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February 15, 2024
Project No. M8022.08.005

Sarah Miller
Oregon Department of Environmental Quality
700 NE Multnomah Street, Suite 600
Portland, Oregon 97232

Re: Year Two Monitoring Report, East Whitaker Pond, ECSI #5455

Dear Sarah Miller:

Maul Foster & Alongi, Inc. (MFA) prepared this letter to detail post-remedial action (RA) year two monitoring for the East Whitaker Pond site (Site) (see Figures 1 and 2). The Site includes the East Whitaker Pond (the Pond) and the adjacent upland area on Metro Metals Northwest, Inc. (MMNW) property. Monitoring and reporting were conducted according to the Oregon Department of Environmental Quality (DEQ) approved Monitoring, Maintenance, and Contingency Plan (MMCP; MFA, 2022a) which was required by the remedial design and RA scope of work requirements laid out in Exhibit C of the October 5, 2017, Consent Judgment between MMNW and the Oregon Department of Environmental Quality (DEQ). The Site's DEQ environmental cleanup site identification number is 5455.

This letter describes the field events and results associated with the following year two monitoring activities:

- Physical integrity monitoring of sediment sand cap
- Pore water sampling for polychlorinated biphenyls (PCBs)
- Vegetation monitoring

Physical Integrity

Visual monitoring was completed for the sediment cap and pond bank. The performance criteria described in the MMCP were used as a basis for observation and recording. Visual monitoring was completed from the shoreline adjacent to the capped area and from a non-motorized watercraft (canoe) directly over the capped areas. Figure 3 shows photograph locations and orientation for the photograph log presented in Attachment A. The Sand Cap Visual Monitoring Form is included in Attachment B. Current conditions were compared to those described in the Completion Report (MFA 2022b) and Year 1 Monitoring Report (MFA 2023).

Bank Observations

The pond bank was heavily vegetated from the edge of water to the upland areas; vegetation heights and density have increased compared to the year one conditions. Woody vegetation placed on the bank and in-water appears to be stable. Vegetation has established on one emergent root wad on the easternmost basking log (Photograph 1).

MMNW agreed to conduct targeted observations of the erosion area at the east end of the pond identified in the year one monitoring report. These events were planned during rain events with higher relative intensity during the winter of 2023-2024. Unfortunately, the heavy vegetation that has established itself blocks land access to this location. The erosion area was observed by boat during the cap inspection. Our observations indicate that the erosion area has not increased in size since the previous growing season and is now heavily vegetated and stabilized (Photograph 9). No repair action is necessary at this time. MFA and MMNW will continue to monitor the area during future scheduled inspection events.

Sediment Cap Observations

The submerged sediment cap was visible to a water depth of approximately 12 to 18 inches. The water was more turbid than during the year one monitoring event and only a small amount of the submerged cap surface was visible in Area 3. The visible portion of the cap appeared to consist primarily of sand with approximately 50% organic materials on the surface; this area also appears to be a resting location for waterfowl as geese were observed standing in the general vicinity upon arrival at the site.

Cap areas in deeper water had submerged aquatic vegetation cover of approximately 70 percent or greater. Large portions of Area 4 had dense mats of aquatic vegetation that were difficult to traverse with the watercraft (Photographs 3 and 4). Submerged vegetation in Areas 2 and 3 were less dense but providing visible coverage at the surface was greater than 50% (Photographs 5, 6, and 7). MFA did not observe any apparent changes to the pond bottom elevations or loss of sediment cap material.

Pore Water

Pore water sampling and analysis was conducted to determine post-RA concentrations of PCBs. Sampling and analysis were completed in accordance with the Final Pore Water Sampling and Analysis Plan (the SAP) (MFA 2018), as specified by the MMCP (MFA 2022a), and consistent with the baseline sampling and analysis conducted in 2019 (MFA 2019).

Sampler Deployment

On October 12, 2023, SiREM SP3™ in situ passive pore water samplers were deployed at each sampling location on Figure 4 (PW-01 through PW-03). The samplers were comprised of a 4x10cm polyethylene sheet housed in a stainless-steel mesh envelope attached to a galvanized steel support plate. The MFA field personnel took care to ensure that the sampling media was installed in the top 10 centimeters below mud line and to maintain a vertical orientation. MFA personnel were able to visually confirm that all samplers were properly deployed into the sediment. The deployed samplers were connected to a buoy floating on the surface of the water with high strength cordelette. The sampling procedures, locations, and media used during this post-RA sampling were consistent with the historical baseline and year one sampling events.

To capture potential variability among pore water concentrations and increase accuracy of future comparisons with pore water PCB concentrations, a duplicate pore water sampler was installed at each location. A buoy was deployed at each duplicate sampling location with a line connected to each sampler.

In accordance with SiREM instructions, during the deployment stage the three trip blanks (labeled as Trip BLANK PW-01, Trip BLANK PW-02, and TRIP BLANK PW-03) remained in their original packaging

under cold storage (approximately 4 degrees Celsius [°C]) with the exception of a period in which the trip blanks were removed from the packaging by field personnel, exposed to ambient field conditions for approximately 5 minutes, and packaged for shipment in the same manner as the deployed samplers. The trip blanks were sent to the laboratory and stored under cold storage conditions during the deployment stage. The trip blanks were processed by the laboratory along with the retrieved field samplers.

Sampler Retrieval

On November 21, 2023, the passive pore water samplers were retrieved by hand using the lines connected to the buoys. At the time of retrieval, the samplers were embedded in the surface sediment at the same locations where they had been deployed. The deployment times for the samplers were 40 days. Upon retrieval, the samplers were wrapped in aluminum foil and placed in an opaque re-sealable bag. The samplers were then placed in an additional re-sealable plastic bag and packaged in a cooler with ice packs for overnight shipment to Eurofins Environmental Testing, in Knoxville, Tennessee for analysis.

Laboratory Analysis and Results

Copies of the SiREM report and associated analytical laboratory report are included in Attachment C, along with a data validation memorandum which details the quality assurance/quality control review of the data. The results of the data quality review indicate that the data are of acceptable quality and are suitable for their intended purpose.

The pore water samplers were analyzed for PCBs as congeners by U.S. Environmental Protection Agency Method 1668A. Freely dissolved (C_{free}) concentrations of PCB congeners in pore water were calculated by SiREM, as described in Attachment C, are presented in Table 1. Table 1 also presents the average total PCB concentration for each sampling location, as well as a sitewide average total PCB concentration.

Comparison to Performance Criteria

Table 2 presents the total PCB sampling location average and sitewide average concentrations for results from the baseline sampling (MFA 2019), year one monitoring (MFA 2023), and year two monitoring. Results are also compared to the selected monitoring performance criteria of DEQ freshwater chronic aquatic life criteria for PCBs of 14,000 picograms per liter (pg/L) (DEQ 2019). The chronic criterion is based on the Criterion Continuous Concentration (CCC) and is therefore more directly relevant for screening data in the context of a long-term aquatic exposure (EPA 1985).

The year two sitewide average is significantly lower than baseline and slightly lower than the year one average. Year two sampling location average concentrations at locations PW-01 and PW-02 (within the carbon amended sand cap area) decreased orders of magnitude when compared to baseline, but were slightly elevated compared to the year one averages. Year two concentrations at PW-03 (within the sand cap area) continued to show a decrease compared to baseline. Sampling location averages and sitewide averages are orders of magnitude below the DEQ freshwater CCC criteria. Trend plots and box plots will be prepared following year five monitoring (2025).

Vegetation

Please see Attachment D for the vegetation monitoring report submitted November 1, 2023, to the Oregon Department of State Lands (DSL) consistent with the requirements of the Permit Waiver (File

No. 63213-PW). As noted, a number of performance criteria are not currently met. This is not unusual for the second season of vegetation establishment. The noted issues will be addressed in the 2024 vegetation maintenance activities.

Conclusions and Recommendations

The year two monitoring continues to demonstrate that the long-term objectives for the constructed remedy are being met. The physical integrity of the sand cap is intact and the cap is performing effectively by meeting the monitoring performance criteria for PCBs in porewater. The 2024 maintenance activities will work to establish vegetation that meets the DSL criteria. The erosion area at the east end of the pond appears to be stabilized and revegetated. No repair action is necessary at this time. MFA and MMNW will continue to monitor the area during future scheduled inspection events. The next pore water and cap monitoring event is planned for 2026 per the schedule in the MMCP.

Sincerely,

Maul Foster & Alongi, Inc.

Chris Clough
Project Environmental Scientist

Michael Pickering, RG
Principal Geologist

Attachment

References

References

Figures

Tables

A—Cap Monitoring and Pore Water Sampling Photo Log

B—Sand Cap Visual Monitoring Form

C—Data

D—Vegetation Monitoring Report

References

DEQ 2019. Table 30: Aquatic Life Water Quality Criteria for Toxic Pollutants Aquatic Life Criteria Summary. Oregon Department of Environmental Quality. May.

EPA. 1985. Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses. United States Environmental Protection Agency.

MFA 2018. Final Sampling and Analysis Plan, East Whitaker Pond, ECSI #5455. Prepared for Metro Metals Northwest. Maul Foster & Alongi, Inc. October 16.

MFA 2019. Baseline Pore Water Sampling Results, East Whitaker Pond, ECSI #5455, Prepared for Metro Metals Northwest. Maul Foster & Alongi, Inc. October 16. November 14.

MFA 2022a. Final Monitoring, Maintenance, and Contingency Plan, East Whitaker Pond, ECSI #5455. Prepared for Metro Metals Northwest, Inc. Maul Foster & Alongi, Inc.: Portland, OR. August 15.

MFA 2022b. Completion Report, East Whitaker Pond, ECSI #5455. Prepared for Metro Metals Northwest, Inc. Maul Foster & Alongi, Inc.: Portland, OR. June 20.

MFA 2023. Year One Monitoring Report Revised, East Whitaker Pond, ECSI #5455. Prepared for Metro Metals Northwest, Inc. Maul Foster & Alongi, Inc.: Portland, OR. June 8.

Limitations

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

Figures

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Source: US Geological Survey (1990) 7.5-minute topographic quadrangle: Mount Tabor
Section 18, Township 1 North, Range 2 East.

Figure 1
Site Location

Metro Metals Northwest

Portland, Oregon

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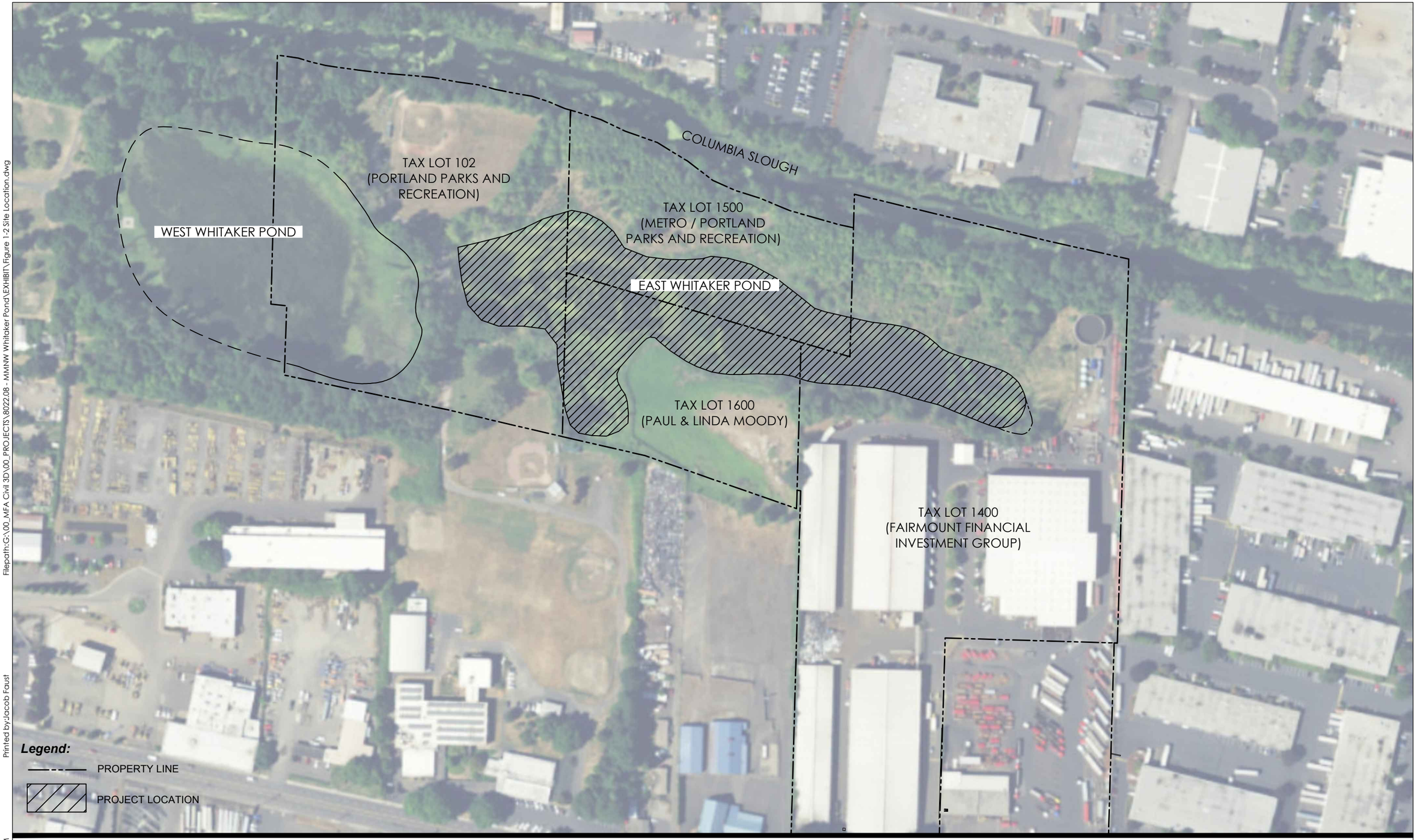
0 1,000 2,000
Feet

Path: X:\8022.08\Projects\Fig_Whitaker_Pond_Remediation.mxd
Print Date: 11/15/2017
Approved By: cbryan
Produced By: rroberts
Project: 8022.08



Filepath:G:\00_MFA Civil 3D\00_PROJECTS\8022.08 - MMNW Whitaker Pond\EXHIBIT\Figure 1-2 Site Location.dwg

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0 200' 400'

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

Figure 2
Site Vicinity
Metro Metals Northwest
Portland, Oregon

LEGEND

- OHWL — ORDINARY HIGH WATER LINE
- PL — PROPERTY LINE
- 25 — EXISTING GRADE MAJOR CONTOUR
- 27 — EXISTING GRADE MINOR CONTOUR
- # — PHOTOGRAPH NUMBER AND VIEW DIRECTION

TAX LOT 102
(PORTLAND PARKS AND RECREATION)

TAX LOT 1500
(METRO / PORTLAND PARKS AND RECREATION)

TAX LOT 1400
(FAIRMOUNT FINANCIAL INVESTMENT GROUP)

WHITAKER SLOUGH

AREA 4

AREA 3

AREA 2

AREA 1

EAST WHITAKER POND

ORDINARY HIGH WATER LINE ELEV: 10.50'

TAX LOT 1600
(PAUL & LINDA MOODY)

MMNW STORMWATER TREATMENT SYSTEM OUTFALL

BANK EROSION LOCATION

MMNW ROOF DRAIN STORMWATER OUTFALL

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0 100' 200'

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

Figure 3
Cap Monitoring Photo Locations

Metro Metals Northwest
Portland, OR

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Figure 4
Pore Water Sample Locations

Metro Metals Northwest
Portland, OR

TAX LOT 102
(PORTLAND PARKS
AND RECREATION)

TAX LOT 1500
(METRO / PORTLAND
PARKS AND RECREATION)

Area 4
(sand cap)

Area 3
(activated carbon
amended sand cap)

TAX LOT 1400
(FAIRMOUNT FINANCIAL
INVESTMENT GROUP)

PW-03

PW-01

PW-02

TAX LOT 1600
(PAUL & LINDA MOODY)

Area 2
(removed
sediment)

Area 1
(excavated upland
hot spot soils)

Legend

- Passive Pore Water Sample Location Pairs
- Remedial Action Area Boundary
- Tax Lot

0 50 100
Feet

Data Sources:
Aerial photograph and tax lot data obtained from the City of Portland.

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Path: X:\8022.08\005\Fig4_1 Pore_Water_Sample_Locations.mxd
Print Date: 8/18/2022
Reviewed By: enaylor
Produced By: thogue
Project: M8022.08.005

Tables

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Table 1
Freely-Dissolved PCBs in Pore Water Analytical Results
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	DEQ Freshwater Chronic Criterion Aquatic Life[1]	PW-01				PW-02			PW-03			
Sample Name:		PW-01	PW-01-DUP	PW-01	PW-01-DUP	PW-02	PW-02	PW-02-DUP	PW-03	PW-03-DUP	PW-03	PW-03-DUP
Monitoring Year:		Year 1		Year 2		Year 1	Year 2		Year 1		Year 2	
Collection Date:		11/22/2022	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/22/2022	11/21/2023	11/21/2023
PCB Congeners (pg/L)												
2-MonoCB-(1)	NV	9.4 U	10 U	7.7 U	25 JK	8.2 U	6.5 U	7.6 U	22 JK	100 J	39 J	19 JK
3-MonoCB-(2)	NV	6.2 U	6.7 U	5.4 U	5.2 U	14 J	4.6 U	5.6 U	71 JK	57 JK	72 JK	46 J
4-MonoCB-(3)	NV	5.3 U	5.8 U	4.8 U	4.7 U	4.5 U	4.3 U	5.4 U	13 JK	11 JK	10 JK	6.2 U
2,2'-DiCB-(4)	NV	44 JK	19 U	65 J	200 J	17 U	9.4 U	130 J	320	540	580	250 J
2,3-DiCB-(5)	NV	8 U	12 U	7.2 U	5.5 U	10 U	5.6 U	7.3 U	8.3 U	9.2 U	5.2 U	7.6 U
2,3'-DiCB-(6)	NV	6.4 U	9.6 U	6.1 U	4.2 U	8.2 U	4.7 U	34 J	17 JK	32 J	32 J	6 U
2,4-DiCB-(7)	NV	5.7 U	9.2 U	5.5 U	3.8 U	7.1 U	4.3 U	5.3 U	12 JK	7 U	3.9 U	5.4 U
2,4'-DiCB-(8)	NV	4.8 U	7.4 U	4.3 U	18 J	6 U	3.6 U	68 J	40 JK	70 J	91 J	33 J
2,5-DiCB-(9)	NV	7.2 U	11 U	6.7 U	4.7 U	9 U	5.2 U	6.3 U	7.8 U	8.3 U	4.7 U	6.5 U
2,6-DiCB-(10)	NV	12 U	18 U	11 U	37 JK	16 U	8.6 U	19 JK	61 JK	92 J	110 J	65 J
3,3'-DiCB-(11)	NV	4.4 U	8 JK	4.1 UJK	2.1 J+	26 J	3.2 UJ	4 UJ	70 JK	53 J	25 J	16 J
PCBs 12 + 13	NV	3.9 CU	6.5 CU	3.6 CU	2.7 C	4.5 CU	3.1 CU	3.7 UC	4.3 CU	4.7 CU	43 CJ	3.8 CU
4,4'-DiCB-(15)	NV	8.9 JK	5.2 U	3 U	16 J	3.5 U	14 J	26 J	78	78	76	24 JK
2,2',3-TriCB-(16)	NV	1.5 J	1.6 U	6.4 J	5.9 JK	2 JK	12 JK	32 J	17 J	20 JK	18 J	8.2 JK
2,2',4-TriCB-(17)	NV	24 J	5.4 JK	34 K	50 K	5.8 JK	28 J	65	190	230 K	220	77
PCBs 18 + 30	NV	5.6 CJK	2.4 CJK	8.3 CJK	14 CJ	7.7 CJ	26 CJ	69 CJ	56 CJ	79 C	57 C	25 CJ
2,2',6-TriCB-(19)	NV	59	15 JK	70 K	130	5.4 JK	39 J	57	200	230	280	130
PCBs 20 + 28	NV	7.9 CJK	7.9 CJ	13 CJ	22 CJK	8.6 CJ	31 CJ	71 C	210 C	260 C	180 C	61 C
PCBs 21 + 33	NV	4.1 CU	8.1 CU	4.7 CU	5.4 CJK	3.9 CJK	16 CJ	38 CJ	28 CJ	44 CJ	28 CJ	8.7 CJ
2,3,4'-TriCB-(22)	NV	3.7 U	7.2 U	4.2 U	5.4 J	3.2 U	8.9 J	20 J	30	38	28	10 J
2,3,5-TriCB-(23)	NV	5.2 U	10 U	6.1 U	5 U	4.5 U	7.6 U	5.8 U	8.2 U	6.9 U	5.9 U	7.6 U
2,3,6-TriCB-(24)	NV	0.91 J	1.1 U	1.2 U	1.1 U	0.56 U	1.8 U	1.5 U	1.5 U	1.5 U	1.8 JK	1.5 U
2,3',4-TriCB-(25)	NV	4.1 JK	6.7 U	3.9 U	7.1 JK	2.9 U	5.3 J	21 J	41	49	41	12 JK
PCBs 26 + 29	NV	4.6 CU	8.9 CU	5.2 CU	9.5 CJK	4 CU	10 CJ	67 C	55 C	68 C	54 C	18 CJK
2,3',6-TriCB-(27)	NV	14 J	3.4 JK	22 J	37	3.5 J	12 J	20 JK	84	93 K	110	54
2,4',5-TriCB-(31)	NV	6.5 J	6.4 U	10 J	18 J	6.7 J	26 J	57	100	120	93	33 J
2,4',6-TriCB-(32)	NV	8 JK	6 JK	20 J	30	4.5 JK	15 J	32	39	60	70	18 J
2,3',5'-TriCB-(34)	NV	5.3 U	10 U	6.3 U	5.1 U	4.6 U	7.8 U	5.9 U	8.4 U	7.1 U	6 U	7.8 U
3,3',4,-TriCB-(35)	NV	3.3 U	6.5 U	3.5 U	3 U	2.9 U	4.6 U	3.4 U	4.9 U	4.1 U	3.5 U	4.5 U
3,4,4'-TriCB-(37)	NV	2.7 U	5.5 U	2.7 U	2.3 U	2.4 U	3.7 U	7.7 J	24	22	16	5.2 J
3,4,5-TriCB-(38)	NV	3.4 U	6.7 U	3.7 U	3.1 U	3 U	4.8 U	3.6 U	5.1 U	4.3 U	6 J	4.7 U
3,4',5-TriCB-(39)	NV	3 U	6 U	3.2 U	2.7 U	2.7 U	3.5 JK	3.2 U	4.5 U	3.7 U	3.1 U	4.2 J
PCBs 40 + 41 + 71	NV	15 CJ	7.2 CJ	15 CJK	17 CJ	0.25 CU	15 CJ	47 C	55 C	80 C	57 C	21 CJ
2,2',3,4'-TetraCB-(42)	NV	6.8 JK	0.59 U	7 JK	9.5	0.25 U	7.4 JK	27	33	42	29	11 J
PCBs 43 + 73	NV	6.6 CJ	7.7 CJ	4.2 CJ	4 CJK	2.9 CJK	1.8 CJ	12 CJ	13 CJK	26 C	12 CJ	3.9 CJ
PCBs 44/47/65	NV	170 C	150 C	120 C	140 C	100 C	63 C	230 C	430 C	530 C	380 C	160 C
PCBs 45 + 51	NV	21 CJ	8.4 CJ	17 CJ	25 C	4.8 CJ	9.4 CJ	26 CK	42 C	54 C	46 C	17 CJ
2,2',3,6'-TetraCB-(46)	NV	0.49 U	0.94 U	3.3 JK	3.1 JK	0.39 U	2.5 JK	9.4 JK	7.8 JK	7.6 JK	7.5 J	3 JK

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Freely-Dissolved PCBs in Pore Water Analytical Results
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	DEQ Freshwater Chronic Criterion Aquatic Life[1]	PW-01				PW-02			PW-03			
Sample Name:		PW-01	PW-01-DUP	PW-01	PW-01-DUP	PW-02	PW-02	PW-02-DUP	PW-03	PW-03-DUP	PW-03	PW-03-DUP
Monitoring Year:		Year 1		Year 2		Year 1	Year 2		Year 1		Year 2	
Collection Date:		11/22/2022	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/22/2022	11/21/2023	11/21/2023
PCB Congeners (pg/L)												
2,2',4,5-TetraCB-(48)	NV	0.3 U	0.57 U	3.9 J	4.3 JK	0.25 U	4.6 J	13 K	17	26	16	5.8 J
PCBs 49 + 69	NV	40 C	16 CJ	33 C	41 C	13 CJ	25 C	110 C	140 C	190 C	140 C	54 C
PCBs 50 + 53	NV	19 CJ	7.9 CJ	20 CJ	23 CJ	4 CJK	14 CJ	41 C	38 C	50 C	45 C	25 CJ
2,2',5,5'-TetraCB-(52)	NV	60	24	63	76	25	48	320	300	450	280	120
2,2',6,6'-TetraCB-(54)	NV	6.9 JK	1.5 J	2.4 JK	6.9 J	0.33 JK	1.7 J	3 JK	9.7 JK	7.5 J	8.7 JK	4.8 J
2,3,3',4-TetraCB-(55)	NV	0.15 U	0.29 U	0.13 U	0.46 J	0.13 U	0.14 U	0.37 U	2.3 JK	0.19 U	1.6 J	0.084 U

Table 1
Freely-Dissolved PCBs in Pore Water Analytical Results
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	DEQ Freshwater Chronic Criterion Aquatic Life[1]	PW-01				PW-02			PW-03			
Sample Name:		PW-01	PW-01-DUP	PW-01	PW-01-DUP	PW-02	PW-02	PW-02-DUP	PW-03	PW-03-DUP	PW-03	PW-03-DUP
Monitoring Year:		Year 1		Year 2		Year 1	Year 2		Year 1		Year 2	
Collection Date:		11/22/2022	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/22/2022	11/21/2023	11/21/2023
PCB Congeners (pg/L)												
2,3,3',4'-Tetra CB-(56)	NV	11	16	1.7 JK	2.5 JK	10 K	2.1 J	5.5 J	0.15 U	25	12	3.4 J
2,3,3',5-TetraCB-(57)	NV	0.19 U	0.37 U	0.18 U	0.14 U	0.16 U	0.19 U	4.6 J	0.21 U	0.25 U	0.21 U	0.12 U
2,3,3',5'-TetraCB-(58)	NV	0.16 U	0.32 U	0.16 U	0.13 U	0.14 U	0.16 U	0.43 U	0.18 U	2.1 JK	0.18 U	0.1 U
PCBs 59/62/75	NV	0.21 CU	0.41 CU	0.2 CU	3.4 CJK	0.18 CU	3.3 CJ	10 CJ	14 CJ	19 CJ	13 CJ	5.8 CJ
2,3,4,4'-TetraCB-(60)	NV	1.3 JK	1.7 J	0.13 U	1.4 JK	0.14 U	2.1 JK	2.2 J	8.5	9.1	6.3	2.2 JK
PCBs 61/70/74/76	NV	15 CJ	7.8 CJ	16 CJ	25 CJ	10 CJ	16 CJ	71 C	130 C	170 C	120 C	43 C
2,3,4',5-TetraCB-(63)	NV	0.17 U	0.33 U	0.15 U	0.13 U	0.15 U	0.16 U	2.7 JK	5.5 J	5.9 JK	4.7 JK	0.097 U
2,3,4',6-TetraCB-(64)	NV	6.3 JK	3.7 J	6.5 J	8.6 JK	4.1 JK	9.7 J	31	38	54	35	15
2,3',4,4'-TetraCB-(66)	NV	7.7 J	3.8 J	7.7	11	5.7 J	7.6 J	34	66	88	66	20
2,3',4,5-TetraCB-(67)	NV	0.14 U	0.27 U	0.13 U	0.11 U	0.12 U	0.14 U	2.1 JK	3.5 J	3.3 JK	3.4 JK	0.082 U
2,3',4,5'-TetraCB-(68)	NV	5.2 K	10	3.3	4	5.6	2.4	9.3	11	13	7.3	3.6
2,3',5,5'-TetraCB-(72)	NV	0.15 U	0.29 U	0.13 U	1.6 J	0.13 U	0.14 U	3.8 J	5 J	5.8 J	4.2 J	0.087 U
3,3',4,4'-TetraCB-(77)	NV	0.16 U	0.31 U	0.13 U	0.12 U	3.4 JK	0.15 U	0.39 U	13	12	7.2	0.088 U
3,3',4,5'-TetraCB-(79)	NV	0.12 U	0.22 U	0.092 U	0.082 U	0.1 U	0.1 U	0.27 U	2.2 J	2.4 J	1.1 JK	0.061 U
3,3',5,5'-TetraCB-(80)	NV	0.14 U	0.27 U	0.12 U	0.1 U	0.12 U	0.14 U	0.35 U	0.15 U	0.17 U	0.15 U	0.08 U
3,4,4',5-TetraCB-(81)	NV	0.2 U	0.29 U	0.12 U	0.1 UJK	8.9 J	0.13 UJ	0.35 UJK	8.2 K	6 J	0.14 UJ	5.4
2,2',3,3',4-PentaCB-(82)	NV	5.3 J	0.55 U	2 JK	0.33 U	0.72 U	0.39 U	5.2	11 K	15	10	0.31 U
PCBs 83 + 99	NV	49.0 C	16 CJK	18 C	23 C	21 C	14 C	43 C	95 C	120 C	84 C	30 C
2,2',3,3',6-PentaCB-(84)	NV	17	12	10	14	8.1 JK	7.7	30	39	51	30	13
PCBs 85/116/117	NV	12 CJK	0.45 CU	5.3 CJ	7.3 CJ	0.6 CU	4.8 CJ	12 CJ	29 C	38 C	24 C	9.5 CJ
PCBs 86/87/97/109/119/125	NV	42 CJ	15 CJK	20 CJ	23 CJ	20 CJK	14 CJK	46 C	100 C	130 C	80 C	30 CJ
PCBs 88 + 91	NV	18 C	4.7 CJK	7.7 CJ	9.5 CJK	8.3 CJ	4.8 CJ	17 C	28 C	36 C	24 C	8.1 CJK
2,2',3,4,6'-PentaCB-(89)	NV	0.63 U	0.63 U	0.31 U	0.39 U	0.77 U	0.46 U	0.43 U	0.42 U	0.3 U	0.42 U	0.38 U
PCBs 90 + 101 + 113	NV	79 C	36 C	39 C	47 C	39 C	29 C	87 C	180 C	230 C	160 C	57 C
2,2',3,5,5'-PentaCB-(92)	NV	34	0.65 U	19	18	0.83 U	10	29	53	62	42	22
PCBs 93 + 100	NV	7.1 CJ	3.9 CJK	6.1 CJ	6.7 CJK	4.4 CJ	7.9 CJ	8 CJK	8.8 C	10 C	10 C	8.2 CJ
2,2',3,5,6'-PentaCB-(94)	NV	0.79 U	0.78 U	0.44 U	0.52 U	0.97 U	0.62 U	0.59 U	0.54 U	0.42 U	2.3 J	0.53 U
2,2',3,5',6-PentaCB-(95)	NV	64	27	35	40	27	25	100	130	180	120	43
2,2',3,6,6'-PentaCB-(96)	NV	6.9	0.55 U	0.33 U	11 K	15 K	0.47 U	0.41 U	7.3 K	0.31 U	7.6	11
PCBs 98 + 102	NV	0.55 CU	0.56 CU	0.27 CU	2 CJK	0.69 CU	0.41 CU	3.3 CJK	5.4 CJ	5.4 CJK	4.3 CJ	0.34 CU
2,2',4,5',6-PentaCB-(103)	NV	0.67 U	0.66 U	0.37 U	0.42 U	0.8 U	0.54 U	0.47 U	0.45 U	0.35 U	3 J	0.42 U
2,3,3',4,4'-PentaCB-(105)	NV	7.3 K	3.5 JK	4.4	5.9	4.6 JK	3 J	10	31	40	26	8.5
2,3,3',4,5-PentaCB-(106)	NV	26	33	3.9	3.6	28	2.1	2.7	18	13	2	1
2,3,3',4',5-PentaCB-(107)	NV	3.1 J	0.65 U	1.5 JK	1.8 J	1.8 J	1 J	3.1 J	7.3	10	6.8	2.4 J
PCBs 108 + 124	NV	1.8 CJ	0.73 CU	0.88 CJ	1.1 CJK	0.9 CJK	0.41 CJK	1.7 CJK	3.5 CJK	5.4 CJ	3.8 CJ	1.2 CJ
PCBs 110 + 115	NV	49 C	21 C	26 C	34 C	26 C	21 C	65 C	130 C	170 C	120 C	41 C
2,3,3',5,5'-PentaCB-(111)	NV	0.38 U	0.38 U	0.19 U	0.23 U	0.48 U	0.29 U	0.26 U	0.25 U	0.19 U	0.26 U	0.22 U
2,3,3',5,6-PentaCB-(112)	NV	0.37 U	0.35 U	0.18 U	0.22 U	0.43 U	0.27 U	0.56 JK	0.24 U	0.18 U	0.24 U	0.21 U

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Table 1
Freely-Dissolved PCBs in Pore Water Analytical Results
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	DEQ Freshwater Chronic Criterion Aquatic Life[1]	PW-01				PW-02			PW-03			
Sample Name:		PW-01	PW-01-DUP	PW-01	PW-01-DUP	PW-02	PW-02	PW-02-DUP	PW-03	PW-03-DUP	PW-03	PW-03-DUP
Monitoring Year:		Year 1		Year 2		Year 1	Year 2		Year 1		Year 2	
Collection Date:		11/22/2022	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/22/2022	11/21/2023	11/21/2023
PCB Congeners (pg/L)												
2,3,4,4',5-PentaCB-(114)	NV	0.76 JK	0.67 U	0.2 U	0.38 JK	0.43 U	0.26 U	0.99 J	2.4 J	3 J	1.7 JK	0.32 U
2,3',4,4',5-PentaCB-(118)	NV	30	13	15	21	20	12	41	110	140	92	29
2,3',4,5,5'-PentaCB-(120)	NV	0.28 U	0.27 U	0.12 U	0.16 U	0.39 U	0.19 U	0.18 U	0.17 U	0.12 U	0.17 U	0.15 U
2,3,3',4',5'-PentaCB-(122)	NV	0.68 U	0.88 UL	0.29 U	0.37 U	0.56 U	0.39 U	0.6 U	2 J	2.3 JK	1.4 JK	0.48 U

Table 1
Freely-Dissolved PCBs in Pore Water Analytical Results
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	DEQ Freshwater Chronic Criterion Aquatic Life[1]	PW-01				PW-02			PW-03			
Sample Name:		PW-01	PW-01-DUP	PW-01	PW-01-DUP	PW-02	PW-02	PW-02-DUP	PW-03	PW-03-DUP	PW-03	PW-03-DUP
Monitoring Year:		Year 1		Year 2		Year 1	Year 2		Year 1		Year 2	
Collection Date:		11/22/2022	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/22/2022	11/21/2023	11/21/2023
PCB Congeners (pg/L)												
2,3',4,4',5'-PentaCB-(123)	NV	0.58 U	0.74 U	0.2 U	0.27 U	0.46 U	0.28 U	0.57 JK	2.2 J	2.4 J	1.4 J	0.35 U
3,3',4,4',5-PentaCB-(126)	NV	0.44 UL	0.56 UL	0.17 U	0.23 U	0.39 UL	0.24 U	0.38 U	0.32 U	0.35 U	0.37 U	0.27 U
3,3',4,5,5'-PentaCB-(127)	NV	0.48 UL	0.65 UL	0.2 U	0.25 U	0.41 UL	0.27 U	0.39 U	0.39 U	0.42 U	0.44 U	0.31 U
PCBs 128 + 166	NV	8.2 CJL	2.8 CJL	2.3 CJ	3.6 CJ	3.6 CJKL	2.1 CJ	3.2 CJ	9.1 C	10 C	8.9 C	2.9 CJ
PCBs 129 + 138 + 160 + 163	NV	54 C	20 CJL	17 C	27 C	24 CJL	12 CJ	25 C	62 C	79 C	56 C	19 C
2,2',3,3',4,5'-HexaCB-(130)	NV	3.9 JK	0.56 UL	0.93 JK	2.1 J	2 JKL	0.37 U	1.7 JK	3.4 K	4.9	4.4	1.6 J
2,2',3,3',4,6-HexaCB-(131)	NV	0.53 U	0.58 UL	0.26 U	0.37 U	0.64 UL	0.38 U	0.37 U	0.52 U	0.29 U	0.29 U	0.21 U
2,2',3,3',4,6'-HexaCB-(132)	NV	20 K	14 L	7.9	13	15 L	7.4 K	14	20	26	19	7.6
2,2',3,3',5,5'-HexaCB-(133)	NV	1.4 JK	0.49 UL	0.23 U	0.33 U	0.56 UL	0.35 U	0.99 J	1.7 JK	1.4 JK	1.2 JK	0.18 U
PCBs 134 + 143	NV	3.5 CJ	0.62 CUL	1.5 CJK	2.3 CJ	0.66 CUL	0.9 CJK	2.8 CJ	4.3 CJK	6.1 C	4.4 CJ	1.6 CJ
PCBs 135 + 151	NV	17 CL	6.6 CJKL	5 C	6.2 CK	6.7 CJKL	4.1 CJK	10 C	15 CK	20 C	16 C	5.7 CJ
2,2',3,3',6,6'-HexaCB-(136)	NV	7.7 KL	3.4 JL	2.4 K	3.8	2.5 JL	2.4 JK	5.3	7	9.7	6.6	2.3 JK
2,2',3,4,4',5-HexaCB-(137)	NV	2.4 JKL	1.1 JKL	0.69 JK	1.3 J	1.6 JL	0.24 U	1.5 J	2.6	3.4	2.8	0.89 J
PCBs 139 + 140	NV	1.1 CJK	0.41 CU	0.17 CU	0.26 CU	0.5 CU	0.27 UC	0.87 CJ	1 CJK	1.5 CJK	1.1 CJ	0.14 CU
2,2',3,4,5,5'-HexaCB-(141)	NV	6.2 K	3.4 JKL	2 K	3.9	3.4 JL	1.7 J	3.5	7.7	9.2	7.2	2.1 JK
2,2',3,4,5',6-HexaCB-(144)	NV	0.19 UL	0.061 UL	0.015 U	0.13 U	0.28 UL	0.14 U	0.96 J	2.5 J	2.4 J	2 J	0.073 U
2,2',3,4,6,6'-HexaCB-(145)	NV	0.14 U	0.048 UL	0.012 U	0.62 JK	0.21 UL	0.11 U	0.057 U	0.068 U	0.16 U	0.064 U	0.059 U
2,2',3,4',5,5'-HexaCB-(146)	NV	6.4	1.9 JKL	1.7 JK	3	2.9 JL	1.1 JK	3.3	5.8	8.8	6.1	1.9 J
PCBs 147 + 149	NV	38 C	14 CL	12 C	20 C	16 CL	9.7 C	21 C	35 C	47 C	36 C	12 C
2,2',3,4',5,6'-HexaCB-(148)	NV	0.19 U	0.058 U	0.014 U	0.12 U	0.27 UL	0.13 U	0.069 U	0.081 U	0.19 U	0.075 U	0.069 U
2,2',3,4',6,6'-HexaCB-(150)	NV	0.96 JKL	0.048 UL	0.012 U	0.21 JK	0.58 JKL	0.49 JK	0.58 JK	0.067 U	0.76 JK	0.061 U	0.56 JK
2,2',3,5,6,6'-HexaCB-(152)	NV	5.1 L	0.048 UL	0.013 UJ	0.11 UJ	5 L	0.5 J	1.6	0.63 JK	4.3	0.65 J	0.5 J
PCBs 153 + 168	NV	30 C	11 C	9.3 C	14 C	16 C	7 C	15 C	33 C	39 C	31 C	9.6 C
2,2',4,4',5,6'-HexaCB-(154)	NV	0.97 JKL	0.072 JKL	0.16 JK	0.26 J	2 JL	0.27 J	0.012 JK	0.88 JK	0.92 JK	0.46 J	0.46 J
PCBs 156 + 157	NV	4.5 CJL	1.5 CJKL	1.2 CJ	2 CJ	2.2 CJKL	1.1 CJ	2 CJ	5.3 C	7 C	5.4 C	1.6 CJ
2,3,3',4,4',6-HexaCB-(158)	NV	4.9 L	1.5 JKL	1.4 J	2.1	2.1 JKL	0.94 J	2.2 J	5.3	6.8	4.6	1.6 J
2,3,3',4,5,5'-HexaCB-(159)	NV	0.56 JKL	1.4 JL	0.027	0.39	0.95 JL	0.17 UJ	0.16 UJ	0.73 J	0.81 J	0.12 UJ	0.18
2,3,3',4,5',6-HexaCB-(161)	NV	13	16 L	1.7	4.9	13 L	0.21 U	0.2 U	6.8	5.6	0.52	0.39
2,3,3',4',5,5'-HexaCB-(162)	NV	0.3 U	0.31 UL	0.13 U	0.2 U	0.37 UL	0.22 U	0.2 U	0.27 U	0.15 U	0.15 U	0.11 U
2,3,3',4',5',6-HexaCB-(164)	NV	3.7 JL	1.3 JKL	1.2 J	1.7 JK	1.7 JKL	0.74 JK	1.6 J	3.2 K	5	2.9 K	1.1 J
2,3,3',5,5',6-HexaCB-(165)	NV	2.2 L	2.2 L	0.43 K	0.5	1.9 JL	0.28 U	0.27 U	0.76 JL	0.79 J	0.2 U	0.25
2,3',4,4',5,5'-HexaCB-(167)	NV	1.2 JKL	0.23 UL	0.43 J	0.58 J	0.28 UL	0.15 U	0.69 J	1.8 JL	2.1	1.5 J	0.54 J
3,3',4,4',5,5'-HexaCB-(169)	NV	0.18 UL	0.18 UL	0.069 U	0.099 U	0.26 UL	0.12 UL	0.12 U	0.14 UL	0.075 U	0.088 U	0.057 U
2,2',3,3',4,4',5-HeptaCB-(170)	NV	3.4 KL	0.25 UL	0.0099 U	0.0054 U	0.16 UL	0.086 UL	0.057 UL	3.2 L	2.8	2 K	0.053 U
PCBs 171 + 173	NV	1.2 CJKL	0.27 CUL	0.01 CU	0.0052 CU	0.17 CUL	0.083 CUL	0.059 CU	0.1 CUL	1 CJK	0.073 CU	0.054 CU
2,2',3,3',4,5,5'-HeptaCB-(172)	NV	0.011 UL	0.27 UL	0.0097 U	0.0051 U	0.16 UL	0.081 UL	0.058 U	0.1 UL	0.069 U	0.067 U	0.053 U
2,2',3,3',4,5,6'-HeptaCB-(174)	NV	2.8 JKL	0.26 UL	0.01 U	0.005 U	0.16 UL	0.081 UL	0.059 U	0.1 UL	2.6	1.5	0.054 U
2,2',3,3',4,5',6-HeptaCB-(175)	NV	0.012 UL	0.27 UL	0.01 U	0.0053 U	0.17 UL	0.085 UL	0.061 U	0.1 UL	0.077 U	0.075 U	0.055 U

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Table 1
Freely-Dissolved PCBs in Pore Water Analytical Results
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	DEQ Freshwater Chronic Criterion Aquatic Life[1]	PW-01				PW-02			PW-03			
Sample Name:		PW-01	PW-01-DUP	PW-01	PW-01-DUP	PW-02	PW-02	PW-02-DUP	PW-03	PW-03-DUP	PW-03	PW-03-DUP
Monitoring Year:		Year 1		Year 2		Year 1	Year 2		Year 1		Year 2	
Collection Date:		11/22/2022	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/22/2022	11/21/2023	11/21/2023
PCB Congeners (pg/L)												
2,2',3,3',4,6,6'-HeptaCB-(176)	NV	3 JL	0.23 UL	0.0084 U	0.0043 U	0.13 UL	0.069 UL	0.05 U	1.6 JK	0.062 U	0.061 U	0.046 U
2,2',3,3',4,5',6'-HeptaCB-(177)	NV	1.9 JKL	0.25 UL	0.0098 U	0.005 U	0.16 UL	0.079 UL	0.057 U	0.1 U	1.4 J	1 J	0.052 U
2,2',3,3',5,5',6-HeptaCB-(178)	NV	0.013 UL	0.31 UL	0.012 U	0.0061 U	0.18 UL	0.097 UL	0.07 U	0.13 UL	0.088 U	0.085 U	0.065 U
2,2',3,3',5,6,6'-HeptaCB-(179)	NV	1.1 JL	0.4 JKL	0.008 U	0.0041 U	0.56 JKL	0.066 U	0.43 JK	0.78 JKL	0.95 J	0.76 J	0.045 U

Table 1
Freely-Dissolved PCBs in Pore Water Analytical Results
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	DEQ Freshwater Chronic Criterion Aquatic Life[1]	PW-01				PW-02			PW-03			
Sample Name:		PW-01	PW-01-DUP	PW-01	PW-01-DUP	PW-02	PW-02	PW-02-DUP	PW-03	PW-03-DUP	PW-03	PW-03-DUP
Monitoring Year:		Year 1		Year 2		Year 1	Year 2		Year 1		Year 2	
Collection Date:		11/22/2022	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/22/2022	11/21/2023	11/21/2023
PCB Congeners (pg/L)												
PCBs 180 + 193	NV	16 CL	17 CKL	2.5 C	2.7 CKL	35 CL	1.7 CJL	2.5 CKL	13 CL	10 C	6.6 C	2.4 CK
2,2',3,4,4',5,6-HeptaCB-(181)	NV	0.48 JKL	0.21 UL	0.0075 U	0.004 U	0.14 UL	0.064 UL	0.046 UL	0.08 UL	0.057 U	0.056 U	0.041 U
2,2',3,4,4',5,6'-HeptaCB-(182)	NV	0.0088 U	0.21 U	0.007 U	0.0039 U	0.13 UL	0.062 UL	0.043 UL	0.076 U	0.054 U	0.054 U	0.04 U
PCBs 183 + 185	NV	2.4 CJL	0.25 CUL	0.009 CU	0.0048 CU	0.15 CUL	0.077 CUL	0.055 CU	0.091 CU	1.6 CJK	1 CJK	0.05 CU
2,2',3,4,5,6,6'-HeptaCB-(186)	NV	0.0079 UL	0.19 UL	0.0077 U	0.0038 U	0.11 UL	0.06 U	0.044 U	0.076 UL	0.054 U	0.053 U	0.041 U
2,2',3,4',5,5',6-HeptaCB-(187)	NV	3.6 L	0.2 UL	0.007 U	0.0037 U	0.13 UL	0.059 UL	0.042 UL	0.073 UL	2.4	1.5	0.038 U
2,2',3,4',5,6,6'-HeptaCB-(188)	NV	0.044 JKL	0.2 UL	0.0072 U	0.0037 U	0.15 JKL	0.057 UL	0.32 JK	0.079 UL	0.061 JK	0.37 J	0.039 U
2,3,3',4,4',5,5'-HeptaCB-(189)	NV	0.13 UL	0.28 UL	0.038 U	0.075 UL	0.24 UL	0.12 UL	0.079 UL	0.097 UL	0.2 JK	0.05 U	0.072 U
2,3,3',4,4',5,6-HeptaCB-(190)	NV	0.0075 U	0.18 U	0.0059 U	0.0032 U	0.11 U	0.052 UL	0.037 UL	0.064 U	0.045 U	0.045 U	0.033 U
2,3,3',4,4',5',6-HeptaCB-(191)	NV	0.0076 UL	0.18 UL	0.0059 U	0.0033 U	0.11 UL	0.053 UL	0.038 UL	0.066 UL	0.047 UL	0.046 U	0.034 U
2,2',3,3',4,4',5,5'-OctaCB-(194)	NV	0.25 JKL	0.31 JL	0.063 JK	0.078 JKL	0.16 UL	0.036 UL	0.069 JKL	0.21 JL	0.19 JL	0.19 JL	0.04 JKL
2,2',3,3',4,4',5,6-OctaCB-(195)	NV	0.1 UL	0.13 JKL	0.028 JK	0.025 UL	0.18 UL	0.04 UL	0.026 UL	0.035 UL	0.083 JKL	0.058 JKL	0.023 UL
2,2',3,3',4,4',5,6'-OctaCB-(196)	NV	0.097 UL	0.12 UL	0.018 U	0.044 UL	0.31 UL	0.048 UL	0.032 UL	0.078 UL	0.19 JL	0.041 UL	0.022 UL
2,2',3,3',4,4',6,6'-OctaCB-(197)	NV	3.1 L	4.9 L	0.086	0.033 UL	8.8 L	0.036 UL	0.024 UL	1.7 L	2.2 L	0.032 UL	0.39 L
PCBs 198 + 199	NV	0.095 CUL	0.12 CUL	0.019 CU	0.045 CUL	0.31 CUL	0.05 CU	0.033 CUL	0.084 CUL	0.53 CJL	0.045 CUL	0.023 CU
2,2',3,3',4,5,6,6'-OctaCB-(200)	NV	1.7 JKL	0.11 UL	0.017 U	0.22 KL	0.26 UL	0.044 JL	0.029 JKL	0.075 UL	0.84 JK	0.15 KL	0.02 U
2,2',3,3',4,5',6,6'-OctaCB-(201)	NV	0.086 UL	0.11 UL	0.017 U	0.04 UL	0.26 UL	0.044 UL	0.029 UL	0.094 JL	0.07 JL	0.039 UL	0.02 U
2,2',3,3',5,5',6,6'-OctaCB-(202)	NV	0.13 JK	0.14 JK	0.019 U	0.044 UL	0.28 U	0.049 UL	0.033 UL	0.11 JK	0.13 JK	0.044 U	0.024 U
2,2',3,4,4',5,5',6-OctaCB-(203)	NV	0.079 UL	0.1 UL	0.015 U	0.035 UL	0.25 UL	0.039 UL	0.026 UL	0.067 UL	0.2 JKL	0.035 UL	0.017 UL
2,3,3',4,4',5,5',6-OctaCB-(205)	NV	0.14 JKL	0.3 JKL	0.015 JK	0.018 UJKL	0.31 JKL	0.049 JL	0.032 JL	0.09 JKL	0.051 JKL	0.0038 JKL	0.0045 JKL
2,2',3,3',4,4',5,5',6-NonaCB-(206)	NV	0.16 UL	0.25 UL	0.043 UL	0.075 UL	0.44 JKL	0.092 UL	0.099 UL	0.058 UL	0.059 UL	0.053 UL	0.049 UL
2,2',3,3',4,4',5,6,6'-NonaCB-(207)	NV	1.9 L	2 L	0.048 L	0.036 L	3.4 L	0.11 L	0.073 L	0.87 L	0.66 L	0.043 UL	0.041 UL
2,2',3,3',4,5,5',6,6'-NonaCB-(208)	NV	0.14 U	0.21 UL	0.038 UL	0.077 UL	0.44 JK	0.08 UL	0.089 UL	0.05 U	0.054 U	0.048 UL	0.049 UL
DecaCB-(209)	NV	1.2	0.93	0.13 L	0.28 L	1.8 K	0.32 L	0.066 L	0.55	0.32	0.17 L	0.12 L
Total PCBs[a]	14,000	1,310 T	627 T	859 T	1,426 T	684 T	694 T	2,476 T	4,421 T	5,819 T	4,674 T	1,833 T
Total PCBs: Sampling Location Average[b]	14,000	1,055				1,284			4,187			
Total PCBs: Site Wide Average[c]	14,000	2,176										

Notes

+ = Result may be biased high. Qualification is based on a laboratory method blank detection.
C = Result coelutes with one or more PCB congeners.
J = Analyte concentration is below quantitation limit.
K = Result is an estimated maximum potential concentration.
L = Percent to steady state is less than 10 percent.
NV = no value.
PCB = polychlorinated biphenyl.
pg/L = picograms per liter.
T = Result was summed by SiREM after data was received from the lab.
U = Result is not detected to method detection limit.

Table 1
Freely-Dissolved PCBs in Pore Water Analytical Results
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	DEQ Freshwater Chronic Criterion Aquatic Life[1]	PW-01				PW-02			PW-03			
Sample Name:		PW-01	PW-01-DUP	PW-01	PW-01-DUP	PW-02	PW-02	PW-02-DUP	PW-03	PW-03-DUP	PW-03	PW-03-DUP
Monitoring Year:		Year 1		Year 2		Year 1	Year 2		Year 1		Year 2	
Collection Date:		11/22/2022	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/21/2023	11/21/2023	11/22/2022	11/22/2022	11/21/2023	11/21/2023
PCB Congeners (pg/L)												

[a]Total PCBs are the sum of all detected PCB congeners as reported by SiREM. When a congener is non-detect, it is not included in the summation.

[b]The sampling location average total PCB concentration was calculated by averaging the total PCB results from each sampling location.

[c]The site wide average total PCB concentration was calculated by averaging the sampling location average total PCB concentrations.

Reference

[1]DEQ 2019. *Table 30: Aquatic Life Water Quality Criteria for Toxic Pollutants Aquatic Life Criteria Summary* . Oregon Department of Environmental Quality. May.

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Table 2
Freely-Dissolved PCBs in Pore Water Comparison
East Whitaker Pond - Metro Metals Northwest, Inc.

Location:	PW-01	PW-02	PW-03	Sitewide Average
DEQ Freshwater Chronic Criterion Aquatic Life[1] (pg/L):	14,000	14,000	14,000	14,000
Total PCBs: Sampling Location Average[a] (pg/L)				
Baseline (2019)	27,004	17,763	6,844	17,204
Year One Post-RA (2022)	969	684	5,120	2,572
Year Two Post-RA (2023)	1,142	1,585	3,254	1,994

Notes

RA = remedial action.

PCB = polychlorinated biphenyl.

pg/L = picograms per liter.

[a]The sampling location average total PCB concentration was calculated by averaging the total PCB results from each sampling location.

Reference

[1]DEQ 2019. *Table 30: Aquatic Life Water Quality Criteria for Toxic Pollutants Aquatic Life Criteria Summary* . Oregon Department of Environmental Quality. May.

Attachment A

Cap Monitoring and Pore Water Sampling Photo Log

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PHOTOGRAPHS

Project Name: East Whitaker Pond Year 2 Monitoring
Project Number: M8022.08.005
Location: Portland, Oregon

Photo No. 1.

Description
East Whitaker Pond (the Pond) Area 2 from east bank, looking west; basking logs with vegetation growing on root wad

Photo No. 2.

Description
East end of Area 4 looking northwest.

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PHOTOGRAPHS

Project Name: East Whitaker Pond Year 2 Monitoring
Project Number: M8022.08.005
Location: Portland, Oregon

Photo No. 3.

Description
Middle of Area 4 in the west end of Pond, looking west; dense submerged vegetation.

Photo No. 4.

Description
East end of Area 4, looking east; dense submerged vegetation from north to south banks.

PHOTOGRAPHS

Project Name: East Whitaker Pond Year 2 Monitoring
Project Number: M8022.08.005
Location: Portland, Oregon

Photo No. 5.

Description
Area 3 north bank in restoration area, looking northeast.

Photo No. 6.

Description
South bank of Area 3, looking southwest.

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PHOTOGRAPHS

Project Name: East Whitaker Pond Year 2 Monitoring
Project Number: M8022.08.005
Location: Portland, Oregon

Photo No. 7.

Description
South bank of Area 2, looking south.

Photo No. 8.

Description
East end of pond from Area 2, looking east.

PHOTOGRAPHS

Project Name: East Whitaker Pond Year 2 Monitoring
Project Number: M8022.08.005
Location: Portland, Oregon

Photo No. 9.

Description
East end of pond, viewing northeast at year 1 erosional area, now fully stabilized with vegetation; looking east.

Attachment B

Sand Cap Visual Monitoring Form

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East Whitaker Pond Sand Cap Integrity Monitoring

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Sand Cap Visual Monitoring Form

Date: 10/12/23
Weather: OVERCAST / PARTLY SUNNY 57°-62°F CALM
Monitoring Event: Y2 - 2023
Personnel: J. FAUST
A. CLEMENTS

Monitoring Components		Observation Result
Shoreline Conditions	Is there any sign of sloughing, cracking, or significant erosion?	NO CHANGES FROM 2022 INSPECTION
Vegetative Cover	Are there areas of inconsistent vegetative cover or stressed or dead vegetation?	NO
Cap Material	Is there any apparent significant loss of sediment cap material?	NO
Pond Bottom Elevation	Are there any apparent changes in the bottom elevation of the pond (heaving or depressions)?	NO
Other	Are there any significant abnormalities or physical changes identified during visual monitoring?	NO

Comments:
WATER IS SLIGHTLY MURKY FROM WATERFOWL ACTIVITY
- VISIBILITY APPX 18 INCHES

EROSION AREA AT MMNW SW OUTFALL (COVER BANK) IS HEAVILY VEGETATED AND STABILIZED. NO ADDITIONAL SOIL EROSION OBSERVED COMPARED TO 2022 INSPECTION.

VEGETATION (AQUATIC) IS DENSE, APPARENT THAT WATERFOWL HAVE BEEN GRAZING. OBSERVED 3 TYPES OF VEG IN WATER COLUMN, ADD'L SPECIES ON BANK / EMERGENT AREAS

Attachment C

Laboratory Analytical Data and Validation Memorandum

MAUL FOSTER ALONGI

SiREM
Leading Science · Lasting Solutions

130 Stone Rd. W
Guelph, ON N1G 3Z2
(519) 822-2265

Certificate of Analysis
Concentrations of Freely Dissolved Analytes Measured via SP3™ Passive Samplers

Customer: Maul Foster & Alongi

SiREM Reference: Si-07068-083023

Site Sampling Date:

October 12, 2023 to November 21, 2023

Report Issued:

January 8, 2024

Introduction

This report represents the results from the *in situ* deployment of SP3™ passive samplers for the Metro Metals Northwest – East Whitaker Pond in OR ("the Site"). The data from passive samplers (6 deployed and 3 trip blank) were analyzed to determine the freely dissolved concentrations (C_{free}) of polychlorinated biphenyl (PCB) congeners in surface water. Each sampler consisted of a polyethylene (PE) sheet spiked with PCB Performance Reference Compounds (PRCs), which are used in the determination of C_{free}. The samplers were deployed on October 12, 2023 and retrieved on November 21, 2022. Details of the data analysis procedure are provided in Attachment A, the partitioning coefficients used in the data analysis are provided in Attachment B, and the Eurofins Environment Testing America analytical reports are provided in Attachment C.

SP3™ Sample Summary

Client Sample ID	Sampler Deployment Date	Sampler Retrieval Date	Sample Type	Analysis
PW-01	10/12/2023	11/21/2023	Sample	PCB congeners & PRCs
PW-01-DUP	10/12/2023	11/21/2023	Sample	PCB congeners & PRCs
PW-02	10/12/2023	11/21/2023	Sample	PCB congeners & PRCs
PW-02-DUP	10/12/2023	11/21/2023	Sample	PCB congeners & PRCs
PW-03	10/12/2023	11/21/2023	Sample	PCB congeners & PRCs
PW-03-DUP	10/12/2023	11/21/2023	Sample	PCB congeners & PRCs
TRIP BLANK PW-01	--	--	Trip Blank	PCB congeners & PRCs
TRIP BLANK PW-02	--	--	Trip Blank	PCB congeners & PRCs
TRIP BLANK PW-03	--	--	Trip Blank	PCB congeners & PRCs

Sampler Design, Deployment, and Chemical Analysis

This deployment used the standard SP3™ sampler design for PCB congeners. The standard SP3™ sampler consists of a 4 cm × 10 cm polyethylene sheet housed in a steel-mesh envelope attached to an 8 cm × 18 cm × 0.1 cm stainless steel support plate. Six (6) standard SP3™ samplers were prepared for 3 porewater water locations (deployed in duplicate). The SP3™ PE was spiked with rare congener PCB PRCs that are not present in any aroclor mixture and are assumed to: not be present in the media sampled or present at concentrations so low as to be inconsequential; not affect calculations involving PRCs; and be insignificant compared to the concentration of other freely-dissolved PCBs in the media sampled. The PRCs used for this project were: PCB-14, PCB-36, PCB-78, PCB-104, PCB-121, PCB-142, PCB-155, PCB-184, PCB-192, and PCB-204.[1]

The SP3™ samplers were deployed on October 12, 2023 and retrieved on November 21, 2023. The deployment time for the samplers was 40 days. Upon retrieval, the SP3™ samplers were wrapped in aluminum foil and placed in an opaque re-sealable bag. The samplers were then placed in an additional re-sealable plastic bag and packaged in a cooler with ice packs for overnight shipment to Eurofins Environment Testing America in Knoxville, TN.

During the deployment stage 3 PRC trip blanks (labelled as TRIP BLANK PW-01, TRIP BLANK PW-02, TRIP BLANK PW-03) remained in their original packaging under cold storage (approximately 4 degrees Celsius [°C]) except for a period on October 12, 2023 in which they were removed from the packaging by field personnel, exposed to ambient field conditions for approximately 5 minutes, and packaged for shipment in the same manner as the deployed samplers. The trip blanks were then shipped to the laboratory and kept in cold storage until the retrieved samplers were received. The trip blanks were processed by the laboratory along with the retrieved field samplers.

Processing of the samplers by Eurofins Environment Testing America included removal of the PE from the stainless-steel mesh envelope, wiping any visible sediment from the PE using a moist tissue, and determination of the concentrations of PCBs in PE by the EPA 1668A method. The analytical report provided by Eurofins Environment Testing America is attached to this report (Attachment C).

Results

C_{free} values for PCBs are reported in Table 1.

As detailed in Attachment A, concentrations of PRCs in the exposed samplers and trip blanks were used to estimate a compound-specific mass transport rate for each sampler. For example, if 100 ng/g of a PRC is present in a trip blank and 50 ng/g of the same PRC is present in a sampler following retrieval, the data indicate that the PRC is at 50% of its equilibrium concentration upon retrieval. With several different PRC depletion values, a predictive model can be constructed to estimate primary target compound fractional equilibrium, as described in greater detail in Attachment A. A full list of the K_{PE} values used for this analysis are tabulated in Attachment B.

[1] PCB shorthand nomenclature used in this report follows the Chemical Abstract Service (CAS) nomenclature used by USEPA (2003): United States Environmental Protection Agency (USEPA). 2003. Table of PCB Species by Congener Number.

TABLE 1

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-01			PW-01-DUP			PW-02			PW-02-DUP			PW-03		
Analyte	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL
	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L
PCB-1	ND		7.7	25	J q	7.6	ND		6.5	ND		7.6	39	J	6.6
PCB-2	ND		5.4	ND		5.2	ND		4.6	ND		5.6	72	J q	4.5
PCB-3	ND		4.8	ND		4.7	ND		4.3	ND		5.4	10	J q	4
PCB-4	65	J	11	200	J	8.7	ND		9.4	130	J	12	580		8.2
PCB-5	ND		7.2	ND		5.5	ND		5.6	ND		7.3	ND		5.2
PCB-6	ND		6.1	ND		4.2	ND		4.7	34	J	5.9	32	J	4.3
PCB-7	ND		5.5	ND		3.8	ND		4.3	ND		5.3	ND		3.9
PCB-8	ND		4.3	18	J	3.2	ND		3.6	68	J	4.5	91	J	3.1
PCB-9	ND		6.7	ND		4.7	ND		5.2	ND		6.3	ND		4.7
PCB-10	ND		11	37	J q	8	ND		8.6	19	J q	10	110	J	8.1
PCB-11	ND	J q B	4.1	2.1	J B	3.1	ND	J B	3.2	ND	J B	4	25	J B	2.8
PCB-12/13	ND	C	3.6	ND	C	2.7	ND	C	3.1	ND	C	3.7	43	J C	2.5
PCB-14															
PCB-15	ND		3	16	J	2.1	14	J	2.3	26	J	2.8	76		2
PCB-16	6.4	J	1.8	5.9	J q	1.6	12	J q	2.7	32	J	2.2	18	J	2.3
PCB-17	34	q	1.4	50	q	1.2	28	J	2.1	65		1.7	220		1.8
PCB-18/30	8.3	J q C	1.1	14	J C	0.97	26	J C	1.7	69	J C	1.4	57	C	1.4
PCB-19	70	q	2.3	130		2	39	J	3.4	57		2.7	280		3
PCB-20/28	13	J C	3.8	22	J q C	3.2	31	J C	5	71	C	3.7	180	C	3.7
PCB-21/33	ND	C	4.7	5.4	J q C B	3.9	16	J C B	5.9	38	J C B	4.5	28	J C B	4.6
PCB-22	ND		4.2	5.4	J	3.5	8.9	J	5.3	20	J	4	28		4.1
PCB-23	ND		6.1	ND		5	ND		7.6	ND		5.8	ND		5.9
PCB-24	ND		1.2	ND		1.1	ND		1.8	ND		1.5	1.8	J q	1.5
PCB-25	ND		3.9	7.1	J q	3.2	5.3	J	5	21	J	3.7	41		3.8
PCB-26/29	ND	C	5.2	9.5	J q C	4.3	10	J C	6.6	67	C	5	54	C	5
PCB-27	22	J	1.2	37		1.1	12	J	1.9	20	J q	1.6	110		1.6
PCB-31	10	J B	3.6	18	J B	3	26	J B	4.7	57	B	3.5	93	B	3.5
PCB-32	20	J B	0.84	30	B	0.75	15	J B	1.3	32	B	1.1	70	B	1.1
PCB-34	ND		6.3	ND		5.1	ND		7.8	ND		5.9	ND		6
PCB-35	ND		3.5	ND		3	ND		4.6	ND		3.4	ND		3.5
PCB-36															
PCB-37	ND		2.7	ND		2.3	ND		3.7	7.7	J	2.8	16		2.7
PCB-38	ND		3.7	ND		3.1	ND		4.8	ND		3.6	6	J	3.6
PCB-39	ND		3.2	ND		2.7	3.5	J q	4.2	ND		3.2	ND		3.1
PCB-40/41/71	15	J q C	0.31	17	J C	0.25	15	J C	0.32	47	C	0.85	57	C	0.36
PCB-42	7	J q	0.29	9.5		0.24	7.4	J q	0.3	27		0.84	29		0.34
PCB-43/73	4.2	J C	0.28	4	J q C	0.23	1.8	J C	0.29	12	J C	0.77	12	J C	0.33

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-01			PW-01-DUP			PW-02			PW-02-DUP			PW-03		
Analyte	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL
	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L
PCB-44/47/65	120	C	0.31	140	C	0.24	63	C	0.31	230	C	0.85	380	C	0.35
PCB-45/51	17	J C	0.4	25	C	0.32	9.4	J C	0.4	26	q C	1.1	46	C	0.46
PCB-46	3.3	J q	0.53	3.1	J q	0.42	2.5	J q	0.53	9.4	J q	1.5	7.5	J	0.61
PCB-48	3.9	J	0.29	4.3	J q	0.24	4.6	J	0.3	13	q	0.79	16		0.34
PCB-49/69	33	C	0.23	41	C	0.19	25	C	0.24	110	C	0.63	140	C	0.27
PCB-50/53	20	J C	0.38	23	J C	0.3	14	J C	0.38	41	C	1	45	C	0.44
PCB-52	63	B	0.37	76	B	0.29	48	B	0.37	320	B	1	280	B	0.42
PCB-54	2.4	J q	0.29	6.9	J	0.36	1.7	J	0.29	3	J q	0.37	8.7	J q	0.39
PCB-55	ND		0.13	0.46	J	0.11	ND		0.14	ND		0.37	1.6	J	0.16
PCB-56	1.7	J q	0.12	2.5	J q	0.1	2.1	J	0.13	5.5	J	0.34	12		0.14
PCB-57	ND		0.18	ND		0.14	ND		0.19	4.6	J	0.5	ND		0.21
PCB-58	ND		0.16	ND		0.13	ND		0.16	ND		0.43	ND		0.18
PCB-59/62/75	ND	C	0.2	3.4	J q C	0.17	3.3	J C	0.21	10	J C	0.58	13	J C	0.24
PCB-60	ND		0.13	1.4	J q	0.11	2.1	J q	0.14	2.2	J	0.38	6.3		0.16
PCB-61/70/74/76	16	J C B	0.14	25	J C B	0.12	16	J C B	0.16	71	C B	0.41	120	C B	0.17
PCB-63	ND		0.15	ND		0.13	ND		0.16	2.7	J q	0.43	4.7	J q	0.18
PCB-64	6.5	J	0.19	8.6	J q	0.16	9.7	J	0.2	31		0.54	35		0.23
PCB-66	7.7	B	0.13	11	B	0.11	7.6	J B	0.14	34	B	0.37	66	B	0.16
PCB-67	ND		0.13	ND		0.11	ND		0.14	2.1	J q	0.37	3.4	J q	0.15
PCB-68	3.3		0.14	4		0.12	2.4		0.15	9.3		0.4	7.3		0.17
PCB-72	ND		0.13	1.6	J	0.11	ND		0.14	3.8	J	0.38	4.2	J	0.16
PCB-77	ND		0.13	ND		0.12	ND		0.15	ND		0.39	7.2		0.16
PCB-78															
PCB-79	ND		0.092	ND		0.082	ND		0.1	ND		0.27	1.1	J q	0.12
PCB-80	ND		0.12	ND		0.1	ND		0.14	ND		0.35	ND		0.15
PCB-81	ND		0.12	ND	J q	0.1	ND	J	0.13	ND	J q	0.35	ND	J	0.14
PCB-82	2	J q	0.26	ND		0.33	ND		0.39	5.2		0.37	10		0.35
PCB-83/99	18	C	0.24	23	C	0.3	14	C	0.38	43	C	0.35	84	C	0.34
PCB-84	10		0.44	14		0.52	7.7		0.66	30		0.63	30		0.58
PCB-85/116/117	5.3	J C B	0.23	7.3	J C B	0.28	4.8	J C B	0.36	12	J C B	0.33	24	C B	0.31
PCB-86/87/97/109/119/125	20	J C	0.22	23	J C	0.28	14	J q C	0.35	46	C	0.33	80	C	0.3
PCB-88/91	7.7	J C	0.32	9.5	J q C	0.4	4.8	J C	0.48	17	C	0.45	24	C	0.43
PCB-89	ND		0.31	ND		0.39	ND		0.46	ND		0.43	ND		0.42
PCB-90/101/113	39	C B	0.25	47	C B	0.31	29	C B	0.39	87	C B	0.36	160	C B	0.33
PCB-92	19		0.32	18		0.4	10		0.51	29		0.45	42		0.45
PCB-93/100	6.1	J C	0.31	6.7	J q C	0.38	7.9	J C	0.49	8	J q C	0.43	10	C	0.43
PCB-94	ND		0.44	ND		0.52	ND		0.62	ND		0.59	2.3	J	0.58

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-01			PW-01-DUP			PW-02			PW-02-DUP			PW-03		
Analyte	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL
	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L
PCB-95	35		0.38	40		0.46	25		0.55	100		0.52	120		0.52
PCB-96	ND		0.33	11	q	0.37	ND		0.47	ND		0.41	7.6		0.43
PCB-98/102	ND	C	0.27	2	J q C	0.35	ND	C	0.41	3.3	J q C	0.39	4.3	J C	0.38
PCB-103	ND		0.37	ND		0.42	ND		0.54	ND		0.47	3	J	0.48
PCB-104															
PCB-105	4.4		0.21	5.9		0.27	3	J	0.28	10		0.43	26		0.45
PCB-106	3.9		0.23	3.6		0.29	2.1		0.31	2.7		0.48	2		0.52
PCB-107	1.5	J q	0.21	1.8	J	0.27	1	J	0.29	3.1	J	0.43	6.8		0.46
PCB-108/124	0.88	J C	0.23	1.1	J q C	0.29	0.41	J q C	0.32	1.7	J q C	0.47	3.8	J C	0.52
PCB-110/115	26	C B	0.16	34	C B	0.2	21	C B	0.24	65	C B	0.22	120	C B	0.22
PCB-111	ND		0.19	ND		0.23	ND		0.29	ND		0.26	ND		0.26
PCB-112	ND		0.18	ND		0.22	ND		0.27	0.56	J q	0.25	ND		0.24
PCB-114	ND		0.2	0.38	J q	0.26	ND		0.26	0.99	J	0.41	1.7	J q	0.44
PCB-118	15		0.21	21		0.28	12		0.29	41		0.43	92		0.51
PCB-120	ND		0.12	ND		0.16	ND		0.19	ND		0.18	ND		0.17
PCB-121															
PCB-122	ND		0.29	ND		0.37	ND		0.39	ND		0.6	1.4	J q	0.65
PCB-123	ND		0.2	ND		0.27	ND		0.28	0.57	J q	0.41	1.4	J	0.49
PCB-126	ND		0.17	ND		0.23	ND		0.24	ND		0.38	ND		0.37
PCB-127	ND		0.2	ND		0.25	ND		0.27	ND		0.39	ND		0.44
PCB-128/166	2.3	J C	0.14	3.6	J C	0.22	2.1	J C	0.24	3.2	J C	0.22	8.9	C	0.17
PCB-129/138/160/163	17	C	0.18	27	C	0.27	12	J C	0.28	25	C	0.26	56	C	0.2
PCB-130	0.93	J q	0.24	2.1	J	0.37	ND		0.37	1.7	J q	0.36	4.4		0.28
PCB-131	ND		0.26	ND		0.37	ND		0.38	ND		0.37	ND		0.29
PCB-132	7.9		0.25	13		0.37	7.4	q	0.38	14		0.36	19		0.28
PCB-133	ND		0.23	ND		0.33	ND		0.35	0.99	J	0.33	1.2	J q	0.25
PCB-134/143	1.5	J q C	0.29	2.3	J C	0.42	0.9	J q C	0.42	2.8	J C	0.41	4.4	J C	0.32
PCB-135/151	5	C	0.017	6.2	q C	0.14	4.1	J q C	0.16	10	C	0.081	16	C	0.089
PCB-136	2.4	q	0.013	3.8		0.11	2.4	J q	0.12	5.3		0.061	6.6		0.067
PCB-137	0.69	J q	0.15	1.3	J	0.24	ND		0.24	1.5	J	0.23	2.8		0.18
PCB-139/140	ND	C	0.17	ND	C	0.26	ND	C	0.27	0.87	J C	0.25	1.1	J C	0.19
PCB-141	2	q	0.19	3.9		0.3	1.7	J	0.31	3.5		0.3	7.2		0.23
PCB-142															
PCB-144	ND		0.015	ND		0.13	ND		0.14	0.96	J	0.073	2	J	0.081
PCB-145	ND		0.012	0.62	J q	0.1	ND		0.11	ND		0.057	ND		0.064
PCB-146	1.7	J q	0.17	3		0.25	1.1	J q	0.25	3.3		0.25	6.1		0.19
PCB-147/149	12	C	0.2	20	C	0.3	9.7	C	0.32	21	C	0.3	36	C	0.23

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-01			PW-01-DUP			PW-02			PW-02-DUP			PW-03		
Analyte	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL
	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L
PCB-148	ND		0.014	ND		0.12	ND		0.13	ND		0.069	ND		0.075
PCB-150	ND		0.012	0.21	J q	0.099	0.49	J q	0.11	0.58	J q	0.056	ND		0.061
PCB-152	ND	J	0.013	ND	J	0.11	0.5	J	0.12	1.6		0.061	0.65	J	0.068
PCB-153/168	9.3	C	0.13	14	C	0.2	7	C	0.2	15	C	0.19	31	C	0.15
PCB-154	0.16	J q	0.011	0.26	J	0.099	0.27	J	0.11	0.012	J q	0.055	0.46	J	0.061
PCB-155															
PCB-156/157	1.2	J C	0.13	2	J C	0.29	1.1	J C	0.22	2	J C	0.2	5.4	C	0.16
PCB-158	1.4	J	0.12	2.1		0.18	0.94	J	0.19	2.2	J	0.18	4.6		0.13
PCB-159	0.027		0.11	0.39		0.17	ND	J	0.17	ND	J	0.16	ND	J	0.12
PCB-161	1.7		0.14	4.9		0.2	ND		0.21	ND		0.2	0.52		0.15
PCB-162	ND		0.13	ND		0.2	ND		0.22	ND		0.2	ND		0.15
PCB-164	1.2	J	0.15	1.7	J q	0.22	0.74	J q	0.23	1.6	J	0.22	2.9	q	0.17
PCB-165	0.43	q	0.18	0.5		0.26	ND		0.28	ND		0.27	ND		0.2
PCB-167	0.43	J	0.098	0.58	J	0.12	ND		0.15	0.69	J	0.15	1.5	J	0.11
PCB-169	ND		0.069	ND		0.099	ND	L	0.12	ND		0.12	ND		0.088
PCB-170	ND		0.0099	ND		0.0054	ND	L	0.086	ND	L	0.057	2	q	0.072
PCB-171/173	ND	C	0.01	ND	C	0.0052	ND	C L	0.083	ND	C	0.059	ND	C	0.073
PCB-172	ND		0.0097	ND		0.0051	ND	L	0.081	ND		0.058	ND		0.067
PCB-174	ND		0.01	ND		0.005	ND	L	0.081	ND		0.059	1.5		0.071
PCB-175	ND		0.01	ND		0.0053	ND	L	0.085	ND		0.061	ND		0.075
PCB-176	ND		0.0084	ND		0.0043	ND	L	0.069	ND		0.05	ND		0.061
PCB-177	ND		0.0098	ND		0.005	ND	L	0.079	ND		0.057	1	J	0.068
PCB-178	ND		0.012	ND		0.0061	ND	L	0.097	ND		0.07	ND		0.085
PCB-179	ND		0.008	ND		0.0041	ND		0.066	0.43	J q	0.048	0.76	J	0.057
PCB-180/193	2.5	C	0.0069	2.7	q C L	0.0036	1.7	J C L	0.057	2.5	q C L	0.04	6.6	C	0.05
PCB-181	ND		0.0075	ND		0.004	ND	L	0.064	ND	L	0.046	ND		0.056
PCB-182	ND		0.007	ND		0.0039	ND	L	0.062	ND	L	0.043	ND		0.054
PCB-183/185	ND	C	0.009	ND	C	0.0048	ND	C L	0.077	ND	C	0.055	1	J q C B	0.067
PCB-184															
PCB-186	ND		0.0077	ND		0.0038	ND		0.06	ND		0.044	ND		0.053
PCB-187	ND		0.007	ND		0.0037	ND	L	0.059	ND	L	0.042	1.5		0.051
PCB-188	ND		0.0072	ND		0.0037	ND	L	0.057	0.32	J q	0.044	0.37	J	0.052
PCB-189	ND		0.038	ND	L	0.075	ND	L	0.12	ND	L	0.079	ND		0.05
PCB-190	ND		0.0059	ND		0.0032	ND	L	0.052	ND	L	0.037	ND		0.045
PCB-191	ND		0.0059	ND		0.0033	ND	L	0.053	ND	L	0.038	ND		0.046
PCB-192		B			B			B			B			B	
PCB-194	0.063	J q	0.015	0.078	J q L	0.022	ND	L	0.036	0.069	J q L	0.023	0.19	J L	0.022

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-01			PW-01-DUP			PW-02			PW-02-DUP			PW-03		
Analyte	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL	Result	Qualifier	MDL
	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L	pg/L		pg/L
PCB-195	0.028	J q	0.017	ND	L	0.025	ND	L	0.04	ND	L	0.026	0.058	J q L	0.024
PCB-196	ND		0.018	ND	L	0.044	ND	L	0.048	ND	L	0.032	ND	L	0.041
PCB-197	0.086		0.013	ND	L	0.033	ND	L	0.036	ND	L	0.024	ND	L	0.032
PCB-198/199	ND	C	0.019	ND	C L	0.045	ND	C	0.05	ND	C L	0.033	ND	C L	0.045
PCB-200	ND		0.017	0.22	q L	0.039	ND	J L	0.044	ND	J q L	0.029	0.15	q L	0.039
PCB-201	ND		0.017	ND	L	0.04	ND	L	0.044	ND	L	0.029	ND	L	0.039
PCB-202	ND		0.019	ND	L	0.044	ND	L	0.049	ND	L	0.033	ND		0.044
PCB-203	ND		0.015	ND	L	0.035	ND	L	0.039	ND	L	0.026	ND	L	0.035
PCB-204															
PCB-205	0.015	J q	0.013	ND	J q L	0.018	0.049	J L	0.029	0.032	J L	0.019	0.0038	J q L	0.018
PCB-206	ND	L	0.043	ND	L	0.075	ND	L	0.092	ND	L	0.099	ND	L	0.053
PCB-207	0.048	L	0.033	0.036	L	0.067	0.11	L	0.073	0.073	L	0.08	ND	L	0.043
PCB-208	ND	L	0.038	ND	L	0.077	ND	L	0.08	ND	L	0.089	ND	L	0.048
PCB-209	0.13	L	0.0056	0.28	L	0.0092	0.32	L	0.018	0.066	L	0.0094	0.17	L	0.0081
Total PCBs	**859**			**1426**			**694**			**2476**			**4674**		

Notes:

B: Compound found in the blank and sample.
C: The compound co-eluted with other compounds.
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L: Percent to steady state less than 10%.
MDL: method detection limit
ND: Non-detect
PCB: polychlorinated biphenyl
pg/L: picograms per liter
q: The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-03-DUP		
Analyte	Result	Qualifier	MDL
	pg/L		pg/L
PCB-1	19	J q	9.8
PCB-2	46	J	6.8
PCB-3	ND		6.2
PCB-4	250	J	12
PCB-5	ND		7.6
PCB-6	ND		6
PCB-7	ND		5.4
PCB-8	33	J	4.6
PCB-9	ND		6.5
PCB-10	65	J	12
PCB-11	16	J B	4.4
PCB-12/13	ND	C	3.8
PCB-14			
PCB-15	24	J q	3
PCB-16	8.2	J q	2.2
PCB-17	77		1.7
PCB-18/30	25	J C	1.3
PCB-19	130		2.8
PCB-20/28	61	C	4.8
PCB-21/33	8.7	J C B	5.9
PCB-22	10	J	5.2
PCB-23	ND		7.6
PCB-24	ND		1.5
PCB-25	12	J q	4.9
PCB-26/29	18	J q C	6.6
PCB-27	54		1.5
PCB-31	33	J B	4.5
PCB-32	18	J B	1
PCB-34	ND		7.8
PCB-35	ND		4.5
PCB-36			
PCB-37	5.2	J	3.5
PCB-38	ND		4.7
PCB-39	4.2	J	4
PCB-40/41/71	21	J C	0.2
PCB-42	11	J	0.19
PCB-43/73	3.9	J C	0.19

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-03-DUP		
Analyte	Result	Qualifier	MDL
	pg/L		pg/L
PCB-44/47/65	160	C	0.2
PCB-45/51	17	J C	0.26
PCB-46	3	J q	0.35
PCB-48	5.8	J	0.19
PCB-49/69	54	C	0.15
PCB-50/53	25	J C	0.25
PCB-52	120	B	0.24
PCB-54	4.8	J	0.59
PCB-55	ND		0.084
PCB-56	3.4	J	0.078
PCB-57	ND		0.12
PCB-58	ND		0.1
PCB-59/62/75	5.8	J C	0.13
PCB-60	2.2	J q	0.084
PCB-61/70/74/76	43	C B	0.094
PCB-63	ND		0.097
PCB-64	15		0.13
PCB-66	20	B	0.086
PCB-67	ND		0.082
PCB-68	3.6		0.093
PCB-72	ND		0.087
PCB-77	ND		0.088
PCB-78			
PCB-79	ND		0.061
PCB-80	ND		0.08
PCB-81	5.4		0.076
PCB-82	ND		0.31
PCB-83/99	30	C	0.28
PCB-84	13		0.53
PCB-85/116/117	9.5	J C B	0.28
PCB-86/87/97/109/119/125	30	J C	0.28
PCB-88/91	8.1	J q C	0.39
PCB-89	ND		0.38
PCB-90/101/113	57	C B	0.29
PCB-92	22		0.39
PCB-93/100	8.2	J C	0.37
PCB-94	ND		0.53

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-03-DUP		
Analyte	Result	Qualifier	MDL
	pg/L		pg/L
PCB-95	43		0.46
PCB-96	11		0.38
PCB-98/102	ND	C	0.34
PCB-103	ND		0.42
PCB-104			
PCB-105	8.5		0.33
PCB-106	1		0.37
PCB-107	2.4	J	0.34
PCB-108/124	1.2	J C	0.38
PCB-110/115	41	C B	0.18
PCB-111	ND		0.22
PCB-112	ND		0.21
PCB-114	ND		0.32
PCB-118	29		0.35
PCB-120	ND		0.15
PCB-121			
PCB-122	ND		0.48
PCB-123	ND		0.35
PCB-126	ND		0.27
PCB-127	ND		0.31
PCB-128/166	2.9	J C	0.12
PCB-129/138/160/163	19	C	0.15
PCB-130	1.6	J	0.19
PCB-131	ND		0.21
PCB-132	7.6		0.21
PCB-133	ND		0.18
PCB-134/143	1.6	J C	0.23
PCB-135/151	5.7	J C	0.082
PCB-136	2.3	J q	0.061
PCB-137	0.89	J	0.12
PCB-139/140	ND	C	0.14
PCB-141	2.1	J q	0.16
PCB-142			
PCB-144	ND		0.073
PCB-145	ND		0.059
PCB-146	1.9	J	0.13
PCB-147/149	12	C	0.17

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-03-DUP		
Analyte	Result	Qualifier	MDL
	pg/L		pg/L
PCB-148	ND		0.069
PCB-150	0.56	J q	0.056
PCB-152	0.5	J	0.063
PCB-153/168	9.6	C	0.11
PCB-154	0.46	J	0.053
PCB-155			
PCB-156/157	1.6	J C	0.11
PCB-158	1.6	J	0.095
PCB-159	0.18		0.09
PCB-161	0.39		0.11
PCB-162	ND		0.11
PCB-164	1.1	J	0.12
PCB-165	0.25		0.15
PCB-167	0.54	J	0.078
PCB-169	ND		0.057
PCB-170	ND		0.053
PCB-171/173	ND	C	0.054
PCB-172	ND		0.053
PCB-174	ND		0.054
PCB-175	ND		0.055
PCB-176	ND		0.046
PCB-177	ND		0.052
PCB-178	ND		0.065
PCB-179	ND		0.045
PCB-180/193	2.4	q C	0.036
PCB-181	ND		0.041
PCB-182	ND		0.04
PCB-183/185	ND	C	0.05
PCB-184			
PCB-186	ND		0.041
PCB-187	ND		0.038
PCB-188	ND		0.039
PCB-189	ND		0.072
PCB-190	ND		0.033
PCB-191	ND		0.034
PCB-192		B	
PCB-194	0.04	J q L	0.021

Table 1. Concentration of Freely-Dissolved (Cfree) Analytes.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID	PW-03-DUP		
Analyte	Result	Qualifier	MDL
	pg/L		pg/L
PCB-195	ND	L	0.023
PCB-196	ND	L	0.022
PCB-197	0.39	L	0.016
PCB-198/199	ND	C	0.023
PCB-200	ND		0.02
PCB-201	ND		0.02
PCB-202	ND		0.024
PCB-203	ND	L	0.017
PCB-204			
PCB-205	0.0045	J q L	0.017
PCB-206	ND	L	0.049
PCB-207	ND	L	0.041
PCB-208	ND	L	0.049
PCB-209	0.12	L	0.0068
Total PCBs	**1833**		

Notes:

B: Compound found in the blank and sample.
C: The compound co-eluted with other compounds.
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L: Percent to steady state less than 10%.
MDL: method detection limit
ND: Non-detect
PCB: polychlorinated biphenyl
pg/L: picograms per liter
q: The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

ATTACHMENT A:

DATA ANALYSIS METHODS

Attachment A:

Data Analysis Methods
Concentrations of Freely Dissolved Analytes
Measured via SP3™ Passive Samplers

The concentration of analytes (Table A1) in PE obtained from the information provided in the analytical report (Attachment C) are used in a multi-step data process to calculate C_{free} analytes as described below.

Step 1:

The concentrations of the PRCs in PE [PE_t] were used to calculate the elimination rate (k_e) values for the PRCs in each deployed sampler using the following equation (Lohmann, 2012):

$$PRC\ k_e = \ln\left(\frac{[PE_{t=0}]}{[PE_{t=final}]}\right) \div t_{final}$$

where:

$PE_{t=0}$	= the average concentration of the PRC present in the PE at the beginning of the deployment (obtained from an average measurement of the PRC control blanks)
$PE_{t=final}$	= the concentration of the PRC in the PE after the deployment (obtained from each deployed PE sampler)
t_{final}	= the deployment time (in days)
k_e	= the elimination rate (in $days^{-1}$)

PRC k_e values for the PRCs in each sampler are shown in Table A2. The values are also expressed as a percentage of steady state (concentration at equilibrium). Several PRC k_e values were not calculated and were treated as outliers because $PE_{t=final}$ values were equal to or greater than $PE_{t=0}$ values.

Step 2:

The second step was to estimate k_e values for the non-PRC primary analytes (non-PRC PCB) in each of the deployed samplers. This was accomplished by developing a linear regression model using PRC k_e values (dependent variable, from Table A2) and PE-water partition coefficients (K_{PE}) for each PRC PCB (independent variable). K_{PE} values used are provided in Attachment B. Note that regression models were specific to each sampler (i.e. not global to the whole deployment) as local geologic and hydrodynamic conditions can vary greatly within a site.

Values were $\log_{10}$-transformed per Tomaszewski and Luthy (2008). By entering the analyte-specific K_{PE} into the linear regression model developed for each sampler (Attachment B), k_e values for each of the primary analytes for each sampler were calculated.

Step 3:

Concentrations of some non-PRC PCBs (Table A1) in PE were corrected for trace levels of non-PRC PCBs present in the PRC control blanks (due to trace levels present in the PRC spiking solutions). Using the sample specific k_e values, the expected amount of these trace primary analyte PCBs present in the sample at the end of deployment (*Trace PCB* $_{t = final}$) was calculated via the following equation:

$$[Trace\ PCB_{t = final}] = \frac{[Trace\ PCB_{t = 0}]}{e^{k_e \times t_{final}}}$$

where:

Trace PCB$_{t = final}$ = the concentration of trace PCBs remaining in the sample at the end of the deployment

Trace PCB$_{t = 0}$ = the average concentration of the trace PCB in the PE at the beginning of the deployment (obtained from an average measurement of the trace PCBs in the PRC control blanks)

k_e = the elimination rate value predicted by the sampler-specific regression model (in days^{-1})

t_{final} = the deployment time (in days)

Concentrations of *Trace PCB* $_{t = final}$ values were then subtracted from the measured concentrations of non-PRC PCBs in PE (Table A1).

Step 4:

This step describes the calculation of sampling rate correction factors (*CF*s) for each primary analyte in each sampler. The following equation is used, as adapted from Lohmann (2012):

$$CF = \frac{1}{1 - e^{-k_e \times t_{final}}}$$

where:

k_e = the elimination rate value predicted by the sampler-specific regression model (in days^{-1})

t_{final} = the deployment time (in days).

Step 5:

The concentration of primary analyte in the PE of each sampler (obtained from Table A1) were multiplied by the *CF* values to calculate the steady-state concentration of primary analytes.

Step 6:

In the final step, the steady-state concentrations are divided by K_{PE} values (Attachment B) to obtain the concentrations of C_{free} for the primary analytes. These are reported in Table 1. C_{free} Method Detection Limits (MDLs) were calculated in the approach described above using the estimated MDL concentration in PE, as reported the analytical laboratory and shown in Table A1.

For samples in which the percentage of steady state was indicated to be less than 10% for a primary analyte, C_{free} was calculated and given an “L” qualifier in Table 1. Estimates associated with L-qualified values should be evaluated with caution due to the higher level of uncertainty associated with high CF values (i.e., higher than 10).

References Cited

Lohmann, R. 2012. Critical review of low-density polyethylene's partitioning and diffusion coefficients for trace organic contaminants and implications for its use as a passive sampler. Environ. Sci. Technol.: 46:606-618.

Tomaszewski, J.E., and Luthy, R.G. 2008. Field deployment of polyethylene devices to measure PCB concentrations in pore water of contaminated sediment. Environ. Sci. Technol. 42:6086-6091.

United States Environmental Protection Agency (USEPA). 2003. Table of PCB Species by Congener Number.

TABLE A1

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-01			PW-01-DUP			PW-02			PW-02-DUP		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-1	Mono		ND		0.035	0.12	J q	0.037	ND		0.031	ND		0.036
PCB-2	Mono		ND		0.039	ND		0.042	ND		0.036	ND		0.042
PCB-3	Mono		ND		0.046	ND		0.052	ND		0.045	ND		0.054
PCB-4	Di		0.83	J	0.14	3	J	0.13	ND		0.13	1.8	J	0.16
PCB-5	Di		ND		0.14	ND		0.13	ND		0.12	ND		0.15
PCB-6	Di		ND		0.12	ND		0.1	ND		0.1	0.7	J	0.12
PCB-7	Di		ND		0.14	ND		0.12	ND		0.12	ND		0.14
PCB-8	Di		ND		0.11	0.56	J	0.1	ND		0.099	1.8	J	0.12
PCB-9	Di		ND		0.13	ND		0.11	ND		0.11	ND		0.13
PCB-10	Di		ND		0.15	0.6	J q	0.13	ND		0.13	0.28	J q	0.15
PCB-11	Di		1.1	J q B	0.12	0.82	J B	0.11	1.3	J B	0.1	1.4	J B	0.12
PCB-12/13	Di		ND	C	0.13	ND	C	0.12	ND	C	0.12	ND	C	0.14
PCB-14	Di	PRC	510		0.14	390		0.12	600		0.12	780		0.14
PCB-15	Di		ND		0.15	1	J	0.13	0.75	J	0.12	1.3	J	0.14
PCB-16	Tri		0.33	J	0.089	0.37	J q	0.097	0.62	J q	0.14	1.6	J	0.11
PCB-17	Tri		2.2	q	0.088	4	q	0.096	1.9	J	0.14	4.2		0.11
PCB-18/30	Tri		0.51	J q C	0.059	1	J C	0.065	1.5	J C	0.094	3.8	J C	0.074
PCB-19	Tri		2.5	q	0.083	5.8		0.09	1.5	J	0.13	2.1		0.1
PCB-20/28	Tri		1.4	J C	0.4	2.8	J q C	0.4	3.1	J C	0.5	7.1	C	0.37
PCB-21/33	Tri		ND	C	0.39	0.55	J q C B	0.39	1.3	J C B	0.49	3.1	J C B	0.37
PCB-22	Tri		ND		0.37	0.57	J	0.37	0.77	J	0.46	1.7	J	0.34
PCB-23	Tri		ND		0.43	ND		0.43	ND		0.54	ND		0.4
PCB-24	Tri		ND		0.06	ND		0.066	ND		0.095	ND		0.076
PCB-25	Tri		ND		0.34	0.75	J q	0.34	0.46	J	0.43	1.8	J	0.32
PCB-26/29	Tri		ND	C	0.44	0.97	J q C	0.44	0.85	J C	0.55	5.5	C	0.41
PCB-27	Tri		1.1	J	0.062	2.3		0.068	0.61	J	0.099	1	J q	0.078
PCB-31	Tri		0.99	J B	0.36	2.1	J B	0.36	2.5	J B	0.45	5.4	B	0.33
PCB-32	Tri		1.3	J B	0.054	2.4	B	0.059	0.99	J B	0.086	2.1	B	0.068
PCB-34	Tri		ND		0.44	ND		0.44	ND		0.55	ND		0.41
PCB-35	Tri		ND		0.39	ND		0.39	ND		0.49	ND		0.36
PCB-36	Tri	PRC	270		0.34	250		0.34	290		0.43	310		0.32
PCB-37	Tri		ND		0.38	ND		0.38	ND		0.48	1	J	0.36
PCB-38	Tri		ND		0.37	ND		0.37	ND		0.47	ND		0.35
PCB-39	Tri		ND		0.38	ND		0.38	0.77	J q	0.48	ND		0.36
PCB-40/41/71	Tetra		2.5	J q C	0.052	3.2	J C	0.047	2.3	J C	0.048	7.2	C	0.13
PCB-42	Tetra		1.4	J q	0.057	2.1		0.052	1.3	J q	0.053	4.9		0.15

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-01			PW-01-DUP			PW-02			PW-02-DUP		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-43/73	Tetra		2.1	J C	0.044	2	J q C	0.04	1.8	J C	0.041	3.2	J C	0.11
PCB-44/47/65	Tetra		41	C	0.047	45	C	0.043	33	C	0.043	57	C	0.12
PCB-45/51	Tetra		3.6	J C	0.056	5.1	C	0.051	2.5	J C	0.052	4.7	q C	0.14
PCB-46	Tetra		0.41	J q	0.066	0.45	J q	0.061	0.29	J q	0.062	1.1	J q	0.17
PCB-48	Tetra		0.71	J	0.052	0.87	J q	0.048	0.75	J	0.049	2.2	q	0.13
PCB-49/69	Tetra		6.3	C	0.044	8.8	C	0.04	4.2	C	0.041	20	C	0.11
PCB-50/53	Tetra		2.7	J C	0.051	3.6	J C	0.047	1.7	J C	0.047	5.1	C	0.13
PCB-52	Tetra		7.8	B	0.046	11	B	0.042	5.6	B	0.043	37	B	0.12
PCB-54	Tetra		0.41	J q	0.026	0.91	J	0.039	0.35	J	0.026	0.46	J q	0.033
PCB-55	Tetra		ND		0.031	0.12	J	0.028	ND		0.029	ND		0.079
PCB-56	Tetra		0.47	J q	0.032	0.73	J q	0.029	0.47	J	0.03	1.3	J	0.082
PCB-57	Tetra		ND		0.035	ND		0.032	ND		0.033	0.82	J	0.09
PCB-58	Tetra		ND		0.031	ND		0.028	ND		0.028	ND		0.078
PCB-59/62/75	Tetra		ND	C	0.039	0.73	J q C	0.036	0.56	J C	0.036	1.8	J C	0.1
PCB-60	Tetra		ND		0.037	0.44	J q	0.034	0.51	J q	0.035	0.55	J	0.095
PCB-61/70/74/76	Tetra		3.9	J C B	0.034	6.3	J C B	0.031	3.2	J C B	0.032	15	C B	0.087
PCB-63	Tetra		ND		0.037	ND		0.034	ND		0.034	0.59	J q	0.094
PCB-64	Tetra		1.3	J	0.038	1.9	J q	0.035	1.7	J	0.035	5.5		0.097
PCB-66	Tetra		1.9	B	0.032	3	B	0.029	1.6	J B	0.03	7.3	B	0.081
PCB-67	Tetra		ND		0.03	ND		0.027	ND		0.027	0.43	J q	0.075
PCB-68	Tetra		4.6		0.035	4.7		0.032	4.6		0.032	6.1		0.089
PCB-72	Tetra		ND		0.034	0.44	J	0.031	ND		0.031	0.86	J	0.086
PCB-77	Tetra		ND		0.037	ND		0.034	ND		0.035	ND		0.094
PCB-78	Tetra	PRC	700		0.032	680		0.03	720		0.03	750		0.083
PCB-79	Tetra		ND		0.027	ND		0.025	ND		0.025	ND		0.069
PCB-80	Tetra		ND		0.031	ND		0.028	ND		0.029	ND		0.078
PCB-81	Tetra		ND		0.039	1.1	J q	0.035	1.2	J	0.036	0.87	J q	0.1
PCB-82	Penta		0.94	J q	0.12	ND		0.15	ND		0.14	2		0.14
PCB-83/99	Penta		9	C	0.12	11	C	0.14	5.2	C	0.14	17	C	0.14
PCB-84	Penta		3.5		0.15	4.7		0.18	2.1		0.18	8.5		0.18
PCB-85/116/117	Penta		2.3	J C B	0.1	3.1	J C B	0.12	1.6	J C B	0.12	4.3	J C B	0.12
PCB-86/87/97/109/119/125	Penta		9.1	J C	0.1	10	J C	0.12	4.9	J q C	0.12	17	C	0.12
PCB-88/91	Penta		3.1	J C	0.13	3.8	J q C	0.16	1.5	J C	0.15	5.8	C	0.15
PCB-89	Penta		ND		0.12	ND		0.15	ND		0.14	ND		0.14
PCB-90/101/113	Penta		17	C B	0.11	20	C B	0.13	9.6	C B	0.13	31	C B	0.13
PCB-92	Penta		7.5		0.13	7.1		0.16	3.2		0.16	9.7		0.15

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-01			PW-01-DUP			PW-02			PW-02-DUP		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-93/100	Penta		2.6	J C	0.13	2.8	J q C	0.16	2.6	J C	0.16	2.8	J q C	0.15
PCB-94	Penta		ND		0.15	ND		0.18	ND		0.17	ND		0.17
PCB-95	Penta		12		0.13	14		0.16	6.9		0.15	29		0.15
PCB-96	Penta		ND		0.091	3.1	q	0.11	ND		0.11	ND		0.1
PCB-98/102	Penta		ND	C	0.11	0.81	J q C	0.14	ND	C	0.13	1.1	J q C	0.13
PCB-103	Penta		ND		0.13	ND		0.15	ND		0.15	ND		0.14
PCB-104	Penta	PRC	1500		0.1	1500		0.12	1600		0.12	1600		0.12
PCB-105	Penta		2.9		0.14	3.5		0.16	1.4	J	0.13	5.3		0.22
PCB-106	Penta		15		0.12	15		0.14	15		0.12	15		0.2
PCB-107	Penta		0.83	J q	0.12	0.96	J	0.14	0.43	J	0.12	1.4	J	0.19
PCB-108/124	Penta		0.49	J C	0.13	0.56	J q C	0.15	0.17	J q C	0.13	0.75	J q C	0.21
PCB-110/115	Penta		13	C B	0.077	16	C B	0.092	7.6	C B	0.09	26	C B	0.089
PCB-111	Penta		ND		0.086	ND		0.1	ND		0.1	ND		0.098
PCB-112	Penta		ND		0.074	ND		0.088	ND		0.086	0.19	J q	0.085
PCB-114	Penta		ND		0.13	0.22	J q	0.15	ND		0.12	0.5	J	0.21
PCB-118	Penta		9.4		0.13	12		0.16	5.2		0.13	20		0.21
PCB-120	Penta		ND		0.069	ND		0.082	ND		0.08	ND		0.079
PCB-121	Penta	PRC	470		0.082	450		0.097	490		0.095	410		0.094
PCB-122	Penta		ND		0.15	ND		0.18	ND		0.15	ND		0.25
PCB-123	Penta		ND		0.13	ND		0.16	ND		0.13	0.29	J q	0.21
PCB-126	Penta		ND		0.12	ND		0.15	ND		0.12	ND		0.21
PCB-127	Penta		ND		0.12	ND		0.14	ND		0.12	ND		0.19
PCB-128/166	Hexa		2.6	J C	0.16	3.3	J C	0.2	1.5	J C	0.17	2.6	J C	0.18
PCB-129/138/160/163	Hexa		17	C	0.18	22	C	0.22	8.1	J C	0.18	18	C	0.19
PCB-130	Hexa		0.95	J q	0.24	1.8	J	0.31	ND		0.25	1.3	J q	0.27
PCB-131	Hexa		ND		0.23	ND		0.28	ND		0.23	ND		0.25
PCB-132	Hexa		7		0.22	9.8		0.28	4.4	q	0.23	9.4		0.24
PCB-133	Hexa		ND		0.2	ND		0.25	ND		0.21	0.66	J	0.22
PCB-134/143	Hexa		1.2	J q C	0.23	1.6	J C	0.29	0.49	J q C	0.23	1.7	J C	0.25
PCB-135/151	Hexa		3.9	C	0.013	4.2	q C	0.097	2.2	J q C	0.084	6.1	C	0.048
PCB-136	Hexa		1.9	q	0.01	2.6		0.075	1.3	J q	0.065	3.2		0.037
PCB-137	Hexa		0.98	J q	0.21	1.4	J	0.26	ND		0.21	1.5	J	0.23
PCB-139/140	Hexa		ND	C	0.18	ND	C	0.23	ND	C	0.19	0.7	J C	0.2
PCB-141	Hexa		2.1	q	0.2	3.4		0.26	1.2	J	0.21	2.7		0.23
PCB-142	Hexa	PRC	400		0.23	450		0.29	410		0.24	410		0.25
PCB-144	Hexa		ND		0.013	ND		0.098	ND		0.084	0.64	J	0.049

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-01			PW-01-DUP			PW-02			PW-02-DUP		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-145	Hexa		ND		0.0092	0.41	J q	0.067	ND		0.058	ND		0.033
PCB-146	Hexa		1.7	J q	0.17	2.5		0.21	0.73	J q	0.17	2.5		0.19
PCB-147/149	Hexa		11	C	0.18	15	C	0.23	5.8	C	0.19	14	C	0.2
PCB-148	Hexa		ND		0.013	ND		0.098	ND		0.084	ND		0.049
PCB-150	Hexa		ND		0.0099	0.34	J q	0.072	0.48	J q	0.062	0.57	J q	0.036
PCB-152	Hexa		0.94	J	0.0088	1.1	J	0.064	1.4	J	0.055	2		0.032
PCB-153/168	Hexa		11	C	0.15	13	C	0.19	5.3	C	0.15	13	C	0.16
PCB-154	Hexa		1.2	J q	0.012	1.3	J	0.088	1.3	J	0.076	1.1	J q	0.044
PCB-155	Hexa	PRC	530		0.011	530		0.078	550		0.067	540		0.039
PCB-156/157	Hexa		1.5	J C	0.17	2	J C	0.3	0.88	J C	0.18	1.9	J C	0.19
PCB-158	Hexa		1.6	J	0.14	2		0.17	0.71	J	0.14	1.9	J	0.15
PCB-159	Hexa		2		0.12	2.4		0.15	1.8	J	0.12	1.8	J	0.13
PCB-161	Hexa		16		0.14	19		0.17	15		0.14	15		0.15
PCB-162	Hexa		ND		0.14	ND		0.18	ND		0.15	ND		0.16
PCB-164	Hexa		1.1	J	0.14	1.3	J q	0.17	0.46	J q	0.14	1.1	J	0.15
PCB-165	Hexa		3.1	q	0.16	3.2		0.2	2.8		0.17	2.7		0.18
PCB-167	Hexa		0.53	J	0.12	0.57	J	0.12	ND		0.12	0.62	J	0.13
PCB-169	Hexa		ND		0.11	ND		0.12	ND		0.12	ND		0.13
PCB-170	Hepta		ND		0.02	ND		0.0078	ND		0.1	ND		0.079
PCB-171/173	Hepta		ND	C	0.018	ND	C	0.0068	ND	C	0.087	ND	C	0.073
PCB-172	Hepta		ND		0.017	ND		0.0066	ND		0.084	ND		0.071
PCB-174	Hepta		ND		0.016	ND		0.0061	ND		0.078	ND		0.066
PCB-175	Hepta		ND		0.018	ND		0.0068	ND		0.087	ND		0.073
PCB-176	Hepta		ND		0.013	ND		0.0051	ND		0.065	ND		0.055
PCB-177	Hepta		ND		0.017	ND		0.0064	ND		0.081	ND		0.068
PCB-178	Hepta		ND		0.018	ND		0.007	ND		0.089	ND		0.075
PCB-179	Hepta		ND		0.011	ND		0.0044	ND		0.056	0.42	J q	0.047
PCB-180/193	Hepta		7	C	0.014	5.9	q C	0.0053	4	J C	0.067	5.5	q C	0.056
PCB-181	Hepta		ND		0.015	ND		0.0058	ND		0.074	ND		0.062
PCB-182	Hepta		ND		0.014	ND		0.0056	ND		0.071	ND		0.059
PCB-183/185	Hepta		ND	C	0.016	ND	C	0.0063	ND	C	0.081	ND	C	0.068
PCB-184	Hepta	PRC	780		0.012	780		0.0047	860		0.06	840		0.051
PCB-186	Hepta		ND		0.011	ND		0.0042	ND		0.053	ND		0.045
PCB-187	Hepta		ND		0.014	ND		0.0053	ND		0.068	ND		0.057
PCB-188	Hepta		ND		0.012	ND		0.0046	ND		0.057	0.37	J q	0.051
PCB-189	Hepta		ND		0.077	ND		0.11	ND		0.14	ND		0.11

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-01			PW-01-DUP			PW-02			PW-02-DUP		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-190	Hepta		ND		0.012	ND		0.0047	ND		0.06	ND		0.051
PCB-191	Hepta		ND		0.012	ND		0.0048	ND		0.062	ND		0.052
PCB-192	Hepta	PRC	2100	B	0.011	2300	B	0.0043	2300	B	0.055	2300	B	0.047
PCB-194	Octa		0.2	J q	0.048	0.16	J q	0.046	ND		0.06	0.14	J q	0.046
PCB-195	Octa		0.089	J q	0.054	ND		0.051	ND		0.067	ND		0.052
PCB-196	Octa		ND		0.057	ND		0.09	ND		0.08	ND		0.064
PCB-197	Octa		13		0.042	9.6		0.067	13		0.06	13		0.048
PCB-198/199	Octa		ND	C	0.05	ND	C	0.08	ND	C	0.072	ND	C	0.057
PCB-200	Octa		ND		0.046	2.3	q	0.073	1.4	J	0.065	1.5	J q	0.052
PCB-201	Octa		ND		0.046	ND		0.074	ND		0.066	ND		0.052
PCB-202	Octa		ND		0.044	ND		0.07	ND		0.063	ND		0.05
PCB-203	Octa		ND		0.046	ND		0.073	ND		0.065	ND		0.052
PCB-204	Octa	PRC	1300		0.04	990		0.063	1400		0.057	1400		0.045
PCB-205	Octa		0.28	J q	0.04	0.23	J q	0.038	0.33	J	0.049	0.31	J	0.038
PCB-206	Nona		ND		0.19	ND		0.2	ND		0.2	ND		0.27
PCB-207	Nona		5.5		0.15	5.6		0.18	5.8		0.16	5.7		0.22
PCB-208	Nona		ND		0.15	ND		0.19	ND		0.16	ND		0.22
PCB-209	Deca		6.8		0.032	7.2		0.03	7.2		0.049	6.5		0.032
Total PCBs			**8884**			**8726**			**9462**			**9909**		

Notes:

ND: Non-detect

J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

C: The compound co-eluted with other compounds.

B: Compound found in the blank and sample.

q: The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

PRC: Performance Reference Compound

PCB: polychlorinated biphenyl

MDL: method detection limit

ng/g: nanograms per gram

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-03			PW-03-DUP			TRIP BLANK PW-01			TRIP BLANK PW-02		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-1	Mono		0.19	J	0.032	0.083	J q	0.043	ND		0.04	ND		0.043
PCB-2	Mono		0.58	J q	0.036	0.35	J	0.047	0.21	J	0.044	0.16	J q	0.048
PCB-3	Mono		0.11	J q	0.044	ND		0.057	ND		0.053	ND		0.058
PCB-4	Di		8.6		0.12	3	J	0.14	ND		0.13	ND		0.17
PCB-5	Di		ND		0.12	ND		0.14	ND		0.13	ND		0.18
PCB-6	Di		0.75	J	0.099	ND		0.11	ND		0.11	ND		0.15
PCB-7	Di		ND		0.12	ND		0.13	ND		0.13	ND		0.18
PCB-8	Di		2.8	J	0.097	0.8	J	0.11	ND		0.11	ND		0.14
PCB-9	Di		ND		0.11	ND		0.12	ND		0.12	ND		0.16
PCB-10	Di		1.8	J	0.13	0.85	J	0.15	ND		0.14	ND		0.19
PCB-11	Di		1.7	J B	0.1	2.3	J B	0.12	4.5	q B	0.11	6.7	B	0.15
PCB-12/13	Di		1.9	J C	0.11	ND	C	0.13	ND	C	0.13	ND	C	0.17
PCB-14	Di	PRC	750		0.12	1100		0.13	2500		0.13	2500		0.17
PCB-15	Di		4.6		0.12	1.1	J q	0.14	ND		0.14	ND		0.19
PCB-16	Tri		1.1	J	0.14	0.39	J q	0.099	ND		0.045	ND		0.098
PCB-17	Tri		17		0.14	4.6		0.098	0.14	J q	0.045	ND		0.097
PCB-18/30	Tri		3.8	C	0.092	1.3	J C	0.066	0.24	J q C	0.03	0.23	J C	0.065
PCB-19	Tri		12		0.13	4.3		0.092	ND		0.042	ND		0.091
PCB-20/28	Tri		23	C	0.46	5.8	C	0.46	ND	C	0.5	ND	C	0.51
PCB-21/33	Tri		2.8	J C B	0.46	0.66	J C B	0.45	ND	C	0.49	ND	C	0.51
PCB-22	Tri		3		0.43	0.81	J	0.42	ND		0.46	ND		0.47
PCB-23	Tri		ND		0.5	ND		0.49	ND		0.54	ND		0.55
PCB-24	Tri		0.11	J q	0.094	ND		0.067	ND		0.031	ND		0.067
PCB-25	Tri		4.3		0.4	1	J q	0.39	ND		0.43	ND		0.44
PCB-26/29	Tri		5.5	C	0.51	1.4	J q C	0.51	ND	C	0.55	ND	C	0.57
PCB-27	Tri		6.8		0.097	2.5		0.069	ND		0.032	ND		0.069
PCB-31	Tri		11	B	0.42	3	J B	0.41	ND		0.45	ND		0.46
PCB-32	Tri		5.5	B	0.084	1.1	J B	0.06	0.092	J B	0.028	ND		0.06
PCB-34	Tri		ND		0.51	ND		0.5	ND		0.55	ND		0.57
PCB-35	Tri		ND		0.46	ND		0.45	ND		0.49	ND		0.5
PCB-36	Tri	PRC	240		0.4	300		0.39	470		0.43	540		0.44
PCB-37	Tri		2.6		0.45	0.66	J	0.44	ND		0.48	ND		0.5
PCB-38	Tri		0.72	J	0.44	ND		0.43	ND		0.47	ND		0.49
PCB-39	Tri		ND		0.44	0.84	J	0.44	ND		0.48	2	J q	0.49
PCB-40/41/71	Tetra		11	C	0.069	3.2	J C	0.03	ND	C	0.026	ND	C	0.082
PCB-42	Tetra		6.5		0.077	2	J	0.034	ND		0.029	ND		0.091

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-03			PW-03-DUP			TRIP BLANK PW-01			TRIP BLANK PW-02		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-43/73	Tetra		3.5	J C	0.059	2.1	J C	0.026	2.1	J q C	0.022	2.9	J C	0.07
PCB-44/47/65	Tetra		87	C	0.063	47	C	0.028	36	C	0.023	45	C	0.074
PCB-45/51	Tetra		8.6	C	0.075	3.4	J C	0.033	2	J C	0.028	2.4	J C	0.088
PCB-46	Tetra		1.1	J	0.089	0.34	J q	0.039	ND		0.033	ND		0.11
PCB-48	Tetra		3.4		0.07	0.94	J	0.031	ND		0.026	ND		0.083
PCB-49/69	Tetra		31	C	0.059	9.4	C	0.026	ND	C	0.022	ND	C	0.07
PCB-50/53	Tetra		7.1	C	0.069	3	J C	0.03	ND	C	0.026	ND	C	0.081
PCB-52	Tetra		41	B	0.062	13	B	0.027	ND		0.023	ND		0.073
PCB-54	Tetra		1.1	J q	0.043	0.61	J	0.049	0.27	J q	0.042	0.56	J q	0.046
PCB-55	Tetra		0.44	J	0.042	ND		0.018	ND		0.016	ND		0.049
PCB-56	Tetra		3.6		0.043	0.84	J	0.019	ND		0.016	ND		0.051
PCB-57	Tetra		ND		0.048	ND		0.021	ND		0.018	ND		0.056
PCB-58	Tetra		ND		0.041	ND		0.018	ND		0.015	ND		0.049
PCB-59/62/75	Tetra		2.8	J C	0.053	1	J C	0.023	ND	C	0.02	ND	C	0.062
PCB-60	Tetra		2		0.05	0.57	J q	0.022	ND		0.019	ND		0.059
PCB-61/70/74/76	Tetra		33	C B	0.046	9.1	C B	0.02	ND	C	0.017	ND	C	0.054
PCB-63	Tetra		1.3	J q	0.05	ND		0.022	ND		0.018	ND		0.059
PCB-64	Tetra		8		0.051	2.7		0.023	ND		0.019	ND		0.06
PCB-66	Tetra		18	B	0.043	4.4	B	0.019	ND		0.016	ND		0.051
PCB-67	Tetra		0.87	J q	0.04	ND		0.017	ND		0.015	ND		0.047
PCB-68	Tetra		5.6		0.047	4.8		0.021	5.7		0.017	6.5		0.055
PCB-72	Tetra		1.2	J	0.045	ND		0.02	ND		0.017	ND		0.054
PCB-77	Tetra		2.2		0.05	ND		0.022	ND		0.018	ND		0.059
PCB-78	Tetra	PRC	610		0.044	700		0.019	1000		0.016	1200		0.051
PCB-79	Tetra		0.34	J q	0.037	ND		0.016	ND		0.014	ND		0.043
PCB-80	Tetra		ND		0.041	ND		0.018	ND		0.015	ND		0.049
PCB-81	Tetra		1	J	0.052	2.9		0.023	1.5	J	0.02	1.8	J q	0.062
PCB-82	Penta		4.9		0.17	ND		0.13	ND		0.12	ND		0.18
PCB-83/99	Penta		42	C	0.17	13	C	0.12	ND	C	0.12	ND	C	0.17
PCB-84	Penta		11		0.21	3.8		0.16	ND		0.15	ND		0.22
PCB-85/116/117	Penta		11	C B	0.14	3.7	J C B	0.11	ND	C	0.1	ND	C	0.15
PCB-86/87/97/109/119/125	Penta		37	C	0.14	12	J C	0.11	ND	C	0.1	ND	C	0.15
PCB-88/91	Penta		10	C	0.18	2.9	J q C	0.14	ND	C	0.13	ND	C	0.19
PCB-89	Penta		ND		0.17	ND		0.13	ND		0.12	ND		0.18
PCB-90/101/113	Penta		71	C B	0.15	22	C B	0.11	ND	C	0.11	ND	C	0.16
PCB-92	Penta		18		0.19	8.1		0.14	ND		0.14	ND		0.19

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-03			PW-03-DUP			TRIP BLANK PW-01			TRIP BLANK PW-02		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-93/100	Penta		4.5	C	0.19	3.1	J C	0.14	ND	C	0.14	ND	C	0.19
PCB-94	Penta		0.82	J	0.21	ND		0.16	ND		0.15	ND		0.22
PCB-95	Penta		42		0.19	13		0.14	ND		0.13	ND		0.19
PCB-96	Penta		2.3		0.13	2.7		0.095	ND		0.092	ND		0.13
PCB-98/102	Penta		1.8	J C	0.16	ND	C	0.12	ND	C	0.12	ND	C	0.16
PCB-103	Penta		1.1	J	0.18	ND		0.13	ND		0.13	ND		0.18
PCB-104	Penta	PRC	1200		0.15	1500		0.11	2100		0.11	2400		0.15
PCB-105	Penta		17		0.29	4.9		0.19	ND		0.16	ND		0.22
PCB-106	Penta		14		0.27	14		0.17	16		0.14	21		0.2
PCB-107	Penta		3.8		0.26	1.2	J	0.17	ND		0.14	ND		0.2
PCB-108/124	Penta		2.1	J C	0.29	0.6	J C	0.19	ND	C	0.15	ND	C	0.21
PCB-110/115	Penta		58	C B	0.11	18	C B	0.08	ND	C	0.078	ND	C	0.11
PCB-111	Penta		ND		0.12	ND		0.089	ND		0.087	ND		0.12
PCB-112	Penta		ND		0.1	ND		0.077	ND		0.075	ND		0.11
PCB-114	Penta		1.1	J q	0.28	ND		0.18	ND		0.15	ND		0.21
PCB-118	Penta		56		0.31	16		0.19	ND		0.15	0.26	J q	0.23
PCB-120	Penta		ND		0.097	ND		0.072	ND		0.07	ND		0.099
PCB-121	Penta	PRC	430		0.11	460		0.085	540		0.082	600		0.12
PCB-122	Penta		0.75	J q	0.34	ND		0.22	ND		0.18	ND		0.25
PCB-123	Penta		0.89	J	0.31	ND		0.2	ND		0.15	ND		0.22
PCB-126	Penta		ND		0.26	ND		0.17	ND		0.14	ND		0.19
PCB-127	Penta		ND		0.27	ND		0.17	ND		0.14	ND		0.2
PCB-128/166	Hexa		9	C	0.17	2.8	J C	0.12	ND	C	0.14	ND	C	0.17
PCB-129/138/160/163	Hexa		51	C	0.18	16	C	0.13	ND	C	0.15	ND	C	0.19
PCB-130	Hexa		4.1		0.26	1.4	J	0.17	ND		0.2	ND		0.26
PCB-131	Hexa		ND		0.24	ND		0.16	ND		0.19	ND		0.24
PCB-132	Hexa		16		0.23	5.9		0.16	ND		0.18	ND		0.23
PCB-133	Hexa		0.96	J q	0.21	ND		0.14	ND		0.17	ND		0.21
PCB-134/143	Hexa		3.3	J C	0.24	1.1	J C	0.16	ND	C	0.19	ND	C	0.24
PCB-135/151	Hexa		12	C	0.066	3.9	J C	0.056	ND	C	0.075	ND	C	0.086
PCB-136	Hexa		5		0.051	1.6	J q	0.043	ND		0.058	ND		0.066
PCB-137	Hexa		3.4		0.22	1.1	J	0.15	ND		0.17	ND		0.22
PCB-139/140	Hexa		1.1	J C	0.19	ND	C	0.13	ND	C	0.16	ND	C	0.2
PCB-141	Hexa		6.9		0.22	1.9	J q	0.15	ND		0.17	ND		0.22
PCB-142	Hexa	PRC	360		0.24	360		0.16	490		0.19	520		0.24
PCB-144	Hexa		1.7	J	0.067	ND		0.057	ND		0.076	ND		0.087

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-03			PW-03-DUP			TRIP BLANK PW-01			TRIP BLANK PW-02		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-145	Hexa		ND		0.046	ND		0.039	ND		0.052	ND		0.059
PCB-146	Hexa		5.7		0.18	1.7	J	0.12	ND		0.14	ND		0.18
PCB-147/149	Hexa		30	C	0.19	9.2	C	0.13	ND	C	0.15	ND	C	0.19
PCB-148	Hexa		ND		0.066	ND		0.057	ND		0.076	ND		0.087
PCB-150	Hexa		ND		0.049	0.61	J q	0.042	0.7	J q	0.056	ND		0.064
PCB-152	Hexa		1.5	J	0.044	1.4	J	0.037	1.3	J	0.05	1.6	J	0.057
PCB-153/168	Hexa		33	C	0.16	10	C	0.11	ND	C	0.12	ND	C	0.16
PCB-154	Hexa		1.5	J	0.06	1.5	J	0.051	1.4	J	0.068	1.3	J q	0.078
PCB-155	Hexa	PRC	540		0.053	540		0.045	630		0.06	690		0.069
PCB-156/157	Hexa		6.2	C	0.18	1.8	J C	0.12	ND	C	0.15	ND	C	0.18
PCB-158	Hexa		4.9		0.14	1.6	J	0.098	ND		0.11	ND		0.15
PCB-159	Hexa		1.8	J	0.12	2.2		0.085	2.5		0.1	2.1	J q	0.13
PCB-161	Hexa		15		0.14	15		0.097	17		0.11	19		0.14
PCB-162	Hexa		ND		0.15	ND		0.1	ND		0.12	ND		0.15
PCB-164	Hexa		2.5	q	0.15	0.9	J	0.099	ND		0.12	ND		0.15
PCB-165	Hexa		2.7		0.17	3		0.12	3.5		0.14	3.5		0.17
PCB-167	Hexa		1.7	J	0.12	0.58	J	0.084	ND		0.096	ND		0.13
PCB-169	Hexa		ND		0.12	ND		0.08	ND		0.094	ND		0.12
PCB-170	Hepta		3.3	q	0.12	ND		0.093	ND		0.17	ND		0.12
PCB-171/173	Hepta		ND	C	0.11	ND	C	0.085	ND	C	0.15	ND	C	0.11
PCB-172	Hepta		ND		0.1	ND		0.082	ND		0.15	ND		0.1
PCB-174	Hepta		2.1		0.097	ND		0.076	ND		0.14	ND		0.098
PCB-175	Hepta		ND		0.11	ND		0.084	ND		0.15	ND		0.11
PCB-176	Hepta		ND		0.081	ND		0.063	ND		0.11	ND		0.081
PCB-177	Hepta		1.5	J	0.1	ND		0.079	ND		0.14	ND		0.1
PCB-178	Hepta		ND		0.11	ND		0.086	ND		0.15	ND		0.11
PCB-179	Hepta		0.92	J	0.069	ND		0.054	ND		0.096	ND		0.07
PCB-180/193	Hepta		13	C	0.083	6.2	q C	0.065	6.7	C	0.12	ND	C	0.083
PCB-181	Hepta		ND		0.092	ND		0.072	ND		0.13	ND		0.092
PCB-182	Hepta		ND		0.088	ND		0.069	ND		0.12	ND		0.088
PCB-183/185	Hepta		1.5	J q C B	0.1	ND	C	0.078	ND	C	0.14	ND	C	0.1
PCB-184	Hepta	PRC	830		0.075	780		0.058	880		0.1	1000		0.075
PCB-186	Hepta		ND		0.066	ND		0.052	ND		0.092	ND		0.066
PCB-187	Hepta		2.5		0.084	ND		0.066	ND		0.12	ND		0.084
PCB-188	Hepta		0.53	J	0.074	ND		0.058	ND		0.1	ND		0.074
PCB-189	Hepta		ND		0.084	ND		0.13	ND		0.095	ND		0.098

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			PW-03			PW-03-DUP			TRIP BLANK PW-01			TRIP BLANK PW-02		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g	Result ng/g	Qualifier	MDL ng/g
PCB-190	Hepta		ND		0.075	ND		0.058	ND		0.1	ND		0.075
PCB-191	Hepta		ND		0.077	ND		0.06	ND		0.11	ND		0.077
PCB-192	Hepta	PRC	2200	B	0.069	2200	B	0.054	2500	B	0.096	2700	B	0.069
PCB-194	Octa		0.46	J	0.053	0.11	J q	0.057	ND		0.035	ND		0.077
PCB-195	Octa		0.14	J q	0.059	ND		0.063	ND		0.039	ND		0.086
PCB-196	Octa		ND		0.1	ND		0.06	ND		0.11	ND		0.12
PCB-197	Octa		13		0.078	14		0.045	14	q	0.082	15		0.09
PCB-198/199	Octa		ND	C	0.093	ND	C	0.053	ND	C	0.098	ND	C	0.11
PCB-200	Octa		2.2	q	0.085	ND		0.049	1.9	J q	0.089	1.8	J	0.098
PCB-201	Octa		ND		0.085	ND		0.049	ND		0.09	ND		0.099
PCB-202	Octa		ND		0.081	ND		0.047	ND		0.086	ND		0.094
PCB-203	Octa		ND		0.084	ND		0.048	ND		0.089	ND		0.098
PCB-204	Octa	PRC	1400		0.074	1400		0.042	1500		0.078	1600		0.085
PCB-205	Octa		0.25	J q	0.043	0.25	J q	0.047	0.24	J q	0.029	0.32	J q	0.063
PCB-206	Nona		ND		0.17	ND		0.19	ND		0.26	ND		0.2
PCB-207	Nona		5.4		0.14	4.9		0.16	5.3		0.22	6.4		0.17
PCB-208	Nona		ND		0.14	ND		0.17	ND		0.22	ND		0.17
PCB-209	Deca		6.9		0.032	6.7		0.034	6.4		0.033	7		0.031
Total PCBs			**9650**			**9744**			**12740**			**13898**		

Notes:

ND: Non-detect

J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

C: The compound co-eluted with other compounds.

B: Compound found in the blank and sample.

q: The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

PRC: Performance Reference Compound

PCB: polychlorinated biphenyl

MDL: method detection limit

ng/g: nanograms per gram

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			TRIP BLANK PW-03		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g
PCB-1	Mono		ND		0.028
PCB-2	Mono		0.22	J	0.032
PCB-3	Mono		ND		0.04
PCB-4	Di		ND		0.15
PCB-5	Di		ND		0.16
PCB-6	Di		ND		0.13
PCB-7	Di		ND		0.16
PCB-8	Di		ND		0.13
PCB-9	Di		ND		0.14
PCB-10	Di		ND		0.17
PCB-11	Di		5	q B	0.14
PCB-12/13	Di		ND	C	0.15
PCB-14	Di	PRC	2400		0.15
PCB-15	Di		ND		0.17
PCB-16	Tri		0.095	J q	0.068
PCB-17	Tri		0.16	J q	0.068
PCB-18/30	Tri		ND	C	0.045
PCB-19	Tri		ND		0.064
PCB-20/28	Tri		ND	C	0.42
PCB-21/33	Tri		ND	C	0.42
PCB-22	Tri		ND		0.39
PCB-23	Tri		ND		0.45
PCB-24	Tri		ND		0.046
PCB-25	Tri		ND		0.36
PCB-26/29	Tri		ND	C	0.47
PCB-27	Tri		ND		0.048
PCB-31	Tri		ND		0.38
PCB-32	Tri		0.17	J B	0.042
PCB-34	Tri		ND		0.46
PCB-35	Tri		ND		0.41
PCB-36	Tri	PRC	510		0.36
PCB-37	Tri		ND		0.41
PCB-38	Tri		ND		0.4
PCB-39	Tri		ND		0.4
PCB-40/41/71	Tetra		ND	C	0.061
PCB-42	Tetra		ND		0.068

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			TRIP BLANK PW-03		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g
PCB-43/73	Tetra		2.6	J C	0.052
PCB-44/47/65	Tetra		38	C	0.056
PCB-45/51	Tetra		2.2	J C	0.066
PCB-46	Tetra		ND		0.079
PCB-48	Tetra		ND		0.062
PCB-49/69	Tetra		ND	C	0.052
PCB-50/53	Tetra		ND	C	0.061
PCB-52	Tetra		ND		0.055
PCB-54	Tetra		0.34	J q	0.039
PCB-55	Tetra		ND		0.037
PCB-56	Tetra		ND		0.038
PCB-57	Tetra		ND		0.042
PCB-58	Tetra		ND		0.036
PCB-59/62/75	Tetra		ND	C	0.046
PCB-60	Tetra		ND		0.044
PCB-61/70/74/76	Tetra		ND	C	0.04
PCB-63	Tetra		ND		0.044
PCB-64	Tetra		ND		0.045
PCB-66	Tetra		ND		0.038
PCB-67	Tetra		ND		0.035
PCB-68	Tetra		5.4		0.041
PCB-72	Tetra		ND		0.04
PCB-77	Tetra		ND		0.044
PCB-78	Tetra	PRC	980		0.038
PCB-79	Tetra		ND		0.032
PCB-80	Tetra		ND		0.036
PCB-81	Tetra		2		0.046
PCB-82	Penta		ND		0.15
PCB-83/99	Penta		ND	C	0.15
PCB-84	Penta		ND		0.19
PCB-85/116/117	Penta		ND	C	0.13
PCB-86/87/97/109/119/125	Penta		ND	C	0.13
PCB-88/91	Penta		ND	C	0.16
PCB-89	Penta		ND		0.15
PCB-90/101/113	Penta		ND	C	0.14
PCB-92	Penta		ND		0.17

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			TRIP BLANK PW-03		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g
PCB-93/100	Penta		ND	C	0.17
PCB-94	Penta		ND		0.19
PCB-95	Penta		ND		0.16
PCB-96	Penta		ND		0.11
PCB-98/102	Penta		ND	C	0.14
PCB-103	Penta		ND		0.16
PCB-104	Penta	PRC	2000		0.13
PCB-105	Penta		ND		0.16
PCB-106	Penta		16		0.14
PCB-107	Penta		ND		0.14
PCB-108/124	Penta		ND	C	0.15
PCB-110/115	Penta		ND	C	0.096
PCB-111	Penta		ND		0.11
PCB-112	Penta		ND		0.092
PCB-114	Penta		ND		0.15
PCB-118	Penta		ND		0.16
PCB-120	Penta		ND		0.086
PCB-121	Penta	PRC	510		0.1
PCB-122	Penta		ND		0.18
PCB-123	Penta		ND		0.16
PCB-126	Penta		ND		0.14
PCB-127	Penta		ND		0.14
PCB-128/166	Hexa		ND	C	0.15
PCB-129/138/160/163	Hexa		ND	C	0.16
PCB-130	Hexa		ND		0.23
PCB-131	Hexa		ND		0.21
PCB-132	Hexa		ND		0.2
PCB-133	Hexa		ND		0.19
PCB-134/143	Hexa		ND	C	0.21
PCB-135/151	Hexa		ND	C	0.051
PCB-136	Hexa		ND		0.039
PCB-137	Hexa		ND		0.19
PCB-139/140	Hexa		ND	C	0.17
PCB-141	Hexa		ND		0.19
PCB-142	Hexa	PRC	430		0.21
PCB-144	Hexa		ND		0.051

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			TRIP BLANK PW-03		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g
PCB-145	Hexa		ND		0.035
PCB-146	Hexa		ND		0.16
PCB-147/149	Hexa		ND	C	0.17
PCB-148	Hexa		ND		0.051
PCB-150	Hexa		ND		0.038
PCB-152	Hexa		1.3	J q	0.034
PCB-153/168	Hexa		ND	C	0.14
PCB-154	Hexa		1.1	J q	0.046
PCB-155	Hexa	PRC	590		0.041
PCB-156/157	Hexa		ND	C	0.16
PCB-158	Hexa		ND		0.13
PCB-159	Hexa		2.7		0.11
PCB-161	Hexa		17		0.13
PCB-162	Hexa		ND		0.13
PCB-164	Hexa		ND		0.13
PCB-165	Hexa		3.3		0.15
PCB-167	Hexa		ND		0.11
PCB-169	Hexa		ND		0.11
PCB-170	Hepta		ND		0.071
PCB-171/173	Hepta		ND	C	0.066
PCB-172	Hepta		ND		0.064
PCB-174	Hepta		ND		0.059
PCB-175	Hepta		ND		0.065
PCB-176	Hepta		ND		0.049
PCB-177	Hepta		ND		0.062
PCB-178	Hepta		ND		0.067
PCB-179	Hepta		ND		0.042
PCB-180/193	Hepta		ND	C	0.051
PCB-181	Hepta		ND		0.056
PCB-182	Hepta		ND		0.054
PCB-183/185	Hepta		ND	C	0.061
PCB-184	Hepta	PRC	840		0.046
PCB-186	Hepta		ND		0.04
PCB-187	Hepta		ND		0.051
PCB-188	Hepta		ND		0.045
PCB-189	Hepta		ND		0.078

Table A1. Concentration of analytes in polyethylene.

Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID			TRIP BLANK PW-03		
Analyte	Homolog Group	PRC	Result ng/g	Qualifier	MDL ng/g
PCB-190	Hepta		ND		0.046
PCB-191	Hepta		ND		0.047
PCB-192	Hepta	PRC	2400	B	0.042
PCB-194	Octa		ND		0.062
PCB-195	Octa		ND		0.069
PCB-196	Octa		ND		0.052
PCB-197	Octa		14		0.039
PCB-198/199	Octa		ND	C	0.047
PCB-200	Octa		2.5		0.043
PCB-201	Octa		ND		0.043
PCB-202	Octa		ND		0.041
PCB-203	Octa		ND		0.043
PCB-204	Octa	PRC	1400		0.037
PCB-205	Octa		0.23	J q	0.051
PCB-206	Nona		ND		0.18
PCB-207	Nona		5.8		0.15
PCB-208	Nona		ND		0.14
PCB-209	Deca		6.4		0.024
Total PCBs			**12187**		

Notes:

ND: Non-detect
J: Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
C: The compound co-eluted with other compounds.
B: Compound found in the blank and sample.
q: The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
PRC: Performance Reference Compound
PCB: polychlorinated biphenyl
MDL: method detection limit
ng/g: nanograms per gram

TABLE A2

Table A2. Elimination Rates (ke) and Percentage to Steady State Reached by Performance Reference Compounds (PRCs) During Deployment.
Maul Foster Alongi - MMW East Whitaker Pond, OR

Client ID		PW-01		PW-01-DUP		PW-02		PW-02-DUP		PW-03		PW-03-DUP	
PRC	Homolog Group	k_e	Steady State	k_e	Steady State	k_e	Steady State	k_e	Steady State	k_e	Steady State	k_e	Steady State
		d^{-1}	%	d^{-1}	%	d^{-1}	%	d^{-1}	%	d^{-1}	%	d^{-1}	%
PCB-14	Di	0.0394	79%	0.0461	84%	0.0353	76%	0.0288	68%	0.0298	70%	0.0202	55%
PCB-36	Tri	0.0157	47%	0.0177	51%	0.0139	43%	0.0123	39%	0.0187	53%	0.0131	41%
PCB-78	Tetra	0.0104	34%	0.0111	36%	0.0097	32%	0.0086	29%	0.0138	42%	0.0104	34%
PCB-104	Penta	0.0092	31%	0.0092	31%	0.0076	26%	0.0076	26%	0.0148	45%	0.0092	31%
PCB-121	Penta	0.0039	15%	0.0050	18%	0.0029	11%	0.0073	25%	0.0062	22%	0.0045	16%
PCB-142	Hexa	0.0046	17%	OUTLIER	OUTLIER	0.0039	15%	0.0039	15%	0.0072	25%	0.0072	25%
PCB-155	Hexa	0.0046	17%	0.0046	17%	0.0037	14%	0.0041	15%	0.0041	15%	0.0041	15%
PCB-184	Hepta	0.0038	14%	0.0038	14%	0.0013	5%	0.0019	7%	0.0022	8%	0.0038	14%
PCB-192	Hepta	0.0047	17%	0.0024	9%	0.0024	9%	0.0024	9%	0.0035	13%	0.0035	13%
PCB-204	Octa	0.0036	13%	OUTLIER	OUTLIER	0.0017	7%	0.0017	7%	0.0017	7%	0.0017	7%

Notes
%: percent
d: day
k_e: elimination rate
PCB: Polychlorinated biphenyl
PRC: Performance Reference Compound

ATTACHMENT B:

POLYETHYLENE-WATER PARTITION COEFFICIENTS (K_{PE}) USED IN THIS ANALYSIS

Analyte	Log_{10} K_{PE}	Source of $Log_{10}K_{PE}$
PCB-1	3.69	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-2	3.91	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-3	4.05	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-4	4.19	Best empirical values, Table 2 from Jonker (2022)
PCB-5	4.41	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-6	4.41	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-7	4.55	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-8	4.55	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-9	4.41	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-10	4.23	Best empirical values, Table 2 from Jonker (2022)
PCB-11	4.62	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-12	4.71	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-13	4.77	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-14	4.99	Best empirical values, Table 2 from Jonker (2022)
PCB-15	4.91	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-16	4.91	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-17	5.05	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-18	4.78	Best empirical values, Table 2 from Jonker (2022)
PCB-19	4.73	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-20	5.10	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-21	5.22	Best empirical values, Table 2 from Jonker (2022)
PCB-22	5.23	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-23	5.10	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-24	4.91	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-25	5.23	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-26	5.10	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-27	4.91	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-28	5.33	Best empirical values, Table 2 from Jonker (2022)
PCB-29	5.31	Best empirical values, Table 2 from Jonker (2022)
PCB-30	5.13	Best empirical values, Table 2 from Jonker (2022)
PCB-31	5.30	Best empirical values, Table 2 from Jonker (2022)
PCB-32	5.05	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-33	5.18	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-34	5.10	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-35	5.36	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-36	5.28	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-37	5.50	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-38	5.31	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-39	5.41	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-40	5.52	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-41	5.65	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-42	5.71	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-43	5.56	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-44	5.48	Best empirical values, Table 2 from Jonker (2022)
PCB-45	5.43	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-46	5.43	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-47	5.62	Best empirical values, Table 2 from Jonker (2022)
PCB-48	5.65	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-49	5.67	Best empirical values, Table 2 from Jonker (2022)
PCB-50	5.52	Best empirical values, Table 2 from Jonker (2022)
PCB-51	5.56	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-52	5.43	Best empirical values, Table 2 from Jonker (2022)
PCB-53	5.43	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-54	5.25	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-55	5.82	Best empirical values, Table 2 from Jonker (2022)
PCB-56	5.90	Best empirical values, Table 2 from Jonker (2022)
PCB-57	5.71	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-58	5.71	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-59	5.56	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-60	5.94	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-61	5.78	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-62	5.65	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-63	5.85	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)

Analyte	Log_{10} K_{PE}	Source of $Log_{10}K_{PE}$
PCB-64	5.71	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-65	5.56	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-66	5.84	Best empirical values, Table 2 from Jonker (2022)
PCB-67	5.80	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-68	5.85	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-69	5.71	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-70	5.80	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-71	5.65	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-72	5.86	Best empirical values, Table 2 from Jonker (2022)
PCB-73	5.56	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-74	5.94	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-75	5.85	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-76	5.74	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-77	5.91	Best empirical values, Table 2 from Jonker (2022)
PCB-78	6.03	Best empirical values, Table 2 from Jonker (2022)
PCB-79	5.94	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-80	5.85	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-81	6.03	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-82	6.23	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-83	6.14	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-84	6.03	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-85	6.14	Best empirical values, Table 2 from Jonker (2022)
PCB-86	6.17	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-87	6.18	Best empirical values, Table 2 from Jonker (2022)
PCB-88	6.11	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-89	6.11	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-90	6.27	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-91	6.16	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-92	6.14	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-93	6.03	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-94	6.03	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-95	6.03	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-96	5.91	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-97	6.10	Best empirical values, Table 2 from Jonker (2022)
PCB-98	6.16	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-99	6.38	Best empirical values, Table 2 from Jonker (2022)
PCB-100	6.31	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-101	6.13	Best empirical values, Table 2 from Jonker (2022)
PCB-102	6.11	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-103	6.05	Best empirical values, Table 2 from Jonker (2022)
PCB-104	6.00	Best empirical values, Table 2 from Jonker (2022)
PCB-105	6.44	Best empirical values, Table 2 from Jonker (2022)
PCB-106	6.29	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-107	6.34	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-108	6.34	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-109	6.23	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-110	6.16	Best empirical values, Table 2 from Jonker (2022)
PCB-111	6.21	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-112	6.14	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-113	6.14	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-114	6.43	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-115	6.36	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-116	6.15	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-117	6.27	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-118	6.40	Best empirical values, Table 2 from Jonker (2022)
PCB-119	6.36	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-120	6.34	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-121	6.27	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-122	6.29	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-123	6.43	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-124	6.34	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-125	6.17	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-126	6.50	Best empirical values, Table 2 from Jonker (2022)

Analyte	Log_{10} K_{PE}	Source of $Log_{10}K_{PE}$
PCB-127	6.40	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-128	6.74	Best empirical values, Table 2 from Jonker (2022)
PCB-129	6.66	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-130	6.72	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-131	6.63	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-132	6.63	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-133	6.63	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-134	6.54	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-135	6.54	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-136	6.56	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-137	6.93	Best empirical values, Table 2 from Jonker (2022)
PCB-138	6.74	Best empirical values, Table 2 from Jonker (2022)
PCB-139	6.76	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-140	6.76	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-141	6.74	Best empirical values, Table 2 from Jonker (2022)
PCB-142	6.57	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-143	6.57	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-144	6.63	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-145	6.52	Best empirical values, Table 2 from Jonker (2022)
PCB-146	6.72	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-147	6.67	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-148	6.67	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-149	6.59	Best empirical values, Table 2 from Jonker (2022)
PCB-150	6.60	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-151	6.55	Best empirical values, Table 2 from Jonker (2022)
PCB-152	6.45	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-153	6.82	Best empirical values, Table 2 from Jonker (2022)
PCB-154	6.76	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-155	6.81	Best empirical values, Table 2 from Jonker (2022)
PCB-156	6.90	Best empirical values, Table 2 from Jonker (2022)
PCB-157	6.84	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-158	6.81	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-159	6.75	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-160	6.66	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-161	6.72	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-162	6.75	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-163	6.72	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-164	6.66	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-165	6.63	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-166	6.81	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-167	6.84	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-168	6.81	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-169	7.01	Best empirical values, Table 2 from Jonker (2022)
PCB-170	7.16	Best empirical values, Table 2 from Jonker (2022)
PCB-171	7.15	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-172	7.07	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-173	7.01	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-174	7.01	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-175	7.06	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-176	6.99	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-177	7.06	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-178	6.97	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-179	6.91	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-180	7.26	Best empirical values, Table 2 from Jonker (2022)
PCB-181	7.15	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-182	7.15	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-183	7.15	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-184	7.13	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-185	7.01	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-186	6.94	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-187	7.15	Best empirical values, Table 2 from Jonker (2022)
PCB-188	7.04	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-189	7.17	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)

Analyte	Log_{10} K_{PE}	Source of $Log_{10}K_{PE}$
PCB-190	7.16	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-191	7.16	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-192	7.07	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-193	7.07	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-194	7.45	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-195	7.45	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-196	7.45	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-197	7.45	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-198	7.36	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-199	7.31	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-200	7.36	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-201	7.36	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-202	7.24	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-203	7.45	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-204	7.77	Best empirical values, Table 2 from Jonker (2022)
PCB-205	7.45	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-206	7.67	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-207	7.68	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-208	7.60	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)
PCB-209	7.84	Calculated from Jonker (2022) PCB model using Log_{10} K_{OW} obtained from Sabljic et al. (1993)

References Cited

Jonker, M.T.O. 2022. Polyethylene-water and polydimethylsiloxane-water partition coefficients for polycyclic aromatic hydrocarbons and polychlorinated biphenyls: Influence of polymer source and proposed best available values. Environ. Toxicol. Chem. 41:1370-1380.

Sabljic, A., Guesten, H., Hermens, J., Opperhuizen, A. 1993. Modeling octanol/water partition coefficients by molecular topology: chlorinated benzenes and biphenyls. Environ. Sci. Technol. 27:1394-1402.

ATTACHMENT C:

EUROFINS ENVIRONMENT TESTING AMERICA
ANALYTICAL LABORATORY REPORTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Brent Pautler
Sirem, div of Geosyntec Consultants
130 Stone Rd West
Guelph, Ontario N1G 3Z2

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JOB DESCRIPTION

MF&A - East Whitaker Pond

JOB NUMBER

140-34509-1

Eurofins Knoxville
5815 Middlebrook Pike
Knoxville TN 37921

See page two for job notes and contact information.

Eurofins Knoxville

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins TestAmerica Project Manager.

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Ryan Henry, Project Manager I
WilliamR.Henry@et.eurofinsus.com
865 291-3006

Table of Contents

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Qualifiers

Dioxin

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
C	The compound co-eluted with other compounds
C108	The compound co-eluted with PCB-108
C110	The compound co-eluted with PCB-110
C12	The compound co-eluted with PCB-12
C128	The compound co-eluted with PCB-128
C129	The compound co-eluted with PCB-129
C134	The compound co-eluted with PCB-134
C135	The compound co-eluted with PCB-135
C139	The compound co-eluted with PCB-139
C147	The compound co-eluted with PCB-147
C153	The compound co-eluted with PCB-153
C156	The compound co-eluted with PCB-156
C171	The compound co-eluted with PCB-171
C18	The compound co-eluted with PCB-18
C180	The compound co-eluted with PCB-180
C183	The compound co-eluted with PCB-183
C198	The compound co-eluted with PCB-198
C20	The compound co-eluted with PCB-20
C21	The compound co-eluted with PCB-21
C26	The compound co-eluted with PCB-26
C40	The compound co-eluted with PCB-40
C43	The compound co-eluted with PCB-43
C44	The compound co-eluted with PCB-44
C45	The compound co-eluted with PCB-45
C49	The compound co-eluted with PCB-49
C50	The compound co-eluted with PCB-50
C59	The compound co-eluted with PCB-59
C61	The compound co-eluted with PCB-61
C83	The compound co-eluted with PCB-83
C85	The compound co-eluted with PCB-85
C86	The compound co-eluted with PCB-86
C88	The compound co-eluted with PCB-88
C90	The compound co-eluted with PCB-90
C93	The compound co-eluted with PCB-93
C98	The compound co-eluted with PCB-98
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
q	The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
140-34509-1

Receipt
The samples were received on 11/22/2023 at 7:53am and arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.3º C and 1.0º C.

HRMS
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
Method Passive Sampler: A deviation from the Standard Operating Procedure (SOP) occurred. Details are as follows: Samples were placed on rotator and extracted for over 24 hours against work instructions. This is not expected to affect analysis.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Sample Summary

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
140-34509-1	PW-01	PE	11/21/23 09:15	11/22/23 07:53
140-34509-2	PW-01-DUP	PE	11/21/23 09:15	11/22/23 07:53
140-34509-3	PW-02	PE	11/21/23 09:12	11/22/23 07:53
140-34509-4	PW-02-DUP	PE	11/21/23 09:12	11/22/23 07:53
140-34509-5	PW-03	PE	11/21/23 09:19	11/22/23 07:53
140-34509-6	PW-03-DUP	PE	11/21/23 09:19	11/22/23 07:53
140-34509-7	TRIP BLANK PW-01	PE	10/12/23 11:21	10/13/23 06:45
140-34509-8	TRIP BLANK PW-02	PE	10/12/23 10:44	10/13/23 06:45
140-34509-9	TRIP BLANK PW-03	PE	10/12/23 11:54	10/13/23 06:45

Client Sample ID: PW-01
Date Collected: 11/21/23 09:15
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-1
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	ND		1.9	0.035	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-2	ND		1.9	0.039	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-3	ND		1.9	0.046	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-4	**0.83**	**J**	3.7	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-5	ND		1.9	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-6	ND		1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-7	ND		1.9	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-8	ND		3.7	0.11	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-9	ND		1.9	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-10	ND		1.9	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-11	**1.1**	**J q B**	3.7	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-12	ND	C	3.7	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-13	ND	C12	3.7	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-14	**510**		1.9	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-15	ND		1.9	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-16	**0.33**	**J**	1.9	0.089	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-17	**2.2**	**q**	1.9	0.088	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-18	**0.51**	**J q C**	3.7	0.059	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-19	**2.5**	**q**	1.9	0.083	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-20	**1.4**	**J C**	3.7	0.40	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-21	ND	C	3.7	0.39	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-22	ND		1.9	0.37	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-23	ND		1.9	0.43	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-24	ND		1.9	0.060	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-25	ND		1.9	0.34	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-26	ND	C	3.7	0.44	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-27	**1.1**	**J**	1.9	0.062	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-28	**1.4**	**J C20**	3.7	0.40	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-29	ND	C26	3.7	0.44	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-30	**0.51**	**J q C18**	3.7	0.059	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-31	**0.99**	**J B**	3.7	0.36	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-32	**1.3**	**J B**	1.9	0.054	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-33	ND	C21	3.7	0.39	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-34	ND		1.9	0.44	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-35	ND		1.9	0.39	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-36	**270**		1.9	0.34	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-37	ND		1.9	0.38	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-38	ND		1.9	0.37	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-39	ND		1.9	0.38	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-40	**2.5**	**J q C**	5.6	0.052	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-41	**2.5**	**J q C40**	5.6	0.052	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-42	**1.4**	**J q**	1.9	0.057	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-43	**2.1**	**J C**	3.7	0.044	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-44	**41**	**C**	5.6	0.047	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-45	**3.6**	**J C**	3.7	0.056	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-46	**0.41**	**J q**	1.9	0.066	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-47	**41**	**C44**	5.6	0.047	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-48	**0.71**	**J**	1.9	0.052	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-49	**6.3**	**C**	3.7	0.044	ng/g		12/15/23 10:45	01/03/24 19:31	1

Client Sample ID: PW-01
Date Collected: 11/21/23 09:15
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-1
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	**2.7**	**J C**	3.7	0.051	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-51	**3.6**	**J C45**	3.7	0.056	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-52	**7.8**	**B**	1.9	0.046	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-53	**2.7**	**J C50**	3.7	0.051	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-54	**0.41**	**J q**	1.9	0.026	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-55	ND		1.9	0.031	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-56	**0.47**	**J q**	1.9	0.032	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-57	ND		1.9	0.035	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-58	ND		1.9	0.031	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-59	ND	C	5.6	0.039	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-60	ND		1.9	0.037	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-61	**3.9**	**J C B**	7.4	0.034	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-62	ND	C59	5.6	0.039	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-63	ND		1.9	0.037	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-64	**1.3**	**J**	1.9	0.038	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-65	**41**	**C44**	5.6	0.047	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-66	**1.9**	**B**	1.9	0.032	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-67	ND		1.9	0.030	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-68	**4.6**		1.9	0.035	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-69	**6.3**	**C49**	3.7	0.044	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-70	**3.9**	**J C61 B**	7.4	0.034	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-71	**2.5**	**J q C40**	5.6	0.052	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-72	ND		1.9	0.034	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-73	**2.1**	**J C43**	3.7	0.044	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-74	**3.9**	**J C61 B**	7.4	0.034	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-75	ND	C59	5.6	0.039	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-76	**3.9**	**J C61 B**	7.4	0.034	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-77	ND		1.9	0.037	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-78	**700**		1.9	0.032	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-79	ND		1.9	0.027	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-80	ND		1.9	0.031	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-81	ND		1.9	0.039	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-82	**0.94**	**J q**	1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-83	**9.0**	**C**	3.7	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-84	**3.5**		1.9	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-85	**2.3**	**J C B**	5.6	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-86	**9.1**	**J C**	11	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-87	**9.1**	**J C86**	11	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-88	**3.1**	**J C**	3.7	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-89	ND		1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-90	**17**	**C B**	5.6	0.11	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-91	**3.1**	**J C88**	3.7	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-92	**7.5**		1.9	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-93	**2.6**	**J C**	3.7	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-94	ND		1.9	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-95	**12**		1.9	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-96	ND		1.9	0.091	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-97	**9.1**	**J C86**	11	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-98	ND	C	3.7	0.11	ng/g		12/15/23 10:45	01/03/24 19:31	1

Client Sample ID: PW-01
Date Collected: 11/21/23 09:15
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-1
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	**9.0**	**C83**	3.7	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-100	**2.6**	**J C93**	3.7	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-101	**17**	**C90 B**	5.6	0.11	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-102	ND	C98	3.7	0.11	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-103	ND		1.9	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-104	**1500**		1.9	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-105	**2.9**		1.9	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-106	**15**		1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-107	**0.83**	**J q**	1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-108	**0.49**	**J C**	3.7	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-109	**9.1**	**J C86**	11	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-110	**13**	**C B**	3.7	0.077	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-111	ND		1.9	0.086	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-112	ND		1.9	0.074	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-113	**17**	**C90 B**	5.6	0.11	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-114	ND		1.9	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-115	**13**	**C110 B**	3.7	0.077	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-116	**2.3**	**J C85 B**	5.6	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-117	**2.3**	**J C85 B**	5.6	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-118	**9.4**		1.9	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-119	**9.1**	**J C86**	11	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-120	ND		1.9	0.069	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-121	**470**		1.9	0.082	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-122	ND		1.9	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-123	ND		1.9	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-124	**0.49**	**J C108**	3.7	0.13	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-125	**9.1**	**J C86**	11	0.10	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-126	ND		1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-127	ND		1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-128	**2.6**	**J C**	3.7	0.16	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-129	**17**	**C**	7.4	0.18	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-130	**0.95**	**J q**	1.9	0.24	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-131	ND		1.9	0.23	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-132	**7.0**		1.9	0.22	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-133	ND		1.9	0.20	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-134	**1.2**	**J q C**	3.7	0.23	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-135	**3.9**	**C**	3.7	0.013	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-136	**1.9**	**q**	1.9	0.010	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-137	**0.98**	**J q**	1.9	0.21	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-138	**17**	**C129**	7.4	0.18	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-139	ND	C	3.7	0.18	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-140	ND	C139	3.7	0.18	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-141	**2.1**	**q**	1.9	0.20	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-142	**400**		1.9	0.23	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-143	**1.2**	**J q C134**	3.7	0.23	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-144	ND		1.9	0.013	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-145	ND		1.9	0.0092	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-146	**1.7**	**J q**	1.9	0.17	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-147	**11**	**C**	3.7	0.18	ng/g		12/15/23 10:45	01/03/24 19:31	1

Client Sample ID: PW-01
Date Collected: 11/21/23 09:15
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-1
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		1.9	0.013	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-149	**11**	**C147**	3.7	0.18	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-150	ND		1.9	0.0099	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-151	**3.9**	**C135**	3.7	0.013	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-152	**0.94**	**J**	1.9	0.0088	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-153	**11**	**C**	3.7	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-154	**1.2**	**J q**	1.9	0.012	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-155	**530**		1.9	0.011	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-156	**1.5**	**J C**	3.7	0.17	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-157	**1.5**	**J C156**	3.7	0.17	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-158	**1.6**	**J**	1.9	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-159	**2.0**		1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-160	**17**	**C129**	7.4	0.18	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-161	**16**		1.9	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-162	ND		1.9	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-163	**17**	**C129**	7.4	0.18	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-164	**1.1**	**J**	1.9	0.14	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-165	**3.1**	**q**	1.9	0.16	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-166	**2.6**	**J C128**	3.7	0.16	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-167	**0.53**	**J**	1.9	0.12	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-168	**11**	**C153**	3.7	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-169	ND		1.9	0.11	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-170	ND		1.9	0.020	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-171	ND	C	3.7	0.018	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-172	ND		1.9	0.017	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-173	ND	C171	3.7	0.018	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-174	ND		1.9	0.016	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-175	ND		1.9	0.018	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-176	ND		1.9	0.013	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-177	ND		1.9	0.017	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-178	ND		1.9	0.018	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-179	ND		1.9	0.011	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-180	**7.0**	**C**	3.7	0.014	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-181	ND		1.9	0.015	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-182	ND		1.9	0.014	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-183	ND	C	3.7	0.016	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-184	**780**		1.9	0.012	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-185	ND	C183	3.7	0.016	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-186	ND		1.9	0.011	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-187	ND		1.9	0.014	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-188	ND		1.9	0.012	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-189	ND		1.9	0.077	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-190	ND		1.9	0.012	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-191	ND		1.9	0.012	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-192	**2100**	**B**	1.9	0.011	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-193	**7.0**	**C180**	3.7	0.014	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-194	**0.20**	**J q**	1.9	0.048	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-195	**0.089**	**J q**	1.9	0.054	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-196	ND		1.9	0.057	ng/g		12/15/23 10:45	01/03/24 19:31	1

Client Sample ID: PW-01
Date Collected: 11/21/23 09:15
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-1
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**13**		1.9	0.042	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-198	ND	C	3.7	0.050	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-199	ND	C198	3.7	0.050	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-200	ND		1.9	0.046	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-201	ND		1.9	0.046	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-202	ND		1.9	0.044	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-203	ND		1.9	0.046	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-204	**1300**		1.9	0.040	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-205	**0.28**	**J q**	1.9	0.040	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-206	ND		1.9	0.19	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-207	**5.5**		1.9	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-208	ND		1.9	0.15	ng/g		12/15/23 10:45	01/03/24 19:31	1
PCB-209	**6.8**		1.9	0.032	ng/g		12/15/23 10:45	01/03/24 19:31	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*94*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-3L	*86*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-4L	*94*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-15L	*85*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-19L	*93*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-37L	*87*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-54L	*92*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-77L	*88*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-81L	*89*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-104L	*100*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-105L	*96*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-114L	*97*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-118L	*101*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-123L	*101*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-126L	*99*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-155L	*100*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-156L	*89*	*C*	*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-157L	*89*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-167L	*88*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-169L	*87*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-170L	*98*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-188L	*108*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-189L	*95*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-202L	*103*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-205L	*96*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-206L	*96*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-208L	*103*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*
PCB-209L	*95*		*30 - 140*	*12/15/23 10:45*	*01/03/24 19:31*	*1*

Client Sample ID: PW-01-DUP
Lab Sample ID: 140-34509-2

Date Collected: 11/21/23 09:15
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	**0.12**	**J q**	2.0	0.037	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-2	ND		2.0	0.042	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-3	ND		2.0	0.052	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-4	**3.0**	**J**	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-5	ND		2.0	0.13	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-6	ND		2.0	0.10	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-7	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-8	**0.56**	**J**	4.1	0.10	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-9	ND		2.0	0.11	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-10	**0.60**	**J q**	2.0	0.13	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-11	**0.82**	**J B**	4.1	0.11	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-12	ND	C	4.1	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-13	ND	C12	4.1	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-14	**390**		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-15	**1.0**	**J**	2.0	0.13	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-16	**0.37**	**J q**	2.0	0.097	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-17	**4.0**	**q**	2.0	0.096	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-18	**1.0**	**J C**	4.1	0.065	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-19	**5.8**		2.0	0.090	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-20	**2.8**	**J q C**	4.1	0.40	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-21	**0.55**	**J q C B**	4.1	0.39	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-22	**0.57**	**J**	2.0	0.37	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-23	ND		2.0	0.43	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-24	ND		2.0	0.066	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-25	**0.75**	**J q**	2.0	0.34	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-26	**0.97**	**J q C**	4.1	0.44	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-27	**2.3**		2.0	0.068	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-28	**2.8**	**J q C20**	4.1	0.40	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-29	**0.97**	**J q C26**	4.1	0.44	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-30	**1.0**	**J C18**	4.1	0.065	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-31	**2.1**	**J B**	4.1	0.36	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-32	**2.4**	**B**	2.0	0.059	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-33	**0.55**	**J q C21 B**	4.1	0.39	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-34	ND		2.0	0.44	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-35	ND		2.0	0.39	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-36	**250**		2.0	0.34	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-37	ND		2.0	0.38	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-38	ND		2.0	0.37	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-39	ND		2.0	0.38	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-40	**3.2**	**J C**	6.1	0.047	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-41	**3.2**	**J C40**	6.1	0.047	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-42	**2.1**		2.0	0.052	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-43	**2.0**	**J q C**	4.1	0.040	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-44	**45**	**C**	6.1	0.043	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-45	**5.1**	**C**	4.1	0.051	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-46	**0.45**	**J q**	2.0	0.061	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-47	**45**	**C44**	6.1	0.043	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-48	**0.87**	**J q**	2.0	0.048	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-49	**8.8**	**C**	4.1	0.040	ng/g		12/15/23 10:45	01/04/24 14:01	1

Client Sample ID: PW-01-DUP
Lab Sample ID: 140-34509-2

Date Collected: 11/21/23 09:15
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	3.6	J C	4.1	0.047	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-51	5.1	C45	4.1	0.051	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-52	11	B	2.0	0.042	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-53	3.6	J C50	4.1	0.047	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-54	0.91	J	2.0	0.039	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-55	0.12	J	2.0	0.028	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-56	0.73	J q	2.0	0.029	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-57	ND		2.0	0.032	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-58	ND		2.0	0.028	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-59	0.73	J q C	6.1	0.036	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-60	0.44	J q	2.0	0.034	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-61	6.3	J C B	8.2	0.031	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-62	0.73	J q C59	6.1	0.036	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-63	ND		2.0	0.034	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-64	1.9	J q	2.0	0.035	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-65	45	C44	6.1	0.043	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-66	3.0	B	2.0	0.029	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-67	ND		2.0	0.027	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-68	4.7		2.0	0.032	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-69	8.8	C49	4.1	0.040	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-70	6.3	J C61 B	8.2	0.031	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-71	3.2	J C40	6.1	0.047	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-72	0.44	J	2.0	0.031	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-73	2.0	J q C43	4.1	0.040	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-74	6.3	J C61 B	8.2	0.031	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-75	0.73	J q C59	6.1	0.036	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-76	6.3	J C61 B	8.2	0.031	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-77	ND		2.0	0.034	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-78	680		2.0	0.030	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-79	ND		2.0	0.025	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-80	ND		2.0	0.028	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-81	1.1	J q	2.0	0.035	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-82	ND		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-83	11	C	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-84	4.7		2.0	0.18	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-85	3.1	J C B	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-86	10	J C	12	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-87	10	J C86	12	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-88	3.8	J q C	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-89	ND		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-90	20	C B	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-91	3.8	J q C88	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-92	7.1		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-93	2.8	J q C	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-94	ND		2.0	0.18	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-95	14		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-96	3.1	q	2.0	0.11	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-97	10	J C86	12	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-98	0.81	J q C	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 14:01	1

Client Sample ID: PW-01-DUP
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Date Collected: 11/21/23 09:15
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	**11**	**C83**	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-100	**2.8**	**J q C93**	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-101	**20**	**C90 B**	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-102	**0.81**	**J q C98**	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-103	ND		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-104	**1500**		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-105	**3.5**		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-106	**15**		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-107	**0.96**	**J**	2.0	0.14	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-108	**0.56**	**J q C**	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-109	**10**	**J C86**	12	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-110	**16**	**C B**	4.1	0.092	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-111	ND		2.0	0.10	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-112	ND		2.0	0.088	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-113	**20**	**C90 B**	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-114	**0.22**	**J q**	2.0	0.15	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-115	**16**	**C110 B**	4.1	0.092	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-116	**3.1**	**J C85 B**	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-117	**3.1**	**J C85 B**	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-118	**12**		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-119	**10**	**J C86**	12	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-120	ND		2.0	0.082	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-121	**450**		2.0	0.097	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-122	ND		2.0	0.18	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-123	ND		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-124	**0.56**	**J q C108**	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-125	**10**	**J C86**	12	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-126	ND		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-127	ND		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-128	**3.3**	**J C**	4.1	0.20	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-129	**22**	**C**	8.2	0.22	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-130	**1.8**	**J**	2.0	0.31	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-131	ND		2.0	0.28	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-132	**9.8**		2.0	0.28	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-133	ND		2.0	0.25	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-134	**1.6**	**J C**	4.1	0.29	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-135	**4.2**	**q C**	4.1	0.097	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-136	**2.6**		2.0	0.075	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-137	**1.4**	**J**	2.0	0.26	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-138	**22**	**C129**	8.2	0.22	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-139	ND	C	4.1	0.23	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-140	ND	C139	4.1	0.23	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-141	**3.4**		2.0	0.26	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-142	**450**		2.0	0.29	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-143	**1.6**	**J C134**	4.1	0.29	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-144	ND		2.0	0.098	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-145	**0.41**	**J q**	2.0	0.067	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-146	**2.5**		2.0	0.21	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-147	**15**	**C**	4.1	0.23	ng/g		12/15/23 10:45	01/04/24 14:01	1

Client Sample ID: PW-01-DUP
Lab Sample ID: 140-34509-2

Date Collected: 11/21/23 09:15
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		2.0	0.098	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-149	**15**	**C147**	4.1	0.23	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-150	**0.34**	**J q**	2.0	0.072	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-151	**4.2**	**q C135**	4.1	0.097	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-152	**1.1**	**J**	2.0	0.064	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-153	**13**	**C**	4.1	0.19	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-154	**1.3**	**J**	2.0	0.088	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-155	**530**		2.0	0.078	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-156	**2.0**	**J C**	4.1	0.30	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-157	**2.0**	**J C156**	4.1	0.30	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-158	**2.0**		2.0	0.17	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-159	**2.4**		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-160	**22**	**C129**	8.2	0.22	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-161	**19**		2.0	0.17	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-162	ND		2.0	0.18	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-163	**22**	**C129**	8.2	0.22	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-164	**1.3**	**J q**	2.0	0.17	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-165	**3.2**		2.0	0.20	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-166	**3.3**	**J C128**	4.1	0.20	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-167	**0.57**	**J**	2.0	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-168	**13**	**C153**	4.1	0.19	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-169	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-170	ND		2.0	0.0078	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-171	ND	C	4.1	0.0068	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-172	ND		2.0	0.0066	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-173	ND	C171	4.1	0.0068	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-174	ND		2.0	0.0061	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-175	ND		2.0	0.0068	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-176	ND		2.0	0.0051	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-177	ND		2.0	0.0064	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-178	ND		2.0	0.0070	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-179	ND		2.0	0.0044	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-180	**5.9**	**q C**	4.1	0.0053	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-181	ND		2.0	0.0058	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-182	ND		2.0	0.0056	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-183	ND	C	4.1	0.0063	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-184	**780**		2.0	0.0047	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-185	ND	C183	4.1	0.0063	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-186	ND		2.0	0.0042	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-187	ND		2.0	0.0053	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-188	ND		2.0	0.0046	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-189	ND		2.0	0.11	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-190	ND		2.0	0.0047	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-191	ND		2.0	0.0048	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-192	**2300**	**B**	2.0	0.0043	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-193	**5.9**	**q C180**	4.1	0.0053	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-194	**0.16**	**J q**	2.0	0.046	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-195	ND		2.0	0.051	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-196	ND		2.0	0.090	ng/g		12/15/23 10:45	01/04/24 14:01	1

Client Sample ID: PW-01-DUP
Date Collected: 11/21/23 09:15
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-2
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**9.6**		2.0	0.067	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-198	ND	C	4.1	0.080	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-199	ND	C198	4.1	0.080	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-200	**2.3**	**q**	2.0	0.073	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-201	ND		2.0	0.074	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-202	ND		2.0	0.070	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-203	ND		2.0	0.073	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-204	**990**		2.0	0.063	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-205	**0.23**	**J q**	2.0	0.038	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-206	ND		2.0	0.20	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-207	**5.6**		2.0	0.18	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-208	ND		2.0	0.19	ng/g		12/15/23 10:45	01/04/24 14:01	1
PCB-209	**7.2**		2.0	0.030	ng/g		12/15/23 10:45	01/04/24 14:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*94*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-3L	*79*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-4L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-15L	*86*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-19L	*96*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-37L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-54L	*96*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-77L	*86*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-81L	*89*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-104L	*112*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-105L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-114L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-118L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-123L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-126L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-155L	*104*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-156L	*59*	*C*	*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-157L	*59*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-167L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-169L	*92*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-170L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-188L	*109*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-189L	*102*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-202L	*102*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-205L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-206L	*114*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-208L	*107*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*
PCB-209L	*116*		*30 - 140*	*12/15/23 10:45*	*01/04/24 14:01*	*1*

Client Sample ID: PW-02
Date Collected: 11/21/23 09:12
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-3
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	ND		2.0	0.031	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-2	ND		2.0	0.036	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-3	ND		2.0	0.045	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-4	ND		4.1	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-5	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-6	ND		2.0	0.10	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-7	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-8	ND		4.1	0.099	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-9	ND		2.0	0.11	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-10	ND		2.0	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-11	**1.3**	**J B**	4.1	0.10	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-12	ND	C	4.1	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-13	ND	C12	4.1	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-14	**600**		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-15	**0.75**	**J**	2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-16	**0.62**	**J q**	2.0	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-17	**1.9**	**J**	2.0	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-18	**1.5**	**J C**	4.1	0.094	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-19	**1.5**	**J**	2.0	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-20	**3.1**	**J C**	4.1	0.50	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-21	**1.3**	**J C B**	4.1	0.49	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-22	**0.77**	**J**	2.0	0.46	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-23	ND		2.0	0.54	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-24	ND		2.0	0.095	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-25	**0.46**	**J**	2.0	0.43	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-26	**0.85**	**J C**	4.1	0.55	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-27	**0.61**	**J**	2.0	0.099	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-28	**3.1**	**J C20**	4.1	0.50	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-29	**0.85**	**J C26**	4.1	0.55	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-30	**1.5**	**J C18**	4.1	0.094	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-31	**2.5**	**J B**	4.1	0.45	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-32	**0.99**	**J B**	2.0	0.086	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-33	**1.3**	**J C21 B**	4.1	0.49	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-34	ND		2.0	0.55	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-35	ND		2.0	0.49	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-36	**290**		2.0	0.43	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-37	ND		2.0	0.48	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-38	ND		2.0	0.47	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-39	**0.77**	**J q**	2.0	0.48	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-40	**2.3**	**J C**	6.1	0.048	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-41	**2.3**	**J C40**	6.1	0.048	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-42	**1.3**	**J q**	2.0	0.053	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-43	**1.8**	**J C**	4.1	0.041	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-44	**33**	**C**	6.1	0.043	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-45	**2.5**	**J C**	4.1	0.052	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-46	**0.29**	**J q**	2.0	0.062	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-47	**33**	**C44**	6.1	0.043	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-48	**0.75**	**J**	2.0	0.049	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-49	**4.2**	**C**	4.1	0.041	ng/g		12/15/23 10:45	01/04/24 15:02	1

Client Sample ID: PW-02
Date Collected: 11/21/23 09:12
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-3
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	**1.7**	**J C**	4.1	0.047	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-51	**2.5**	**J C45**	4.1	0.052	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-52	**5.6**	**B**	2.0	0.043	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-53	**1.7**	**J C50**	4.1	0.047	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-54	**0.35**	**J**	2.0	0.026	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-55	ND		2.0	0.029	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-56	**0.47**	**J**	2.0	0.030	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-57	ND		2.0	0.033	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-58	ND		2.0	0.028	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-59	**0.56**	**J C**	6.1	0.036	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-60	**0.51**	**J q**	2.0	0.035	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-61	**3.2**	**J C B**	8.2	0.032	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-62	**0.56**	**J C59**	6.1	0.036	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-63	ND		2.0	0.034	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-64	**1.7**	**J**	2.0	0.035	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-65	**33**	**C44**	6.1	0.043	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-66	**1.6**	**J B**	2.0	0.030	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-67	ND		2.0	0.027	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-68	**4.6**		2.0	0.032	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-69	**4.2**	**C49**	4.1	0.041	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-70	**3.2**	**J C61 B**	8.2	0.032	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-71	**2.3**	**J C40**	6.1	0.048	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-72	ND		2.0	0.031	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-73	**1.8**	**J C43**	4.1	0.041	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-74	**3.2**	**J C61 B**	8.2	0.032	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-75	**0.56**	**J C59**	6.1	0.036	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-76	**3.2**	**J C61 B**	8.2	0.032	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-77	ND		2.0	0.035	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-78	**720**		2.0	0.030	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-79	ND		2.0	0.025	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-80	ND		2.0	0.029	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-81	**1.2**	**J**	2.0	0.036	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-82	ND		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-83	**5.2**	**C**	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-84	**2.1**		2.0	0.18	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-85	**1.6**	**J C B**	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-86	**4.9**	**J q C**	12	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-87	**4.9**	**J q C86**	12	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-88	**1.5**	**J C**	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-89	ND		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-90	**9.6**	**C B**	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-91	**1.5**	**J C88**	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-92	**3.2**		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-93	**2.6**	**J C**	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-94	ND		2.0	0.17	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-95	**6.9**		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-96	ND		2.0	0.11	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-97	**4.9**	**J q C86**	12	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-98	ND	C	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1

Client Sample ID: PW-02
Date Collected: 11/21/23 09:12
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-3
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	**5.2**	**C83**	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-100	**2.6**	**J C93**	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-101	**9.6**	**C90 B**	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-102	ND	C98	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-103	ND		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-104	**1600**		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-105	**1.4**	**J**	2.0	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-106	**15**		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-107	**0.43**	**J**	2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-108	**0.17**	**J q C**	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-109	**4.9**	**J q C86**	12	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-110	**7.6**	**C B**	4.1	0.090	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-111	ND		2.0	0.10	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-112	ND		2.0	0.086	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-113	**9.6**	**C90 B**	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-114	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-115	**7.6**	**C110 B**	4.1	0.090	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-116	**1.6**	**J C85 B**	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-117	**1.6**	**J C85 B**	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-118	**5.2**		2.0	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-119	**4.9**	**J q C86**	12	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-120	ND		2.0	0.080	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-121	**490**		2.0	0.095	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-122	ND		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-123	ND		2.0	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-124	**0.17**	**J q C108**	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-125	**4.9**	**J q C86**	12	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-126	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-127	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-128	**1.5**	**J C**	4.1	0.17	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-129	**8.1**	**J C**	8.2	0.18	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-130	ND		2.0	0.25	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-131	ND		2.0	0.23	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-132	**4.4**	**q**	2.0	0.23	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-133	ND		2.0	0.21	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-134	**0.49**	**J q C**	4.1	0.23	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-135	**2.2**	**J q C**	4.1	0.084	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-136	**1.3**	**J q**	2.0	0.065	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-137	ND		2.0	0.21	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-138	**8.1**	**J C129**	8.2	0.18	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-139	ND	C	4.1	0.19	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-140	ND	C139	4.1	0.19	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-141	**1.2**	**J**	2.0	0.21	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-142	**410**		2.0	0.24	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-143	**0.49**	**J q C134**	4.1	0.23	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-144	ND		2.0	0.084	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-145	ND		2.0	0.058	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-146	**0.73**	**J q**	2.0	0.17	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-147	**5.8**	**C**	4.1	0.19	ng/g		12/15/23 10:45	01/04/24 15:02	1

Client Sample ID: PW-02
Date Collected: 11/21/23 09:12
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-3
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		2.0	0.084	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-149	**5.8**	**C147**	4.1	0.19	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-150	**0.48**	**J q**	2.0	0.062	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-151	**2.2**	**J q C135**	4.1	0.084	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-152	**1.4**	**J**	2.0	0.055	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-153	**5.3**	**C**	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-154	**1.3**	**J**	2.0	0.076	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-155	**550**		2.0	0.067	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-156	**0.88**	**J C**	4.1	0.18	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-157	**0.88**	**J C156**	4.1	0.18	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-158	**0.71**	**J**	2.0	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-159	**1.8**	**J**	2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-160	**8.1**	**J C129**	8.2	0.18	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-161	**15**		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-162	ND		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-163	**8.1**	**J C129**	8.2	0.18	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-164	**0.46**	**J q**	2.0	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-165	**2.8**		2.0	0.17	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-166	**1.5**	**J C128**	4.1	0.17	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-167	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-168	**5.3**	**C153**	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-169	ND		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-170	ND		2.0	0.10	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-171	ND	C	4.1	0.087	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-172	ND		2.0	0.084	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-173	ND	C171	4.1	0.087	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-174	ND		2.0	0.078	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-175	ND		2.0	0.087	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-176	ND		2.0	0.065	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-177	ND		2.0	0.081	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-178	ND		2.0	0.089	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-179	ND		2.0	0.056	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-180	**4.0**	**J C**	4.1	0.067	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-181	ND		2.0	0.074	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-182	ND		2.0	0.071	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-183	ND	C	4.1	0.081	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-184	**860**		2.0	0.060	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-185	ND	C183	4.1	0.081	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-186	ND		2.0	0.053	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-187	ND		2.0	0.068	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-188	ND		2.0	0.057	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-189	ND		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-190	ND		2.0	0.060	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-191	ND		2.0	0.062	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-192	**2300**	**B**	2.0	0.055	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-193	**4.0**	**J C180**	4.1	0.067	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-194	ND		2.0	0.060	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-195	ND		2.0	0.067	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-196	ND		2.0	0.080	ng/g		12/15/23 10:45	01/04/24 15:02	1

Client Sample ID: PW-02
Date Collected: 11/21/23 09:12
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-3
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**13**		2.0	0.060	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-198	ND	C	4.1	0.072	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-199	ND	C198	4.1	0.072	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-200	**1.4**	**J**	2.0	0.065	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-201	ND		2.0	0.066	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-202	ND		2.0	0.063	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-203	ND		2.0	0.065	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-204	**1400**		2.0	0.057	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-205	**0.33**	**J**	2.0	0.049	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-206	ND		2.0	0.20	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-207	**5.8**		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-208	ND		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 15:02	1
PCB-209	**7.2**		2.0	0.049	ng/g		12/15/23 10:45	01/04/24 15:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-3L	*89*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-4L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-15L	*93*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-19L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-37L	*93*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-54L	*102*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-77L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-81L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-104L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-105L	*102*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-114L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-118L	*105*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-123L	*105*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-126L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-155L	*106*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-156L	*96*	*C*	*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-157L	*96*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-167L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-169L	*91*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-170L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-188L	*120*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-189L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-202L	*111*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-205L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-206L	*104*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-208L	*106*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*
PCB-209L	*109*		*30 - 140*	*12/15/23 10:45*	*01/04/24 15:02*	*1*

Client Sample ID: PW-02-DUP
Lab Sample ID: 140-34509-4

Date Collected: 11/21/23 09:12
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	ND		2.0	0.036	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-2	ND		2.0	0.042	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-3	ND		2.0	0.054	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-4	**1.8**	**J**	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-5	ND		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-6	**0.70**	**J**	2.0	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-7	ND		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-8	**1.8**	**J**	4.1	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-9	ND		2.0	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-10	**0.28**	**J q**	2.0	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-11	**1.4**	**J B**	4.1	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-12	ND	C	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-13	ND	C12	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-14	**780**		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-15	**1.3**	**J**	2.0	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-16	**1.6**	**J**	2.0	0.11	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-17	**4.2**		2.0	0.11	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-18	**3.8**	**J C**	4.1	0.074	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-19	**2.1**		2.0	0.10	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-20	**7.1**	**C**	4.1	0.37	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-21	**3.1**	**J C B**	4.1	0.37	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-22	**1.7**	**J**	2.0	0.34	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-23	ND		2.0	0.40	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-24	ND		2.0	0.076	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-25	**1.8**	**J**	2.0	0.32	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-26	**5.5**	**C**	4.1	0.41	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-27	**1.0**	**J q**	2.0	0.078	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-28	**7.1**	**C20**	4.1	0.37	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-29	**5.5**	**C26**	4.1	0.41	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-30	**3.8**	**J C18**	4.1	0.074	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-31	**5.4**	**B**	4.1	0.33	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-32	**2.1**	**B**	2.0	0.068	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-33	**3.1**	**J C21 B**	4.1	0.37	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-34	ND		2.0	0.41	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-35	ND		2.0	0.36	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-36	**310**		2.0	0.32	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-37	**1.0**	**J**	2.0	0.36	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-38	ND		2.0	0.35	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-39	ND		2.0	0.36	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-40	**7.2**	**C**	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-41	**7.2**	**C40**	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-42	**4.9**		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-43	**3.2**	**J C**	4.1	0.11	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-44	**57**	**C**	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-45	**4.7**	**q C**	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-46	**1.1**	**J q**	2.0	0.17	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-47	**57**	**C44**	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-48	**2.2**	**q**	2.0	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-49	**20**	**C**	4.1	0.11	ng/g		12/15/23 10:45	01/04/24 16:03	1

Client Sample ID: PW-02-DUP
Lab Sample ID: 140-34509-4

Date Collected: 11/21/23 09:12
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	5.1	C	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-51	4.7	q C45	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-52	37	B	2.0	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-53	5.1	C50	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-54	0.46	J q	2.0	0.033	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-55	ND		2.0	0.079	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-56	1.3	J	2.0	0.082	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-57	0.82	J	2.0	0.090	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-58	ND		2.0	0.078	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-59	1.8	J C	6.1	0.10	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-60	0.55	J	2.0	0.095	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-61	15	C B	8.2	0.087	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-62	1.8	J C59	6.1	0.10	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-63	0.59	J q	2.0	0.094	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-64	5.5		2.0	0.097	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-65	57	C44	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-66	7.3	B	2.0	0.081	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-67	0.43	J q	2.0	0.075	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-68	6.1		2.0	0.089	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-69	20	C49	4.1	0.11	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-70	15	C61 B	8.2	0.087	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-71	7.2	C40	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-72	0.86	J	2.0	0.086	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-73	3.2	J C43	4.1	0.11	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-74	15	C61 B	8.2	0.087	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-75	1.8	J C59	6.1	0.10	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-76	15	C61 B	8.2	0.087	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-77	ND		2.0	0.094	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-78	750		2.0	0.083	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-79	ND		2.0	0.069	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-80	ND		2.0	0.078	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-81	0.87	J q	2.0	0.10	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-82	2.0		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-83	17	C	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-84	8.5		2.0	0.18	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-85	4.3	J C B	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-86	17	C	12	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-87	17	C86	12	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-88	5.8	C	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-89	ND		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-90	31	C B	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-91	5.8	C88	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-92	9.7		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-93	2.8	J q C	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-94	ND		2.0	0.17	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-95	29		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-96	ND		2.0	0.10	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-97	17	C86	12	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-98	1.1	J q C	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1

Client Sample ID: PW-02-DUP
Lab Sample ID: 140-34509-4

Date Collected: 11/21/23 09:12
Matrix: PE
Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	17	C83	4.1	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-100	2.8	J q C93	4.1	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-101	31	C90 B	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-102	1.1	J q C98	4.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-103	ND		2.0	0.14	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-104	1600		2.0	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-105	5.3		2.0	0.22	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-106	15		2.0	0.20	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-107	1.4	J	2.0	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-108	0.75	J q C	4.1	0.21	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-109	17	C86	12	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-110	26	C B	4.1	0.089	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-111	ND		2.0	0.098	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-112	0.19	J q	2.0	0.085	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-113	31	C90 B	6.1	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-114	0.50	J	2.0	0.21	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-115	26	C110 B	4.1	0.089	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-116	4.3	J C85 B	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-117	4.3	J C85 B	6.1	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-118	20		2.0	0.21	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-119	17	C86	12	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-120	ND		2.0	0.079	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-121	410		2.0	0.094	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-122	ND		2.0	0.25	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-123	0.29	J q	2.0	0.21	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-124	0.75	J q C108	4.1	0.21	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-125	17	C86	12	0.12	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-126	ND		2.0	0.21	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-127	ND		2.0	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-128	2.6	J C	4.1	0.18	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-129	18	C	8.2	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-130	1.3	J q	2.0	0.27	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-131	ND		2.0	0.25	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-132	9.4		2.0	0.24	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-133	0.66	J	2.0	0.22	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-134	1.7	J C	4.1	0.25	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-135	6.1	C	4.1	0.048	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-136	3.2		2.0	0.037	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-137	1.5	J	2.0	0.23	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-138	18	C129	8.2	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-139	0.70	J C	4.1	0.20	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-140	0.70	J C139	4.1	0.20	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-141	2.7		2.0	0.23	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-142	410		2.0	0.25	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-143	1.7	J C134	4.1	0.25	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-144	0.64	J	2.0	0.049	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-145	ND		2.0	0.033	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-146	2.5		2.0	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-147	14	C	4.1	0.20	ng/g		12/15/23 10:45	01/04/24 16:03	1

Client Sample ID: PW-02-DUP
Lab Sample ID: 140-34509-4

Date Collected: 11/21/23 09:12
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		2.0	0.049	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-149	**14**	**C147**	4.1	0.20	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-150	**0.57**	**J q**	2.0	0.036	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-151	**6.1**	**C135**	4.1	0.048	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-152	**2.0**		2.0	0.032	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-153	**13**	**C**	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-154	**1.1**	**J q**	2.0	0.044	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-155	**540**		2.0	0.039	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-156	**1.9**	**J C**	4.1	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-157	**1.9**	**J C156**	4.1	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-158	**1.9**	**J**	2.0	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-159	**1.8**	**J**	2.0	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-160	**18**	**C129**	8.2	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-161	**15**		2.0	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-162	ND		2.0	0.16	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-163	**18**	**C129**	8.2	0.19	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-164	**1.1**	**J**	2.0	0.15	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-165	**2.7**		2.0	0.18	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-166	**2.6**	**J C128**	4.1	0.18	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-167	**0.62**	**J**	2.0	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-168	**13**	**C153**	4.1	0.16	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-169	ND		2.0	0.13	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-170	ND		2.0	0.079	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-171	ND	C	4.1	0.073	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-172	ND		2.0	0.071	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-173	ND	C171	4.1	0.073	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-174	ND		2.0	0.066	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-175	ND		2.0	0.073	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-176	ND		2.0	0.055	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-177	ND		2.0	0.068	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-178	ND		2.0	0.075	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-179	**0.42**	**J q**	2.0	0.047	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-180	**5.5**	**q C**	4.1	0.056	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-181	ND		2.0	0.062	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-182	ND		2.0	0.059	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-183	ND	C	4.1	0.068	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-184	**840**		2.0	0.051	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-185	ND	C183	4.1	0.068	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-186	ND		2.0	0.045	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-187	ND		2.0	0.057	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-188	**0.37**	**J q**	2.0	0.051	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-189	ND		2.0	0.11	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-190	ND		2.0	0.051	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-191	ND		2.0	0.052	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-192	**2300**	**B**	2.0	0.047	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-193	**5.5**	**q C180**	4.1	0.056	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-194	**0.14**	**J q**	2.0	0.046	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-195	ND		2.0	0.052	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-196	ND		2.0	0.064	ng/g		12/15/23 10:45	01/04/24 16:03	1

Client Sample ID: PW-02-DUP
Date Collected: 11/21/23 09:12
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-4
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**13**		2.0	0.048	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-198	ND	C	4.1	0.057	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-199	ND	C198	4.1	0.057	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-200	**1.5**	**J q**	2.0	0.052	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-201	ND		2.0	0.052	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-202	ND		2.0	0.050	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-203	ND		2.0	0.052	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-204	**1400**		2.0	0.045	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-205	**0.31**	**J**	2.0	0.038	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-206	ND		2.0	0.27	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-207	**5.7**		2.0	0.22	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-208	ND		2.0	0.22	ng/g		12/15/23 10:45	01/04/24 16:03	1
PCB-209	**6.5**		2.0	0.032	ng/g		12/15/23 10:45	01/04/24 16:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-3L	*85*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-4L	*91*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-15L	*91*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-19L	*90*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-37L	*89*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-54L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-77L	*81*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-81L	*83*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-104L	*117*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-105L	*102*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-114L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-118L	*106*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-123L	*106*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-126L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-155L	*106*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-156L	*95*	*C*	*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-157L	*95*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-167L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-169L	*91*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-170L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-188L	*105*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-189L	*96*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-202L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-205L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-206L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-208L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*
PCB-209L	*102*		*30 - 140*	*12/15/23 10:45*	*01/04/24 16:03*	*1*

Client Sample ID: PW-03
Date Collected: 11/21/23 09:19
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-5
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	0.19	J	1.9	0.032	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-2	0.58	J q	1.9	0.036	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-3	0.11	J q	1.9	0.044	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-4	8.6		3.8	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-5	ND		1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-6	0.75	J	1.9	0.099	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-7	ND		1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-8	2.8	J	3.8	0.097	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-9	ND		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-10	1.8	J	1.9	0.13	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-11	1.7	J B	3.8	0.10	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-12	1.9	J C	3.8	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-13	1.9	J C12	3.8	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-14	750		1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-15	4.6		1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-16	1.1	J	1.9	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-17	17		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-18	3.8	C	3.8	0.092	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-19	12		1.9	0.13	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-20	23	C	3.8	0.46	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-21	2.8	J C B	3.8	0.46	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-22	3.0		1.9	0.43	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-23	ND		1.9	0.50	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-24	0.11	J q	1.9	0.094	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-25	4.3		1.9	0.40	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-26	5.5	C	3.8	0.51	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-27	6.8		1.9	0.097	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-28	23	C20	3.8	0.46	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-29	5.5	C26	3.8	0.51	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-30	3.8	C18	3.8	0.092	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-31	11	B	3.8	0.42	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-32	5.5	B	1.9	0.084	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-33	2.8	J C21 B	3.8	0.46	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-34	ND		1.9	0.51	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-35	ND		1.9	0.46	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-36	240		1.9	0.40	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-37	2.6		1.9	0.45	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-38	0.72	J	1.9	0.44	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-39	ND		1.9	0.44	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-40	11	C	5.7	0.069	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-41	11	C40	5.7	0.069	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-42	6.5		1.9	0.077	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-43	3.5	J C	3.8	0.059	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-44	87	C	5.7	0.063	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-45	8.6	C	3.8	0.075	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-46	1.1	J	1.9	0.089	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-47	87	C44	5.7	0.063	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-48	3.4		1.9	0.070	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-49	31	C	3.8	0.059	ng/g		12/15/23 10:45	01/04/24 17:05	1

Client Sample ID: PW-03
Date Collected: 11/21/23 09:19
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-5
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	7.1	C	3.8	0.069	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-51	8.6	C45	3.8	0.075	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-52	41	B	1.9	0.062	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-53	7.1	C50	3.8	0.069	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-54	1.1	J q	1.9	0.043	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-55	0.44	J	1.9	0.042	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-56	3.6		1.9	0.043	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-57	ND		1.9	0.048	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-58	ND		1.9	0.041	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-59	2.8	J C	5.7	0.053	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-60	2.0		1.9	0.050	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-61	33	C B	7.5	0.046	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-62	2.8	J C59	5.7	0.053	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-63	1.3	J q	1.9	0.050	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-64	8.0		1.9	0.051	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-65	87	C44	5.7	0.063	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-66	18	B	1.9	0.043	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-67	0.87	J q	1.9	0.040	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-68	5.6		1.9	0.047	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-69	31	C49	3.8	0.059	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-70	33	C61 B	7.5	0.046	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-71	11	C40	5.7	0.069	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-72	1.2	J	1.9	0.045	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-73	3.5	J C43	3.8	0.059	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-74	33	C61 B	7.5	0.046	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-75	2.8	J C59	5.7	0.053	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-76	33	C61 B	7.5	0.046	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-77	2.2		1.9	0.050	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-78	610		1.9	0.044	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-79	0.34	J q	1.9	0.037	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-80	ND		1.9	0.041	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-81	1.0	J	1.9	0.052	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-82	4.9		1.9	0.17	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-83	42	C	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-84	11		1.9	0.21	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-85	11	C B	5.7	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-86	37	C	11	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-87	37	C86	11	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-88	10	C	3.8	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-89	ND		1.9	0.17	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-90	71	C B	5.7	0.15	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-91	10	C88	3.8	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-92	18		1.9	0.19	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-93	4.5	C	3.8	0.19	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-94	0.82	J	1.9	0.21	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-95	42		1.9	0.19	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-96	2.3		1.9	0.13	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-97	37	C86	11	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-98	1.8	J C	3.8	0.16	ng/g		12/15/23 10:45	01/04/24 17:05	1

Client Sample ID: PW-03
Date Collected: 11/21/23 09:19
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-5
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	42	C83	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-100	4.5	C93	3.8	0.19	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-101	71	C90 B	5.7	0.15	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-102	1.8	J C98	3.8	0.16	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-103	1.1	J	1.9	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-104	1200		1.9	0.15	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-105	17		1.9	0.29	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-106	14		1.9	0.27	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-107	3.8		1.9	0.26	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-108	2.1	J C	3.8	0.29	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-109	37	C86	11	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-110	58	C B	3.8	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-111	ND		1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-112	ND		1.9	0.10	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-113	71	C90 B	5.7	0.15	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-114	1.1	J q	1.9	0.28	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-115	58	C110 B	3.8	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-116	11	C85 B	5.7	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-117	11	C85 B	5.7	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-118	56		1.9	0.31	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-119	37	C86	11	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-120	ND		1.9	0.097	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-121	430		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-122	0.75	J q	1.9	0.34	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-123	0.89	J	1.9	0.31	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-124	2.1	J C108	3.8	0.29	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-125	37	C86	11	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-126	ND		1.9	0.26	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-127	ND		1.9	0.27	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-128	9.0	C	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-129	51	C	7.5	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-130	4.1		1.9	0.26	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-131	ND		1.9	0.24	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-132	16		1.9	0.23	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-133	0.96	J q	1.9	0.21	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-134	3.3	J C	3.8	0.24	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-135	12	C	3.8	0.066	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-136	5.0		1.9	0.051	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-137	3.4		1.9	0.22	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-138	51	C129	7.5	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-139	1.1	J C	3.8	0.19	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-140	1.1	J C139	3.8	0.19	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-141	6.9		1.9	0.22	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-142	360		1.9	0.24	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-143	3.3	J C134	3.8	0.24	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-144	1.7	J	1.9	0.067	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-145	ND		1.9	0.046	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-146	5.7		1.9	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-147	30	C	3.8	0.19	ng/g		12/15/23 10:45	01/04/24 17:05	1

Client Sample ID: PW-03
Date Collected: 11/21/23 09:19
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-5
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		1.9	0.066	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-149	**30**	**C147**	3.8	0.19	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-150	ND		1.9	0.049	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-151	**12**	**C135**	3.8	0.066	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-152	**1.5**	**J**	1.9	0.044	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-153	**33**	**C**	3.8	0.16	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-154	**1.5**	**J**	1.9	0.060	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-155	**540**		1.9	0.053	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-156	**6.2**	**C**	3.8	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-157	**6.2**	**C156**	3.8	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-158	**4.9**		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-159	**1.8**	**J**	1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-160	**51**	**C129**	7.5	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-161	**15**		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-162	ND		1.9	0.15	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-163	**51**	**C129**	7.5	0.18	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-164	**2.5**	**q**	1.9	0.15	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-165	**2.7**		1.9	0.17	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-166	**9.0**	**C128**	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-167	**1.7**	**J**	1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-168	**33**	**C153**	3.8	0.16	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-169	ND		1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-170	**3.3**	**q**	1.9	0.12	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-171	ND	C	3.8	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-172	ND		1.9	0.10	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-173	ND	C171	3.8	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-174	**2.1**		1.9	0.097	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-175	ND		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-176	ND		1.9	0.081	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-177	**1.5**	**J**	1.9	0.10	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-178	ND		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-179	**0.92**	**J**	1.9	0.069	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-180	**13**	**C**	3.8	0.083	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-181	ND		1.9	0.092	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-182	ND		1.9	0.088	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-183	**1.5**	**J q C B**	3.8	0.10	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-184	**830**		1.9	0.075	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-185	**1.5**	**J q C183 B**	3.8	0.10	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-186	ND		1.9	0.066	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-187	**2.5**		1.9	0.084	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-188	**0.53**	**J**	1.9	0.074	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-189	ND		1.9	0.084	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-190	ND		1.9	0.075	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-191	ND		1.9	0.077	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-192	**2200**	**B**	1.9	0.069	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-193	**13**	**C180**	3.8	0.083	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-194	**0.46**	**J**	1.9	0.053	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-195	**0.14**	**J q**	1.9	0.059	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-196	ND		1.9	0.10	ng/g		12/15/23 10:45	01/04/24 17:05	1

Client Sample ID: PW-03
Date Collected: 11/21/23 09:19
Date Received: 11/22/23 07:53

Lab Sample ID: 140-34509-5
Matrix: PE

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**13**		1.9	0.078	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-198	ND	C	3.8	0.093	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-199	ND	C198	3.8	0.093	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-200	**2.2**	**q**	1.9	0.085	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-201	ND		1.9	0.085	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-202	ND		1.9	0.081	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-203	ND		1.9	0.084	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-204	**1400**		1.9	0.074	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-205	**0.25**	**J q**	1.9	0.043	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-206	ND		1.9	0.17	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-207	**5.4**		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-208	ND		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 17:05	1
PCB-209	**6.9**		1.9	0.032	ng/g		12/15/23 10:45	01/04/24 17:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*91*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-3L	*85*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-4L	*91*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-15L	*82*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-19L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-37L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-54L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-77L	*88*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-81L	*89*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-104L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-105L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-114L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-118L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-123L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-126L	*102*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-155L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-156L	*95*	*C*	*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-157L	*95*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-167L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-169L	*93*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-170L	*93*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-188L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-189L	*82*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-202L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-205L	*93*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-206L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-208L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*
PCB-209L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 17:05*	*1*

Client Sample ID: PW-03-DUP
Lab Sample ID: 140-34509-6

Date Collected: 11/21/23 09:19
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	**0.083**	**J q**	2.1	0.043	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-2	**0.35**	**J**	2.1	0.047	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-3	ND		2.1	0.057	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-4	**3.0**	**J**	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-5	ND		2.1	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-6	ND		2.1	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-7	ND		2.1	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-8	**0.80**	**J**	4.3	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-9	ND		2.1	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-10	**0.85**	**J**	2.1	0.15	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-11	**2.3**	**J B**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-12	ND	C	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-13	ND	C12	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-14	**1100**		2.1	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-15	**1.1**	**J q**	2.1	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-16	**0.39**	**J q**	2.1	0.099	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-17	**4.6**		2.1	0.098	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-18	**1.3**	**J C**	4.3	0.066	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-19	**4.3**		2.1	0.092	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-20	**5.8**	**C**	4.3	0.46	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-21	**0.66**	**J C B**	4.3	0.45	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-22	**0.81**	**J**	2.1	0.42	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-23	ND		2.1	0.49	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-24	ND		2.1	0.067	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-25	**1.0**	**J q**	2.1	0.39	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-26	**1.4**	**J q C**	4.3	0.51	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-27	**2.5**		2.1	0.069	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-28	**5.8**	**C20**	4.3	0.46	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-29	**1.4**	**J q C26**	4.3	0.51	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-30	**1.3**	**J C18**	4.3	0.066	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-31	**3.0**	**J B**	4.3	0.41	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-32	**1.1**	**J B**	2.1	0.060	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-33	**0.66**	**J C21 B**	4.3	0.45	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-34	ND		2.1	0.50	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-35	ND		2.1	0.45	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-36	**300**		2.1	0.39	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-37	**0.66**	**J**	2.1	0.44	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-38	ND		2.1	0.43	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-39	**0.84**	**J**	2.1	0.44	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-40	**3.2**	**J C**	6.4	0.030	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-41	**3.2**	**J C40**	6.4	0.030	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-42	**2.0**	**J**	2.1	0.034	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-43	**2.1**	**J C**	4.3	0.026	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-44	**47**	**C**	6.4	0.028	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-45	**3.4**	**J C**	4.3	0.033	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-46	**0.34**	**J q**	2.1	0.039	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-47	**47**	**C44**	6.4	0.028	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-48	**0.94**	**J**	2.1	0.031	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-49	**9.4**	**C**	4.3	0.026	ng/g		12/15/23 10:45	01/04/24 18:06	1

Client Sample ID: PW-03-DUP
Lab Sample ID: 140-34509-6

Date Collected: 11/21/23 09:19
Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	**3.0**	**J C**	4.3	0.030	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-51	**3.4**	**J C45**	4.3	0.033	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-52	**13**	**B**	2.1	0.027	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-53	**3.0**	**J C50**	4.3	0.030	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-54	**0.61**	**J**	2.1	0.049	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-55	ND		2.1	0.018	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-56	**0.84**	**J**	2.1	0.019	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-57	ND		2.1	0.021	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-58	ND		2.1	0.018	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-59	**1.0**	**J C**	6.4	0.023	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-60	**0.57**	**J q**	2.1	0.022	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-61	**9.1**	**C B**	8.5	0.020	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-62	**1.0**	**J C59**	6.4	0.023	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-63	ND		2.1	0.022	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-64	**2.7**		2.1	0.023	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-65	**47**	**C44**	6.4	0.028	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-66	**4.4**	**B**	2.1	0.019	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-67	ND		2.1	0.017	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-68	**4.8**		2.1	0.021	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-69	**9.4**	**C49**	4.3	0.026	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-70	**9.1**	**C61 B**	8.5	0.020	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-71	**3.2**	**J C40**	6.4	0.030	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-72	ND		2.1	0.020	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-73	**2.1**	**J C43**	4.3	0.026	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-74	**9.1**	**C61 B**	8.5	0.020	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-75	**1.0**	**J C59**	6.4	0.023	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-76	**9.1**	**C61 B**	8.5	0.020	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-77	ND		2.1	0.022	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-78	**700**		2.1	0.019	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-79	ND		2.1	0.016	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-80	ND		2.1	0.018	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-81	**2.9**		2.1	0.023	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-82	ND		2.1	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-83	**13**	**C**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-84	**3.8**		2.1	0.16	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-85	**3.7**	**J C B**	6.4	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-86	**12**	**J C**	13	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-87	**12**	**J C86**	13	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-88	**2.9**	**J q C**	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-89	ND		2.1	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-90	**22**	**C B**	6.4	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-91	**2.9**	**J q C88**	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-92	**8.1**		2.1	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-93	**3.1**	**J C**	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-94	ND		2.1	0.16	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-95	**13**		2.1	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-96	**2.7**		2.1	0.095	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-97	**12**	**J C86**	13	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-98	ND	C	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1

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Matrix: PE

Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	**13**	**C83**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-100	**3.1**	**J C93**	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-101	**22**	**C90 B**	6.4	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-102	ND	C98	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-103	ND		2.1	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-104	**1500**		2.1	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-105	**4.9**		2.1	0.19	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-106	**14**		2.1	0.17	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-107	**1.2**	**J**	2.1	0.17	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-108	**0.60**	**J C**	4.3	0.19	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-109	**12**	**J C86**	13	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-110	**18**	**C B**	4.3	0.080	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-111	ND		2.1	0.089	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-112	ND		2.1	0.077	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-113	**22**	**C90 B**	6.4	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-114	ND		2.1	0.18	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-115	**18**	**C110 B**	4.3	0.080	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-116	**3.7**	**J C85 B**	6.4	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-117	**3.7**	**J C85 B**	6.4	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-118	**16**		2.1	0.19	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-119	**12**	**J C86**	13	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-120	ND		2.1	0.072	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-121	**460**		2.1	0.085	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-122	ND		2.1	0.22	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-123	ND		2.1	0.20	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-124	**0.60**	**J C108**	4.3	0.19	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-125	**12**	**J C86**	13	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-126	ND		2.1	0.17	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-127	ND		2.1	0.17	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-128	**2.8**	**J C**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-129	**16**	**C**	8.5	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-130	**1.4**	**J**	2.1	0.17	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-131	ND		2.1	0.16	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-132	**5.9**		2.1	0.16	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-133	ND		2.1	0.14	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-134	**1.1**	**J C**	4.3	0.16	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-135	**3.9**	**J C**	4.3	0.056	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-136	**1.6**	**J q**	2.1	0.043	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-137	**1.1**	**J**	2.1	0.15	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-138	**16**	**C129**	8.5	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-139	ND	C	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-140	ND	C139	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-141	**1.9**	**J q**	2.1	0.15	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-142	**360**		2.1	0.16	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-143	**1.1**	**J C134**	4.3	0.16	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-144	ND		2.1	0.057	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-145	ND		2.1	0.039	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-146	**1.7**	**J**	2.1	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-147	**9.2**	**C**	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1

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Date Collected: 11/21/23 09:19
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Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		2.1	0.057	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-149	**9.2**	**C147**	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-150	**0.61**	**J q**	2.1	0.042	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-151	**3.9**	**J C135**	4.3	0.056	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-152	**1.4**	**J**	2.1	0.037	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-153	**10**	**C**	4.3	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-154	**1.5**	**J**	2.1	0.051	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-155	**540**		2.1	0.045	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-156	**1.8**	**J C**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-157	**1.8**	**J C156**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-158	**1.6**	**J**	2.1	0.098	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-159	**2.2**		2.1	0.085	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-160	**16**	**C129**	8.5	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-161	**15**		2.1	0.097	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-162	ND		2.1	0.10	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-163	**16**	**C129**	8.5	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-164	**0.90**	**J**	2.1	0.099	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-165	**3.0**		2.1	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-166	**2.8**	**J C128**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-167	**0.58**	**J**	2.1	0.084	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-168	**10**	**C153**	4.3	0.11	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-169	ND		2.1	0.080	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-170	ND		2.1	0.093	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-171	ND	C	4.3	0.085	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-172	ND		2.1	0.082	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-173	ND	C171	4.3	0.085	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-174	ND		2.1	0.076	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-175	ND		2.1	0.084	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-176	ND		2.1	0.063	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-177	ND		2.1	0.079	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-178	ND		2.1	0.086	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-179	ND		2.1	0.054	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-180	**6.2**	**q C**	4.3	0.065	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-181	ND		2.1	0.072	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-182	ND		2.1	0.069	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-183	ND	C	4.3	0.078	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-184	**780**		2.1	0.058	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-185	ND	C183	4.3	0.078	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-186	ND		2.1	0.052	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-187	ND		2.1	0.066	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-188	ND		2.1	0.058	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-189	ND		2.1	0.13	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-190	ND		2.1	0.058	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-191	ND		2.1	0.060	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-192	**2200**	**B**	2.1	0.054	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-193	**6.2**	**q C180**	4.3	0.065	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-194	**0.11**	**J q**	2.1	0.057	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-195	ND		2.1	0.063	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-196	ND		2.1	0.060	ng/g		12/15/23 10:45	01/04/24 18:06	1

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Date Collected: 11/21/23 09:19
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Date Received: 11/22/23 07:53

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**14**		2.1	0.045	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-198	ND	C	4.3	0.053	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-199	ND	C198	4.3	0.053	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-200	ND		2.1	0.049	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-201	ND		2.1	0.049	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-202	ND		2.1	0.047	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-203	ND		2.1	0.048	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-204	**1400**		2.1	0.042	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-205	**0.25**	**J q**	2.1	0.047	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-206	ND		2.1	0.19	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-207	**4.9**		2.1	0.16	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-208	ND		2.1	0.17	ng/g		12/15/23 10:45	01/04/24 18:06	1
PCB-209	**6.7**		2.1	0.034	ng/g		12/15/23 10:45	01/04/24 18:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*90*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-3L	*83*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-4L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-15L	*85*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-19L	*92*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-37L	*88*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-54L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-77L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-81L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-104L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-105L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-114L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-118L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-123L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-126L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-155L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-156L	*96*	*C*	*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-157L	*96*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-167L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-169L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-170L	*94*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-188L	*102*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-189L	*85*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-202L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-205L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-206L	*108*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-208L	*105*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*
PCB-209L	*112*		*30 - 140*	*12/15/23 10:45*	*01/04/24 18:06*	*1*

Client Sample ID: TRIP BLANK PW-01
Lab Sample ID: 140-34509-7

Date Collected: 10/12/23 11:21
Matrix: PE

Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	ND		2.2	0.040	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-2	**0.21**	**J**	2.2	0.044	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-3	ND		2.2	0.053	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-4	ND		4.3	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-5	ND		2.2	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-6	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-7	ND		2.2	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-8	ND		4.3	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-9	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-10	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-11	**4.5**	**q B**	4.3	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-12	ND	C	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-13	ND	C12	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-14	**2500**		2.2	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-15	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-16	ND		2.2	0.045	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-17	**0.14**	**J q**	2.2	0.045	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-18	**0.24**	**J q C**	4.3	0.030	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-19	ND		2.2	0.042	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-20	ND	C	4.3	0.50	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-21	ND	C	4.3	0.49	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-22	ND		2.2	0.46	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-23	ND		2.2	0.54	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-24	ND		2.2	0.031	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-25	ND		2.2	0.43	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-26	ND	C	4.3	0.55	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-27	ND		2.2	0.032	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-28	ND	C20	4.3	0.50	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-29	ND	C26	4.3	0.55	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-30	**0.24**	**J q C18**	4.3	0.030	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-31	ND		4.3	0.45	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-32	**0.092**	**J B**	2.2	0.028	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-33	ND	C21	4.3	0.49	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-34	ND		2.2	0.55	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-35	ND		2.2	0.49	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-36	**470**		2.2	0.43	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-37	ND		2.2	0.48	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-38	ND		2.2	0.47	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-39	ND		2.2	0.48	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-40	ND	C	6.5	0.026	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-41	ND	C40	6.5	0.026	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-42	ND		2.2	0.029	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-43	**2.1**	**J q C**	4.3	0.022	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-44	**36**	**C**	6.5	0.023	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-45	**2.0**	**J C**	4.3	0.028	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-46	ND		2.2	0.033	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-47	**36**	**C44**	6.5	0.023	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-48	ND		2.2	0.026	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-49	ND	C	4.3	0.022	ng/g		12/15/23 10:45	01/04/24 19:07	1

Client Sample ID: TRIP BLANK PW-01
Lab Sample ID: 140-34509-7

Date Collected: 10/12/23 11:21
Matrix: PE
Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	ND	C	4.3	0.026	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-51	**2.0**	**J C45**	4.3	0.028	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-52	ND		2.2	0.023	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-53	ND	C50	4.3	0.026	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-54	**0.27**	**J q**	2.2	0.042	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-55	ND		2.2	0.016	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-56	ND		2.2	0.016	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-57	ND		2.2	0.018	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-58	ND		2.2	0.015	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-59	ND	C	6.5	0.020	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-60	ND		2.2	0.019	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-61	ND	C	8.7	0.017	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-62	ND	C59	6.5	0.020	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-63	ND		2.2	0.018	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-64	ND		2.2	0.019	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-65	**36**	**C44**	6.5	0.023	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-66	ND		2.2	0.016	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-67	ND		2.2	0.015	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-68	**5.7**		2.2	0.017	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-69	ND	C49	4.3	0.022	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-70	ND	C61	8.7	0.017	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-71	ND	C40	6.5	0.026	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-72	ND		2.2	0.017	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-73	**2.1**	**J q C43**	4.3	0.022	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-74	ND	C61	8.7	0.017	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-75	ND	C59	6.5	0.020	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-76	ND	C61	8.7	0.017	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-77	ND		2.2	0.018	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-78	**1000**		2.2	0.016	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-79	ND		2.2	0.014	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-80	ND		2.2	0.015	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-81	**1.5**	**J**	2.2	0.020	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-82	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-83	ND	C	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-84	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-85	ND	C	6.5	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-86	ND	C	13	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-87	ND	C86	13	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-88	ND	C	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-89	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-90	ND	C	6.5	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-91	ND	C88	4.3	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-92	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-93	ND	C	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-94	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-95	ND		2.2	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-96	ND		2.2	0.092	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-97	ND	C86	13	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-98	ND	C	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1

Client Sample ID: TRIP BLANK PW-01
Lab Sample ID: 140-34509-7

Date Collected: 10/12/23 11:21
Matrix: PE

Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	ND	C83	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-100	ND	C93	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-101	ND	C90	6.5	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-102	ND	C98	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-103	ND		2.2	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-104	**2100**		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-105	ND		2.2	0.16	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-106	**16**		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-107	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-108	ND	C	4.3	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-109	ND	C86	13	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-110	ND	C	4.3	0.078	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-111	ND		2.2	0.087	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-112	ND		2.2	0.075	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-113	ND	C90	6.5	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-114	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-115	ND	C110	4.3	0.078	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-116	ND	C85	6.5	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-117	ND	C85	6.5	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-118	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-119	ND	C86	13	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-120	ND		2.2	0.070	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-121	**540**		2.2	0.082	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-122	ND		2.2	0.18	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-123	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-124	ND	C108	4.3	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-125	ND	C86	13	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-126	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-127	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-128	ND	C	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-129	ND	C	8.7	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-130	ND		2.2	0.20	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-131	ND		2.2	0.19	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-132	ND		2.2	0.18	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-133	ND		2.2	0.17	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-134	ND	C	4.3	0.19	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-135	ND	C	4.3	0.075	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-136	ND		2.2	0.058	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-137	ND		2.2	0.17	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-138	ND	C129	8.7	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-139	ND	C	4.3	0.16	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-140	ND	C139	4.3	0.16	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-141	ND		2.2	0.17	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-142	**490**		2.2	0.19	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-143	ND	C134	4.3	0.19	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-144	ND		2.2	0.076	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-145	ND		2.2	0.052	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-146	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-147	ND	C	4.3	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1

Client Sample ID: TRIP BLANK PW-01
Lab Sample ID: 140-34509-7

Date Collected: 10/12/23 11:21
Matrix: PE
Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		2.2	0.076	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-149	ND	C147	4.3	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-150	**0.70**	**J q**	2.2	0.056	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-151	ND	C135	4.3	0.075	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-152	**1.3**	**J**	2.2	0.050	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-153	ND	C	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-154	**1.4**	**J**	2.2	0.068	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-155	**630**		2.2	0.060	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-156	ND	C	4.3	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-157	ND	C156	4.3	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-158	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-159	**2.5**		2.2	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-160	ND	C129	8.7	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-161	**17**		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-162	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-163	ND	C129	8.7	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-164	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-165	**3.5**		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-166	ND	C128	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-167	ND		2.2	0.096	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-168	ND	C153	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-169	ND		2.2	0.094	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-170	ND		2.2	0.17	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-171	ND	C	4.3	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-172	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-173	ND	C171	4.3	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-174	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-175	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-176	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-177	ND		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-178	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-179	ND		2.2	0.096	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-180	**6.7**	**C**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-181	ND		2.2	0.13	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-182	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-183	ND	C	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-184	**880**		2.2	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-185	ND	C183	4.3	0.14	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-186	ND		2.2	0.092	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-187	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-188	ND		2.2	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-189	ND		2.2	0.095	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-190	ND		2.2	0.10	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-191	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-192	**2500**	**B**	2.2	0.096	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-193	**6.7**	**C180**	4.3	0.12	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-194	ND		2.2	0.035	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-195	ND		2.2	0.039	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-196	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 19:07	1

Client Sample ID: TRIP BLANK PW-01
Lab Sample ID: 140-34509-7

Date Collected: 10/12/23 11:21
Matrix: PE
Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**14**	**q**	2.2	0.082	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-198	ND	C	4.3	0.098	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-199	ND	C198	4.3	0.098	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-200	**1.9**	**J q**	2.2	0.089	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-201	ND		2.2	0.090	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-202	ND		2.2	0.086	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-203	ND		2.2	0.089	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-204	**1500**		2.2	0.078	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-205	**0.24**	**J q**	2.2	0.029	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-206	ND		2.2	0.26	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-207	**5.3**		2.2	0.22	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-208	ND		2.2	0.22	ng/g		12/15/23 10:45	01/04/24 19:07	1
PCB-209	**6.4**		2.2	0.033	ng/g		12/15/23 10:45	01/04/24 19:07	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*91*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-3L	*84*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-4L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-15L	*84*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-19L	*92*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-37L	*86*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-54L	*94*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-77L	*88*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-81L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-104L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-105L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-114L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-118L	*105*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-123L	*111*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-126L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-155L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-156L	*95*	*C*	*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-157L	*95*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-167L	*96*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-169L	*92*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-170L	*94*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-188L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-189L	*83*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-202L	*96*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-205L	*94*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-206L	*107*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-208L	*107*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*
PCB-209L	*111*		*30 - 140*	*12/15/23 10:45*	*01/04/24 19:07*	*1*

Client Sample ID: TRIP BLANK PW-02
Lab Sample ID: 140-34509-8

Date Collected: 10/12/23 10:44
Matrix: PE
Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	ND		2.2	0.043	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-2	**0.16**	**J q**	2.2	0.048	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-3	ND		2.2	0.058	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-4	ND		4.4	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-5	ND		2.2	0.18	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-6	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-7	ND		2.2	0.18	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-8	ND		4.4	0.14	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-9	ND		2.2	0.16	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-10	ND		2.2	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-11	**6.7**	**B**	4.4	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-12	ND	C	4.4	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-13	ND	C12	4.4	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-14	**2500**		2.2	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-15	ND		2.2	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-16	ND		2.2	0.098	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-17	ND		2.2	0.097	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-18	**0.23**	**J C**	4.4	0.065	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-19	ND		2.2	0.091	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-20	ND	C	4.4	0.51	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-21	ND	C	4.4	0.51	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-22	ND		2.2	0.47	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-23	ND		2.2	0.55	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-24	ND		2.2	0.067	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-25	ND		2.2	0.44	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-26	ND	C	4.4	0.57	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-27	ND		2.2	0.069	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-28	ND	C20	4.4	0.51	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-29	ND	C26	4.4	0.57	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-30	**0.23**	**J C18**	4.4	0.065	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-31	ND		4.4	0.46	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-32	ND		2.2	0.060	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-33	ND	C21	4.4	0.51	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-34	ND		2.2	0.57	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-35	ND		2.2	0.50	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-36	**540**		2.2	0.44	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-37	ND		2.2	0.50	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-38	ND		2.2	0.49	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-39	**2.0**	**J q**	2.2	0.49	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-40	ND	C	6.7	0.082	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-41	ND	C40	6.7	0.082	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-42	ND		2.2	0.091	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-43	**2.9**	**J C**	4.4	0.070	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-44	**45**	**C**	6.7	0.074	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-45	**2.4**	**J C**	4.4	0.088	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-46	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-47	**45**	**C44**	6.7	0.074	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-48	ND		2.2	0.083	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-49	ND	C	4.4	0.070	ng/g		12/15/23 10:45	01/04/24 20:08	1

Client Sample ID: TRIP BLANK PW-02
Lab Sample ID: 140-34509-8

Date Collected: 10/12/23 10:44
Matrix: PE
Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	ND	C	4.4	0.081	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-51	**2.4**	**J C45**	4.4	0.088	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-52	ND		2.2	0.073	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-53	ND	C50	4.4	0.081	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-54	**0.56**	**J q**	2.2	0.046	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-55	ND		2.2	0.049	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-56	ND		2.2	0.051	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-57	ND		2.2	0.056	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-58	ND		2.2	0.049	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-59	ND	C	6.7	0.062	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-60	ND		2.2	0.059	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-61	ND	C	8.9	0.054	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-62	ND	C59	6.7	0.062	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-63	ND		2.2	0.059	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-64	ND		2.2	0.060	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-65	**45**	**C44**	6.7	0.074	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-66	ND		2.2	0.051	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-67	ND		2.2	0.047	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-68	**6.5**		2.2	0.055	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-69	ND	C49	4.4	0.070	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-70	ND	C61	8.9	0.054	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-71	ND	C40	6.7	0.082	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-72	ND		2.2	0.054	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-73	**2.9**	**J C43**	4.4	0.070	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-74	ND	C61	8.9	0.054	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-75	ND	C59	6.7	0.062	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-76	ND	C61	8.9	0.054	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-77	ND		2.2	0.059	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-78	**1200**		2.2	0.051	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-79	ND		2.2	0.043	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-80	ND		2.2	0.049	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-81	**1.8**	**J q**	2.2	0.062	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-82	ND		2.2	0.18	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-83	ND	C	4.4	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-84	ND		2.2	0.22	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-85	ND	C	6.7	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-86	ND	C	13	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-87	ND	C86	13	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-88	ND	C	4.4	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-89	ND		2.2	0.18	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-90	ND	C	6.7	0.16	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-91	ND	C88	4.4	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-92	ND		2.2	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-93	ND	C	4.4	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-94	ND		2.2	0.22	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-95	ND		2.2	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-96	ND		2.2	0.13	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-97	ND	C86	13	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-98	ND	C	4.4	0.16	ng/g		12/15/23 10:45	01/04/24 20:08	1

Client Sample ID: TRIP BLANK PW-02
Lab Sample ID: 140-34509-8

Date Collected: 10/12/23 10:44
Matrix: PE

Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	ND	C83	4.4	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-100	ND	C93	4.4	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-101	ND	C90	6.7	0.16	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-102	ND	C98	4.4	0.16	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-103	ND		2.2	0.18	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-104	**2400**		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-105	ND		2.2	0.22	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-106	**21**		2.2	0.20	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-107	ND		2.2	0.20	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-108	ND	C	4.4	0.21	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-109	ND	C86	13	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-110	ND	C	4.4	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-111	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-112	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-113	ND	C90	6.7	0.16	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-114	ND		2.2	0.21	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-115	ND	C110	4.4	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-116	ND	C85	6.7	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-117	ND	C85	6.7	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-118	**0.26**	**J q**	2.2	0.23	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-119	ND	C86	13	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-120	ND		2.2	0.099	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-121	**600**		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-122	ND		2.2	0.25	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-123	ND		2.2	0.22	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-124	ND	C108	4.4	0.21	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-125	ND	C86	13	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-126	ND		2.2	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-127	ND		2.2	0.20	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-128	ND	C	4.4	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-129	ND	C	8.9	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-130	ND		2.2	0.26	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-131	ND		2.2	0.24	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-132	ND		2.2	0.23	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-133	ND		2.2	0.21	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-134	ND	C	4.4	0.24	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-135	ND	C	4.4	0.086	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-136	ND		2.2	0.066	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-137	ND		2.2	0.22	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-138	ND	C129	8.9	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-139	ND	C	4.4	0.20	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-140	ND	C139	4.4	0.20	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-141	ND		2.2	0.22	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-142	**520**		2.2	0.24	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-143	ND	C134	4.4	0.24	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-144	ND		2.2	0.087	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-145	ND		2.2	0.059	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-146	ND		2.2	0.18	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-147	ND	C	4.4	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1

Client Sample ID: TRIP BLANK PW-02
Lab Sample ID: 140-34509-8

Date Collected: 10/12/23 10:44
Matrix: PE
Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		2.2	0.087	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-149	ND	C147	4.4	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-150	ND		2.2	0.064	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-151	ND	C135	4.4	0.086	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-152	**1.6**	**J**	2.2	0.057	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-153	ND	C	4.4	0.16	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-154	**1.3**	**J q**	2.2	0.078	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-155	**690**		2.2	0.069	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-156	ND	C	4.4	0.18	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-157	ND	C156	4.4	0.18	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-158	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-159	**2.1**	**J q**	2.2	0.13	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-160	ND	C129	8.9	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-161	**19**		2.2	0.14	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-162	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-163	ND	C129	8.9	0.19	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-164	ND		2.2	0.15	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-165	**3.5**		2.2	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-166	ND	C128	4.4	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-167	ND		2.2	0.13	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-168	ND	C153	4.4	0.16	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-169	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-170	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-171	ND	C	4.4	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-172	ND		2.2	0.10	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-173	ND	C171	4.4	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-174	ND		2.2	0.098	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-175	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-176	ND		2.2	0.081	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-177	ND		2.2	0.10	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-178	ND		2.2	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-179	ND		2.2	0.070	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-180	ND	C	4.4	0.083	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-181	ND		2.2	0.092	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-182	ND		2.2	0.088	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-183	ND	C	4.4	0.10	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-184	**1000**		2.2	0.075	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-185	ND	C183	4.4	0.10	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-186	ND		2.2	0.066	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-187	ND		2.2	0.084	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-188	ND		2.2	0.074	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-189	ND		2.2	0.098	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-190	ND		2.2	0.075	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-191	ND		2.2	0.077	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-192	**2700**	**B**	2.2	0.069	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-193	ND	C180	4.4	0.083	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-194	ND		2.2	0.077	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-195	ND		2.2	0.086	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-196	ND		2.2	0.12	ng/g		12/15/23 10:45	01/04/24 20:08	1

Client Sample ID: TRIP BLANK PW-02
Lab Sample ID: 140-34509-8

Date Collected: 10/12/23 10:44
Matrix: PE
Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**15**		2.2	0.090	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-198	ND	C	4.4	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-199	ND	C198	4.4	0.11	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-200	**1.8**	**J**	2.2	0.098	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-201	ND		2.2	0.099	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-202	ND		2.2	0.094	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-203	ND		2.2	0.098	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-204	**1600**		2.2	0.085	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-205	**0.32**	**J q**	2.2	0.063	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-206	ND		2.2	0.20	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-207	**6.4**		2.2	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-208	ND		2.2	0.17	ng/g		12/15/23 10:45	01/04/24 20:08	1
PCB-209	**7.0**		2.2	0.031	ng/g		12/15/23 10:45	01/04/24 20:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*92*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-3L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-4L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-15L	*85*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-19L	*94*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-37L	*88*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-54L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-77L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-81L	*88*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-104L	*105*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-105L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-114L	*101*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-118L	*104*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-123L	*106*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-126L	*104*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-155L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-156L	*99*	*C*	*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-157L	*99*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-167L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-169L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-170L	*99*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-188L	*103*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-189L	*93*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-202L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-205L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-206L	*108*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-208L	*106*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*
PCB-209L	*112*		*30 - 140*	*12/15/23 10:45*	*01/04/24 20:08*	*1*

Client Sample ID: TRIP BLANK PW-03
Lab Sample ID: 140-34509-9

Date Collected: 10/12/23 11:54
Matrix: PE

Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	ND		1.9	0.028	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-2	**0.22**	**J**	1.9	0.032	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-3	ND		1.9	0.040	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-4	ND		3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-5	ND		1.9	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-6	ND		1.9	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-7	ND		1.9	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-8	ND		3.8	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-9	ND		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-10	ND		1.9	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-11	**5.0**	**q B**	3.8	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-12	ND	C	3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-13	ND	C12	3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-14	**2400**		1.9	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-15	ND		1.9	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-16	**0.095**	**J q**	1.9	0.068	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-17	**0.16**	**J q**	1.9	0.068	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-18	ND	C	3.8	0.045	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-19	ND		1.9	0.064	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-20	ND	C	3.8	0.42	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-21	ND	C	3.8	0.42	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-22	ND		1.9	0.39	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-23	ND		1.9	0.45	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-24	ND		1.9	0.046	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-25	ND		1.9	0.36	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-26	ND	C	3.8	0.47	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-27	ND		1.9	0.048	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-28	ND	C20	3.8	0.42	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-29	ND	C26	3.8	0.47	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-30	ND	C18	3.8	0.045	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-31	ND		3.8	0.38	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-32	**0.17**	**J B**	1.9	0.042	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-33	ND	C21	3.8	0.42	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-34	ND		1.9	0.46	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-35	ND		1.9	0.41	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-36	**510**		1.9	0.36	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-37	ND		1.9	0.41	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-38	ND		1.9	0.40	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-39	ND		1.9	0.40	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-40	ND	C	5.8	0.061	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-41	ND	C40	5.8	0.061	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-42	ND		1.9	0.068	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-43	**2.6**	**J C**	3.8	0.052	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-44	**38**	**C**	5.8	0.056	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-45	**2.2**	**J C**	3.8	0.066	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-46	ND		1.9	0.079	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-47	**38**	**C44**	5.8	0.056	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-48	ND		1.9	0.062	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-49	ND	C	3.8	0.052	ng/g		12/15/23 10:45	01/04/24 21:09	1

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Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-50	ND	C	3.8	0.061	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-51	**2.2**	**J C45**	3.8	0.066	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-52	ND		1.9	0.055	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-53	ND	C50	3.8	0.061	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-54	**0.34**	**J q**	1.9	0.039	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-55	ND		1.9	0.037	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-56	ND		1.9	0.038	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-57	ND		1.9	0.042	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-58	ND		1.9	0.036	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-59	ND	C	5.8	0.046	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-60	ND		1.9	0.044	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-61	ND	C	7.7	0.040	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-62	ND	C59	5.8	0.046	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-63	ND		1.9	0.044	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-64	ND		1.9	0.045	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-65	**38**	**C44**	5.8	0.056	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-66	ND		1.9	0.038	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-67	ND		1.9	0.035	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-68	**5.4**		1.9	0.041	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-69	ND	C49	3.8	0.052	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-70	ND	C61	7.7	0.040	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-71	ND	C40	5.8	0.061	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-72	ND		1.9	0.040	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-73	**2.6**	**J C43**	3.8	0.052	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-74	ND	C61	7.7	0.040	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-75	ND	C59	5.8	0.046	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-76	ND	C61	7.7	0.040	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-77	ND		1.9	0.044	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-78	**980**		1.9	0.038	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-79	ND		1.9	0.032	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-80	ND		1.9	0.036	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-81	**2.0**		1.9	0.046	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-82	ND		1.9	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-83	ND	C	3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-84	ND		1.9	0.19	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-85	ND	C	5.8	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-86	ND	C	12	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-87	ND	C86	12	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-88	ND	C	3.8	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-89	ND		1.9	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-90	ND	C	5.8	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-91	ND	C88	3.8	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-92	ND		1.9	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-93	ND	C	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-94	ND		1.9	0.19	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-95	ND		1.9	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-96	ND		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-97	ND	C86	12	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-98	ND	C	3.8	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1

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Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-99	ND	C83	3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-100	ND	C93	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-101	ND	C90	5.8	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-102	ND	C98	3.8	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-103	ND		1.9	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-104	**2000**		1.9	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-105	ND		1.9	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-106	**16**		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-107	ND		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-108	ND	C	3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-109	ND	C86	12	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-110	ND	C	3.8	0.096	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-111	ND		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-112	ND		1.9	0.092	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-113	ND	C90	5.8	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-114	ND		1.9	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-115	ND	C110	3.8	0.096	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-116	ND	C85	5.8	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-117	ND	C85	5.8	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-118	ND		1.9	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-119	ND	C86	12	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-120	ND		1.9	0.086	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-121	**510**		1.9	0.10	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-122	ND		1.9	0.18	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-123	ND		1.9	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-124	ND	C108	3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-125	ND	C86	12	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-126	ND		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-127	ND		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-128	ND	C	3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-129	ND	C	7.7	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-130	ND		1.9	0.23	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-131	ND		1.9	0.21	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-132	ND		1.9	0.20	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-133	ND		1.9	0.19	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-134	ND	C	3.8	0.21	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-135	ND	C	3.8	0.051	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-136	ND		1.9	0.039	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-137	ND		1.9	0.19	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-138	ND	C129	7.7	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-139	ND	C	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-140	ND	C139	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-141	ND		1.9	0.19	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-142	**430**		1.9	0.21	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-143	ND	C134	3.8	0.21	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-144	ND		1.9	0.051	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-145	ND		1.9	0.035	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-146	ND		1.9	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-147	ND	C	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1

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Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-148	ND		1.9	0.051	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-149	ND	C147	3.8	0.17	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-150	ND		1.9	0.038	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-151	ND	C135	3.8	0.051	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-152	**1.3**	**J q**	1.9	0.034	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-153	ND	C	3.8	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-154	**1.1**	**J q**	1.9	0.046	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-155	**590**		1.9	0.041	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-156	ND	C	3.8	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-157	ND	C156	3.8	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-158	ND		1.9	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-159	**2.7**		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-160	ND	C129	7.7	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-161	**17**		1.9	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-162	ND		1.9	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-163	ND	C129	7.7	0.16	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-164	ND		1.9	0.13	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-165	**3.3**		1.9	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-166	ND	C128	3.8	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-167	ND		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-168	ND	C153	3.8	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-169	ND		1.9	0.11	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-170	ND		1.9	0.071	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-171	ND	C	3.8	0.066	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-172	ND		1.9	0.064	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-173	ND	C171	3.8	0.066	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-174	ND		1.9	0.059	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-175	ND		1.9	0.065	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-176	ND		1.9	0.049	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-177	ND		1.9	0.062	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-178	ND		1.9	0.067	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-179	ND		1.9	0.042	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-180	ND	C	3.8	0.051	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-181	ND		1.9	0.056	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-182	ND		1.9	0.054	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-183	ND	C	3.8	0.061	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-184	**840**		1.9	0.046	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-185	ND	C183	3.8	0.061	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-186	ND		1.9	0.040	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-187	ND		1.9	0.051	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-188	ND		1.9	0.045	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-189	ND		1.9	0.078	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-190	ND		1.9	0.046	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-191	ND		1.9	0.047	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-192	**2400**	**B**	1.9	0.042	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-193	ND	C180	3.8	0.051	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-194	ND		1.9	0.062	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-195	ND		1.9	0.069	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-196	ND		1.9	0.052	ng/g		12/15/23 10:45	01/04/24 21:09	1

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Date Received: 10/13/23 06:45

Method: EPA 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Analyte	Result	Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-197	**14**		1.9	0.039	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-198	ND	C	3.8	0.047	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-199	ND	C198	3.8	0.047	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-200	**2.5**		1.9	0.043	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-201	ND		1.9	0.043	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-202	ND		1.9	0.041	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-203	ND		1.9	0.043	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-204	**1400**		1.9	0.037	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-205	**0.23**	**J q**	1.9	0.051	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-206	ND		1.9	0.18	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-207	**5.8**		1.9	0.15	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-208	ND		1.9	0.14	ng/g		12/15/23 10:45	01/04/24 21:09	1
PCB-209	**6.4**		1.9	0.024	ng/g		12/15/23 10:45	01/04/24 21:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-3L	*76*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-4L	*86*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-15L	*76*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-19L	*82*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-37L	*72*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-54L	*86*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-77L	*78*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-81L	*78*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-104L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-105L	*94*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-114L	*97*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-118L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-123L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-126L	*98*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-155L	*93*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-156L	*92*	*C*	*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-157L	*92*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-167L	*93*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-169L	*89*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-170L	*87*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-188L	*94*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-189L	*82*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-202L	*92*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-205L	*88*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-206L	*95*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-208L	*96*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*
PCB-209L	*100*		*30 - 140*	*12/15/23 10:45*	*01/04/24 21:09*	*1*

Default Detection Limits

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Prep: Passive Sampler

Analyte	RL		Units
PCB-1	0.10		ng/g
PCB-10	0.10		ng/g
PCB-100	0.20		ng/g
PCB-101	0.30		ng/g
PCB-102	0.20		ng/g
PCB-103	0.10		ng/g
PCB-104	0.10		ng/g
PCB-105	0.10		ng/g
PCB-106	0.10		ng/g
PCB-107	0.10		ng/g
PCB-108	0.20		ng/g
PCB-109	0.60		ng/g
PCB-11	0.20		ng/g
PCB-110	0.20		ng/g
PCB-111	0.10		ng/g
PCB-112	0.10		ng/g
PCB-113	0.30		ng/g
PCB-114	0.10		ng/g
PCB-115	0.20		ng/g
PCB-116	0.30		ng/g
PCB-117	0.30		ng/g
PCB-118	0.10		ng/g
PCB-119	0.60		ng/g
PCB-12	0.20		ng/g
PCB-120	0.10		ng/g
PCB-121	0.10		ng/g
PCB-122	0.10		ng/g
PCB-123	0.10		ng/g
PCB-124	0.20		ng/g
PCB-125	0.60		ng/g
PCB-126	0.10		ng/g
PCB-127	0.10		ng/g
PCB-128	0.20		ng/g
PCB-129	0.40		ng/g
PCB-13	0.20		ng/g
PCB-130	0.10		ng/g
PCB-131	0.10		ng/g
PCB-132	0.10		ng/g
PCB-133	0.10		ng/g
PCB-134	0.20		ng/g
PCB-135	0.20		ng/g
PCB-136	0.10		ng/g
PCB-137	0.10		ng/g
PCB-138	0.40		ng/g
PCB-139	0.20		ng/g
PCB-14	0.10		ng/g
PCB-140	0.20		ng/g
PCB-141	0.10		ng/g
PCB-142	0.10		ng/g
PCB-143	0.20		ng/g
PCB-144	0.10		ng/g
PCB-145	0.10		ng/g

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Prep: Passive Sampler

Analyte	RL		Units
PCB-146	0.10		ng/g
PCB-147	0.20		ng/g
PCB-148	0.10		ng/g
PCB-149	0.20		ng/g
PCB-15	0.10		ng/g
PCB-150	0.10		ng/g
PCB-151	0.20		ng/g
PCB-152	0.10		ng/g
PCB-153	0.20		ng/g
PCB-154	0.10		ng/g
PCB-155	0.10		ng/g
PCB-156	0.20		ng/g
PCB-157	0.20		ng/g
PCB-158	0.10		ng/g
PCB-159	0.10		ng/g
PCB-16	0.10		ng/g
PCB-160	0.40		ng/g
PCB-161	0.10		ng/g
PCB-162	0.10		ng/g
PCB-163	0.40		ng/g
PCB-164	0.10		ng/g
PCB-165	0.10		ng/g
PCB-166	0.20		ng/g
PCB-167	0.10		ng/g
PCB-168	0.20		ng/g
PCB-169	0.10		ng/g
PCB-17	0.10		ng/g
PCB-170	0.10		ng/g
PCB-171	0.20		ng/g
PCB-172	0.10		ng/g
PCB-173	0.20		ng/g
PCB-174	0.10		ng/g
PCB-175	0.10		ng/g
PCB-176	0.10		ng/g
PCB-177	0.10		ng/g
PCB-178	0.10		ng/g
PCB-179	0.10		ng/g
PCB-18	0.20		ng/g
PCB-180	0.20		ng/g
PCB-181	0.10		ng/g
PCB-182	0.10		ng/g
PCB-183	0.20		ng/g
PCB-184	0.10		ng/g
PCB-185	0.20		ng/g
PCB-186	0.10		ng/g
PCB-187	0.10		ng/g
PCB-188	0.10		ng/g
PCB-189	0.10		ng/g
PCB-19	0.10		ng/g
PCB-190	0.10		ng/g
PCB-191	0.10		ng/g
PCB-192	0.10		ng/g

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Prep: Passive Sampler

Analyte	RL		Units
PCB-193	0.20		ng/g
PCB-194	0.10		ng/g
PCB-195	0.10		ng/g
PCB-196	0.10		ng/g
PCB-197	0.10		ng/g
PCB-198	0.20		ng/g
PCB-199	0.20		ng/g
PCB-2	0.10		ng/g
PCB-20	0.20		ng/g
PCB-200	0.10		ng/g
PCB-201	0.10		ng/g
PCB-202	0.10		ng/g
PCB-203	0.10		ng/g
PCB-204	0.10		ng/g
PCB-205	0.10		ng/g
PCB-206	0.10		ng/g
PCB-207	0.10		ng/g
PCB-208	0.10		ng/g
PCB-209	0.10		ng/g
PCB-21	0.20		ng/g
PCB-22	0.10		ng/g
PCB-23	0.10		ng/g
PCB-24	0.10		ng/g
PCB-25	0.10		ng/g
PCB-26	0.20		ng/g
PCB-27	0.10		ng/g
PCB-28	0.20		ng/g
PCB-29	0.20		ng/g
PCB-3	0.10		ng/g
PCB-30	0.20		ng/g
PCB-31	0.20		ng/g
PCB-32	0.10		ng/g
PCB-33	0.20		ng/g
PCB-34	0.10		ng/g
PCB-35	0.10		ng/g
PCB-36	0.10		ng/g
PCB-37	0.10		ng/g
PCB-38	0.10		ng/g
PCB-39	0.10		ng/g
PCB-4	0.20		ng/g
PCB-40	0.30		ng/g
PCB-41	0.30		ng/g
PCB-42	0.10		ng/g
PCB-43	0.20		ng/g
PCB-44	0.30		ng/g
PCB-45	0.20		ng/g
PCB-46	0.10		ng/g
PCB-47	0.30		ng/g
PCB-48	0.10		ng/g
PCB-49	0.20		ng/g
PCB-5	0.10		ng/g
PCB-50	0.20		ng/g

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Prep: Passive Sampler

Analyte	RL		Units
PCB-51	0.20		ng/g
PCB-52	0.10		ng/g
PCB-53	0.20		ng/g
PCB-54	0.10		ng/g
PCB-55	0.10		ng/g
PCB-56	0.10		ng/g
PCB-57	0.10		ng/g
PCB-58	0.10		ng/g
PCB-59	0.30		ng/g
PCB-6	0.10		ng/g
PCB-60	0.10		ng/g
PCB-61	0.40		ng/g
PCB-62	0.30		ng/g
PCB-63	0.10		ng/g
PCB-64	0.10		ng/g
PCB-65	0.30		ng/g
PCB-66	0.10		ng/g
PCB-67	0.10		ng/g
PCB-68	0.10		ng/g
PCB-69	0.20		ng/g
PCB-7	0.10		ng/g
PCB-70	0.40		ng/g
PCB-71	0.30		ng/g
PCB-72	0.10		ng/g
PCB-73	0.20		ng/g
PCB-74	0.40		ng/g
PCB-75	0.30		ng/g
PCB-76	0.40		ng/g
PCB-77	0.10		ng/g
PCB-78	0.10		ng/g
PCB-79	0.10		ng/g
PCB-8	0.20		ng/g
PCB-80	0.10		ng/g
PCB-81	0.10		ng/g
PCB-82	0.10		ng/g
PCB-83	0.20		ng/g
PCB-84	0.10		ng/g
PCB-85	0.30		ng/g
PCB-86	0.60		ng/g
PCB-87	0.60		ng/g
PCB-88	0.20		ng/g
PCB-89	0.10		ng/g
PCB-9	0.10		ng/g
PCB-90	0.30		ng/g
PCB-91	0.20		ng/g
PCB-92	0.10		ng/g
PCB-93	0.20		ng/g
PCB-94	0.10		ng/g
PCB-95	0.10		ng/g
PCB-96	0.10		ng/g
PCB-97	0.60		ng/g
PCB-98	0.20		ng/g

Default Detection Limits

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Prep: Passive Sampler

Analyte	RL		Units
PCB-99	0.20		ng/g

Isotope Dilution Summary

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Matrix: PE **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PCB1L	PCB3L	PCB4L	PCB15L	PCB19L	PCB37L	PCB54L	PCB77L
Lab Sample ID	Client Sample ID	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)
140-34509-1	PW-01	94	86	94	85	93	87	92	88
140-34509-2	PW-01-DUP	94	79	95	86	96	87	96	86
140-34509-3	PW-02	103	89	97	93	98	93	102	98
140-34509-4	PW-02-DUP	99	85	91	91	90	89	101	81
140-34509-5	PW-03	91	85	91	82	95	87	95	88
140-34509-6	PW-03-DUP	90	83	95	85	92	88	98	87
140-34509-7	TRIP BLANK PW-01	91	84	95	84	92	86	94	88
140-34509-8	TRIP BLANK PW-02	92	87	97	85	94	88	99	87
140-34509-9	TRIP BLANK PW-03	87	76	86	76	82	72	86	78

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PCB81L	PCB104L	PCB105L	PCB114L	PCB118L	PCB123L	PCB126L	PCB155L
Lab Sample ID	Client Sample ID	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)
140-34509-1	PW-01	89	100	96	97	101	101	99	100
140-34509-2	PW-01-DUP	89	112	99	101	101	103	100	104
140-34509-3	PW-02	99	103	102	103	105	105	101	106
140-34509-4	PW-02-DUP	83	117	102	103	106	106	95	106
140-34509-5	PW-03	89	103	100	100	98	97	102	101
140-34509-6	PW-03-DUP	87	98	98	99	101	99	103	97
140-34509-7	TRIP BLANK PW-01	87	103	98	100	105	111	99	97
140-34509-8	TRIP BLANK PW-02	88	105	100	101	104	106	104	103
140-34509-9	TRIP BLANK PW-03	78	95	94	97	98	100	98	93

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PCB156L	PCB157L	PCB167L	PCB169L	PCB170L	PCB188L	PCB189L	PCB202L
Lab Sample ID	Client Sample ID	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)
140-34509-1	PW-01	89 C	89 C156	88	87	98	108	95	103
140-34509-2	PW-01-DUP	59 C	59 C156	98	92	97	109	102	102
140-34509-3	PW-02	96 C	96 C156	97	91	101	120	100	111
140-34509-4	PW-02-DUP	95 C	95 C156	97	91	101	105	96	101
140-34509-5	PW-03	95 C	95 C156	97	93	93	101	82	98
140-34509-6	PW-03-DUP	96 C	96 C156	98	95	94	102	85	98
140-34509-7	TRIP BLANK PW-01	95 C	95 C156	96	92	94	103	83	96
140-34509-8	TRIP BLANK PW-02	99 C	99 C156	99	98	99	103	93	97
140-34509-9	TRIP BLANK PW-03	92 C	92 C156	93	89	87	94	82	92

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PCB205L	PCB206L	PCB208L	PCB209L				
Lab Sample ID	Client Sample ID	(30-140)	(30-140)	(30-140)	(30-140)				
140-34509-1	PW-01	96	96	103	95				
140-34509-2	PW-01-DUP	101	114	107	116				
140-34509-3	PW-02	99	104	106	109				
140-34509-4	PW-02-DUP	95	100	99	102				
140-34509-5	PW-03	93	100	98	101				
140-34509-6	PW-03-DUP	97	108	105	112				
140-34509-7	TRIP BLANK PW-01	94	107	107	111				
140-34509-8	TRIP BLANK PW-02	98	108	106	112				
140-34509-9	TRIP BLANK PW-03	88	95	96	100				

Surrogate Legend

PCB1L = PCB-1L
PCB3L = PCB-3L

PCB4L = PCB-4L
PCB15L = PCB-15L
PCB19L = PCB-19L
PCB37L = PCB-37L
PCB54L = PCB-54L
PCB77L = PCB-77L
PCB81L = PCB-81L
PCB104L = PCB-104L
PCB105L = PCB-105L
PCB114L = PCB-114L
PCB118L = PCB-118L
PCB123L = PCB-123L
PCB126L = PCB-126L
PCB155L = PCB-155L
PCB156L = PCB-156L
PCB157L = PCB-157L
PCB167L = PCB-167L
PCB169L = PCB-169L
PCB170L = PCB-170L
PCB188L = PCB-188L
PCB189L = PCB-189L
PCB202L = PCB-202L
PCB205L = PCB-205L
PCB206L = PCB-206L
PCB208L = PCB-208L
PCB209L = PCB-209L

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Matrix: Sediment **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PCB1L	PCB3L	PCB4L	PCB15L	PCB19L	PCB37L	PCB54L	PCB77L
Lab Sample ID	Client Sample ID	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)
LCS 140-81427/18-B	Lab Control Sample	91	86	93	83	89	88	92	90
MB 140-81427/19-B	Method Blank	101	94	100	95	90	87	96	86

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PCB81L	PCB104L	PCB105L	PCB114L	PCB118L	PCB123L	PCB126L	PCB155L
Lab Sample ID	Client Sample ID	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)
LCS 140-81427/18-B	Lab Control Sample	86	96	97	96	98	97	99	96
MB 140-81427/19-B	Method Blank	79	108	101	103	106	104	108	103

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PCB156L	PCB157L	PCB167L	PCB169L	PCB170L	PCB188L	PCB189L	PCB202L
Lab Sample ID	Client Sample ID	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)	(30-140)
LCS 140-81427/18-B	Lab Control Sample	95 C	95 C156	96	92	93	94	95	93
MB 140-81427/19-B	Method Blank	98 C	98 C156	101	97	97	104	97	98

		Percent Isotope Dilution Recovery (Acceptance Limits)							
		PCB205L	PCB206L	PCB208L	PCB209L				
Lab Sample ID	Client Sample ID	(30-140)	(30-140)	(30-140)	(30-140)				
LCS 140-81427/18-B	Lab Control Sample	94	96	106	99				
MB 140-81427/19-B	Method Blank	100	105	106	108				

Surrogate Legend

PCB1L = PCB-1L
PCB3L = PCB-3L
PCB4L = PCB-4L
PCB15L = PCB-15L

Isotope Dilution Summary

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

PCB19L = PCB-19L
PCB37L = PCB-37L
PCB54L = PCB-54L
PCB77L = PCB-77L
PCB81L = PCB-81L
PCB104L = PCB-104L
PCB105L = PCB-105L
PCB114L = PCB-114L
PCB118L = PCB-118L
PCB123L = PCB-123L
PCB126L = PCB-126L
PCB155L = PCB-155L
PCB156L = PCB-156L
PCB157L = PCB-157L
PCB167L = PCB-167L
PCB169L = PCB-169L
PCB170L = PCB-170L
PCB188L = PCB-188L
PCB189L = PCB-189L
PCB202L = PCB-202L
PCB205L = PCB-205L
PCB206L = PCB-206L
PCB208L = PCB-208L
PCB209L = PCB-209L

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS)

Lab Sample ID: MB 140-81427/19-B
Matrix: Sediment
Analysis Batch: 81990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81427

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1	ND		1.8	0.030	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-2	ND		1.8	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-3	ND		1.8	0.040	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-4	ND		3.6	0.072	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-5	ND		1.8	0.072	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-6	ND		1.8	0.059	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-7	ND		1.8	0.071	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-8	ND		3.6	0.058	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-9	ND		1.8	0.065	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-10	ND		1.8	0.076	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-11	0.230	J	3.6	0.061	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-12	ND	C	3.6	0.068	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-13	ND	C12	3.6	0.068	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-14	ND		1.8	0.069	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-15	ND		1.8	0.074	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-16	ND		1.8	0.066	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-17	ND		1.8	0.065	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-18	ND	C	3.6	0.044	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-19	ND		1.8	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-20	ND	C	3.6	0.069	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-21	0.0687	J q C	3.6	0.068	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-22	ND		1.8	0.063	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-23	ND		1.8	0.074	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-24	ND		1.8	0.045	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-25	ND		1.8	0.059	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-26	ND	C	3.6	0.076	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-27	ND		1.8	0.046	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-28	ND	C20	3.6	0.069	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-29	ND	C26	3.6	0.076	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-30	ND	C18	3.6	0.044	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-31	0.108	J	3.6	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-32	0.0618	J q	1.8	0.040	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-33	0.0687	J q C21	3.6	0.068	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-34	ND		1.8	0.075	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-35	ND		1.8	0.067	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-36	ND		1.8	0.059	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-37	ND		1.8	0.066	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-38	ND		1.8	0.065	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-39	ND		1.8	0.065	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-40	ND	C	5.5	0.073	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-41	ND	C40	5.5	0.073	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-42	ND		1.8	0.081	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-43	ND	C	3.6	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-44	ND	C	5.5	0.066	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-45	ND	C	3.6	0.079	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-46	ND		1.8	0.094	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-47	ND	C44	5.5	0.066	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-48	ND		1.8	0.074	ng/g		12/15/23 10:45	01/03/24 18:30	1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 140-81427/19-B
Matrix: Sediment
Analysis Batch: 81990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81427

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-49	ND	C	3.6	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-50	ND	C	3.6	0.073	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-51	ND	C45	3.6	0.079	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-52	0.103	J q	1.8	0.066	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-53	ND	C50	3.6	0.073	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-54	ND		1.8	0.026	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-55	ND		1.8	0.044	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-56	ND		1.8	0.046	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-57	ND		1.8	0.050	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-58	ND		1.8	0.043	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-59	ND	C	5.5	0.055	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-60	ND		1.8	0.053	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-61	0.218	J C	7.3	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-62	ND	C59	5.5	0.055	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-63	ND		1.8	0.052	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-64	ND		1.8	0.054	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-65	ND	C44	5.5	0.066	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-66	0.0753	J q	1.8	0.045	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-67	ND		1.8	0.042	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-68	ND		1.8	0.049	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-69	ND	C49	3.6	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-70	0.218	J C61	7.3	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-71	ND	C40	5.5	0.073	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-72	ND		1.8	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-73	ND	C43	3.6	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-74	0.218	J C61	7.3	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-75	ND	C59	5.5	0.055	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-76	0.218	J C61	7.3	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-77	ND		1.8	0.049	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-78	ND		1.8	0.046	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-79	ND		1.8	0.039	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-80	ND		1.8	0.044	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-81	ND		1.8	0.059	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-82	ND		1.8	0.058	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-83	ND	C	3.6	0.056	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-84	ND		1.8	0.072	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-85	0.0744	J q C	5.5	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-86	ND	C	11	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-87	ND	C86	11	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-88	ND	C	3.6	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-89	ND		1.8	0.058	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-90	0.0542	J q C	5.5	0.052	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-91	ND	C88	3.6	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-92	ND		1.8	0.063	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-93	ND	C	3.6	0.063	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-94	ND		1.8	0.071	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-95	ND		1.8	0.062	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-96	ND		1.8	0.043	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-97	ND	C86	11	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 140-81427/19-B
Matrix: Sediment
Analysis Batch: 81990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81427

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-98	ND	C	3.6	0.054	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-99	ND	C83	3.6	0.056	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-100	ND	C93	3.6	0.063	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-101	0.0542	J q C90	5.5	0.052	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-102	ND	C98	3.6	0.054	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-103	ND		1.8	0.059	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-104	ND		1.8	0.049	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-105	ND		1.8	0.087	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-106	ND		1.8	0.078	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-107	ND		1.8	0.076	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-108	ND	C	3.6	0.083	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-109	ND	C86	11	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-110	0.0753	J q C	3.6	0.036	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-111	ND		1.8	0.040	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-112	ND		1.8	0.035	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-113	0.0542	J q C90	5.5	0.052	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-114	ND		1.8	0.081	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-115	0.0753	J q C110	3.6	0.036	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-116	0.0744	J q C85	5.5	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-117	0.0744	J q C85	5.5	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-118	ND		1.8	0.085	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-119	ND	C86	11	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-120	ND		1.8	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-121	ND		1.8	0.038	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-122	ND		1.8	0.098	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-123	ND		1.8	0.088	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-124	ND	C108	3.6	0.083	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-125	ND	C86	11	0.048	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-126	ND		1.8	0.077	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-127	ND		1.8	0.077	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-128	ND	C	3.6	0.040	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-129	ND	C	7.3	0.043	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-130	ND		1.8	0.060	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-131	ND		1.8	0.055	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-132	ND		1.8	0.054	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-133	ND		1.8	0.049	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-134	ND	C	3.6	0.056	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-135	ND	C	3.6	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-136	ND		1.8	0.025	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-137	ND		1.8	0.050	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-138	ND	C129	7.3	0.043	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-139	ND	C	3.6	0.045	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-140	ND	C139	3.6	0.045	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-141	ND		1.8	0.050	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-142	ND		1.8	0.056	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-143	ND	C134	3.6	0.056	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-144	ND		1.8	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-145	ND		1.8	0.023	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-146	ND		1.8	0.041	ng/g		12/15/23 10:45	01/03/24 18:30	1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 140-81427/19-B
Matrix: Sediment
Analysis Batch: 81990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81427

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-147	ND	C	3.6	0.044	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-148	ND		1.8	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-149	ND	C147	3.6	0.044	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-150	ND		1.8	0.024	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-151	ND	C135	3.6	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-152	ND		1.8	0.022	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-153	ND	C	3.6	0.036	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-154	ND		1.8	0.030	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-155	ND		1.8	0.026	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-156	ND	C	3.6	0.043	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-157	ND	C156	3.6	0.043	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-158	ND		1.8	0.034	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-159	ND		1.8	0.029	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-160	ND	C129	7.3	0.043	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-161	ND		1.8	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-162	ND		1.8	0.035	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-163	ND	C129	7.3	0.043	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-164	ND		1.8	0.034	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-165	ND		1.8	0.040	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-166	ND	C128	3.6	0.040	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-167	ND		1.8	0.028	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-168	ND	C153	3.6	0.036	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-169	ND		1.8	0.028	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-170	ND		1.8	0.025	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-171	ND	C	3.6	0.023	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-172	ND		1.8	0.022	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-173	ND	C171	3.6	0.023	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-174	ND		1.8	0.021	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-175	ND		1.8	0.023	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-176	ND		1.8	0.017	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-177	ND		1.8	0.021	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-178	ND		1.8	0.023	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-179	ND		1.8	0.015	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-180	ND	C	3.6	0.018	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-181	ND		1.8	0.019	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-182	ND		1.8	0.019	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-183	0.0751	J q C	3.6	0.021	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-184	ND		1.8	0.016	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-185	0.0751	J q C183	3.6	0.021	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-186	ND		1.8	0.014	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-187	ND		1.8	0.018	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-188	ND		1.8	0.016	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-189	ND		1.8	0.035	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-190	ND		1.8	0.016	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-191	ND		1.8	0.016	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-192	0.0358	J q	1.8	0.015	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-193	ND	C180	3.6	0.018	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-194	ND		1.8	0.032	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-195	ND		1.8	0.035	ng/g		12/15/23 10:45	01/03/24 18:30	1

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: MB 140-81427/19-B
Matrix: Sediment
Analysis Batch: 81990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81427

Analyte	MB Result	MB Qualifier	RL	EDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-196	ND		1.8	0.040	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-197	ND		1.8	0.030	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-198	ND	C	3.6	0.036	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-199	ND	C198	3.6	0.036	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-200	ND		1.8	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-201	ND		1.8	0.033	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-202	ND		1.8	0.031	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-203	ND		1.8	0.032	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-204	ND		1.8	0.028	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-205	ND		1.8	0.026	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-206	ND		1.8	0.36	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-207	ND		1.8	0.30	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-208	ND		1.8	0.30	ng/g		12/15/23 10:45	01/03/24 18:30	1
PCB-209	ND		1.8	0.045	ng/g		12/15/23 10:45	01/03/24 18:30	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
PCB-1L	*101*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-3L	*94*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-4L	*100*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-15L	*95*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-19L	*90*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-37L	*87*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-54L	*96*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-77L	*86*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-81L	*79*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-104L	*108*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-105L	*101*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-114L	*103*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-118L	*106*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-123L	*104*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-126L	*108*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-155L	*103*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-156L	*98*	*C*	*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-157L	*98*	*C156*	*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-167L	*101*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-169L	*97*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-170L	*97*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-188L	*104*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-189L	*97*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-202L	*98*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-205L	*100*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-206L	*105*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-208L	*106*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*
PCB-209L	*108*		*30 - 140*	*12/15/23 10:45*	*01/03/24 18:30*	*1*

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 140-81427/18-B
Matrix: Sediment
Analysis Batch: 81990

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81427

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1			92.6	90.0		ng/g		97	50 - 150		
PCB-3			92.6	89.8		ng/g		97	50 - 150		
PCB-4			92.6	87.0		ng/g		94	50 - 150		
PCB-15			92.6	96.4		ng/g		104	50 - 150		
PCB-19			92.6	98.1		ng/g		106	50 - 150		
PCB-37			92.6	89.9		ng/g		97	50 - 150		
PCB-54			92.6	92.6		ng/g		100	50 - 150		
PCB-77			92.6	94.0		ng/g		102	50 - 150		
PCB-81			92.6	95.2		ng/g		103	50 - 150		
PCB-104			92.6	97.3		ng/g		105	50 - 150		
PCB-105			92.6	90.8		ng/g		98	50 - 150		
PCB-114			92.6	90.2		ng/g		97	50 - 150		
PCB-118			92.6	97.4		ng/g		105	50 - 150		
PCB-123			92.6	91.8		ng/g		99	50 - 150		
PCB-126			92.6	91.3		ng/g		99	50 - 150		
PCB-155			92.6	93.7		ng/g		101	50 - 150		
PCB-156			185	183	C	ng/g		99	50 - 150		
PCB-157			185	183	C156	ng/g		99	50 - 150		
PCB-167			92.6	91.8		ng/g		99	50 - 150		
PCB-169			92.6	93.2		ng/g		101	50 - 150		
PCB-188			92.6	95.9		ng/g		104	50 - 150		
PCB-189			92.6	93.8		ng/g		101	50 - 150		
PCB-202			92.6	95.7		ng/g		103	50 - 150		
PCB-205			92.6	93.8		ng/g		101	50 - 150		
PCB-206			92.6	94.6		ng/g		102	50 - 150		
PCB-208			92.6	93.1		ng/g		101	50 - 150		
PCB-209			92.6	90.5		ng/g		98	50 - 150		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
PCB-1L	*91*		*30 - 140*
PCB-3L	*86*		*30 - 140*
PCB-4L	*93*		*30 - 140*
PCB-15L	*83*		*30 - 140*
PCB-19L	*89*		*30 - 140*
PCB-37L	*88*		*30 - 140*
PCB-54L	*92*		*30 - 140*
PCB-77L	*90*		*30 - 140*
PCB-81L	*86*		*30 - 140*
PCB-104L	*96*		*30 - 140*
PCB-105L	*97*		*30 - 140*
PCB-114L	*96*		*30 - 140*
PCB-118L	*98*		*30 - 140*
PCB-123L	*97*		*30 - 140*
PCB-126L	*99*		*30 - 140*
PCB-155L	*96*		*30 - 140*
PCB-156L	*95*	*C*	*30 - 140*
PCB-157L	*95*	*C156*	*30 - 140*
PCB-167L	*96*		*30 - 140*

Method: 1668A - Chlorinated Biphenyl Congeners (HRGC/HRMS) (Continued)

Lab Sample ID: LCS 140-81427/18-B
Matrix: Sediment
Analysis Batch: 81990

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81427

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
PCB-169L	92		30 - 140
PCB-170L	93		30 - 140
PCB-188L	94		30 - 140
PCB-189L	95		30 - 140
PCB-202L	93		30 - 140
PCB-205L	94		30 - 140
PCB-206L	96		30 - 140
PCB-208L	106		30 - 140
PCB-209L	99		30 - 140

Specialty Organics

Prep Batch: 81427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-34509-1	PW-01	Total/NA	PE	Passive Sampler	
140-34509-2	PW-01-DUP	Total/NA	PE	Passive Sampler	
140-34509-3	PW-02	Total/NA	PE	Passive Sampler	
140-34509-4	PW-02-DUP	Total/NA	PE	Passive Sampler	
140-34509-5	PW-03	Total/NA	PE	Passive Sampler	
140-34509-6	PW-03-DUP	Total/NA	PE	Passive Sampler	
140-34509-7	TRIP BLANK PW-01	Total/NA	PE	Passive Sampler	
140-34509-8	TRIP BLANK PW-02	Total/NA	PE	Passive Sampler	
140-34509-9	TRIP BLANK PW-03	Total/NA	PE	Passive Sampler	
MB 140-81427/19-B	Method Blank	Total/NA	Sediment	Passive Sampler	
LCS 140-81427/18-B	Lab Control Sample	Total/NA	Sediment	Passive Sampler	

Cleanup Batch: 81576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-34509-1	PW-01	Total/NA	PE	Split	81427
140-34509-2	PW-01-DUP	Total/NA	PE	Split	81427
140-34509-3	PW-02	Total/NA	PE	Split	81427
140-34509-4	PW-02-DUP	Total/NA	PE	Split	81427
140-34509-5	PW-03	Total/NA	PE	Split	81427
140-34509-6	PW-03-DUP	Total/NA	PE	Split	81427
140-34509-7	TRIP BLANK PW-01	Total/NA	PE	Split	81427
140-34509-8	TRIP BLANK PW-02	Total/NA	PE	Split	81427
140-34509-9	TRIP BLANK PW-03	Total/NA	PE	Split	81427
MB 140-81427/19-B	Method Blank	Total/NA	Sediment	Split	81427
LCS 140-81427/18-B	Lab Control Sample	Total/NA	Sediment	Split	81427

Analysis Batch: 81990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-34509-1	PW-01	Total/NA	PE	1668A	81576
MB 140-81427/19-B	Method Blank	Total/NA	Sediment	1668A	81576
LCS 140-81427/18-B	Lab Control Sample	Total/NA	Sediment	1668A	81576

Analysis Batch: 82009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
140-34509-2	PW-01-DUP	Total/NA	PE	1668A	81576
140-34509-3	PW-02	Total/NA	PE	1668A	81576
140-34509-4	PW-02-DUP	Total/NA	PE	1668A	81576
140-34509-5	PW-03	Total/NA	PE	1668A	81576
140-34509-6	PW-03-DUP	Total/NA	PE	1668A	81576
140-34509-7	TRIP BLANK PW-01	Total/NA	PE	1668A	81576
140-34509-8	TRIP BLANK PW-02	Total/NA	PE	1668A	81576
140-34509-9	TRIP BLANK PW-03	Total/NA	PE	1668A	81576

Lab Chronicle

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

Client Sample ID: PW-01
Lab Sample ID: 140-34509-1
Date Collected: 11/21/23 09:15
Matrix: PE
Date Received: 11/22/23 07:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.054 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	81990	01/03/24 19:31	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: PW-01-DUP
Lab Sample ID: 140-34509-2
Date Collected: 11/21/23 09:15
Matrix: PE
Date Received: 11/22/23 07:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.049 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	82009	01/04/24 14:01	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: PW-02
Lab Sample ID: 140-34509-3
Date Collected: 11/21/23 09:12
Matrix: PE
Date Received: 11/22/23 07:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.049 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	82009	01/04/24 15:02	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: PW-02-DUP
Lab Sample ID: 140-34509-4
Date Collected: 11/21/23 09:12
Matrix: PE
Date Received: 11/22/23 07:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.049 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	82009	01/04/24 16:03	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: PW-03
Lab Sample ID: 140-34509-5
Date Collected: 11/21/23 09:19
Matrix: PE
Date Received: 11/22/23 07:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.053 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	82009	01/04/24 17:05	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: PW-03-DUP
Lab Sample ID: 140-34509-6
Date Collected: 11/21/23 09:19
Matrix: PE
Date Received: 11/22/23 07:53

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.047 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	82009	01/04/24 18:06	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: TRIP BLANK PW-01
Lab Sample ID: 140-34509-7
Date Collected: 10/12/23 11:21
Matrix: PE
Date Received: 10/13/23 06:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.046 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	82009	01/04/24 19:07	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: TRIP BLANK PW-02
Lab Sample ID: 140-34509-8
Date Collected: 10/12/23 10:44
Matrix: PE
Date Received: 10/13/23 06:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.045 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	82009	01/04/24 20:08	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: TRIP BLANK PW-03
Lab Sample ID: 140-34509-9
Date Collected: 10/12/23 11:54
Matrix: PE
Date Received: 10/13/23 06:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.052 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	82009	01/04/24 21:09	LKM	EET KNX
	Instrument ID: D2D									

Client Sample ID: Method Blank
Lab Sample ID: MB 140-81427/19-B
Date Collected: N/A
Matrix: Sediment
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.055 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	81990	01/03/24 18:30	LKM	EET KNX
	Instrument ID: D2D									

Lab Chronicle

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 140-81427/18-B

Date Collected: N/A
Matrix: Sediment
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Passive Sampler			0.054 g	10 mL	81427	12/15/23 10:45	CMS	EET KNX
Total/NA	Cleanup	Split			10 mL	100 uL	81576	12/19/23 15:23	CAA	EET KNX
Total/NA	Analysis	1668A		1	20 uL	20 uL	81990	01/03/24 15:43	LKM	EET KNX
	Instrument ID: D2D									

Laboratory References:

EET KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

Laboratory: Eurofins Knoxville

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	N/A	
ANAB	Dept. of Defense ELAP	L2311	02-13-25
ANAB	Dept. of Energy	L2311.01	02-13-25
ANAB	ISO/IEC 17025	L2311	02-13-25
Arkansas DEQ	State	88-0688	06-16-24
Colorado	State	TN00009	02-29-24
Connecticut	State	PH-0223	09-30-25
Florida	NELAP	E87177	06-30-24
Georgia (DW)	State	906	07-27-25
Hawaii	State	NA	07-27-24
Kansas	NELAP	E-10349	10-31-24
Kentucky (DW)	State	90101	12-31-23 *
Louisiana (All)	NELAP	83979	06-30-24
Louisiana (DW)	State	LA019	12-31-24
Maryland	State	277	03-31-24
Michigan	State	9933	07-27-25
Nevada	State	TN00009	07-31-24
New Hampshire	NELAP	2999	01-17-24
New Jersey	NELAP	TN001	07-01-24
New York	NELAP	10781	03-31-24
North Carolina (DW)	State	21705	07-31-24
North Carolina (WW/SW)	State	64	12-31-24
Oklahoma	State	9415	12-31-23 *
Oregon	NELAP	TNI0189	01-01-25
Pennsylvania	NELAP	68-00576	12-31-24
Tennessee	State	02014	07-27-25
Texas	NELAP	T104704380-23-18	08-31-24
US Fish & Wildlife	US Federal Programs	058448	07-31-24
USDA	US Federal Programs	525-22-279-18762	10-06-25
Utah	NELAP	TN00009	07-31-24
Virginia	NELAP	460176	09-14-24
Washington	State	C593	01-19-24
West Virginia (DW)	State	9955C	12-31-23 *
West Virginia DEP	State	345	04-30-24
Wisconsin	State	998044300	08-31-24

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Sirem, div of Geosyntec Consultants
Job ID: 140-34509-1
Project/Site: MF&A - East Whitaker Pond

Method	Method Description	Protocol	Laboratory
1668A	Chlorinated Biphenyl Congeners (HRGC/HRMS)	EPA	EET KNX
Passive Sampler	Preparation, Passive Sample	None	EET KNX
Split	Split Factor Determination	None	EET KNX

Protocol References:

EPA = US Environmental Protection Agency

None = None

Laboratory References:

EET KNX = Eurofins Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/1 Client Sample ID:

Date Analyzed: 10/08/21 11:14 Lab File ID: d3211008ic1.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-5	16.92	Split Peak	nordquistj	10/08/21 13:57
PCB-8	17.04	Split Peak	nordquistj	10/08/21 13:57
PCB-18	19.14	Split Peak	nordquistj	10/08/21 13:57
PCB-18/30	19.14	Split Peak	nordquistj	10/08/21 13:57
PCB-30	19.14	Split Peak	nordquistj	10/08/21 13:57
PCB-16	20.09	Split Peak	nordquistj	10/08/21 13:57
PCB-32	20.60	Split Peak	nordquistj	10/08/21 13:58
PCB-20	23.16	Split Peak	nordquistj	10/08/21 13:58
PCB-20/28	23.16	Split Peak	nordquistj	10/08/21 13:58
PCB-28	23.16	Split Peak	nordquistj	10/08/21 13:58
PCB-21	23.33	Split Peak	nordquistj	10/08/21 13:58
PCB-21/33	23.33	Split Peak	nordquistj	10/08/21 13:58
PCB-33	23.33	Split Peak	nordquistj	10/08/21 13:58
PCB-45	23.33	Split Peak	nordquistj	10/08/21 13:59
PCB-45/51	23.33	Split Peak	nordquistj	10/08/21 13:59
PCB-51	23.33	Split Peak	nordquistj	10/08/21 13:59
PCB-43	25.13	Split Peak	nordquistj	10/08/21 13:59
PCB-43/73	25.13	Split Peak	nordquistj	10/08/21 13:59
PCB-73	25.13	Split Peak	nordquistj	10/08/21 13:59
PCB-49	25.41	Split Peak	nordquistj	10/08/21 14:00
PCB-49/69	25.41	Split Peak	nordquistj	10/08/21 14:00
PCB-69	25.41	Split Peak	nordquistj	10/08/21 14:00
PCB-59	26.32	Split Peak	nordquistj	10/08/21 14:00
PCB-59/62/75	26.32	Split Peak	nordquistj	10/08/21 14:00
PCB-62	26.32	Split Peak	nordquistj	10/08/21 14:00
PCB-75	26.32	Split Peak	nordquistj	10/08/21 14:00
PCB-40	27.03	Split Peak	nordquistj	10/08/21 14:00
PCB-40/41/71	27.03	Split Peak	nordquistj	10/08/21 14:00
PCB-41	27.03	Split Peak	nordquistj	10/08/21 14:00
PCB-71	27.03	Split Peak	nordquistj	10/08/21 14:00

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/1 Client Sample ID:

Date Analyzed: 10/08/21 11:14 Lab File ID: d3211008ic1.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-102	29.27	Split Peak	nordquistj	10/08/21 14:01
PCB-98	29.27	Split Peak	nordquistj	10/08/21 14:01
PCB-98/102	29.27	Split Peak	nordquistj	10/08/21 14:01
PCB-88	29.67	Split Peak	nordquistj	10/08/21 14:01
PCB-88/91	29.67	Split Peak	nordquistj	10/08/21 14:01
PCB-91	29.67	Split Peak	nordquistj	10/08/21 14:01
PCB-61	29.79	Split Peak	nordquistj	10/08/21 14:00
PCB-61/70/74/76	29.79	Split Peak	nordquistj	10/08/21 14:00
PCB-70	29.79	Split Peak	nordquistj	10/08/21 14:00
PCB-74	29.79	Split Peak	nordquistj	10/08/21 14:00
PCB-76	29.79	Split Peak	nordquistj	10/08/21 14:00
PCB-83	32.42	Split Peak	nordquistj	10/08/21 14:02
PCB-83/99	32.42	Split Peak	nordquistj	10/08/21 14:02
PCB-99	32.42	Split Peak	nordquistj	10/08/21 14:02
PCB-109	32.90	Split Peak	nordquistj	10/08/21 14:02
PCB-119	32.90	Split Peak	nordquistj	10/08/21 14:02
PCB-125	32.90	Split Peak	nordquistj	10/08/21 14:02
PCB-86	32.90	Split Peak	nordquistj	10/08/21 14:02
PCB-86/87/97/109/119/125	32.90	Split Peak	nordquistj	10/08/21 14:02
PCB-87	32.90	Split Peak	nordquistj	10/08/21 14:02
PCB-97	32.90	Split Peak	nordquistj	10/08/21 14:02
PCB-116	33.61	Split Peak	nordquistj	10/08/21 14:03
PCB-117	33.61	Split Peak	nordquistj	10/08/21 14:03
PCB-85	33.61	Split Peak	nordquistj	10/08/21 14:03
PCB-85/116/117	33.61	Split Peak	nordquistj	10/08/21 14:03
PCB-77	34.51	Split Peak	nordquistj	10/08/21 14:01
PCB-135	34.72	Split Peak	nordquistj	10/08/21 14:06
PCB-135/151	34.72	Split Peak	nordquistj	10/08/21 14:06
PCB-151	34.72	Split Peak	nordquistj	10/08/21 14:06
PCB-120	34.97	Split Peak	nordquistj	10/08/21 14:03

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/1 Client Sample ID:

Date Analyzed: 10/08/21 11:14 Lab File ID: d3211008ic1.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-154	34.97	Split Peak	nordquistj	10/08/21 14:06
PCB-144	35.31	Split Peak	nordquistj	10/08/21 14:06
PCB-134	35.97	Split Peak	nordquistj	10/08/21 14:06
PCB-134/143	35.97	Split Peak	nordquistj	10/08/21 14:06
PCB-143	35.97	Split Peak	nordquistj	10/08/21 14:06
PCB-123	36.49	Split Peak	nordquistj	10/08/21 14:04
PCB-106	36.61	Split Peak	nordquistj	10/08/21 14:04
PCB-118	36.81	Split Peak	nordquistj	10/08/21 12:22
PCB-127	39.47	Split Peak	nordquistj	10/08/21 14:05
PCB-129	39.95	Split Peak	nordquistj	10/08/21 14:07
PCB-129/138/160/163	39.95	Split Peak	nordquistj	10/08/21 14:07
PCB-138	39.95	Split Peak	nordquistj	10/08/21 14:07
PCB-160	39.95	Split Peak	nordquistj	10/08/21 14:07
PCB-163	39.95	Split Peak	nordquistj	10/08/21 14:07
PCB-183	42.01	Split Peak	nordquistj	10/08/21 14:07
PCB-183/185	42.01	Split Peak	nordquistj	10/08/21 14:07
PCB-185	42.01	Split Peak	nordquistj	10/08/21 14:07
PCB-159	42.18	Split Peak	nordquistj	10/08/21 14:07
PCB-162	42.47	Split Peak	nordquistj	10/08/21 14:07
PCB-156	44.11	Split Peak	nordquistj	10/08/21 14:07
PCB-156/157	44.11	Split Peak	nordquistj	10/08/21 14:07
PCB-157	44.11	Split Peak	nordquistj	10/08/21 14:07
PCB-192	45.11	Split Peak	nordquistj	10/08/21 14:08
PCB-180	45.45	Split Peak	nordquistj	10/08/21 14:08
PCB-180/193	45.45	Split Peak	nordquistj	10/08/21 14:08
PCB-193	45.45	Split Peak	nordquistj	10/08/21 14:08
PCB-198	47.43	Split Peak	nordquistj	10/08/21 14:08
PCB-198/199	47.43	Split Peak	nordquistj	10/08/21 14:08
PCB-199	47.43	Split Peak	nordquistj	10/08/21 14:08
PCB-208	49.39	Split Peak	nordquistj	10/08/21 12:22

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/1 Client Sample ID:

Date Analyzed: 10/08/21 11:14 Lab File ID: d3211008ic1.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-195	49.64	Split Peak	nordquistj	10/08/21 14:09
PCB-207	50.31	Split Peak	nordquistj	10/08/21 12:23
PCB-206	54.18	Split Peak	nordquistj	10/08/21 12:23
PCB-209	55.78	Split Peak	nordquistj	10/08/21 14:10

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/2 Client Sample ID:

Date Analyzed: 10/08/21 12:38 Lab File ID: d3211008ic2.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-18	19.15	Split Peak	nordquistj	10/08/21 13:43
PCB-18/30	19.15	Split Peak	nordquistj	10/08/21 13:43
PCB-30	19.15	Split Peak	nordquistj	10/08/21 13:43
PCB-45	23.29	Split Peak	nordquistj	10/08/21 13:44
PCB-45/51	23.29	Split Peak	nordquistj	10/08/21 13:44
PCB-51	23.29	Split Peak	nordquistj	10/08/21 13:44
PCB-21	23.41	Split Peak	nordquistj	10/08/21 13:43
PCB-21/33	23.41	Split Peak	nordquistj	10/08/21 13:43
PCB-33	23.41	Split Peak	nordquistj	10/08/21 13:43
PCB-43	25.13	Split Peak	nordquistj	10/08/21 13:44
PCB-43/73	25.13	Split Peak	nordquistj	10/08/21 13:44
PCB-73	25.13	Split Peak	nordquistj	10/08/21 13:44
PCB-42	26.53	Split Peak	nordquistj	10/08/21 13:45
PCB-40	27.04	Split Peak	nordquistj	10/08/21 13:44
PCB-40/41/71	27.04	Split Peak	nordquistj	10/08/21 13:44
PCB-41	27.04	Split Peak	nordquistj	10/08/21 13:44
PCB-71	27.04	Split Peak	nordquistj	10/08/21 13:44
PCB-102	29.30	Split Peak	nordquistj	10/08/21 13:46
PCB-98	29.30	Split Peak	nordquistj	10/08/21 13:46
PCB-98/102	29.30	Split Peak	nordquistj	10/08/21 13:46
PCB-88	29.78	Split Peak	nordquistj	10/08/21 13:46
PCB-88/91	29.78	Split Peak	nordquistj	10/08/21 13:46
PCB-91	29.78	Split Peak	nordquistj	10/08/21 13:46
PCB-61	29.79	Split Peak	nordquistj	10/08/21 13:45
PCB-61/70/74/76	29.79	Split Peak	nordquistj	10/08/21 13:45
PCB-70	29.79	Split Peak	nordquistj	10/08/21 13:45
PCB-74	29.79	Split Peak	nordquistj	10/08/21 13:45
PCB-76	29.79	Split Peak	nordquistj	10/08/21 13:45
PCB-83	32.42	Split Peak	nordquistj	10/08/21 13:46
PCB-83/99	32.42	Split Peak	nordquistj	10/08/21 13:46

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/2 Client Sample ID:

Date Analyzed: 10/08/21 12:38 Lab File ID: d3211008ic2.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-99	32.42	Split Peak	nordquistj	10/08/21 13:46
PCB-109	32.90	Split Peak	nordquistj	10/08/21 13:47
PCB-119	32.90	Split Peak	nordquistj	10/08/21 13:47
PCB-125	32.90	Split Peak	nordquistj	10/08/21 13:47
PCB-86	32.90	Split Peak	nordquistj	10/08/21 13:47
PCB-86/87/97/109/119/125	32.90	Split Peak	nordquistj	10/08/21 13:47
PCB-87	32.90	Split Peak	nordquistj	10/08/21 13:47
PCB-97	32.90	Split Peak	nordquistj	10/08/21 13:47
PCB-116	33.65	Split Peak	nordquistj	10/08/21 13:47
PCB-117	33.65	Split Peak	nordquistj	10/08/21 13:47
PCB-85	33.65	Split Peak	nordquistj	10/08/21 13:47
PCB-85/116/117	33.65	Split Peak	nordquistj	10/08/21 13:47
PCB-135	34.81	Split Peak	nordquistj	10/08/21 13:48
PCB-135/151	34.81	Split Peak	nordquistj	10/08/21 13:48
PCB-151	34.81	Split Peak	nordquistj	10/08/21 13:48
PCB-134	35.88	Split Peak	nordquistj	10/08/21 13:48
PCB-134/143	35.88	Split Peak	nordquistj	10/08/21 13:48
PCB-143	35.88	Split Peak	nordquistj	10/08/21 13:48
PCB-106	36.61	Split Peak	nordquistj	10/08/21 13:47
PCB-118	36.83	Split Peak	nordquistj	10/08/21 13:47
PCB-105	38.03	Split Peak	nordquistj	10/08/21 13:47
PCB-127	39.48	Split Peak	nordquistj	10/08/21 13:48
PCB-129	39.96	Split Peak	nordquistj	10/08/21 13:49
PCB-129/138/160/163	39.96	Split Peak	nordquistj	10/08/21 13:49
PCB-138	39.96	Split Peak	nordquistj	10/08/21 13:49
PCB-160	39.96	Split Peak	nordquistj	10/08/21 13:49
PCB-163	39.96	Split Peak	nordquistj	10/08/21 13:49
PCB-183	41.90	Split Peak	nordquistj	10/08/21 13:49
PCB-183/185	41.90	Split Peak	nordquistj	10/08/21 13:49
PCB-185	41.90	Split Peak	nordquistj	10/08/21 13:49

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/2 Client Sample ID:

Date Analyzed: 10/08/21 12:38 Lab File ID: d3211008ic2.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-162	42.48	Split Peak	nordquistj	10/08/21 14:16
PCB-190	47.28	Split Peak	nordquistj	10/08/21 13:50
PCB-207	50.31	Split Peak	nordquistj	10/08/21 14:17
PCB-209	55.81	Split Peak	nordquistj	10/08/21 13:51

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/3 Client Sample ID:

Date Analyzed: 10/08/21 13:53 Lab File ID: d3211007ic3.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-18	19.14	Split Peak	nordquistj	10/08/21 15:06
PCB-18/30	19.14	Split Peak	nordquistj	10/08/21 15:06
PCB-30	19.14	Split Peak	nordquistj	10/08/21 15:06
PCB-28L	23.15	Split Peak	nordquistj	10/08/21 17:18
PCB-21	23.34	Split Peak	nordquistj	10/08/21 15:07
PCB-21/33	23.34	Split Peak	nordquistj	10/08/21 15:07
PCB-33	23.34	Split Peak	nordquistj	10/08/21 15:07
PCB-45	23.35	Split Peak	nordquistj	10/08/21 15:07
PCB-45/51	23.35	Split Peak	nordquistj	10/08/21 15:07
PCB-51	23.35	Split Peak	nordquistj	10/08/21 15:07
PCB-43	25.15	Split Peak	nordquistj	10/08/21 15:08
PCB-43/73	25.15	Split Peak	nordquistj	10/08/21 15:08
PCB-73	25.15	Split Peak	nordquistj	10/08/21 15:08
PCB-49	25.42	Split Peak	nordquistj	10/08/21 15:08
PCB-49/69	25.42	Split Peak	nordquistj	10/08/21 15:08
PCB-69	25.42	Split Peak	nordquistj	10/08/21 15:08
PCB-40	27.04	Split Peak	nordquistj	10/08/21 15:08
PCB-40/41/71	27.04	Split Peak	nordquistj	10/08/21 15:08
PCB-41	27.04	Split Peak	nordquistj	10/08/21 15:08
PCB-71	27.04	Split Peak	nordquistj	10/08/21 15:08
PCB-102	29.28	Split Peak	nordquistj	10/08/21 15:10
PCB-98	29.28	Split Peak	nordquistj	10/08/21 15:10
PCB-98/102	29.28	Split Peak	nordquistj	10/08/21 15:10
PCB-61	29.80	Split Peak	nordquistj	10/08/21 15:09
PCB-61/70/74/76	29.80	Split Peak	nordquistj	10/08/21 15:09
PCB-70	29.80	Split Peak	nordquistj	10/08/21 15:09
PCB-74	29.80	Split Peak	nordquistj	10/08/21 15:09
PCB-76	29.80	Split Peak	nordquistj	10/08/21 15:09
PCB-88	29.80	Split Peak	nordquistj	10/08/21 15:10
PCB-88/91	29.80	Split Peak	nordquistj	10/08/21 15:10

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/3 Client Sample ID:

Date Analyzed: 10/08/21 13:53 Lab File ID: d3211007ic3.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-91	29.80	Split Peak	nordquistj	10/08/21 15:10
PCB-92	31.27	Split Peak	nordquistj	10/08/21 15:10
PCB-83	32.42	Split Peak	nordquistj	10/08/21 15:10
PCB-83/99	32.42	Split Peak	nordquistj	10/08/21 15:10
PCB-99	32.42	Split Peak	nordquistj	10/08/21 15:10
PCB-109	32.91	Split Peak	nordquistj	10/08/21 15:11
PCB-119	32.91	Split Peak	nordquistj	10/08/21 15:11
PCB-125	32.91	Split Peak	nordquistj	10/08/21 15:11
PCB-86	32.91	Split Peak	nordquistj	10/08/21 15:11
PCB-86/87/97/109/119/125	32.91	Split Peak	nordquistj	10/08/21 15:11
PCB-87	32.91	Split Peak	nordquistj	10/08/21 15:11
PCB-97	32.91	Split Peak	nordquistj	10/08/21 15:11
PCB-116	33.65	Split Peak	nordquistj	10/08/21 15:12
PCB-117	33.65	Split Peak	nordquistj	10/08/21 15:12
PCB-85	33.65	Split Peak	nordquistj	10/08/21 15:12
PCB-85/116/117	33.65	Split Peak	nordquistj	10/08/21 15:12
PCB-135	34.82	Split Peak	nordquistj	10/08/21 15:13
PCB-135/151	34.82	Split Peak	nordquistj	10/08/21 15:13
PCB-151	34.82	Split Peak	nordquistj	10/08/21 15:13
PCB-134	35.98	Split Peak	nordquistj	10/08/21 15:14
PCB-134/143	35.98	Split Peak	nordquistj	10/08/21 15:14
PCB-143	35.98	Split Peak	nordquistj	10/08/21 15:14
PCB-118	36.83	Split Peak	nordquistj	10/08/21 15:12
PCB-122	37.18	Split Peak	nordquistj	10/08/21 15:12
PCB-129	39.96	Split Peak	nordquistj	10/08/21 15:15
PCB-129/138/160/163	39.96	Split Peak	nordquistj	10/08/21 15:15
PCB-138	39.96	Split Peak	nordquistj	10/08/21 15:15
PCB-160	39.96	Split Peak	nordquistj	10/08/21 15:15
PCB-163	39.96	Split Peak	nordquistj	10/08/21 15:15
PCB-178L	40.37	Split Peak	nordquistj	10/08/21 17:14

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/3 Client Sample ID:

Date Analyzed: 10/08/21 13:53 Lab File ID: d3211007ic3.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-183	41.90	Split Peak	nordquistj	10/08/21 15:15
PCB-183/185	41.90	Split Peak	nordquistj	10/08/21 15:15
PCB-185	41.90	Split Peak	nordquistj	10/08/21 15:15

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/4 Client Sample ID:

Date Analyzed: 10/08/21 14:53 Lab File ID: d3211007ic4.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-18	19.12	Split Peak	nordquistj	10/08/21 16:10
PCB-18/30	19.12	Split Peak	nordquistj	10/08/21 16:10
PCB-30	19.12	Split Peak	nordquistj	10/08/21 16:10
PCB-21	23.32	Split Peak	nordquistj	10/08/21 16:11
PCB-21/33	23.32	Split Peak	nordquistj	10/08/21 16:11
PCB-33	23.32	Split Peak	nordquistj	10/08/21 16:11
PCB-45	23.32	Split Peak	nordquistj	10/08/21 16:11
PCB-45/51	23.32	Split Peak	nordquistj	10/08/21 16:11
PCB-51	23.32	Split Peak	nordquistj	10/08/21 16:11
PCB-43	25.12	Split Peak	nordquistj	10/08/21 16:11
PCB-43/73	25.12	Split Peak	nordquistj	10/08/21 16:11
PCB-73	25.12	Split Peak	nordquistj	10/08/21 16:11
PCB-49	25.40	Split Peak	nordquistj	10/08/21 16:12
PCB-49/69	25.40	Split Peak	nordquistj	10/08/21 16:12
PCB-69	25.40	Split Peak	nordquistj	10/08/21 16:12
PCB-35	26.76	Split Peak	nordquistj	10/08/21 16:11
PCB-40	27.01	Split Peak	nordquistj	10/08/21 16:12
PCB-40/41/71	27.01	Split Peak	nordquistj	10/08/21 16:12
PCB-41	27.01	Split Peak	nordquistj	10/08/21 16:12
PCB-71	27.01	Split Peak	nordquistj	10/08/21 16:12
PCB-102	29.27	Split Peak	nordquistj	10/08/21 16:13
PCB-98	29.27	Split Peak	nordquistj	10/08/21 16:13
PCB-98/102	29.27	Split Peak	nordquistj	10/08/21 16:13
PCB-112	32.52	Split Peak	nordquistj	10/08/21 16:13
PCB-109	32.89	Split Peak	nordquistj	10/08/21 16:13
PCB-119	32.89	Split Peak	nordquistj	10/08/21 16:13
PCB-125	32.89	Split Peak	nordquistj	10/08/21 16:13
PCB-86	32.89	Split Peak	nordquistj	10/08/21 16:13
PCB-86/87/97/109/119/125	32.89	Split Peak	nordquistj	10/08/21 16:13
PCB-87	32.89	Split Peak	nordquistj	10/08/21 16:13

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/4 Client Sample ID:

Date Analyzed: 10/08/21 14:53 Lab File ID: d3211007ic4.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-97	32.89	Split Peak	nordquistj	10/08/21 16:13
PCB-78	33.48	Split Peak	nordquistj	10/08/21 16:12
PCB-135	34.79	Split Peak	nordquistj	10/08/21 16:14
PCB-135/151	34.79	Split Peak	nordquistj	10/08/21 16:14
PCB-151	34.79	Split Peak	nordquistj	10/08/21 16:14
PCB-118	36.81	Split Peak	nordquistj	10/08/21 16:13
PCB-105	38.02	Split Peak	nordquistj	10/08/21 16:14
PCB-127	39.47	Split Peak	nordquistj	10/08/21 16:14
PCB-129	39.94	Split Peak	nordquistj	10/08/21 16:15
PCB-129/138/160/163	39.94	Split Peak	nordquistj	10/08/21 16:15
PCB-138	39.94	Split Peak	nordquistj	10/08/21 16:15
PCB-160	39.94	Split Peak	nordquistj	10/08/21 16:15
PCB-163	39.94	Split Peak	nordquistj	10/08/21 16:15
PCB-183	41.89	Split Peak	nordquistj	10/08/21 16:15
PCB-183/185	41.89	Split Peak	nordquistj	10/08/21 16:15
PCB-185	41.89	Split Peak	nordquistj	10/08/21 16:15
PCB-162	42.47	Split Peak	nordquistj	10/08/21 16:15
PCB-190	47.27	Split Peak	nordquistj	10/08/21 16:16

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/5 Client Sample ID:

Date Analyzed: 10/08/21 15:56 Lab File ID: d3211007ic5.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-18	19.10	Split Peak	nordquistj	10/08/21 17:01
PCB-18/30	19.10	Split Peak	nordquistj	10/08/21 17:01
PCB-30	19.10	Split Peak	nordquistj	10/08/21 17:01
PCB-21	23.30	Split Peak	nordquistj	10/08/21 17:02
PCB-21/33	23.30	Split Peak	nordquistj	10/08/21 17:02
PCB-33	23.30	Split Peak	nordquistj	10/08/21 17:02
PCB-45	23.30	Split Peak	nordquistj	10/08/21 17:03
PCB-45/51	23.30	Split Peak	nordquistj	10/08/21 17:03
PCB-51	23.30	Split Peak	nordquistj	10/08/21 17:03
PCB-43	25.09	Split Peak	nordquistj	10/08/21 17:03
PCB-43/73	25.09	Split Peak	nordquistj	10/08/21 17:03
PCB-73	25.09	Split Peak	nordquistj	10/08/21 17:03
PCB-36	25.31	Split Peak	nordquistj	10/08/21 17:02
PCB-49	25.37	Split Peak	nordquistj	10/08/21 17:03
PCB-49/69	25.37	Split Peak	nordquistj	10/08/21 17:03
PCB-69	25.37	Split Peak	nordquistj	10/08/21 17:03
PCB-35	26.73	Split Peak	nordquistj	10/08/21 17:02
PCB-40	26.98	Split Peak	nordquistj	10/08/21 17:03
PCB-40/41/71	26.98	Split Peak	nordquistj	10/08/21 17:03
PCB-41	26.98	Split Peak	nordquistj	10/08/21 17:03
PCB-71	26.98	Split Peak	nordquistj	10/08/21 17:03
PCB-68	28.29	Split Peak	nordquistj	10/08/21 17:04
PCB-102	29.24	Split Peak	nordquistj	10/08/21 17:04
PCB-98	29.24	Split Peak	nordquistj	10/08/21 17:04
PCB-98/102	29.24	Split Peak	nordquistj	10/08/21 17:04
PCB-109	32.86	Split Peak	nordquistj	10/08/21 17:05
PCB-119	32.86	Split Peak	nordquistj	10/08/21 17:05
PCB-125	32.86	Split Peak	nordquistj	10/08/21 17:05
PCB-86	32.86	Split Peak	nordquistj	10/08/21 17:05
PCB-86/87/97/109/119/125	32.86	Split Peak	nordquistj	10/08/21 17:05

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/5 Client Sample ID:

Date Analyzed: 10/08/21 15:56 Lab File ID: d3211007ic5.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-87	32.86	Split Peak	nordquistj	10/08/21 17:05
PCB-97	32.86	Split Peak	nordquistj	10/08/21 17:05
PCB-118	36.78	Split Peak	nordquistj	10/08/21 17:05
PCB-105	37.98	Split Peak	nordquistj	10/08/21 17:05
PCB-127	39.44	Split Peak	nordquistj	10/08/21 17:05
PCB-129	39.92	Split Peak	nordquistj	10/08/21 17:06
PCB-129/138/160/163	39.92	Split Peak	nordquistj	10/08/21 17:06
PCB-138	39.92	Split Peak	nordquistj	10/08/21 17:06
PCB-160	39.92	Split Peak	nordquistj	10/08/21 17:06
PCB-163	39.92	Split Peak	nordquistj	10/08/21 17:06
PCB-183	41.86	Split Peak	nordquistj	10/08/21 17:07
PCB-183/185	41.86	Split Peak	nordquistj	10/08/21 17:07
PCB-185	41.86	Split Peak	nordquistj	10/08/21 17:07
PCB-162	42.44	Split Peak	nordquistj	10/08/21 17:07

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/6 Client Sample ID:

Date Analyzed: 10/08/21 16:58 Lab File ID: d3211007ic6.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1		Invalid Compound ID	nordquistj	10/08/21 18:16
PCB-2		Invalid Compound ID	nordquistj	10/08/21 18:16
PCB-3		Invalid Compound ID	nordquistj	10/08/21 18:16
PCB-18	19.10	Split Peak	nordquistj	10/08/21 18:08
PCB-18/30	19.10	Split Peak	nordquistj	10/08/21 18:08
PCB-30	19.10	Split Peak	nordquistj	10/08/21 18:08
PCB-31	22.81	Split Peak	nordquistj	10/08/21 18:09
PCB-20	23.10	Split Peak	nordquistj	10/08/21 18:08
PCB-20/28	23.10	Split Peak	nordquistj	10/08/21 18:08
PCB-28	23.10	Split Peak	nordquistj	10/08/21 18:08
PCB-21	23.28	Split Peak	nordquistj	10/08/21 18:09
PCB-21/33	23.28	Split Peak	nordquistj	10/08/21 18:09
PCB-33	23.28	Split Peak	nordquistj	10/08/21 18:09
PCB-45	23.30	Split Peak	nordquistj	10/08/21 18:10
PCB-45/51	23.30	Split Peak	nordquistj	10/08/21 18:10
PCB-51	23.30	Split Peak	nordquistj	10/08/21 18:10
PCB-43	25.09	Split Peak	nordquistj	10/08/21 18:10
PCB-43/73	25.09	Split Peak	nordquistj	10/08/21 18:10
PCB-73	25.09	Split Peak	nordquistj	10/08/21 18:10
PCB-49	25.36	Split Peak	nordquistj	10/08/21 18:10
PCB-49/69	25.36	Split Peak	nordquistj	10/08/21 18:10
PCB-69	25.36	Split Peak	nordquistj	10/08/21 18:10
PCB-35	26.73	Split Peak	nordquistj	10/08/21 18:09
PCB-40	26.98	Split Peak	nordquistj	10/08/21 18:11
PCB-40/41/71	26.98	Split Peak	nordquistj	10/08/21 18:11
PCB-41	26.98	Split Peak	nordquistj	10/08/21 18:11
PCB-71	26.98	Split Peak	nordquistj	10/08/21 18:11
PCB-102	29.24	Split Peak	nordquistj	10/08/21 18:12
PCB-98	29.24	Split Peak	nordquistj	10/08/21 18:12
PCB-98/102	29.24	Split Peak	nordquistj	10/08/21 18:12

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: IC 140-54640/6 Client Sample ID:

Date Analyzed: 10/08/21 16:58 Lab File ID: d3211007ic6.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-61	29.72	Split Peak	nordquistj	10/08/21 18:11
PCB-61/70/74/76	29.72	Split Peak	nordquistj	10/08/21 18:11
PCB-70	29.72	Split Peak	nordquistj	10/08/21 18:11
PCB-74	29.72	Split Peak	nordquistj	10/08/21 18:11
PCB-76	29.72	Split Peak	nordquistj	10/08/21 18:11
PCB-66	30.06	Split Peak	nordquistj	10/08/21 18:11
PCB-109	32.84	Split Peak	nordquistj	10/08/21 18:12
PCB-119	32.84	Split Peak	nordquistj	10/08/21 18:12
PCB-125	32.84	Split Peak	nordquistj	10/08/21 18:12
PCB-86	32.84	Split Peak	nordquistj	10/08/21 18:12
PCB-86/87/97/109/119/125	32.84	Split Peak	nordquistj	10/08/21 18:12
PCB-87	32.84	Split Peak	nordquistj	10/08/21 18:12
PCB-97	32.84	Split Peak	nordquistj	10/08/21 18:12
PCB-129	39.91	Split Peak	nordquistj	10/08/21 18:13
PCB-129/138/160/163	39.91	Split Peak	nordquistj	10/08/21 18:13
PCB-138	39.91	Split Peak	nordquistj	10/08/21 18:13
PCB-160	39.91	Split Peak	nordquistj	10/08/21 18:13
PCB-163	39.91	Split Peak	nordquistj	10/08/21 18:13
PCB-183	41.86	Split Peak	nordquistj	10/08/21 18:13
PCB-183/185	41.86	Split Peak	nordquistj	10/08/21 18:13
PCB-185	41.86	Split Peak	nordquistj	10/08/21 18:13
PCB-190	47.24	Split Peak	nordquistj	10/08/21 18:14

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: ICV 140-54640/7 Client Sample ID:

Date Analyzed: 10/08/21 19:20 Lab File ID: d3211007icv.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-18	19.08	Split Peak	nordquistj	10/09/21 11:13
PCB-18/30	19.08	Split Peak	nordquistj	10/09/21 11:13
PCB-30	19.08	Split Peak	nordquistj	10/09/21 11:13
PCB-45	23.27	Split Peak	nordquistj	10/09/21 11:15
PCB-45/51	23.27	Split Peak	nordquistj	10/09/21 11:15
PCB-51	23.27	Split Peak	nordquistj	10/09/21 11:15
PCB-21	23.33	Split Peak	nordquistj	10/09/21 11:14
PCB-21/33	23.33	Split Peak	nordquistj	10/09/21 11:14
PCB-33	23.33	Split Peak	nordquistj	10/09/21 11:14
PCB-22	23.74	Split Peak	nordquistj	10/09/21 11:14
PCB-43	25.06	Split Peak	nordquistj	10/09/21 11:15
PCB-43/73	25.06	Split Peak	nordquistj	10/09/21 11:15
PCB-73	25.06	Split Peak	nordquistj	10/09/21 11:15
PCB-36	25.28	Split Peak	nordquistj	10/09/21 11:14
PCB-49	25.33	Split Peak	nordquistj	10/09/21 11:16
PCB-49/69	25.33	Split Peak	nordquistj	10/09/21 11:16
PCB-69	25.33	Split Peak	nordquistj	10/09/21 11:16
PCB-35	26.70	Split Peak	nordquistj	10/09/21 11:14
PCB-40	26.96	Split Peak	nordquistj	10/09/21 11:16
PCB-40/41/71	26.96	Split Peak	nordquistj	10/09/21 11:16
PCB-41	26.96	Split Peak	nordquistj	10/09/21 11:16
PCB-71	26.96	Split Peak	nordquistj	10/09/21 11:16
PCB-102	29.20	Split Peak	nordquistj	10/09/21 11:17
PCB-98	29.20	Split Peak	nordquistj	10/09/21 11:17
PCB-98/102	29.20	Split Peak	nordquistj	10/09/21 11:17
PCB-89	30.41	Split Peak	nordquistj	10/09/21 11:17
PCB-121	30.77	Split Peak	nordquistj	10/09/21 11:17
PCB-109	32.83	Split Peak	nordquistj	10/09/21 11:18
PCB-119	32.83	Split Peak	nordquistj	10/09/21 11:18
PCB-125	32.83	Split Peak	nordquistj	10/09/21 11:18

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 54640

Lab Sample ID: ICV 140-54640/7 Client Sample ID:

Date Analyzed: 10/08/21 19:20 Lab File ID: d3211007icv.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-86	32.83	Split Peak	nordquistj	10/09/21 11:18
PCB-86/87/97/109/119/125	32.83	Split Peak	nordquistj	10/09/21 11:18
PCB-87	32.83	Split Peak	nordquistj	10/09/21 11:18
PCB-97	32.83	Split Peak	nordquistj	10/09/21 11:18
PCB-135	34.65	Split Peak	nordquistj	10/09/21 11:19
PCB-135/151	34.65	Split Peak	nordquistj	10/09/21 11:19
PCB-151	34.65	Split Peak	nordquistj	10/09/21 11:19
PCB-118	36.74	Split Peak	nordquistj	10/09/21 11:18
PCB-141	38.82	Split Peak	nordquistj	10/09/21 11:19
PCB-127	39.40	Split Peak	nordquistj	10/09/21 11:18
PCB-129	39.88	Split Peak	nordquistj	10/09/21 11:19
PCB-129/138/160/163	39.88	Split Peak	nordquistj	10/09/21 11:19
PCB-138	39.88	Split Peak	nordquistj	10/09/21 11:19
PCB-160	39.88	Split Peak	nordquistj	10/09/21 11:19
PCB-163	39.88	Split Peak	nordquistj	10/09/21 11:19
PCB-158	40.25	Split Peak	nordquistj	10/09/21 11:19
PCB-183	41.82	Split Peak	nordquistj	10/09/21 11:20
PCB-183/185	41.82	Split Peak	nordquistj	10/09/21 11:20
PCB-185	41.82	Split Peak	nordquistj	10/09/21 11:20
PCB-162	42.40	Split Peak	nordquistj	10/09/21 11:20
PCB-167	42.87	Split Peak	nordquistj	10/09/21 11:23
PCB-156	44.03	Split Peak	nordquistj	10/09/21 11:20
PCB-156/157	44.03	Split Peak	nordquistj	10/09/21 11:20
PCB-157	44.03	Split Peak	nordquistj	10/09/21 11:20
PCB-190	47.21	Split Peak	nordquistj	10/09/21 11:21

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 81990

Lab Sample ID: WDMCCV 140-81990/1 Client Sample ID:

Date Analyzed: 01/03/24 14:42 Lab File ID: d2240103c3a.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-92	31.16	Baseline	V4XA	01/03/24 19:00
PCB-109	32.81	Baseline	V4XA	01/03/24 19:00
PCB-119	32.81	Baseline	V4XA	01/03/24 19:00
PCB-125	32.81	Baseline	V4XA	01/03/24 19:00
PCB-86	32.81	Baseline	V4XA	01/03/24 19:00
PCB-86/87/97/109/119/125	32.81	Baseline	V4XA	01/03/24 19:00
PCB-87	32.81	Baseline	V4XA	01/03/24 19:00
PCB-97	32.81	Baseline	V4XA	01/03/24 19:00
PCB-135	34.65	Baseline	V4XA	01/03/24 19:00
PCB-135/151	34.65	Baseline	V4XA	01/03/24 19:00
PCB-151	34.65	Baseline	V4XA	01/03/24 19:00
PCB-129	39.83	Baseline	V4XA	01/03/24 19:01
PCB-129/138/160/163	39.83	Baseline	V4XA	01/03/24 19:01
PCB-138	39.83	Baseline	V4XA	01/03/24 19:01
PCB-160	39.83	Baseline	V4XA	01/03/24 19:01
PCB-163	39.83	Baseline	V4XA	01/03/24 19:01
PCB-183	41.79	Invalid Compound ID	V4XA	01/03/24 19:02
PCB-183/185	41.79	Invalid Compound ID	V4XA	01/03/24 19:02
PCB-185	41.79	Invalid Compound ID	V4XA	01/03/24 19:02

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 81990

Lab Sample ID: LCS 140-81427/18-B Client Sample ID:

Date Analyzed: 01/03/24 15:43 Lab File ID: lcs140-8142718-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-21	23.20	Baseline	V4XA	01/04/24 00:29
PCB-33	23.20	Baseline	V4XA	01/04/24 00:29
PCB-43	25.00	Baseline	V4XA	01/04/24 00:29
PCB-73	25.00	Baseline	V4XA	01/04/24 00:29
PCB-102	29.13	Baseline	V4XA	01/04/24 00:30
PCB-98	29.13	Baseline	V4XA	01/04/24 00:30
PCB-92	31.12	Baseline	V4XA	01/04/24 00:30
PCB-109	32.77	Baseline	V4XA	01/04/24 00:30
PCB-119	32.77	Baseline	V4XA	01/04/24 00:30
PCB-125	32.77	Baseline	V4XA	01/04/24 00:30
PCB-86	32.77	Baseline	V4XA	01/04/24 00:30
PCB-87	32.77	Baseline	V4XA	01/04/24 00:30
PCB-97	32.77	Baseline	V4XA	01/04/24 00:30
PCB-129	39.80	Baseline	V4XA	01/04/24 00:31
PCB-138	39.80	Baseline	V4XA	01/04/24 00:31
PCB-160	39.80	Baseline	V4XA	01/04/24 00:31
PCB-163	39.80	Baseline	V4XA	01/04/24 00:31
PCB-183	41.77	Invalid Compound ID	V4XA	01/04/24 00:32
PCB-185	41.77	Invalid Compound ID	V4XA	01/04/24 00:32

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 81990

Lab Sample ID: MB 140-81427/19-B Client Sample ID:

Date Analyzed: 01/03/24 18:30 Lab File ID: mb140-8142719-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-11	19.38	Split Peak	V4XA	01/03/24 19:51
PCB-31	22.77	Baseline	V4XA	01/03/24 19:52
PCB-61	29.62	Baseline	V4XA	01/03/24 19:52
PCB-70	29.62	Baseline	V4XA	01/03/24 19:52
PCB-74	29.62	Baseline	V4XA	01/03/24 19:52
PCB-76	29.62	Baseline	V4XA	01/03/24 19:52
PCB-101	31.68	Split Peak	V4XA	01/03/24 19:53
PCB-113	31.68	Split Peak	V4XA	01/03/24 19:53
PCB-90	31.68	Split Peak	V4XA	01/03/24 19:53

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 81990

Lab Sample ID: 140-34509-1 Client Sample ID: PW-01

Date Analyzed: 01/03/24 19:31 Lab File ID: 140-34509-a-1-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-189		Invalid Compound ID	V4XA	01/04/24 00:25
PCB-4	14.08	Baseline	V4XA	01/04/24 00:11
PCB-11	19.34	Split Peak	V4XA	01/04/24 00:12
PCB-16	19.93	Baseline	V4XA	01/04/24 00:13
PCB-46	23.41	Baseline	V4XA	01/04/24 00:14
PCB-43	25.00	Baseline	V4XA	01/04/24 00:14
PCB-73	25.00	Baseline	V4XA	01/04/24 00:14
PCB-49	25.33	Baseline	V4XA	01/04/24 00:14
PCB-69	25.33	Baseline	V4XA	01/04/24 00:14
PCB-48	25.62	Baseline	V4XA	01/04/24 00:14
PCB-44	25.79	Baseline	V4XA	01/04/24 00:15
PCB-47	25.79	Baseline	V4XA	01/04/24 00:15
PCB-65	25.79	Baseline	V4XA	01/04/24 00:15
PCB-68	28.21	Split Peak	V4XA	01/04/24 00:15
PCB-100	28.97	Baseline	V4XA	01/04/24 00:19
PCB-93	28.97	Baseline	V4XA	01/04/24 00:19
PCB-88	29.62	Baseline	V4XA	01/04/24 00:20
PCB-91	29.62	Baseline	V4XA	01/04/24 00:20
PCB-84	29.85	Baseline	V4XA	01/04/24 00:20
PCB-56	30.65	Split Peak	V4XA	01/04/24 00:17
PCB-155	31.46	Split Peak	V4XA	01/04/24 00:22
PCB-152	31.67	Invalid Compound ID	V4XA	01/04/24 00:22
PCB-109	32.88	Baseline	V4XA	01/04/24 00:21
PCB-119	32.88	Baseline	V4XA	01/04/24 00:21
PCB-125	32.88	Baseline	V4XA	01/04/24 00:21
PCB-86	32.88	Baseline	V4XA	01/04/24 00:21
PCB-87	32.88	Baseline	V4XA	01/04/24 00:21
PCB-97	32.88	Baseline	V4XA	01/04/24 00:21
PCB-116	33.51	Baseline	V4XA	01/04/24 00:21
PCB-117	33.51	Baseline	V4XA	01/04/24 00:21

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 81990

Lab Sample ID: 140-34509-1 Client Sample ID: PW-01

Date Analyzed: 01/03/24 19:31 Lab File ID: 140-34509-a-1-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-85	33.51	Baseline	V4XA	01/04/24 00:21
PCB-82	33.99	Baseline	V4XA	01/04/24 00:21
PCB-135	34.60	Baseline	V4XA	01/04/24 00:23
PCB-151	34.60	Baseline	V4XA	01/04/24 00:23
PCB-134	35.73	Baseline	V4XA	01/04/24 00:23
PCB-143	35.73	Baseline	V4XA	01/04/24 00:23
PCB-108	36.00	Baseline	V4XA	01/04/24 00:22
PCB-124	36.00	Baseline	V4XA	01/04/24 00:22
PCB-107	36.23	Split Peak	V4XA	01/04/24 00:22
PCB-123	36.30	Split Peak	V4XA	01/04/24 00:22
PCB-106	36.47	Split Peak	V4XA	01/04/24 00:22
PCB-132	36.79	Split Peak	V4XA	01/04/24 00:23
PCB-156	43.91	Baseline	V4XA	01/04/24 00:24
PCB-157	43.91	Baseline	V4XA	01/04/24 00:24
PCB-197	44.38	Split Peak	V4XA	01/04/24 00:25
PCB-195	49.47	Split Peak	V4XA	01/04/24 00:26
PCB-205	52.30	Baseline	V4XA	01/04/24 00:26

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: WDMCCV 140-82009/1 Client Sample ID:

Date Analyzed: 01/04/24 11:14 Lab File ID: d2240104c1a.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-21	23.21	Split Peak	F9EE	01/04/24 12:34
PCB-21/33	23.21	Split Peak	F9EE	01/04/24 12:34
PCB-33	23.21	Split Peak	F9EE	01/04/24 12:34
PCB-102	29.13	Split Peak	F9EE	01/04/24 12:35
PCB-98	29.13	Split Peak	F9EE	01/04/24 12:35
PCB-98/102	29.13	Split Peak	F9EE	01/04/24 12:35
PCB-109	32.76	Split Peak	F9EE	01/04/24 12:36
PCB-119	32.76	Split Peak	F9EE	01/04/24 12:36
PCB-125	32.76	Split Peak	F9EE	01/04/24 12:36
PCB-86	32.76	Split Peak	F9EE	01/04/24 12:36
PCB-86/87/97/109/119/125	32.76	Split Peak	F9EE	01/04/24 12:36
PCB-87	32.76	Split Peak	F9EE	01/04/24 12:36
PCB-97	32.76	Split Peak	F9EE	01/04/24 12:36
PCB-129	39.79	Split Peak	F9EE	01/04/24 12:36
PCB-129/138/160/163	39.79	Split Peak	F9EE	01/04/24 12:36
PCB-138	39.79	Split Peak	F9EE	01/04/24 12:36
PCB-160	39.79	Split Peak	F9EE	01/04/24 12:36
PCB-163	39.79	Split Peak	F9EE	01/04/24 12:36
PCB-183	41.75	Split Peak	F9EE	01/04/24 12:37
PCB-183/185	41.75	Split Peak	F9EE	01/04/24 12:37
PCB-185	41.75	Split Peak	F9EE	01/04/24 12:37

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-2 Client Sample ID: PW-01-DUP

Date Analyzed: 01/04/24 14:01 Lab File ID: 140-34509-a-2-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-112		Invalid Compound ID	V4XA	01/04/24 19:51
PCB-189		Split Peak	V4XA	01/04/24 19:58
PCB-10	14.25	Baseline	V4XA	01/04/24 19:42
PCB-8	16.89	Split Peak	V4XA	01/04/24 19:42
PCB-11	19.36	Split Peak	V4XA	01/04/24 19:42
PCB-21	23.26	Baseline	V4XA	01/04/24 19:43
PCB-33	23.26	Baseline	V4XA	01/04/24 19:43
PCB-46	23.42	Baseline	V4XA	01/04/24 19:44
PCB-22	23.65	Baseline	V4XA	01/04/24 19:43
PCB-48	25.61	Baseline	V4XA	01/04/24 19:44
PCB-104	25.78	Baseline	V4XA	01/04/24 19:48
PCB-44	25.78	Baseline	V4XA	01/04/24 19:45
PCB-47	25.78	Baseline	V4XA	01/04/24 19:45
PCB-65	25.78	Baseline	V4XA	01/04/24 19:45
PCB-59	26.19	Baseline	V4XA	01/04/24 19:45
PCB-62	26.19	Baseline	V4XA	01/04/24 19:45
PCB-75	26.19	Baseline	V4XA	01/04/24 19:45
PCB-72	27.91	Baseline	V4XA	01/04/24 19:46
PCB-68	28.21	Split Peak	V4XA	01/04/24 19:46
PCB-95	28.76	Invalid Compound ID	V4XA	01/04/24 19:49
PCB-100	28.96	Split Peak	V4XA	01/04/24 19:50
PCB-93	28.96	Split Peak	V4XA	01/04/24 19:50
PCB-102	29.10	Split Peak	V4XA	01/04/24 19:50
PCB-98	29.10	Split Peak	V4XA	01/04/24 19:50
PCB-88	29.61	Baseline	V4XA	01/04/24 19:50
PCB-91	29.61	Baseline	V4XA	01/04/24 19:50
PCB-84	29.86	Baseline	V4XA	01/04/24 19:50
PCB-66	29.96	Split Peak	V4XA	01/04/24 19:47
PCB-55	30.11	Split Peak	V4XA	01/04/24 19:47
PCB-56	30.67	Split Peak	V4XA	01/04/24 19:47

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-2 Client Sample ID: PW-01-DUP

Date Analyzed: 01/04/24 14:01 Lab File ID: 140-34509-a-2-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-60	30.83	Split Peak	V4XA	01/04/24 19:47
PCB-92	31.12	Baseline	V4XA	01/04/24 19:50
PCB-155	31.45	Split Peak	V4XA	01/04/24 19:53
PCB-152	31.66	Split Peak	V4XA	01/04/24 19:54
PCB-150	31.82	Split Peak	V4XA	01/04/24 19:54
PCB-136	32.19	Split Peak	V4XA	01/04/24 19:55
PCB-145	32.46	Split Peak	V4XA	01/04/24 19:55
PCB-109	32.86	Baseline	V4XA	01/04/24 19:51
PCB-119	32.86	Baseline	V4XA	01/04/24 19:51
PCB-125	32.86	Baseline	V4XA	01/04/24 19:51
PCB-86	32.86	Baseline	V4XA	01/04/24 19:51
PCB-87	32.86	Baseline	V4XA	01/04/24 19:51
PCB-97	32.86	Baseline	V4XA	01/04/24 19:51
PCB-116	33.50	Baseline	V4XA	01/04/24 19:52
PCB-117	33.50	Baseline	V4XA	01/04/24 19:52
PCB-85	33.50	Baseline	V4XA	01/04/24 19:52
PCB-135	34.58	Baseline	V4XA	01/04/24 19:55
PCB-151	34.58	Baseline	V4XA	01/04/24 19:55
PCB-134	35.73	Baseline	V4XA	01/04/24 19:56
PCB-143	35.73	Baseline	V4XA	01/04/24 19:56
PCB-123	36.31	Split Peak	V4XA	01/04/24 19:52
PCB-106	36.47	Split Peak	V4XA	01/04/24 19:52
PCB-132	36.78	Split Peak	V4XA	01/04/24 19:56
PCB-114	37.18	Split Peak	V4XA	01/04/24 19:52
PCB-105	37.85	Baseline	V4XA	01/04/24 19:53
PCB-146	37.94	Baseline	V4XA	01/04/24 19:57
PCB-164	39.49	Baseline	V4XA	01/04/24 19:57
PCB-197	44.38	Split Peak	V4XA	01/04/24 20:00
PCB-200	44.52	Baseline	V4XA	01/04/24 19:59
PCB-180	45.28	Baseline	V4XA	01/04/24 19:58

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-2 Client Sample ID: PW-01-DUP

Date Analyzed: 01/04/24 14:01 Lab File ID: 140-34509-a-2-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-193	45.28	Baseline	V4XA	01/04/24 19:58
PCB-207	50.17	Split Peak	V4XA	01/04/24 20:01
PCB-194	51.83	Split Peak	V4XA	01/04/24 20:00
PCB-205	52.30	Baseline	V4XA	01/04/24 20:00

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-3 Client Sample ID: PW-02

Date Analyzed: 01/04/24 15:02 Lab File ID: 140-34509-a-3-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-123		Invalid Compound ID	V4XA	01/04/24 20:17
PCB-18	19.07	Split Peak	V4XA	01/04/24 20:02
PCB-30	19.07	Split Peak	V4XA	01/04/24 20:02
PCB-11	19.34	Split Peak	V4XA	01/04/24 20:02
PCB-16	19.95	Baseline	V4XA	01/04/24 20:03
PCB-15	19.98	Split Peak	V4XA	01/04/24 20:02
PCB-26	22.16	Baseline	V4XA	01/04/24 20:03
PCB-29	22.16	Baseline	V4XA	01/04/24 20:03
PCB-25	22.41	Baseline	V4XA	01/04/24 20:03
PCB-45	23.20	Baseline	V4XA	01/04/24 20:06
PCB-51	23.20	Baseline	V4XA	01/04/24 20:06
PCB-46	23.42	Baseline	V4XA	01/04/24 20:06
PCB-43	25.01	Baseline	V4XA	01/04/24 20:07
PCB-73	25.01	Baseline	V4XA	01/04/24 20:07
PCB-36	25.21	Split Peak	V4XA	01/04/24 20:04
PCB-49	25.33	Baseline	V4XA	01/04/24 20:07
PCB-69	25.33	Baseline	V4XA	01/04/24 20:07
PCB-39	25.60	Split Peak	V4XA	01/04/24 20:05
PCB-48	25.61	Baseline	V4XA	01/04/24 20:07
PCB-104	25.79	Split Peak	V4XA	01/04/24 20:12
PCB-59	26.18	Baseline	V4XA	01/04/24 20:07
PCB-62	26.18	Baseline	V4XA	01/04/24 20:07
PCB-75	26.18	Baseline	V4XA	01/04/24 20:07
PCB-40	26.88	Baseline	V4XA	01/04/24 20:07
PCB-41	26.88	Baseline	V4XA	01/04/24 20:07
PCB-71	26.88	Baseline	V4XA	01/04/24 20:07
PCB-37	27.03	Split Peak	V4XA	01/04/24 20:05
PCB-68	28.21	Split Peak	V4XA	01/04/24 20:08
PCB-100	28.96	Baseline	V4XA	01/04/24 20:13
PCB-93	28.96	Baseline	V4XA	01/04/24 20:13

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-3 Client Sample ID: PW-02

Date Analyzed: 01/04/24 15:02 Lab File ID: 140-34509-a-3-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-61	29.63	Baseline	V4XA	01/04/24 20:08
PCB-70	29.63	Baseline	V4XA	01/04/24 20:08
PCB-74	29.63	Baseline	V4XA	01/04/24 20:08
PCB-76	29.63	Baseline	V4XA	01/04/24 20:08
PCB-88	29.64	Baseline	V4XA	01/04/24 20:13
PCB-91	29.64	Baseline	V4XA	01/04/24 20:13
PCB-84	29.86	Baseline	V4XA	01/04/24 20:13
PCB-66	29.97	Baseline	V4XA	01/04/24 20:08
PCB-56	30.68	Split Peak	V4XA	01/04/24 20:09
PCB-121	30.75	Split Peak	V4XA	01/04/24 20:14
PCB-60	30.82	Split Peak	V4XA	01/04/24 20:10
PCB-92	31.12	Baseline	V4XA	01/04/24 20:14
PCB-155	31.47	Split Peak	V4XA	01/04/24 20:31
PCB-152	31.63	Split Peak	V4XA	01/04/24 20:31
PCB-101	31.71	Split Peak	V4XA	01/04/24 20:14
PCB-113	31.71	Split Peak	V4XA	01/04/24 20:14
PCB-90	31.71	Split Peak	V4XA	01/04/24 20:14
PCB-150	31.85	Split Peak	V4XA	01/04/24 20:32
PCB-136	32.21	Split Peak	V4XA	01/04/24 20:32
PCB-109	32.78	Baseline	V4XA	01/04/24 20:15
PCB-119	32.78	Baseline	V4XA	01/04/24 20:15
PCB-125	32.78	Baseline	V4XA	01/04/24 20:15
PCB-86	32.78	Baseline	V4XA	01/04/24 20:15
PCB-87	32.78	Baseline	V4XA	01/04/24 20:15
PCB-97	32.78	Baseline	V4XA	01/04/24 20:15
PCB-116	33.53	Baseline	V4XA	01/04/24 20:16
PCB-117	33.53	Baseline	V4XA	01/04/24 20:16
PCB-85	33.53	Baseline	V4XA	01/04/24 20:16
PCB-81	33.74	Split Peak	V4XA	01/04/24 20:12
PCB-147	35.54	Split Peak	V4XA	01/04/24 20:33

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-3 Client Sample ID: PW-02

Date Analyzed: 01/04/24 15:02 Lab File ID: 140-34509-a-3-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-149	35.54	Split Peak	V4XA	01/04/24 20:33
PCB-134	35.72	Split Peak	V4XA	01/04/24 20:33
PCB-143	35.72	Split Peak	V4XA	01/04/24 20:33
PCB-108	36.01	Split Peak	V4XA	01/04/24 20:16
PCB-124	36.01	Split Peak	V4XA	01/04/24 20:16
PCB-107	36.22	Split Peak	V4XA	01/04/24 20:17
PCB-118	36.68	Split Peak	V4XA	01/04/24 20:17
PCB-132	36.77	Split Peak	V4XA	01/04/24 20:33
PCB-105	37.85	Baseline	V4XA	01/04/24 20:30
PCB-141	38.74	Baseline	V4XA	01/04/24 20:34
PCB-197	44.39	Split Peak	V4XA	01/04/24 20:37
PCB-200	44.50	Split Peak	V4XA	01/04/24 20:37
PCB-192	44.97	Split Peak	V4XA	01/04/24 20:36
PCB-180	45.32	Split Peak	V4XA	01/04/24 20:36
PCB-193	45.32	Split Peak	V4XA	01/04/24 20:36
PCB-205	52.30	Baseline	V4XA	01/04/24 20:38
PCB-209	55.72	Baseline	V4XA	01/04/24 22:54

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-4 Client Sample ID: PW-02-DUP

Date Analyzed: 01/04/24 16:03 Lab File ID: 140-34509-a-4-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-195		Invalid Compound ID	V4XA	01/04/24 23:19
PCB-39		Invalid Compound ID	V4XA	01/04/24 22:58
PCB-77		Invalid Compound ID	V4XA	01/04/24 23:05
PCB-4	14.09	Baseline	V4XA	01/04/24 22:56
PCB-10	14.26	Baseline	V4XA	01/04/24 22:56
PCB-6	16.47	Baseline	V4XA	01/04/24 22:56
PCB-8	16.90	Split Peak	V4XA	01/04/24 22:56
PCB-11	19.37	Split Peak	V4XA	01/04/24 22:57
PCB-27	19.70	Split Peak	V4XA	01/04/24 22:57
PCB-24	19.83	Split Peak	V4XA	01/04/24 22:57
PCB-32	20.47	Split Peak	V4XA	01/04/24 22:58
PCB-45	23.20	Baseline	V4XA	01/04/24 22:59
PCB-51	23.20	Baseline	V4XA	01/04/24 22:59
PCB-46	23.44	Baseline	V4XA	01/04/24 23:00
PCB-40	26.89	Baseline	V4XA	01/04/24 23:01
PCB-41	26.89	Baseline	V4XA	01/04/24 23:01
PCB-71	26.89	Baseline	V4XA	01/04/24 23:01
PCB-37	27.04	Baseline	V4XA	01/04/24 22:59
PCB-64	27.09	Split Peak	V4XA	01/04/24 23:01
PCB-72	27.94	Baseline	V4XA	01/04/24 23:01
PCB-57	28.64	Baseline	V4XA	01/04/24 23:01
PCB-100	28.99	Split Peak	V4XA	01/04/24 23:06
PCB-93	28.99	Split Peak	V4XA	01/04/24 23:06
PCB-67	29.02	Baseline	V4XA	01/04/24 23:02
PCB-102	29.15	Split Peak	V4XA	01/04/24 23:06
PCB-98	29.15	Split Peak	V4XA	01/04/24 23:06
PCB-63	29.29	Baseline	V4XA	01/04/24 23:02
PCB-66	29.97	Baseline	V4XA	01/04/24 23:02
PCB-60	30.84	Split Peak	V4XA	01/04/24 23:03
PCB-92	31.14	Split Peak	V4XA	01/04/24 23:07

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-4 Client Sample ID: PW-02-DUP

Date Analyzed: 01/04/24 16:03 Lab File ID: 140-34509-a-4-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-155	31.49	Split Peak	V4XA	01/04/24 23:12
PCB-152	31.62	Invalid Compound ID	V4XA	01/04/24 23:12
PCB-150	31.87	Split Peak	V4XA	01/04/24 23:12
PCB-83	32.29	Split Peak	V4XA	01/04/24 23:08
PCB-99	32.29	Split Peak	V4XA	01/04/24 23:08
PCB-112	32.38	Split Peak	V4XA	01/04/24 23:08
PCB-109	32.90	Baseline	V4XA	01/04/24 23:08
PCB-119	32.90	Baseline	V4XA	01/04/24 23:08
PCB-125	32.90	Baseline	V4XA	01/04/24 23:08
PCB-86	32.90	Baseline	V4XA	01/04/24 23:08
PCB-87	32.90	Baseline	V4XA	01/04/24 23:08
PCB-97	32.90	Baseline	V4XA	01/04/24 23:08
PCB-78	33.36	Split Peak	V4XA	01/04/24 23:04
PCB-116	33.52	Baseline	V4XA	01/04/24 23:08
PCB-117	33.52	Baseline	V4XA	01/04/24 23:08
PCB-85	33.52	Baseline	V4XA	01/04/24 23:08
PCB-81	33.80	Split Peak	V4XA	01/04/24 23:05
PCB-82	34.02	Baseline	V4XA	01/04/24 23:08
PCB-134	35.74	Baseline	V4XA	01/04/24 23:13
PCB-143	35.74	Baseline	V4XA	01/04/24 23:13
PCB-107	36.24	Invalid Compound ID	V4XA	01/04/24 23:10
PCB-123	36.40	Split Peak	V4XA	01/04/24 23:10
PCB-106	36.49	Baseline	V4XA	01/04/24 23:09
PCB-132	36.80	Split Peak	V4XA	01/04/24 23:13
PCB-122	37.03	Baseline	V4XA	01/04/24 23:10
PCB-188	37.20	Baseline	V4XA	01/04/24 23:16
PCB-133	37.34	Split Peak	V4XA	01/04/24 23:13
PCB-179	37.58	Baseline	V4XA	01/04/24 23:17
PCB-105	37.87	Baseline	V4XA	01/04/24 23:11
PCB-167	42.83	Baseline	V4XA	01/04/24 23:14

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-4 Client Sample ID: PW-02-DUP

Date Analyzed: 01/04/24 16:03 Lab File ID: 140-34509-a-4-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-197	44.40	Split Peak	V4XA	01/04/24 23:19
PCB-200	44.47	Split Peak	V4XA	01/04/24 23:19
PCB-207	50.21	Baseline	V4XA	01/04/24 23:20
PCB-194	51.87	Invalid Compound ID	V4XA	01/04/24 23:19
PCB-205	52.32	Baseline	V4XA	01/04/24 23:20

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-5 Client Sample ID: PW-03

Date Analyzed: 01/04/24 17:05 Lab File ID: 140-34509-a-5-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-189		Invalid Compound ID	V4XA	01/04/24 23:48
PCB-39		Split Peak	V4XA	01/04/24 23:25
PCB-1	11.69	Split Peak	V4XA	01/04/24 23:21
PCB-6	16.48	Baseline	V4XA	01/04/24 23:22
PCB-11	19.37	Split Peak	V4XA	01/04/24 23:23
PCB-12	19.68	Split Peak	V4XA	01/04/24 23:23
PCB-13	19.68	Split Peak	V4XA	01/04/24 23:23
PCB-27	19.70	Split Peak	V4XA	01/04/24 23:23
PCB-24	19.83	Split Peak	V4XA	01/04/24 23:23
PCB-16	19.95	Split Peak	V4XA	01/04/24 23:23
PCB-15	20.01	Split Peak	V4XA	01/04/24 23:23
PCB-32	20.46	Split Peak	V4XA	01/04/24 23:23
PCB-26	22.18	Split Peak	V4XA	01/04/24 23:24
PCB-29	22.18	Split Peak	V4XA	01/04/24 23:24
PCB-25	22.42	Split Peak	V4XA	01/04/24 23:24
PCB-46	23.45	Baseline	V4XA	01/04/24 23:27
PCB-43	25.01	Baseline	V4XA	01/04/24 23:27
PCB-73	25.01	Baseline	V4XA	01/04/24 23:27
PCB-36	25.22	Split Peak	V4XA	01/04/24 23:24
PCB-38	26.18	Baseline	V4XA	01/04/24 23:26
PCB-96	26.19	Split Peak	V4XA	01/04/24 23:37
PCB-40	26.89	Baseline	V4XA	01/04/24 23:27
PCB-41	26.89	Baseline	V4XA	01/04/24 23:27
PCB-71	26.89	Baseline	V4XA	01/04/24 23:27
PCB-64	27.09	Split Peak	V4XA	01/04/24 23:28
PCB-103	28.11	Baseline	V4XA	01/04/24 23:38
PCB-94	28.33	Baseline	V4XA	01/04/24 23:38
PCB-102	29.15	Baseline	V4XA	01/04/24 23:38
PCB-98	29.15	Baseline	V4XA	01/04/24 23:38
PCB-66	29.97	Split Peak	V4XA	01/04/24 23:28

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-5 Client Sample ID: PW-03

Date Analyzed: 01/04/24 17:05 Lab File ID: 140-34509-a-5-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-55	30.11	Split Peak	V4XA	01/04/24 23:28
PCB-56	30.64	Split Peak	V4XA	01/04/24 23:35
PCB-60	30.83	Split Peak	V4XA	01/04/24 23:29
PCB-92	31.14	Baseline	V4XA	01/04/24 23:39
PCB-155	31.47	Split Peak	V4XA	01/04/24 23:41
PCB-152	31.63	Split Peak	V4XA	01/04/24 23:41
PCB-79	32.79	Split Peak	V4XA	01/04/24 23:29
PCB-109	32.89	Baseline	V4XA	01/04/24 23:39
PCB-119	32.89	Baseline	V4XA	01/04/24 23:39
PCB-125	32.89	Baseline	V4XA	01/04/24 23:39
PCB-86	32.89	Baseline	V4XA	01/04/24 23:39
PCB-87	32.89	Baseline	V4XA	01/04/24 23:39
PCB-97	32.89	Baseline	V4XA	01/04/24 23:39
PCB-116	33.52	Baseline	V4XA	01/04/24 23:39
PCB-117	33.52	Baseline	V4XA	01/04/24 23:39
PCB-85	33.52	Baseline	V4XA	01/04/24 23:39
PCB-81	33.77	Invalid Compound ID	V4XA	01/04/24 23:36
PCB-77	34.35	Split Peak	V4XA	01/04/24 23:36
PCB-135	34.59	Baseline	V4XA	01/04/24 23:42
PCB-151	34.59	Baseline	V4XA	01/04/24 23:42
PCB-134	35.73	Baseline	V4XA	01/04/24 23:42
PCB-143	35.73	Baseline	V4XA	01/04/24 23:42
PCB-107	36.23	Split Peak	V4XA	01/04/24 23:40
PCB-123	36.37	Split Peak	V4XA	01/04/24 23:40
PCB-106	36.48	Invalid Compound ID	V4XA	01/04/24 23:40
PCB-188	37.22	Baseline	V4XA	01/04/24 23:46
PCB-133	37.30	Baseline	V4XA	01/04/24 23:44
PCB-179	37.56	Baseline	V4XA	01/04/24 23:45
PCB-187	41.16	Baseline	V4XA	01/04/24 23:46
PCB-183	41.79	Baseline	V4XA	01/04/24 23:46

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-5 Client Sample ID: PW-03

Date Analyzed: 01/04/24 17:05 Lab File ID: 140-34509-a-5-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-185	41.79	Baseline	V4XA	01/04/24 23:46
PCB-174	42.01	Baseline	V4XA	01/04/24 23:47
PCB-177	42.47	Baseline	V4XA	01/04/24 23:47
PCB-197	44.39	Split Peak	V4XA	01/05/24 00:07
PCB-200	44.47	Split Peak	V4XA	01/05/24 00:07
PCB-170	46.61	Baseline	V4XA	01/04/24 23:48
PCB-194	51.83	Split Peak	V4XA	01/05/24 00:08

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-6 Client Sample ID: PW-03-DUP

Date Analyzed: 01/04/24 18:06 Lab File ID: 140-34509-a-6-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-195		Invalid Compound ID	V4XA	01/05/24 00:44
PCB-1	11.66	Baseline	V4XA	01/05/24 00:10
PCB-10	14.24	Baseline	V4XA	01/05/24 00:11
PCB-8	16.86	Baseline	V4XA	01/05/24 00:11
PCB-19	17.17	Split Peak	V4XA	01/05/24 00:13
PCB-11	19.36	Split Peak	V4XA	01/05/24 00:12
PCB-16	19.90	Split Peak	V4XA	01/05/24 00:13
PCB-15	19.98	Baseline	V4XA	01/05/24 00:12
PCB-26	22.16	Split Peak	V4XA	01/05/24 00:14
PCB-29	22.16	Split Peak	V4XA	01/05/24 00:14
PCB-25	22.37	Baseline	V4XA	01/05/24 00:15
PCB-46	23.40	Baseline	V4XA	01/05/24 00:18
PCB-22	23.63	Baseline	V4XA	01/05/24 00:15
PCB-36	25.18	Split Peak	V4XA	01/05/24 00:15
PCB-48	25.59	Baseline	V4XA	01/05/24 00:19
PCB-39	25.61	Split Peak	V4XA	01/05/24 00:16
PCB-104	25.76	Split Peak	V4XA	01/05/24 00:25
PCB-44	25.77	Baseline	V4XA	01/05/24 00:23
PCB-47	25.77	Baseline	V4XA	01/05/24 00:23
PCB-65	25.77	Baseline	V4XA	01/05/24 00:23
PCB-96	26.14	Split Peak	V4XA	01/05/24 00:25
PCB-42	26.35	Split Peak	V4XA	01/05/24 00:23
PCB-37	27.00	Split Peak	V4XA	01/05/24 00:16
PCB-100	28.97	Baseline	V4XA	01/05/24 00:25
PCB-93	28.97	Baseline	V4XA	01/05/24 00:25
PCB-88	29.59	Baseline	V4XA	01/05/24 00:25
PCB-91	29.59	Baseline	V4XA	01/05/24 00:25
PCB-84	29.81	Baseline	V4XA	01/05/24 00:25
PCB-60	30.79	Split Peak	V4XA	01/05/24 00:24
PCB-155	31.43	Split Peak	V4XA	01/05/24 00:27

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HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-6 Client Sample ID: PW-03-DUP

Date Analyzed: 01/04/24 18:06 Lab File ID: 140-34509-a-6-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-152	31.63	Invalid Compound ID	V4XA	01/05/24 00:45
PCB-136	32.16	Split Peak	V4XA	01/05/24 00:28
PCB-83	32.24	Baseline	V4XA	01/05/24 00:26
PCB-99	32.24	Baseline	V4XA	01/05/24 00:26
PCB-109	32.85	Baseline	V4XA	01/05/24 00:26
PCB-119	32.85	Baseline	V4XA	01/05/24 00:26
PCB-125	32.85	Baseline	V4XA	01/05/24 00:26
PCB-86	32.85	Baseline	V4XA	01/05/24 00:26
PCB-87	32.85	Baseline	V4XA	01/05/24 00:26
PCB-97	32.85	Baseline	V4XA	01/05/24 00:26
PCB-116	33.48	Baseline	V4XA	01/05/24 00:26
PCB-117	33.48	Baseline	V4XA	01/05/24 00:26
PCB-85	33.48	Baseline	V4XA	01/05/24 00:26
PCB-81	33.70	Split Peak	V4XA	01/05/24 00:24
PCB-135	34.63	Baseline	V4XA	01/05/24 00:28
PCB-151	34.63	Baseline	V4XA	01/05/24 00:28
PCB-123	36.34	Split Peak	V4XA	01/05/24 00:27
PCB-106	36.44	Split Peak	V4XA	01/05/24 00:27
PCB-167	42.78	Baseline	V4XA	01/05/24 00:29
PCB-194	51.81	Baseline	V4XA	01/05/24 00:44
PCB-205	52.25	Baseline	V4XA	01/05/24 00:44

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-7 Client Sample ID: TRIP BLANK PW-01

Date Analyzed: 01/04/24 19:07 Lab File ID: 140-34509-a-7-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-18	19.06	Baseline	V4XA	01/05/24 00:48
PCB-30	19.06	Baseline	V4XA	01/05/24 00:48
PCB-11	19.35	Split Peak	V4XA	01/05/24 00:47
PCB-17	19.45	Baseline	V4XA	01/05/24 00:48
PCB-54	20.27	Baseline	V4XA	01/05/24 00:49
PCB-32	20.45	Split Peak	V4XA	01/05/24 00:48
PCB-155	31.45	Split Peak	V4XA	01/05/24 01:00
PCB-152	31.64	Split Peak	V4XA	01/05/24 01:00
PCB-150	31.80	Split Peak	V4XA	01/05/24 01:01
PCB-78	33.31	Baseline	V4XA	01/05/24 00:58
PCB-81	33.77	Split Peak	V4XA	01/05/24 00:58
PCB-161	38.04	Split Peak	V4XA	01/05/24 01:01
PCB-197	44.36	Split Peak	V4XA	01/05/24 01:03
PCB-200	44.47	Split Peak	V4XA	01/05/24 01:03
PCB-180	45.23	Split Peak	V4XA	01/05/24 01:02
PCB-193	45.23	Split Peak	V4XA	01/05/24 01:02
PCB-205	52.28	Baseline	V4XA	01/05/24 01:04

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-8 Client Sample ID: TRIP BLANK PW-02

Date Analyzed: 01/04/24 20:08 Lab File ID: 140-34509-a-8-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-96		Invalid Compound ID	V4XA	01/05/24 01:08
PCB-2	13.66	Baseline	V4XA	01/05/24 01:05
PCB-18	19.07	Split Peak	V4XA	01/05/24 01:05
PCB-30	19.07	Split Peak	V4XA	01/05/24 01:05
PCB-45	23.18	Split Peak	V4XA	01/05/24 01:07
PCB-51	23.18	Split Peak	V4XA	01/05/24 01:07
PCB-36	25.22	Split Peak	V4XA	01/05/24 01:06
PCB-39	25.57	Split Peak	V4XA	01/05/24 01:06
PCB-68	28.21	Split Peak	V4XA	01/05/24 01:07
PCB-155	31.47	Split Peak	V4XA	01/05/24 01:09
PCB-152	31.66	Split Peak	V4XA	01/05/24 01:09
PCB-81	33.77	Split Peak	V4XA	01/05/24 01:07
PCB-106	36.47	Split Peak	V4XA	01/05/24 01:08
PCB-118	36.68	Split Peak	V4XA	01/05/24 01:08
PCB-161	38.06	Split Peak	V4XA	01/05/24 01:10
PCB-159	42.03	Split Peak	V4XA	01/05/24 01:10
PCB-197	44.37	Split Peak	V4XA	01/05/24 01:11
PCB-200	44.49	Split Peak	V4XA	01/05/24 01:11

HI-RES PCBS MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Analysis Batch Number: 82009

Lab Sample ID: 140-34509-9 Client Sample ID: TRIP BLANK PW-03

Date Analyzed: 01/04/24 21:09 Lab File ID: 140-34509-a-9-b.d GC Column: SPB-Octyl ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-11	19.36	Split Peak	V4XA	01/05/24 01:13
PCB-17	19.45	Split Peak	V4XA	01/05/24 01:13
PCB-16	19.94	Baseline	V4XA	01/05/24 01:13
PCB-54	20.27	Baseline	V4XA	01/05/24 01:14
PCB-155	31.46	Split Peak	V4XA	01/05/24 01:17
PCB-152	31.64	Invalid Compound ID	V4XA	01/05/24 01:20
PCB-106	36.46	Split Peak	V4XA	01/05/24 01:16
PCB-118	36.59	Split Peak	V4XA	01/05/24 01:16
PCB-165	37.66	Split Peak	V4XA	01/05/24 01:17
PCB-197	44.36	Split Peak	V4XA	01/05/24 01:19
PCB-200	44.53	Split Peak	V4XA	01/05/24 01:19
PCB-207	50.16	Baseline	V4XA	01/05/24 01:20
PCB-205	52.29	Baseline	V4XA	01/05/24 01:19
PCB-209	55.65	Baseline	V4XA	01/05/24 01:20

Method 1668A

Chlorinated Biphenyl Congeners (HRGC/HRMS) by Method 1668A

FORM II
HI-RES PCBS SURROGATE RECOVERY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Matrix: Sediment Level: Low

GC Column (1): SPB-Octyl ID: 0.25(mm)

Client Sample ID	Lab Sample ID	PCB1L #	PCB3L #	PCB4L #	PCB19L #	PCB15L #	PCB54L #	PCB104L #	PCB37L #
PW-01	140-34509-1	94	86	94	93	85	92	100	87
PW-01-DUP	140-34509-2	94	79	95	96	86	96	112	87
PW-02	140-34509-3	103	89	97	98	93	102	103	93
PW-02-DUP	140-34509-4	99	85	91	90	91	101	117	89
PW-03	140-34509-5	91	85	91	95	82	95	103	87
PW-03-DUP	140-34509-6	90	83	95	92	85	98	98	88
TRIP BLANK PW-01	140-34509-7	91	84	95	92	84	94	103	86
TRIP BLANK PW-02	140-34509-8	92	87	97	94	85	99	105	88
TRIP BLANK PW-03	140-34509-9	87	76	86	82	76	86	95	72
	MB 140-81427/19-B	101	94	100	90	95	96	108	87
	LCS 140-81427/18-B	91	86	93	89	83	92	96	88

	QC LIMITS
PCB1L = PCB-1L	30-140
PCB3L = PCB-3L	30-140
PCB4L = PCB-4L	30-140
PCB19L = PCB-19L	30-140
PCB15L = PCB-15L	30-140
PCB54L = PCB-54L	30-140
PCB104L = PCB-104L	30-140
PCB37L = PCB-37L	30-140

Column to be used to flag recovery values

FORM II 1668A

FORM II
HI-RES PCBS SURROGATE RECOVERY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Matrix: Sediment Level: Low

GC Column (1): SPB-Octyl ID: 0.25(mm)

Client Sample ID	Lab Sample ID	PCB155L #	PCB81L #	PCB77L #	PCB123L #	PCB118L #	PCB114L #	PCB188L #	PCB105L #
PW-01	140-34509-1	100	89	88	101	101	97	108	96
PW-01-DUP	140-34509-2	104	89	86	103	101	101	109	99
PW-02	140-34509-3	106	99	98	105	105	103	120	102
PW-02-DUP	140-34509-4	106	83	81	106	106	103	105	102
PW-03	140-34509-5	101	89	88	97	98	100	101	100
PW-03-DUP	140-34509-6	97	87	87	99	101	99	102	98
TRIP BLANK PW-01	140-34509-7	97	87	88	111	105	100	103	98
TRIP BLANK PW-02	140-34509-8	103	88	87	106	104	101	103	100
TRIP BLANK PW-03	140-34509-9	93	78	78	100	98	97	94	94
	MB 140-81427/19-B	103	79	86	104	106	103	104	101
	LCS 140-81427/18-B	96	86	90	97	98	96	94	97

	QC LIMITS
PCB155L = PCB-155L	30-140
PCB81L = PCB-81L	30-140
PCB77L = PCB-77L	30-140
PCB123L = PCB-123L	30-140
PCB118L = PCB-118L	30-140
PCB114L = PCB-114L	30-140
PCB188L = PCB-188L	30-140
PCB105L = PCB-105L	30-140

Column to be used to flag recovery values

FORM II 1668A

FORM II
HI-RES PCBS SURROGATE RECOVERY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Matrix: Sediment Level: Low

GC Column (1): SPB-Octyl ID: 0.25(mm)

Client Sample ID	Lab Sample ID	PCB126L #	PCB202L #	PCB167L #	PCB156L #	PCB157L #	PCB170L #	PCB169L #	PCB208L #
PW-01	140-34509-1	99	103	88	89 C156	89 C156	98	87	103
PW-01-DUP	140-34509-2	100	102	98	59 C156	59 C156	97	92	107
PW-02	140-34509-3	101	111	97	96 C156	96 C156	101	91	106
PW-02-DUP	140-34509-4	95	101	97	95 C156	95 C156	101	91	99
PW-03	140-34509-5	102	98	97	95 C156	95 C156	93	93	98
PW-03-DUP	140-34509-6	103	98	98	96 C156	96 C156	94	95	105
TRIP BLANK PW-01	140-34509-7	99	96	96	95 C156	95 C156	94	92	107
TRIP BLANK PW-02	140-34509-8	104	97	99	99 C156	99 C156	99	98	106
TRIP BLANK PW-03	140-34509-9	98	92	93	92 C156	92 C156	87	89	96
	MB 140-81427/19-B	108	98	101	98 C156	98 C156	97	97	106
	LCS 140-81427/18-B	99	93	96	95 C156	95 C156	93	92	106

	QC LIMITS
PCB126L = PCB-126L	30-140
PCB202L = PCB-202L	30-140
PCB167L = PCB-167L	30-140
PCB156L = PCB-156L	30-140
PCB157L = PCB-157L	30-140
PCB170L = PCB-170L	30-140
PCB169L = PCB-169L	30-140
PCB208L = PCB-208L	30-140

Column to be used to flag recovery values

FORM II 1668A

FORM II
HI-RES PCBS SURROGATE RECOVERY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Matrix: Sediment Level: Low

GC Column (1): SPB-Octyl ID: 0.25(mm)

Client Sample ID	Lab Sample ID	PCB189L #	PCB205L #	PCB206L #	PCB209L #
PW-01	140-34509-1	95	96	96	95
PW-01-DUP	140-34509-2	102	101	114	116
PW-02	140-34509-3	100	99	104	109
PW-02-DUP	140-34509-4	96	95	100	102
PW-03	140-34509-5	82	93	100	101
PW-03-DUP	140-34509-6	85	97	108	112
TRIP BLANK PW-01	140-34509-7	83	94	107	111
TRIP BLANK PW-02	140-34509-8	93	98	108	112
TRIP BLANK PW-03	140-34509-9	82	88	95	100
	MB 140-81427/19-B	97	100	105	108
	LCS 140-81427/18-B	95	94	96	99

	QC LIMITS
PCB189L = PCB-189L	30-140
PCB205L = PCB-205L	30-140
PCB206L = PCB-206L	30-140
PCB209L = PCB-209L	30-140

Column to be used to flag recovery values

FORM II 1668A

FORM III
HI-RES PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Matrix: Sediment Level: Low Lab File ID: lcs140-8142718-b.d

Lab ID: LCS 140-81427/18-B Client ID:

COMPOUND	SPIKE ADDED (ng/g)	LCS CONCENTRATION (ng/g)	LCS % REC	QC LIMITS REC	#
PCB-1	92.6	90.0	97	50-150	
PCB-3	92.6	89.8	97	50-150	
PCB-4	92.6	87.0	94	50-150	
PCB-15	92.6	96.4	104	50-150	
PCB-19	92.6	98.1	106	50-150	
PCB-37	92.6	89.9	97	50-150	
PCB-54	92.6	92.6	100	50-150	
PCB-77	92.6	94.0	102	50-150	
PCB-81	92.6	95.2	103	50-150	
PCB-104	92.6	97.3	105	50-150	
PCB-105	92.6	90.8	98	50-150	
PCB-114	92.6	90.2	97	50-150	
PCB-118	92.6	97.4	105	50-150	
PCB-123	92.6	91.8	99	50-150	
PCB-126	92.6	91.3	99	50-150	
PCB-155	92.6	93.7	101	50-150	
PCB-156	185	183	99	50-150	C
PCB-157	185	183	99	50-150	C156
PCB-167	92.6	91.8	99	50-150	
PCB-169	92.6	93.2	101	50-150	
PCB-188	92.6	95.9	104	50-150	
PCB-189	92.6	93.8	101	50-150	
PCB-202	92.6	95.7	103	50-150	
PCB-205	92.6	93.8	101	50-150	
PCB-206	92.6	94.6	102	50-150	
PCB-208	92.6	93.1	101	50-150	
PCB-209	92.6	90.5	98	50-150	
PCB-1L	185	169	91	30-140	
PCB-3L	185	159	86	30-140	
PCB-4L	185	173	93	30-140	
PCB-15L	185	153	83	30-140	
PCB-19L	185	165	89	30-140	
PCB-37L	185	163	88	30-140	
PCB-54L	185	170	92	30-140	
PCB-77L	185	166	90	30-140	
PCB-81L	185	160	86	30-140	
PCB-104L	185	177	96	30-140	
PCB-105L	185	179	97	30-140	
PCB-114L	185	177	96	30-140	
PCB-118L	185	181	98	30-140	
PCB-123L	185	180	97	30-140	
PCB-126L	185	184	99	30-140	

Column to be used to flag recovery and RPD values

FORM III 1668A

FORM III
HI-RES PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Matrix: Sediment Level: Low Lab File ID: lcs140-8142718-b.d

Lab ID: LCS 140-81427/18-B Client ID:

COMPOUND	SPIKE ADDED (ng/g)	LCS CONCENTRATION (ng/g)	LCS % REC	QC LIMITS REC	#
PCB-155L	185	178	96	30-140	
PCB-156L	370	351	95	30-140	C
PCB-157L	370	351	95	30-140	C156
PCB-167L	185	177	96	30-140	
PCB-169L	185	171	92	30-140	
PCB-170L	185	172	93	30-140	
PCB-188L	185	174	94	30-140	
PCB-189L	185	176	95	30-140	
PCB-202L	185	172	93	30-140	
PCB-205L	185	174	94	30-140	
PCB-206L	185	178	96	30-140	
PCB-208L	185	197	106	30-140	
PCB-209L	185	183	99	30-140	

Column to be used to flag recovery and RPD values

FORM III 1668A

FORM IV
HI-RES PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Lab File ID: mb140-8142719-b.d Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment Date Extracted: 12/15/2023 10:45

Instrument ID: D2D Date Analyzed: 01/03/2024 18:30

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 140-81427/18-B	lcs140-8142718-b.d	01/03/2024 15:43
PW-01	140-34509-1	140-34509-a-1-b.d	01/03/2024 19:31
PW-01-DUP	140-34509-2	140-34509-a-2-b.d	01/04/2024 14:01
PW-02	140-34509-3	140-34509-a-3-b.d	01/04/2024 15:02
PW-02-DUP	140-34509-4	140-34509-a-4-b.d	01/04/2024 16:03
PW-03	140-34509-5	140-34509-a-5-b.d	01/04/2024 17:05
PW-03-DUP	140-34509-6	140-34509-a-6-b.d	01/04/2024 18:06
TRIP BLANK PW-01	140-34509-7	140-34509-a-7-b.d	01/04/2024 19:07
TRIP BLANK PW-02	140-34509-8	140-34509-a-8-b.d	01/04/2024 20:08
TRIP BLANK PW-03	140-34509-9	140-34509-a-9-b.d	01/04/2024 21:09

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01 | Lab Sample ID: 140-34509-1

Matrix: PE | Lab File ID: 140-34509-a-1-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 19:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	ND		1.9	0.035
2051-61-8	PCB-2	ND		1.9	0.039
2051-62-9	PCB-3	ND		1.9	0.046
13029-08-8	PCB-4	0.83	J	3.7	0.14
16605-91-7	PCB-5	ND		1.9	0.14
25569-80-6	PCB-6	ND		1.9	0.12
33284-50-3	PCB-7	ND		1.9	0.14
34883-43-7	PCB-8	ND		3.7	0.11
34883-39-1	PCB-9	ND		1.9	0.13
33146-45-1	PCB-10	ND		1.9	0.15
2050-67-1	PCB-11	1.1	J q B	3.7	0.12
2974-92-7	PCB-12	ND	C	3.7	0.13
2974-90-5	PCB-13	ND	C12	3.7	0.13
34883-41-5	PCB-14	510		1.9	0.14
2050-68-2	PCB-15	ND		1.9	0.15
38444-78-9	PCB-16	0.33	J	1.9	0.089
37680-66-3	PCB-17	2.2	q	1.9	0.088
37680-65-2	PCB-18	0.51	J q C	3.7	0.059
38444-73-4	PCB-19	2.5	q	1.9	0.083
38444-84-7	PCB-20	1.4	J C	3.7	0.40
55702-46-0	PCB-21	ND	C	3.7	0.39
38444-85-8	PCB-22	ND		1.9	0.37
55720-44-0	PCB-23	ND		1.9	0.43
55702-45-9	PCB-24	ND		1.9	0.060
55712-37-3	PCB-25	ND		1.9	0.34
38444-81-4	PCB-26	ND	C	3.7	0.44
38444-76-7	PCB-27	1.1	J	1.9	0.062
7012-37-5	PCB-28	1.4	J C20	3.7	0.40
15862-07-4	PCB-29	ND	C26	3.7	0.44
35693-92-6	PCB-30	0.51	J q C18	3.7	0.059
16606-02-3	PCB-31	0.99	J B	3.7	0.36
38444-77-8	PCB-32	1.3	J B	1.9	0.054

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01 | Lab Sample ID: 140-34509-1

Matrix: PE | Lab File ID: 140-34509-a-1-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 19:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	ND	C21	3.7	0.39
37680-68-5	PCB-34	ND		1.9	0.44
37680-69-6	PCB-35	ND		1.9	0.39
38444-87-0	PCB-36	270		1.9	0.34
38444-90-5	PCB-37	ND		1.9	0.38
53555-66-1	PCB-38	ND		1.9	0.37
38444-88-1	PCB-39	ND		1.9	0.38
38444-93-8	PCB-40	2.5	J q C	5.6	0.052
52663-59-9	PCB-41	2.5	J q C40	5.6	0.052
36559-22-5	PCB-42	1.4	J q	1.9	0.057
70362-46-8	PCB-43	2.1	J C	3.7	0.044
41464-39-5	PCB-44	41	C	5.6	0.047
70362-45-7	PCB-45	3.6	J C	3.7	0.056
41464-47-5	PCB-46	0.41	J q	1.9	0.066
2437-79-8	PCB-47	41	C44	5.6	0.047
70362-47-9	PCB-48	0.71	J	1.9	0.052
41464-40-8	PCB-49	6.3	C	3.7	0.044
62796-65-0	PCB-50	2.7	J C	3.7	0.051
68194-04-7	PCB-51	3.6	J C45	3.7	0.056
35693-99-3	PCB-52	7.8	B	1.9	0.046
41464-41-9	PCB-53	2.7	J C50	3.7	0.051
15968-05-5	PCB-54	0.41	J q	1.9	0.026
74338-24-2	PCB-55	ND		1.9	0.031
41464-43-1	PCB-56	0.47	J q	1.9	0.032
70424-67-8	PCB-57	ND		1.9	0.035
41464-49-7	PCB-58	ND		1.9	0.031
74472-33-6	PCB-59	ND	C	5.6	0.039
33025-41-1	PCB-60	ND		1.9	0.037
33284-53-6	PCB-61	3.9	J C B	7.4	0.034
54230-22-7	PCB-62	ND	C59	5.6	0.039
74472-34-7	PCB-63	ND		1.9	0.037
52663-58-8	PCB-64	1.3	J	1.9	0.038

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01 | Lab Sample ID: 140-34509-1

Matrix: PE | Lab File ID: 140-34509-a-1-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 19:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	41	C44	5.6	0.047
32598-10-0	PCB-66	1.9	B	1.9	0.032
73575-53-8	PCB-67	ND		1.9	0.030
73575-52-7	PCB-68	4.6		1.9	0.035
60233-24-1	PCB-69	6.3	C49	3.7	0.044
32598-11-1	PCB-70	3.9	J C61 B	7.4	0.034
41464-46-4	PCB-71	2.5	J q C40	5.6	0.052
41464-42-0	PCB-72	ND		1.9	0.034
74338-23-1	PCB-73	2.1	J C43	3.7	0.044
32690-93-0	PCB-74	3.9	J C61 B	7.4	0.034
32598-12-2	PCB-75	ND	C59	5.6	0.039
70362-48-0	PCB-76	3.9	J C61 B	7.4	0.034
32598-13-3	PCB-77	ND		1.9	0.037
70362-49-1	PCB-78	700		1.9	0.032
41464-48-6	PCB-79	ND		1.9	0.027
33284-52-5	PCB-80	ND		1.9	0.031
70362-50-4	PCB-81	ND		1.9	0.039
52663-62-4	PCB-82	0.94	J q	1.9	0.12
60145-20-2	PCB-83	9.0	C	3.7	0.12
52663-60-2	PCB-84	3.5		1.9	0.15
65510-45-4	PCB-85	2.3	J C B	5.6	0.10
55312-69-1	PCB-86	9.1	J C	11	0.10
38380-02-8	PCB-87	9.1	J C86	11	0.10
55215-17-3	PCB-88	3.1	J C	3.7	0.13
73575-57-2	PCB-89	ND		1.9	0.12
68194-07-0	PCB-90	17	C B	5.6	0.11
68194-05-8	PCB-91	3.1	J C88	3.7	0.13
52663-61-3	PCB-92	7.5		1.9	0.13
73575-56-1	PCB-93	2.6	J C	3.7	0.13
73575-55-0	PCB-94	ND		1.9	0.15

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01 | Lab Sample ID: 140-34509-1

Matrix: PE | Lab File ID: 140-34509-a-1-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 19:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38379-99-6	PCB-95	12		1.9	0.13
73575-54-9	PCB-96	ND		1.9	0.091
41464-51-1	PCB-97	9.1	J C86	11	0.10
60233-25-2	PCB-98	ND	C	3.7	0.11
38380-01-7	PCB-99	9.0	C83	3.7	0.12
39485-83-1	PCB-100	2.6	J C93	3.7	0.13
37680-73-2	PCB-101	17	C90 B	5.6	0.11
68194-06-9	PCB-102	ND	C98	3.7	0.11
60145-21-3	PCB-103	ND		1.9	0.13
56558-16-8	PCB-104	1500		1.9	0.10
32598-14-4	PCB-105	2.9		1.9	0.14
70424-69-0	PCB-106	15		1.9	0.12
70424-68-9	PCB-107	0.83	J q	1.9	0.12
70362-41-3	PCB-108	0.49	J C	3.7	0.13
74472-35-8	PCB-109	9.1	J C86	11	0.10
38380-03-9	PCB-110	13	C B	3.7	0.077
39635-32-0	PCB-111	ND		1.9	0.086
74472-36-9	PCB-112	ND		1.9	0.074
68194-10-5	PCB-113	17	C90 B	5.6	0.11
74472-37-0	PCB-114	ND		1.9	0.13
74472-38-1	PCB-115	13	C110 B	3.7	0.077
18259-05-7	PCB-116	2.3	J C85 B	5.6	0.10
68194-11-6	PCB-117	2.3	J C85 B	5.6	0.10
31508-00-6	PCB-118	9.4		1.9	0.13
56558-17-9	PCB-119	9.1	J C86	11	0.10
68194-12-7	PCB-120	ND		1.9	0.069
56558-18-0	PCB-121	470		1.9	0.082
76842-07-4	PCB-122	ND		1.9	0.15
65510-44-3	PCB-123	ND		1.9	0.13
70424-70-3	PCB-124	0.49	J C108	3.7	0.13

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01 | Lab Sample ID: 140-34509-1

Matrix: PE | Lab File ID: 140-34509-a-1-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 19:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74472-39-2	PCB-125	9.1	J C86	11	0.10
57465-28-8	PCB-126	ND		1.9	0.12
39635-33-1	PCB-127	ND		1.9	0.12
38380-07-3	PCB-128	2.6	J C	3.7	0.16
55215-18-4	PCB-129	17	C	7.4	0.18
52663-66-8	PCB-130	0.95	J q	1.9	0.24
61798-70-7	PCB-131	ND		1.9	0.23
38380-05-1	PCB-132	7.0		1.9	0.22
35694-04-3	PCB-133	ND		1.9	0.20
52704-70-8	PCB-134	1.2	J q C	3.7	0.23
52744-13-5	PCB-135	3.9	C	3.7	0.013
38411-22-2	PCB-136	1.9	q	1.9	0.010
35694-06-5	PCB-137	0.98	J q	1.9	0.21
35065-28-2	PCB-138	17	C129	7.4	0.18
56030-56-9	PCB-139	ND	C	3.7	0.18
59291-64-4	PCB-140	ND	C139	3.7	0.18
52712-04-6	PCB-141	2.1	q	1.9	0.20
41411-61-4	PCB-142	400		1.9	0.23
68194-15-0	PCB-143	1.2	J q C134	3.7	0.23
68194-14-9	PCB-144	ND		1.9	0.013
74472-40-5	PCB-145	ND		1.9	0.0092
51908-16-8	PCB-146	1.7	J q	1.9	0.17
68194-13-8	PCB-147	11	C	3.7	0.18
74472-41-6	PCB-148	ND		1.9	0.013
38380-04-0	PCB-149	11	C147	3.7	0.18
68194-08-1	PCB-150	ND		1.9	0.0099
52663-63-5	PCB-151	3.9	C135	3.7	0.013
68194-09-2	PCB-152	0.94	J	1.9	0.0088
35065-27-1	PCB-153	11	C	3.7	0.15
60145-22-4	PCB-154	1.2	J q	1.9	0.012
33979-03-2	PCB-155	530		1.9	0.011
38380-08-4	PCB-156	1.5	J C	3.7	0.17

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01 | Lab Sample ID: 140-34509-1

Matrix: PE | Lab File ID: 140-34509-a-1-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 19:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
69782-90-7	PCB-157	1.5	J C156	3.7	0.17
74472-42-7	PCB-158	1.6	J	1.9	0.14
39635-35-3	PCB-159	2.0		1.9	0.12
41411-62-5	PCB-160	17	C129	7.4	0.18
74472-43-8	PCB-161	16		1.9	0.14
39635-34-2	PCB-162	ND		1.9	0.14
74472-44-9	PCB-163	17	C129	7.4	0.18
74472-45-0	PCB-164	1.1	J	1.9	0.14
74472-46-1	PCB-165	3.1	q	1.9	0.16
41411-63-6	PCB-166	2.6	J C128	3.7	0.16
52663-72-6	PCB-167	0.53	J	1.9	0.12
59291-65-5	PCB-168	11	C153	3.7	0.15
32774-16-6	PCB-169	ND		1.9	0.11
35065-30-6	PCB-170	ND		1.9	0.020
52663-71-5	PCB-171	ND	C	3.7	0.018
52663-74-8	PCB-172	ND		1.9	0.017
68194-16-1	PCB-173	ND	C171	3.7	0.018
38411-25-5	PCB-174	ND		1.9	0.016
40186-70-7	PCB-175	ND		1.9	0.018
52663-65-7	PCB-176	ND		1.9	0.013
52663-70-4	PCB-177	ND		1.9	0.017
52663-67-9	PCB-178	ND		1.9	0.018
52663-64-6	PCB-179	ND		1.9	0.011
35065-29-3	PCB-180	7.0	C	3.7	0.014
74472-47-2	PCB-181	ND		1.9	0.015
60145-23-5	PCB-182	ND		1.9	0.014
52663-69-1	PCB-183	ND	C	3.7	0.016
74472-48-3	PCB-184	780		1.9	0.012
52712-05-7	PCB-185	ND	C183	3.7	0.016
74472-49-4	PCB-186	ND		1.9	0.011
52663-68-0	PCB-187	ND		1.9	0.014

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01 | Lab Sample ID: 140-34509-1

Matrix: PE | Lab File ID: 140-34509-a-1-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 19:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74487-85-7	PCB-188	ND		1.9	0.012
39635-31-9	PCB-189	ND		1.9	0.077
41411-64-7	PCB-190	ND		1.9	0.012
74472-50-7	PCB-191	ND		1.9	0.012
74472-51-8	PCB-192	2100	B	1.9	0.011
69782-91-8	PCB-193	7.0	C180	3.7	0.014
35694-08-7	PCB-194	0.20	J q	1.9	0.048
52663-78-2	PCB-195	0.089	J q	1.9	0.054
42740-50-1	PCB-196	ND		1.9	0.057
33091-17-7	PCB-197	13		1.9	0.042
68194-17-2	PCB-198	ND	C	3.7	0.050
52663-75-9	PCB-199	ND	C198	3.7	0.050
52663-73-7	PCB-200	ND		1.9	0.046
40186-71-8	PCB-201	ND		1.9	0.046
2136-99-4	PCB-202	ND		1.9	0.044
52663-76-0	PCB-203	ND		1.9	0.046
74472-52-9	PCB-204	1300		1.9	0.040
74472-53-0	PCB-205	0.28	J q	1.9	0.040
40186-72-9	PCB-206	ND		1.9	0.19
52663-79-3	PCB-207	5.5		1.9	0.15
52663-77-1	PCB-208	ND		1.9	0.15
2051-24-3	PCB-209	6.8		1.9	0.032

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01 | Lab Sample ID: 140-34509-1

Matrix: PE | Lab File ID: 140-34509-a-1-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 19:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	94		30-140
208263-77-8	PCB-3L	86		30-140
234432-86-1	PCB-4L	94		30-140
208263-67-6	PCB-15L	85		30-140
234432-87-2	PCB-19L	93		30-140
208263-79-0	PCB-37L	87		30-140
234432-88-3	PCB-54L	92		30-140
105600-23-5	PCB-77L	88		30-140
208461-24-9	PCB-81L	89		30-140
234432-89-4	PCB-104L	100		30-140
208263-62-1	PCB-105L	96		30-140
208263-63-2	PCB-114L	97		30-140
104130-40-7	PCB-118L	101		30-140
208263-64-3	PCB-123L	101		30-140
208263-65-4	PCB-126L	99		30-140
234432-90-7	PCB-155L	100		30-140
208263-68-7	PCB-156L	89	C	30-140
235416-30-5	PCB-157L	89	C156	30-140
208263-69-8	PCB-167L	88		30-140
208263-70-1	PCB-169L	87		30-140
160901-80-4	PCB-170L	98		30-140
234432-91-8	PCB-188L	108		30-140
208263-73-4	PCB-189L	95		30-140
105600-26-8	PCB-202L	103		30-140
234446-64-1	PCB-205L	96		30-140
208263-75-6	PCB-206L	96		30-140
234432-92-9	PCB-208L	103		30-140
105600-27-9	PCB-209L	95		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d
Lims ID: 140-34509-A-1-B
Client ID: PW-01
Sample Type: Client
Inject. Date: 03-Jan-2024 19:31:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031071-008
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 00:27:32 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 00:27:32

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls							0.0247	0.0247		
D PCB-1L	11:40	6113098	3.11	1.3572	94.0	94.0	0.2616	0.2616	94.00	
D PCB-3L	13:50	5858673	3.29	1.4136	86.5	86.5	0.2512	0.2512	86.49	
PCB-1	11:44						0.0189	0.0189		
PCB-2	13:43						0.0209	0.0209		
PCB-3	13:54						0.0247	0.0247		
S Total Dichlorobiphenyls					274.0	273.9	0.0723	0.0723		RQ
D PCB-4L	14:05	2792971	1.56	0.6168	94.5	94.5	0.0896	0.0896	94.49	
* PCB-9L	16:03	4791904	1.58	2E+05	100.0	100.0				
D PCB-15L	19:59	4572021	1.62	1.1198	85.2	85.2	0.0494	0.0494	85.21	
PCB-4	14:05	16015	1.38	1.2801	0.4479	0.4479	0.0760	0.0760		M
PCB-10	14:20						0.0816	0.0816		
PCB-9	16:07						0.0690	0.0690		
PCB-7	16:17						0.0754	0.0754		
PCB-6	16:31						0.0630	0.0630		
PCB-5	16:49						0.0772	0.0772		
PCB-8	16:57						0.0619	0.0619		
PCB-14	18:31	12928317	1.60	1.2864	272.9	272.9	0.0732	0.0732		
PCB-11	19:21	30443	1.56	1.4418	0.6284	0.5734	0.0653	0.0653		RQM
PCB-12	19:44						0.0727	0.0727		
PCB-13 (C12)	19:44						0.0727	0.0727		
PCB-15	20:03						0.0802	0.0802		
S Total Trichlorobiphenyls					151.9	151.6	0.1485	0.1485		RQ
D PCB-19L	17:11	1884806	1.05	0.6075	93.2	93.2	0.6096	0.6096	93.24	
* PCB-32L	20:26	3327532	1.07	1.4E+05	100.0	100.0				
* PCB-31L	22:42	7962983	1.04	3.1E+05	100.0	100.0				
$ PCB-28L	23:03						0.1071	0.1071		
D PCB-37L	27:01	6177768	1.07	0.8960	86.6	86.6	0.1181	0.1181	86.59	
PCB-19	17:11	32426	1.04	1.2904	1.482	1.333	0.0447	0.0447		RQ
PCB-18	19:04	9457	1.04	1.8076	0.3647	0.2776	0.0319	0.0319		RQ
PCB-30 (C18)	19:04	9457	1.04	1.8076	0.3647	0.2776	0.0319	0.0319		RQ
PCB-17	19:29	27011	1.04	1.2151	1.292	1.179	0.0475	0.0475		RQ
PCB-27	19:42	18413	1.18	1.7146	0.5698	0.5698	0.0337	0.0337		
PCB-24	19:53						0.0325	0.0325		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:56	3996	0.94	1.2003	0.1766	0.1766	0.0481	0.0481		M
PCB-32	20:28	25944	1.05	1.9703	0.6986	0.6986	0.0293	0.0293		
PCB-34	21:46						0.2350	0.2350		
PCB-23	21:56						0.2296	0.2296		
PCB-26	22:15						0.2362	0.2362		
PCB-29 (C26)	22:15						0.2362	0.2362		
PCB-25	22:28						0.1825	0.1825		
PCB-31	22:44	40700	0.90	1.2369	0.5326	0.5326	0.1917	0.1917		
PCB-20	23:01	50687	1.13	1.1096	0.7394	0.7394	0.2137	0.2137		
PCB-28 (C20)	23:01	50687	1.13	1.1096	0.7394	0.7394	0.2137	0.2137		
PCB-21	23:15						0.2109	0.2109		
PCB-33 (C21)	23:15						0.2109	0.2109		
PCB-22	23:42						0.1972	0.1972		
PCB-36	25:13	11686840	1.02	1.2953	146.1	146.1	0.1831	0.1831		
PCB-39	25:38						0.2041	0.2041		
PCB-38	26:12						0.2017	0.2017		
PCB-35	26:40						0.2096	0.2096		
PCB-37	27:05						0.2071	0.2071		
S Total Tetrachlorobiphenyls					423.1	422.8	0.0214	0.0214		RQ
D PCB-54L	20:16	2072343	0.82	0.6773	92.0	92.0	0.0568	0.0568	91.95	
* PCB-52L	24:50	4270945	0.80	1.6E+05	100.0	100.0				
D PCB-81L	33:46	5138304	0.80	1.3497	89.1	89.1	0.1008	0.1008	89.14	
D PCB-77L	34:19	5352272	0.80	1.4256	87.9	87.9	0.0954	0.0954	87.91	
PCB-54	20:18	5519	0.77	1.2064	0.2925	0.2207	0.0140	0.0140		RQ
PCB-50	22:27	57641	0.77	0.7674	1.432	1.432	0.0276	0.0276		
PCB-53 (C50)	22:27	57641	0.77	0.7674	1.432	1.432	0.0276	0.0276		
PCB-45	23:12	72205	0.86	0.7052	1.952	1.952	0.0300	0.0300		
PCB-51 (C45)	23:12	72205	0.86	0.7052	1.952	1.952	0.0300	0.0300		
PCB-46	23:25	6906	0.77	0.5909	0.2529	0.2228	0.0359	0.0359		RQM
PCB-52	24:52	187806	0.87	0.8488	4.218	4.218	0.0250	0.0250		
PCB-43	25:00	53728	0.75	0.8936	1.146	1.146	0.0237	0.0237		M
PCB-73 (C43)	25:00	53728	0.75	0.8936	1.146	1.146	0.0237	0.0237		M
PCB-49	25:20	158289	0.82	0.8934	3.378	3.378	0.0237	0.0237		M
PCB-69 (C49)	25:20	158289	0.82	0.8934	3.378	3.378	0.0237	0.0237		M
PCB-48	25:38	15129	0.89	0.7506	0.3843	0.3843	0.0282	0.0282		M
PCB-44	25:48	963200	0.76	0.8388	21.9	21.9	0.0253	0.0253		M
PCB-47 (C44)	25:48	963200	0.76	0.8388	21.9	21.9	0.0253	0.0253		M
PCB-65 (C44)	25:48	963200	0.76	0.8388	21.9	21.9	0.0253	0.0253		M
PCB-59	26:14						0.0211	0.0211		
PCB-62 (C59)	26:14						0.0211	0.0211		
PCB-75 (C59)	26:14						0.0211	0.0211		
PCB-42	26:22	27734	0.77	0.6874	0.8266	0.7692	0.0308	0.0308		RQ
PCB-40	26:54	53170	0.77	0.7618	1.431	1.331	0.0278	0.0278		RQ
PCB-41 (C40)	26:54	53170	0.77	0.7618	1.431	1.331	0.0278	0.0278		RQ
PCB-71 (C40)	26:54	53170	0.77	0.7618	1.431	1.331	0.0278	0.0278		RQ
PCB-64	27:06	38209	0.67	1.0318	0.7060	0.7060	0.0205	0.0205		
PCB-72	27:58						0.0182	0.0182		
PCB-68	28:13	146726	0.85	1.1249	2.487	2.487	0.0188	0.0188		M
PCB-57	28:40						0.0191	0.0191		
PCB-58	28:55						0.0165	0.0165		
PCB-67	29:05						0.0160	0.0160		
PCB-63	29:21						0.0199	0.0199		
PCB-61	29:39	127361	0.81	1.1549	2.102	2.102	0.0183	0.0183		
PCB-70 (C61)	29:39	127361	0.81	1.1549	2.102	2.102	0.0183	0.0183		
PCB-74 (C61)	29:39	127361	0.81	1.1549	2.102	2.102	0.0183	0.0183		
PCB-76 (C61)	29:39	127361	0.81	1.1549	2.102	2.102	0.0183	0.0183		
PCB-66	29:59	64967	0.70	1.2325	1.005	1.005	0.0172	0.0172		
PCB-55	30:10						0.0167	0.0167		
PCB-56	30:39	16044	0.77	1.2161	0.2798	0.2515	0.0174	0.0174		RQM
PCB-60	30:54						0.0201	0.0201		
PCB-80	31:18						0.0166	0.0166		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:50						0.0147	0.0147		
PCB-78	33:21	24106515	0.79	1.2116	379.3	379.3	0.0175	0.0175		
PCB-81	33:49						0.0210	0.0210		
PCB-77	34:23						0.0201	0.0201		
S Total Pentachlorobiphenyls					1119.1	1119.0	0.0632	0.0632		RQ
D PCB-104L	25:46	3683038	1.59	1.1880	100.2	100.2	0.0619	0.0619	100	
* PCB-101L	31:41	3092898	1.62	1.2E+05	100.0	100.0				
$ PCB-111L	34:25						0.0623	0.0623		
D PCB-123L	36:19	5065325	1.57	0.9399	101.5	101.5	0.8581	0.8581	101	
D PCB-118L	36:39	5263894	1.61	0.9794	101.2	101.2	0.8235	0.8235	101	
D PCB-114L	37:11	5024009	1.61	0.9767	96.8	96.8	0.8257	0.8257	96.85	
D PCB-105L	37:49	4910362	1.60	0.9600	96.3	96.3	0.8401	0.8401	96.30	
* PCB-127L	39:18	5311218	1.55	2.1E+05	100.0	100.0				
D PCB-126L	40:55	4998754	1.59	0.9554	98.5	98.5	0.8441	0.8441	98.51	
PCB-104	25:48	29890322	1.59	1.0054	807.2	807.2	0.0563	0.0563		
PCB-96	26:13						0.0492	0.0492		
PCB-103	28:09						0.0680	0.0680		
PCB-94	28:22						0.0815	0.0815		
PCB-95	28:46	184023	1.75	0.7922	6.307	6.307	0.0715	0.0715		
PCB-93	28:59	41016	1.41	0.7830	1.422	1.422	0.0723	0.0723		M
PCB-100 (C93)	28:59	41016	1.41	0.7830	1.422	1.422	0.0723	0.0723		M
PCB-98	29:11						0.0617	0.0617		
PCB-102 (C98)	29:11						0.0617	0.0617		
PCB-88	29:38	49357	1.42	0.8023	1.670	1.670	0.0706	0.0706		M
PCB-91 (C88)	29:38	49357	1.42	0.8023	1.670	1.670	0.0706	0.0706		M
PCB-84	29:52	47740	1.43	0.6855	1.891	1.891	0.0826	0.0826		M
PCB-89	30:22						0.0667	0.0667		
PCB-121	30:45	11984633	1.58	1.2839	253.5	253.5	0.0441	0.0441		
PCB-92	31:07	116982	1.55	0.7805	4.069	4.069	0.0725	0.0725		
PCB-90	31:43	314863	1.78	0.9542	8.959	8.959	0.0593	0.0593		
PCB-101 (C90)	31:43	314863	1.78	0.9542	8.959	8.959	0.0593	0.0593		
PCB-113 (C90)	31:43	314863	1.78	0.9542	8.959	8.959	0.0593	0.0593		
PCB-83	32:18	158838	1.48	0.8851	4.872	4.872	0.0640	0.0640		
PCB-99 (C83)	32:18	158838	1.48	0.8851	4.872	4.872	0.0640	0.0640		
PCB-112	32:27						0.0400	0.0400		
PCB-86	32:53	186445	1.62	1.0283	4.923	4.923	0.0551	0.0551		M
PCB-87 (C86)	32:53	186445	1.62	1.0283	4.923	4.923	0.0551	0.0551		M
PCB-97 (C86)	32:53	186445	1.62	1.0283	4.923	4.923	0.0551	0.0551		M
PCB-109 (C86)	32:53	186445	1.62	1.0283	4.923	4.923	0.0551	0.0551		M
PCB-119 (C86)	32:53	186445	1.62	1.0283	4.923	4.923	0.0551	0.0551		M
PCB-125 (C86)	32:53	186445	1.62	1.0283	4.923	4.923	0.0551	0.0551		M
PCB-85	33:31	47187	1.41	1.0238	1.251	1.251	0.0553	0.0553		M
PCB-116 (C85)	33:31	47187	1.41	1.0238	1.251	1.251	0.0553	0.0553		M
PCB-117 (C85)	33:31	47187	1.41	1.0238	1.251	1.251	0.0553	0.0553		M
PCB-110	33:41	341594	1.52	1.3556	6.842	6.842	0.0418	0.0418		
PCB-115 (C110)	33:41	341594	1.52	1.3556	6.842	6.842	0.0418	0.0418		
PCB-82	34:00	15848	1.55	0.8520	0.6171	0.5051	0.0665	0.0665		RQM
PCB-111	34:26						0.0463	0.0463		
PCB-120	34:54						0.0374	0.0374		
PCB-108	36:01	14467	1.51	1.0910	0.2625	0.2625	0.0699	0.0699		M
PCB-124 (C108)	36:01	14467	1.51	1.0910	0.2625	0.2625	0.0699	0.0699		M
PCB-107	36:14	27138	1.55	1.2004	0.4810	0.4474	0.0636	0.0636		RQM
PCB-123	36:19	2550	1.55	1.0447	0.0550	0.0482	0.0714	0.0714		RQMa
PCB-106	36:29	487346	1.57	1.1708	8.239	8.239	0.0652	0.0652		M
PCB-118	36:41	274514	1.58	1.0261	5.083	5.083	0.0712	0.0712		
PCB-122	37:03						0.0824	0.0824		
PCB-114	37:15						0.0685	0.0685		
PCB-105	37:52	81730	1.63	1.0755	1.548	1.548	0.0746	0.0746		
PCB-127	39:22						0.0645	0.0645		
PCB-126	40:58						0.0646	0.0646		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					547.8	546.9	0.0694	0.0694		RQ
D PCB-155L	31:27	3507463	1.29	1.1357	99.9	99.9	0.0218	0.0218	99.85	
* PCB-138L	39:46	4030055	1.29	1.5E+05	100.0	100.0				
D PCB-167L	42:47	4486863	1.26	1.2662	87.9	87.9	0.4440	0.4440	87.93	
D PCB-156L	43:56	9013326	1.29	1.2515	178.7	178.7	0.4492	0.4492	89.35	
D PCB-157L (C156L)	43:56	9013326	1.29	1.2515	178.7	178.7	0.4492	0.4492	89.35	
D PCB-169L	47:10	4560384	1.27	1.3070	86.6	86.6	0.4301	0.4301	86.58	
PCB-155	31:28	9286845	1.26	0.9289	285.1	285.1	0.005732	0.005732		M
PCB-152	31:41	19957	1.30	1.1242	0.5061	0.5061	0.004736	0.004736		Ma
PCB-150	31:53						0.005342	0.005342		
PCB-136	32:12	34937	1.24	0.9632	1.182	1.034	0.005528	0.005528		RQ
PCB-145	32:33						0.004941	0.004941		
PCB-148	34:03						0.007218	0.007218		
PCB-135	34:36	55200	1.23	0.7414	2.123	2.123	0.007181	0.007181		M
PCB-151 (C135)	34:36	55200	1.23	0.7414	2.123	2.123	0.007181	0.007181		M
PCB-154	34:51	18787	1.24	0.8223	0.7087	0.6514	0.006475	0.006475		RQ
PCB-144	35:12						0.007223	0.007223		
PCB-147	35:32	238662	1.25	0.8634	6.122	6.122	0.0969	0.0969		
PCB-149 (C147)	35:32	238662	1.25	0.8634	6.122	6.122	0.0969	0.0969		
PCB-134	35:44	19773	1.24	0.6812	0.7155	0.6429	0.1229	0.1229		RQa
PCB-143 (C134)	35:44	19773	1.24	0.6812	0.7155	0.6429	0.1229	0.1229		RQa
PCB-139	36:10						0.0999	0.0999		
PCB-140 (C139)	36:10						0.0999	0.0999		
PCB-131	36:22						0.1221	0.1221		
PCB-142	36:29	6519785	1.27	0.6760	213.6	213.6	0.1238	0.1238		
PCB-132	36:48	120328	1.15	0.7063	3.773	3.773	0.1185	0.1185		M
PCB-133	37:20						0.1077	0.1077		
PCB-165	37:41	72597	1.24	0.9584	1.845	1.678	0.0873	0.0873		RQ
PCB-146	37:56	37634	1.24	0.9163	1.069	0.9096	0.0913	0.0913		RQ
PCB-161	38:04	448302	1.24	1.1406	8.705	8.705	0.0734	0.0734		
PCB-153	38:33	277489	1.18	1.0468	5.871	5.871	0.0799	0.0799		
PCB-168 (C153)	38:33	277489	1.18	1.0468	5.871	5.871	0.0799	0.0799		
PCB-141	38:45	39313	1.24	0.7580	1.302	1.149	0.1104	0.1104		RQ
PCB-130	39:08	14661	1.24	0.6356	0.6025	0.5108	0.1317	0.1317		RQ
PCB-137	39:23	18019	1.24	0.7533	0.5821	0.5297	0.1111	0.1111		RQ
PCB-164	39:29	29446	1.24	1.1173	0.5837	0.5837	0.0749	0.0749		
PCB-129	39:48	361334	1.21	0.8826	9.067	9.067	0.0948	0.0948		
PCB-138 (C129)	39:48	361334	1.21	0.8826	9.067	9.067	0.0948	0.0948		
PCB-160 (C129)	39:48	361334	1.21	0.8826	9.067	9.067	0.0948	0.0948		
PCB-163 (C129)	39:48	361334	1.21	0.8826	9.067	9.067	0.0948	0.0948		
PCB-158	40:11	43570	1.11	1.1331	0.8516	0.8516	0.0739	0.0739		
PCB-128	41:03	59253	1.41	0.9522	1.378	1.378	0.0879	0.0879		
PCB-166 (C128)	41:03	59253	1.41	0.9522	1.378	1.378	0.0879	0.0879		
PCB-159	42:02	62306	1.29	1.3072	1.056	1.056	0.0640	0.0640		
PCB-162	42:22						0.0765	0.0765		
PCB-167	42:49	14257	1.12	1.1098	0.2863	0.2863	0.0641	0.0641		
PCB-156	43:55	40249	1.33	1.0713	0.8337	0.8337	0.0924	0.0924		M
PCB-157 (C156)	43:55	40249	1.33	1.0713	0.8337	0.8337	0.0924	0.0924		M
PCB-169	47:14						0.0603	0.0603		
S Total Heptachlorobiphenyls					1559.2	1559.2	0.009449	0.009449		
D PCB-188L	37:11	4006894	1.07	1.2605	108.2	108.2	0.0260	0.0260	108	
$ PCB-178L	40:17						0.0391	0.0391		
* PCB-180L	45:19	2937614	1.09	1.2E+05	100.0	100.0				
D PCB-170L	46:34	2459675	1.08	0.8524	98.2	98.2	0.0384	0.0384	98.23	
D PCB-189L	49:42	5375552	1.06	1.4740	95.2	95.2	1.020	1.020	95.22	
PCB-188	37:15						0.006440	0.006440		
PCB-179	37:35						0.006115	0.006115		
PCB-184	38:04	17599776	1.06	1.2996	418.8	418.8	0.006592	0.006592		
PCB-176	38:28						0.007147	0.007147		
PCB-186	38:55						0.005822	0.005822		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:18						0.009720	0.009720		
PCB-175	40:56						0.009476	0.009476		
PCB-187	41:12						0.007434	0.007434		
PCB-182	41:24						0.007751	0.007751		
PCB-183	41:48						0.008817	0.008817		
PCB-185 (C183)	41:48						0.008817	0.008817		
PCB-174	42:03						0.008583	0.008583		
PCB-177	42:29						0.008912	0.008912		
PCB-181	42:53						0.008100	0.008100		
PCB-171	43:05						0.009556	0.009556		
PCB-173 (C171)	43:05						0.009556	0.009556		
PCB-172	44:44						0.009228	0.009228		
PCB-192	44:58	51926911	1.06	1.4131	1136.6	1136.6	0.006062	0.006062		
PCB-180	45:20	142050	0.96	1.1677	3.762	3.762	0.007336	0.007336		
PCB-193 (C180)	45:20	142050	0.96	1.1677	3.762	3.762	0.007336	0.007336		
PCB-191	45:44						0.006746	0.006746		
PCB-170	46:38						0.0106	0.0106		
PCB-190	47:10						0.006588	0.006588		
PCB-189	49:44						0.0414	0.0414		RQU
S Total Octachlorobiphenyls					688.6	688.5	0.0252	0.0252		RQ
D PCB-202L	42:33	3154768	0.91	1.0390	103.4	103.4	0.0406	0.0406	103	
* PCB-194L	51:48	3829945	0.91	1.5E+05	100.0	100.0				
D PCB-205L	52:17	4492006	0.90	1.2166	96.4	96.4	0.7275	0.7275	96.41	
PCB-202	42:37						0.0239	0.0239		
PCB-201	43:32						0.0251	0.0251		
PCB-204	44:10	23900345	0.90	1.1119	681.4	681.4	0.0216	0.0216		
PCB-197	44:24	227675	0.83	1.0487	6.882	6.882	0.0229	0.0229		M
PCB-200	44:32						0.0249	0.0249		
PCB-198	47:19						0.0272	0.0272		
PCB-199 (C198)	47:19						0.0272	0.0272		
PCB-196	48:00						0.0305	0.0305		
PCB-203	48:12						0.0248	0.0248		
PCB-195	49:29	1789	0.89	0.8289	0.0597	0.0480	0.0290	0.0290		RQM
PCB-194	51:50	4517	0.89	0.9255	0.1492	0.1086	0.0260	0.0260		RQ
PCB-205	52:18	7524	0.89	1.1267	0.1751	0.1487	0.0213	0.0213		RQM
S Total Nonachlorobiphenyls					2.968	2.968	0.0873	0.0873		
D PCB-208L	49:14	4053816	0.81	1.0234	103.4	103.4	0.9637	0.9637	103	
D PCB-206L	54:02	2693701	0.81	0.7298	96.4	96.4	1.351	1.351	96.37	
PCB-208	49:18						0.0802	0.0802		
PCB-207	50:11	123437	0.89	1.2328	2.968	2.968	0.0816	0.0816		
PCB-206	54:05						0.1001	0.1001		
D PCB-209L	55:40	2762428	0.72	0.7565	95.3	95.3	0.0577	0.0577	95.34	
DCB Decachlorobiphenyl	55:42	105517	0.73	1.0418	3.666	3.666	0.0173	0.0173		
S Polychlorinated biphenyls, Total					4770.4	3.666	0.0571	0.0571		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d
Lims ID: 140-34509-A-1-B
Client ID: PW-01
Sample Type: Client
Inject. Date: 03-Jan-2024 19:31:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031071-008
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 00:27:32 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 00:27:32

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:40	11:41	-3	0.727	4624003	1625673	1022	2555	1591		
202.0766	11:40	11:41	-3	0.727	1489095	515222	782	1955	659	3.11(2.66-3.60)	
PCB-3L											
200.0795	13:50	13:51	-4	0.862	4493573	1246152	1022	2555	1219		
202.0766	13:50	13:51	-4	0.862	1365100	382043	782	1955	489	3.29(2.66-3.60)	
PCB-1											
188.0393	11:41						140	350			
190.0363	11:41						59	147			
PCB-2											
188.0393	13:39						140	350			
190.0363	13:39						59	147			
PCB-3											
188.0393	13:50						140	350			
190.0363	13:50						59	147			
PCB-4L											
234.0406	14:05	14:05	-3	0.877	1704026	518800	209	522	2482		
236.0376	14:05	14:05	-3	0.877	1088945	330770	72	180	4594	1.56(1.33-1.79)	
PCB-9L											
234.0406	16:03	16:06	-3		2938007	776843	209	522	3717		
236.0376	16:03	16:06	-3		1853897	493321	72	180	6852	1.58(1.33-1.79)	
PCB-15L											
234.0406	19:59	19:58	-3	1.245	2824776	563245	209	522	2695		
236.0376	19:58	19:58	-4	1.244	1747245	343183	72	180	4766	1.62(1.33-1.79)	
PCB-4											M
222.0003	14:05	14:05	-4	1.001	9284	2753	170	425	16		M
223.9974	14:05	14:05	-4	1.001	6731	2178	161	402	14	1.38(1.33-1.79)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-10											
222.0003	14:16						170	425			
223.9974	14:16						161	402			
PCB-9											
222.0003	16:03						170	425			
223.9974	16:03						161	402			
PCB-7											
222.0003	16:13						170	425			
223.9974	16:13						161	402			
PCB-6											
222.0003	16:27						170	425			
223.9974	16:27						161	402			
PCB-5											
222.0003	16:45						170	425			
223.9974	16:45						161	402			
PCB-8											
222.0003	16:53						170	425			
223.9974	16:53						161	402			
PCB-14											
222.0003	18:31	18:31	-4	0.927	7950776	1842440	170	425	10838		
223.9974	18:31	18:31	-4	0.927	4977541	1162745	161	402	7222	1.60(1.33-1.79)	
PCB-11											RQM
222.0003	19:21	19:21	-5	0.968	21473	2662	170	425	16		
	Empc Correction				18551	2931	170	425	17		
223.9974	19:21	19:21	-4	0.969	11892	1879	161	402	12	1.81(1.33-1.79)	M
PCB-12											
222.0003	19:39						170	425			
223.9974	19:39						161	402			
PCB-13 (C12)											
222.0003	19:39						170	425			
223.9974	19:39						161	402			
PCB-15											
222.0003	19:59						170	425			
223.9974	19:59						161	402			
PCB-19L											
268.0016	17:11	17:11	-3	0.840	965881	243530	846	2115	288		
269.9986	17:11	17:11	-3	0.840	918925	236491	270	675	876	1.05(0.88-1.20)	
PCB-32L											
268.0016	20:26	20:29	-3		1721487	388806	846	2115	460		
269.9986	20:26	20:29	-3		1606045	364617	270	675	1350	1.07(0.88-1.20)	
PCB-31L											
268.0016	22:42	22:45	-3		4058963	862541	380	950	2270		
269.9986	22:42	22:45	-3		3904020	843570	342	855	2467	1.04(0.88-1.20)	
PCB-28L											
268.0016	23:00						380	950			
269.9986	23:00						342	855			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-37L											
268.0016	27:01	27:00	-3	1.190	3194113	578188	380	950	1522		
269.9986	27:01	27:00	-3	1.190	2983655	546514	342	855	1598	1.07(0.88-1.20)	
PCB-19											RQ
255.9613	17:11	17:12	-4	1.001	16531	4085	32	80	128		
257.9584	17:12	17:12	-3	1.002	19506	5380	79	197	68	0.85(0.88-1.20)	
	Empc Correction				15895	3927	79	197	50		
PCB-18											RQ
255.9613	19:04	19:02	-2	1.110	7790	2040	32	80	64		
	Empc Correction				4821	876	32	80	27		
257.9584	19:04	19:02	-2	1.110	4636	843	79	197	11	1.68(0.88-1.20)	
PCB-30 (C18)											RQ
255.9613	19:04	19:02	-2	1.110	7790	2040	32	80	64		
	Empc Correction				4821	876	32	80	27		
257.9584	19:04	19:02	-2	1.110	4636	843	79	197	11	1.68(0.88-1.20)	
PCB-17											RQ
255.9613	19:29	19:28	-3	1.134	16355	4290	32	80	134		
	Empc Correction				13770	3589	32	80	112		
257.9584	19:29	19:28	-3	1.134	13241	3451	79	197	44	1.24(0.88-1.20)	
PCB-27											
255.9613	19:42	19:41	-3	1.147	9955	2285	32	80	71		
257.9584	19:40	19:41	-5	1.145	8458	1896	79	197	24	1.18(0.88-1.20)	
PCB-24											
255.9613	19:49						32	80			
257.9584	19:49						79	197			
PCB-16											M
255.9613	19:56	20:01	-3	1.161	1934	357	32	80	11		
257.9584	20:01	20:01	1	1.165	2062	321	79	197	4	0.94(0.88-1.20)	M
PCB-32											
255.9613	20:28	20:26	-3	1.191	13277	3065	32	80	96		
257.9584	20:28	20:26	-3	1.191	12667	3368	79	197	43	1.05(0.88-1.20)	
PCB-34											
255.9613	21:42						477	1192			
257.9584	21:42						590	1475			
PCB-23											
255.9613	21:51						477	1192			
257.9584	21:51						590	1475			
PCB-26											
255.9613	22:10						477	1192			
257.9584	22:10						590	1475			
PCB-29 (C26)											
255.9613	22:10						477	1192			
257.9584	22:10						590	1475			
PCB-25											
255.9613	22:25						477	1192			
257.9584	22:25						590	1475			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31											
255.9613	22:44	22:43	-3	0.841	19333	4636	477	1192	10		
257.9584	22:44	22:43	-3	0.841	21367	5128	590	1475	9	0.90(0.88-1.20)	
PCB-20											
255.9613	23:01	23:02	-5	0.852	26925	5832	477	1192	12		
257.9584	23:01	23:02	-4	0.852	23762	6187	590	1475	10	1.13(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:01	23:02	-5	0.852	26925	5832	477	1192	12		
257.9584	23:01	23:02	-4	0.852	23762	6187	590	1475	10	1.13(0.88-1.20)	
PCB-21											
255.9613	23:13						477	1192			
257.9584	23:13						590	1475			
PCB-33 (C21)											
255.9613	23:13						477	1192			
257.9584	23:13						590	1475			
PCB-22											
255.9613	23:39						477	1192			
257.9584	23:39						590	1475			
PCB-36											
255.9613	25:13	25:12	-3	0.933	5890500	1192505	477	1192	2500		
257.9584	25:13	25:12	-3	0.933	5796340	1171015	590	1475	1985	1.02(0.88-1.20)	
PCB-39											
255.9613	25:35						477	1192			
257.9584	25:35						590	1475			
PCB-38											
255.9613	26:09						477	1192			
257.9584	26:09						590	1475			
PCB-35											
255.9613	26:37						477	1192			
257.9584	26:37						590	1475			
PCB-37											
255.9613	27:02						477	1192			
257.9584	27:02						590	1475			
PCB-54L											
301.9626	20:16	20:16	-3	0.816	932763	217977	69	172	3159		
303.9597	20:16	20:16	-3	0.816	1139580	267977	47	117	5702	0.82(0.65-0.89)	
PCB-52L											
301.9626	24:50	24:53	-2		1896981	403109	266	665	1515		
303.9597	24:50	24:53	-2		2373964	508402	230	575	2210	0.80(0.65-0.89)	
PCB-81L											
301.9626	33:46	33:44	-2	1.360	2280151	406957	266	665	1530		
303.9597	33:46	33:44	-3	1.359	2858153	509869	230	575	2217	0.80(0.65-0.89)	
PCB-77L											
301.9626	34:19	34:18	-3	1.382	2381212	406925	266	665	1530		
303.9597	34:19	34:18	-3	1.382	2971060	516893	230	575	2247	0.80(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-54											RQ
289.9224	20:18	20:20	-2	1.000	2401	883	15	37	59		
291.9194	20:16	20:20	-4	0.998	4913	1342	18	45	75	0.49(0.65-0.89)	
	Empc Correction				3118	1146	18	45	64		
PCB-50											
289.9224	22:27	22:27	-4	1.108	25115	6380	29	72	220		
291.9194	22:28	22:27	-2	1.109	32526	6073	49	122	124	0.77(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:27	22:27	-4	1.108	25115	6380	29	72	220		
291.9194	22:28	22:27	-2	1.109	32526	6073	49	122	124	0.77(0.65-0.89)	
PCB-45											
289.9224	23:12	23:10	-2	1.145	33283	7035	29	72	243		
291.9194	23:11	23:10	-3	1.144	38922	8558	49	122	175	0.86(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:12	23:10	-2	1.145	33283	7035	29	72	243		
291.9194	23:11	23:10	-3	1.144	38922	8558	49	122	175	0.86(0.65-0.89)	
PCB-46											RQM
289.9224	23:25	23:26	-4	1.156	3937	915	29	72	32		M
	Empc Correction				3004	537	29	72	19		
291.9194	23:26	23:26	-3	1.156	3902	698	49	122	14	1.01(0.65-0.89)	M
PCB-52											
289.9224	24:52	24:50	-2	1.227	87312	18877	29	72	651		
291.9194	24:51	24:50	-3	1.227	100494	22175	49	122	453	0.87(0.65-0.89)	
PCB-43											M
289.9224	25:00	25:05	-2	1.234	23061	4594	29	72	158		
291.9194	25:00	25:05	-2	1.234	30667	6396	49	122	131	0.75(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:00	25:05	-2	1.234	23061	4594	29	72	158		
291.9194	25:00	25:05	-2	1.234	30667	6396	49	122	131	0.75(0.65-0.89)	M
PCB-49											M
289.9224	25:20	25:20	-2	1.250	71374	14162	29	72	488		
291.9194	25:20	25:20	-2	1.250	86915	18836	49	122	384	0.82(0.65-0.89)	M
PCB-69 (C49)											M
289.9224	25:20	25:20	-2	1.250	71374	14162	29	72	488		
291.9194	25:20	25:20	-2	1.250	86915	18836	49	122	384	0.82(0.65-0.89)	M
PCB-48											M
289.9224	25:38	25:36	-2	1.265	7143	1720	29	72	59		M
291.9194	25:36	25:36	-4	1.264	7986	1616	49	122	33	0.89(0.65-0.89)	M
PCB-44											M
289.9224	25:48	25:48	-7	1.273	415208	63087	29	72	2175		M
291.9194	25:48	25:48	-7	1.273	547992	77898	49	122	1590	0.76(0.65-0.89)	M
PCB-47 (C44)											M
289.9224	25:48	25:48	-7	1.273	415208	63087	29	72	2175		M
291.9194	25:48	25:48	-7	1.273	547992	77898	49	122	1590	0.76(0.65-0.89)	M
PCB-65 (C44)											M
289.9224	25:48	25:48	-7	1.273	415208	63087	29	72	2175		M
291.9194	25:48	25:48	-7	1.273	547992	77898	49	122	1590	0.76(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-59											
289.9224	26:10						29	72			
291.9194	26:10						49	122			
PCB-62 (C59)											
289.9224	26:10						29	72			
291.9194	26:10						49	122			
PCB-75 (C59)											
289.9224	26:10						29	72			
291.9194	26:10						49	122			
PCB-42											RQ
289.9224	26:22	26:21	-3	1.302	14137	2470	29	72	85		
	Empc Correction				12065	2008	29	72	69		
291.9194	26:22	26:21	-4	1.301	15669	2609	49	122	53	0.90(0.65-0.89)	
PCB-40											RQ
289.9224	26:54	26:52	-1	1.327	27158	4449	29	72	153		
	Empc Correction				23130	4781	29	72	165		
291.9194	26:53	26:52	-2	1.327	30040	6210	49	122	127	0.90(0.65-0.89)	
PCB-41 (C40)											RQ
289.9224	26:54	26:52	-1	1.327	27158	4449	29	72	153		
	Empc Correction				23130	4781	29	72	165		
291.9194	26:53	26:52	-2	1.327	30040	6210	49	122	127	0.90(0.65-0.89)	
PCB-71 (C40)											RQ
289.9224	26:54	26:52	-1	1.327	27158	4449	29	72	153		
	Empc Correction				23130	4781	29	72	165		
291.9194	26:53	26:52	-2	1.327	30040	6210	49	122	127	0.90(0.65-0.89)	
PCB-64											
289.9224	27:06	27:04	-2	1.338	15292	3154	29	72	109		
291.9194	27:05	27:04	-3	1.337	22917	4327	49	122	88	0.67(0.65-0.89)	
PCB-72											
289.9224	27:56						29	72			
291.9194	27:56						49	122			
PCB-68											M
289.9224	28:13	28:13	-2	0.835	67277	13486	29	72	465		M
291.9194	28:14	28:13	-1	0.836	79449	15991	49	122	326	0.85(0.65-0.89)	
PCB-57											
289.9224	28:38						29	72			
291.9194	28:38						49	122			
PCB-58											
289.9224	28:53						29	72			
291.9194	28:53						49	122			
PCB-67											
289.9224	29:03						29	72			
291.9194	29:03						49	122			
PCB-63											
289.9224	29:19						29	72			
291.9194	29:19						49	122			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-61											
289.9224	29:39	29:38	-2	0.878	57030	9192	29	72	317		
291.9194	29:38	29:38	-3	0.877	70331	10590	49	122	216	0.81(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:39	29:38	-2	0.878	57030	9192	29	72	317		
291.9194	29:38	29:38	-3	0.877	70331	10590	49	122	216	0.81(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:39	29:38	-2	0.878	57030	9192	29	72	317		
291.9194	29:38	29:38	-3	0.877	70331	10590	49	122	216	0.81(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:39	29:38	-2	0.878	57030	9192	29	72	317		
291.9194	29:38	29:38	-3	0.877	70331	10590	49	122	216	0.81(0.65-0.89)	
PCB-66											
289.9224	29:59	29:57	-1	0.888	26670	3931	29	72	136		
291.9194	29:58	29:57	-2	0.887	38297	6630	49	122	135	0.70(0.65-0.89)	
PCB-55											
289.9224	30:08						29	72			
291.9194	30:08						49	122			
PCB-56											RQM
289.9224	30:39	30:39	-1	0.908	6980	1715	29	72	59		M
291.9194	30:39	30:39	-1	0.908	10870	2802	49	122	57	0.64(0.65-0.89)	M
	Empc Correction				9064	2227	49	122	45		
PCB-60											
289.9224	30:52						29	72			
291.9194	30:52						49	122			
PCB-80											
289.9224	31:16						29	72			
291.9194	31:16						49	122			
PCB-79											
289.9224	32:47						29	72			
291.9194	32:47						49	122			
PCB-78											
289.9224	33:21	33:20	-2	0.988	10631417	1929101	29	72	66521		
291.9194	33:21	33:20	-2	0.988	13475098	2451092	49	122	50022	0.79(0.65-0.89)	
PCB-81											
289.9224	33:46						29	72			
291.9194	33:46						49	122			
PCB-77											
289.9224	34:20						29	72			
291.9194	34:20						49	122			
PCB-104L											
337.9207	25:46	25:46	-2	0.813	2260619	480622	125	312	3845		
339.9178	25:46	25:46	-2	0.813	1422419	305384	56	140	5453	1.59(1.32-1.78)	
PCB-101L											
337.9207	31:41	31:44	-2		1911433	378302	125	312	3026		
339.9178	31:41	31:44	-2		1181465	236237	56	140	4219	1.62(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-111L											
337.9207	34:22						125	312			
339.9178	34:22						56	140			
PCB-123L											
337.9207	36:19	36:18	-2	1.146	3091243	585731	1980	4950	296		
339.9178	36:19	36:18	-2	1.146	1974082	369284	1178	2945	313	1.57(1.32-1.78)	
PCB-118L											
337.9207	36:39	36:38	-2	1.157	3244049	600237	1980	4950	303		
339.9178	36:39	36:38	-2	1.157	2019845	374448	1178	2945	318	1.61(1.32-1.78)	
PCB-114L											
337.9207	37:11	37:09	-2	1.173	3095565	584852	1980	4950	295		
339.9178	37:11	37:09	-2	1.173	1928444	366861	1178	2945	311	1.61(1.32-1.78)	
PCB-105L											
337.9207	37:49	37:48	-3	1.194	3025303	540008	1980	4950	273		
339.9178	37:49	37:48	-3	1.194	1885059	346824	1178	2945	294	1.60(1.32-1.78)	
PCB-127L											
337.9207	39:18	39:21	-2		3227947	591386	1980	4950	299		
339.9178	39:18	39:21	-2		2083271	387495	1178	2945	329	1.55(1.32-1.78)	
PCB-126L											
337.9207	40:55	40:53	-3	1.291	3066592	549949	1980	4950	278		
339.9178	40:55	40:53	-3	1.291	1932162	347716	1178	2945	295	1.59(1.32-1.78)	
PCB-104											
325.8804	25:48	25:47	-2	1.001	18328445	3963705	124	310	31965		
327.8775	25:48	25:47	-2	1.001	11561877	2514642	54	135	46567	1.59(1.32-1.78)	
PCB-96											
325.8804	26:10						124	310			
327.8775	26:10						54	135			
PCB-103											
325.8804	28:06						124	310			
327.8775	28:06						54	135			
PCB-94											
325.8804	28:19						124	310			
327.8775	28:19						54	135			
PCB-95											
325.8804	28:46	28:46	-3	1.116	117010	22771	124	310	184		
327.8775	28:45	28:46	-4	1.116	67013	12297	54	135	228	1.75(1.32-1.78)	
PCB-93											M
325.8804	28:59	28:59	-3	1.125	24005	4514	124	310	36		M
327.8775	28:59	28:59	-3	1.125	17011	3134	54	135	58	1.41(1.32-1.78)	M
PCB-100 (C93)											M
325.8804	28:59	28:59	-3	1.125	24005	4514	124	310	36		M
327.8775	28:59	28:59	-3	1.125	17011	3134	54	135	58	1.41(1.32-1.78)	M
PCB-98											
325.8804	29:08						124	310			
327.8775	29:08						54	135			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-102 (C98)											
325.8804	29:08						124	310			
327.8775	29:08						54	135			
PCB-88											M
325.8804	29:38	29:38	-2	1.150	28936	5551	124	310	45		M
327.8775	29:38	29:38	-2	1.150	20421	4055	54	135	75	1.42(1.32-1.78)	M
PCB-91 (C88)											M
325.8804	29:38	29:38	-2	1.150	28936	5551	124	310	45		M
327.8775	29:38	29:38	-2	1.150	20421	4055	54	135	75	1.42(1.32-1.78)	M
PCB-84											M
325.8804	29:52	29:52	-2	1.159	28120	5608	124	310	45		M
327.8775	29:50	29:52	-4	1.158	19620	3546	54	135	66	1.43(1.32-1.78)	M
PCB-89											
325.8804	30:20						124	310			
327.8775	30:20						54	135			
PCB-121											
325.8804	30:45	30:45	-2	1.193	7335091	1462758	124	310	11796		
327.8775	30:45	30:45	-2	1.193	4649542	923142	54	135	17095	1.58(1.32-1.78)	
PCB-92											
325.8804	31:07	31:08	-3	0.857	71129	8731	124	310	70		
327.8775	31:08	31:08	-2	0.857	45853	6882	54	135	127	1.55(1.32-1.78)	
PCB-90											
325.8804	31:43	31:40	-1	1.231	201444	37268	124	310	301		
327.8775	31:43	31:40	-1	1.231	113419	20141	54	135	373	1.78(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:43	31:40	-1	1.231	201444	37268	124	310	301		
327.8775	31:43	31:40	-1	1.231	113419	20141	54	135	373	1.78(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:43	31:40	-1	1.231	201444	37268	124	310	301		
327.8775	31:43	31:40	-1	1.231	113419	20141	54	135	373	1.78(1.32-1.78)	
PCB-83											
325.8804	32:18	32:16	-2	1.253	94712	15381	124	310	124		
327.8775	32:17	32:16	-2	1.253	64126	10090	54	135	187	1.48(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:18	32:16	-2	1.253	94712	15381	124	310	124		
327.8775	32:17	32:16	-2	1.253	64126	10090	54	135	187	1.48(1.32-1.78)	
PCB-112											
325.8804	32:24						124	310			
327.8775	32:24						54	135			
PCB-86											M
325.8804	32:53	32:53	5	1.276	115244	11289	124	310	91		M
327.8775	32:53	32:53	4	1.276	71201	6829	54	135	126	1.62(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:53	32:53	5	1.276	115244	11289	124	310	91		M
327.8775	32:53	32:53	4	1.276	71201	6829	54	135	126	1.62(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-97 (C86)											M
325.8804	32:53	32:53	5	1.276	115244	11289	124	310	91		M
327.8775	32:53	32:53	4	1.276	71201	6829	54	135	126	1.62(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:53	32:53	5	1.276	115244	11289	124	310	91		M
327.8775	32:53	32:53	4	1.276	71201	6829	54	135	126	1.62(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:53	32:53	5	1.276	115244	11289	124	310	91		M
327.8775	32:53	32:53	4	1.276	71201	6829	54	135	126	1.62(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:53	32:53	5	1.276	115244	11289	124	310	91		M
327.8775	32:53	32:53	4	1.276	71201	6829	54	135	126	1.62(1.32-1.78)	M
PCB-85											M
325.8804	33:31	33:31	-2	1.301	27615	4540	124	310	37		M
327.8775	33:31	33:31	-2	1.301	19572	3029	54	135	56	1.41(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:31	33:31	-2	1.301	27615	4540	124	310	37		M
327.8775	33:31	33:31	-2	1.301	19572	3029	54	135	56	1.41(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:31	33:31	-2	1.301	27615	4540	124	310	37		M
327.8775	33:31	33:31	-2	1.301	19572	3029	54	135	56	1.41(1.32-1.78)	M
PCB-110											
325.8804	33:41	33:43	-5	1.307	206198	37405	124	310	302		
327.8775	33:41	33:43	-5	1.307	135396	25093	54	135	465	1.52(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:41	33:43	-5	1.307	206198	37405	124	310	302		
327.8775	33:41	33:43	-5	1.307	135396	25093	54	135	465	1.52(1.32-1.78)	
PCB-82											RQM
325.8804	34:00	34:00	-2	1.319	13148	2775	124	310	22		M
	Empc Correction				9633	2199	124	310	18		
327.8775	34:02	34:00	-1	1.320	6215	1419	54	135	26	2.12(1.32-1.78)	M
PCB-111											
325.8804	34:23						124	310			
327.8775	34:23						54	135			
PCB-120											
325.8804	34:51						124	310			
327.8775	34:51						54	135			
PCB-108											M
325.8804	36:01	36:01	-1	1.397	8708	1690	196	490	9		
327.8775	36:01	36:01	-1	1.397	5759	1227	89	222	14	1.51(1.32-1.78)	M
PCB-124 (C108)											M
325.8804	36:01	36:01	-1	1.397	8708	1690	196	490	9		
327.8775	36:01	36:01	-1	1.397	5759	1227	89	222	14	1.51(1.32-1.78)	M
PCB-107											RQM
325.8804	36:14	36:14	-2	1.406	16496	3331	196	490	17		M
327.8775	36:13	36:14	-3	1.406	12676	2611	89	222	29	1.30(1.32-1.78)	
	Empc Correction				10642	2149	89	222	24		

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123											RQMa
325.8804	36:19	36:19	-5	1.000	1550	780	196	490	4		M
327.8775	36:21	36:19	-2	1.001	1360	516	89	222	6	1.14(1.32-1.78)	
	Empc Correction				1000	503	89	222	6		
PCB-106											M
325.8804	36:29	36:29	-1	1.004	297821	60638	196	490	309		
327.8775	36:29	36:29	-1	1.004	189525	36294	89	222	408	1.57(1.32-1.78)	M
PCB-118											
325.8804	36:41	36:41	-2	1.001	168107	31298	196	490	160		
327.8775	36:41	36:41	-2	1.001	106407	20381	89	222	229	1.58(1.32-1.78)	
PCB-122											
325.8804	37:01						196	490			
327.8775	37:01						89	222			
PCB-114											
325.8804	37:12						196	490			
327.8775	37:12						89	222			
PCB-105											
325.8804	37:52	37:50	-1	1.001	50653	8769	196	490	45		
327.8775	37:51	37:50	-2	1.001	31077	5281	89	222	59	1.63(1.32-1.78)	
PCB-127											
325.8804	39:19						196	490			
327.8775	39:19						89	222			
PCB-126											
325.8804	40:55						196	490			
327.8775	40:55						89	222			
PCB-155L											
371.8817	31:27	31:26	-2	0.791	1977297	388885	31	77	12545		
373.8788	31:27	31:26	-2	0.791	1530166	306047	30	75	10202	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:46	39:49	-3		2269223	427527	907	2267	471		
373.8788	39:46	39:49	-3		1760832	329687	796	1990	414	1.29(1.05-1.43)	
PCB-167L											
371.8817	42:47	42:44	-2	1.076	2497182	473002	907	2267	522		
373.8788	42:47	42:44	-2	1.076	1989681	366468	796	1990	460	1.26(1.05-1.43)	
PCB-156L											
371.8817	43:56	43:54	-2	1.105	5075771	679329	907	2267	749		
373.8788	43:56	43:54	-2	1.105	3937555	526471	796	1990	661	1.29(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:56	43:54	-2	1.105	5075771	679329	907	2267	749		
373.8788	43:56	43:54	-2	1.105	3937555	526471	796	1990	661	1.29(1.05-1.43)	
PCB-169L											
371.8817	47:10	47:08	-3	1.186	2553680	451419	907	2267	498		
373.8788	47:10	47:08	-3	1.186	2006704	356726	796	1990	448	1.27(1.05-1.43)	
PCB-155											M
359.8415	31:28	31:28	-2	1.001	5183715	1034492	6	15	172415		M
361.8385	31:28	31:28	-2	1.001	4103130	823155	9	22	91462	1.26(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-152											Ma
359.8415	31:41	31:41	-2	1.007	11284	3461	6	15	577		M
361.8385	31:42	31:41	-1	1.008	8673	2396	9	22	266	1.30(1.05-1.43)	
PCB-150											
359.8415	31:51						6	15			
361.8385	31:51						9	22			
PCB-136											RQ
359.8415	32:12	32:12	-2	1.024	24322	3936	6	15	656		
	Empc Correction				19340	3734	6	15	622		
361.8385	32:13	32:12	-2	1.024	15597	3012	9	22	335	1.56(1.05-1.43)	
PCB-145											
359.8415	32:30						6	15			
361.8385	32:30						9	22			
PCB-148											
359.8415	34:01						6	15			
361.8385	34:01						9	22			
PCB-135											M
359.8415	34:36	34:41	-3	1.100	30444	4234	6	15	706		M
361.8385	34:41	34:41	2	1.103	24756	3069	9	22	341	1.23(1.05-1.43)	M
PCB-151 (C135)											M
359.8415	34:36	34:41	-3	1.100	30444	4234	6	15	706		M
361.8385	34:41	34:41	2	1.103	24756	3069	9	22	341	1.23(1.05-1.43)	M
PCB-154											RQ
359.8415	34:51	34:51	-3	1.108	10400	2216	6	15	369		
361.8385	34:51	34:51	-3	1.108	10040	1552	9	22	172	1.04(1.05-1.43)	
	Empc Correction				8387	1787	9	22	199		
PCB-144											
359.8415	35:10						6	15			
361.8385	35:10						9	22			
PCB-147											
359.8415	35:32	35:31	-2	1.130	132601	26179	114	285	230		
361.8385	35:32	35:31	-2	1.130	106061	19297	125	312	154	1.25(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:32	35:31	-2	1.130	132601	26179	114	285	230		
361.8385	35:32	35:31	-2	1.130	106061	19297	125	312	154	1.25(1.05-1.43)	
PCB-134											RQa
359.8415	35:44	35:44	-8	1.136	10946	1994	114	285	17		a
361.8385	35:44	35:44	-8	1.136	11062	2021	125	312	16	0.99(1.05-1.43)	
	Empc Correction				8827	1608	125	312	13		
PCB-143 (C134)											RQa
359.8415	35:44	35:44	-8	1.136	10946	1994	114	285	17		a
361.8385	35:44	35:44	-8	1.136	11062	2021	125	312	16	0.99(1.05-1.43)	
	Empc Correction				8827	1608	125	312	13		
PCB-139											
359.8415	36:07						114	285			
361.8385	36:07						125	312			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-140 (C139)											
359.8415	36:07						114	285			
361.8385	36:07						125	312			
PCB-131											
359.8415	36:20						114	285			
361.8385	36:20						125	312			
PCB-142											
359.8415	36:29	36:28	-2	1.160	3643271	702067	114	285	6158		
361.8385	36:29	36:28	-2	1.160	2876514	549930	125	312	4399	1.27(1.05-1.43)	
PCB-132											M
359.8415	36:48	36:48	-2	1.170	64257	11812	114	285	104		M
361.8385	36:48	36:48	-2	1.170	56071	9007	125	312	72	1.15(1.05-1.43)	
PCB-133											
359.8415	37:17						114	285			
361.8385	37:17						125	312			
PCB-165											RQ
359.8415	37:41	37:41	-2	0.881	40188	8196	114	285	72		
361.8385	37:41	37:41	-2	0.881	39638	7570	125	312	61	1.01(1.05-1.43)	
	Empc Correction				32409	6609	125	312	53		
PCB-146											RQ
359.8415	37:56	37:56	-2	0.887	27438	6756	114	285	59		
	Empc Correction				20833	4900	114	285	43		
361.8385	37:56	37:56	-2	0.887	16801	3952	125	312	32	1.63(1.05-1.43)	
PCB-161											
359.8415	38:04	38:04	-2	0.890	247888	43560	114	285	382		
361.8385	38:04	38:04	-2	0.890	200414	35068	125	312	281	1.24(1.05-1.43)	
PCB-153											
359.8415	38:33	38:34	-5	0.901	150231	29341	114	285	257		
361.8385	38:33	38:34	-5	0.901	127258	24725	125	312	198	1.18(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:33	38:34	-5	0.901	150231	29341	114	285	257		
361.8385	38:33	38:34	-5	0.901	127258	24725	125	312	198	1.18(1.05-1.43)	
PCB-141											RQ
359.8415	38:45	38:44	-1	0.906	21763	4551	114	285	40		
361.8385	38:45	38:44	-1	0.906	22812	5858	125	312	47	0.95(1.05-1.43)	
	Empc Correction				17550	3670	125	312	29		
PCB-130											RQ
359.8415	39:08	39:09	-4	0.915	8116	1705	114	285	15		
361.8385	39:07	39:09	-5	0.915	9176	1431	125	312	11	0.88(1.05-1.43)	
	Empc Correction				6545	1374	125	312	11		
PCB-137											RQ
359.8415	39:23	39:22	-1	0.921	9975	1940	114	285	17		
361.8385	39:24	39:22	-1	0.921	9824	1914	125	312	15	1.02(1.05-1.43)	
	Empc Correction				8044	1564	125	312	13		
PCB-164											
359.8415	39:29	39:30	-3	0.923	16299	3017	114	285	26		
361.8385	39:29	39:30	-3	0.923	13147	2382	125	312	19	1.24(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-129											
359.8415	39:48	39:48	-2	0.931	198013	34015	114	285	298		
361.8385	39:48	39:48	-2	0.931	163321	28816	125	312	231	1.21(1.05-1.43)	
PCB-138 (C129)											
359.8415	39:48	39:48	-2	0.931	198013	34015	114	285	298		
361.8385	39:48	39:48	-2	0.931	163321	28816	125	312	231	1.21(1.05-1.43)	
PCB-160 (C129)											
359.8415	39:48	39:48	-2	0.931	198013	34015	114	285	298		
361.8385	39:48	39:48	-2	0.931	163321	28816	125	312	231	1.21(1.05-1.43)	
PCB-163 (C129)											
359.8415	39:48	39:48	-2	0.931	198013	34015	114	285	298		
361.8385	39:48	39:48	-2	0.931	163321	28816	125	312	231	1.21(1.05-1.43)	
PCB-158											
359.8415	40:11	40:10	-2	0.939	22882	4420	114	285	39		
361.8385	40:10	40:10	-4	0.939	20688	3196	125	312	26	1.11(1.05-1.43)	
PCB-128											
359.8415	41:03	41:03	-1	0.960	34625	6175	114	285	54		
361.8385	41:03	41:03	-1	0.960	24628	4488	125	312	36	1.41(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:03	41:03	-1	0.960	34625	6175	114	285	54		
361.8385	41:03	41:03	-1	0.960	24628	4488	125	312	36	1.41(1.05-1.43)	
PCB-159											
359.8415	42:02	42:01	-2	0.983	35130	6693	114	285	59		
361.8385	42:02	42:01	-3	0.982	27176	4974	125	312	40	1.29(1.05-1.43)	
PCB-162											
359.8415	42:20						114	285			
361.8385	42:20						125	312			
PCB-167											
359.8415	42:49	42:47	-1	1.001	7539	1444	114	285	13		
361.8385	42:49	42:47	-1	1.001	6718	1475	125	312	12	1.12(1.05-1.43)	
PCB-156											M
359.8415	43:55	43:57	-4	1.000	22964	4728	114	285	41		
361.8385	43:57	43:57	-3	1.000	17285	3552	125	312	28	1.33(1.05-1.43)	M
PCB-157 (C156)											M
359.8415	43:55	43:57	-4	1.000	22964	4728	114	285	41		
361.8385	43:57	43:57	-3	1.000	17285	3552	125	312	28	1.33(1.05-1.43)	M
PCB-169											
359.8415	47:11						114	285			
361.8385	47:11						125	312			
PCB-188L											
405.8428	37:11	37:11	-2	0.820	2072475	396773	33	82	12023		
407.8398	37:11	37:11	-2	0.820	1934419	369687	39	97	9479	1.07(0.89-1.21)	
PCB-178L											
405.8428	40:15						33	82			
407.8398	40:15						39	97			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-180L											
405.8428	45:19	45:22	-2		1532942	289672	33	82	8778		
407.8398	45:19	45:22	-2		1404672	260283	39	97	6674	1.09(0.89-1.21)	
PCB-170L											
405.8428	46:34	46:34	-2	1.028	1275834	232037	33	82	7031		
407.8398	46:34	46:34	-2	1.028	1183841	215532	39	97	5526	1.08(0.89-1.21)	
PCB-189L											
405.8428	49:42	49:41	-2	1.096	2763654	501601	2169	5422	231		
407.8398	49:42	49:41	-2	1.096	2611898	475502	1992	4980	239	1.06(0.89-1.21)	
PCB-188											
393.8025	37:12						17	42			
395.7995	37:12						4	10			
PCB-179											
393.8025	37:33						17	42			
395.7995	37:33						4	10			
PCB-184											
393.8025	38:04	38:02	-2	1.024	9046884	1705457	17	42	100321		
395.7995	38:04	38:02	-2	1.024	8552892	1596204	4	10	399051	1.06(0.89-1.21)	
PCB-176											
393.8025	38:26						17	42			
395.7995	38:26						4	10			
PCB-186											
393.8025	38:52						17	42			
395.7995	38:52						4	10			
PCB-178											
393.8025	40:16						17	42			
395.7995	40:16						4	10			
PCB-175											
393.8025	40:54						17	42			
395.7995	40:54						4	10			
PCB-187											
393.8025	41:09						17	42			
395.7995	41:09						4	10			
PCB-182											
393.8025	41:22						17	42			
395.7995	41:22						4	10			
PCB-183											
393.8025	41:45						17	42			
395.7995	41:45						4	10			
PCB-185 (C183)											
393.8025	41:45						17	42			
395.7995	41:45						4	10			
PCB-174											
393.8025	42:00						17	42			
395.7995	42:00						4	10			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-177											
393.8025	42:26						17	42			
395.7995	42:26						4	10			
PCB-181											
393.8025	42:50						17	42			
395.7995	42:50						4	10			
PCB-171											
393.8025	43:03						17	42			
395.7995	43:03						4	10			
PCB-173 (C171)											
393.8025	43:03						17	42			
395.7995	43:03						4	10			
PCB-172											
393.8025	44:42						17	42			
395.7995	44:42						4	10			
PCB-192											
393.8025	44:58	44:58	-2	0.905	26702496	5027712	17	42	295748		
395.7995	44:58	44:58	-2	0.905	25224415	4779016	4	10	1194754	1.06(0.89-1.21)	
PCB-180											
393.8025	45:20	45:18	-1	0.912	69721	10274	17	42	604		
395.7995	45:18	45:18	-3	0.912	72329	10370	4	10	2593	0.96(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:20	45:18	-1	0.912	69721	10274	17	42	604		
395.7995	45:18	45:18	-3	0.912	72329	10370	4	10	2593	0.96(0.89-1.21)	
PCB-191											
393.8025	45:43						17	42			
395.7995	45:43						4	10			
PCB-170											
393.8025	46:36						17	42			
395.7995	46:36						4	10			
PCB-190											
393.8025	47:08						17	42			
395.7995	47:08						4	10			
PCB-189											RQU
393.8025	49:42						90	225			
395.7995	49:42						74	185			
PCB-202L											
439.8038	42:33	42:33	-2	0.821	1504263	286239	41	102	6981		
441.8008	42:33	42:33	-2	0.821	1650505	304162	52	130	5849	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:48	51:50	-2		1829023	330651	1075	2687	308		
441.8008	51:48	51:50	-2		2000922	361081	1374	3435	263	0.91(0.76-1.02)	
PCB-205L											
439.8038	52:17	52:16	-2	1.009	2131906	389701	1075	2687	363		
441.8008	52:17	52:16	-2	1.009	2360100	421226	1374	3435	307	0.90(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-202											
427.7635	42:35						28	70			
429.7606	42:35						29	72			
PCB-201											
427.7635	43:30						28	70			
429.7606	43:30						29	72			
PCB-204											
427.7635	44:10	44:09	-2	1.038	11352105	2149294	28	70	76761		
429.7606	44:10	44:09	-2	1.038	12548240	2377617	29	72	81987	0.90(0.76-1.02)	
PCB-197											M
427.7635	44:24	44:24	-2	1.043	103370	15401	28	70	550		M
429.7606	44:23	44:24	-3	1.043	124305	18504	29	72	638	0.83(0.76-1.02)	
PCB-200											
427.7635	44:30						28	70			
429.7606	44:30						29	72			
PCB-198											
427.7635	47:17						28	70			
429.7606	47:17						29	72			
PCB-199 (C198)											
427.7635	47:17						28	70			
429.7606	47:17						29	72			
PCB-196											
427.7635	47:58						28	70			
429.7606	47:58						29	72			
PCB-203											
427.7635	48:10						28	70			
429.7606	48:10						29	72			
PCB-195											RQM
427.7635	49:29	49:29	-2	0.946	1276	303	42	105	7		M
	Empc Correction				842	208	42	105	5		
429.7606	49:32	49:29	1	0.947	947	234	36	90	7	1.35(0.76-1.02)	M
PCB-194											RQ
427.7635	51:50	51:50	-2	0.991	3815	807	42	105	19		
	Empc Correction				2127	684	42	105	16		
429.7606	51:51	51:50	-1	0.992	2390	769	36	90	21	1.60(0.76-1.02)	
PCB-205											RQM
427.7635	52:18	52:18	-1	1.000	4880	873	42	105	21		M
	Empc Correction				3543	637	42	105	15		
429.7606	52:17	52:18	-3	1.000	3981	716	36	90	20	1.23(0.76-1.02)	M
PCB-208L											
473.7648	49:14	49:13	-1	0.950	1818203	327809	1392	3480	235		
475.7619	49:14	49:13	-1	0.950	2235613	411612	1337	3342	308	0.81(0.65-0.89)	
PCB-206L											
473.7648	54:02	54:04	-2	1.043	1206435	222171	1392	3480	160		
475.7619	54:02	54:04	-2	1.043	1487266	270362	1337	3342	202	0.81(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-208											
461.7246	49:15						68	170			
463.7216	49:15						180	450			
PCB-207											
461.7246	50:11	50:11	-2	1.019	58084	11712	68	170	172		
463.7216	50:11	50:11	-2	1.019	65353	12713	180	450	71	0.89(0.65-0.89)	
PCB-206											
461.7246	54:03						68	170			
463.7216	54:03						180	450			
PCB-209L											
507.7258	55:40	55:39	-2	1.075	1151788	199710	56	140	3566		
509.7229	55:40	55:39	-2	1.075	1610640	271138	65	162	4171	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:42	55:41	-2	1.000	44522	7994	18	45	444		
497.6826	55:42	55:41	-2	1.000	60995	10487	16	40	655	0.73(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

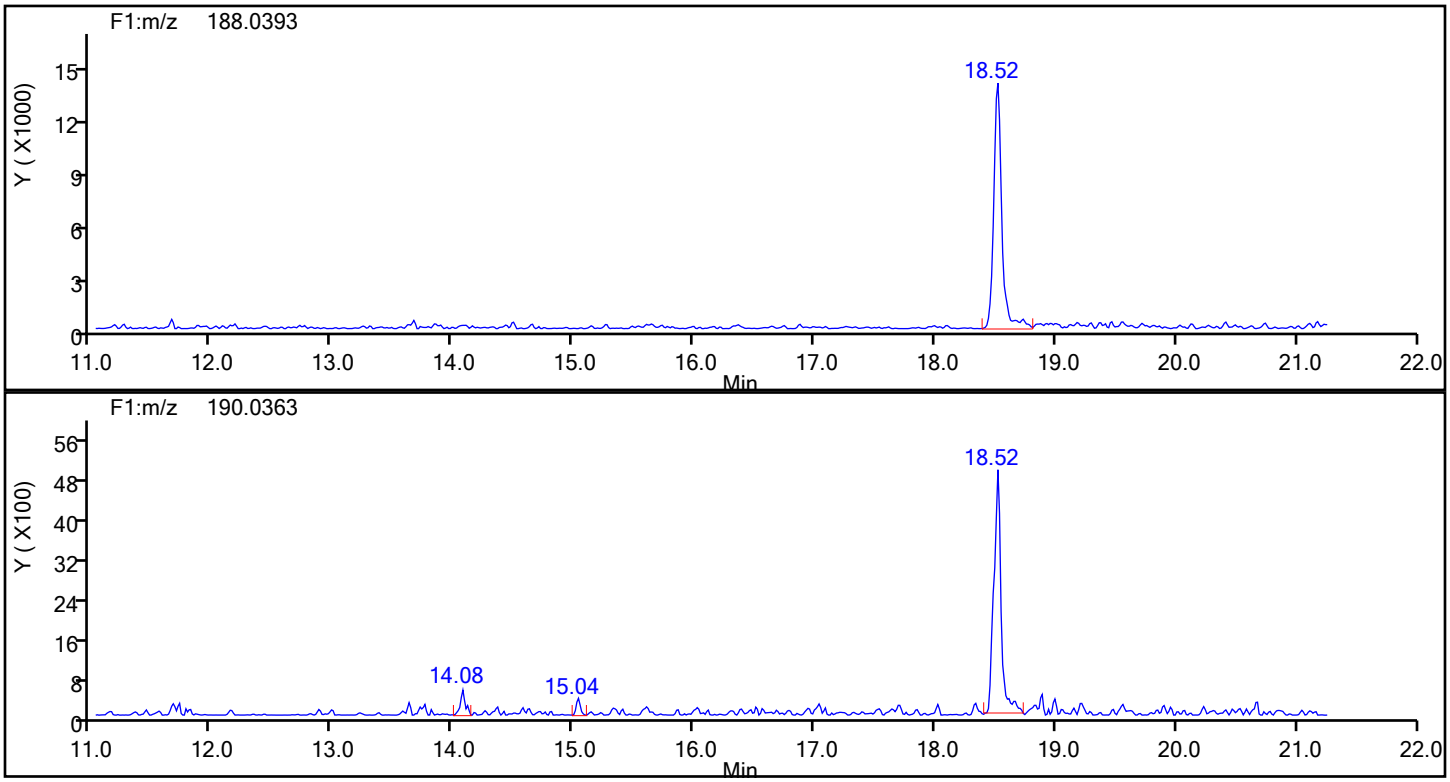
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

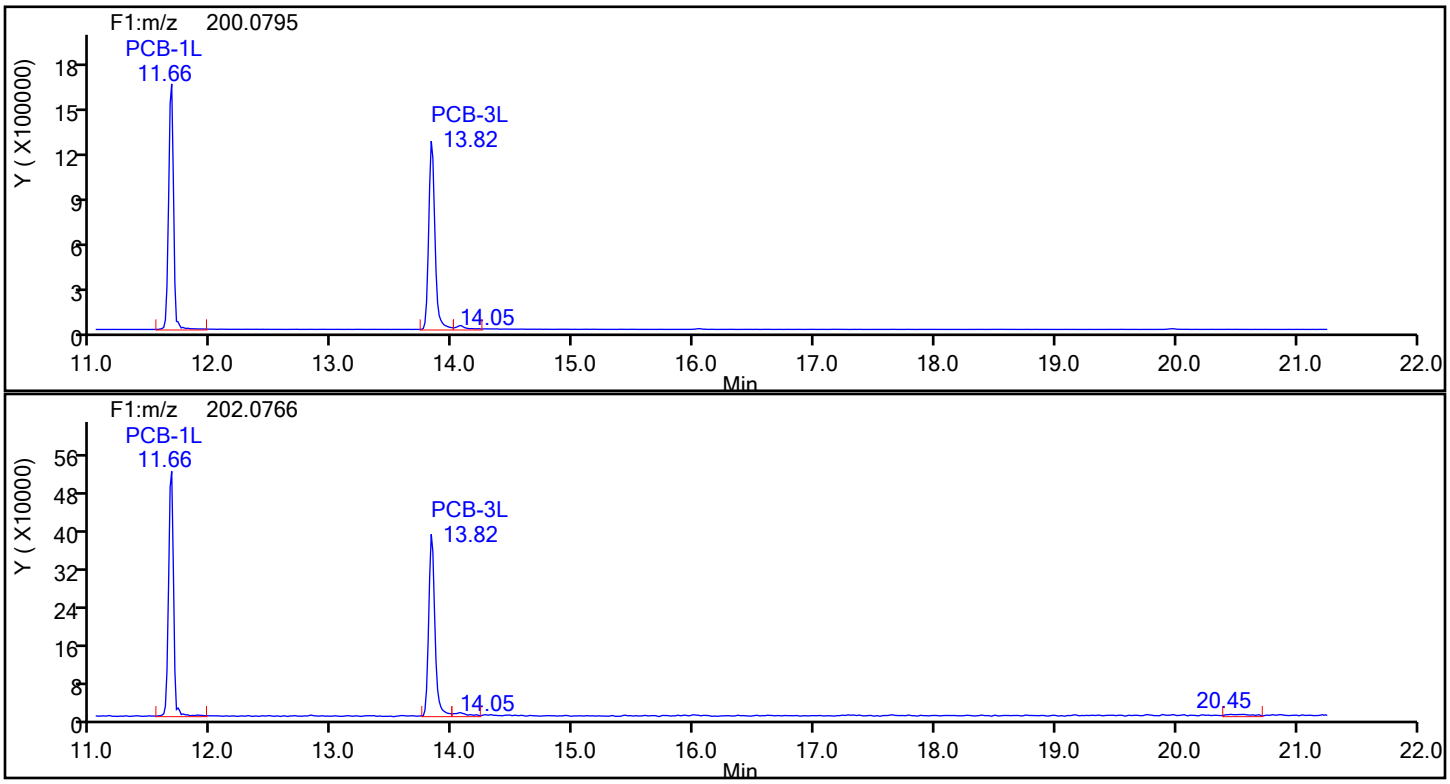
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

MoPCB F1



MoPCB F1 Standards

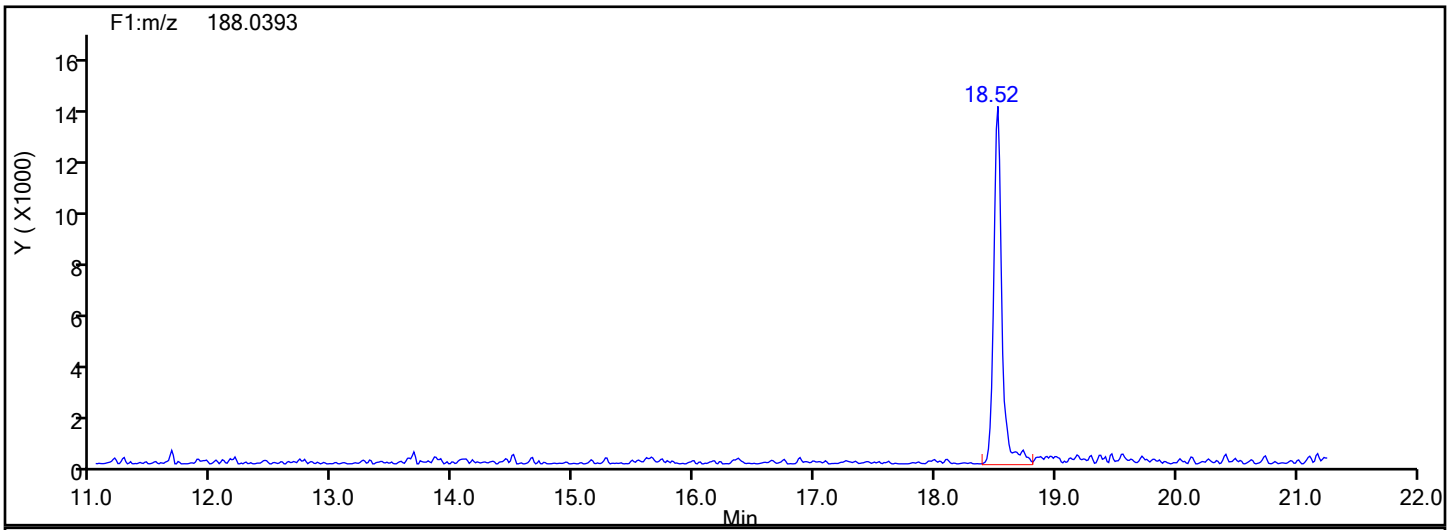


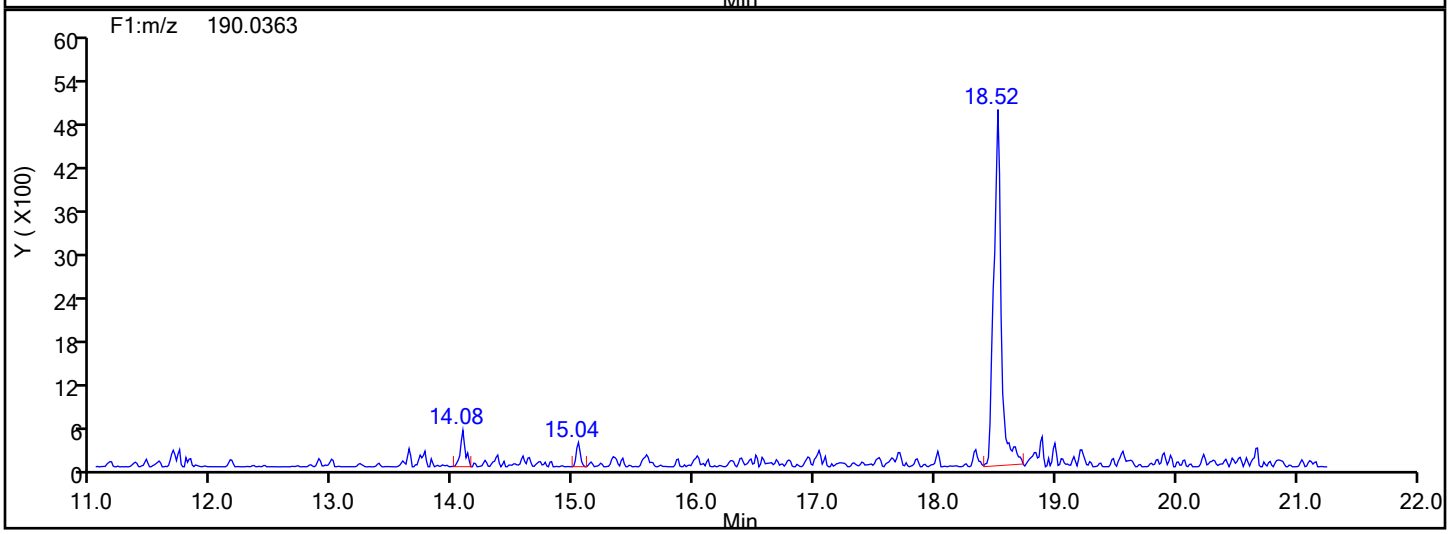
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

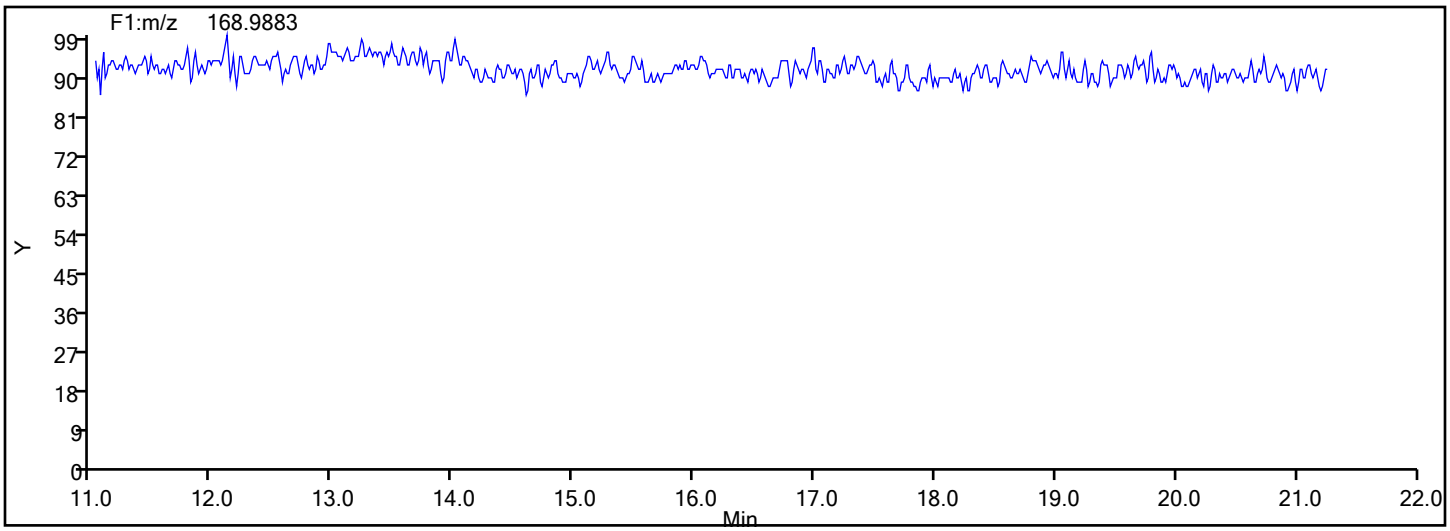
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



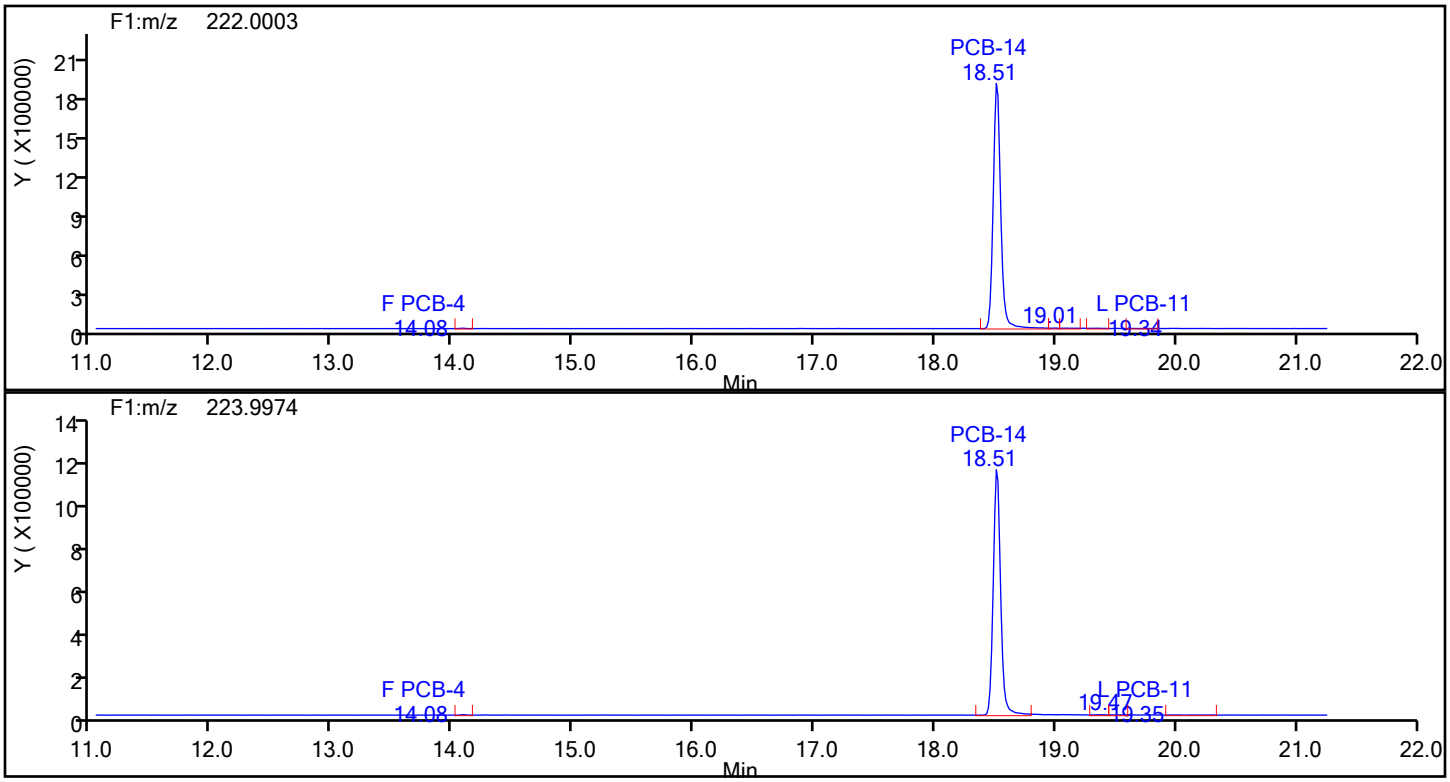
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

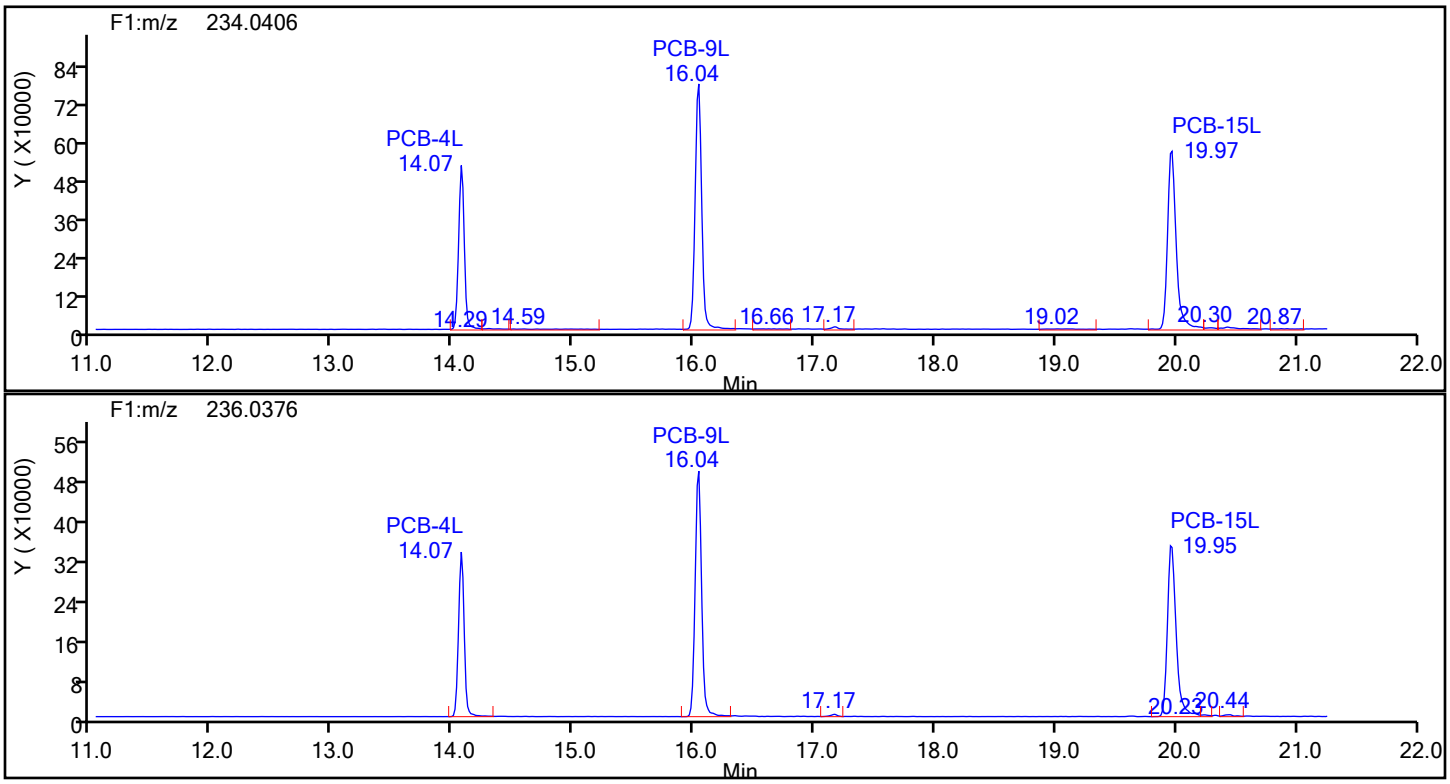
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards

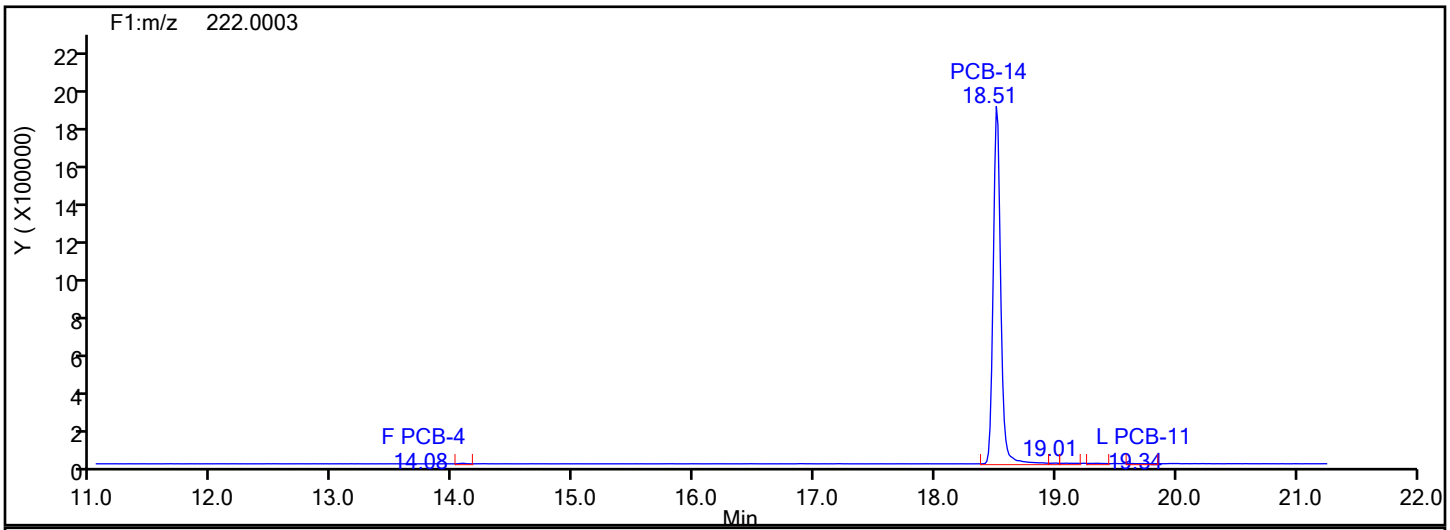


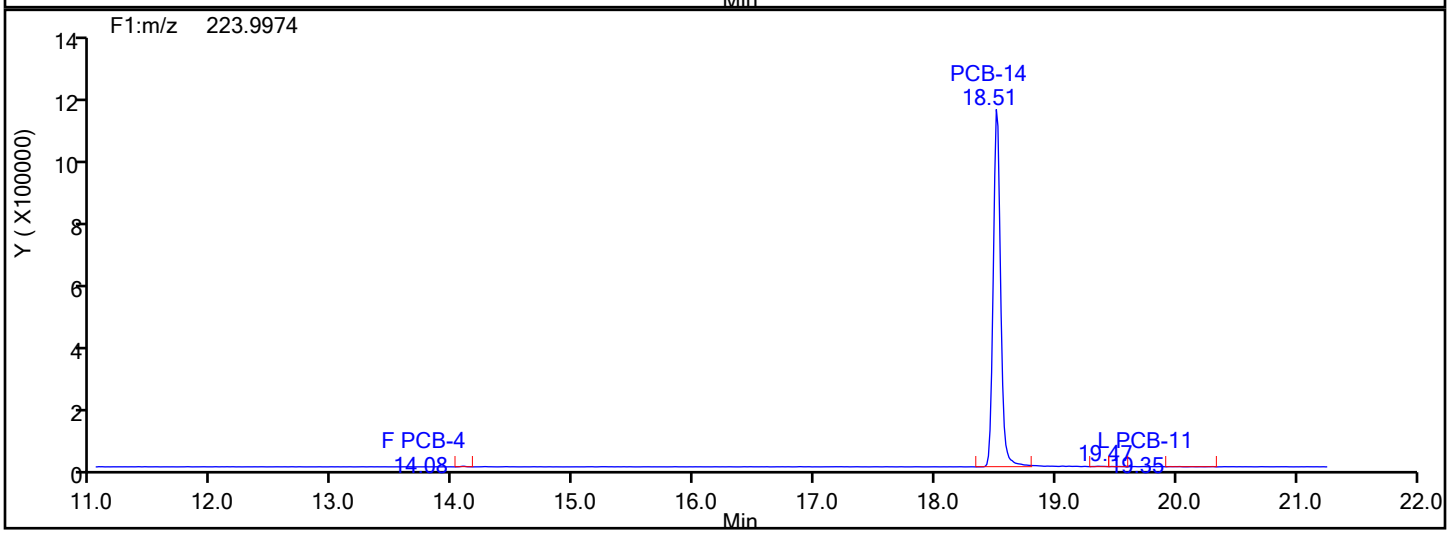
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

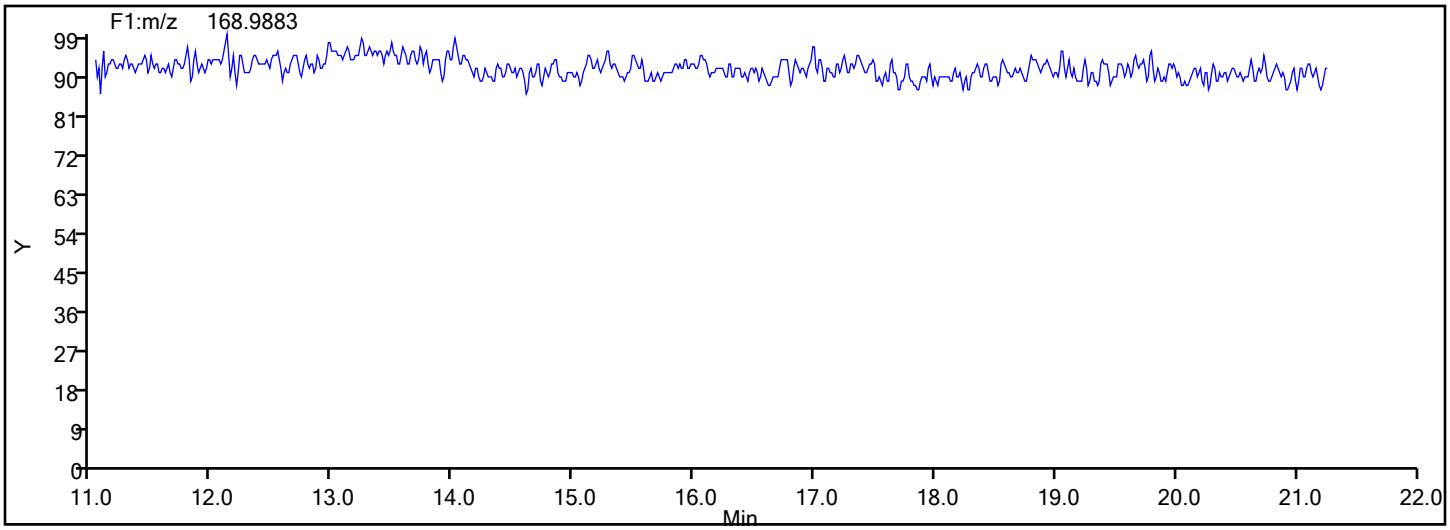
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

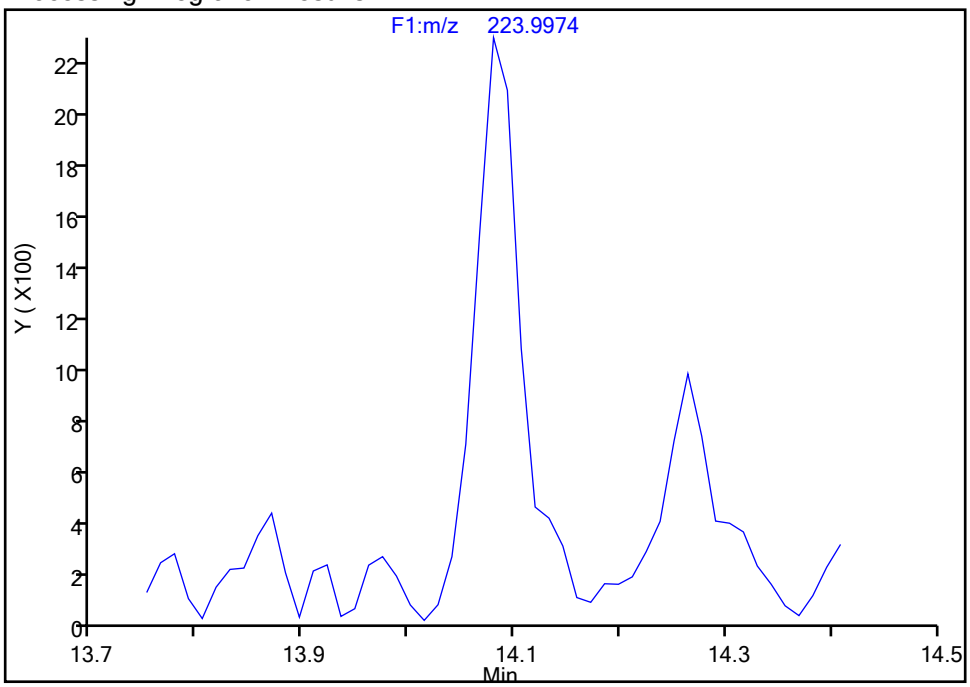
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-4, CAS: 13029-08-8

Signal: 2

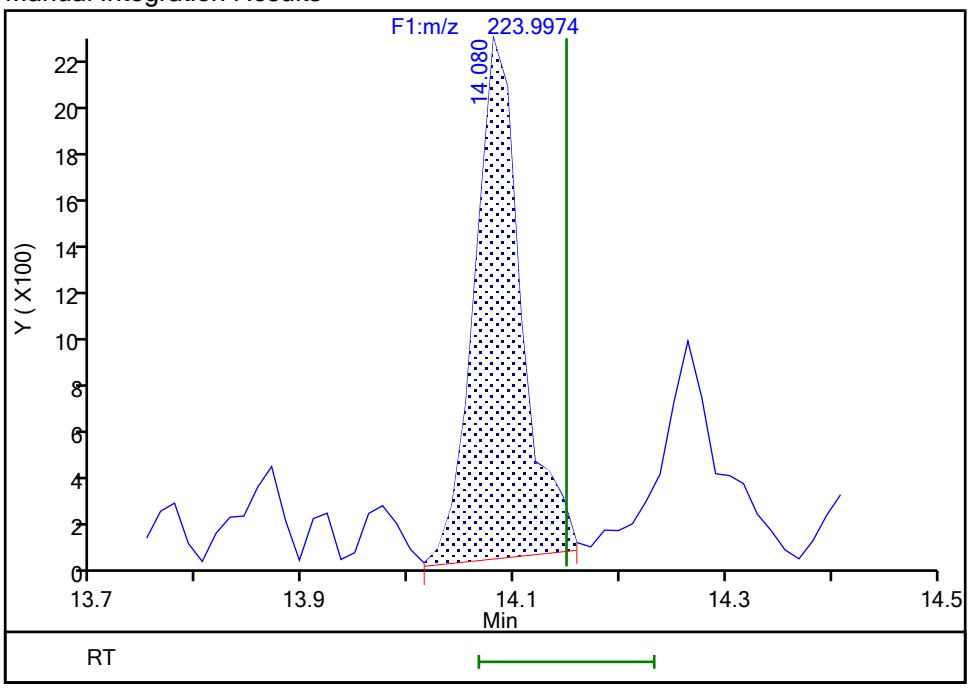
Not Detected
Expected RT: 14.15

Processing Integration Results



Manual Integration Results

RT: 14.08
Area: 6731
Amount: 0.447948
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:11:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

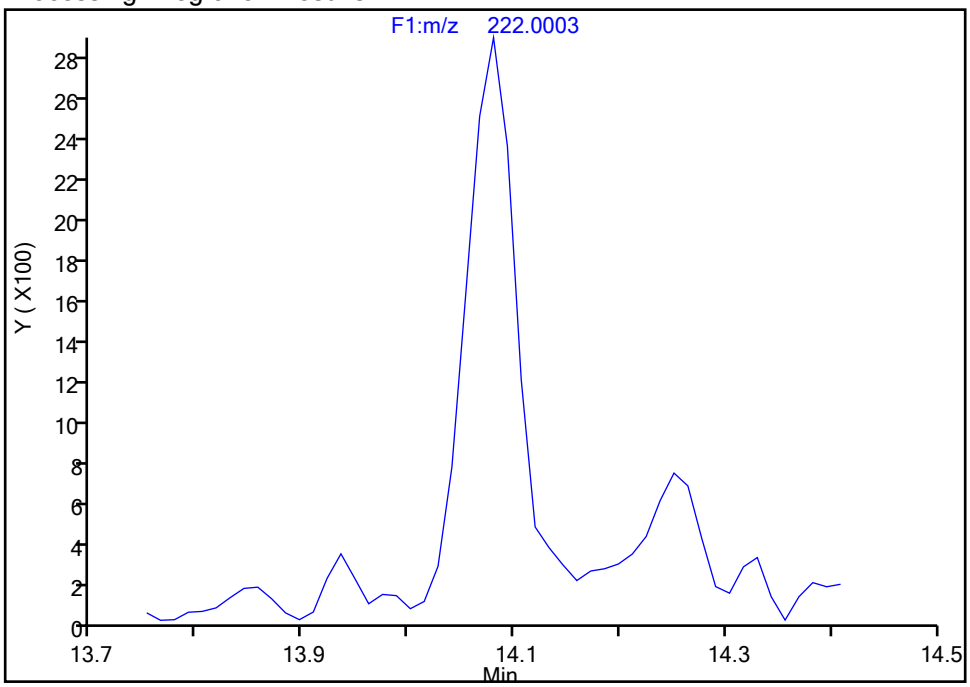
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d
Injection Date: 03-Jan-2024 19:31:00 Instrument ID: D2D
Lims ID: 140-34509-A-1-B Lab Sample ID: 140-34509-1
Client ID: PW-01
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-4, CAS: 13029-08-8

Signal: 1

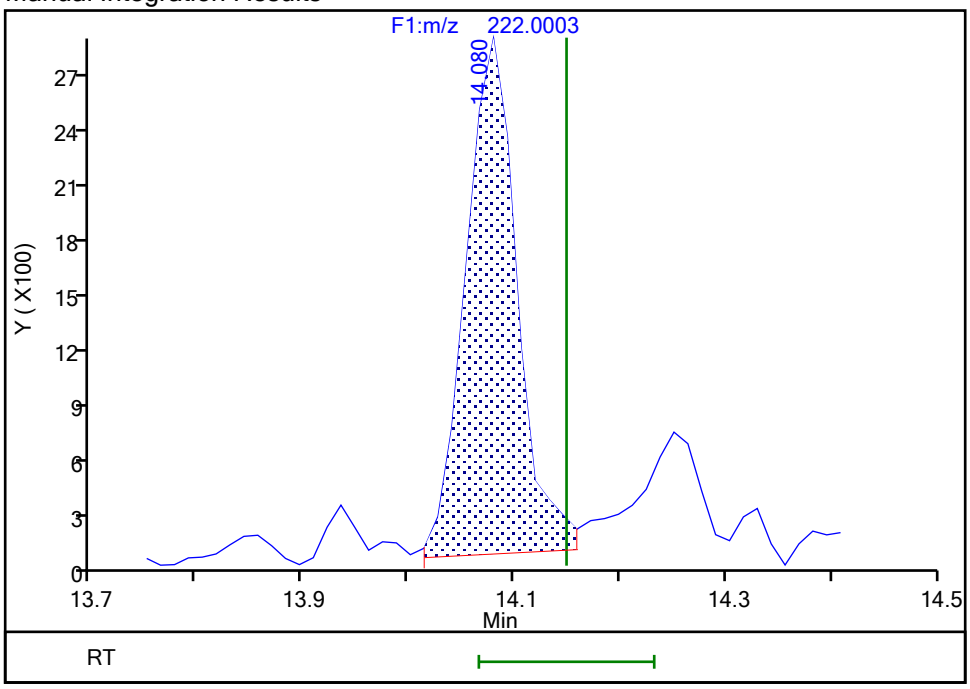
Not Detected
Expected RT: 14.15

Processing Integration Results



Manual Integration Results

RT: 14.08
Area: 9284
Amount: 0.447948
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:11:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

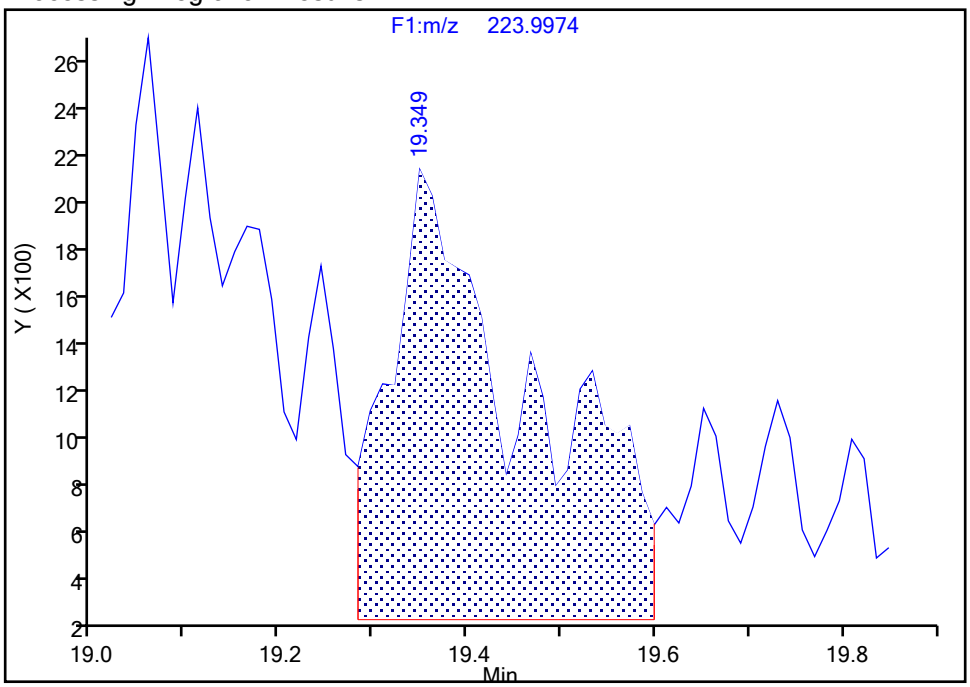
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 2

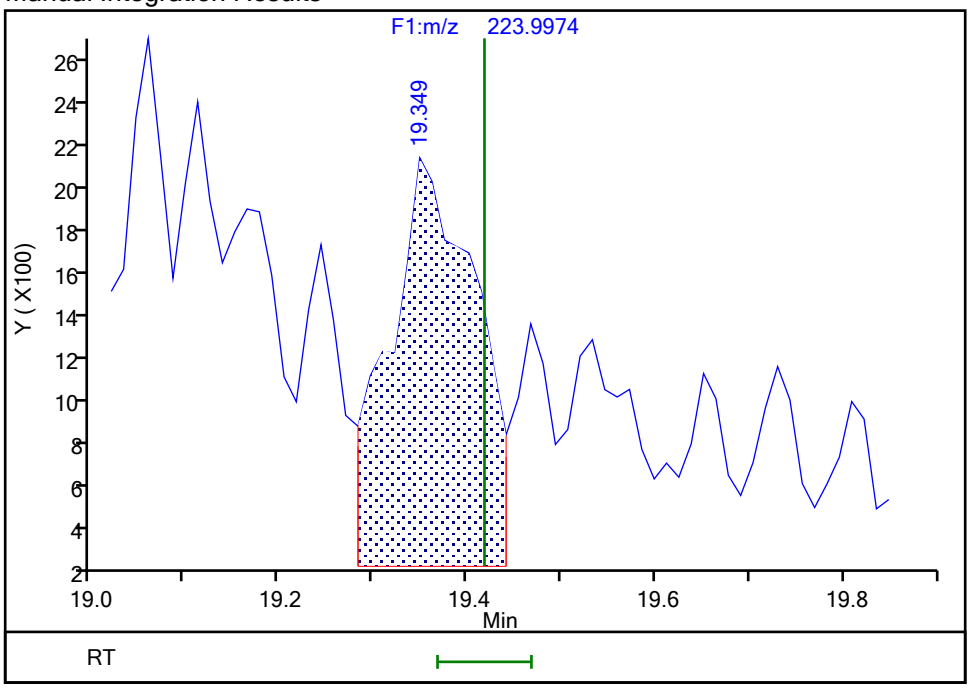
Processing Integration Results

RT: 19.35
Area: 19331
Amount: 0.768513
Amount Units: pg/ul



Manual Integration Results

RT: 19.35
Area: 11892
Amount: 0.628405
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:12:38 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

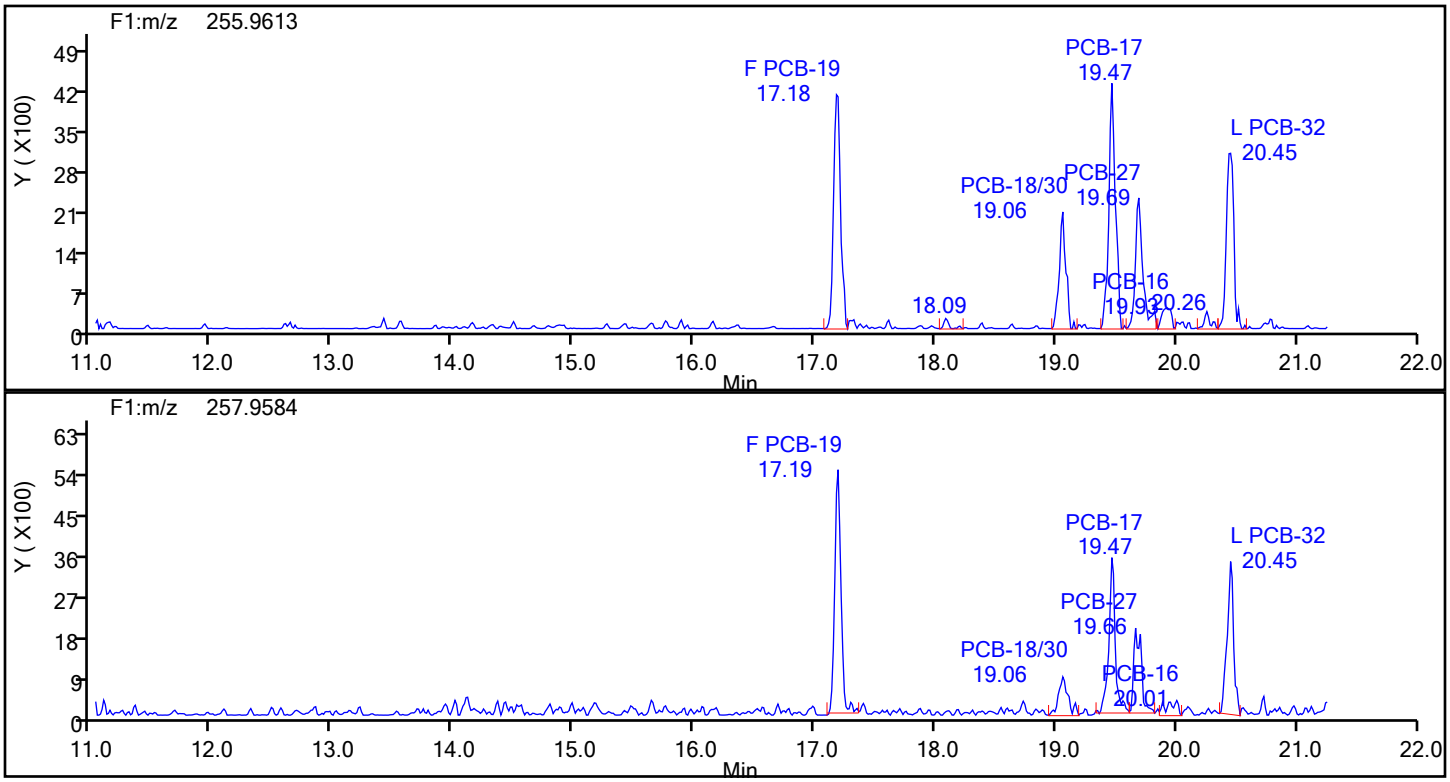
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

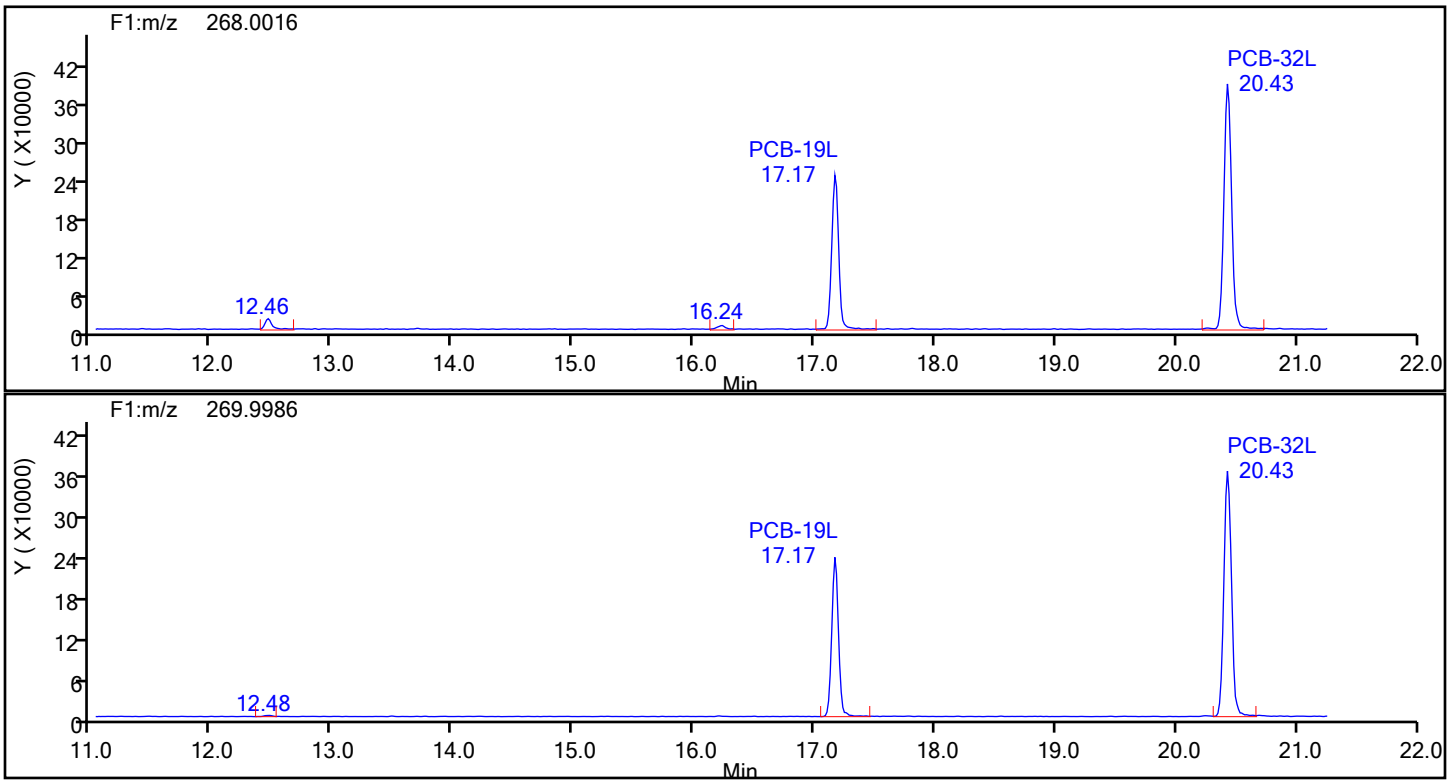
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

TriPCB F1



TriPCB F1 Standards



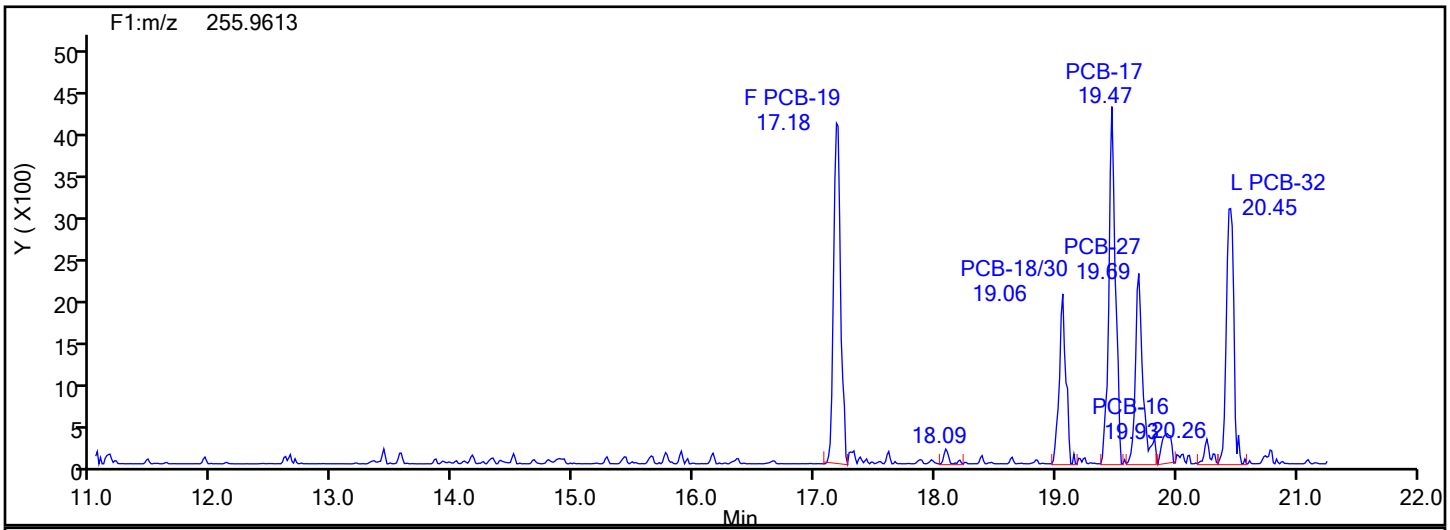
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

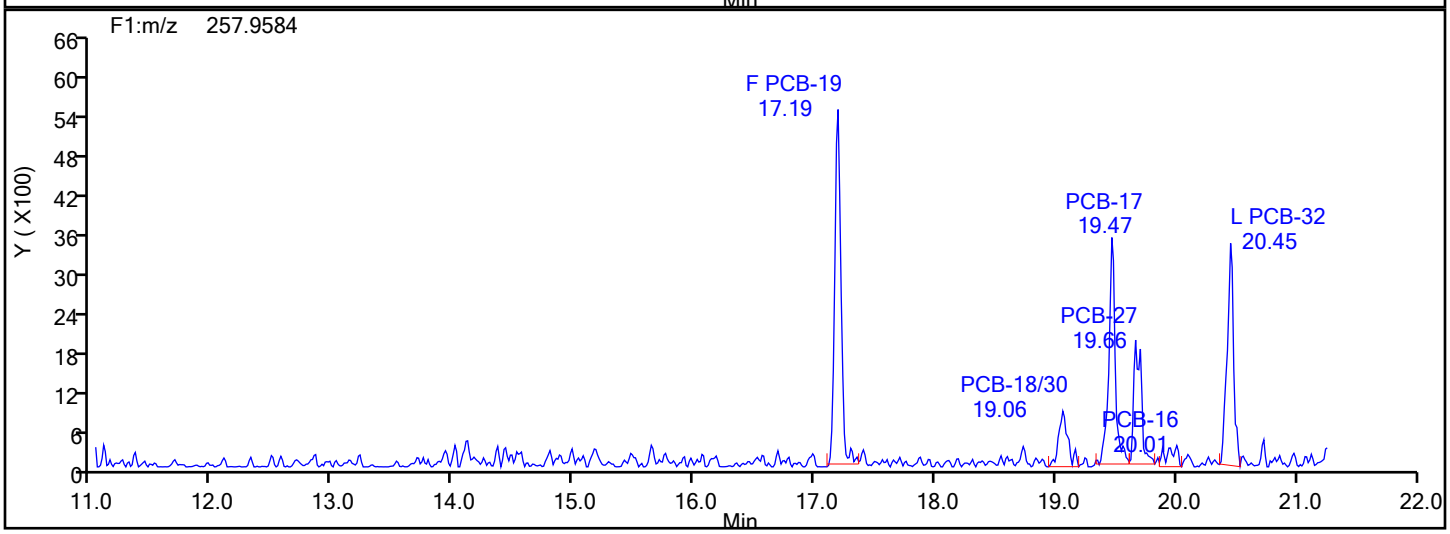
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

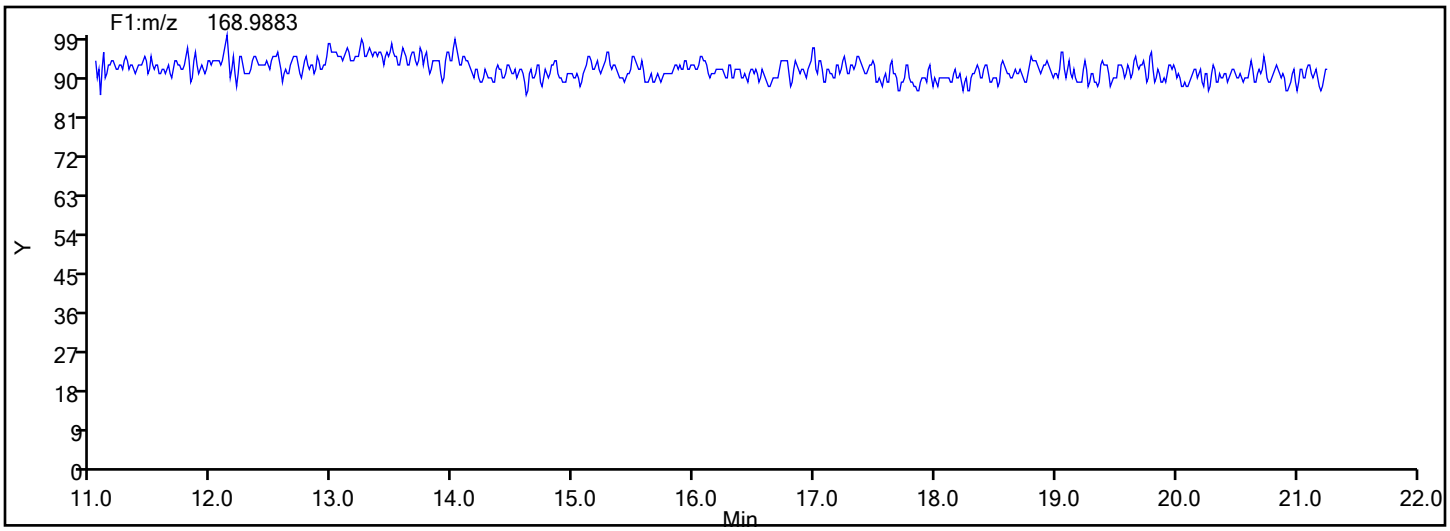
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

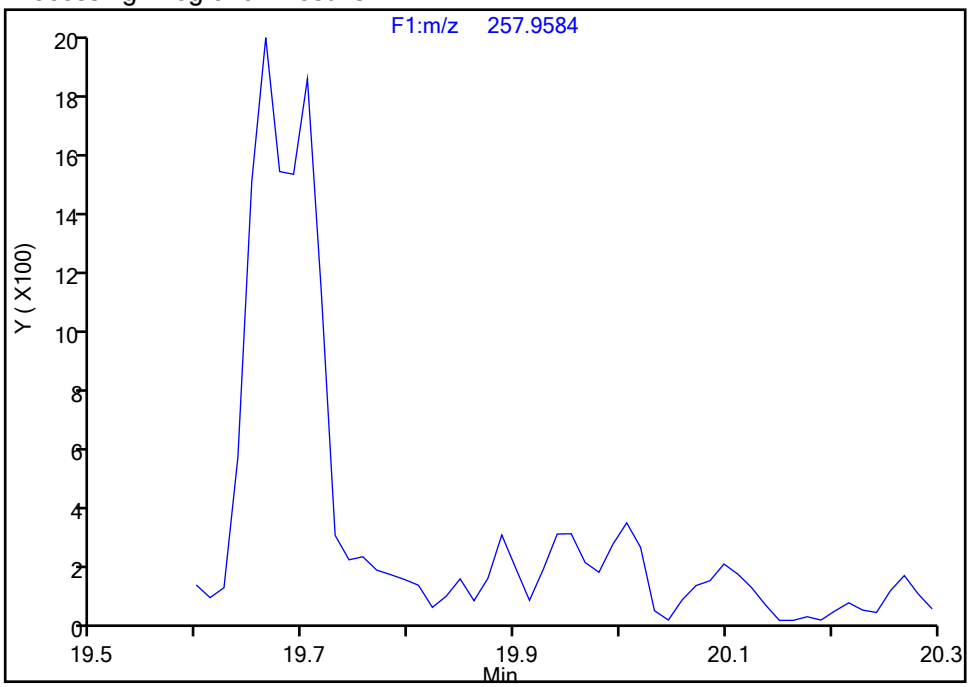
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-16, CAS: 38444-78-9

Signal: 2

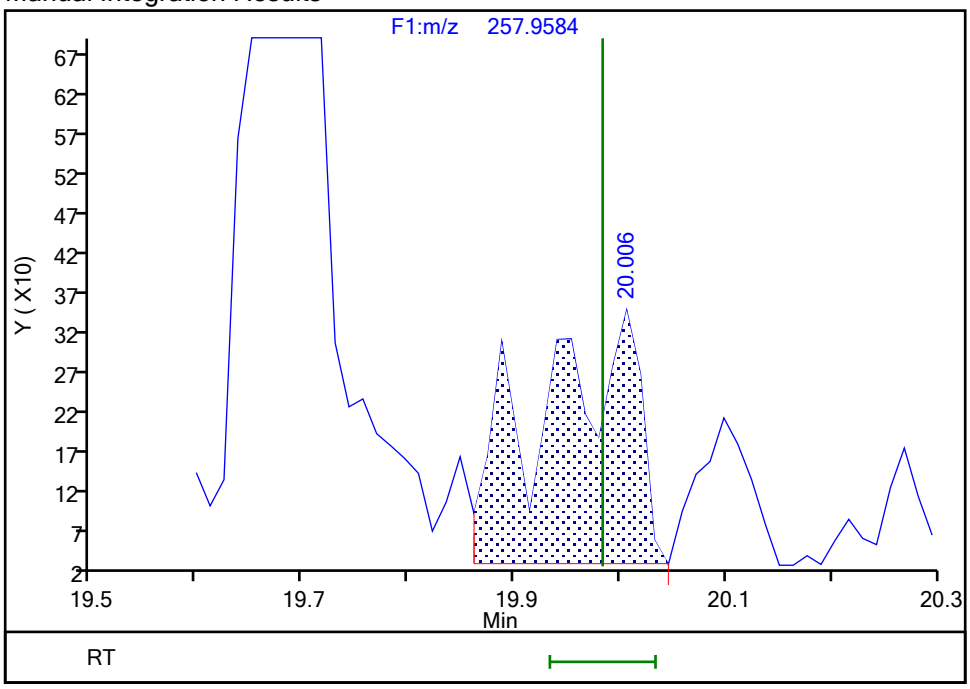
Not Detected
Expected RT: 19.98

Processing Integration Results



Manual Integration Results

RT: 20.01
Area: 2062
Amount: 0.176630
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:13:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

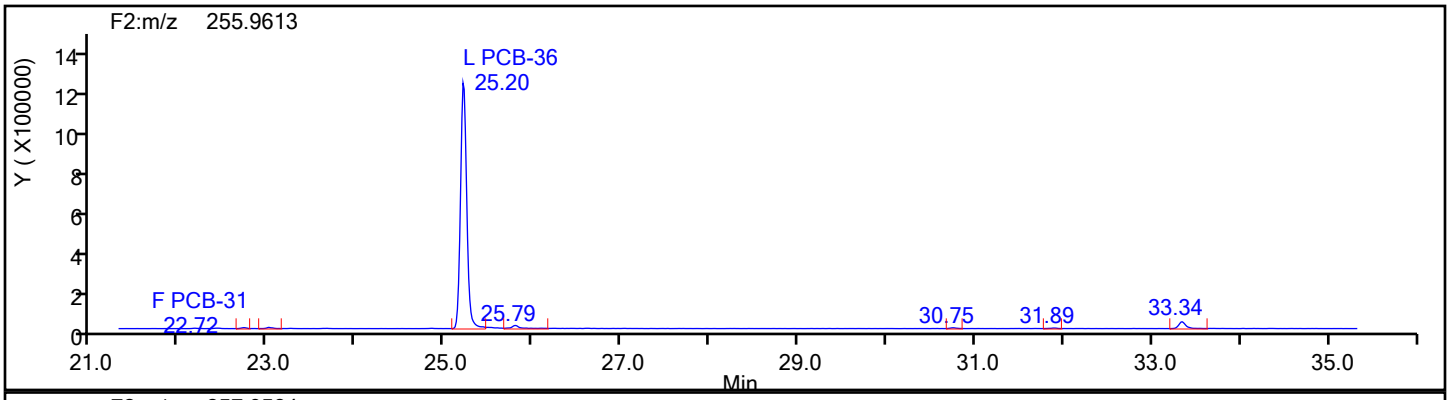
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

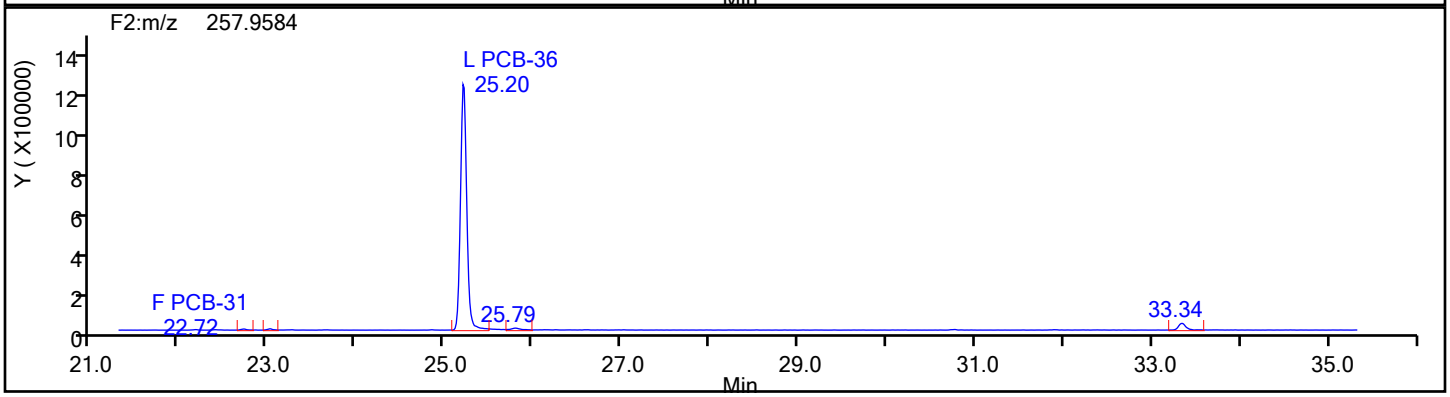
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

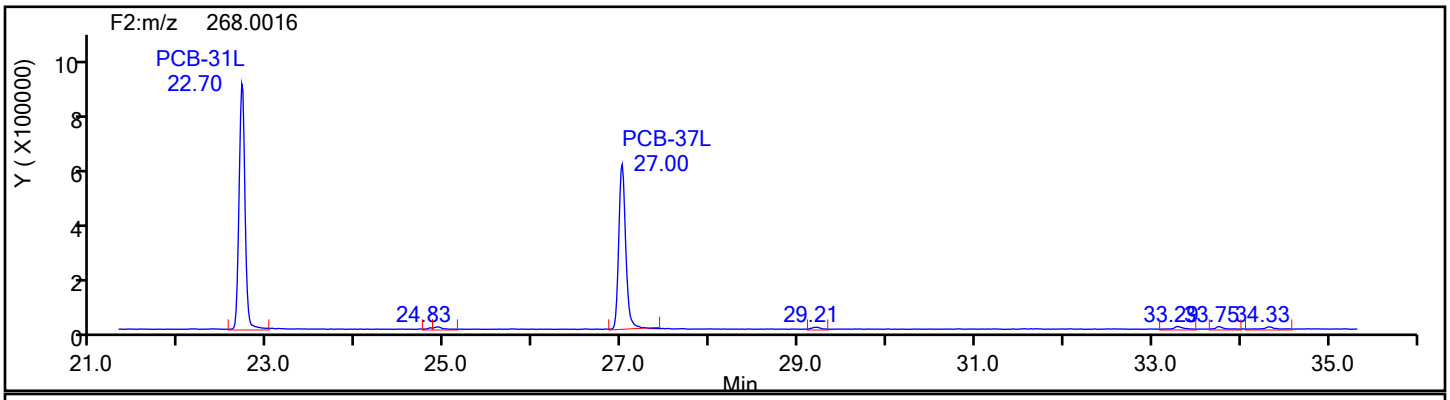
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

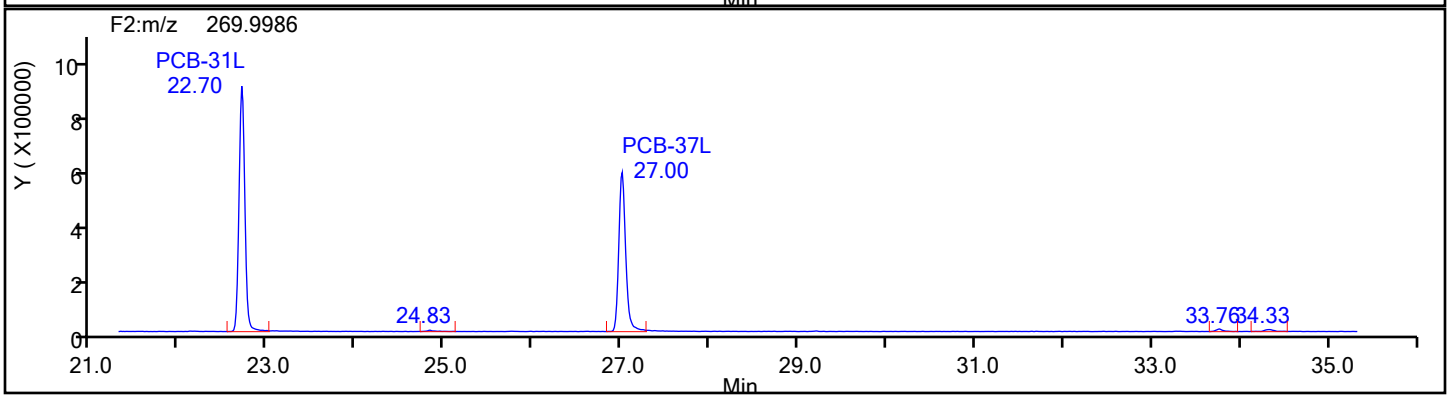
TriPCB F2





TriPCB F2 Standards



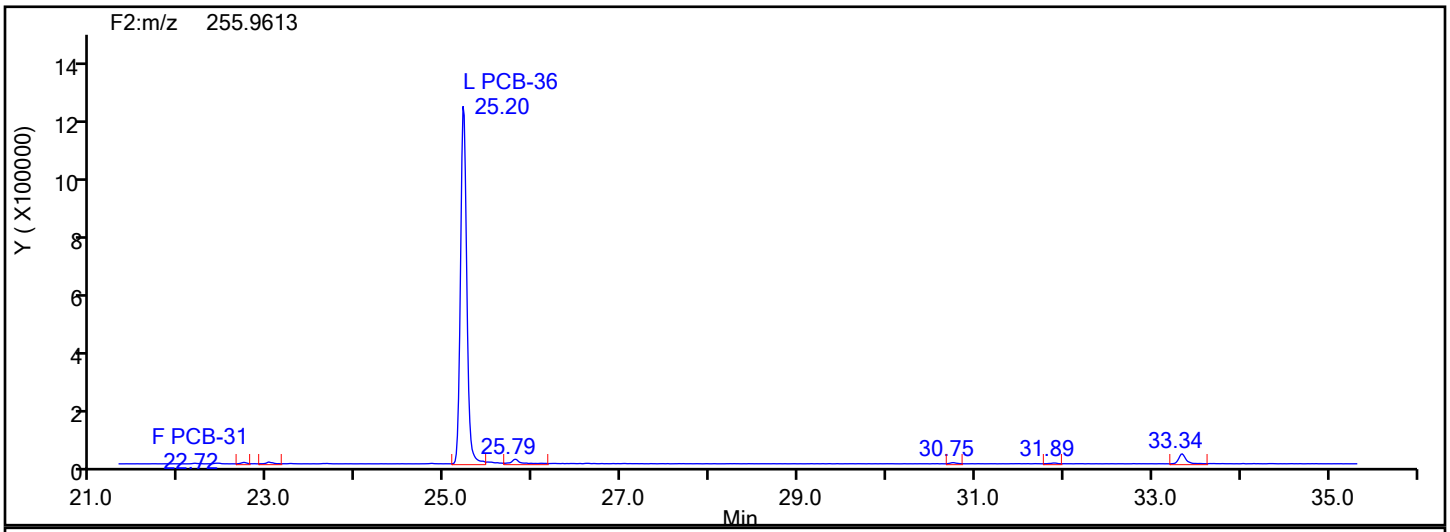


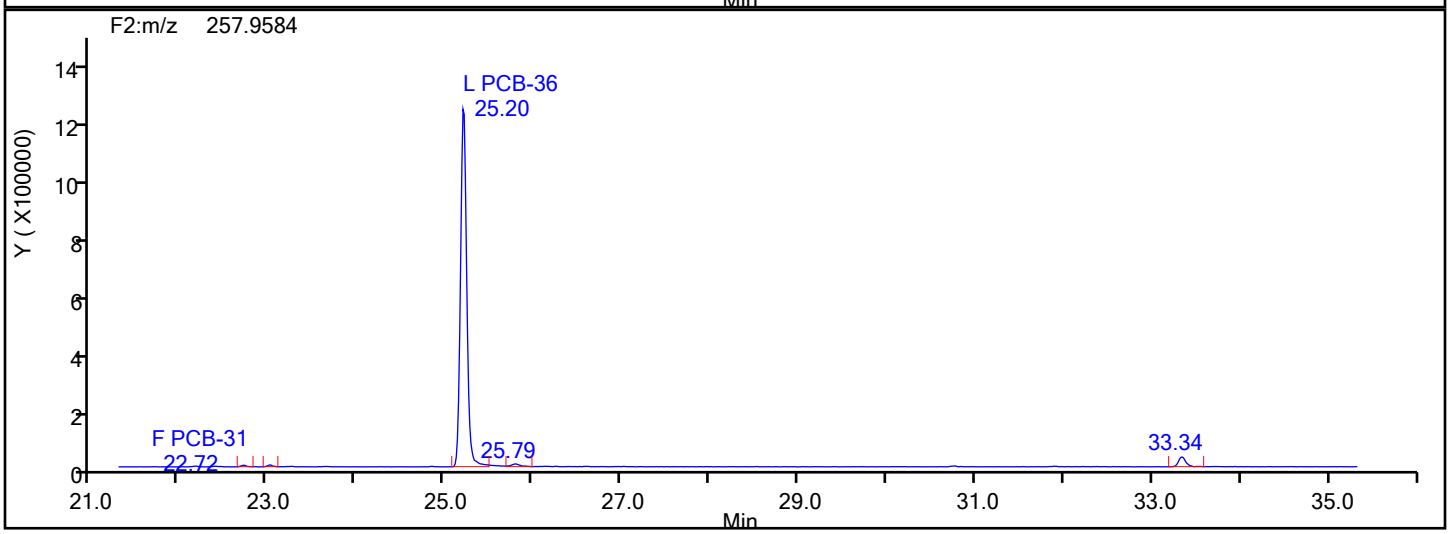
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

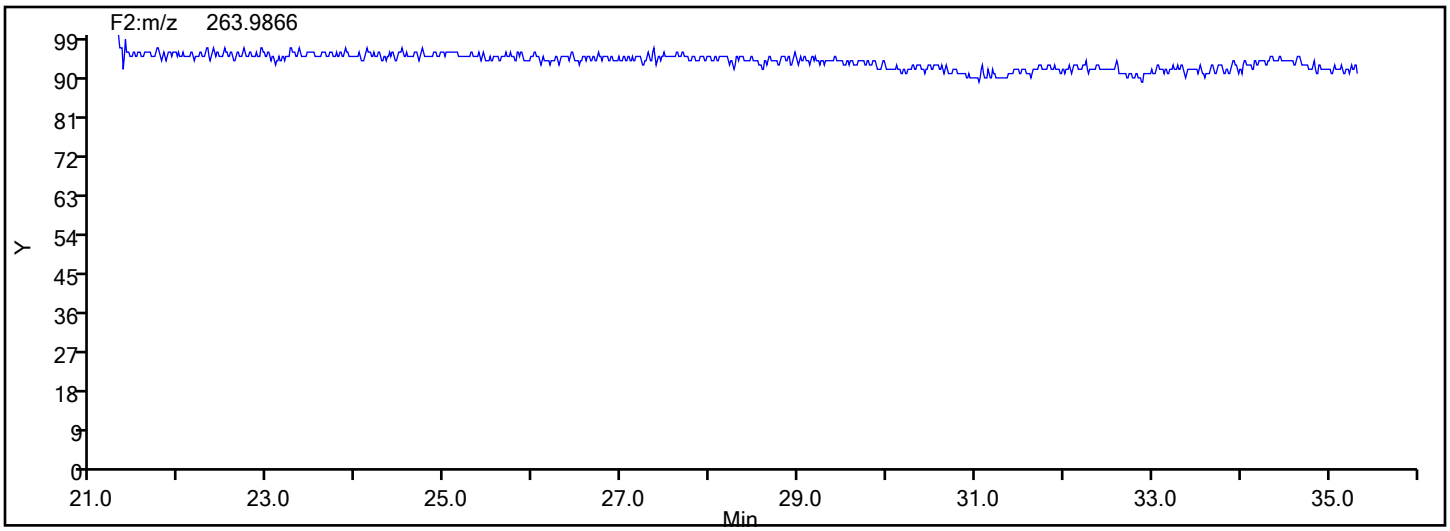
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



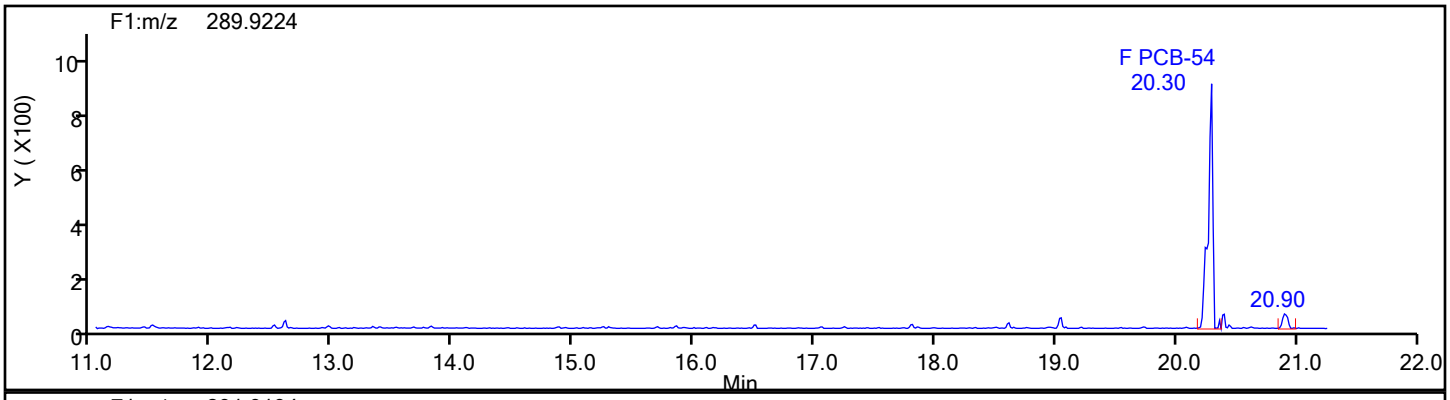
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

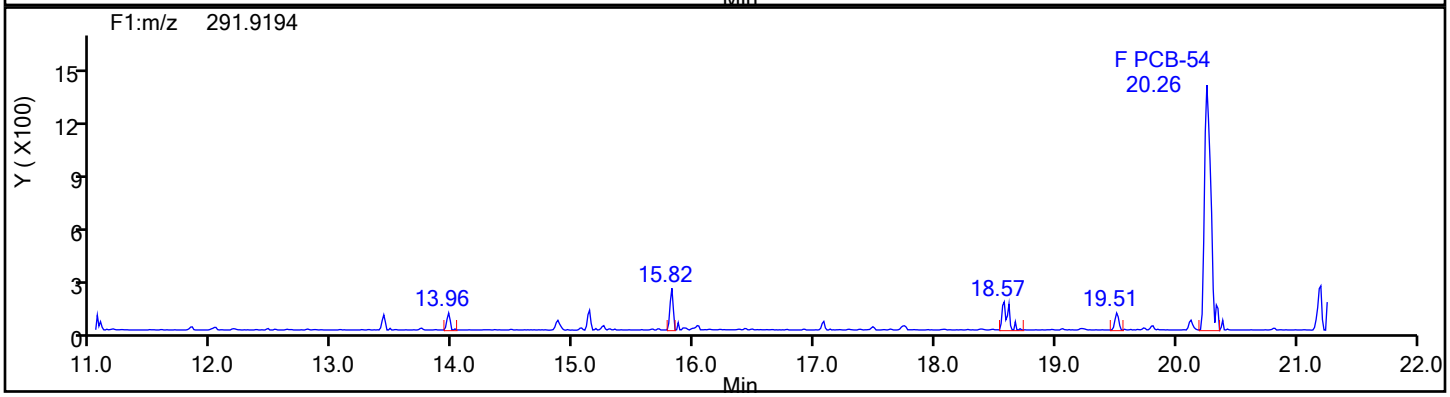
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

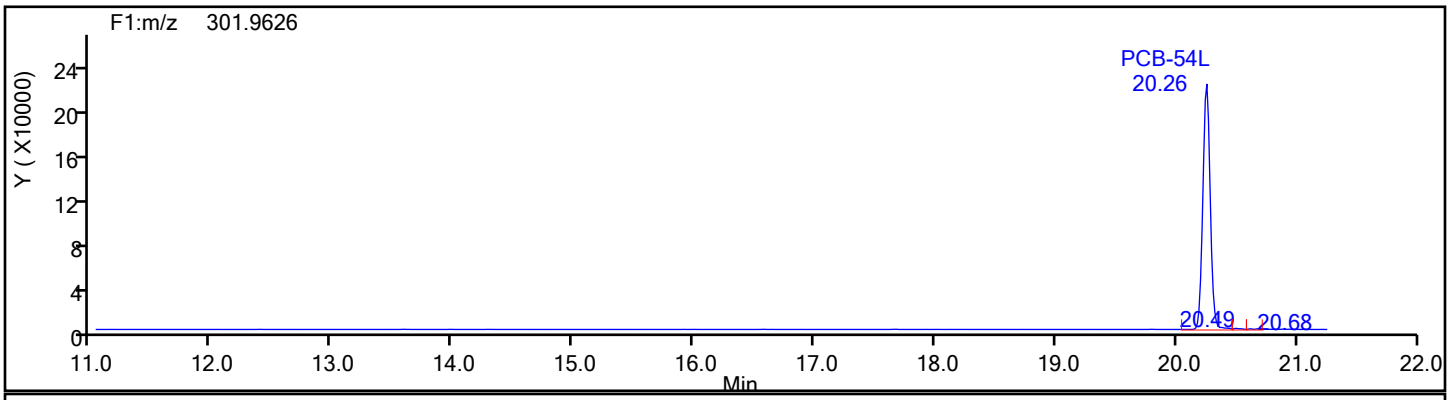
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

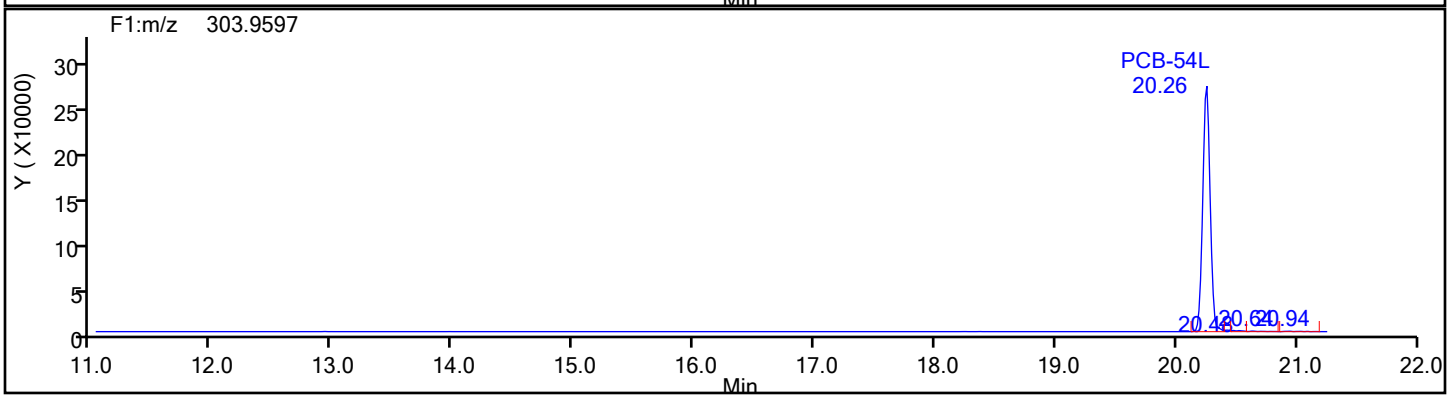
TePCB F1





TePCB F1 Standards



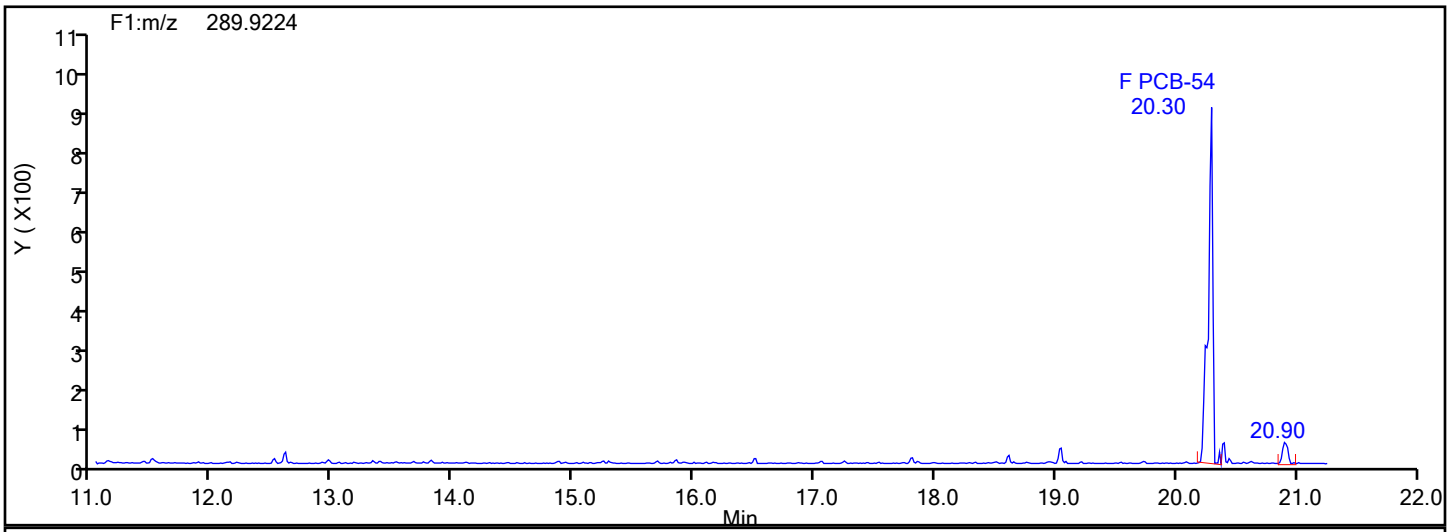


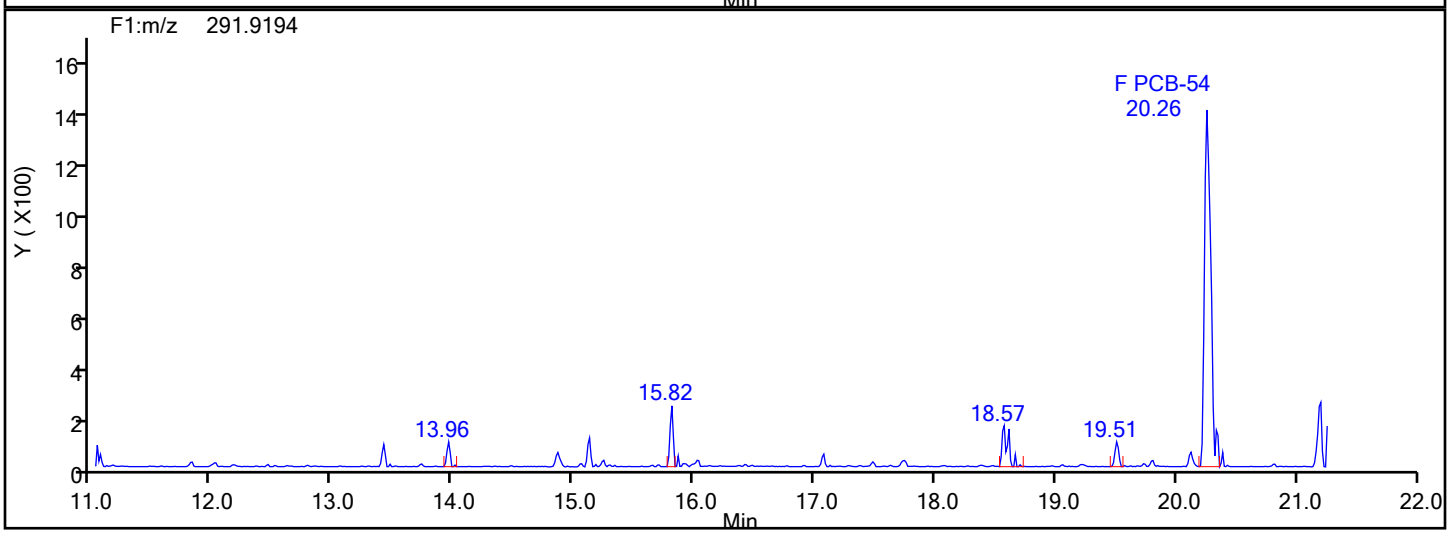
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

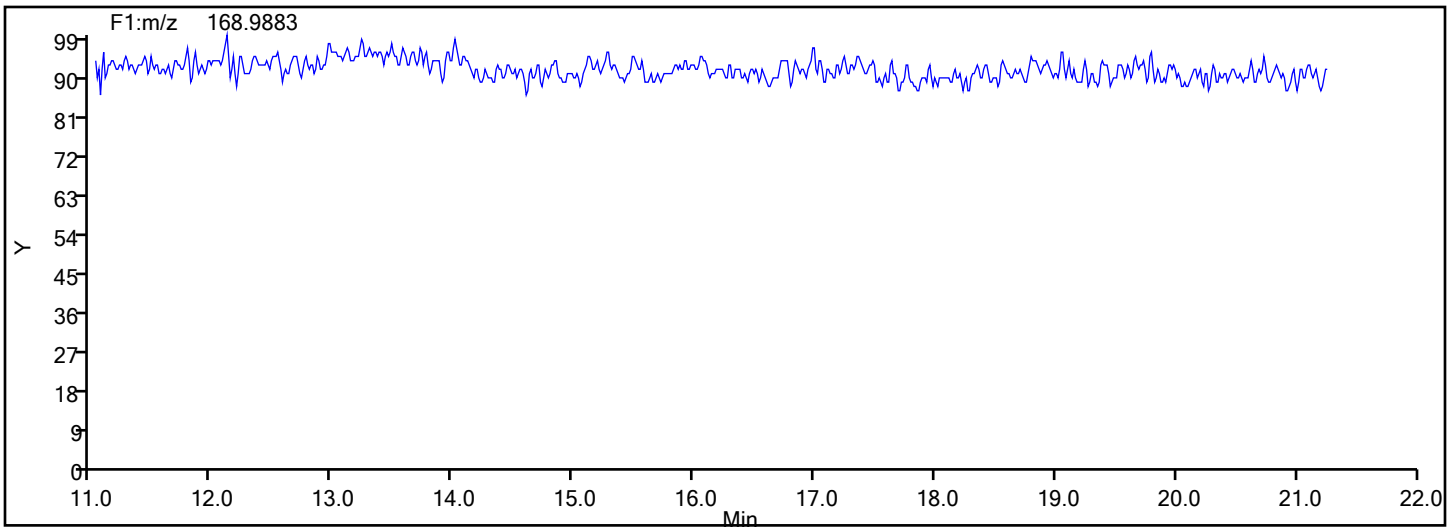
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass

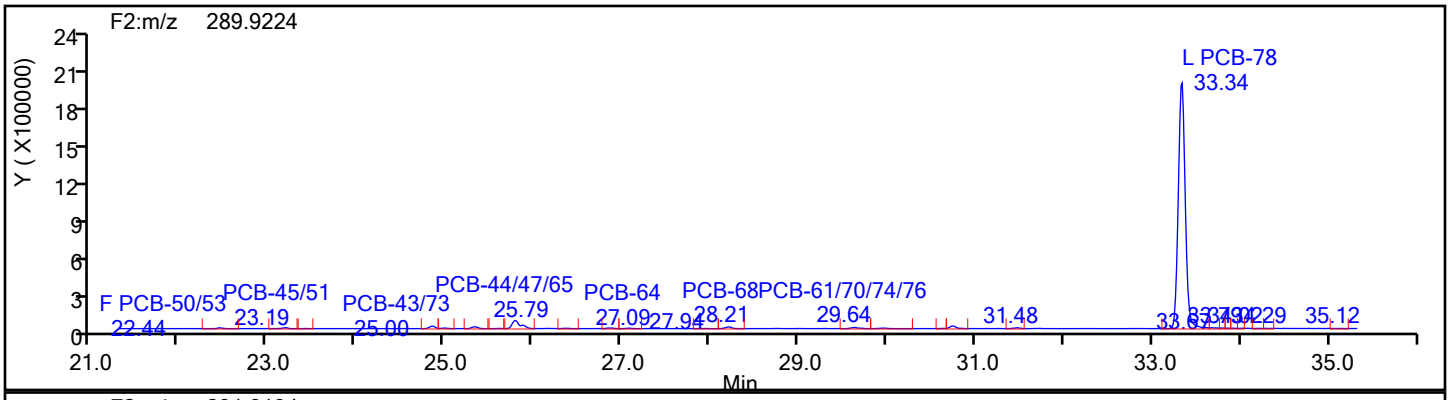


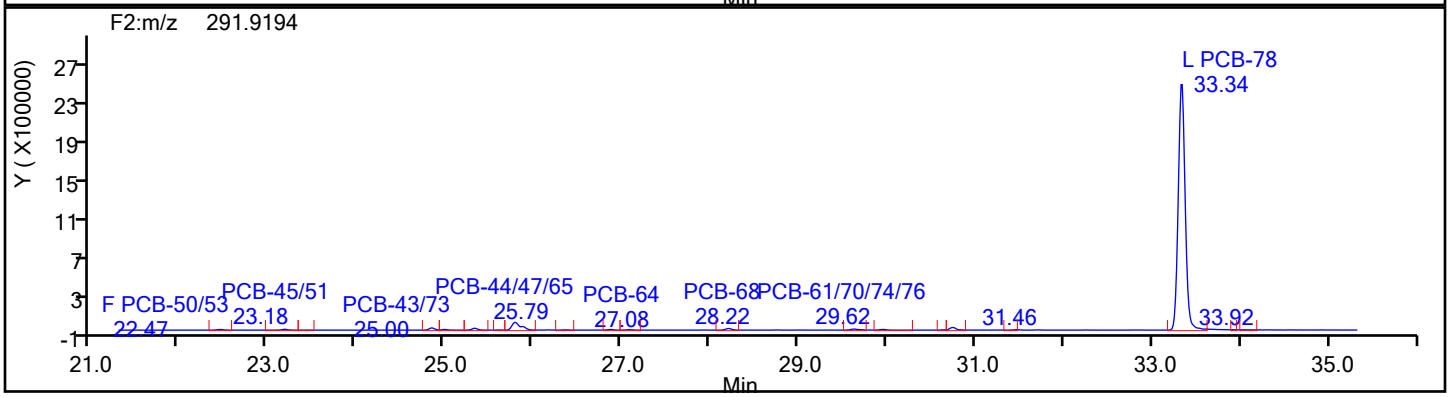
Report Date: 04-Jan-2024 00:27:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

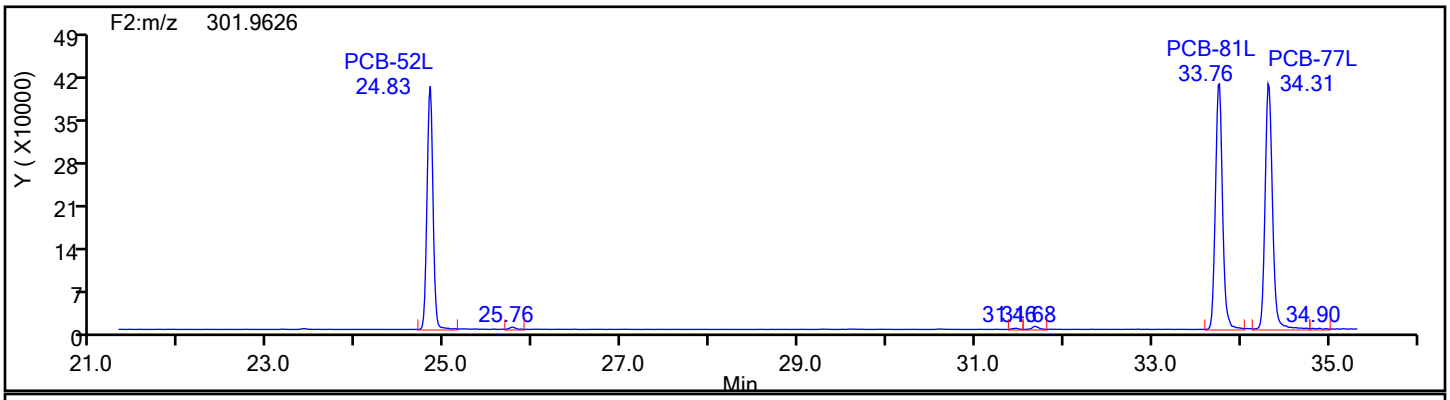
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

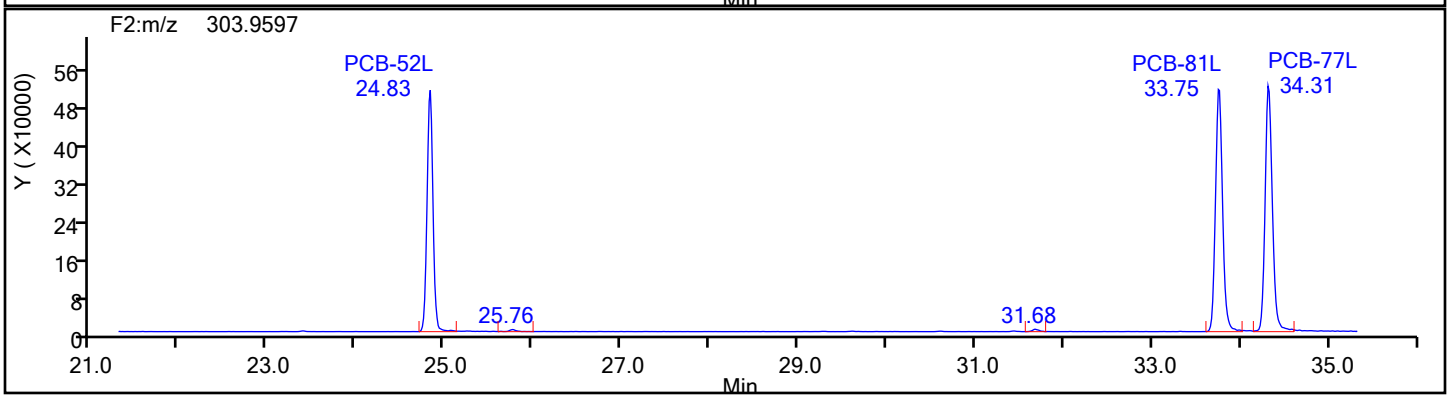
TePCB F2





TePCB F2 Standards



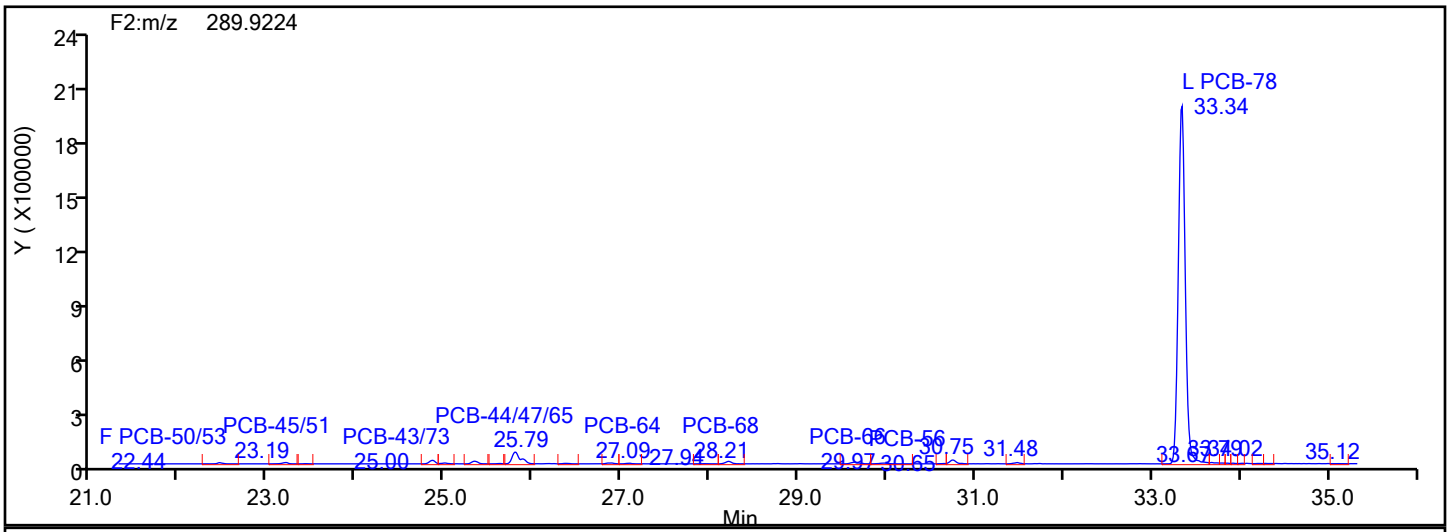


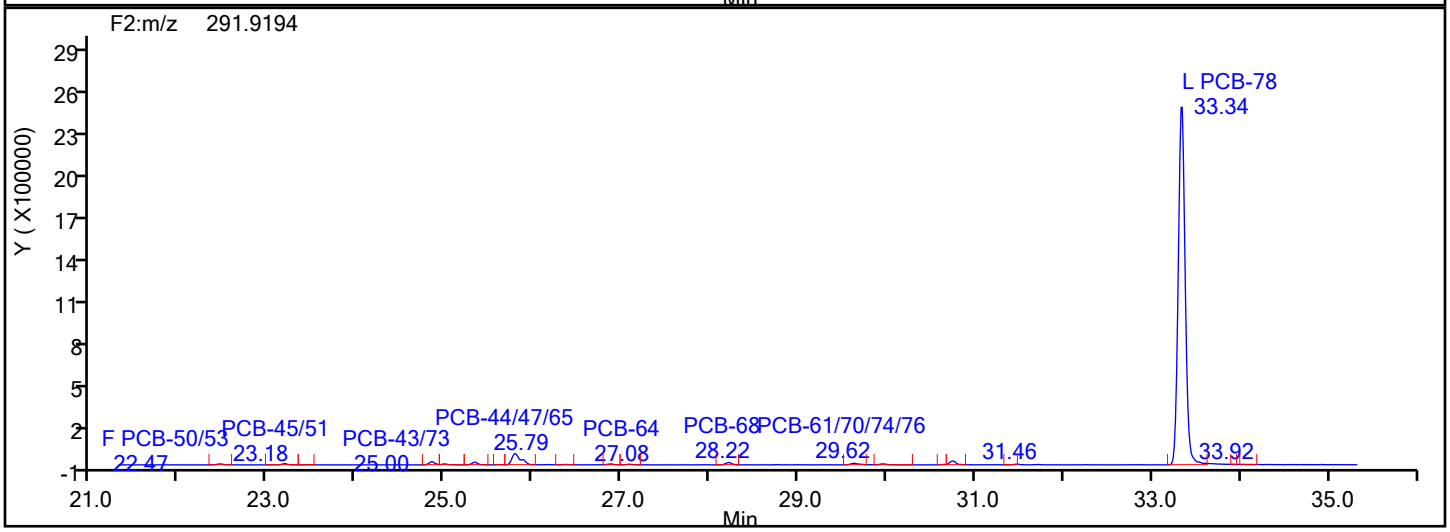
Report Date: 04-Jan-2024 00:27:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

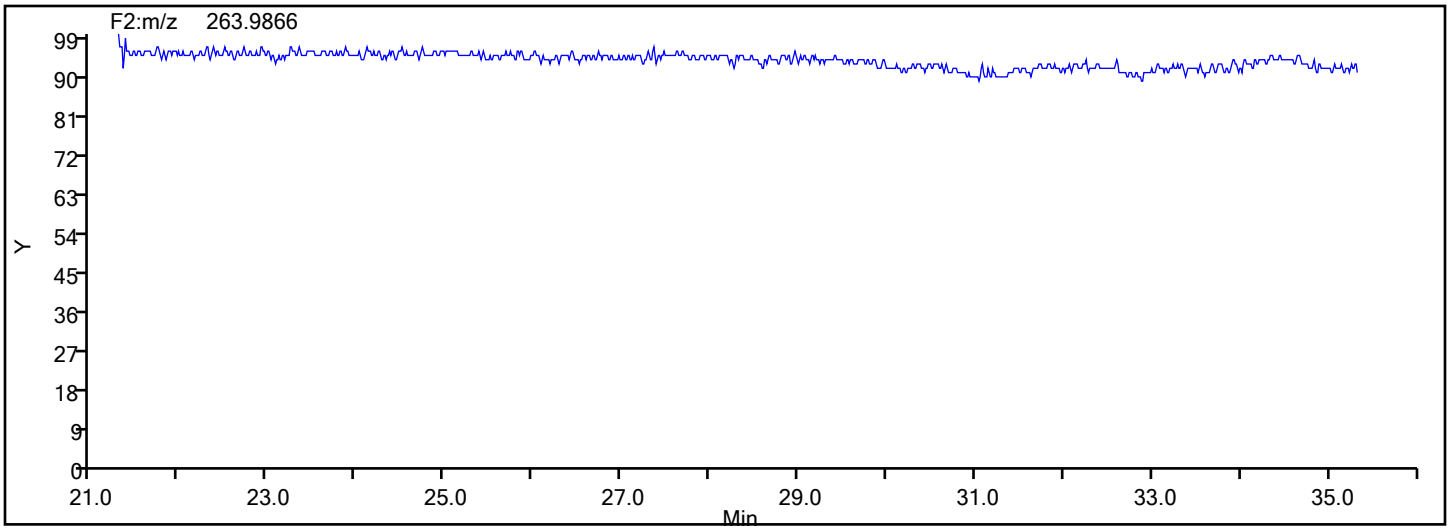
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

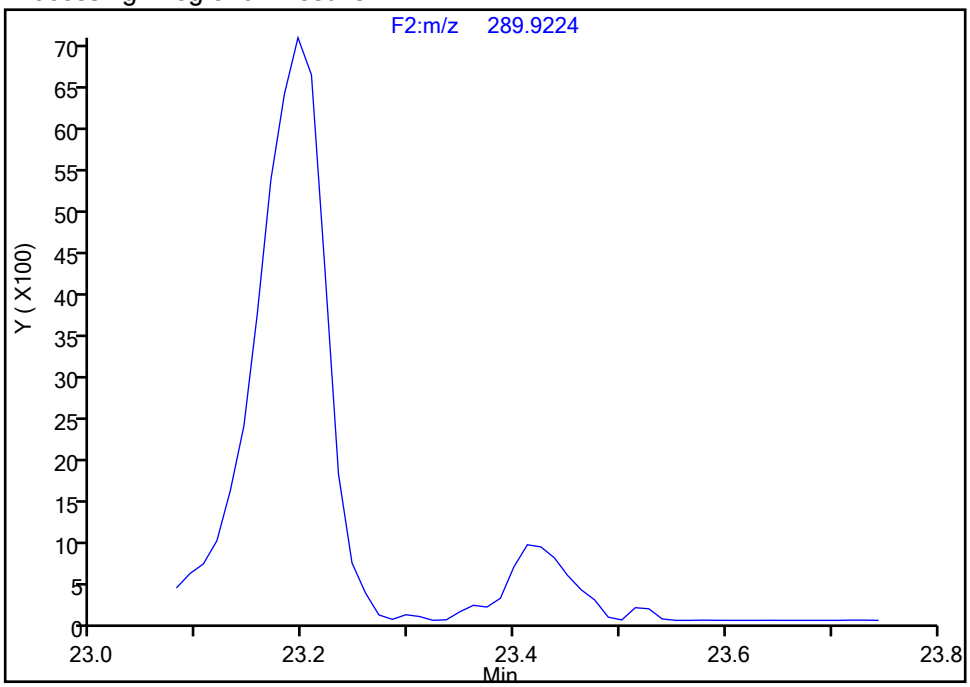
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 1

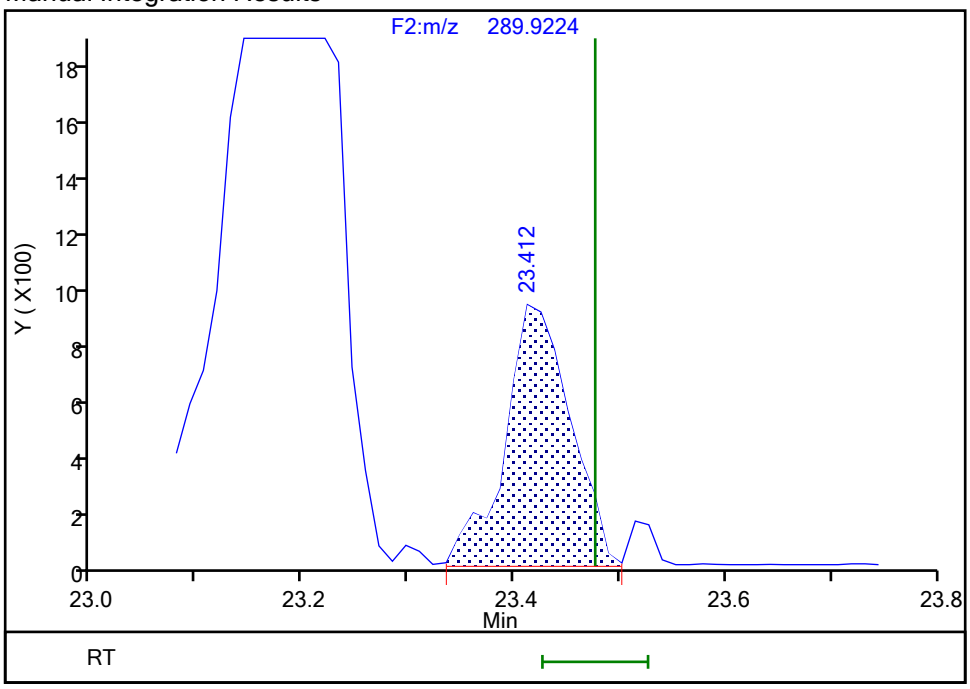
Not Detected
Expected RT: 23.48

Processing Integration Results



Manual Integration Results

RT: 23.41
Area: 3937
Amount: 0.252908
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:14:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

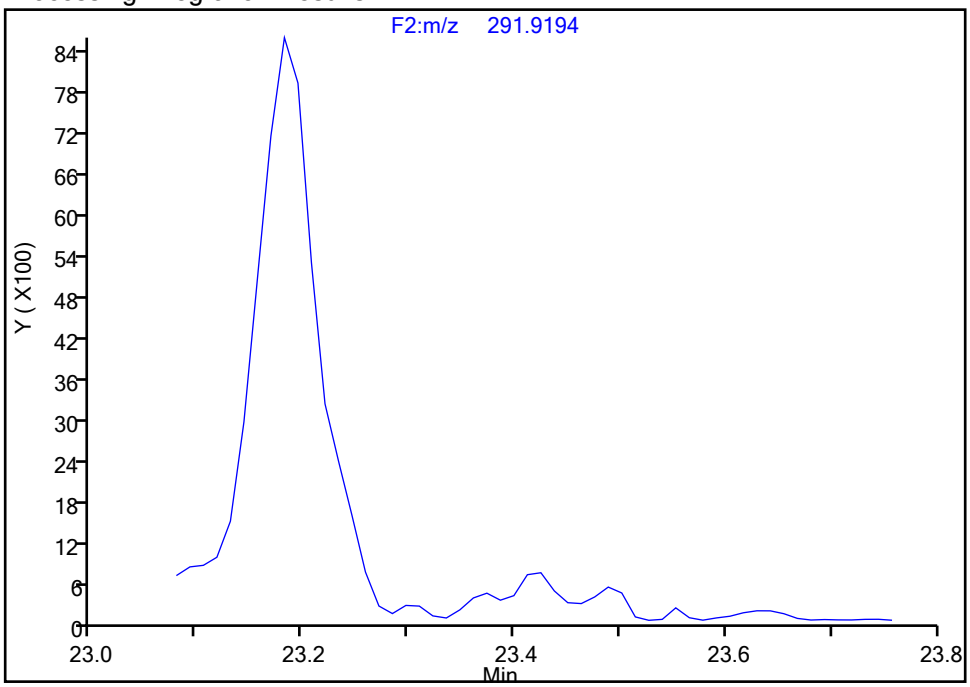
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 2

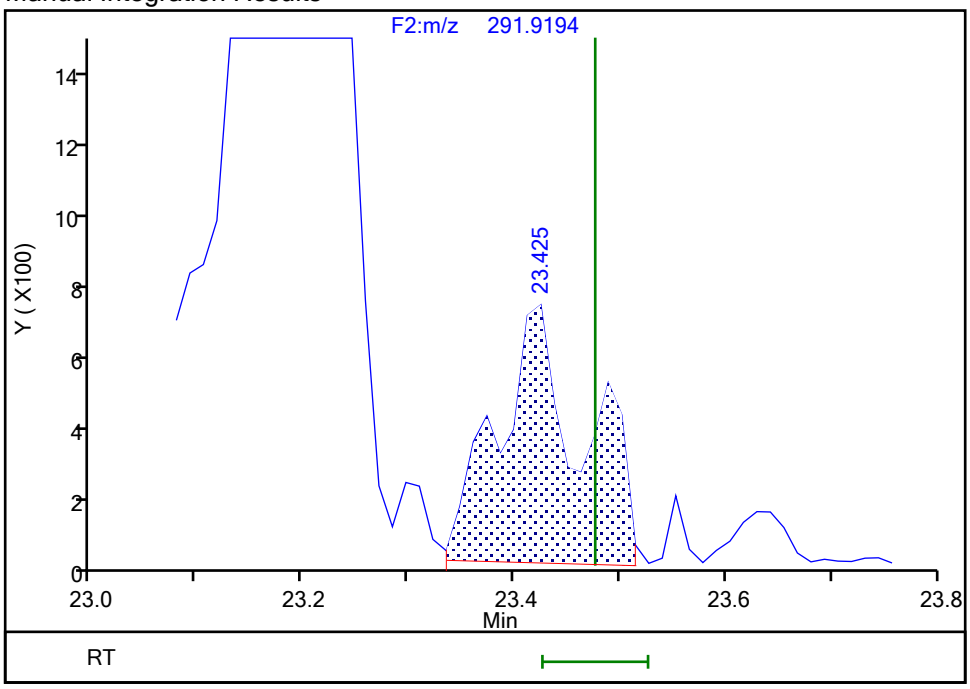
Not Detected
Expected RT: 23.48

Processing Integration Results



Manual Integration Results

RT: 23.42
Area: 3902
Amount: 0.252908
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:14:20 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

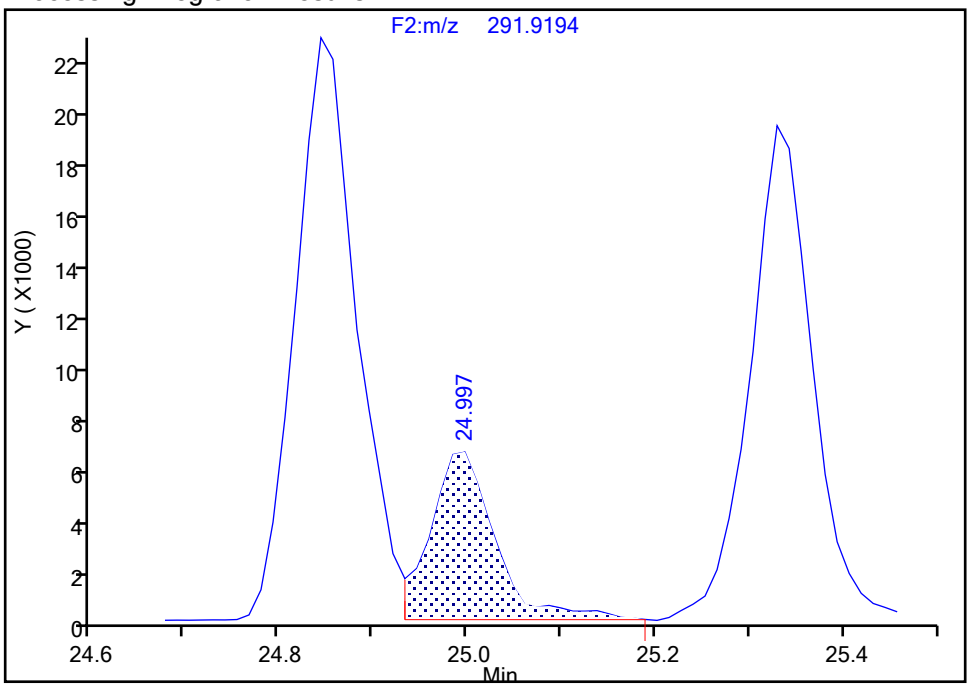
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-43/73, CAS: STL02293

Signal: 2

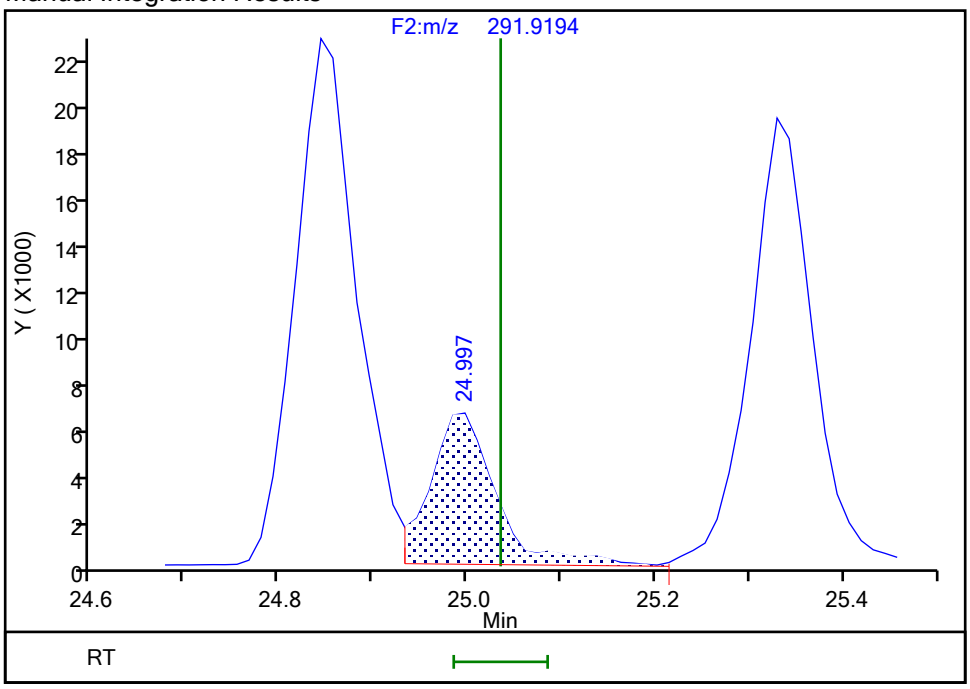
Processing Integration Results

RT: 25.00
Area: 30414
Amount: 1.140931
Amount Units: pg/ul



Manual Integration Results

RT: 25.00
Area: 30667
Amount: 1.146329
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:14:30 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

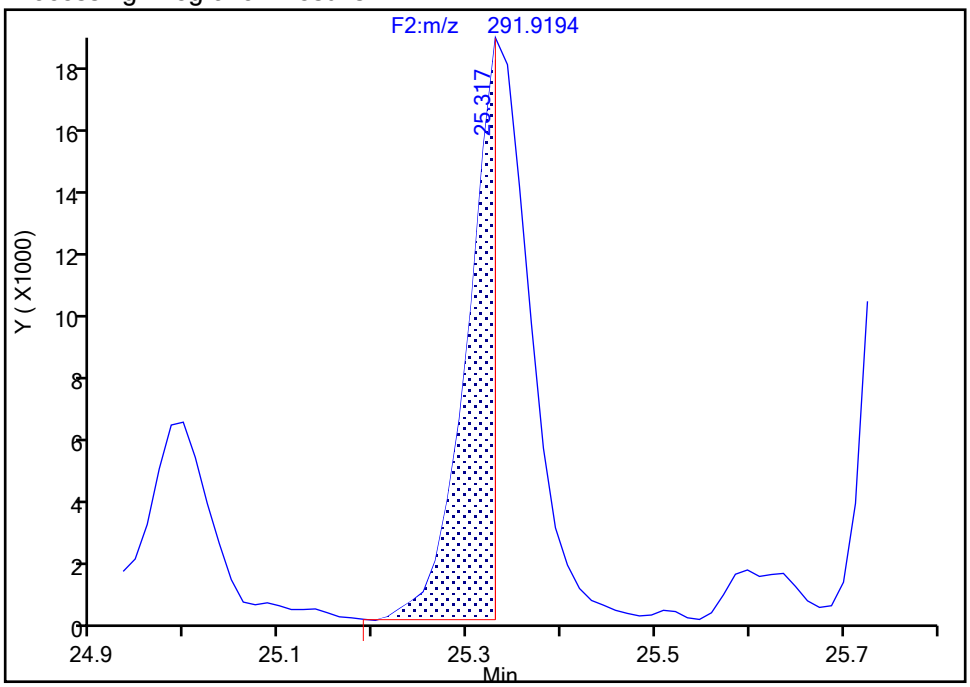
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d
Injection Date: 03-Jan-2024 19:31:00 Instrument ID: D2D
Lims ID: 140-34509-A-1-B Lab Sample ID: 140-34509-1
Client ID: PW-01
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 2

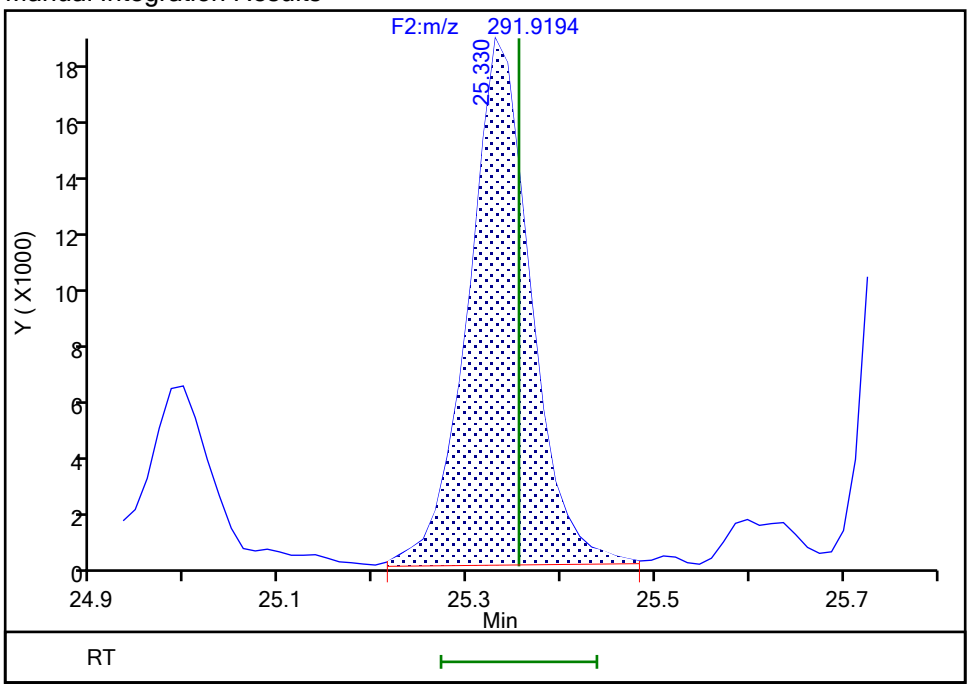
Processing Integration Results

RT: 25.32
Area: 37689
Amount: 2.327301
Amount Units: pg/ul



Manual Integration Results

RT: 25.33
Area: 86915
Amount: 3.377737
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:14:30 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

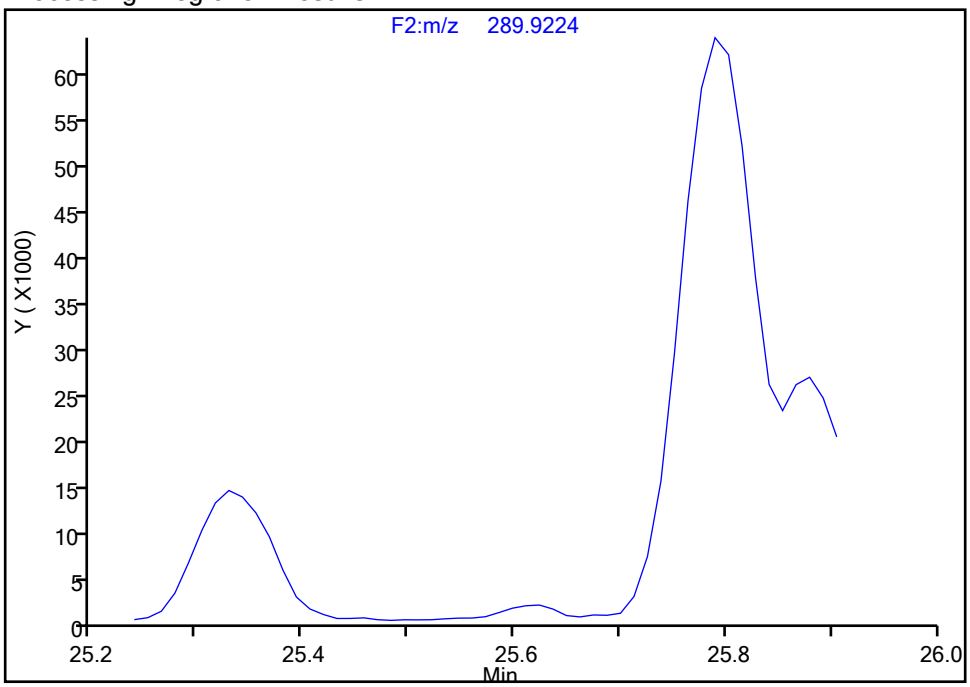
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-48, CAS: 70362-47-9

Signal: 1

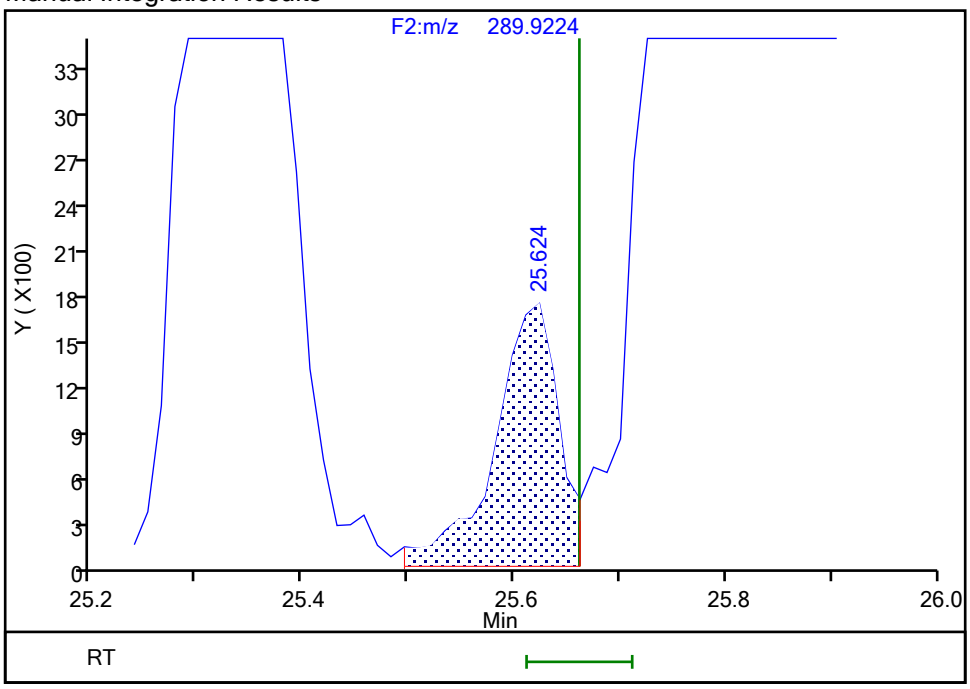
Not Detected
Expected RT: 25.66

Processing Integration Results



Manual Integration Results

RT: 25.62
Area: 7143
Amount: 0.384265
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:14:42 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

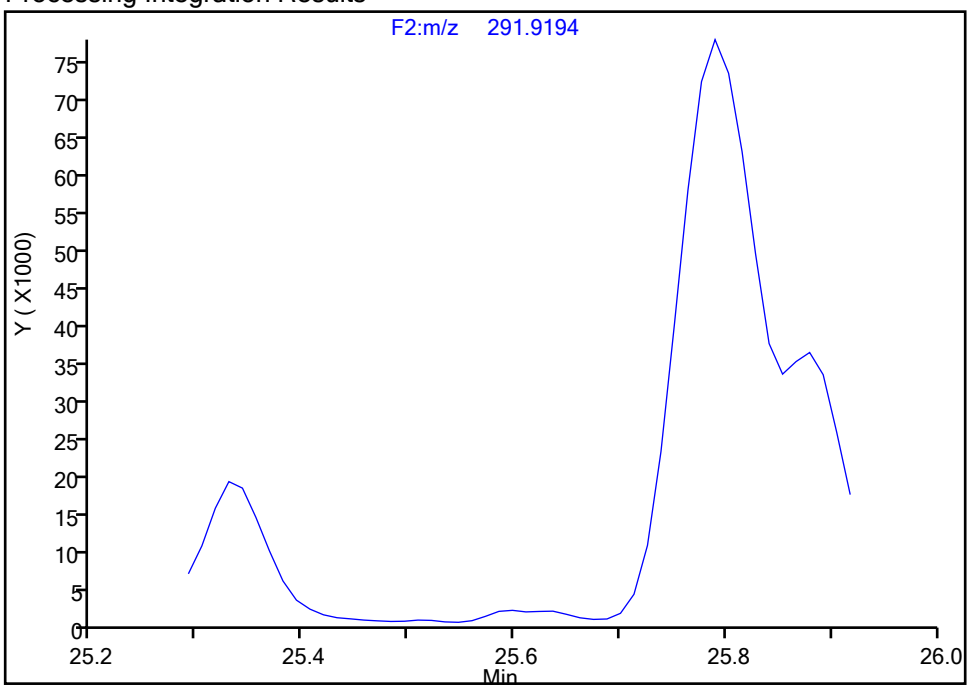
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-48, CAS: 70362-47-9

Signal: 2

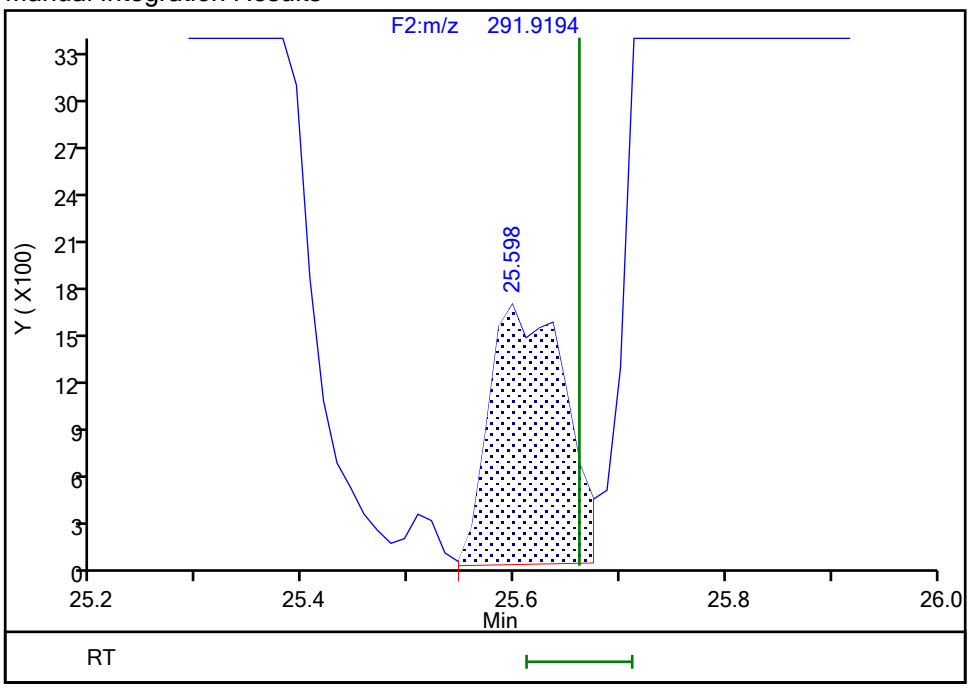
Not Detected
Expected RT: 25.66

Processing Integration Results



Manual Integration Results

RT: 25.60
Area: 7986
Amount: 0.384265
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:14:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

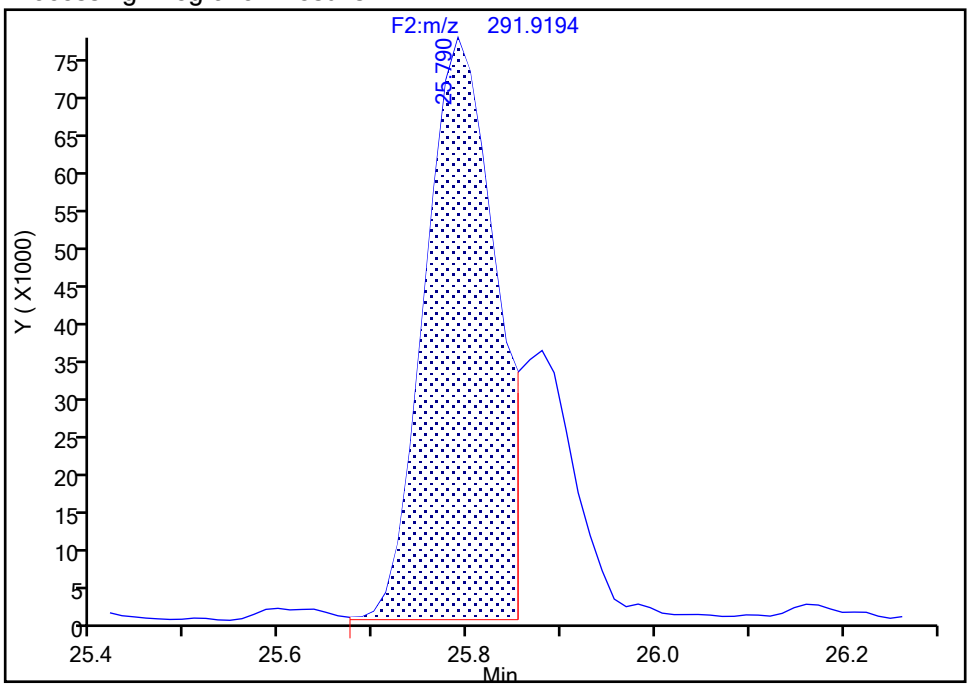
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-44/47/65, CAS: STL01803

Signal: 2

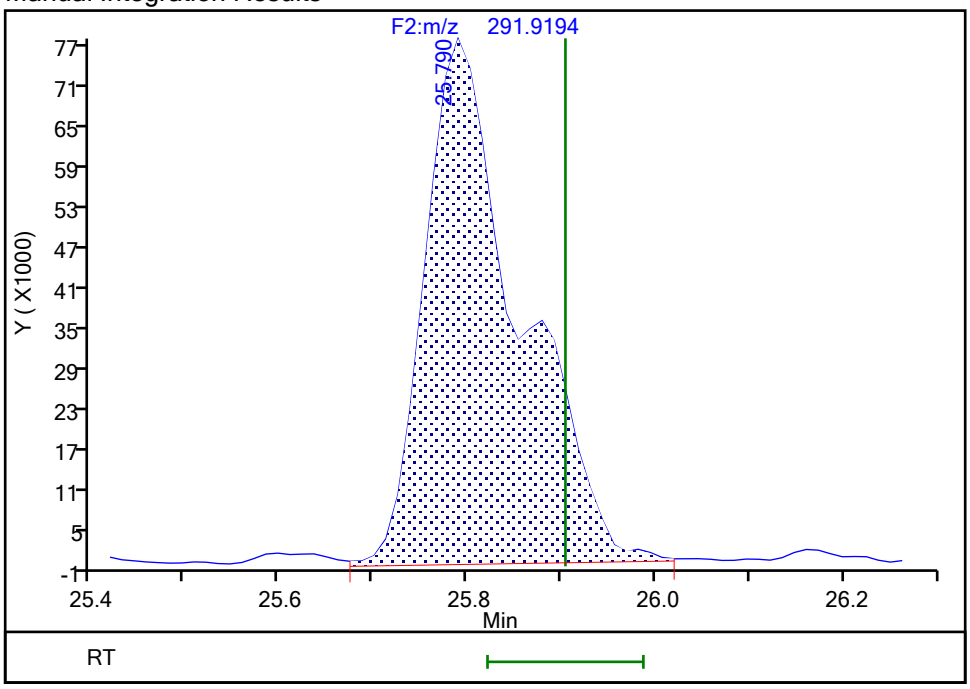
Processing Integration Results

RT: 25.79
Area: 403963
Amount: 16.342049
Amount Units: pg/ul



Manual Integration Results

RT: 25.79
Area: 547992
Amount: 21.893258
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:15:08 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

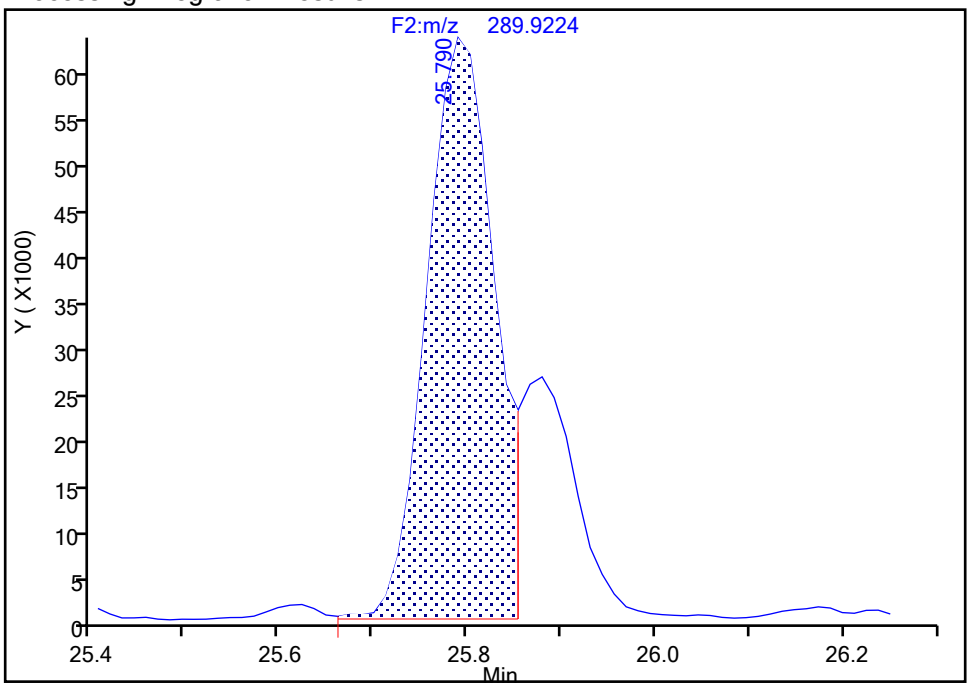
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-44/47/65, CAS: STL01803

Signal: 1

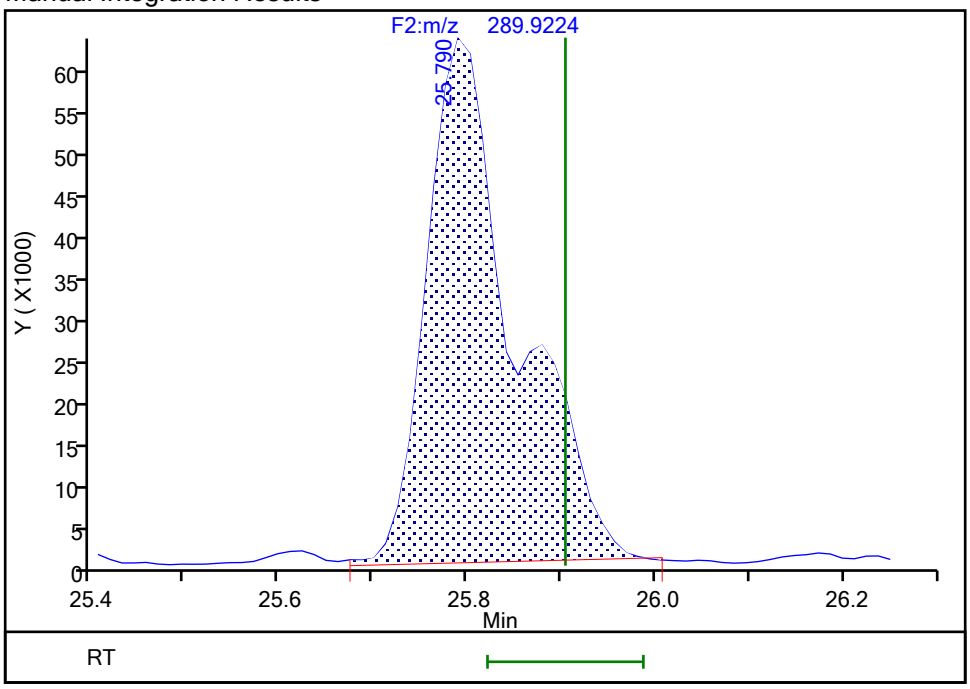
Processing Integration Results

RT: 25.79
Area: 315010
Amount: 16.342049
Amount Units: pg/ul



Manual Integration Results

RT: 25.79
Area: 415208
Amount: 21.893258
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:15:16 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

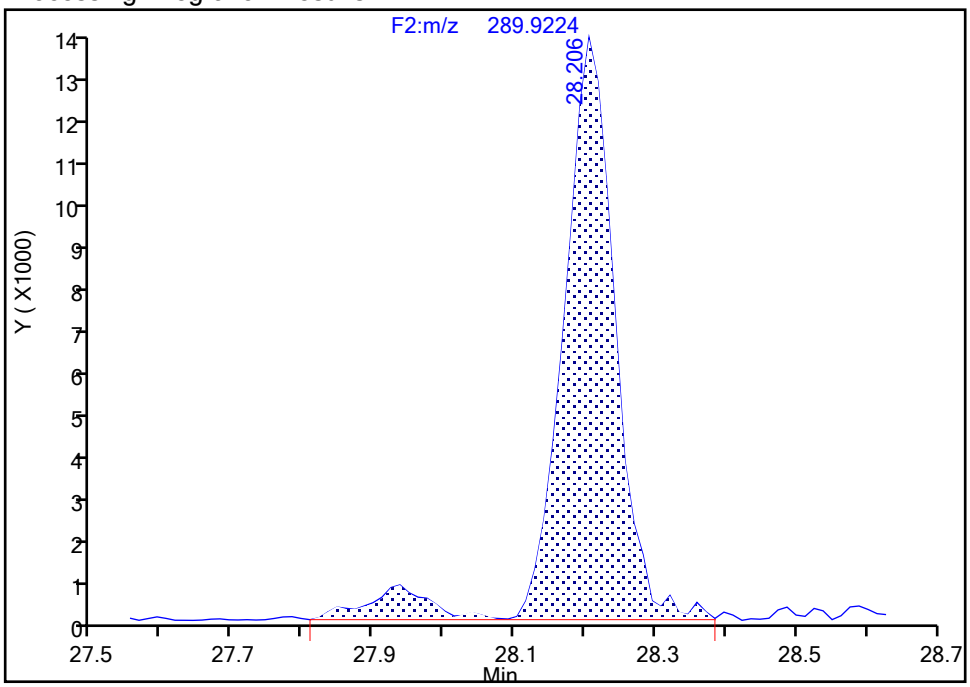
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-68, CAS: 73575-52-7

Signal: 1

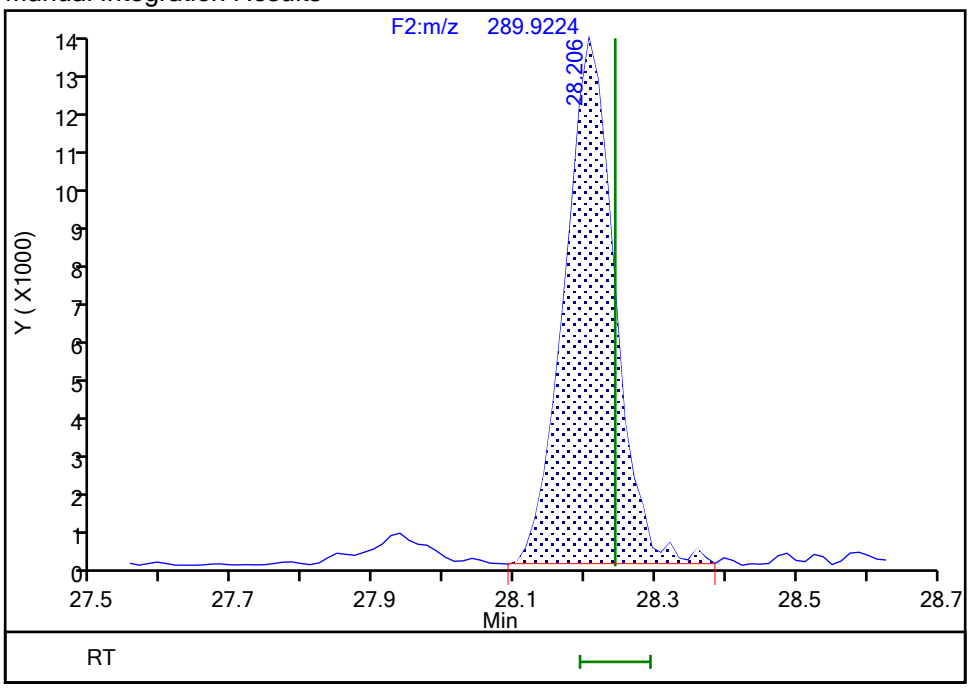
Processing Integration Results

RT: 28.21
Area: 72276
Amount: 2.571433
Amount Units: pg/ul



Manual Integration Results

RT: 28.21
Area: 67277
Amount: 2.486710
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:15:35 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

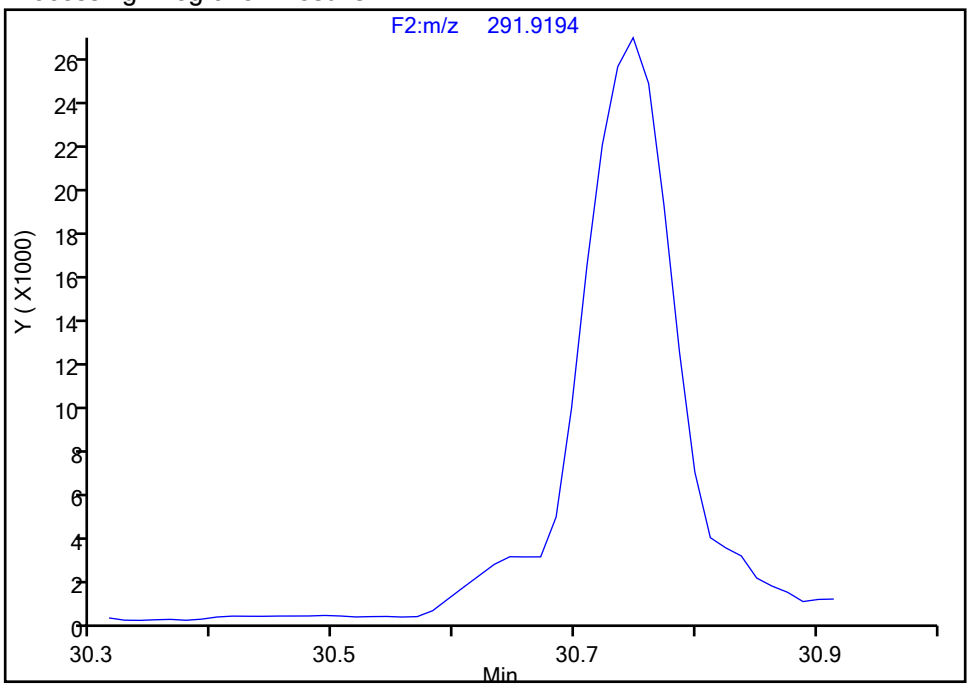
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-56, CAS: 41464-43-1

Signal: 2

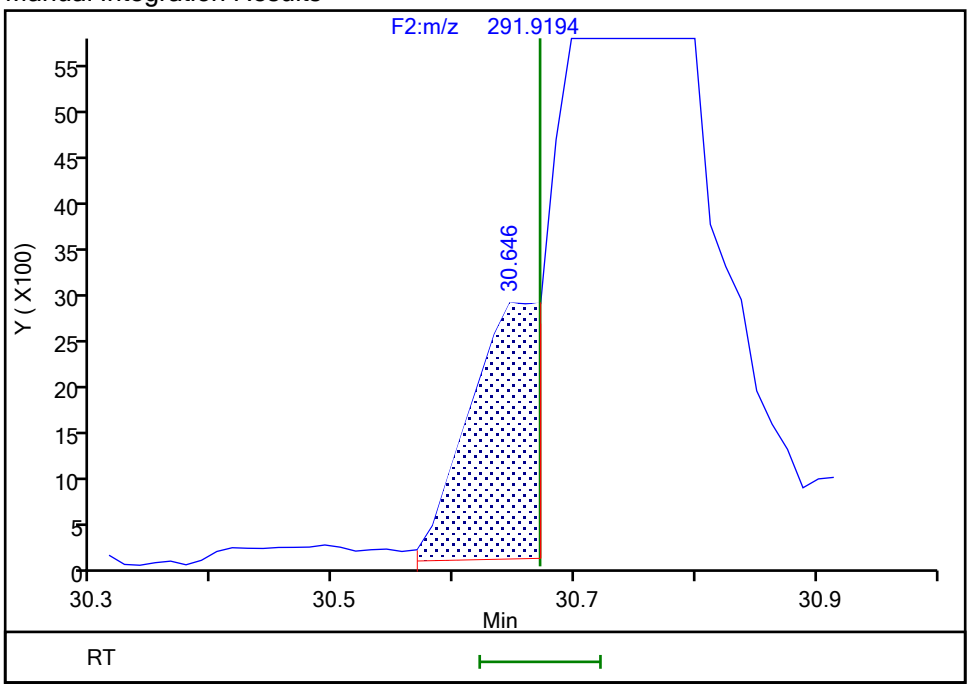
Not Detected
Expected RT: 30.67

Processing Integration Results



Manual Integration Results

RT: 30.65
Area: 10870
Amount: 0.279828
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:17:23 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

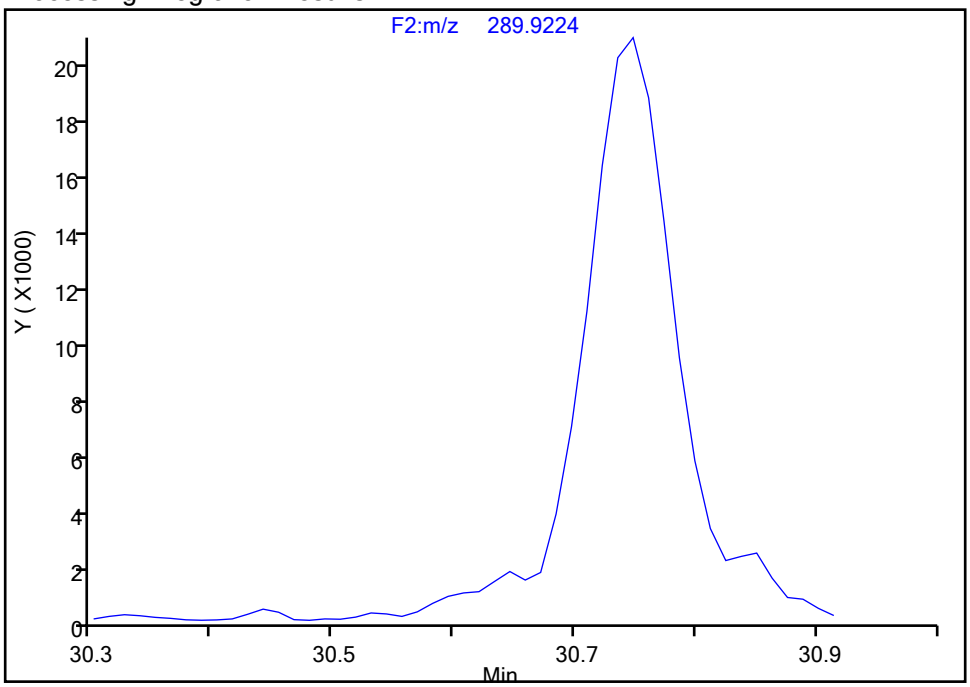
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-56, CAS: 41464-43-1

Signal: 1

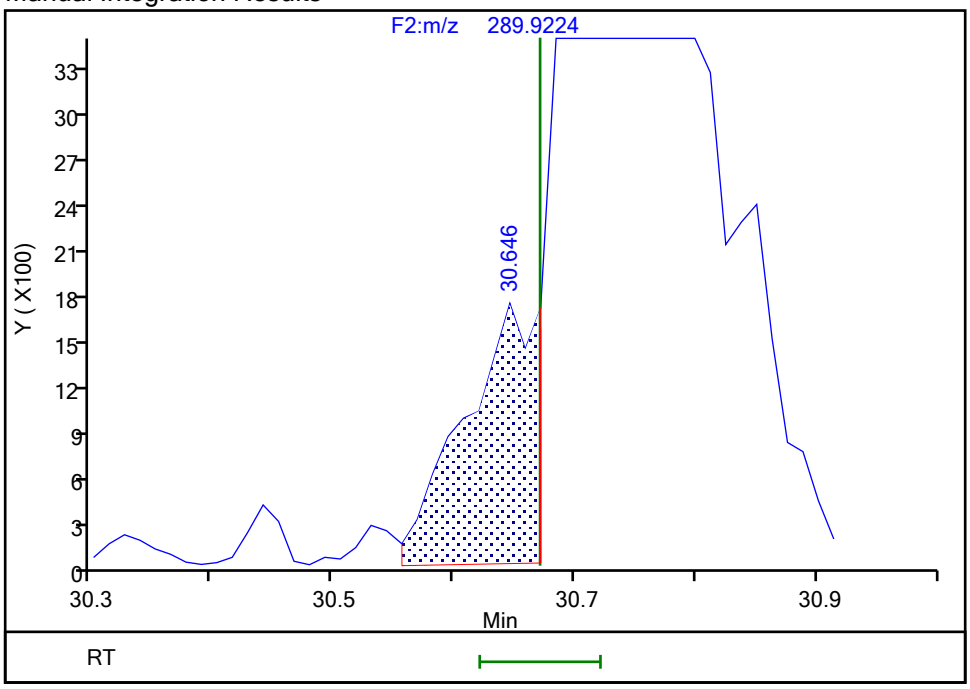
Not Detected
Expected RT: 30.67

Processing Integration Results



Manual Integration Results

RT: 30.65
Area: 6980
Amount: 0.279828
Amount Units: pg/ul



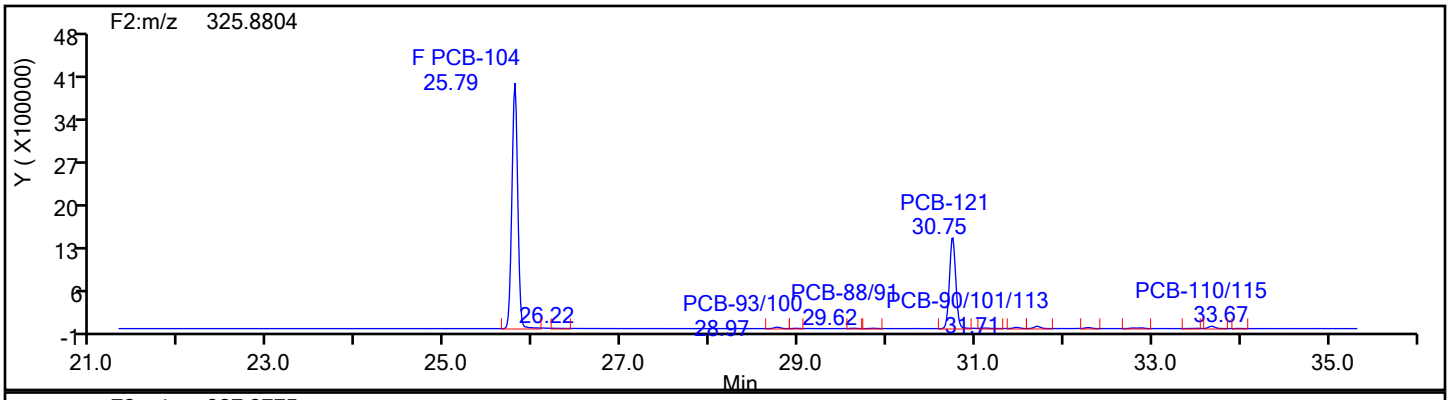
Reviewer: V4XA, 04-Jan-2024 00:17:25 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

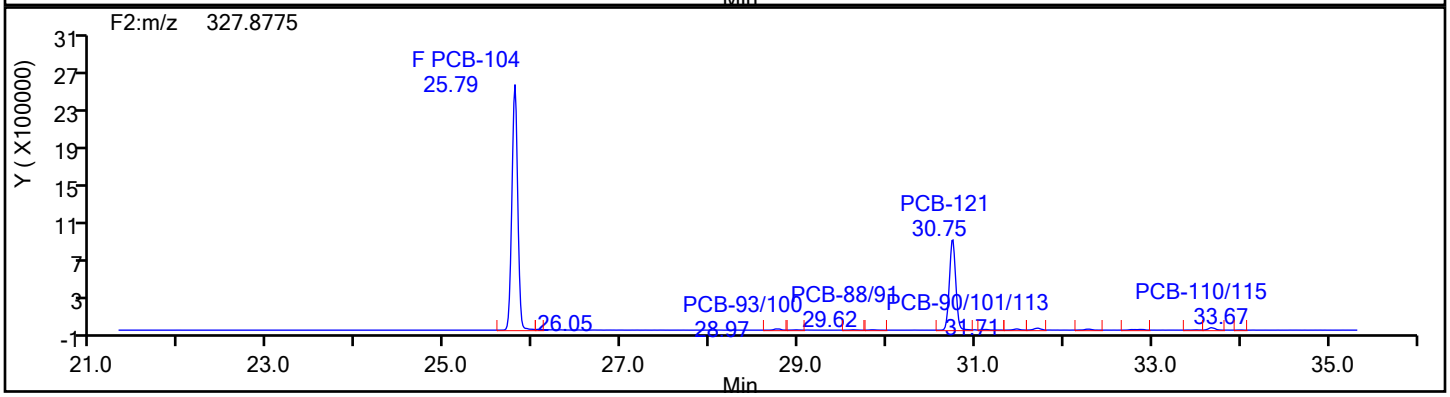
Report Date: 04-Jan-2024 00:27:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

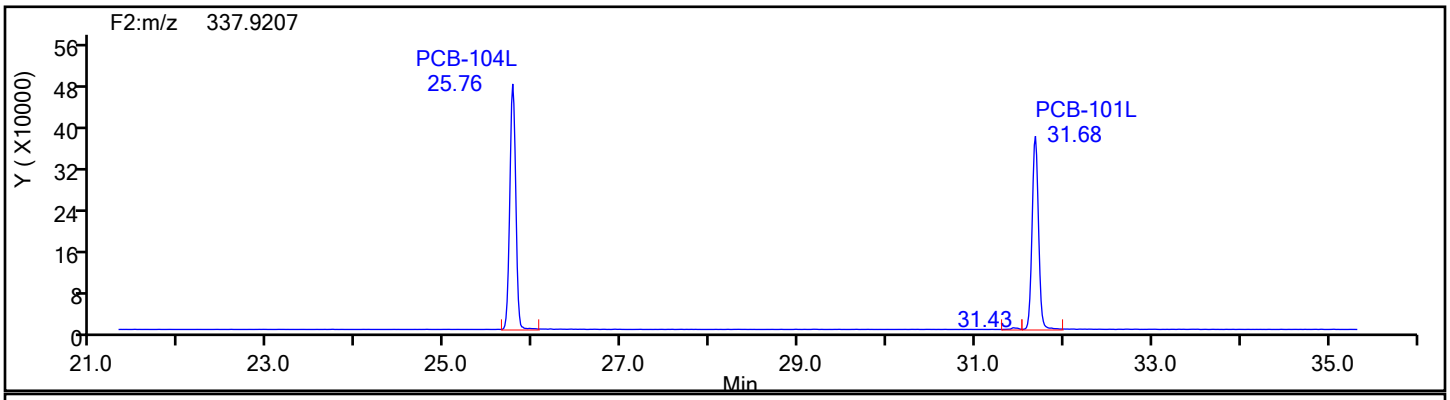
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

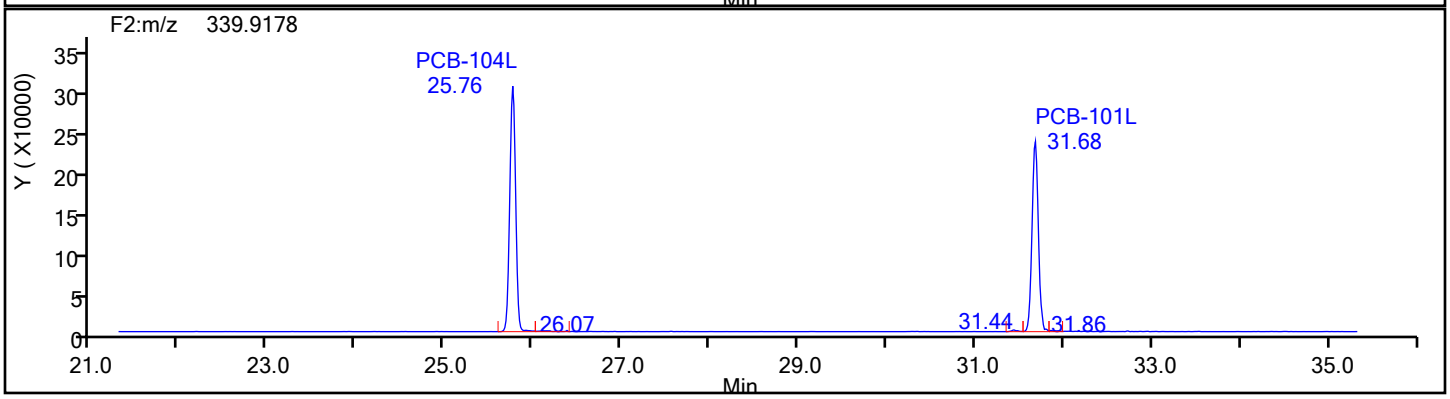
PePCB F2





PePCB F2 Standards



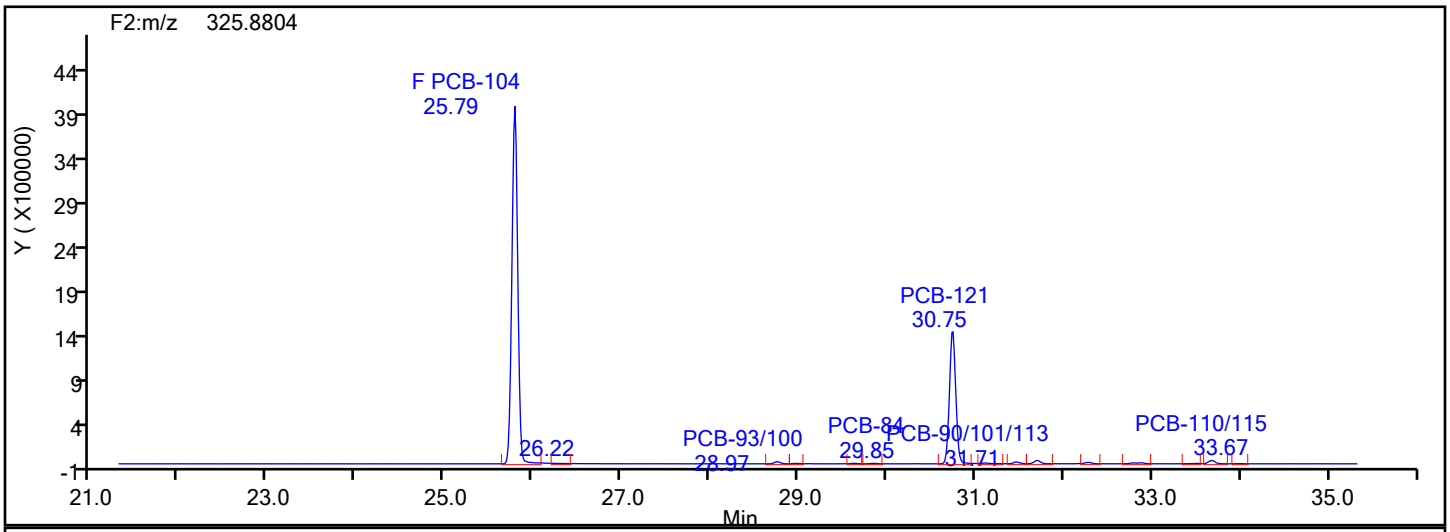


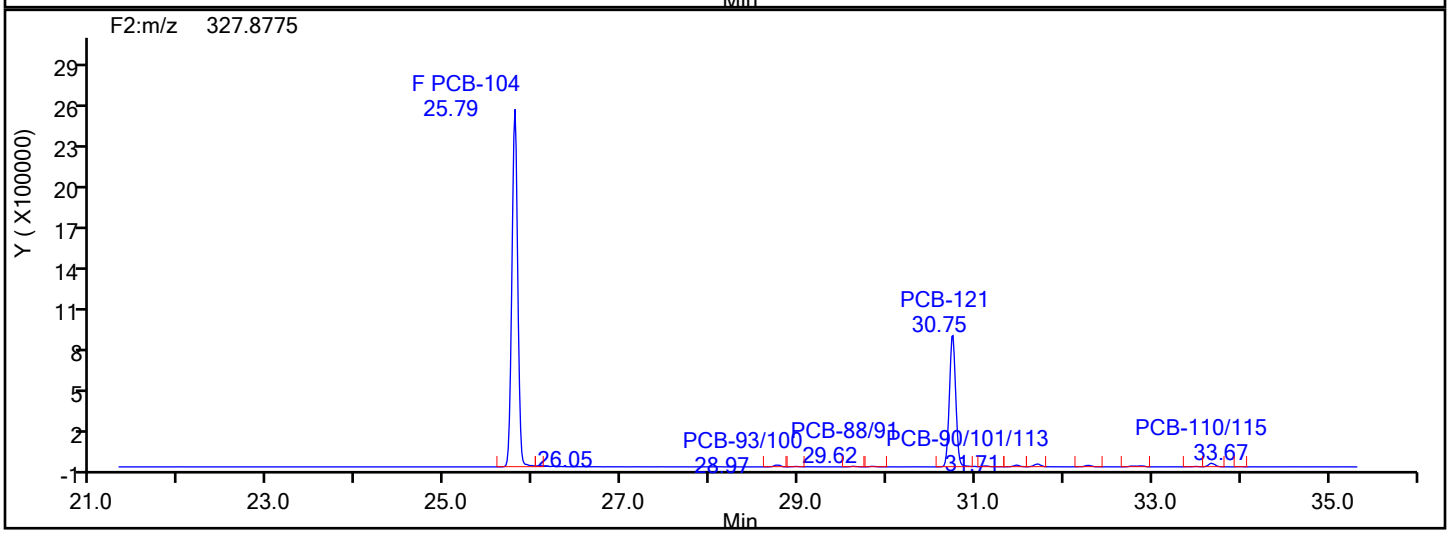
Report Date: 04-Jan-2024 00:27:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

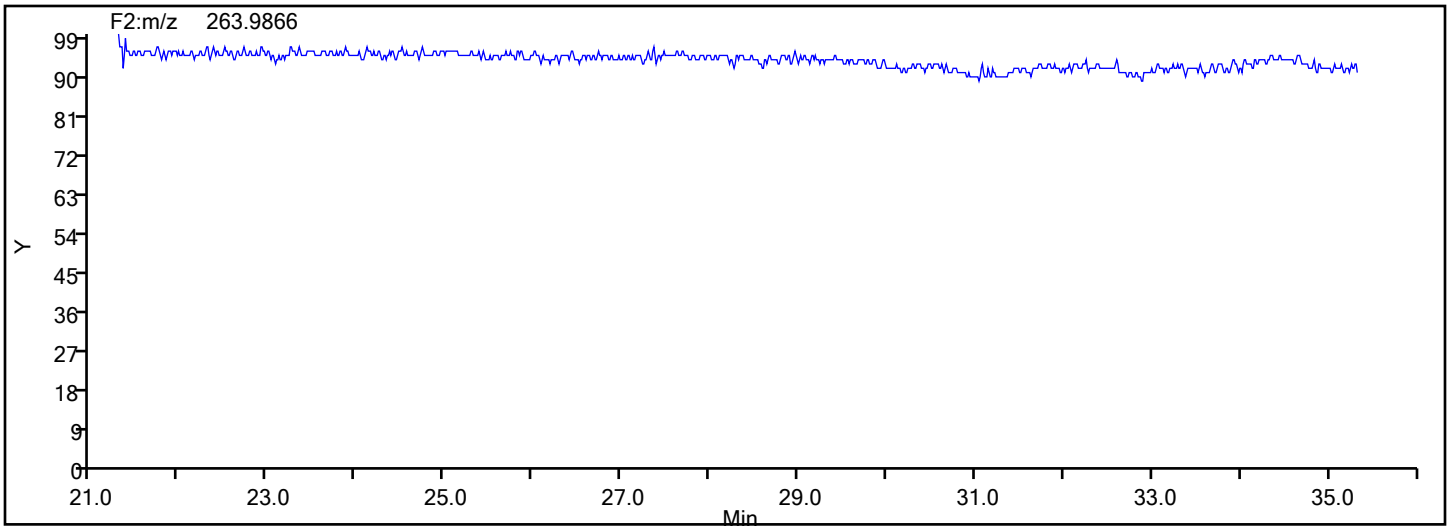
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

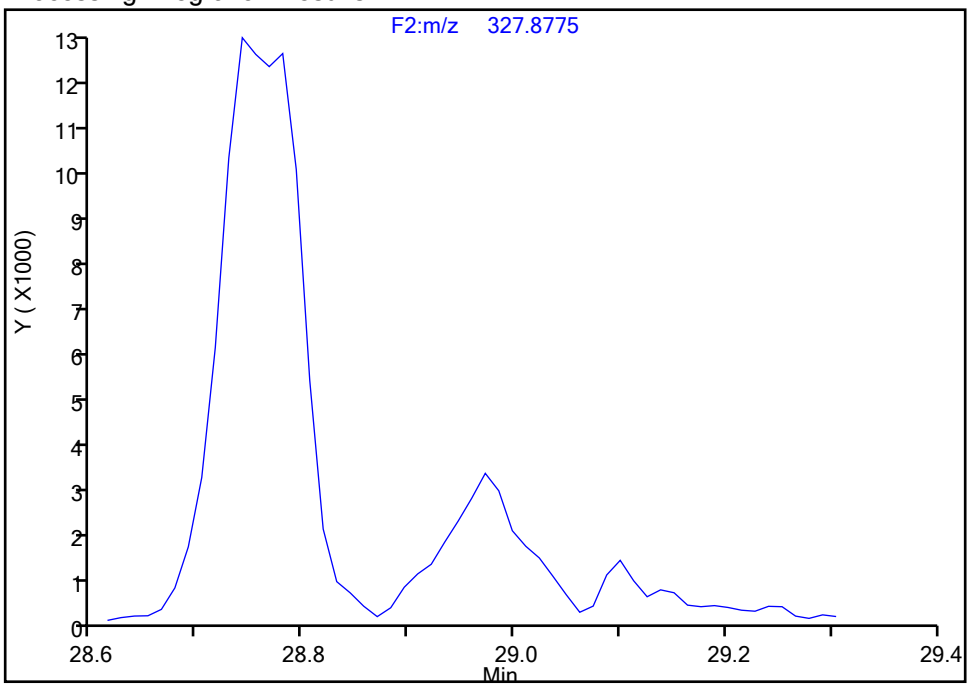
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 2

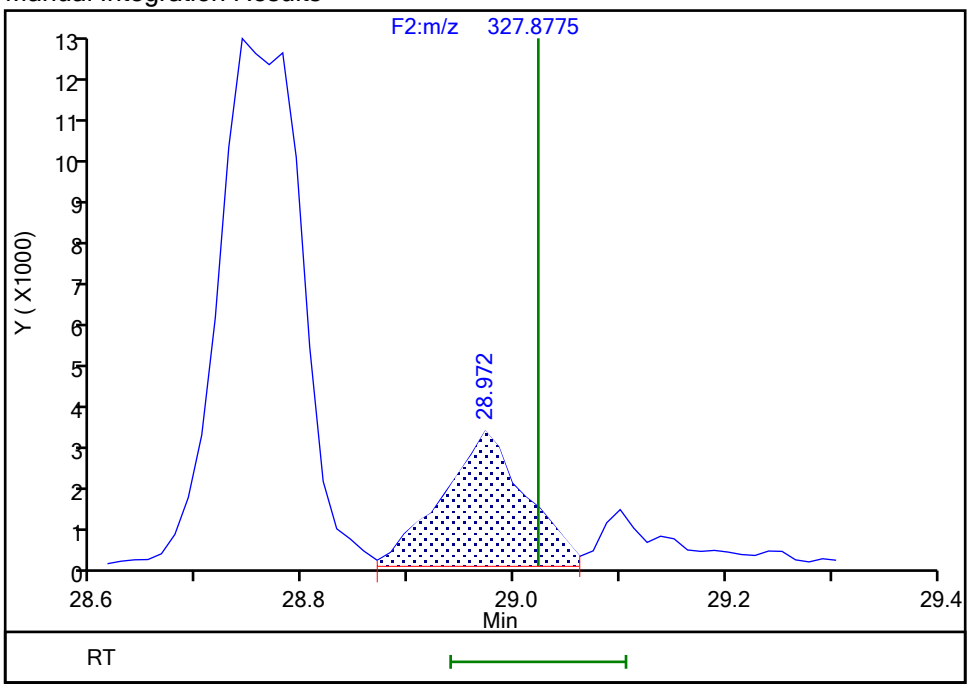
Not Detected
Expected RT: 29.02

Processing Integration Results



Manual Integration Results

RT: 28.97
Area: 17011
Amount: 1.422269
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:19:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

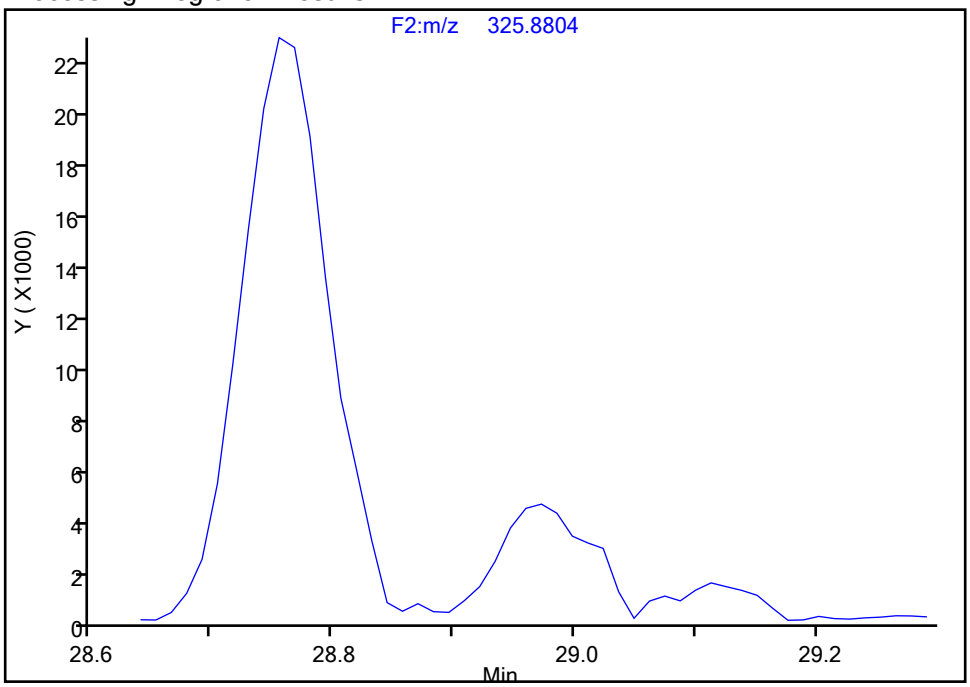
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 1

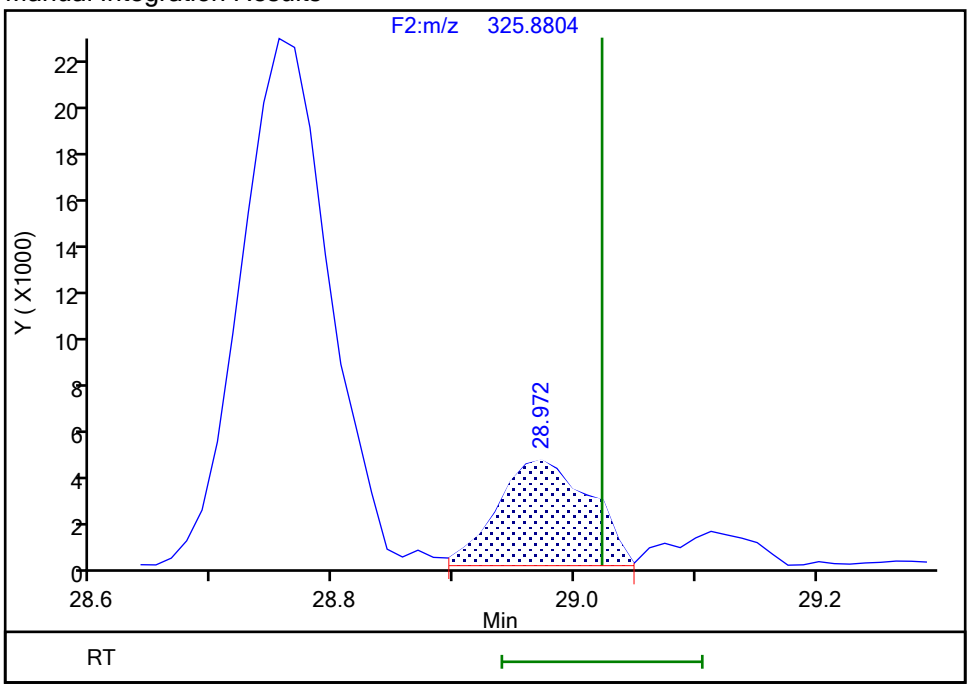
Not Detected
Expected RT: 29.02

Processing Integration Results



Manual Integration Results

RT: 28.97
Area: 24005
Amount: 1.422269
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:19:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

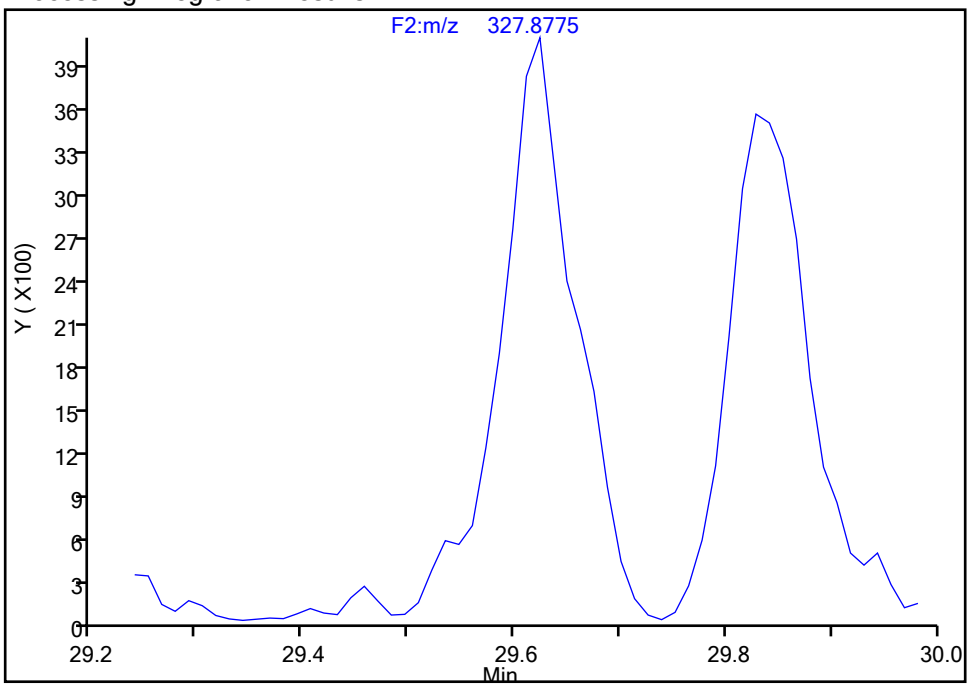
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 2

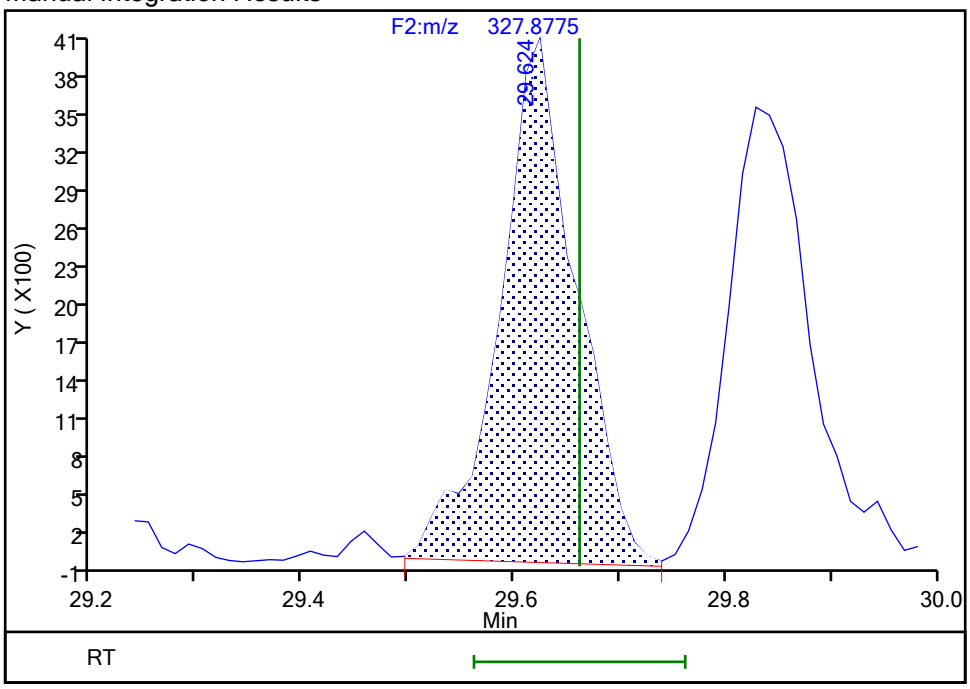
Not Detected
Expected RT: 29.66

Processing Integration Results



Manual Integration Results

RT: 29.62
Area: 20421
Amount: 1.670332
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:20:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

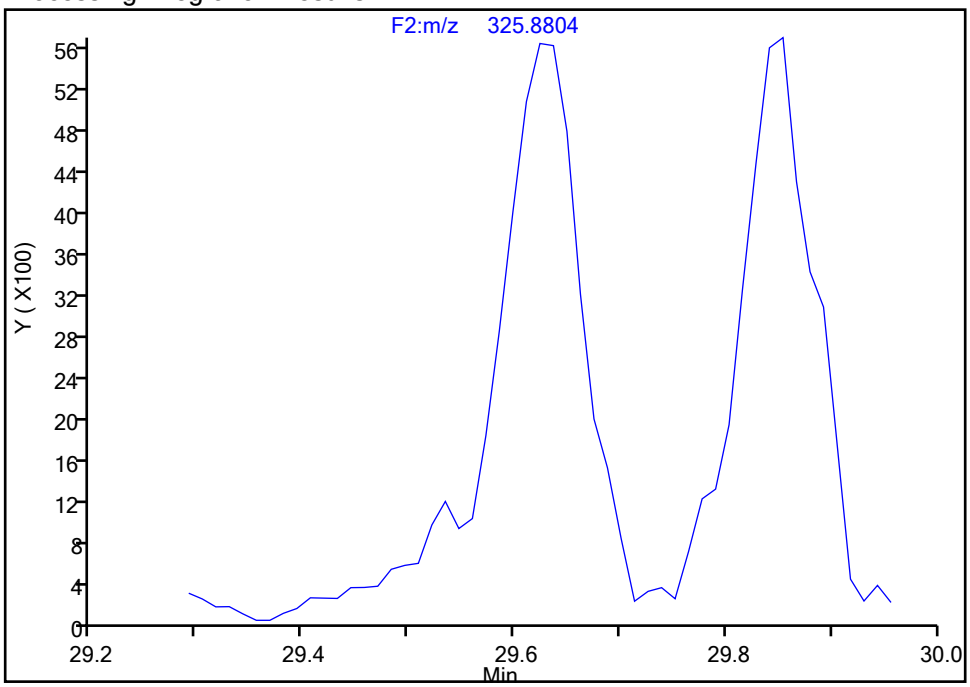
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 1

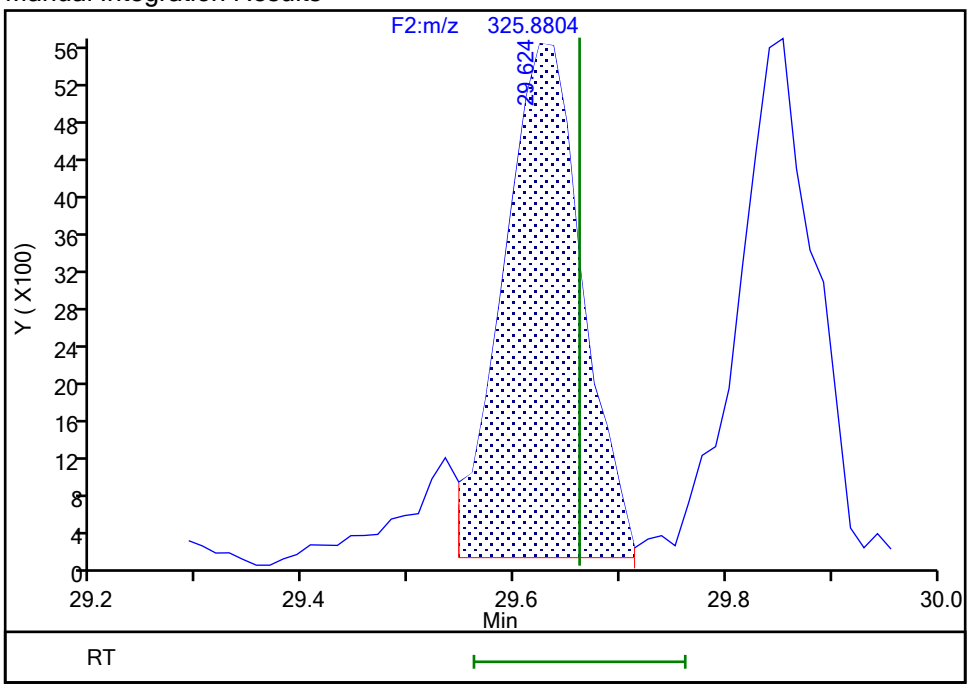
Not Detected
Expected RT: 29.66

Processing Integration Results



Manual Integration Results

RT: 29.62
Area: 28936
Amount: 1.670332
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:20:08 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

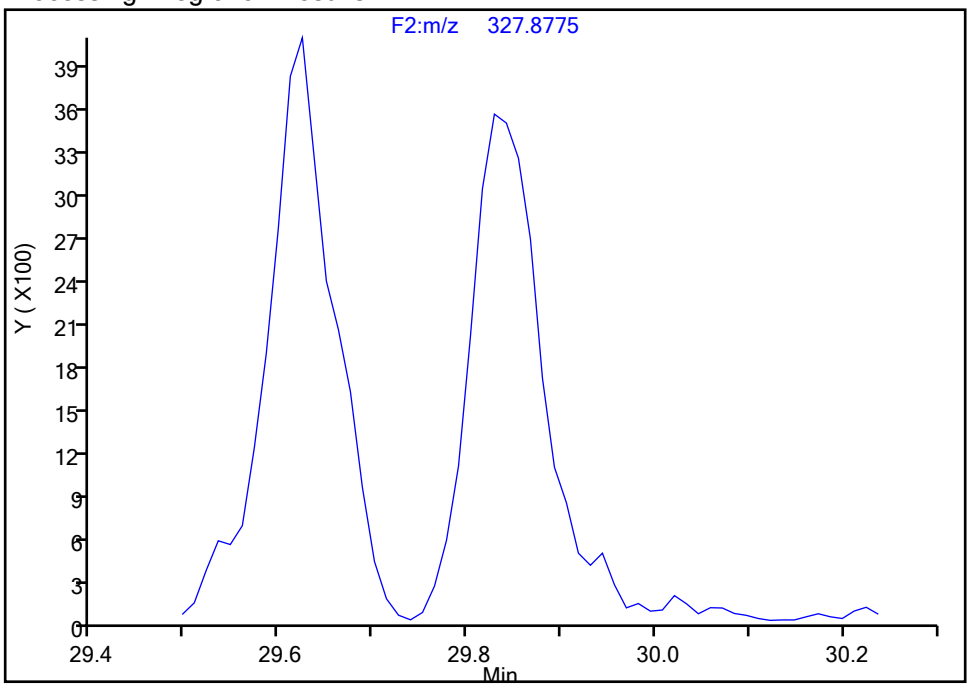
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-84, CAS: 52663-60-2

Signal: 2

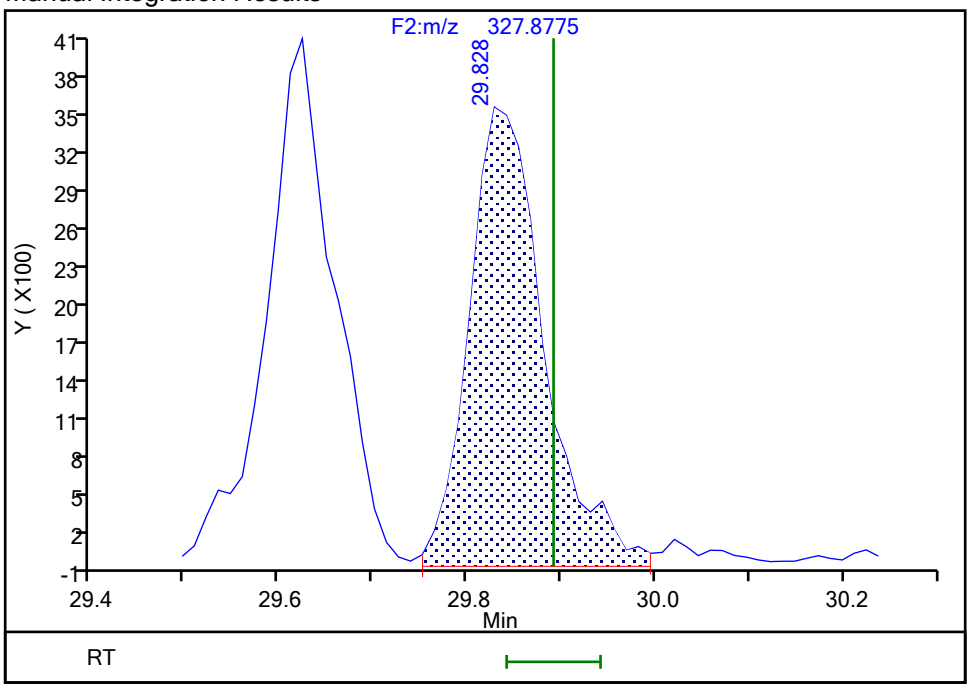
Not Detected
Expected RT: 29.89

Processing Integration Results



Manual Integration Results

RT: 29.83
Area: 19620
Amount: 1.890894
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:20:14 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

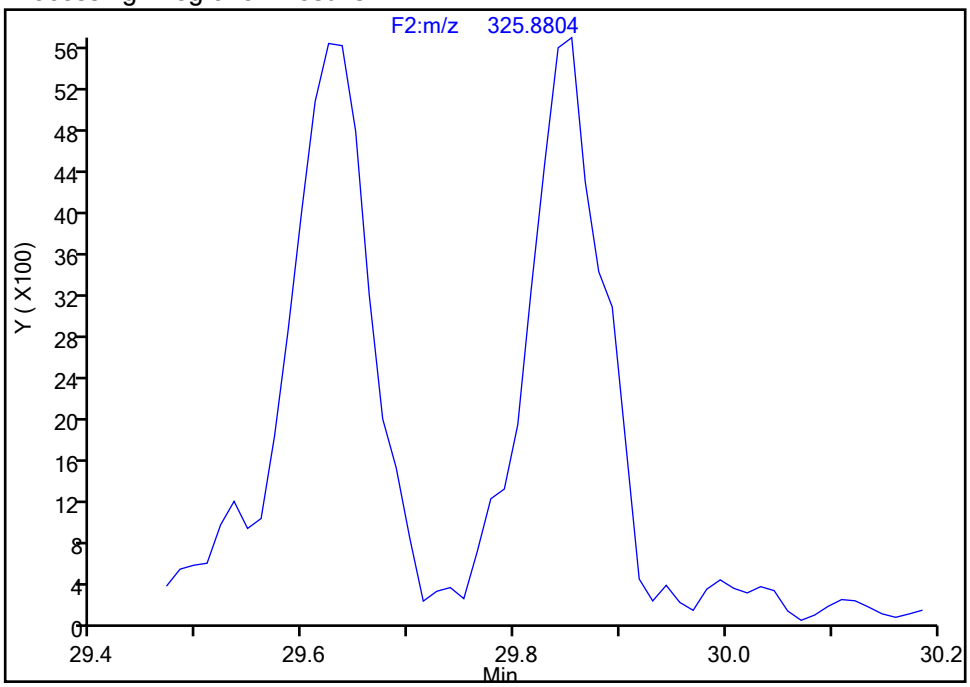
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-84, CAS: 52663-60-2

Signal: 1

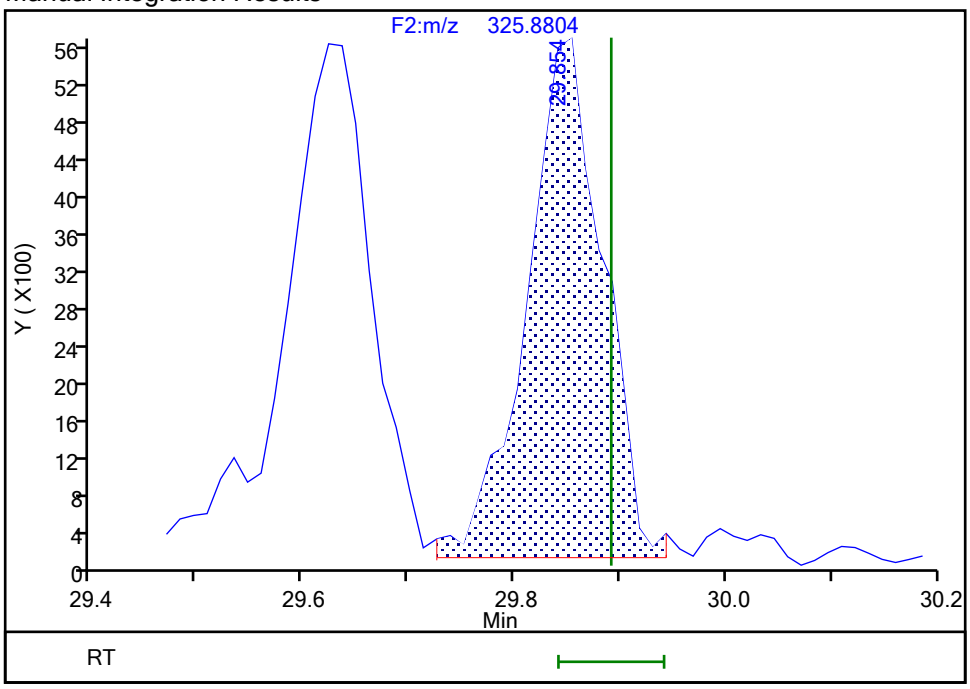
Not Detected
Expected RT: 29.89

Processing Integration Results



Manual Integration Results

RT: 29.85
Area: 28120
Amount: 1.890894
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:20:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

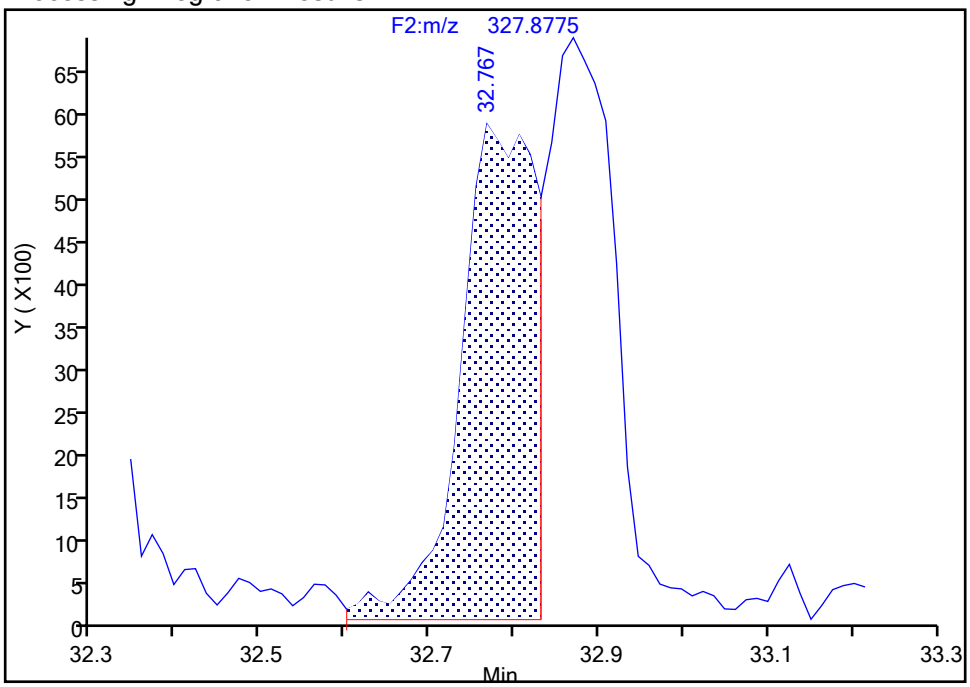
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

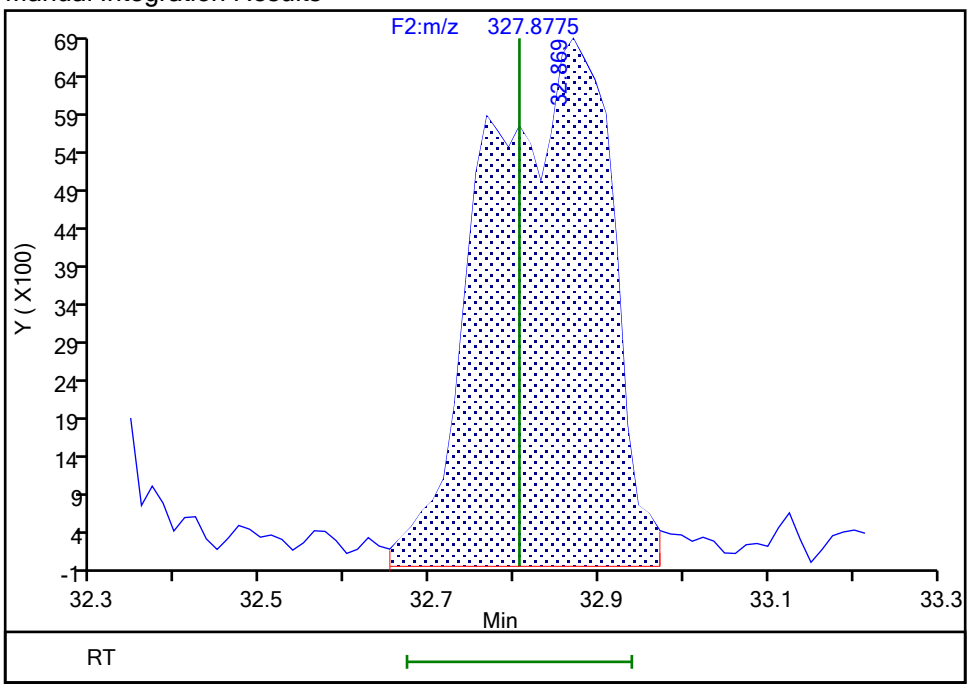
Processing Integration Results

RT: 32.77
Area: 34836
Amount: 2.217552
Amount Units: pg/ul



Manual Integration Results

RT: 32.87
Area: 71201
Amount: 4.923038
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:21:00 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

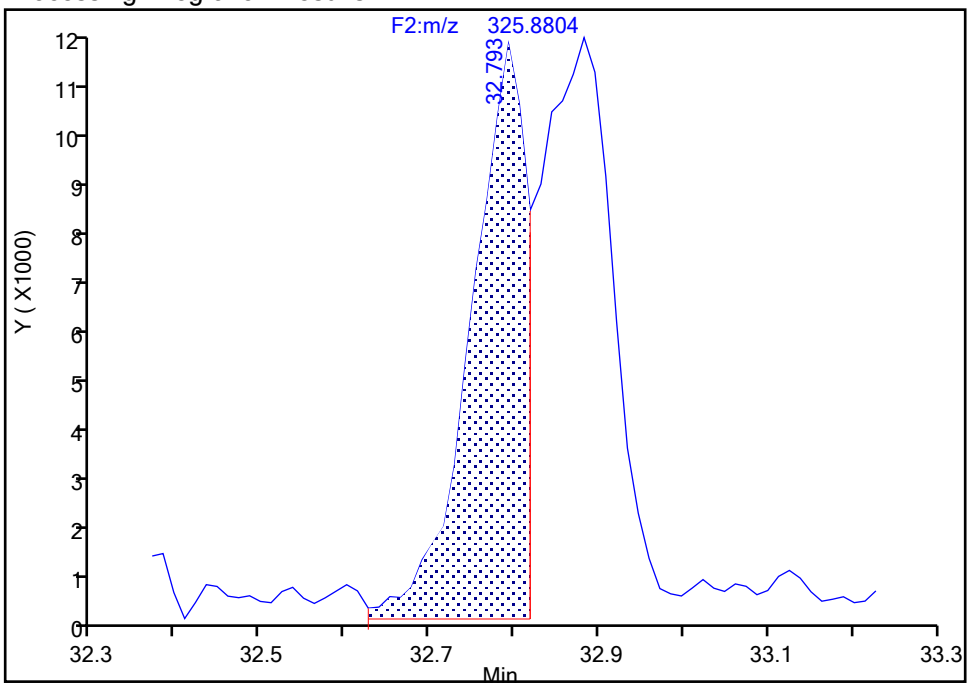
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

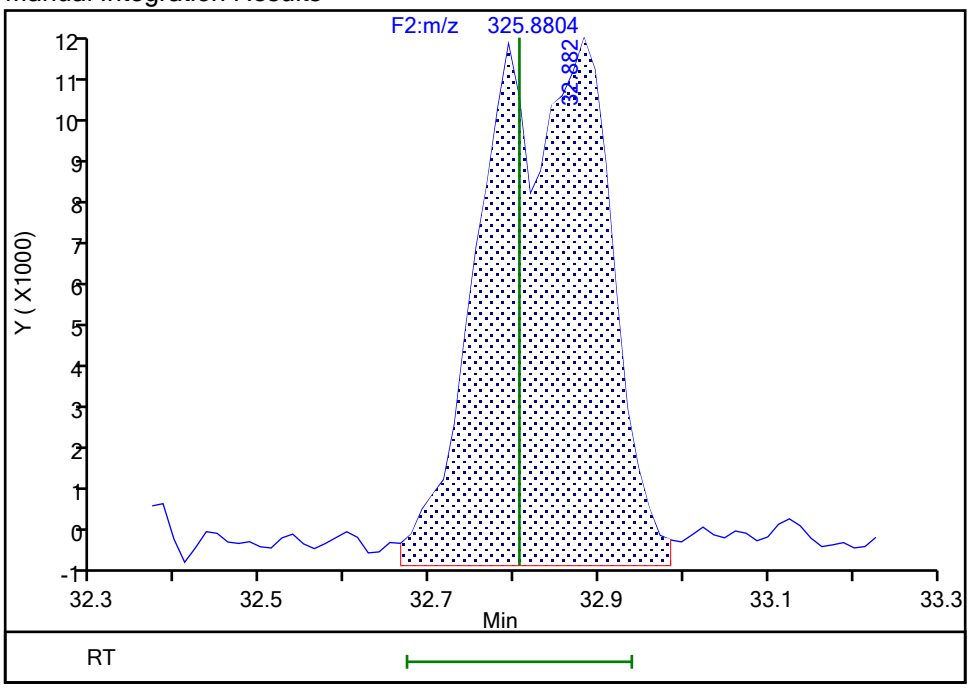
Processing Integration Results

RT: 32.79
Area: 49147
Amount: 2.217552
Amount Units: pg/ul



Manual Integration Results

RT: 32.88
Area: 115244
Amount: 4.923038
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:21:06 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

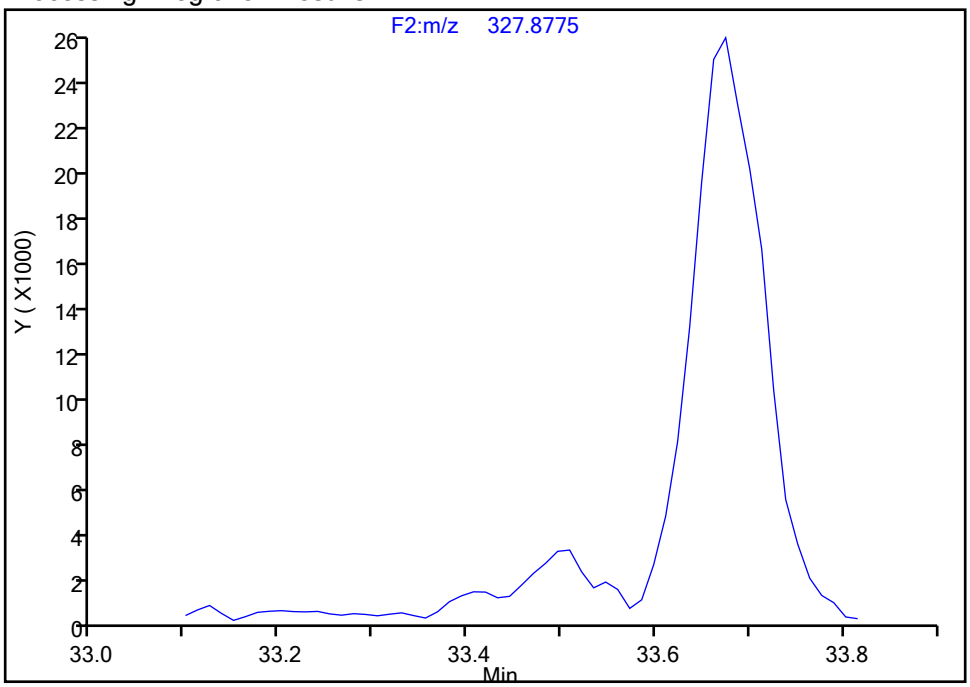
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 2

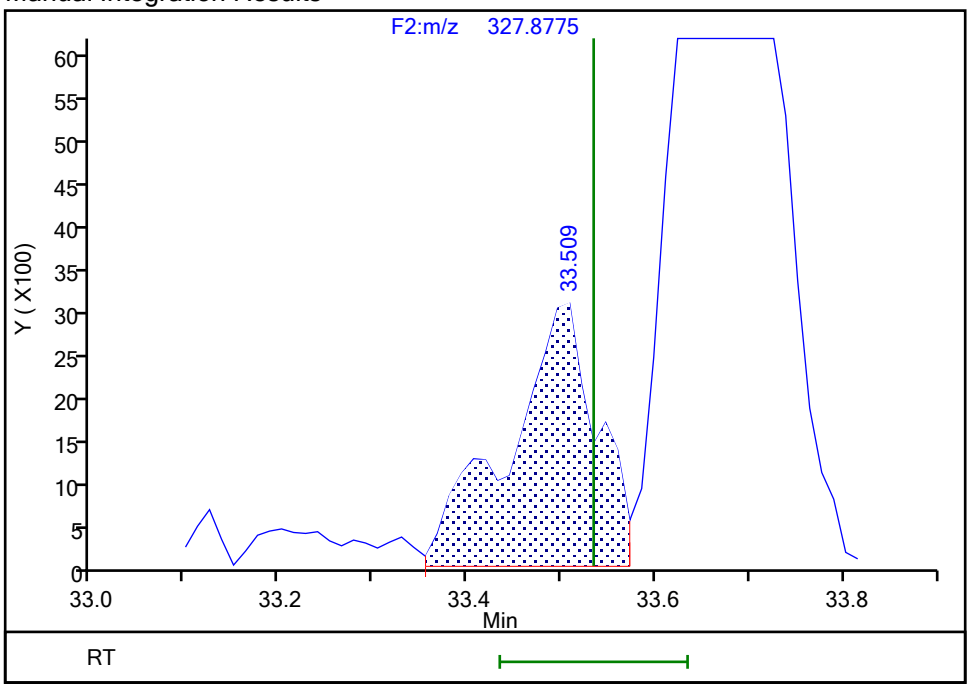
Not Detected
Expected RT: 33.53

Processing Integration Results



Manual Integration Results

RT: 33.51
Area: 19572
Amount: 1.251456
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:21:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

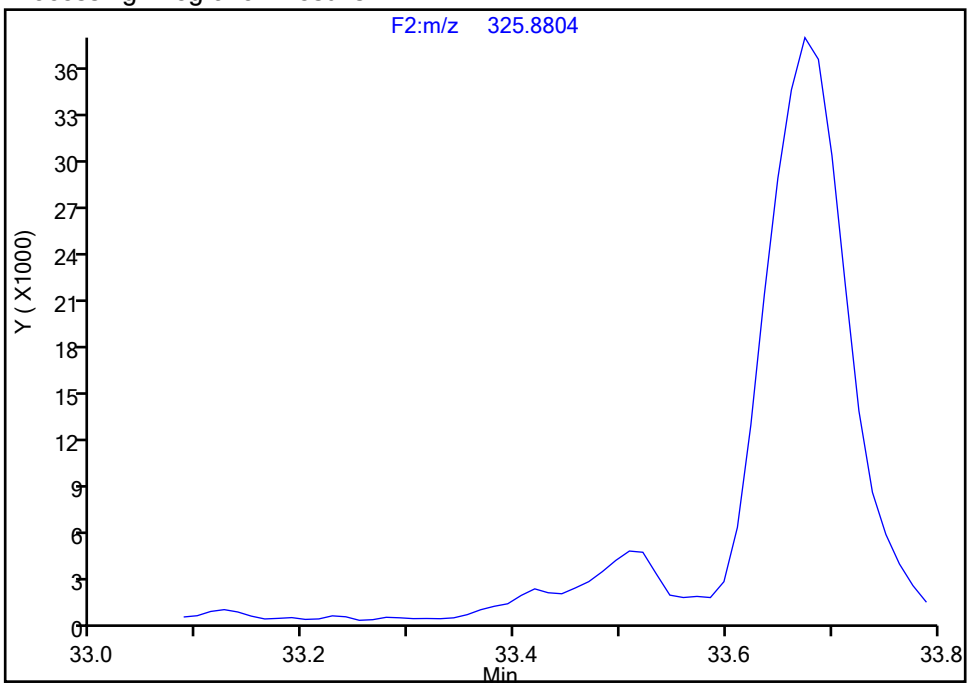
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 1

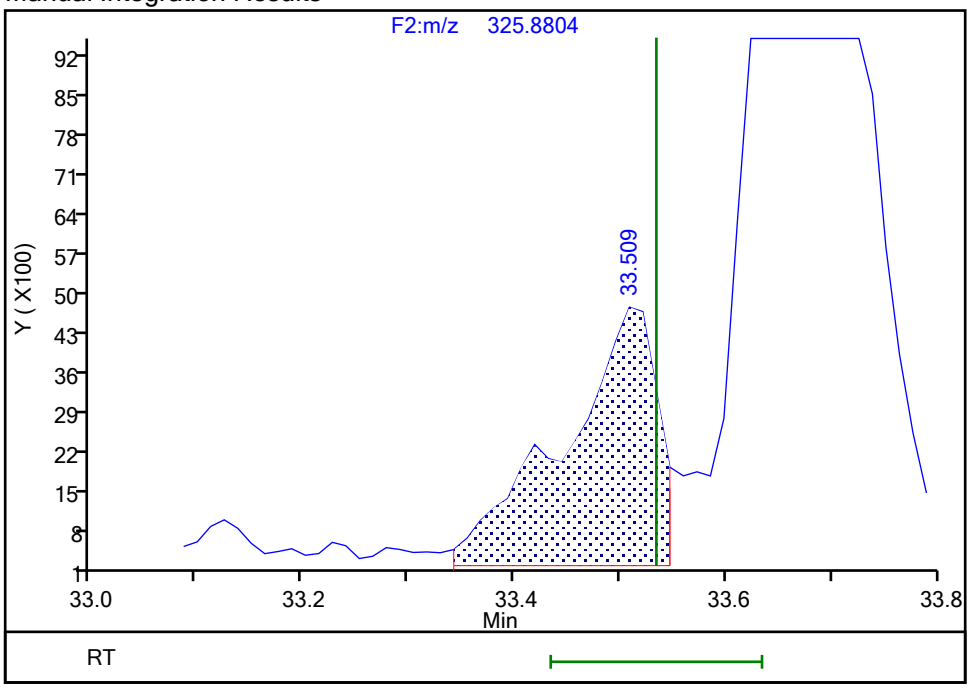
Not Detected
Expected RT: 33.53

Processing Integration Results



Manual Integration Results

RT: 33.51
Area: 27615
Amount: 1.251456
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:21:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

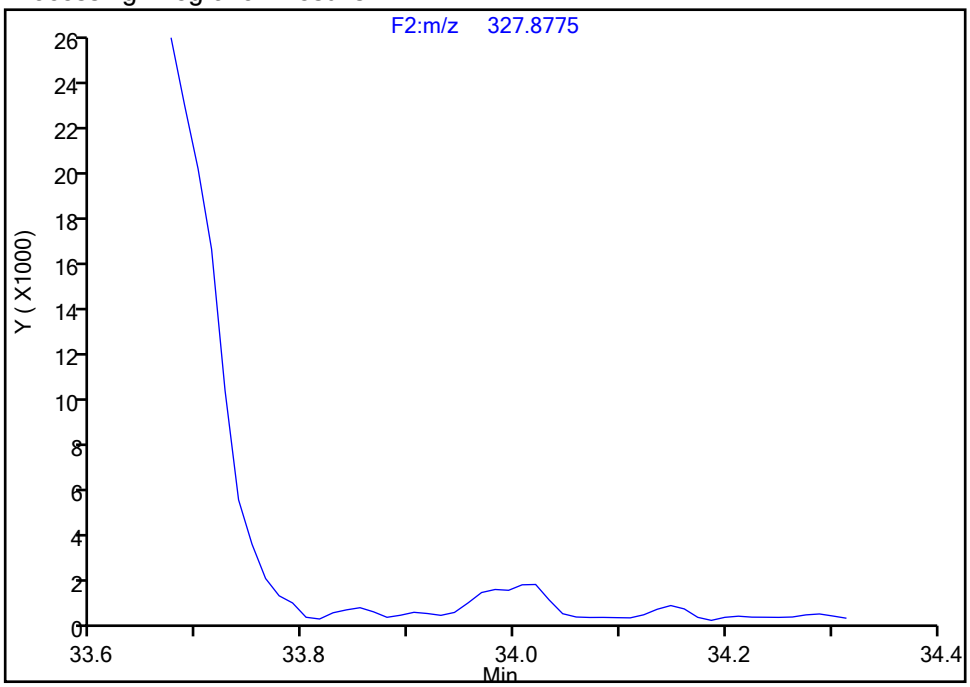
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-82, CAS: 52663-62-4

Signal: 2

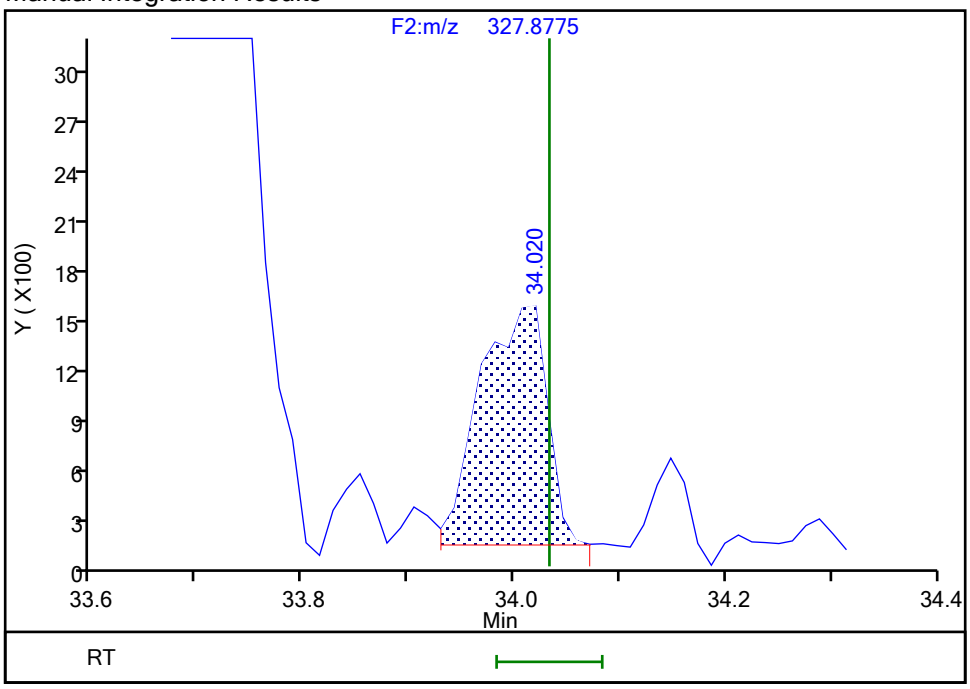
Not Detected
Expected RT: 34.03

Processing Integration Results



Manual Integration Results

RT: 34.02
Area: 6215
Amount: 0.617075
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:21:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

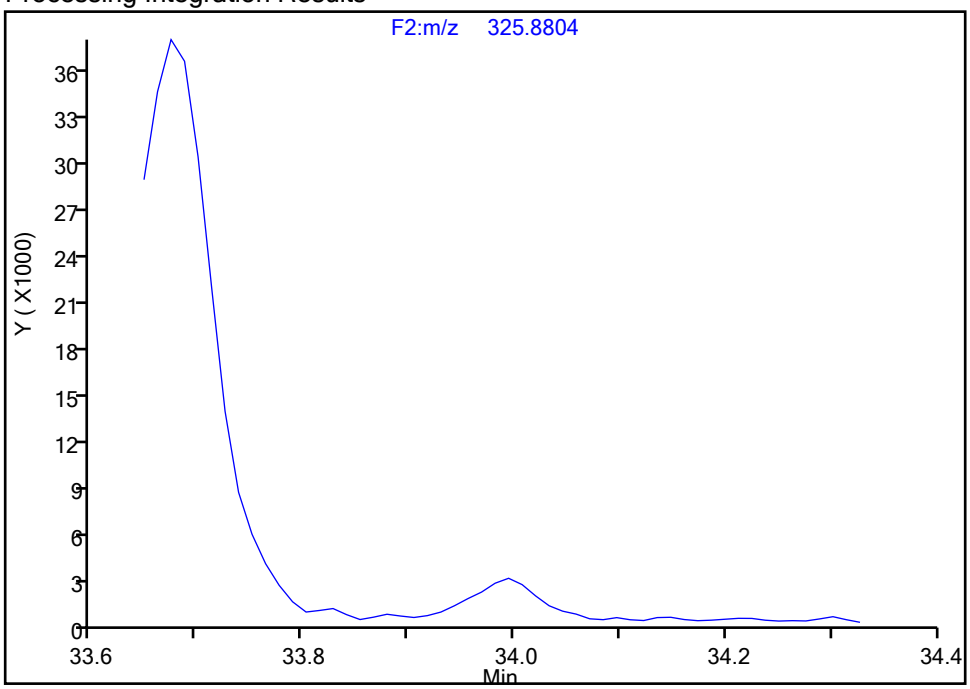
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-82, CAS: 52663-62-4

Signal: 1

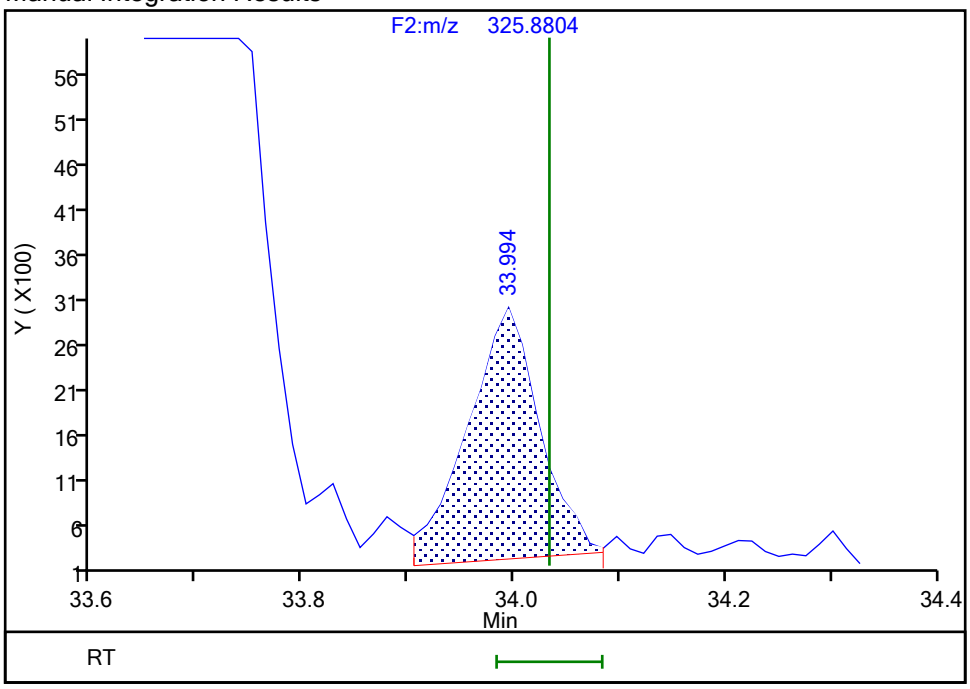
Not Detected
Expected RT: 34.03

Processing Integration Results



Manual Integration Results

RT: 33.99
Area: 13148
Amount: 0.617075
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:21:42 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

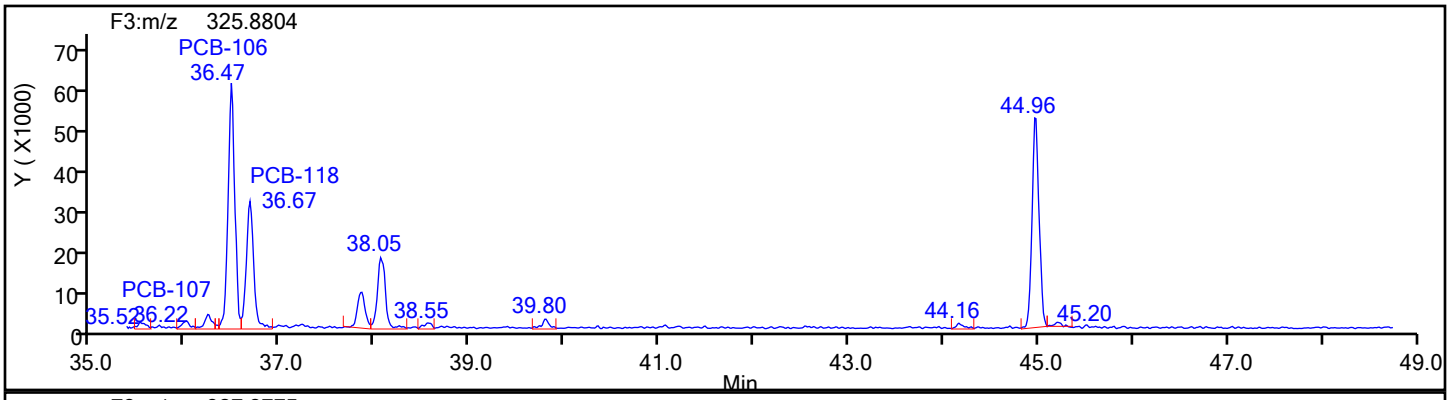
Report Date: 04-Jan-2024 00:27:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

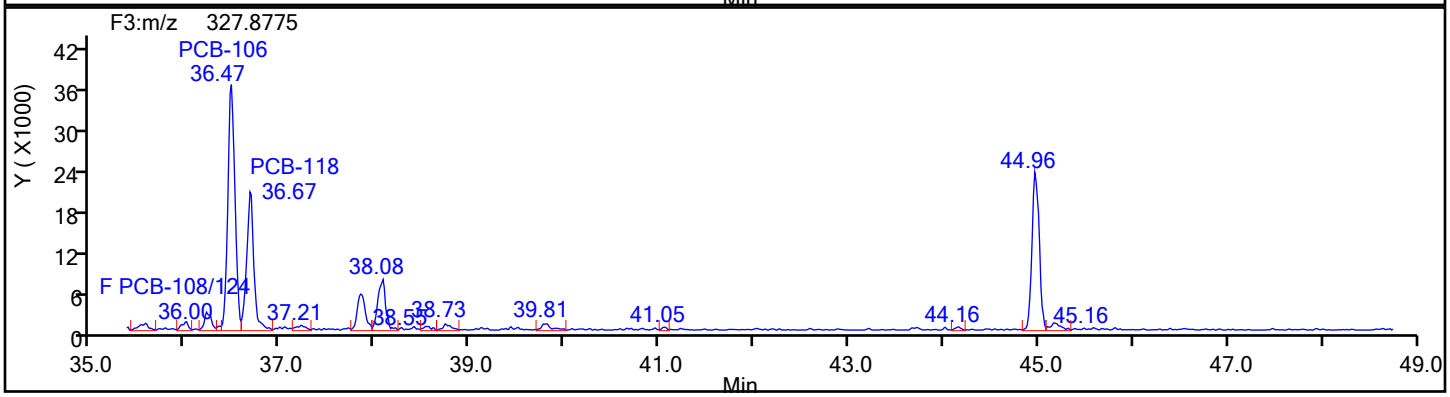
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

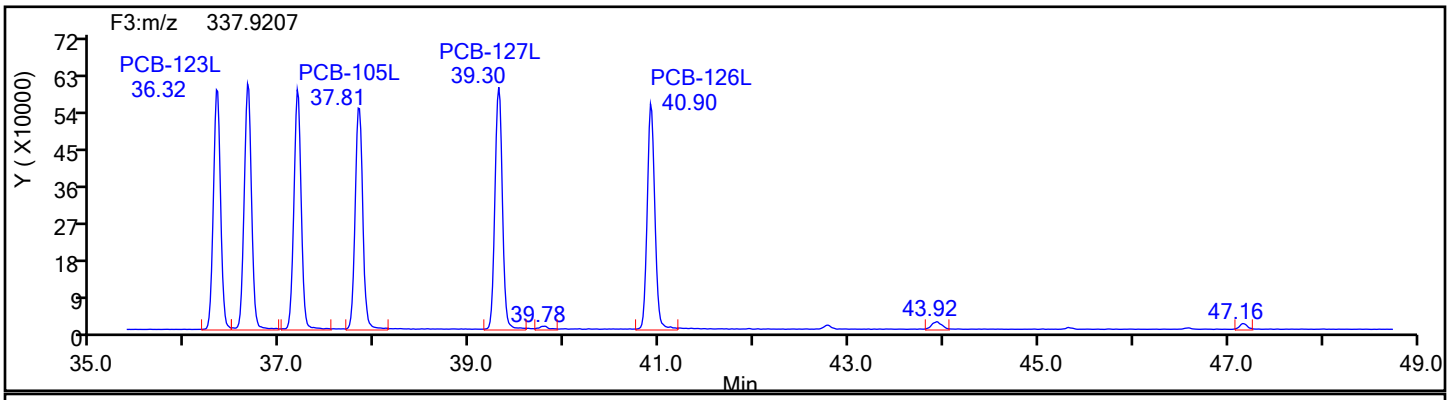
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

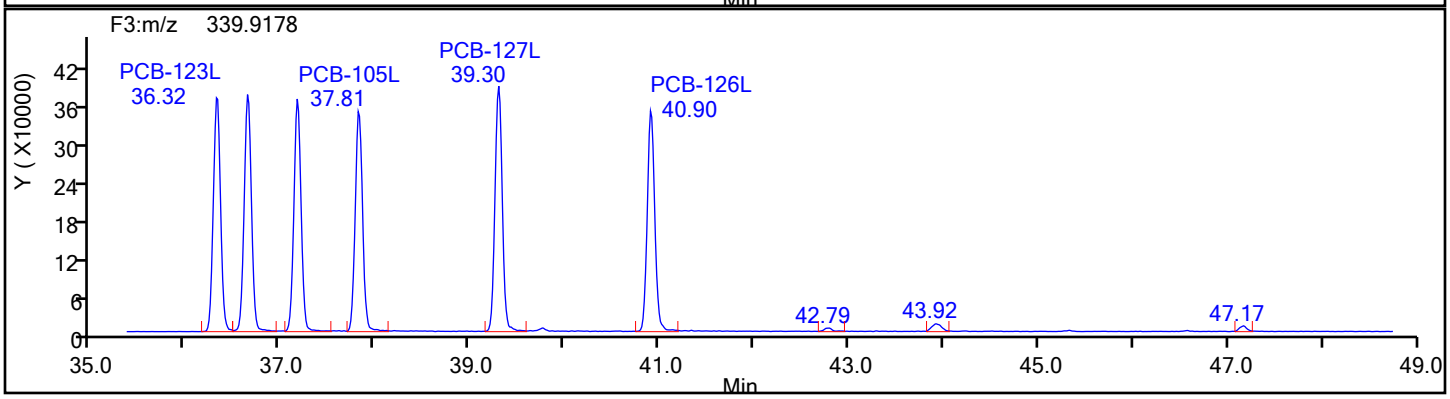
PePCB F3





PePCB F3 Standards



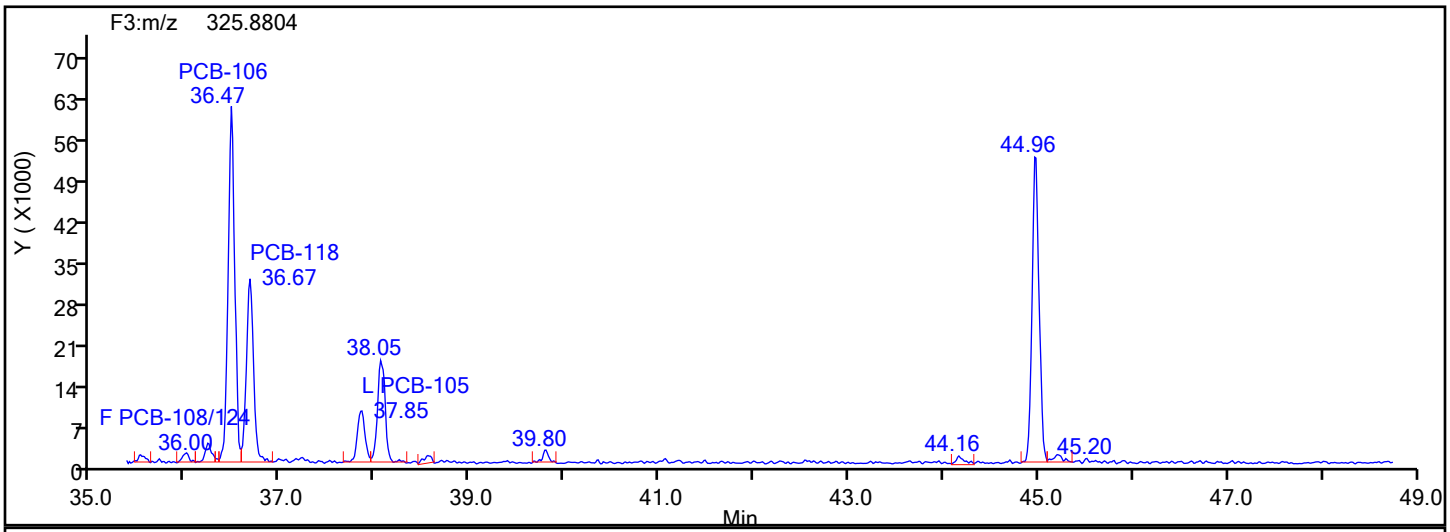


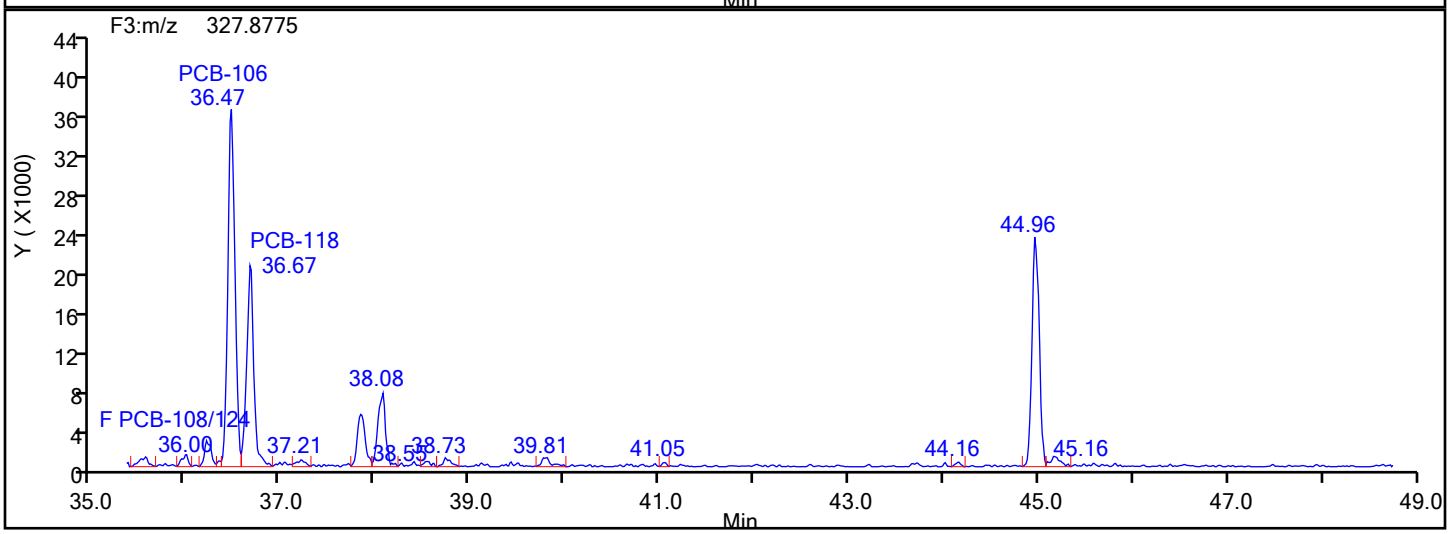
Report Date: 04-Jan-2024 00:27:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

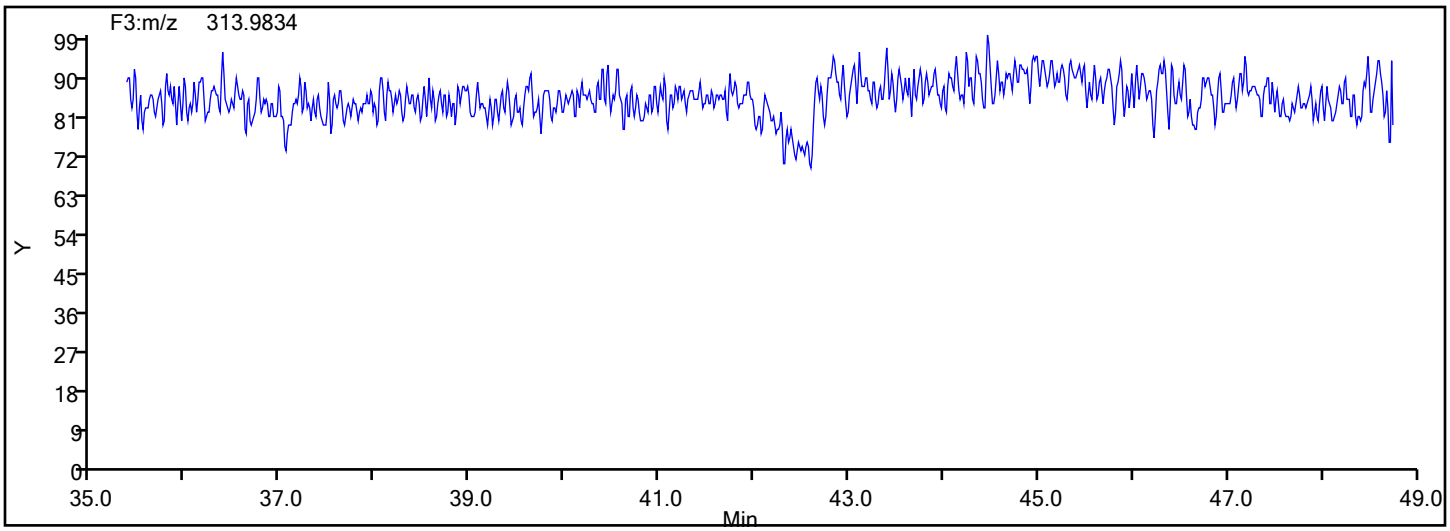
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

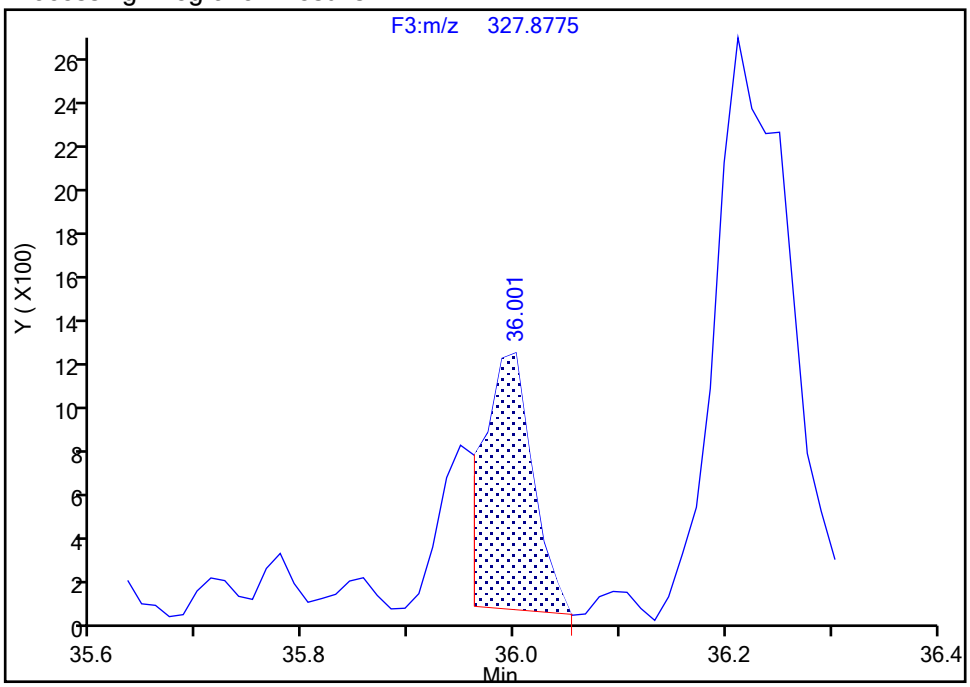
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-108/124, CAS: STL02294

Signal: 2

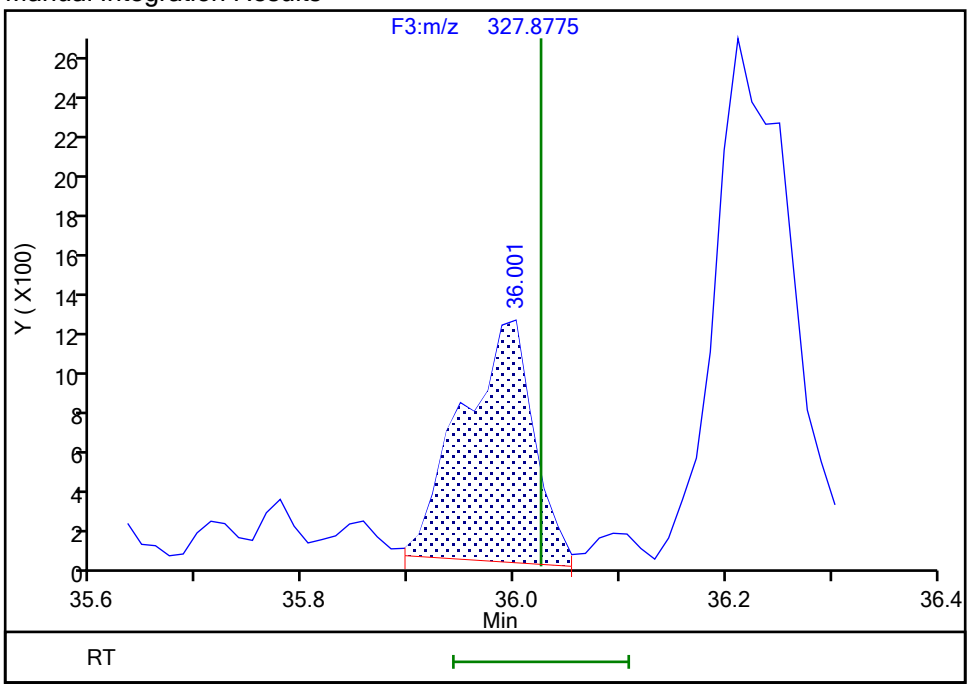
Processing Integration Results

RT: 36.00
Area: 3642
Amount: 0.224046
Amount Units: pg/ul



Manual Integration Results

RT: 36.00
Area: 5759
Amount: 0.262451
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:22:00 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

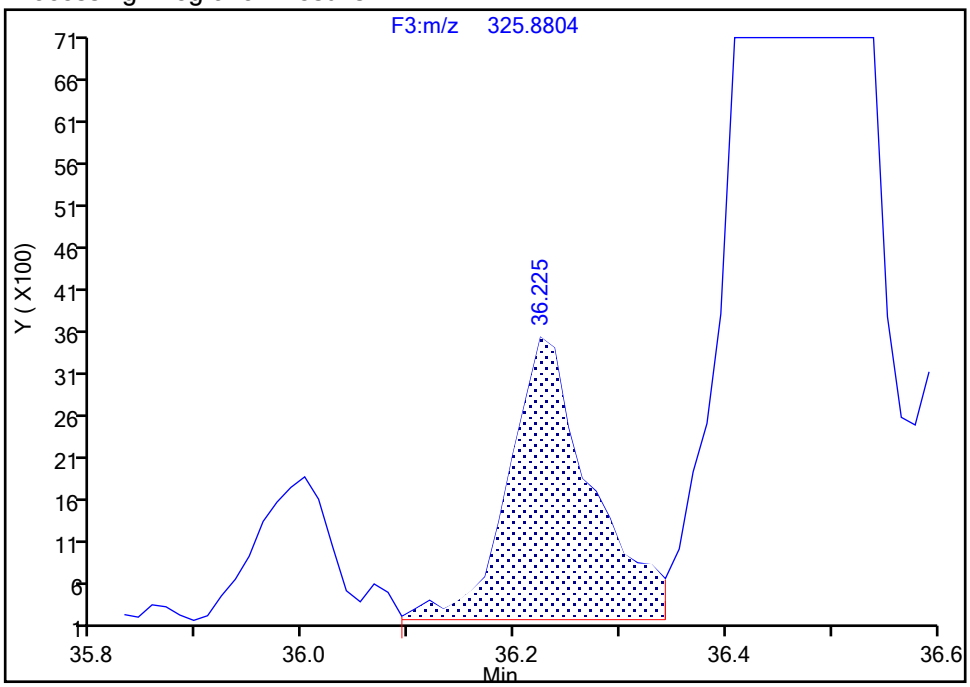
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-107, CAS: 70424-68-9

Signal: 1

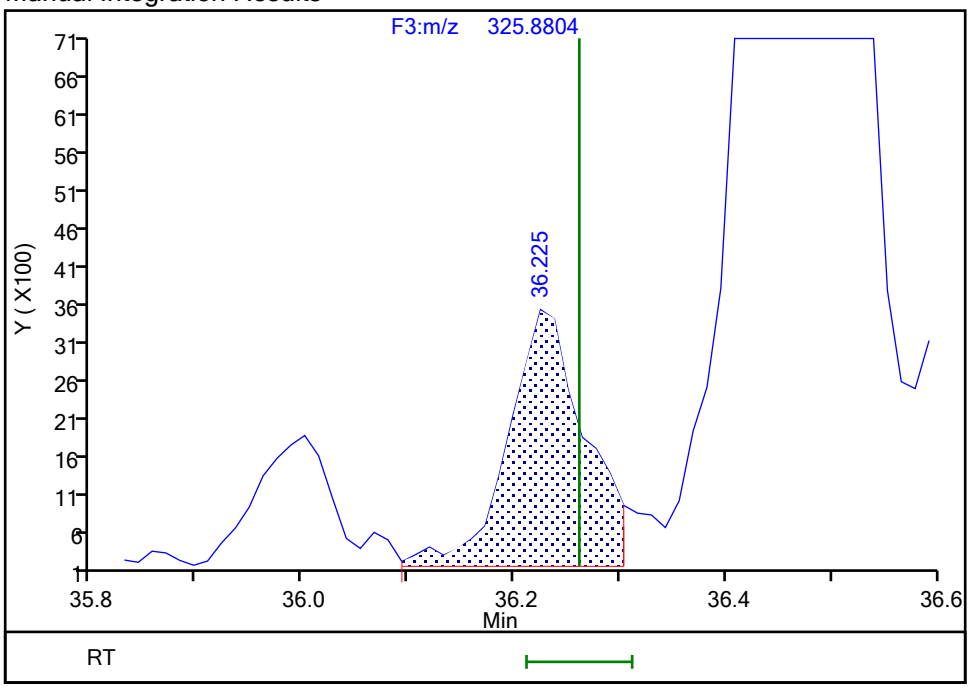
Processing Integration Results

RT: 36.22
Area: 18047
Amount: 0.506554
Amount Units: pg/ul



Manual Integration Results

RT: 36.22
Area: 16496
Amount: 0.480981
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:22:18 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

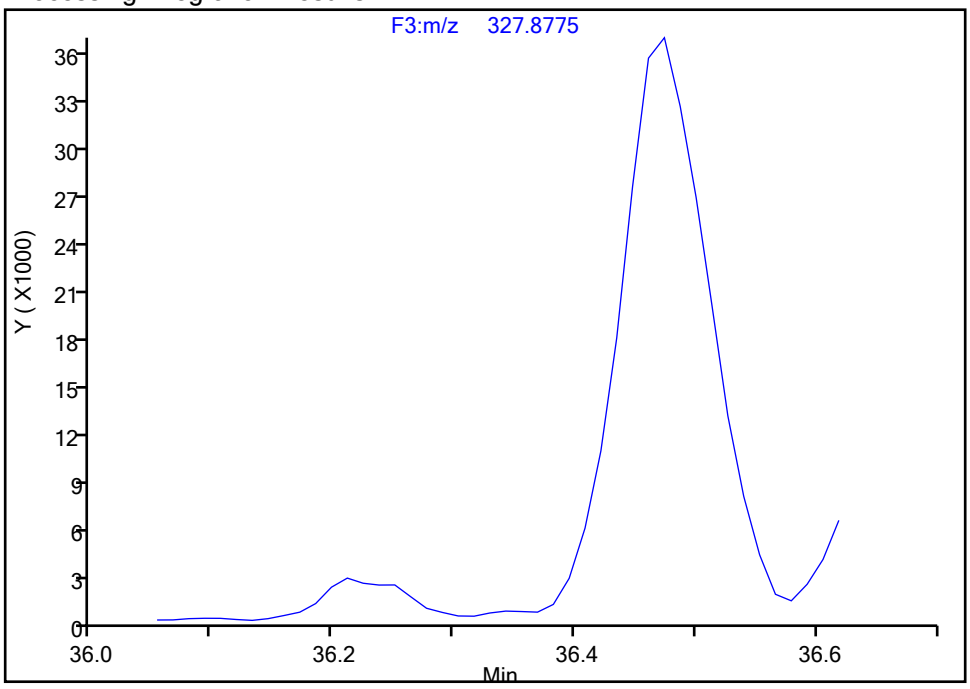
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 2

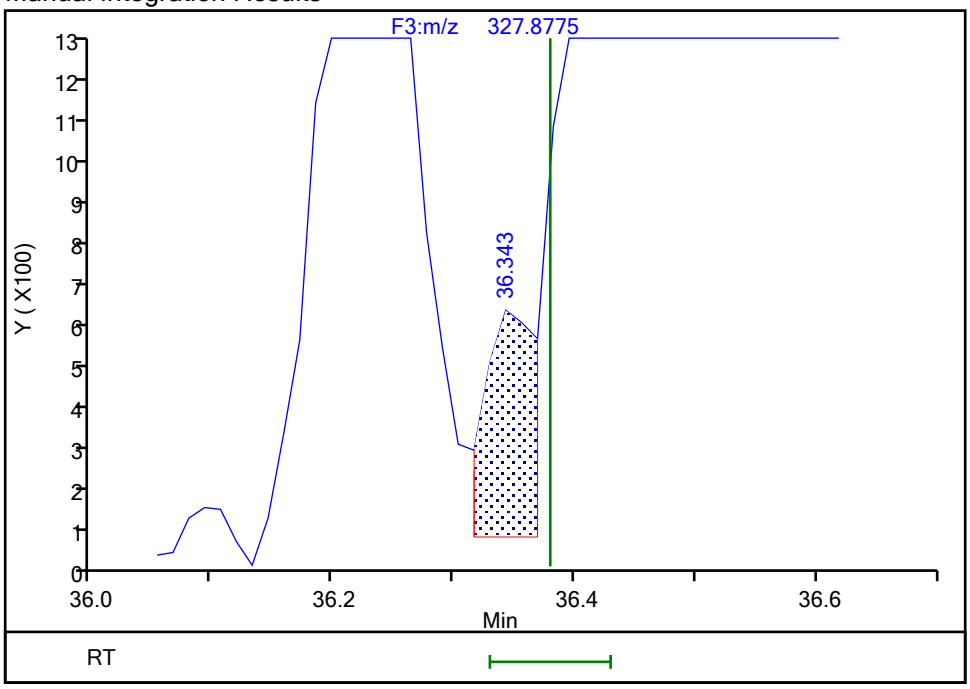
Not Detected
Expected RT: 36.38

Processing Integration Results



Manual Integration Results

RT: 36.34
Area: 1360
Amount: 0.054993
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:22:22 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

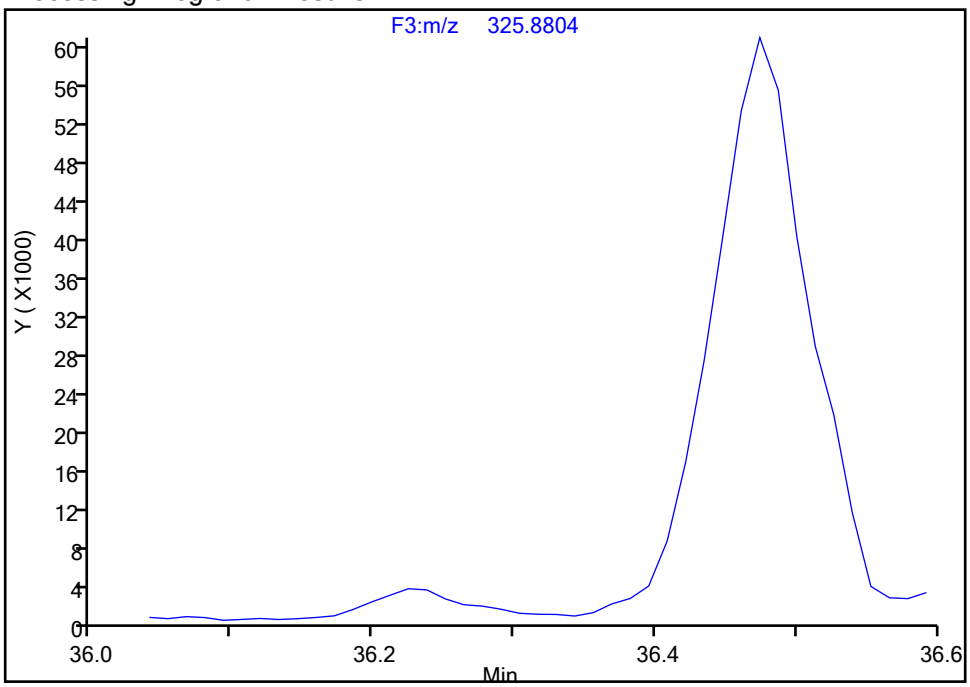
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 1

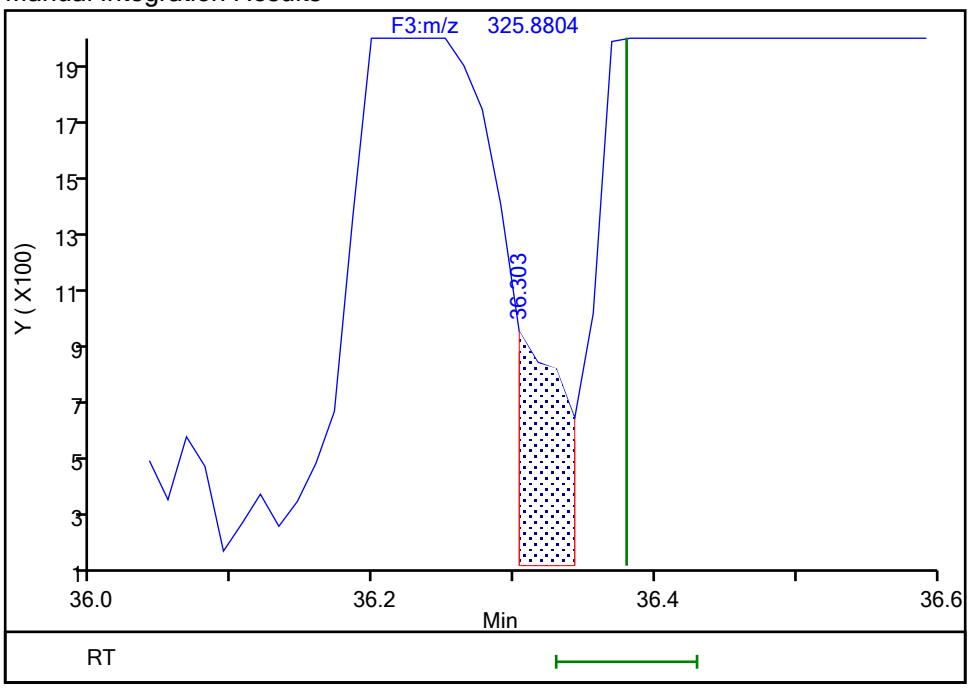
Not Detected
Expected RT: 36.38

Processing Integration Results



Manual Integration Results

RT: 36.30
Area: 1550
Amount: 0.054993
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:27:02 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

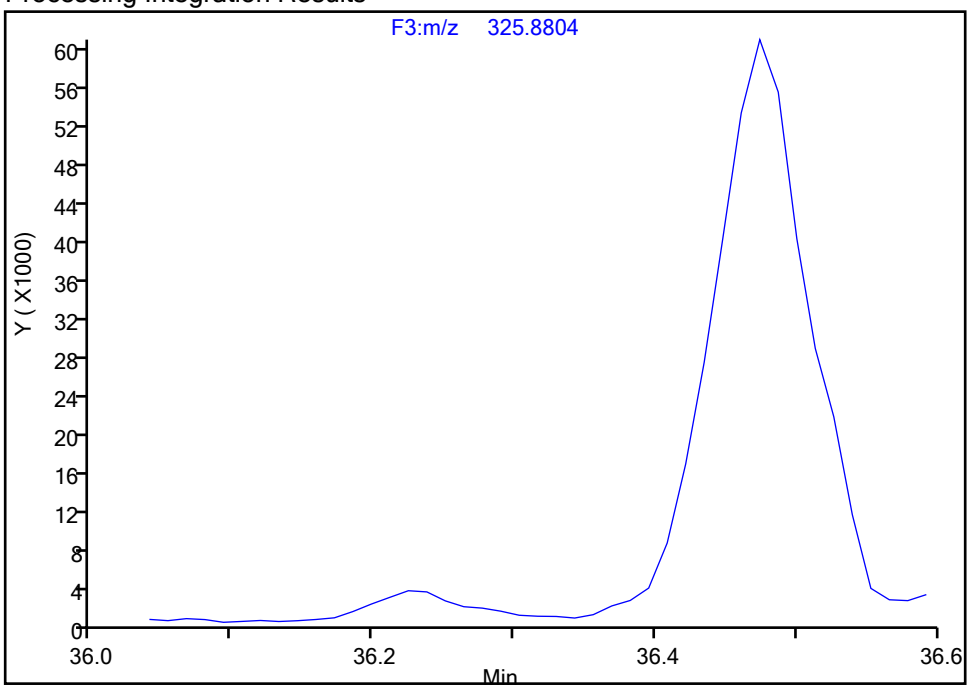
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 1

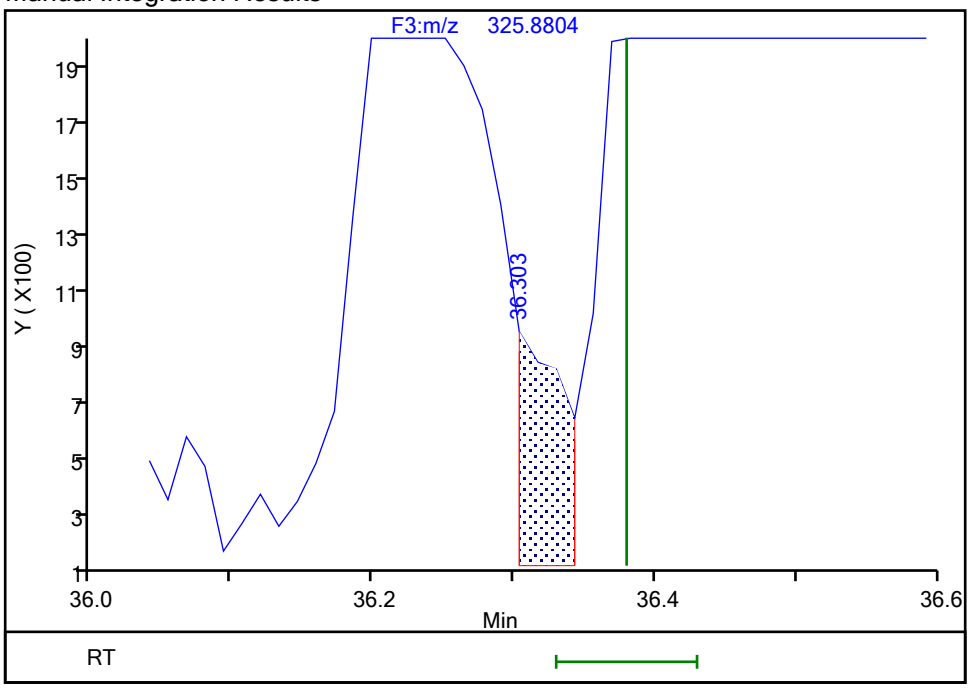
Not Detected
Expected RT: 36.38

Processing Integration Results



Manual Integration Results

RT: 36.30
Area: 1550
Amount: 0.054993
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:27:09 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

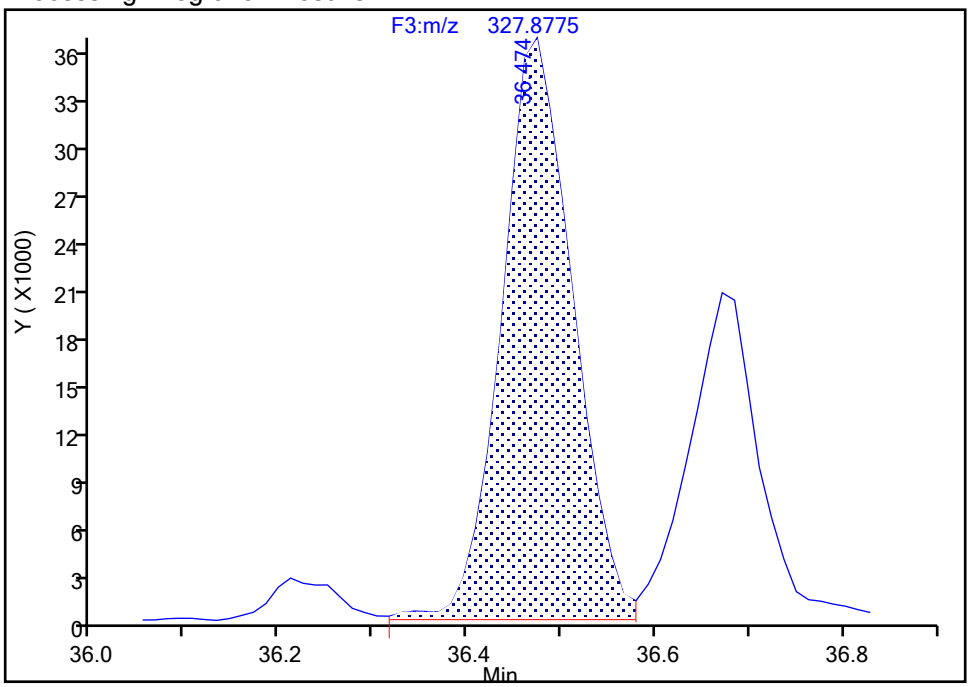
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 2

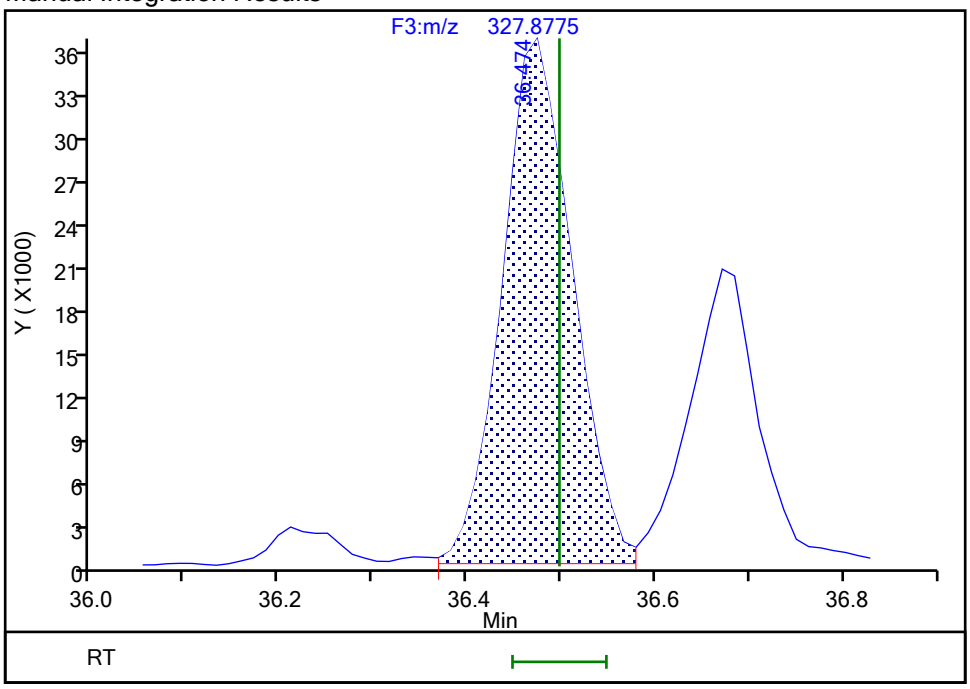
Processing Integration Results

RT: 36.47
Area: 190886
Amount: 8.261611
Amount Units: pg/ul



Manual Integration Results

RT: 36.47
Area: 189525
Amount: 8.238603
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:22:22 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

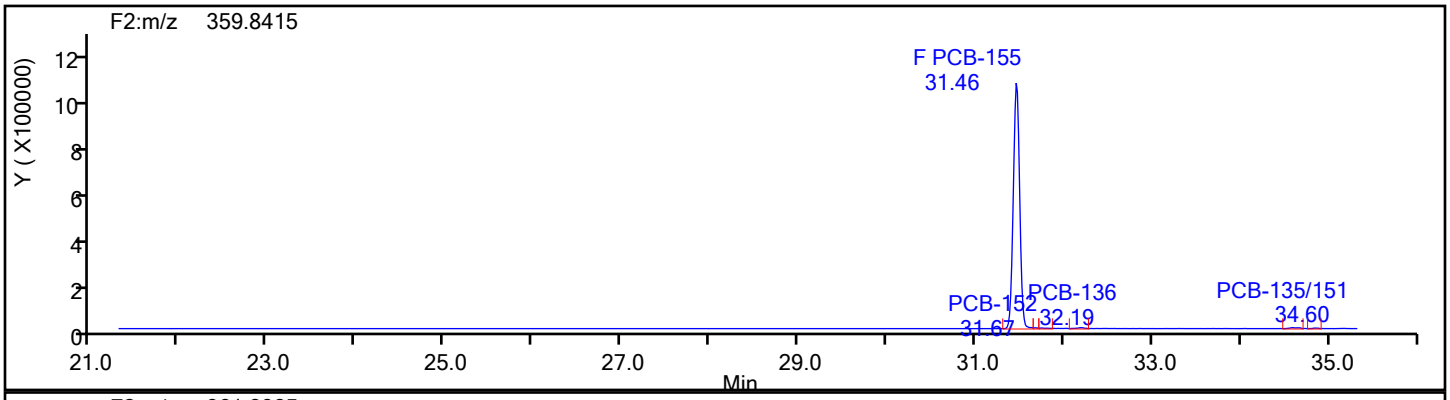
Report Date: 04-Jan-2024 00:27:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

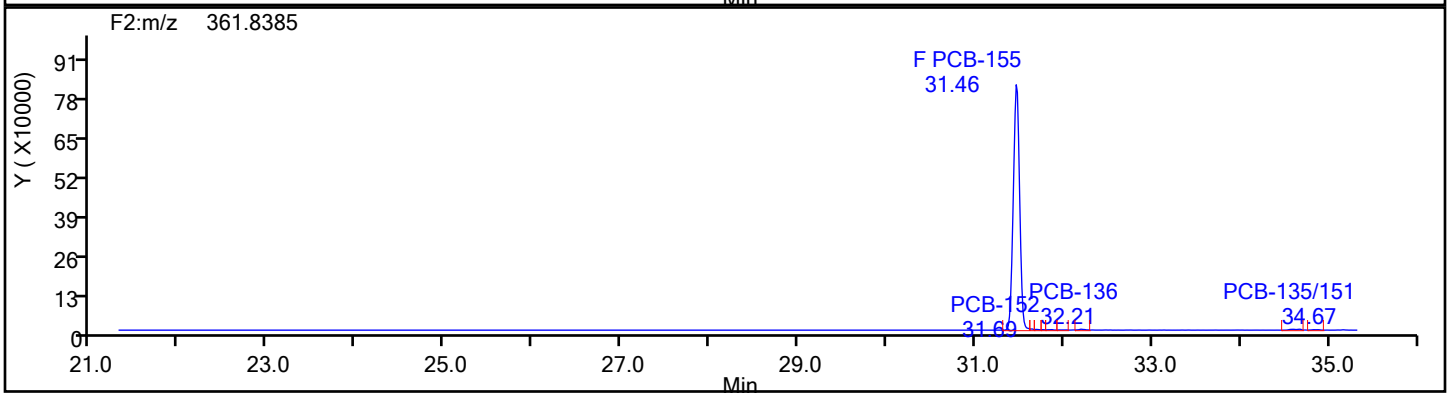
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

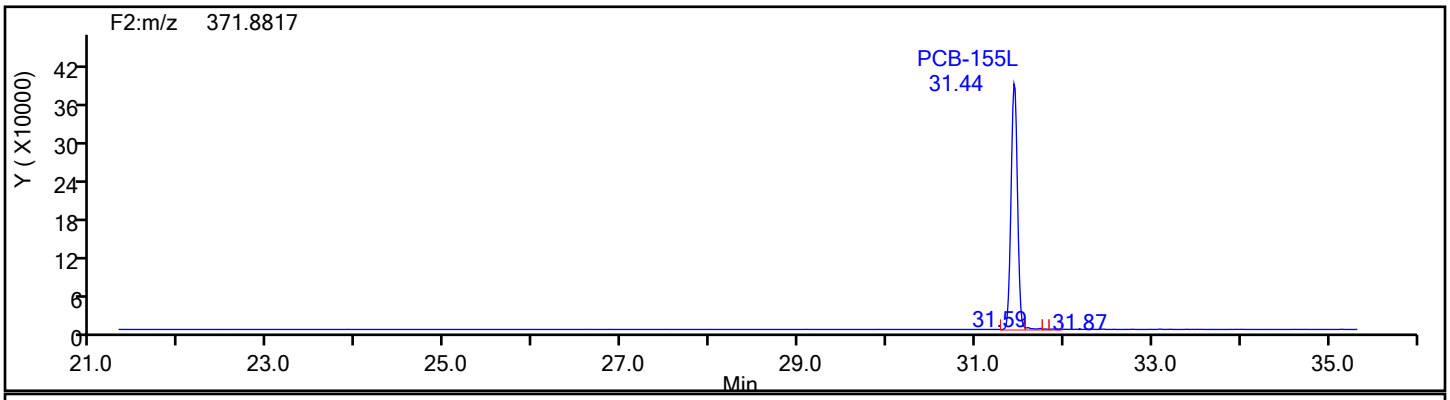
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

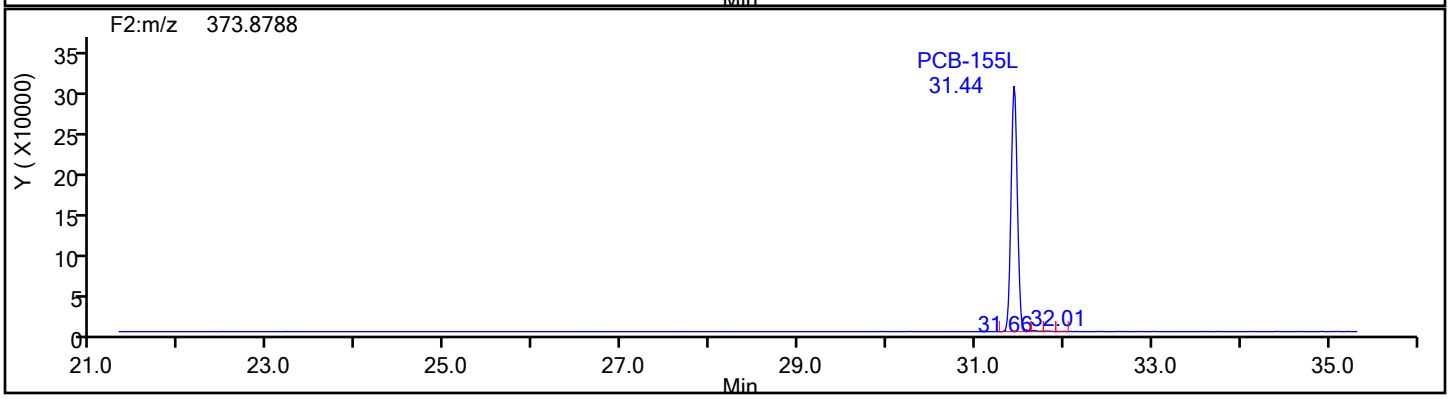
HxPCB F2





HxPCB F2 Standards



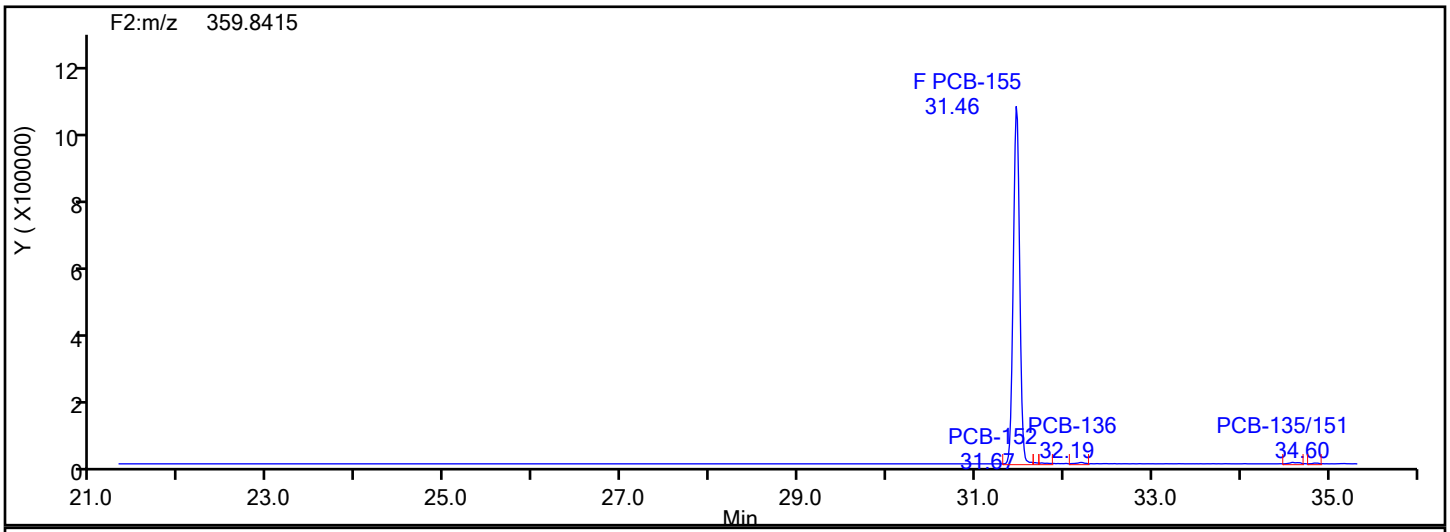


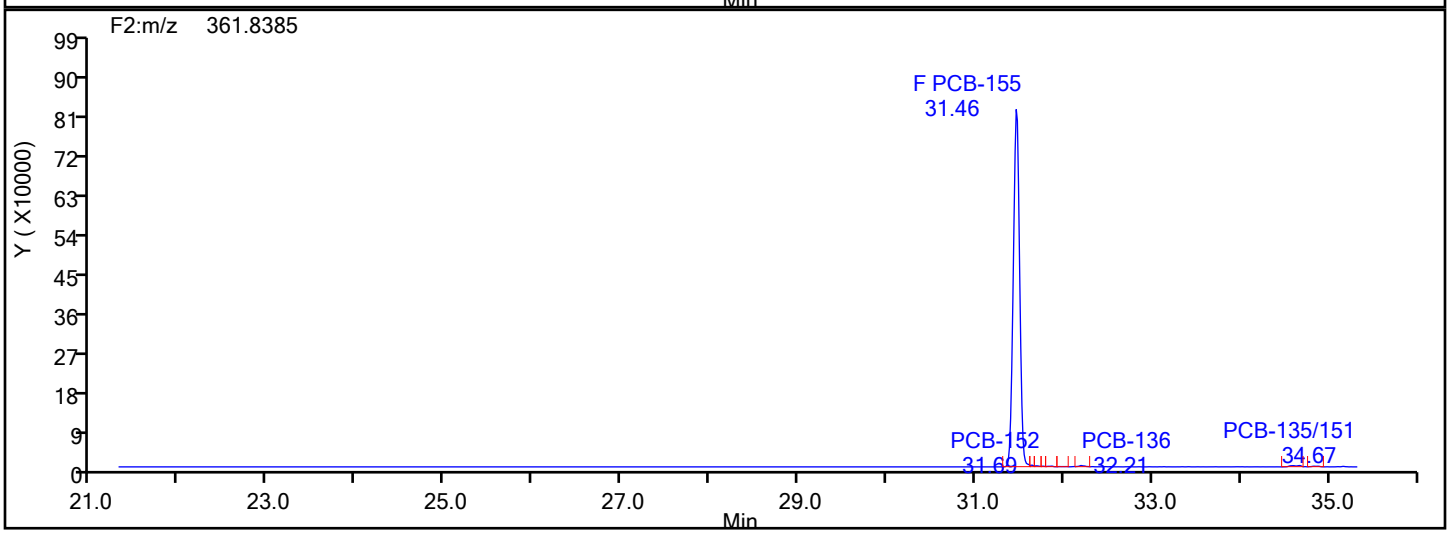
Report Date: 04-Jan-2024 00:27:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

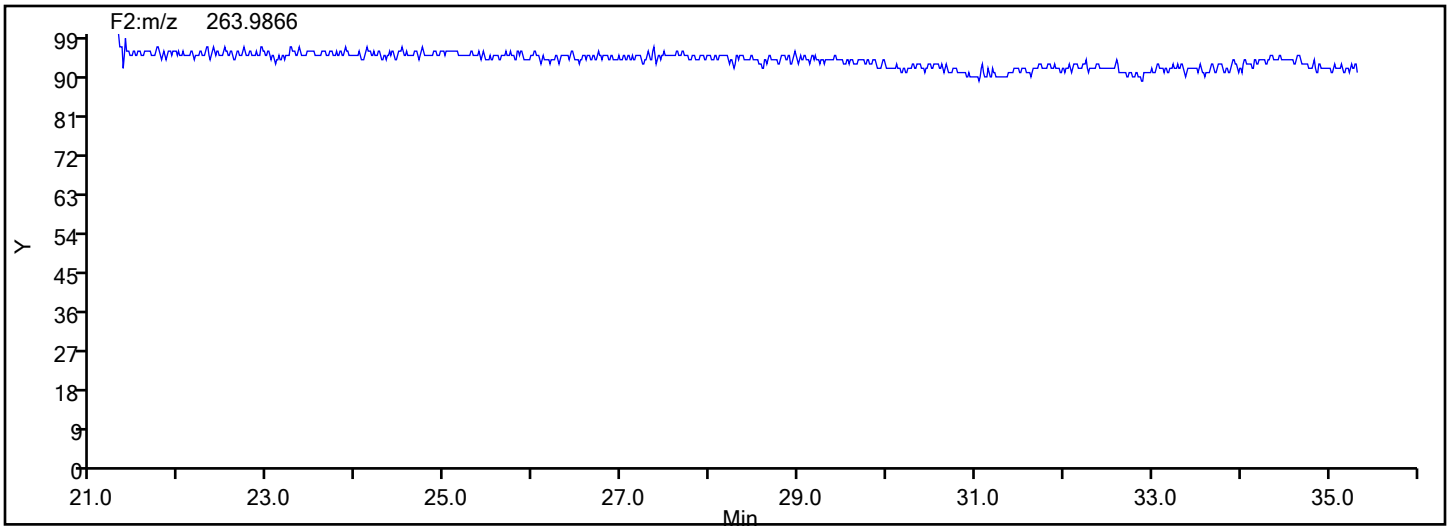
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

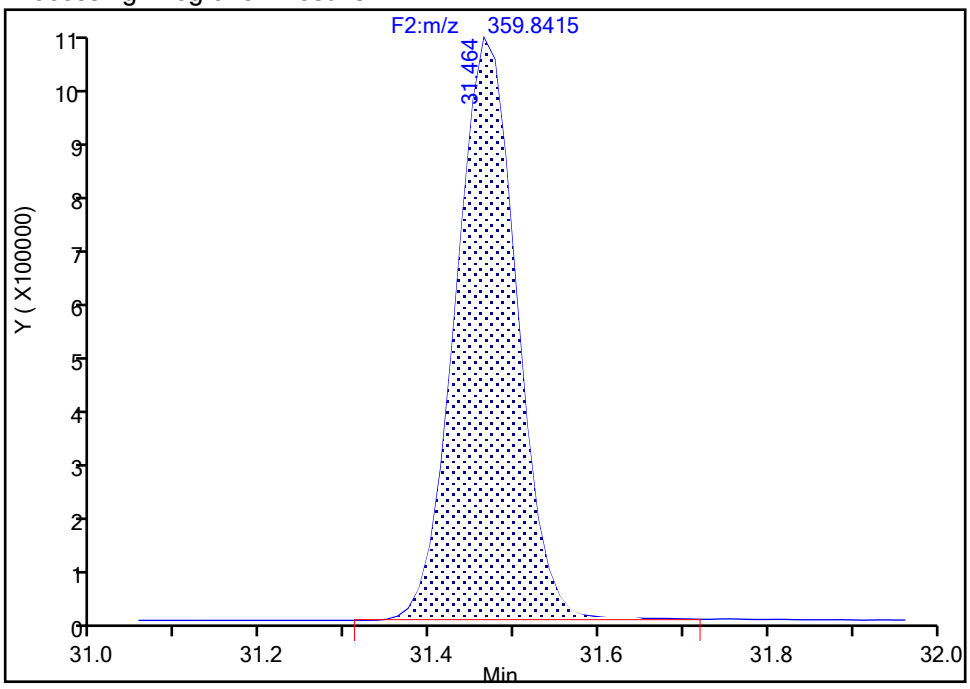
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 1

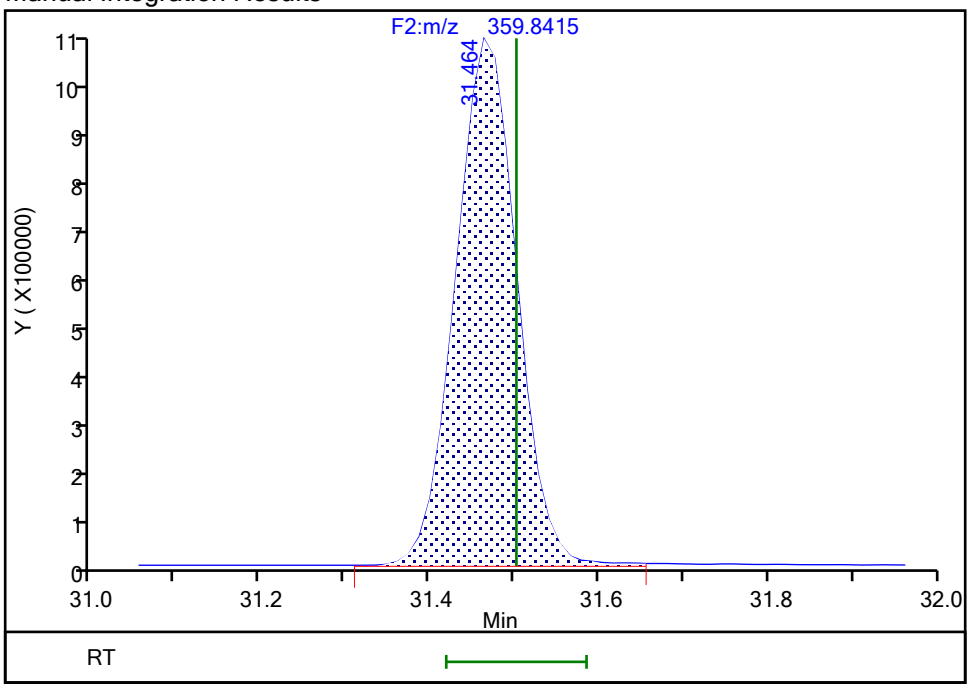
Processing Integration Results

RT: 31.46
Area: 5195000
Amount: 285.3979
Amount Units: pg/ul



Manual Integration Results

RT: 31.46
Area: 5183715
Amount: 285.0515
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:22:48 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

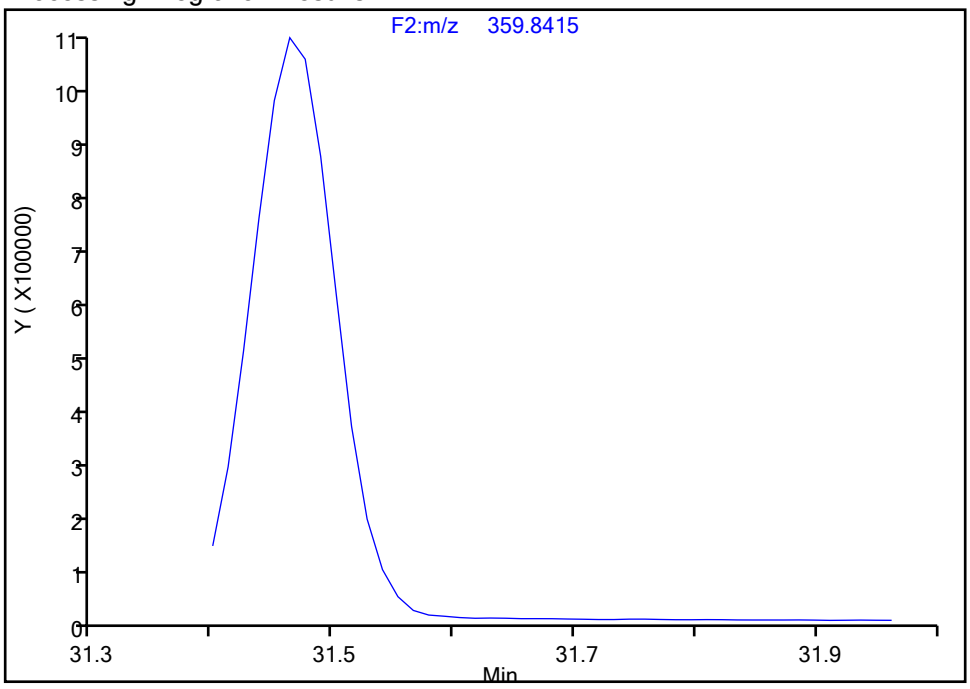
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

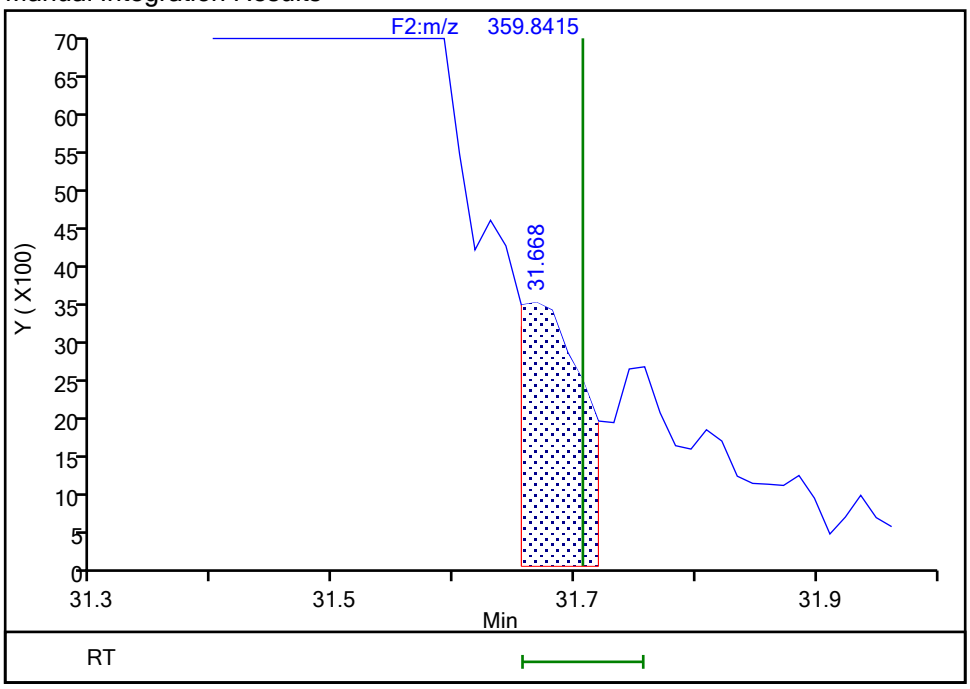
Not Detected
Expected RT: 31.71

Processing Integration Results



Manual Integration Results

RT: 31.67
Area: 11284
Amount: 0.506132
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:22:54 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

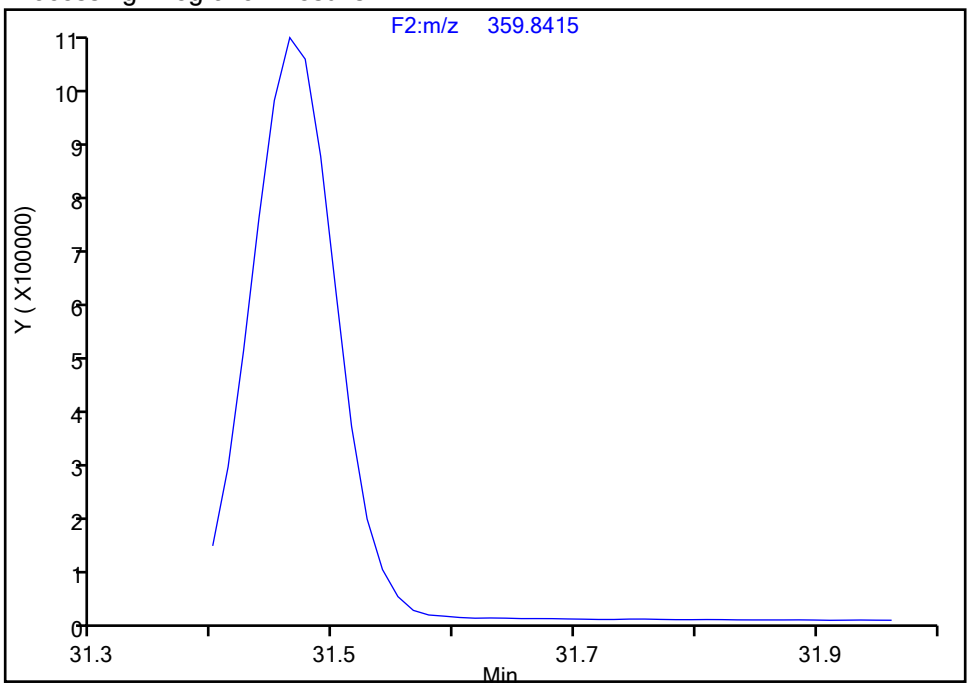
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

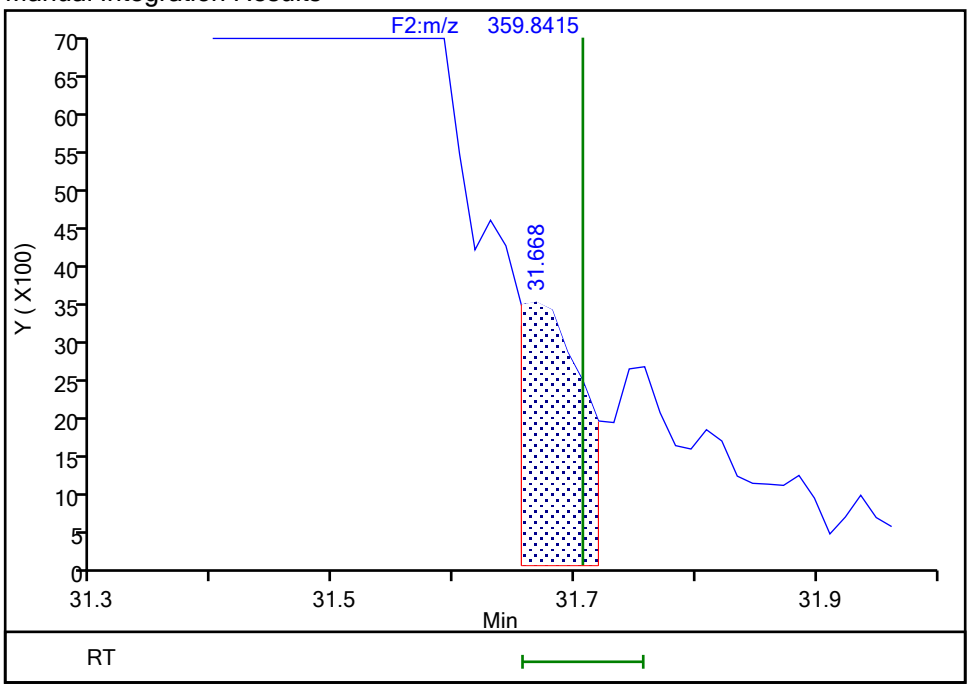
Not Detected
Expected RT: 31.71

Processing Integration Results



Manual Integration Results

RT: 31.67
Area: 11284
Amount: 0.506132
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:22:56 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

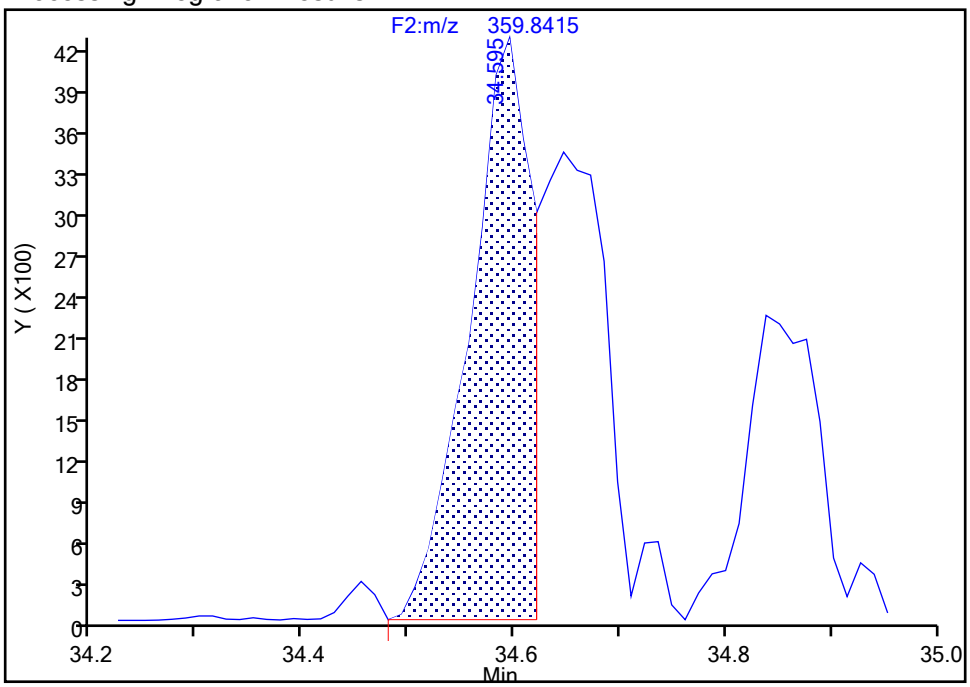
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 1

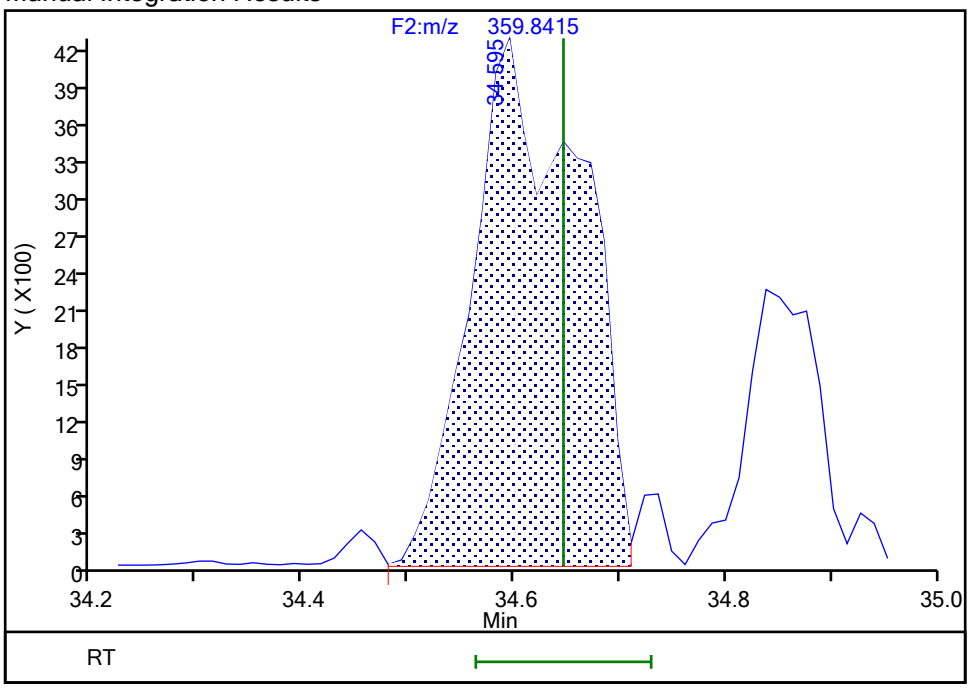
Processing Integration Results

RT: 34.60
Area: 16412
Amount: 1.179116
Amount Units: pg/ul



Manual Integration Results

RT: 34.60
Area: 30444
Amount: 2.122731
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:23:18 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

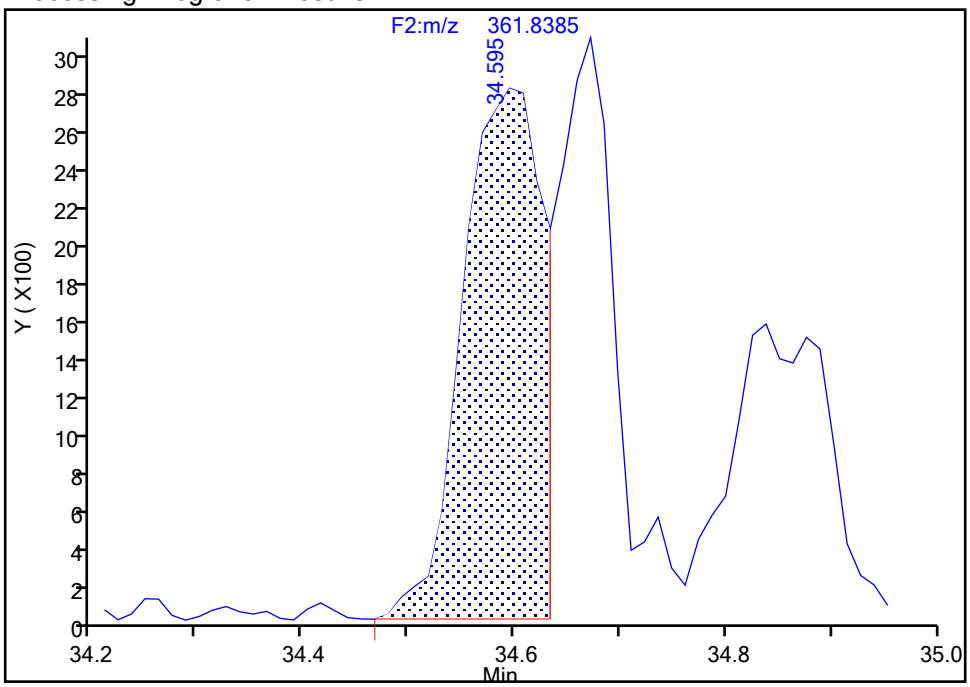
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 2

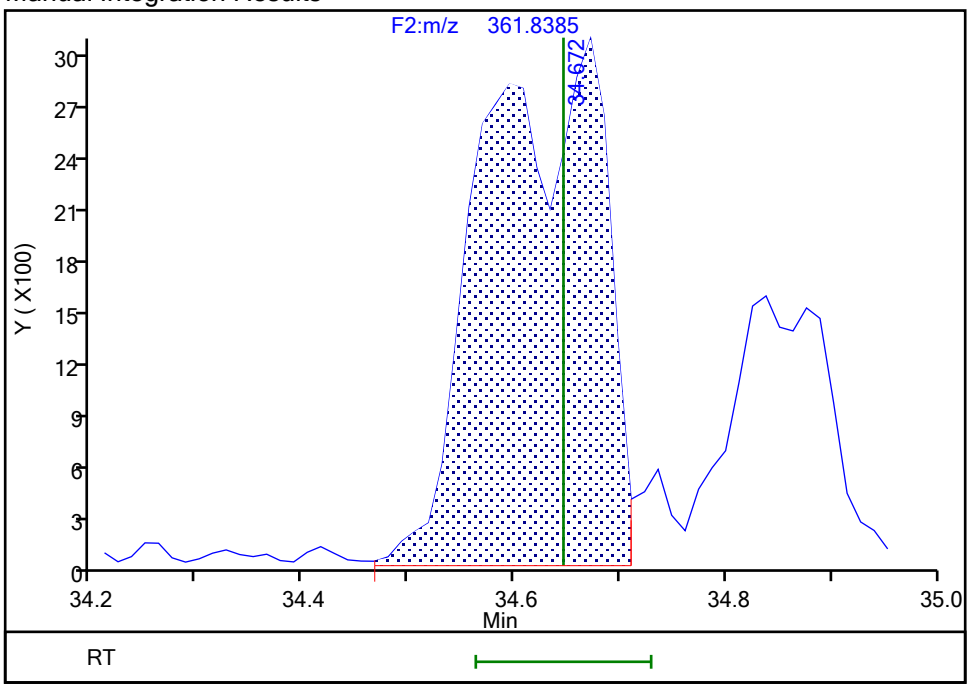
Processing Integration Results

RT: 34.60
Area: 14250
Amount: 1.179116
Amount Units: pg/ul



Manual Integration Results

RT: 34.67
Area: 24756
Amount: 2.122731
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:23:23 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

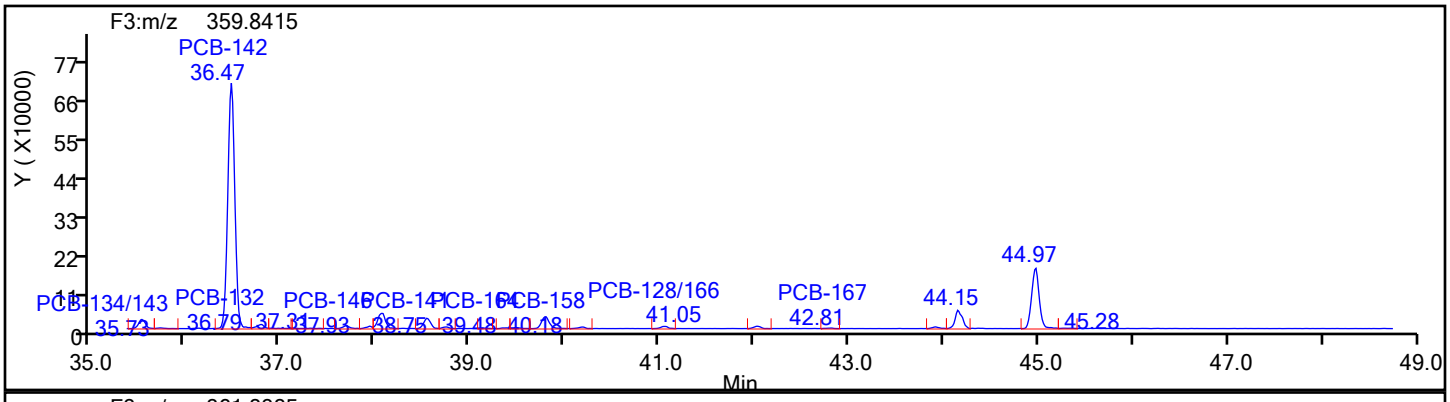
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

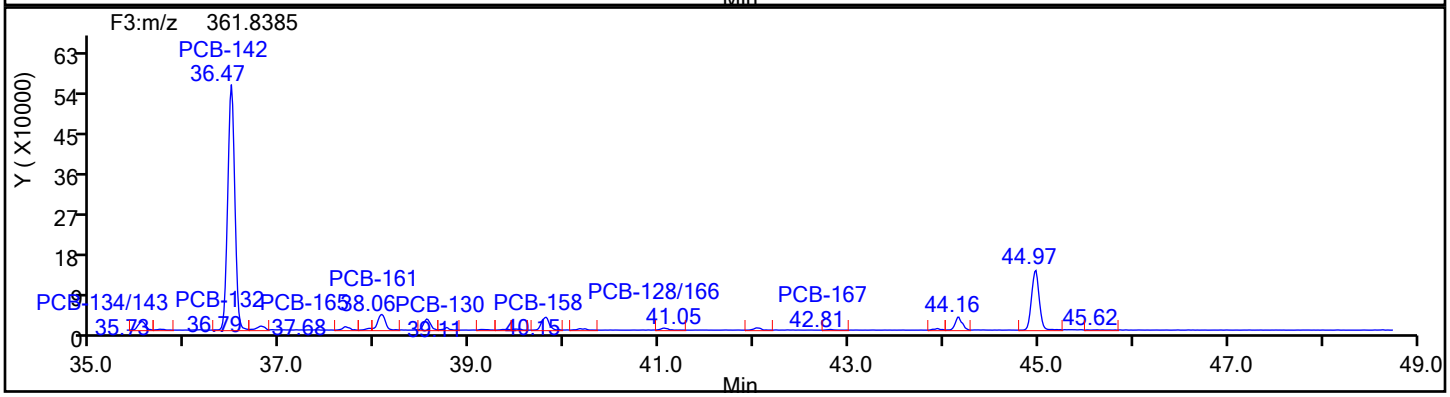
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

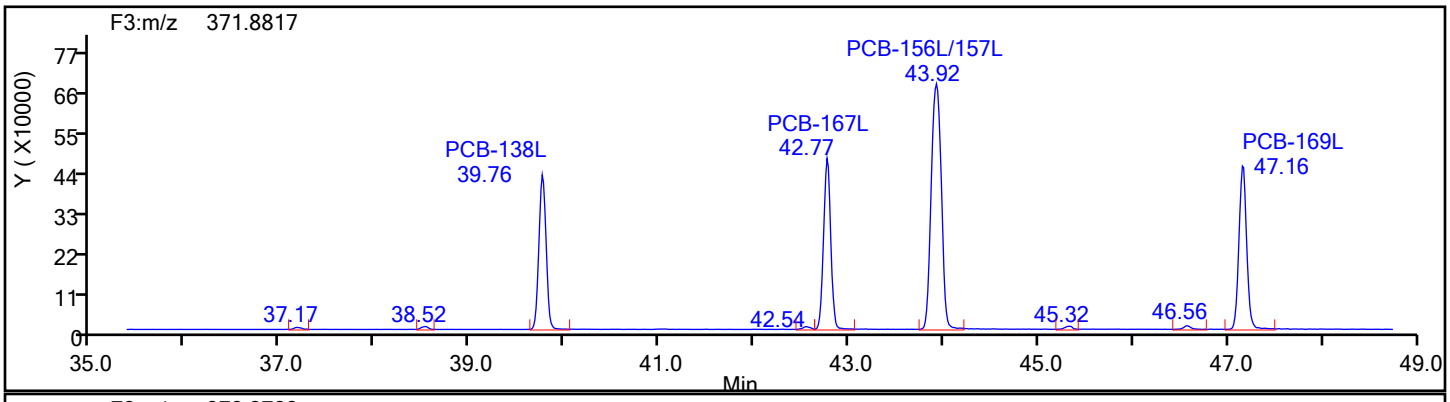
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

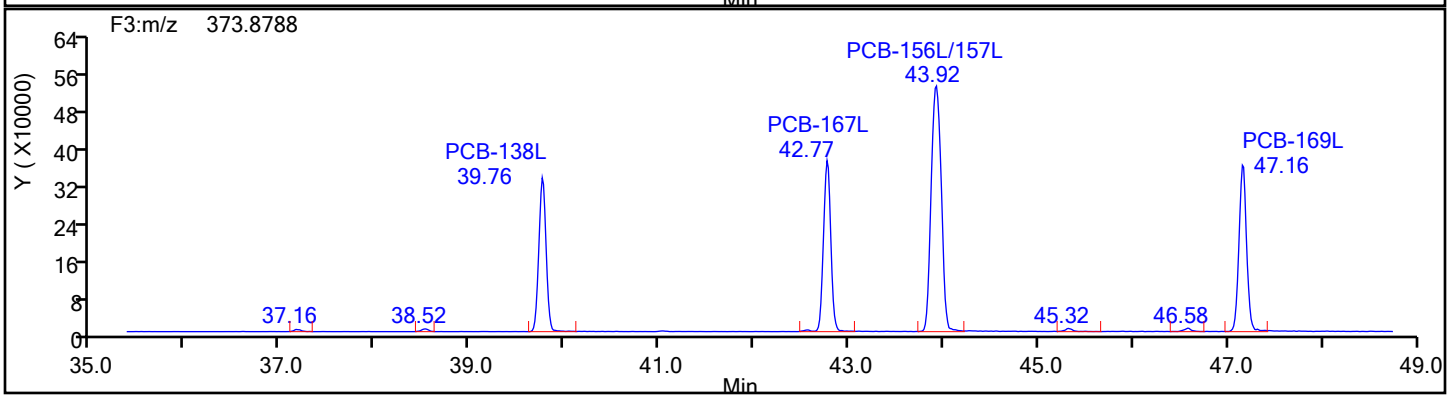
HxPCB F3





HxPCB F3 Standards



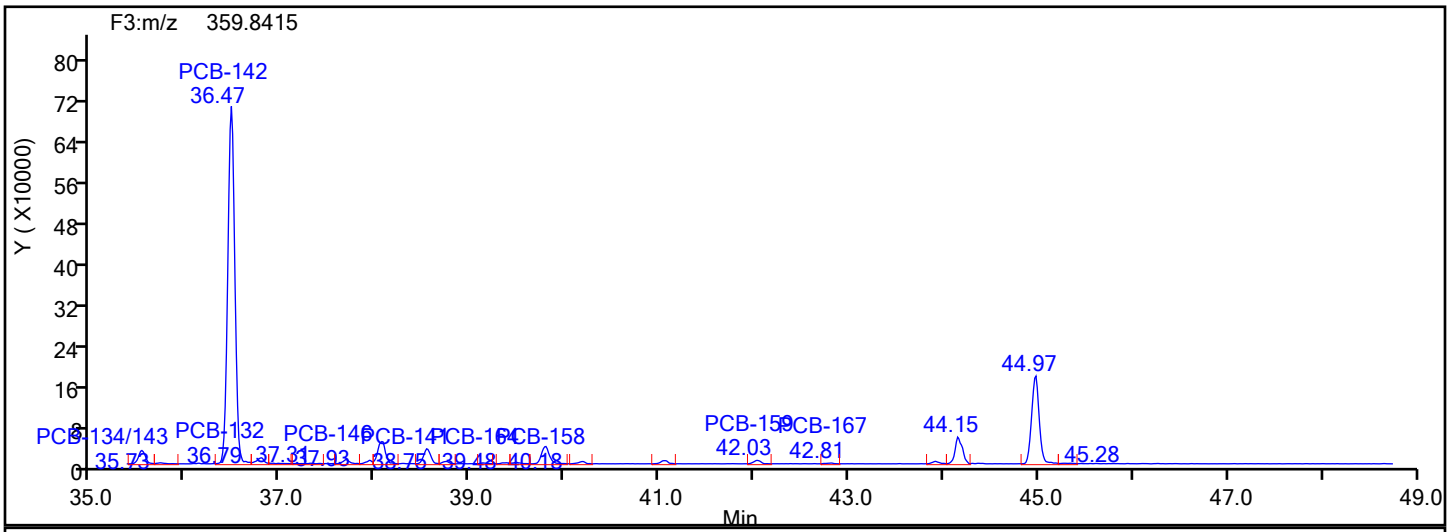


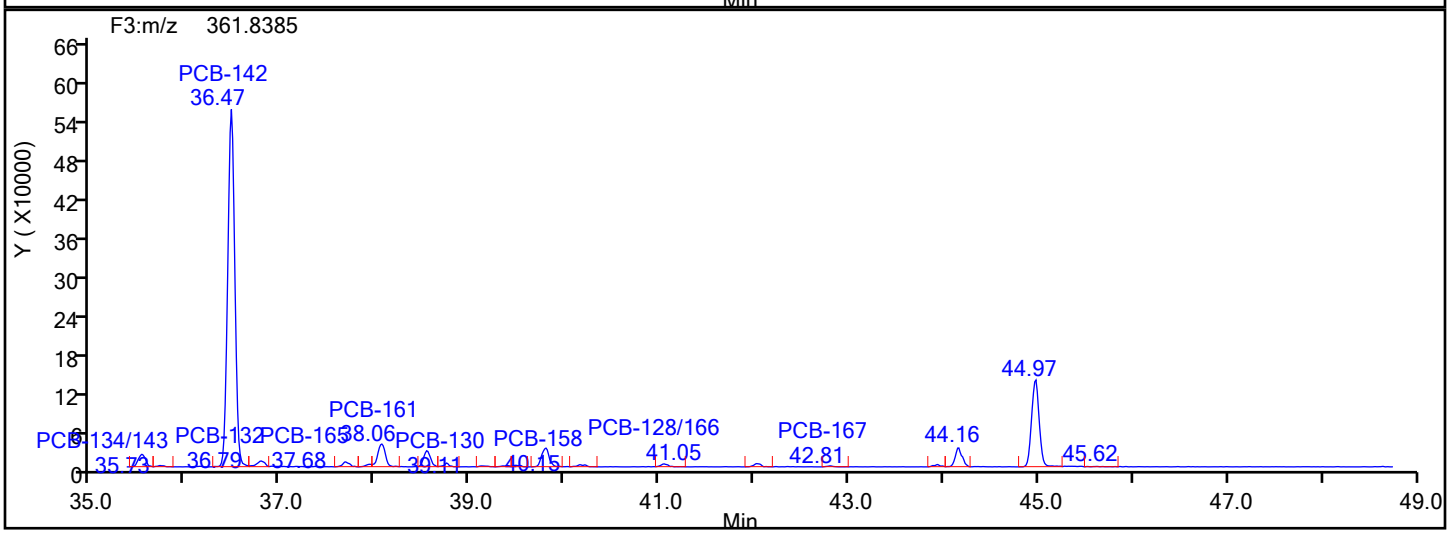
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

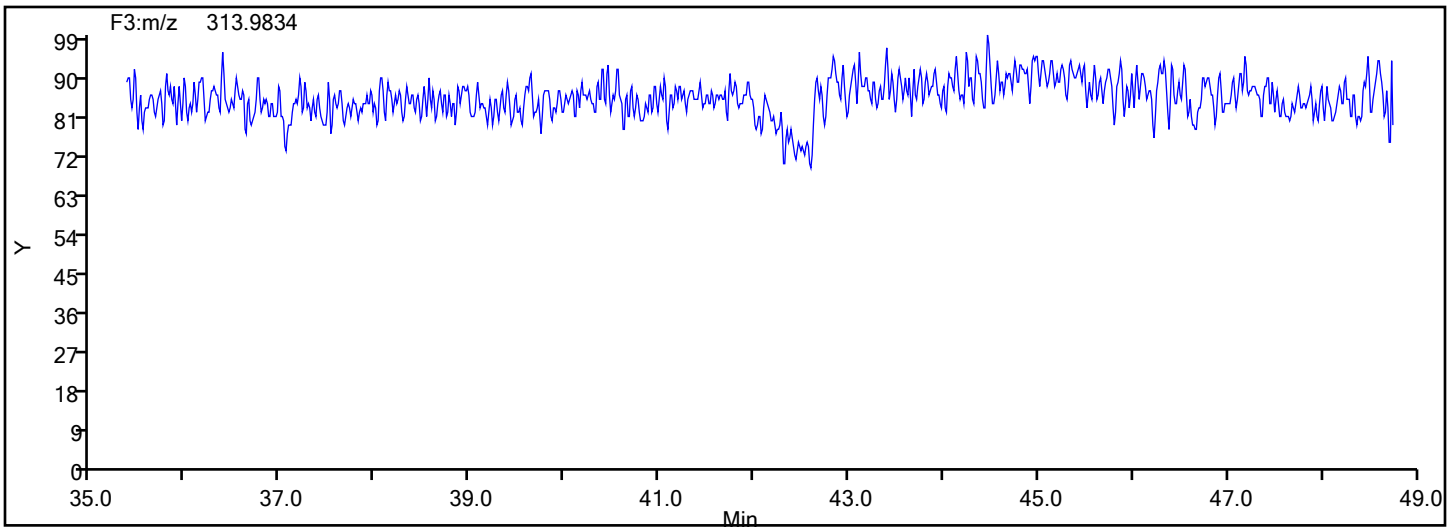
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d
Injection Date: 03-Jan-2024 19:31:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-01
Worklist#: 81990 Sample Line#: 8
Column Type: Column Dia:

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

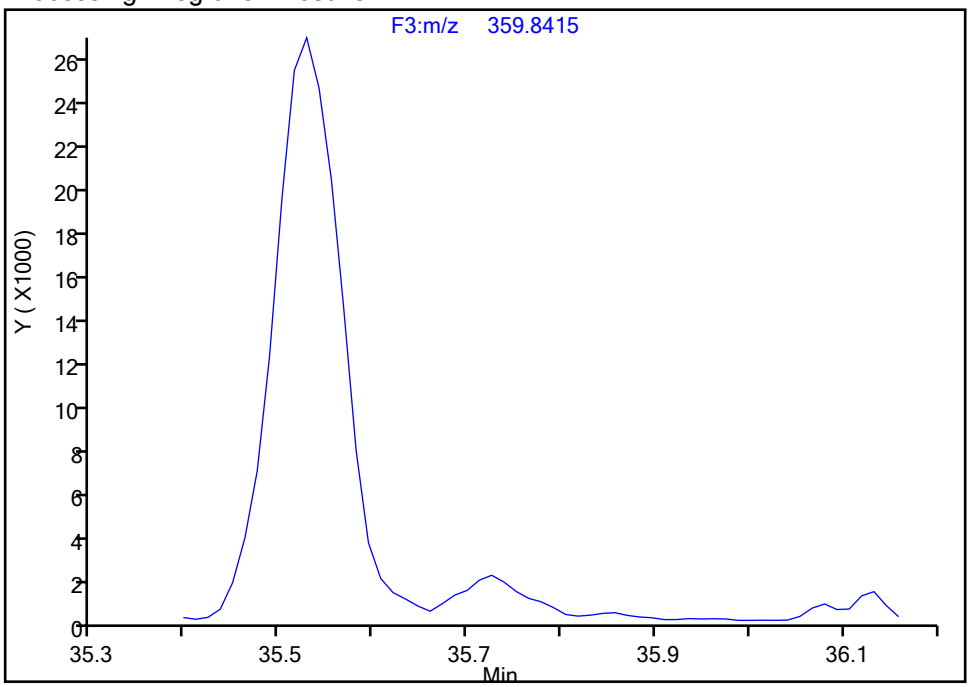
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 1

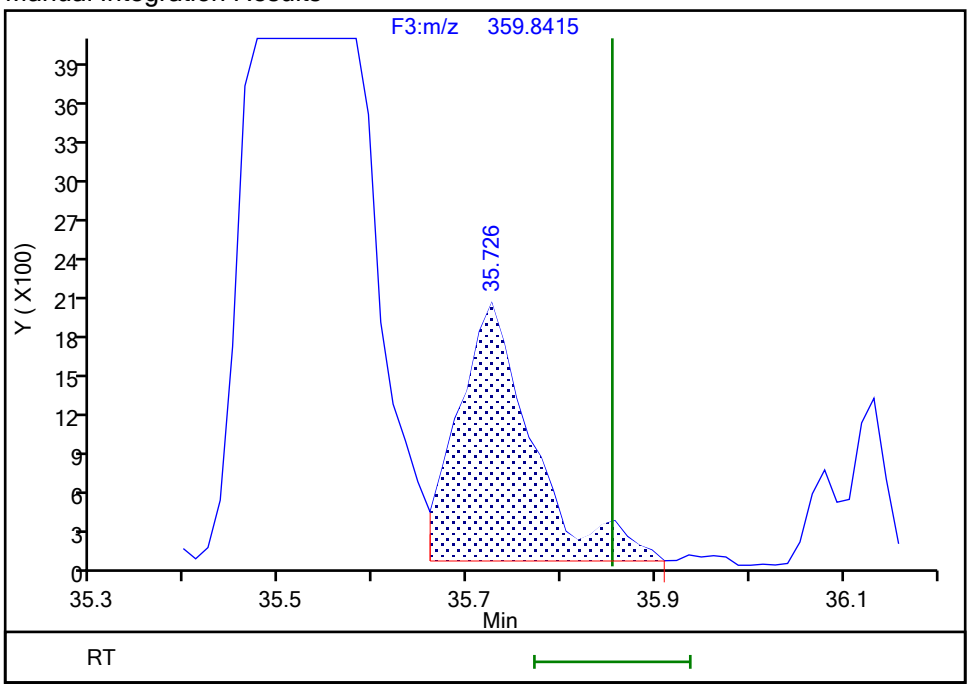
Not Detected
Expected RT: 35.85

Processing Integration Results



Manual Integration Results

RT: 35.73
Area: 10946
Amount: 0.715520
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:23:37 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

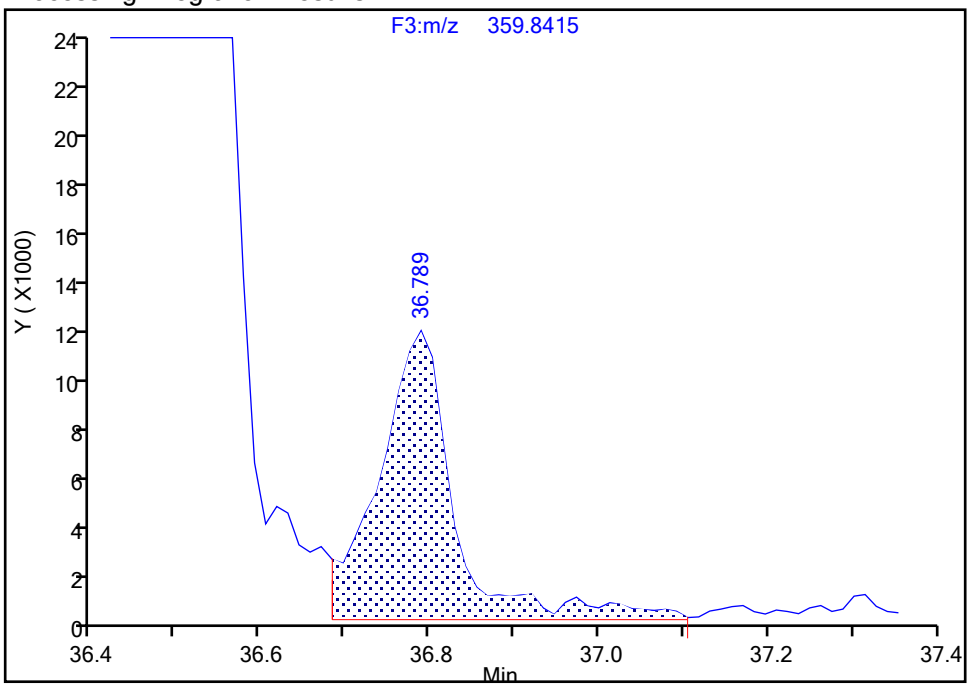
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-132, CAS: 38380-05-1

Signal: 1

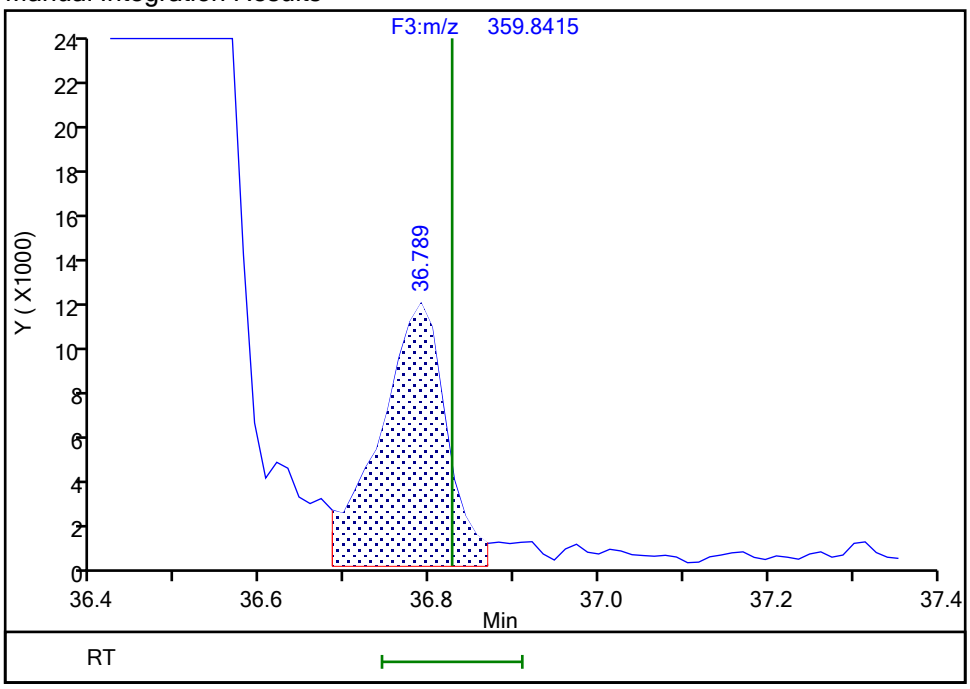
Processing Integration Results

RT: 36.79
Area: 73474
Amount: 4.062089
Amount Units: pg/ul



Manual Integration Results

RT: 36.79
Area: 64257
Amount: 3.773075
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:23:56 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

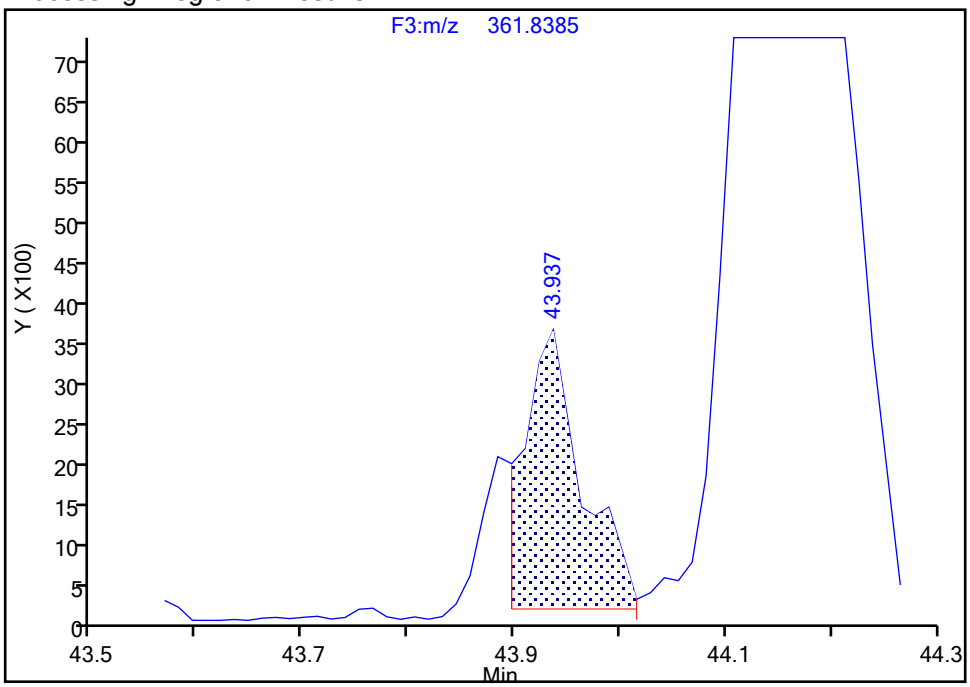
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-156/157, CAS: STL01792

Signal: 2

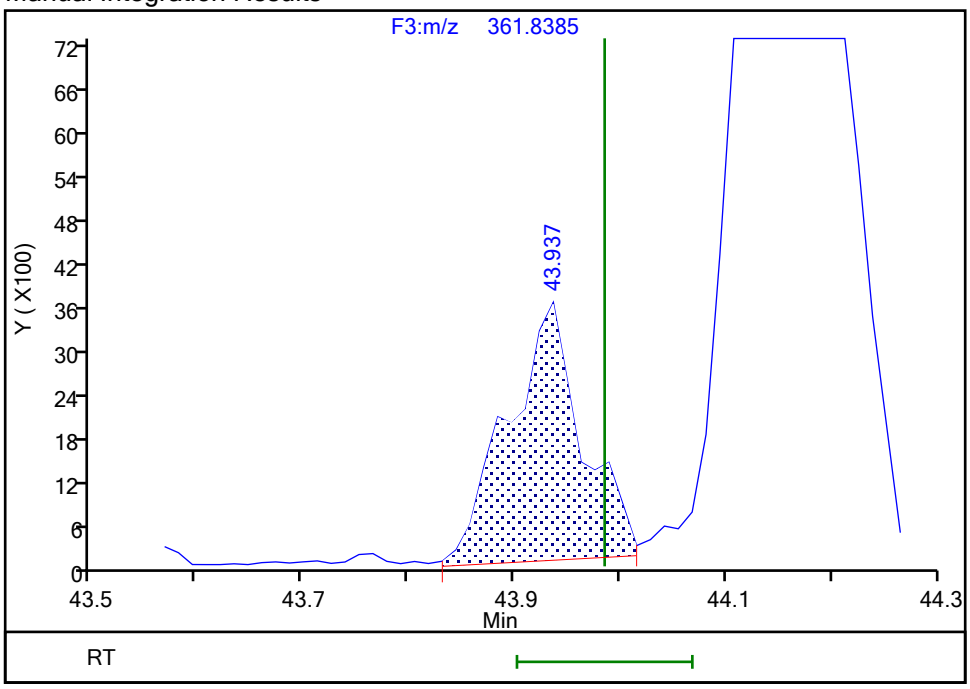
Processing Integration Results

RT: 43.94
Area: 12878
Amount: 0.742393
Amount Units: pg/ul



Manual Integration Results

RT: 43.94
Area: 17285
Amount: 0.833675
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:24:27 -05:00:00 (UTC)

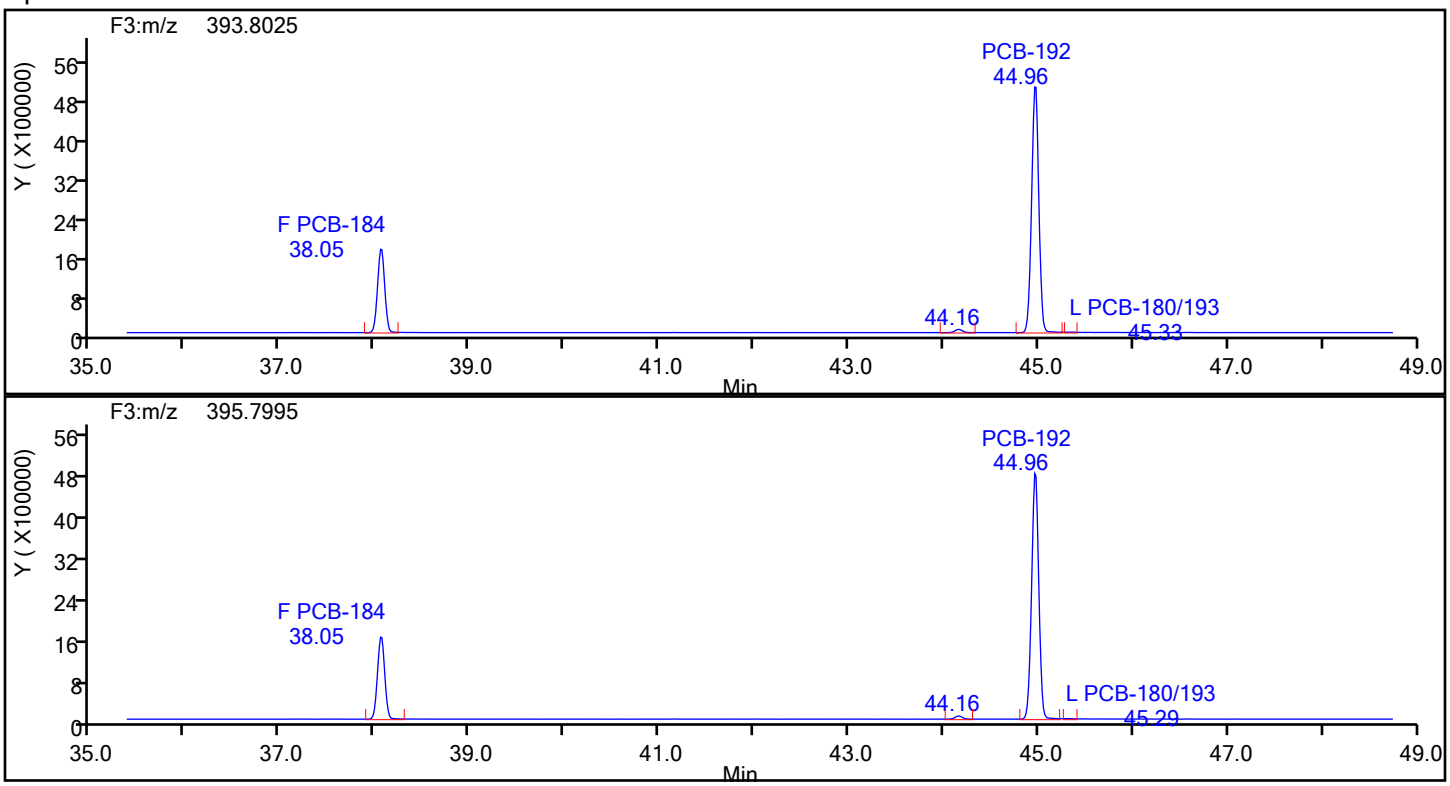
Audit Action: Manually Integrated Audit Reason: Baseline

Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

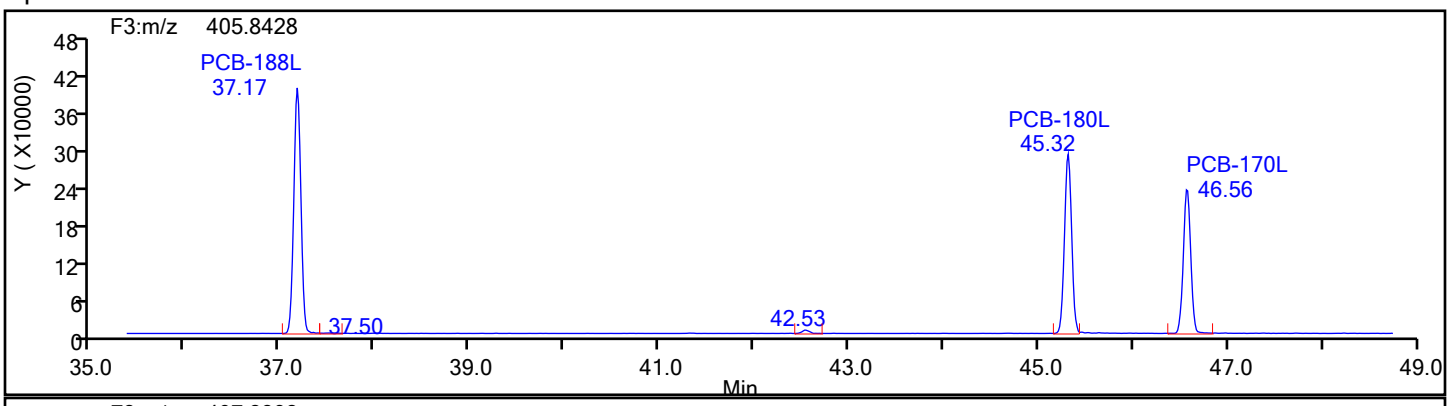
Eurofins Knoxville

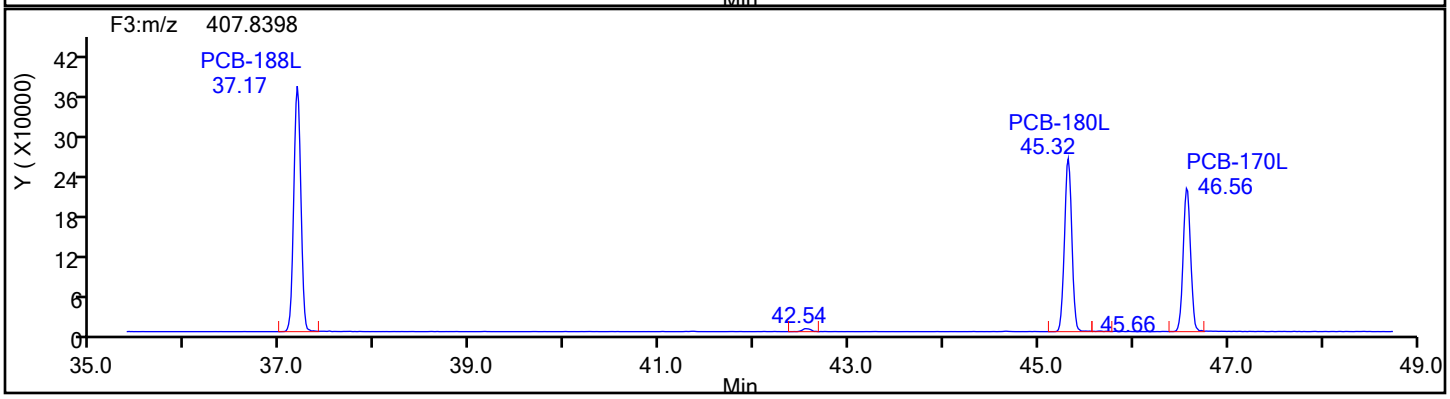
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

HpPCB F3



HpPCB F3 Standards



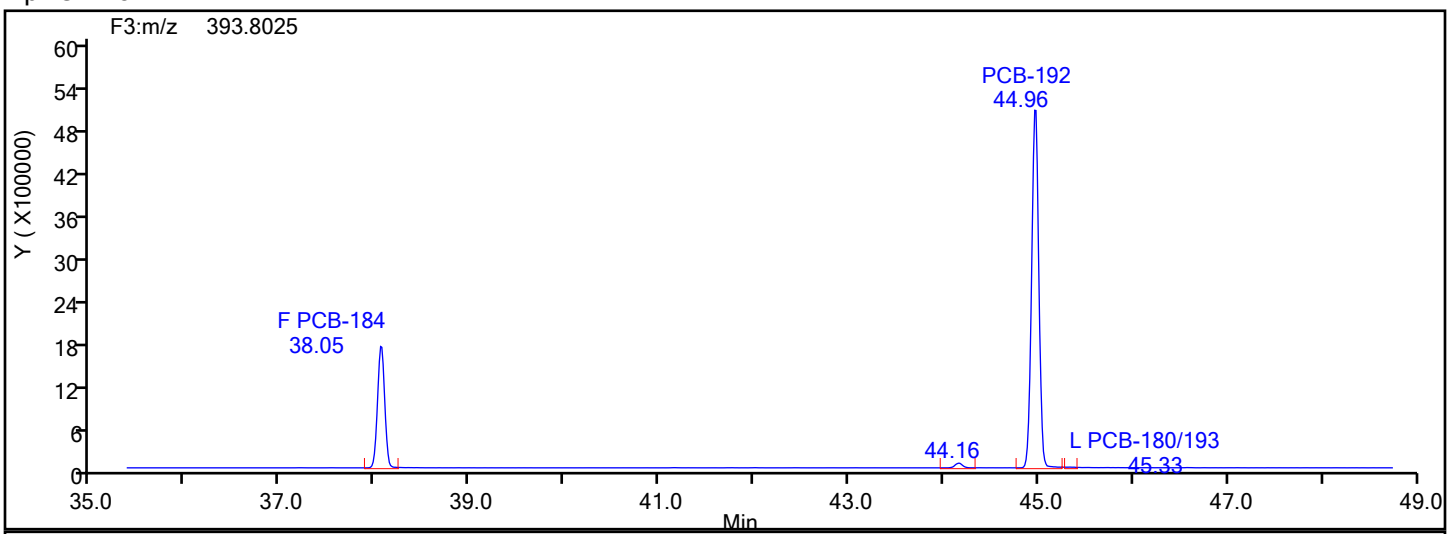


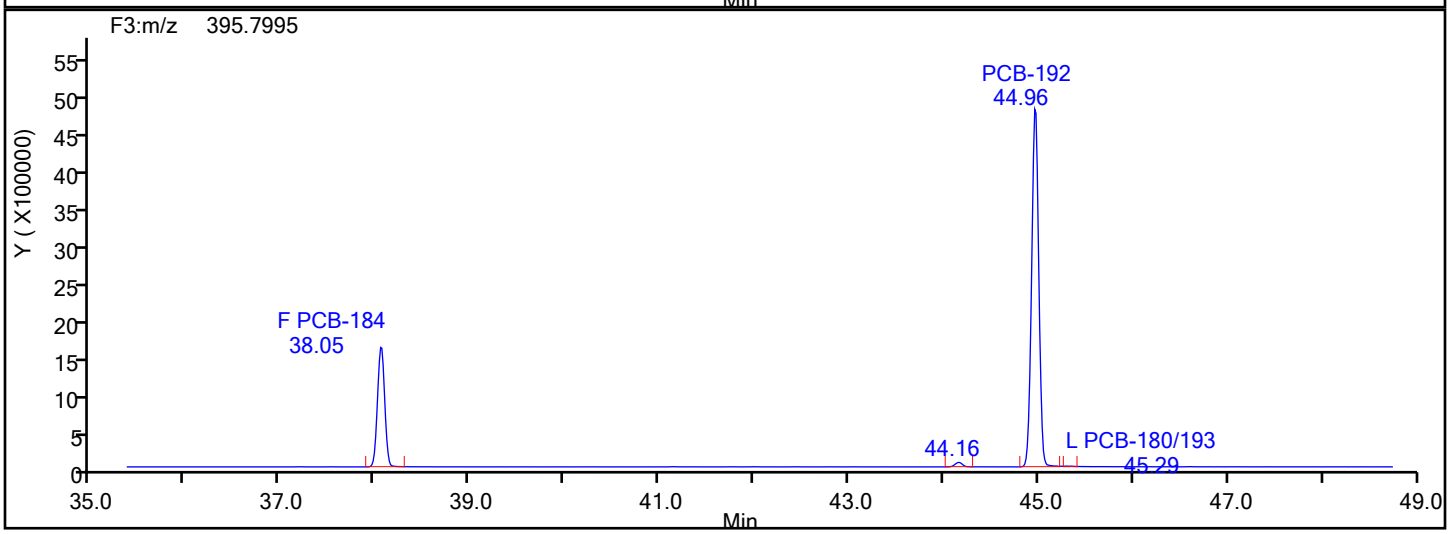
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

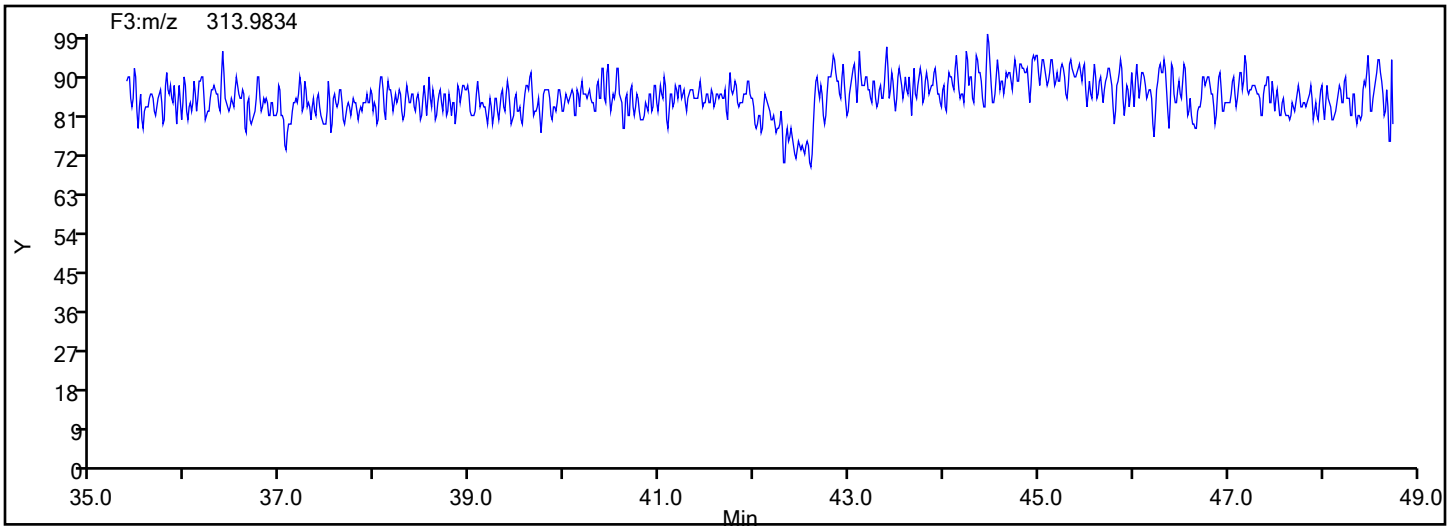
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



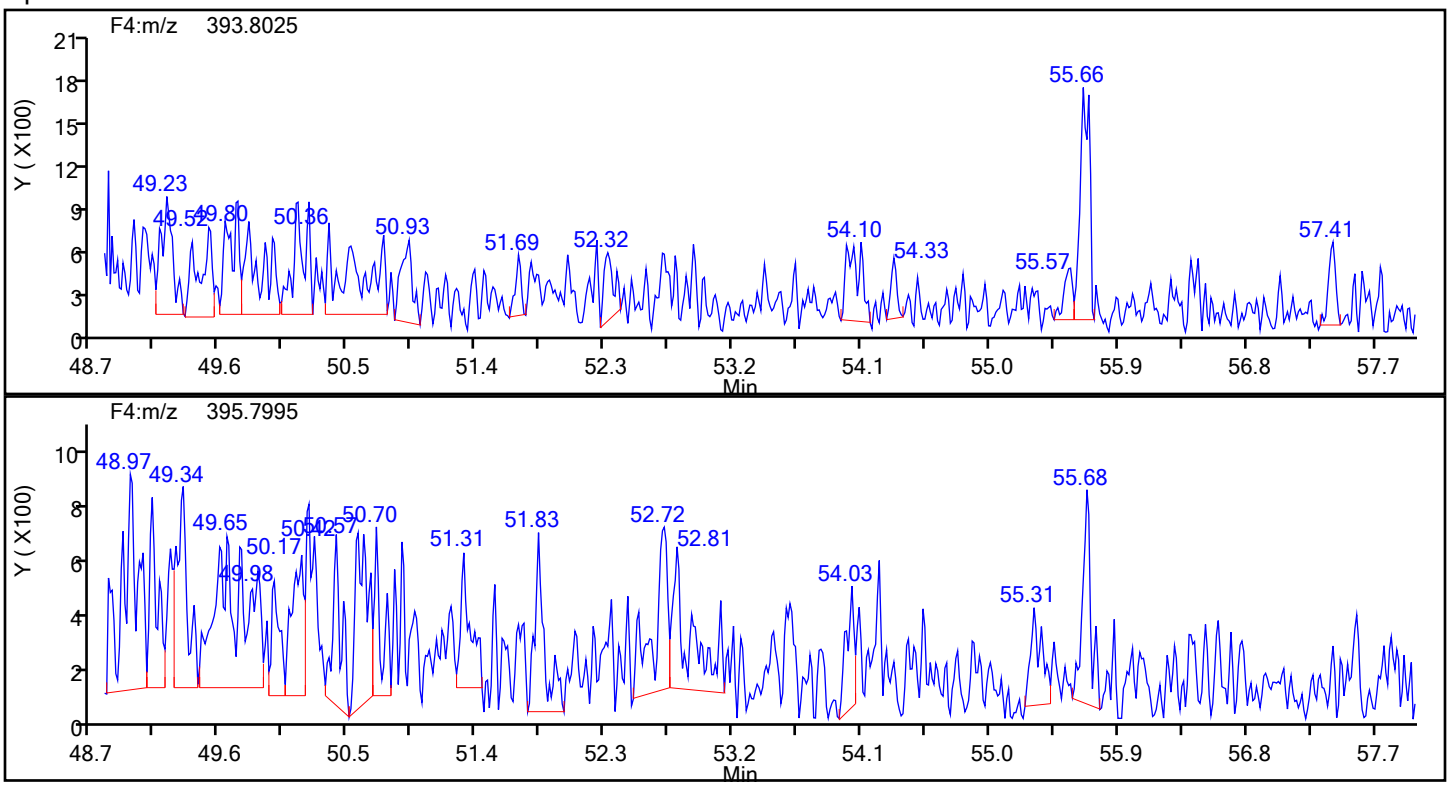
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

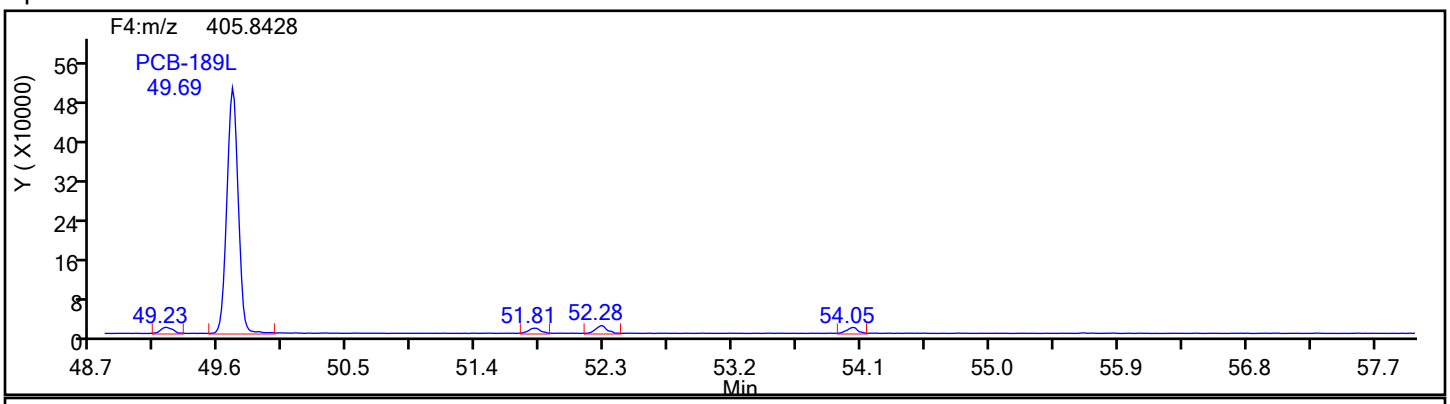
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

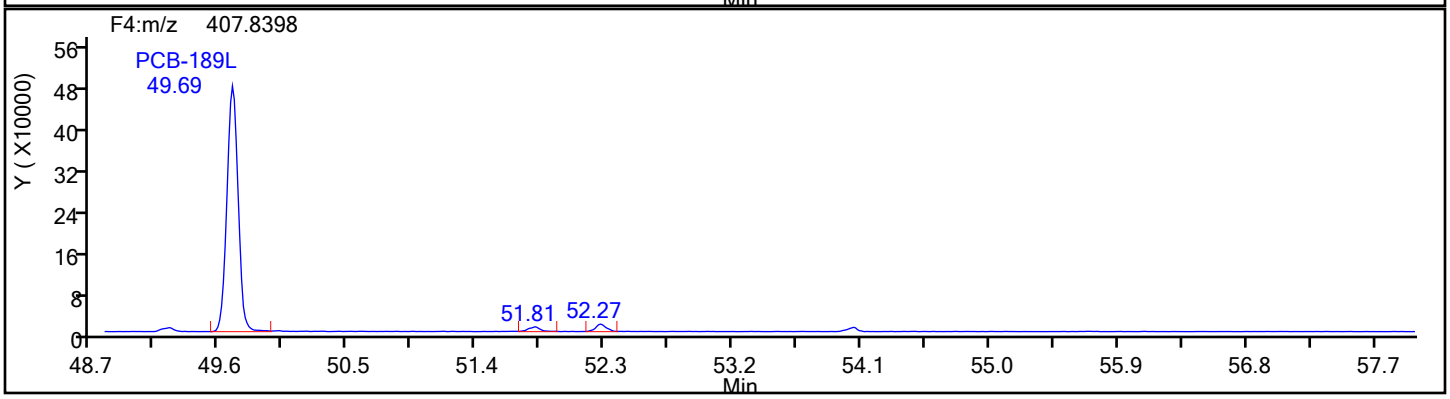
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

HpPCB F4



HpPCB F4 Standards





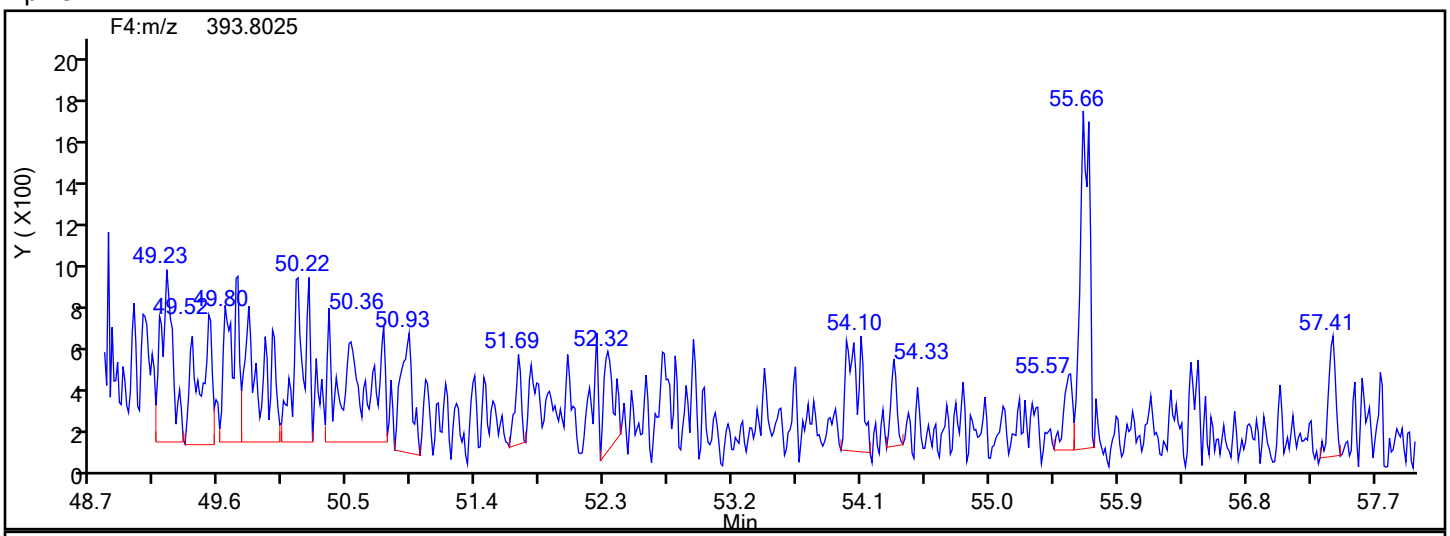
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

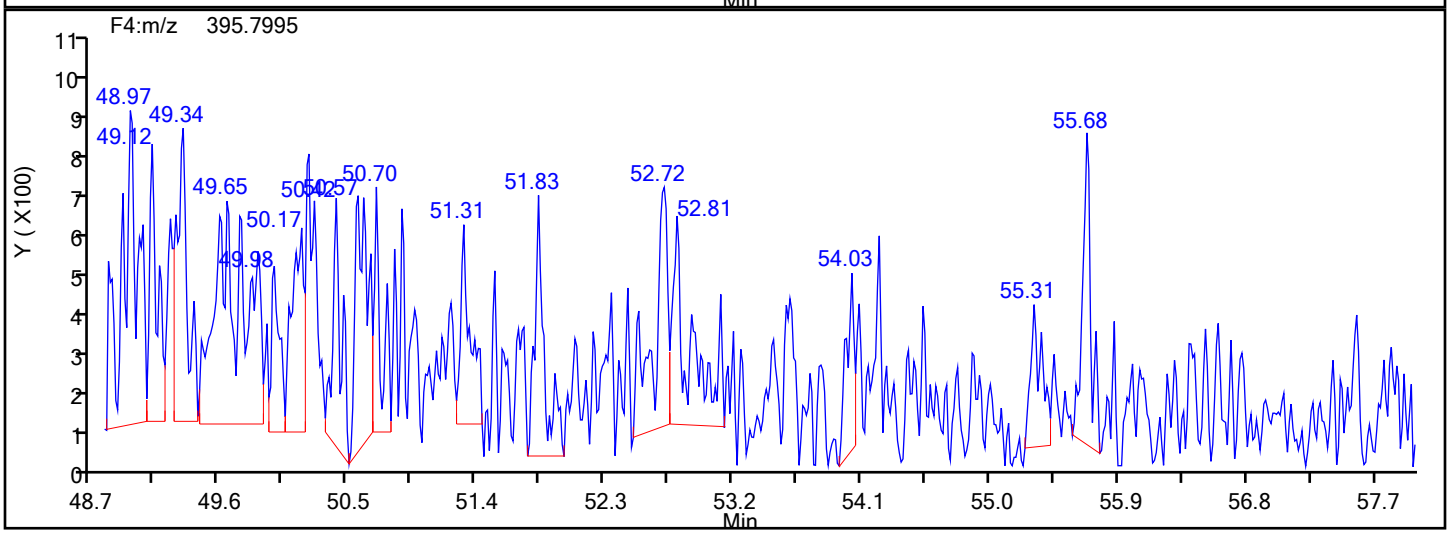
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

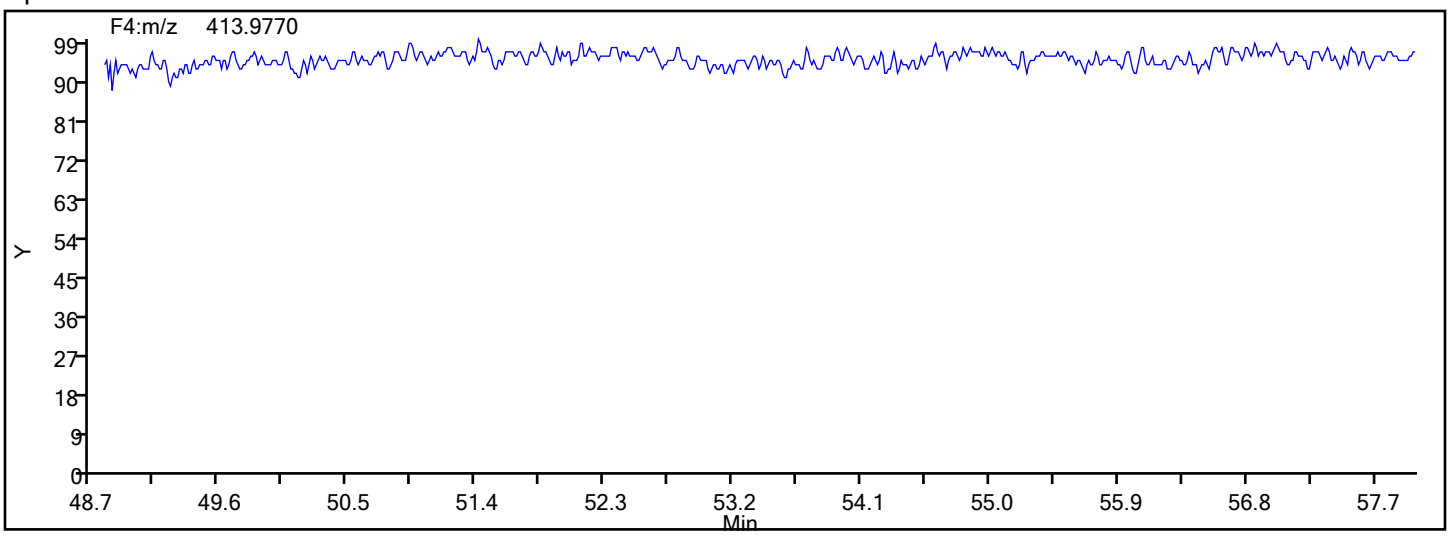
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



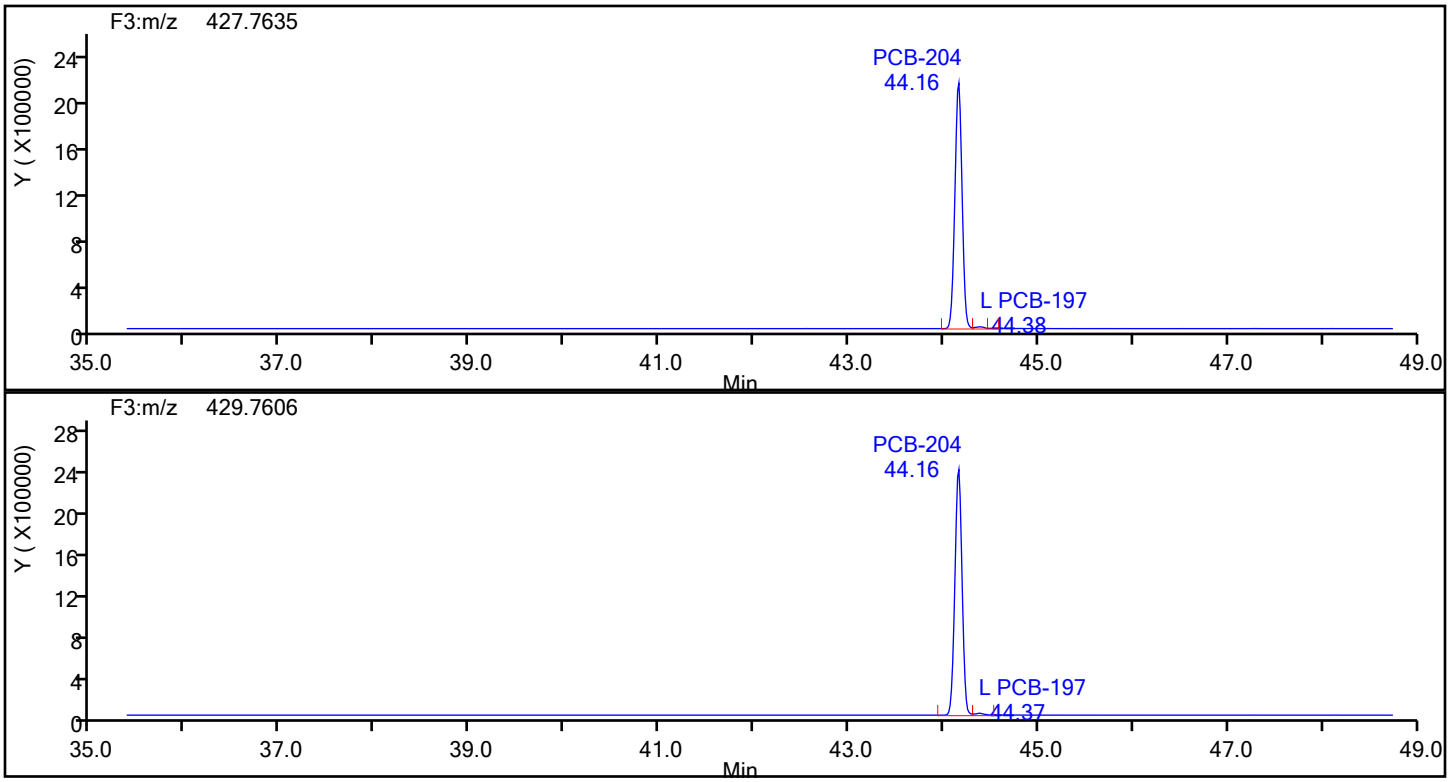
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

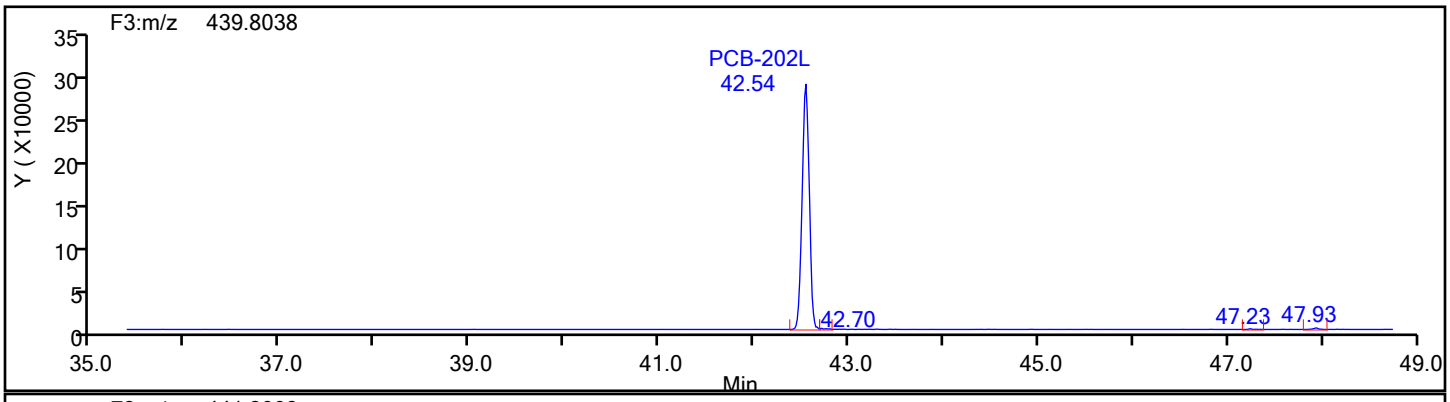
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

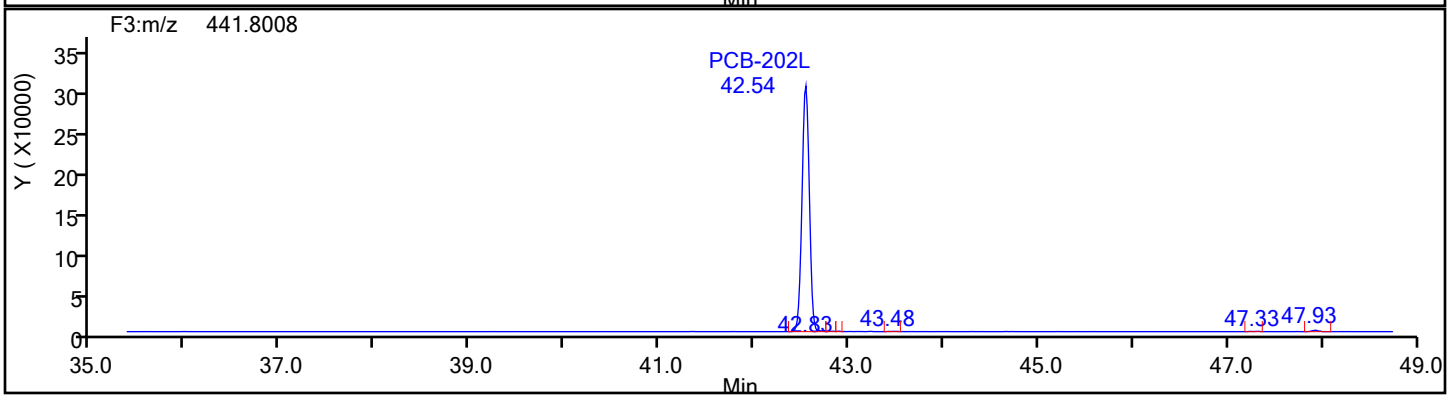
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards



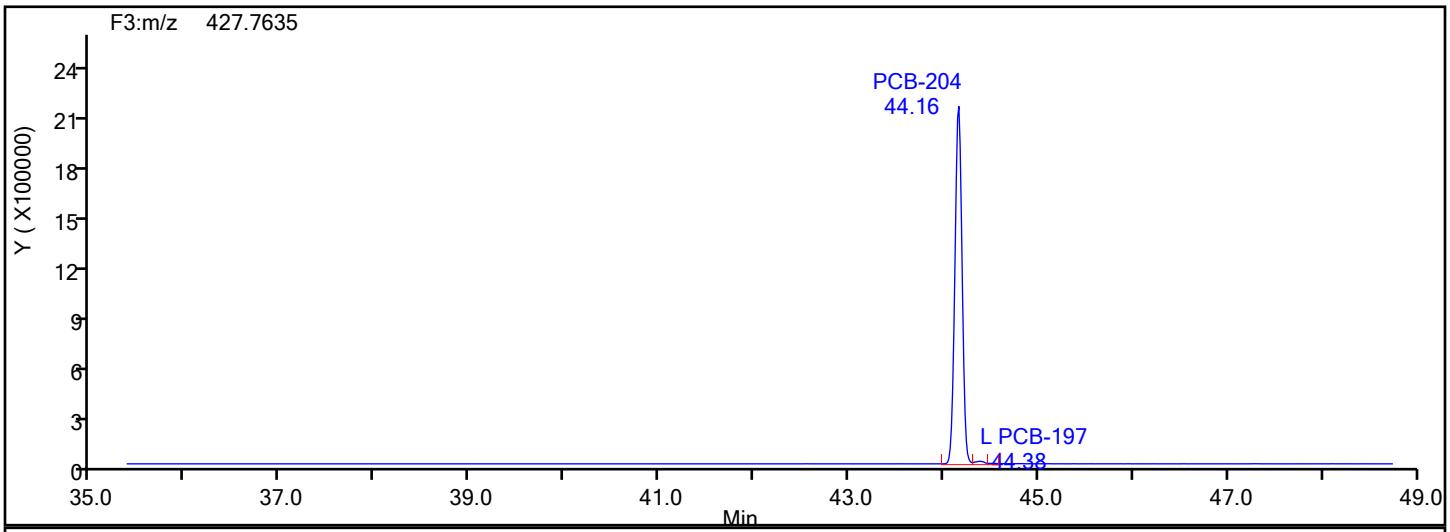


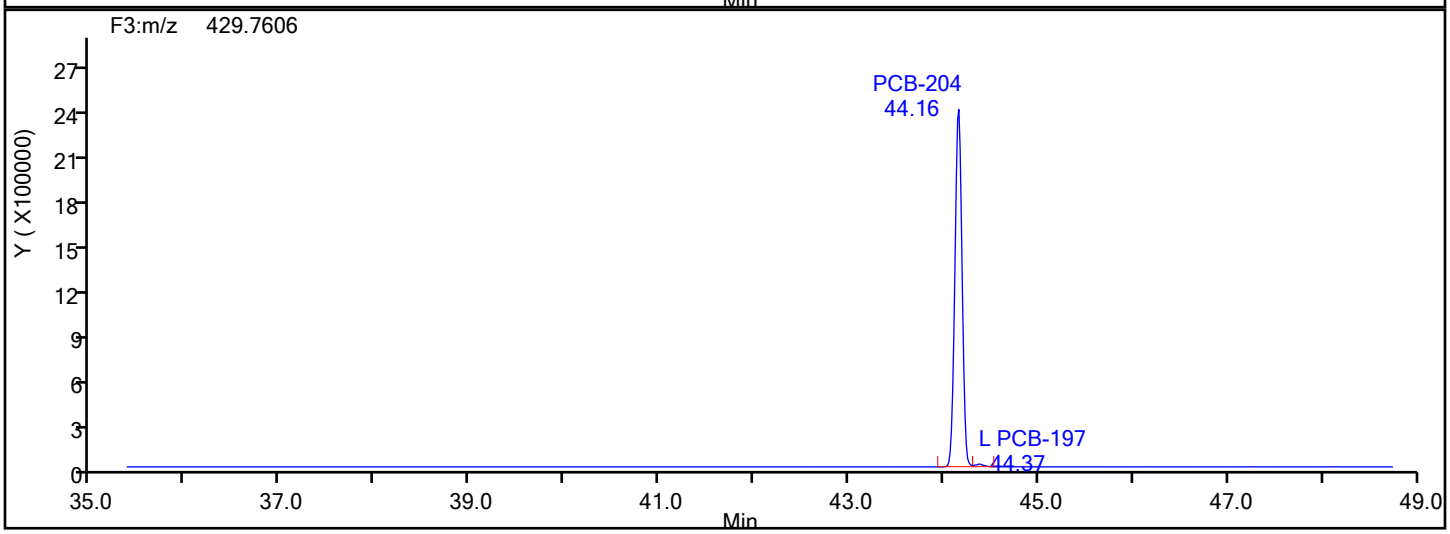
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

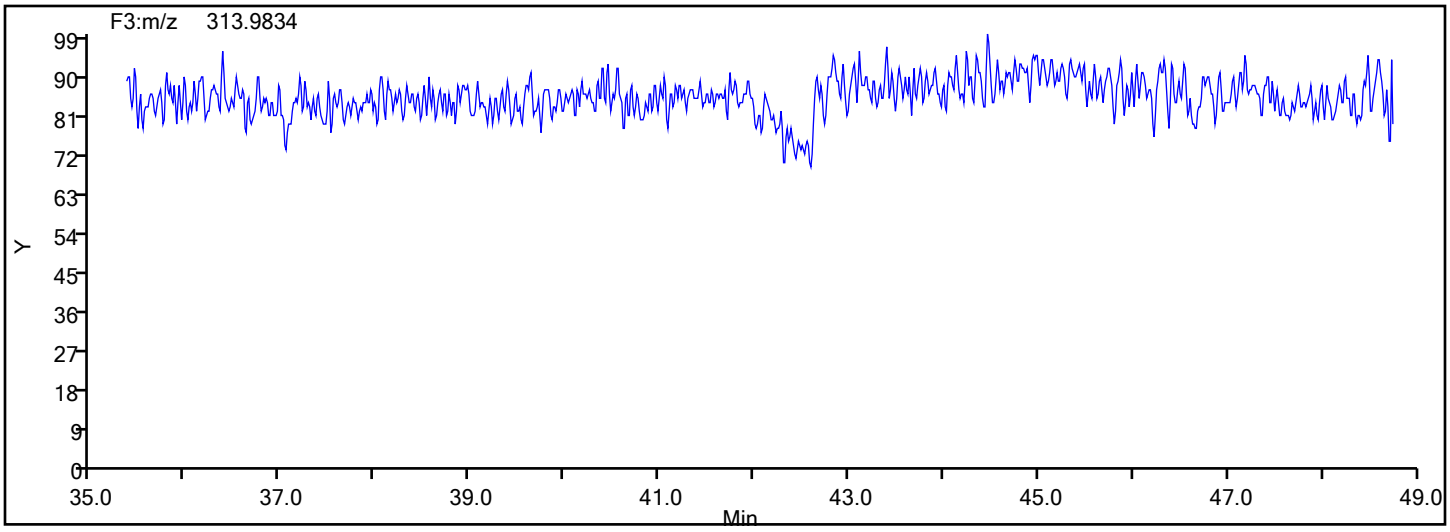
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

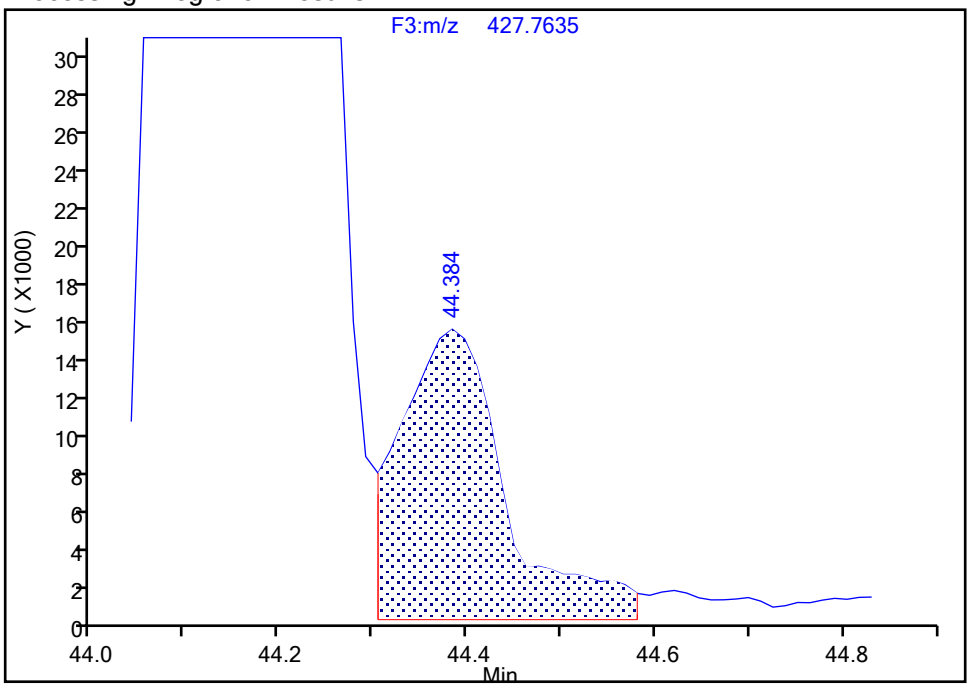
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 1

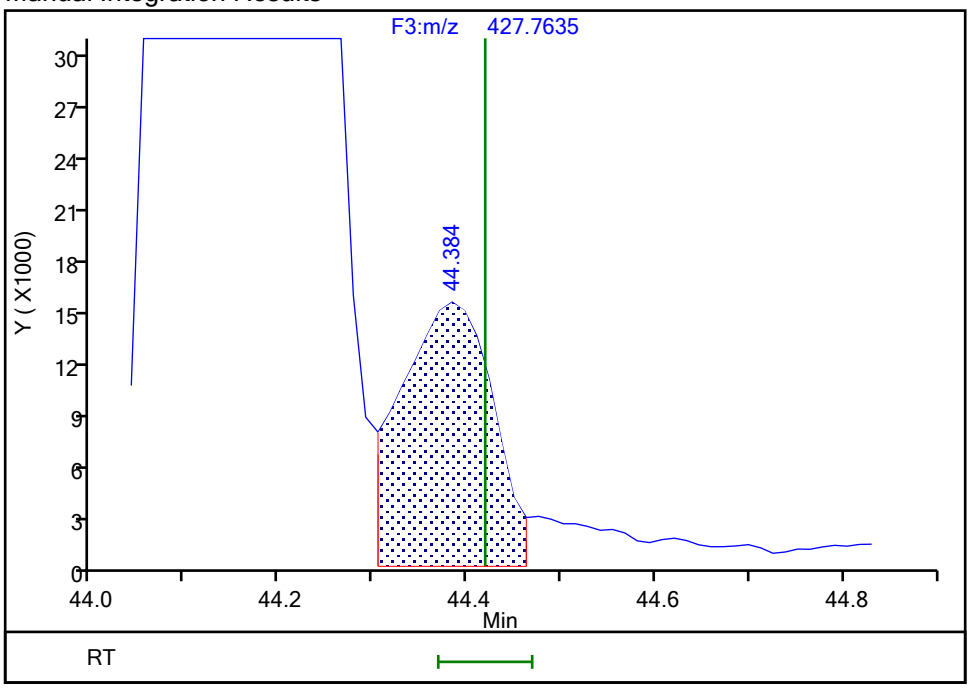
Processing Integration Results

RT: 44.38
Area: 119772
Amount: 7.377701
Amount Units: pg/ul



Manual Integration Results

RT: 44.38
Area: 103370
Amount: 6.881918
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:25:41 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

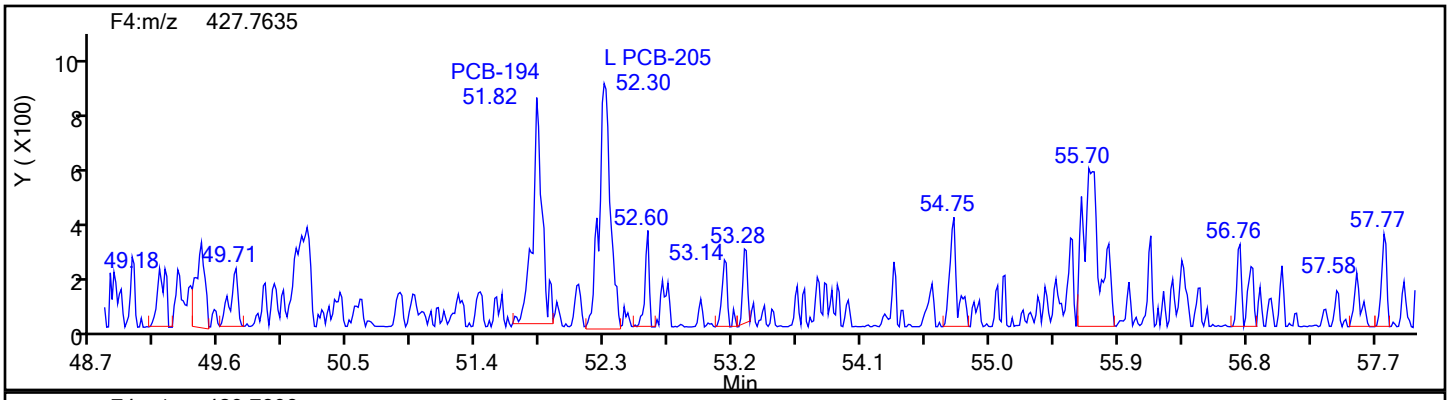
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

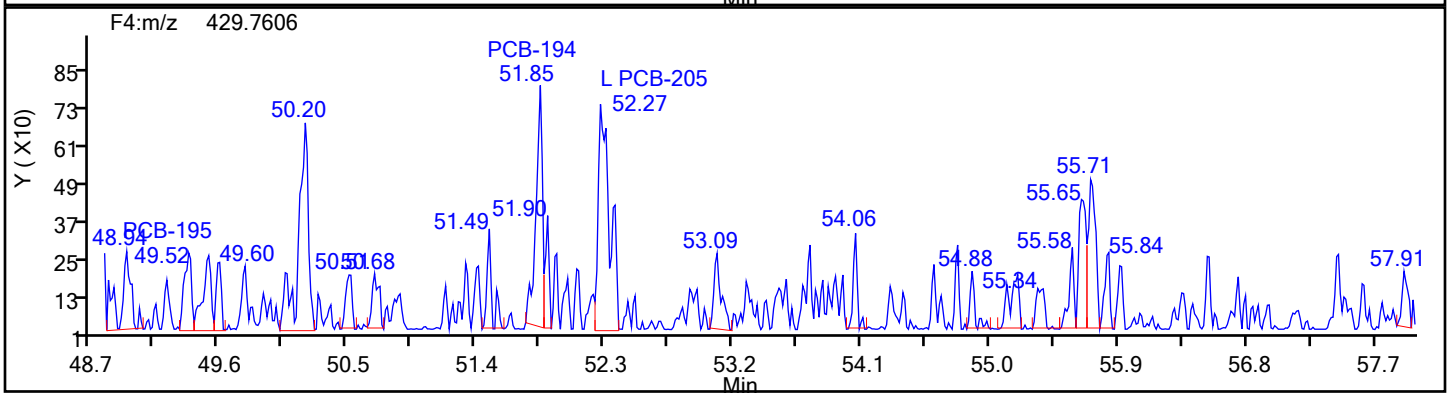
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

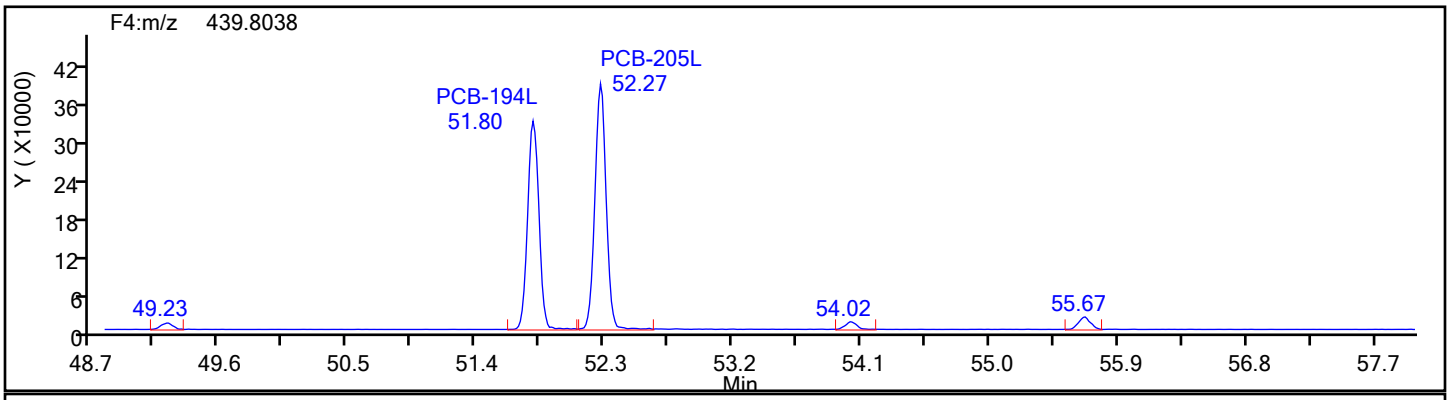
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

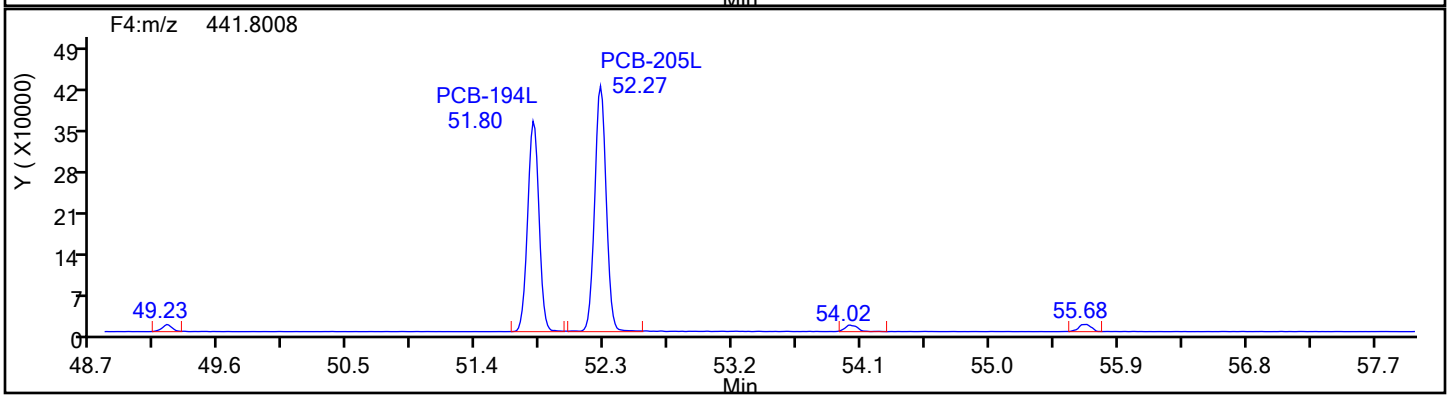
OcPCB F4





OcPCB F4 Standards



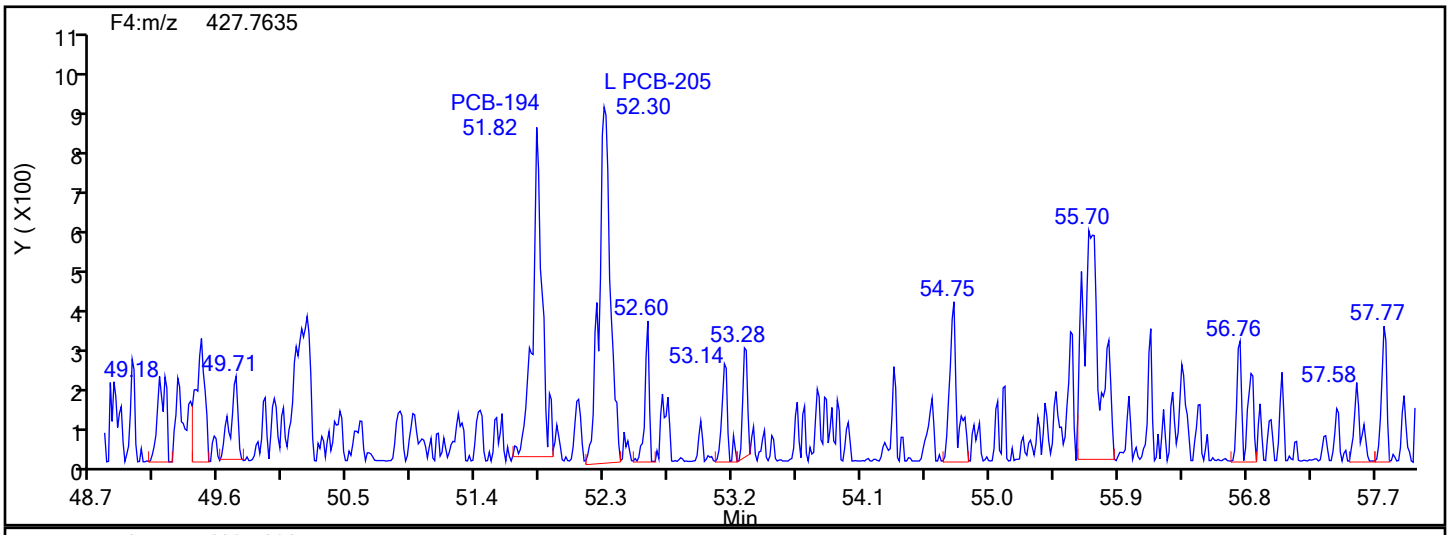


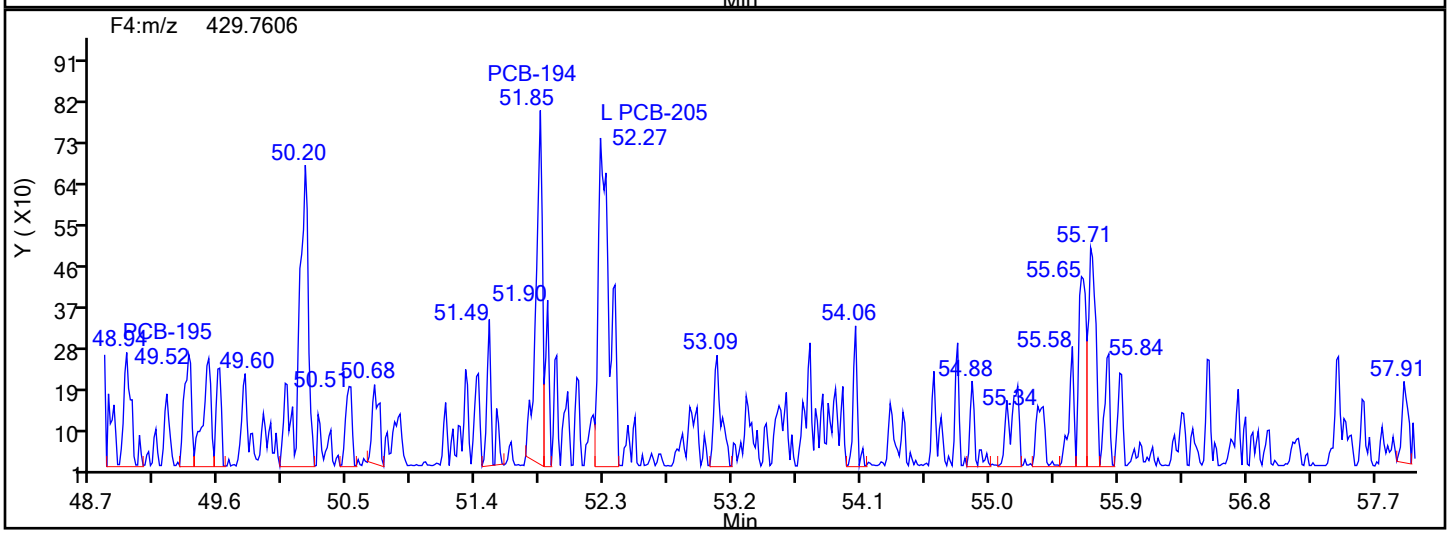
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

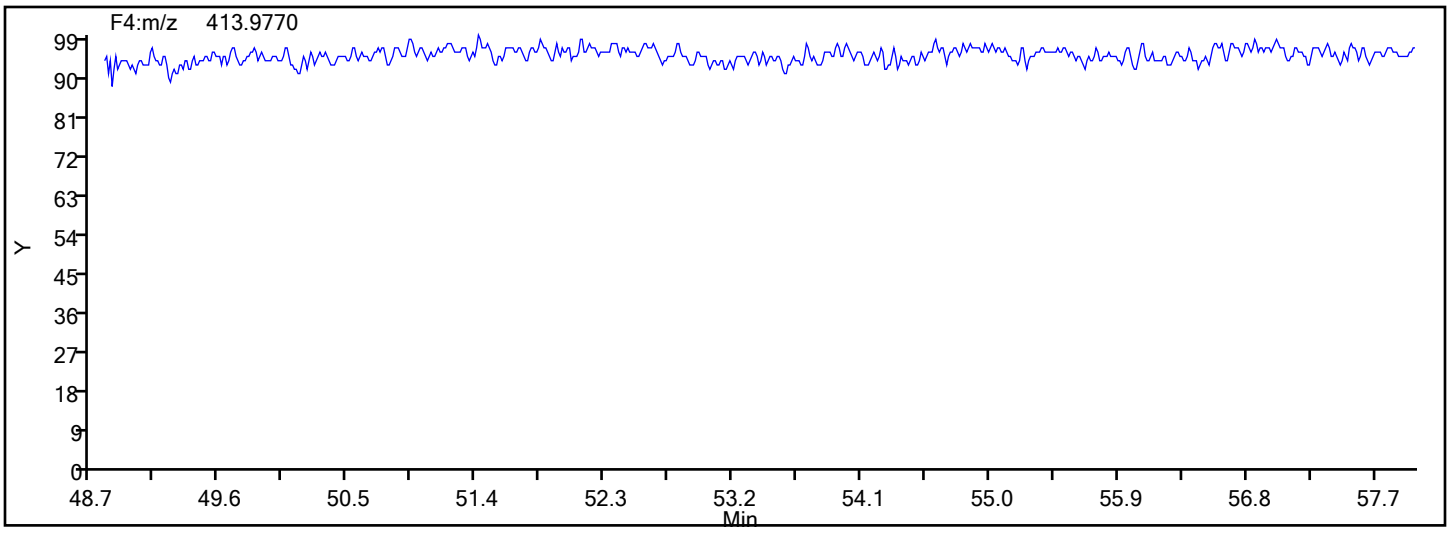
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

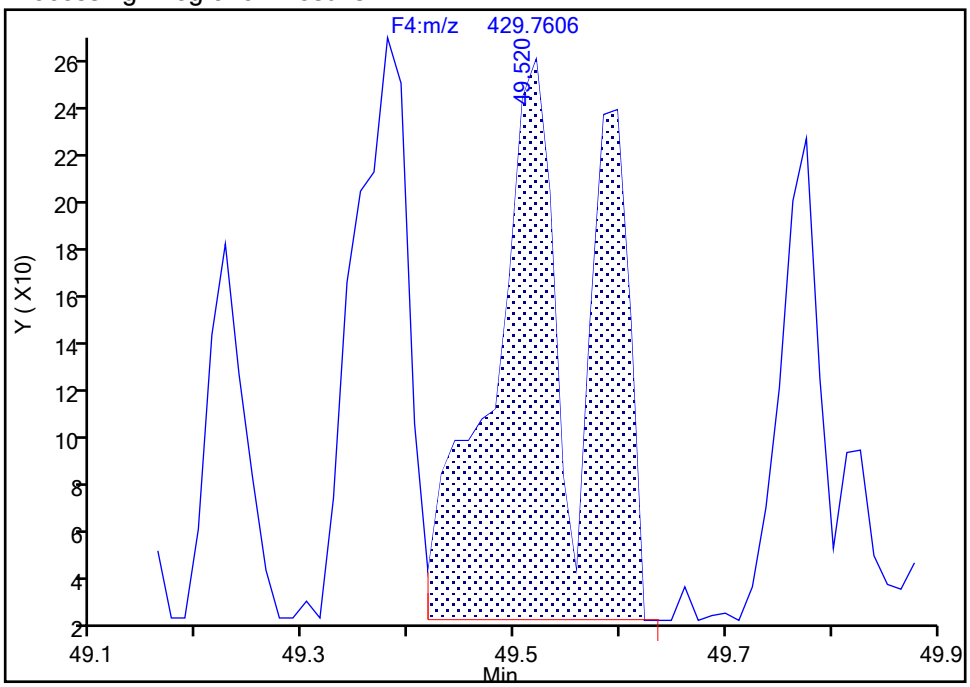
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-195, CAS: 52663-78-2

Signal: 2

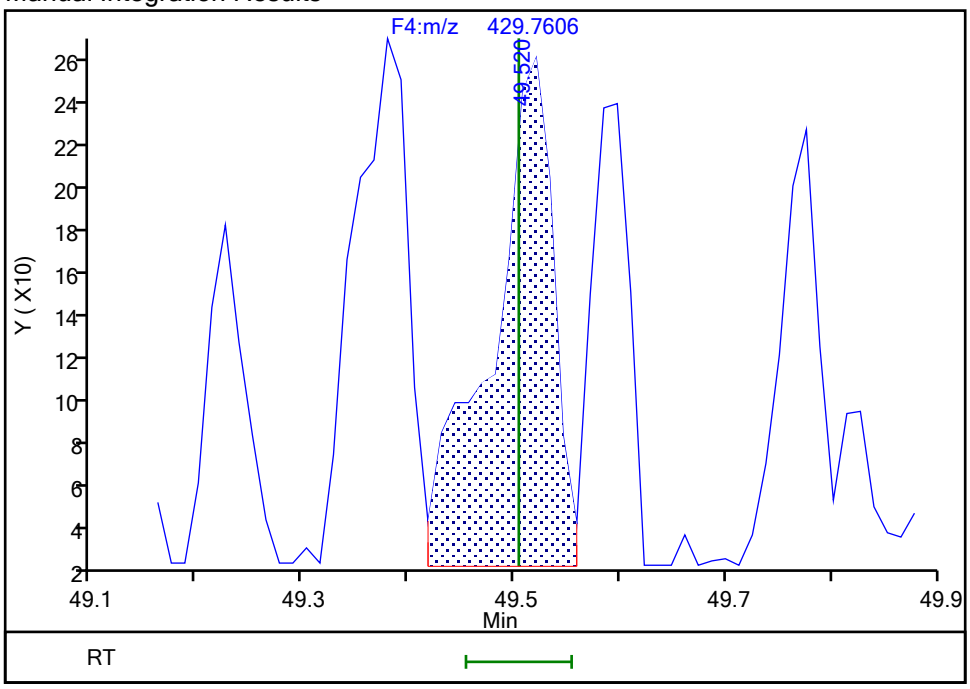
Processing Integration Results

RT: 49.52
Area: 1472
Amount: 0.084462
Amount Units: pg/ul



Manual Integration Results

RT: 49.52
Area: 947
Amount: 0.059701
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:26:01 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

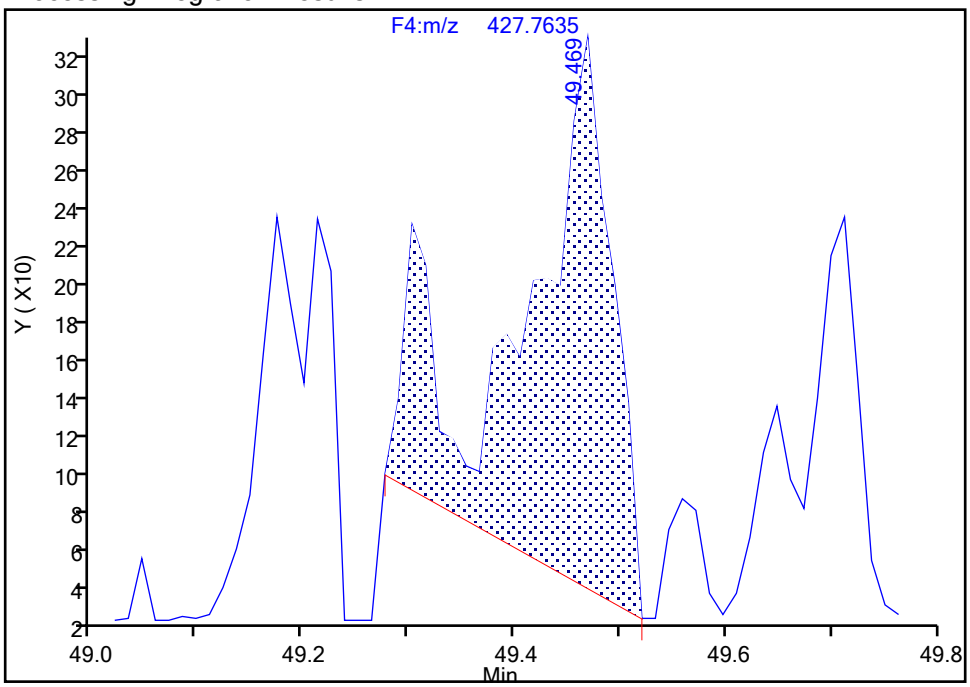
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d
Injection Date: 03-Jan-2024 19:31:00 Instrument ID: D2D
Lims ID: 140-34509-A-1-B Lab Sample ID: 140-34509-1
Client ID: PW-01
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F4(49.20 :57.50)

PCB-195, CAS: 52663-78-2

Signal: 1

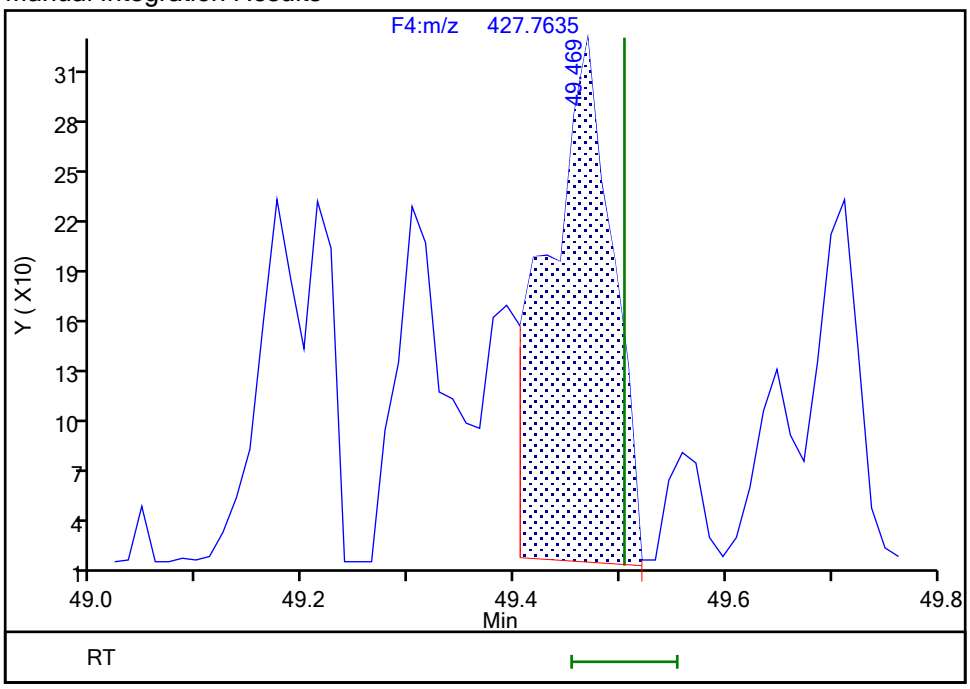
Processing Integration Results

RT: 49.47
Area: 1673
Amount: 0.084462
Amount Units: pg/ul



Manual Integration Results

RT: 49.47
Area: 1276
Amount: 0.059701
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:26:18 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

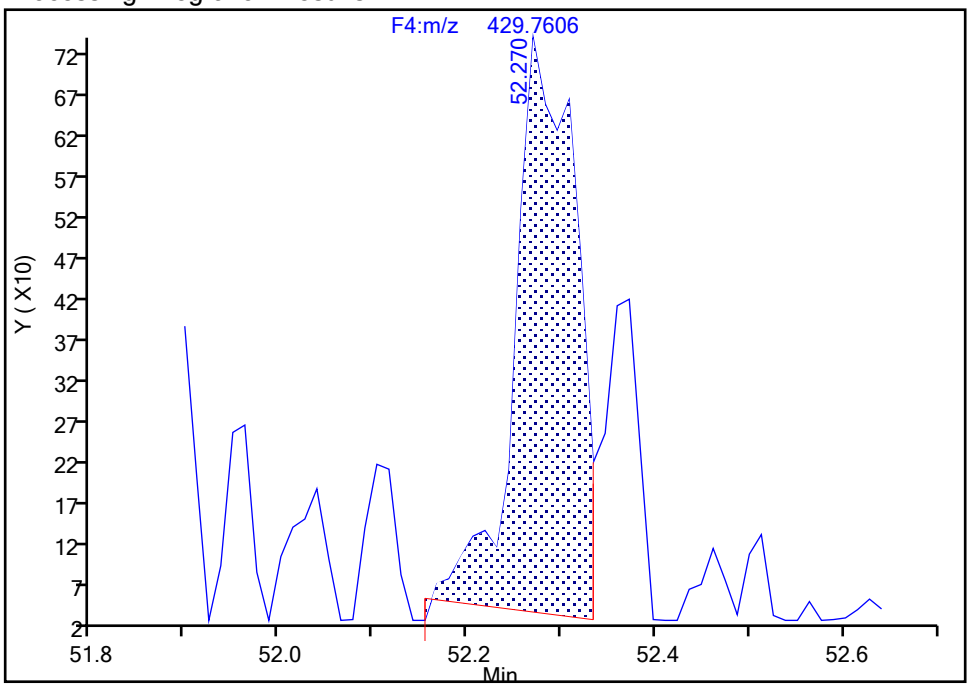
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 2

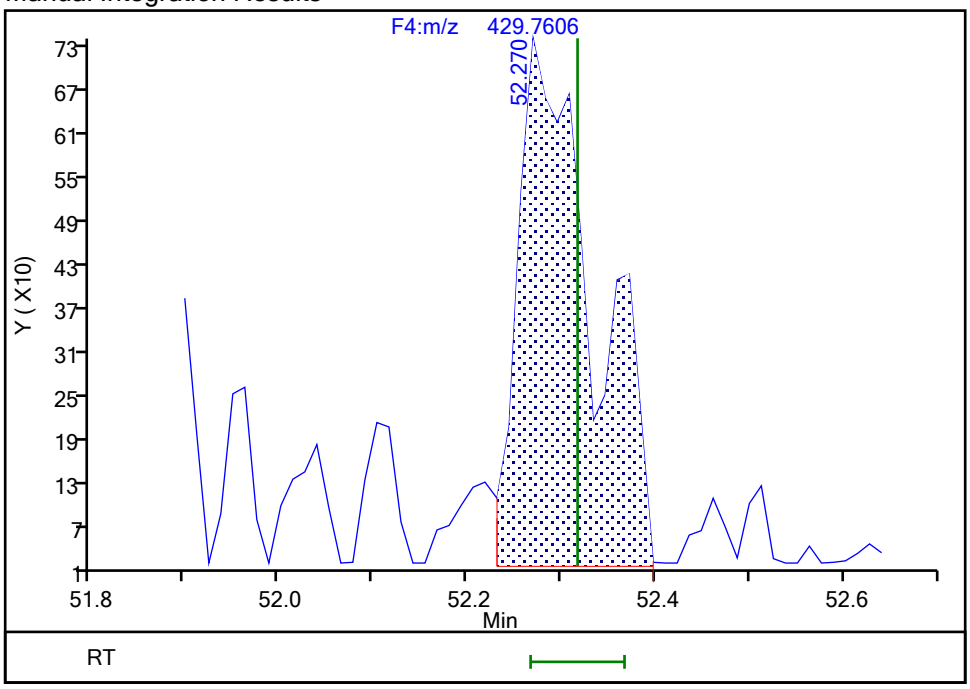
Processing Integration Results

RT: 52.27
Area: 3146
Amount: 0.140902
Amount Units: pg/ul



Manual Integration Results

RT: 52.27
Area: 3981
Amount: 0.175085
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:26:29 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

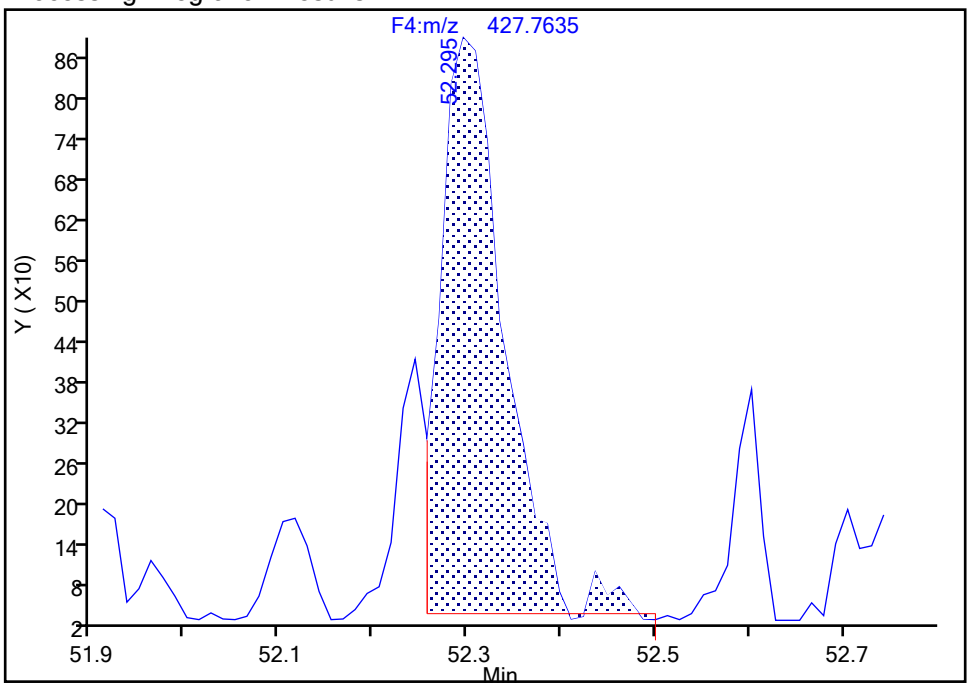
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d				
Injection Date:	03-Jan-2024 19:31:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-1-B	Lab Sample ID:	140-34509-1		
Client ID:	PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 1

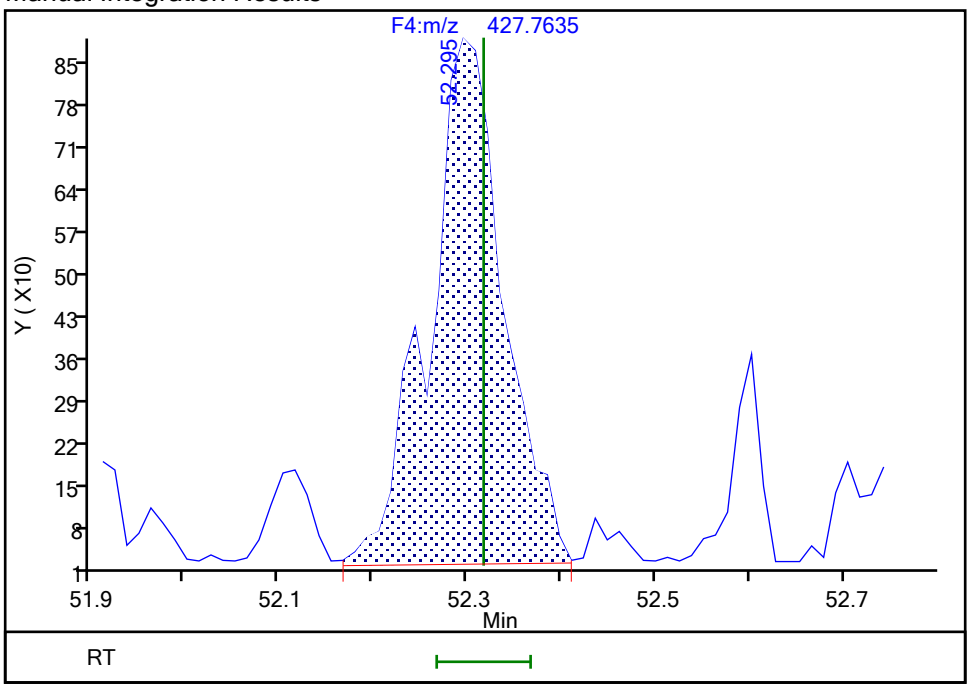
Processing Integration Results

RT: 52.30
Area: 3985
Amount: 0.140902
Amount Units: pg/ul



Manual Integration Results

RT: 52.30
Area: 4880
Amount: 0.175085
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:26:35 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

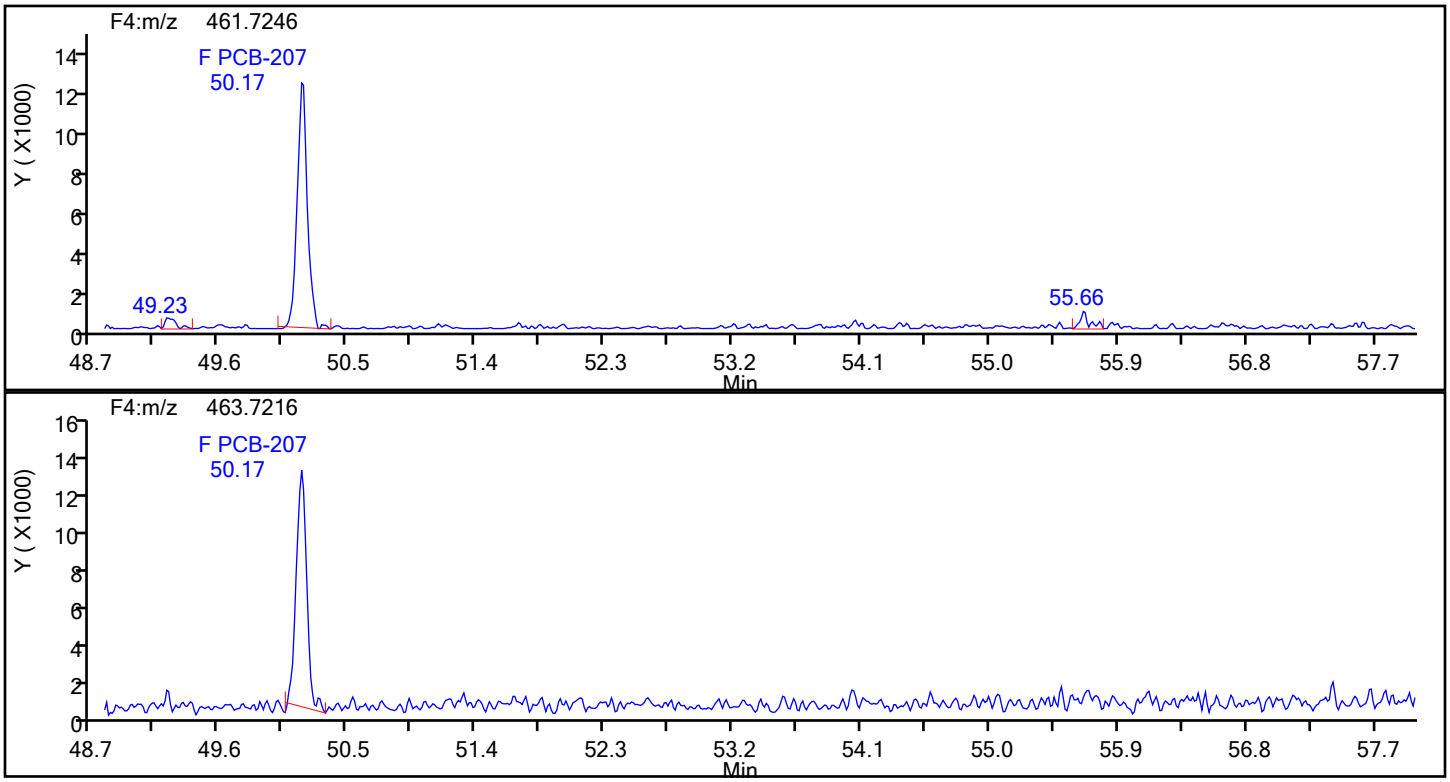
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

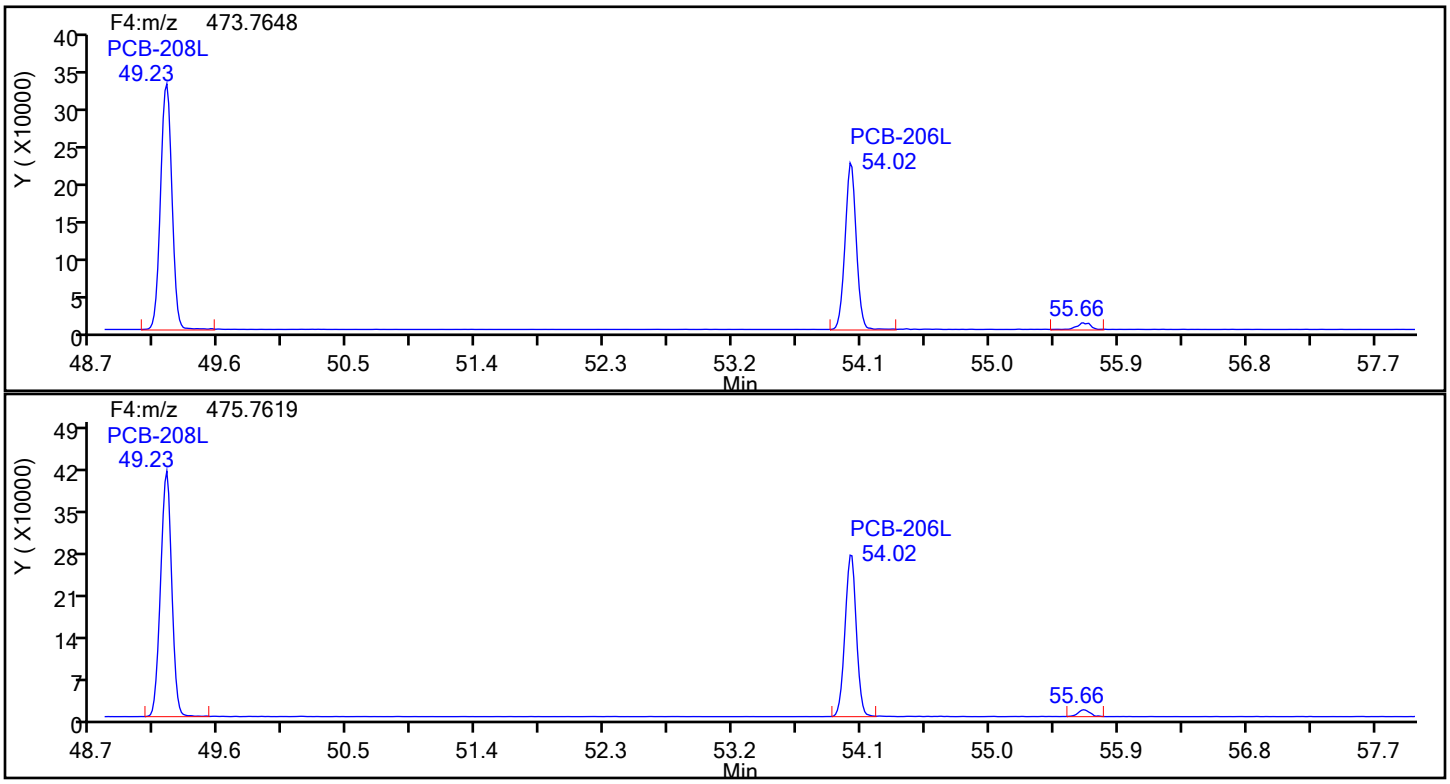
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

NoPCB F4



NoPCB F4 Standards

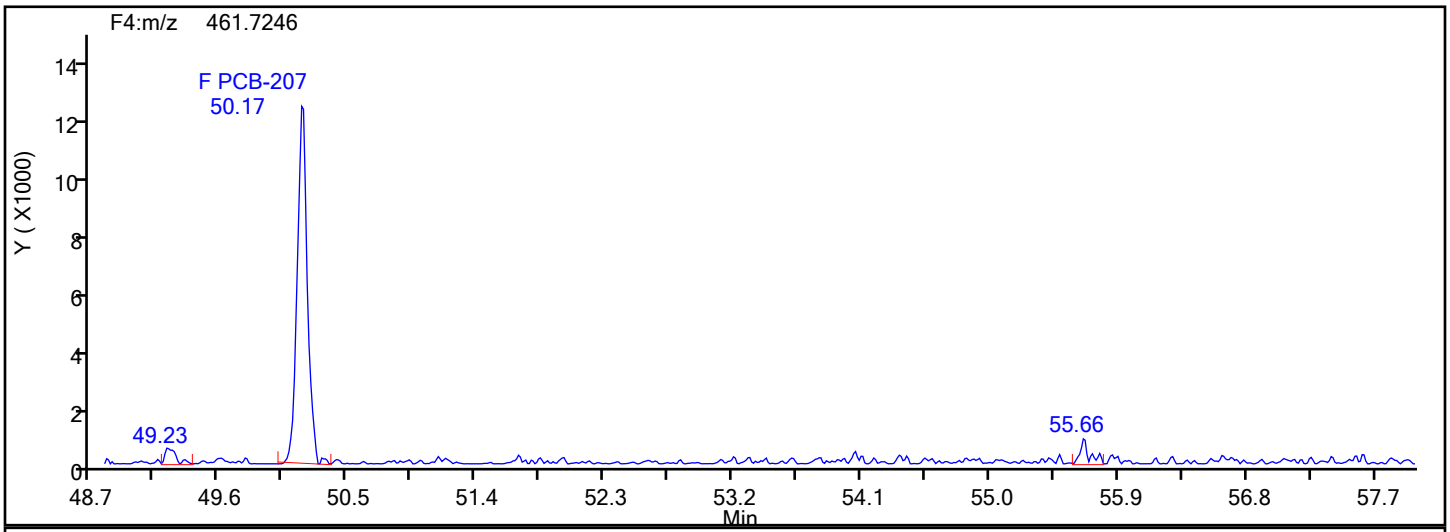


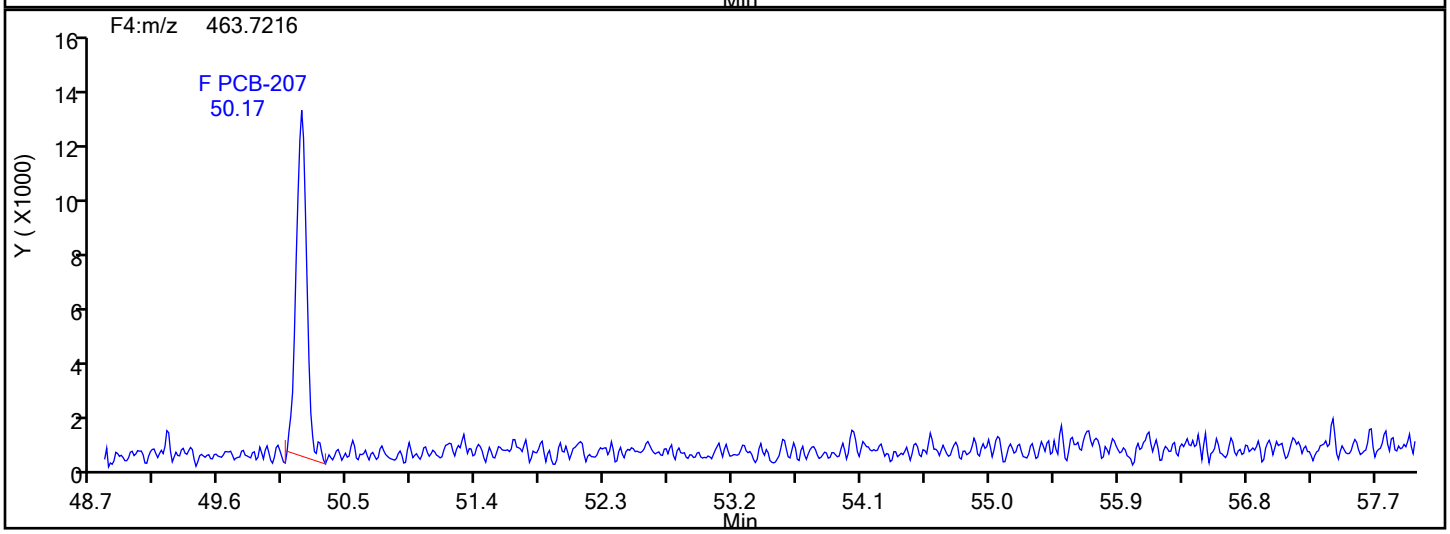
Report Date: 04-Jan-2024 00:27:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

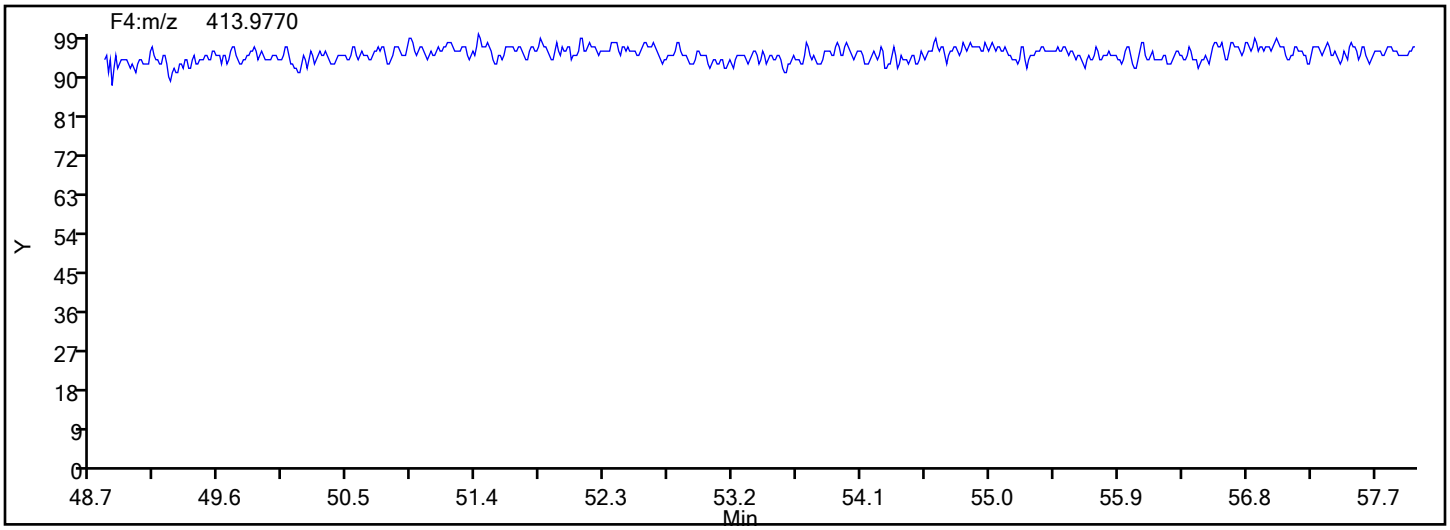
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



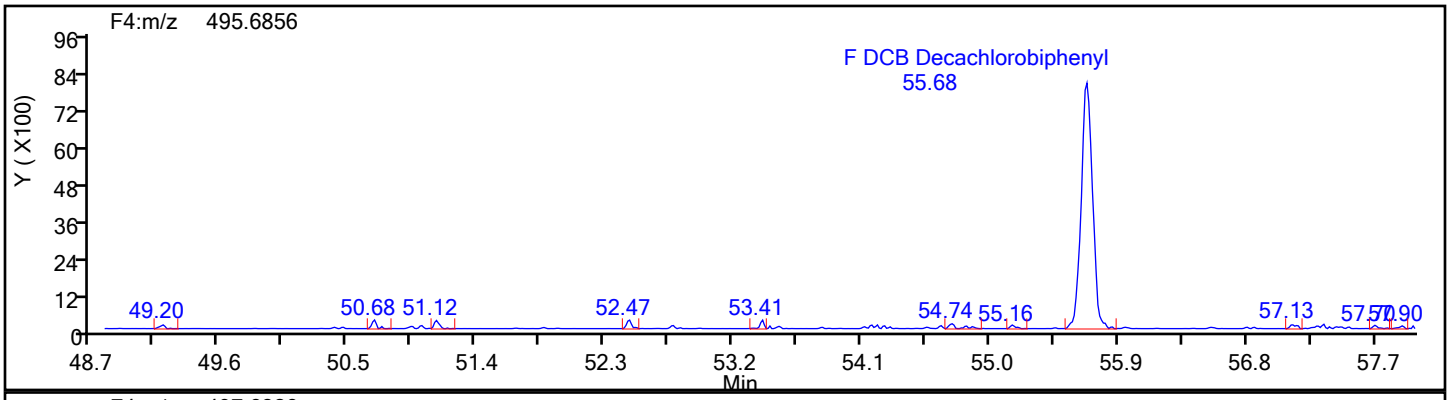
Report Date: 04-Jan-2024 00:27:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

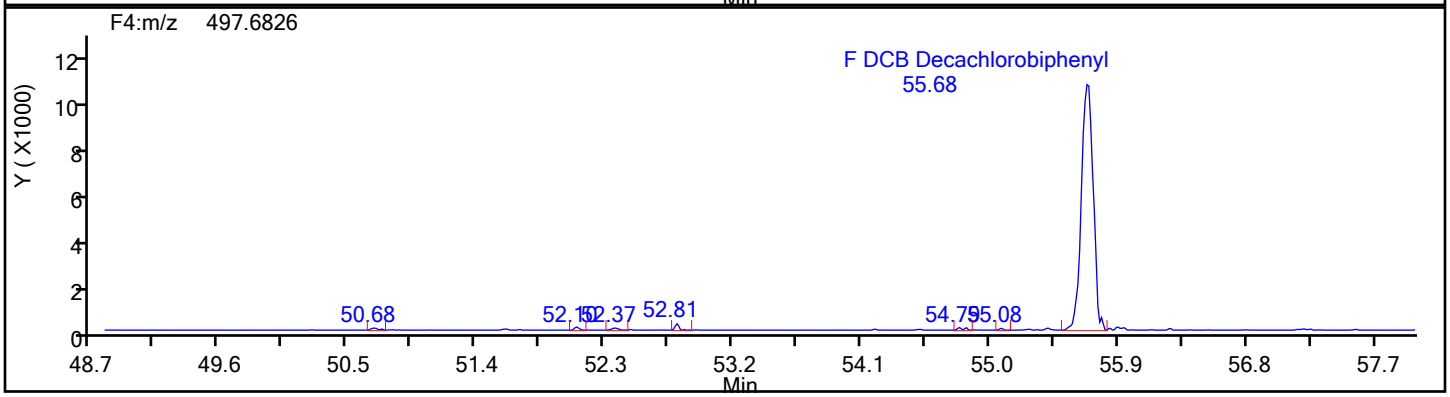
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d

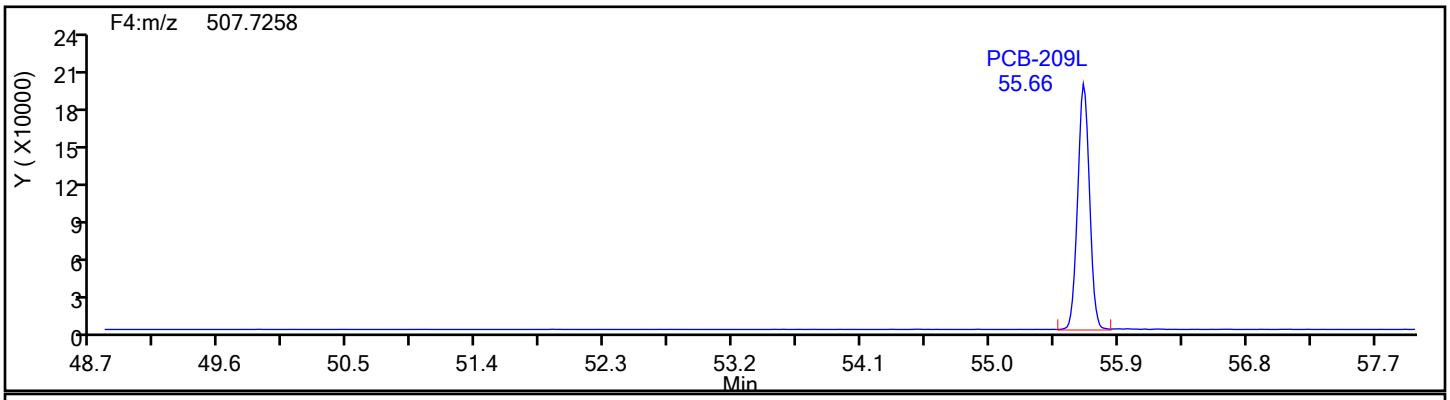
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

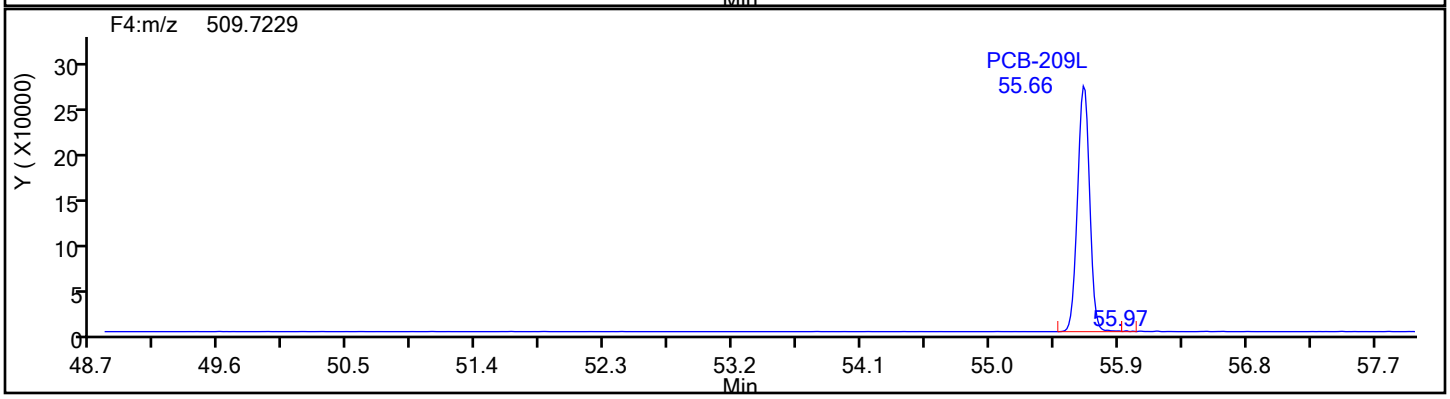
DePCB F4





DePCB F4 Standards



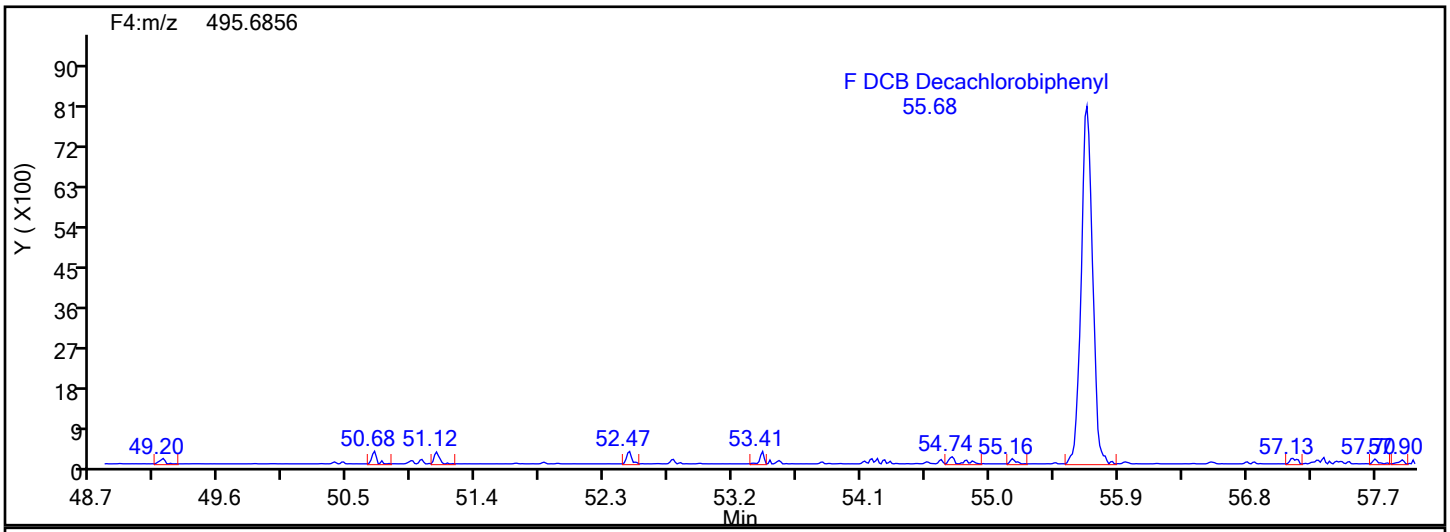


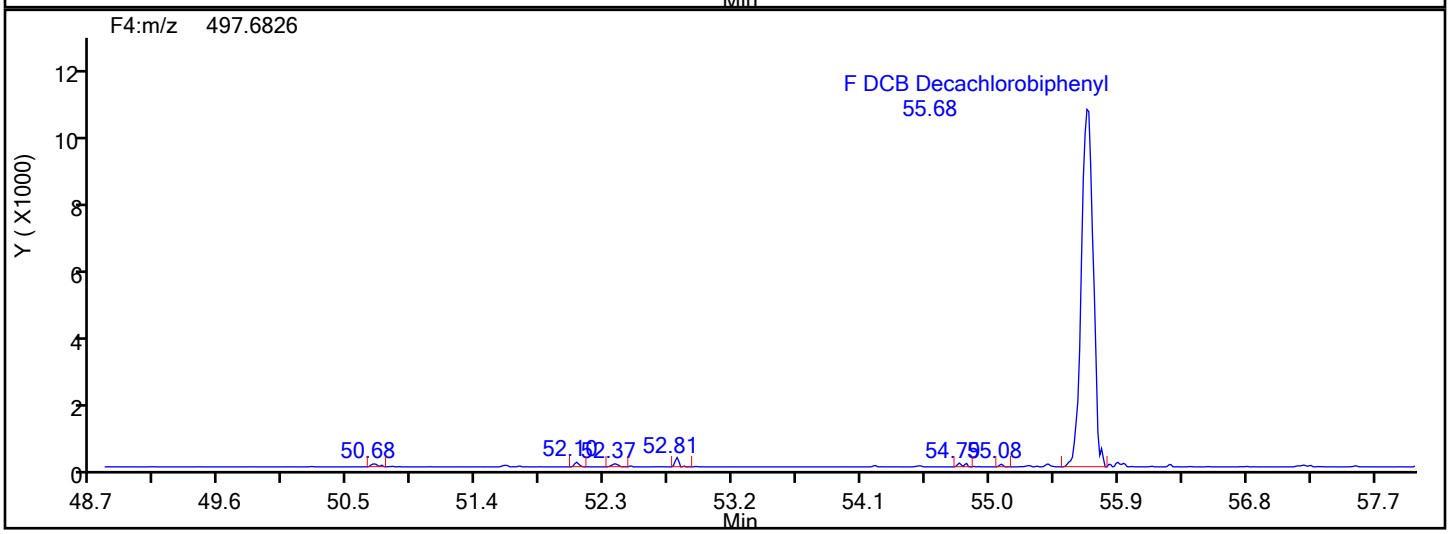
Report Date: 04-Jan-2024 00:27:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

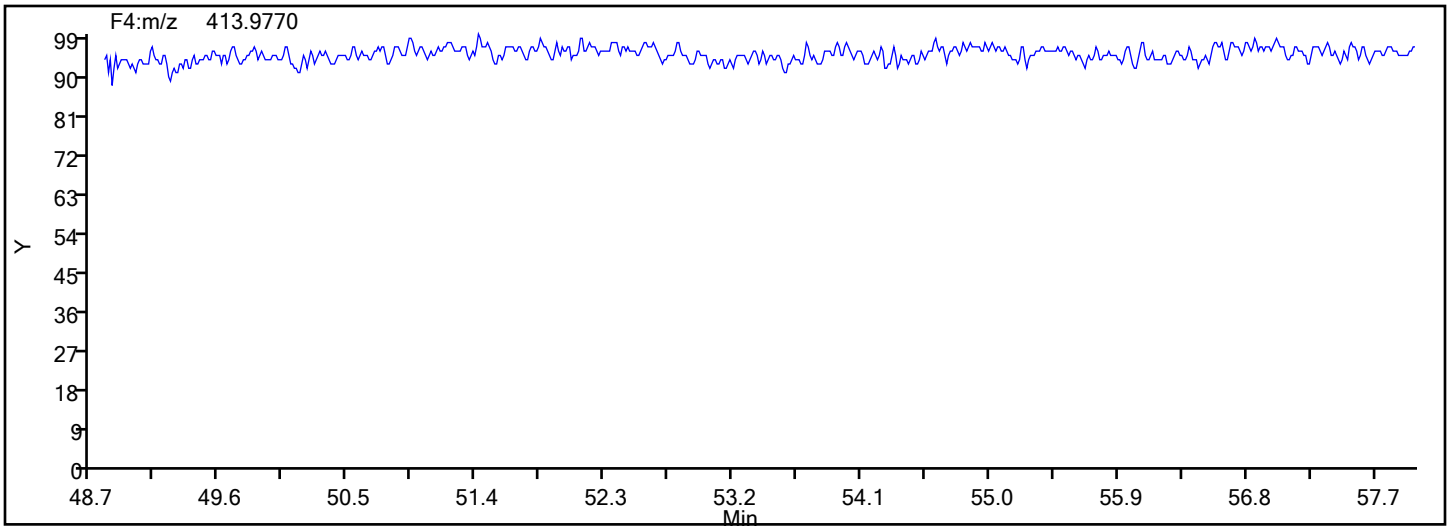
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\140-34509-a-1-b.d		
Injection Date:	03-Jan-2024 19:31:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01		
Worklist#:	81990	Sample Line#:	8
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01-DUP | Lab Sample ID: 140-34509-2

Matrix: PE | Lab File ID: 140-34509-a-2-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	0.12	J q	2.0	0.037
2051-61-8	PCB-2	ND		2.0	0.042
2051-62-9	PCB-3	ND		2.0	0.052
13029-08-8	PCB-4	3.0	J	4.1	0.13
16605-91-7	PCB-5	ND		2.0	0.13
25569-80-6	PCB-6	ND		2.0	0.10
33284-50-3	PCB-7	ND		2.0	0.12
34883-43-7	PCB-8	0.56	J	4.1	0.10
34883-39-1	PCB-9	ND		2.0	0.11
33146-45-1	PCB-10	0.60	J q	2.0	0.13
2050-67-1	PCB-11	0.82	J B	4.1	0.11
2974-92-7	PCB-12	ND	C	4.1	0.12
2974-90-5	PCB-13	ND	C12	4.1	0.12
34883-41-5	PCB-14	390		2.0	0.12
2050-68-2	PCB-15	1.0	J	2.0	0.13
38444-78-9	PCB-16	0.37	J q	2.0	0.097
37680-66-3	PCB-17	4.0	q	2.0	0.096
37680-65-2	PCB-18	1.0	J C	4.1	0.065
38444-73-4	PCB-19	5.8		2.0	0.090
38444-84-7	PCB-20	2.8	J q C	4.1	0.40
55702-46-0	PCB-21	0.55	J q C B	4.1	0.39
38444-85-8	PCB-22	0.57	J	2.0	0.37
55720-44-0	PCB-23	ND		2.0	0.43
55702-45-9	PCB-24	ND		2.0	0.066
55712-37-3	PCB-25	0.75	J q	2.0	0.34
38444-81-4	PCB-26	0.97	J q C	4.1	0.44
38444-76-7	PCB-27	2.3		2.0	0.068
7012-37-5	PCB-28	2.8	J q C20	4.1	0.40
15862-07-4	PCB-29	0.97	J q C26	4.1	0.44
35693-92-6	PCB-30	1.0	J C18	4.1	0.065
16606-02-3	PCB-31	2.1	J B	4.1	0.36

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01-DUP | Lab Sample ID: 140-34509-2

Matrix: PE | Lab File ID: 140-34509-a-2-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-77-8	PCB-32	2.4	B	2.0	0.059
38444-86-9	PCB-33	0.55	J q C21 B	4.1	0.39
37680-68-5	PCB-34	ND		2.0	0.44
37680-69-6	PCB-35	ND		2.0	0.39
38444-87-0	PCB-36	250		2.0	0.34
38444-90-5	PCB-37	ND		2.0	0.38
53555-66-1	PCB-38	ND		2.0	0.37
38444-88-1	PCB-39	ND		2.0	0.38
38444-93-8	PCB-40	3.2	J C	6.1	0.047
52663-59-9	PCB-41	3.2	J C40	6.1	0.047
36559-22-5	PCB-42	2.1		2.0	0.052
70362-46-8	PCB-43	2.0	J q C	4.1	0.040
41464-39-5	PCB-44	45	C	6.1	0.043
70362-45-7	PCB-45	5.1	C	4.1	0.051
41464-47-5	PCB-46	0.45	J q	2.0	0.061
2437-79-8	PCB-47	45	C44	6.1	0.043
70362-47-9	PCB-48	0.87	J q	2.0	0.048
41464-40-8	PCB-49	8.8	C	4.1	0.040
62796-65-0	PCB-50	3.6	J C	4.1	0.047
68194-04-7	PCB-51	5.1	C45	4.1	0.051
35693-99-3	PCB-52	11	B	2.0	0.042
41464-41-9	PCB-53	3.6	J C50	4.1	0.047
15968-05-5	PCB-54	0.91	J	2.0	0.039
74338-24-2	PCB-55	0.12	J	2.0	0.028
41464-43-1	PCB-56	0.73	J q	2.0	0.029
70424-67-8	PCB-57	ND		2.0	0.032
41464-49-7	PCB-58	ND		2.0	0.028
74472-33-6	PCB-59	0.73	J q C	6.1	0.036
33025-41-1	PCB-60	0.44	J q	2.0	0.034
33284-53-6	PCB-61	6.3	J C B	8.2	0.031
54230-22-7	PCB-62	0.73	J q C59	6.1	0.036

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01-DUP | Lab Sample ID: 140-34509-2

Matrix: PE | Lab File ID: 140-34509-a-2-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74472-34-7	PCB-63	ND		2.0	0.034
52663-58-8	PCB-64	1.9	J q	2.0	0.035
33284-54-7	PCB-65	45	C44	6.1	0.043
32598-10-0	PCB-66	3.0	B	2.0	0.029
73575-53-8	PCB-67	ND		2.0	0.027
73575-52-7	PCB-68	4.7		2.0	0.032
60233-24-1	PCB-69	8.8	C49	4.1	0.040
32598-11-1	PCB-70	6.3	J C61 B	8.2	0.031
41464-46-4	PCB-71	3.2	J C40	6.1	0.047
41464-42-0	PCB-72	0.44	J	2.0	0.031
74338-23-1	PCB-73	2.0	J q C43	4.1	0.040
32690-93-0	PCB-74	6.3	J C61 B	8.2	0.031
32598-12-2	PCB-75	0.73	J q C59	6.1	0.036
70362-48-0	PCB-76	6.3	J C61 B	8.2	0.031
32598-13-3	PCB-77	ND		2.0	0.034
70362-49-1	PCB-78	680		2.0	0.030
41464-48-6	PCB-79	ND		2.0	0.025
33284-52-5	PCB-80	ND		2.0	0.028
70362-50-4	PCB-81	1.1	J q	2.0	0.035
52663-62-4	PCB-82	ND		2.0	0.15
60145-20-2	PCB-83	11	C	4.1	0.14
52663-60-2	PCB-84	4.7		2.0	0.18
65510-45-4	PCB-85	3.1	J C B	6.1	0.12
55312-69-1	PCB-86	10	J C	12	0.12
38380-02-8	PCB-87	10	J C86	12	0.12
55215-17-3	PCB-88	3.8	J q C	4.1	0.16
73575-57-2	PCB-89	ND		2.0	0.15
68194-07-0	PCB-90	20	C B	6.1	0.13
68194-05-8	PCB-91	3.8	J q C88	4.1	0.16

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01-DUP | Lab Sample ID: 140-34509-2

Matrix: PE | Lab File ID: 140-34509-a-2-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
52663-61-3	PCB-92	7.1		2.0	0.16
73575-56-1	PCB-93	2.8	J q C	4.1	0.16
73575-55-0	PCB-94	ND		2.0	0.18
38379-99-6	PCB-95	14		2.0	0.16
73575-54-9	PCB-96	3.1	q	2.0	0.11
41464-51-1	PCB-97	10	J C86	12	0.12
60233-25-2	PCB-98	0.81	J q C	4.1	0.14
38380-01-7	PCB-99	11	C83	4.1	0.14
39485-83-1	PCB-100	2.8	J q C93	4.1	0.16
37680-73-2	PCB-101	20	C90 B	6.1	0.13
68194-06-9	PCB-102	0.81	J q C98	4.1	0.14
60145-21-3	PCB-103	ND		2.0	0.15
56558-16-8	PCB-104	1500		2.0	0.12
32598-14-4	PCB-105	3.5		2.0	0.16
70424-69-0	PCB-106	15		2.0	0.14
70424-68-9	PCB-107	0.96	J	2.0	0.14
70362-41-3	PCB-108	0.56	J q C	4.1	0.15
74472-35-8	PCB-109	10	J C86	12	0.12
38380-03-9	PCB-110	16	C B	4.1	0.092
39635-32-0	PCB-111	ND		2.0	0.10
74472-36-9	PCB-112	ND		2.0	0.088
68194-10-5	PCB-113	20	C90 B	6.1	0.13
74472-37-0	PCB-114	0.22	J q	2.0	0.15
74472-38-1	PCB-115	16	C110 B	4.1	0.092
18259-05-7	PCB-116	3.1	J C85 B	6.1	0.12
68194-11-6	PCB-117	3.1	J C85 B	6.1	0.12
31508-00-6	PCB-118	12		2.0	0.16
56558-17-9	PCB-119	10	J C86	12	0.12
68194-12-7	PCB-120	ND		2.0	0.082

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01-DUP | Lab Sample ID: 140-34509-2

Matrix: PE | Lab File ID: 140-34509-a-2-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
56558-18-0	PCB-121	450		2.0	0.097
76842-07-4	PCB-122	ND		2.0	0.18
65510-44-3	PCB-123	ND		2.0	0.16
70424-70-3	PCB-124	0.56	J q C108	4.1	0.15
74472-39-2	PCB-125	10	J C86	12	0.12
57465-28-8	PCB-126	ND		2.0	0.15
39635-33-1	PCB-127	ND		2.0	0.14
38380-07-3	PCB-128	3.3	J C	4.1	0.20
55215-18-4	PCB-129	22	C	8.2	0.22
52663-66-8	PCB-130	1.8	J	2.0	0.31
61798-70-7	PCB-131	ND		2.0	0.28
38380-05-1	PCB-132	9.8		2.0	0.28
35694-04-3	PCB-133	ND		2.0	0.25
52704-70-8	PCB-134	1.6	J C	4.1	0.29
52744-13-5	PCB-135	4.2	q C	4.1	0.097
38411-22-2	PCB-136	2.6		2.0	0.075
35694-06-5	PCB-137	1.4	J	2.0	0.26
35065-28-2	PCB-138	22	C129	8.2	0.22
56030-56-9	PCB-139	ND	C	4.1	0.23
59291-64-4	PCB-140	ND	C139	4.1	0.23
52712-04-6	PCB-141	3.4		2.0	0.26
41411-61-4	PCB-142	450		2.0	0.29
68194-15-0	PCB-143	1.6	J C134	4.1	0.29
68194-14-9	PCB-144	ND		2.0	0.098
74472-40-5	PCB-145	0.41	J q	2.0	0.067
51908-16-8	PCB-146	2.5		2.0	0.21
68194-13-8	PCB-147	15	C	4.1	0.23
74472-41-6	PCB-148	ND		2.0	0.098
38380-04-0	PCB-149	15	C147	4.1	0.23
68194-08-1	PCB-150	0.34	J q	2.0	0.072
52663-63-5	PCB-151	4.2	q C135	4.1	0.097

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01-DUP | Lab Sample ID: 140-34509-2

Matrix: PE | Lab File ID: 140-34509-a-2-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
68194-09-2	PCB-152	1.1	J	2.0	0.064
35065-27-1	PCB-153	13	C	4.1	0.19
60145-22-4	PCB-154	1.3	J	2.0	0.088
33979-03-2	PCB-155	530		2.0	0.078
38380-08-4	PCB-156	2.0	J C	4.1	0.30
69782-90-7	PCB-157	2.0	J C156	4.1	0.30
74472-42-7	PCB-158	2.0		2.0	0.17
39635-35-3	PCB-159	2.4		2.0	0.15
41411-62-5	PCB-160	22	C129	8.2	0.22
74472-43-8	PCB-161	19		2.0	0.17
39635-34-2	PCB-162	ND		2.0	0.18
74472-44-9	PCB-163	22	C129	8.2	0.22
74472-45-0	PCB-164	1.3	J q	2.0	0.17
74472-46-1	PCB-165	3.2		2.0	0.20
41411-63-6	PCB-166	3.3	J C128	4.1	0.20
52663-72-6	PCB-167	0.57	J	2.0	0.12
59291-65-5	PCB-168	13	C153	4.1	0.19
32774-16-6	PCB-169	ND		2.0	0.12
35065-30-6	PCB-170	ND		2.0	0.0078
52663-71-5	PCB-171	ND	C	4.1	0.0068
52663-74-8	PCB-172	ND		2.0	0.0066
68194-16-1	PCB-173	ND	C171	4.1	0.0068
38411-25-5	PCB-174	ND		2.0	0.0061
40186-70-7	PCB-175	ND		2.0	0.0068
52663-65-7	PCB-176	ND		2.0	0.0051
52663-70-4	PCB-177	ND		2.0	0.0064
52663-67-9	PCB-178	ND		2.0	0.0070
52663-64-6	PCB-179	ND		2.0	0.0044
35065-29-3	PCB-180	5.9	q C	4.1	0.0053
74472-47-2	PCB-181	ND		2.0	0.0058
60145-23-5	PCB-182	ND		2.0	0.0056

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01-DUP | Lab Sample ID: 140-34509-2

Matrix: PE | Lab File ID: 140-34509-a-2-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
52663-69-1	PCB-183	ND	C	4.1	0.0063
74472-48-3	PCB-184	780		2.0	0.0047
52712-05-7	PCB-185	ND	C183	4.1	0.0063
74472-49-4	PCB-186	ND		2.0	0.0042
52663-68-0	PCB-187	ND		2.0	0.0053
74487-85-7	PCB-188	ND		2.0	0.0046
39635-31-9	PCB-189	ND		2.0	0.11
41411-64-7	PCB-190	ND		2.0	0.0047
74472-50-7	PCB-191	ND		2.0	0.0048
74472-51-8	PCB-192	2300	B	2.0	0.0043
69782-91-8	PCB-193	5.9	q C180	4.1	0.0053
35694-08-7	PCB-194	0.16	J q	2.0	0.046
52663-78-2	PCB-195	ND		2.0	0.051
42740-50-1	PCB-196	ND		2.0	0.090
33091-17-7	PCB-197	9.6		2.0	0.067
68194-17-2	PCB-198	ND	C	4.1	0.080
52663-75-9	PCB-199	ND	C198	4.1	0.080
52663-73-7	PCB-200	2.3	q	2.0	0.073
40186-71-8	PCB-201	ND		2.0	0.074
2136-99-4	PCB-202	ND		2.0	0.070
52663-76-0	PCB-203	ND		2.0	0.073
74472-52-9	PCB-204	990		2.0	0.063
74472-53-0	PCB-205	0.23	J q	2.0	0.038
40186-72-9	PCB-206	ND		2.0	0.20
52663-79-3	PCB-207	5.6		2.0	0.18
52663-77-1	PCB-208	ND		2.0	0.19
2051-24-3	PCB-209	7.2		2.0	0.030

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-01-DUP | Lab Sample ID: 140-34509-2

Matrix: PE | Lab File ID: 140-34509-a-2-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:15

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 14:01

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	94		30-140
208263-77-8	PCB-3L	79		30-140
234432-86-1	PCB-4L	95		30-140
208263-67-6	PCB-15L	86		30-140
234432-87-2	PCB-19L	96		30-140
208263-79-0	PCB-37L	87		30-140
234432-88-3	PCB-54L	96		30-140
105600-23-5	PCB-77L	86		30-140
208461-24-9	PCB-81L	89		30-140
234432-89-4	PCB-104L	112		30-140
208263-62-1	PCB-105L	99		30-140
208263-63-2	PCB-114L	101		30-140
104130-40-7	PCB-118L	101		30-140
208263-64-3	PCB-123L	103		30-140
208263-65-4	PCB-126L	100		30-140
234432-90-7	PCB-155L	104		30-140
208263-68-7	PCB-156L	59	C	30-140
235416-30-5	PCB-157L	59	C156	30-140
208263-69-8	PCB-167L	98		30-140
208263-70-1	PCB-169L	92		30-140
160901-80-4	PCB-170L	97		30-140
234432-91-8	PCB-188L	109		30-140
208263-73-4	PCB-189L	102		30-140
105600-26-8	PCB-202L	102		30-140
234446-64-1	PCB-205L	101		30-140
208263-75-6	PCB-206L	114		30-140
234432-92-9	PCB-208L	107		30-140
105600-27-9	PCB-209L	116		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Lims ID: 140-34509-A-2-B
Client ID: PW-01-DUP
Sample Type: Client
Inject. Date: 04-Jan-2024 14:01:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-006
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 20:01:33 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 20:01:33

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					0.0630	0.0565	0.0214	0.0214		RQ
D PCB-1L	11:39	5717140	3.18	1.3572	93.8	93.8	0.2341	0.2341	93.85	
D PCB-3L	13:50	4993760	3.24	1.4136	78.7	78.7	0.2248	0.2248	78.70	
PCB-1	11:40	3961	3.13	1.2253	0.0630	0.0565	0.0181	0.0181		RQ
PCB-2	13:42						0.0206	0.0206		
PCB-3	13:52						0.0254	0.0254		
S Total Dichlorobiphenyls					195.9	195.9	0.0576	0.0576		RQ
D PCB-4L	14:04	2625187	1.59	0.6168	94.8	94.8	0.1038	0.1038	94.81	
* PCB-9L	16:02	4488678	1.63	2E+05	100.0	100.0				
D PCB-15L	19:58	4324682	1.61	1.1198	86.0	86.0	0.0572	0.0572	86.04	
PCB-4	14:05	49918	1.60	1.2801	1.485	1.485	0.0621	0.0621		
PCB-10	14:16	11812	1.56	1.1542	0.3357	0.2945	0.0649	0.0649		RQMa
PCB-9	16:05						0.0549	0.0549		
PCB-7	16:15						0.0600	0.0600		
PCB-6	16:30						0.0501	0.0501		
PCB-5	16:48						0.0614	0.0614		
PCB-8	16:54	14450	1.54	1.5207	0.2734	0.2734	0.0493	0.0493		M
PCB-14	18:31	8623418	1.60	1.2864	192.9	192.9	0.0583	0.0583		
PCB-11	19:22	20103	1.79	1.4418	0.4012	0.4012	0.0520	0.0520		M
PCB-12	19:43						0.0578	0.0578		
PCB-13 (C12)	19:43						0.0578	0.0578		
PCB-15	19:58	24087	1.37	1.1378	0.4895	0.4895	0.0624	0.0624		
S Total Trichlorobiphenyls					133.8	133.3	0.1359	0.1359		RQ
D PCB-19L	17:11	1775074	1.07	0.6075	95.8	95.8	0.5885	0.5885	95.75	
* PCB-32L	20:26	3051537	1.08	1.4E+05	100.0	100.0				
* PCB-31L	22:42	7594541	1.04	3.1E+05	100.0	100.0				
$ PCB-28L	23:01						0.1147	0.1147		
D PCB-37L	27:00	5905494	1.06	0.8960	86.8	86.8	0.1265	0.1265	86.79	
PCB-19	17:11	65059	0.93	1.2904	2.840	2.840	0.0443	0.0443		
PCB-18	19:03	16188	0.92	1.8076	0.5045	0.5045	0.0316	0.0316		
PCB-30 (C18)	19:03	16188	0.92	1.8076	0.5045	0.5045	0.0316	0.0316		
PCB-17	19:28	42764	1.04	1.2151	2.156	1.983	0.0471	0.0471		RQ
PCB-27	19:42	34579	1.02	1.7146	1.136	1.136	0.0333	0.0333		
PCB-24	19:51						0.0322	0.0322		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:55	3850	1.04	1.2003	0.2099	0.1807	0.0476	0.0476		RQ
PCB-32	20:28	41021	1.06	1.9703	1.173	1.173	0.0290	0.0290		
PCB-34	21:44						0.2134	0.2134		
PCB-23	21:53						0.2084	0.2084		
PCB-26	22:09	28181	1.04	1.0037	0.5452	0.4754	0.2144	0.2144		RQ
PCB-29 (C26)	22:09	28181	1.04	1.0037	0.5452	0.4754	0.2144	0.2144		RQ
PCB-25	22:25	28360	1.04	1.2995	0.4131	0.3696	0.1656	0.1656		RQ
PCB-31	22:43	76446	1.05	1.2369	1.047	1.047	0.1740	0.1740		
PCB-20	23:01	90215	1.04	1.1096	1.586	1.377	0.1940	0.1940		RQ
PCB-28 (C20)	23:01	90215	1.04	1.1096	1.586	1.377	0.1940	0.1940		RQ
PCB-21	23:16	17820	1.04	1.1245	0.3186	0.2684	0.1914	0.1914		RQMa
PCB-33 (C21)	23:16	17820	1.04	1.1245	0.3186	0.2684	0.1914	0.1914		RQMa
PCB-22	23:39	19851	1.16	1.2027	0.2795	0.2795	0.1790	0.1790		Ma
PCB-36	25:13	9304375	1.01	1.2953	121.6	121.6	0.1662	0.1662		
PCB-39	25:36						0.1852	0.1852		
PCB-38	26:10						0.1830	0.1830		
PCB-35	26:39						0.1903	0.1903		
PCB-37	27:02						0.1880	0.1880		
S Total Tetrachlorobiphenyls					386.2	385.7	0.0180	0.0180		RQ
D PCB-54L	20:15	1990765	0.82	0.6773	96.3	96.3	0.0562	0.0562	96.32	
* PCB-52L	24:50	4143282	0.79	1.6E+05	100.0	100.0				
D PCB-81L	33:46	4985234	0.80	1.3497	89.1	89.1	0.0948	0.0948	89.15	
D PCB-77L	34:19	5069244	0.81	1.4256	85.8	85.8	0.0897	0.0897	85.82	
PCB-54	20:17	10715	0.68	1.2064	0.4461	0.4461	0.0190	0.0190		
PCB-50	22:27	67564	0.81	0.7674	1.751	1.751	0.0229	0.0229		
PCB-53 (C50)	22:27	67564	0.81	0.7674	1.751	1.751	0.0229	0.0229		
PCB-45	23:11	88695	0.78	0.7052	2.502	2.502	0.0249	0.0249		
PCB-51 (C45)	23:11	88695	0.78	0.7052	2.502	2.502	0.0249	0.0249		
PCB-46	23:25	6602	0.77	0.5909	0.2479	0.2222	0.0297	0.0297		RQM
PCB-52	24:51	222660	0.78	0.8488	5.218	5.218	0.0207	0.0207		
PCB-43	25:01	45078	0.77	0.8936	1.133	1.003	0.0196	0.0196		RQ
PCB-73 (C43)	25:01	45078	0.77	0.8936	1.133	1.003	0.0196	0.0196		RQ
PCB-49	25:20	194439	0.71	0.8934	4.329	4.329	0.0196	0.0196		
PCB-69 (C49)	25:20	194439	0.71	0.8934	4.329	4.329	0.0196	0.0196		
PCB-48	25:37	16099	0.77	0.7506	0.5320	0.4266	0.0234	0.0234		RQM
PCB-44	25:47	938058	0.80	0.8388	22.2	22.2	0.0209	0.0209		M
PCB-47 (C44)	25:47	938058	0.80	0.8388	22.2	22.2	0.0209	0.0209		M
PCB-65 (C44)	25:47	938058	0.80	0.8388	22.2	22.2	0.0209	0.0209		M
PCB-59	26:12	18101	0.77	1.0042	0.3999	0.3585	0.0175	0.0175		RQM
PCB-62 (C59)	26:12	18101	0.77	1.0042	0.3999	0.3585	0.0175	0.0175		RQM
PCB-75 (C59)	26:12	18101	0.77	1.0042	0.3999	0.3585	0.0175	0.0175		RQM
PCB-42	26:23	36114	0.87	0.6874	1.045	1.045	0.0255	0.0255		
PCB-40	26:52	59489	0.78	0.7618	1.553	1.553	0.0230	0.0230		
PCB-41 (C40)	26:52	59489	0.78	0.7618	1.553	1.553	0.0230	0.0230		
PCB-71 (C40)	26:52	59489	0.78	0.7618	1.553	1.553	0.0230	0.0230		
PCB-64	27:06	47384	0.77	1.0318	1.003	0.9135	0.0170	0.0170		RQ
PCB-72	27:55	12665	0.68	1.1621	0.2168	0.2168	0.0151	0.0151		Ma
PCB-68	28:13	130743	0.67	1.1249	2.312	2.312	0.0156	0.0156		M
PCB-57	28:38						0.0158	0.0158		
PCB-58	28:53						0.0137	0.0137		
PCB-67	29:03						0.0132	0.0132		
PCB-63	29:19						0.0165	0.0165		
PCB-61	29:37	178800	0.78	1.1549	3.080	3.080	0.0152	0.0152		
PCB-70 (C61)	29:37	178800	0.78	1.1549	3.080	3.080	0.0152	0.0152		
PCB-74 (C61)	29:37	178800	0.78	1.1549	3.080	3.080	0.0152	0.0152		
PCB-76 (C61)	29:37	178800	0.78	1.1549	3.080	3.080	0.0152	0.0152		
PCB-66	29:58	91290	0.83	1.2325	1.473	1.473	0.0142	0.0142		M
PCB-55	30:07	3831	0.77	1.2655	0.0602	0.0602	0.0139	0.0139		Ma
PCB-56	30:41	21758	0.77	1.2161	0.3844	0.3559	0.0144	0.0144		RQMa
PCB-60	30:50	11398	0.77	1.0554	0.2360	0.2148	0.0166	0.0166		RQM
PCB-80	31:16						0.0137	0.0137		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:48						0.0121	0.0121		
PCB-78	33:20	20430199	0.79	1.2116	335.4	335.4	0.0145	0.0145		
PCB-81	33:48	27335	0.77	1.0148	0.6465	0.5403	0.0172	0.0172		RQ
PCB-77	34:21						0.0168	0.0168		
S Total Pentachlorobiphenyls					1005.6	1004.2	0.0682	0.0682		RQ
D PCB-104L	25:46	3566979	1.61	1.1880	112.1	112.1	0.0638	0.0638	112	
* PCB-101L	31:41	2678101	1.60	1.2E+05	100.0	100.0				
$ PCB-111L	34:22						0.0642	0.0642		
D PCB-123L	36:19	4787966	1.60	0.9399	103.0	103.0	0.6298	0.6298	103	
D PCB-118L	36:39	4895032	1.57	0.9794	101.1	101.1	0.6044	0.6044	101	
D PCB-114L	37:10	4859126	1.59	0.9767	100.6	100.6	0.6061	0.6061	101	
D PCB-105L	37:50	4677461	1.57	0.9600	98.6	98.6	0.6166	0.6166	98.55	
* PCB-127L	39:18	4943760	1.60	2.1E+05	100.0	100.0				
D PCB-126L	40:54	4705972	1.60	0.9554	99.6	99.6	0.6196	0.6196	99.63	
PCB-104	25:47	25822643	1.58	1.0054	720.0	720.0	0.0606	0.0606		M
PCB-96	26:07	61579	1.55	1.1511	2.322	1.500	0.0529	0.0529		RQ
PCB-103	28:07						0.0732	0.0732		
PCB-94	28:20						0.0877	0.0877		
PCB-95	28:46	194895	1.57	0.7922	6.897	6.897	0.0769	0.0769		Ma
PCB-93	28:58	38142	1.55	0.7830	1.508	1.366	0.0778	0.0778		RQMa
PCB-100 (C93)	28:58	38142	1.55	0.7830	1.508	1.366	0.0778	0.0778		RQMa
PCB-98	29:07	13042	1.55	0.9182	0.4520	0.3982	0.0664	0.0664		RQMa
PCB-102 (C98)	29:07	13042	1.55	0.9182	0.4520	0.3982	0.0664	0.0664		RQMa
PCB-88	29:37	53705	1.55	0.8023	2.131	1.877	0.0760	0.0760		RQM
PCB-91 (C88)	29:37	53705	1.55	0.8023	2.131	1.877	0.0760	0.0760		RQM
PCB-84	29:52	56322	1.48	0.6855	2.303	2.303	0.0889	0.0889		M
PCB-89	30:20						0.0719	0.0719		
PCB-121	30:45	10111031	1.57	1.2839	220.8	220.8	0.0475	0.0475		
PCB-92	31:08	96858	1.64	0.7805	3.479	3.479	0.0781	0.0781		M
PCB-90	31:41	337034	1.62	0.9542	9.902	9.902	0.0639	0.0639		
PCB-101 (C90)	31:41	337034	1.62	0.9542	9.902	9.902	0.0639	0.0639		
PCB-113 (C90)	31:41	337034	1.62	0.9542	9.902	9.902	0.0639	0.0639		
PCB-83	32:18	165808	1.72	0.8851	5.252	5.252	0.0689	0.0689		
PCB-99 (C83)	32:18	165808	1.72	0.8851	5.252	5.252	0.0689	0.0689		
PCB-112	32:25						0.0431	0.0431		U
PCB-86	32:52	186700	1.59	1.0283	5.090	5.090	0.0593	0.0593		M
PCB-87 (C86)	32:52	186700	1.59	1.0283	5.090	5.090	0.0593	0.0593		M
PCB-97 (C86)	32:52	186700	1.59	1.0283	5.090	5.090	0.0593	0.0593		M
PCB-109 (C86)	32:52	186700	1.59	1.0283	5.090	5.090	0.0593	0.0593		M
PCB-119 (C86)	32:52	186700	1.59	1.0283	5.090	5.090	0.0593	0.0593		M
PCB-125 (C86)	32:52	186700	1.59	1.0283	5.090	5.090	0.0593	0.0593		M
PCB-85	33:30	56214	1.51	1.0238	1.539	1.539	0.0595	0.0595		M
PCB-116 (C85)	33:30	56214	1.51	1.0238	1.539	1.539	0.0595	0.0595		M
PCB-117 (C85)	33:30	56214	1.51	1.0238	1.539	1.539	0.0595	0.0595		M
PCB-110	33:40	370244	1.59	1.3556	7.657	7.657	0.0450	0.0450		
PCB-115 (C110)	33:40	370244	1.59	1.3556	7.657	7.657	0.0450	0.0450		
PCB-82	34:00						0.0715	0.0715		
PCB-111	34:23						0.0499	0.0499		
PCB-120	34:51						0.0402	0.0402		
PCB-108	35:59	14273	1.55	1.0910	0.3085	0.2734	0.0759	0.0759		RQ
PCB-124 (C108)	35:59	14273	1.55	1.0910	0.3085	0.2734	0.0759	0.0759		RQ
PCB-107	36:14	27004	1.48	1.2004	0.4701	0.4701	0.0690	0.0690		
PCB-123	36:19	2114	1.55	1.0447	0.0516	0.0423	0.0776	0.0776		RQM
PCB-106	36:29	414680	1.54	1.1708	7.402	7.402	0.0707	0.0707		M
PCB-118	36:40	307587	1.61	1.0261	6.124	6.124	0.0775	0.0775		
PCB-122	37:01						0.0894	0.0894		
PCB-114	37:11	5772	1.55	1.0927	0.1254	0.1087	0.0733	0.0733		RQM
PCB-105	37:51	87016	1.44	1.0755	1.730	1.730	0.0799	0.0799		M
PCB-127	39:20						0.0700	0.0700		
PCB-126	40:56						0.0717	0.0717		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					534.8	534.5	0.0888	0.0888		RQ
D PCB-155L	31:27	3175190	1.29	1.1357	104.4	104.4	0.0889	0.0889	104	
* PCB-138L	39:46	3568672	1.27	1.5E+05	100.0	100.0				
D PCB-167L	42:46	4445570	1.27	1.2662	98.4	98.4	0.5611	0.5611	98.38	
D PCB-156L	43:55	5231229	1.25	1.2515	117.1	117.1	0.5677	0.5677	58.56	
D PCB-157L (C156L)	43:55	5231229	1.25	1.2515	117.1	117.1	0.5677	0.5677	58.56	
D PCB-169L	47:09	4287579	1.26	1.3070	91.9	91.9	0.5436	0.5436	91.92	
PCB-155	31:28	7595839	1.25	0.9289	257.5	257.5	0.0381	0.0381		M
PCB-152	31:40	19811	1.32	1.1242	0.5550	0.5550	0.0315	0.0315		Ma
PCB-150	31:50	5224	1.24	0.9966	0.1888	0.1651	0.0355	0.0355		RQMa
PCB-136	32:12	39178	1.43	0.9632	1.281	1.281	0.0367	0.0367		M
PCB-145	32:28	6887	1.24	1.0775	0.2242	0.2013	0.0328	0.0328		RQM
PCB-148	34:00						0.0479	0.0479		
PCB-135	34:36	48241	1.24	0.7414	2.286	2.049	0.0477	0.0477		RQM
PCB-151 (C135)	34:36	48241	1.24	0.7414	2.286	2.049	0.0477	0.0477		RQM
PCB-154	34:52	16193	1.20	0.8223	0.6202	0.6202	0.0430	0.0430		
PCB-144	35:10						0.0480	0.0480		
PCB-147	35:31	220265	1.23	0.8634	7.308	7.308	0.1103	0.1103		
PCB-149 (C147)	35:31	220265	1.23	0.8634	7.308	7.308	0.1103	0.1103		
PCB-134	35:44	18837	1.05	0.6812	0.7921	0.7921	0.1398	0.1398		M
PCB-143 (C134)	35:44	18837	1.05	0.6812	0.7921	0.7921	0.1398	0.1398		M
PCB-139	36:07						0.1136	0.1136		
PCB-140 (C139)	36:07						0.1136	0.1136		
PCB-131	36:19						0.1389	0.1389		
PCB-142	36:29	5211263	1.24	0.6760	220.8	220.8	0.1409	0.1409		
PCB-132	36:47	118430	1.28	0.7063	4.803	4.803	0.1349	0.1349		M
PCB-133	37:17						0.1226	0.1226		
PCB-165	37:42	51794	1.11	0.9584	1.548	1.548	0.0994	0.0994		
PCB-146	37:57	39196	1.29	0.9163	1.225	1.225	0.1039	0.1039		M
PCB-161	38:04	369922	1.26	1.1406	9.290	9.290	0.0835	0.0835		
PCB-153	38:33	240568	1.38	1.0468	6.583	6.583	0.0910	0.0910		
PCB-168 (C153)	38:33	240568	1.38	1.0468	6.583	6.583	0.0910	0.0910		
PCB-141	38:46	44562	1.18	0.7580	1.684	1.684	0.1257	0.1257		
PCB-130	39:09	19915	1.12	0.6356	0.8974	0.8974	0.1498	0.1498		
PCB-137	39:23	17636	1.16	0.7533	0.6706	0.6706	0.1264	0.1264		
PCB-164	39:30	24385	1.24	1.1173	0.7014	0.6251	0.0852	0.0852		RQM
PCB-129	39:48	331848	1.26	0.8826	10.8	10.8	0.1079	0.1079		
PCB-138 (C129)	39:48	331848	1.26	0.8826	10.8	10.8	0.1079	0.1079		
PCB-160 (C129)	39:48	331848	1.26	0.8826	10.8	10.8	0.1079	0.1079		
PCB-163 (C129)	39:48	331848	1.26	0.8826	10.8	10.8	0.1079	0.1079		
PCB-158	40:11	39653	1.41	1.1331	1.002	1.002	0.0841	0.0841		
PCB-128	41:03	53116	1.09	0.9522	1.598	1.598	0.1000	0.1000		
PCB-166 (C128)	41:03	53116	1.09	0.9522	1.598	1.598	0.1000	0.1000		
PCB-159	42:01	53367	1.27	1.3072	1.169	1.169	0.0729	0.0729		
PCB-162	42:19						0.0871	0.0871		
PCB-167	42:48	13893	1.27	1.1098	0.2816	0.2816	0.0585	0.0585		
PCB-156	43:55	27822	1.37	1.0713	0.993	0.993	0.1463	0.1463		
PCB-157 (C156)	43:55	27822	1.37	1.0713	0.993	0.993	0.1463	0.1463		
PCB-169	47:11						0.0590	0.0590		
S Total Heptachlorobiphenyls					1516.0	1515.2	0.005138	0.005138		RQ
D PCB-188L	37:10	3687740	1.08	1.2605	109.2	109.2	0.0488	0.0488	109	
$ PCB-178L	40:14						0.0736	0.0736		
* PCB-180L	45:19	2680304	1.06	1.2E+05	100.0	100.0				
D PCB-170L	46:34	2213801	1.07	0.8524	96.9	96.9	0.0722	0.0722	96.90	
D PCB-189L	49:41	5048289	1.05	1.4740	102.1	102.1	1.189	1.189	102	
PCB-188	37:12						0.002231	0.002231		
PCB-179	37:32						0.002147	0.002147		
PCB-184	38:04	14718989	1.05	1.2996	383.8	383.8	0.002314	0.002314		
PCB-176	38:25						0.002509	0.002509		
PCB-186	38:52						0.002044	0.002044		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:16						0.003412	0.003412		
PCB-175	40:53						0.003327	0.003327		
PCB-187	41:09						0.002610	0.002610		
PCB-182	41:21						0.002721	0.002721		
PCB-183	41:45						0.003096	0.003096		
PCB-185 (C183)	41:45						0.003096	0.003096		
PCB-174	42:00						0.003013	0.003013		
PCB-177	42:26						0.003129	0.003129		
PCB-181	42:49						0.002844	0.002844		
PCB-171	43:03						0.003355	0.003355		
PCB-173 (C171)	43:03						0.003355	0.003355		
PCB-172	44:41						0.003240	0.003240		
PCB-192	44:58	47055288	1.05	1.4131	1128.5	1128.5	0.002128	0.002128		
PCB-180	45:18	99484	1.05	1.1677	3.625	2.887	0.002576	0.002576		RQM
PCB-193 (C180)	45:18	99484	1.05	1.1677	3.625	2.887	0.002576	0.002576		RQM
PCB-191	45:41						0.002369	0.002369		
PCB-170	46:36						0.003822	0.003822		
PCB-190	47:06						0.002313	0.002313		
PCB-189	49:44						0.0527	0.0527		RQMU
S Total Octachlorobiphenyls					490.7	490.5	0.0323	0.0323		RQ
D PCB-202L	42:33	2847760	0.89	1.0390	102.3	102.3	0.0745	0.0745	102	
* PCB-194L	51:48	3355801	0.92	1.5E+05	100.0	100.0				
D PCB-205L	52:16	4133995	0.90	1.2166	101.3	101.3	0.8534	0.8534	101	
PCB-202	42:34						0.0343	0.0343		
PCB-201	43:29						0.0361	0.0361		
PCB-204	44:09	15341225	0.89	1.1119	484.5	484.5	0.0311	0.0311		
PCB-197	44:23	141168	0.97	1.0487	4.727	4.727	0.0330	0.0330		M
PCB-200	44:32	30469	0.89	0.9671	1.225	1.106	0.0358	0.0358		RQMa
PCB-198	47:17						0.0392	0.0392		
PCB-199 (C198)	47:17						0.0392	0.0392		
PCB-196	47:57						0.0439	0.0439		
PCB-203	48:09						0.0356	0.0356		
PCB-195	49:28						0.0250	0.0250		
PCB-194	51:50	3002	0.89	0.9255	0.1026	0.0785	0.0224	0.0224		RQMa
PCB-205	52:19	5185	0.89	1.1267	0.1377	0.1113	0.0184	0.0184		RQM
S Total Nonachlorobiphenyls					2.768	2.768	0.0926	0.0926		
D PCB-208L	49:13	3659126	0.78	1.0234	106.5	106.5	1.098	1.098	107	
D PCB-206L	54:02	2804200	0.81	0.7298	114.5	114.5	1.540	1.540	114	
PCB-208	49:14						0.0914	0.0914		
PCB-207	50:10	110295	0.72	1.2328	2.768	2.768	0.0877	0.0877		M
PCB-206	54:02						0.0988	0.0988		
D PCB-209L	55:40	2955889	0.73	0.7565	116.4	116.4	0.0539	0.0539	116	
DCB Decachlorobiphenyl	55:41	109054	0.75	1.0418	3.541	3.541	0.0148	0.0148		
S Polychlorinated biphenyls, Total					4269.3	3.541	0.0570	0.0570		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Report Date: 04-Jan-2024 20:01:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Lims ID: 140-34509-A-2-B
Client ID: PW-01-DUP
Sample Type: Client
Inject. Date: 04-Jan-2024 14:01:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-006
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 20:01:33 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 20:01:33

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:39	11:40	-3	0.727	4347904	1526783	743	1857	2055		
202.0766	11:39	11:40	-3	0.727	1369236	487556	769	1922	634	3.18(2.66-3.60)	
PCB-3L											
200.0795	13:50	13:48	-2	0.862	3817306	1085039	743	1857	1460		
202.0766	13:50	13:48	-2	0.862	1176454	337934	769	1922	439	3.24(2.66-3.60)	
PCB-1											RQ
188.0393	11:40	11:40	-3	1.001	3002	994	112	280	9		
190.0363	11:40	11:40	-3	1.001	1408	505	67	167	8	2.13(2.66-3.60)	
	Empc Correction				959	317	67	167	5		
PCB-2											
188.0393	13:40						112	280			
190.0363	13:40						67	167			
PCB-3											
188.0393	13:50						112	280			
190.0363	13:50						67	167			
PCB-4L											
234.0406	14:04	14:03	-2	0.878	1611492	471149	236	590	1996		
236.0376	14:04	14:03	-2	0.878	1013695	296618	69	172	4299	1.59(1.33-1.79)	
PCB-9L											
234.0406	16:02	16:04	-2		2779604	737138	236	590	3123		
236.0376	16:02	16:04	-2		1709074	452571	69	172	6559	1.63(1.33-1.79)	
PCB-15L											
234.0406	19:58	19:55	-2	1.245	2667766	528491	236	590	2239		
236.0376	19:58	19:55	-2	1.245	1656916	331344	69	172	4802	1.61(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-4											
222.0003	14:05	14:04	-2	1.001	30734	9197	120	300	77		
223.9974	14:05	14:04	-2	1.001	19184	5199	124	310	42	1.60(1.33-1.79)	
PCB-10											RQMa
222.0003	14:16	14:16	-2	1.013	7198	2417	120	300	20		M
223.9974	14:15	14:16	-2	1.012	6267	1831	124	310	15	1.15(1.33-1.79)	a
	Empc Correction				4614	1549	124	310	12		
PCB-9											
222.0003	16:03						120	300			
223.9974	16:03						124	310			
PCB-7											
222.0003	16:13						120	300			
223.9974	16:13						124	310			
PCB-6											
222.0003	16:28						120	300			
223.9974	16:28						124	310			
PCB-5											
222.0003	16:46						120	300			
223.9974	16:46						124	310			
PCB-8											M
222.0003	16:54	16:54	-2	1.201	8756	2081	120	300	17		M
223.9974	16:53	16:54	-2	1.200	5694	1598	124	310	13	1.54(1.33-1.79)	
PCB-14											
222.0003	18:31	18:30	-2	0.928	5306860	1202374	120	300	10020		
223.9974	18:31	18:30	-2	0.928	3316558	744251	124	310	6002	1.60(1.33-1.79)	
PCB-11											M
222.0003	19:22	19:22	-1	0.970	12906	2692	120	300	22		M
223.9974	19:22	19:22	-1	0.970	7197	1385	124	310	11	1.79(1.33-1.79)	M
PCB-12											
222.0003	19:41						120	300			
223.9974	19:41						124	310			
PCB-13 (C12)											
222.0003	19:41						120	300			
223.9974	19:41						124	310			
PCB-15											
222.0003	19:58	19:58	-2	1.001	13935	2558	120	300	21		
223.9974	19:59	19:58	-1	1.001	10152	1673	124	310	13	1.37(1.33-1.79)	
PCB-19L											
268.0016	17:11	17:11	-2	0.840	918642	232246	572	1430	406		
269.9986	17:11	17:11	-2	0.840	856432	213709	394	985	542	1.07(0.88-1.20)	
PCB-32L											
268.0016	20:26	20:27	-1		1581540	350390	572	1430	613		
269.9986	20:26	20:27	-1		1469997	325069	394	985	825	1.08(0.88-1.20)	
PCB-31L											
268.0016	22:42	22:43	-2		3879081	822265	497	1242	1654		
269.9986	22:42	22:43	-2		3715460	792073	235	587	3371	1.04(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-28L											
268.0016	22:59						497	1242			
269.9986	22:59						235	587			
PCB-37L											
268.0016	27:00	26:59	-2	1.190	3037295	557950	497	1242	1123		
269.9986	27:00	26:59	-2	1.190	2868199	516166	235	587	2196	1.06(0.88-1.20)	
PCB-19											
255.9613	17:11	17:10	-2	1.001	31387	7817	32	80	244		
257.9584	17:11	17:10	-2	1.001	33672	8124	70	175	116	0.93(0.88-1.20)	
PCB-18											
255.9613	19:03	19:01	0	1.109	7745	2076	32	80	65		
257.9584	19:04	19:01	1	1.110	8443	1698	70	175	24	0.92(0.88-1.20)	
PCB-30 (C18)											
255.9613	19:03	19:01	0	1.109	7745	2076	32	80	65		
257.9584	19:04	19:01	1	1.110	8443	1698	70	175	24	0.92(0.88-1.20)	
PCB-17											RQ
255.9613	19:28	19:27	-2	1.133	25546	5535	32	80	173		
	Empc Correction				21801	5698	32	80	178		
257.9584	19:28	19:27	-2	1.134	20963	5479	70	175	78	1.22(0.88-1.20)	
PCB-27											
255.9613	19:42	19:40	-1	1.147	17485	4334	32	80	135		
257.9584	19:41	19:40	-2	1.146	17094	3624	70	175	52	1.02(0.88-1.20)	
PCB-24											
255.9613	19:48						32	80			
257.9584	19:48						70	175			
PCB-16											RQ
255.9613	19:55	19:55	-2	1.160	1963	579	32	80	18		
257.9584	19:56	19:55	-2	1.161	2510	677	70	175	10	0.78(0.88-1.20)	
	Empc Correction				1887	556	70	175	8		
PCB-32											
255.9613	20:28	20:26	-1	1.191	21131	5269	32	80	165		
257.9584	20:28	20:26	-1	1.191	19890	4000	70	175	57	1.06(0.88-1.20)	
PCB-34											
255.9613	21:42						659	1647			
257.9584	21:42						266	665			
PCB-23											
255.9613	21:51						659	1647			
257.9584	21:51						266	665			
PCB-26											RQ
255.9613	22:09	22:09	-3	1.290	14367	3335	659	1647	5		
257.9584	22:10	22:09	-2	1.291	17948	4519	266	665	17	0.80(0.88-1.20)	
	Empc Correction				13814	3206	266	665	12		
PCB-29 (C26)											RQ
255.9613	22:09	22:09	-3	1.290	14367	3335	659	1647	5		
257.9584	22:10	22:09	-2	1.291	17948	4519	266	665	17	0.80(0.88-1.20)	
	Empc Correction				13814	3206	266	665	12		

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											RQ
255.9613	22:25	22:23	-1	0.830	17803	4463	659	1647	7		
	Empc Correction				14458	3296	659	1647	5		
257.9584	22:25	22:23	-1	0.830	13902	3170	266	665	12	1.28(0.88-1.20)	
PCB-31											
255.9613	22:43	22:42	-1	0.841	39107	8926	659	1647	14		
257.9584	22:43	22:42	-1	0.841	37339	8372	266	665	31	1.05(0.88-1.20)	
PCB-20											RQ
255.9613	23:01	23:01	-2	0.852	45992	10635	659	1647	16		
257.9584	23:01	23:01	-2	0.852	57922	10852	266	665	41	0.79(0.88-1.20)	
	Empc Correction				44223	10225	266	665	38		
PCB-28 (C20)											RQ
255.9613	23:01	23:01	-2	0.852	45992	10635	659	1647	16		
257.9584	23:01	23:01	-2	0.852	57922	10852	266	665	41	0.79(0.88-1.20)	
	Empc Correction				44223	10225	266	665	38		
PCB-21											RQMa
255.9613	23:16	23:16	3	0.862	9085	1787	659	1647	3		M
257.9584	23:15	23:16	2	0.861	12072	2698	266	665	10	0.75(0.88-1.20)	a
	Empc Correction				8735	1718	266	665	6		
PCB-33 (C21)											RQMa
255.9613	23:16	23:16	3	0.862	9085	1787	659	1647	3		M
257.9584	23:15	23:16	2	0.861	12072	2698	266	665	10	0.75(0.88-1.20)	a
	Empc Correction				8735	1718	266	665	6		
PCB-22											Ma
255.9613	23:39	23:39	-1	0.876	10649	2205	659	1647	3		M
257.9584	23:38	23:39	-2	0.875	9202	1897	266	665	7	1.16(0.88-1.20)	a
PCB-36											
255.9613	25:13	25:11	-1	0.934	4679375	923480	659	1647	1401		
257.9584	25:13	25:11	-1	0.934	4625000	921158	266	665	3463	1.01(0.88-1.20)	
PCB-39											
255.9613	25:34						659	1647			
257.9584	25:34						266	665			
PCB-38											
255.9613	26:09						659	1647			
257.9584	26:09						266	665			
PCB-35											
255.9613	26:37						659	1647			
257.9584	26:37						266	665			
PCB-37											
255.9613	27:01						659	1647			
257.9584	27:01						266	665			
PCB-54L											
301.9626	20:15	20:15	-2	0.815	893943	210265	73	182	2880		
303.9597	20:15	20:15	-2	0.815	1096822	246981	30	75	8233	0.82(0.65-0.89)	
PCB-52L											
301.9626	24:50	24:51	-1		1827502	382320	176	440	2172		
303.9597	24:50	24:51	-1		2315780	493248	272	680	1813	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-81L											
301.9626	33:46	33:43	0	1.360	2209618	398672	176	440	2265		
303.9597	33:46	33:43	0	1.360	2775616	500079	272	680	1839	0.80(0.65-0.89)	
PCB-77L											
301.9626	34:19	34:17	0	1.383	2270848	399956	176	440	2272		
303.9597	34:19	34:17	0	1.383	2798396	489911	272	680	1801	0.81(0.65-0.89)	
PCB-54											
289.9224	20:17	20:18	-1	1.000	4338	1168	18	45	65		
291.9194	20:16	20:18	-2	0.999	6377	1326	24	60	55	0.68(0.65-0.89)	
PCB-50											
289.9224	22:27	22:26	-2	1.109	30292	6357	11	27	578		
291.9194	22:27	22:26	-2	1.109	37272	7068	52	130	136	0.81(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:27	22:26	-2	1.109	30292	6357	11	27	578		
291.9194	22:27	22:26	-2	1.109	37272	7068	52	130	136	0.81(0.65-0.89)	
PCB-45											
289.9224	23:11	23:09	-2	1.145	38810	7320	11	27	665		
291.9194	23:12	23:09	-1	1.145	49885	10614	52	130	204	0.78(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:11	23:09	-2	1.145	38810	7320	11	27	665		
291.9194	23:12	23:09	-1	1.145	49885	10614	52	130	204	0.78(0.65-0.89)	
PCB-46											RQM
289.9224	23:25	23:27	-2	1.157	3633	865	11	27	79		M
	Empc Correction				2872	1067	11	27	97		
291.9194	23:27	23:27	0	1.158	3730	1387	52	130	27	0.97(0.65-0.89)	M
PCB-52											
289.9224	24:51	24:49	-1	1.228	97746	21458	11	27	1951		
291.9194	24:51	24:49	-1	1.228	124914	25261	52	130	486	0.78(0.65-0.89)	
PCB-43											RQ
289.9224	25:01	24:57	0	1.235	25448	4657	11	27	423		
	Empc Correction				19610	4036	11	27	367		
291.9194	24:59	24:57	-2	1.234	25468	5242	52	130	101	1.00(0.65-0.89)	
PCB-73 (C43)											RQ
289.9224	25:01	24:57	0	1.235	25448	4657	11	27	423		
	Empc Correction				19610	4036	11	27	367		
291.9194	24:59	24:57	-2	1.234	25468	5242	52	130	101	1.00(0.65-0.89)	
PCB-49											
289.9224	25:20	25:16	2	1.252	80847	16968	11	27	1543		
291.9194	25:20	25:16	2	1.252	113592	23948	52	130	461	0.71(0.65-0.89)	
PCB-69 (C49)											
289.9224	25:20	25:16	2	1.252	80847	16968	11	27	1543		
291.9194	25:20	25:16	2	1.252	113592	23948	52	130	461	0.71(0.65-0.89)	
PCB-48											RQM
289.9224	25:37	25:37	-1	1.265	10979	2406	11	27	219		M
	Empc Correction				7003	1365	11	27	124		
291.9194	25:37	25:37	-1	1.265	9096	1773	52	130	34	1.21(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-44											M
289.9224	25:47	25:47	-5	1.274	415922	51657	11	27	4696		M
291.9194	25:47	25:47	-5	1.274	522136	65026	52	130	1251	0.80(0.65-0.89)	M
PCB-47 (C44)											M
289.9224	25:47	25:47	-5	1.274	415922	51657	11	27	4696		M
291.9194	25:47	25:47	-5	1.274	522136	65026	52	130	1251	0.80(0.65-0.89)	M
PCB-65 (C44)											M
289.9224	25:47	25:47	-5	1.274	415922	51657	11	27	4696		M
291.9194	25:47	25:47	-5	1.274	522136	65026	52	130	1251	0.80(0.65-0.89)	M
PCB-59											RQM
289.9224	26:12	26:12	1	1.294	9960	1842	11	27	167		M
	Empc Correction				7874	1410	11	27	128		
291.9194	26:12	26:12	1	1.294	10227	1832	52	130	35	0.97(0.65-0.89)	M
PCB-62 (C59)											RQM
289.9224	26:12	26:12	1	1.294	9960	1842	11	27	167		M
	Empc Correction				7874	1410	11	27	128		
291.9194	26:12	26:12	1	1.294	10227	1832	52	130	35	0.97(0.65-0.89)	M
PCB-75 (C59)											RQM
289.9224	26:12	26:12	1	1.294	9960	1842	11	27	167		M
	Empc Correction				7874	1410	11	27	128		
291.9194	26:12	26:12	1	1.294	10227	1832	52	130	35	0.97(0.65-0.89)	M
PCB-42											
289.9224	26:23	26:20	-1	1.303	16845	3600	11	27	327		
291.9194	26:21	26:20	-2	1.301	19269	3762	52	130	72	0.87(0.65-0.89)	
PCB-40											
289.9224	26:52	26:49	-1	1.327	26091	5526	11	27	502		
291.9194	26:52	26:49	-1	1.327	33398	6308	52	130	121	0.78(0.65-0.89)	
PCB-41 (C40)											
289.9224	26:52	26:49	-1	1.327	26091	5526	11	27	502		
291.9194	26:52	26:49	-1	1.327	33398	6308	52	130	121	0.78(0.65-0.89)	
PCB-71 (C40)											
289.9224	26:52	26:49	-1	1.327	26091	5526	11	27	502		
291.9194	26:52	26:49	-1	1.327	33398	6308	52	130	121	0.78(0.65-0.89)	
PCB-64											RQ
289.9224	27:06	27:02	0	1.338	25240	4544	11	27	413		
	Empc Correction				20613	4584	11	27	417		
291.9194	27:06	27:02	0	1.338	26771	5954	52	130	115	0.94(0.65-0.89)	
PCB-72											Ma
289.9224	27:55	27:55	-1	0.827	5109	833	11	27	76		M
291.9194	27:55	27:55	-2	0.827	7556	1173	52	130	23	0.68(0.65-0.89)	M
PCB-68											M
289.9224	28:13	28:12	0	0.836	52368	11329	11	27	1030		
291.9194	28:12	28:12	-1	0.835	78375	15944	52	130	307	0.67(0.65-0.89)	M
PCB-57											
289.9224	28:38						11	27			
291.9194	28:38						52	130			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-58											
289.9224	28:53						11	27			
291.9194	28:53						52	130			
PCB-67											
289.9224	29:03						11	27			
291.9194	29:03						52	130			
PCB-63											
289.9224	29:19						11	27			
291.9194	29:19						52	130			
PCB-61											
289.9224	29:37	29:38	-2	0.877	78495	12046	11	27	1095		
291.9194	29:37	29:38	-2	0.877	100305	14421	52	130	277	0.78(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:37	29:38	-2	0.877	78495	12046	11	27	1095		
291.9194	29:37	29:38	-2	0.877	100305	14421	52	130	277	0.78(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:37	29:38	-2	0.877	78495	12046	11	27	1095		
291.9194	29:37	29:38	-2	0.877	100305	14421	52	130	277	0.78(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:37	29:38	-2	0.877	78495	12046	11	27	1095		
291.9194	29:37	29:38	-2	0.877	100305	14421	52	130	277	0.78(0.65-0.89)	
PCB-66											M
289.9224	29:58	29:58	0	0.888	41452	7183	11	27	653		M
291.9194	29:58	29:58	0	0.888	49838	9071	52	130	174	0.83(0.65-0.89)	M
PCB-55											Ma
289.9224	30:07	30:07	-1	0.892	1668	355	11	27	32		M
291.9194	30:03	30:07	-5	0.890	2163	526	52	130	10	0.77(0.65-0.89)	
PCB-56											RQMa
289.9224	30:41	30:41	2	0.909	11211	3262	11	27	297		M
	Empc Correction				9465	1881	11	27	171		
291.9194	30:37	30:41	-2	0.907	12293	2444	52	130	47	0.91(0.65-0.89)	
PCB-60											RQM
289.9224	30:50	30:50	-1	0.913	6079	2526	11	27	230		M
	Empc Correction				4958	1582	11	27	144		
291.9194	30:50	30:50	-1	0.913	6440	2055	52	130	40	0.94(0.65-0.89)	M
PCB-80											
289.9224	31:15						11	27			
291.9194	31:15						52	130			
PCB-79											
289.9224	32:47						11	27			
291.9194	32:47						52	130			
PCB-78											
289.9224	33:20	33:19	0	0.988	8997741	1649542	11	27	149958		
291.9194	33:20	33:19	0	0.988	11432458	2101052	52	130	40405	0.79(0.65-0.89)	
PCB-81											RQ
289.9224	33:48	33:46	1	1.001	17266	3337	11	27	303		
	Empc Correction				11891	3689	11	27	335		
291.9194	33:47	33:46	0	1.001	15444	4792	52	130	92	1.12(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-77											
289.9224	34:20						11	27			
291.9194	34:20						52	130			
PCB-104L											
337.9207	25:46	25:45	-1	0.813	2202583	472637	93	232	5082		
339.9178	25:46	25:45	-1	0.813	1364396	293584	64	160	4587	1.61(1.32-1.78)	
PCB-101L											
337.9207	31:41	31:42	-1		1647085	320463	93	232	3446		
339.9178	31:41	31:42	-1		1031016	196615	64	160	3072	1.60(1.32-1.78)	
PCB-111L											
337.9207	34:21						93	232			
339.9178	34:21						64	160			
PCB-123L											
337.9207	36:19	36:17	0	1.146	2944649	561386	1213	3032	463		
339.9178	36:19	36:17	0	1.146	1843317	351443	925	2312	380	1.60(1.32-1.78)	
PCB-118L											
337.9207	36:39	36:36	0	1.157	2991709	569859	1213	3032	470		
339.9178	36:39	36:36	0	1.157	1903323	360714	925	2312	390	1.57(1.32-1.78)	
PCB-114L											
337.9207	37:10	37:08	0	1.173	2985354	568888	1213	3032	469		
339.9178	37:10	37:08	0	1.173	1873772	354668	925	2312	383	1.59(1.32-1.78)	
PCB-105L											
337.9207	37:50	37:47	0	1.194	2856399	520915	1213	3032	429		
339.9178	37:50	37:47	0	1.194	1821062	340133	925	2312	368	1.57(1.32-1.78)	
PCB-127L											
337.9207	39:18	39:18	0		3044508	554684	1213	3032	457		
339.9178	39:18	39:18	0		1899252	348244	925	2312	376	1.60(1.32-1.78)	
PCB-126L											
337.9207	40:54	40:52	0	1.291	2896481	517583	1213	3032	427		
339.9178	40:54	40:52	0	1.291	1809491	322717	925	2312	349	1.60(1.32-1.78)	
PCB-104											M
325.8804	25:47	25:47	-1	1.001	15800458	3371253	138	345	24429		M
327.8775	25:47	25:47	-1	1.001	10022185	2140310	49	122	43680	1.58(1.32-1.78)	
PCB-96											RQ
325.8804	26:07	26:09	-4	1.014	71187	7802	138	345	57		
	Empc Correction				37430	7705	138	345	56		
327.8775	26:08	26:09	-3	1.014	24149	4971	49	122	101	2.95(1.32-1.78)	
PCB-103											
325.8804	28:06						138	345			
327.8775	28:06						49	122			
PCB-94											
325.8804	28:19						138	345			
327.8775	28:19						49	122			
PCB-95											Ma
325.8804	28:46	28:46	-1	1.117	118927	24577	138	345	178		a
327.8775	28:46	28:46	-1	1.117	75968	17181	49	122	351	1.57(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-93											RQMa
325.8804	28:58	28:58	-1	1.125	27147	5784	138	345	42		M
	Empc Correction				23184	5169	138	345	37		
327.8775	28:58	28:58	-1	1.125	14958	3335	49	122	68	1.81(1.32-1.78)	
PCB-100 (C93)											RQMa
325.8804	28:58	28:58	-1	1.125	27147	5784	138	345	42		M
	Empc Correction				23184	5169	138	345	37		
327.8775	28:58	28:58	-1	1.125	14958	3335	49	122	68	1.81(1.32-1.78)	
PCB-98											RQMa
325.8804	29:07	29:07	-2	1.130	7928	1416	138	345	10		M
327.8775	29:08	29:07	0	1.131	6878	1318	49	122	27	1.15(1.32-1.78)	
	Empc Correction				5114	913	49	122	19		
PCB-102 (C98)											RQMa
325.8804	29:07	29:07	-2	1.130	7928	1416	138	345	10		M
327.8775	29:08	29:07	0	1.131	6878	1318	49	122	27	1.15(1.32-1.78)	
	Empc Correction				5114	913	49	122	19		
PCB-88											RQM
325.8804	29:37	29:37	-1	1.150	39928	8924	138	345	65		
	Empc Correction				32644	6613	138	345	48		
327.8775	29:37	29:37	-1	1.150	21061	4267	49	122	87	1.90(1.32-1.78)	M
PCB-91 (C88)											RQM
325.8804	29:37	29:37	-1	1.150	39928	8924	138	345	65		
	Empc Correction				32644	6613	138	345	48		
327.8775	29:37	29:37	-1	1.150	21061	4267	49	122	87	1.90(1.32-1.78)	M
PCB-84											M
325.8804	29:52	29:52	1	1.159	33587	6582	138	345	48		M
327.8775	29:51	29:52	0	1.159	22735	4521	49	122	92	1.48(1.32-1.78)	M
PCB-89											
325.8804	30:19						138	345			
327.8775	30:19						49	122			
PCB-121											
325.8804	30:45	30:42	0	1.193	6172253	1245763	138	345	9027		
327.8775	30:45	30:42	0	1.193	3938778	792104	49	122	16165	1.57(1.32-1.78)	
PCB-92											M
325.8804	31:08	31:08	0	0.857	60221	8921	138	345	65		M
327.8775	31:08	31:08	0	0.857	36637	5713	49	122	117	1.64(1.32-1.78)	M
PCB-90											
325.8804	31:41	31:38	1	1.230	208370	37441	138	345	271		
327.8775	31:42	31:38	1	1.231	128664	23733	49	122	484	1.62(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:41	31:38	1	1.230	208370	37441	138	345	271		
327.8775	31:42	31:38	1	1.231	128664	23733	49	122	484	1.62(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:41	31:38	1	1.230	208370	37441	138	345	271		
327.8775	31:42	31:38	1	1.231	128664	23733	49	122	484	1.62(1.32-1.78)	
PCB-83											
325.8804	32:18	32:14	1	1.254	104957	17704	138	345	128		
327.8775	32:17	32:14	0	1.253	60851	11388	49	122	232	1.72(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-99 (C83)											
325.8804	32:18	32:14	1	1.254	104957	17704	138	345	128		
327.8775	32:17	32:14	0	1.253	60851	11388	49	122	232	1.72(1.32-1.78)	
PCB-112											U
325.8804	32:24						138	345			
327.8775	32:24						49	122			
PCB-86											M
325.8804	32:52	32:53	6	1.276	114533	11357	138	345	82		M
327.8775	32:53	32:53	7	1.276	72167	7659	49	122	156	1.59(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:52	32:53	6	1.276	114533	11357	138	345	82		M
327.8775	32:53	32:53	7	1.276	72167	7659	49	122	156	1.59(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:52	32:53	6	1.276	114533	11357	138	345	82		M
327.8775	32:53	32:53	7	1.276	72167	7659	49	122	156	1.59(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:52	32:53	6	1.276	114533	11357	138	345	82		M
327.8775	32:53	32:53	7	1.276	72167	7659	49	122	156	1.59(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:52	32:53	6	1.276	114533	11357	138	345	82		M
327.8775	32:53	32:53	7	1.276	72167	7659	49	122	156	1.59(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:52	32:53	6	1.276	114533	11357	138	345	82		M
327.8775	32:53	32:53	7	1.276	72167	7659	49	122	156	1.59(1.32-1.78)	M
PCB-85											M
325.8804	33:30	33:31	1	1.301	33844	4302	138	345	31		M
327.8775	33:31	33:31	1	1.301	22370	3323	49	122	68	1.51(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:30	33:31	1	1.301	33844	4302	138	345	31		M
327.8775	33:31	33:31	1	1.301	22370	3323	49	122	68	1.51(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:30	33:31	1	1.301	33844	4302	138	345	31		M
327.8775	33:31	33:31	1	1.301	22370	3323	49	122	68	1.51(1.32-1.78)	M
PCB-110											
325.8804	33:40	33:42	-4	1.307	227112	42457	138	345	308		
327.8775	33:40	33:42	-4	1.307	143132	25613	49	122	523	1.59(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:40	33:42	-4	1.307	227112	42457	138	345	308		
327.8775	33:40	33:42	-4	1.307	143132	25613	49	122	523	1.59(1.32-1.78)	
PCB-82											
325.8804	33:59						138	345			
327.8775	33:59						49	122			
PCB-111											
325.8804	34:22						138	345			
327.8775	34:22						49	122			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-120											
325.8804	34:50						138	345			
327.8775	34:50						49	122			
PCB-108											RQ
325.8804	35:59	35:57	-1	1.397	8676	1428	176	440	8		
327.8775	35:58	35:57	-2	1.396	7432	1177	120	300	10	1.17(1.32-1.78)	
	Empc Correction				5597	921	120	300	8		
PCB-124 (C108)											RQ
325.8804	35:59	35:57	-1	1.397	8676	1428	176	440	8		
327.8775	35:58	35:57	-2	1.396	7432	1177	120	300	10	1.17(1.32-1.78)	
	Empc Correction				5597	921	120	300	8		
PCB-107											
325.8804	36:14	36:11	0	1.406	16127	3229	176	440	18		
327.8775	36:14	36:11	0	1.406	10877	2107	120	300	18	1.48(1.32-1.78)	
PCB-123											RQM
325.8804	36:19	36:19	-2	1.000	1285	646	176	440	4		M
327.8775	36:19	36:19	-2	1.000	1296	440	120	300	4	0.99(1.32-1.78)	M
	Empc Correction				829	416	120	300	3		
PCB-106											M
325.8804	36:29	36:29	1	1.004	251426	48956	176	440	278		M
327.8775	36:29	36:29	1	1.004	163254	30276	120	300	252	1.54(1.32-1.78)	M
PCB-118											
325.8804	36:40	36:39	0	1.001	189848	34087	176	440	194		
327.8775	36:40	36:39	-1	1.000	117739	22542	120	300	188	1.61(1.32-1.78)	
PCB-122											
325.8804	37:01						176	440			
327.8775	37:01						120	300			
PCB-114											RQM
325.8804	37:11	37:11	-1	1.000	3509	1265	176	440	7		M
327.8775	37:13	37:11	1	1.001	3147	613	120	300	5	1.12(1.32-1.78)	
	Empc Correction				2263	816	120	300	7		
PCB-105											M
325.8804	37:51	37:51	1	1.001	51337	9580	176	440	54		M
327.8775	37:51	37:51	0	1.000	35679	7034	120	300	59	1.44(1.32-1.78)	M
PCB-127											
325.8804	39:20						176	440			
327.8775	39:20						120	300			
PCB-126											
325.8804	40:56						176	440			
327.8775	40:56						120	300			
PCB-155L											
371.8817	31:27	31:26	0	0.791	1786853	355635	71	177	5009		
373.8788	31:27	31:26	0	0.791	1388337	272207	138	345	1973	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:46	39:46	0		1999815	371062	1233	3082	301		
373.8788	39:46	39:46	1		1568857	295636	662	1655	447	1.27(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-167L											
371.8817	42:46	42:45	0	1.076	2490314	466320	1233	3082	378		
373.8788	42:46	42:45	0	1.076	1955256	368216	662	1655	556	1.27(1.05-1.43)	
PCB-156L											
371.8817	43:55	43:55	-1	1.104	2906693	382647	1233	3082	310		
373.8788	43:55	43:55	-1	1.104	2324536	308786	662	1655	466	1.25(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:55	43:55	-1	1.104	2906693	382647	1233	3082	310		
373.8788	43:55	43:55	-1	1.104	2324536	308786	662	1655	466	1.25(1.05-1.43)	
PCB-169L											
371.8817	47:09	47:09	0	1.186	2390909	420964	1233	3082	341		
373.8788	47:09	47:09	0	1.186	1896670	329192	662	1655	497	1.26(1.05-1.43)	
PCB-155											M
359.8415	31:28	31:28	-1	1.000	4217912	826496	43	107	19221		M
361.8385	31:28	31:28	-1	1.000	3377927	666545	46	115	14490	1.25(1.05-1.43)	
PCB-152											Ma
359.8415	31:40	31:40	0	1.007	11260	3095	43	107	72		M
361.8385	31:42	31:40	2	1.008	8551	2391	46	115	52	1.32(1.05-1.43)	
PCB-150											RQMa
359.8415	31:50	31:50	0	1.012	2892	1424	43	107	33		M
361.8385	31:50	31:50	0	1.012	3082	1304	46	115	28	0.94(1.05-1.43)	M
	Empc Correction				2332	1148	46	115	25		
PCB-136											M
359.8415	32:12	32:12	0	1.024	23027	5092	43	107	118		
361.8385	32:12	32:12	0	1.024	16151	3392	46	115	74	1.43(1.05-1.43)	M
PCB-145											RQM
359.8415	32:28	32:28	-2	1.033	3813	601	43	107	14		M
361.8385	32:28	32:28	-2	1.033	3856	753	46	115	16	0.99(1.05-1.43)	
	Empc Correction				3074	484	46	115	11		
PCB-148											
359.8415	34:00						43	107			
361.8385	34:00						46	115			
PCB-135											RQM
359.8415	34:36	34:36	-3	1.100	26705	3843	43	107	89		M
361.8385	34:36	34:36	-2	1.100	27120	3315	46	115	72	0.98(1.05-1.43)	
	Empc Correction				21536	3099	46	115	67		
PCB-151 (C135)											RQM
359.8415	34:36	34:36	-3	1.100	26705	3843	43	107	89		M
361.8385	34:36	34:36	-2	1.100	27120	3315	46	115	72	0.98(1.05-1.43)	
	Empc Correction				21536	3099	46	115	67		
PCB-154											
359.8415	34:52	34:50	1	1.109	8845	1487	43	107	35		
361.8385	34:51	34:50	0	1.108	7348	1713	46	115	37	1.20(1.05-1.43)	
PCB-144											
359.8415	35:10						43	107			
361.8385	35:10						46	115			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-147											
359.8415	35:31	35:30	-1	1.129	121542	22695	132	330	172		
361.8385	35:32	35:30	0	1.130	98723	19537	85	212	230	1.23(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:31	35:30	-1	1.129	121542	22695	132	330	172		
361.8385	35:32	35:30	0	1.130	98723	19537	85	212	230	1.23(1.05-1.43)	
PCB-134											M
359.8415	35:44	35:44	-5	1.136	9642	1912	132	330	14		M
361.8385	35:44	35:44	-6	1.136	9195	1336	85	212	16	1.05(1.05-1.43)	M
PCB-143 (C134)											M
359.8415	35:44	35:44	-5	1.136	9642	1912	132	330	14		M
361.8385	35:44	35:44	-6	1.136	9195	1336	85	212	16	1.05(1.05-1.43)	M
PCB-139											
359.8415	36:07						132	330			
361.8385	36:07						85	212			
PCB-140 (C139)											
359.8415	36:07						132	330			
361.8385	36:07						85	212			
PCB-131											
359.8415	36:19						132	330			
361.8385	36:19						85	212			
PCB-142											
359.8415	36:29	36:27	0	1.160	2889124	546859	132	330	4143		
361.8385	36:29	36:27	0	1.160	2322139	441970	85	212	5200	1.24(1.05-1.43)	
PCB-132											M
359.8415	36:47	36:47	0	1.170	66528	10913	132	330	83		M
361.8385	36:47	36:47	-1	1.169	51902	8381	85	212	99	1.28(1.05-1.43)	
PCB-133											
359.8415	37:17						132	330			
361.8385	37:17						85	212			
PCB-165											
359.8415	37:42	37:40	1	0.881	27204	5086	132	330	39		
361.8385	37:42	37:40	1	0.881	24590	5160	85	212	61	1.11(1.05-1.43)	
PCB-146											M
359.8415	37:57	37:57	1	0.887	22055	4278	132	330	32		M
361.8385	37:57	37:57	1	0.887	17141	4068	85	212	48	1.29(1.05-1.43)	
PCB-161											
359.8415	38:04	38:03	0	0.890	205987	39212	132	330	297		
361.8385	38:04	38:03	0	0.890	163935	29505	85	212	347	1.26(1.05-1.43)	
PCB-153											
359.8415	38:33	38:33	-1	0.901	139342	27569	132	330	209		
361.8385	38:32	38:33	-2	0.901	101226	19535	85	212	230	1.38(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:33	38:33	-1	0.901	139342	27569	132	330	209		
361.8385	38:32	38:33	-2	0.901	101226	19535	85	212	230	1.38(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-141											
359.8415	38:46	38:43	2	0.906	24148	3845	132	330	29		
361.8385	38:44	38:43	0	0.906	20414	3496	85	212	41	1.18(1.05-1.43)	
PCB-130											
359.8415	39:09	39:09	0	0.916	10524	2018	132	330	15		
361.8385	39:09	39:09	0	0.916	9391	1868	85	212	22	1.12(1.05-1.43)	
PCB-137											
359.8415	39:23	39:21	1	0.921	9483	2412	132	330	18		
361.8385	39:23	39:21	1	0.921	8153	1545	85	212	18	1.16(1.05-1.43)	
PCB-164											RQM
359.8415	39:30	39:30	1	0.924	13499	3073	132	330	23		
361.8385	39:30	39:30	1	0.924	13859	2652	85	212	31	0.97(1.05-1.43)	M
	Empc Correction				10886	2478	85	212	29		
PCB-129											
359.8415	39:48	39:47	0	0.931	184950	31585	132	330	239		
361.8385	39:47	39:47	-1	0.930	146898	25527	85	212	300	1.26(1.05-1.43)	
PCB-138 (C129)											
359.8415	39:48	39:47	0	0.931	184950	31585	132	330	239		
361.8385	39:47	39:47	-1	0.930	146898	25527	85	212	300	1.26(1.05-1.43)	
PCB-160 (C129)											
359.8415	39:48	39:47	0	0.931	184950	31585	132	330	239		
361.8385	39:47	39:47	-1	0.930	146898	25527	85	212	300	1.26(1.05-1.43)	
PCB-163 (C129)											
359.8415	39:48	39:47	0	0.931	184950	31585	132	330	239		
361.8385	39:47	39:47	-1	0.930	146898	25527	85	212	300	1.26(1.05-1.43)	
PCB-158											
359.8415	40:11	40:10	0	0.939	23208	4272	132	330	32		
361.8385	40:10	40:10	-1	0.939	16445	3836	85	212	45	1.41(1.05-1.43)	
PCB-128											
359.8415	41:03	41:01	2	0.960	27717	6049	132	330	46		
361.8385	41:03	41:01	2	0.960	25399	4407	85	212	52	1.09(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:03	41:01	2	0.960	27717	6049	132	330	46		
361.8385	41:03	41:01	2	0.960	25399	4407	85	212	52	1.09(1.05-1.43)	
PCB-159											
359.8415	42:01	42:01	-1	0.982	29883	5571	132	330	42		
361.8385	42:02	42:01	0	0.983	23484	4531	85	212	53	1.27(1.05-1.43)	
PCB-162											
359.8415	42:19						132	330			
361.8385	42:19						85	212			
PCB-167											
359.8415	42:48	42:46	1	1.001	7768	1821	132	330	14		
361.8385	42:48	42:46	2	1.001	6125	1266	85	212	15	1.27(1.05-1.43)	
PCB-156											
359.8415	43:55	43:55	-2	1.000	16105	2726	132	330	21		
361.8385	43:55	43:55	-2	1.000	11717	1951	85	212	23	1.37(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-157 (C156)											
359.8415	43:55	43:55	-2	1.000	16105	2726	132	330	21		
361.8385	43:55	43:55	-2	1.000	11717	1951	85	212	23	1.37(1.05-1.43)	
PCB-169											
359.8415	47:11						132	330			
361.8385	47:11						85	212			
PCB-188L											
405.8428	37:10	37:10	0	0.820	1916854	375601	78	195	4815		
407.8398	37:10	37:10	0	0.820	1770886	347646	46	115	7558	1.08(0.89-1.21)	
PCB-178L											
405.8428	40:15						78	195			
407.8398	40:15						46	115			
PCB-180L											
405.8428	45:19	45:18	1		1380921	259421	78	195	3326		
407.8398	45:19	45:18	1		1299383	244261	46	115	5310	1.06(0.89-1.21)	
PCB-170L											
405.8428	46:34	46:33	0	1.028	1145567	210116	78	195	2694		
407.8398	46:34	46:33	0	1.028	1068234	197125	46	115	4285	1.07(0.89-1.21)	
PCB-189L											
405.8428	49:41	49:40	1	1.096	2588531	455500	2840	7100	160		
407.8398	49:41	49:40	1	1.096	2459758	436620	1491	3727	293	1.05(0.89-1.21)	
PCB-188											
393.8025	37:12						6	15			
395.7995	37:12						1	2			
PCB-179											
393.8025	37:32						6	15			
395.7995	37:32						1	2			
PCB-184											
393.8025	38:04	38:02	1	1.024	7549841	1468741	6	15	244790		
395.7995	38:04	38:02	1	1.024	7169148	1380315	1	2	1380315	1.05(0.89-1.21)	
PCB-176											
393.8025	38:25						6	15			
395.7995	38:25						1	2			
PCB-186											
393.8025	38:52						6	15			
395.7995	38:52						1	2			
PCB-178											
393.8025	40:16						6	15			
395.7995	40:16						1	2			
PCB-175											
393.8025	40:53						6	15			
395.7995	40:53						1	2			
PCB-187											
393.8025	41:09						6	15			
395.7995	41:09						1	2			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-182											
393.8025	41:21						6	15			
395.7995	41:21						1	2			
PCB-183											
393.8025	41:45						6	15			
395.7995	41:45						1	2			
PCB-185 (C183)											
393.8025	41:45						6	15			
395.7995	41:45						1	2			
PCB-174											
393.8025	42:00						6	15			
395.7995	42:00						1	2			
PCB-177											
393.8025	42:26						6	15			
395.7995	42:26						1	2			
PCB-181											
393.8025	42:49						6	15			
395.7995	42:49						1	2			
PCB-171											
393.8025	43:03						6	15			
395.7995	43:03						1	2			
PCB-173 (C171)											
393.8025	43:03						6	15			
395.7995	43:03						1	2			
PCB-172											
393.8025	44:42						6	15			
395.7995	44:42						1	2			
PCB-192											
393.8025	44:58	44:57	0	0.905	24104727	4702573	6	15	783762		
395.7995	44:58	44:57	0	0.905	22950561	4508785	1	2	4508785	1.05(0.89-1.21)	
PCB-180											RQM
393.8025	45:18	45:18	-1	0.912	76388	9452	6	15	1575		M
	Empc Correction				50955	8266	6	15	1378		
395.7995	45:20	45:18	2	0.912	48529	7873	1	2	7873	1.57(0.89-1.21)	
PCB-193 (C180)											RQM
393.8025	45:18	45:18	-1	0.912	76388	9452	6	15	1575		M
	Empc Correction				50955	8266	6	15	1378		
395.7995	45:20	45:18	2	0.912	48529	7873	1	2	7873	1.57(0.89-1.21)	
PCB-191											
393.8025	45:42						6	15			
395.7995	45:42						1	2			
PCB-170											
393.8025	46:36						6	15			
395.7995	46:36						1	2			
PCB-190											
393.8025	47:07						6	15			
395.7995	47:07						1	2			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-189											RQMU
393.8025	49:44						120	300			
395.7995	49:44						71	177			
PCB-202L											
439.8038	42:33	42:31	1	0.821	1342931	254139	47	117	5407		
441.8008	42:33	42:31	1	0.821	1504829	280915	109	272	2577	0.89(0.76-1.02)	
PCB-194L											
439.8038	51:48	51:47	1		1608223	296949	1464	3660	203		
441.8008	51:48	51:47	1		1747578	320921	1102	2755	291	0.92(0.76-1.02)	
PCB-205L											
439.8038	52:16	52:15	1	1.009	1955382	348554	1464	3660	238		
441.8008	52:16	52:15	1	1.009	2178613	383682	1102	2755	348	0.90(0.76-1.02)	
PCB-202											
427.7635	42:34						32	80			
429.7606	42:34						42	105			
PCB-201											
427.7635	43:29						32	80			
429.7606	43:29						42	105			
PCB-204											
427.7635	44:09	44:09	0	1.038	7240720	1498229	32	80	46820		
429.7606	44:09	44:09	0	1.038	8100505	1679395	42	105	39986	0.89(0.76-1.02)	
PCB-197											M
427.7635	44:23	44:22	0	1.043	69511	9956	32	80	311		M
429.7606	44:22	44:22	-2	1.043	71657	9522	42	105	227	0.97(0.76-1.02)	M
PCB-200											RQMa
427.7635	44:32	44:32	2	1.047	14348	1930	32	80	60		M
429.7606	44:32	44:32	2	1.047	19398	2452	42	105	58	0.74(0.76-1.02)	
	Empc Correction				16121	2168	42	105	52		
PCB-198											
427.7635	47:17						32	80			
429.7606	47:17						42	105			
PCB-199 (C198)											
427.7635	47:17						32	80			
429.7606	47:17						42	105			
PCB-196											
427.7635	47:57						32	80			
429.7606	47:57						42	105			
PCB-203											
427.7635	48:09						32	80			
429.7606	48:09						42	105			
PCB-195											
427.7635	49:27						29	72			
429.7606	49:27						32	80			
PCB-194											RQMa
427.7635	51:50	51:47	1	0.992	1414	452	29	72	16		M
429.7606	51:47	51:47	-2	0.991	2513	567	32	80	18	0.56(0.76-1.02)	M
	Empc Correction				1588	507	32	80	16		

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-205											RQM
427.7635	52:19	52:19	1	1.001	2442	611	29	72	21		M
429.7606	52:17	52:19	0	1.000	3971	808	32	80	25	0.61(0.76-1.02)	M
	Empc Correction				2743	686	32	80	21		
PCB-208L											
473.7648	49:13	49:12	0	0.950	1598037	291855	1357	3392	215		
475.7619	49:14	49:12	1	0.950	2061089	377553	1421	3552	266	0.78(0.65-0.89)	
PCB-206L											
473.7648	54:02	54:00	1	1.043	1253601	229364	1357	3392	169		
475.7619	54:01	54:00	1	1.043	1550599	285809	1421	3552	201	0.81(0.65-0.89)	
PCB-208											
461.7246	49:13						45	112			
463.7216	49:13						211	527			
PCB-207											M
461.7246	50:10	50:10	1	1.019	46122	8957	45	112	199		M
463.7216	50:10	50:10	1	1.019	64173	11460	211	527	54	0.72(0.65-0.89)	M
PCB-206											
461.7246	54:02						45	112			
463.7216	54:02						211	527			
PCB-209L											
507.7258	55:40	55:38	1	1.075	1249410	206873	28	70	7388		
509.7229	55:40	55:38	1	1.075	1706479	293766	73	182	4024	0.73(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:41	55:40	1	1.000	46900	8033	7	17	1148		
497.6826	55:41	55:40	1	1.000	62154	10655	24	60	444	0.75(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

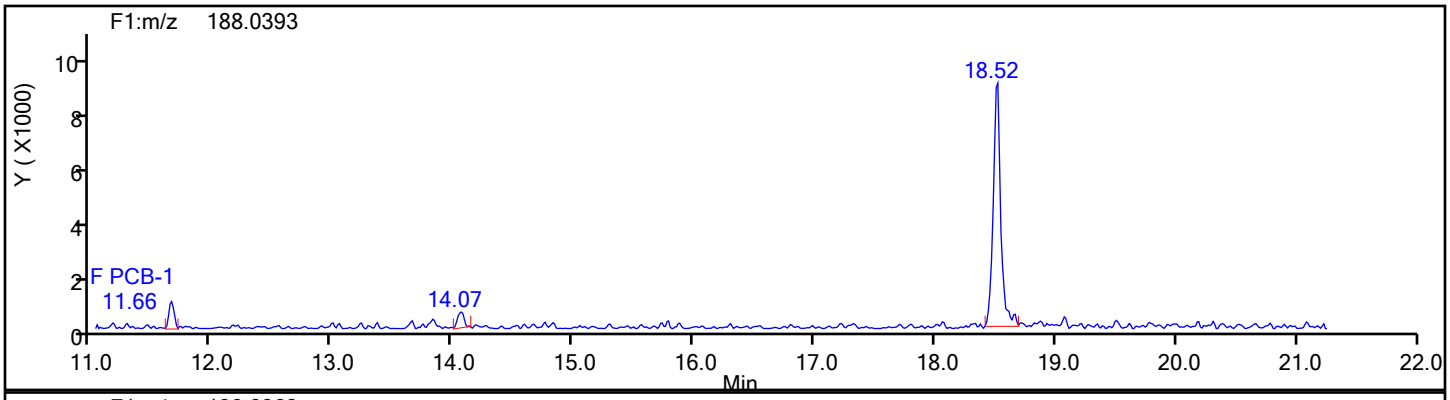
Report Date: 04-Jan-2024 20:01:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

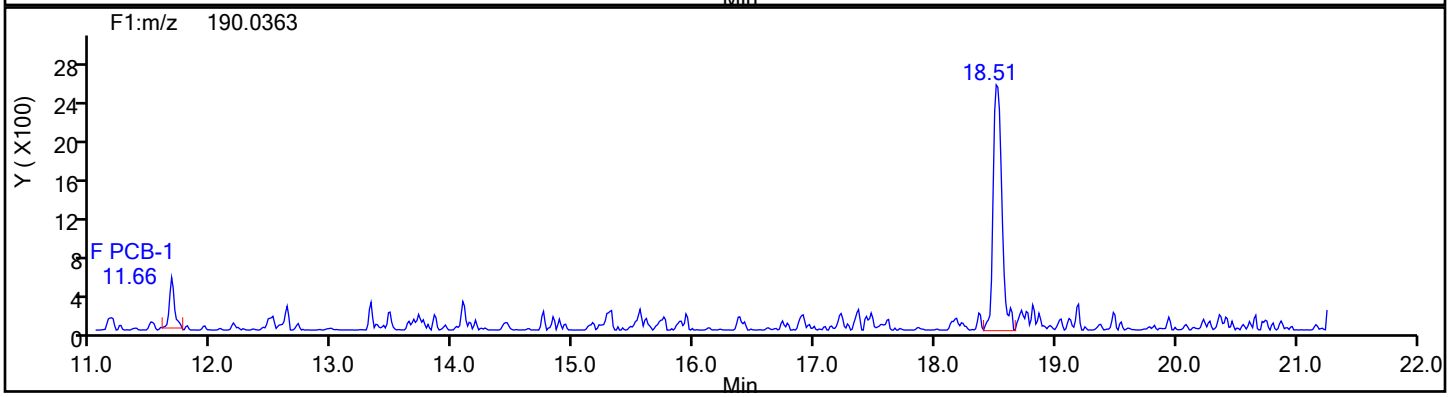
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

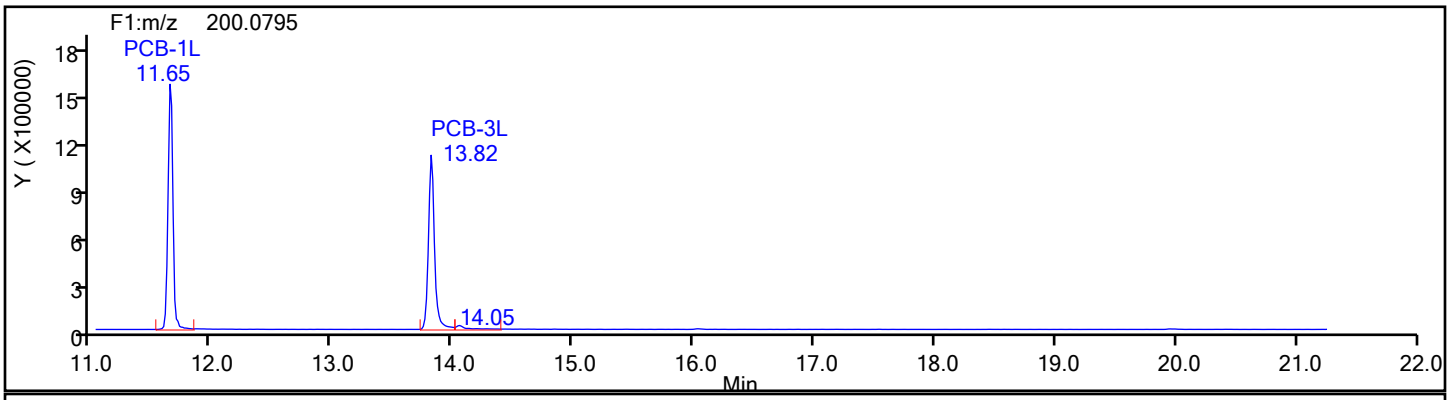
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

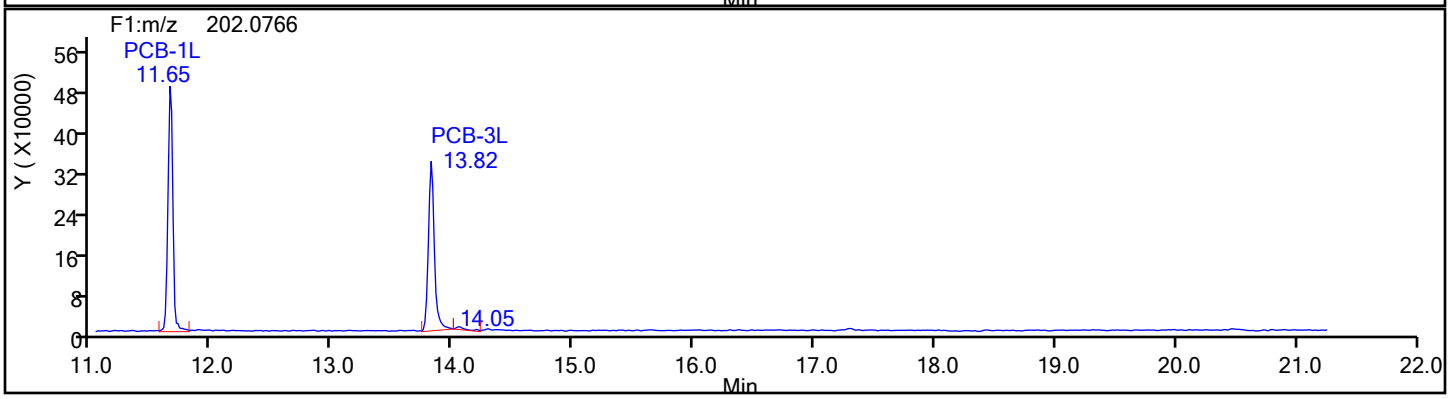
MoPCB F1





MoPCB F1 Standards



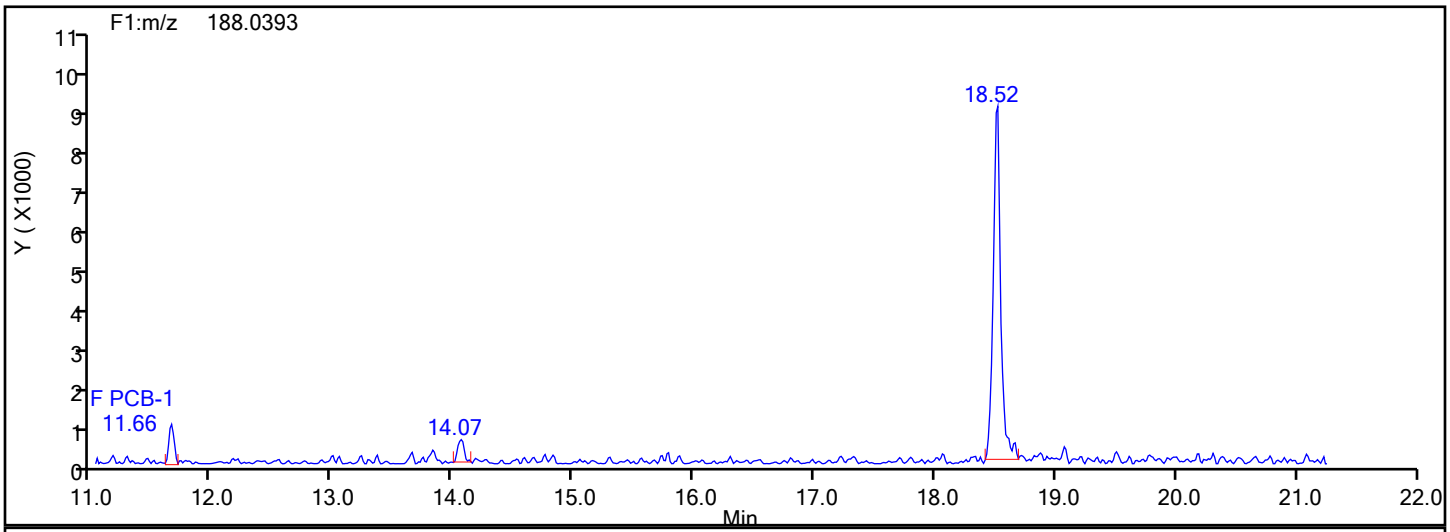


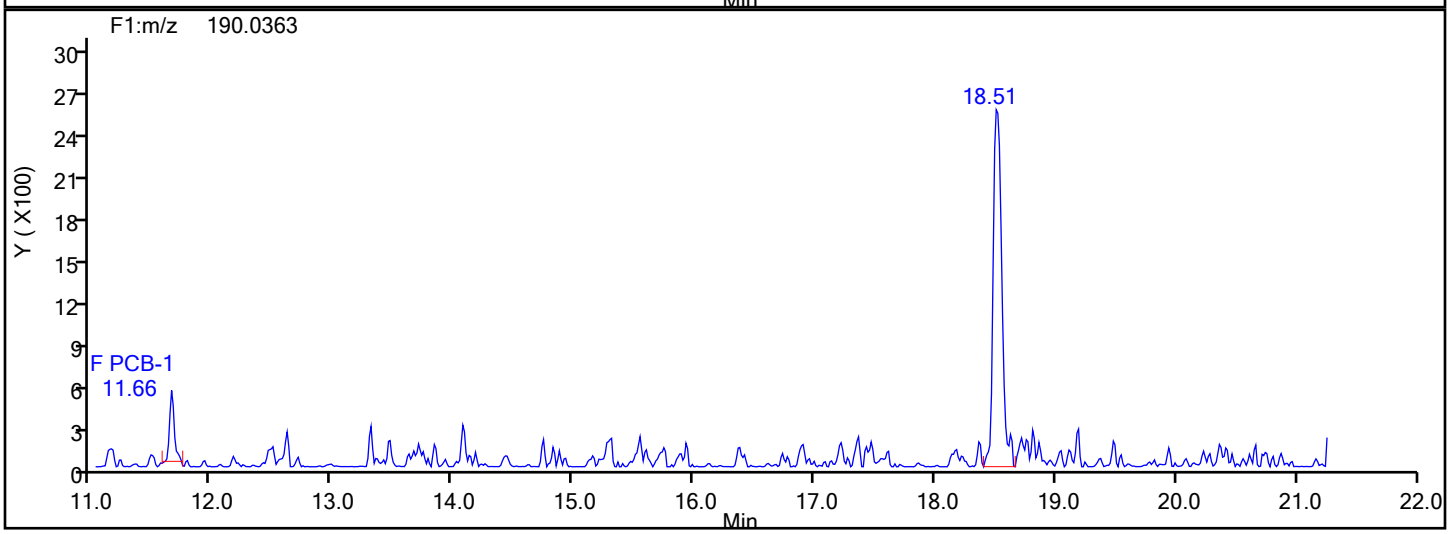
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

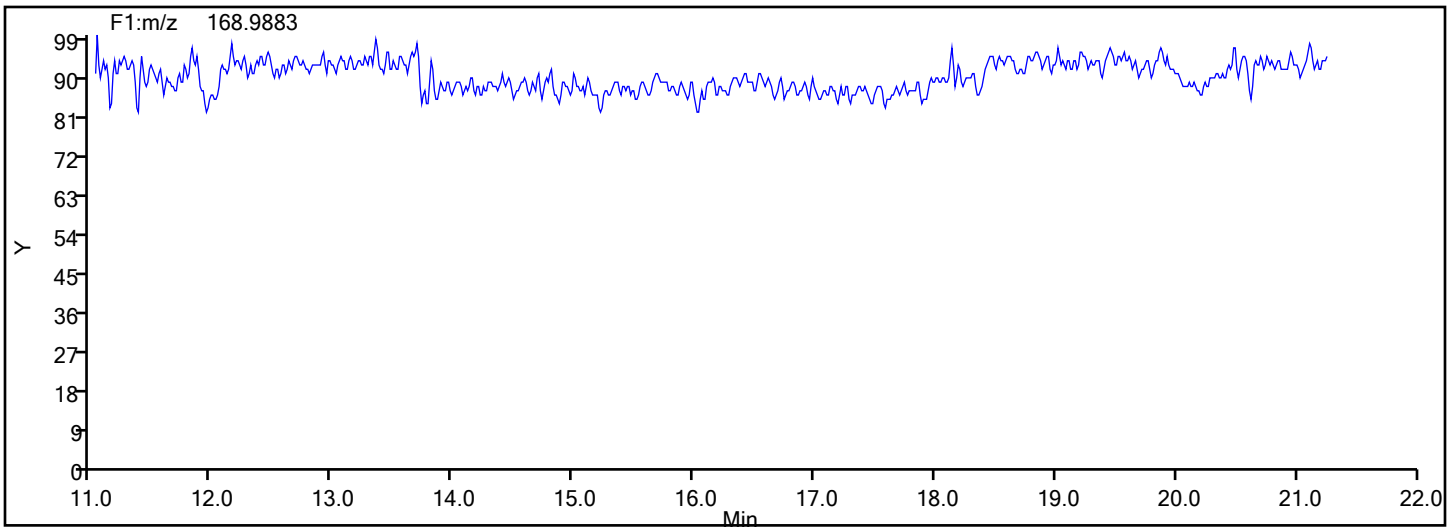
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-01-DUP
Worklist#: 82009 Sample Line#: 6
Column Type: Column Dia:

MoPCB F1





MoPCB F1 Lock Mass



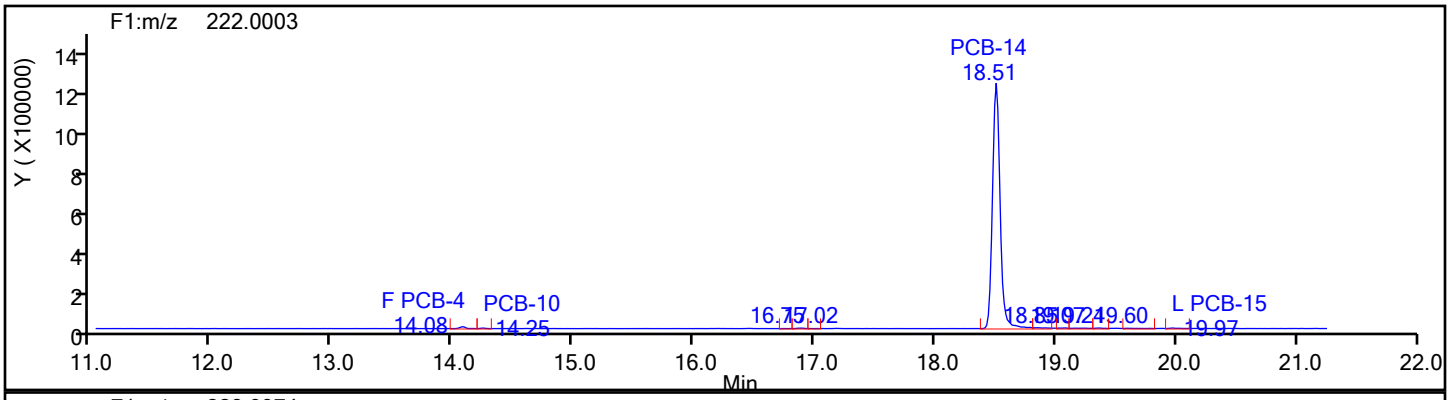
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

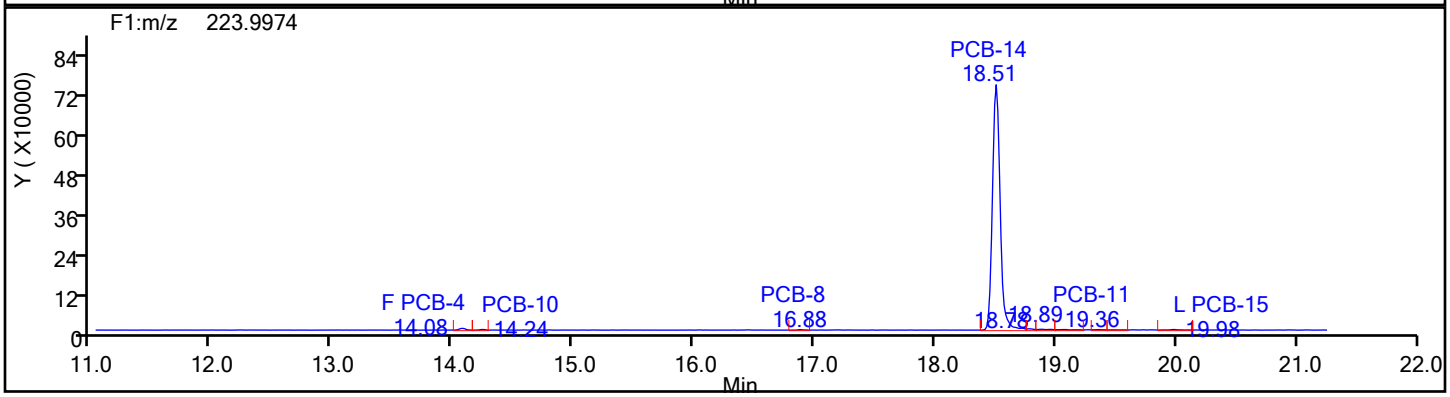
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

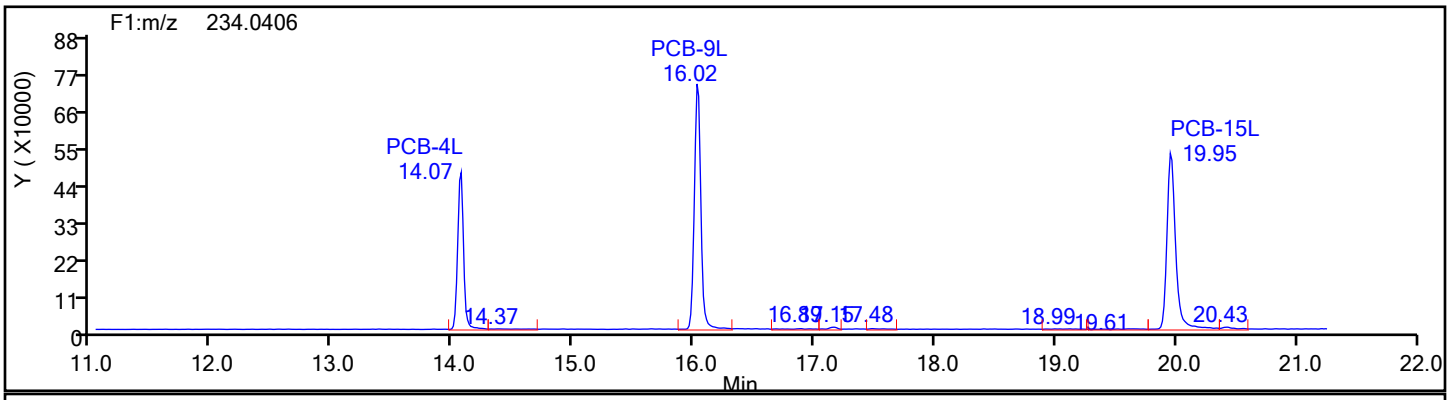
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

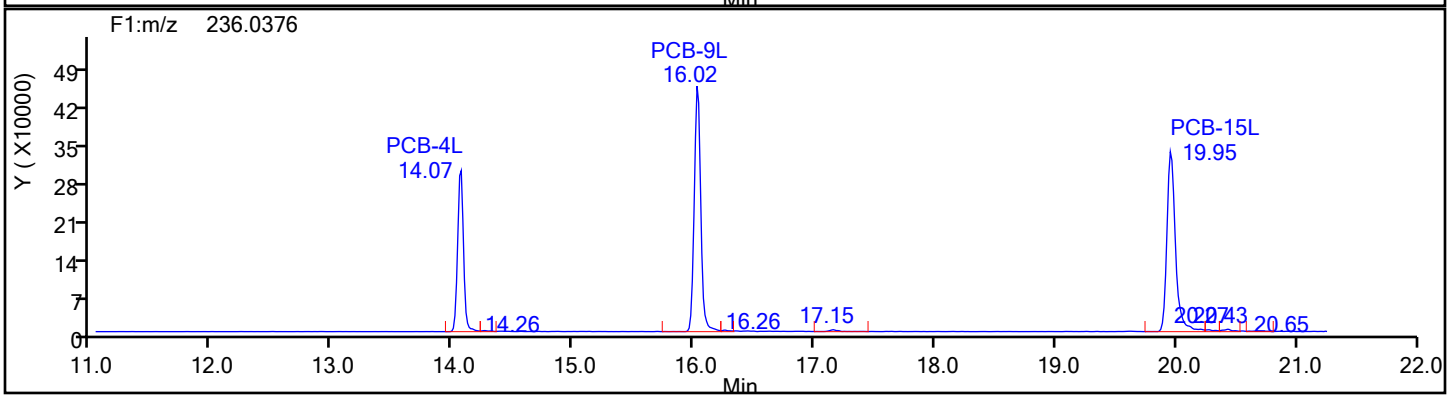
DiPCB F1





DiPCB F1 Standards



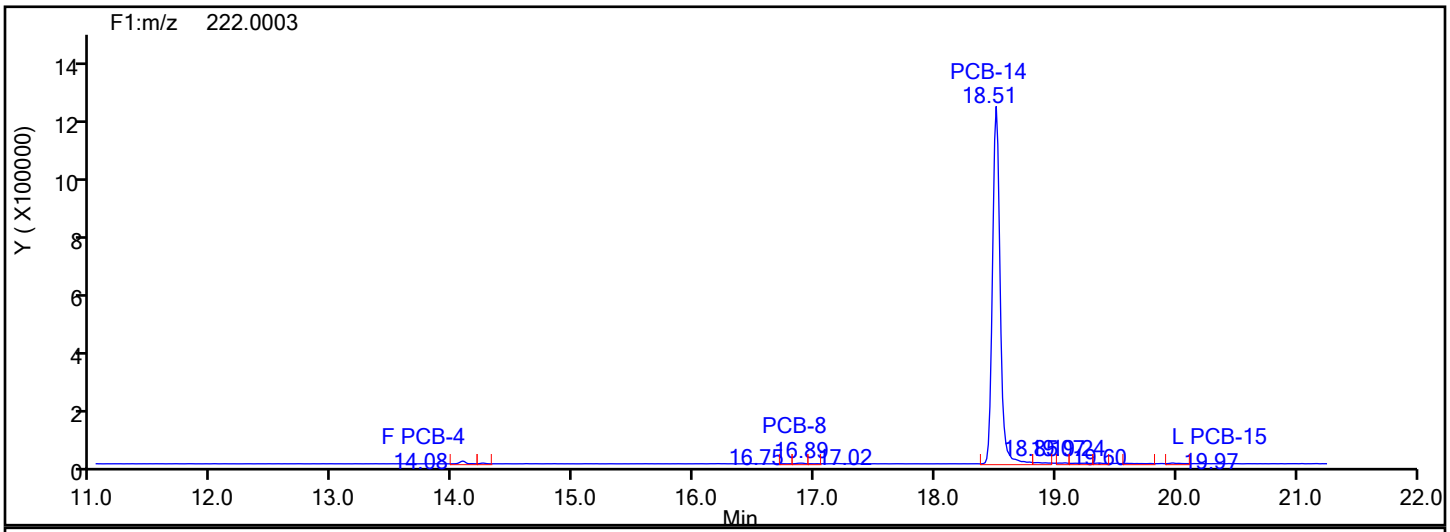


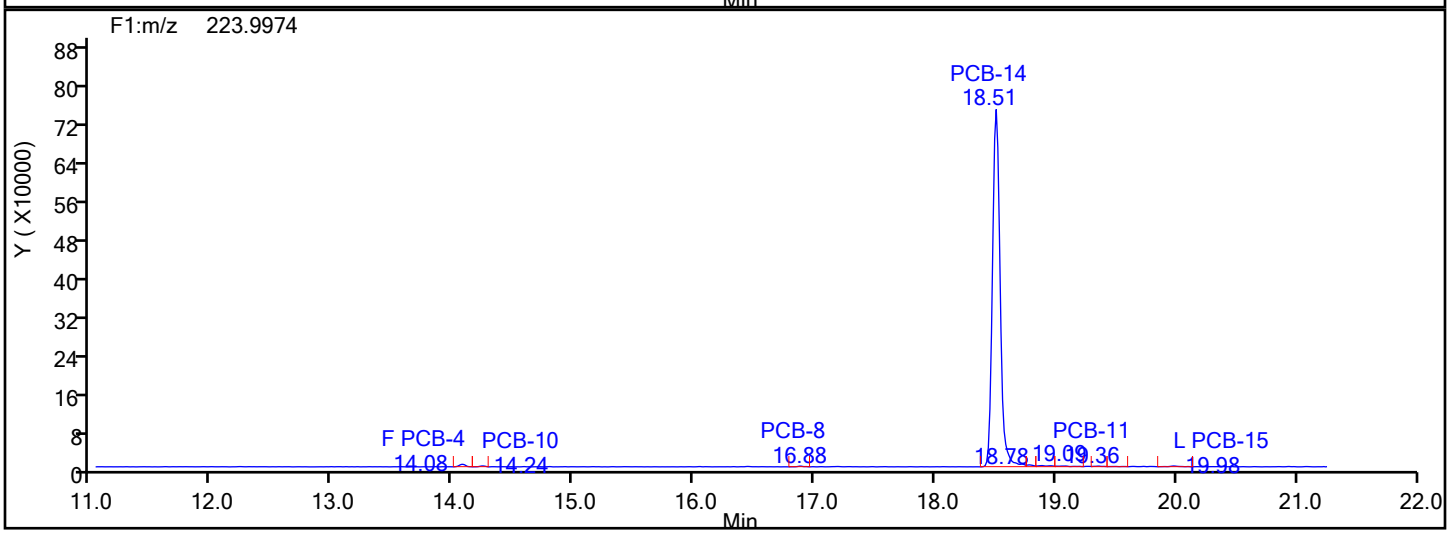
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

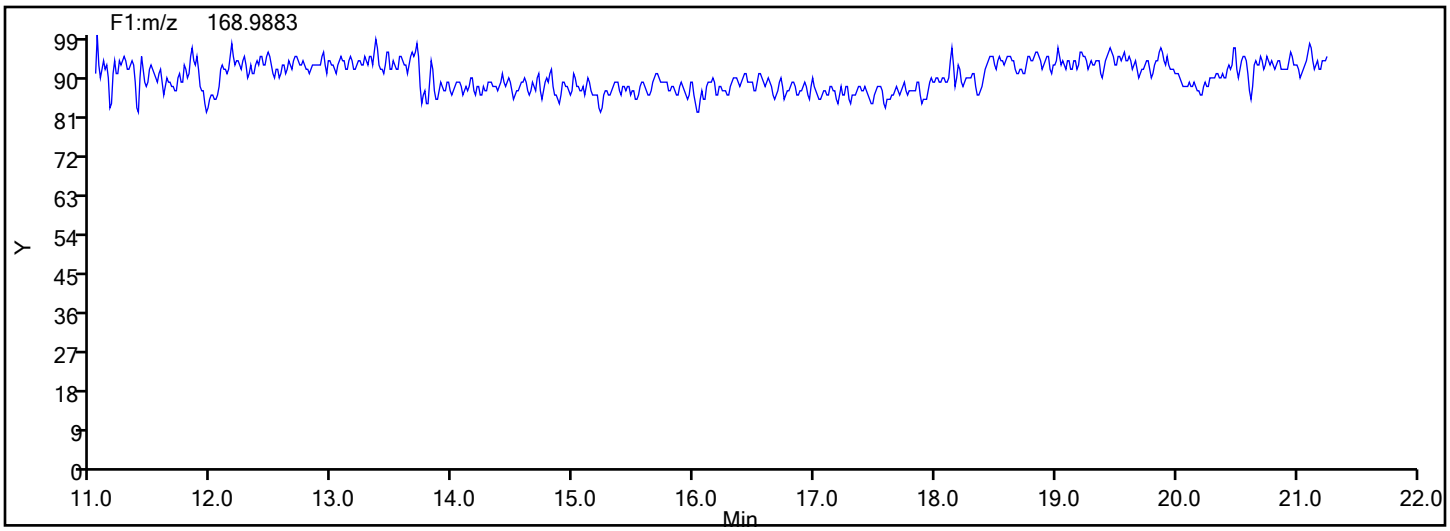
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

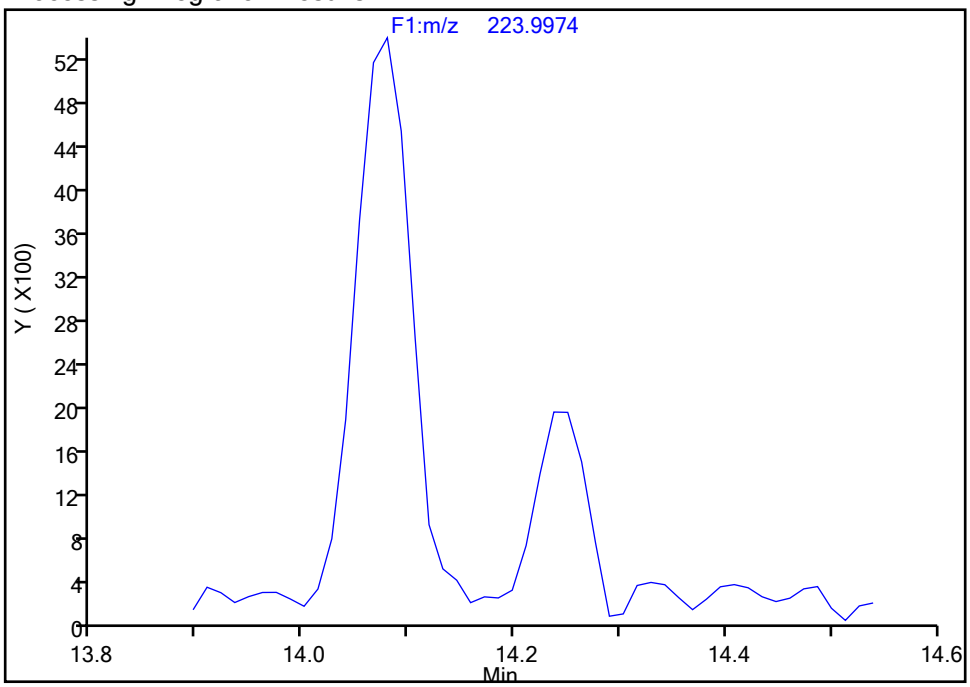
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-10, CAS: 33146-45-1

Signal: 2

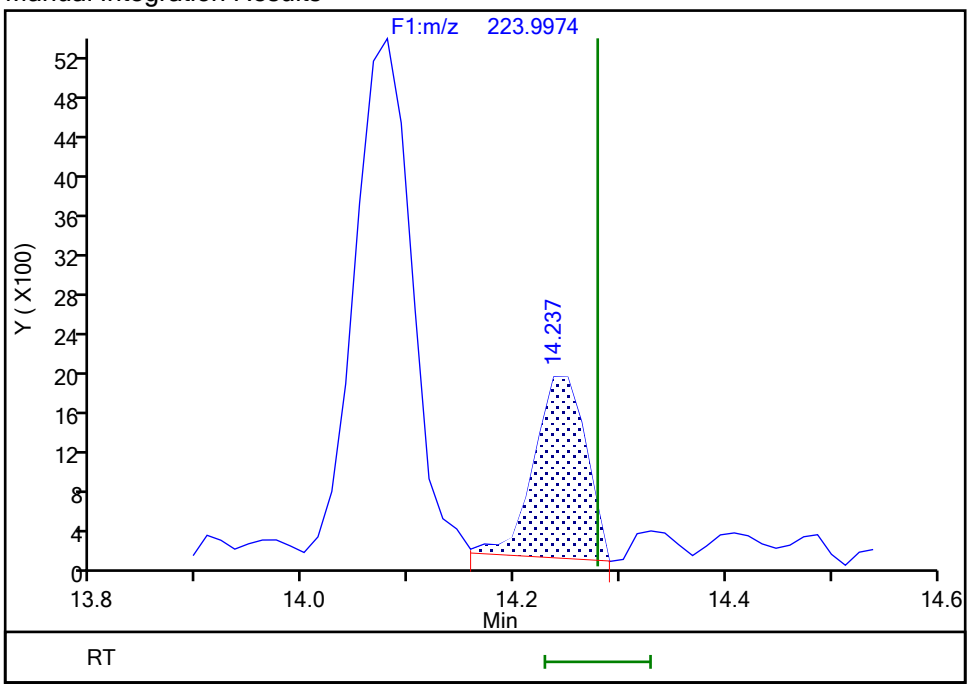
Not Detected
Expected RT: 14.28

Processing Integration Results



Manual Integration Results

RT: 14.24
Area: 6267
Amount: 0.335716
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:42:06 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

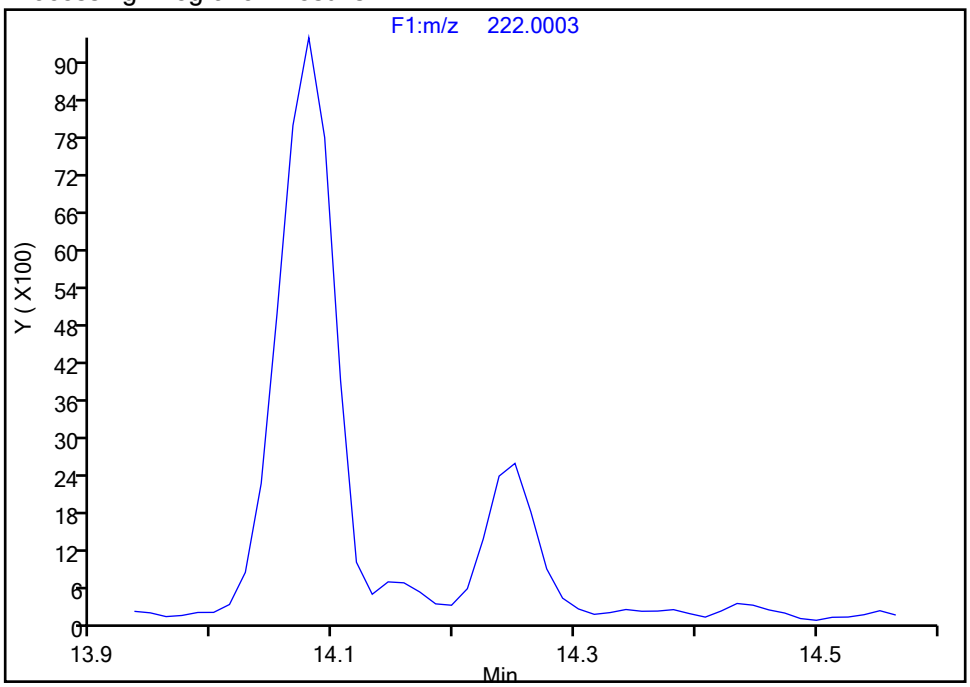
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-10, CAS: 33146-45-1

Signal: 1

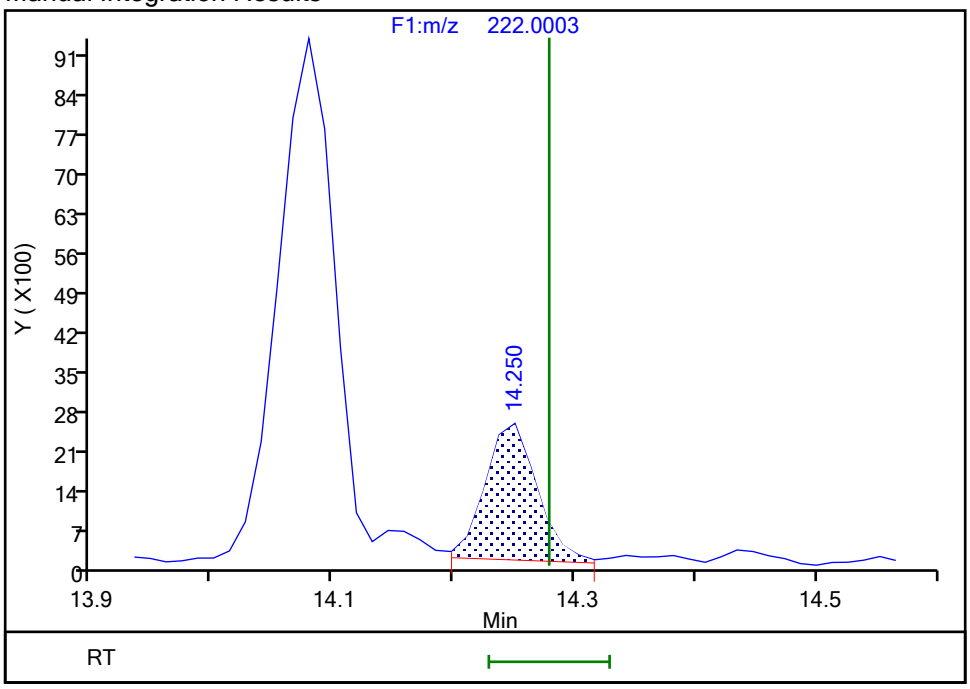
Not Detected
Expected RT: 14.28

Processing Integration Results



Manual Integration Results

RT: 14.25
Area: 7198
Amount: 0.335716
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:42:06 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

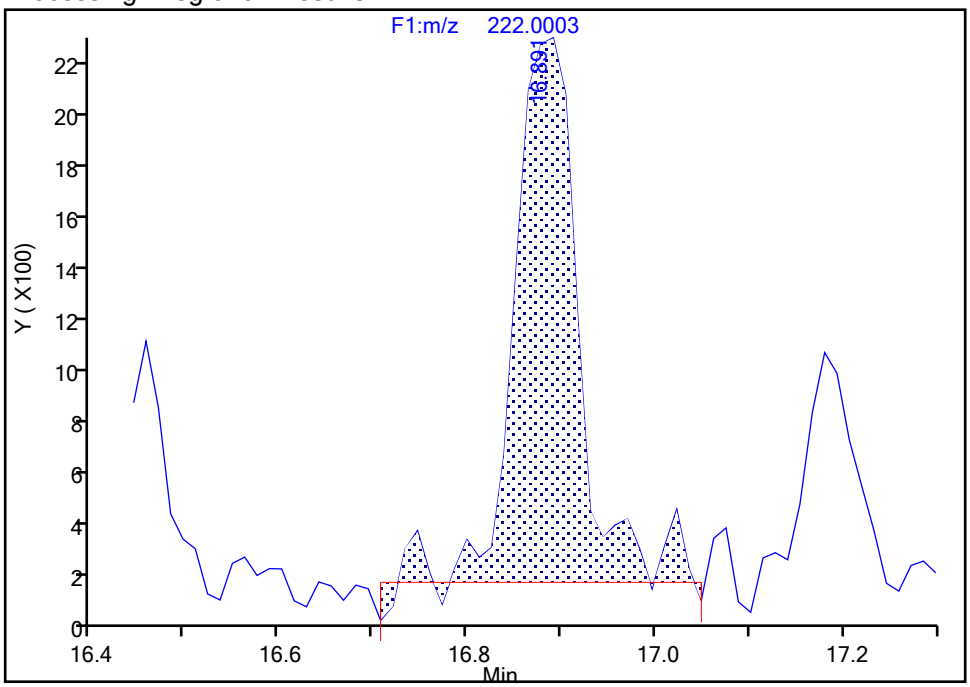
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-8, CAS: 34883-43-7

Signal: 1

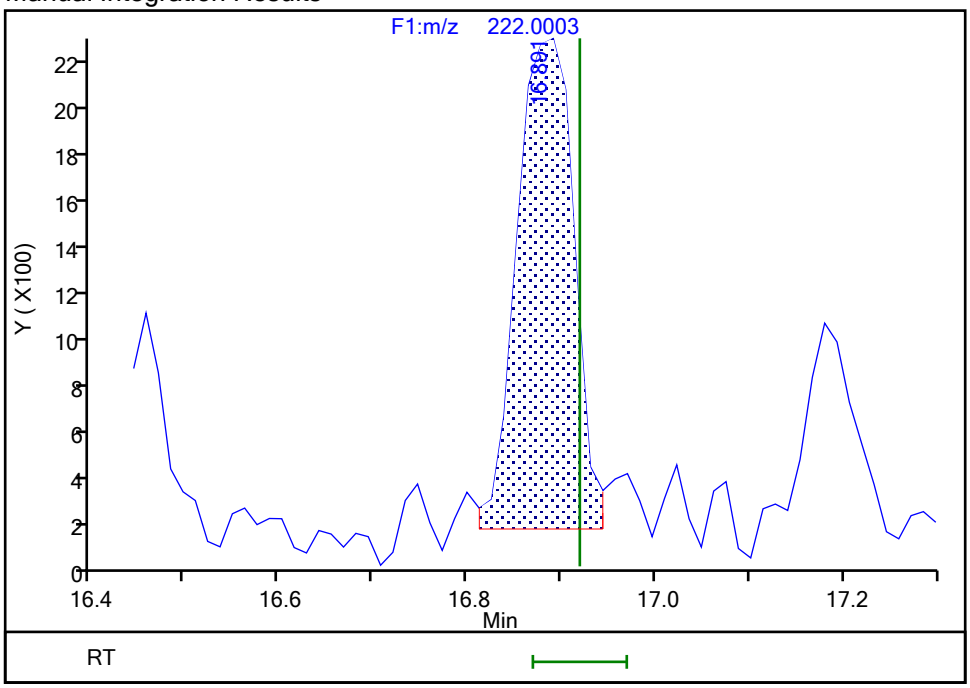
Processing Integration Results

RT: 16.89
Area: 9862
Amount: 0.294373
Amount Units: pg/ul



Manual Integration Results

RT: 16.89
Area: 8756
Amount: 0.273443
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:42:42 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

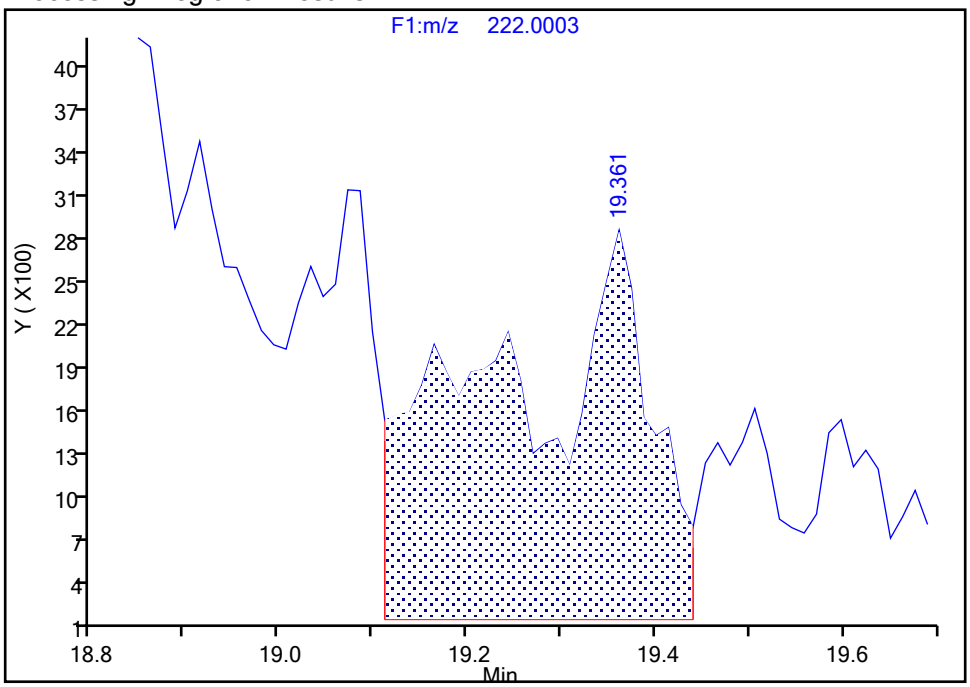
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 1

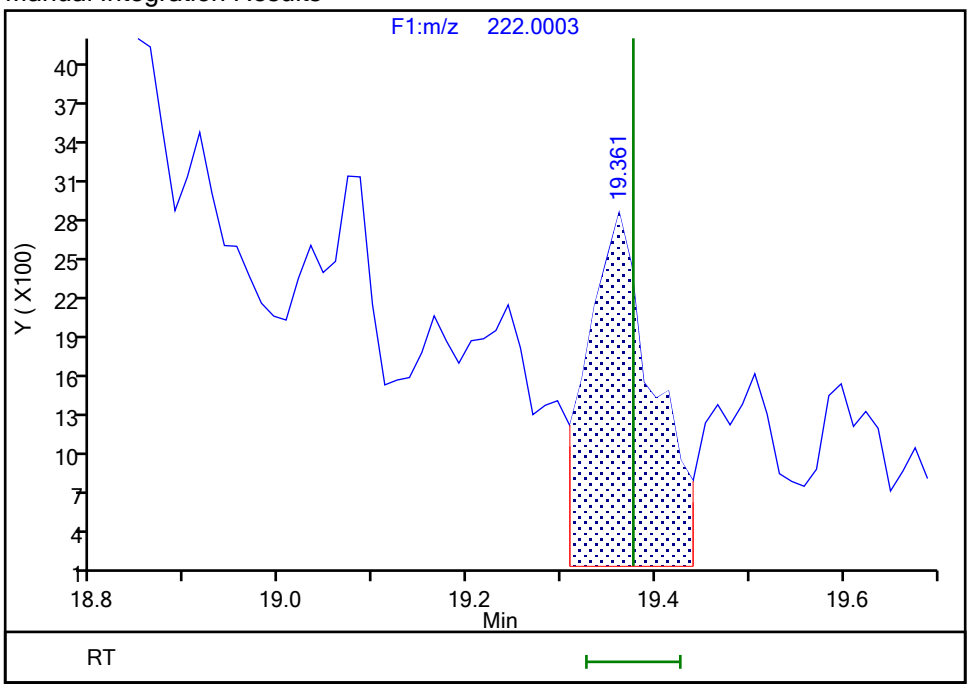
Processing Integration Results

RT: 19.36
Area: 31318
Amount: 0.873377
Amount Units: pg/ul



Manual Integration Results

RT: 19.36
Area: 12906
Amount: 0.401241
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:42:46 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

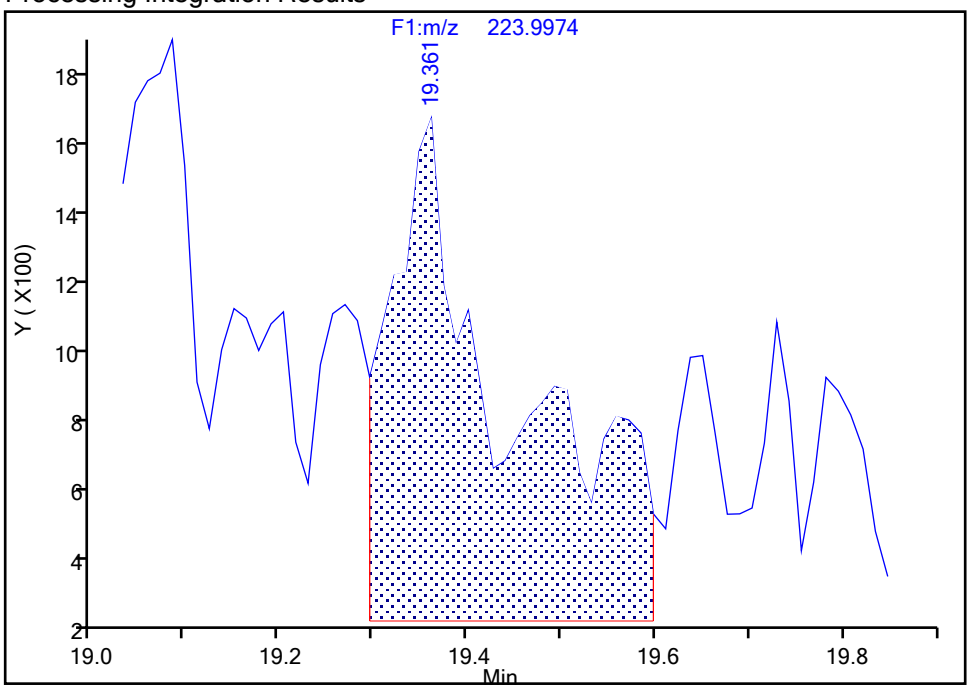
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 2

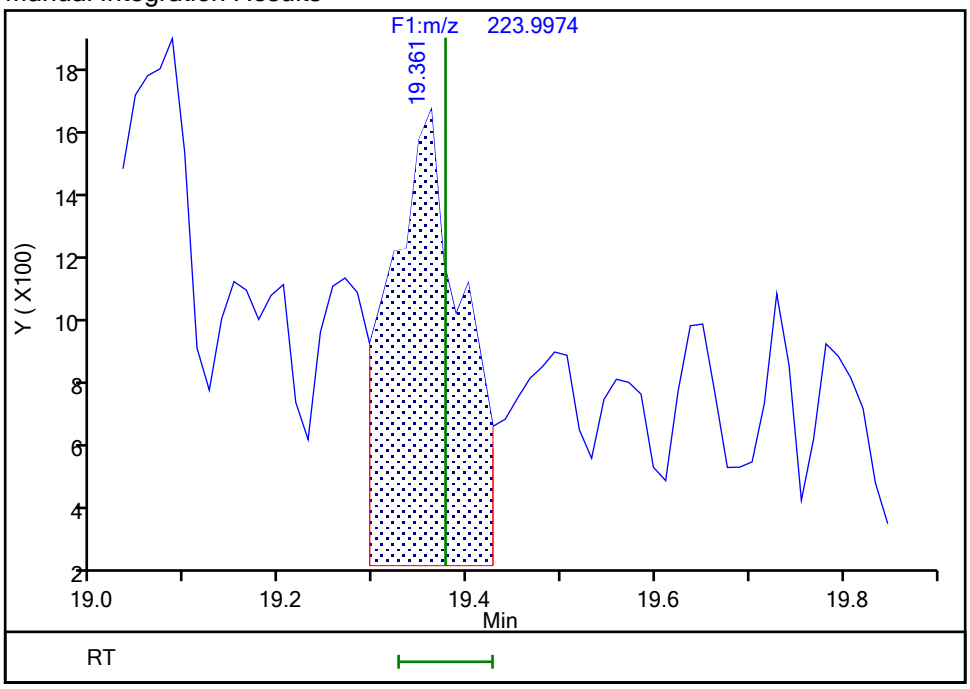
Processing Integration Results

RT: 19.36
Area: 12440
Amount: 0.873377
Amount Units: pg/ul



Manual Integration Results

RT: 19.36
Area: 7197
Amount: 0.401241
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:42:48 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

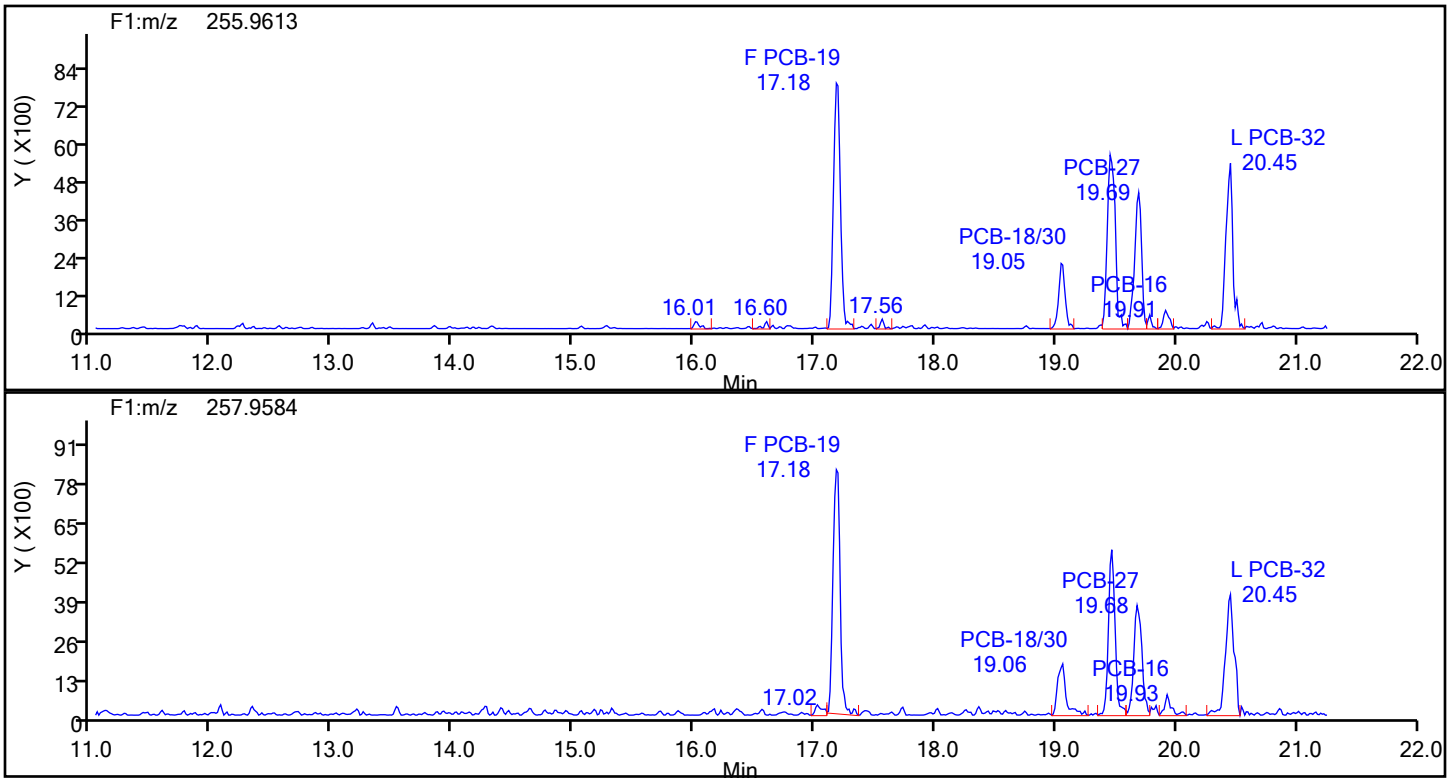
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

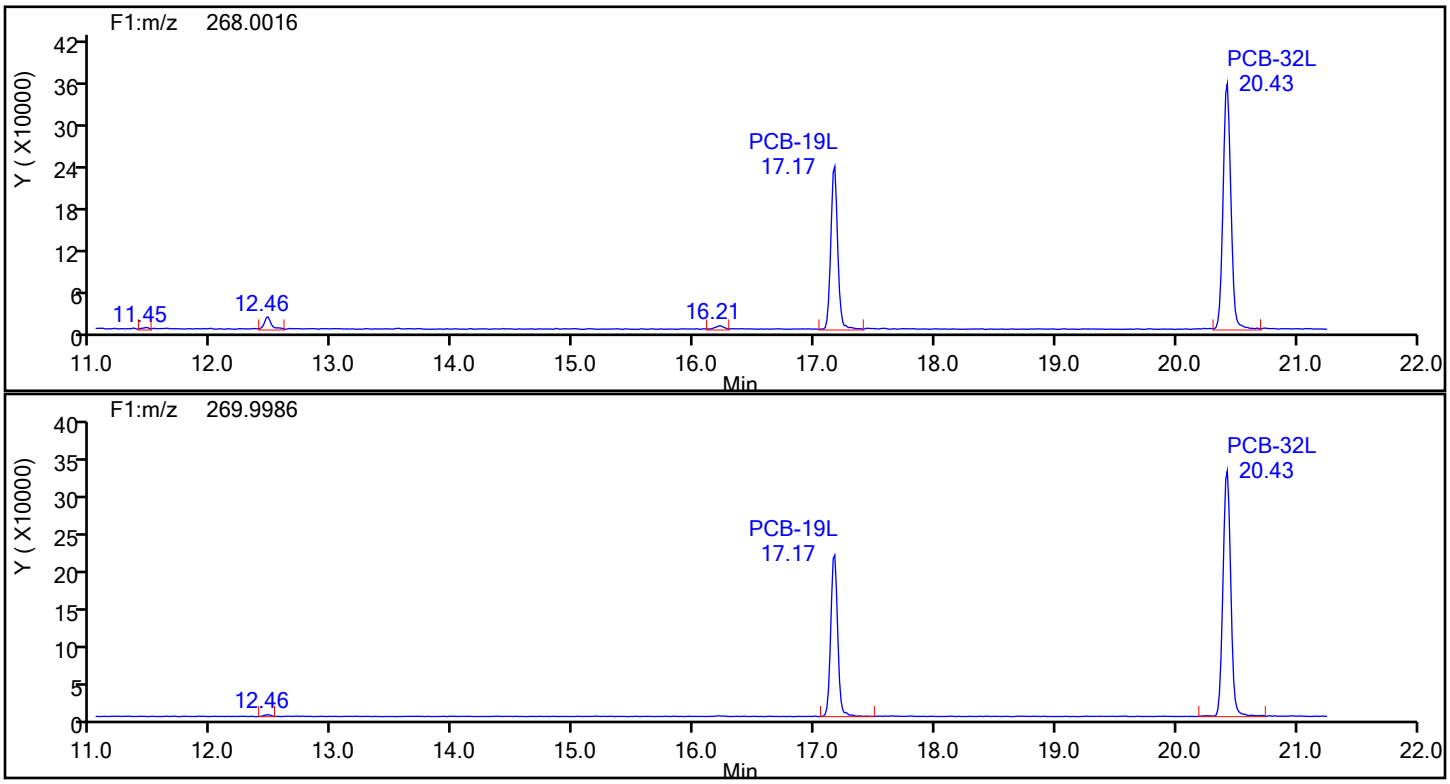
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

TriPCB F1



TriPCB F1 Standards

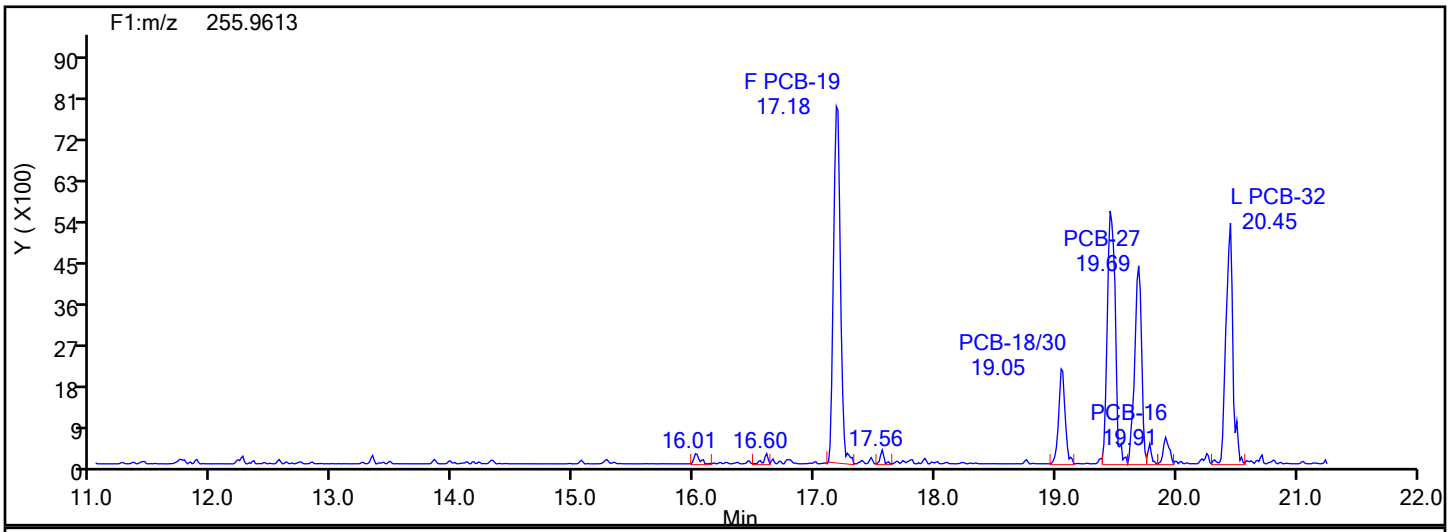


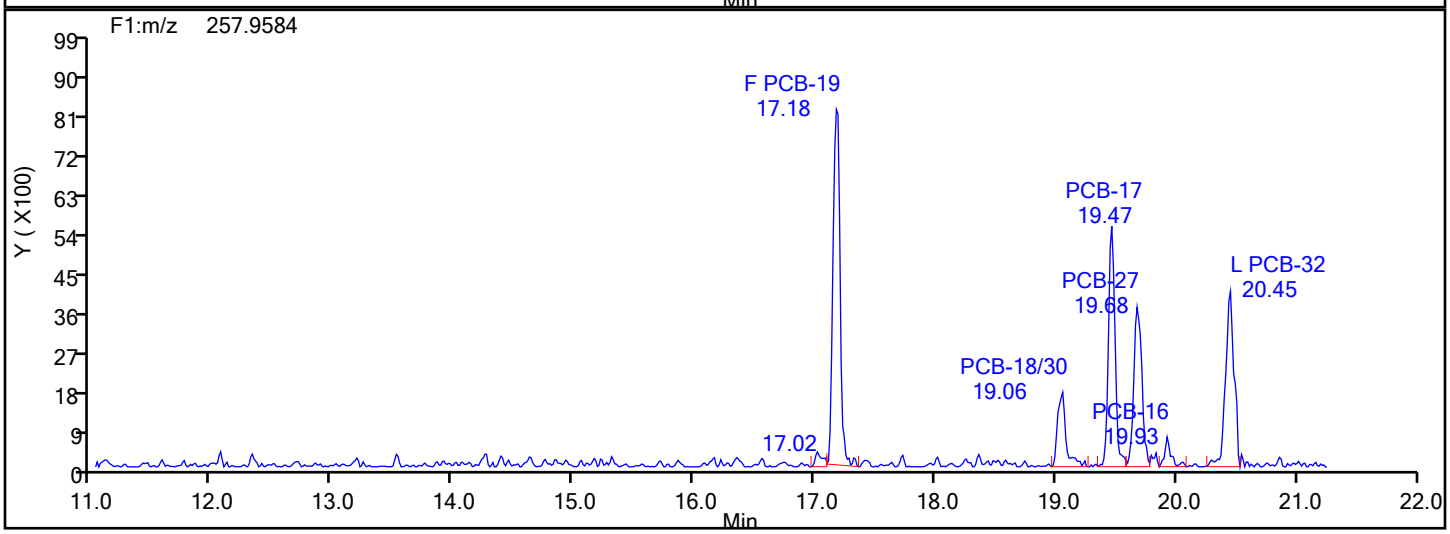
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

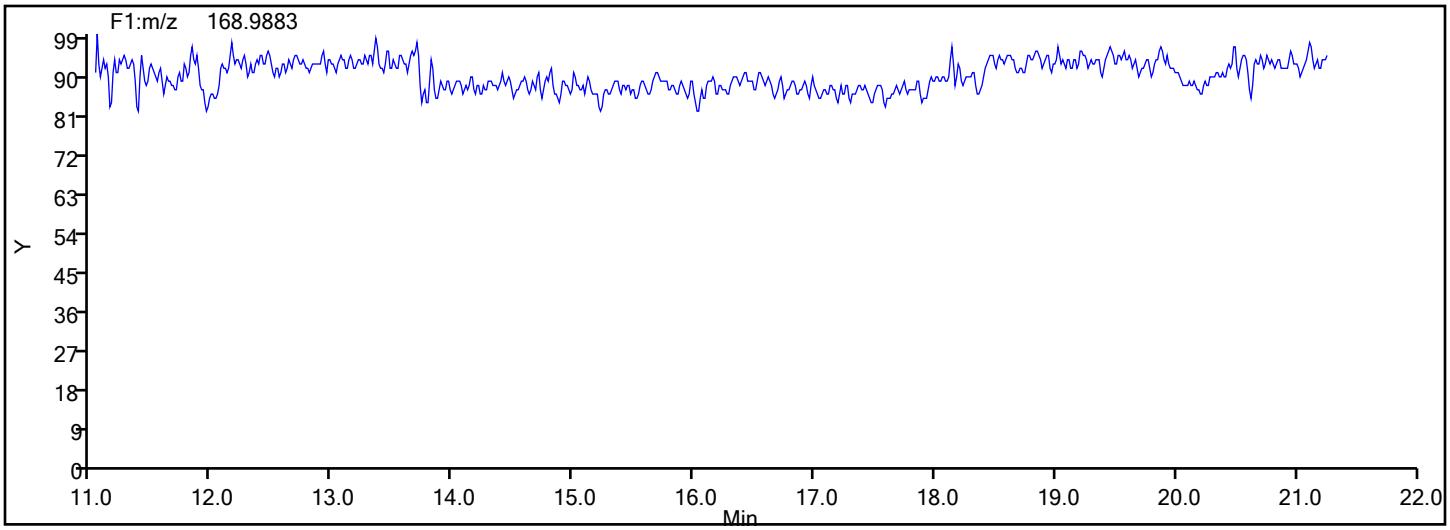
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-01-DUP
Worklist#: 82009 Sample Line#: 6
Column Type: Column Dia:

TriPCB F1





TriPCB F1 Lock Mass

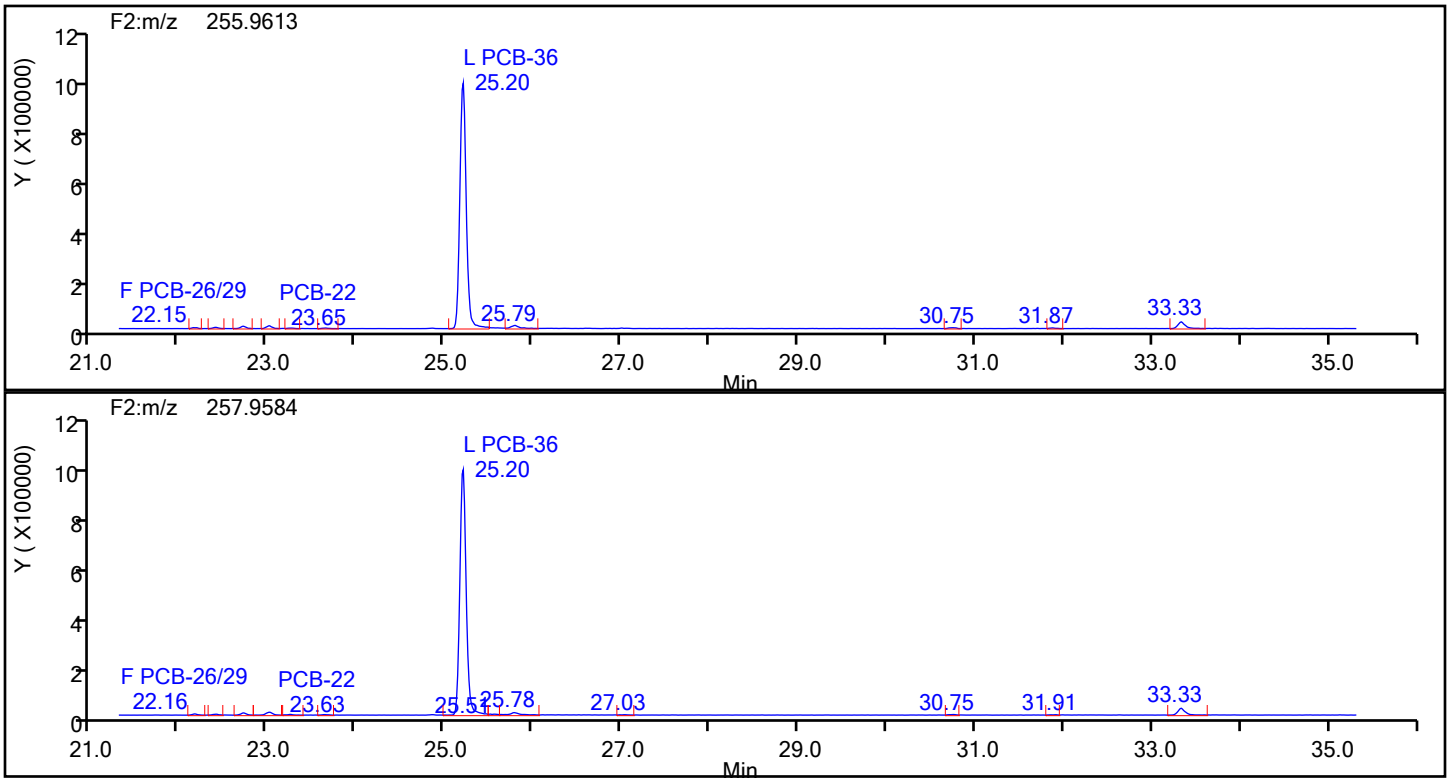


Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

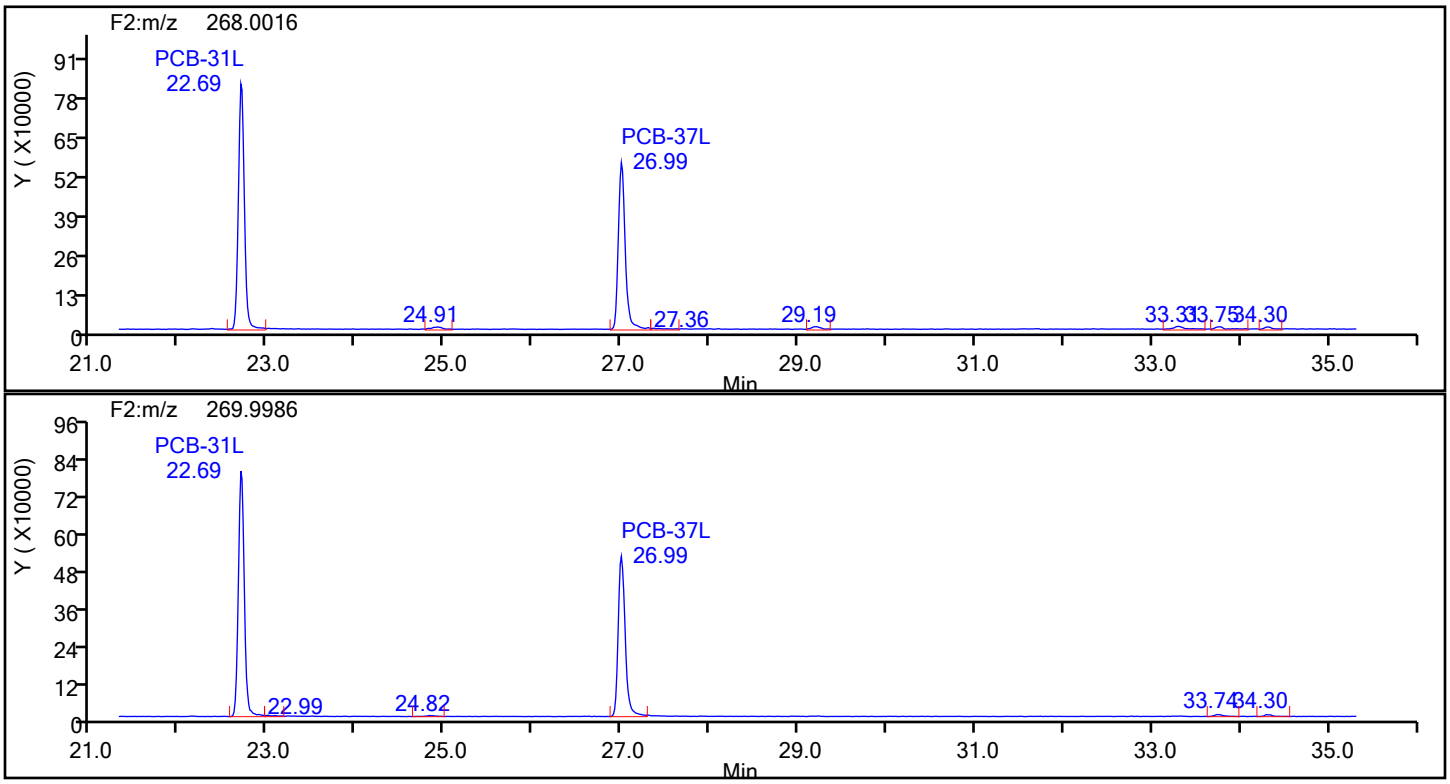
Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

TriPCB F2



TriPCB F2 Standards

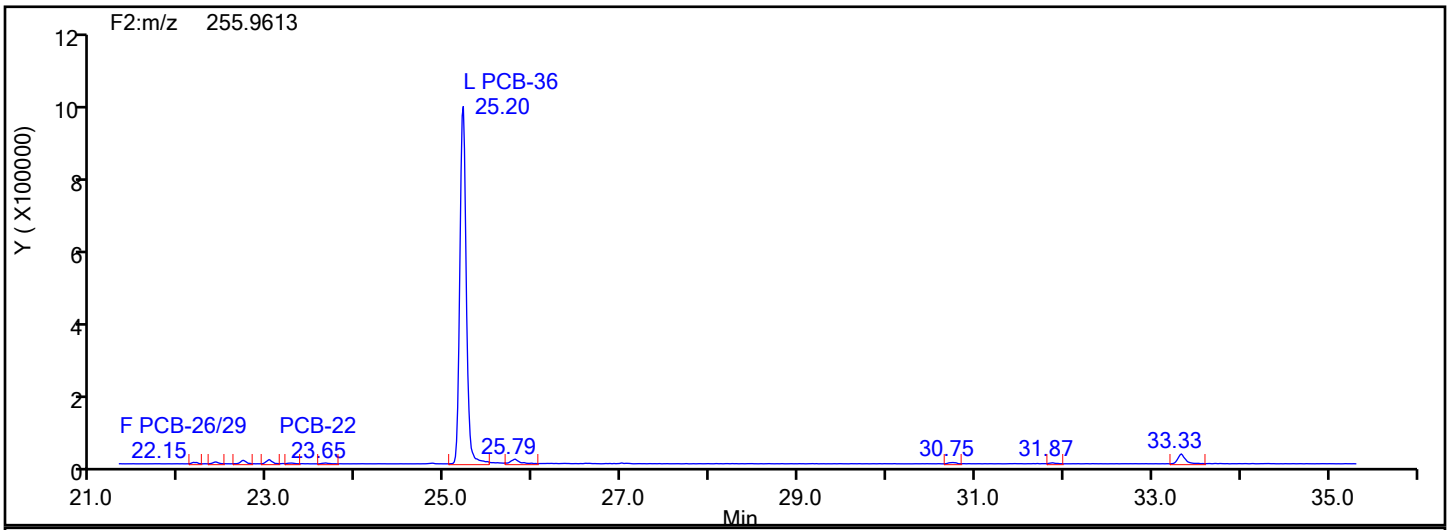


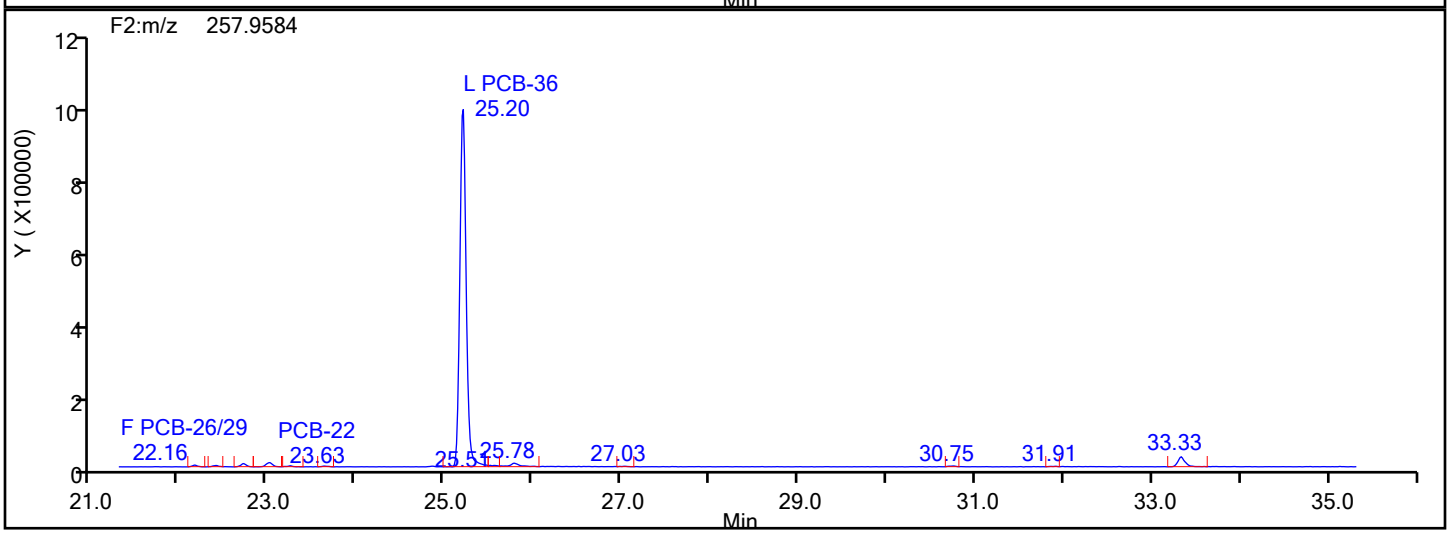
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

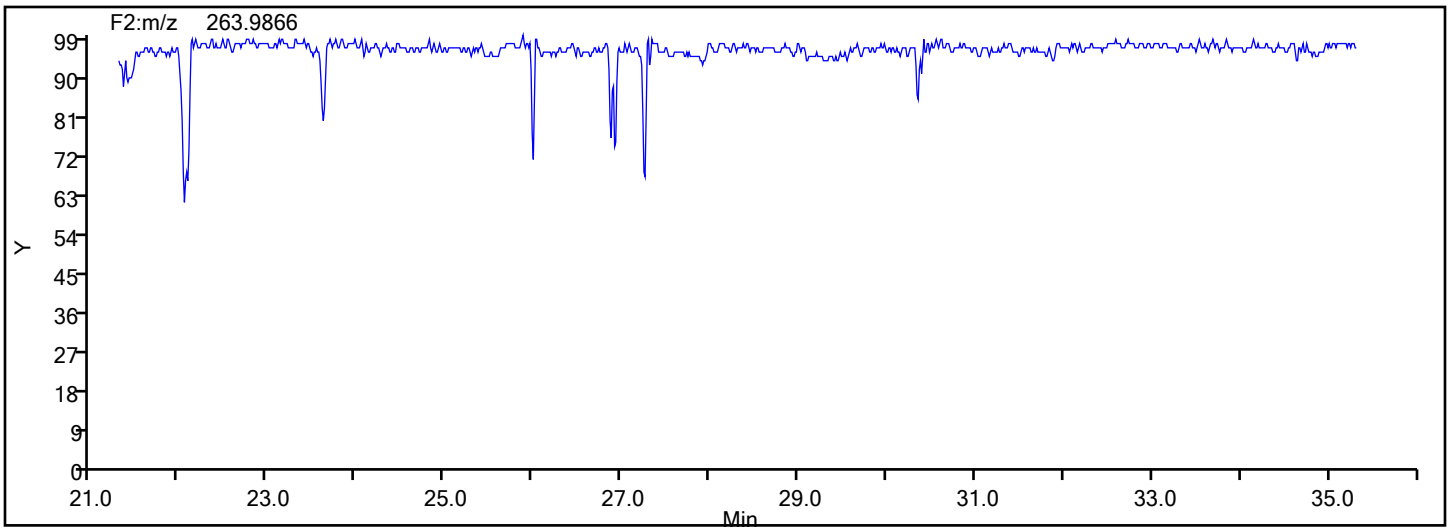
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-01-DUP
Worklist#: 82009 Sample Line#: 6
Column Type: Column Dia:

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

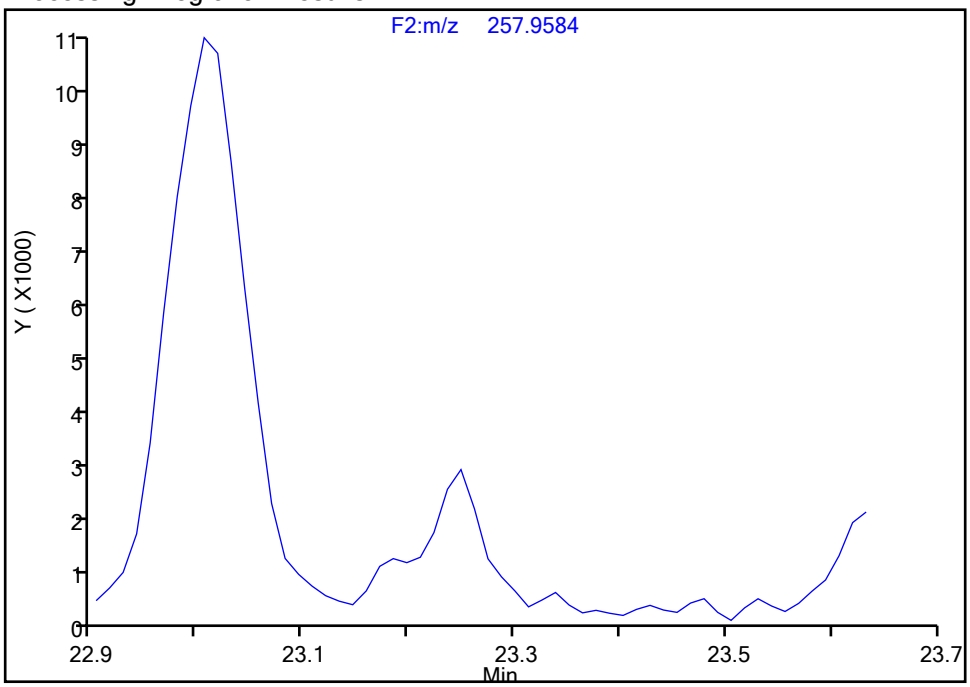
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-21/33, CAS: STL01800

Signal: 2

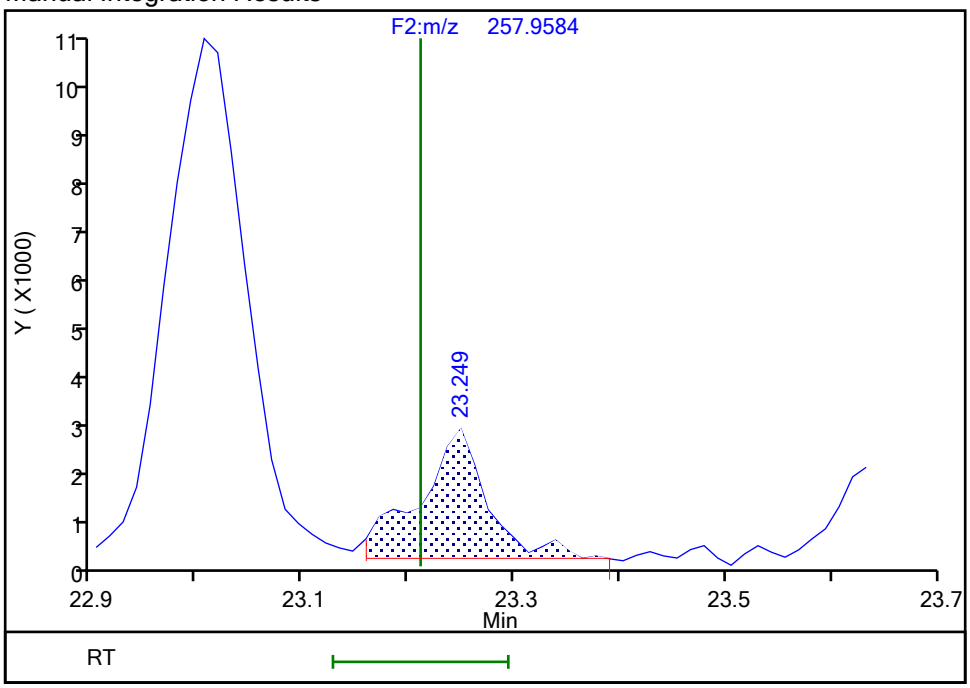
Not Detected
Expected RT: 23.21

Processing Integration Results



Manual Integration Results

RT: 23.25
Area: 12072
Amount: 0.318607
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:43:27 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

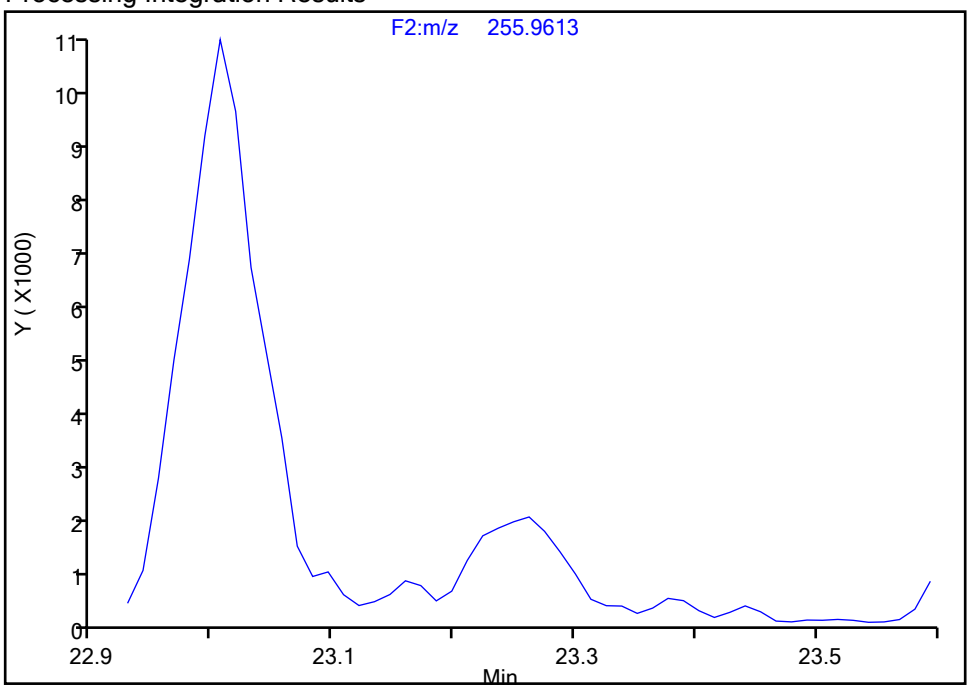
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-21/33, CAS: STL01800

Signal: 1

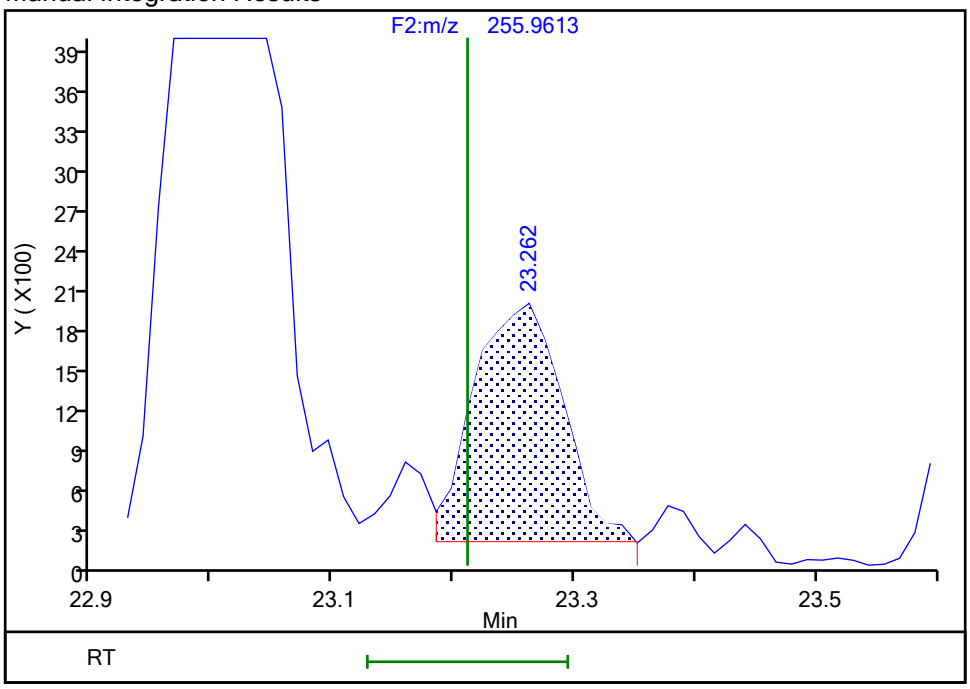
Not Detected
Expected RT: 23.21

Processing Integration Results



Manual Integration Results

RT: 23.26
Area: 9085
Amount: 0.318607
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:43:27 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

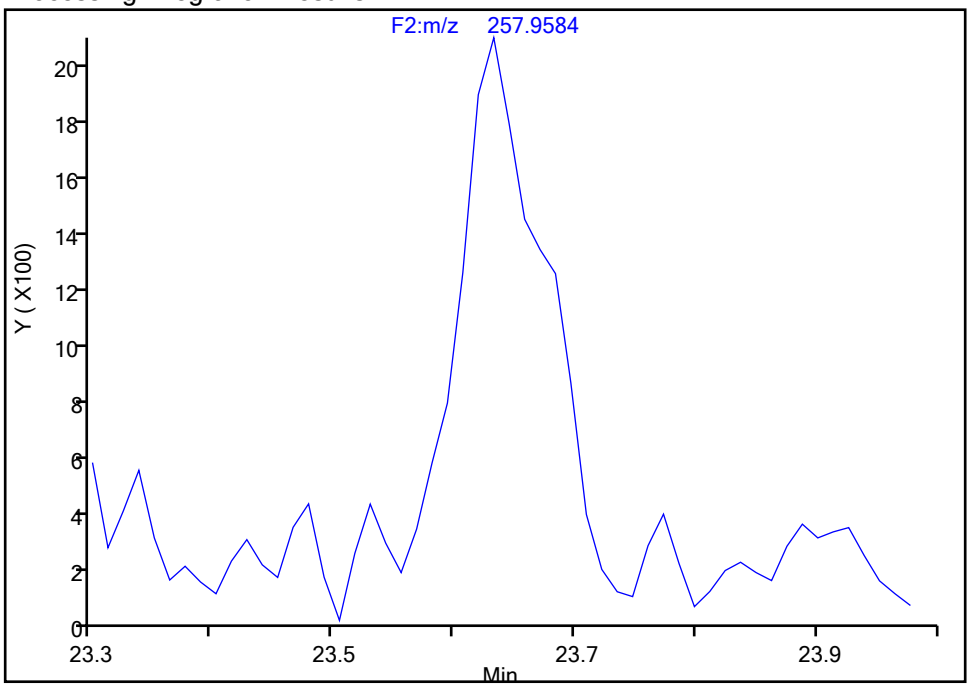
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-22, CAS: 38444-85-8

Signal: 2

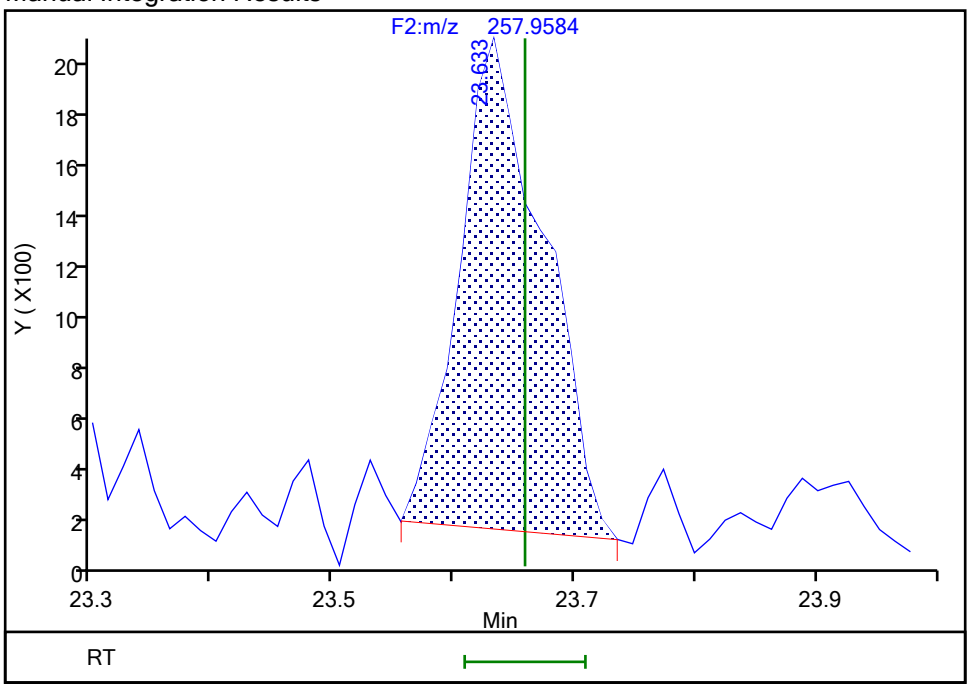
Not Detected
Expected RT: 23.66

Processing Integration Results



Manual Integration Results

RT: 23.63
Area: 9202
Amount: 0.279495
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:43:34 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

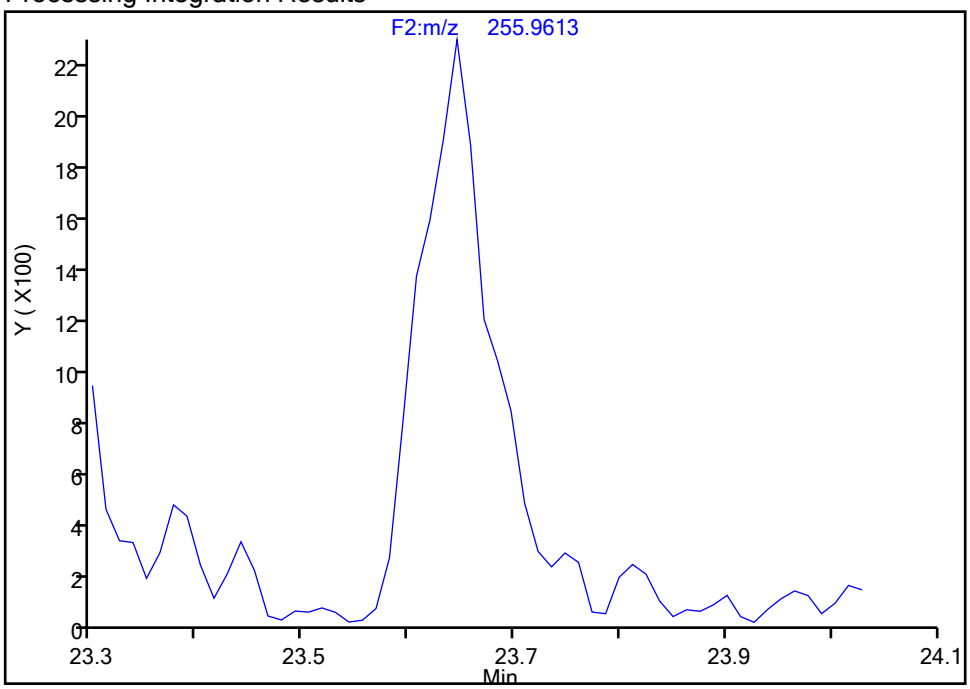
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Instrument ID: D2D
Lims ID: 140-34509-A-2-B Lab Sample ID: 140-34509-2
Client ID: PW-01-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-22, CAS: 38444-85-8

Signal: 1

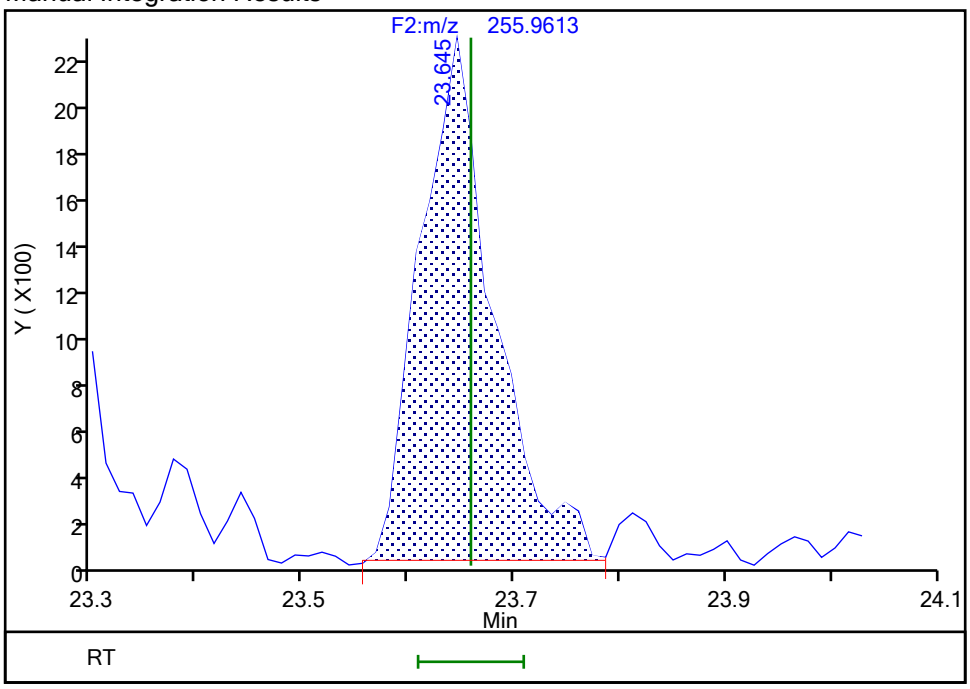
Not Detected
Expected RT: 23.66

Processing Integration Results



Manual Integration Results

RT: 23.65
Area: 10649
Amount: 0.279495
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:43:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

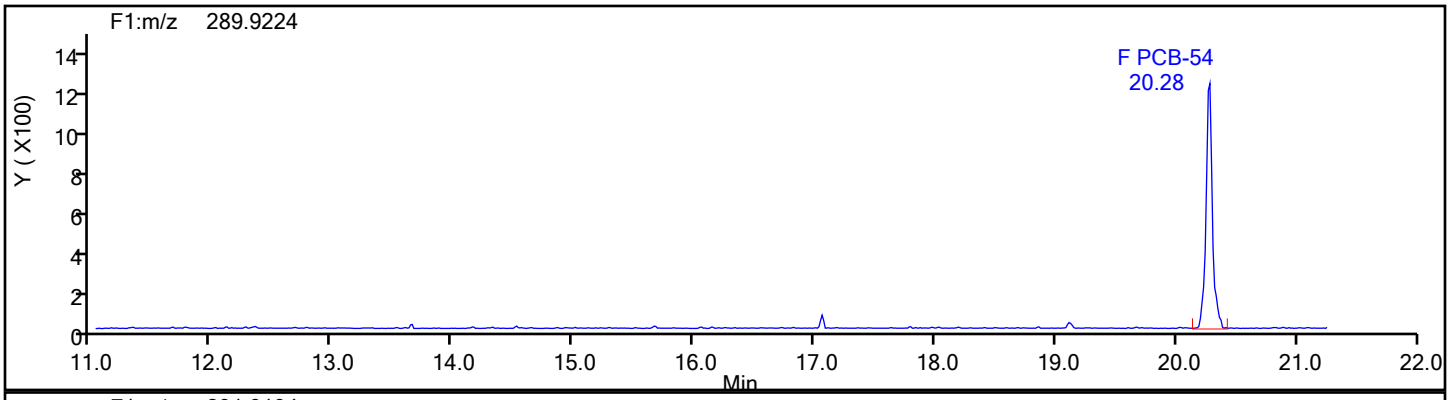
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

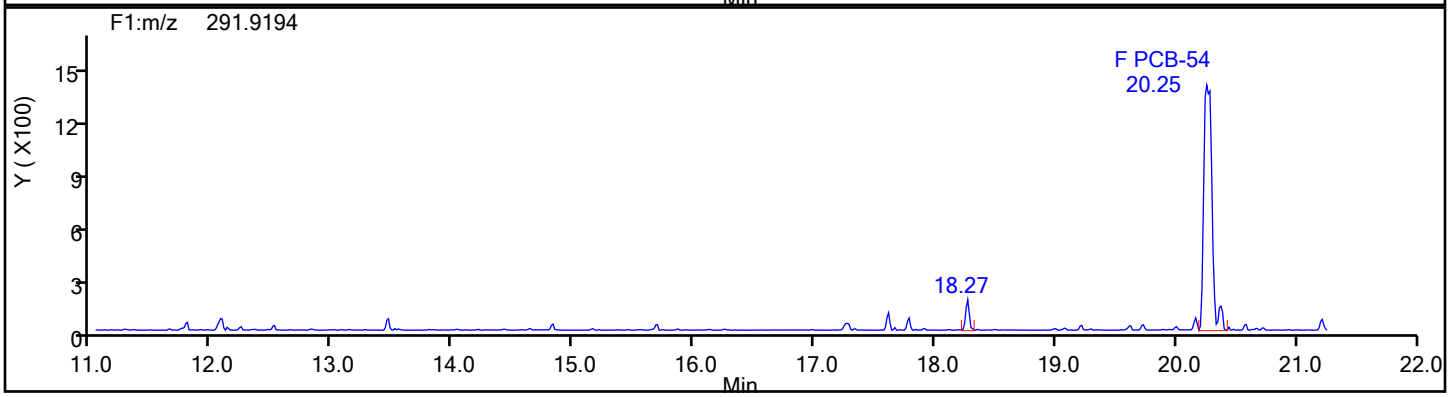
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

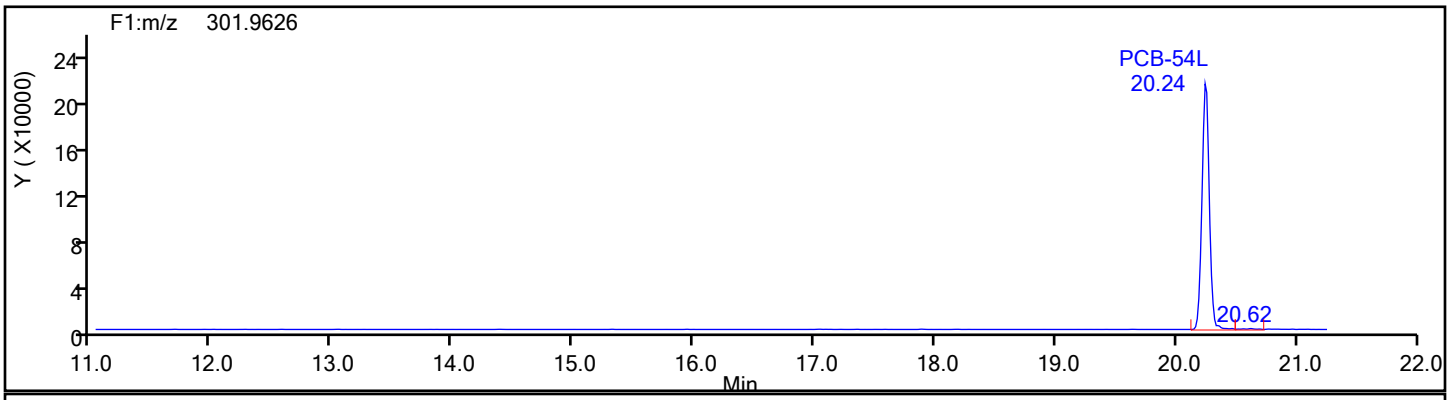
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

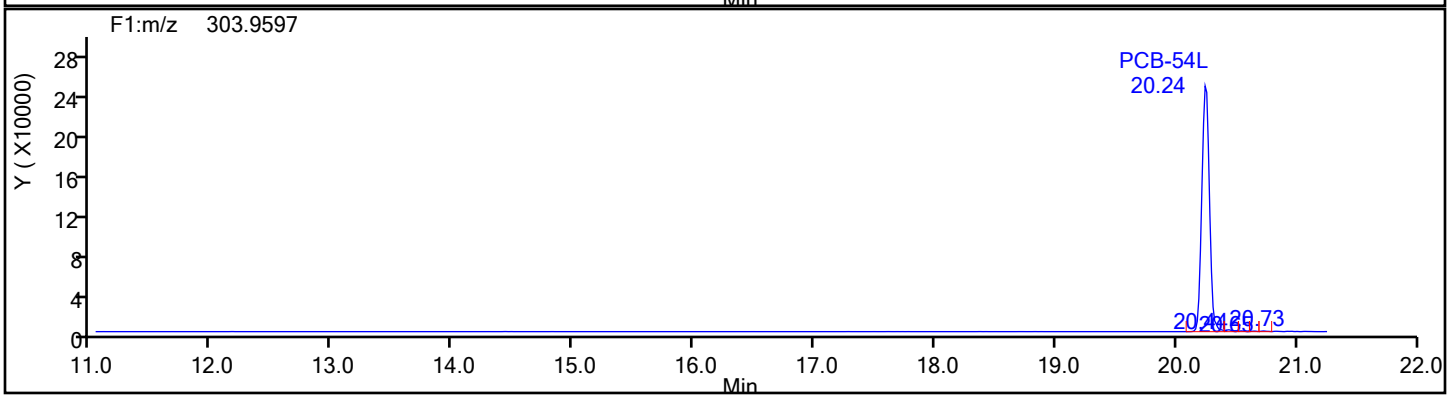
TePCB F1





TePCB F1 Standards



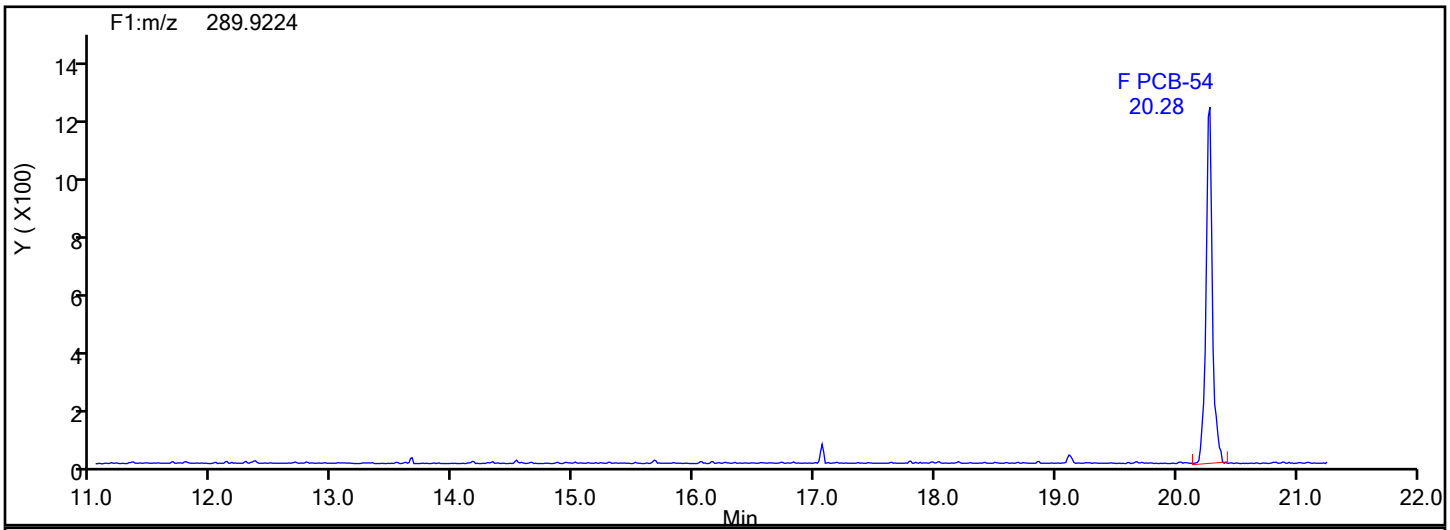


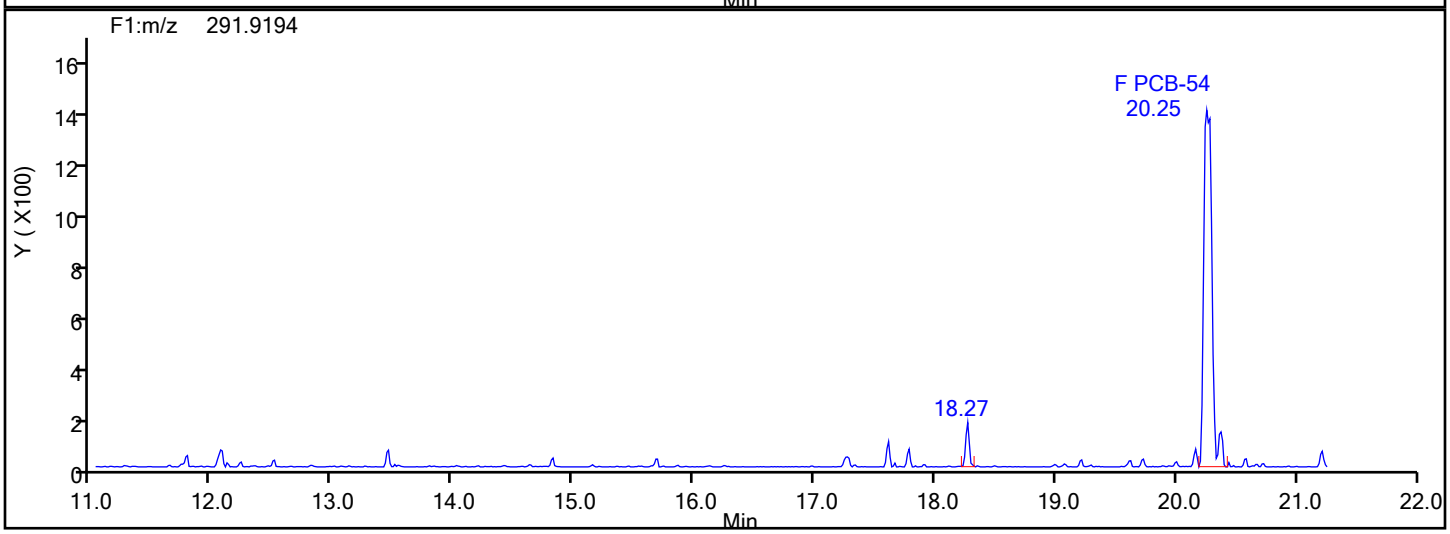
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

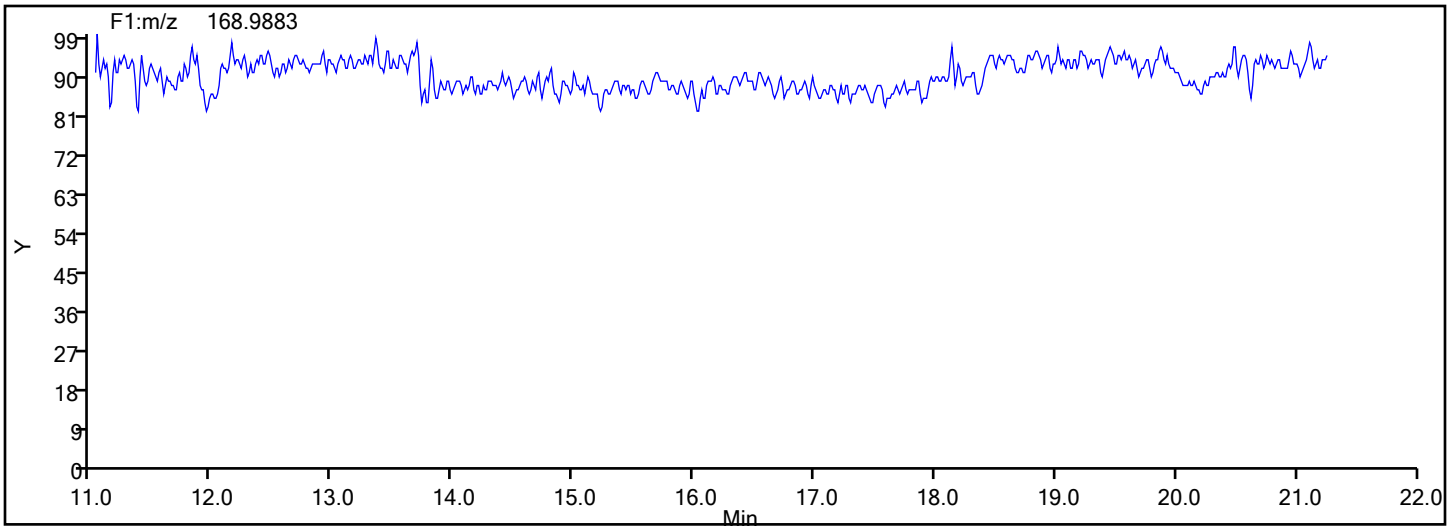
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



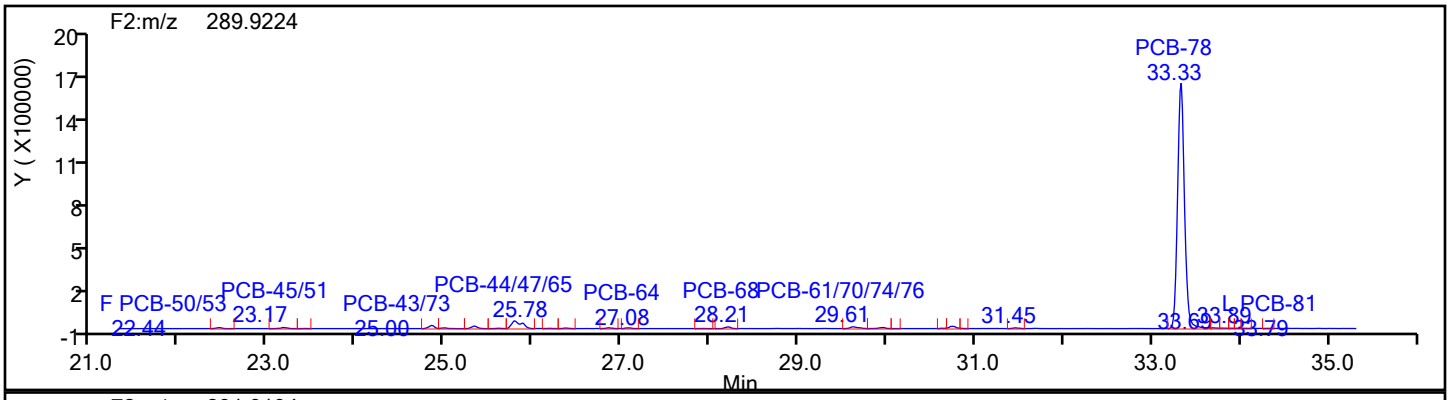
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

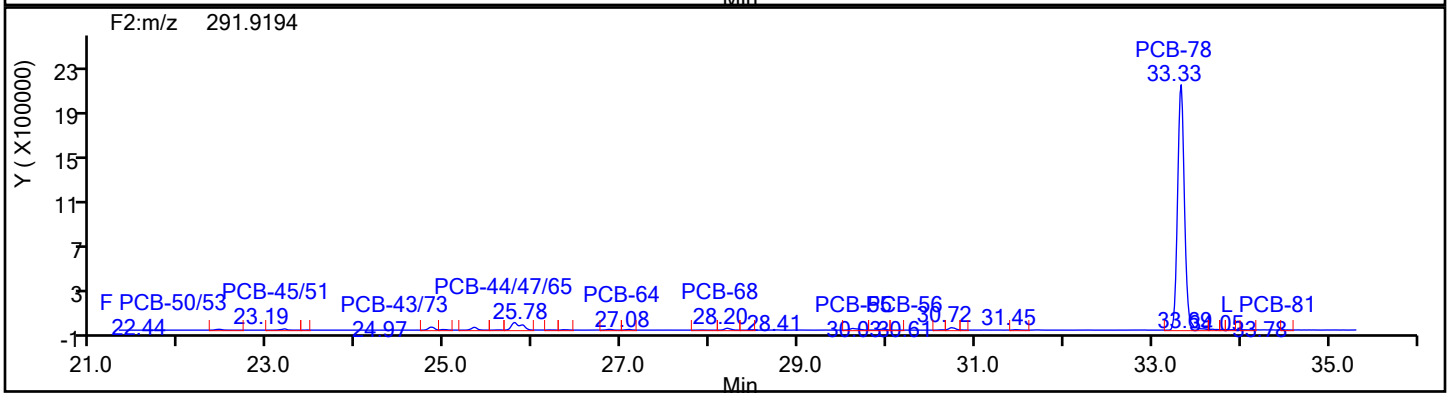
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

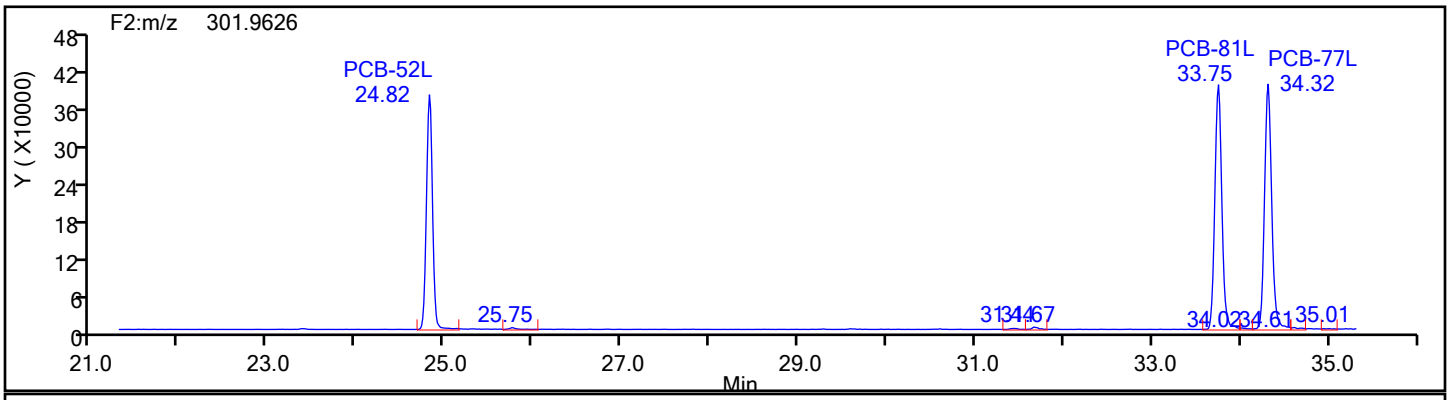
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

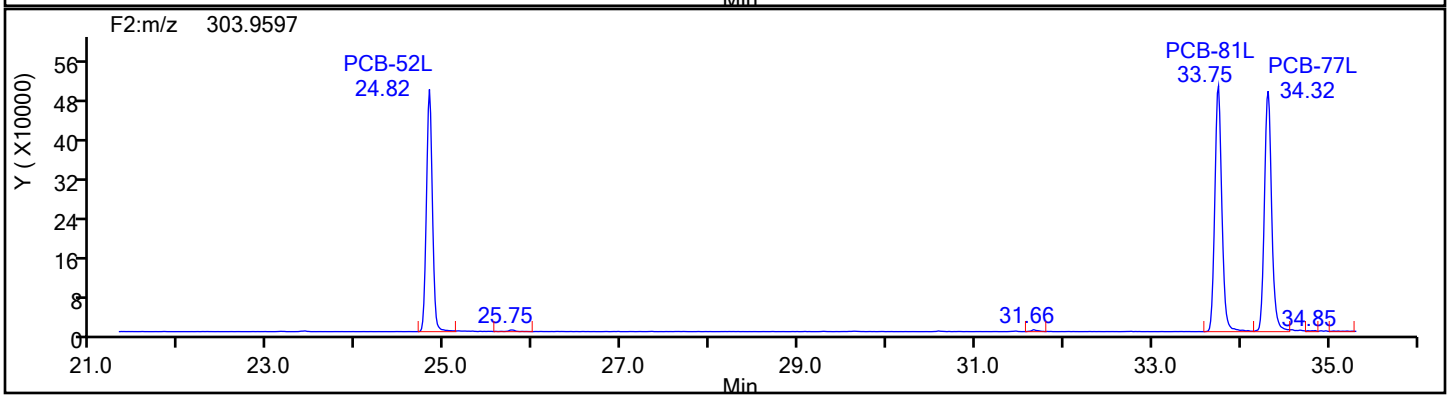
TePCB F2





TePCB F2 Standards



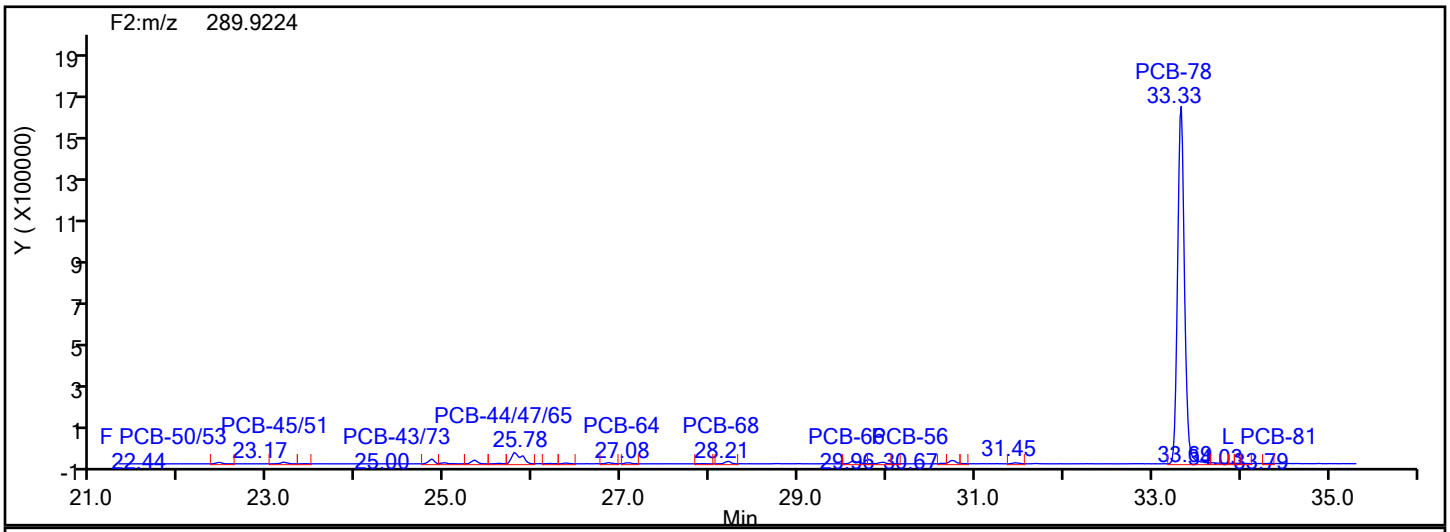


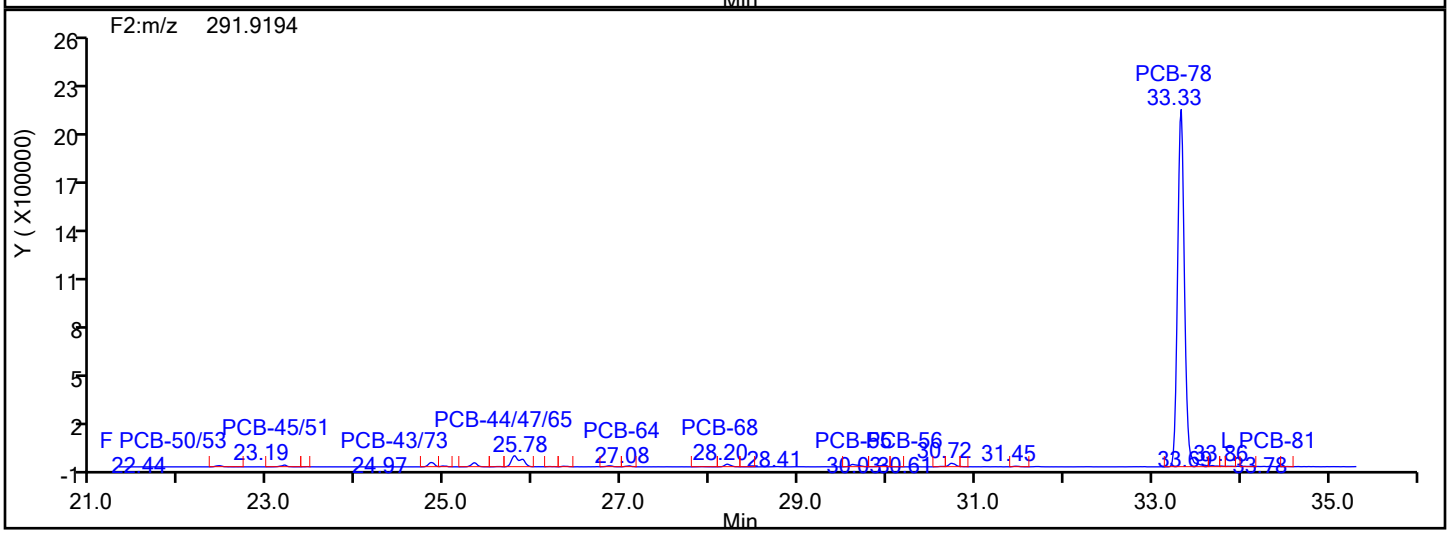
Report Date: 04-Jan-2024 20:01:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

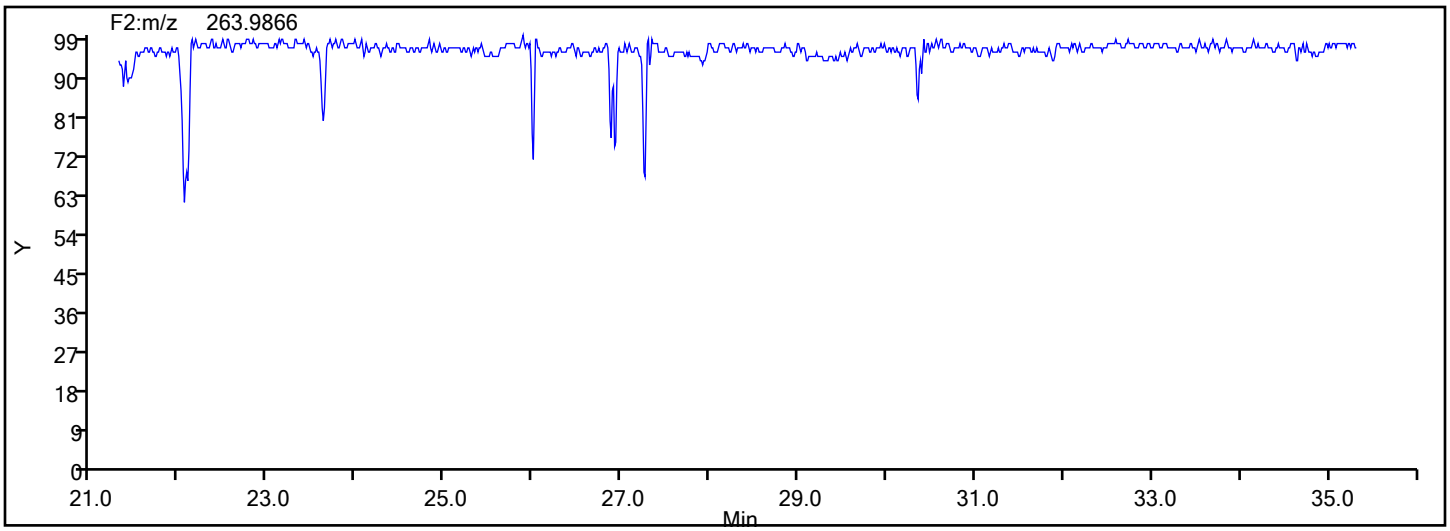
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

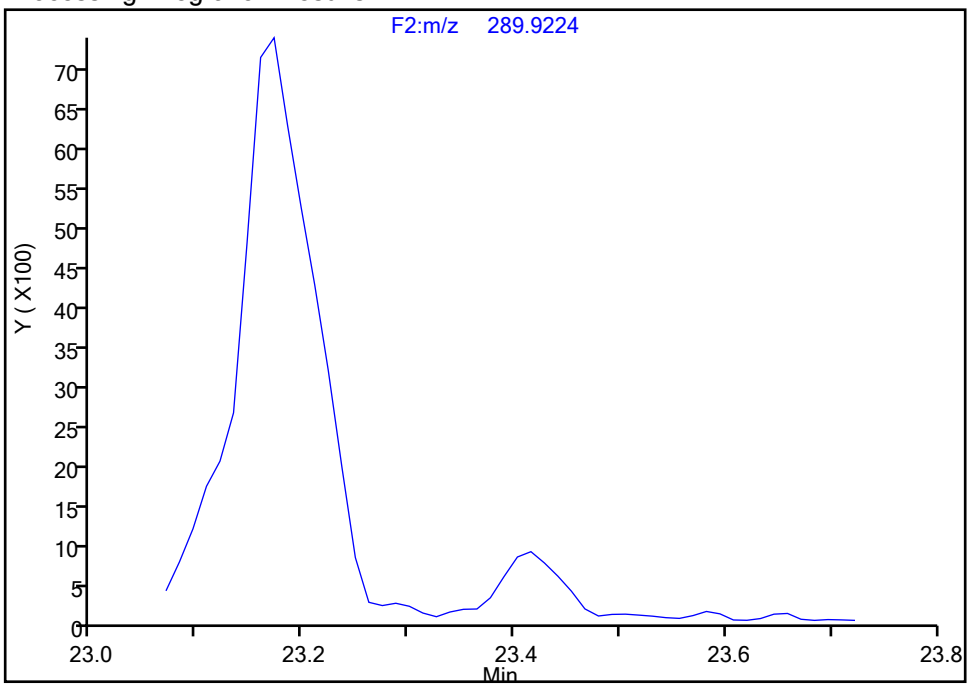
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 1

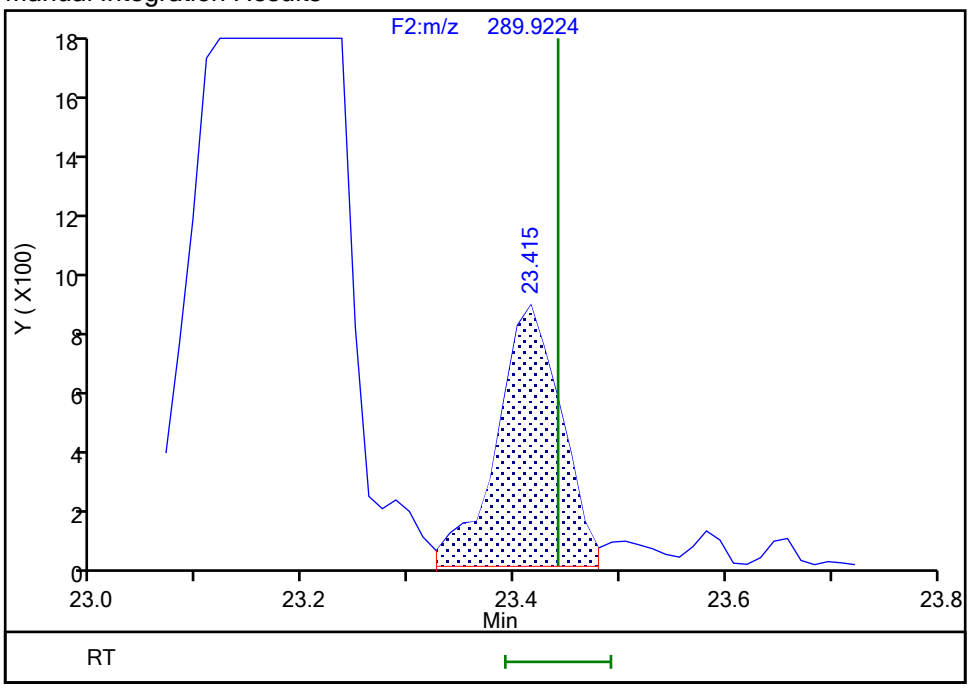
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.42
Area: 3633
Amount: 0.247854
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:44:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

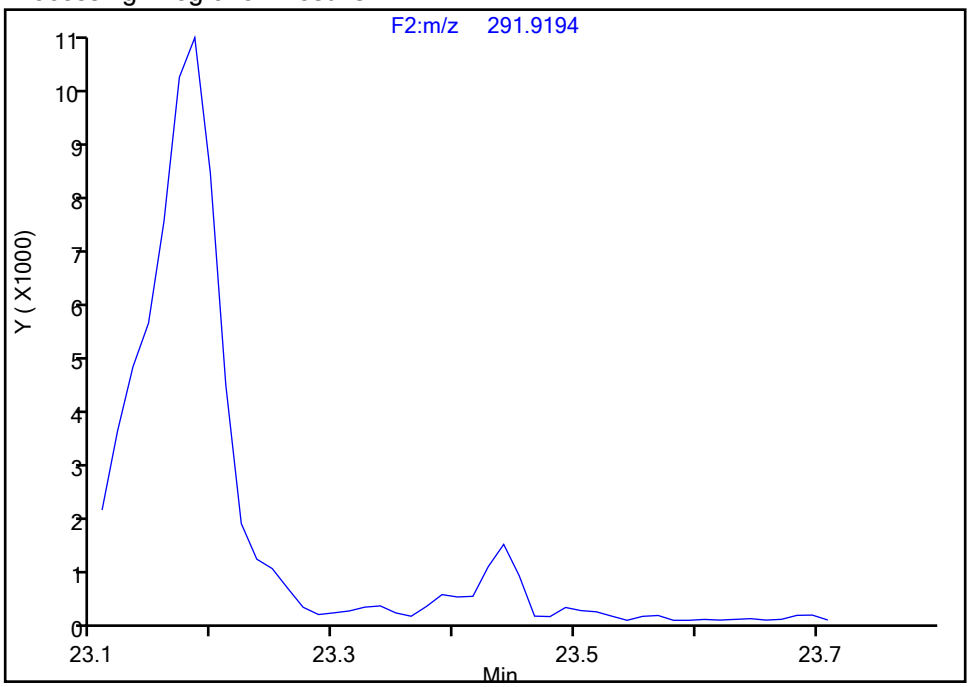
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 2

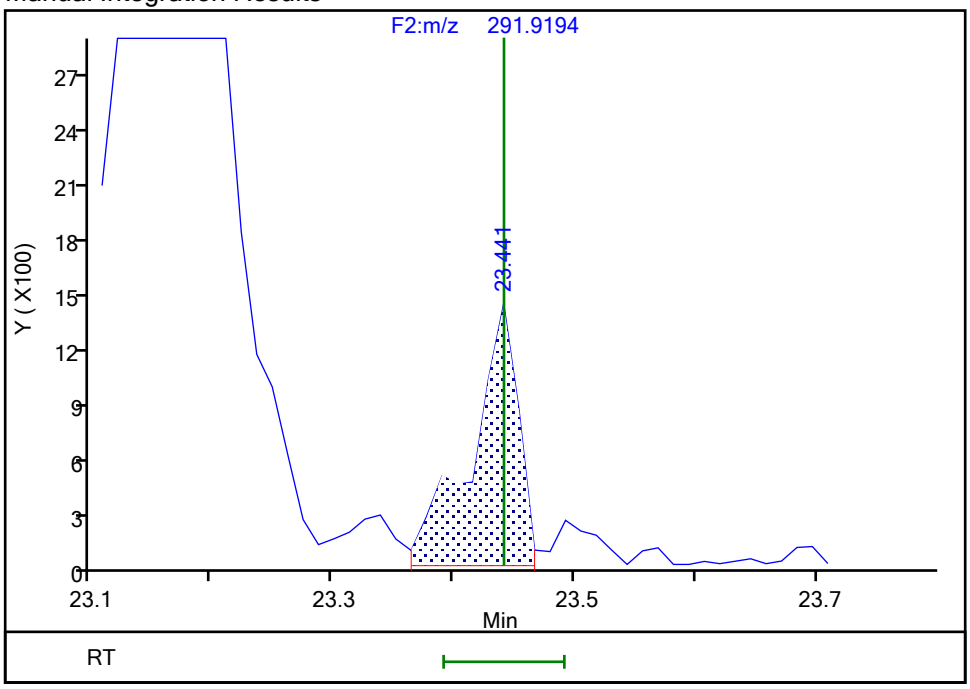
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.44
Area: 3730
Amount: 0.247854
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:44:32 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

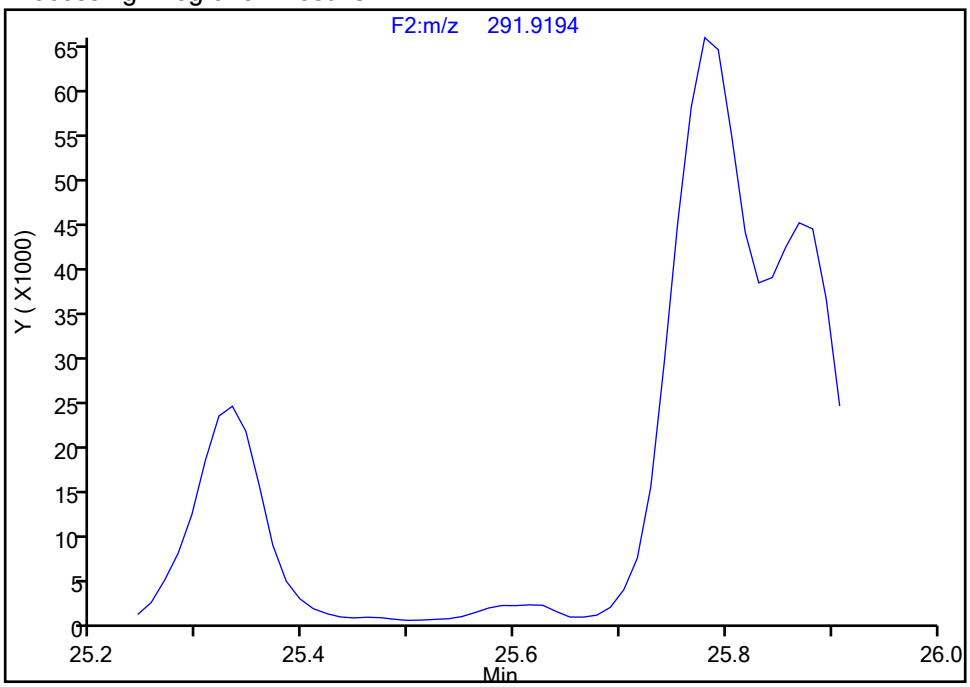
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-48, CAS: 70362-47-9

Signal: 2

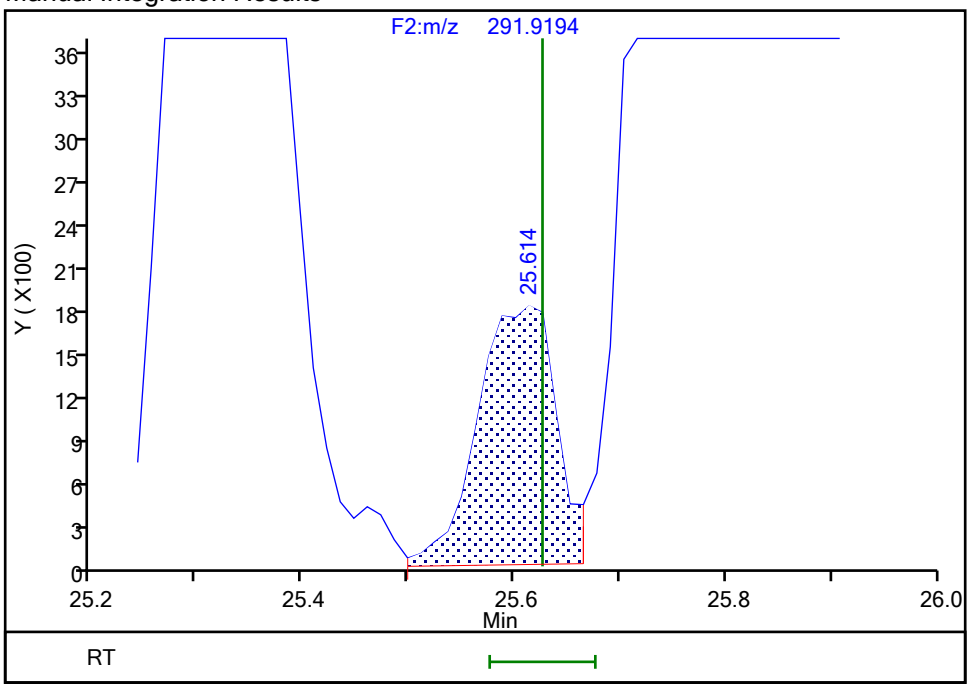
Not Detected
Expected RT: 25.63

Processing Integration Results



Manual Integration Results

RT: 25.61
Area: 9096
Amount: 0.532005
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:44:44 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

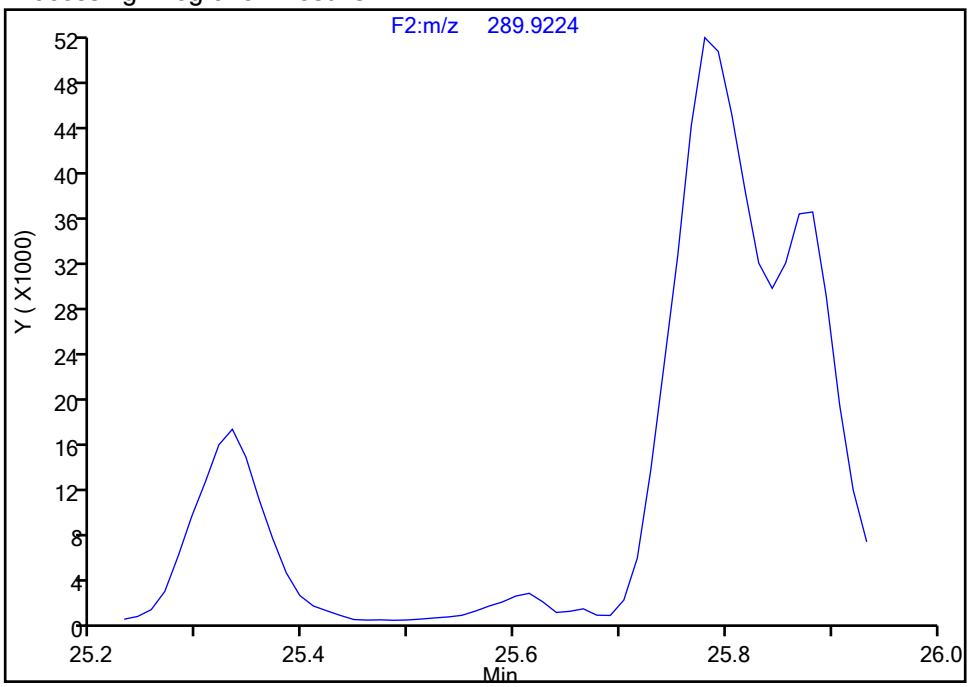
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-48, CAS: 70362-47-9

Signal: 1

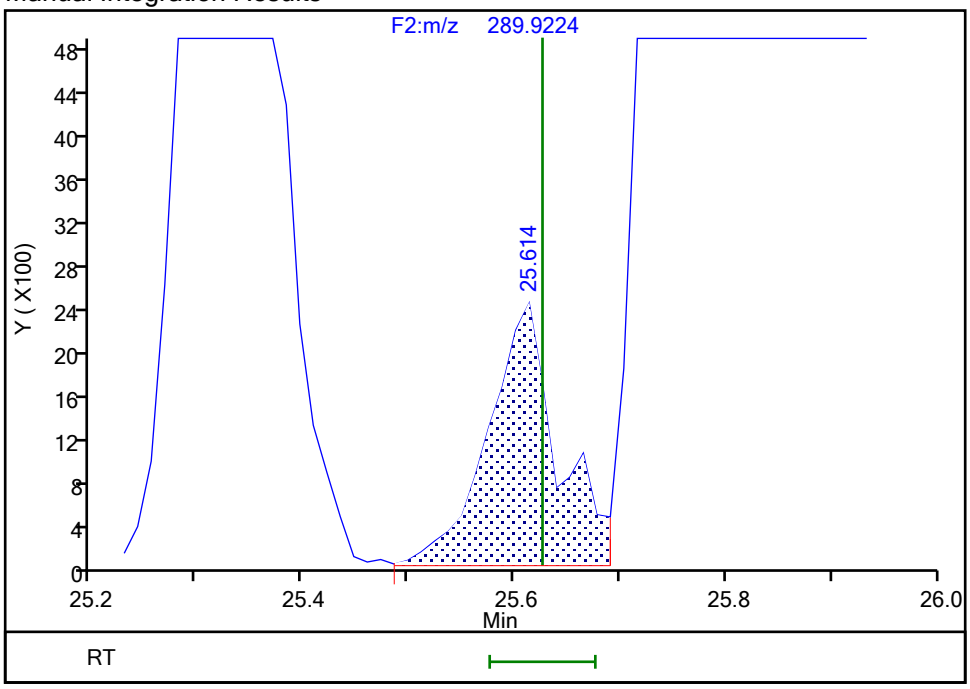
Not Detected
Expected RT: 25.63

Processing Integration Results



Manual Integration Results

RT: 25.61
Area: 10979
Amount: 0.532005
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:44:49 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

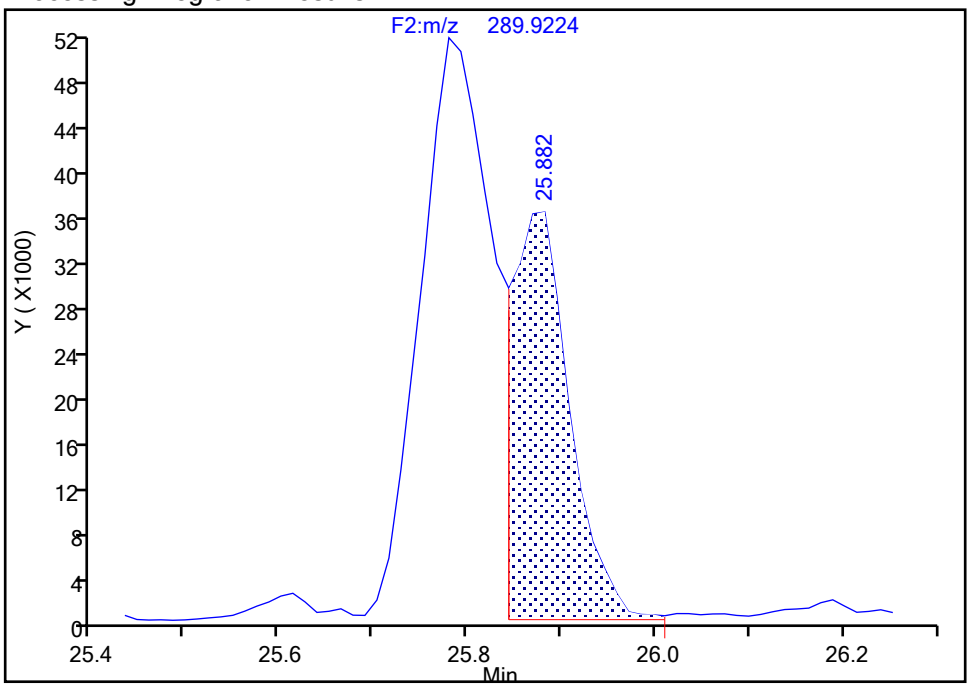
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-44/47/65, CAS: STL01803

Signal: 1

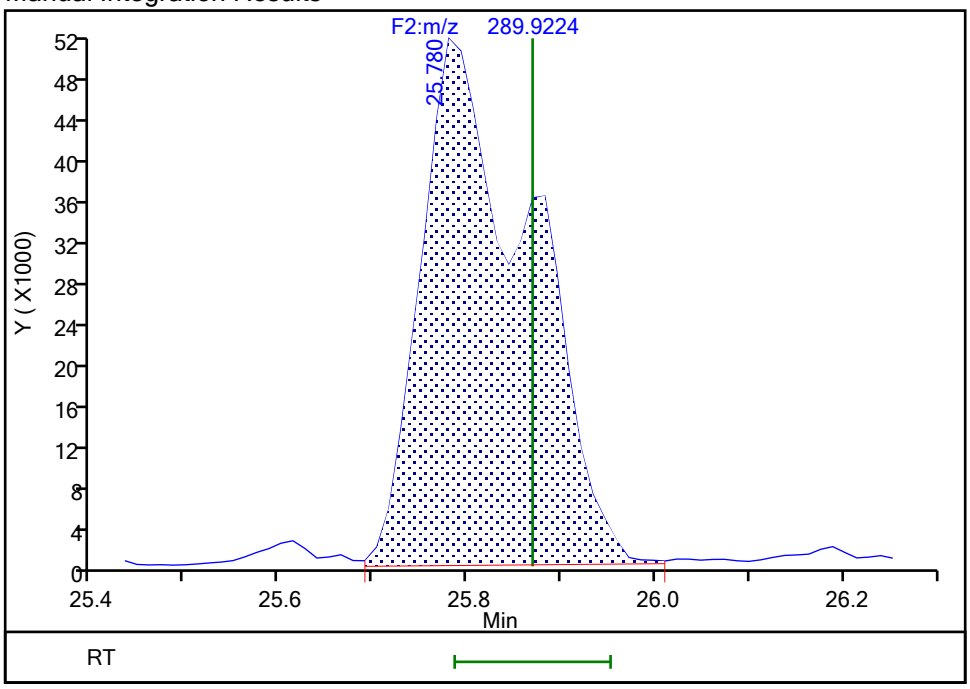
Processing Integration Results

RT: 25.88
Area: 148865
Amount: 8.633680
Amount Units: pg/ul



Manual Integration Results

RT: 25.78
Area: 415922
Amount: 22.246589
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:45:09 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

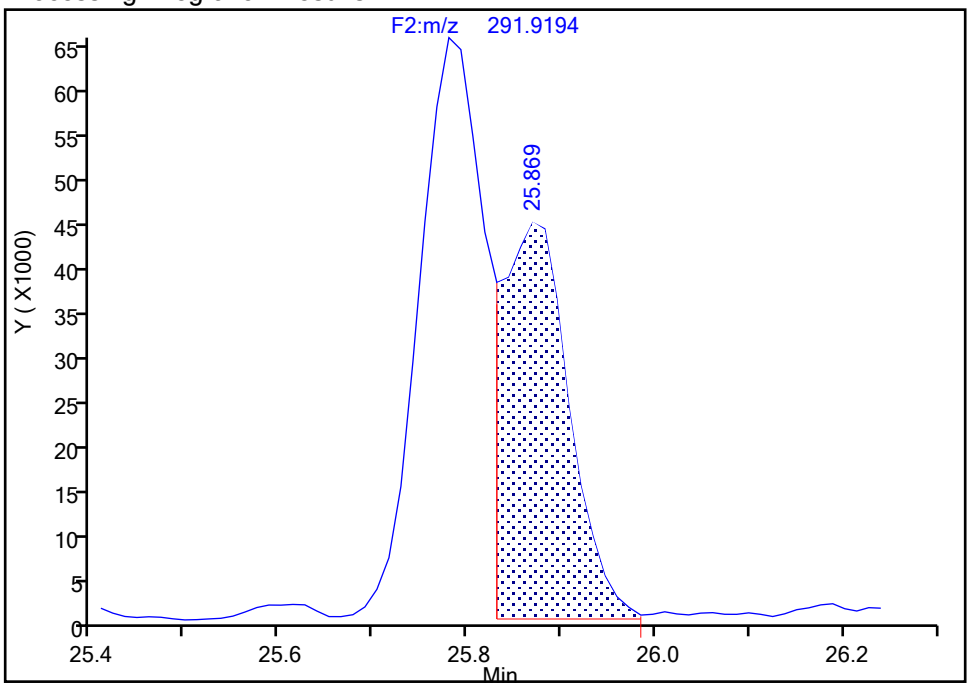
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-44/47/65, CAS: STL01803

Signal: 2

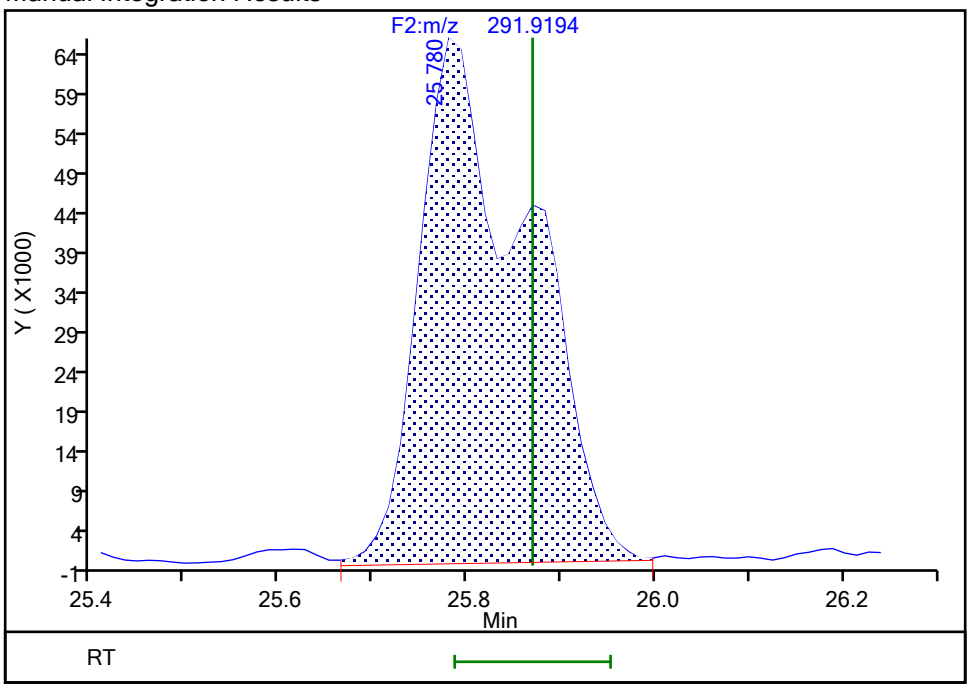
Processing Integration Results

RT: 25.87
Area: 215186
Amount: 8.633680
Amount Units: pg/ul



Manual Integration Results

RT: 25.78
Area: 522136
Amount: 22.246589
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:45:16 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

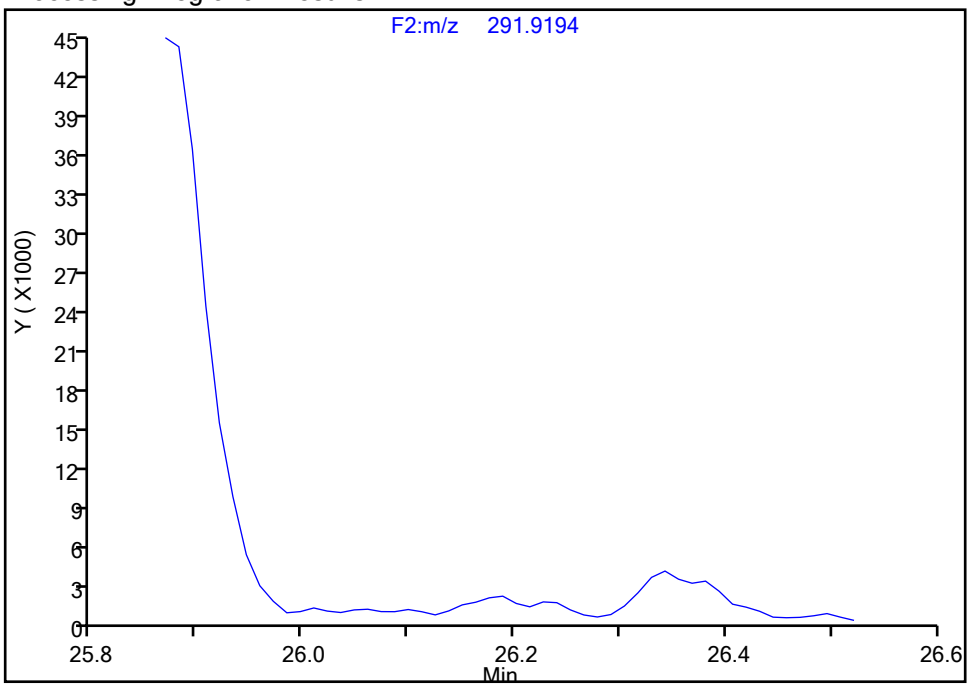
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-59/62/75, CAS: STL01807

Signal: 2

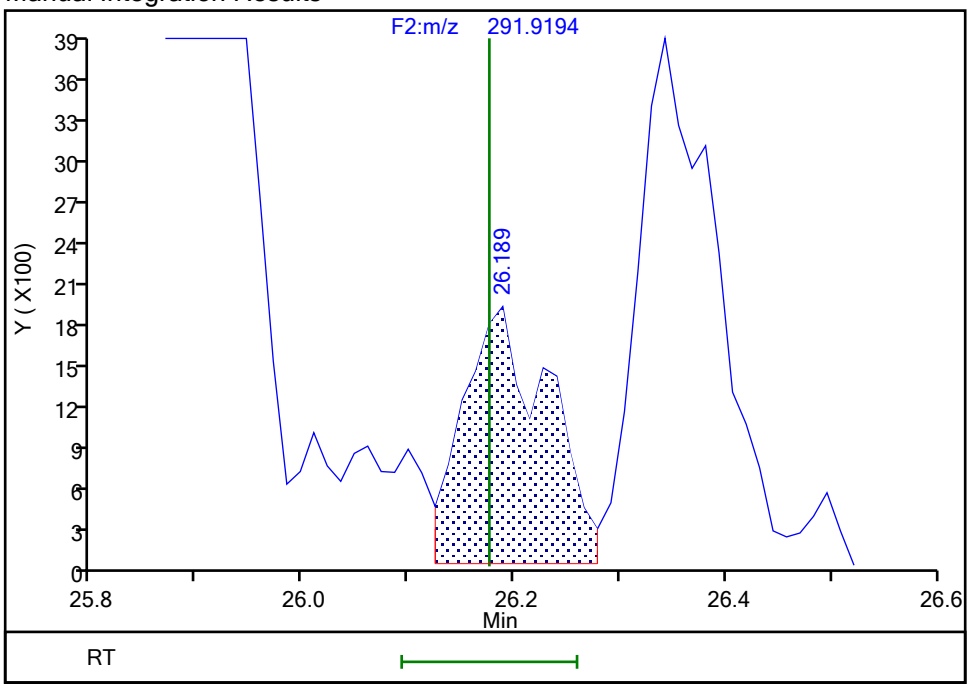
Not Detected
Expected RT: 26.18

Processing Integration Results



Manual Integration Results

RT: 26.19
Area: 10227
Amount: 0.399870
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:45:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

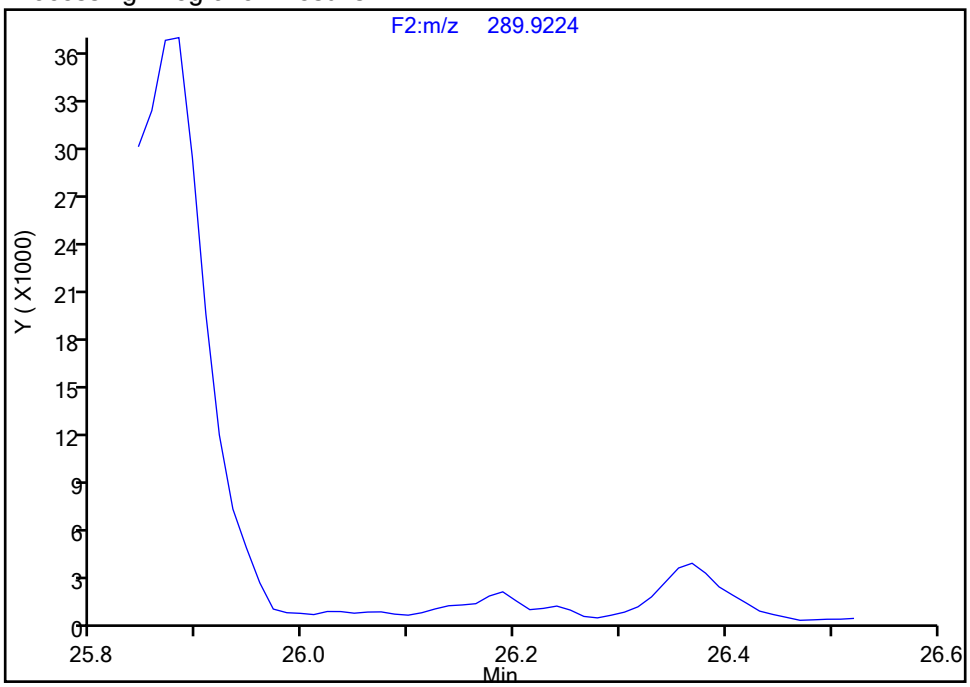
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-59/62/75, CAS: STL01807

Signal: 1

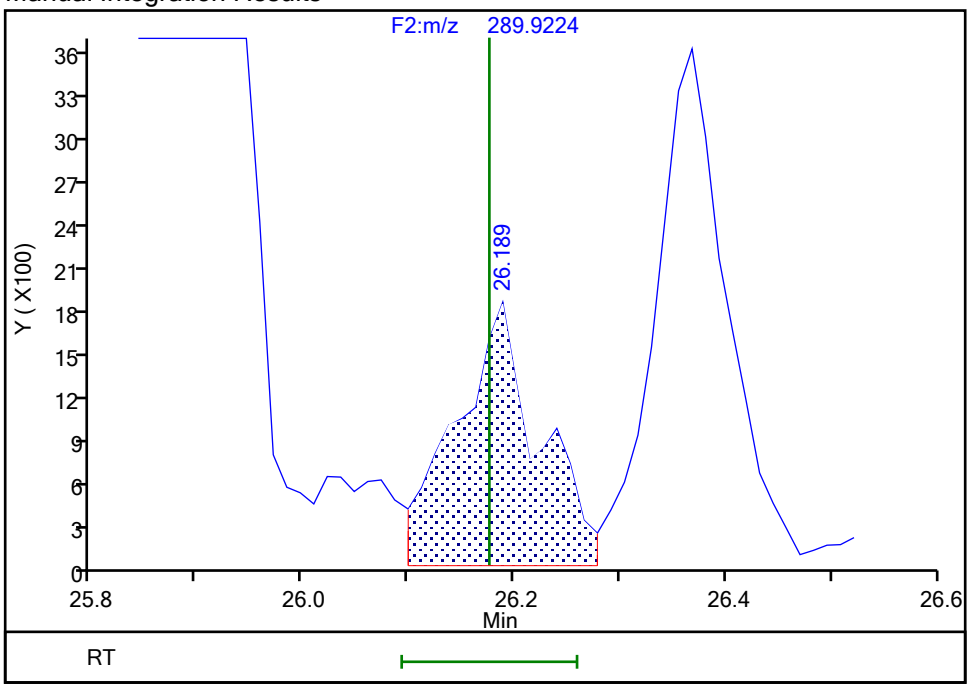
Processing Integration Results

Not Detected
Expected RT: 26.18



Manual Integration Results

RT: 26.19
Area: 9960
Amount: 0.399870
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:45:57 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

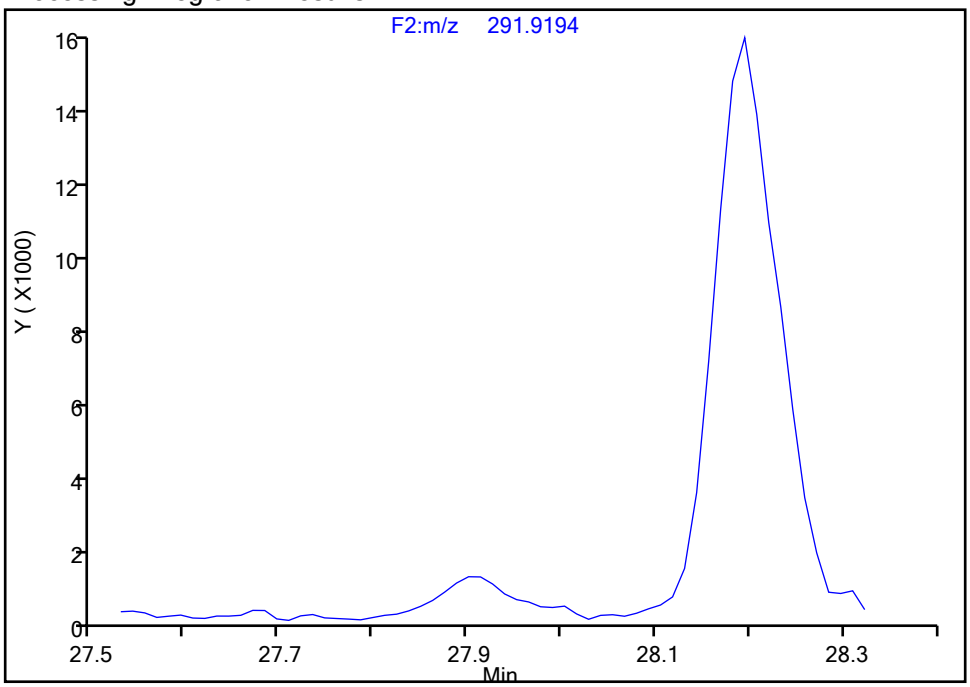
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-72, CAS: 41464-42-0

Signal: 2

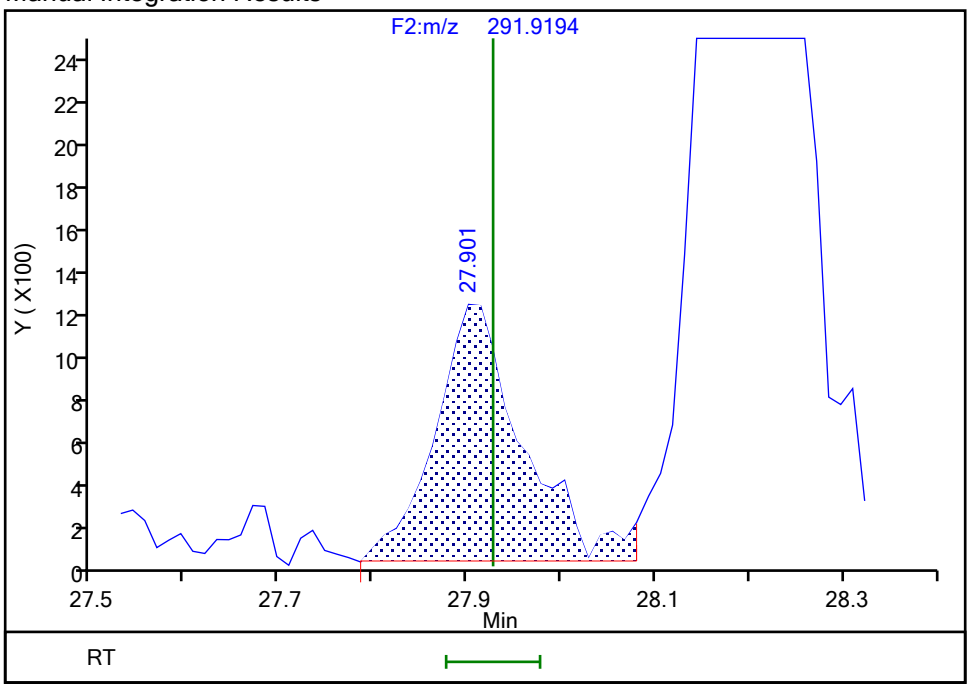
Not Detected
Expected RT: 27.93

Processing Integration Results



Manual Integration Results

RT: 27.90
Area: 7556
Amount: 0.216779
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:46:26 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

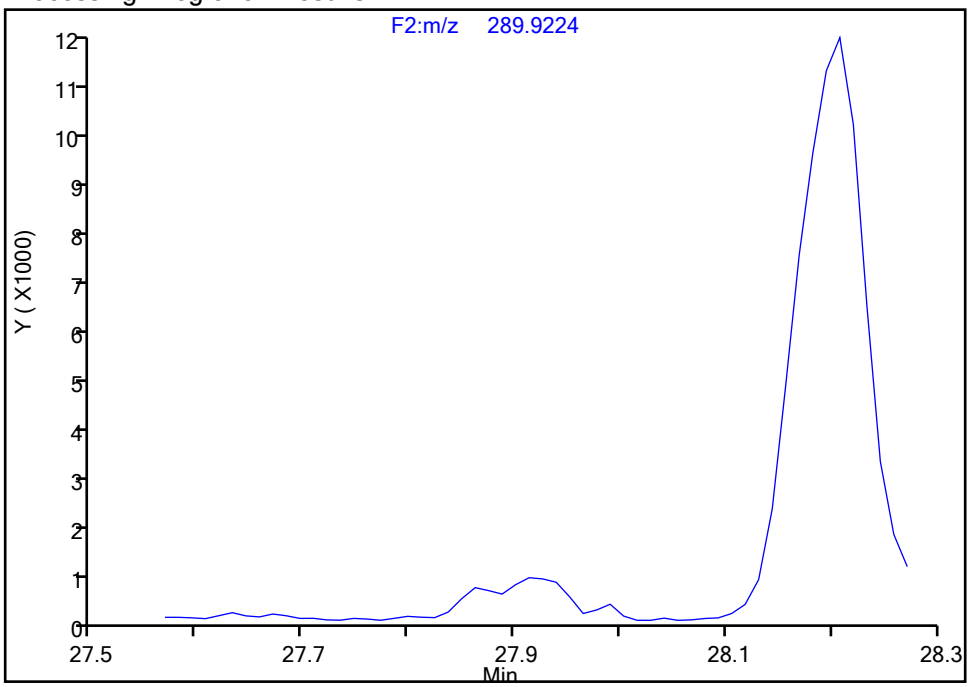
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Instrument ID: D2D
Lims ID: 140-34509-A-2-B Lab Sample ID: 140-34509-2
Client ID: PW-01-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-72, CAS: 41464-42-0

Signal: 1

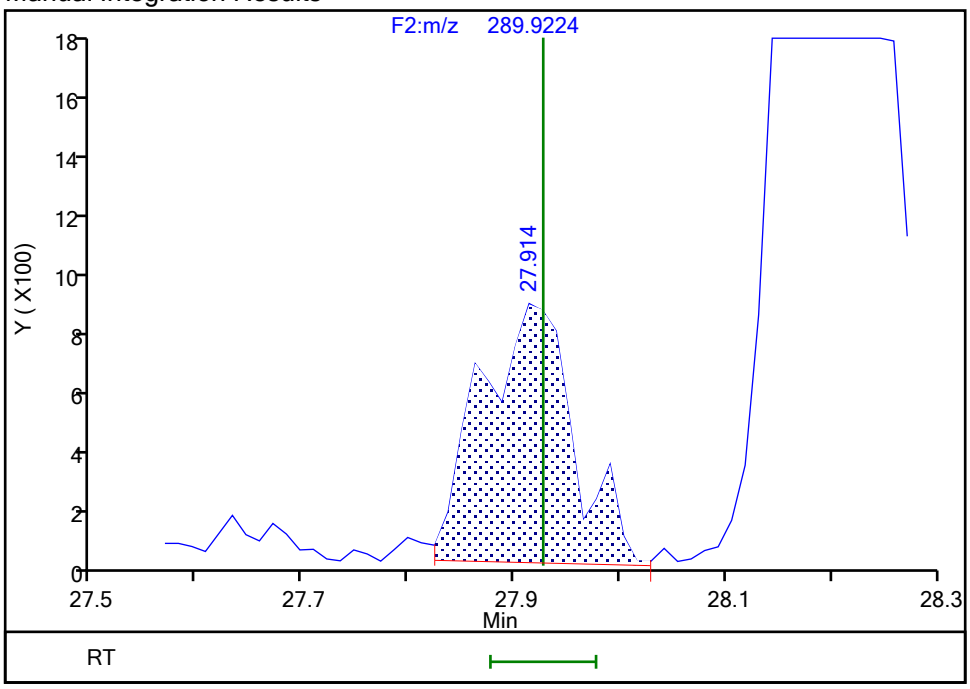
Not Detected
Expected RT: 27.93

Processing Integration Results



Manual Integration Results

RT: 27.91
Area: 5109
Amount: 0.216779
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:46:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

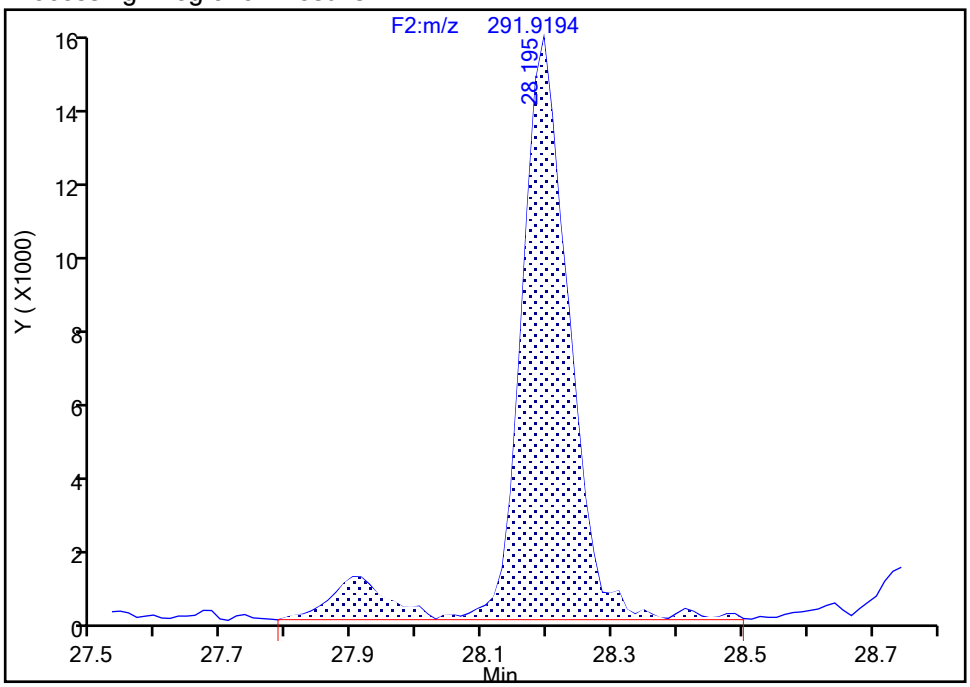
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-68, CAS: 73575-52-7

Signal: 2

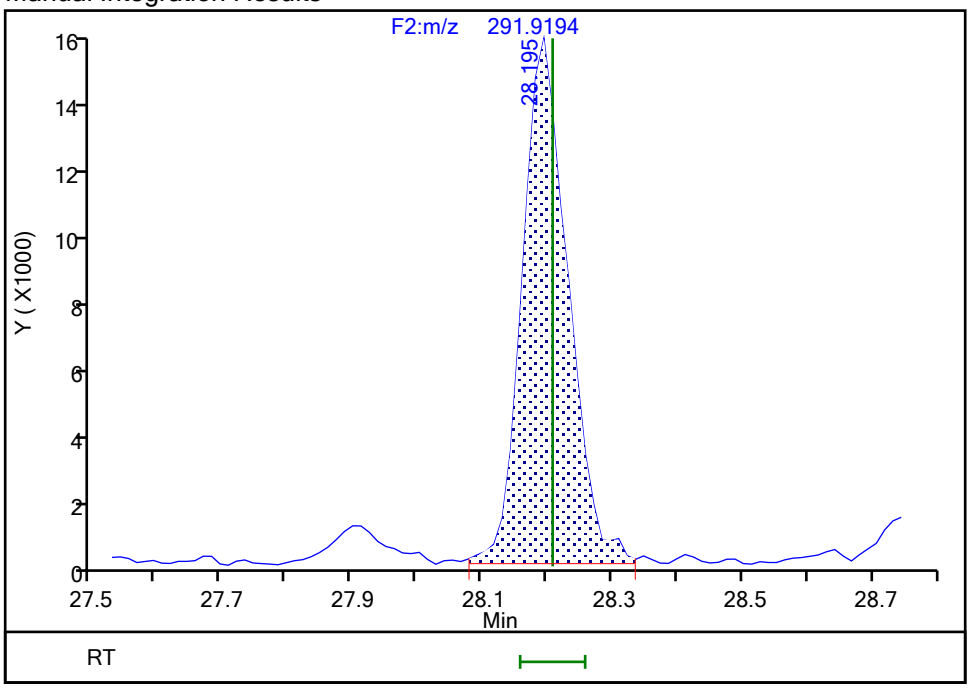
Processing Integration Results

RT: 28.20
Area: 87319
Amount: 2.470096
Amount Units: pg/ul



Manual Integration Results

RT: 28.20
Area: 78375
Amount: 2.311939
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:46:12 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

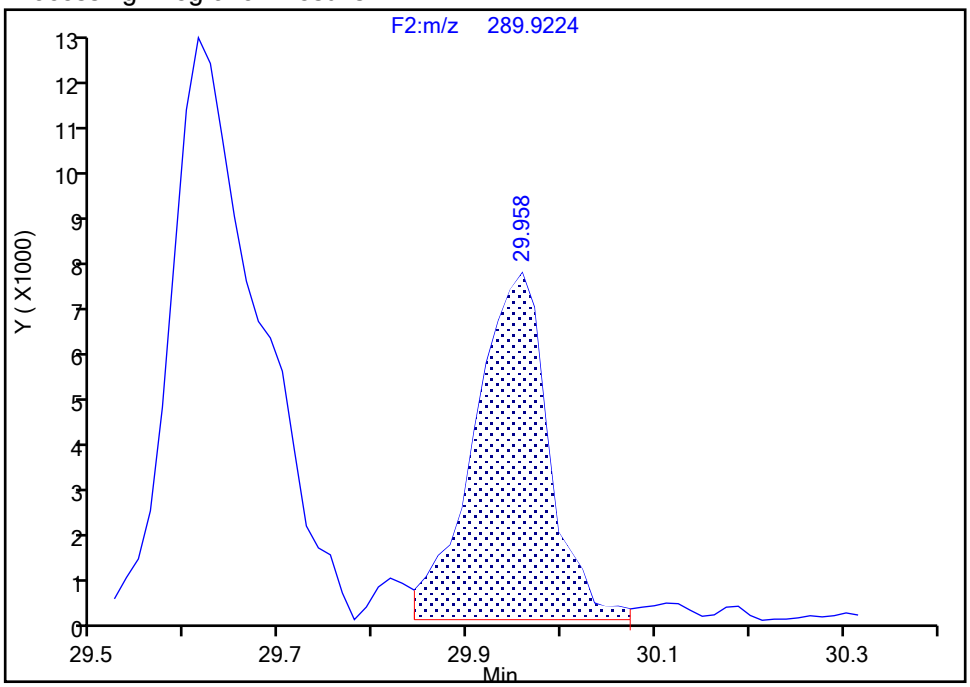
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-66, CAS: 32598-10-0

Signal: 1

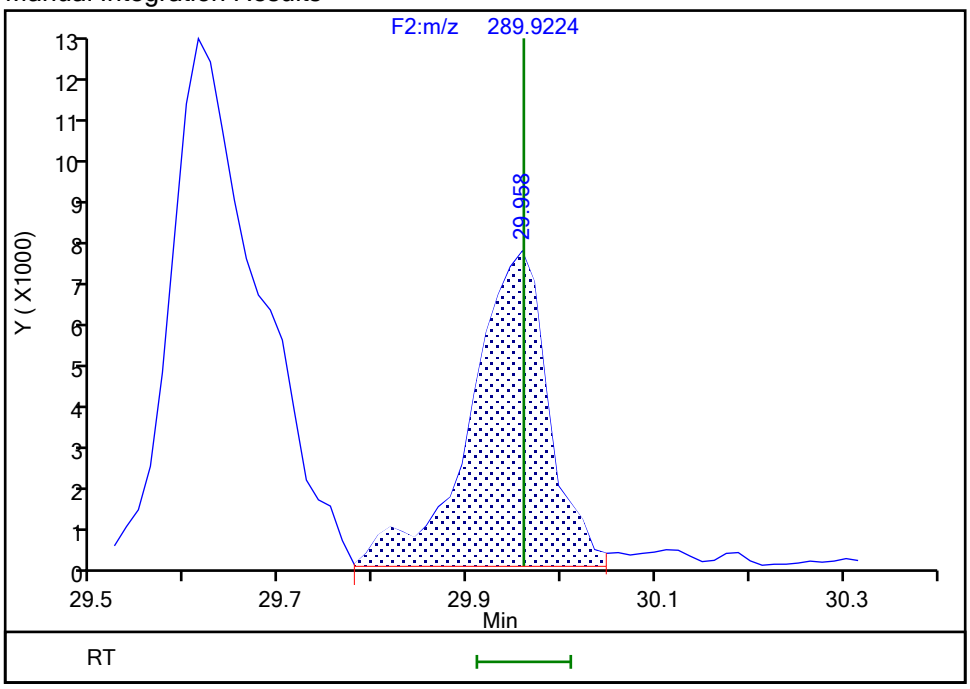
Processing Integration Results

RT: 29.96
Area: 39658
Amount: 1.450870
Amount Units: pg/ul



Manual Integration Results

RT: 29.96
Area: 41452
Amount: 1.473335
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:47:04 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

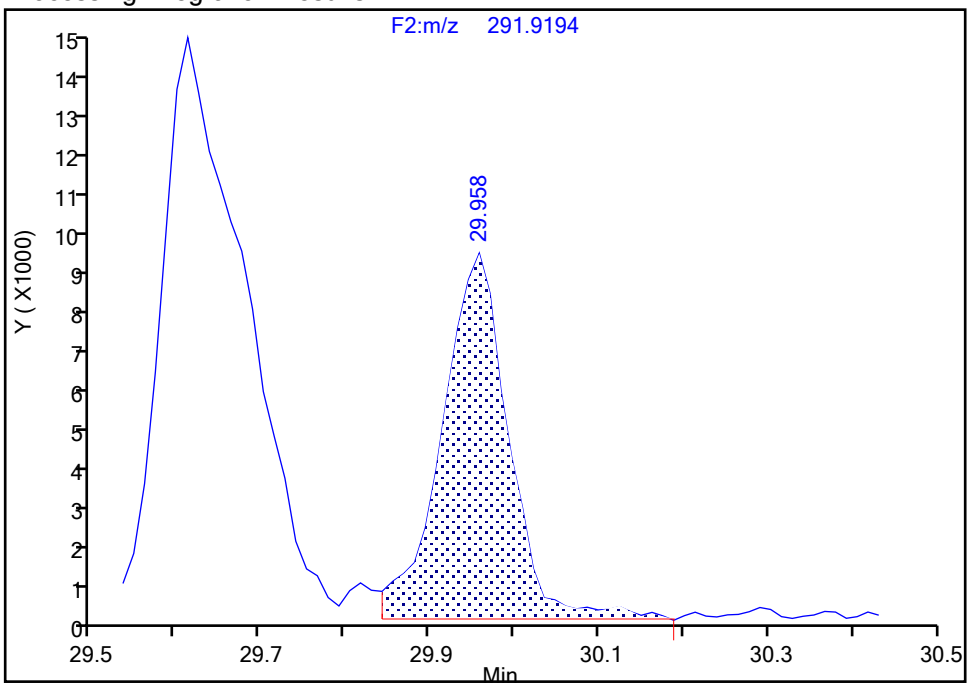
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-66, CAS: 32598-10-0

Signal: 2

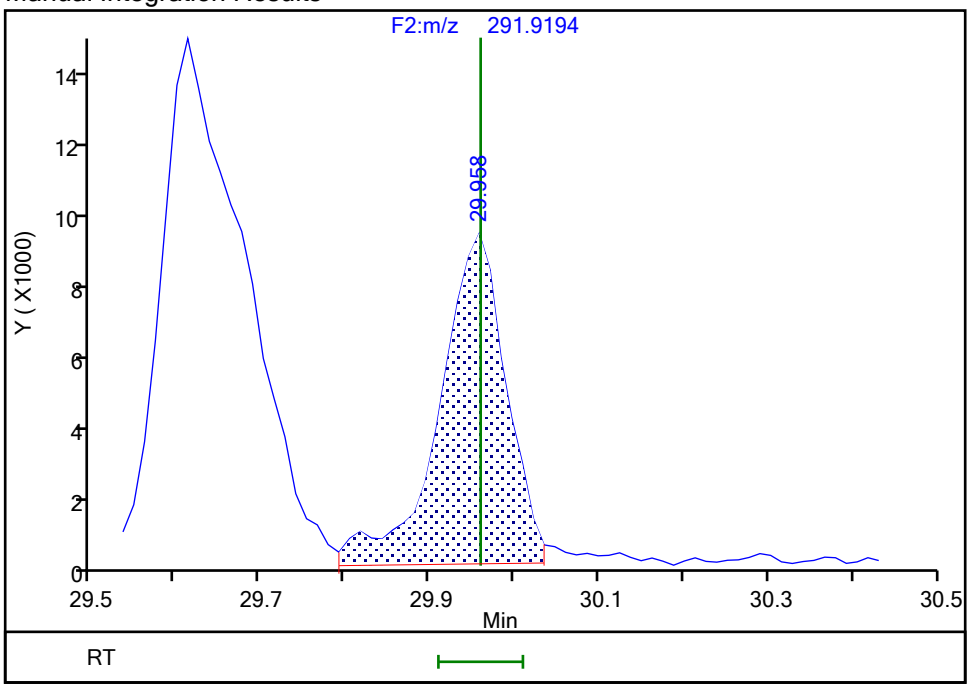
Processing Integration Results

RT: 29.96
Area: 50240
Amount: 1.450870
Amount Units: pg/ul



Manual Integration Results

RT: 29.96
Area: 49838
Amount: 1.473335
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:47:06 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

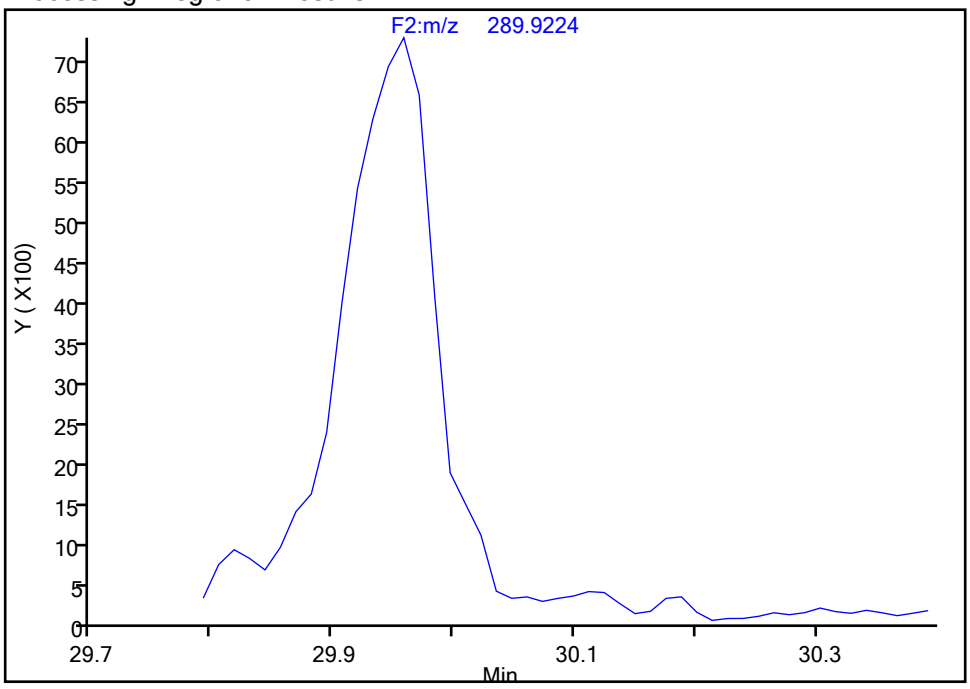
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-55, CAS: 74338-24-2

Signal: 1

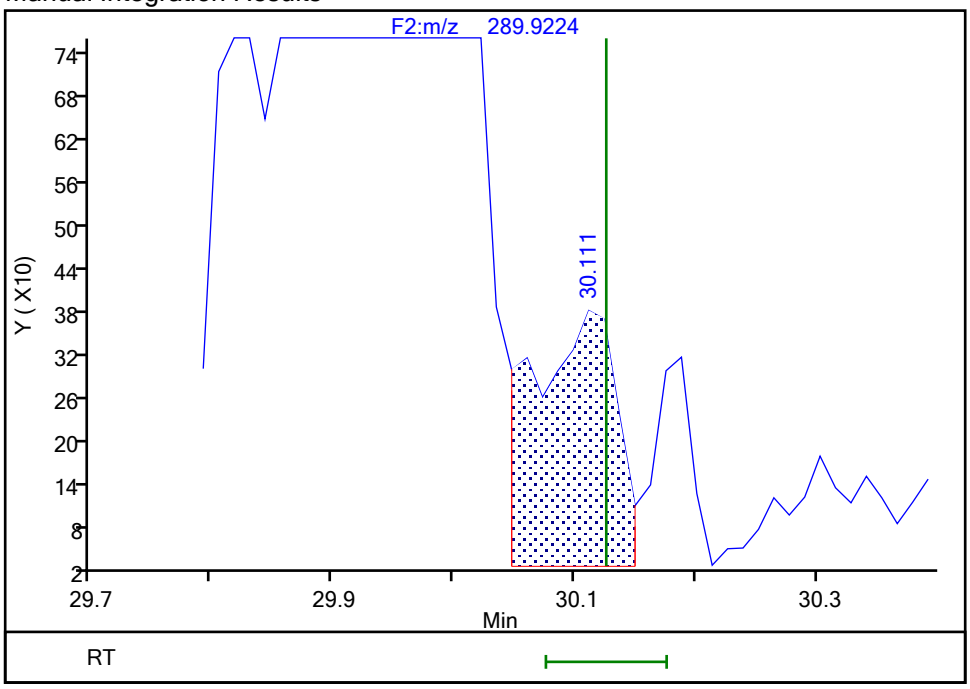
Not Detected
Expected RT: 30.13

Processing Integration Results



Manual Integration Results

RT: 30.11
Area: 1668
Amount: 0.060219
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:47:09 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

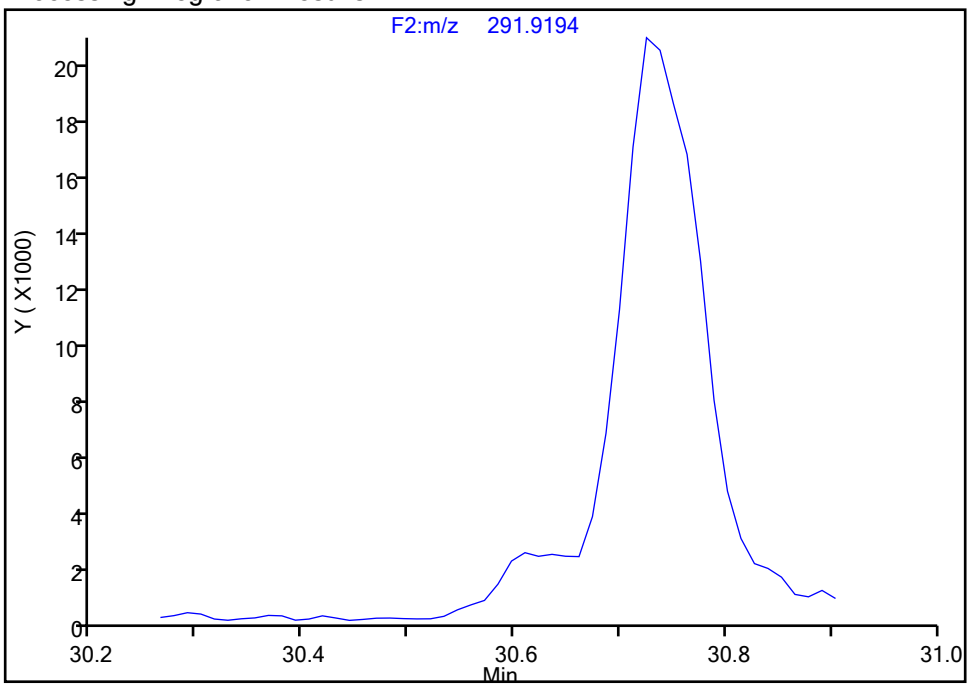
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-56, CAS: 41464-43-1

Signal: 2

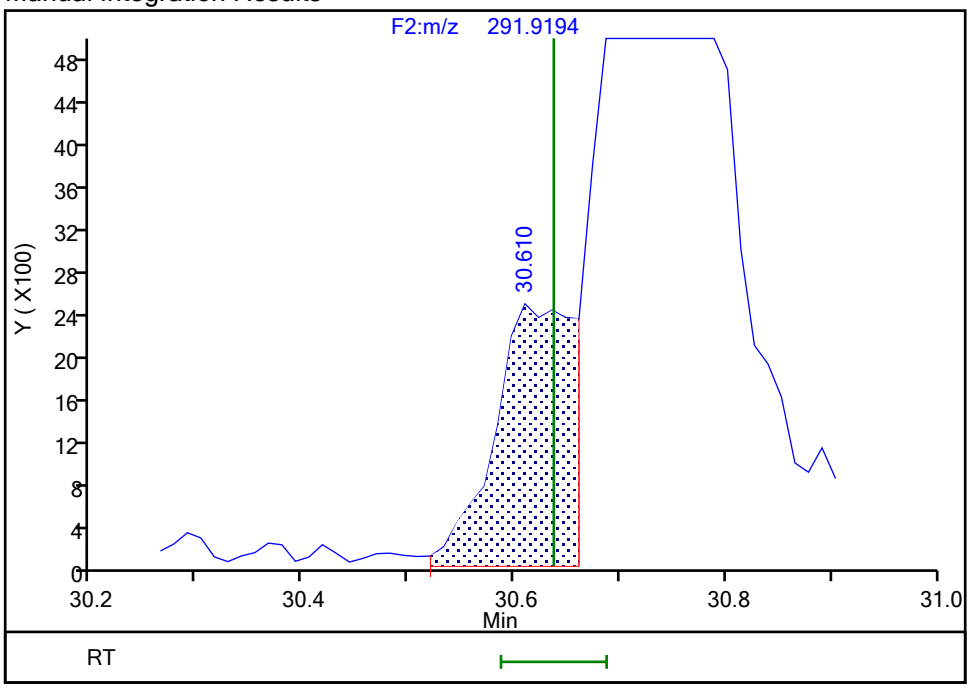
Not Detected
Expected RT: 30.64

Processing Integration Results



Manual Integration Results

RT: 30.61
Area: 12293
Amount: 0.384446
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:47:33 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

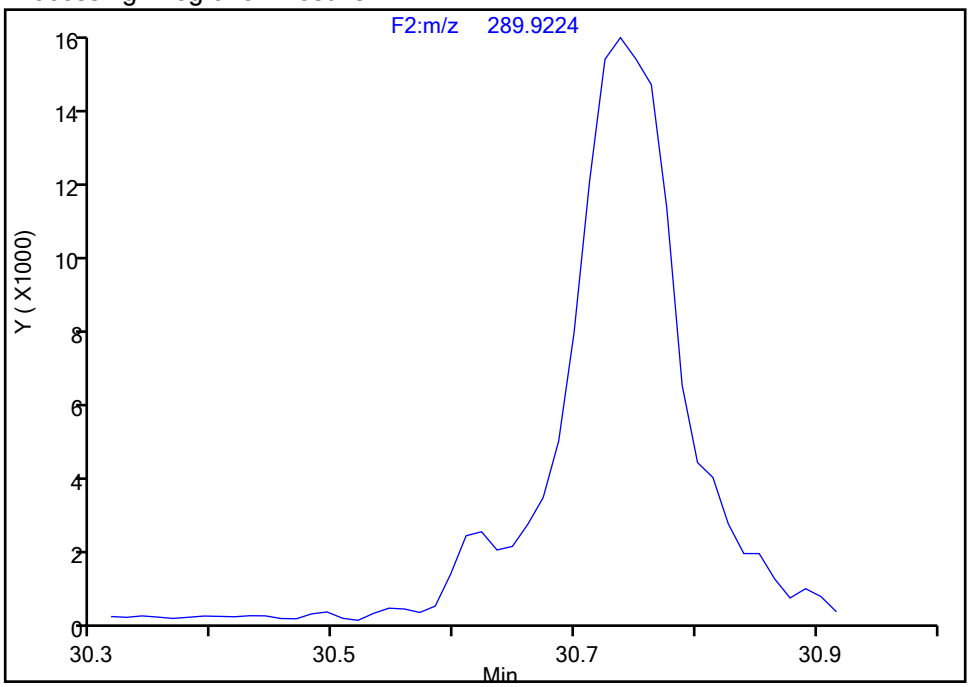
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Instrument ID: D2D
Lims ID: 140-34509-A-2-B Lab Sample ID: 140-34509-2
Client ID: PW-01-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-56, CAS: 41464-43-1

Signal: 1

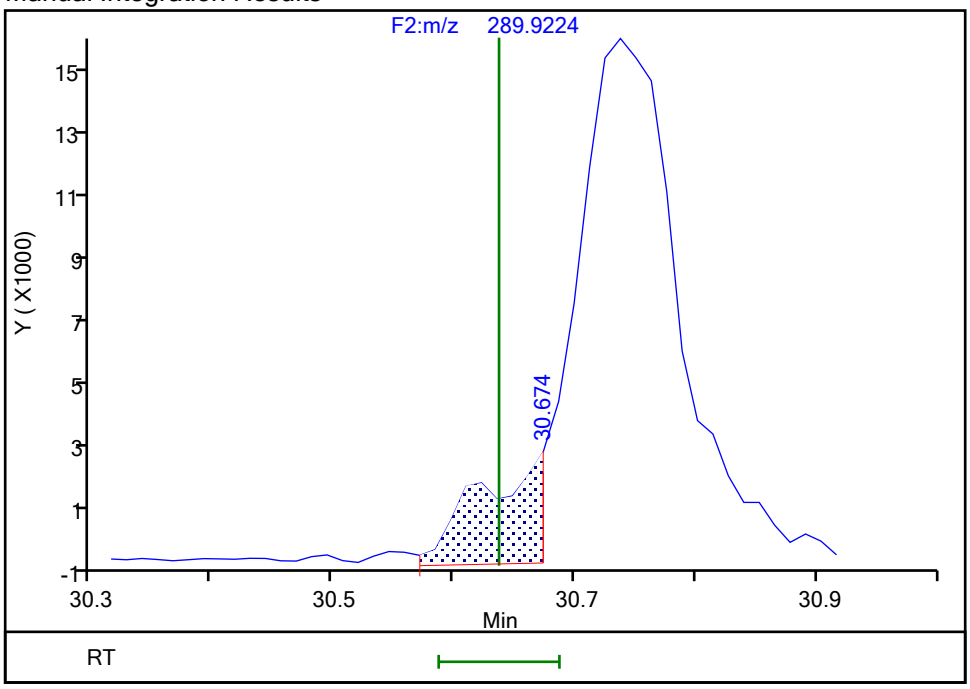
Not Detected
Expected RT: 30.64

Processing Integration Results



Manual Integration Results

RT: 30.67
Area: 11211
Amount: 0.384446
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:47:41 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

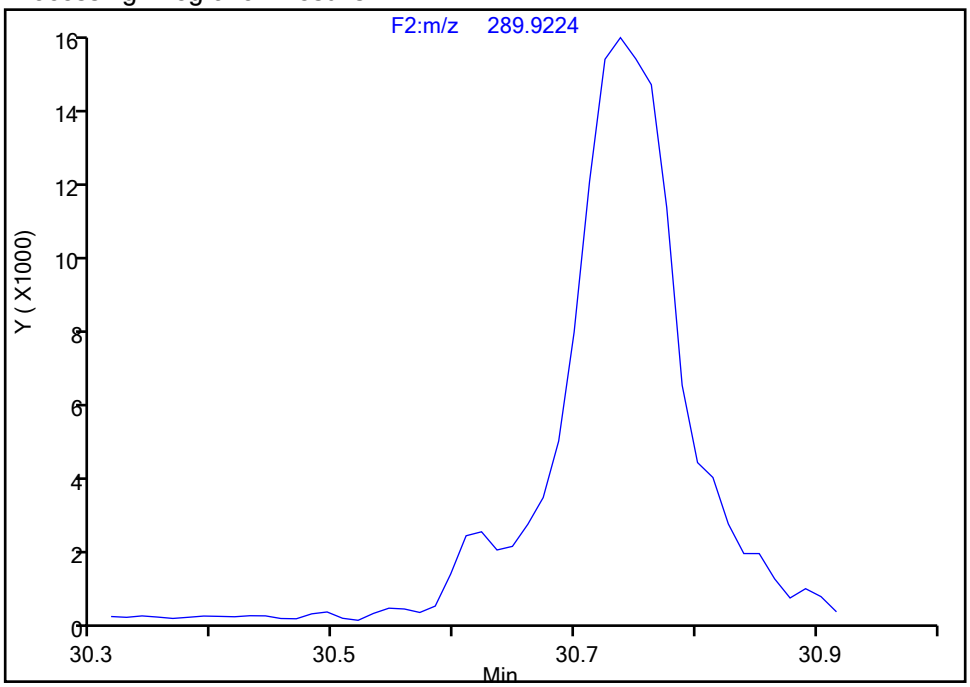
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-56, CAS: 41464-43-1

Signal: 1

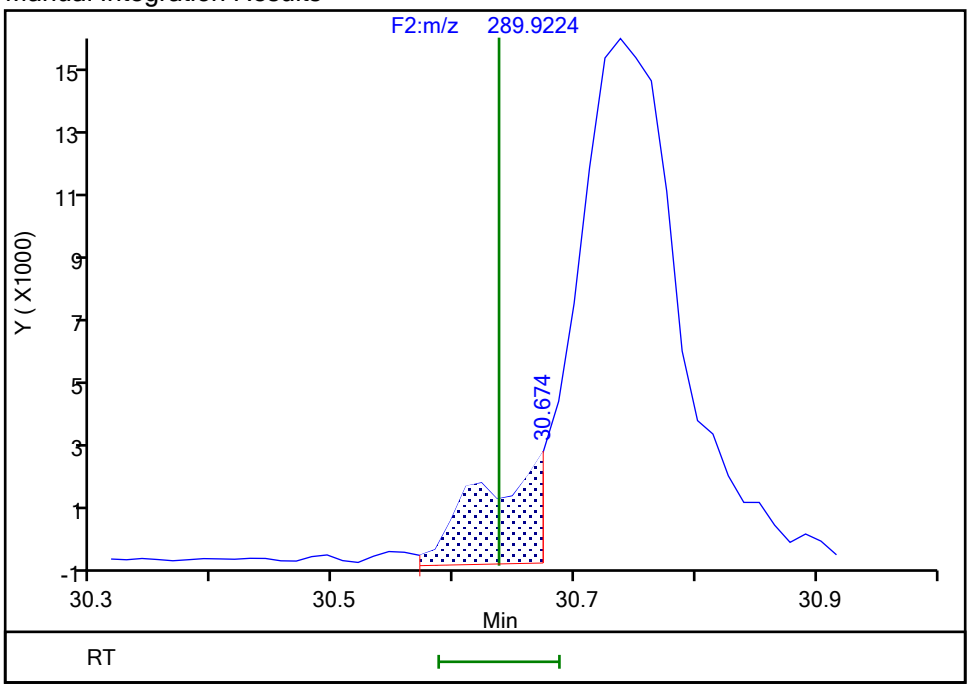
Not Detected
Expected RT: 30.64

Processing Integration Results



Manual Integration Results

RT: 30.67
Area: 11211
Amount: 0.384446
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:47:43 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

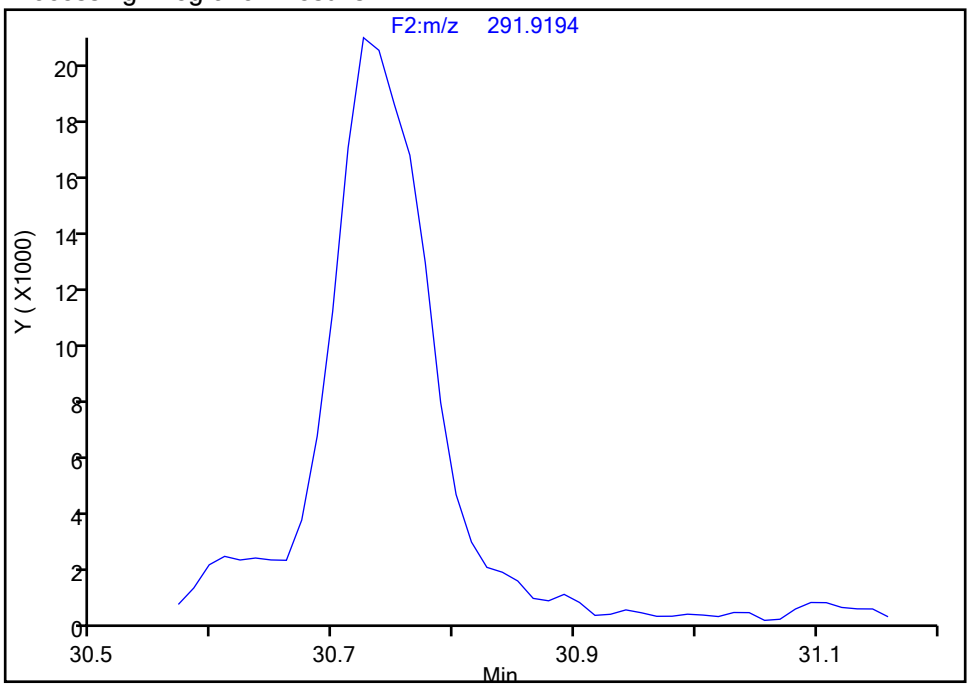
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 2

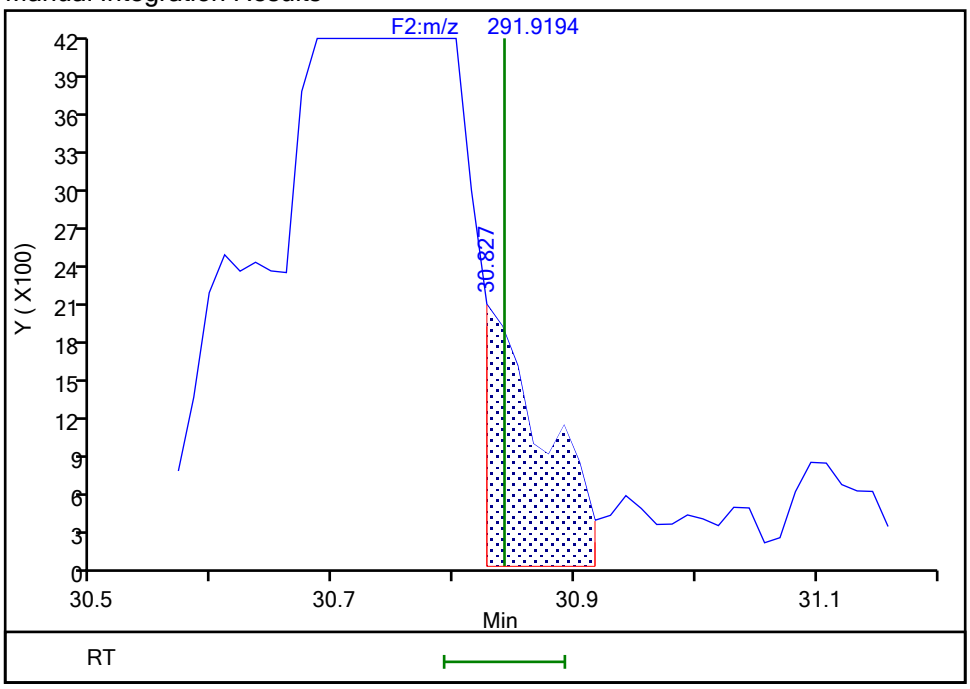
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.83
Area: 6440
Amount: 0.235958
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:47:52 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

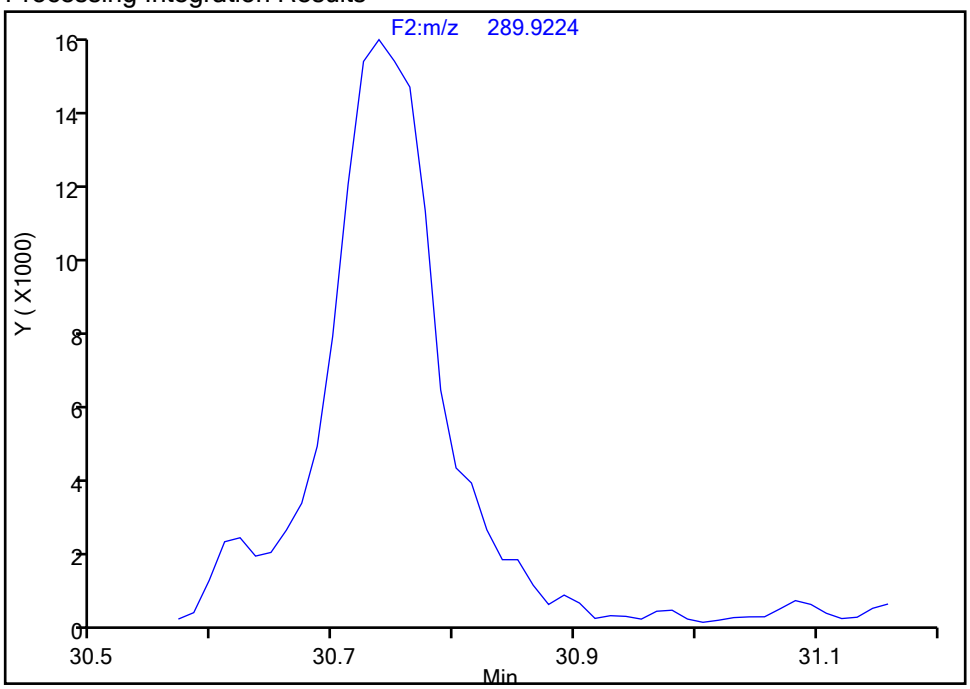
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 1

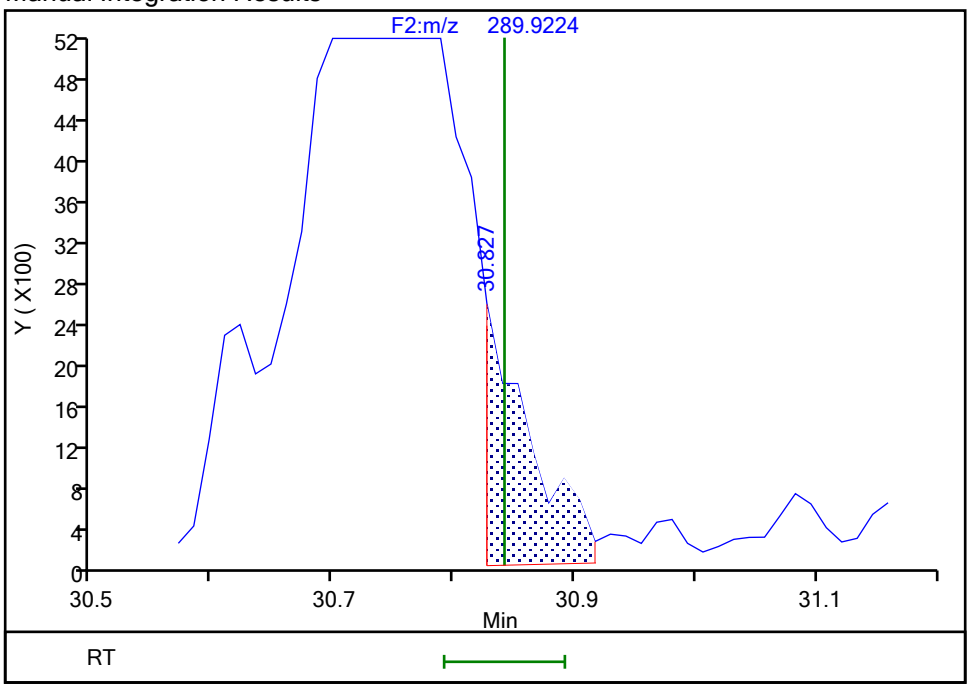
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.83
Area: 6079
Amount: 0.235958
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:47:54 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

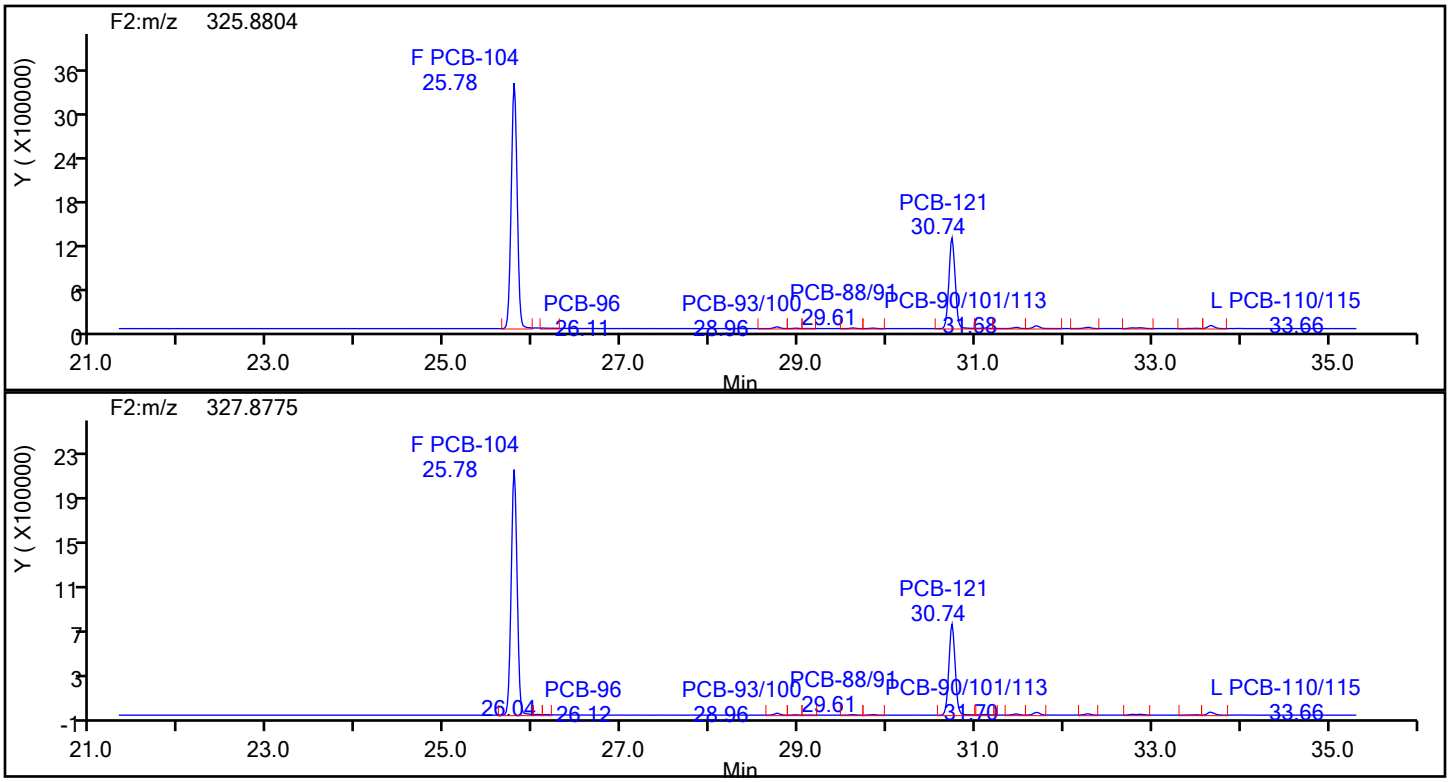
Report Date: 04-Jan-2024 20:01:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

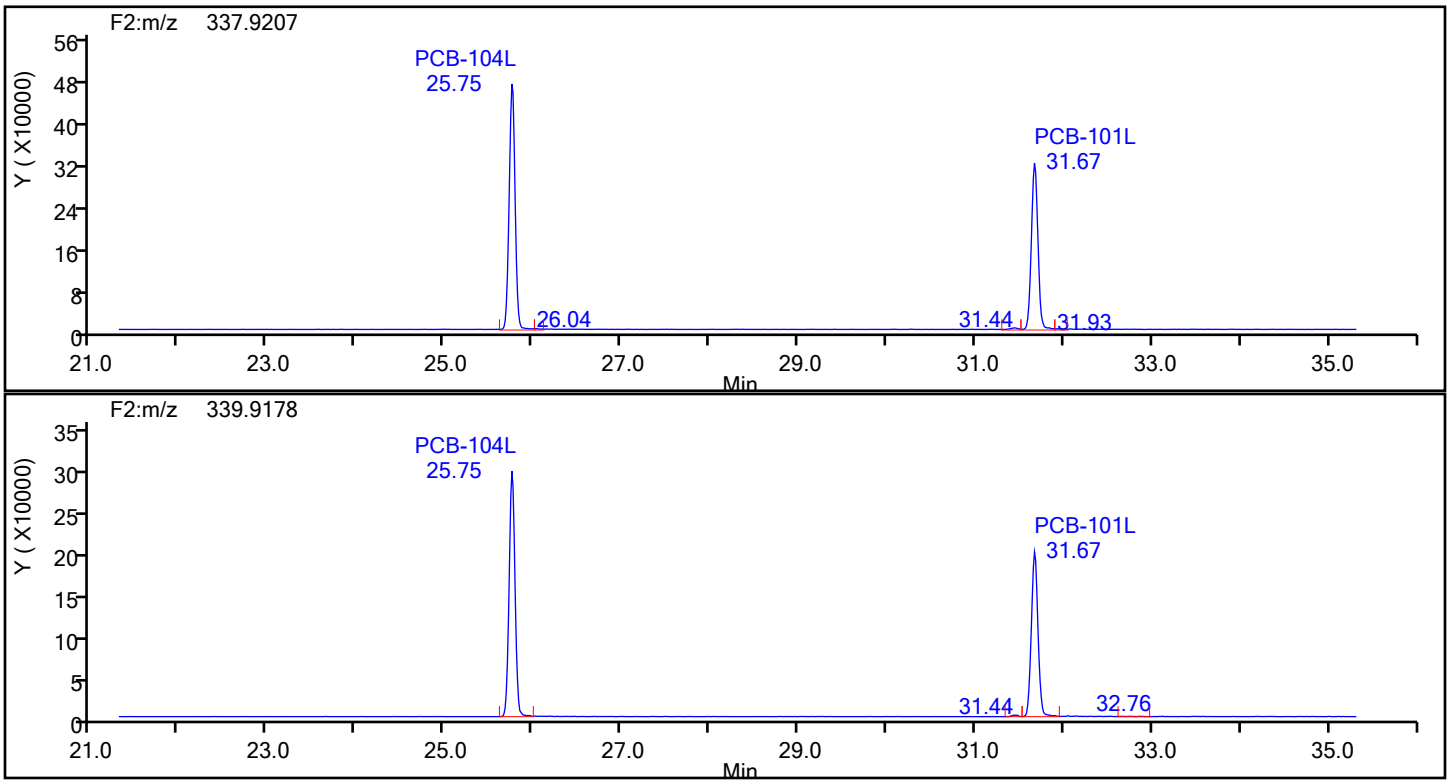
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

PePCB F2



PePCB F2 Standards

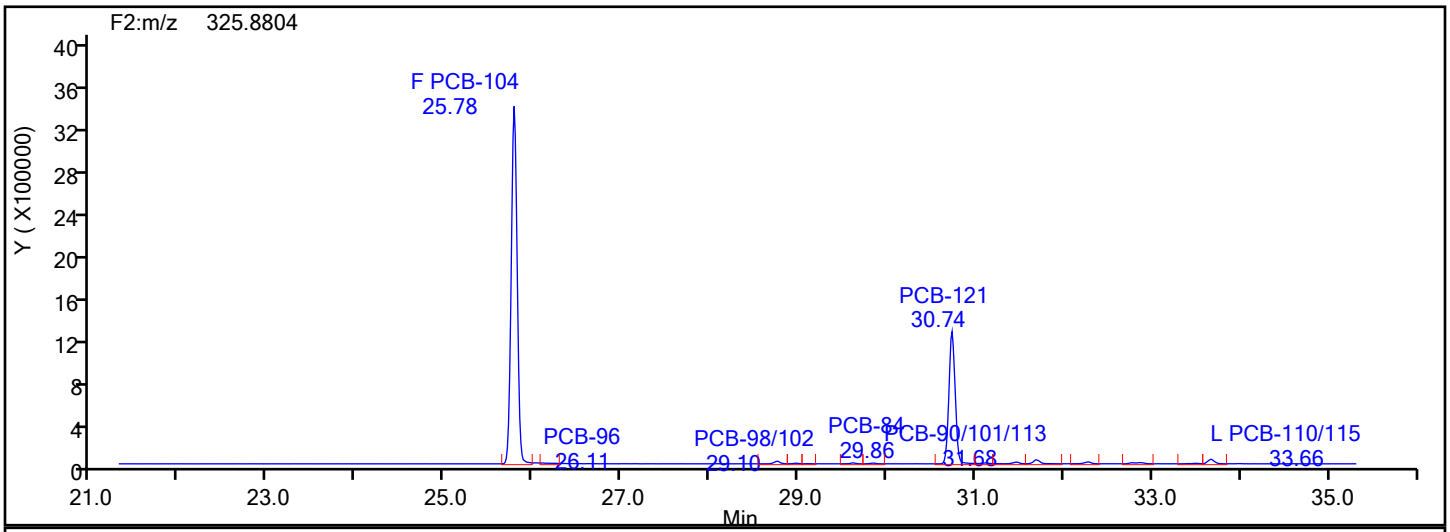


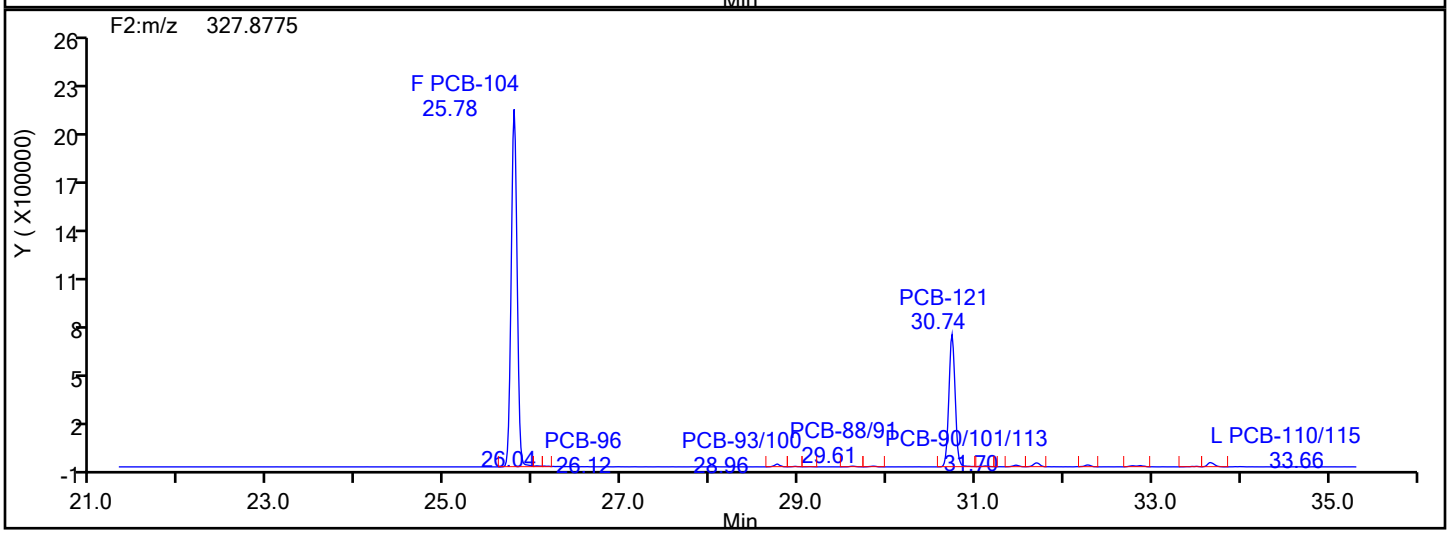
Report Date: 04-Jan-2024 20:01:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

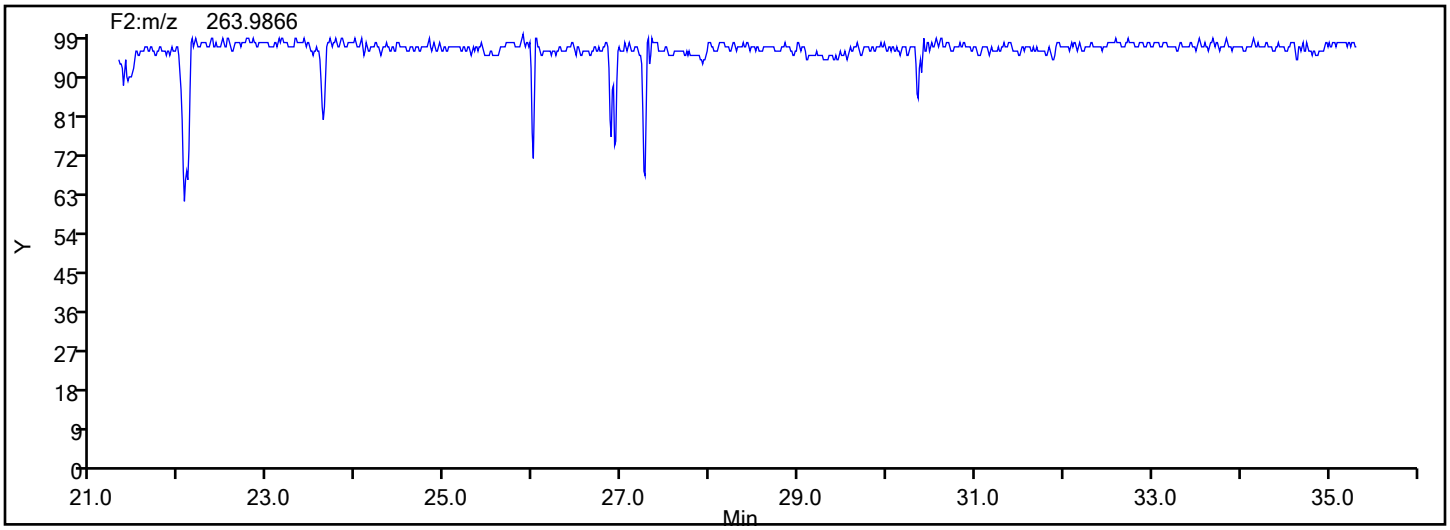
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Eurofins Knoxville

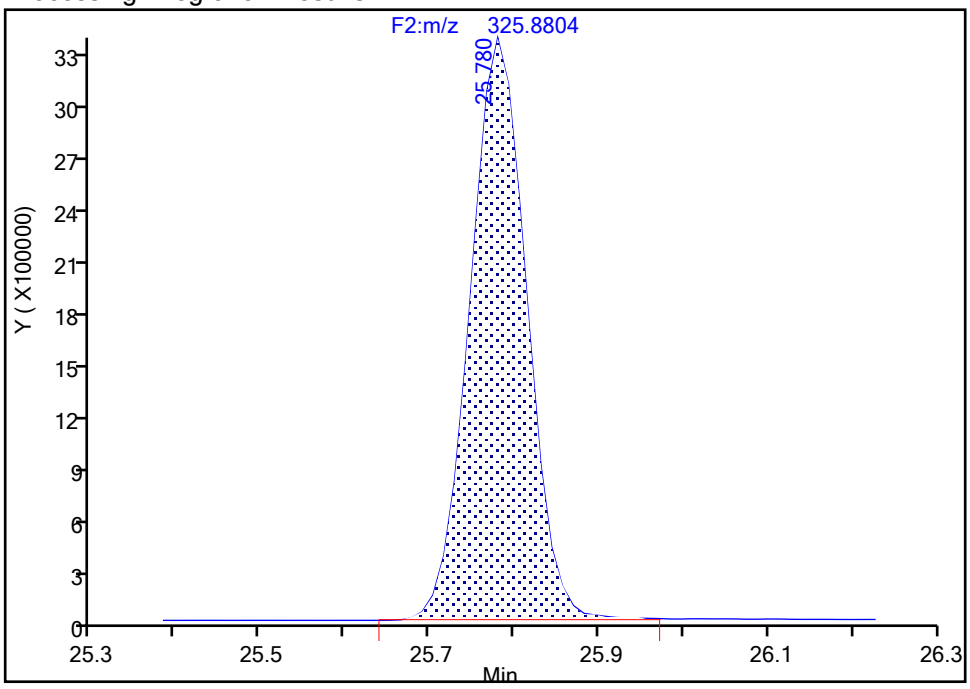
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-104, CAS: 56558-16-8

Signal: 1

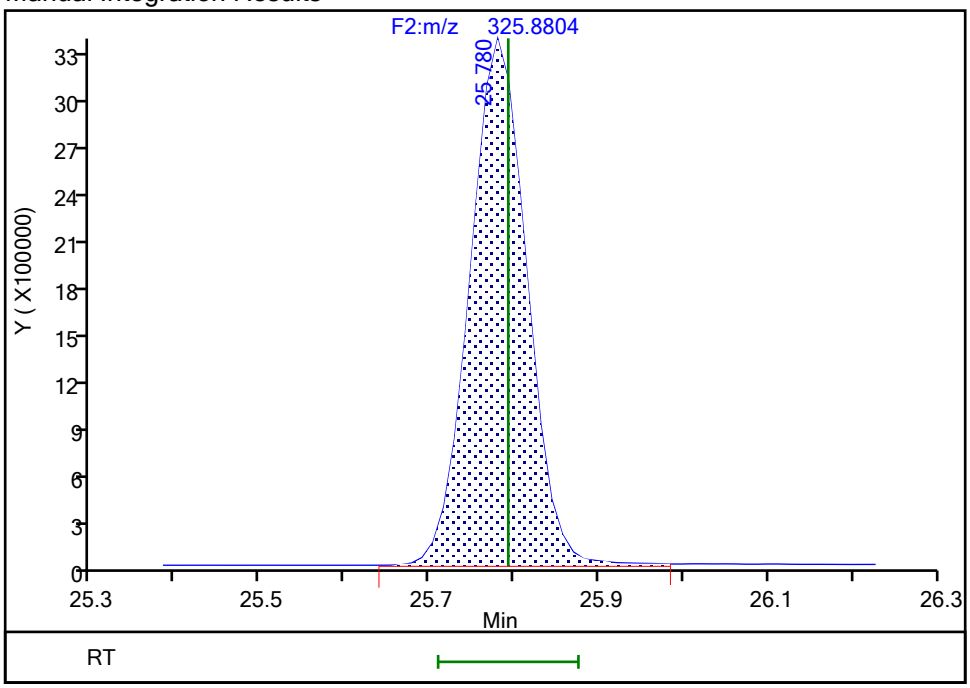
Processing Integration Results

RT: 25.78
Area: 15690016
Amount: 716.9376
Amount Units: pg/ul



Manual Integration Results

RT: 25.78
Area: 15800458
Amount: 720.0171
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:48:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

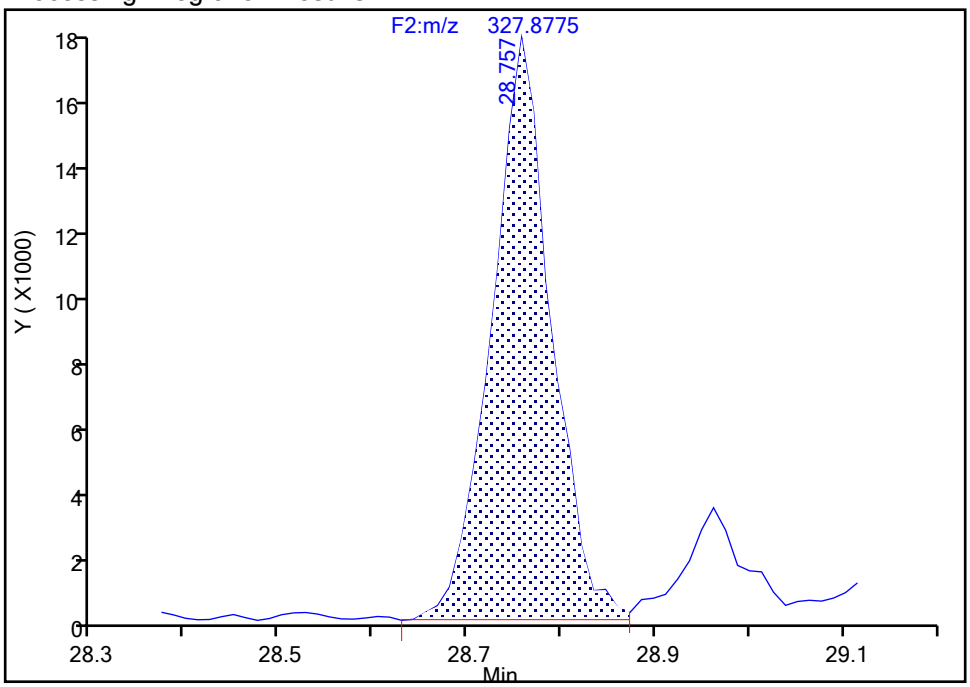
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-95, CAS: 38379-99-6

Signal: 2

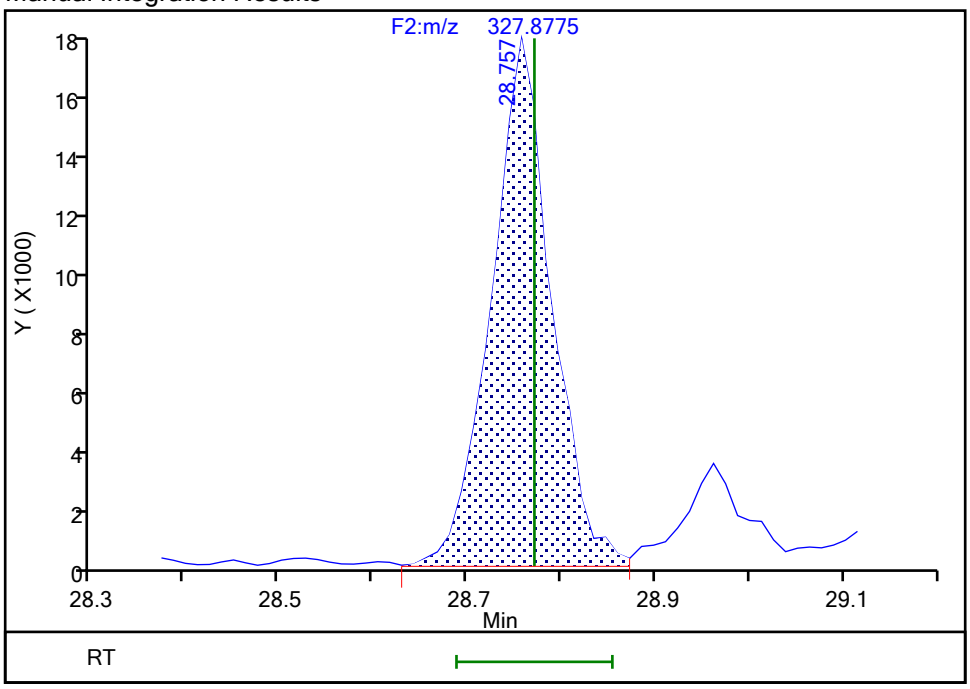
Processing Integration Results

RT: 28.76
Area: 75968
Amount: 6.896661
Amount Units: pg/ul



Manual Integration Results

RT: 28.76
Area: 75968
Amount: 6.896661
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:49:36 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

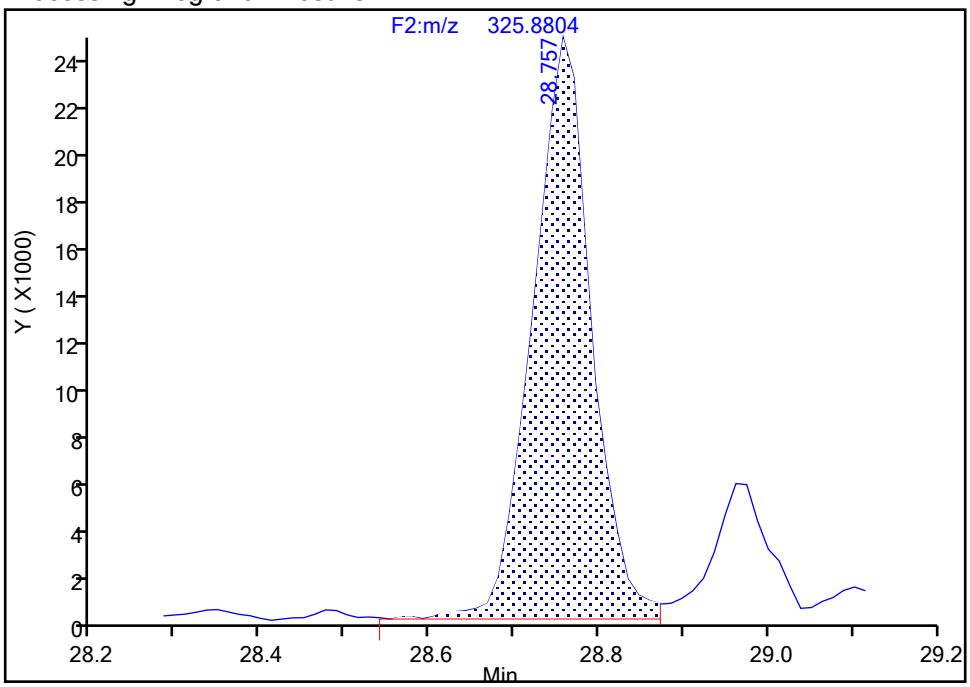
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-95, CAS: 38379-99-6

Signal: 1

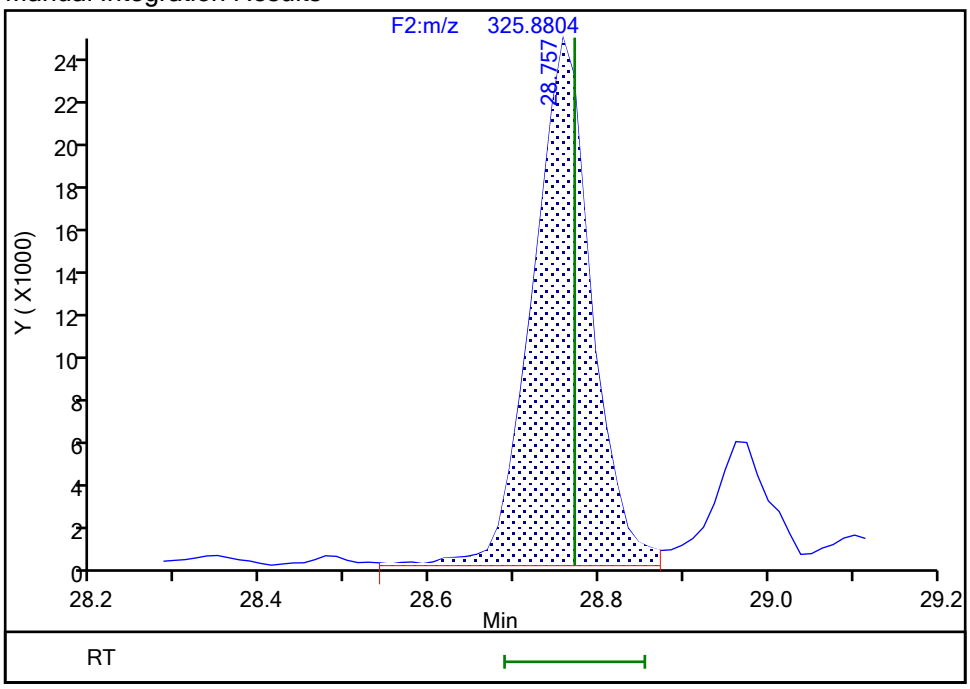
Processing Integration Results

RT: 28.76
Area: 118927
Amount: 6.896661
Amount Units: pg/ul



Manual Integration Results

RT: 28.76
Area: 118927
Amount: 6.896661
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:49:45 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

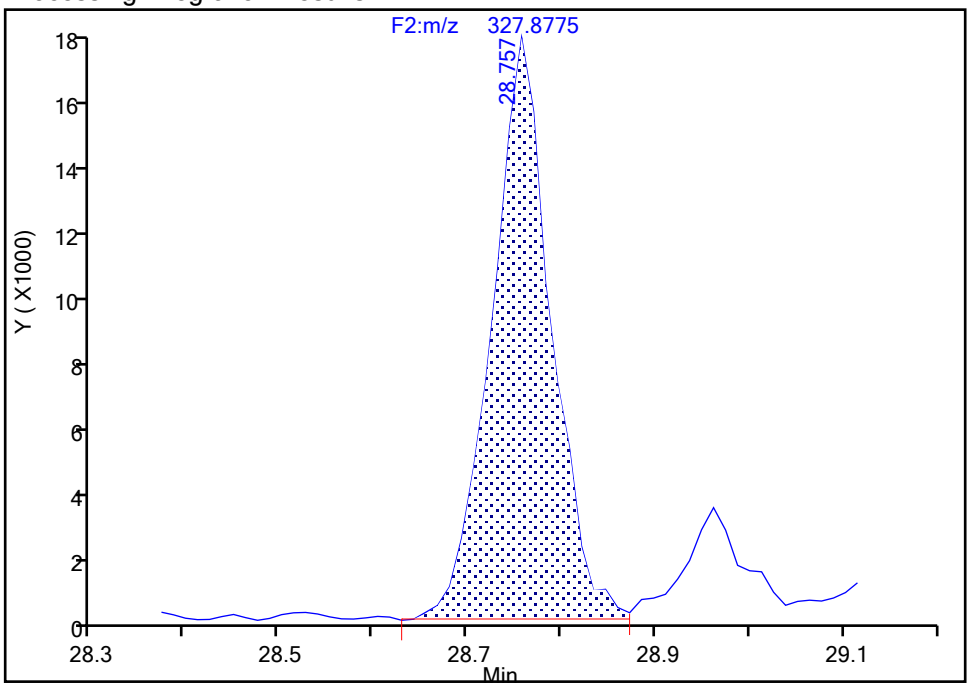
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-95, CAS: 38379-99-6

Signal: 2

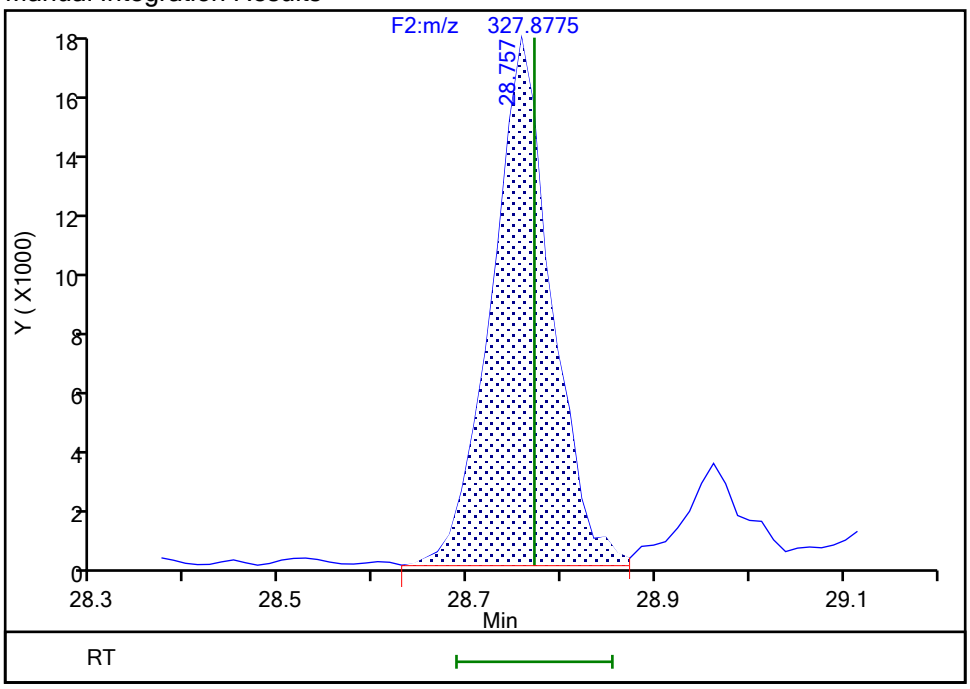
Processing Integration Results

RT: 28.76
Area: 75968
Amount: 6.896661
Amount Units: pg/ul



Manual Integration Results

RT: 28.76
Area: 75968
Amount: 6.896661
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:49:45 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

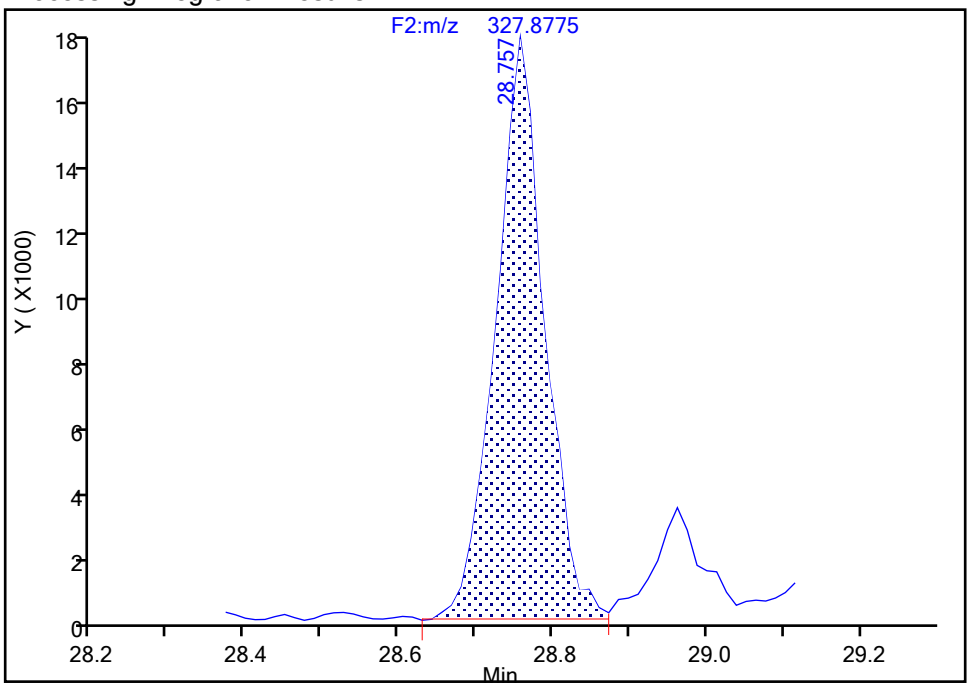
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Instrument ID: D2D
Lims ID: 140-34509-A-2-B Lab Sample ID: 140-34509-2
Client ID: PW-01-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-95, CAS: 38379-99-6

Signal: 3

Processing Integration Results

RT: 28.76
Area: 194895
Amount: 6.896661
Amount Units: pg/ul



Manual Integration Results

RT: 28.76
Area: 194895
Amount: 6.896661
Amount Units: pg/ul
Reviewer: V4XA, 04-Jan-2024 19:49:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

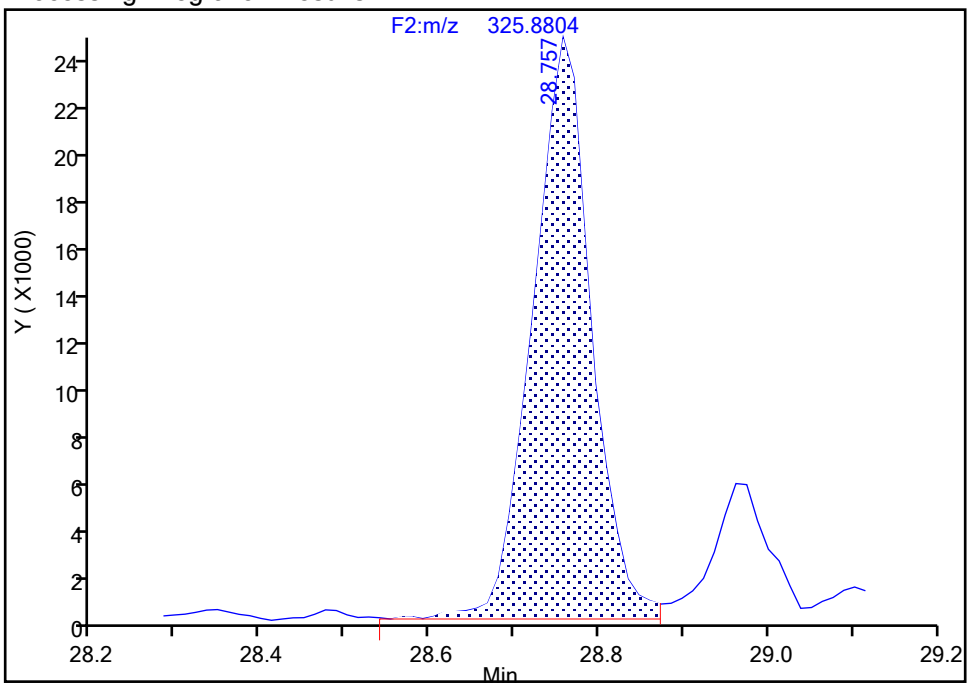
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-95, CAS: 38379-99-6

Signal: 1

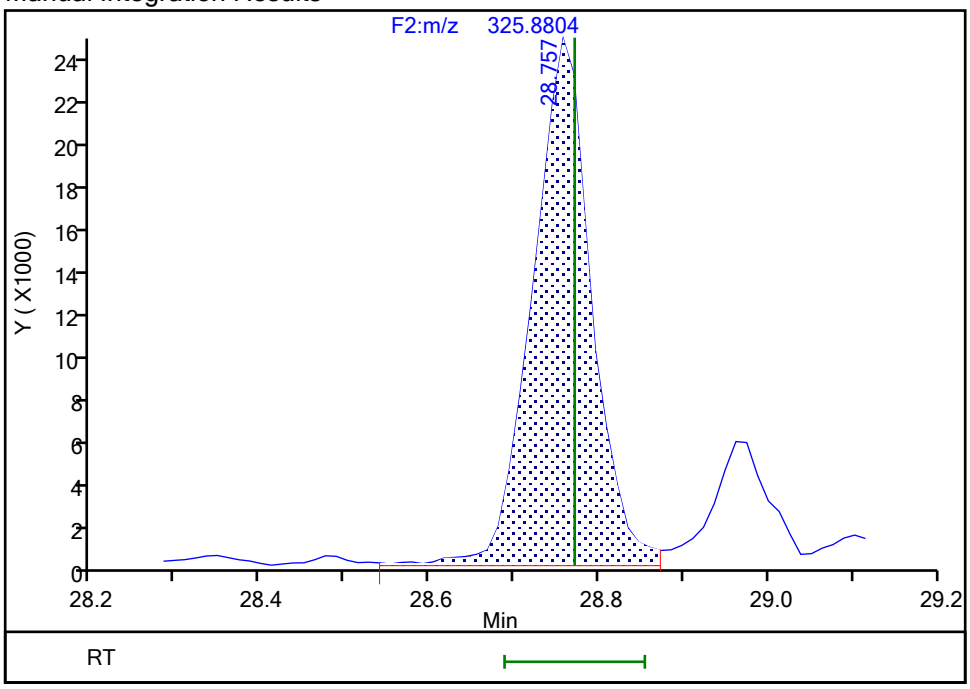
Processing Integration Results

RT: 28.76
Area: 118927
Amount: 6.896661
Amount Units: pg/ul



Manual Integration Results

RT: 28.76
Area: 118927
Amount: 6.896661
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:49:47 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

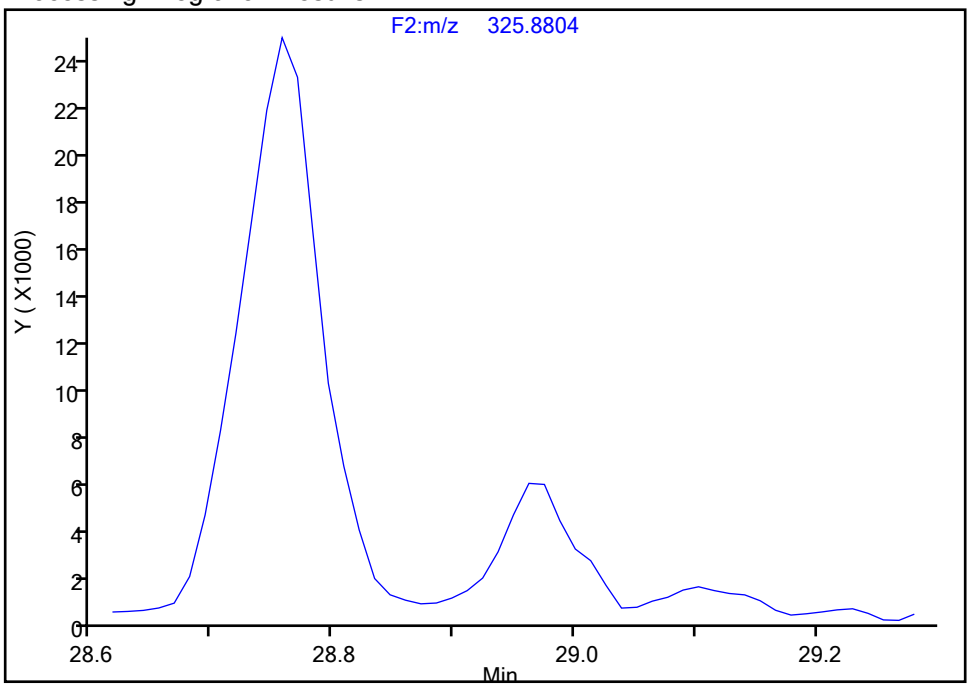
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 1

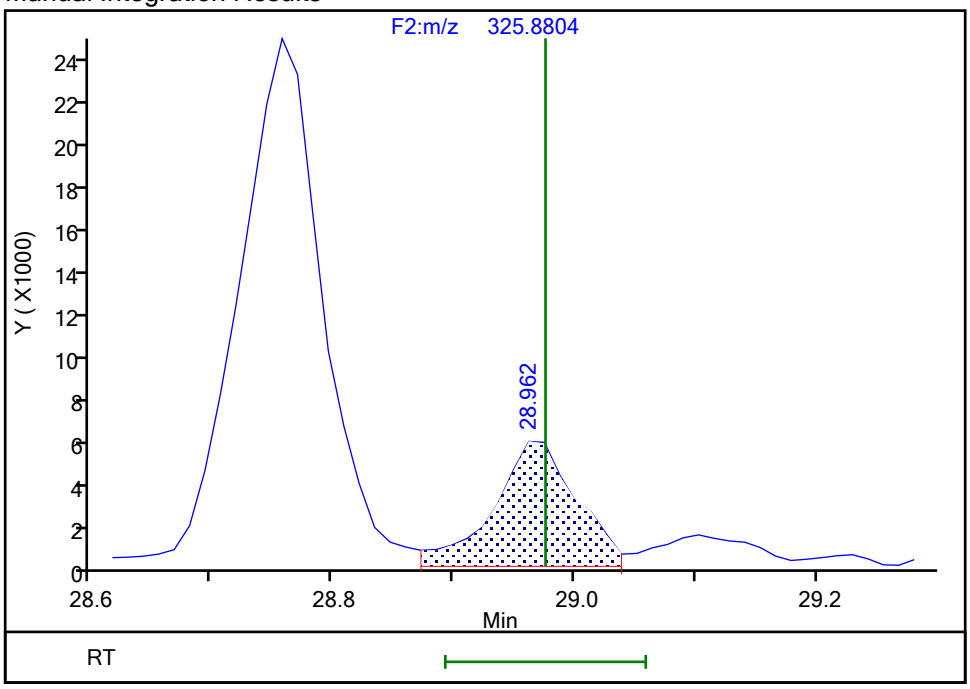
Not Detected
Expected RT: 28.98

Processing Integration Results



Manual Integration Results

RT: 28.96
Area: 27147
Amount: 1.507536
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:50:00 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

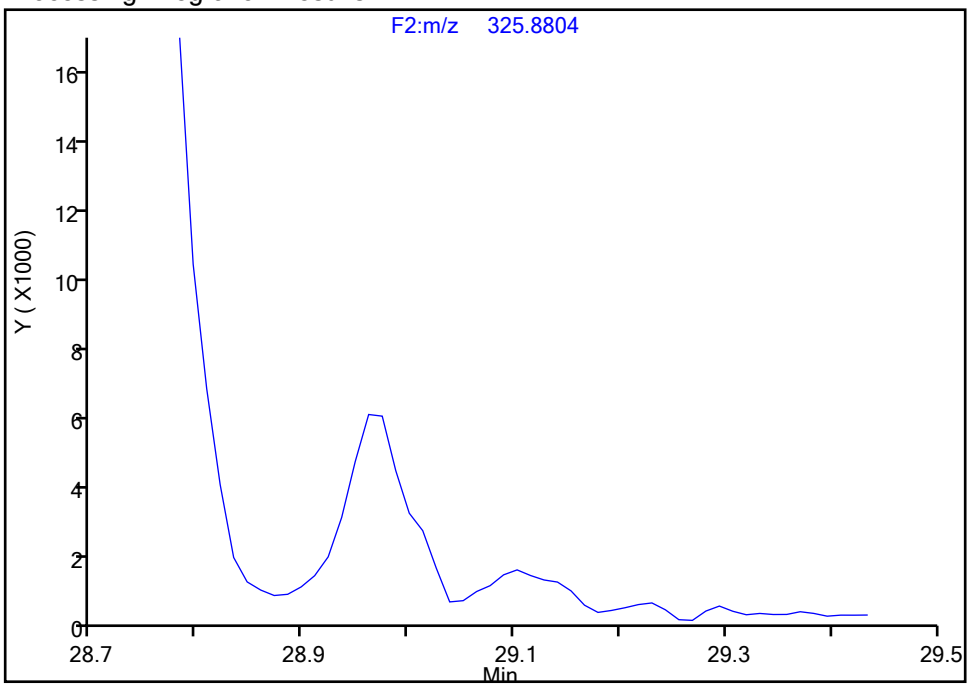
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-98/102, CAS: STL01843

Signal: 1

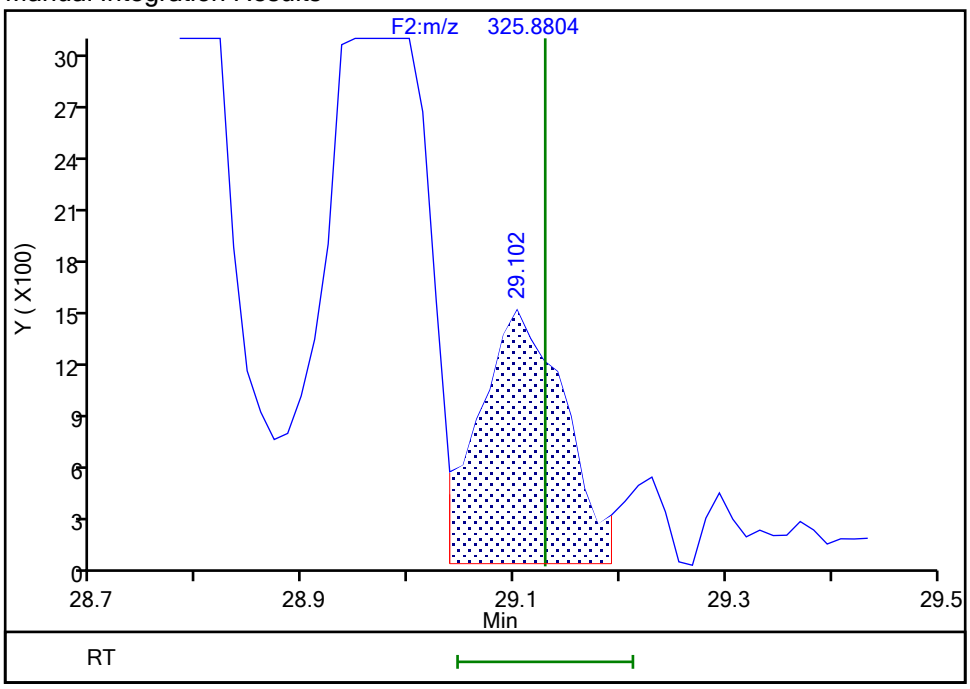
Not Detected
Expected RT: 29.13

Processing Integration Results



Manual Integration Results

RT: 29.10
Area: 7928
Amount: 0.452043
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:50:03 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

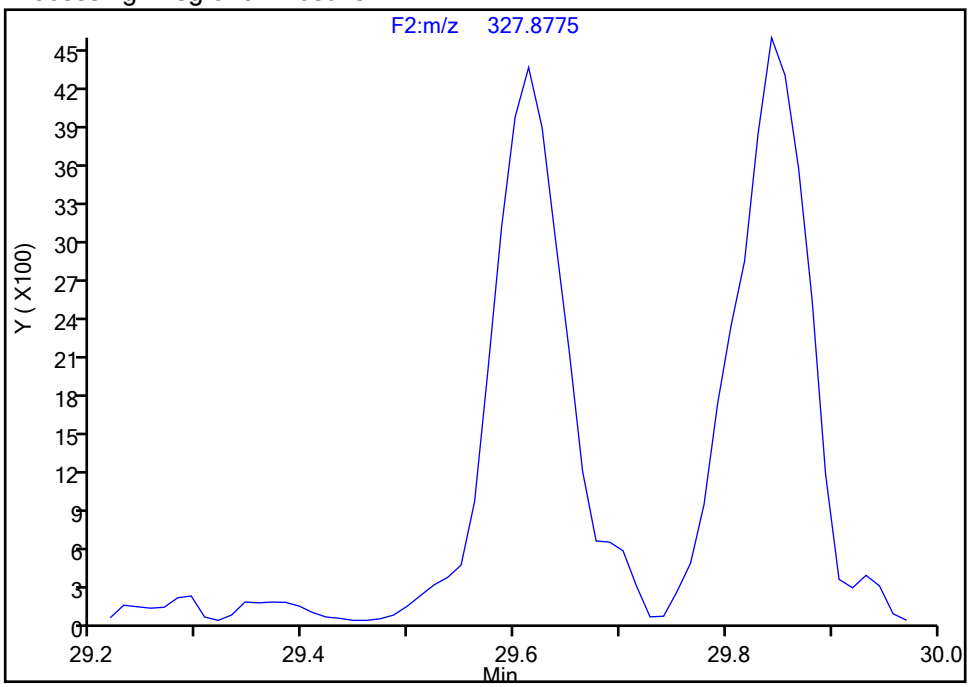
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 2

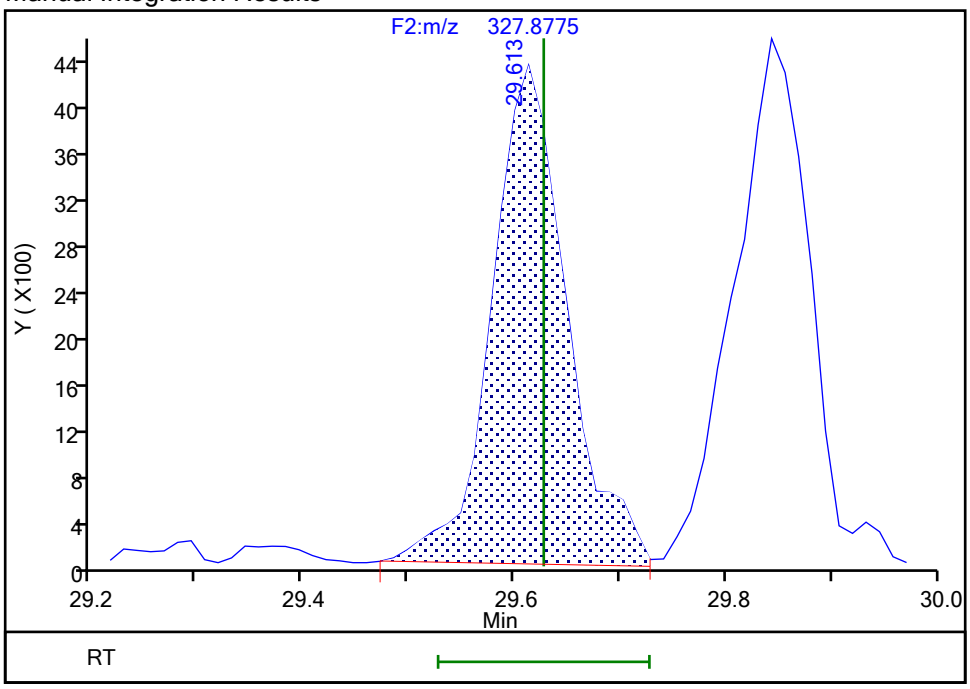
Not Detected
Expected RT: 29.63

Processing Integration Results



Manual Integration Results

RT: 29.61
Area: 21061
Amount: 2.131136
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:50:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

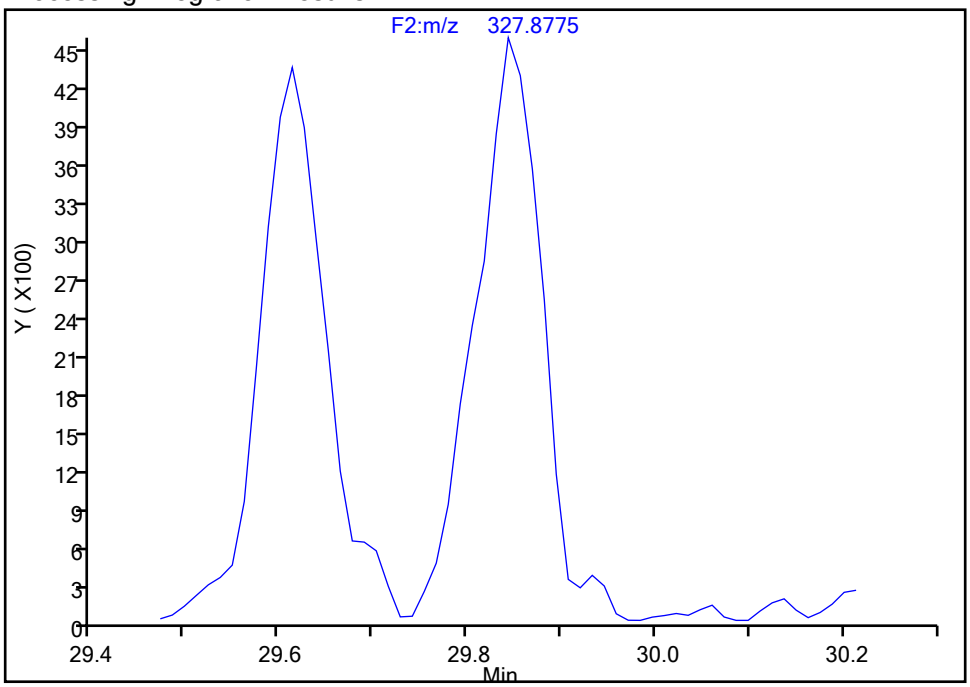
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-84, CAS: 52663-60-2

Signal: 2

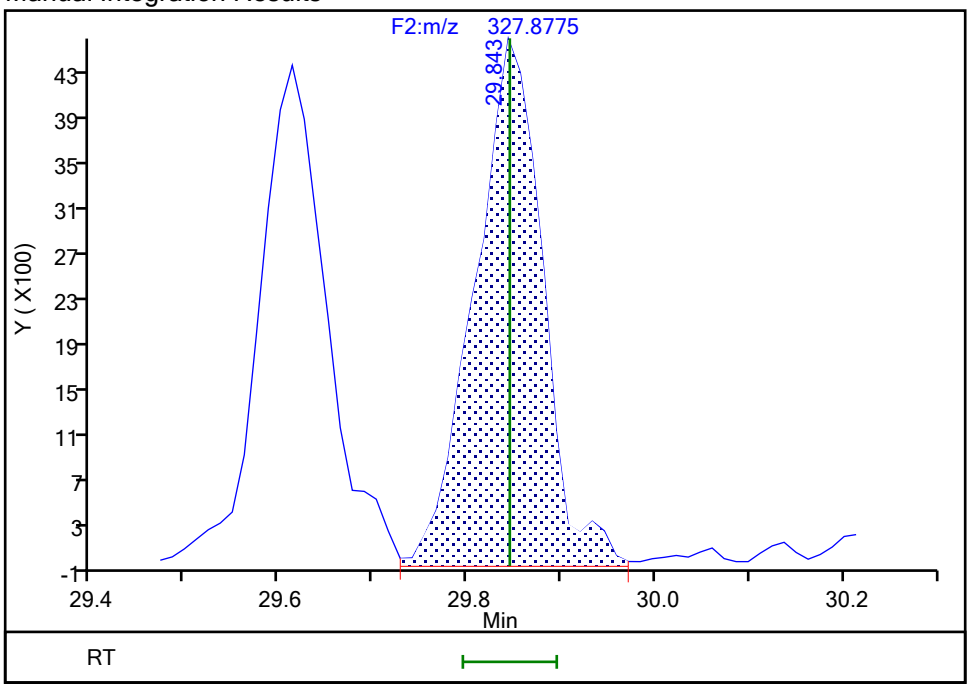
Not Detected
Expected RT: 29.84

Processing Integration Results



Manual Integration Results

RT: 29.84
Area: 22735
Amount: 2.303395
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:50:30 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

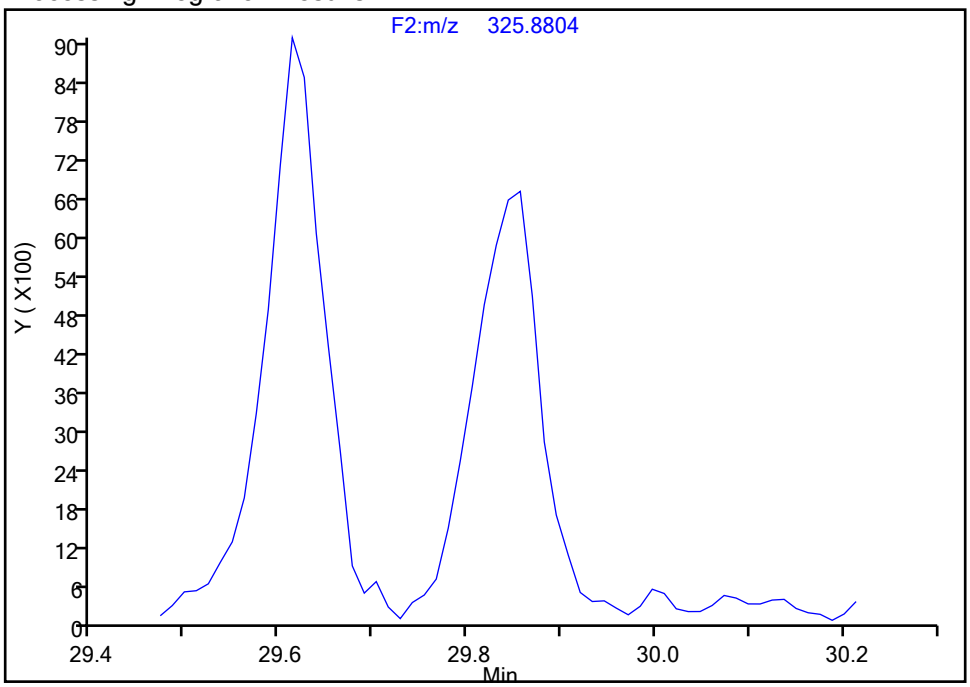
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-84, CAS: 52663-60-2

Signal: 1

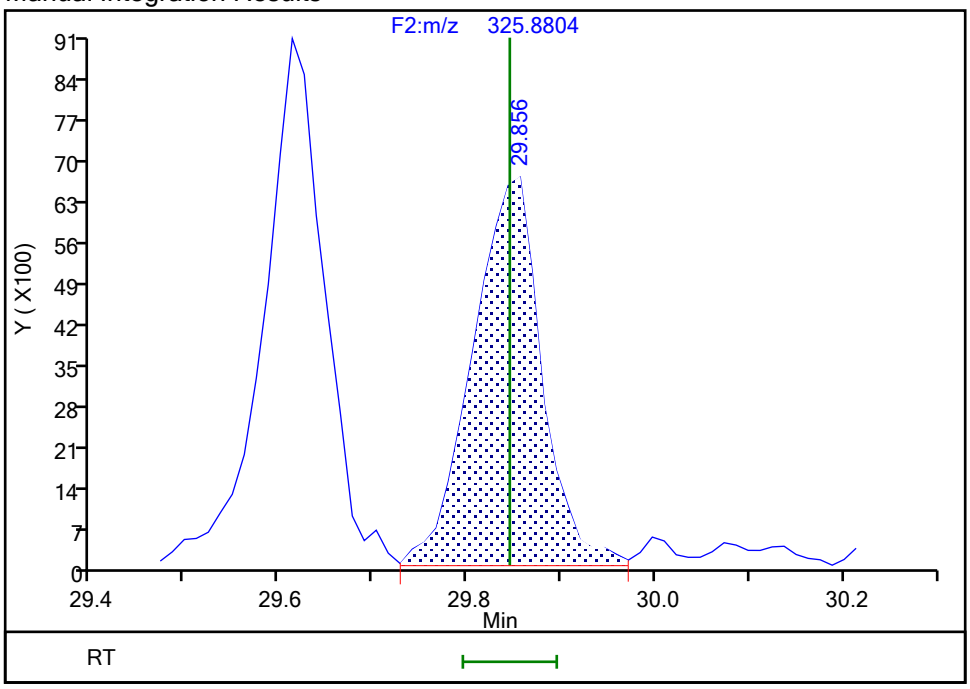
Not Detected
Expected RT: 29.84

Processing Integration Results



Manual Integration Results

RT: 29.86
Area: 33587
Amount: 2.303395
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:50:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

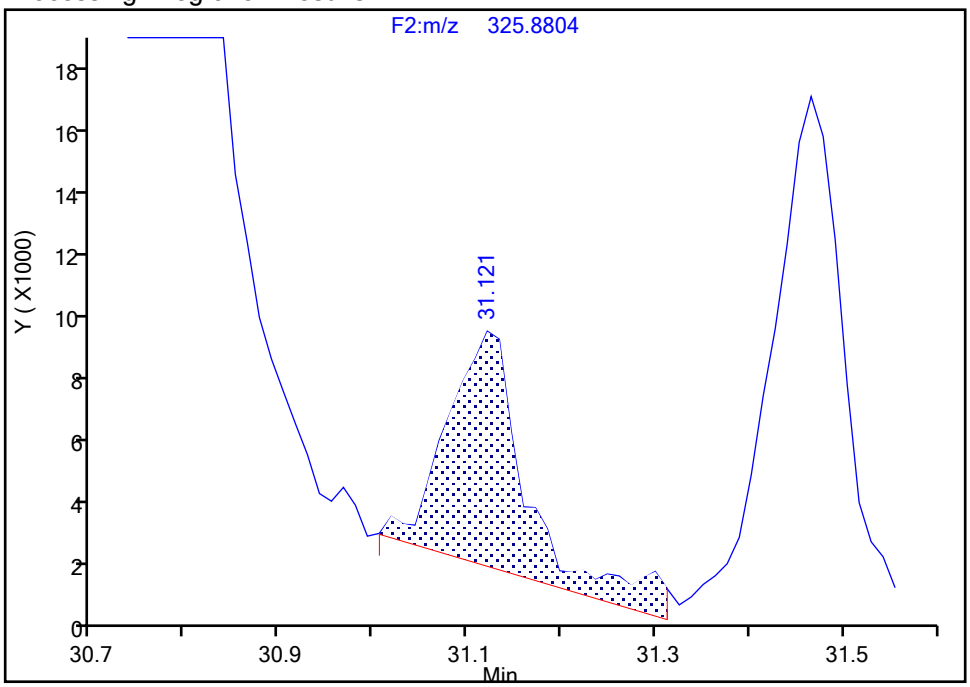
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-92, CAS: 52663-61-3

Signal: 1

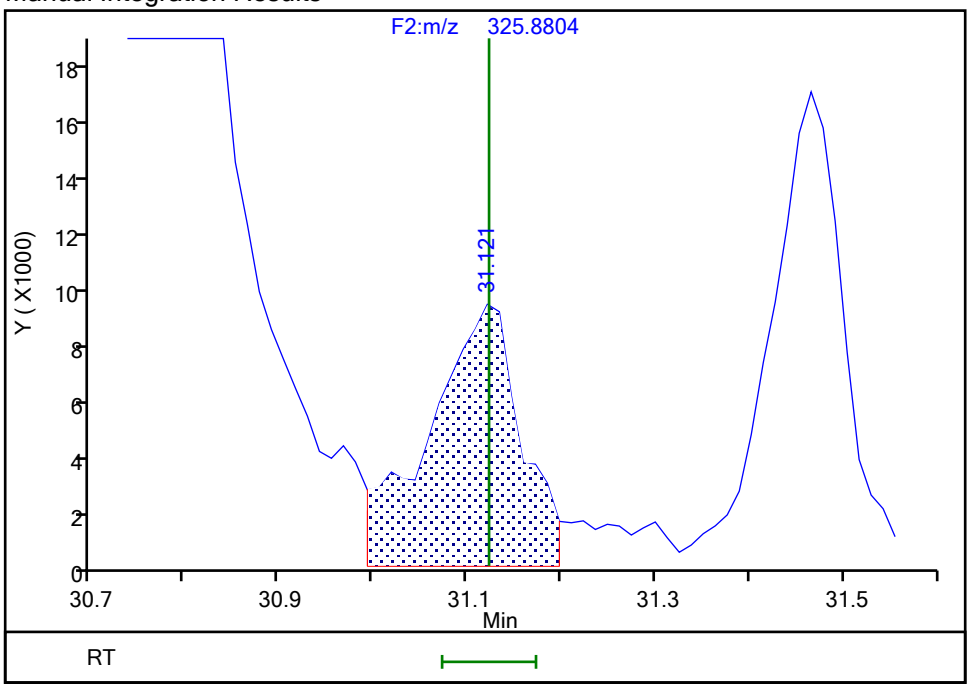
Processing Integration Results

RT: 31.12
Area: 43212
Amount: 2.511787
Amount Units: pg/ul



Manual Integration Results

RT: 31.12
Area: 60221
Amount: 3.478904
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:50:56 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

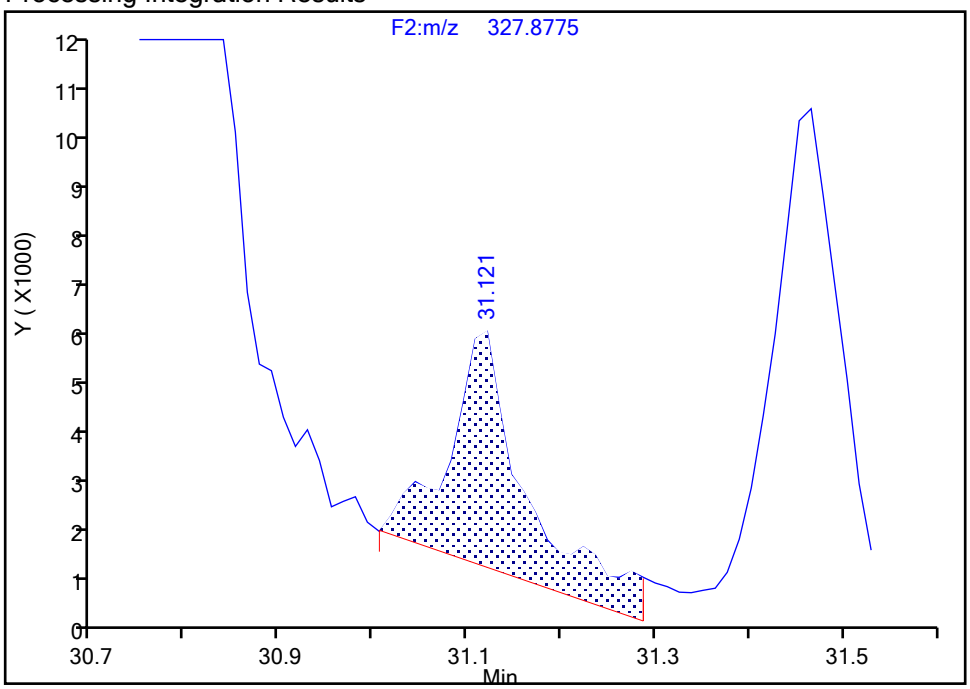
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-92, CAS: 52663-61-3

Signal: 2

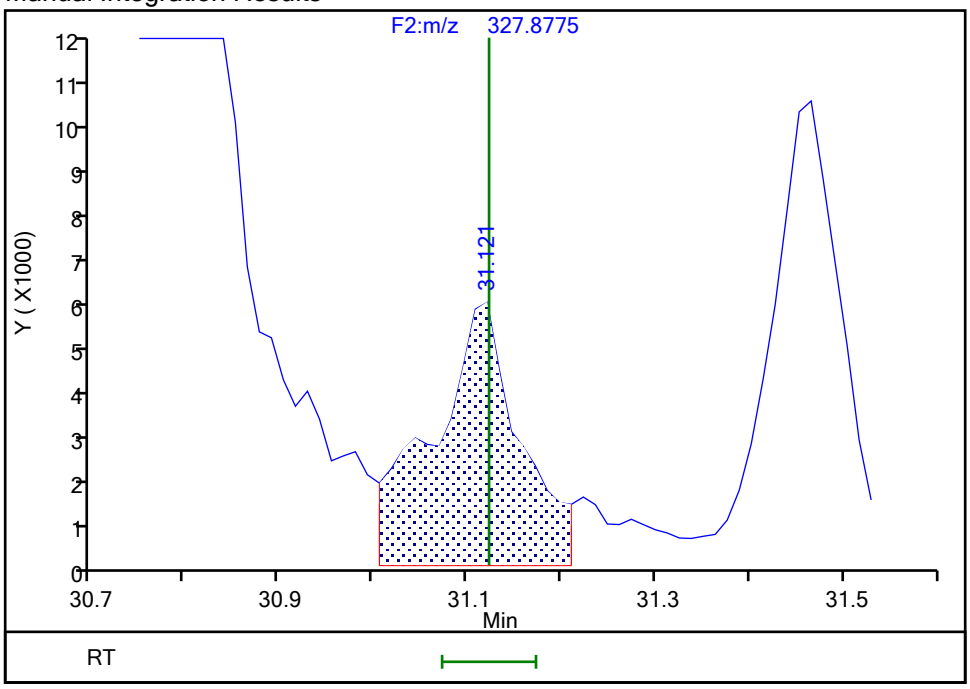
Processing Integration Results

RT: 31.12
Area: 26720
Amount: 2.511787
Amount Units: pg/ul



Manual Integration Results

RT: 31.12
Area: 36637
Amount: 3.478904
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:51:04 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

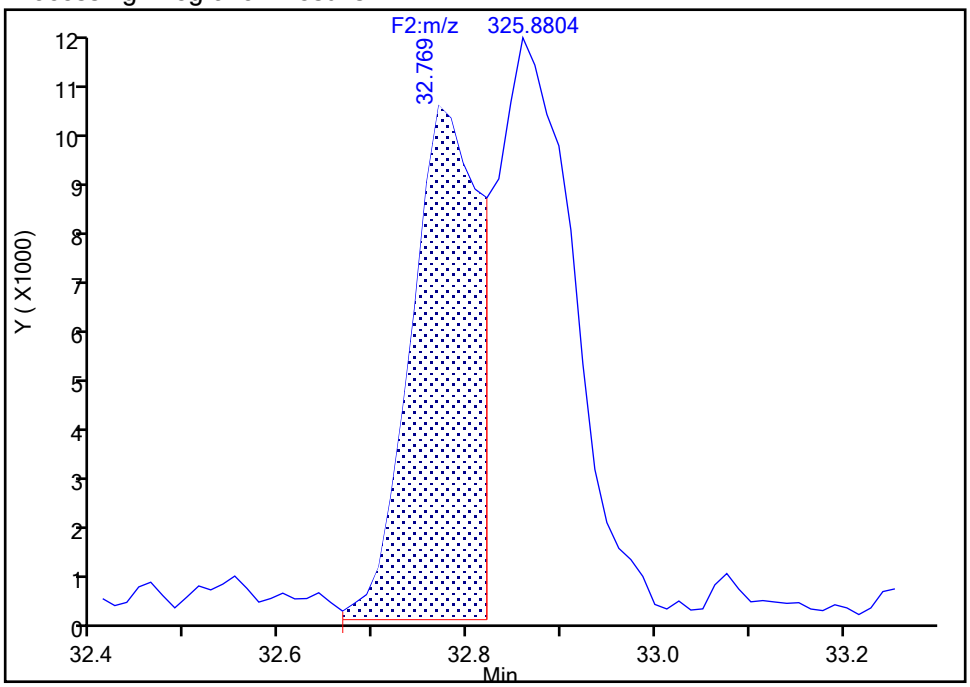
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

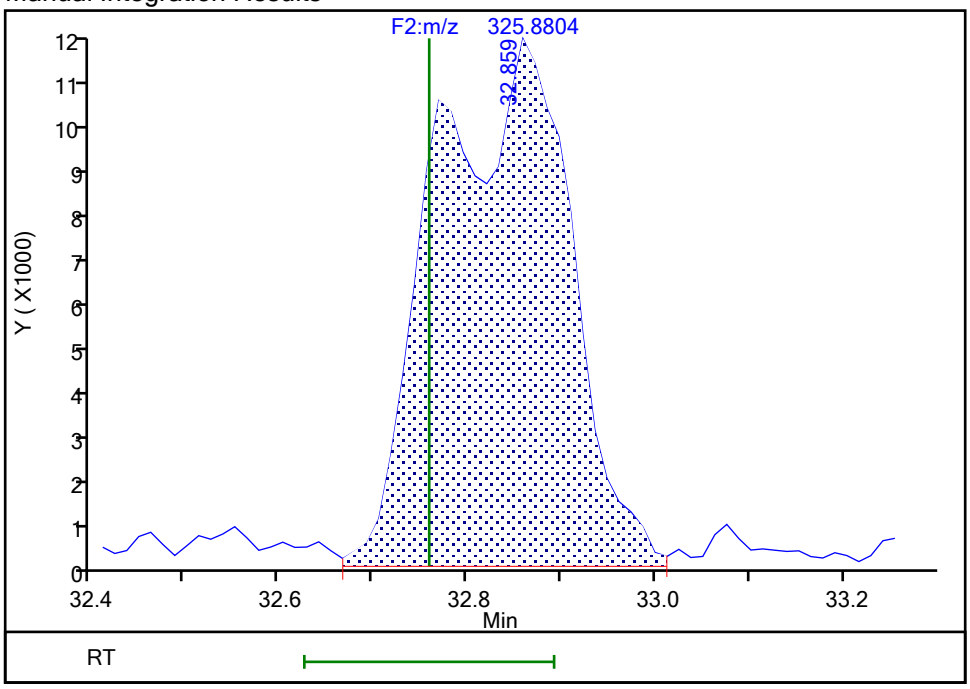
Processing Integration Results

RT: 32.77
Area: 49530
Amount: 2.233677
Amount Units: pg/ul



Manual Integration Results

RT: 32.86
Area: 114533
Amount: 5.090171
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:51:45 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

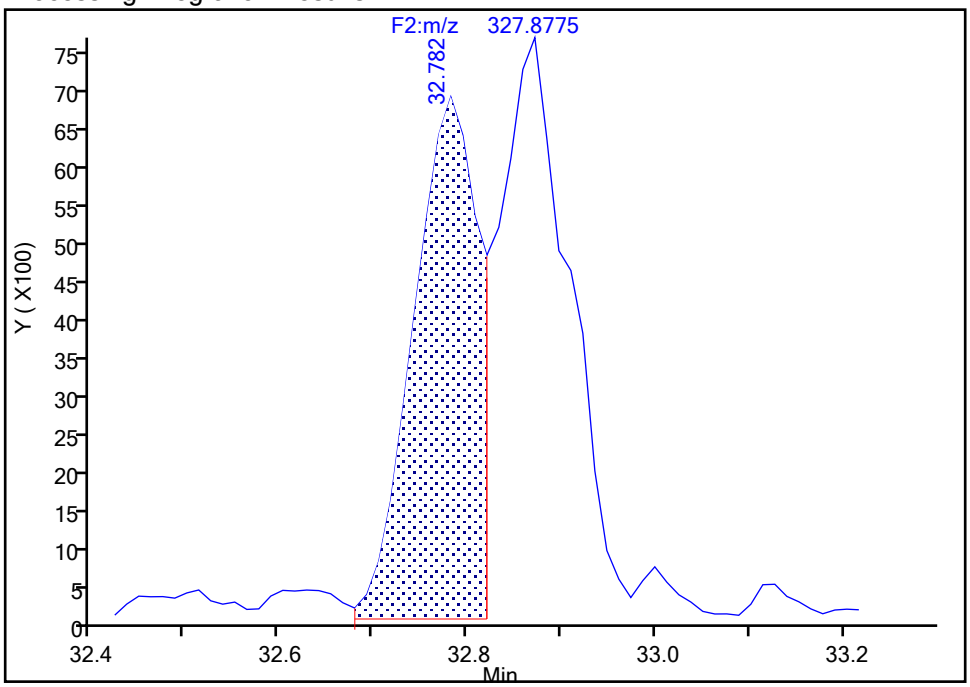
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

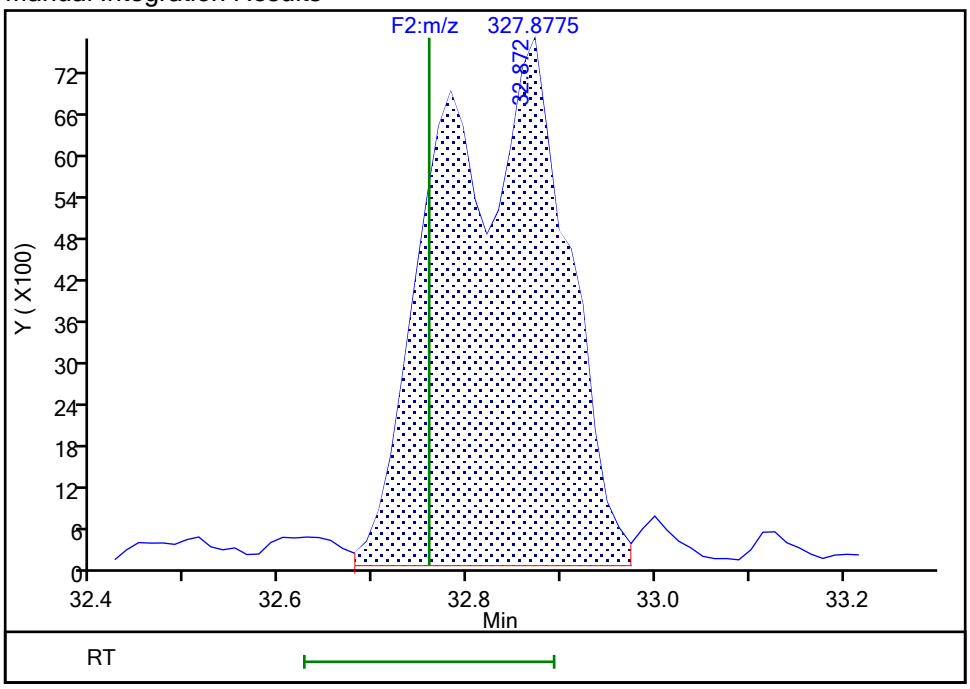
Processing Integration Results

RT: 32.78
Area: 32398
Amount: 2.233677
Amount Units: pg/ul



Manual Integration Results

RT: 32.87
Area: 72167
Amount: 5.090171
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:51:50 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

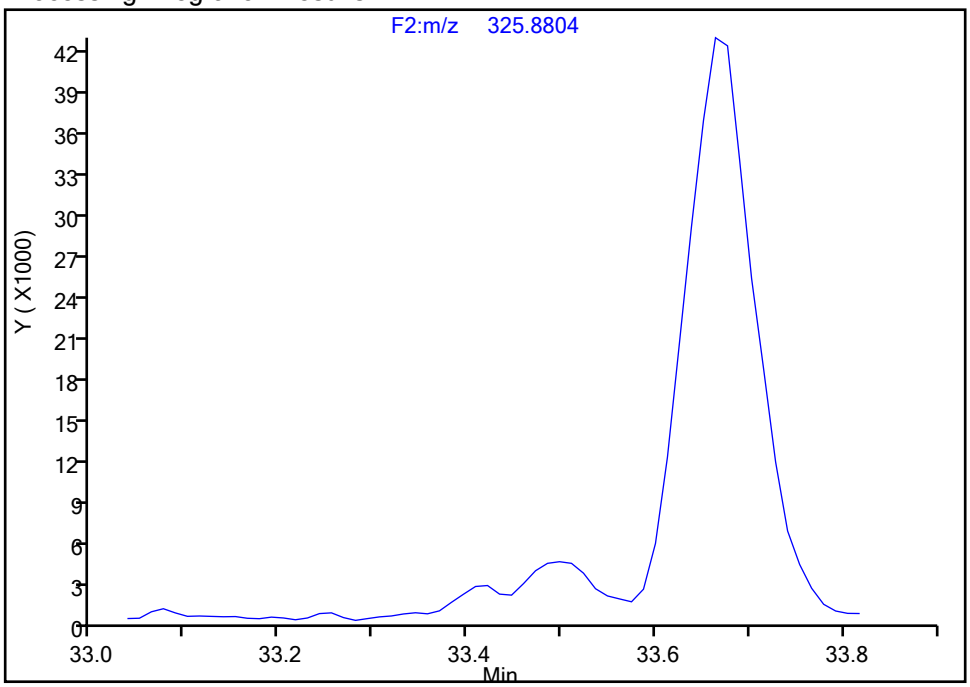
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 1

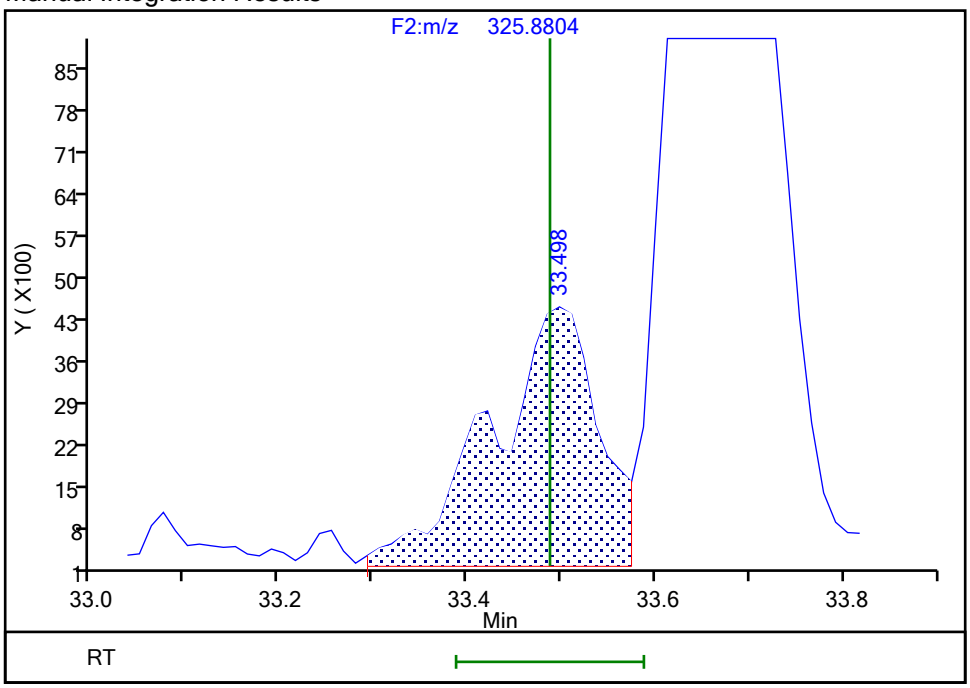
Not Detected
Expected RT: 33.49

Processing Integration Results



Manual Integration Results

RT: 33.50
Area: 33844
Amount: 1.539371
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:52:09 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

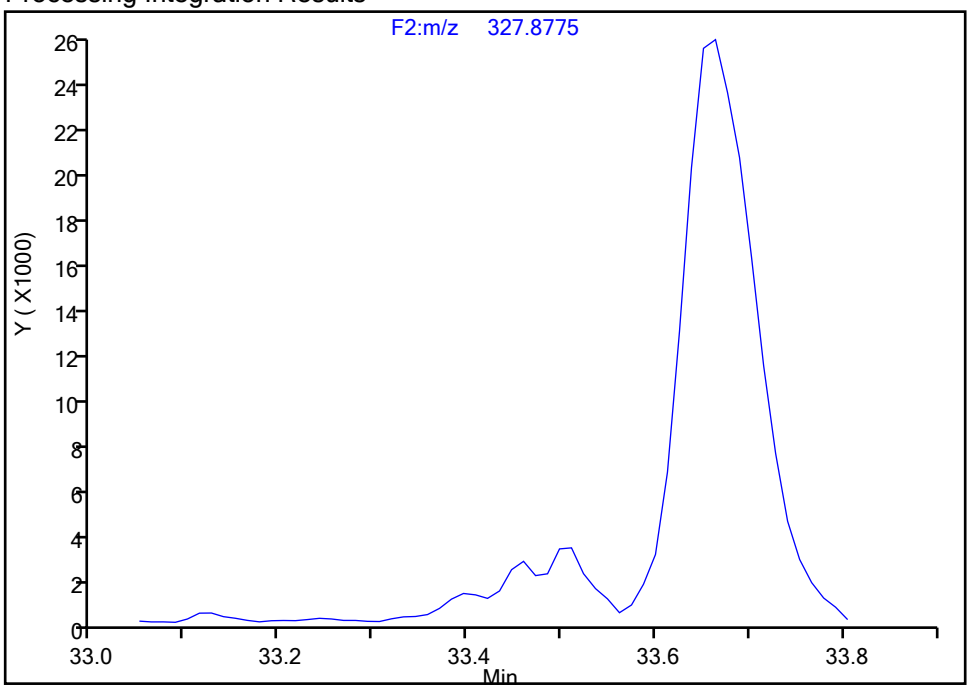
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 2

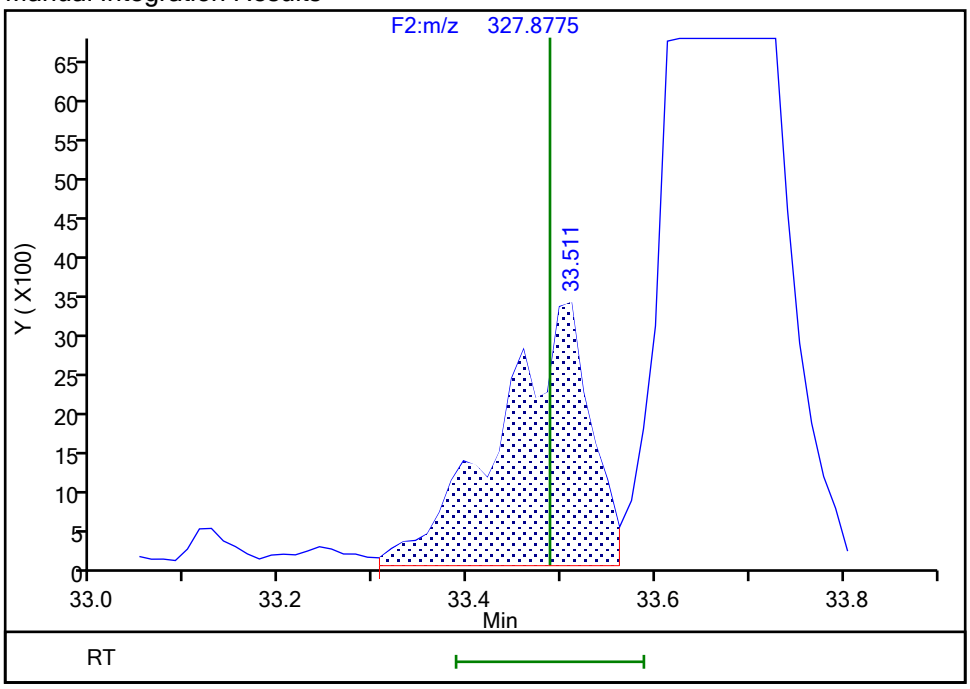
Not Detected
Expected RT: 33.49

Processing Integration Results



Manual Integration Results

RT: 33.51
Area: 22370
Amount: 1.539371
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:52:14 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

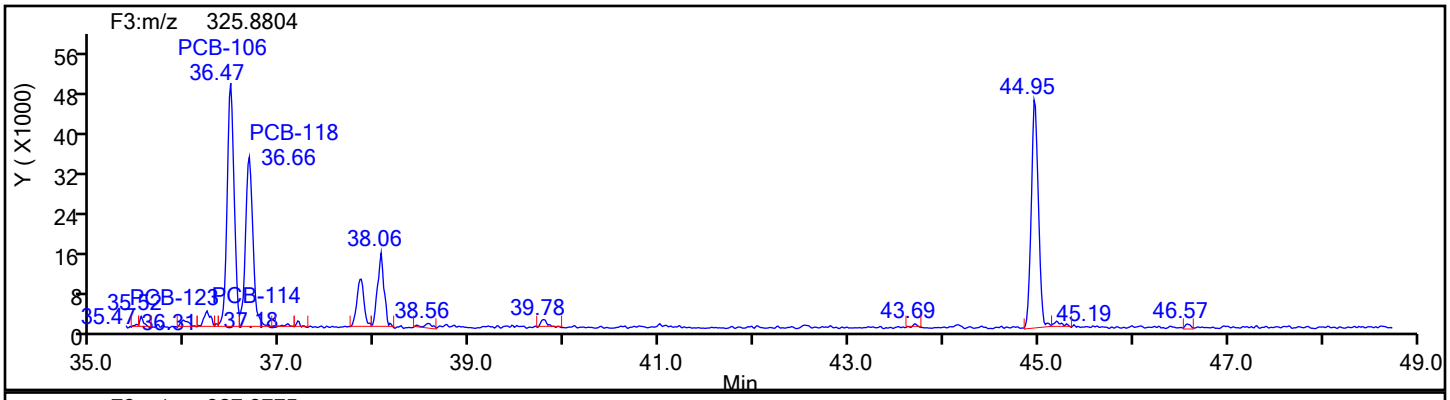
Report Date: 04-Jan-2024 20:01:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

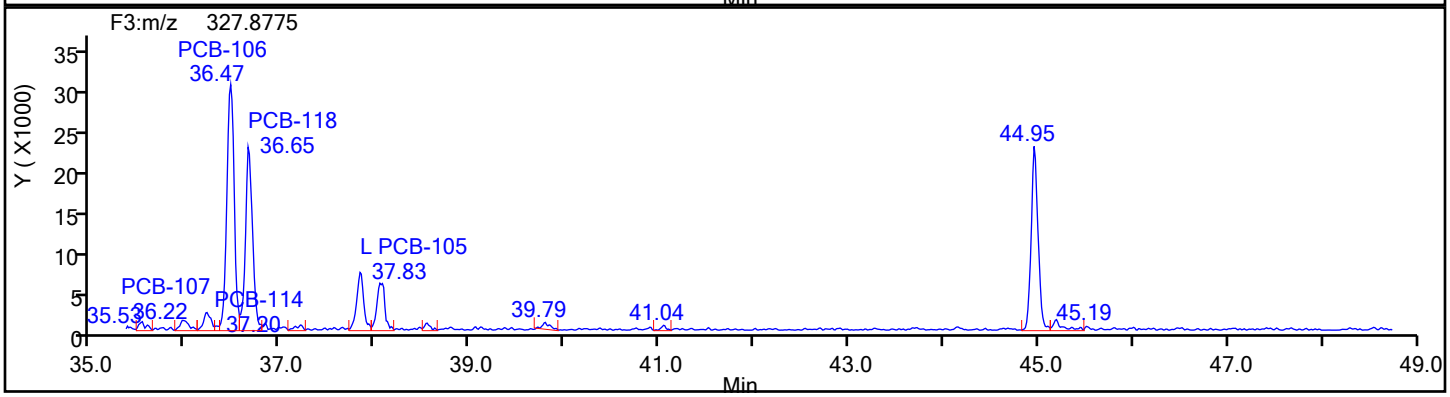
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

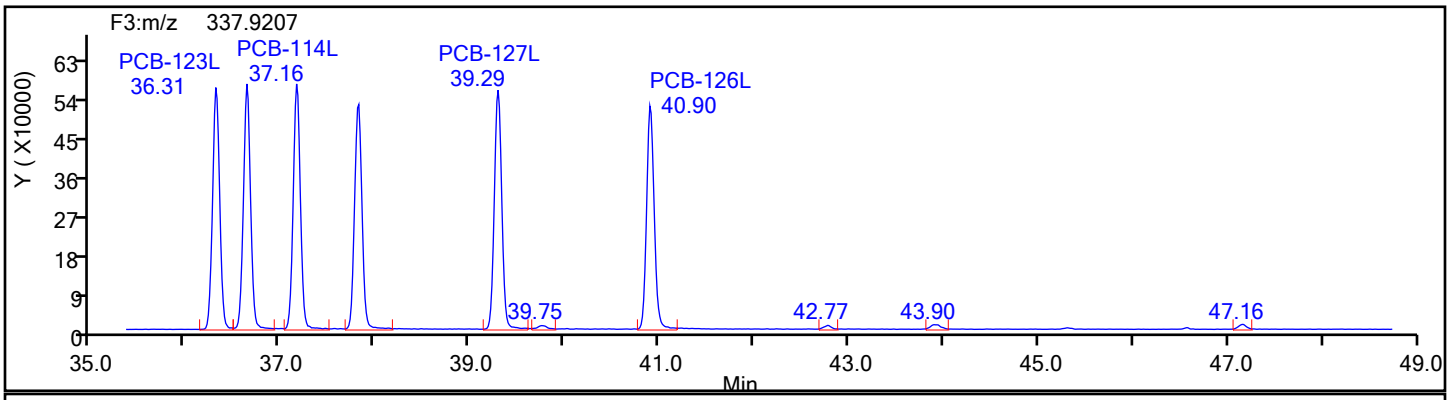
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

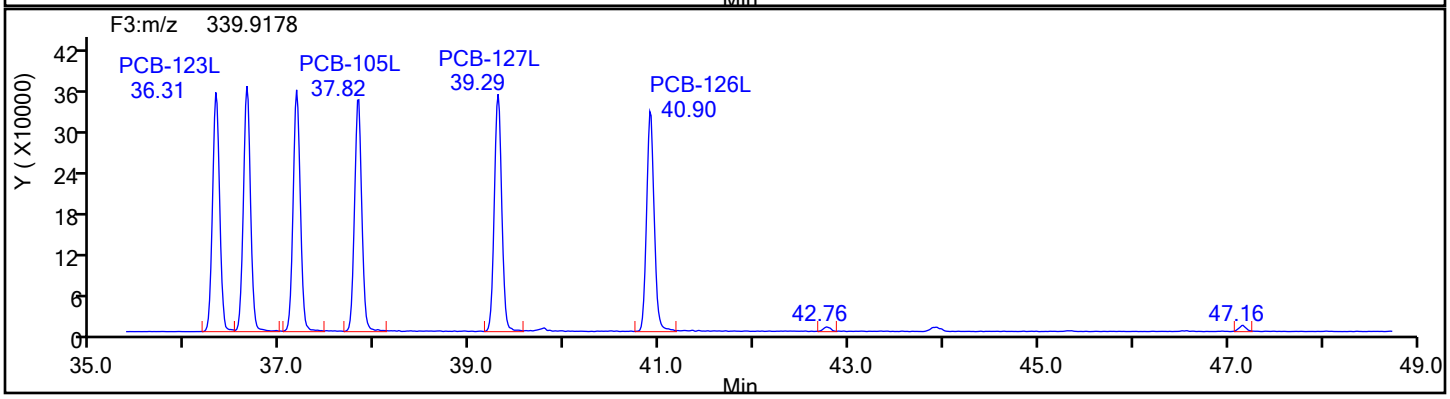
PePCB F3





PePCB F3 Standards



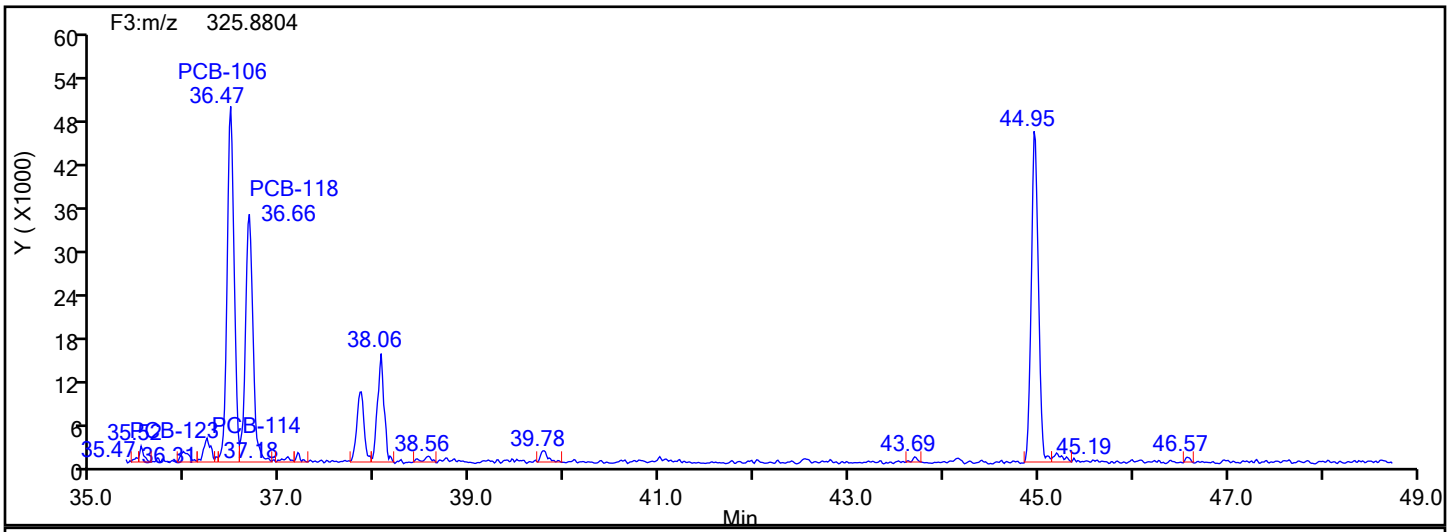


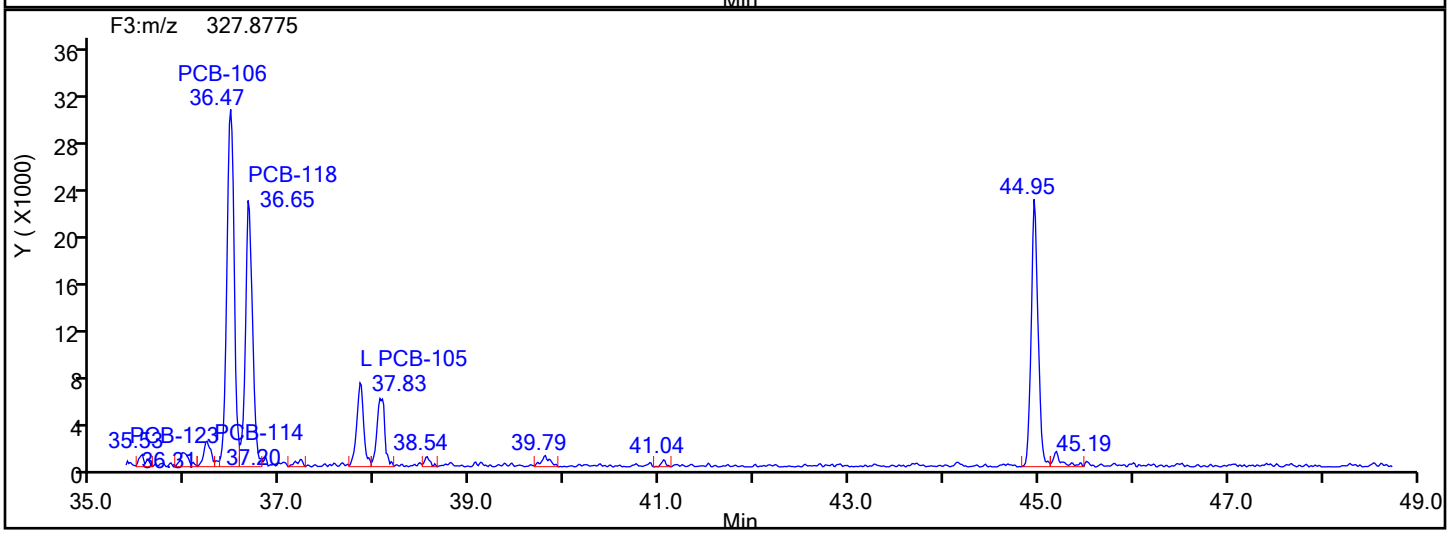
Report Date: 04-Jan-2024 20:01:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

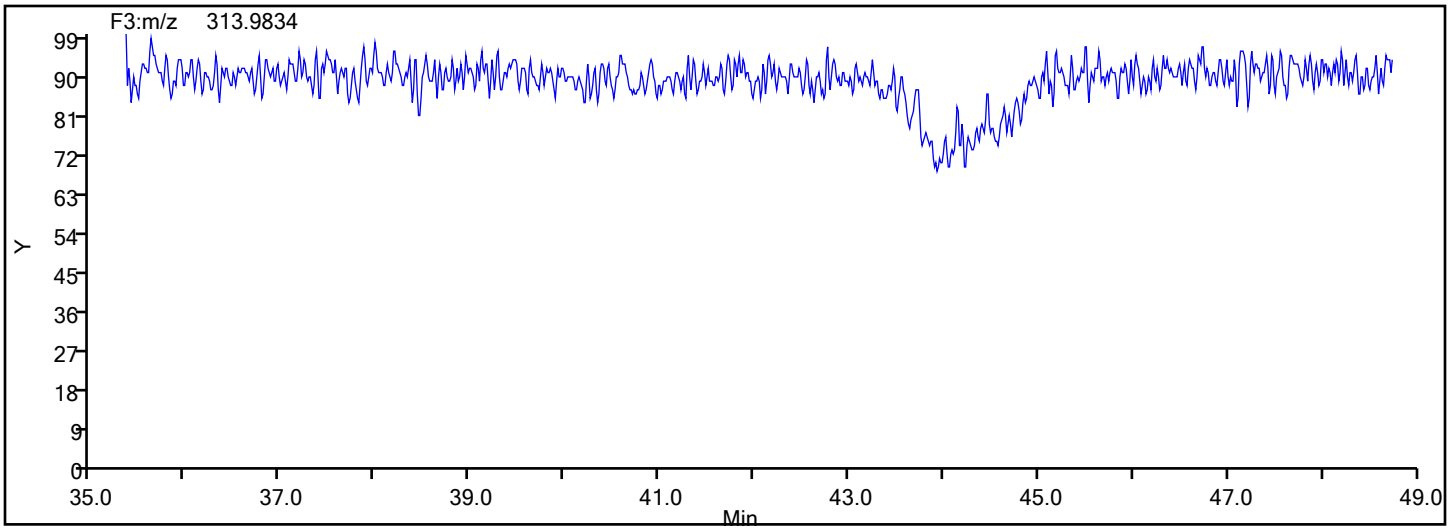
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-01-DUP
Worklist#: 82009 Sample Line#: 6
Column Type: Column Dia:

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

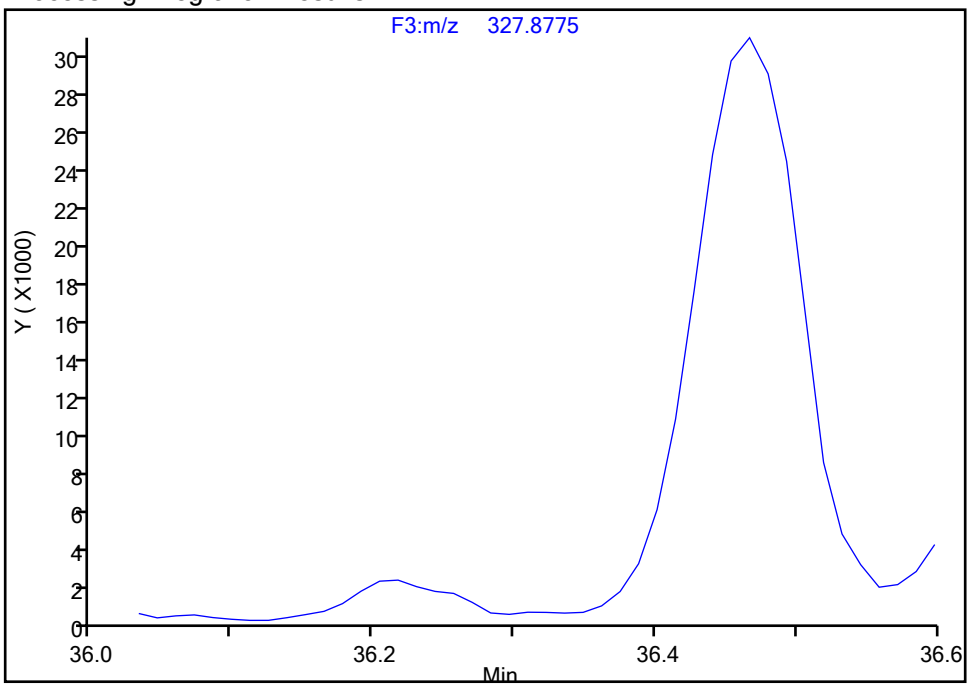
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 2

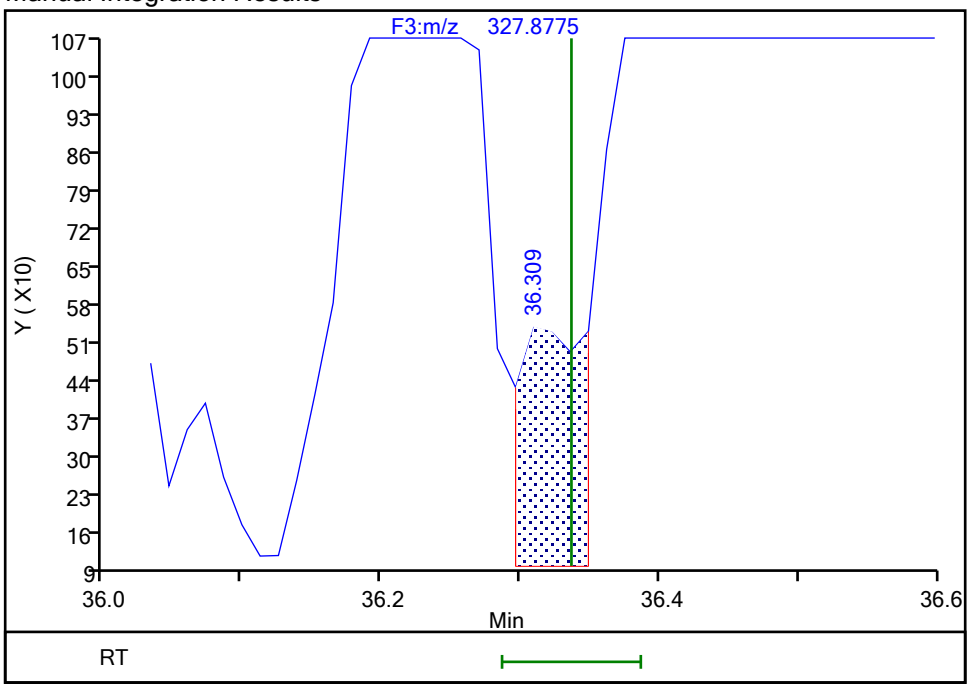
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.31
Area: 1296
Amount: 0.051601
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:52:40 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

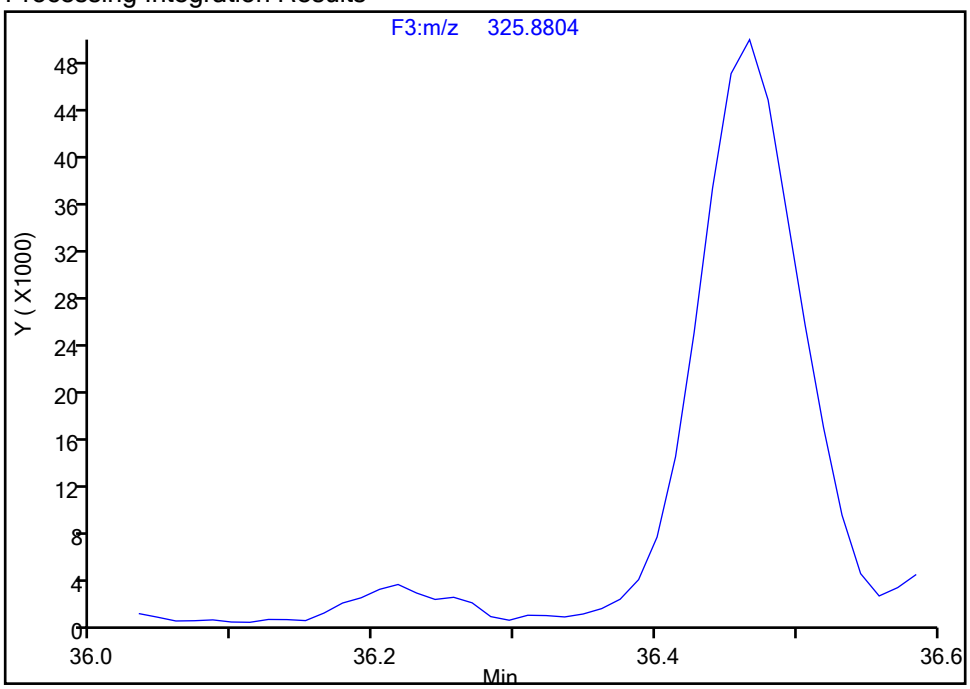
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 1

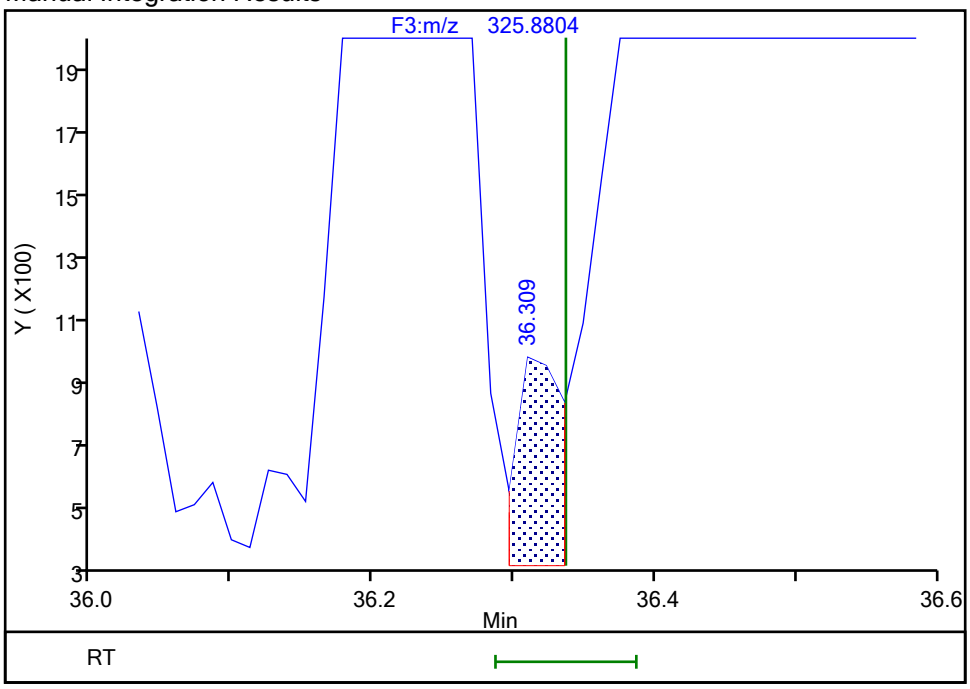
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.31
Area: 1285
Amount: 0.051601
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:52:42 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

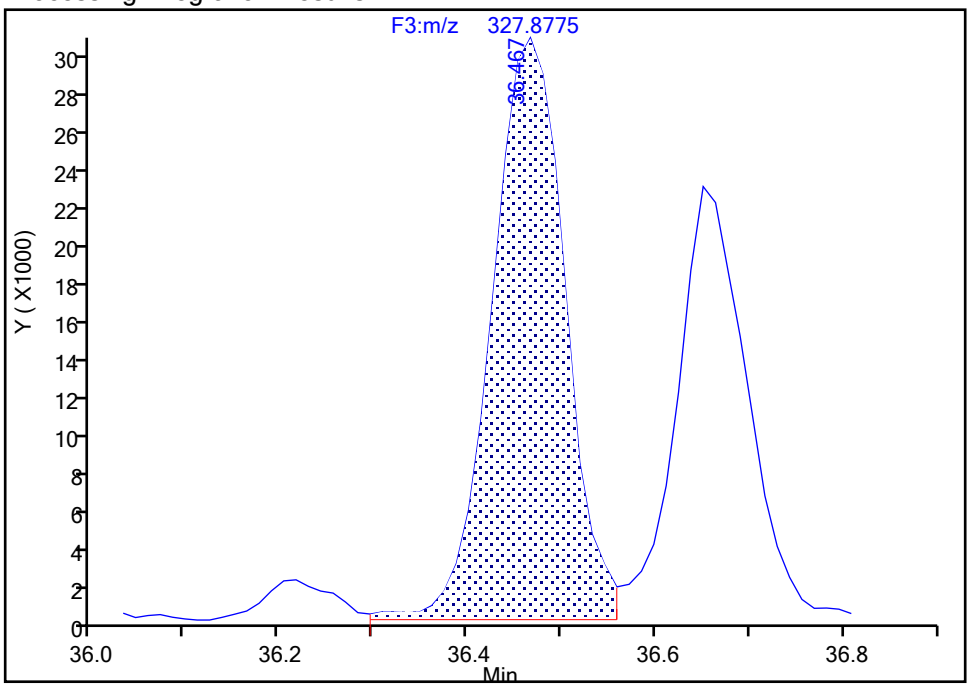
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 2

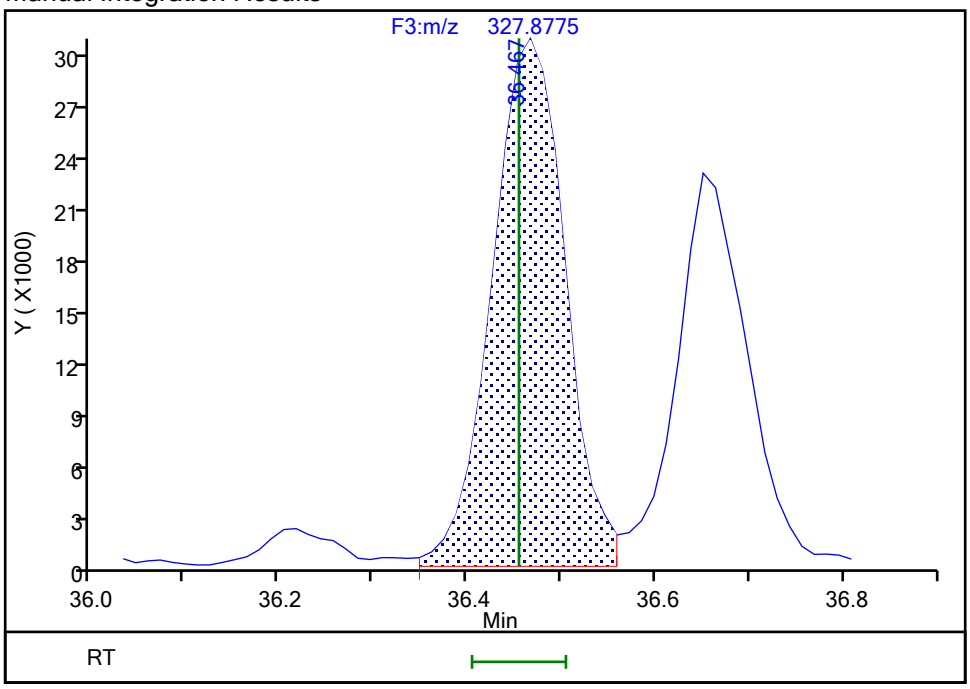
Processing Integration Results

RT: 36.47
Area: 164551
Amount: 7.447965
Amount Units: pg/ul



Manual Integration Results

RT: 36.47
Area: 163254
Amount: 7.401859
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:52:40 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

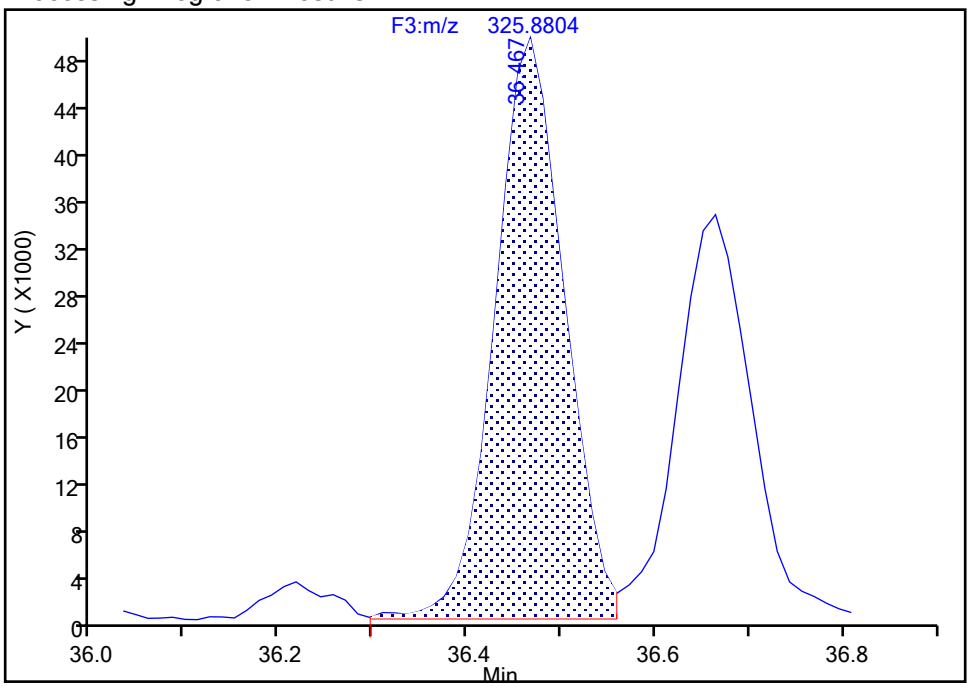
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 1

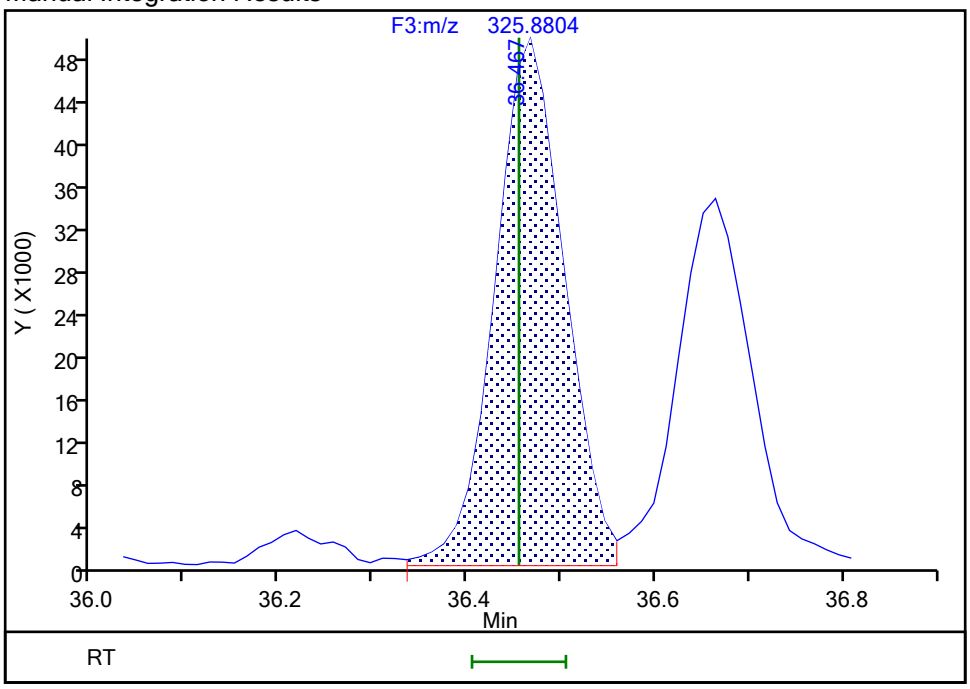
Processing Integration Results

RT: 36.47
Area: 252712
Amount: 7.447965
Amount Units: pg/ul



Manual Integration Results

RT: 36.47
Area: 251426
Amount: 7.401859
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:52:42 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

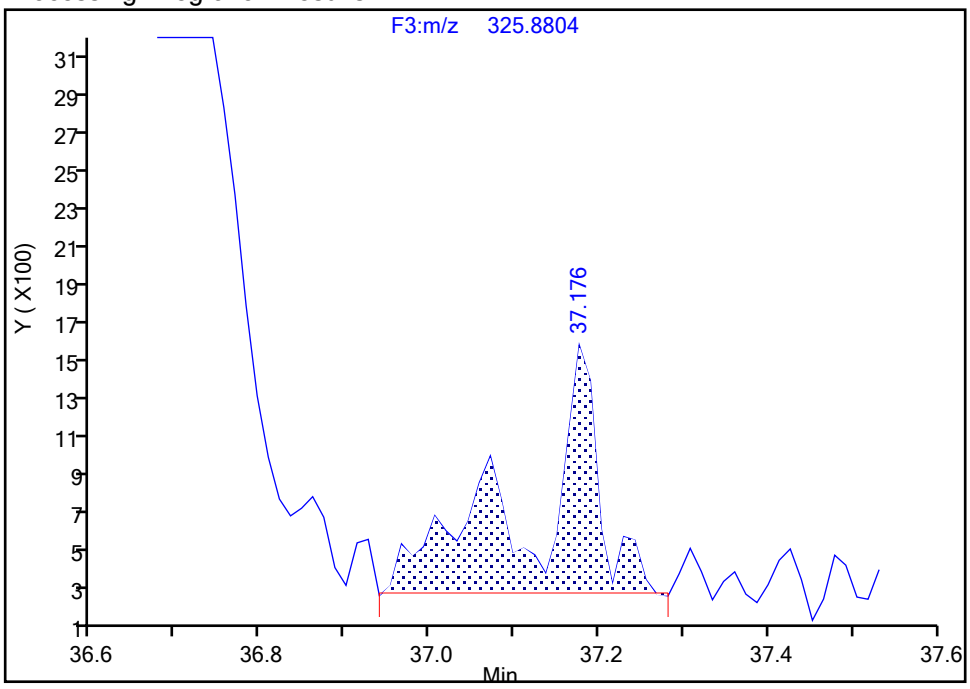
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-114, CAS: 74472-37-0

Signal: 1

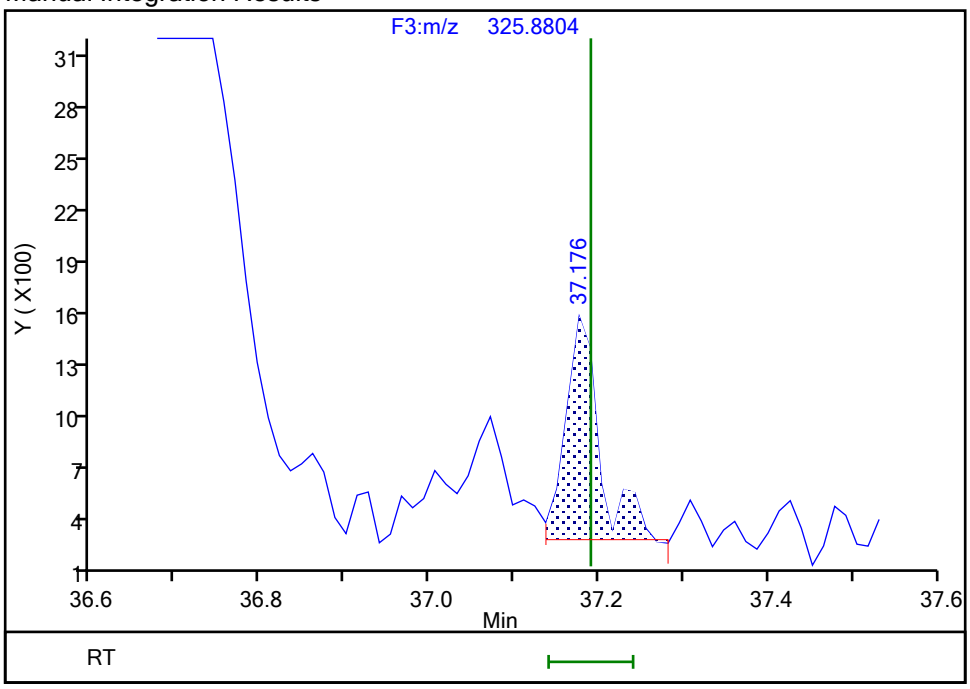
Processing Integration Results

RT: 37.18
Area: 7011
Amount: 0.191307
Amount Units: pg/ul



Manual Integration Results

RT: 37.18
Area: 3509
Amount: 0.125354
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:52:50 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

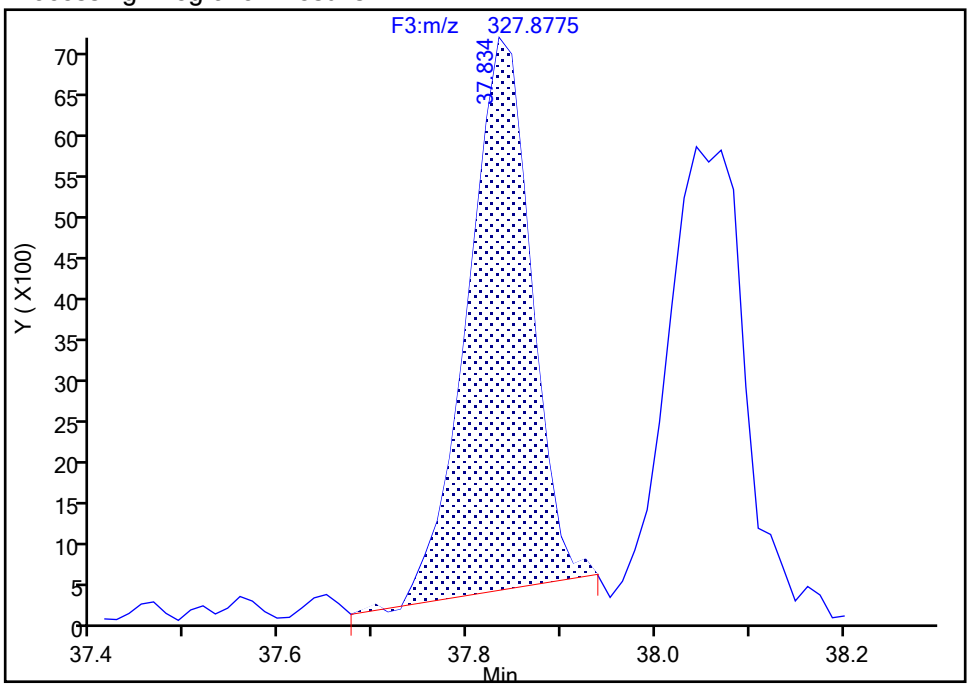
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-105, CAS: 32598-14-4

Signal: 2

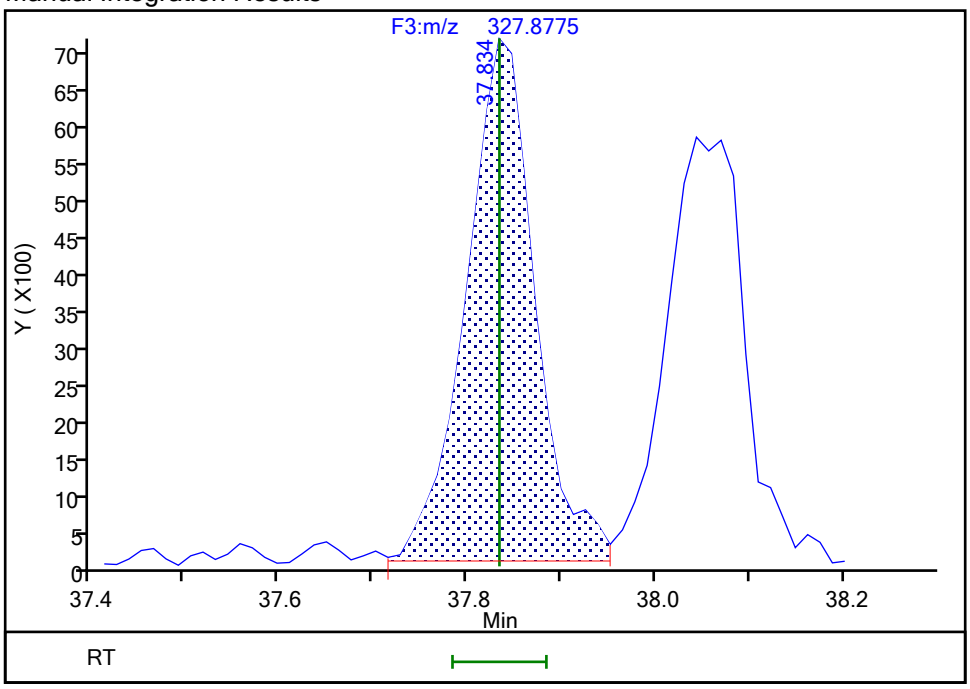
Processing Integration Results

RT: 37.83
Area: 31735
Amount: 1.654306
Amount Units: pg/ul



Manual Integration Results

RT: 37.83
Area: 35679
Amount: 1.729683
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:53:11 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

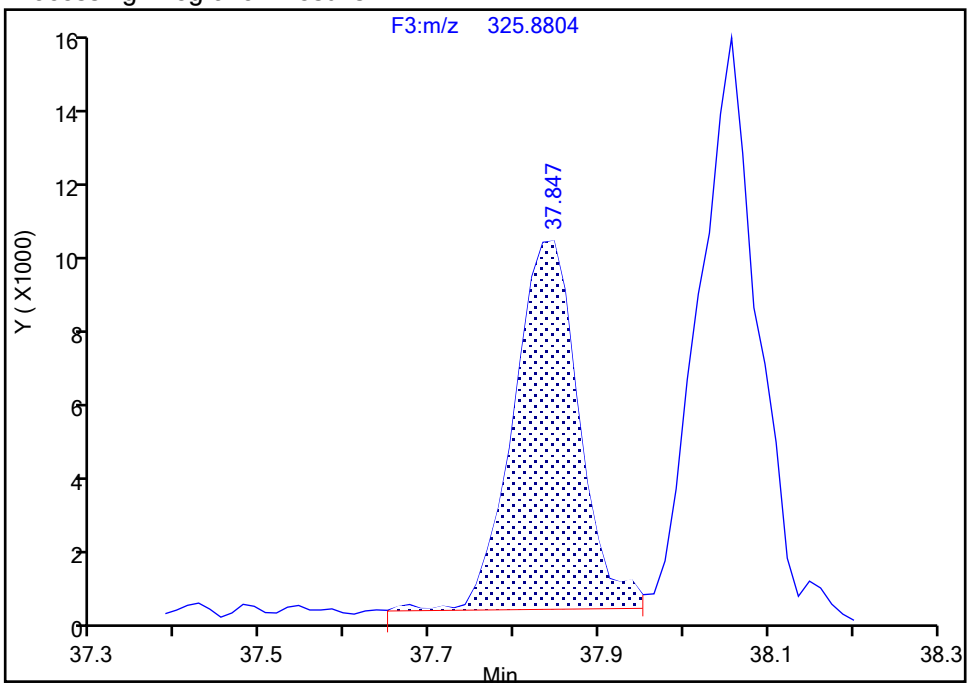
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Instrument ID: D2D
Lims ID: 140-34509-A-2-B Lab Sample ID: 140-34509-2
Client ID: PW-01-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-105, CAS: 32598-14-4

Signal: 1

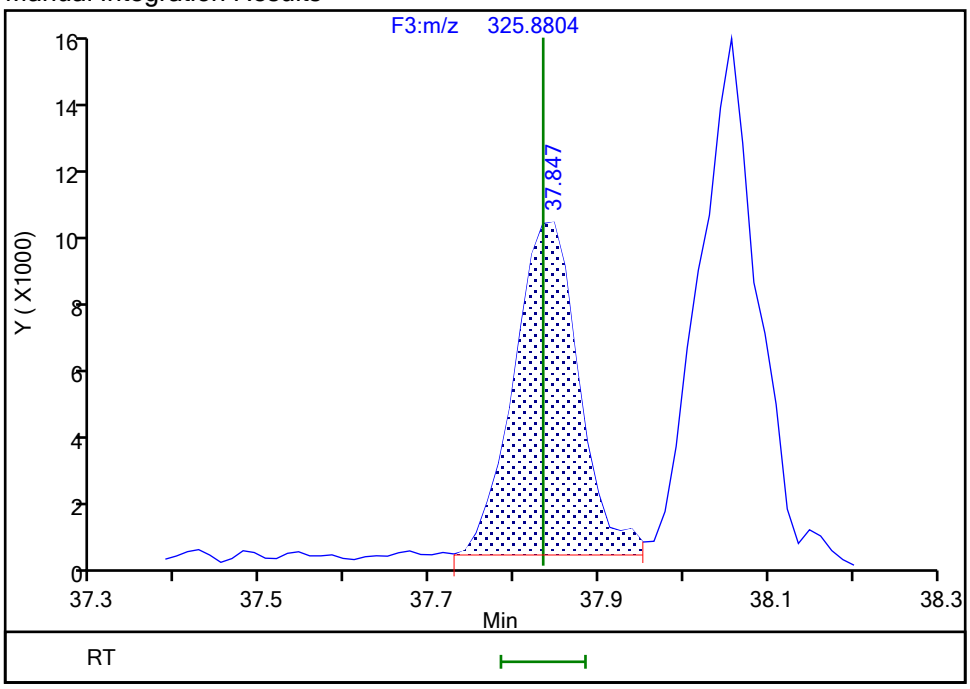
Processing Integration Results

RT: 37.85
Area: 51489
Amount: 1.654306
Amount Units: pg/ul



Manual Integration Results

RT: 37.85
Area: 51337
Amount: 1.729683
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:53:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

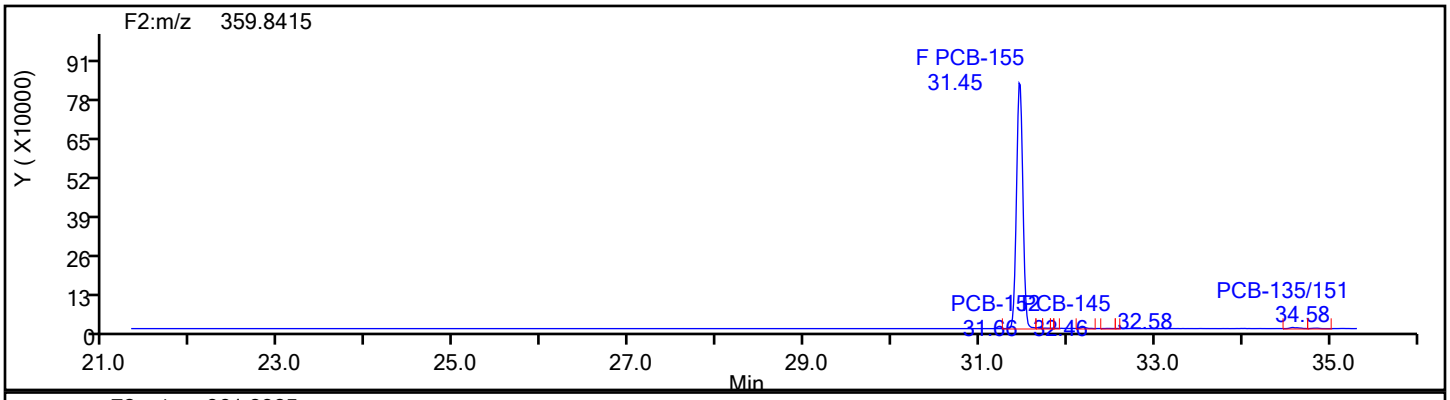
Report Date: 04-Jan-2024 20:01:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

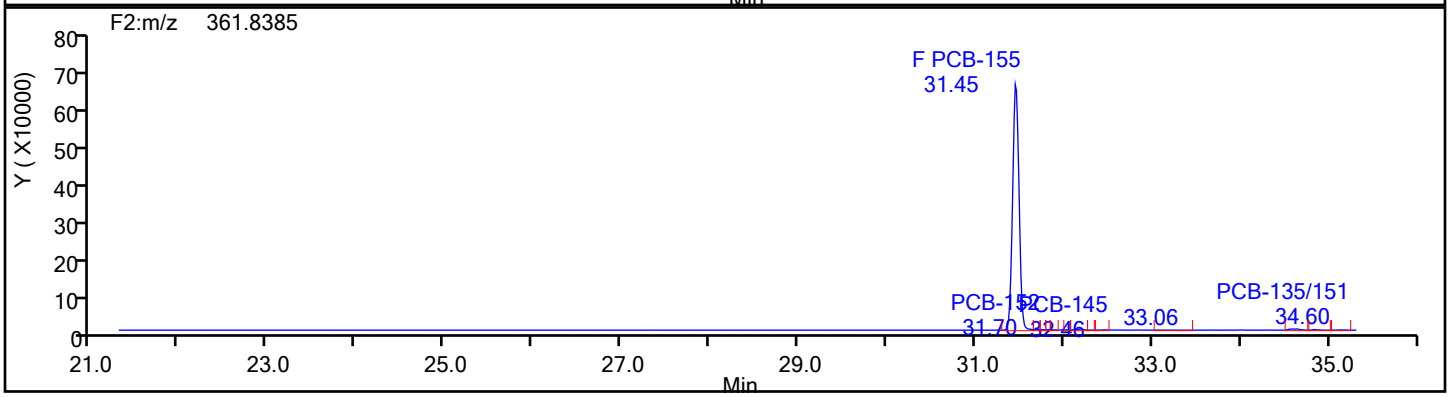
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

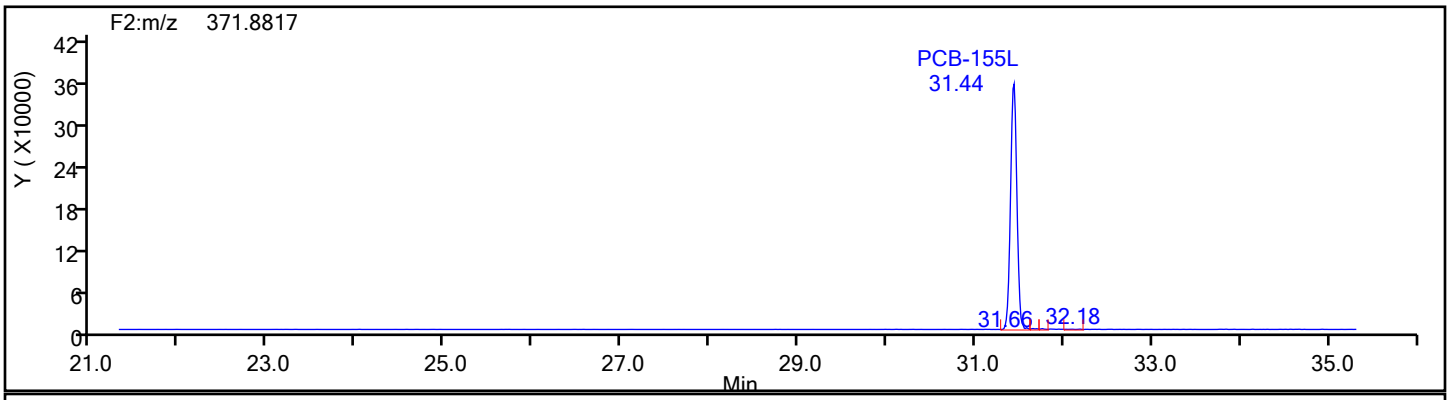
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

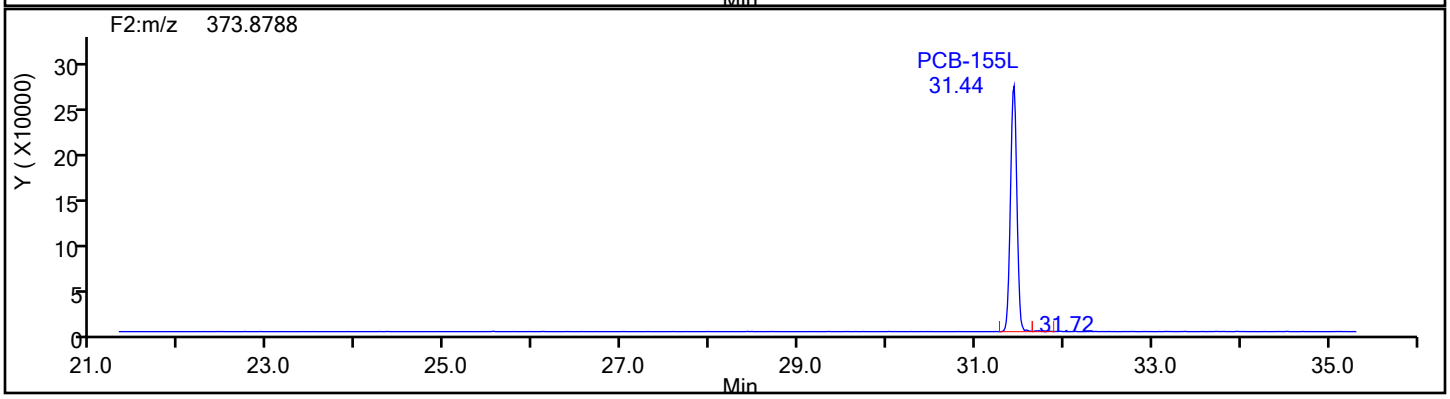
HxPCB F2





HxPCB F2 Standards



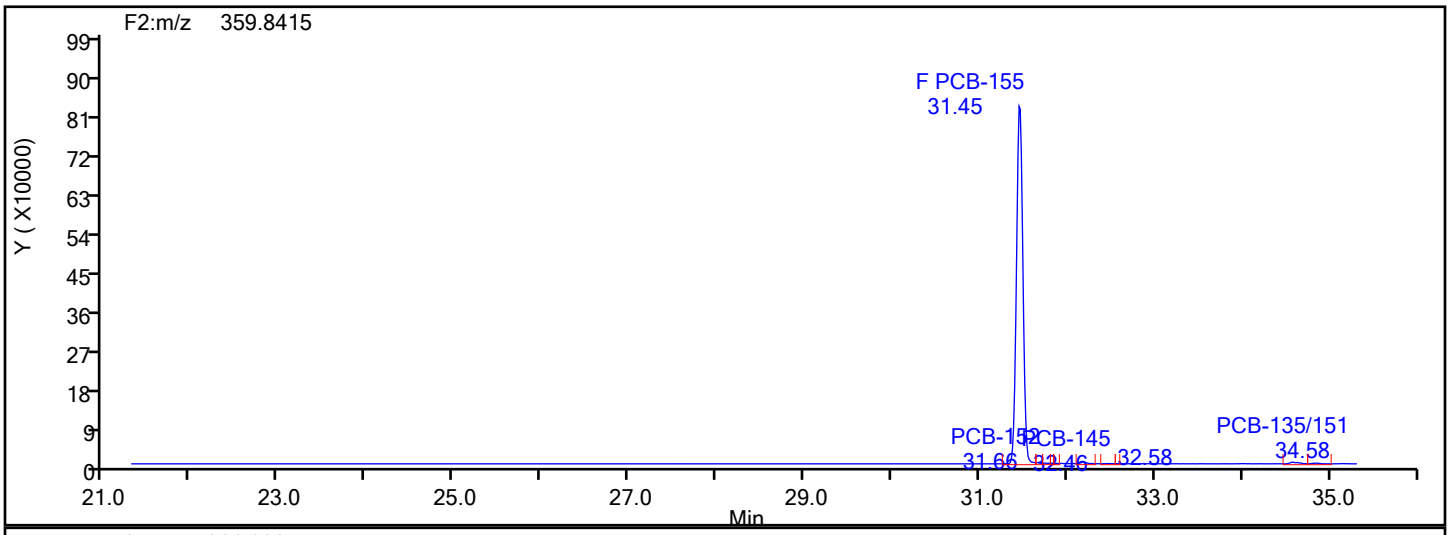


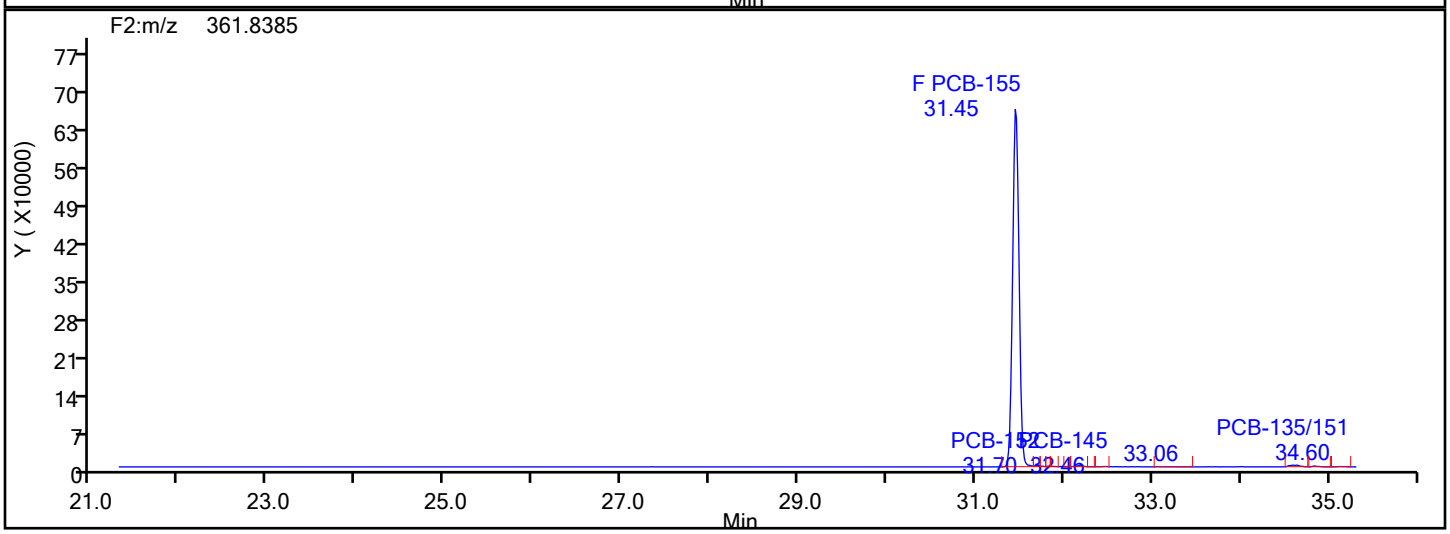
Report Date: 04-Jan-2024 20:01:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

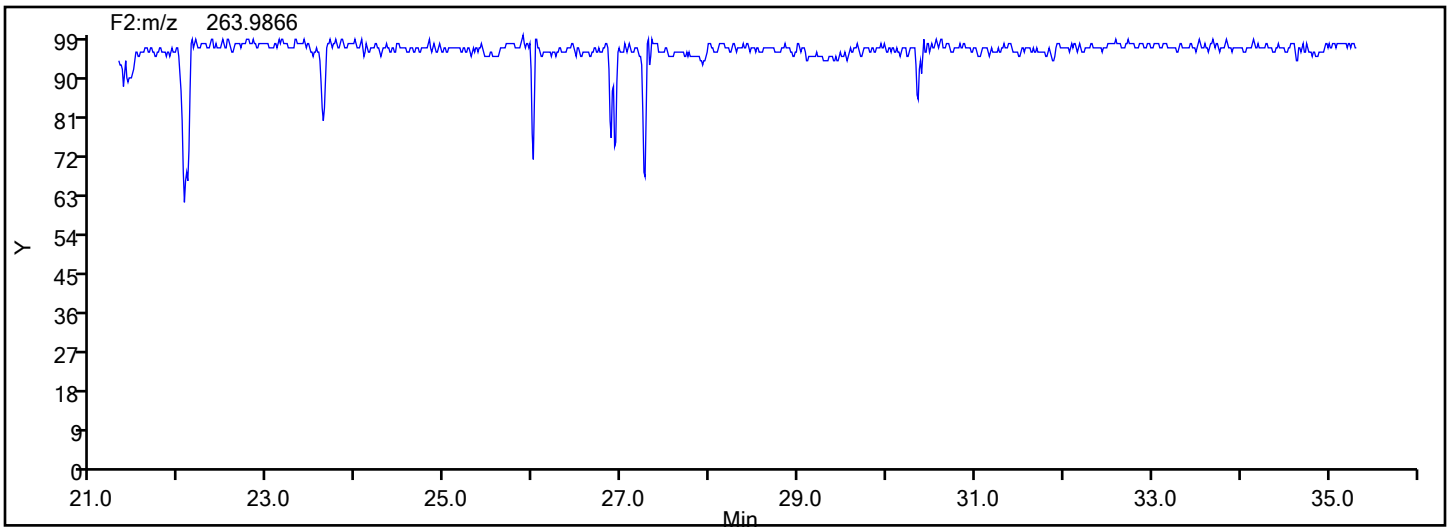
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

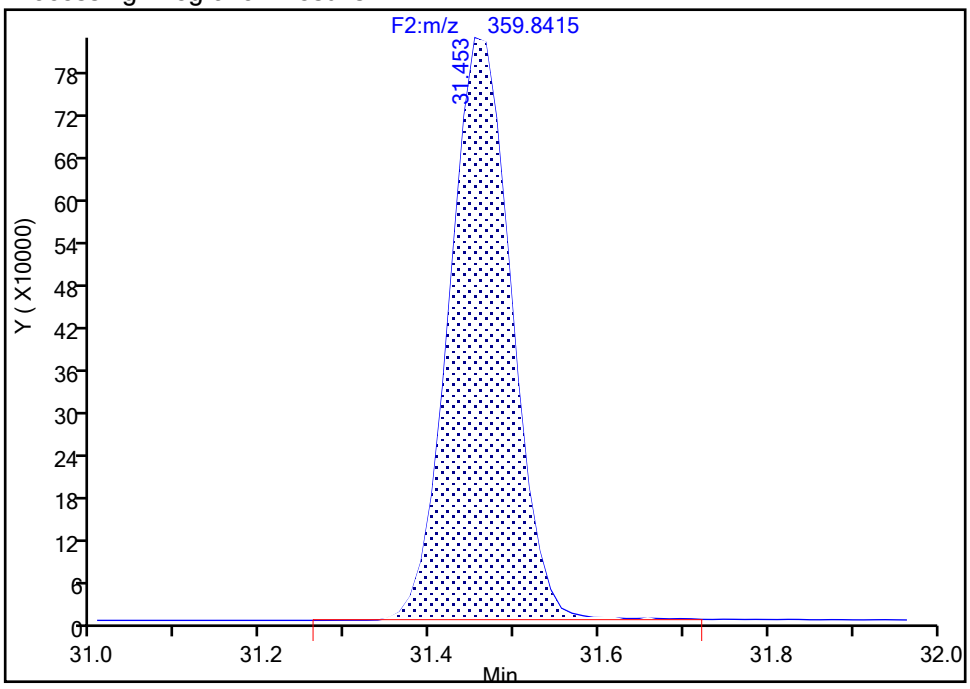
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2
Client ID:	PW-01-DUP		
Operator ID:	Xcalibur_System	ALS Bottle#:	0 Worklist Smp#: 6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Column:		Detector	F2(21.81 :35.54)

PCB-155, CAS: 33979-03-2

Signal: 1

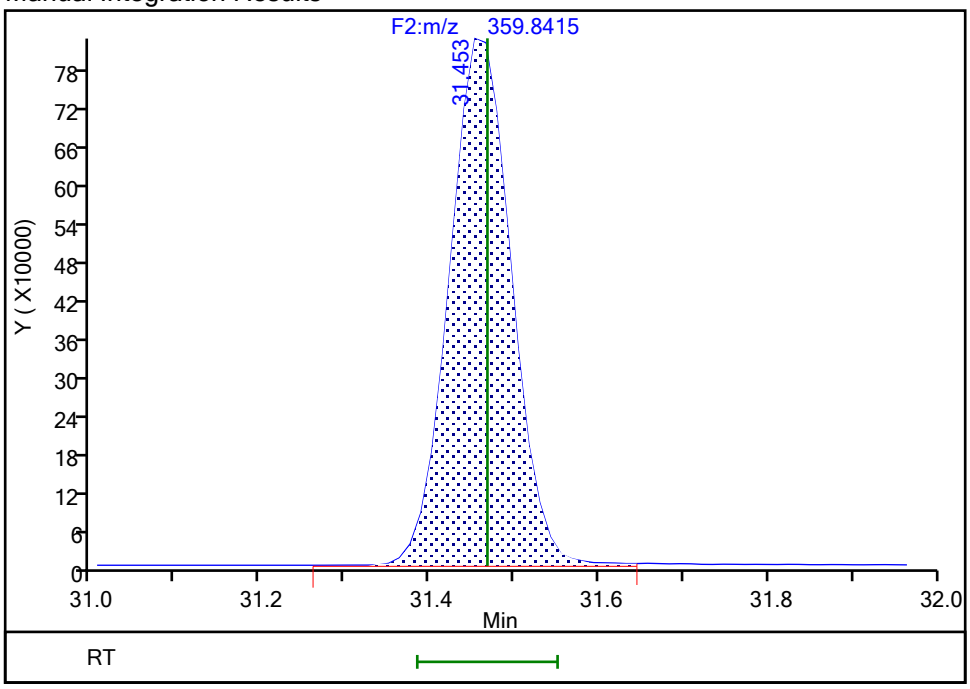
Processing Integration Results

RT: 31.45
Area: 4229173
Amount: 257.9275
Amount Units: pg/ul



Manual Integration Results

RT: 31.45
Area: 4217912
Amount: 257.5457
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:53:44 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

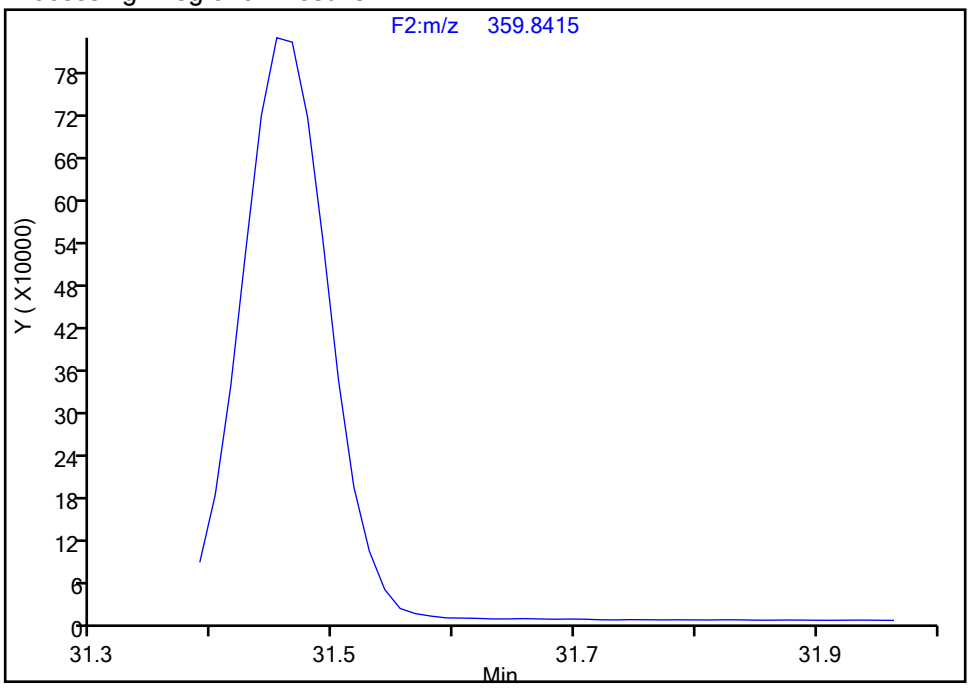
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

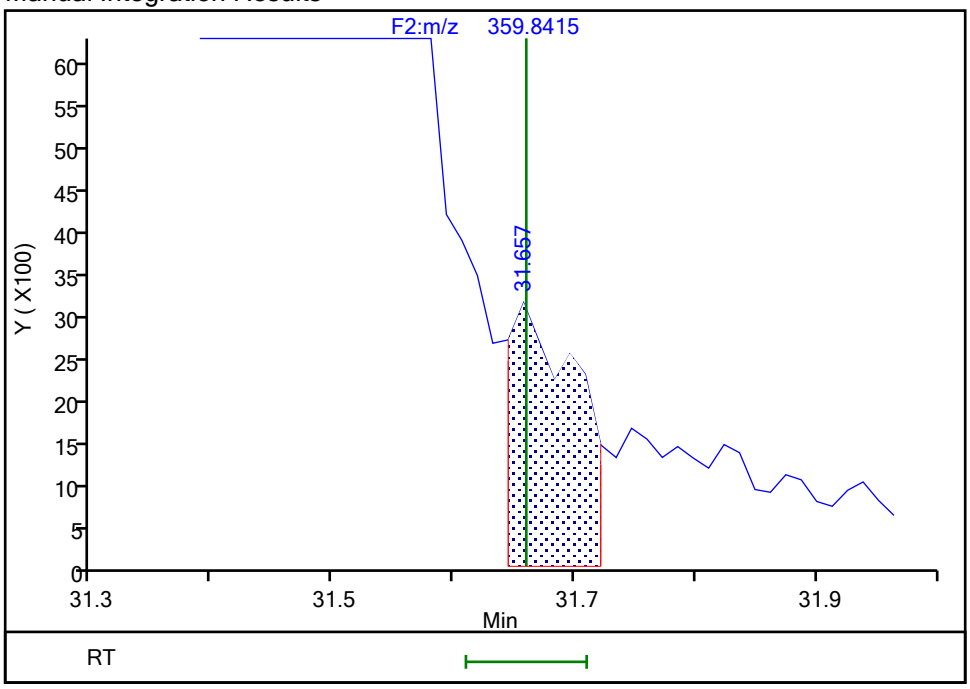
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.66
Area: 11260
Amount: 0.555007
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:54:19 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

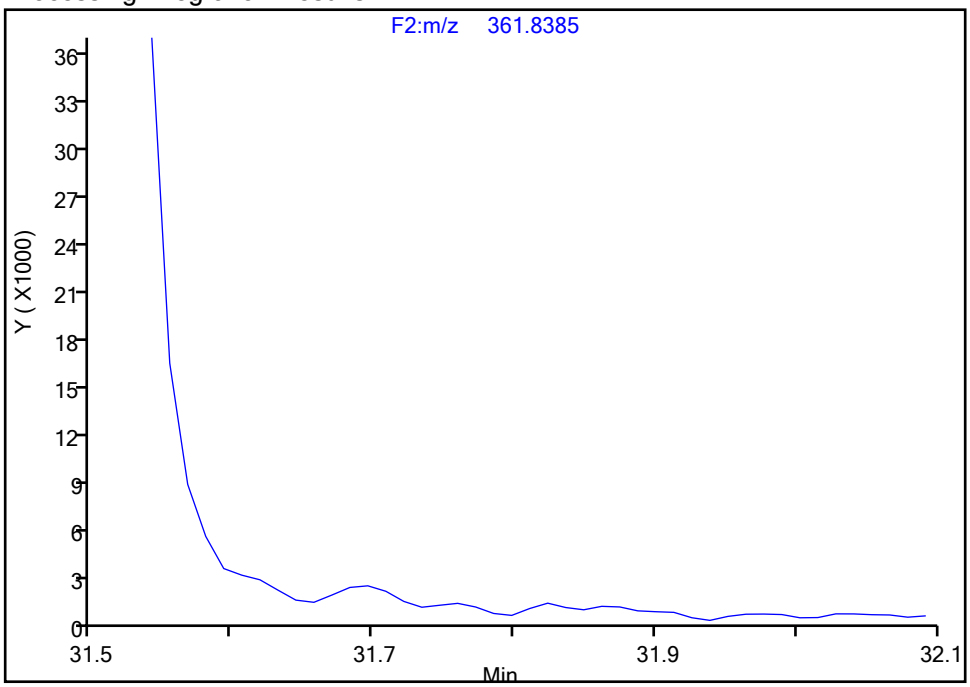
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-150, CAS: 68194-08-1

Signal: 2

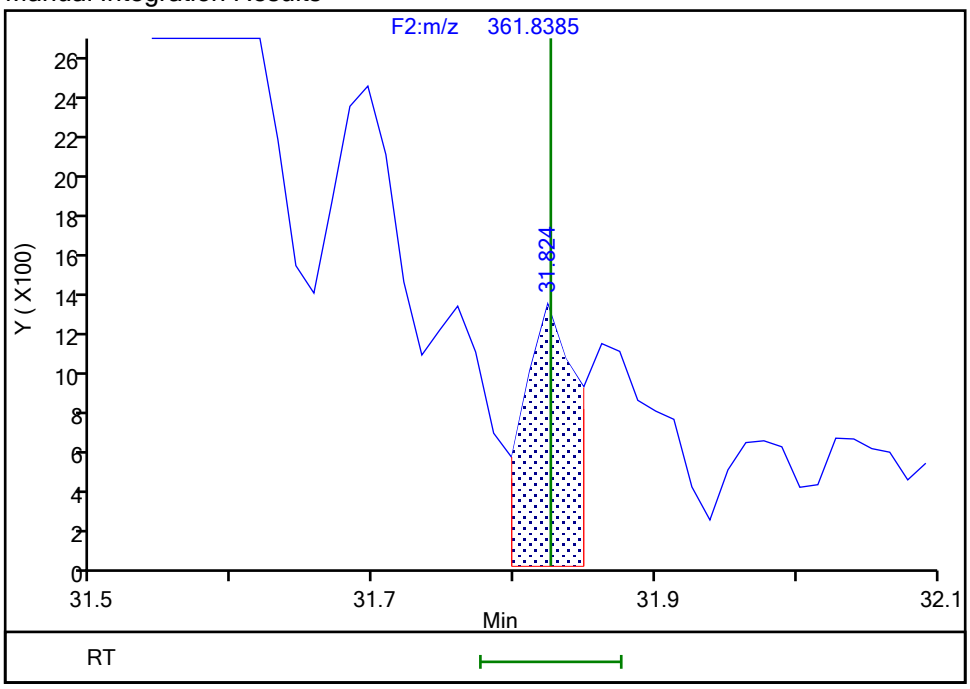
Not Detected
Expected RT: 31.83

Processing Integration Results



Manual Integration Results

RT: 31.82
Area: 3082
Amount: 0.188785
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:54:57 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

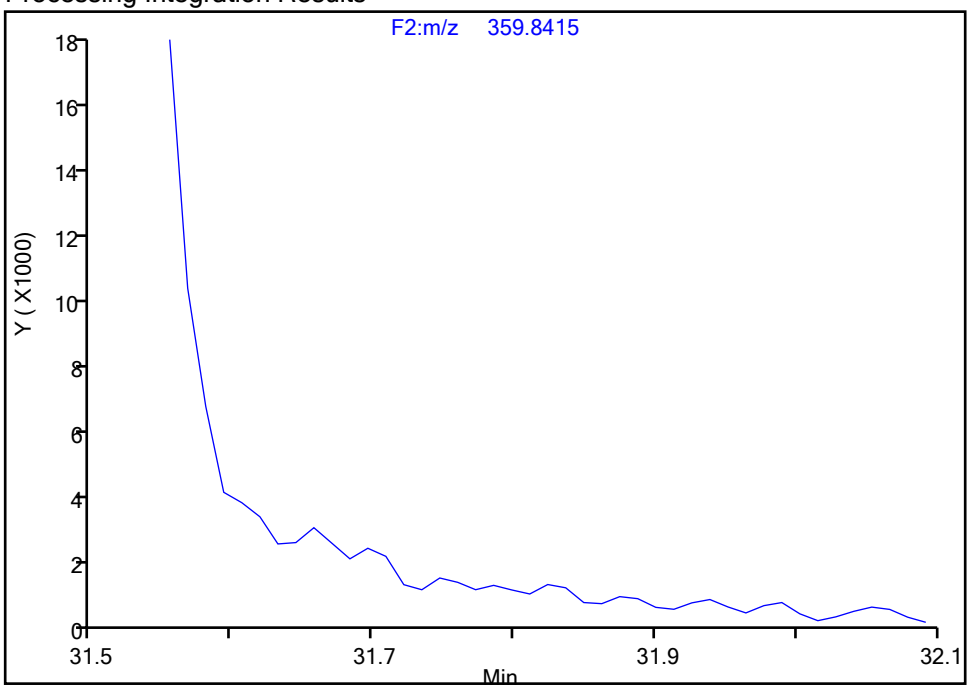
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-150, CAS: 68194-08-1

Signal: 1

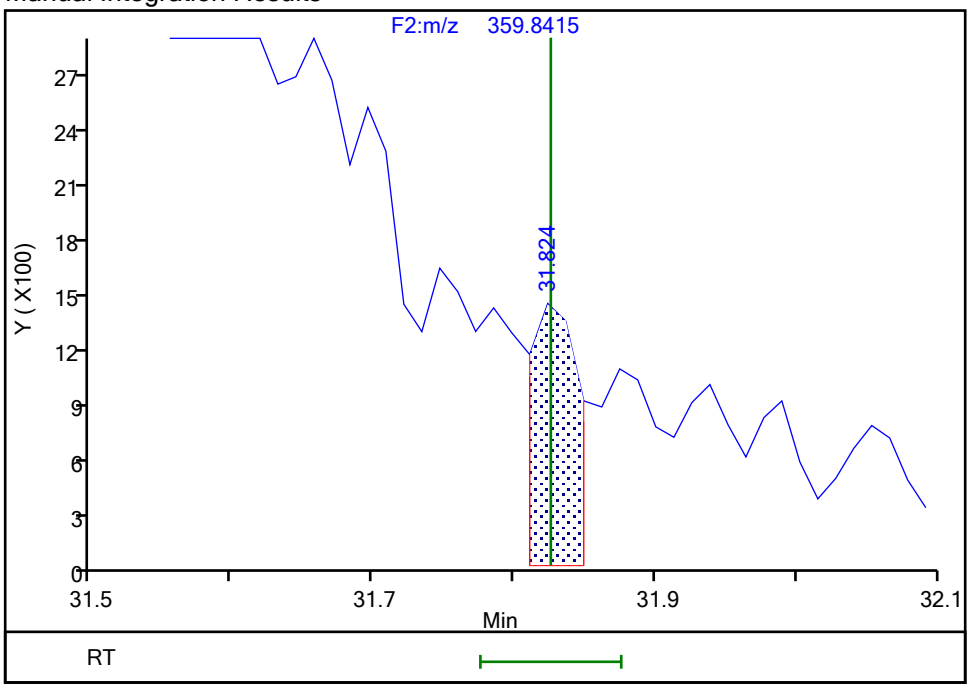
Not Detected
Expected RT: 31.83

Processing Integration Results



Manual Integration Results

RT: 31.82
Area: 2892
Amount: 0.188785
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:55:00 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

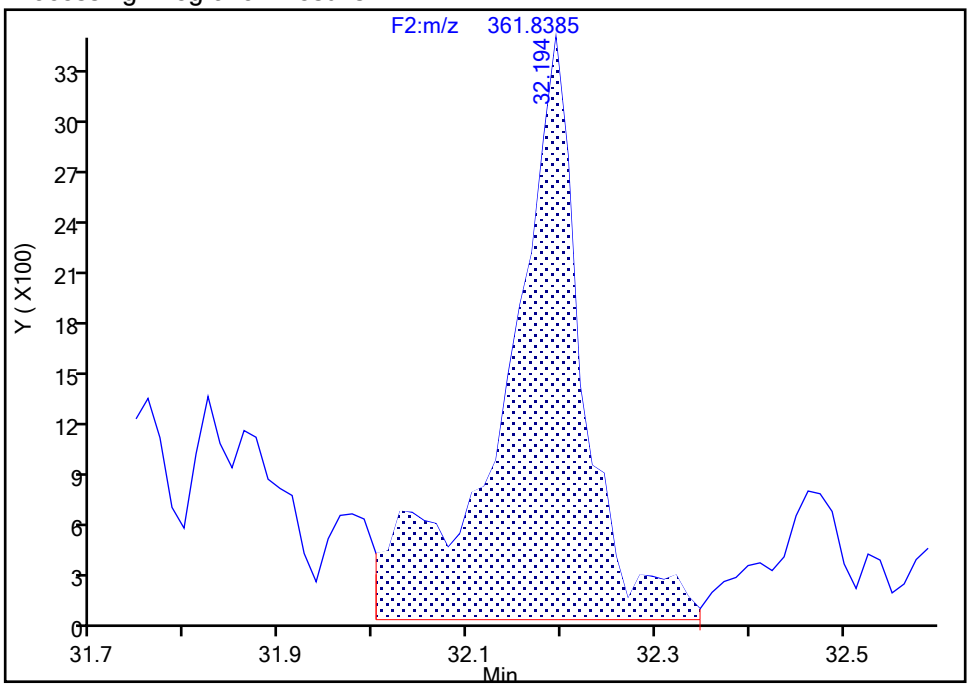
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-136, CAS: 38411-22-2

Signal: 2

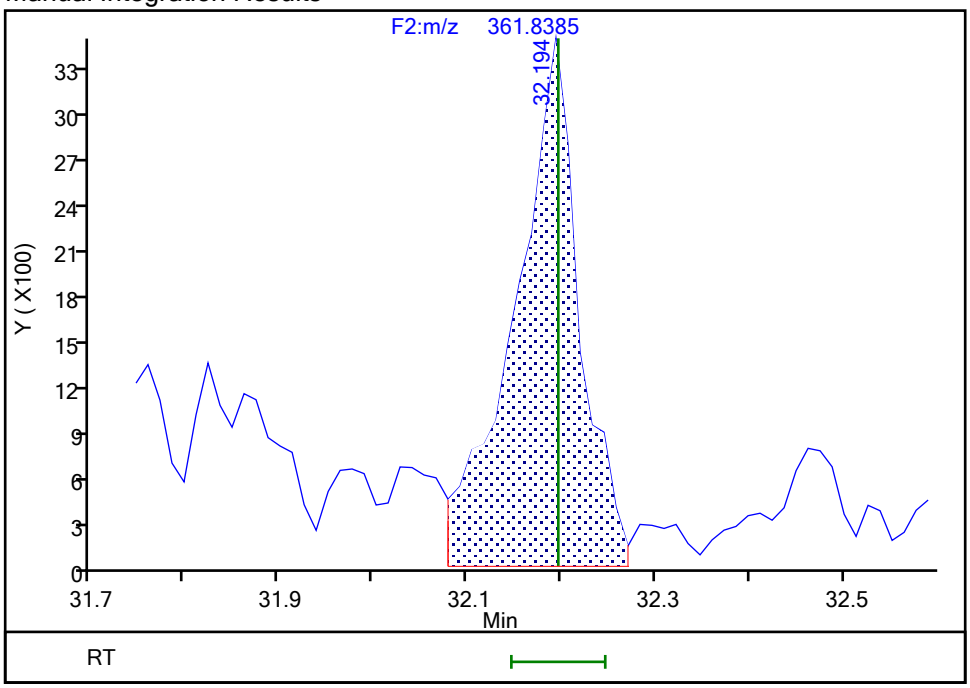
Processing Integration Results

RT: 32.19
Area: 19576
Amount: 1.392992
Amount Units: pg/ul



Manual Integration Results

RT: 32.19
Area: 16151
Amount: 1.281004
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:55:20 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

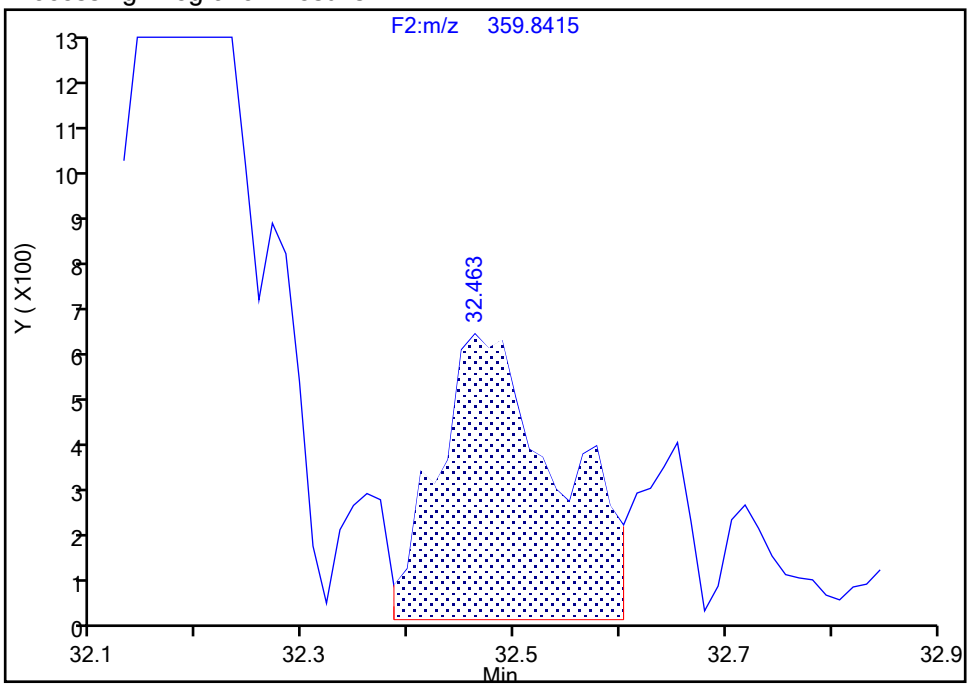
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-145, CAS: 74472-40-5

Signal: 1

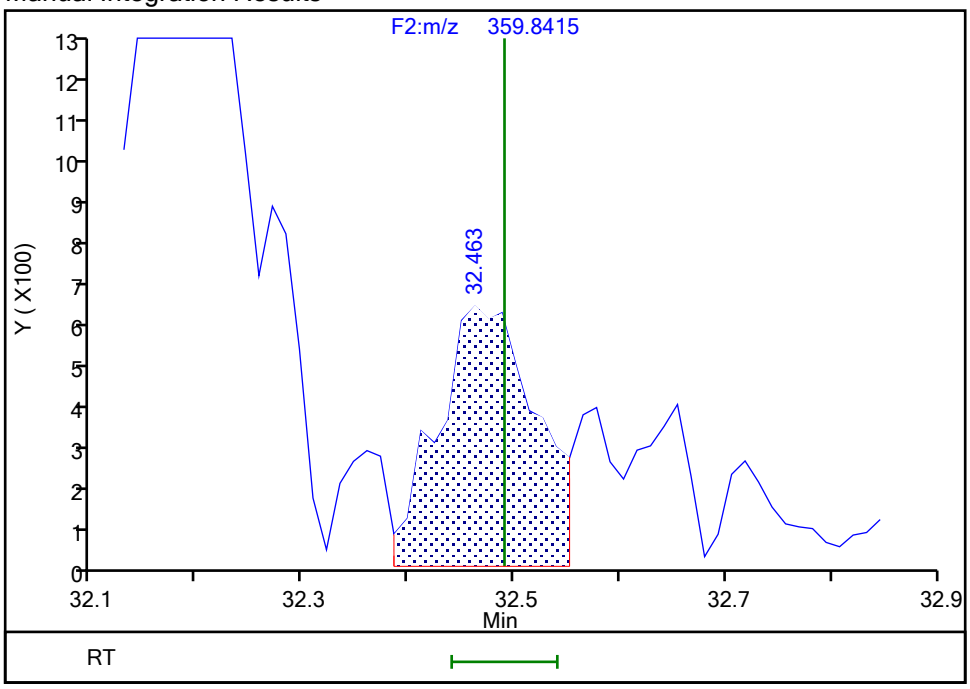
Processing Integration Results

RT: 32.46
Area: 4717
Amount: 0.250578
Amount Units: pg/ul



Manual Integration Results

RT: 32.46
Area: 3813
Amount: 0.224155
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:55:26 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

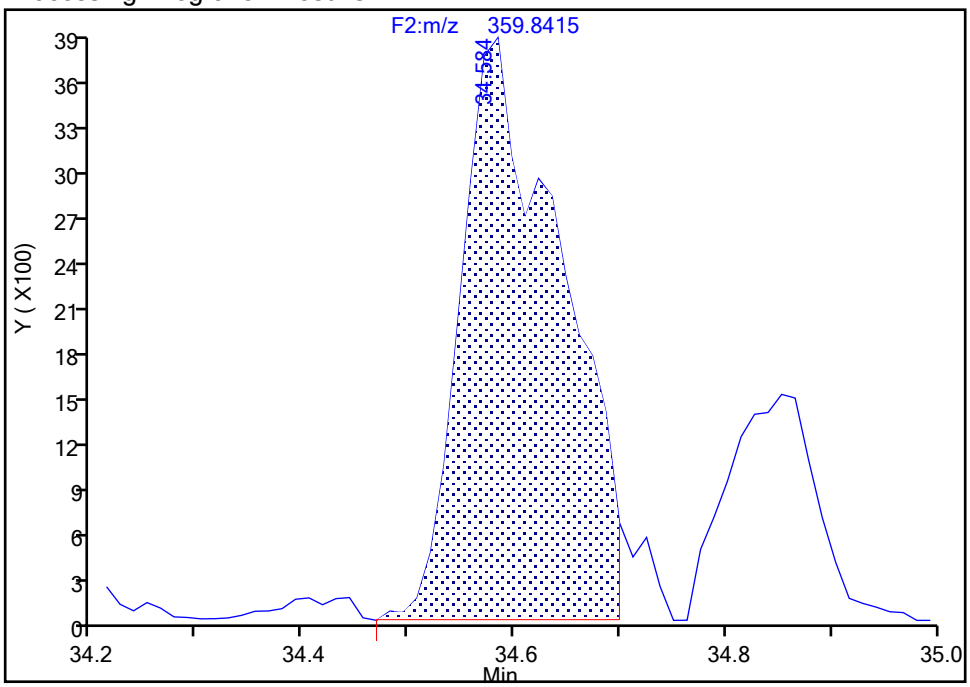
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 1

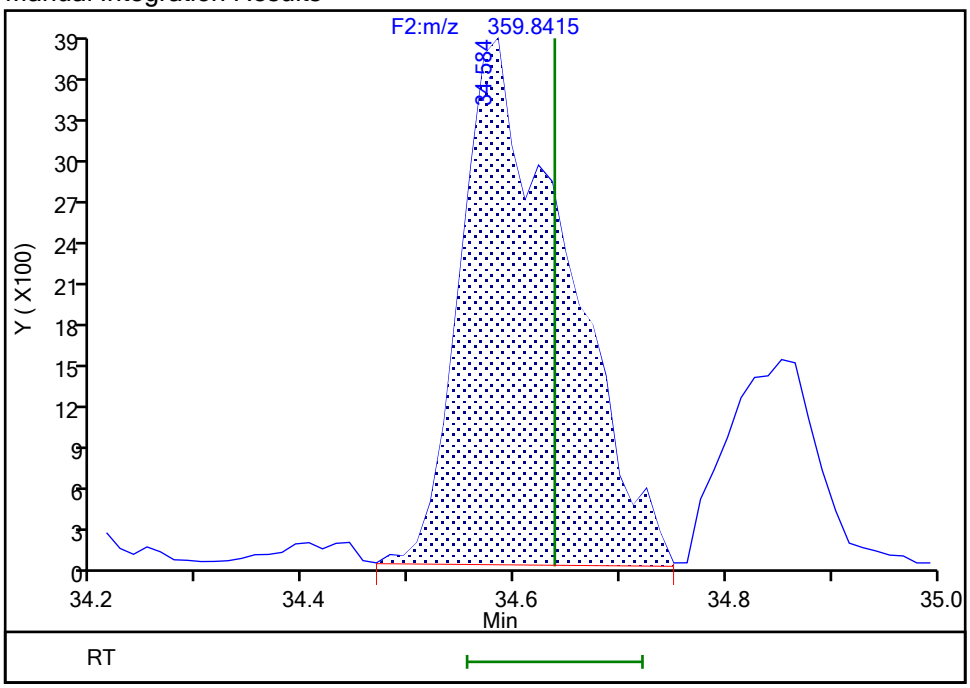
Processing Integration Results

RT: 34.58
Area: 25386
Amount: 2.230428
Amount Units: pg/ul



Manual Integration Results

RT: 34.58
Area: 26705
Amount: 2.286459
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:55:43 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

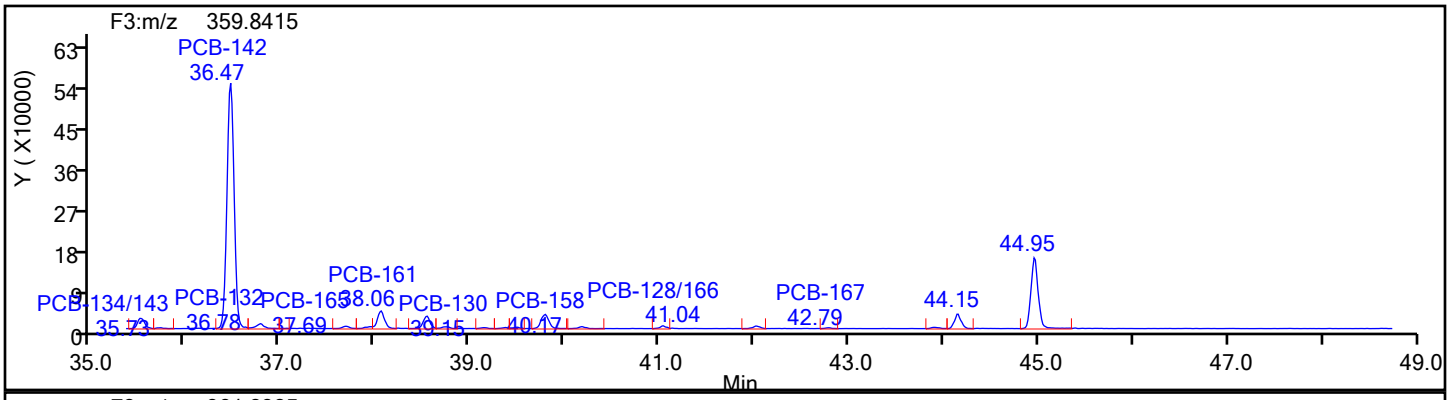
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

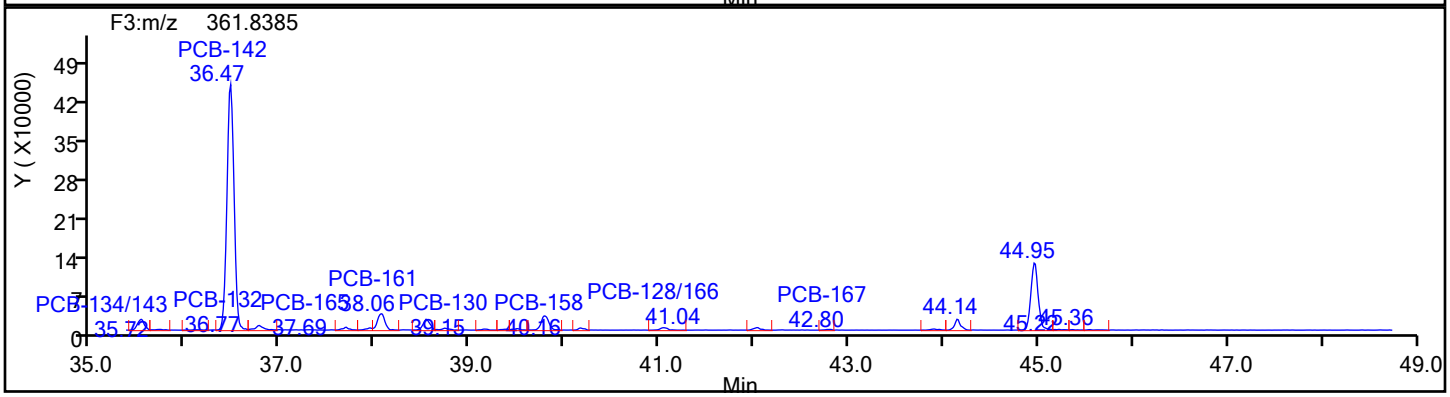
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

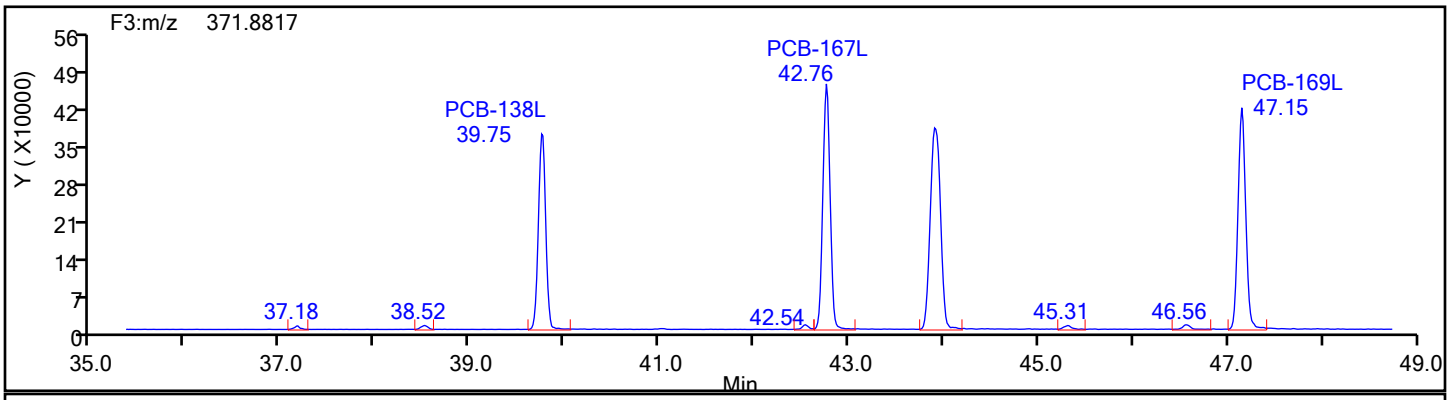
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

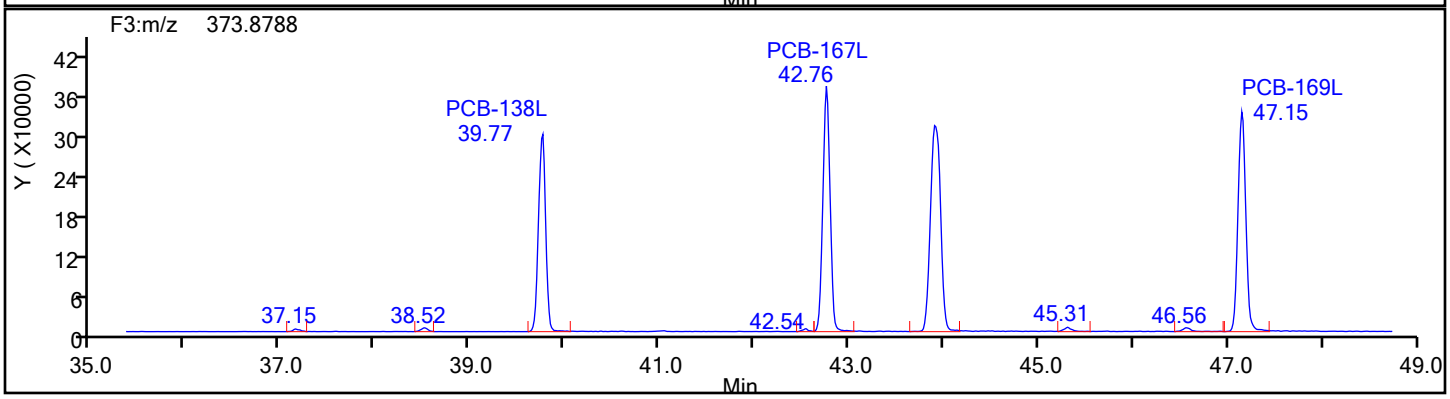
HxPCB F3





HxPCB F3 Standards



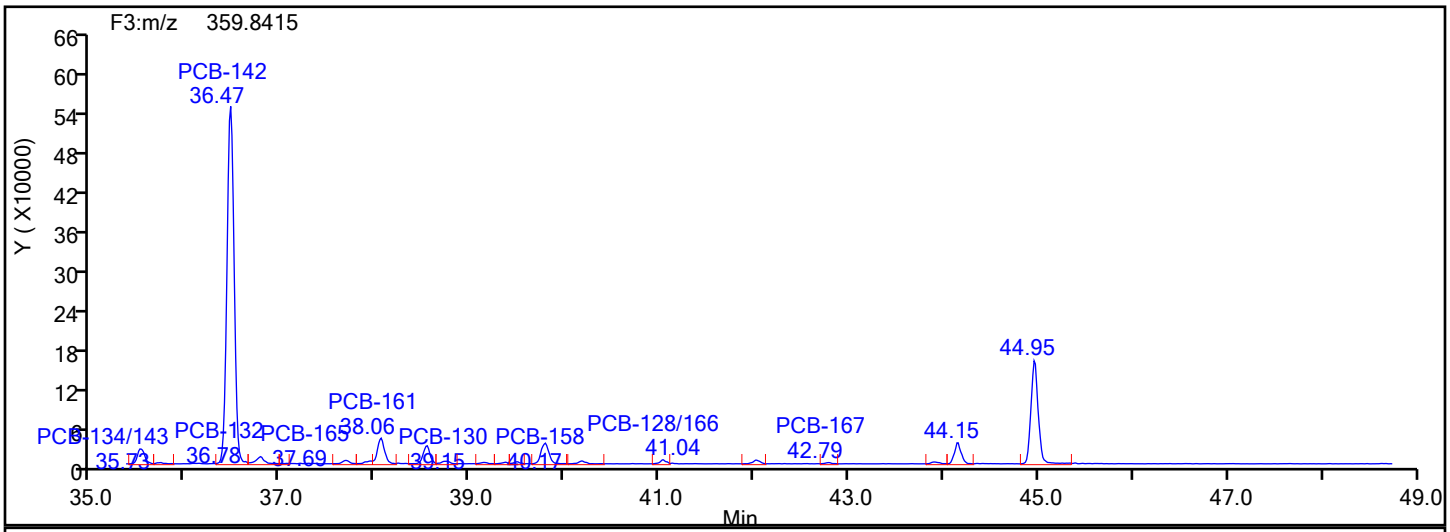


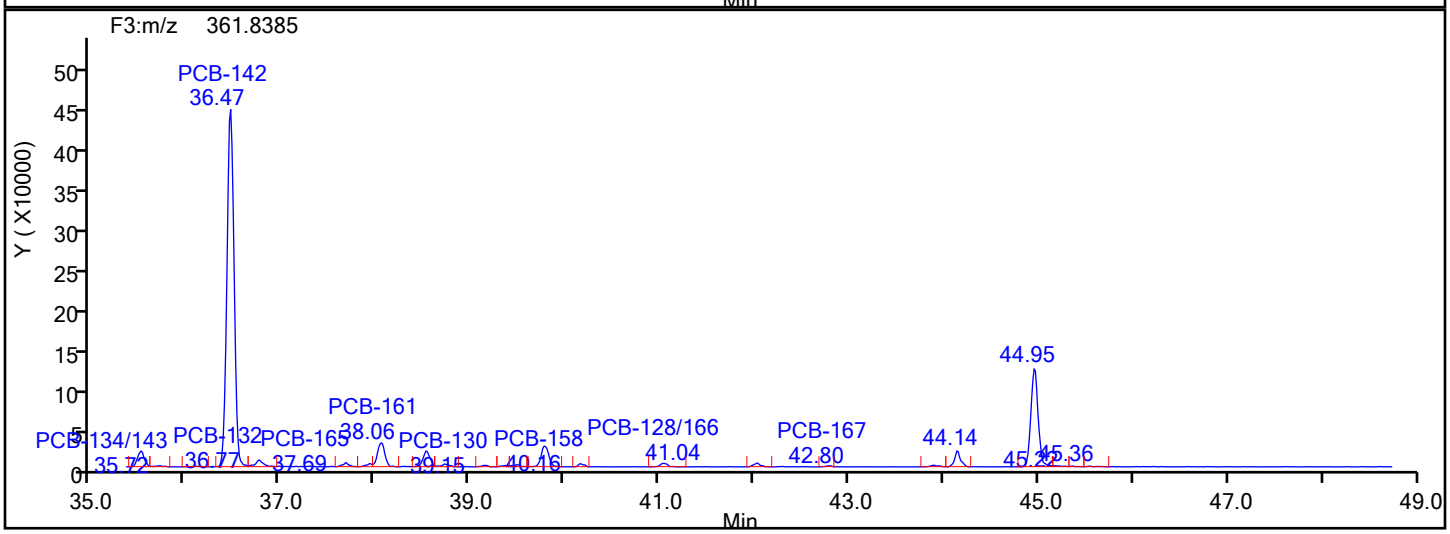
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

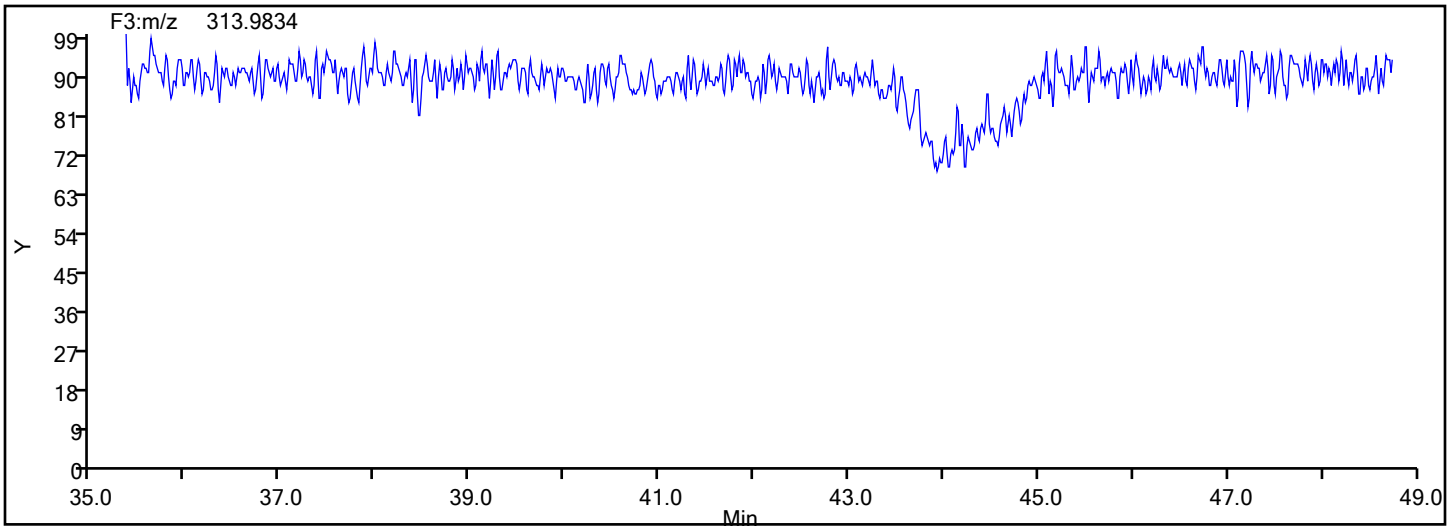
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

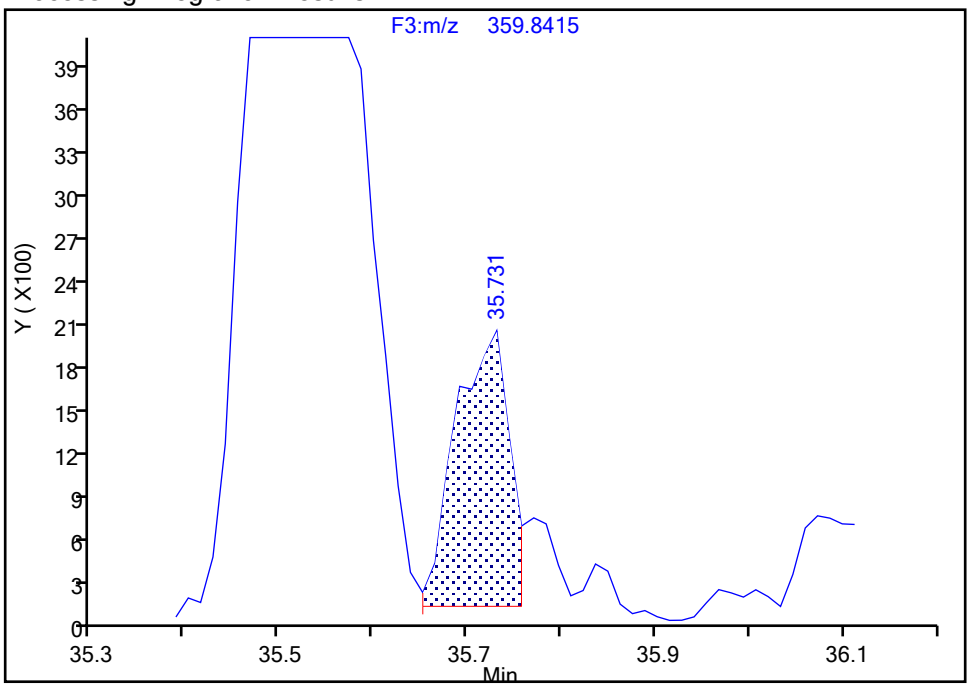
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 1

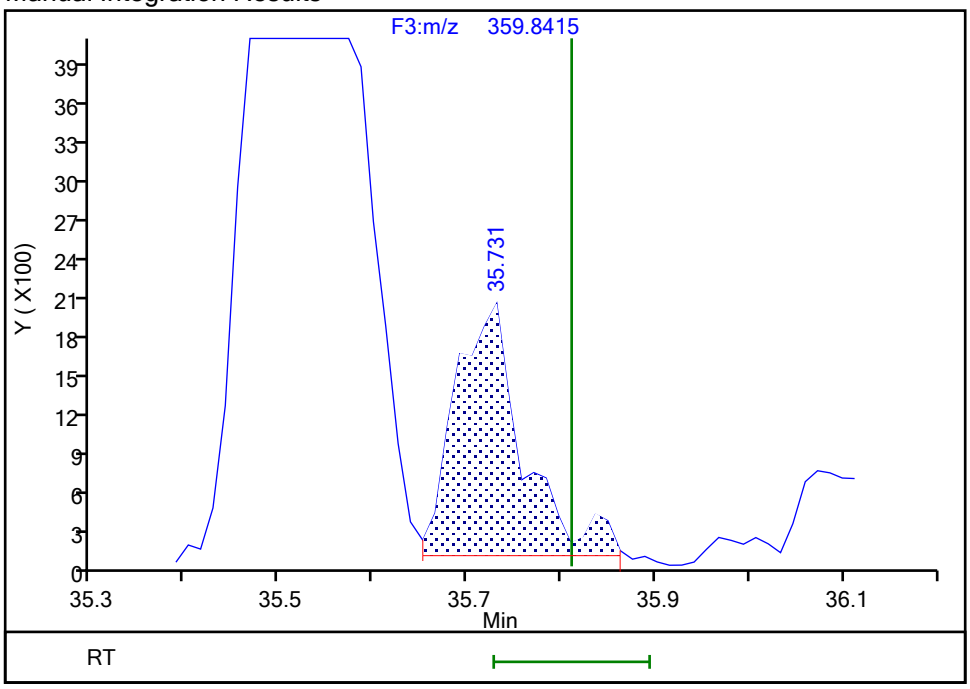
Processing Integration Results

RT: 35.73
Area: 7318
Amount: 0.610587
Amount Units: pg/ul



Manual Integration Results

RT: 35.73
Area: 9642
Amount: 0.792069
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:56:07 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

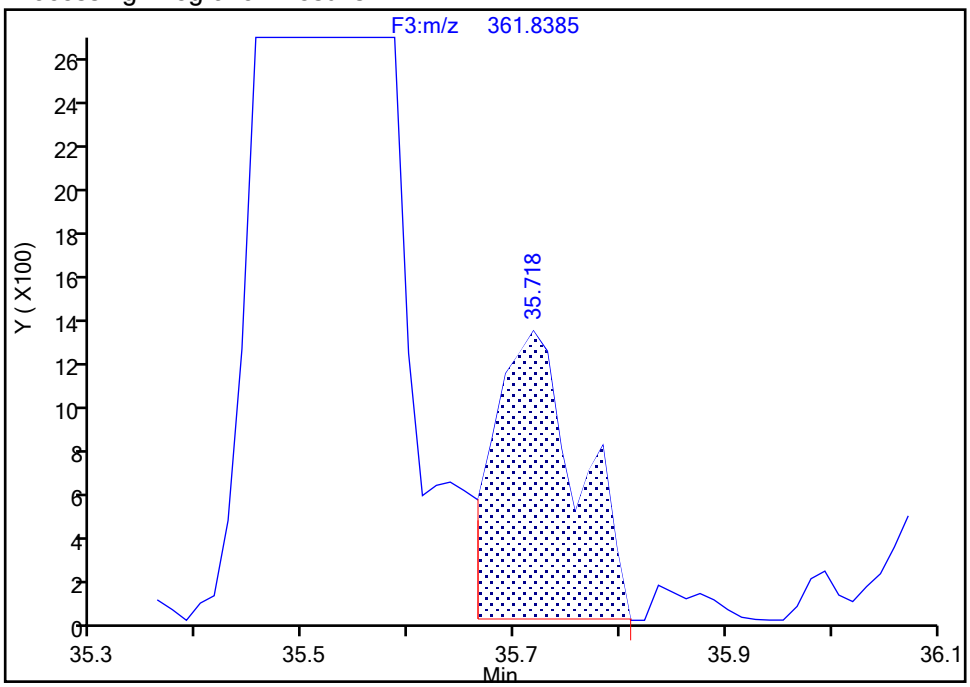
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 2

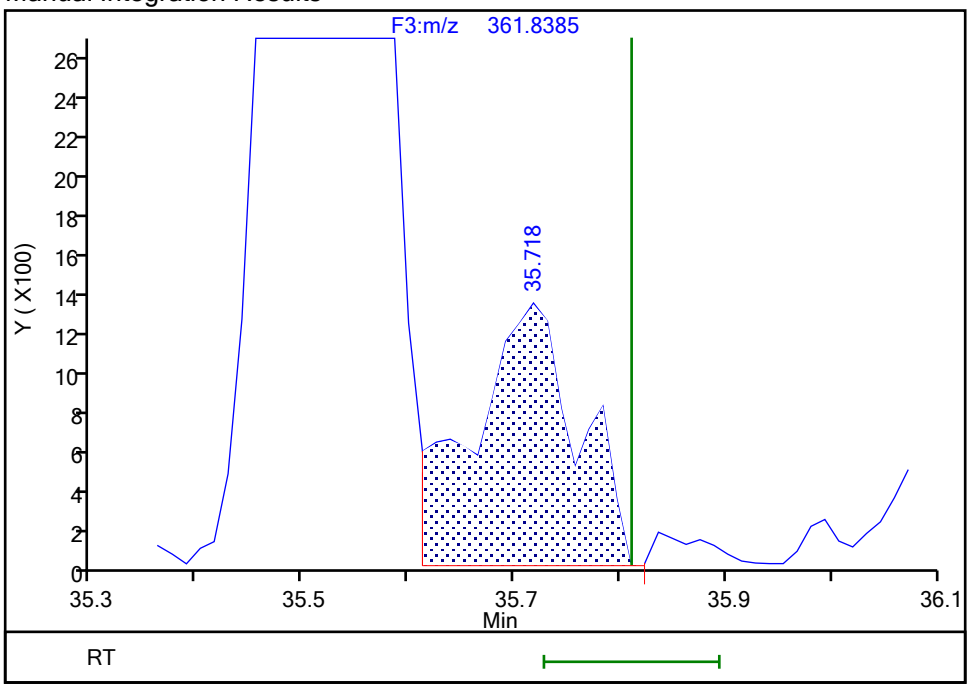
Processing Integration Results

RT: 35.72
Area: 7203
Amount: 0.610587
Amount Units: pg/ul



Manual Integration Results

RT: 35.72
Area: 9195
Amount: 0.792069
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:56:13 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

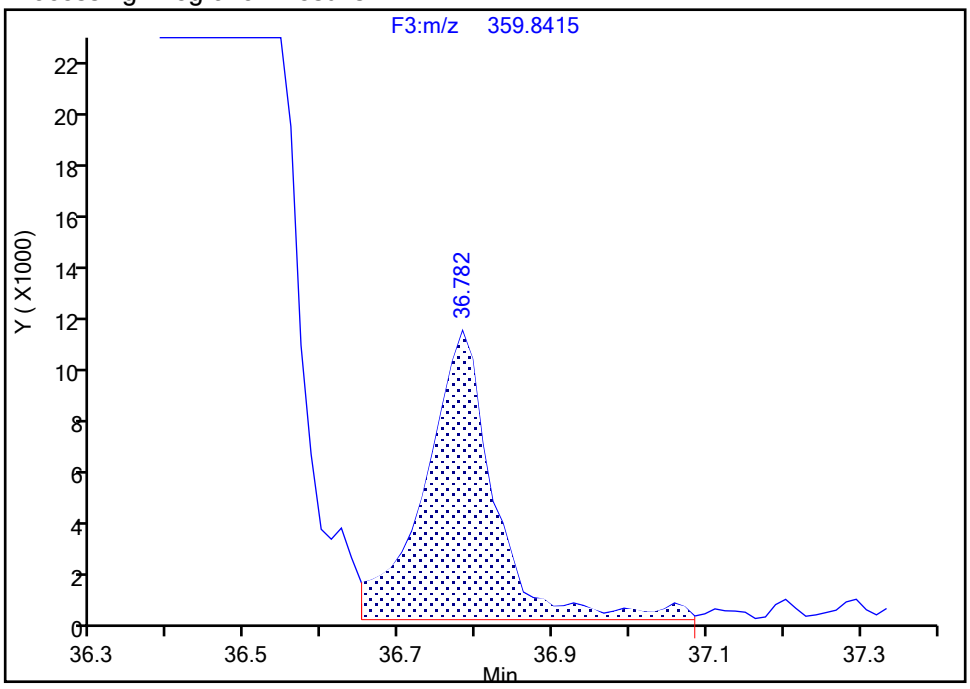
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-132, CAS: 38380-05-1

Signal: 1

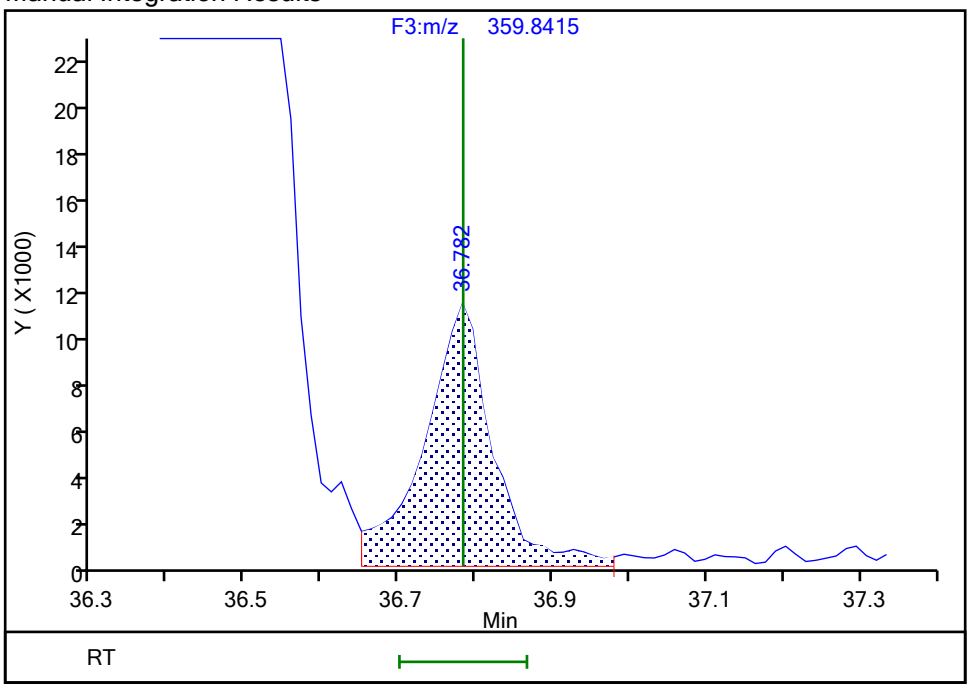
Processing Integration Results

RT: 36.78
Area: 69140
Amount: 4.908794
Amount Units: pg/ul



Manual Integration Results

RT: 36.78
Area: 66528
Amount: 4.802866
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:56:30 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

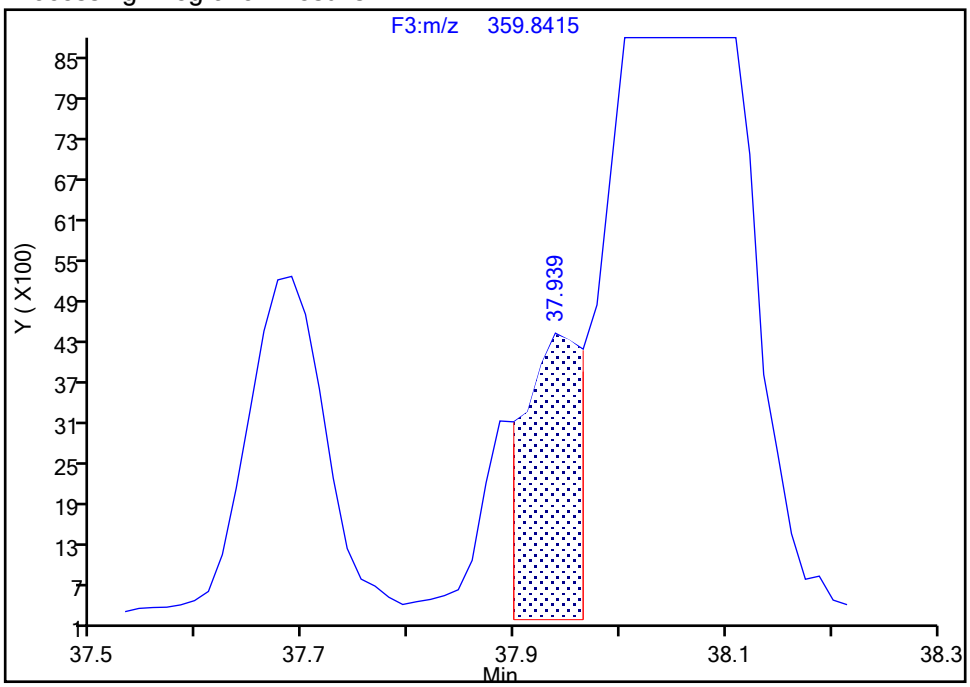
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-146, CAS: 51908-16-8

Signal: 1

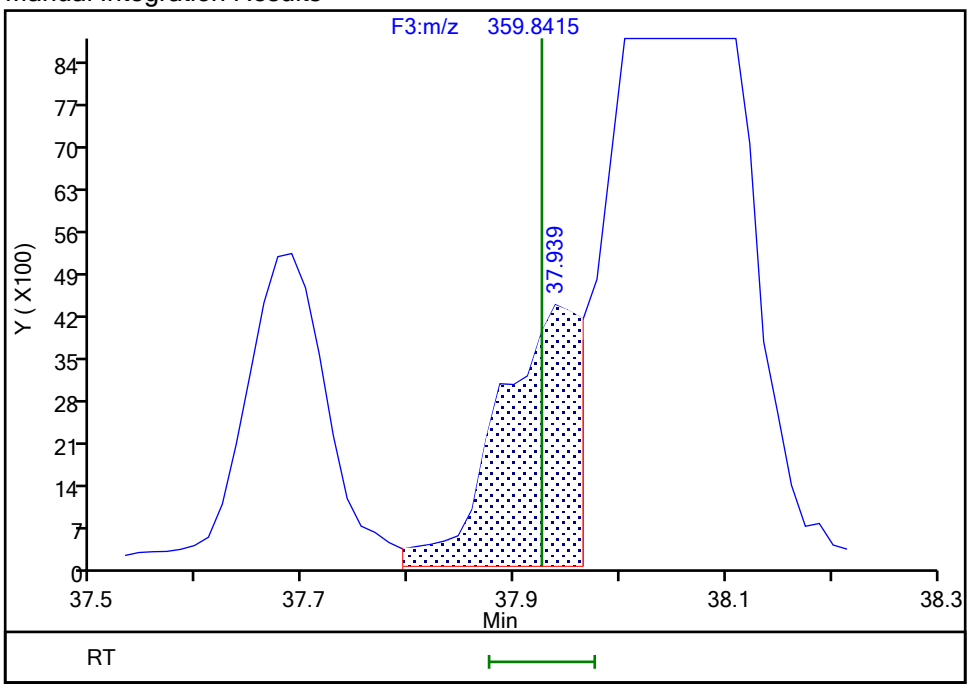
Processing Integration Results

RT: 37.94
Area: 14745
Amount: 0.996755
Amount Units: pg/ul



Manual Integration Results

RT: 37.94
Area: 22055
Amount: 1.225266
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:57:20 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

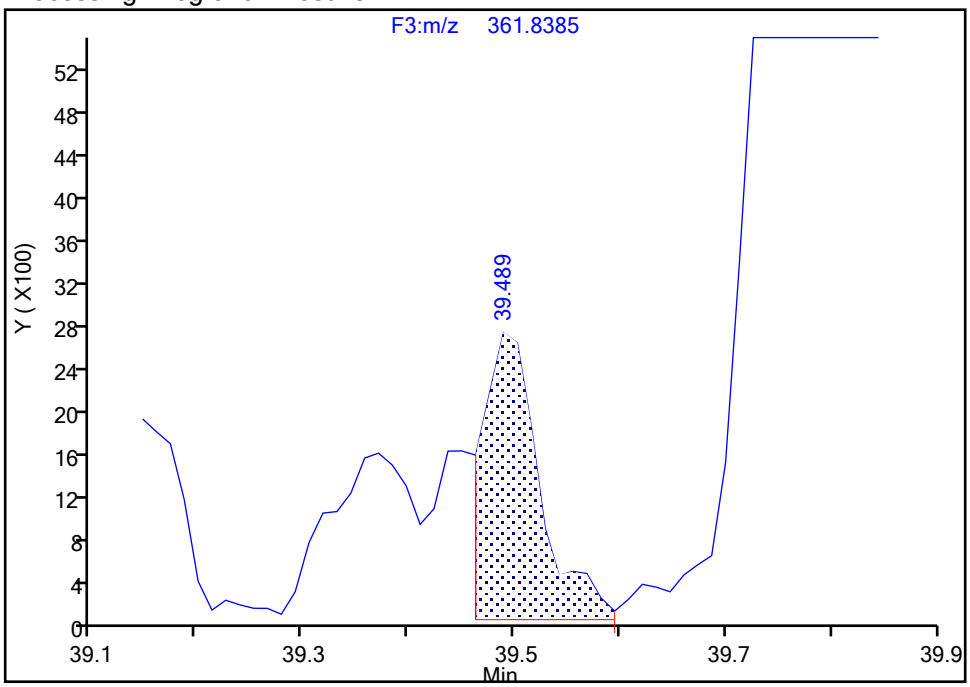
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-164, CAS: 74472-45-0

Signal: 2

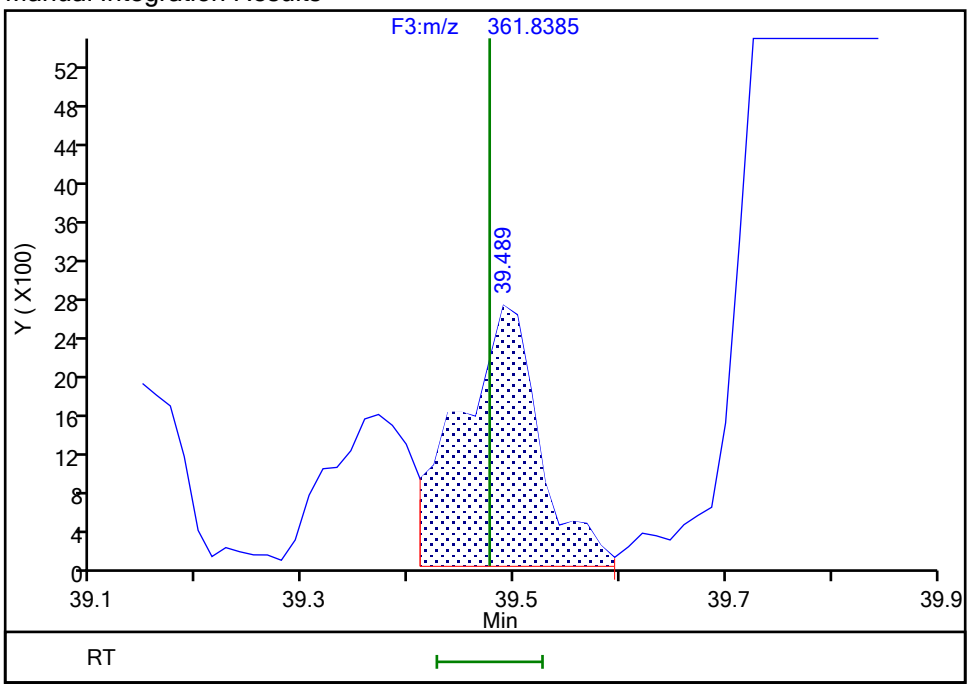
Processing Integration Results

RT: 39.49
Area: 9688
Amount: 0.594435
Amount Units: pg/ul



Manual Integration Results

RT: 39.49
Area: 13859
Amount: 0.701365
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:57:36 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

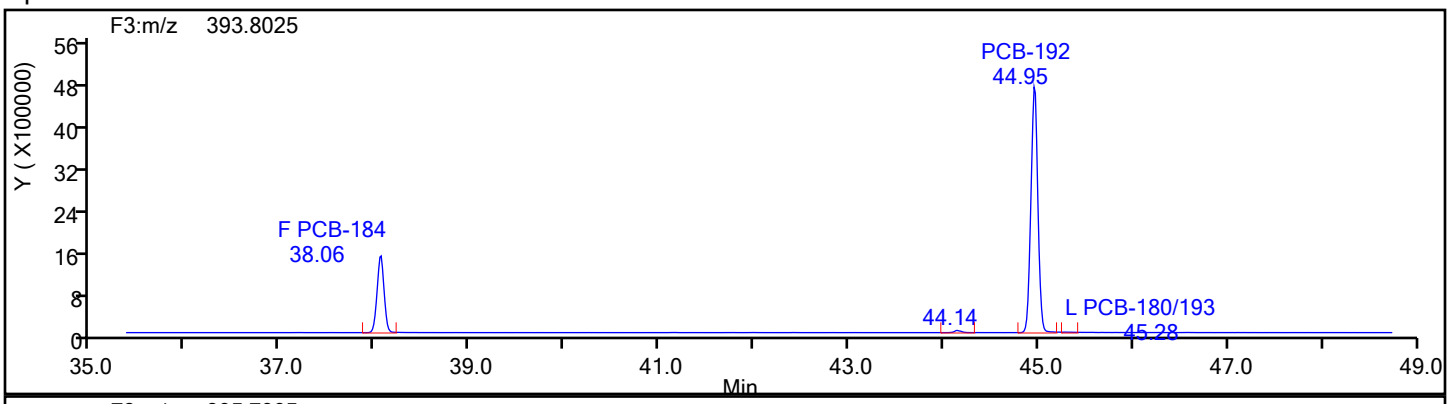
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

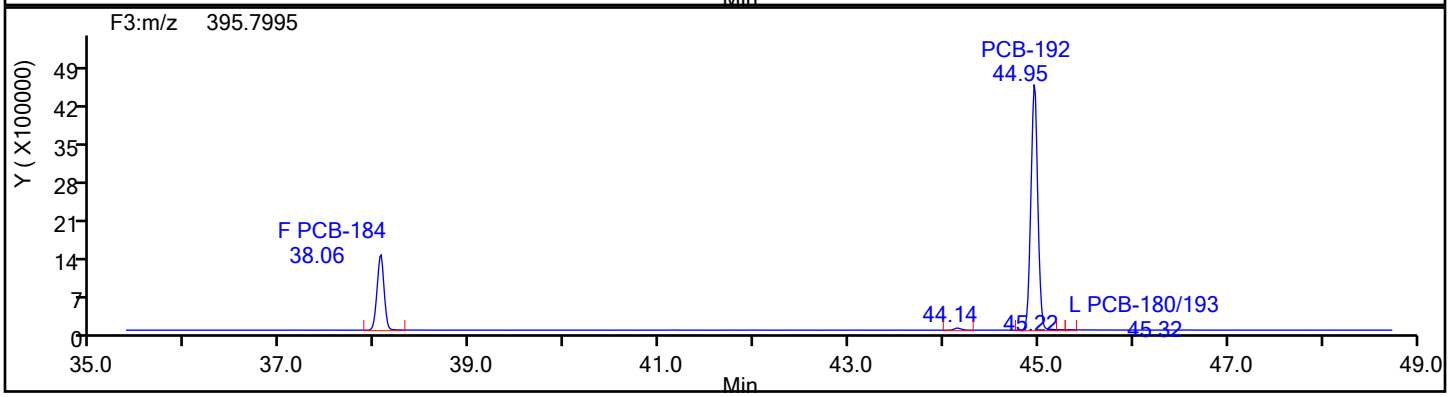
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

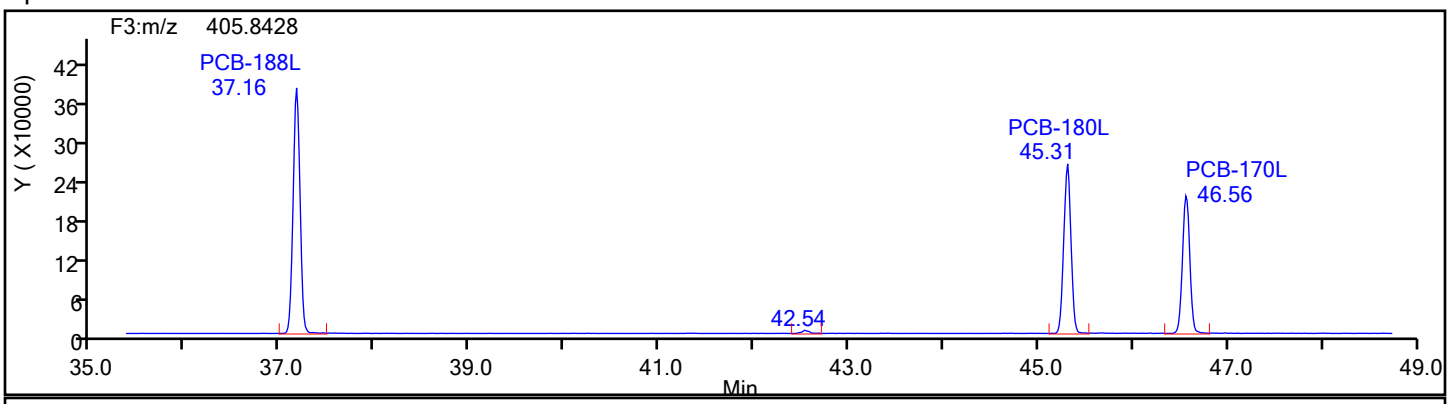
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

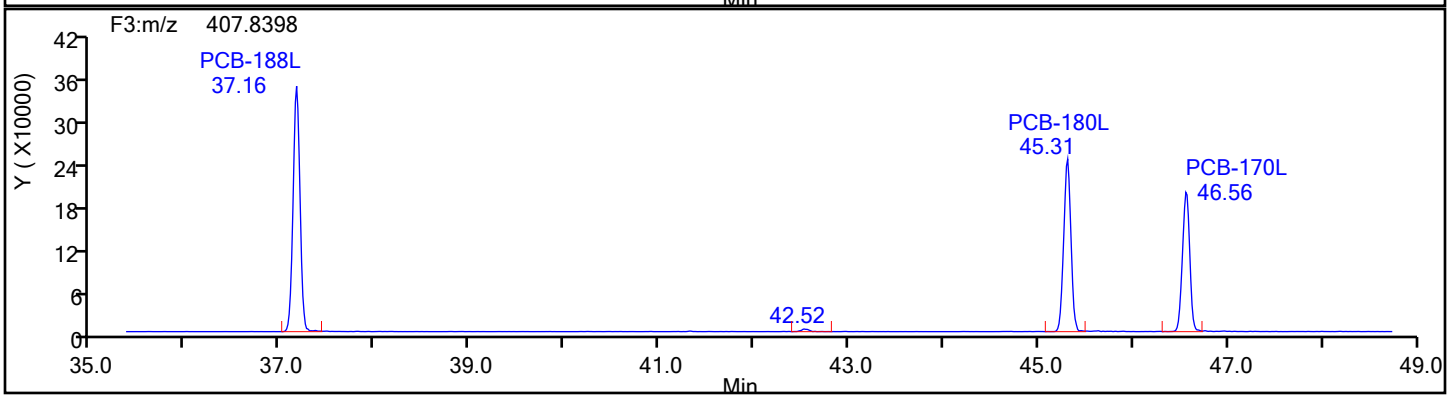
HpPCB F3





HpPCB F3 Standards



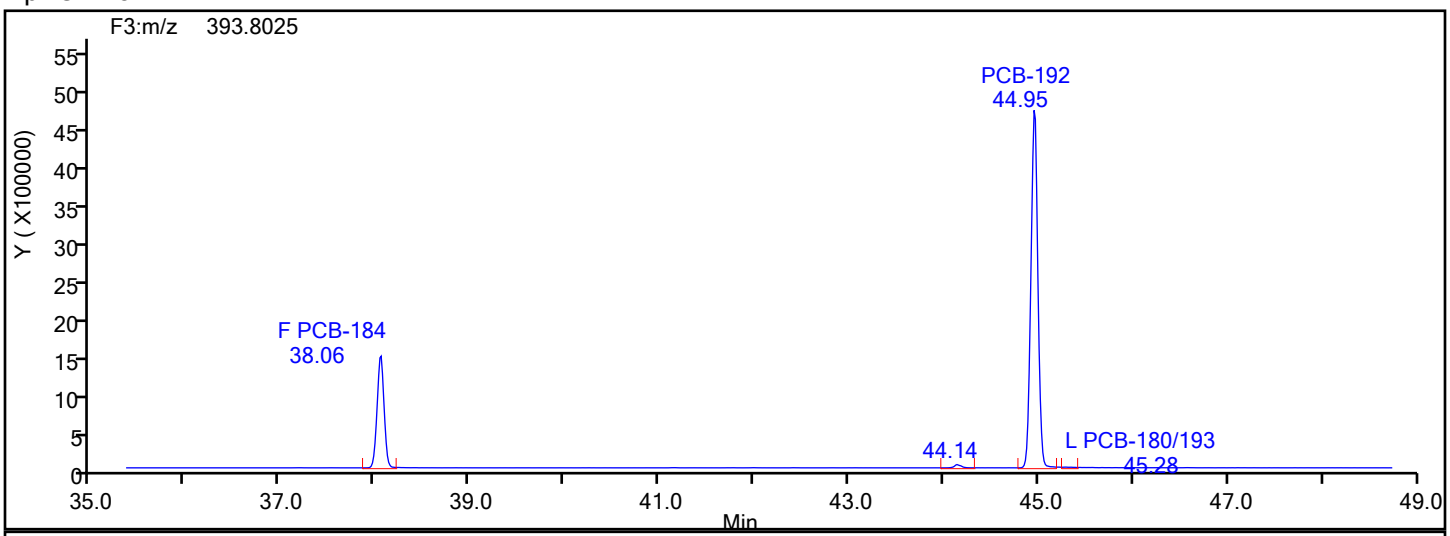


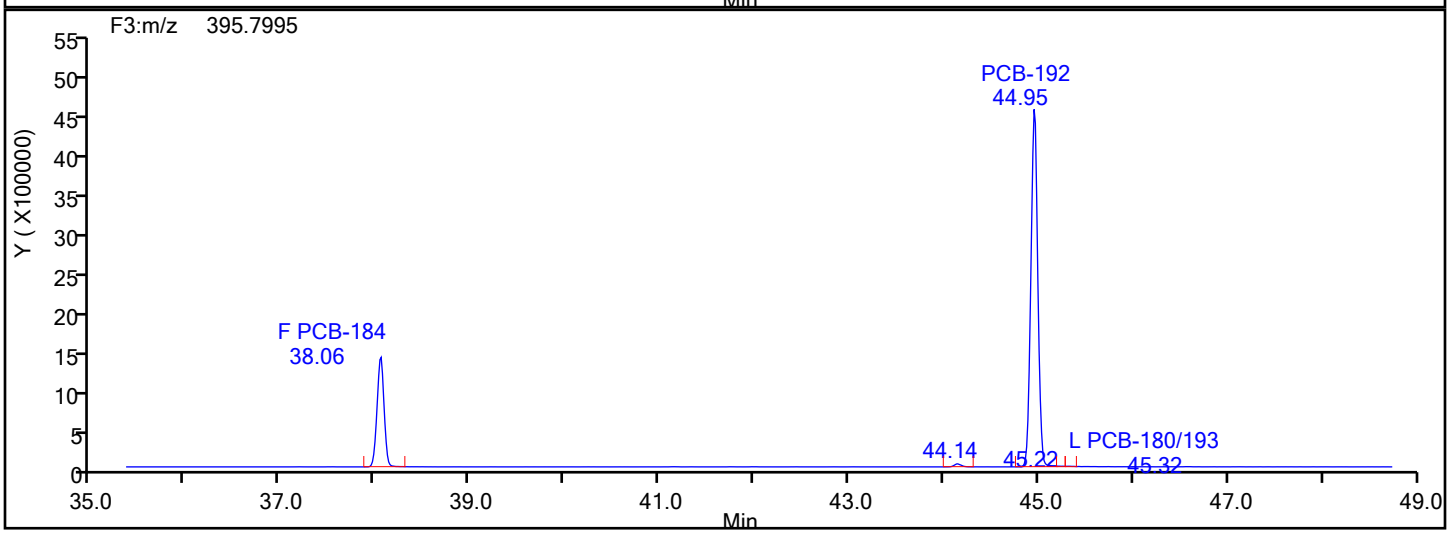
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

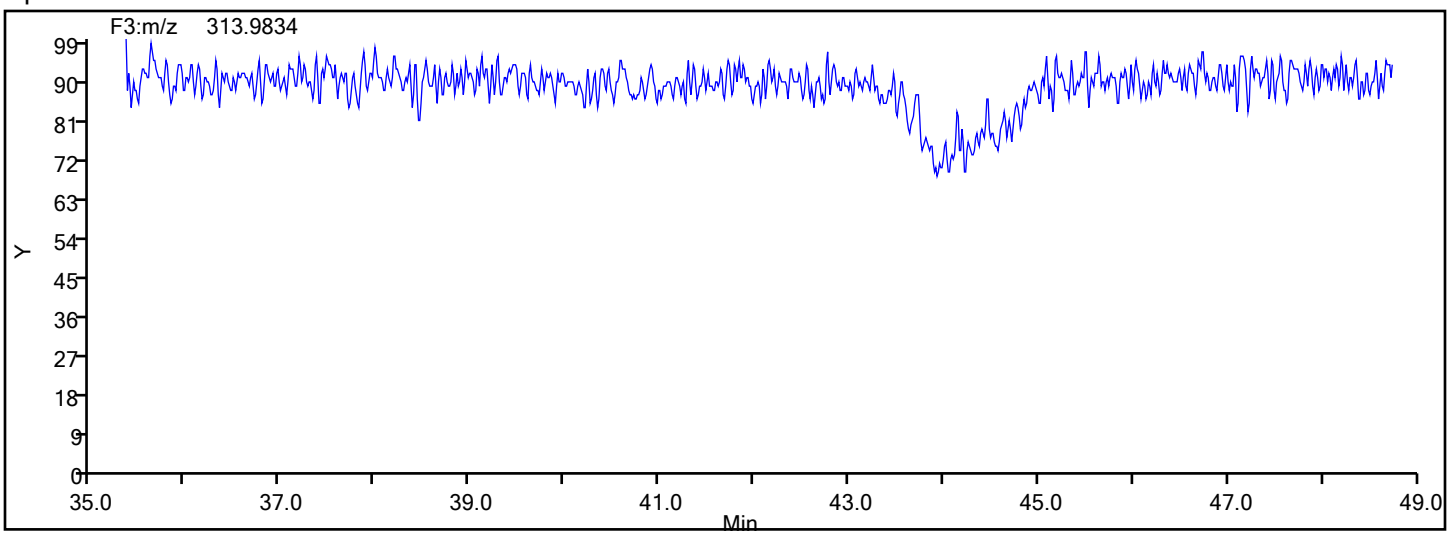
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

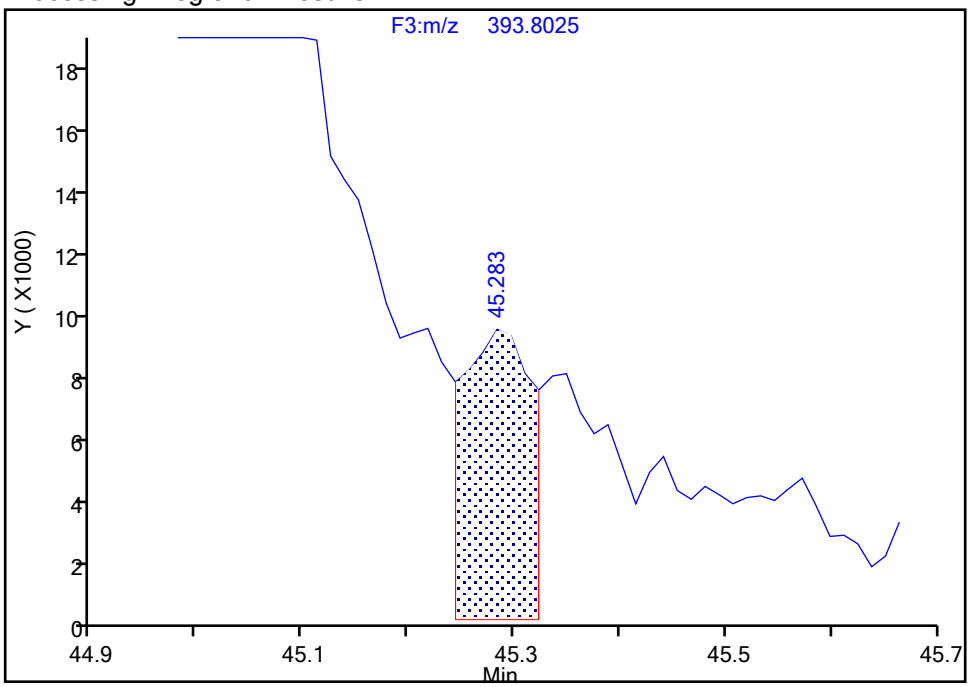
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-180/193, CAS: STL01824

Signal: 1

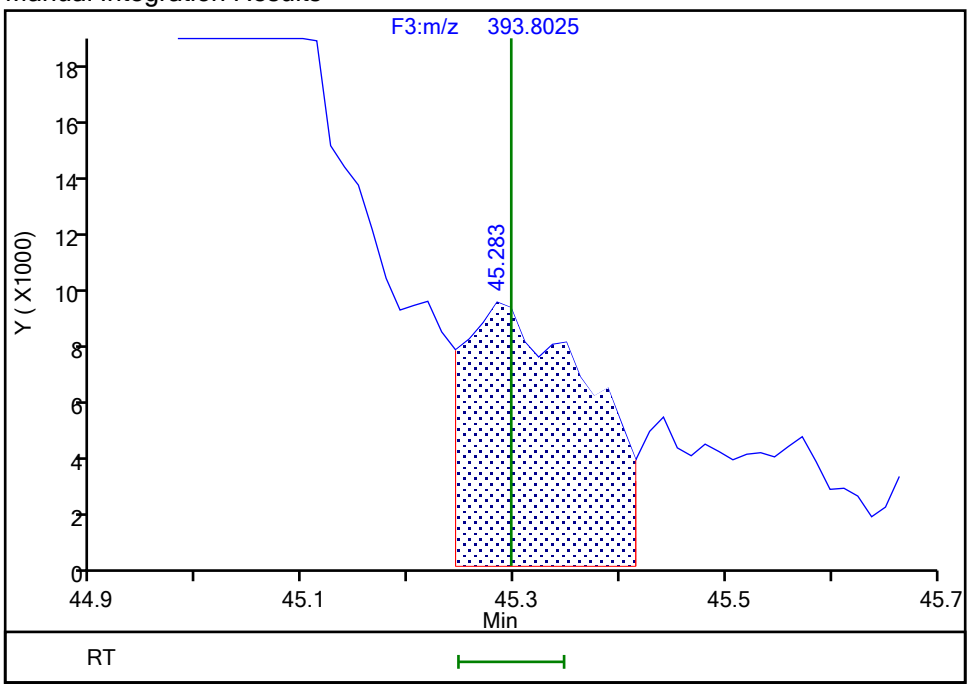
Processing Integration Results

RT: 45.28
Area: 40288
Amount: 2.577702
Amount Units: pg/ul



Manual Integration Results

RT: 45.28
Area: 76388
Amount: 3.625419
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:58:26 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

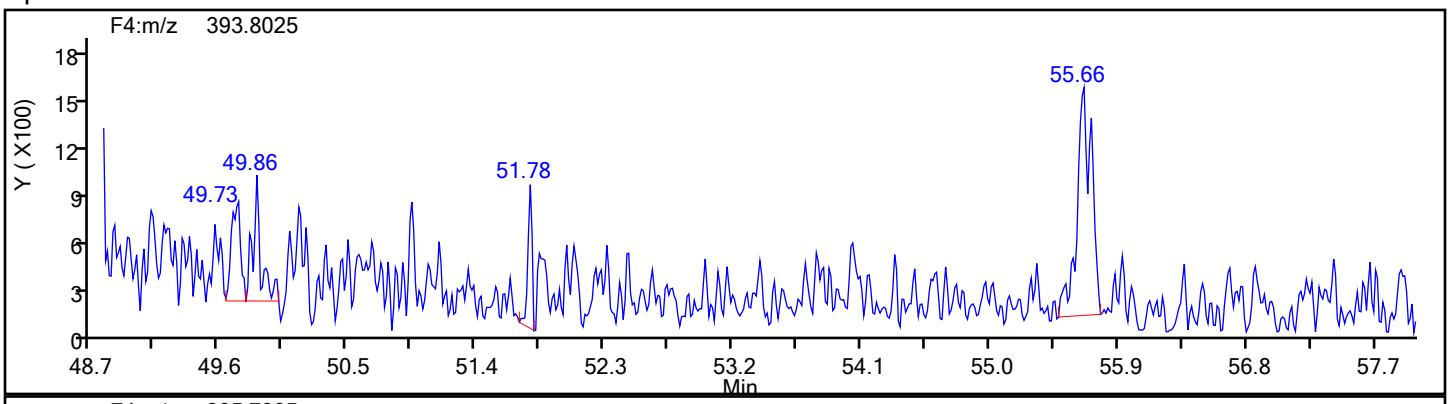
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

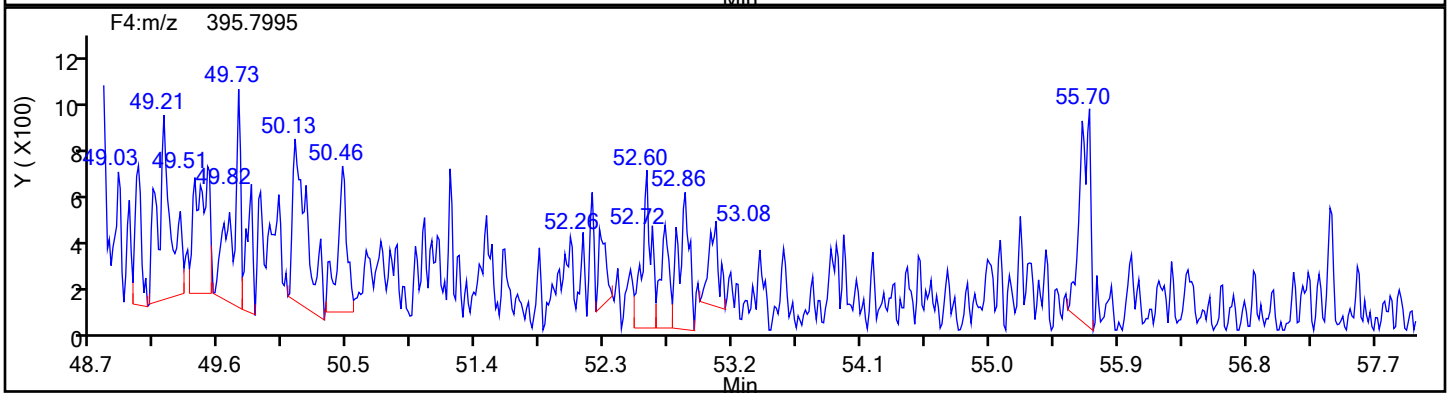
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

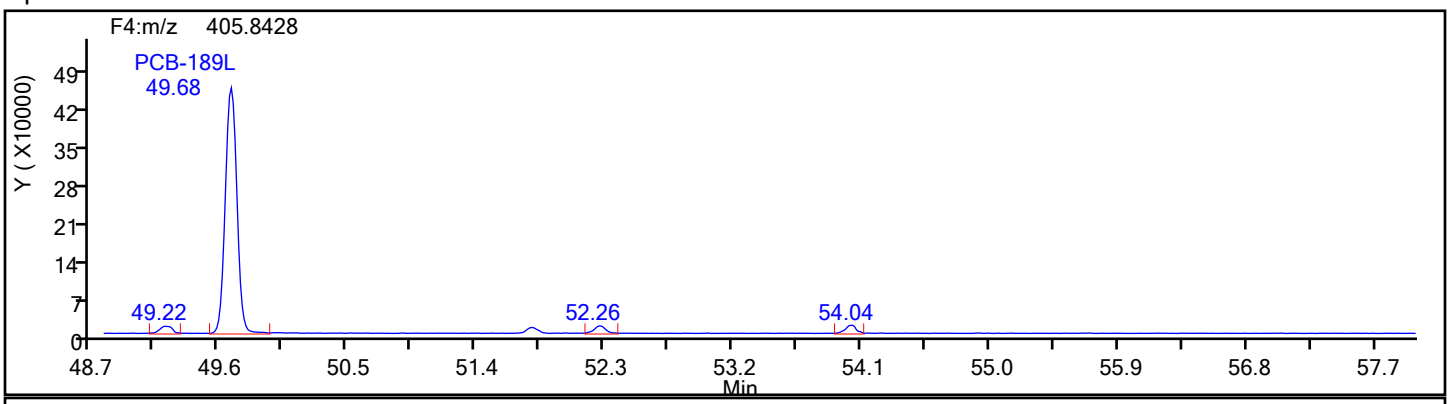
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

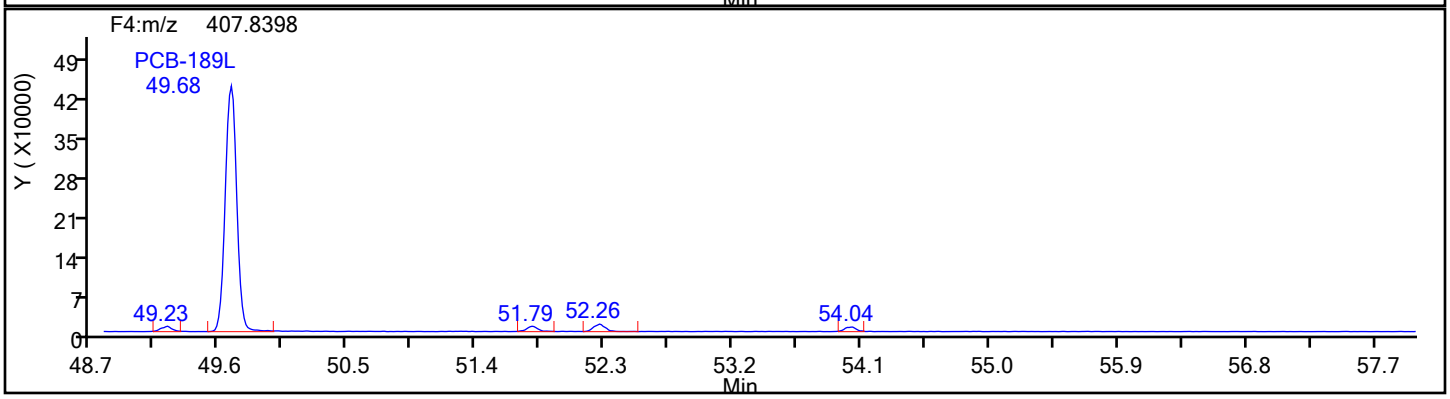
HpPCB F4





HpPCB F4 Standards



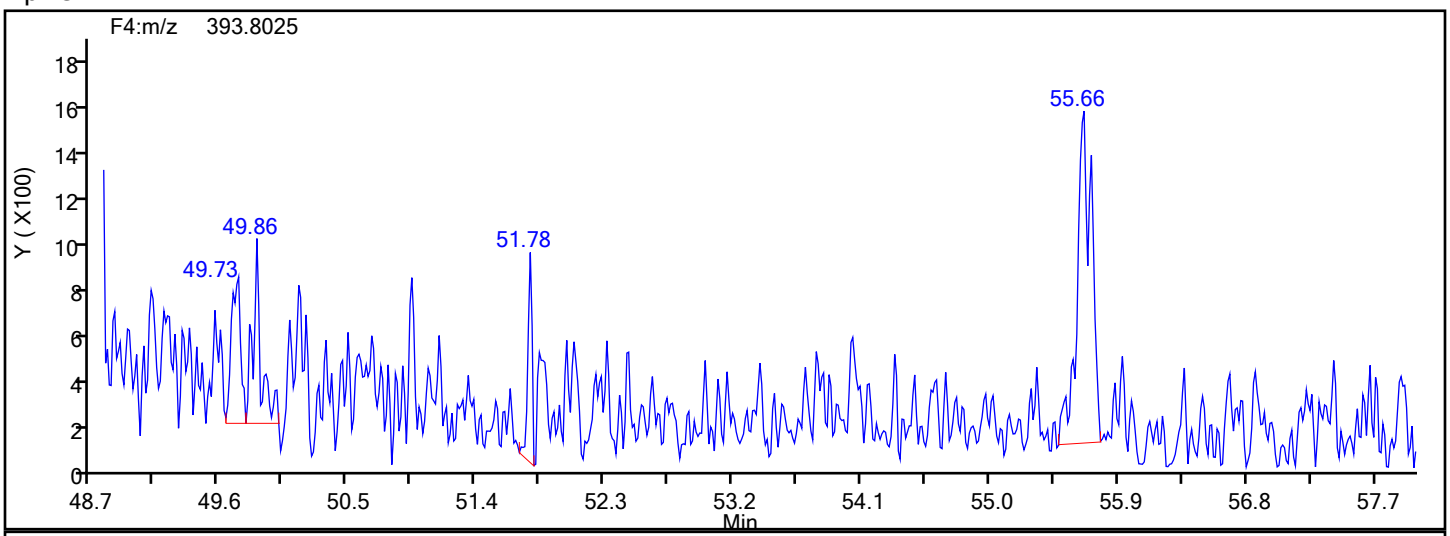


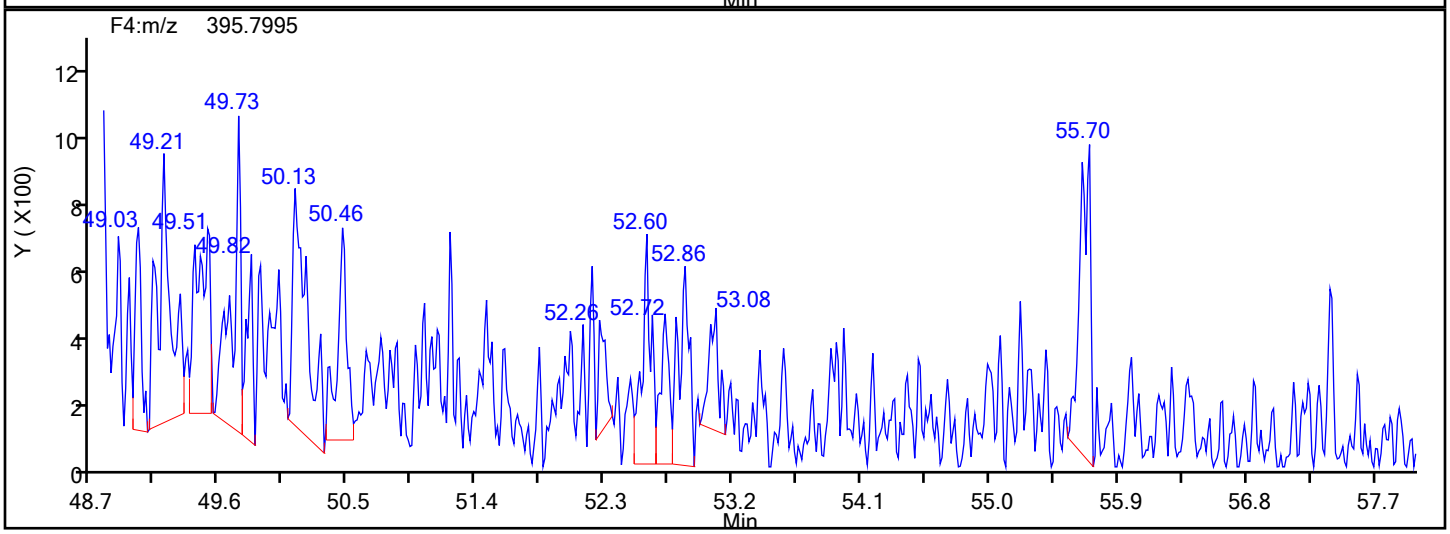
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

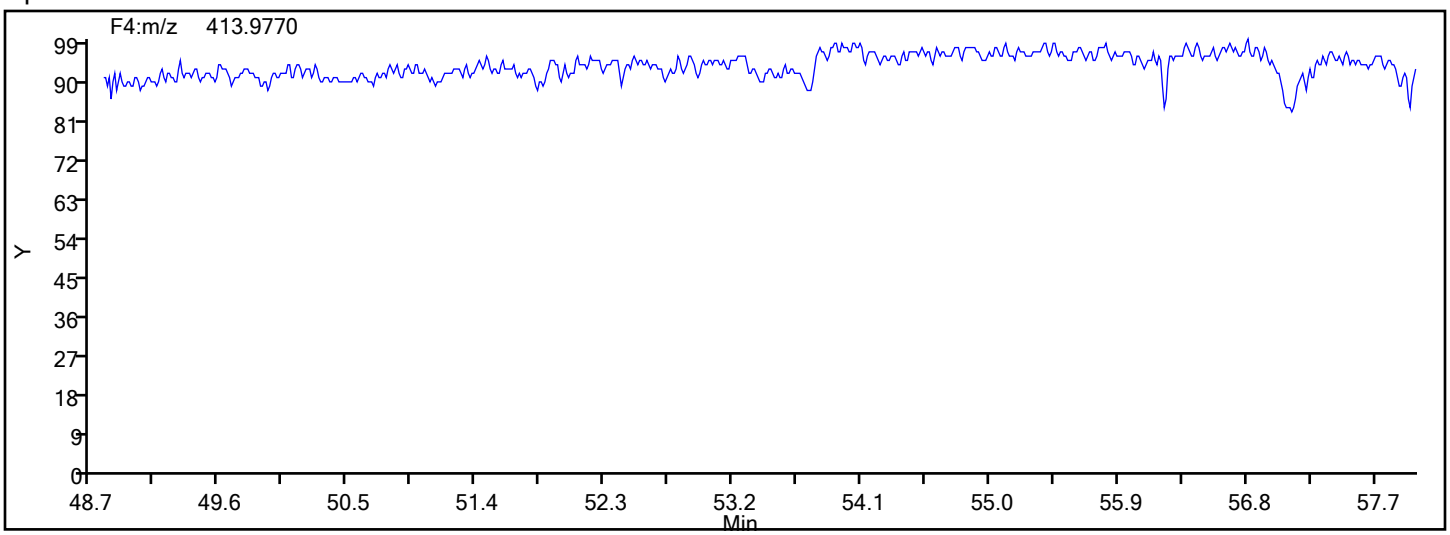
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



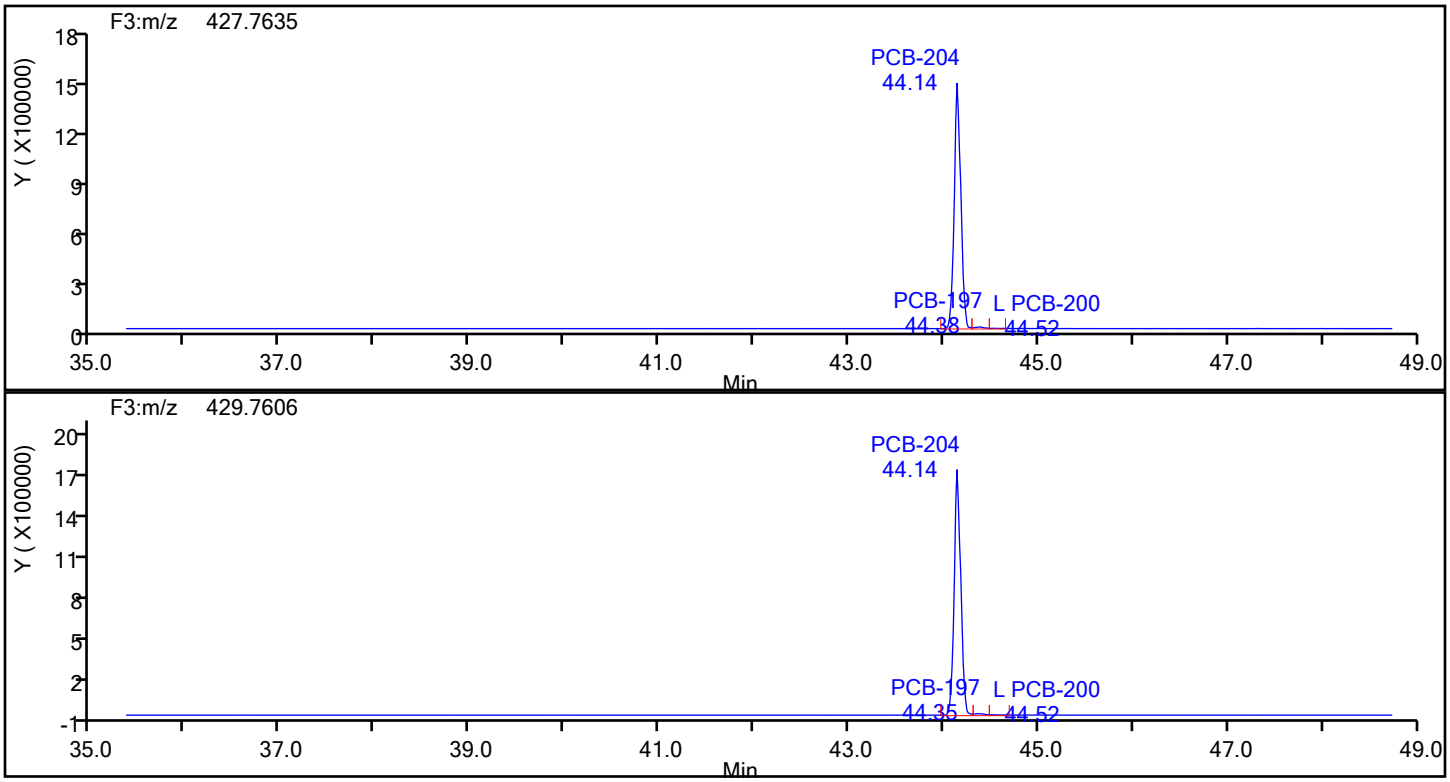
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

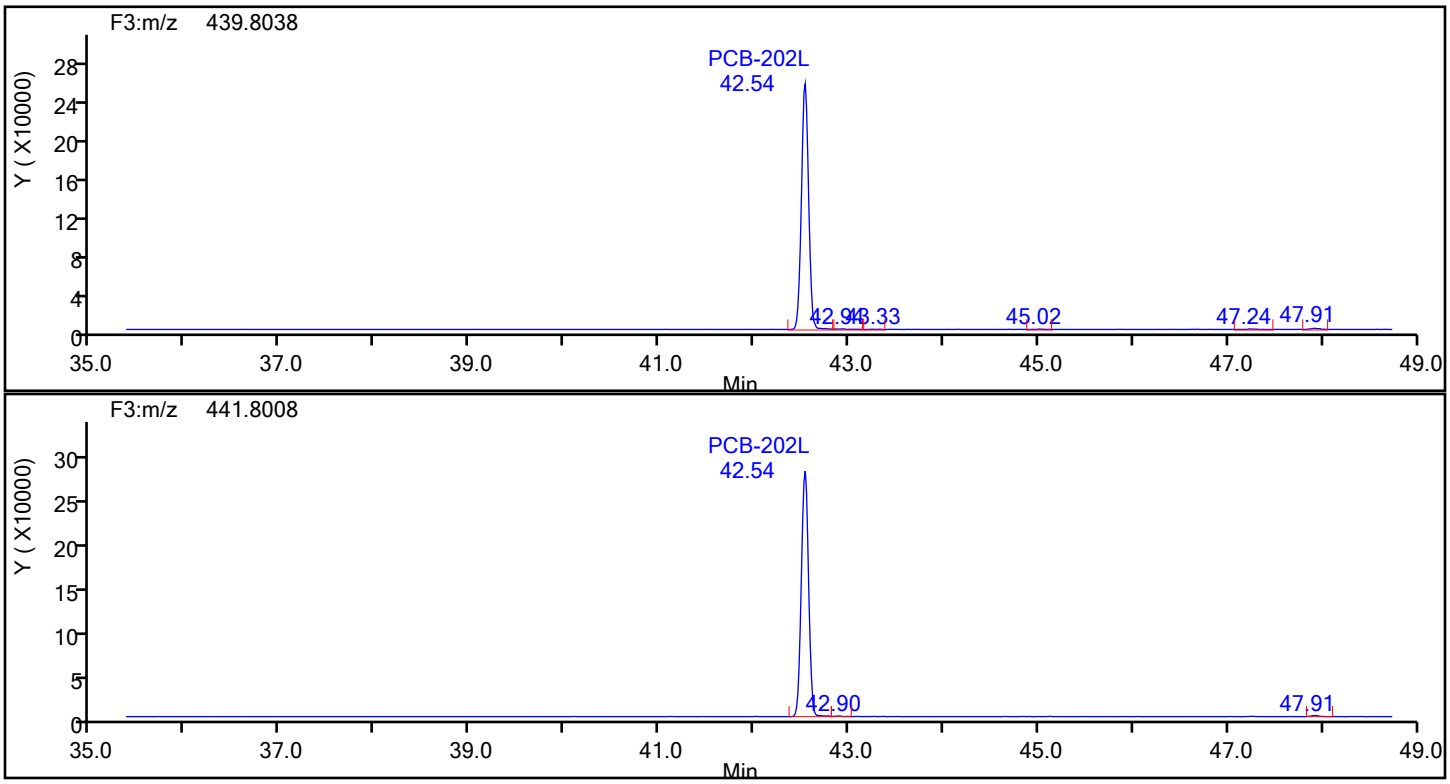
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

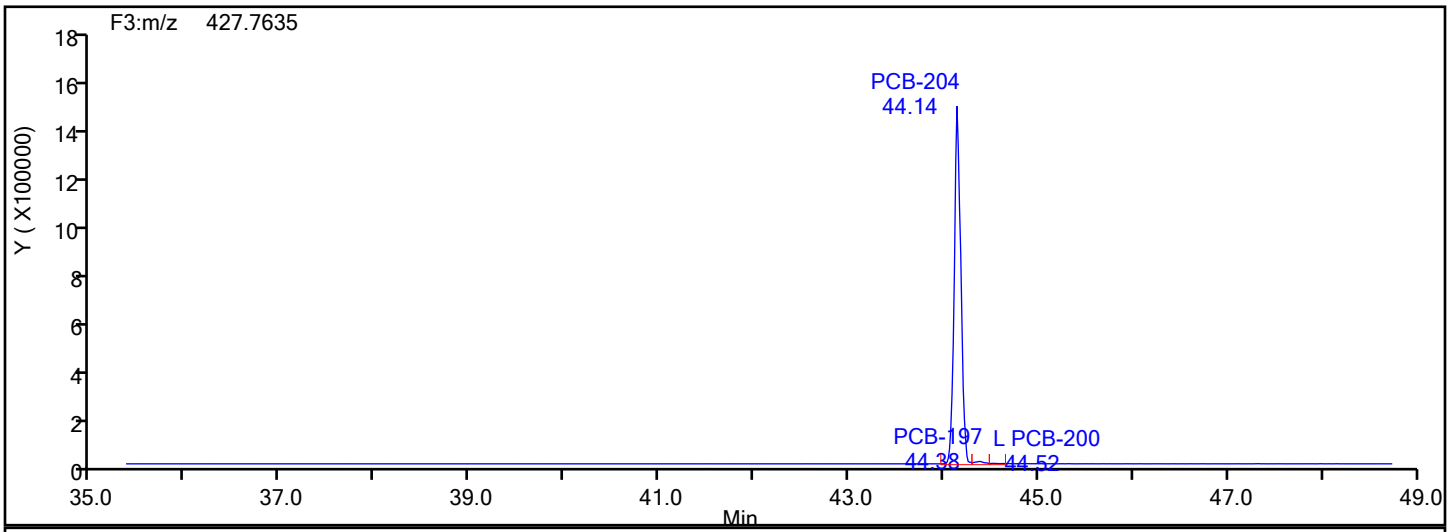


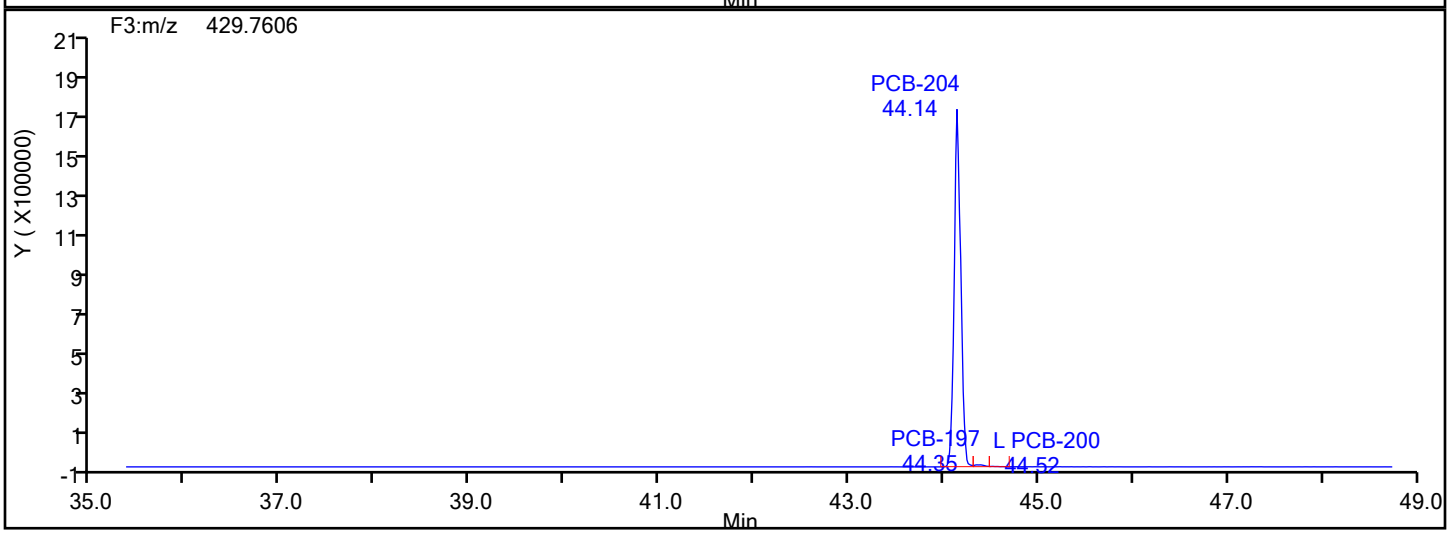
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

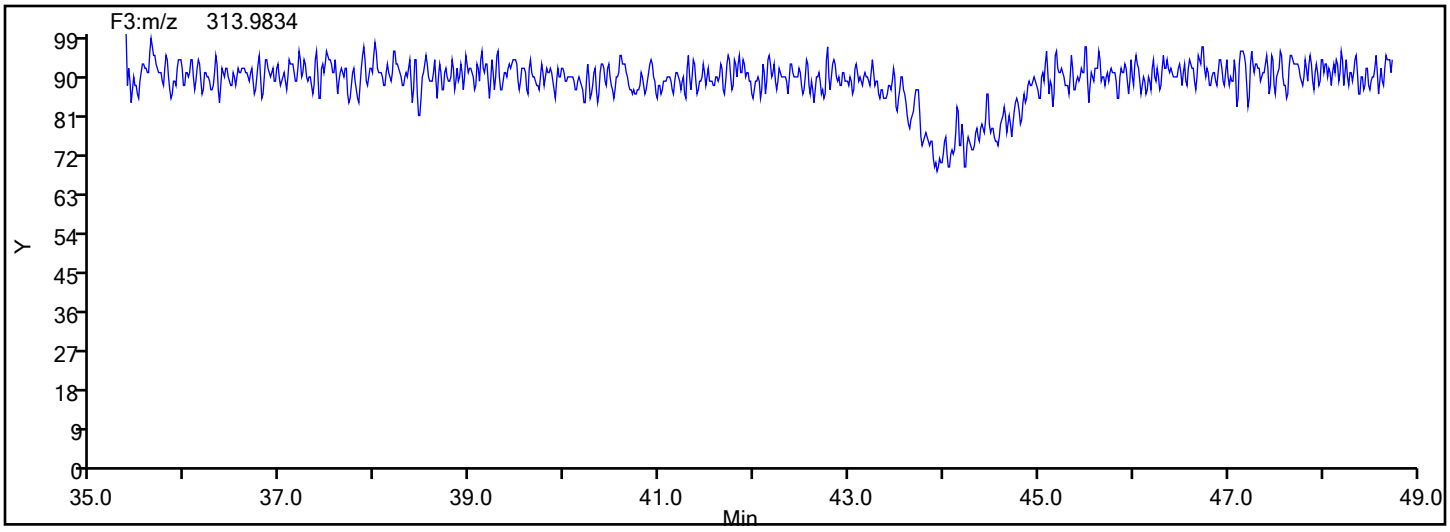
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

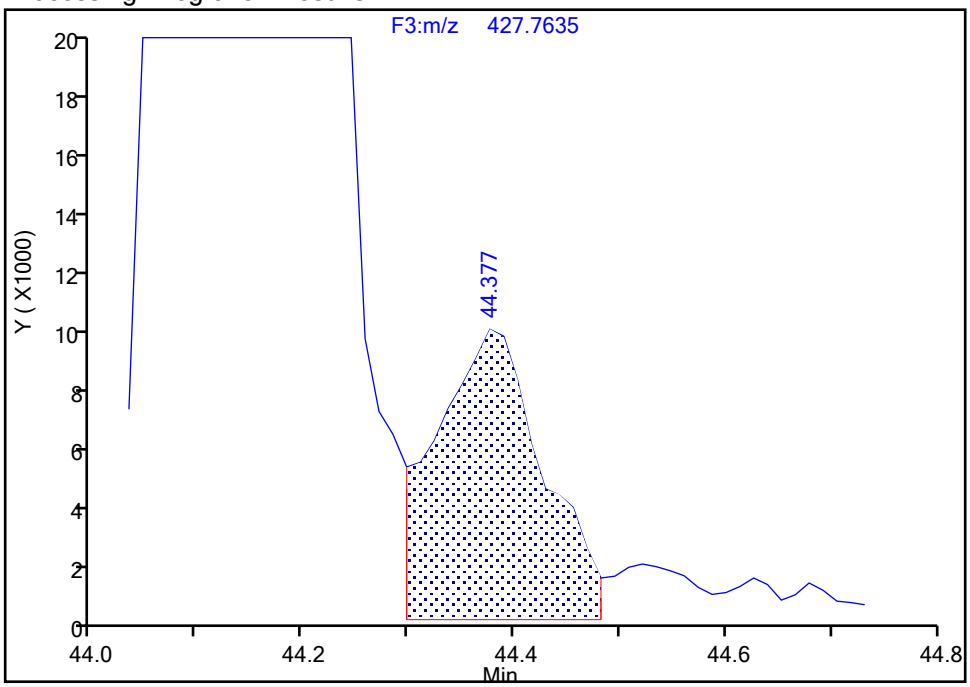
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 1

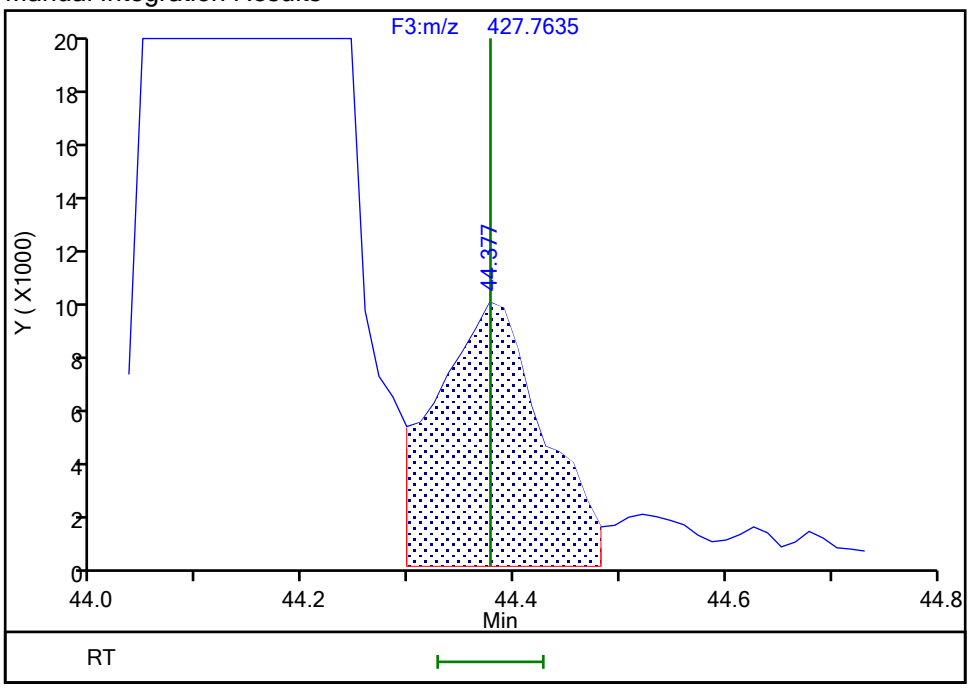
Processing Integration Results

RT: 44.38
Area: 69489
Amount: 4.101987
Amount Units: pg/ul



Manual Integration Results

RT: 44.38
Area: 69511
Amount: 4.727097
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:00:03 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

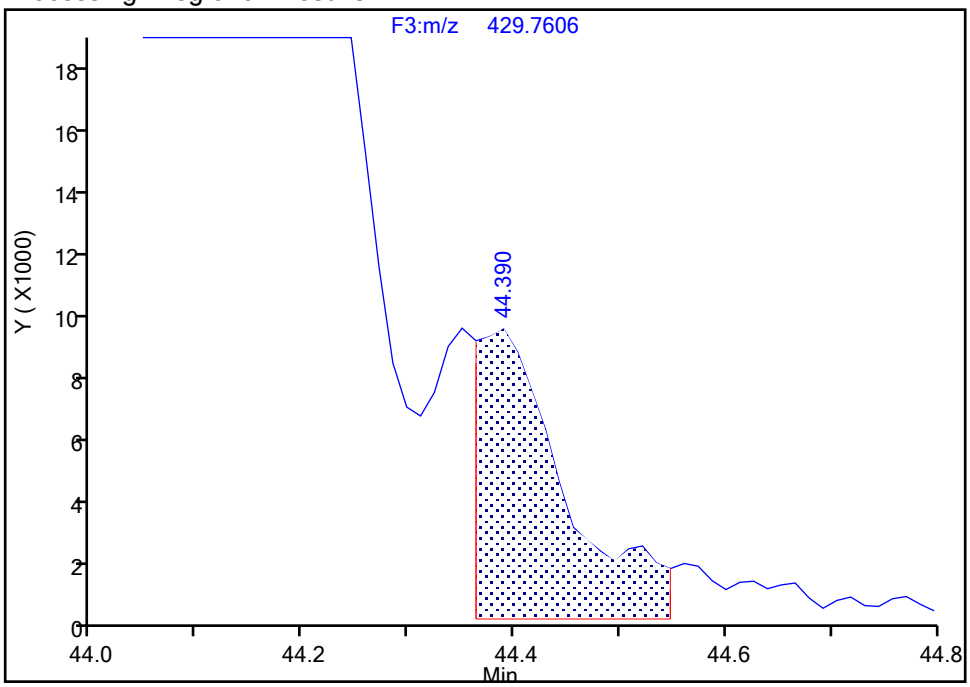
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 2

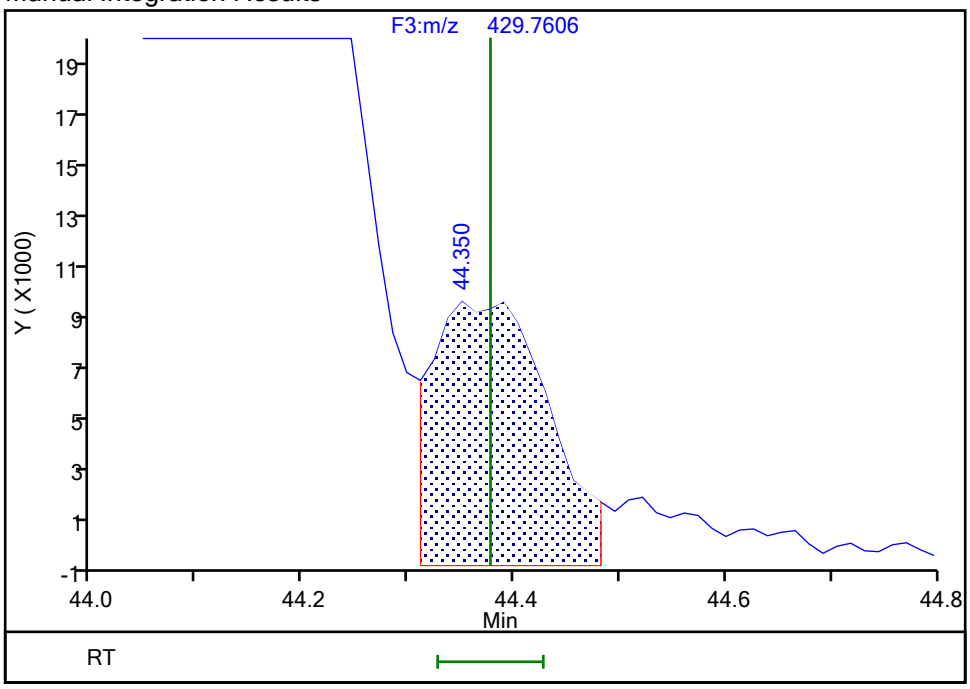
Processing Integration Results

RT: 44.39
Area: 53011
Amount: 4.101987
Amount Units: pg/ul



Manual Integration Results

RT: 44.35
Area: 71657
Amount: 4.727097
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:00:05 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

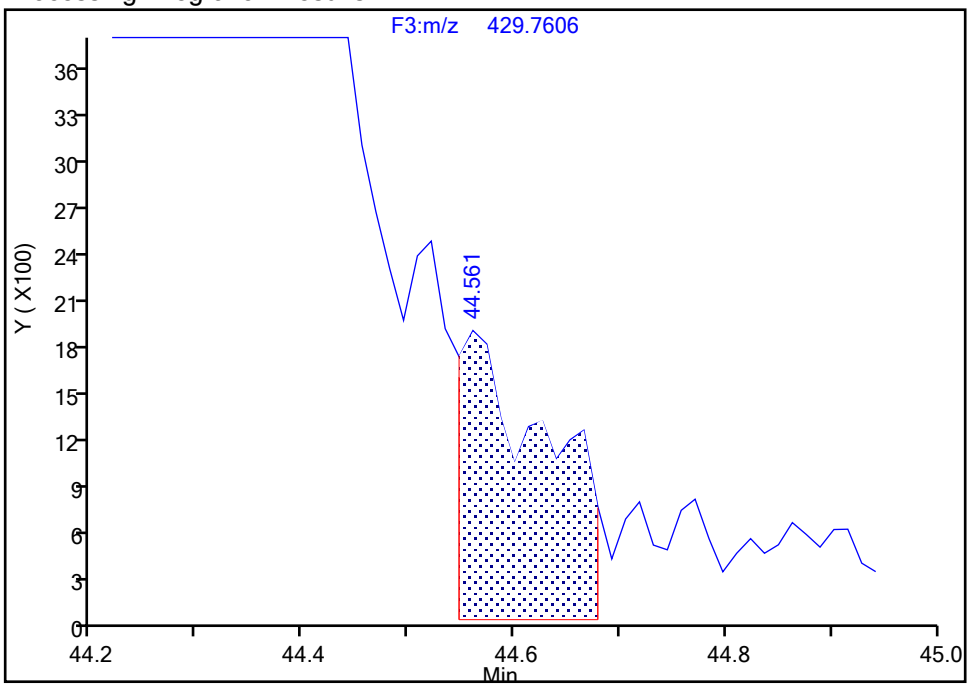
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 2

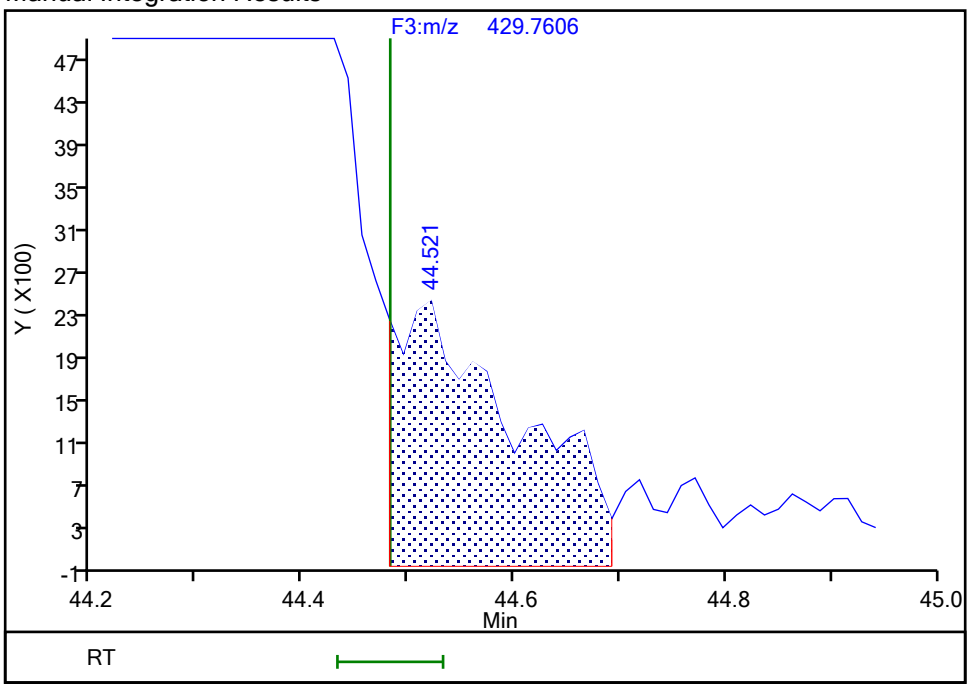
Processing Integration Results

RT: 44.56
Area: 10228
Amount: 0.732321
Amount Units: pg/ul



Manual Integration Results

RT: 44.52
Area: 19398
Amount: 1.225291
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 19:59:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

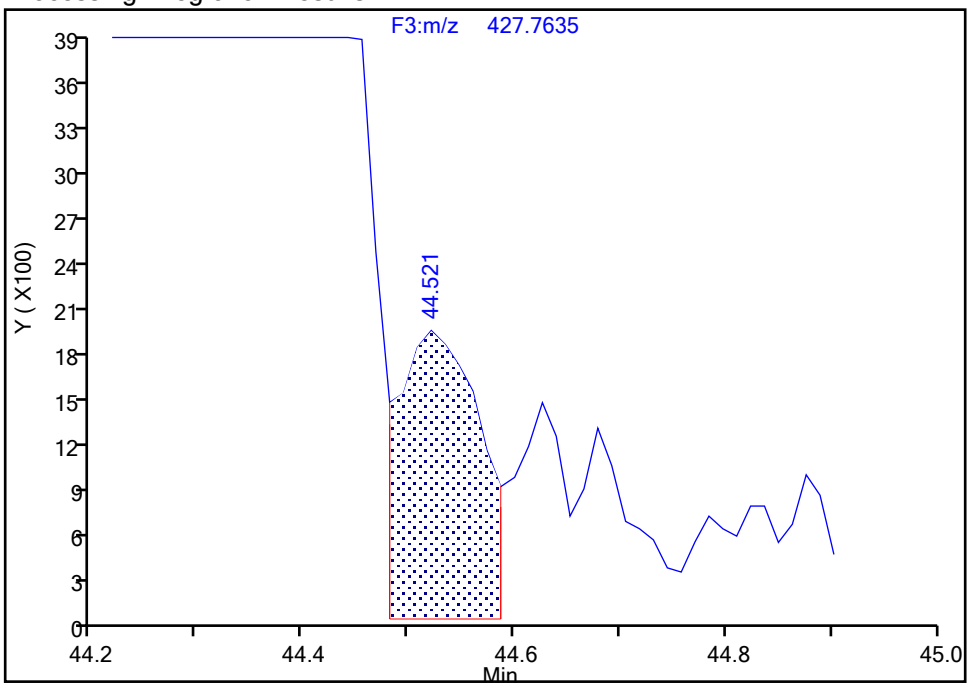
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 1

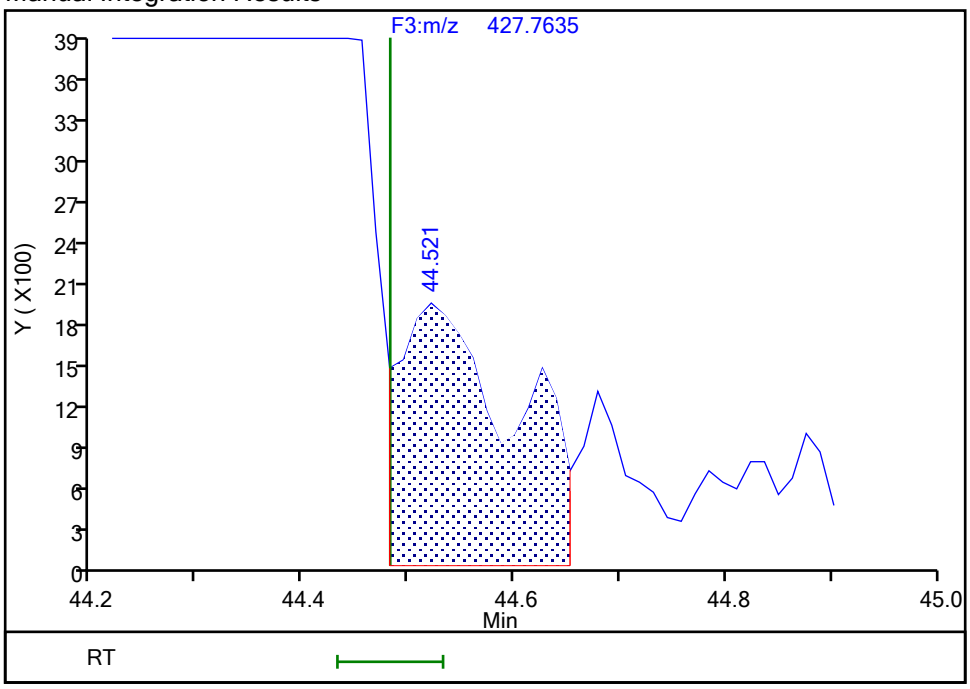
Processing Integration Results

RT: 44.52
Area: 9941
Amount: 0.732321
Amount Units: pg/ul



Manual Integration Results

RT: 44.52
Area: 14348
Amount: 1.225291
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:00:11 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

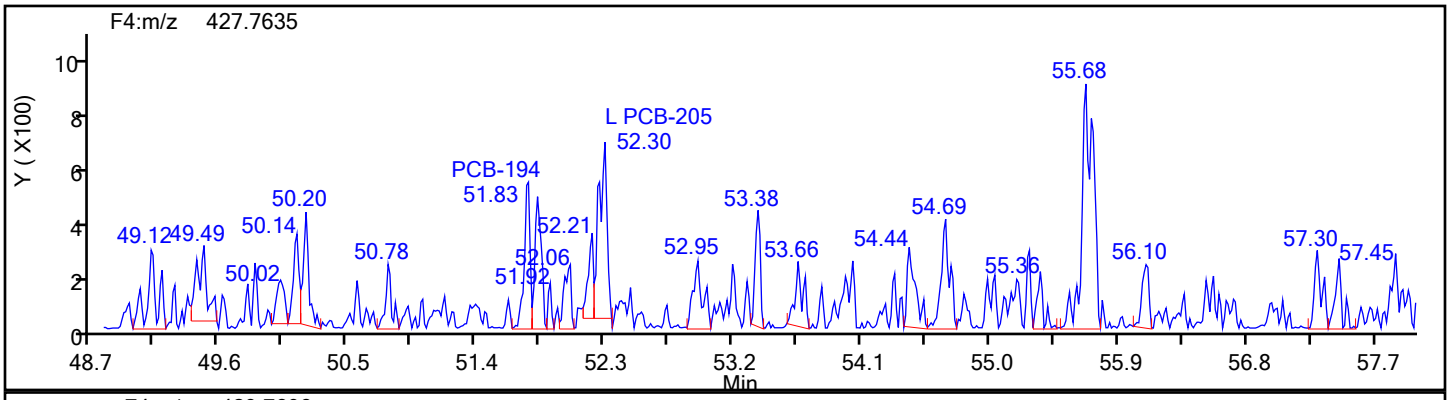
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

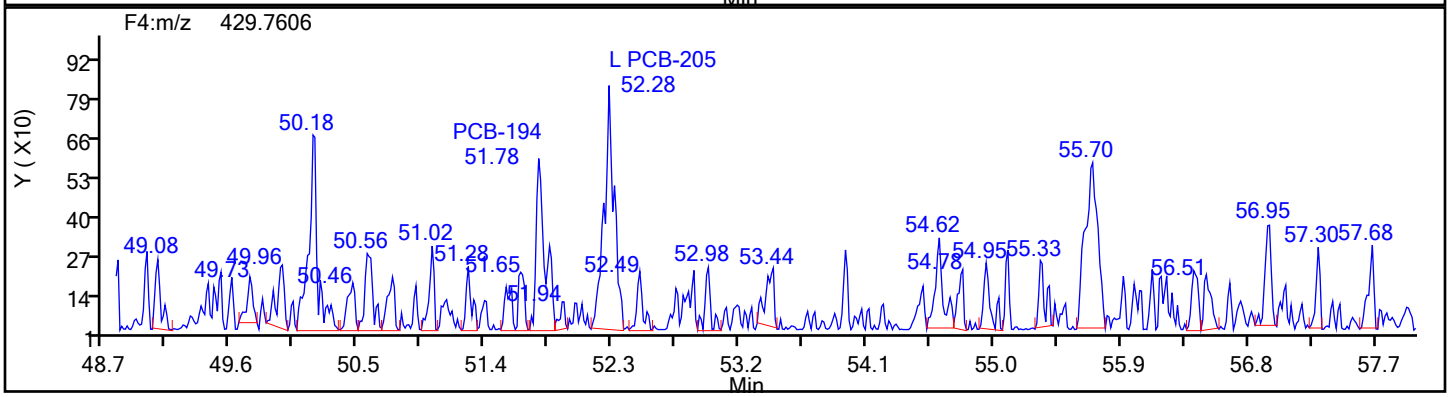
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

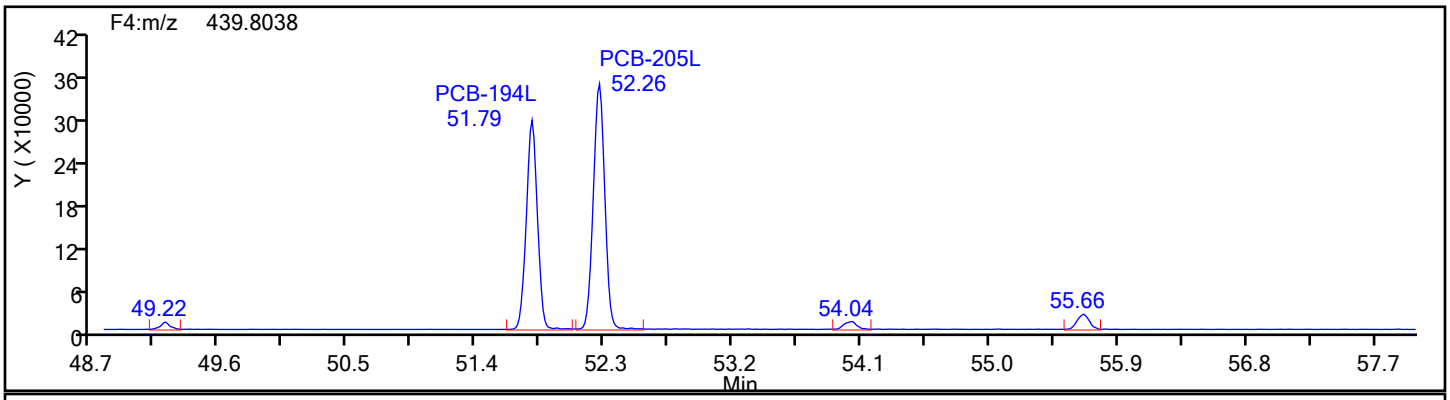
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

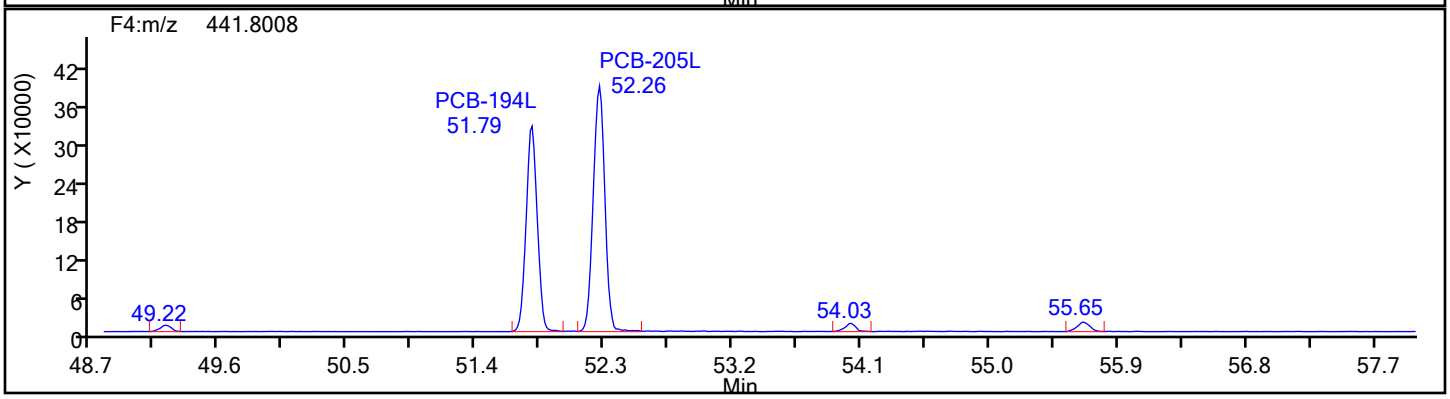
OcPCB F4





OcPCB F4 Standards



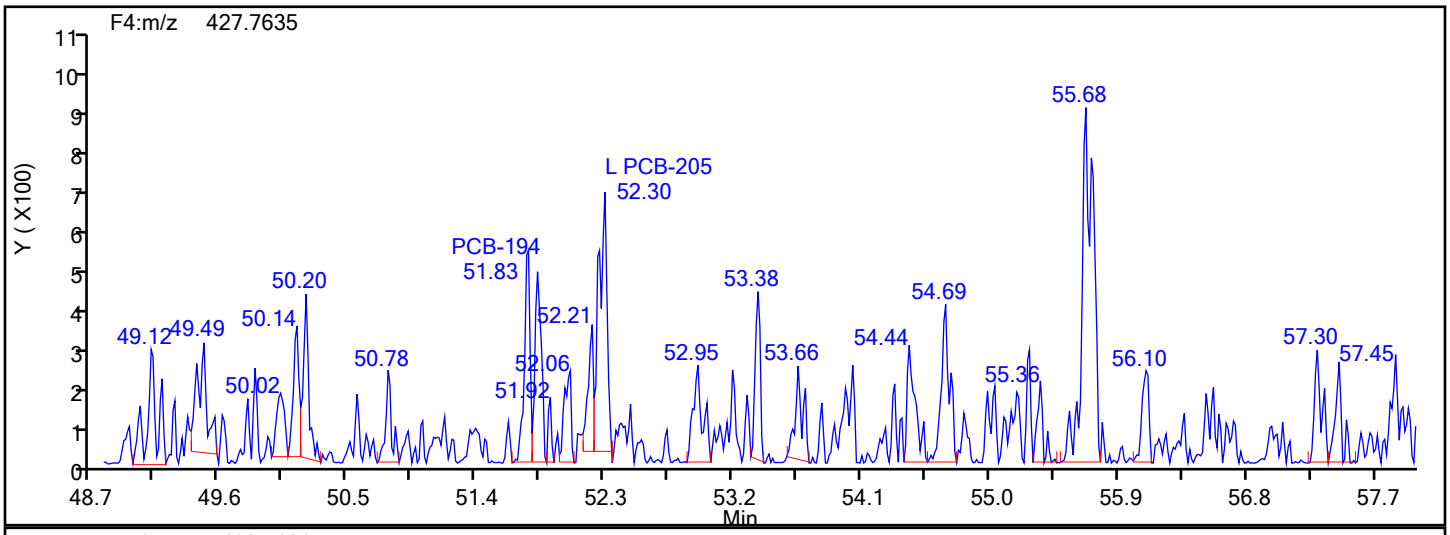


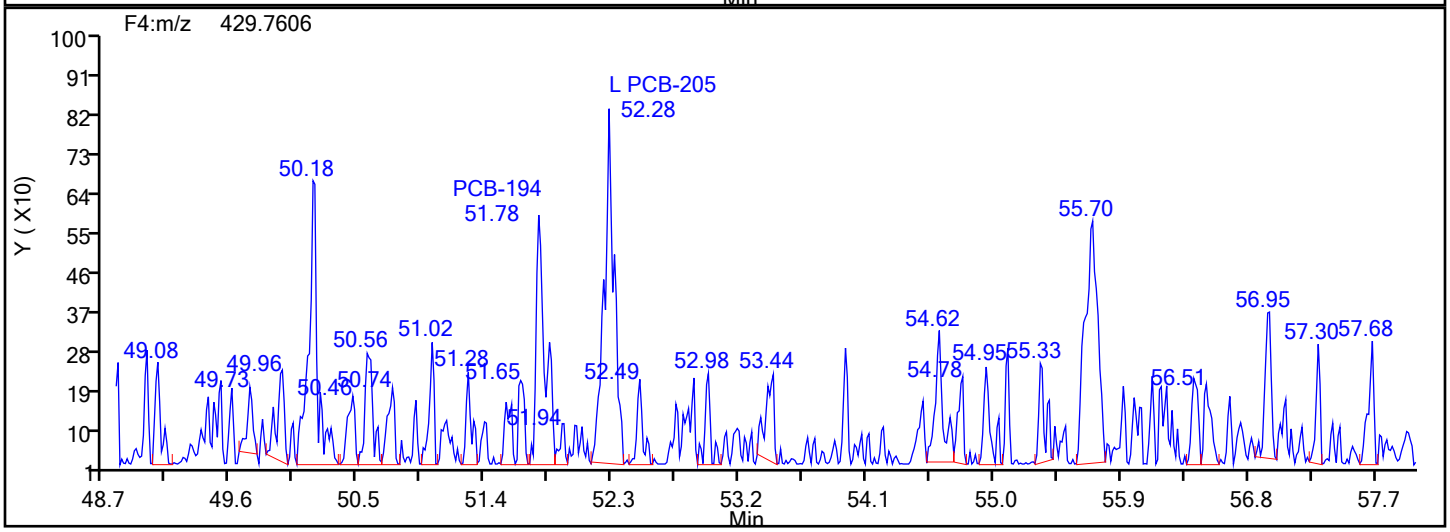
Report Date: 04-Jan-2024 20:01:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

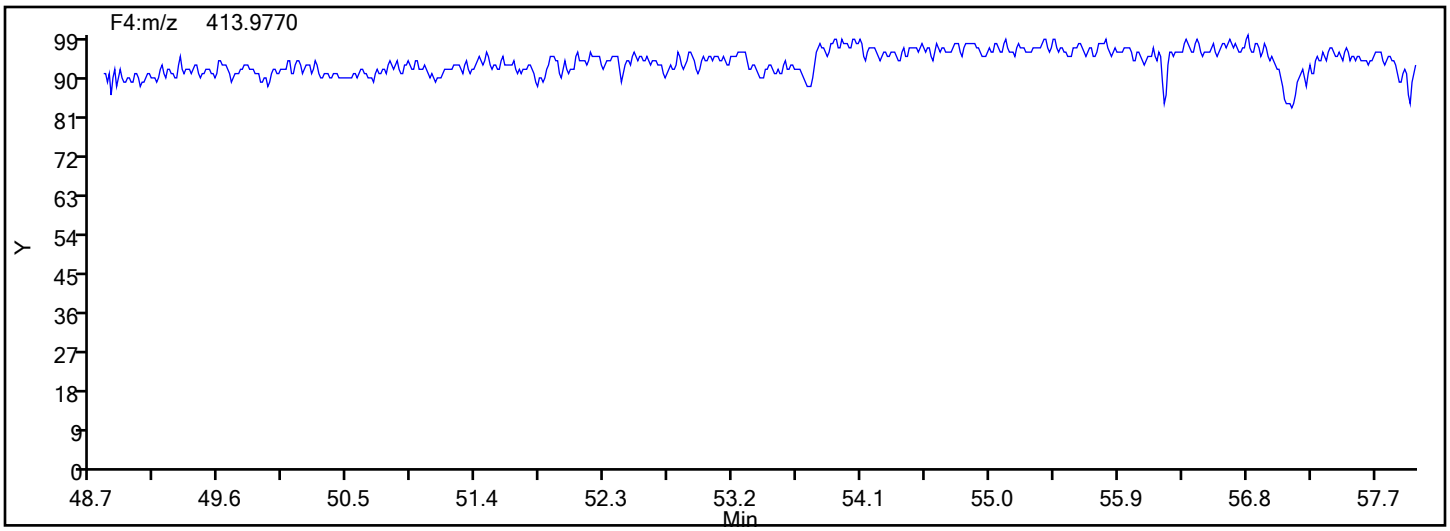
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-01-DUP
Worklist#: 82009 Sample Line#: 6
Column Type: Column Dia:

OcPCB F4





OcPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

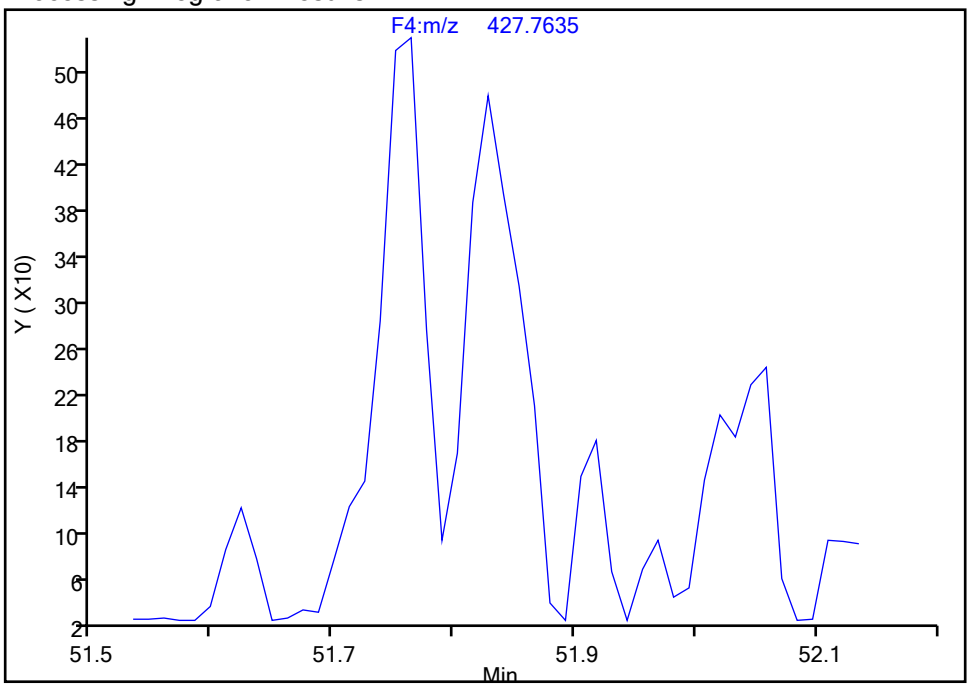
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-194, CAS: 35694-08-7

Signal: 1

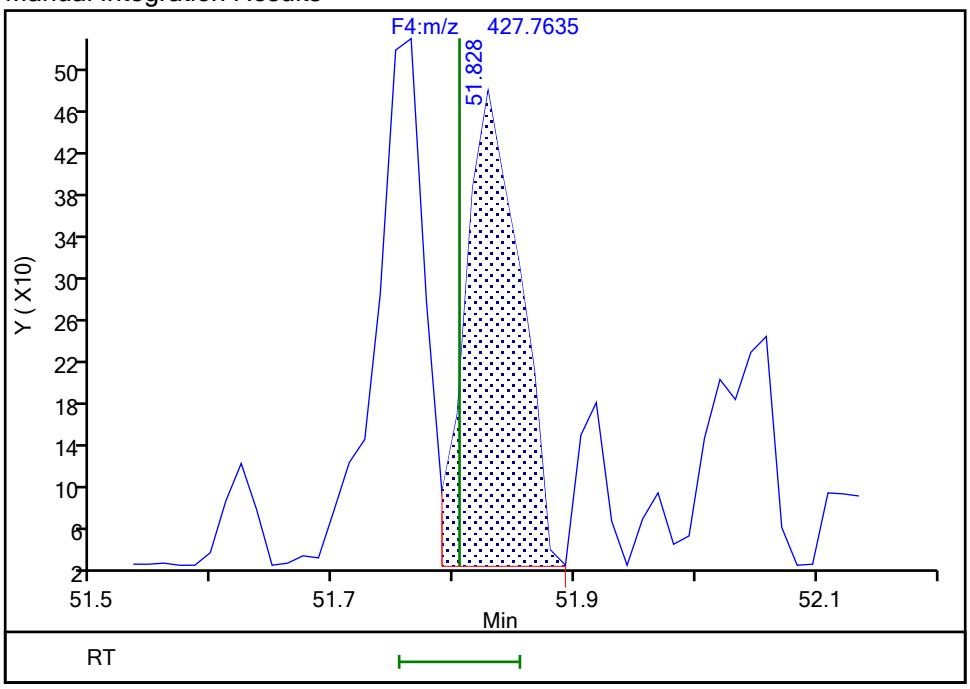
Not Detected
Expected RT: 51.80

Processing Integration Results



Manual Integration Results

RT: 51.83
Area: 1414
Amount: 0.102635
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:00:28 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

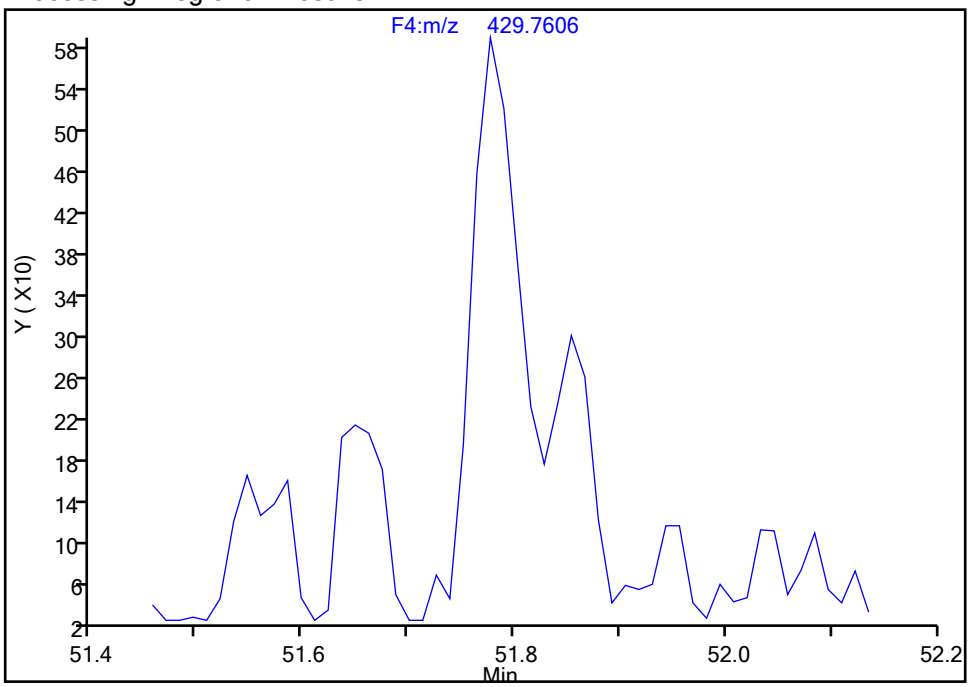
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Instrument ID: D2D
Lims ID: 140-34509-A-2-B Lab Sample ID: 140-34509-2
Client ID: PW-01-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F4(49.20 :57.50)

PCB-194, CAS: 35694-08-7

Signal: 2

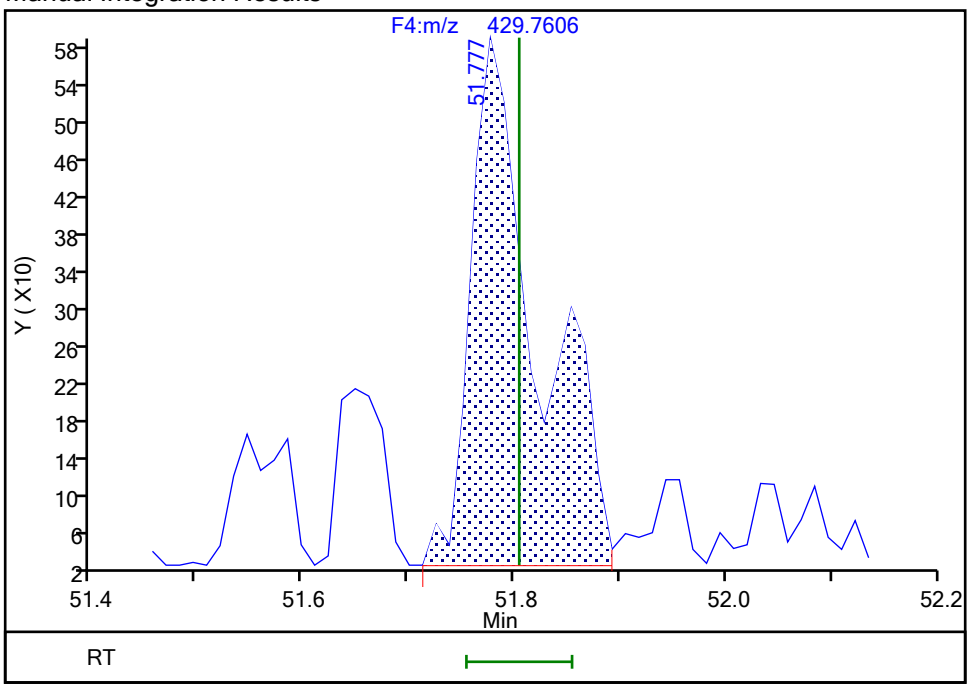
Not Detected
Expected RT: 51.80

Processing Integration Results



Manual Integration Results

RT: 51.78
Area: 2513
Amount: 0.102635
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:00:29 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

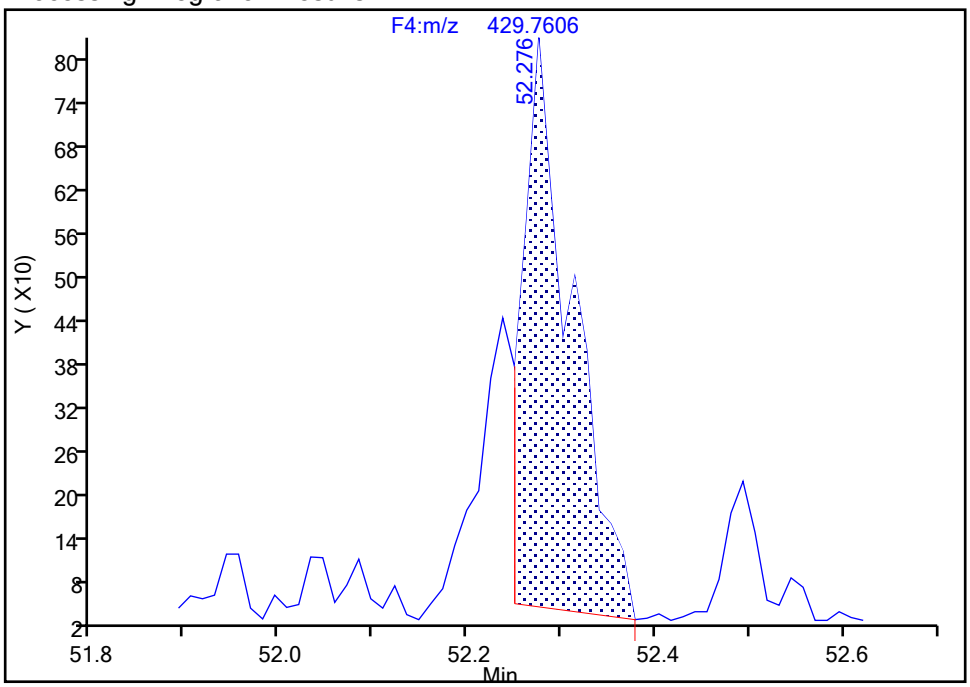
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 2

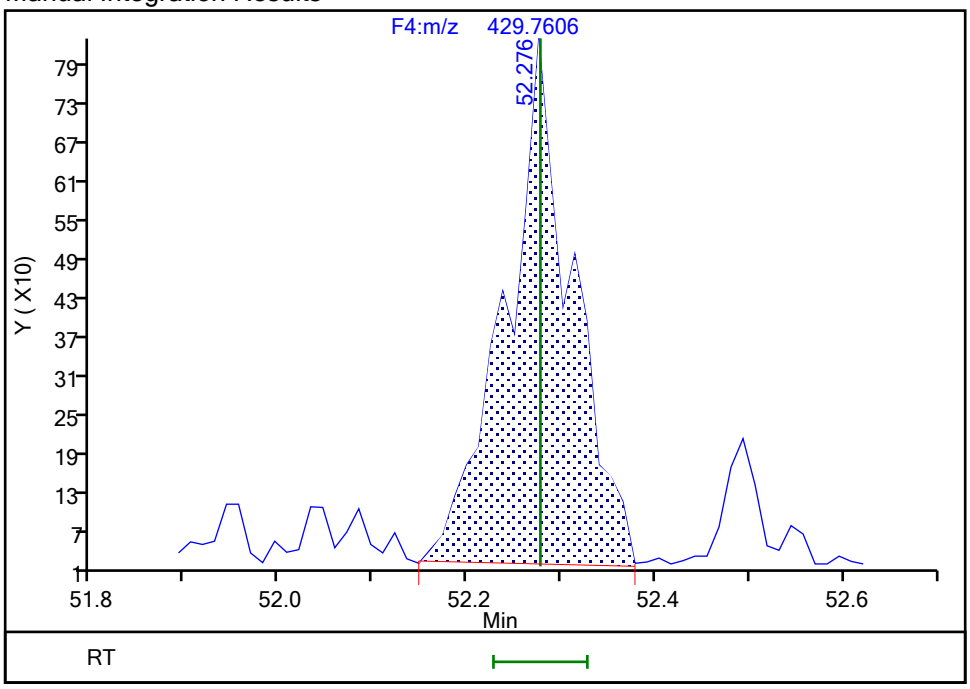
Processing Integration Results

RT: 52.28
Area: 2790
Amount: 0.128285
Amount Units: pg/ul



Manual Integration Results

RT: 52.28
Area: 3971
Amount: 0.137689
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:00:44 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

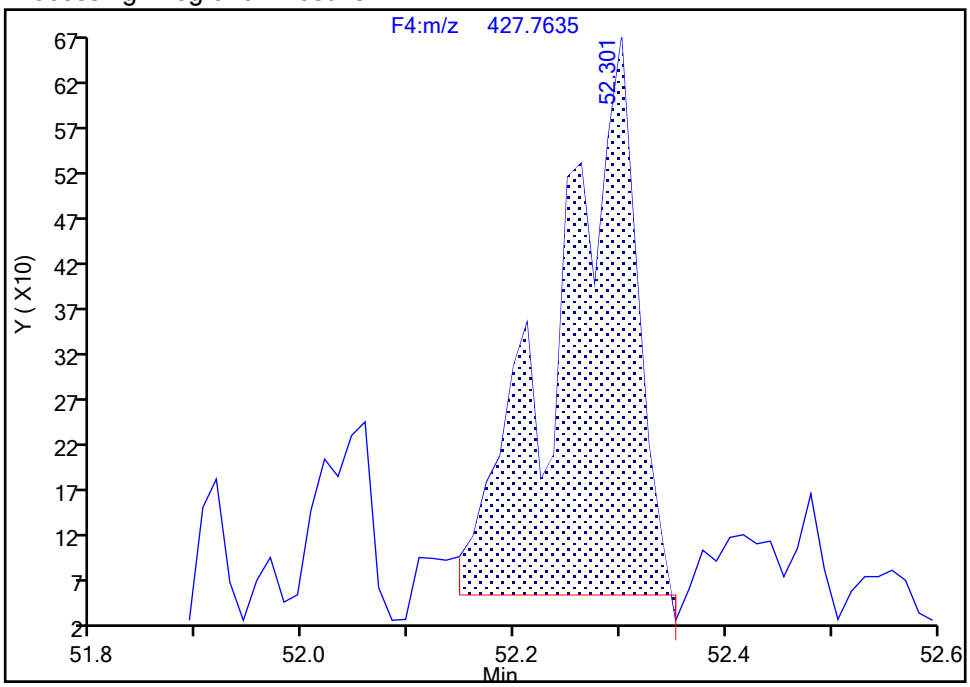
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d
Injection Date: 04-Jan-2024 14:01:00 Instrument ID: D2D
Lims ID: 140-34509-A-2-B Lab Sample ID: 140-34509-2
Client ID: PW-01-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F4(49.20 :57.50)

PCB-205, CAS: 74472-53-0

Signal: 1

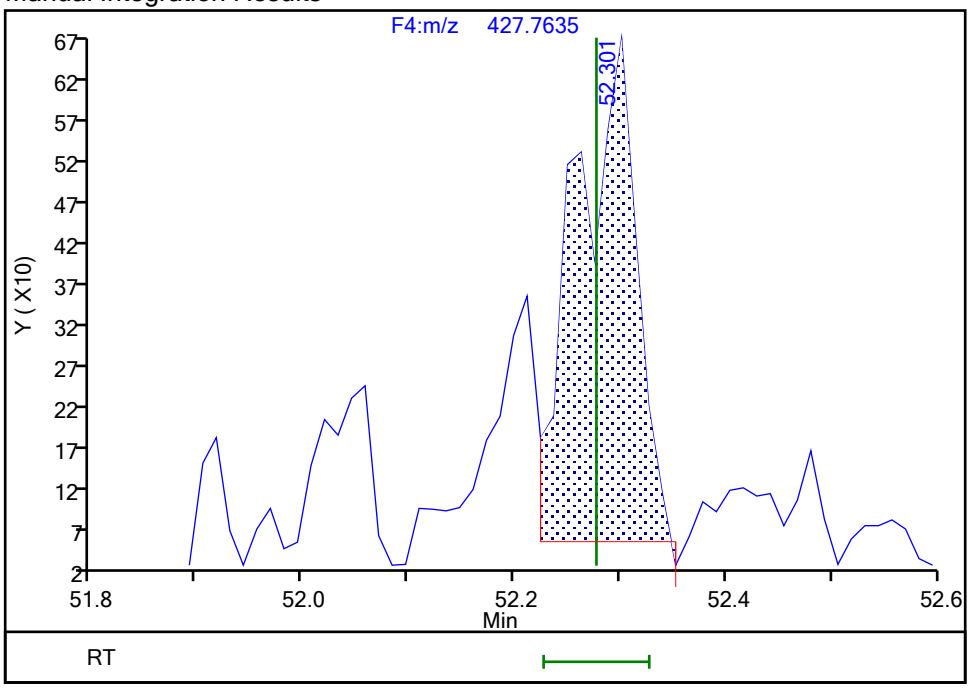
Processing Integration Results

RT: 52.30
Area: 3185
Amount: 0.128285
Amount Units: pg/ul



Manual Integration Results

RT: 52.30
Area: 2442
Amount: 0.137689
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:00:51 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

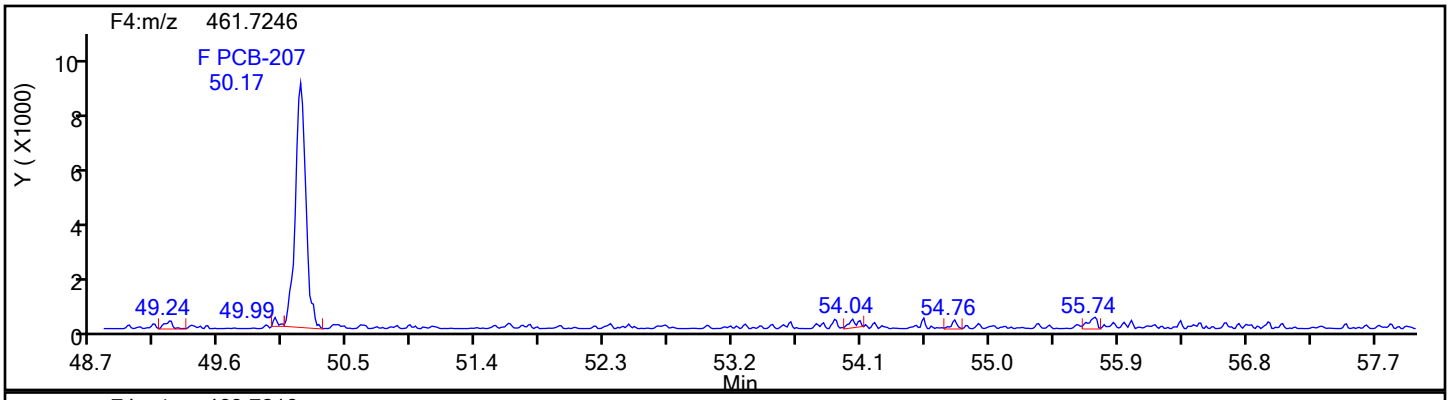
Report Date: 04-Jan-2024 20:01:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34

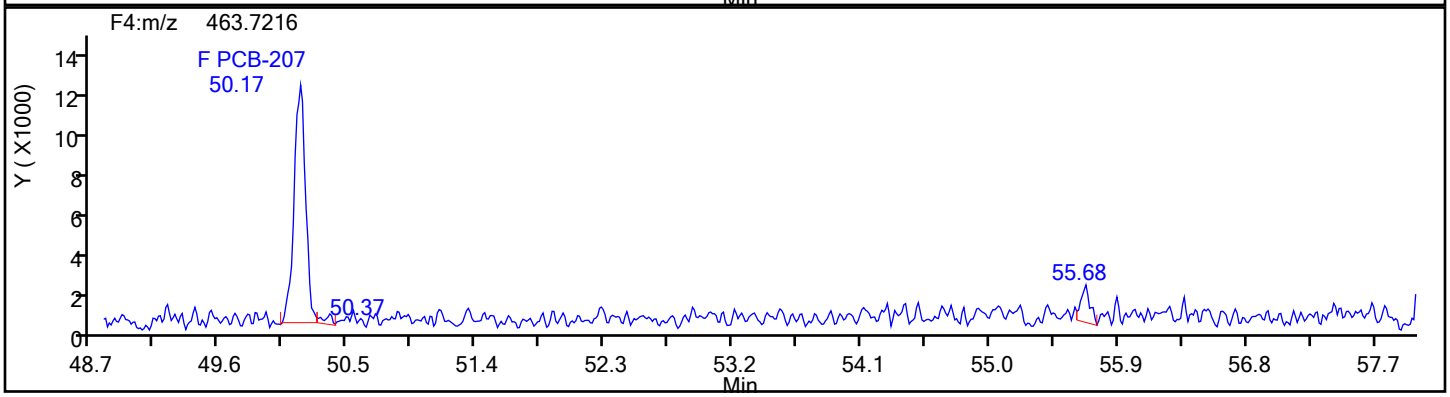
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

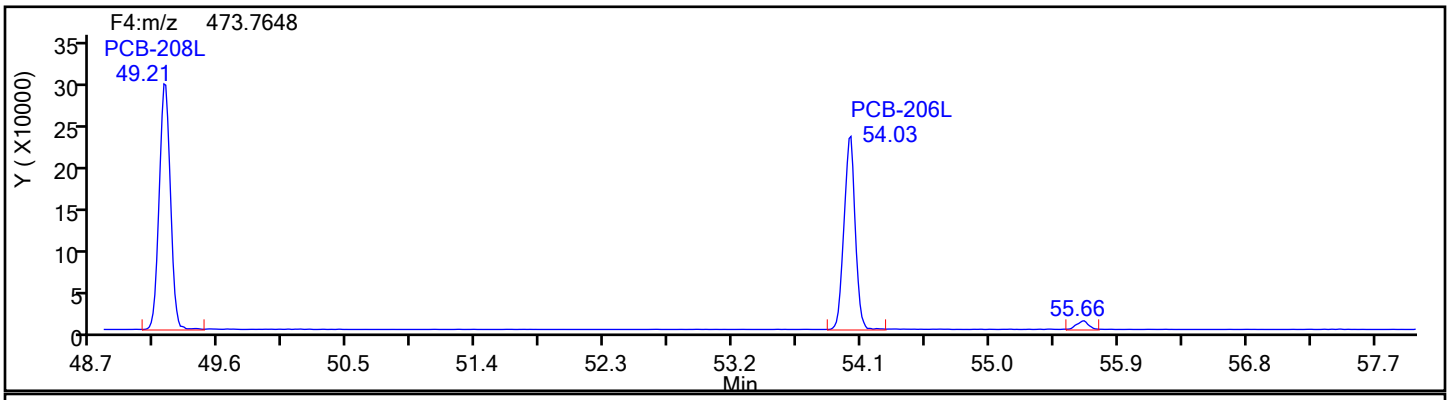
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

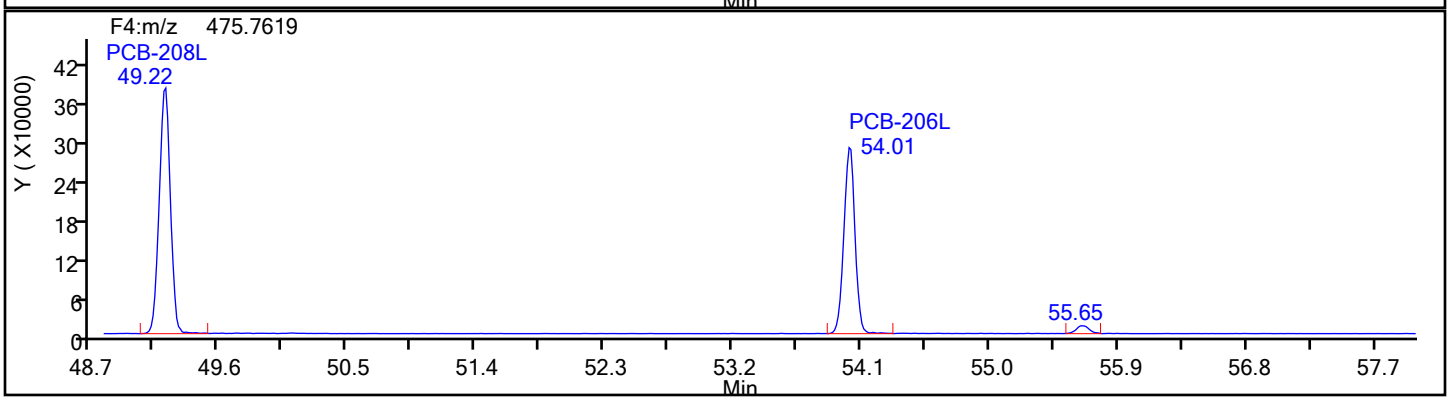
NoPCB F4





NoPCB F4 Standards



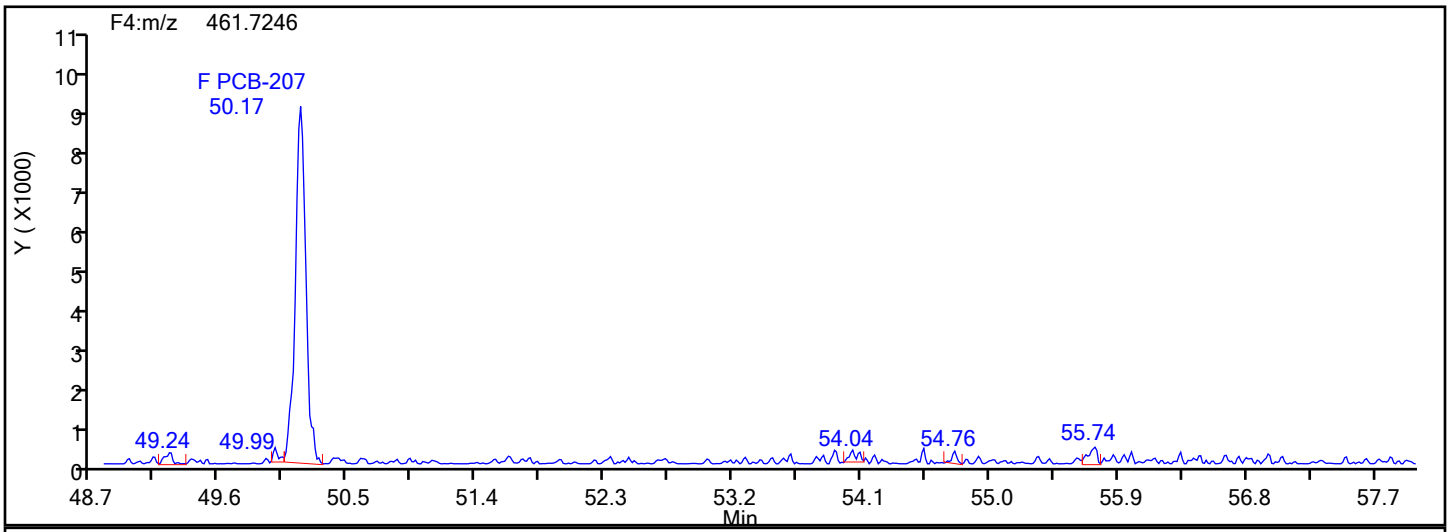


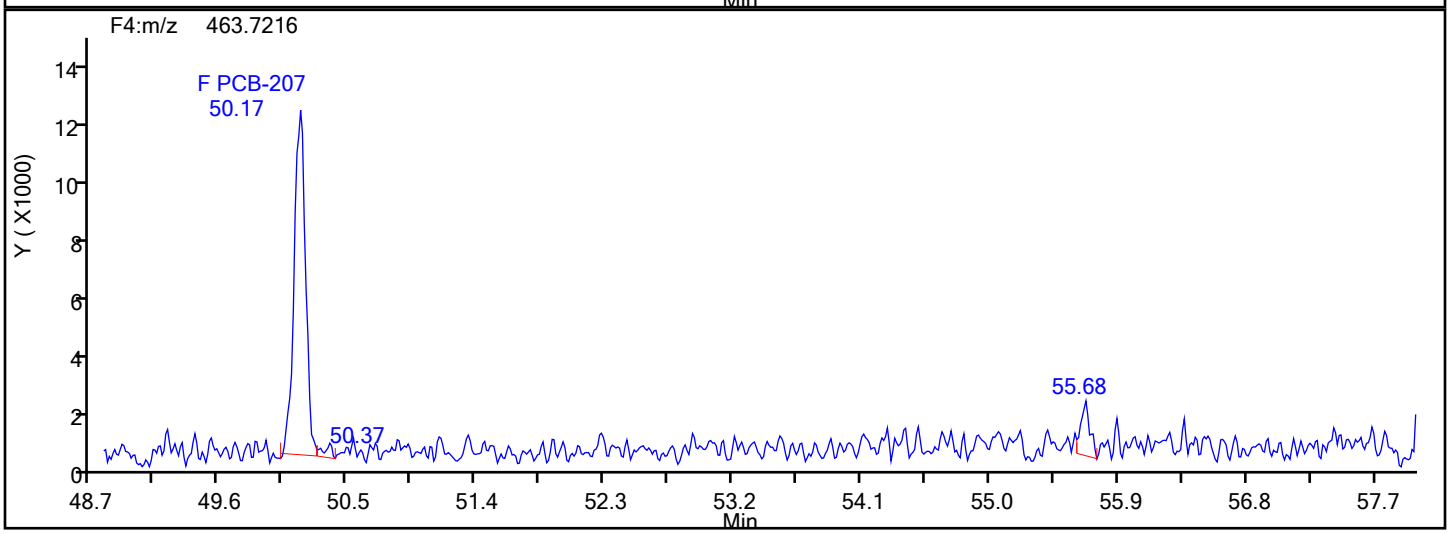
Report Date: 04-Jan-2024 20:01:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

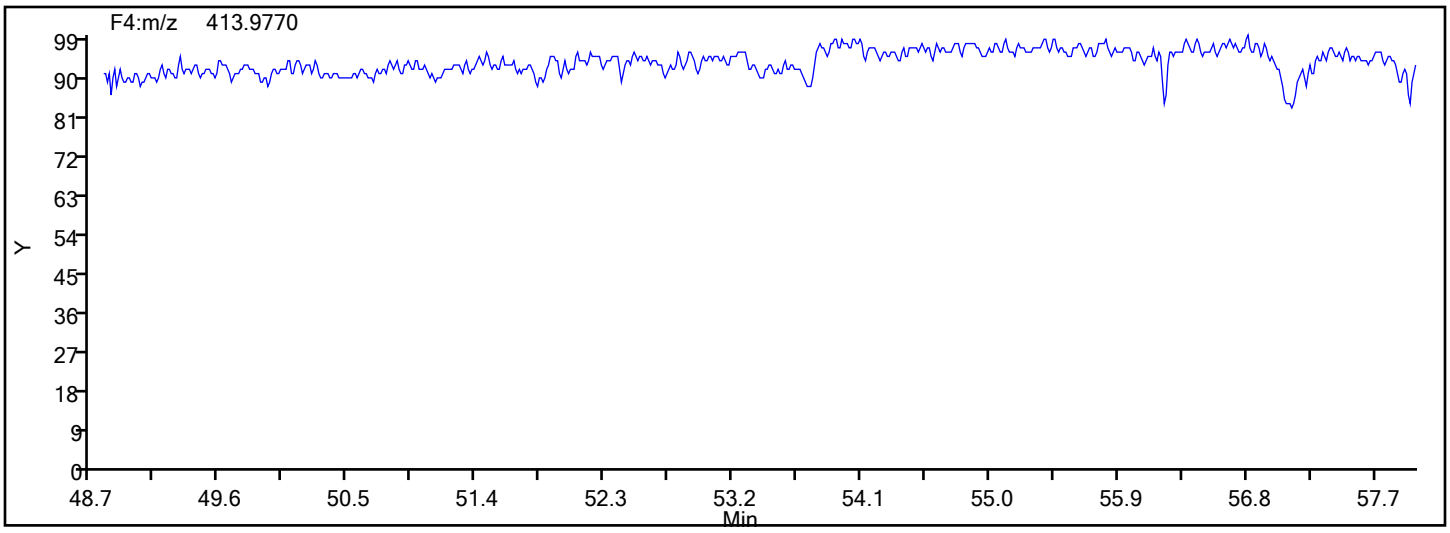
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d		
Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

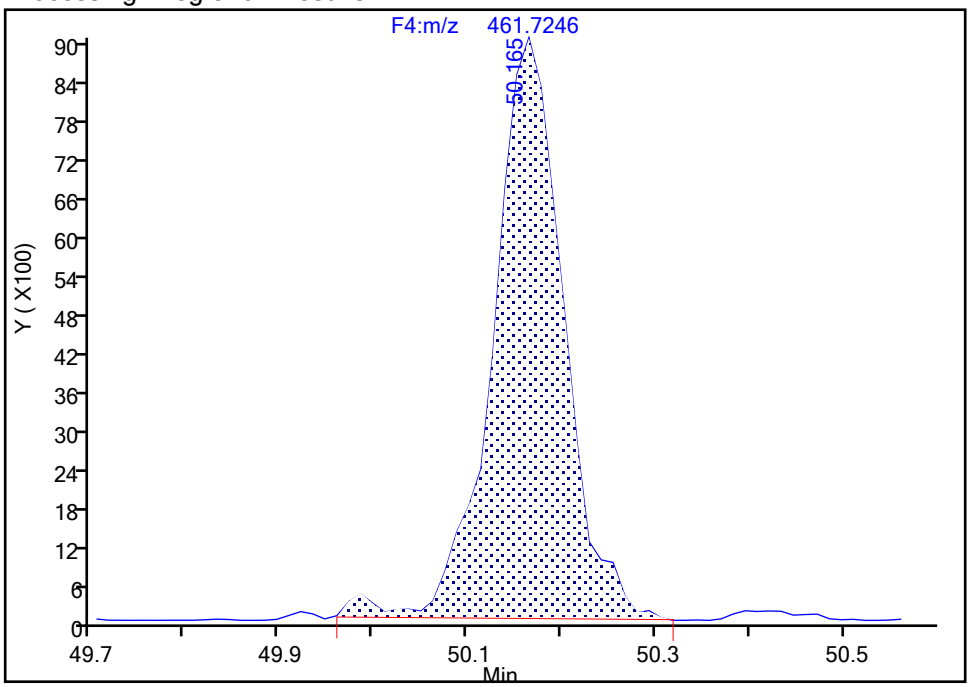
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-207, CAS: 52663-79-3

Signal: 1

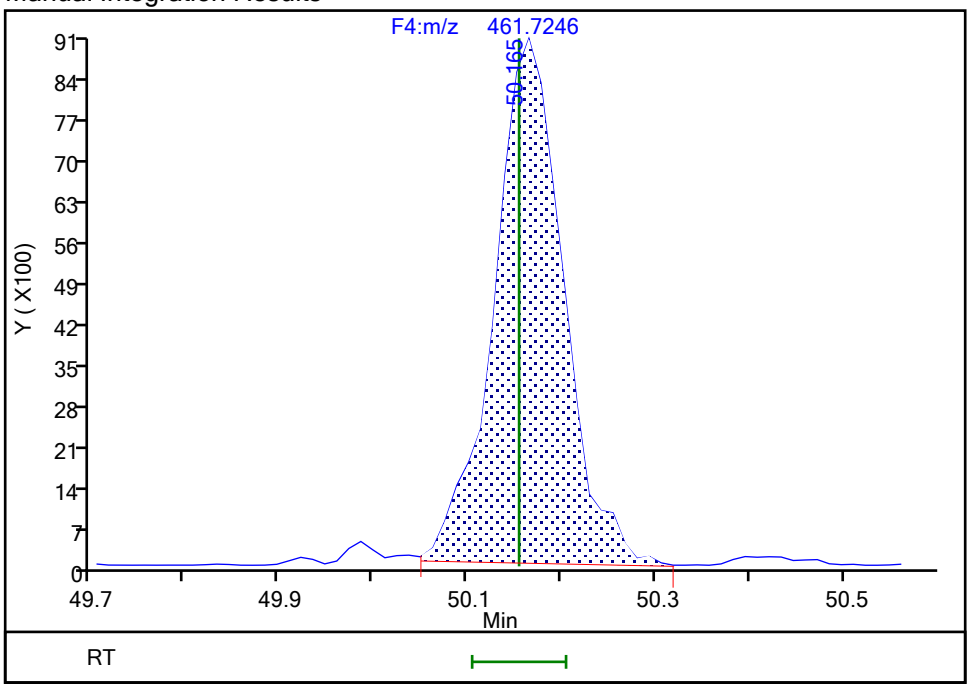
Processing Integration Results

RT: 50.17
Area: 46953
Amount: 2.837261
Amount Units: pg/ul



Manual Integration Results

RT: 50.17
Area: 46122
Amount: 2.768461
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:01:02 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

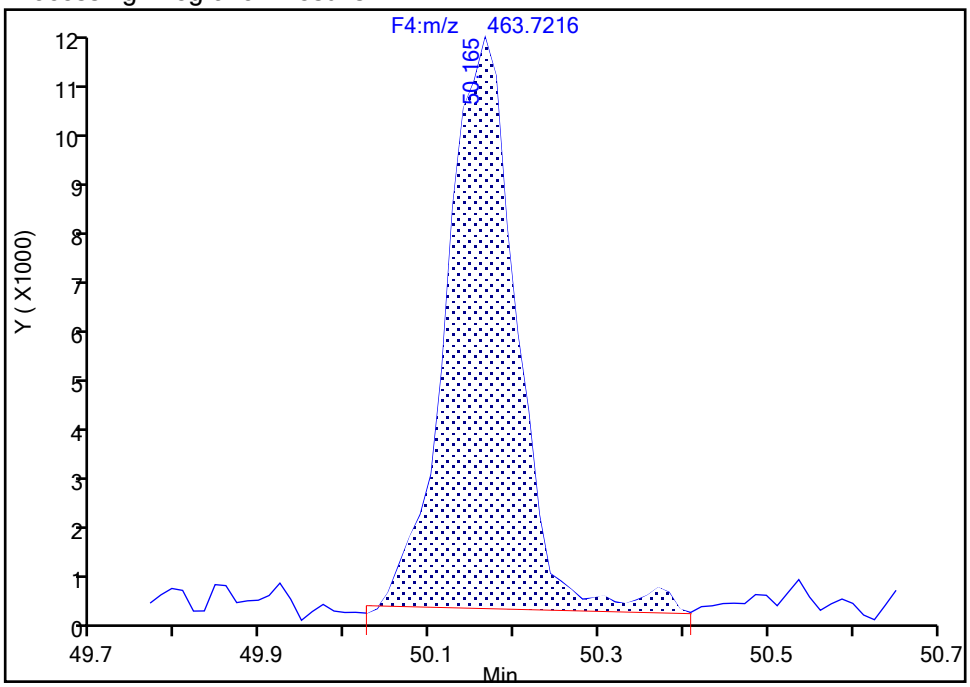
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d				
Injection Date:	04-Jan-2024 14:01:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-2-B	Lab Sample ID:	140-34509-2		
Client ID:	PW-01-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-207, CAS: 52663-79-3

Signal: 2

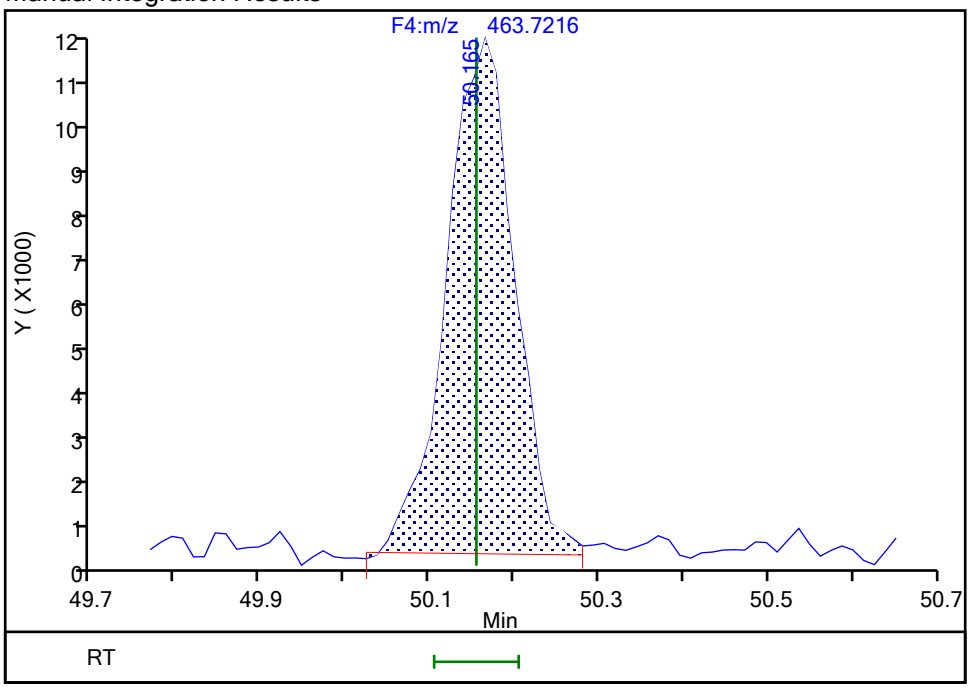
Processing Integration Results

RT: 50.17
Area: 66083
Amount: 2.837261
Amount Units: pg/ul



Manual Integration Results

RT: 50.17
Area: 64173
Amount: 2.768461
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:01:04 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

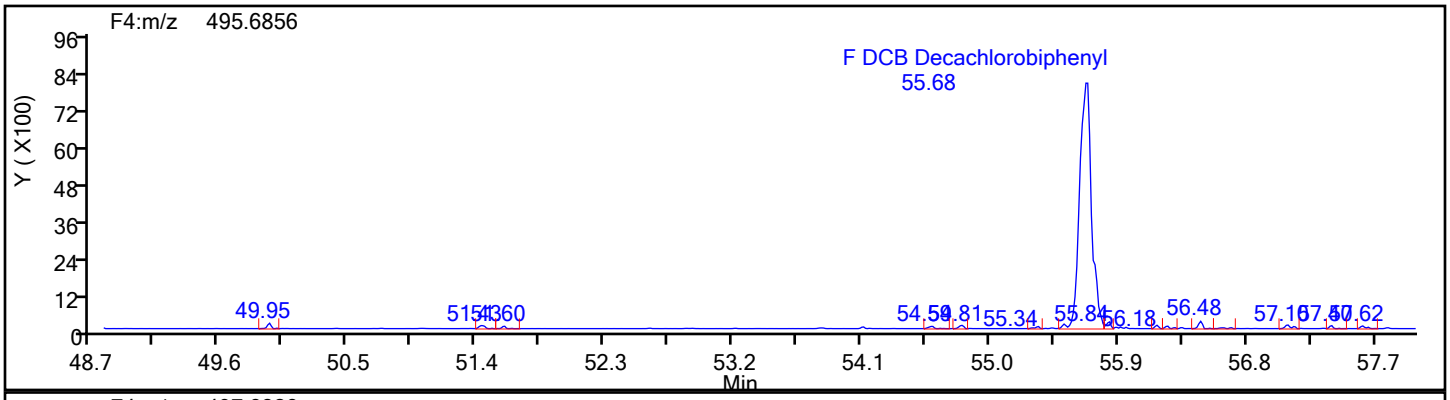
Report Date: 04-Jan-2024 20:01:37 Chrom Revision: 2.3 15-Nov-2023 20:54:34

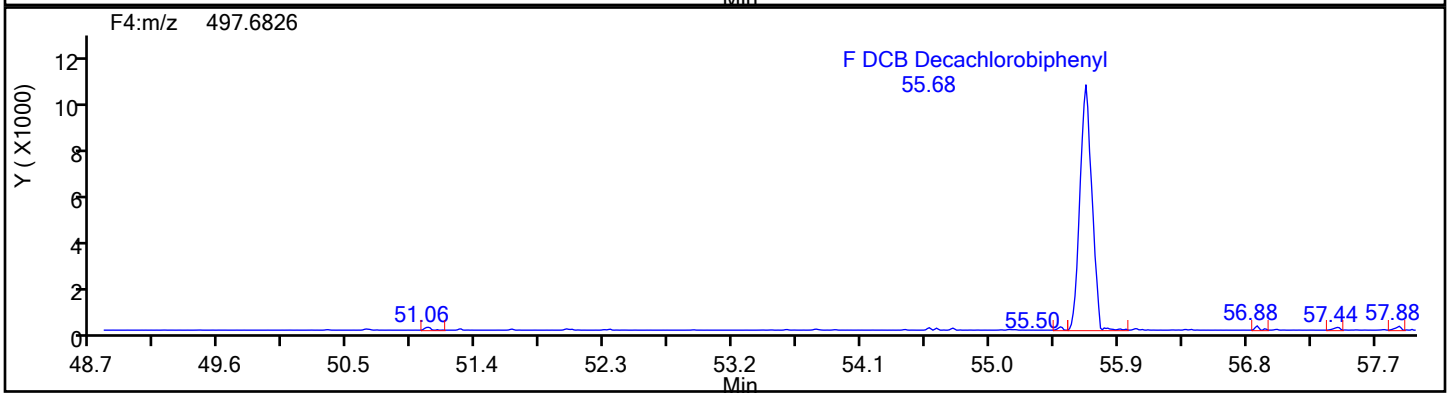
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

DePCB F4





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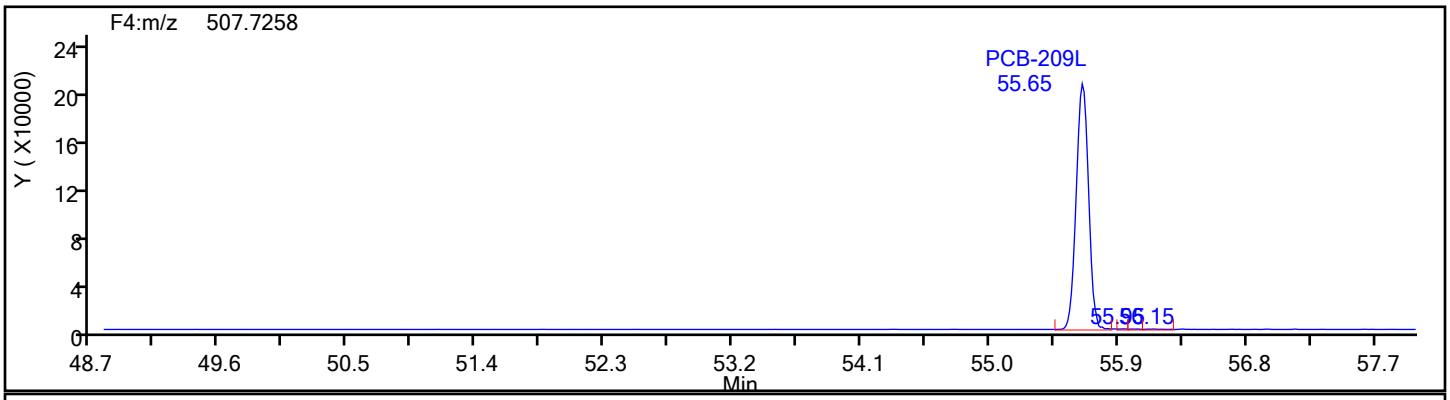

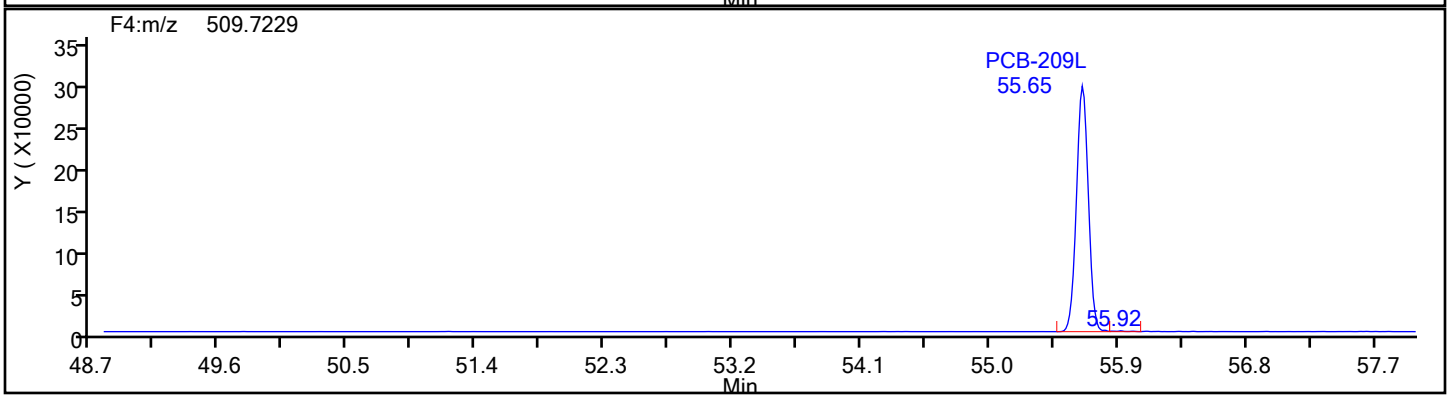

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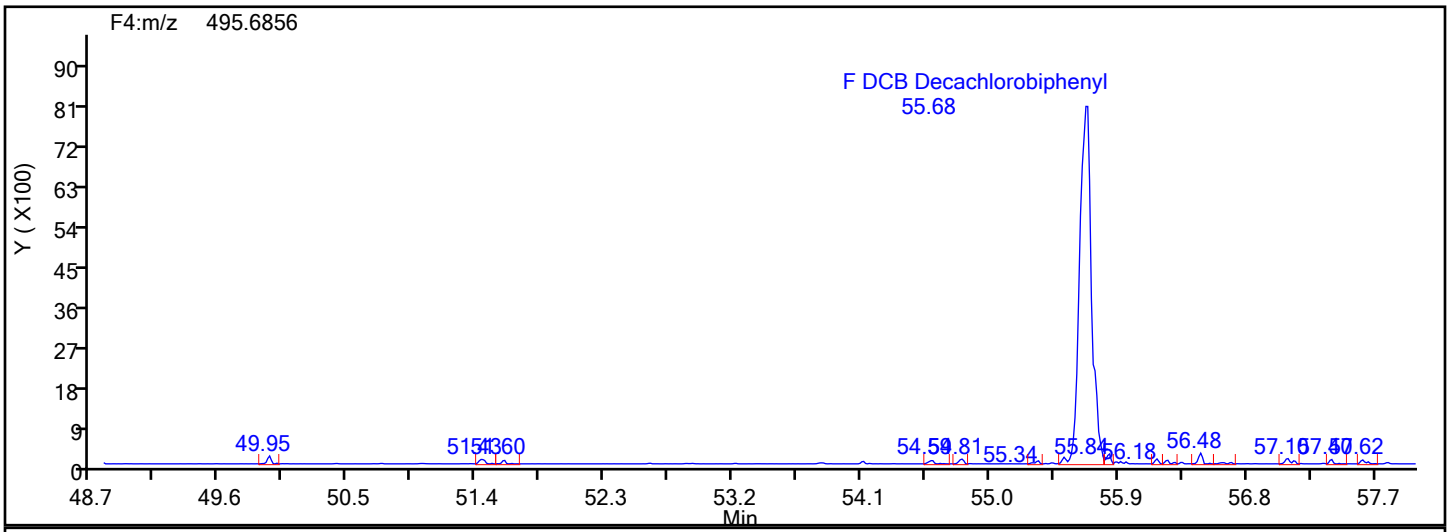
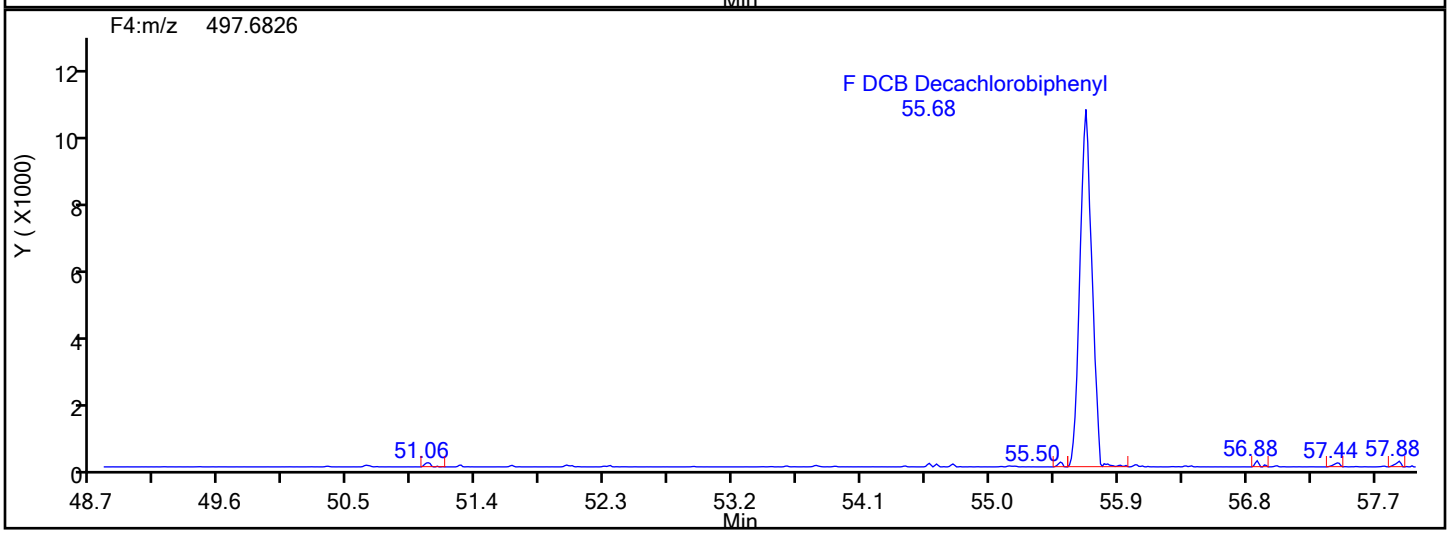
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-2-b.d

Injection Date:	04-Jan-2024 14:01:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-01-DUP		
Worklist#:	82009	Sample Line#:	6
Column Type:		Column Dia:	

DePCB F4





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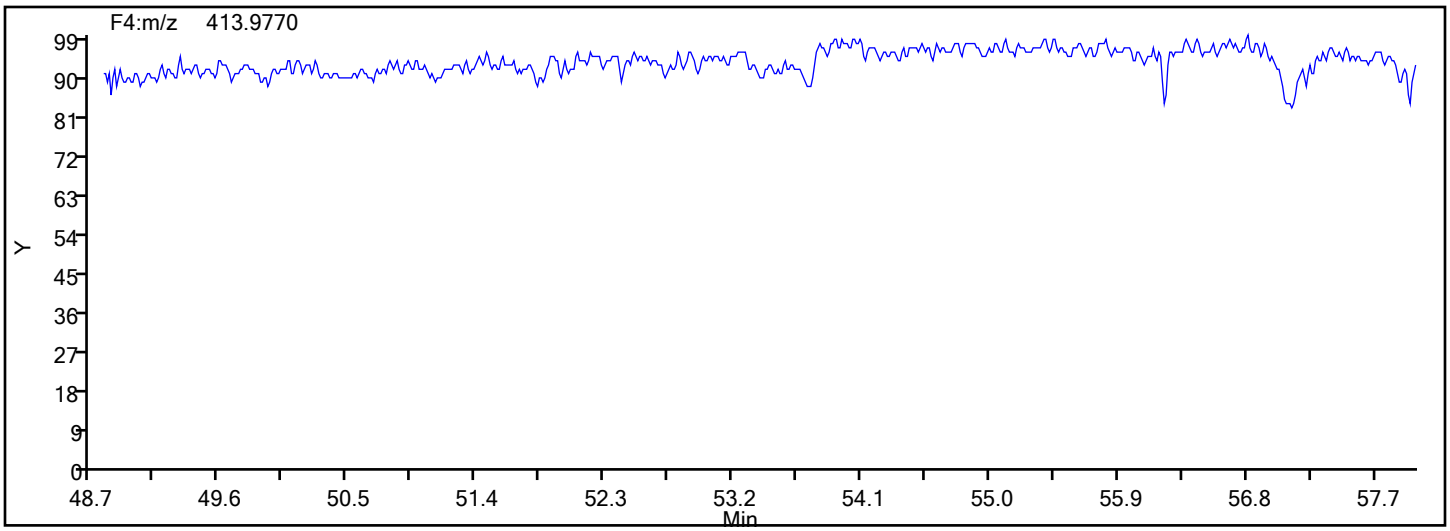


FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02 | Lab Sample ID: 140-34509-3

Matrix: PE | Lab File ID: 140-34509-a-3-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	ND		2.0	0.031
2051-61-8	PCB-2	ND		2.0	0.036
2051-62-9	PCB-3	ND		2.0	0.045
13029-08-8	PCB-4	ND		4.1	0.13
16605-91-7	PCB-5	ND		2.0	0.12
25569-80-6	PCB-6	ND		2.0	0.10
33284-50-3	PCB-7	ND		2.0	0.12
34883-43-7	PCB-8	ND		4.1	0.099
34883-39-1	PCB-9	ND		2.0	0.11
33146-45-1	PCB-10	ND		2.0	0.13
2050-67-1	PCB-11	1.3	J B	4.1	0.10
2974-92-7	PCB-12	ND	C	4.1	0.12
2974-90-5	PCB-13	ND	C12	4.1	0.12
34883-41-5	PCB-14	600		2.0	0.12
2050-68-2	PCB-15	0.75	J	2.0	0.12
38444-78-9	PCB-16	0.62	J q	2.0	0.14
37680-66-3	PCB-17	1.9	J	2.0	0.14
37680-65-2	PCB-18	1.5	J C	4.1	0.094
38444-73-4	PCB-19	1.5	J	2.0	0.13
38444-84-7	PCB-20	3.1	J C	4.1	0.50
55702-46-0	PCB-21	1.3	J C B	4.1	0.49
38444-85-8	PCB-22	0.77	J	2.0	0.46
55720-44-0	PCB-23	ND		2.0	0.54
55702-45-9	PCB-24	ND		2.0	0.095
55712-37-3	PCB-25	0.46	J	2.0	0.43
38444-81-4	PCB-26	0.85	J C	4.1	0.55
38444-76-7	PCB-27	0.61	J	2.0	0.099
7012-37-5	PCB-28	3.1	J C20	4.1	0.50
15862-07-4	PCB-29	0.85	J C26	4.1	0.55
35693-92-6	PCB-30	1.5	J C18	4.1	0.094
16606-02-3	PCB-31	2.5	J B	4.1	0.45
38444-77-8	PCB-32	0.99	J B	2.0	0.086

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02 | Lab Sample ID: 140-34509-3

Matrix: PE | Lab File ID: 140-34509-a-3-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	1.3	J C21 B	4.1	0.49
37680-68-5	PCB-34	ND		2.0	0.55
37680-69-6	PCB-35	ND		2.0	0.49
38444-87-0	PCB-36	290		2.0	0.43
38444-90-5	PCB-37	ND		2.0	0.48
53555-66-1	PCB-38	ND		2.0	0.47
38444-88-1	PCB-39	0.77	J q	2.0	0.48
38444-93-8	PCB-40	2.3	J C	6.1	0.048
52663-59-9	PCB-41	2.3	J C40	6.1	0.048
36559-22-5	PCB-42	1.3	J q	2.0	0.053
70362-46-8	PCB-43	1.8	J C	4.1	0.041
41464-39-5	PCB-44	33	C	6.1	0.043
70362-45-7	PCB-45	2.5	J C	4.1	0.052
41464-47-5	PCB-46	0.29	J q	2.0	0.062
2437-79-8	PCB-47	33	C44	6.1	0.043
70362-47-9	PCB-48	0.75	J	2.0	0.049
41464-40-8	PCB-49	4.2	C	4.1	0.041
62796-65-0	PCB-50	1.7	J C	4.1	0.047
68194-04-7	PCB-51	2.5	J C45	4.1	0.052
35693-99-3	PCB-52	5.6	B	2.0	0.043
41464-41-9	PCB-53	1.7	J C50	4.1	0.047
15968-05-5	PCB-54	0.35	J	2.0	0.026
74338-24-2	PCB-55	ND		2.0	0.029
41464-43-1	PCB-56	0.47	J	2.0	0.030
70424-67-8	PCB-57	ND		2.0	0.033
41464-49-7	PCB-58	ND		2.0	0.028
74472-33-6	PCB-59	0.56	J C	6.1	0.036
33025-41-1	PCB-60	0.51	J q	2.0	0.035
33284-53-6	PCB-61	3.2	J C B	8.2	0.032
54230-22-7	PCB-62	0.56	J C59	6.1	0.036
74472-34-7	PCB-63	ND		2.0	0.034
52663-58-8	PCB-64	1.7	J	2.0	0.035

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02 | Lab Sample ID: 140-34509-3

Matrix: PE | Lab File ID: 140-34509-a-3-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	33	C44	6.1	0.043
32598-10-0	PCB-66	1.6	J B	2.0	0.030
73575-53-8	PCB-67	ND		2.0	0.027
73575-52-7	PCB-68	4.6		2.0	0.032
60233-24-1	PCB-69	4.2	C49	4.1	0.041
32598-11-1	PCB-70	3.2	J C61 B	8.2	0.032
41464-46-4	PCB-71	2.3	J C40	6.1	0.048
41464-42-0	PCB-72	ND		2.0	0.031
74338-23-1	PCB-73	1.8	J C43	4.1	0.041
32690-93-0	PCB-74	3.2	J C61 B	8.2	0.032
32598-12-2	PCB-75	0.56	J C59	6.1	0.036
70362-48-0	PCB-76	3.2	J C61 B	8.2	0.032
32598-13-3	PCB-77	ND		2.0	0.035
70362-49-1	PCB-78	720		2.0	0.030
41464-48-6	PCB-79	ND		2.0	0.025
33284-52-5	PCB-80	ND		2.0	0.029
70362-50-4	PCB-81	1.2	J	2.0	0.036
52663-62-4	PCB-82	ND		2.0	0.14
60145-20-2	PCB-83	5.2	C	4.1	0.14
52663-60-2	PCB-84	2.1		2.0	0.18
65510-45-4	PCB-85	1.6	J C B	6.1	0.12
55312-69-1	PCB-86	4.9	J q C	12	0.12
38380-02-8	PCB-87	4.9	J q C86	12	0.12
55215-17-3	PCB-88	1.5	J C	4.1	0.15
73575-57-2	PCB-89	ND		2.0	0.14
68194-07-0	PCB-90	9.6	C B	6.1	0.13
68194-05-8	PCB-91	1.5	J C88	4.1	0.15
52663-61-3	PCB-92	3.2		2.0	0.16
73575-56-1	PCB-93	2.6	J C	4.1	0.16
73575-55-0	PCB-94	ND		2.0	0.17

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02 | Lab Sample ID: 140-34509-3

Matrix: PE | Lab File ID: 140-34509-a-3-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38379-99-6	PCB-95	6.9		2.0	0.15
73575-54-9	PCB-96	ND		2.0	0.11
41464-51-1	PCB-97	4.9	J q C86	12	0.12
60233-25-2	PCB-98	ND	C	4.1	0.13
38380-01-7	PCB-99	5.2	C83	4.1	0.14
39485-83-1	PCB-100	2.6	J C93	4.1	0.16
37680-73-2	PCB-101	9.6	C90 B	6.1	0.13
68194-06-9	PCB-102	ND	C98	4.1	0.13
60145-21-3	PCB-103	ND		2.0	0.15
56558-16-8	PCB-104	1600		2.0	0.12
32598-14-4	PCB-105	1.4	J	2.0	0.13
70424-69-0	PCB-106	15		2.0	0.12
70424-68-9	PCB-107	0.43	J	2.0	0.12
70362-41-3	PCB-108	0.17	J q C	4.1	0.13
74472-35-8	PCB-109	4.9	J q C86	12	0.12
38380-03-9	PCB-110	7.6	C B	4.1	0.090
39635-32-0	PCB-111	ND		2.0	0.10
74472-36-9	PCB-112	ND		2.0	0.086
68194-10-5	PCB-113	9.6	C90 B	6.1	0.13
74472-37-0	PCB-114	ND		2.0	0.12
74472-38-1	PCB-115	7.6	C110 B	4.1	0.090
18259-05-7	PCB-116	1.6	J C85 B	6.1	0.12
68194-11-6	PCB-117	1.6	J C85 B	6.1	0.12
31508-00-6	PCB-118	5.2		2.0	0.13
56558-17-9	PCB-119	4.9	J q C86	12	0.12
68194-12-7	PCB-120	ND		2.0	0.080
56558-18-0	PCB-121	490		2.0	0.095
76842-07-4	PCB-122	ND		2.0	0.15
65510-44-3	PCB-123	ND		2.0	0.13

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02 | Lab Sample ID: 140-34509-3

Matrix: PE | Lab File ID: 140-34509-a-3-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
70424-70-3	PCB-124	0.17	J q C108	4.1	0.13
74472-39-2	PCB-125	4.9	J q C86	12	0.12
57465-28-8	PCB-126	ND		2.0	0.12
39635-33-1	PCB-127	ND		2.0	0.12
38380-07-3	PCB-128	1.5	J C	4.1	0.17
55215-18-4	PCB-129	8.1	J C	8.2	0.18
52663-66-8	PCB-130	ND		2.0	0.25
61798-70-7	PCB-131	ND		2.0	0.23
38380-05-1	PCB-132	4.4	q	2.0	0.23
35694-04-3	PCB-133	ND		2.0	0.21
52704-70-8	PCB-134	0.49	J q C	4.1	0.23
52744-13-5	PCB-135	2.2	J q C	4.1	0.084
38411-22-2	PCB-136	1.3	J q	2.0	0.065
35694-06-5	PCB-137	ND		2.0	0.21
35065-28-2	PCB-138	8.1	J C129	8.2	0.18
56030-56-9	PCB-139	ND	C	4.1	0.19
59291-64-4	PCB-140	ND	C139	4.1	0.19
52712-04-6	PCB-141	1.2	J	2.0	0.21
41411-61-4	PCB-142	410		2.0	0.24
68194-15-0	PCB-143	0.49	J q C134	4.1	0.23
68194-14-9	PCB-144	ND		2.0	0.084
74472-40-5	PCB-145	ND		2.0	0.058
51908-16-8	PCB-146	0.73	J q	2.0	0.17
68194-13-8	PCB-147	5.8	C	4.1	0.19
74472-41-6	PCB-148	ND		2.0	0.084
38380-04-0	PCB-149	5.8	C147	4.1	0.19
68194-08-1	PCB-150	0.48	J q	2.0	0.062
52663-63-5	PCB-151	2.2	J q C135	4.1	0.084
68194-09-2	PCB-152	1.4	J	2.0	0.055

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02 | Lab Sample ID: 140-34509-3

Matrix: PE | Lab File ID: 140-34509-a-3-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
35065-27-1	PCB-153	5.3	C	4.1	0.15
60145-22-4	PCB-154	1.3	J	2.0	0.076
33979-03-2	PCB-155	550		2.0	0.067
38380-08-4	PCB-156	0.88	J C	4.1	0.18
69782-90-7	PCB-157	0.88	J C156	4.1	0.18
74472-42-7	PCB-158	0.71	J	2.0	0.14
39635-35-3	PCB-159	1.8	J	2.0	0.12
41411-62-5	PCB-160	8.1	J C129	8.2	0.18
74472-43-8	PCB-161	15		2.0	0.14
39635-34-2	PCB-162	ND		2.0	0.15
74472-44-9	PCB-163	8.1	J C129	8.2	0.18
74472-45-0	PCB-164	0.46	J q	2.0	0.14
74472-46-1	PCB-165	2.8		2.0	0.17
41411-63-6	PCB-166	1.5	J C128	4.1	0.17
52663-72-6	PCB-167	ND		2.0	0.12
59291-65-5	PCB-168	5.3	C153	4.1	0.15
32774-16-6	PCB-169	ND		2.0	0.12
35065-30-6	PCB-170	ND		2.0	0.10
52663-71-5	PCB-171	ND	C	4.1	0.087
52663-74-8	PCB-172	ND		2.0	0.084
68194-16-1	PCB-173	ND	C171	4.1	0.087
38411-25-5	PCB-174	ND		2.0	0.078
40186-70-7	PCB-175	ND		2.0	0.087
52663-65-7	PCB-176	ND		2.0	0.065
52663-70-4	PCB-177	ND		2.0	0.081
52663-67-9	PCB-178	ND		2.0	0.089
52663-64-6	PCB-179	ND		2.0	0.056
35065-29-3	PCB-180	4.0	J C	4.1	0.067
74472-47-2	PCB-181	ND		2.0	0.074
60145-23-5	PCB-182	ND		2.0	0.071

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02 | Lab Sample ID: 140-34509-3

Matrix: PE | Lab File ID: 140-34509-a-3-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
52663-69-1	PCB-183	ND	C	4.1	0.081
74472-48-3	PCB-184	860		2.0	0.060
52712-05-7	PCB-185	ND	C183	4.1	0.081
74472-49-4	PCB-186	ND		2.0	0.053
52663-68-0	PCB-187	ND		2.0	0.068
74487-85-7	PCB-188	ND		2.0	0.057
39635-31-9	PCB-189	ND		2.0	0.14
41411-64-7	PCB-190	ND		2.0	0.060
74472-50-7	PCB-191	ND		2.0	0.062
74472-51-8	PCB-192	2300	B	2.0	0.055
69782-91-8	PCB-193	4.0	J C180	4.1	0.067
35694-08-7	PCB-194	ND		2.0	0.060
52663-78-2	PCB-195	ND		2.0	0.067
42740-50-1	PCB-196	ND		2.0	0.080
33091-17-7	PCB-197	13		2.0	0.060
68194-17-2	PCB-198	ND	C	4.1	0.072
52663-75-9	PCB-199	ND	C198	4.1	0.072
52663-73-7	PCB-200	1.4	J	2.0	0.065
40186-71-8	PCB-201	ND		2.0	0.066
2136-99-4	PCB-202	ND		2.0	0.063
52663-76-0	PCB-203	ND		2.0	0.065
74472-52-9	PCB-204	1400		2.0	0.057
74472-53-0	PCB-205	0.33	J	2.0	0.049
40186-72-9	PCB-206	ND		2.0	0.20
52663-79-3	PCB-207	5.8		2.0	0.16
52663-77-1	PCB-208	ND		2.0	0.16
2051-24-3	PCB-209	7.2		2.0	0.049

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02 | Lab Sample ID: 140-34509-3

Matrix: PE | Lab File ID: 140-34509-a-3-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 15:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	103		30-140
208263-77-8	PCB-3L	89		30-140
234432-86-1	PCB-4L	97		30-140
208263-67-6	PCB-15L	93		30-140
234432-87-2	PCB-19L	98		30-140
208263-79-0	PCB-37L	93		30-140
234432-88-3	PCB-54L	102		30-140
105600-23-5	PCB-77L	98		30-140
208461-24-9	PCB-81L	99		30-140
234432-89-4	PCB-104L	103		30-140
208263-62-1	PCB-105L	102		30-140
208263-63-2	PCB-114L	103		30-140
104130-40-7	PCB-118L	105		30-140
208263-64-3	PCB-123L	105		30-140
208263-65-4	PCB-126L	101		30-140
234432-90-7	PCB-155L	106		30-140
208263-68-7	PCB-156L	96	C	30-140
235416-30-5	PCB-157L	96	C156	30-140
208263-69-8	PCB-167L	97		30-140
208263-70-1	PCB-169L	91		30-140
160901-80-4	PCB-170L	101		30-140
234432-91-8	PCB-188L	120		30-140
208263-73-4	PCB-189L	100		30-140
105600-26-8	PCB-202L	111		30-140
234446-64-1	PCB-205L	99		30-140
208263-75-6	PCB-206L	104		30-140
234432-92-9	PCB-208L	106		30-140
105600-27-9	PCB-209L	109		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d
Lims ID: 140-34509-A-3-B
Client ID: PW-02
Sample Type: Client
Inject. Date: 04-Jan-2024 15:02:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-007
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 22:55:27 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 22:55:27

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls							0.0222	0.0222		
D PCB-1L	11:40	6950434	3.18	1.3572	103.4	103.4	0.2523	0.2523	103	
D PCB-3L	13:50	6227507	3.25	1.4136	88.9	88.9	0.2423	0.2423	88.94	
PCB-1	11:43						0.0153	0.0153		
PCB-2	13:42						0.0176	0.0176		
PCB-3	13:52						0.0222	0.0222		
S Total Dichlorobiphenyls					296.4	296.4	0.0570	0.0570		
D PCB-4L	14:05	2967592	1.60	0.6168	97.1	97.1	0.0903	0.0903	97.14	
* PCB-9L	16:03	4952890	1.63	2E+05	100.0	100.0				
D PCB-15L	19:58	5140340	1.60	1.1198	92.7	92.7	0.0498	0.0498	92.68	
PCB-4	14:07						0.0649	0.0649		
PCB-10	14:17						0.0642	0.0642		
PCB-9	16:05						0.0543	0.0543		
PCB-7	16:15						0.0594	0.0594		
PCB-6	16:30						0.0496	0.0496		
PCB-5	16:48						0.0607	0.0607		
PCB-8	16:56						0.0488	0.0488		
PCB-14	18:32	15403767	1.60	1.2864	295.4	295.4	0.0576	0.0576		
PCB-11	19:21	38539	1.41	1.4418	0.6593	0.6593	0.0514	0.0514		M
PCB-12	19:43						0.0572	0.0572		
PCB-13 (C12)	19:43						0.0572	0.0572		
PCB-15	19:59	21482	1.68	1.1378	0.3673	0.3673	0.0589	0.0589		M
S Total Trichlorobiphenyls					151.1	151.0	0.1738	0.1738		RQ
D PCB-19L	17:11	1991125	1.06	0.6075	97.9	97.9	1.014	1.014	97.91	
* PCB-32L	20:27	3347587	1.06	1.4E+05	100.0	100.0				
* PCB-31L	22:43	8286034	1.04	3.1E+05	100.0	100.0				
$ PCB-28L	23:01						0.1049	0.1049		
D PCB-37L	27:01	6885564	1.05	0.8960	92.7	92.7	0.1157	0.1157	92.75	
PCB-19	17:12	18559	0.96	1.2904	0.7223	0.7223	0.0642	0.0642		
PCB-18	19:05	26109	0.94	1.8076	0.7254	0.7254	0.0458	0.0458		a
PCB-30 (C18)	19:05	26109	0.94	1.8076	0.7254	0.7254	0.0458	0.0458		a
PCB-17	19:29	23106	1.13	1.2151	0.9551	0.9551	0.0682	0.0682		
PCB-27	19:41	10251	0.93	1.7146	0.3003	0.3003	0.0483	0.0483		
PCB-24	19:51						0.0467	0.0467		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:58	7228	1.04	1.2003	0.3395	0.3024	0.0690	0.0690		RQM
PCB-32	20:28	18951	0.91	1.9703	0.4831	0.4831	0.0421	0.0421		
PCB-34	21:44						0.2689	0.2689		
PCB-23	21:53						0.2626	0.2626		
PCB-26	22:10	28924	0.94	1.0037	0.4185	0.4185	0.2703	0.2703		Ma
PCB-29 (C26)	22:10	28924	0.94	1.0037	0.4185	0.4185	0.2703	0.2703		Ma
PCB-25	22:25	19984	1.01	1.2995	0.2233	0.2233	0.2088	0.2088		M
PCB-31	22:43	105453	1.02	1.2369	1.238	1.238	0.2193	0.2193		
PCB-20	23:01	114629	0.92	1.1096	1.500	1.500	0.2445	0.2445		
PCB-28 (C20)	23:01	114629	0.92	1.1096	1.500	1.500	0.2445	0.2445		
PCB-21	23:15	50611	1.11	1.1245	0.6537	0.6537	0.2413	0.2413		
PCB-33 (C21)	23:15	50611	1.11	1.1245	0.6537	0.6537	0.2413	0.2413		
PCB-22	23:39	31341	0.94	1.2027	0.3785	0.3785	0.2256	0.2256		
PCB-36	25:13	12707285	1.03	1.2953	142.5	142.5	0.2094	0.2094		M
PCB-39	25:37	30154	1.04	1.1621	0.4246	0.3768	0.2334	0.2334		RQM
PCB-38	26:10						0.2307	0.2307		
PCB-35	26:39						0.2398	0.2398		
PCB-37	27:02	17648	1.16	1.1448	0.2239	0.2239	0.2370	0.2370		nMa
S Total Tetrachlorobiphenyls					387.3	387.2	0.0181	0.0181		RQ
D PCB-54L	20:16	2317723	0.81	0.6773	102.2	102.2	0.0820	0.0820	102	
* PCB-52L	24:51	4265784	0.79	1.6E+05	100.0	100.0				
D PCB-81L	33:46	5714918	0.79	1.3497	99.3	99.3	0.1424	0.1424	99.26	
D PCB-77L	34:20	5960145	0.80	1.4256	98.0	98.0	0.1348	0.1348	98.01	
PCB-54	20:19	4840	0.77	1.2064	0.1731	0.1731	0.0129	0.0129		
PCB-50	22:28	37123	0.68	0.7674	0.8286	0.8286	0.0233	0.0233		
PCB-53 (C50)	22:28	37123	0.68	0.7674	0.8286	0.8286	0.0233	0.0233		
PCB-45	23:12	49680	0.85	0.7052	1.207	1.207	0.0253	0.0253		M
PCB-51 (C45)	23:12	49680	0.85	0.7052	1.207	1.207	0.0253	0.0253		M
PCB-46	23:25	4903	0.77	0.5909	0.1689	0.1421	0.0302	0.0302		RQM
PCB-52	24:51	136156	0.86	0.8488	2.748	2.748	0.0210	0.0210		
PCB-43	25:01	45563	0.75	0.8936	0.8735	0.8735	0.0200	0.0200		M
PCB-73 (C43)	25:01	45563	0.75	0.8936	0.8735	0.8735	0.0200	0.0200		M
PCB-49	25:20	107002	0.74	0.8934	2.052	2.052	0.0200	0.0200		M
PCB-69 (C49)	25:20	107002	0.74	0.8934	2.052	2.052	0.0200	0.0200		M
PCB-48	25:37	16158	0.79	0.7506	0.3688	0.3688	0.0238	0.0238		M
PCB-44	25:48	790671	0.80	0.8388	16.1	16.1	0.0213	0.0213		
PCB-47 (C44)	25:48	790671	0.80	0.8388	16.1	16.1	0.0213	0.0213		
PCB-65 (C44)	25:48	790671	0.80	0.8388	16.1	16.1	0.0213	0.0213		
PCB-59	26:11	16200	0.82	1.0042	0.2764	0.2764	0.0178	0.0178		M
PCB-62 (C59)	26:11	16200	0.82	1.0042	0.2764	0.2764	0.0178	0.0178		M
PCB-75 (C59)	26:11	16200	0.82	1.0042	0.2764	0.2764	0.0178	0.0178		M
PCB-42	26:23	25833	0.77	0.6874	0.7164	0.6438	0.0260	0.0260		RQ
PCB-40	26:53	49653	0.83	0.7618	1.117	1.117	0.0234	0.0234		M
PCB-41 (C40)	26:53	49653	0.83	0.7618	1.117	1.117	0.0234	0.0234		M
PCB-71 (C40)	26:53	49653	0.83	0.7618	1.117	1.117	0.0234	0.0234		M
PCB-64	27:06	50562	0.78	1.0318	0.8395	0.8395	0.0173	0.0173		
PCB-72	27:56						0.0154	0.0154		
PCB-68	28:13	147430	0.88	1.1249	2.245	2.245	0.0159	0.0159		M
PCB-57	28:38						0.0161	0.0161		
PCB-58	28:53						0.0139	0.0139		
PCB-67	29:03						0.0135	0.0135		
PCB-63	29:19						0.0168	0.0168		
PCB-61	29:38	107115	0.77	1.1549	1.589	1.589	0.0155	0.0155		M
PCB-70 (C61)	29:38	107115	0.77	1.1549	1.589	1.589	0.0155	0.0155		M
PCB-74 (C61)	29:38	107115	0.77	1.1549	1.589	1.589	0.0155	0.0155		M
PCB-76 (C61)	29:38	107115	0.77	1.1549	1.589	1.589	0.0155	0.0155		M
PCB-66	29:59	55636	0.75	1.2325	0.7733	0.7733	0.0145	0.0145		M
PCB-55	30:08						0.0141	0.0141		
PCB-56	30:41	16408	0.67	1.2161	0.2311	0.2311	0.0147	0.0147		M
PCB-60	30:49	15407	0.77	1.0554	0.2775	0.2501	0.0169	0.0169		RQM
PCB-80	31:16						0.0140	0.0140		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:48						0.0124	0.0124		
PCB-78	33:20	25044046	0.79	1.2116	354.1	354.1	0.0147	0.0147		
PCB-81	33:45	33962	0.82	1.0148	0.5856	0.5856	0.0175	0.0175		M
PCB-77	34:21						0.0171	0.0171		
S Total Pentachlorobiphenyls					1075.7	1075.4	0.0629	0.0629		RQ
D PCB-104L	25:47	3750971	1.60	1.1880	102.6	102.6	0.0380	0.0380	103	
* PCB-101L	31:42	3076064	1.58	1.2E+05	100.0	100.0				
$ PCB-111L	34:22						0.0383	0.0383		
D PCB-123L	36:20	5445345	1.58	0.9399	104.7	104.7	0.7597	0.7597	105	
D PCB-118L	36:40	5673031	1.64	0.9794	104.7	104.7	0.7291	0.7291	105	
D PCB-114L	37:11	5585882	1.60	0.9767	103.4	103.4	0.7311	0.7311	103	
D PCB-105L	37:50	5424124	1.58	0.9600	102.1	102.1	0.7438	0.7438	102	
* PCB-127L	39:19	5533527	1.56	2.1E+05	100.0	100.0				
D PCB-126L	40:55	5355013	1.60	0.9554	101.3	101.3	0.7474	0.7474	101	
PCB-104	25:48	30300785	1.60	1.0054	803.4	803.4	0.0593	0.0593		M
PCB-96	26:11						0.0518	0.0518		
PCB-103	28:07						0.0715	0.0715		
PCB-94	28:20						0.0857	0.0857		
PCB-95	28:47	100615	1.63	0.7922	3.386	3.386	0.0752	0.0752		
PCB-93	28:58	36849	1.62	0.7830	1.255	1.255	0.0761	0.0761		M
PCB-100 (C93)	28:58	36849	1.62	0.7830	1.255	1.255	0.0761	0.0761		M
PCB-98	29:08						0.0649	0.0649		
PCB-102 (C98)	29:08						0.0649	0.0649		
PCB-88	29:39	22209	1.51	0.8023	0.7380	0.7380	0.0743	0.0743		M
PCB-91 (C88)	29:39	22209	1.51	0.8023	0.7380	0.7380	0.0743	0.0743		M
PCB-84	29:52	26488	1.73	0.6855	1.030	1.030	0.0869	0.0869		M
PCB-89	30:20						0.0702	0.0702		
PCB-121	30:46	11502004	1.58	1.2839	238.8	238.8	0.0464	0.0464		M
PCB-92	31:08	45597	1.44	0.7805	1.557	1.557	0.0763	0.0763		M
PCB-90	31:43	167810	1.66	0.9542	4.688	4.688	0.0624	0.0624		M
PCB-101 (C90)	31:43	167810	1.66	0.9542	4.688	4.688	0.0624	0.0624		M
PCB-113 (C90)	31:43	167810	1.66	0.9542	4.688	4.688	0.0624	0.0624		M
PCB-83	32:18	84277	1.36	0.8851	2.538	2.538	0.0673	0.0673		
PCB-99 (C83)	32:18	84277	1.36	0.8851	2.538	2.538	0.0673	0.0673		
PCB-112	32:25						0.0421	0.0421		
PCB-86	32:48	92067	1.55	1.0283	2.629	2.387	0.0579	0.0579		RQM
PCB-87 (C86)	32:48	92067	1.55	1.0283	2.629	2.387	0.0579	0.0579		RQM
PCB-97 (C86)	32:48	92067	1.55	1.0283	2.629	2.387	0.0579	0.0579		RQM
PCB-109 (C86)	32:48	92067	1.55	1.0283	2.629	2.387	0.0579	0.0579		RQM
PCB-119 (C86)	32:48	92067	1.55	1.0283	2.629	2.387	0.0579	0.0579		RQM
PCB-125 (C86)	32:48	92067	1.55	1.0283	2.629	2.387	0.0579	0.0579		RQM
PCB-85	33:32	29522	1.48	1.0238	0.7688	0.7688	0.0582	0.0582		M
PCB-116 (C85)	33:32	29522	1.48	1.0238	0.7688	0.7688	0.0582	0.0582		M
PCB-117 (C85)	33:32	29522	1.48	1.0238	0.7688	0.7688	0.0582	0.0582		M
PCB-110	33:42	190033	1.62	1.3556	3.737	3.737	0.0439	0.0439		
PCB-115 (C110)	33:42	190033	1.62	1.3556	3.737	3.737	0.0439	0.0439		
PCB-82	34:00						0.0699	0.0699		
PCB-111	34:23						0.0488	0.0488		
PCB-120	34:51						0.0393	0.0393		
PCB-108	36:01	4906	1.55	1.0910	0.1102	0.0818	0.0625	0.0625		RQM
PCB-124 (C108)	36:01	4906	1.55	1.0910	0.1102	0.0818	0.0625	0.0625		RQM
PCB-107	36:14	13919	1.74	1.2004	0.2109	0.2109	0.0568	0.0568		M
PCB-123	36:21						0.0649	0.0649		U
PCB-106	36:29	484226	1.59	1.1708	7.524	7.524	0.0582	0.0582		
PCB-118	36:41	147423	1.69	1.0261	2.533	2.533	0.0635	0.0635		M
PCB-122	37:01						0.0736	0.0736		
PCB-114	37:12						0.0598	0.0598		
PCB-105	37:51	40054	1.33	1.0755	0.6866	0.6866	0.0654	0.0654		M
PCB-127	39:20						0.0576	0.0576		
PCB-126	40:56						0.0593	0.0593		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					498.2	497.6	0.0731	0.0731		RQ
D PCB-155L	31:28	3715621	1.29	1.1357	106.4	106.4	0.0553	0.0553	106	
* PCB-138L	39:46	4083120	1.27	1.5E+05	100.0	100.0				
D PCB-167L	42:47	5010786	1.28	1.2662	96.9	96.9	0.4041	0.4041	96.92	
D PCB-156L	43:56	9852924	1.28	1.2515	192.8	192.8	0.4088	0.4088	96.40	
D PCB-157L (C156L)	43:56	9852924	1.28	1.2515	192.8	192.8	0.4088	0.4088	96.40	
D PCB-169L	47:10	4865137	1.28	1.3070	91.2	91.2	0.3915	0.3915	91.16	
PCB-155	31:29	9253817	1.26	0.9289	268.1	268.1	0.0328	0.0328		M
PCB-152	31:39	28133	1.30	1.1242	0.6735	0.6735	0.0271	0.0271		M
PCB-150	31:52	8646	1.24	0.9966	0.3166	0.2335	0.0306	0.0306		RQM
PCB-136	32:13	23145	1.24	0.9632	0.7198	0.6467	0.0316	0.0316		RQM
PCB-145	32:30						0.0283	0.0283		
PCB-148	34:00						0.0413	0.0413		
PCB-135	34:36	29949	1.24	0.7414	1.195	1.087	0.0411	0.0411		RQ
PCB-151 (C135)	34:36	29949	1.24	0.7414	1.195	1.087	0.0411	0.0411		RQ
PCB-154	34:50	18933	1.23	0.8223	0.6197	0.6197	0.0371	0.0371		
PCB-144	35:10						0.0413	0.0413		
PCB-147	35:33	120701	1.31	0.8634	2.834	2.834	0.0907	0.0907		M
PCB-149 (C147)	35:33	120701	1.31	0.8634	2.834	2.834	0.0907	0.0907		M
PCB-134	35:44	7985	1.24	0.6812	0.2715	0.2377	0.1150	0.1150		RQMa
PCB-143 (C134)	35:44	7985	1.24	0.6812	0.2715	0.2377	0.1150	0.1150		RQMa
PCB-139	36:07						0.0935	0.0935		
PCB-140 (C139)	36:07						0.0935	0.0935		
PCB-131	36:19						0.1143	0.1143		
PCB-142	36:29	6744916	1.25	0.6760	202.3	202.3	0.1159	0.1159		
PCB-132	36:47	74747	1.24	0.7063	2.369	2.146	0.1109	0.1109		RQM
PCB-133	37:17						0.1008	0.1008		
PCB-165	37:42	63999	1.31	0.9584	1.354	1.354	0.0818	0.0818		
PCB-146	37:57	16248	1.24	0.9163	0.4214	0.3595	0.0855	0.0855		RQ
PCB-161	38:05	406308	1.21	1.1406	7.223	7.223	0.0687	0.0687		
PCB-153	38:34	133940	1.22	1.0468	2.594	2.594	0.0748	0.0748		
PCB-168 (C153)	38:34	133940	1.22	1.0468	2.594	2.594	0.0748	0.0748		
PCB-141	38:45	22681	1.28	0.7580	0.6066	0.6066	0.1034	0.1034		M
PCB-130	39:09						0.1233	0.1233		
PCB-137	39:22						0.1040	0.1040		
PCB-164	39:29	12550	1.24	1.1173	0.2587	0.2277	0.0701	0.0701		RQ
PCB-129	39:49	172713	1.24	0.8826	3.968	3.968	0.0888	0.0888		
PCB-138 (C129)	39:49	172713	1.24	0.8826	3.968	3.968	0.0888	0.0888		
PCB-160 (C129)	39:49	172713	1.24	0.8826	3.968	3.968	0.0888	0.0888		
PCB-163 (C129)	39:49	172713	1.24	0.8826	3.968	3.968	0.0888	0.0888		
PCB-158	40:11	19481	1.06	1.1331	0.3486	0.3486	0.0691	0.0691		
PCB-128	41:03	34966	1.33	0.9522	0.7445	0.7445	0.0823	0.0823		
PCB-166 (C128)	41:03	34966	1.33	0.9522	0.7445	0.7445	0.0823	0.0823		
PCB-159	42:03	55616	1.18	1.3072	0.8626	0.8626	0.0599	0.0599		
PCB-162	42:19						0.0717	0.0717		
PCB-167	42:47						0.0571	0.0571		
PCB-156	43:58	22734	1.24	1.0713	0.4308	0.4308	0.0885	0.0885		
PCB-157 (C156)	43:58	22734	1.24	1.0713	0.4308	0.4308	0.0885	0.0885		
PCB-169	47:11						0.0577	0.0577		
S Total Heptachlorobiphenyls					1537.7	1537.7	0.0367	0.0367		
D PCB-188L	37:11	4232494	1.08	1.2605	119.8	119.8	0.0295	0.0295	120	
$ PCB-178L	40:14						0.0444	0.0444		
* PCB-180L	45:20	2803763	1.06	1.2E+05	100.0	100.0				
D PCB-170L	46:35	2405805	1.09	0.8524	100.7	100.7	0.0436	0.0436	101	
D PCB-189L	49:42	5874455	1.06	1.4740	100.0	100.0	0.7298	0.7298	100	
PCB-188	37:12						0.0280	0.0280		
PCB-179	37:32						0.0274	0.0274		
PCB-184	38:04	18245370	1.04	1.2996	423.0	423.0	0.0295	0.0295		
PCB-176	38:25						0.0320	0.0320		
PCB-186	38:52						0.0260	0.0260		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:16						0.0435	0.0435		
PCB-175	40:53						0.0424	0.0424		
PCB-187	41:09						0.0333	0.0333		
PCB-182	41:21						0.0347	0.0347		
PCB-183	41:45						0.0394	0.0394		
PCB-185 (C183)	41:45						0.0394	0.0394		
PCB-174	42:00						0.0384	0.0384		
PCB-177	42:26						0.0399	0.0399		
PCB-181	42:49						0.0362	0.0362		
PCB-171	43:03						0.0428	0.0428		
PCB-173 (C171)	43:03						0.0428	0.0428		
PCB-172	44:41						0.0413	0.0413		
PCB-192	44:59	52191571	1.06	1.4131	1112.8	1112.8	0.0271	0.0271		M
PCB-180	45:20	75137	1.06	1.1677	1.939	1.939	0.0328	0.0328		M
PCB-193 (C180)	45:20	75137	1.06	1.1677	1.939	1.939	0.0328	0.0328		M
PCB-191	45:41						0.0302	0.0302		
PCB-170	46:36						0.0500	0.0500		
PCB-190	47:06						0.0295	0.0295		
PCB-189	49:42						0.0667	0.0667		
S Total Octachlorobiphenyls					698.9	698.9	0.0314	0.0314		
D PCB-202L	42:34	3237326	0.90	1.0390	111.1	111.1	0.0224	0.0224	111	
* PCB-194L	51:49	3984315	0.90	1.5E+05	100.0	100.0				
D PCB-205L	52:17	4783074	0.89	1.2166	98.7	98.7	0.5998	0.5998	98.68	
PCB-202	42:34						0.0308	0.0308		
PCB-201	43:29						0.0324	0.0324		
PCB-204	44:11	24891691	0.91	1.1119	691.5	691.5	0.0279	0.0279		
PCB-197	44:24	222770	0.87	1.0487	6.562	6.562	0.0296	0.0296		M
PCB-200	44:30	21299	0.97	0.9671	0.6803	0.6803	0.0320	0.0320		M
PCB-198	47:17						0.0351	0.0351		
PCB-199 (C198)	47:17						0.0351	0.0351		
PCB-196	47:57						0.0393	0.0393		
PCB-203	48:09						0.0319	0.0319		
PCB-195	49:28						0.0330	0.0330		
PCB-194	51:49						0.0295	0.0295		
PCB-205	52:19	8837	1.00	1.1267	0.1640	0.1640	0.0243	0.0243		M
S Total Nonachlorobiphenyls					2.841	2.841	0.0845	0.0845		
D PCB-208L	49:15	4328719	0.80	1.0234	106.2	106.2	0.8896	0.8896	106	
D PCB-206L	54:02	3017972	0.80	0.7298	103.8	103.8	1.247	1.247	104	
PCB-208	49:14						0.0785	0.0785		
PCB-207	50:11	128639	0.81	1.2328	2.841	2.841	0.0792	0.0792		
PCB-206	54:02						0.0959	0.0959		
D PCB-209L	55:40	3271885	0.72	0.7565	108.5	108.5	0.0415	0.0415	109	
DCB Decachlorobiphenyl	55:44	119883	0.60	1.0418	3.517	3.517	0.0242	0.0242		Ma
S Polychlorinated biphenyls, Total					4651.7	3.517	0.0624	0.0624		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- n - Failed Sig-To-Noise Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d
Lims ID: 140-34509-A-3-B
Client ID: PW-02
Sample Type: Client
Inject. Date: 04-Jan-2024 15:02:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-007
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 22:55:27 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 22:55:27

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:40	11:40	-2	0.727	5288029	1963687	778	1945	2524		
202.0766	11:40	11:40	-2	0.727	1662405	624441	1083	2707	577	3.18(2.66-3.60)	
PCB-3L											
200.0795	13:50	13:49	-2	0.862	4763317	1341366	778	1945	1724		
202.0766	13:50	13:49	-2	0.862	1464190	426451	1083	2707	394	3.25(2.66-3.60)	
PCB-1											
188.0393	11:40						136	340			
190.0363	11:40						58	145			
PCB-2											
188.0393	13:40						136	340			
190.0363	13:40						58	145			
PCB-3											
188.0393	13:50						136	340			
190.0363	13:50						58	145			
PCB-4L											
234.0406	14:05	14:04	-2	0.877	1825972	536350	213	532	2518		
236.0376	14:05	14:04	-2	0.877	1141620	339317	90	225	3770	1.60(1.33-1.79)	
PCB-9L											
234.0406	16:03	16:04	-2		3069018	846888	213	532	3976		
236.0376	16:03	16:04	-2		1883872	511468	90	225	5683	1.63(1.33-1.79)	
PCB-15L											
234.0406	19:58	19:56	-1	1.245	3161707	665045	213	532	3122		
236.0376	19:58	19:56	-1	1.245	1978633	420545	90	225	4673	1.60(1.33-1.79)	
PCB-4											
222.0003	14:05						125	312			
223.9974	14:05						166	415			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-10											
222.0003	14:15						125	312			
223.9974	14:15						166	415			
PCB-9											
222.0003	16:03						125	312			
223.9974	16:03						166	415			
PCB-7											
222.0003	16:13						125	312			
223.9974	16:13						166	415			
PCB-6											
222.0003	16:28						125	312			
223.9974	16:28						166	415			
PCB-5											
222.0003	16:46						125	312			
223.9974	16:46						166	415			
PCB-8											
222.0003	16:54						125	312			
223.9974	16:54						166	415			
PCB-14											
222.0003	18:32	18:31	-1	0.928	9477648	2184173	125	312	17473		
223.9974	18:31	18:31	-2	0.927	5926119	1365521	166	415	8226	1.60(1.33-1.79)	
PCB-11											M
222.0003	19:21	19:21	-2	0.968	22532	3712	125	312	30		M
223.9974	19:22	19:21	-1	0.970	16007	3027	166	415	18	1.41(1.33-1.79)	M
PCB-12											
222.0003	19:41						125	312			
223.9974	19:41						166	415			
PCB-13 (C12)											
222.0003	19:41						125	312			
223.9974	19:41						166	415			
PCB-15											M
222.0003	19:59	19:58	-1	1.001	13472	2334	125	312	19		M
223.9974	20:00	19:58	0	1.001	8010	1503	166	415	9	1.68(1.33-1.79)	M
PCB-19L											
268.0016	17:11	17:11	-2	0.840	1024547	264162	1242	3105	213		
269.9986	17:11	17:11	-2	0.840	966578	251211	609	1522	412	1.06(0.88-1.20)	
PCB-32L											
268.0016	20:27	20:27	0		1725674	386388	1242	3105	311		
269.9986	20:26	20:27	-1		1621913	364519	609	1522	599	1.06(0.88-1.20)	
PCB-31L											
268.0016	22:43	22:43	-1		4229717	917481	485	1212	1892		
269.9986	22:43	22:43	-1		4056317	892567	266	665	3356	1.04(0.88-1.20)	
PCB-28L											
268.0016	23:00						485	1212			
269.9986	23:00						266	665			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-37L											
268.0016	27:01	27:00	-1	1.190	3534326	686192	485	1212	1415		
269.9986	27:01	27:00	-1	1.190	3351238	651918	266	665	2451	1.05(0.88-1.20)	
PCB-19											
255.9613	17:12	17:11	-1	1.002	9111	2662	41	102	65		
257.9584	17:12	17:11	-1	1.002	9448	2913	130	325	22	0.96(0.88-1.20)	
PCB-18											a
255.9613	19:05	19:01	2	1.111	12626	2839	41	102	69		a
257.9584	19:04	19:01	1	1.110	13483	3677	130	325	28	0.94(0.88-1.20)	
PCB-30 (C18)											a
255.9613	19:05	19:01	2	1.111	12626	2839	41	102	69		a
257.9584	19:04	19:01	1	1.110	13483	3677	130	325	28	0.94(0.88-1.20)	
PCB-17											
255.9613	19:29	19:28	-1	1.135	12252	3064	41	102	75		
257.9584	19:29	19:28	-2	1.134	10854	2326	130	325	18	1.13(0.88-1.20)	
PCB-27											
255.9613	19:41	19:41	-2	1.146	4939	924	41	102	23		
257.9584	19:43	19:41	1	1.148	5312	1248	130	325	10	0.93(0.88-1.20)	
PCB-24											
255.9613	19:49						41	102			
257.9584	19:49						130	325			
PCB-16											RQM
255.9613	19:58	19:56	0	1.162	3685	871	41	102	21		M
257.9584	19:56	19:56	-2	1.161	4430	937	130	325	7	0.83(0.88-1.20)	M
	Empc Correction				3543	837	130	325	6		
PCB-32											
255.9613	20:28	20:26	-1	1.191	9049	2081	41	102	51		
257.9584	20:28	20:26	-1	1.191	9902	2177	130	325	17	0.91(0.88-1.20)	
PCB-34											
255.9613	21:42						847	2117			
257.9584	21:42						605	1512			
PCB-23											
255.9613	21:51						847	2117			
257.9584	21:51						605	1512			
PCB-26											Ma
255.9613	22:10	22:10	-2	1.291	14050	2801	847	2117	3		M
257.9584	22:12	22:10	-1	1.292	14874	2994	605	1512	5	0.94(0.88-1.20)	a
PCB-29 (C26)											Ma
255.9613	22:10	22:10	-2	1.291	14050	2801	847	2117	3		M
257.9584	22:12	22:10	-1	1.292	14874	2994	605	1512	5	0.94(0.88-1.20)	a
PCB-25											M
255.9613	22:25	22:25	-1	0.830	10043	2398	847	2117	3		M
257.9584	22:24	22:25	-2	0.829	9941	2359	605	1512	4	1.01(0.88-1.20)	M
PCB-31											
255.9613	22:43	22:43	-1	0.841	53202	11823	847	2117	14		
257.9584	22:44	22:43	0	0.841	52251	11424	605	1512	19	1.02(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-20											
255.9613	23:01	23:02	-2	0.852	54934	12094	847	2117	14		
257.9584	23:01	23:02	-2	0.852	59695	12370	605	1512	20	0.92(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:01	23:02	-2	0.852	54934	12094	847	2117	14		
257.9584	23:01	23:02	-2	0.852	59695	12370	605	1512	20	0.92(0.88-1.20)	
PCB-21											
255.9613	23:15	23:12	2	0.861	26629	6429	847	2117	8		
257.9584	23:16	23:12	3	0.861	23982	5633	605	1512	9	1.11(0.88-1.20)	
PCB-33 (C21)											
255.9613	23:15	23:12	2	0.861	26629	6429	847	2117	8		
257.9584	23:16	23:12	3	0.861	23982	5633	605	1512	9	1.11(0.88-1.20)	
PCB-22											
255.9613	23:39	23:39	-1	0.876	15151	3964	847	2117	5		
257.9584	23:41	23:39	1	0.876	16190	3437	605	1512	6	0.94(0.88-1.20)	
PCB-36											M
255.9613	25:13	25:12	-1	0.933	6452633	1322460	847	2117	1561		M
257.9584	25:13	25:12	-1	0.933	6254652	1298882	605	1512	2147	1.03(0.88-1.20)	M
PCB-39											RQM
255.9613	25:37	25:35	1	0.948	15373	3935	847	2117	5		M
257.9584	25:34	25:35	-2	0.947	18604	4305	605	1512	7	0.83(0.88-1.20)	M
	Empc Correction				14781	3783	605	1512	6		
PCB-38											
255.9613	26:09						847	2117			
257.9584	26:09						605	1512			
PCB-35											
255.9613	26:38						847	2117			
257.9584	26:38						605	1512			
PCB-37											nMa
255.9613	27:02	27:01	0	1.001	9468	1797	847	2117	2		M
257.9584	27:02	27:01	-1	1.000	8180	2629	605	1512	4	1.16(0.88-1.20)	M
PCB-54L											
301.9626	20:16	20:16	-1	0.816	1034441	247516	116	290	2134		
303.9597	20:16	20:16	-1	0.816	1283282	299460	51	127	5872	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:51	24:51	0		1885601	403014	290	725	1390		
303.9597	24:51	24:51	0		2380183	507395	410	1025	1238	0.79(0.65-0.89)	
PCB-81L											
301.9626	33:46	33:44	0	1.359	2529356	477552	290	725	1647		
303.9597	33:46	33:44	0	1.359	3185562	594056	410	1025	1449	0.79(0.65-0.89)	
PCB-77L											
301.9626	34:20	34:18	0	1.382	2654312	475745	290	725	1641		
303.9597	34:20	34:18	0	1.382	3305833	580465	410	1025	1416	0.80(0.65-0.89)	
PCB-54											
289.9224	20:19	20:18	1	1.000	2112	689	14	35	49		
291.9194	20:17	20:18	-2	0.998	2728	568	20	50	28	0.77(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-50											
289.9224	22:28	22:27	-1	1.109	14974	3107	34	85	91		
291.9194	22:28	22:27	-1	1.109	22149	4730	42	105	113	0.68(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:28	22:27	-1	1.109	14974	3107	34	85	91		
291.9194	22:28	22:27	-1	1.109	22149	4730	42	105	113	0.68(0.65-0.89)	
PCB-45											M
289.9224	23:12	23:10	0	1.145	22771	4013	34	85	118		M
291.9194	23:13	23:10	1	1.146	26909	4597	42	105	109	0.85(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:12	23:10	0	1.145	22771	4013	34	85	118		M
291.9194	23:13	23:10	1	1.146	26909	4597	42	105	109	0.85(0.65-0.89)	M
PCB-46											RQM
289.9224	23:25	23:25	-2	1.156	2133	545	34	85	16		M
291.9194	23:28	23:25	1	1.158	3694	717	42	105	17	0.58(0.65-0.89)	M
	Empc Correction				2770	707	42	105	17		
PCB-52											
289.9224	24:51	24:50	-1	1.227	62960	13702	34	85	403		
291.9194	24:52	24:50	0	1.227	73196	16324	42	105	389	0.86(0.65-0.89)	
PCB-43											M
289.9224	25:01	24:58	1	1.235	19505	4079	34	85	120		
291.9194	25:01	24:58	0	1.234	26058	4684	42	105	112	0.75(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:01	24:58	1	1.235	19505	4079	34	85	120		
291.9194	25:01	24:58	0	1.234	26058	4684	42	105	112	0.75(0.65-0.89)	M
PCB-49											M
289.9224	25:20	25:17	2	1.251	45568	10402	34	85	306		
291.9194	25:20	25:17	2	1.251	61434	12998	42	105	309	0.74(0.65-0.89)	M
PCB-69 (C49)											M
289.9224	25:20	25:17	2	1.251	45568	10402	34	85	306		
291.9194	25:20	25:17	2	1.251	61434	12998	42	105	309	0.74(0.65-0.89)	M
PCB-48											M
289.9224	25:37	25:36	-1	1.265	7138	1719	34	85	51		M
291.9194	25:38	25:36	0	1.265	9020	2395	42	105	57	0.79(0.65-0.89)	M
PCB-44											
289.9224	25:48	25:50	-5	1.273	350801	60796	34	85	1788		
291.9194	25:48	25:50	-5	1.273	439870	77057	42	105	1835	0.80(0.65-0.89)	
PCB-47 (C44)											
289.9224	25:48	25:50	-5	1.273	350801	60796	34	85	1788		
291.9194	25:48	25:50	-5	1.273	439870	77057	42	105	1835	0.80(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:48	25:50	-5	1.273	350801	60796	34	85	1788		
291.9194	25:48	25:50	-5	1.273	439870	77057	42	105	1835	0.80(0.65-0.89)	
PCB-59											M
289.9224	26:11	26:09	0	1.292	7292	1092	34	85	32		M
291.9194	26:11	26:09	0	1.292	8908	1559	42	105	37	0.82(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-62 (C59)											M
289.9224	26:11	26:09	0	1.292	7292	1092	34	85	32		M
291.9194	26:11	26:09	0	1.292	8908	1559	42	105	37	0.82(0.65-0.89)	M
PCB-75 (C59)											M
289.9224	26:11	26:09	0	1.292	7292	1092	34	85	32		M
291.9194	26:11	26:09	0	1.292	8908	1559	42	105	37	0.82(0.65-0.89)	M
PCB-42											RQ
289.9224	26:23	26:21	0	1.302	14155	2964	34	85	87		
	Empc Correction				11238	1891	34	85	56		
291.9194	26:23	26:21	-1	1.302	14595	2456	42	105	58	0.97(0.65-0.89)	
PCB-40											M
289.9224	26:53	26:50	1	1.327	22552	3529	34	85	104		M
291.9194	26:53	26:50	1	1.327	27101	3939	42	105	94	0.83(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	26:53	26:50	1	1.327	22552	3529	34	85	104		M
291.9194	26:53	26:50	1	1.327	27101	3939	42	105	94	0.83(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	26:53	26:50	1	1.327	22552	3529	34	85	104		M
291.9194	26:53	26:50	1	1.327	27101	3939	42	105	94	0.83(0.65-0.89)	M
PCB-64											
289.9224	27:06	27:03	0	1.337	22130	4440	34	85	131		
291.9194	27:06	27:03	0	1.337	28432	5306	42	105	126	0.78(0.65-0.89)	
PCB-72											
289.9224	27:56						34	85			
291.9194	27:56						42	105			
PCB-68											M
289.9224	28:13	28:13	0	0.836	68926	12951	34	85	381		
291.9194	28:13	28:13	0	0.836	78504	16501	42	105	393	0.88(0.65-0.89)	M
PCB-57											
289.9224	28:38						34	85			
291.9194	28:38						42	105			
PCB-58											
289.9224	28:52						34	85			
291.9194	28:52						42	105			
PCB-67											
289.9224	29:02						34	85			
291.9194	29:02						42	105			
PCB-63											
289.9224	29:19						34	85			
291.9194	29:19						42	105			
PCB-61											M
289.9224	29:38	29:38	-1	0.878	46559	6874	34	85	202		
291.9194	29:38	29:38	-1	0.878	60556	8826	42	105	210	0.77(0.65-0.89)	M
PCB-70 (C61)											M
289.9224	29:38	29:38	-1	0.878	46559	6874	34	85	202		
291.9194	29:38	29:38	-1	0.878	60556	8826	42	105	210	0.77(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-74 (C61)											M
289.9224	29:38	29:38	-1	0.878	46559	6874	34	85	202		
291.9194	29:38	29:38	-1	0.878	60556	8826	42	105	210	0.77(0.65-0.89)	M
PCB-76 (C61)											M
289.9224	29:38	29:38	-1	0.878	46559	6874	34	85	202		
291.9194	29:38	29:38	-1	0.878	60556	8826	42	105	210	0.77(0.65-0.89)	M
PCB-66											M
289.9224	29:59	29:58	1	0.888	23921	4310	34	85	127		M
291.9194	29:58	29:58	0	0.888	31715	5577	42	105	133	0.75(0.65-0.89)	M
PCB-55											
289.9224	30:08						34	85			
291.9194	30:08						42	105			
PCB-56											M
289.9224	30:41	30:38	2	0.909	6590	1760	34	85	52		M
291.9194	30:39	30:38	0	0.908	9818	2492	42	105	59	0.67(0.65-0.89)	M
PCB-60											RQM
289.9224	30:49	30:51	-2	0.913	8390	3726	34	85	110		M
	Empc Correction				6702	4505	34	85	133		
291.9194	30:49	30:51	-2	0.913	8705	5851	42	105	139	0.96(0.65-0.89)	M
PCB-80											
289.9224	31:15						34	85			
291.9194	31:15						42	105			
PCB-79											
289.9224	32:47						34	85			
291.9194	32:47						42	105			
PCB-78											
289.9224	33:20	33:20	0	0.987	11029242	2095992	34	85	61647		
291.9194	33:20	33:20	0	0.987	14014804	2685295	42	105	63936	0.79(0.65-0.89)	
PCB-81											M
289.9224	33:45	33:47	-2	1.000	15304	3725	34	85	110		M
291.9194	33:47	33:47	-1	1.000	18658	5616	42	105	134	0.82(0.65-0.89)	M
PCB-77											
289.9224	34:21						34	85			
291.9194	34:21						42	105			
PCB-104L											
337.9207	25:47	25:46	0	0.813	2306660	488878	89	222	5493		
339.9178	25:47	25:46	0	0.813	1444311	303394	22	55	13791	1.60(1.32-1.78)	
PCB-101L											
337.9207	31:42	31:42	0		1881948	373699	89	222	4199		
339.9178	31:42	31:42	0		1194116	239183	22	55	10872	1.58(1.32-1.78)	
PCB-111L											
337.9207	34:21						89	222			
339.9178	34:21						22	55			
PCB-123L											
337.9207	36:20	36:18	1	1.146	3335251	639016	1782	4455	359		
339.9178	36:20	36:18	1	1.146	2110094	410821	1164	2910	353	1.58(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-118L											
337.9207	36:40	36:37	1	1.157	3521600	668578	1782	4455	375		
339.9178	36:40	36:37	1	1.157	2151431	424871	1164	2910	365	1.64(1.32-1.78)	
PCB-114L											
337.9207	37:11	37:09	1	1.173	3440309	673020	1782	4455	378		
339.9178	37:11	37:09	1	1.173	2145573	417370	1164	2910	359	1.60(1.32-1.78)	
PCB-105L											
337.9207	37:50	37:48	0	1.194	3319250	619079	1782	4455	347		
339.9178	37:50	37:48	0	1.194	2104874	392554	1164	2910	337	1.58(1.32-1.78)	
PCB-127L											
337.9207	39:19	39:18	1		3370084	630842	1782	4455	354		
339.9178	39:19	39:18	1		2163443	400520	1164	2910	344	1.56(1.32-1.78)	
PCB-126L											
337.9207	40:55	40:53	1	1.291	3292204	609168	1782	4455	342		
339.9178	40:55	40:53	1	1.291	2062809	367954	1164	2910	316	1.60(1.32-1.78)	
PCB-104											M
325.8804	25:48	25:48	0	1.001	18630078	4045912	116	290	34879		M
327.8775	25:48	25:48	0	1.001	11670707	2507823	73	182	34354	1.60(1.32-1.78)	
PCB-96											
325.8804	26:11						116	290			
327.8775	26:11						73	182			
PCB-103											
325.8804	28:06						116	290			
327.8775	28:06						73	182			
PCB-94											
325.8804	28:19						116	290			
327.8775	28:19						73	182			
PCB-95											
325.8804	28:47	28:46	0	1.117	62288	12100	116	290	104		
327.8775	28:47	28:46	0	1.117	38327	7446	73	182	102	1.63(1.32-1.78)	
PCB-93											M
325.8804	28:58	28:59	-1	1.124	22787	4421	116	290	38		M
327.8775	29:00	28:59	1	1.125	14062	2767	73	182	38	1.62(1.32-1.78)	M
PCB-100 (C93)											M
325.8804	28:58	28:59	-1	1.124	22787	4421	116	290	38		M
327.8775	29:00	28:59	1	1.125	14062	2767	73	182	38	1.62(1.32-1.78)	M
PCB-98											
325.8804	29:08						116	290			
327.8775	29:08						73	182			
PCB-102 (C98)											
325.8804	29:08						116	290			
327.8775	29:08						73	182			
PCB-88											M
325.8804	29:39	29:38	1	1.150	13372	2521	116	290	22		M
327.8775	29:37	29:38	-1	1.149	8837	1560	73	182	21	1.51(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-91 (C88)											M
325.8804	29:39	29:38	1	1.150	13372	2521	116	290	22		M
327.8775	29:37	29:38	-1	1.149	8837	1560	73	182	21	1.51(1.32-1.78)	M
PCB-84											M
325.8804	29:52	29:51	1	1.159	16791	3628	116	290	31		M
327.8775	29:52	29:51	1	1.159	9697	2485	73	182	34	1.73(1.32-1.78)	M
PCB-89											
325.8804	30:20						116	290			
327.8775	30:20						73	182			
PCB-121											M
325.8804	30:46	30:44	1	1.193	7051825	1416964	116	290	12215		M
327.8775	30:46	30:44	1	1.193	4450179	886895	73	182	12149	1.58(1.32-1.78)	
PCB-92											M
325.8804	31:08	31:08	0	0.857	26895	6447	116	290	56		M
327.8775	31:08	31:08	0	0.857	18702	3811	73	182	52	1.44(1.32-1.78)	M
PCB-90											M
325.8804	31:43	31:40	2	1.231	104737	17974	116	290	155		M
327.8775	31:42	31:40	2	1.230	63073	11680	73	182	160	1.66(1.32-1.78)	
PCB-101 (C90)											M
325.8804	31:43	31:40	2	1.231	104737	17974	116	290	155		M
327.8775	31:42	31:40	2	1.230	63073	11680	73	182	160	1.66(1.32-1.78)	
PCB-113 (C90)											M
325.8804	31:43	31:40	2	1.231	104737	17974	116	290	155		M
327.8775	31:42	31:40	2	1.230	63073	11680	73	182	160	1.66(1.32-1.78)	
PCB-83											
325.8804	32:18	32:16	1	1.253	48557	10347	116	290	89		
327.8775	32:18	32:16	1	1.253	35720	5872	73	182	80	1.36(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:18	32:16	1	1.253	48557	10347	116	290	89		
327.8775	32:18	32:16	1	1.253	35720	5872	73	182	80	1.36(1.32-1.78)	
PCB-112											
325.8804	32:24						116	290			
327.8775	32:24						73	182			
PCB-86											RQM
325.8804	32:48	32:46	1	1.272	65302	6540	116	290	56		M
	Empc Correction				55962	5959	116	290	51		
327.8775	32:53	32:46	7	1.276	36105	3845	73	182	53	1.81(1.32-1.78)	M
PCB-87 (C86)											RQM
325.8804	32:48	32:46	1	1.272	65302	6540	116	290	56		M
	Empc Correction				55962	5959	116	290	51		
327.8775	32:53	32:46	7	1.276	36105	3845	73	182	53	1.81(1.32-1.78)	M
PCB-97 (C86)											RQM
325.8804	32:48	32:46	1	1.272	65302	6540	116	290	56		M
	Empc Correction				55962	5959	116	290	51		
327.8775	32:53	32:46	7	1.276	36105	3845	73	182	53	1.81(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-109 (C86)											RQM
325.8804	32:48	32:46	1	1.272	65302	6540	116	290	56		M
	Empc Correction				55962	5959	116	290	51		
327.8775	32:53	32:46	7	1.276	36105	3845	73	182	53	1.81(1.32-1.78)	M
PCB-119 (C86)											RQM
325.8804	32:48	32:46	1	1.272	65302	6540	116	290	56		M
	Empc Correction				55962	5959	116	290	51		
327.8775	32:53	32:46	7	1.276	36105	3845	73	182	53	1.81(1.32-1.78)	M
PCB-125 (C86)											RQM
325.8804	32:48	32:46	1	1.272	65302	6540	116	290	56		M
	Empc Correction				55962	5959	116	290	51		
327.8775	32:53	32:46	7	1.276	36105	3845	73	182	53	1.81(1.32-1.78)	M
PCB-85											M
325.8804	33:32	33:29	2	1.301	17596	2311	116	290	20		M
327.8775	33:32	33:29	2	1.301	11926	1986	73	182	27	1.48(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:32	33:29	2	1.301	17596	2311	116	290	20		M
327.8775	33:32	33:29	2	1.301	11926	1986	73	182	27	1.48(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:32	33:29	2	1.301	17596	2311	116	290	20		M
327.8775	33:32	33:29	2	1.301	11926	1986	73	182	27	1.48(1.32-1.78)	M
PCB-110											
325.8804	33:42	33:44	-2	1.308	117450	21980	116	290	189		
327.8775	33:41	33:44	-3	1.307	72583	12704	73	182	174	1.62(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:42	33:44	-2	1.308	117450	21980	116	290	189		
327.8775	33:41	33:44	-3	1.307	72583	12704	73	182	174	1.62(1.32-1.78)	
PCB-82											
325.8804	33:59						116	290			
327.8775	33:59						73	182			
PCB-111											
325.8804	34:23						116	290			
327.8775	34:23						73	182			
PCB-120											
325.8804	34:51						116	290			
327.8775	34:51						73	182			
PCB-108											RQM
325.8804	36:01	35:59	2	1.397	4683	1016	173	432	6		M
	Empc Correction				2982	633	173	432	4		
327.8775	35:59	35:59	-1	1.396	1924	409	112	280	4	2.43(1.32-1.78)	M
PCB-124 (C108)											RQM
325.8804	36:01	35:59	2	1.397	4683	1016	173	432	6		M
	Empc Correction				2982	633	173	432	4		
327.8775	35:59	35:59	-1	1.396	1924	409	112	280	4	2.43(1.32-1.78)	M
PCB-107											M
325.8804	36:14	36:13	0	1.406	8839	1359	173	432	8		
327.8775	36:15	36:13	2	1.407	5080	1349	112	280	12	1.74(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123											U
325.8804	36:21						173	432			
327.8775	36:21						112	280			
PCB-106											
325.8804	36:29	36:28	2	1.004	297462	58521	173	432	338		
327.8775	36:29	36:28	2	1.004	186764	37019	112	280	331	1.59(1.32-1.78)	
PCB-118											M
325.8804	36:41	36:40	1	1.001	92542	16804	173	432	97		M
327.8775	36:41	36:40	1	1.001	54881	9830	112	280	88	1.69(1.32-1.78)	M
PCB-122											
325.8804	37:00						173	432			
327.8775	37:00						112	280			
PCB-114											
325.8804	37:11						173	432			
327.8775	37:11						112	280			
PCB-105											M
325.8804	37:51	37:50	1	1.001	22860	4206	173	432	24		
327.8775	37:53	37:50	2	1.001	17194	3206	112	280	29	1.33(1.32-1.78)	M
PCB-127											
325.8804	39:19						173	432			
327.8775	39:19						112	280			
PCB-126											
325.8804	40:55						173	432			
327.8775	40:55						112	280			
PCB-155L											
371.8817	31:28	31:26	1	0.791	2090809	416178	61	152	6823		
373.8788	31:28	31:26	1	0.791	1624812	322202	93	232	3465	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:46	39:46	1		2287623	427968	767	1917	558		
373.8788	39:46	39:46	1		1795497	335647	796	1990	422	1.27(1.05-1.43)	
PCB-167L											
371.8817	42:47	42:45	1	1.076	2812780	530765	767	1917	692		
373.8788	42:47	42:45	1	1.076	2198006	427871	796	1990	538	1.28(1.05-1.43)	
PCB-156L											
371.8817	43:56	43:55	1	1.105	5527842	716878	767	1917	935		
373.8788	43:56	43:55	1	1.105	4325082	564156	796	1990	709	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:56	43:55	1	1.105	5527842	716878	767	1917	935		
373.8788	43:56	43:55	1	1.105	4325082	564156	796	1990	709	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:10	47:09	1	1.186	2728307	482906	767	1917	630		
373.8788	47:10	47:09	1	1.186	2136830	376272	796	1990	473	1.28(1.05-1.43)	
PCB-155											M
359.8415	31:29	31:27	0	1.000	5150362	1017743	75	187	13570		M
361.8385	31:29	31:27	0	1.000	4103455	813605	15	37	54240	1.26(1.05-1.43)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-152											M
359.8415	31:39	31:39	-2	1.006	15885	4168	75	187	56		M
361.8385	31:39	31:39	-1	1.006	12248	2921	15	37	195	1.30(1.05-1.43)	M
PCB-150											RQM
359.8415	31:52	31:49	2	1.013	7863	1827	75	187	24		M
	Empc Correction				4786	1066	75	187	14		
361.8385	31:52	31:49	2	1.013	3860	860	15	37	57	2.04(1.05-1.43)	
PCB-136											RQM
359.8415	32:13	32:11	1	1.024	15428	3699	75	187	49		M
	Empc Correction				12812	2266	75	187	30		
361.8385	32:12	32:11	0	1.024	10333	1828	15	37	122	1.49(1.05-1.43)	
PCB-145											
359.8415	32:29						75	187			
361.8385	32:29						15	37			
PCB-148											
359.8415	33:59						75	187			
361.8385	33:59						15	37			
PCB-135											RQ
359.8415	34:36	34:37	-3	1.100	16579	2204	75	187	29		
361.8385	34:37	34:37	-2	1.100	16337	2475	15	37	165	1.01(1.05-1.43)	
	Empc Correction				13370	1777	15	37	118		
PCB-151 (C135)											RQ
359.8415	34:36	34:37	-3	1.100	16579	2204	75	187	29		
361.8385	34:37	34:37	-2	1.100	16337	2475	15	37	165	1.01(1.05-1.43)	
	Empc Correction				13370	1777	15	37	118		
PCB-154											
359.8415	34:50	34:50	-1	1.107	10424	1973	75	187	26		
361.8385	34:50	34:50	-1	1.107	8509	1468	15	37	98	1.23(1.05-1.43)	
PCB-144											
359.8415	35:09						75	187			
361.8385	35:09						15	37			
PCB-147											M
359.8415	35:33	35:30	1	1.130	68432	14080	87	217	162		M
361.8385	35:33	35:30	1	1.130	52269	9633	156	390	62	1.31(1.05-1.43)	M
PCB-149 (C147)											M
359.8415	35:33	35:30	1	1.130	68432	14080	87	217	162		M
361.8385	35:33	35:30	1	1.130	52269	9633	156	390	62	1.31(1.05-1.43)	M
PCB-134											RQMa
359.8415	35:44	35:48	-5	1.136	5557	1167	87	217	13		M
	Empc Correction				4420	1164	87	217	13		
361.8385	35:45	35:48	-4	1.136	3565	939	156	390	6	1.56(1.05-1.43)	
PCB-143 (C134)											RQMa
359.8415	35:44	35:48	-5	1.136	5557	1167	87	217	13		M
	Empc Correction				4420	1164	87	217	13		
361.8385	35:45	35:48	-4	1.136	3565	939	156	390	6	1.56(1.05-1.43)	
PCB-139											
359.8415	36:06						87	217			
361.8385	36:06						156	390			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-140 (C139)											
359.8415	36:06						87	217			
361.8385	36:06						156	390			
PCB-131											
359.8415	36:18						87	217			
361.8385	36:18						156	390			
PCB-142											
359.8415	36:29	36:27	1	1.160	3750772	725721	87	217	8342		
361.8385	36:29	36:27	1	1.160	2994144	574267	156	390	3681	1.25(1.05-1.43)	
PCB-132											RQM
359.8415	36:47	36:46	-1	1.169	41378	7749	87	217	89		M
361.8385	36:48	36:46	0	1.169	41163	6972	156	390	45	1.01(1.05-1.43)	M
	Empc Correction				33369	6249	156	390	40		
PCB-133											
359.8415	37:16						87	217			
361.8385	37:16						156	390			
PCB-165											
359.8415	37:42	37:40	1	0.881	36256	7366	87	217	85		
361.8385	37:41	37:40	0	0.881	27743	5030	156	390	32	1.31(1.05-1.43)	
PCB-146											RQ
359.8415	37:57	37:55	1	0.887	11789	3489	87	217	40		
	Empc Correction				8994	2956	87	217	34		
361.8385	37:56	37:55	0	0.887	7254	2384	156	390	15	1.63(1.05-1.43)	
PCB-161											
359.8415	38:05	38:03	1	0.890	222049	40212	87	217	462		
361.8385	38:05	38:03	1	0.890	184259	34962	156	390	224	1.21(1.05-1.43)	
PCB-153											
359.8415	38:34	38:33	0	0.901	73725	13881	87	217	160		
361.8385	38:34	38:33	0	0.901	60215	13028	156	390	84	1.22(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:34	38:33	0	0.901	73725	13881	87	217	160		
361.8385	38:34	38:33	0	0.901	60215	13028	156	390	84	1.22(1.05-1.43)	
PCB-141											M
359.8415	38:45	38:43	1	0.906	12738	2595	87	217	30		
361.8385	38:43	38:43	-1	0.905	9943	1723	156	390	11	1.28(1.05-1.43)	M
PCB-130											
359.8415	39:09						87	217			
361.8385	39:09						156	390			
PCB-137											
359.8415	39:21						87	217			
361.8385	39:21						156	390			
PCB-164											RQ
359.8415	39:29	39:28	0	0.923	8654	1371	87	217	16		
	Empc Correction				6947	1435	87	217	16		
361.8385	39:32	39:28	3	0.924	5603	1158	156	390	7	1.54(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-129											
359.8415	39:49	39:47	1	0.931	95607	16764	87	217	193		
361.8385	39:48	39:47	0	0.930	77106	12604	156	390	81	1.24(1.05-1.43)	
PCB-138 (C129)											
359.8415	39:49	39:47	1	0.931	95607	16764	87	217	193		
361.8385	39:48	39:47	0	0.930	77106	12604	156	390	81	1.24(1.05-1.43)	
PCB-160 (C129)											
359.8415	39:49	39:47	1	0.931	95607	16764	87	217	193		
361.8385	39:48	39:47	0	0.930	77106	12604	156	390	81	1.24(1.05-1.43)	
PCB-163 (C129)											
359.8415	39:49	39:47	1	0.931	95607	16764	87	217	193		
361.8385	39:48	39:47	0	0.930	77106	12604	156	390	81	1.24(1.05-1.43)	
PCB-158											
359.8415	40:11	40:10	0	0.939	10043	2371	87	217	27		
361.8385	40:13	40:10	2	0.940	9438	1820	156	390	12	1.06(1.05-1.43)	
PCB-128											
359.8415	41:03	41:00	2	0.959	19954	3284	87	217	38		
361.8385	41:05	41:00	3	0.960	15012	2372	156	390	15	1.33(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:03	41:00	2	0.959	19954	3284	87	217	38		
361.8385	41:05	41:00	3	0.960	15012	2372	156	390	15	1.33(1.05-1.43)	
PCB-159											
359.8415	42:03	42:01	1	0.983	30127	6249	87	217	72		
361.8385	42:02	42:01	0	0.982	25489	4355	156	390	28	1.18(1.05-1.43)	
PCB-162											
359.8415	42:18						87	217			
361.8385	42:18						156	390			
PCB-167											
359.8415	42:46						87	217			
361.8385	42:46						156	390			
PCB-156											
359.8415	43:58	43:55	2	1.001	12579	1909	87	217	22		
361.8385	43:56	43:55	-1	1.000	10155	1639	156	390	11	1.24(1.05-1.43)	
PCB-157 (C156)											
359.8415	43:58	43:55	2	1.001	12579	1909	87	217	22		
361.8385	43:56	43:55	-1	1.000	10155	1639	156	390	11	1.24(1.05-1.43)	
PCB-169											
359.8415	47:10						87	217			
361.8385	47:10						156	390			
PCB-188L											
405.8428	37:11	37:10	1	0.820	2199943	424766	27	67	15732		
407.8398	37:11	37:10	1	0.820	2032551	395279	51	127	7751	1.08(0.89-1.21)	
PCB-178L											
405.8428	40:14						27	67			
407.8398	40:14						51	127			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-180L											
405.8428	45:20	45:18	2		1445122	272568	27	67	10095		
407.8398	45:20	45:18	2		1358641	252306	51	127	4947	1.06(0.89-1.21)	
PCB-170L											
405.8428	46:35	46:34	1	1.028	1255592	231626	27	67	8579		
407.8398	46:35	46:34	1	1.028	1150213	211134	51	127	4140	1.09(0.89-1.21)	
PCB-189L											
405.8428	49:42	49:41	2	1.096	3024626	540889	1759	4397	307		
407.8398	49:42	49:41	2	1.096	2849829	515707	1391	3477	371	1.06(0.89-1.21)	
PCB-188											
393.8025	37:11						45	112			
395.7995	37:11						52	130			
PCB-179											
393.8025	37:32						45	112			
395.7995	37:32						52	130			
PCB-184											
393.8025	38:04	38:02	1	1.024	9311452	1773850	45	112	39419		
395.7995	38:04	38:02	1	1.024	8933918	1704280	52	130	32775	1.04(0.89-1.21)	
PCB-176											
393.8025	38:24						45	112			
395.7995	38:24						52	130			
PCB-186											
393.8025	38:51						45	112			
395.7995	38:51						52	130			
PCB-178											
393.8025	40:15						45	112			
395.7995	40:15						52	130			
PCB-175											
393.8025	40:52						45	112			
395.7995	40:52						52	130			
PCB-187											
393.8025	41:08						45	112			
395.7995	41:08						52	130			
PCB-182											
393.8025	41:20						45	112			
395.7995	41:20						52	130			
PCB-183											
393.8025	41:45						45	112			
395.7995	41:45						52	130			
PCB-185 (C183)											
393.8025	41:45						45	112			
395.7995	41:45						52	130			
PCB-174											
393.8025	41:59						45	112			
395.7995	41:59						52	130			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-177											
393.8025	42:25						45	112			
395.7995	42:25						52	130			
PCB-181											
393.8025	42:48						45	112			
395.7995	42:48						52	130			
PCB-171											
393.8025	43:02						45	112			
395.7995	43:02						52	130			
PCB-173 (C171)											
393.8025	43:02						45	112			
395.7995	43:02						52	130			
PCB-172											
393.8025	44:41						45	112			
395.7995	44:41						52	130			
PCB-192											M
393.8025	44:59	44:58	1	0.905	26817317	5071058	45	112	112690		M
395.7995	44:59	44:58	1	0.905	25374254	4805953	52	130	92422	1.06(0.89-1.21)	M
PCB-180											M
393.8025	45:20	45:18	2	0.912	38685	7487	45	112	166		M
395.7995	45:20	45:18	2	0.912	36452	8411	52	130	162	1.06(0.89-1.21)	M
PCB-193 (C180)											M
393.8025	45:20	45:18	2	0.912	38685	7487	45	112	166		M
395.7995	45:20	45:18	2	0.912	36452	8411	52	130	162	1.06(0.89-1.21)	M
PCB-191											
393.8025	45:41						45	112			
395.7995	45:41						52	130			
PCB-170											
393.8025	46:35						45	112			
395.7995	46:35						52	130			
PCB-190											
393.8025	47:06						45	112			
395.7995	47:06						52	130			
PCB-189											
393.8025	49:42						132	330			
395.7995	49:42						154	385			
PCB-202L											
439.8038	42:34	42:32	2	0.821	1533142	285828	20	50	14291		
441.8008	42:34	42:32	2	0.821	1704184	317535	29	72	10949	0.90(0.76-1.02)	
PCB-194L											
439.8038	51:49	51:47	2		1884809	347563	1098	2745	317		
441.8008	51:49	51:47	2		2099506	384530	1039	2597	370	0.90(0.76-1.02)	
PCB-205L											
439.8038	52:17	52:15	2	1.009	2249964	403819	1098	2745	368		
441.8008	52:17	52:15	2	1.009	2533110	456293	1039	2597	439	0.89(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-202											
427.7635	42:33						33	82			
429.7606	42:33						42	105			
PCB-201											
427.7635	43:29						33	82			
429.7606	43:29						42	105			
PCB-204											
427.7635	44:11	44:09	2	1.038	11853724	2252433	33	82	68256		
429.7606	44:11	44:09	2	1.038	13037967	2481615	42	105	59086	0.91(0.76-1.02)	
PCB-197											M
427.7635	44:24	44:23	1	1.043	103901	17597	33	82	533		M
429.7606	44:24	44:23	1	1.043	118869	18643	42	105	444	0.87(0.76-1.02)	M
PCB-200											M
427.7635	44:30	44:29	1	1.046	10460	2964	33	82	90		M
429.7606	44:32	44:29	2	1.046	10839	2875	42	105	68	0.97(0.76-1.02)	M
PCB-198											
427.7635	47:17						33	82			
429.7606	47:17						42	105			
PCB-199 (C198)											
427.7635	47:17						33	82			
429.7606	47:17						42	105			
PCB-196											
427.7635	47:57						33	82			
429.7606	47:57						42	105			
PCB-203											
427.7635	48:08						33	82			
429.7606	48:08						42	105			
PCB-195											
427.7635	49:28						53	132			
429.7606	49:28						41	102			
PCB-194											
427.7635	51:48						53	132			
429.7606	51:48						41	102			
PCB-205											M
427.7635	52:19	52:17	2	1.000	4421	901	53	132	17		M
429.7606	52:20	52:17	2	1.001	4416	977	41	102	24	1.00(0.76-1.02)	
PCB-208L											
473.7648	49:15	49:13	2	0.950	1926900	354877	1360	3400	261		
475.7619	49:14	49:13	1	0.950	2401819	443425	1306	3265	340	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:02	54:00	2	1.043	1339737	241548	1360	3400	178		
475.7619	54:02	54:00	2	1.043	1678235	301770	1306	3265	231	0.80(0.65-0.89)	
PCB-208											
461.7246	49:15						98	245			
463.7216	49:15						164	410			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-207											
461.7246	50:11	50:09	2	1.019	57575	10815	98	245	110		
463.7216	50:11	50:09	1	1.019	71064	12212	164	410	74	0.81(0.65-0.89)	
PCB-206											
461.7246	54:04						98	245			
463.7216	54:04						164	410			
PCB-209L											
507.7258	55:40	55:39	1	1.075	1365752	231865	48	120	4831		
509.7229	55:40	55:39	1	1.075	1906133	331406	44	110	7532	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											Ma
495.6856	55:44	55:44	3	1.001	45123	7058	12	30	588		M
497.6826	55:42	55:44	1	1.000	74760	13246	45	112	294	0.60(0.59-0.79)	a

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

n - Failed Sig-To-Noise Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

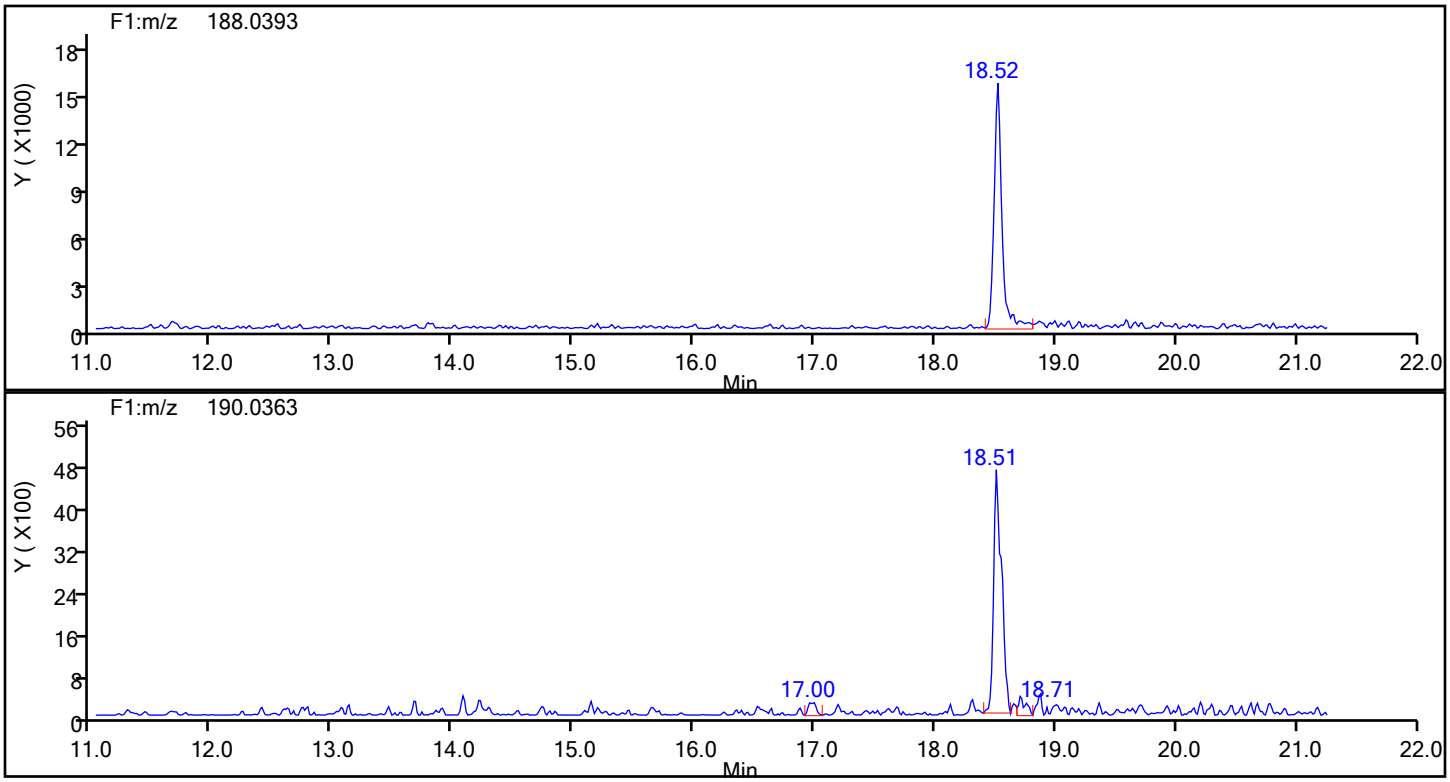
Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

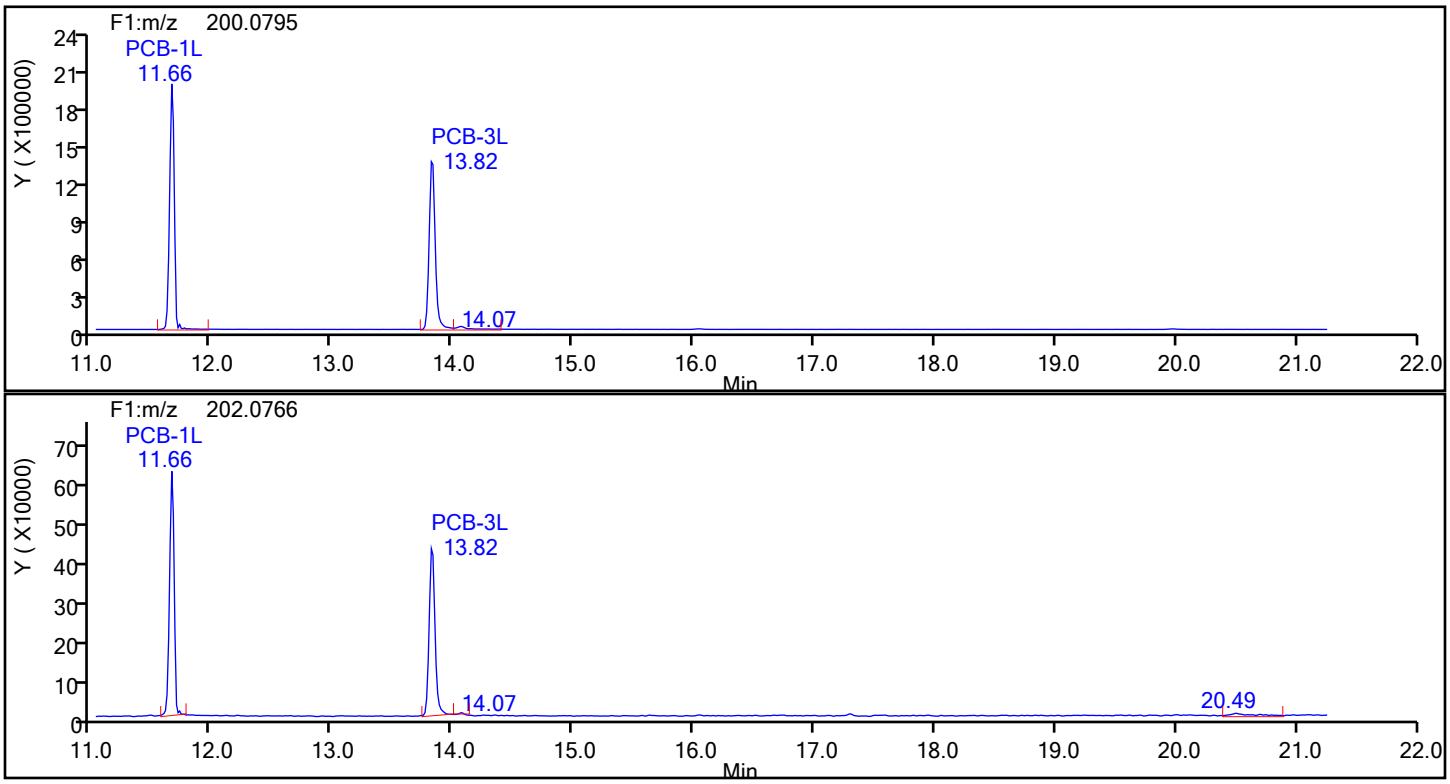
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

MoPCB F1



MoPCB F1 Standards

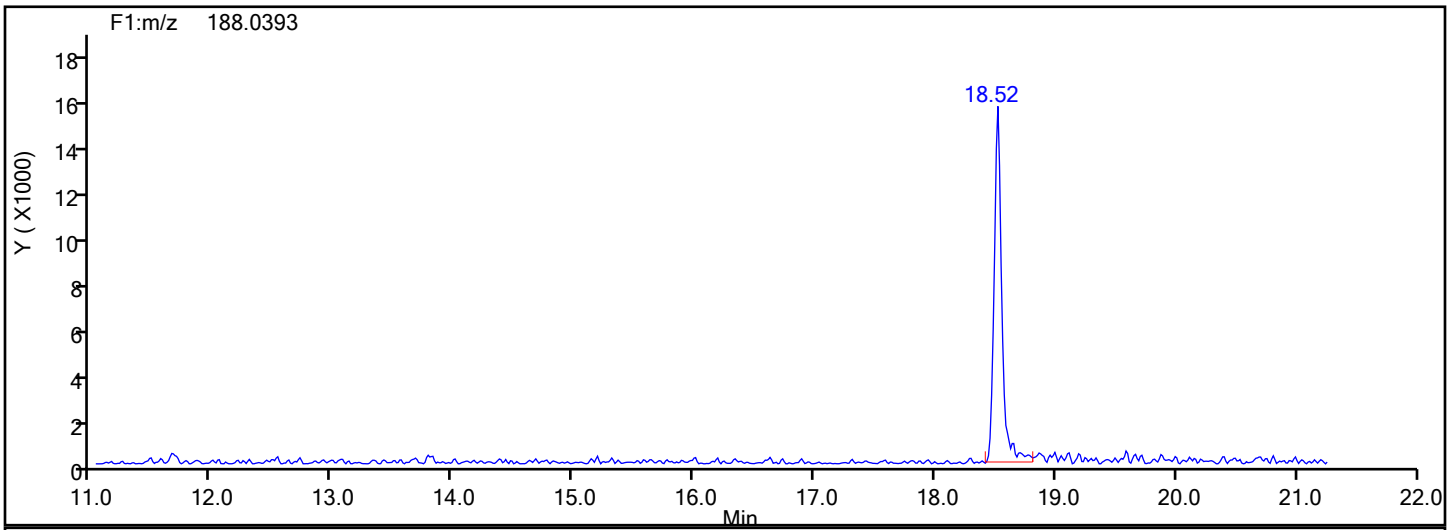


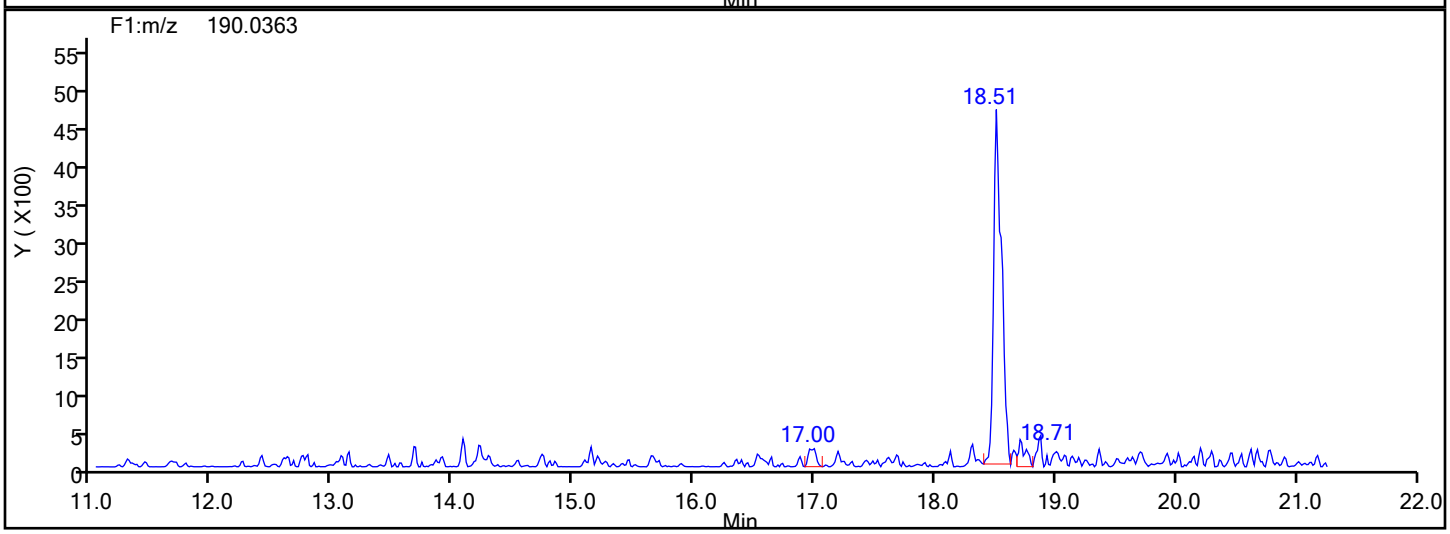
Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

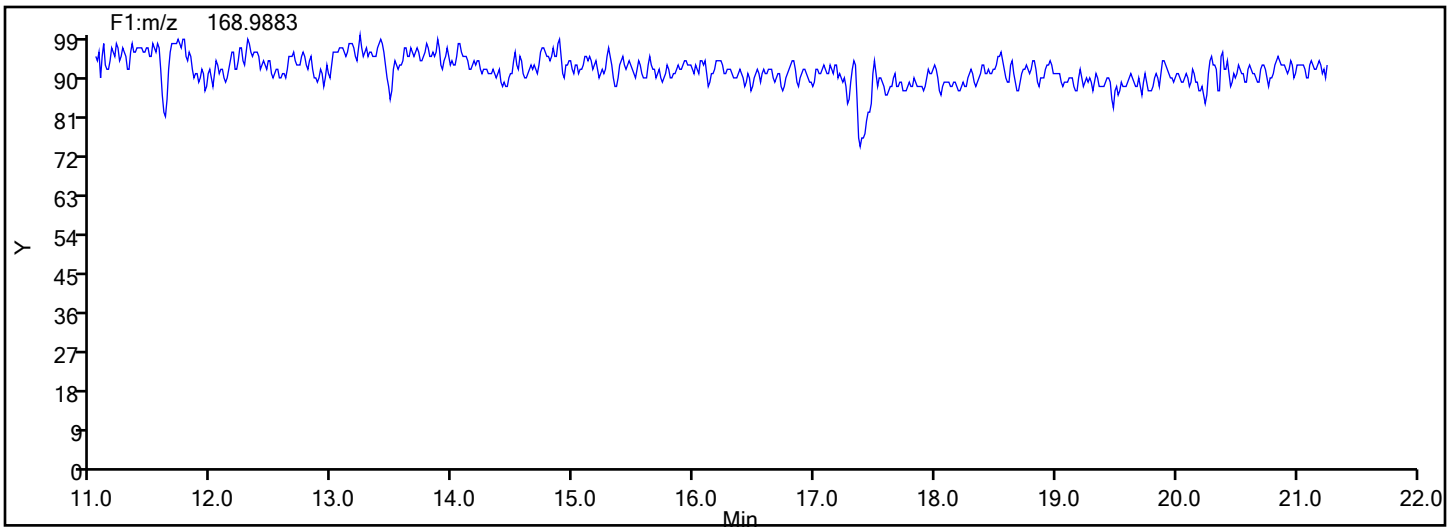
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass

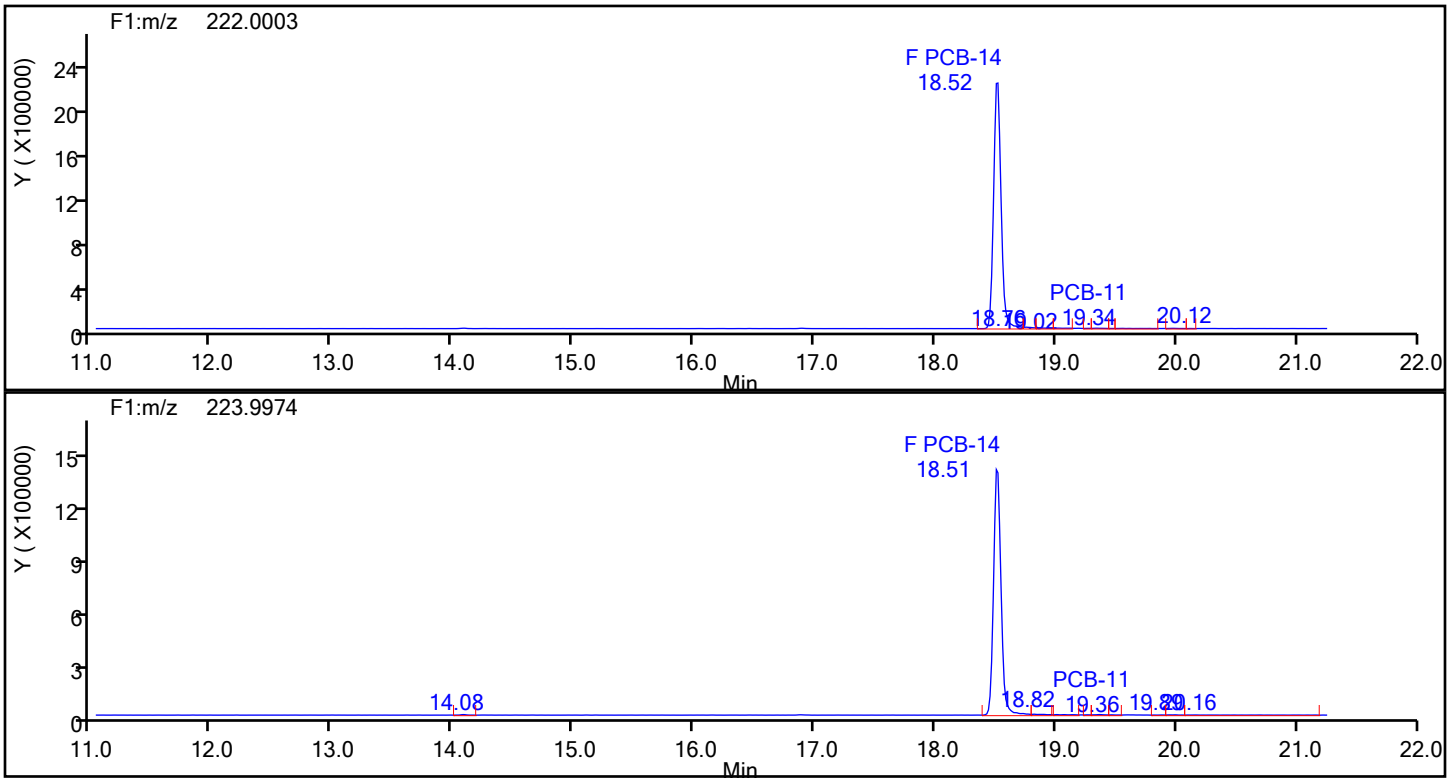


Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

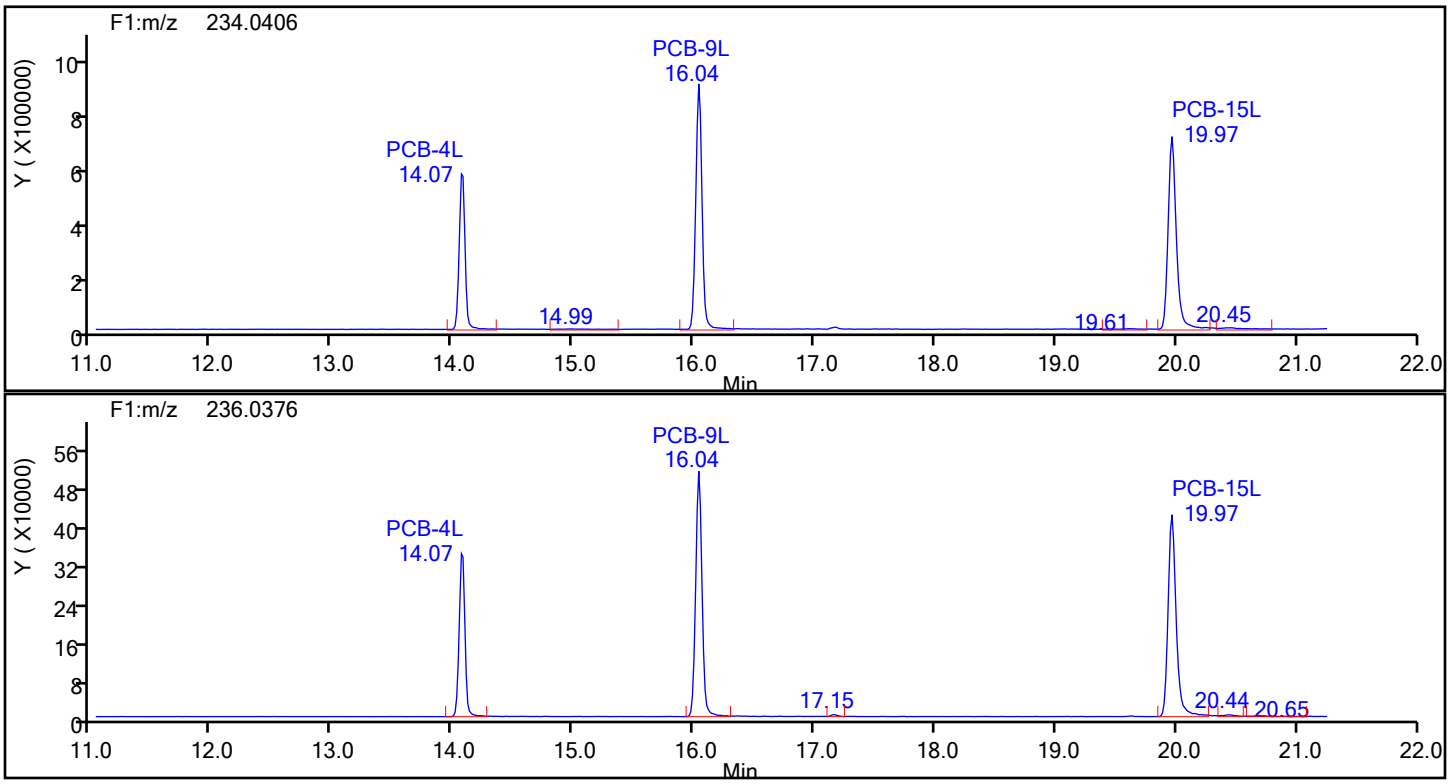
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d
Injection Date: 04-Jan-2024 15:02:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02
Worklist#: 82009 Sample Line#: 7
Column Type: Column Dia:

DiPCB F1



DiPCB F1 Standards

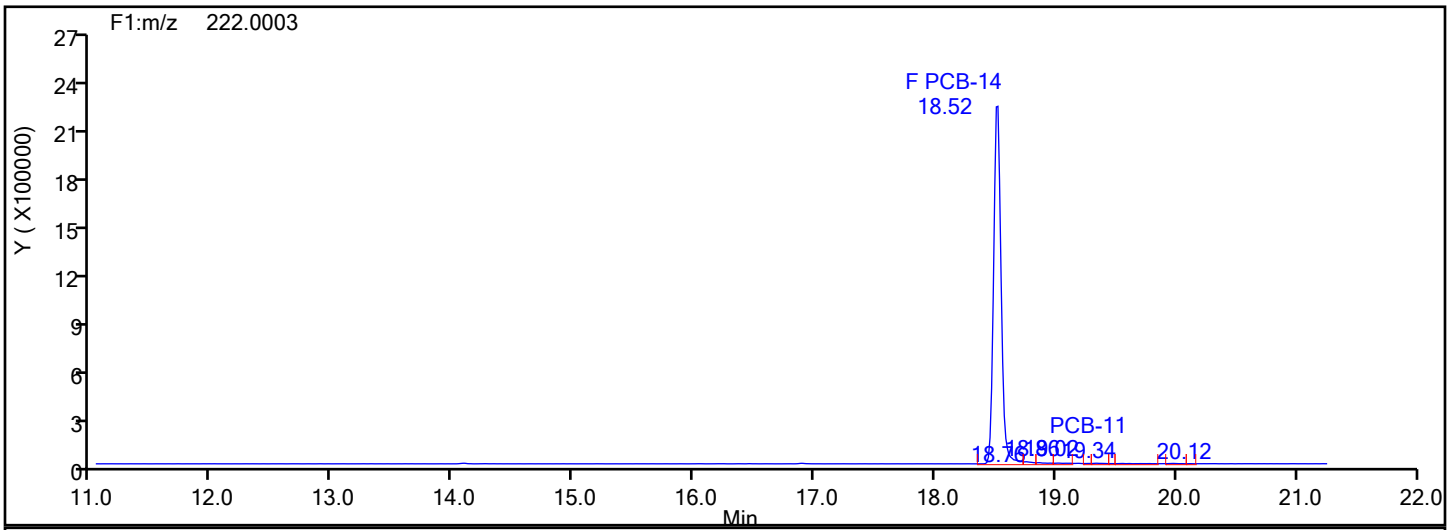


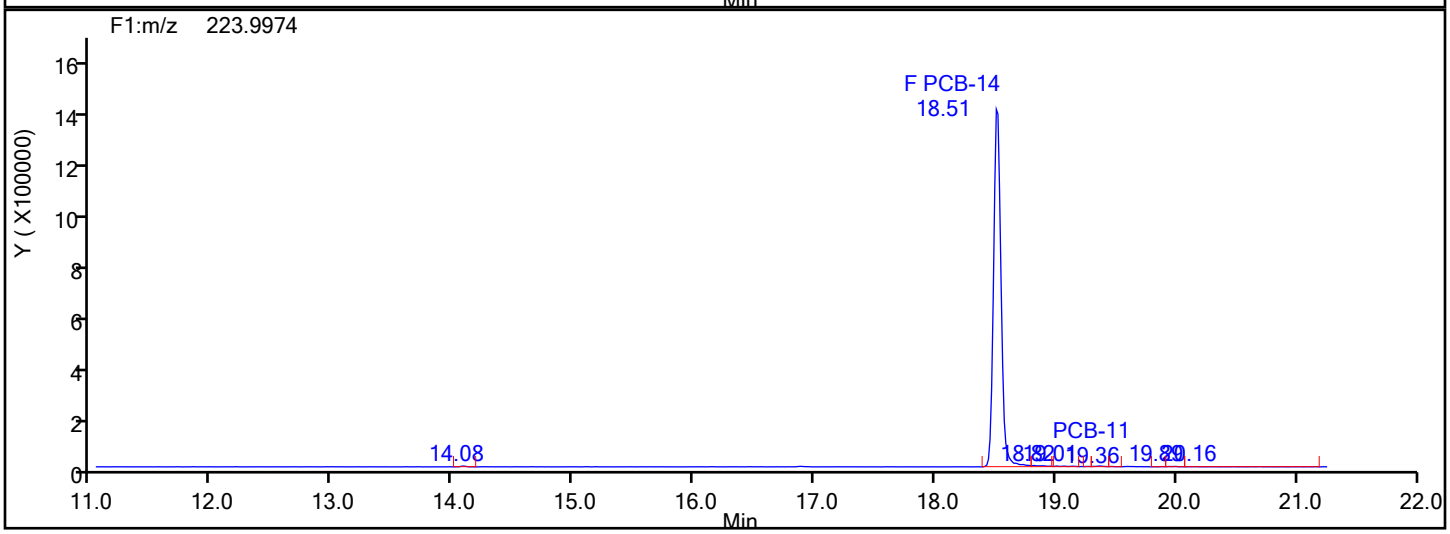
Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

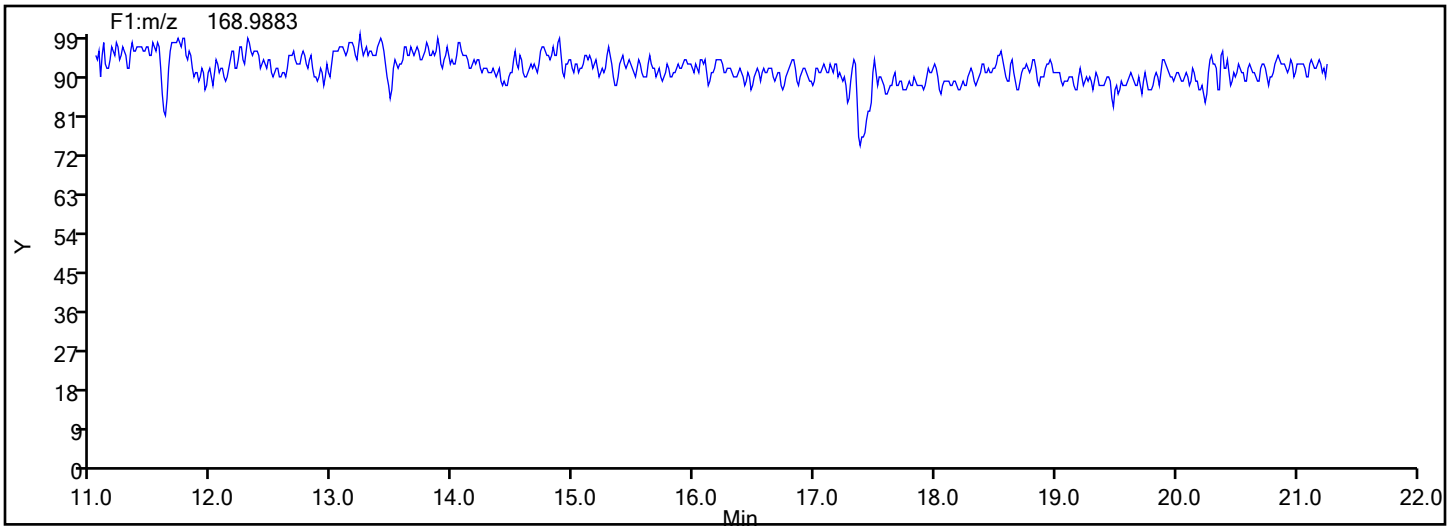
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

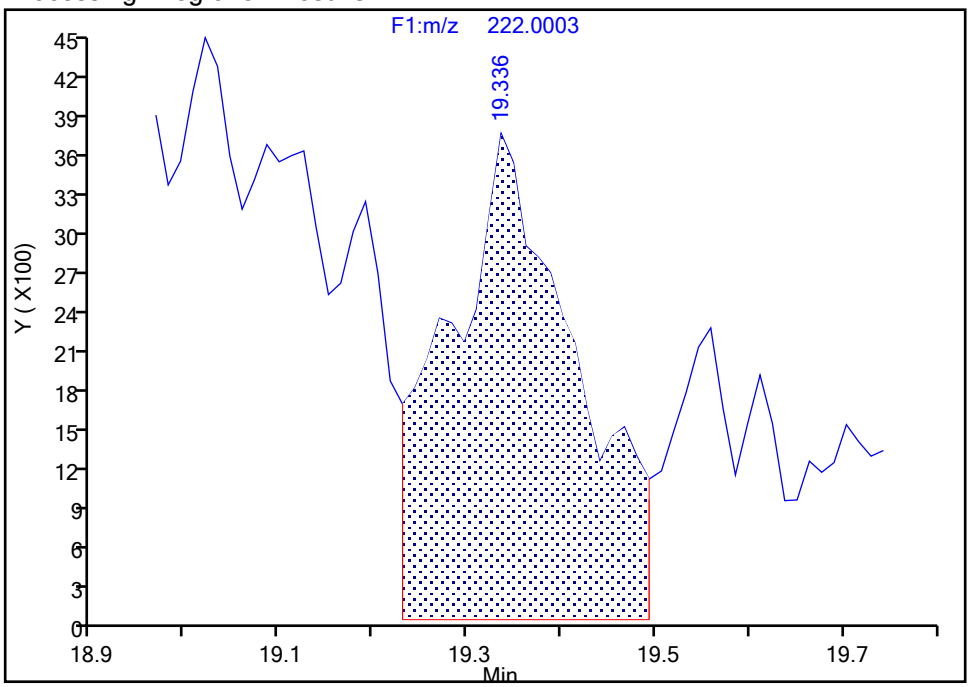
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 1

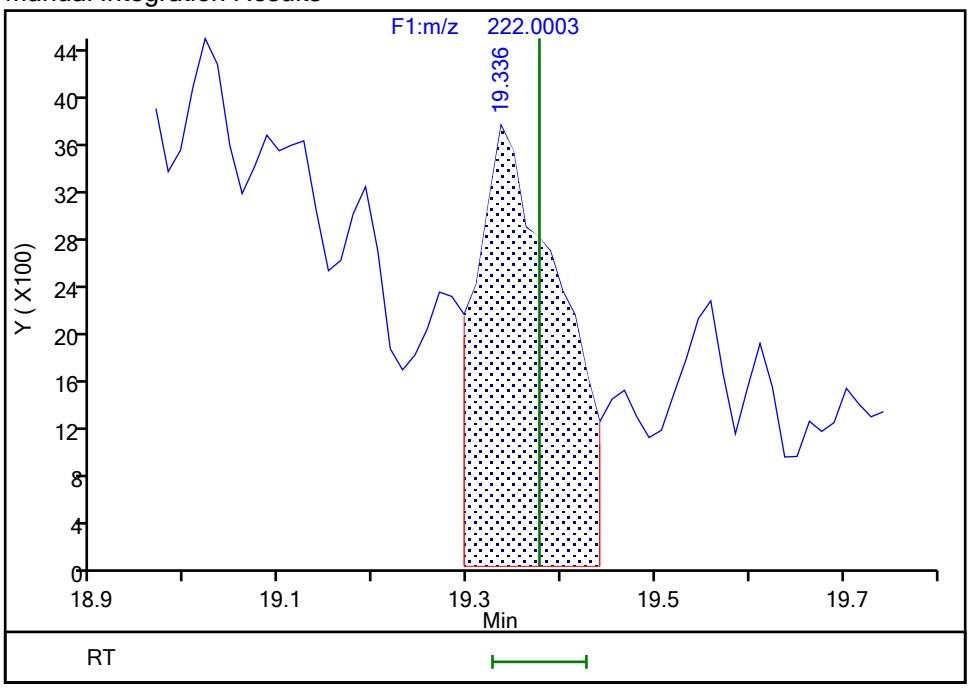
Processing Integration Results

RT: 19.34
Area: 34733
Amount: 1.050066
Amount Units: pg/ul



Manual Integration Results

RT: 19.34
Area: 22532
Amount: 0.659343
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:02:27 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

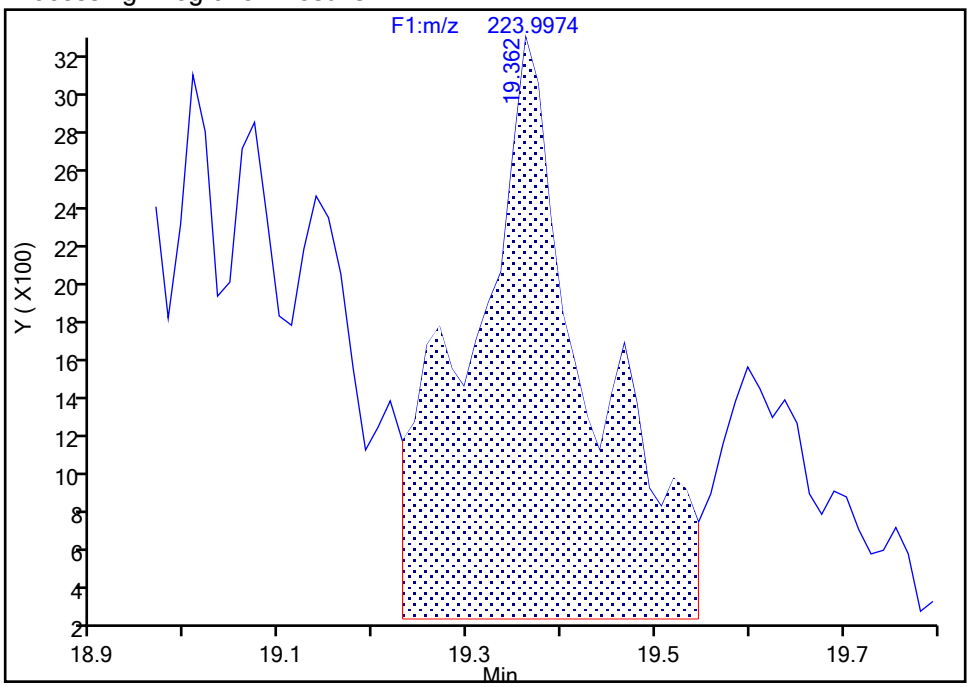
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 2

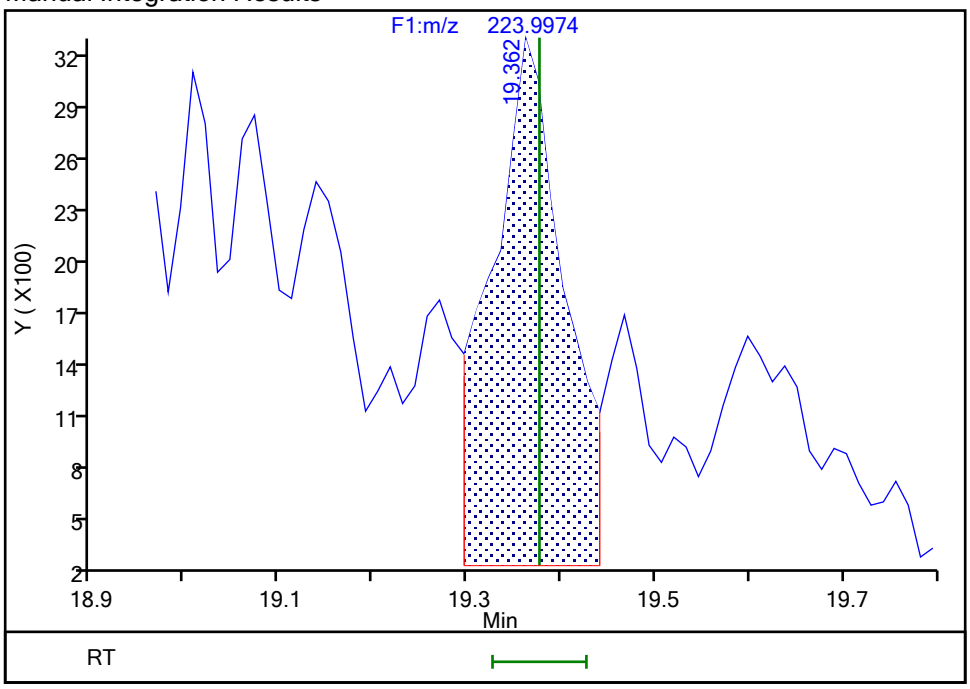
Processing Integration Results

RT: 19.36
Area: 26644
Amount: 1.050066
Amount Units: pg/ul



Manual Integration Results

RT: 19.36
Area: 16007
Amount: 0.659343
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:02:29 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

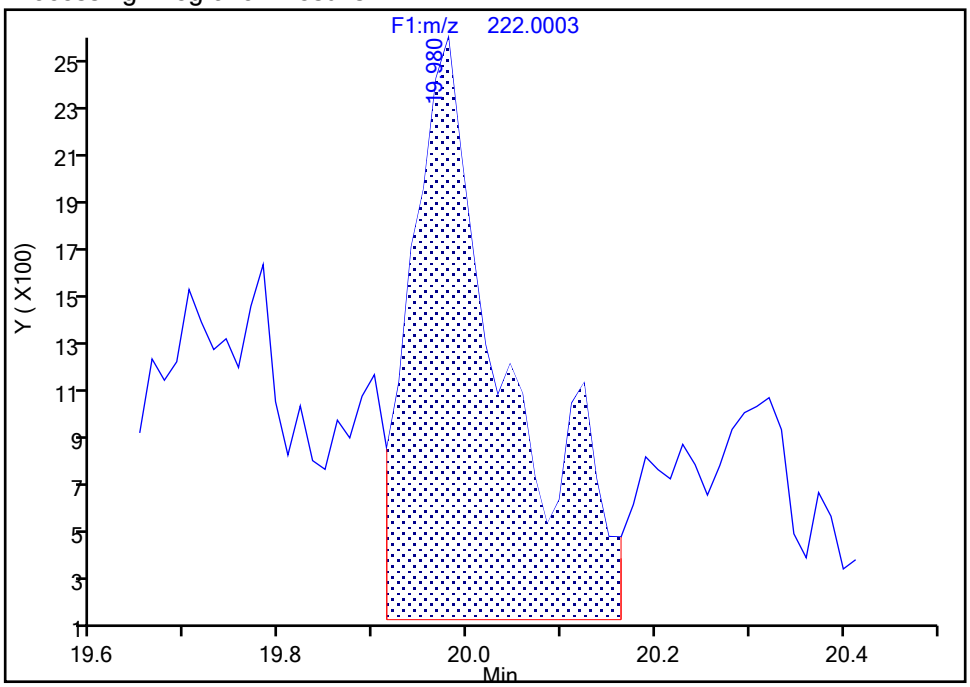
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-15, CAS: 2050-68-2

Signal: 1

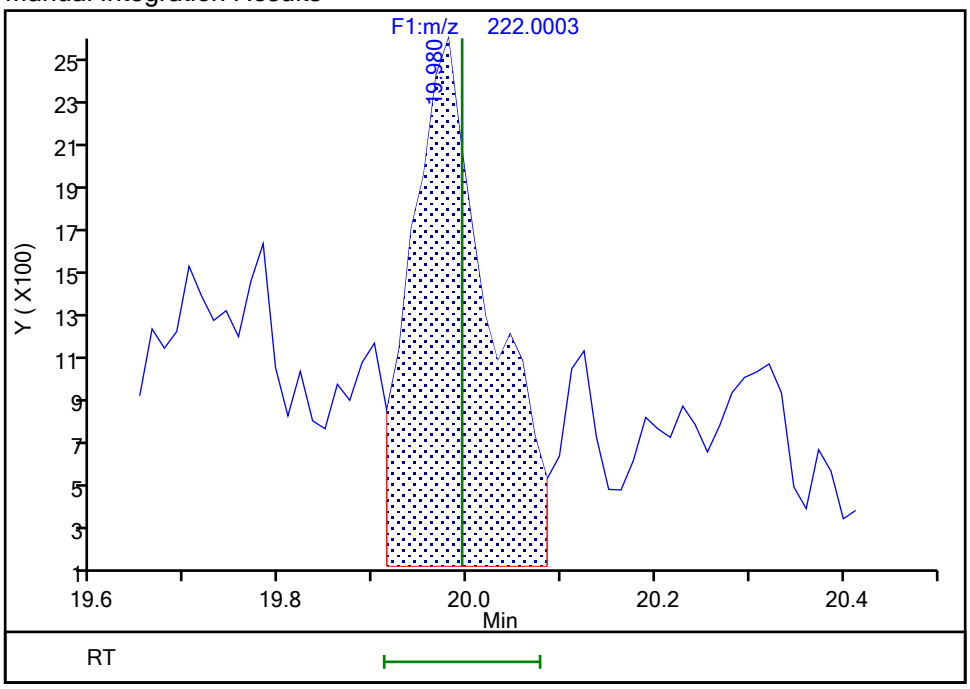
Processing Integration Results

RT: 19.98
Area: 16281
Amount: 0.466739
Amount Units: pg/ul



Manual Integration Results

RT: 19.98
Area: 13472
Amount: 0.367311
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:02:34 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

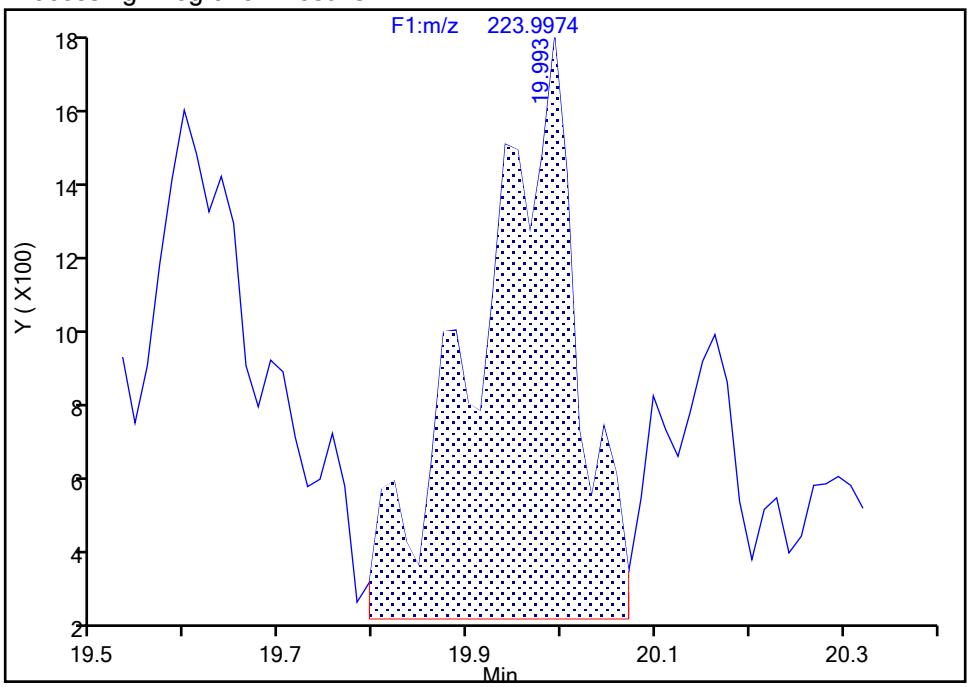
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-15, CAS: 2050-68-2

Signal: 2

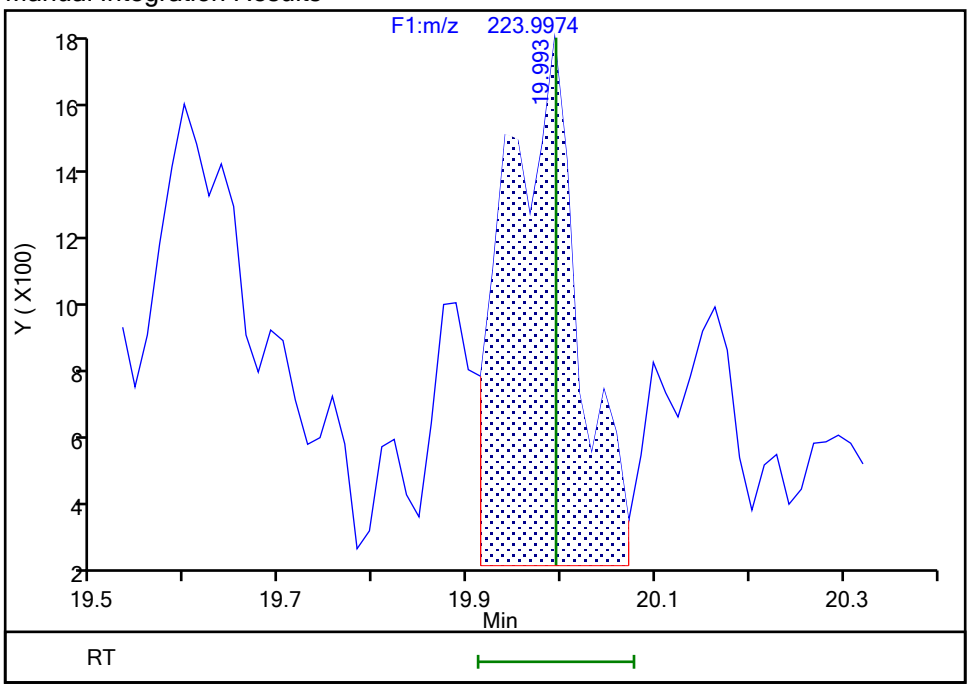
Processing Integration Results

RT: 19.99
Area: 11016
Amount: 0.466739
Amount Units: pg/ul



Manual Integration Results

RT: 19.99
Area: 8010
Amount: 0.367311
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:02:37 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

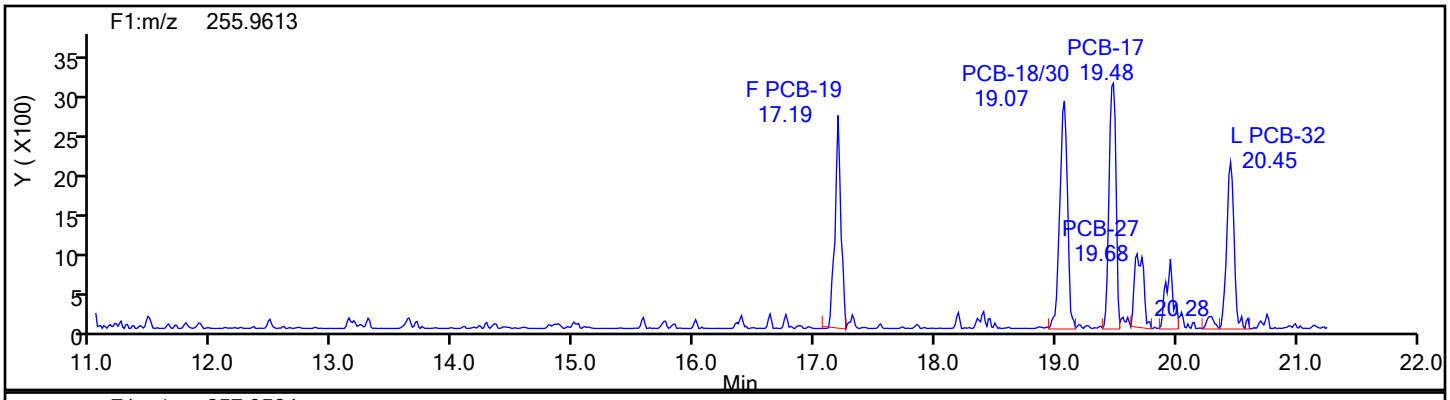
Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

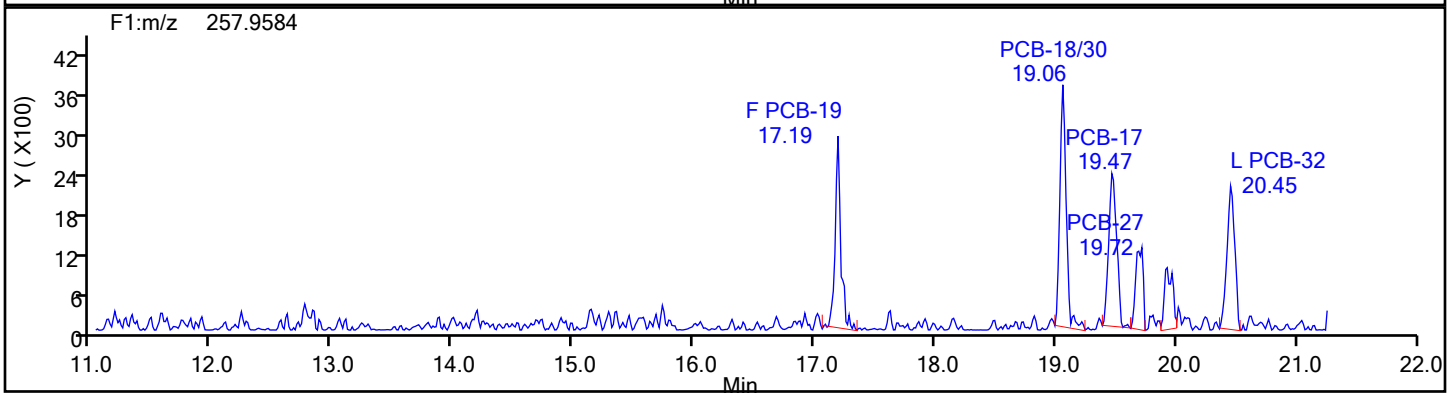
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

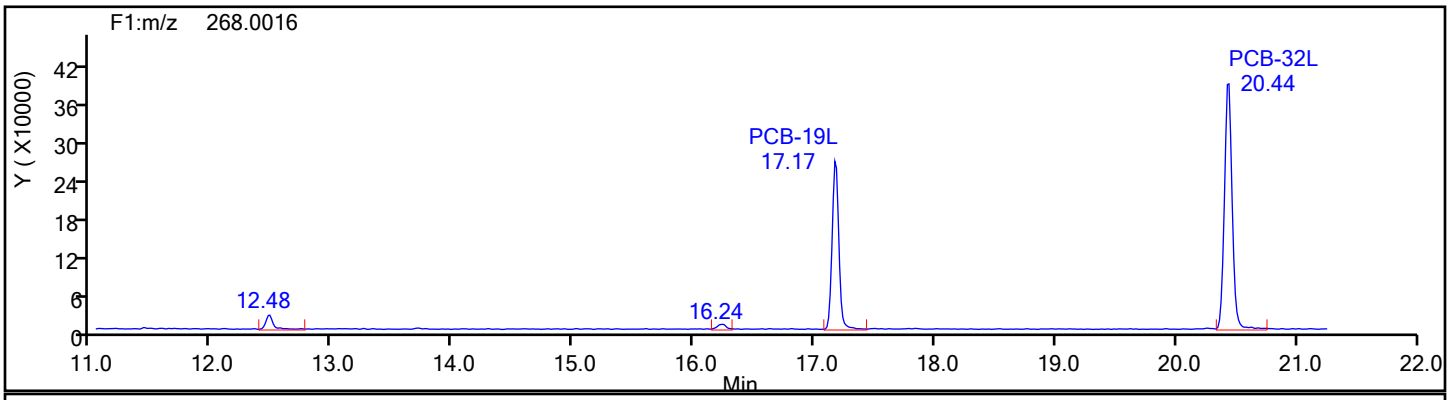
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

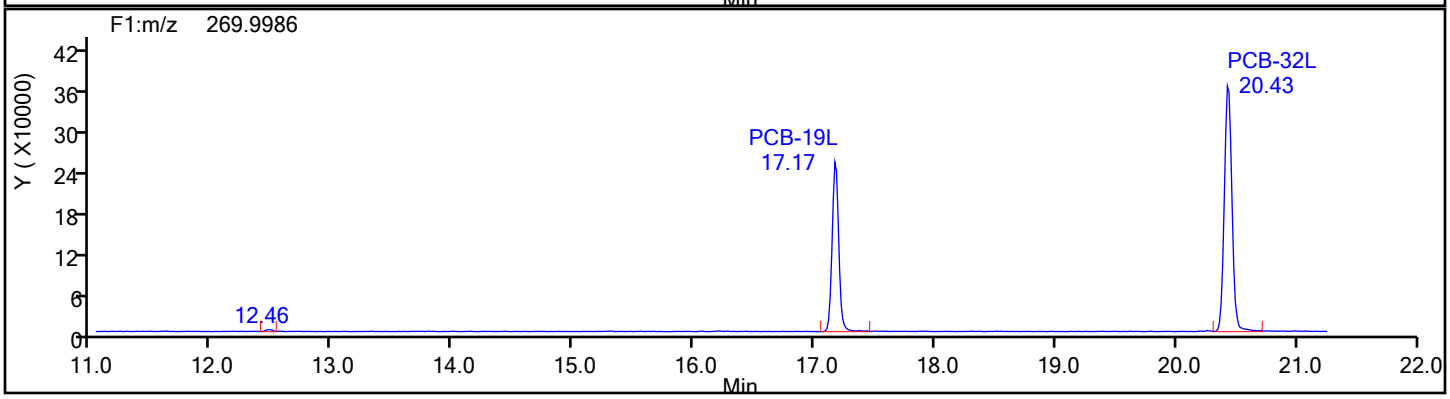
TriPCB F1





TriPCB F1 Standards



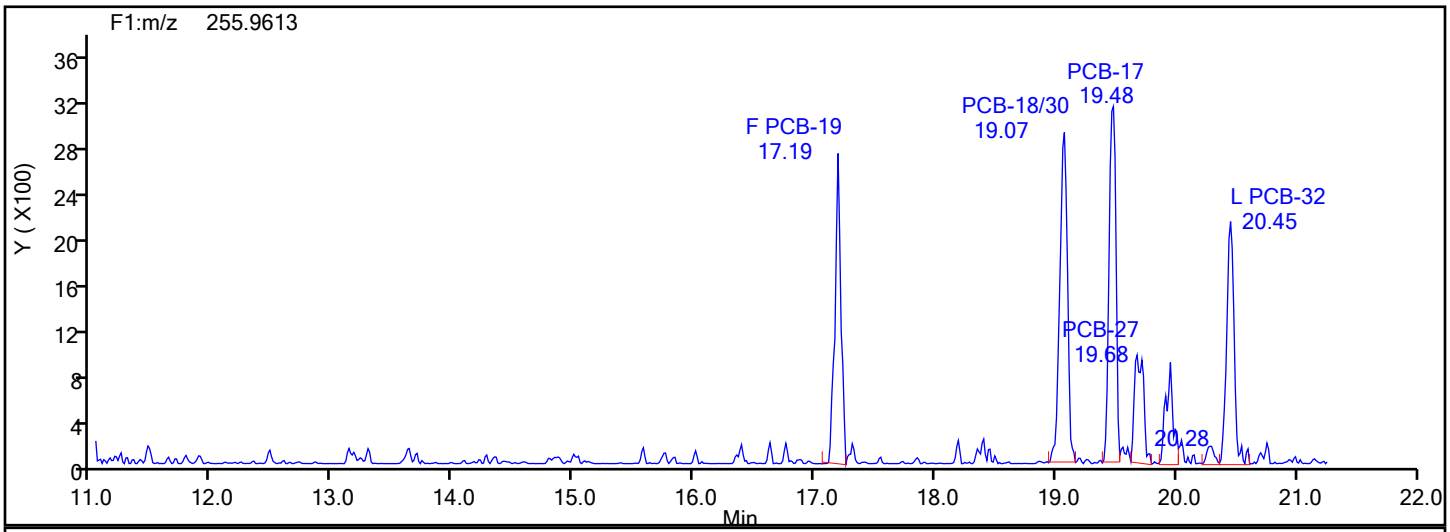


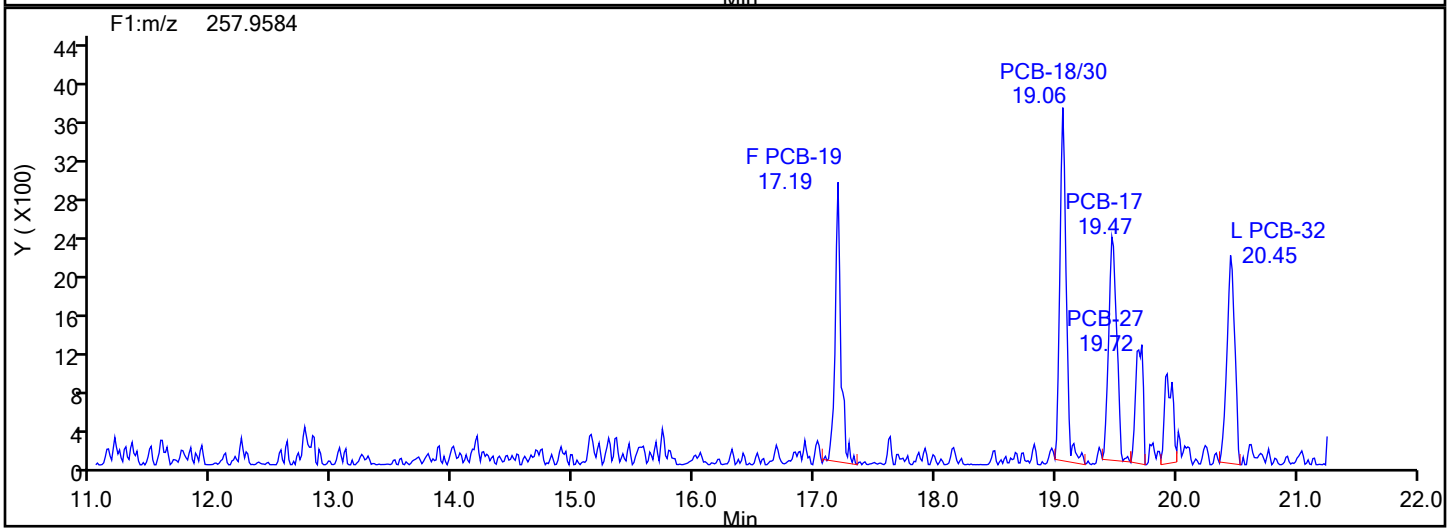
Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

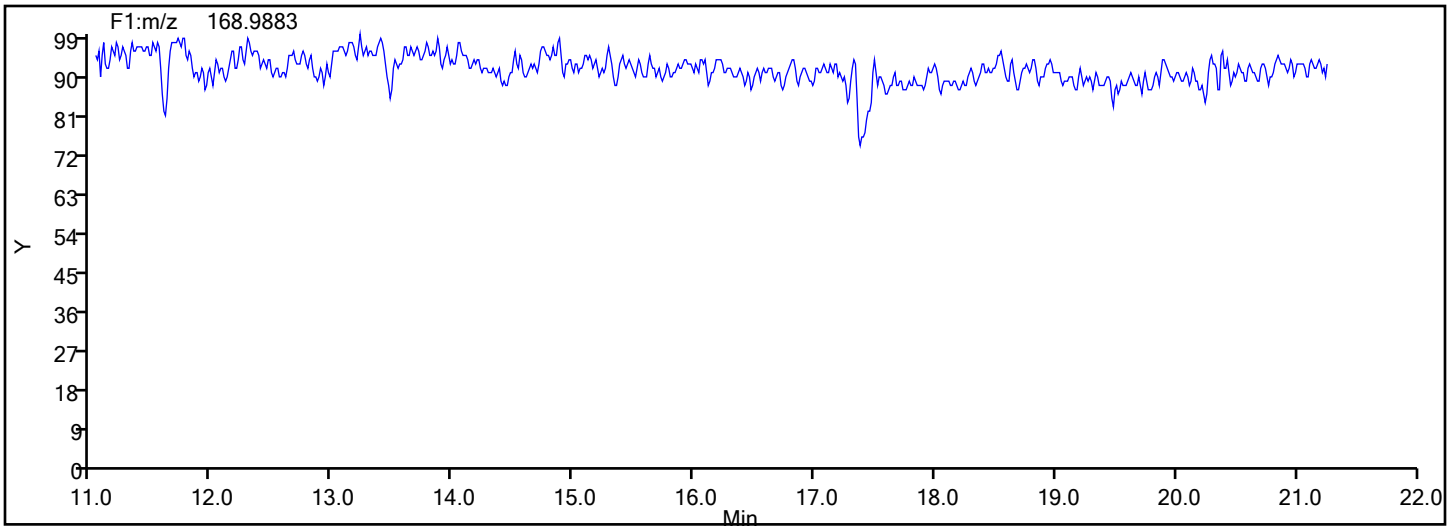
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d
Injection Date: 04-Jan-2024 15:02:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02
Worklist#: 82009 Sample Line#: 7
Column Type: Column Dia:

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

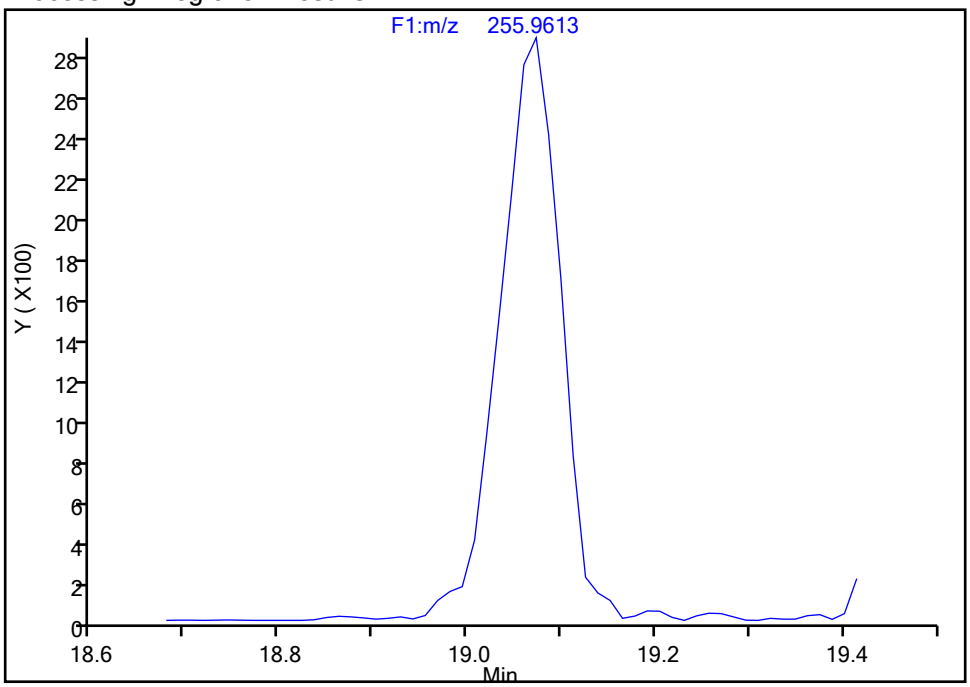
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-18/30, CAS: STL01798

Signal: 1

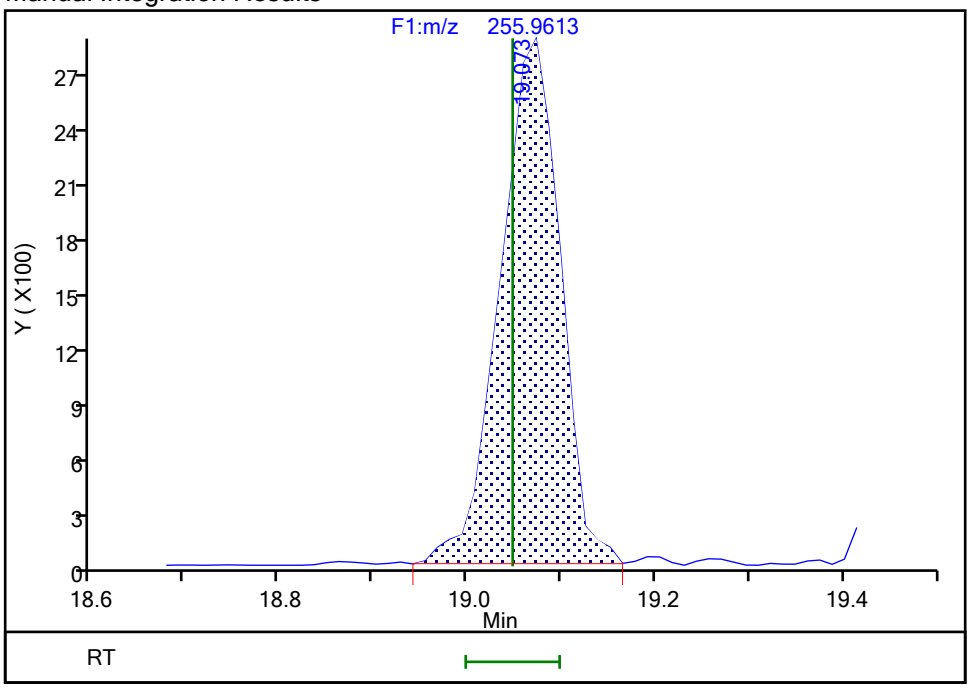
Not Detected
Expected RT: 19.05

Processing Integration Results



Manual Integration Results

RT: 19.07
Area: 12626
Amount: 0.725414
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:02:50 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Eurofins Knoxville

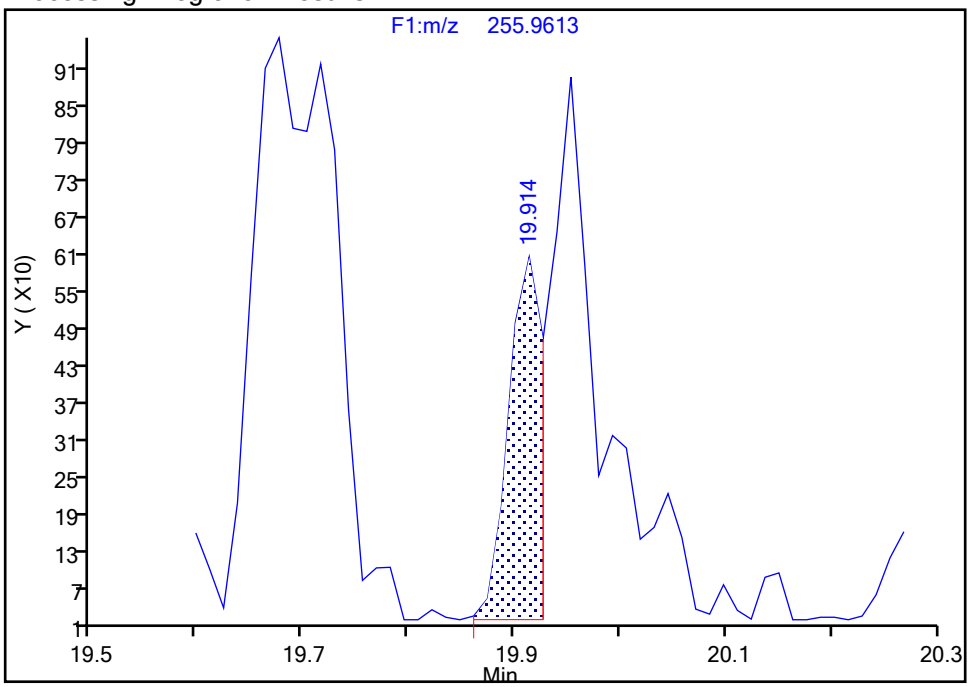
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-16, CAS: 38444-78-9

Signal: 1

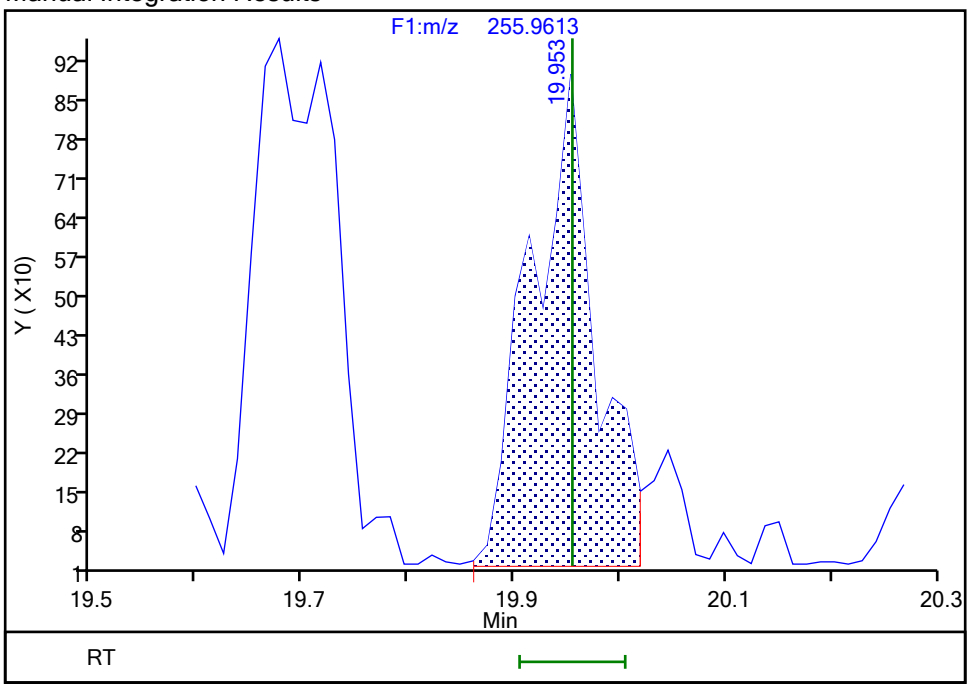
Processing Integration Results

RT: 19.91
Area: 1186
Amount: 0.255317
Amount Units: pg/ul



Manual Integration Results

RT: 19.95
Area: 3685
Amount: 0.339544
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:03:06 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

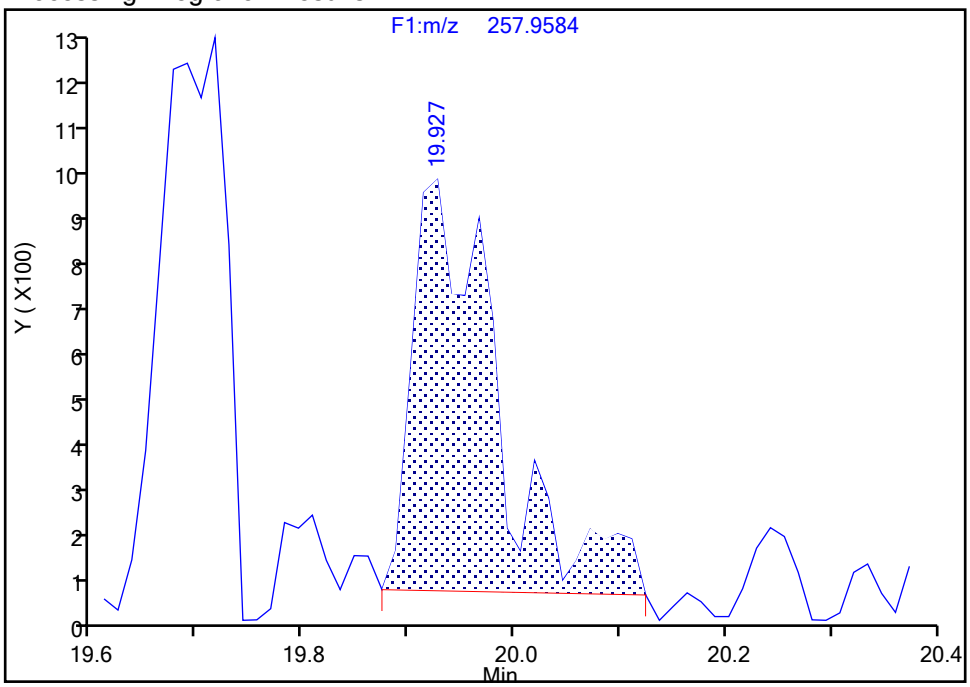
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-16, CAS: 38444-78-9

Signal: 2

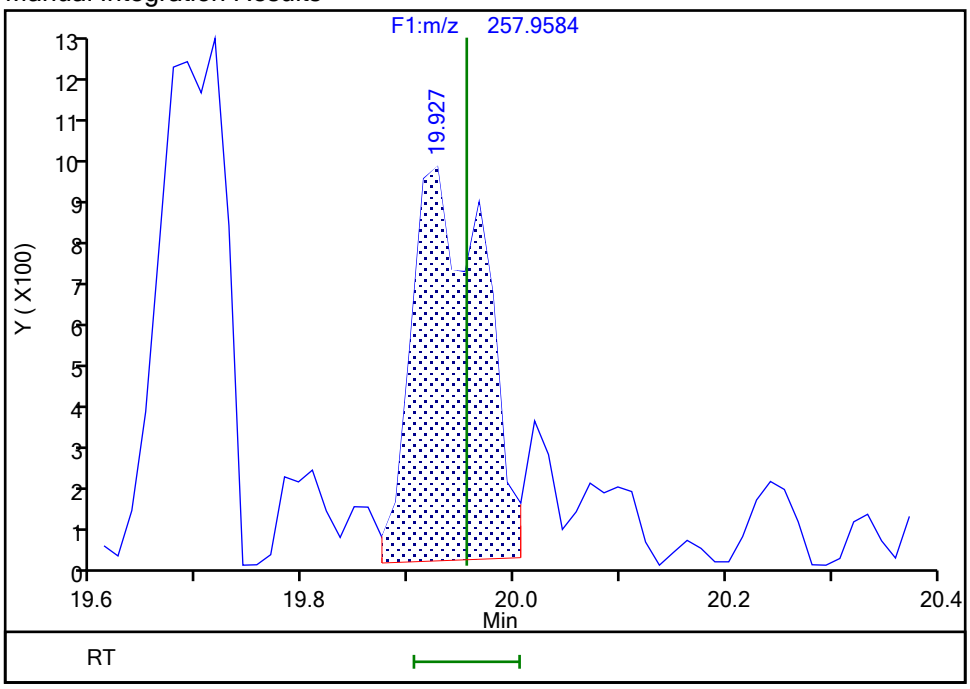
Processing Integration Results

RT: 19.93
Area: 4916
Amount: 0.255317
Amount Units: pg/ul



Manual Integration Results

RT: 19.93
Area: 4430
Amount: 0.339544
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:03:19 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

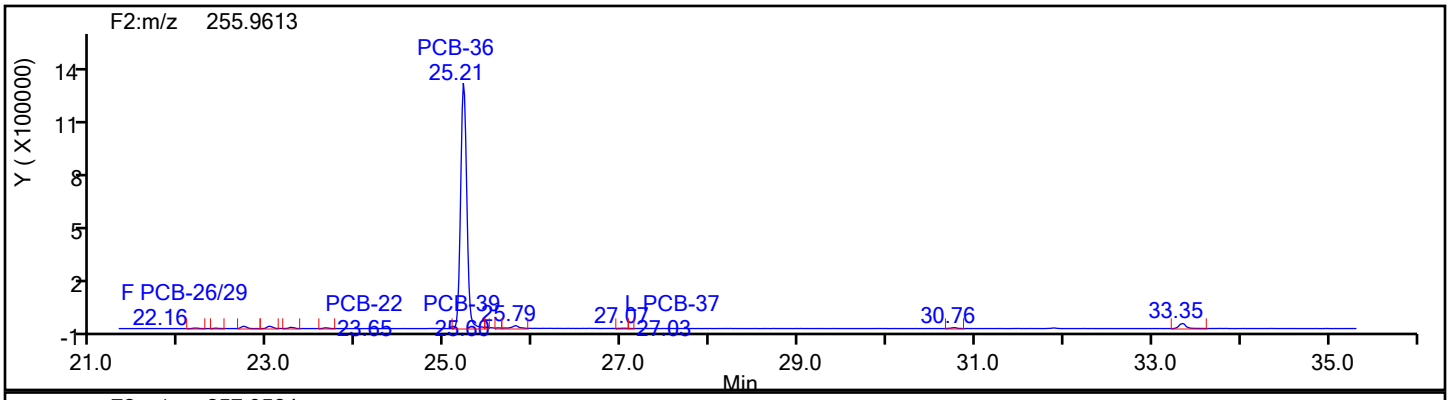
Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

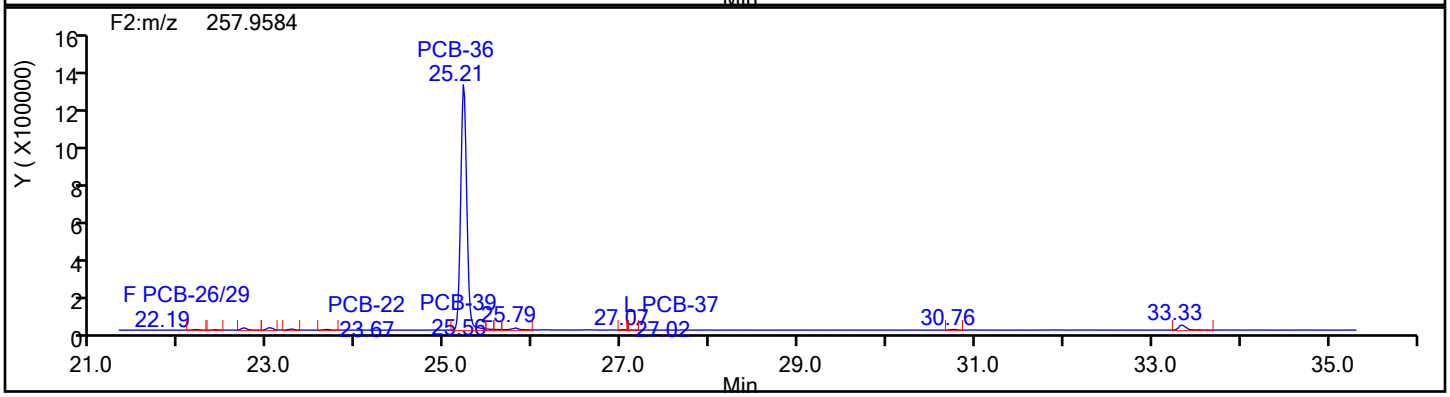
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

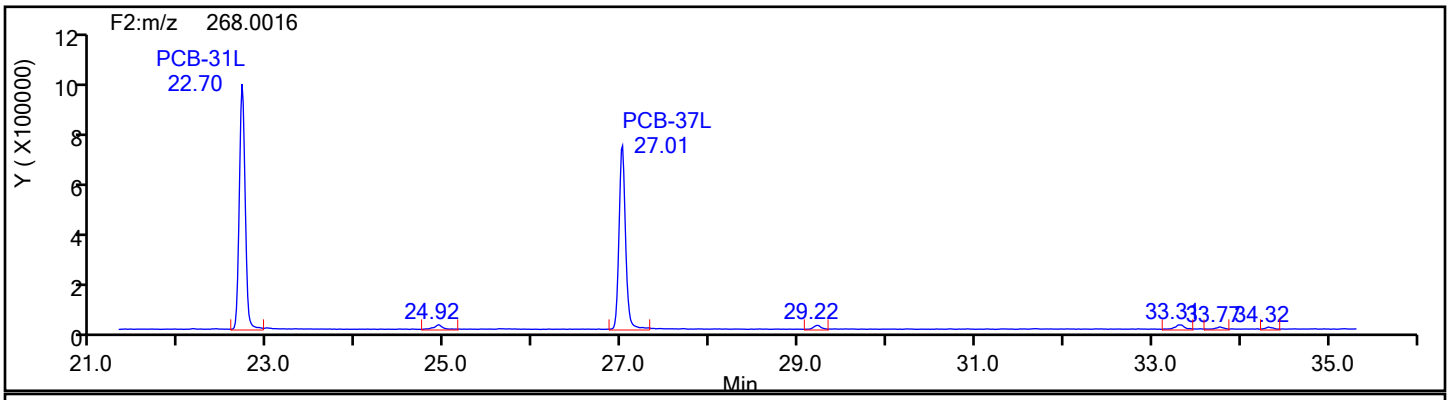
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

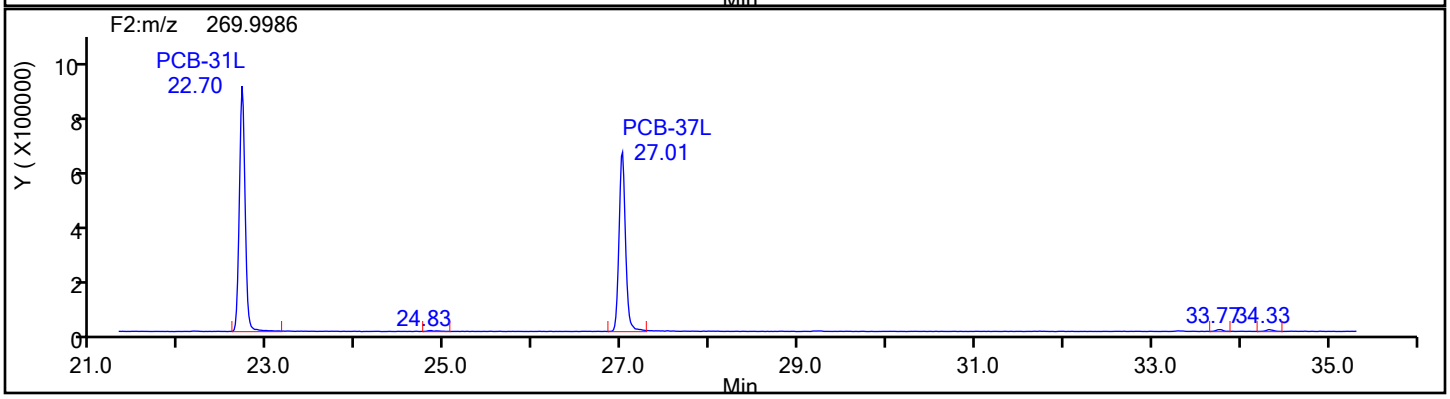
TriPCB F2





TriPCB F2 Standards



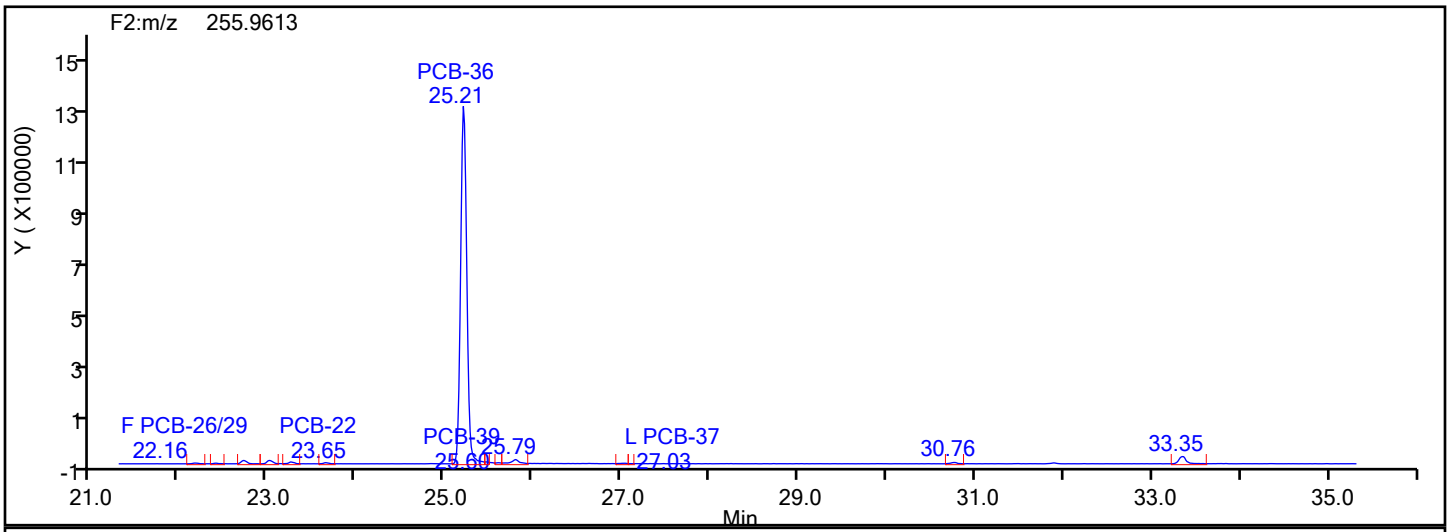


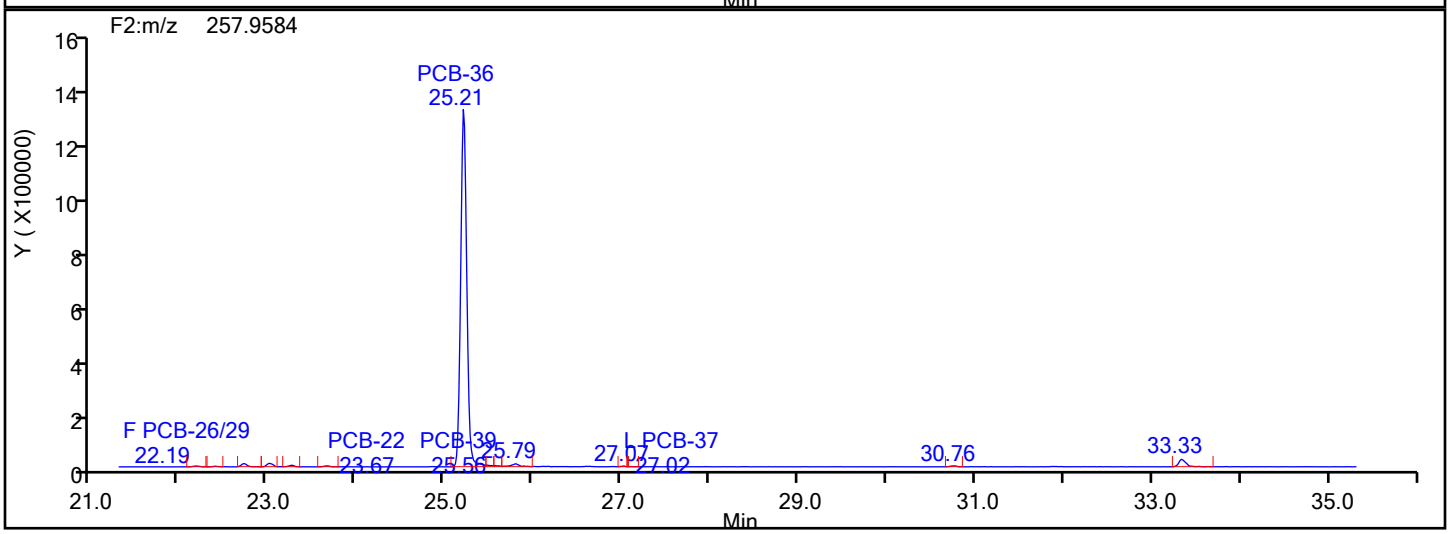
Report Date: 04-Jan-2024 22:55:28 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

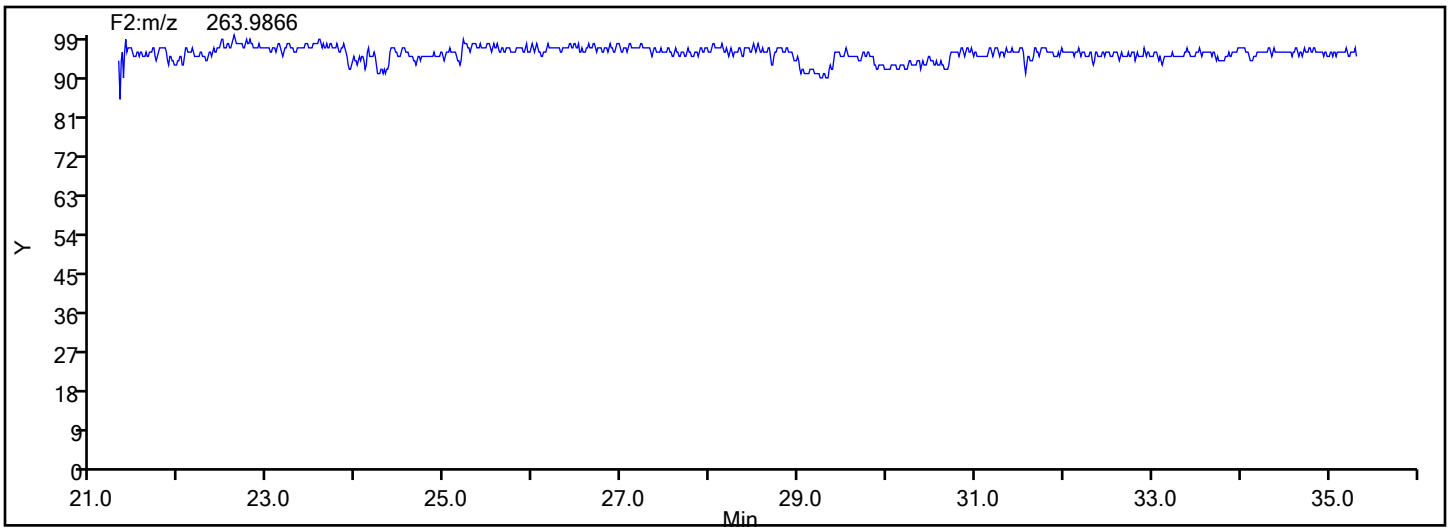
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Eurofins Knoxville

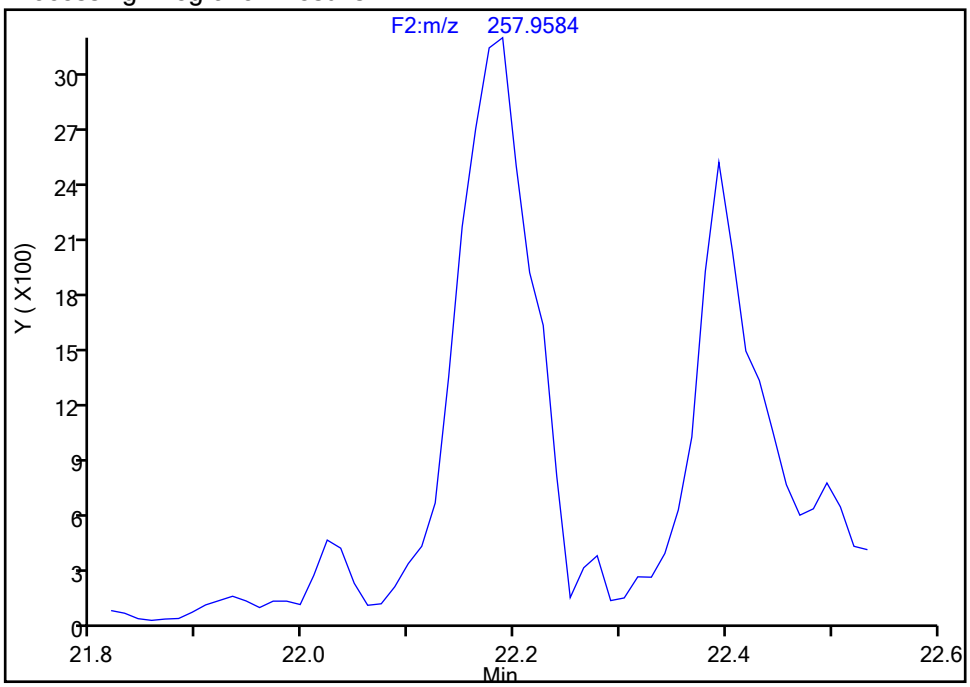
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-26/29, CAS: STL01801

Signal: 2

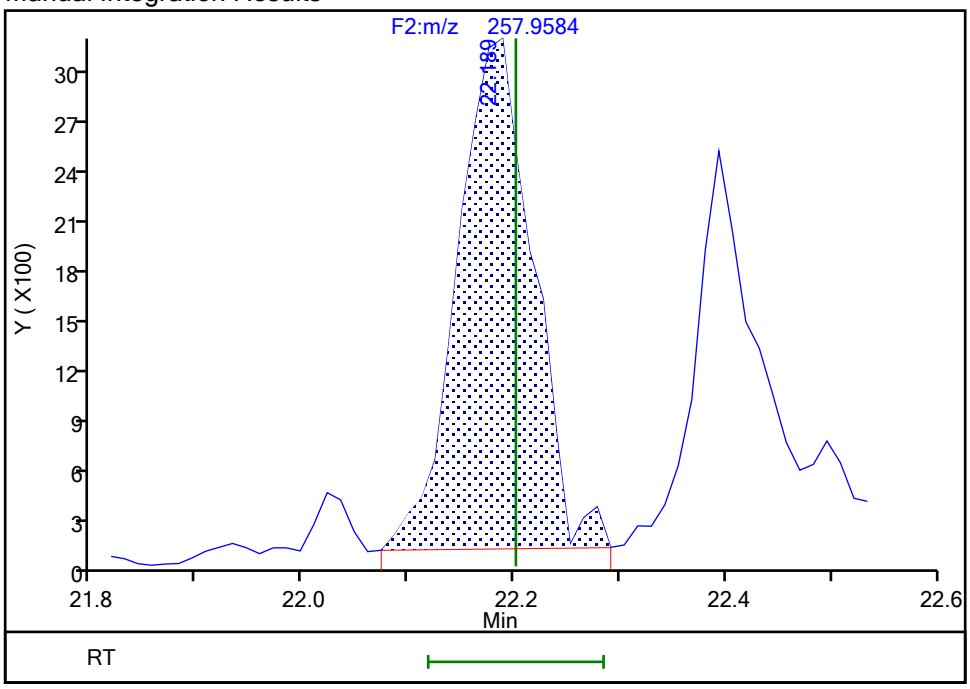
Not Detected
Expected RT: 22.20

Processing Integration Results



Manual Integration Results

RT: 22.19
Area: 14874
Amount: 0.418505
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:03:43 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

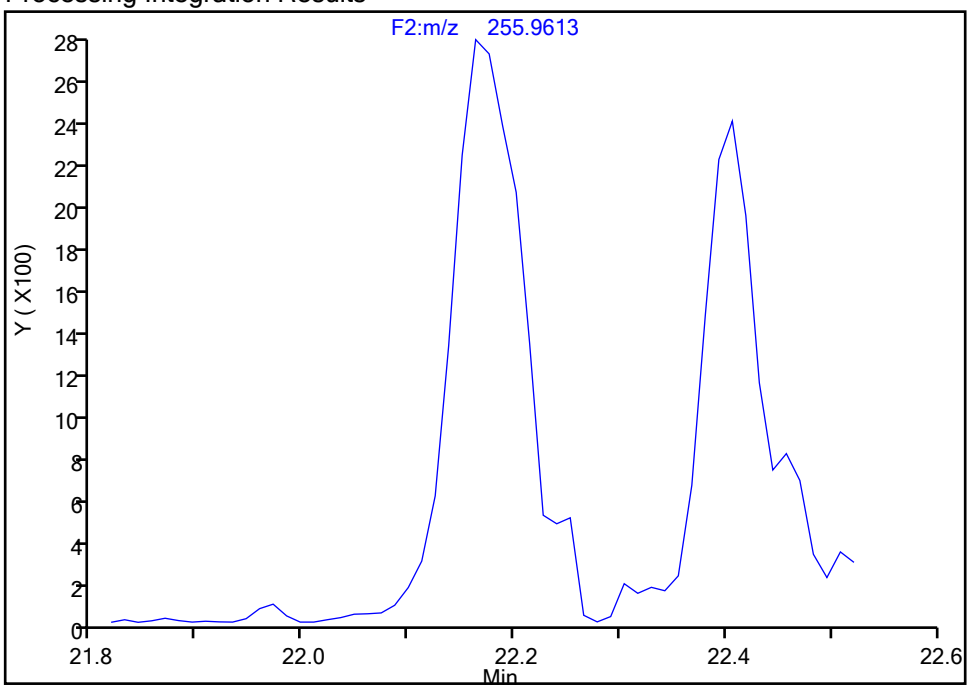
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-26/29, CAS: STL01801

Signal: 1

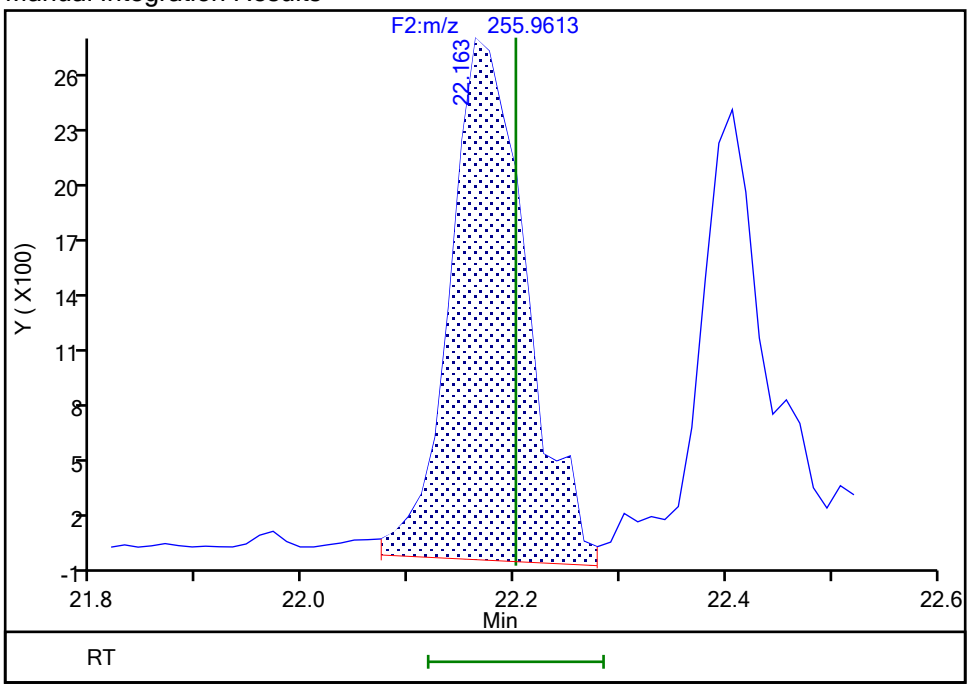
Not Detected
Expected RT: 22.20

Processing Integration Results



Manual Integration Results

RT: 22.16
Area: 14050
Amount: 0.418505
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:03:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

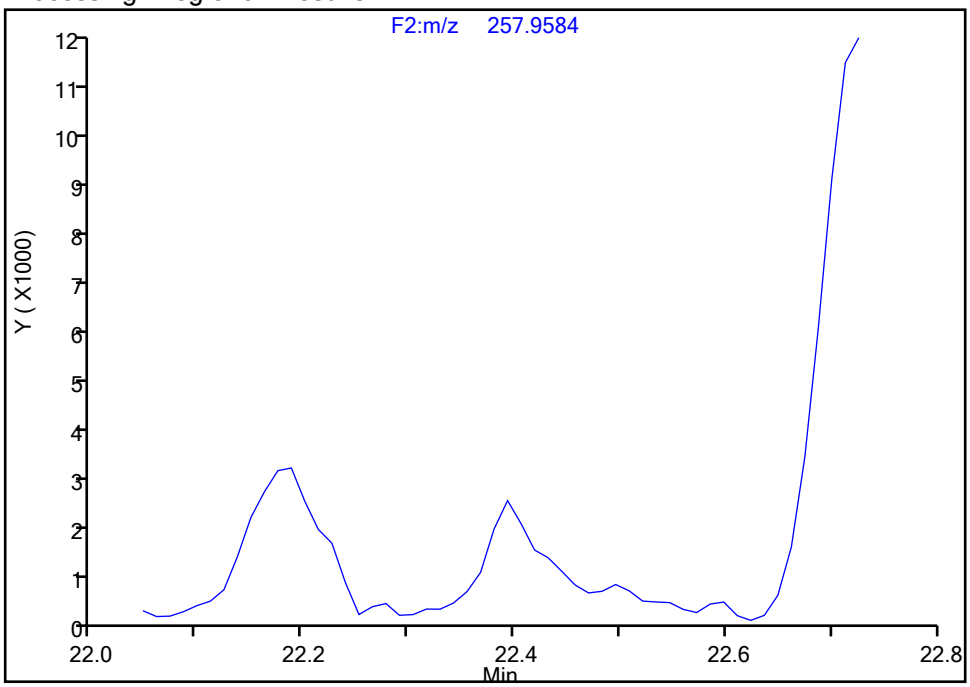
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-25, CAS: 55712-37-3

Signal: 2

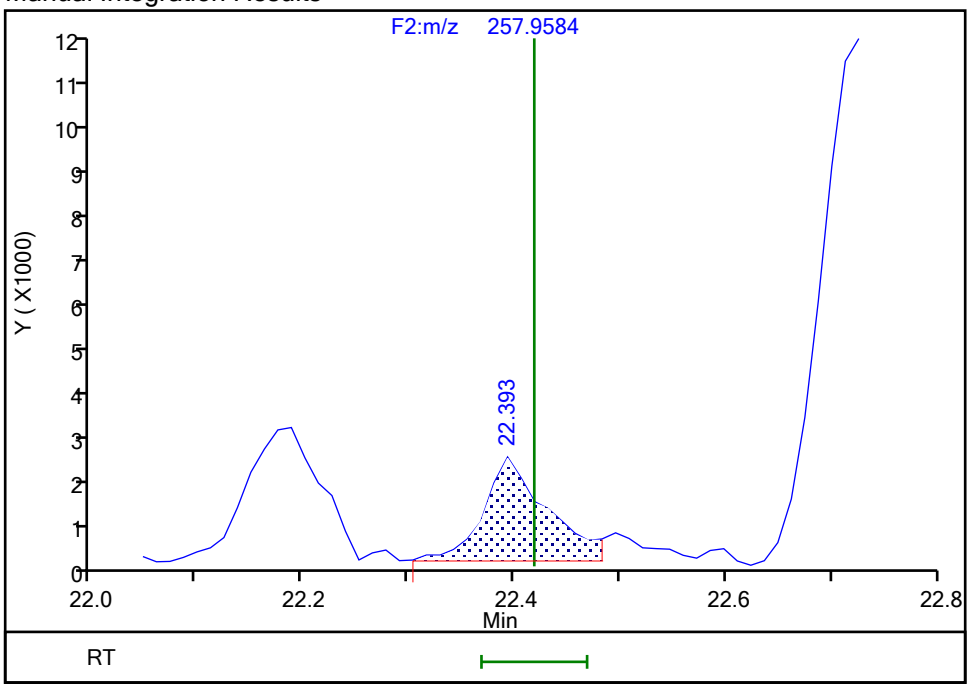
Not Detected
Expected RT: 22.42

Processing Integration Results



Manual Integration Results

RT: 22.39
Area: 9941
Amount: 0.223343
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:03:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

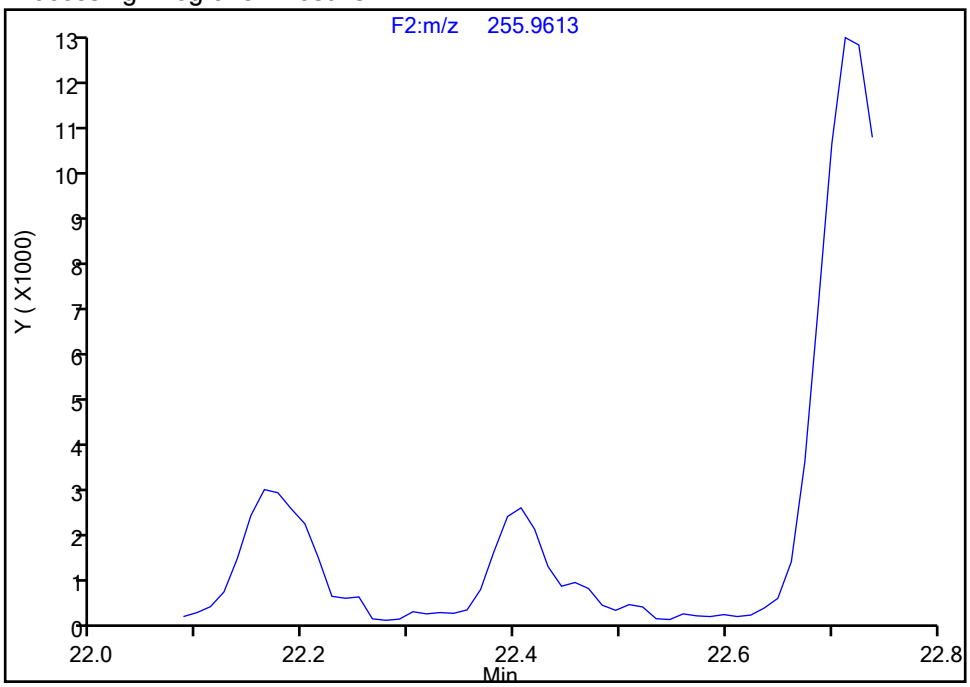
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-25, CAS: 55712-37-3

Signal: 1

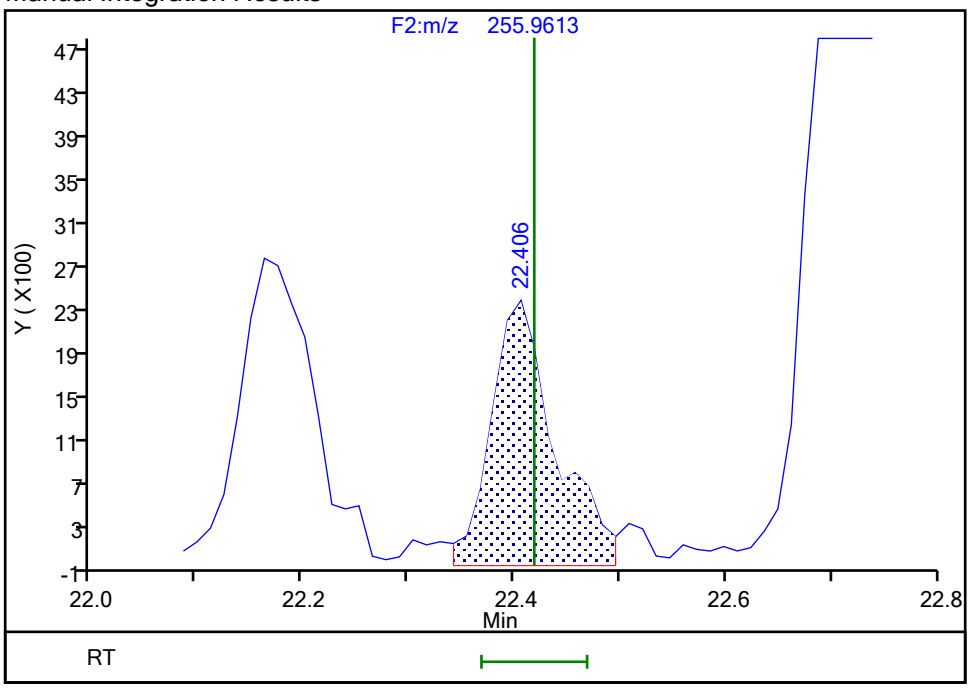
Not Detected
Expected RT: 22.42

Processing Integration Results



Manual Integration Results

RT: 22.41
Area: 10043
Amount: 0.223343
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:03:59 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

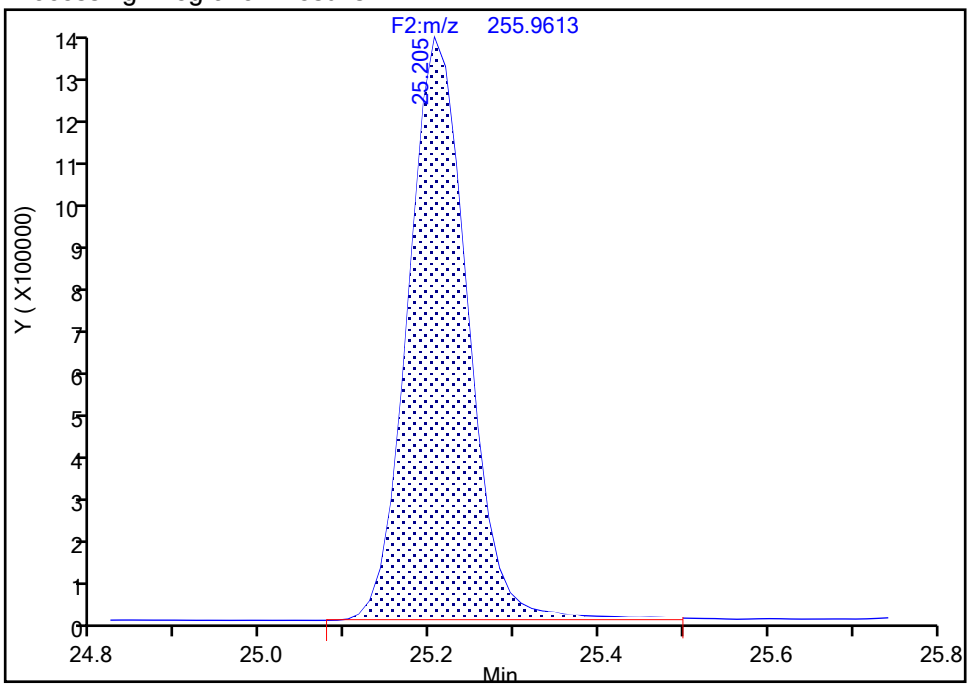
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-36, CAS: 38444-87-0

Signal: 1

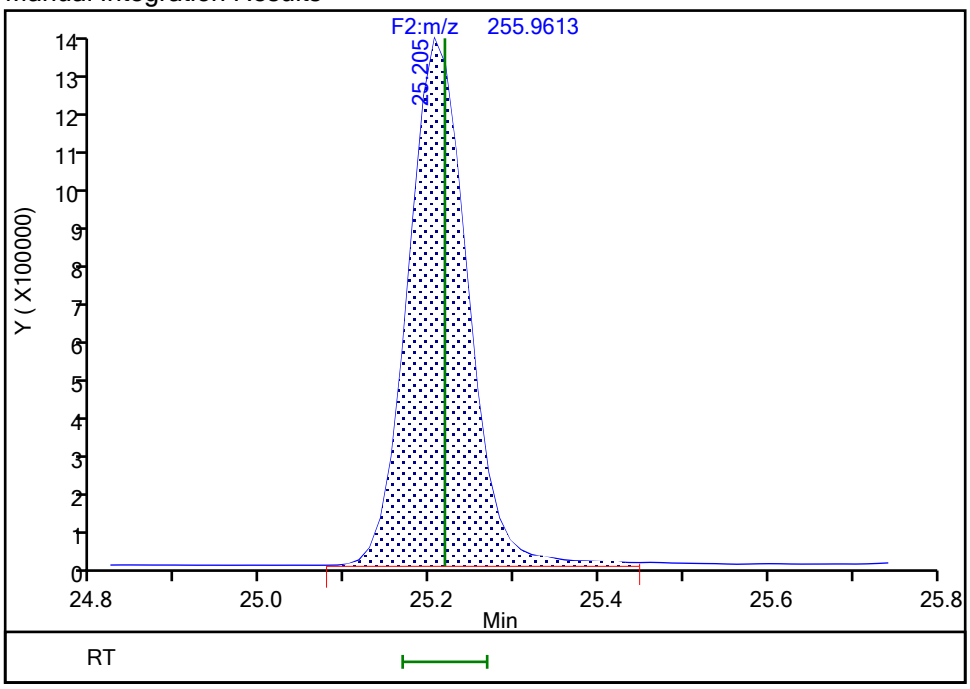
Processing Integration Results

RT: 25.21
Area: 6472041
Amount: 143.2309
Amount Units: pg/ul



Manual Integration Results

RT: 25.21
Area: 6452633
Amount: 142.4816
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:04:27 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

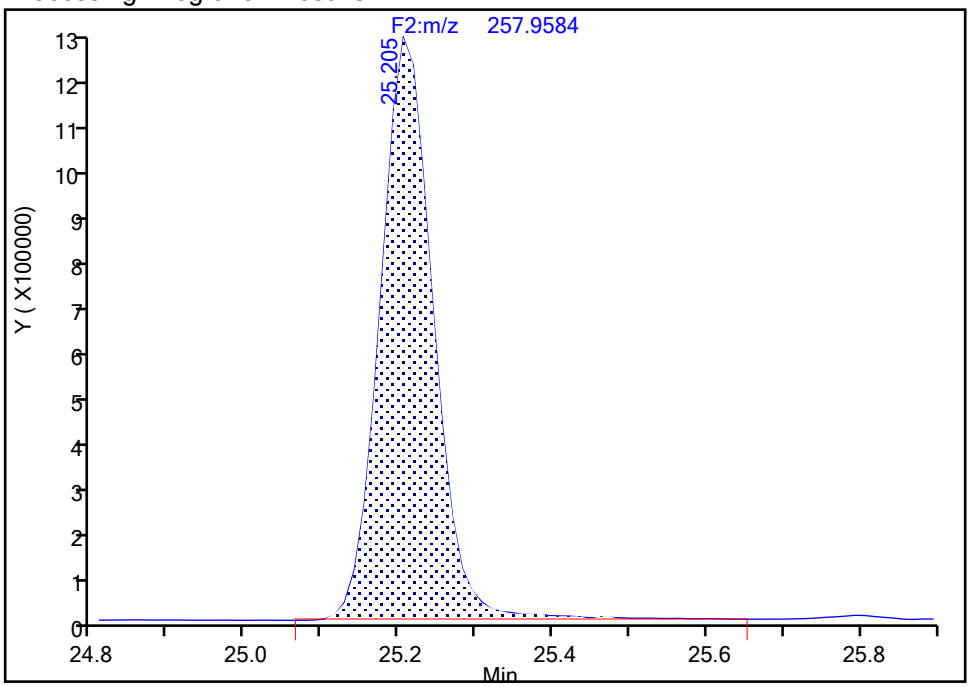
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-36, CAS: 38444-87-0

Signal: 2

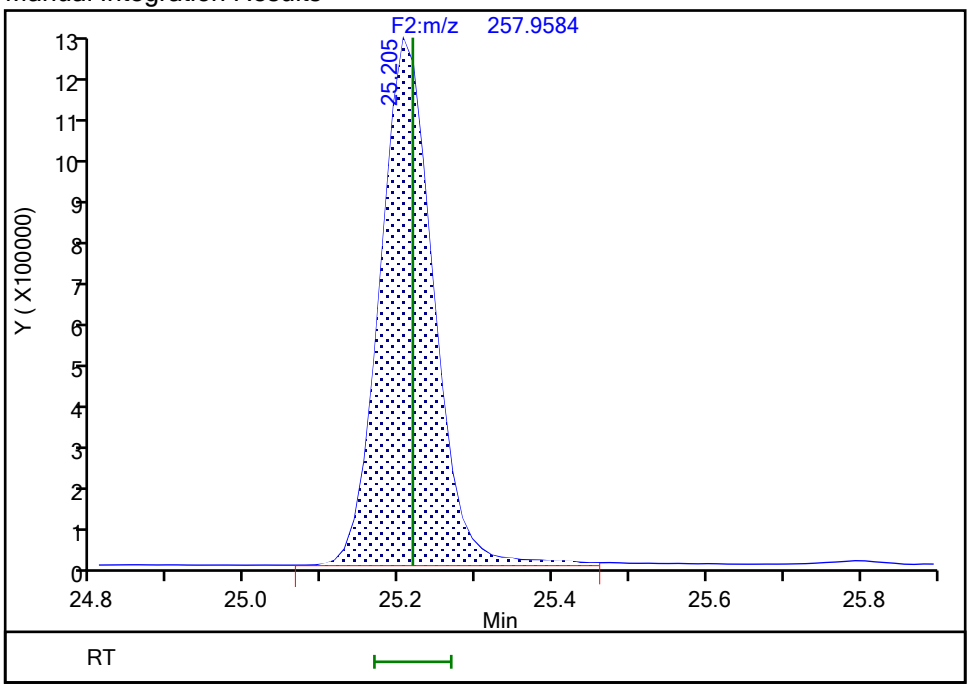
Processing Integration Results

RT: 25.21
Area: 6302066
Amount: 143.2309
Amount Units: pg/ul



Manual Integration Results

RT: 25.21
Area: 6254652
Amount: 142.4816
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:04:29 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

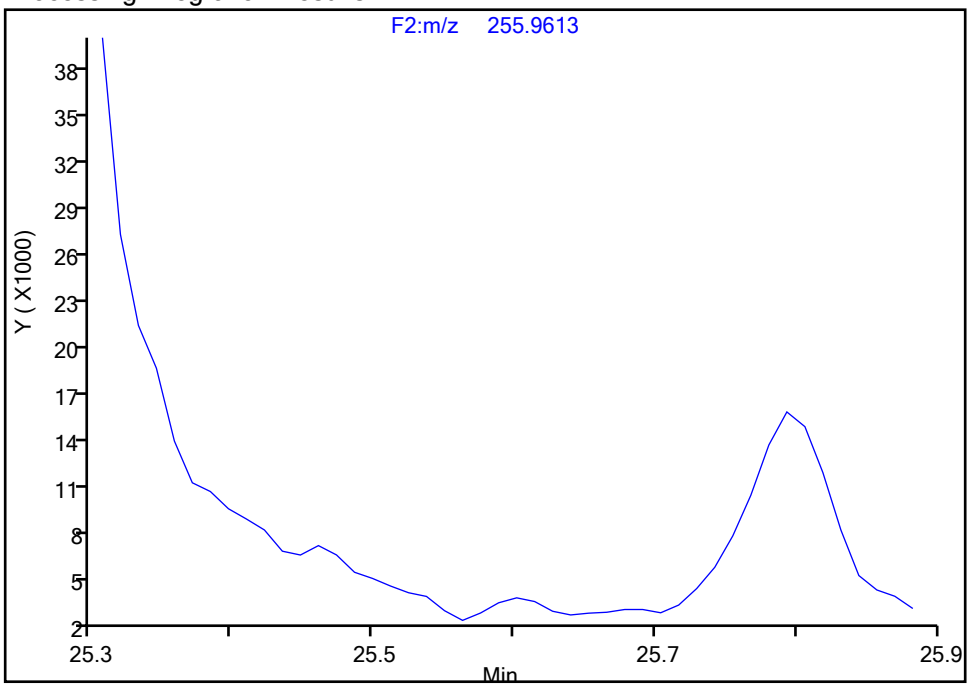
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-39, CAS: 38444-88-1

Signal: 1

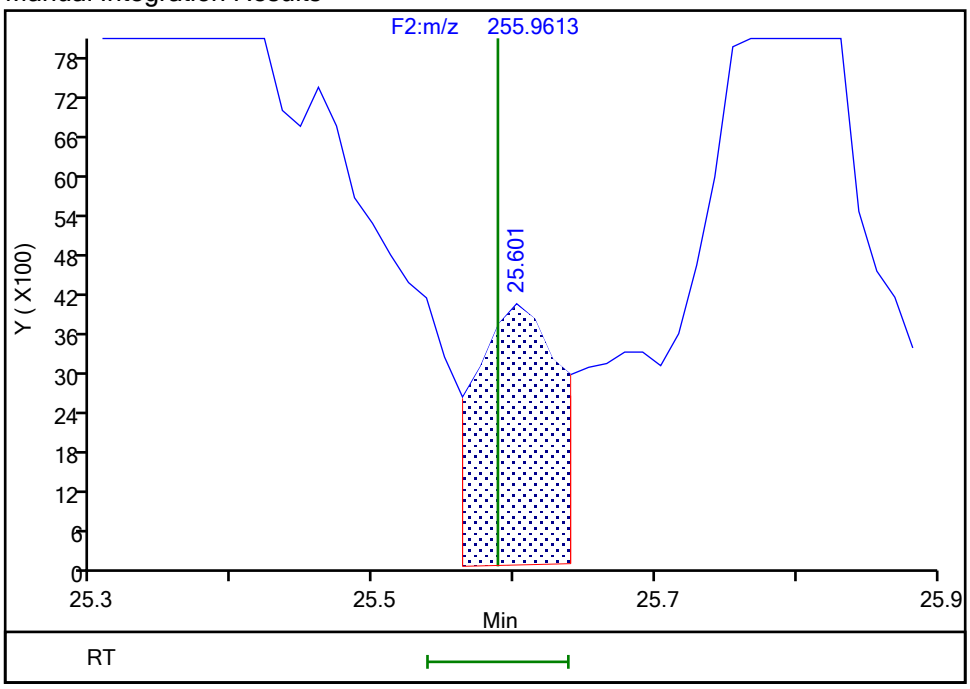
Not Detected
Expected RT: 25.59

Processing Integration Results



Manual Integration Results

RT: 25.60
Area: 15373
Amount: 0.424617
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:05:09 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

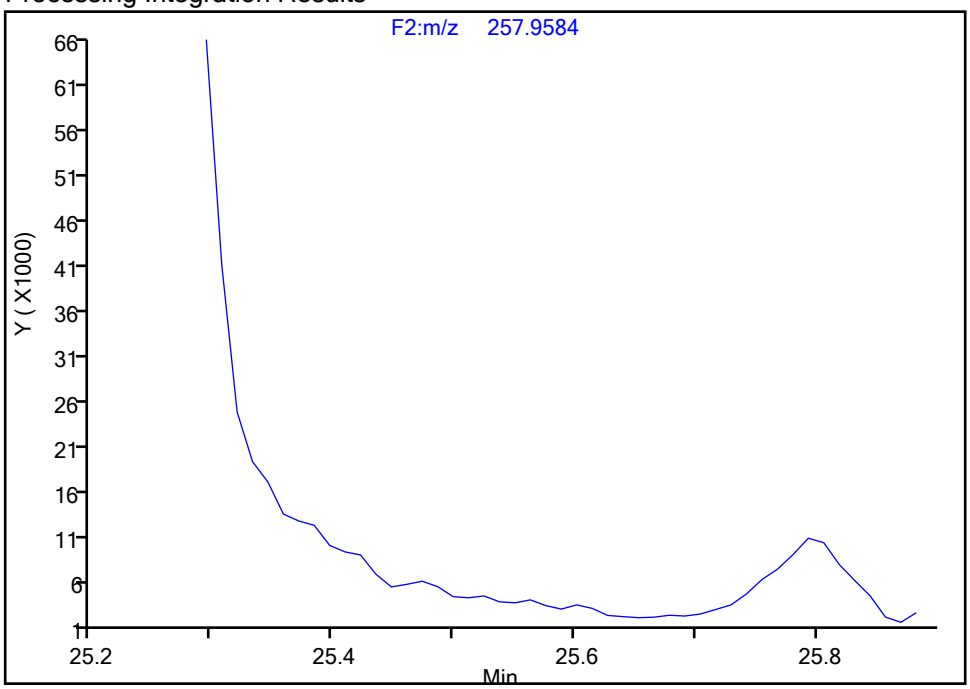
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-39, CAS: 38444-88-1

Signal: 2

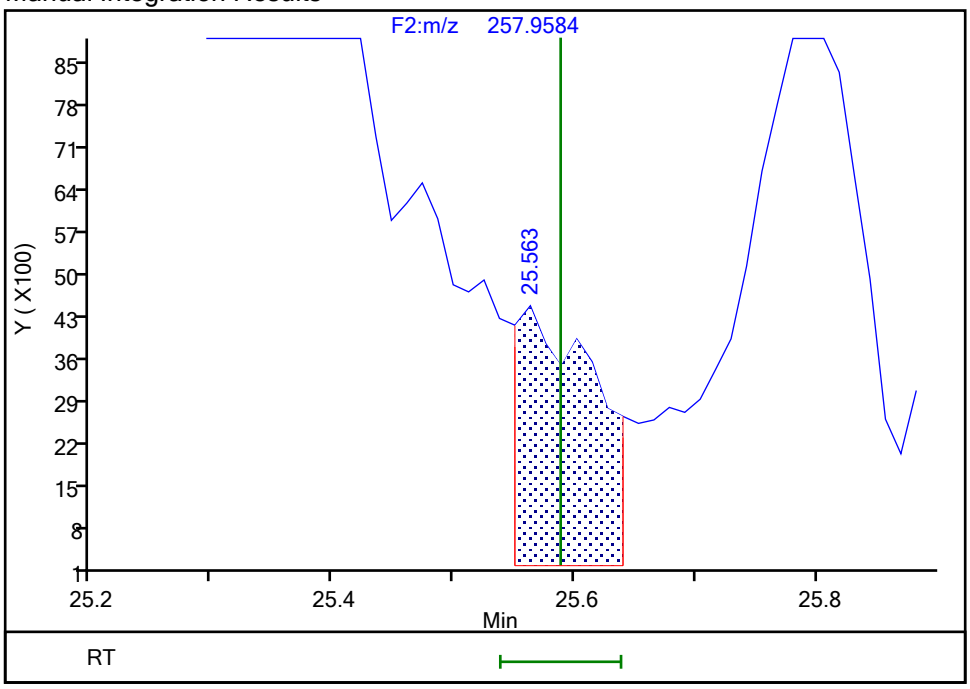
Not Detected
Expected RT: 25.59

Processing Integration Results



Manual Integration Results

RT: 25.56
Area: 18604
Amount: 0.424617
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:05:12 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

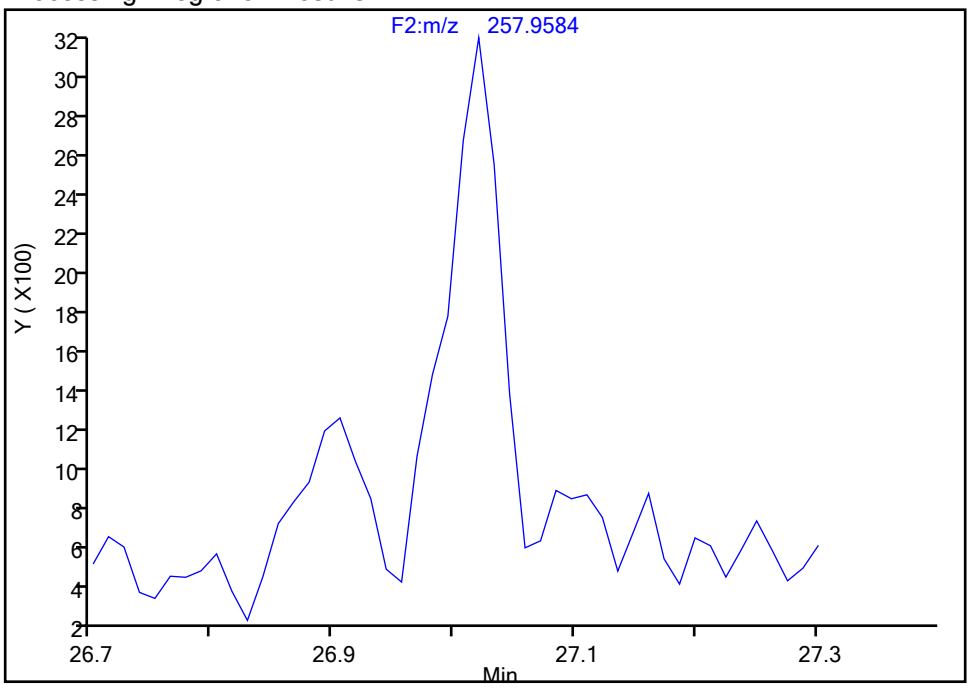
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-37, CAS: 38444-90-5

Signal: 2

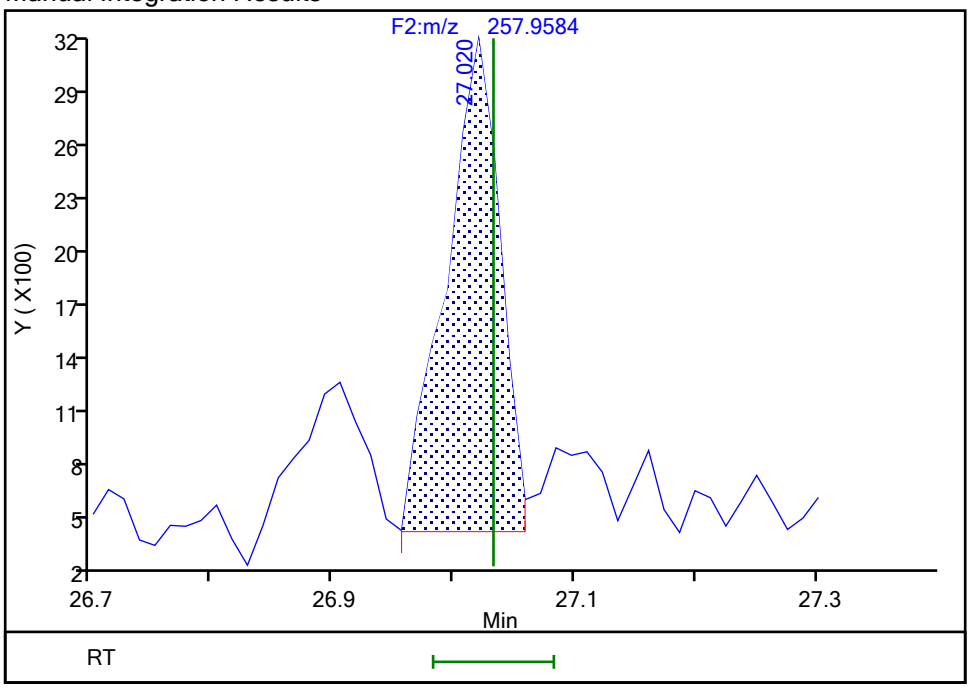
Not Detected
Expected RT: 27.03

Processing Integration Results



Manual Integration Results

RT: 27.02
Area: 8180
Amount: 0.223888
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:05:55 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

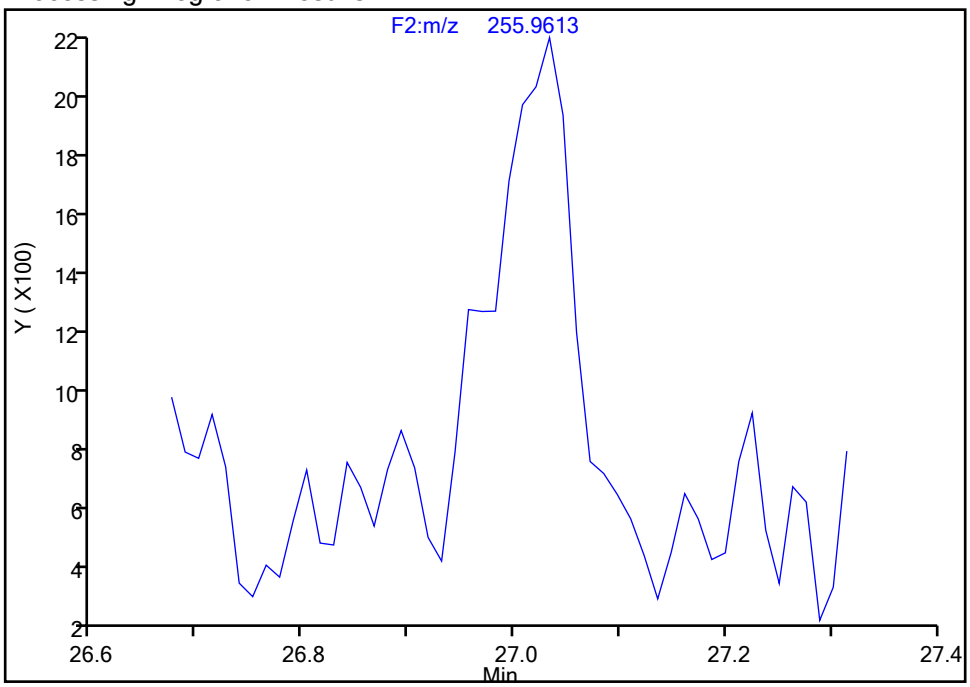
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-37, CAS: 38444-90-5

Signal: 1

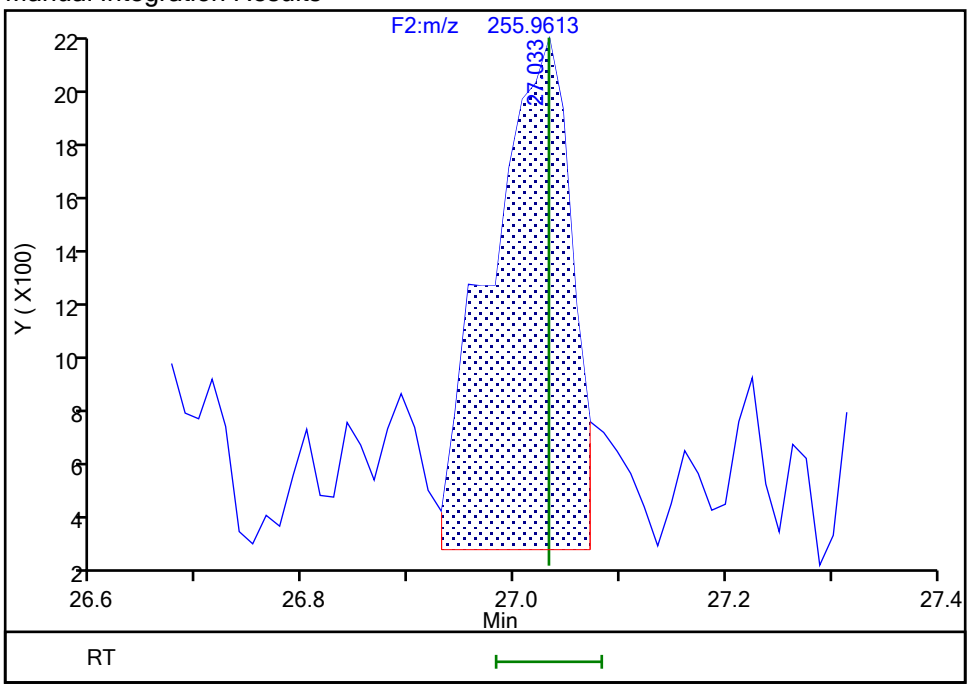
Not Detected
Expected RT: 27.03

Processing Integration Results



Manual Integration Results

RT: 27.03
Area: 9468
Amount: 0.223888
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:05:57 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

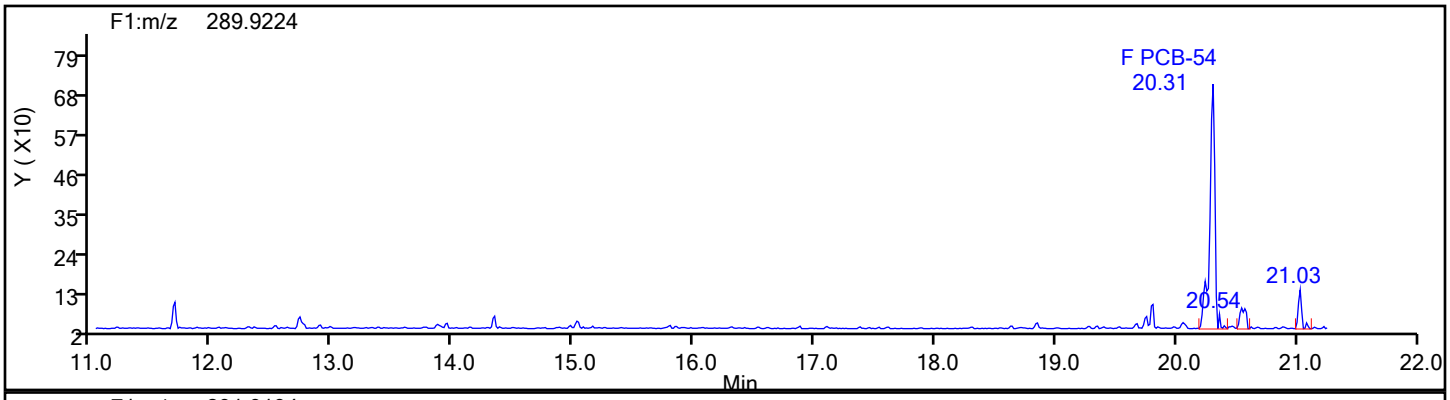
Report Date: 04-Jan-2024 22:55:29 Chrom Revision: 2.3 15-Nov-2023 20:54:34

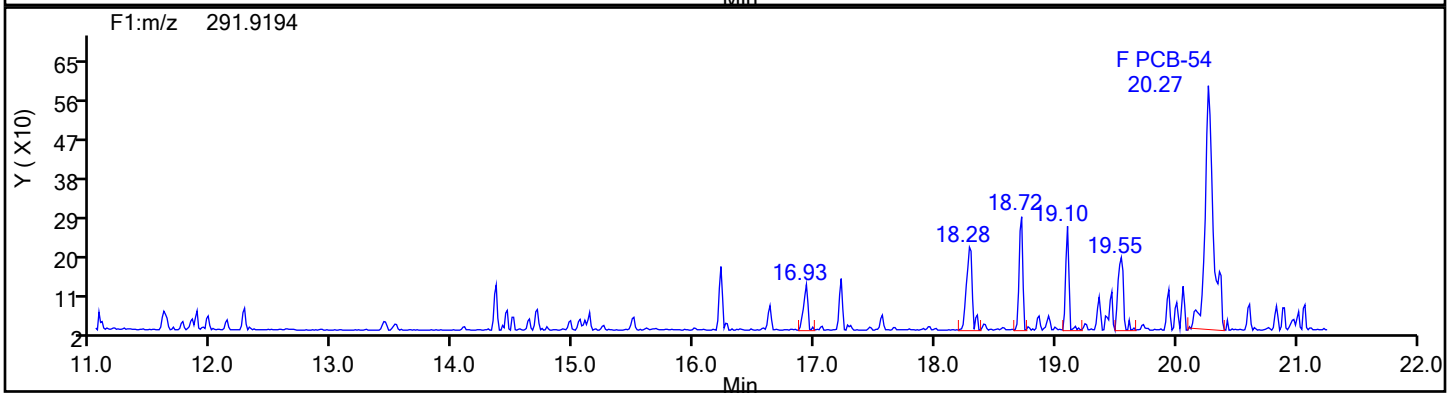
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

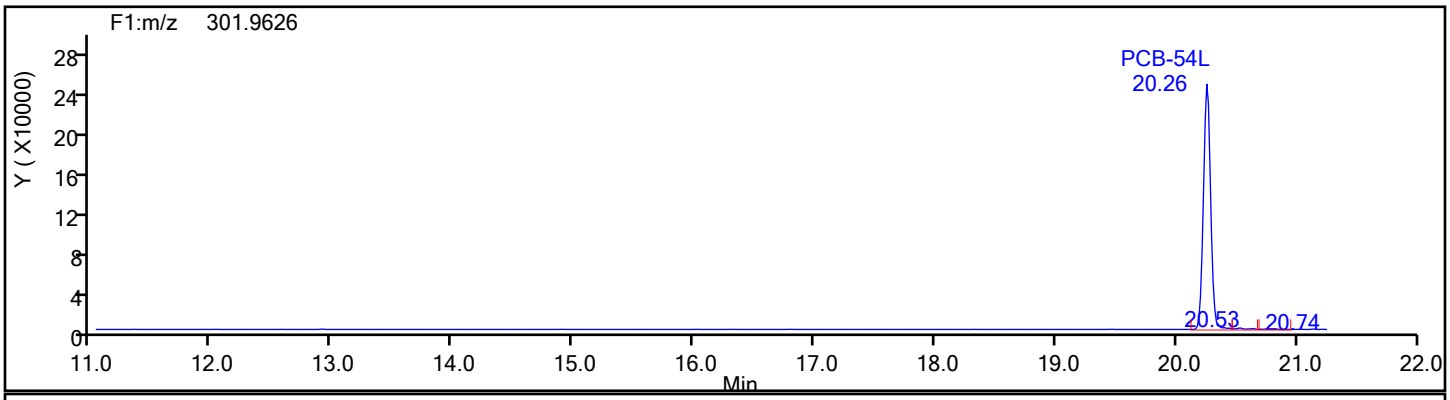
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

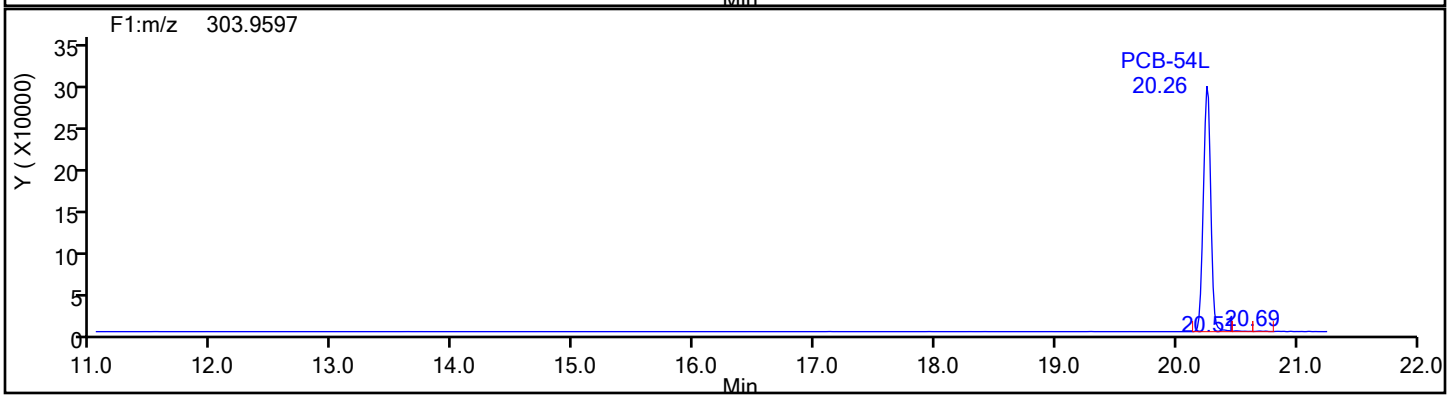
TePCB F1





TePCB F1 Standards



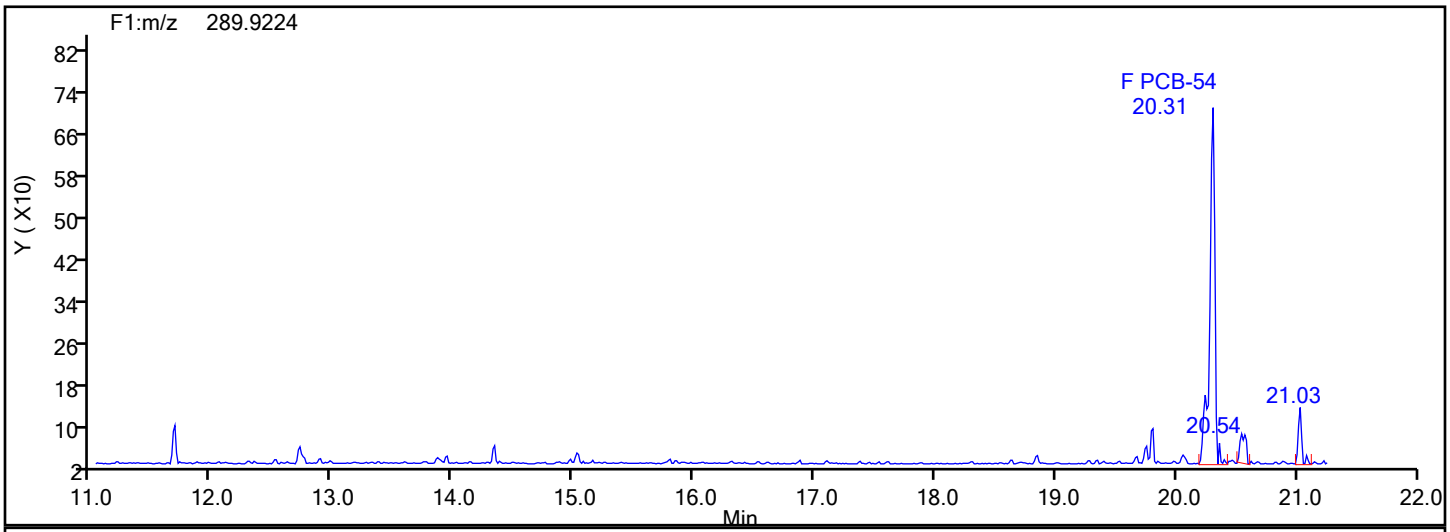


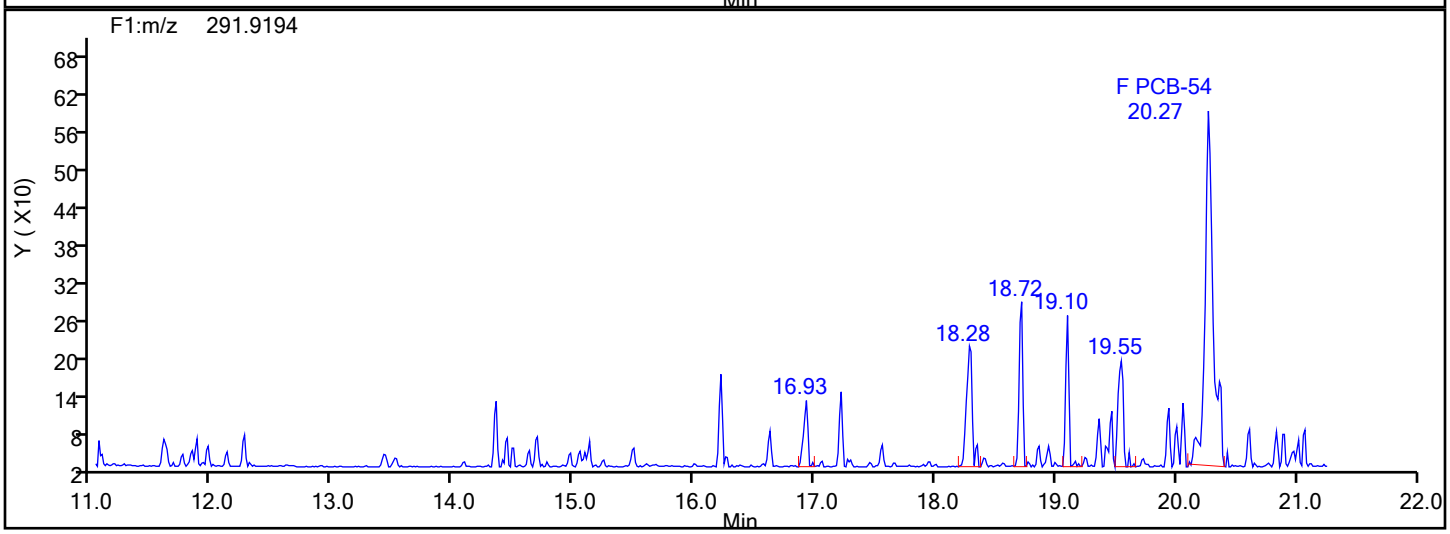
Report Date: 04-Jan-2024 22:55:29 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

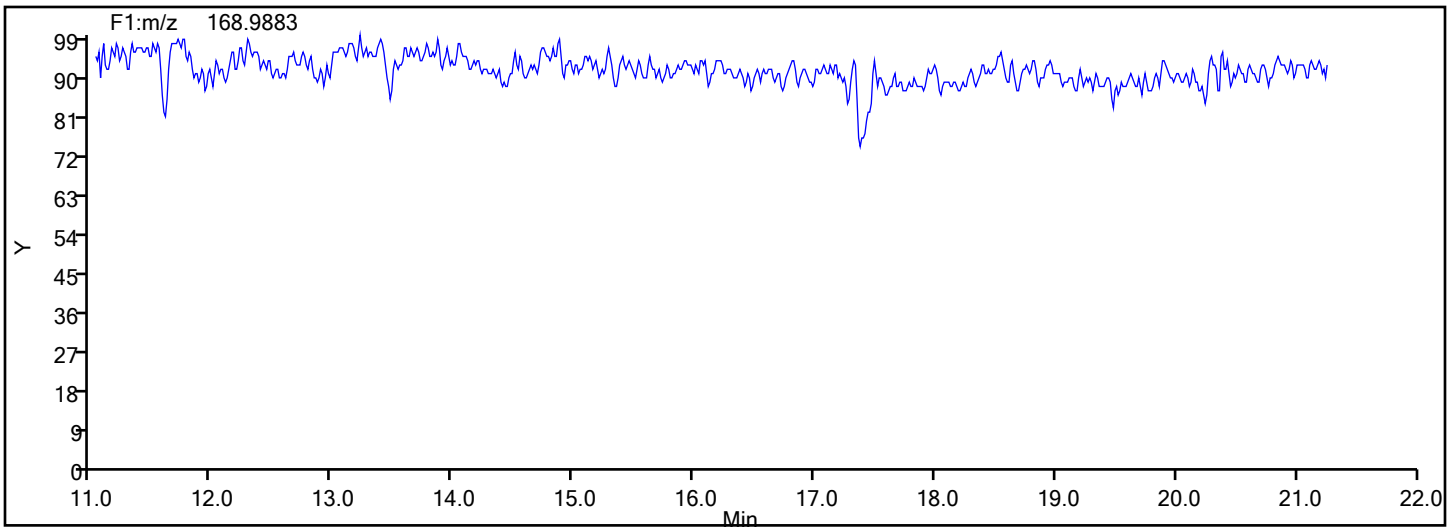
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



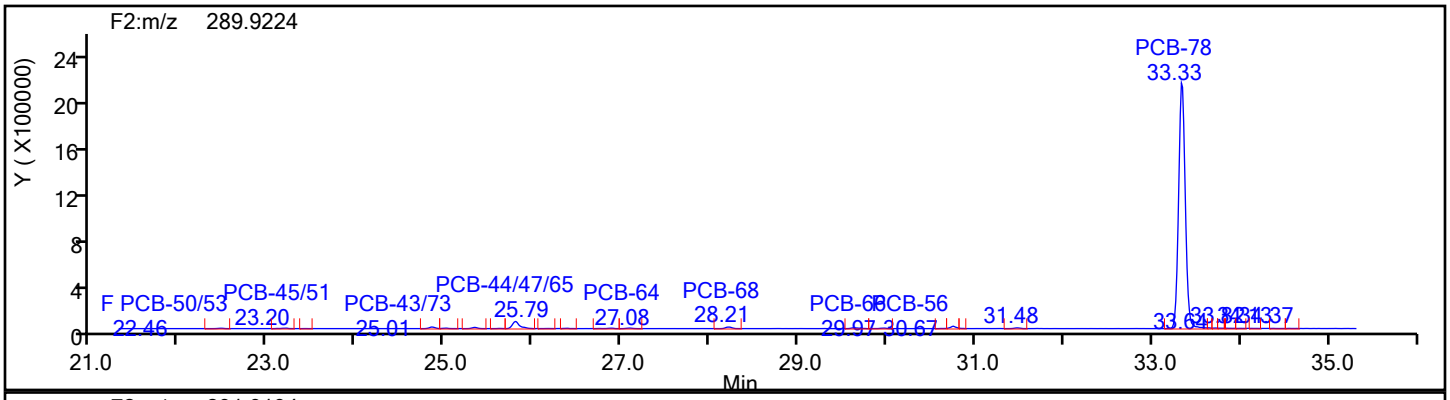
Report Date: 04-Jan-2024 22:55:29 Chrom Revision: 2.3 15-Nov-2023 20:54:34

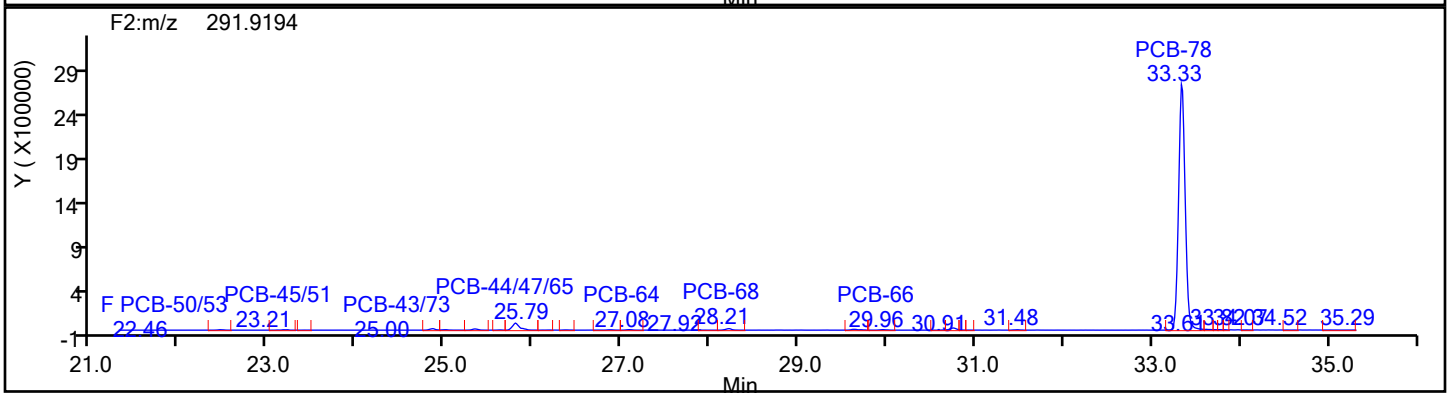
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

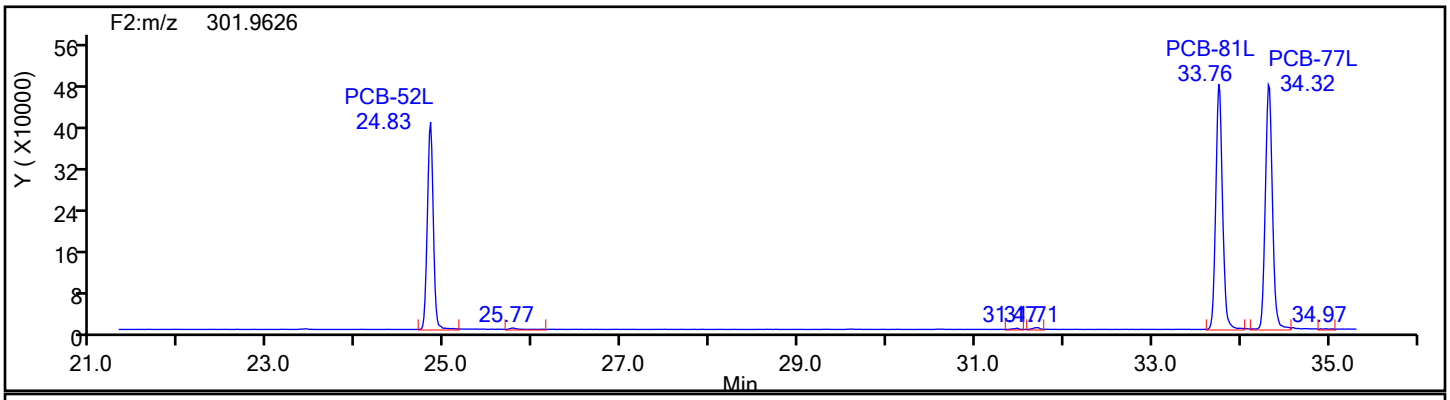
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

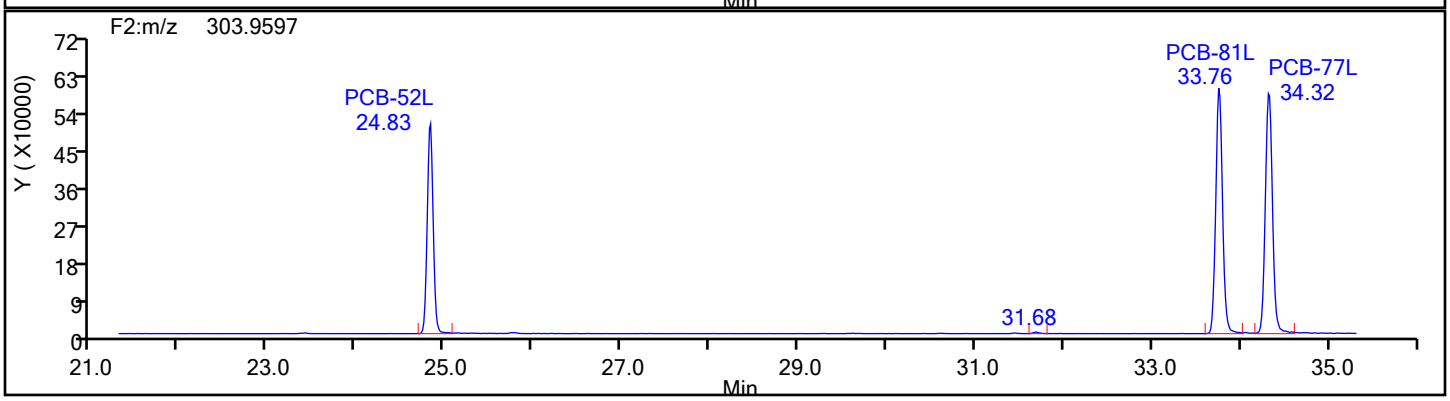
TePCB F2





TePCB F2 Standards



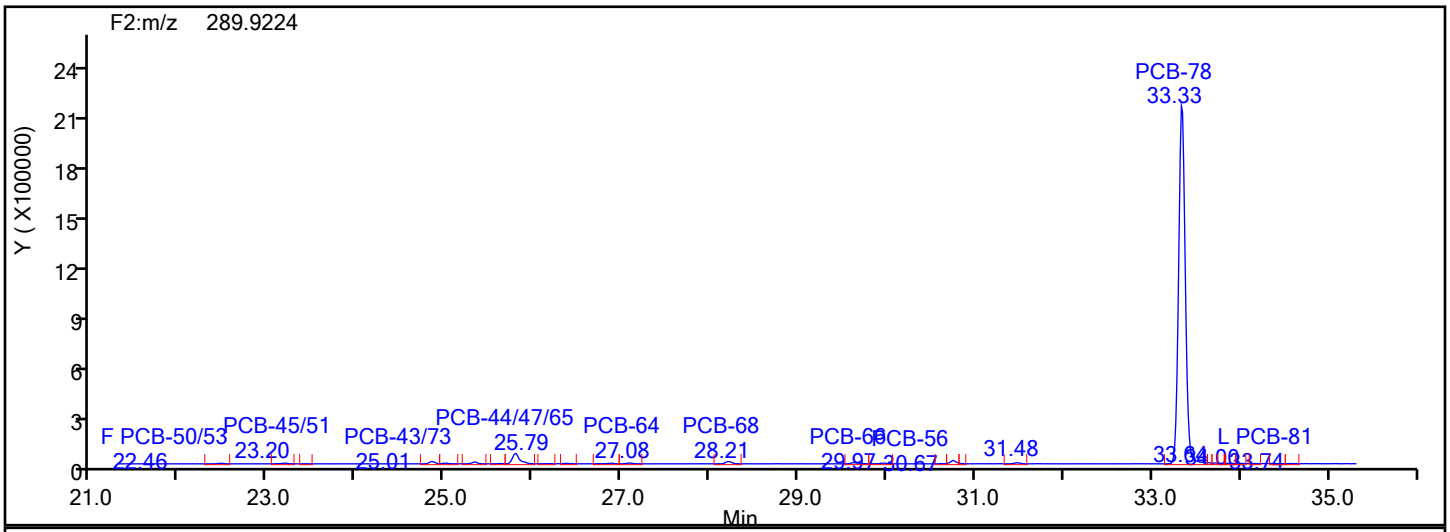


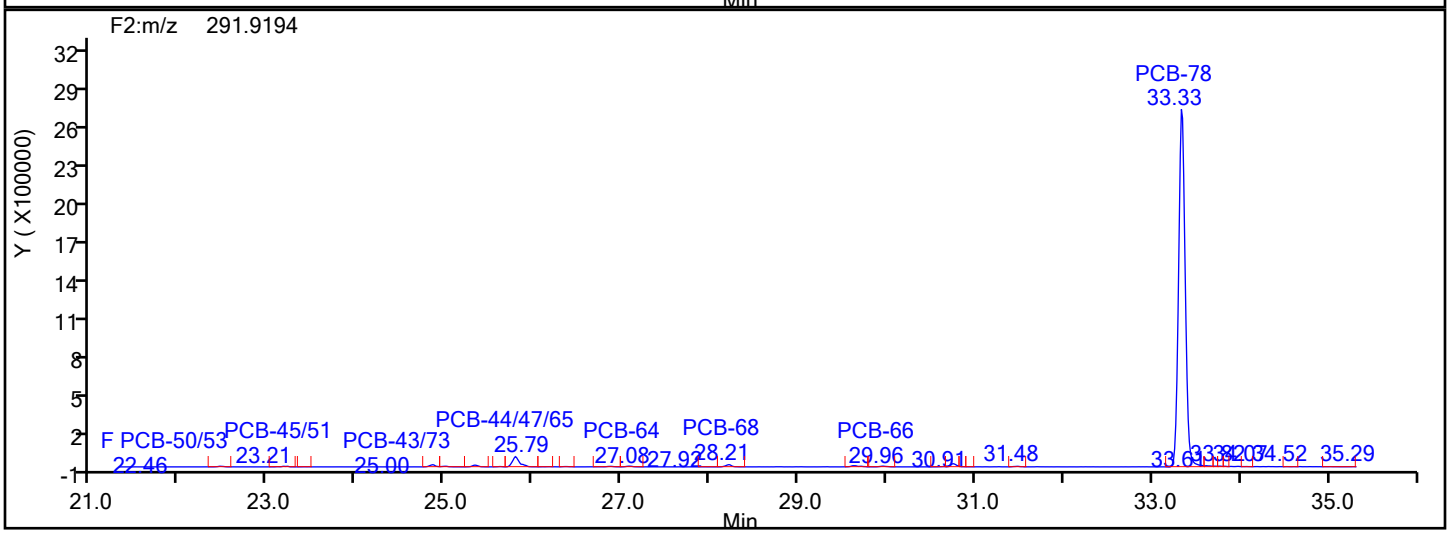
Report Date: 04-Jan-2024 22:55:29 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

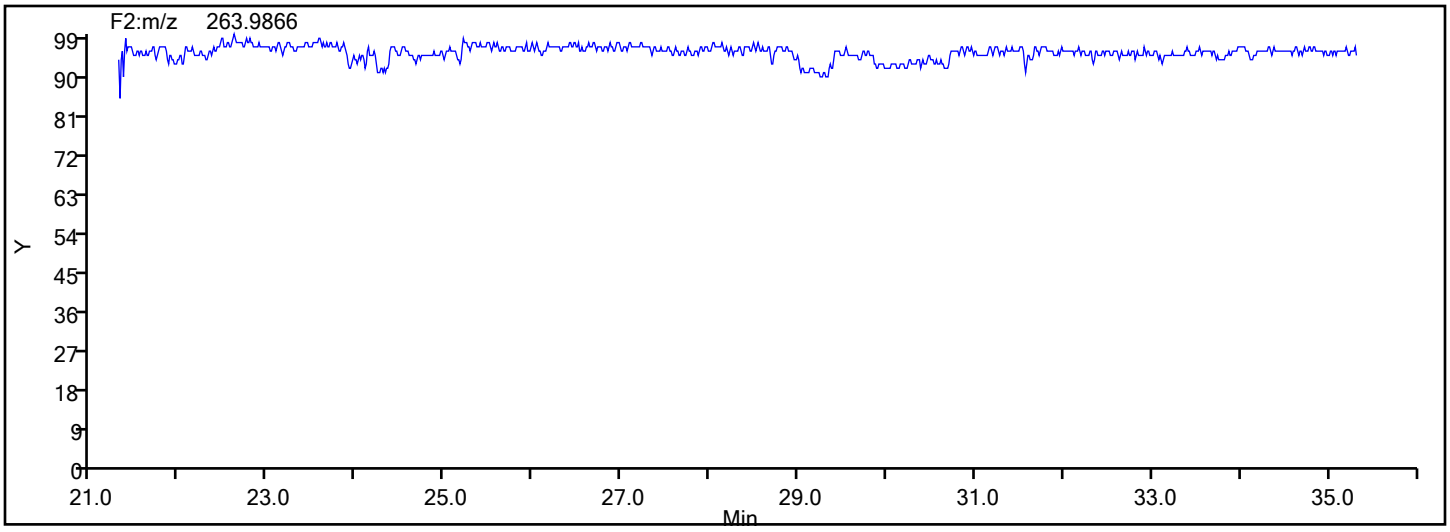
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

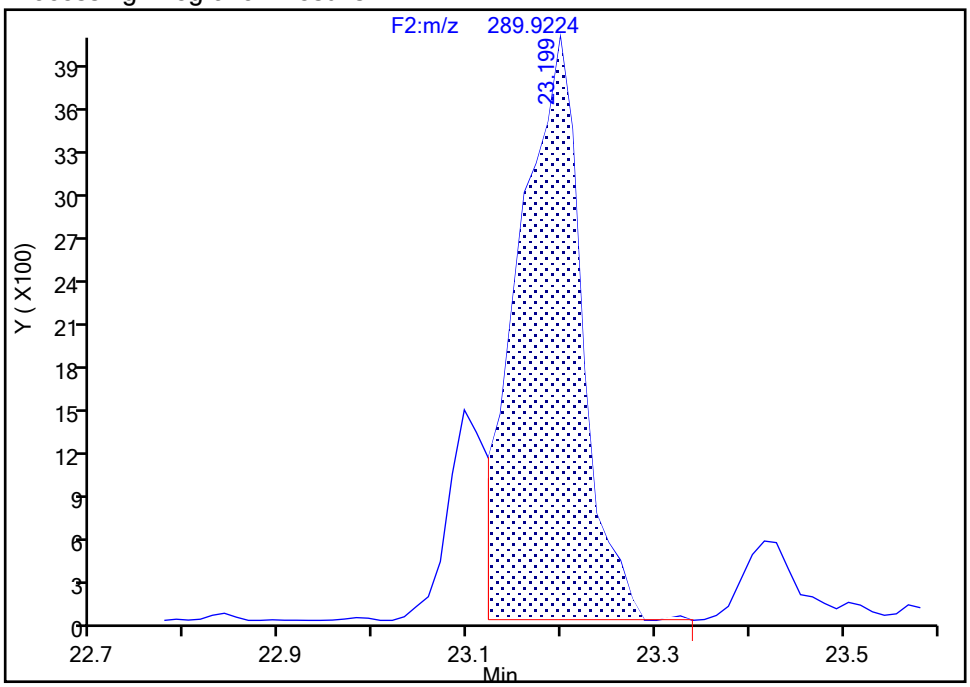
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 1

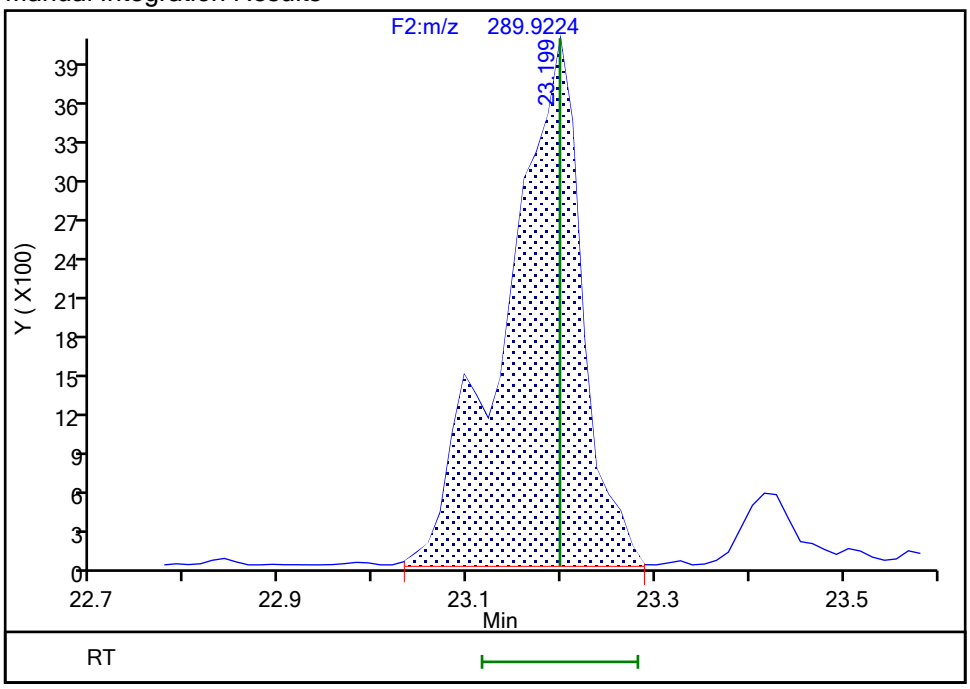
Processing Integration Results

RT: 23.20
Area: 18933
Amount: 0.981334
Amount Units: pg/ul



Manual Integration Results

RT: 23.20
Area: 22771
Amount: 1.206839
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:06:28 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

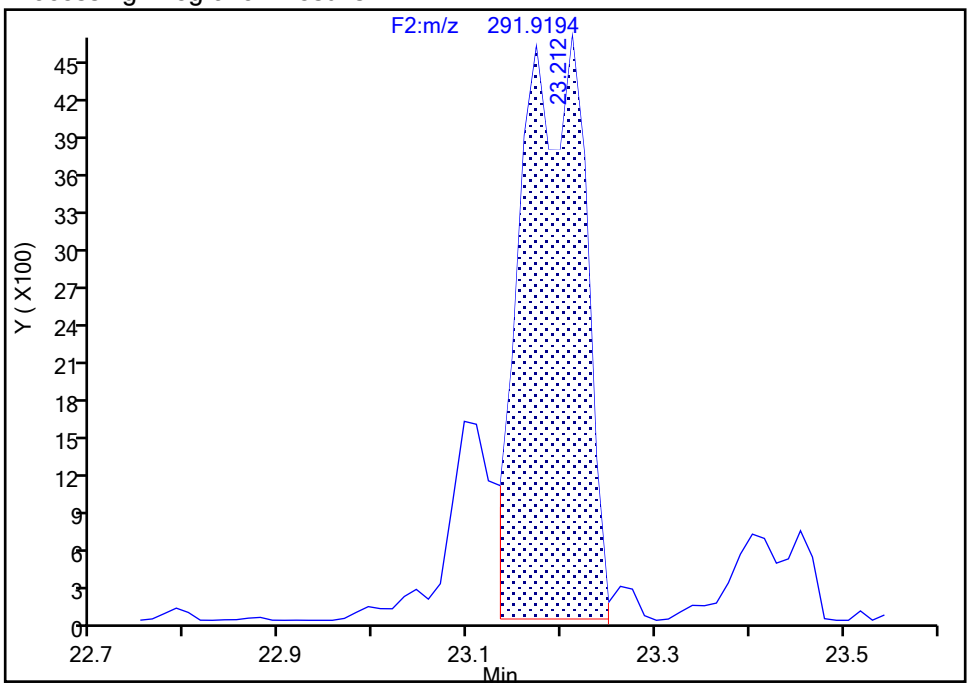
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 2

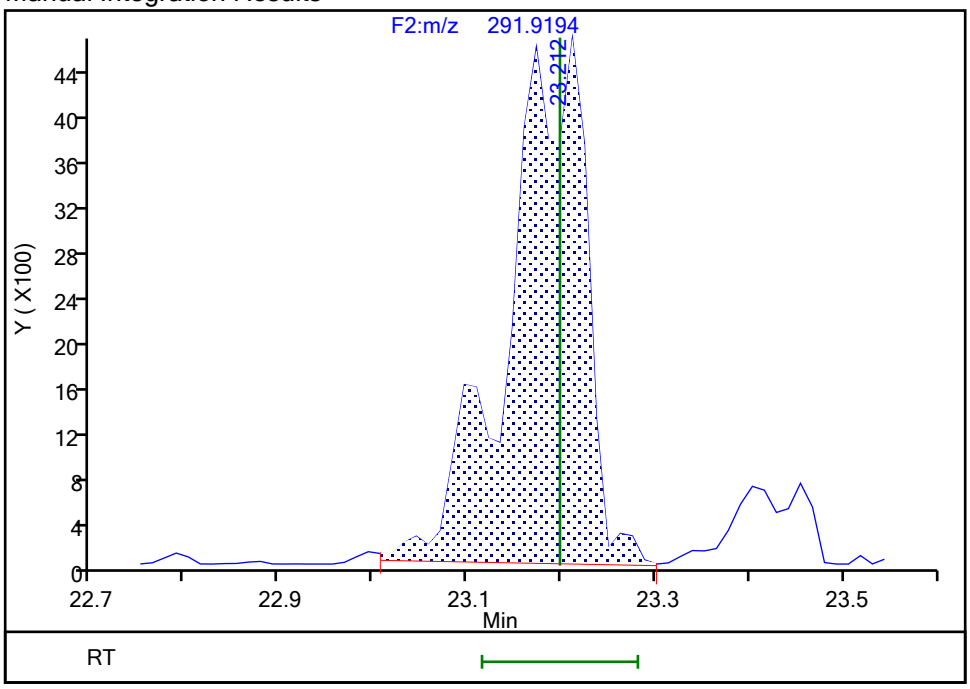
Processing Integration Results

RT: 23.21
Area: 21464
Amount: 0.981334
Amount Units: pg/ul



Manual Integration Results

RT: 23.21
Area: 26909
Amount: 1.206839
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:06:33 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

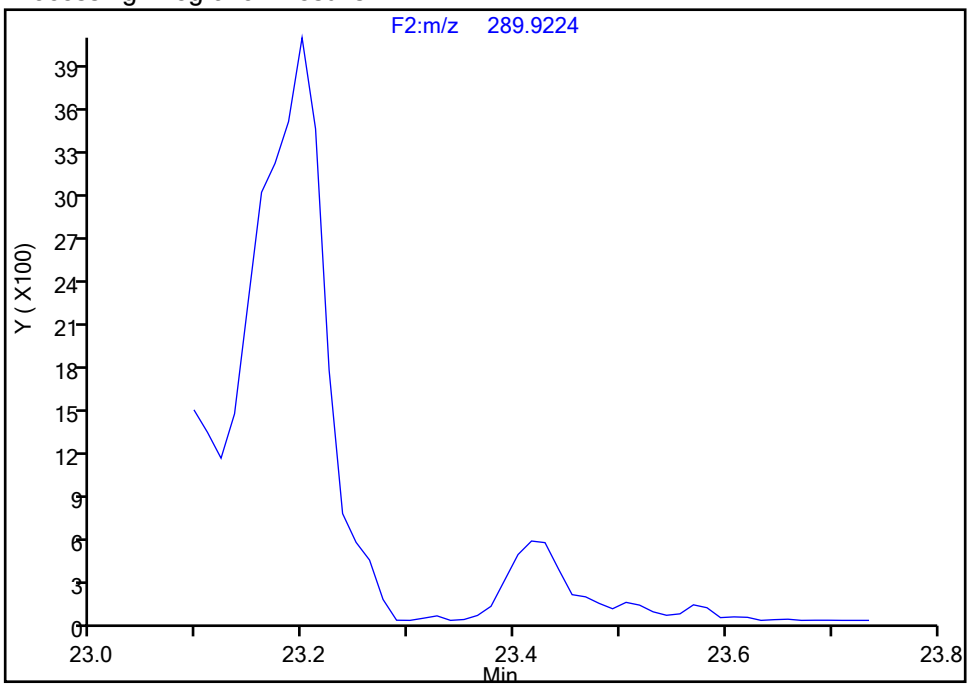
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 1

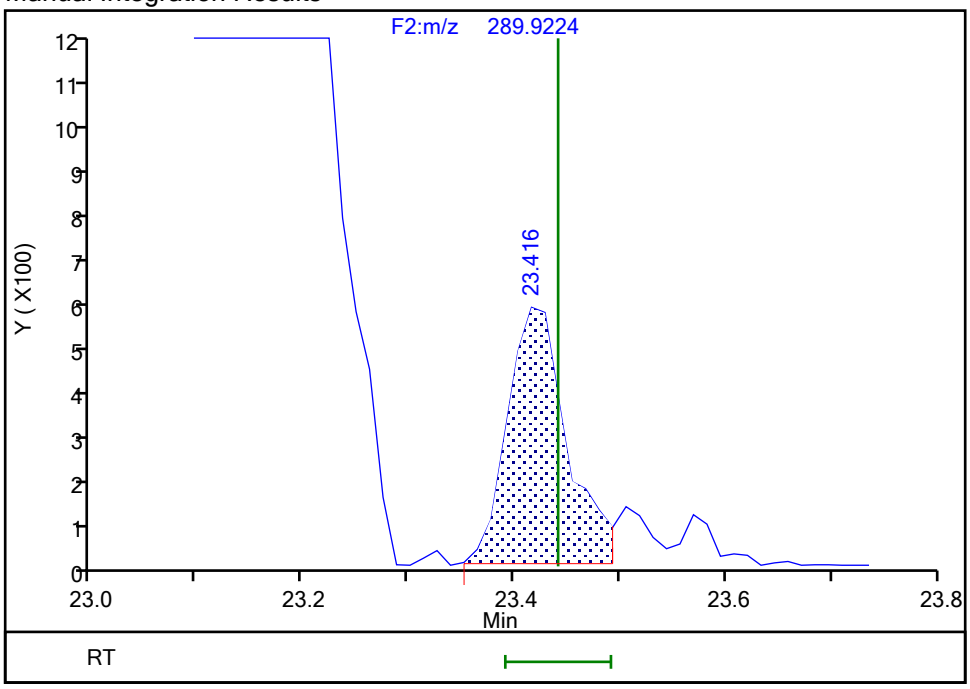
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.42
Area: 2133
Amount: 0.168922
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:06:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

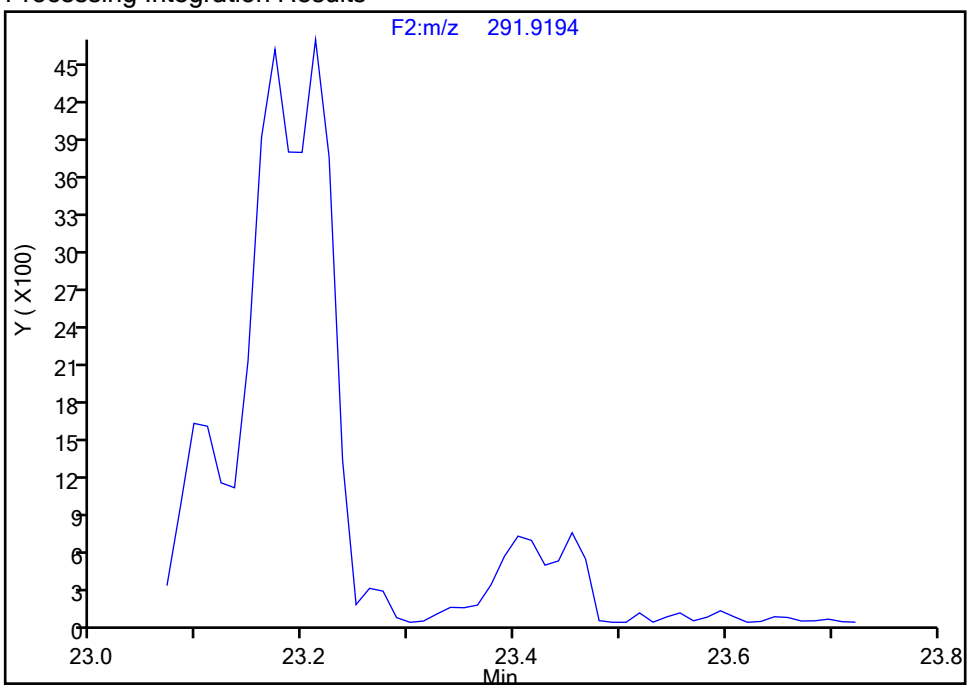
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 2

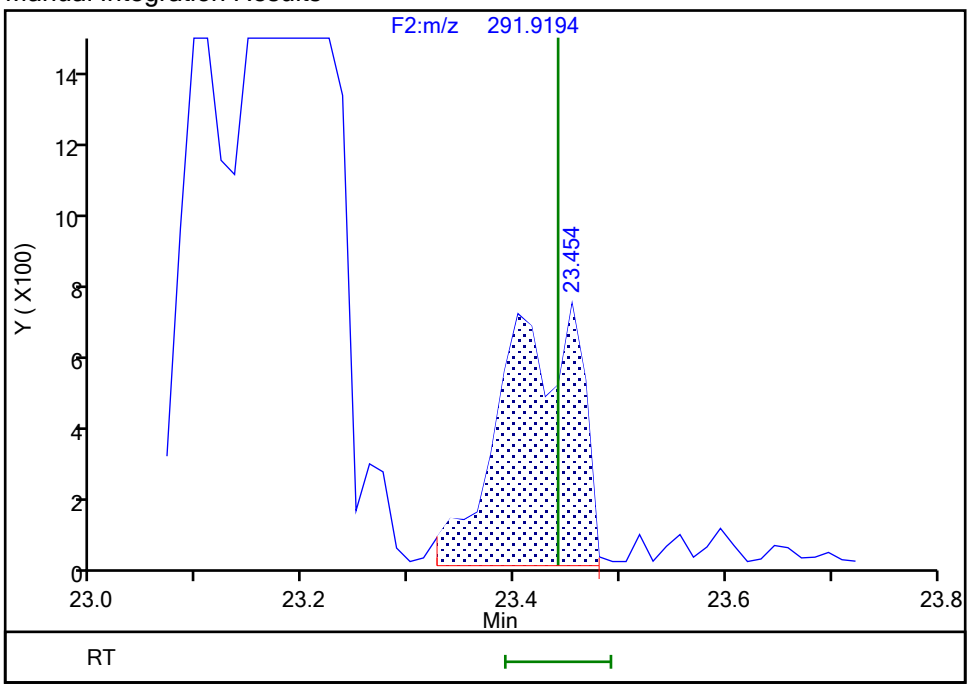
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.45
Area: 3694
Amount: 0.168922
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:06:53 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

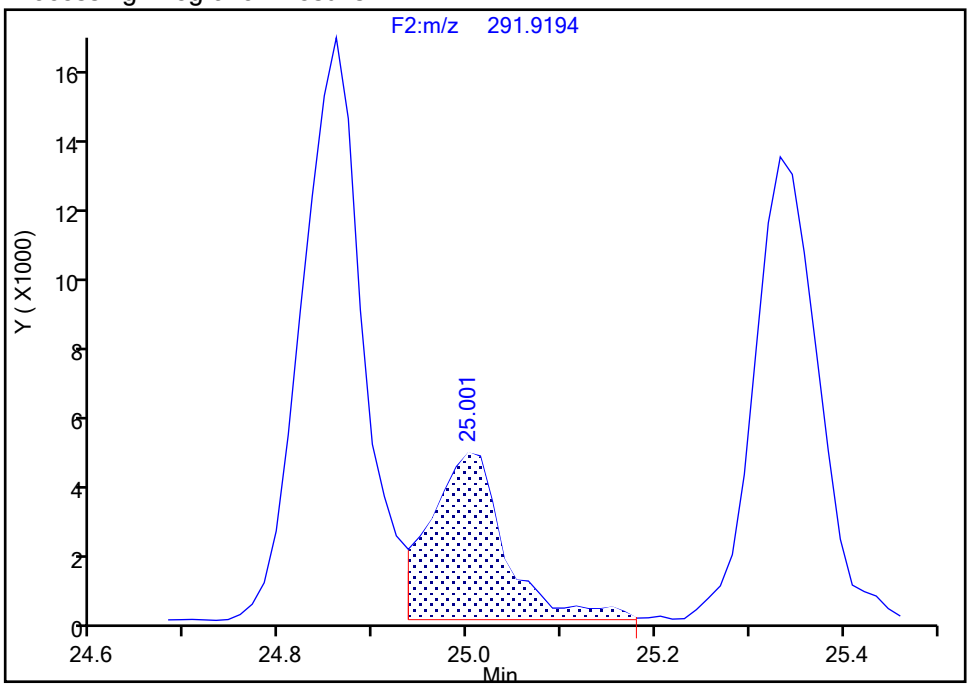
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-43/73, CAS: STL02293

Signal: 2

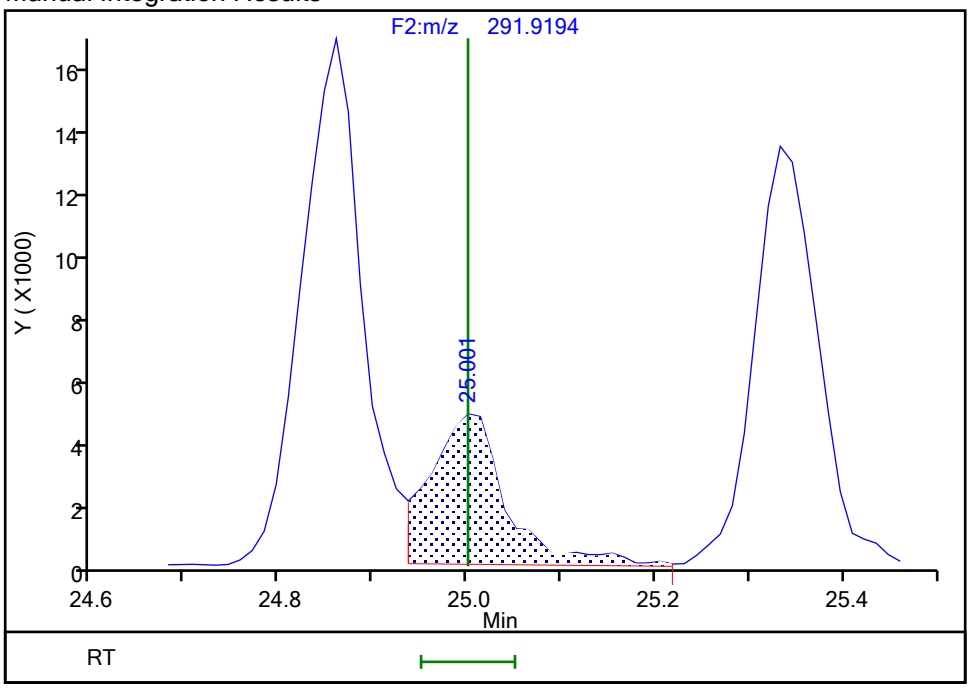
Processing Integration Results

RT: 25.00
Area: 25772
Amount: 0.868013
Amount Units: pg/ul



Manual Integration Results

RT: 25.00
Area: 26058
Amount: 0.873496
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:07:04 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

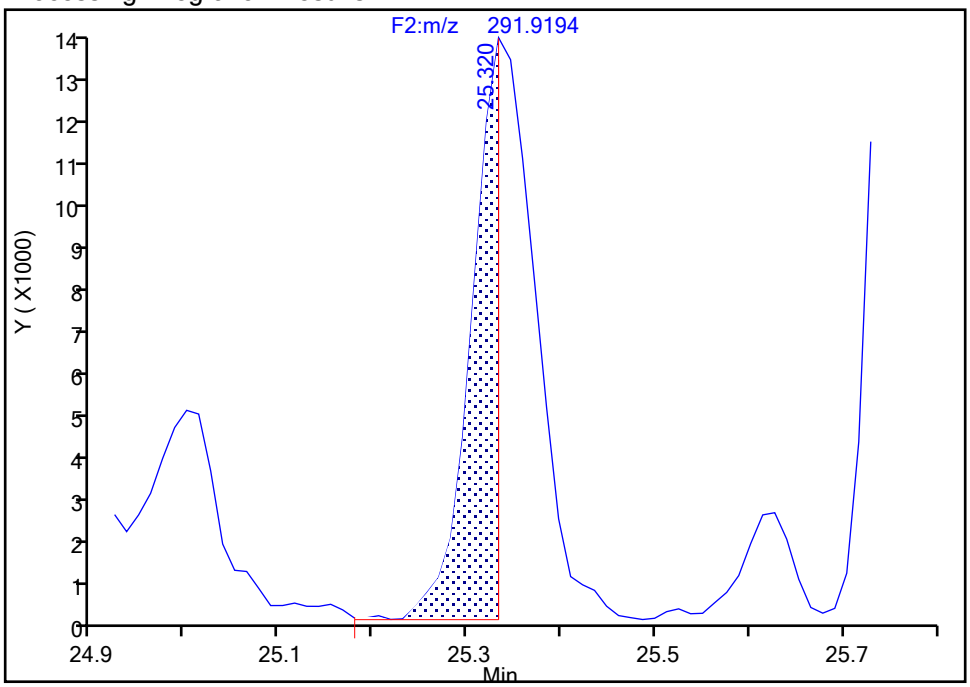
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-49/69, CAS: STL01805

Signal: 2

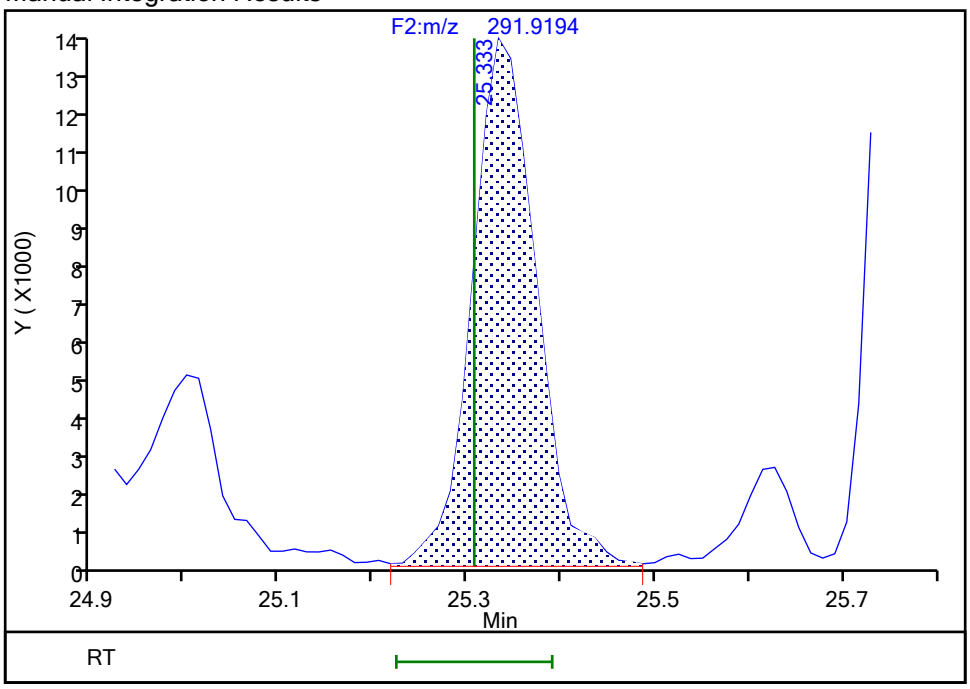
Processing Integration Results

RT: 25.32
Area: 25473
Amount: 1.362148
Amount Units: pg/ul



Manual Integration Results

RT: 25.33
Area: 61434
Amount: 2.051668
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:07:04 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

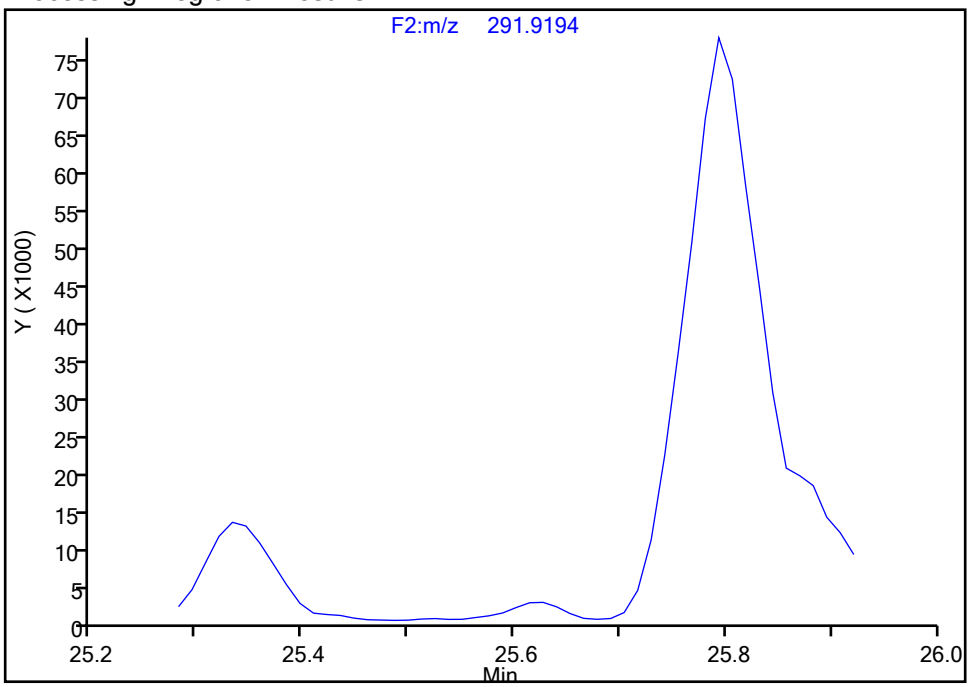
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-48, CAS: 70362-47-9

Signal: 2

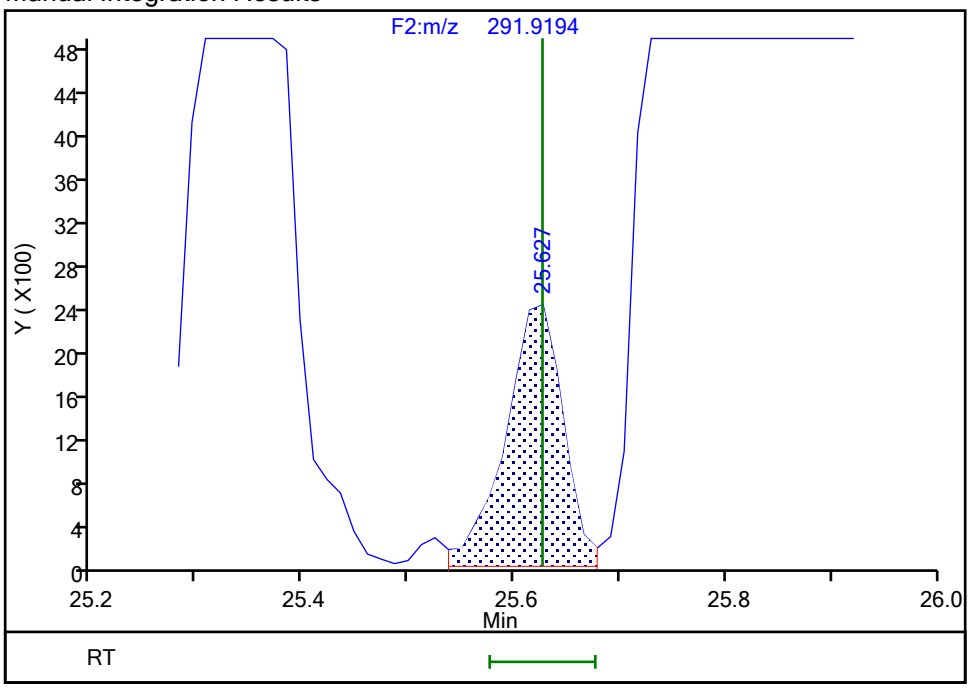
Not Detected
Expected RT: 25.63

Processing Integration Results



Manual Integration Results

RT: 25.63
Area: 9020
Amount: 0.368764
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:07:18 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

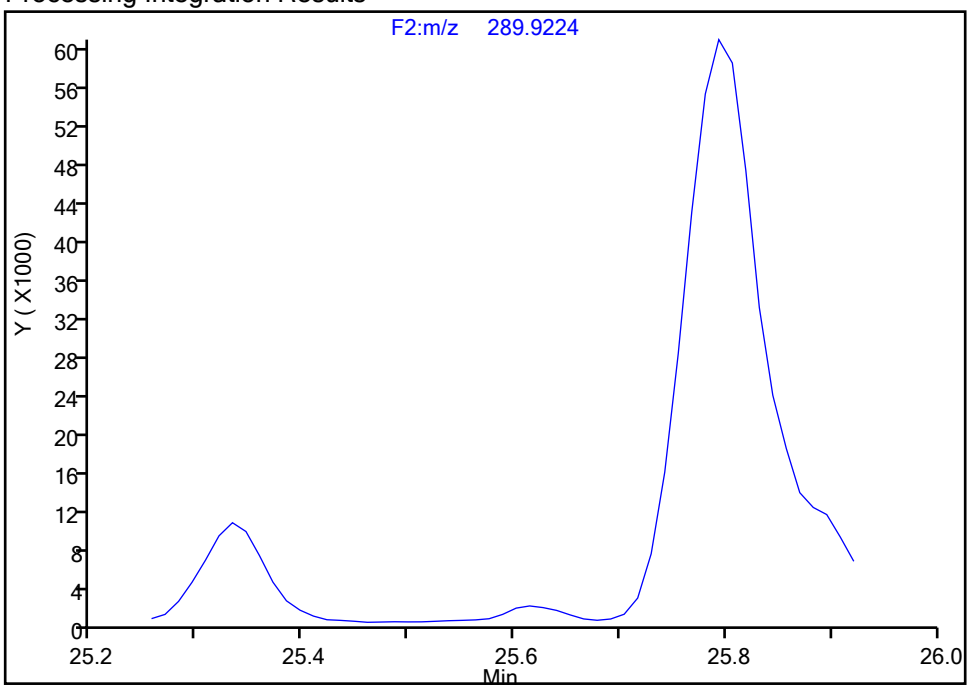
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-48, CAS: 70362-47-9

Signal: 1

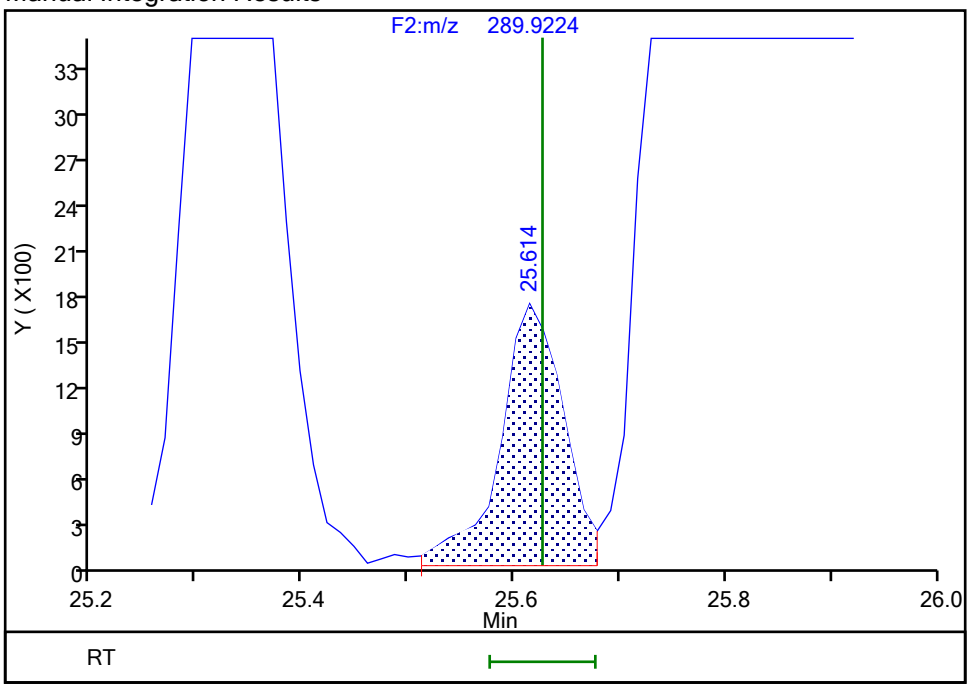
Not Detected
Expected RT: 25.63

Processing Integration Results



Manual Integration Results

RT: 25.61
Area: 7138
Amount: 0.368764
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:07:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

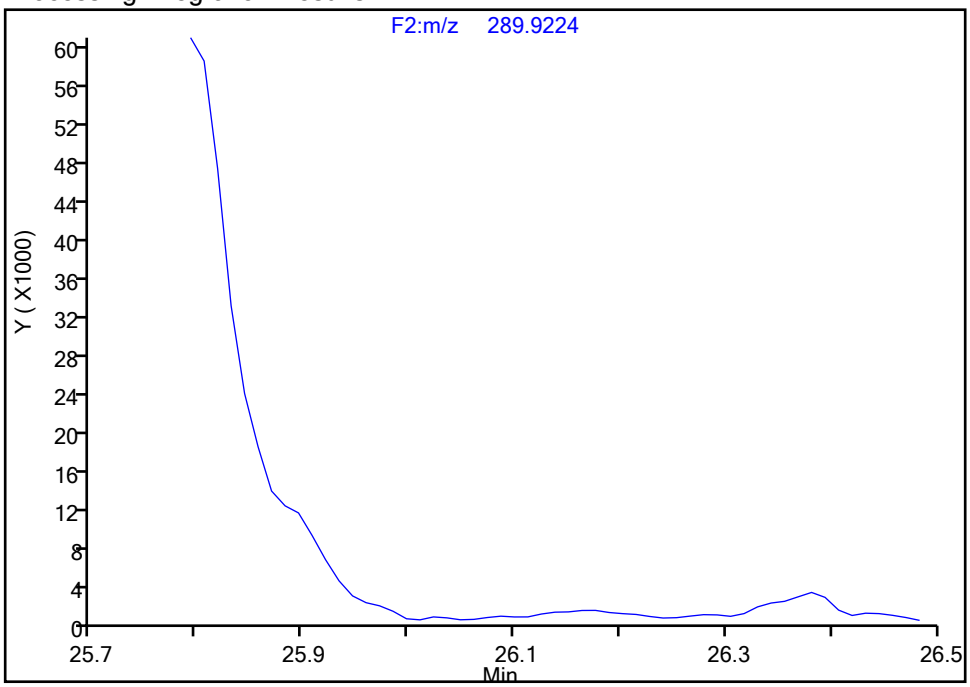
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-59/62/75, CAS: STL01807

Signal: 1

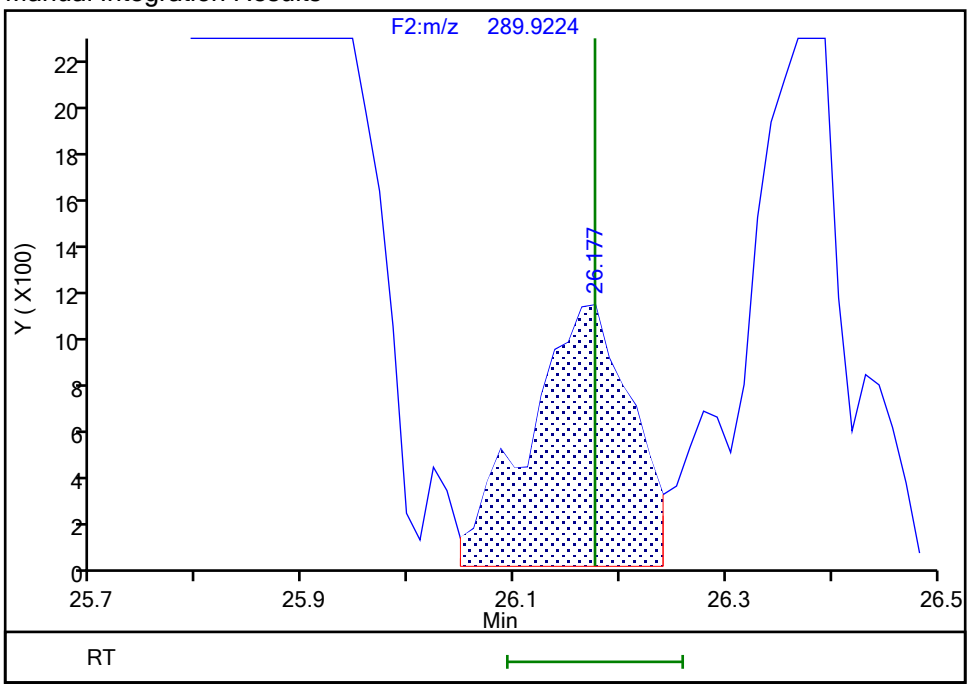
Not Detected
Expected RT: 26.18

Processing Integration Results



Manual Integration Results

RT: 26.18
Area: 7292
Amount: 0.276352
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:07:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

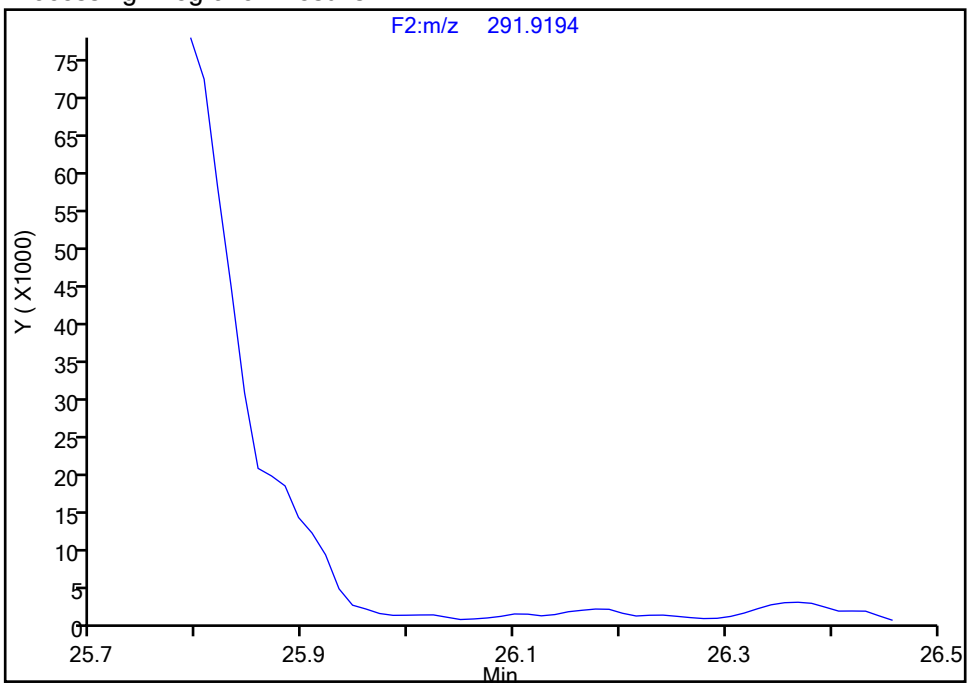
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-59/62/75, CAS: STL01807

Signal: 2

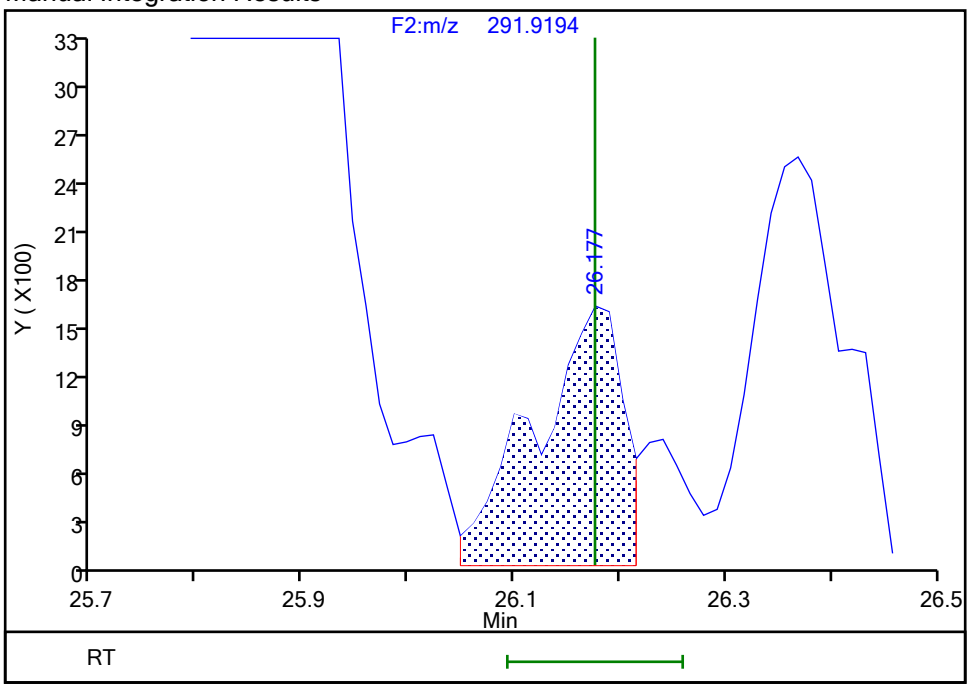
Not Detected
Expected RT: 26.18

Processing Integration Results



Manual Integration Results

RT: 26.18
Area: 8908
Amount: 0.276352
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:07:48 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

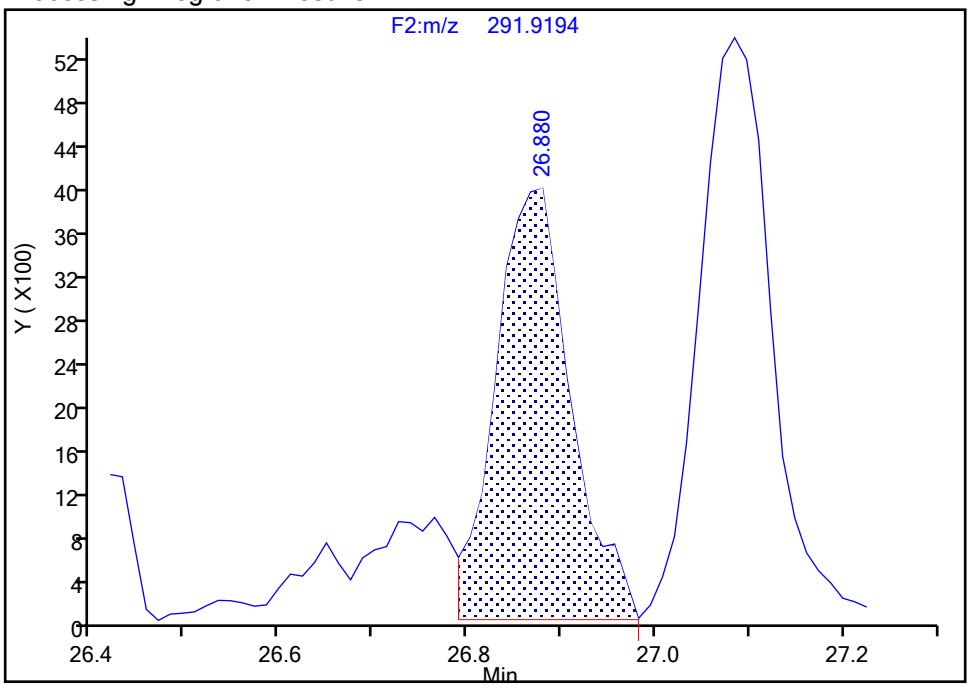
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 2

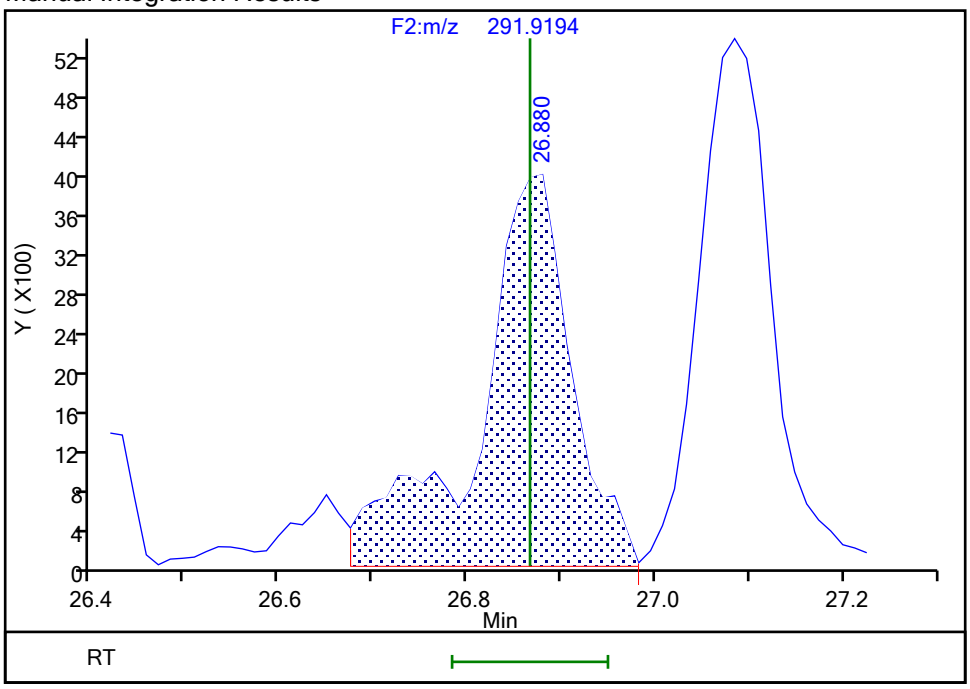
Processing Integration Results

RT: 26.88
Area: 21899
Amount: 0.909533
Amount Units: pg/ul



Manual Integration Results

RT: 26.88
Area: 27101
Amount: 1.116576
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:07:59 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

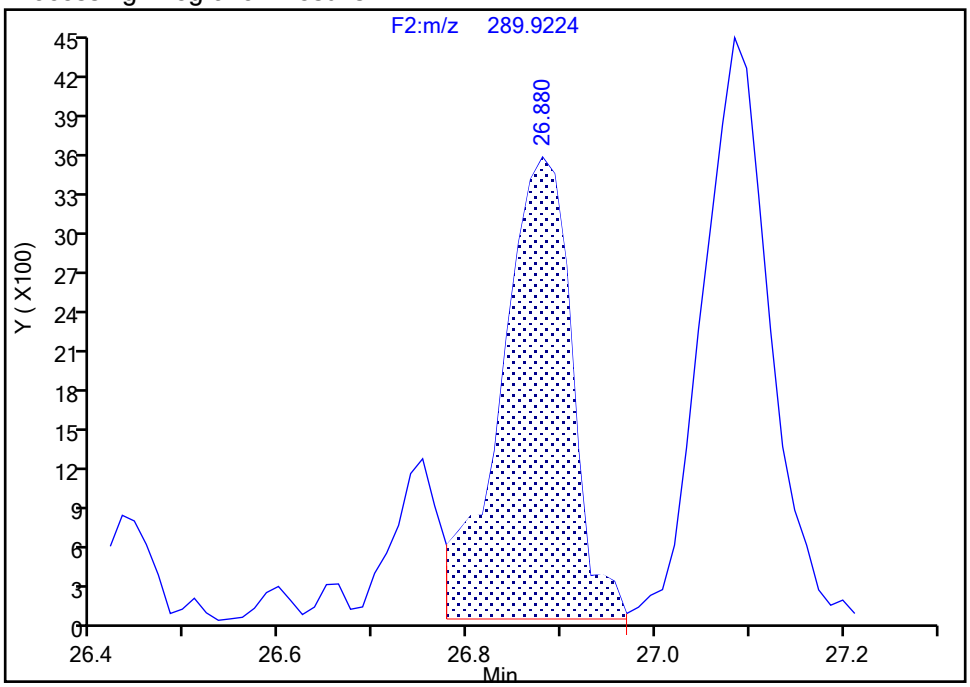
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

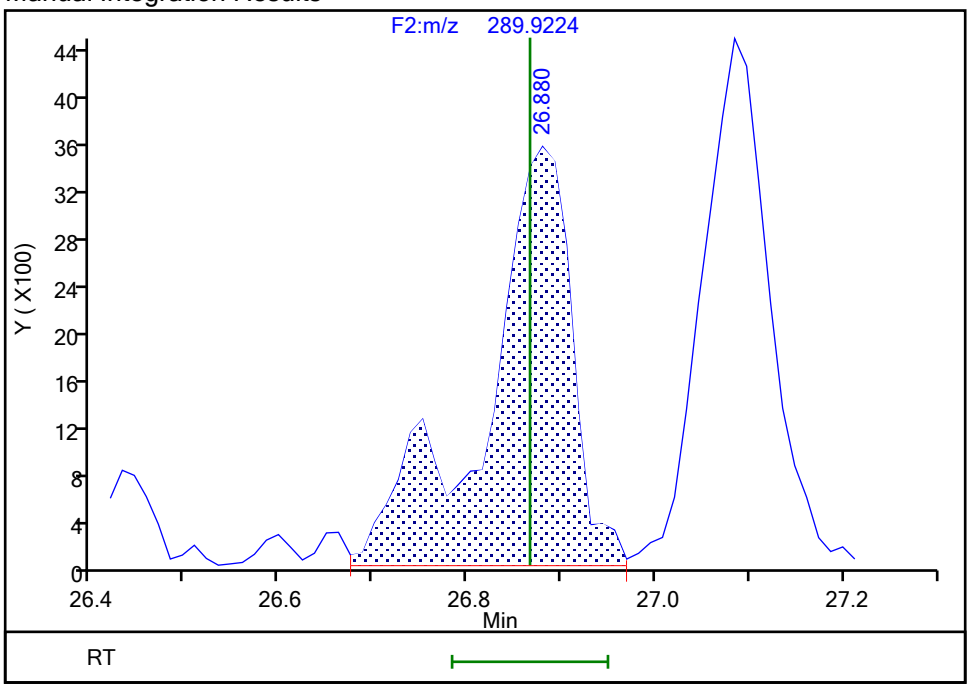
Processing Integration Results

RT: 26.88
Area: 18547
Amount: 0.909533
Amount Units: pg/ul



Manual Integration Results

RT: 26.88
Area: 22552
Amount: 1.116576
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:08:06 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

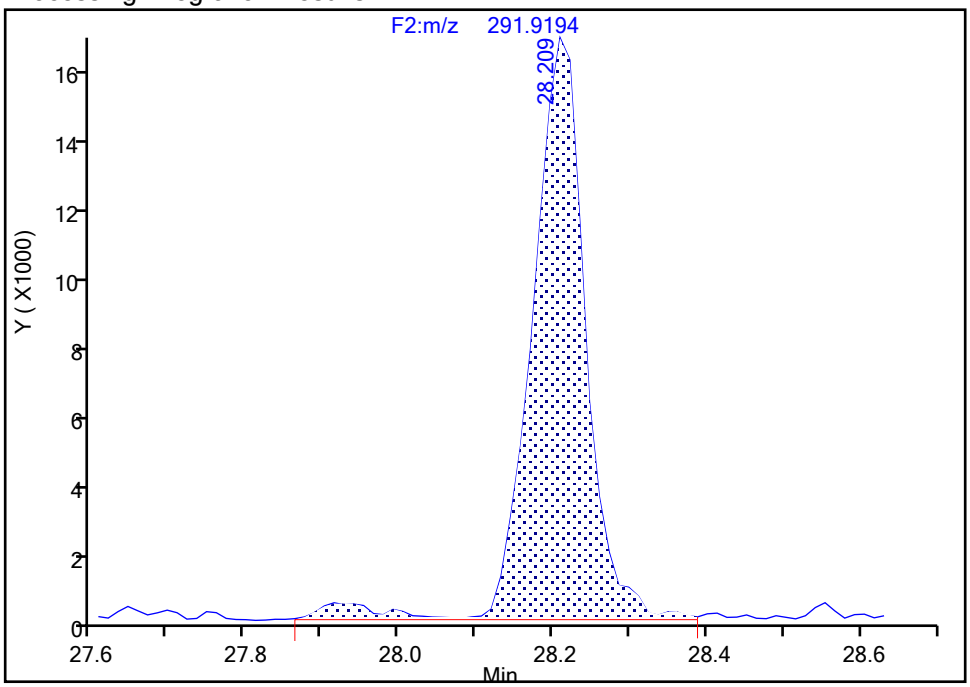
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-68, CAS: 73575-52-7

Signal: 2

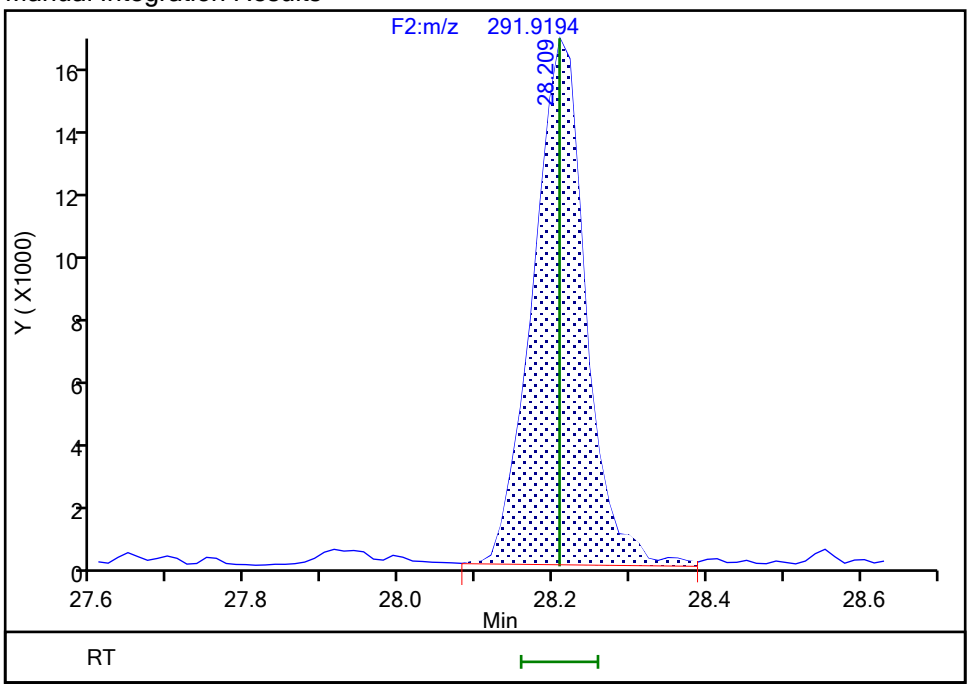
Processing Integration Results

RT: 28.21
Area: 81088
Amount: 2.284494
Amount Units: pg/ul



Manual Integration Results

RT: 28.21
Area: 78504
Amount: 2.245143
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:08:16 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

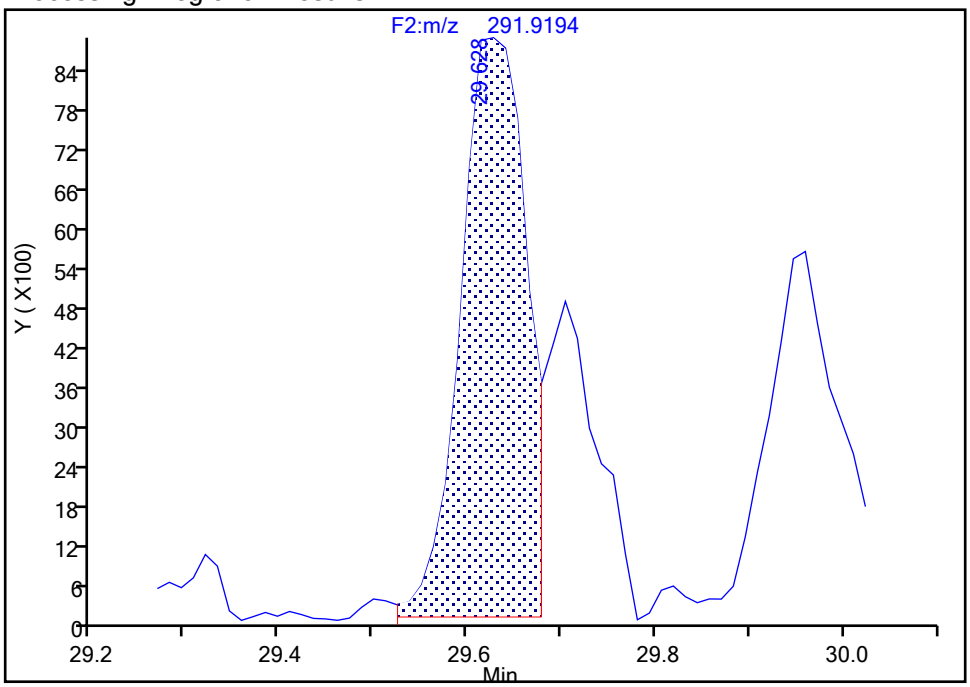
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-61/70/74/76, CAS: STL01808

Signal: 2

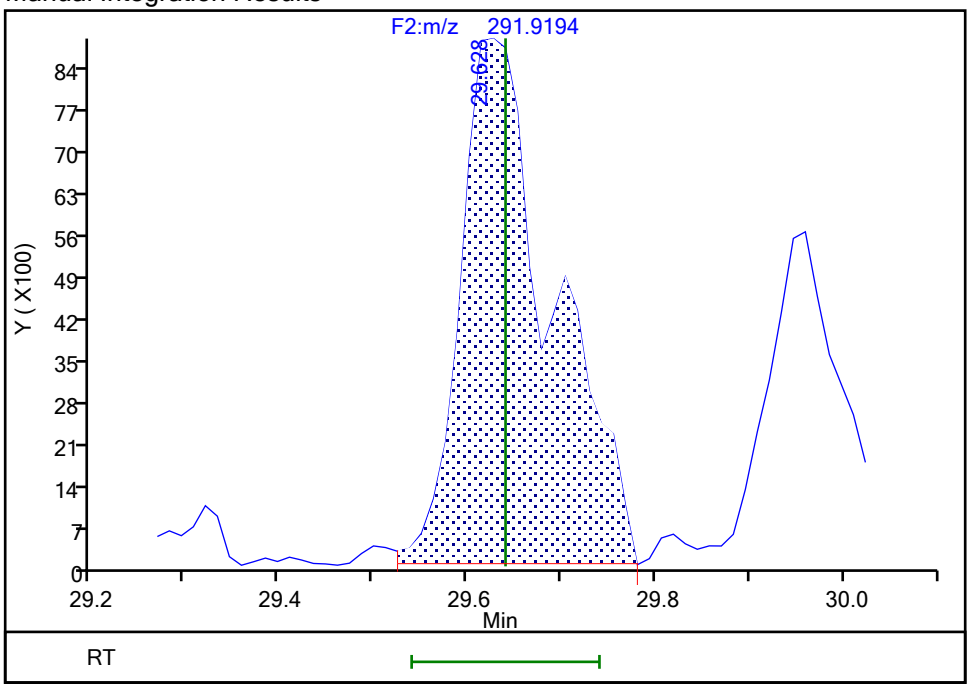
Processing Integration Results

RT: 29.63
Area: 42135
Amount: 1.315608
Amount Units: pg/ul



Manual Integration Results

RT: 29.63
Area: 60556
Amount: 1.588848
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:08:32 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

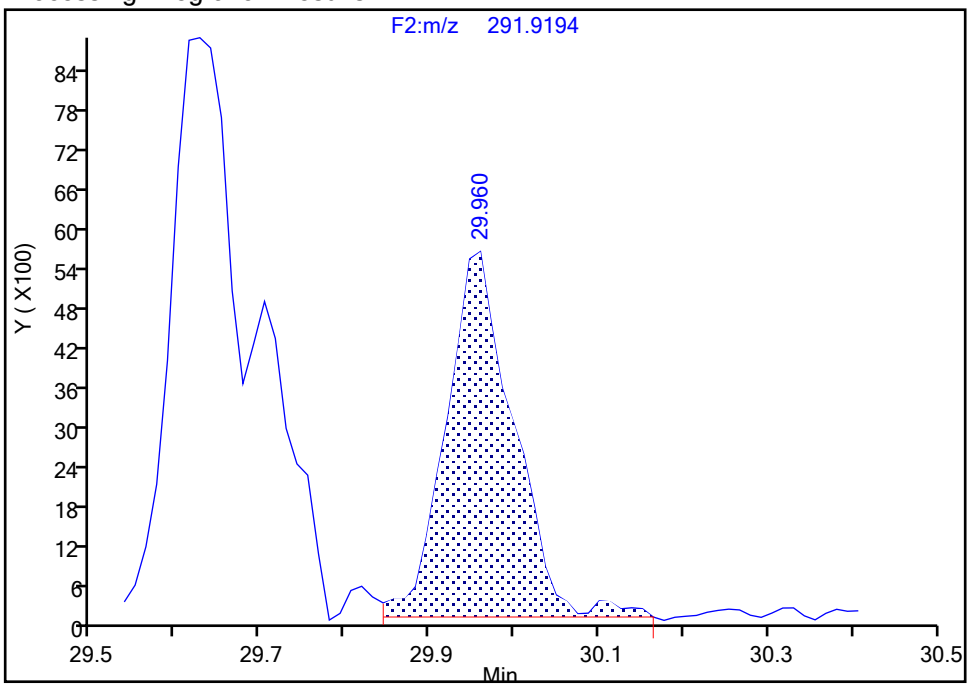
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-66, CAS: 32598-10-0

Signal: 2

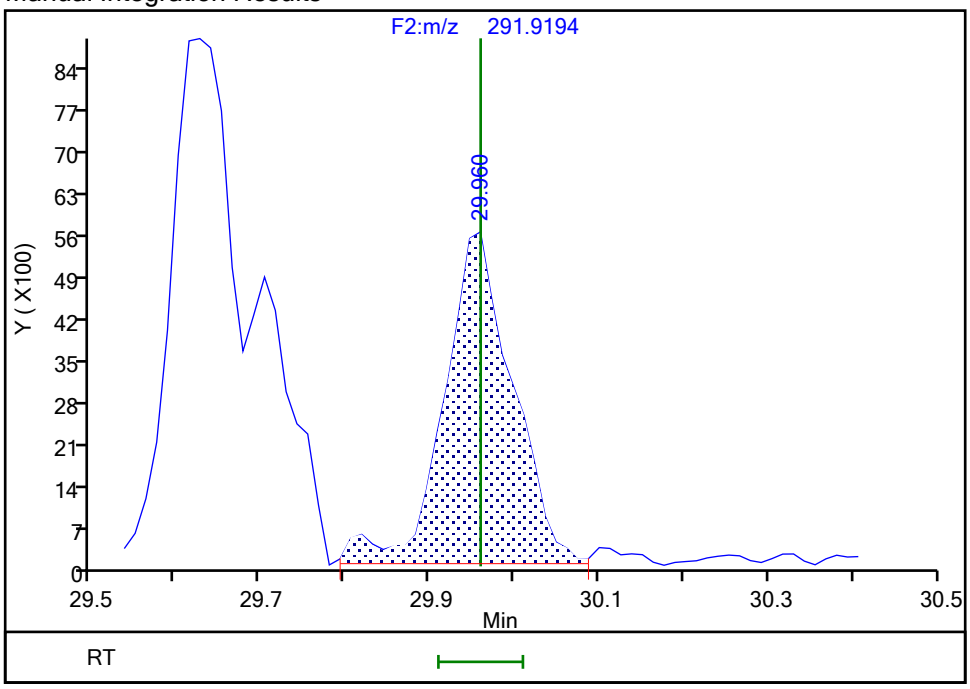
Processing Integration Results

RT: 29.96
Area: 30748
Amount: 0.726548
Amount Units: pg/ul



Manual Integration Results

RT: 29.96
Area: 31715
Amount: 0.773276
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:08:41 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

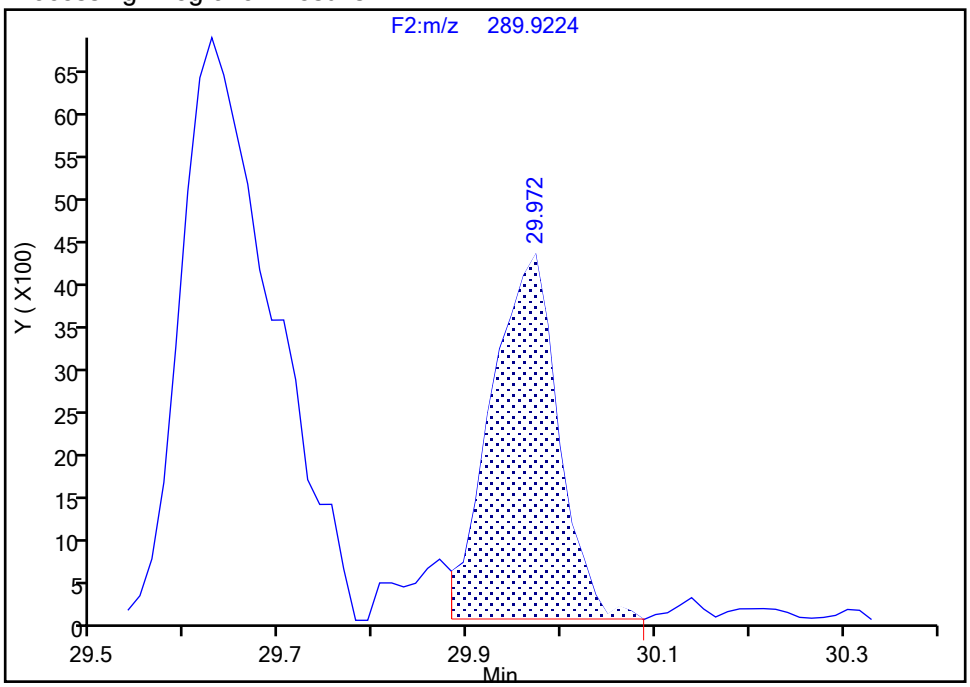
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-66, CAS: 32598-10-0

Signal: 1

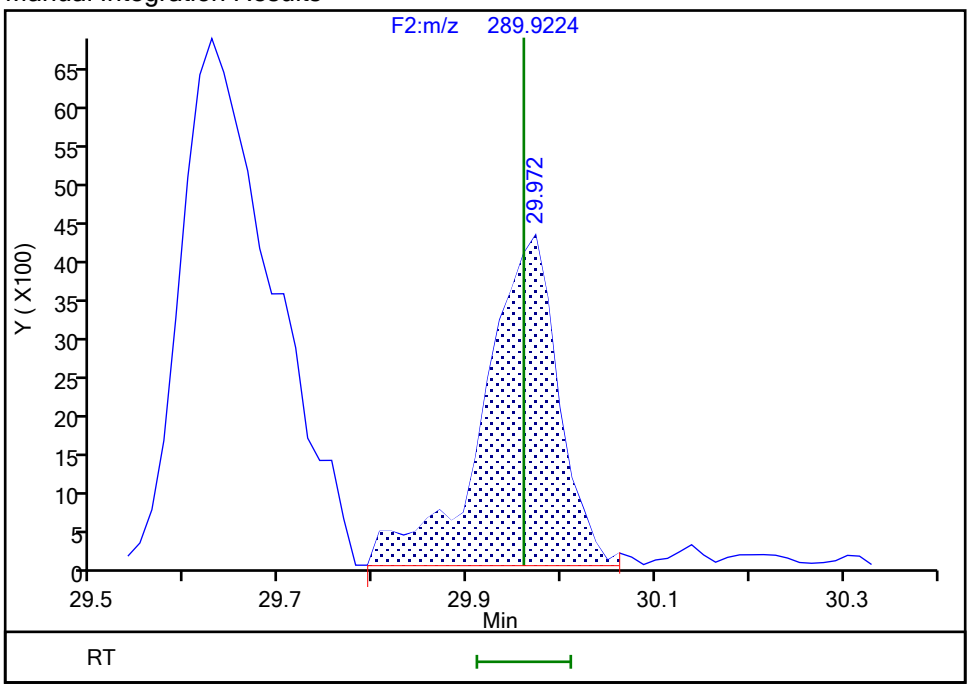
Processing Integration Results

RT: 29.97
Area: 21526
Amount: 0.726548
Amount Units: pg/ul



Manual Integration Results

RT: 29.97
Area: 23921
Amount: 0.773276
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:08:49 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

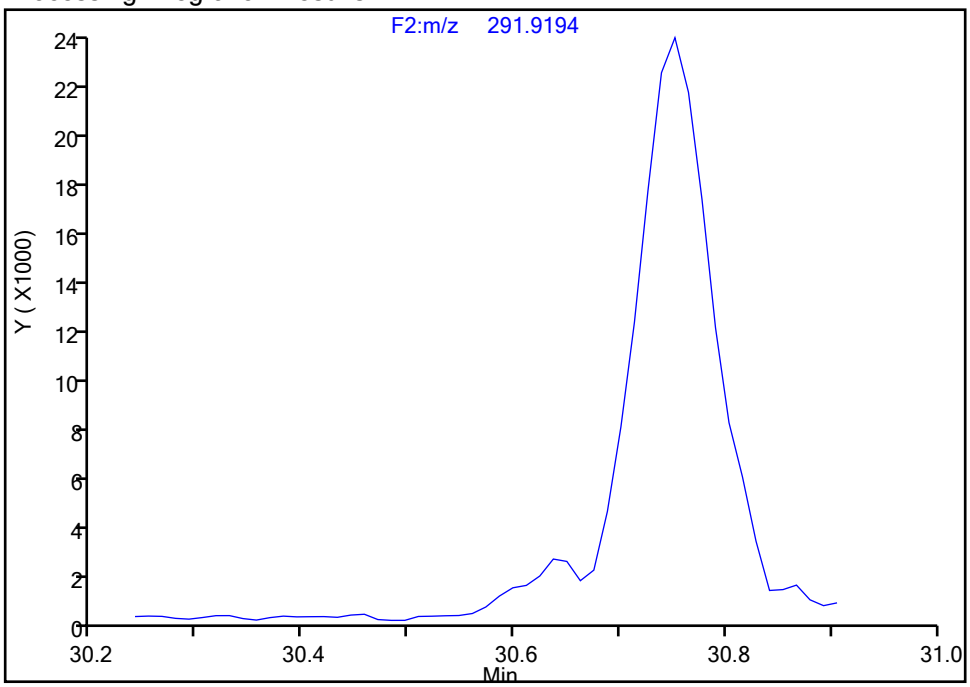
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-56, CAS: 41464-43-1

Signal: 2

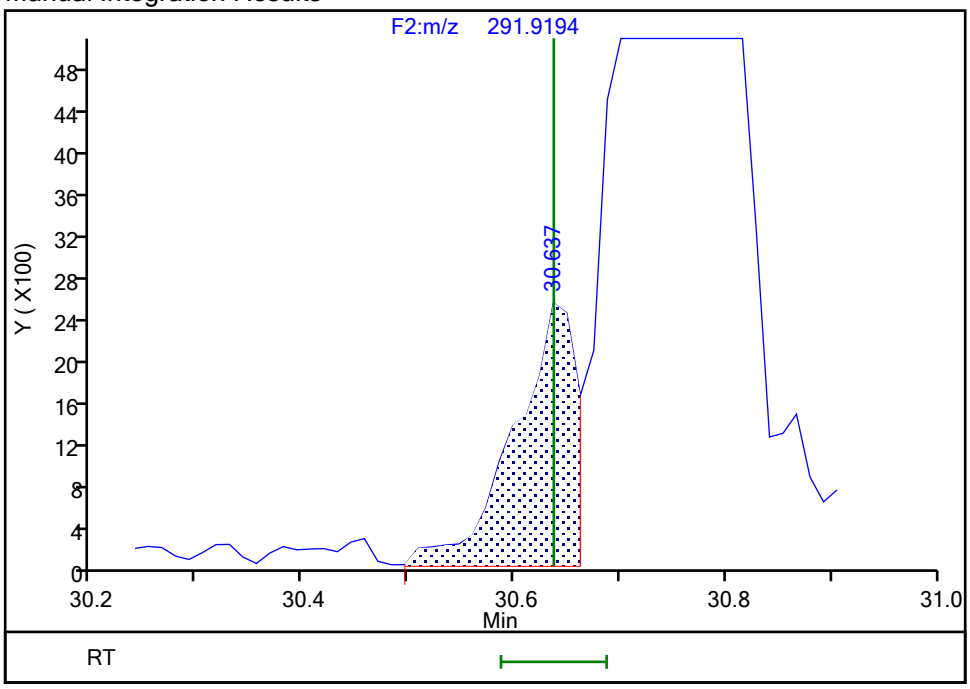
Not Detected
Expected RT: 30.64

Processing Integration Results



Manual Integration Results

RT: 30.64
Area: 9818
Amount: 0.231126
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:09:30 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

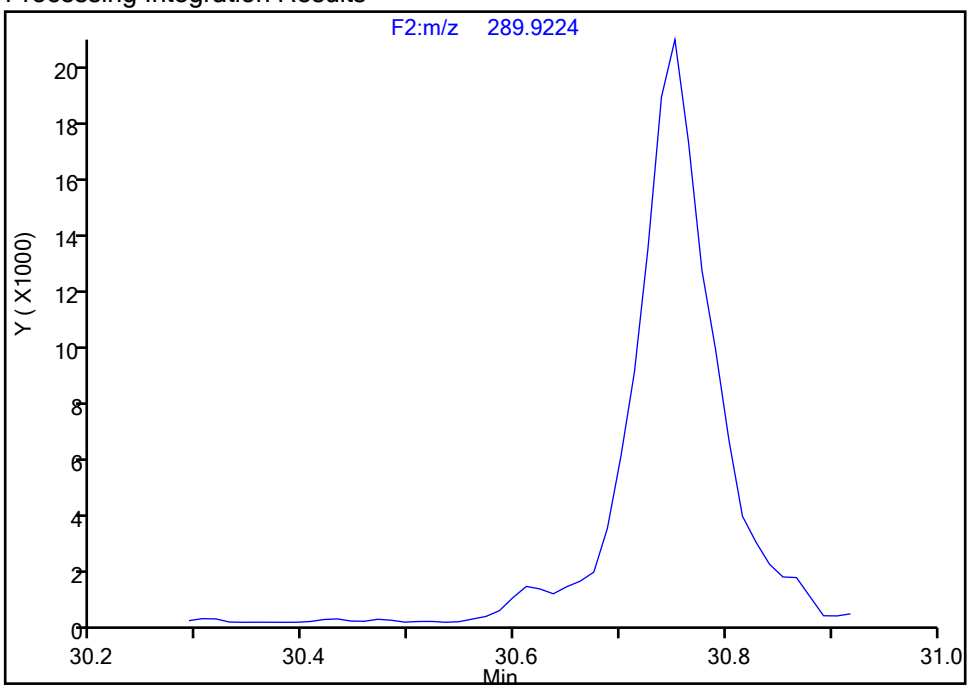
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-56, CAS: 41464-43-1

Signal: 1

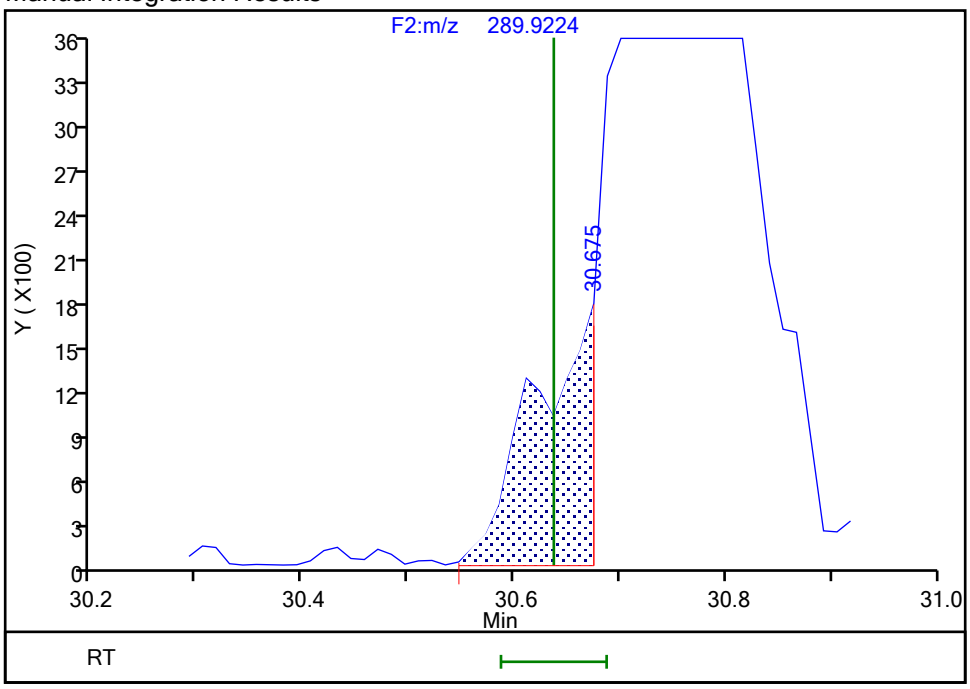
Not Detected
Expected RT: 30.64

Processing Integration Results



Manual Integration Results

RT: 30.67
Area: 6590
Amount: 0.231126
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:11:32 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

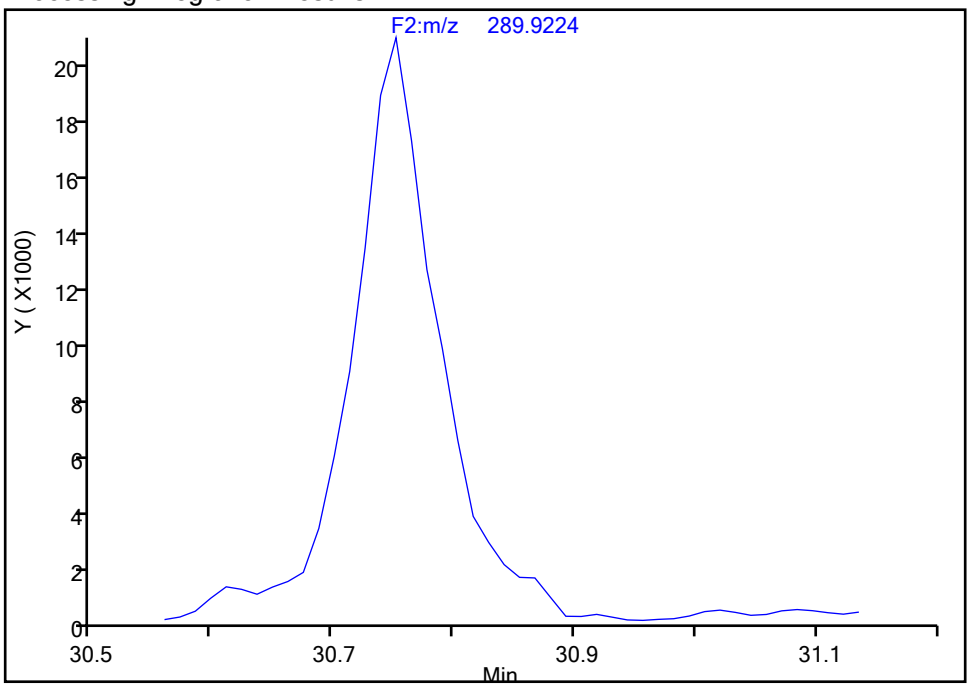
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 1

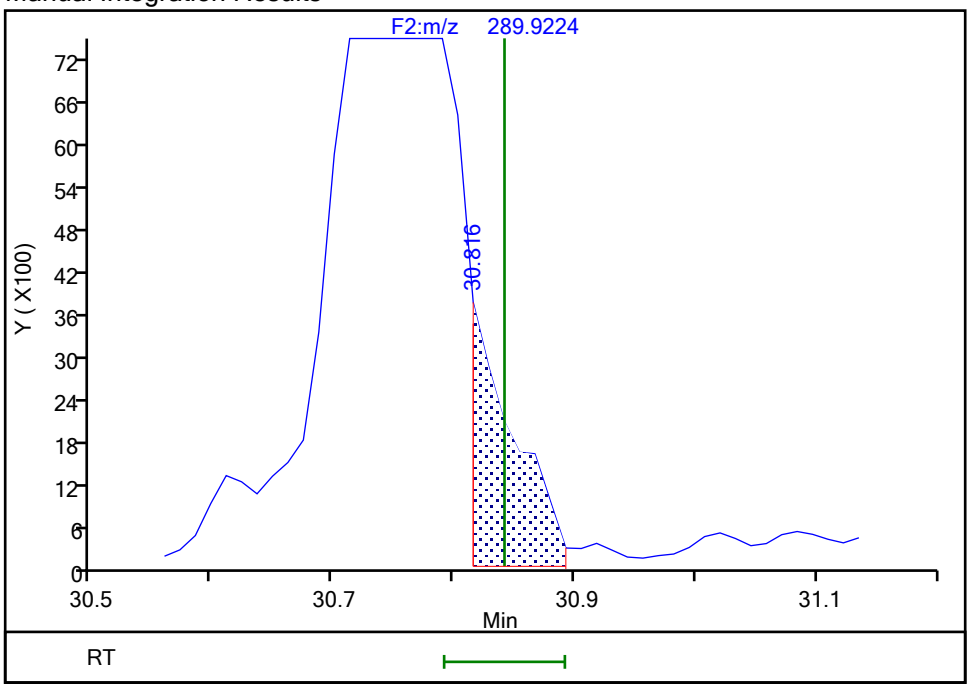
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.82
Area: 8390
Amount: 0.277482
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:10:27 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

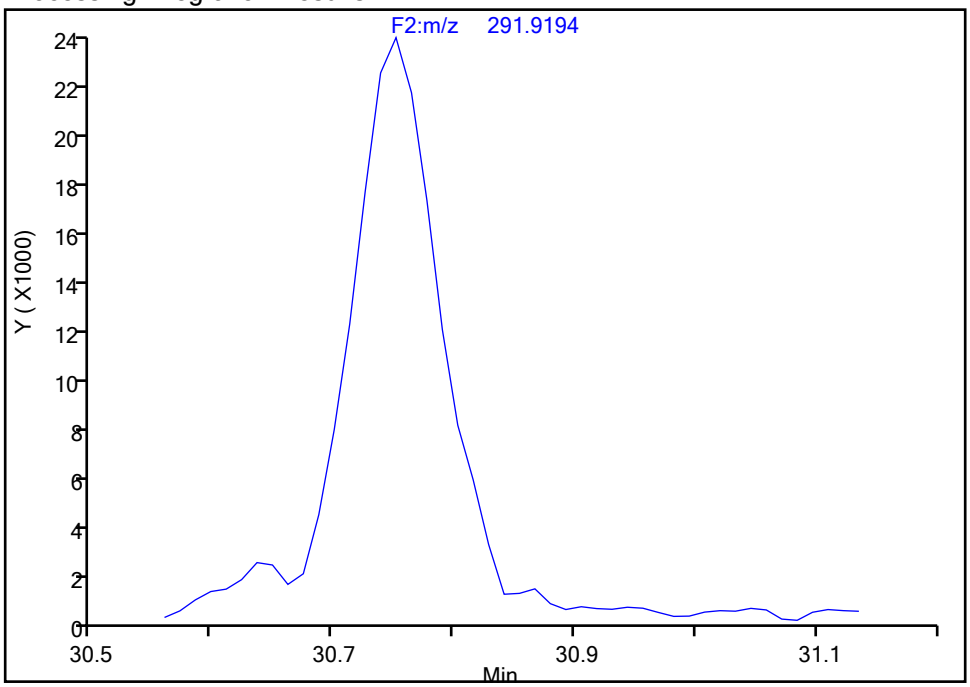
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 2

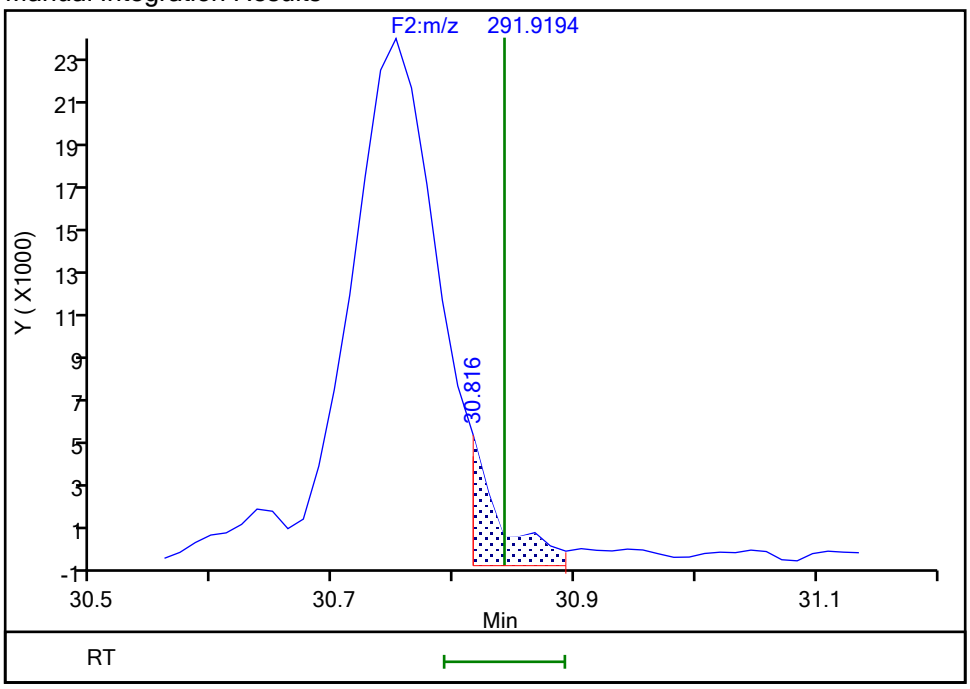
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.82
Area: 8705
Amount: 0.277482
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:10:34 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

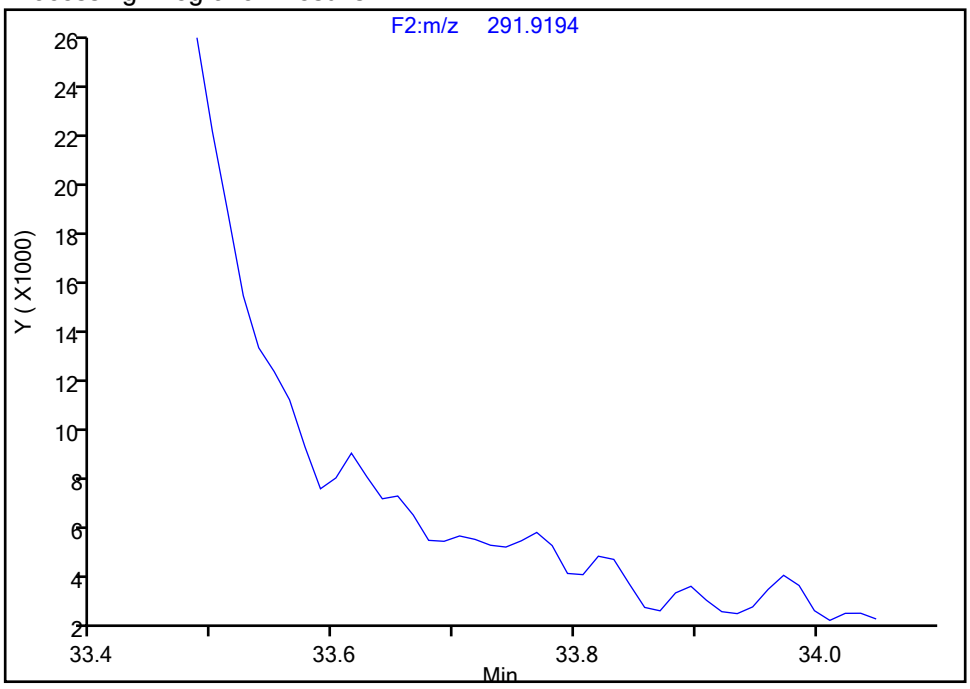
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 2

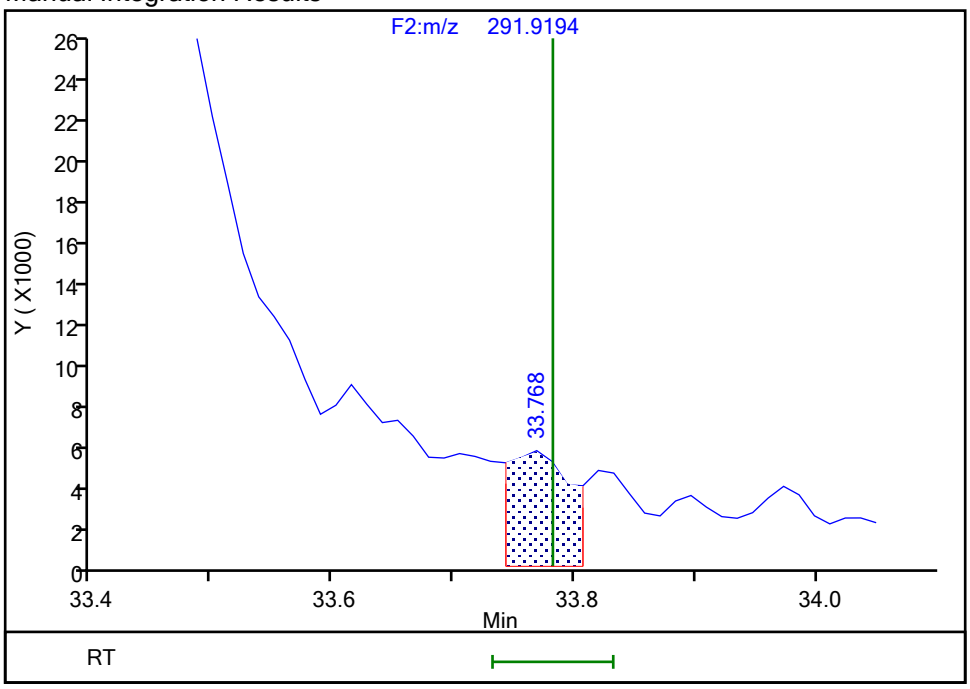
Not Detected
Expected RT: 33.78

Processing Integration Results



Manual Integration Results

RT: 33.77
Area: 18658
Amount: 0.585581
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:12:07 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

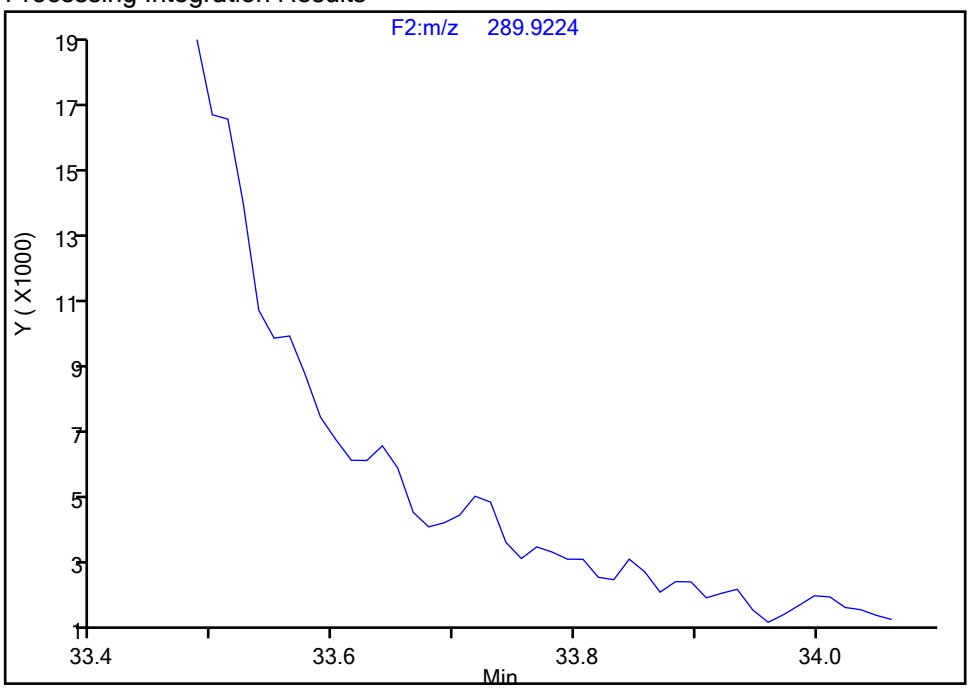
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 1

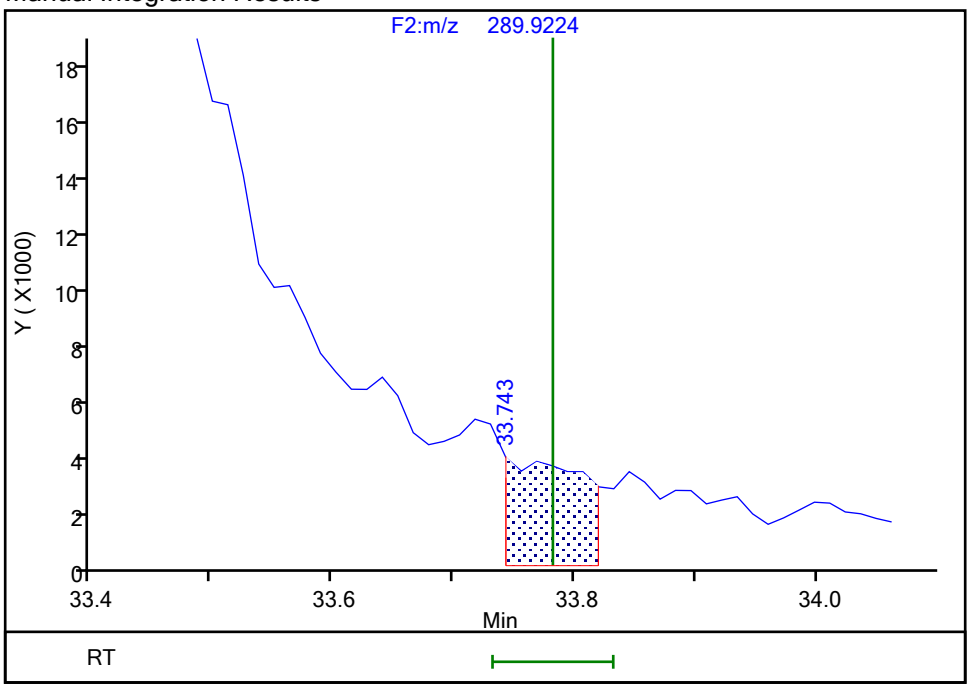
Not Detected
Expected RT: 33.78

Processing Integration Results



Manual Integration Results

RT: 33.74
Area: 15304
Amount: 0.585581
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:12:15 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

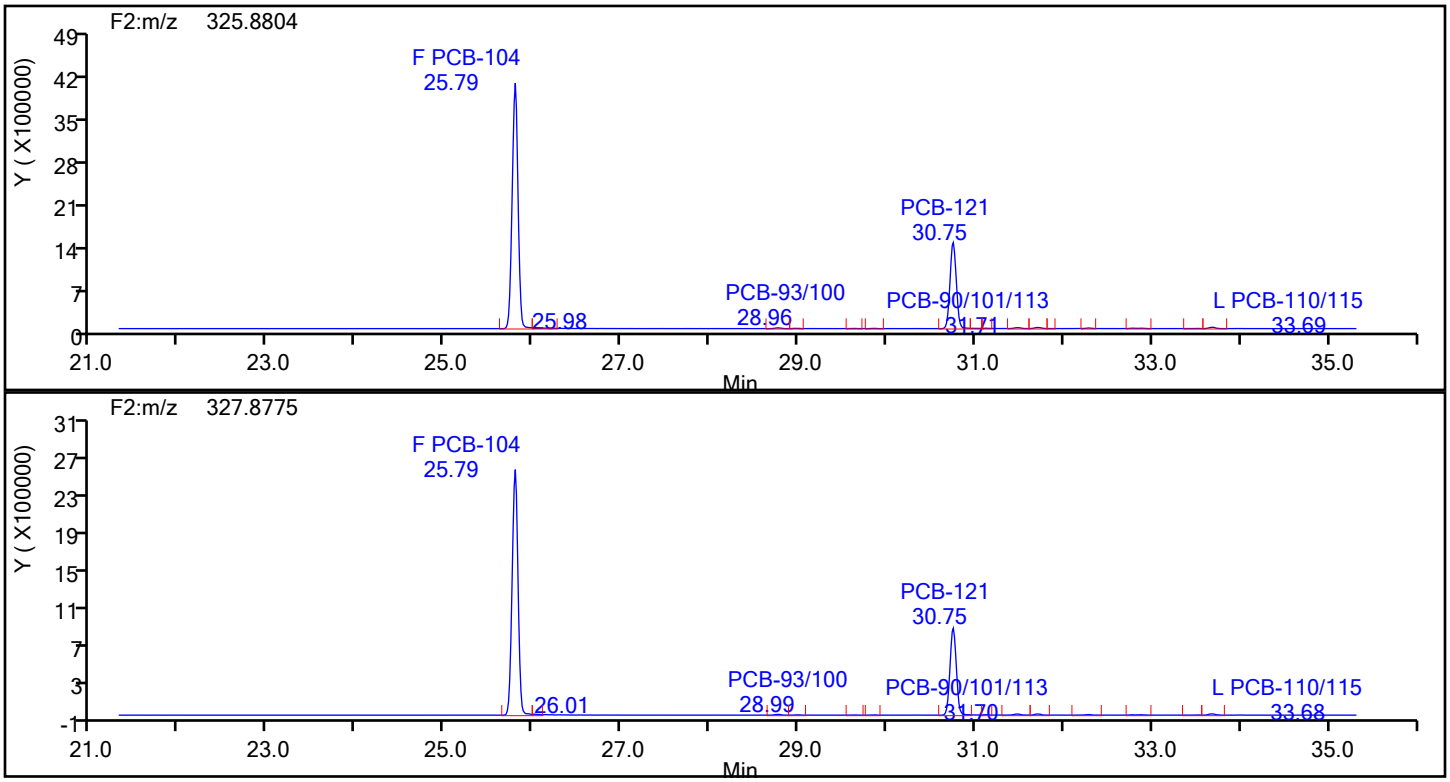
Report Date: 04-Jan-2024 22:55:29 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

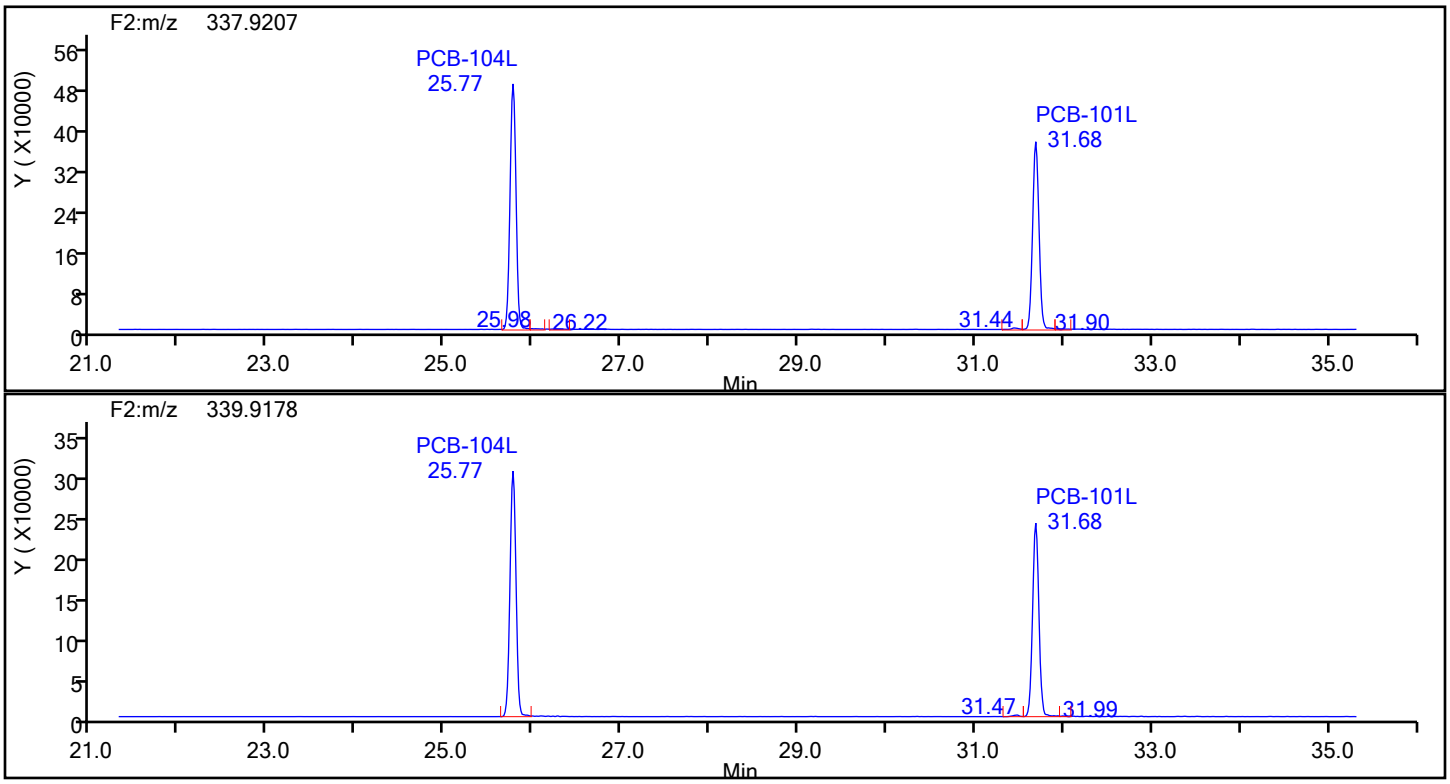
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

PePCB F2



PePCB F2 Standards

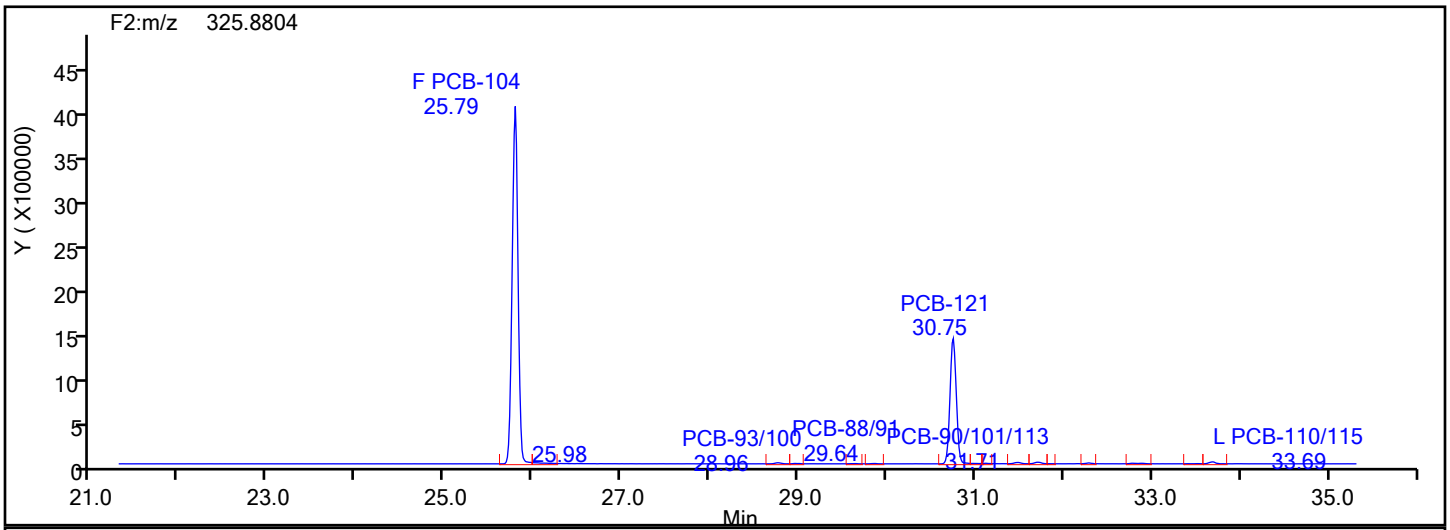


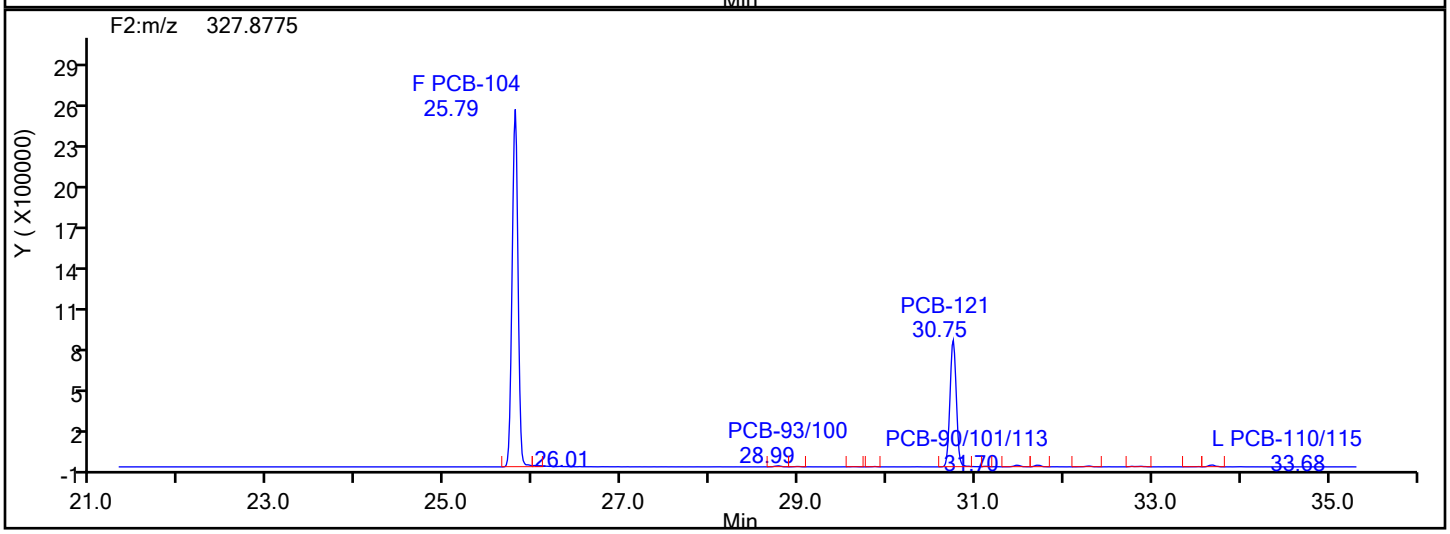
Report Date: 04-Jan-2024 22:55:29 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

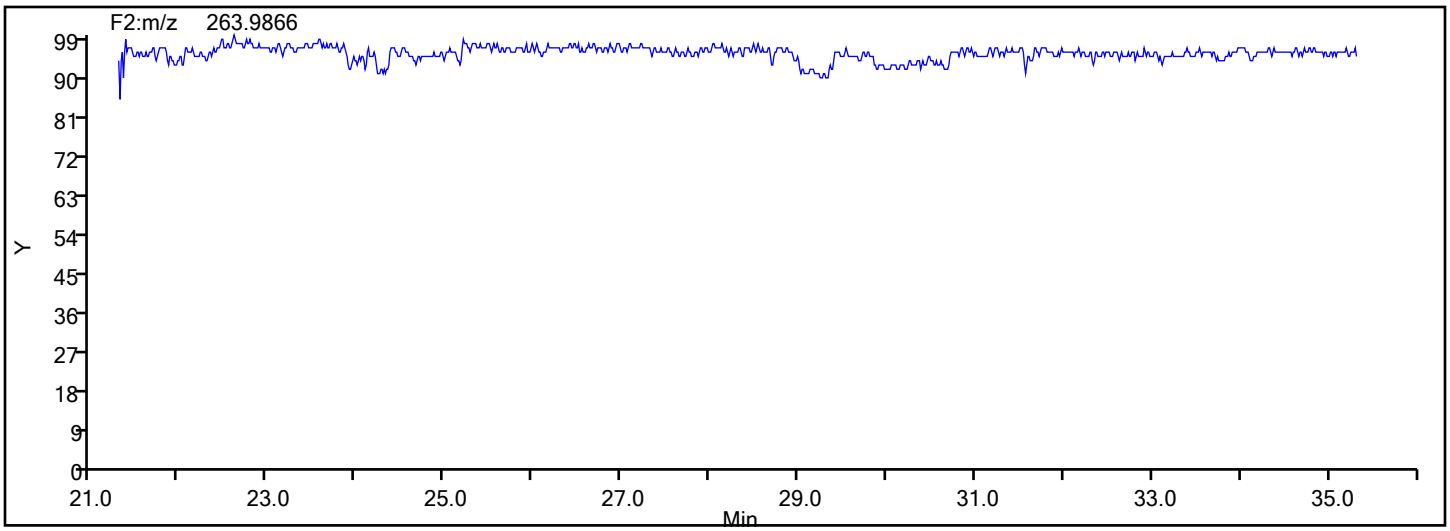
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

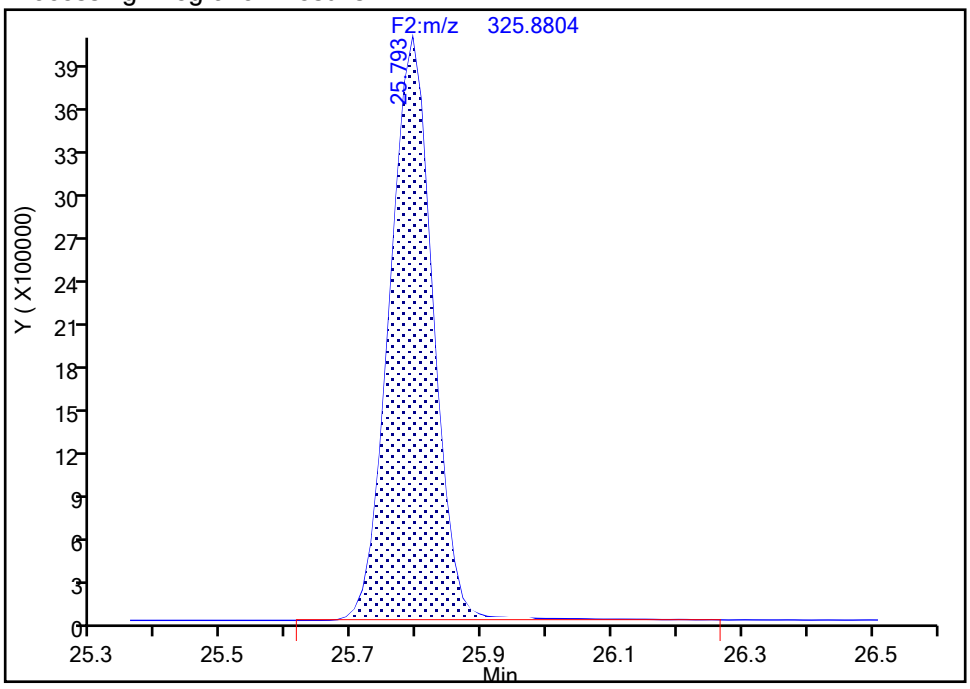
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-104, CAS: 56558-16-8

Signal: 1

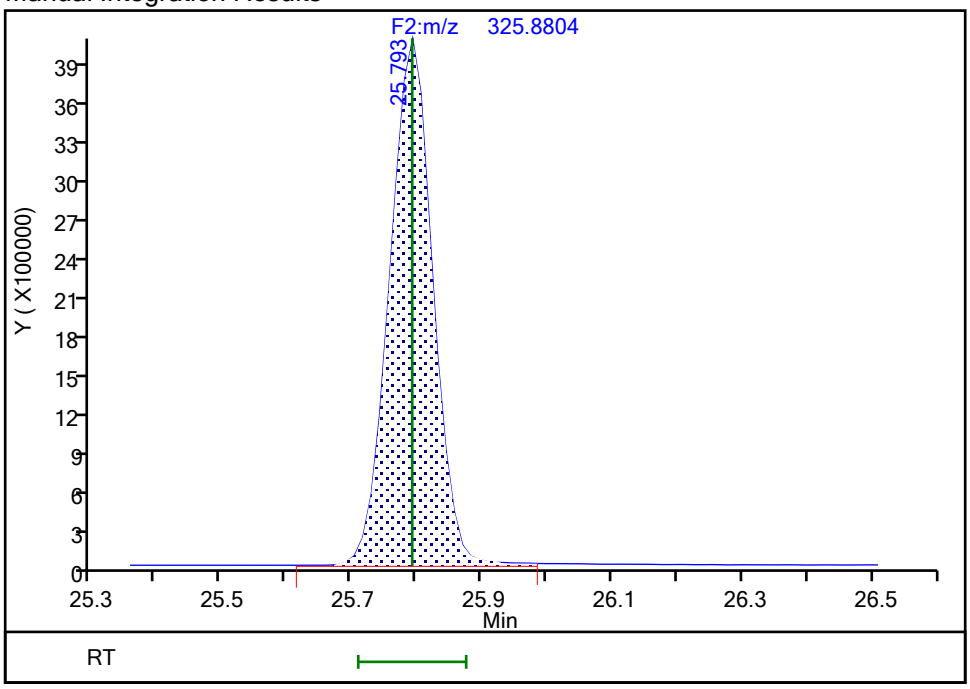
Processing Integration Results

RT: 25.79
Area: 18764991
Amount: 807.0161
Amount Units: pg/ul



Manual Integration Results

RT: 25.79
Area: 18630078
Amount: 803.4389
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:12:39 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

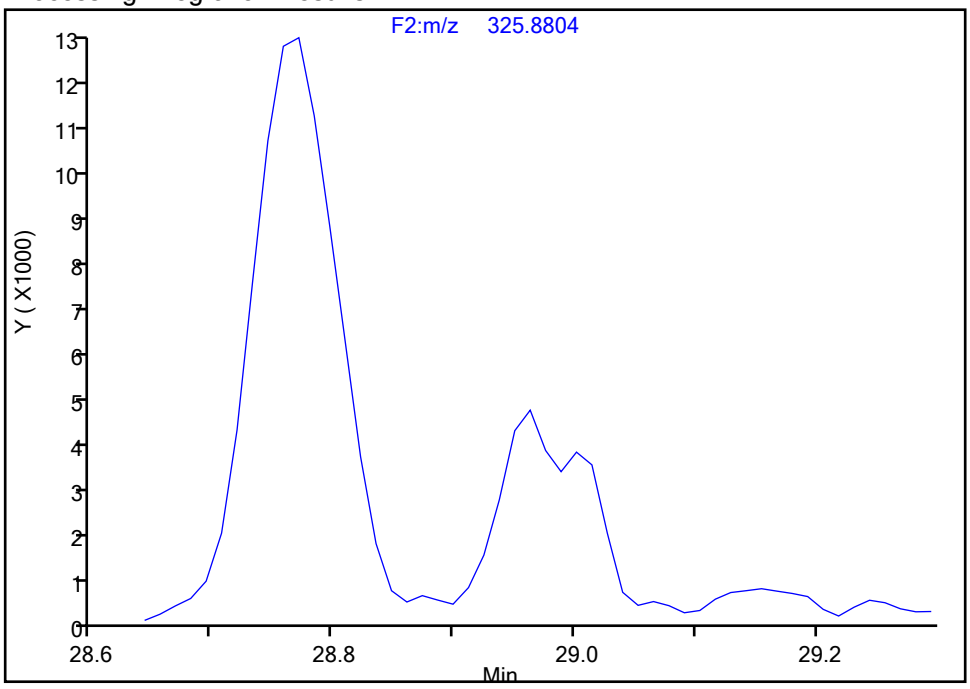
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 1

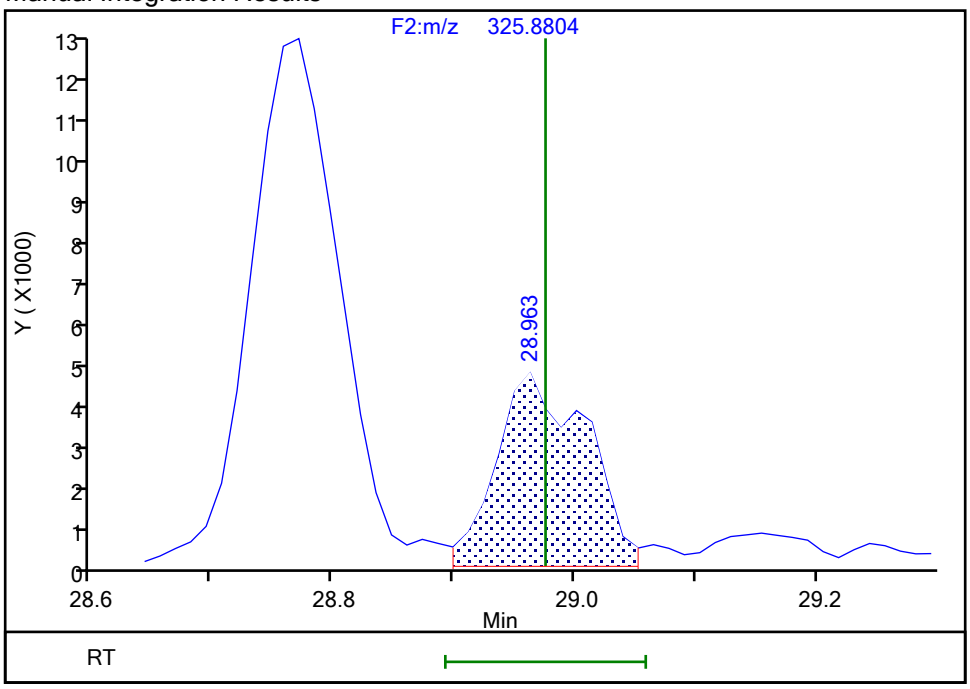
Not Detected
Expected RT: 28.98

Processing Integration Results



Manual Integration Results

RT: 28.96
Area: 22787
Amount: 1.254633
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:13:20 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

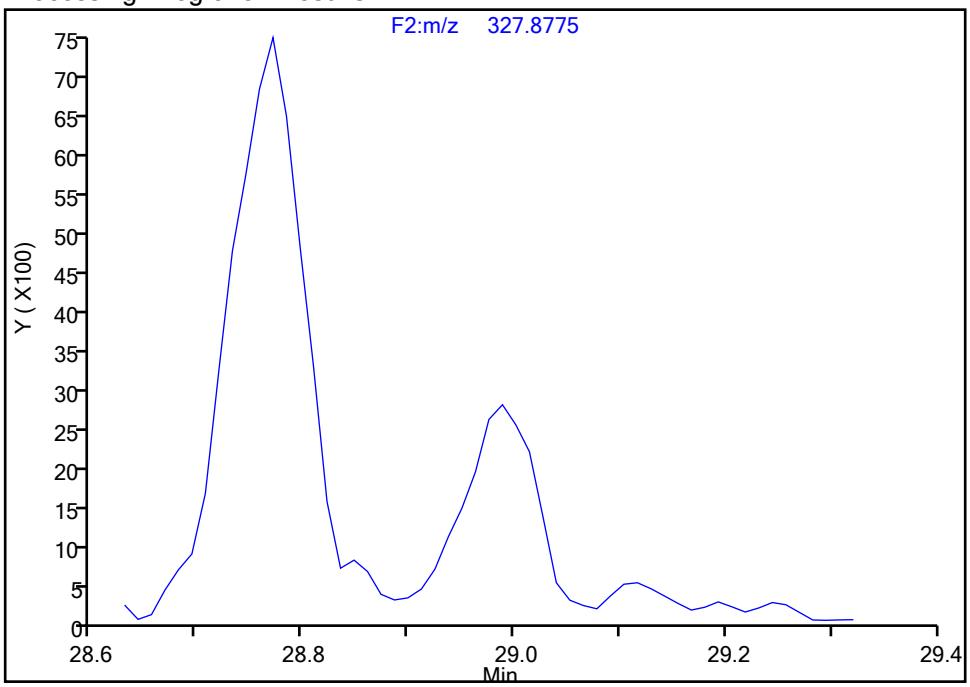
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 2

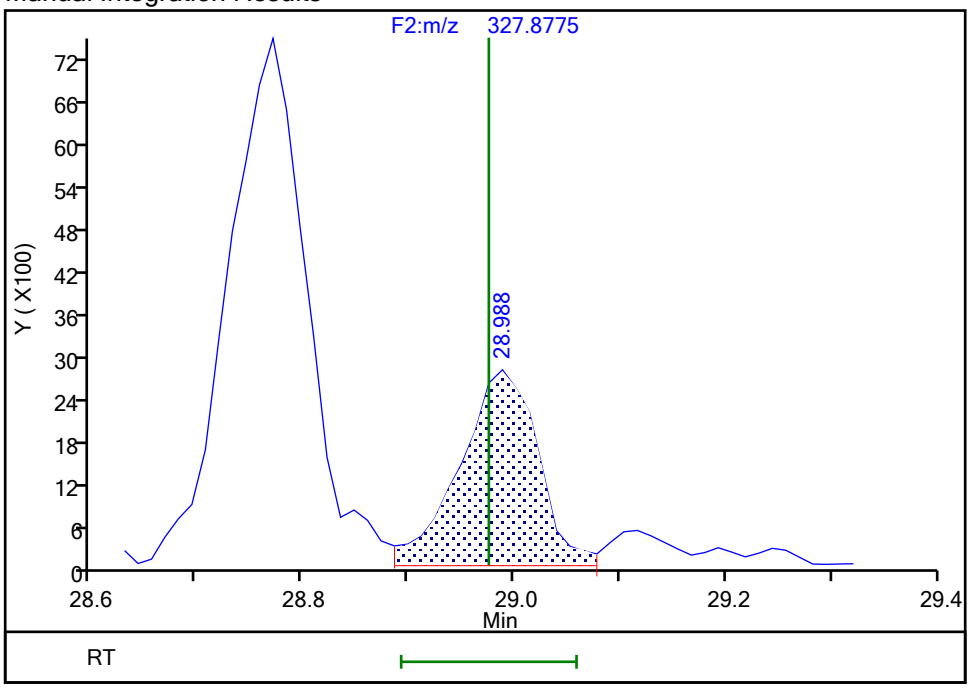
Not Detected
Expected RT: 28.98

Processing Integration Results



RT: 28.99
Area: 14062
Amount: 1.254633
Amount Units: pg/ul

Manual Integration Results



Reviewer: V4XA, 04-Jan-2024 20:13:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

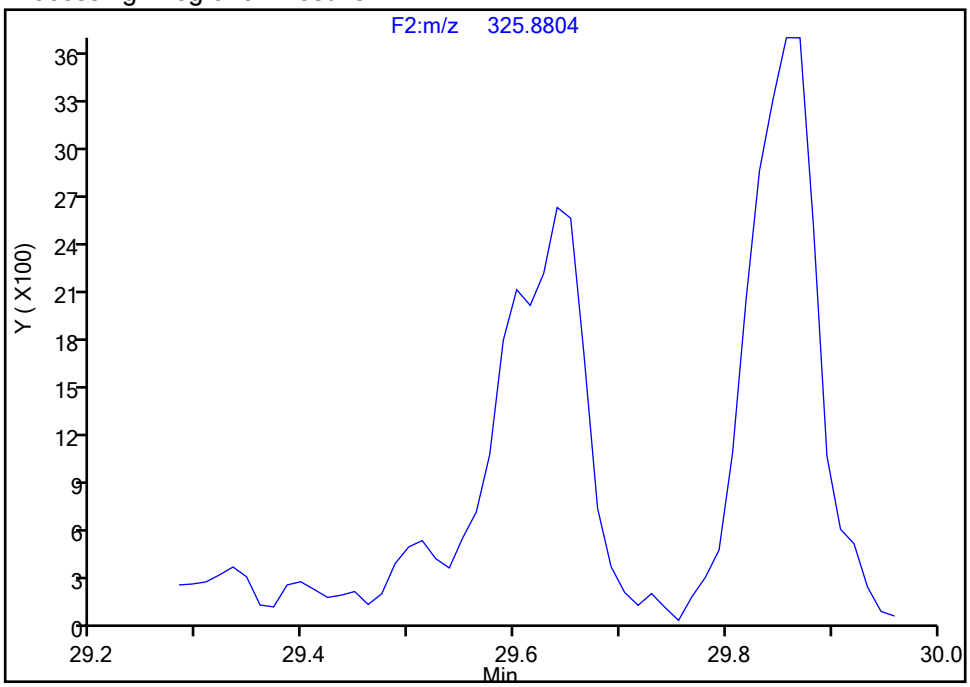
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 1

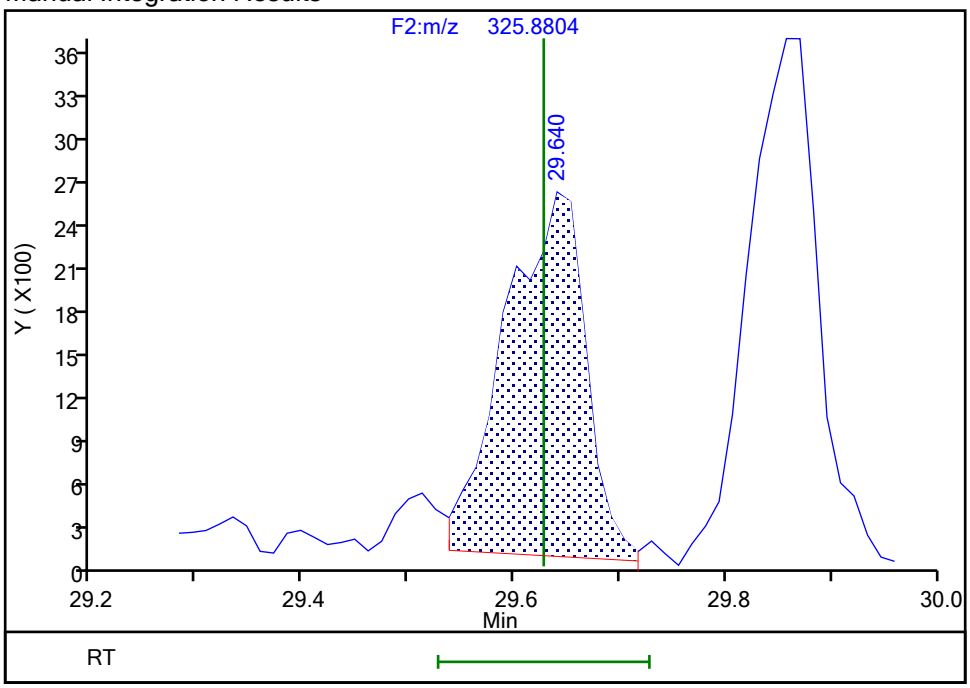
Not Detected
Expected RT: 29.63

Processing Integration Results



Manual Integration Results

RT: 29.64
Area: 13372
Amount: 0.737982
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:13:36 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

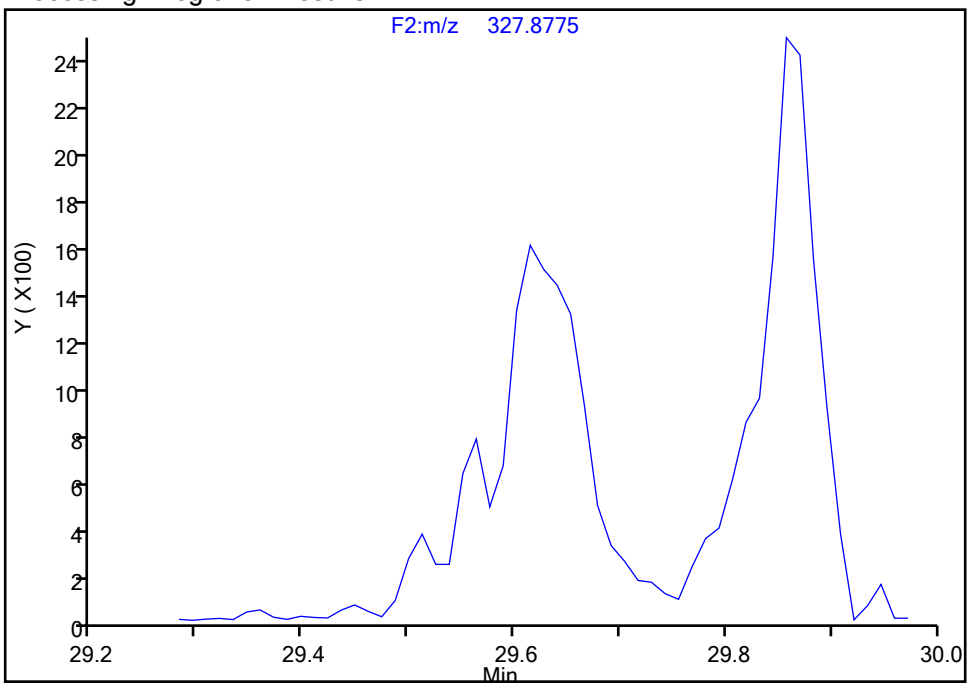
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 2

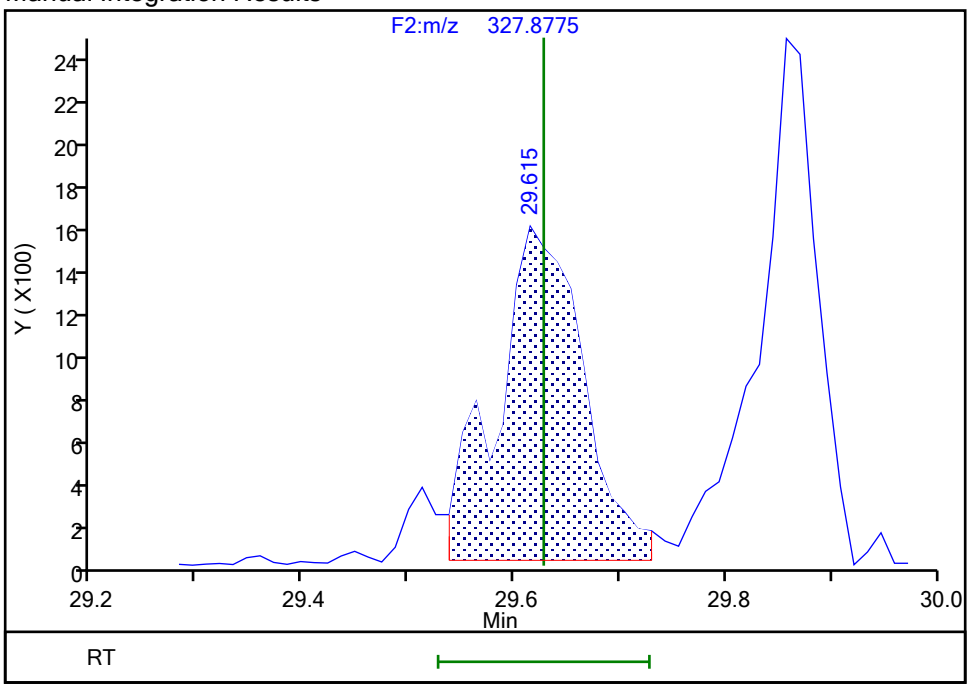
Processing Integration Results

Not Detected
Expected RT: 29.63



Manual Integration Results

RT:	29.61
Area:	8837
Amount:	0.737982
Amount Units:	pg/ul



Reviewer: V4XA, 04-Jan-2024 20:13:41 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

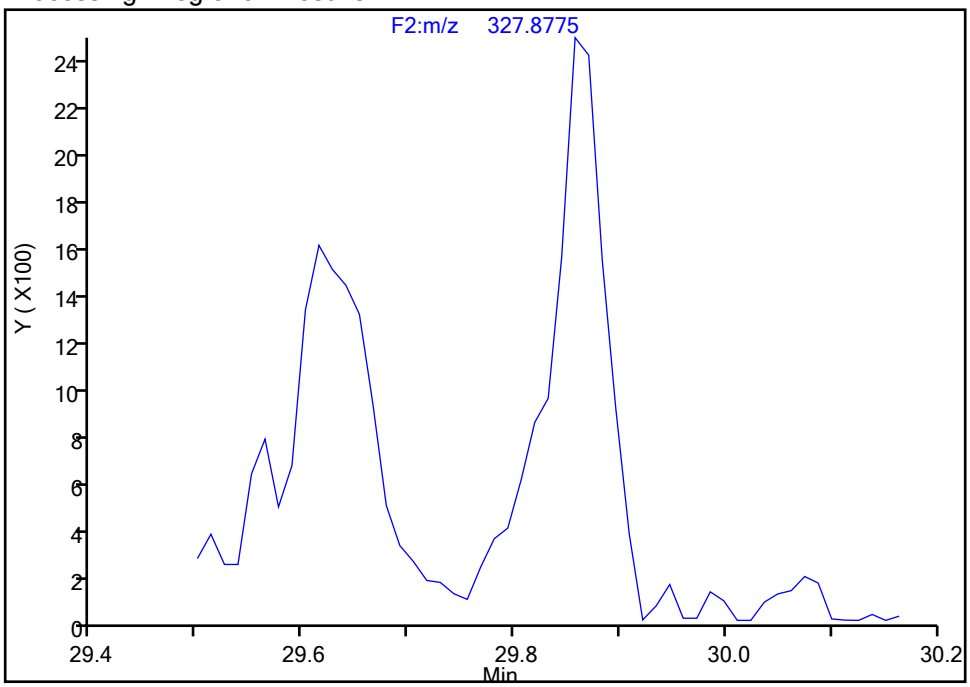
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-84, CAS: 52663-60-2

Signal: 2

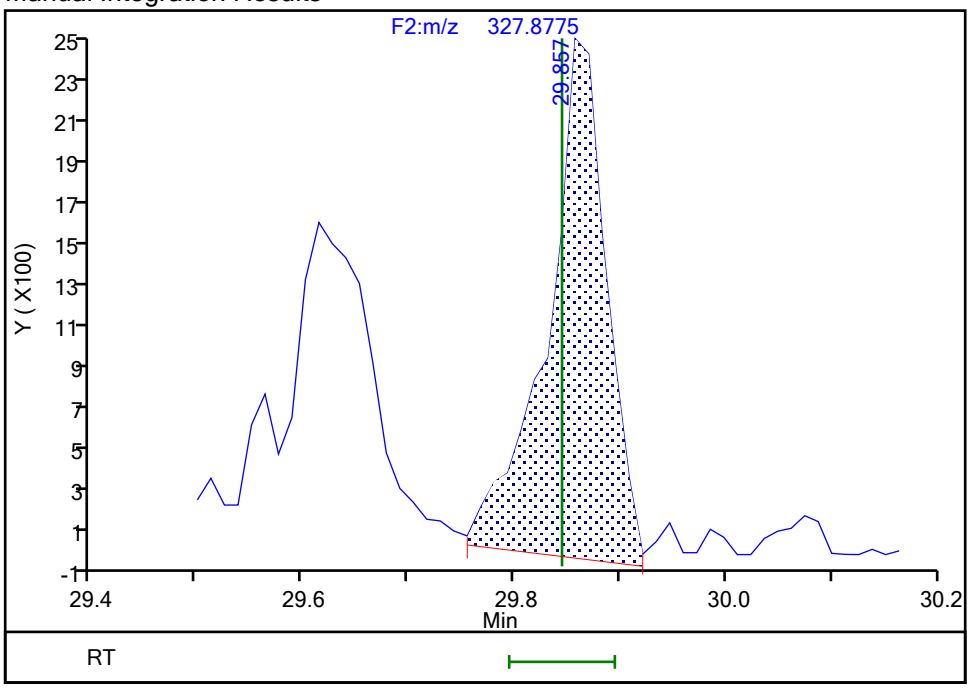
Not Detected
Expected RT: 29.84

Processing Integration Results



Manual Integration Results

RT: 29.86
Area: 9697
Amount: 1.030140
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:13:49 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

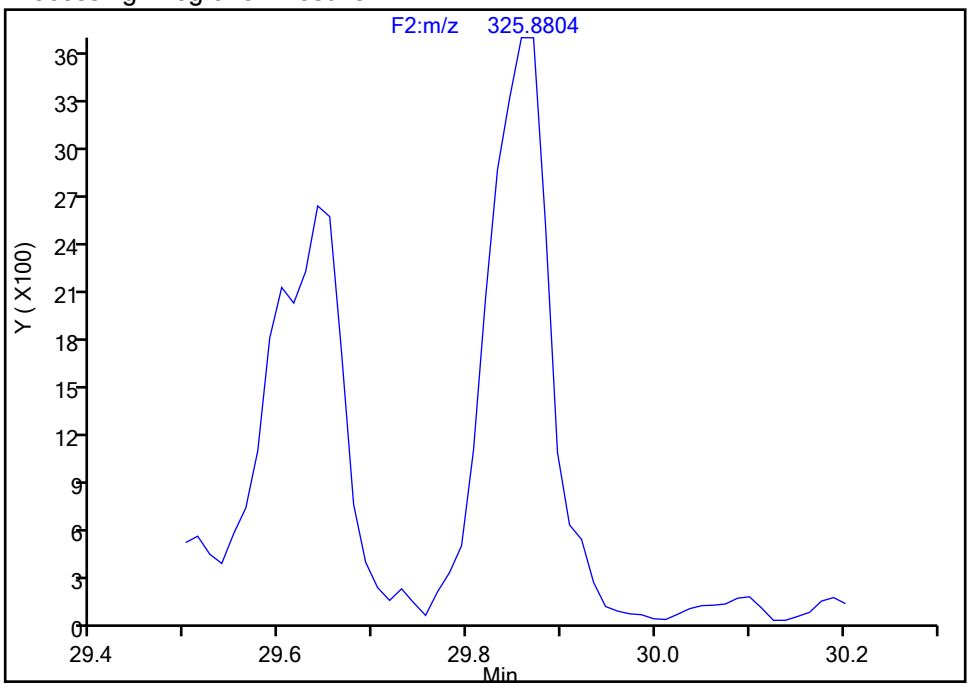
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-84, CAS: 52663-60-2

Signal: 1

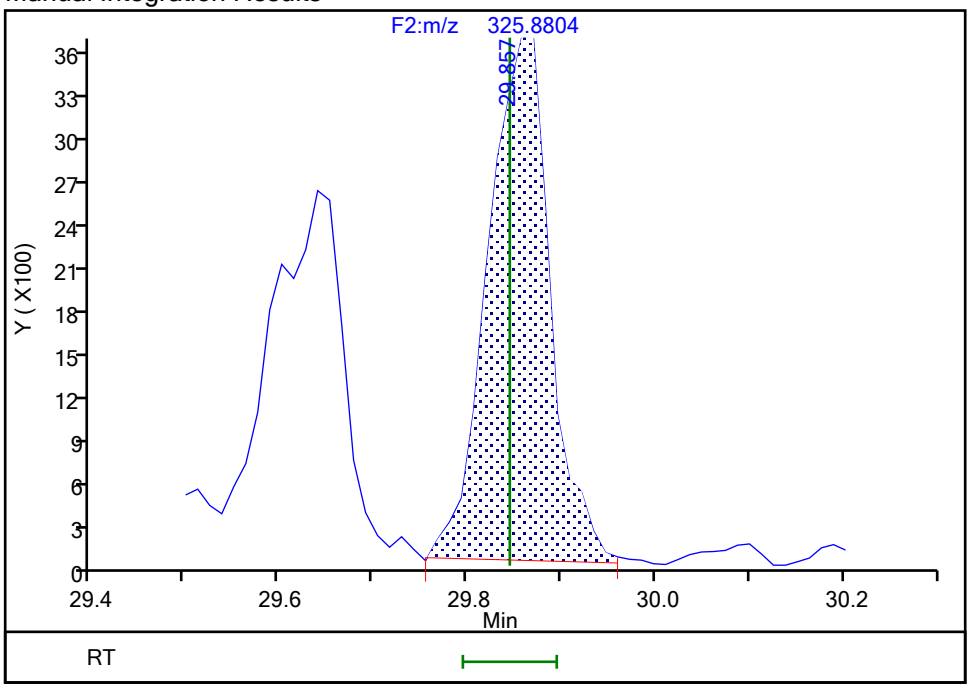
Not Detected
Expected RT: 29.84

Processing Integration Results



Manual Integration Results

RT: 29.86
Area: 16791
Amount: 1.030140
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:13:53 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

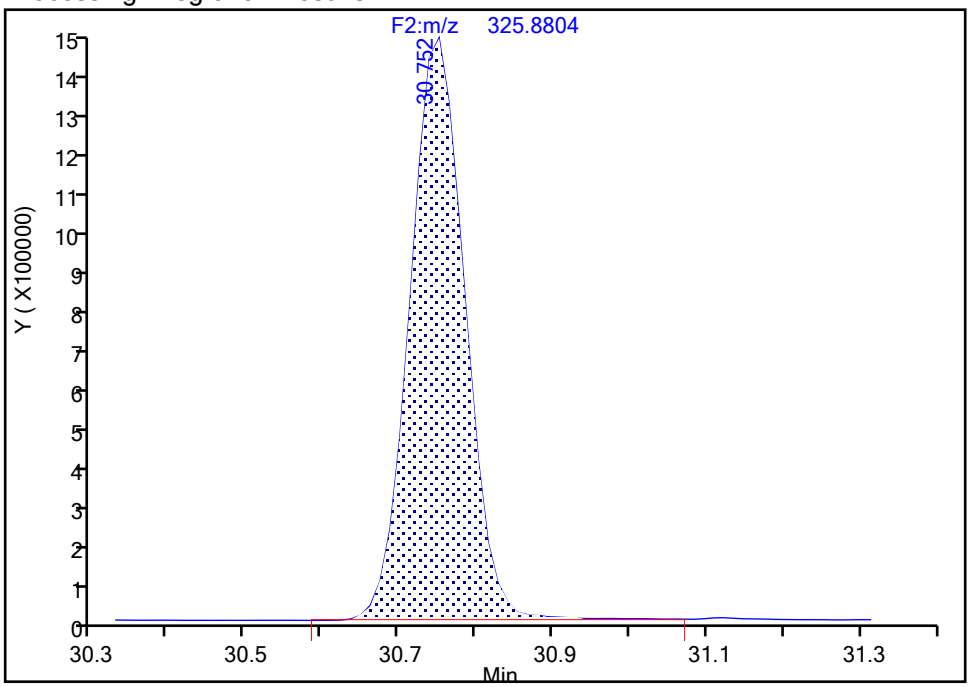
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-121, CAS: 56558-18-0

Signal: 1

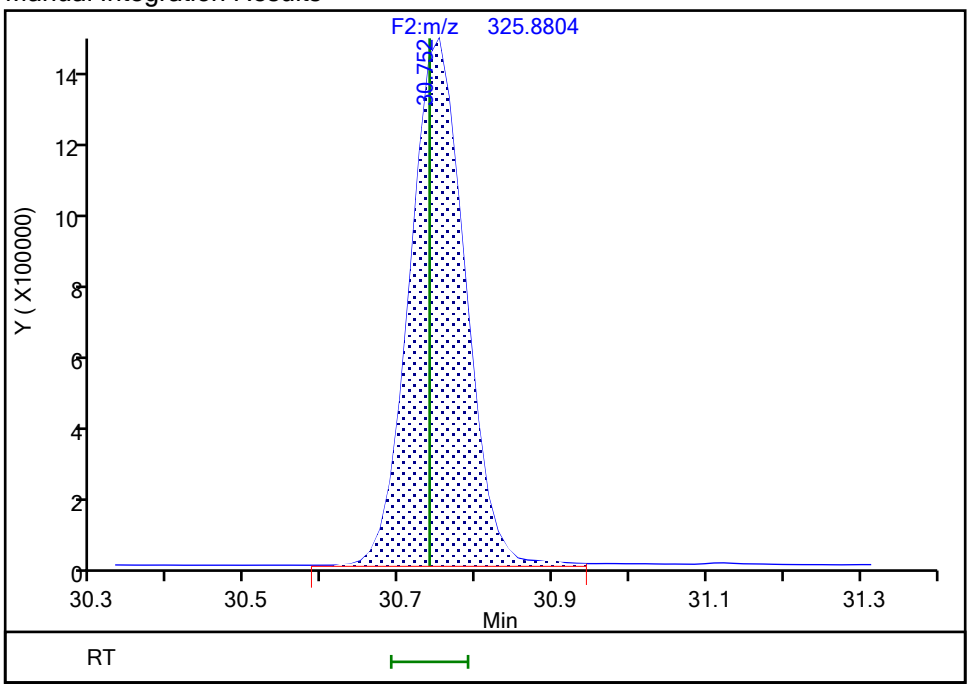
Processing Integration Results

RT: 30.75
Area: 7081688
Amount: 239.4647
Amount Units: pg/ul



Manual Integration Results

RT: 30.75
Area: 7051825
Amount: 238.8446
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:14:18 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

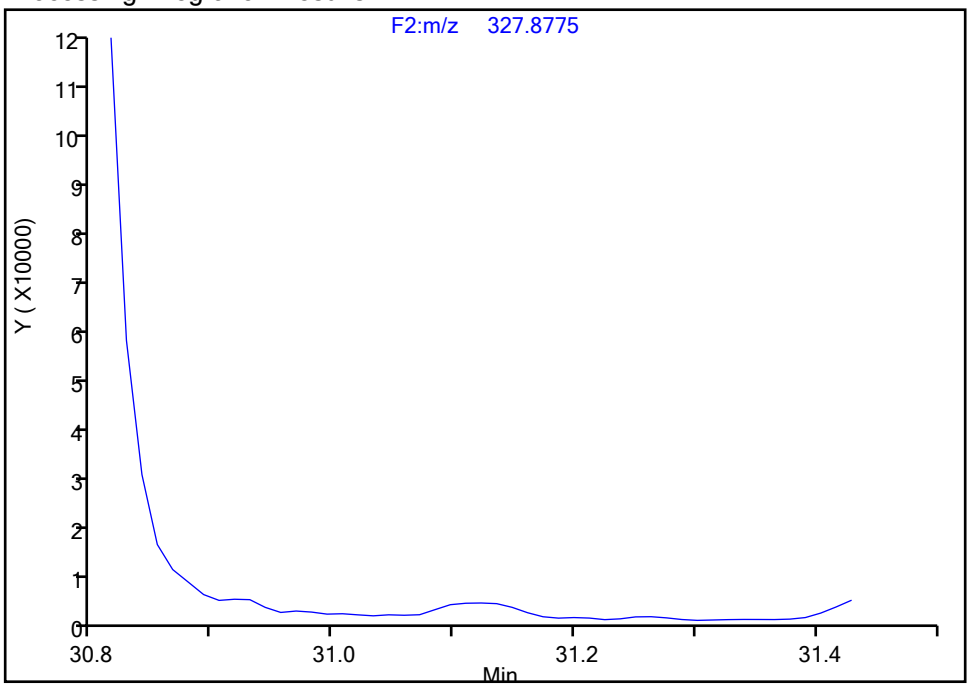
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-92, CAS: 52663-61-3

Signal: 2

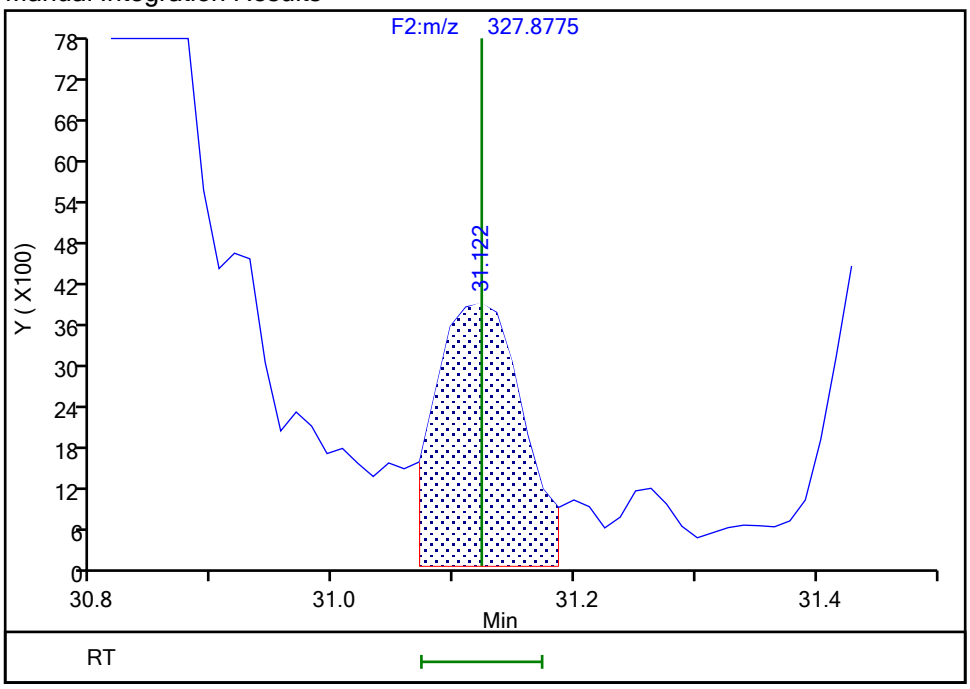
Not Detected
Expected RT: 31.12

Processing Integration Results



Manual Integration Results

RT: 31.12
Area: 18702
Amount: 1.557400
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:14:36 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

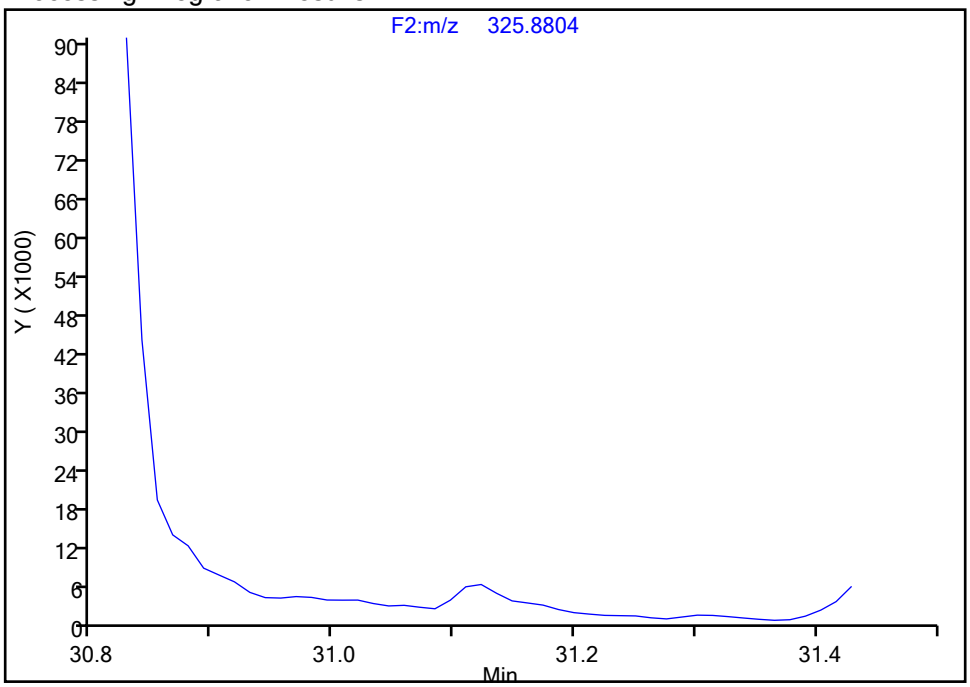
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-92, CAS: 52663-61-3

Signal: 1

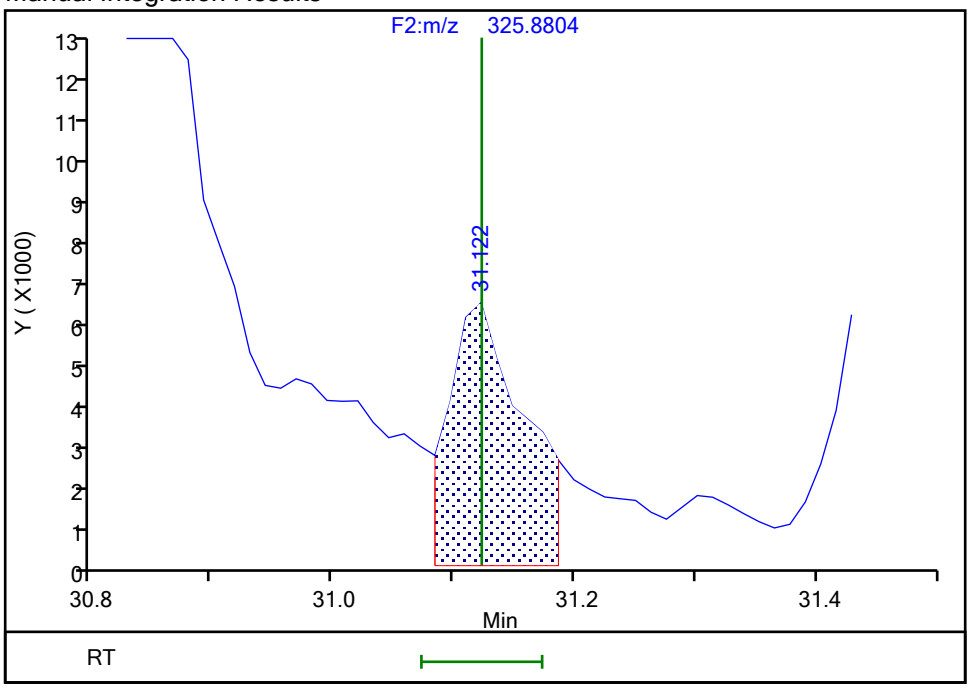
Not Detected
Expected RT: 31.12

Processing Integration Results



Manual Integration Results

RT: 31.12
Area: 26895
Amount: 1.557400
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:14:45 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

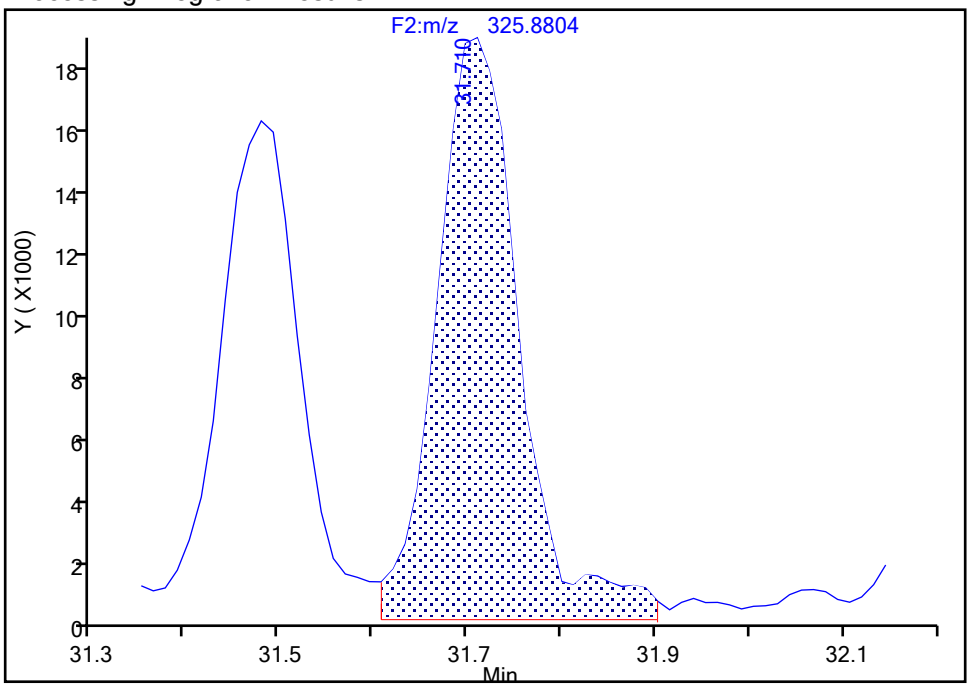
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-90/101/113, CAS: STL01813

Signal: 1

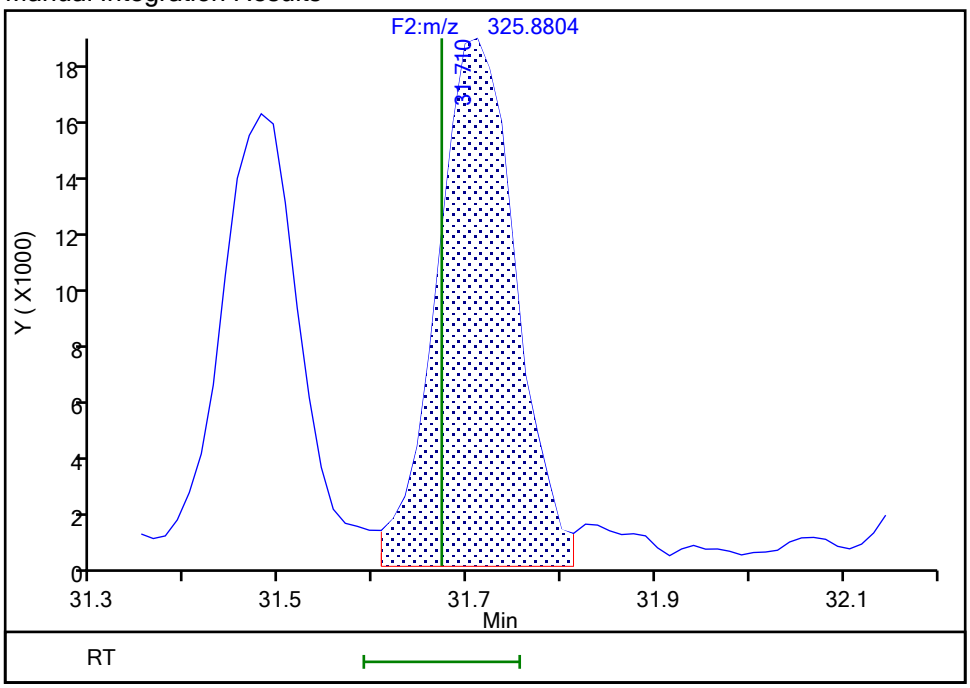
Processing Integration Results

RT: 31.71
Area: 110809
Amount: 4.858007
Amount Units: pg/ul



Manual Integration Results

RT: 31.71
Area: 104737
Amount: 4.688364
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:14:59 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

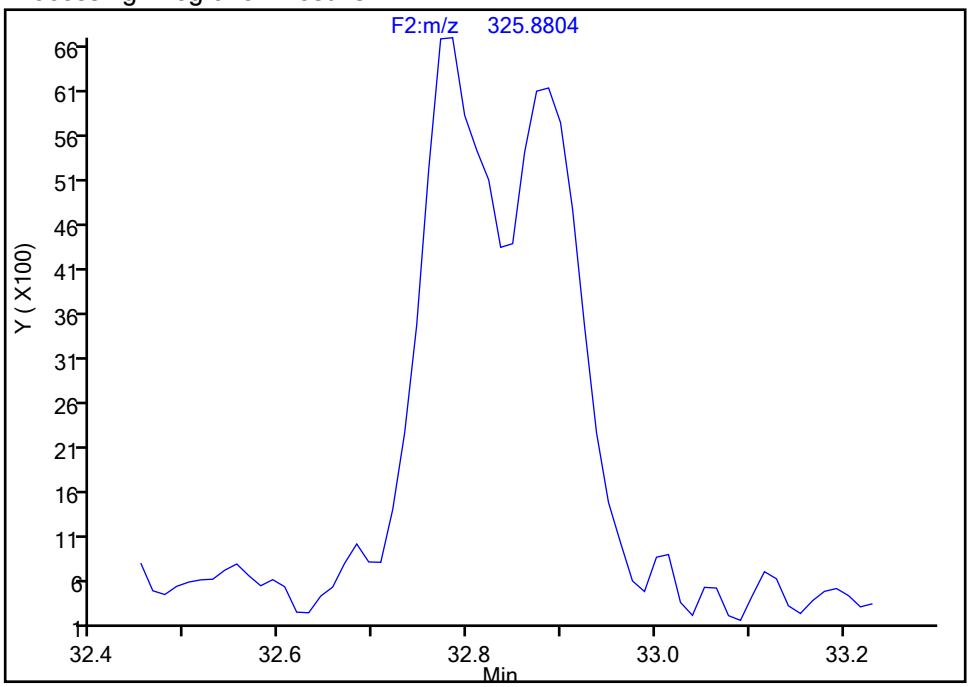
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

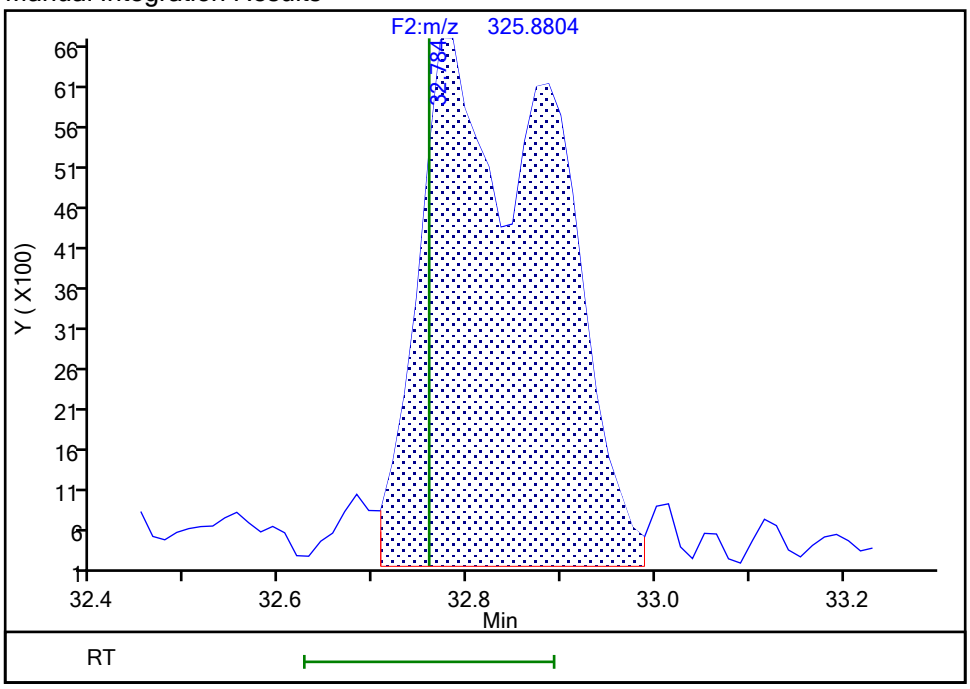
Not Detected
Expected RT: 32.76

Processing Integration Results



Manual Integration Results

RT: 32.78
Area: 65302
Amount: 2.629135
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:15:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

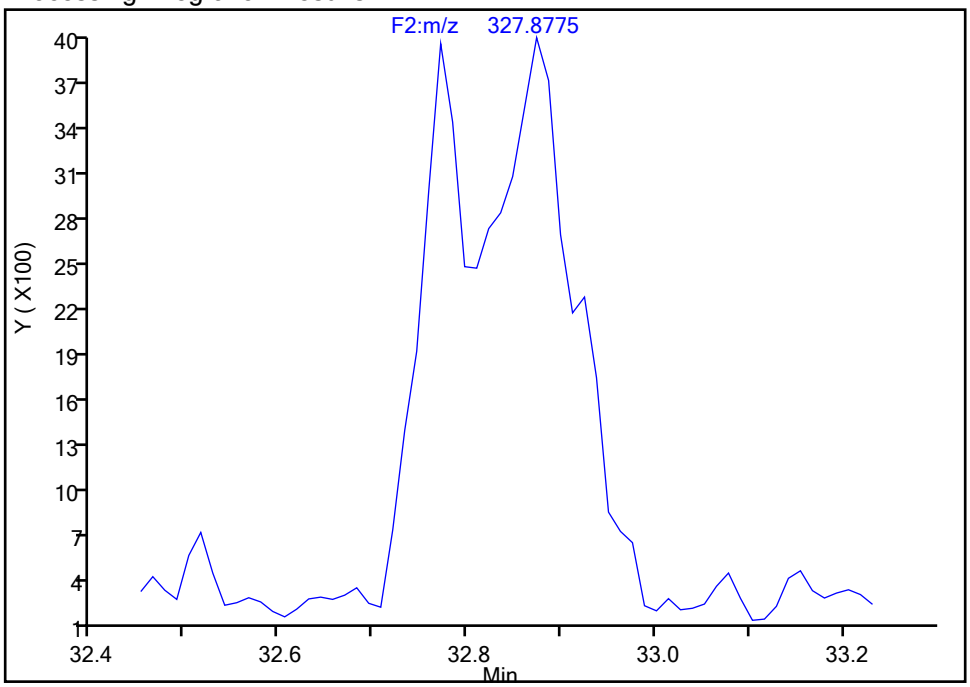
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

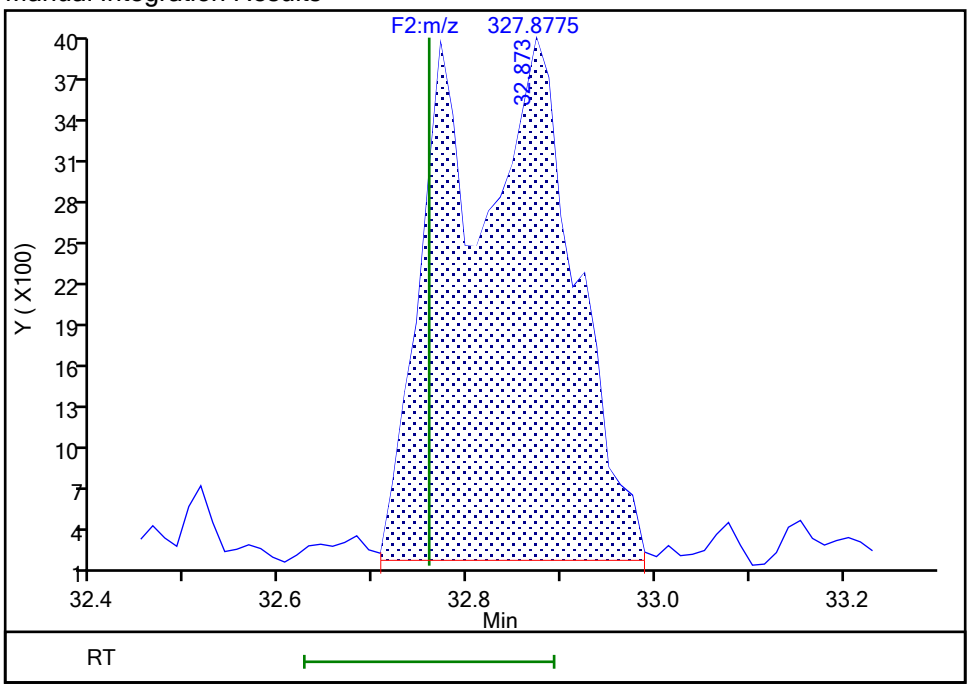
Not Detected
Expected RT: 32.76

Processing Integration Results



Manual Integration Results

RT: 32.87
Area: 36105
Amount: 2.629135
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:15:38 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

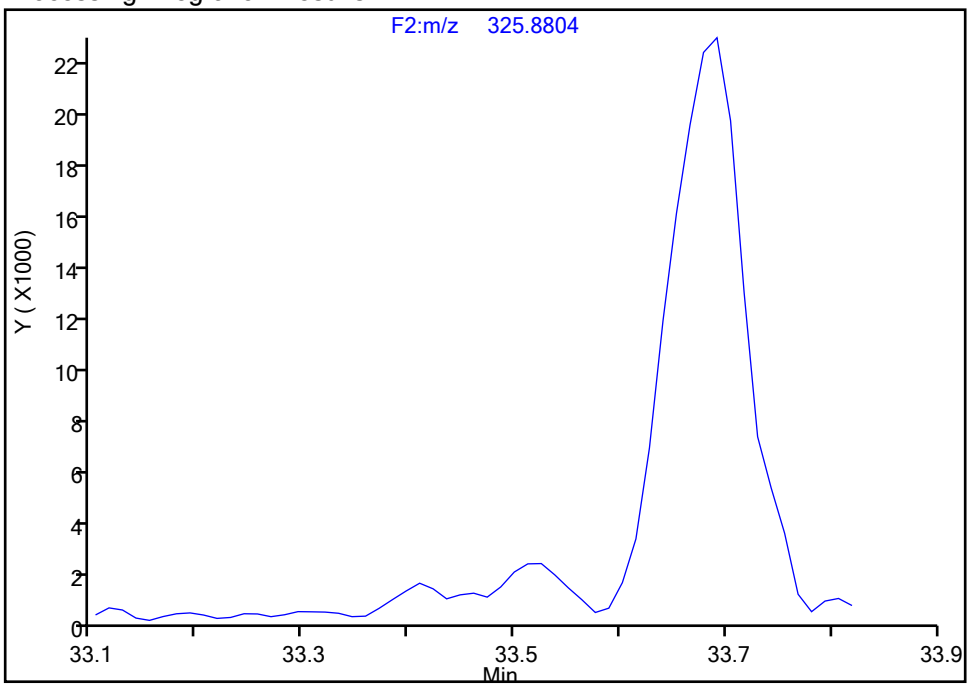
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 1

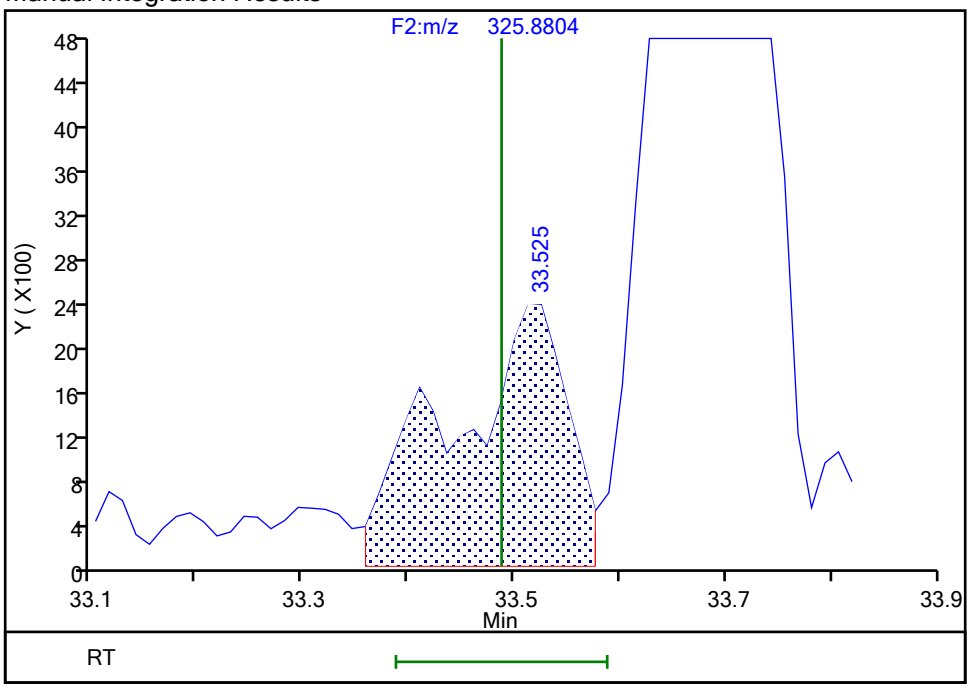
Not Detected
Expected RT: 33.49

Processing Integration Results



Manual Integration Results

RT: 33.53
Area: 17596
Amount: 0.768779
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:16:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

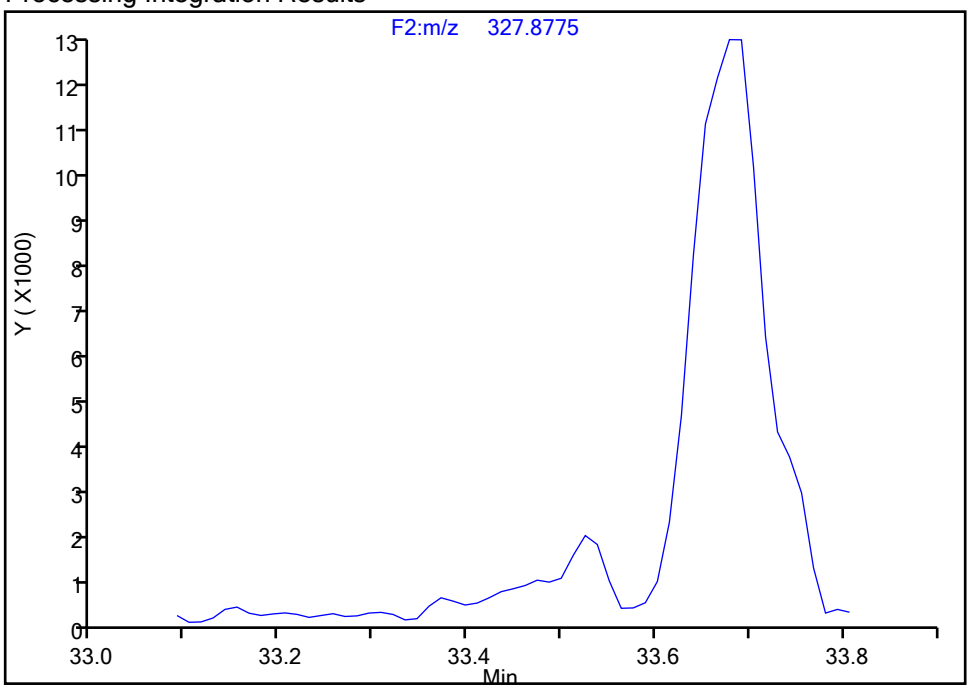
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 2

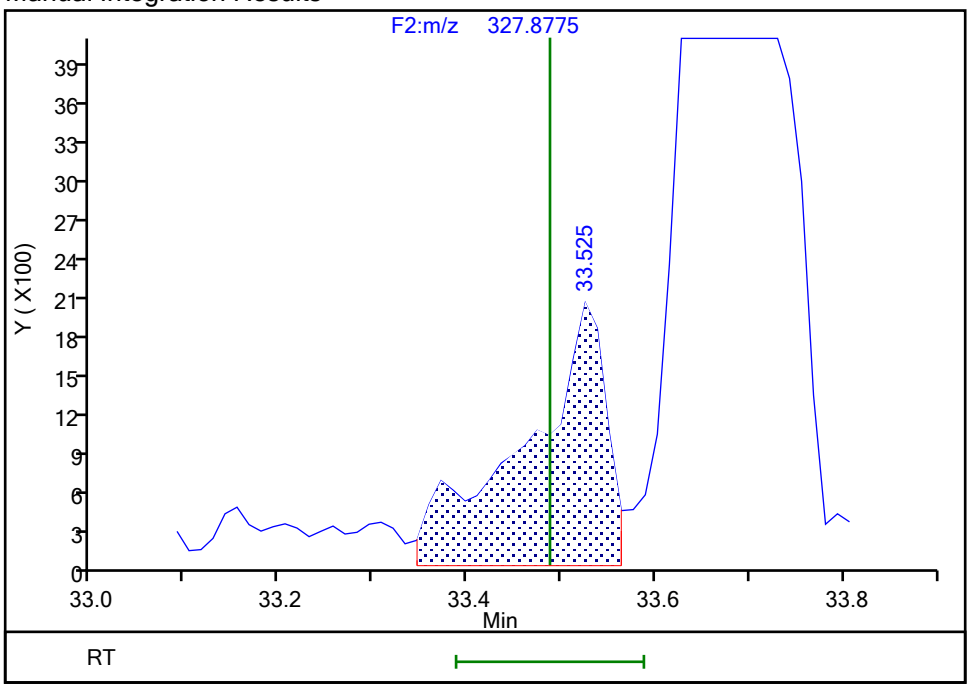
Not Detected
Expected RT: 33.49

Processing Integration Results



RT: 33.53
Area: 11926
Amount: 0.768779
Amount Units: pg/ul

Manual Integration Results



Reviewer: V4XA, 04-Jan-2024 20:16:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

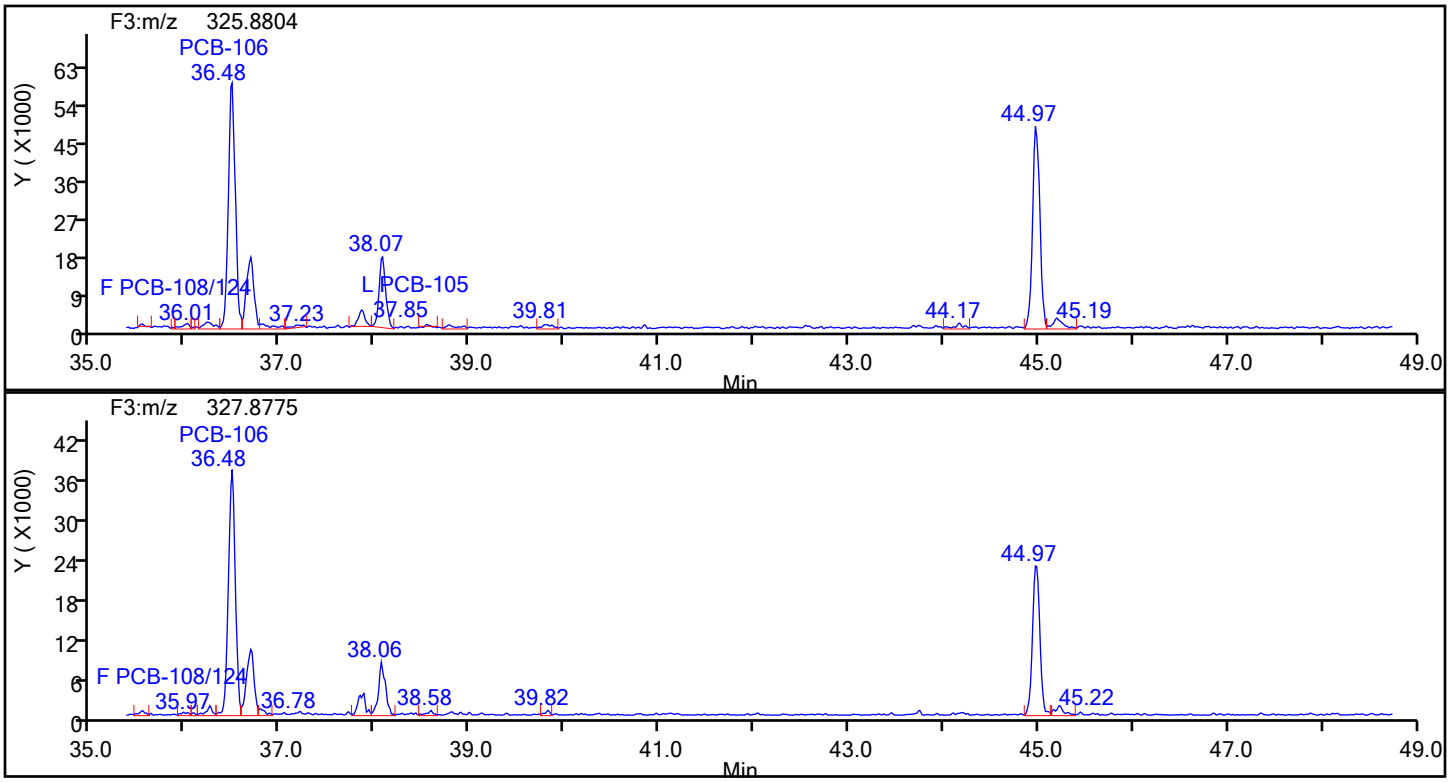
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

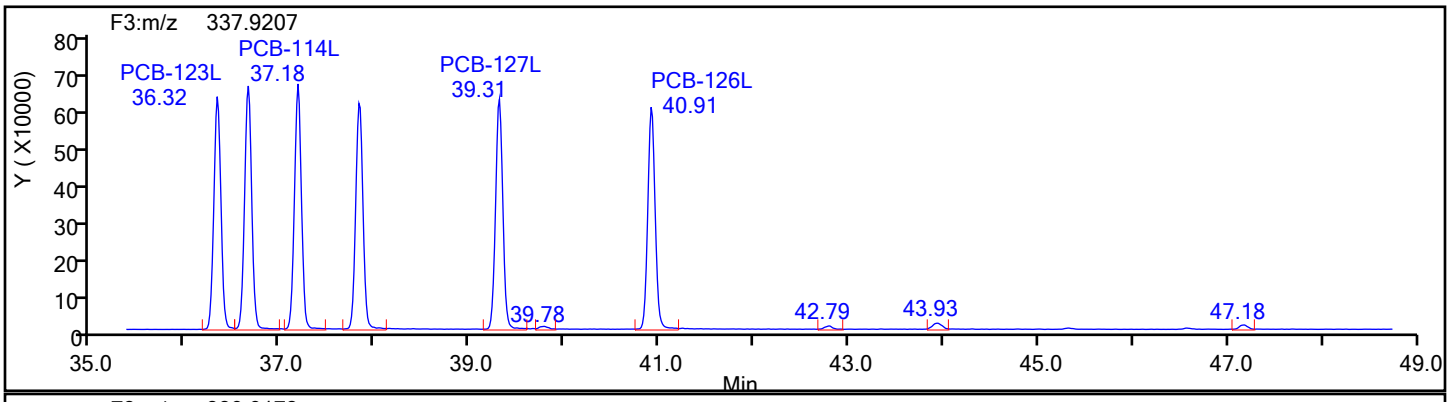
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

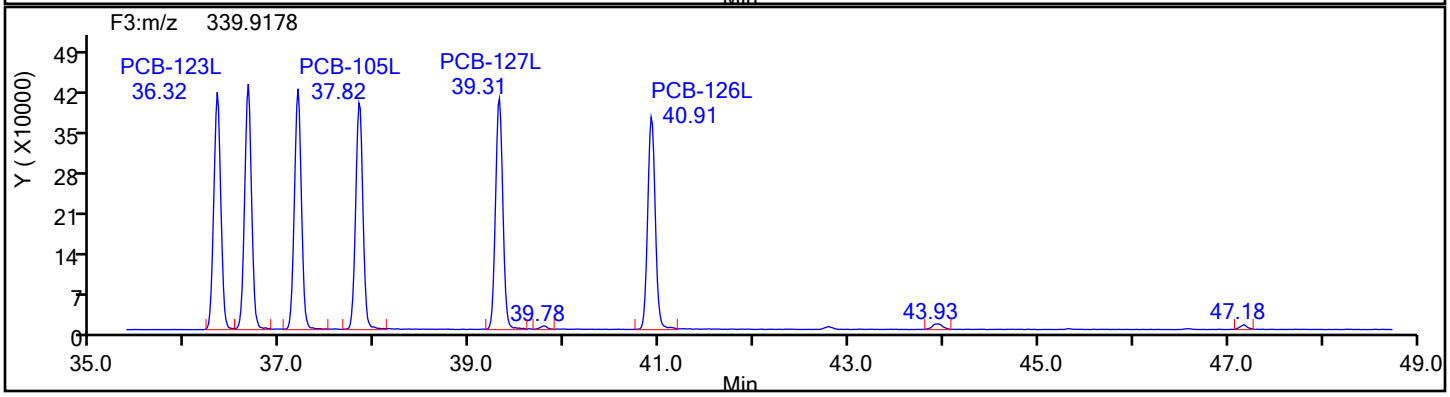
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards



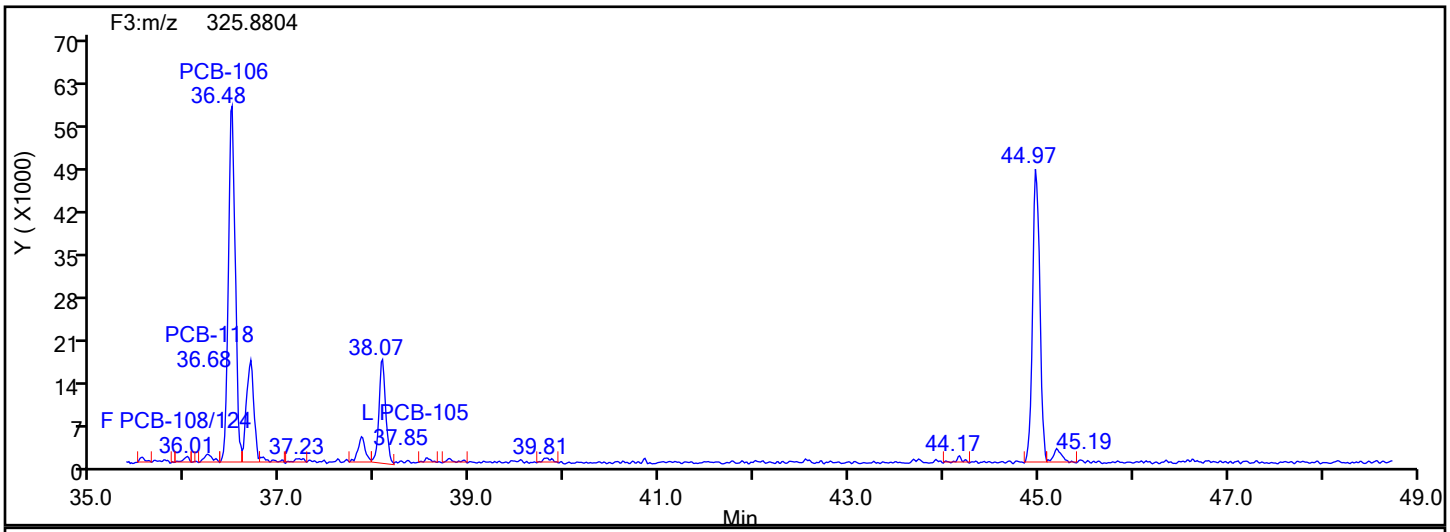


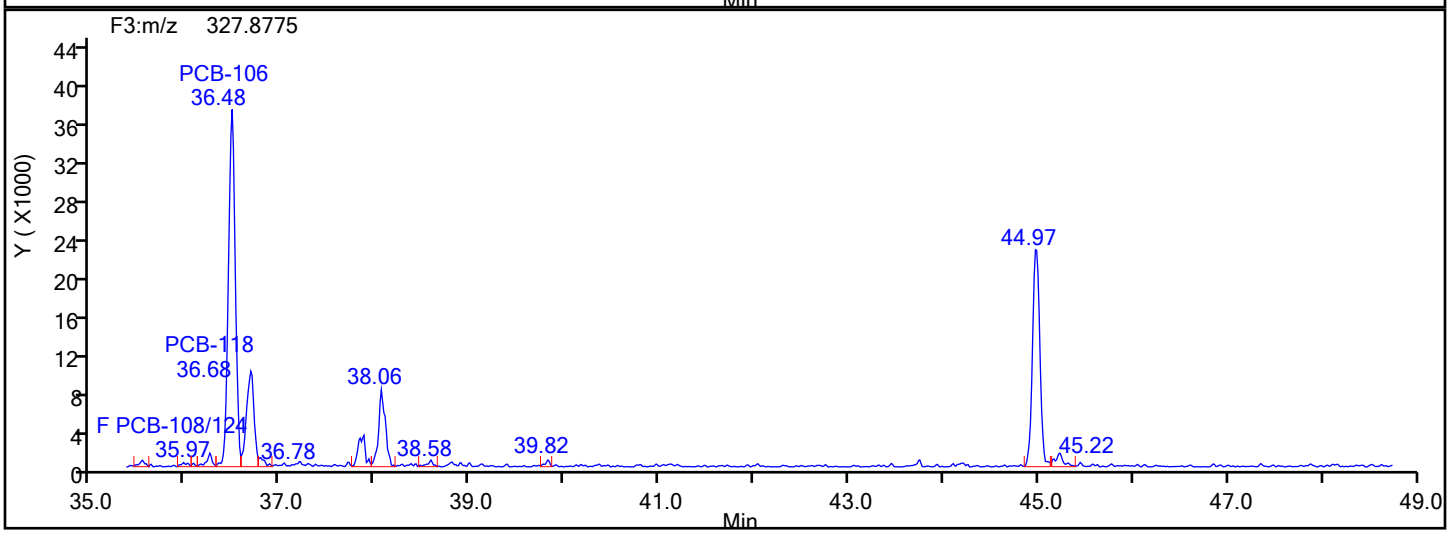
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

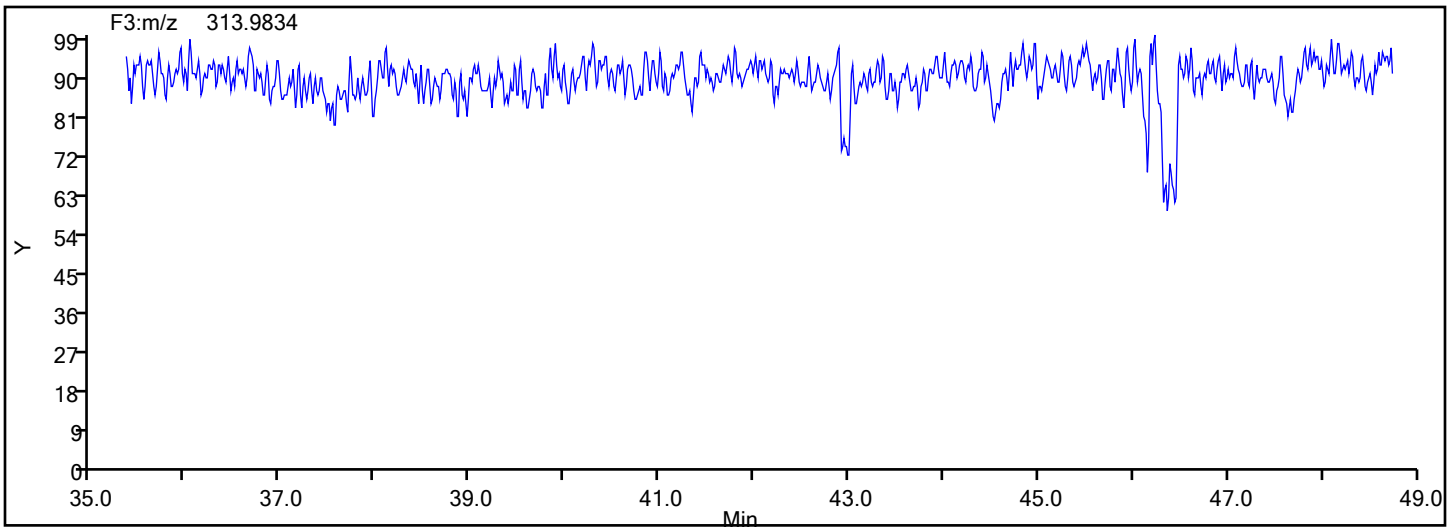
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

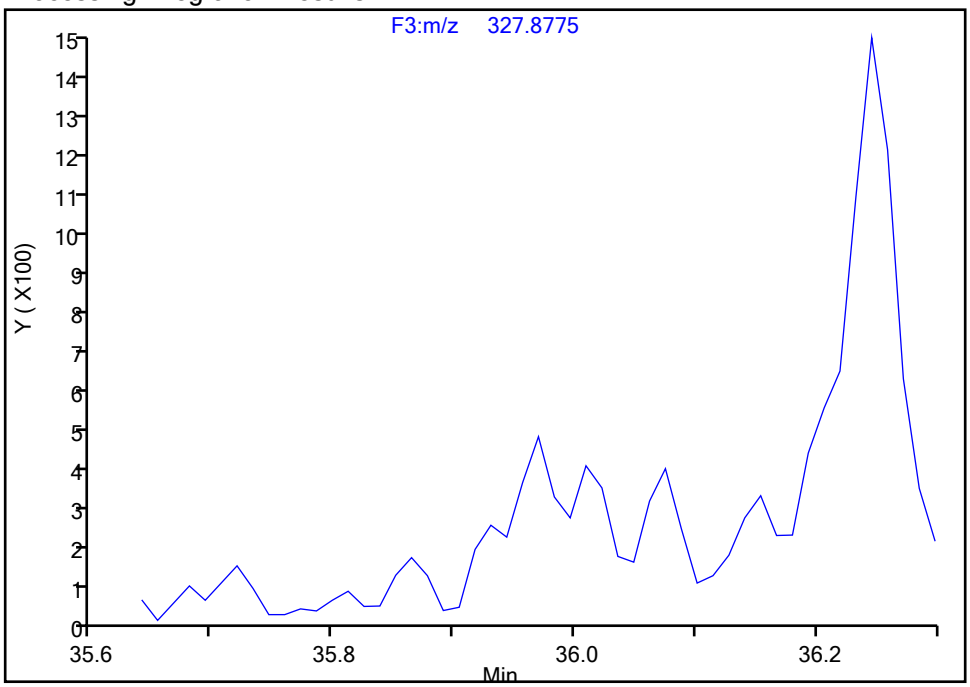
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-108/124, CAS: STL02294

Signal: 2

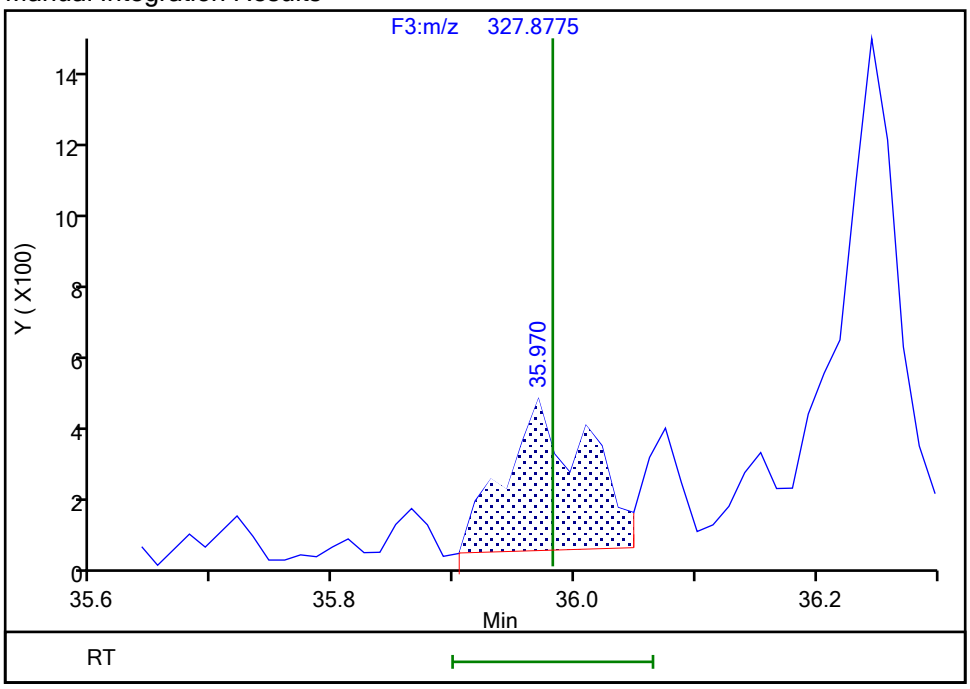
Not Detected
Expected RT: 35.98

Processing Integration Results



Manual Integration Results

RT: 35.97
Area: 1924
Amount: 0.110174
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:16:55 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

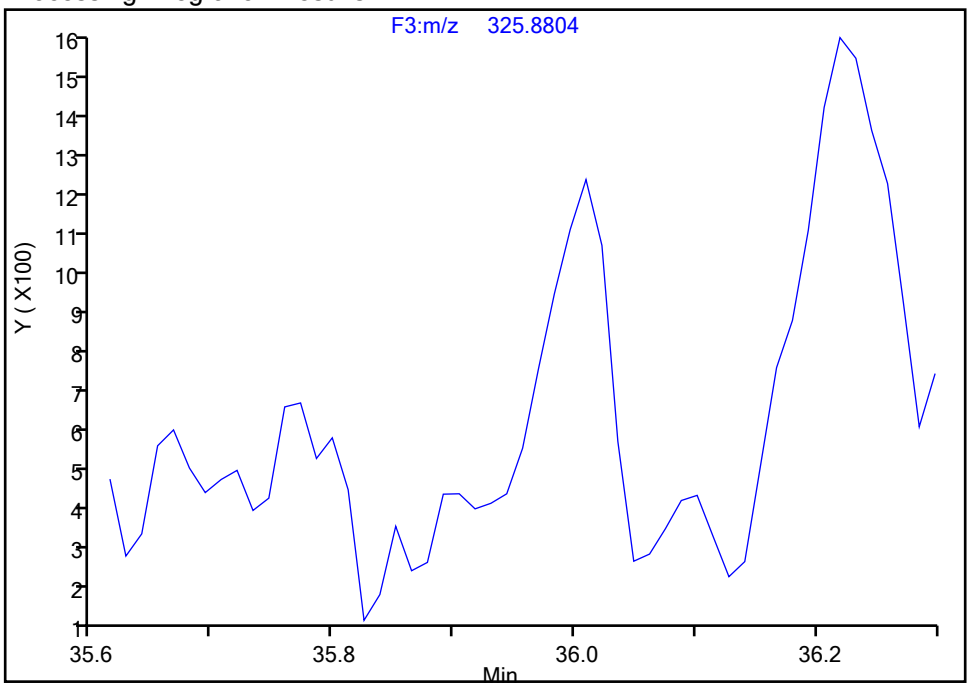
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-108/124, CAS: STL02294

Signal: 1

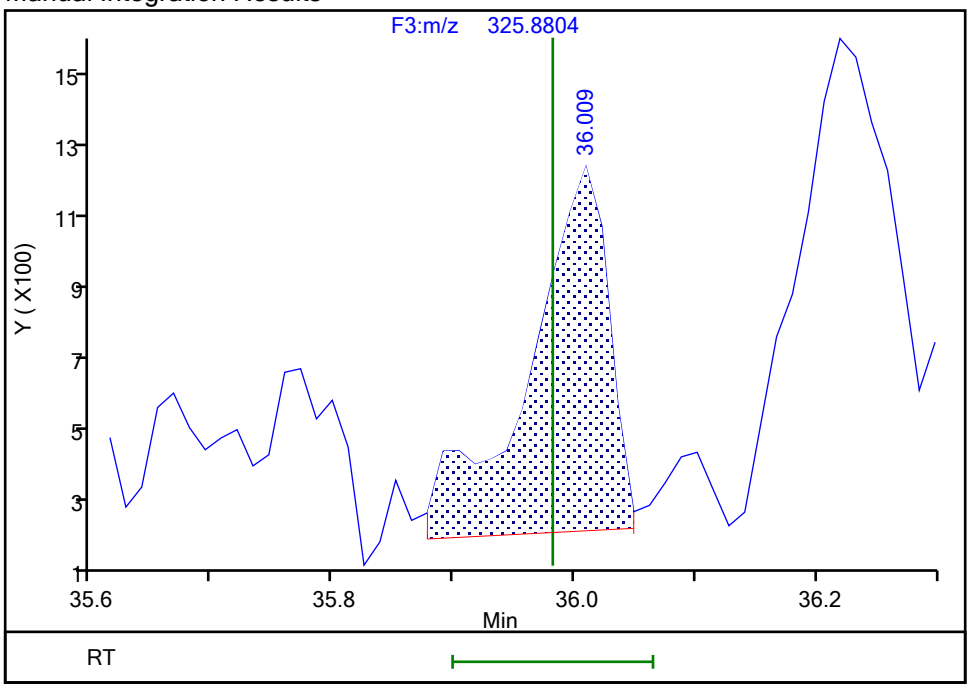
Not Detected
Expected RT: 35.98

Processing Integration Results



Manual Integration Results

RT: 36.01
Area: 4683
Amount: 0.110174
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:17:00 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

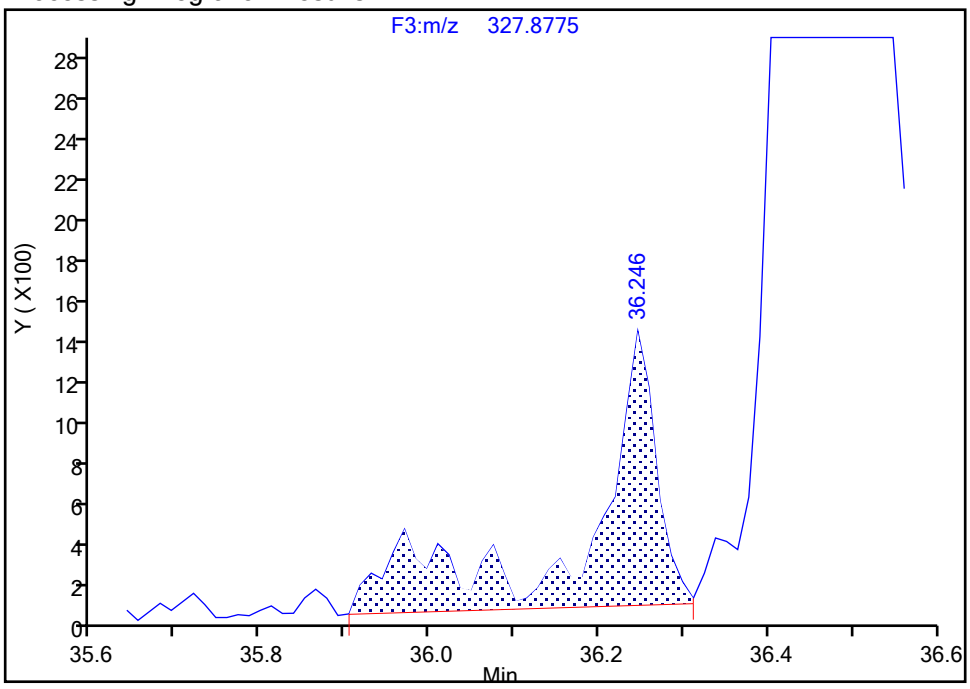
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-107, CAS: 70424-68-9

Signal: 2

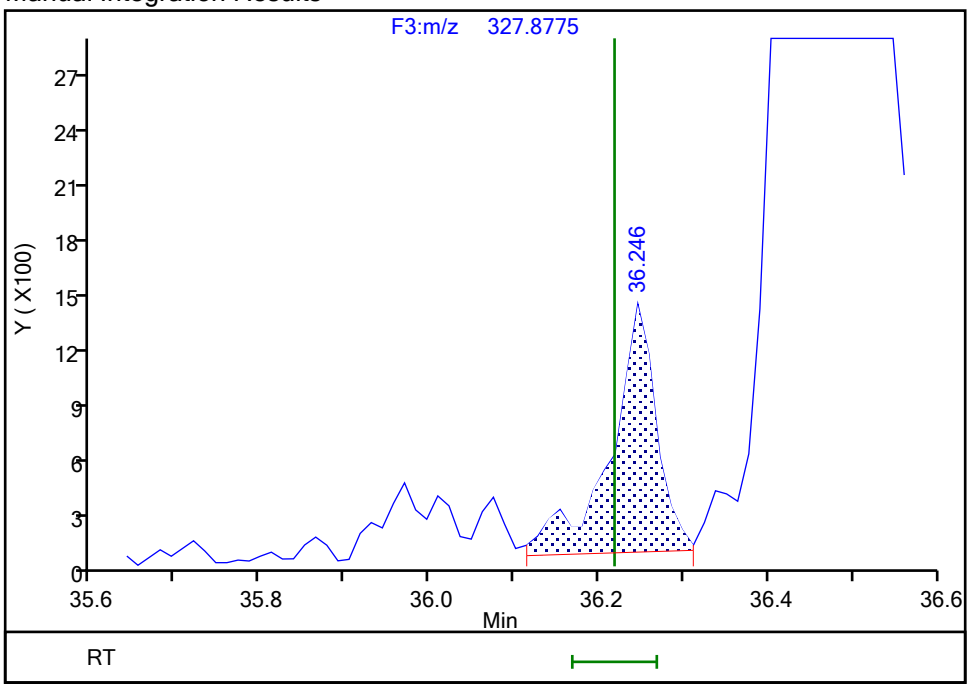
Processing Integration Results

RT: 36.25
Area: 7653
Amount: 0.249942
Amount Units: pg/ul



Manual Integration Results

RT: 36.25
Area: 5080
Amount: 0.210947
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:17:04 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

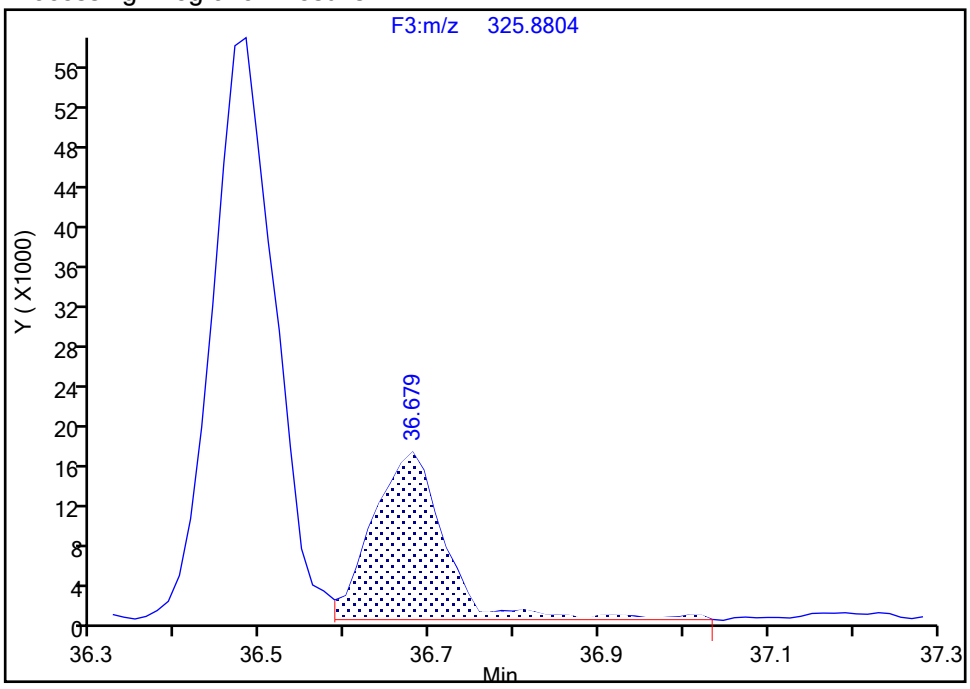
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 1

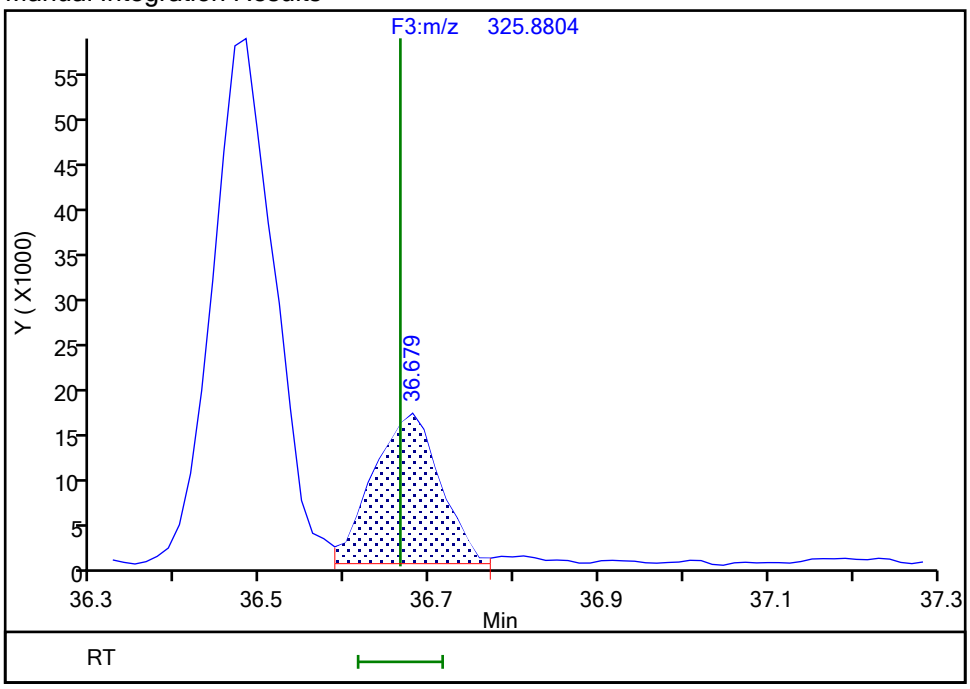
Processing Integration Results

RT: 36.68
Area: 99204
Amount: 2.711787
Amount Units: pg/ul



Manual Integration Results

RT: 36.68
Area: 92542
Amount: 2.532657
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:17:16 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

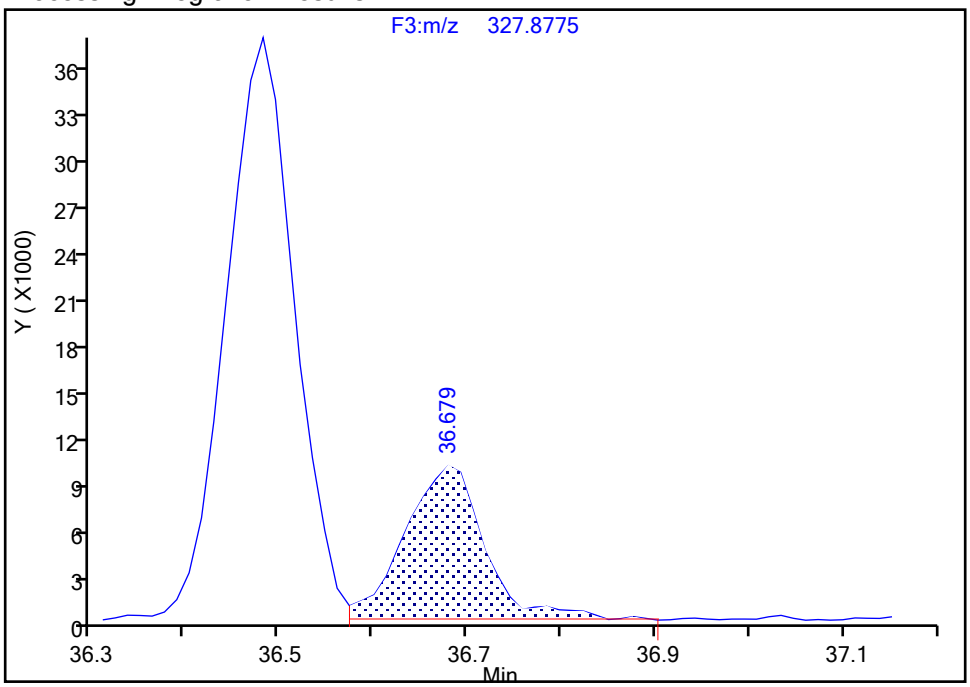
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 2

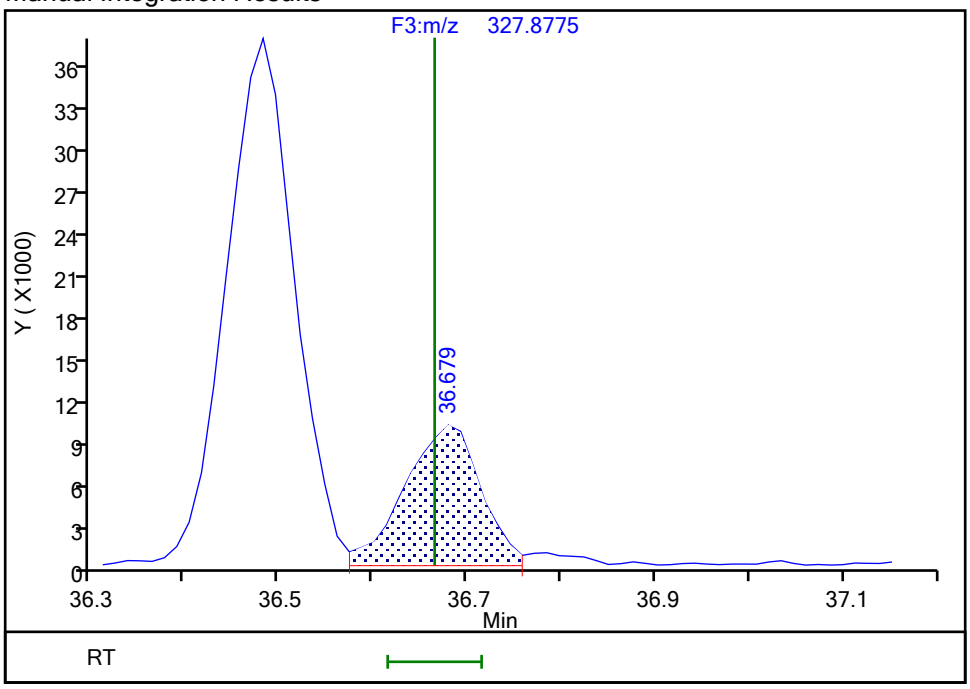
Processing Integration Results

RT: 36.68
Area: 58646
Amount: 2.711787
Amount Units: pg/ul



Manual Integration Results

RT: 36.68
Area: 54881
Amount: 2.532657
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:17:19 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

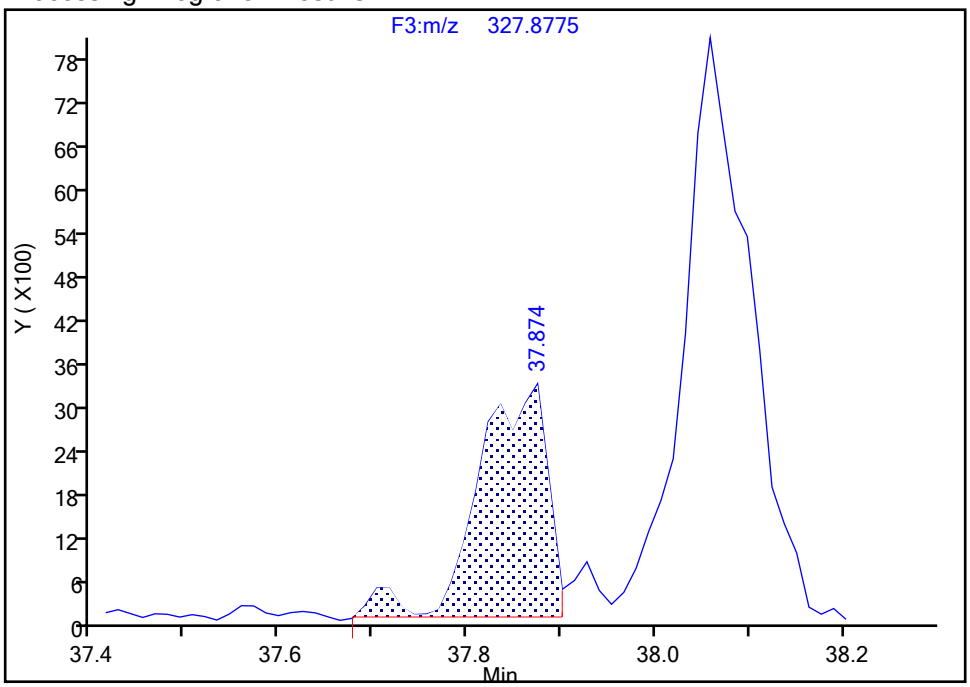
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-105, CAS: 32598-14-4

Signal: 2

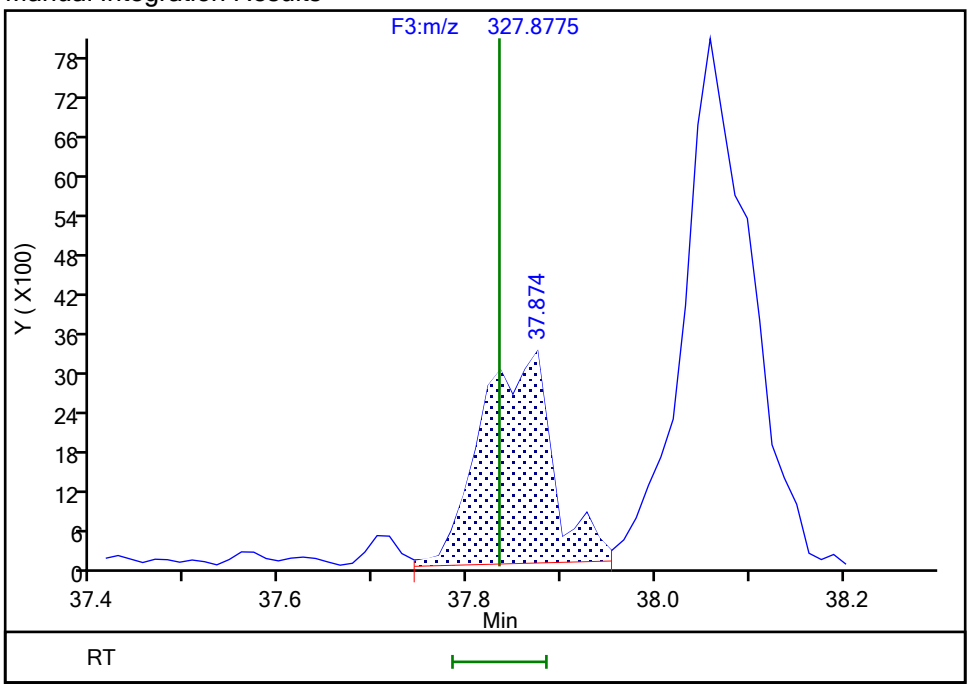
Processing Integration Results

RT: 37.87
Area: 16170
Amount: 0.669031
Amount Units: pg/ul



Manual Integration Results

RT: 37.87
Area: 17194
Amount: 0.686584
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:30:31 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

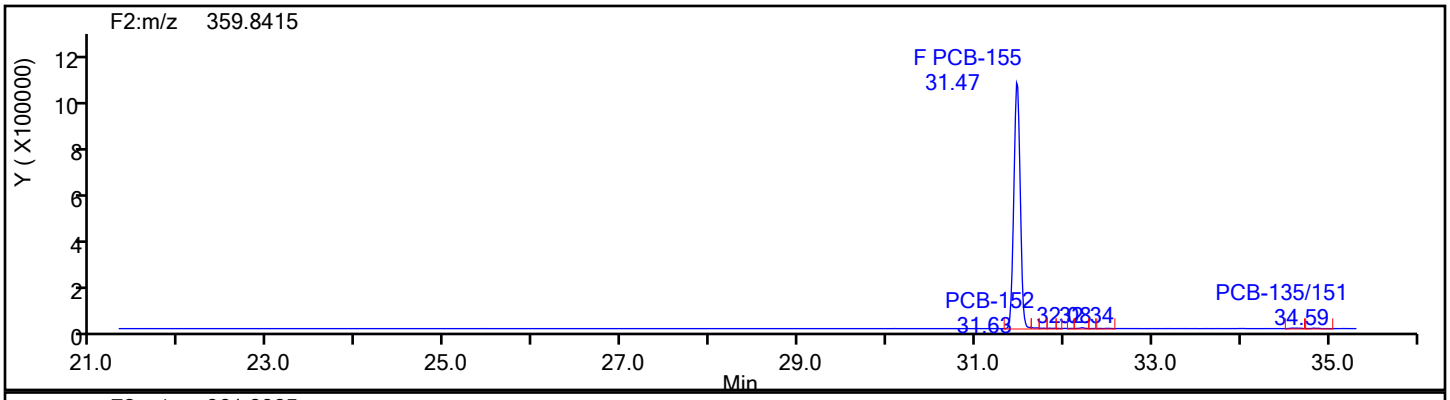
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

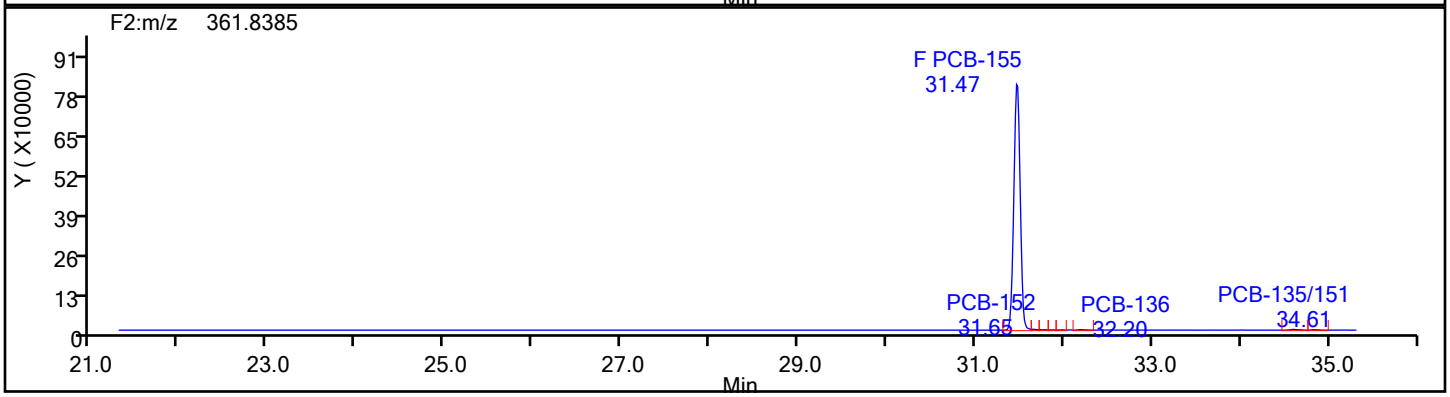
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

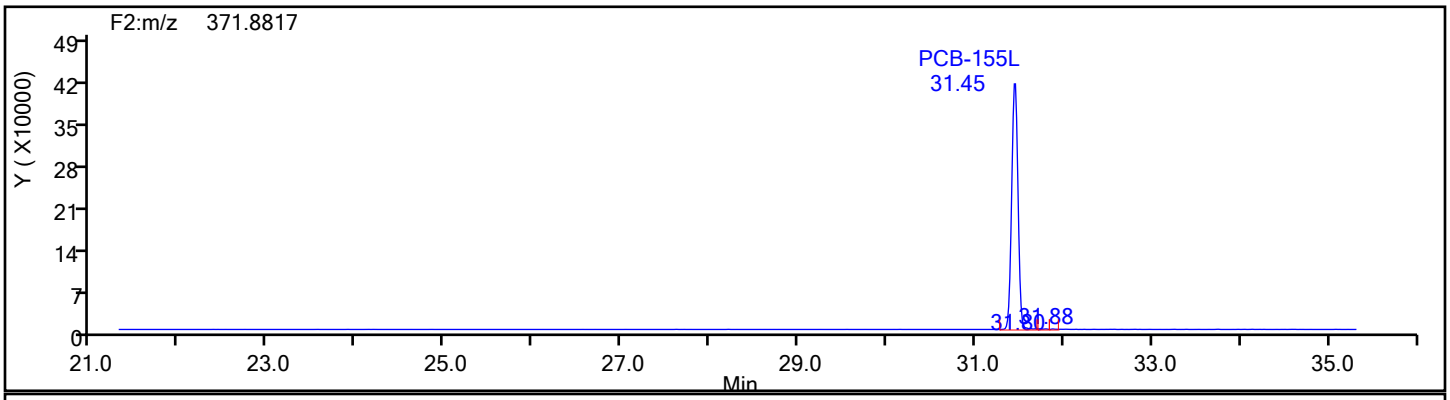
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

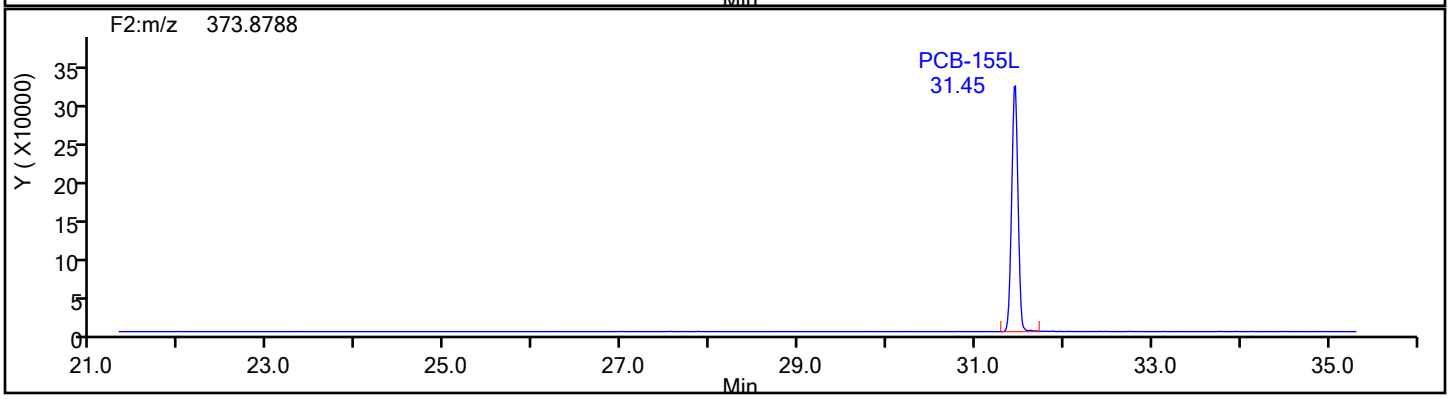
HxPCB F2





HxPCB F2 Standards



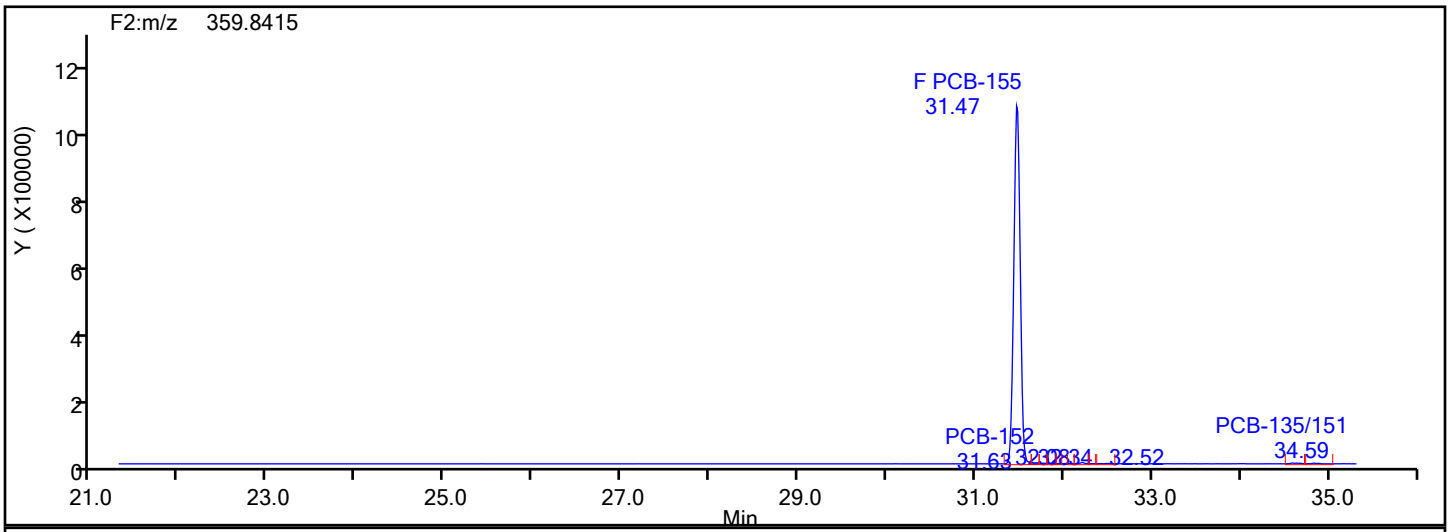


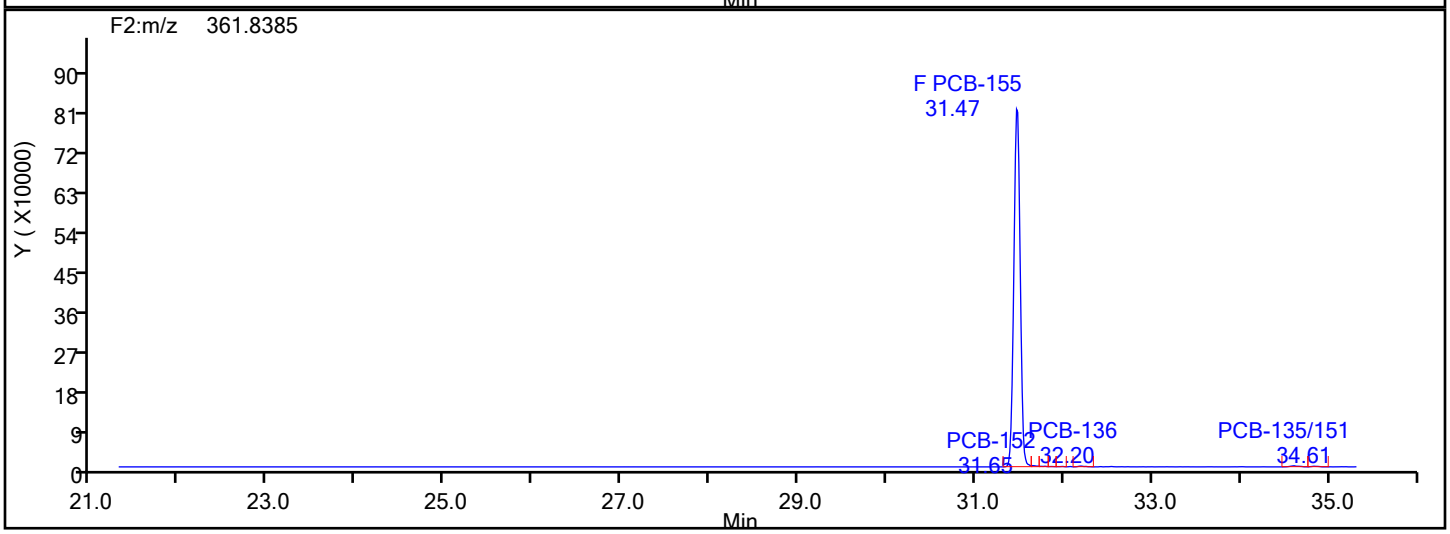
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

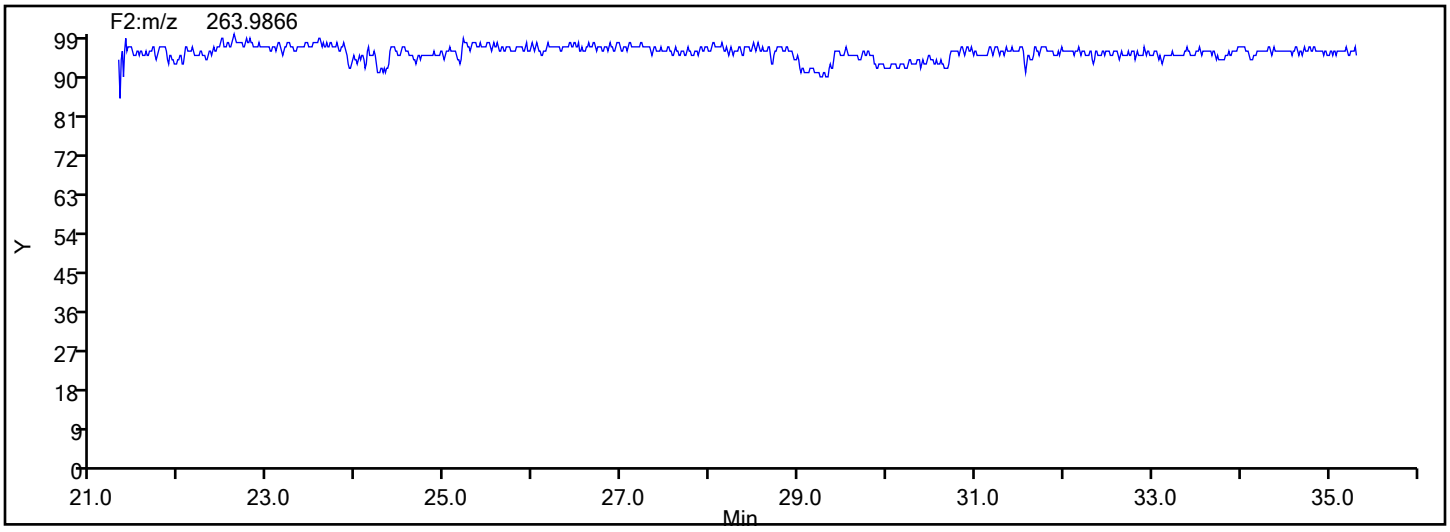
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

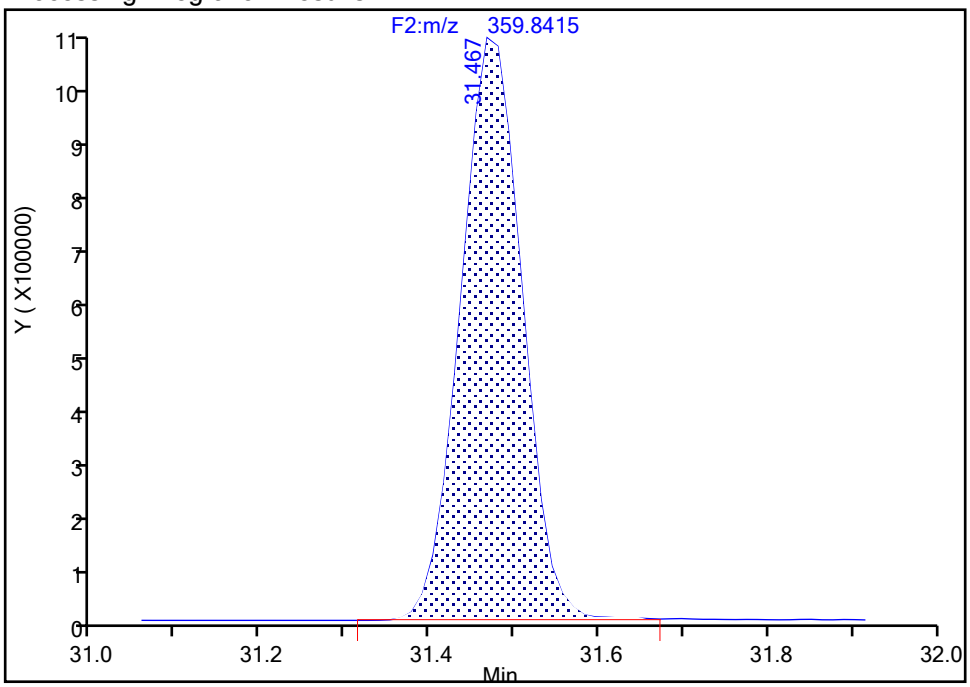
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 1

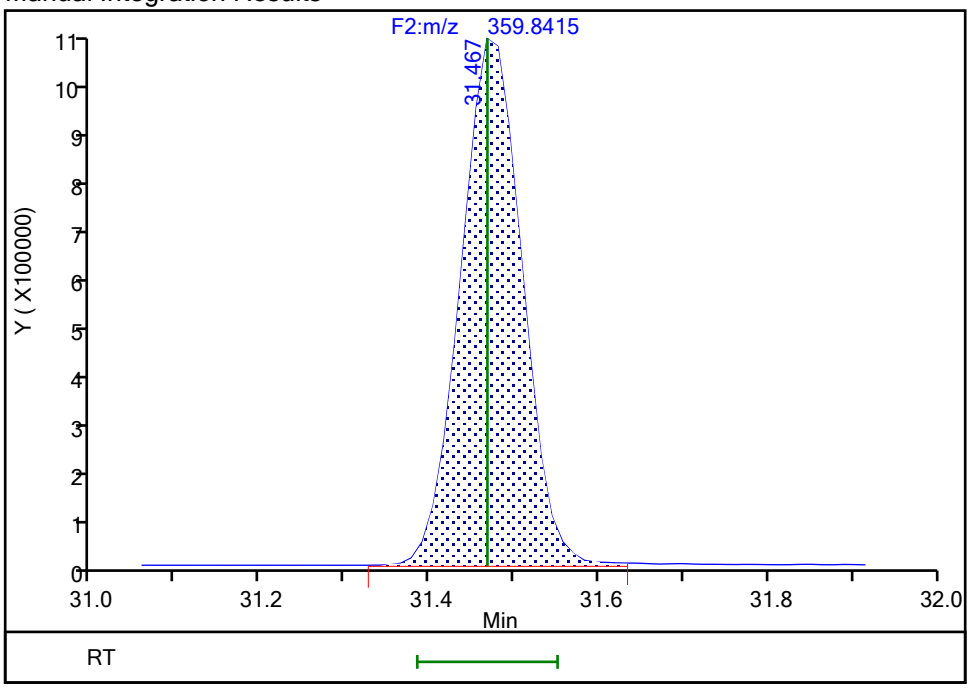
Processing Integration Results

RT: 31.47
Area: 5158239
Amount: 268.6262
Amount Units: pg/ul



Manual Integration Results

RT: 31.47
Area: 5150362
Amount: 268.1252
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:31:53 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

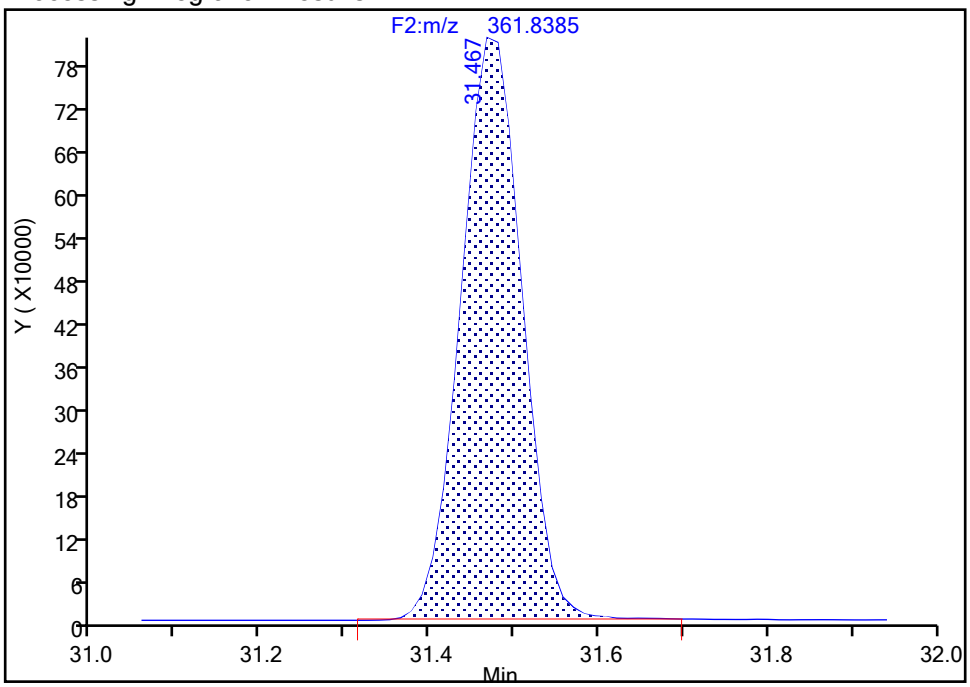
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 2

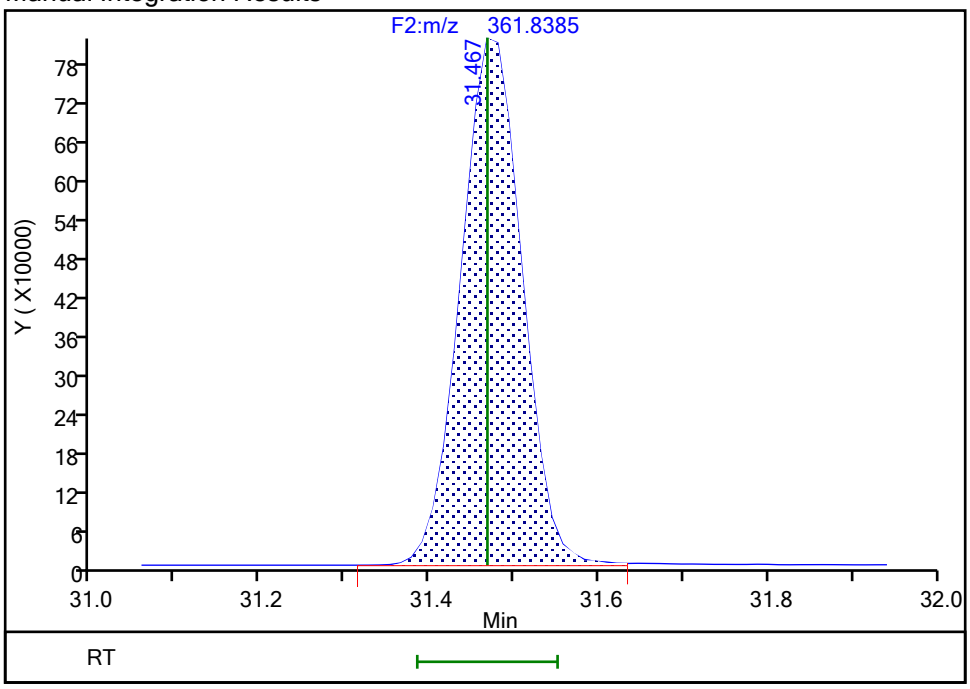
Processing Integration Results

RT: 31.47
Area: 4112866
Amount: 268.6262
Amount Units: pg/ul



Manual Integration Results

RT: 31.47
Area: 4103455
Amount: 268.1252
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:31:56 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

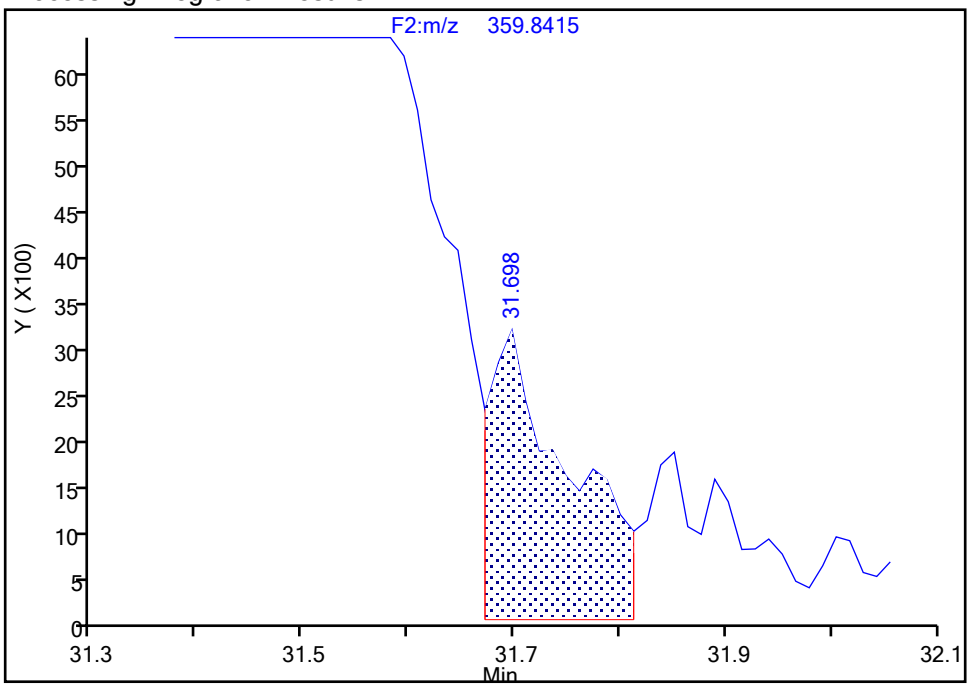
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

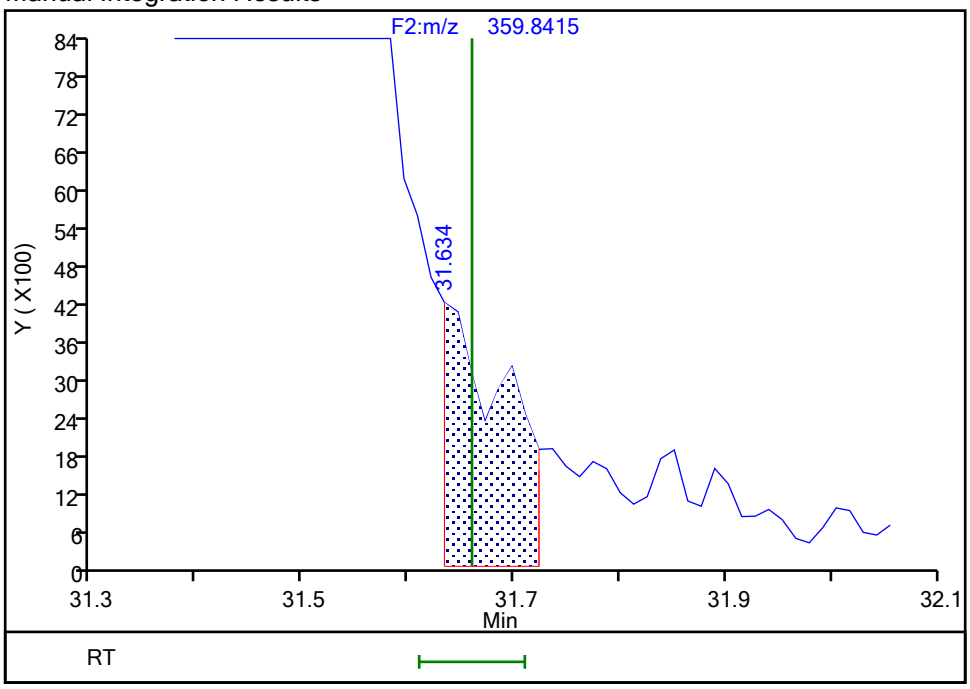
Processing Integration Results

RT: 31.70
Area: 16073
Amount: 0.619911
Amount Units: pg/ul



Manual Integration Results

RT: 31.63
Area: 15885
Amount: 0.673513
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:31:59 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

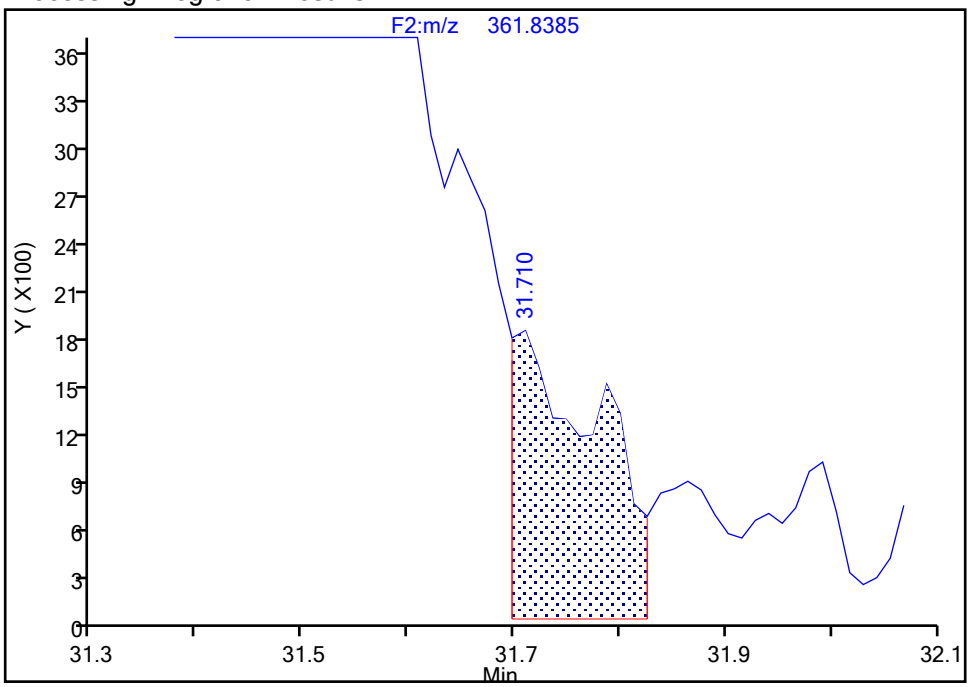
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 2

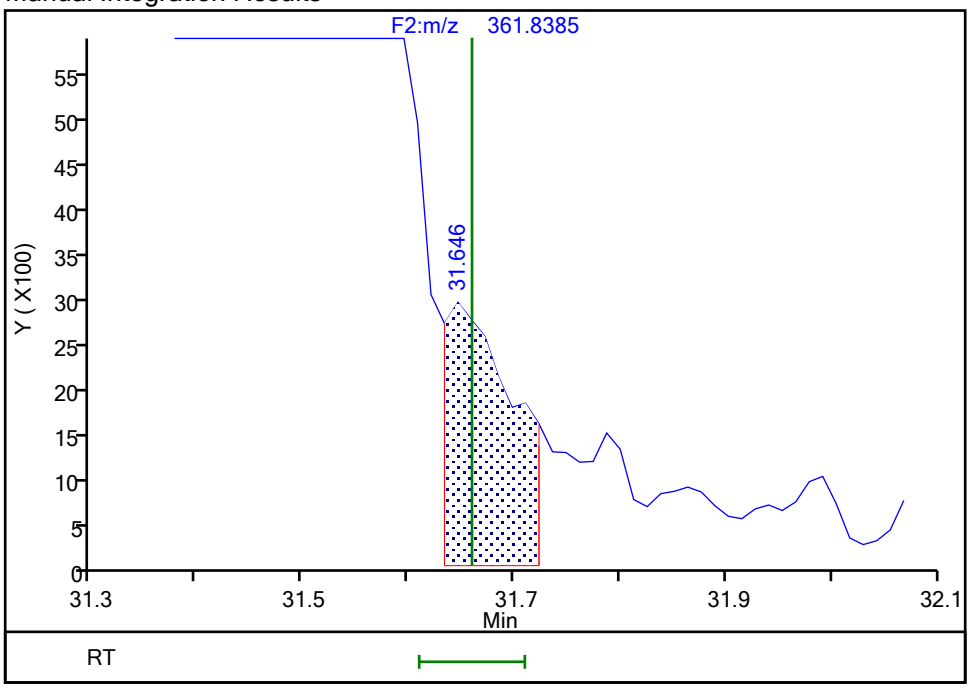
Processing Integration Results

RT: 31.71
Area: 9821
Amount: 0.619911
Amount Units: pg/ul



Manual Integration Results

RT: 31.65
Area: 12248
Amount: 0.673513
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:32:07 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

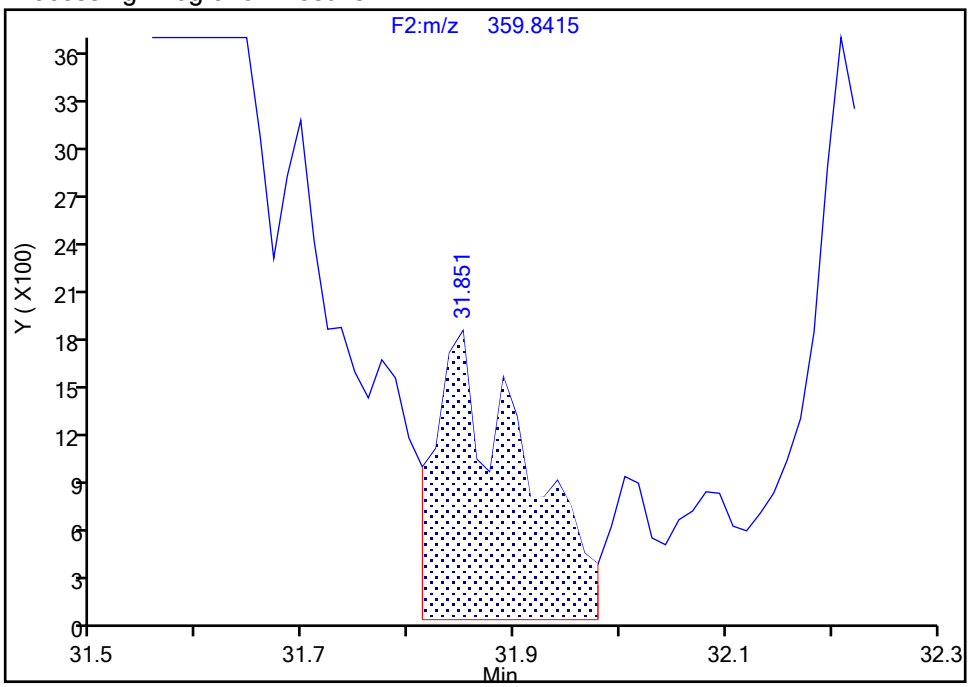
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-150, CAS: 68194-08-1

Signal: 1

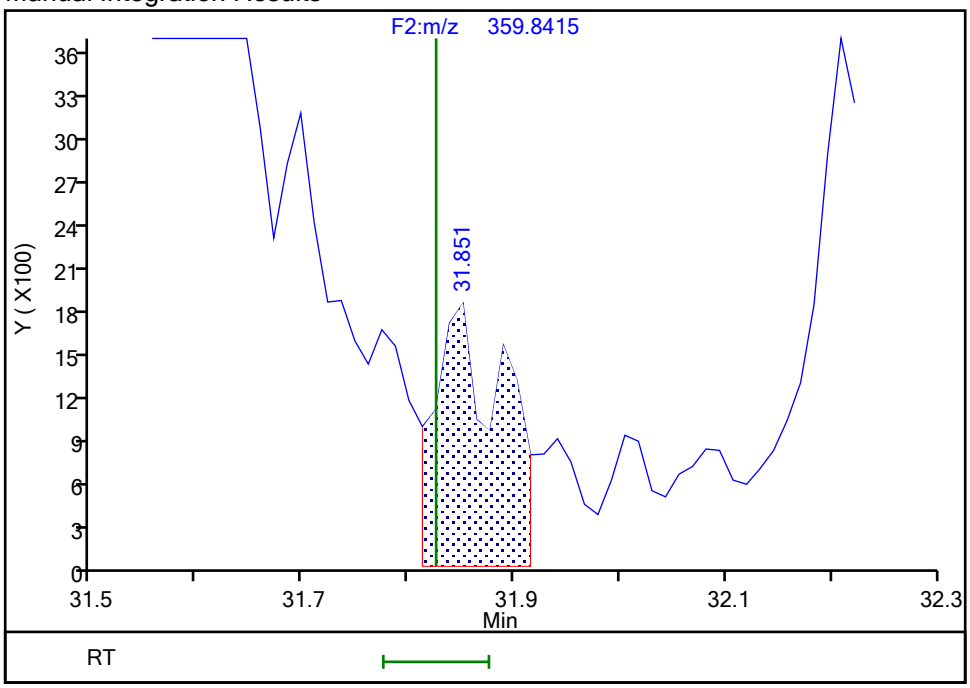
Processing Integration Results

RT: 31.85
Area: 10441
Amount: 0.386195
Amount Units: pg/ul



Manual Integration Results

RT: 31.85
Area: 7863
Amount: 0.316577
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:32:17 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

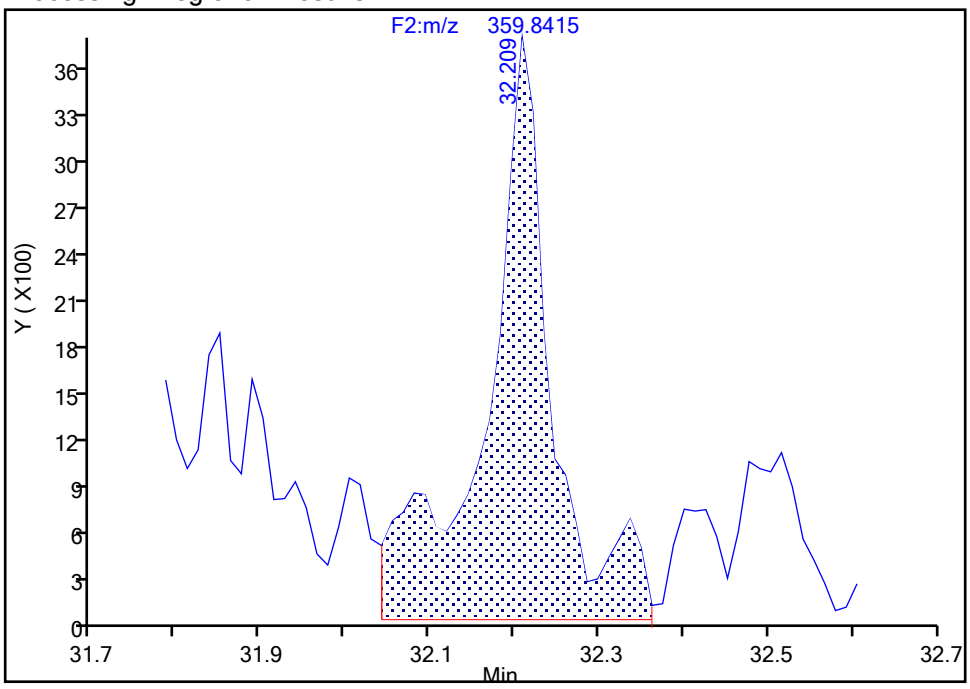
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-136, CAS: 38411-22-2

Signal: 1

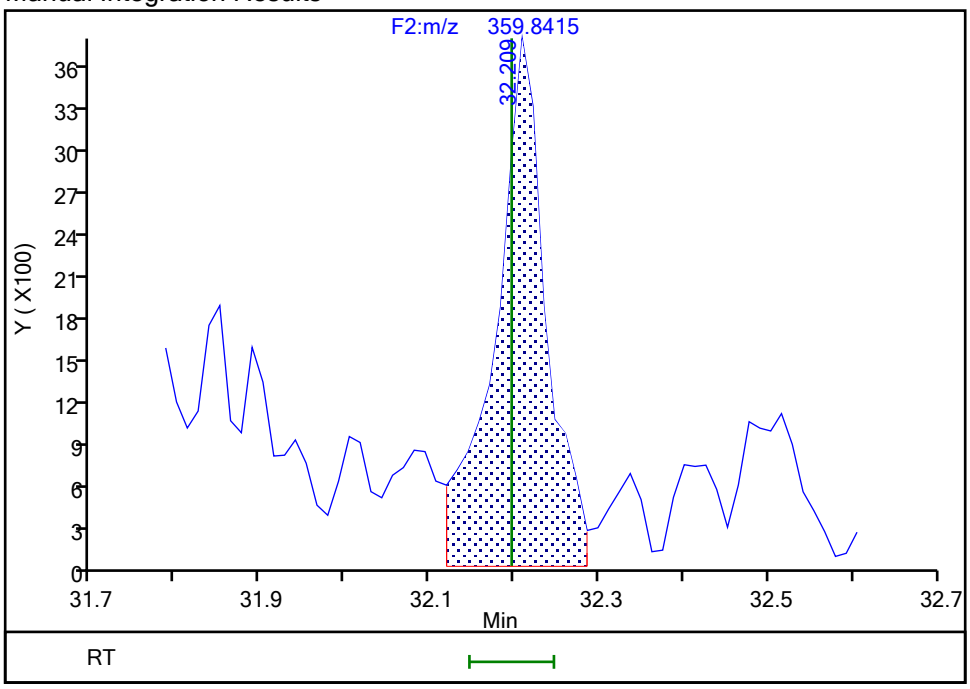
Processing Integration Results

RT: 32.21
Area: 20405
Amount: 0.858860
Amount Units: pg/ul



Manual Integration Results

RT: 32.21
Area: 15428
Amount: 0.719796
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:32:27 -05:00:00 (UTC)

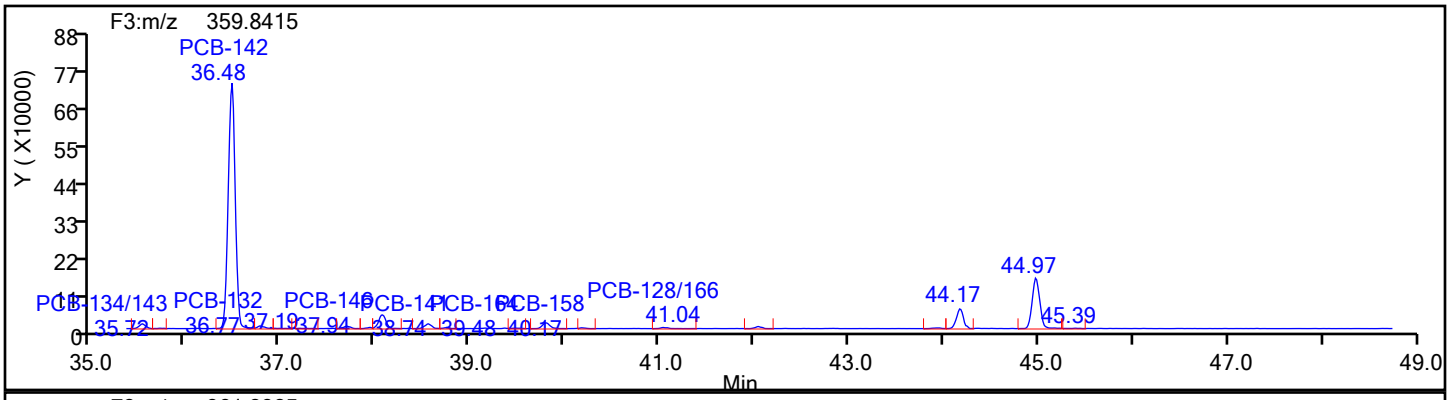
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

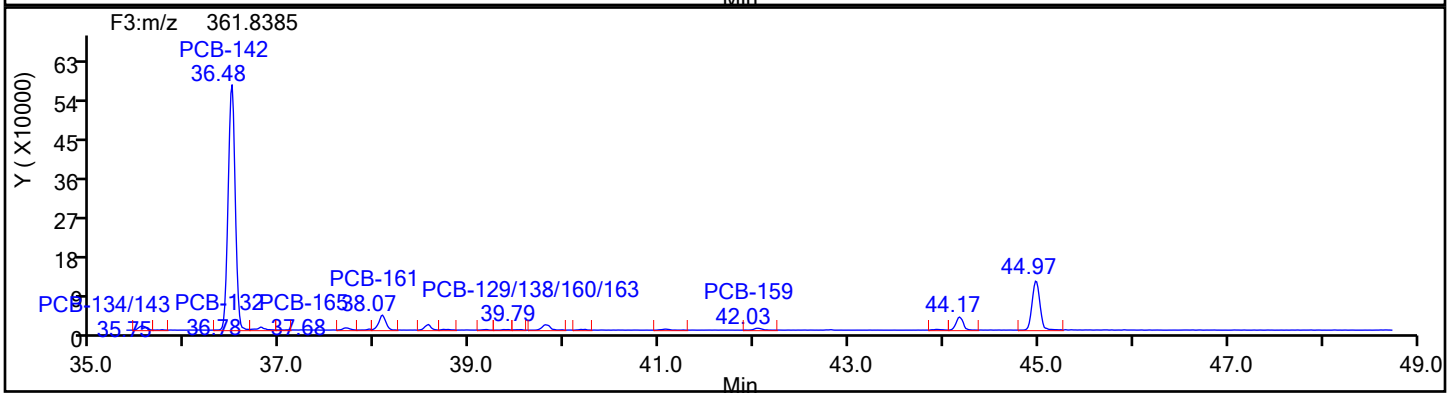
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

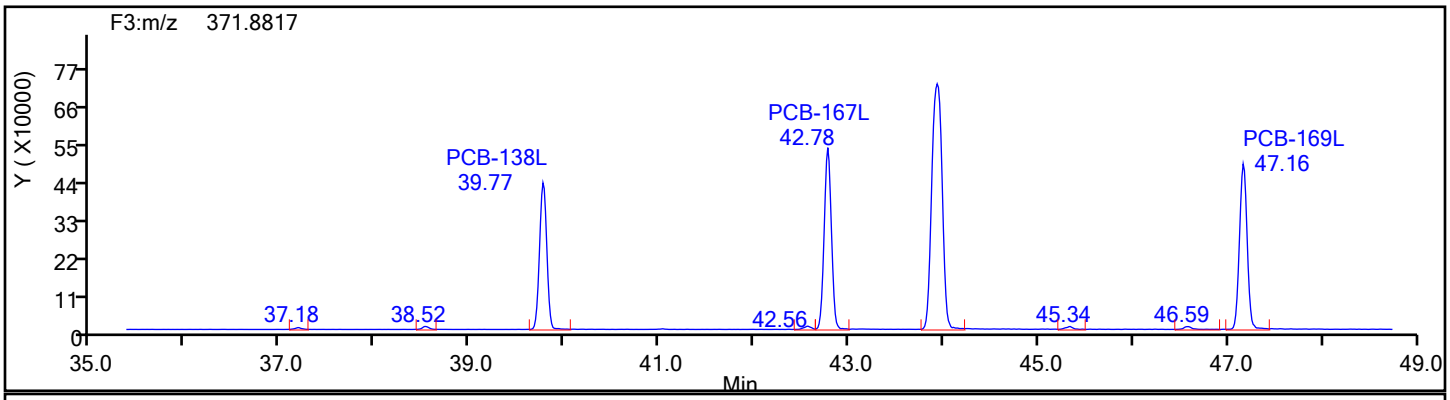
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d
Injection Date: 04-Jan-2024 15:02:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02
Worklist#: 82009 Sample Line#: 7
Column Type: Column Dia:

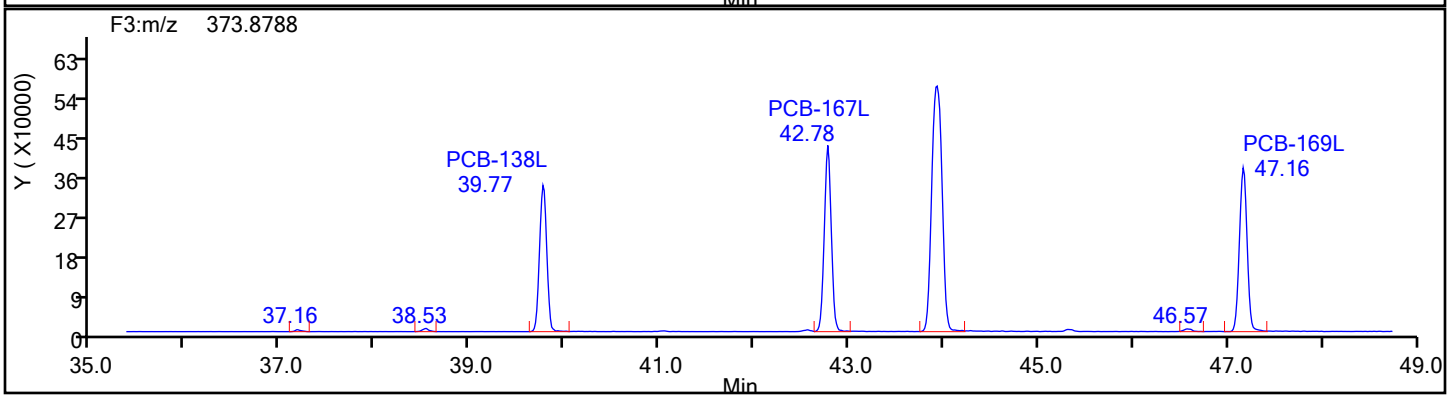
HxPCB F3





HxPCB F3 Standards



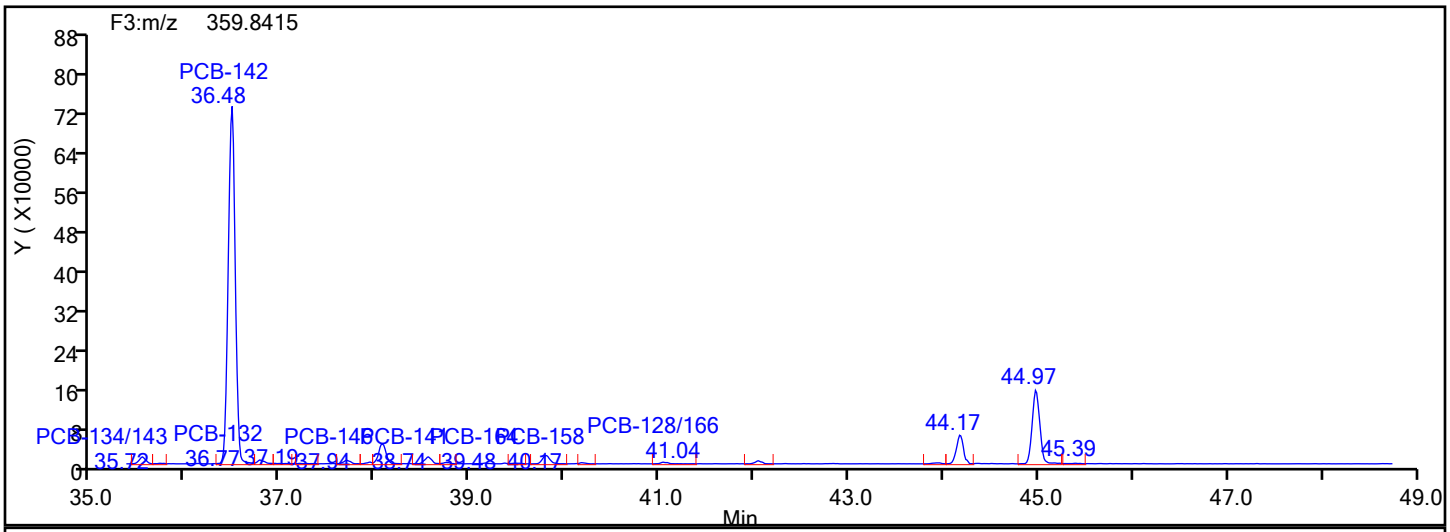


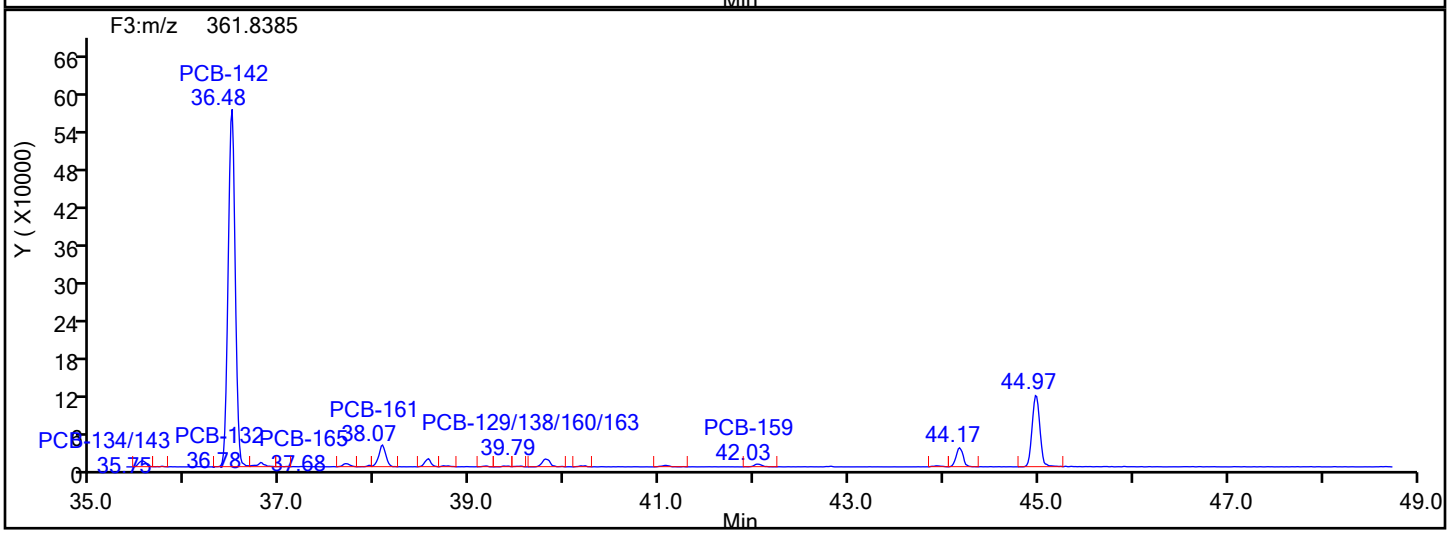
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

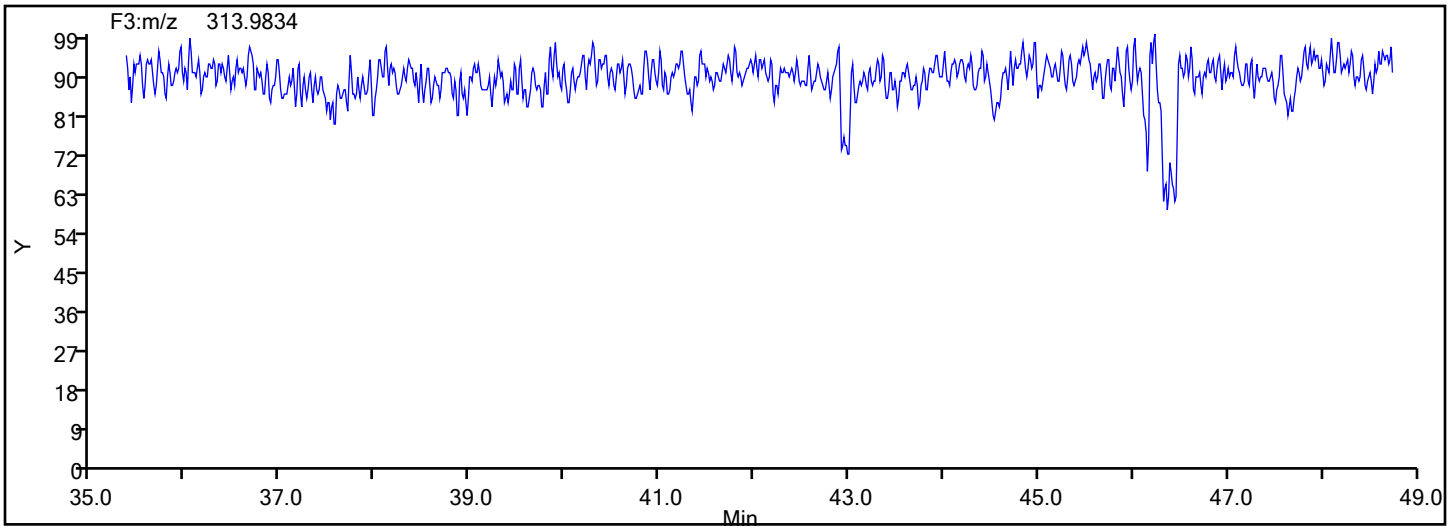
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d
Injection Date: 04-Jan-2024 15:02:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02
Worklist#: 82009 Sample Line#: 7
Column Type: Column Dia:

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

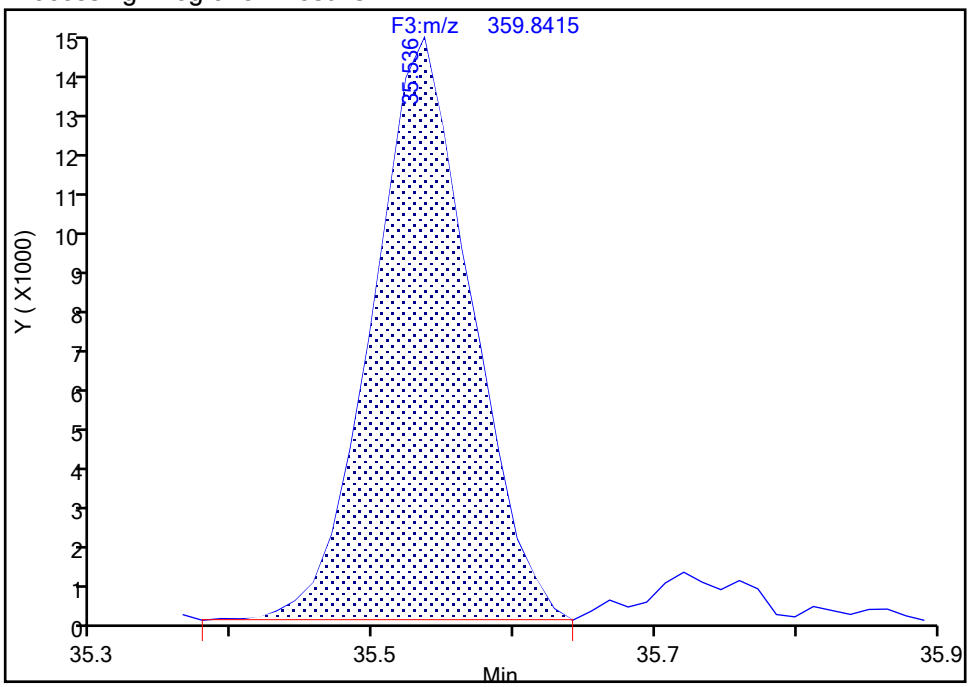
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-147/149, CAS: STL01821

Signal: 1

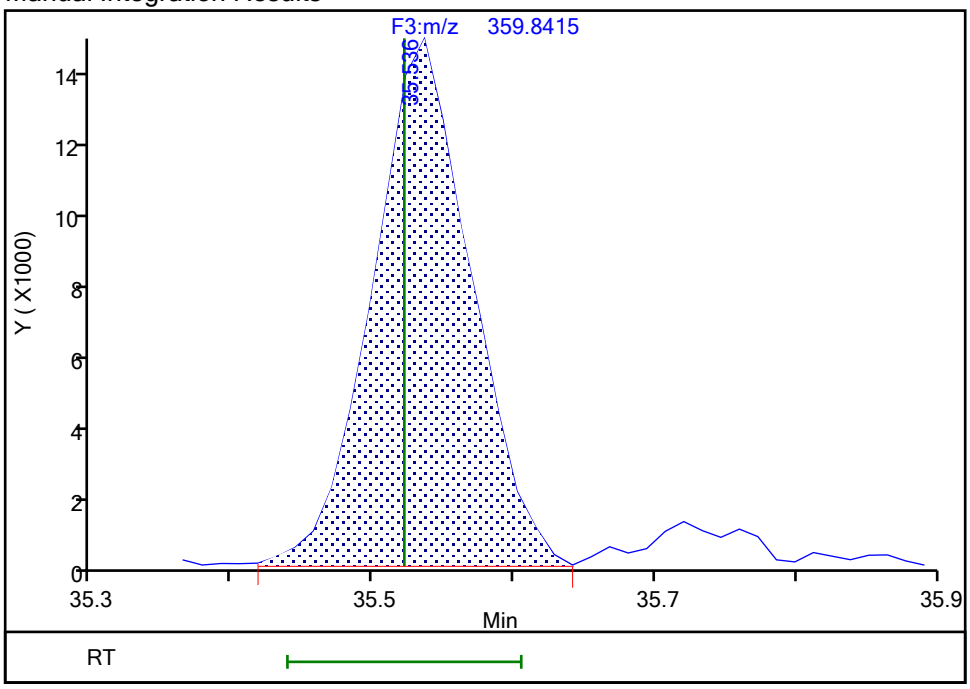
Processing Integration Results

RT: 35.54
Area: 68432
Amount: 2.918002
Amount Units: pg/ul



Manual Integration Results

RT: 35.54
Area: 68432
Amount: 2.834403
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:33:07 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

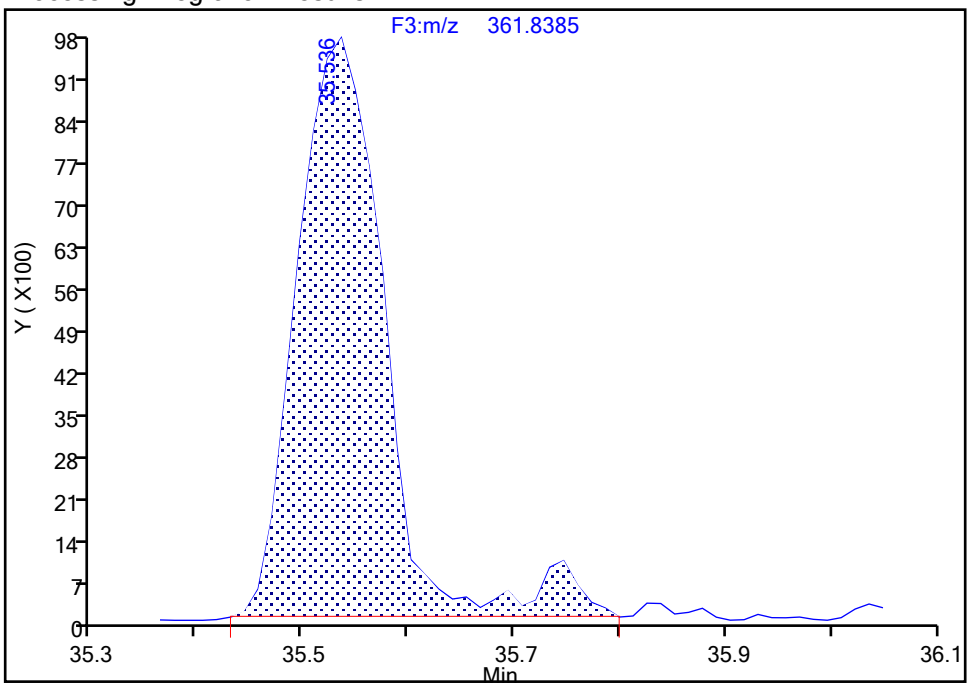
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-147/149, CAS: STL01821

Signal: 2

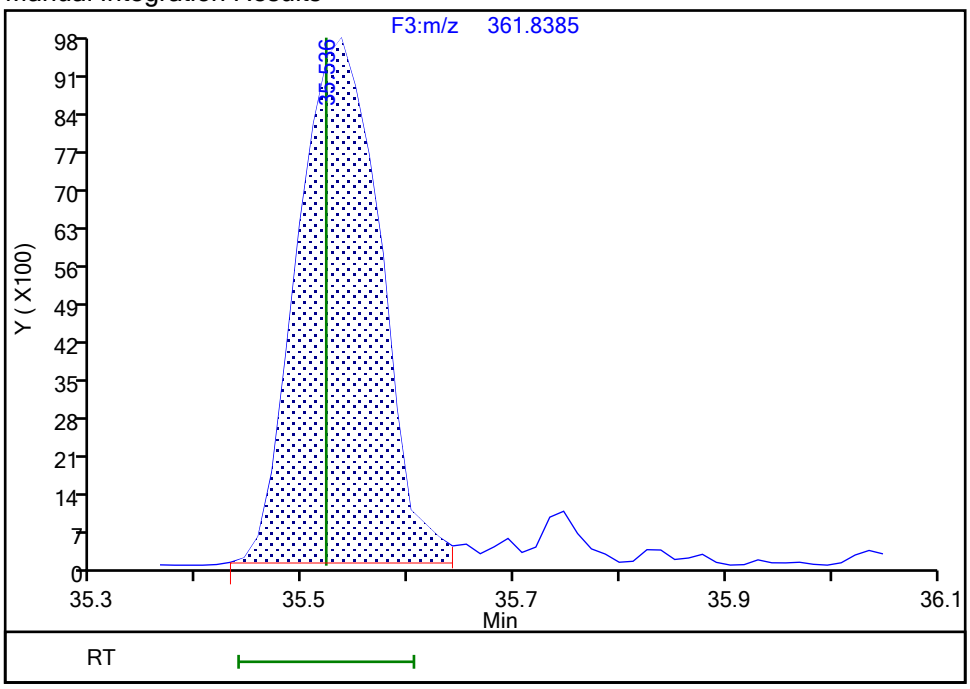
Processing Integration Results

RT: 35.54
Area: 55829
Amount: 2.918002
Amount Units: pg/ul



Manual Integration Results

RT: 35.54
Area: 52269
Amount: 2.834403
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:33:09 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

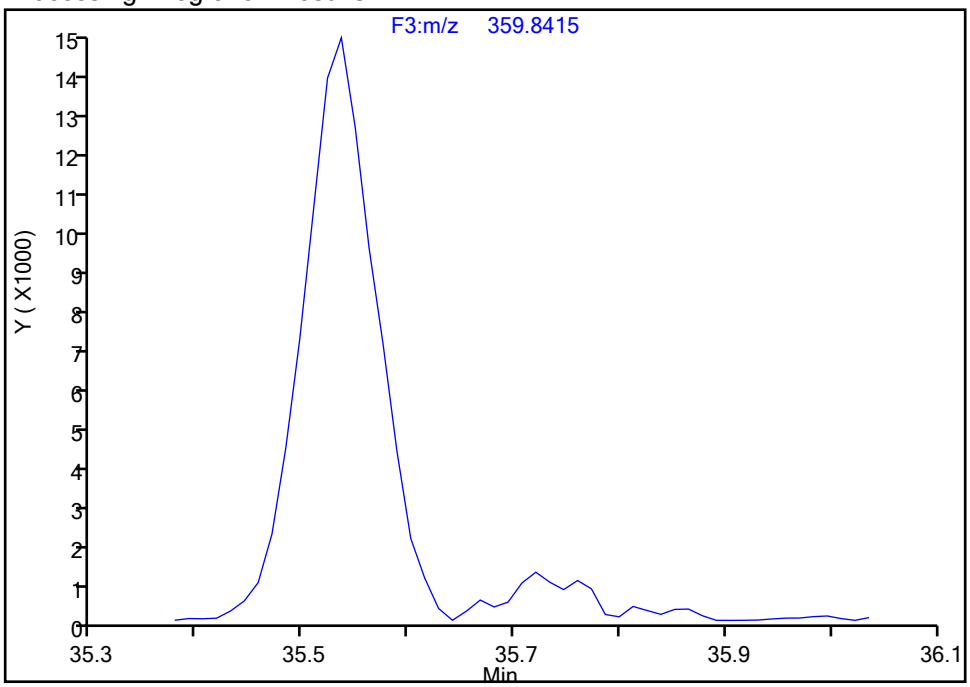
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 1

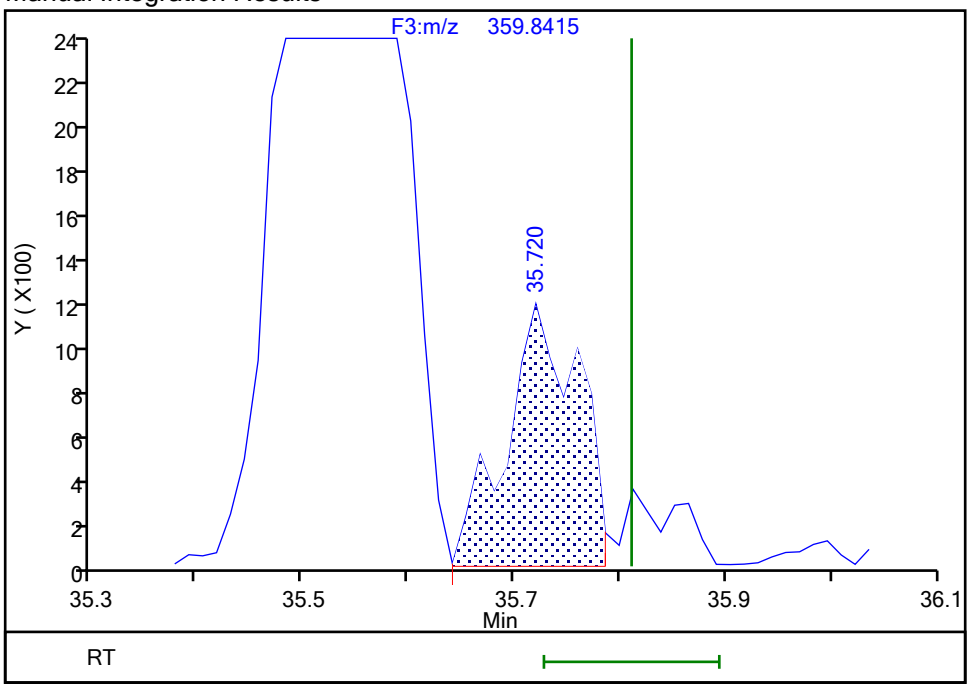
Not Detected
Expected RT: 35.81

Processing Integration Results



Manual Integration Results

RT: 35.72
Area: 5557
Amount: 0.271495
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:33:21 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

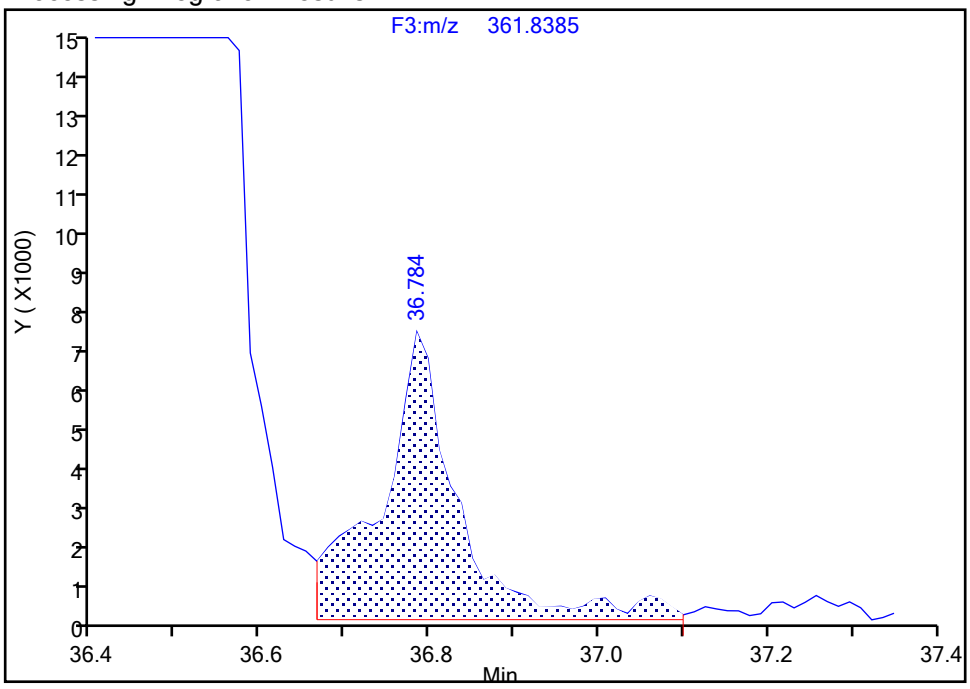
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-132, CAS: 38380-05-1

Signal: 2

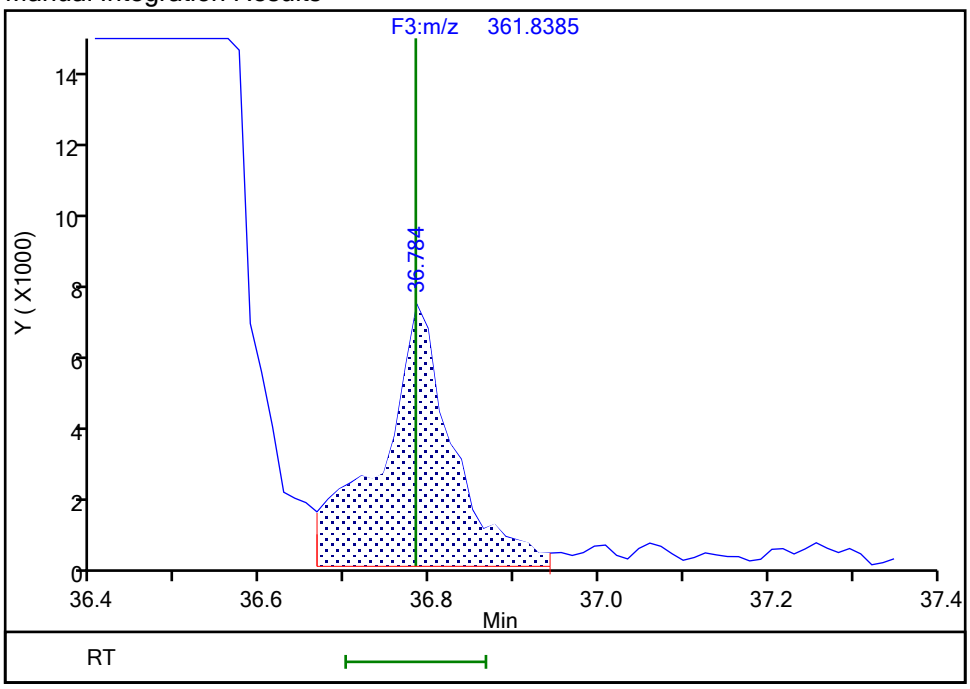
Processing Integration Results

RT: 36.78
Area: 44712
Amount: 2.645890
Amount Units: pg/ul



Manual Integration Results

RT: 36.78
Area: 41163
Amount: 2.369345
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:33:56 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

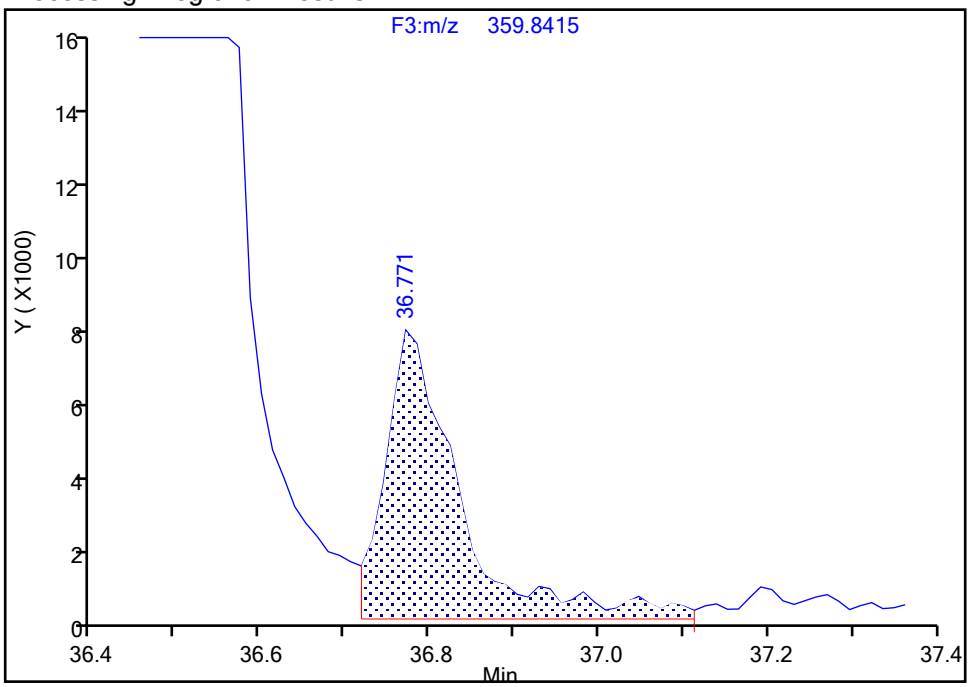
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-132, CAS: 38380-05-1

Signal: 1

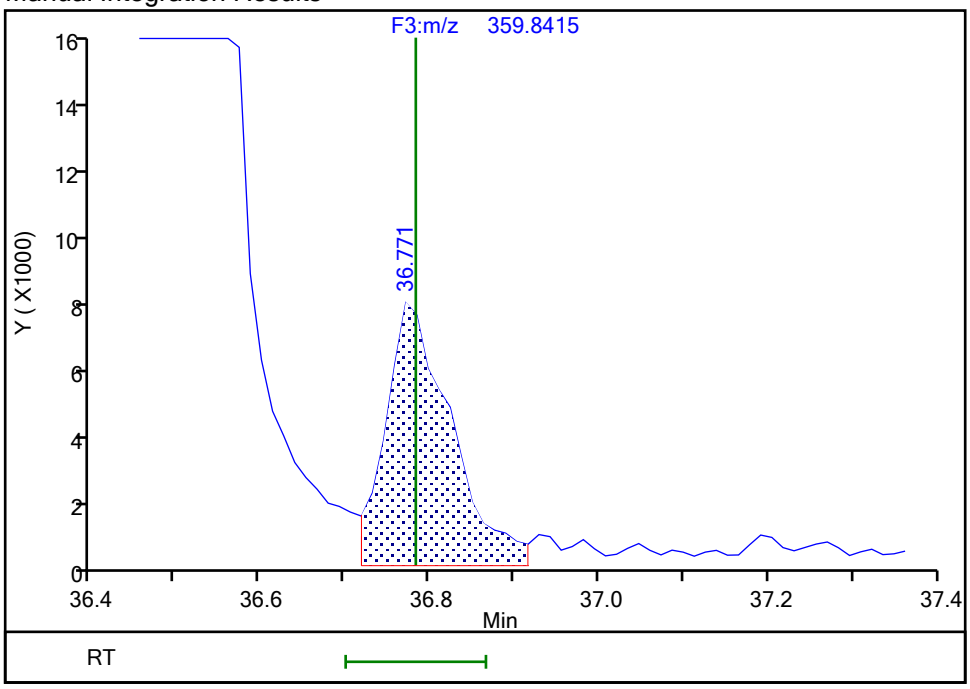
Processing Integration Results

RT: 36.77
Area: 47463
Amount: 2.645890
Amount Units: pg/ul



Manual Integration Results

RT: 36.77
Area: 41378
Amount: 2.369345
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:33:58 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

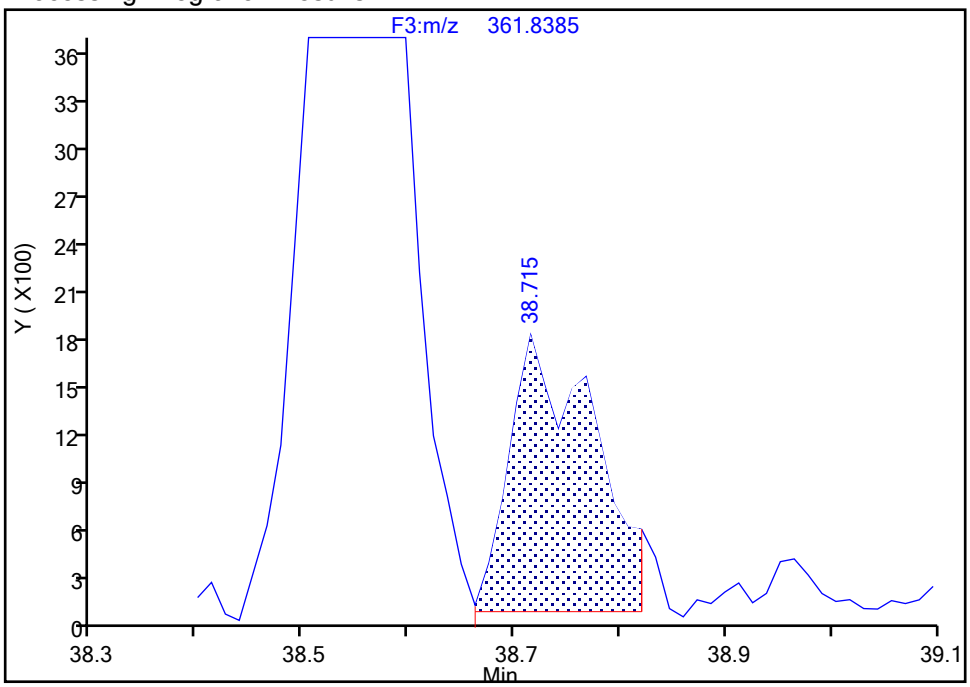
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-141, CAS: 52712-04-6

Signal: 2

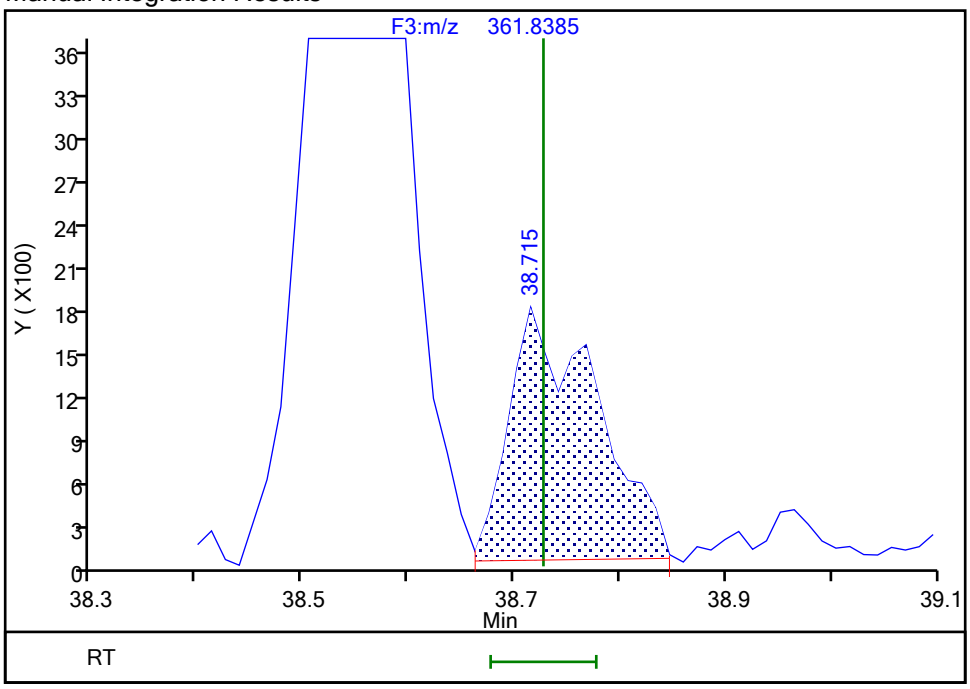
Processing Integration Results

RT: 38.72
Area: 9385
Amount: 0.591724
Amount Units: pg/ul



Manual Integration Results

RT: 38.72
Area: 9943
Amount: 0.606649
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:34:16 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

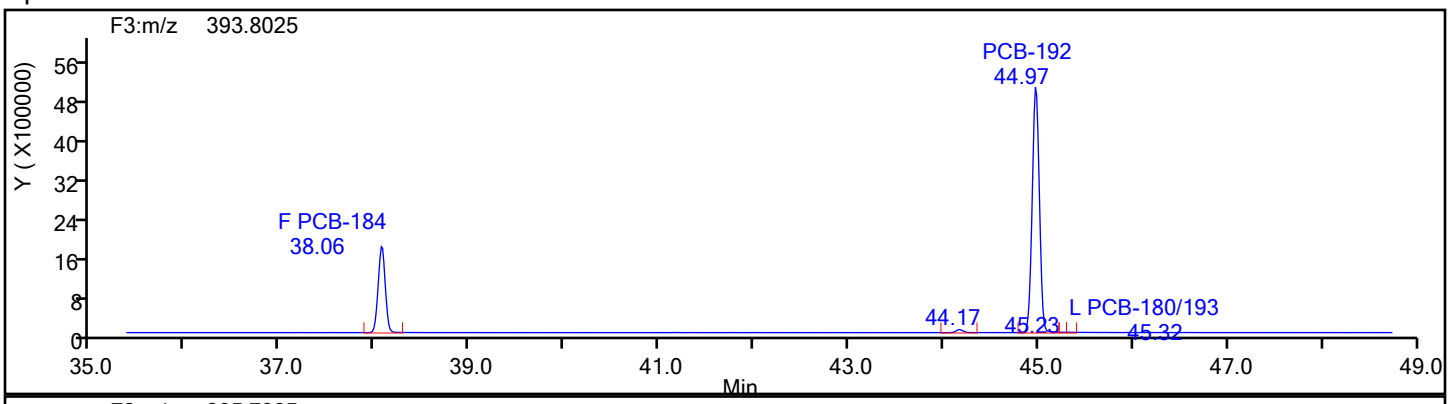
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

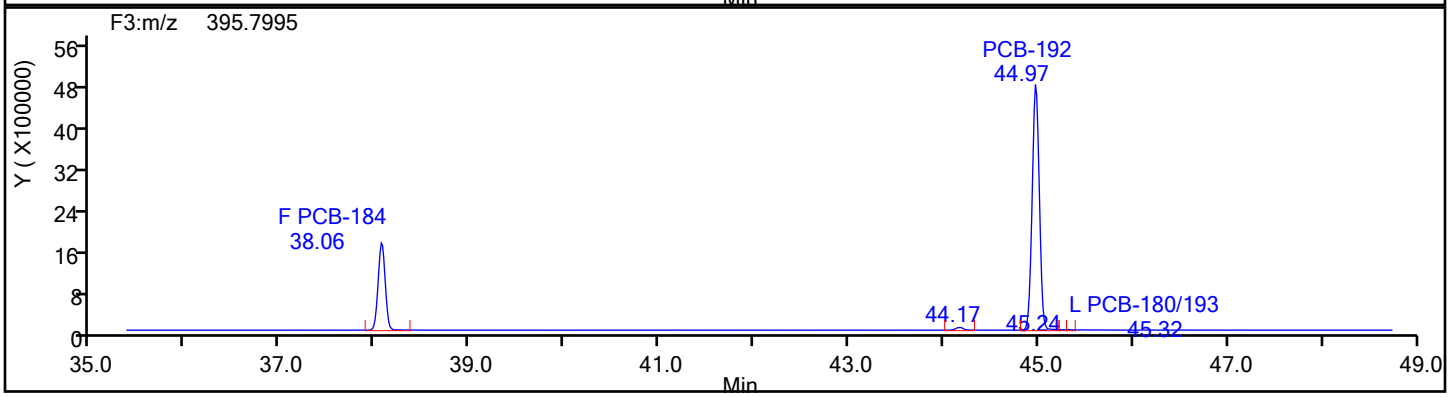
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

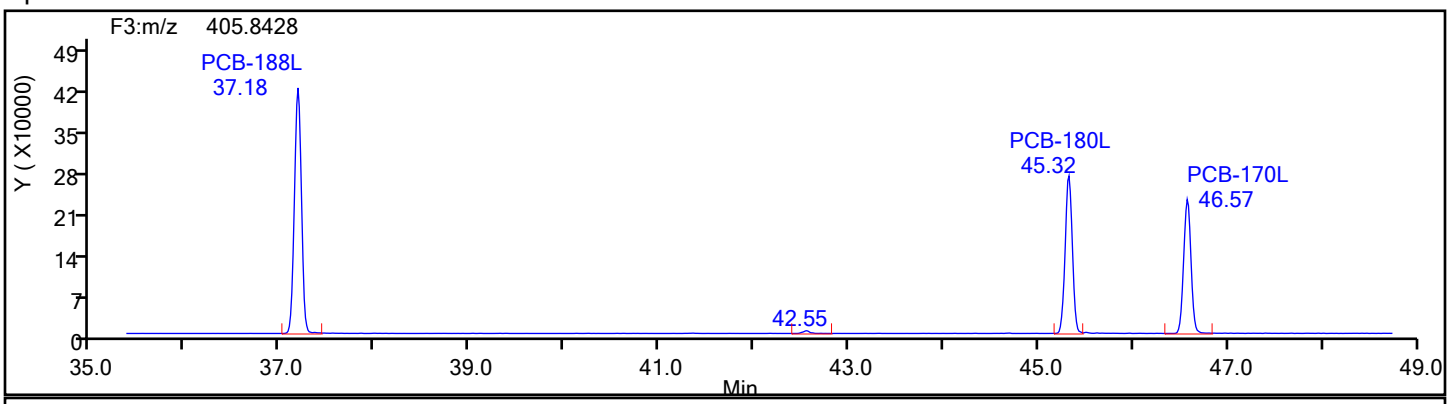
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

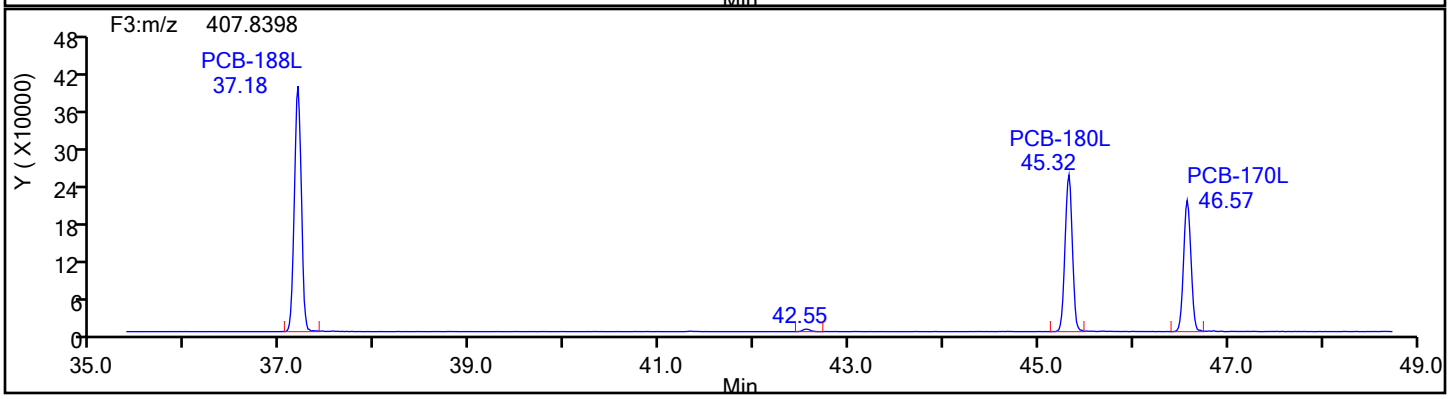
HpPCB F3





HpPCB F3 Standards



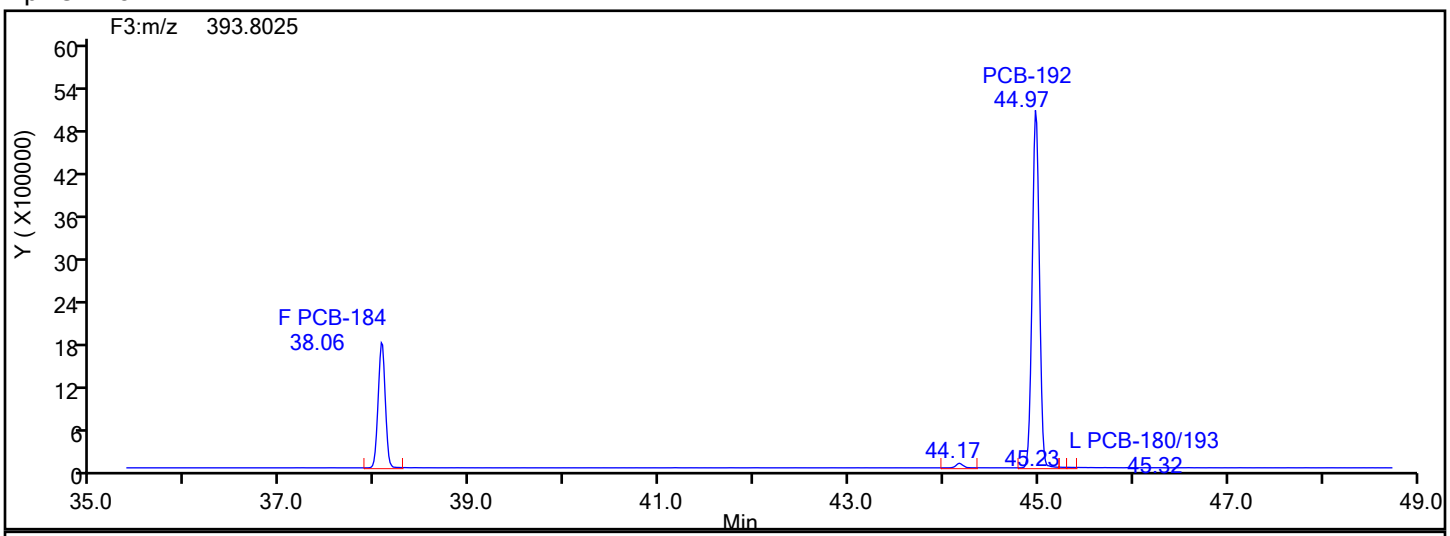


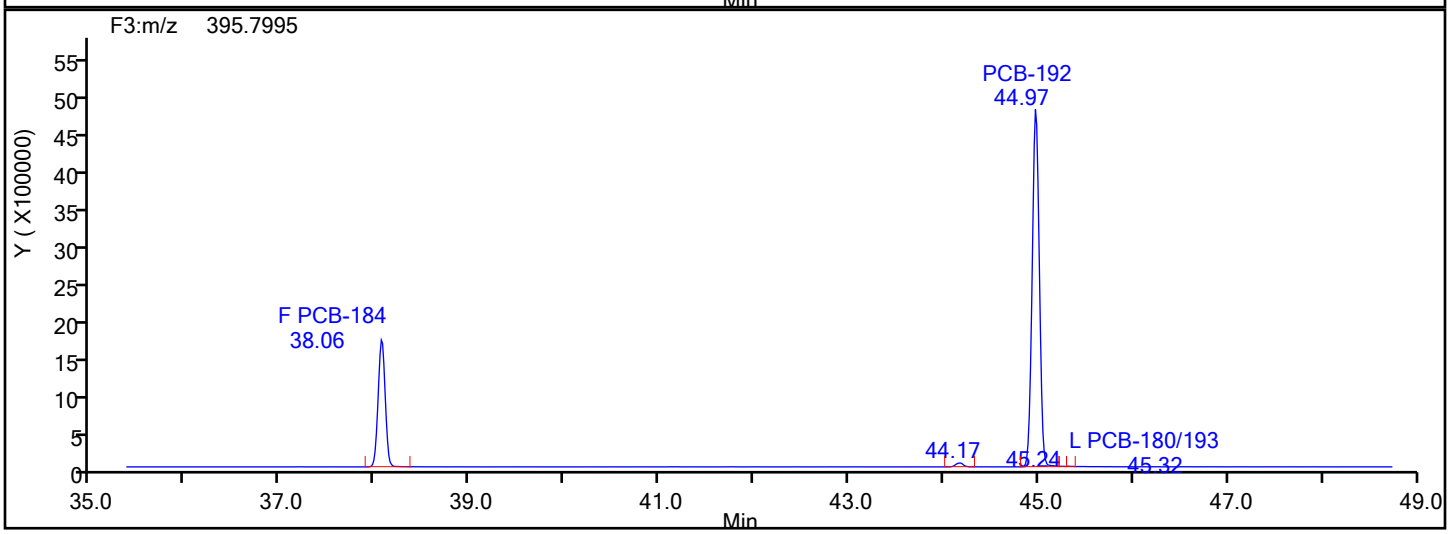
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

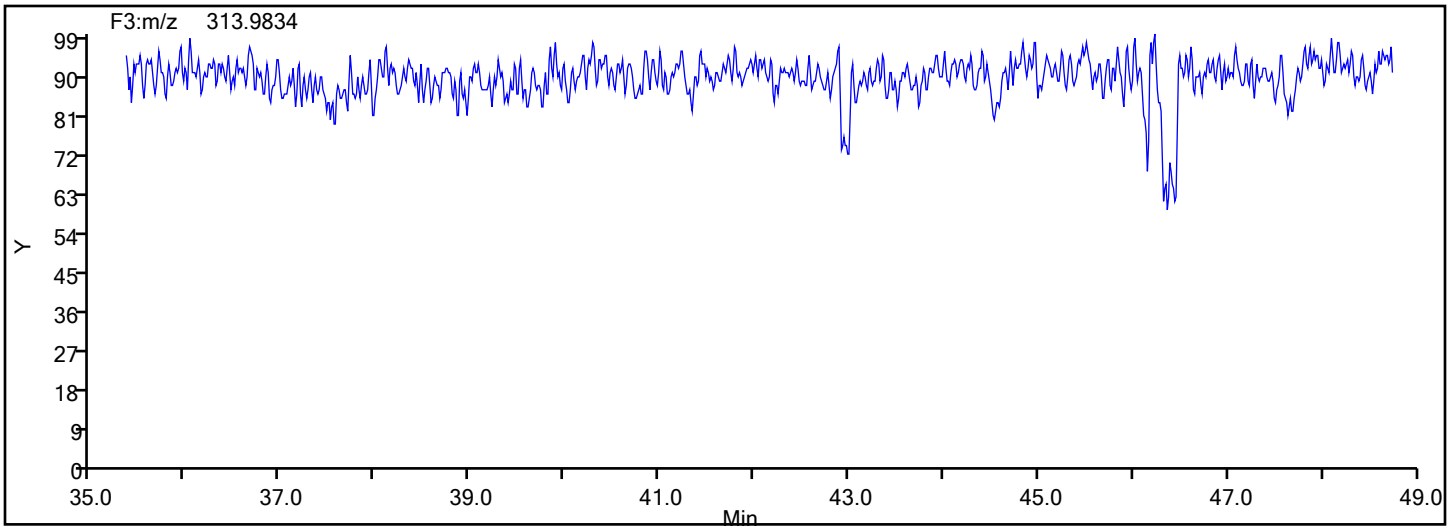
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

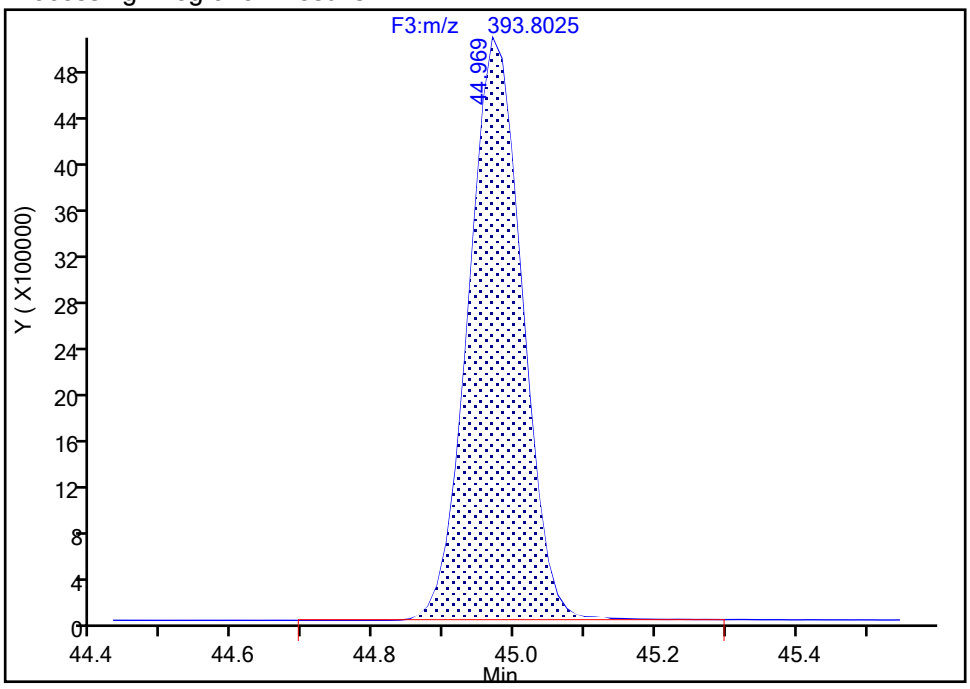
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-192, CAS: 74472-51-8

Signal: 1

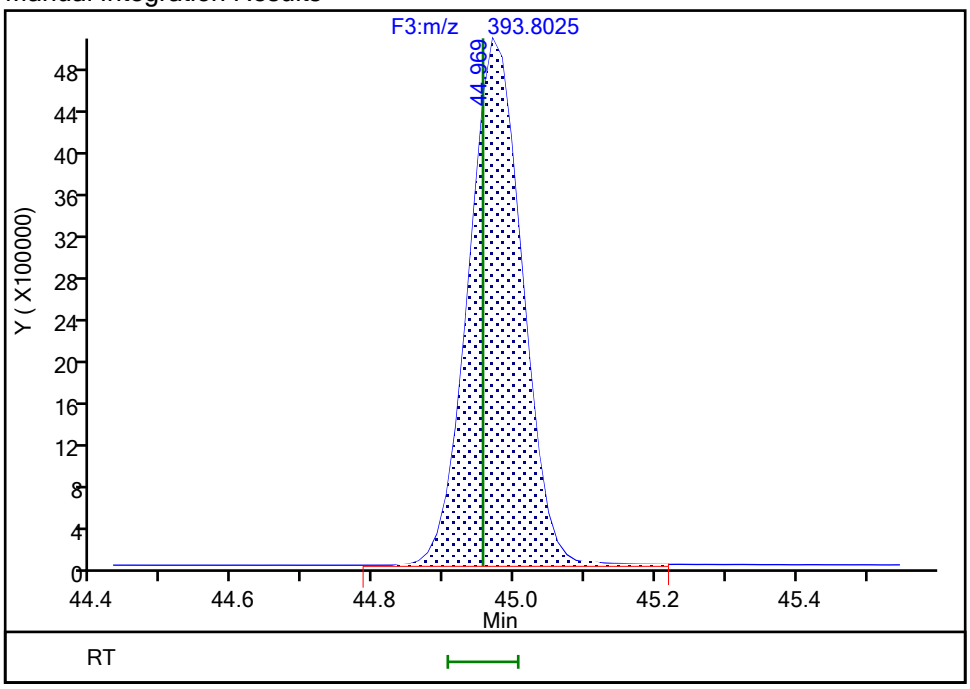
Processing Integration Results

RT: 44.97
Area: 26855129
Amount: 1113.7128
Amount Units: pg/ul



Manual Integration Results

RT: 44.97
Area: 26817317
Amount: 1112.7960
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:36:15 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

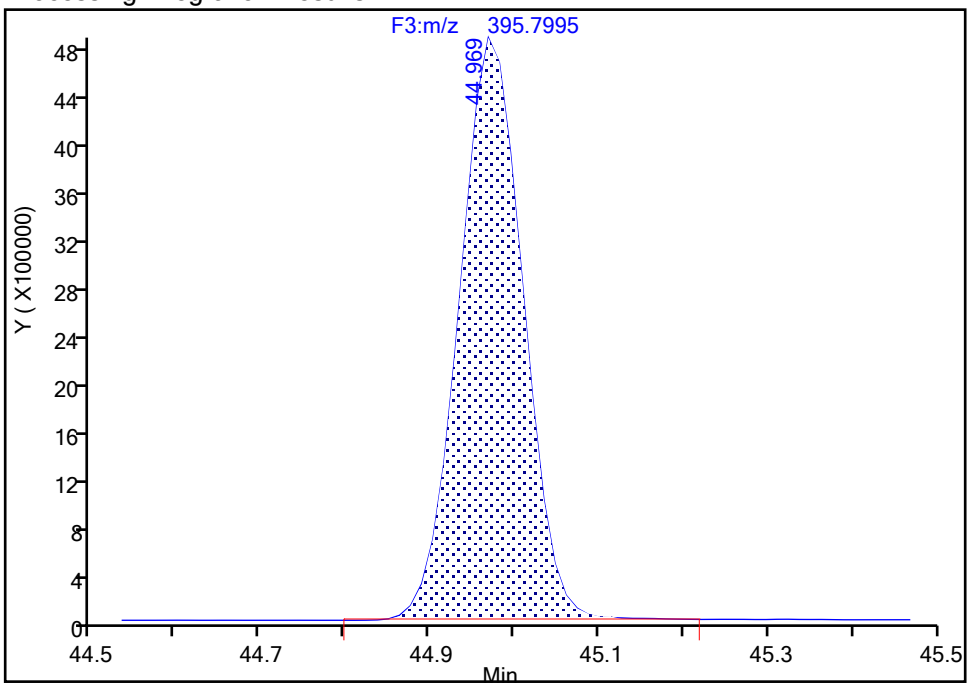
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-192, CAS: 74472-51-8

Signal: 2

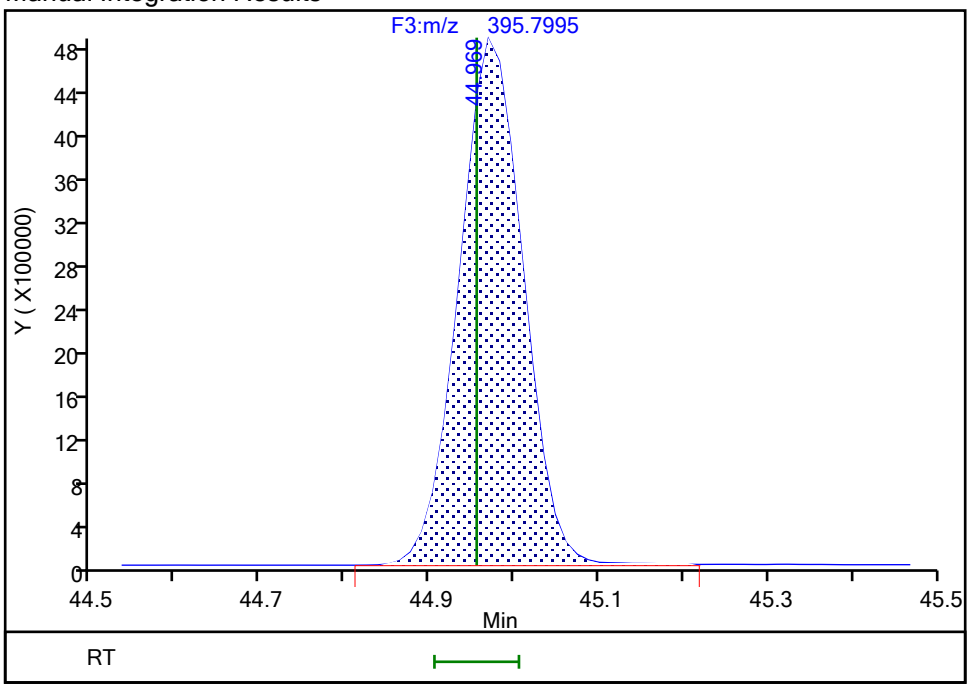
Processing Integration Results

RT: 44.97
Area: 25379444
Amount: 1113.7128
Amount Units: pg/ul



Manual Integration Results

RT: 44.97
Area: 25374254
Amount: 1112.7960
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:36:17 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

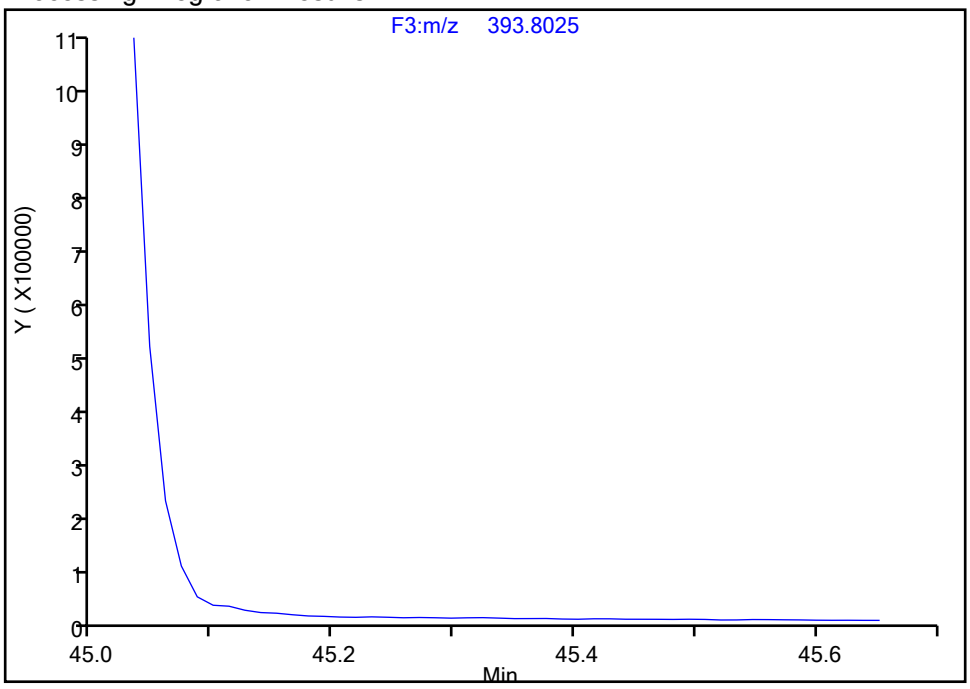
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-180/193, CAS: STL01824

Signal: 1

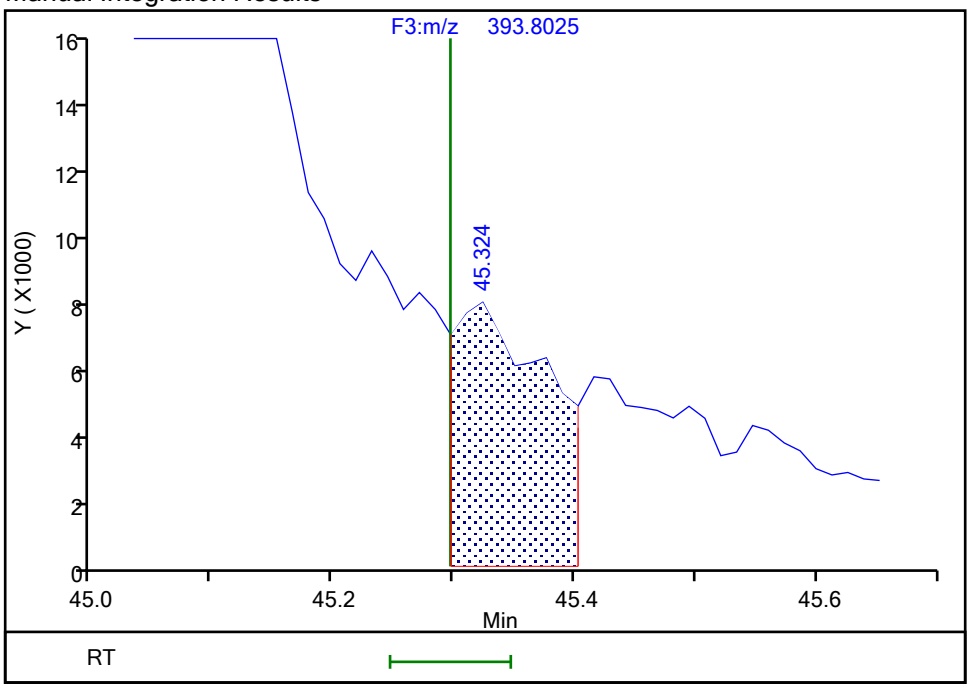
Not Detected
Expected RT: 45.30

Processing Integration Results



Manual Integration Results

RT: 45.32
Area: 38685
Amount: 1.938649
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:36:29 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

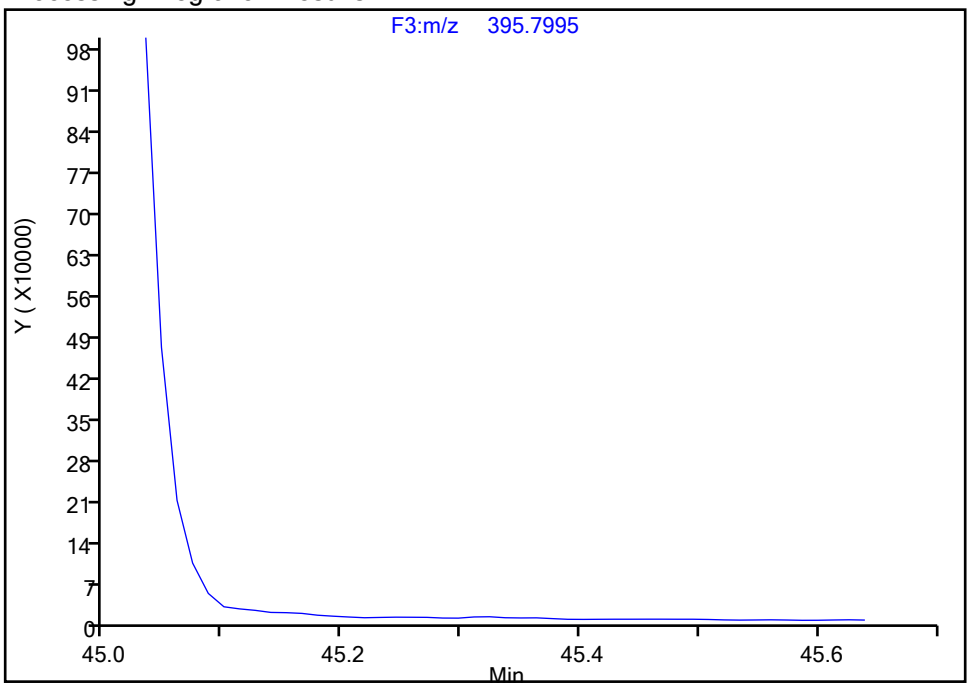
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-180/193, CAS: STL01824

Signal: 2

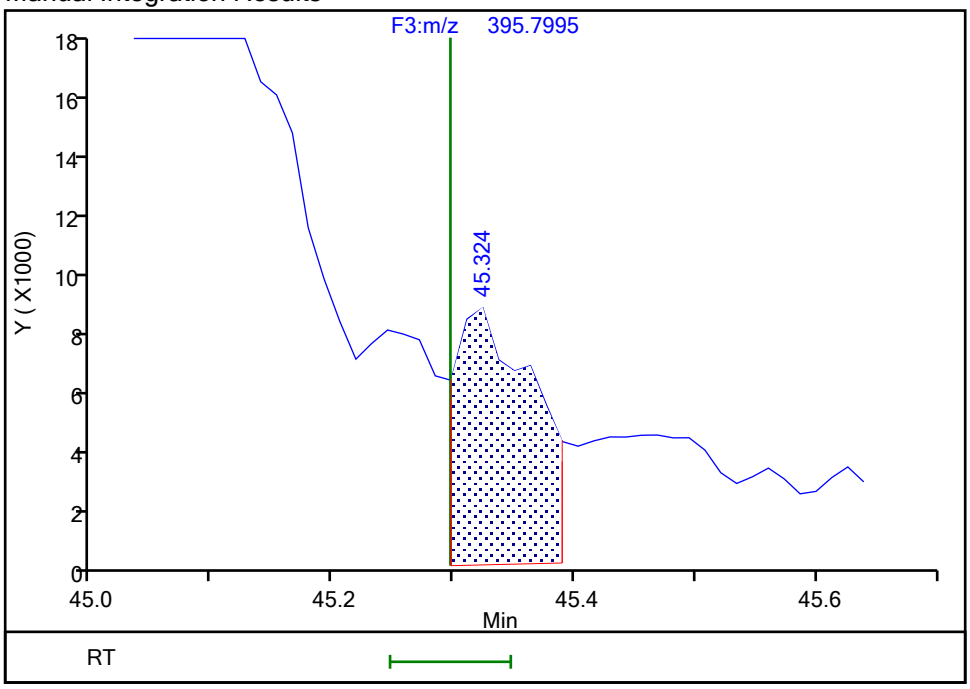
Not Detected
Expected RT: 45.30

Processing Integration Results



Manual Integration Results

RT: 45.32
Area: 36452
Amount: 1.938649
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:36:33 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

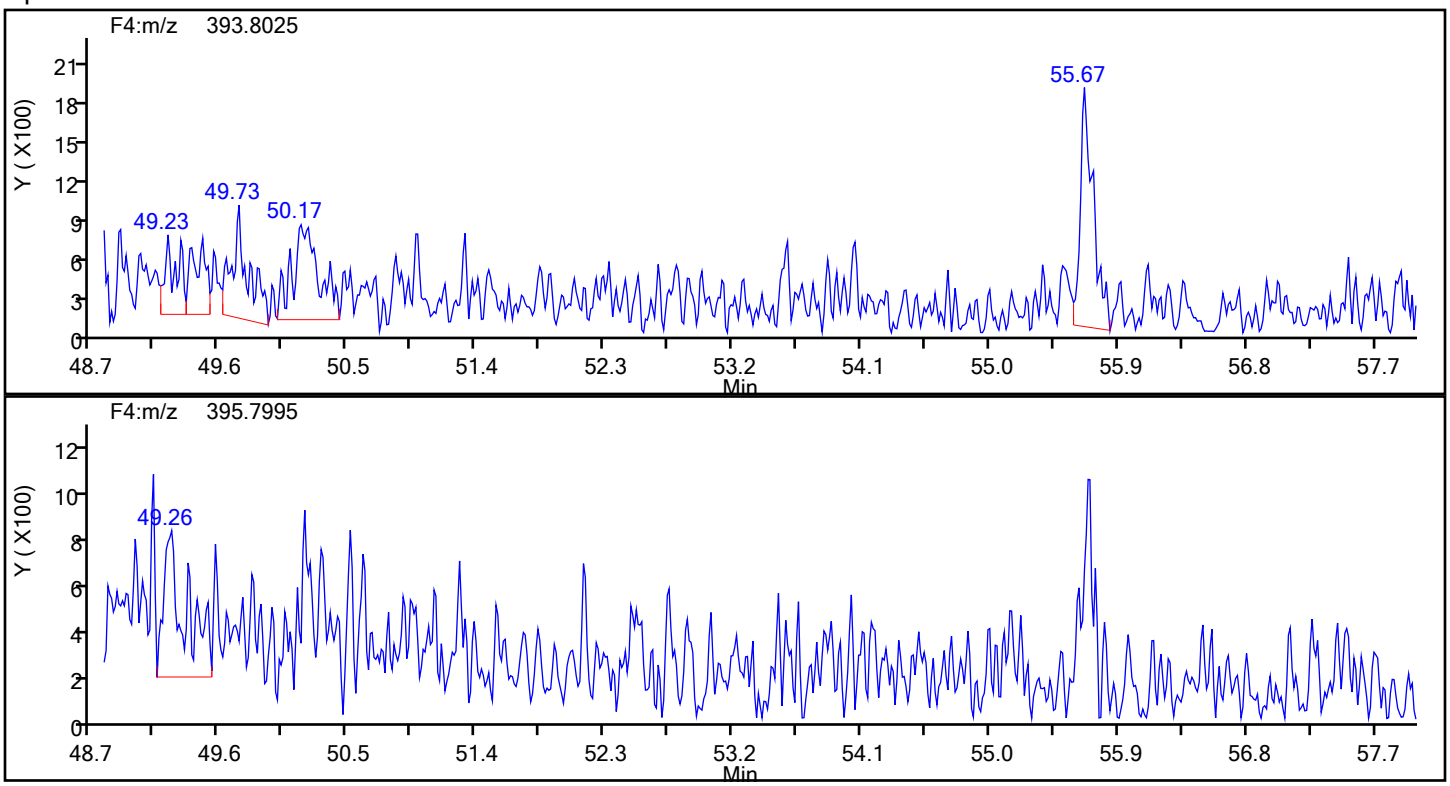
Report Date: 04-Jan-2024 22:55:30 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

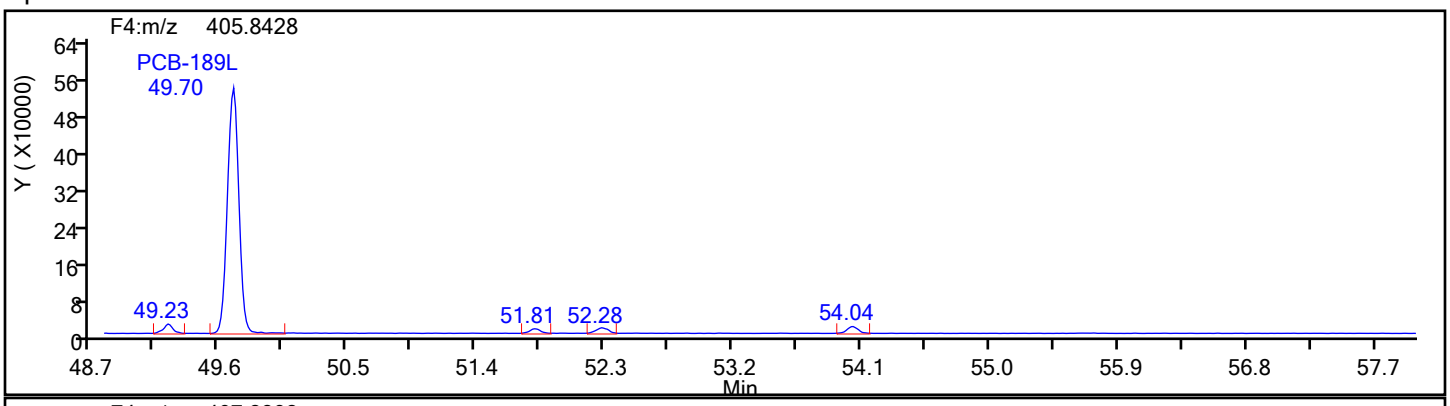
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

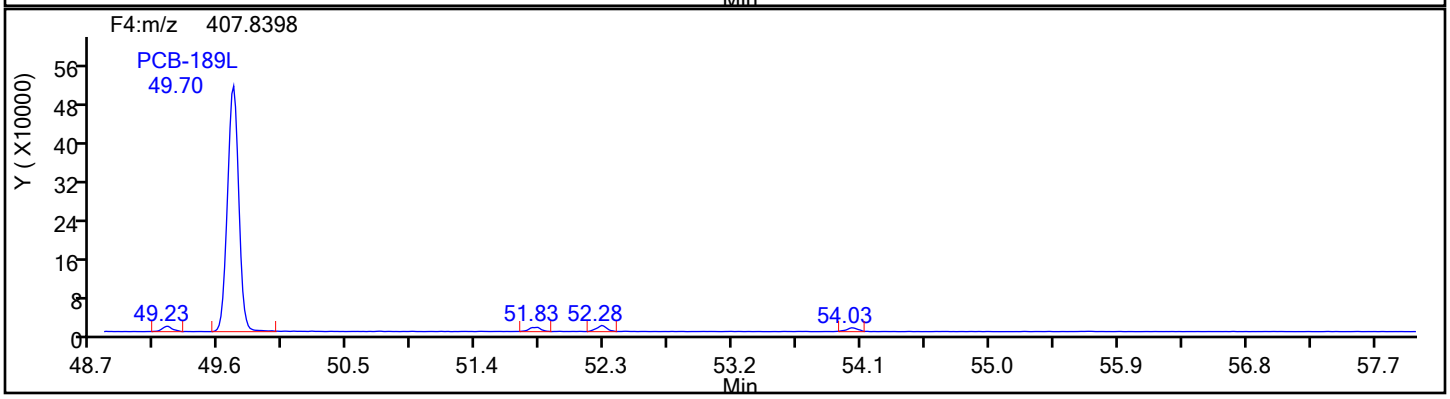
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

HpPCB F4



HpPCB F4 Standards





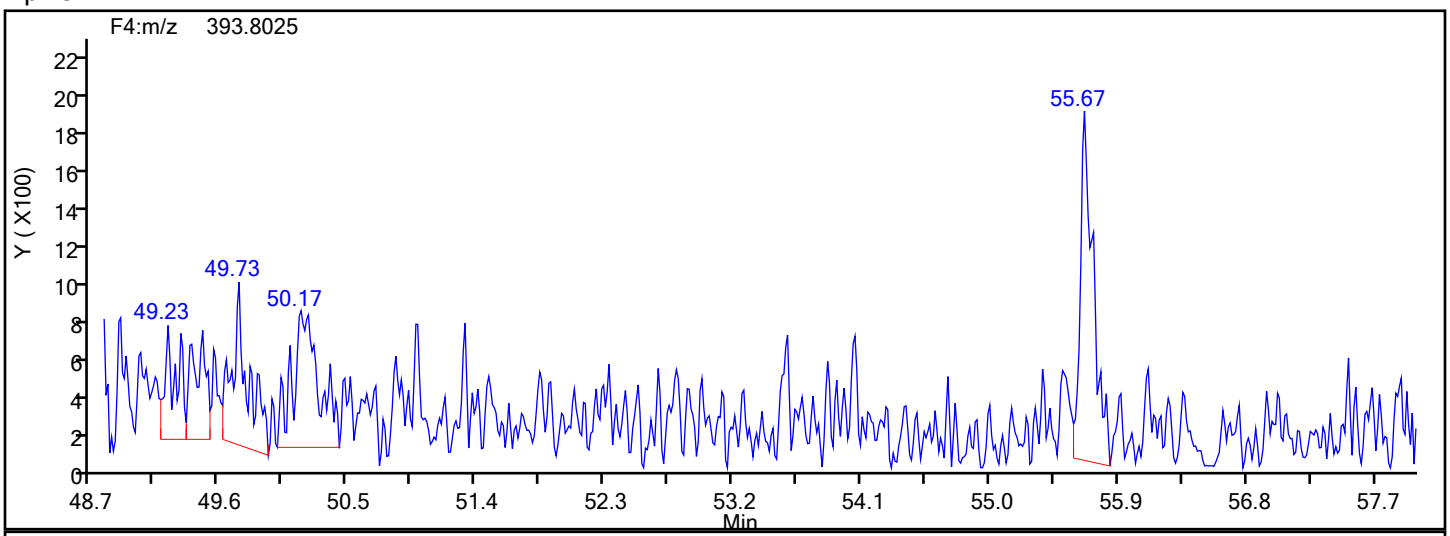
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

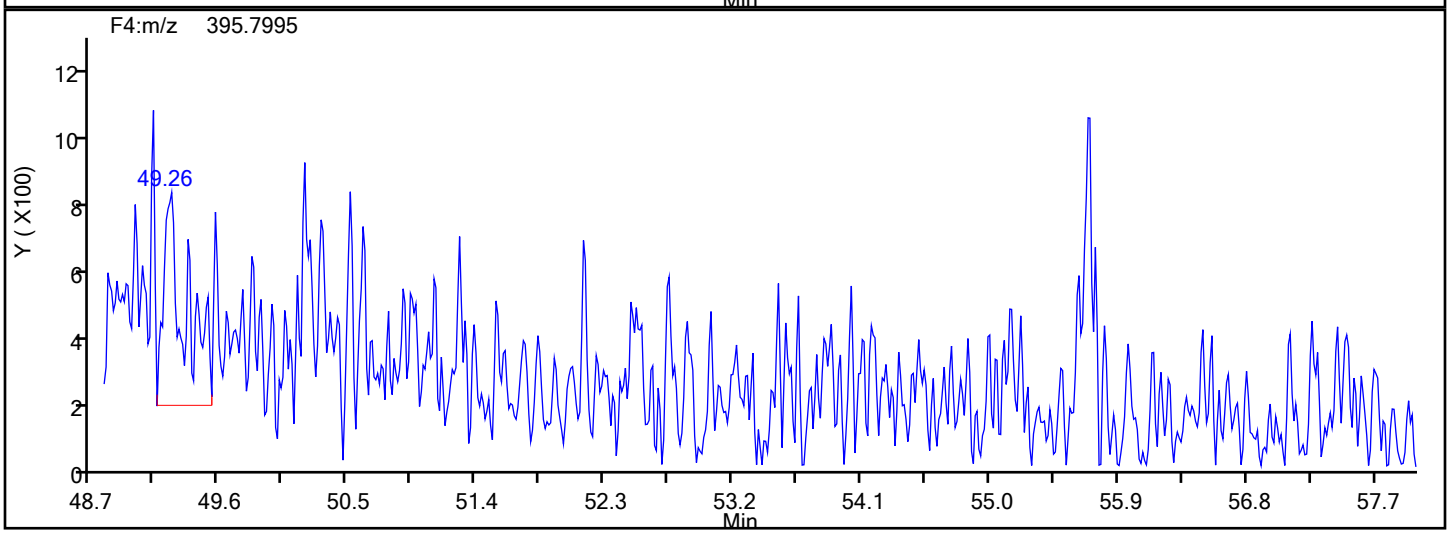
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

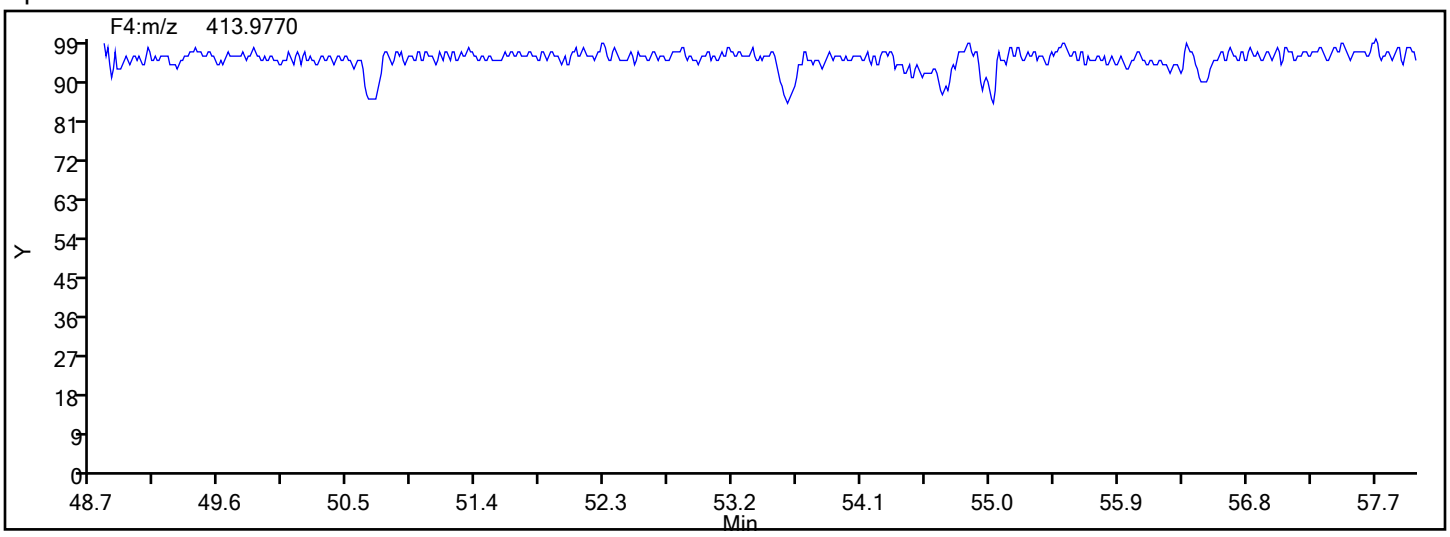
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



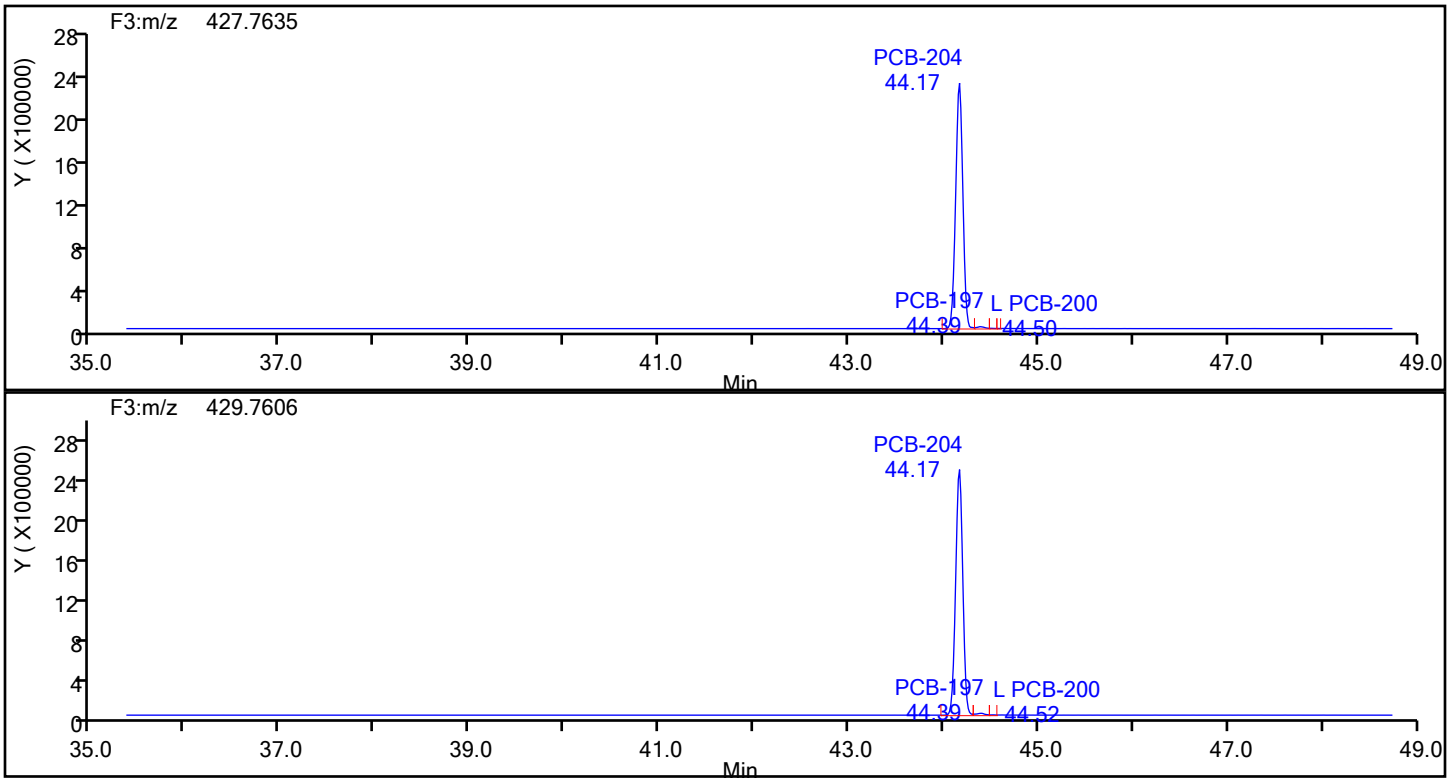
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

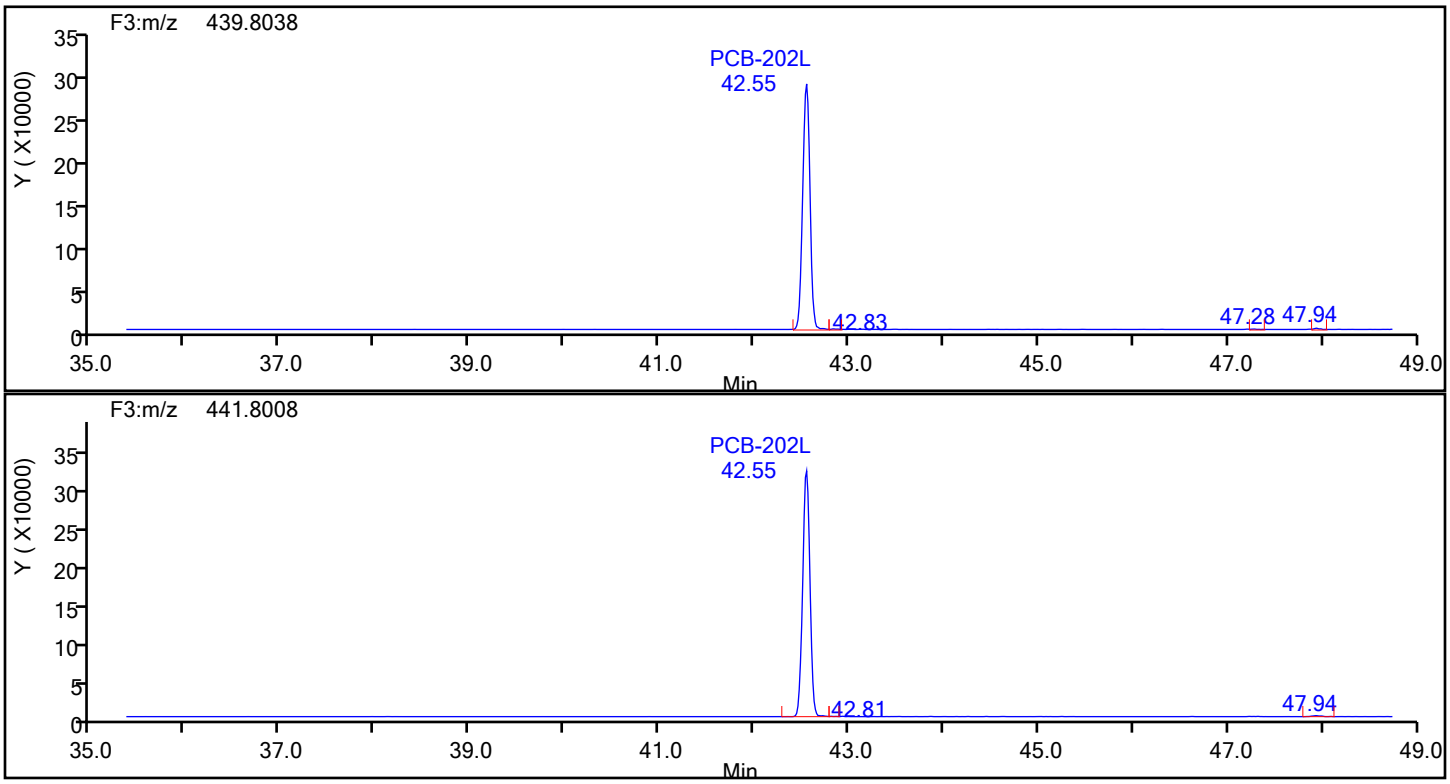
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

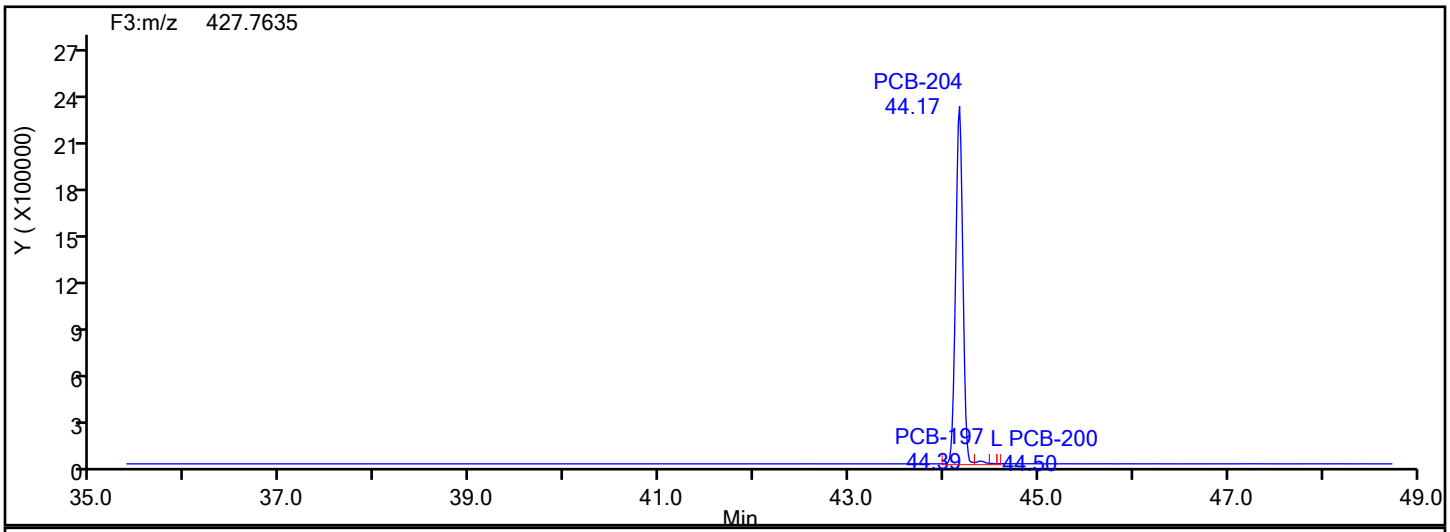


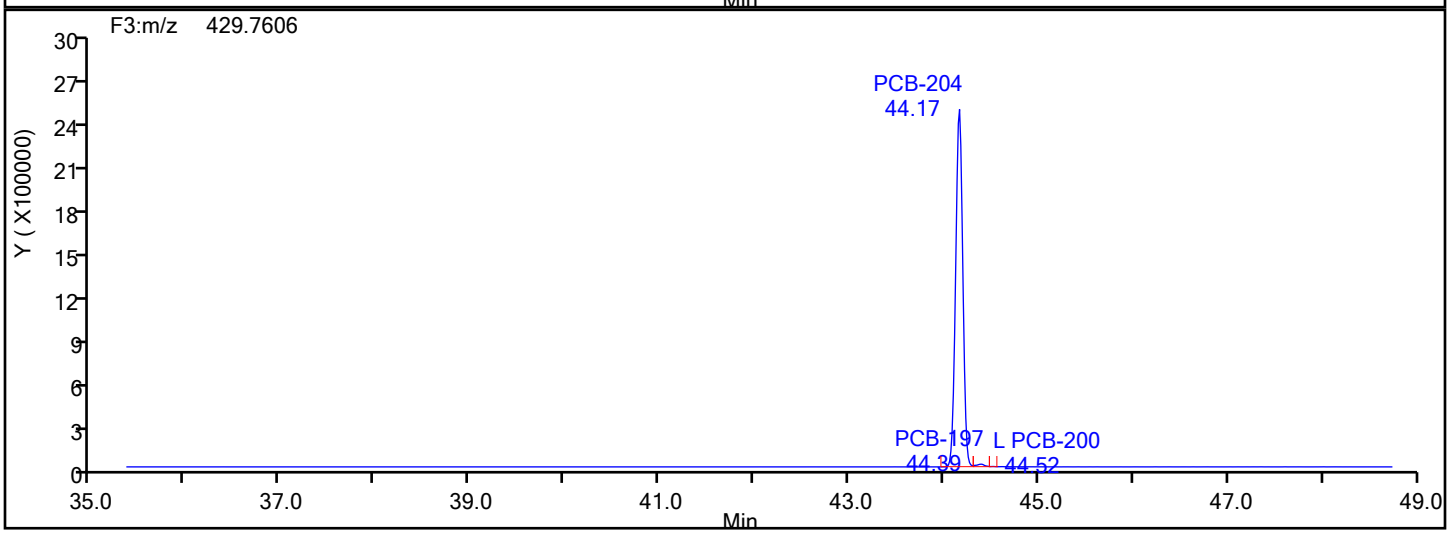
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

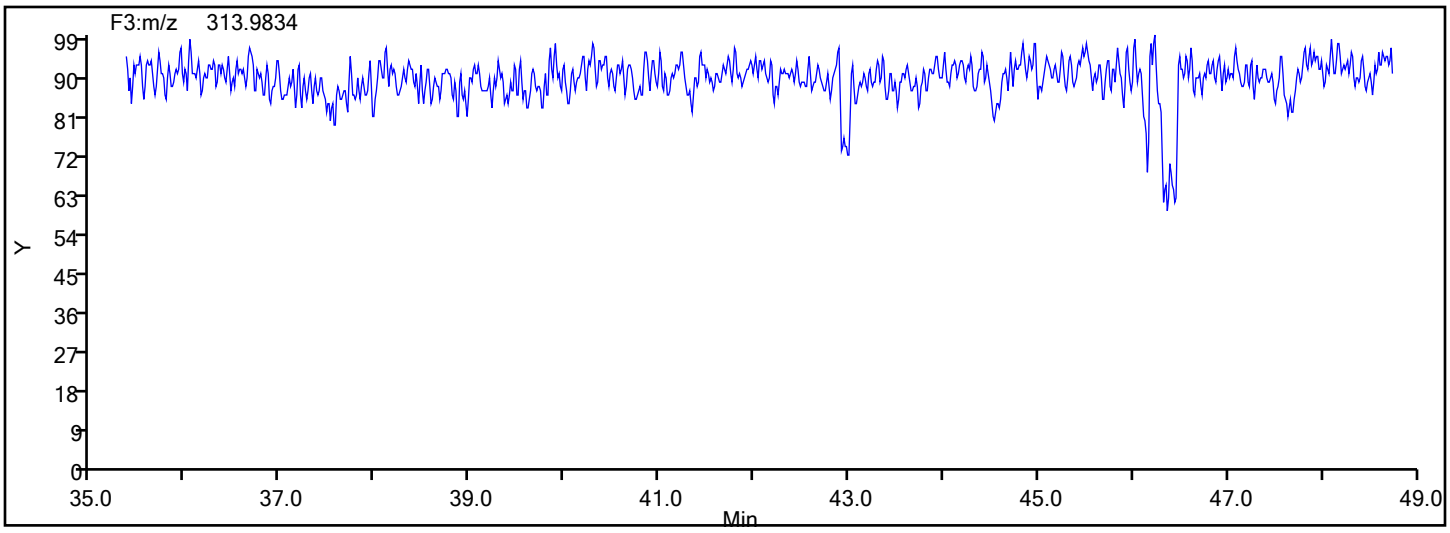
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

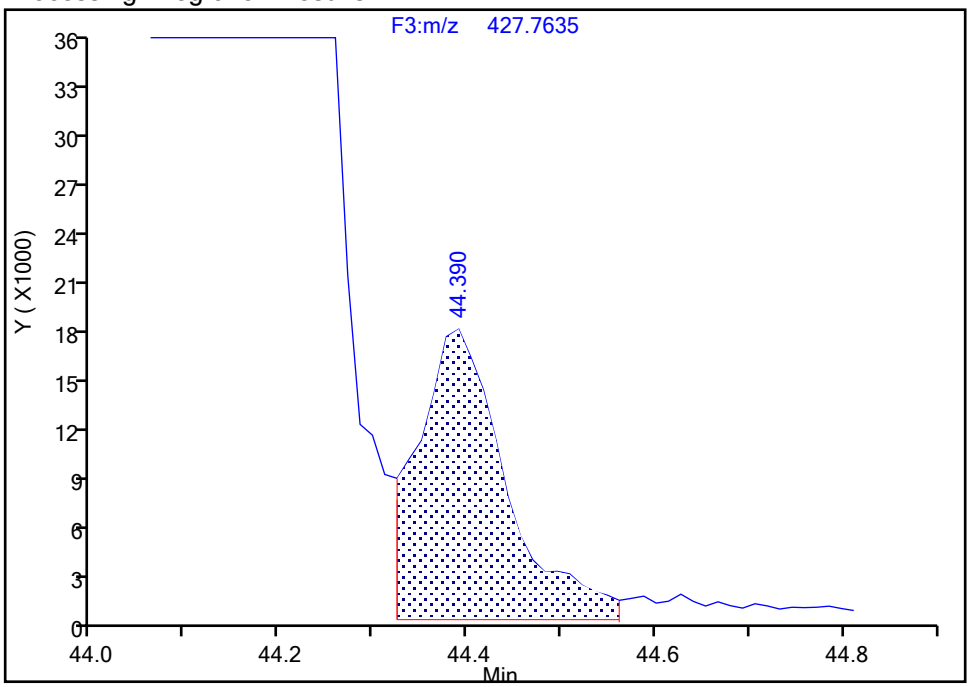
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 1

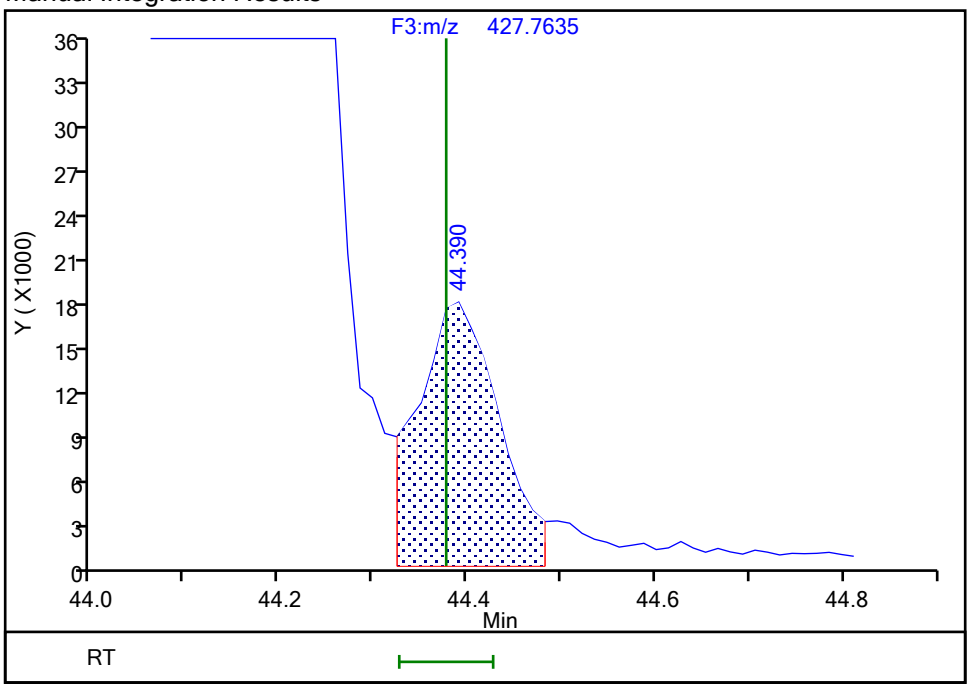
Processing Integration Results

RT: 44.39
Area: 114318
Amount: 6.920827
Amount Units: pg/ul



Manual Integration Results

RT: 44.39
Area: 103901
Amount: 6.561934
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:37:51 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

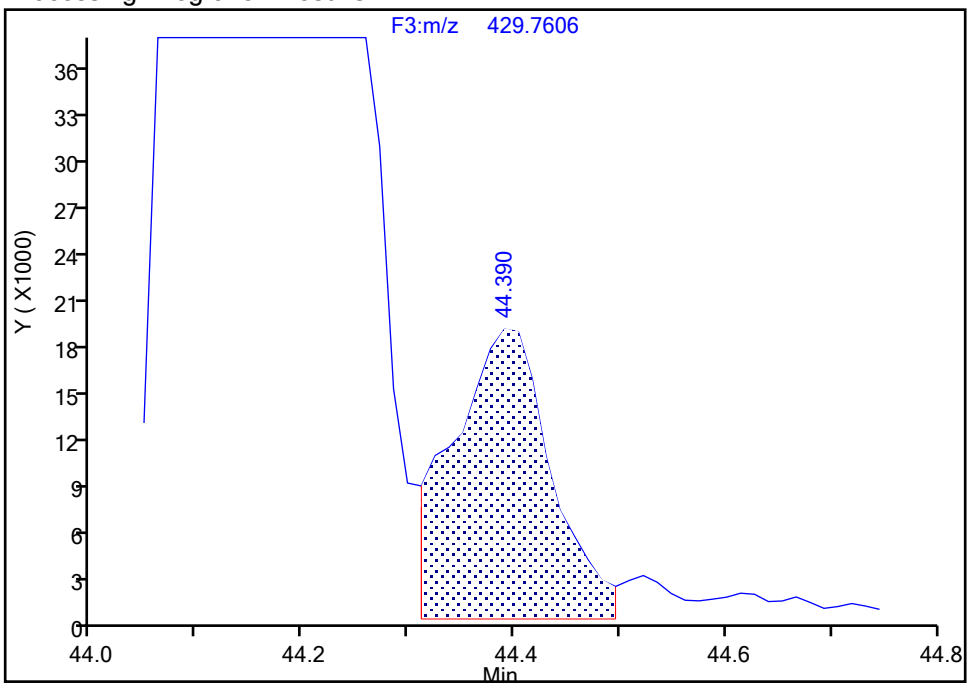
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 2

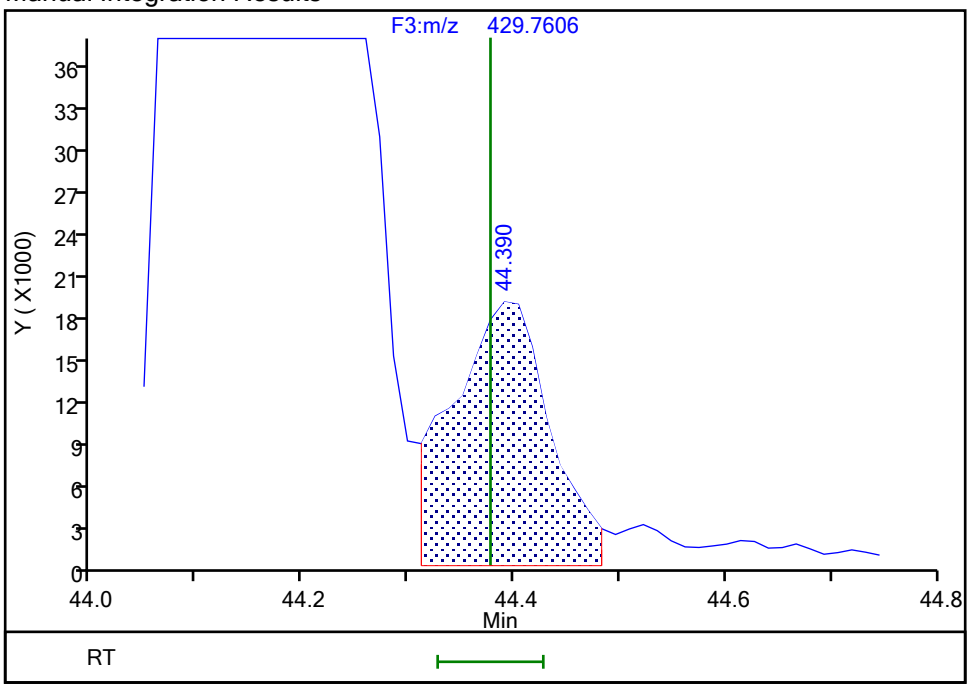
Processing Integration Results

RT: 44.39
Area: 120636
Amount: 6.920827
Amount Units: pg/ul



Manual Integration Results

RT: 44.39
Area: 118869
Amount: 6.561934
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:37:53 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

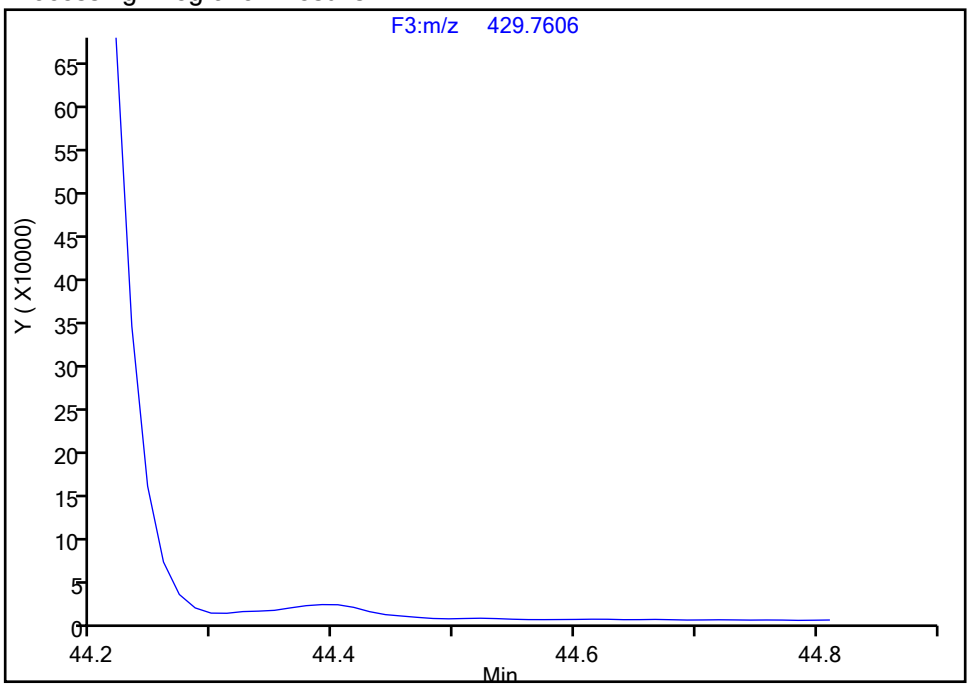
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 2

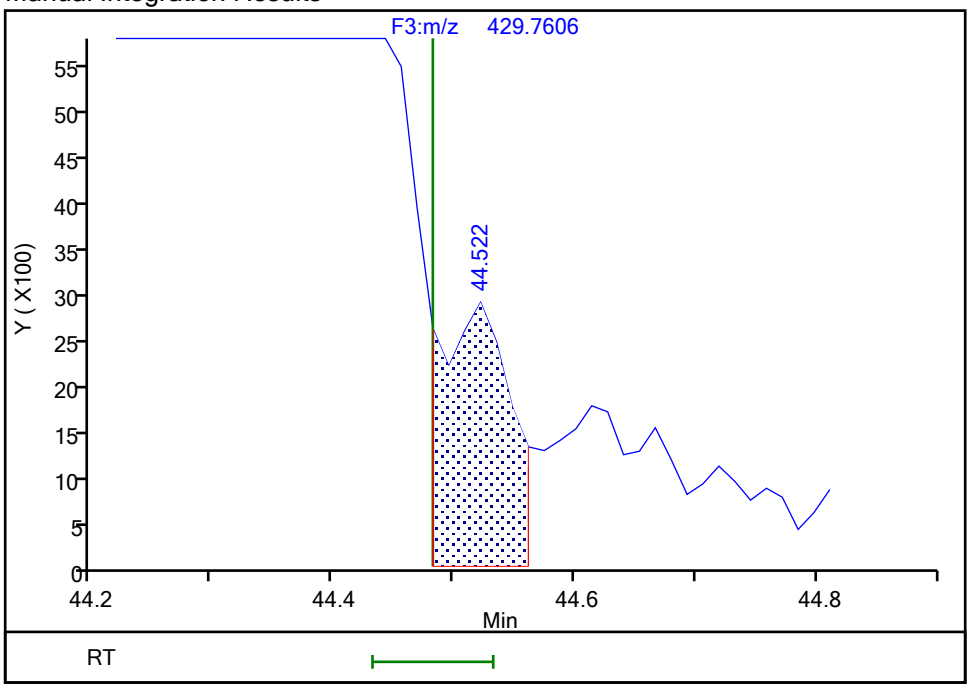
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.52
Area: 10839
Amount: 0.680288
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:37:53 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

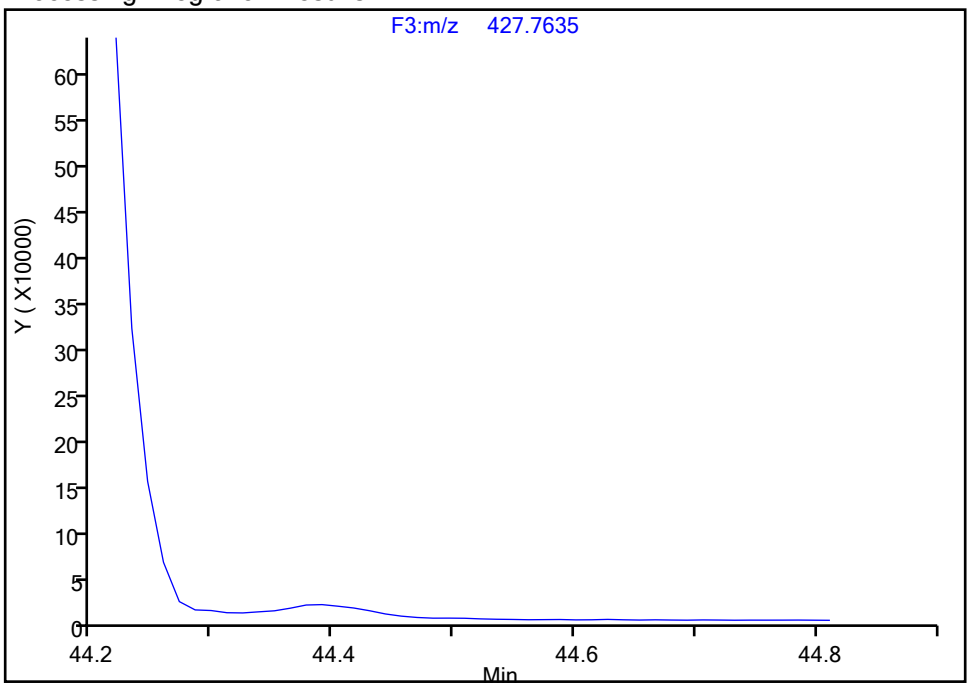
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 1

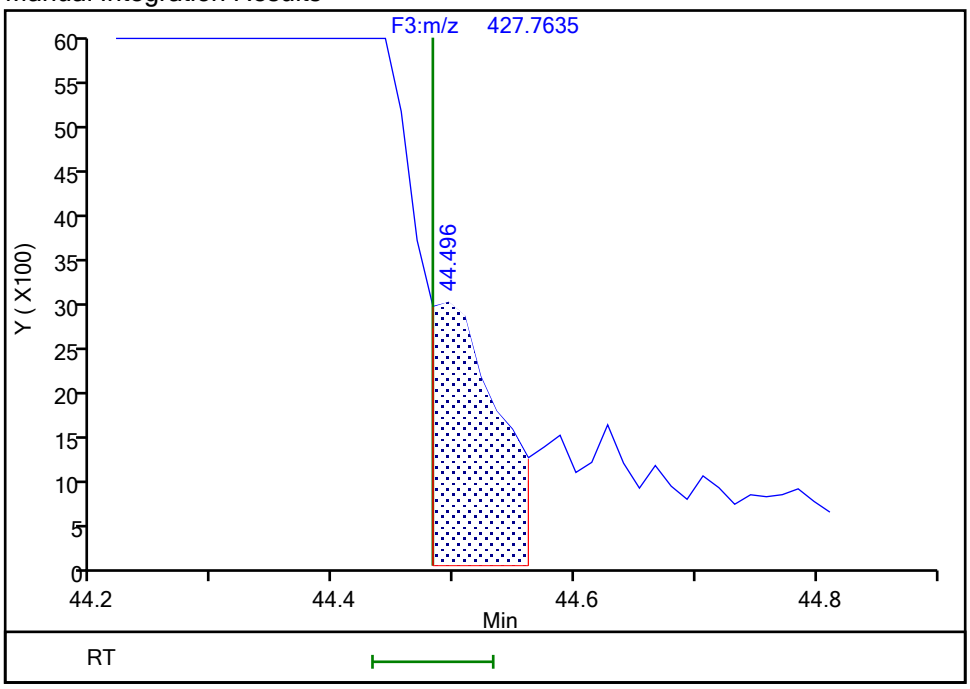
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.50
Area: 10460
Amount: 0.680288
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:37:55 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

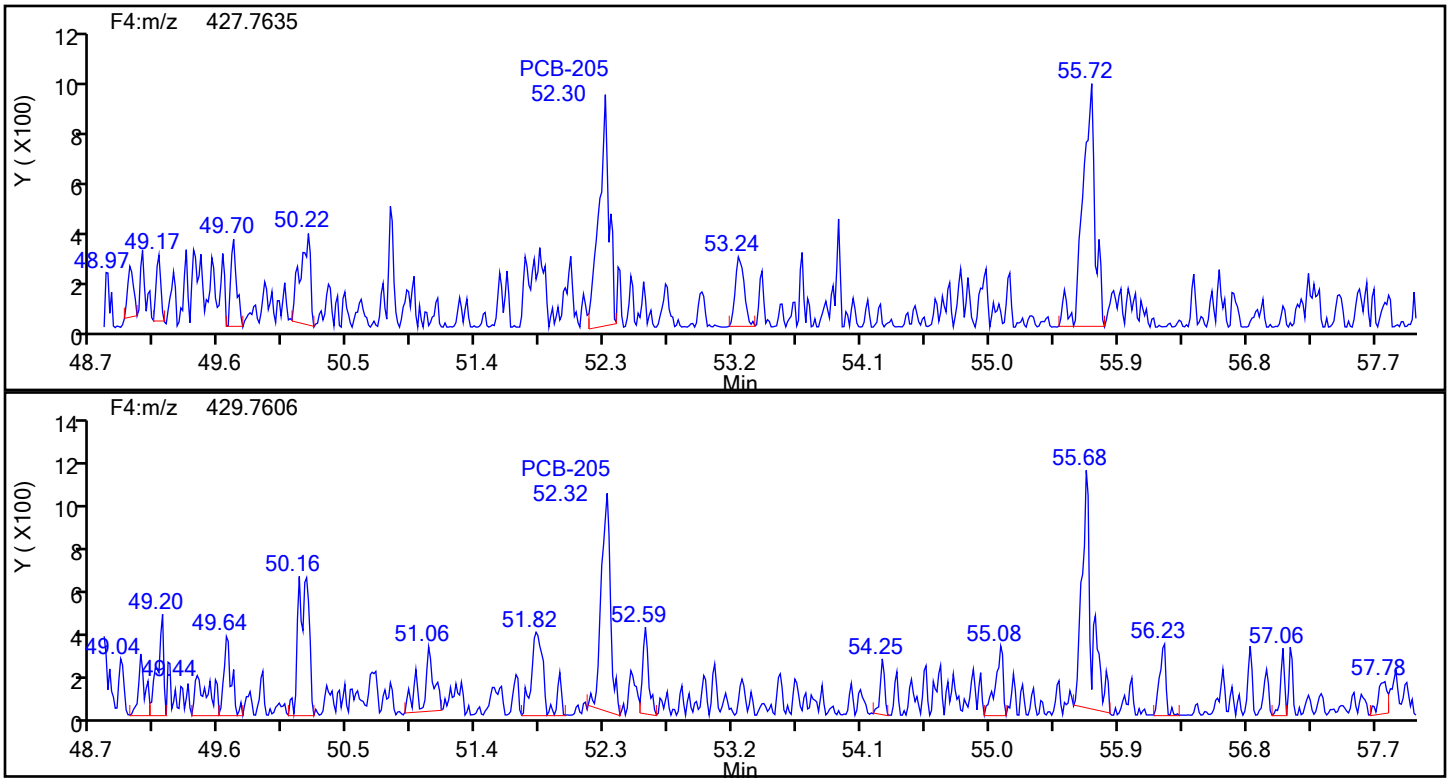
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

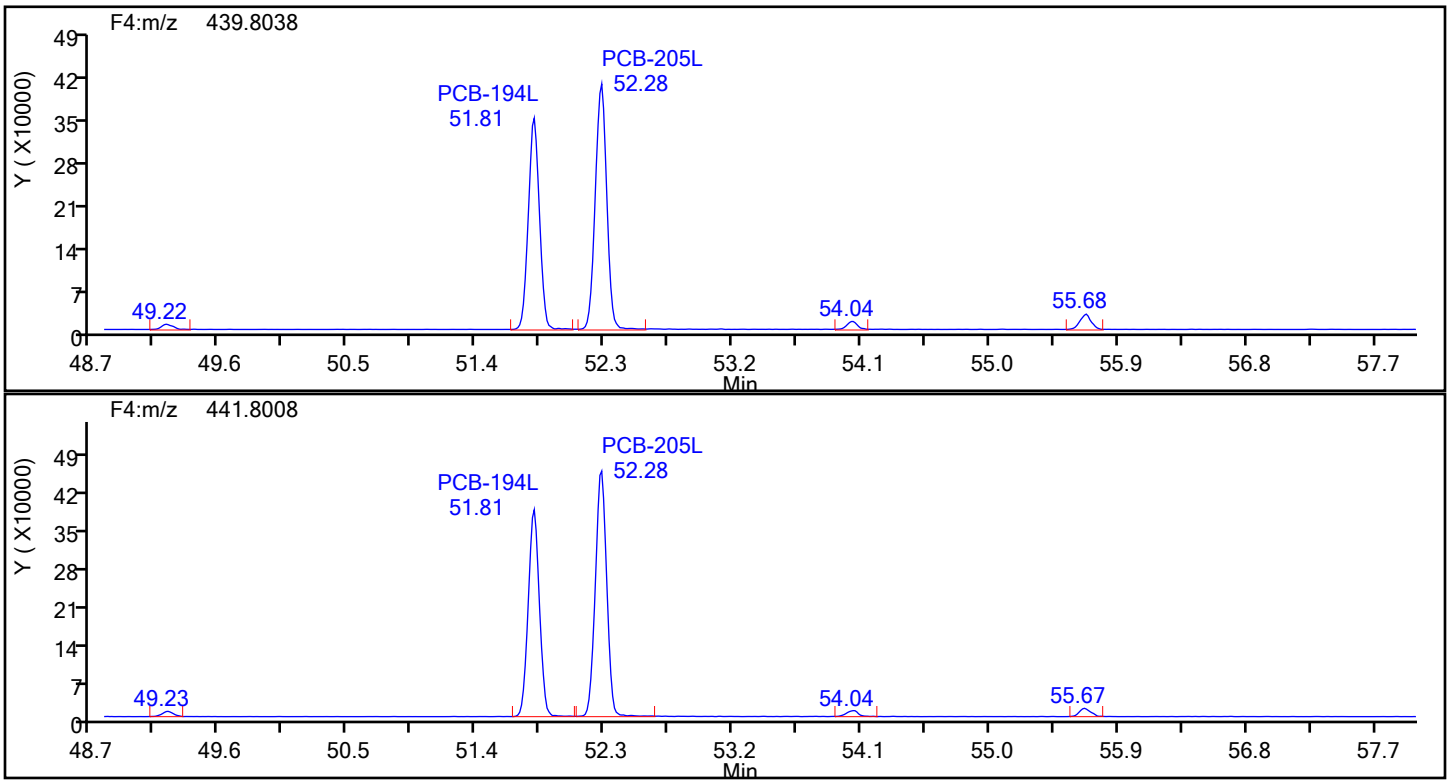
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

OcPCB F4



OcPCB F4 Standards

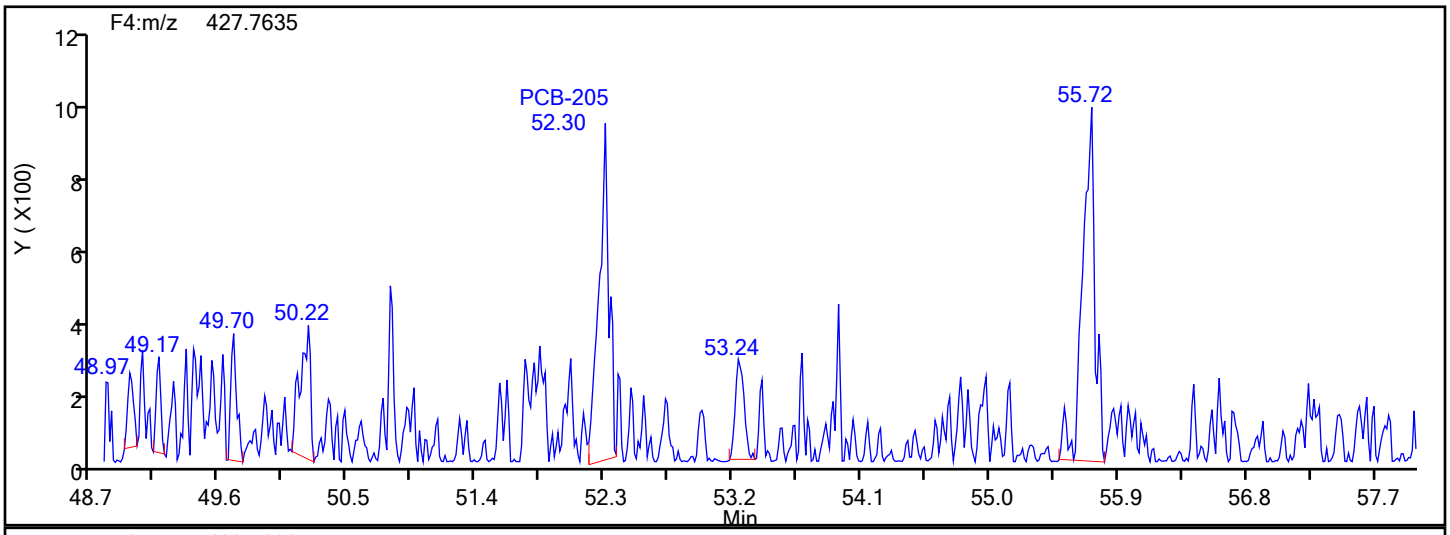


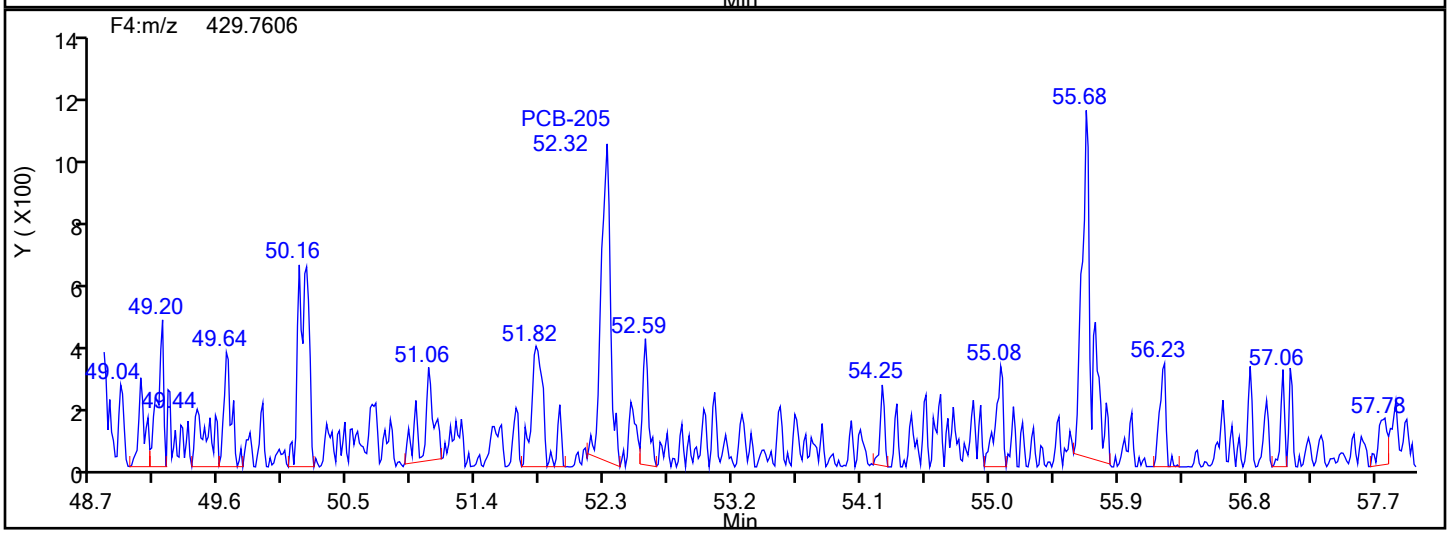
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

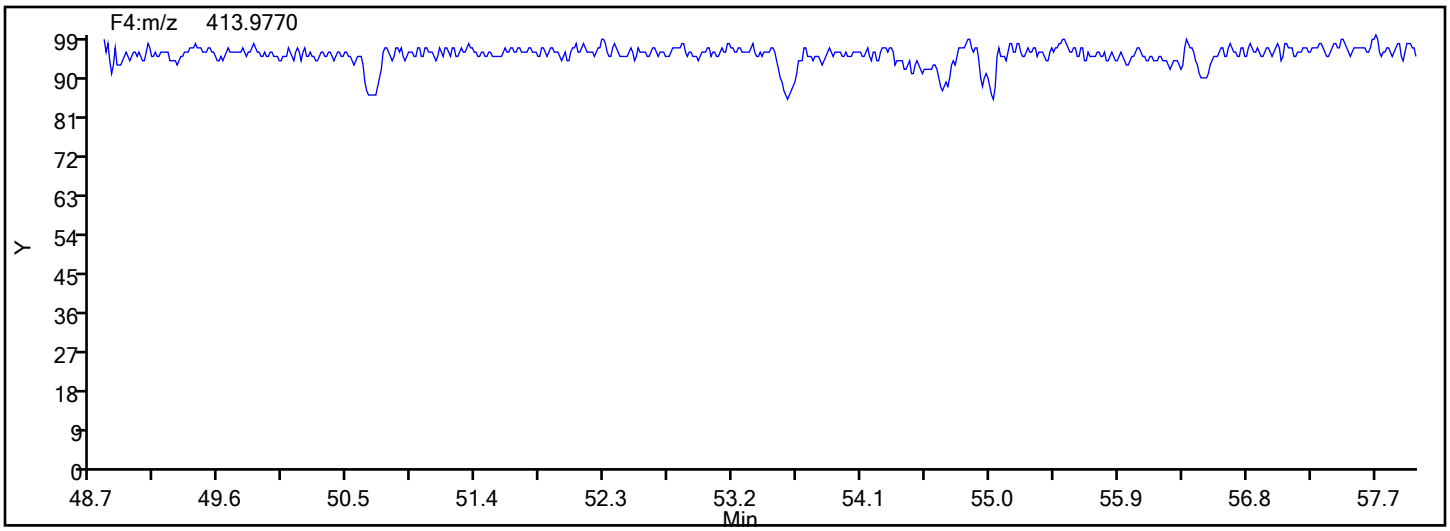
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d		
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

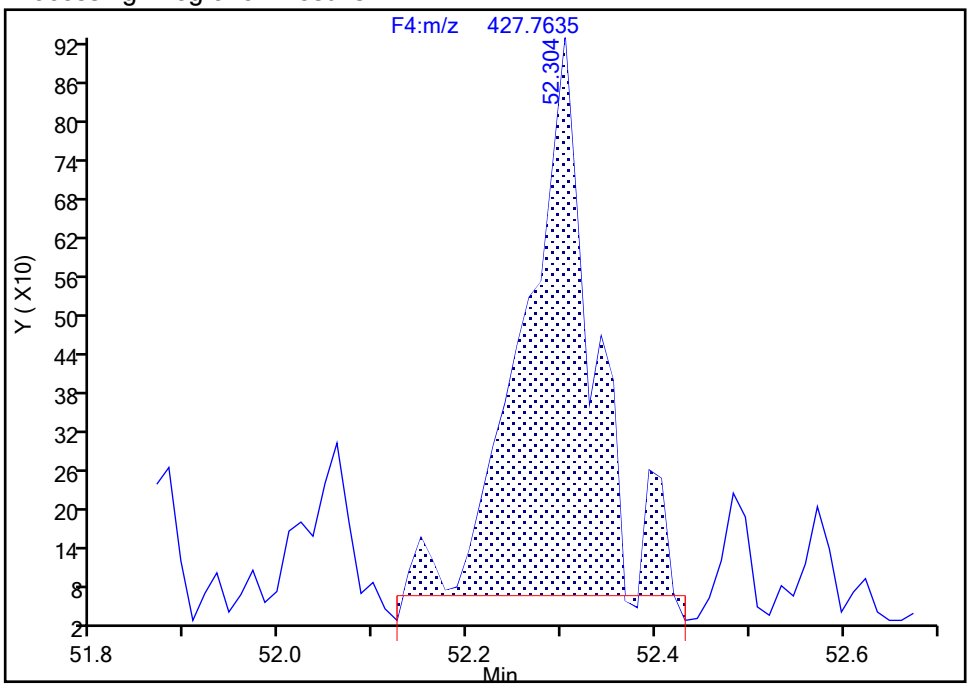
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 1

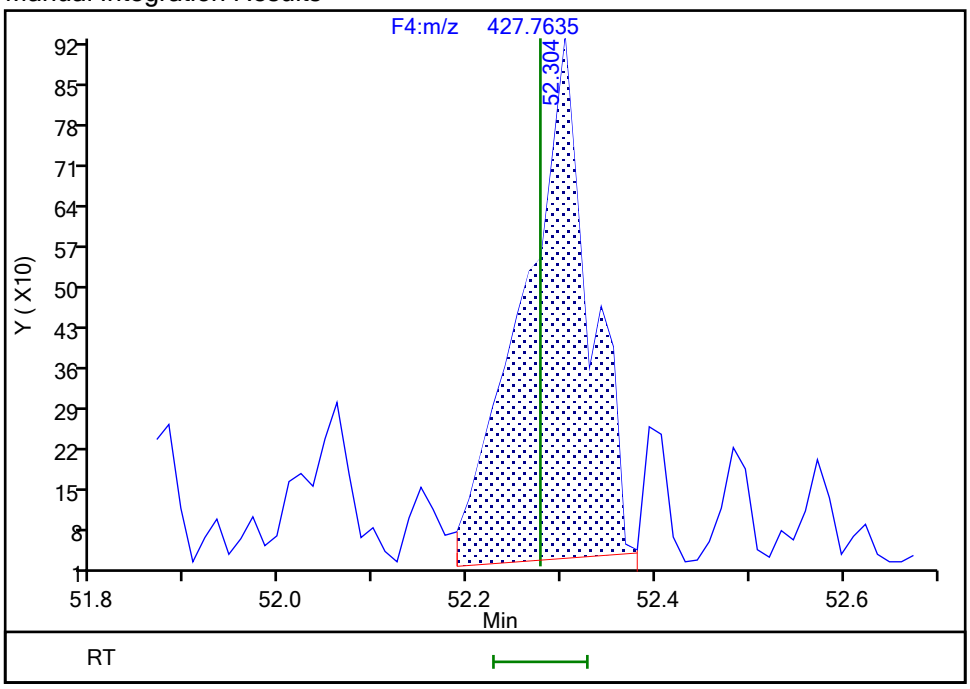
Processing Integration Results

RT: 52.30
Area: 4464
Amount: 0.164783
Amount Units: pg/ul



Manual Integration Results

RT: 52.30
Area: 4421
Amount: 0.163986
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 20:38:14 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

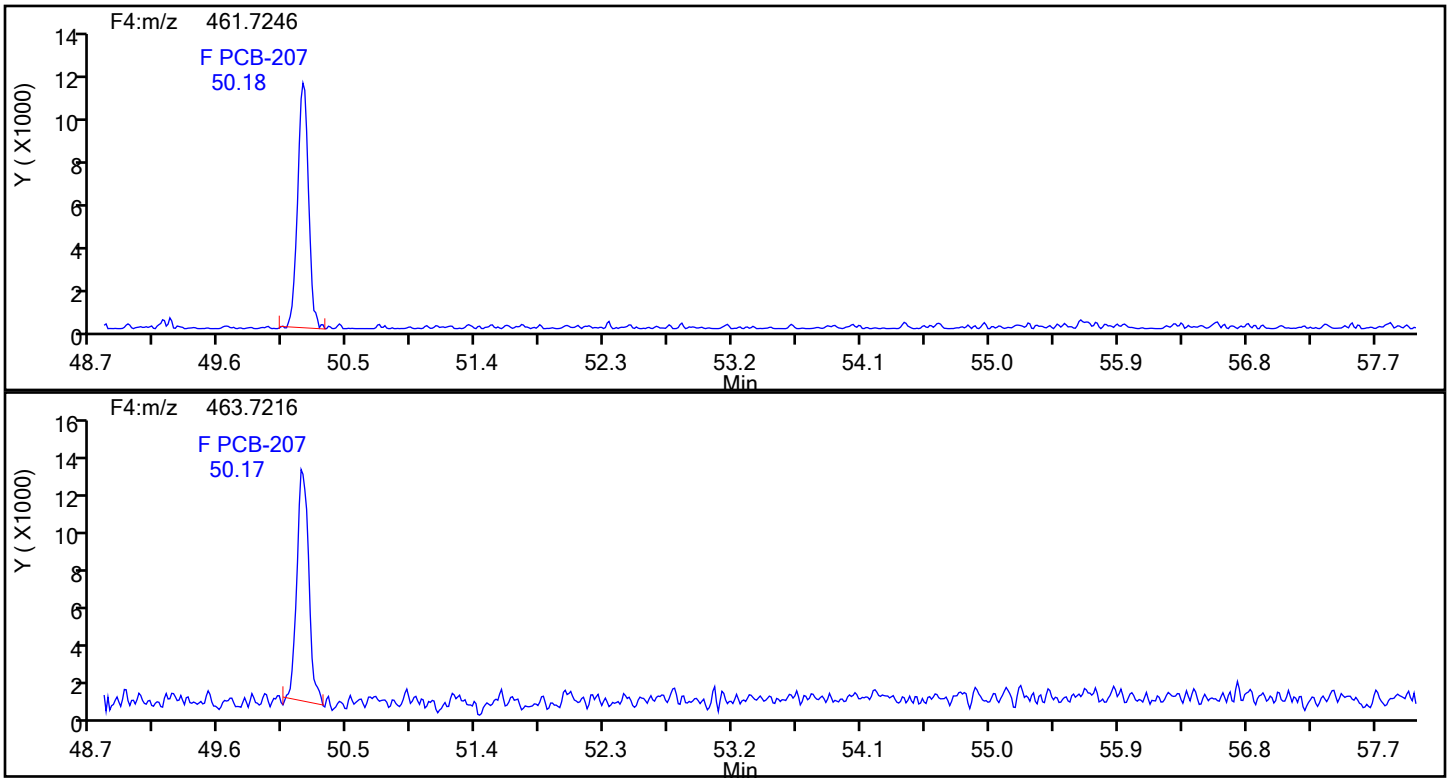
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

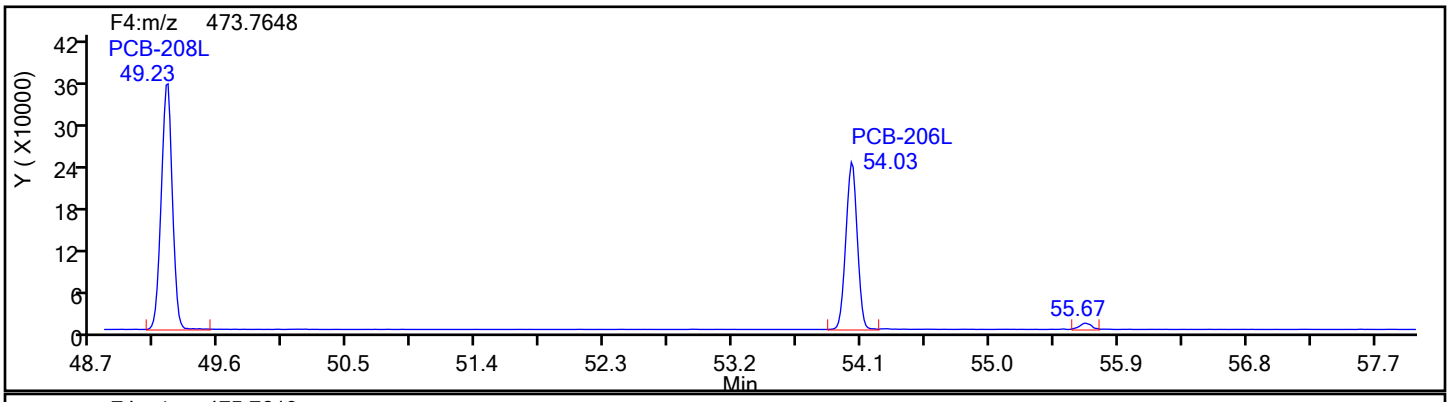
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

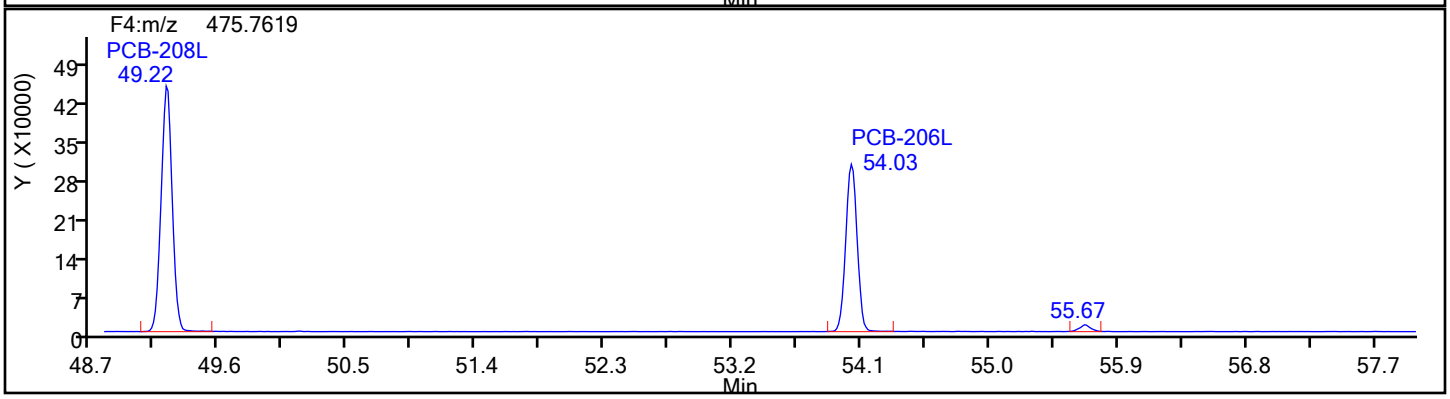
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

NoPCB F4



NoPCB F4 Standards



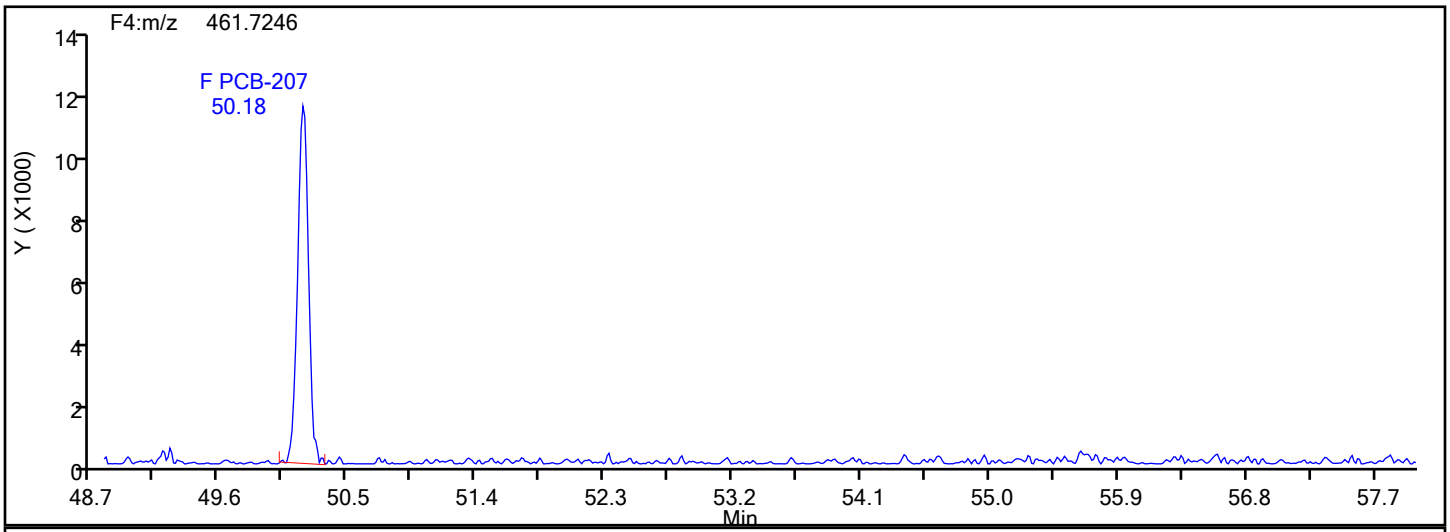


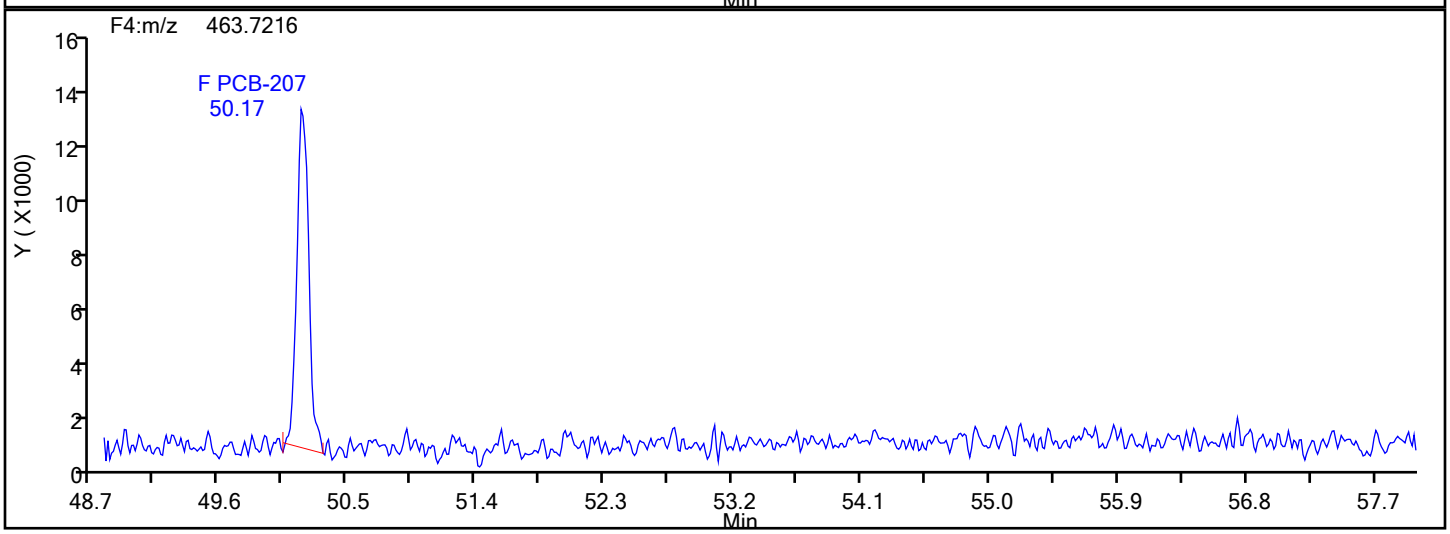
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

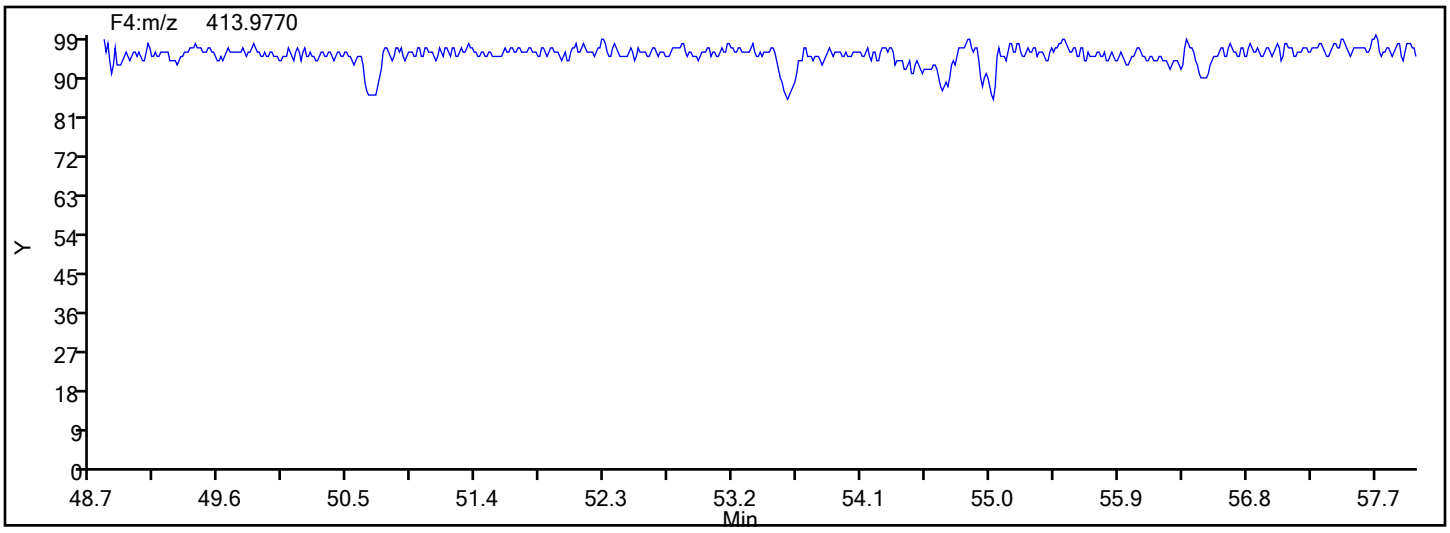
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d
Injection Date: 04-Jan-2024 15:02:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02
Worklist#: 82009 Sample Line#: 7
Column Type: Column Dia:

NoPCB F4





NoPCB F4 Lock Mass



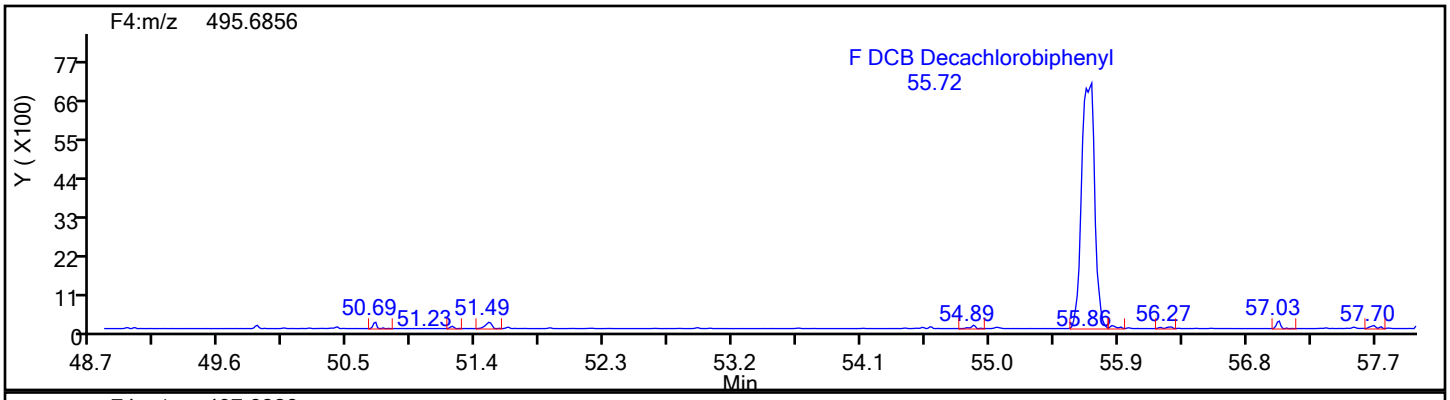
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

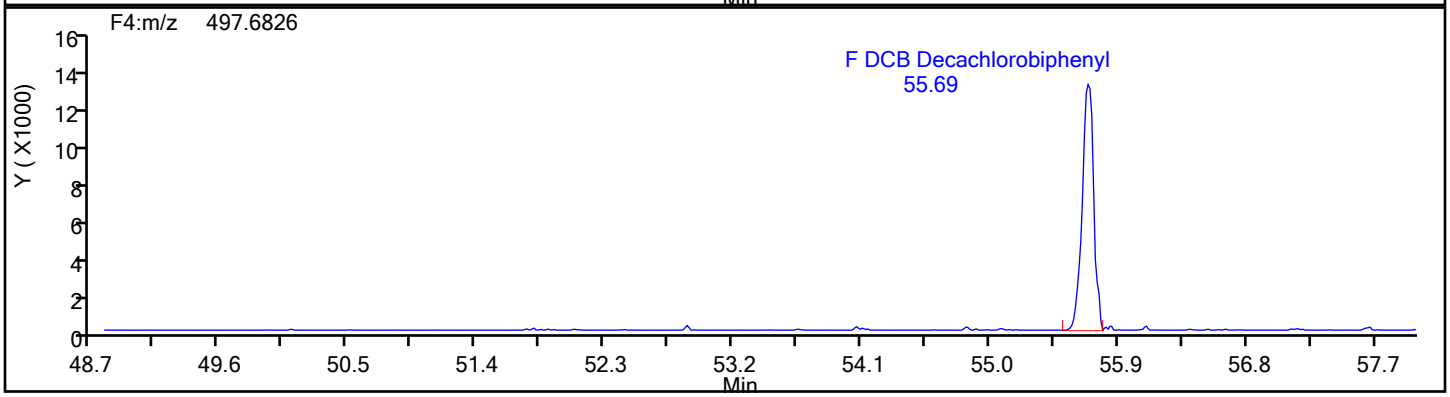
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d

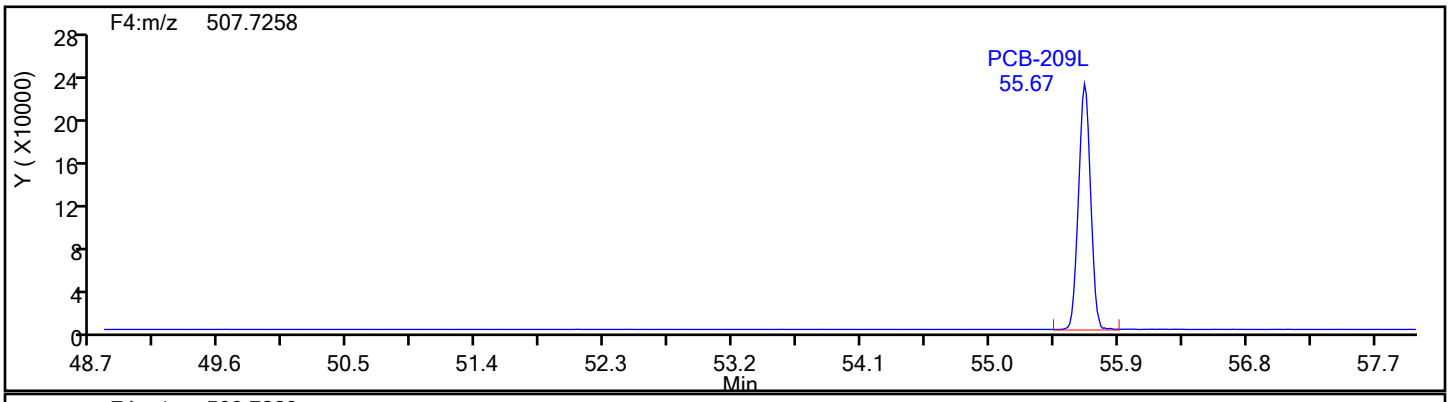
Injection Date:	04-Jan-2024 15:02:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02		
Worklist#:	82009	Sample Line#:	7
Column Type:		Column Dia:	

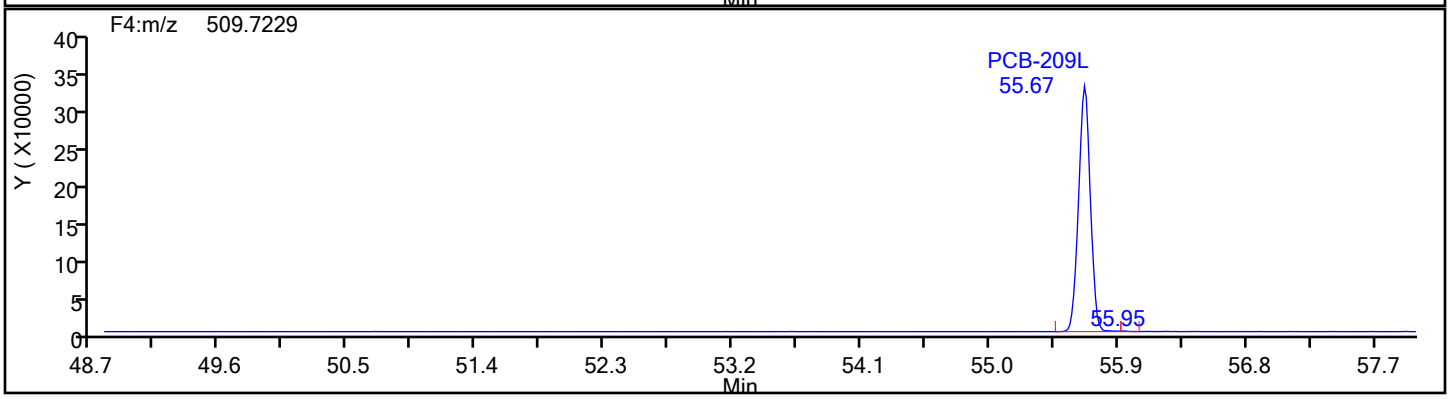
DePCB F4





DePCB F4 Standards



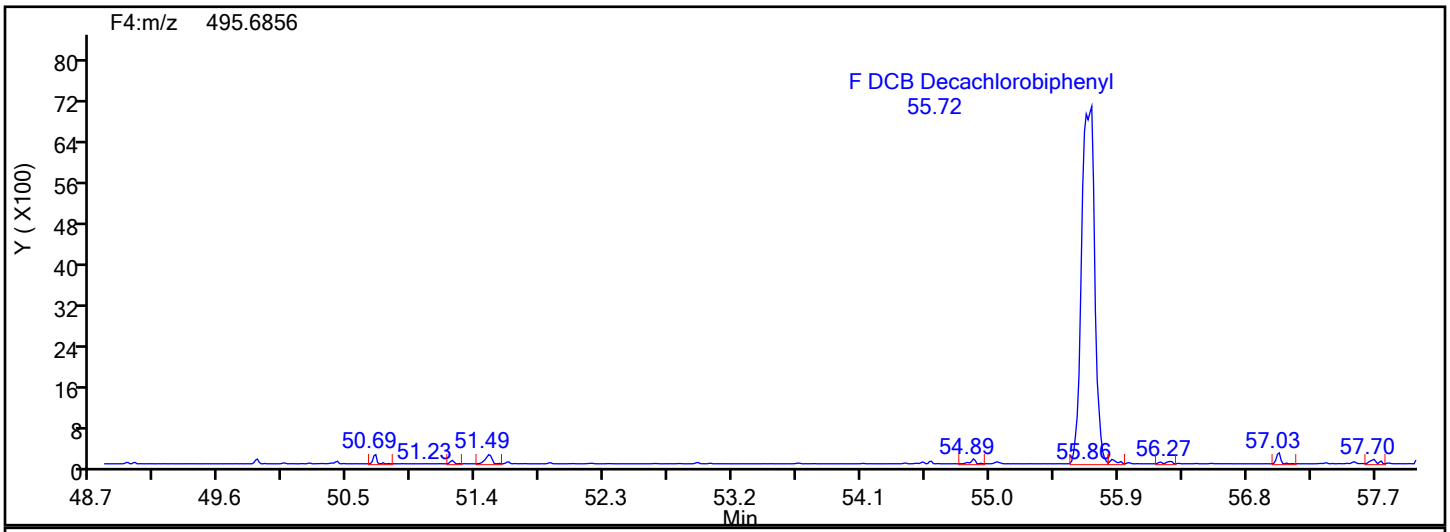


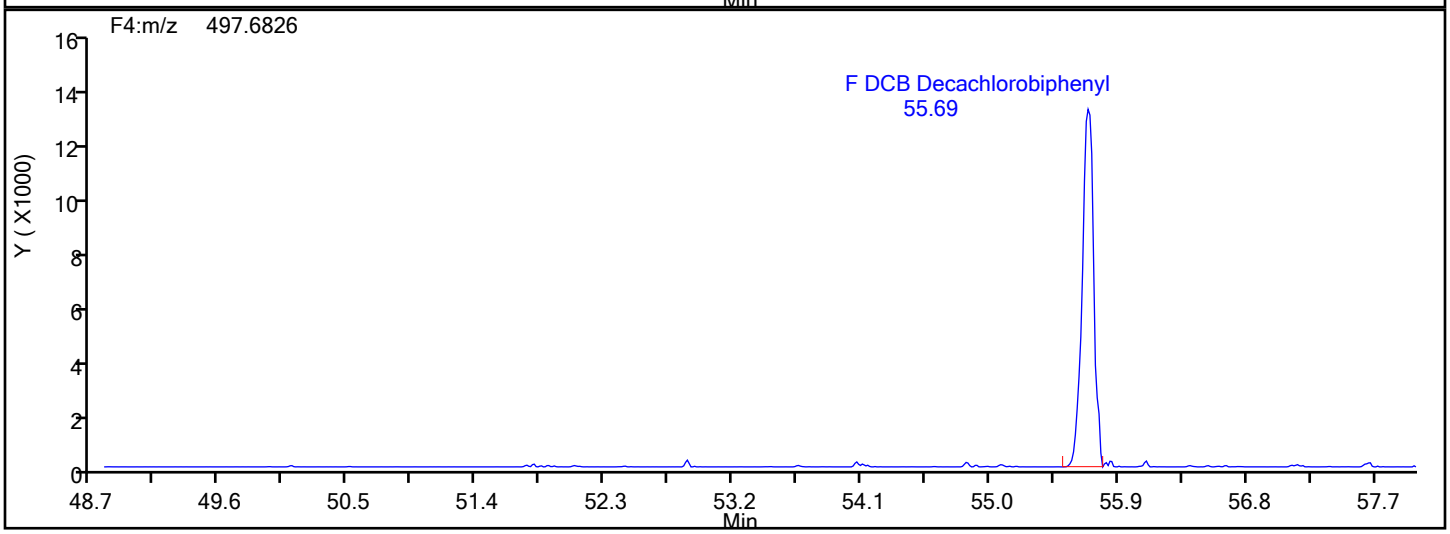
Report Date: 04-Jan-2024 22:55:31 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

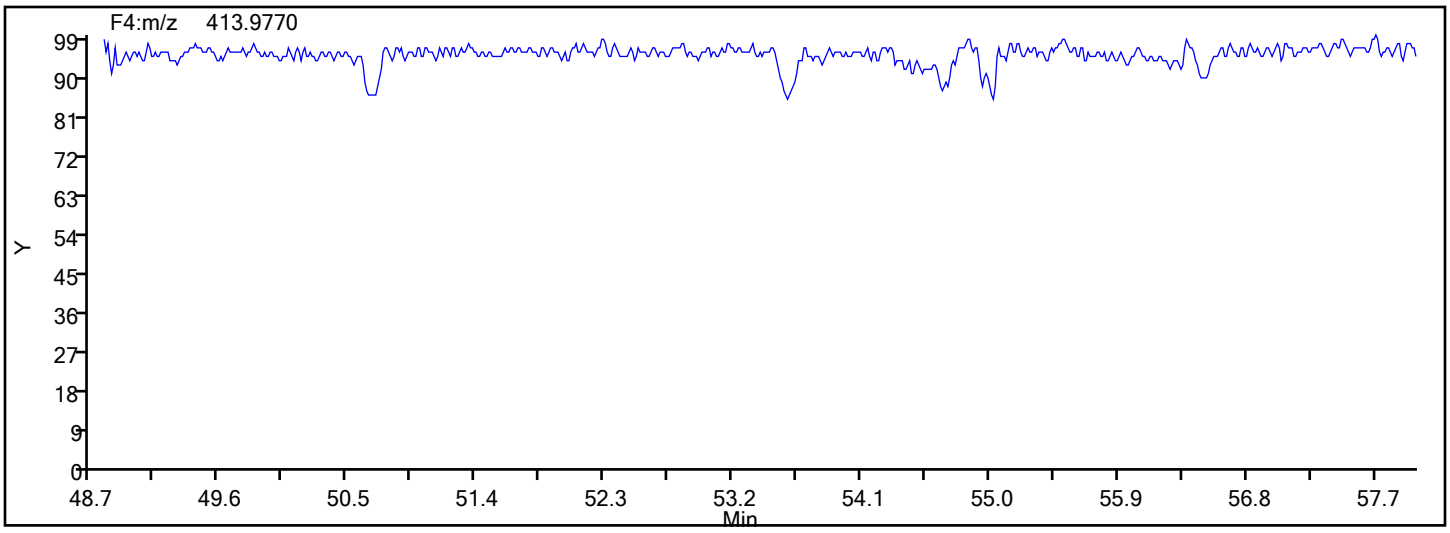
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d
Injection Date: 04-Jan-2024 15:02:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02
Worklist#: 82009 Sample Line#: 7
Column Type: Column Dia:

DePCB F4





DePCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

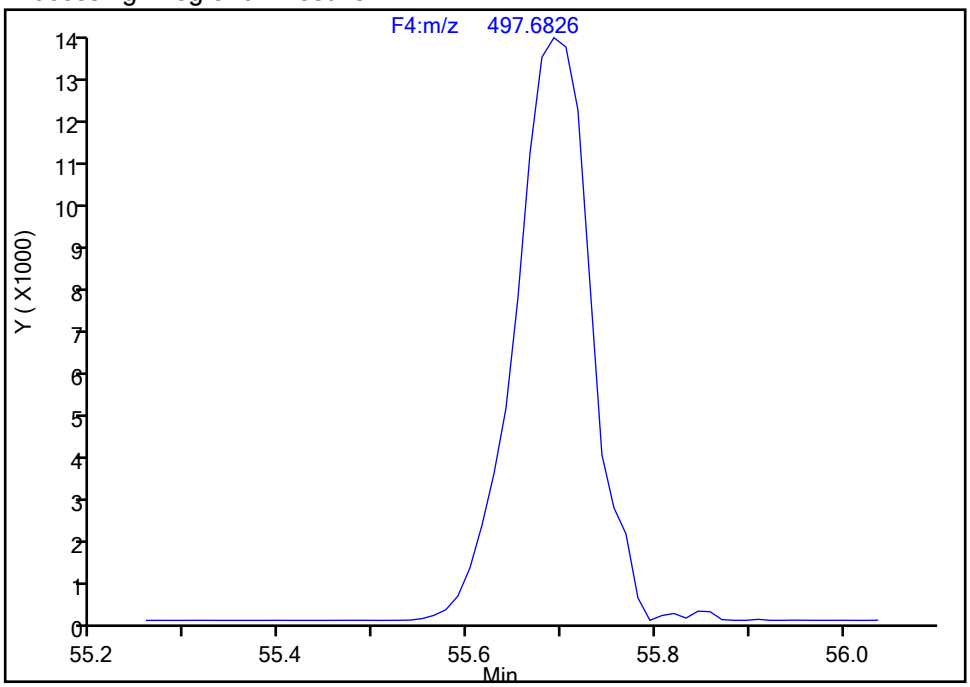
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

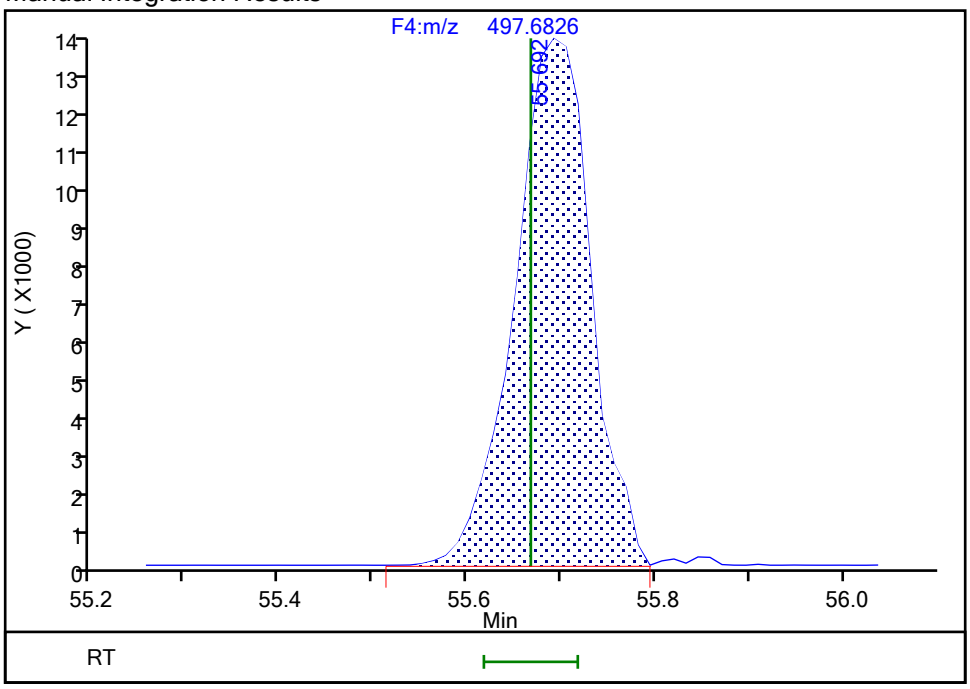
Not Detected
Expected RT: 55.67

Processing Integration Results



Manual Integration Results

RT: 55.69
Area: 74760
Amount: 3.517000
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:54:53 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

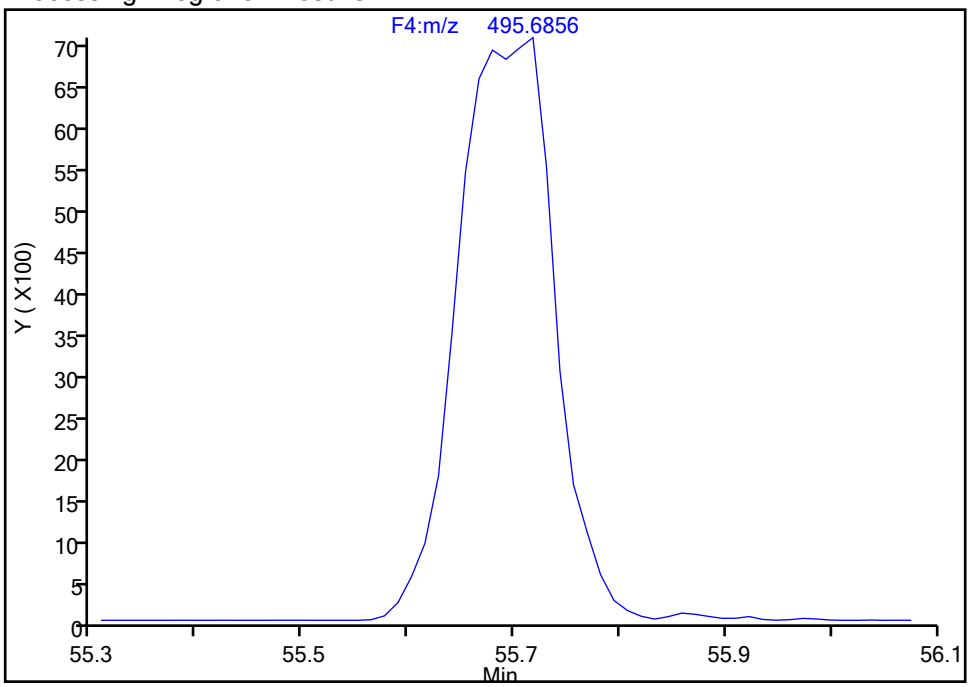
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-3-b.d				
Injection Date:	04-Jan-2024 15:02:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-3-B	Lab Sample ID:	140-34509-3		
Client ID:	PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

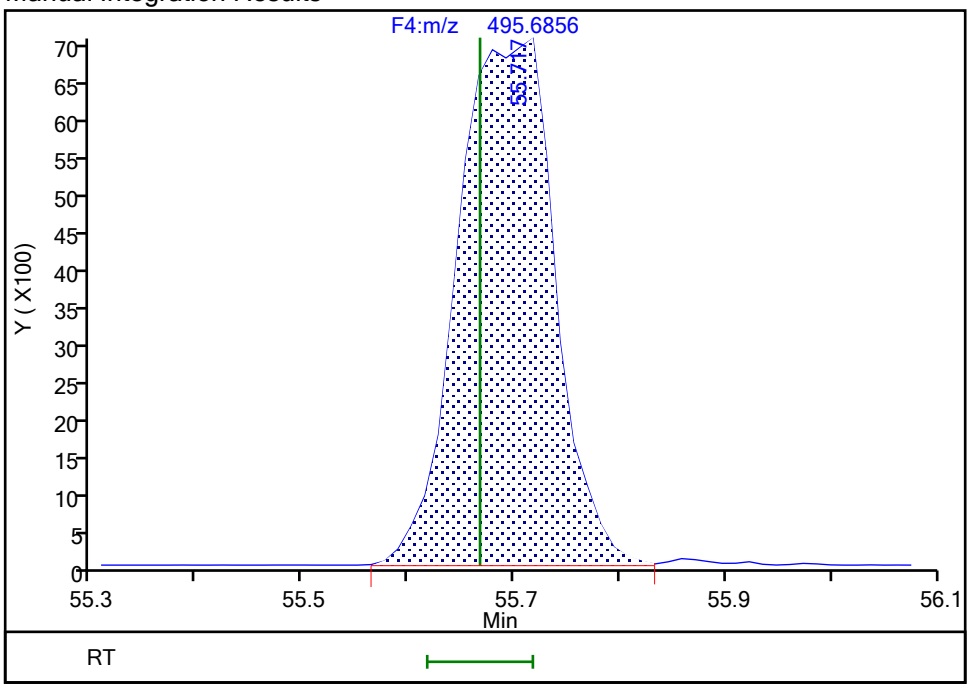
Not Detected
Expected RT: 55.67

Processing Integration Results



Manual Integration Results

RT: 55.72
Area: 45123
Amount: 3.517000
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:54:53 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02-DUP | Lab Sample ID: 140-34509-4

Matrix: PE | Lab File ID: 140-34509-a-4-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	ND		2.0	0.036
2051-61-8	PCB-2	ND		2.0	0.042
2051-62-9	PCB-3	ND		2.0	0.054
13029-08-8	PCB-4	1.8	J	4.1	0.16
16605-91-7	PCB-5	ND		2.0	0.15
25569-80-6	PCB-6	0.70	J	2.0	0.12
33284-50-3	PCB-7	ND		2.0	0.14
34883-43-7	PCB-8	1.8	J	4.1	0.12
34883-39-1	PCB-9	ND		2.0	0.13
33146-45-1	PCB-10	0.28	J q	2.0	0.15
2050-67-1	PCB-11	1.4	J B	4.1	0.12
2974-92-7	PCB-12	ND	C	4.1	0.14
2974-90-5	PCB-13	ND	C12	4.1	0.14
34883-41-5	PCB-14	780		2.0	0.14
2050-68-2	PCB-15	1.3	J	2.0	0.14
38444-78-9	PCB-16	1.6	J	2.0	0.11
37680-66-3	PCB-17	4.2		2.0	0.11
37680-65-2	PCB-18	3.8	J C	4.1	0.074
38444-73-4	PCB-19	2.1		2.0	0.10
38444-84-7	PCB-20	7.1	C	4.1	0.37
55702-46-0	PCB-21	3.1	J C B	4.1	0.37
38444-85-8	PCB-22	1.7	J	2.0	0.34
55720-44-0	PCB-23	ND		2.0	0.40
55702-45-9	PCB-24	ND		2.0	0.076
55712-37-3	PCB-25	1.8	J	2.0	0.32
38444-81-4	PCB-26	5.5	C	4.1	0.41
38444-76-7	PCB-27	1.0	J q	2.0	0.078
7012-37-5	PCB-28	7.1	C20	4.1	0.37
15862-07-4	PCB-29	5.5	C26	4.1	0.41
35693-92-6	PCB-30	3.8	J C18	4.1	0.074
16606-02-3	PCB-31	5.4	B	4.1	0.33
38444-77-8	PCB-32	2.1	B	2.0	0.068

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02-DUP | Lab Sample ID: 140-34509-4

Matrix: PE | Lab File ID: 140-34509-a-4-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	3.1	J C21 B	4.1	0.37
37680-68-5	PCB-34	ND		2.0	0.41
37680-69-6	PCB-35	ND		2.0	0.36
38444-87-0	PCB-36	310		2.0	0.32
38444-90-5	PCB-37	1.0	J	2.0	0.36
53555-66-1	PCB-38	ND		2.0	0.35
38444-88-1	PCB-39	ND		2.0	0.36
38444-93-8	PCB-40	7.2	C	6.1	0.13
52663-59-9	PCB-41	7.2	C40	6.1	0.13
36559-22-5	PCB-42	4.9		2.0	0.15
70362-46-8	PCB-43	3.2	J C	4.1	0.11
41464-39-5	PCB-44	57	C	6.1	0.12
70362-45-7	PCB-45	4.7	q C	4.1	0.14
41464-47-5	PCB-46	1.1	J q	2.0	0.17
2437-79-8	PCB-47	57	C44	6.1	0.12
70362-47-9	PCB-48	2.2	q	2.0	0.13
41464-40-8	PCB-49	20	C	4.1	0.11
62796-65-0	PCB-50	5.1	C	4.1	0.13
68194-04-7	PCB-51	4.7	q C45	4.1	0.14
35693-99-3	PCB-52	37	B	2.0	0.12
41464-41-9	PCB-53	5.1	C50	4.1	0.13
15968-05-5	PCB-54	0.46	J q	2.0	0.033
74338-24-2	PCB-55	ND		2.0	0.079
41464-43-1	PCB-56	1.3	J	2.0	0.082
70424-67-8	PCB-57	0.82	J	2.0	0.090
41464-49-7	PCB-58	ND		2.0	0.078
74472-33-6	PCB-59	1.8	J C	6.1	0.10
33025-41-1	PCB-60	0.55	J	2.0	0.095
33284-53-6	PCB-61	15	C B	8.2	0.087
54230-22-7	PCB-62	1.8	J C59	6.1	0.10
74472-34-7	PCB-63	0.59	J q	2.0	0.094
52663-58-8	PCB-64	5.5		2.0	0.097

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02-DUP | Lab Sample ID: 140-34509-4

Matrix: PE | Lab File ID: 140-34509-a-4-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	57	C44	6.1	0.12
32598-10-0	PCB-66	7.3	B	2.0	0.081
73575-53-8	PCB-67	0.43	J q	2.0	0.075
73575-52-7	PCB-68	6.1		2.0	0.089
60233-24-1	PCB-69	20	C49	4.1	0.11
32598-11-1	PCB-70	15	C61 B	8.2	0.087
41464-46-4	PCB-71	7.2	C40	6.1	0.13
41464-42-0	PCB-72	0.86	J	2.0	0.086
74338-23-1	PCB-73	3.2	J C43	4.1	0.11
32690-93-0	PCB-74	15	C61 B	8.2	0.087
32598-12-2	PCB-75	1.8	J C59	6.1	0.10
70362-48-0	PCB-76	15	C61 B	8.2	0.087
32598-13-3	PCB-77	ND		2.0	0.094
70362-49-1	PCB-78	750		2.0	0.083
41464-48-6	PCB-79	ND		2.0	0.069
33284-52-5	PCB-80	ND		2.0	0.078
70362-50-4	PCB-81	0.87	J q	2.0	0.10
52663-62-4	PCB-82	2.0		2.0	0.14
60145-20-2	PCB-83	17	C	4.1	0.14
52663-60-2	PCB-84	8.5		2.0	0.18
65510-45-4	PCB-85	4.3	J C B	6.1	0.12
55312-69-1	PCB-86	17	C	12	0.12
38380-02-8	PCB-87	17	C86	12	0.12
55215-17-3	PCB-88	5.8	C	4.1	0.15
73575-57-2	PCB-89	ND		2.0	0.14
68194-07-0	PCB-90	31	C B	6.1	0.13
68194-05-8	PCB-91	5.8	C88	4.1	0.15
52663-61-3	PCB-92	9.7		2.0	0.15
73575-56-1	PCB-93	2.8	J q C	4.1	0.15
73575-55-0	PCB-94	ND		2.0	0.17
38379-99-6	PCB-95	29		2.0	0.15
73575-54-9	PCB-96	ND		2.0	0.10

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02-DUP | Lab Sample ID: 140-34509-4

Matrix: PE | Lab File ID: 140-34509-a-4-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41464-51-1	PCB-97	17	C86	12	0.12
60233-25-2	PCB-98	1.1	J q C	4.1	0.13
38380-01-7	PCB-99	17	C83	4.1	0.14
39485-83-1	PCB-100	2.8	J q C93	4.1	0.15
37680-73-2	PCB-101	31	C90 B	6.1	0.13
68194-06-9	PCB-102	1.1	J q C98	4.1	0.13
60145-21-3	PCB-103	ND		2.0	0.14
56558-16-8	PCB-104	1600		2.0	0.12
32598-14-4	PCB-105	5.3		2.0	0.22
70424-69-0	PCB-106	15		2.0	0.20
70424-68-9	PCB-107	1.4	J	2.0	0.19
70362-41-3	PCB-108	0.75	J q C	4.1	0.21
74472-35-8	PCB-109	17	C86	12	0.12
38380-03-9	PCB-110	26	C B	4.1	0.089
39635-32-0	PCB-111	ND		2.0	0.098
74472-36-9	PCB-112	0.19	J q	2.0	0.085
68194-10-5	PCB-113	31	C90 B	6.1	0.13
74472-37-0	PCB-114	0.50	J	2.0	0.21
74472-38-1	PCB-115	26	C110 B	4.1	0.089
18259-05-7	PCB-116	4.3	J C85 B	6.1	0.12
68194-11-6	PCB-117	4.3	J C85 B	6.1	0.12
31508-00-6	PCB-118	20		2.0	0.21
56558-17-9	PCB-119	17	C86	12	0.12
68194-12-7	PCB-120	ND		2.0	0.079
56558-18-0	PCB-121	410		2.0	0.094
76842-07-4	PCB-122	ND		2.0	0.25
65510-44-3	PCB-123	0.29	J q	2.0	0.21
70424-70-3	PCB-124	0.75	J q C108	4.1	0.21
74472-39-2	PCB-125	17	C86	12	0.12

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02-DUP | Lab Sample ID: 140-34509-4

Matrix: PE | Lab File ID: 140-34509-a-4-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
57465-28-8	PCB-126	ND		2.0	0.21
39635-33-1	PCB-127	ND		2.0	0.19
38380-07-3	PCB-128	2.6	J C	4.1	0.18
55215-18-4	PCB-129	18	C	8.2	0.19
52663-66-8	PCB-130	1.3	J q	2.0	0.27
61798-70-7	PCB-131	ND		2.0	0.25
38380-05-1	PCB-132	9.4		2.0	0.24
35694-04-3	PCB-133	0.66	J	2.0	0.22
52704-70-8	PCB-134	1.7	J C	4.1	0.25
52744-13-5	PCB-135	6.1	C	4.1	0.048
38411-22-2	PCB-136	3.2		2.0	0.037
35694-06-5	PCB-137	1.5	J	2.0	0.23
35065-28-2	PCB-138	18	C129	8.2	0.19
56030-56-9	PCB-139	0.70	J C	4.1	0.20
59291-64-4	PCB-140	0.70	J C139	4.1	0.20
52712-04-6	PCB-141	2.7		2.0	0.23
41411-61-4	PCB-142	410		2.0	0.25
68194-15-0	PCB-143	1.7	J C134	4.1	0.25
68194-14-9	PCB-144	0.64	J	2.0	0.049
74472-40-5	PCB-145	ND		2.0	0.033
51908-16-8	PCB-146	2.5		2.0	0.19
68194-13-8	PCB-147	14	C	4.1	0.20
74472-41-6	PCB-148	ND		2.0	0.049
38380-04-0	PCB-149	14	C147	4.1	0.20
68194-08-1	PCB-150	0.57	J q	2.0	0.036
52663-63-5	PCB-151	6.1	C135	4.1	0.048
68194-09-2	PCB-152	2.0		2.0	0.032
35065-27-1	PCB-153	13	C	4.1	0.16
60145-22-4	PCB-154	1.1	J q	2.0	0.044
33979-03-2	PCB-155	540		2.0	0.039
38380-08-4	PCB-156	1.9	J C	4.1	0.19

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02-DUP | Lab Sample ID: 140-34509-4

Matrix: PE | Lab File ID: 140-34509-a-4-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
69782-90-7	PCB-157	1.9	J C156	4.1	0.19
74472-42-7	PCB-158	1.9	J	2.0	0.15
39635-35-3	PCB-159	1.8	J	2.0	0.13
41411-62-5	PCB-160	18	C129	8.2	0.19
74472-43-8	PCB-161	15		2.0	0.15
39635-34-2	PCB-162	ND		2.0	0.16
74472-44-9	PCB-163	18	C129	8.2	0.19
74472-45-0	PCB-164	1.1	J	2.0	0.15
74472-46-1	PCB-165	2.7		2.0	0.18
41411-63-6	PCB-166	2.6	J C128	4.1	0.18
52663-72-6	PCB-167	0.62	J	2.0	0.13
59291-65-5	PCB-168	13	C153	4.1	0.16
32774-16-6	PCB-169	ND		2.0	0.13
35065-30-6	PCB-170	ND		2.0	0.079
52663-71-5	PCB-171	ND	C	4.1	0.073
52663-74-8	PCB-172	ND		2.0	0.071
68194-16-1	PCB-173	ND	C171	4.1	0.073
38411-25-5	PCB-174	ND		2.0	0.066
40186-70-7	PCB-175	ND		2.0	0.073
52663-65-7	PCB-176	ND		2.0	0.055
52663-70-4	PCB-177	ND		2.0	0.068
52663-67-9	PCB-178	ND		2.0	0.075
52663-64-6	PCB-179	0.42	J q	2.0	0.047
35065-29-3	PCB-180	5.5	q C	4.1	0.056
74472-47-2	PCB-181	ND		2.0	0.062
60145-23-5	PCB-182	ND		2.0	0.059
52663-69-1	PCB-183	ND	C	4.1	0.068
74472-48-3	PCB-184	840		2.0	0.051
52712-05-7	PCB-185	ND	C183	4.1	0.068
74472-49-4	PCB-186	ND		2.0	0.045
52663-68-0	PCB-187	ND		2.0	0.057

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02-DUP | Lab Sample ID: 140-34509-4

Matrix: PE | Lab File ID: 140-34509-a-4-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74487-85-7	PCB-188	0.37	J q	2.0	0.051
39635-31-9	PCB-189	ND		2.0	0.11
41411-64-7	PCB-190	ND		2.0	0.051
74472-50-7	PCB-191	ND		2.0	0.052
74472-51-8	PCB-192	2300	B	2.0	0.047
69782-91-8	PCB-193	5.5	q C180	4.1	0.056
35694-08-7	PCB-194	0.14	J q	2.0	0.046
52663-78-2	PCB-195	ND		2.0	0.052
42740-50-1	PCB-196	ND		2.0	0.064
33091-17-7	PCB-197	13		2.0	0.048
68194-17-2	PCB-198	ND	C	4.1	0.057
52663-75-9	PCB-199	ND	C198	4.1	0.057
52663-73-7	PCB-200	1.5	J q	2.0	0.052
40186-71-8	PCB-201	ND		2.0	0.052
2136-99-4	PCB-202	ND		2.0	0.050
52663-76-0	PCB-203	ND		2.0	0.052
74472-52-9	PCB-204	1400		2.0	0.045
74472-53-0	PCB-205	0.31	J	2.0	0.038
40186-72-9	PCB-206	ND		2.0	0.27
52663-79-3	PCB-207	5.7		2.0	0.22
52663-77-1	PCB-208	ND		2.0	0.22
2051-24-3	PCB-209	6.5		2.0	0.032

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-02-DUP | Lab Sample ID: 140-34509-4

Matrix: PE | Lab File ID: 140-34509-a-4-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:12

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.049(g) | Date Analyzed: 01/04/2024 16:03

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	99		30-140
208263-77-8	PCB-3L	85		30-140
234432-86-1	PCB-4L	91		30-140
208263-67-6	PCB-15L	91		30-140
234432-87-2	PCB-19L	90		30-140
208263-79-0	PCB-37L	89		30-140
234432-88-3	PCB-54L	101		30-140
105600-23-5	PCB-77L	81		30-140
208461-24-9	PCB-81L	83		30-140
234432-89-4	PCB-104L	117		30-140
208263-62-1	PCB-105L	102		30-140
208263-63-2	PCB-114L	103		30-140
104130-40-7	PCB-118L	106		30-140
208263-64-3	PCB-123L	106		30-140
208263-65-4	PCB-126L	95		30-140
234432-90-7	PCB-155L	106		30-140
208263-68-7	PCB-156L	95	C	30-140
235416-30-5	PCB-157L	95	C156	30-140
208263-69-8	PCB-167L	97		30-140
208263-70-1	PCB-169L	91		30-140
160901-80-4	PCB-170L	101		30-140
234432-91-8	PCB-188L	105		30-140
208263-73-4	PCB-189L	96		30-140
105600-26-8	PCB-202L	101		30-140
234446-64-1	PCB-205L	95		30-140
208263-75-6	PCB-206L	100		30-140
234432-92-9	PCB-208L	99		30-140
105600-27-9	PCB-209L	102		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Lims ID: 140-34509-A-4-B
Client ID: PW-02-DUP
Sample Type: Client
Inject. Date: 04-Jan-2024 16:03:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-008
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 23:21:11 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 23:21:11

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls							0.0265	0.0265		
D PCB-1L	11:41	6813179	3.20	1.3572	99.1	99.1	0.2508	0.2508	99.06	
D PCB-3L	13:50	6063882	3.19	1.4136	84.6	84.6	0.2408	0.2408	84.65	
PCB-1	11:43						0.0179	0.0179		
PCB-2	13:42						0.0207	0.0207		
PCB-3	13:52						0.0265	0.0265		
S Total Dichlorobiphenyls					384.1	384.0	0.0671	0.0671		RQ
D PCB-4L	14:05	2855452	1.58	0.6168	91.4	91.4	0.1049	0.1049	91.35	
* PCB-9L	16:04	5067522	1.59	2E+05	100.0	100.0				
D PCB-15L	19:59	5146237	1.60	1.1198	90.7	90.7	0.0578	0.0578	90.69	
PCB-4	14:06	32124	1.48	1.2801	0.8789	0.8789	0.0773	0.0773		Ma
PCB-10	14:16	6302	1.56	1.1542	0.1721	0.1365	0.0755	0.0755		RQMa
PCB-9	16:05						0.0639	0.0639		
PCB-7	16:15						0.0698	0.0698		
PCB-6	16:29	20439	1.61	1.4961	0.3415	0.3415	0.0583	0.0583		M
PCB-5	16:48						0.0714	0.0714		
PCB-8	16:55	53165	1.55	1.5207	0.8738	0.8738	0.0573	0.0573		M
PCB-14	18:32	19581674	1.59	1.2864	380.5	380.5	0.0678	0.0678		
PCB-11	19:23	40981	1.55	1.4418	0.7104	0.7104	0.0605	0.0605		M
PCB-12	19:43						0.0673	0.0673		
PCB-13 (C12)	19:43						0.0673	0.0673		
PCB-15	19:59	36811	1.68	1.1378	0.6287	0.6287	0.0685	0.0685		
S Total Trichlorobiphenyls					174.0	174.0	0.1305	0.1305		RQ
D PCB-19L	17:11	1956815	1.05	0.6075	89.7	89.7	0.8587	0.8587	89.72	
* PCB-32L	20:27	3590010	1.09	1.4E+05	100.0	100.0				
* PCB-31L	22:43	8974287	1.06	3.1E+05	100.0	100.0				
$ PCB-28L	23:01						0.1461	0.1461		
D PCB-37L	27:01	7177996	1.06	0.8960	89.3	89.3	0.1612	0.1612	89.27	
PCB-19	17:12	26326	1.14	1.2904	1.043	1.043	0.0511	0.0511		
PCB-18	19:05	66184	0.91	1.8076	1.871	1.871	0.0365	0.0365		
PCB-30 (C18)	19:05	66184	0.91	1.8076	1.871	1.871	0.0365	0.0365		
PCB-17	19:28	48720	1.03	1.2151	2.049	2.049	0.0542	0.0542		
PCB-27	19:43	17050	1.04	1.7146	0.5542	0.5082	0.0384	0.0384		RQM
PCB-24	19:51	1277	1.05	1.7741	0.0368	0.0368	0.0371	0.0371		Ma

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:57	18263	1.09	1.2003	0.7776	0.7776	0.0549	0.0549		
PCB-32	20:28	40338	0.92	1.9703	1.046	1.046	0.0334	0.0334		M
PCB-34	21:44						0.2005	0.2005		
PCB-23	21:53						0.1958	0.1958		
PCB-26	22:12	195818	0.98	1.0037	2.718	2.718	0.2015	0.2015		
PCB-29 (C26)	22:12	195818	0.98	1.0037	2.718	2.718	0.2015	0.2015		
PCB-25	22:25	81330	1.02	1.2995	0.8719	0.8719	0.1556	0.1556		
PCB-31	22:45	235348	0.90	1.2369	2.651	2.651	0.1635	0.1635		
PCB-20	23:02	276834	0.95	1.1096	3.476	3.476	0.1823	0.1823		
PCB-28 (C20)	23:02	276834	0.95	1.1096	3.476	3.476	0.1823	0.1823		
PCB-21	23:17	123144	0.96	1.1245	1.526	1.526	0.1799	0.1799		
PCB-33 (C21)	23:17	123144	0.96	1.1245	1.526	1.526	0.1799	0.1799		
PCB-22	23:40	70391	0.89	1.2027	0.8154	0.8154	0.1682	0.1682		
PCB-36	25:13	14326574	1.02	1.2953	154.1	154.1	0.1561	0.1561		
PCB-39	25:36						0.1740	0.1740		U
PCB-38	26:10						0.1720	0.1720		
PCB-35	26:39						0.1788	0.1788		
PCB-37	27:03	40204	1.00	1.1448	0.4893	0.4893	0.1767	0.1767		Ma
S Total Tetrachlorobiphenyls					460.3	459.7	0.0491	0.0491		RQ
D PCB-54L	20:17	2447544	0.81	0.6773	100.7	100.7	0.0303	0.0303	101	
* PCB-52L	24:51	4738999	0.80	1.6E+05	100.0	100.0				
D PCB-81L	33:47	5283476	0.79	1.3497	82.6	82.6	0.1191	0.1191	82.60	
D PCB-77L	34:21	5448338	0.79	1.4256	80.6	80.6	0.1128	0.1128	80.65	
PCB-54	20:19	6588	0.77	1.2064	0.2527	0.2231	0.0163	0.0163		RQ
PCB-50	22:29	102927	0.73	0.7674	2.499	2.499	0.0639	0.0639		
PCB-53 (C50)	22:29	102927	0.73	0.7674	2.499	2.499	0.0639	0.0639		
PCB-45	23:12	87048	0.77	0.7052	2.478	2.300	0.0695	0.0695		RQM
PCB-51 (C45)	23:12	87048	0.77	0.7052	2.478	2.300	0.0695	0.0695		RQM
PCB-46	23:27	16705	0.77	0.5909	0.5662	0.5268	0.0830	0.0830		RQM
PCB-52	24:52	833558	0.80	0.8488	18.3	18.3	0.0578	0.0578		
PCB-43	25:01	74919	0.89	0.8936	1.563	1.563	0.0549	0.0549		
PCB-73 (C43)	25:01	74919	0.89	0.8936	1.563	1.563	0.0549	0.0549		
PCB-49	25:22	469647	0.78	0.8934	9.797	9.797	0.0549	0.0549		
PCB-69 (C49)	25:22	469647	0.78	0.8934	9.797	9.797	0.0549	0.0549		
PCB-48	25:39	43013	0.77	0.7506	1.197	1.068	0.0653	0.0653		RQ
PCB-44	25:49	1263565	0.80	0.8388	28.1	28.1	0.0585	0.0585		
PCB-47 (C44)	25:49	1263565	0.80	0.8388	28.1	28.1	0.0585	0.0585		
PCB-65 (C44)	25:49	1263565	0.80	0.8388	28.1	28.1	0.0585	0.0585		
PCB-59	26:12	46238	0.73	1.0042	0.8581	0.8581	0.0488	0.0488		
PCB-62 (C59)	26:12	46238	0.73	1.0042	0.8581	0.8581	0.0488	0.0488		
PCB-75 (C59)	26:12	46238	0.73	1.0042	0.8581	0.8581	0.0488	0.0488		
PCB-42	26:23	87901	0.77	0.6874	2.383	2.383	0.0713	0.0713		
PCB-40	26:54	145097	0.73	0.7618	3.550	3.550	0.0644	0.0644		M
PCB-41 (C40)	26:54	145097	0.73	0.7618	3.550	3.550	0.0644	0.0644		M
PCB-71 (C40)	26:54	145097	0.73	0.7618	3.550	3.550	0.0644	0.0644		M
PCB-64	27:06	147887	0.72	1.0318	2.671	2.671	0.0475	0.0475		M
PCB-72	27:57	26178	0.86	1.1621	0.4198	0.4198	0.0422	0.0422		M
PCB-68	28:14	181571	0.77	1.1249	3.008	3.008	0.0436	0.0436		
PCB-57	28:39	23802	0.76	1.1107	0.3994	0.3994	0.0441	0.0441		M
PCB-58	28:53						0.0382	0.0382		
PCB-67	29:02	15159	0.77	1.3274	0.2556	0.2128	0.0369	0.0369		RQM
PCB-63	29:18	16456	0.77	1.0648	0.3289	0.2880	0.0460	0.0460		RQM
PCB-61	29:39	458765	0.81	1.1549	7.403	7.403	0.0425	0.0425		
PCB-70 (C61)	29:39	458765	0.81	1.1549	7.403	7.403	0.0425	0.0425		
PCB-74 (C61)	29:39	458765	0.81	1.1549	7.403	7.403	0.0425	0.0425		
PCB-76 (C61)	29:39	458765	0.81	1.1549	7.403	7.403	0.0425	0.0425		
PCB-66	29:59	237655	0.77	1.2325	3.593	3.593	0.0398	0.0398		M
PCB-55	30:08						0.0387	0.0387		
PCB-56	30:39	41640	0.70	1.2161	0.6381	0.6381	0.0403	0.0403		
PCB-60	30:51	15383	0.78	1.0554	0.2716	0.2716	0.0465	0.0465		M
PCB-80	31:16						0.0384	0.0384		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:48						0.0339	0.0339		
PCB-78	33:22	24006618	0.78	1.2116	369.2	369.2	0.0405	0.0405		M
PCB-81	33:49	22772	0.77	1.0148	0.5849	0.4247	0.0488	0.0488		RQMa
PCB-77	34:21						0.0462	0.0462		U
S Total Pentachlorobiphenyls					1107.3	1107.0	0.0756	0.0756		RQ
D PCB-104L	25:47	4051255	1.61	1.1880	116.6	116.6	0.0610	0.0610	117	
* PCB-101L	31:42	2925024	1.61	1.2E+05	100.0	100.0				
$ PCB-111L	34:22						0.0614	0.0614		
D PCB-123L	36:21	5680999	1.57	0.9399	105.5	105.5	0.8358	0.8358	106	
D PCB-118L	36:40	5953300	1.58	0.9794	106.2	106.2	0.8021	0.8021	106	
D PCB-114L	37:12	5747705	1.62	0.9767	102.8	102.8	0.8043	0.8043	103	
D PCB-105L	37:51	5622616	1.55	0.9600	102.3	102.3	0.8183	0.8183	102	
* PCB-127L	39:20	5726456	1.60	2.1E+05	100.0	100.0				
D PCB-126L	40:56	5214391	1.58	0.9554	95.3	95.3	0.8222	0.8222	95.30	
PCB-104	25:49	32919423	1.58	1.0054	808.2	808.2	0.0586	0.0586		
PCB-96	26:11						0.0512	0.0512		
PCB-103	28:07						0.0708	0.0708		
PCB-94	28:20						0.0848	0.0848		
PCB-95	28:47	459262	1.62	0.7922	14.3	14.3	0.0744	0.0744		
PCB-93	29:00	43996	1.55	0.7830	1.484	1.387	0.0753	0.0753		RQM
PCB-100 (C93)	29:00	43996	1.55	0.7830	1.484	1.387	0.0753	0.0753		RQM
PCB-98	29:10	19924	1.55	0.9182	0.6005	0.5356	0.0642	0.0642		RQMa
PCB-102 (C98)	29:10	19924	1.55	0.9182	0.6005	0.5356	0.0642	0.0642		RQMa
PCB-88	29:39	92374	1.59	0.8023	2.842	2.842	0.0735	0.0735		
PCB-91 (C88)	29:39	92374	1.59	0.8023	2.842	2.842	0.0735	0.0735		
PCB-84	29:52	115809	1.63	0.6855	4.170	4.170	0.0860	0.0860		
PCB-89	30:20						0.0695	0.0695		
PCB-121	30:46	10511049	1.55	1.2839	202.1	202.1	0.0459	0.0459		
PCB-92	31:09	150223	1.66	0.7805	4.751	4.751	0.0755	0.0755		M
PCB-90	31:44	578245	1.72	0.9542	15.0	15.0	0.0618	0.0618		
PCB-101 (C90)	31:44	578245	1.72	0.9542	15.0	15.0	0.0618	0.0618		
PCB-113 (C90)	31:44	578245	1.72	0.9542	15.0	15.0	0.0618	0.0618		
PCB-83	32:18	301552	1.59	0.8851	8.410	8.410	0.0666	0.0666		M
PCB-99 (C83)	32:18	301552	1.59	0.8851	8.410	8.410	0.0666	0.0666		M
PCB-112	32:24	5402	1.55	1.4150	0.1191	0.0942	0.0417	0.0417		RQMa
PCB-86	32:54	337195	1.57	1.0283	8.094	8.094	0.0573	0.0573		M
PCB-87 (C86)	32:54	337195	1.57	1.0283	8.094	8.094	0.0573	0.0573		M
PCB-97 (C86)	32:54	337195	1.57	1.0283	8.094	8.094	0.0573	0.0573		M
PCB-109 (C86)	32:54	337195	1.57	1.0283	8.094	8.094	0.0573	0.0573		M
PCB-119 (C86)	32:54	337195	1.57	1.0283	8.094	8.094	0.0573	0.0573		M
PCB-125 (C86)	32:54	337195	1.57	1.0283	8.094	8.094	0.0573	0.0573		M
PCB-85	33:32	87677	1.53	1.0238	2.114	2.114	0.0576	0.0576		M
PCB-116 (C85)	33:32	87677	1.53	1.0238	2.114	2.114	0.0576	0.0576		M
PCB-117 (C85)	33:32	87677	1.53	1.0238	2.114	2.114	0.0576	0.0576		M
PCB-110	33:42	689556	1.54	1.3556	12.6	12.6	0.0435	0.0435		
PCB-115 (C110)	33:42	689556	1.54	1.3556	12.6	12.6	0.0435	0.0435		
PCB-82	34:02	33985	1.63	0.8520	0.9846	0.9846	0.0692	0.0692		M
PCB-111	34:23						0.0482	0.0482		
PCB-120	34:51						0.0389	0.0389		
PCB-108	36:01	22549	1.55	1.0910	0.4177	0.3662	0.1036	0.1036		RQ
PCB-124 (C108)	36:01	22549	1.55	1.0910	0.4177	0.3662	0.1036	0.1036		RQ
PCB-107	36:15	47556	1.74	1.2004	0.7019	0.7019	0.0941	0.0941		Ma
PCB-123	36:24	8377	1.55	1.0447	0.1587	0.1412	0.1042	0.1042		RQMa
PCB-106	36:30	491492	1.65	1.1708	7.438	7.438	0.0965	0.0965		Ma
PCB-118	36:42	606550	1.58	1.0261	9.930	9.930	0.1043	0.1043		
PCB-122	37:02	6002	1.55	0.9264	0.1333	0.1148	0.1220	0.1220		RQM
PCB-114	37:13	15382	1.40	1.0927	0.2449	0.2449	0.1011	0.1011		
PCB-105	37:52	157123	1.64	1.0755	2.598	2.598	0.1067	0.1067		M
PCB-127	39:20						0.0955	0.0955		
PCB-126	40:56						0.1025	0.1025		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					517.9	517.7	0.0735	0.0735		RQ
D PCB-155L	31:28	3537046	1.27	1.1357	106.5	106.5	0.0446	0.0446	106	
* PCB-138L	39:48	4215054	1.28	1.5E+05	100.0	100.0				
D PCB-167L	42:48	5164072	1.28	1.2662	96.8	96.8	0.3646	0.3646	96.76	
D PCB-156L	43:57	10056286	1.28	1.2515	190.6	190.6	0.3689	0.3689	95.31	
D PCB-157L (C156L)	43:57	10056286	1.28	1.2515	190.6	190.6	0.3689	0.3689	95.31	
D PCB-169L	47:11	5035774	1.29	1.3070	91.4	91.4	0.3532	0.3532	91.41	
PCB-155	31:30	8667203	1.26	0.9289	263.8	263.8	0.0189	0.0189		M
PCB-152	31:38	38441	1.09	1.1242	0.9668	0.9668	0.0156	0.0156		Ma
PCB-150	31:53	9835	1.24	0.9966	0.3740	0.2790	0.0176	0.0176		RQM
PCB-136	32:14	52669	1.15	0.9632	1.546	1.546	0.0182	0.0182		
PCB-145	32:30						0.0163	0.0163		
PCB-148	34:00						0.0238	0.0238		
PCB-135	34:38	78335	1.14	0.7414	2.987	2.987	0.0237	0.0237		
PCB-151 (C135)	34:38	78335	1.14	0.7414	2.987	2.987	0.0237	0.0237		
PCB-154	34:52	15014	1.24	0.8223	0.5844	0.5162	0.0214	0.0214		RQ
PCB-144	35:12	8221	1.23	0.7371	0.3153	0.3153	0.0238	0.0238		
PCB-147	35:33	298633	1.33	0.8634	6.830	6.830	0.0973	0.0973		
PCB-149 (C147)	35:33	298633	1.33	0.8634	6.830	6.830	0.0973	0.0973		
PCB-134	35:45	29283	1.09	0.6812	0.8489	0.8489	0.1233	0.1233		a
PCB-143 (C134)	35:45	29283	1.09	0.6812	0.8489	0.8489	0.1233	0.1233		a
PCB-139	36:08	14631	1.27	0.8381	0.3447	0.3447	0.1002	0.1002		
PCB-140 (C139)	36:08	14631	1.27	0.8381	0.3447	0.3447	0.1002	0.1002		
PCB-131	36:19						0.1225	0.1225		
PCB-142	36:30	6906695	1.26	0.6760	201.7	201.7	0.1242	0.1242		
PCB-132	36:49	165055	1.34	0.7063	4.615	4.615	0.1189	0.1189		M
PCB-133	37:21	12796	1.10	0.7770	0.3252	0.3252	0.1081	0.1081		M
PCB-165	37:43	64473	1.19	0.9584	1.328	1.328	0.0876	0.0876		
PCB-146	37:58	56239	1.36	0.9163	1.212	1.212	0.0916	0.0916		
PCB-161	38:06	418013	1.26	1.1406	7.237	7.237	0.0736	0.0736		
PCB-153	38:34	333363	1.26	1.0468	6.289	6.289	0.0802	0.0802		
PCB-168 (C153)	38:34	333363	1.26	1.0468	6.289	6.289	0.0802	0.0802		
PCB-141	38:47	50056	1.38	0.7580	1.304	1.304	0.1108	0.1108		
PCB-130	39:11	21019	1.24	0.6356	0.7408	0.6530	0.1321	0.1321		RQ
PCB-137	39:24	27190	1.39	0.7533	0.7127	0.7127	0.1115	0.1115		
PCB-164	39:29	31268	1.38	1.1173	0.5526	0.5526	0.0752	0.0752		
PCB-129	39:49	397768	1.24	0.8826	8.900	8.900	0.0952	0.0952		
PCB-138 (C129)	39:49	397768	1.24	0.8826	8.900	8.900	0.0952	0.0952		
PCB-160 (C129)	39:49	397768	1.24	0.8826	8.900	8.900	0.0952	0.0952		
PCB-163 (C129)	39:49	397768	1.24	0.8826	8.900	8.900	0.0952	0.0952		
PCB-158	40:12	53799	1.26	1.1331	0.9375	0.9375	0.0741	0.0741		
PCB-128	41:05	61588	1.42	0.9522	1.277	1.277	0.0882	0.0882		
PCB-166 (C128)	41:05	61588	1.42	0.9522	1.277	1.277	0.0882	0.0882		
PCB-159	42:04	58418	1.43	1.3072	0.8825	0.8825	0.0642	0.0642		
PCB-162	42:19						0.0768	0.0768		
PCB-167	42:50	17496	1.24	1.1098	0.3053	0.3053	0.0633	0.0633		M
PCB-156	43:57	51399	1.40	1.0713	0.9542	0.9542	0.0928	0.0928		
PCB-157 (C156)	43:57	51399	1.40	1.0713	0.9542	0.9542	0.0928	0.0928		
PCB-169	47:11						0.0615	0.0615		
S Total Heptachlorobiphenyls					1524.3	1523.8	0.0306	0.0306		RQ
D PCB-188L	37:12	4221128	1.05	1.2605	105.1	105.1	0.0161	0.0161	105	
$ PCB-178L	40:14						0.0243	0.0243		
* PCB-180L	45:21	3187104	1.05	1.2E+05	100.0	100.0				
D PCB-170L	46:36	2746295	1.07	0.8524	101.1	101.1	0.0238	0.0238	101	
D PCB-189L	49:43	6175299	1.06	1.4740	95.7	95.7	0.6861	0.6861	95.72	
PCB-188	37:12	7979	1.05	1.0534	0.2029	0.1794	0.0248	0.0248		RQM
PCB-179	37:35	10146	1.05	1.4009	0.2477	0.2079	0.0230	0.0230		RQM
PCB-184	38:05	18624942	1.05	1.2996	411.4	411.4	0.0248	0.0248		
PCB-176	38:25						0.0269	0.0269		
PCB-186	38:52						0.0219	0.0219		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:16						0.0365	0.0365		
PCB-175	40:53						0.0356	0.0356		
PCB-187	41:09						0.0279	0.0279		
PCB-182	41:21						0.0291	0.0291		
PCB-183	41:45						0.0331	0.0331		
PCB-185 (C183)	41:45						0.0331	0.0331		
PCB-174	42:00						0.0323	0.0323		
PCB-177	42:26						0.0335	0.0335		
PCB-181	42:49						0.0304	0.0304		
PCB-171	43:03						0.0359	0.0359		
PCB-173 (C171)	43:03						0.0359	0.0359		
PCB-172	44:41						0.0347	0.0347		
PCB-192	45:00	54608159	1.05	1.4131	1109.3	1109.3	0.0228	0.0228		
PCB-180	45:22	110089	1.05	1.1677	3.125	2.706	0.0276	0.0276		RQ
PCB-193 (C180)	45:22	110089	1.05	1.1677	3.125	2.706	0.0276	0.0276		RQ
PCB-191	45:41						0.0254	0.0254		
PCB-170	46:36						0.0385	0.0385		
PCB-190	47:06						0.0248	0.0248		
PCB-189	49:42						0.0531	0.0531		
S Total Octachlorobiphenyls					695.4	695.3	0.0247	0.0247		RQ
D PCB-202L	42:35	3346727	0.91	1.0390	101.1	101.1	0.0264	0.0264	101	
* PCB-194L	51:50	4376716	0.91	1.5E+05	100.0	100.0				
D PCB-205L	52:18	5059987	0.92	1.2166	95.0	95.0	0.6154	0.6154	95.03	
PCB-202	42:34						0.0244	0.0244		
PCB-201	43:29						0.0256	0.0256		
PCB-204	44:12	25604615	0.91	1.1119	688.1	688.1	0.0221	0.0221		
PCB-197	44:24	219881	0.88	1.0487	6.265	6.265	0.0234	0.0234		M
PCB-200	44:29	23798	0.89	0.9671	0.8196	0.7353	0.0254	0.0254		RQM
PCB-198	47:17						0.0278	0.0278		
PCB-199 (C198)	47:17						0.0278	0.0278		
PCB-196	47:57						0.0312	0.0312		
PCB-203	48:09						0.0253	0.0253		
PCB-195	49:28						0.0254	0.0254		RQU
PCB-194	51:53	3140	0.89	0.9255	0.0877	0.0670	0.0228	0.0228		RQMa
PCB-205	52:20	8702	0.88	1.1267	0.1526	0.1526	0.0187	0.0187		M
S Total Nonachlorobiphenyls					2.787	2.787	0.1160	0.1160		
D PCB-208L	49:15	4415087	0.81	1.0234	98.6	98.6	0.6540	0.6540	98.57	
D PCB-206L	54:03	3190990	0.81	0.7298	99.9	99.9	0.9170	0.9170	99.89	
PCB-208	49:14						0.1084	0.1084		
PCB-207	50:13	130675	0.78	1.2328	2.787	2.787	0.1088	0.1088		M
PCB-206	54:02						0.1307	0.1307		
D PCB-209L	55:41	3384822	0.71	0.7565	102.2	102.2	0.0394	0.0394	102	
DCB Decachlorobiphenyl	55:43	112827	0.69	1.0418	3.200	3.200	0.0156	0.0156		
S Polychlorinated biphenyls, Total					4869.3	3.200	0.0647	0.0647		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Report Date: 04-Jan-2024 23:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Lims ID: 140-34509-A-4-B
Client ID: PW-02-DUP
Sample Type: Client
Inject. Date: 04-Jan-2024 16:03:00 ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-008
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 23:21:11 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 23:21:11

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:41	11:40	-1	0.727	5191014	1903329	1028	2570	1851		
202.0766	11:41	11:40	-1	0.727	1622165	610271	848	2120	720	3.20(2.66-3.60)	
PCB-3L											
200.0795	13:50	13:49	-1	0.862	4615365	1277795	1028	2570	1243		
202.0766	13:50	13:49	-1	0.862	1448517	405584	848	2120	478	3.19(2.66-3.60)	
PCB-1											
188.0393	11:40						141	352			
190.0363	11:40						79	197			
PCB-2											
188.0393	13:41						141	352			
190.0363	13:41						79	197			
PCB-3											
188.0393	13:51						141	352			
190.0363	13:51						79	197			
PCB-4L											
234.0406	14:05	14:04	-1	0.877	1746736	517423	243	607	2129		
236.0376	14:05	14:04	-1	0.877	1108716	328801	114	285	2884	1.58(1.33-1.79)	
PCB-9L											
234.0406	16:04	16:04	-1		3107227	842961	243	607	3469		
236.0376	16:04	16:04	-1		1960295	534940	114	285	4692	1.59(1.33-1.79)	
PCB-15L											
234.0406	19:59	19:56	0	1.245	3164382	660306	243	607	2717		
236.0376	19:59	19:56	0	1.245	1981855	413472	114	285	3627	1.60(1.33-1.79)	
PCB-4											Ma
222.0003	14:06	14:06	-1	1.001	19151	5150	122	305	42		M
223.9974	14:07	14:06	0	1.002	12973	4097	213	532	19	1.48(1.33-1.79)	a

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-10											RQMa
222.0003	14:16	14:17	-1	1.013	5486	1078	122	305	9		M
	Empc Correction				3840	1215	122	305	10		
223.9974	14:17	14:17	0	1.014	2462	779	213	532	4	2.23(1.33-1.79)	M
PCB-9											
222.0003	16:04						122	305			
223.9974	16:04						213	532			
PCB-7											
222.0003	16:14						122	305			
223.9974	16:14						213	532			
PCB-6											M
222.0003	16:29	16:29	-1	1.170	12604	3132	122	305	26		M
223.9974	16:29	16:29	-1	1.170	7835	2253	213	532	11	1.61(1.33-1.79)	M
PCB-5											
222.0003	16:47						122	305			
223.9974	16:47						213	532			
PCB-8											M
222.0003	16:55	16:55	-1	1.201	32333	9273	122	305	76		M
223.9974	16:56	16:55	0	1.202	20832	4978	213	532	23	1.55(1.33-1.79)	M
PCB-14											
222.0003	18:32	18:31	-1	0.927	12029447	2859448	122	305	23438		
223.9974	18:32	18:31	-1	0.927	7552227	1786303	213	532	8386	1.59(1.33-1.79)	
PCB-11											M
222.0003	19:23	19:23	0	0.970	24884	4856	122	305	40		M
223.9974	19:23	19:23	0	0.970	16097	3352	213	532	16	1.55(1.33-1.79)	M
PCB-12											
222.0003	19:43						122	305			
223.9974	19:43						213	532			
PCB-13 (C12)											
222.0003	19:43						122	305			
223.9974	19:43						213	532			
PCB-15											
222.0003	19:59	19:58	-1	1.000	23065	3381	122	305	28		
223.9974	19:59	19:58	-1	1.000	13746	2266	213	532	11	1.68(1.33-1.79)	
PCB-19L											
268.0016	17:11	17:11	-1	0.841	1004511	259217	1270	3175	204		
269.9986	17:11	17:11	-1	0.841	952304	244588	457	1142	535	1.05(0.88-1.20)	
PCB-32L											
268.0016	20:27	20:27	0		1868467	428505	1270	3175	337		
269.9986	20:27	20:27	0		1721543	399024	457	1142	873	1.09(0.88-1.20)	
PCB-31L											
268.0016	22:43	22:43	0		4616471	1011323	608	1520	1663		
269.9986	22:43	22:43	0		4357816	950105	525	1312	1810	1.06(0.88-1.20)	
PCB-28L											
268.0016	23:01						608	1520			
269.9986	23:01						525	1312			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-37L											
268.0016	27:01	27:00	0	1.190	3688192	708433	608	1520	1165		
269.9986	27:01	27:00	0	1.190	3489804	654806	525	1312	1247	1.06(0.88-1.20)	
PCB-19											
255.9613	17:12	17:11	-1	1.001	14032	3849	38	95	101		
257.9584	17:14	17:11	1	1.002	12294	2510	95	237	26	1.14(0.88-1.20)	
PCB-18											
255.9613	19:05	19:01	1	1.110	31584	7357	38	95	194		
257.9584	19:05	19:01	1	1.110	34600	8504	95	237	90	0.91(0.88-1.20)	
PCB-30 (C18)											
255.9613	19:05	19:01	1	1.110	31584	7357	38	95	194		
257.9584	19:05	19:01	1	1.110	34600	8504	95	237	90	0.91(0.88-1.20)	
PCB-17											
255.9613	19:28	19:28	-2	1.133	24741	5169	38	95	136		
257.9584	19:30	19:28	0	1.135	23979	5160	95	237	54	1.03(0.88-1.20)	
PCB-27											RQM
255.9613	19:43	19:43	0	1.147	10235	2037	38	95	54		M
	Empc Correction				8692	1862	38	95	49		
257.9584	19:43	19:43	0	1.147	8358	1791	95	237	19	1.22(0.88-1.20)	M
PCB-24											Ma
255.9613	19:51	19:51	0	1.154	654	258	38	95	7		M
257.9584	19:51	19:51	0	1.154	623	244	95	237	3	1.05(0.88-1.20)	
PCB-16											
255.9613	19:57	19:56	-1	1.161	9533	2372	38	95	62		
257.9584	19:57	19:56	-1	1.161	8730	1990	95	237	21	1.09(0.88-1.20)	
PCB-32											M
255.9613	20:28	20:28	0	1.191	19376	4686	38	95	123		M
257.9584	20:28	20:28	0	1.191	20962	5266	95	237	55	0.92(0.88-1.20)	M
PCB-34											
255.9613	21:43						706	1765			
257.9584	21:43						397	992			
PCB-23											
255.9613	21:52						706	1765			
257.9584	21:52						397	992			
PCB-26											
255.9613	22:12	22:10	-1	1.291	97064	21460	706	1765	30		
257.9584	22:12	22:10	-1	1.291	98754	21043	397	992	53	0.98(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:12	22:10	-1	1.291	97064	21460	706	1765	30		
257.9584	22:12	22:10	-1	1.291	98754	21043	397	992	53	0.98(0.88-1.20)	
PCB-25											
255.9613	22:25	22:25	0	0.830	41033	8687	706	1765	12		
257.9584	22:26	22:25	1	0.830	40297	8028	397	992	20	1.02(0.88-1.20)	
PCB-31											
255.9613	22:45	22:43	1	0.842	111224	26883	706	1765	38		
257.9584	22:45	22:43	1	0.842	124124	26890	397	992	68	0.90(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-20											
255.9613	23:02	23:02	-2	0.852	134979	27154	706	1765	38		
257.9584	23:02	23:02	-1	0.852	141855	29548	397	992	74	0.95(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:02	23:02	-2	0.852	134979	27154	706	1765	38		
257.9584	23:02	23:02	-1	0.852	141855	29548	397	992	74	0.95(0.88-1.20)	
PCB-21											
255.9613	23:17	23:12	4	0.861	60438	11436	706	1765	16		
257.9584	23:17	23:12	4	0.861	62706	13190	397	992	33	0.96(0.88-1.20)	
PCB-33 (C21)											
255.9613	23:17	23:12	4	0.861	60438	11436	706	1765	16		
257.9584	23:17	23:12	4	0.861	62706	13190	397	992	33	0.96(0.88-1.20)	
PCB-22											
255.9613	23:40	23:39	0	0.876	33236	5915	706	1765	8		
257.9584	23:40	23:39	0	0.876	37155	8830	397	992	22	0.89(0.88-1.20)	
PCB-36											
255.9613	25:13	25:12	0	0.933	7249696	1471989	706	1765	2085		
257.9584	25:13	25:12	0	0.933	7076878	1426475	397	992	3593	1.02(0.88-1.20)	
PCB-39											U
255.9613	25:36						706	1765			
257.9584	25:36						397	992			
PCB-38											
255.9613	26:10						706	1765			
257.9584	26:10						397	992			
PCB-35											
255.9613	26:38						706	1765			
257.9584	26:38						397	992			
PCB-37											Ma
255.9613	27:03	27:02	1	1.001	20123	3583	706	1765	5		M
257.9584	27:02	27:02	0	1.000	20081	3083	397	992	8	1.00(0.88-1.20)	M
PCB-54L											
301.9626	20:17	20:16	0	0.816	1092602	255648	46	115	5558		
303.9597	20:17	20:16	0	0.816	1354942	314382	22	55	14290	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:51	24:51	1		2100582	447771	234	585	1914		
303.9597	24:51	24:51	1		2638417	553403	410	1025	1350	0.80(0.65-0.89)	
PCB-81L											
301.9626	33:47	33:44	1	1.360	2330311	422523	234	585	1806		
303.9597	33:47	33:44	1	1.360	2953165	540171	410	1025	1317	0.79(0.65-0.89)	
PCB-77L											
301.9626	34:21	34:18	1	1.382	2408062	436852	234	585	1867		
303.9597	34:21	34:18	1	1.382	3040276	546325	410	1025	1333	0.79(0.65-0.89)	
PCB-54											RQ
289.9224	20:19	20:18	1	1.000	2866	827	19	47	44		
291.9194	20:17	20:18	-2	0.998	4596	1012	26	65	39	0.62(0.65-0.89)	
	Empc Correction				3722	1074	26	65	41		

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-50											
289.9224	22:29	22:27	0	1.109	43466	8909	122	305	73		
291.9194	22:28	22:27	-1	1.108	59461	12032	69	172	174	0.73(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:29	22:27	0	1.109	43466	8909	122	305	73		
291.9194	22:28	22:27	-1	1.108	59461	12032	69	172	174	0.73(0.65-0.89)	
PCB-45											RQM
289.9224	23:12	23:12	0	1.144	44577	7409	122	305	61		
	Empc Correction				37868	5904	122	305	48		
291.9194	23:12	23:12	0	1.144	49180	7668	69	172	111	0.91(0.65-0.89)	M
PCB-51 (C45)											RQM
289.9224	23:12	23:12	0	1.144	44577	7409	122	305	61		
	Empc Correction				37868	5904	122	305	48		
291.9194	23:12	23:12	0	1.144	49180	7668	69	172	111	0.91(0.65-0.89)	M
PCB-46											RQM
289.9224	23:27	23:26	0	1.156	8516	2236	122	305	18		M
	Empc Correction				7267	1651	122	305	14		
291.9194	23:26	23:26	-1	1.156	9438	2145	69	172	31	0.90(0.65-0.89)	M
PCB-52											
289.9224	24:52	24:50	0	1.226	369284	79994	122	305	656		
291.9194	24:53	24:50	1	1.227	464274	99097	69	172	1436	0.80(0.65-0.89)	
PCB-43											
289.9224	25:01	24:58	1	1.234	35273	5888	122	305	48		
291.9194	25:01	24:58	1	1.234	39646	7015	69	172	102	0.89(0.65-0.89)	
PCB-73 (C43)											
289.9224	25:01	24:58	1	1.234	35273	5888	122	305	48		
291.9194	25:01	24:58	1	1.234	39646	7015	69	172	102	0.89(0.65-0.89)	
PCB-49											
289.9224	25:22	25:17	3	1.251	205813	43842	122	305	359		
291.9194	25:22	25:17	3	1.251	263834	56446	69	172	818	0.78(0.65-0.89)	
PCB-69 (C49)											
289.9224	25:22	25:17	3	1.251	205813	43842	122	305	359		
291.9194	25:22	25:17	3	1.251	263834	56446	69	172	818	0.78(0.65-0.89)	
PCB-48											RQ
289.9224	25:39	25:36	1	1.265	18712	3654	122	305	30		
291.9194	25:38	25:36	0	1.264	29499	5939	69	172	86	0.63(0.65-0.89)	
	Empc Correction				24301	4745	69	172	69		
PCB-44											
289.9224	25:49	25:50	-3	1.274	562383	77140	122	305	632		
291.9194	25:49	25:50	-3	1.274	701182	96942	69	172	1405	0.80(0.65-0.89)	
PCB-47 (C44)											
289.9224	25:49	25:50	-3	1.274	562383	77140	122	305	632		
291.9194	25:49	25:50	-3	1.274	701182	96942	69	172	1405	0.80(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:49	25:50	-3	1.274	562383	77140	122	305	632		
291.9194	25:49	25:50	-3	1.274	701182	96942	69	172	1405	0.80(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-59											
289.9224	26:12	26:09	1	1.292	19534	3140	122	305	26		
291.9194	26:13	26:09	2	1.293	26704	4525	69	172	66	0.73(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:12	26:09	1	1.292	19534	3140	122	305	26		
291.9194	26:13	26:09	2	1.293	26704	4525	69	172	66	0.73(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:12	26:09	1	1.292	19534	3140	122	305	26		
291.9194	26:13	26:09	2	1.293	26704	4525	69	172	66	0.73(0.65-0.89)	
PCB-42											
289.9224	26:23	26:21	0	1.301	38281	7680	122	305	63		
291.9194	26:24	26:21	1	1.302	49620	9911	69	172	144	0.77(0.65-0.89)	
PCB-40											M
289.9224	26:54	26:53	1	1.327	61005	11828	122	305	97		M
291.9194	26:53	26:53	1	1.326	84092	14713	69	172	213	0.73(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	26:54	26:53	1	1.327	61005	11828	122	305	97		M
291.9194	26:53	26:53	1	1.326	84092	14713	69	172	213	0.73(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	26:54	26:53	1	1.327	61005	11828	122	305	97		M
291.9194	26:53	26:53	1	1.326	84092	14713	69	172	213	0.73(0.65-0.89)	M
PCB-64											M
289.9224	27:06	27:06	1	1.337	61799	12588	122	305	103		M
291.9194	27:06	27:06	1	1.337	86088	17737	69	172	257	0.72(0.65-0.89)	
PCB-72											M
289.9224	27:57	27:57	1	0.827	12088	3090	122	305	25		
291.9194	27:57	27:57	1	0.827	14090	2986	69	172	43	0.86(0.65-0.89)	M
PCB-68											
289.9224	28:14	28:13	1	0.835	78756	15799	122	305	130		
291.9194	28:14	28:13	1	0.835	102815	20523	69	172	297	0.77(0.65-0.89)	
PCB-57											M
289.9224	28:39	28:40	1	0.848	10291	2059	122	305	17		M
291.9194	28:40	28:40	1	0.848	13511	2859	69	172	41	0.76(0.65-0.89)	M
PCB-58											
289.9224	28:54						122	305			
291.9194	28:54						69	172			
PCB-67											RQM
289.9224	29:02	29:02	-1	0.859	6595	1228	122	305	10		M
291.9194	29:02	29:02	-1	0.859	11613	1837	69	172	27	0.57(0.65-0.89)	M
	Empc Correction				8564	1594	69	172	23		
PCB-63											RQM
289.9224	29:18	29:18	-1	0.867	7159	1257	122	305	10		M
291.9194	29:18	29:18	-1	0.867	11631	2491	69	172	36	0.62(0.65-0.89)	M
	Empc Correction				9297	1632	69	172	24		
PCB-61											
289.9224	29:39	29:38	1	0.878	205329	33063	122	305	271		
291.9194	29:39	29:38	0	0.877	253436	36897	69	172	535	0.81(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-70 (C61)											
289.9224	29:39	29:38	1	0.878	205329	33063	122	305	271		
291.9194	29:39	29:38	0	0.877	253436	36897	69	172	535	0.81(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:39	29:38	1	0.878	205329	33063	122	305	271		
291.9194	29:39	29:38	0	0.877	253436	36897	69	172	535	0.81(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:39	29:38	1	0.878	205329	33063	122	305	271		
291.9194	29:39	29:38	0	0.877	253436	36897	69	172	535	0.81(0.65-0.89)	
PCB-66											M
289.9224	29:59	29:59	1	0.887	103227	19300	122	305	158		
291.9194	29:59	29:59	1	0.887	134428	23762	69	172	344	0.77(0.65-0.89)	M
PCB-55											
289.9224	30:09						122	305			
291.9194	30:09						69	172			
PCB-56											
289.9224	30:39	30:38	1	0.907	17154	4393	122	305	36		
291.9194	30:39	30:38	1	0.907	24486	5615	69	172	81	0.70(0.65-0.89)	
PCB-60											M
289.9224	30:51	30:51	0	0.913	6732	2534	122	305	21		M
291.9194	30:51	30:51	0	0.913	8651	2892	69	172	42	0.78(0.65-0.89)	M
PCB-80											
289.9224	31:17						122	305			
291.9194	31:17						69	172			
PCB-79											
289.9224	32:49						122	305			
291.9194	32:49						69	172			
PCB-78											M
289.9224	33:22	33:22	1	0.988	10538008	1925313	122	305	15781		M
291.9194	33:22	33:22	1	0.988	13468610	2497025	69	172	36189	0.78(0.65-0.89)	M
PCB-81											RQMa
289.9224	33:49	33:49	1	1.001	18495	3917	122	305	32		M
	Empc Correction				9906	3540	122	305	29		
291.9194	33:49	33:49	1	1.001	12866	4598	69	172	67	1.44(0.65-0.89)	
PCB-77											U
289.9224	34:22						122	305			
291.9194	34:22						69	172			
PCB-104L											
337.9207	25:47	25:46	1	0.813	2498541	525534	112	280	4692		
339.9178	25:47	25:46	1	0.813	1552714	331232	54	135	6134	1.61(1.32-1.78)	
PCB-101L											
337.9207	31:42	31:42	1		1803773	356743	112	280	3185		
339.9178	31:42	31:42	1		1121251	216303	54	135	4006	1.61(1.32-1.78)	
PCB-111L											
337.9207	34:22						112	280			
339.9178	34:22						54	135			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123L											
337.9207	36:21	36:18	2	1.147	3468292	675678	2058	5145	328		
339.9178	36:21	36:18	2	1.147	2212707	431786	1234	3085	350	1.57(1.32-1.78)	
PCB-118L											
337.9207	36:40	36:37	1	1.157	3646310	685582	2058	5145	333		
339.9178	36:41	36:37	2	1.157	2306990	440242	1234	3085	357	1.58(1.32-1.78)	
PCB-114L											
337.9207	37:12	37:09	2	1.174	3549890	674616	2058	5145	328		
339.9178	37:12	37:09	2	1.174	2197815	415917	1234	3085	337	1.62(1.32-1.78)	
PCB-105L											
337.9207	37:51	37:48	1	1.194	3421730	635815	2058	5145	309		
339.9178	37:51	37:48	1	1.194	2200886	414665	1234	3085	336	1.55(1.32-1.78)	
PCB-127L											
337.9207	39:20	39:18	2		3527348	650916	2058	5145	316		
339.9178	39:20	39:18	2		2199108	396713	1234	3085	321	1.60(1.32-1.78)	
PCB-126L											
337.9207	40:56	40:53	2	1.291	3195866	587755	2058	5145	286		
339.9178	40:56	40:53	2	1.291	2018525	368873	1234	3085	299	1.58(1.32-1.78)	
PCB-104											
325.8804	25:49	25:48	1	1.001	20181522	4368746	153	382	28554		
327.8775	25:49	25:48	1	1.001	12737901	2748391	49	122	56090	1.58(1.32-1.78)	
PCB-96											
325.8804	26:12						153	382			
327.8775	26:12						49	122			
PCB-103											
325.8804	28:08						153	382			
327.8775	28:08						49	122			
PCB-94											
325.8804	28:21						153	382			
327.8775	28:21						49	122			
PCB-95											
325.8804	28:47	28:46	1	1.117	284086	59255	153	382	387		
327.8775	28:47	28:46	1	1.117	175176	36535	49	122	746	1.62(1.32-1.78)	
PCB-93											RQM
325.8804	29:00	29:00	1	1.124	26743	4752	153	382	31		M
327.8775	29:00	29:00	1	1.125	20343	3213	49	122	66	1.31(1.32-1.78)	M
	Empc Correction				17253	3065	49	122	63		
PCB-100 (C93)											RQM
325.8804	29:00	29:00	1	1.124	26743	4752	153	382	31		M
327.8775	29:00	29:00	1	1.125	20343	3213	49	122	66	1.31(1.32-1.78)	M
	Empc Correction				17253	3065	49	122	63		
PCB-98											RQMa
325.8804	29:10	29:10	1	1.131	12111	2173	153	382	14		M
327.8775	29:09	29:10	1	1.130	10226	1723	49	122	35	1.18(1.32-1.78)	
	Empc Correction				7813	1401	49	122	29		

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-102 (C98)											RQMa
325.8804	29:10	29:10	1	1.131	12111	2173	153	382	14		M
327.8775	29:09	29:10	1	1.130	10226	1723	49	122	35	1.18(1.32-1.78)	
	Empc Correction				7813	1401	49	122	29		
PCB-88											
325.8804	29:39	29:38	1	1.150	56706	10483	153	382	69		
327.8775	29:39	29:38	1	1.150	35668	7570	49	122	154	1.59(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:39	29:38	1	1.150	56706	10483	153	382	69		
327.8775	29:39	29:38	1	1.150	35668	7570	49	122	154	1.59(1.32-1.78)	
PCB-84											
325.8804	29:52	29:51	1	1.159	71830	14535	153	382	95		
327.8775	29:53	29:51	2	1.159	43979	8944	49	122	183	1.63(1.32-1.78)	
PCB-89											
325.8804	30:21						153	382			
327.8775	30:21						49	122			
PCB-121											
325.8804	30:46	30:44	1	1.193	6393377	1298809	153	382	8489		
327.8775	30:46	30:44	1	1.193	4117672	833899	49	122	17018	1.55(1.32-1.78)	
PCB-92											M
325.8804	31:09	31:09	1	0.857	93832	17564	153	382	115		M
327.8775	31:09	31:09	1	0.857	56391	9993	49	122	204	1.66(1.32-1.78)	M
PCB-90											
325.8804	31:44	31:40	3	1.231	365607	69845	153	382	457		
327.8775	31:44	31:40	3	1.231	212638	40193	49	122	820	1.72(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:44	31:40	3	1.231	365607	69845	153	382	457		
327.8775	31:44	31:40	3	1.231	212638	40193	49	122	820	1.72(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:44	31:40	3	1.231	365607	69845	153	382	457		
327.8775	31:44	31:40	3	1.231	212638	40193	49	122	820	1.72(1.32-1.78)	
PCB-83											M
325.8804	32:18	32:18	1	1.253	184999	30406	153	382	199		M
327.8775	32:19	32:18	2	1.253	116553	18967	49	122	387	1.59(1.32-1.78)	M
PCB-99 (C83)											M
325.8804	32:18	32:18	1	1.253	184999	30406	153	382	199		M
327.8775	32:19	32:18	2	1.253	116553	18967	49	122	387	1.59(1.32-1.78)	M
PCB-112											RQMa
325.8804	32:24	32:24	-1	1.256	3284	2420	153	382	16		M
327.8775	32:24	32:24	-1	1.256	3545	1447	49	122	30	0.93(1.32-1.78)	
	Empc Correction				2118	1561	49	122	32		
PCB-86											M
325.8804	32:54	32:54	8	1.276	205807	22998	153	382	150		M
327.8775	32:54	32:54	8	1.276	131388	14315	49	122	292	1.57(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:54	32:54	8	1.276	205807	22998	153	382	150		M
327.8775	32:54	32:54	8	1.276	131388	14315	49	122	292	1.57(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-97 (C86)											M
325.8804	32:54	32:54	8	1.276	205807	22998	153	382	150		M
327.8775	32:54	32:54	8	1.276	131388	14315	49	122	292	1.57(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:54	32:54	8	1.276	205807	22998	153	382	150		M
327.8775	32:54	32:54	8	1.276	131388	14315	49	122	292	1.57(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:54	32:54	8	1.276	205807	22998	153	382	150		M
327.8775	32:54	32:54	8	1.276	131388	14315	49	122	292	1.57(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:54	32:54	8	1.276	205807	22998	153	382	150		M
327.8775	32:54	32:54	8	1.276	131388	14315	49	122	292	1.57(1.32-1.78)	M
PCB-85											M
325.8804	33:32	33:32	2	1.300	52955	6560	153	382	43		M
327.8775	33:32	33:32	2	1.300	34722	4928	49	122	101	1.53(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:32	33:32	2	1.300	52955	6560	153	382	43		M
327.8775	33:32	33:32	2	1.300	34722	4928	49	122	101	1.53(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:32	33:32	2	1.300	52955	6560	153	382	43		M
327.8775	33:32	33:32	2	1.300	34722	4928	49	122	101	1.53(1.32-1.78)	M
PCB-110											
325.8804	33:42	33:44	-3	1.307	418527	80301	153	382	525		
327.8775	33:42	33:44	-3	1.307	271029	48368	49	122	987	1.54(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:42	33:44	-3	1.307	418527	80301	153	382	525		
327.8775	33:42	33:44	-3	1.307	271029	48368	49	122	987	1.54(1.32-1.78)	
PCB-82											M
325.8804	34:02	34:02	2	1.320	21061	3950	153	382	26		M
327.8775	34:00	34:02	0	1.319	12924	2442	49	122	50	1.63(1.32-1.78)	M
PCB-111											
325.8804	34:24						153	382			
327.8775	34:24						49	122			
PCB-120											
325.8804	34:52						153	382			
327.8775	34:52						49	122			
PCB-108											RQ
325.8804	36:01	35:59	2	1.397	16877	2877	274	685	11		
	Empc Correction				13706	2245	274	685	8		
327.8775	36:01	35:59	2	1.397	8843	1449	208	520	7	1.91(1.32-1.78)	
PCB-124 (C108)											RQ
325.8804	36:01	35:59	2	1.397	16877	2877	274	685	11		
	Empc Correction				13706	2245	274	685	8		
327.8775	36:01	35:59	2	1.397	8843	1449	208	520	7	1.91(1.32-1.78)	
PCB-107											Ma
325.8804	36:15	36:15	1	1.406	30201	6437	274	685	23		M
327.8775	36:16	36:15	2	1.406	17355	3960	208	520	19	1.74(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123											RQMa
325.8804	36:24	36:24	3	1.001	5092	1763	274	685	6		M
327.8775	36:24	36:24	3	1.001	4325	990	208	520	5	1.18(1.32-1.78)	
	Empc Correction				3285	1137	208	520	5		
PCB-106											Ma
325.8804	36:30	36:30	2	1.004	305895	57622	274	685	210		M
327.8775	36:30	36:30	3	1.004	185597	34297	208	520	165	1.65(1.32-1.78)	
PCB-118											
325.8804	36:42	36:40	1	1.001	371877	69418	274	685	253		
327.8775	36:42	36:40	1	1.001	234673	44036	208	520	212	1.58(1.32-1.78)	
PCB-122											RQM
325.8804	37:02	37:04	1	1.010	4616	1059	274	685	4		
	Empc Correction				3648	833	274	685	3		
327.8775	37:04	37:04	3	1.011	2354	538	208	520	3	1.96(1.32-1.78)	M
PCB-114											
325.8804	37:13	37:11	1	1.000	8963	1410	274	685	5		
327.8775	37:13	37:11	1	1.000	6419	883	208	520	4	1.40(1.32-1.78)	
PCB-105											M
325.8804	37:52	37:52	2	1.001	97520	19406	274	685	71		M
327.8775	37:52	37:52	2	1.001	59603	11279	208	520	54	1.64(1.32-1.78)	M
PCB-127											
325.8804	39:21						274	685			
327.8775	39:21						208	520			
PCB-126											
325.8804	40:58						274	685			
327.8775	40:58						208	520			
PCB-155L											
371.8817	31:28	31:26	1	0.791	1977509	407258	70	175	5818		
373.8788	31:28	31:26	1	0.791	1559537	315928	46	115	6868	1.27(1.05-1.43)	
PCB-138L											
371.8817	39:48	39:46	2		2369306	441208	797	1992	554		
373.8788	39:48	39:46	2		1845748	344475	654	1635	527	1.28(1.05-1.43)	
PCB-167L											
371.8817	42:48	42:45	2	1.076	2902213	543287	797	1992	682		
373.8788	42:48	42:45	2	1.076	2261859	417484	654	1635	638	1.28(1.05-1.43)	
PCB-156L											
371.8817	43:57	43:55	2	1.105	5639663	762637	797	1992	957		
373.8788	43:57	43:55	1	1.104	4416623	595816	654	1635	911	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:57	43:55	2	1.105	5639663	762637	797	1992	957		
373.8788	43:57	43:55	1	1.104	4416623	595816	654	1635	911	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:11	47:09	2	1.186	2838160	501360	797	1992	629		
373.8788	47:11	47:09	2	1.186	2197614	394507	654	1635	603	1.29(1.05-1.43)	
PCB-155											M
359.8415	31:30	31:30	1	1.001	4825306	956859	35	87	27339		M
361.8385	31:30	31:30	1	1.001	3841897	766626	16	40	47914	1.26(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-152											Ma
359.8415	31:38	31:38	-3	1.005	20039	6024	35	87	172		M
361.8385	31:39	31:38	-1	1.006	18402	4835	16	40	302	1.09(1.05-1.43)	
PCB-150											RQM
359.8415	31:53	31:53	3	1.013	8794	1696	35	87	48		M
	Empc Correction				5444	1138	35	87	33		
361.8385	31:53	31:53	3	1.013	4391	918	16	40	57	2.00(1.05-1.43)	M
PCB-136											
359.8415	32:14	32:11	1	1.024	28123	5386	35	87	154		
361.8385	32:14	32:11	1	1.024	24546	4771	16	40	298	1.15(1.05-1.43)	
PCB-145											
359.8415	32:31						35	87			
361.8385	32:31						16	40			
PCB-148											
359.8415	34:02						35	87			
361.8385	34:02						16	40			
PCB-135											
359.8415	34:38	34:37	0	1.101	41798	5413	35	87	155		
361.8385	34:38	34:37	-1	1.100	36537	4252	16	40	266	1.14(1.05-1.43)	
PCB-151 (C135)											
359.8415	34:38	34:37	0	1.101	41798	5413	35	87	155		
361.8385	34:38	34:37	-1	1.100	36537	4252	16	40	266	1.14(1.05-1.43)	
PCB-154											RQ
359.8415	34:52	34:50	1	1.108	10295	2329	35	87	67		
	Empc Correction				8311	1680	35	87	48		
361.8385	34:52	34:50	1	1.108	6703	1355	16	40	85	1.54(1.05-1.43)	
PCB-144											
359.8415	35:12	35:09	2	1.119	4533	818	35	87	23		
361.8385	35:11	35:09	0	1.118	3688	908	16	40	57	1.23(1.05-1.43)	
PCB-147											
359.8415	35:33	35:30	1	1.130	170417	33512	159	397	211		
361.8385	35:33	35:30	1	1.130	128216	23970	111	277	216	1.33(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:33	35:30	1	1.130	170417	33512	159	397	211		
361.8385	35:33	35:30	1	1.130	128216	23970	111	277	216	1.33(1.05-1.43)	
PCB-134											a
359.8415	35:45	35:45	-4	1.136	15298	3052	159	397	19		a
361.8385	35:44	35:45	-5	1.135	13985	2694	111	277	24	1.09(1.05-1.43)	
PCB-143 (C134)											a
359.8415	35:45	35:45	-4	1.136	15298	3052	159	397	19		a
361.8385	35:44	35:45	-5	1.135	13985	2694	111	277	24	1.09(1.05-1.43)	
PCB-139											
359.8415	36:08	36:06	1	1.148	8184	1200	159	397	8		
361.8385	36:09	36:06	2	1.149	6447	1424	111	277	13	1.27(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:08	36:06	1	1.148	8184	1200	159	397	8		
361.8385	36:09	36:06	2	1.149	6447	1424	111	277	13	1.27(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-131											
359.8415	36:21						159	397			
361.8385	36:21						111	277			
PCB-142											
359.8415	36:30	36:27	1	1.160	3852679	731823	159	397	4603		
361.8385	36:30	36:27	1	1.160	3054016	581221	111	277	5236	1.26(1.05-1.43)	
PCB-132											M
359.8415	36:49	36:49	1	1.170	94578	16381	159	397	103		M
361.8385	36:49	36:49	1	1.170	70477	11895	111	277	107	1.34(1.05-1.43)	
PCB-133											M
359.8415	37:21	37:19	3	1.187	6708	992	159	397	6		M
361.8385	37:19	37:19	2	1.186	6088	958	111	277	9	1.10(1.05-1.43)	M
PCB-165											
359.8415	37:43	37:40	2	0.881	35060	6977	159	397	44		
361.8385	37:44	37:40	3	0.881	29413	5304	111	277	48	1.19(1.05-1.43)	
PCB-146											
359.8415	37:58	37:55	2	0.887	32365	6900	159	397	43		
361.8385	37:58	37:55	2	0.887	23874	5033	111	277	45	1.36(1.05-1.43)	
PCB-161											
359.8415	38:06	38:03	2	0.890	233111	43413	159	397	273		
361.8385	38:05	38:03	1	0.890	184902	33093	111	277	298	1.26(1.05-1.43)	
PCB-153											
359.8415	38:34	38:33	0	0.901	185614	36912	159	397	232		
361.8385	38:34	38:33	0	0.901	147749	29882	111	277	269	1.26(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:34	38:33	0	0.901	185614	36912	159	397	232		
361.8385	38:34	38:33	0	0.901	147749	29882	111	277	269	1.26(1.05-1.43)	
PCB-141											
359.8415	38:47	38:43	3	0.906	29029	5588	159	397	35		
361.8385	38:46	38:43	2	0.906	21027	4973	111	277	45	1.38(1.05-1.43)	
PCB-130											RQ
359.8415	39:11	39:09	2	0.916	11636	2116	159	397	13		
361.8385	39:10	39:09	0	0.915	12210	2288	111	277	21	0.95(1.05-1.43)	
	Empc Correction				9383	1706	111	277	15		
PCB-137											
359.8415	39:24	39:21	2	0.920	15831	3317	159	397	21		
361.8385	39:24	39:21	2	0.920	11359	3160	111	277	28	1.39(1.05-1.43)	
PCB-164											
359.8415	39:29	39:28	0	0.923	18142	3301	159	397	21		
361.8385	39:32	39:28	3	0.924	13126	2852	111	277	26	1.38(1.05-1.43)	
PCB-129											
359.8415	39:49	39:47	1	0.930	220530	39128	159	397	246		
361.8385	39:49	39:47	1	0.930	177238	32399	111	277	292	1.24(1.05-1.43)	
PCB-138 (C129)											
359.8415	39:49	39:47	1	0.930	220530	39128	159	397	246		
361.8385	39:49	39:47	1	0.930	177238	32399	111	277	292	1.24(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-160 (C129)											
359.8415	39:49	39:47	1	0.930	220530	39128	159	397	246		
361.8385	39:49	39:47	1	0.930	177238	32399	111	277	292	1.24(1.05-1.43)	
PCB-163 (C129)											
359.8415	39:49	39:47	1	0.930	220530	39128	159	397	246		
361.8385	39:49	39:47	1	0.930	177238	32399	111	277	292	1.24(1.05-1.43)	
PCB-158											
359.8415	40:12	40:10	1	0.939	30027	5350	159	397	34		
361.8385	40:12	40:10	1	0.939	23772	3970	111	277	36	1.26(1.05-1.43)	
PCB-128											
359.8415	41:05	41:00	3	0.960	36115	7403	159	397	47		
361.8385	41:04	41:00	3	0.959	25473	4995	111	277	45	1.42(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:05	41:00	3	0.960	36115	7403	159	397	47		
361.8385	41:04	41:00	3	0.959	25473	4995	111	277	45	1.42(1.05-1.43)	
PCB-159											
359.8415	42:04	42:01	2	0.983	34419	7346	159	397	46		
361.8385	42:04	42:01	2	0.983	23999	4719	111	277	43	1.43(1.05-1.43)	
PCB-162											
359.8415	42:20						159	397			
361.8385	42:20						111	277			
PCB-167											M
359.8415	42:50	42:48	3	1.001	9677	2041	159	397	13		
361.8385	42:48	42:48	1	1.000	7819	1079	111	277	10	1.24(1.05-1.43)	M
PCB-156											
359.8415	43:57	43:55	0	1.000	29982	4689	159	397	29		
361.8385	43:57	43:55	0	1.000	21417	3896	111	277	35	1.40(1.05-1.43)	
PCB-157 (C156)											
359.8415	43:57	43:55	0	1.000	29982	4689	159	397	29		
361.8385	43:57	43:55	0	1.000	21417	3896	111	277	35	1.40(1.05-1.43)	
PCB-169											
359.8415	47:13						159	397			
361.8385	47:13						111	277			
PCB-188L											
405.8428	37:12	37:10	2	0.820	2163773	411471	42	105	9797		
407.8398	37:12	37:10	2	0.820	2057355	393407	7	17	56201	1.05(0.89-1.21)	
PCB-178L											
405.8428	40:16						42	105			
407.8398	40:16						7	17			
PCB-180L											
405.8428	45:21	45:18	3		1630723	309689	42	105	7374		
407.8398	45:21	45:18	3		1556381	290990	7	17	41570	1.05(0.89-1.21)	
PCB-170L											
405.8428	46:36	46:34	2	1.028	1420766	257750	42	105	6137		
407.8398	46:36	46:34	2	1.028	1325529	241549	7	17	34507	1.07(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-189L											
405.8428	49:43	49:41	3	1.096	3173859	573984	1840	4600	312		
407.8398	49:43	49:41	3	1.096	3001440	543567	1419	3547	383	1.06(0.89-1.21)	
PCB-188											RQM
393.8025	37:12	37:13	0	1.000	4087	844	50	125	17		M
395.7995	37:13	37:13	1	1.000	4934	957	34	85	28	0.83(0.89-1.21)	M
	Empc Correction				3892	803	34	85	24		
PCB-179											RQM
393.8025	37:35	37:35	3	1.010	5197	1118	50	125	22		M
395.7995	37:32	37:35	0	1.009	6893	1070	34	85	31	0.75(0.89-1.21)	M
	Empc Correction				4949	1064	34	85	31		
PCB-184											
393.8025	38:05	38:02	2	1.024	9533598	1840461	50	125	36809		
395.7995	38:05	38:02	2	1.024	9091344	1750536	34	85	51486	1.05(0.89-1.21)	
PCB-176											
393.8025	38:27						50	125			
395.7995	38:27						34	85			
PCB-186											
393.8025	38:54						50	125			
395.7995	38:54						34	85			
PCB-178											
393.8025	40:18						50	125			
395.7995	40:18						34	85			
PCB-175											
393.8025	40:55						50	125			
395.7995	40:55						34	85			
PCB-187											
393.8025	41:11						50	125			
395.7995	41:11						34	85			
PCB-182											
393.8025	41:23						50	125			
395.7995	41:23						34	85			
PCB-183											
393.8025	41:48						50	125			
395.7995	41:48						34	85			
PCB-185 (C183)											
393.8025	41:48						50	125			
395.7995	41:48						34	85			
PCB-174											
393.8025	42:02						50	125			
395.7995	42:02						34	85			
PCB-177											
393.8025	42:28						50	125			
395.7995	42:28						34	85			
PCB-181											
393.8025	42:52						50	125			
395.7995	42:52						34	85			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-171											
393.8025	43:05						50	125			
395.7995	43:05						34	85			
PCB-173 (C171)											
393.8025	43:05						50	125			
395.7995	43:05						34	85			
PCB-172											
393.8025	44:44						50	125			
395.7995	44:44						34	85			
PCB-192											
393.8025	45:00	44:58	2	0.905	27977167	5305151	50	125	106103		
395.7995	45:00	44:58	2	0.905	26630992	5082541	34	85	149487	1.05(0.89-1.21)	
PCB-180											RQ
393.8025	45:22	45:18	3	0.912	73425	10482	50	125	210		
	Empc Correction				56387	10037	50	125	201		
395.7995	45:20	45:18	2	0.912	53702	9560	34	85	281	1.37(0.89-1.21)	
PCB-193 (C180)											RQ
393.8025	45:22	45:18	3	0.912	73425	10482	50	125	210		
	Empc Correction				56387	10037	50	125	201		
395.7995	45:20	45:18	2	0.912	53702	9560	34	85	281	1.37(0.89-1.21)	
PCB-191											
393.8025	45:43						50	125			
395.7995	45:43						34	85			
PCB-170											
393.8025	46:38						50	125			
395.7995	46:38						34	85			
PCB-190											
393.8025	47:09						50	125			
395.7995	47:09						34	85			
PCB-189											
393.8025	49:42						65	162			
395.7995	49:42						176	440			
PCB-202L											
439.8038	42:35	42:32	3	0.821	1594255	287397	31	77	9271		
441.8008	42:35	42:32	3	0.821	1752472	331583	35	87	9474	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:50	51:47	3		2084679	390143	1142	2855	342		
441.8008	51:50	51:47	3		2292037	415491	1271	3177	327	0.91(0.76-1.02)	
PCB-205L											
439.8038	52:18	52:15	3	1.009	2421254	448409	1142	2855	393		
441.8008	52:18	52:15	3	1.009	2638733	485929	1271	3177	382	0.92(0.76-1.02)	
PCB-202											
427.7635	42:36						19	47			
429.7606	42:36						42	105			
PCB-201											
427.7635	43:31						19	47			
429.7606	43:31						42	105			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-204											
427.7635	44:12	44:09	3	1.038	12168654	2297401	19	47	120916		
429.7606	44:11	44:09	2	1.038	13435961	2576786	42	105	61352	0.91(0.76-1.02)	
PCB-197											M
427.7635	44:24	44:25	1	1.043	103079	14836	19	47	781		M
429.7606	44:25	44:25	2	1.043	116802	17856	42	105	425	0.88(0.76-1.02)	M
PCB-200											RQM
427.7635	44:29	44:29	0	1.045	13935	4462	19	47	235		M
	Empc Correction				11206	4141	19	47	218		
429.7606	44:29	44:29	0	1.045	12592	4653	42	105	111	1.11(0.76-1.02)	M
PCB-198											
427.7635	47:20						19	47			
429.7606	47:20						42	105			
PCB-199 (C198)											
427.7635	47:20						19	47			
429.7606	47:20						42	105			
PCB-196											
427.7635	47:59						19	47			
429.7606	47:59						42	105			
PCB-203											
427.7635	48:11						19	47			
429.7606	48:11						42	105			
PCB-195											RQU
427.7635	49:28						49	122			
429.7606	49:28						30	75			
PCB-194											RQMa
427.7635	51:53	51:53	4	0.992	1479	487	49	122	10		M
429.7606	51:53	51:53	4	0.992	2629	635	30	75	21	0.56(0.76-1.02)	
	Empc Correction				1661	547	30	75	18		
PCB-205											M
427.7635	52:20	52:19	3	1.000	4071	654	49	122	13		
429.7606	52:19	52:19	2	1.000	4631	965	30	75	32	0.88(0.76-1.02)	M
PCB-208L											
473.7648	49:15	49:13	2	0.950	1974357	363328	983	2457	370		
475.7619	49:15	49:13	2	0.950	2440730	449751	1174	2935	383	0.81(0.65-0.89)	
PCB-206L											
473.7648	54:03	54:00	3	1.043	1430444	248967	983	2457	253		
475.7619	54:03	54:00	3	1.043	1760546	312189	1174	2935	266	0.81(0.65-0.89)	
PCB-208											
461.7246	49:16						145	362			
463.7216	49:16						224	560			
PCB-207											M
461.7246	50:13	50:12	3	1.020	57248	11537	145	362	80		
463.7216	50:12	50:12	3	1.019	73427	12646	224	560	56	0.78(0.65-0.89)	M
PCB-206											
461.7246	54:05						145	362			
463.7216	54:05						224	560			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-209L											
507.7258	55:41	55:39	2	1.075	1404244	247042	65	162	3801		
509.7229	55:41	55:39	2	1.075	1980578	338543	31	77	10921	0.71(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:43	55:44	2	1.000	46163	8945	11	27	813		
497.6826	55:43	55:44	2	1.000	66664	13004	27	67	482	0.69(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

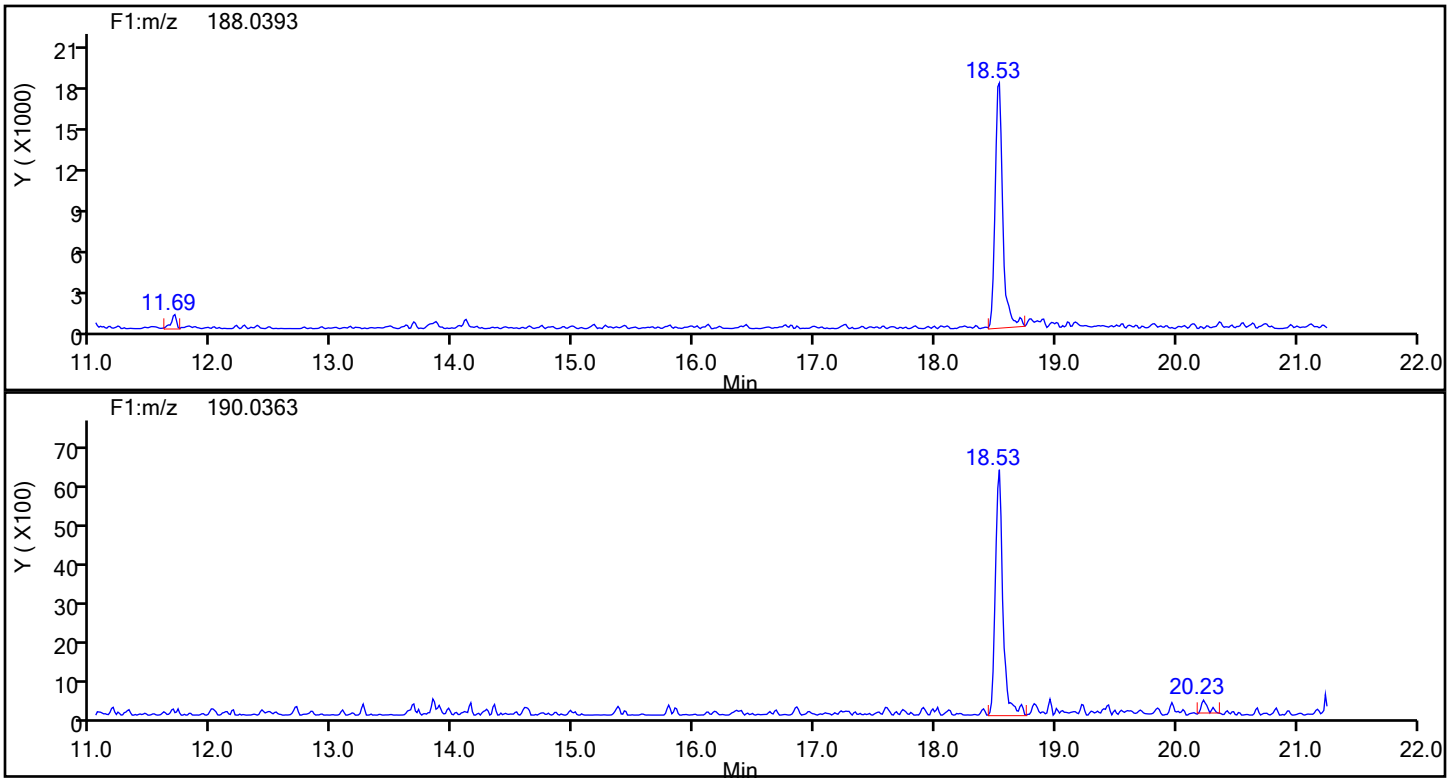
Report Date: 04-Jan-2024 23:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

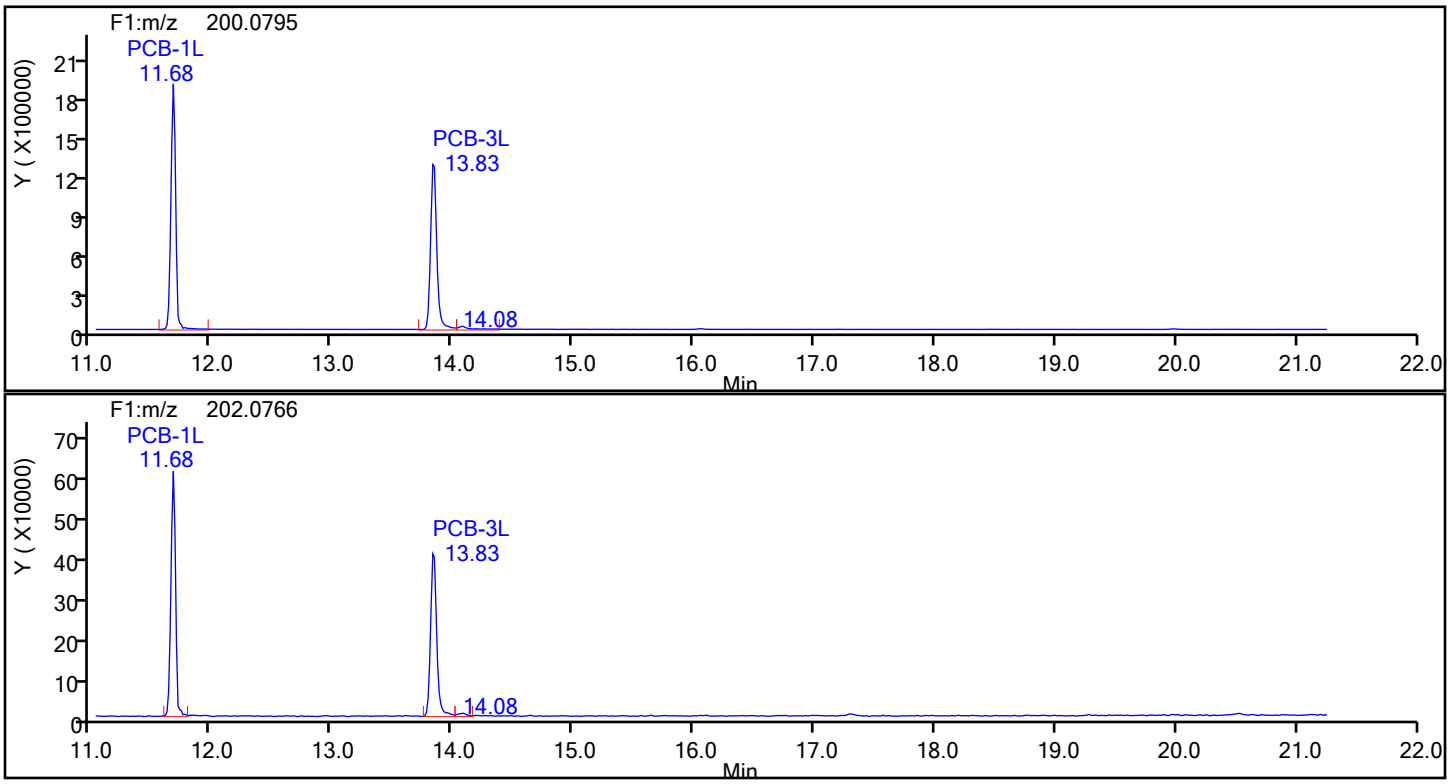
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

MoPCB F1



MoPCB F1 Standards

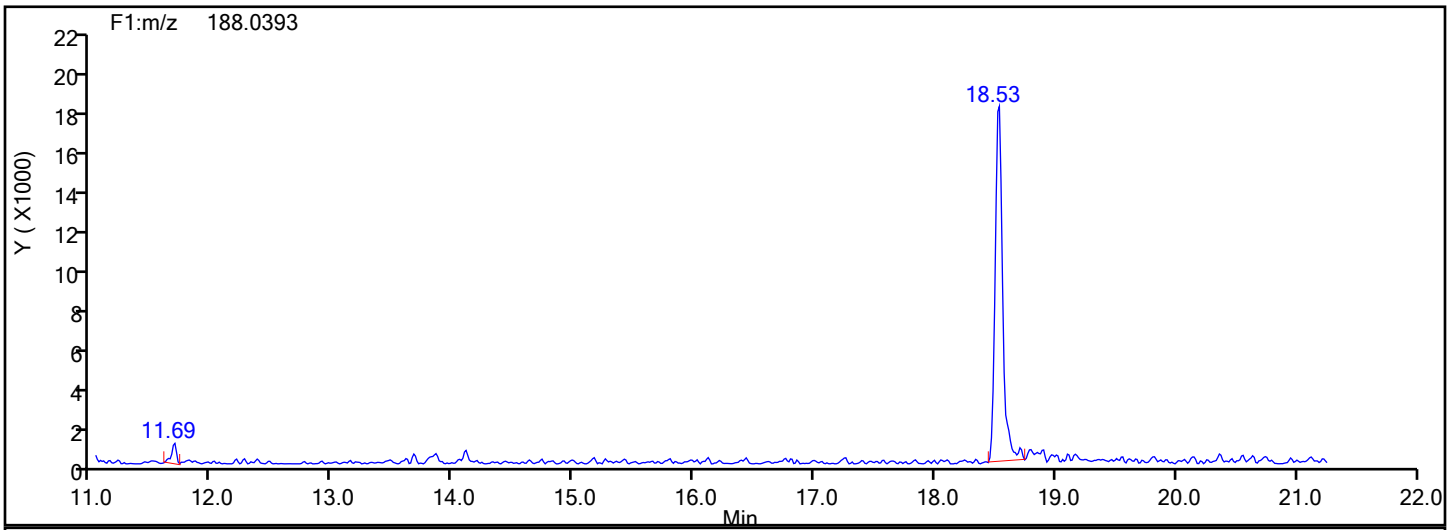


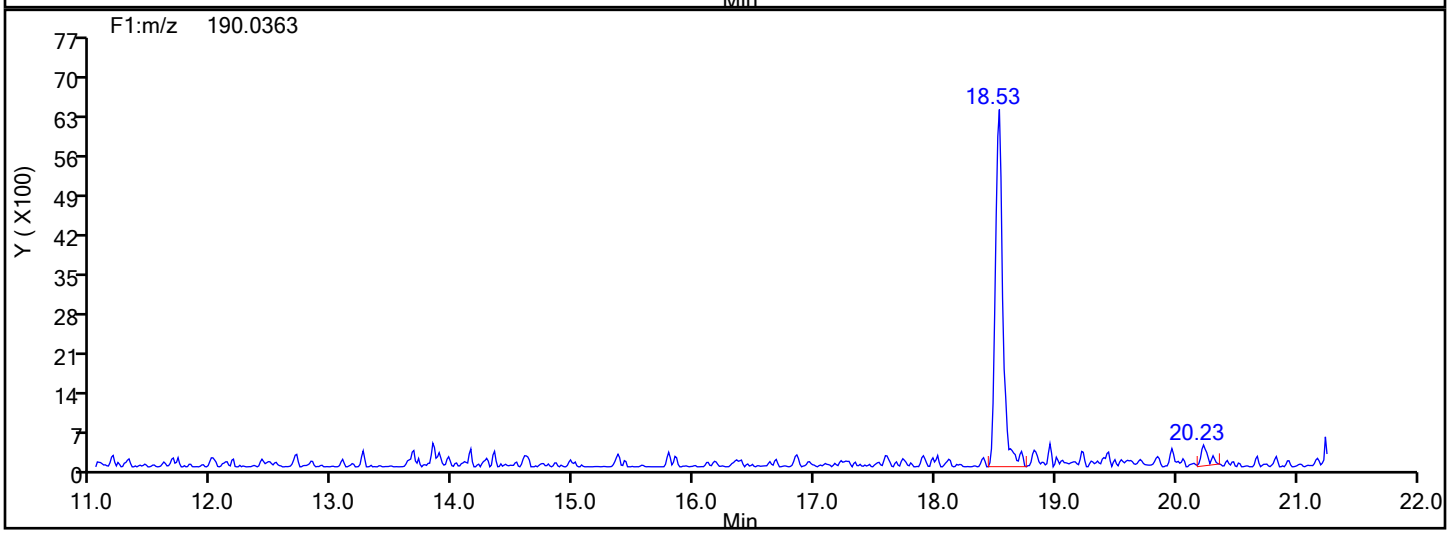
Report Date: 04-Jan-2024 23:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

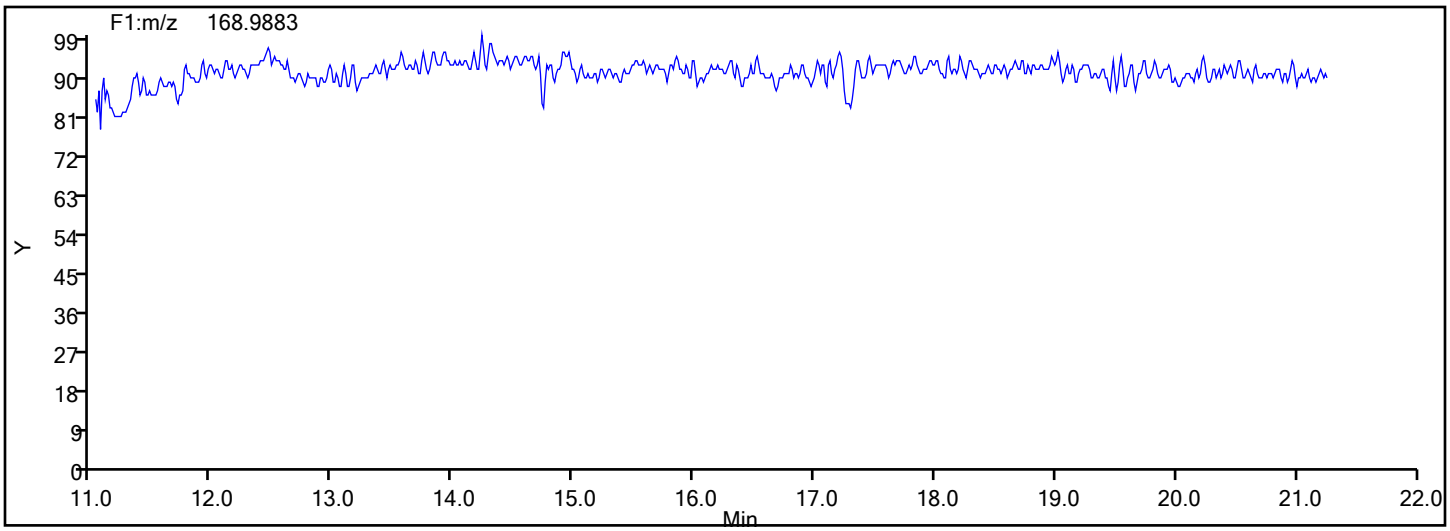
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Injection Date: 04-Jan-2024 16:03:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02-DUP
Worklist#: 82009 Sample Line#: 8
Column Type: Column Dia:

MoPCB F1





MoPCB F1 Lock Mass



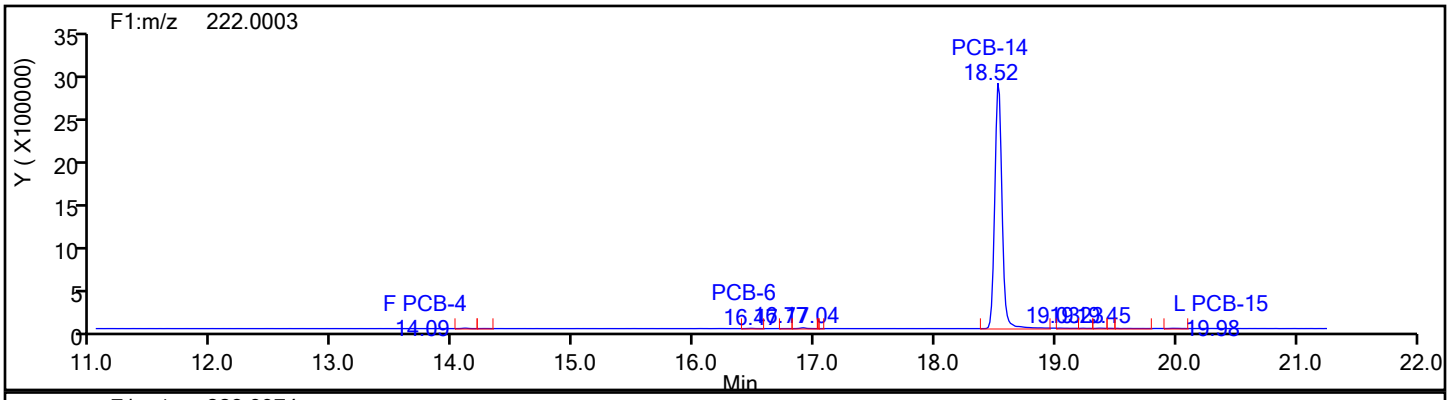
Report Date: 04-Jan-2024 23:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

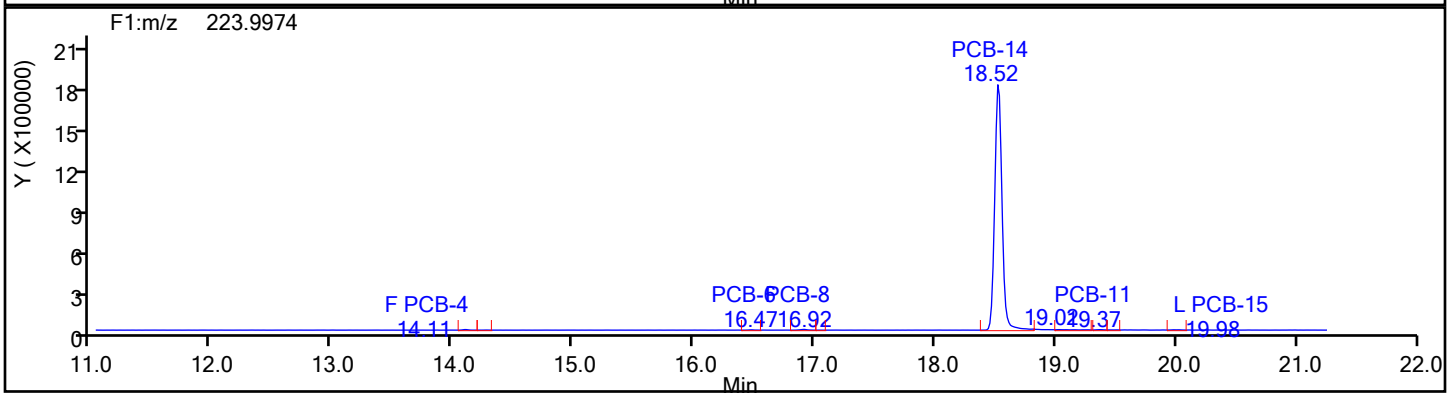
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

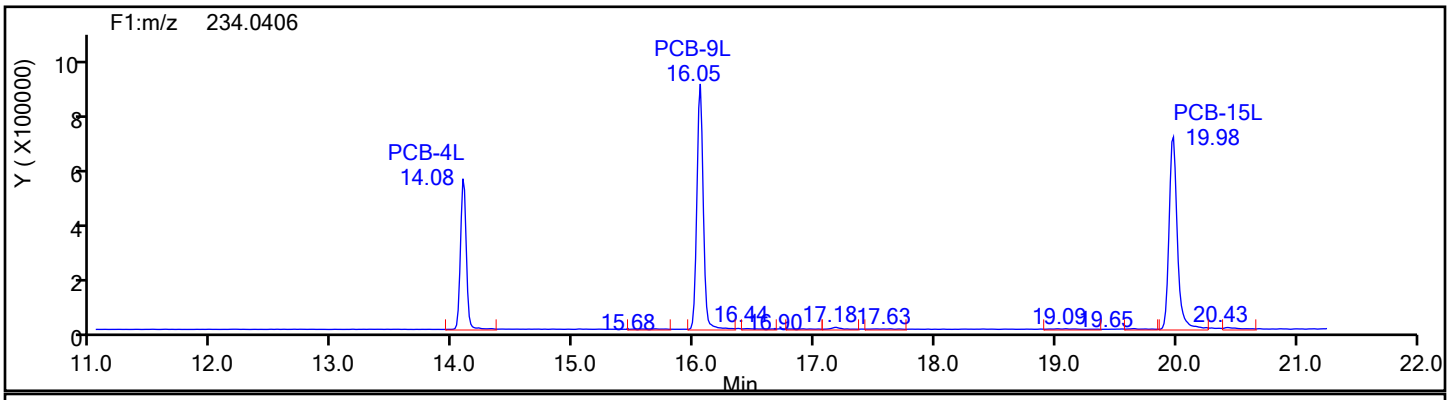
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

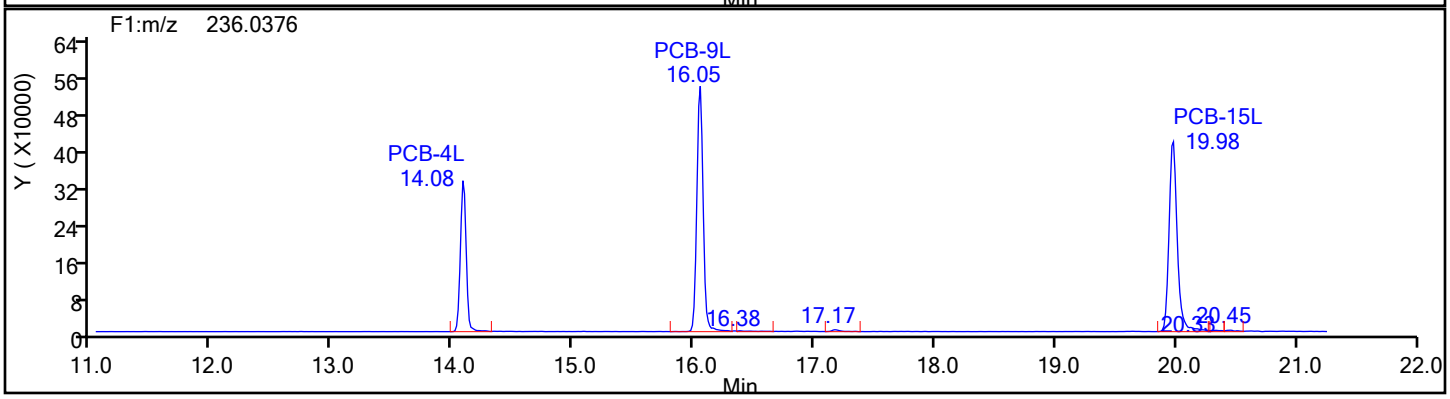
DiPCB F1





DiPCB F1 Standards



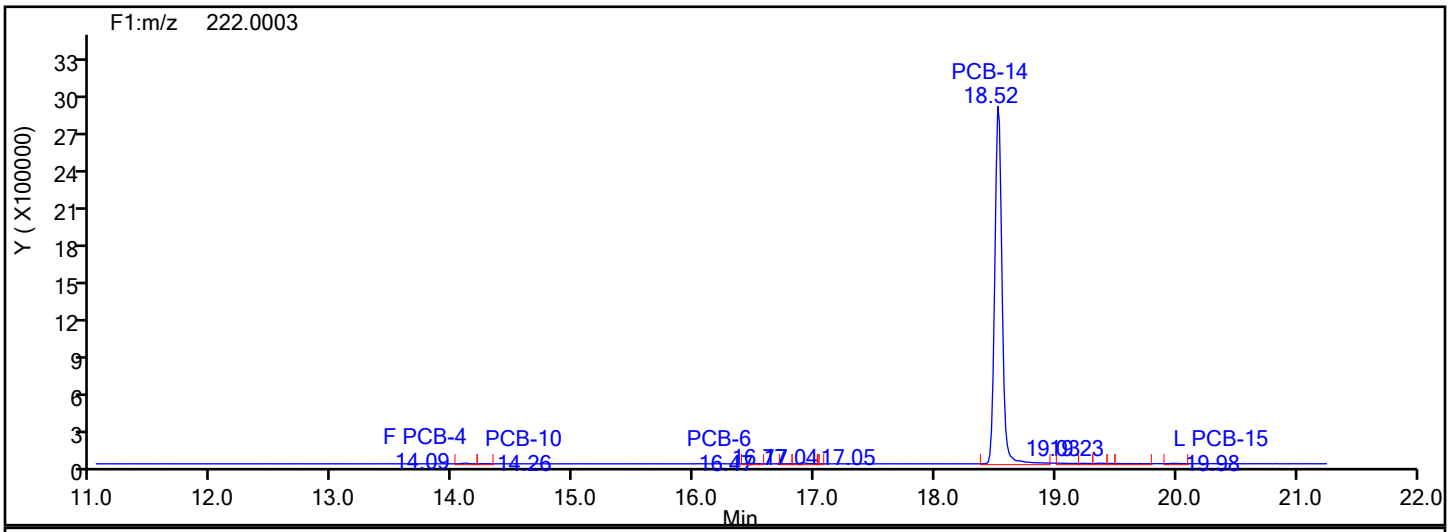


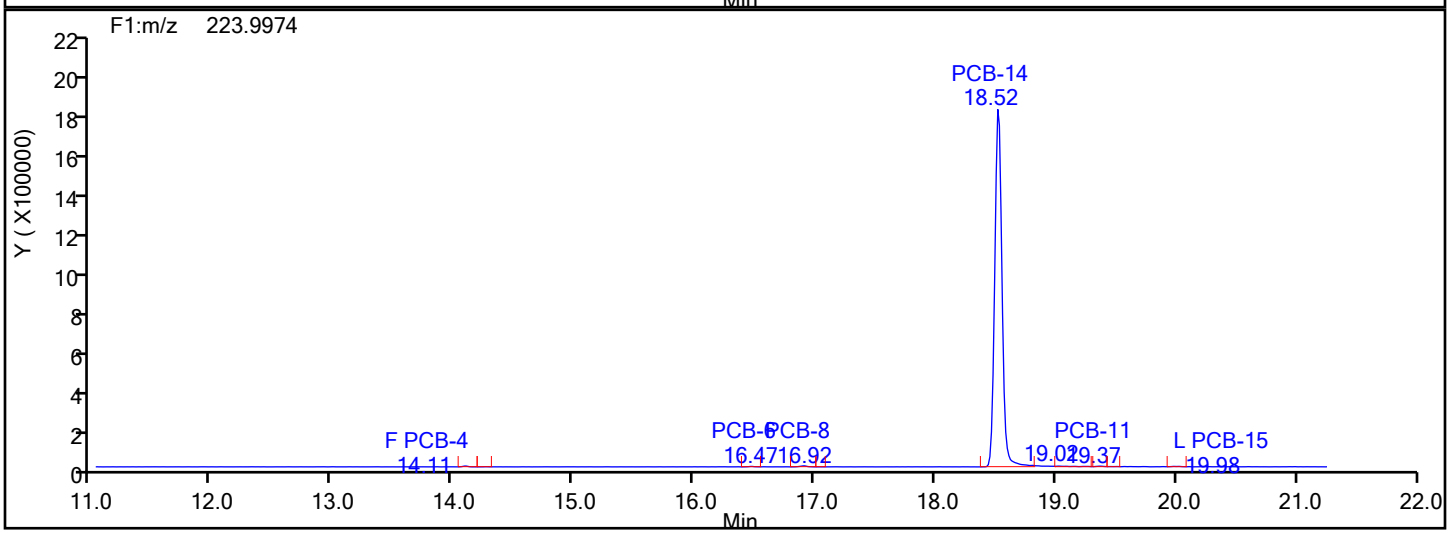
Report Date: 04-Jan-2024 23:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

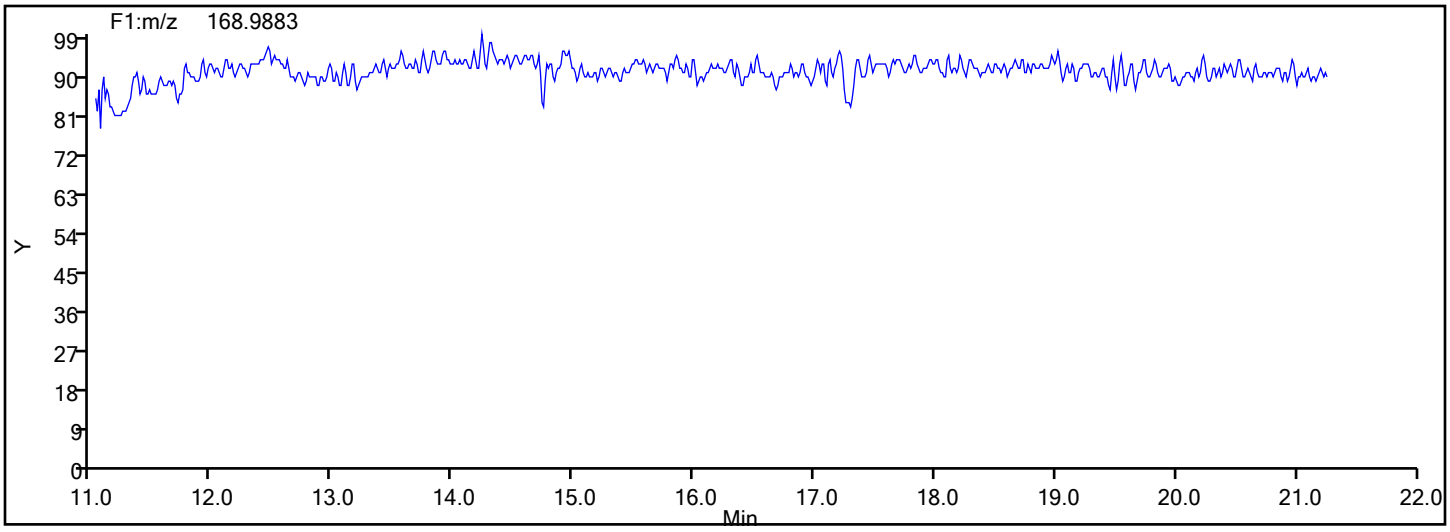
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Eurofins Knoxville

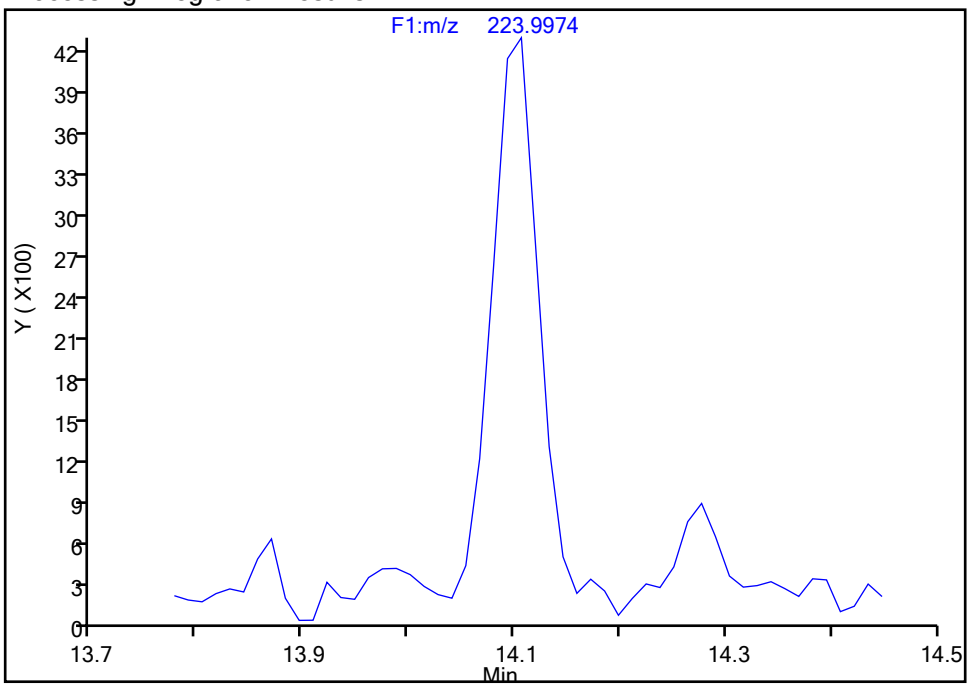
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-4, CAS: 13029-08-8

Signal: 2

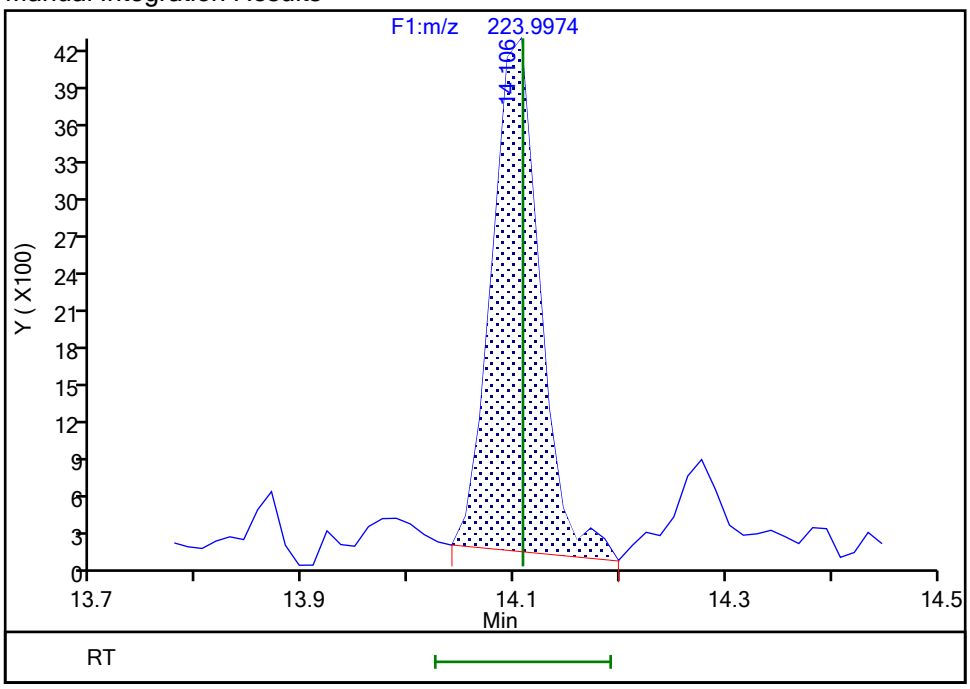
Not Detected
Expected RT: 14.11

Processing Integration Results



Manual Integration Results

RT: 14.11
Area: 12973
Amount: 0.878864
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:56:10 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

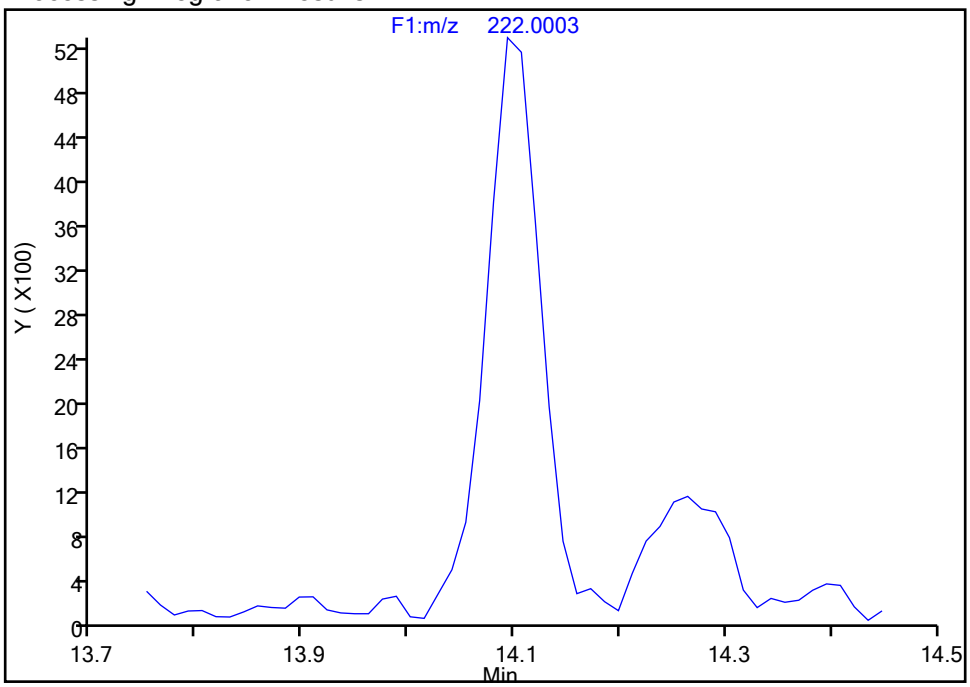
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-4, CAS: 13029-08-8

Signal: 1

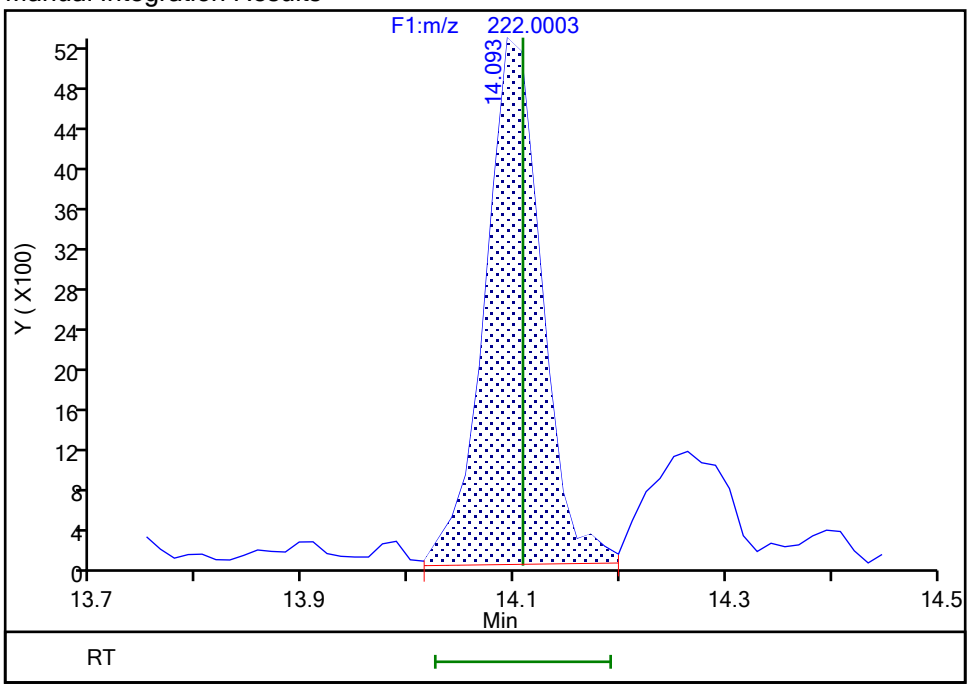
Processing Integration Results

Not Detected
Expected RT: 14.11



Manual Integration Results

RT: 14.09
Area: 19151
Amount: 0.878864
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:56:18 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

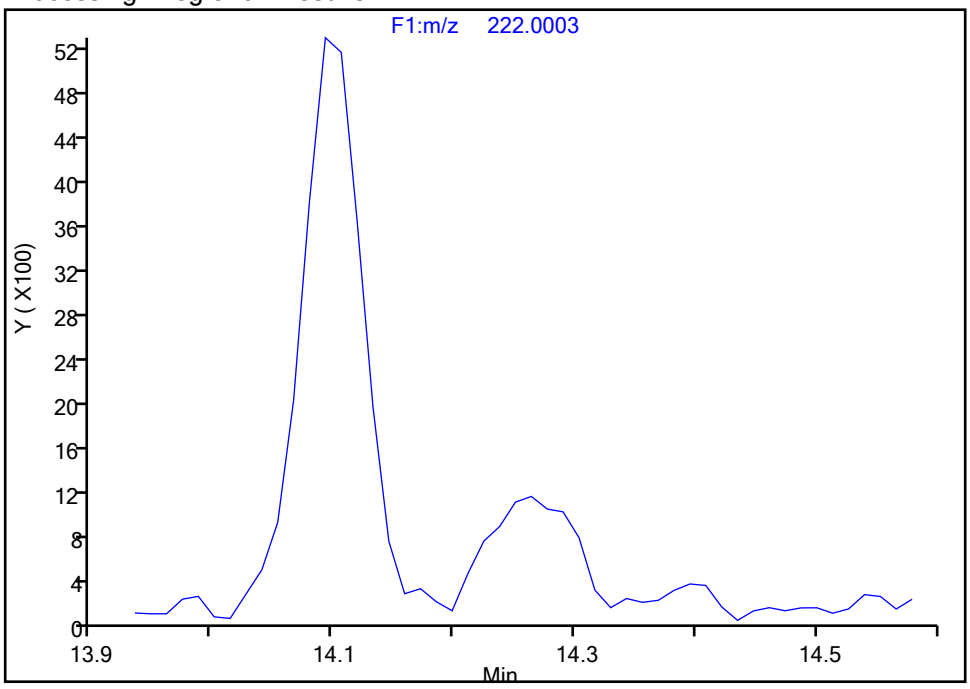
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-10, CAS: 33146-45-1

Signal: 1

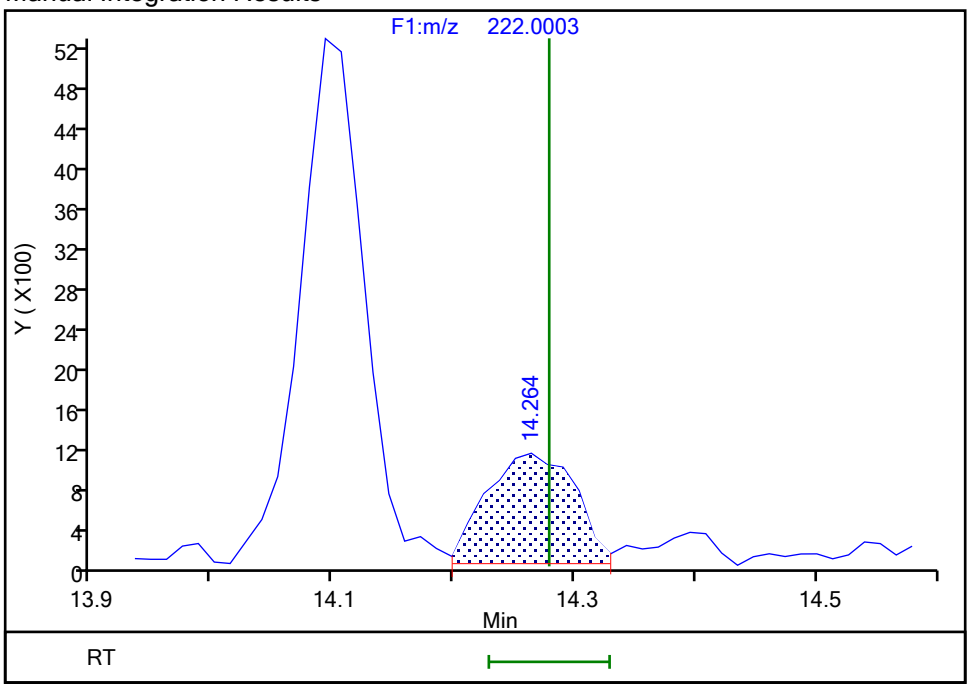
Not Detected
Expected RT: 14.28

Processing Integration Results



Manual Integration Results

RT: 14.26
Area: 5486
Amount: 0.172115
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:56:30 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

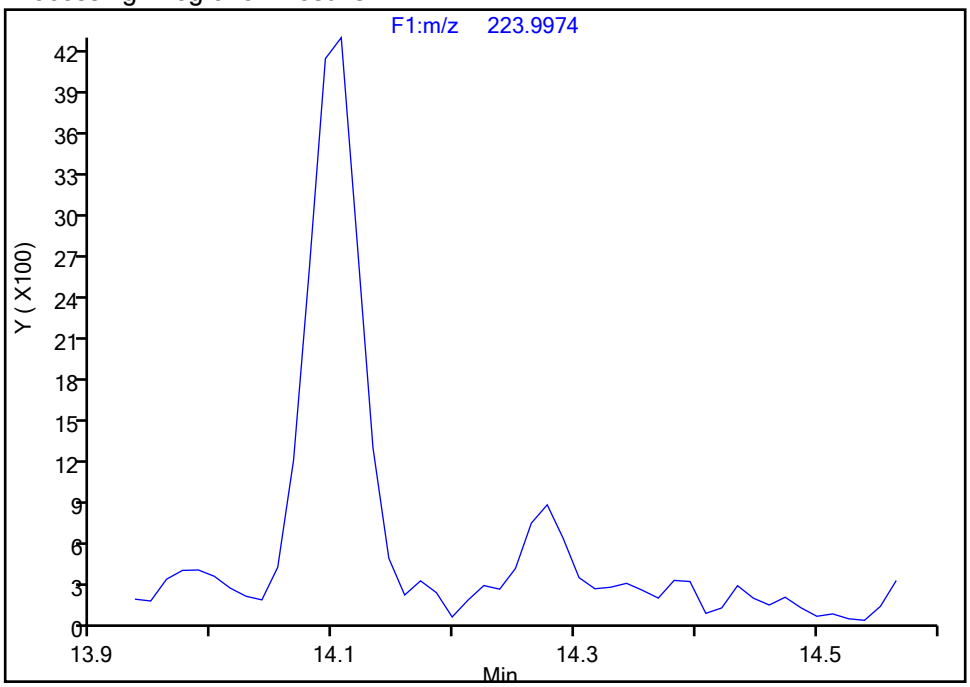
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-10, CAS: 33146-45-1

Signal: 2

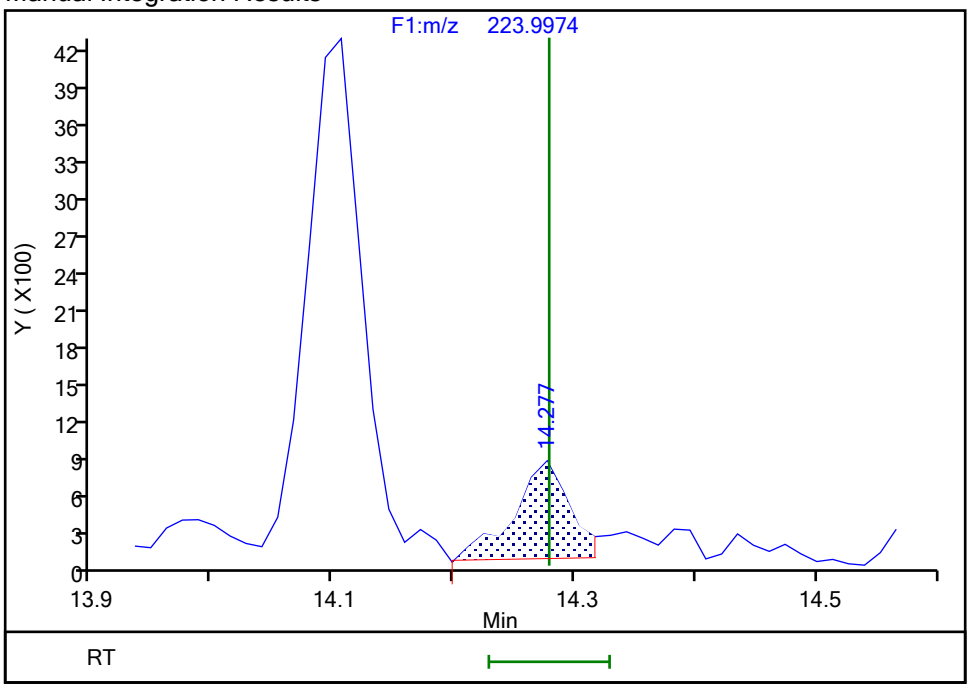
Not Detected
Expected RT: 14.28

Processing Integration Results



Manual Integration Results

RT: 14.28
Area: 2462
Amount: 0.172115
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:56:30 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

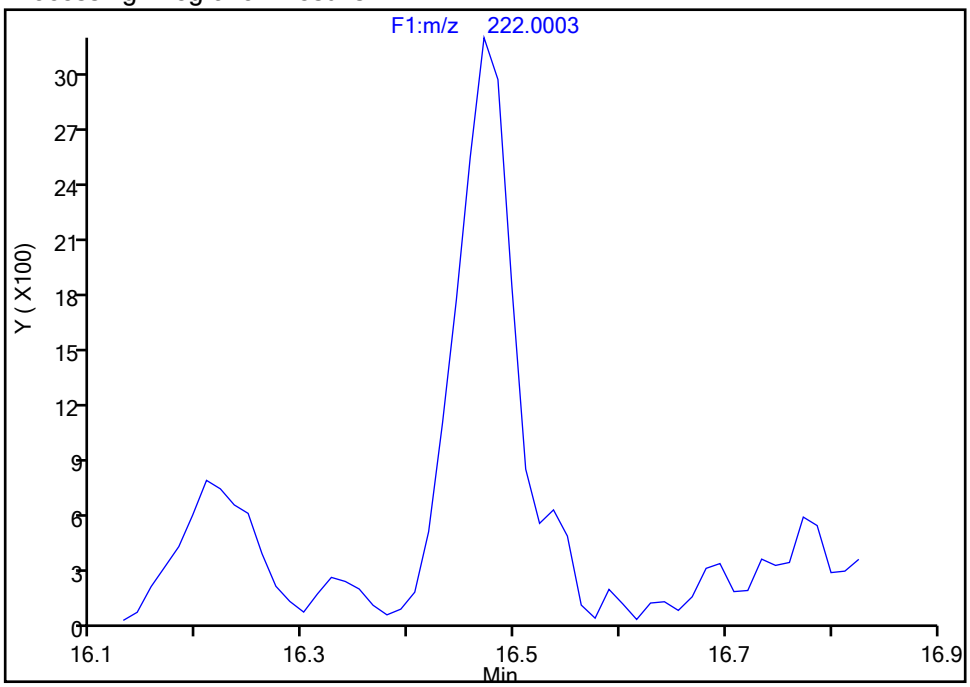
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-6, CAS: 25569-80-6

Signal: 1

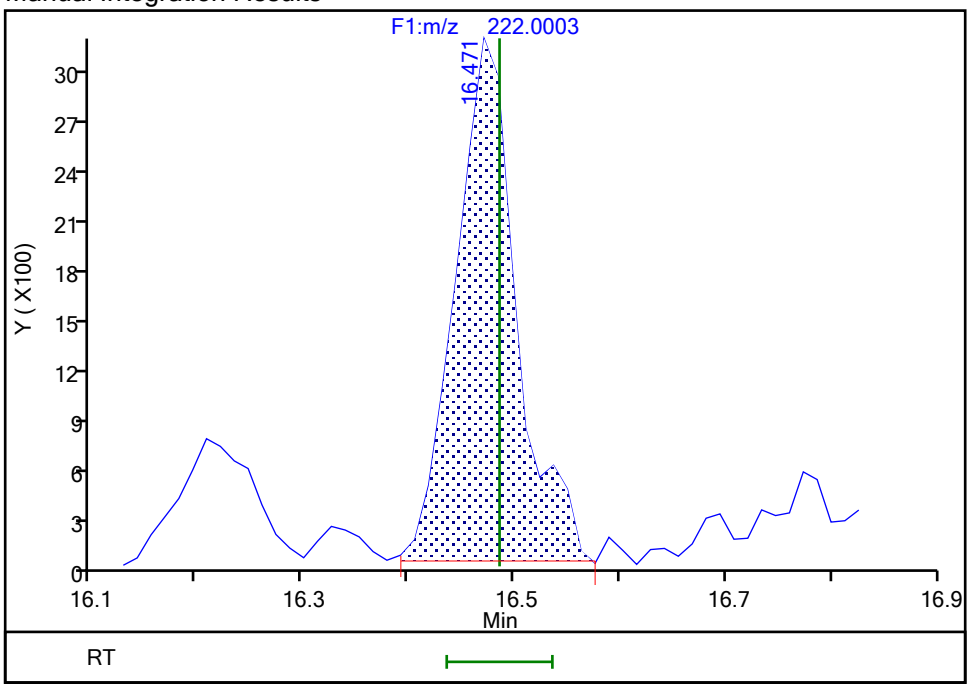
Not Detected
Expected RT: 16.49

Processing Integration Results



Manual Integration Results

RT: 16.47
Area: 12604
Amount: 0.341466
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:56:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

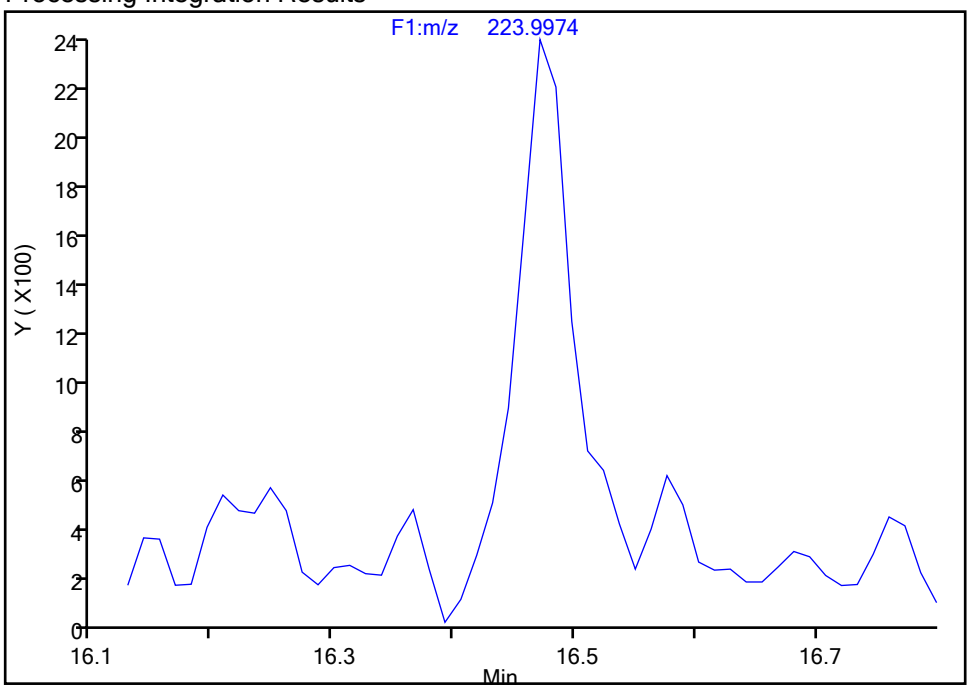
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-6, CAS: 25569-80-6

Signal: 2

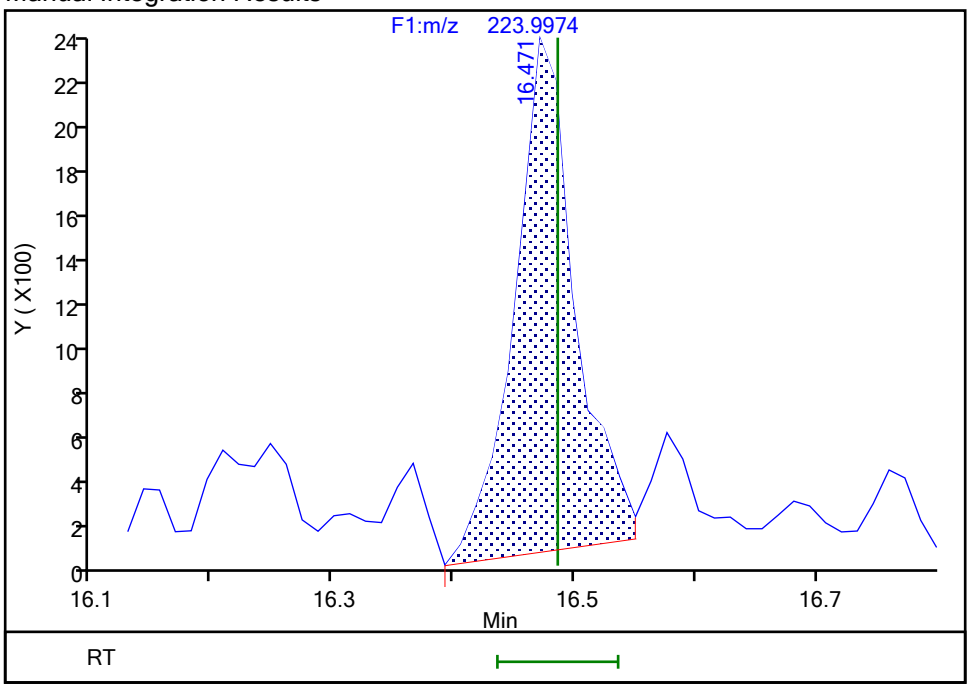
Not Detected
Expected RT: 16.49

Processing Integration Results



Manual Integration Results

RT: 16.47
Area: 7835
Amount: 0.341466
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:56:45 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

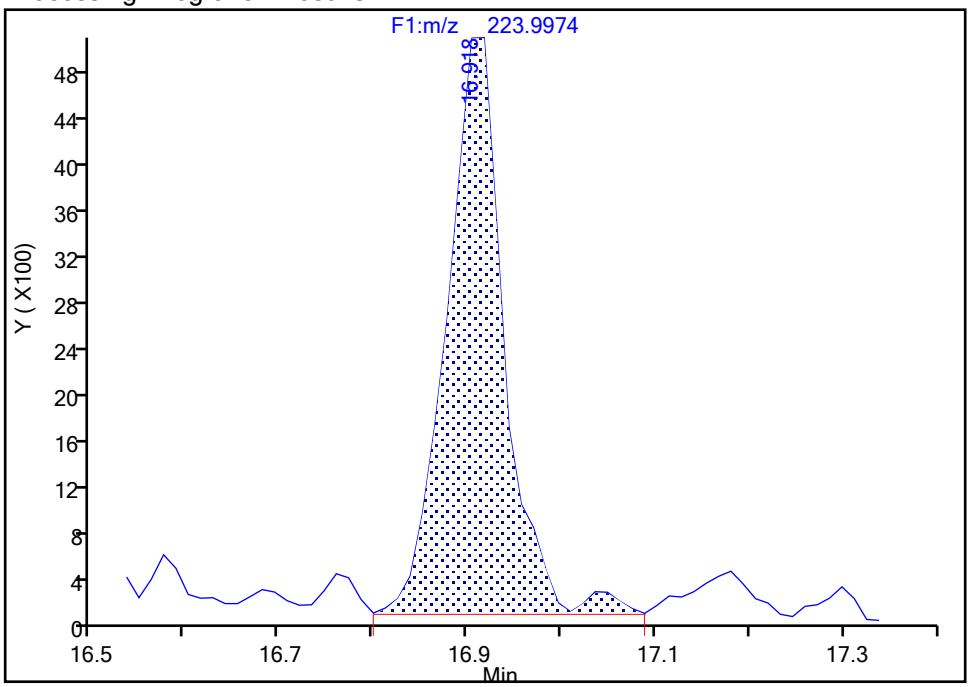
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-8, CAS: 34883-43-7

Signal: 2

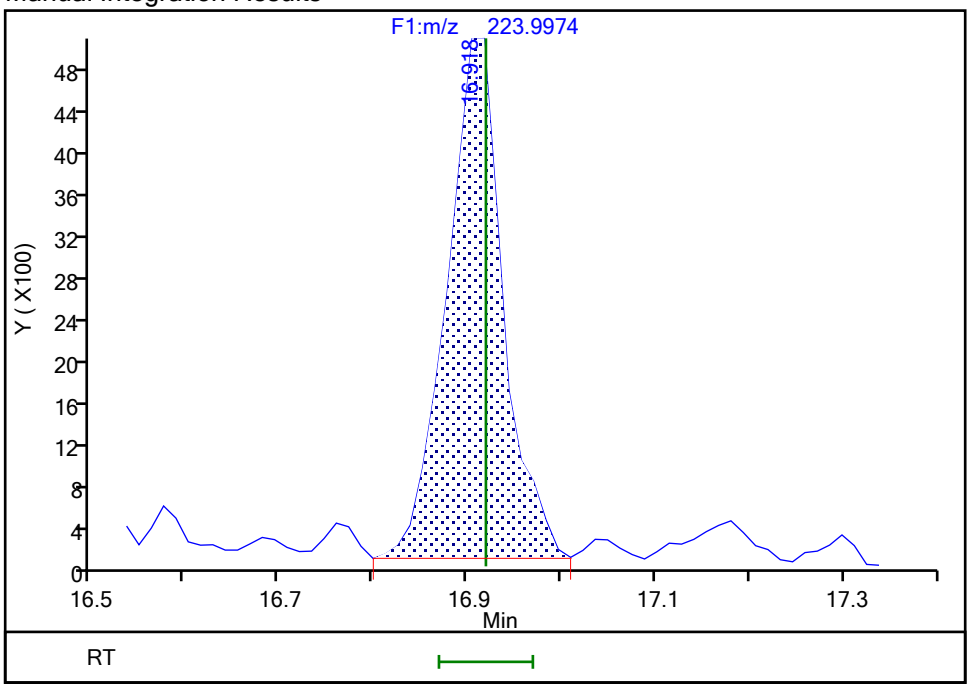
Processing Integration Results

RT: 16.92
Area: 21310
Amount: 0.911915
Amount Units: pg/ul



Manual Integration Results

RT: 16.92
Area: 20832
Amount: 0.873817
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:56:59 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

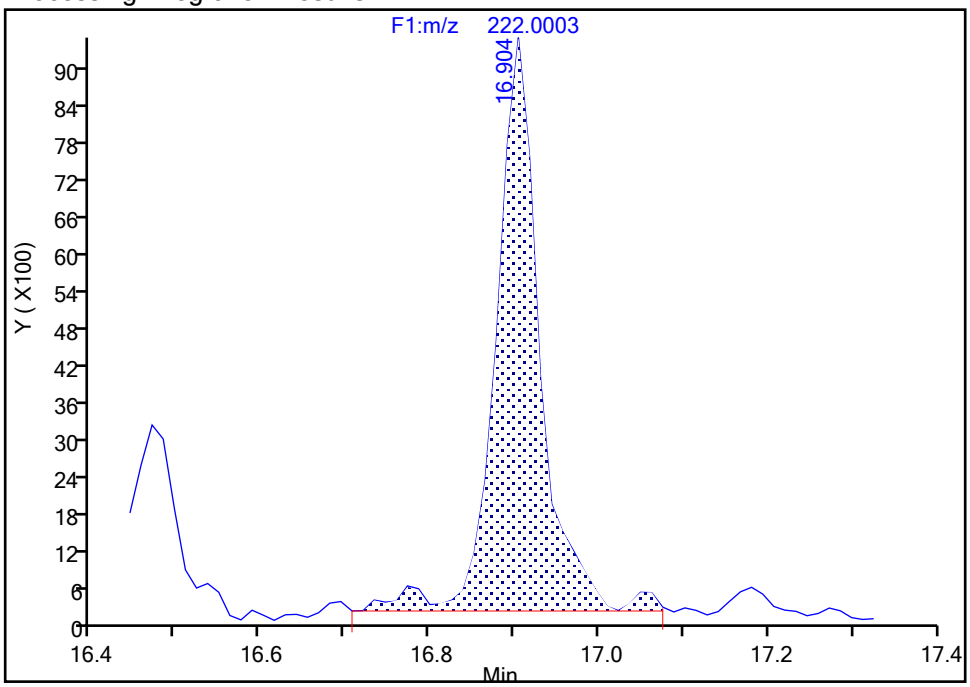
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-8, CAS: 34883-43-7

Signal: 1

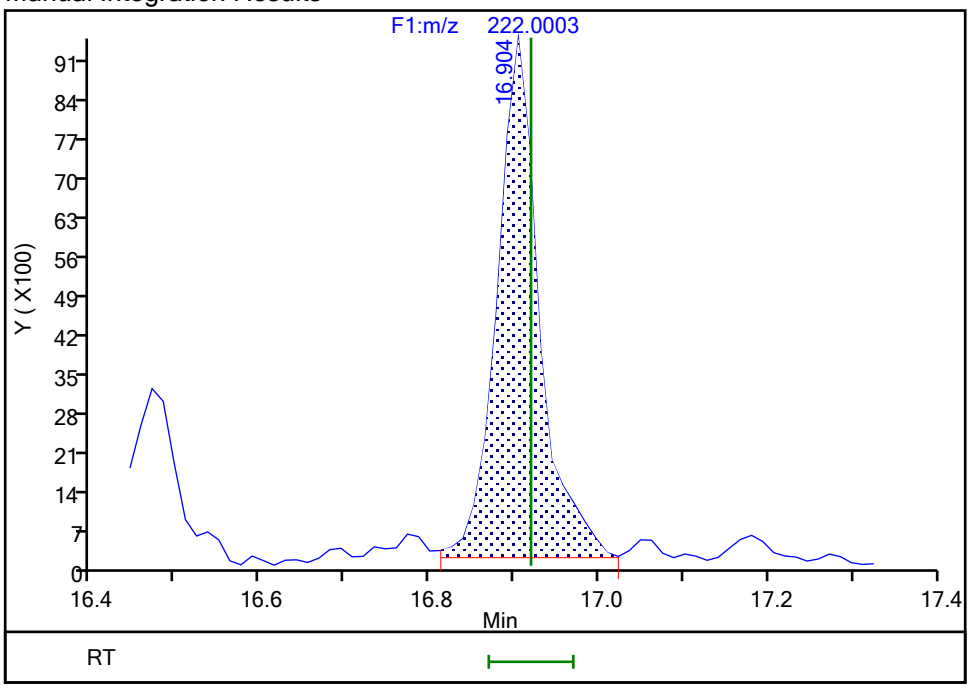
Processing Integration Results

RT: 16.90
Area: 34173
Amount: 0.911915
Amount Units: pg/ul



Manual Integration Results

RT: 16.90
Area: 32333
Amount: 0.873817
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:57:02 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

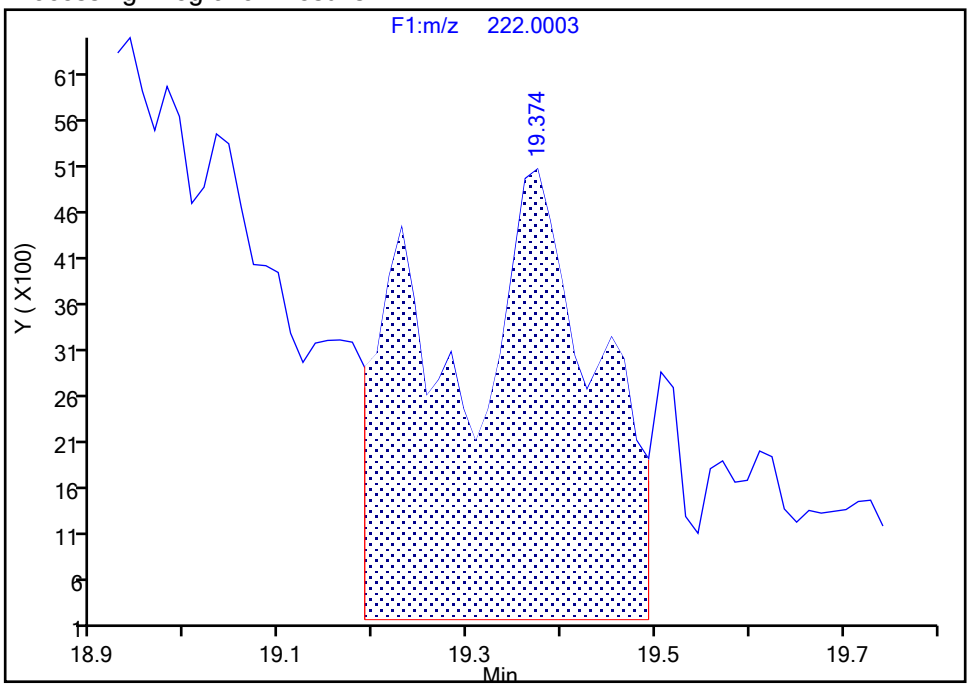
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 1

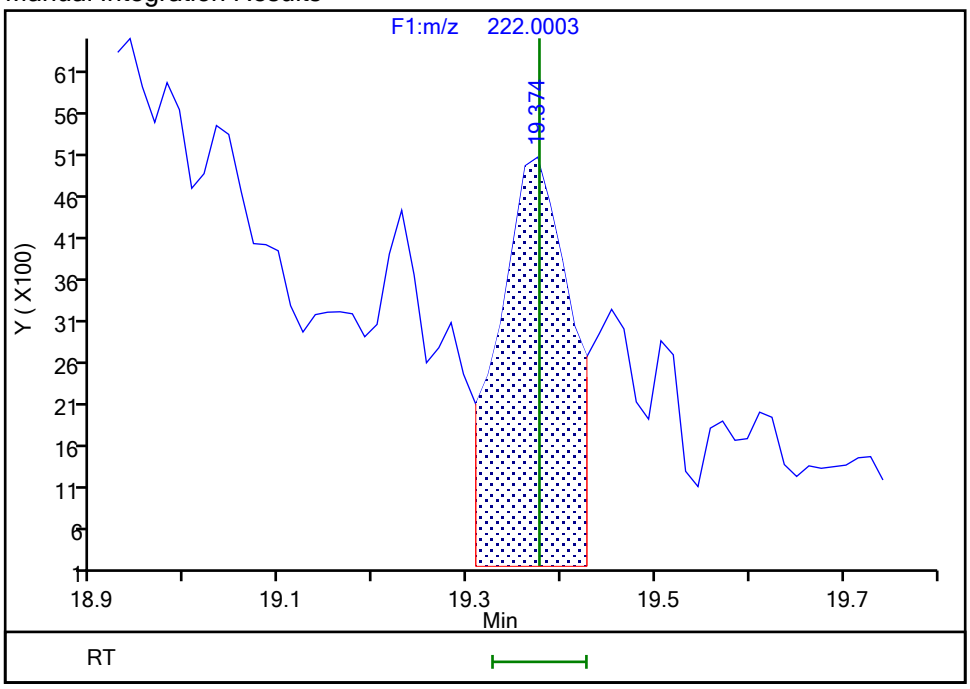
Processing Integration Results

RT: 19.37
Area: 55961
Amount: 1.401117
Amount Units: pg/ul



Manual Integration Results

RT: 19.37
Area: 24884
Amount: 0.710431
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:57:27 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

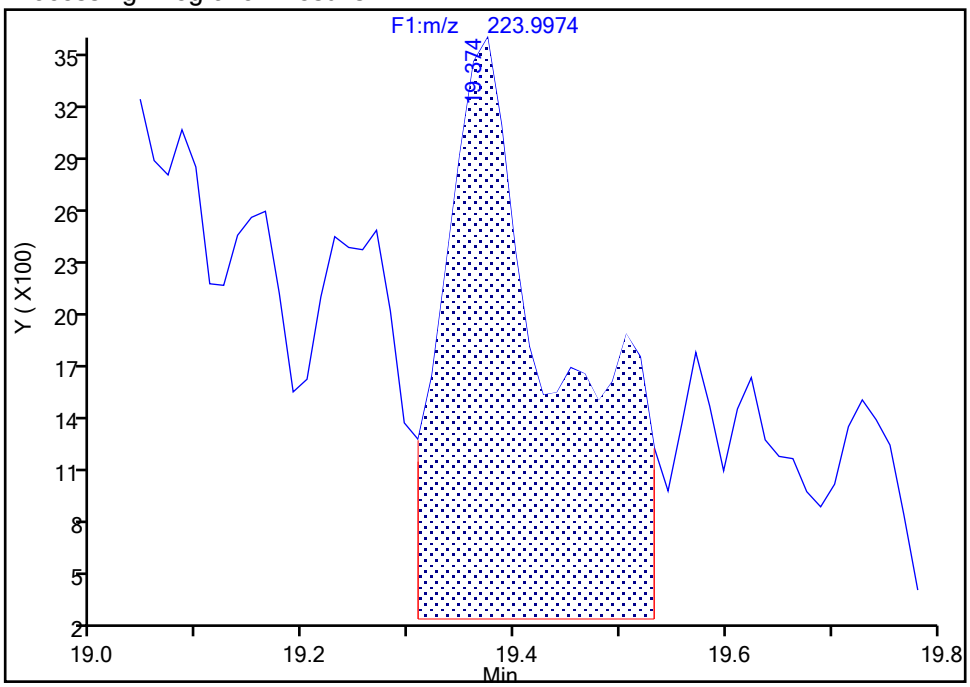
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 2

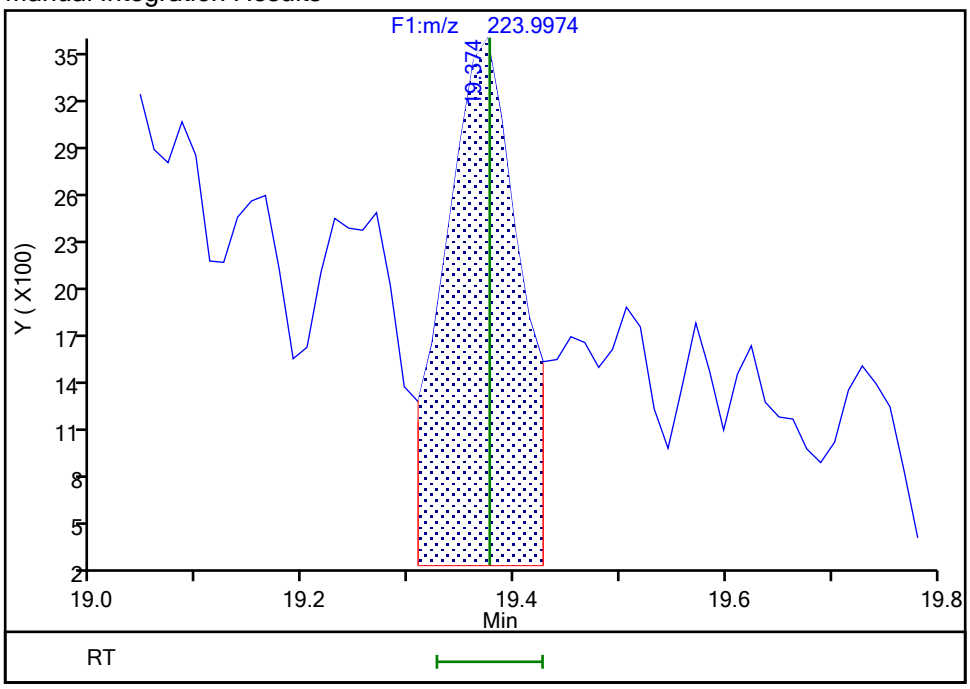
Processing Integration Results

RT: 19.37
Area: 24862
Amount: 1.401117
Amount Units: pg/ul



Manual Integration Results

RT: 19.37
Area: 16097
Amount: 0.710431
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:57:29 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

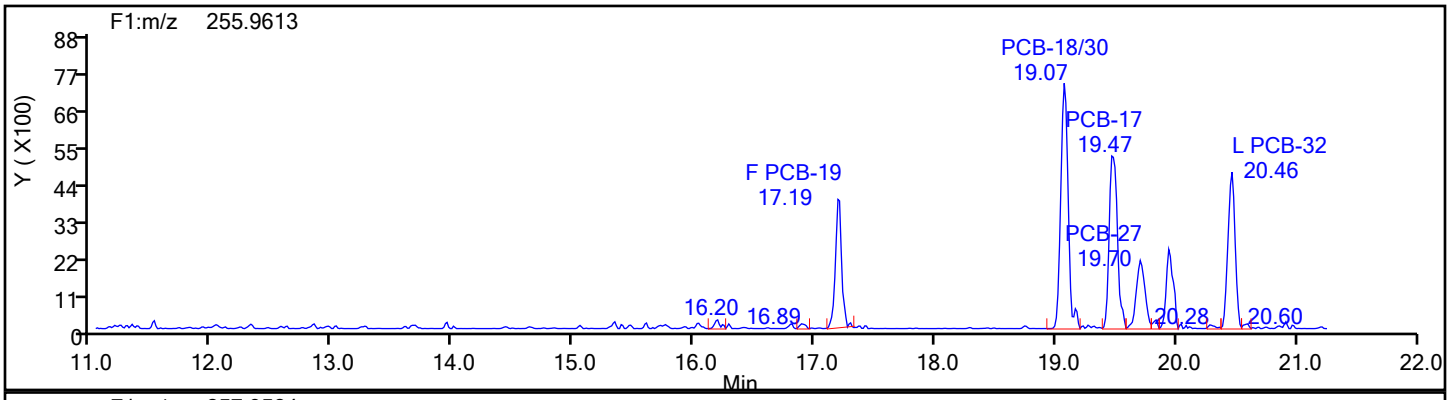
Report Date: 04-Jan-2024 23:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

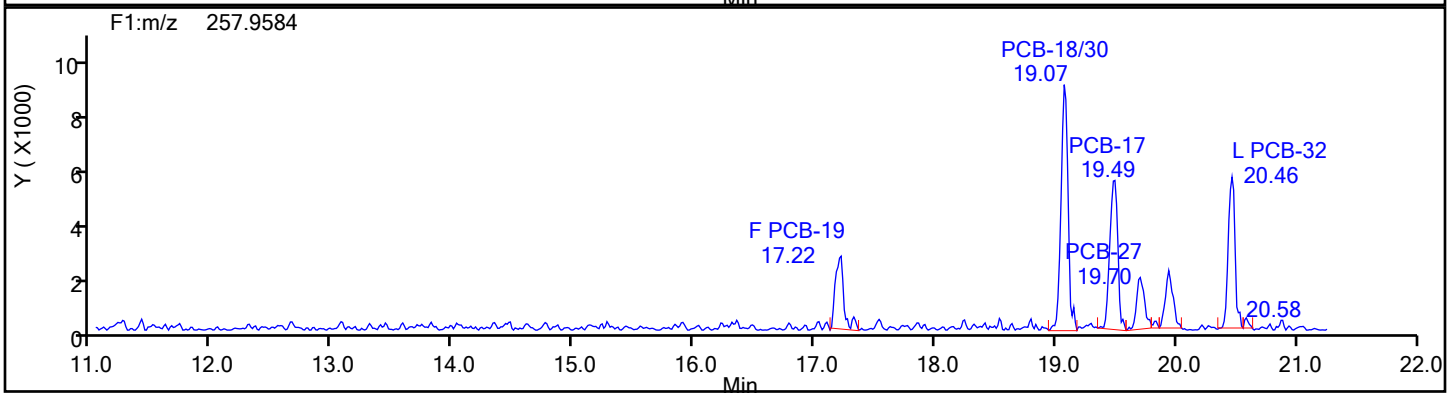
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

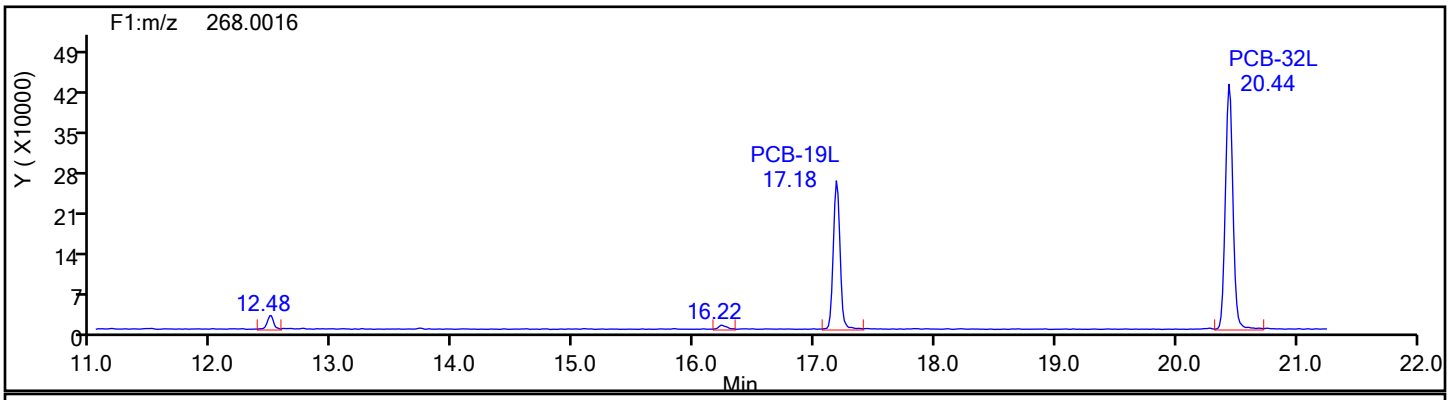
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

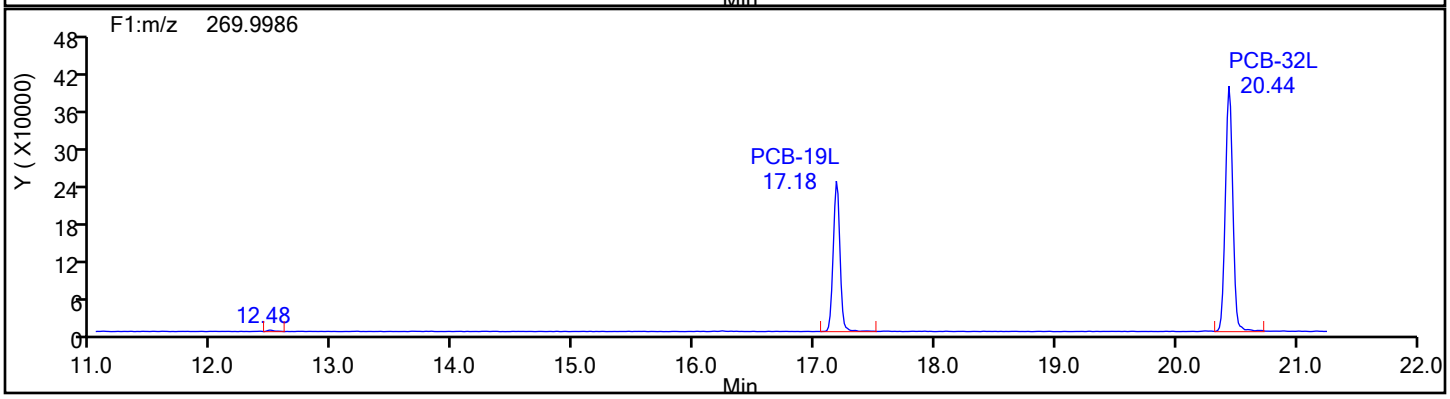
TriPCB F1





TriPCB F1 Standards



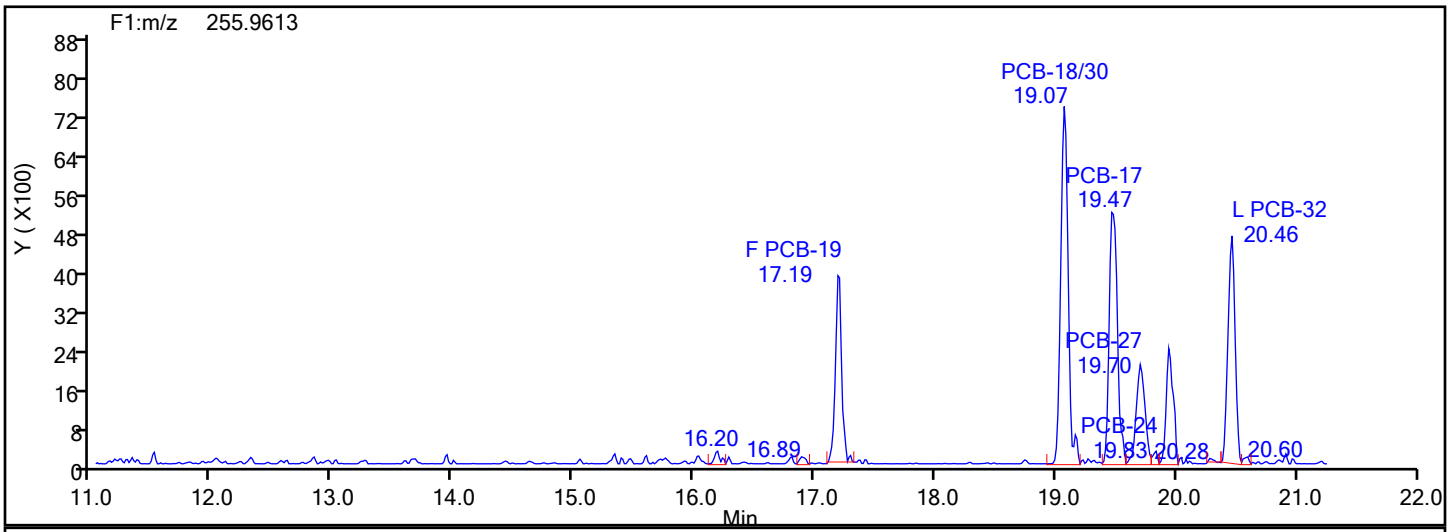


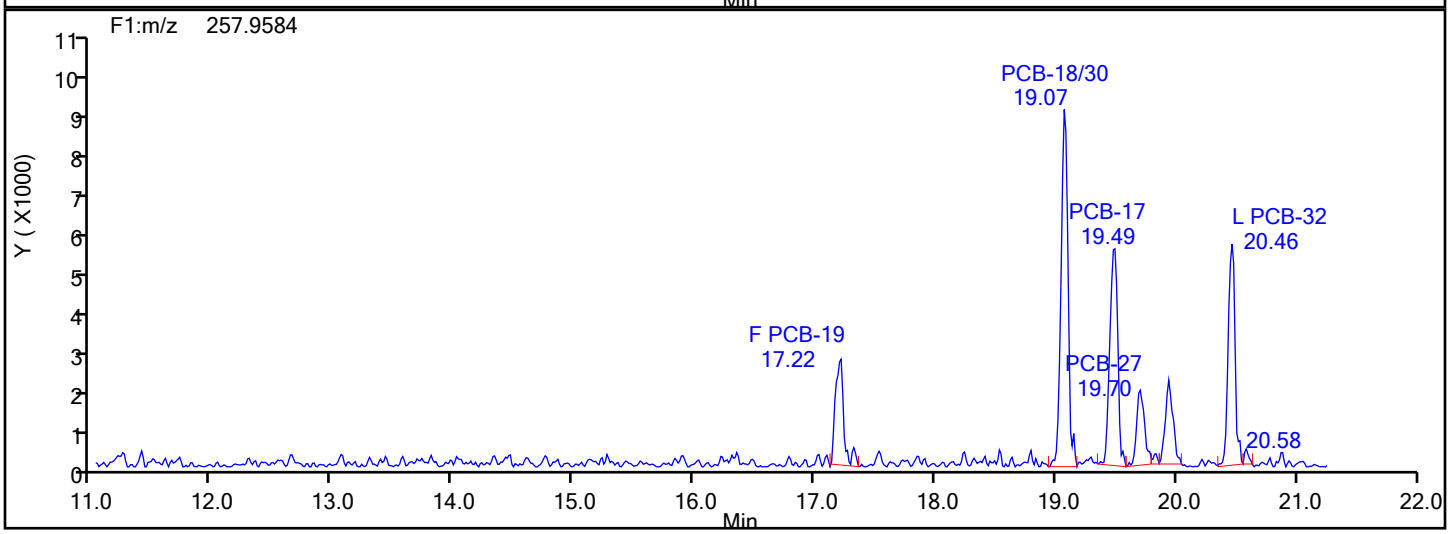
Report Date: 04-Jan-2024 23:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

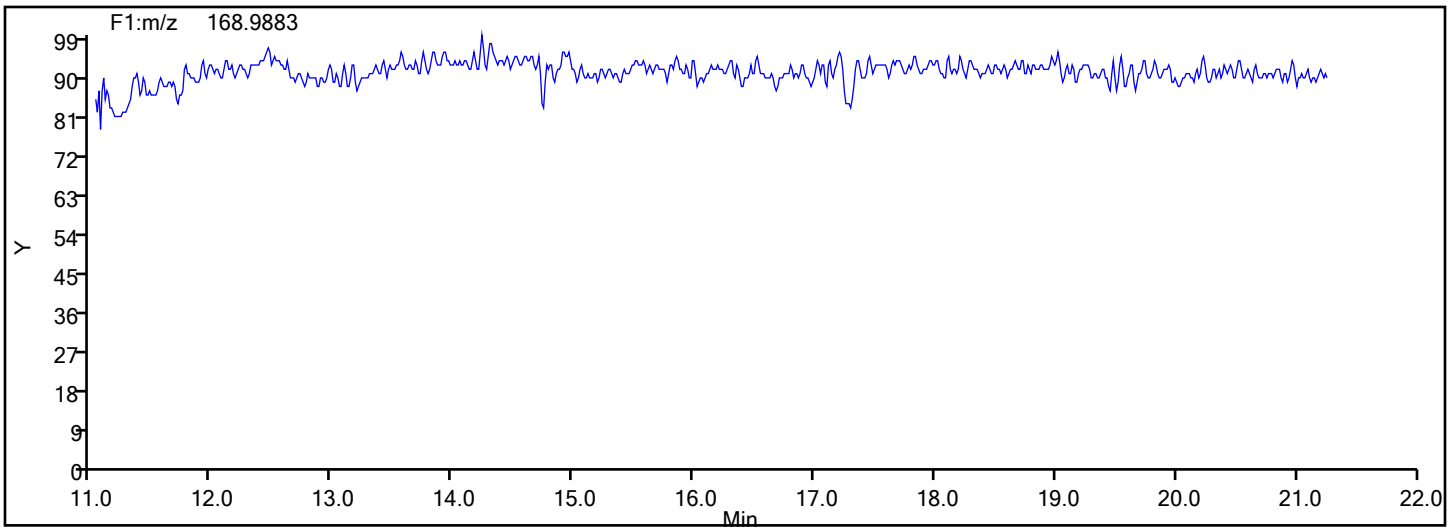
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Injection Date: 04-Jan-2024 16:03:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02-DUP
Worklist#: 82009 Sample Line#: 8
Column Type: Column Dia:

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

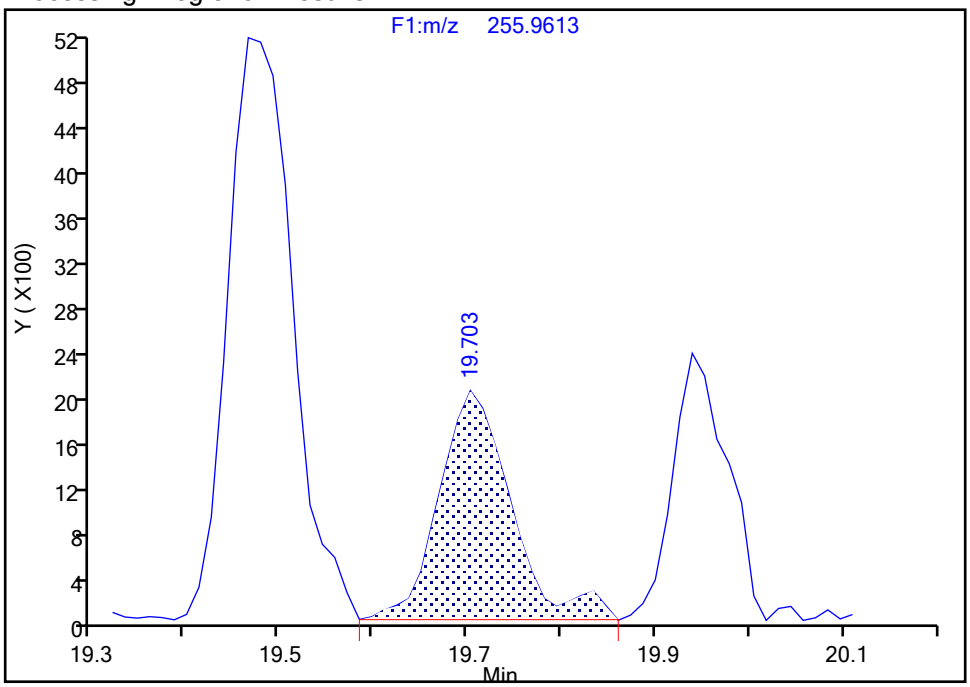
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-27, CAS: 38444-76-7

Signal: 1

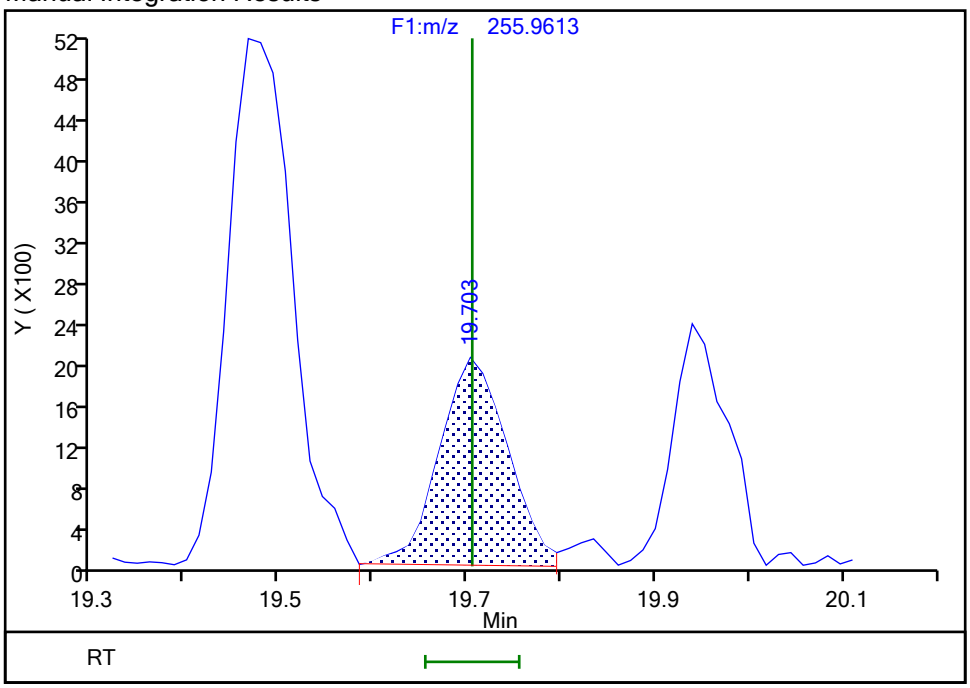
Processing Integration Results

RT: 19.70
Area: 10890
Amount: 0.592278
Amount Units: pg/ul



Manual Integration Results

RT: 19.70
Area: 10235
Amount: 0.554158
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:57:45 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

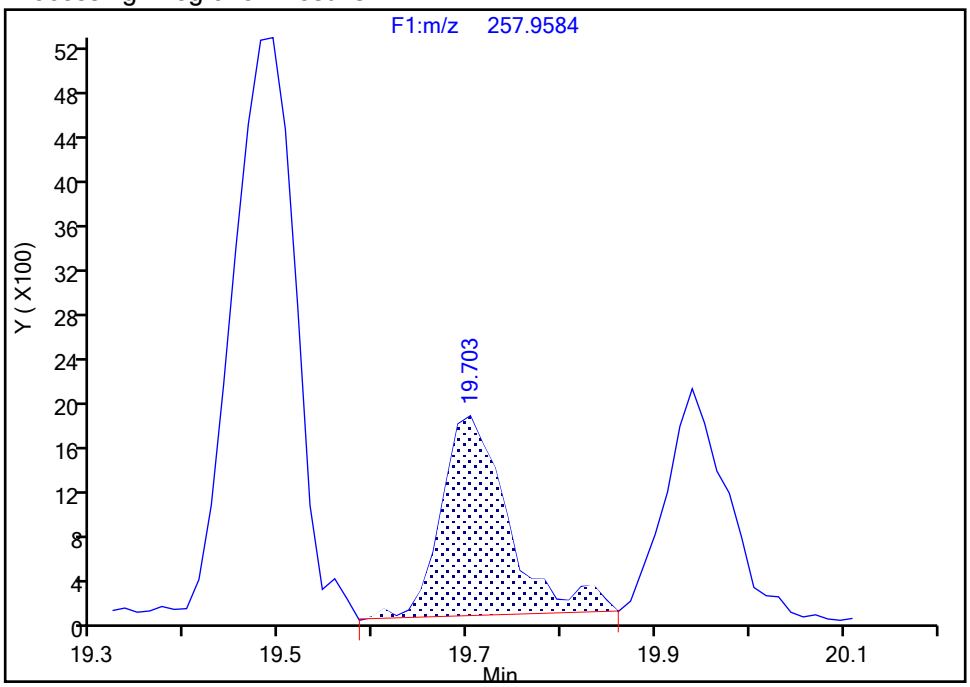
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-27, CAS: 38444-76-7

Signal: 2

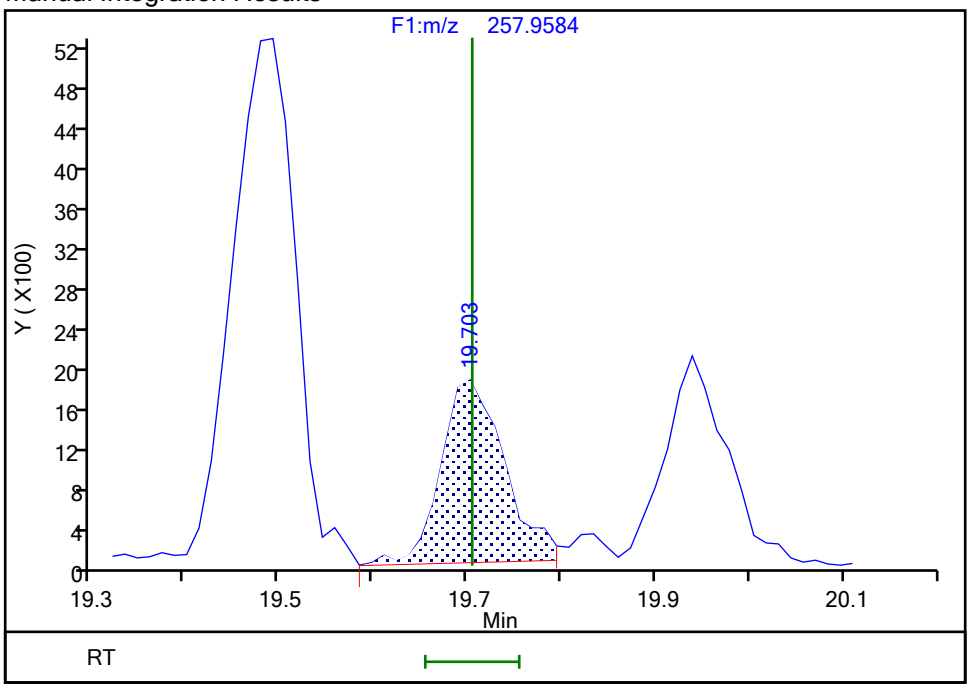
Processing Integration Results

RT: 19.70
Area: 8982
Amount: 0.592278
Amount Units: pg/ul



Manual Integration Results

RT: 19.70
Area: 8358
Amount: 0.554158
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:57:47 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

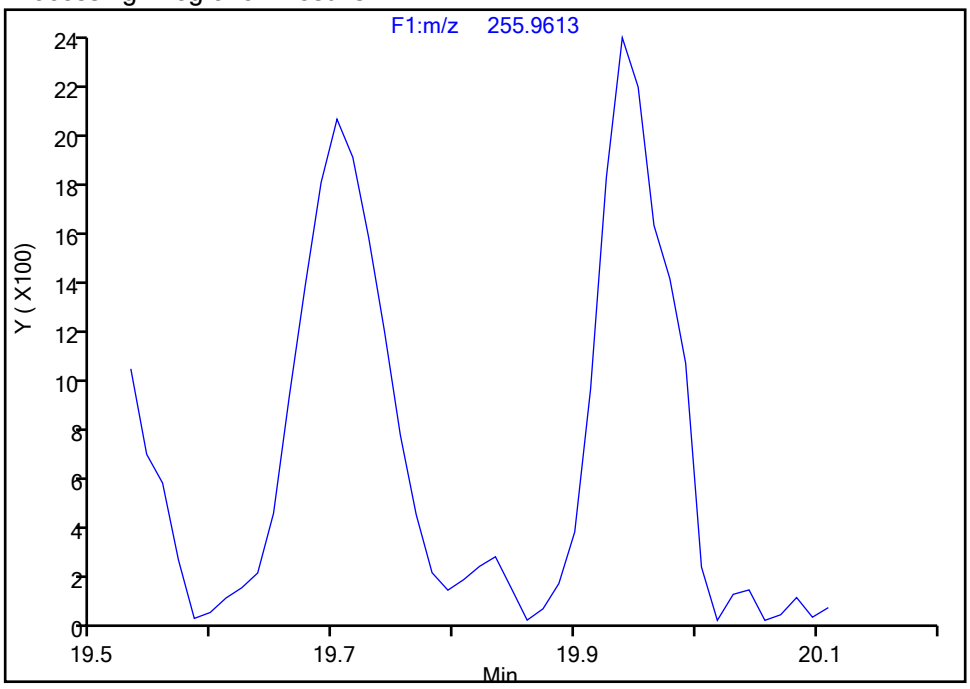
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-24, CAS: 55702-45-9

Signal: 1

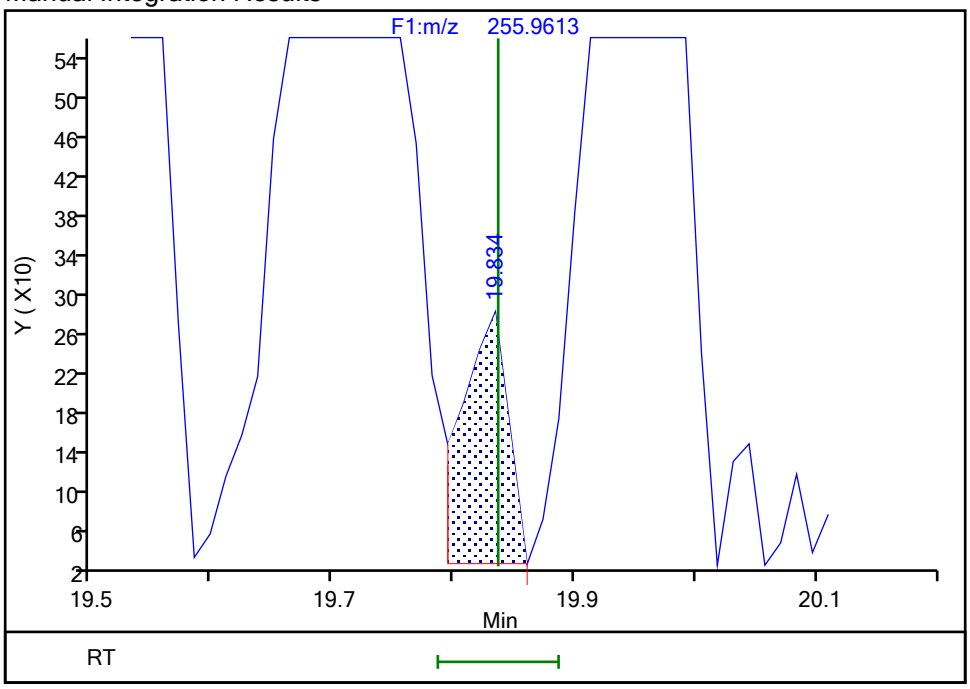
Not Detected
Expected RT: 19.84

Processing Integration Results



Manual Integration Results

RT: 19.83
Area: 654
Amount: 0.036783
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:57:59 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

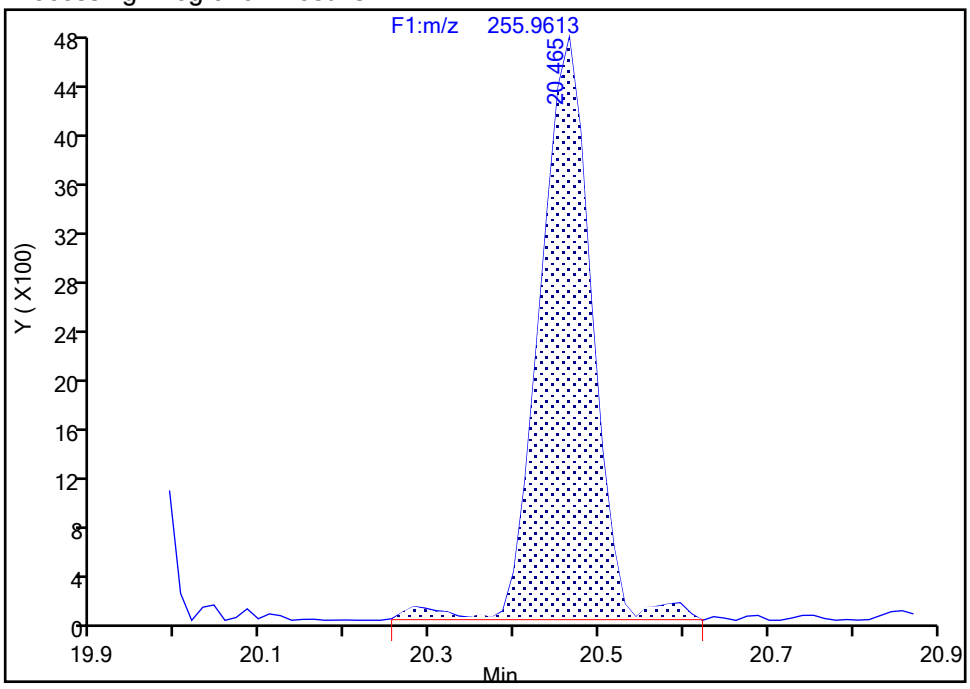
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-32, CAS: 38444-77-8

Signal: 1

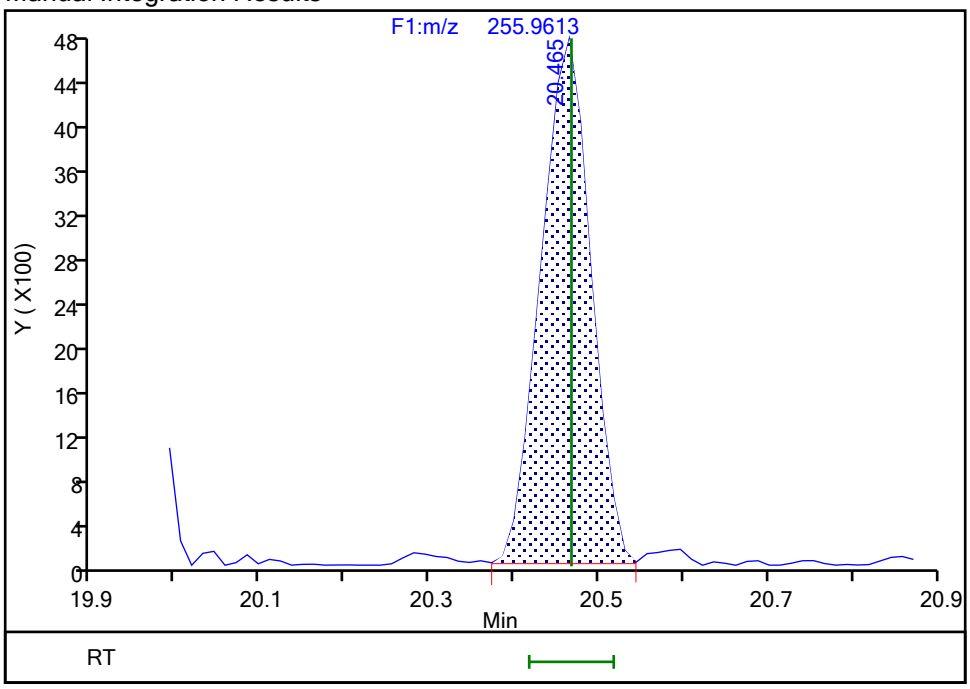
Processing Integration Results

RT: 20.46
Area: 20171
Amount: 1.091316
Amount Units: pg/ul



Manual Integration Results

RT: 20.46
Area: 19376
Amount: 1.046262
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:58:06 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

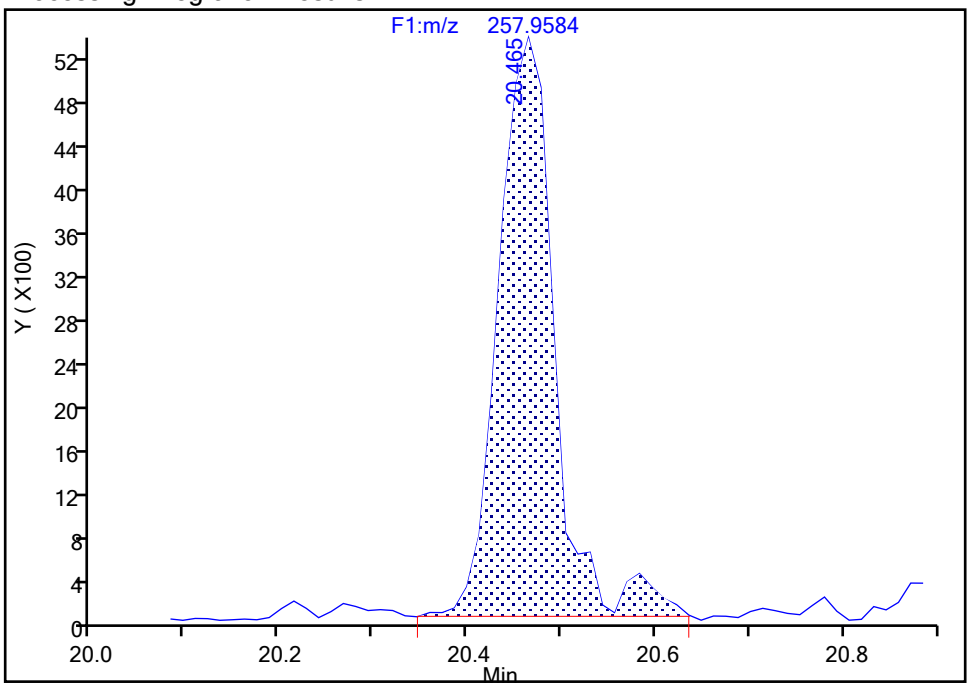
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-32, CAS: 38444-77-8

Signal: 2

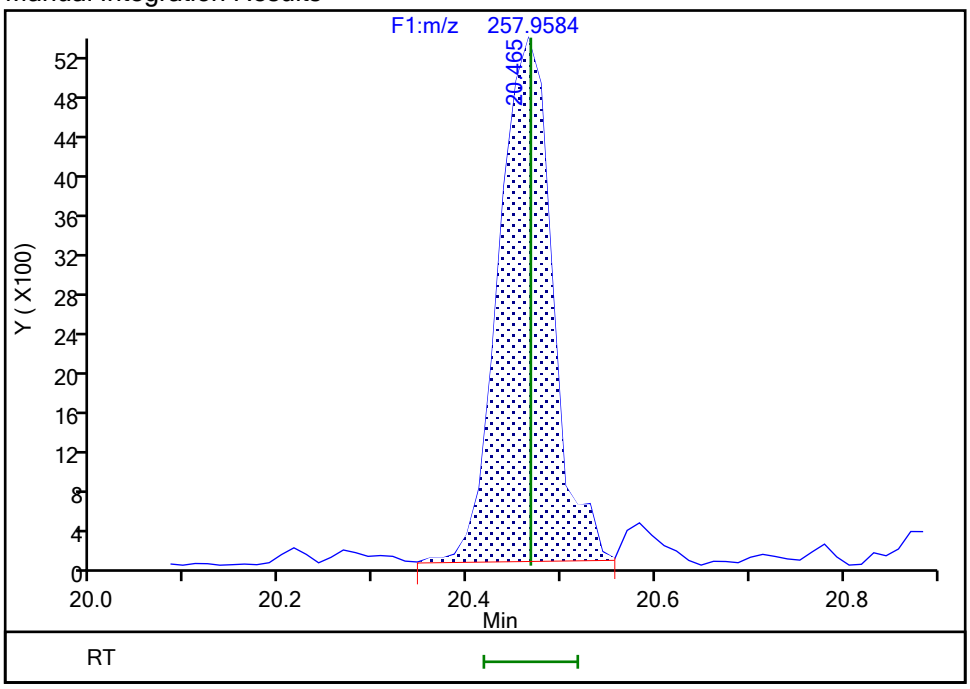
Processing Integration Results

RT: 20.46
Area: 21904
Amount: 1.091316
Amount Units: pg/ul



Manual Integration Results

RT: 20.46
Area: 20962
Amount: 1.046262
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:58:09 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

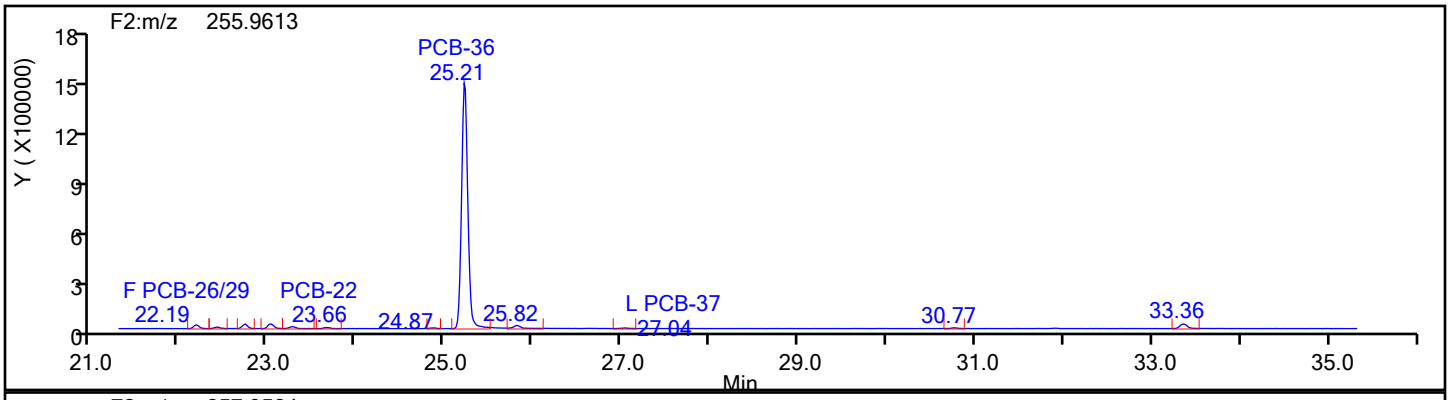
Report Date: 04-Jan-2024 23:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

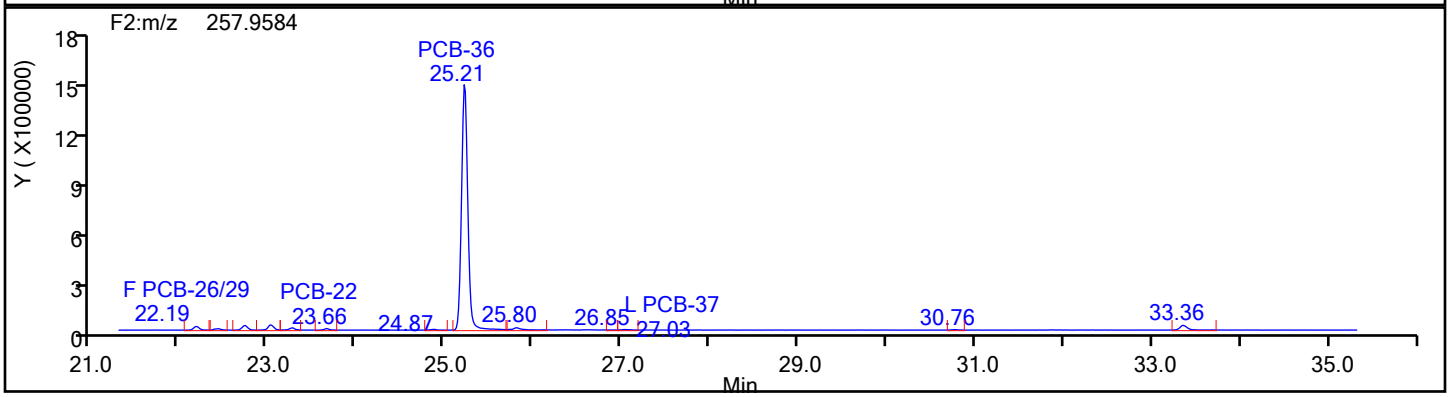
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

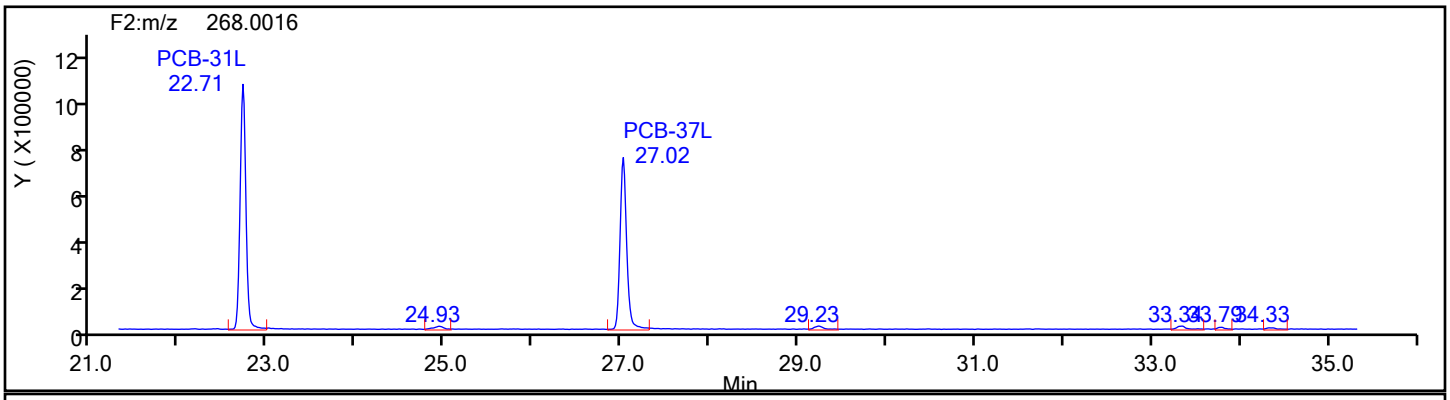
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

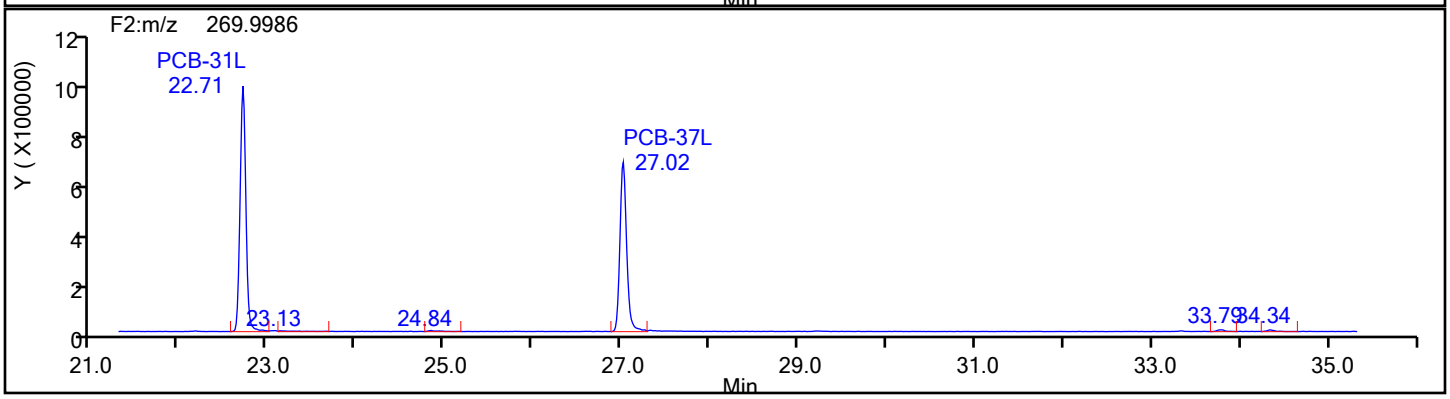
TriPCB F2





TriPCB F2 Standards



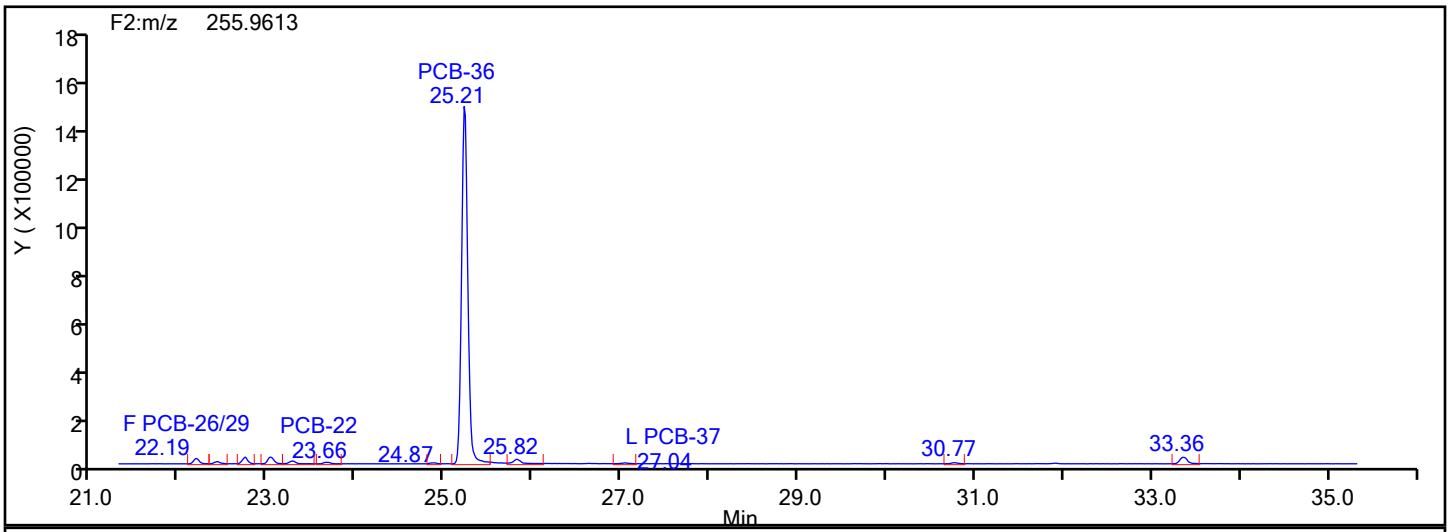


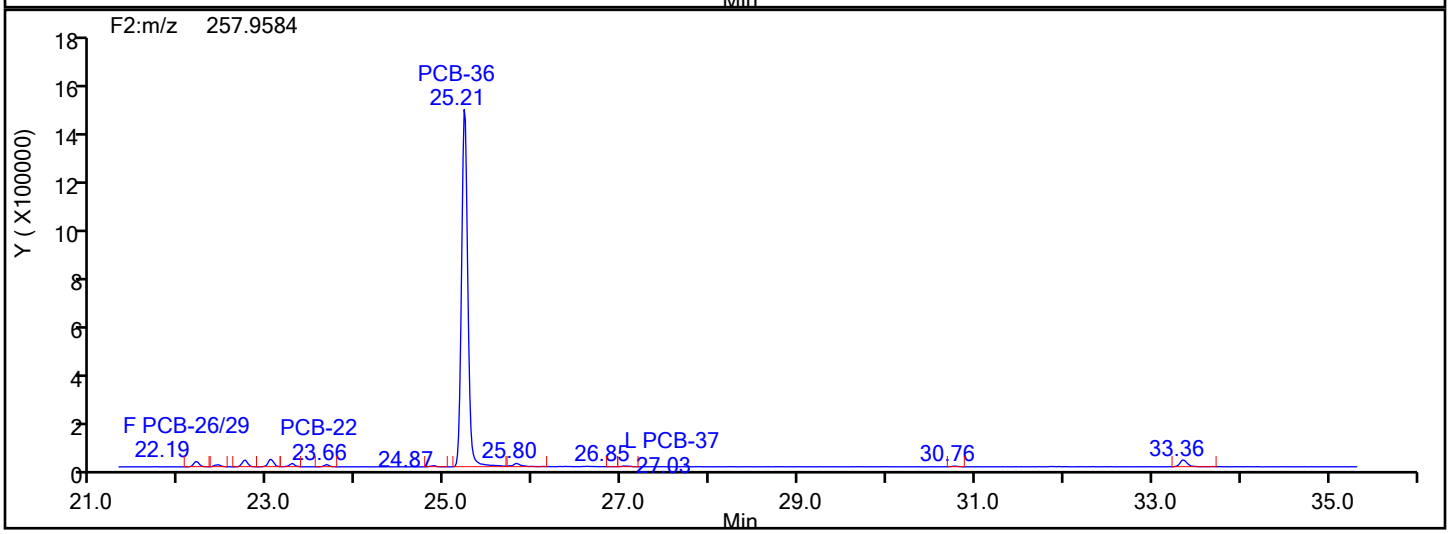
Report Date: 04-Jan-2024 23:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

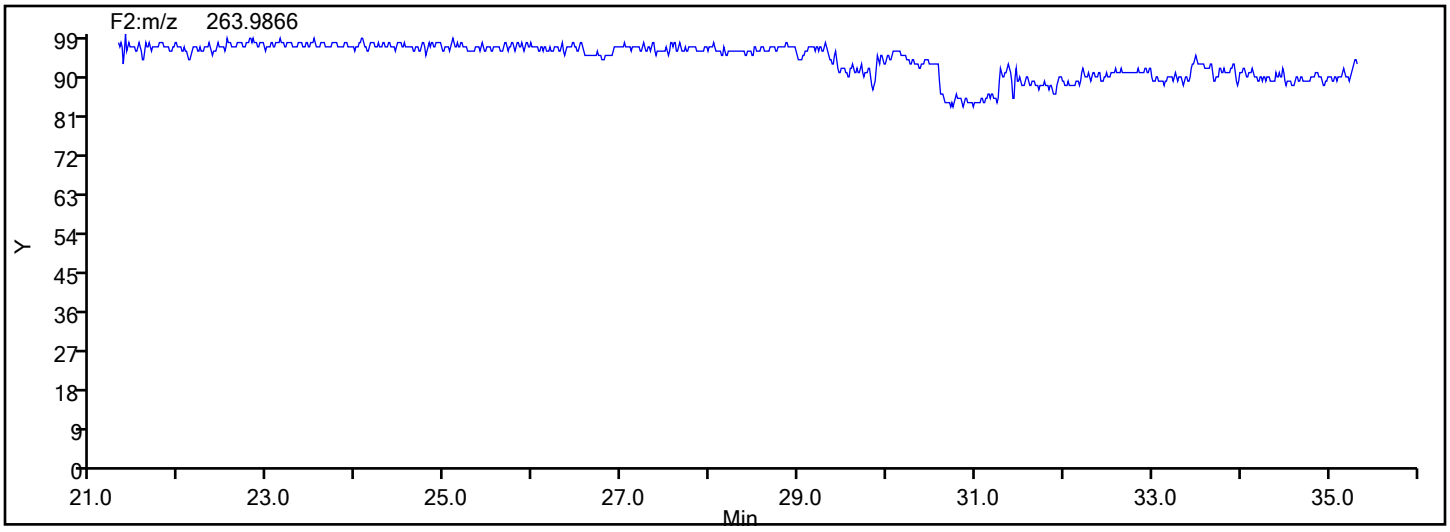
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

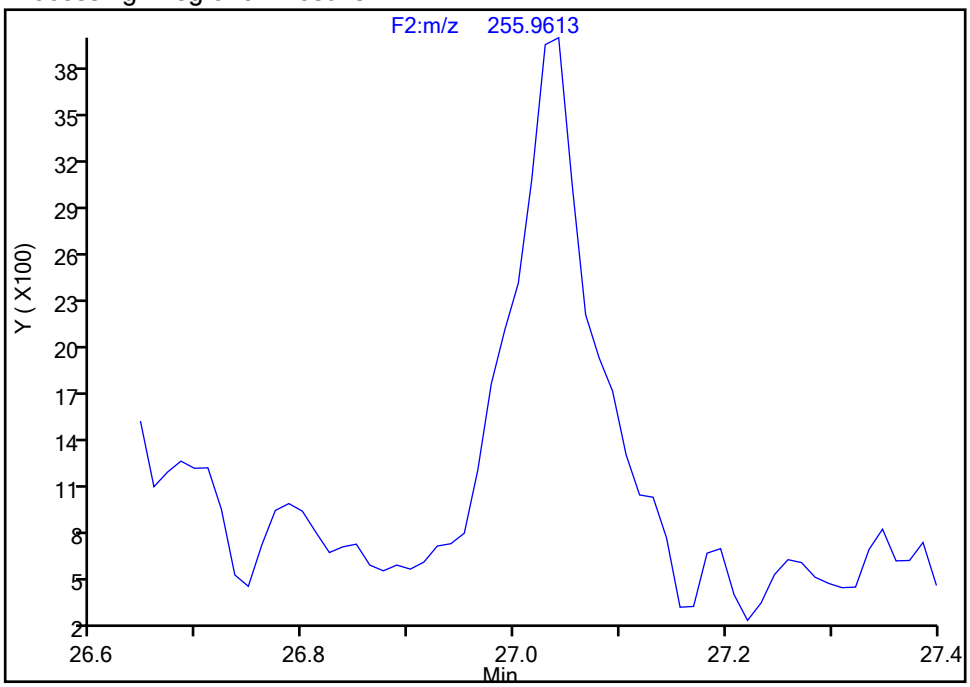
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-37, CAS: 38444-90-5

Signal: 1

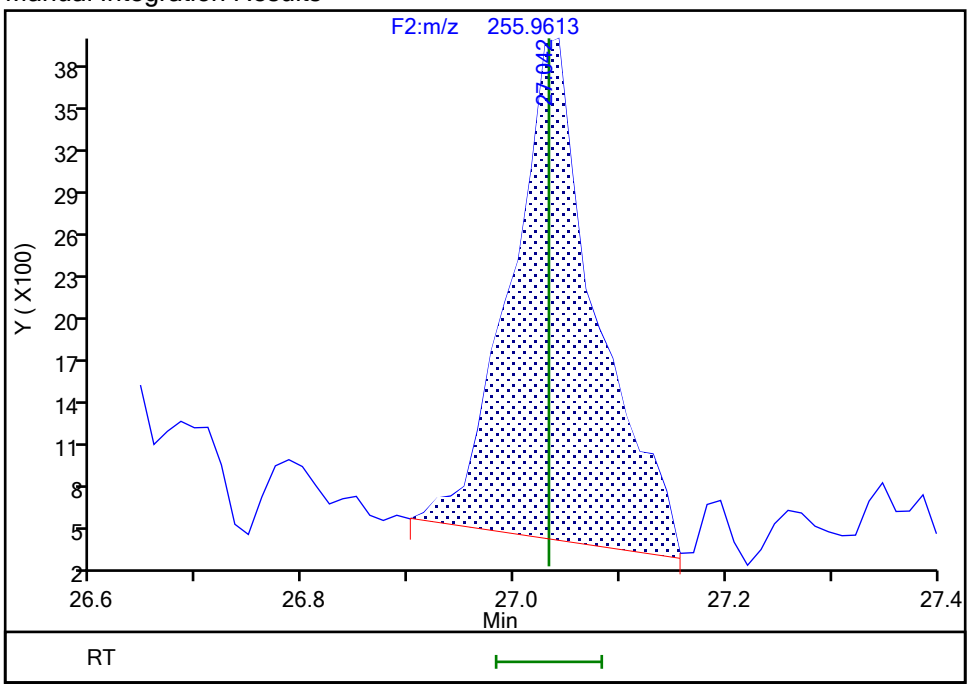
Not Detected
Expected RT: 27.03

Processing Integration Results



Manual Integration Results

RT: 27.04
Area: 20123
Amount: 0.489261
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:59:09 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

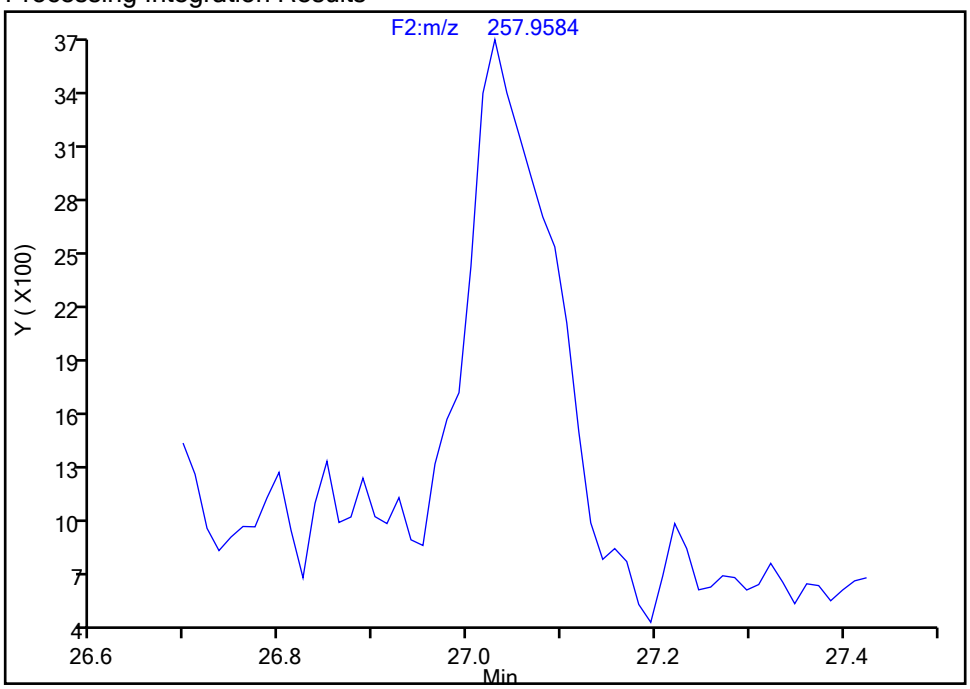
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-37, CAS: 38444-90-5

Signal: 2

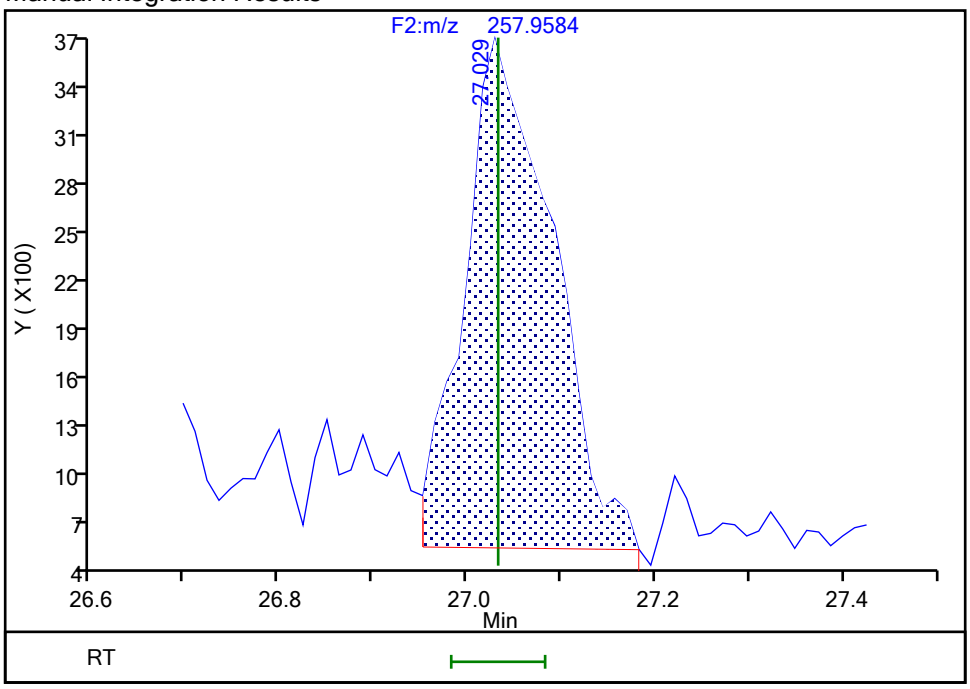
Not Detected
Expected RT: 27.03

Processing Integration Results



Manual Integration Results

RT: 27.03
Area: 20081
Amount: 0.489261
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:59:18 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

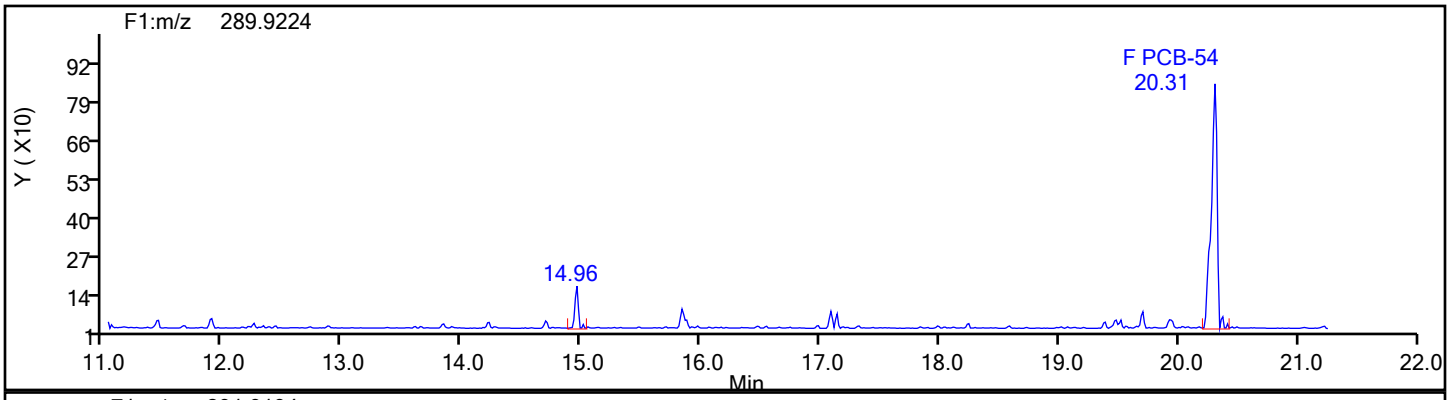
Report Date: 04-Jan-2024 23:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

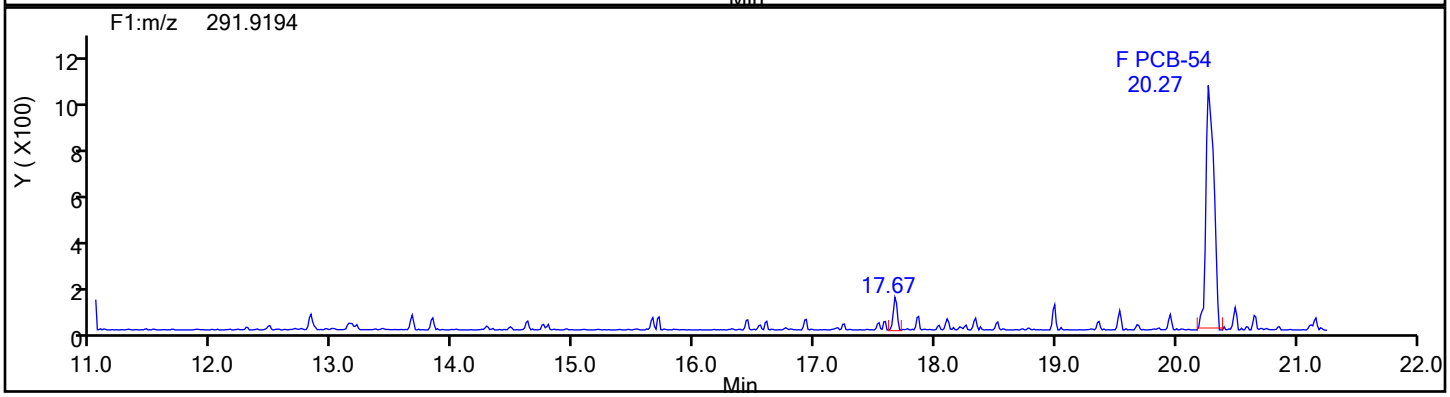
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

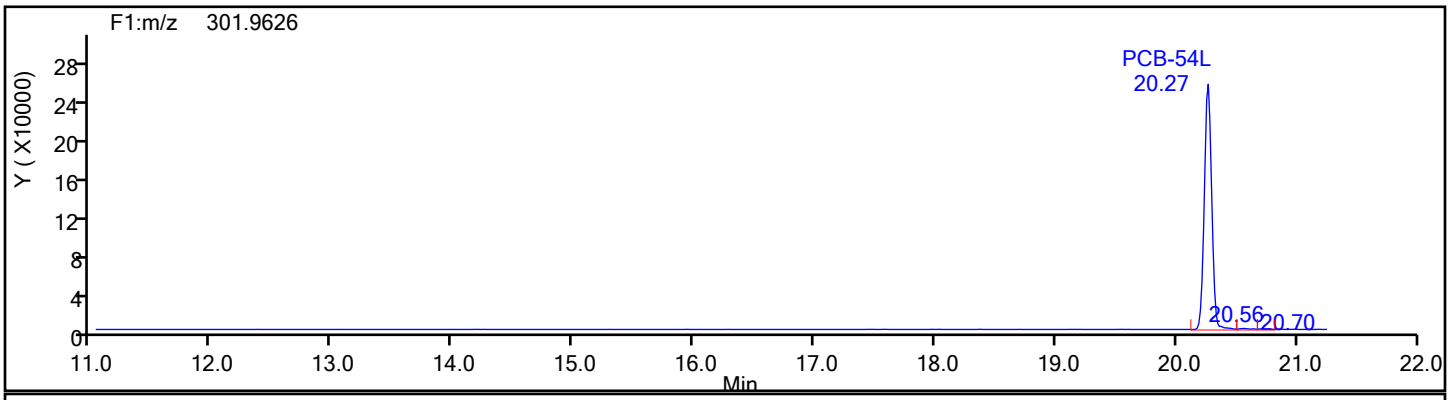
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

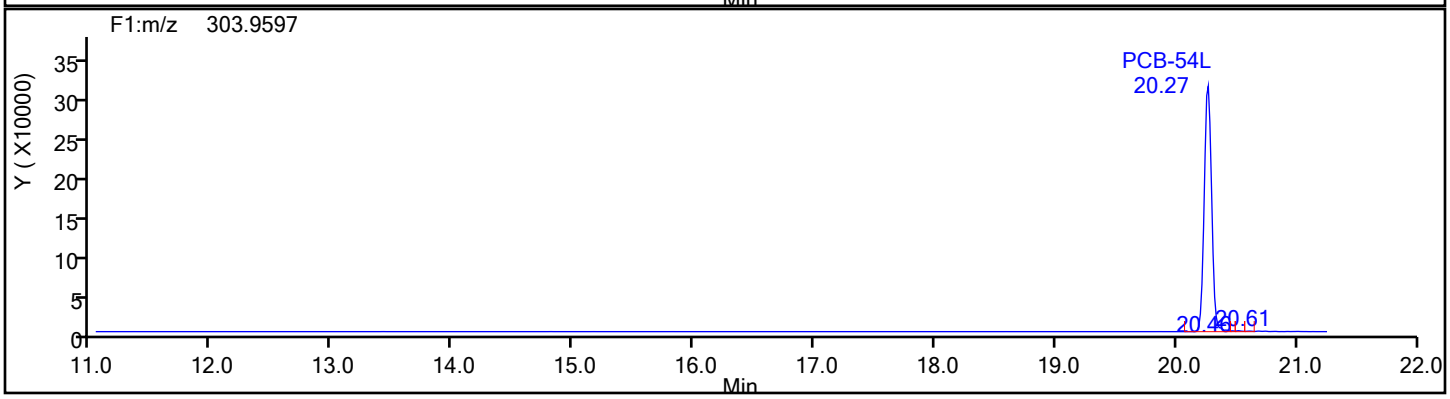
TePCB F1





TePCB F1 Standards



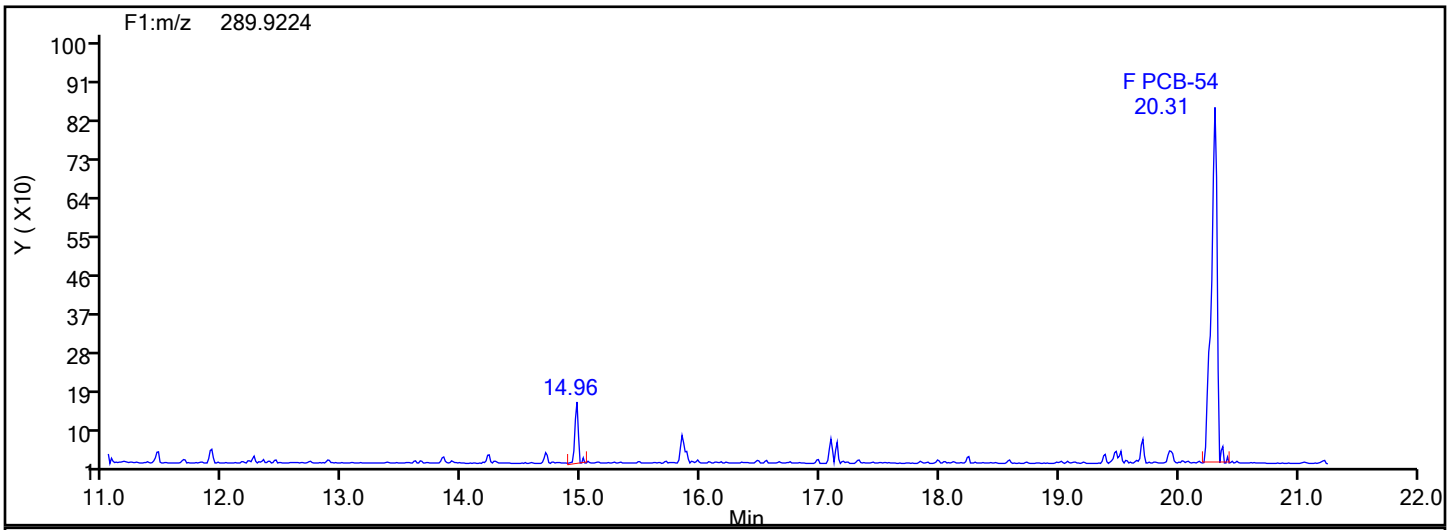


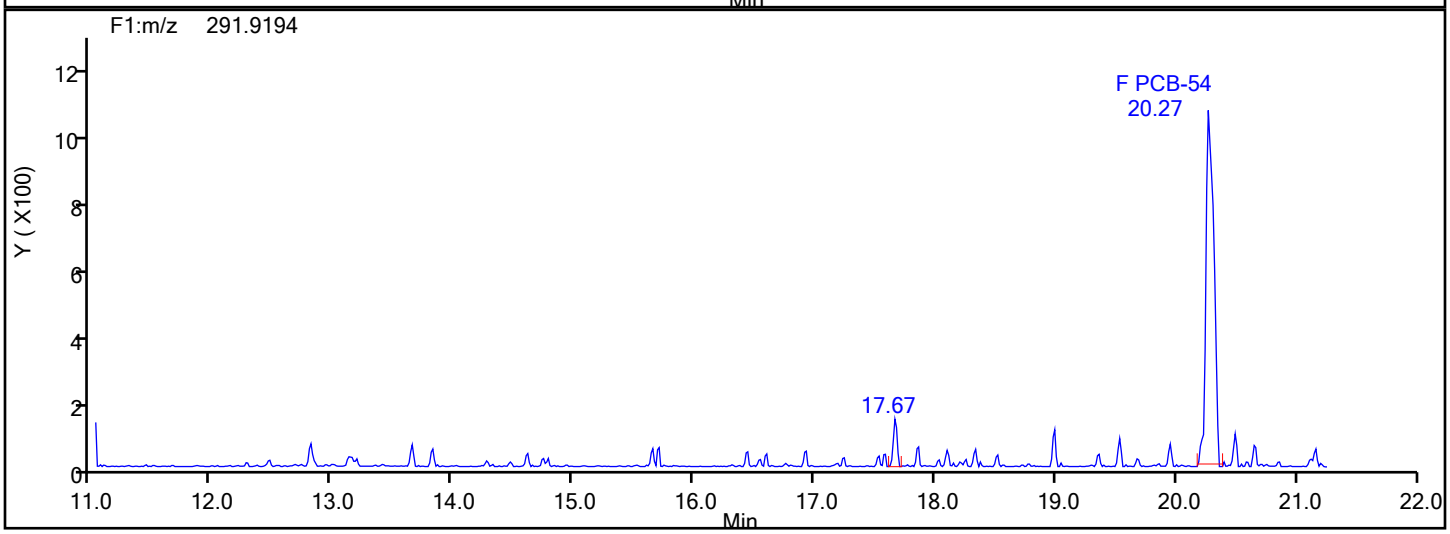
Report Date: 04-Jan-2024 23:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

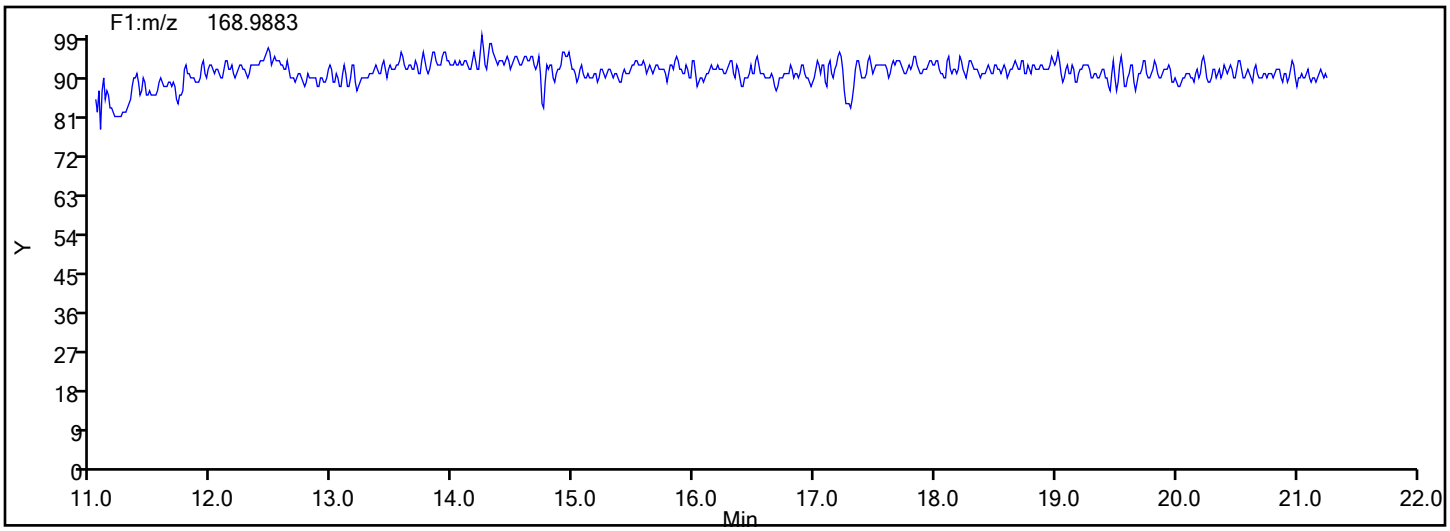
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



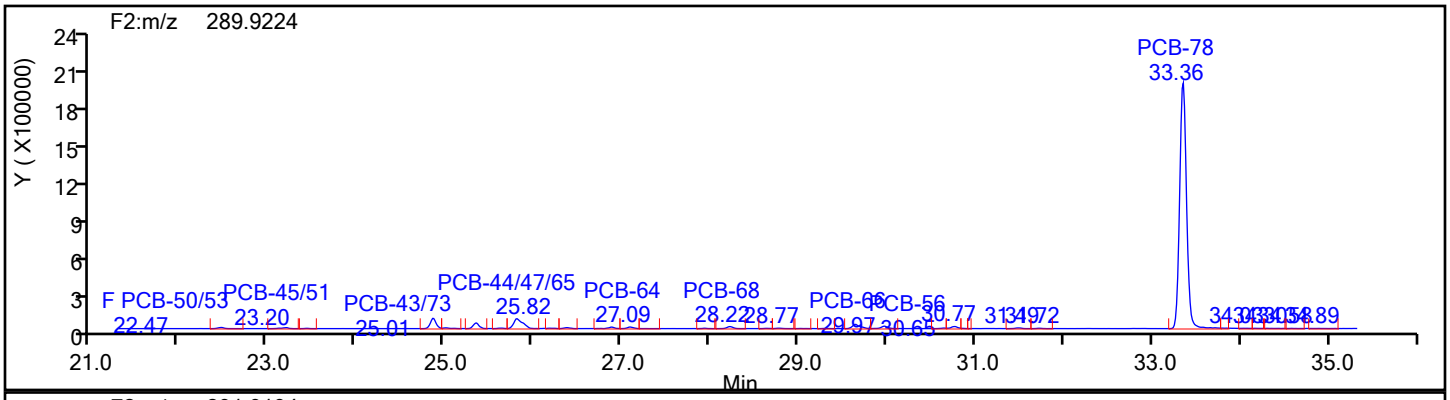
Report Date: 04-Jan-2024 23:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

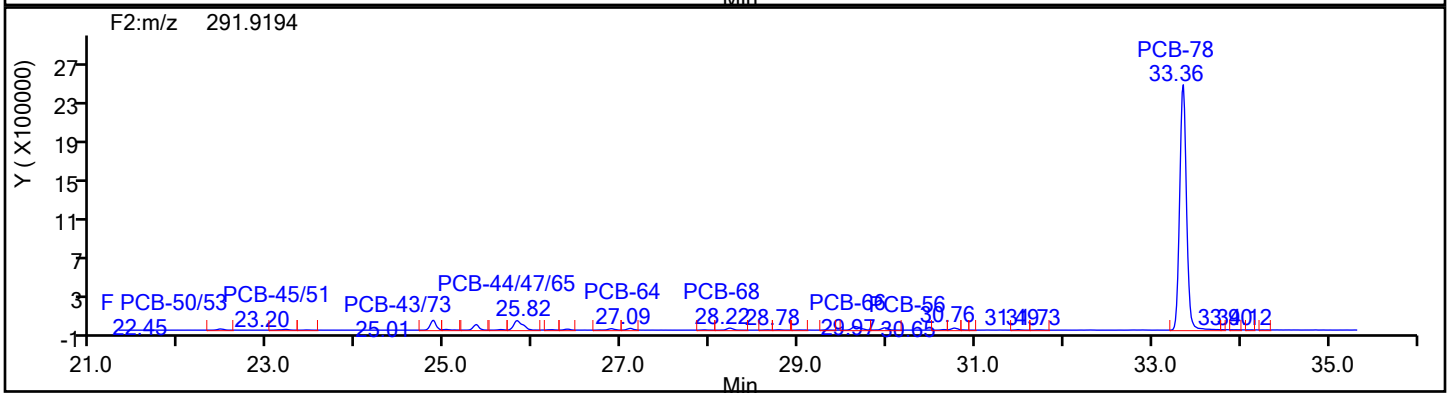
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

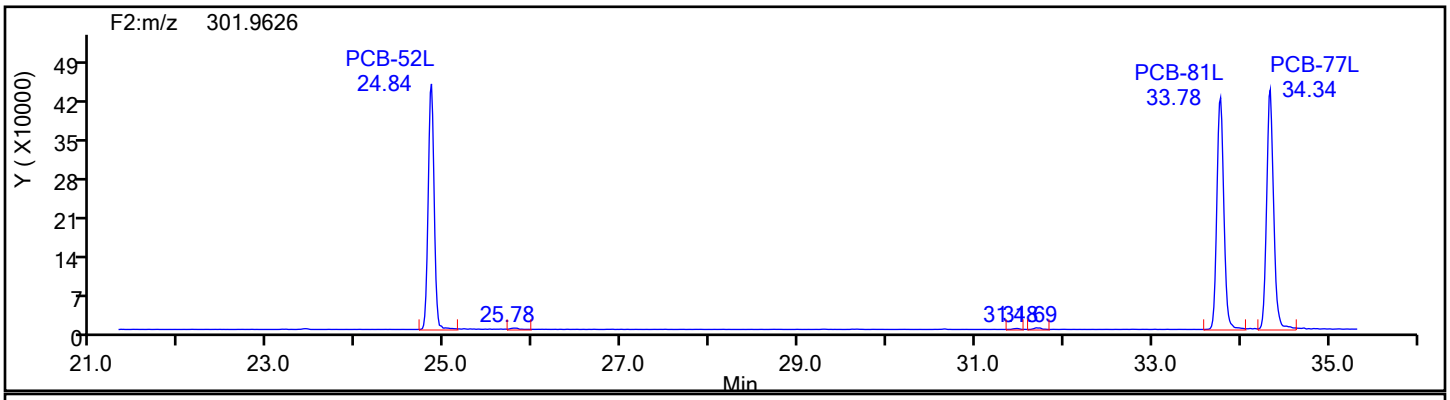
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

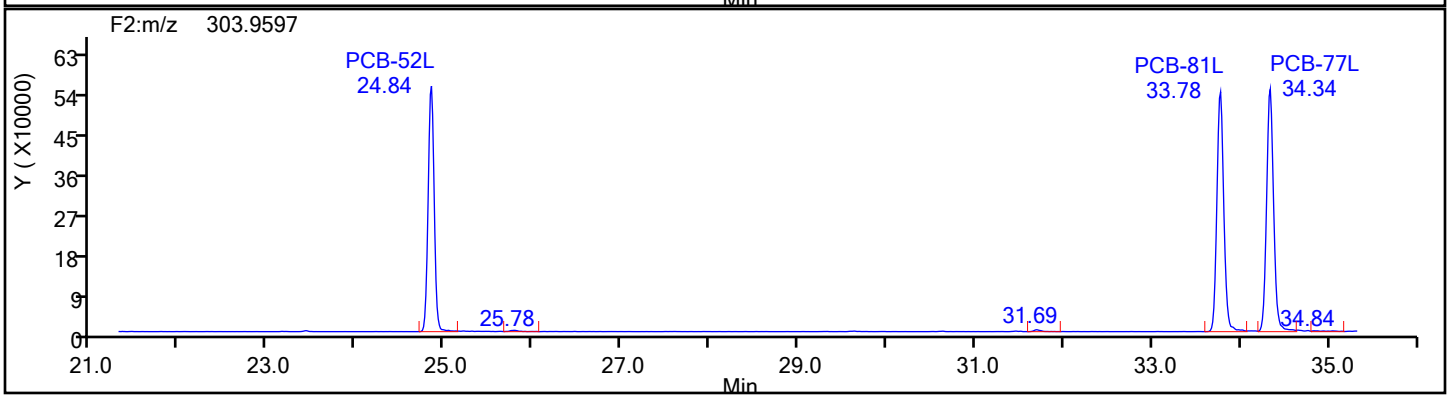
TePCB F2





TePCB F2 Standards



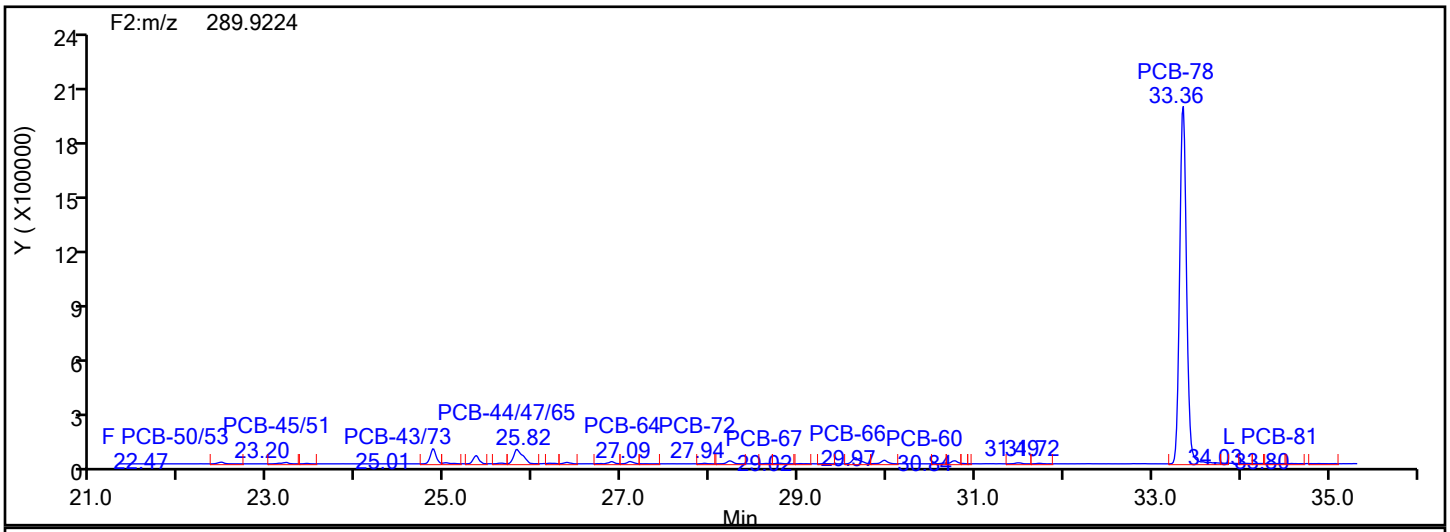


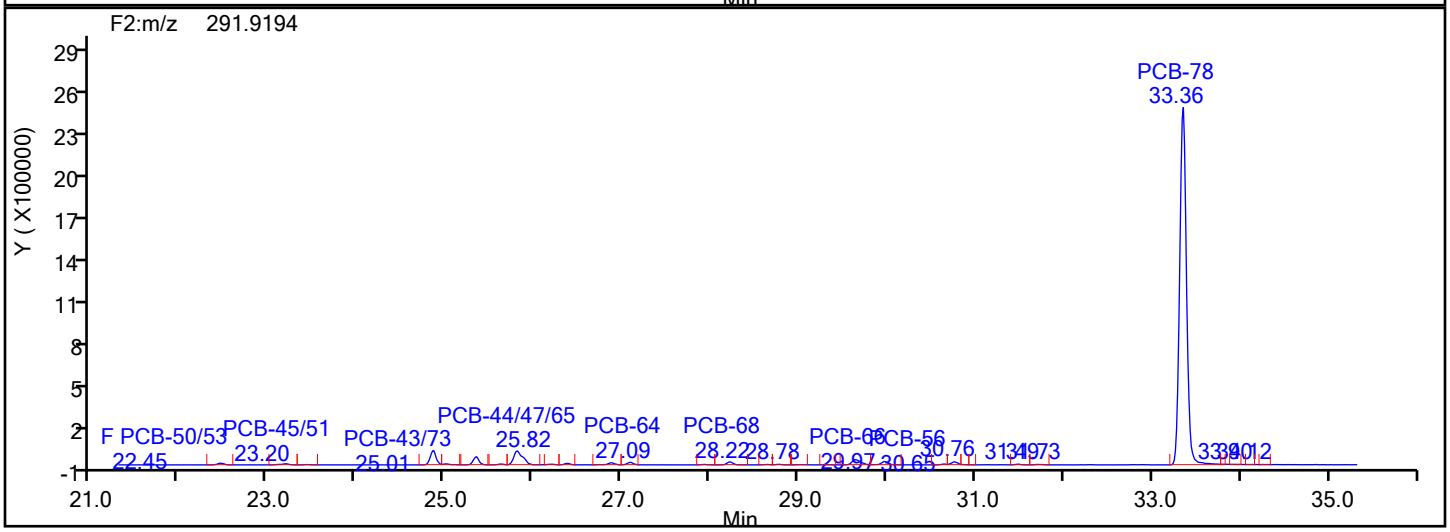
Report Date: 04-Jan-2024 23:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

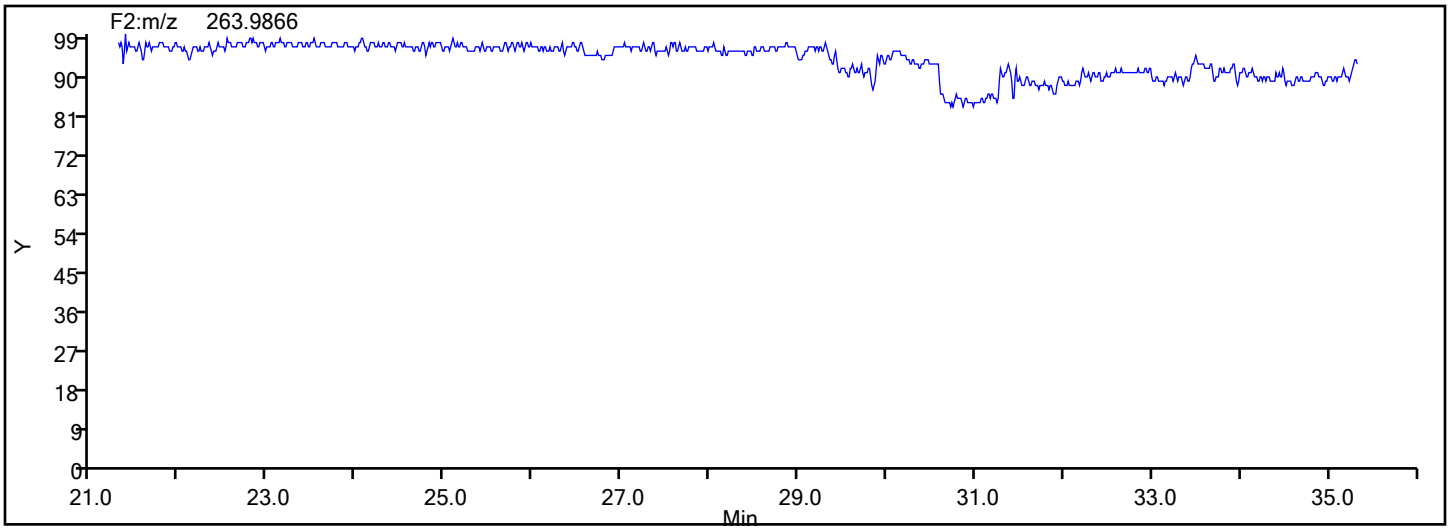
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

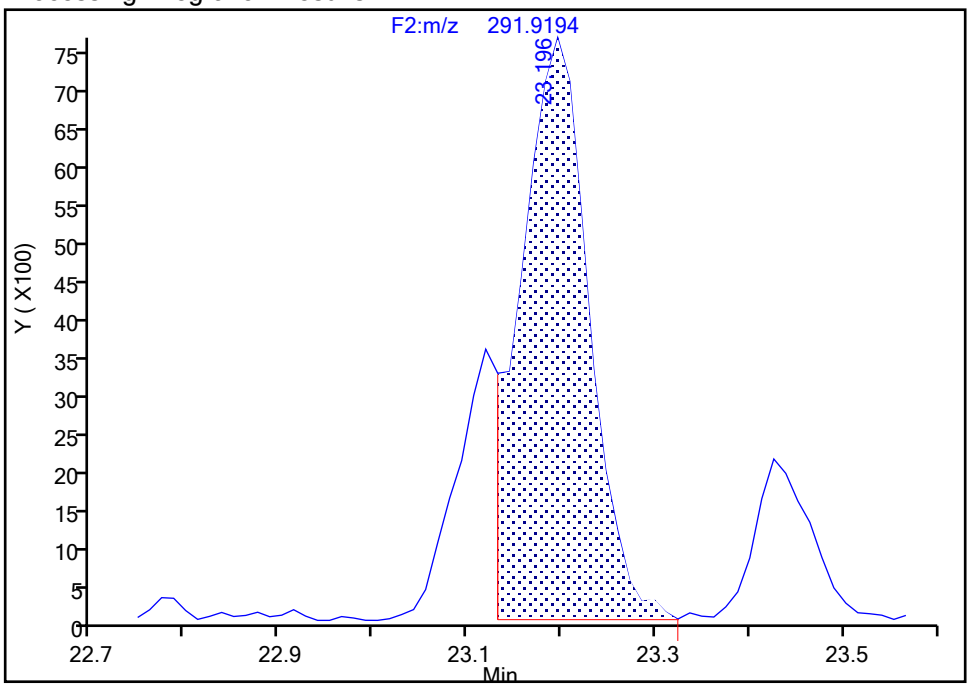
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 2

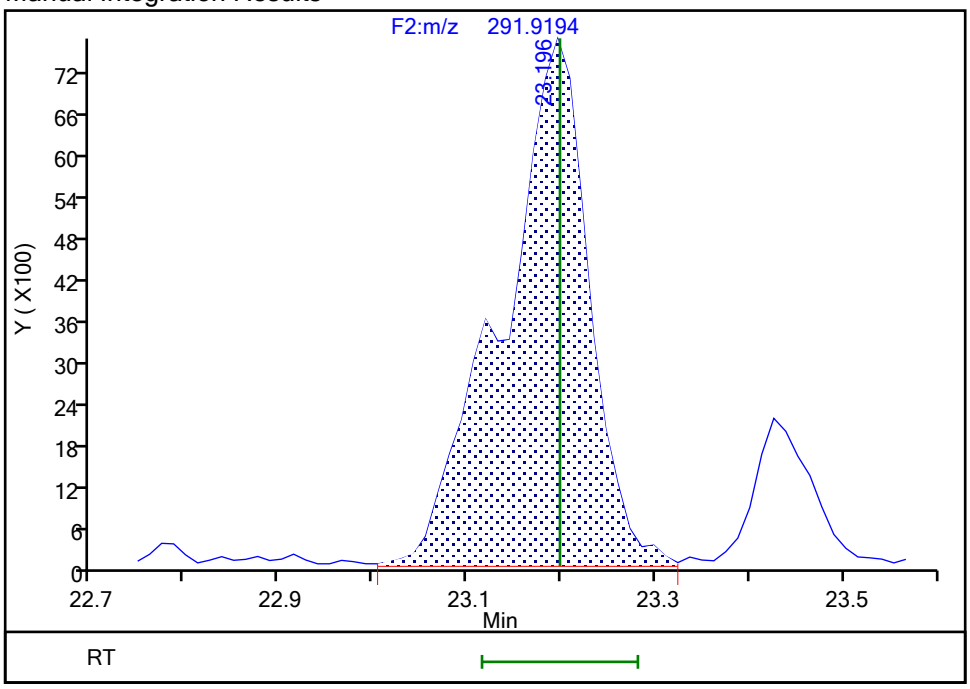
Processing Integration Results

RT: 23.20
Area: 38418
Amount: 2.193338
Amount Units: pg/ul



Manual Integration Results

RT: 23.20
Area: 49180
Amount: 2.477749
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 22:59:51 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

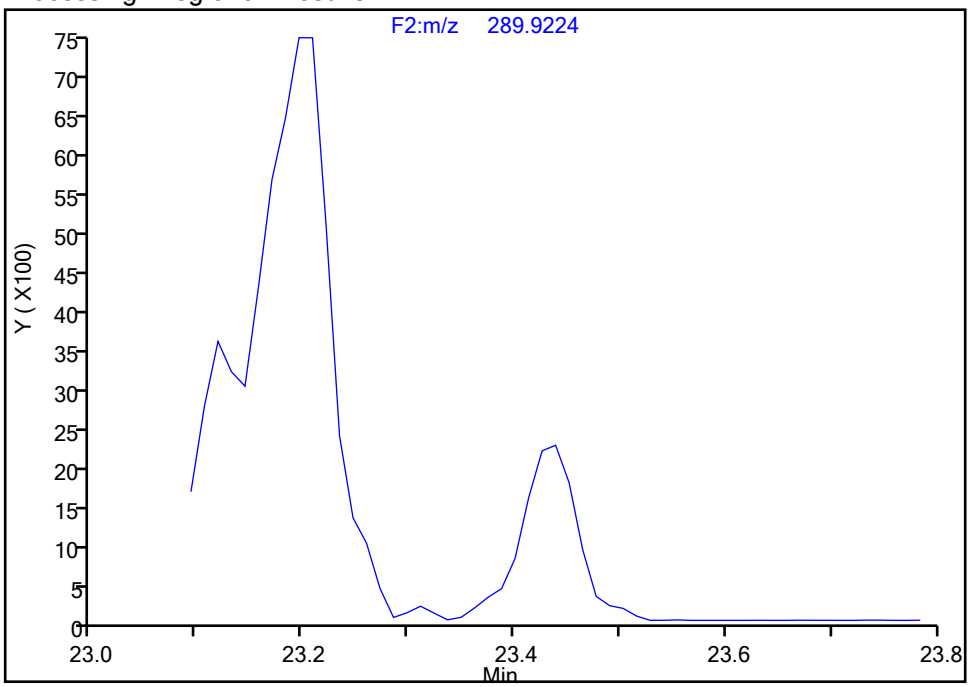
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 1

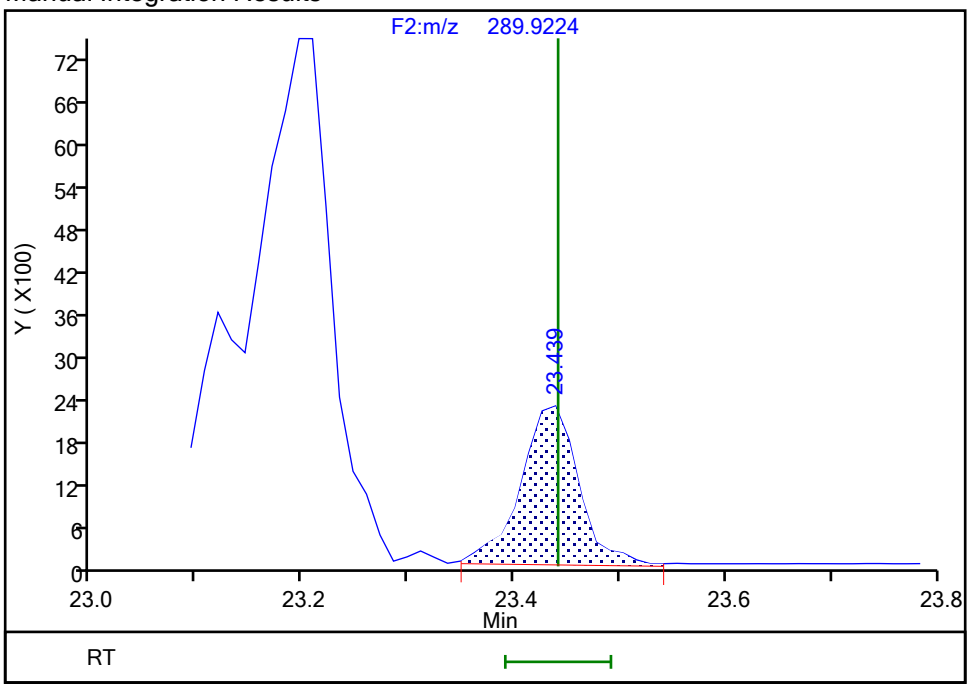
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.44
Area: 8516
Amount: 0.566225
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:00:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

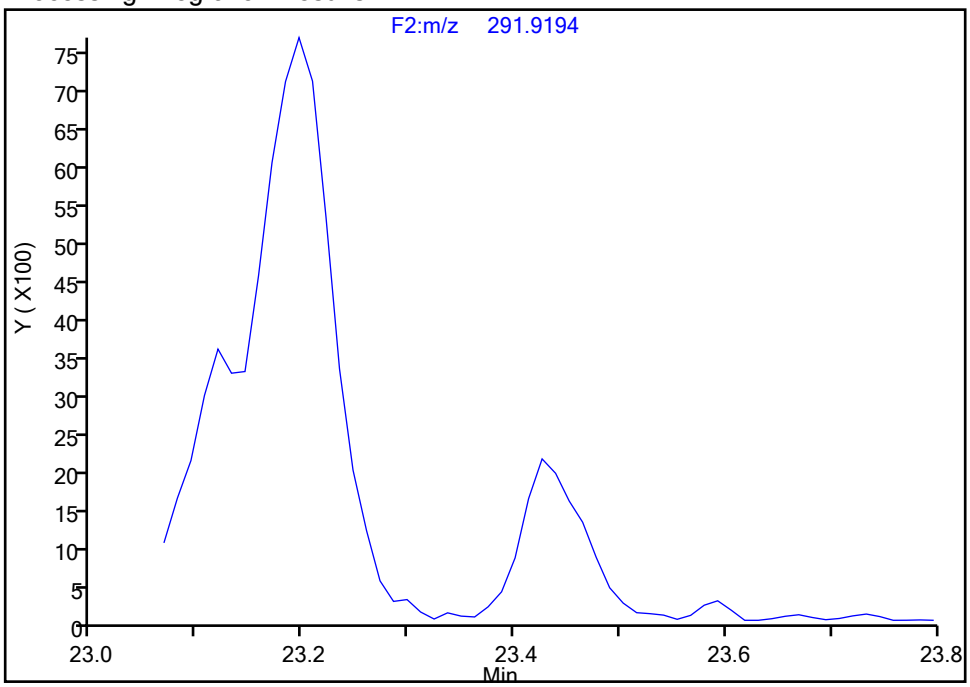
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 2

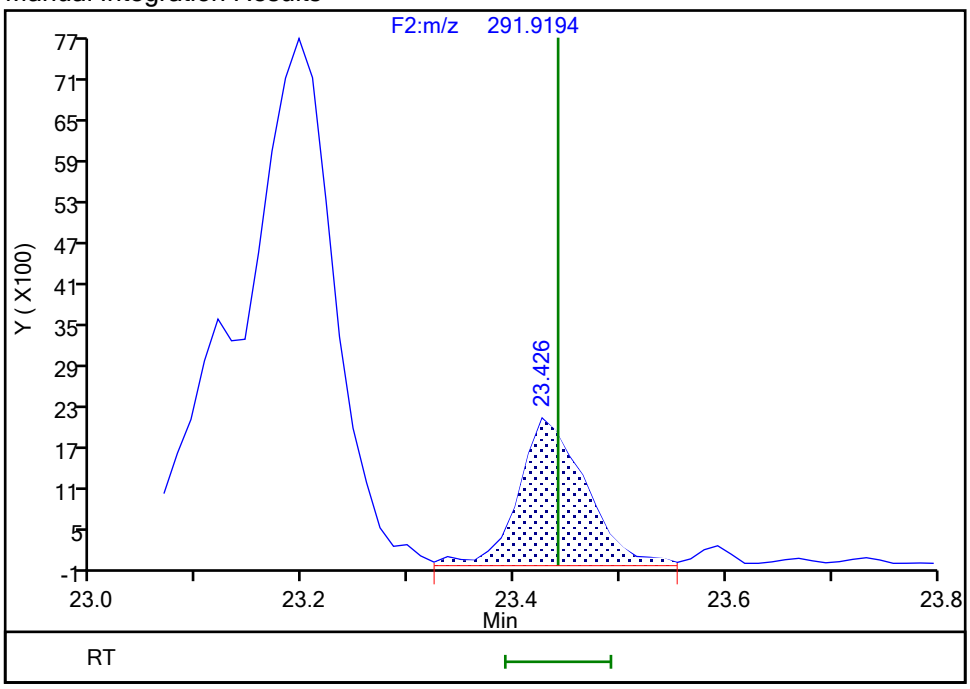
Not Detected
Expected RT: 23.44

Processing Integration Results



RT: 23.43
Area: 9438
Amount: 0.566225
Amount Units: pg/ul

Manual Integration Results



Reviewer: V4XA, 04-Jan-2024 23:00:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

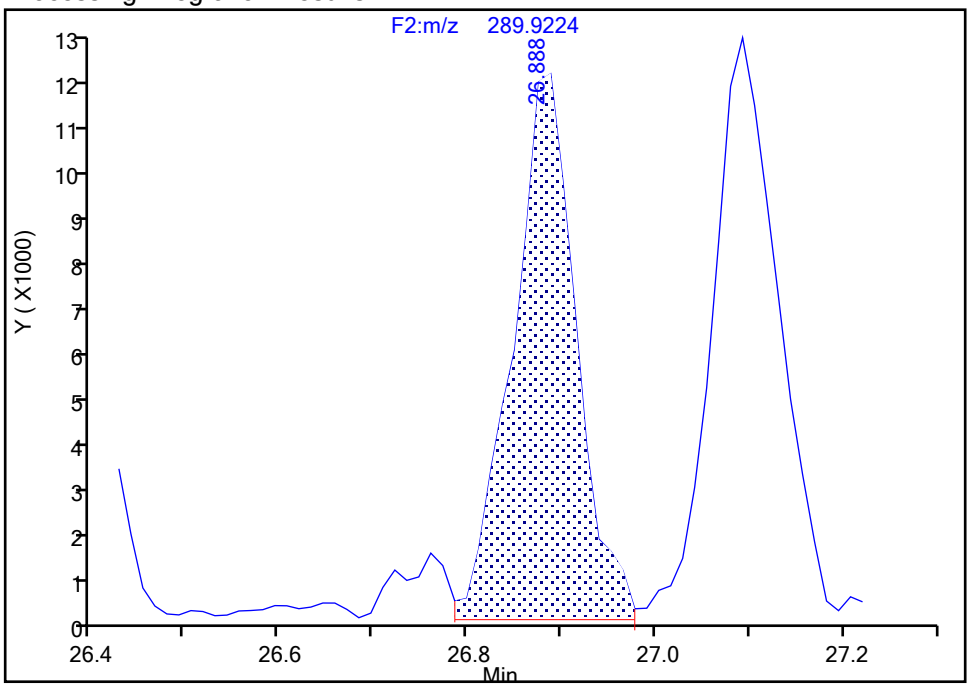
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

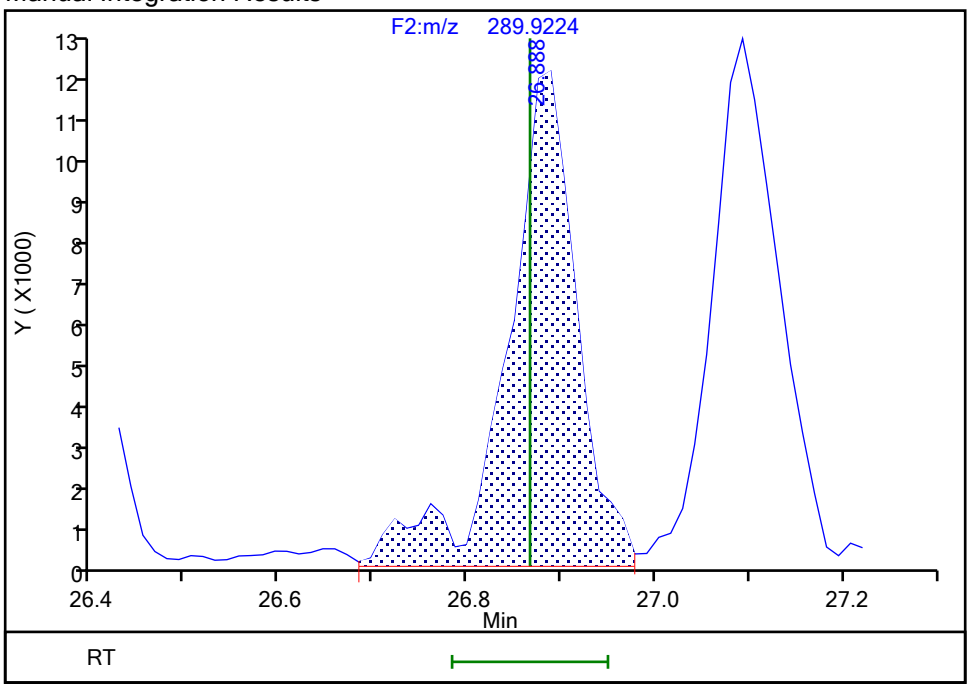
Processing Integration Results

RT: 26.89
Area: 55587
Amount: 3.255313
Amount Units: pg/ul



Manual Integration Results

RT: 26.89
Area: 61005
Amount: 3.549665
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:01:00 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

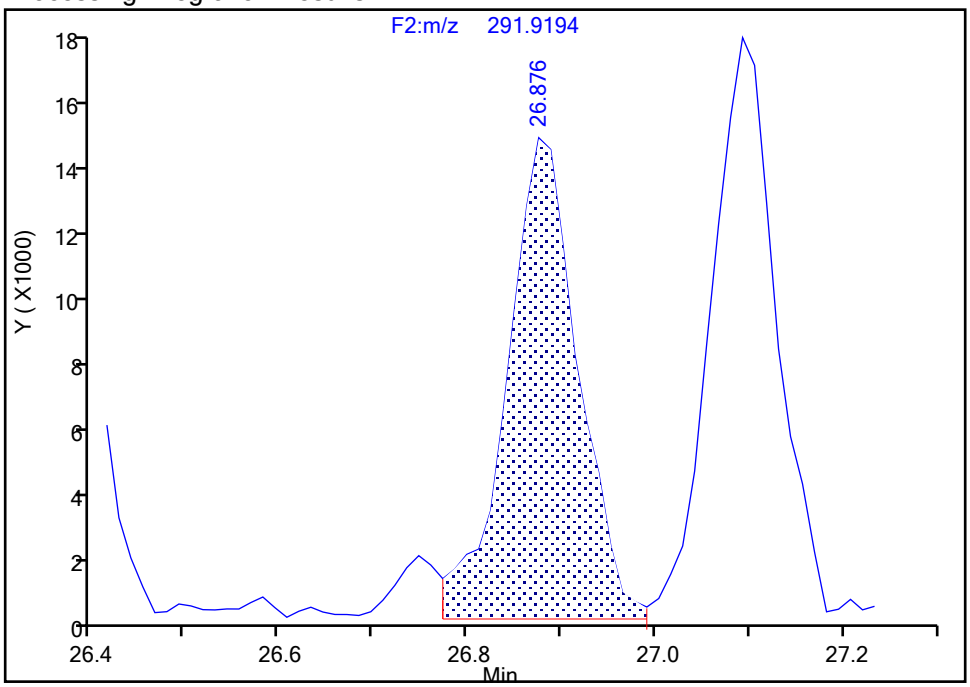
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 2

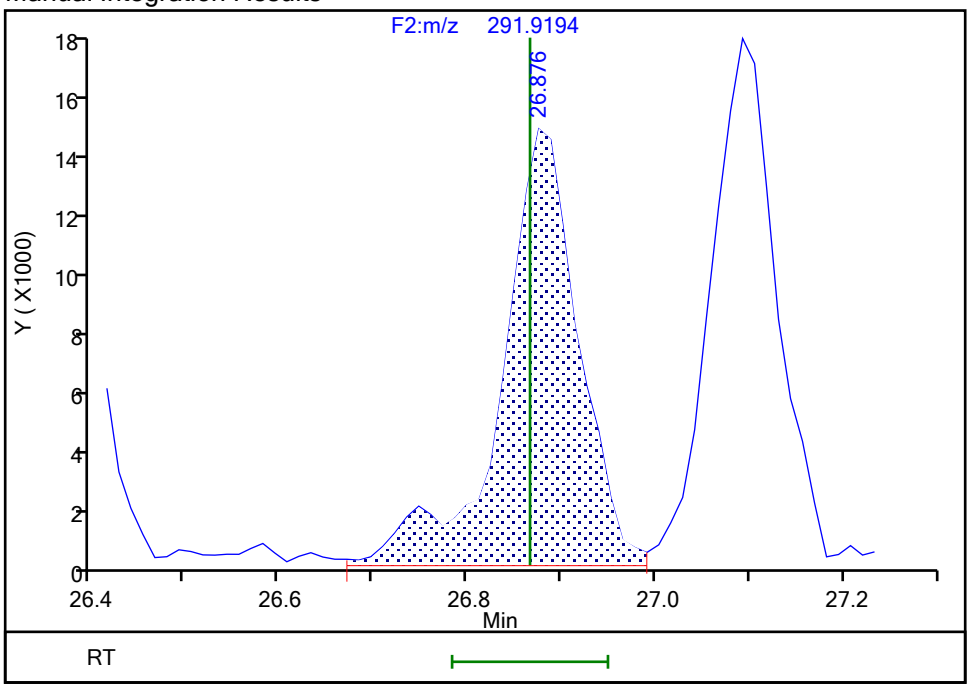
Processing Integration Results

RT: 26.88
Area: 77478
Amount: 3.255313
Amount Units: pg/ul



Manual Integration Results

RT: 26.88
Area: 84092
Amount: 3.549665
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:01:05 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

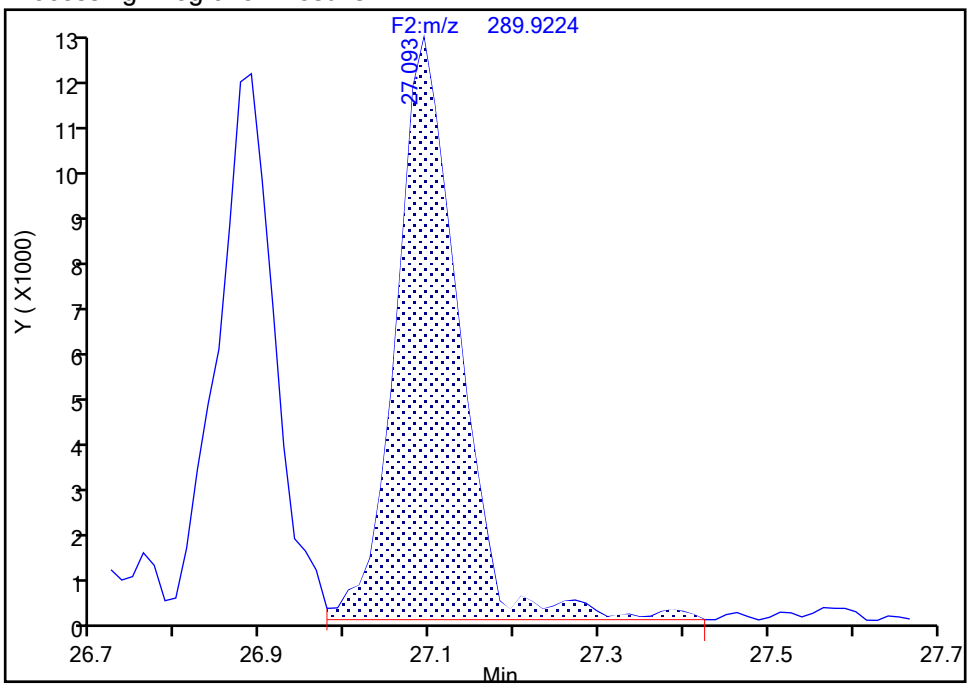
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-64, CAS: 52663-58-8

Signal: 1

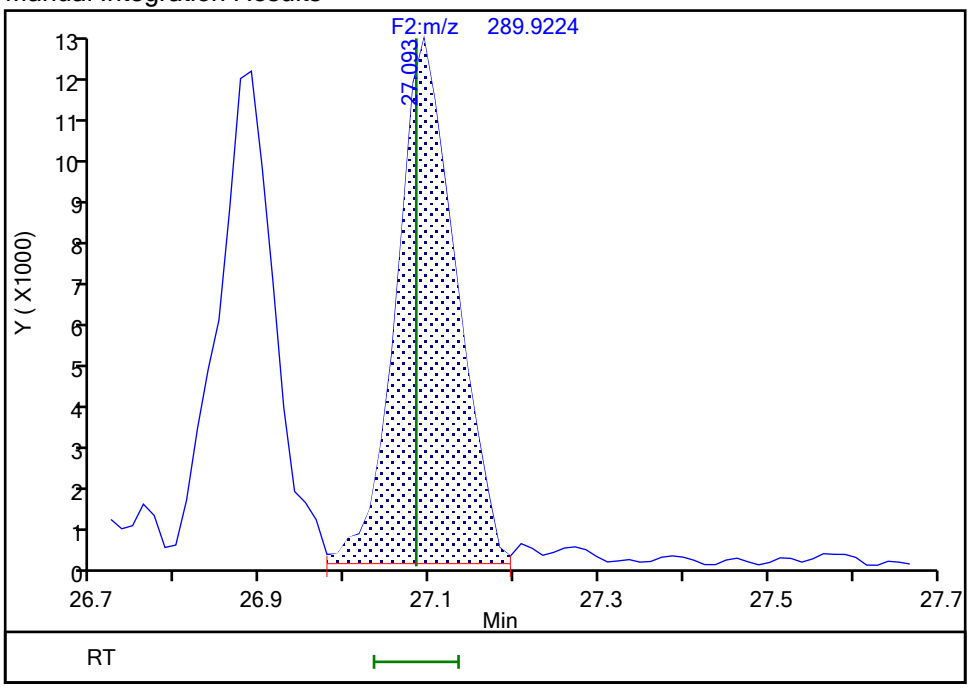
Processing Integration Results

RT: 27.09
Area: 64930
Amount: 2.727763
Amount Units: pg/ul



Manual Integration Results

RT: 27.09
Area: 61799
Amount: 2.671209
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:01:15 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

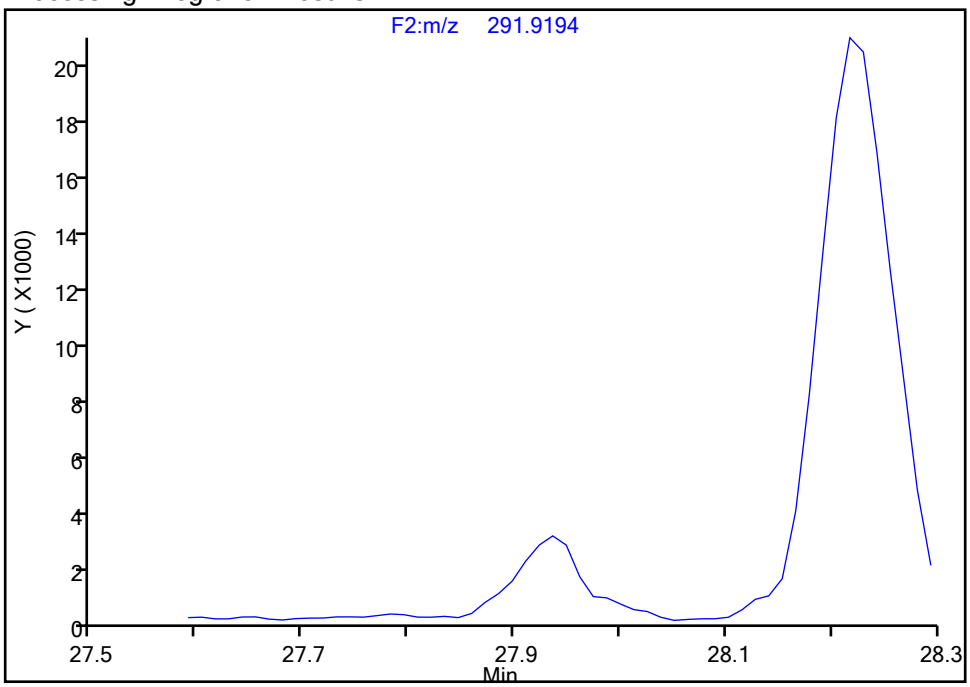
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-72, CAS: 41464-42-0

Signal: 2

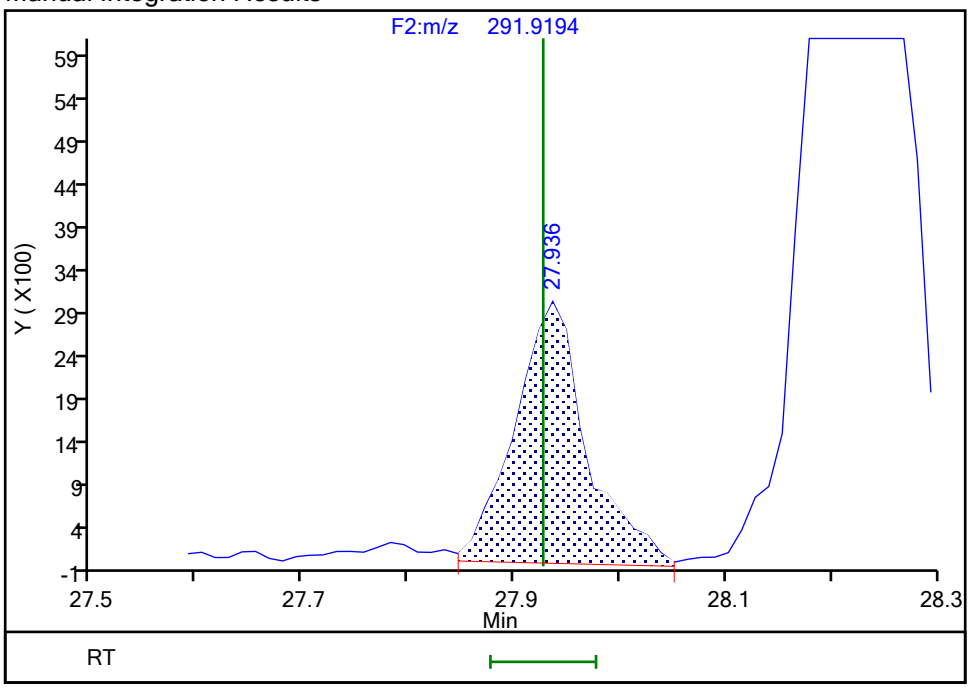
Not Detected
Expected RT: 27.93

Processing Integration Results



Manual Integration Results

RT: 27.94
Area: 14090
Amount: 0.419792
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:01:29 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

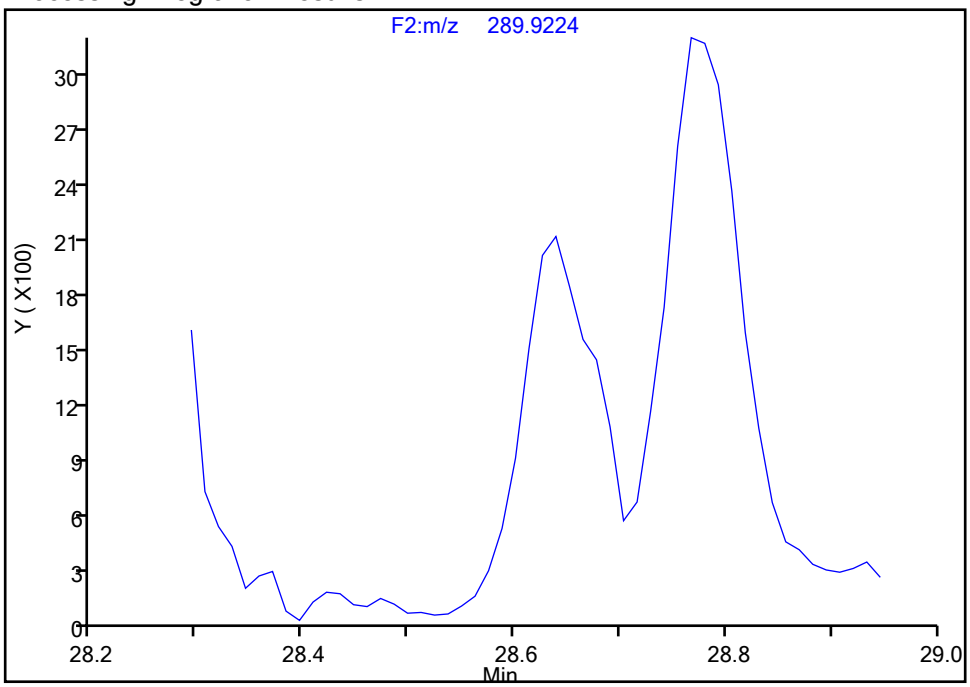
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-57, CAS: 70424-67-8

Signal: 1

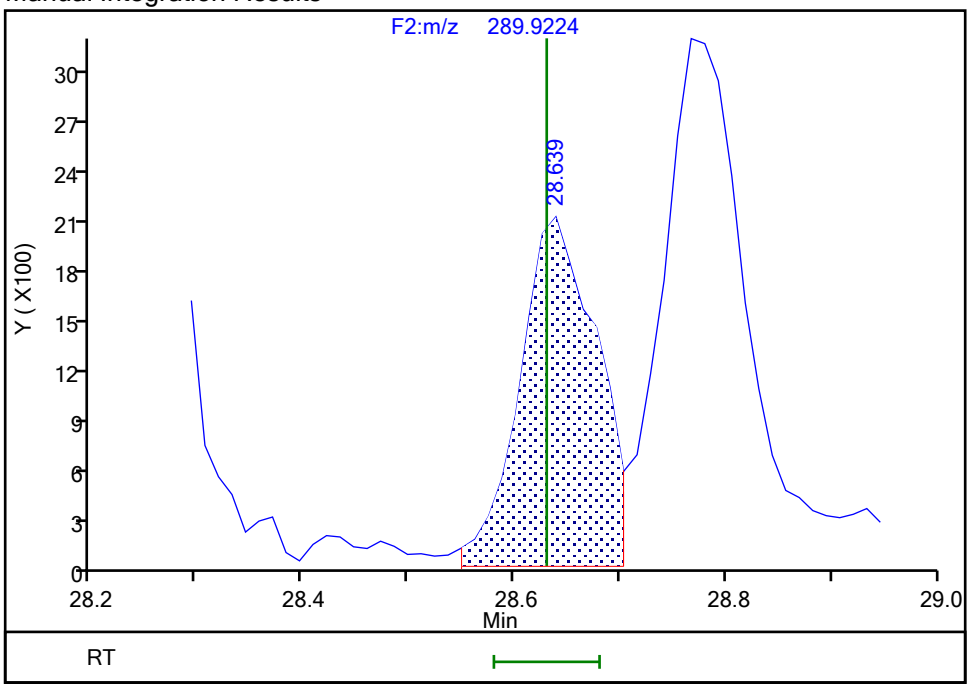
Not Detected
Expected RT: 28.63

Processing Integration Results



Manual Integration Results

RT: 28.64
Area: 10291
Amount: 0.399366
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:01:43 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

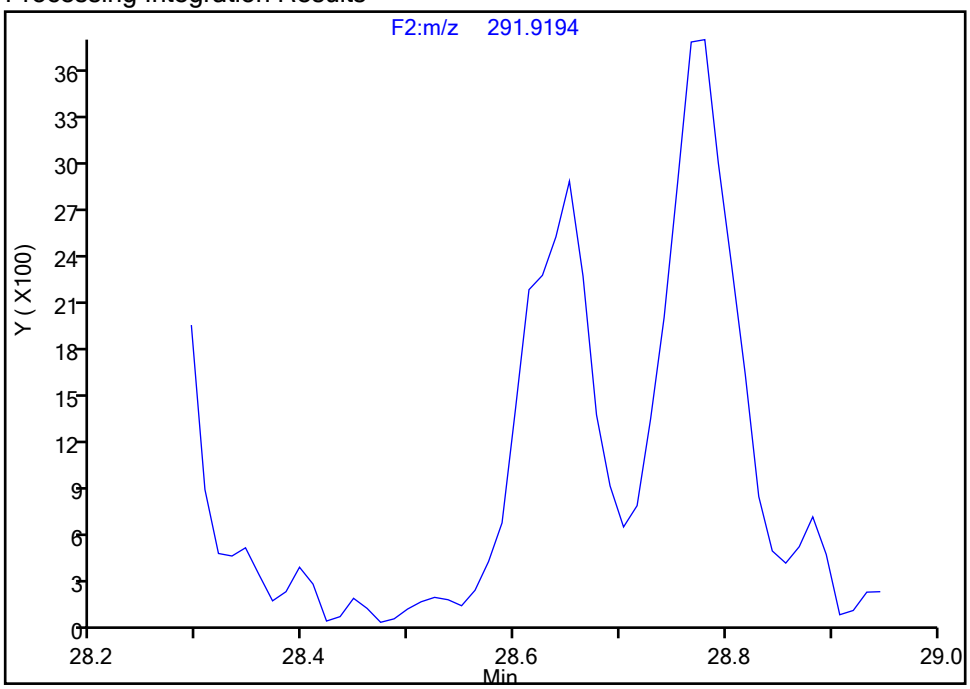
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-57, CAS: 70424-67-8

Signal: 2

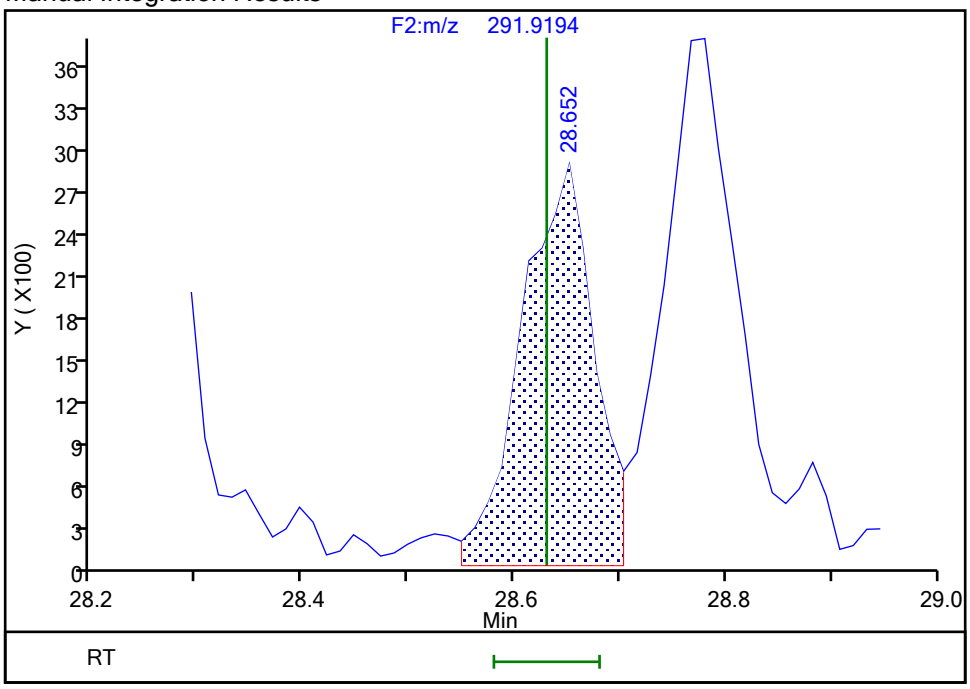
Not Detected
Expected RT: 28.63

Processing Integration Results



Manual Integration Results

RT: 28.65
Area: 13511
Amount: 0.399366
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:01:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

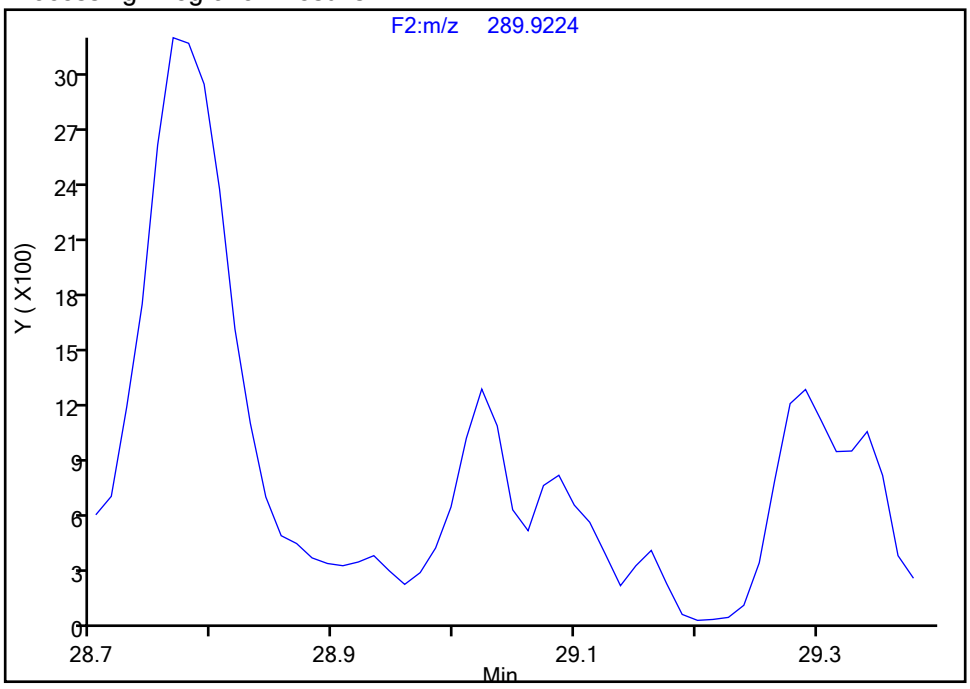
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-67, CAS: 73575-53-8

Signal: 1

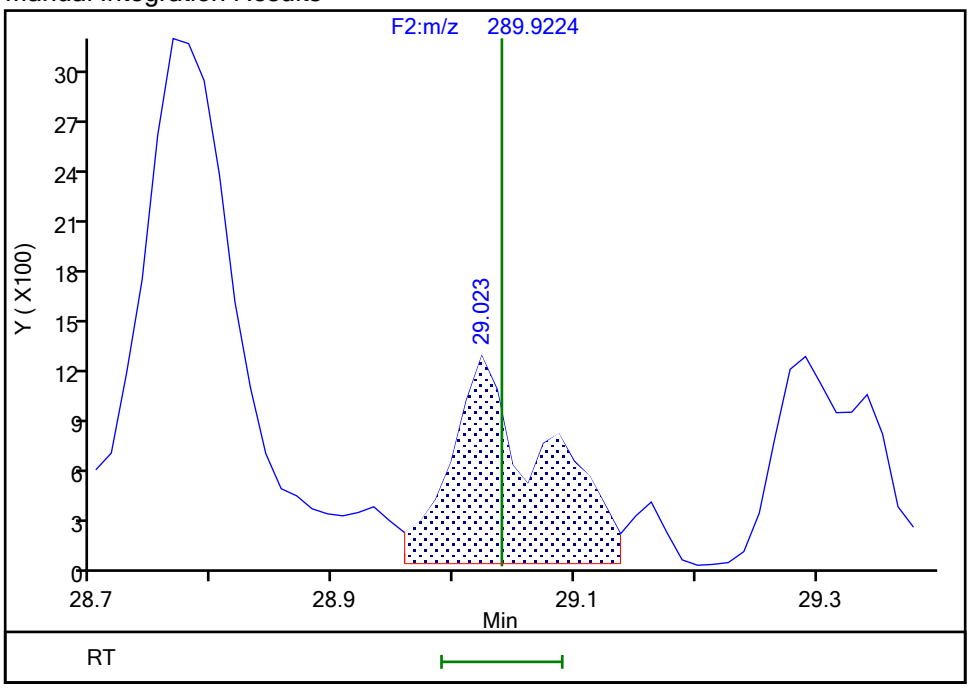
Not Detected
Expected RT: 29.04

Processing Integration Results



Manual Integration Results

RT: 29.02
Area: 6595
Amount: 0.255634
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:02:20 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

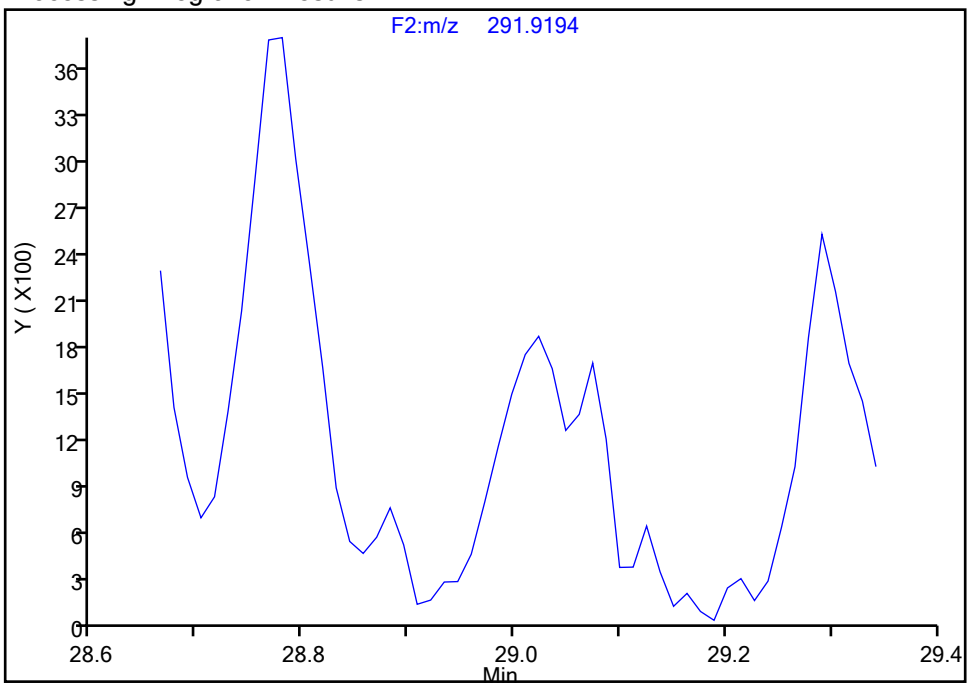
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-67, CAS: 73575-53-8

Signal: 2

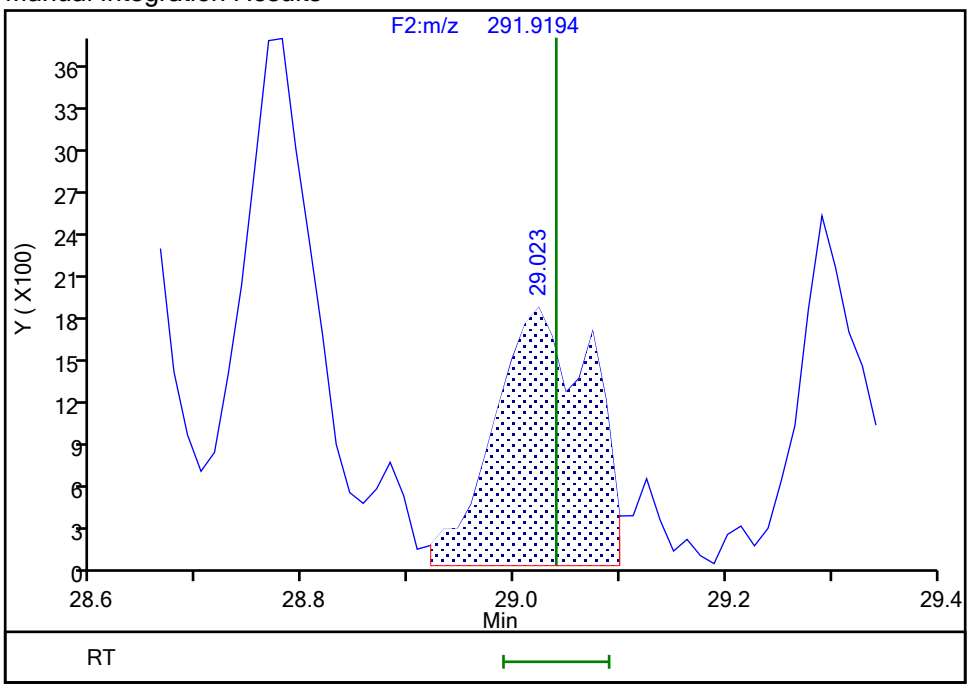
Not Detected
Expected RT: 29.04

Processing Integration Results



Manual Integration Results

RT: 29.02
Area: 11613
Amount: 0.255634
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:02:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

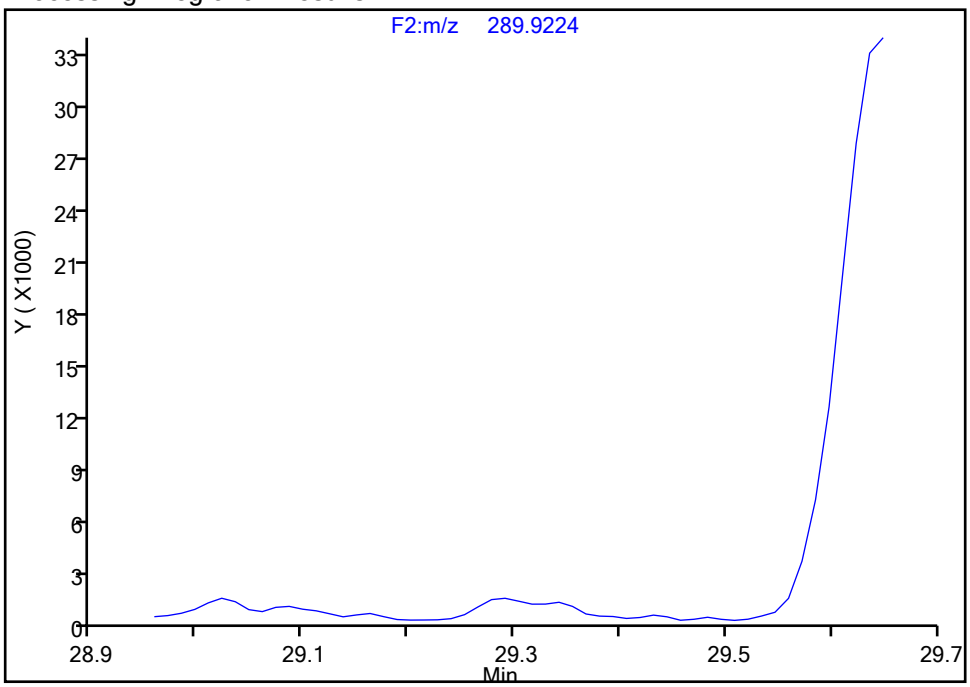
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-63, CAS: 74472-34-7

Signal: 1

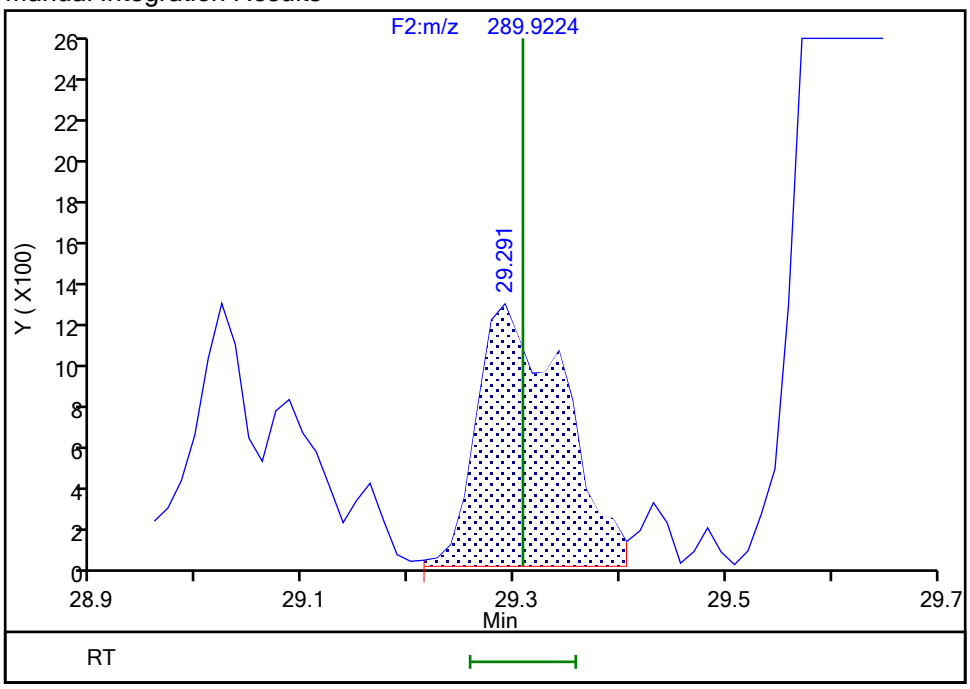
Not Detected
Expected RT: 29.31

Processing Integration Results



Manual Integration Results

RT: 29.29
Area: 7159
Amount: 0.328864
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:02:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

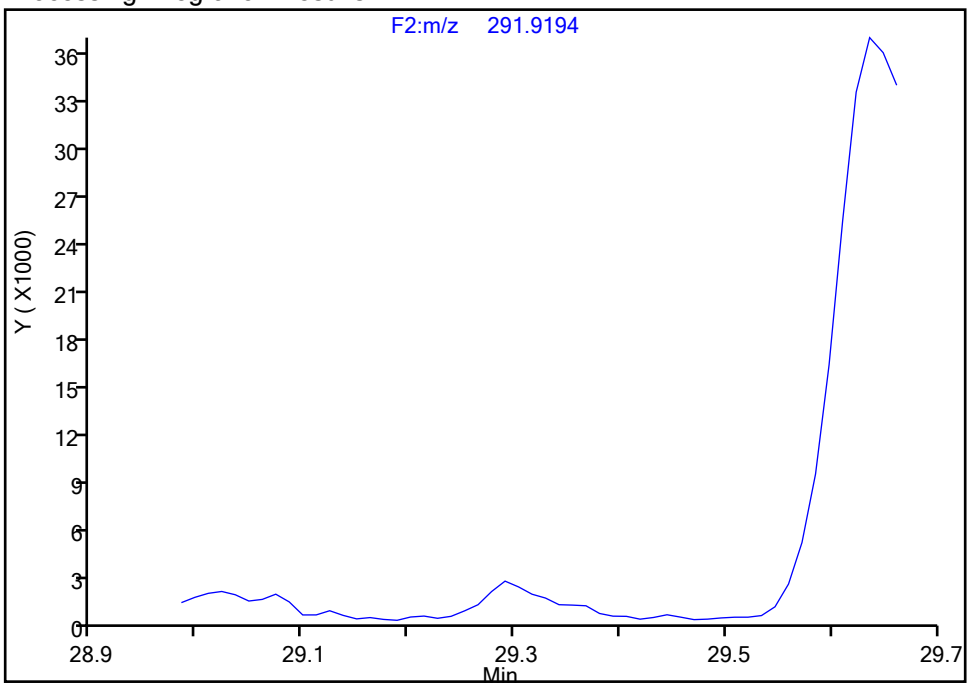
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-63, CAS: 74472-34-7

Signal: 2

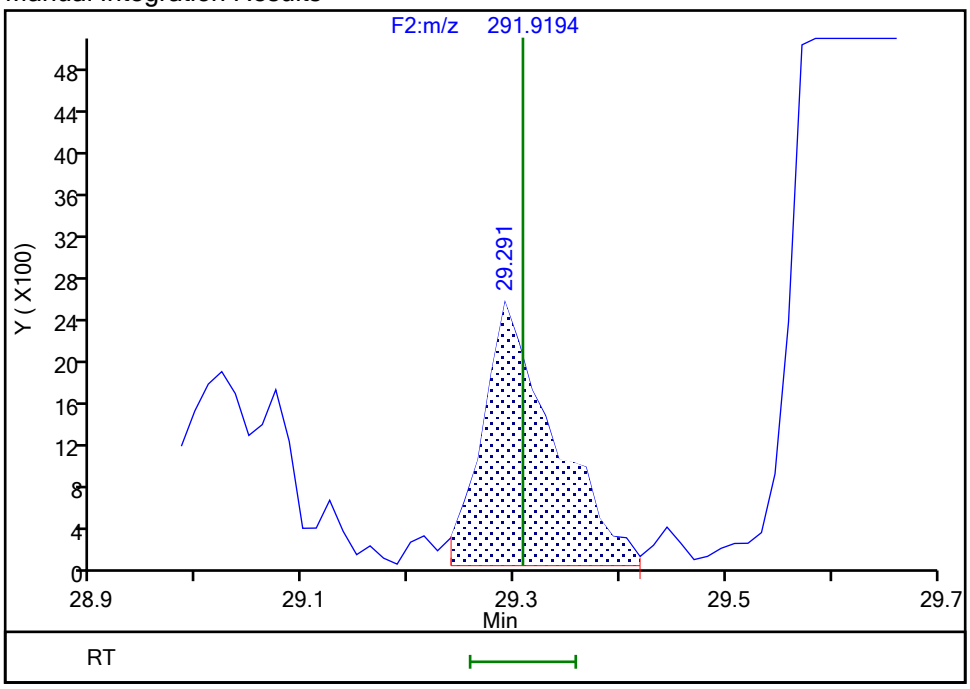
Not Detected
Expected RT: 29.31

Processing Integration Results



Manual Integration Results

RT: 29.29
Area: 11631
Amount: 0.328864
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:02:07 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

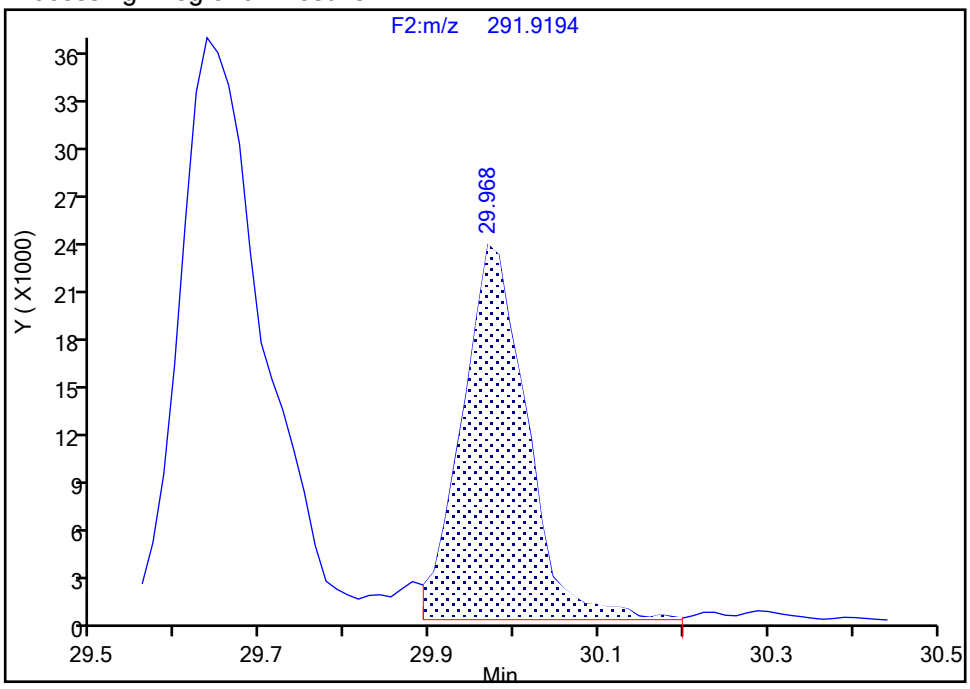
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-66, CAS: 32598-10-0

Signal: 2

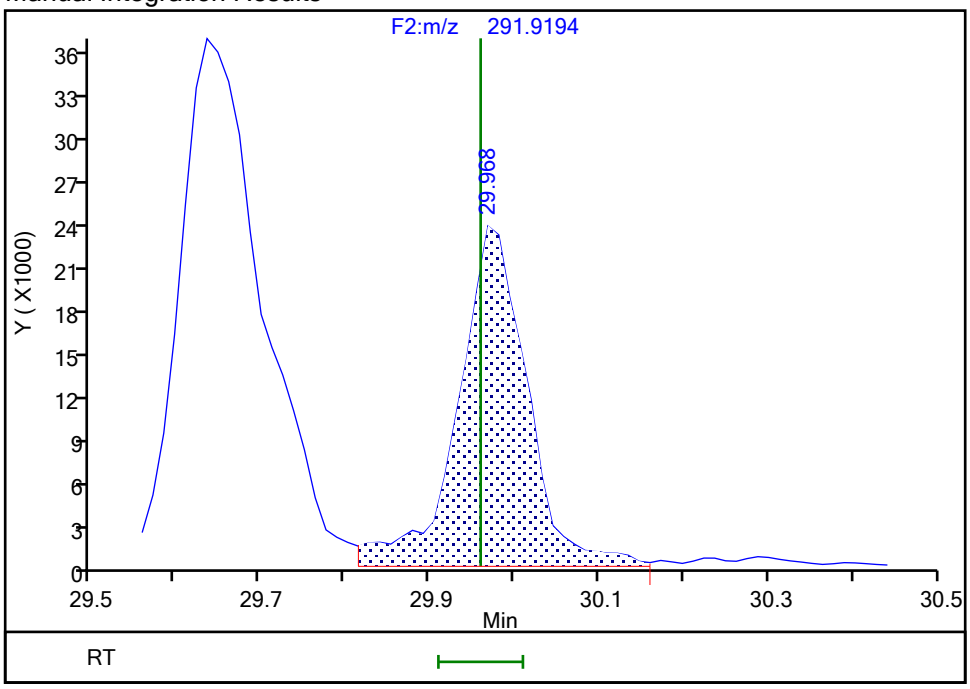
Processing Integration Results

RT: 29.97
Area: 126880
Amount: 3.479322
Amount Units: pg/ul



Manual Integration Results

RT: 29.97
Area: 134428
Amount: 3.593451
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:02:36 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

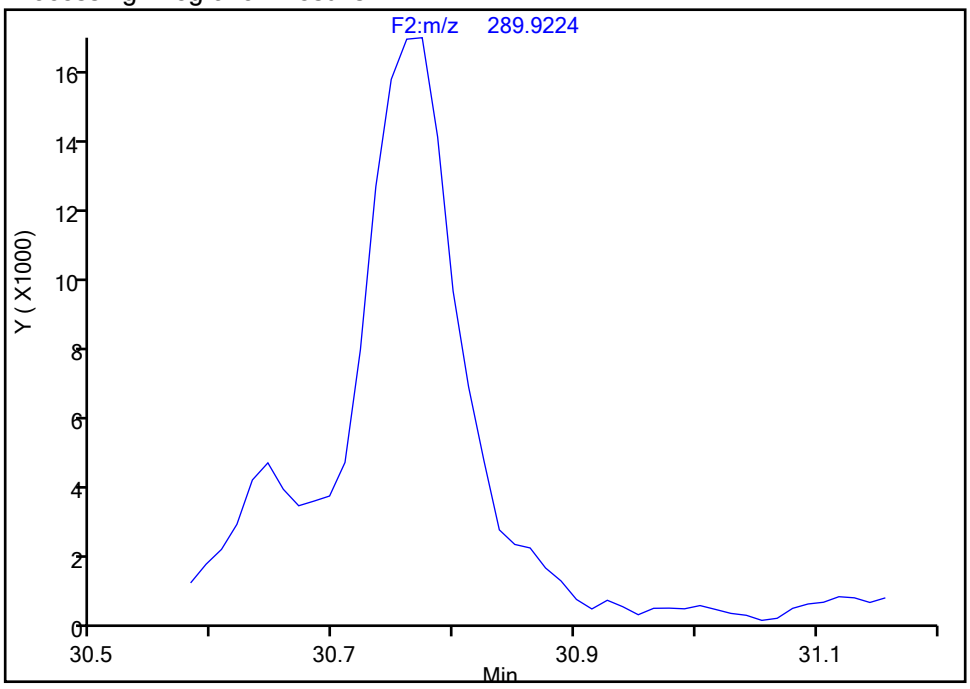
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 1

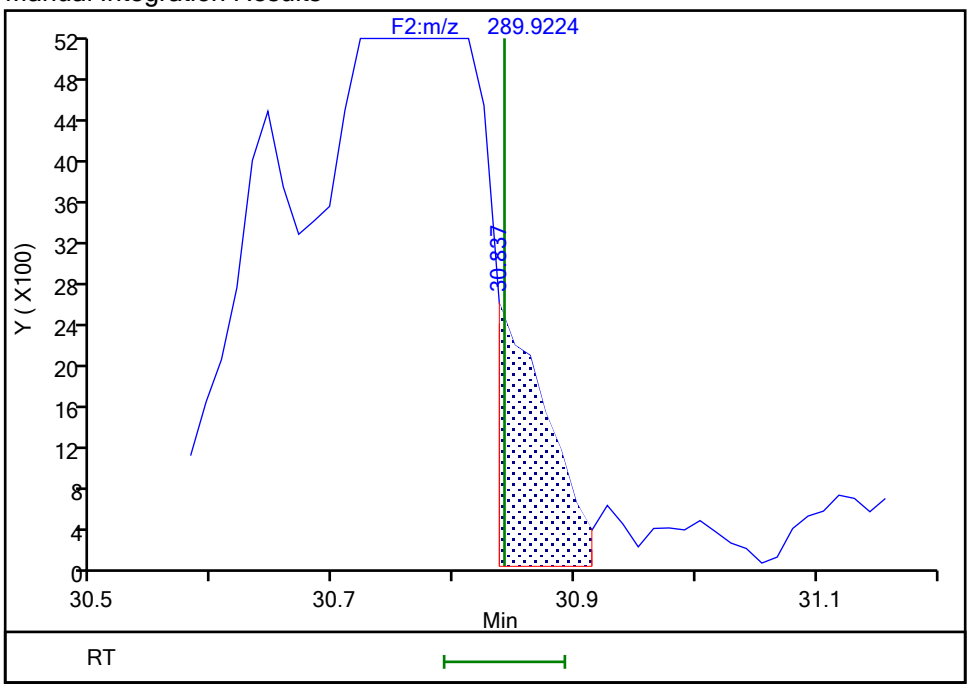
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.84
Area: 6732
Amount: 0.271639
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:03:23 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

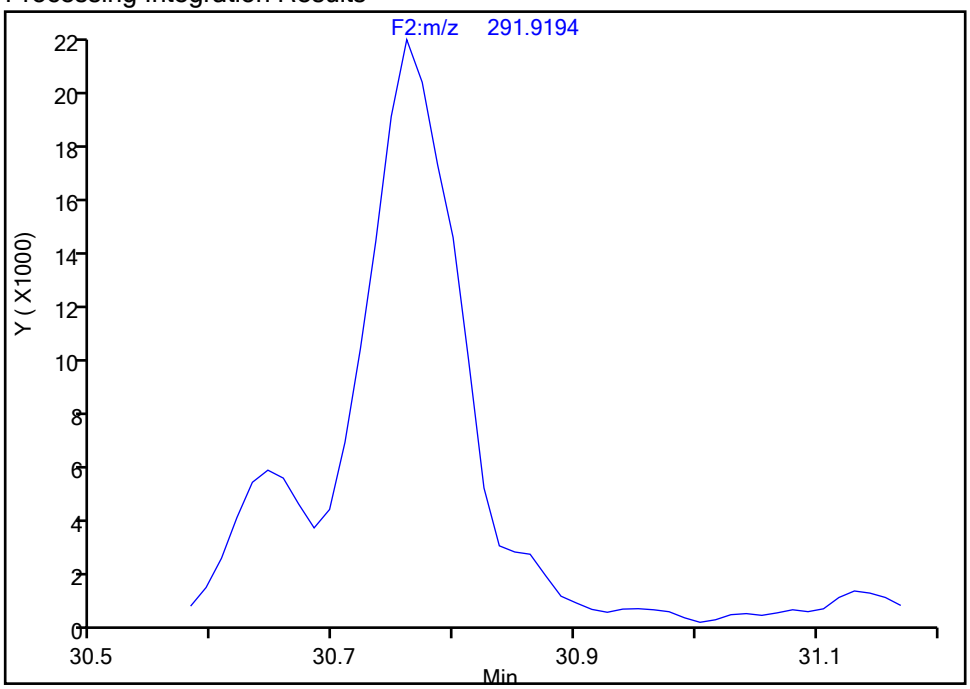
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 2

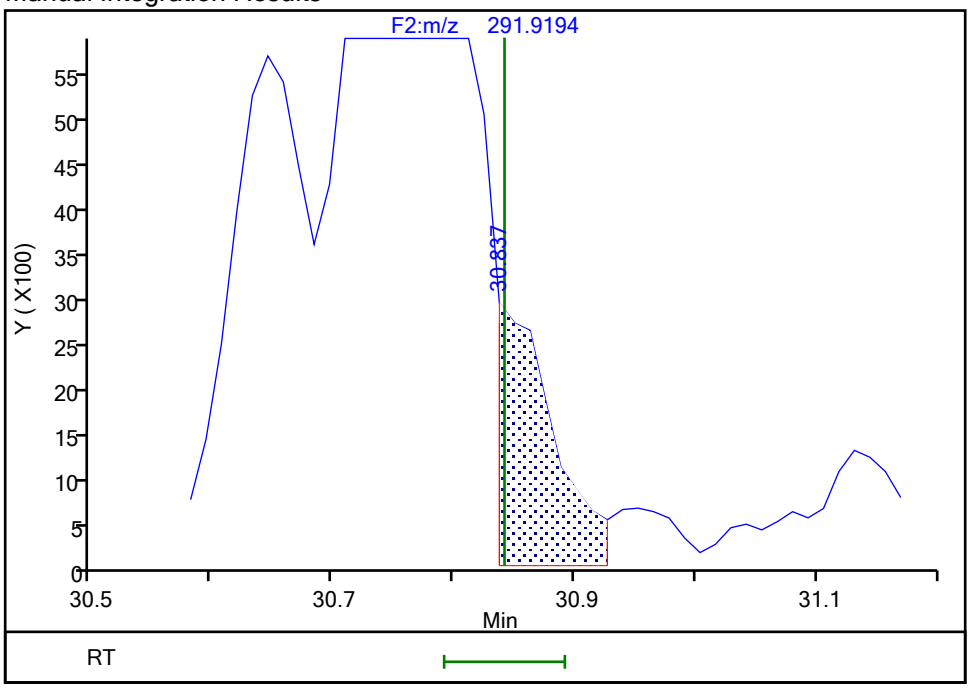
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.84
Area: 8651
Amount: 0.271639
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:03:27 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

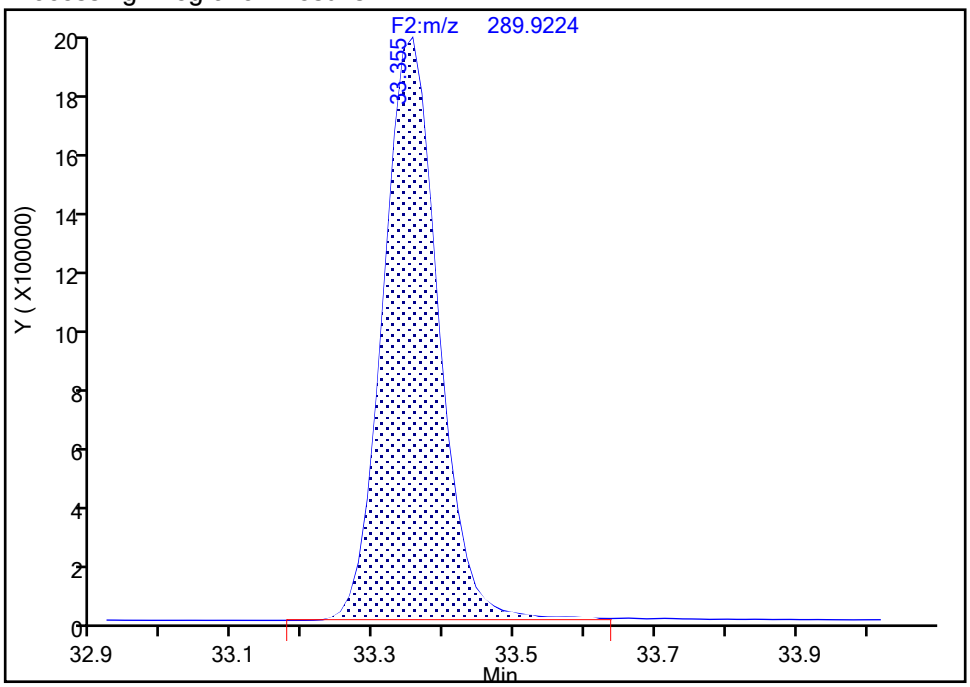
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-78, CAS: 70362-49-1

Signal: 1

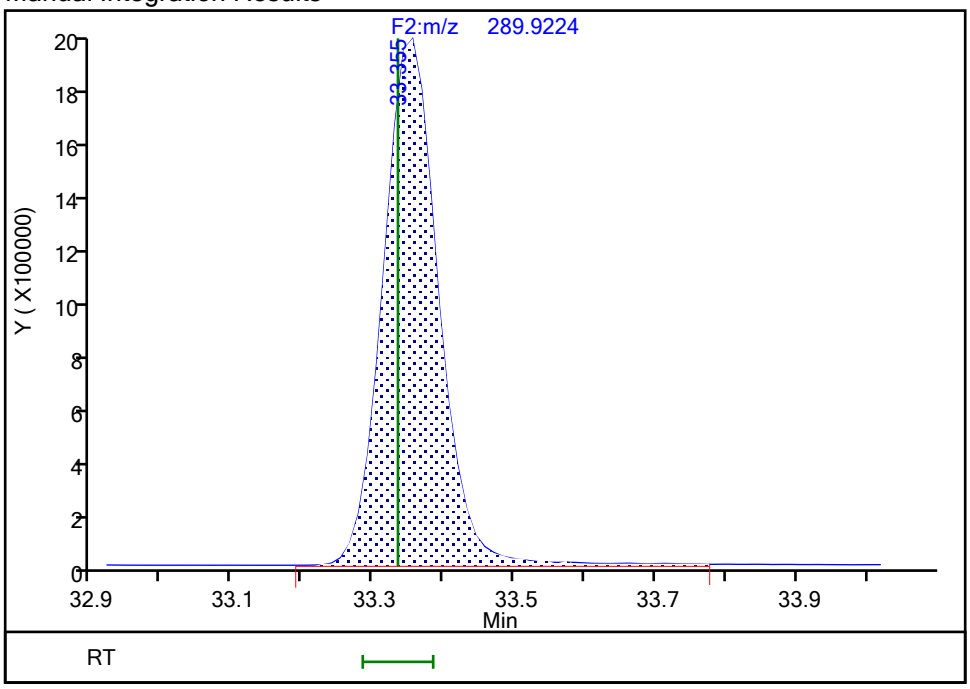
Processing Integration Results

RT: 33.36
Area: 10489800
Amount: 368.5585
Amount Units: pg/ul



Manual Integration Results

RT: 33.36
Area: 10538008
Amount: 369.2481
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:04:53 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

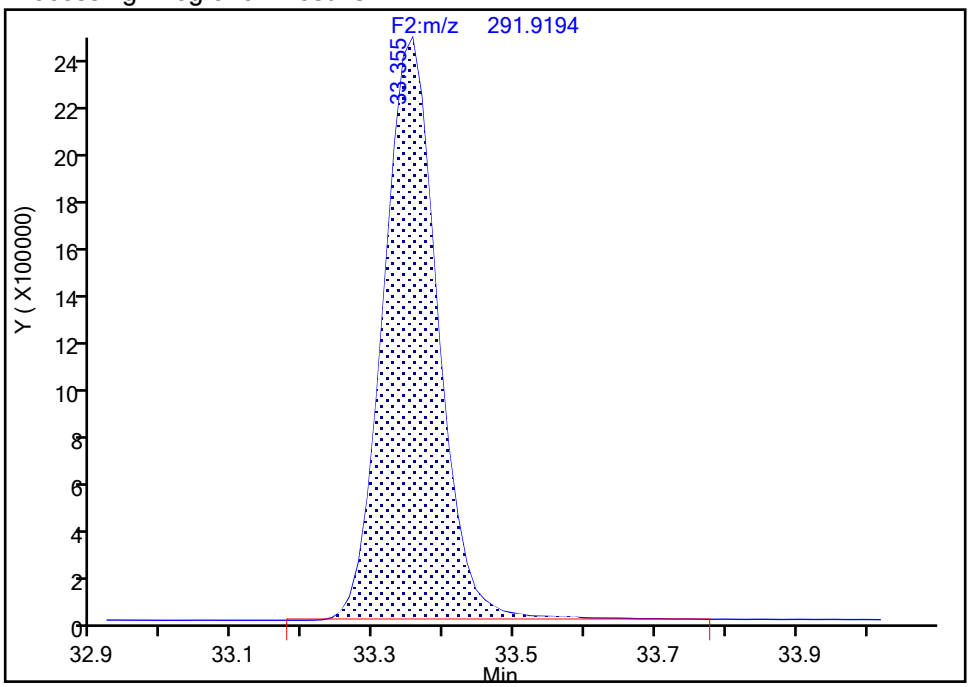
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-78, CAS: 70362-49-1

Signal: 2

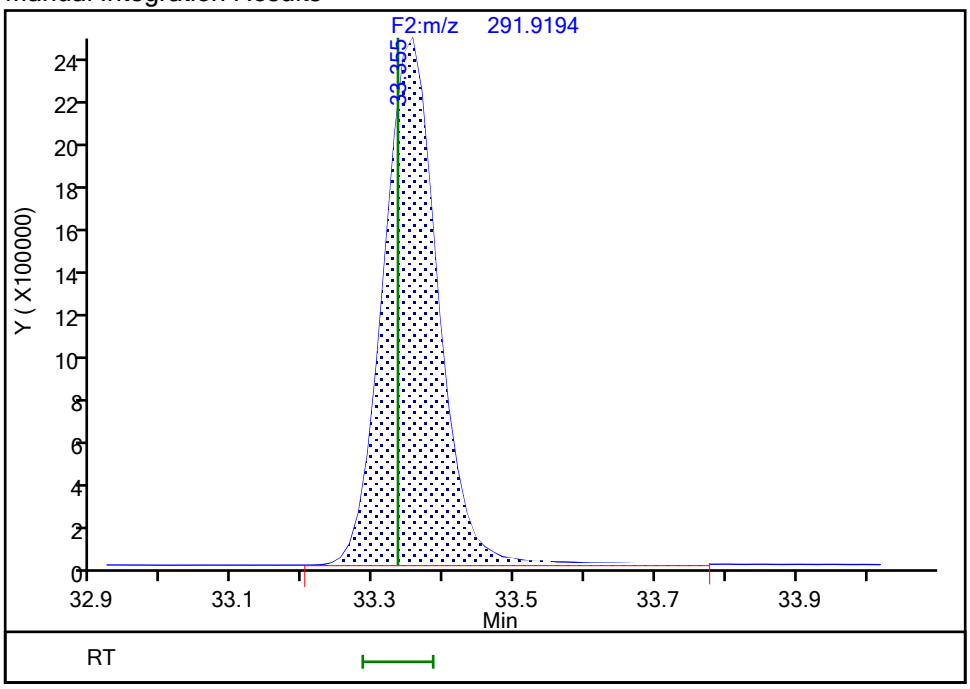
Processing Integration Results

RT: 33.36
Area: 13471989
Amount: 368.5585
Amount Units: pg/ul



Manual Integration Results

RT: 33.36
Area: 13468610
Amount: 369.2481
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:04:56 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

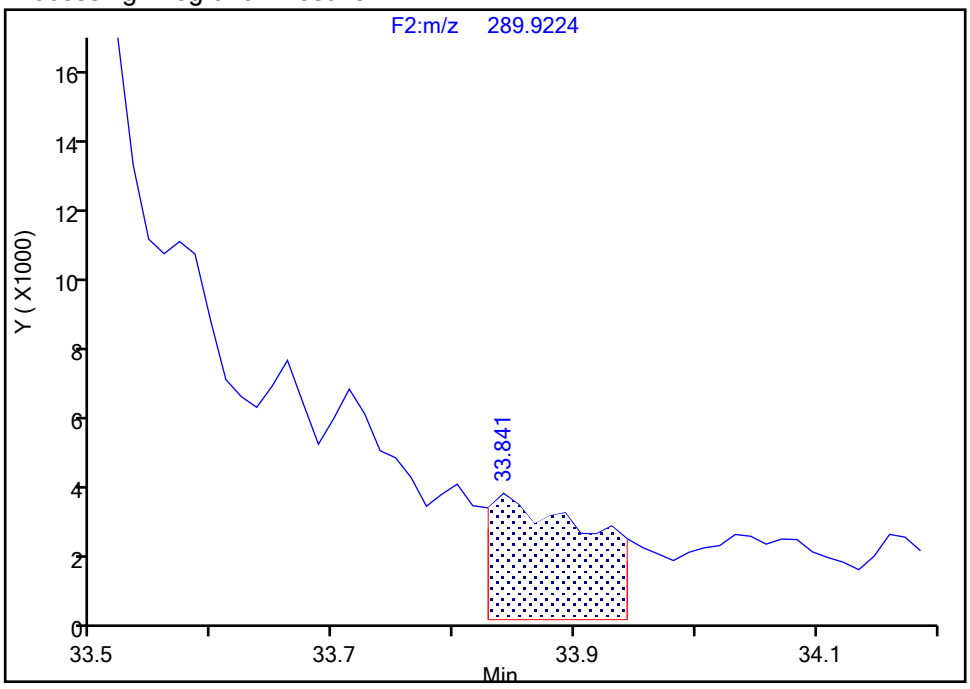
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 1

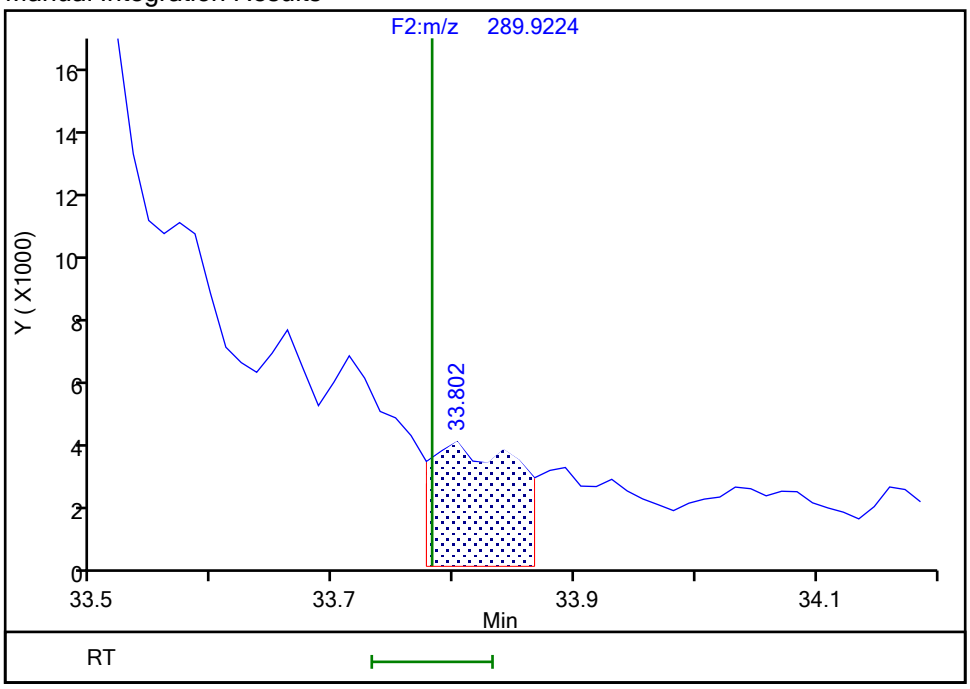
Processing Integration Results

RT: 33.84
Area: 20125
Amount: 0.882529
Amount Units: pg/ul



Manual Integration Results

RT: 33.80
Area: 18495
Amount: 0.584890
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:05:01 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

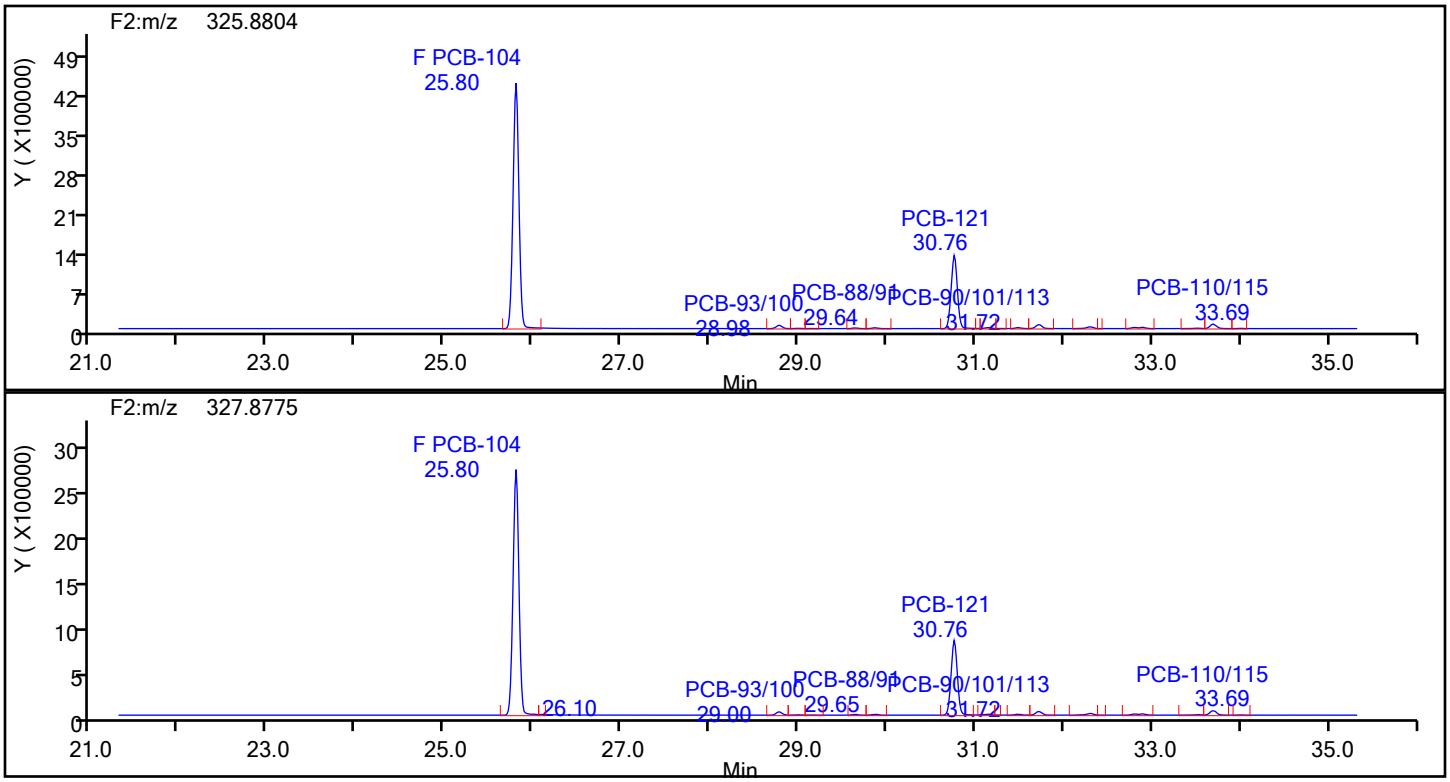
Report Date: 04-Jan-2024 23:21:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

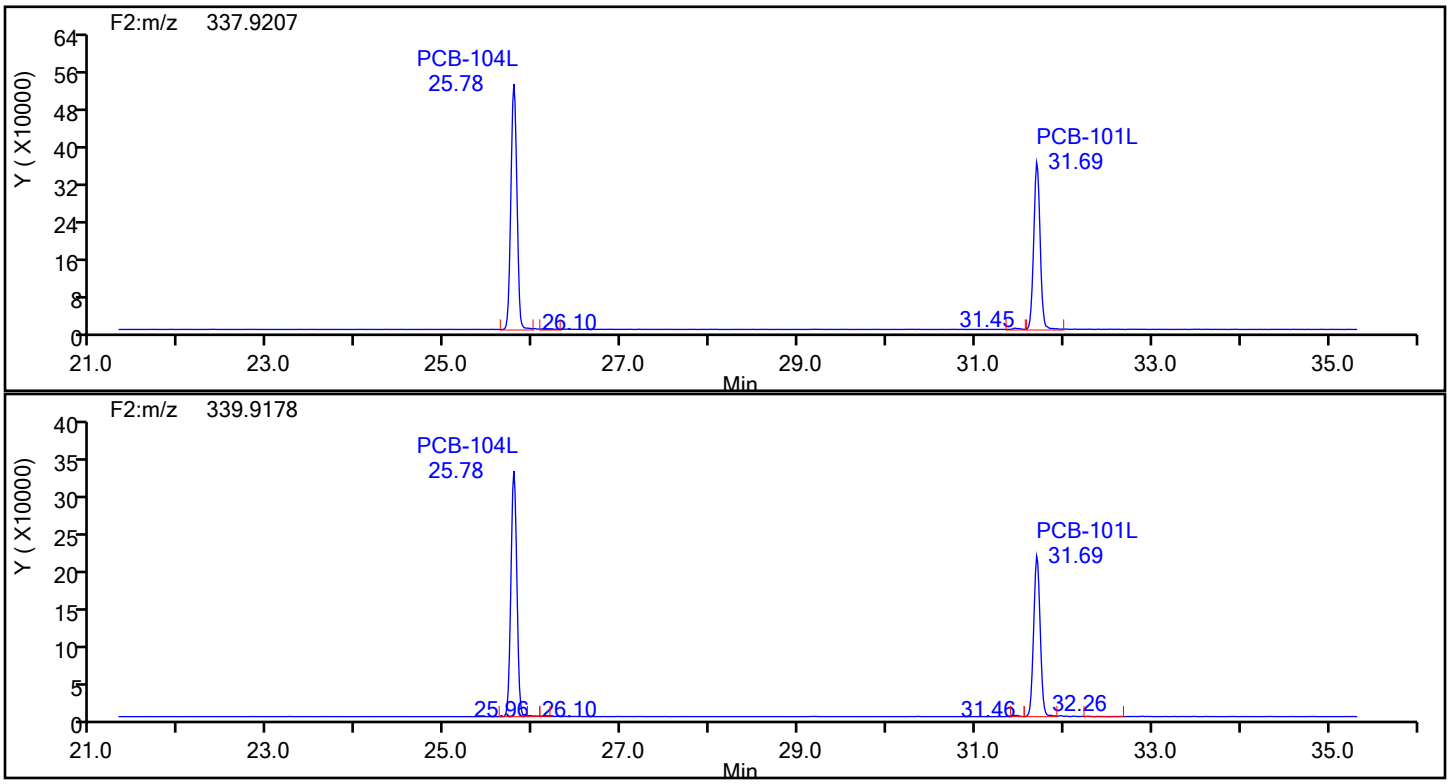
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

PePCB F2



PePCB F2 Standards

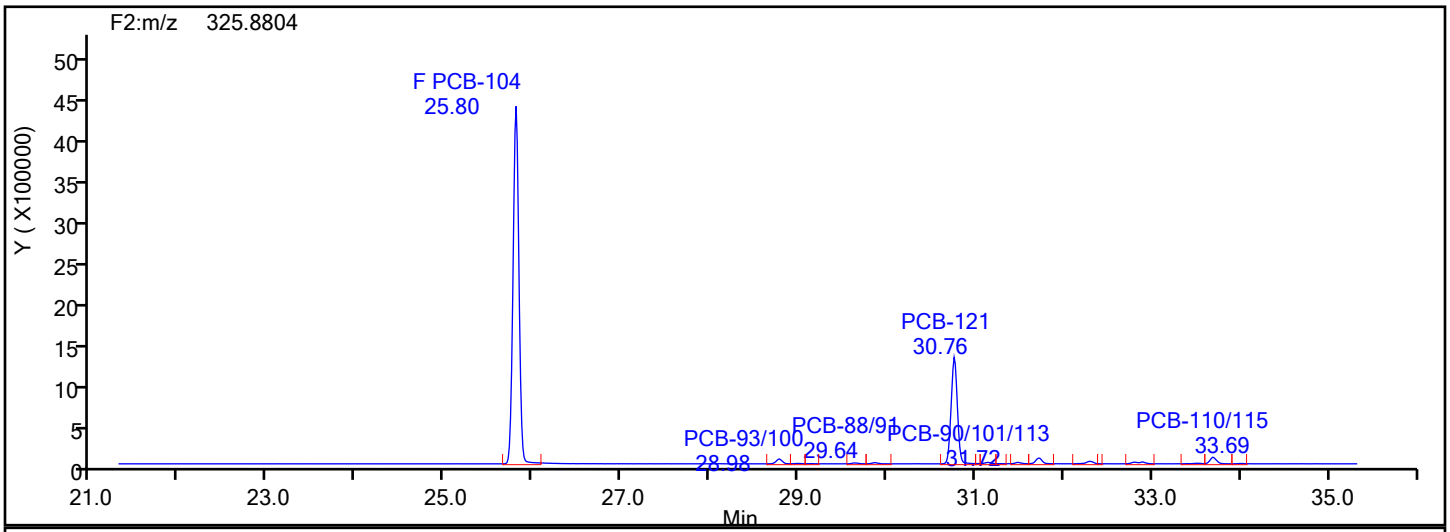


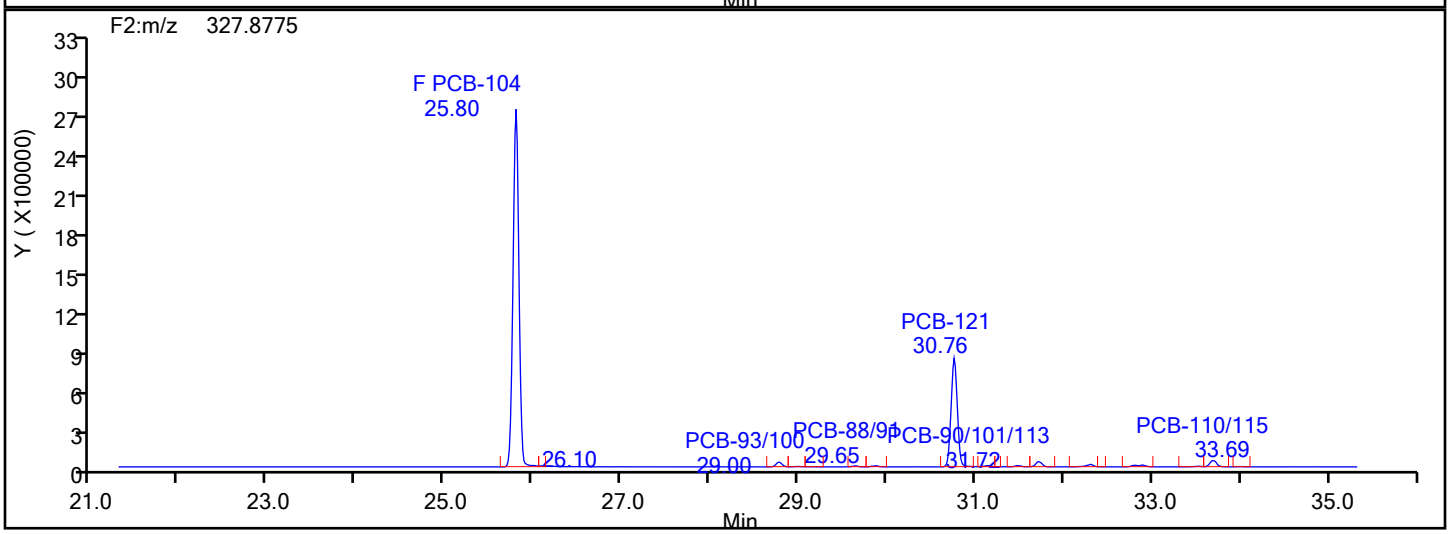
Report Date: 04-Jan-2024 23:21:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

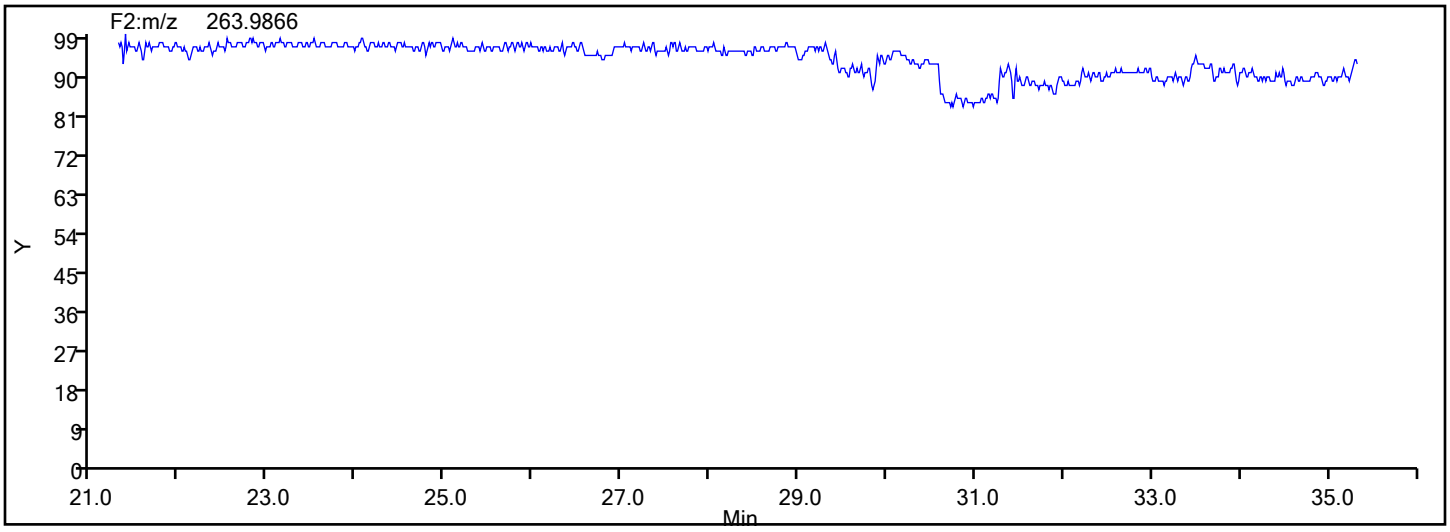
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

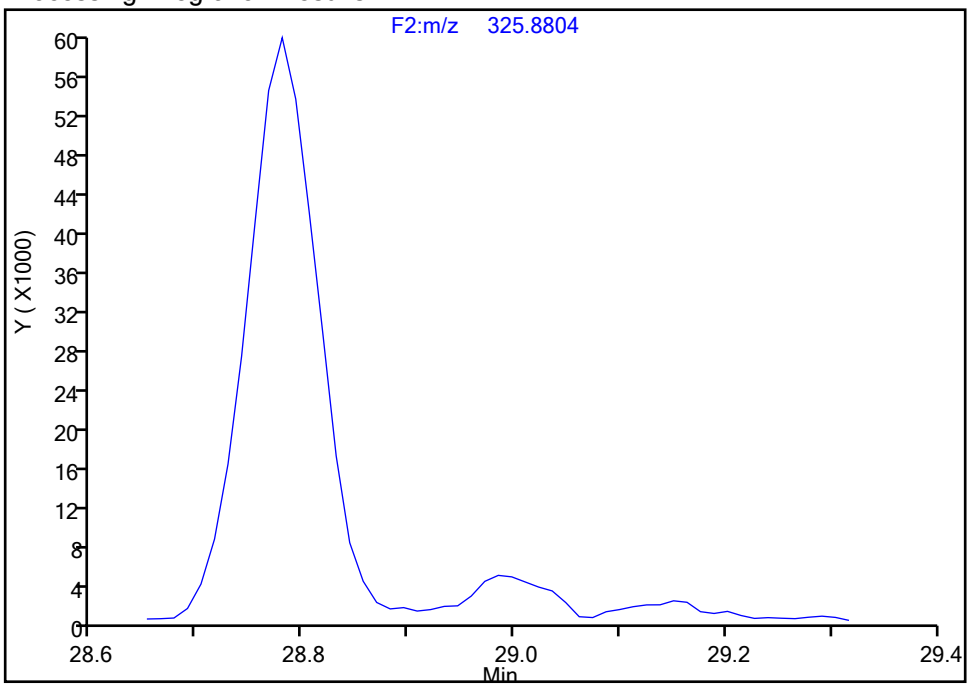
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 1

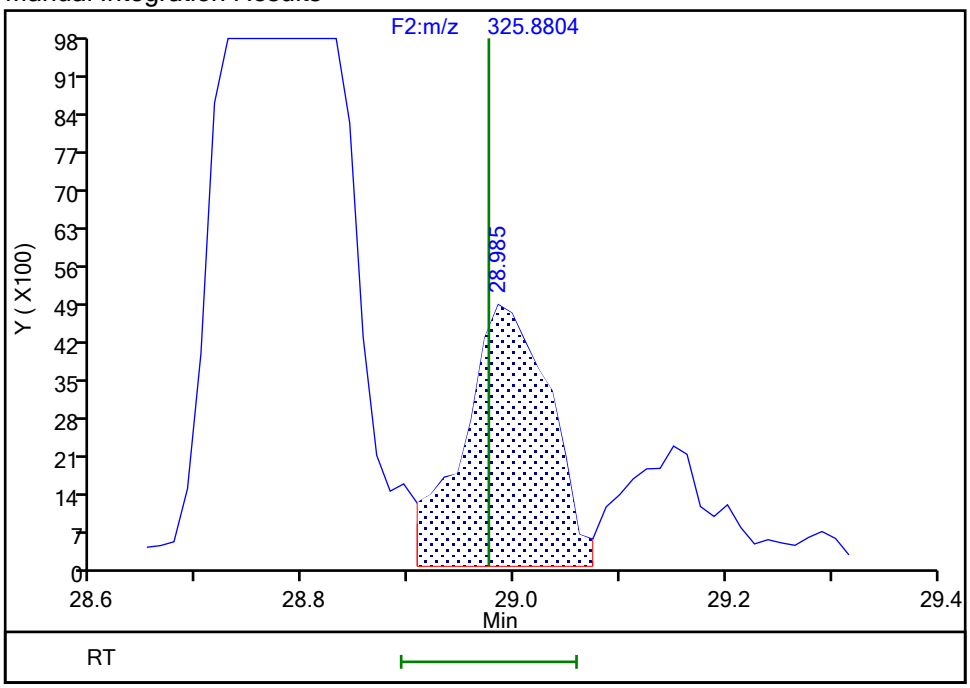
Not Detected
Expected RT: 28.98

Processing Integration Results



Manual Integration Results

RT: 28.98
Area: 26743
Amount: 1.484351
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:06:32 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

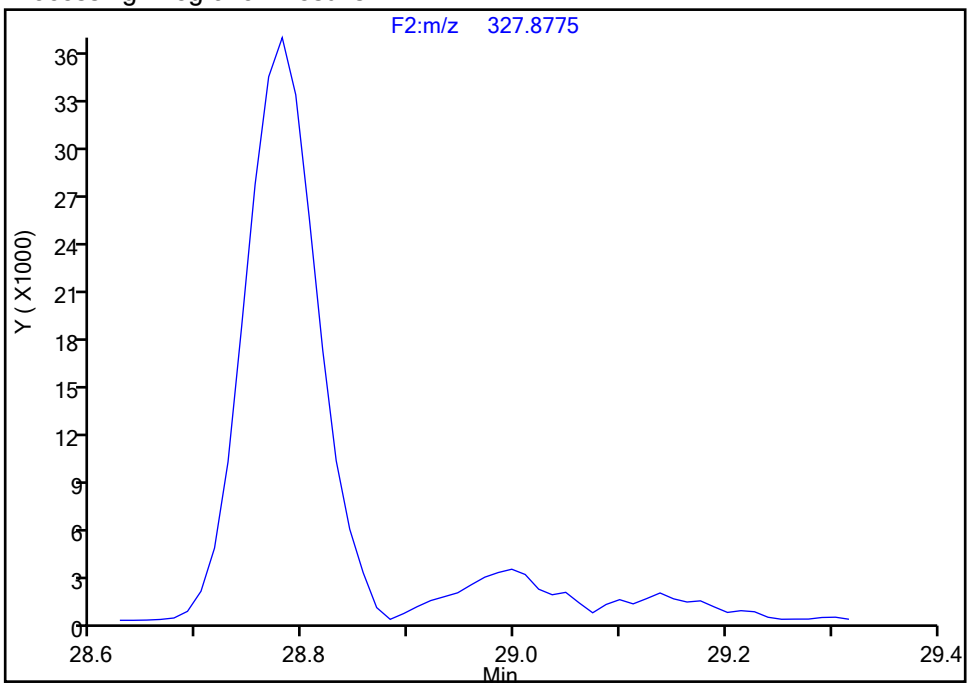
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 2

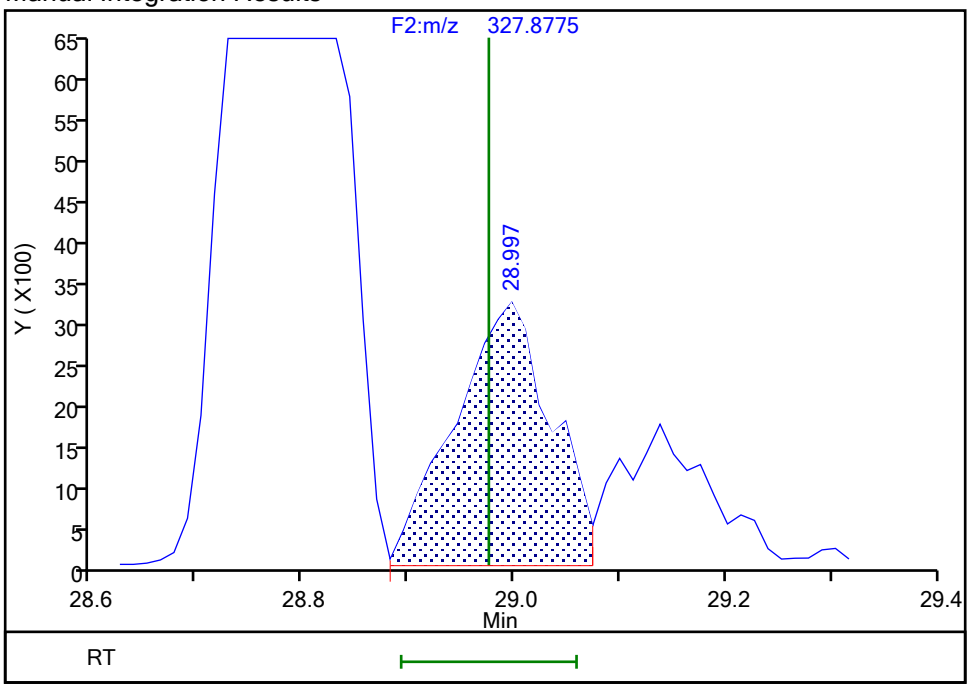
Processing Integration Results

Not Detected
Expected RT: 28.98



Manual Integration Results

RT: 29.00
Area: 20343
Amount: 1.484351
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:06:35 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

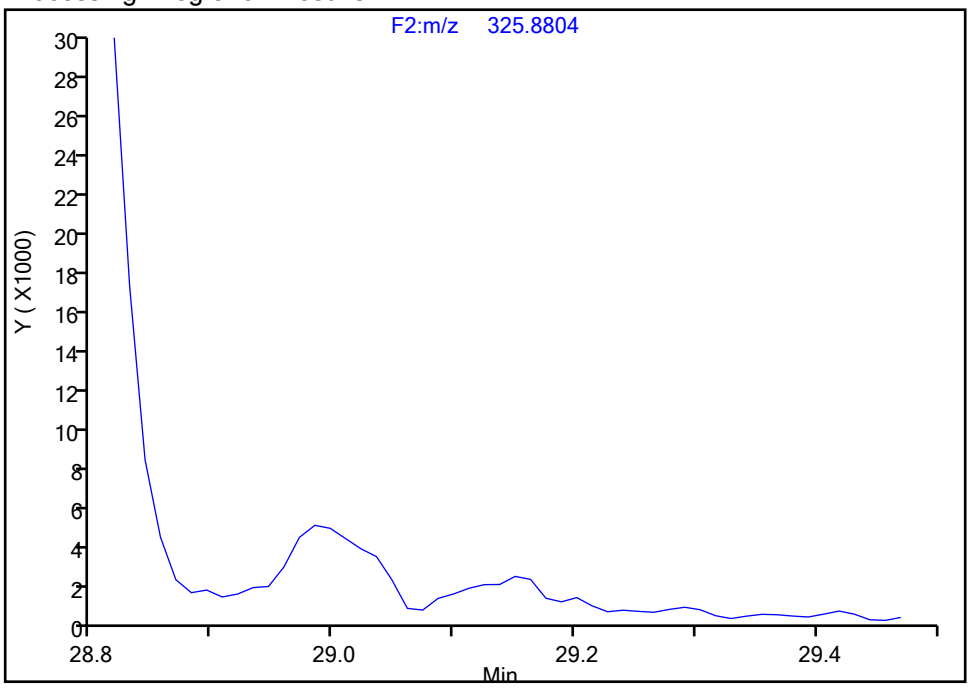
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-98/102, CAS: STL01843

Signal: 1

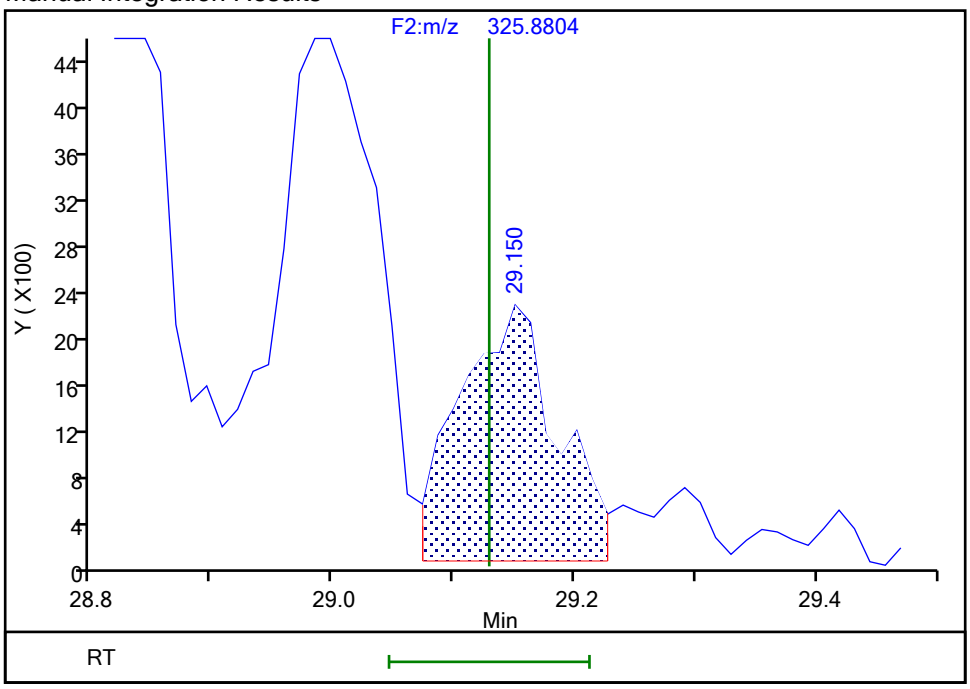
Not Detected
Expected RT: 29.13

Processing Integration Results



Manual Integration Results

RT: 29.15
Area: 12111
Amount: 0.600452
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:06:38 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

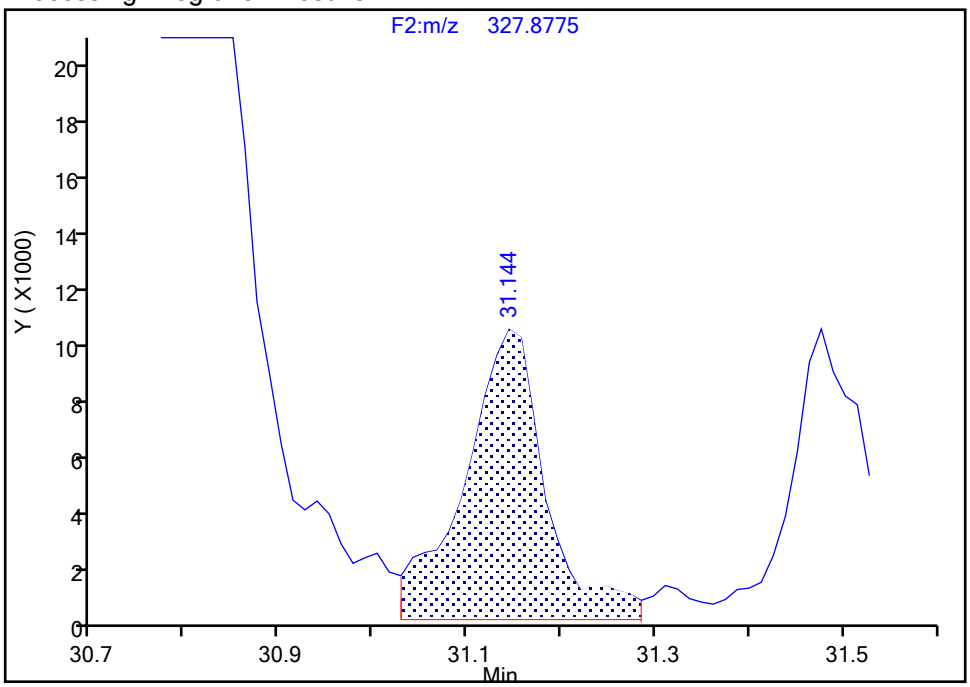
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-92, CAS: 52663-61-3

Signal: 2

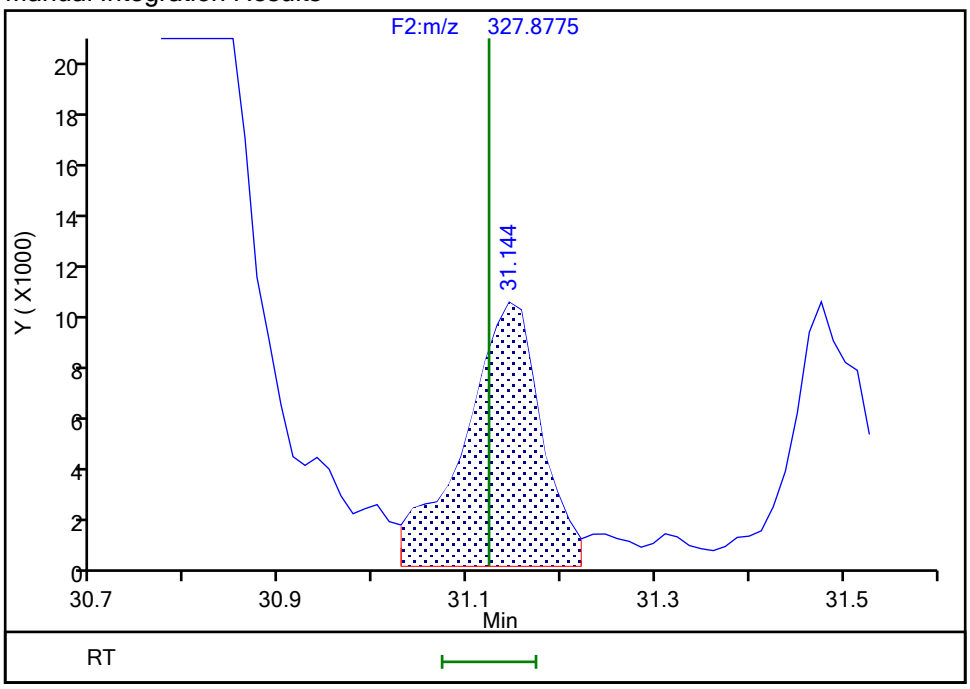
Processing Integration Results

RT: 31.14
Area: 60330
Amount: 5.535637
Amount Units: pg/ul



Manual Integration Results

RT: 31.14
Area: 56391
Amount: 4.750664
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:07:04 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

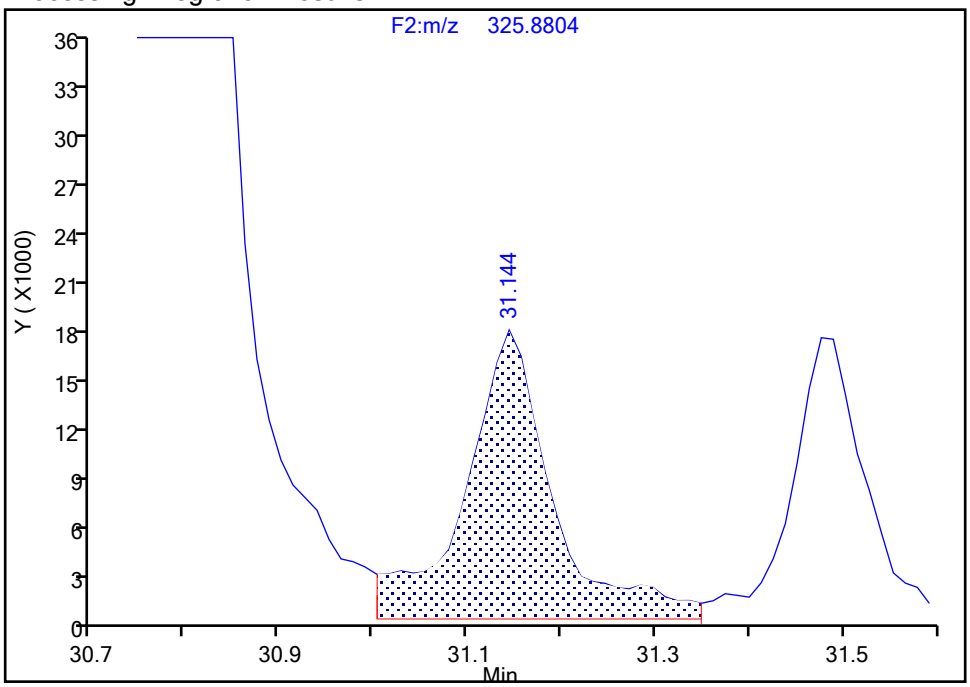
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-92, CAS: 52663-61-3

Signal: 1

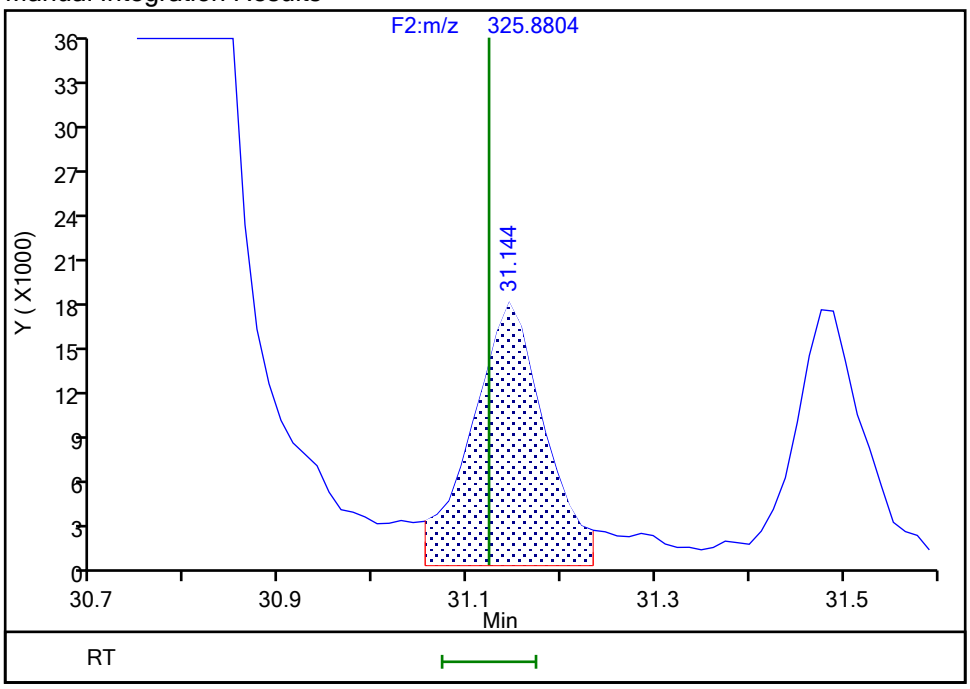
Processing Integration Results

RT: 31.14
Area: 114715
Amount: 5.535637
Amount Units: pg/ul



Manual Integration Results

RT: 31.14
Area: 93832
Amount: 4.750664
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:07:09 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

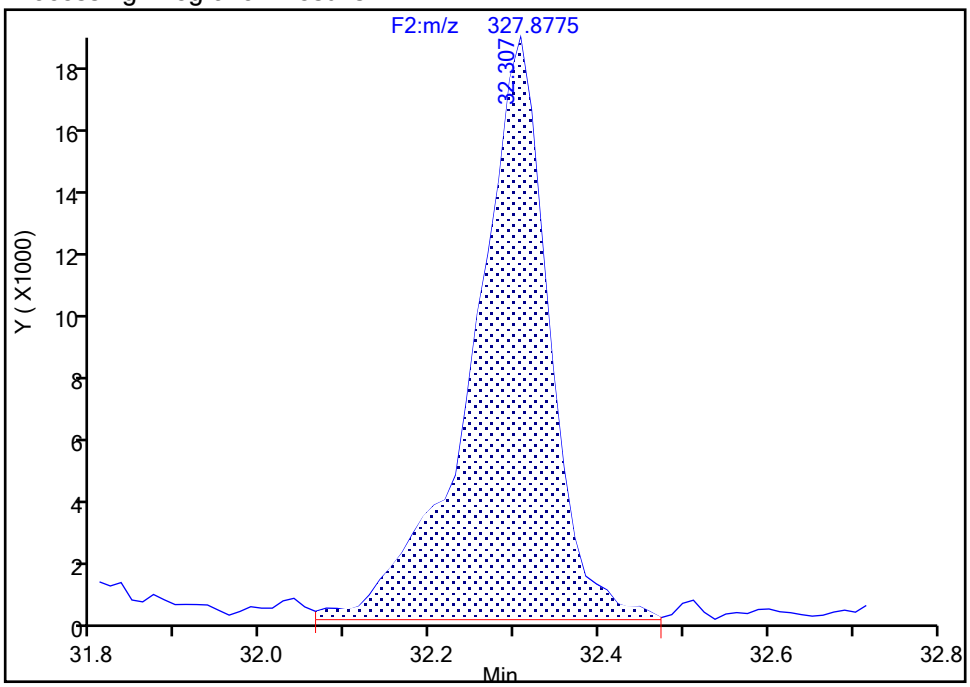
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-83/99, CAS: STL01809

Signal: 2

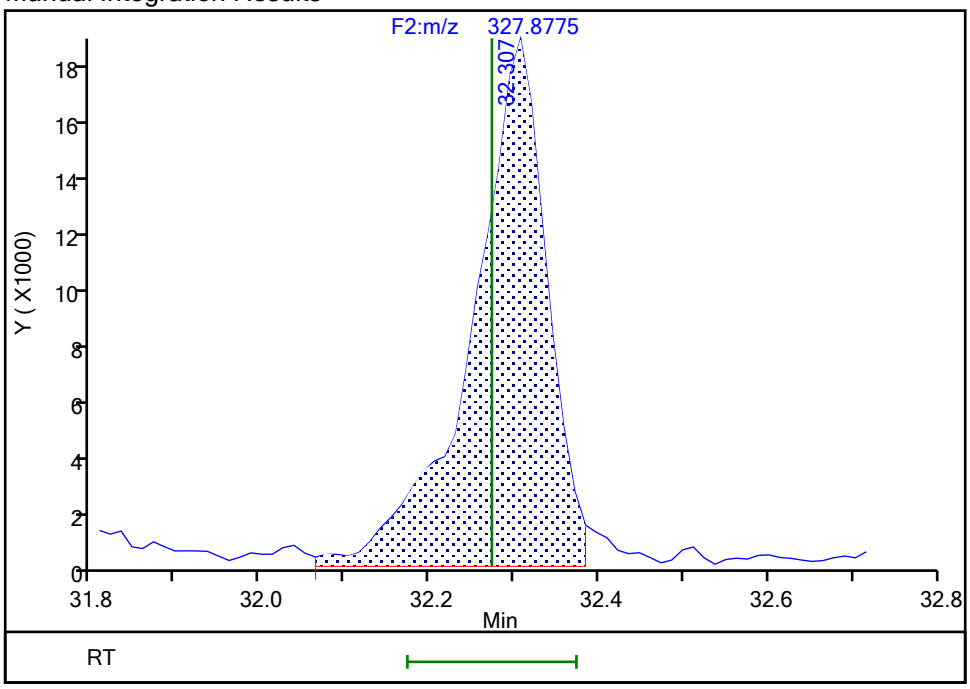
Processing Integration Results

RT: 32.31
Area: 120099
Amount: 8.496540
Amount Units: pg/ul



Manual Integration Results

RT: 32.31
Area: 116553
Amount: 8.409587
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:08:02 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

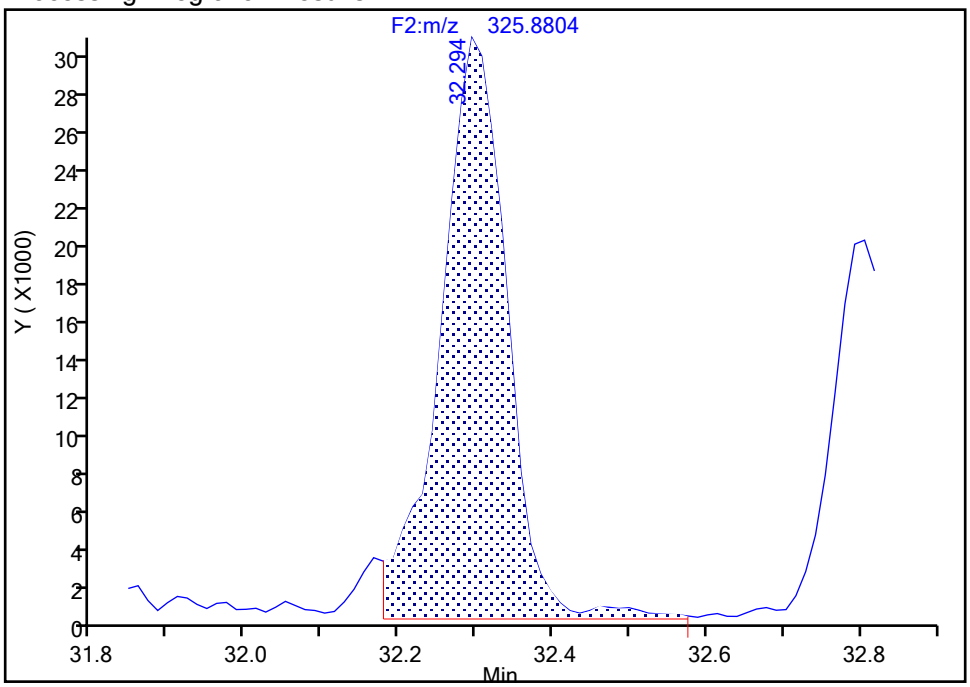
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-83/99, CAS: STL01809

Signal: 1

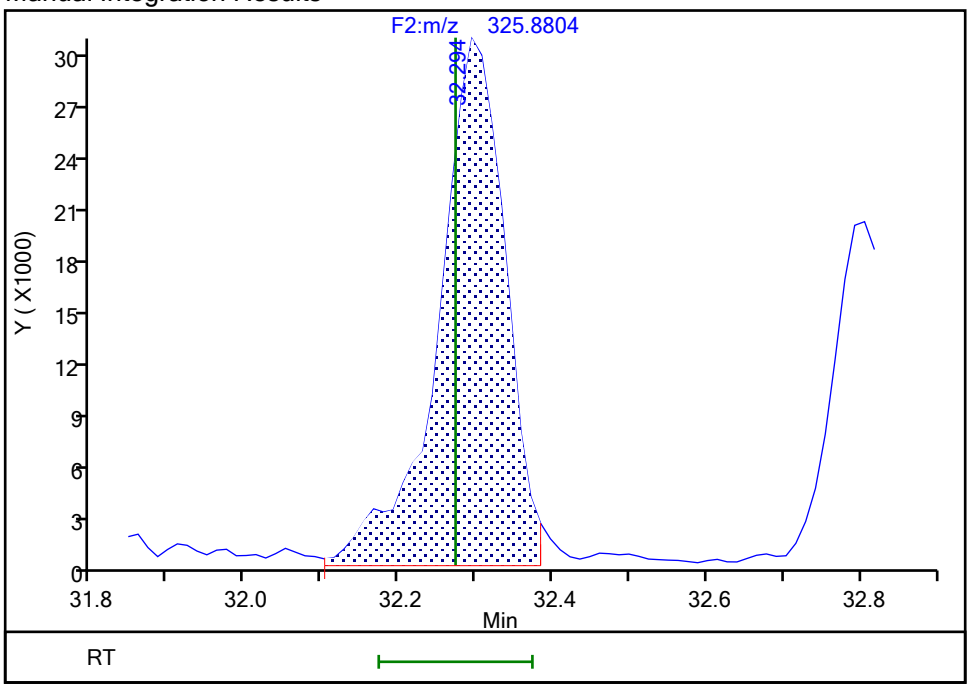
Processing Integration Results

RT: 32.29
Area: 184571
Amount: 8.496540
Amount Units: pg/ul



Manual Integration Results

RT: 32.29
Area: 184999
Amount: 8.409587
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:08:04 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

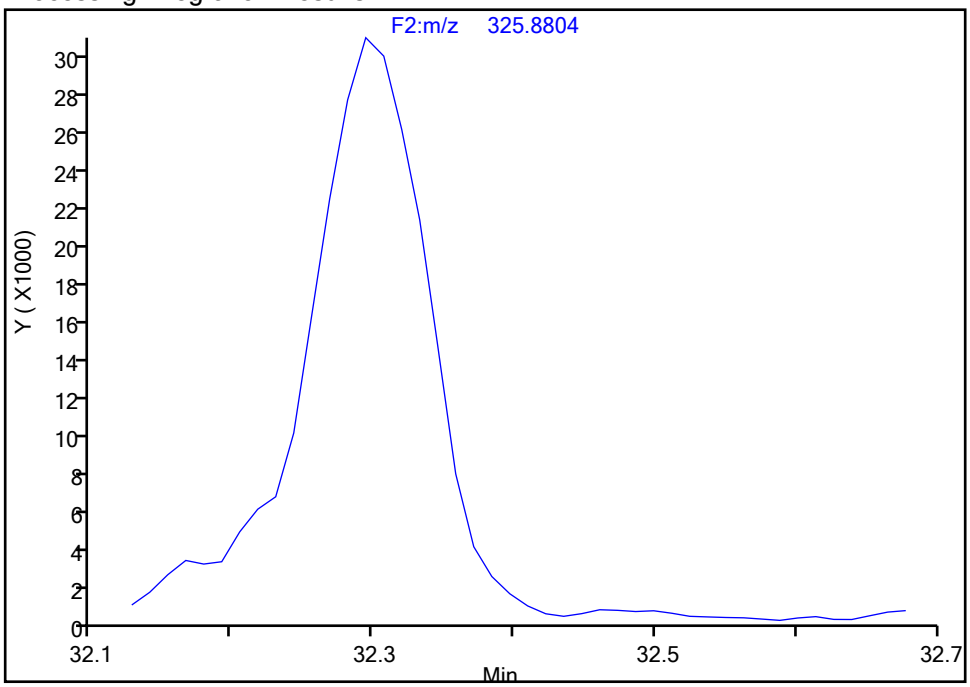
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-112, CAS: 74472-36-9

Signal: 1

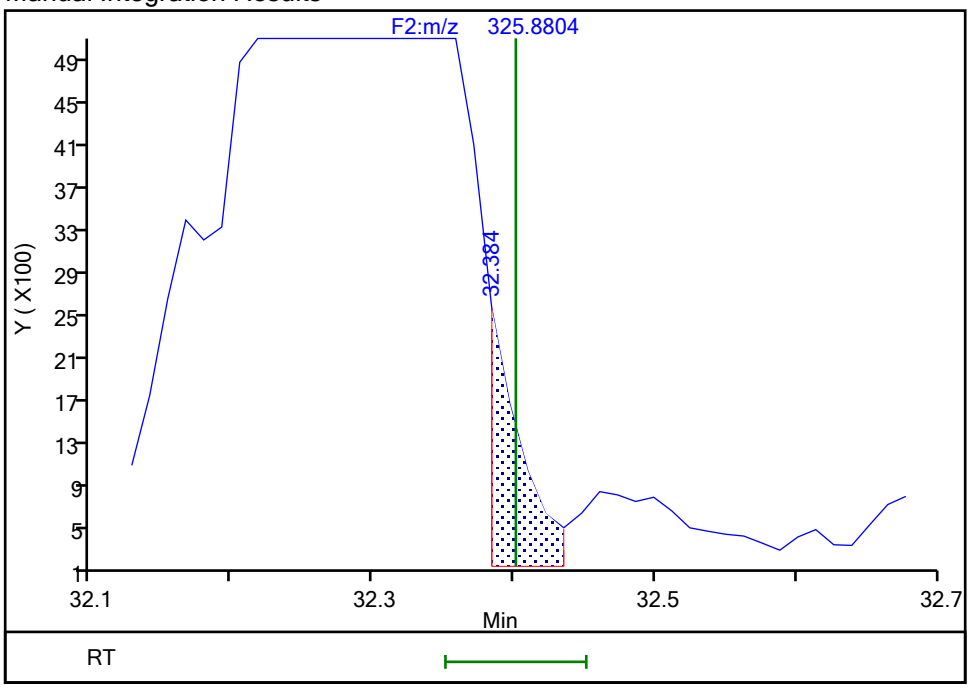
Not Detected
Expected RT: 32.40

Processing Integration Results



Manual Integration Results

RT: 32.38
Area: 3284
Amount: 0.119126
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:08:09 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Eurofins Knoxville

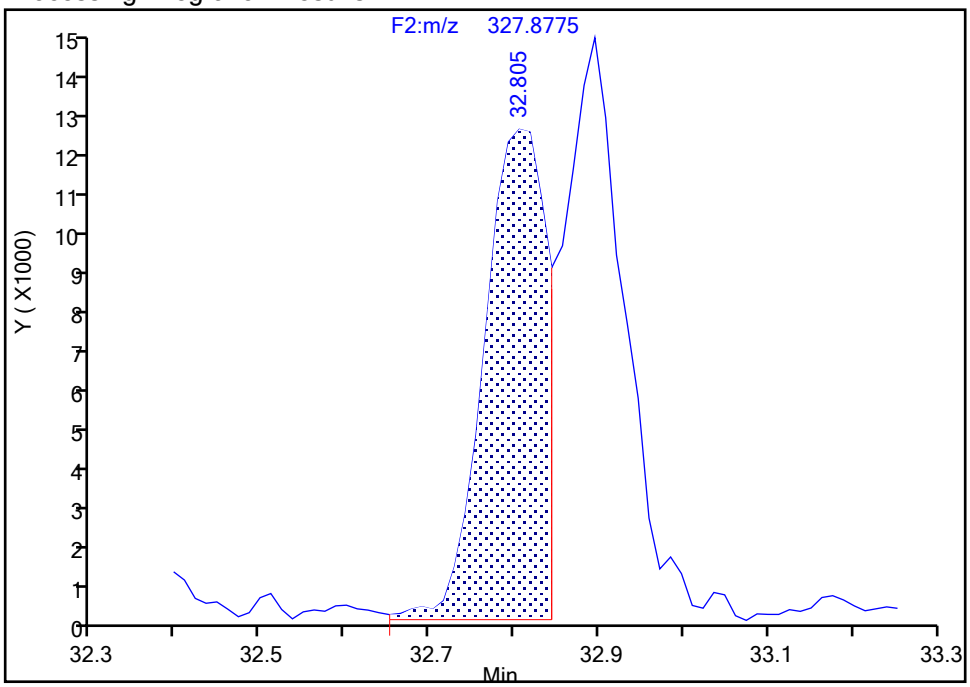
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

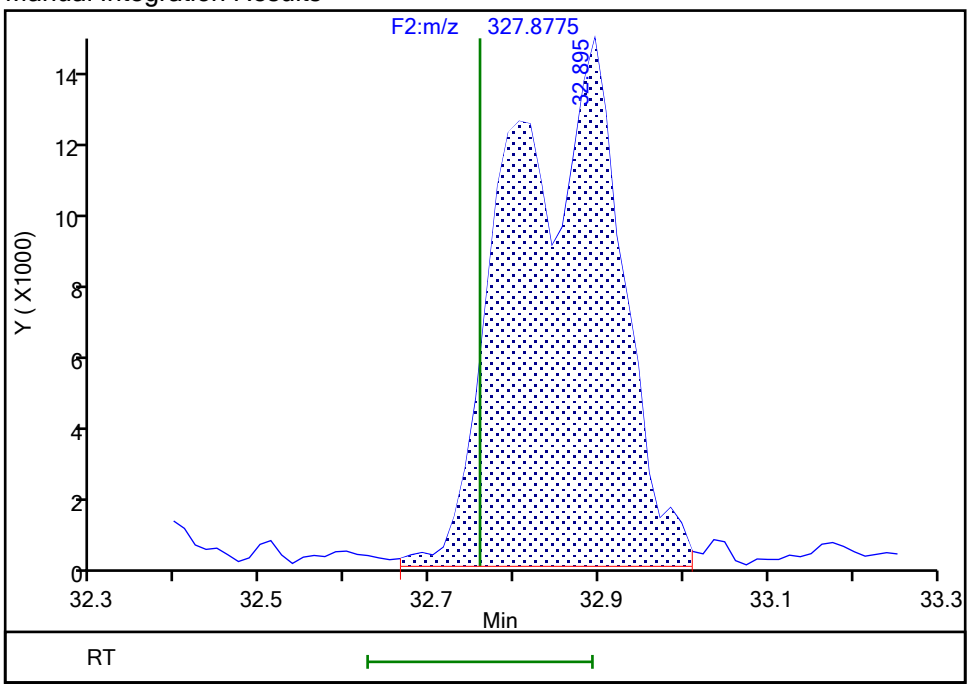
Processing Integration Results

RT: 32.81
Area: 60087
Amount: 4.028375
Amount Units: pg/ul



Manual Integration Results

RT: 32.89
Area: 131388
Amount: 8.094317
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:08:22 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

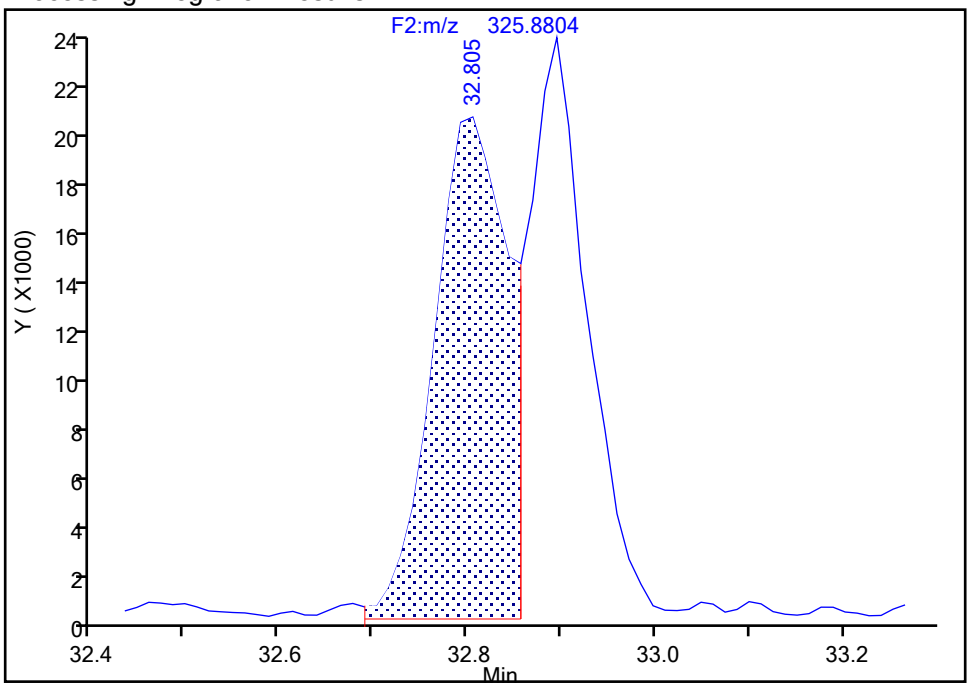
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

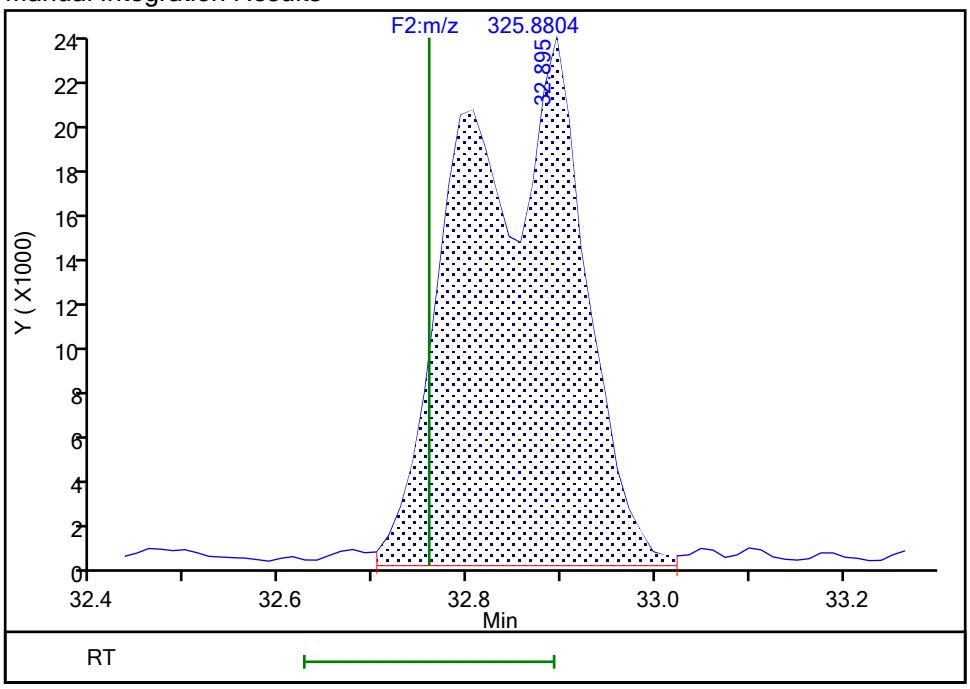
Processing Integration Results

RT: 32.81
Area: 107728
Amount: 4.028375
Amount Units: pg/ul



Manual Integration Results

RT: 32.89
Area: 205807
Amount: 8.094317
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:08:29 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

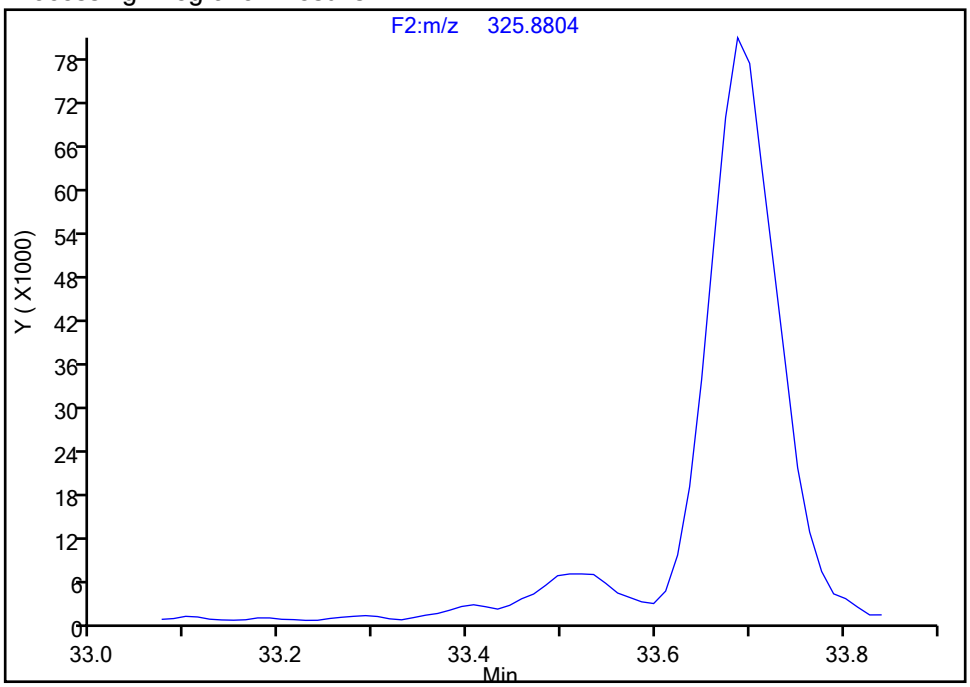
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 1

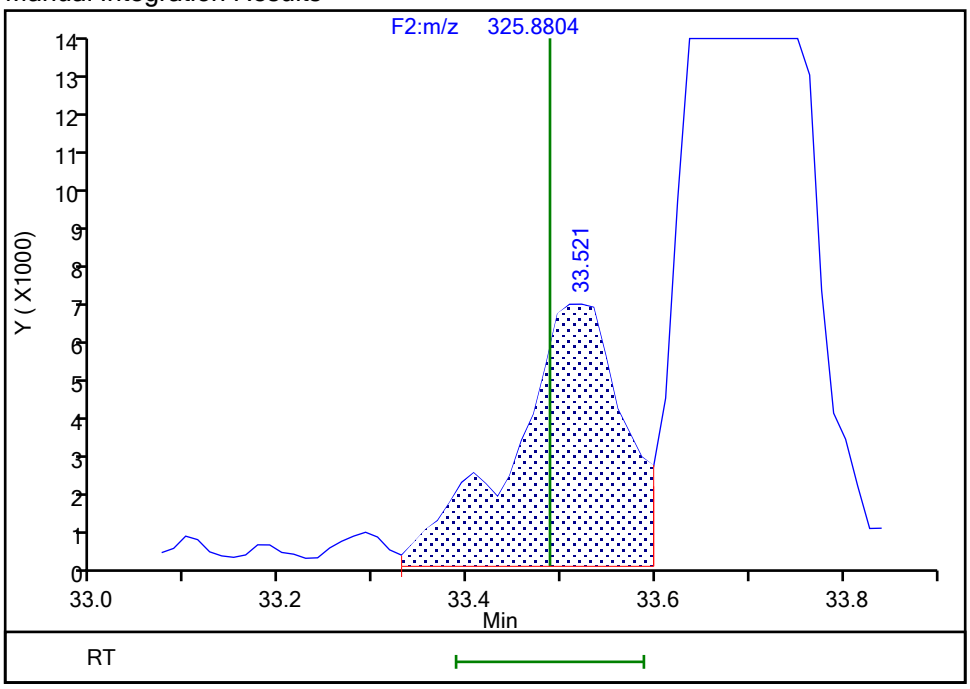
Not Detected
Expected RT: 33.49

Processing Integration Results



Manual Integration Results

RT: 33.52
Area: 52955
Amount: 2.113953
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:08:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

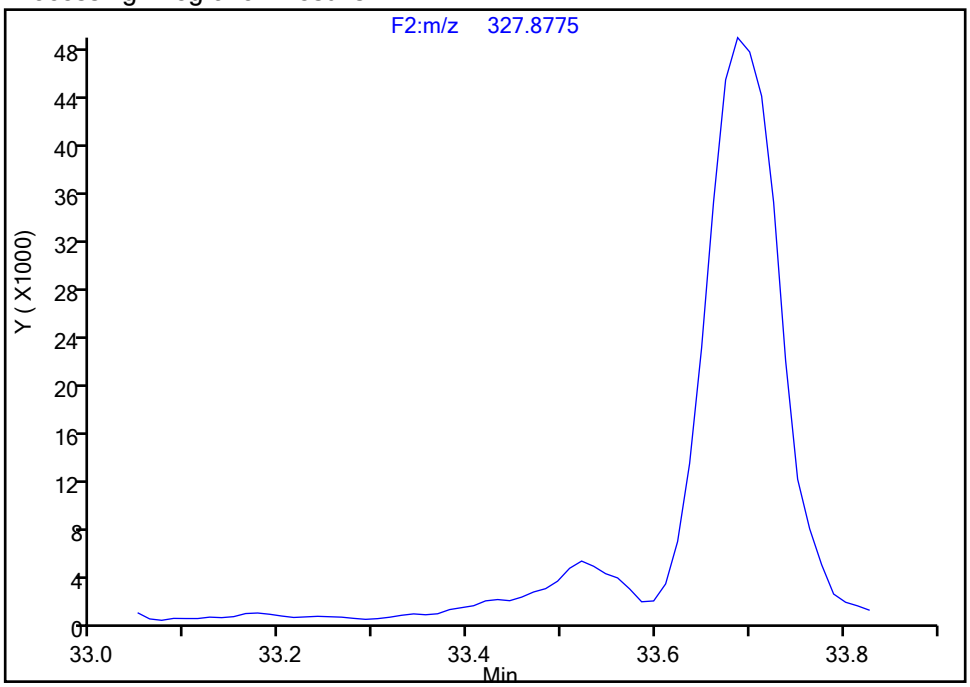
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 2

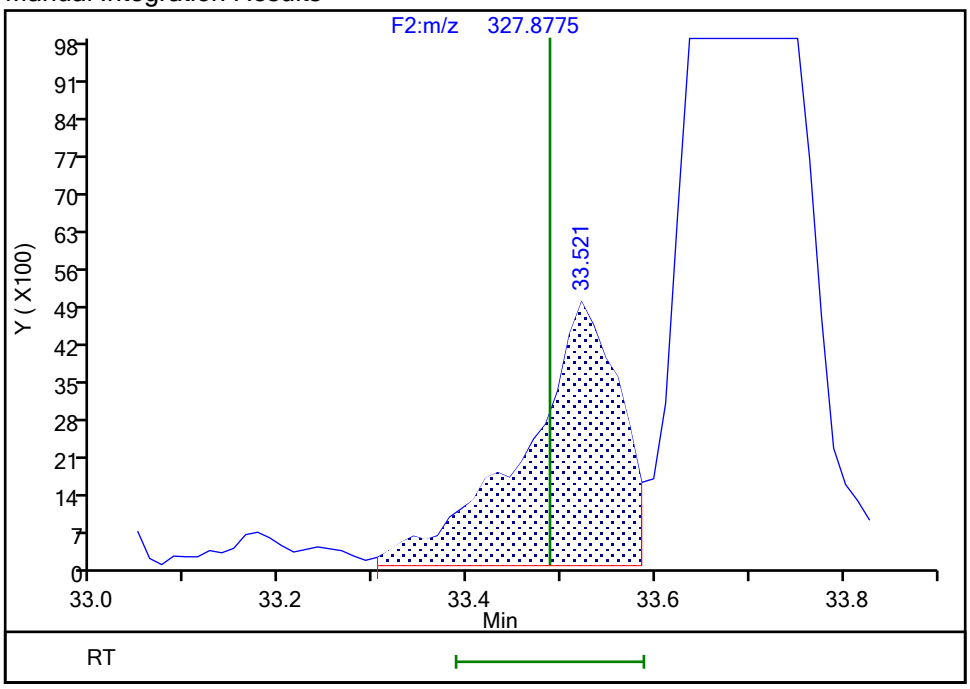
Processing Integration Results

Not Detected
Expected RT: 33.49



Manual Integration Results

RT: 33.52
Area: 34722
Amount: 2.113953
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:08:48 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

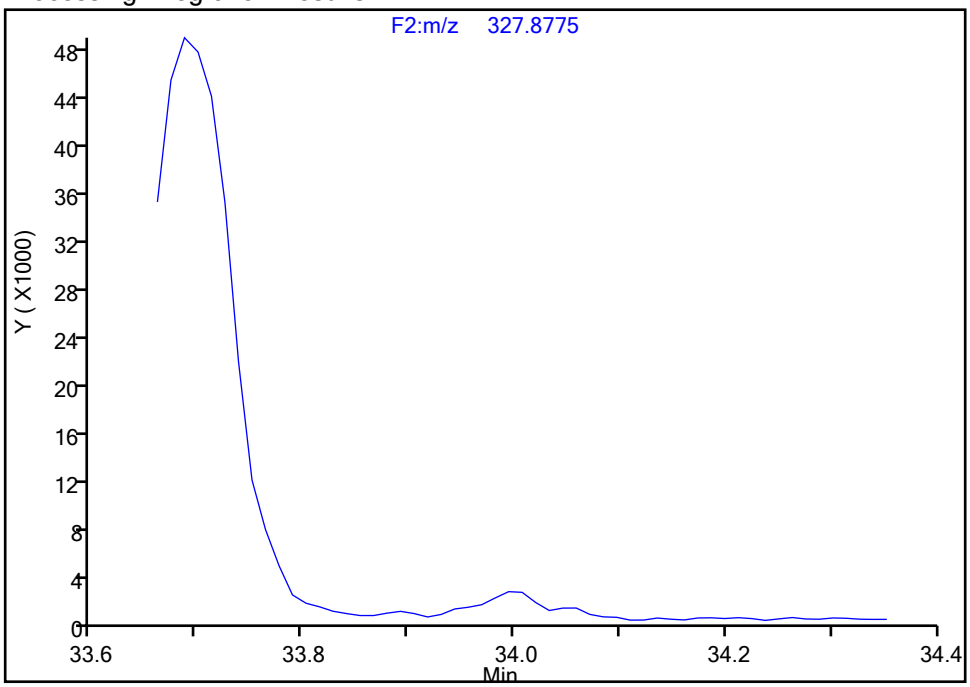
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-82, CAS: 52663-62-4

Signal: 2

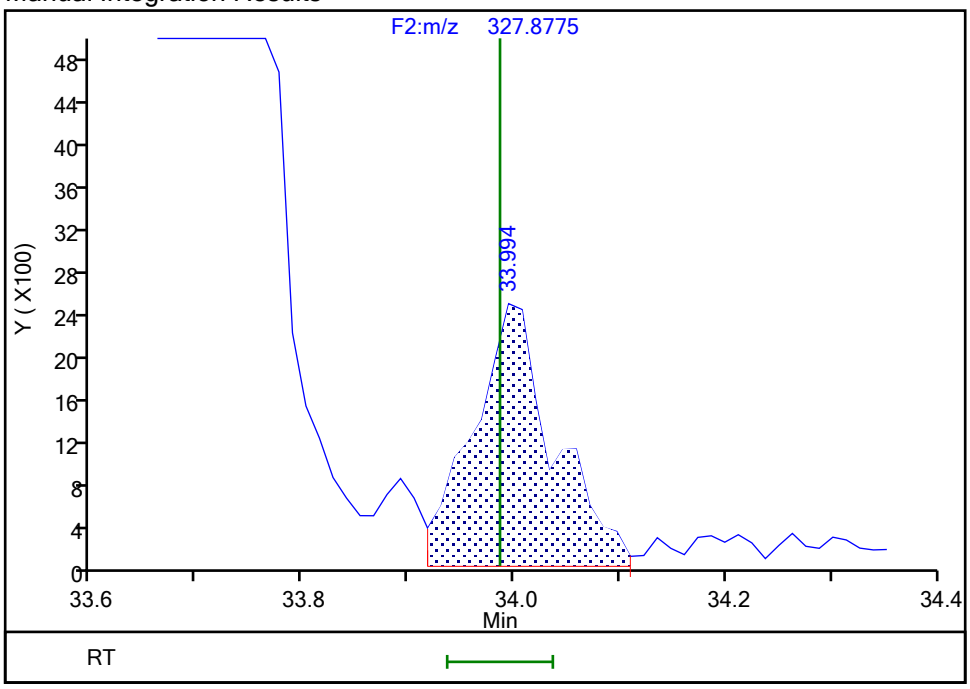
Not Detected
Expected RT: 33.99

Processing Integration Results



Manual Integration Results

RT: 33.99
Area: 12924
Amount: 0.984622
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:08:56 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

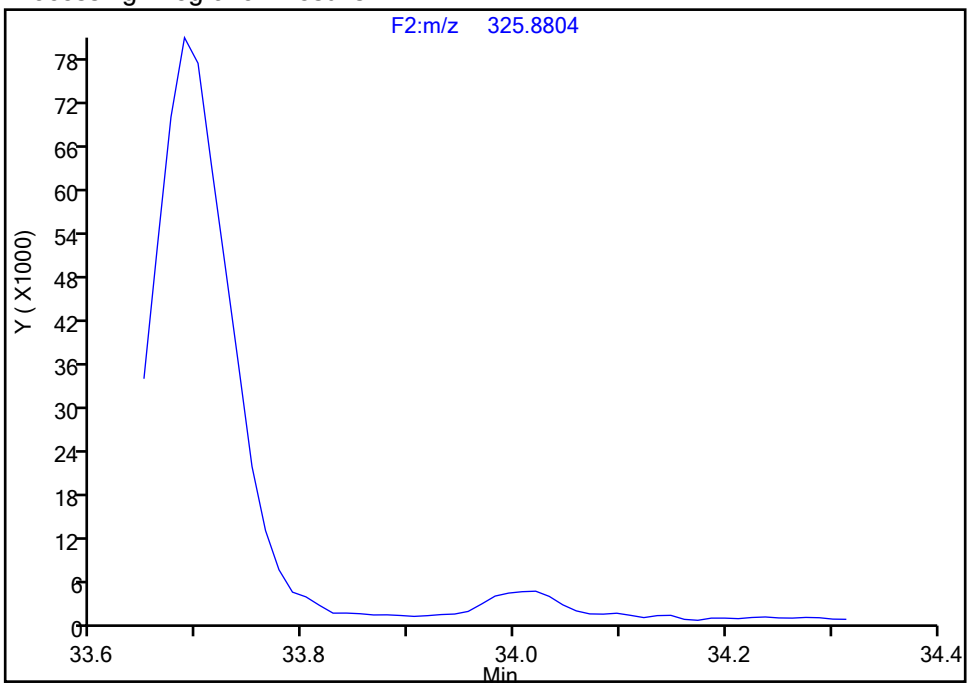
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-82, CAS: 52663-62-4

Signal: 1

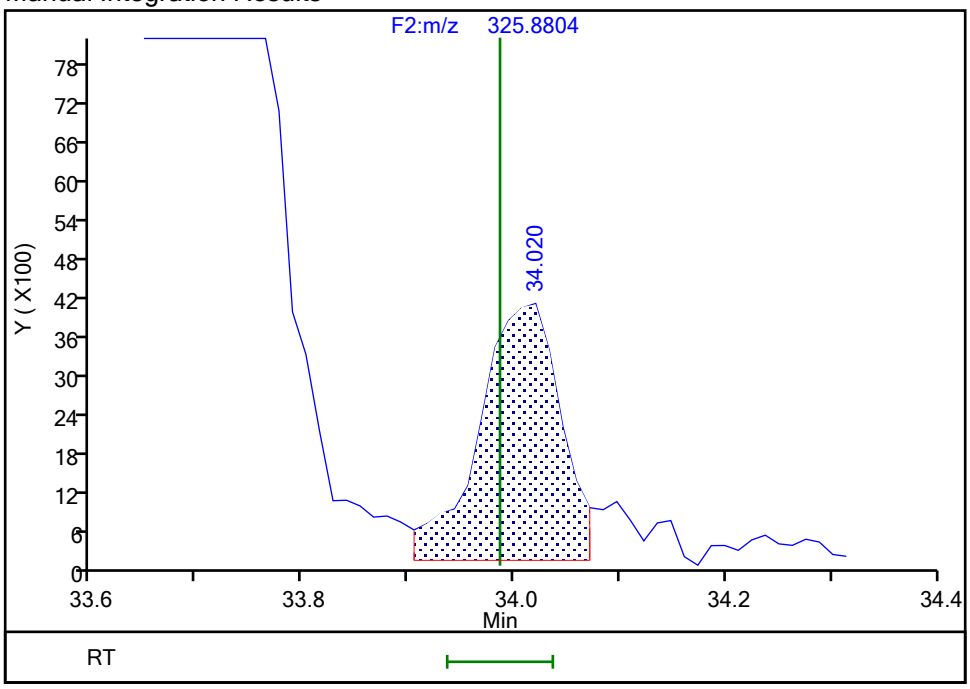
Not Detected
Expected RT: 33.99

Processing Integration Results



Manual Integration Results

RT: 34.02
Area: 21061
Amount: 0.984622
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:09:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

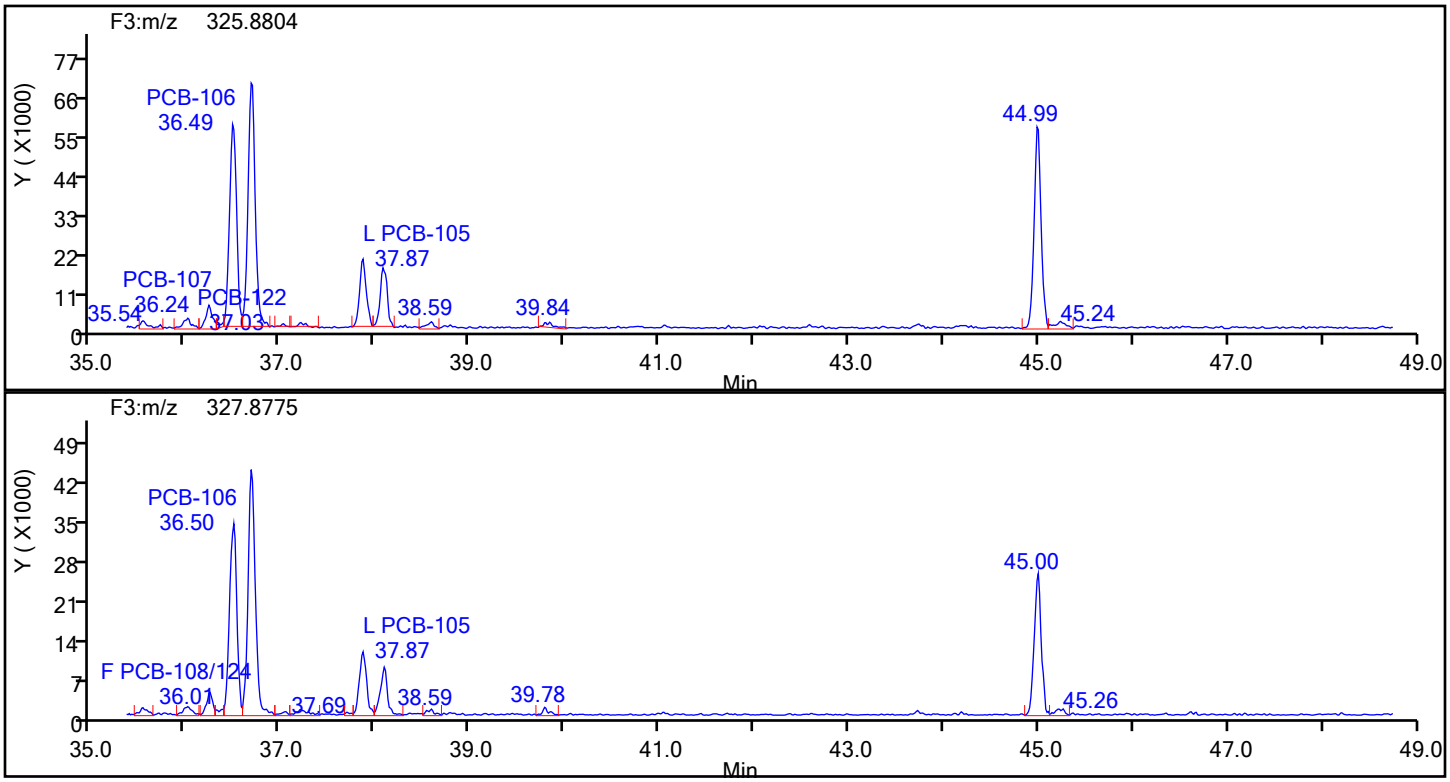
Report Date: 04-Jan-2024 23:21:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

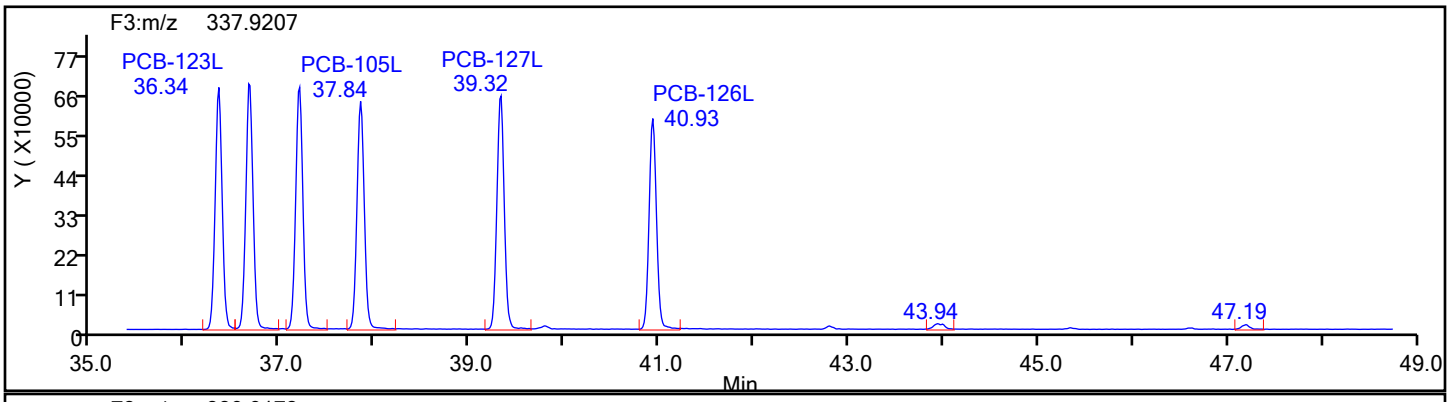
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

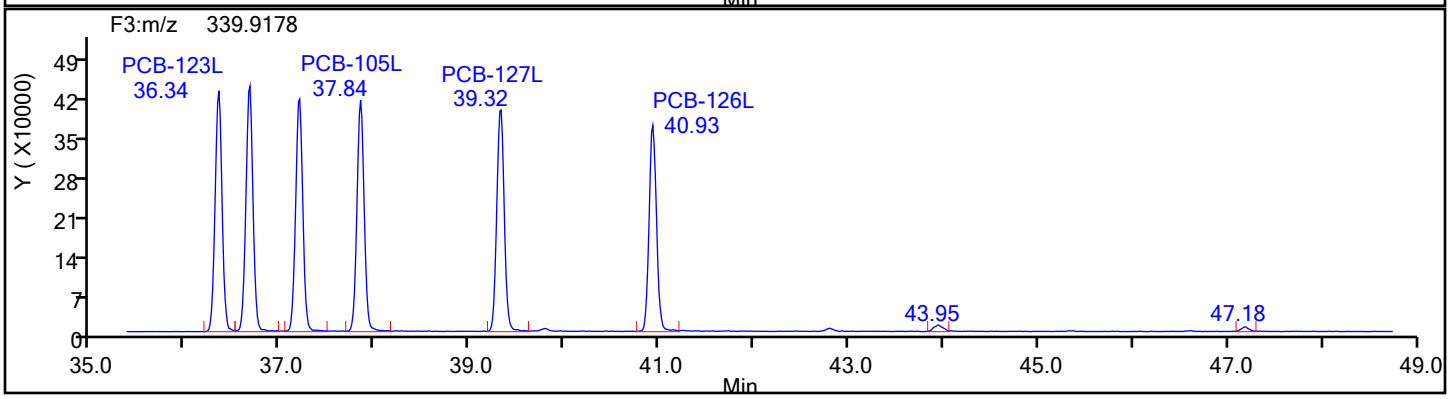
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards



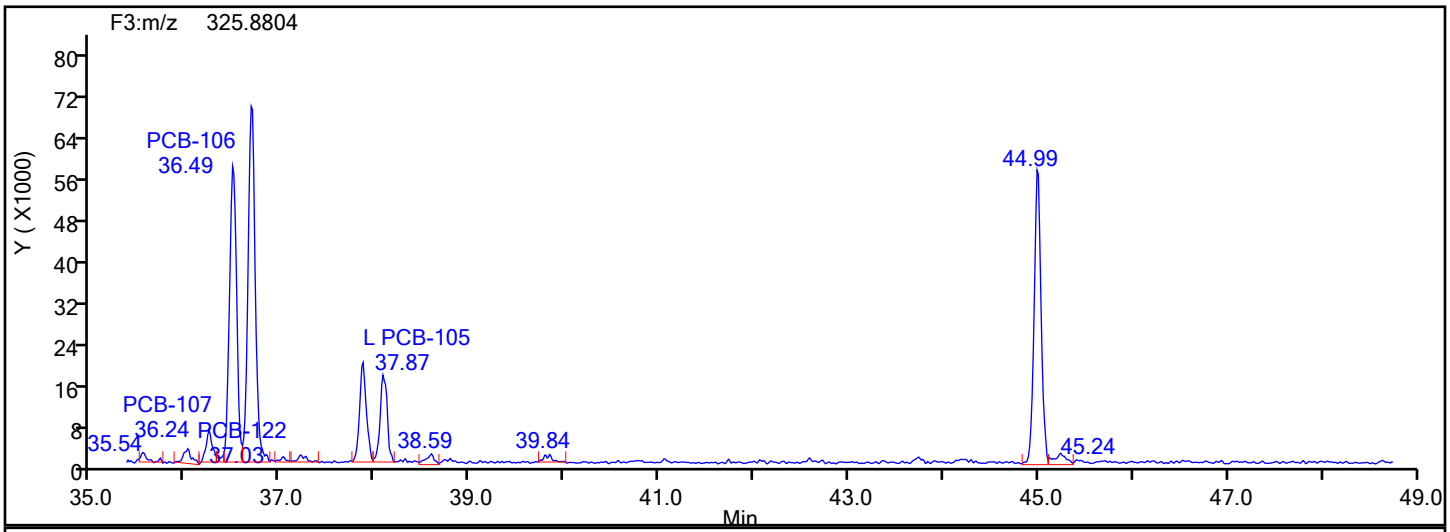


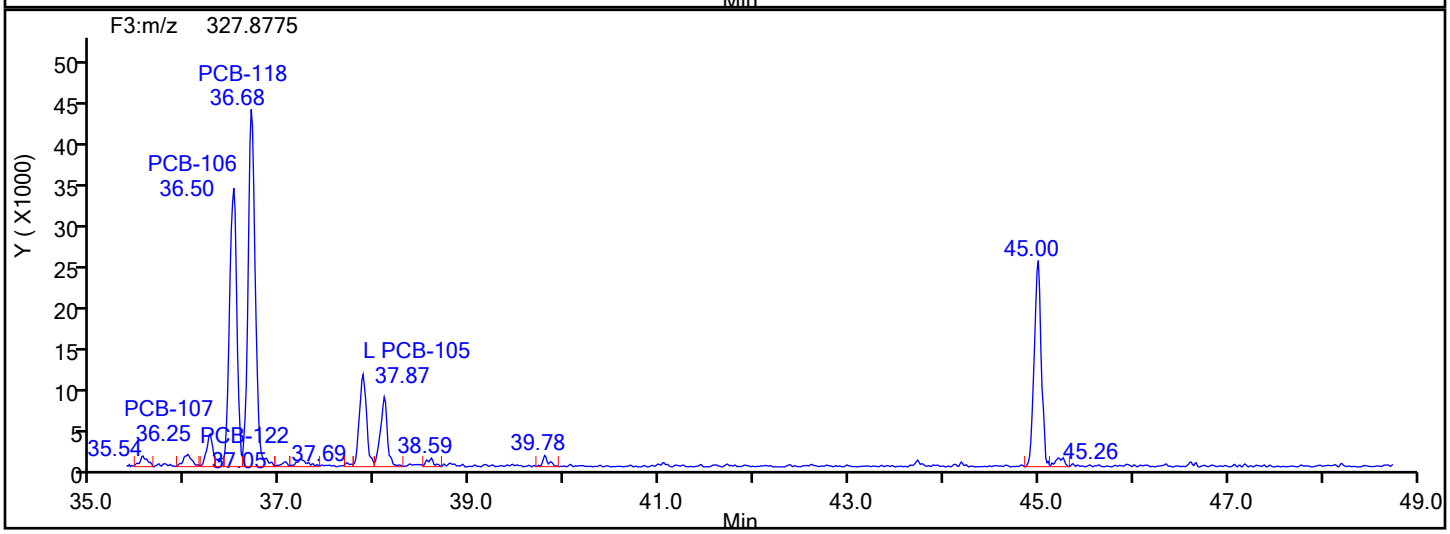
Report Date: 04-Jan-2024 23:21:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

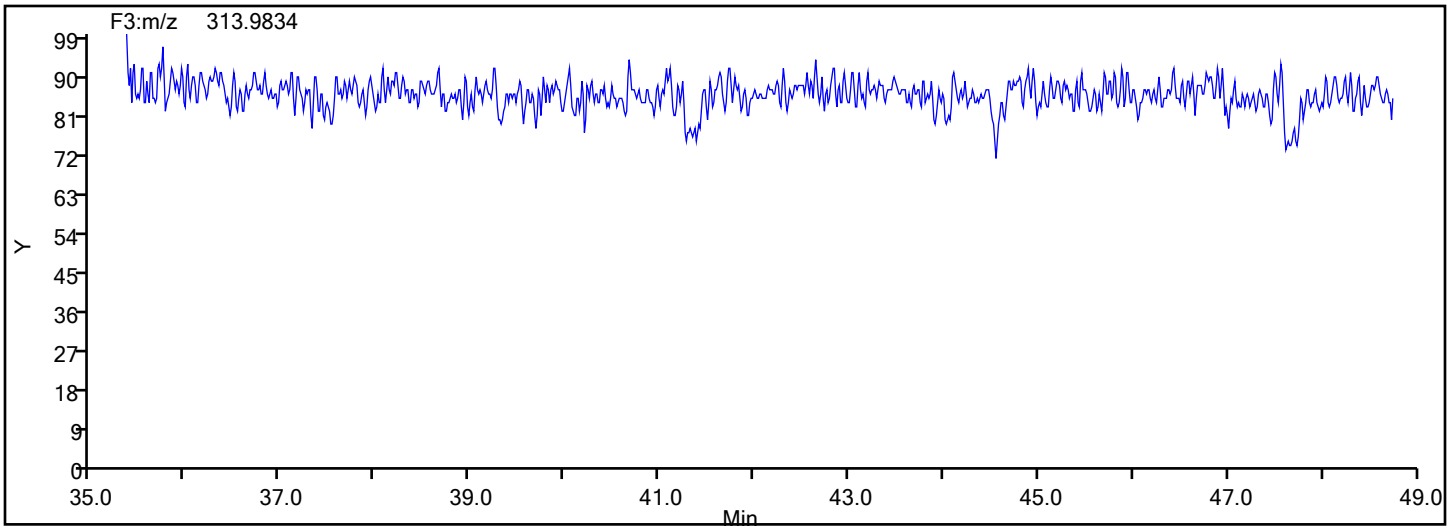
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

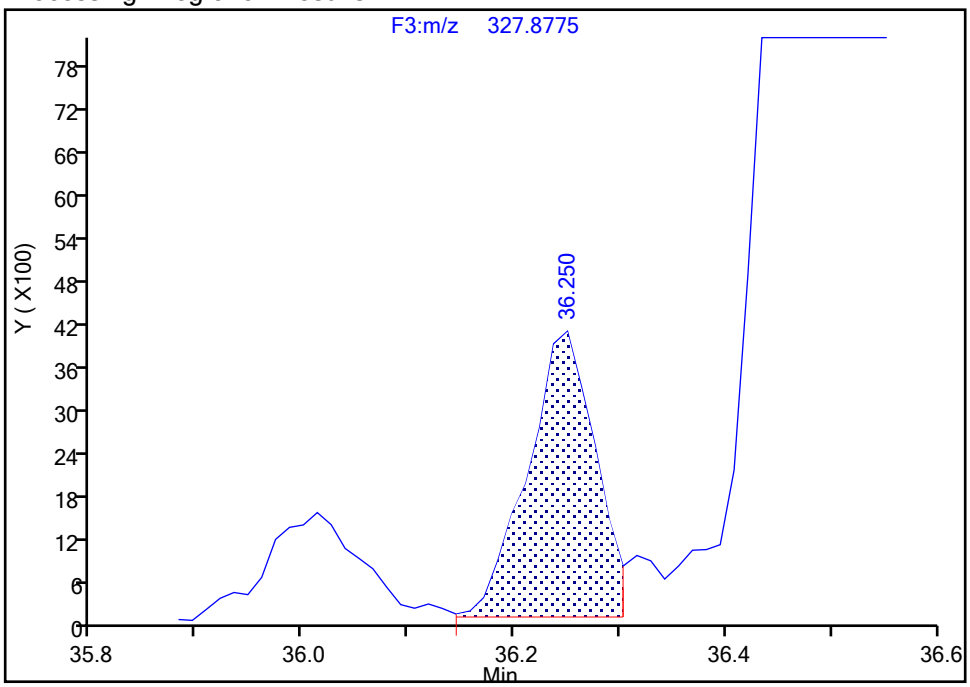
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-107, CAS: 70424-68-9

Signal: 2

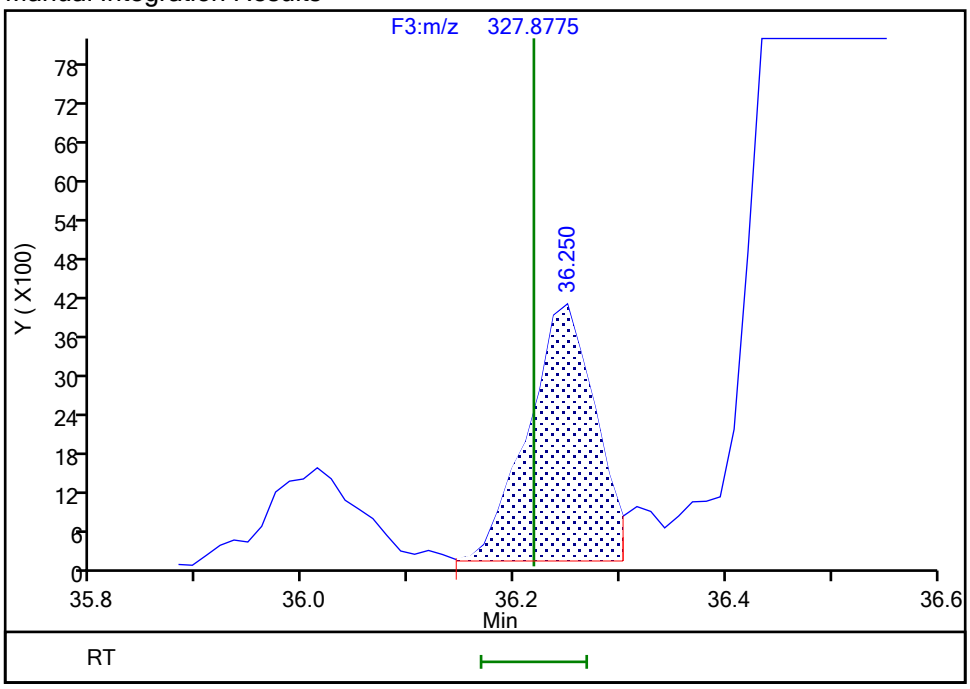
Processing Integration Results

RT: 36.25
Area: 17355
Amount: 0.740906
Amount Units: pg/ul



Manual Integration Results

RT: 36.25
Area: 17355
Amount: 0.701939
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:09:58 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

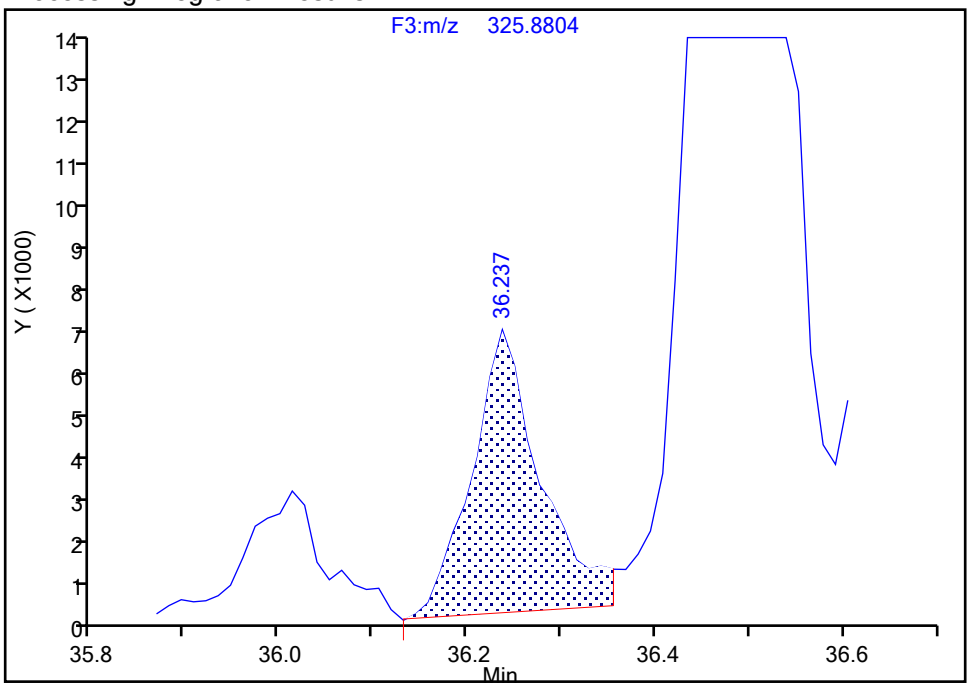
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-107, CAS: 70424-68-9

Signal: 1

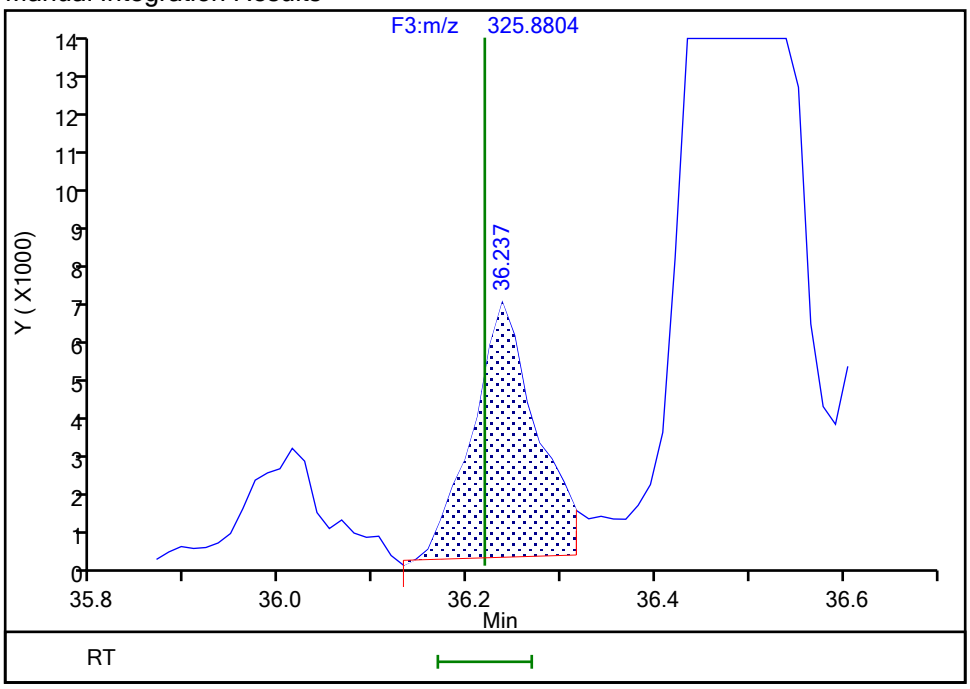
Processing Integration Results

RT: 36.24
Area: 32841
Amount: 0.740906
Amount Units: pg/ul



Manual Integration Results

RT: 36.24
Area: 30201
Amount: 0.701939
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:10:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

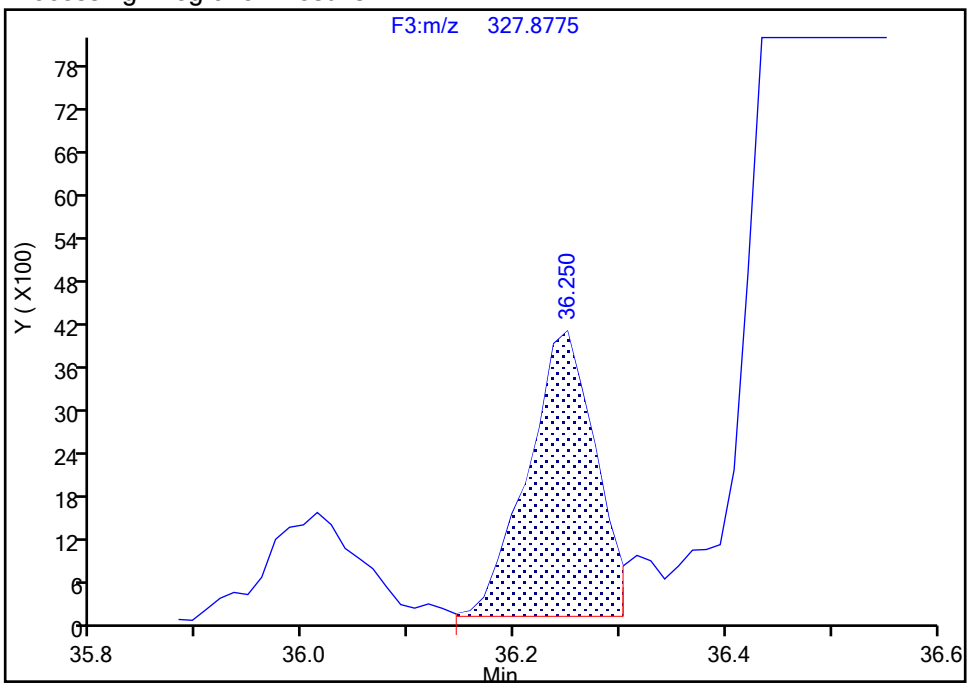
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-107, CAS: 70424-68-9

Signal: 2

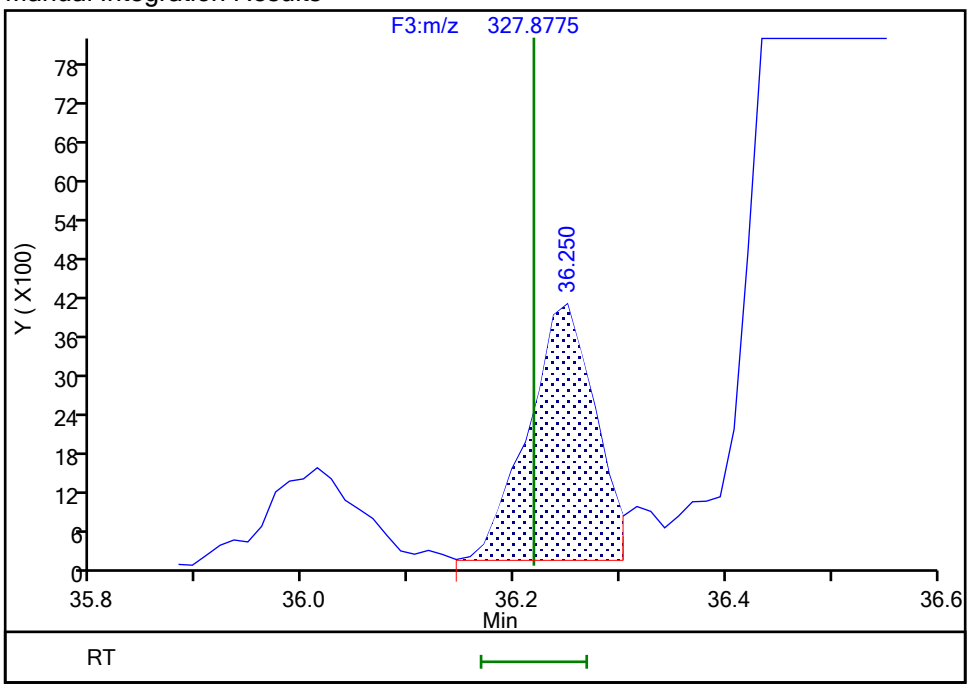
Processing Integration Results

RT: 36.25
Area: 17355
Amount: 0.740906
Amount Units: pg/ul



Manual Integration Results

RT: 36.25
Area: 17355
Amount: 0.701939
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:10:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

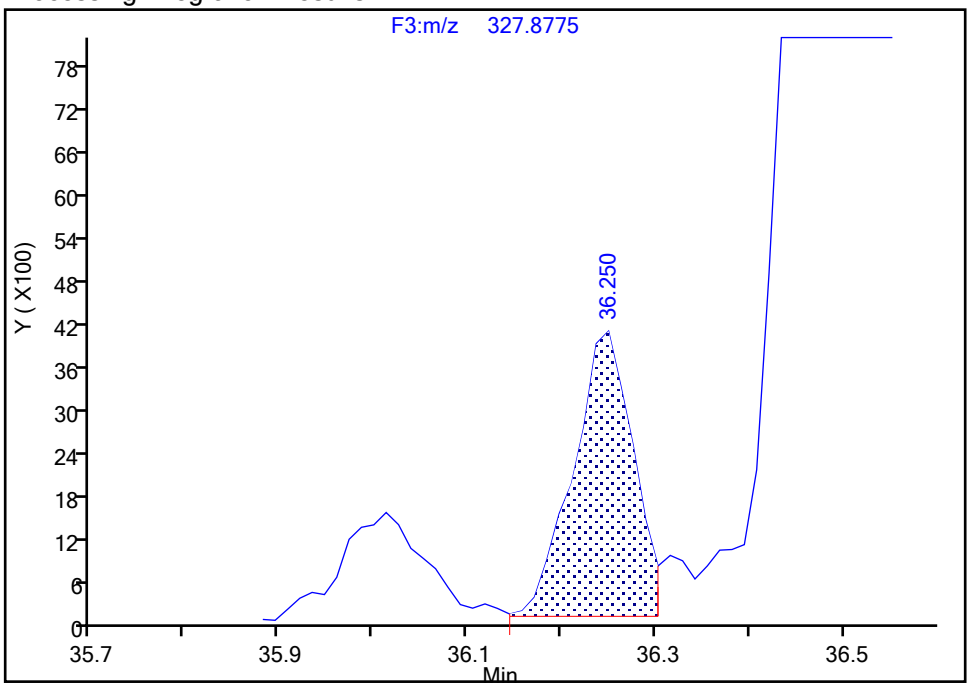
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-107, CAS: 70424-68-9

Signal: 3

Processing Integration Results

RT: 36.24
Area: 50196
Amount: 0.740906
Amount Units: pg/ul



Manual Integration Results

RT: 36.24
Area: 47556
Amount: 0.701939
Amount Units: pg/ul

Reviewer: V4XA, 04-Jan-2024 23:10:18 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

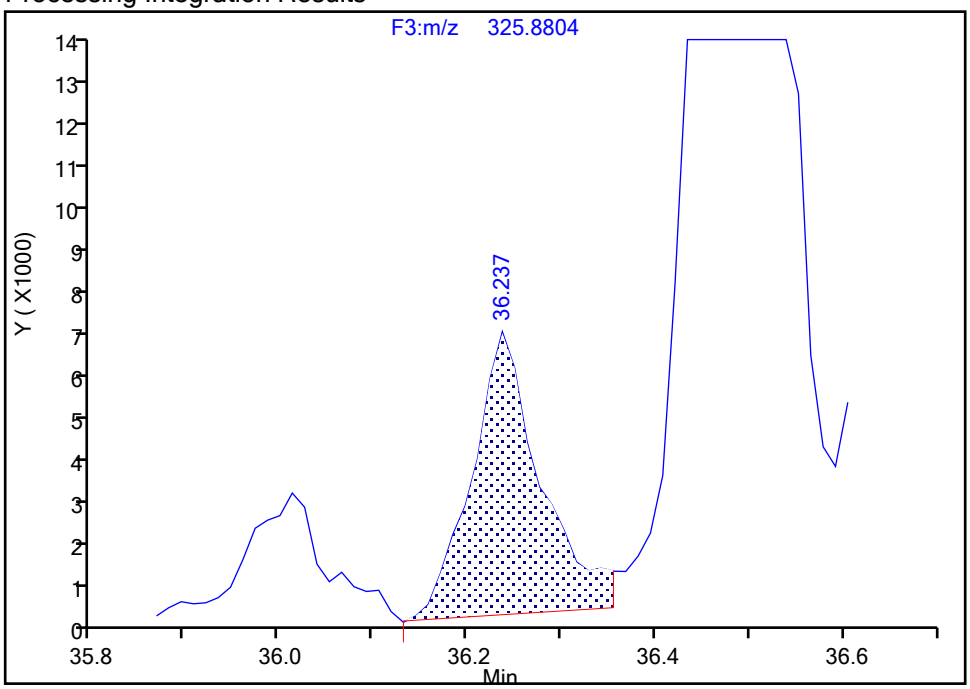
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-107, CAS: 70424-68-9

Signal: 1

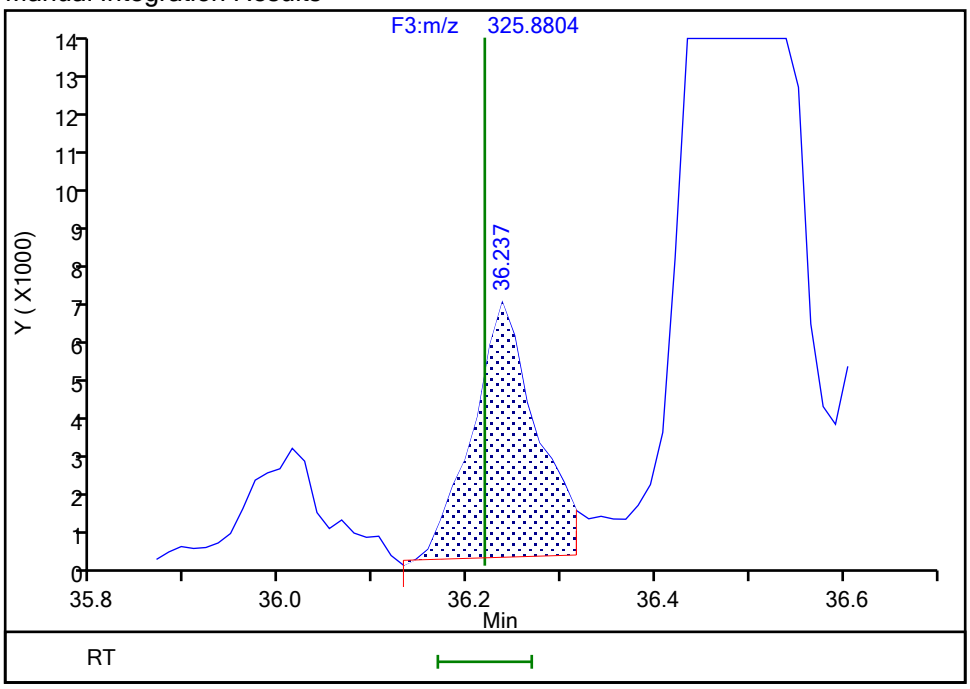
Processing Integration Results

RT: 36.24
Area: 32841
Amount: 0.740906
Amount Units: pg/ul



Manual Integration Results

RT: 36.24
Area: 30201
Amount: 0.701939
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:10:25 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

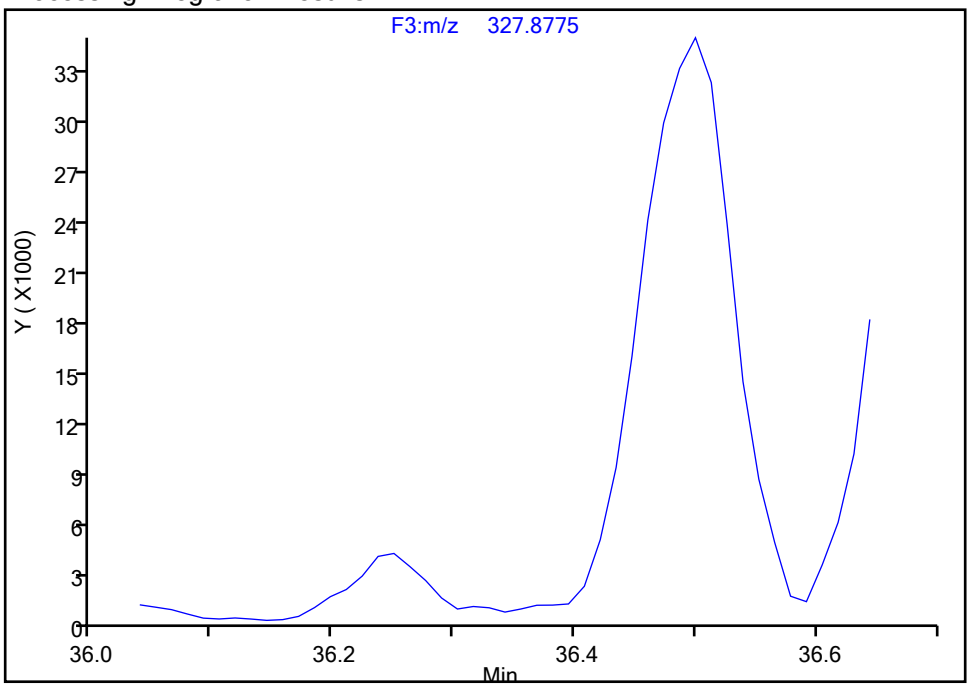
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 2

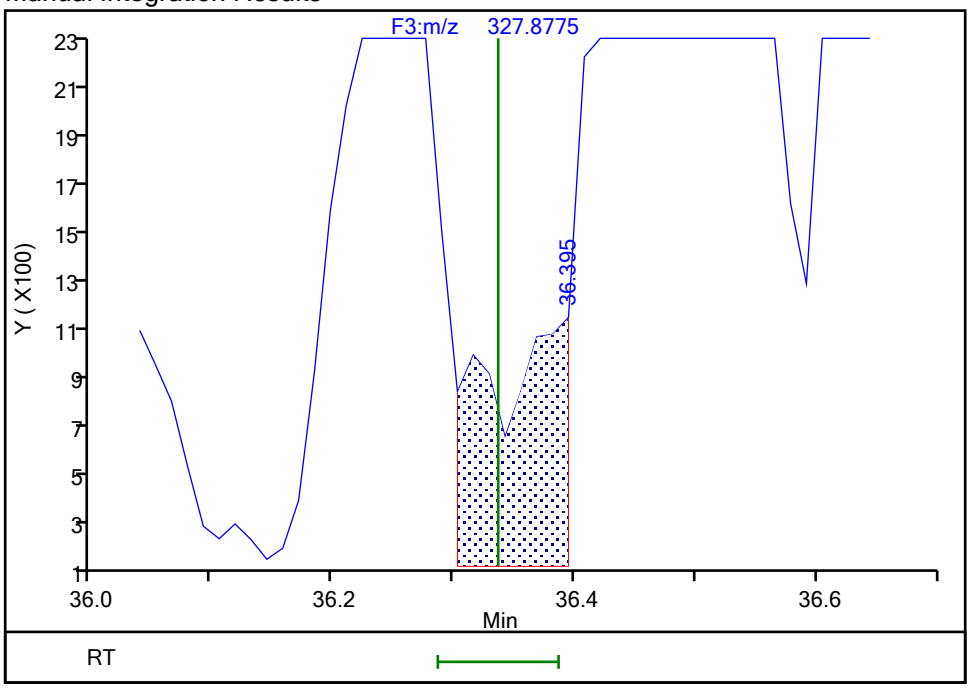
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.39
Area: 4325
Amount: 0.158676
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:10:10 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

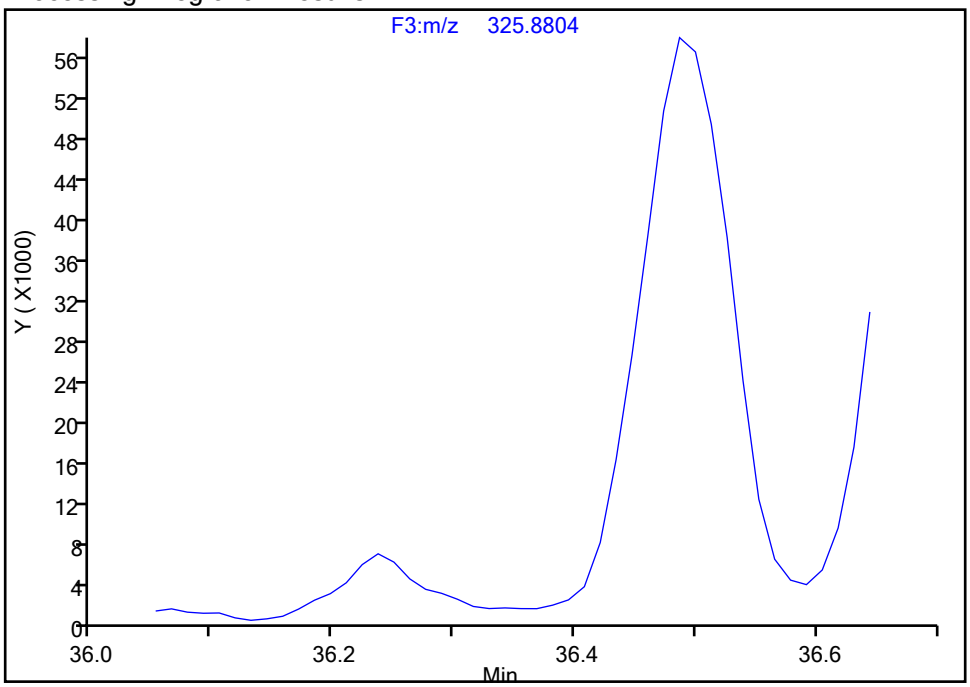
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 1

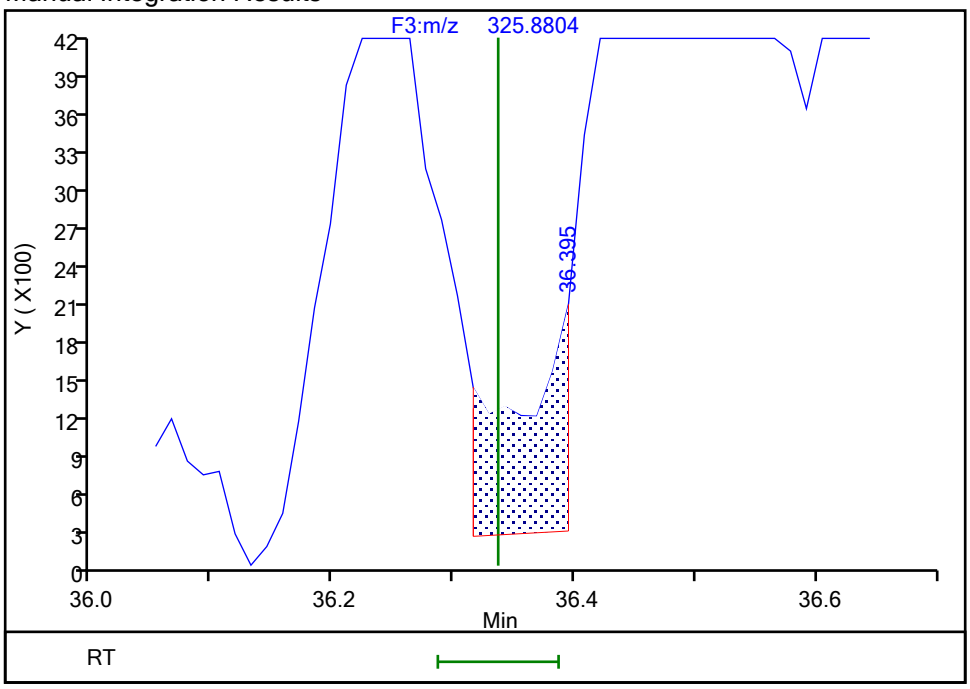
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.39
Area: 5092
Amount: 0.158676
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:10:21 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

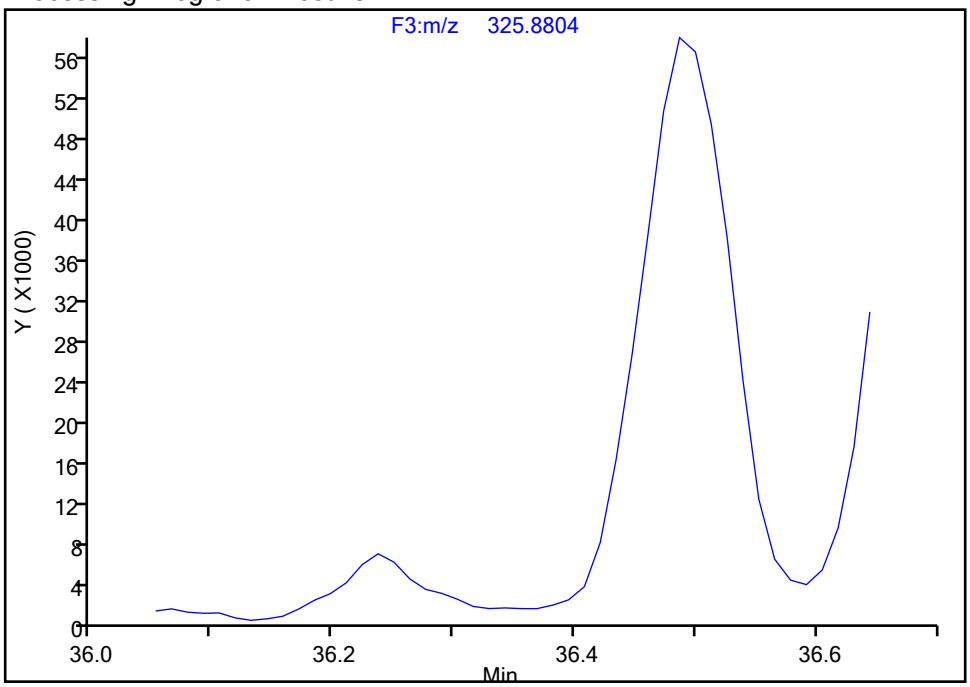
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 1

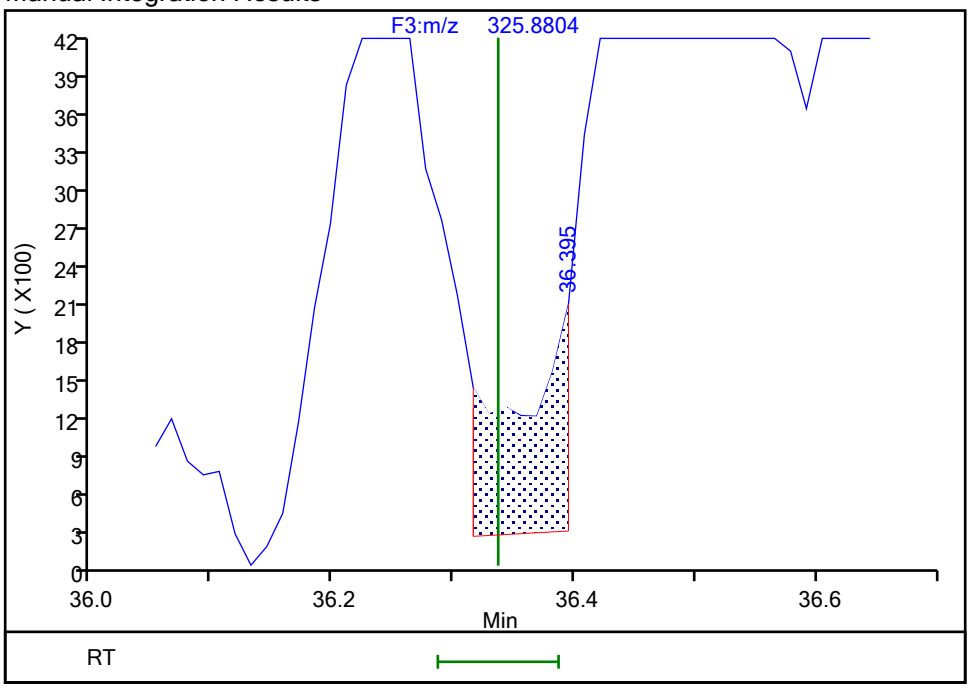
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.39
Area: 5092
Amount: 0.158676
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:10:29 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Eurofins Knoxville

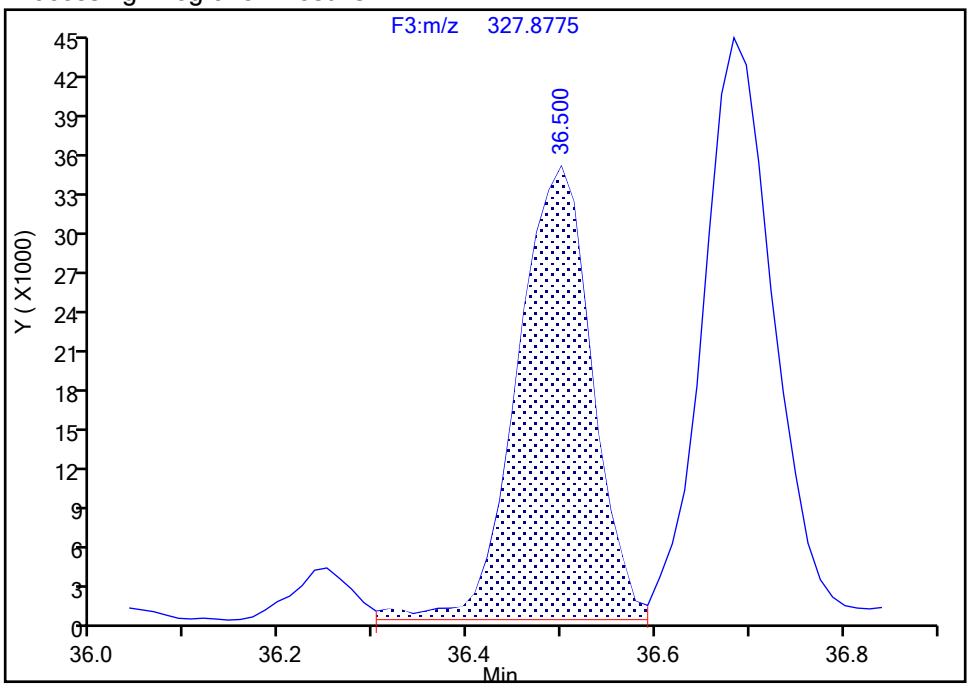
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 2

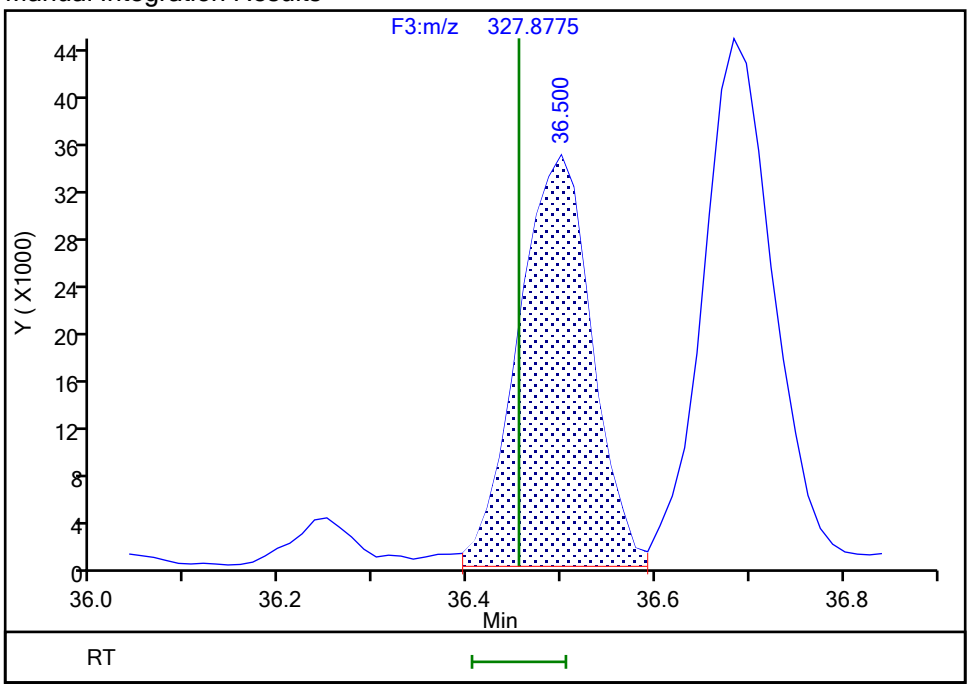
Processing Integration Results

RT: 36.50
Area: 189923
Amount: 7.544108
Amount Units: pg/ul



Manual Integration Results

RT: 36.50
Area: 185597
Amount: 7.438141
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:09:24 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

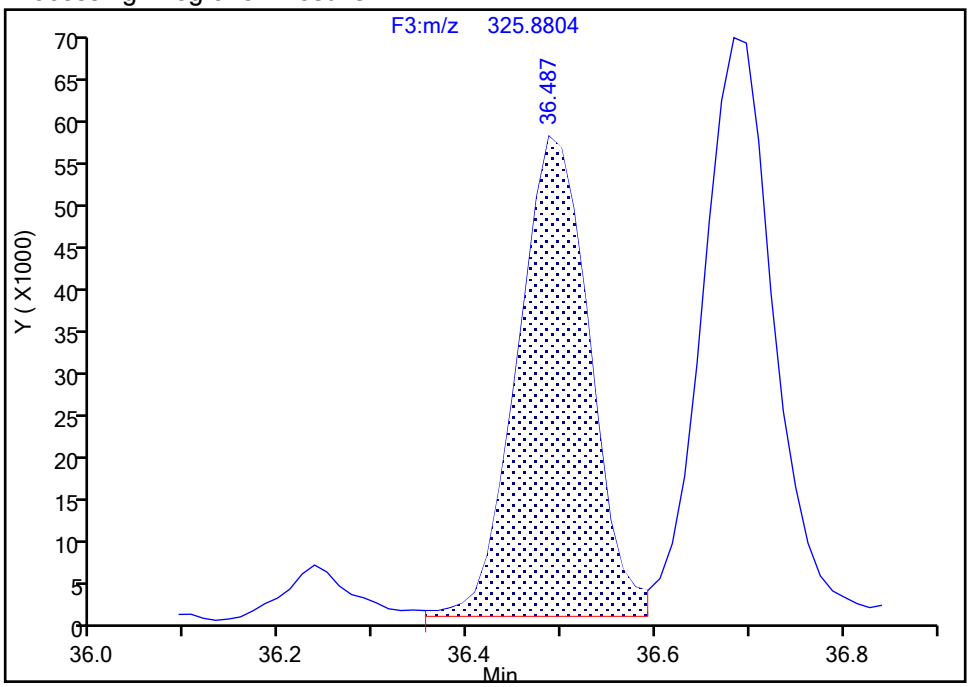
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 1

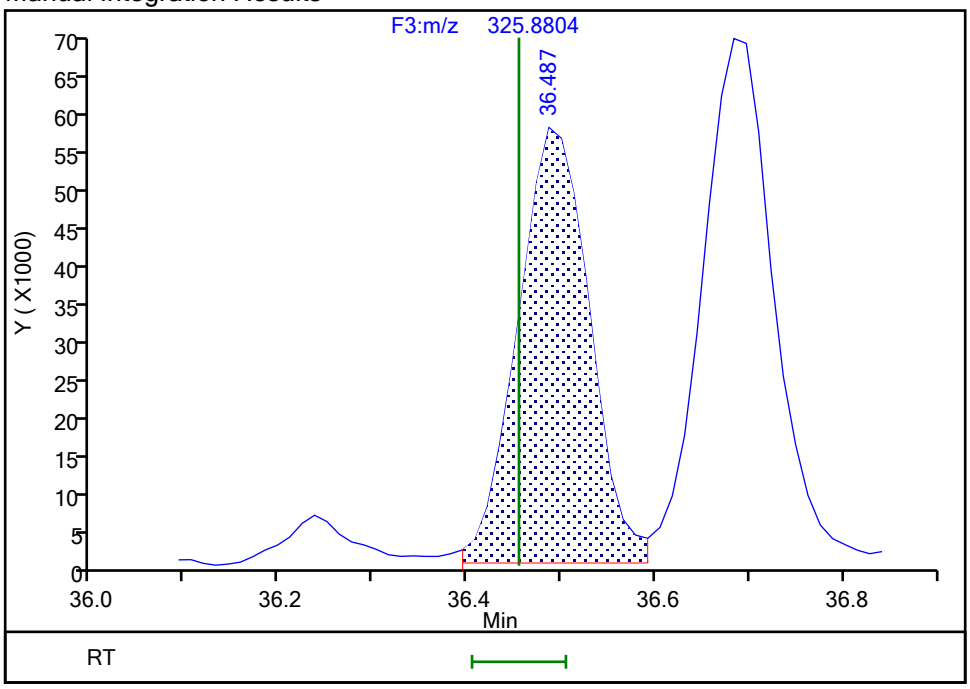
Processing Integration Results

RT: 36.49
Area: 308571
Amount: 7.544108
Amount Units: pg/ul



Manual Integration Results

RT: 36.49
Area: 305895
Amount: 7.438141
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:10:34 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Eurofins Knoxville

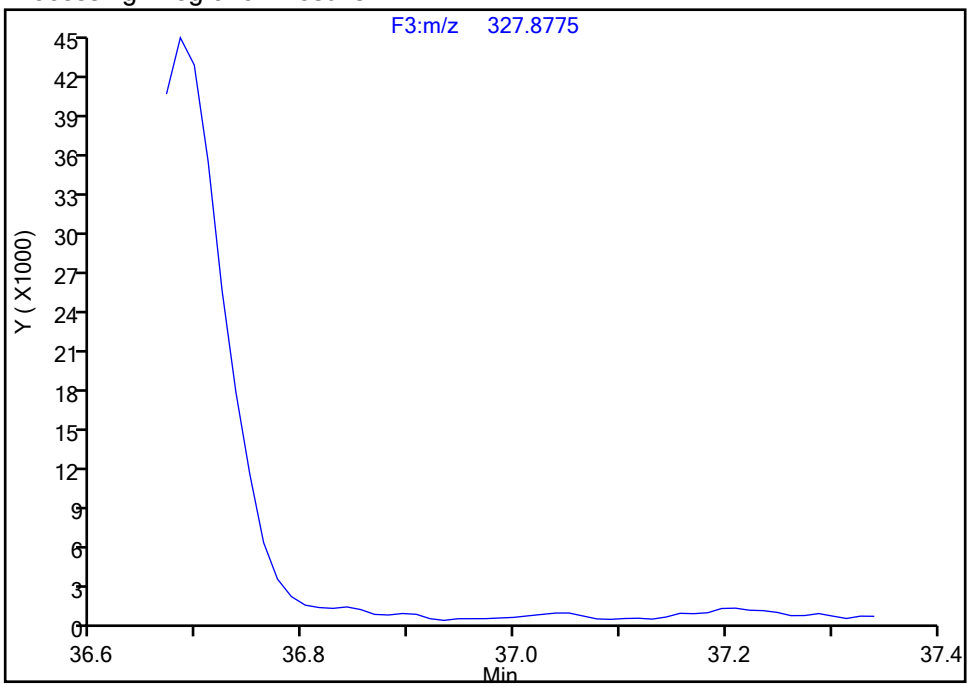
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-122, CAS: 76842-07-4

Signal: 2

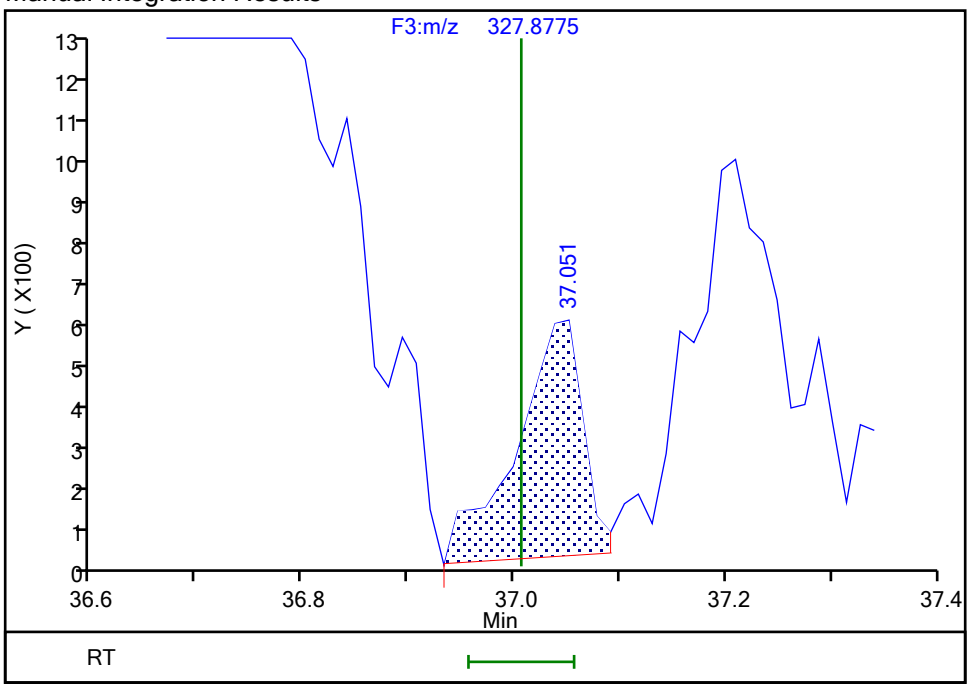
Not Detected
Expected RT: 37.01

Processing Integration Results



Manual Integration Results

RT: 37.05
Area: 2354
Amount: 0.133316
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:10:49 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

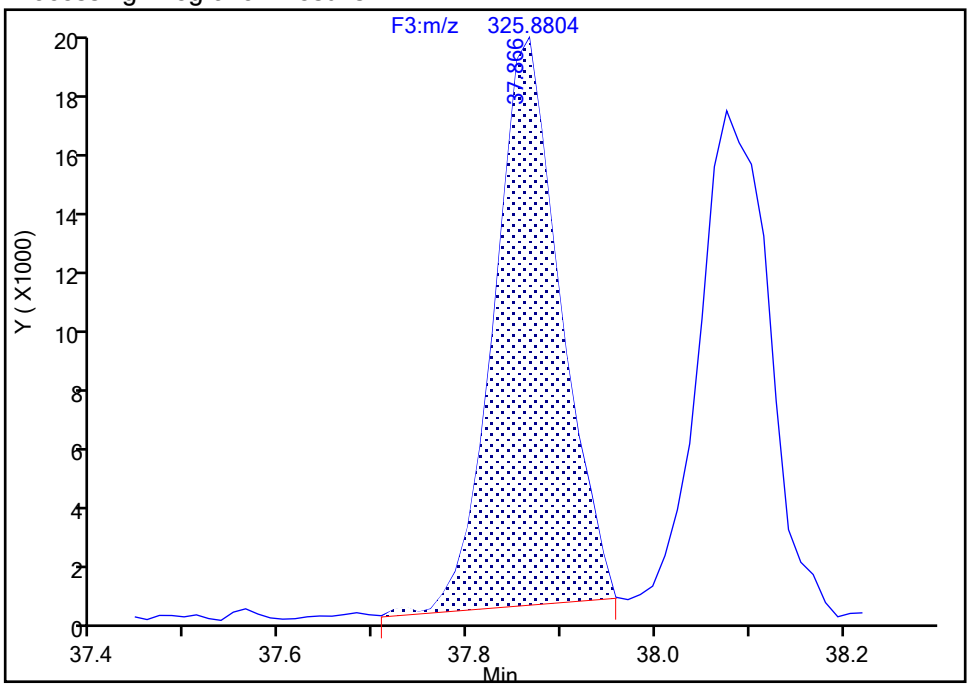
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-105, CAS: 32598-14-4

Signal: 1

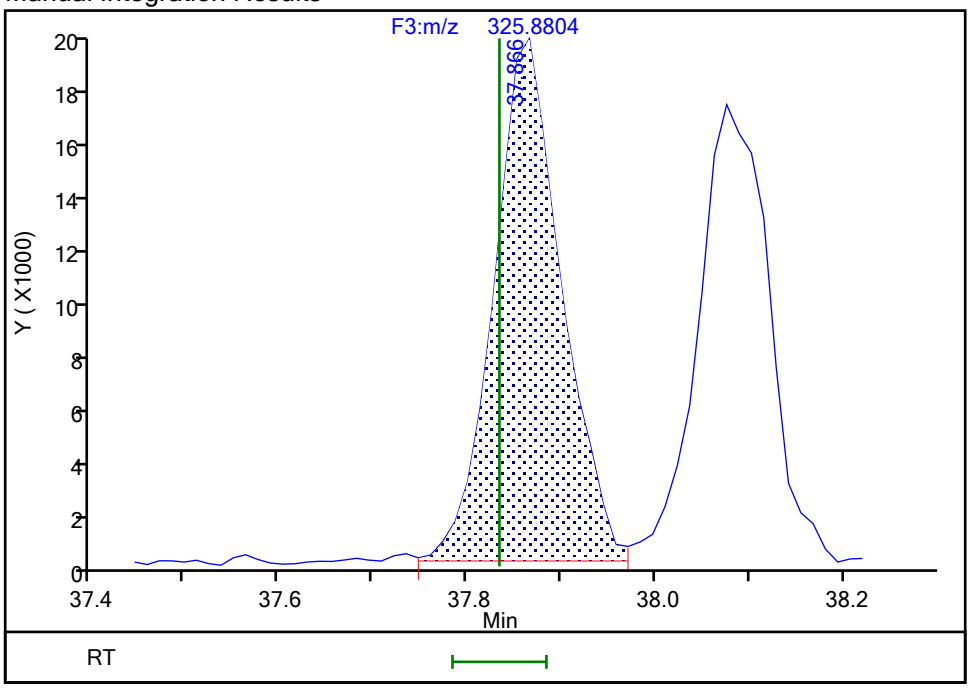
Processing Integration Results

RT: 37.87
Area: 92693
Amount: 2.541931
Amount Units: pg/ul



Manual Integration Results

RT: 37.87
Area: 97520
Amount: 2.598238
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:11:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

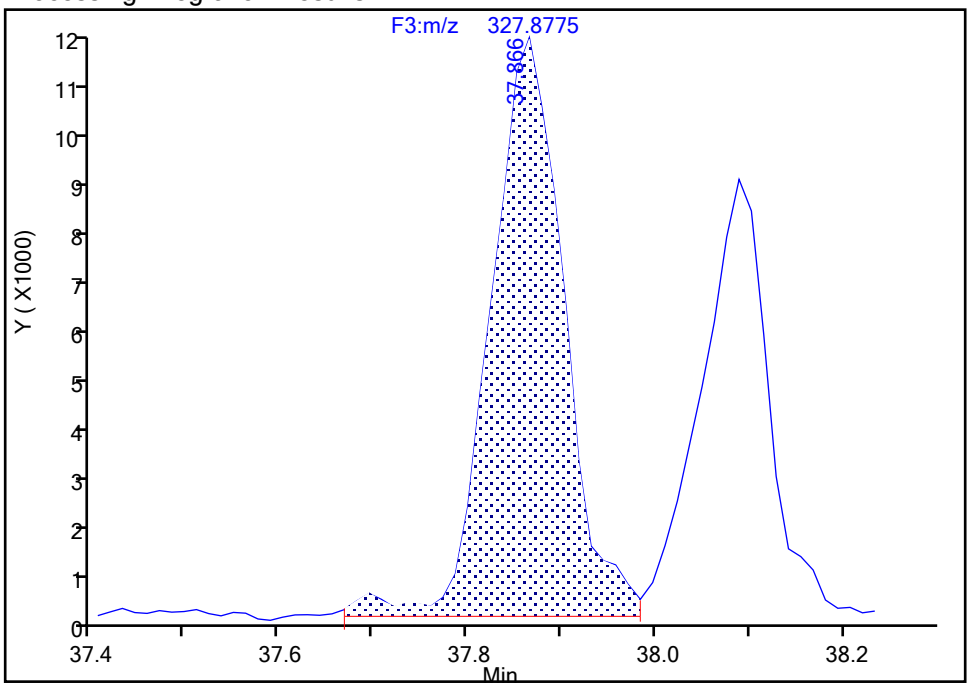
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-105, CAS: 32598-14-4

Signal: 2

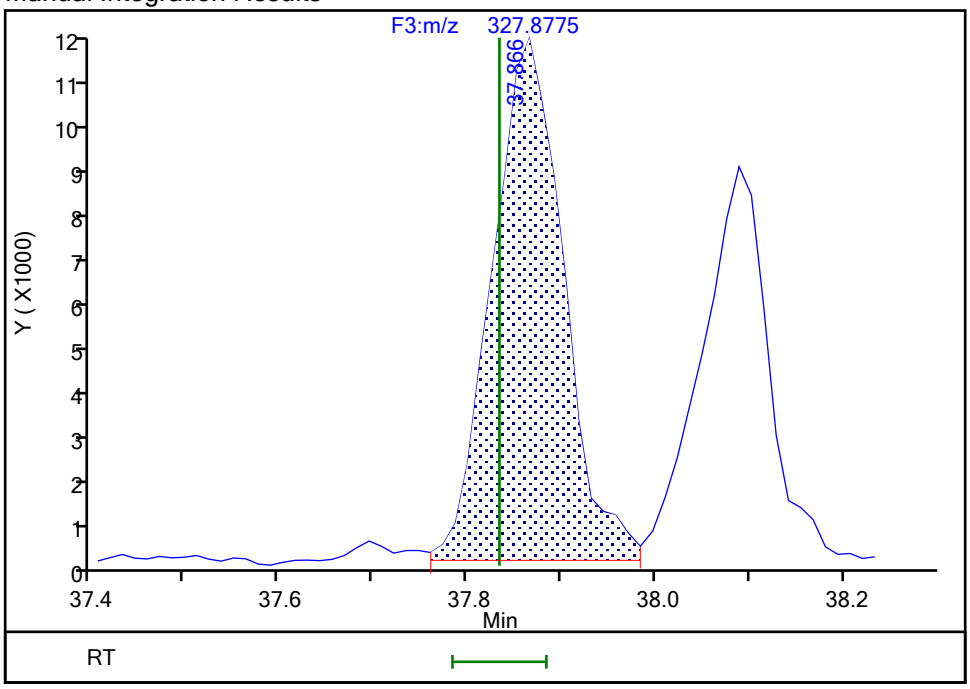
Processing Integration Results

RT: 37.87
Area: 61025
Amount: 2.541931
Amount Units: pg/ul



Manual Integration Results

RT: 37.87
Area: 59603
Amount: 2.598238
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:11:08 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

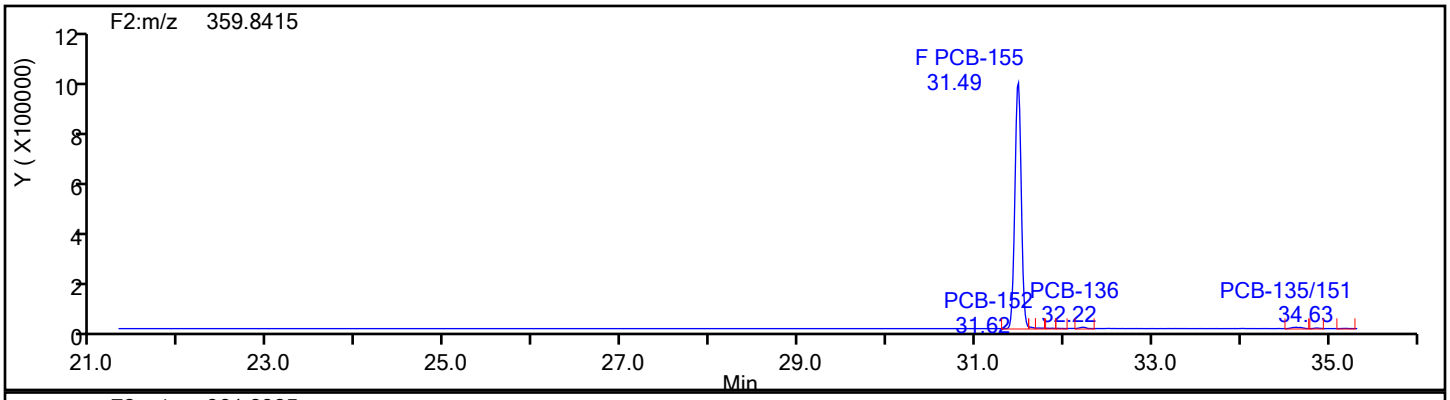
Report Date: 04-Jan-2024 23:21:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

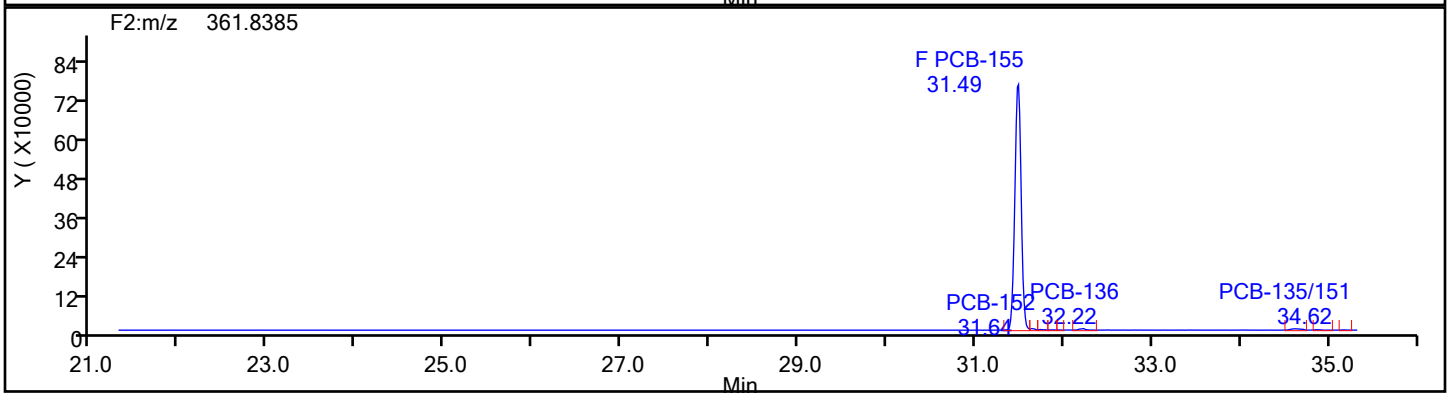
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

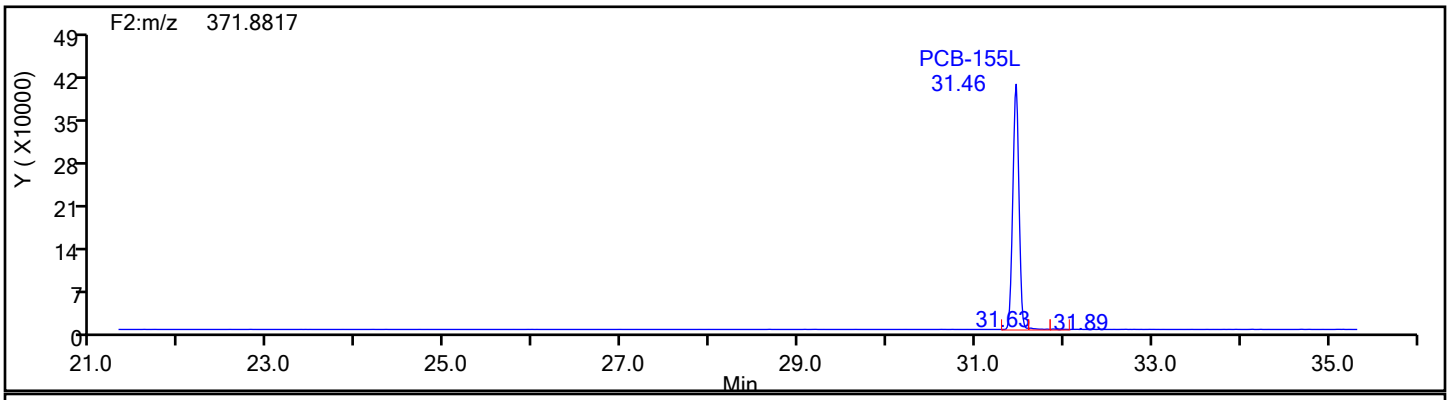
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

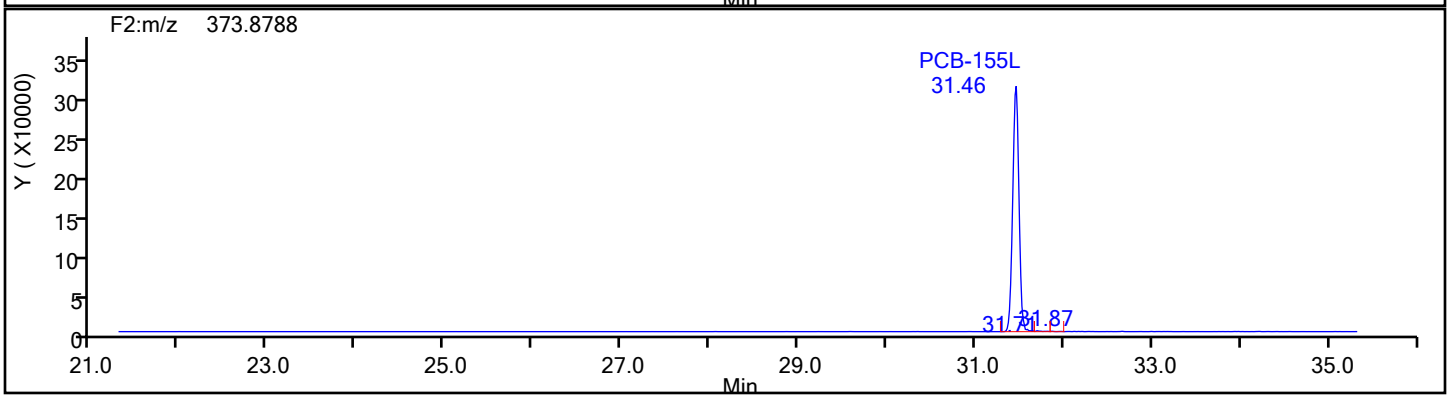
HxPCB F2





HxPCB F2 Standards



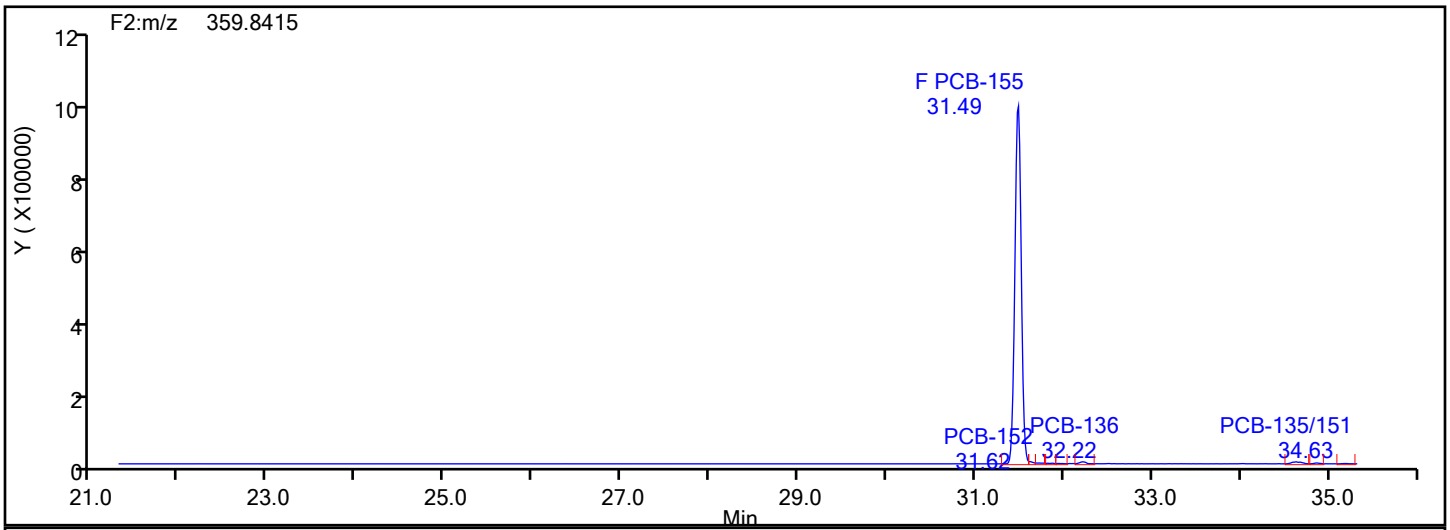


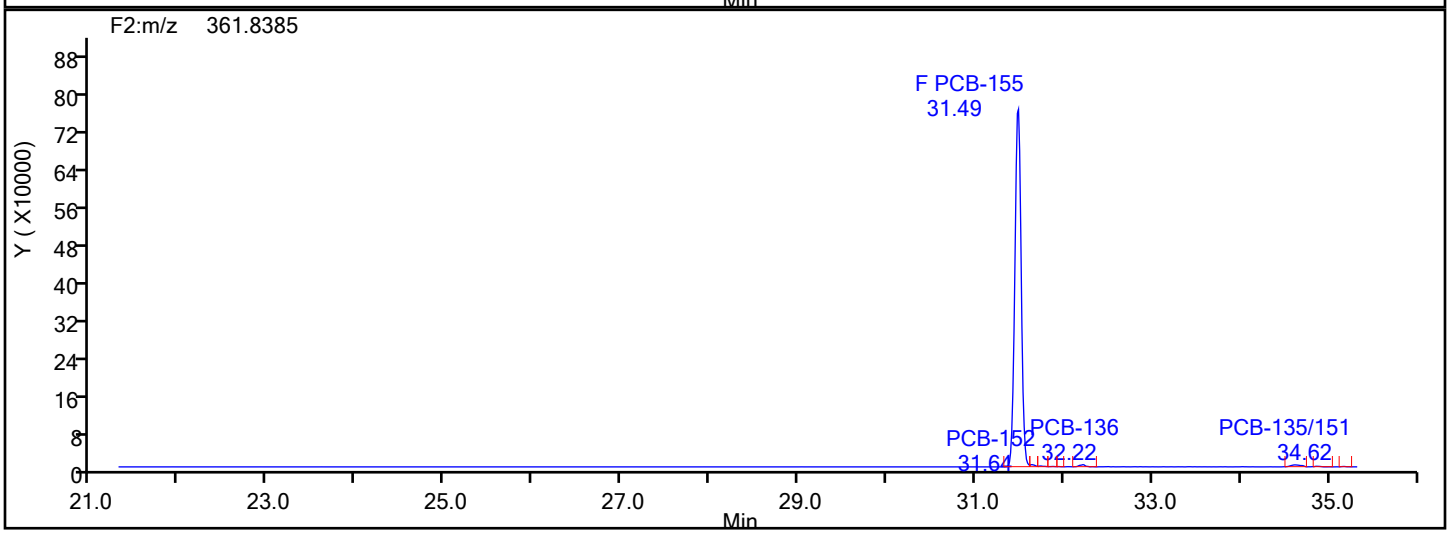
Report Date: 04-Jan-2024 23:21:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

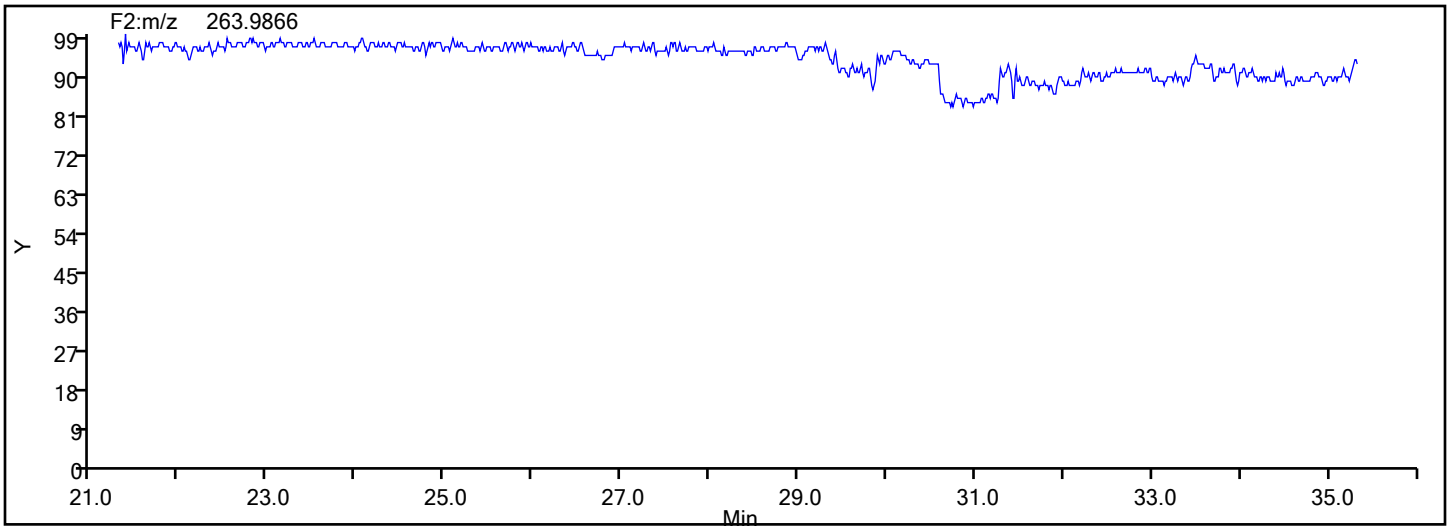
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Eurofins Knoxville

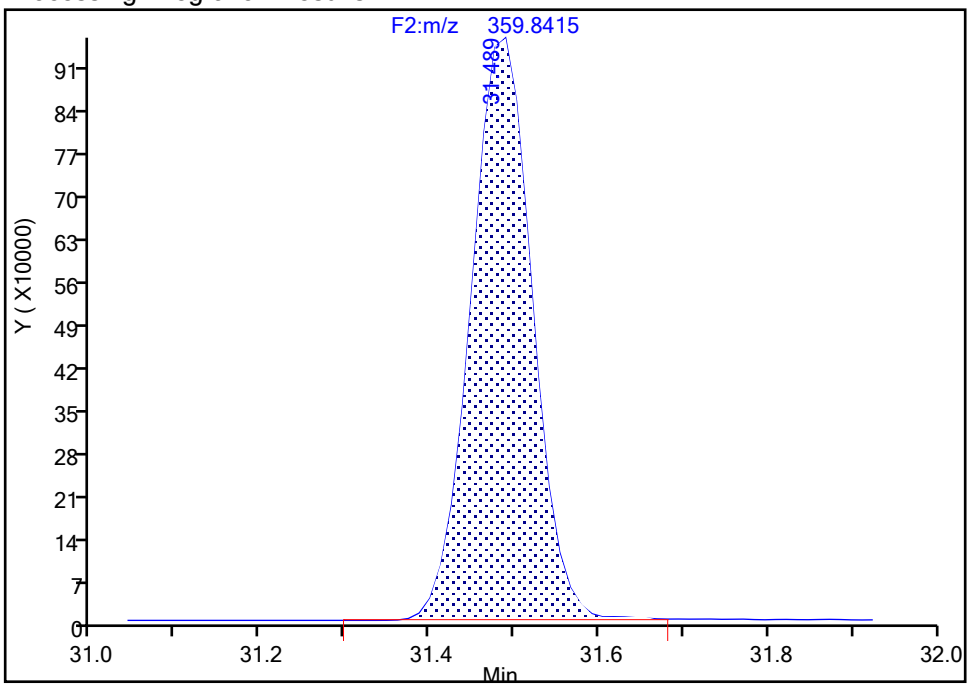
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 1

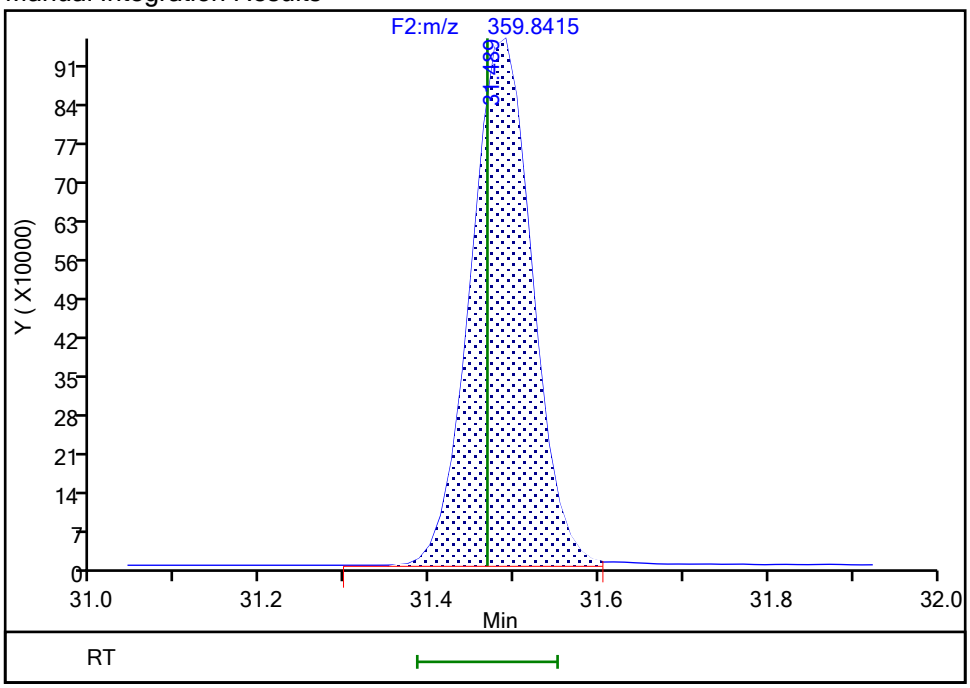
Processing Integration Results

RT: 31.49
Area: 4845345
Amount: 264.4170
Amount Units: pg/ul



Manual Integration Results

RT: 31.49
Area: 4825306
Amount: 263.8071
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:12:08 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

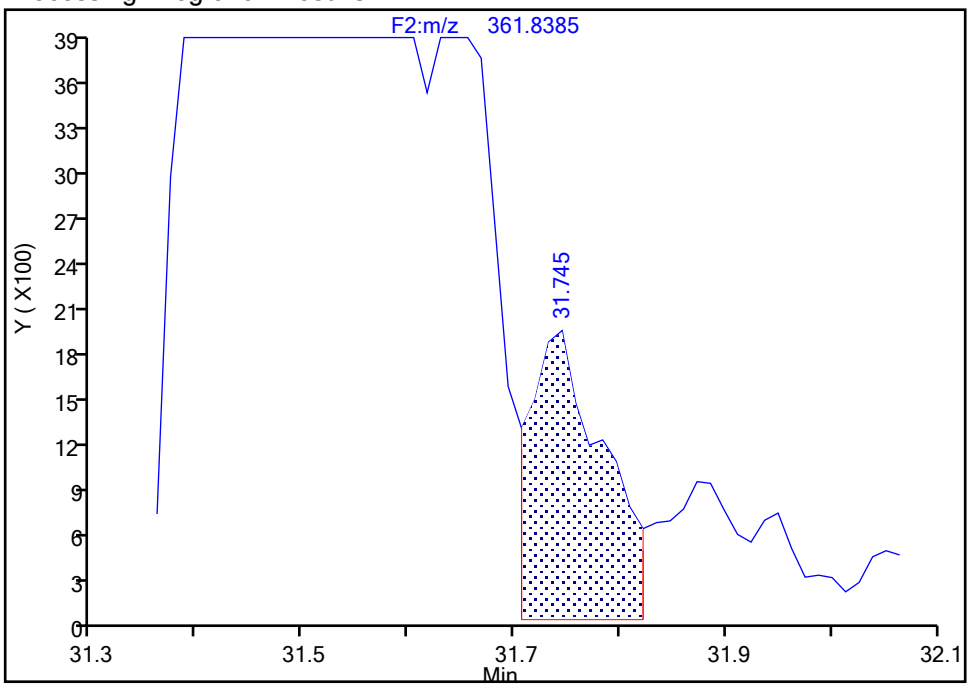
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 2

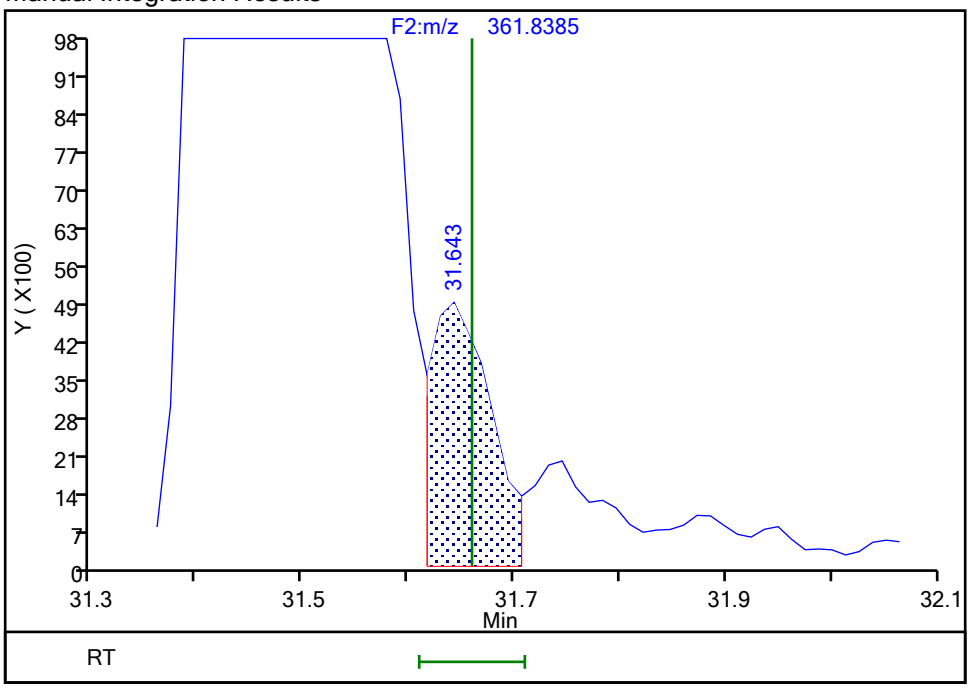
Processing Integration Results

RT: 31.74
Area: 9018
Amount: 0.533813
Amount Units: pg/ul



Manual Integration Results

RT: 31.64
Area: 18402
Amount: 0.966753
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:12:14 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

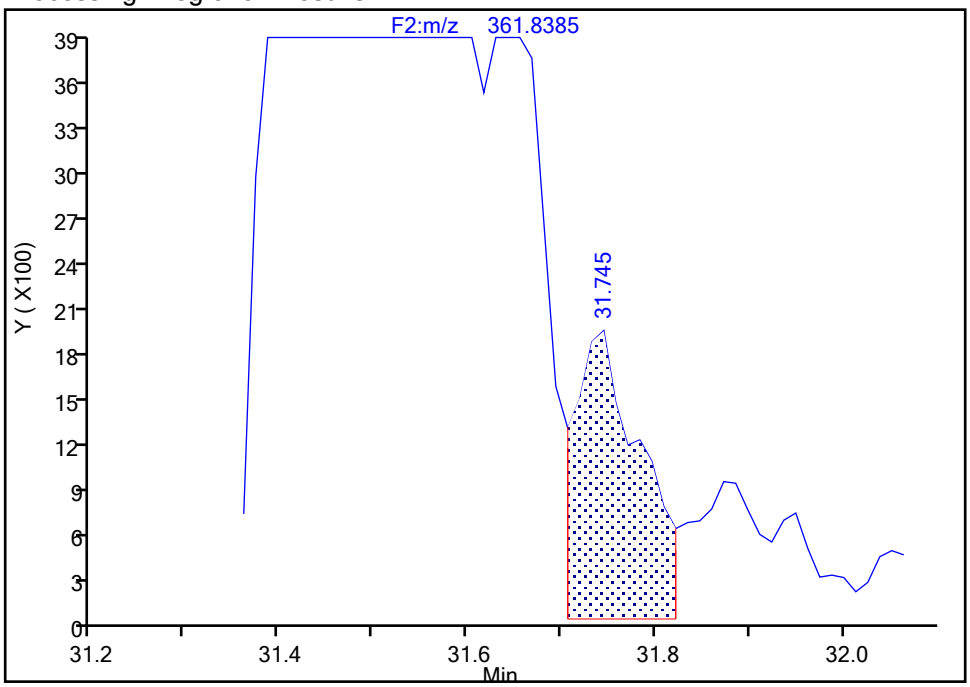
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 3

Processing Integration Results

RT: 31.69
Area: 21226
Amount: 0.533813
Amount Units: pg/ul



Manual Integration Results

RT: 31.62
Area: 38441
Amount: 0.966753
Amount Units: pg/ul

Reviewer: V4XA, 04-Jan-2024 23:12:14 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

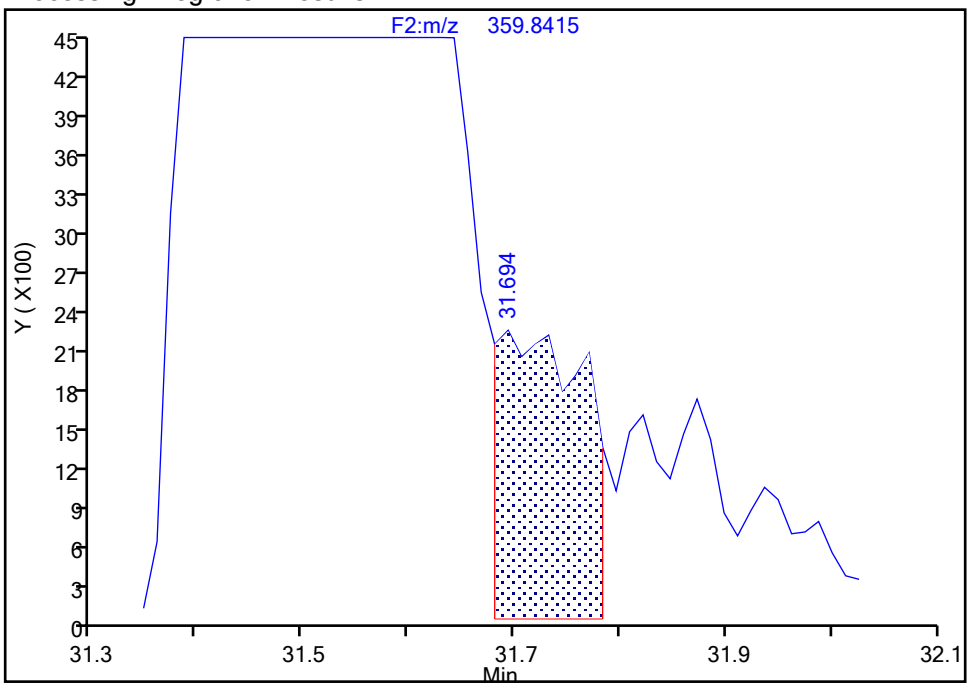
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

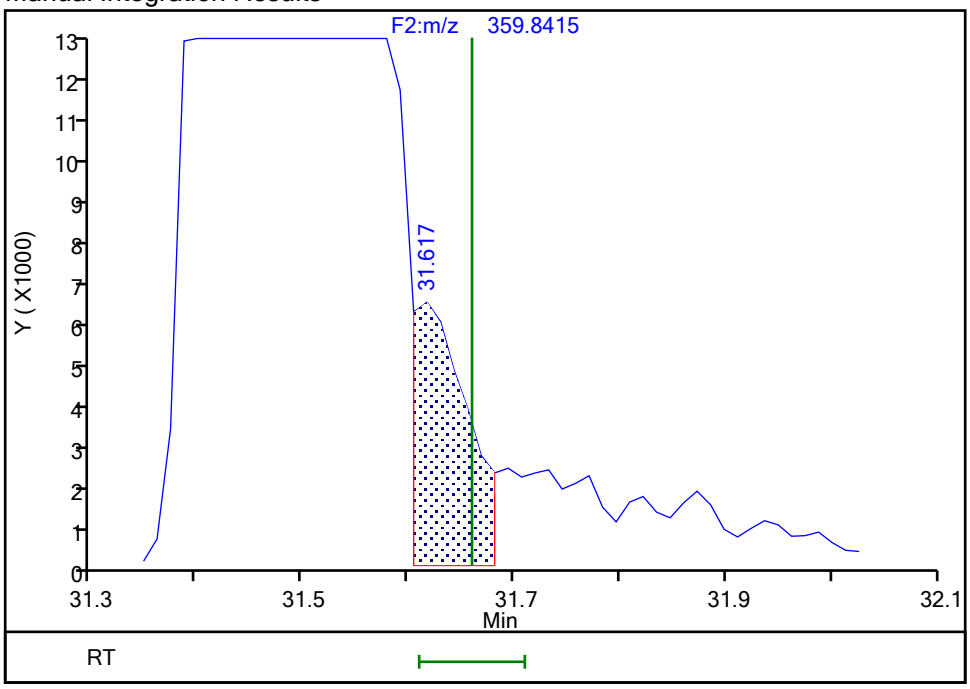
Processing Integration Results

RT: 31.69
Area: 12208
Amount: 0.533813
Amount Units: pg/ul



Manual Integration Results

RT: 31.62
Area: 20039
Amount: 0.966753
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:12:17 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

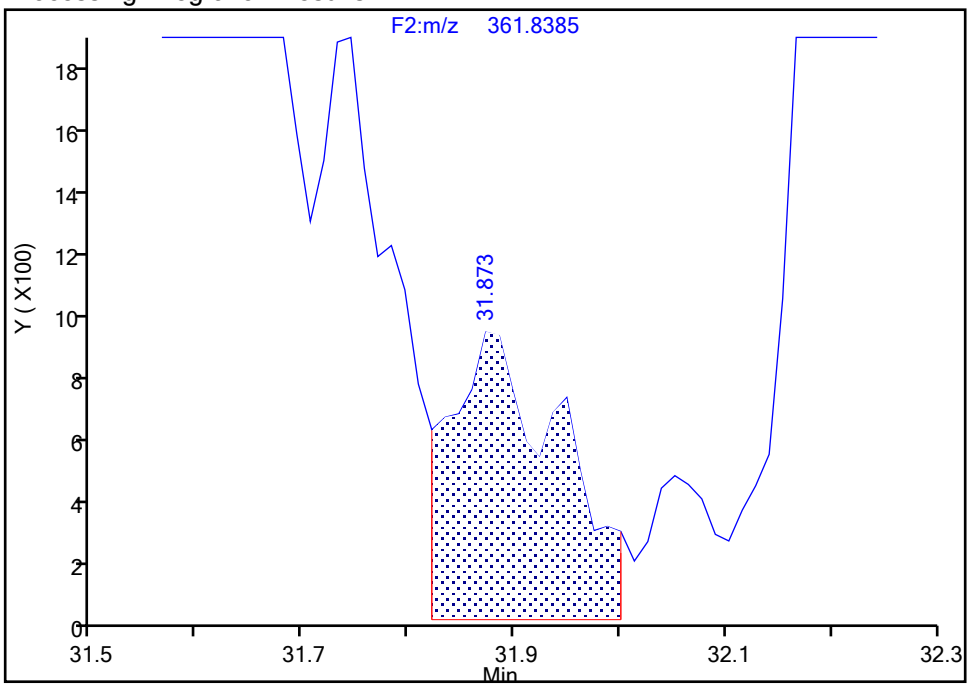
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-150, CAS: 68194-08-1

Signal: 2

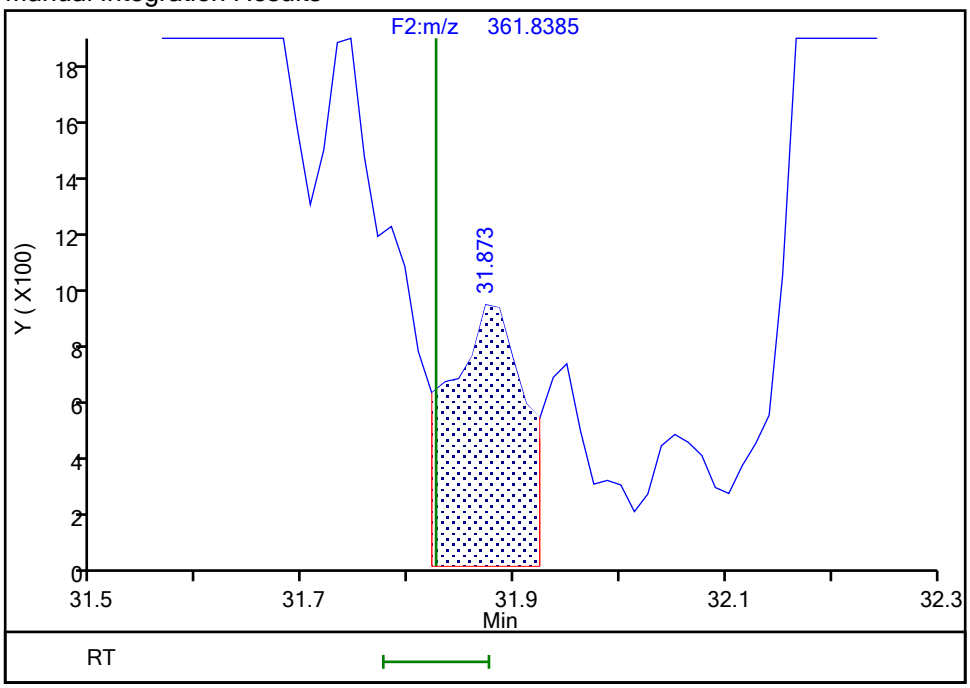
Processing Integration Results

RT: 31.87
Area: 6567
Amount: 0.321014
Amount Units: pg/ul



Manual Integration Results

RT: 31.87
Area: 4391
Amount: 0.374034
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:12:39 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

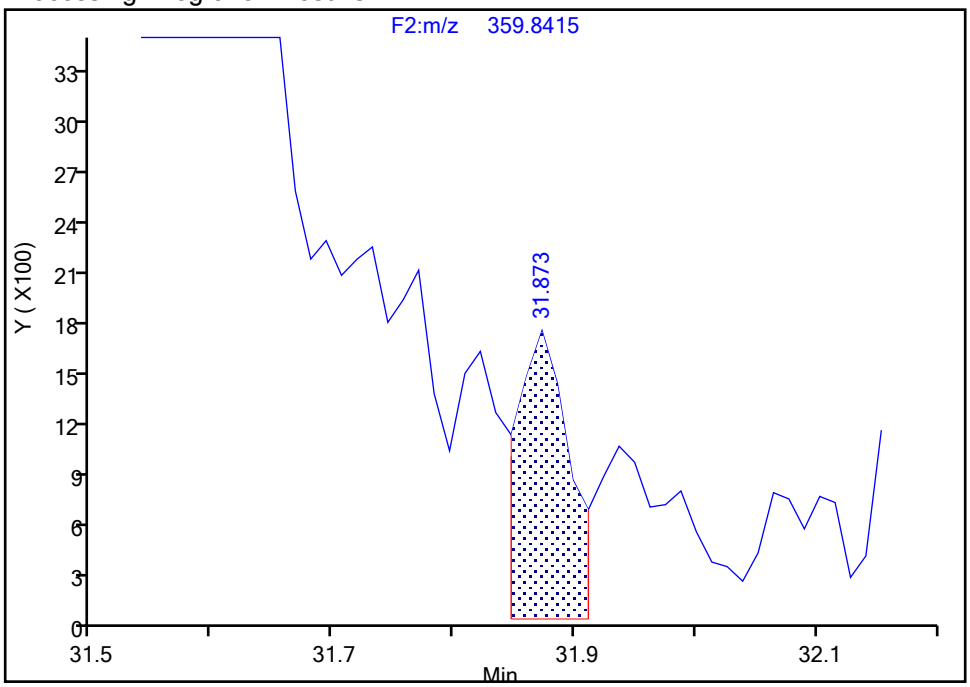
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Injection Date: 04-Jan-2024 16:03:00 Instrument ID: D2D
Lims ID: 140-34509-A-4-B Lab Sample ID: 140-34509-4
Client ID: PW-02-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-150, CAS: 68194-08-1

Signal: 1

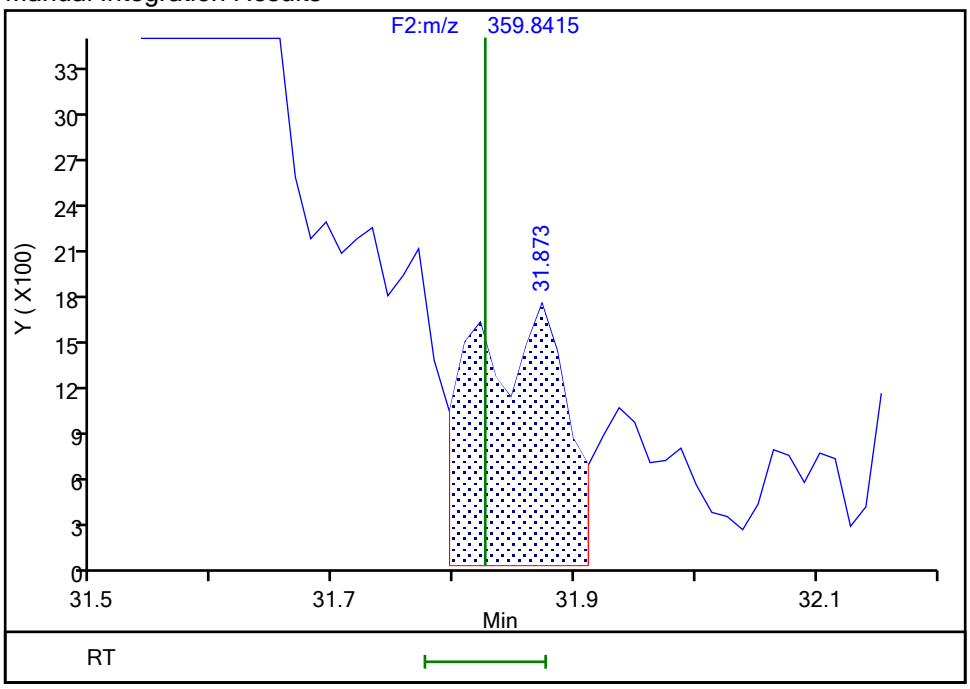
Processing Integration Results

RT: 31.87
Area: 4749
Amount: 0.321014
Amount Units: pg/ul



Manual Integration Results

RT: 31.87
Area: 8794
Amount: 0.374034
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:12:51 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

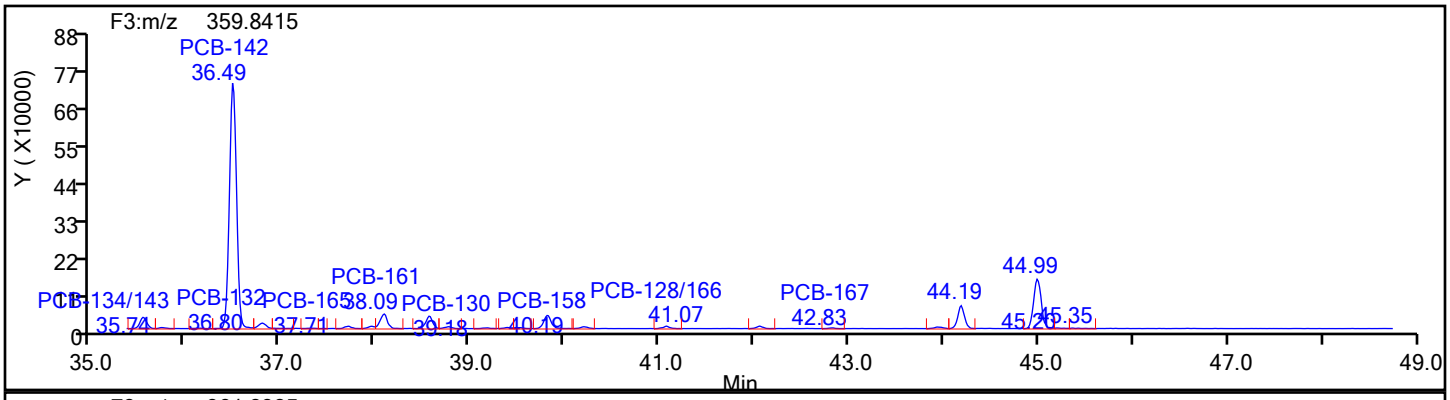
Report Date: 04-Jan-2024 23:21:13 Chrom Revision: 2.3 15-Nov-2023 20:54:34

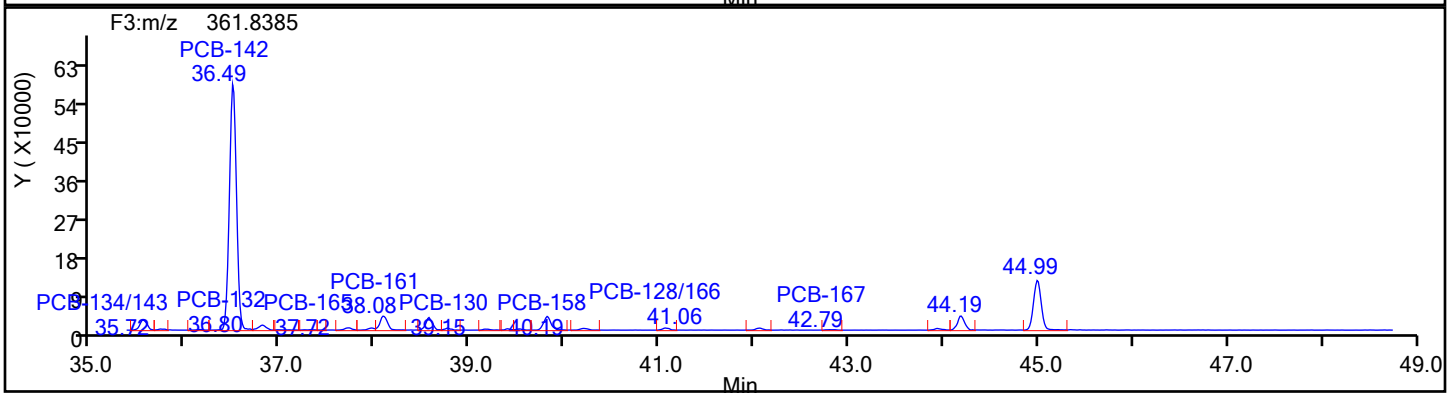
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

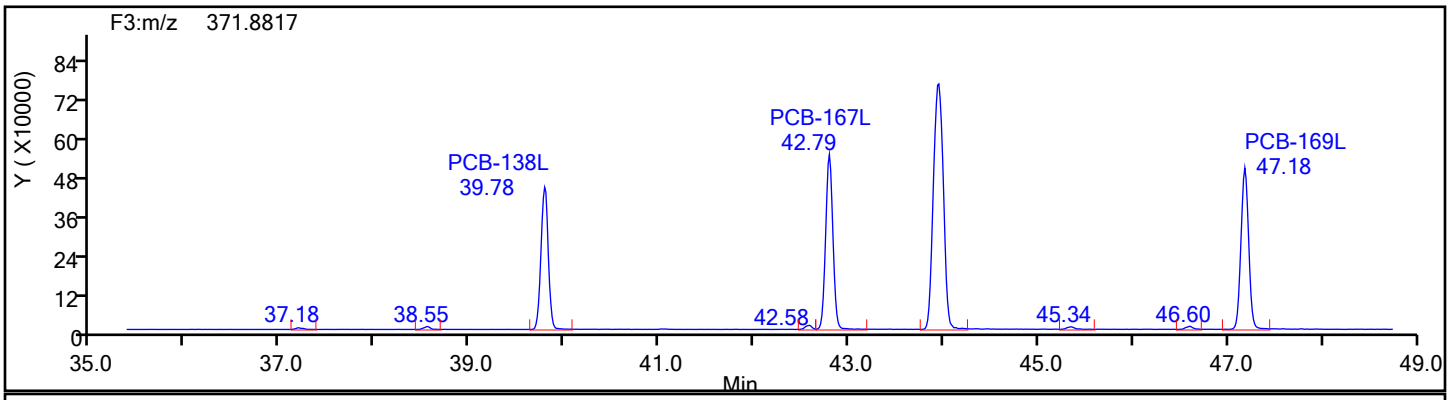
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

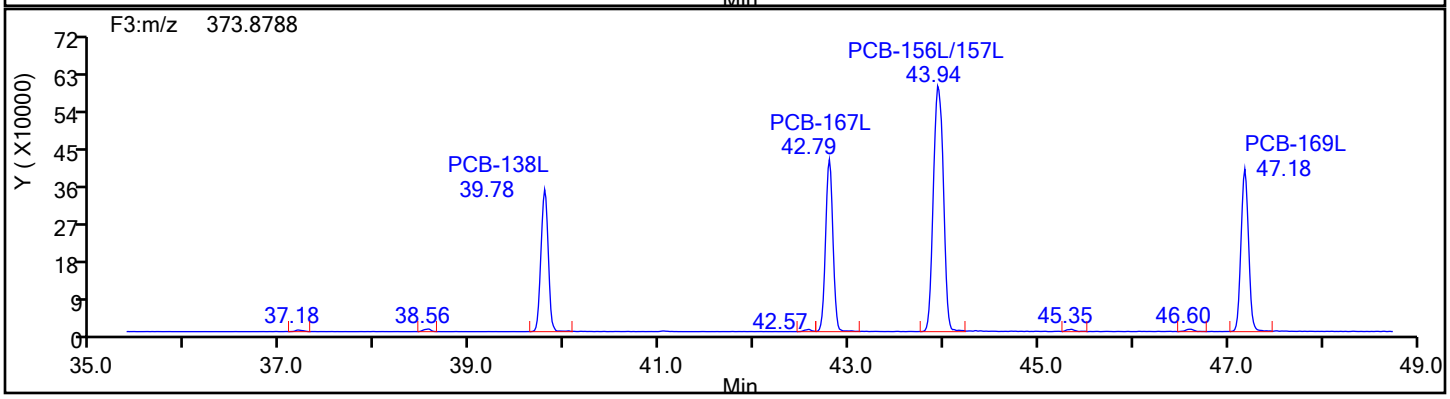
HxPCB F3





HxPCB F3 Standards



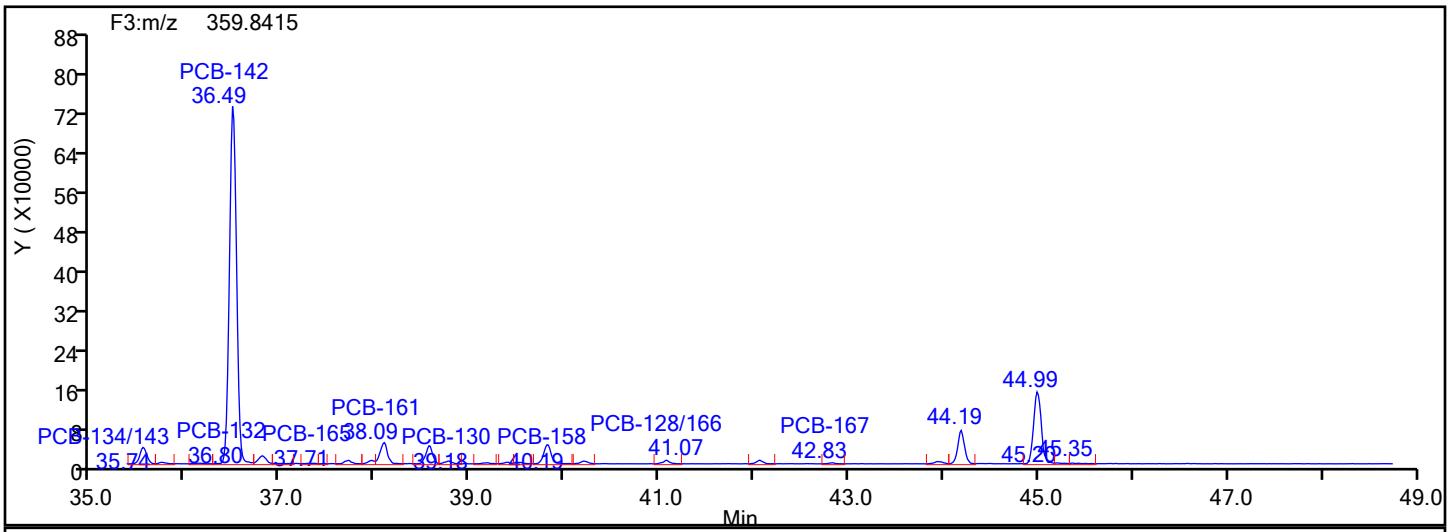


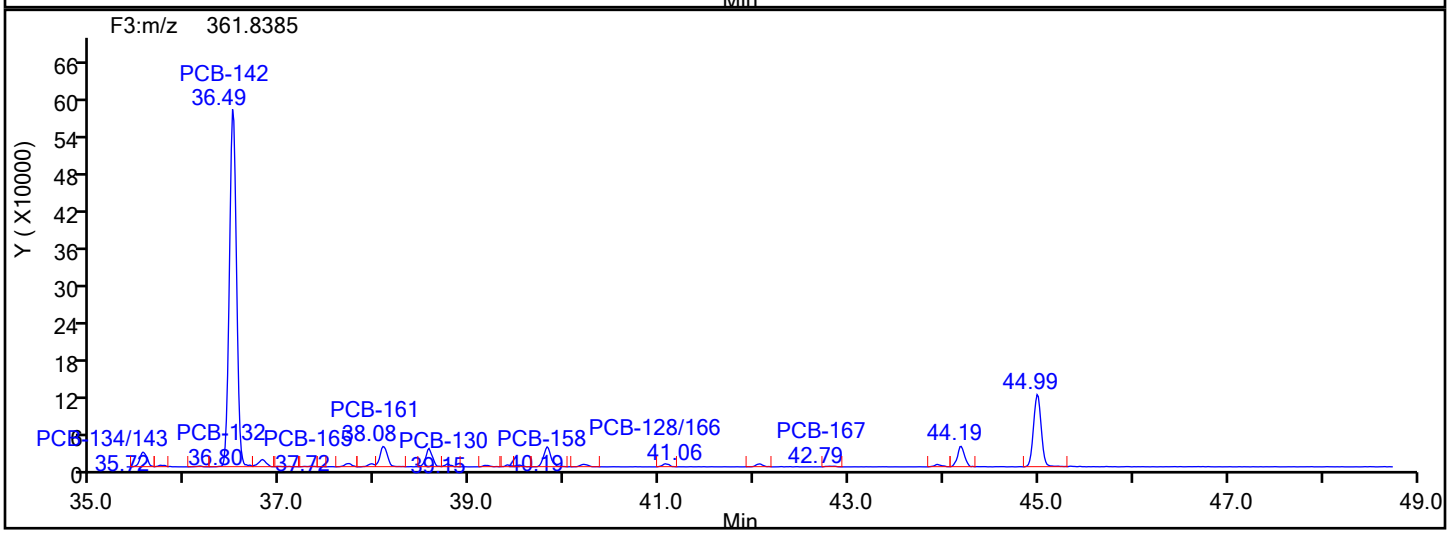
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

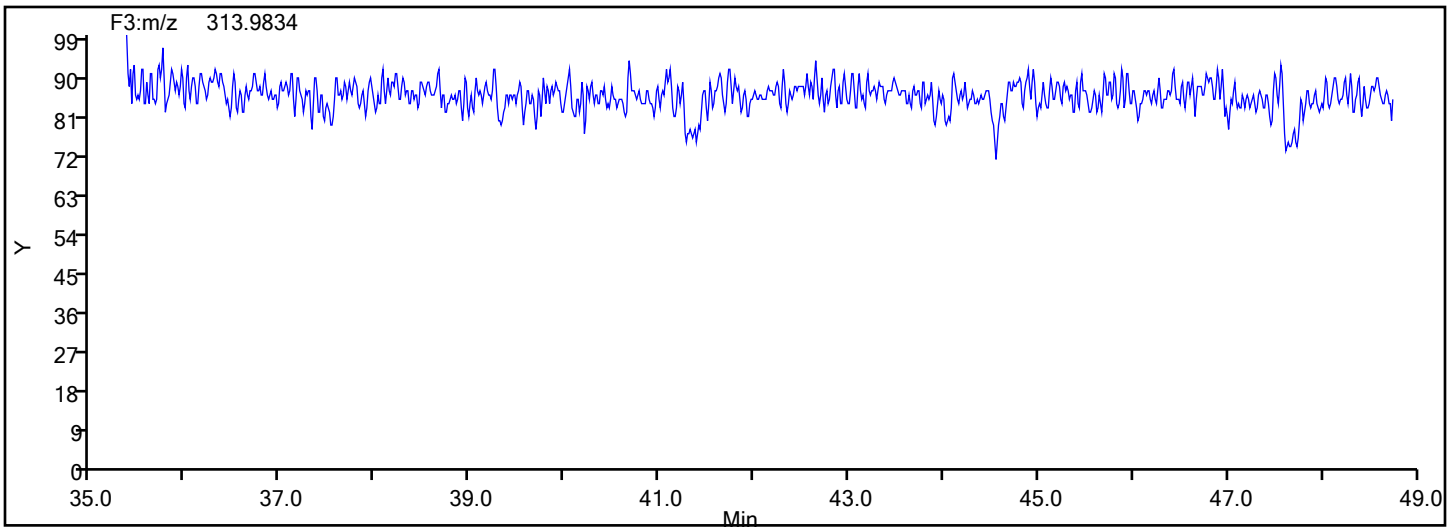
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

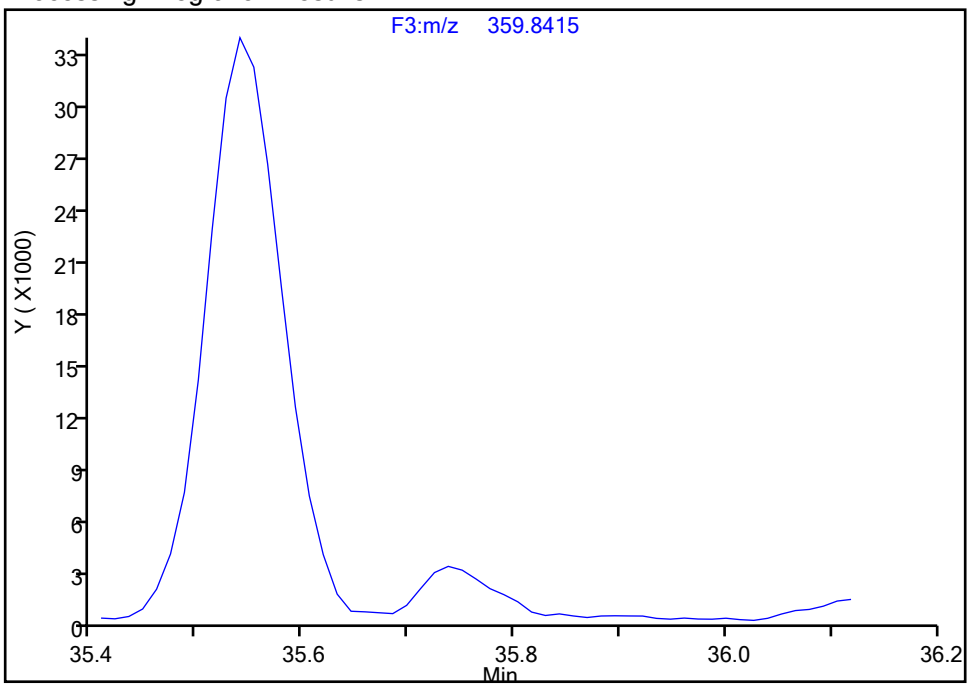
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 1

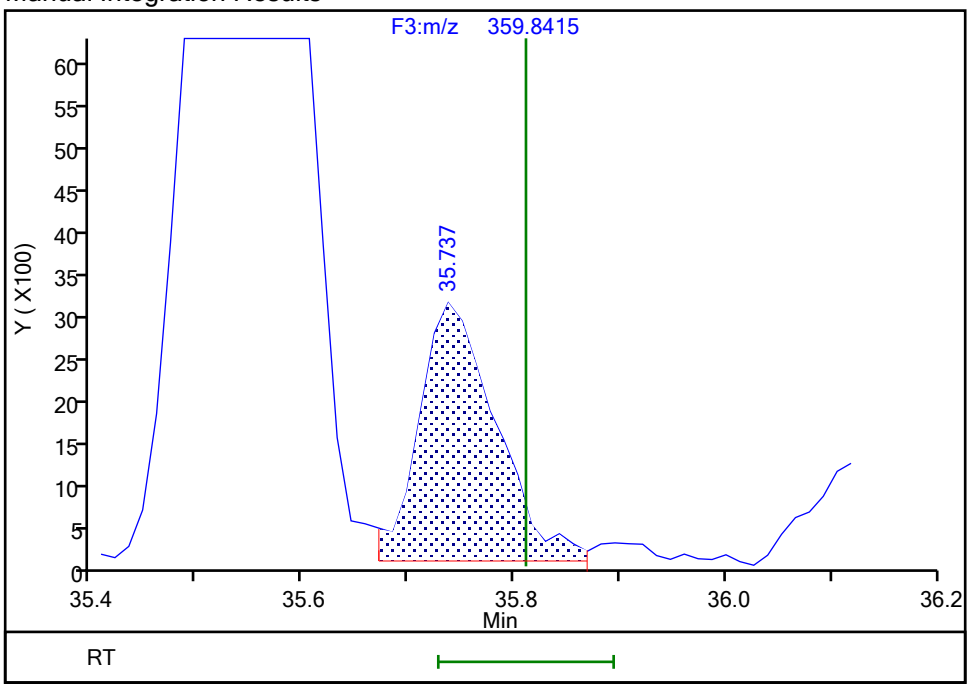
Not Detected
Expected RT: 35.81

Processing Integration Results



Manual Integration Results

RT: 35.74
Area: 15298
Amount: 0.848852
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:13:11 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

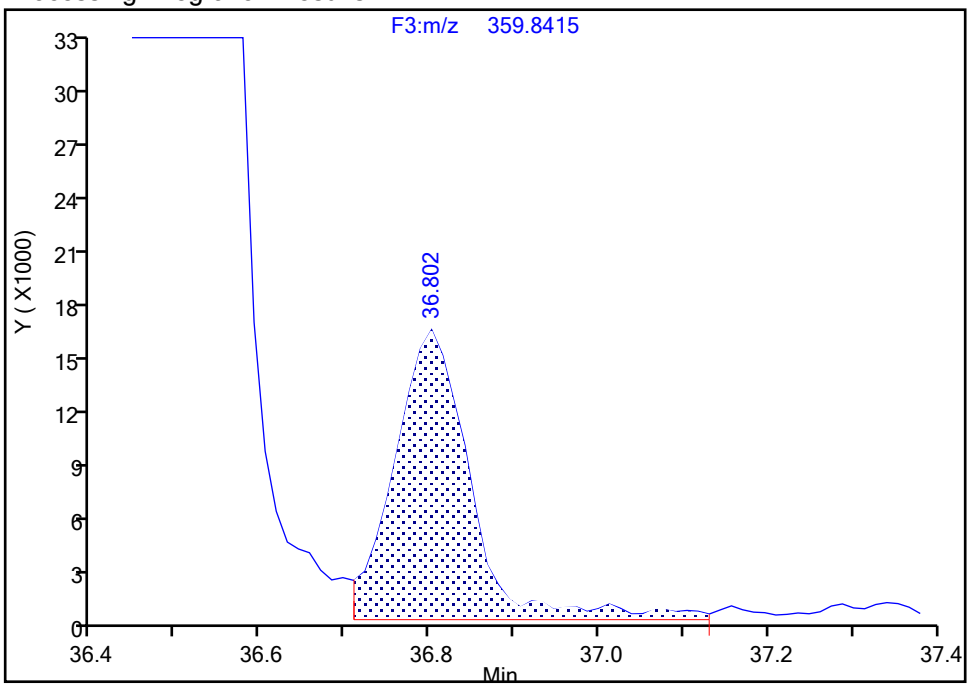
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-132, CAS: 38380-05-1

Signal: 1

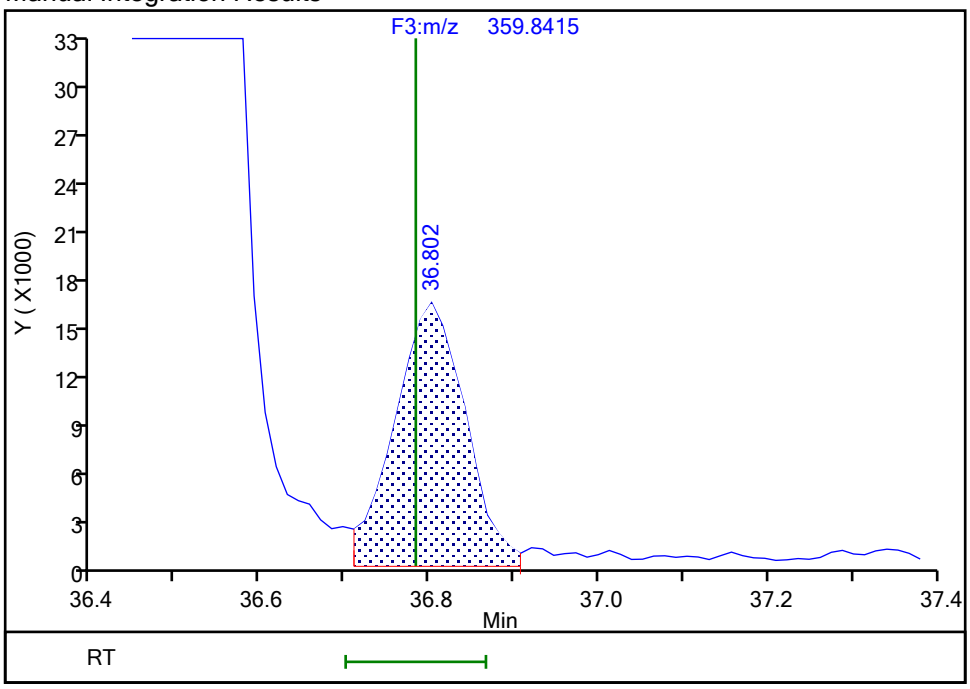
Processing Integration Results

RT: 36.80
Area: 103264
Amount: 4.857424
Amount Units: pg/ul



Manual Integration Results

RT: 36.80
Area: 94578
Amount: 4.614583
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:13:31 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

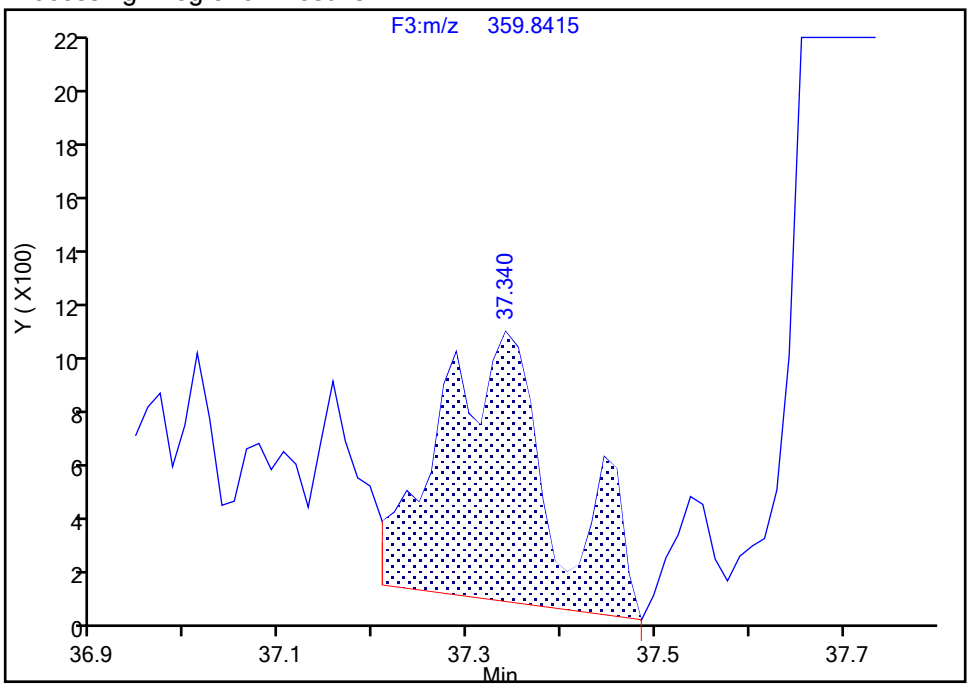
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-133, CAS: 35694-04-3

Signal: 1

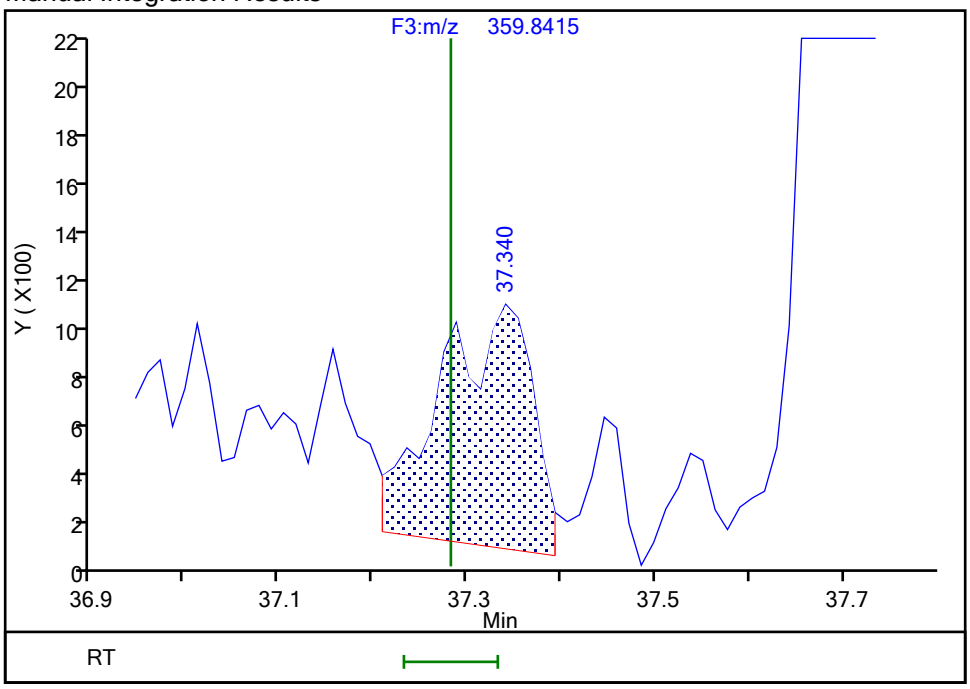
Processing Integration Results

RT: 37.34
Area: 8292
Amount: 0.394050
Amount Units: pg/ul



Manual Integration Results

RT: 37.34
Area: 6708
Amount: 0.325202
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:13:36 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

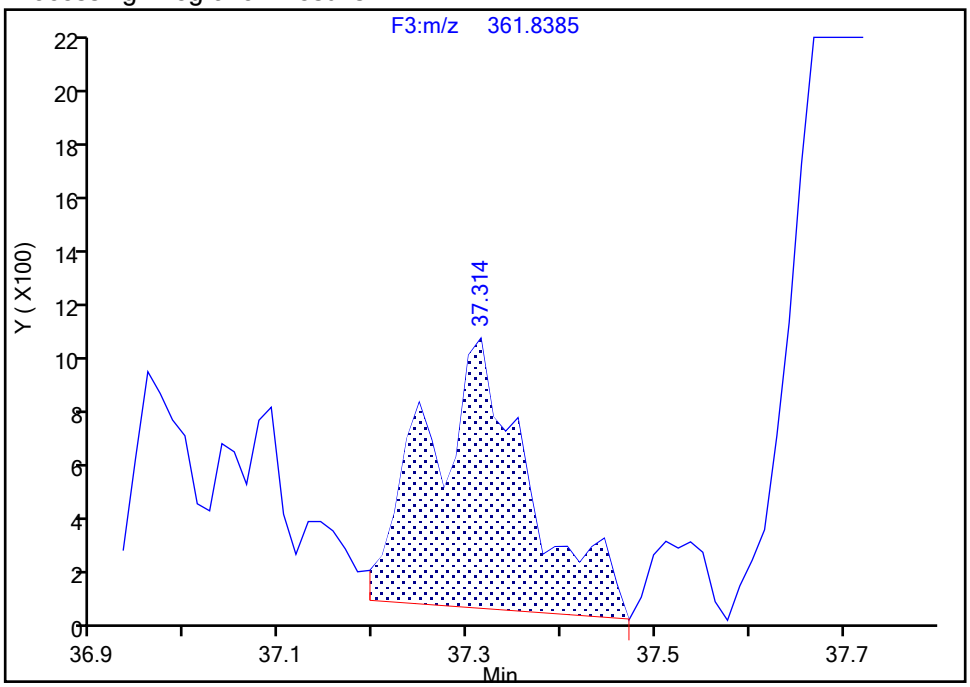
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-133, CAS: 35694-04-3

Signal: 2

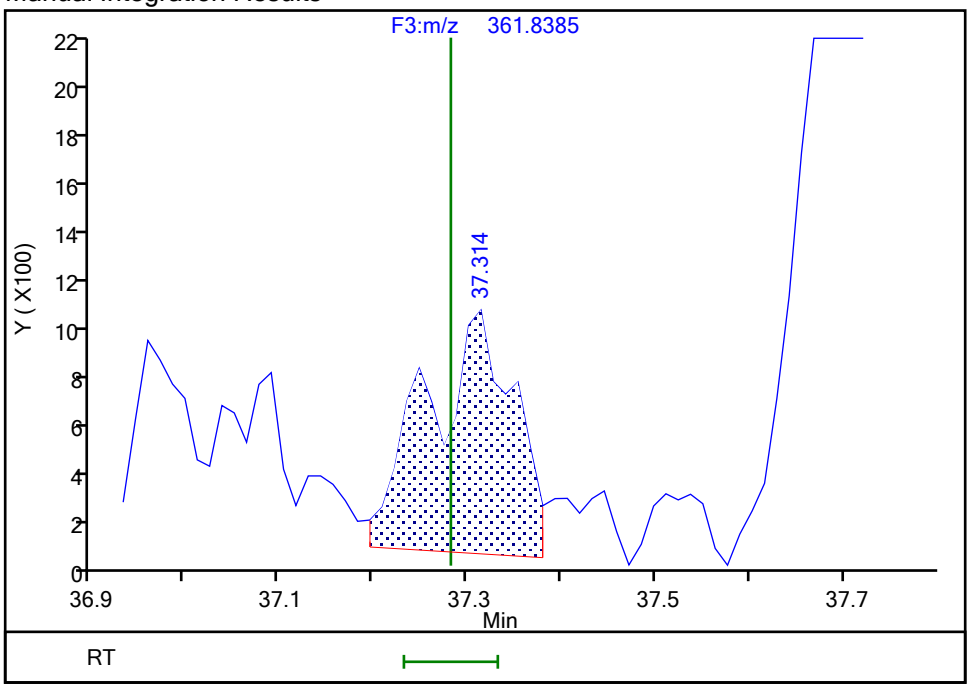
Processing Integration Results

RT: 37.31
Area: 7213
Amount: 0.394050
Amount Units: pg/ul



Manual Integration Results

RT: 37.31
Area: 6088
Amount: 0.325202
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:13:38 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

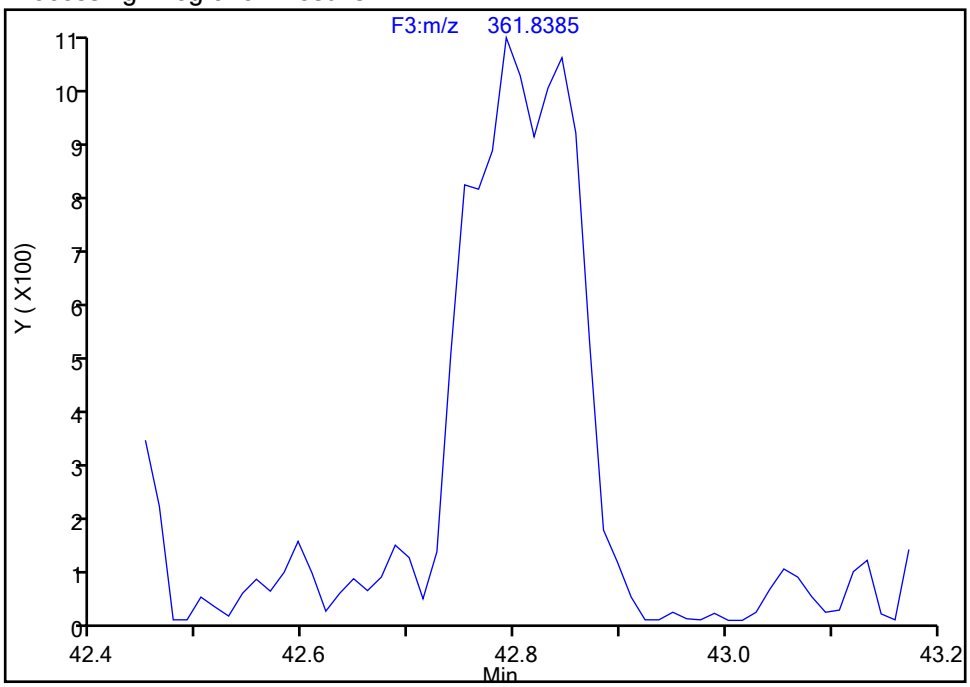
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-167, CAS: 52663-72-6

Signal: 2

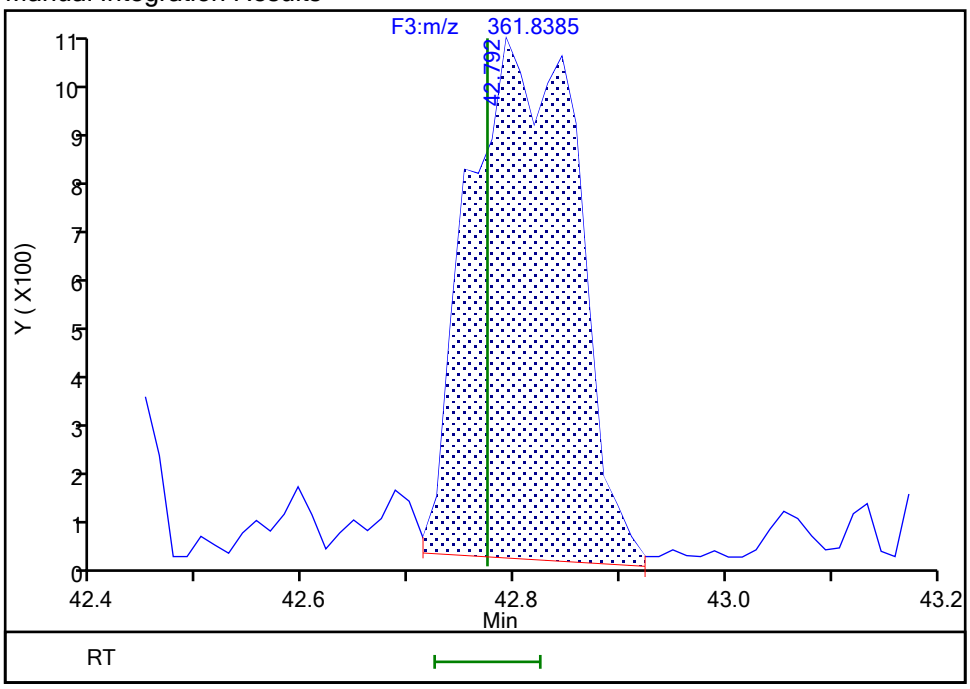
Not Detected
Expected RT: 42.77

Processing Integration Results



Manual Integration Results

RT: 42.79
Area: 7819
Amount: 0.305281
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:14:04 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

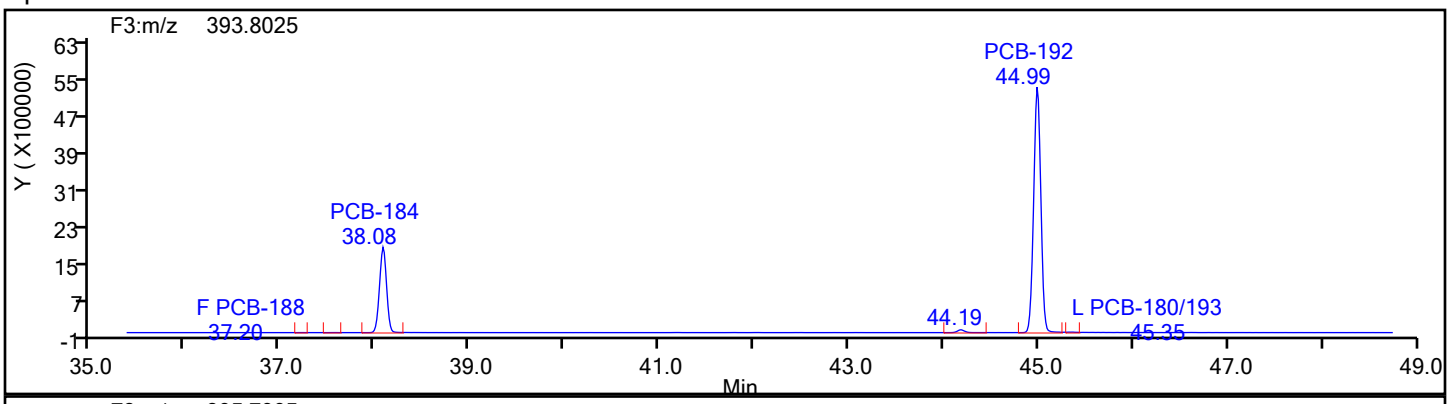
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

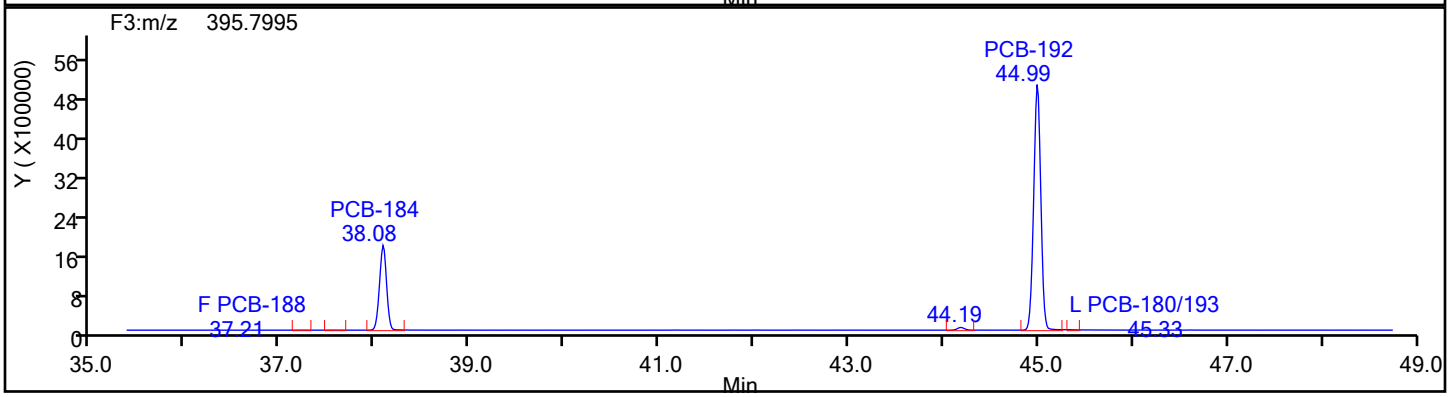
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

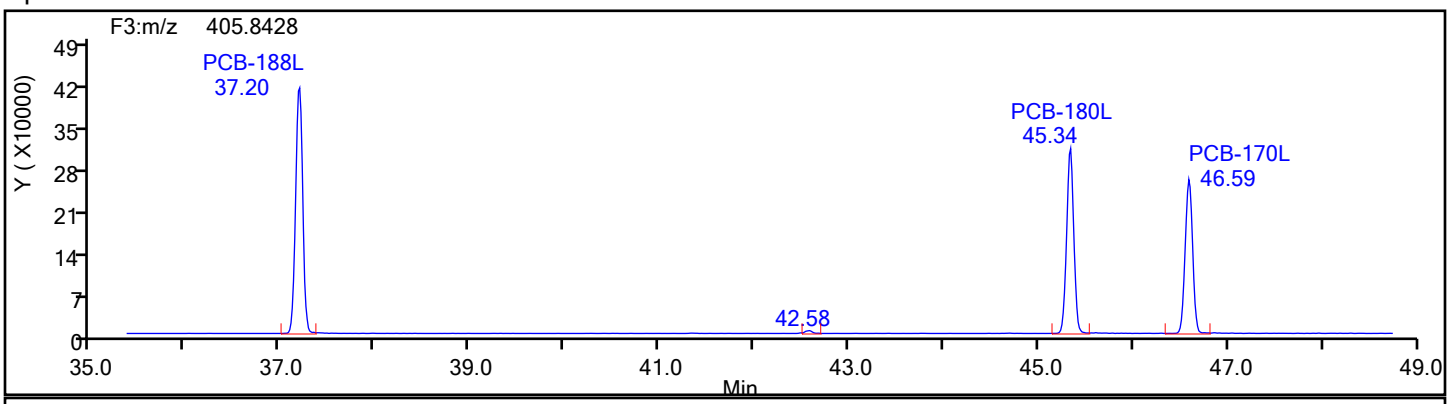
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

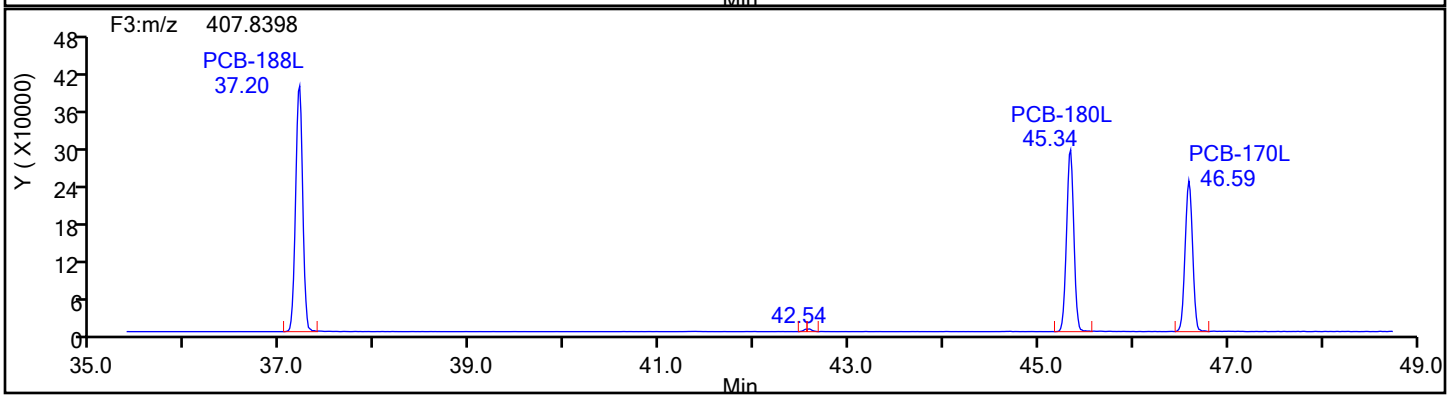
HpPCB F3





HpPCB F3 Standards



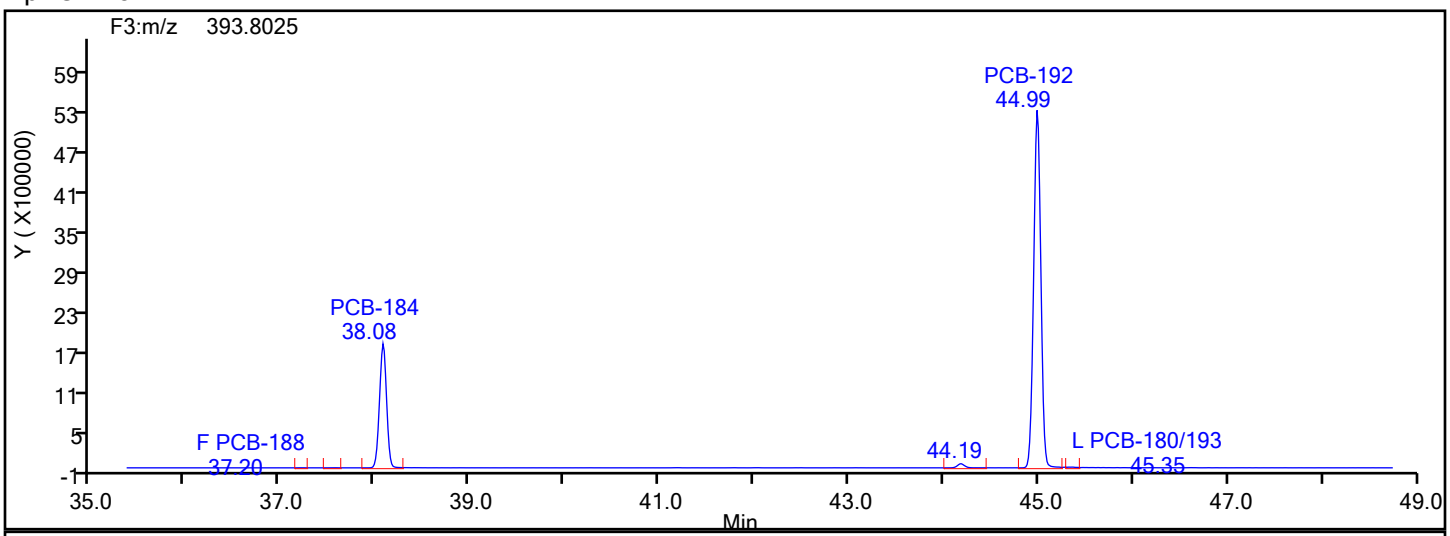


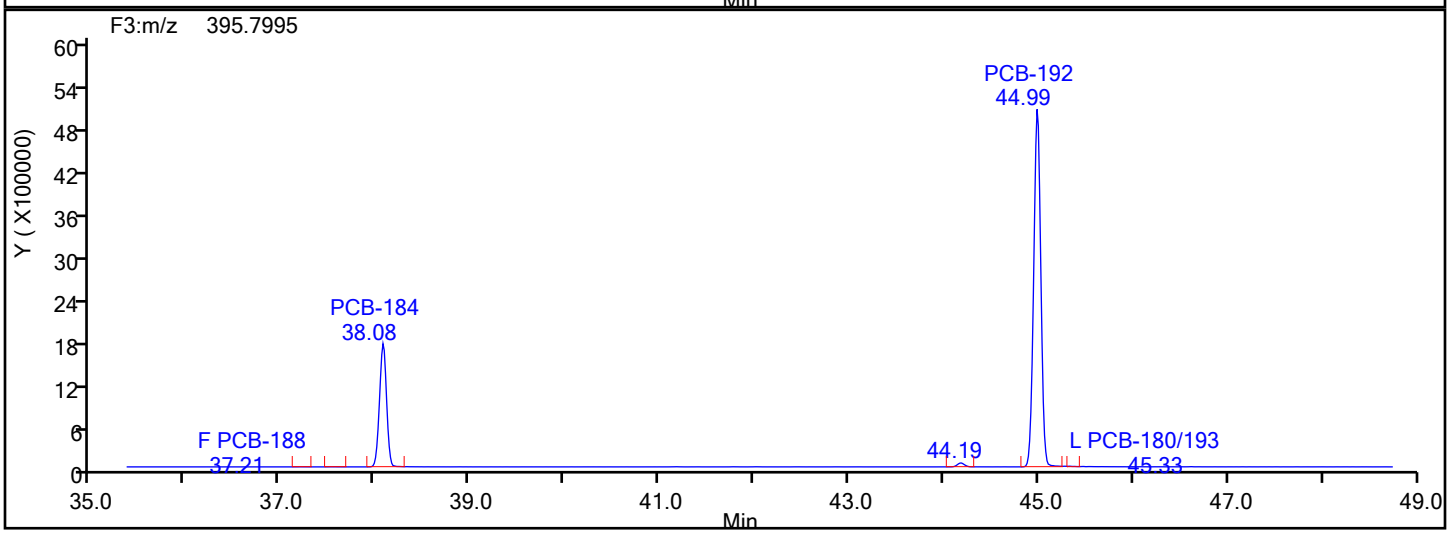
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

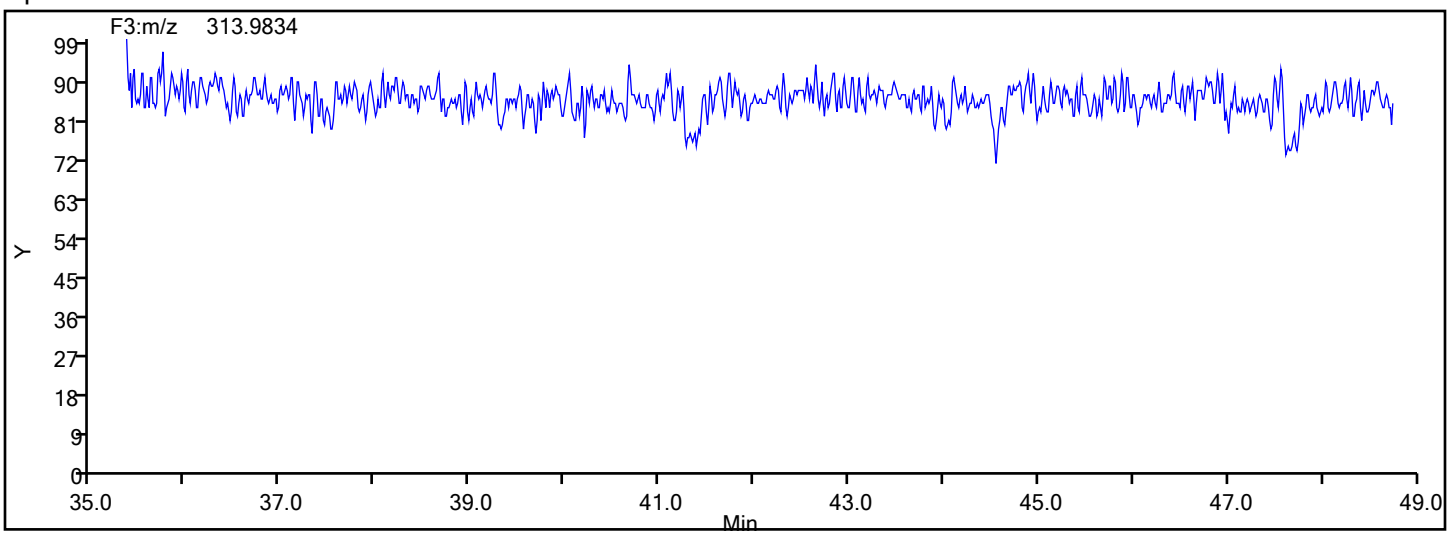
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Injection Date: 04-Jan-2024 16:03:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02-DUP
Worklist#: 82009 Sample Line#: 8
Column Type: Column Dia:

HpPCB F3





HpPCB F3 Lock Mass



Eurofins Knoxville

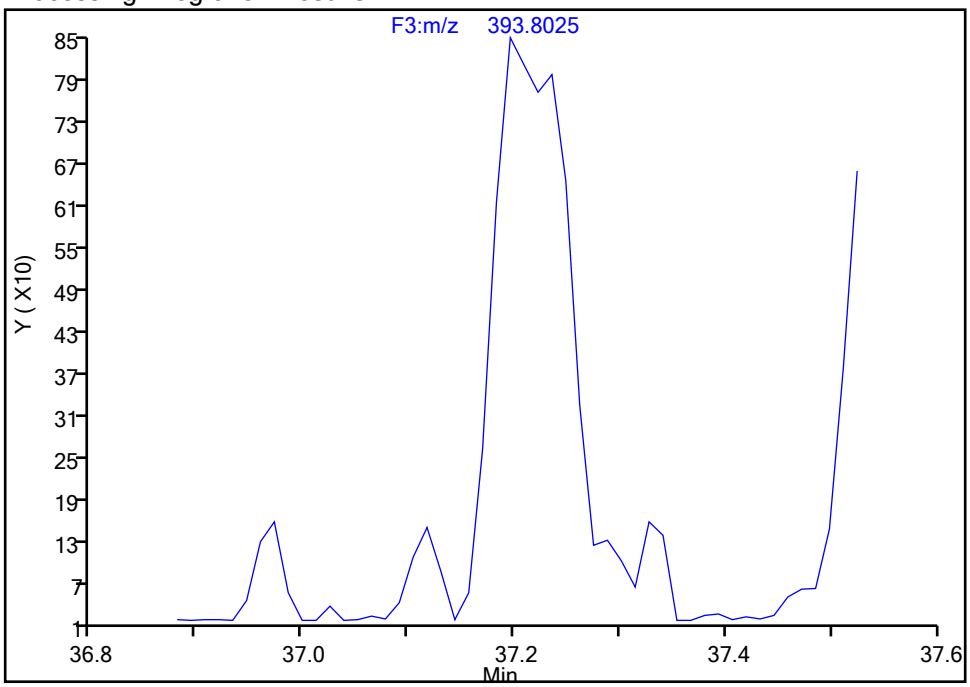
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-188, CAS: 74487-85-7

Signal: 1

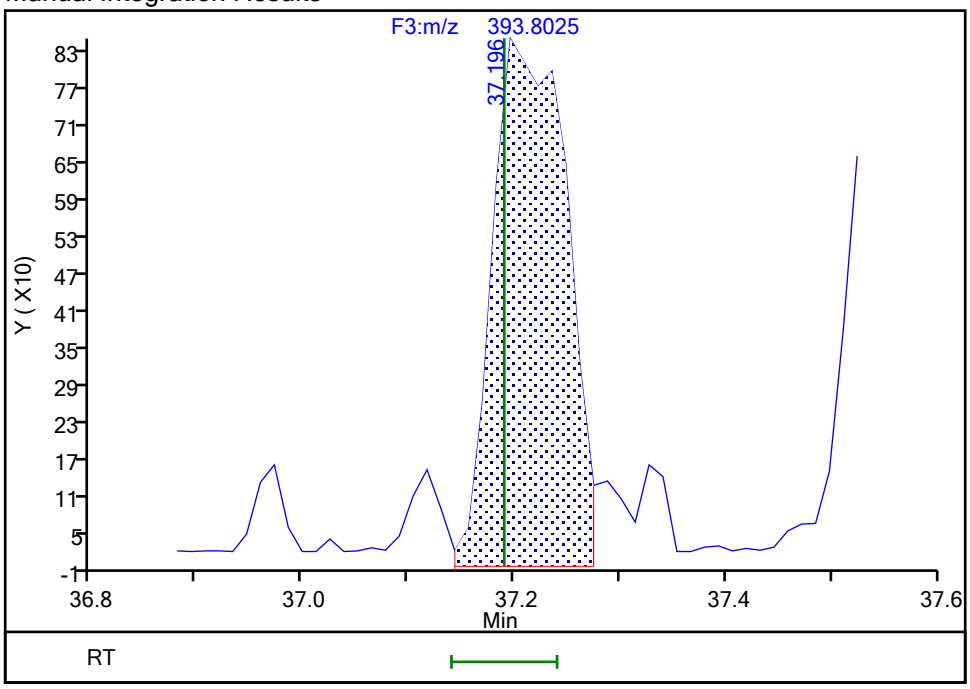
Not Detected
Expected RT: 37.19

Processing Integration Results



Manual Integration Results

RT: 37.20
Area: 4087
Amount: 0.202871
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:16:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

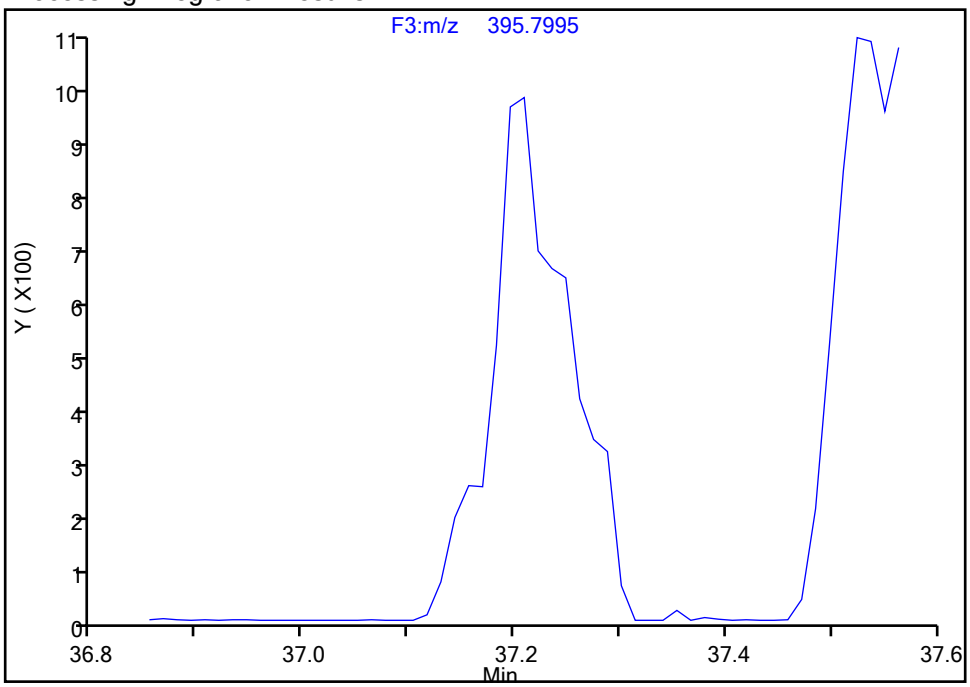
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-188, CAS: 74487-85-7

Signal: 2

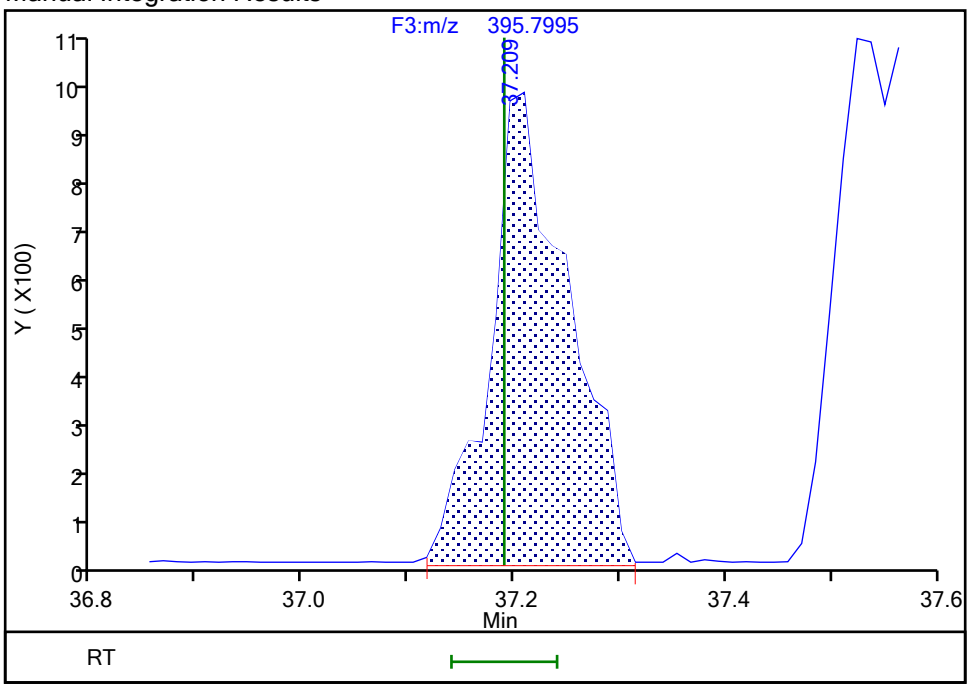
Not Detected
Expected RT: 37.19

Processing Integration Results



Manual Integration Results

RT: 37.21
Area: 4934
Amount: 0.202871
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:16:53 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

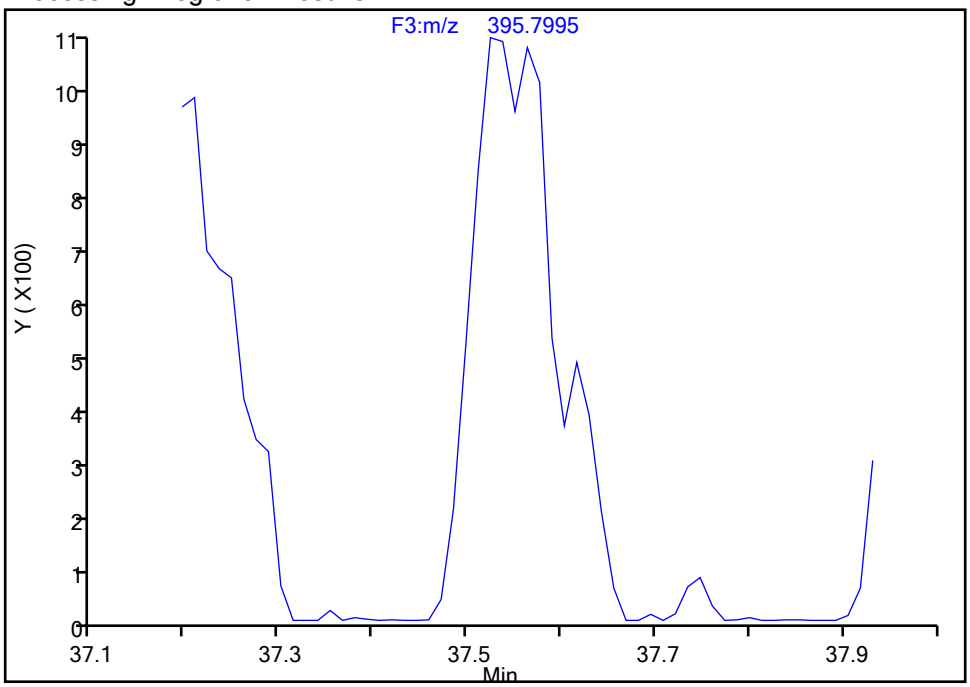
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-179, CAS: 52663-64-6

Signal: 2

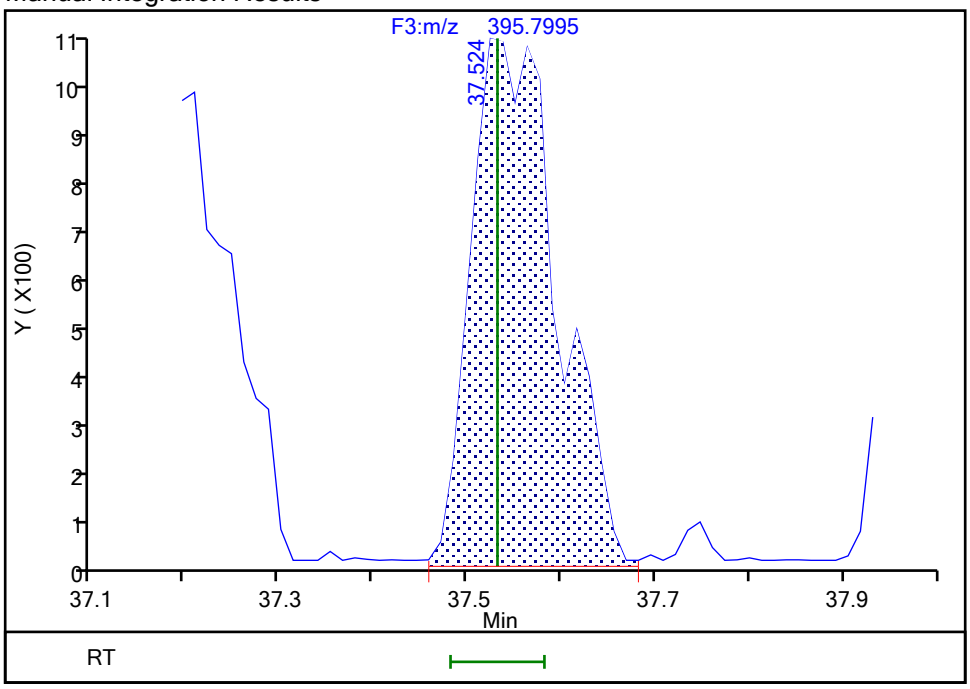
Not Detected
Expected RT: 37.53

Processing Integration Results



Manual Integration Results

RT: 37.52
Area: 6893
Amount: 0.247732
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:17:17 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

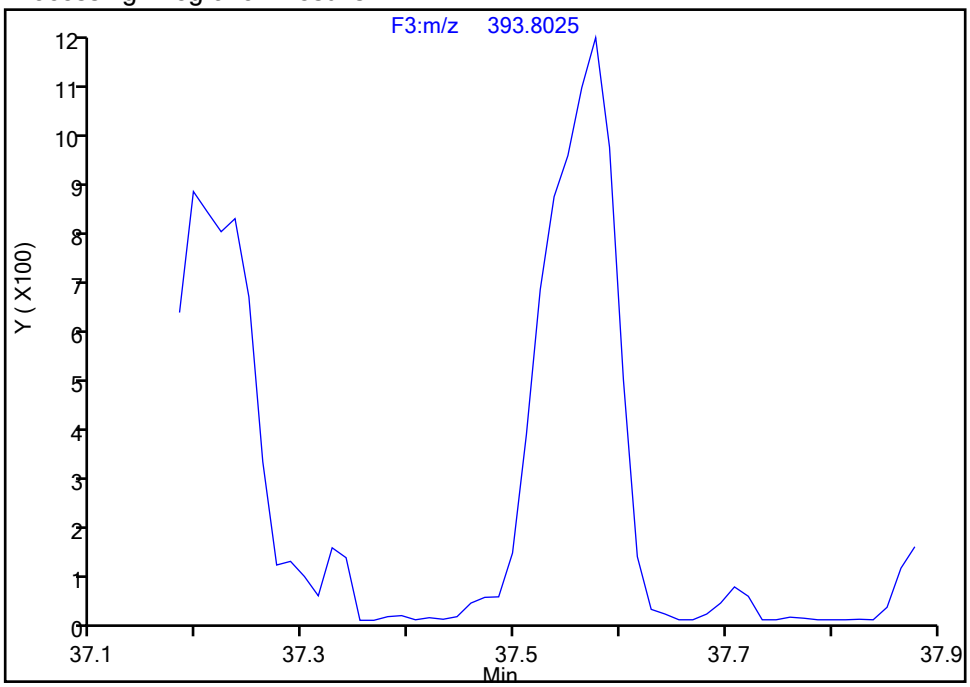
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-179, CAS: 52663-64-6

Signal: 1

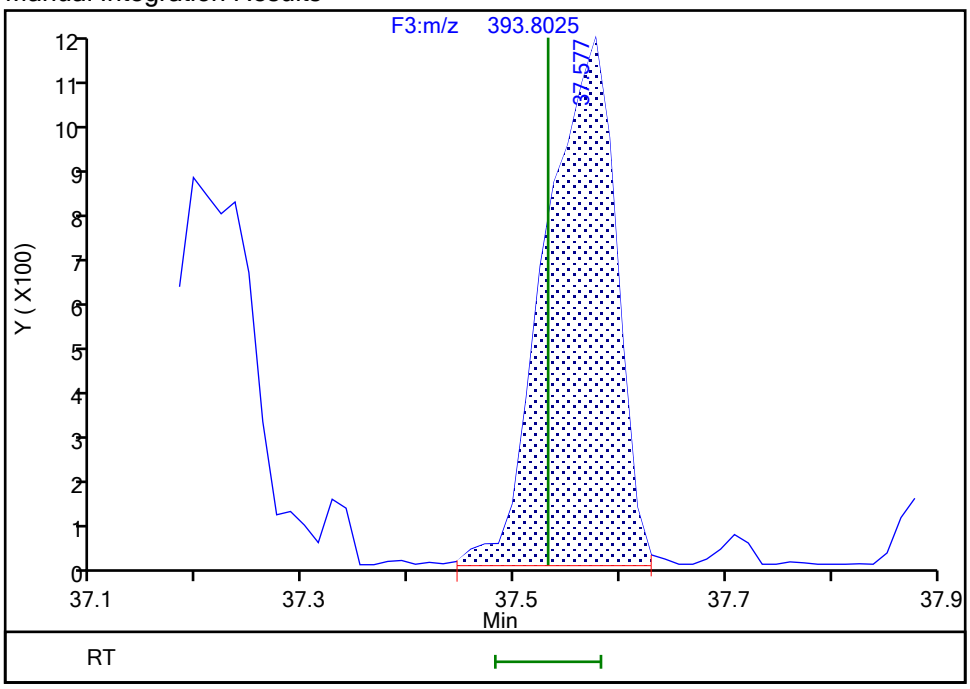
Not Detected
Expected RT: 37.53

Processing Integration Results



Manual Integration Results

RT: 37.58
Area: 5197
Amount: 0.247732
Amount Units: pg/ul



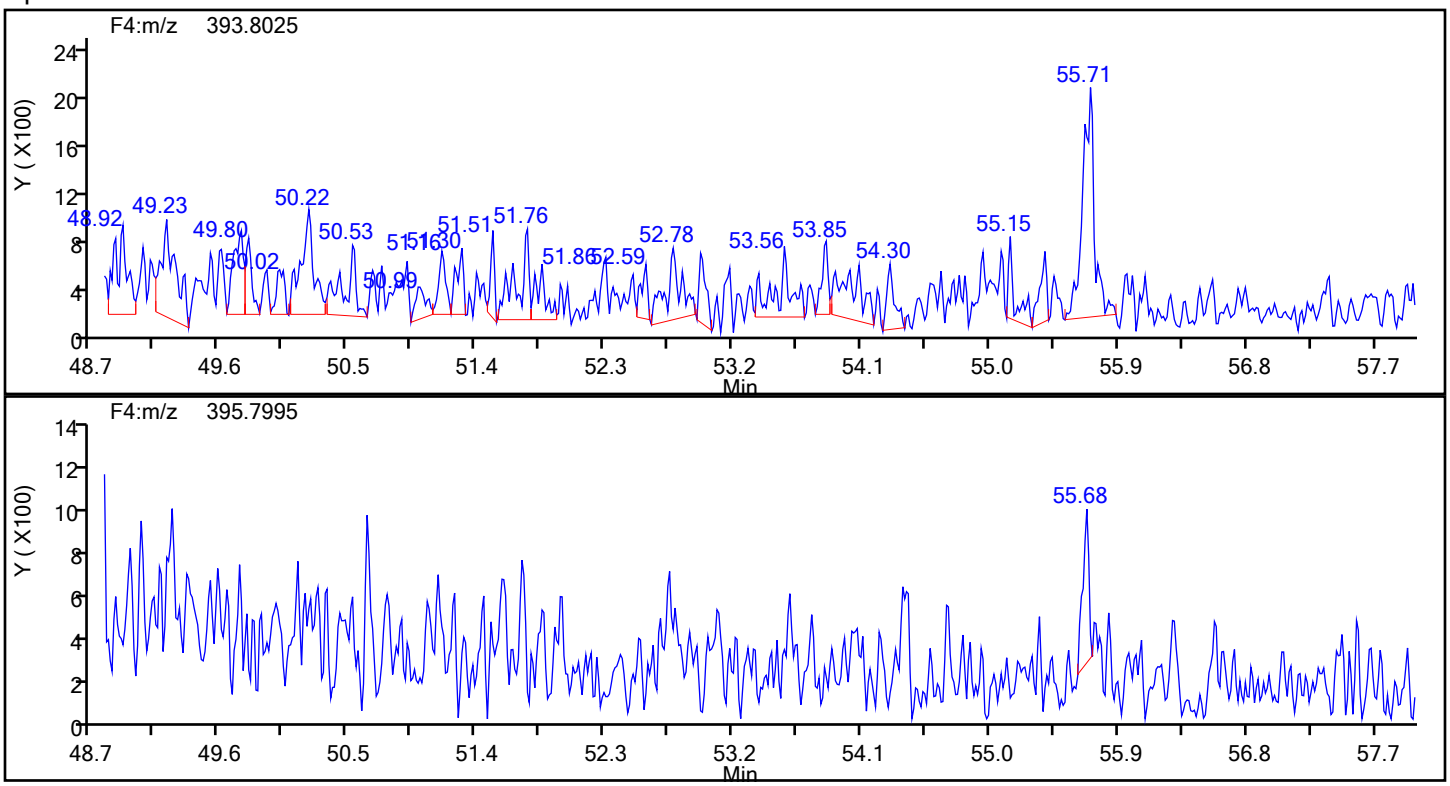
Reviewer: V4XA, 04-Jan-2024 23:17:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

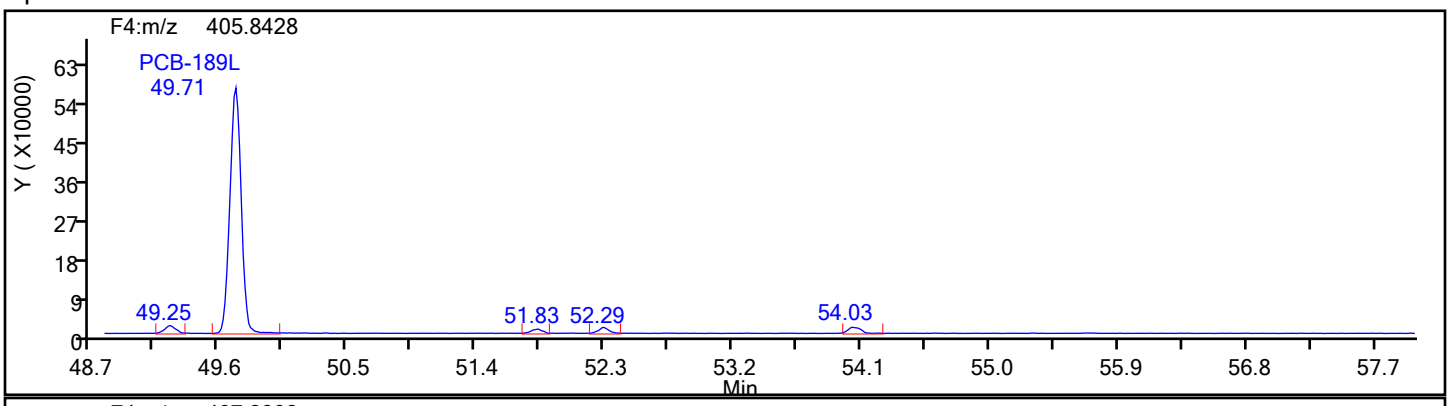
Eurofins Knoxville

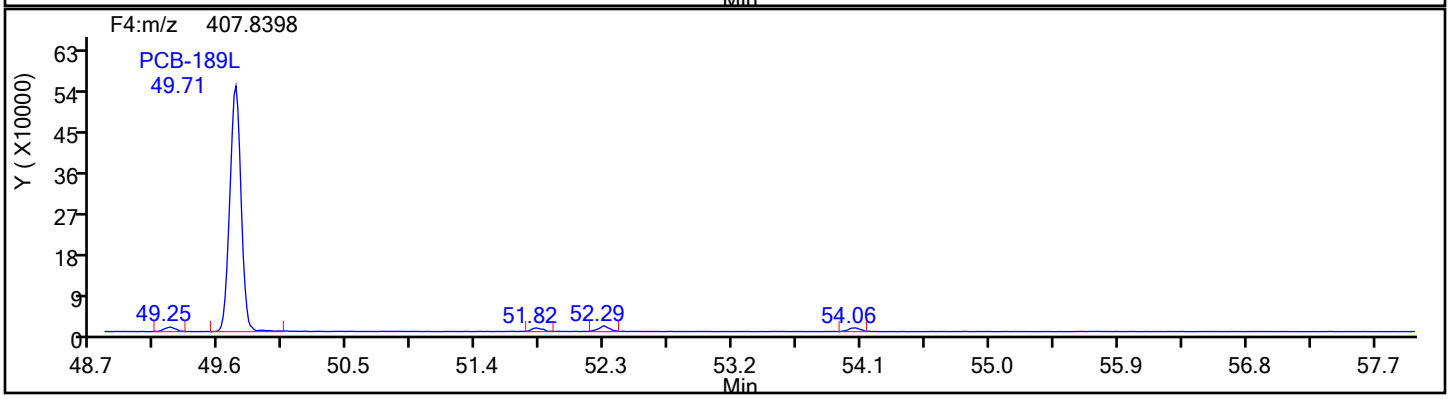
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Injection Date: 04-Jan-2024 16:03:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02-DUP
Worklist#: 82009 Sample Line#: 8
Column Type: Column Dia:

HpPCB F4



HpPCB F4 Standards



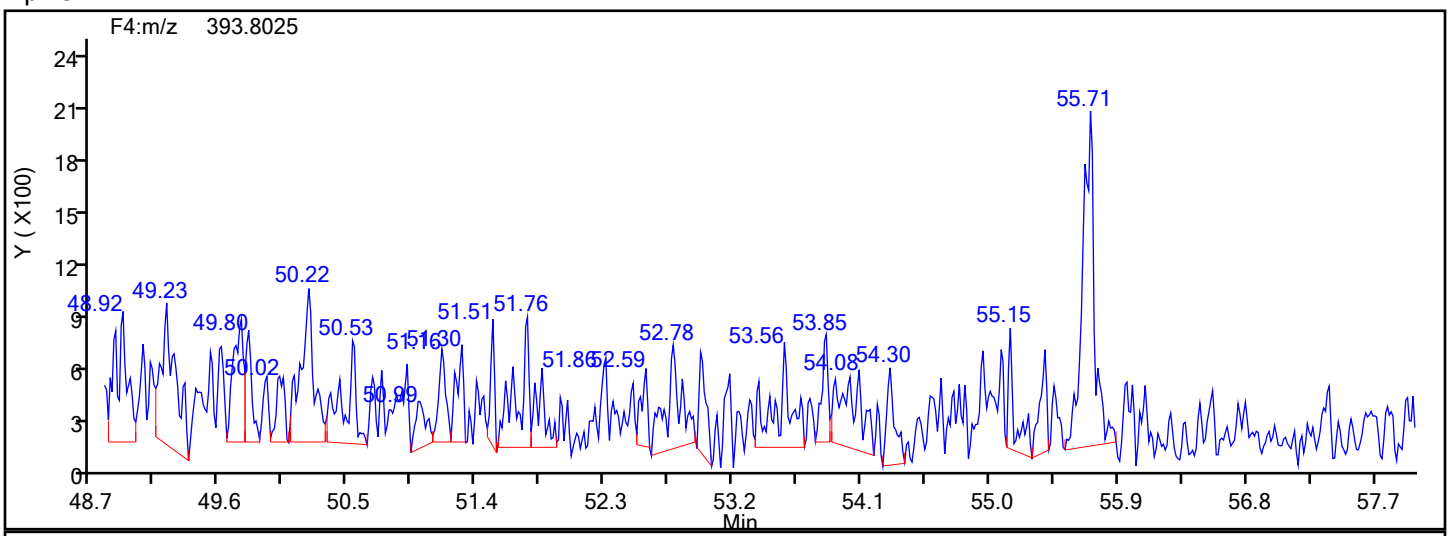


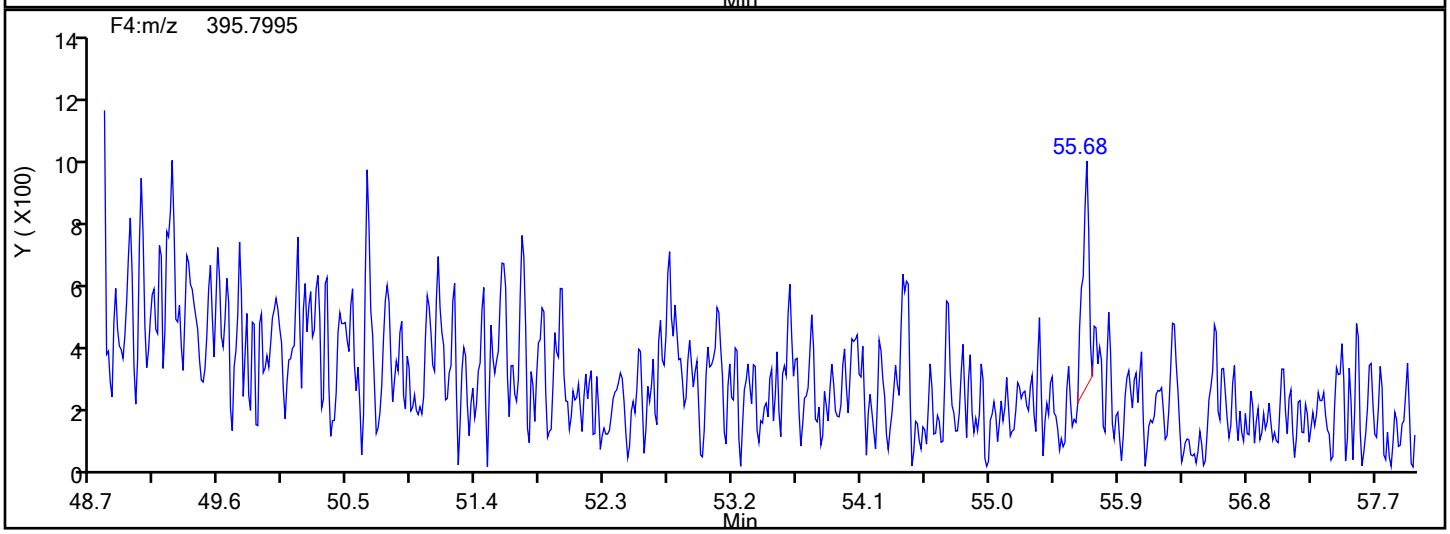
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

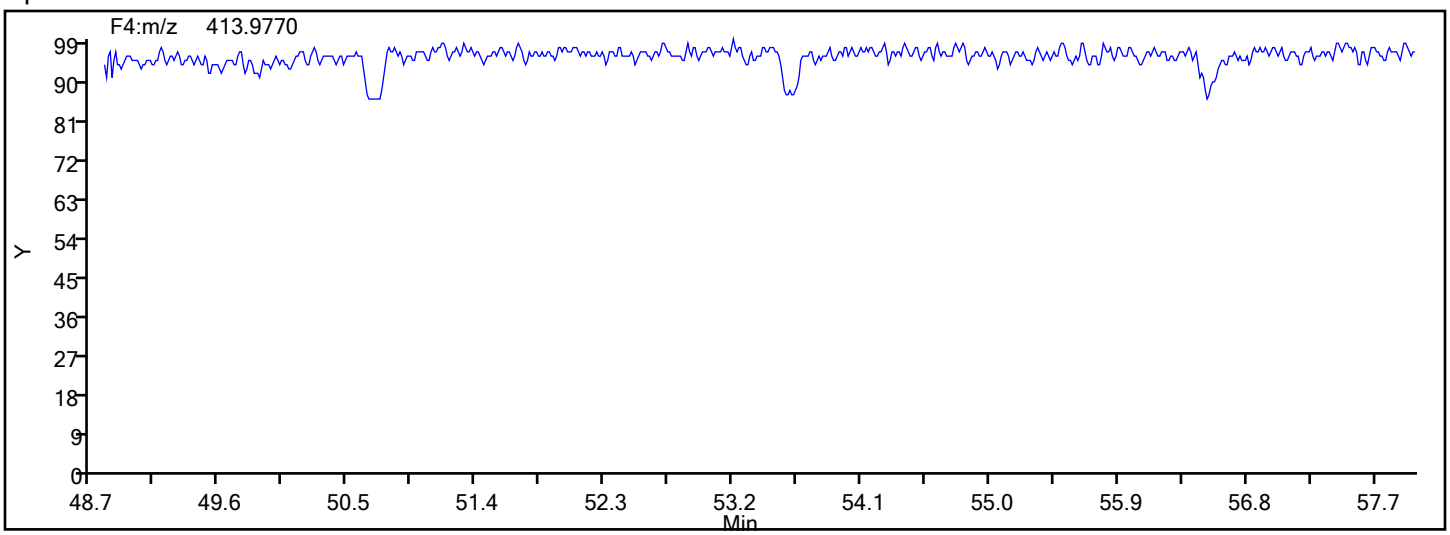
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



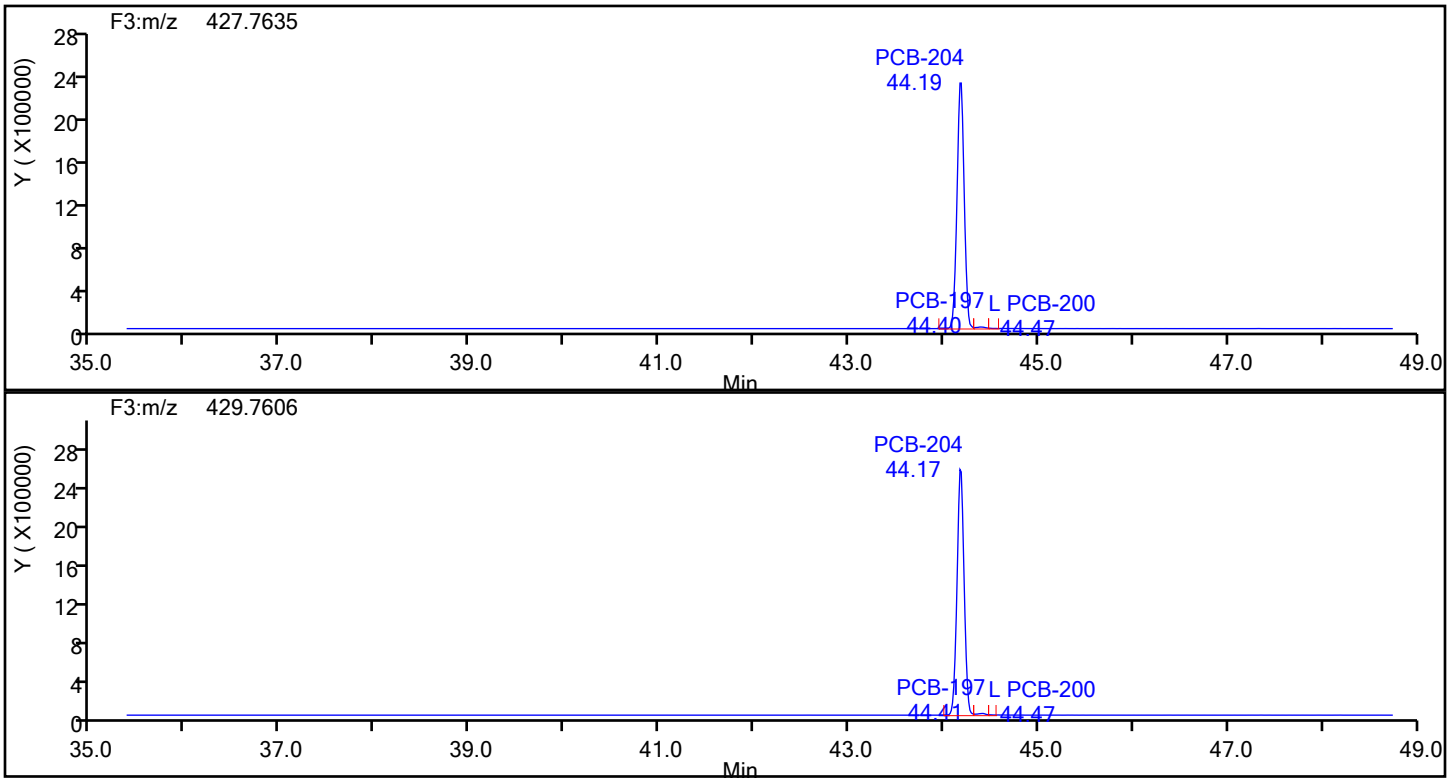
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

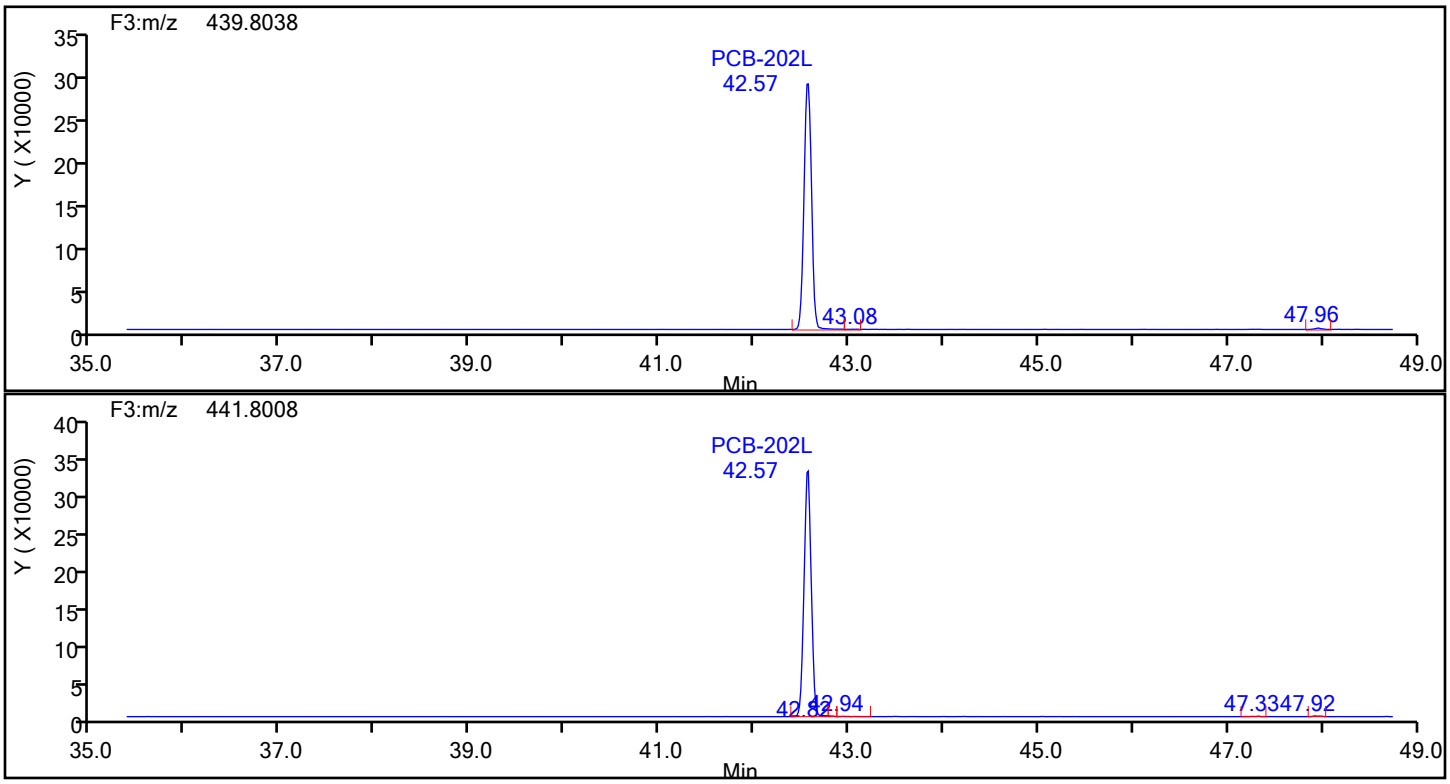
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

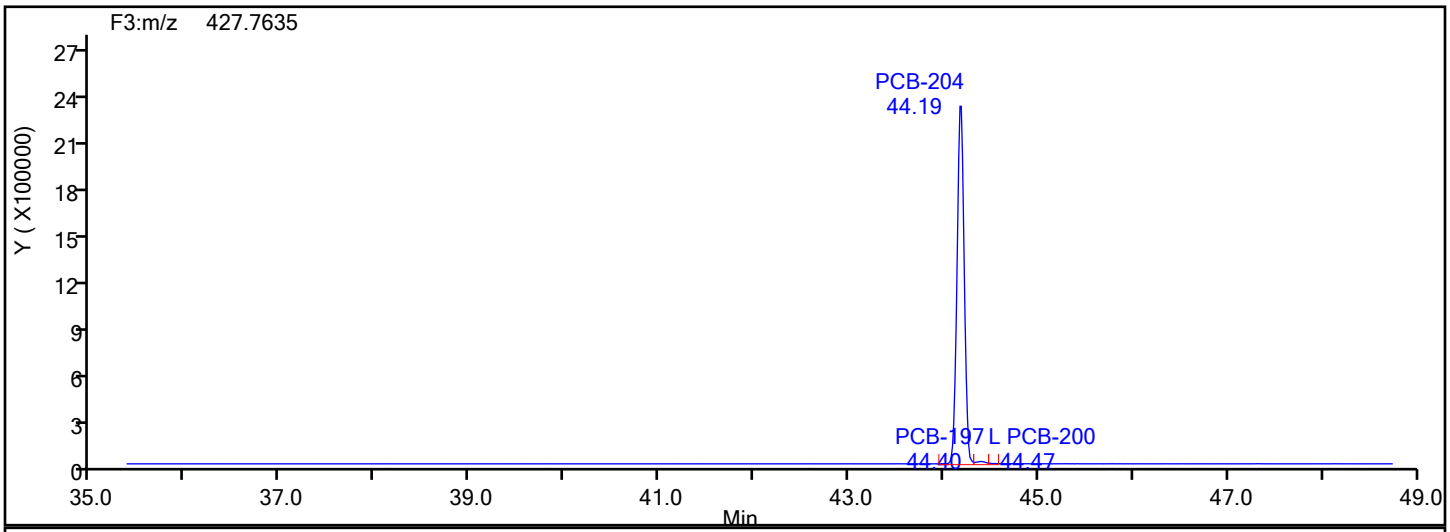


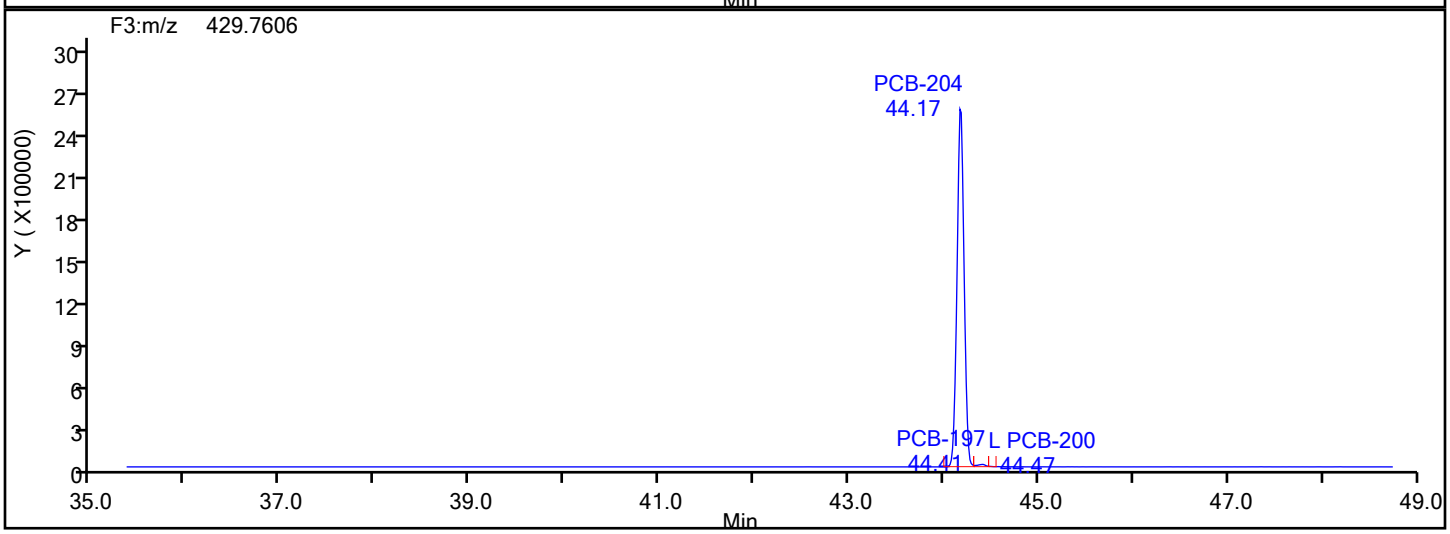
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

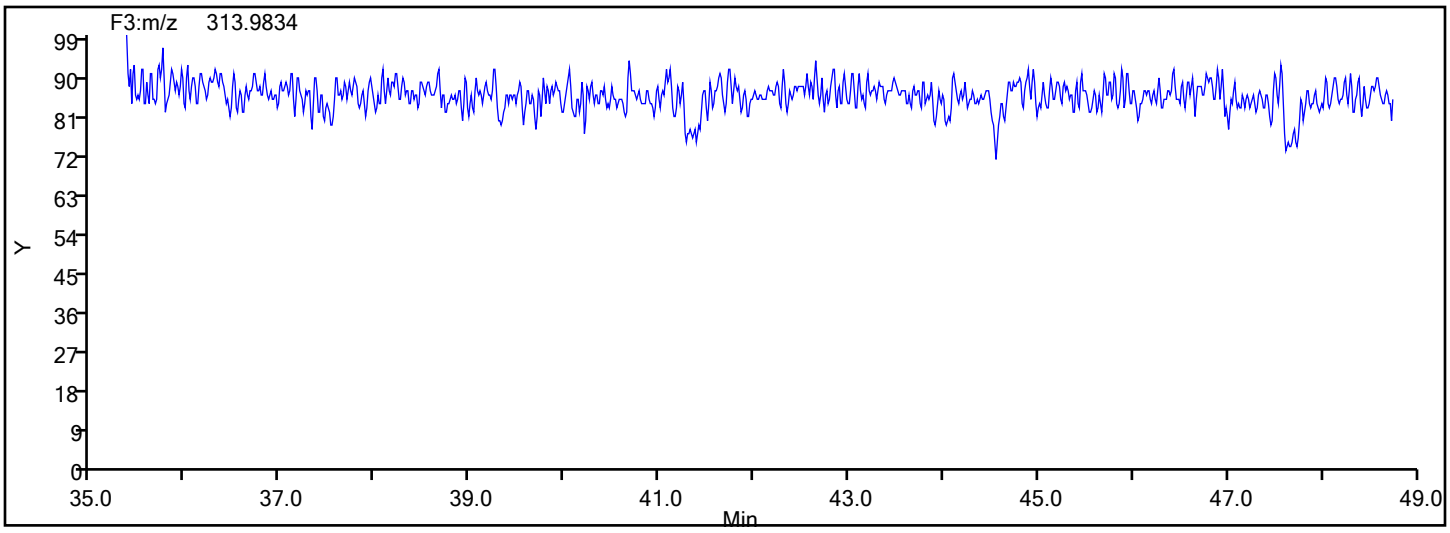
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Injection Date: 04-Jan-2024 16:03:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-02-DUP
Worklist#: 82009 Sample Line#: 8
Column Type: Column Dia:

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

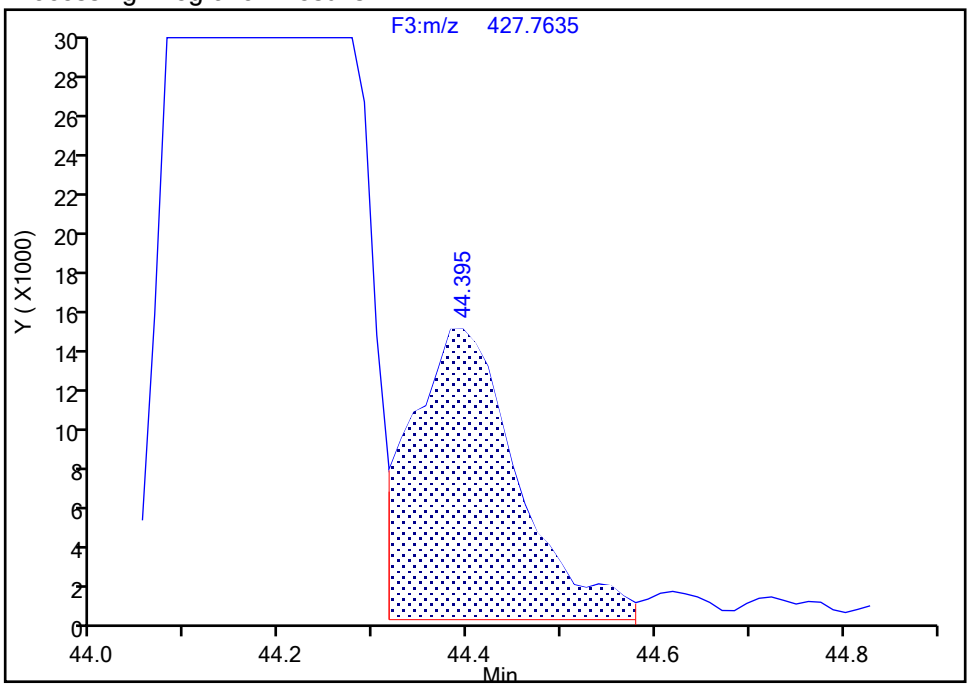
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 1

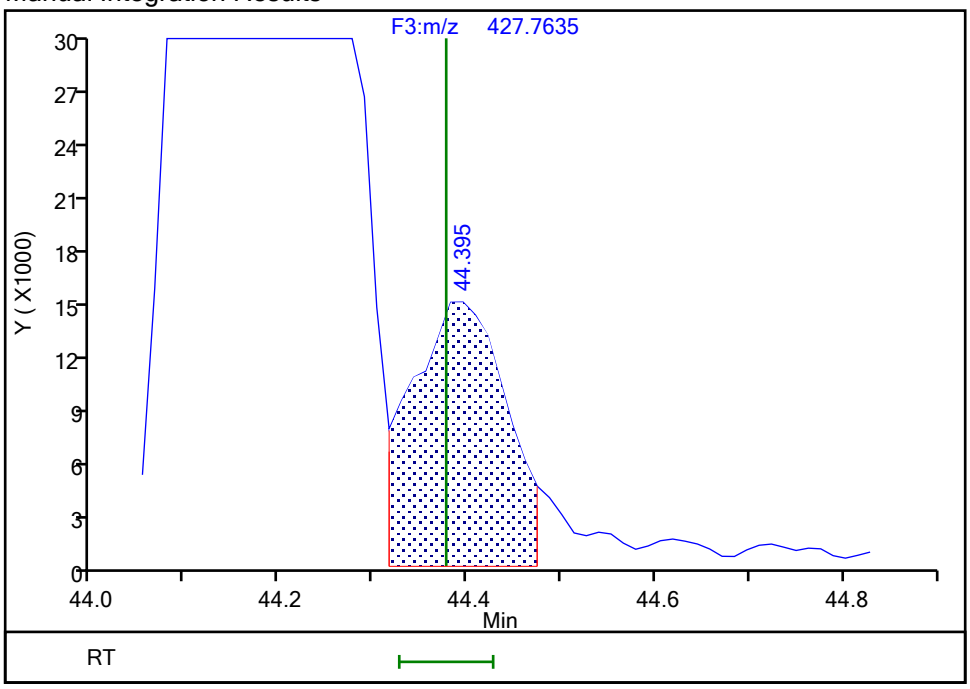
Processing Integration Results

RT: 44.40
Area: 117015
Amount: 7.020982
Amount Units: pg/ul



Manual Integration Results

RT: 44.40
Area: 103079
Amount: 6.265114
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:19:21 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

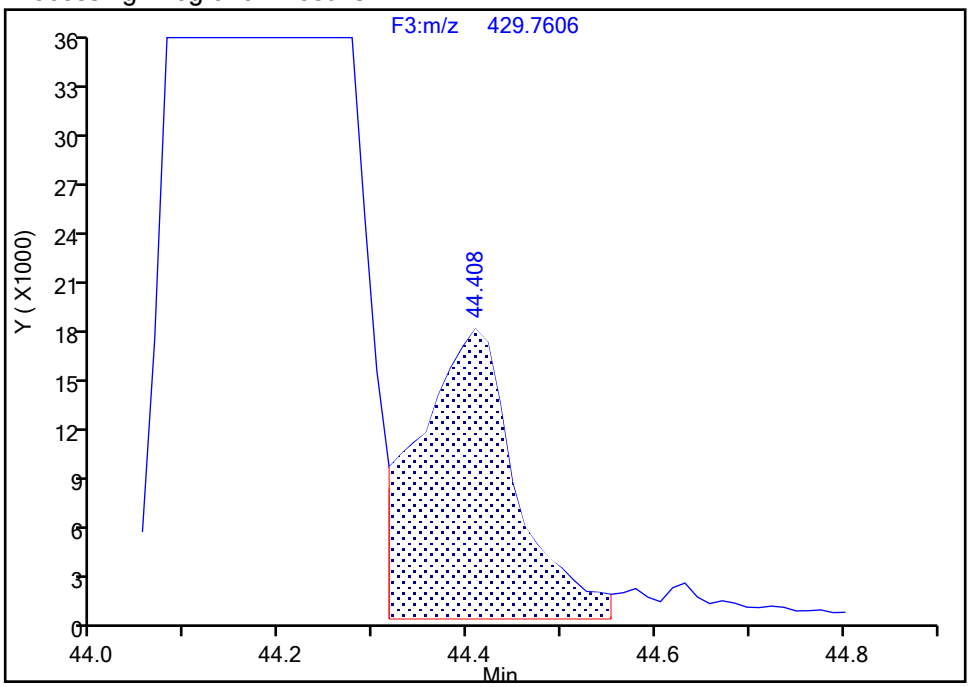
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 2

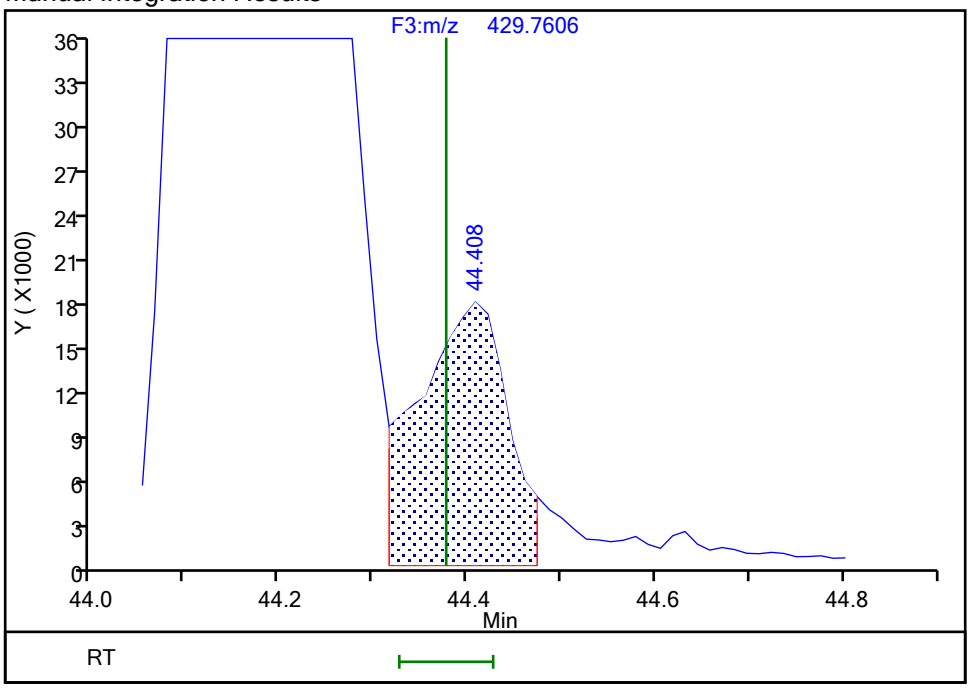
Processing Integration Results

RT: 44.41
Area: 129394
Amount: 7.020982
Amount Units: pg/ul



Manual Integration Results

RT: 44.41
Area: 116802
Amount: 6.265114
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:19:24 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

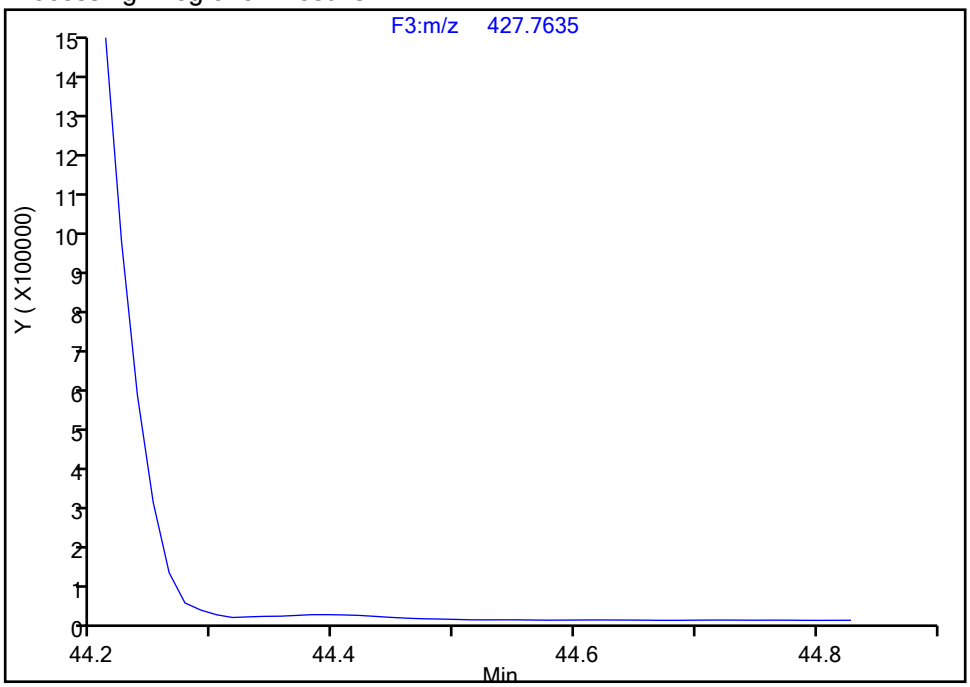
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 1

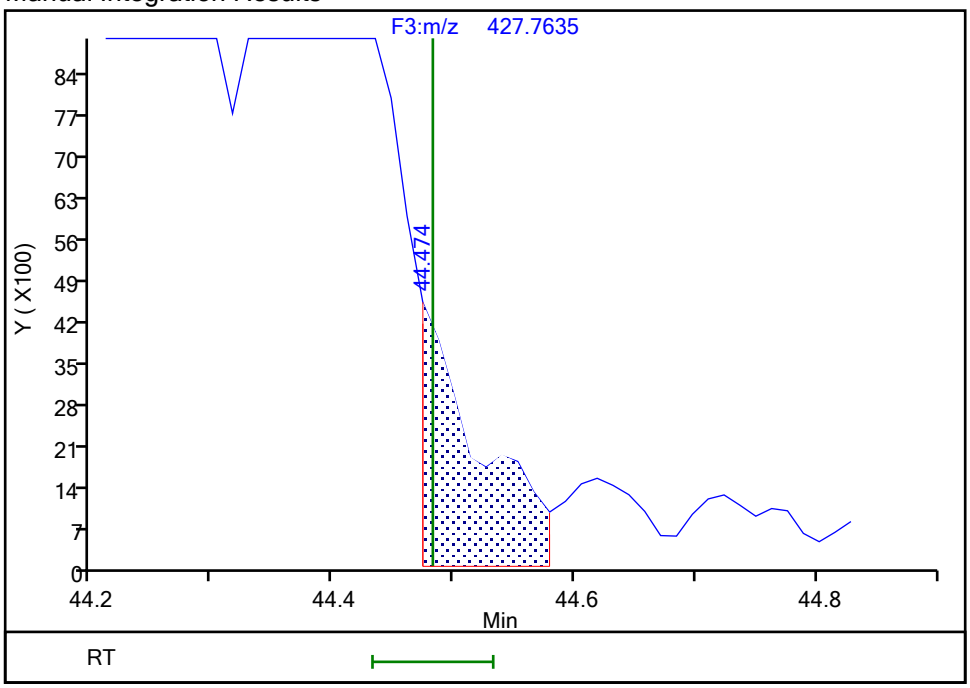
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.47
Area: 13935
Amount: 0.819574
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:19:21 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

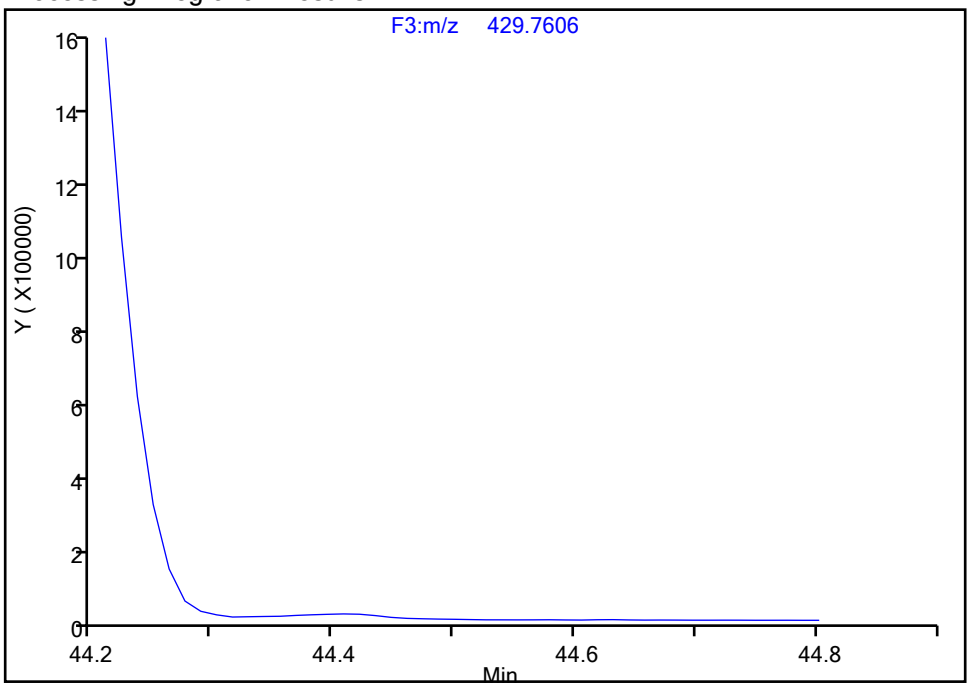
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Injection Date: 04-Jan-2024 16:03:00 Instrument ID: D2D
Lims ID: 140-34509-A-4-B Lab Sample ID: 140-34509-4
Client ID: PW-02-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-200, CAS: 52663-73-7

Signal: 2

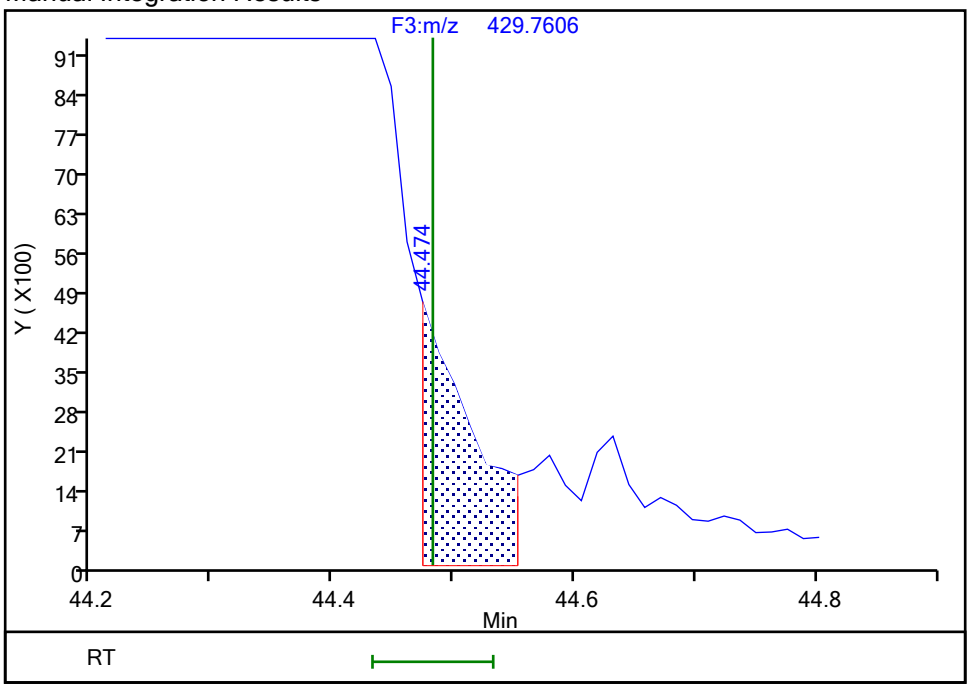
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.47
Area: 12592
Amount: 0.819574
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:19:24 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

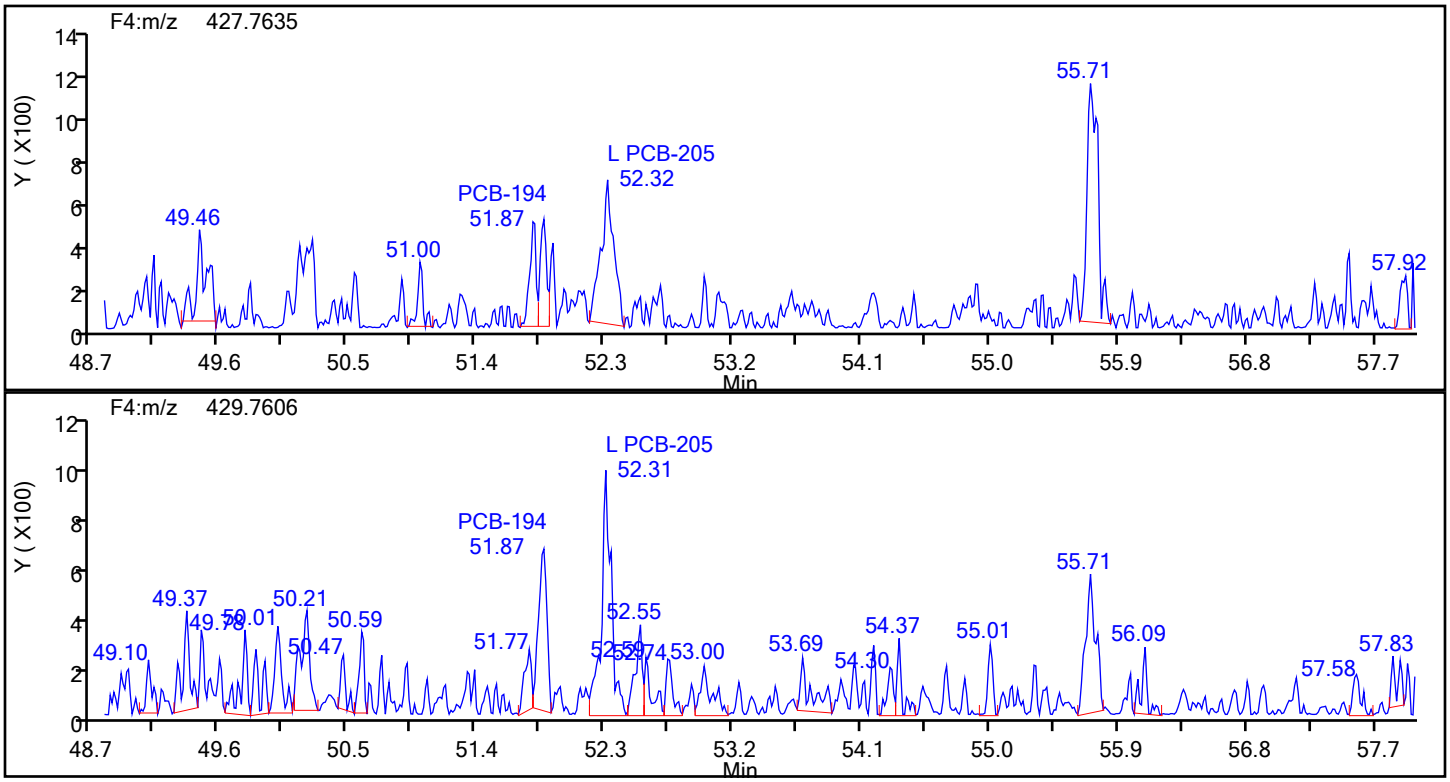
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

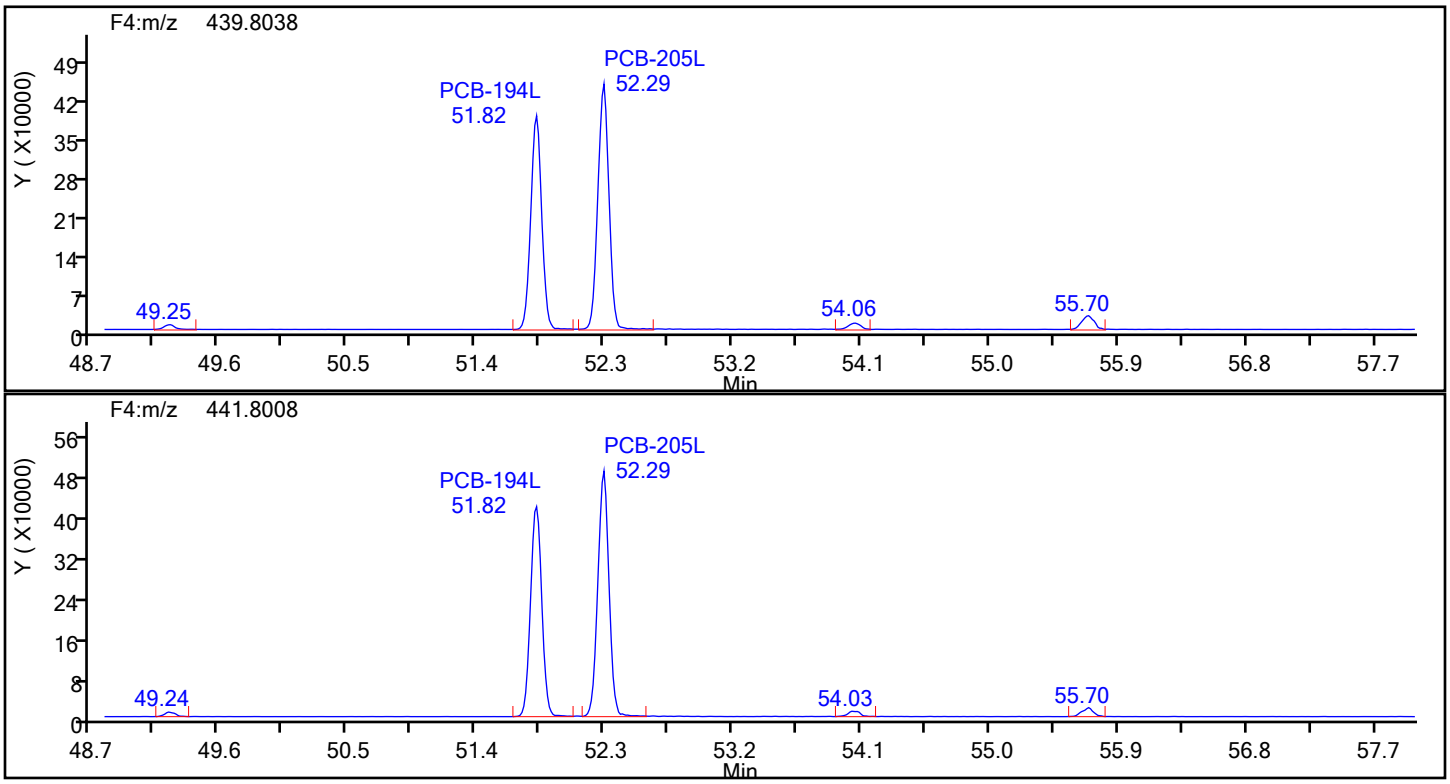
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

OcPCB F4



OcPCB F4 Standards



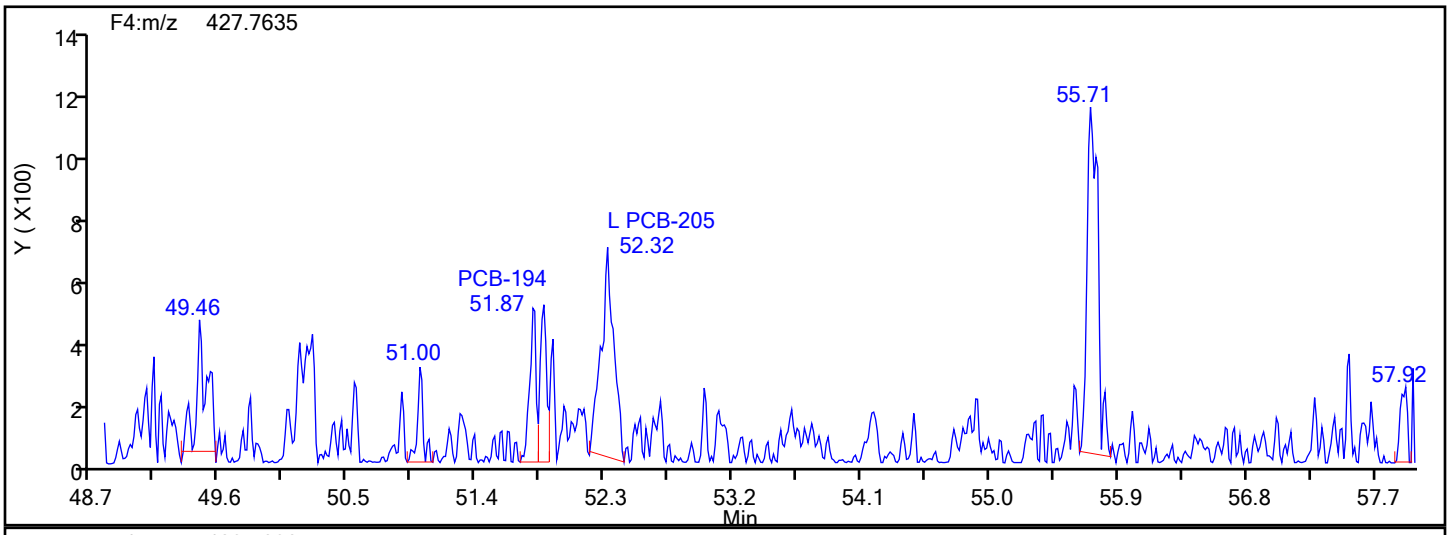
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

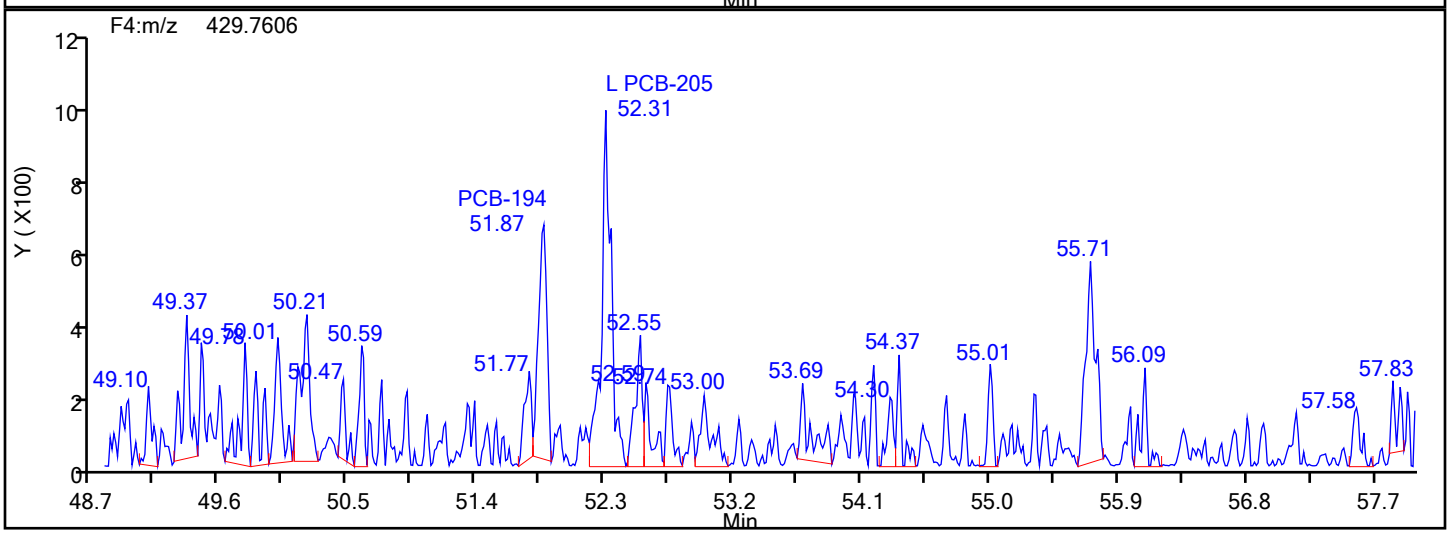
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

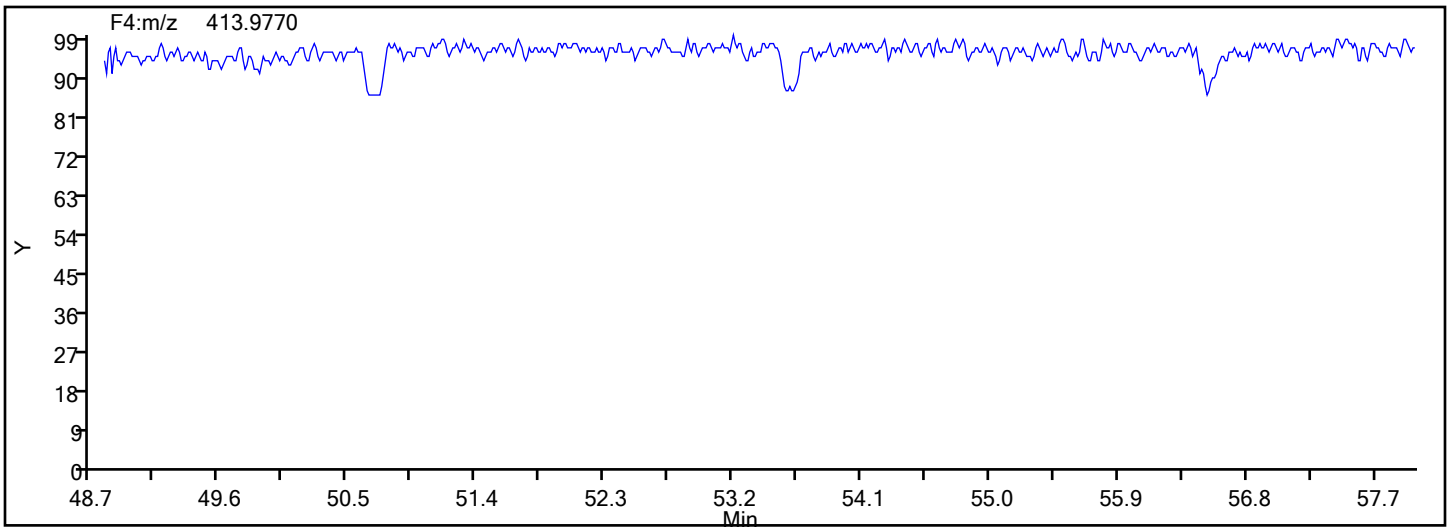
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Eurofins Knoxville

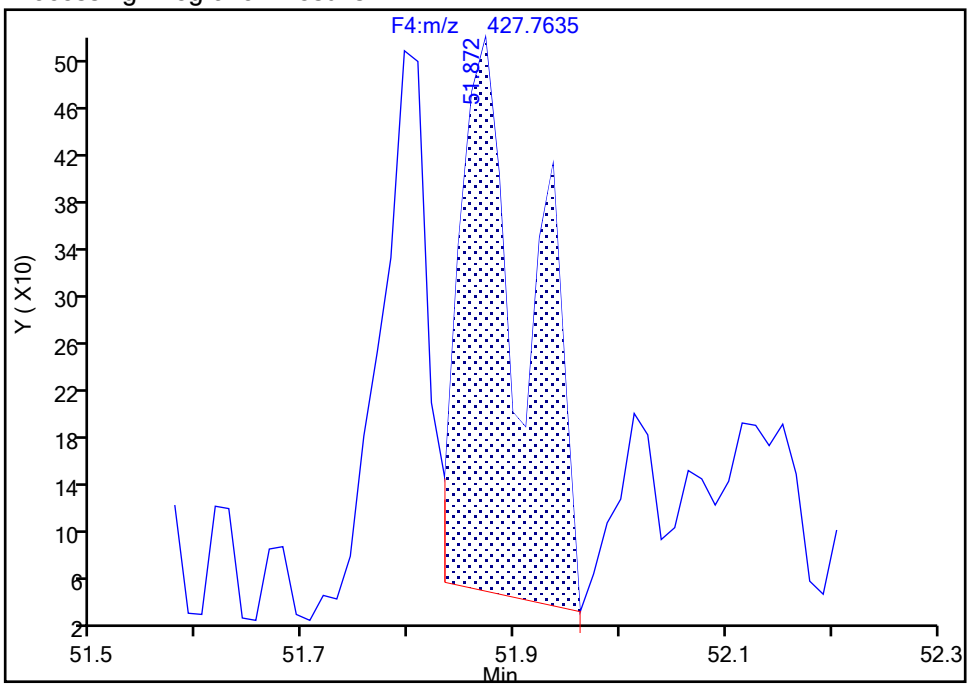
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-194, CAS: 35694-08-7

Signal: 1

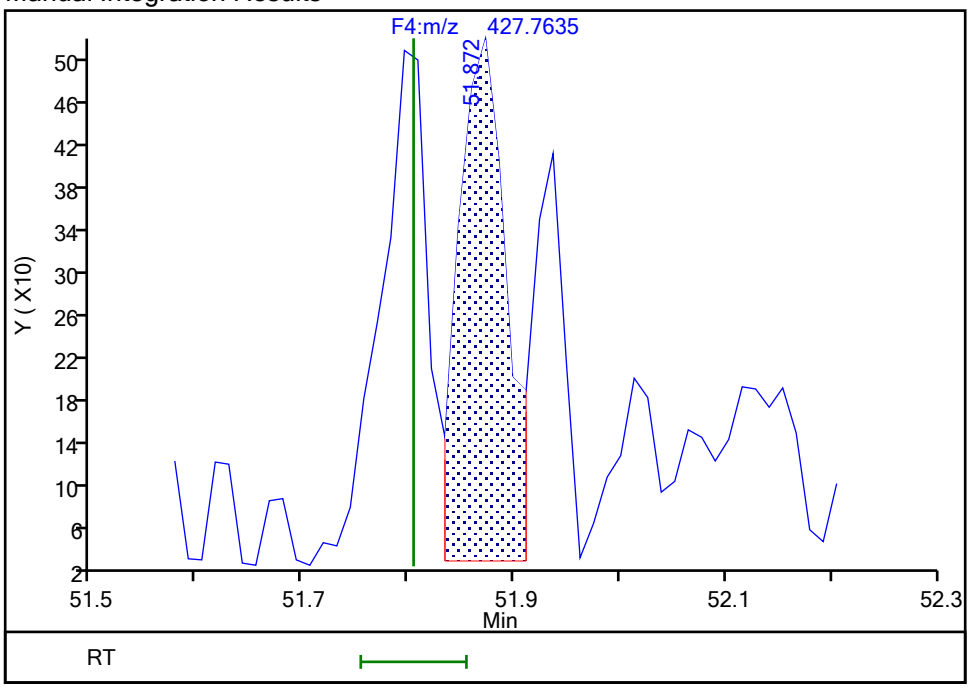
Processing Integration Results

RT: 51.87
Area: 2091
Amount: 0.100785
Amount Units: pg/ul



Manual Integration Results

RT: 51.87
Area: 1479
Amount: 0.087717
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:19:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

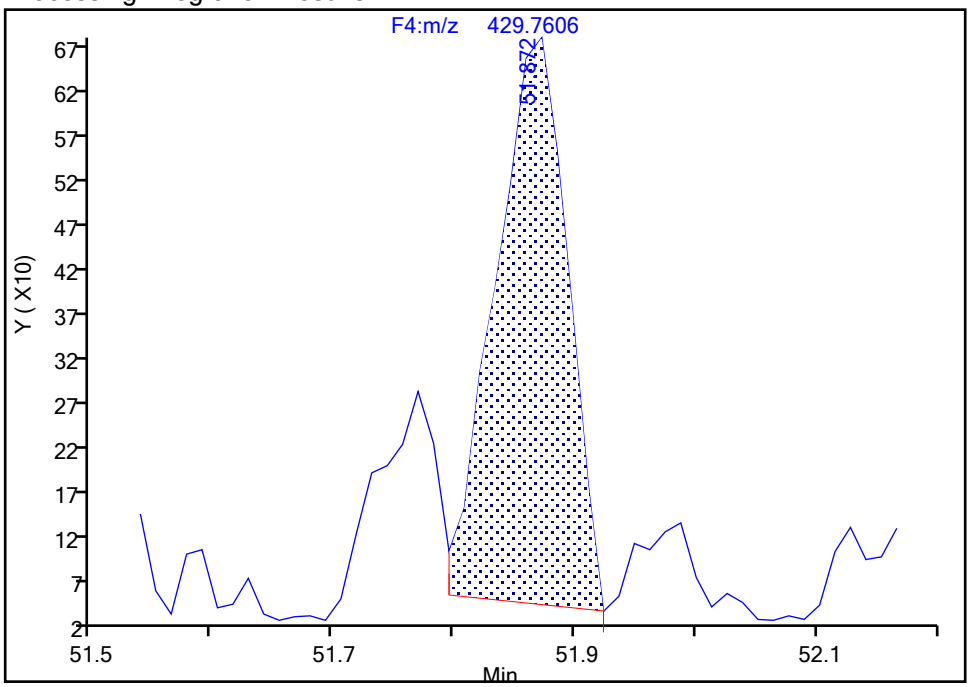
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-194, CAS: 35694-08-7

Signal: 2

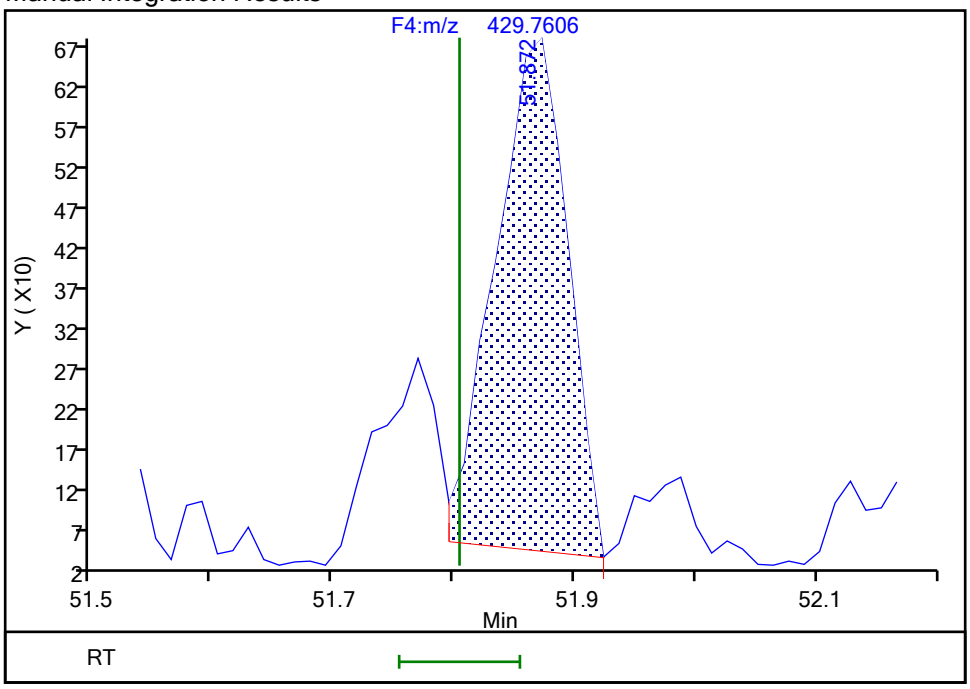
Processing Integration Results

RT: 51.87
Area: 2629
Amount: 0.100785
Amount Units: pg/ul



Manual Integration Results

RT: 51.87
Area: 2629
Amount: 0.087717
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:19:55 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

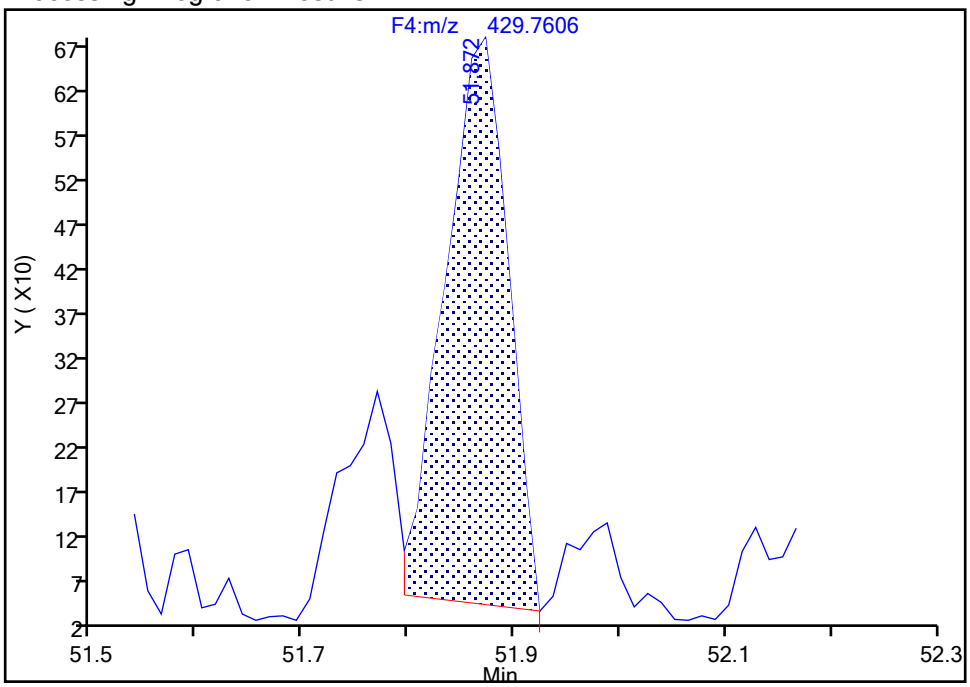
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d
Injection Date: 04-Jan-2024 16:03:00 Instrument ID: D2D
Lims ID: 140-34509-A-4-B Lab Sample ID: 140-34509-4
Client ID: PW-02-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 8
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F4(49.20 :57.50)

PCB-194, CAS: 35694-08-7

Signal: 3

Processing Integration Results

RT: 51.87
Area: 4720
Amount: 0.100785
Amount Units: pg/ul



Manual Integration Results

RT: 51.87
Area: 4108
Amount: 0.087717
Amount Units: pg/ul

Reviewer: V4XA, 04-Jan-2024 23:19:55 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

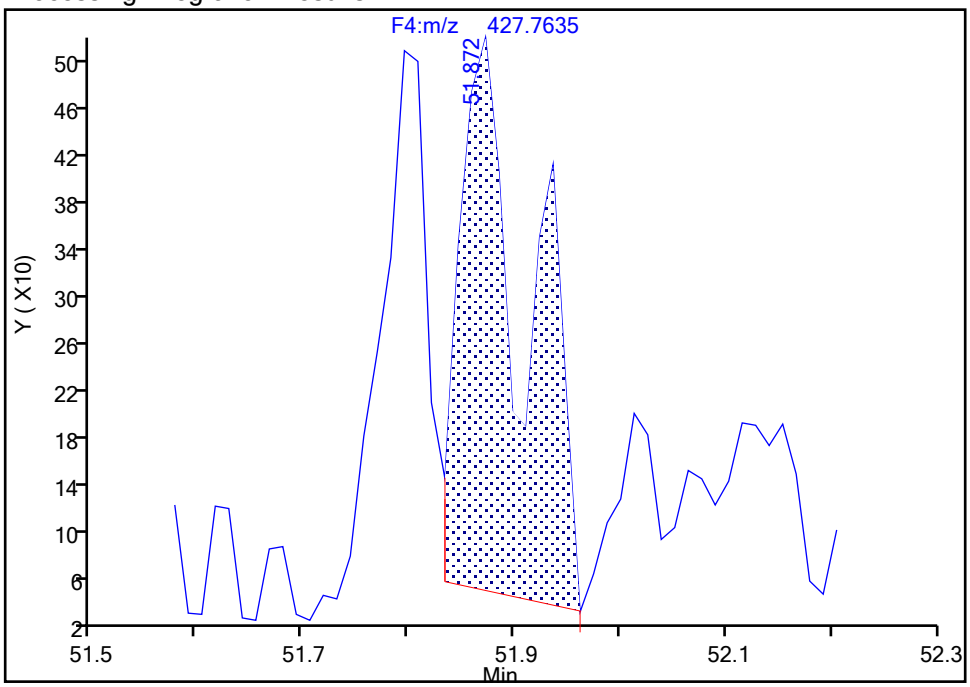
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-194, CAS: 35694-08-7

Signal: 1

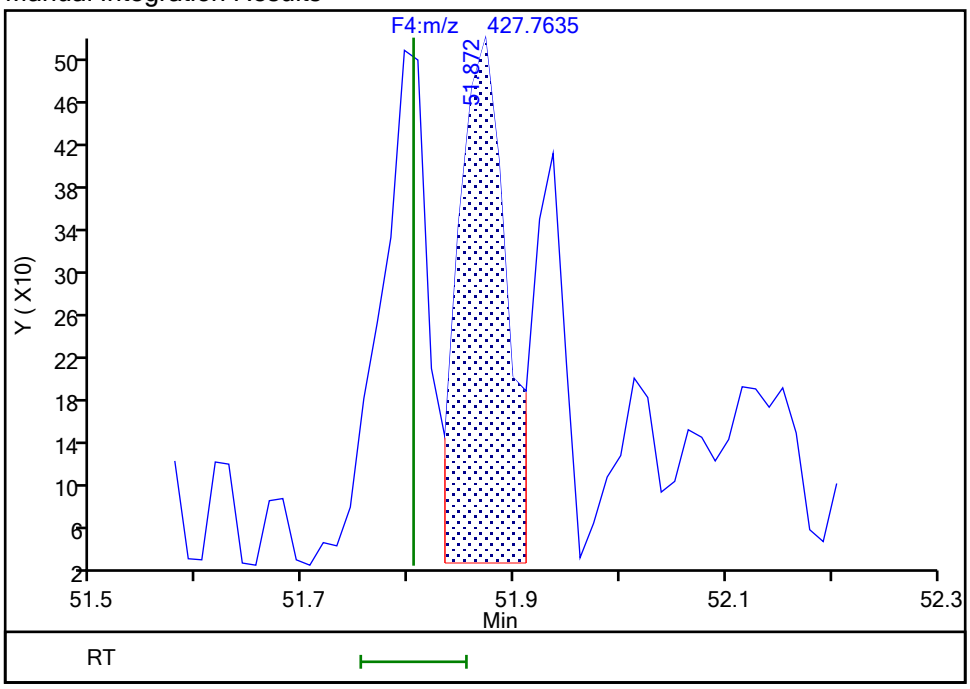
Processing Integration Results

RT: 51.87
Area: 2091
Amount: 0.100785
Amount Units: pg/ul



Manual Integration Results

RT: 51.87
Area: 1479
Amount: 0.087717
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:19:57 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Eurofins Knoxville

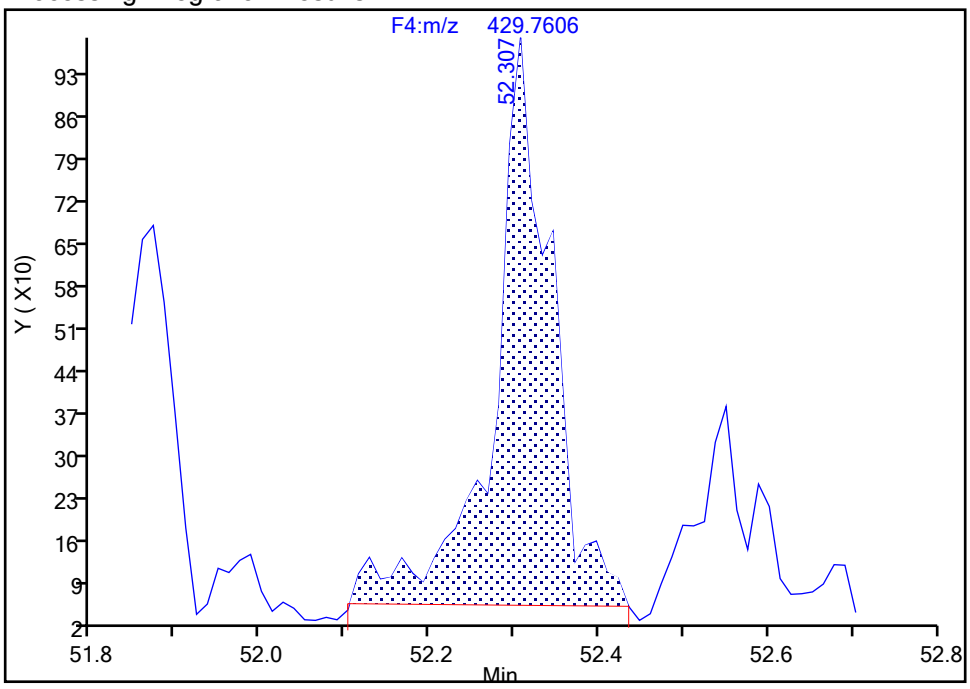
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 2

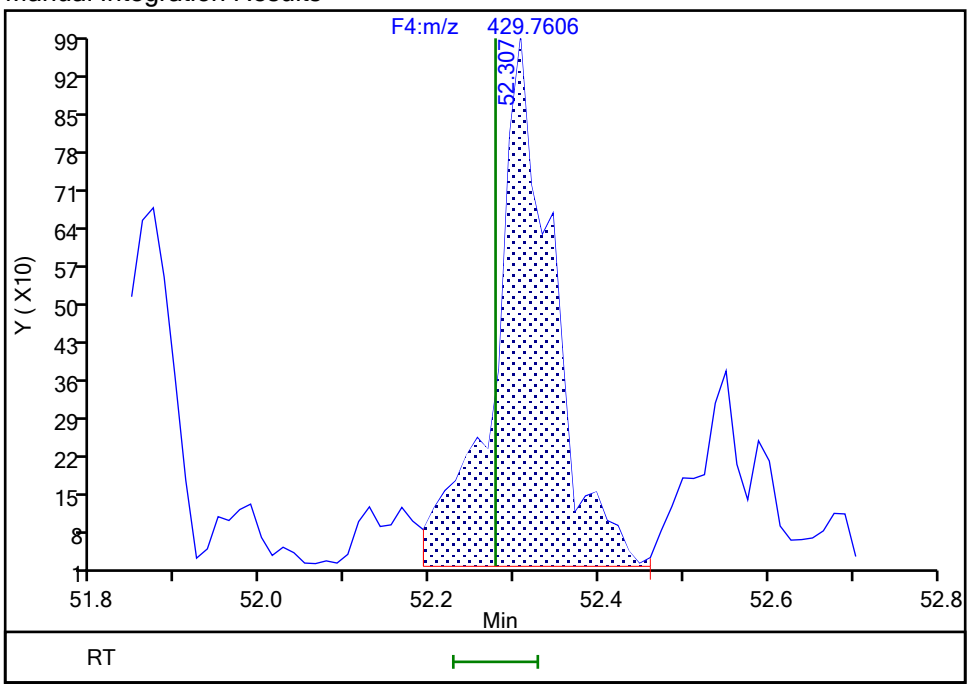
Processing Integration Results

RT: 52.31
Area: 4476
Amount: 0.149924
Amount Units: pg/ul



Manual Integration Results

RT: 52.31
Area: 4631
Amount: 0.152643
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:20:10 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

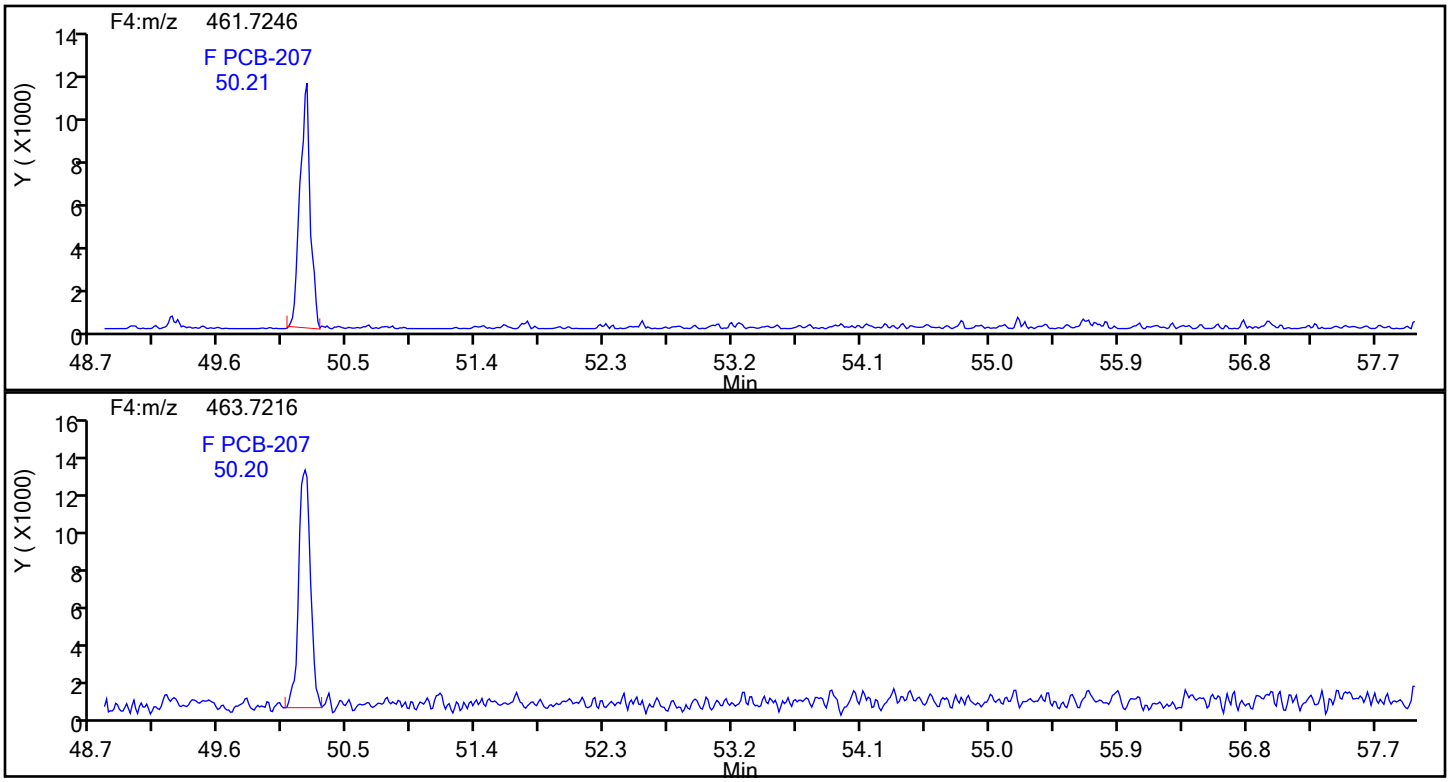
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

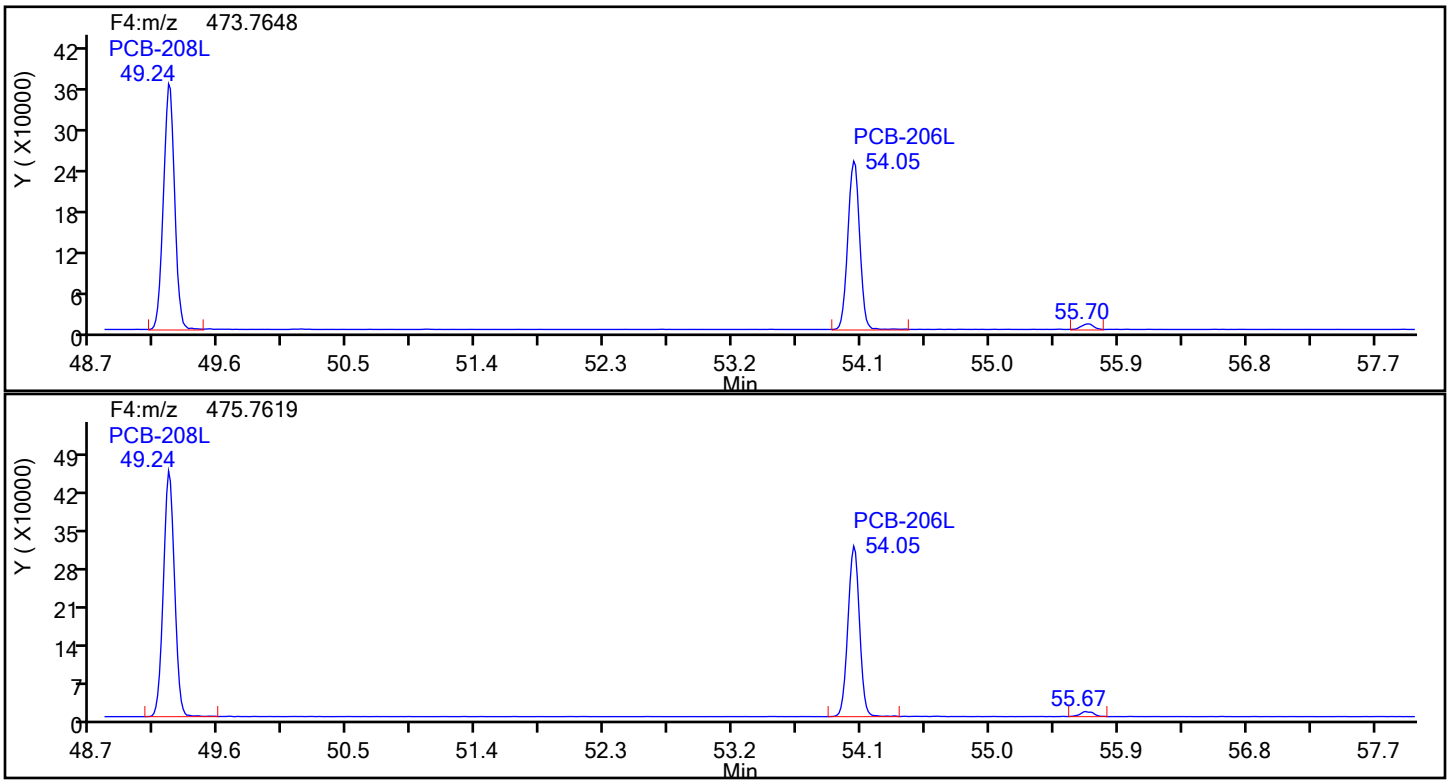
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

NoPCB F4



NoPCB F4 Standards

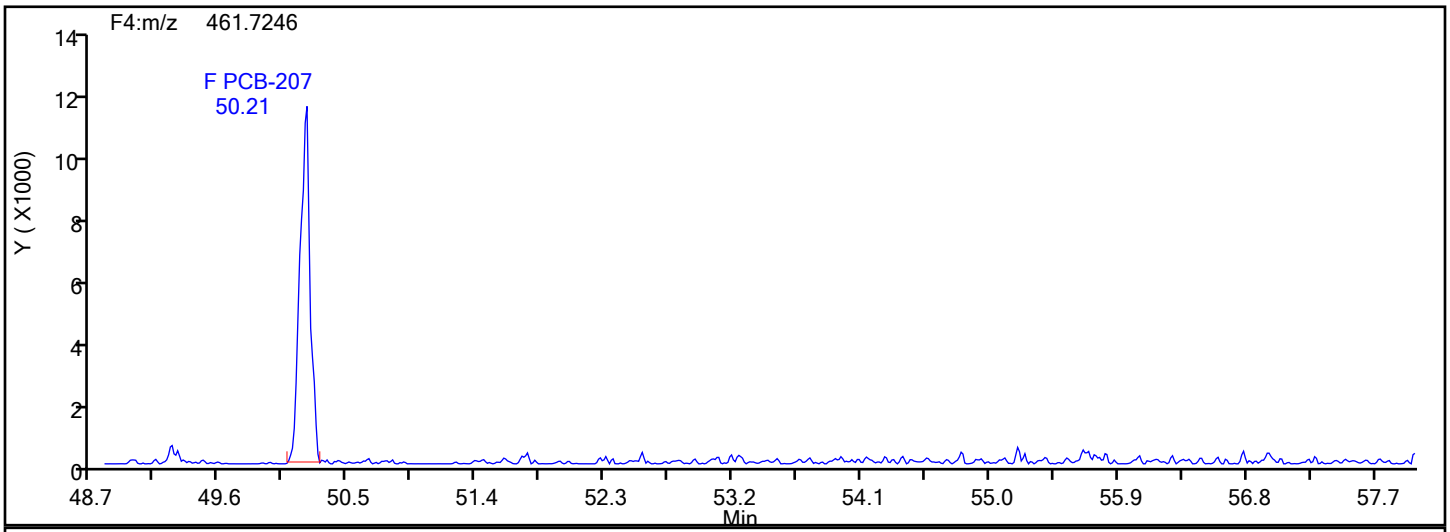


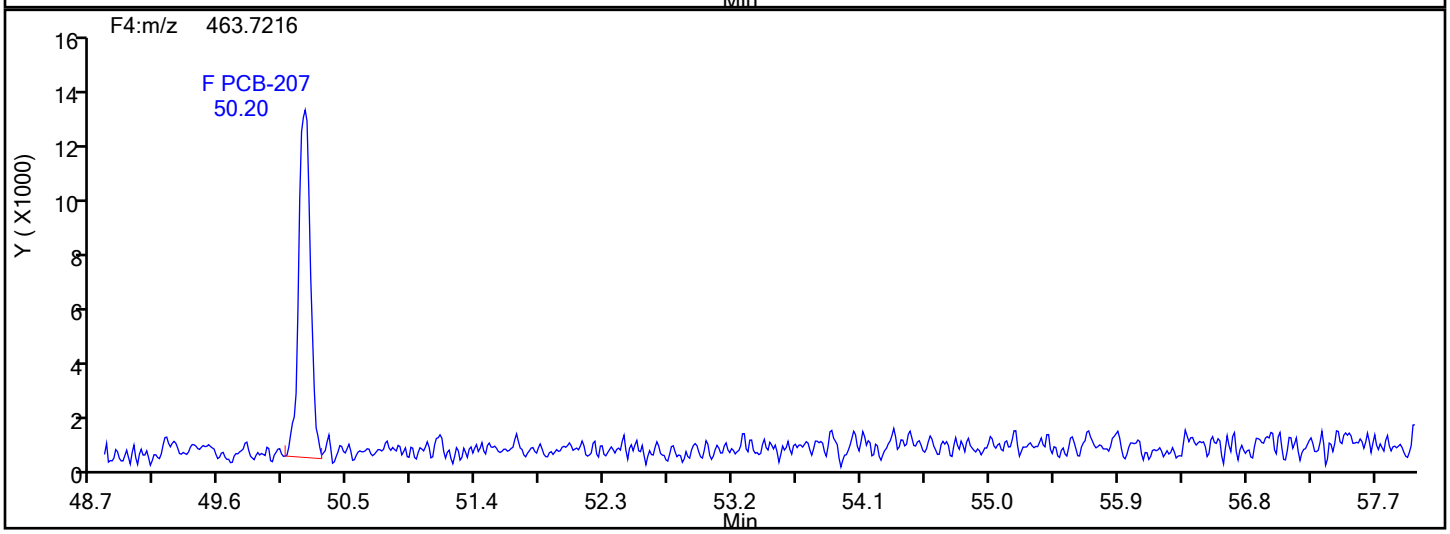
Report Date: 04-Jan-2024 23:21:14 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

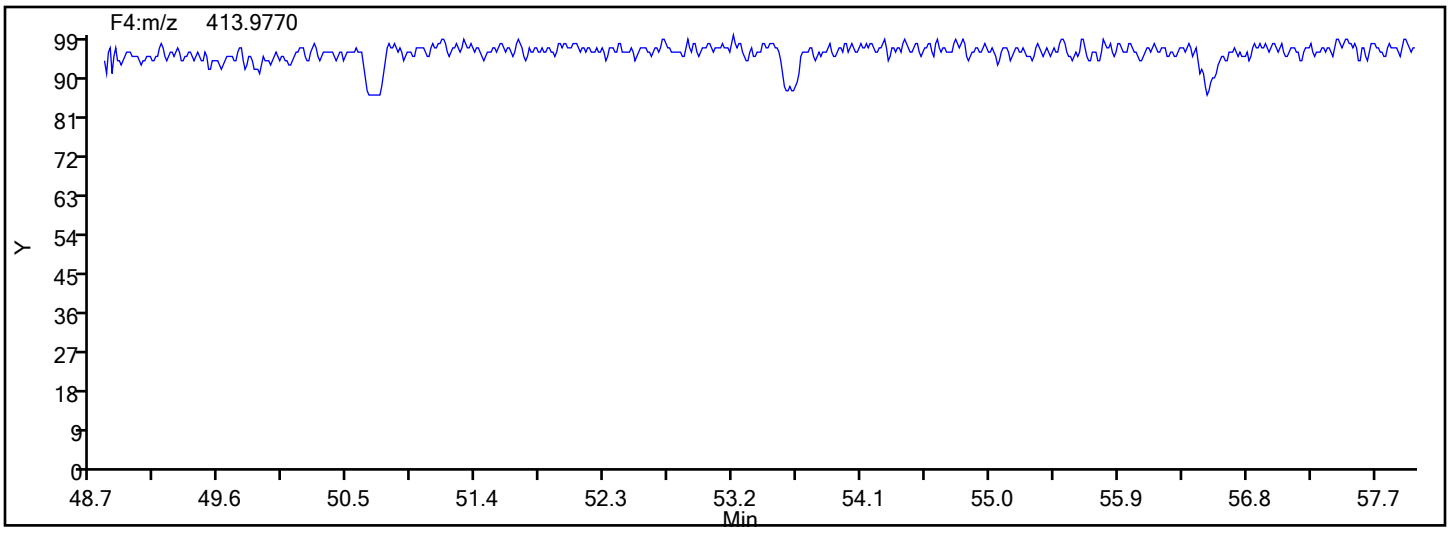
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



Eurofins Knoxville

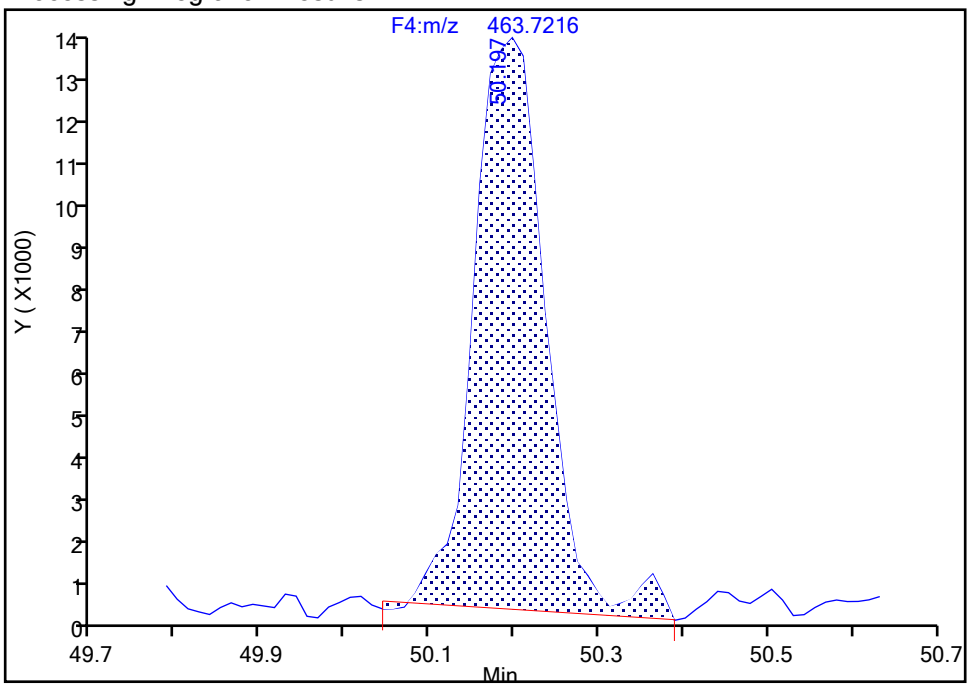
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d				
Injection Date:	04-Jan-2024 16:03:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-4-B	Lab Sample ID:	140-34509-4		
Client ID:	PW-02-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	8
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-207, CAS: 52663-79-3

Signal: 2

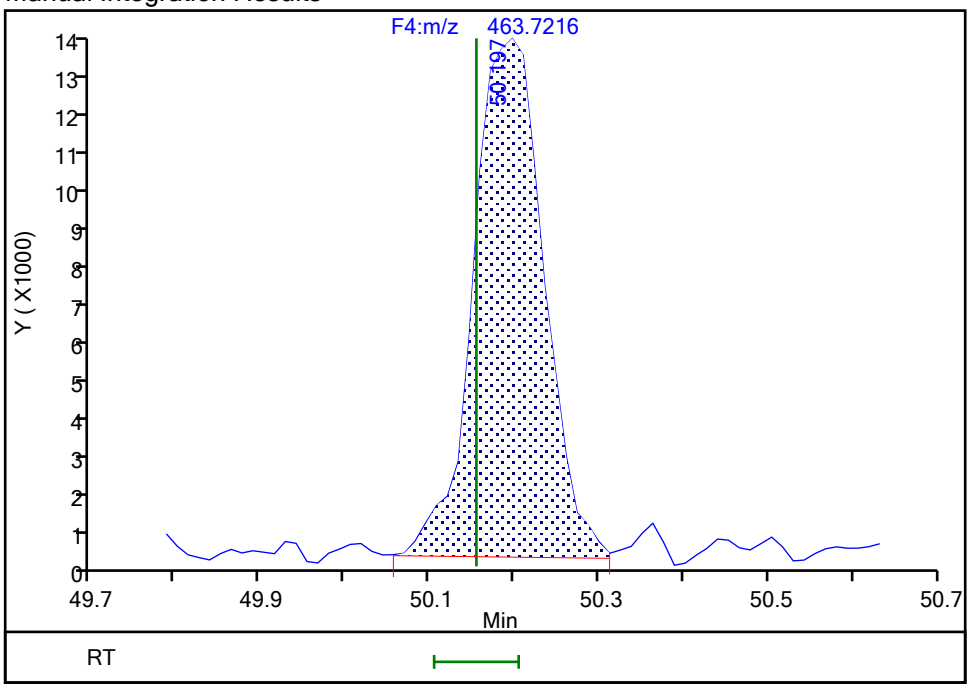
Processing Integration Results

RT: 50.20
Area: 75278
Amount: 2.826696
Amount Units: pg/ul



Manual Integration Results

RT: 50.20
Area: 73427
Amount: 2.787215
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:20:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

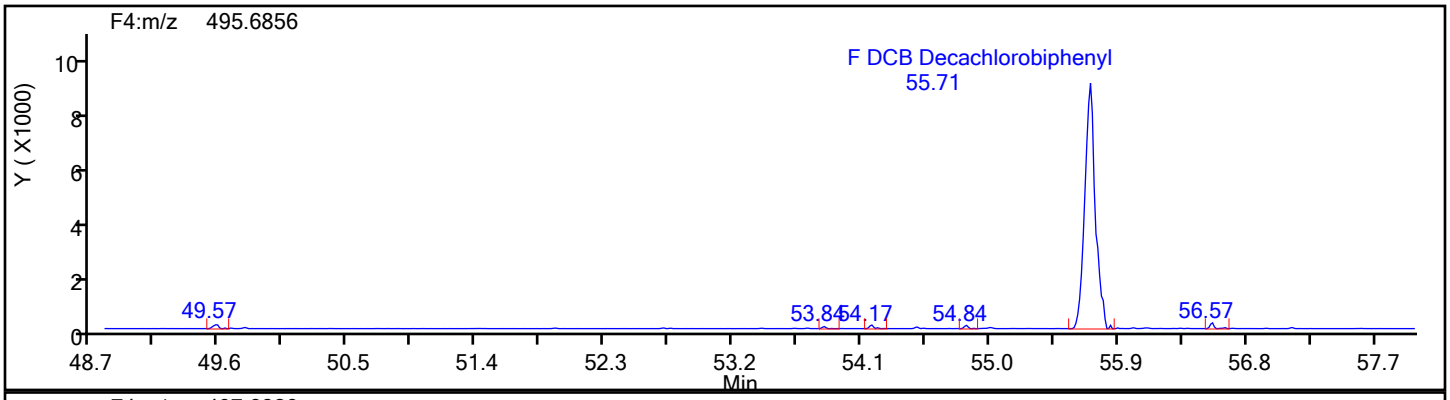
Report Date: 04-Jan-2024 23:21:15 Chrom Revision: 2.3 15-Nov-2023 20:54:34

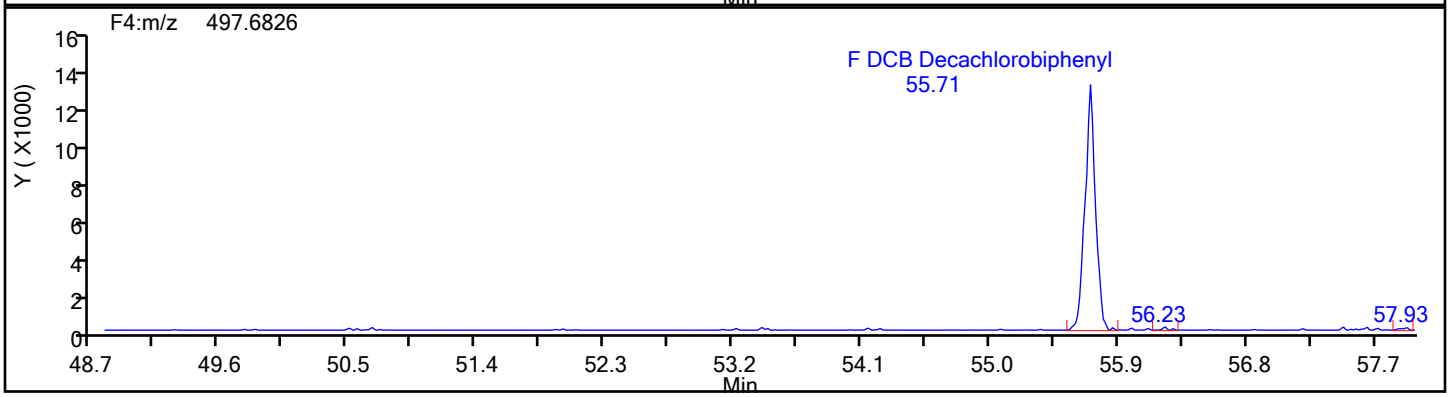
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d

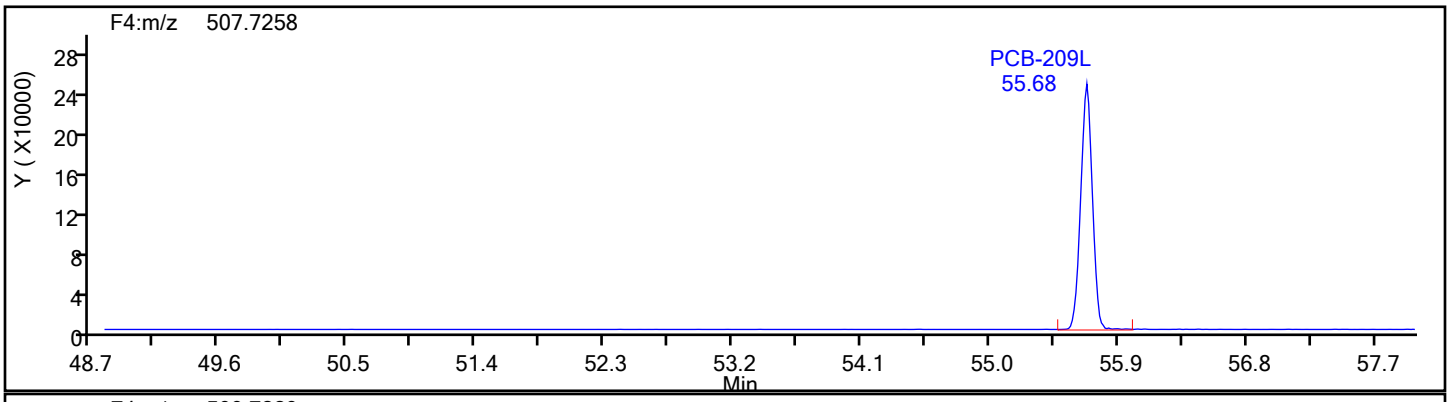
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

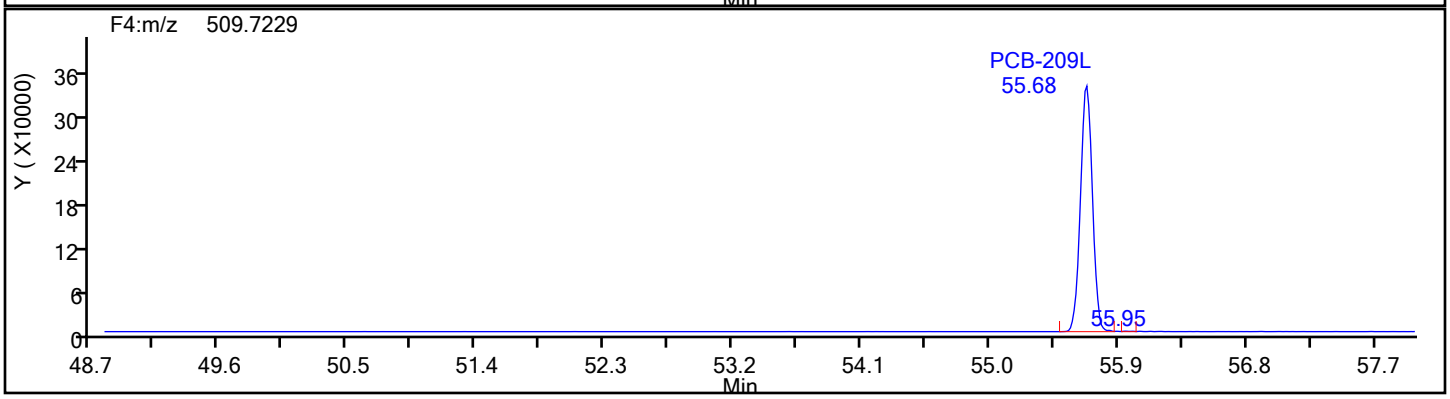
DePCB F4





DePCB F4 Standards



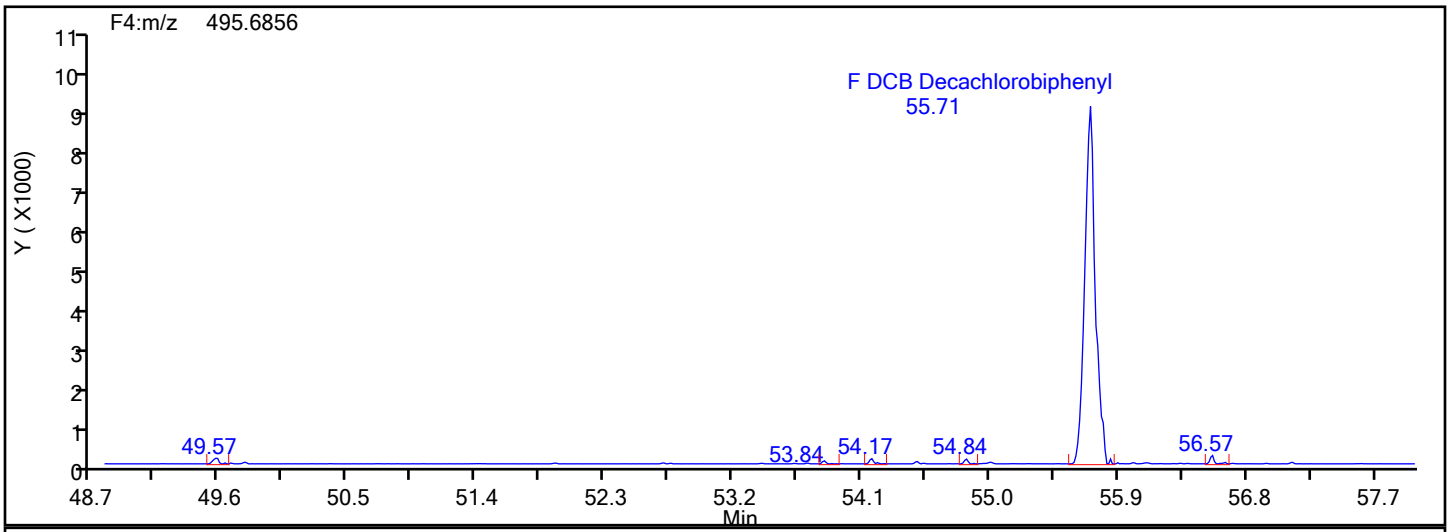


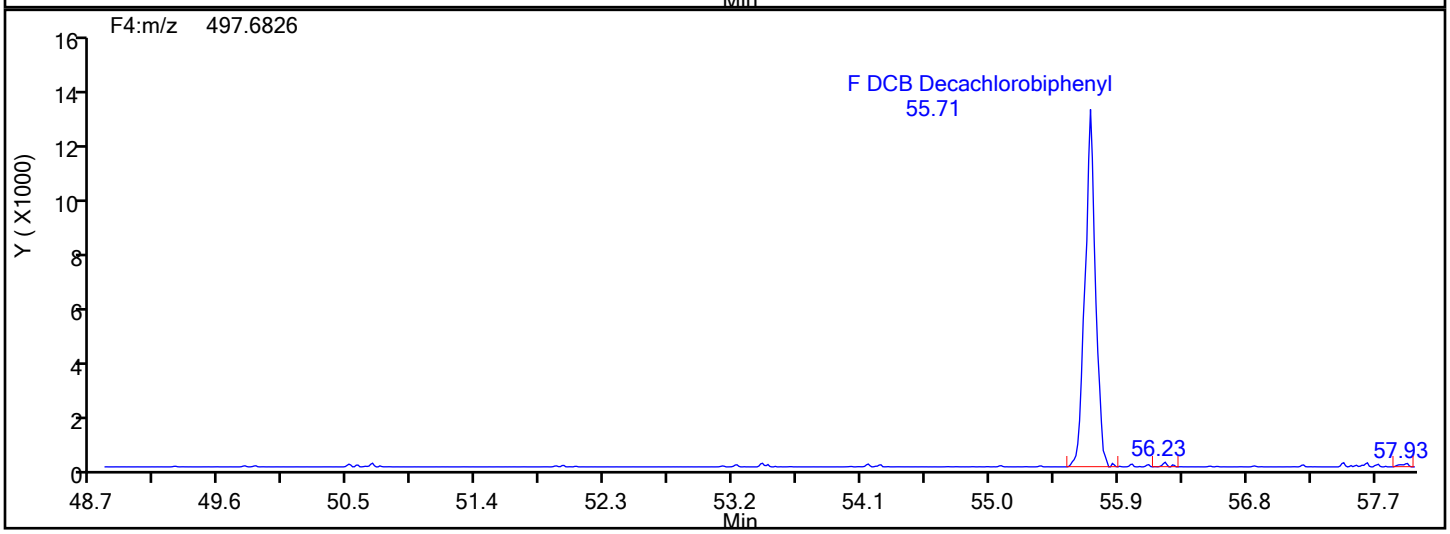
Report Date: 04-Jan-2024 23:21:15 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

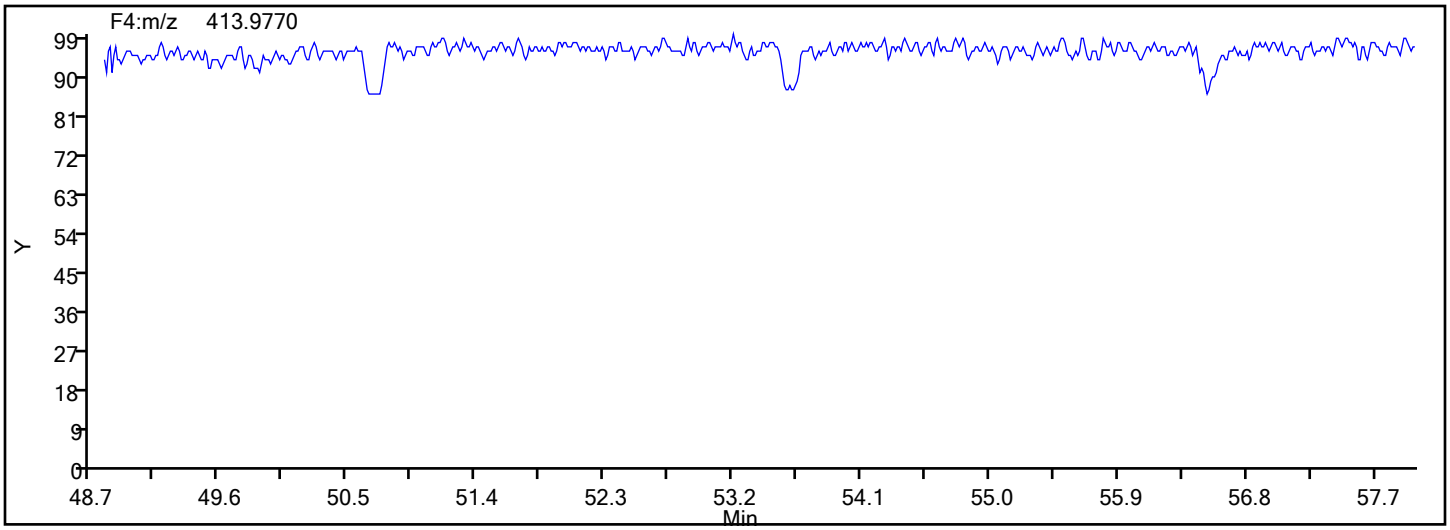
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-4-b.d		
Injection Date:	04-Jan-2024 16:03:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-02-DUP		
Worklist#:	82009	Sample Line#:	8
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03 | Lab Sample ID: 140-34509-5

Matrix: PE | Lab File ID: 140-34509-a-5-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.053(g) | Date Analyzed: 01/04/2024 17:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	0.19	J	1.9	0.032
2051-61-8	PCB-2	0.58	J q	1.9	0.036
2051-62-9	PCB-3	0.11	J q	1.9	0.044
13029-08-8	PCB-4	8.6		3.8	0.12
16605-91-7	PCB-5	ND		1.9	0.12
25569-80-6	PCB-6	0.75	J	1.9	0.099
33284-50-3	PCB-7	ND		1.9	0.12
34883-43-7	PCB-8	2.8	J	3.8	0.097
34883-39-1	PCB-9	ND		1.9	0.11
33146-45-1	PCB-10	1.8	J	1.9	0.13
2050-67-1	PCB-11	1.7	J B	3.8	0.10
2974-92-7	PCB-12	1.9	J C	3.8	0.11
2974-90-5	PCB-13	1.9	J C12	3.8	0.11
34883-41-5	PCB-14	750		1.9	0.12
2050-68-2	PCB-15	4.6		1.9	0.12
38444-78-9	PCB-16	1.1	J	1.9	0.14
37680-66-3	PCB-17	17		1.9	0.14
37680-65-2	PCB-18	3.8	C	3.8	0.092
38444-73-4	PCB-19	12		1.9	0.13
38444-84-7	PCB-20	23	C	3.8	0.46
55702-46-0	PCB-21	2.8	J C B	3.8	0.46
38444-85-8	PCB-22	3.0		1.9	0.43
55720-44-0	PCB-23	ND		1.9	0.50
55702-45-9	PCB-24	0.11	J q	1.9	0.094
55712-37-3	PCB-25	4.3		1.9	0.40
38444-81-4	PCB-26	5.5	C	3.8	0.51
38444-76-7	PCB-27	6.8		1.9	0.097
7012-37-5	PCB-28	23	C20	3.8	0.46
15862-07-4	PCB-29	5.5	C26	3.8	0.51
35693-92-6	PCB-30	3.8	C18	3.8	0.092
16606-02-3	PCB-31	11	B	3.8	0.42
38444-77-8	PCB-32	5.5	B	1.9	0.084

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03 | Lab Sample ID: 140-34509-5

Matrix: PE | Lab File ID: 140-34509-a-5-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.053(g) | Date Analyzed: 01/04/2024 17:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	2.8	J C21 B	3.8	0.46
37680-68-5	PCB-34	ND		1.9	0.51
37680-69-6	PCB-35	ND		1.9	0.46
38444-87-0	PCB-36	240		1.9	0.40
38444-90-5	PCB-37	2.6		1.9	0.45
53555-66-1	PCB-38	0.72	J	1.9	0.44
38444-88-1	PCB-39	ND		1.9	0.44
38444-93-8	PCB-40	11	C	5.7	0.069
52663-59-9	PCB-41	11	C40	5.7	0.069
36559-22-5	PCB-42	6.5		1.9	0.077
70362-46-8	PCB-43	3.5	J C	3.8	0.059
41464-39-5	PCB-44	87	C	5.7	0.063
70362-45-7	PCB-45	8.6	C	3.8	0.075
41464-47-5	PCB-46	1.1	J	1.9	0.089
2437-79-8	PCB-47	87	C44	5.7	0.063
70362-47-9	PCB-48	3.4		1.9	0.070
41464-40-8	PCB-49	31	C	3.8	0.059
62796-65-0	PCB-50	7.1	C	3.8	0.069
68194-04-7	PCB-51	8.6	C45	3.8	0.075
35693-99-3	PCB-52	41	B	1.9	0.062
41464-41-9	PCB-53	7.1	C50	3.8	0.069
15968-05-5	PCB-54	1.1	J q	1.9	0.043
74338-24-2	PCB-55	0.44	J	1.9	0.042
41464-43-1	PCB-56	3.6		1.9	0.043
70424-67-8	PCB-57	ND		1.9	0.048
41464-49-7	PCB-58	ND		1.9	0.041
74472-33-6	PCB-59	2.8	J C	5.7	0.053
33025-41-1	PCB-60	2.0		1.9	0.050
33284-53-6	PCB-61	33	C B	7.5	0.046
54230-22-7	PCB-62	2.8	J C59	5.7	0.053
74472-34-7	PCB-63	1.3	J q	1.9	0.050
52663-58-8	PCB-64	8.0		1.9	0.051

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03 | Lab Sample ID: 140-34509-5

Matrix: PE | Lab File ID: 140-34509-a-5-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.053(g) | Date Analyzed: 01/04/2024 17:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	87	C44	5.7	0.063
32598-10-0	PCB-66	18	B	1.9	0.043
73575-53-8	PCB-67	0.87	J q	1.9	0.040
73575-52-7	PCB-68	5.6		1.9	0.047
60233-24-1	PCB-69	31	C49	3.8	0.059
32598-11-1	PCB-70	33	C61 B	7.5	0.046
41464-46-4	PCB-71	11	C40	5.7	0.069
41464-42-0	PCB-72	1.2	J	1.9	0.045
74338-23-1	PCB-73	3.5	J C43	3.8	0.059
32690-93-0	PCB-74	33	C61 B	7.5	0.046
32598-12-2	PCB-75	2.8	J C59	5.7	0.053
70362-48-0	PCB-76	33	C61 B	7.5	0.046
32598-13-3	PCB-77	2.2		1.9	0.050
70362-49-1	PCB-78	610		1.9	0.044
41464-48-6	PCB-79	0.34	J q	1.9	0.037
33284-52-5	PCB-80	ND		1.9	0.041
70362-50-4	PCB-81	1.0	J	1.9	0.052
52663-62-4	PCB-82	4.9		1.9	0.17
60145-20-2	PCB-83	42	C	3.8	0.17
52663-60-2	PCB-84	11		1.9	0.21
65510-45-4	PCB-85	11	C B	5.7	0.14
55312-69-1	PCB-86	37	C	11	0.14
38380-02-8	PCB-87	37	C86	11	0.14
55215-17-3	PCB-88	10	C	3.8	0.18
73575-57-2	PCB-89	ND		1.9	0.17
68194-07-0	PCB-90	71	C B	5.7	0.15
68194-05-8	PCB-91	10	C88	3.8	0.18
52663-61-3	PCB-92	18		1.9	0.19
73575-56-1	PCB-93	4.5	C	3.8	0.19
73575-55-0	PCB-94	0.82	J	1.9	0.21
38379-99-6	PCB-95	42		1.9	0.19
73575-54-9	PCB-96	2.3		1.9	0.13

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03 | Lab Sample ID: 140-34509-5

Matrix: PE | Lab File ID: 140-34509-a-5-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.053(g) | Date Analyzed: 01/04/2024 17:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41464-51-1	PCB-97	37	C86	11	0.14
60233-25-2	PCB-98	1.8	J C	3.8	0.16
38380-01-7	PCB-99	42	C83	3.8	0.17
39485-83-1	PCB-100	4.5	C93	3.8	0.19
37680-73-2	PCB-101	71	C90 B	5.7	0.15
68194-06-9	PCB-102	1.8	J C98	3.8	0.16
60145-21-3	PCB-103	1.1	J	1.9	0.18
56558-16-8	PCB-104	1200		1.9	0.15
32598-14-4	PCB-105	17		1.9	0.29
70424-69-0	PCB-106	14		1.9	0.27
70424-68-9	PCB-107	3.8		1.9	0.26
70362-41-3	PCB-108	2.1	J C	3.8	0.29
74472-35-8	PCB-109	37	C86	11	0.14
38380-03-9	PCB-110	58	C B	3.8	0.11
39635-32-0	PCB-111	ND		1.9	0.12
74472-36-9	PCB-112	ND		1.9	0.10
68194-10-5	PCB-113	71	C90 B	5.7	0.15
74472-37-0	PCB-114	1.1	J q	1.9	0.28
74472-38-1	PCB-115	58	C110 B	3.8	0.11
18259-05-7	PCB-116	11	C85 B	5.7	0.14
68194-11-6	PCB-117	11	C85 B	5.7	0.14
31508-00-6	PCB-118	56		1.9	0.31
56558-17-9	PCB-119	37	C86	11	0.14
68194-12-7	PCB-120	ND		1.9	0.097
56558-18-0	PCB-121	430		1.9	0.11
76842-07-4	PCB-122	0.75	J q	1.9	0.34
65510-44-3	PCB-123	0.89	J	1.9	0.31
70424-70-3	PCB-124	2.1	J C108	3.8	0.29
74472-39-2	PCB-125	37	C86	11	0.14
57465-28-8	PCB-126	ND		1.9	0.26
39635-33-1	PCB-127	ND		1.9	0.27

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03 | Lab Sample ID: 140-34509-5

Matrix: PE | Lab File ID: 140-34509-a-5-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.053(g) | Date Analyzed: 01/04/2024 17:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38380-07-3	PCB-128	9.0	C	3.8	0.17
55215-18-4	PCB-129	51	C	7.5	0.18
52663-66-8	PCB-130	4.1		1.9	0.26
61798-70-7	PCB-131	ND		1.9	0.24
38380-05-1	PCB-132	16		1.9	0.23
35694-04-3	PCB-133	0.96	J q	1.9	0.21
52704-70-8	PCB-134	3.3	J C	3.8	0.24
52744-13-5	PCB-135	12	C	3.8	0.066
38411-22-2	PCB-136	5.0		1.9	0.051
35694-06-5	PCB-137	3.4		1.9	0.22
35065-28-2	PCB-138	51	C129	7.5	0.18
56030-56-9	PCB-139	1.1	J C	3.8	0.19
59291-64-4	PCB-140	1.1	J C139	3.8	0.19
52712-04-6	PCB-141	6.9		1.9	0.22
41411-61-4	PCB-142	360		1.9	0.24
68194-15-0	PCB-143	3.3	J C134	3.8	0.24
68194-14-9	PCB-144	1.7	J	1.9	0.067
74472-40-5	PCB-145	ND		1.9	0.046
51908-16-8	PCB-146	5.7		1.9	0.18
68194-13-8	PCB-147	30	C	3.8	0.19
74472-41-6	PCB-148	ND		1.9	0.066
38380-04-0	PCB-149	30	C147	3.8	0.19
68194-08-1	PCB-150	ND		1.9	0.049
52663-63-5	PCB-151	12	C135	3.8	0.066
68194-09-2	PCB-152	1.5	J	1.9	0.044
35065-27-1	PCB-153	33	C	3.8	0.16
60145-22-4	PCB-154	1.5	J	1.9	0.060
33979-03-2	PCB-155	540		1.9	0.053
38380-08-4	PCB-156	6.2	C	3.8	0.18
69782-90-7	PCB-157	6.2	C156	3.8	0.18
74472-42-7	PCB-158	4.9		1.9	0.14

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03 | Lab Sample ID: 140-34509-5

Matrix: PE | Lab File ID: 140-34509-a-5-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.053(g) | Date Analyzed: 01/04/2024 17:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
39635-35-3	PCB-159	1.8	J	1.9	0.12
41411-62-5	PCB-160	51	C129	7.5	0.18
74472-43-8	PCB-161	15		1.9	0.14
39635-34-2	PCB-162	ND		1.9	0.15
74472-44-9	PCB-163	51	C129	7.5	0.18
74472-45-0	PCB-164	2.5	q	1.9	0.15
74472-46-1	PCB-165	2.7		1.9	0.17
41411-63-6	PCB-166	9.0	C128	3.8	0.17
52663-72-6	PCB-167	1.7	J	1.9	0.12
59291-65-5	PCB-168	33	C153	3.8	0.16
32774-16-6	PCB-169	ND		1.9	0.12
35065-30-6	PCB-170	3.3	q	1.9	0.12
52663-71-5	PCB-171	ND	C	3.8	0.11
52663-74-8	PCB-172	ND		1.9	0.10
68194-16-1	PCB-173	ND	C171	3.8	0.11
38411-25-5	PCB-174	2.1		1.9	0.097
40186-70-7	PCB-175	ND		1.9	0.11
52663-65-7	PCB-176	ND		1.9	0.081
52663-70-4	PCB-177	1.5	J	1.9	0.10
52663-67-9	PCB-178	ND		1.9	0.11
52663-64-6	PCB-179	0.92	J	1.9	0.069
35065-29-3	PCB-180	13	C	3.8	0.083
74472-47-2	PCB-181	ND		1.9	0.092
60145-23-5	PCB-182	ND		1.9	0.088
52663-69-1	PCB-183	1.5	J q C B	3.8	0.10
74472-48-3	PCB-184	830		1.9	0.075
52712-05-7	PCB-185	1.5	J q C183 B	3.8	0.10
74472-49-4	PCB-186	ND		1.9	0.066
52663-68-0	PCB-187	2.5		1.9	0.084
74487-85-7	PCB-188	0.53	J	1.9	0.074

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03 | Lab Sample ID: 140-34509-5

Matrix: PE | Lab File ID: 140-34509-a-5-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.053(g) | Date Analyzed: 01/04/2024 17:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
39635-31-9	PCB-189	ND		1.9	0.084
41411-64-7	PCB-190	ND		1.9	0.075
74472-50-7	PCB-191	ND		1.9	0.077
74472-51-8	PCB-192	2200	B	1.9	0.069
69782-91-8	PCB-193	13	C180	3.8	0.083
35694-08-7	PCB-194	0.46	J	1.9	0.053
52663-78-2	PCB-195	0.14	J q	1.9	0.059
42740-50-1	PCB-196	ND		1.9	0.10
33091-17-7	PCB-197	13		1.9	0.078
68194-17-2	PCB-198	ND	C	3.8	0.093
52663-75-9	PCB-199	ND	C198	3.8	0.093
52663-73-7	PCB-200	2.2	q	1.9	0.085
40186-71-8	PCB-201	ND		1.9	0.085
2136-99-4	PCB-202	ND		1.9	0.081
52663-76-0	PCB-203	ND		1.9	0.084
74472-52-9	PCB-204	1400		1.9	0.074
74472-53-0	PCB-205	0.25	J q	1.9	0.043
40186-72-9	PCB-206	ND		1.9	0.17
52663-79-3	PCB-207	5.4		1.9	0.14
52663-77-1	PCB-208	ND		1.9	0.14
2051-24-3	PCB-209	6.9		1.9	0.032

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03 | Lab Sample ID: 140-34509-5

Matrix: PE | Lab File ID: 140-34509-a-5-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.053(g) | Date Analyzed: 01/04/2024 17:05

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	91		30-140
208263-77-8	PCB-3L	85		30-140
234432-86-1	PCB-4L	91		30-140
208263-67-6	PCB-15L	82		30-140
234432-87-2	PCB-19L	95		30-140
208263-79-0	PCB-37L	87		30-140
234432-88-3	PCB-54L	95		30-140
105600-23-5	PCB-77L	88		30-140
208461-24-9	PCB-81L	89		30-140
234432-89-4	PCB-104L	103		30-140
208263-62-1	PCB-105L	100		30-140
208263-63-2	PCB-114L	100		30-140
104130-40-7	PCB-118L	98		30-140
208263-64-3	PCB-123L	97		30-140
208263-65-4	PCB-126L	102		30-140
234432-90-7	PCB-155L	101		30-140
208263-68-7	PCB-156L	95	C	30-140
235416-30-5	PCB-157L	95	C156	30-140
208263-69-8	PCB-167L	97		30-140
208263-70-1	PCB-169L	93		30-140
160901-80-4	PCB-170L	93		30-140
234432-91-8	PCB-188L	101		30-140
208263-73-4	PCB-189L	82		30-140
105600-26-8	PCB-202L	98		30-140
234446-64-1	PCB-205L	93		30-140
208263-75-6	PCB-206L	100		30-140
234432-92-9	PCB-208L	98		30-140
105600-27-9	PCB-209L	101		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Lims ID: 140-34509-A-5-B
Client ID: PW-03
Sample Type: Client
Inject. Date: 04-Jan-2024 17:05:00 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-009
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 00:10:15 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 00:10:15

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					0.6556	0.4694	0.0198	0.0198		RQ
D PCB-1L	11:41	6053063	3.12	1.3572	91.0	91.0	0.2230	0.2230	90.96	
D PCB-3L	13:51	5889959	3.21	1.4136	85.0	85.0	0.2141	0.2141	84.97	
PCB-1	11:42	7654	3.13	1.2253	0.1032	0.1032	0.0171	0.0171		M
PCB-2	13:41	23379	3.13	1.2638	0.4553	0.3098	0.0192	0.0192		RQ
PCB-3	13:52	4105	3.13	1.2343	0.0970	0.0565	0.0233	0.0233		RQ
S Total Dichlorobiphenyls					407.9	407.9	0.0603	0.0603		
D PCB-4L	14:05	2750990	1.56	0.6168	91.0	91.0	0.0827	0.0827	90.96	
* PCB-9L	16:04	4903353	1.62	2E+05	100.0	100.0				
D PCB-15L	19:59	4485766	1.63	1.1198	81.7	81.7	0.0456	0.0456	81.70	
PCB-4	14:06	159698	1.57	1.2801	4.535	4.535	0.0650	0.0650		
PCB-10	14:16	39272	1.68	1.1542	0.9403	0.9403	0.0681	0.0681		
PCB-9	16:05						0.0576	0.0576		
PCB-7	16:15						0.0629	0.0629		
PCB-6	16:30	21434	1.62	1.4961	0.3959	0.3959	0.0525	0.0525		M
PCB-5	16:48						0.0644	0.0644		
PCB-8	16:55	81499	1.77	1.5207	1.481	1.481	0.0517	0.0517		
PCB-14	18:33	18443843	1.58	1.2864	396.2	396.2	0.0611	0.0611		
PCB-11	19:23	48148	1.53	1.4418	0.9229	0.9229	0.0545	0.0545		M
PCB-12	19:41	46285	1.39	1.2960	0.9870	0.9870	0.0606	0.0606		M
PCB-13 (C12)	19:41	46285	1.39	1.2960	0.9870	0.9870	0.0606	0.0606		M
PCB-15	20:01	124650	1.62	1.1378	2.442	2.442	0.0654	0.0654		M
S Total Trichlorobiphenyls					181.2	181.2	0.1759	0.1759		RQ
D PCB-19L	17:11	1863528	1.05	0.6075	94.5	94.5	0.6790	0.6790	94.55	
* PCB-32L	20:27	3244345	1.06	1.4E+05	100.0	100.0				
* PCB-31L	22:44	7844040	1.03	3.1E+05	100.0	100.0				
$ PCB-28L	23:01						0.1044	0.1044		
D PCB-37L	27:01	6134356	1.05	0.8960	87.3	87.3	0.1152	0.1152	87.29	
PCB-19	17:13	158711	1.03	1.2904	6.600	6.600	0.0682	0.0682		
PCB-18	19:05	67929	0.89	1.8076	2.017	2.017	0.0487	0.0487		
PCB-30 (C18)	19:05	67929	0.89	1.8076	2.017	2.017	0.0487	0.0487		
PCB-17	19:29	206527	1.03	1.2151	9.121	9.121	0.0724	0.0724		
PCB-27	19:43	115392	0.97	1.7146	3.611	3.611	0.0513	0.0513		M
PCB-24	19:51	1926	1.04	1.7741	0.0641	0.0583	0.0496	0.0496		RQM

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:58	13092	0.90	1.2003	0.5853	0.5853	0.0733	0.0733		M
PCB-32	20:28	107751	0.98	1.9703	2.935	2.935	0.0447	0.0447		M
PCB-34	21:44						0.2705	0.2705		
PCB-23	21:53						0.2643	0.2643		
PCB-26	22:11	179676	1.10	1.0037	2.918	2.918	0.2719	0.2719		Ma
PCB-29 (C26)	22:11	179676	1.10	1.0037	2.918	2.918	0.2719	0.2719		Ma
PCB-25	22:26	181582	1.02	1.2995	2.278	2.278	0.2100	0.2100		M
PCB-31	22:44	443540	0.97	1.2369	5.846	5.846	0.2207	0.2207		
PCB-20	23:02	822479	0.98	1.1096	12.1	12.1	0.2460	0.2460		
PCB-28 (C20)	23:02	822479	0.98	1.1096	12.1	12.1	0.2460	0.2460		
PCB-21	23:17	100630	0.92	1.1245	1.459	1.459	0.2427	0.2427		
PCB-33 (C21)	23:17	100630	0.92	1.1245	1.459	1.459	0.2427	0.2427		
PCB-22	23:40	116535	1.08	1.2027	1.580	1.580	0.2270	0.2270		
PCB-36	25:14	10197504	0.99	1.2953	128.3	128.3	0.2107	0.2107		M
PCB-39	25:36						0.2349	0.2349		RQMU
PCB-38	26:11	27705	1.01	1.1759	0.3841	0.3841	0.2321	0.2321		Ma
PCB-35	26:39						0.2413	0.2413		
PCB-37	27:03	97530	0.91	1.1448	1.389	1.389	0.2384	0.2384		
S Total Tetrachlorobiphenyls					474.9	474.6	0.0285	0.0285		RQ
D PCB-54L	20:17	2081315	0.80	0.6773	94.7	94.7	0.0433	0.0433	94.72	
* PCB-52L	24:51	4476457	0.81	1.6E+05	100.0	100.0				
D PCB-81L	33:47	5397661	0.81	1.3497	89.3	89.3	0.1918	0.1918	89.34	
D PCB-77L	34:21	5609958	0.81	1.4256	87.9	87.9	0.1816	0.1816	87.91	
PCB-54	20:18	15002	0.77	1.2064	0.6534	0.5975	0.0229	0.0229		RQ
PCB-50	22:28	157920	0.71	0.7674	3.739	3.739	0.0365	0.0365		
PCB-53 (C50)	22:28	157920	0.71	0.7674	3.739	3.739	0.0365	0.0365		
PCB-45	23:13	176887	0.80	0.7052	4.558	4.558	0.0397	0.0397		
PCB-51 (C45)	23:13	176887	0.80	0.7052	4.558	4.558	0.0397	0.0397		
PCB-46	23:27	18906	0.73	0.5909	0.5813	0.5813	0.0474	0.0474		M
PCB-52	24:52	1025167	0.79	0.8488	21.9	21.9	0.0330	0.0330		
PCB-43	25:01	92030	0.87	0.8936	1.871	1.871	0.0313	0.0313		M
PCB-73 (C43)	25:01	92030	0.87	0.8936	1.871	1.871	0.0313	0.0313		M
PCB-49	25:22	798196	0.78	0.8934	16.2	16.2	0.0313	0.0313		
PCB-69 (C49)	25:22	798196	0.78	0.8934	16.2	16.2	0.0313	0.0313		
PCB-48	25:38	74543	0.84	0.7506	1.804	1.804	0.0373	0.0373		
PCB-44	25:55	2137138	0.79	0.8388	46.3	46.3	0.0334	0.0334		
PCB-47 (C44)	25:55	2137138	0.79	0.8388	46.3	46.3	0.0334	0.0334		
PCB-65 (C44)	25:55	2137138	0.79	0.8388	46.3	46.3	0.0334	0.0334		
PCB-59	26:12	82089	0.80	1.0042	1.485	1.485	0.0279	0.0279		
PCB-62 (C59)	26:12	82089	0.80	1.0042	1.485	1.485	0.0279	0.0279		
PCB-75 (C59)	26:12	82089	0.80	1.0042	1.485	1.485	0.0279	0.0279		
PCB-42	26:23	129959	0.69	0.6874	3.435	3.435	0.0407	0.0407		
PCB-40	26:54	241863	0.79	0.7618	5.769	5.769	0.0368	0.0368		M
PCB-41 (C40)	26:54	241863	0.79	0.7618	5.769	5.769	0.0368	0.0368		M
PCB-71 (C40)	26:54	241863	0.79	0.7618	5.769	5.769	0.0368	0.0368		M
PCB-64	27:06	240964	0.72	1.0318	4.243	4.243	0.0271	0.0271		M
PCB-72	27:56	39201	0.76	1.1621	0.6129	0.6129	0.0241	0.0241		
PCB-68	28:13	183468	0.77	1.1249	2.963	2.963	0.0249	0.0249		
PCB-57	28:38						0.0252	0.0252		
PCB-58	28:53						0.0218	0.0218		
PCB-67	29:03	33701	0.77	1.3274	0.5255	0.4613	0.0211	0.0211		RQ
PCB-63	29:19	41627	0.77	1.0648	0.8090	0.7103	0.0263	0.0263		RQ
PCB-61	29:39	1101713	0.79	1.1549	17.3	17.3	0.0242	0.0242		
PCB-70 (C61)	29:39	1101713	0.79	1.1549	17.3	17.3	0.0242	0.0242		
PCB-74 (C61)	29:39	1101713	0.79	1.1549	17.3	17.3	0.0242	0.0242		
PCB-76 (C61)	29:39	1101713	0.79	1.1549	17.3	17.3	0.0242	0.0242		
PCB-66	29:58	635928	0.80	1.2325	9.375	9.375	0.0227	0.0227		M
PCB-55	30:07	16312	0.75	1.2655	0.2342	0.2342	0.0221	0.0221		Ma
PCB-56	30:39	126209	0.77	1.2161	1.886	1.886	0.0230	0.0230		M
PCB-60	30:51	60120	0.88	1.0554	1.035	1.035	0.0265	0.0265		M
PCB-80	31:16						0.0219	0.0219		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:48	14433	0.77	1.4452	0.2491	0.1814	0.0194	0.0194		RQM
PCB-78	33:22	21709249	0.79	1.2116	325.5	325.5	0.0231	0.0231		
PCB-81	33:47	30372	0.80	1.0148	0.5545	0.5545	0.0276	0.0276		Ma
PCB-77	34:21	67849	0.70	1.0498	1.152	1.152	0.0266	0.0266		M
S Total Pentachlorobiphenyls					1106.4	1106.3	0.1055	0.1055		RQ
D PCB-104L	25:48	3808306	1.64	1.1880	103.5	103.5	0.0529	0.0529	103	
* PCB-101L	31:42	3097716	1.61	1.2E+05	100.0	100.0				
$ PCB-111L	34:22						0.0532	0.0532		
D PCB-123L	36:21	4605799	1.56	0.9399	97.4	97.4	0.7222	0.7222	97.40	
D PCB-118L	36:40	4811886	1.59	0.9794	97.7	97.7	0.6932	0.6932	97.66	
D PCB-114L	37:11	4911802	1.60	0.9767	100.0	100.0	0.6950	0.6950	99.95	
D PCB-105L	37:51	4835854	1.57	0.9600	100.1	100.1	0.7071	0.7071	100	
* PCB-127L	39:19	5031104	1.57	2.1E+05	100.0	100.0				
D PCB-126L	40:56	4882522	1.56	0.9554	101.6	101.6	0.7105	0.7105	102	
PCB-104	25:48	25290091	1.60	1.0054	660.5	660.5	0.0773	0.0773		
PCB-96	26:12	52830	1.78	1.1511	1.205	1.205	0.0676	0.0676		M
PCB-103	28:07	17891	1.73	0.8327	0.5642	0.5642	0.0934	0.0934		M
PCB-94	28:20	11543	1.43	0.6950	0.4361	0.4361	0.1119	0.1119		M
PCB-95	28:47	676979	1.51	0.7922	22.4	22.4	0.0982	0.0982		
PCB-93	28:59	70988	1.64	0.7830	2.381	2.381	0.0993	0.0993		
PCB-100 (C93)	28:59	70988	1.64	0.7830	2.381	2.381	0.0993	0.0993		
PCB-98	29:09	33517	1.32	0.9182	0.9585	0.9585	0.0847	0.0847		M
PCB-102 (C98)	29:09	33517	1.32	0.9182	0.9585	0.9585	0.0847	0.0847		M
PCB-88	29:39	169492	1.68	0.8023	5.547	5.547	0.0969	0.0969		
PCB-91 (C88)	29:39	169492	1.68	0.8023	5.547	5.547	0.0969	0.0969		
PCB-84	29:52	145793	1.62	0.6855	5.585	5.585	0.1134	0.1134		
PCB-89	30:20						0.0917	0.0917		
PCB-121	30:46	11164441	1.59	1.2839	228.3	228.3	0.0606	0.0606		
PCB-92	31:09	289237	1.70	0.7805	9.730	9.730	0.0996	0.0996		M
PCB-90	31:43	1359443	1.55	0.9542	37.4	37.4	0.0815	0.0815		
PCB-101 (C90)	31:43	1359443	1.55	0.9542	37.4	37.4	0.0815	0.0815		
PCB-113 (C90)	31:43	1359443	1.55	0.9542	37.4	37.4	0.0815	0.0815		
PCB-83	32:18	748500	1.59	0.8851	22.2	22.2	0.0879	0.0879		
PCB-99 (C83)	32:18	748500	1.59	0.8851	22.2	22.2	0.0879	0.0879		
PCB-112	32:25						0.0550	0.0550		
PCB-86	32:54	763785	1.60	1.0283	19.5	19.5	0.0756	0.0756		M
PCB-87 (C86)	32:54	763785	1.60	1.0283	19.5	19.5	0.0756	0.0756		M
PCB-97 (C86)	32:54	763785	1.60	1.0283	19.5	19.5	0.0756	0.0756		M
PCB-109 (C86)	32:54	763785	1.60	1.0283	19.5	19.5	0.0756	0.0756		M
PCB-119 (C86)	32:54	763785	1.60	1.0283	19.5	19.5	0.0756	0.0756		M
PCB-125 (C86)	32:54	763785	1.60	1.0283	19.5	19.5	0.0756	0.0756		M
PCB-85	33:32	229881	1.64	1.0238	5.896	5.896	0.0760	0.0760		M
PCB-116 (C85)	33:32	229881	1.64	1.0238	5.896	5.896	0.0760	0.0760		M
PCB-117 (C85)	33:32	229881	1.64	1.0238	5.896	5.896	0.0760	0.0760		M
PCB-110	33:42	1585844	1.62	1.3556	30.7	30.7	0.0574	0.0574		
PCB-115 (C110)	33:42	1585844	1.62	1.3556	30.7	30.7	0.0574	0.0574		
PCB-82	34:00	84805	1.49	0.8520	2.614	2.614	0.0913	0.0913		
PCB-111	34:23						0.0637	0.0637		
PCB-120	34:51						0.0513	0.0513		
PCB-108	36:01	59743	1.40	1.0910	1.139	1.139	0.1545	0.1545		
PCB-124 (C108)	36:01	59743	1.40	1.0910	1.139	1.139	0.1545	0.1545		
PCB-107	36:15	115176	1.49	1.2004	1.995	1.995	0.1404	0.1404		M
PCB-123	36:22	22782	1.74	1.0447	0.4735	0.4735	0.1658	0.1658		Ma
PCB-106	36:29	403999	1.51	1.1708	7.175	7.175	0.1440	0.1440		Ma
PCB-118	36:41	1467760	1.55	1.0261	29.7	29.7	0.1648	0.1648		
PCB-122	37:03	17609	1.55	0.9264	0.4795	0.3952	0.1820	0.1820		RQ
PCB-114	37:13	31280	1.55	1.0927	0.6593	0.5828	0.1508	0.1508		RQ
PCB-105	37:52	455303	1.57	1.0755	8.754	8.754	0.1559	0.1559		
PCB-127	39:20						0.1424	0.1424		
PCB-126	40:56						0.1370	0.1370		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					592.6	592.3	0.0782	0.0782		RQ
D PCB-155L	31:28	3544069	1.29	1.1357	100.7	100.7	0.0355	0.0355	101	
* PCB-138L	39:47	4026615	1.27	1.5E+05	100.0	100.0				
D PCB-167L	42:48	4926540	1.28	1.2662	96.6	96.6	0.3228	0.3228	96.63	
D PCB-156L	43:56	9614727	1.29	1.2515	190.8	190.8	0.3266	0.3266	95.39	
D PCB-157L (C156L)	43:56	9614727	1.29	1.2515	190.8	190.8	0.3266	0.3266	95.39	
D PCB-169L	47:10	4915326	1.27	1.3070	93.4	93.4	0.3127	0.3127	93.40	
PCB-155	31:29	9350778	1.25	0.9289	284.0	284.0	0.0280	0.0280		M
PCB-152	31:38	32244	1.25	1.1242	0.8093	0.8093	0.0231	0.0231		Ma
PCB-150	31:50						0.0261	0.0261		
PCB-136	32:13	90834	1.32	0.9632	2.661	2.661	0.0270	0.0270		
PCB-145	32:30						0.0241	0.0241		
PCB-148	34:00						0.0352	0.0352		
PCB-135	34:36	162806	1.31	0.7414	6.196	6.196	0.0350	0.0350		M
PCB-151 (C135)	34:36	162806	1.31	0.7414	6.196	6.196	0.0350	0.0350		M
PCB-154	34:51	23870	1.35	0.8223	0.8191	0.8191	0.0316	0.0316		
PCB-144	35:11	23036	1.22	0.7371	0.8818	0.8818	0.0353	0.0353		
PCB-147	35:33	668371	1.26	0.8634	15.9	15.9	0.1001	0.1001		
PCB-149 (C147)	35:33	668371	1.26	0.8634	15.9	15.9	0.1001	0.1001		
PCB-134	35:45	58513	1.22	0.6812	1.766	1.766	0.1268	0.1268		a
PCB-143 (C134)	35:45	58513	1.22	0.6812	1.766	1.766	0.1268	0.1268		a
PCB-139	36:08	24410	1.21	0.8381	0.5987	0.5987	0.1031	0.1031		
PCB-140 (C139)	36:08	24410	1.21	0.8381	0.5987	0.5987	0.1031	0.1031		
PCB-131	36:19						0.1260	0.1260		
PCB-142	36:29	6284482	1.26	0.6760	191.1	191.1	0.1278	0.1278		
PCB-132	36:48	289989	1.26	0.7063	8.441	8.441	0.1223	0.1223		
PCB-133	37:18	19258	1.24	0.7770	0.5776	0.5095	0.1112	0.1112		RQM
PCB-165	37:44	65798	1.21	0.9584	1.411	1.411	0.0902	0.0902		
PCB-146	37:58	134112	1.25	0.9163	3.009	3.009	0.0943	0.0943		
PCB-161	38:05	431735	1.23	1.1406	7.782	7.782	0.0758	0.0758		
PCB-153	38:34	899069	1.30	1.0468	17.7	17.7	0.0825	0.0825		
PCB-168 (C153)	38:34	899069	1.30	1.0468	17.7	17.7	0.0825	0.0825		
PCB-141	38:46	135269	1.16	0.7580	3.669	3.669	0.1140	0.1140		
PCB-130	39:11	67299	1.14	0.6356	2.177	2.177	0.1359	0.1359		
PCB-137	39:23	66332	1.42	0.7533	1.810	1.810	0.1147	0.1147		
PCB-164	39:31	72504	1.24	1.1173	1.509	1.334	0.0773	0.0773		RQ
PCB-129	39:49	1167470	1.23	0.8826	27.2	27.2	0.0979	0.0979		
PCB-138 (C129)	39:49	1167470	1.23	0.8826	27.2	27.2	0.0979	0.0979		
PCB-160 (C129)	39:49	1167470	1.23	0.8826	27.2	27.2	0.0979	0.0979		
PCB-163 (C129)	39:49	1167470	1.23	0.8826	27.2	27.2	0.0979	0.0979		
PCB-158	40:12	142626	1.21	1.1331	2.588	2.588	0.0762	0.0762		
PCB-128	41:05	220563	1.22	0.9522	4.762	4.762	0.0907	0.0907		
PCB-166 (C128)	41:05	220563	1.22	0.9522	4.762	4.762	0.0907	0.0907		
PCB-159	42:04	60983	1.40	1.3072	0.9591	0.9591	0.0661	0.0661		
PCB-162	42:19						0.0790	0.0790		
PCB-167	42:50	50383	1.06	1.1098	0.9215	0.9215	0.0651	0.0651		
PCB-156	43:57	168595	1.33	1.0713	3.274	3.274	0.0971	0.0971		
PCB-157 (C156)	43:57	168595	1.33	1.0713	3.274	3.274	0.0971	0.0971		
PCB-169	47:11						0.0618	0.0618		
S Total Heptachlorobiphenyls					1647.5	1647.3	0.0471	0.0471		RQ
D PCB-188L	37:11	4093842	1.08	1.2605	101.1	101.1	0.0406	0.0406	101	
$ PCB-178L	40:14						0.0612	0.0612		
* PCB-180L	45:20	3213653	1.07	1.2E+05	100.0	100.0				
D PCB-170L	46:36	2543850	1.05	0.8524	92.9	92.9	0.0600	0.0600	92.86	
D PCB-189L	49:42	4999945	1.07	1.4740	81.5	81.5	0.7556	0.7556	81.55	
PCB-188	37:14	12042	0.97	1.0534	0.2792	0.2792	0.0393	0.0393		M
PCB-179	37:34	22757	1.15	1.4009	0.4895	0.4895	0.0368	0.0368		M
PCB-184	38:05	19049731	1.06	1.2996	441.7	441.7	0.0397	0.0397		
PCB-176	38:25						0.0430	0.0430		
PCB-186	38:52						0.0350	0.0350		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:16						0.0585	0.0585		
PCB-175	40:53						0.0570	0.0570		
PCB-187	41:10	49803	1.03	1.1524	1.302	1.302	0.0447	0.0447		M
PCB-182	41:21						0.0466	0.0466		
PCB-183	41:48	26180	1.05	0.9716	0.8876	0.8119	0.0530	0.0530		RQM
PCB-185 (C183)	41:48	26180	1.05	0.9716	0.8876	0.8119	0.0530	0.0530		RQM
PCB-174	42:01	37029	1.00	0.9981	1.118	1.118	0.0516	0.0516		M
PCB-177	42:29	24713	1.11	0.9612	0.7747	0.7747	0.0536	0.0536		M
PCB-181	42:49						0.0487	0.0487		
PCB-171	43:03						0.0575	0.0575		
PCB-173 (C171)	43:03						0.0575	0.0575		
PCB-172	44:41						0.0555	0.0555		
PCB-192	44:59	55907314	1.06	1.4131	1192.1	1192.1	0.0365	0.0365		
PCB-180	45:22	269982	1.13	1.1677	6.967	6.967	0.0441	0.0441		
PCB-193 (C180)	45:22	269982	1.13	1.1677	6.967	6.967	0.0441	0.0441		
PCB-191	45:41						0.0406	0.0406		
PCB-170	46:37	49079	1.05	1.0923	1.919	1.766	0.0624	0.0624		RQM
PCB-190	47:06						0.0396	0.0396		
PCB-189	49:45						0.0448	0.0448		RQU
S Total Octachlorobiphenyls					751.6	751.4	0.0404	0.0404		RQ
D PCB-202L	42:34	3258869	0.91	1.0390	97.6	97.6	0.0379	0.0379	97.60	
* PCB-194L	51:49	4159740	0.91	1.5E+05	100.0	100.0				
D PCB-205L	52:17	4689207	0.89	1.2166	92.7	92.7	0.6350	0.6350	92.66	
PCB-202	42:34						0.0430	0.0430		
PCB-201	43:29						0.0452	0.0452		
PCB-204	44:11	26922256	0.91	1.1119	743.0	743.0	0.0390	0.0390		
PCB-197	44:24	232285	0.98	1.0487	6.797	6.797	0.0413	0.0413		M
PCB-200	44:29	36158	0.89	0.9671	1.272	1.147	0.0448	0.0448		RQM
PCB-198	47:17						0.0491	0.0491		
PCB-199 (C198)	47:17						0.0491	0.0491		
PCB-196	47:57						0.0550	0.0550		
PCB-203	48:09						0.0447	0.0447		
PCB-195	49:28	2978	0.89	0.8289	0.0971	0.0766	0.0312	0.0312		RQ
PCB-194	51:50	10654	0.81	0.9255	0.2455	0.2455	0.0280	0.0280		M
PCB-205	52:19	7138	0.89	1.1267	0.1539	0.1351	0.0230	0.0230		RQ
S Total Nonachlorobiphenyls					2.870	2.870	0.0782	0.0782		
D PCB-208L	49:15	4182954	0.80	1.0234	98.3	98.3	0.7367	0.7367	98.26	
D PCB-206L	54:02	3027504	0.83	0.7298	99.7	99.7	1.033	1.033	99.72	
PCB-208	49:14						0.0736	0.0736		
PCB-207	50:11	127558	0.75	1.2328	2.870	2.870	0.0734	0.0734		
PCB-206	54:02						0.0875	0.0875		
D PCB-209L	55:40	3190410	0.73	0.7565	101.4	101.4	0.0514	0.0514	101	
DCB Decachlorobiphenyl	55:43	121805	0.66	1.0418	3.665	3.665	0.0172	0.0172		
S Polychlorinated biphenyls, Total					5168.6	3.665	0.0701	0.0701		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Report Date: 05-Jan-2024 00:10:15 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Lims ID: 140-34509-A-5-B
Client ID: PW-03
Sample Type: Client
Inject. Date: 04-Jan-2024 17:05:00 ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-009
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 00:10:15 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 00:10:15

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:41	11:40	-1	0.727	4583893	1669131	802	2005	2081		
202.0766	11:41	11:40	-1	0.727	1469170	537840	805	2012	668	3.12(2.66-3.60)	
PCB-3L											
200.0795	13:51	13:49	0	0.862	4491740	1224198	802	2005	1526		
202.0766	13:51	13:49	0	0.862	1398219	384947	805	2012	478	3.21(2.66-3.60)	
PCB-1											M
188.0393	11:42	11:42	-1	1.001	5802	2433	131	327	19		M
190.0363	11:42	11:42	-1	1.001	1852	833	54	135	15	3.13(2.66-3.60)	M
PCB-2											RQ
188.0393	13:41	13:41	-1	0.988	28704	8225	131	327	63		
	Empc Correction				17718	5227	131	327	40		
190.0363	13:41	13:41	-1	0.988	5661	1670	54	135	31	5.07(2.66-3.60)	
PCB-3											RQ
188.0393	13:52	13:51	0	1.001	6060	1314	131	327	10		
	Empc Correction				3111	1076	131	327	8		
190.0363	13:51	13:51	-1	1.000	994	344	54	135	6	6.10(2.66-3.60)	
PCB-4L											
234.0406	14:05	14:04	-1	0.877	1675170	501897	187	467	2684		
236.0376	14:05	14:04	-1	0.877	1075820	324321	84	210	3861	1.56(1.33-1.79)	
PCB-9L											
234.0406	16:04	16:04	-1		3030799	826337	187	467	4419		
236.0376	16:04	16:04	-1		1872554	500823	84	210	5962	1.62(1.33-1.79)	
PCB-15L											
234.0406	19:59	19:56	0	1.245	2779525	577140	187	467	3086		
236.0376	19:59	19:56	0	1.245	1706241	345703	84	210	4116	1.63(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-4											
222.0003	14:06	14:06	-1	1.001	97459	27938	149	372	188		
223.9974	14:06	14:06	-1	1.001	62239	18324	126	315	145	1.57(1.33-1.79)	
PCB-10											
222.0003	14:16	14:17	-1	1.013	24613	6780	149	372	46		
223.9974	14:17	14:17	0	1.014	14659	4352	126	315	35	1.68(1.33-1.79)	
PCB-9											
222.0003	16:04						149	372			
223.9974	16:04						126	315			
PCB-7											
222.0003	16:14						149	372			
223.9974	16:14						126	315			
PCB-6											M
222.0003	16:30	16:29	0	1.171	13260	3295	149	372	22		M
223.9974	16:29	16:29	-1	1.170	8174	2478	126	315	20	1.62(1.33-1.79)	M
PCB-5											
222.0003	16:47						149	372			
223.9974	16:47						126	315			
PCB-8											
222.0003	16:55	16:55	-1	1.201	52099	13353	149	372	90		
223.9974	16:55	16:55	-1	1.201	29400	7232	126	315	57	1.77(1.33-1.79)	
PCB-14											
222.0003	18:33	18:31	0	0.928	11291399	2588364	149	372	17372		
223.9974	18:33	18:31	0	0.928	7152444	1639463	126	315	13012	1.58(1.33-1.79)	
PCB-11											M
222.0003	19:23	19:23	0	0.970	29099	5698	149	372	38		M
223.9974	19:23	19:23	0	0.970	19049	3766	126	315	30	1.53(1.33-1.79)	M
PCB-12											M
222.0003	19:41	19:40	-2	0.985	26949	3547	149	372	24		
223.9974	19:40	19:40	-3	0.984	19336	2793	126	315	22	1.39(1.33-1.79)	M
PCB-13 (C12)											M
222.0003	19:41	19:40	-2	0.985	26949	3547	149	372	24		
223.9974	19:40	19:40	-3	0.984	19336	2793	126	315	22	1.39(1.33-1.79)	M
PCB-15											M
222.0003	20:01	20:01	1	1.001	77086	14852	149	372	100		M
223.9974	20:01	20:01	1	1.001	47564	9039	126	315	72	1.62(1.33-1.79)	M
PCB-19L											
268.0016	17:11	17:11	-1	0.841	952619	243425	814	2035	299		
269.9986	17:11	17:11	-1	0.841	910909	230514	395	987	584	1.05(0.88-1.20)	
PCB-32L											
268.0016	20:27	20:27	0		1668067	376588	814	2035	463		
269.9986	20:27	20:27	0		1576278	355981	395	987	901	1.06(0.88-1.20)	
PCB-31L											
268.0016	22:44	22:43	0		3988523	845332	374	935	2260		
269.9986	22:44	22:43	0		3855517	828184	317	792	2613	1.03(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-28L											
268.0016	23:01						374	935			
269.9986	23:01						317	792			
PCB-37L											
268.0016	27:01	27:00	0	1.189	3135193	556157	374	935	1487		
269.9986	27:01	27:00	0	1.189	2999163	539276	317	792	1701	1.05(0.88-1.20)	
PCB-19											
255.9613	17:13	17:11	0	1.002	80436	20512	46	115	446		
257.9584	17:13	17:11	0	1.002	78275	20821	121	302	172	1.03(0.88-1.20)	
PCB-18											
255.9613	19:05	19:01	1	1.110	31976	7968	46	115	173		
257.9584	19:05	19:01	1	1.110	35953	8543	121	302	71	0.89(0.88-1.20)	
PCB-30 (C18)											
255.9613	19:05	19:01	1	1.110	31976	7968	46	115	173		
257.9584	19:05	19:01	1	1.110	35953	8543	121	302	71	0.89(0.88-1.20)	
PCB-17											
255.9613	19:29	19:28	-1	1.134	104893	22696	46	115	493		
257.9584	19:29	19:28	-1	1.134	101634	23026	121	302	190	1.03(0.88-1.20)	
PCB-27											M
255.9613	19:43	19:43	0	1.147	56844	13498	46	115	293		M
257.9584	19:43	19:43	0	1.147	58548	13437	121	302	111	0.97(0.88-1.20)	M
PCB-24											RQM
255.9613	19:51	19:51	0	1.154	982	342	46	115	7		M
257.9584	19:51	19:51	1	1.155	1137	447	121	302	4	0.86(0.88-1.20)	M
	Empc Correction				944	328	121	302	3		
PCB-16											M
255.9613	19:58	19:58	0	1.161	6217	1301	46	115	28		M
257.9584	19:57	19:58	-1	1.161	6875	1508	121	302	12	0.90(0.88-1.20)	
PCB-32											M
255.9613	20:28	20:28	0	1.191	53306	13111	46	115	285		M
257.9584	20:28	20:28	0	1.191	54445	12317	121	302	102	0.98(0.88-1.20)	M
PCB-34											
255.9613	21:43						638	1595			
257.9584	21:43						558	1395			
PCB-23											
255.9613	21:52						638	1595			
257.9584	21:52						558	1395			
PCB-26											Ma
255.9613	22:11	22:11	-1	1.291	94286	21188	638	1595	33		M
257.9584	22:11	22:11	-1	1.291	85390	18917	558	1395	34	1.10(0.88-1.20)	
PCB-29 (C26)											Ma
255.9613	22:11	22:11	-1	1.291	94286	21188	638	1595	33		M
257.9584	22:11	22:11	-1	1.291	85390	18917	558	1395	34	1.10(0.88-1.20)	
PCB-25											M
255.9613	22:26	22:26	0	0.830	91814	20485	638	1595	32		
257.9584	22:26	22:26	0	0.830	89768	19187	558	1395	34	1.02(0.88-1.20)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31											
255.9613	22:44	22:43	0	0.842	217988	49828	638	1595	78		
257.9584	22:44	22:43	0	0.842	225552	51409	558	1395	92	0.97(0.88-1.20)	
PCB-20											
255.9613	23:02	23:02	-1	0.852	407221	87457	638	1595	137		
257.9584	23:02	23:02	-1	0.852	415258	88690	558	1395	159	0.98(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:02	23:02	-1	0.852	407221	87457	638	1595	137		
257.9584	23:02	23:02	-1	0.852	415258	88690	558	1395	159	0.98(0.88-1.20)	
PCB-21											
255.9613	23:17	23:12	4	0.862	48127	9989	638	1595	16		
257.9584	23:17	23:12	3	0.861	52503	11131	558	1395	20	0.92(0.88-1.20)	
PCB-33 (C21)											
255.9613	23:17	23:12	4	0.862	48127	9989	638	1595	16		
257.9584	23:17	23:12	3	0.861	52503	11131	558	1395	20	0.92(0.88-1.20)	
PCB-22											
255.9613	23:40	23:39	0	0.876	60381	12627	638	1595	20		
257.9584	23:40	23:39	0	0.876	56154	12504	558	1395	22	1.08(0.88-1.20)	
PCB-36											M
255.9613	25:14	25:14	0	0.934	5083430	1022697	638	1595	1603		M
257.9584	25:14	25:14	0	0.934	5114074	1017663	558	1395	1824	0.99(0.88-1.20)	M
PCB-39											RQMU
255.9613	25:36						638	1595			
257.9584	25:36						558	1395			
PCB-38											Ma
255.9613	26:11	26:11	1	0.969	13911	2797	638	1595	4		M
257.9584	26:11	26:11	1	0.969	13794	2448	558	1395	4	1.01(0.88-1.20)	M
PCB-35											
255.9613	26:38						638	1595			
257.9584	26:38						558	1395			
PCB-37											
255.9613	27:03	27:02	0	1.001	46572	8423	638	1595	13		
257.9584	27:03	27:02	0	1.001	50958	8020	558	1395	14	0.91(0.88-1.20)	
PCB-54L											
301.9626	20:17	20:16	0	0.816	926309	212116	55	137	3857		
303.9597	20:17	20:16	0	0.816	1155006	265813	31	77	8575	0.80(0.65-0.89)	
PCB-52L											
301.9626	24:51	24:51	0		2003725	420901	447	1117	942		
303.9597	24:51	24:51	0		2472732	522439	530	1325	986	0.81(0.65-0.89)	
PCB-81L											
301.9626	33:47	33:44	1	1.360	2414255	430739	447	1117	964		
303.9597	33:47	33:44	1	1.360	2983406	532690	530	1325	1005	0.81(0.65-0.89)	
PCB-77L											
301.9626	34:21	34:18	1	1.382	2510762	433635	447	1117	970		
303.9597	34:20	34:18	0	1.382	3099196	531831	530	1325	1003	0.81(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-54											RQ
289.9224	20:18	20:18	0	1.000	7932	1956	29	72	67		
	Empc Correction				6526	1664	29	72	57		
291.9194	20:18	20:18	0	1.000	8476	2162	24	60	90	0.94(0.65-0.89)	
PCB-50											
289.9224	22:28	22:27	0	1.108	65486	14167	10	25	1417		
291.9194	22:28	22:27	0	1.108	92434	17729	98	245	181	0.71(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:28	22:27	0	1.108	65486	14167	10	25	1417		
291.9194	22:28	22:27	0	1.108	92434	17729	98	245	181	0.71(0.65-0.89)	
PCB-45											
289.9224	23:13	23:12	0	1.145	78657	15545	10	25	1555		
291.9194	23:13	23:12	0	1.145	98230	18958	98	245	193	0.80(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:13	23:12	0	1.145	78657	15545	10	25	1555		
291.9194	23:13	23:12	0	1.145	98230	18958	98	245	193	0.80(0.65-0.89)	
PCB-46											M
289.9224	23:27	23:29	0	1.157	7992	1962	10	25	196		M
291.9194	23:29	23:29	2	1.158	10914	1814	98	245	19	0.73(0.65-0.89)	M
PCB-52											
289.9224	24:52	24:50	0	1.227	452155	97258	10	25	9726		
291.9194	24:52	24:50	0	1.227	573012	117791	98	245	1202	0.79(0.65-0.89)	
PCB-43											M
289.9224	25:01	25:01	0	1.234	42909	7329	10	25	733		M
291.9194	25:00	25:01	0	1.233	49121	7693	98	245	79	0.87(0.65-0.89)	
PCB-73 (C43)											M
289.9224	25:01	25:01	0	1.234	42909	7329	10	25	733		M
291.9194	25:00	25:01	0	1.233	49121	7693	98	245	79	0.87(0.65-0.89)	
PCB-49											
289.9224	25:22	25:17	3	1.251	349501	74131	10	25	7413		
291.9194	25:22	25:17	3	1.251	448695	94938	98	245	969	0.78(0.65-0.89)	
PCB-69 (C49)											
289.9224	25:22	25:17	3	1.251	349501	74131	10	25	7413		
291.9194	25:22	25:17	3	1.251	448695	94938	98	245	969	0.78(0.65-0.89)	
PCB-48											
289.9224	25:38	25:36	0	1.265	34034	6396	10	25	640		
291.9194	25:38	25:36	0	1.265	40509	8694	98	245	89	0.84(0.65-0.89)	
PCB-44											
289.9224	25:55	25:50	2	1.278	941836	130886	10	25	13089		
291.9194	25:54	25:50	1	1.277	1195302	169882	98	245	1733	0.79(0.65-0.89)	
PCB-47 (C44)											
289.9224	25:55	25:50	2	1.278	941836	130886	10	25	13089		
291.9194	25:54	25:50	1	1.277	1195302	169882	98	245	1733	0.79(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:55	25:50	2	1.278	941836	130886	10	25	13089		
291.9194	25:54	25:50	1	1.277	1195302	169882	98	245	1733	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-59											
289.9224	26:12	26:09	1	1.292	36455	6431	10	25	643		
291.9194	26:12	26:09	1	1.292	45634	7686	98	245	78	0.80(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:12	26:09	1	1.292	36455	6431	10	25	643		
291.9194	26:12	26:09	1	1.292	45634	7686	98	245	78	0.80(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:12	26:09	1	1.292	36455	6431	10	25	643		
291.9194	26:12	26:09	1	1.292	45634	7686	98	245	78	0.80(0.65-0.89)	
PCB-42											
289.9224	26:23	26:21	0	1.301	53132	9831	10	25	983		
291.9194	26:23	26:21	0	1.301	76827	12360	98	245	126	0.69(0.65-0.89)	
PCB-40											M
289.9224	26:54	26:54	1	1.327	106813	19794	10	25	1979		M
291.9194	26:54	26:54	1	1.327	135050	25193	98	245	257	0.79(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	26:54	26:54	1	1.327	106813	19794	10	25	1979		M
291.9194	26:54	26:54	1	1.327	135050	25193	98	245	257	0.79(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	26:54	26:54	1	1.327	106813	19794	10	25	1979		M
291.9194	26:54	26:54	1	1.327	135050	25193	98	245	257	0.79(0.65-0.89)	M
PCB-64											M
289.9224	27:06	27:06	0	1.337	101255	22125	10	25	2213		
291.9194	27:06	27:06	0	1.337	139709	28372	98	245	290	0.72(0.65-0.89)	M
PCB-72											
289.9224	27:56	27:57	0	0.827	16979	3524	10	25	352		
291.9194	27:56	27:57	0	0.827	22222	4125	98	245	42	0.76(0.65-0.89)	
PCB-68											
289.9224	28:13	28:13	0	0.835	80051	16526	10	25	1653		
291.9194	28:14	28:13	1	0.836	103417	18840	98	245	192	0.77(0.65-0.89)	
PCB-57											
289.9224	28:39						10	25			
291.9194	28:39						98	245			
PCB-58											
289.9224	28:54						10	25			
291.9194	28:54						98	245			
PCB-67											RQ
289.9224	29:03	29:02	0	0.860	14661	1872	10	25	187		
291.9194	29:02	29:02	0	0.860	23728	4004	98	245	41	0.62(0.65-0.89)	
	Empc Correction				19040	2431	98	245	25		
PCB-63											RQ
289.9224	29:19	29:18	0	0.868	18109	3459	10	25	346		
291.9194	29:19	29:18	0	0.868	29301	5528	98	245	56	0.62(0.65-0.89)	
	Empc Correction				23518	4492	98	245	46		
PCB-61											
289.9224	29:39	29:38	0	0.878	485923	67898	10	25	6790		
291.9194	29:38	29:38	0	0.877	615790	87335	98	245	891	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-70 (C61)											
289.9224	29:39	29:38	0	0.878	485923	67898	10	25	6790		
291.9194	29:38	29:38	0	0.877	615790	87335	98	245	891	0.79(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:39	29:38	0	0.878	485923	67898	10	25	6790		
291.9194	29:38	29:38	0	0.877	615790	87335	98	245	891	0.79(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:39	29:38	0	0.878	485923	67898	10	25	6790		
291.9194	29:38	29:38	0	0.877	615790	87335	98	245	891	0.79(0.65-0.89)	
PCB-66											M
289.9224	29:58	29:58	0	0.887	281785	51350	10	25	5135		M
291.9194	29:58	29:58	0	0.887	354143	65896	98	245	672	0.80(0.65-0.89)	M
PCB-55											Ma
289.9224	30:07	30:07	-1	0.891	6989	1415	10	25	142		M
291.9194	30:07	30:07	-1	0.891	9323	1815	98	245	19	0.75(0.65-0.89)	
PCB-56											M
289.9224	30:39	30:39	0	0.907	54918	10562	10	25	1056		M
291.9194	30:39	30:39	0	0.907	71291	13656	98	245	139	0.77(0.65-0.89)	M
PCB-60											M
289.9224	30:51	30:51	0	0.913	28083	7014	10	25	701		M
291.9194	30:52	30:51	1	0.914	32037	8146	98	245	83	0.88(0.65-0.89)	M
PCB-80											
289.9224	31:16						10	25			
291.9194	31:16						98	245			
PCB-79											RQM
289.9224	32:48	32:49	0	0.971	6279	1756	10	25	176		M
291.9194	32:49	32:49	2	0.972	13532	2871	98	245	29	0.46(0.65-0.89)	M
	Empc Correction				8154	2280	98	245	23		
PCB-78											
289.9224	33:22	33:22	1	0.988	9564158	1735601	10	25	173560		
291.9194	33:22	33:22	1	0.988	12145091	2199865	98	245	22448	0.79(0.65-0.89)	
PCB-81											Ma
289.9224	33:47	33:47	0	1.000	13516	4861	10	25	486		M
291.9194	33:46	33:47	-1	1.000	16856	5990	98	245	61	0.80(0.65-0.89)	
PCB-77											M
289.9224	34:21	34:21	0	1.000	27974	4221	10	25	422		
291.9194	34:21	34:21	0	1.000	39875	6007	98	245	61	0.70(0.65-0.89)	M
PCB-104L											
337.9207	25:48	25:46	1	0.814	2363476	501564	83	207	6043		
339.9178	25:48	25:46	1	0.814	1444830	304697	68	170	4481	1.64(1.32-1.78)	
PCB-101L											
337.9207	31:42	31:42	0		1910867	374108	83	207	4507		
339.9178	31:42	31:42	0		1186849	226062	68	170	3324	1.61(1.32-1.78)	
PCB-111L											
337.9207	34:22						83	207			
339.9178	34:22						68	170			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123L											
337.9207	36:21	36:18	2	1.147	2808904	527857	1398	3495	378		
339.9178	36:21	36:18	2	1.147	1796895	341088	1104	2760	309	1.56(1.32-1.78)	
PCB-118L											
337.9207	36:40	36:37	2	1.157	2955643	543218	1398	3495	389		
339.9178	36:40	36:37	1	1.157	1856243	346549	1104	2760	314	1.59(1.32-1.78)	
PCB-114L											
337.9207	37:11	37:09	1	1.173	3019429	563030	1398	3495	403		
339.9178	37:11	37:09	1	1.173	1892373	350560	1104	2760	318	1.60(1.32-1.78)	
PCB-105L											
337.9207	37:51	37:48	1	1.194	2952285	550079	1398	3495	393		
339.9178	37:51	37:48	1	1.194	1883569	347343	1104	2760	315	1.57(1.32-1.78)	
PCB-127L											
337.9207	39:19	39:18	1		3072002	559515	1398	3495	400		
339.9178	39:19	39:18	1		1959102	361892	1104	2760	328	1.57(1.32-1.78)	
PCB-126L											
337.9207	40:56	40:53	2	1.291	2978788	547885	1398	3495	392		
339.9178	40:56	40:53	2	1.291	1903734	346205	1104	2760	314	1.56(1.32-1.78)	
PCB-104											
325.8804	25:48	25:48	0	1.000	15561606	3318035	218	545	15220		
327.8775	25:48	25:48	0	1.000	9728485	2093285	33	82	63433	1.60(1.32-1.78)	
PCB-96											M
325.8804	26:12	26:10	1	1.016	33817	6565	218	545	30		M
327.8775	26:10	26:10	-1	1.014	19013	4442	33	82	135	1.78(1.32-1.78)	M
PCB-103											M
325.8804	28:07	28:07	0	1.090	11338	3128	218	545	14		M
327.8775	28:07	28:07	0	1.090	6553	1347	33	82	41	1.73(1.32-1.78)	M
PCB-94											M
325.8804	28:20	28:20	0	1.099	6802	1610	218	545	7		M
327.8775	28:20	28:20	0	1.099	4741	1138	33	82	34	1.43(1.32-1.78)	M
PCB-95											
325.8804	28:47	28:46	0	1.116	407647	81137	218	545	372		
327.8775	28:47	28:46	0	1.116	269332	54357	33	82	1647	1.51(1.32-1.78)	
PCB-93											
325.8804	28:59	29:00	0	1.124	44078	7519	218	545	34		
327.8775	29:00	29:00	1	1.124	26910	5214	33	82	158	1.64(1.32-1.78)	
PCB-100 (C93)											
325.8804	28:59	29:00	0	1.124	44078	7519	218	545	34		
327.8775	29:00	29:00	1	1.124	26910	5214	33	82	158	1.64(1.32-1.78)	
PCB-98											M
325.8804	29:09	29:08	1	1.130	19096	3622	218	545	17		M
327.8775	29:08	29:08	0	1.129	14421	2160	33	82	65	1.32(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:09	29:08	1	1.130	19096	3622	218	545	17		M
327.8775	29:08	29:08	0	1.129	14421	2160	33	82	65	1.32(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-88											
325.8804	29:39	29:38	1	1.150	106131	19613	218	545	90		
327.8775	29:38	29:38	0	1.149	63361	11864	33	82	360	1.68(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:39	29:38	1	1.150	106131	19613	218	545	90		
327.8775	29:38	29:38	0	1.149	63361	11864	33	82	360	1.68(1.32-1.78)	
PCB-84											
325.8804	29:52	29:51	0	1.158	90098	16897	218	545	78		
327.8775	29:52	29:51	1	1.158	55695	11210	33	82	340	1.62(1.32-1.78)	
PCB-89											
325.8804	30:22						218	545			
327.8775	30:22						33	82			
PCB-121											
325.8804	30:46	30:44	1	1.193	6851859	1350973	218	545	6197		
327.8775	30:46	30:44	1	1.193	4312582	856054	33	82	25941	1.59(1.32-1.78)	
PCB-92											M
325.8804	31:09	31:08	1	0.857	181916	32896	218	545	151		
327.8775	31:08	31:08	0	0.857	107321	19698	33	82	597	1.70(1.32-1.78)	M
PCB-90											
325.8804	31:43	31:40	3	1.230	826353	155283	218	545	712		
327.8775	31:43	31:40	3	1.230	533090	97787	33	82	2963	1.55(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:43	31:40	3	1.230	826353	155283	218	545	712		
327.8775	31:43	31:40	3	1.230	533090	97787	33	82	2963	1.55(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:43	31:40	3	1.230	826353	155283	218	545	712		
327.8775	31:43	31:40	3	1.230	533090	97787	33	82	2963	1.55(1.32-1.78)	
PCB-83											
325.8804	32:18	32:18	1	1.252	459557	82755	218	545	380		
327.8775	32:18	32:18	1	1.252	288943	48928	33	82	1483	1.59(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:18	32:18	1	1.252	459557	82755	218	545	380		
327.8775	32:18	32:18	1	1.252	288943	48928	33	82	1483	1.59(1.32-1.78)	
PCB-112											
325.8804	32:26						218	545			
327.8775	32:26						33	82			
PCB-86											M
325.8804	32:54	32:54	8	1.276	470303	48562	218	545	223		M
327.8775	32:53	32:54	7	1.275	293482	31093	33	82	942	1.60(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:54	32:54	8	1.276	470303	48562	218	545	223		M
327.8775	32:53	32:54	7	1.275	293482	31093	33	82	942	1.60(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:54	32:54	8	1.276	470303	48562	218	545	223		M
327.8775	32:53	32:54	7	1.275	293482	31093	33	82	942	1.60(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-109 (C86)											M
325.8804	32:54	32:54	8	1.276	470303	48562	218	545	223		M
327.8775	32:53	32:54	7	1.275	293482	31093	33	82	942	1.60(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:54	32:54	8	1.276	470303	48562	218	545	223		M
327.8775	32:53	32:54	7	1.275	293482	31093	33	82	942	1.60(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:54	32:54	8	1.276	470303	48562	218	545	223		M
327.8775	32:53	32:54	7	1.275	293482	31093	33	82	942	1.60(1.32-1.78)	M
PCB-85											M
325.8804	33:32	33:32	2	1.300	142908	20489	218	545	94		
327.8775	33:32	33:32	2	1.300	86973	11964	33	82	363	1.64(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:32	33:32	2	1.300	142908	20489	218	545	94		
327.8775	33:32	33:32	2	1.300	86973	11964	33	82	363	1.64(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:32	33:32	2	1.300	142908	20489	218	545	94		
327.8775	33:32	33:32	2	1.300	86973	11964	33	82	363	1.64(1.32-1.78)	M
PCB-110											
325.8804	33:42	33:44	-3	1.306	979973	179627	218	545	824		
327.8775	33:42	33:44	-3	1.306	605871	116294	33	82	3524	1.62(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:42	33:44	-3	1.306	979973	179627	218	545	824		
327.8775	33:42	33:44	-3	1.306	605871	116294	33	82	3524	1.62(1.32-1.78)	
PCB-82											
325.8804	34:00	34:02	0	1.318	50773	8598	218	545	39		
327.8775	34:01	34:02	1	1.319	34032	5062	33	82	153	1.49(1.32-1.78)	
PCB-111											
325.8804	34:25						218	545			
327.8775	34:25						33	82			
PCB-120											
325.8804	34:53						218	545			
327.8775	34:53						33	82			
PCB-108											
325.8804	36:01	35:59	2	1.397	34814	6122	430	1075	14		
327.8775	36:00	35:59	1	1.396	24929	5132	172	430	30	1.40(1.32-1.78)	
PCB-124 (C108)											
325.8804	36:01	35:59	2	1.397	34814	6122	430	1075	14		
327.8775	36:00	35:59	1	1.396	24929	5132	172	430	30	1.40(1.32-1.78)	
PCB-107											M
325.8804	36:15	36:15	1	1.405	68835	13666	430	1075	32		M
327.8775	36:15	36:15	2	1.406	46341	8667	172	430	50	1.49(1.32-1.78)	
PCB-123											Ma
325.8804	36:22	36:22	2	1.001	14473	3201	430	1075	7		M
327.8775	36:23	36:22	2	1.001	8309	2329	172	430	14	1.74(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-106											Ma
325.8804	36:29	36:29	2	1.004	242911	48369	430	1075	112		M
327.8775	36:29	36:29	2	1.004	161088	30854	172	430	179	1.51(1.32-1.78)	
PCB-118											
325.8804	36:41	36:40	1	1.000	891436	169034	430	1075	393		
327.8775	36:41	36:40	1	1.000	576324	104504	172	430	608	1.55(1.32-1.78)	
PCB-122											RQ
325.8804	37:03	37:04	2	1.010	10704	2184	430	1075	5		
327.8775	37:03	37:04	2	1.010	10660	1726	172	430	10	1.00(1.32-1.78)	
	Empc Correction				6905	1409	172	430	8		
PCB-114											RQ
325.8804	37:13	37:11	1	1.001	23120	3870	430	1075	9		
	Empc Correction				19013	4580	430	1075	11		
327.8775	37:13	37:11	1	1.001	12267	2955	172	430	17	1.88(1.32-1.78)	
PCB-105											
325.8804	37:52	37:52	2	1.001	278447	49546	430	1075	115		
327.8775	37:52	37:52	2	1.001	176856	32416	172	430	188	1.57(1.32-1.78)	
PCB-127											
325.8804	39:21						430	1075			
327.8775	39:21						172	430			
PCB-126											
325.8804	40:57						430	1075			
327.8775	40:57						172	430			
PCB-155L											
371.8817	31:28	31:26	1	0.791	1993800	391520	45	112	8700		
373.8788	31:28	31:26	1	0.791	1550269	308885	52	130	5940	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:47	39:46	2		2252465	422269	577	1442	732		
373.8788	39:47	39:46	2		1774150	334183	660	1650	506	1.27(1.05-1.43)	
PCB-167L											
371.8817	42:48	42:45	2	1.076	2766267	512519	577	1442	888		
373.8788	42:48	42:45	2	1.076	2160273	404153	660	1650	612	1.28(1.05-1.43)	
PCB-156L											
371.8817	43:56	43:55	1	1.104	5417719	716068	577	1442	1241		
373.8788	43:57	43:55	2	1.105	4197008	557292	660	1650	844	1.29(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:56	43:55	1	1.104	5417719	716068	577	1442	1241		
373.8788	43:57	43:55	2	1.105	4197008	557292	660	1650	844	1.29(1.05-1.43)	
PCB-169L											
371.8817	47:10	47:09	1	1.186	2747312	495393	577	1442	859		
373.8788	47:10	47:09	1	1.186	2168014	379396	660	1650	575	1.27(1.05-1.43)	
PCB-155											M
359.8415	31:29	31:29	0	1.000	5202746	1024081	36	90	28447		M
361.8385	31:29	31:29	0	1.000	4148032	816090	37	92	22056	1.25(1.05-1.43)	
PCB-152											Ma
359.8415	31:38	31:38	-2	1.005	17890	6114	36	90	170		M
361.8385	31:40	31:38	0	1.006	14354	4440	37	92	120	1.25(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-150											
359.8415	31:51						36	90			
361.8385	31:51						37	92			
PCB-136											
359.8415	32:13	32:11	1	1.024	51611	9625	36	90	267		
361.8385	32:13	32:11	1	1.024	39223	7444	37	92	201	1.32(1.05-1.43)	
PCB-145											
359.8415	32:31						36	90			
361.8385	32:31						37	92			
PCB-148											
359.8415	34:02						36	90			
361.8385	34:02						37	92			
PCB-135											M
359.8415	34:36	34:36	-3	1.100	92325	11687	36	90	325		M
361.8385	34:39	34:36	0	1.101	70481	8022	37	92	217	1.31(1.05-1.43)	
PCB-151 (C135)											M
359.8415	34:36	34:36	-3	1.100	92325	11687	36	90	325		M
361.8385	34:39	34:36	0	1.101	70481	8022	37	92	217	1.31(1.05-1.43)	
PCB-154											
359.8415	34:51	34:50	0	1.107	13726	2367	36	90	66		
361.8385	34:51	34:50	0	1.108	10144	1841	37	92	50	1.35(1.05-1.43)	
PCB-144											
359.8415	35:11	35:09	1	1.118	12657	2565	36	90	71		
361.8385	35:12	35:09	2	1.119	10379	1891	37	92	51	1.22(1.05-1.43)	
PCB-147											
359.8415	35:33	35:30	1	1.130	372364	75561	109	272	693		
361.8385	35:33	35:30	1	1.130	296007	57112	156	390	366	1.26(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:33	35:30	1	1.130	372364	75561	109	272	693		
361.8385	35:33	35:30	1	1.130	296007	57112	156	390	366	1.26(1.05-1.43)	
PCB-134											a
359.8415	35:45	35:45	-5	1.136	32178	5895	109	272	54		a
361.8385	35:45	35:45	-4	1.136	26335	4427	156	390	28	1.22(1.05-1.43)	
PCB-143 (C134)											a
359.8415	35:45	35:45	-5	1.136	32178	5895	109	272	54		a
361.8385	35:45	35:45	-4	1.136	26335	4427	156	390	28	1.22(1.05-1.43)	
PCB-139											
359.8415	36:08	36:06	1	1.148	13346	2636	109	272	24		
361.8385	36:07	36:06	-1	1.148	11064	1772	156	390	11	1.21(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:08	36:06	1	1.148	13346	2636	109	272	24		
361.8385	36:07	36:06	-1	1.148	11064	1772	156	390	11	1.21(1.05-1.43)	
PCB-131											
359.8415	36:20						109	272			
361.8385	36:20						156	390			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-142											
359.8415	36:29	36:27	1	1.160	3506291	667131	109	272	6120		
361.8385	36:29	36:27	1	1.160	2778191	527529	156	390	3382	1.26(1.05-1.43)	
PCB-132											
359.8415	36:48	36:49	1	1.170	161515	30834	109	272	283		
361.8385	36:49	36:49	2	1.170	128474	21053	156	390	135	1.26(1.05-1.43)	
PCB-133											RQM
359.8415	37:18	37:18	1	1.186	10661	1659	109	272	15		
361.8385	37:18	37:18	1	1.186	11170	1710	156	390	11	0.95(1.05-1.43)	M
	Empc Correction				8597	1337	156	390	9		
PCB-165											
359.8415	37:44	37:40	2	0.881	36021	5995	109	272	55		
361.8385	37:44	37:40	2	0.881	29777	5267	156	390	34	1.21(1.05-1.43)	
PCB-146											
359.8415	37:58	37:55	2	0.887	74616	15424	109	272	142		
361.8385	37:57	37:55	1	0.887	59496	12062	156	390	77	1.25(1.05-1.43)	
PCB-161											
359.8415	38:05	38:03	1	0.890	238191	43758	109	272	401		
361.8385	38:05	38:03	1	0.890	193544	34167	156	390	219	1.23(1.05-1.43)	
PCB-153											
359.8415	38:34	38:33	0	0.901	508864	97153	109	272	891		
361.8385	38:34	38:33	0	0.901	390205	75484	156	390	484	1.30(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:34	38:33	0	0.901	508864	97153	109	272	891		
361.8385	38:34	38:33	0	0.901	390205	75484	156	390	484	1.30(1.05-1.43)	
PCB-141											
359.8415	38:46	38:43	2	0.906	72642	14272	109	272	131		
361.8385	38:46	38:43	2	0.906	62627	11863	156	390	76	1.16(1.05-1.43)	
PCB-130											
359.8415	39:11	39:09	2	0.916	35866	6789	109	272	62		
361.8385	39:11	39:09	2	0.916	31433	4999	156	390	32	1.14(1.05-1.43)	
PCB-137											
359.8415	39:23	39:21	1	0.920	38899	6696	109	272	61		
361.8385	39:24	39:21	2	0.921	27433	5001	156	390	32	1.42(1.05-1.43)	
PCB-164											RQ
359.8415	39:31	39:28	2	0.923	49624	8899	109	272	82		
	Empc Correction				40136	9533	109	272	87		
361.8385	39:31	39:28	2	0.923	32368	7688	156	390	49	1.53(1.05-1.43)	
PCB-129											
359.8415	39:49	39:47	1	0.930	643348	117069	109	272	1074		
361.8385	39:49	39:47	1	0.930	524122	98801	156	390	633	1.23(1.05-1.43)	
PCB-138 (C129)											
359.8415	39:49	39:47	1	0.930	643348	117069	109	272	1074		
361.8385	39:49	39:47	1	0.930	524122	98801	156	390	633	1.23(1.05-1.43)	
PCB-160 (C129)											
359.8415	39:49	39:47	1	0.930	643348	117069	109	272	1074		
361.8385	39:49	39:47	1	0.930	524122	98801	156	390	633	1.23(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-163 (C129)											
359.8415	39:49	39:47	1	0.930	643348	117069	109	272	1074		
361.8385	39:49	39:47	1	0.930	524122	98801	156	390	633	1.23(1.05-1.43)	
PCB-158											
359.8415	40:12	40:10	1	0.939	78177	15073	109	272	138		
361.8385	40:12	40:10	1	0.939	64449	12253	156	390	79	1.21(1.05-1.43)	
PCB-128											
359.8415	41:05	41:00	3	0.960	121147	21160	109	272	194		
361.8385	41:04	41:00	2	0.959	99416	16841	156	390	108	1.22(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:05	41:00	3	0.960	121147	21160	109	272	194		
361.8385	41:04	41:00	2	0.959	99416	16841	156	390	108	1.22(1.05-1.43)	
PCB-159											
359.8415	42:04	42:01	2	0.983	35563	7166	109	272	66		
361.8385	42:04	42:01	2	0.983	25420	4383	156	390	28	1.40(1.05-1.43)	
PCB-162											
359.8415	42:20						109	272			
361.8385	42:20						156	390			
PCB-167											
359.8415	42:50	42:48	3	1.001	25866	4747	109	272	44		
361.8385	42:49	42:48	2	1.000	24517	4385	156	390	28	1.06(1.05-1.43)	
PCB-156											
359.8415	43:57	43:55	1	1.000	96375	14747	109	272	135		
361.8385	43:56	43:55	0	1.000	72220	11362	156	390	73	1.33(1.05-1.43)	
PCB-157 (C156)											
359.8415	43:57	43:55	1	1.000	96375	14747	109	272	135		
361.8385	43:56	43:55	0	1.000	72220	11362	156	390	73	1.33(1.05-1.43)	
PCB-169											
359.8415	47:12						109	272			
361.8385	47:12						156	390			
PCB-188L											
405.8428	37:11	37:10	1	0.820	2125689	401871	58	145	6929		
407.8398	37:11	37:10	1	0.820	1968153	370356	64	160	5787	1.08(0.89-1.21)	
PCB-178L											
405.8428	40:15						58	145			
407.8398	40:15						64	160			
PCB-180L											
405.8428	45:20	45:18	2		1657809	304171	58	145	5244		
407.8398	45:20	45:18	2		1555844	291833	64	160	4560	1.07(0.89-1.21)	
PCB-170L											
405.8428	46:36	46:34	2	1.028	1304004	240509	58	145	4147		
407.8398	46:36	46:34	2	1.028	1239846	229046	64	160	3579	1.05(0.89-1.21)	
PCB-189L											
405.8428	49:42	49:41	1	1.096	2588392	470765	1978	4945	238		
407.8398	49:42	49:41	1	1.096	2411553	431690	1365	3412	316	1.07(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-188											M
393.8025	37:14	37:12	2	1.001	5934	1058	47	117	23		M
395.7995	37:12	37:12	0	1.000	6108	1297	81	202	16	0.97(0.89-1.21)	M
PCB-179											M
393.8025	37:34	37:34	2	1.010	12171	2250	47	117	48		M
395.7995	37:34	37:34	2	1.010	10586	2498	81	202	31	1.15(0.89-1.21)	M
PCB-184											
393.8025	38:05	38:02	2	1.024	9822933	1895352	47	117	40327		
395.7995	38:05	38:02	2	1.024	9226798	1786530	81	202	22056	1.06(0.89-1.21)	
PCB-176											
393.8025	38:26						47	117			
395.7995	38:26						81	202			
PCB-186											
393.8025	38:53						47	117			
395.7995	38:53						81	202			
PCB-178											
393.8025	40:17						47	117			
395.7995	40:17						81	202			
PCB-175											
393.8025	40:54						47	117			
395.7995	40:54						81	202			
PCB-187											M
393.8025	41:10	41:10	1	1.107	25307	5096	47	117	108		M
395.7995	41:10	41:10	1	1.107	24496	4439	81	202	55	1.03(0.89-1.21)	M
PCB-182											
393.8025	41:22						47	117			
395.7995	41:22						81	202			
PCB-183											RQM
393.8025	41:48	41:48	2	1.124	15849	2745	47	117	58		M
	Empc Correction				13409	2800	47	117	60		
395.7995	41:47	41:48	2	1.124	12771	2667	81	202	33	1.24(0.89-1.21)	M
PCB-185 (C183)											RQM
393.8025	41:48	41:48	2	1.124	15849	2745	47	117	58		M
	Empc Correction				13409	2800	47	117	60		
395.7995	41:47	41:48	2	1.124	12771	2667	81	202	33	1.24(0.89-1.21)	M
PCB-174											M
393.8025	42:01	42:01	2	1.130	18470	3643	47	117	78		M
395.7995	42:01	42:01	2	1.130	18559	3957	81	202	49	1.00(0.89-1.21)	M
PCB-177											M
393.8025	42:29	42:28	3	1.142	13015	2150	47	117	46		M
395.7995	42:28	42:28	2	1.142	11698	2272	81	202	28	1.11(0.89-1.21)	M
PCB-181											
393.8025	42:50						47	117			
395.7995	42:50						81	202			
PCB-171											
393.8025	43:04						47	117			
395.7995	43:04						81	202			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-173 (C171)											
393.8025	43:04						47	117			
395.7995	43:04						81	202			
PCB-172											
393.8025	44:43						47	117			
395.7995	44:43						81	202			
PCB-192											
393.8025	44:59	44:58	2	0.905	28742630	5567514	47	117	118458		
395.7995	44:59	44:58	2	0.905	27164684	5209326	81	202	64313	1.06(0.89-1.21)	
PCB-180											
393.8025	45:22	45:18	4	0.913	143299	14651	47	117	312		
395.7995	45:22	45:18	3	0.913	126683	14717	81	202	182	1.13(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:22	45:18	4	0.913	143299	14651	47	117	312		
395.7995	45:22	45:18	3	0.913	126683	14717	81	202	182	1.13(0.89-1.21)	
PCB-191											
393.8025	45:43						47	117			
395.7995	45:43						81	202			
PCB-170											RQM
393.8025	46:37	46:37	2	0.938	29379	4806	47	117	102		M
	Empc Correction				25138	4691	47	117	100		
395.7995	46:37	46:37	2	0.938	23941	4468	81	202	55	1.23(0.89-1.21)	M
PCB-190											
393.8025	47:08						47	117			
395.7995	47:08						81	202			
PCB-189											RQU
393.8025	49:42						99	247			
395.7995	49:42						65	162			
PCB-202L											
439.8038	42:34	42:32	2	0.821	1548365	298627	54	135	5530		
441.8008	42:34	42:32	2	0.821	1710504	328906	40	100	8223	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:49	51:47	1		1984232	360842	1042	2605	346		
441.8008	51:49	51:47	1		2175508	389553	1277	3192	305	0.91(0.76-1.02)	
PCB-205L											
439.8038	52:17	52:15	1	1.009	2214213	392677	1042	2605	377		
441.8008	52:17	52:15	1	1.009	2474994	445405	1277	3192	349	0.89(0.76-1.02)	
PCB-202											
427.7635	42:35						52	130			
429.7606	42:35						57	142			
PCB-201											
427.7635	43:30						52	130			
429.7606	43:30						57	142			
PCB-204											
427.7635	44:11	44:09	2	1.038	12849935	2425184	52	130	46638		
429.7606	44:11	44:09	2	1.038	14072321	2634687	57	142	46223	0.91(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-197											M
427.7635	44:24	44:25	1	1.043	114887	17456	52	130	336		M
429.7606	44:25	44:25	2	1.044	117398	17582	57	142	308	0.98(0.76-1.02)	M
PCB-200											RQM
427.7635	44:29	44:29	-1	1.045	17027	4333	52	130	83		M
429.7606	44:29	44:29	-1	1.045	23058	4796	57	142	84	0.74(0.76-1.02)	M
	Empc Correction				19131	4868	57	142	85		
PCB-198											
427.7635	47:18						52	130			
429.7606	47:18						57	142			
PCB-199 (C198)											
427.7635	47:18						52	130			
429.7606	47:18						57	142			
PCB-196											
427.7635	47:58						52	130			
429.7606	47:58						57	142			
PCB-203											
427.7635	48:10						52	130			
429.7606	48:10						57	142			
PCB-195											RQ
427.7635	49:28	49:28	-1	0.946	2200	472	37	92	13		
	Empc Correction				1402	408	37	92	11		
429.7606	49:31	49:28	2	0.947	1576	459	50	125	9	1.40(0.76-1.02)	
PCB-194											M
427.7635	51:50	51:49	1	0.991	4753	1219	37	92	33		
429.7606	51:49	51:49	1	0.991	5901	1196	50	125	24	0.81(0.76-1.02)	M
PCB-205											RQ
427.7635	52:19	52:19	1	1.000	4352	972	37	92	26		
	Empc Correction				3361	729	37	92	20		
429.7606	52:19	52:19	1	1.000	3777	820	50	125	16	1.15(0.76-1.02)	
PCB-208L											
473.7648	49:15	49:13	1	0.950	1863608	342012	1221	3052	280		
475.7619	49:15	49:13	1	0.950	2319346	427275	1042	2605	410	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:02	54:00	1	1.043	1368821	244440	1221	3052	200		
475.7619	54:03	54:00	2	1.043	1658683	293927	1042	2605	282	0.83(0.65-0.89)	
PCB-208											
461.7246	49:16						35	87			
463.7216	49:16						202	505			
PCB-207											
461.7246	50:11	50:12	1	1.019	54766	9341	35	87	267		
463.7216	50:11	50:12	1	1.019	72792	14965	202	505	74	0.75(0.65-0.89)	
PCB-206											
461.7246	54:05						35	87			
463.7216	54:05						202	505			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-209L											
507.7258	55:40	55:39	1	1.075	1350516	229994	69	172	3333		
509.7229	55:40	55:39	1	1.075	1839894	311949	48	120	6499	0.73(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:43	55:44	2	1.001	48593	9158	14	35	654		
497.6826	55:42	55:44	1	1.000	73212	12389	25	62	496	0.66(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

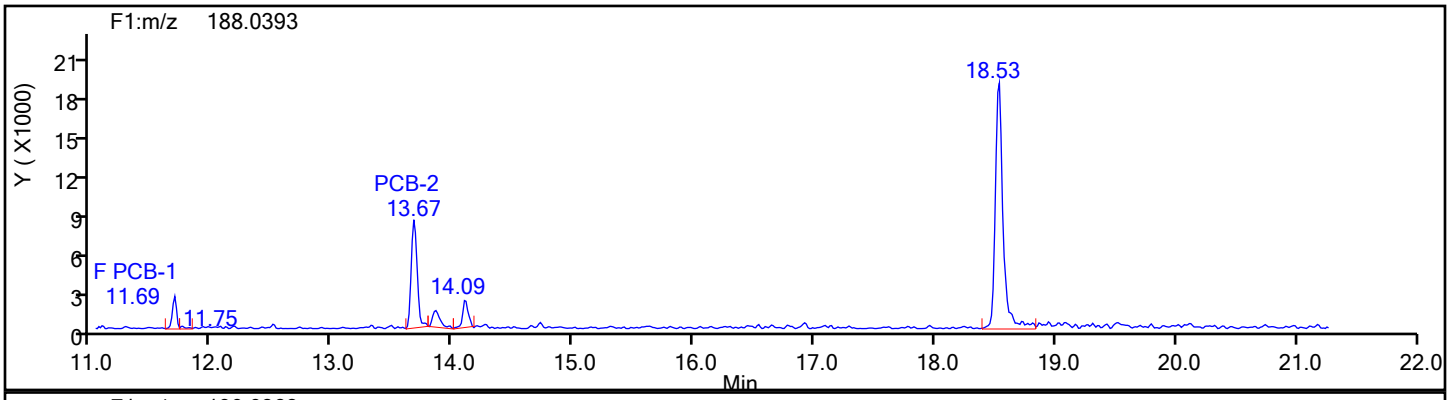
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

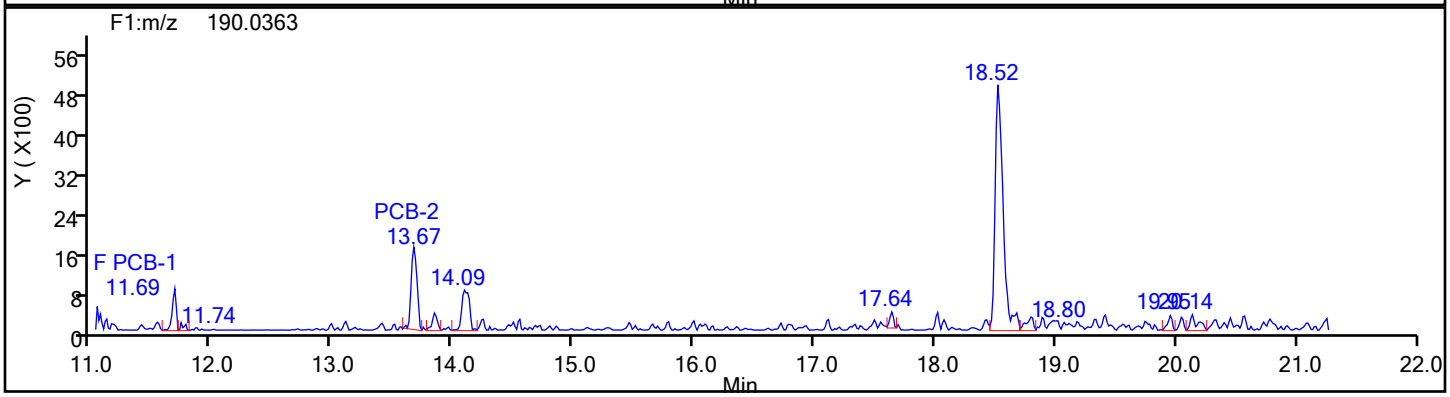
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

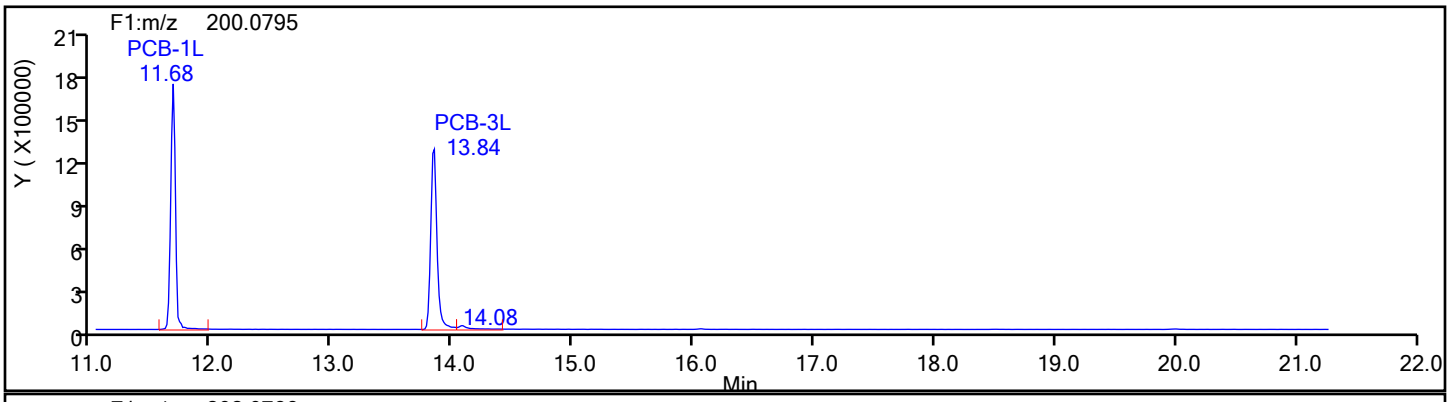
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

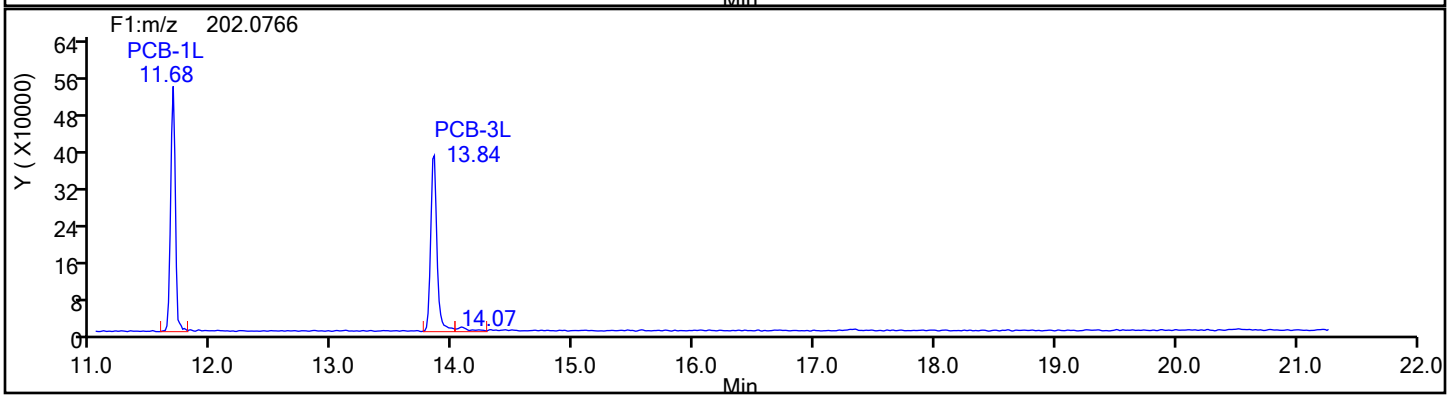
MoPCB F1





MoPCB F1 Standards



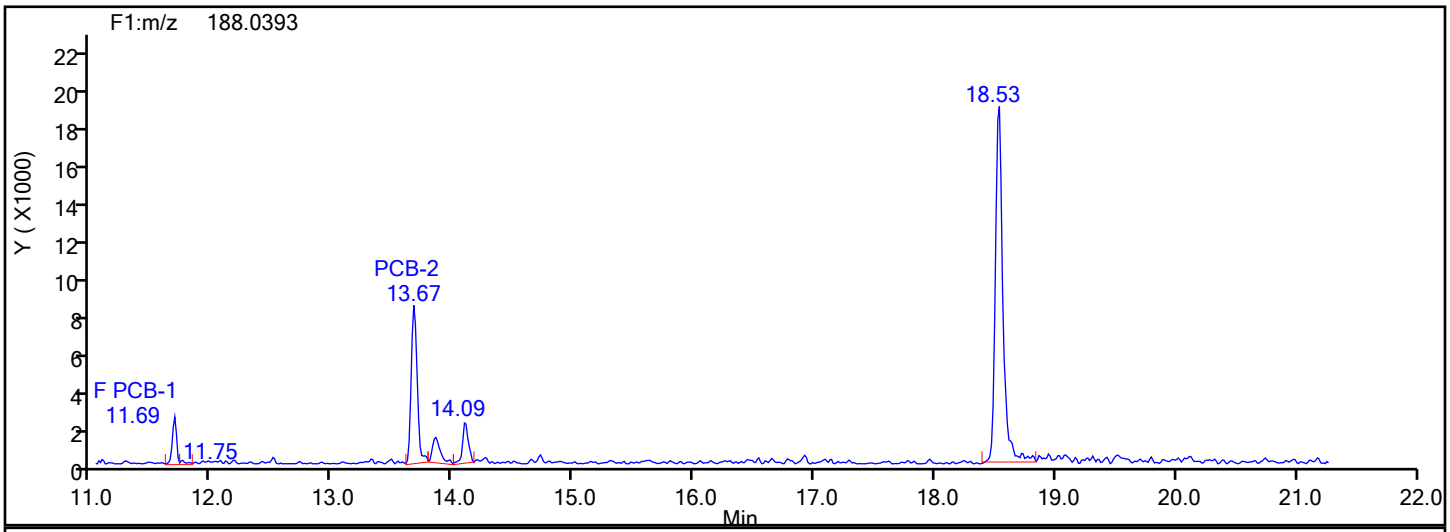


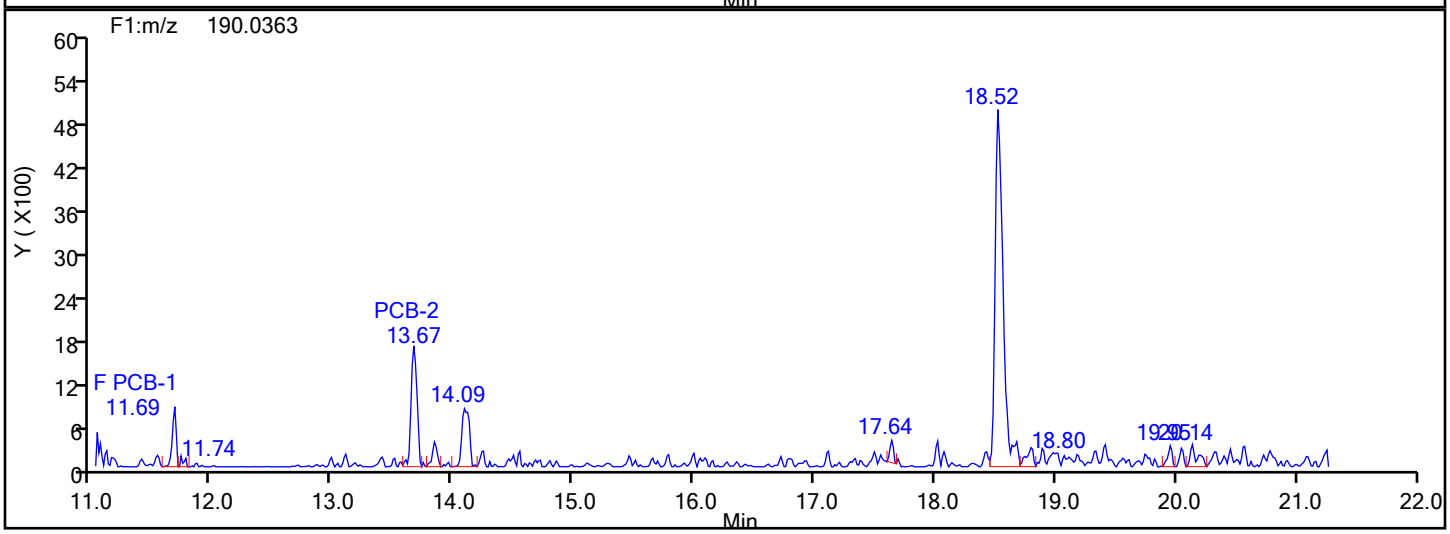
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

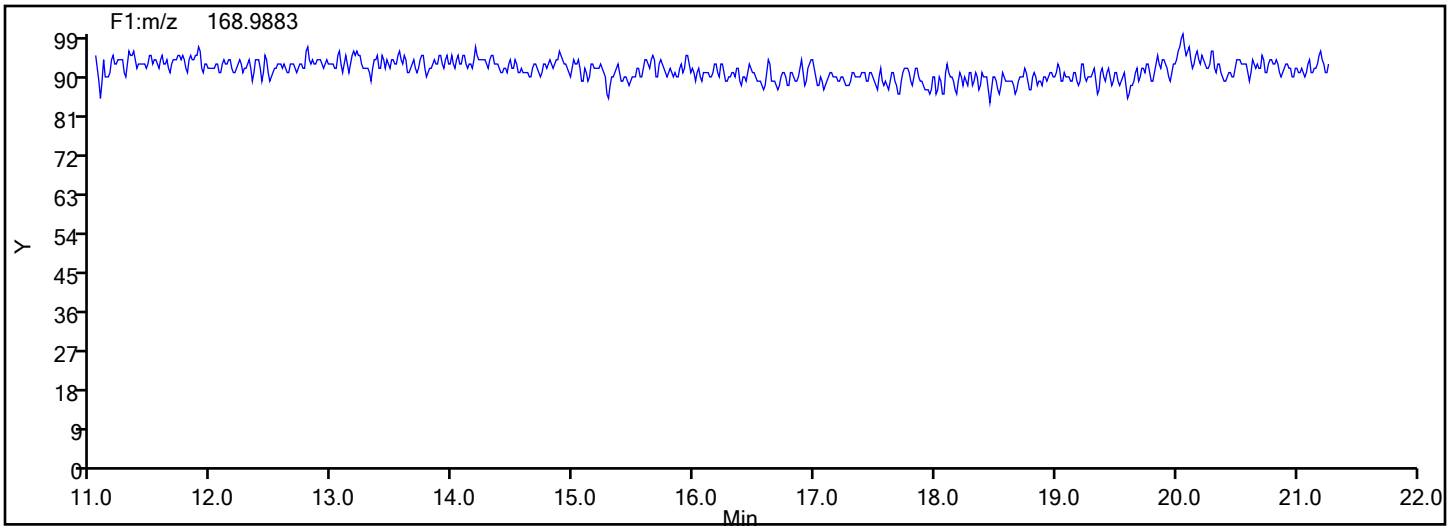
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

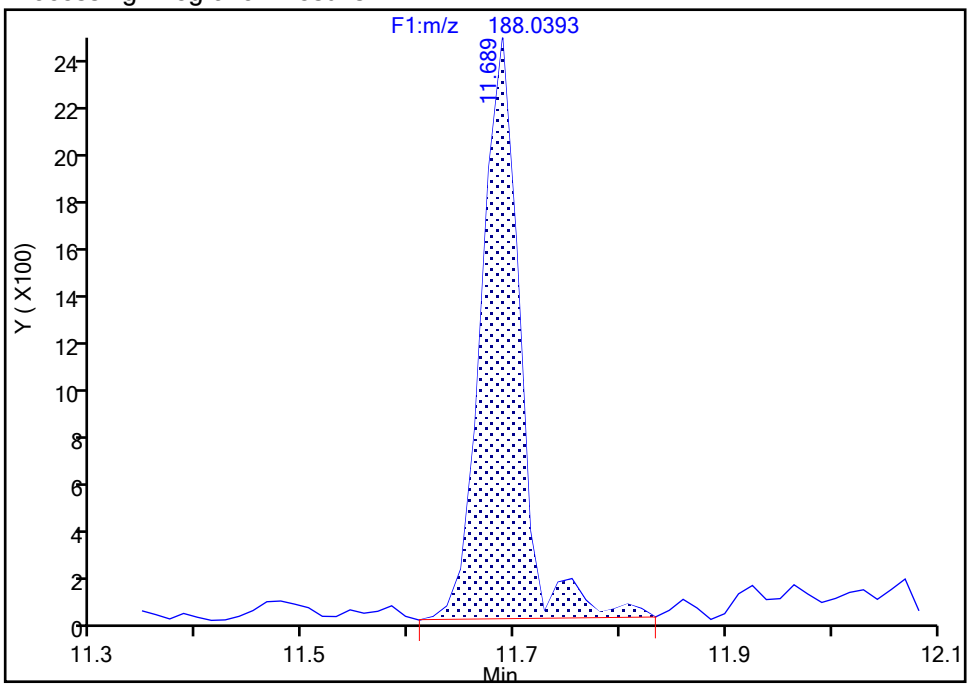
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-1, CAS: 2051-60-7

Signal: 1

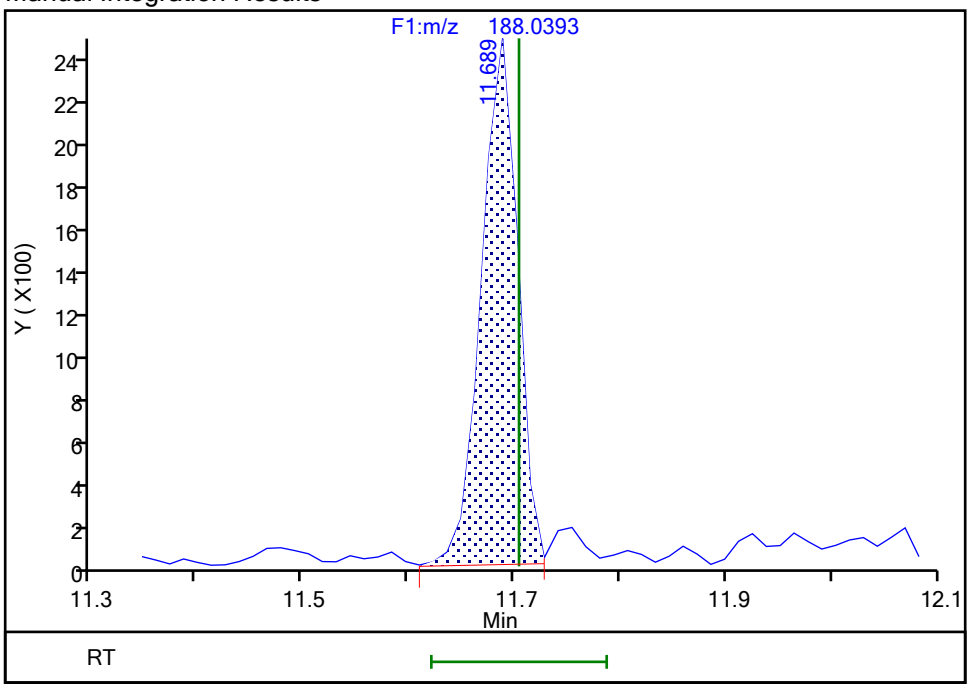
Processing Integration Results

RT: 11.69
Area: 6236
Amount: 0.113166
Amount Units: pg/ul



Manual Integration Results

RT: 11.69
Area: 5802
Amount: 0.103202
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:21:39 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

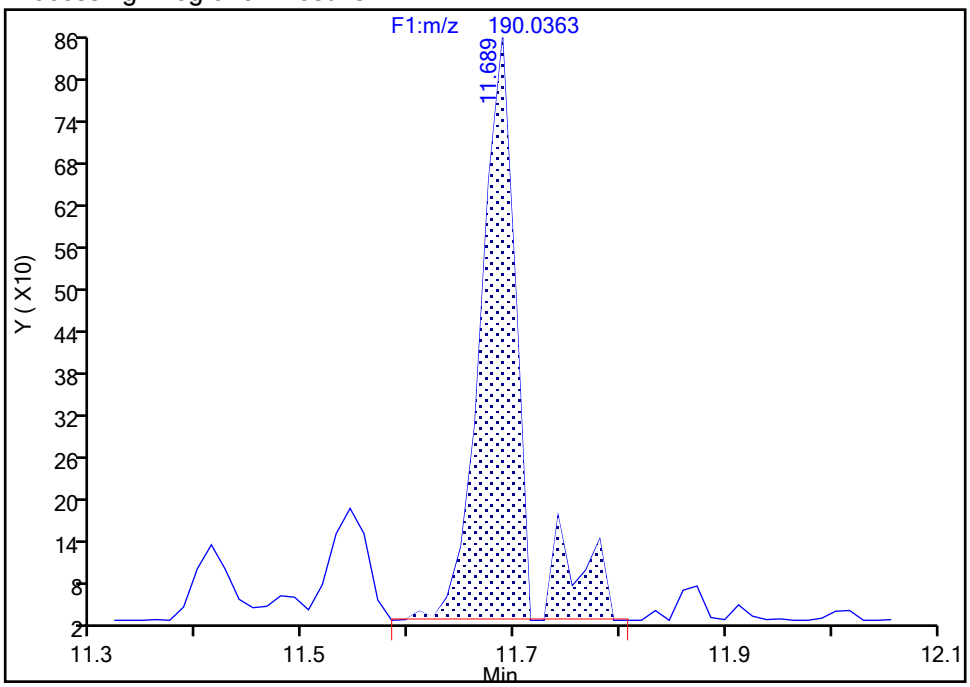
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-1, CAS: 2051-60-7

Signal: 2

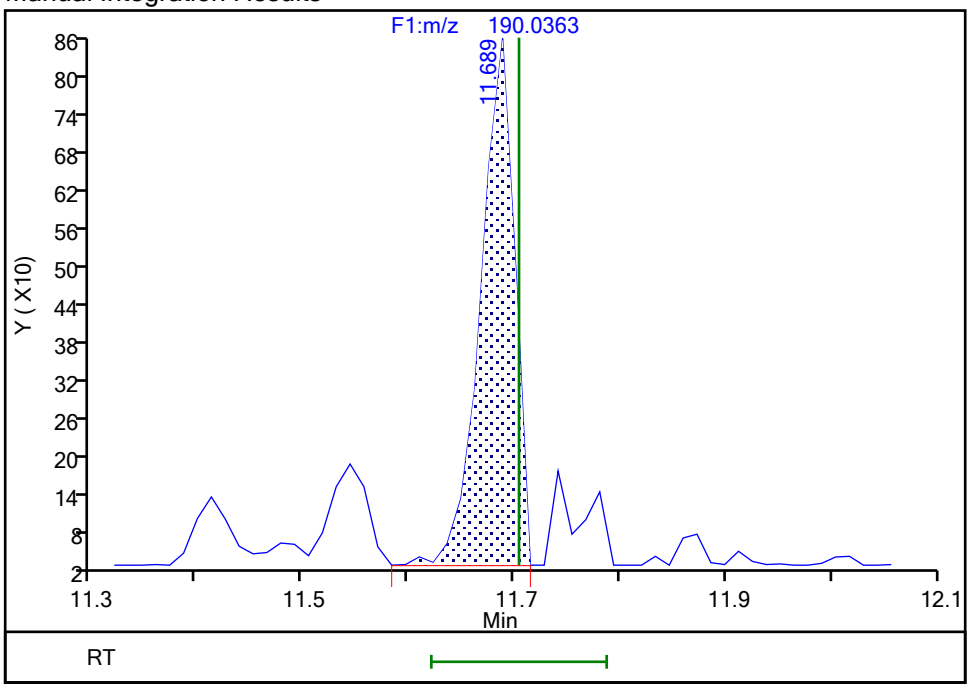
Processing Integration Results

RT: 11.69
Area: 2157
Amount: 0.113166
Amount Units: pg/ul



Manual Integration Results

RT: 11.69
Area: 1852
Amount: 0.103202
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:21:41 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

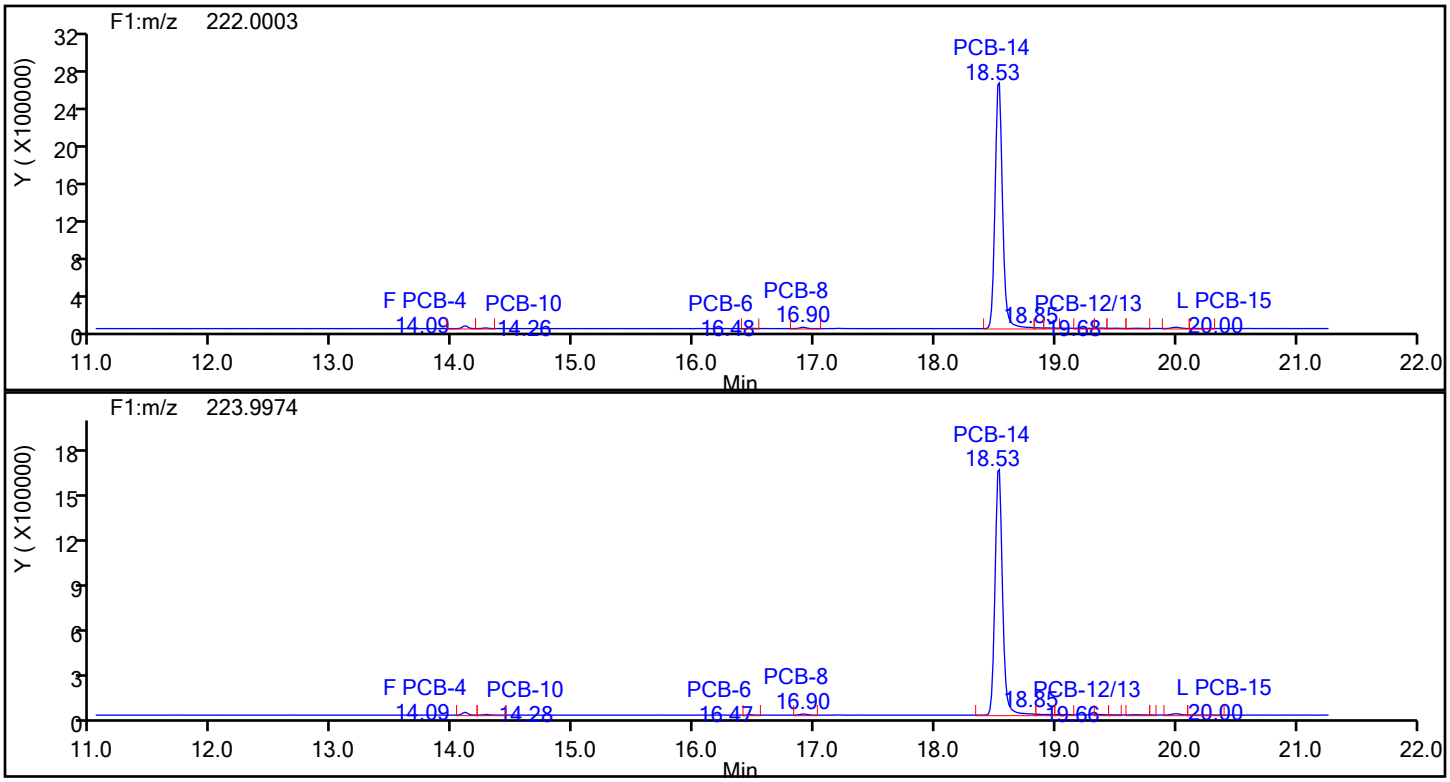
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

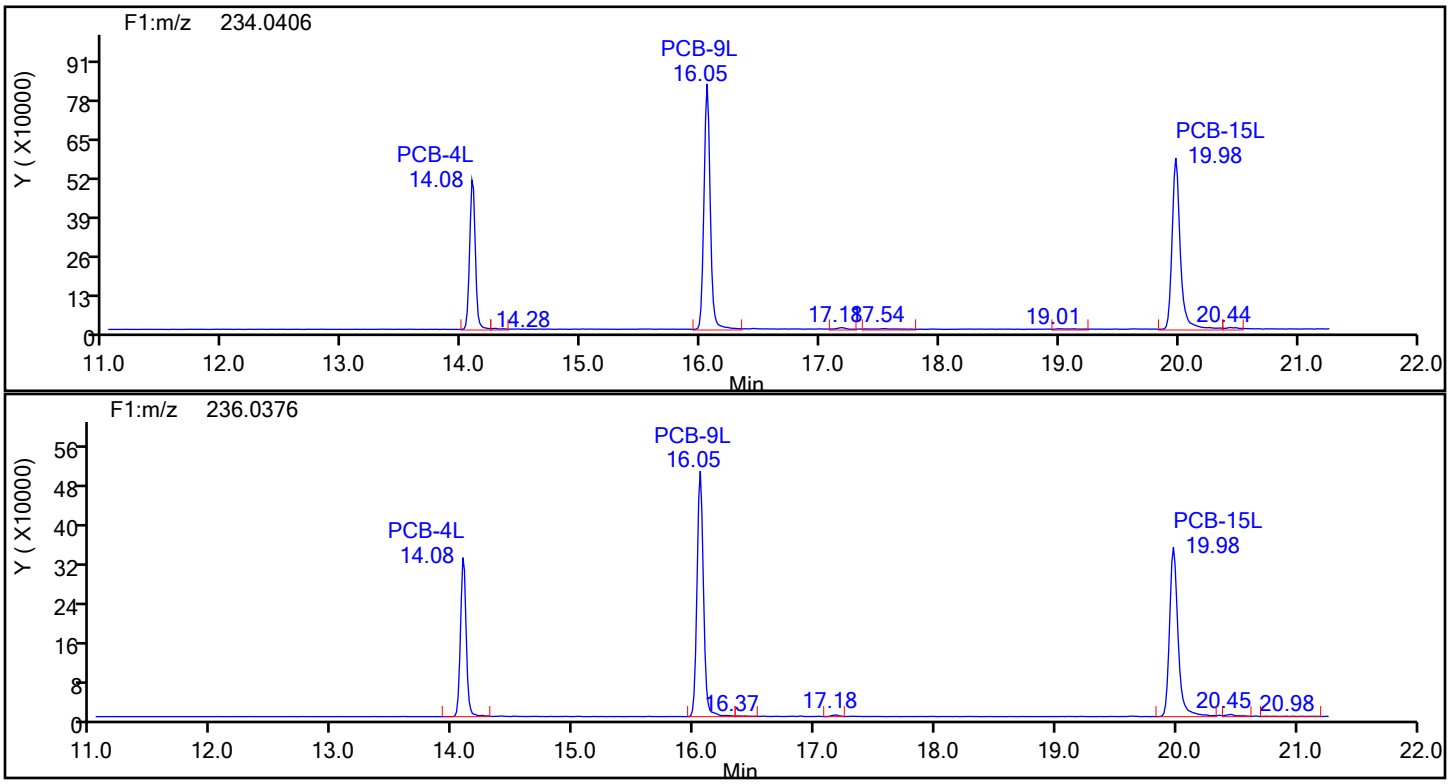
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards

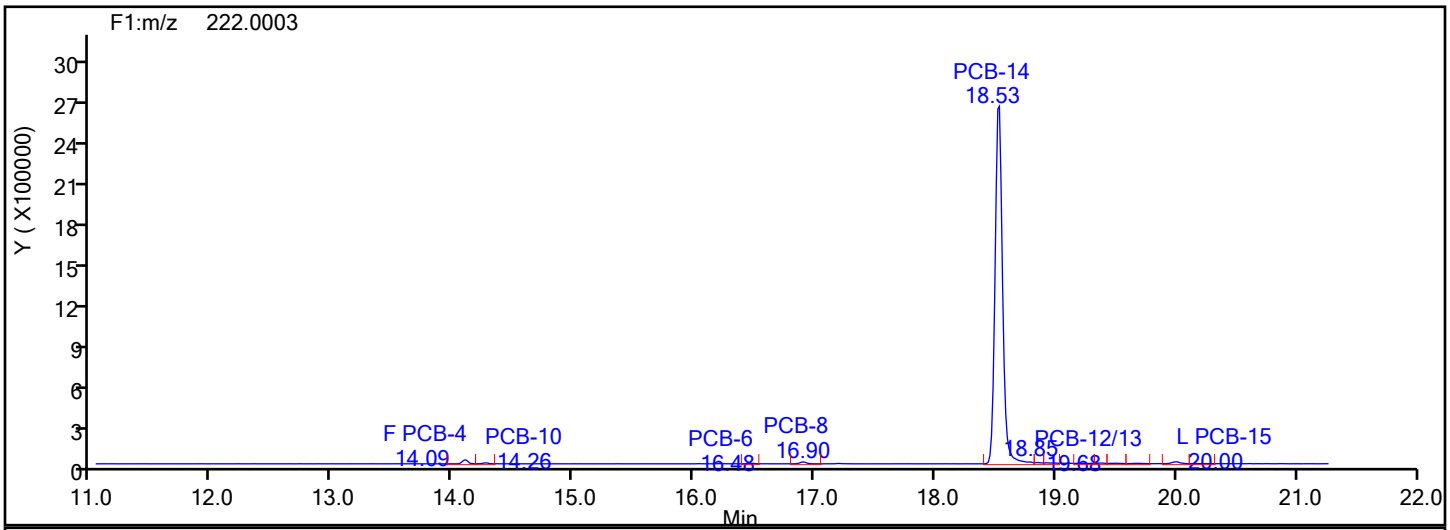


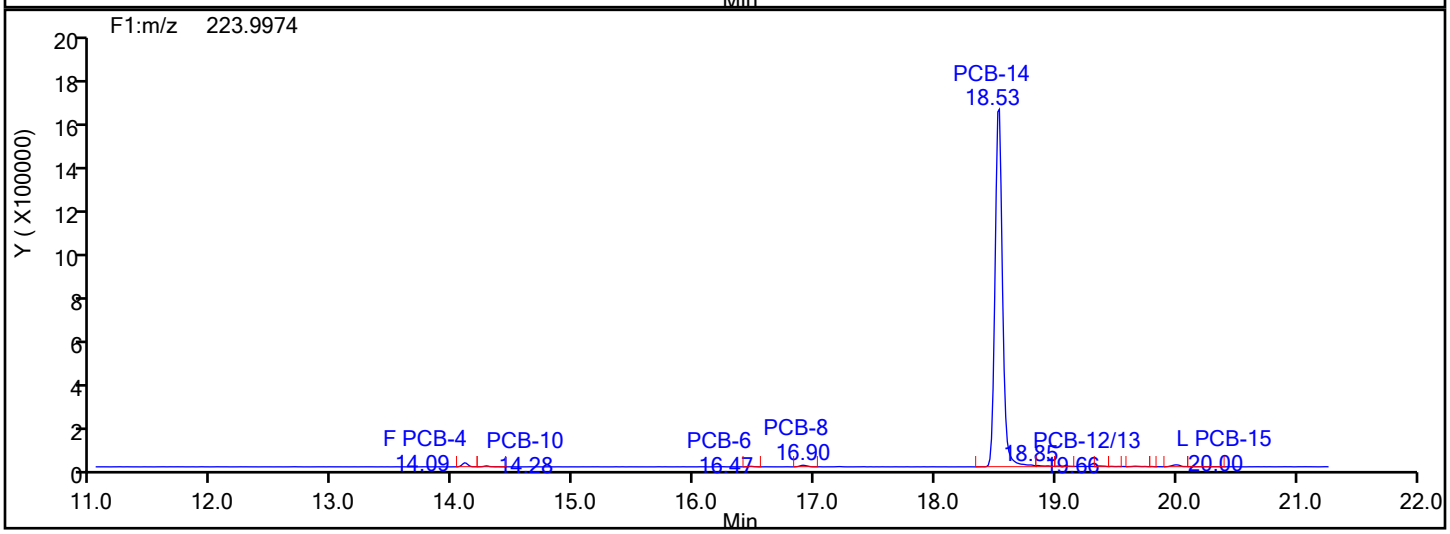
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

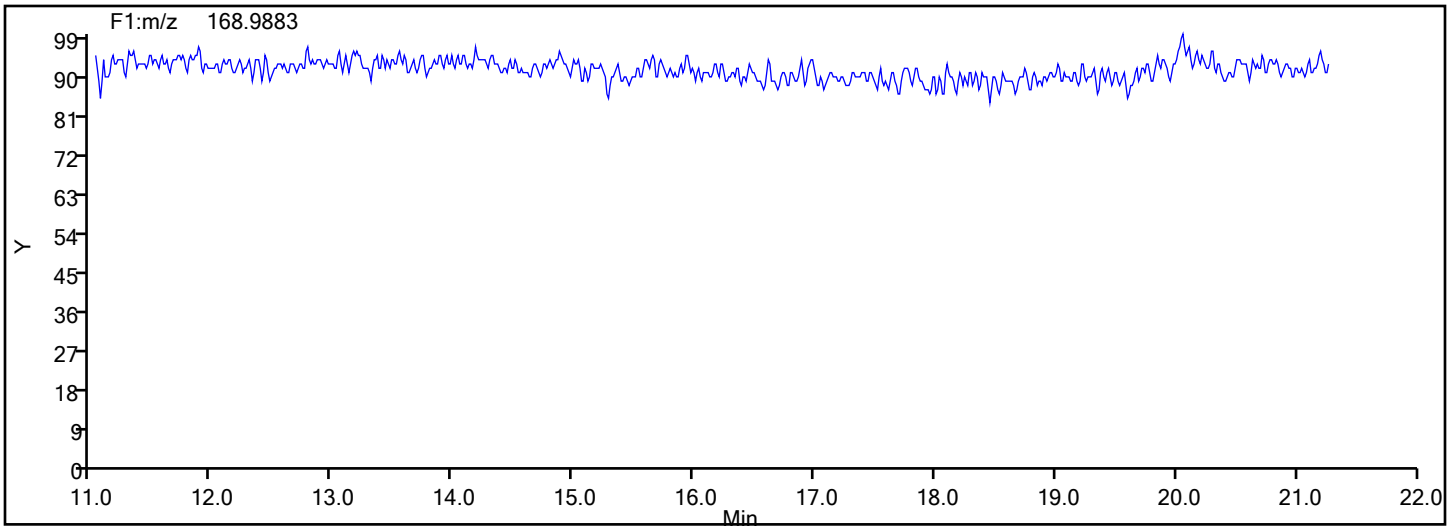
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

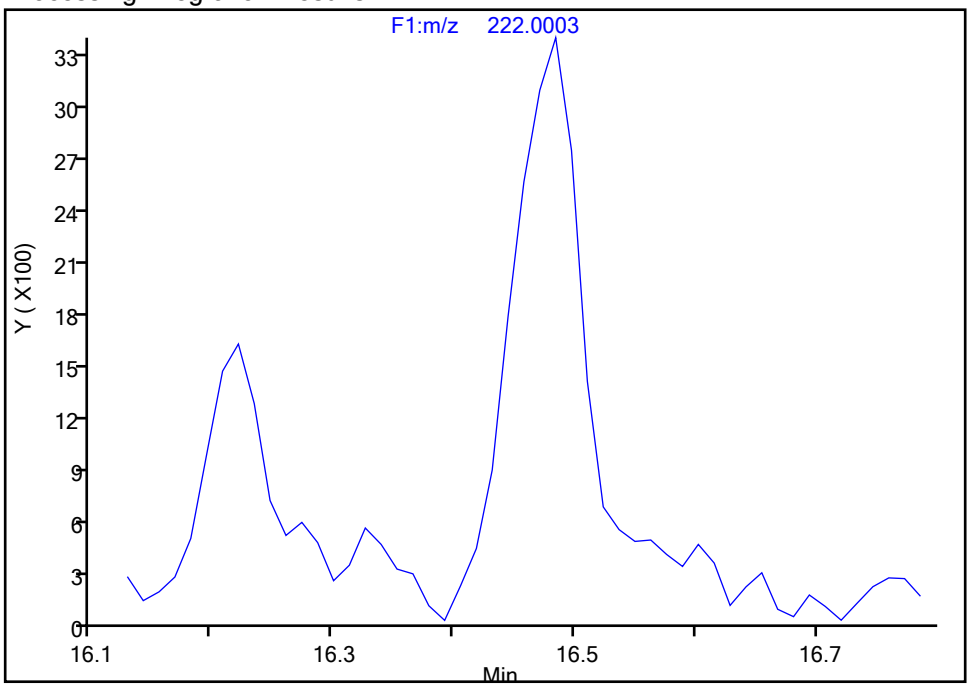
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-6, CAS: 25569-80-6

Signal: 1

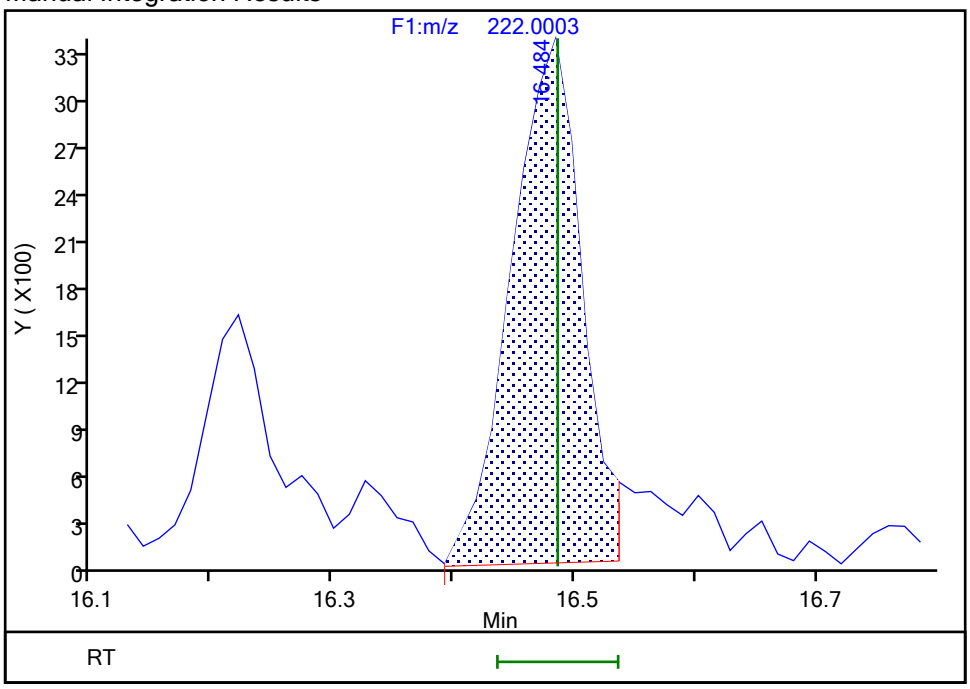
Not Detected
Expected RT: 16.49

Processing Integration Results



Manual Integration Results

RT: 16.48
Area: 13260
Amount: 0.395939
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:22:30 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

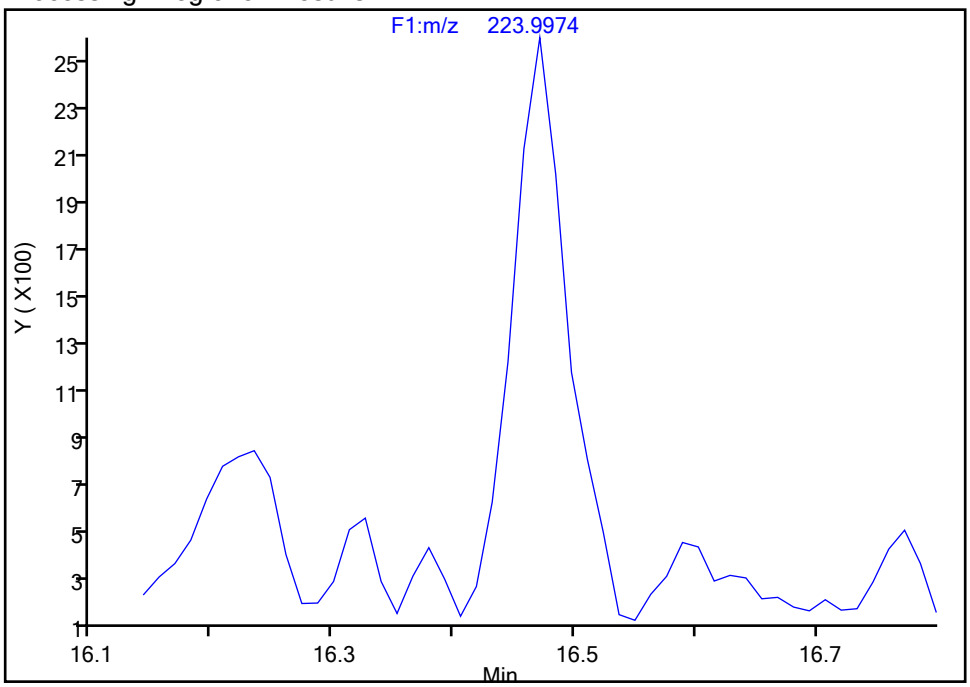
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-6, CAS: 25569-80-6

Signal: 2

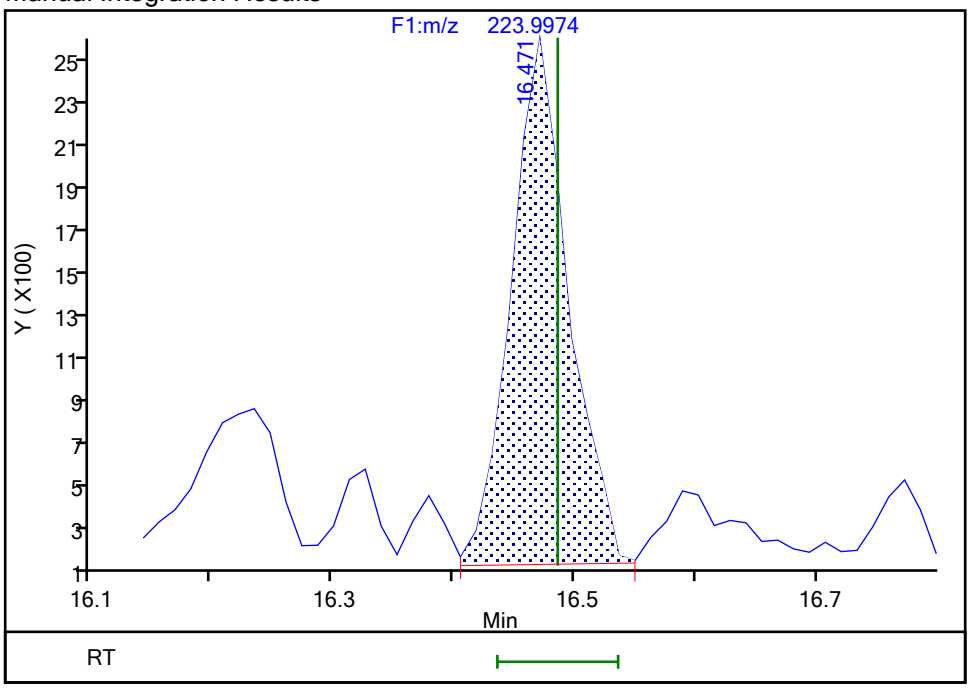
Not Detected
Expected RT: 16.49

Processing Integration Results



Manual Integration Results

RT: 16.47
Area: 8174
Amount: 0.395939
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:22:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

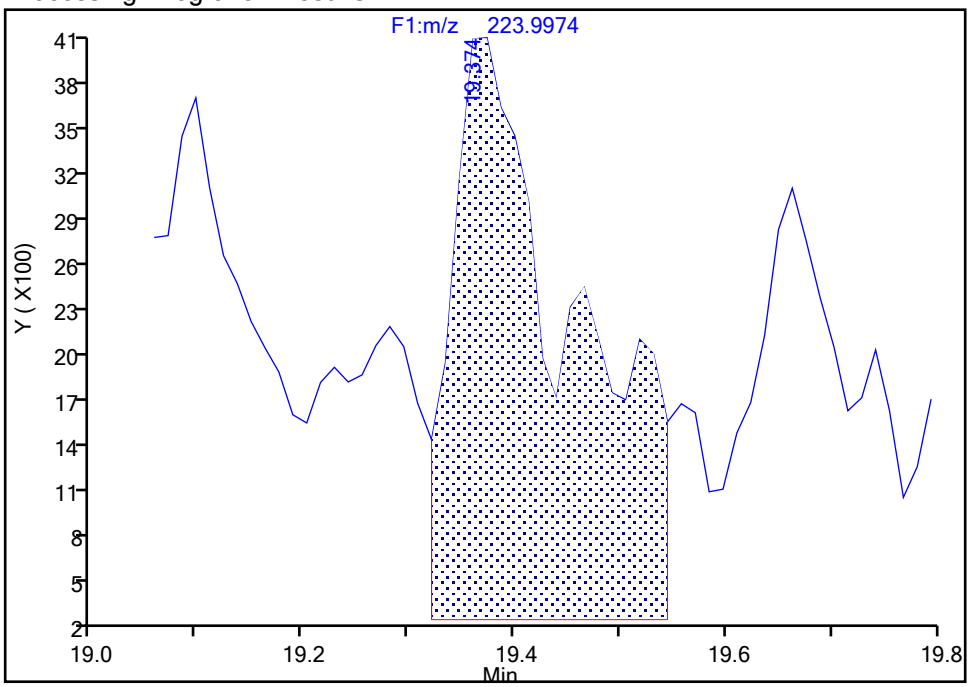
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 2

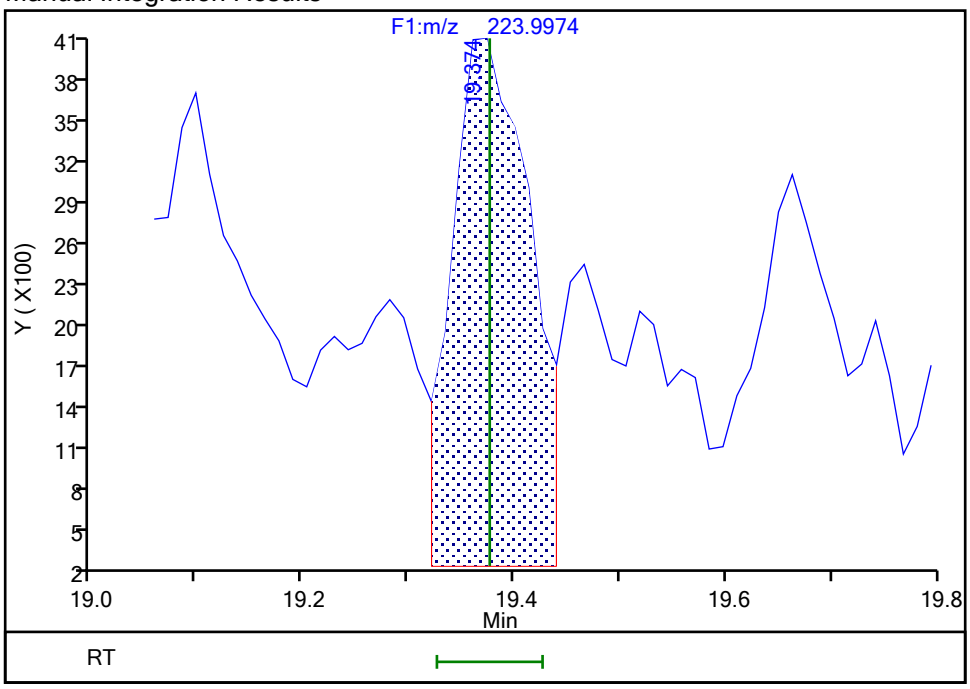
Processing Integration Results

RT: 19.37
Area: 29923
Amount: 1.733804
Amount Units: pg/ul



Manual Integration Results

RT: 19.37
Area: 19049
Amount: 0.922901
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:01 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

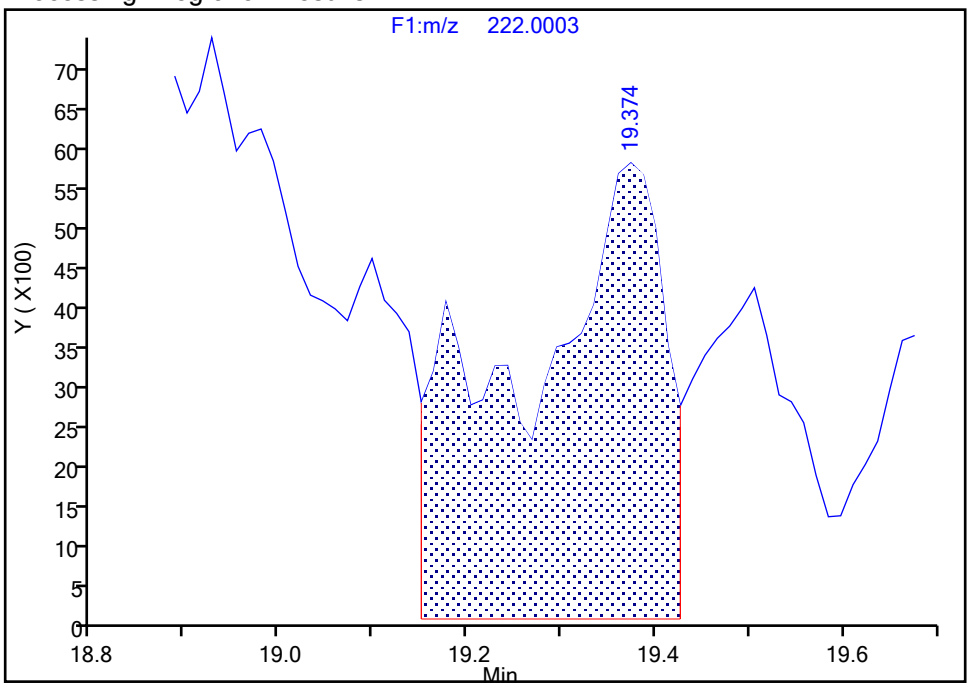
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 1

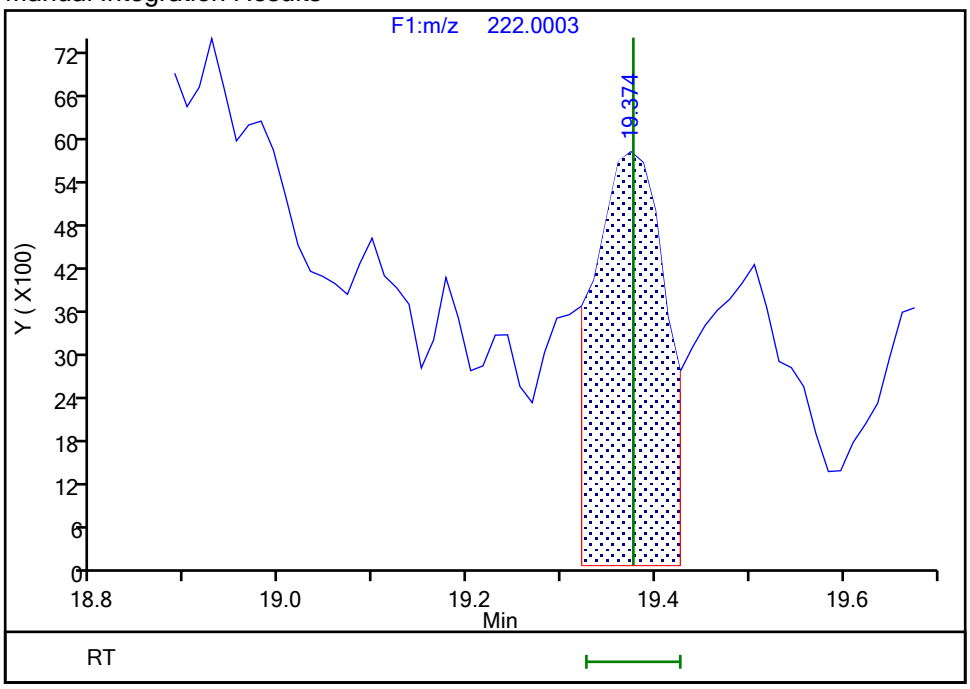
Processing Integration Results

RT: 19.37
Area: 60530
Amount: 1.733804
Amount Units: pg/ul



Manual Integration Results

RT: 19.37
Area: 29099
Amount: 0.922901
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:04 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

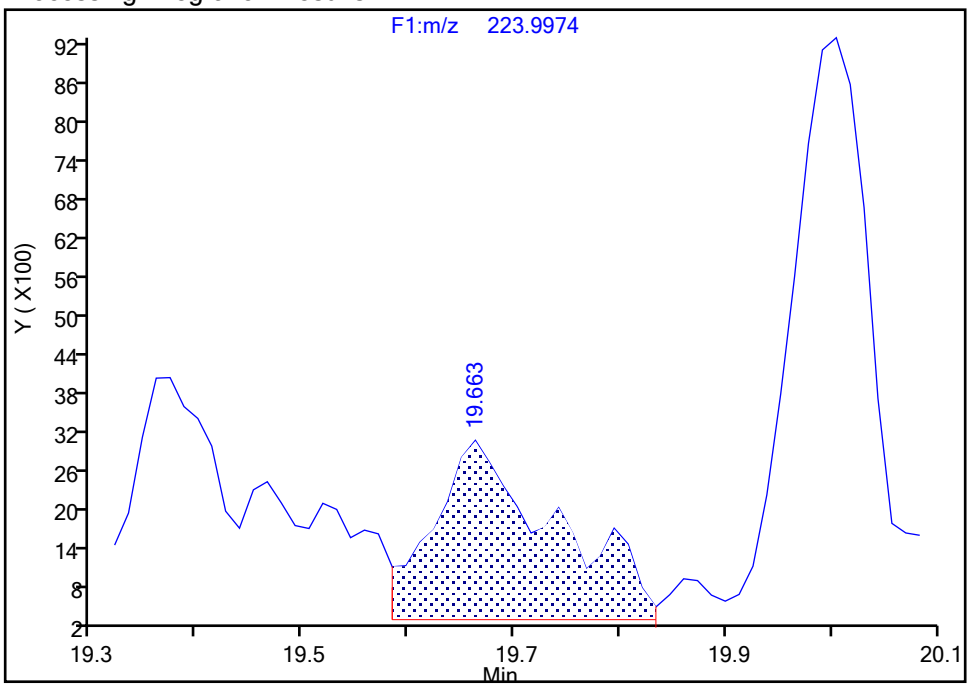
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-12/13, CAS: STL01797

Signal: 2

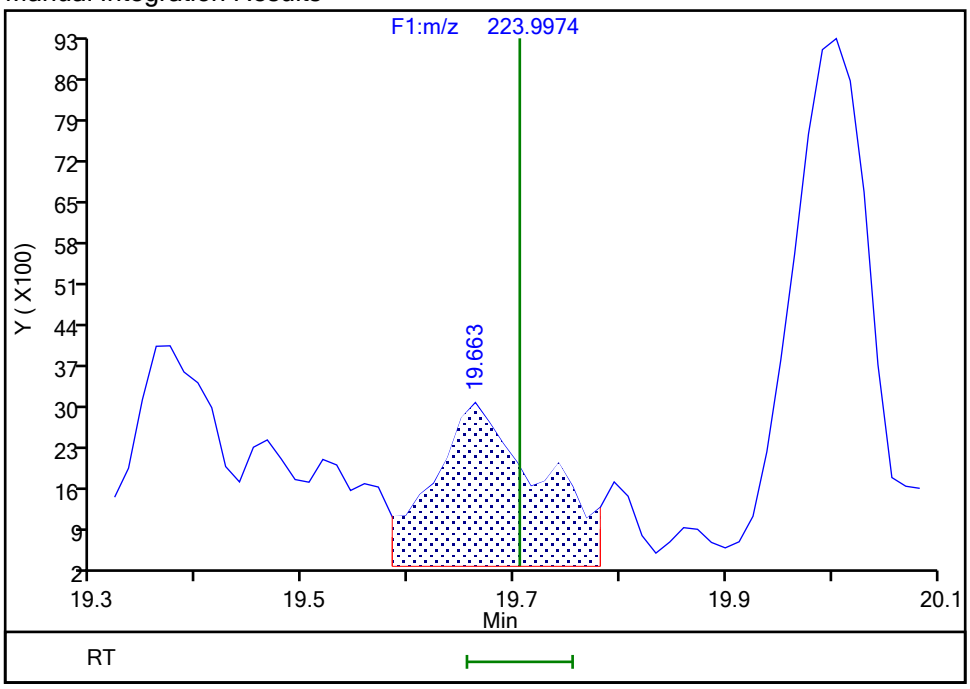
Processing Integration Results

RT: 19.66
Area: 22276
Amount: 1.049734
Amount Units: pg/ul



Manual Integration Results

RT: 19.66
Area: 19336
Amount: 0.987038
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:09 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

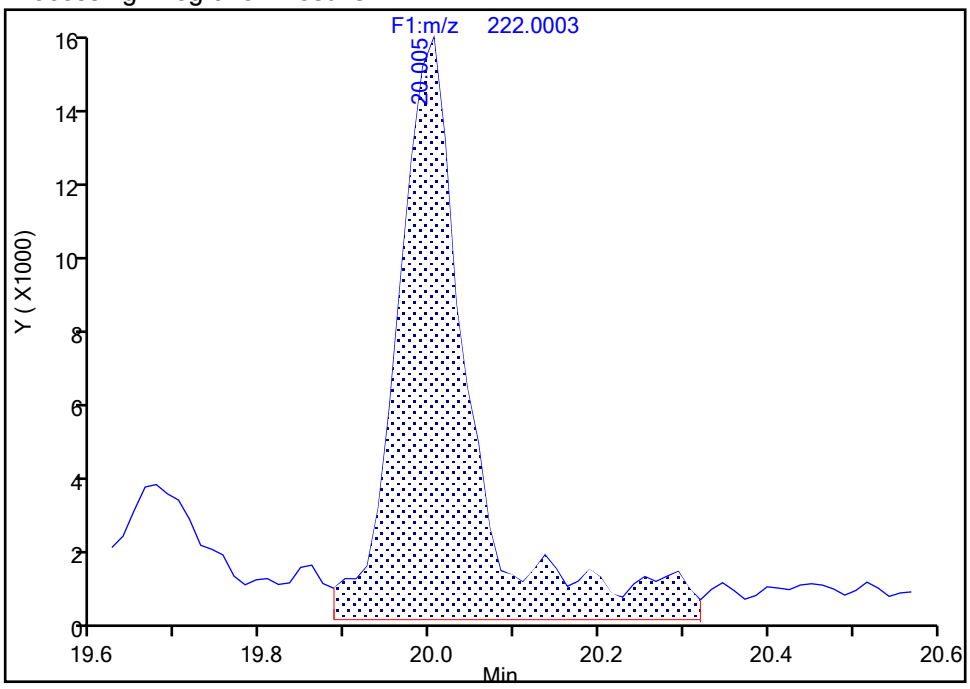
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-15, CAS: 2050-68-2

Signal: 1

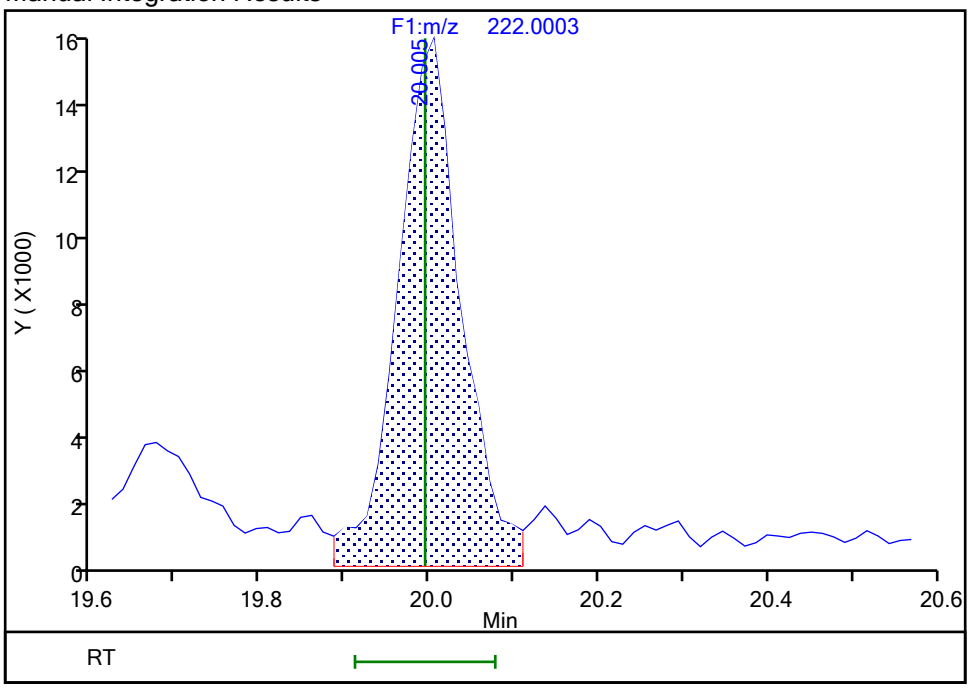
Processing Integration Results

RT: 20.00
Area: 90286
Amount: 2.905458
Amount Units: pg/ul



Manual Integration Results

RT: 20.00
Area: 77086
Amount: 2.442344
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:13 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

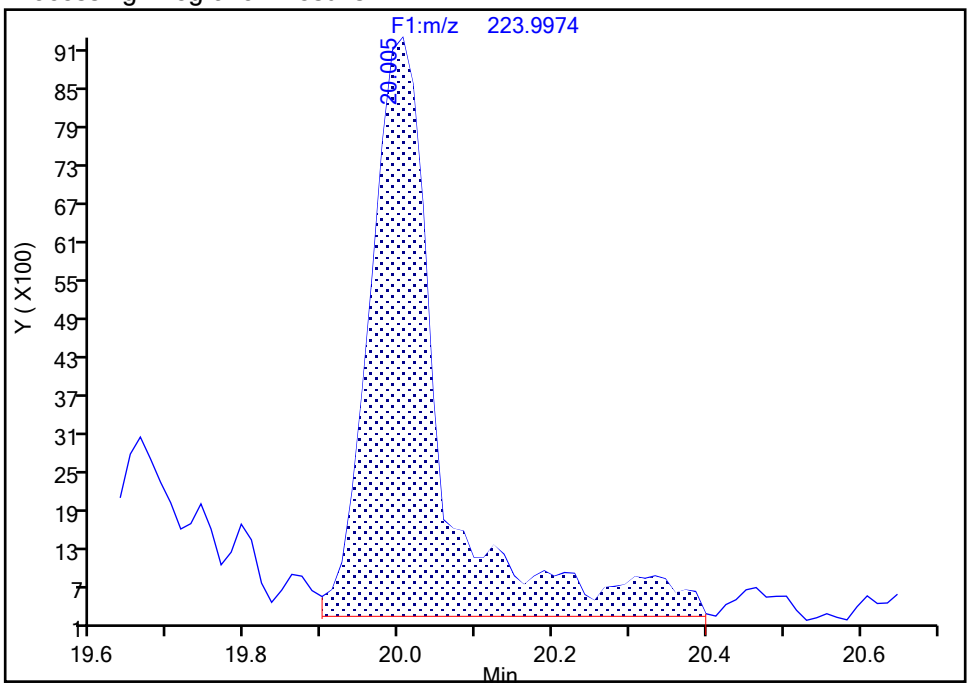
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-15, CAS: 2050-68-2

Signal: 2

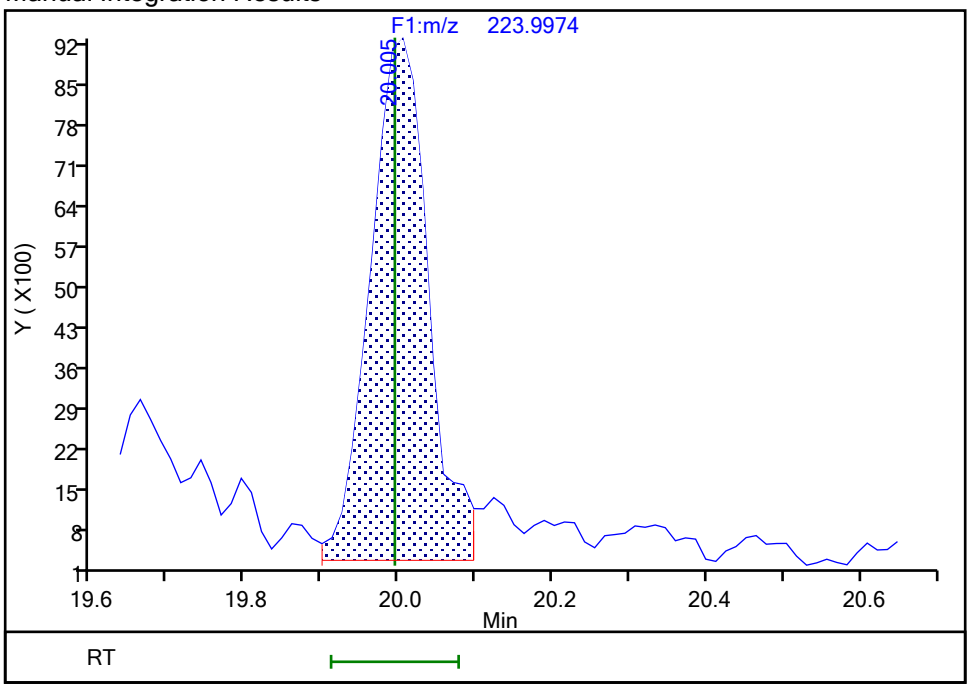
Processing Integration Results

RT: 20.00
Area: 58000
Amount: 2.905458
Amount Units: pg/ul



Manual Integration Results

RT: 20.00
Area: 47564
Amount: 2.442344
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:15 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

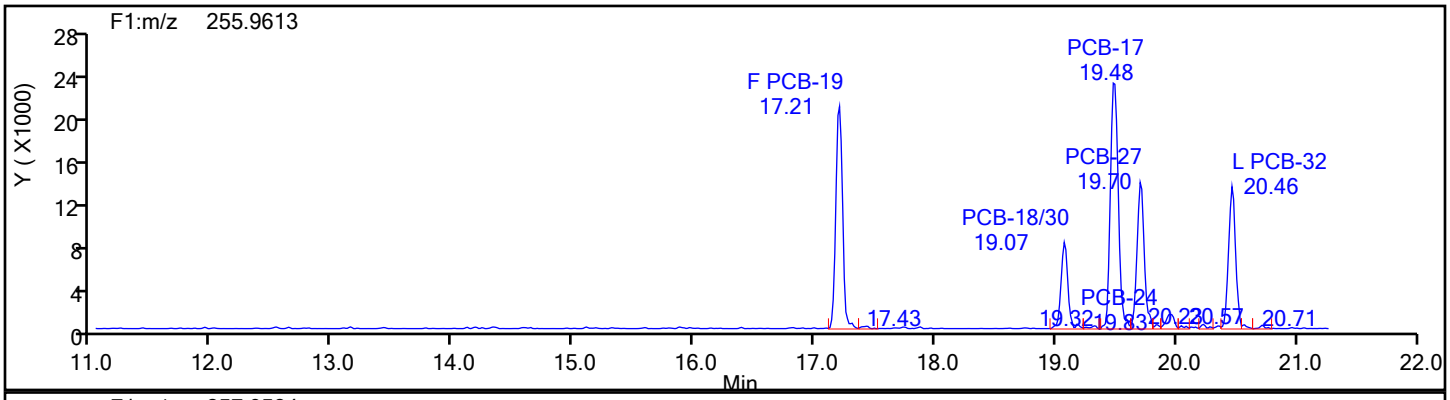
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

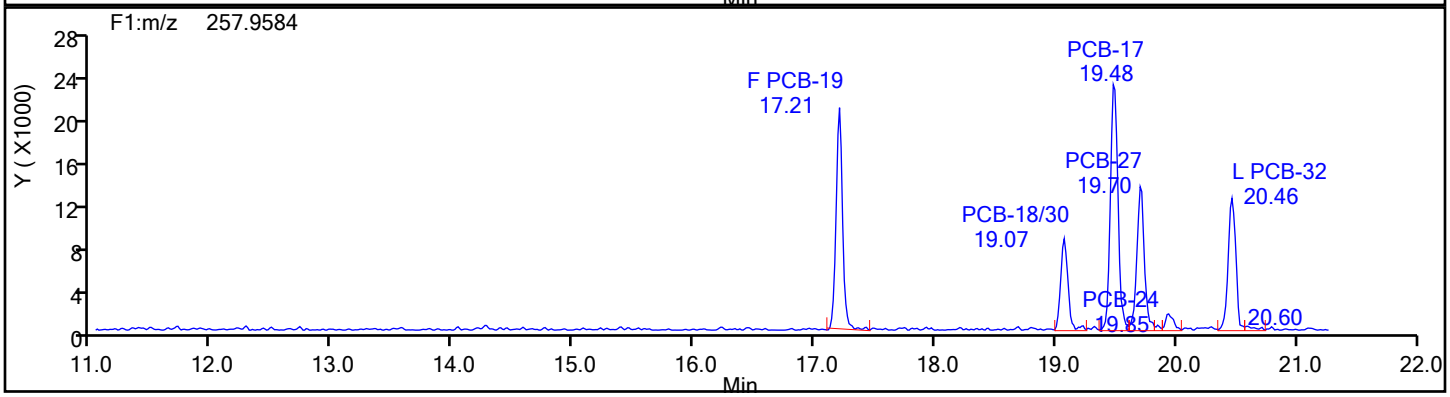
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

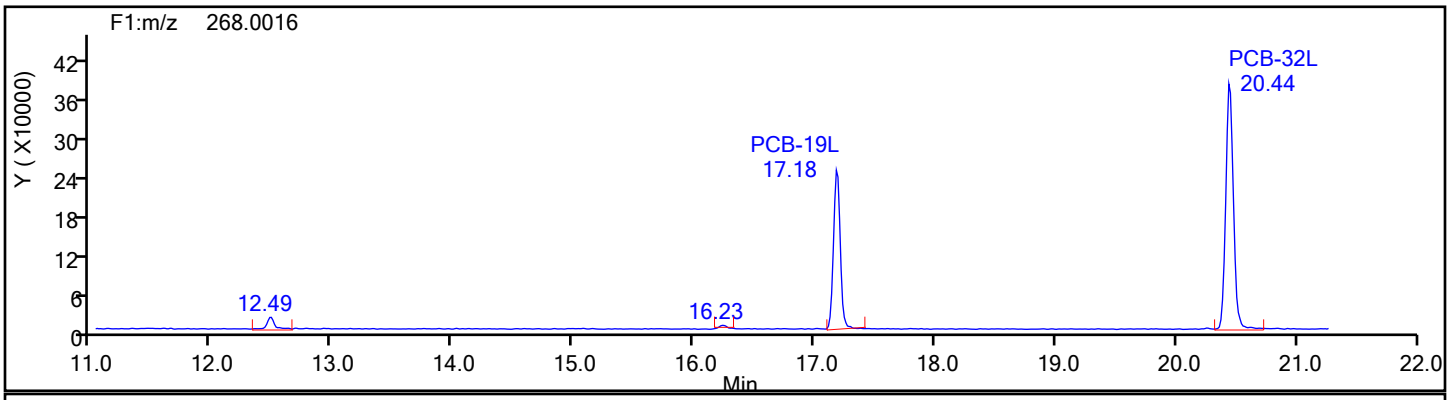
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

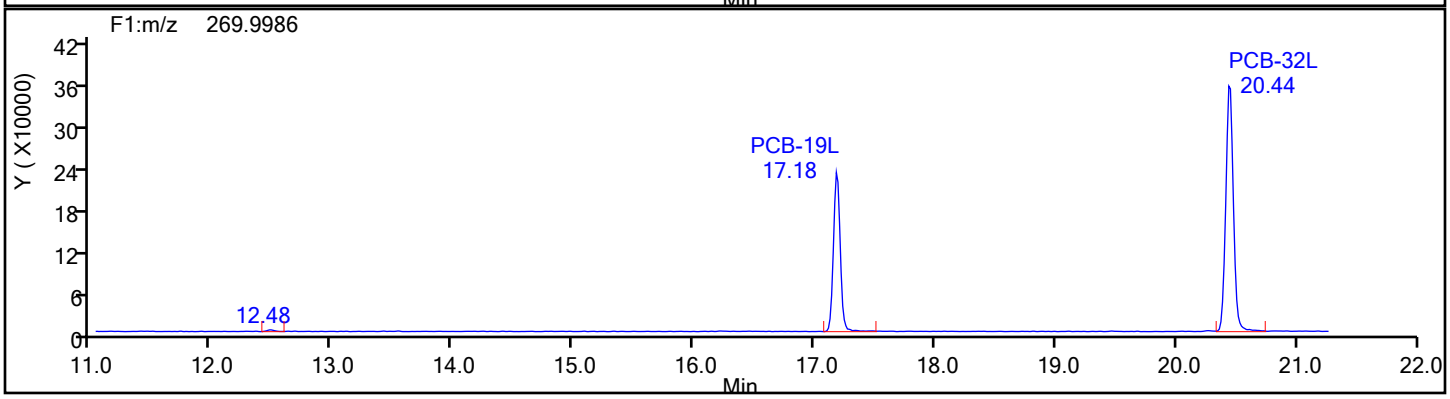
TriPCB F1





TriPCB F1 Standards



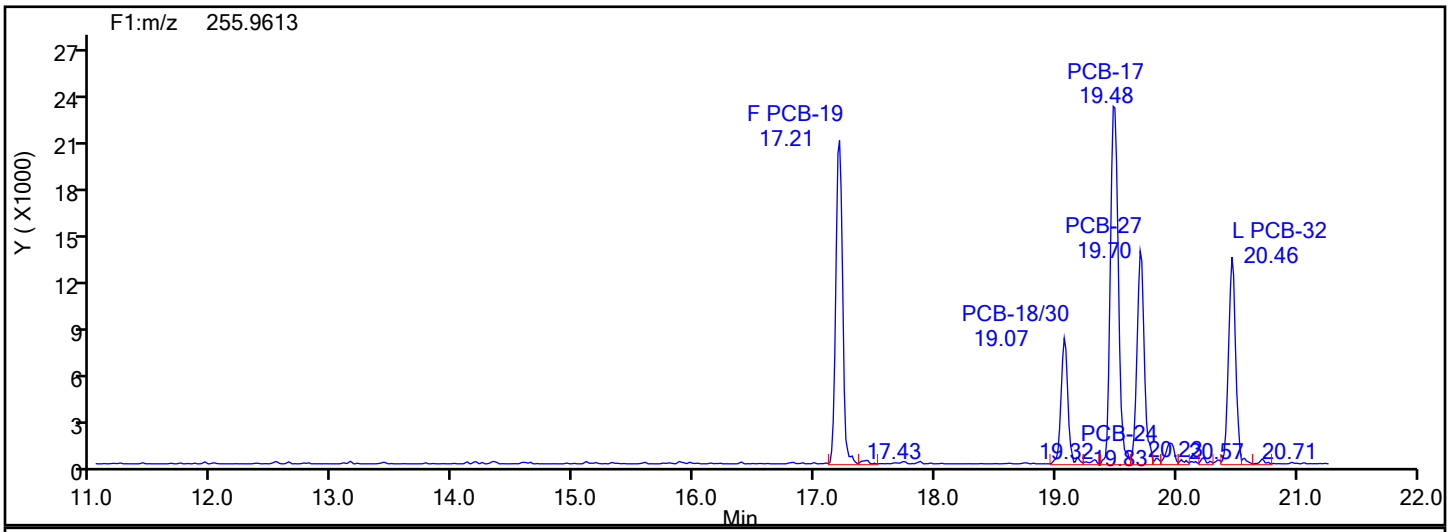


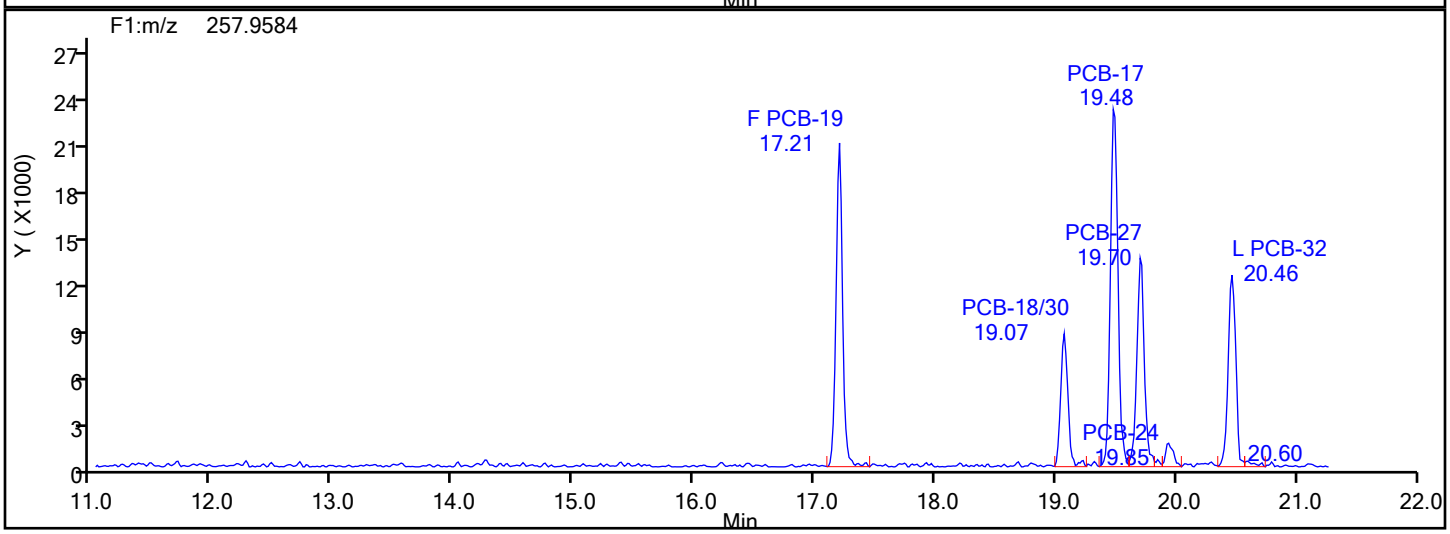
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

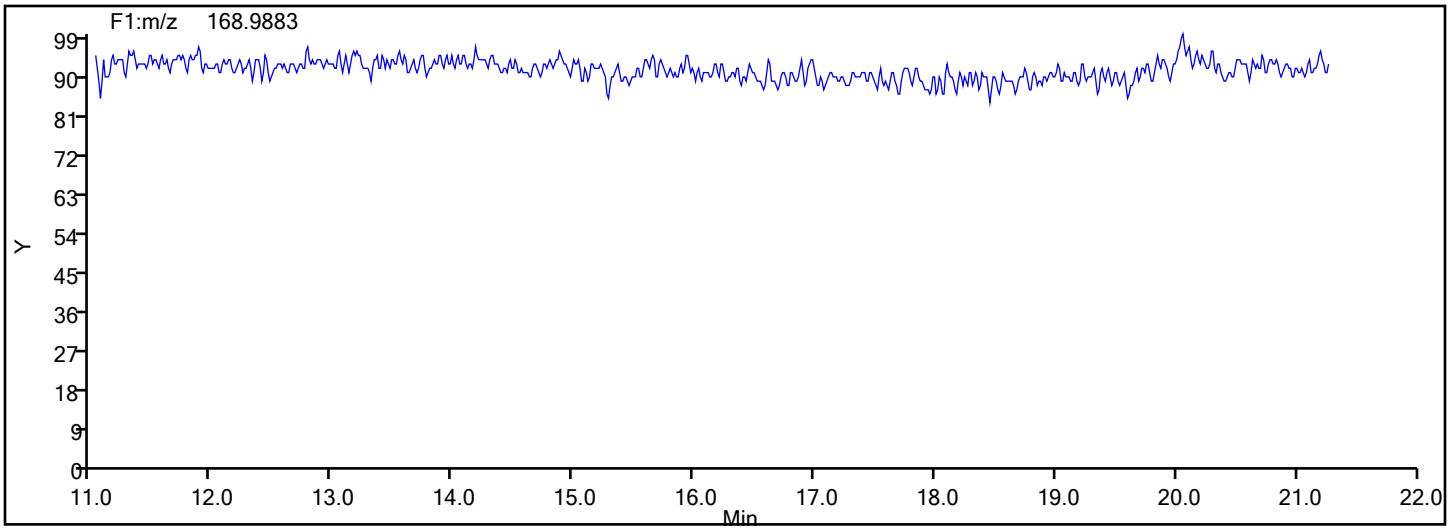
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

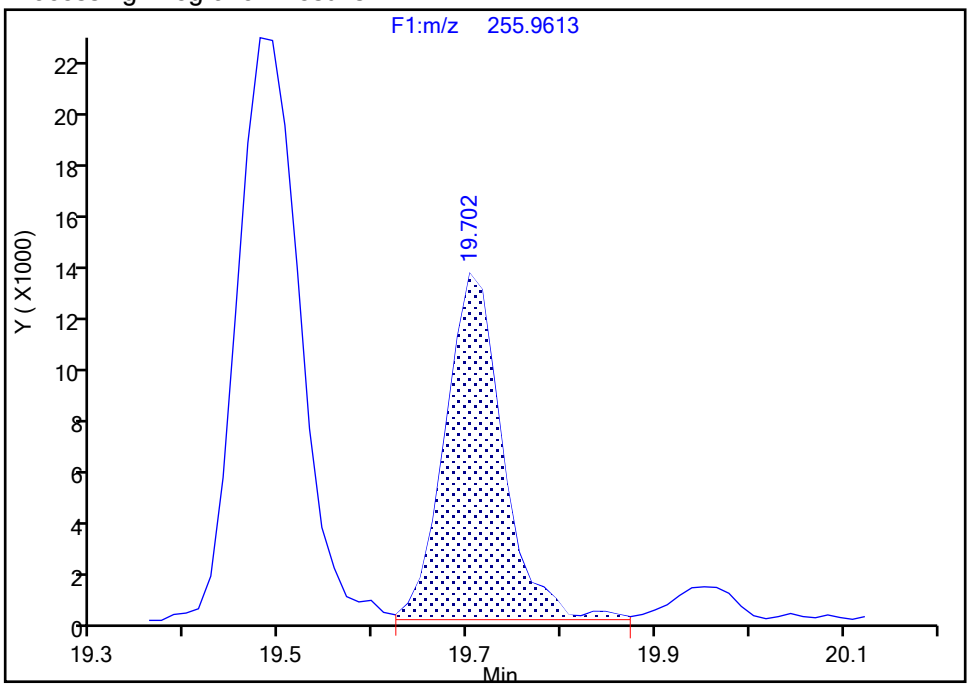
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-27, CAS: 38444-76-7

Signal: 1

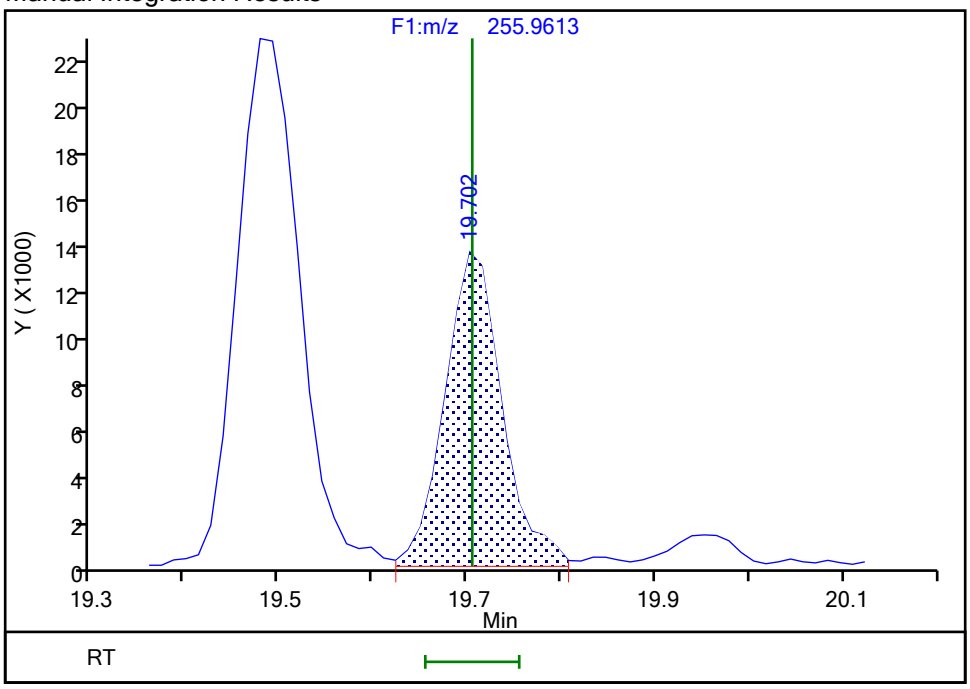
Processing Integration Results

RT: 19.70
Area: 57827
Amount: 3.677762
Amount Units: pg/ul



Manual Integration Results

RT: 19.70
Area: 56844
Amount: 3.611382
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:36 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

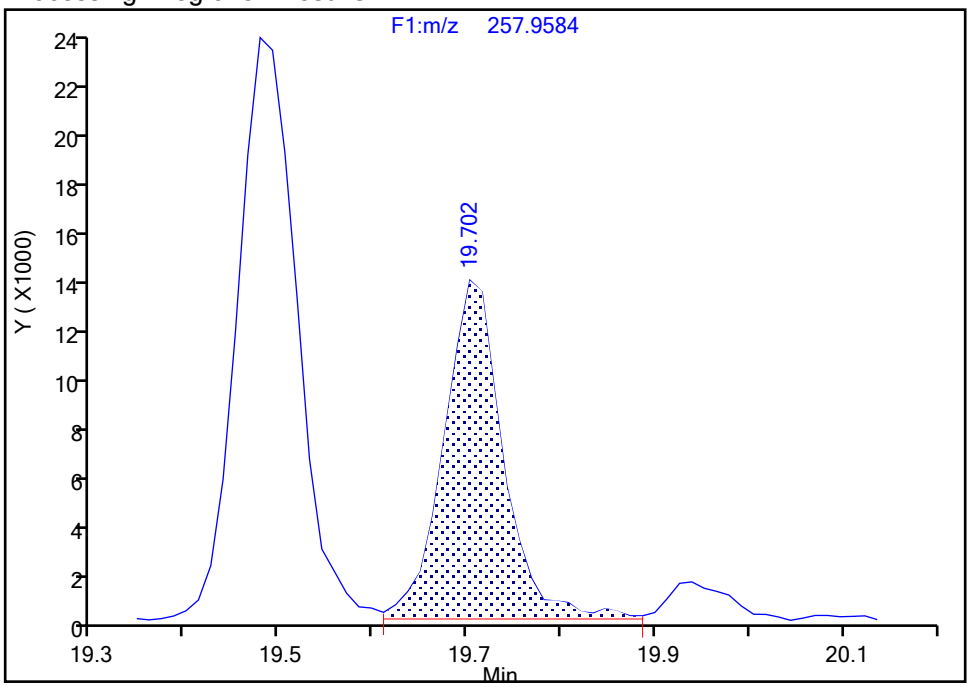
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-27, CAS: 38444-76-7

Signal: 2

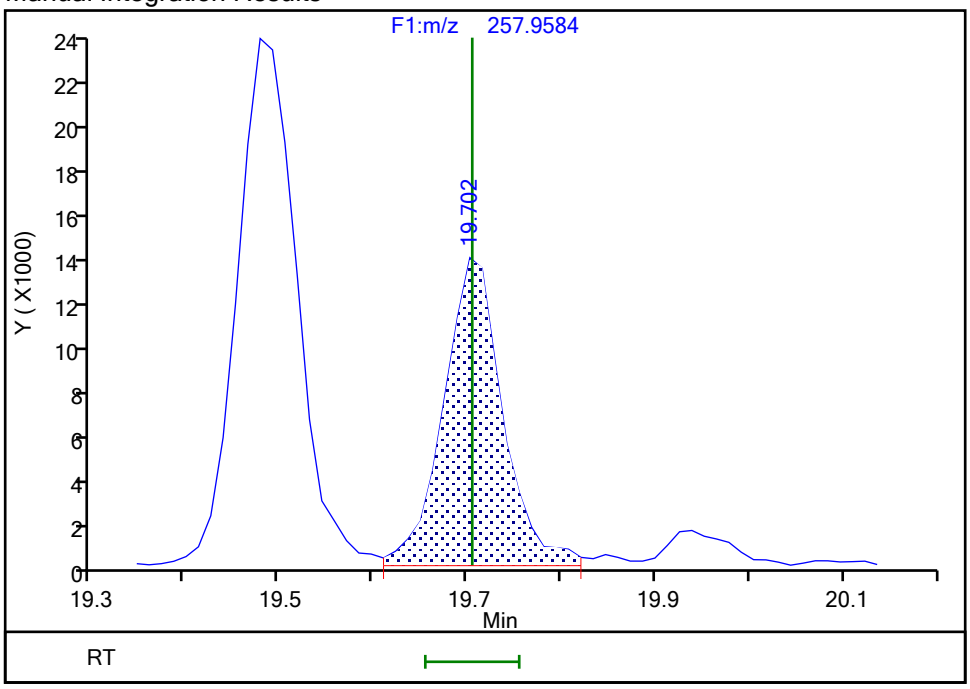
Processing Integration Results

RT: 19.70
Area: 59686
Amount: 3.677762
Amount Units: pg/ul



Manual Integration Results

RT: 19.70
Area: 58548
Amount: 3.611382
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:38 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

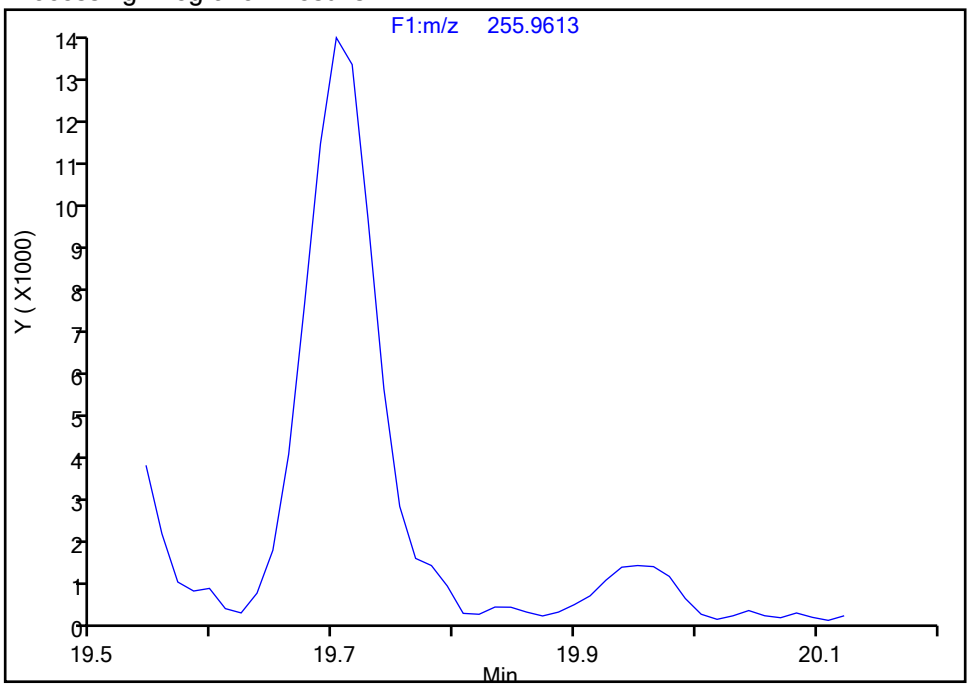
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-24, CAS: 55702-45-9

Signal: 1

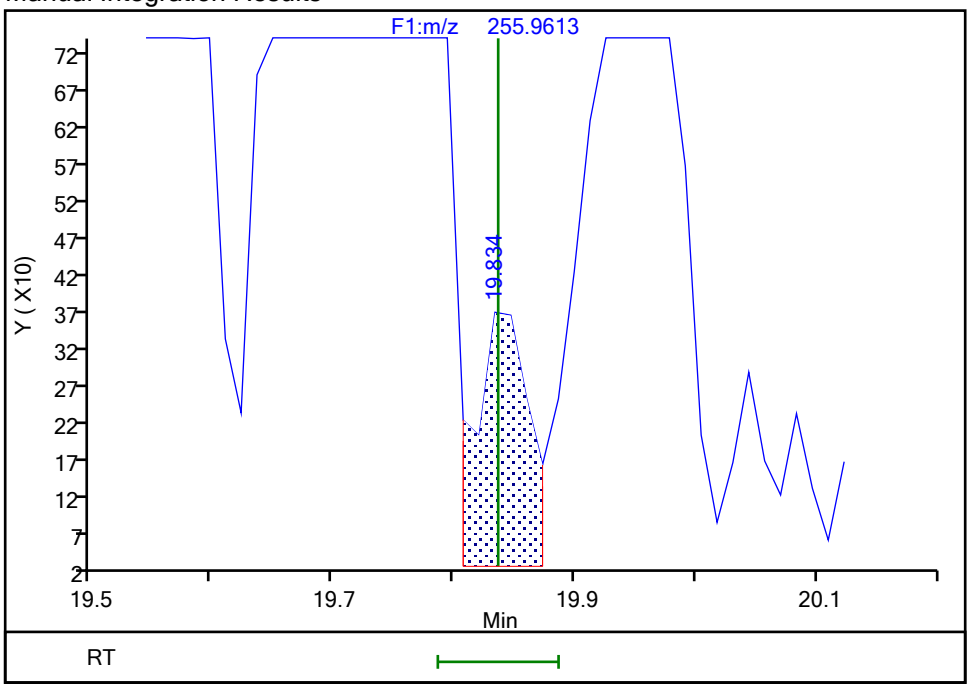
Not Detected
Expected RT: 19.84

Processing Integration Results



Manual Integration Results

RT: 19.83
Area: 982
Amount: 0.064092
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:36 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

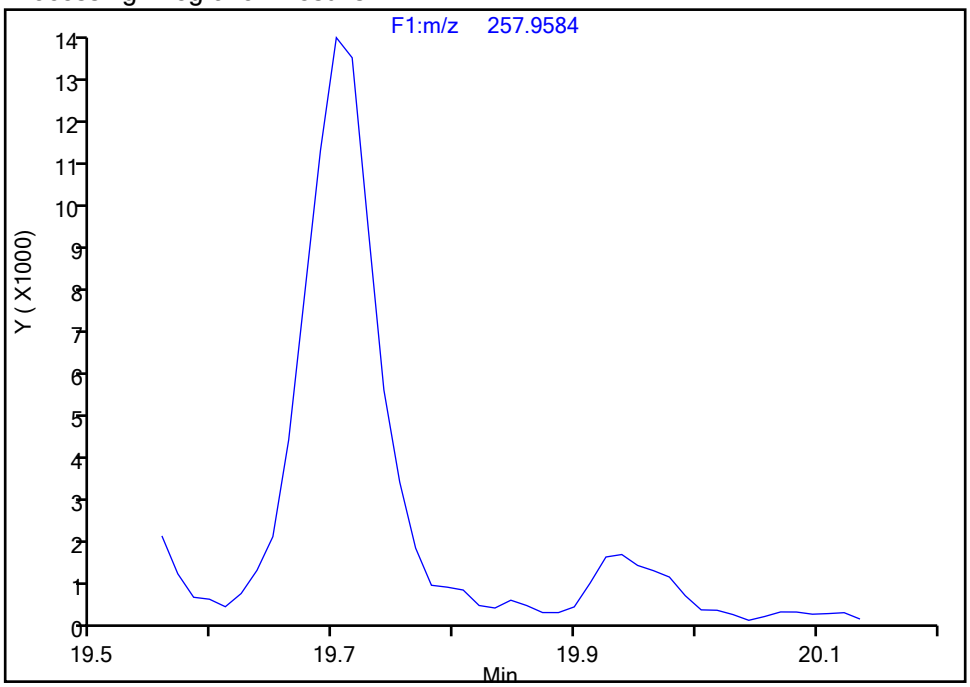
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-24, CAS: 55702-45-9

Signal: 2

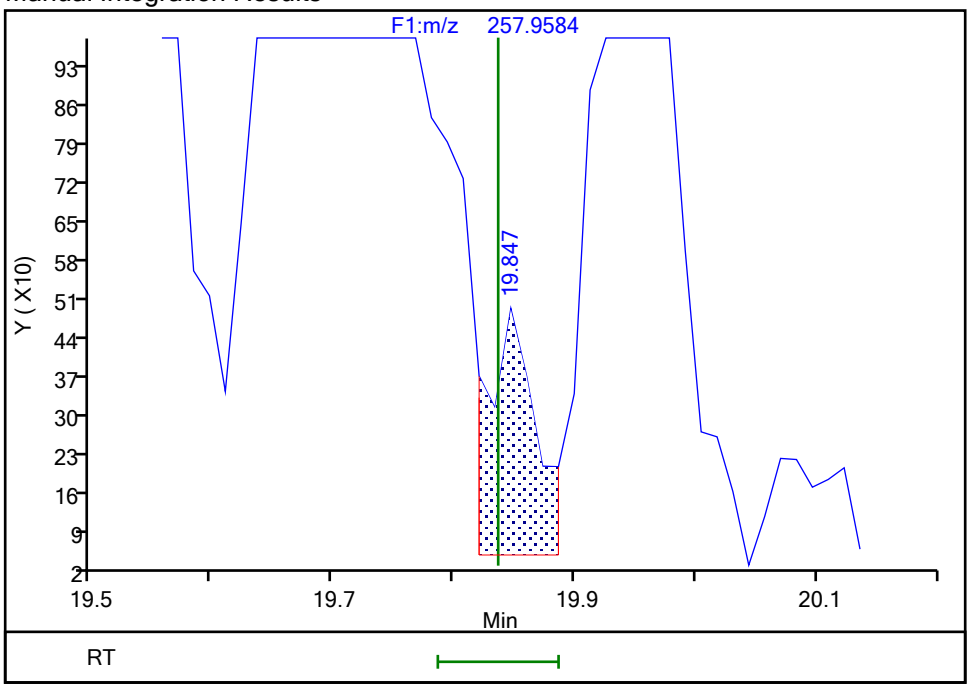
Not Detected
Expected RT: 19.84

Processing Integration Results



Manual Integration Results

RT: 19.85
Area: 1137
Amount: 0.064092
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:38 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

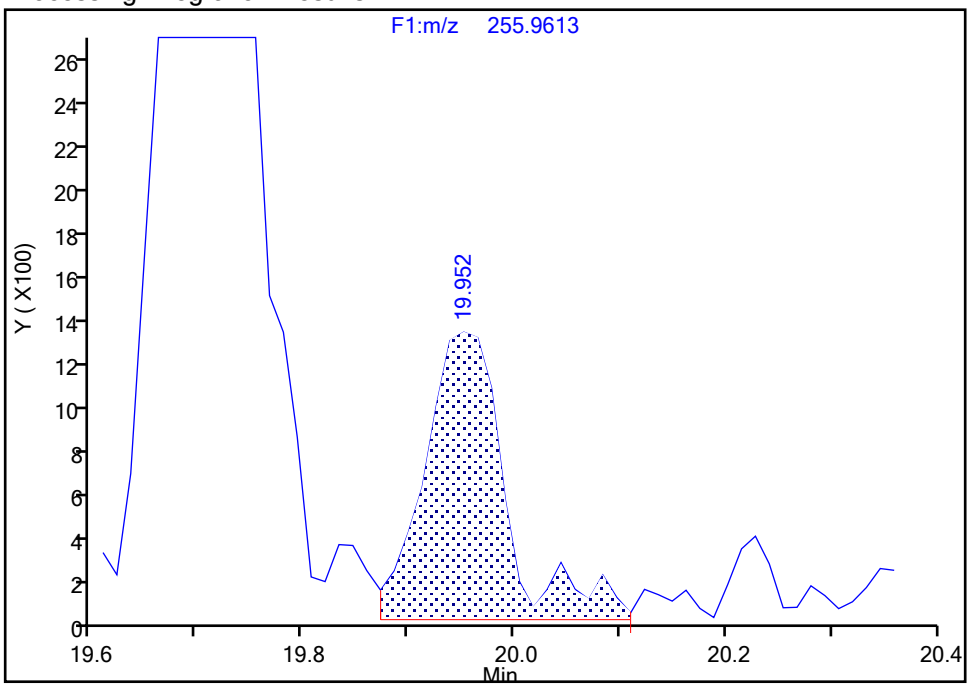
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-16, CAS: 38444-78-9

Signal: 1

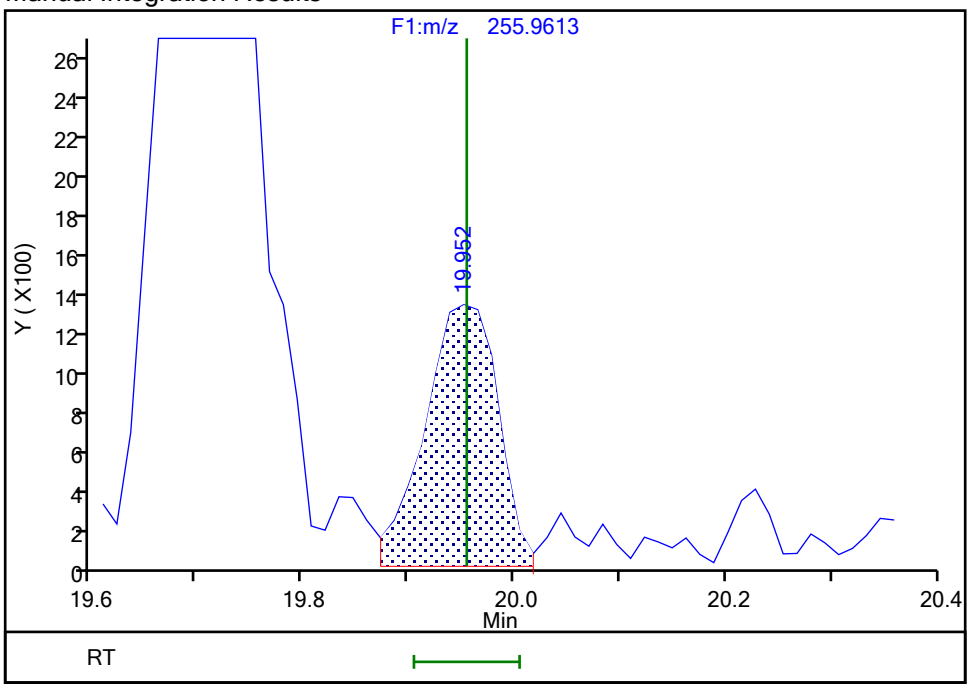
Processing Integration Results

RT: 19.95
Area: 7000
Amount: 0.620302
Amount Units: pg/ul



Manual Integration Results

RT: 19.95
Area: 6217
Amount: 0.585297
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:43 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

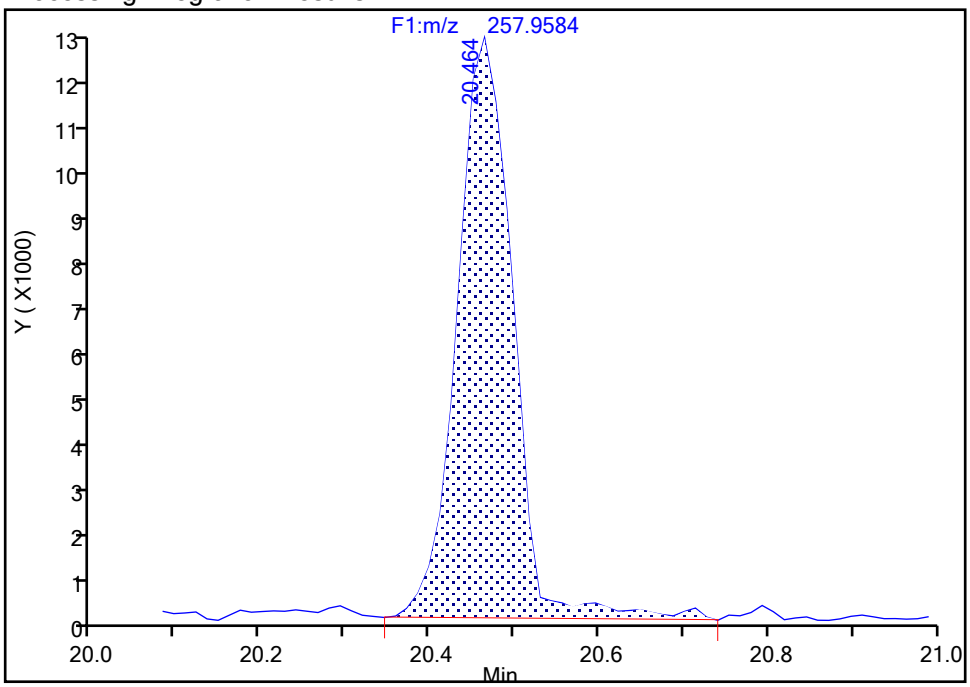
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-32, CAS: 38444-77-8

Signal: 2

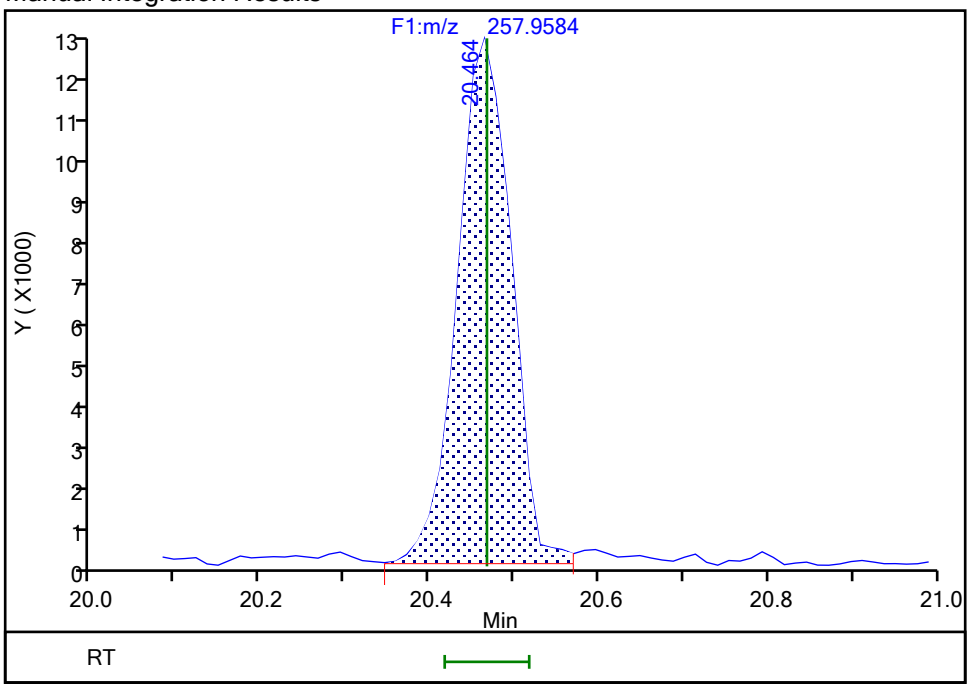
Processing Integration Results

RT: 20.46
Area: 56407
Amount: 3.014376
Amount Units: pg/ul



Manual Integration Results

RT: 20.46
Area: 54445
Amount: 2.934684
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:48 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

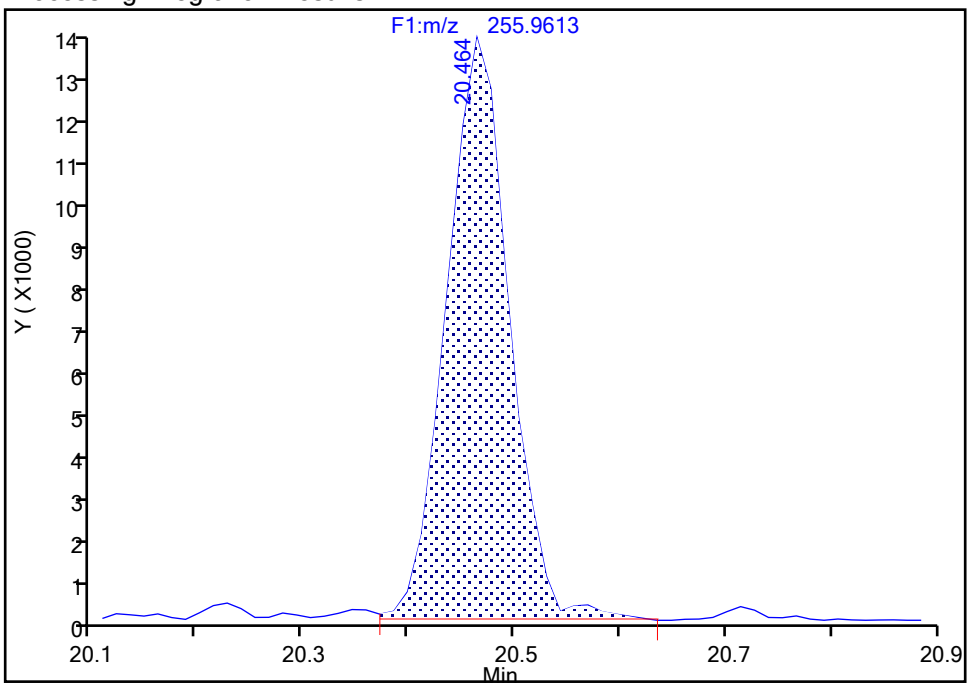
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-32, CAS: 38444-77-8

Signal: 1

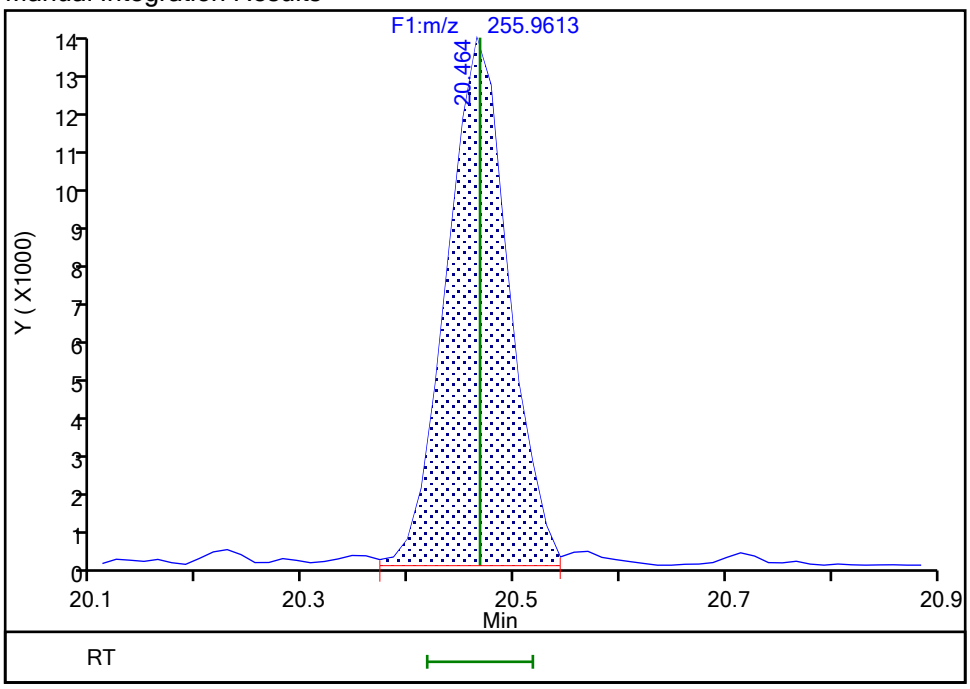
Processing Integration Results

RT: 20.46
Area: 54270
Amount: 3.014376
Amount Units: pg/ul



Manual Integration Results

RT: 20.46
Area: 53306
Amount: 2.934684
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:23:51 -05:00:00 (UTC)

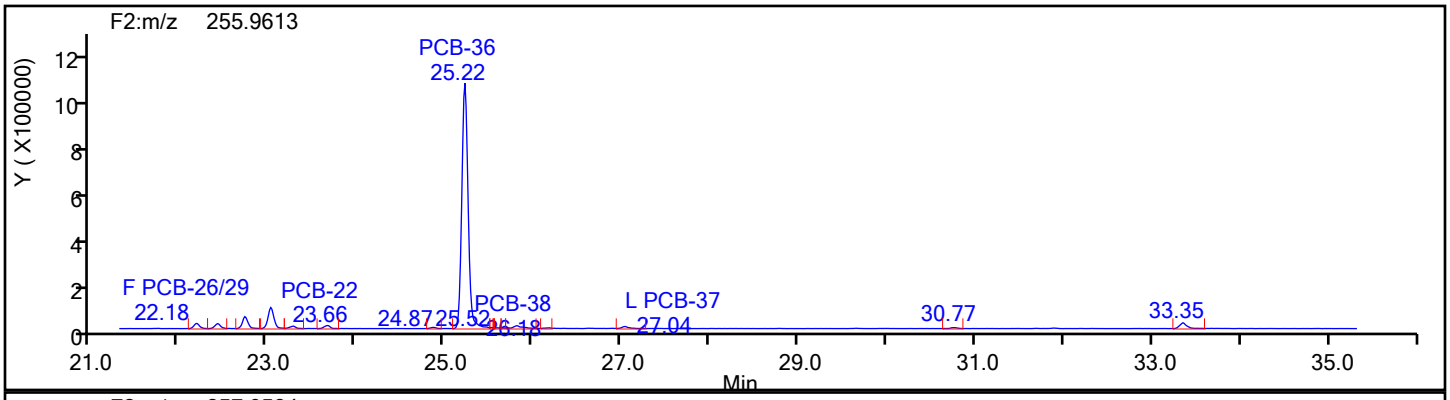
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

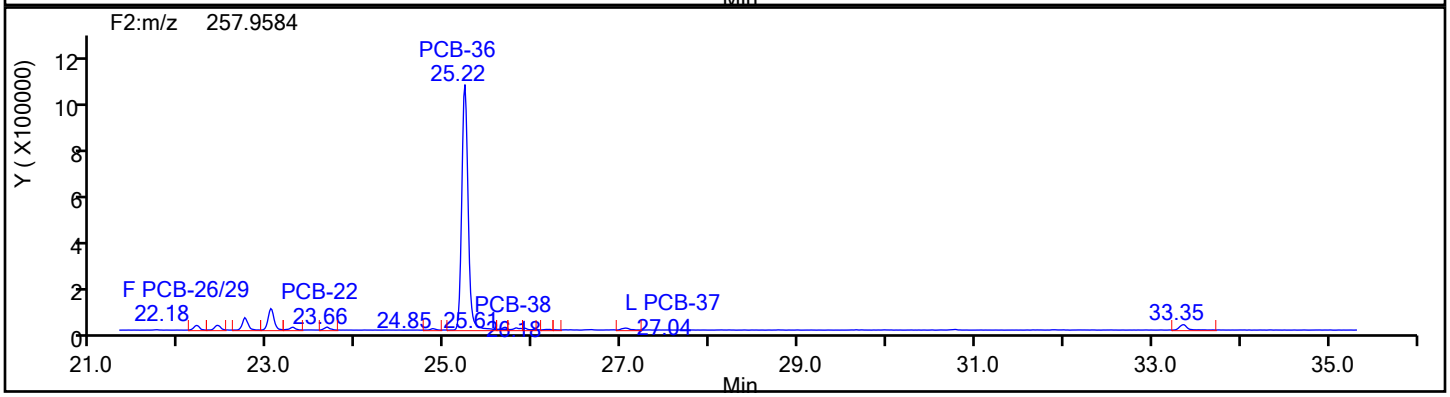
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

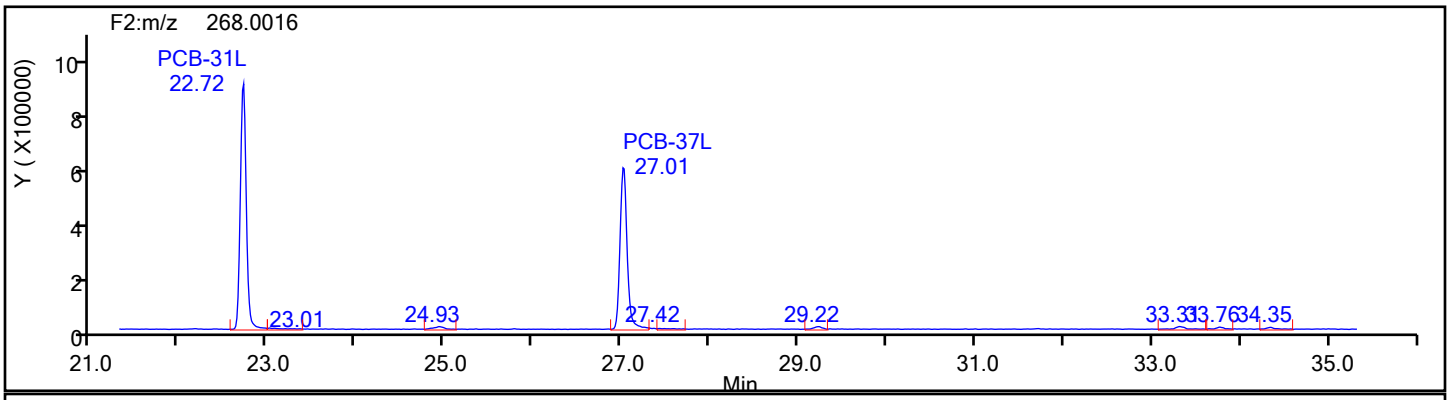
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

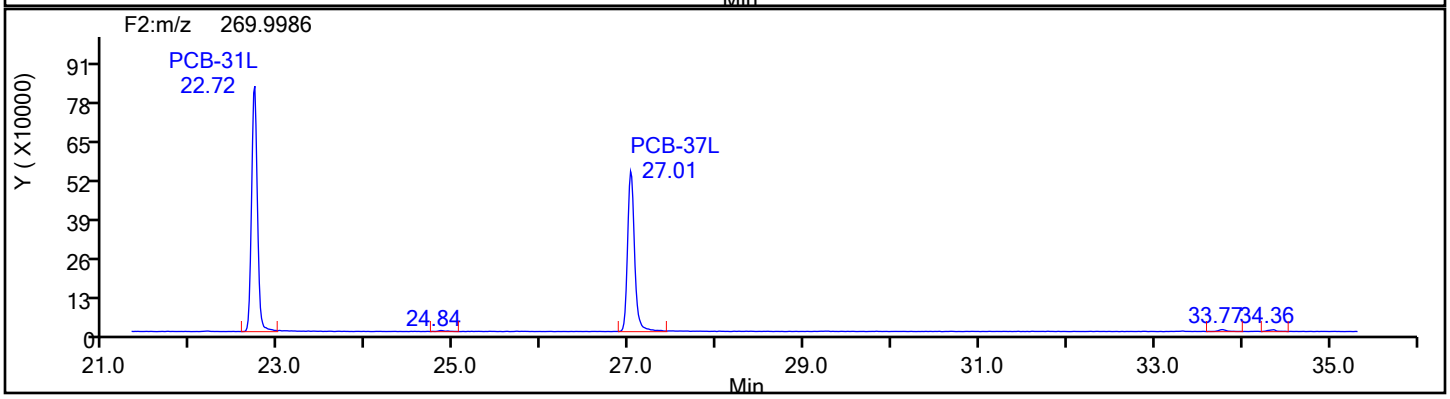
TriPCB F2





TriPCB F2 Standards



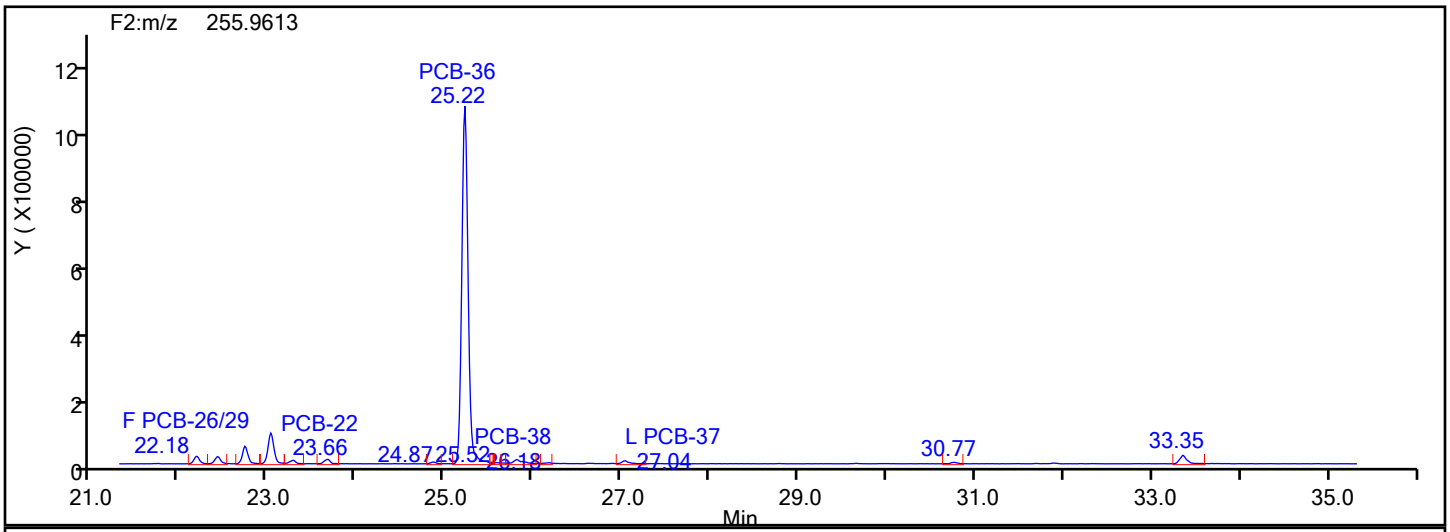


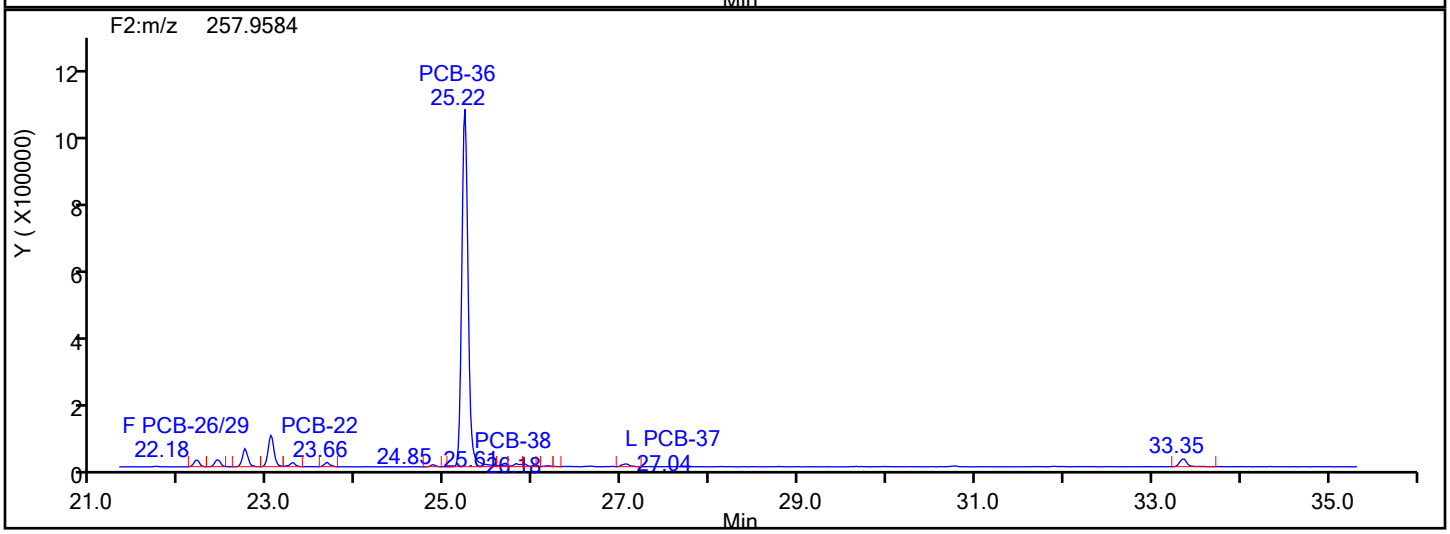
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

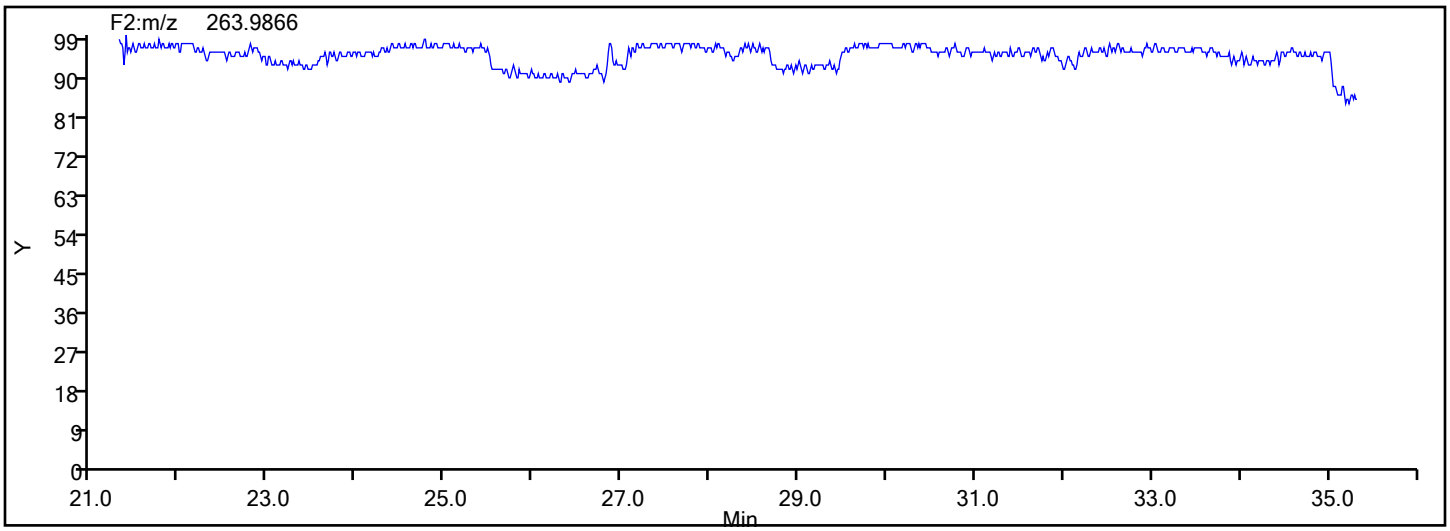
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Injection Date: 04-Jan-2024 17:05:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-03
Worklist#: 82009 Sample Line#: 9
Column Type: Column Dia:

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

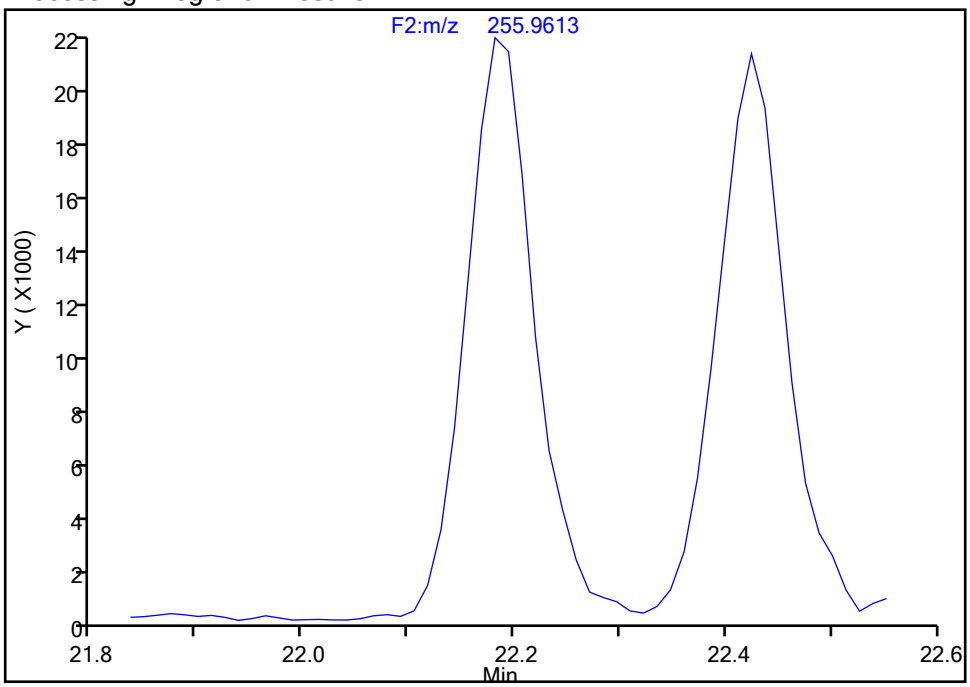
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-26/29, CAS: STL01801

Signal: 1

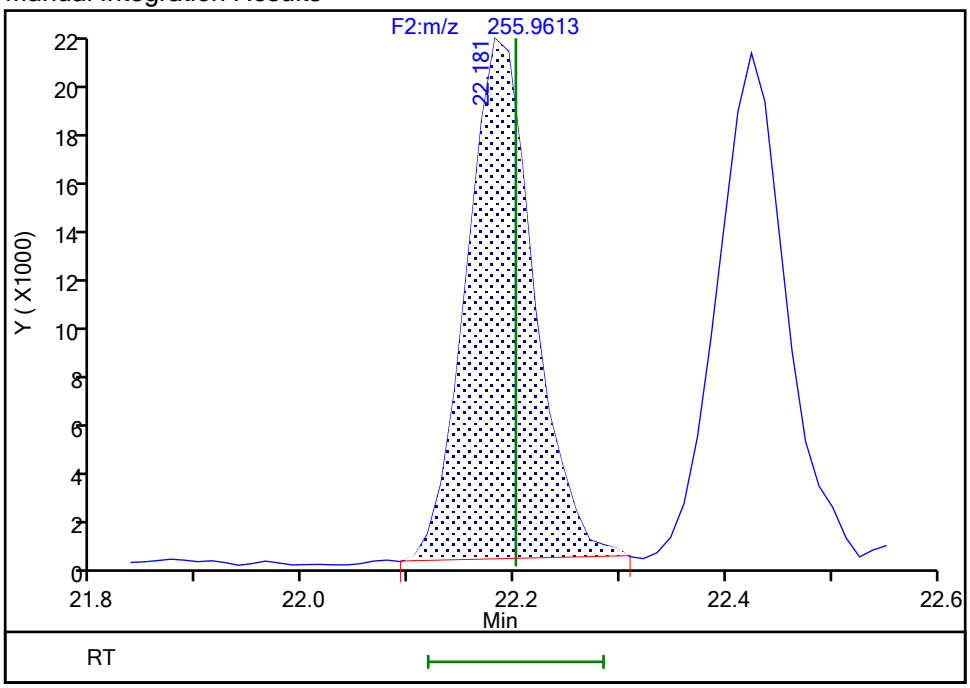
Not Detected
Expected RT: 22.20

Processing Integration Results



Manual Integration Results

RT: 22.18
Area: 94286
Amount: 2.918116
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:24:25 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

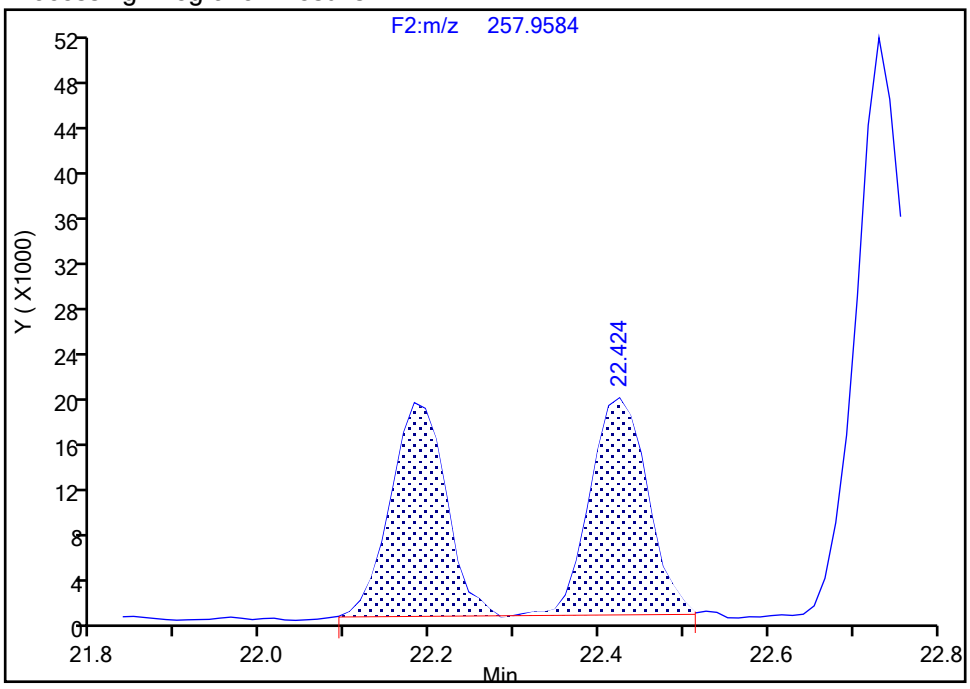
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-25, CAS: 55712-37-3

Signal: 2

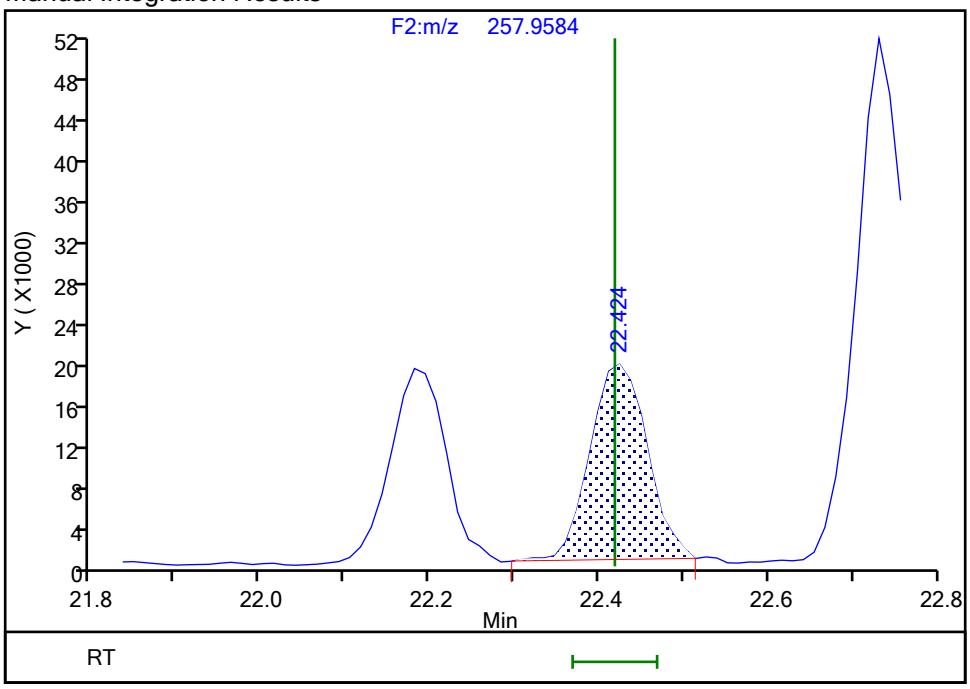
Processing Integration Results

RT: 22.42
Area: 175206
Amount: 3.349683
Amount Units: pg/ul



Manual Integration Results

RT: 22.42
Area: 89768
Amount: 2.277890
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:24:16 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

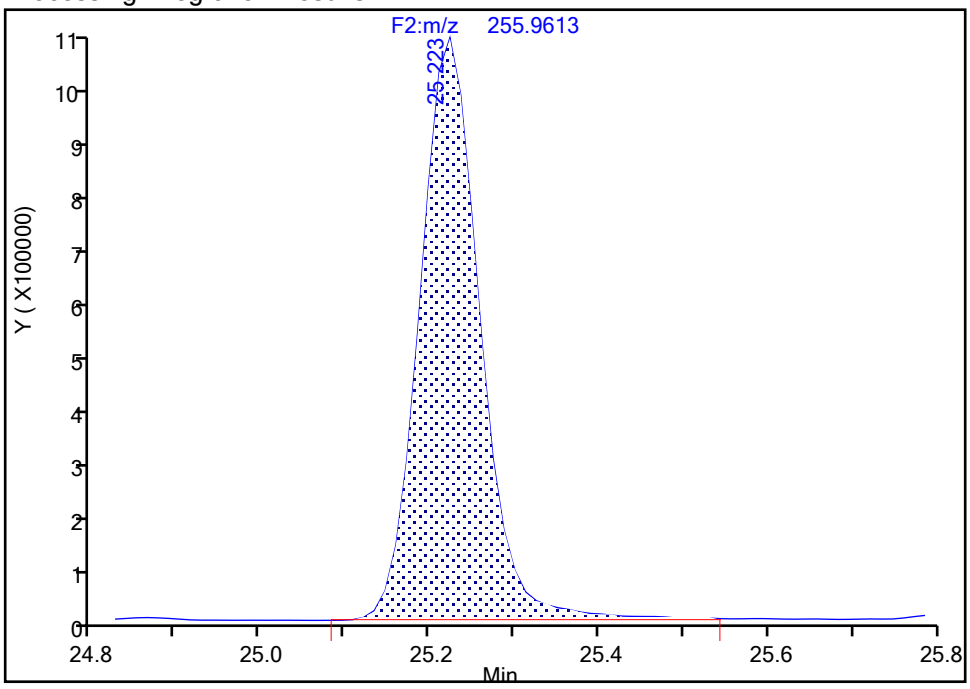
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-36, CAS: 38444-87-0

Signal: 1

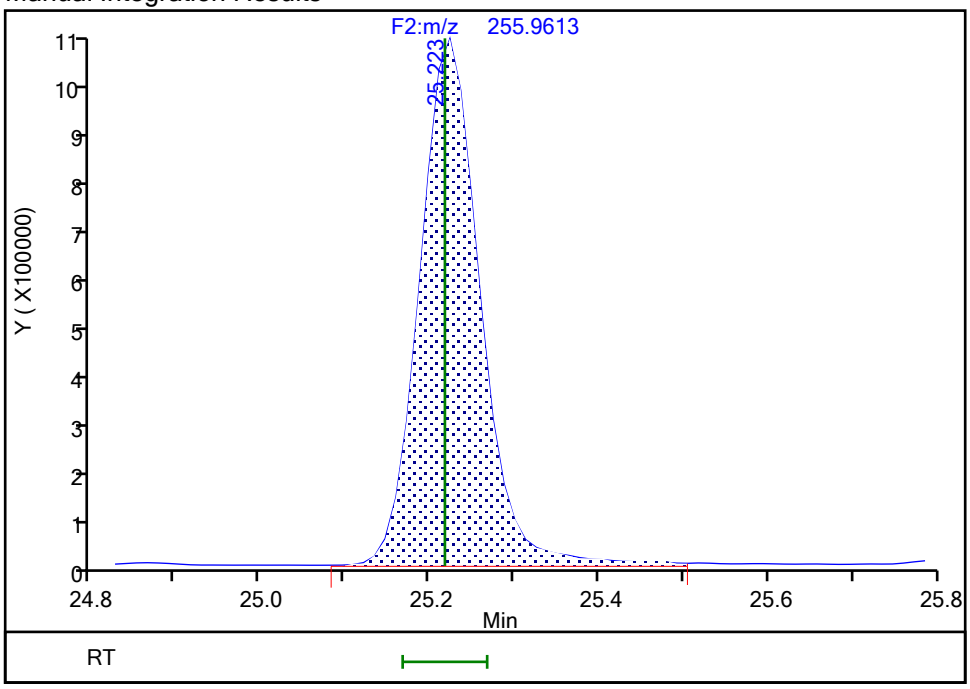
Processing Integration Results

RT: 25.22
Area: 5092533
Amount: 128.7226
Amount Units: pg/ul



Manual Integration Results

RT: 25.22
Area: 5083430
Amount: 128.3425
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:24:52 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

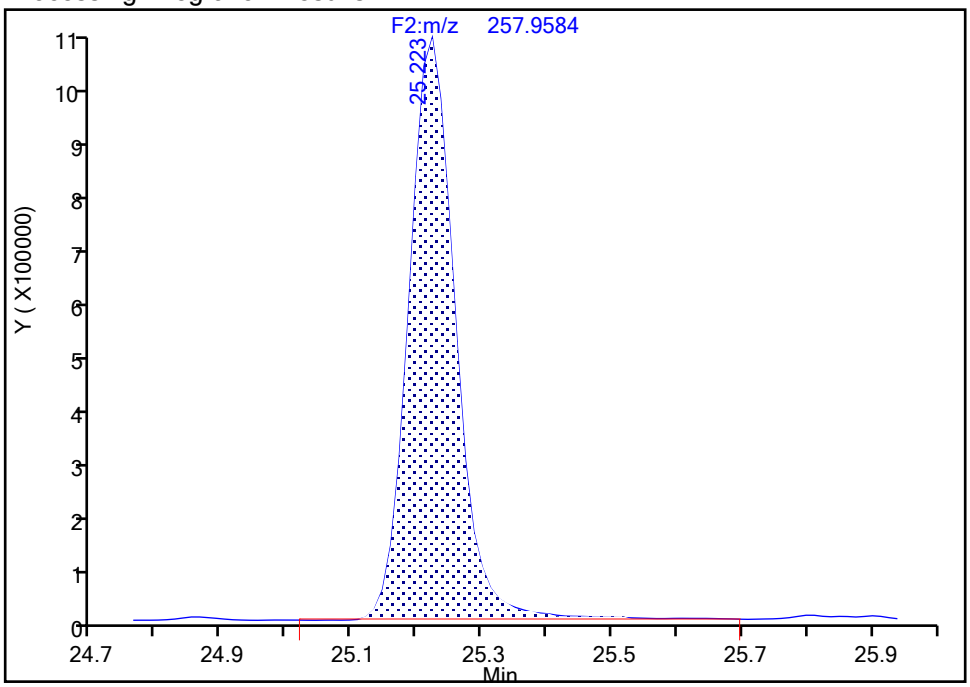
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-36, CAS: 38444-87-0

Signal: 2

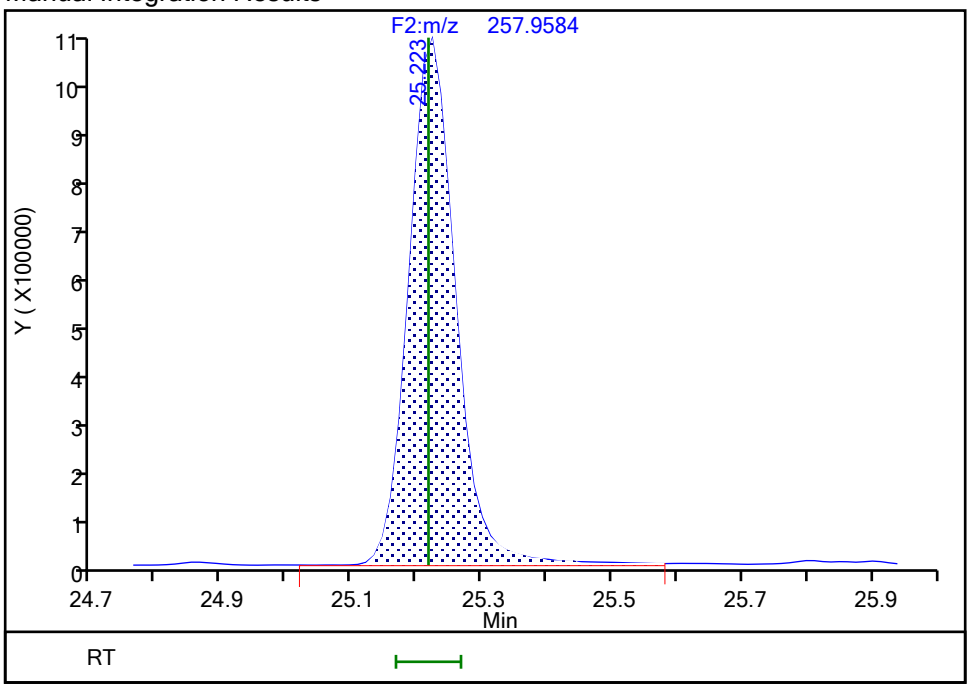
Processing Integration Results

RT: 25.22
Area: 5135168
Amount: 128.7226
Amount Units: pg/ul



Manual Integration Results

RT: 25.22
Area: 5114074
Amount: 128.3425
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:25:01 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

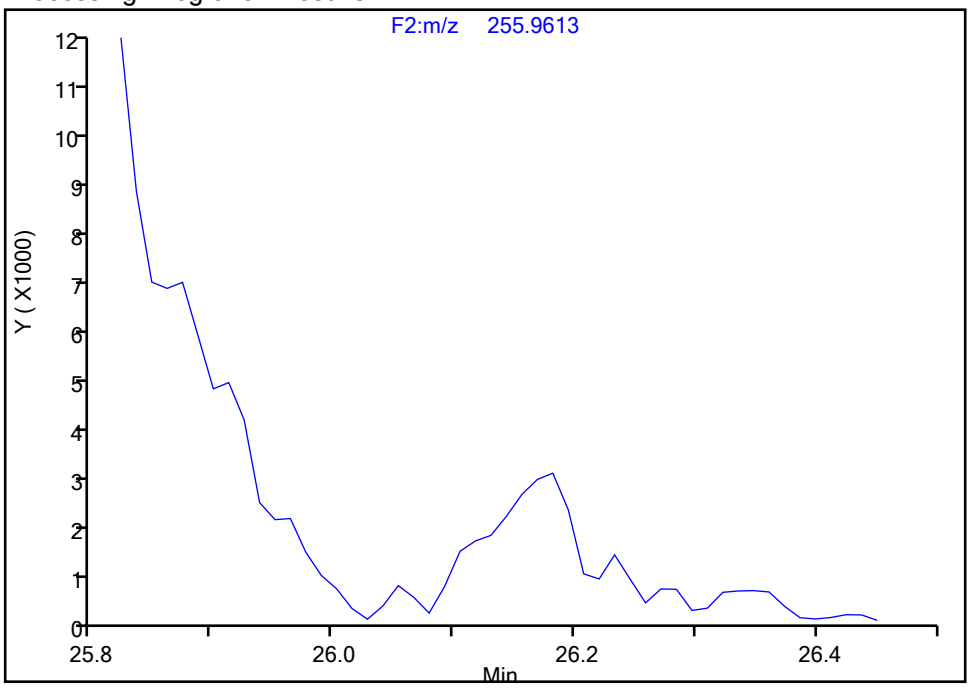
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-38, CAS: 53555-66-1

Signal: 1

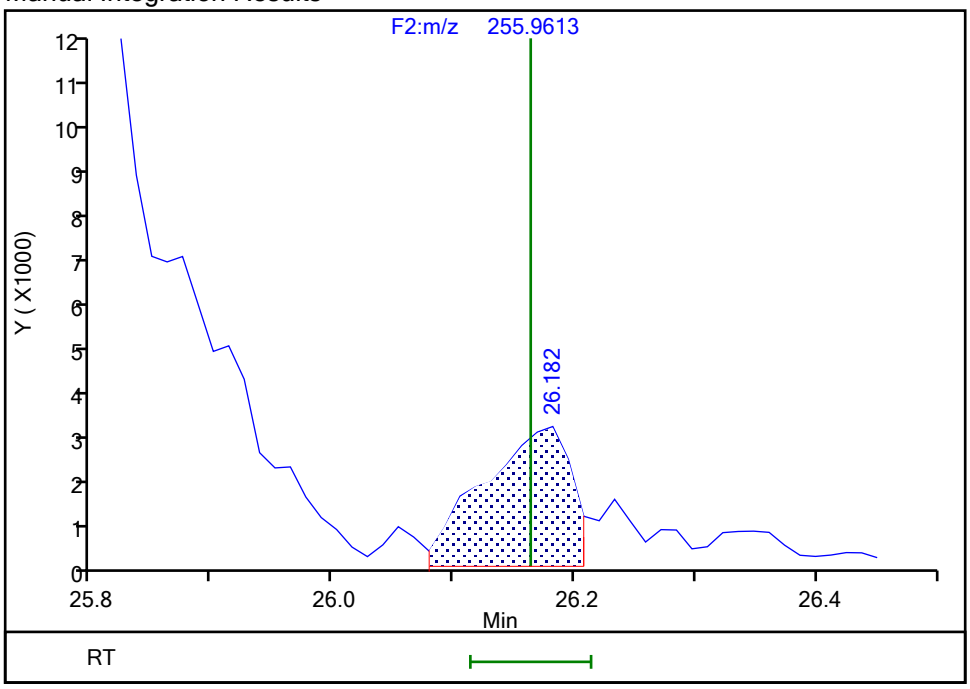
Not Detected
Expected RT: 26.16

Processing Integration Results



Manual Integration Results

RT: 26.18
Area: 13911
Amount: 0.384071
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:26:13 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

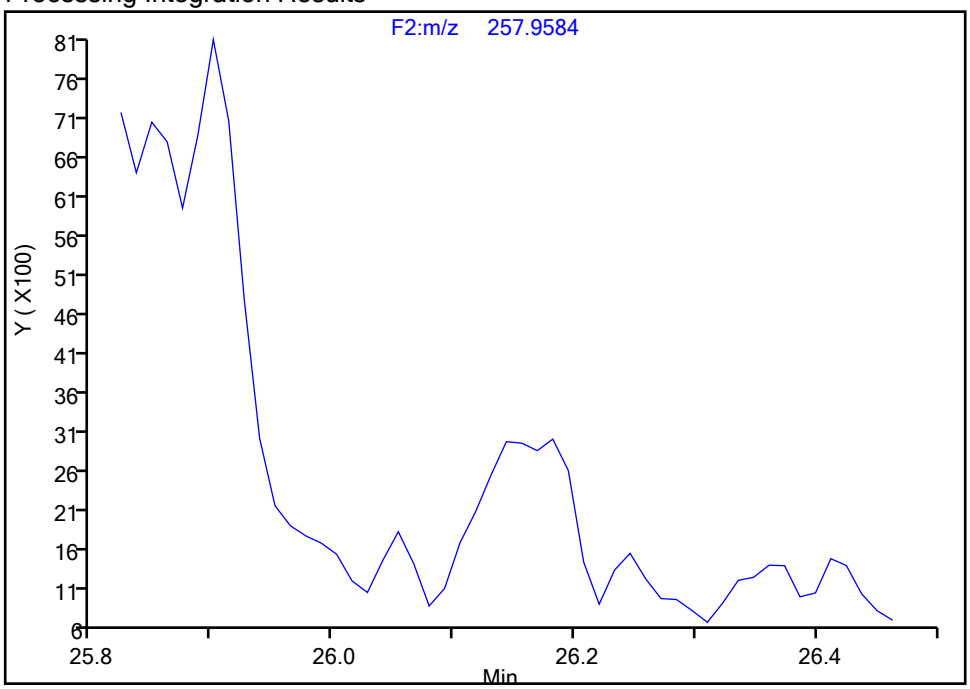
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-38, CAS: 53555-66-1

Signal: 2

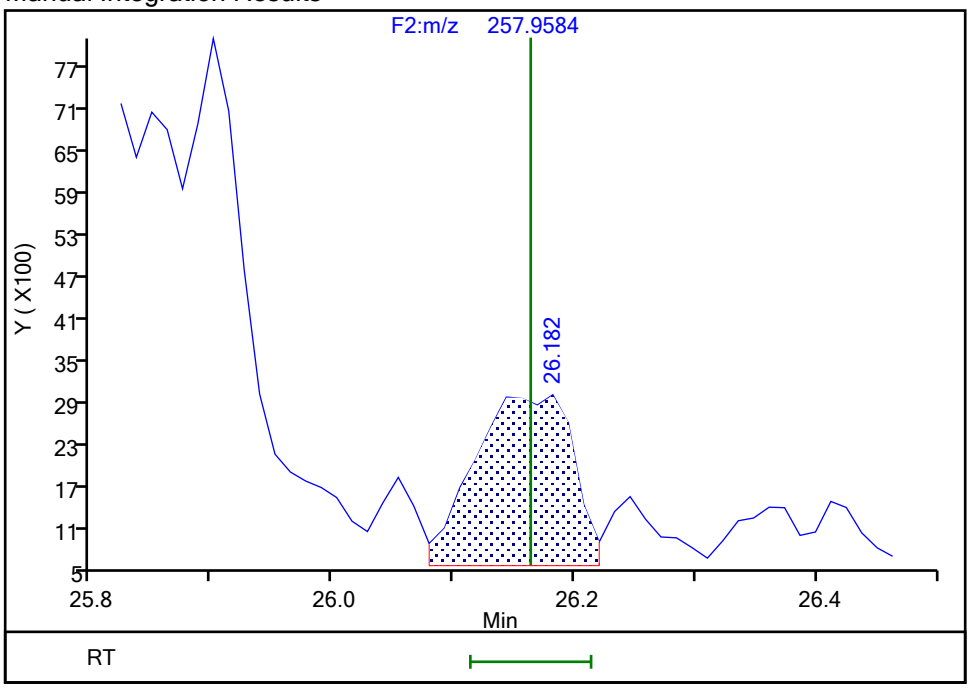
Not Detected
Expected RT: 26.16

Processing Integration Results



Manual Integration Results

RT: 26.18
Area: 13794
Amount: 0.384071
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:26:21 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

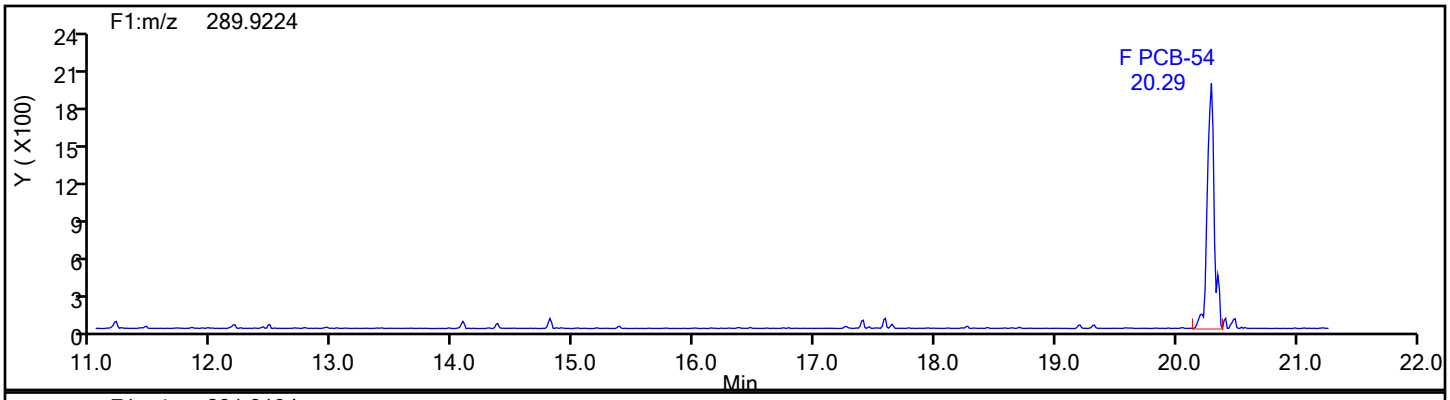
Report Date: 05-Jan-2024 00:10:16 Chrom Revision: 2.3 15-Nov-2023 20:54:34

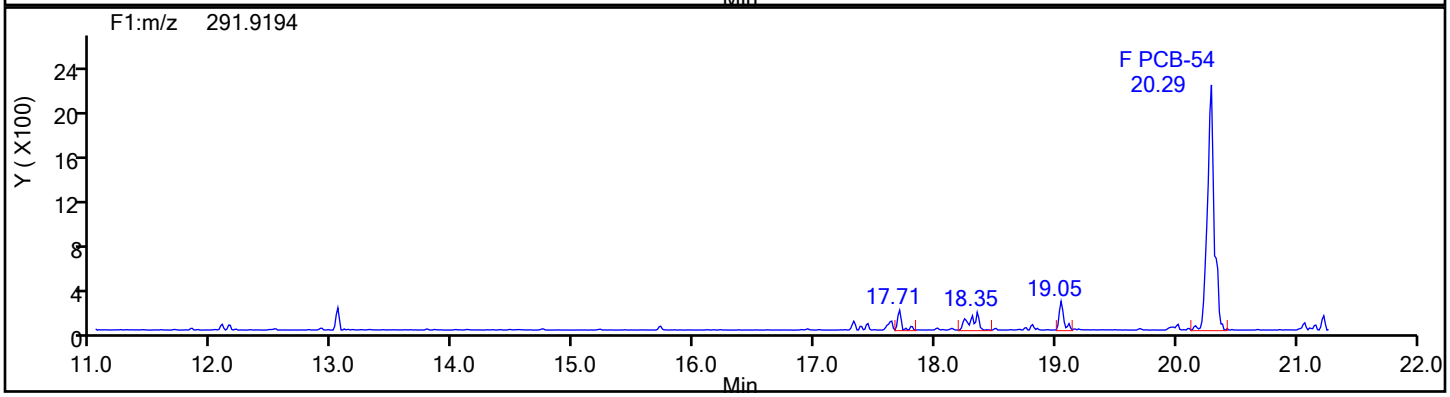
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

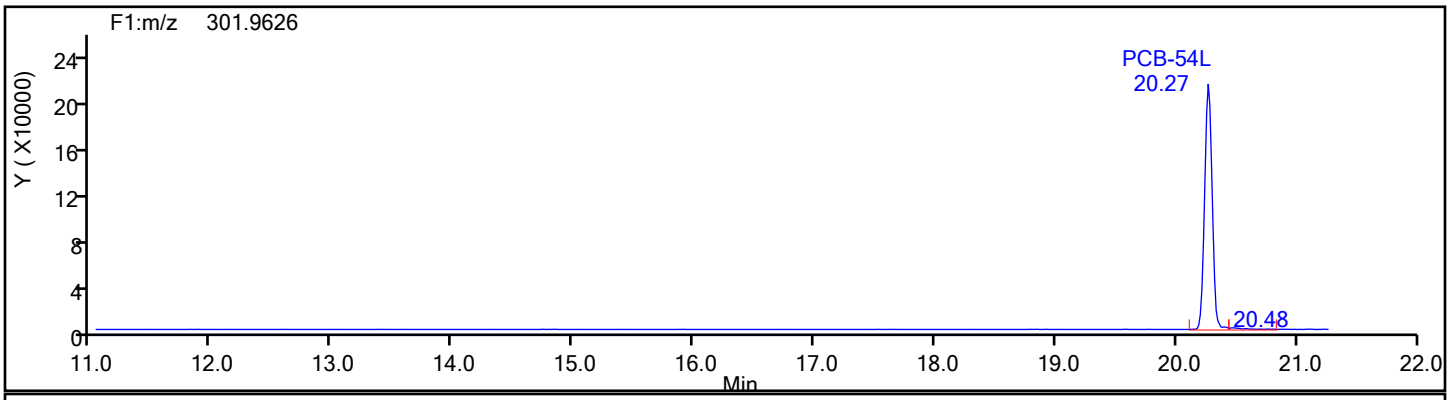
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

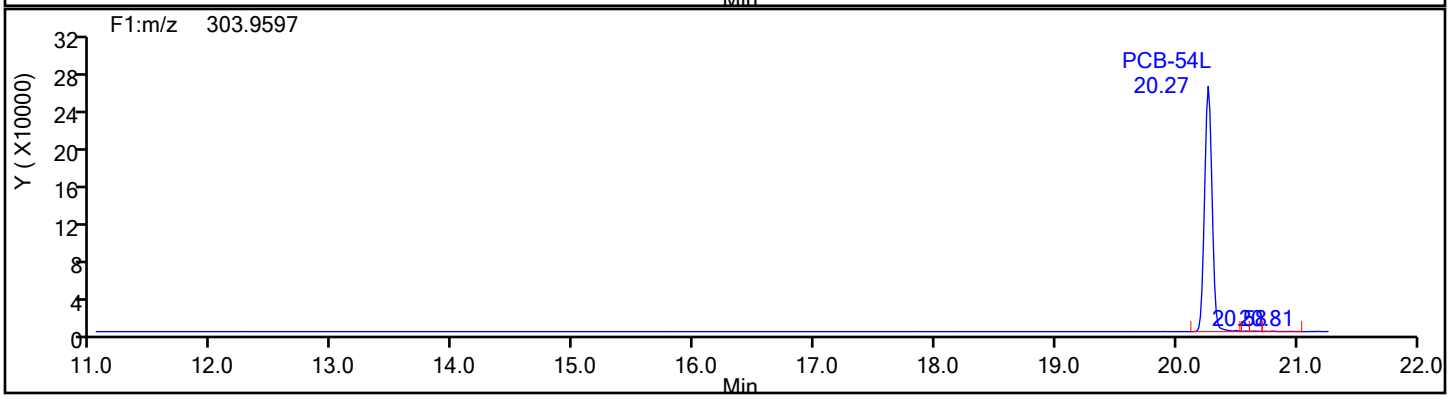
TePCB F1





TePCB F1 Standards



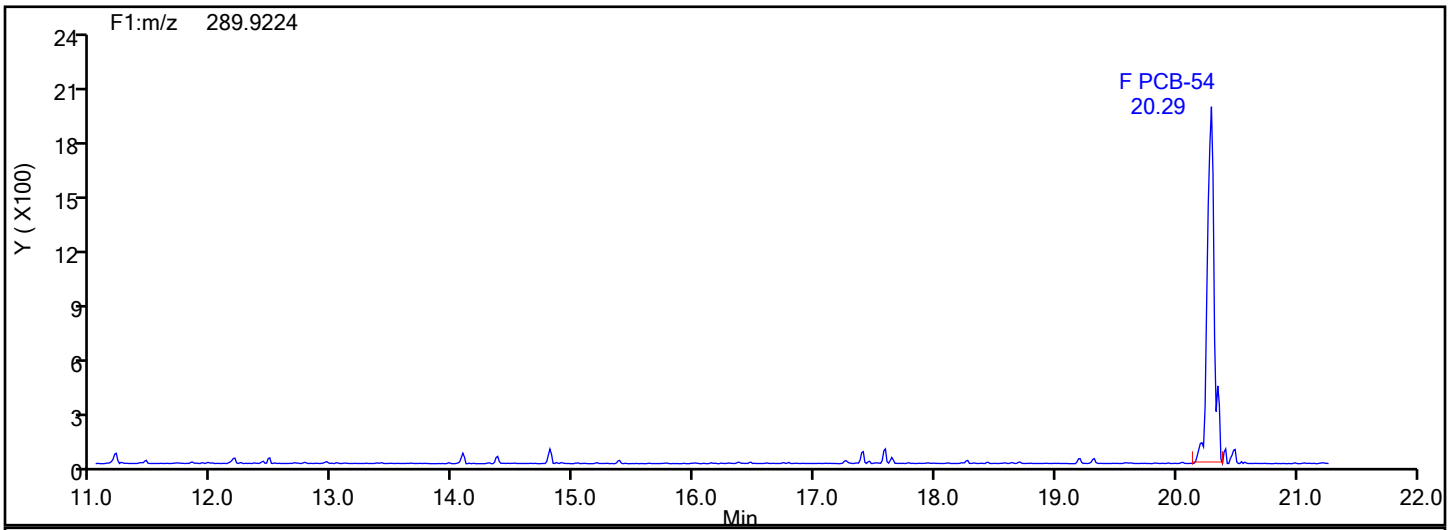


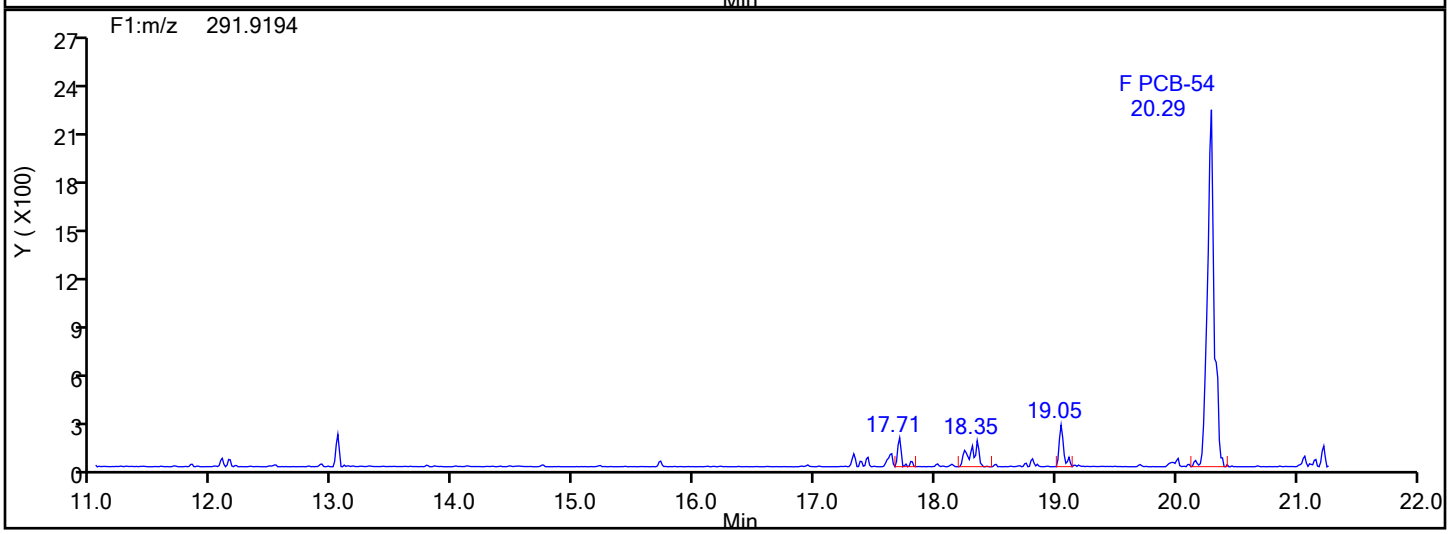
Report Date: 05-Jan-2024 00:10:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

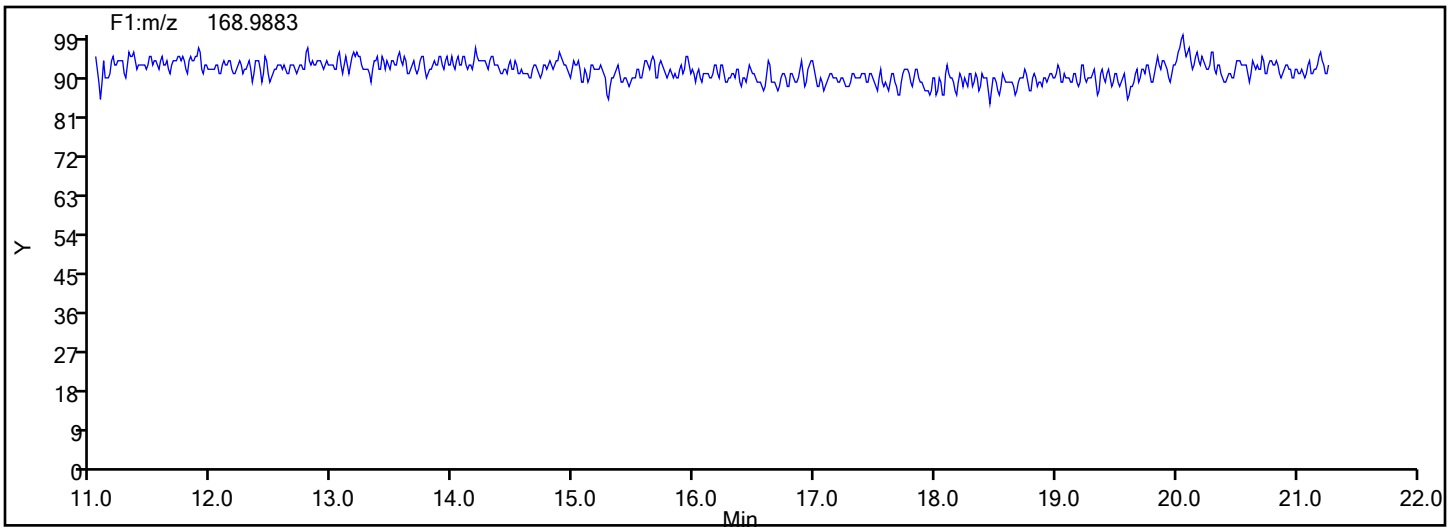
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



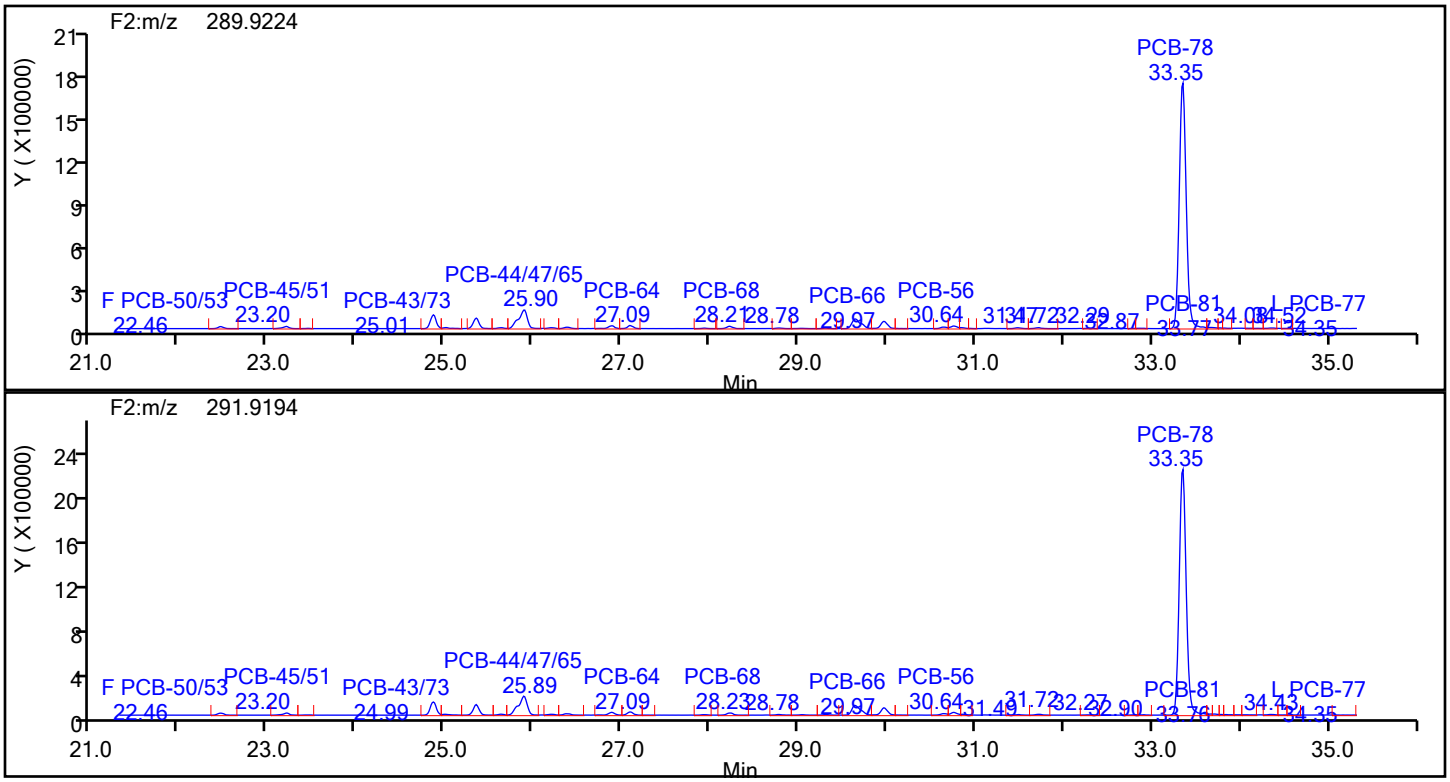
Report Date: 05-Jan-2024 00:10:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

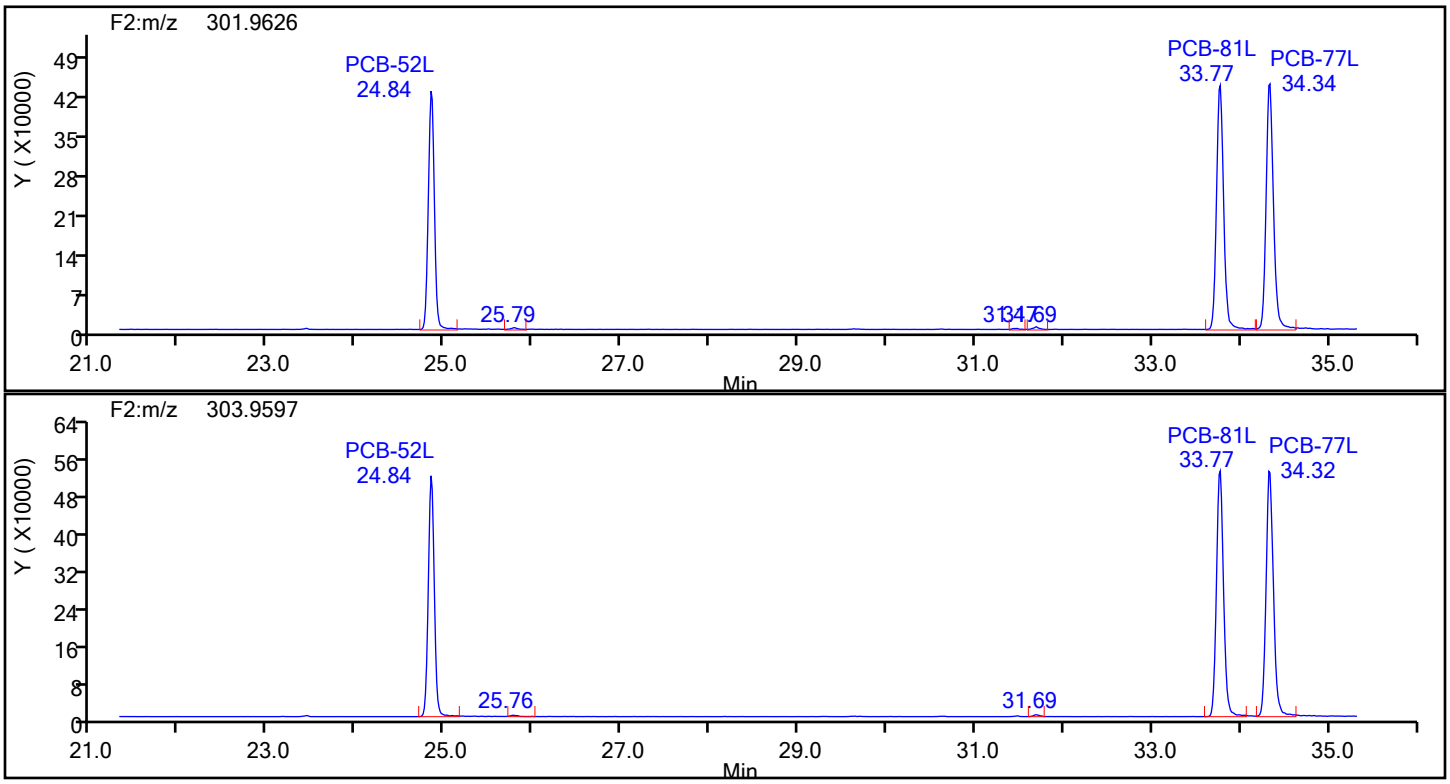
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

TePCB F2



TePCB F2 Standards

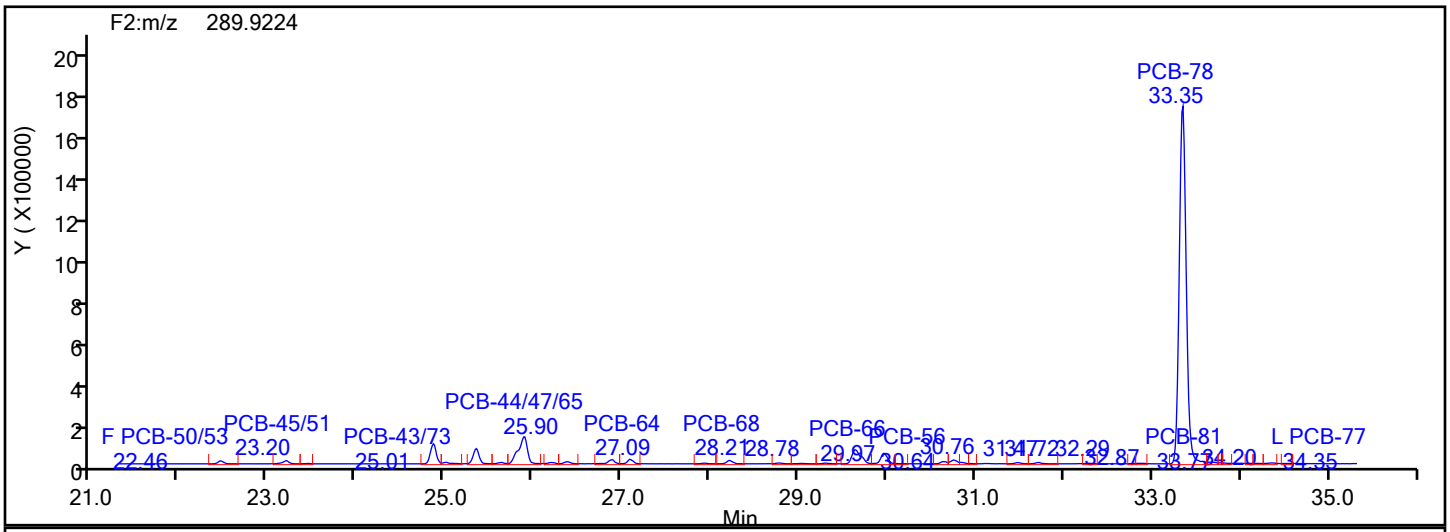


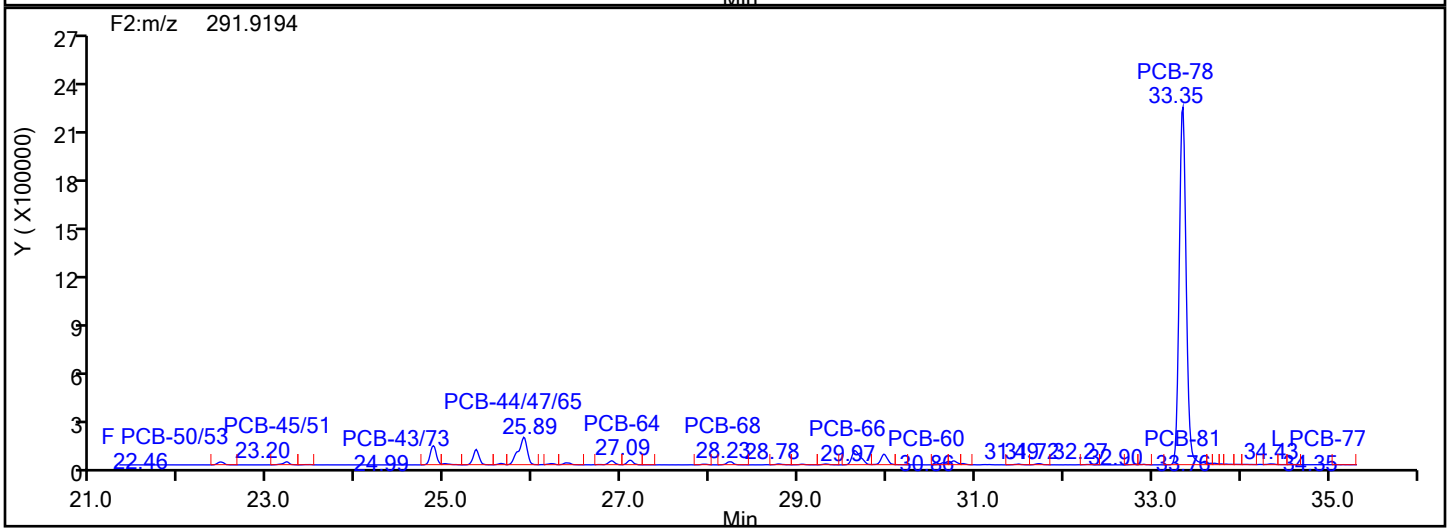
Report Date: 05-Jan-2024 00:10:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

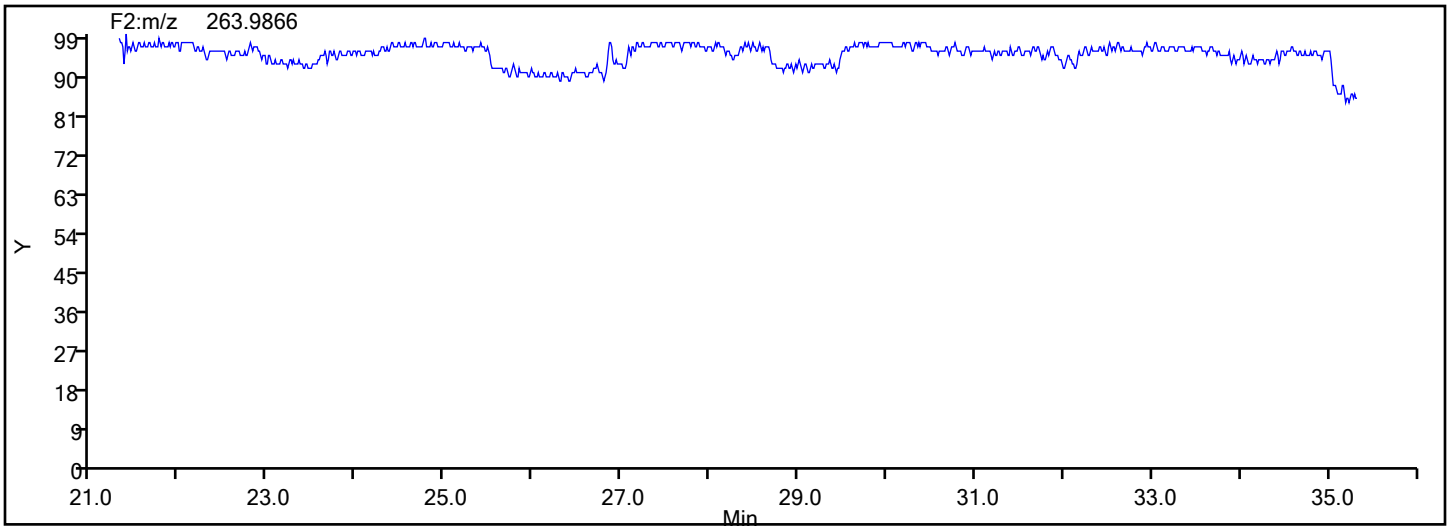
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

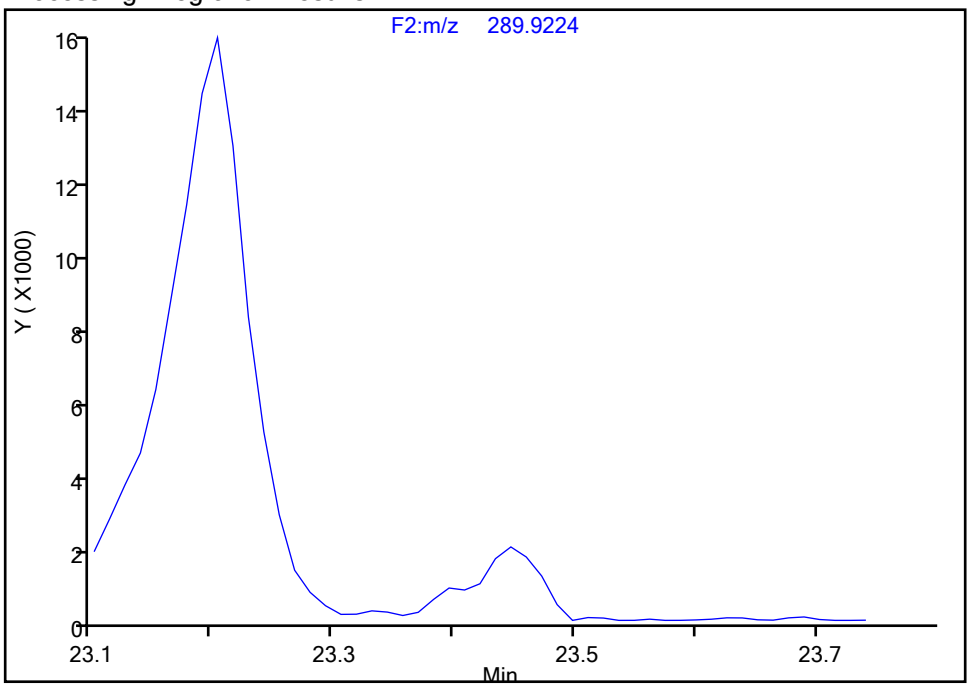
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 1

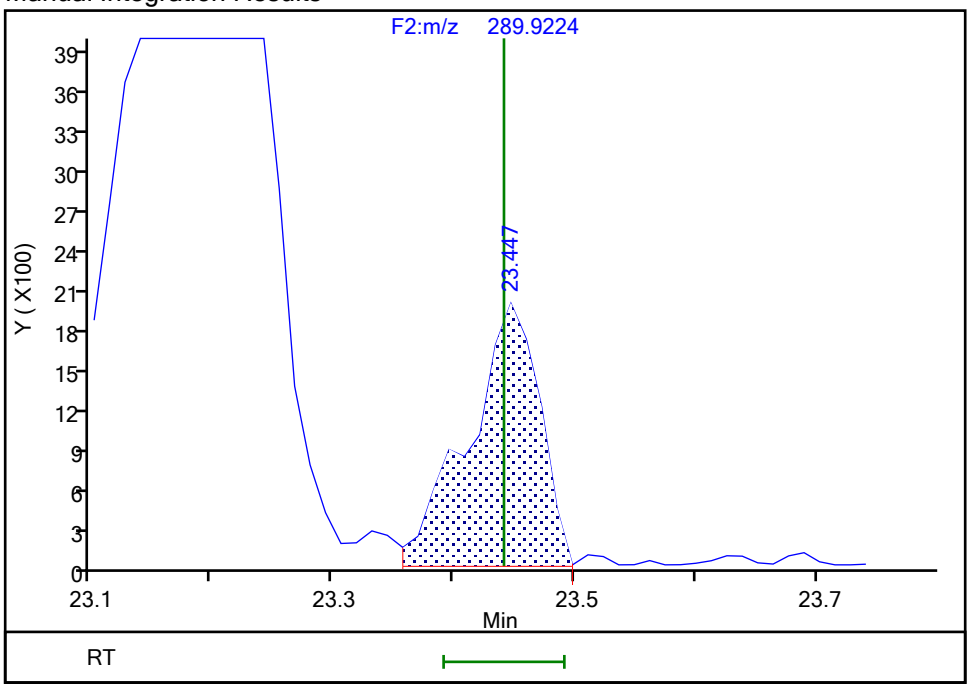
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.45
Area: 7992
Amount: 0.581310
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:27:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

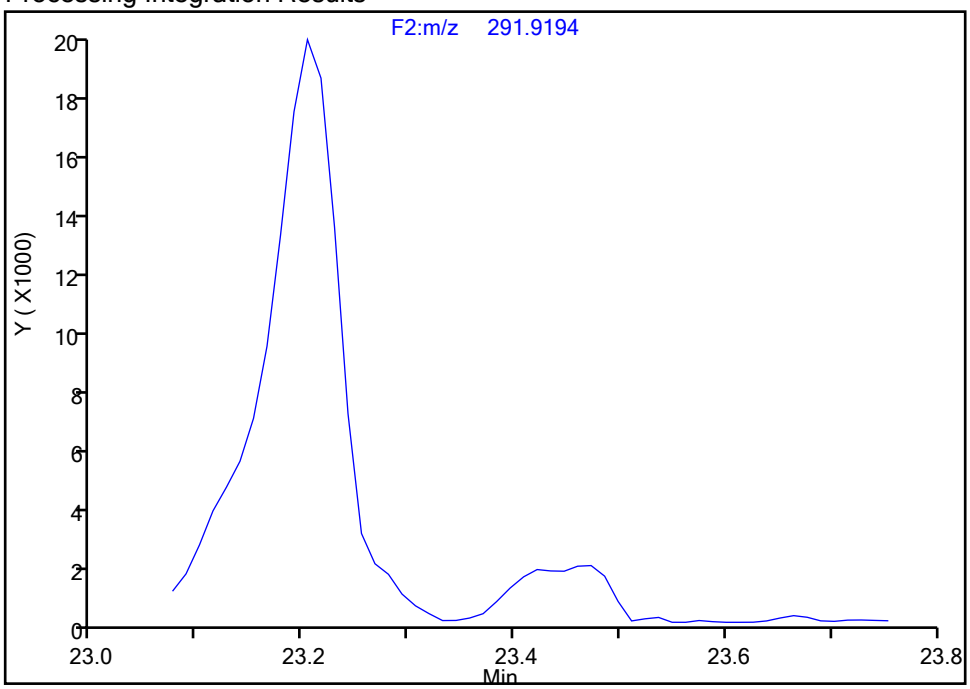
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 2

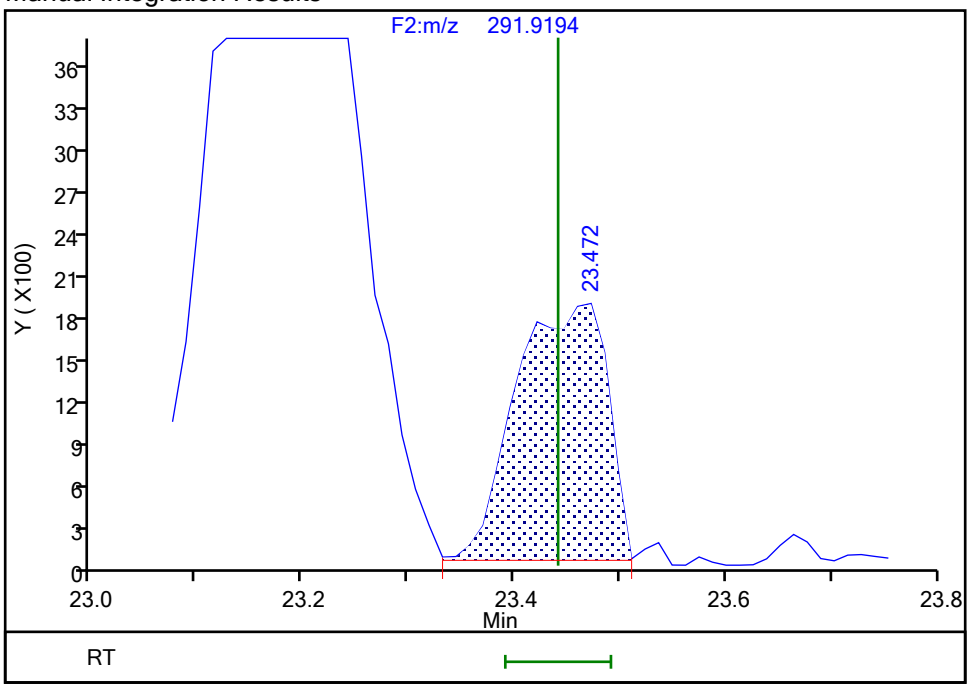
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.47
Area: 10914
Amount: 0.581310
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:27:05 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

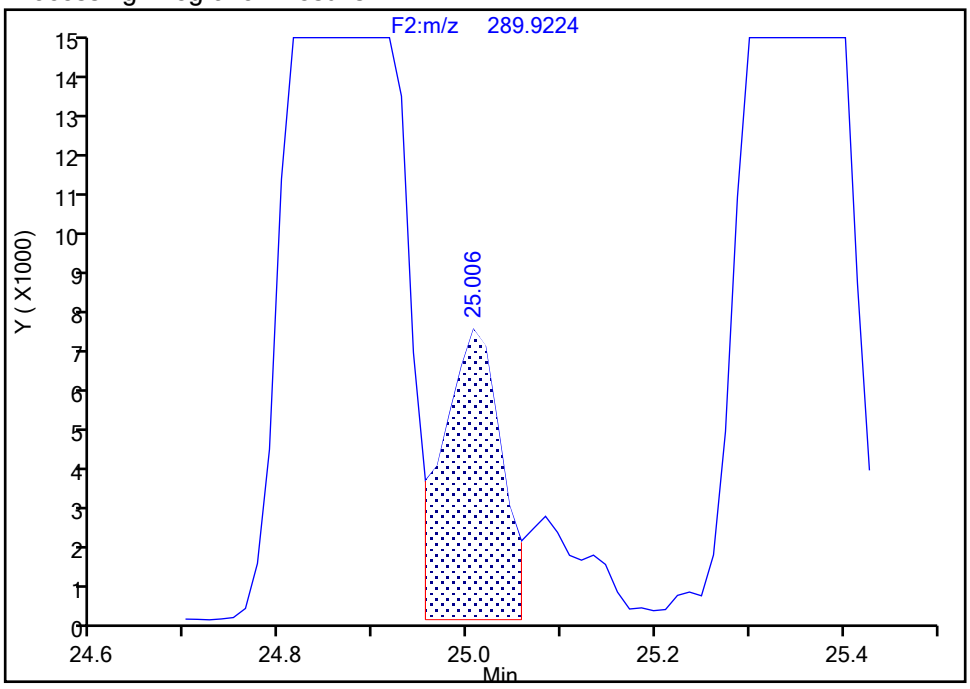
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-43/73, CAS: STL02293

Signal: 1

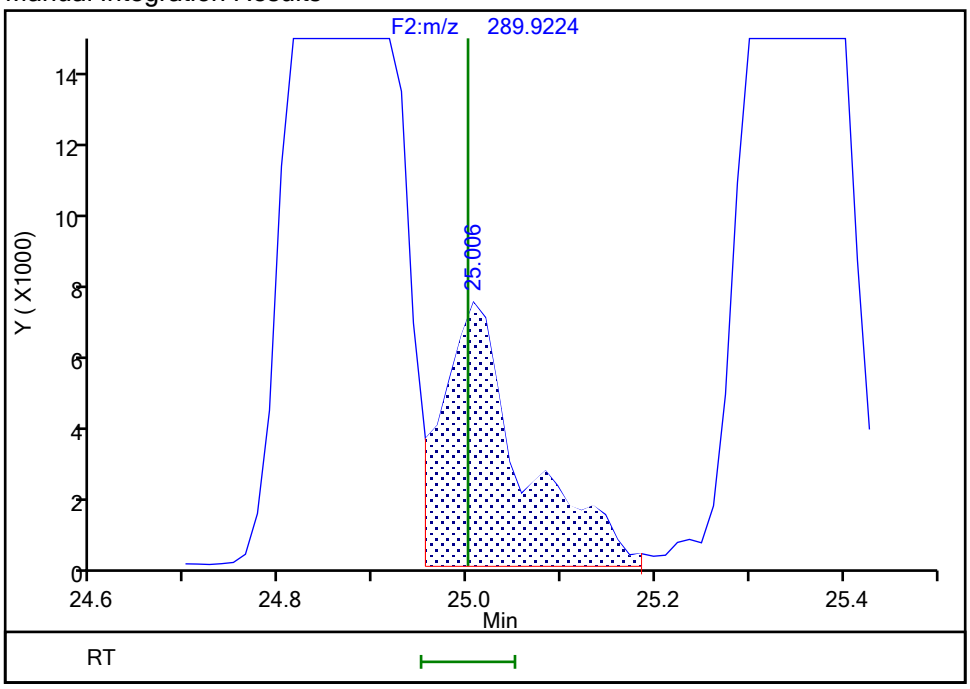
Processing Integration Results

RT: 25.01
Area: 30917
Amount: 1.627462
Amount Units: pg/ul



Manual Integration Results

RT: 25.01
Area: 42909
Amount: 1.871302
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:27:27 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

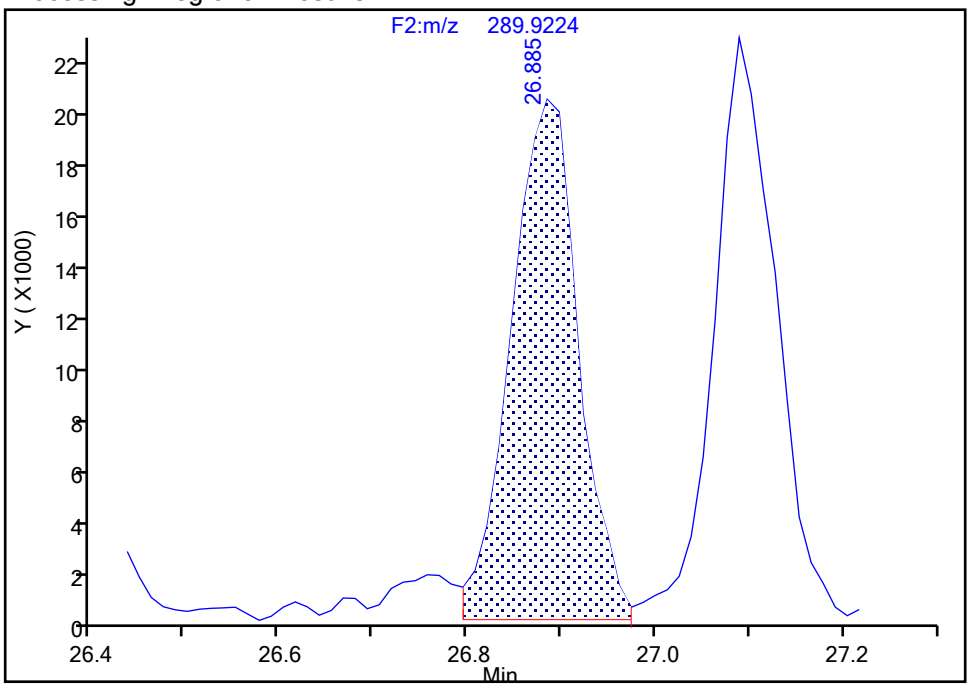
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

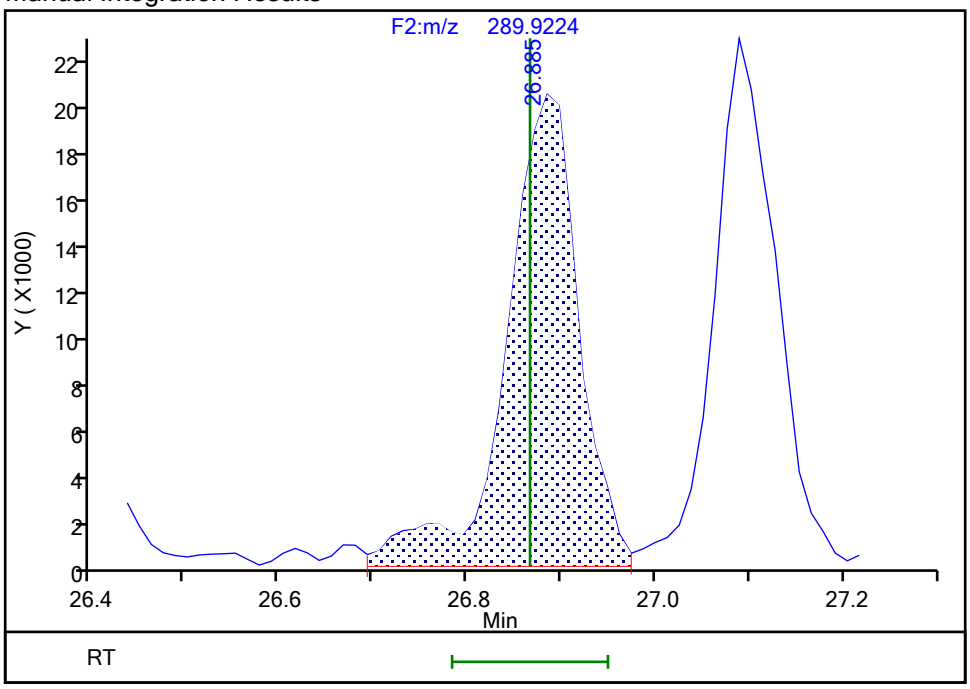
Processing Integration Results

RT: 26.88
Area: 98706
Amount: 5.337689
Amount Units: pg/ul



Manual Integration Results

RT: 26.88
Area: 106813
Amount: 5.768703
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:27:43 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

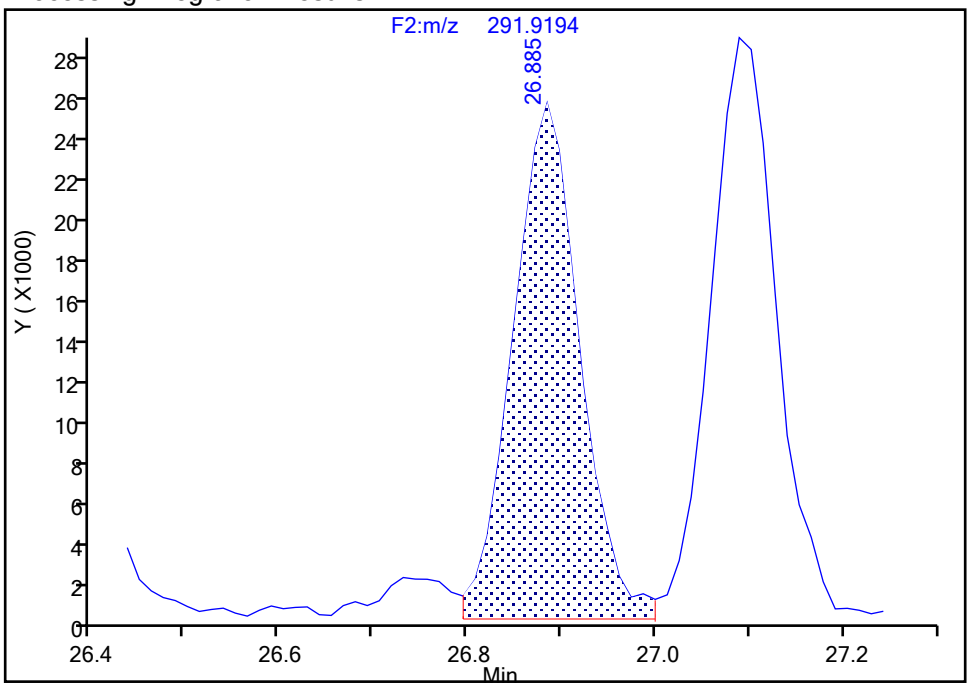
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 2

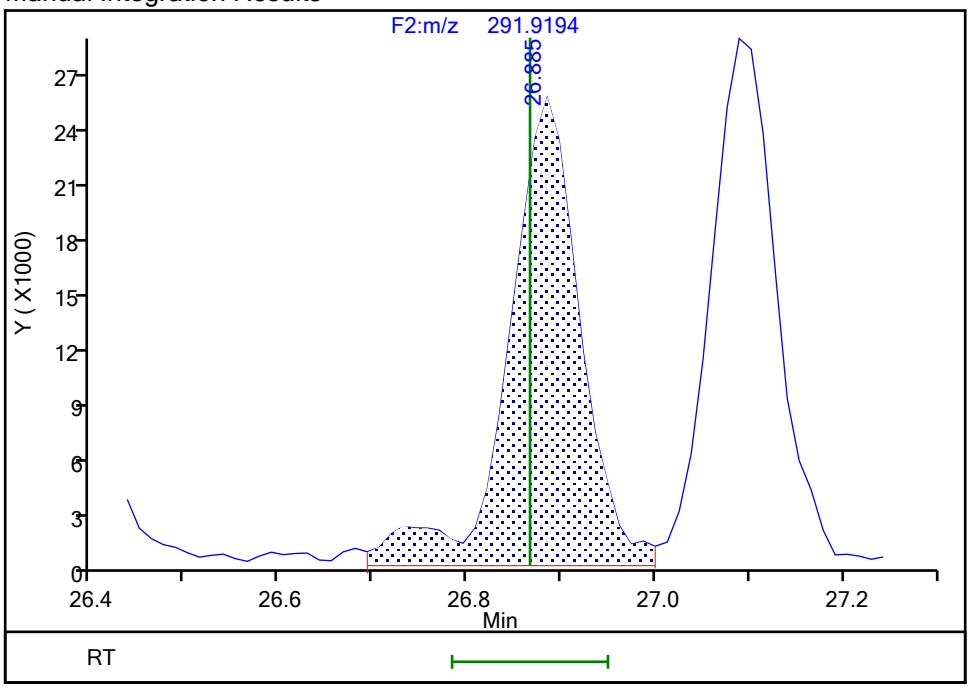
Processing Integration Results

RT: 26.88
Area: 125086
Amount: 5.337689
Amount Units: pg/ul



Manual Integration Results

RT: 26.88
Area: 135050
Amount: 5.768703
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:27:53 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

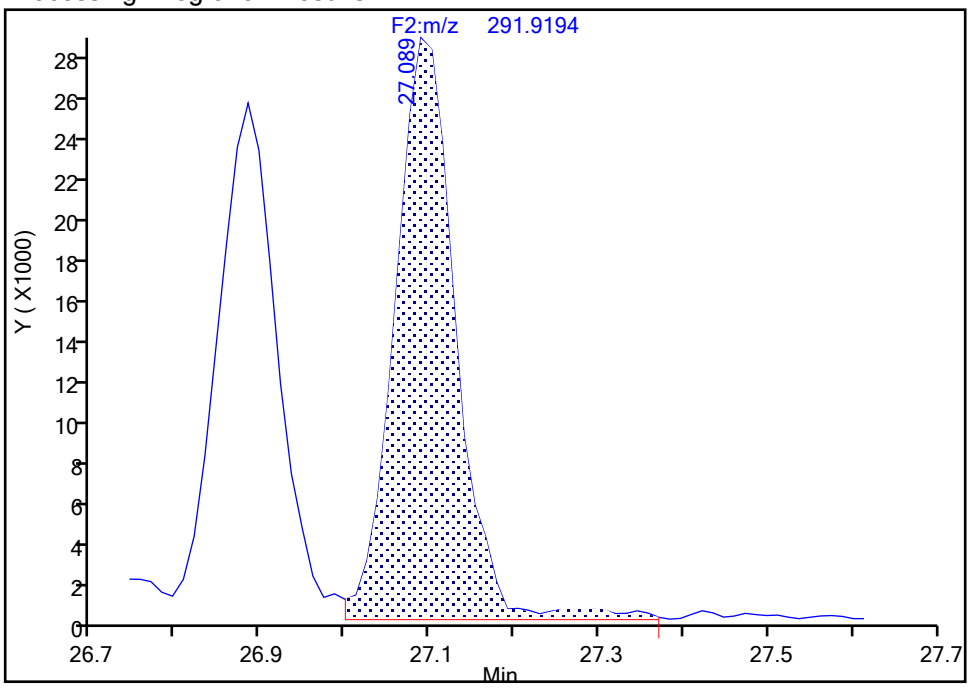
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-64, CAS: 52663-58-8

Signal: 2

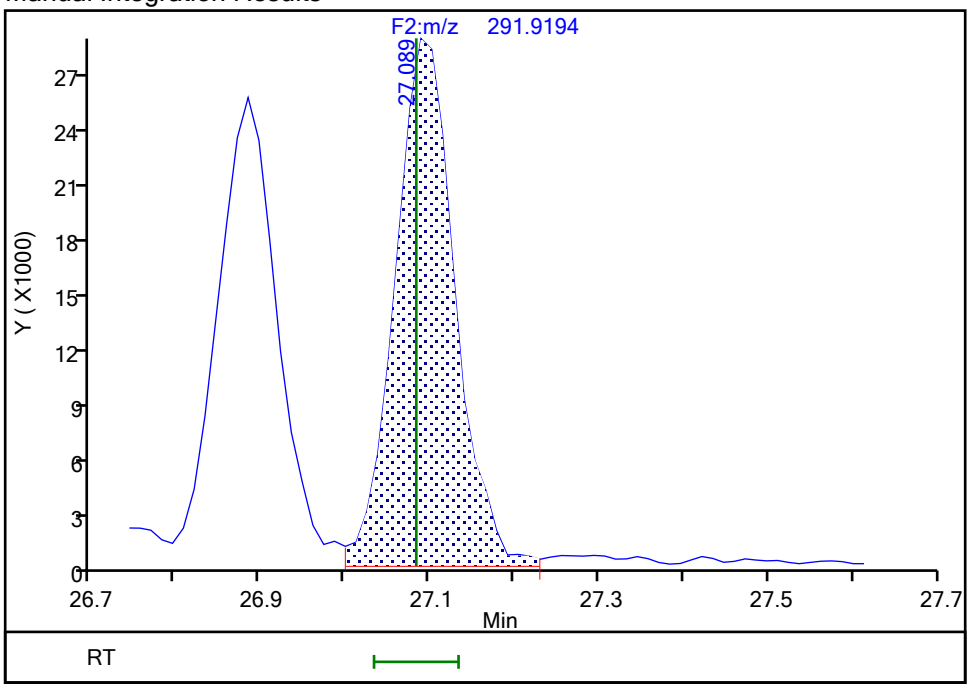
Processing Integration Results

RT: 27.09
Area: 143330
Amount: 4.307126
Amount Units: pg/ul



Manual Integration Results

RT: 27.09
Area: 139709
Amount: 4.243360
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:28:01 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

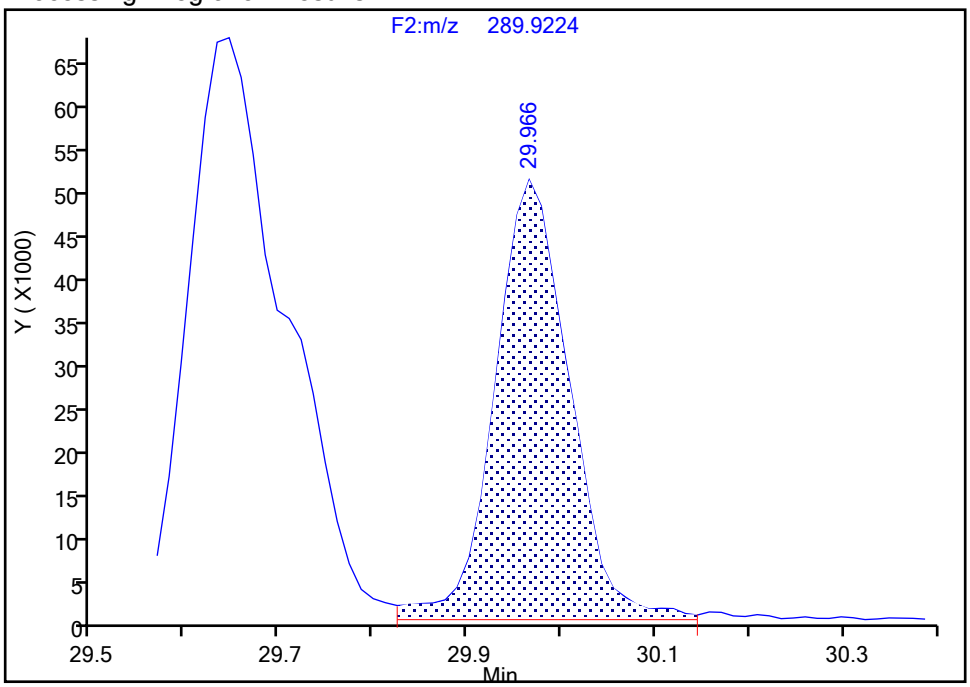
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-66, CAS: 32598-10-0

Signal: 1

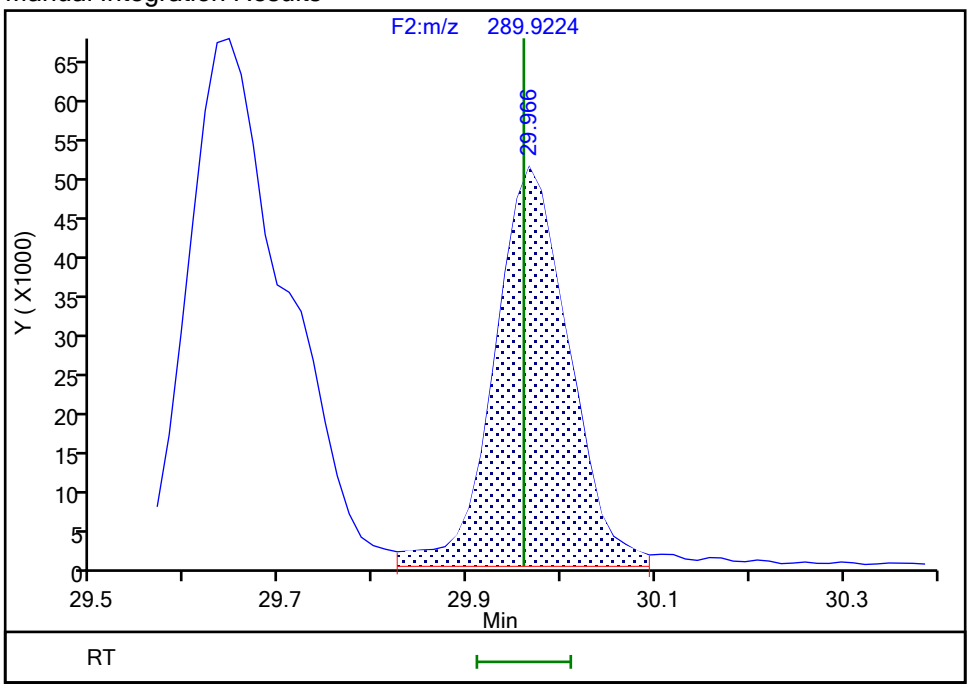
Processing Integration Results

RT: 29.97
Area: 285181
Amount: 9.562094
Amount Units: pg/ul



Manual Integration Results

RT: 29.97
Area: 281785
Amount: 9.374596
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:28:28 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

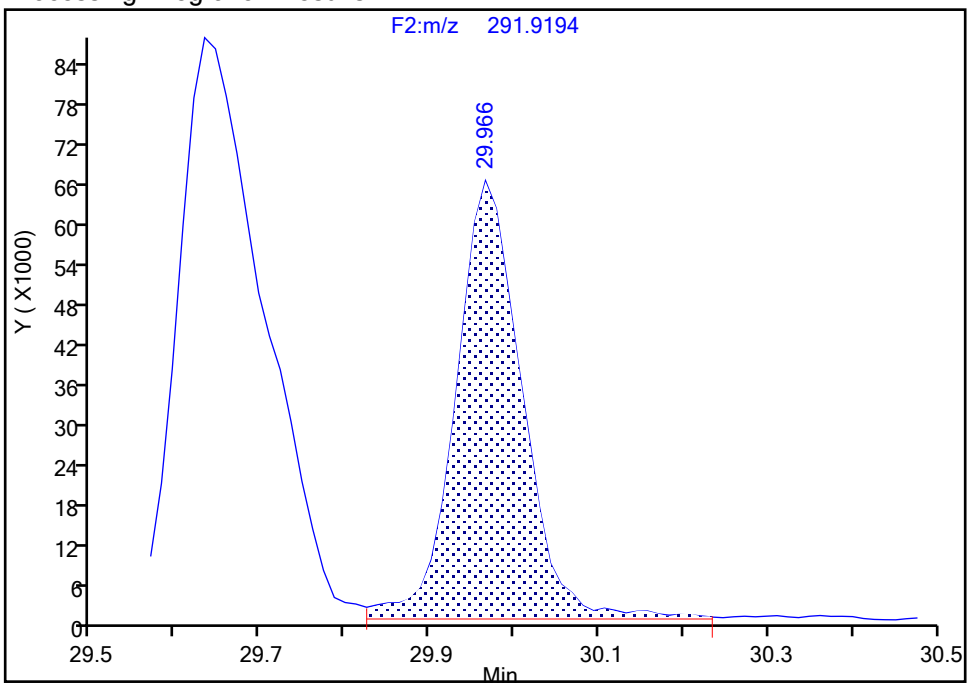
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-66, CAS: 32598-10-0

Signal: 2

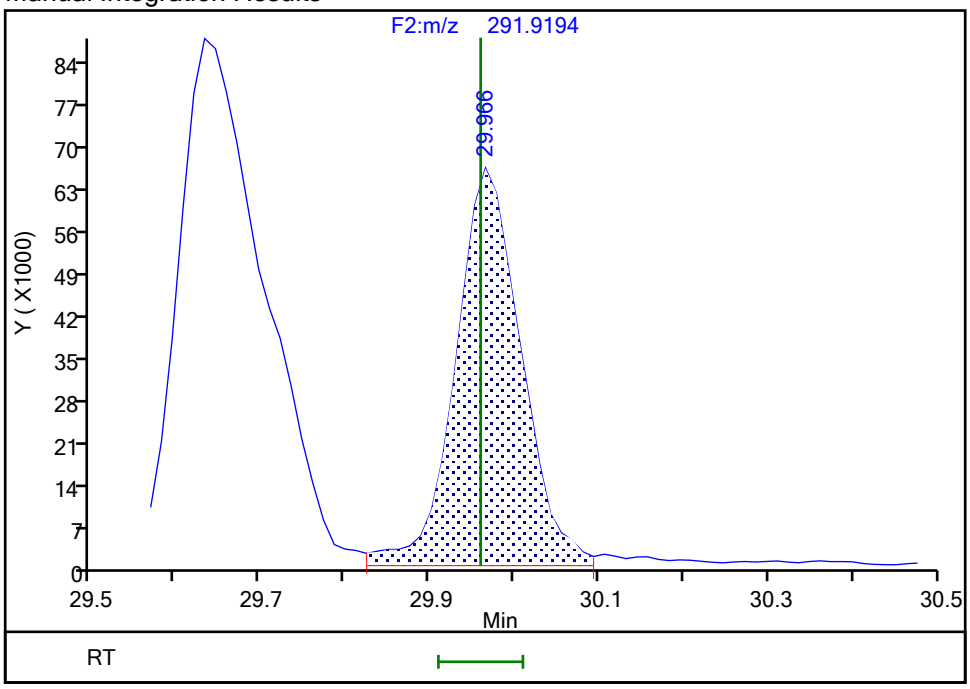
Processing Integration Results

RT: 29.97
Area: 363466
Amount: 9.562094
Amount Units: pg/ul



Manual Integration Results

RT: 29.97
Area: 354143
Amount: 9.374596
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:28:30 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

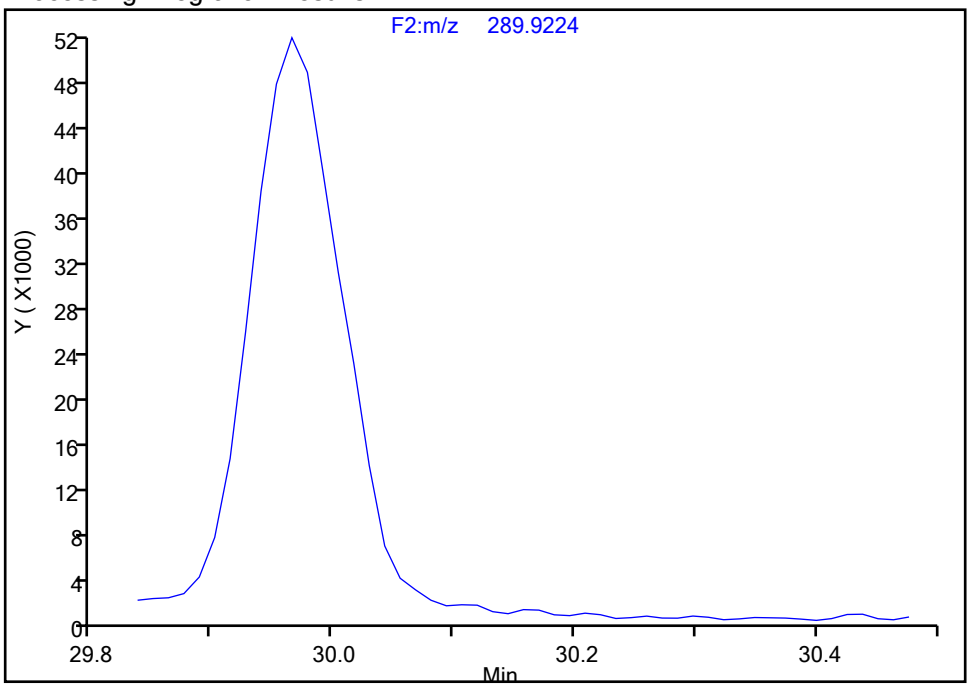
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-55, CAS: 74338-24-2

Signal: 1

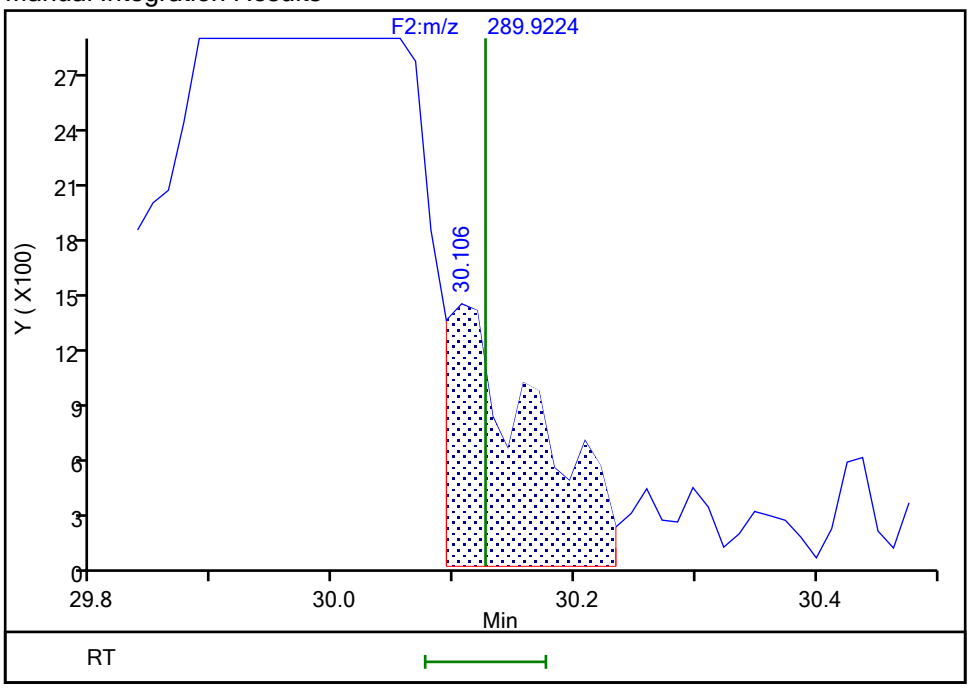
Not Detected
Expected RT: 30.13

Processing Integration Results



Manual Integration Results

RT: 30.11
Area: 6989
Amount: 0.234205
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:28:34 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Eurofins Knoxville

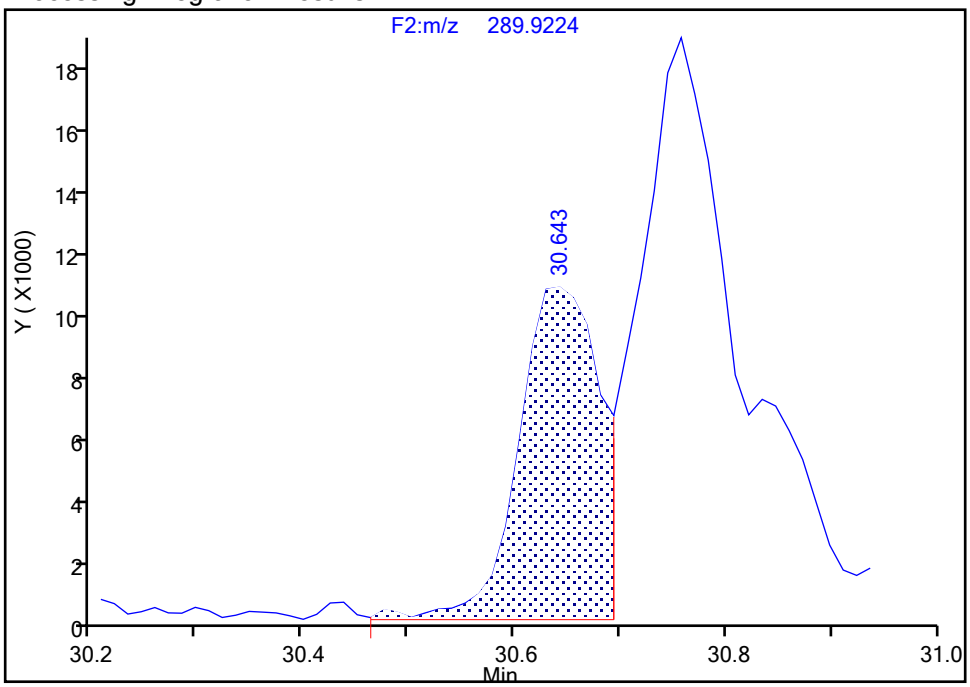
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-56, CAS: 41464-43-1

Signal: 1

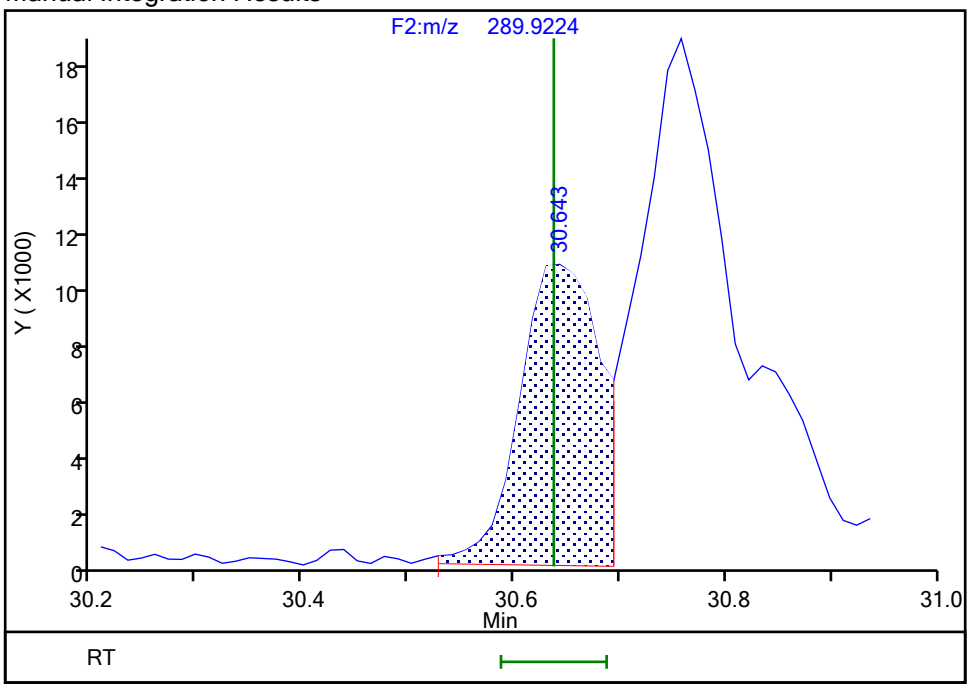
Processing Integration Results

RT: 30.64
Area: 56083
Amount: 1.912106
Amount Units: pg/ul



Manual Integration Results

RT: 30.64
Area: 54918
Amount: 1.885602
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:35:53 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

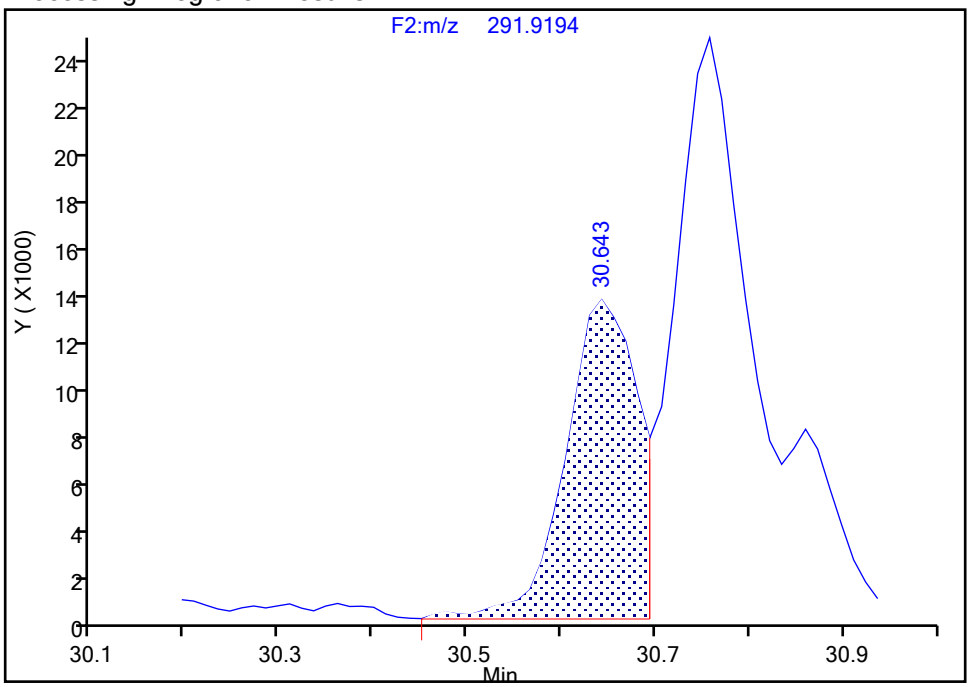
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-56, CAS: 41464-43-1

Signal: 2

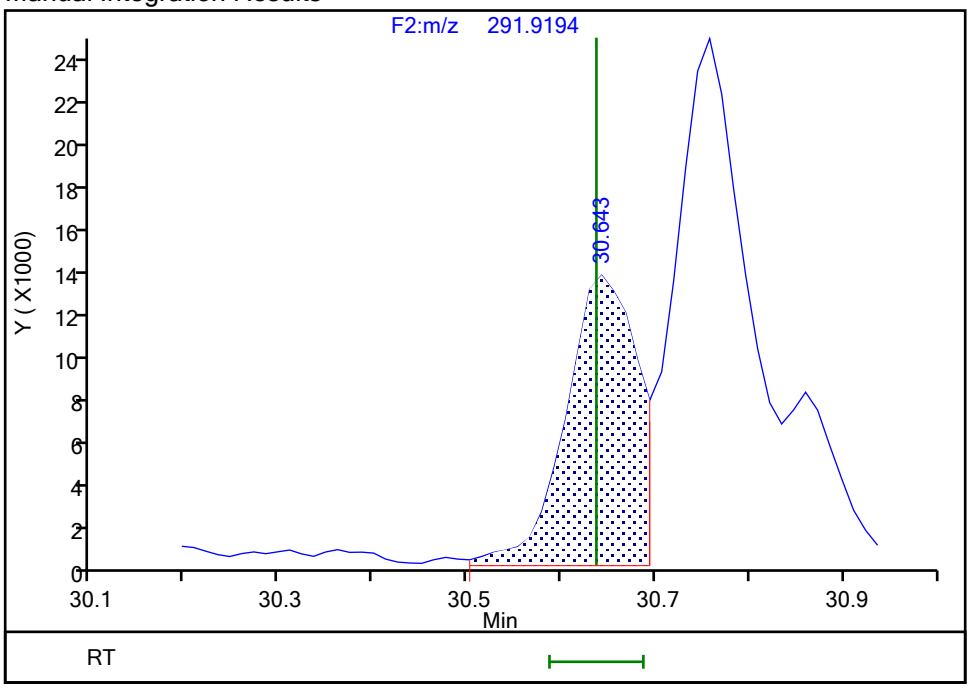
Processing Integration Results

RT: 30.64
Area: 71900
Amount: 1.912106
Amount Units: pg/ul



Manual Integration Results

RT: 30.64
Area: 71291
Amount: 1.885602
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:35:56 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

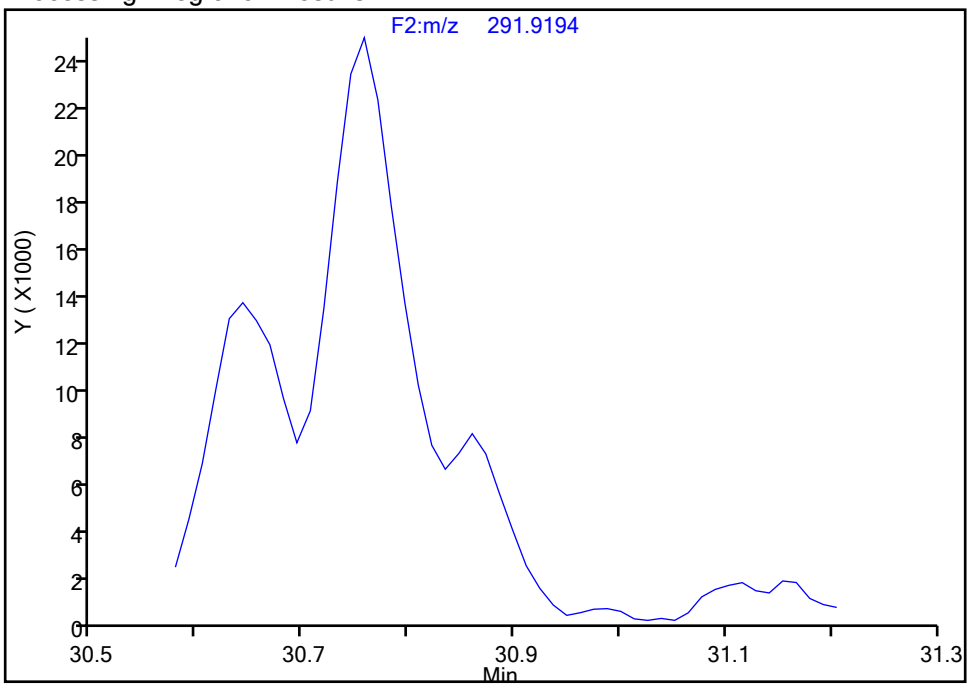
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 2

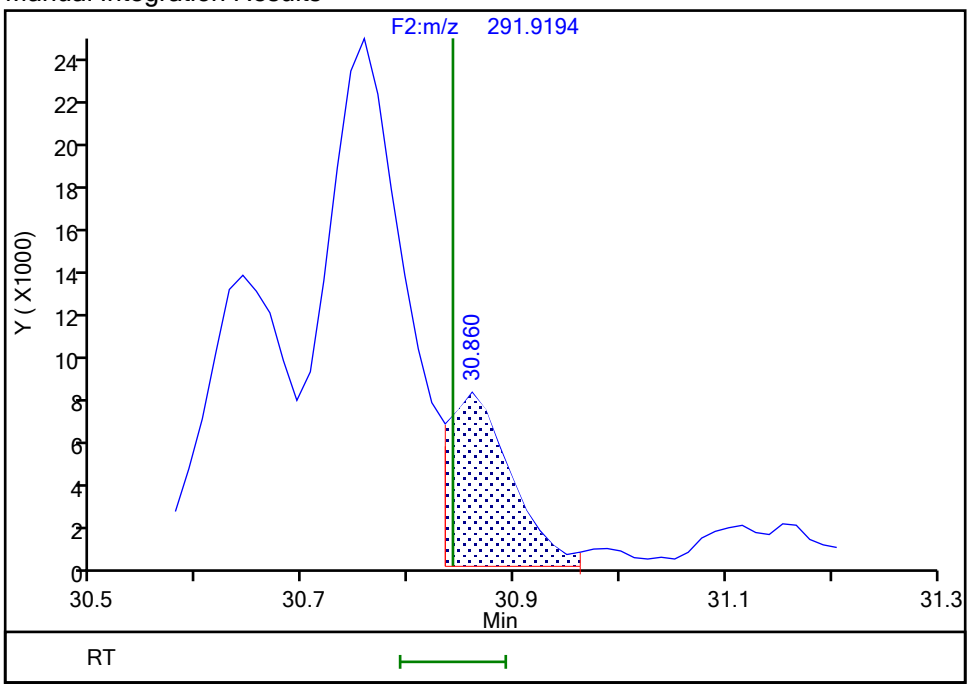
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.86
Area: 32037
Amount: 1.035023
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:29:14 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

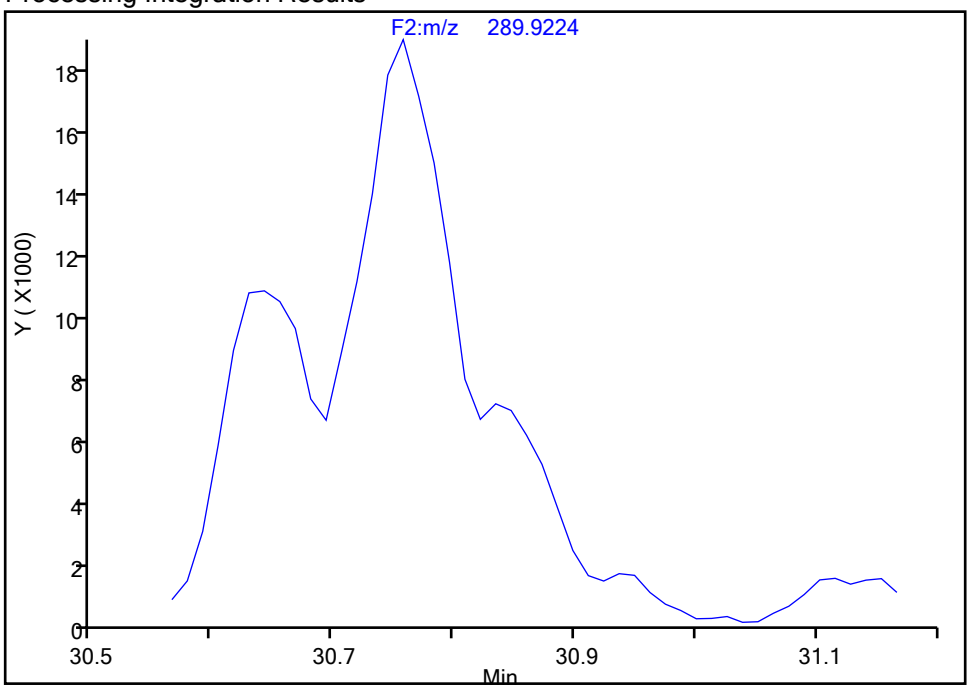
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 1

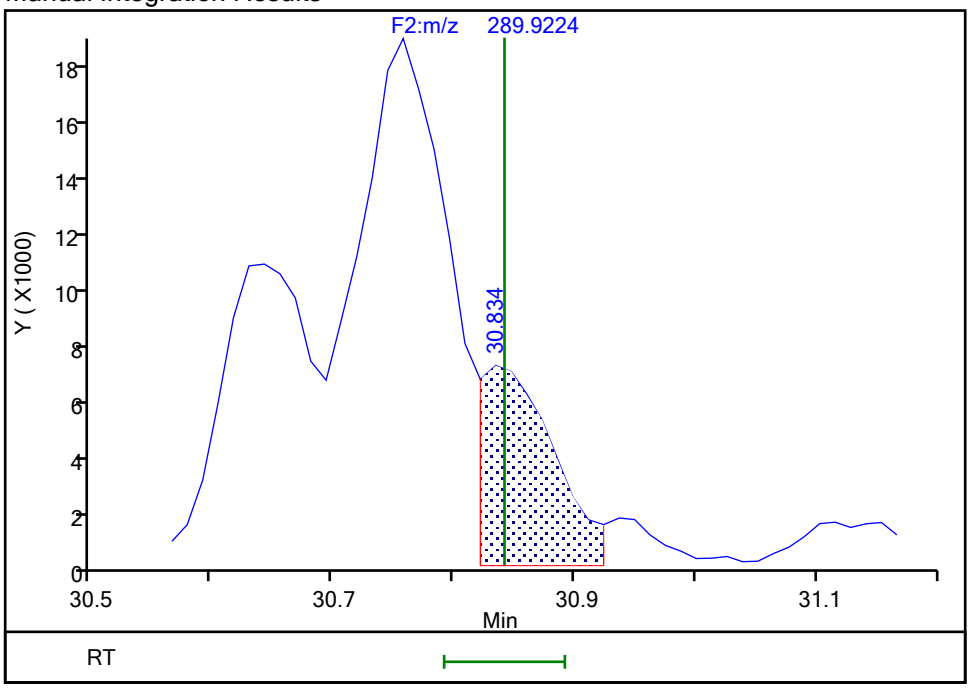
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.83
Area: 28083
Amount: 1.035023
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:36:16 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

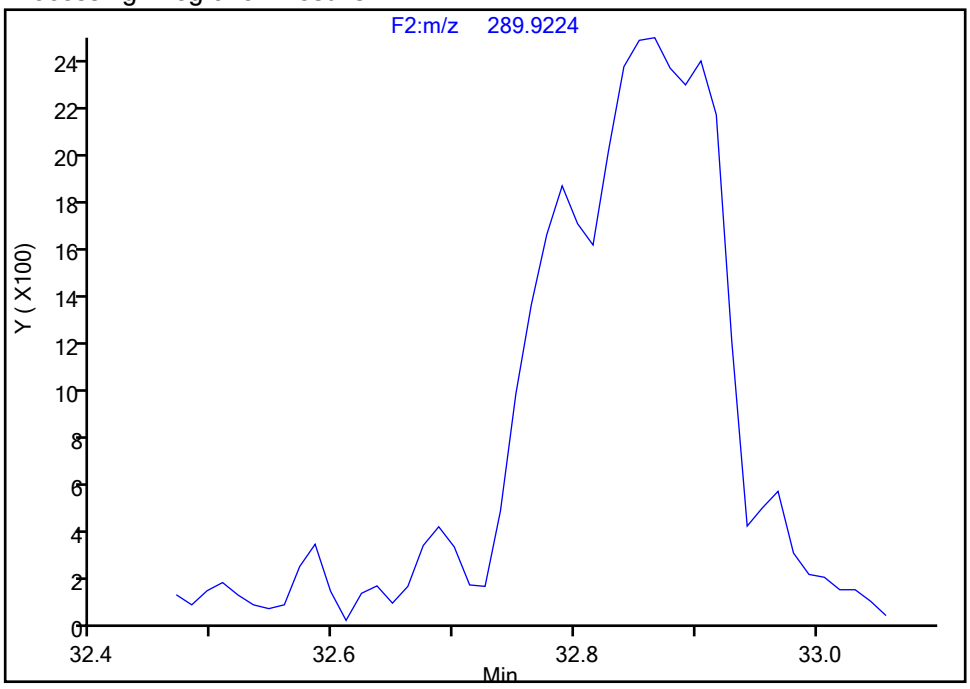
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-79, CAS: 41464-48-6

Signal: 1

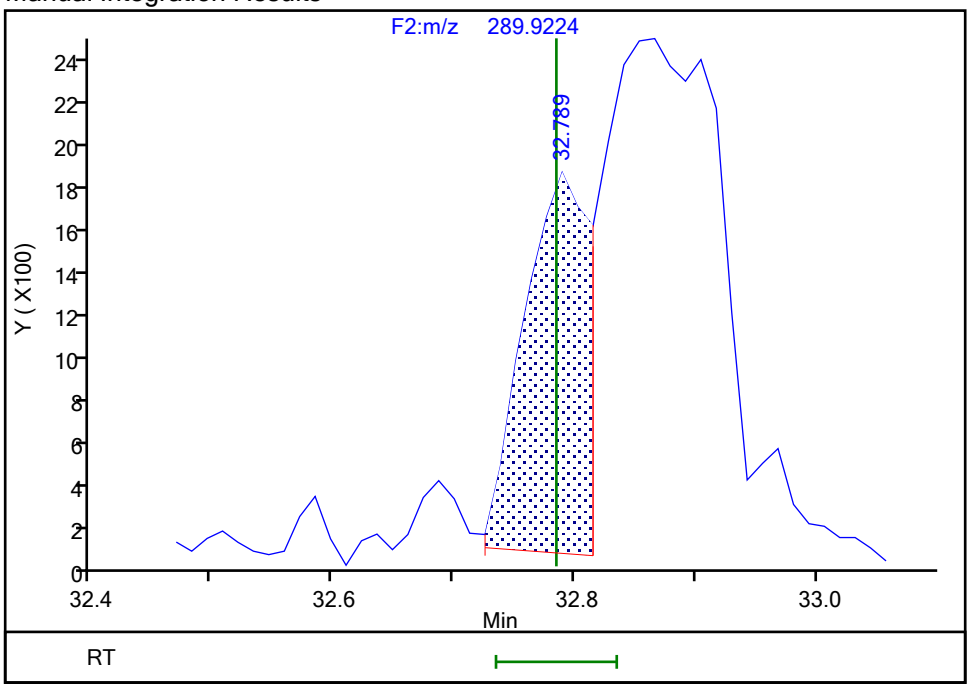
Not Detected
Expected RT: 32.78

Processing Integration Results



Manual Integration Results

RT: 32.79
Area: 6279
Amount: 0.249060
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:29:52 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

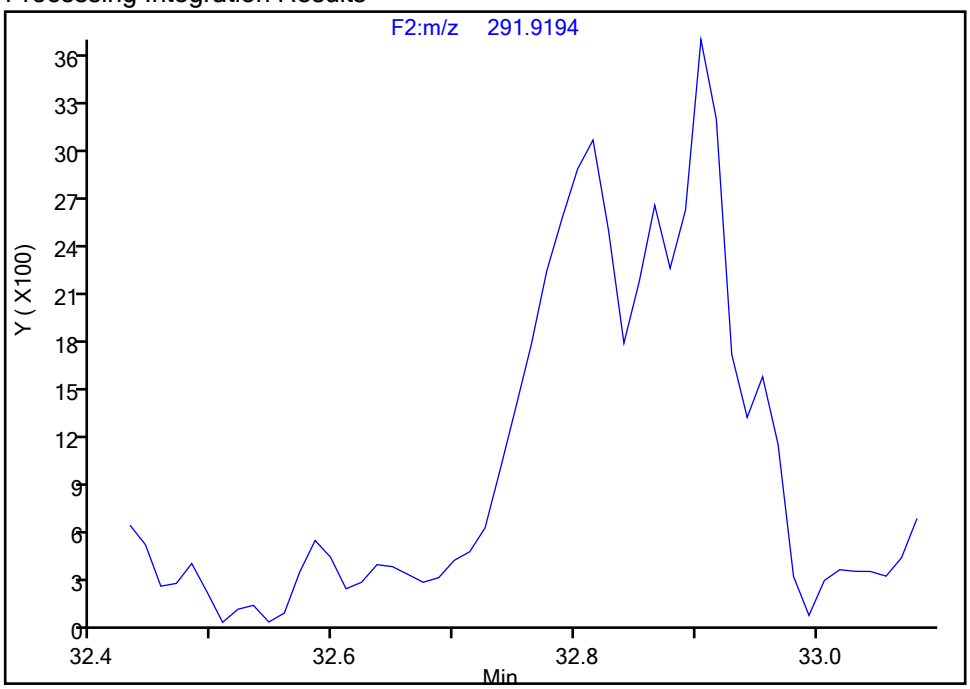
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-79, CAS: 41464-48-6

Signal: 2

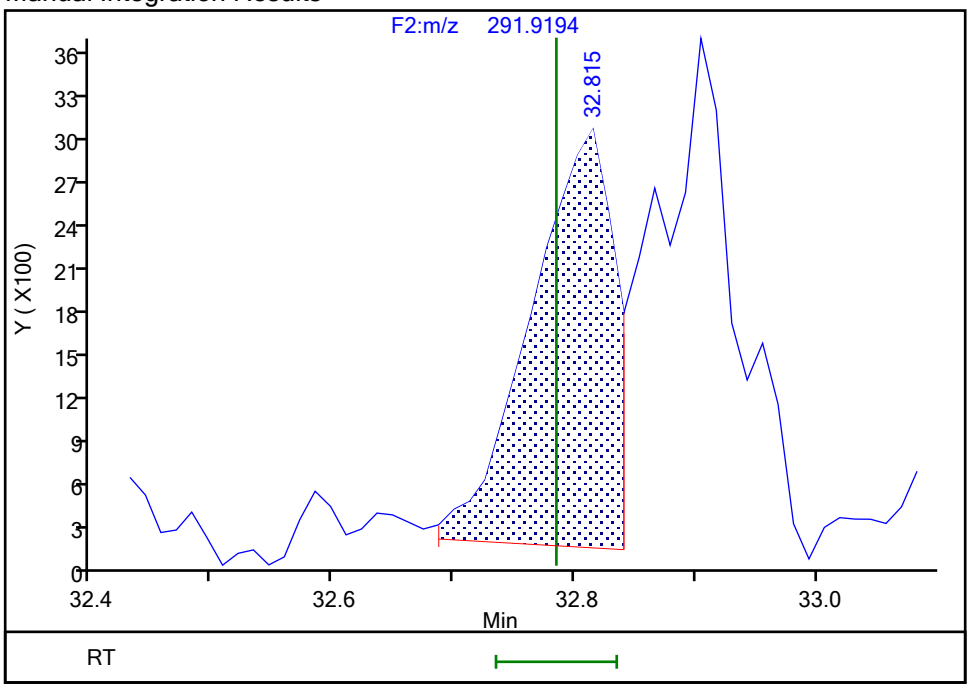
Not Detected
Expected RT: 32.78

Processing Integration Results



Manual Integration Results

RT: 32.81
Area: 13532
Amount: 0.249060
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:29:54 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

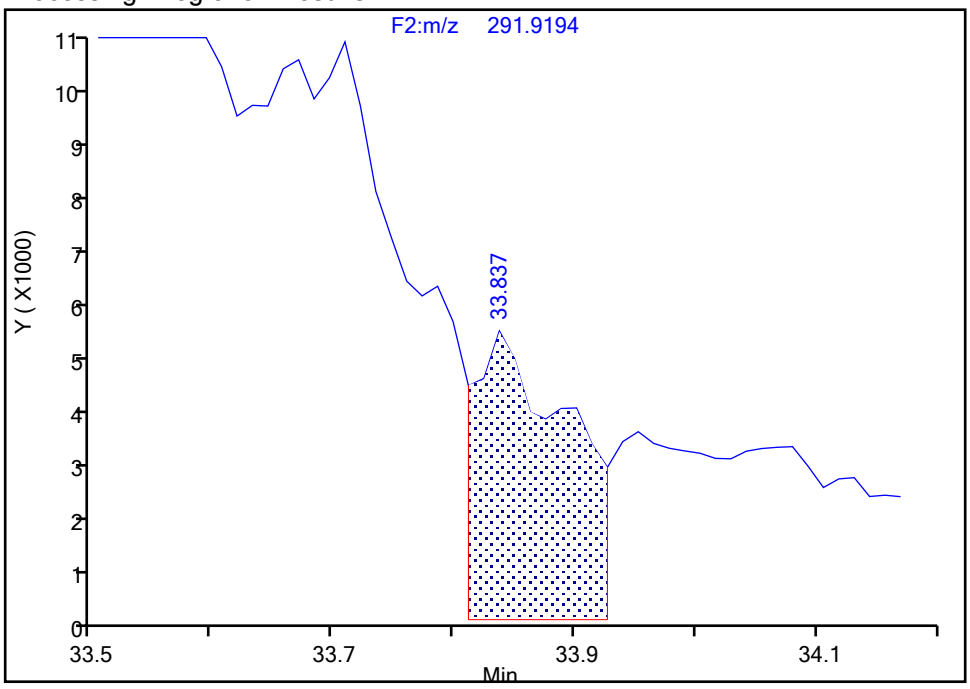
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 2

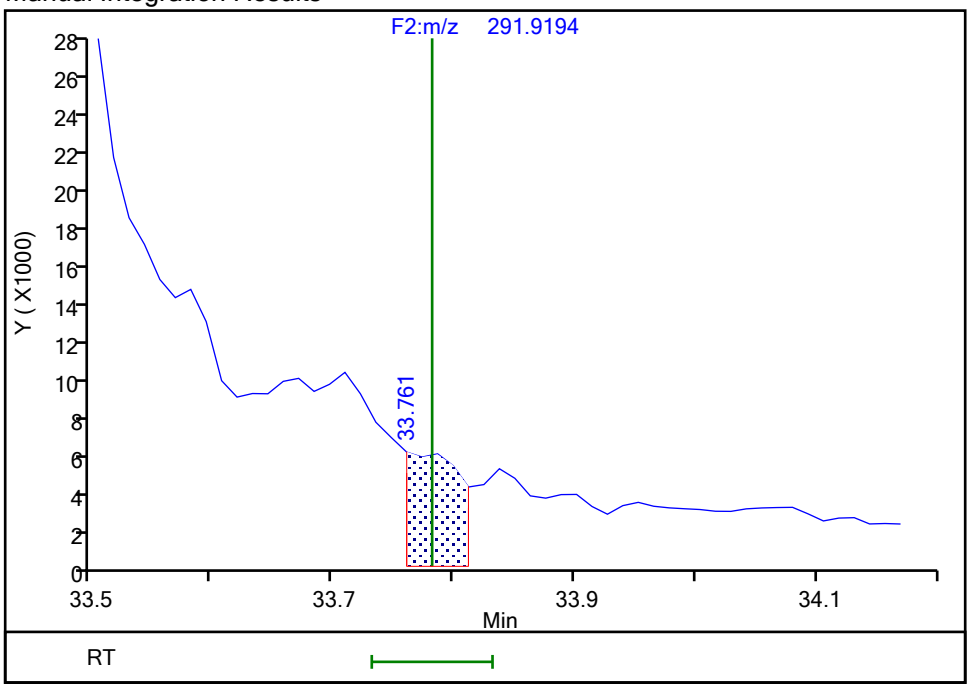
Processing Integration Results

RT: 33.84
Area: 27047
Amount: 0.814770
Amount Units: pg/ul



Manual Integration Results

RT: 33.76
Area: 16856
Amount: 0.554462
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:36:34 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

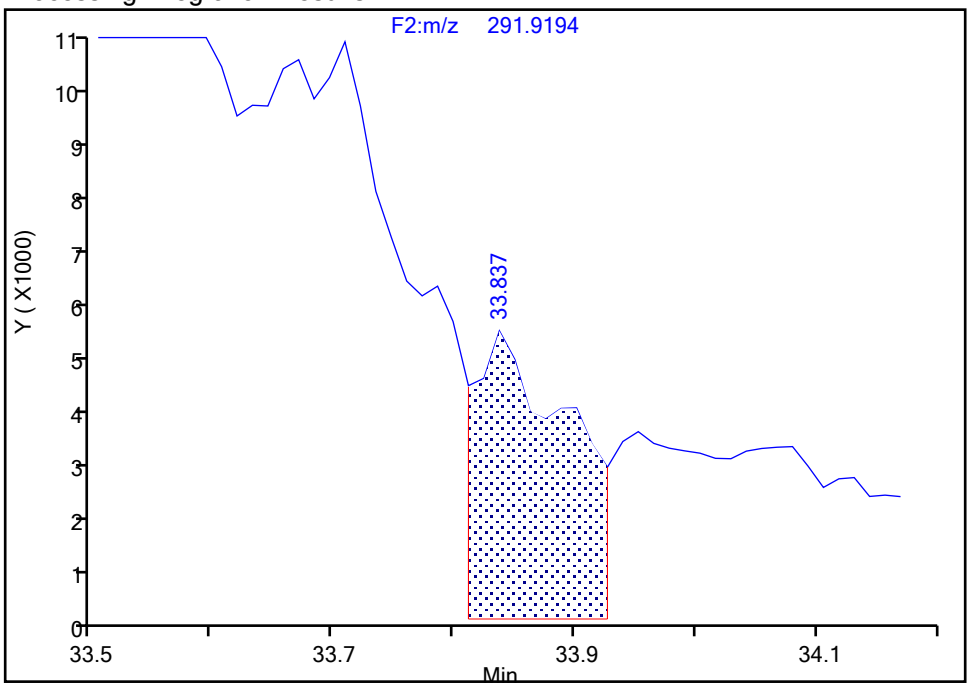
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 2

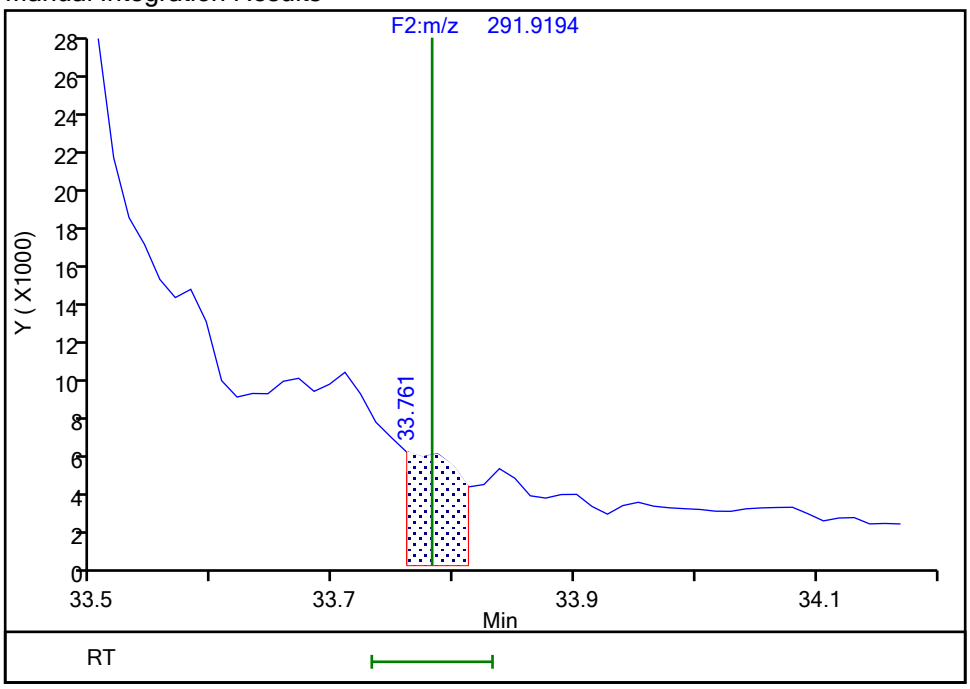
Processing Integration Results

RT: 33.84
Area: 27047
Amount: 0.814770
Amount Units: pg/ul



Manual Integration Results

RT: 33.76
Area: 16856
Amount: 0.554462
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:36:37 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

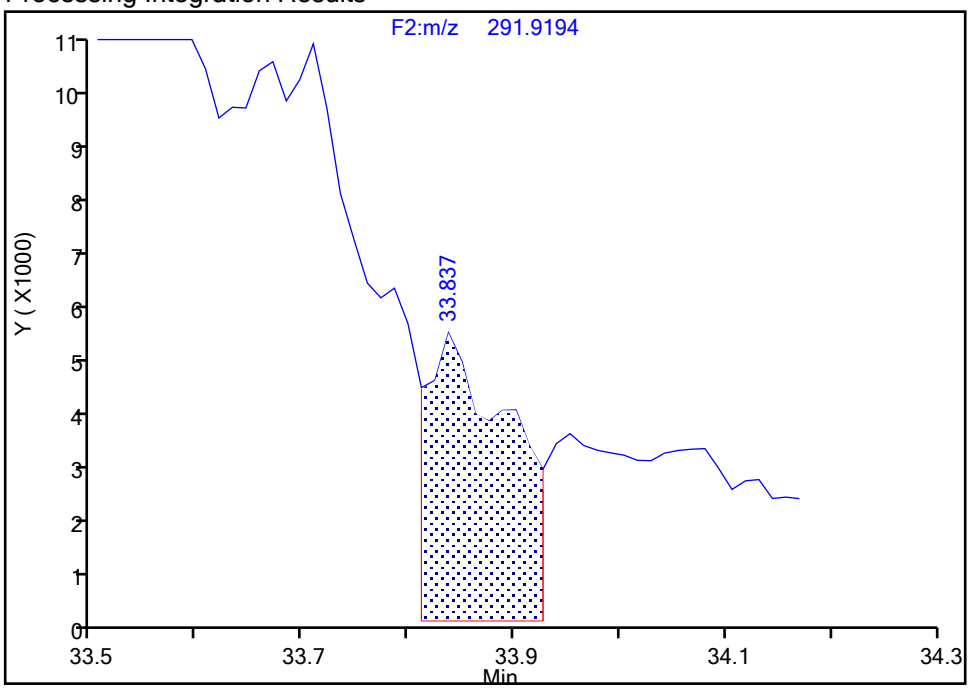
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Injection Date: 04-Jan-2024 17:05:00 Instrument ID: D2D
Lims ID: 140-34509-A-5-B Lab Sample ID: 140-34509-5
Client ID: PW-03
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-81, CAS: 70362-50-4

Signal: 3

Processing Integration Results

RT: 33.82
Area: 44631
Amount: 0.814770
Amount Units: pg/ul



Manual Integration Results

RT: 33.77
Area: 30372
Amount: 0.554462
Amount Units: pg/ul
Reviewer: V4XA, 04-Jan-2024 23:36:37 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

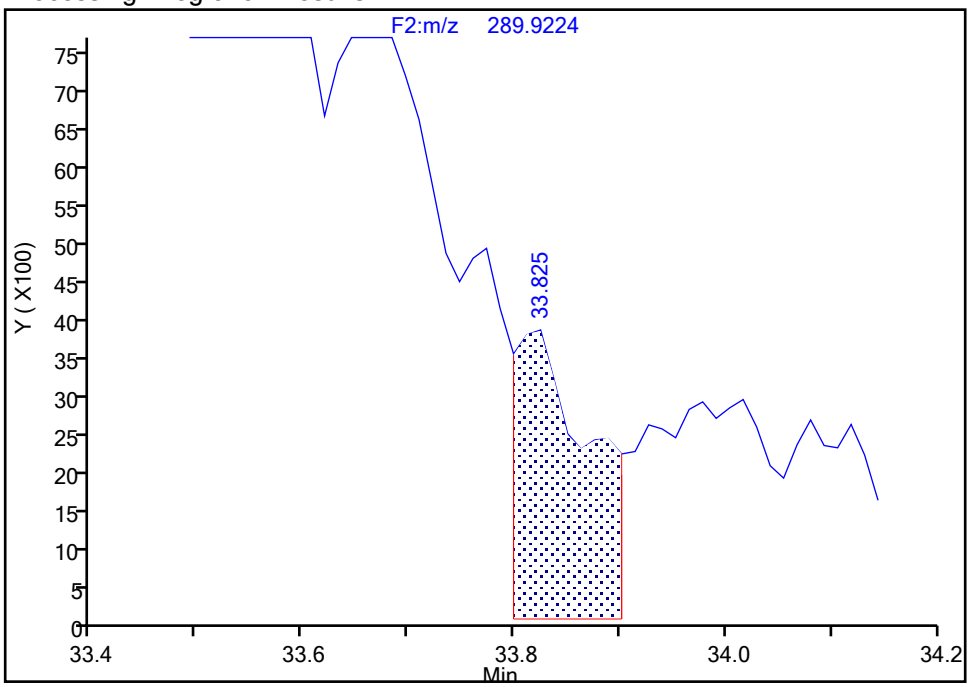
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 1

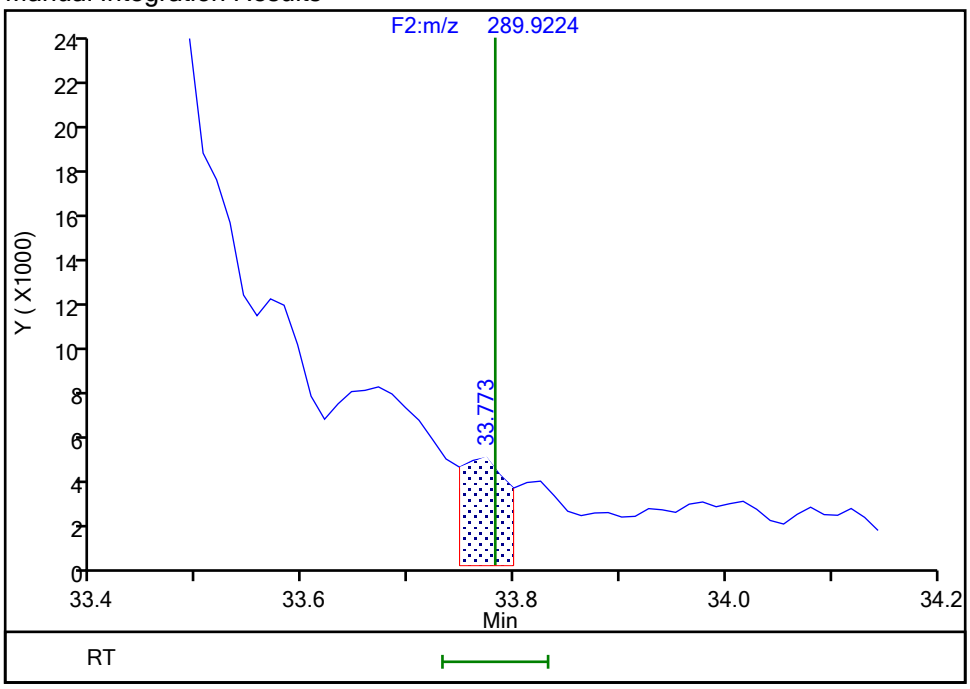
Processing Integration Results

RT: 33.82
Area: 17584
Amount: 0.814770
Amount Units: pg/ul



Manual Integration Results

RT: 33.77
Area: 13516
Amount: 0.554462
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:36:39 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

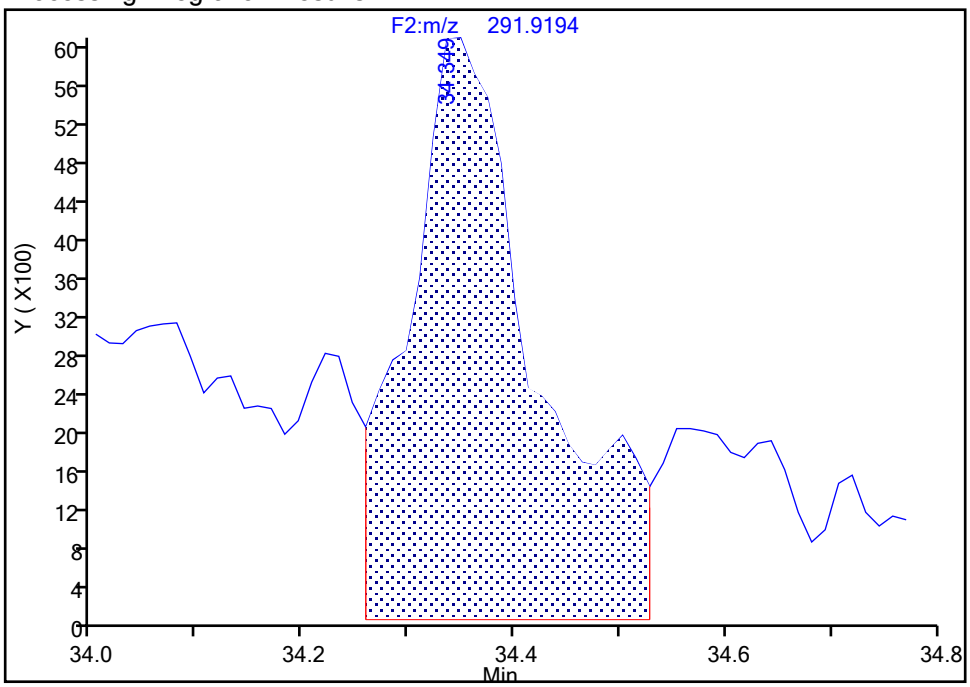
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-77, CAS: 32598-13-3

Signal: 2

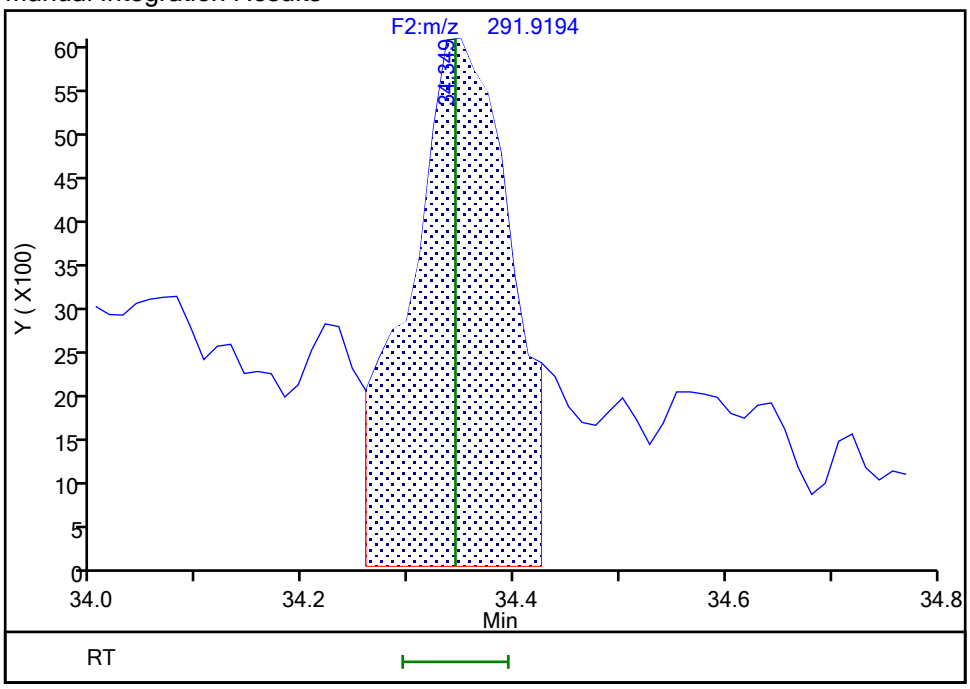
Processing Integration Results

RT: 34.35
Area: 50899
Amount: 1.339250
Amount Units: pg/ul



Manual Integration Results

RT: 34.35
Area: 39875
Amount: 1.152064
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:36:48 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

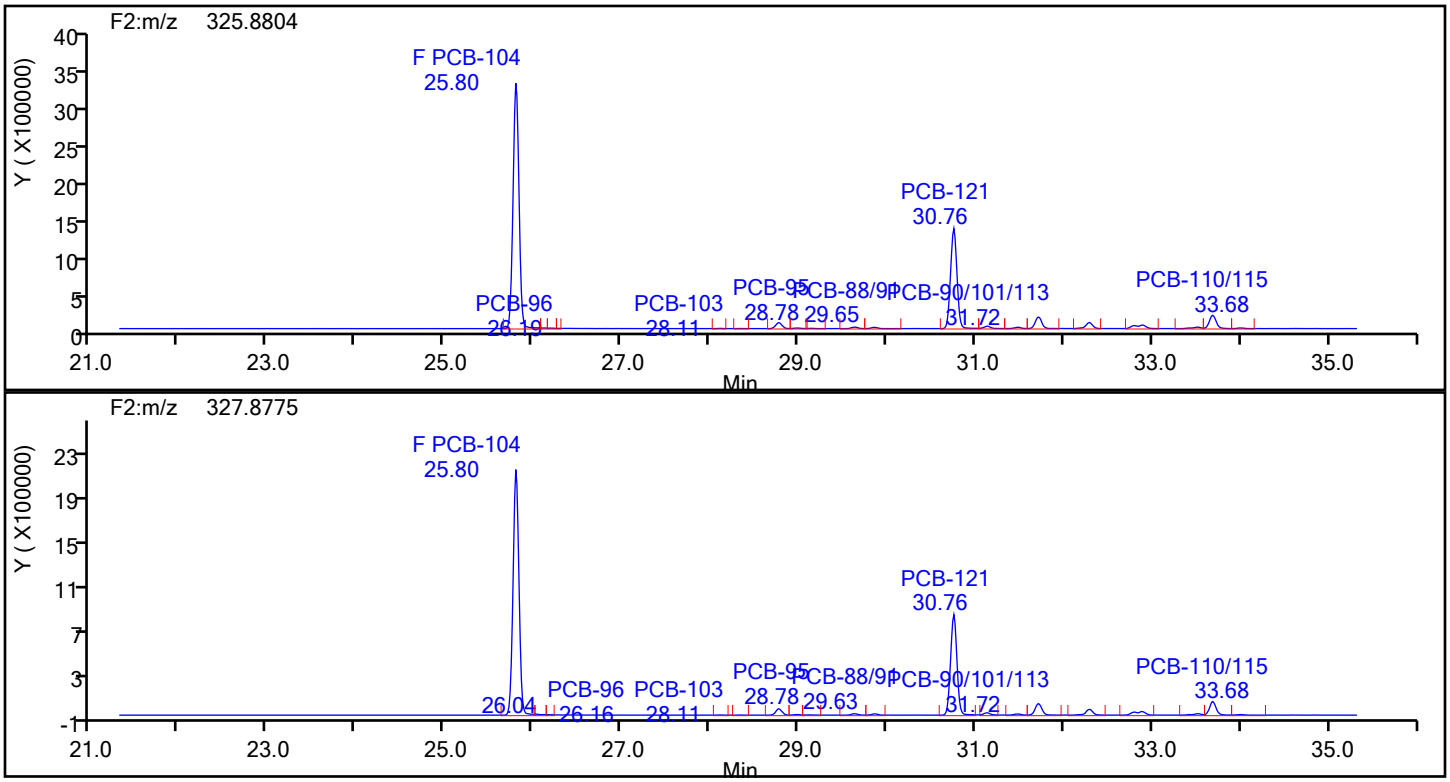
Report Date: 05-Jan-2024 00:10:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

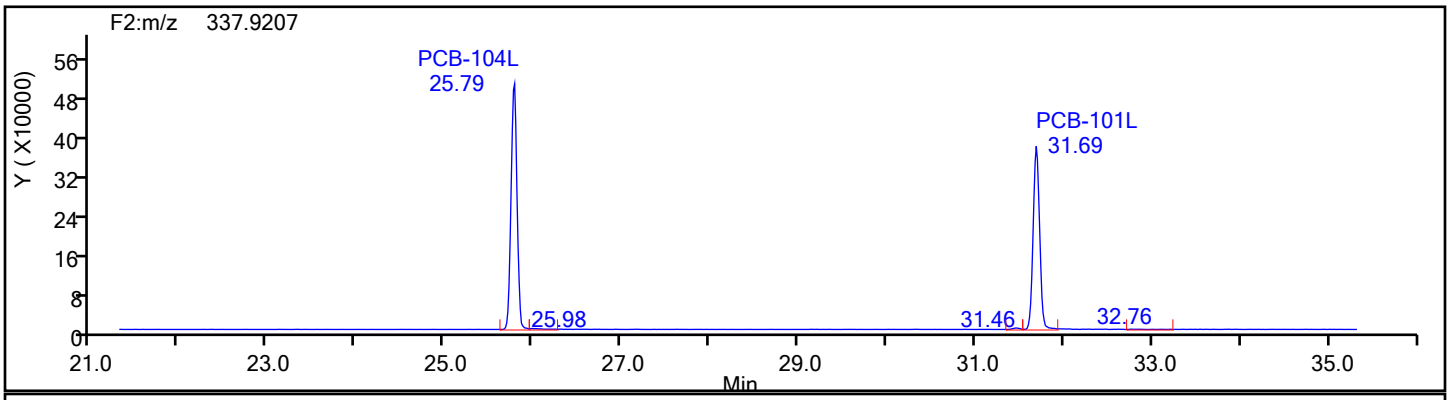
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

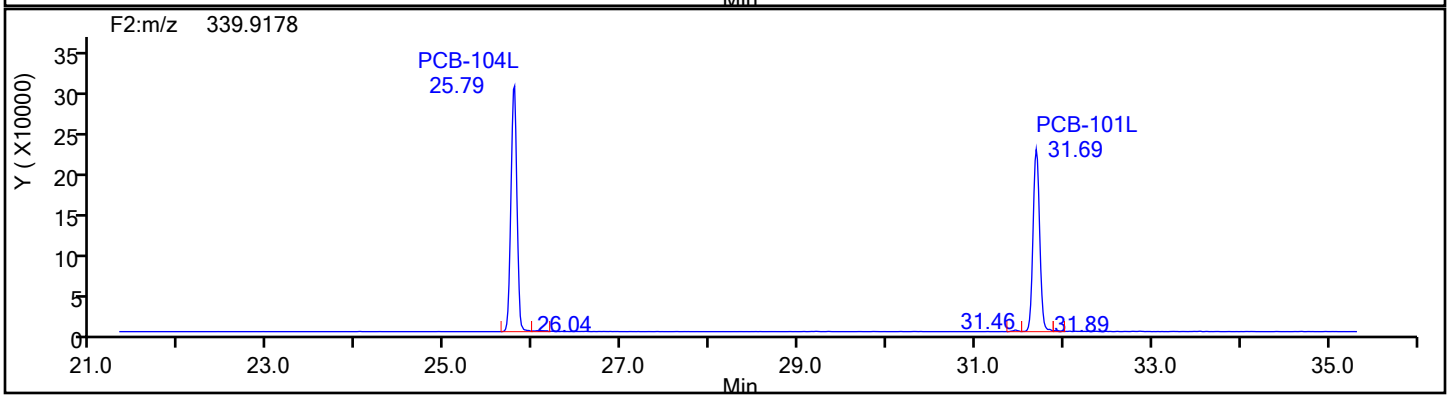
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

PePCB F2



PePCB F2 Standards



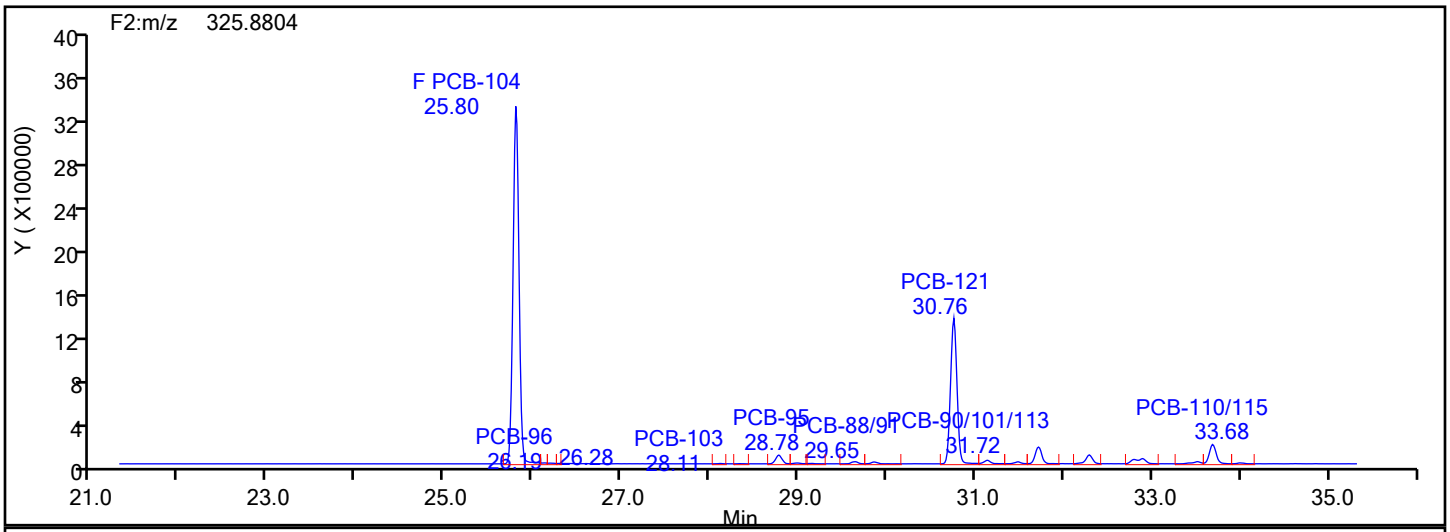


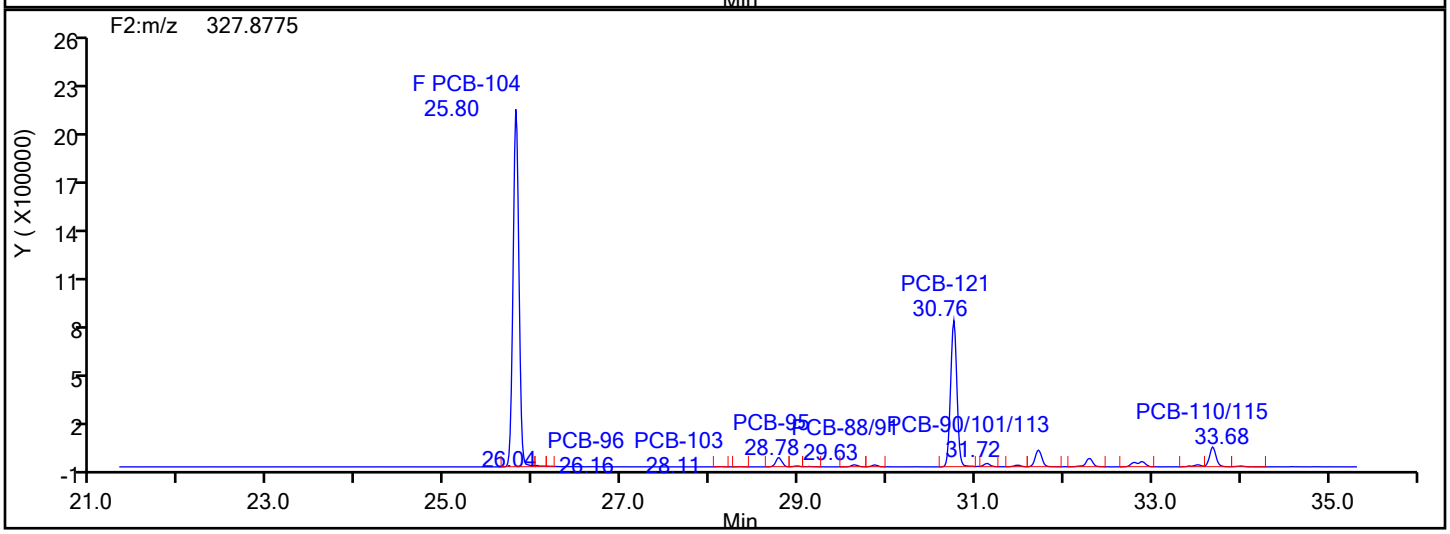
Report Date: 05-Jan-2024 00:10:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

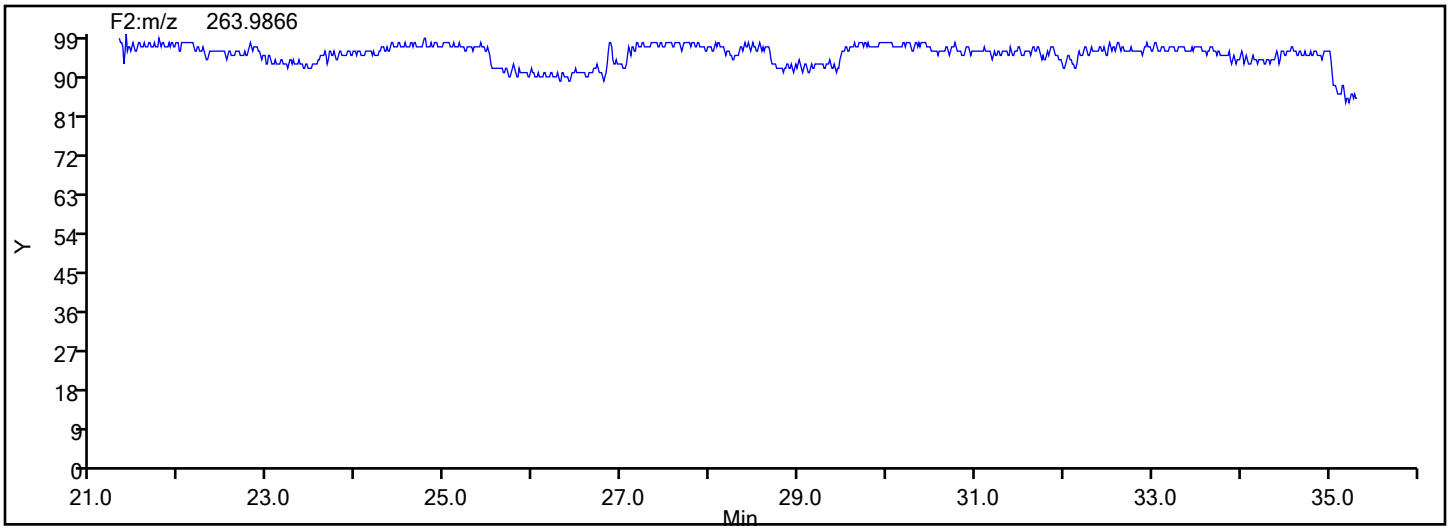
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

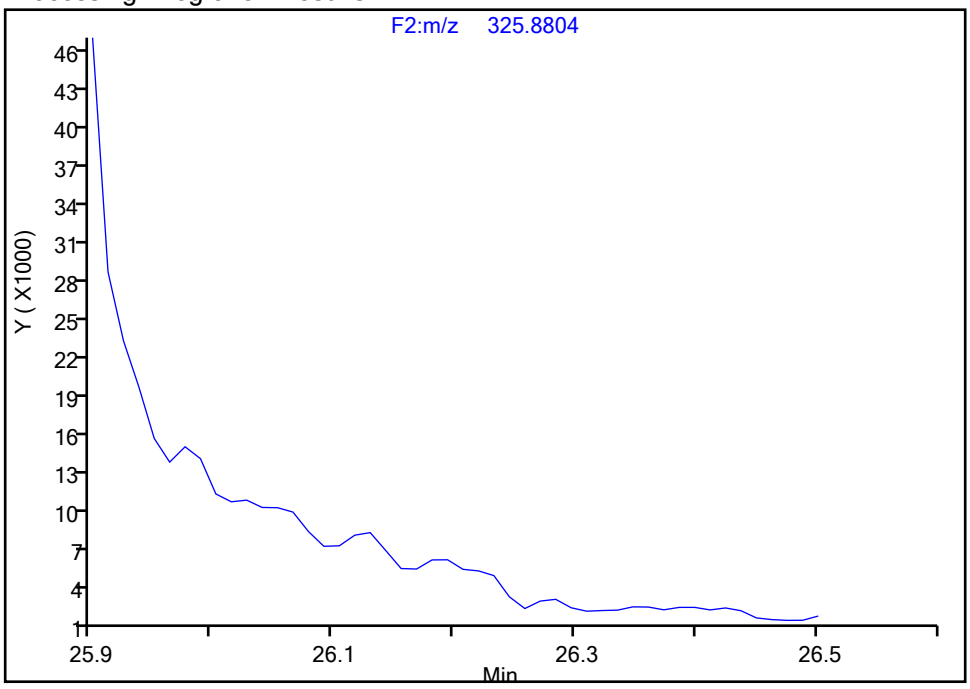
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-96, CAS: 73575-54-9

Signal: 1

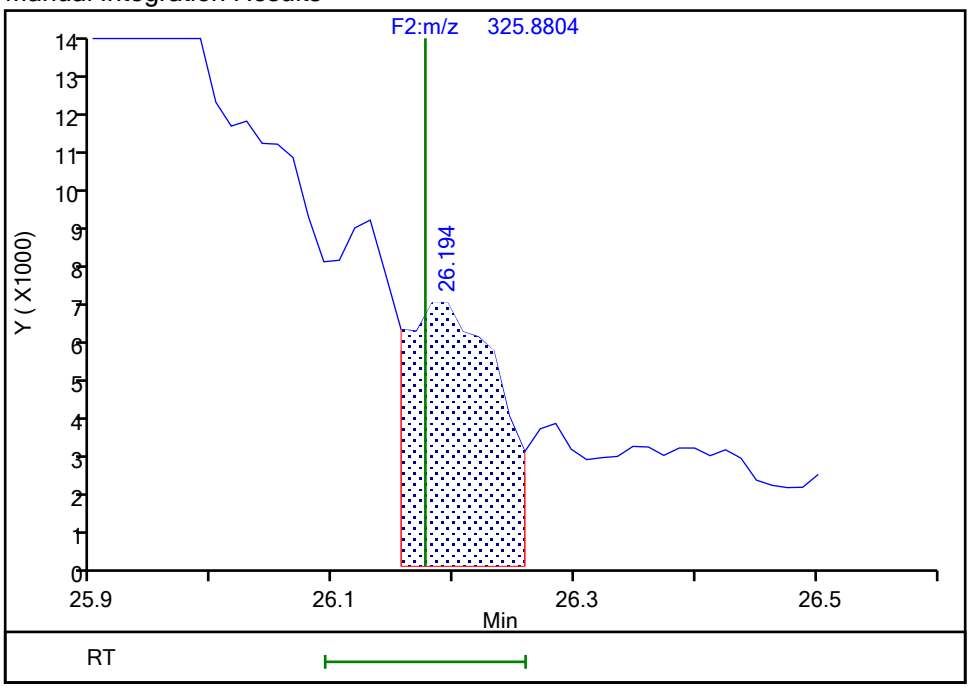
Not Detected
Expected RT: 26.18

Processing Integration Results



RT: 26.19
Area: 33817
Amount: 1.205124
Amount Units: pg/ul

Manual Integration Results



Reviewer: V4XA, 04-Jan-2024 23:37:24 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

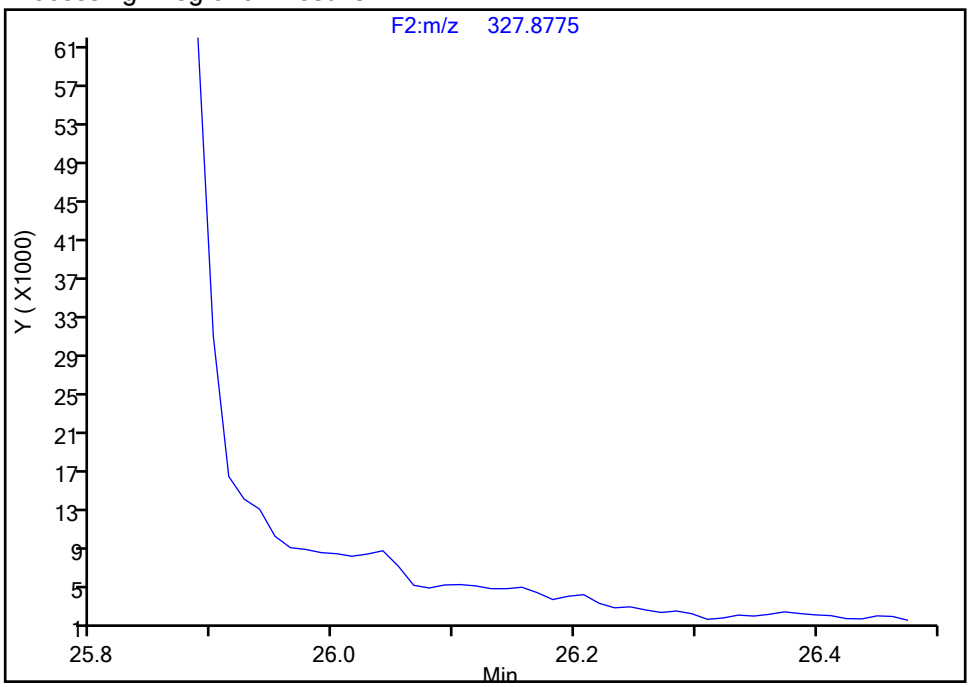
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-96, CAS: 73575-54-9

Signal: 2

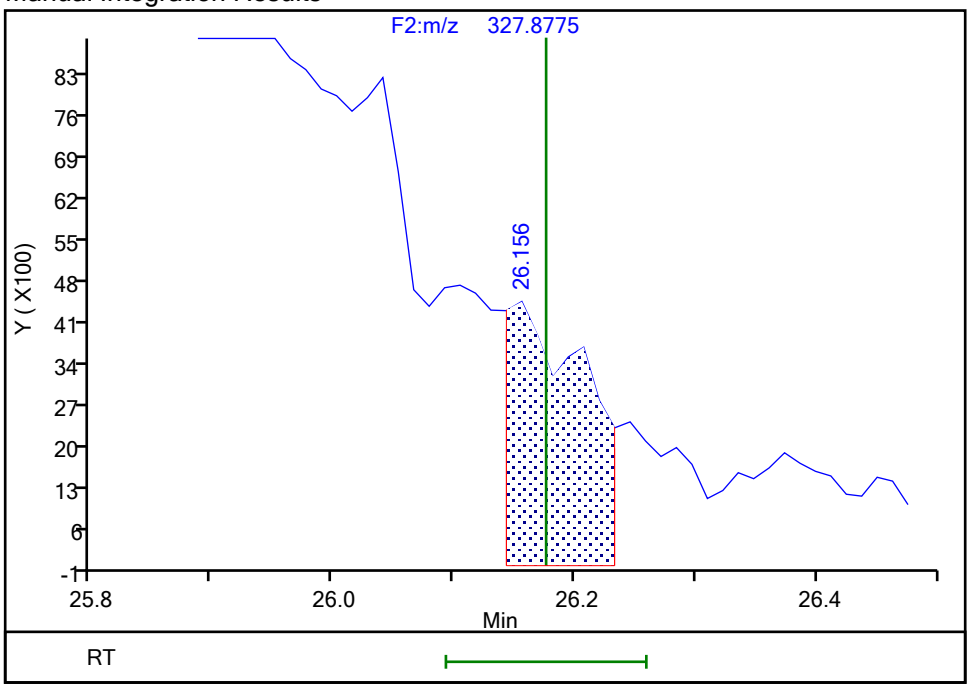
Not Detected
Expected RT: 26.18

Processing Integration Results



Manual Integration Results

RT: 26.16
Area: 19013
Amount: 1.205124
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:37:54 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

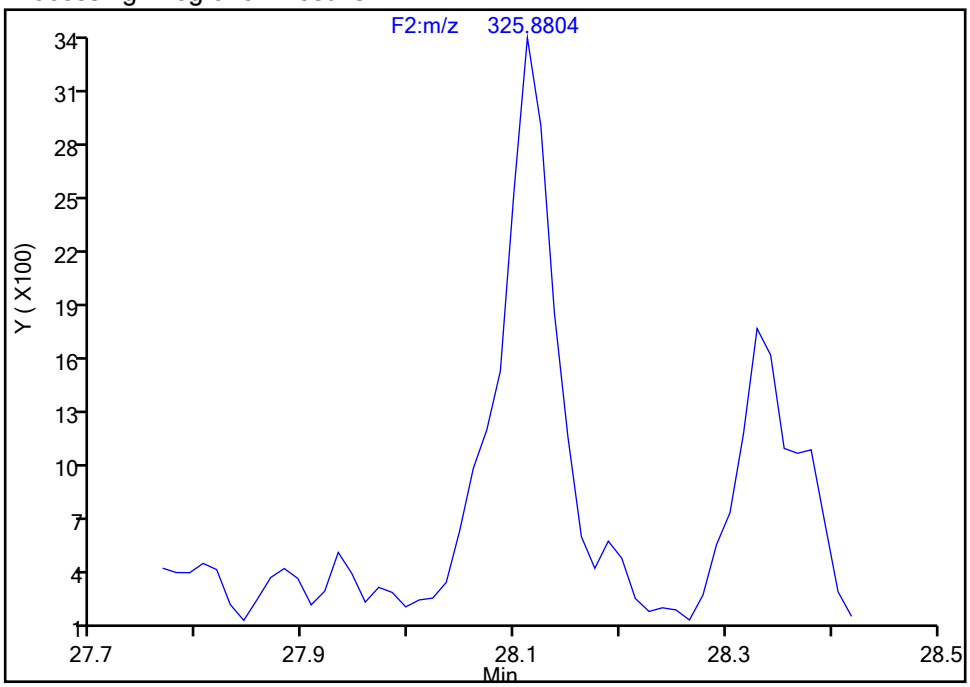
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-103, CAS: 60145-21-3

Signal: 1

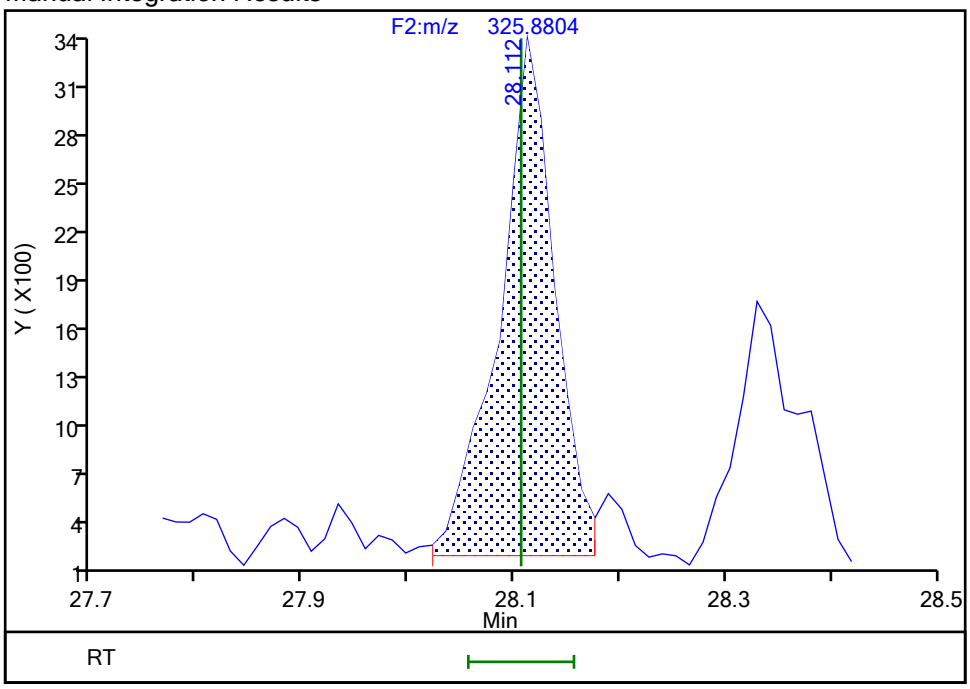
Not Detected
Expected RT: 28.11

Processing Integration Results



Manual Integration Results

RT: 28.11
Area: 11338
Amount: 0.564200
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:38:11 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

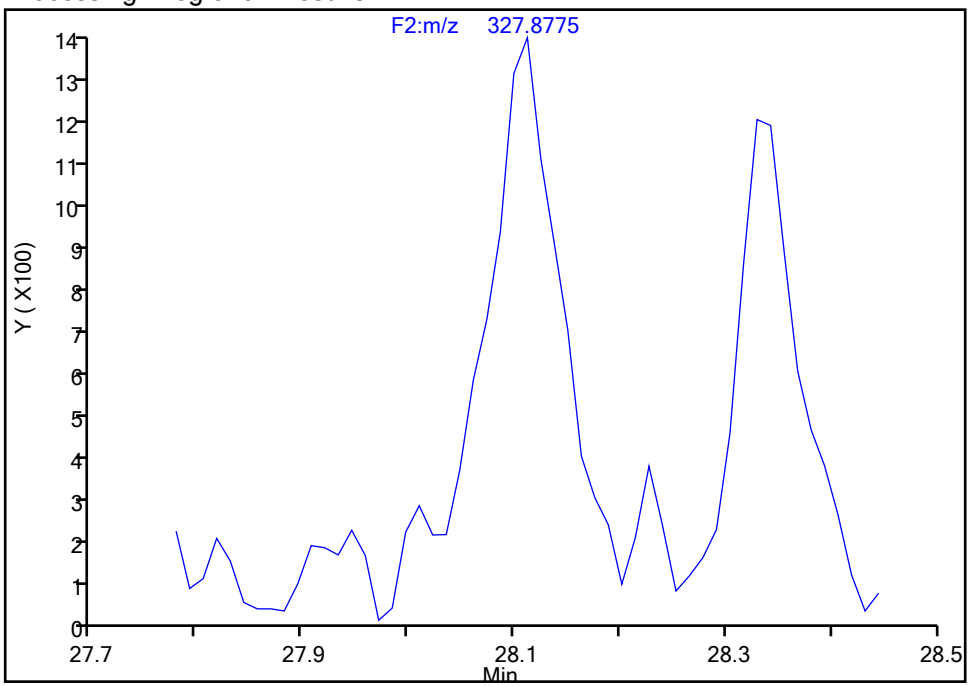
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Injection Date: 04-Jan-2024 17:05:00 Instrument ID: D2D
Lims ID: 140-34509-A-5-B Lab Sample ID: 140-34509-5
Client ID: PW-03
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-103, CAS: 60145-21-3

Signal: 2

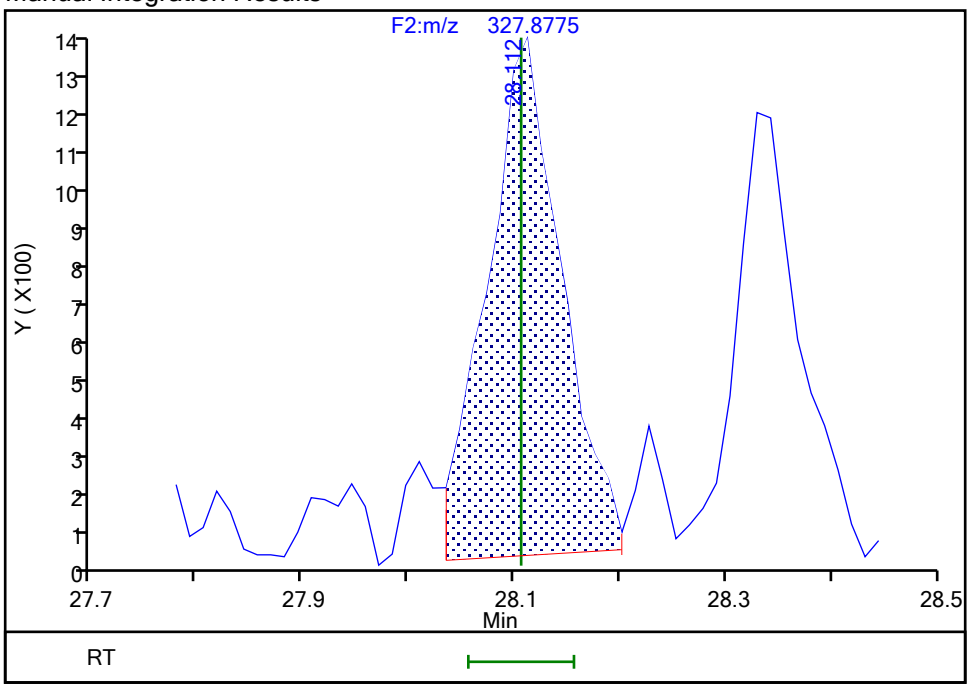
Not Detected
Expected RT: 28.11

Processing Integration Results



Manual Integration Results

RT: 28.11
Area: 6553
Amount: 0.564200
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:38:18 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

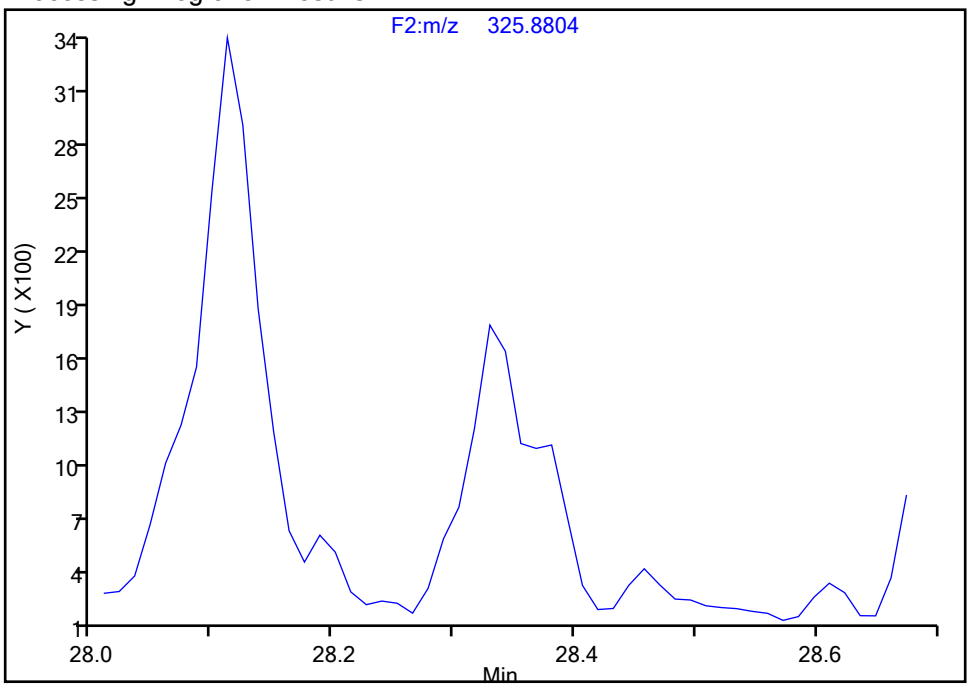
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-94, CAS: 73575-55-0

Signal: 1

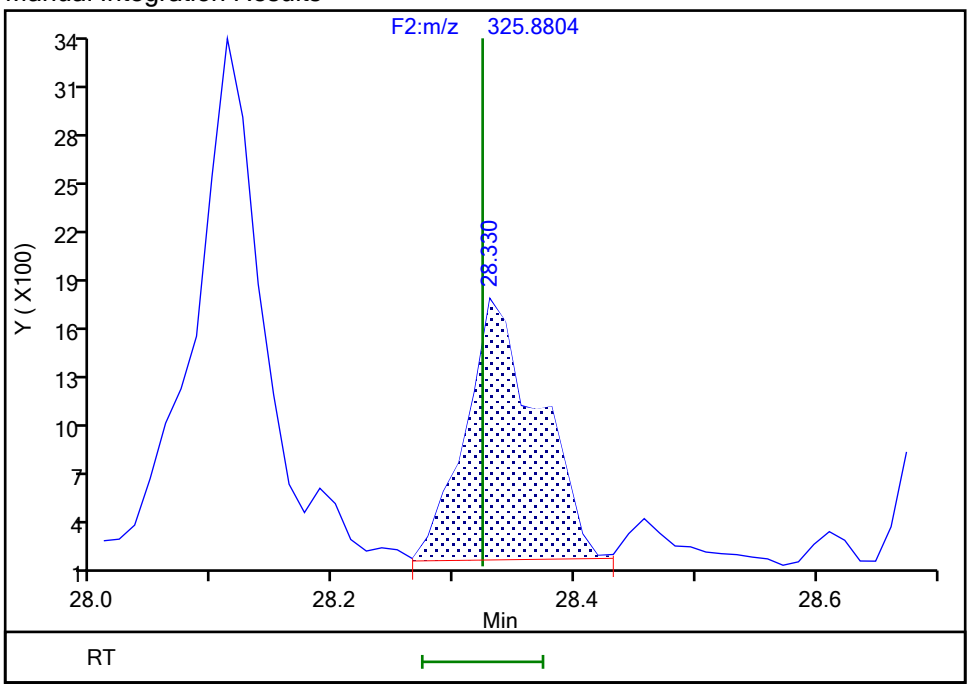
Not Detected
Expected RT: 28.32

Processing Integration Results



Manual Integration Results

RT: 28.33
Area: 6802
Amount: 0.436138
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:38:29 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

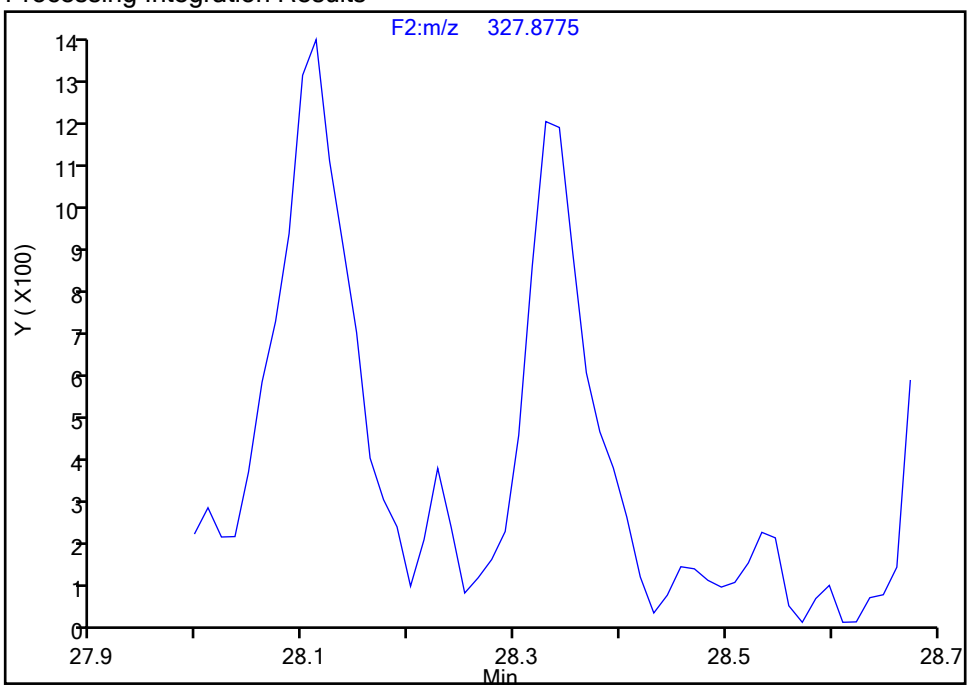
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-94, CAS: 73575-55-0

Signal: 2

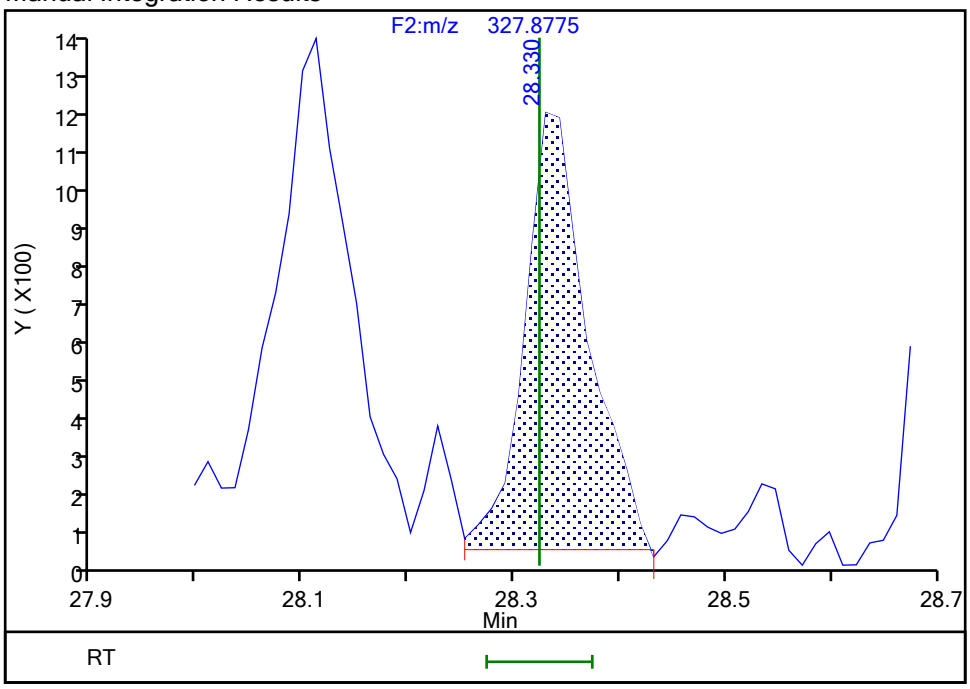
Not Detected
Expected RT: 28.32

Processing Integration Results



Manual Integration Results

RT: 28.33
Area: 4741
Amount: 0.436138
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:38:33 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

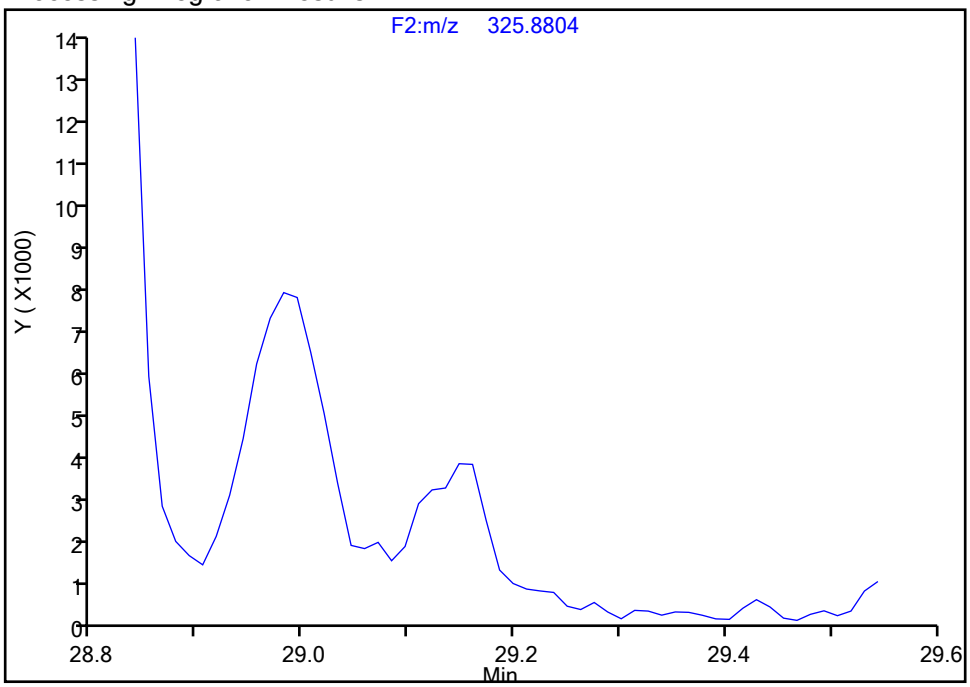
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-98/102, CAS: STL01843

Signal: 1

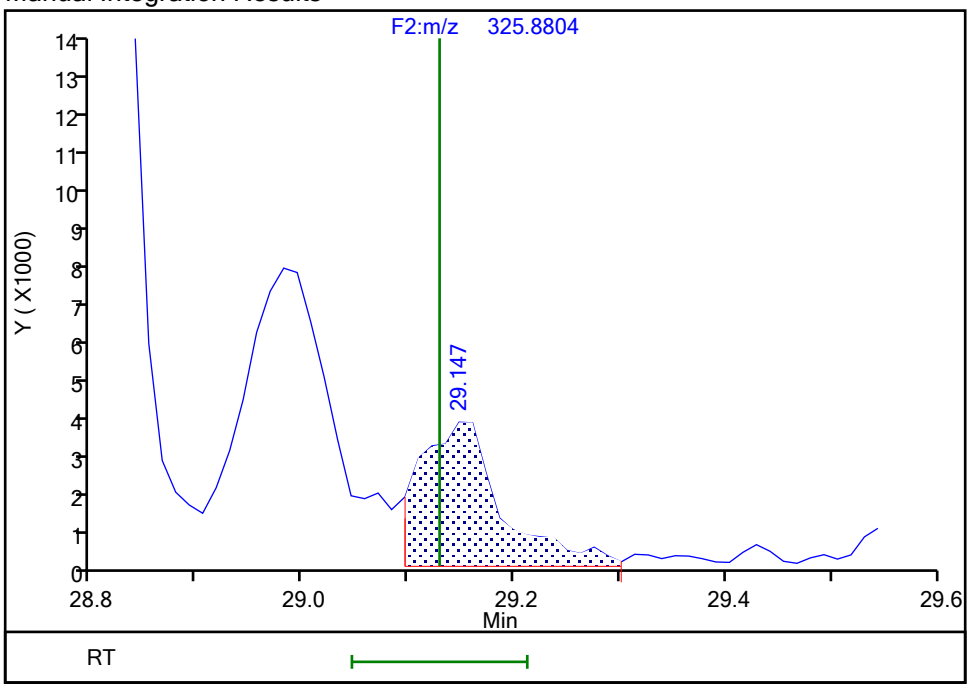
Not Detected
Expected RT: 29.13

Processing Integration Results



Manual Integration Results

RT: 29.15
Area: 19096
Amount: 0.958464
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:38:40 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

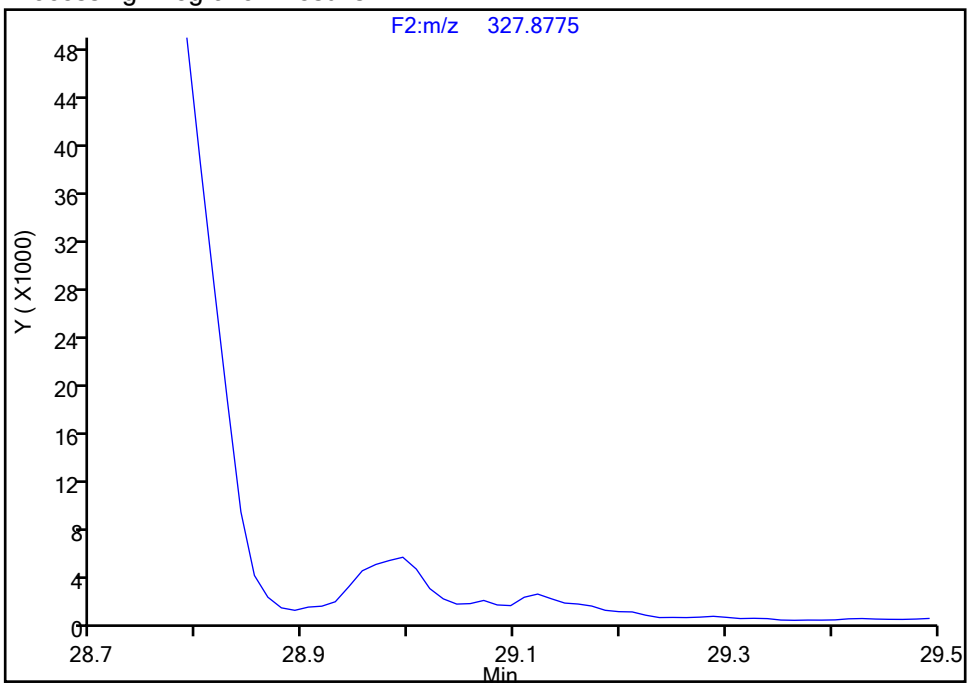
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-98/102, CAS: STL01843

Signal: 2

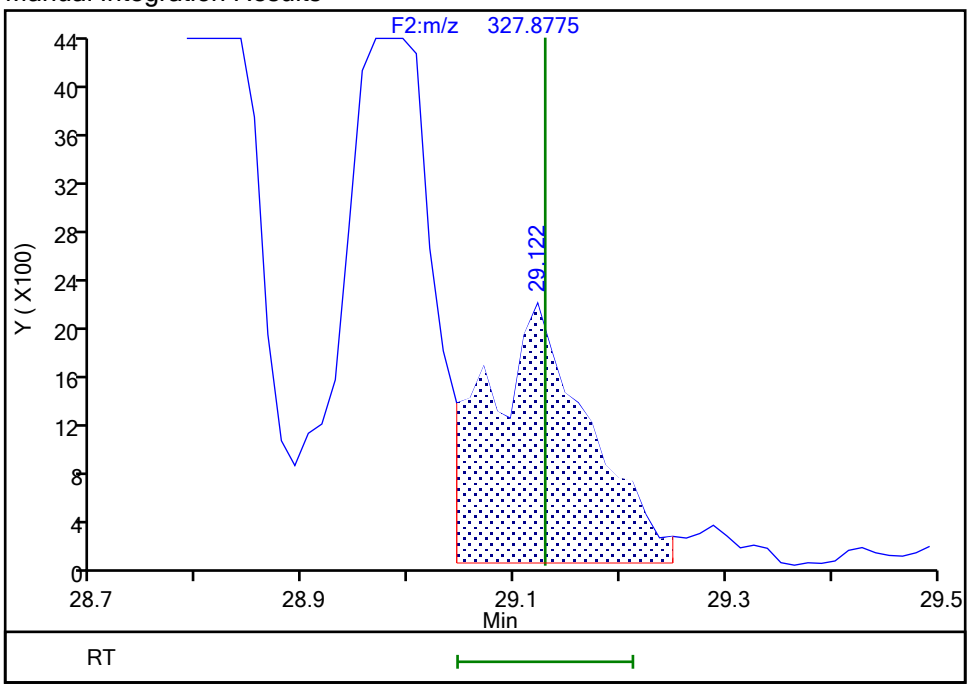
Not Detected
Expected RT: 29.13

Processing Integration Results



Manual Integration Results

RT: 29.12
Area: 14421
Amount: 0.958464
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:38:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

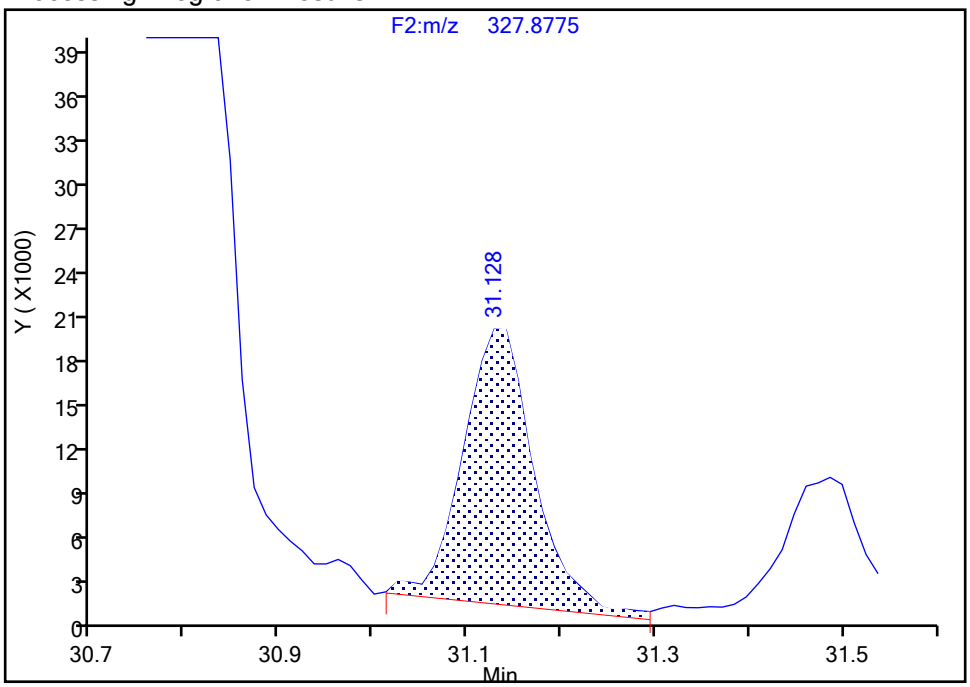
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-92, CAS: 52663-61-3

Signal: 2

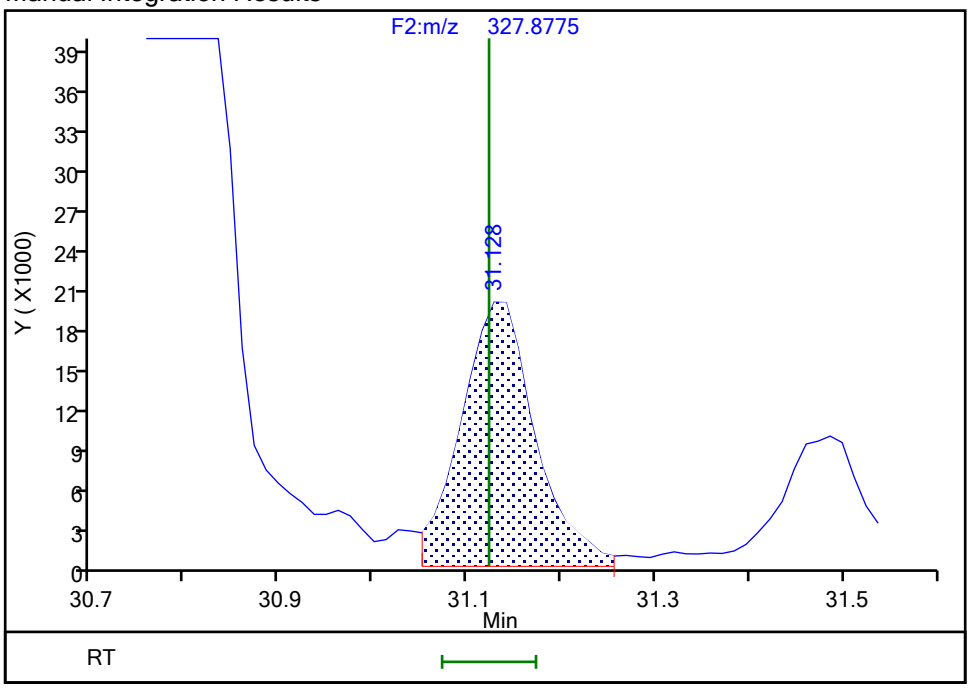
Processing Integration Results

RT: 31.13
Area: 98426
Amount: 9.431132
Amount Units: pg/ul



Manual Integration Results

RT: 31.13
Area: 107321
Amount: 9.730373
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:39:21 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

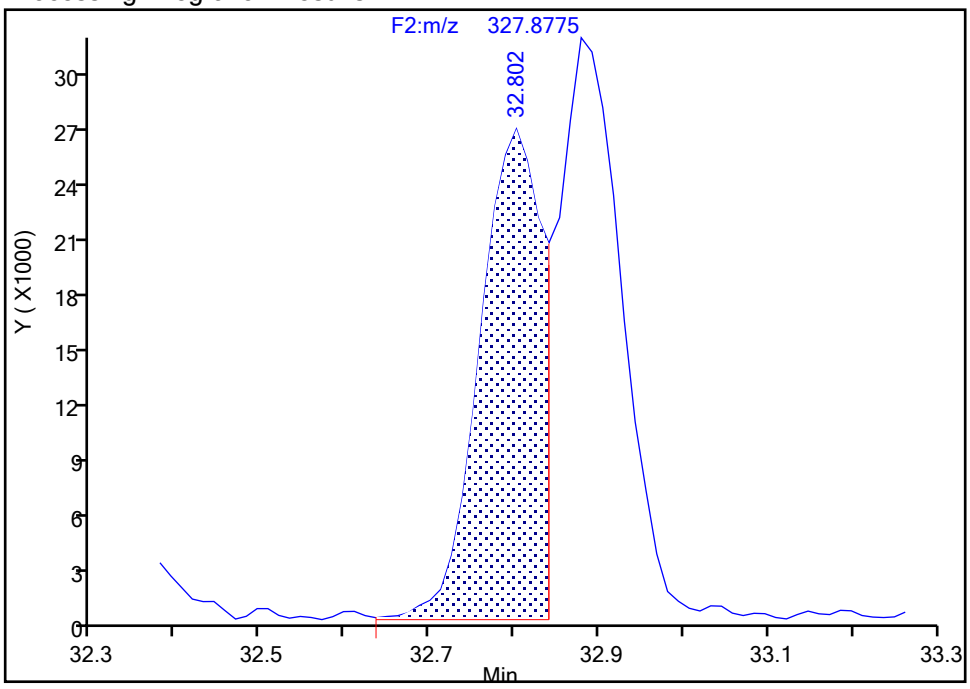
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

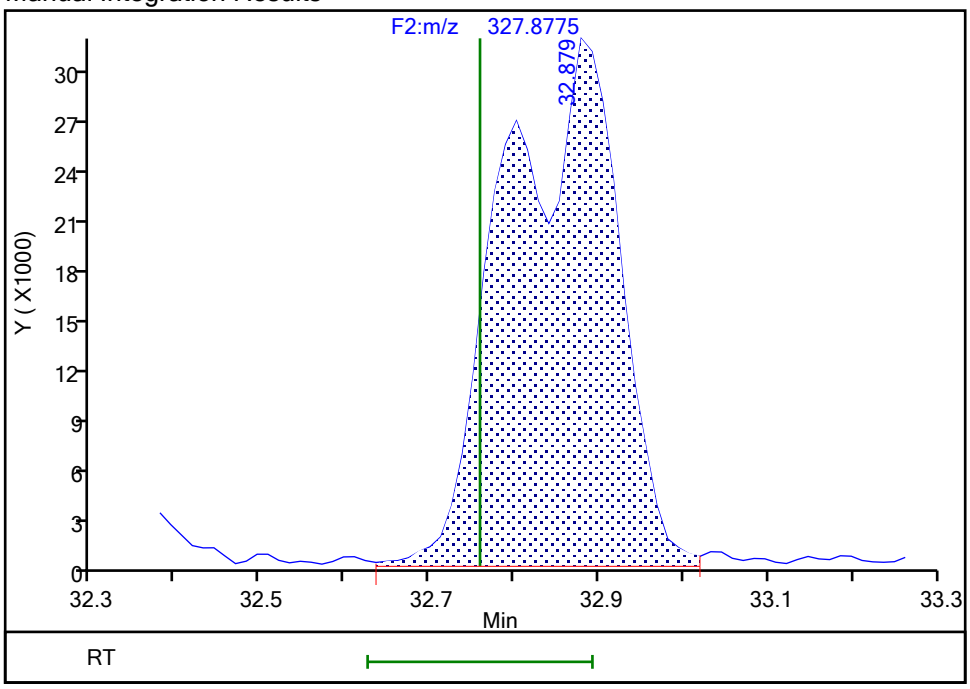
Processing Integration Results

RT: 32.80
Area: 132016
Amount: 8.675628
Amount Units: pg/ul



Manual Integration Results

RT: 32.88
Area: 293482
Amount: 19.504191
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:39:37 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

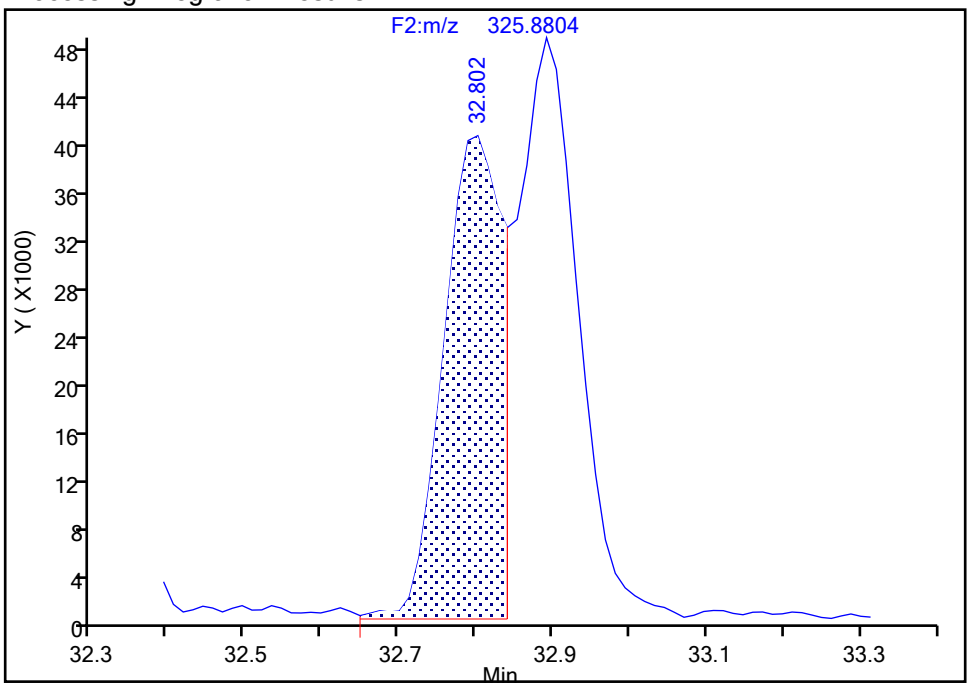
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

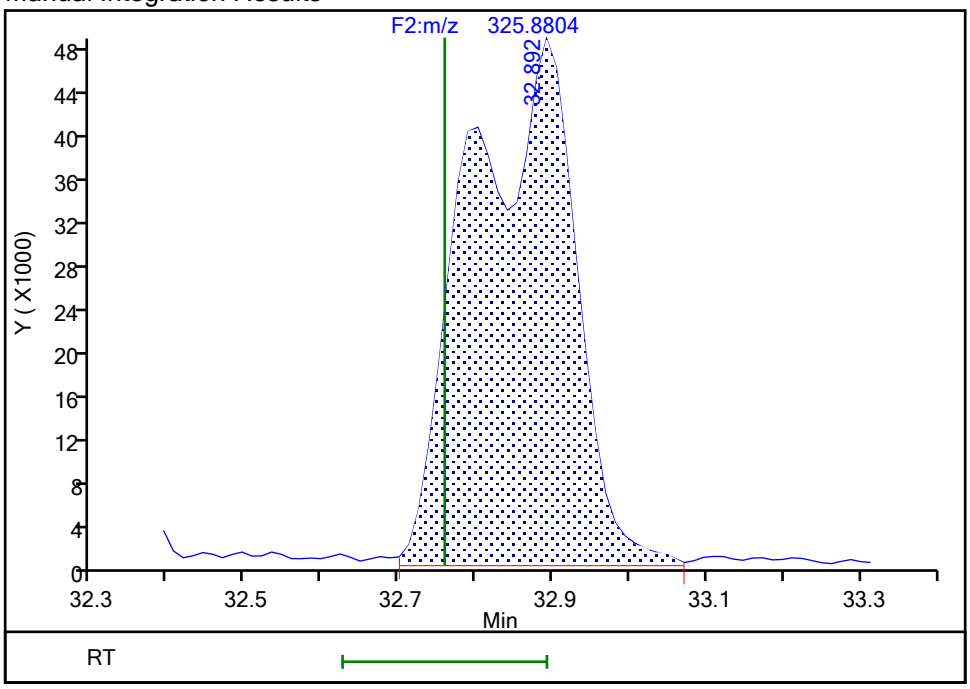
Processing Integration Results

RT: 32.80
Area: 207722
Amount: 8.675628
Amount Units: pg/ul



Manual Integration Results

RT: 32.89
Area: 470303
Amount: 19.504191
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:39:44 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

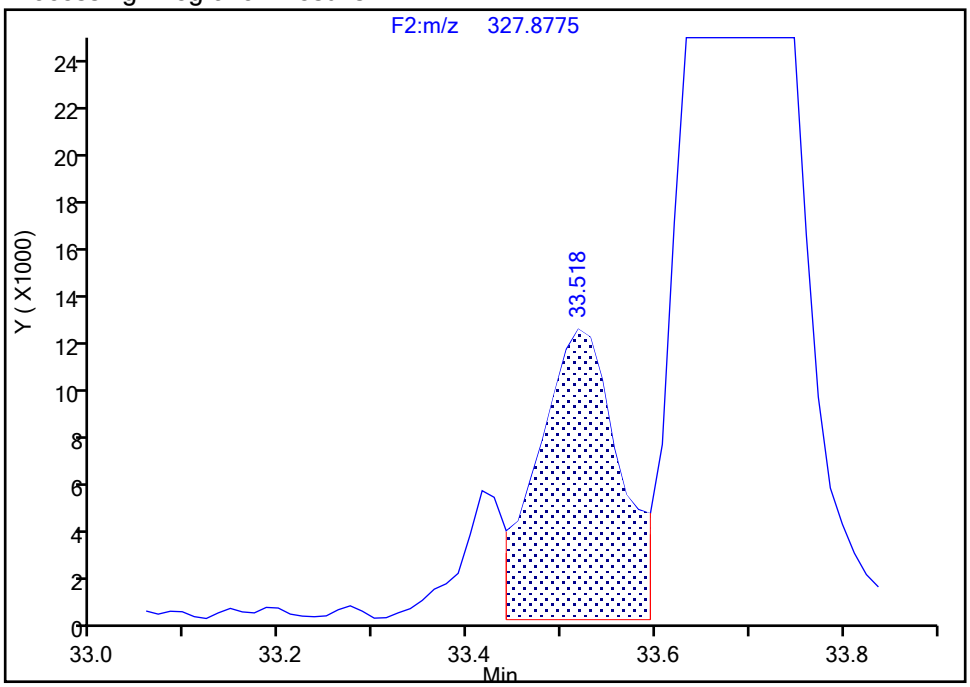
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 2

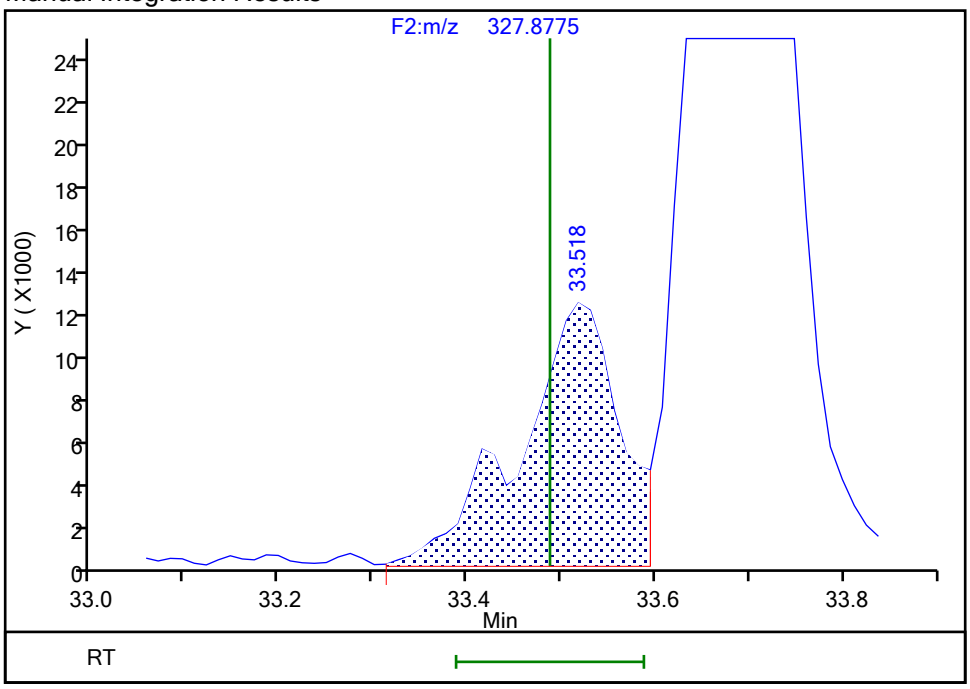
Processing Integration Results

RT: 33.52
Area: 70959
Amount: 5.485437
Amount Units: pg/ul



Manual Integration Results

RT: 33.52
Area: 86973
Amount: 5.896177
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:39:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

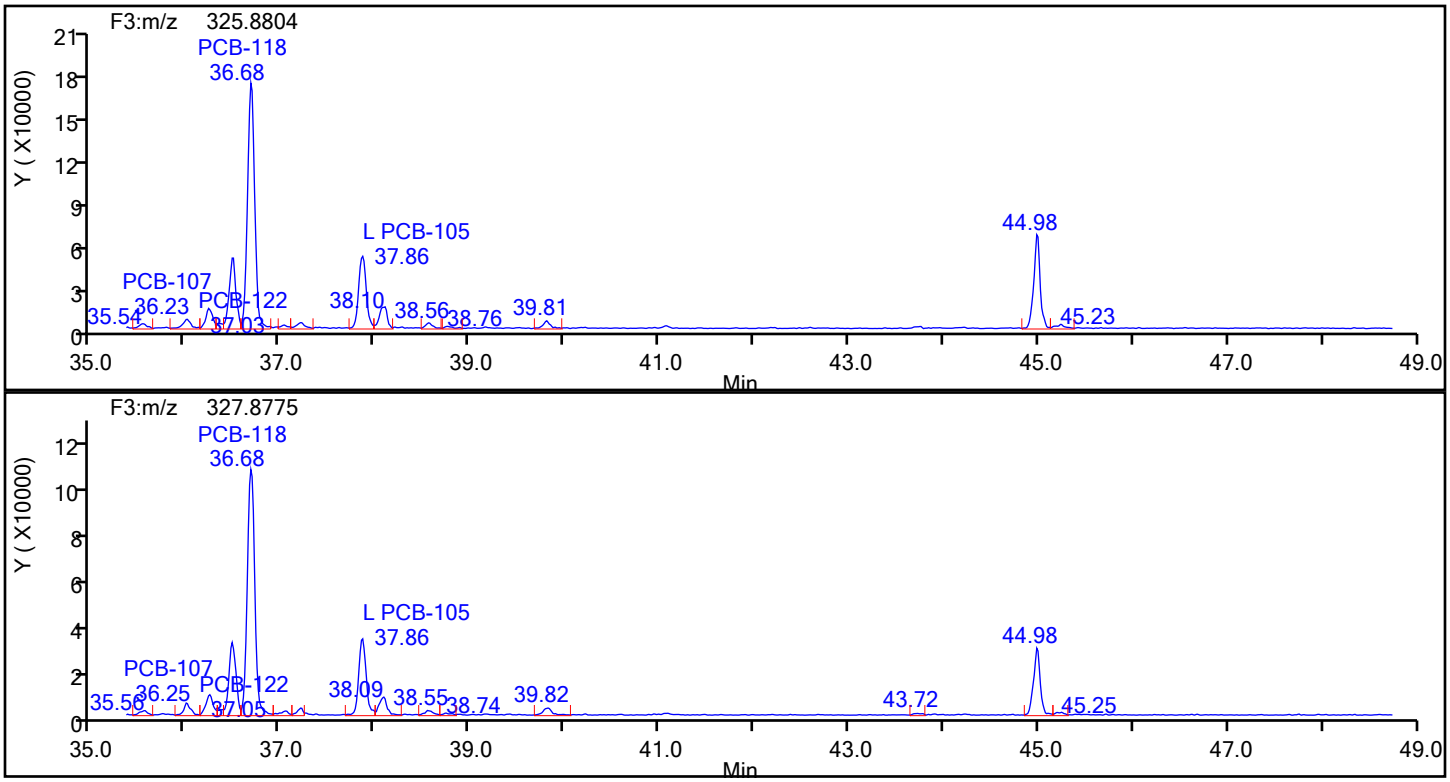
Report Date: 05-Jan-2024 00:10:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

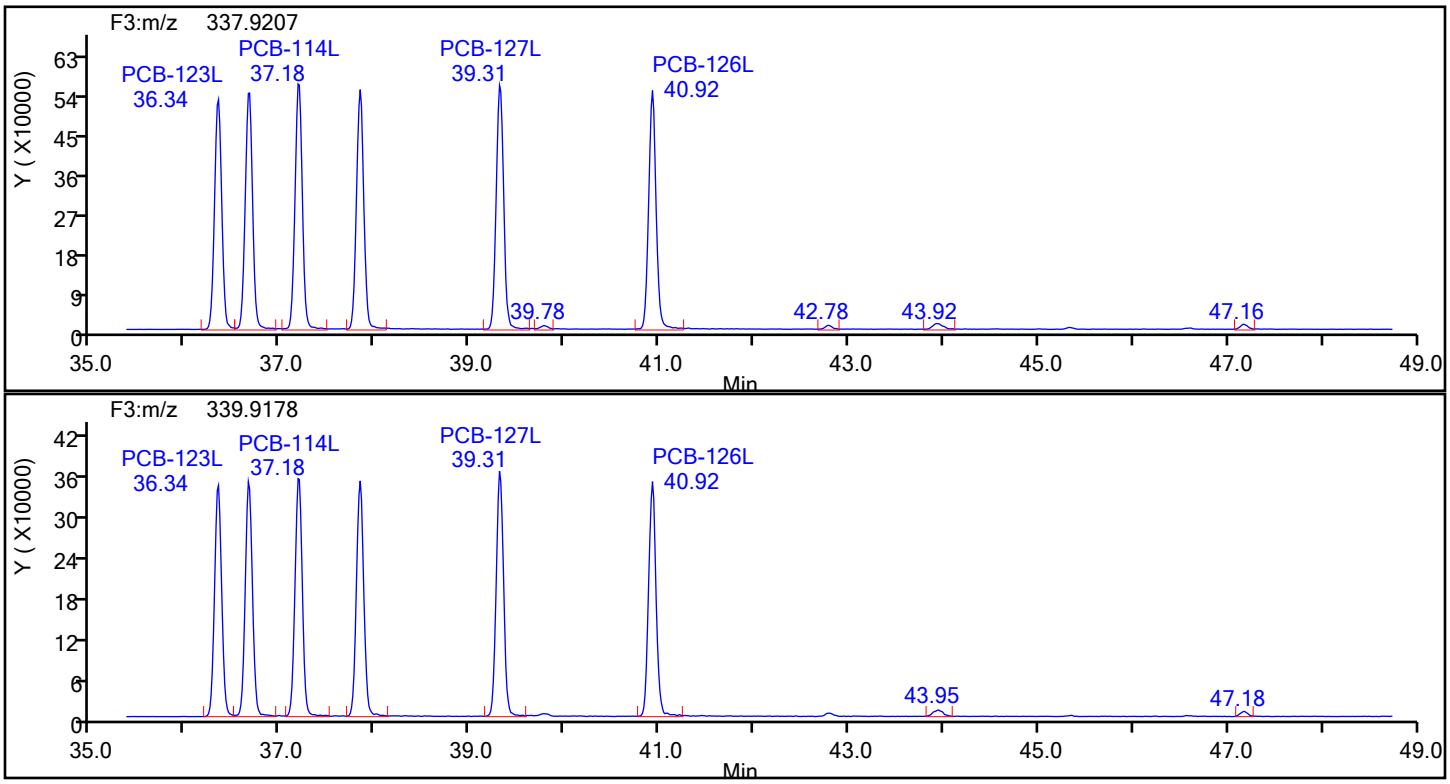
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards

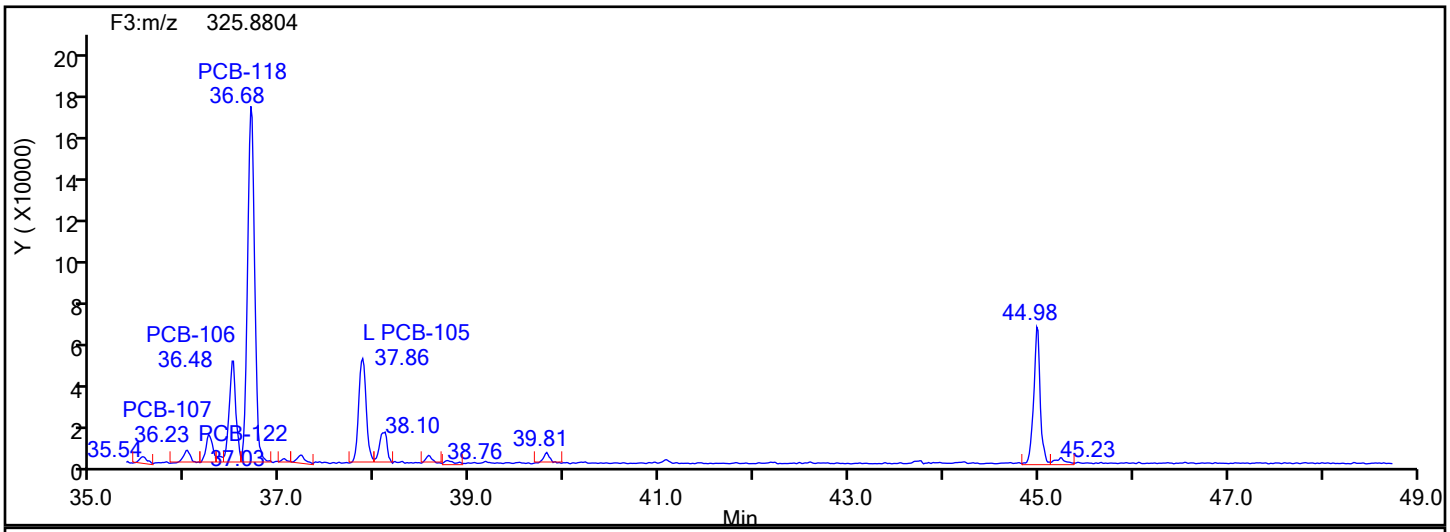


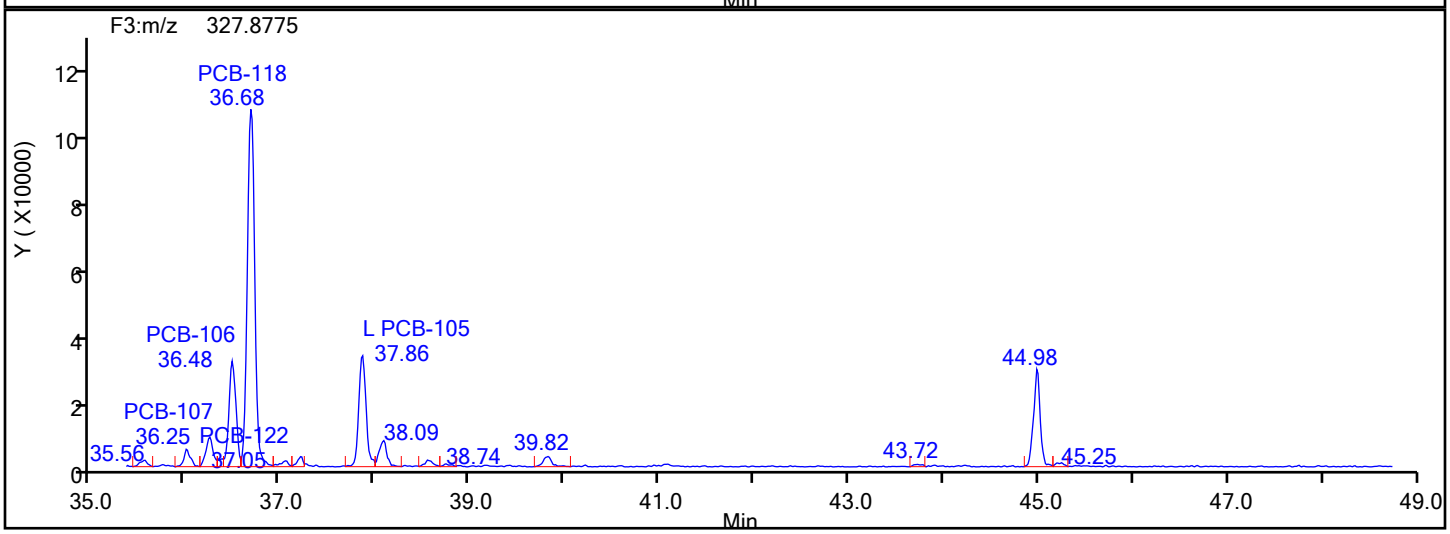
Report Date: 05-Jan-2024 00:10:17 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

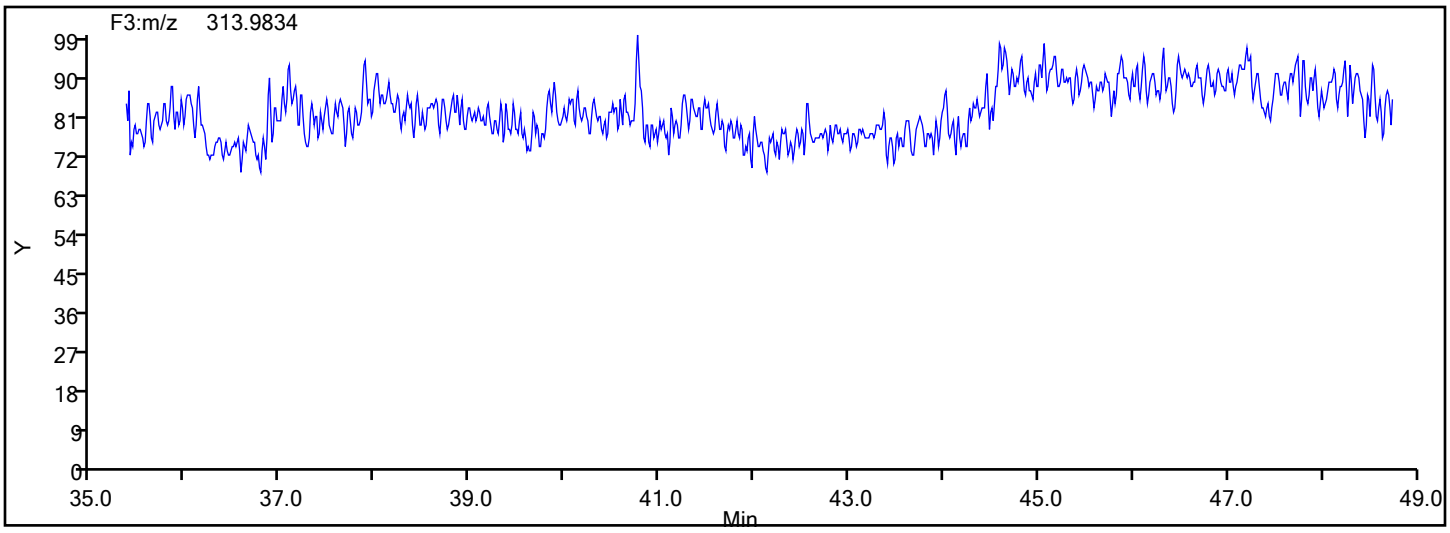
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

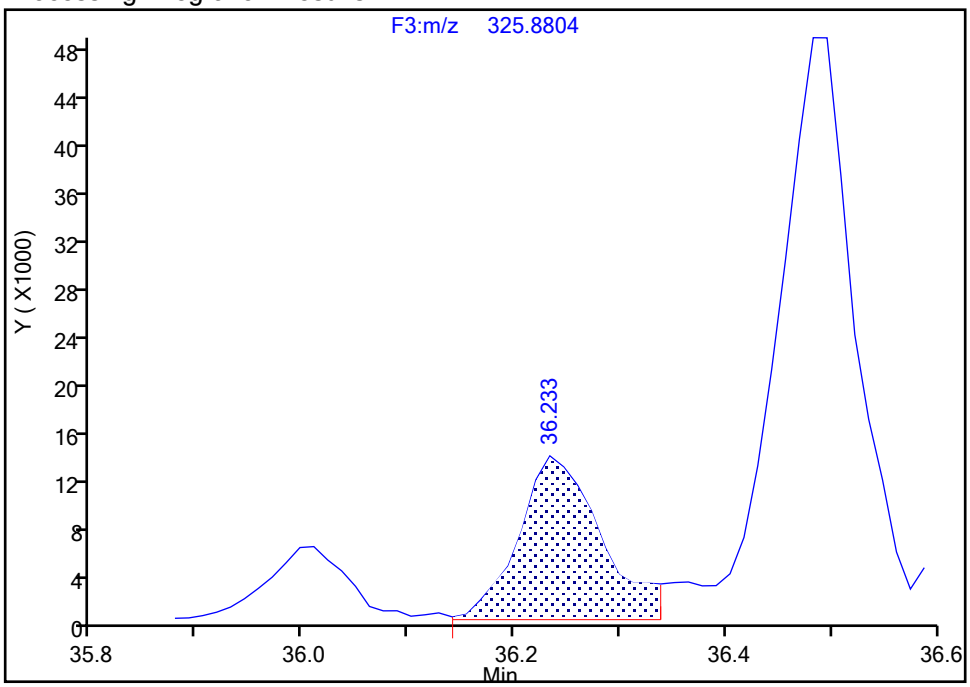
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-107, CAS: 70424-68-9

Signal: 1

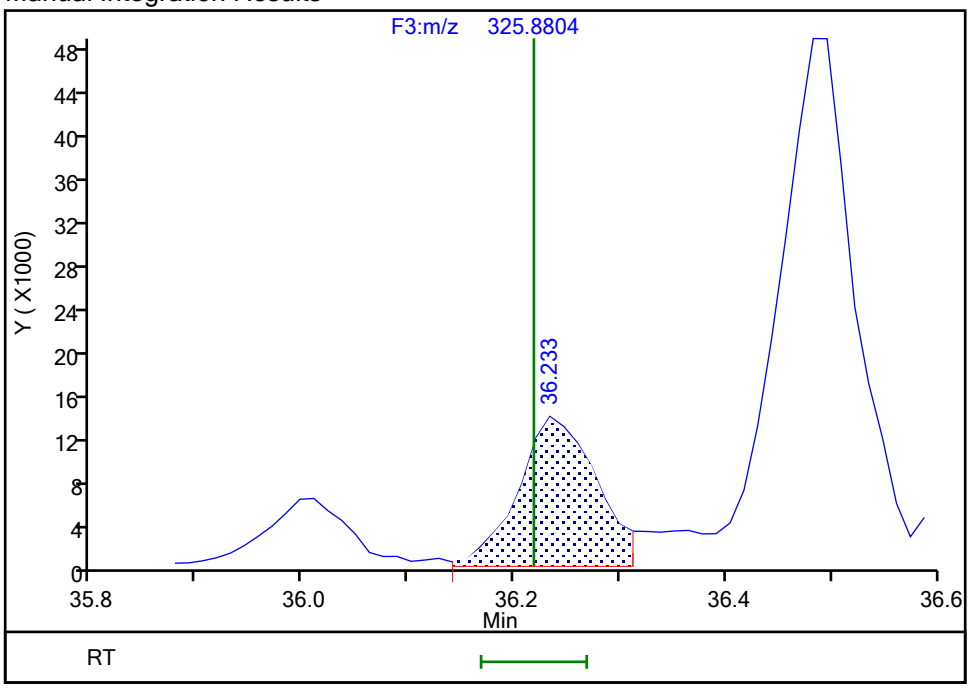
Processing Integration Results

RT: 36.23
Area: 73520
Amount: 2.076047
Amount Units: pg/ul



Manual Integration Results

RT: 36.23
Area: 68835
Amount: 1.994900
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:40:25 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

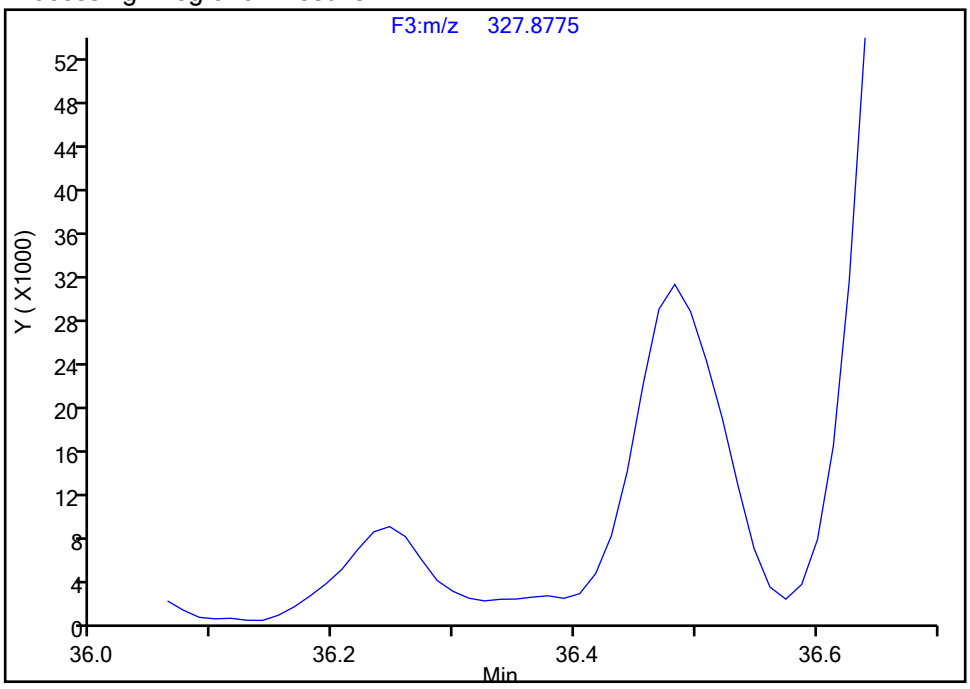
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 2

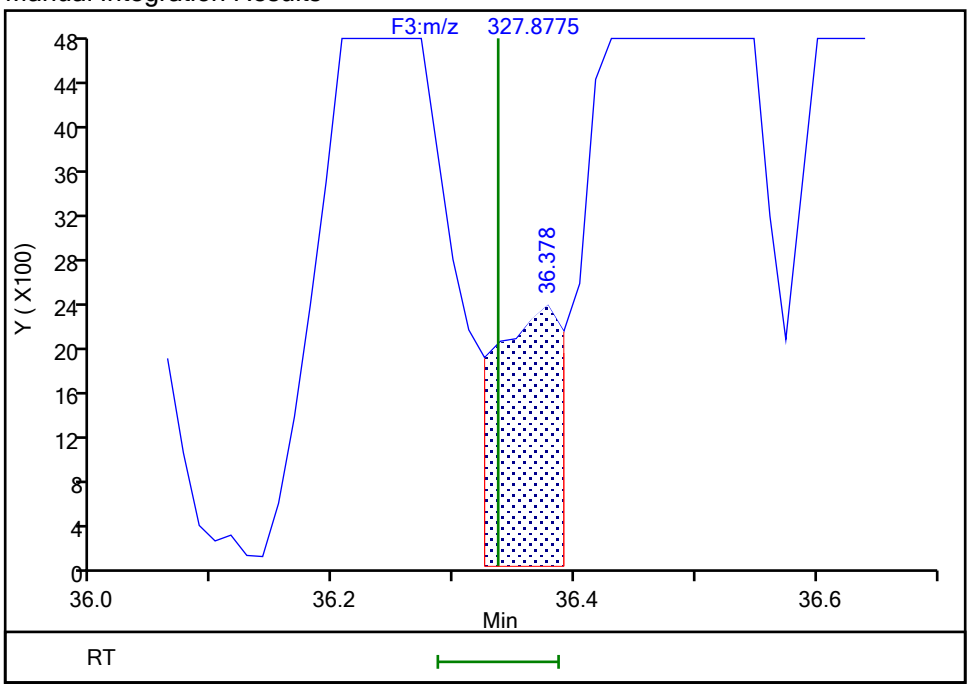
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.38
Area: 8309
Amount: 0.473490
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:40:33 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

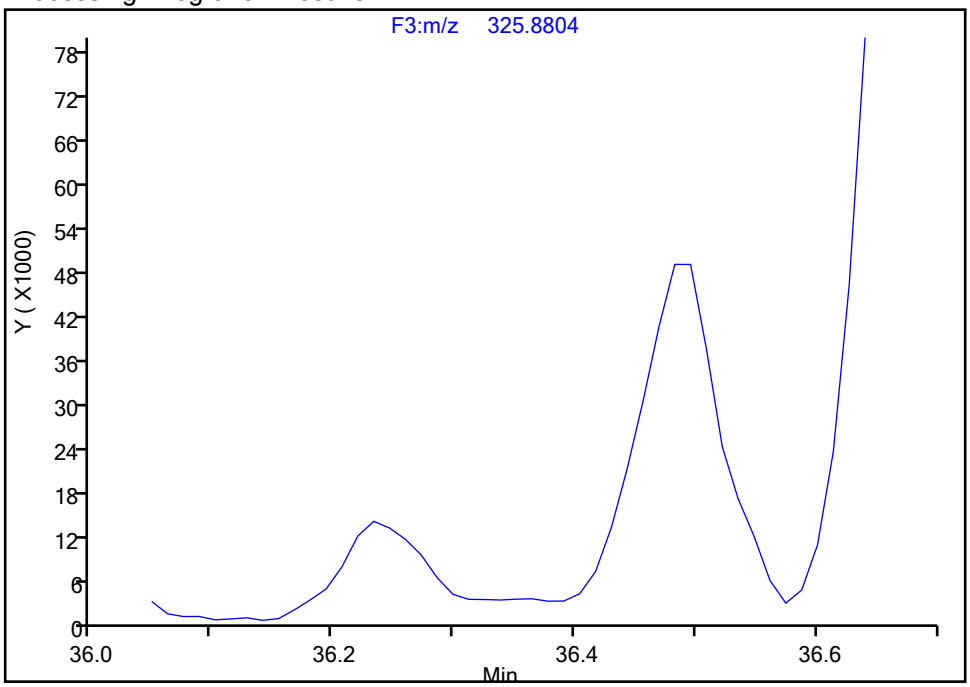
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 1

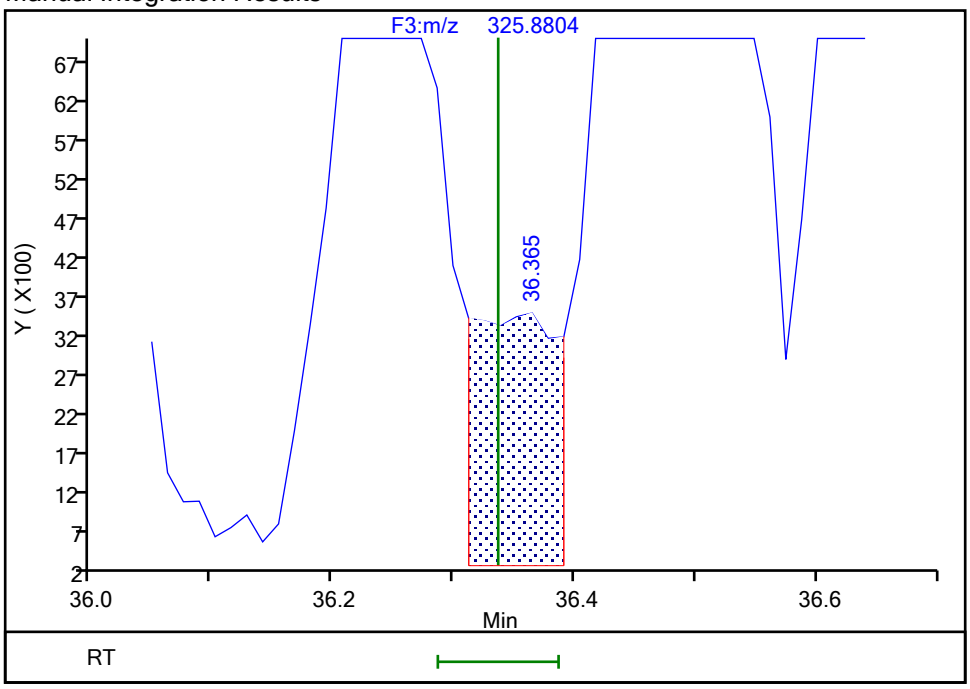
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.36
Area: 14473
Amount: 0.473490
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:40:41 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

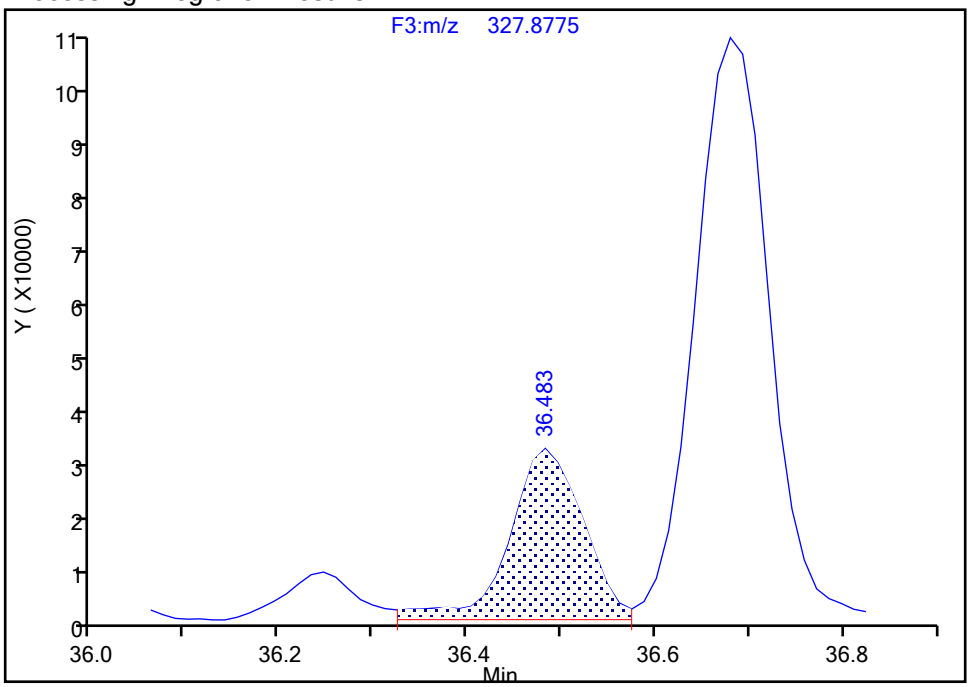
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 2

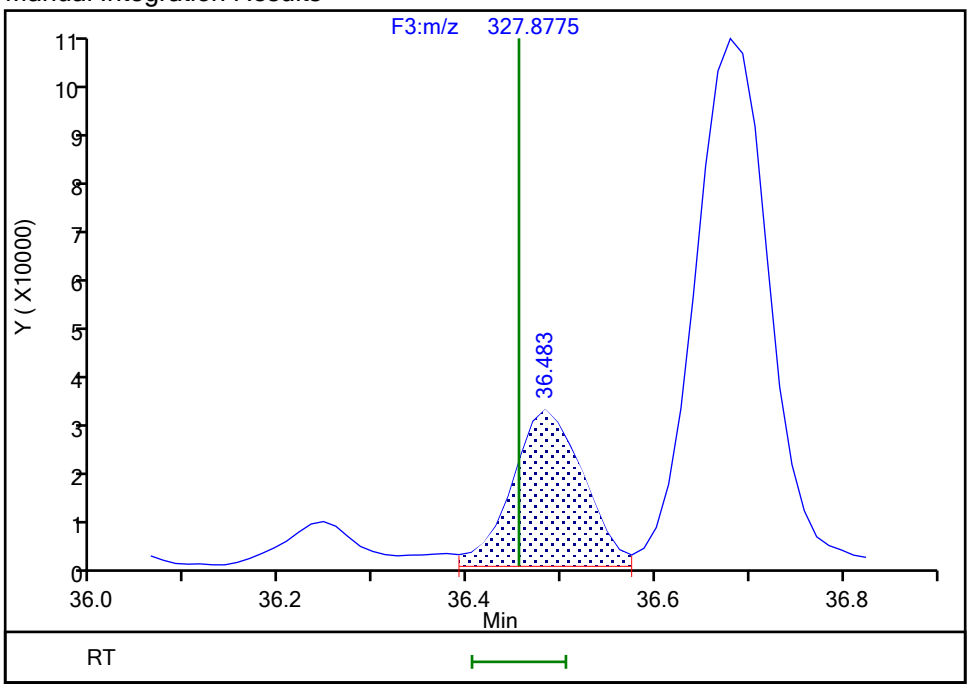
Processing Integration Results

RT: 36.48
Area: 169398
Amount: 7.488650
Amount Units: pg/ul



Manual Integration Results

RT: 36.48
Area: 161088
Amount: 7.174532
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:40:33 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

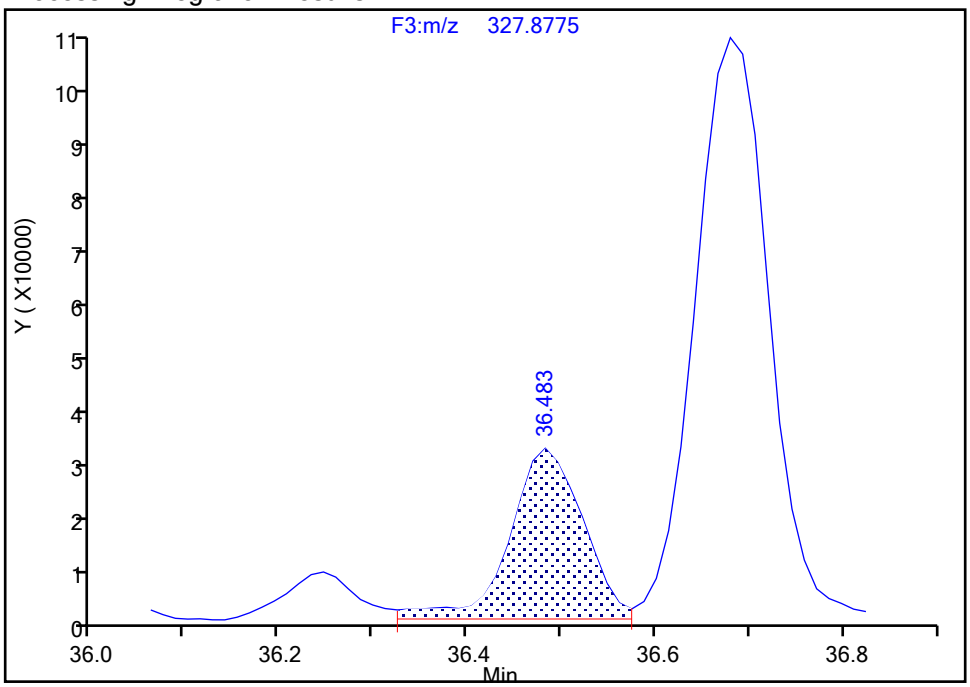
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 2

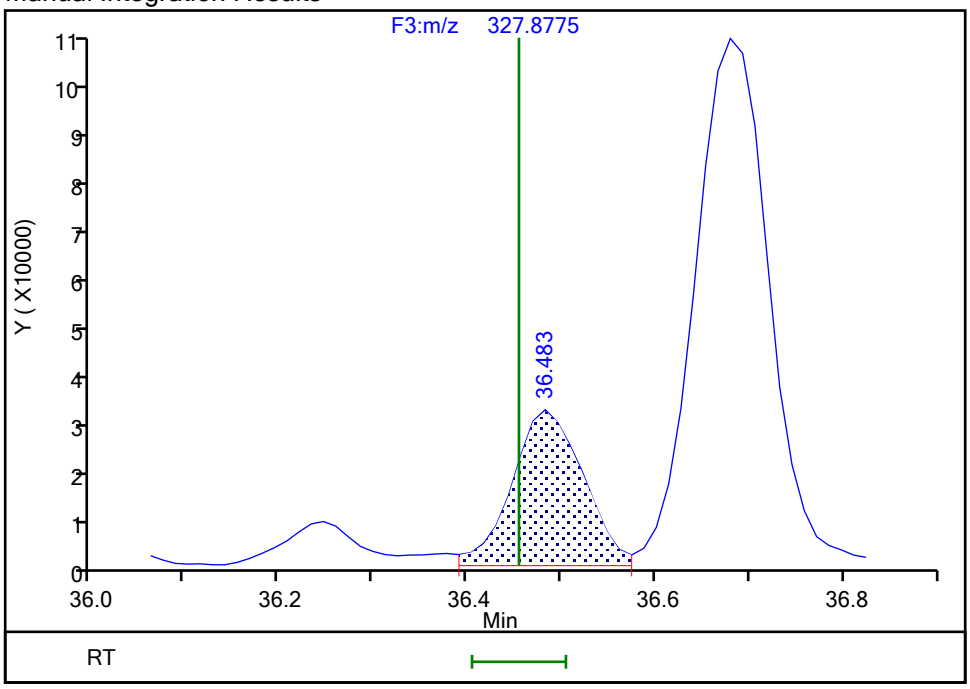
Processing Integration Results

RT: 36.48
Area: 169398
Amount: 7.488650
Amount Units: pg/ul



Manual Integration Results

RT: 36.48
Area: 161088
Amount: 7.174532
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:40:46 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

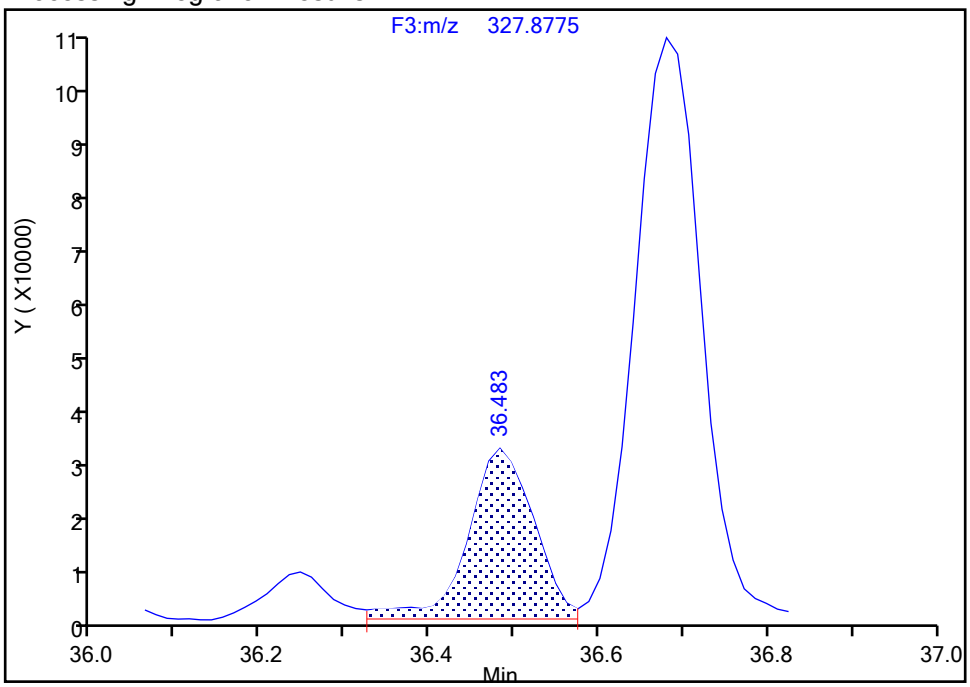
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Injection Date: 04-Jan-2024 17:05:00 Instrument ID: D2D
Lims ID: 140-34509-A-5-B Lab Sample ID: 140-34509-5
Client ID: PW-03
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-106, CAS: 70424-69-0

Signal: 3

Processing Integration Results

RT: 36.48
Area: 421687
Amount: 7.488650
Amount Units: pg/ul



Manual Integration Results

RT: 36.48
Area: 403999
Amount: 7.174532
Amount Units: pg/ul

Reviewer: V4XA, 04-Jan-2024 23:40:46 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

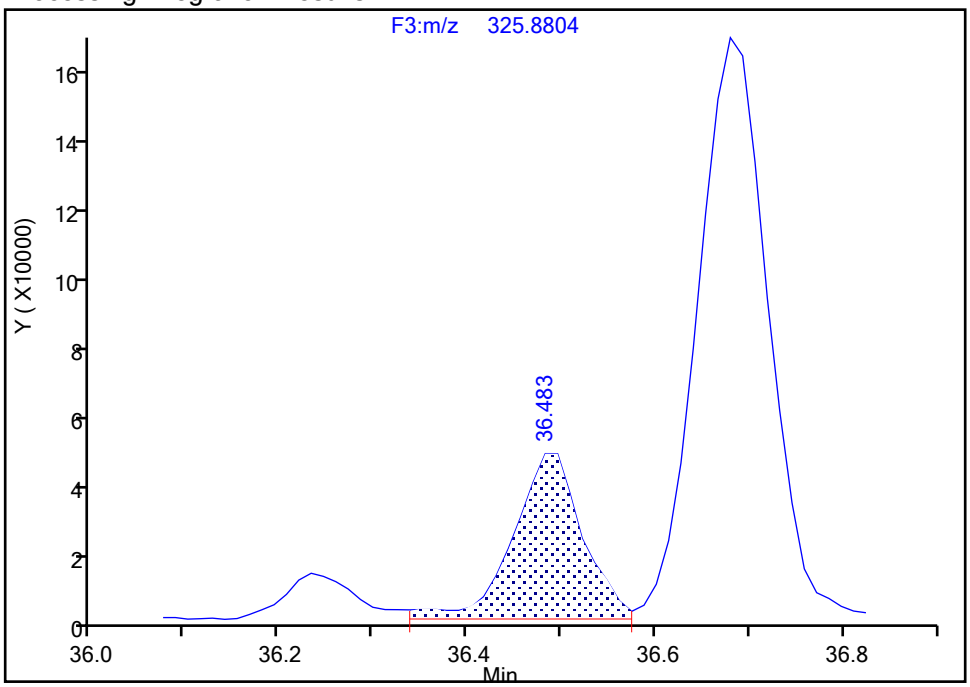
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 1

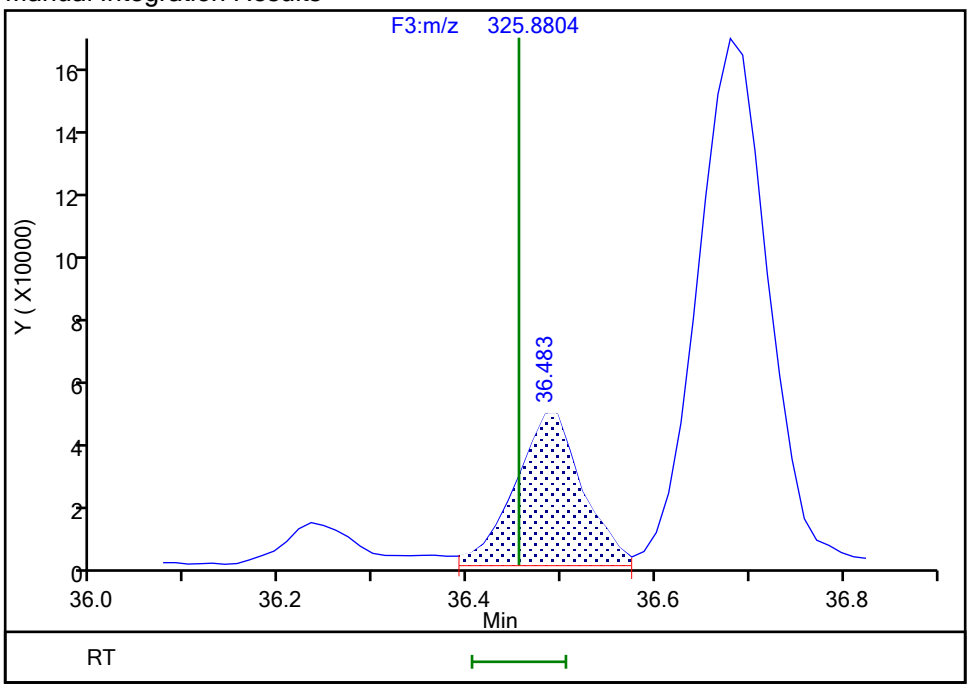
Processing Integration Results

RT: 36.48
Area: 252289
Amount: 7.488650
Amount Units: pg/ul



Manual Integration Results

RT: 36.48
Area: 242911
Amount: 7.174532
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:40:48 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

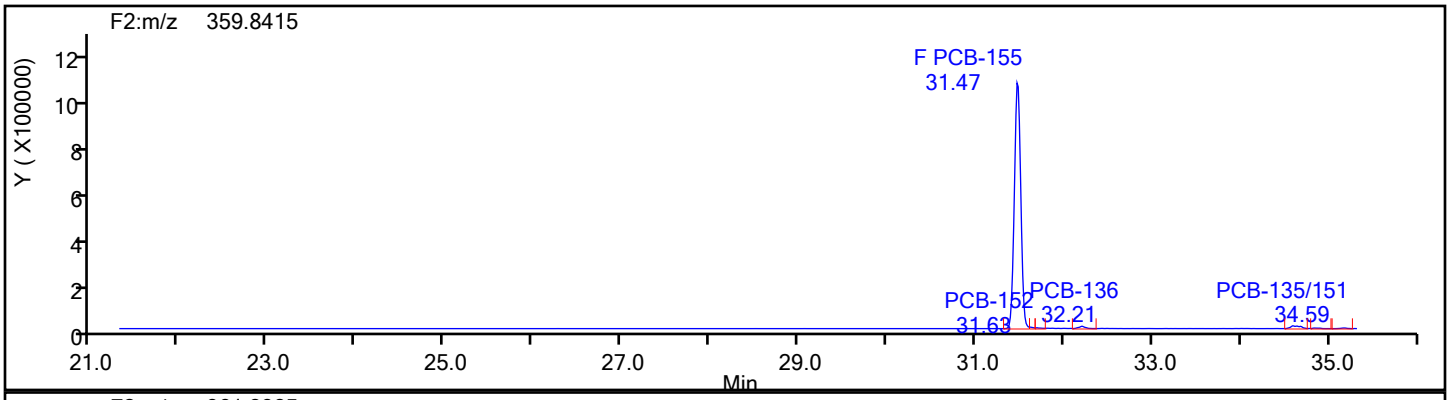
Report Date: 05-Jan-2024 00:10:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

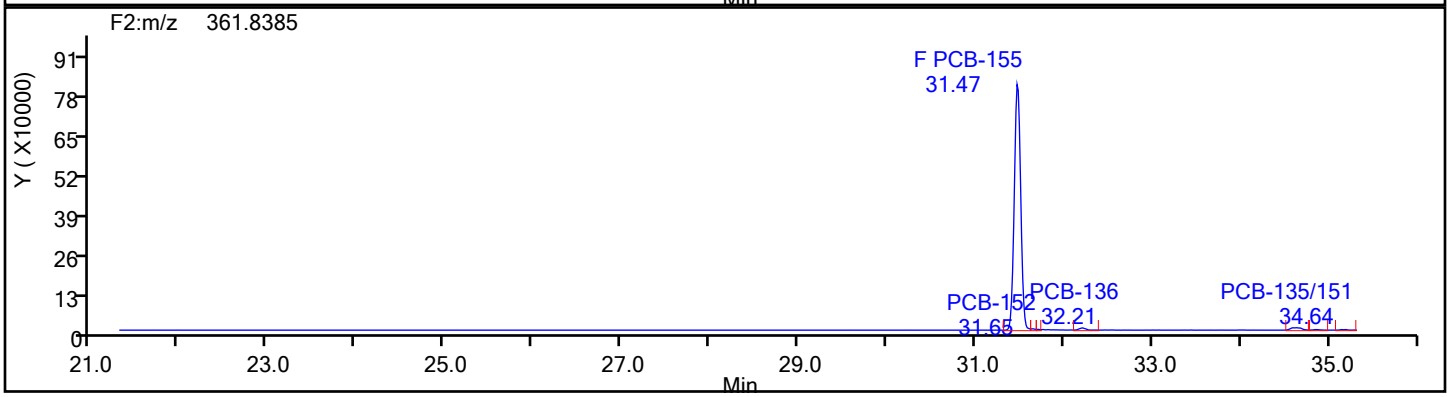
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

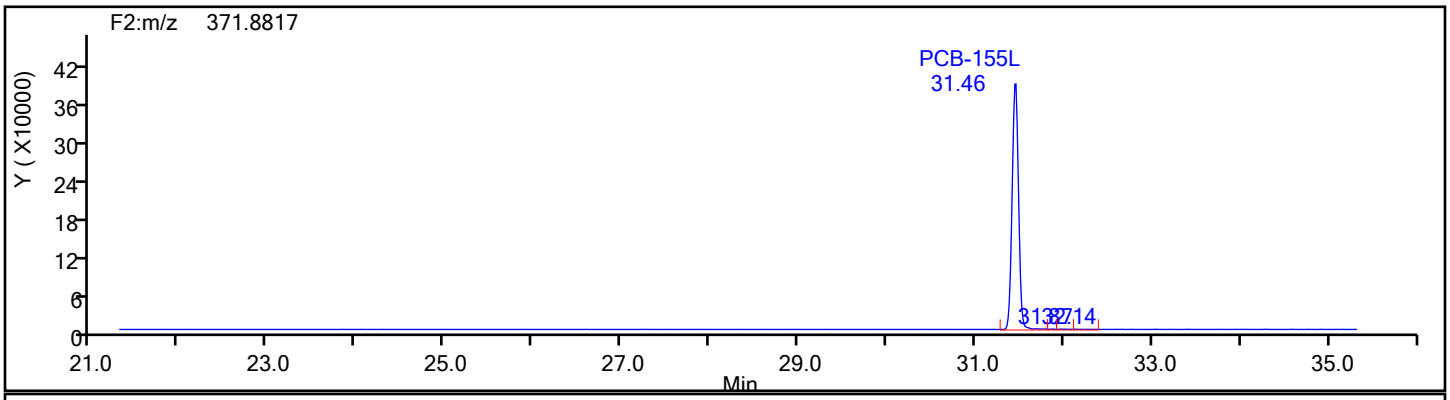
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

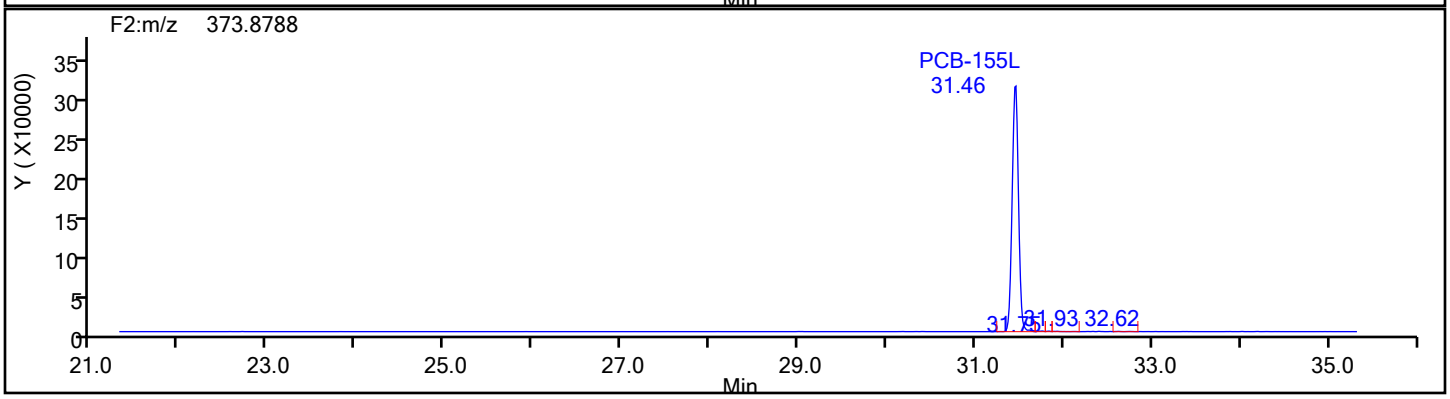
HxPCB F2





HxPCB F2 Standards



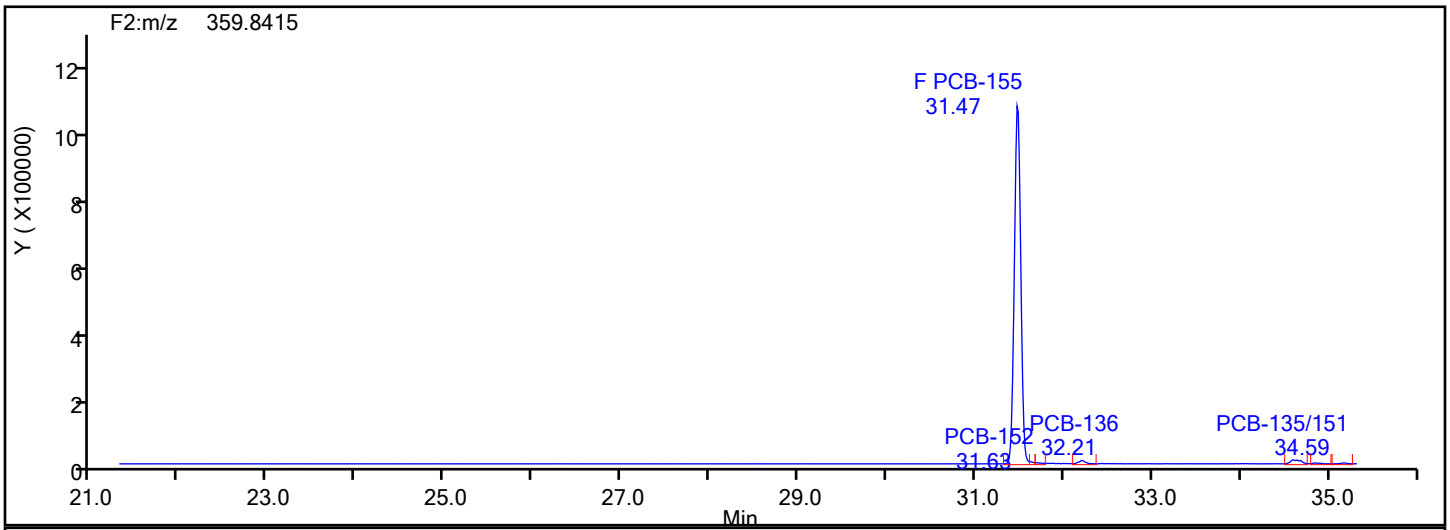


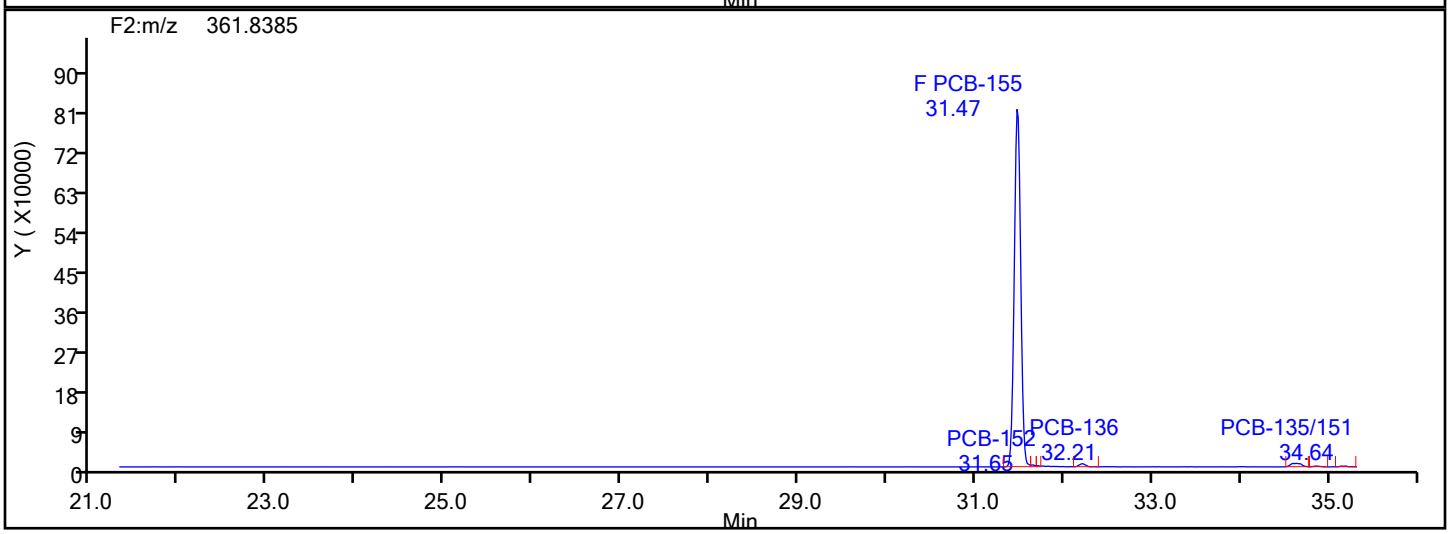
Report Date: 05-Jan-2024 00:10:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

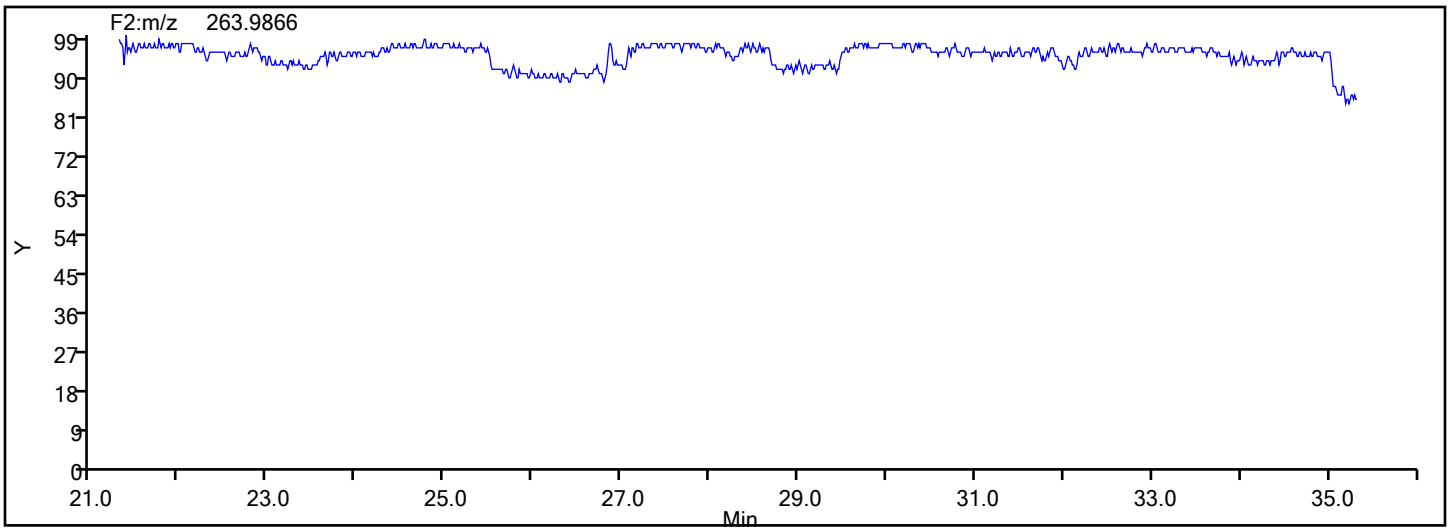
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Injection Date: 04-Jan-2024 17:05:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-03
Worklist#: 82009 Sample Line#: 9
Column Type: Column Dia:

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

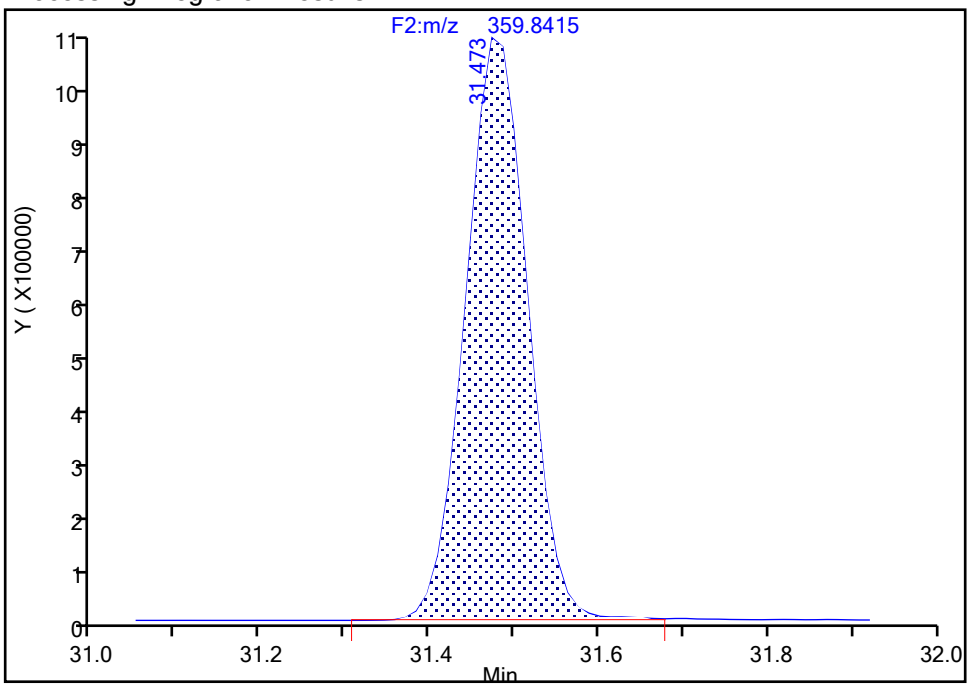
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 1

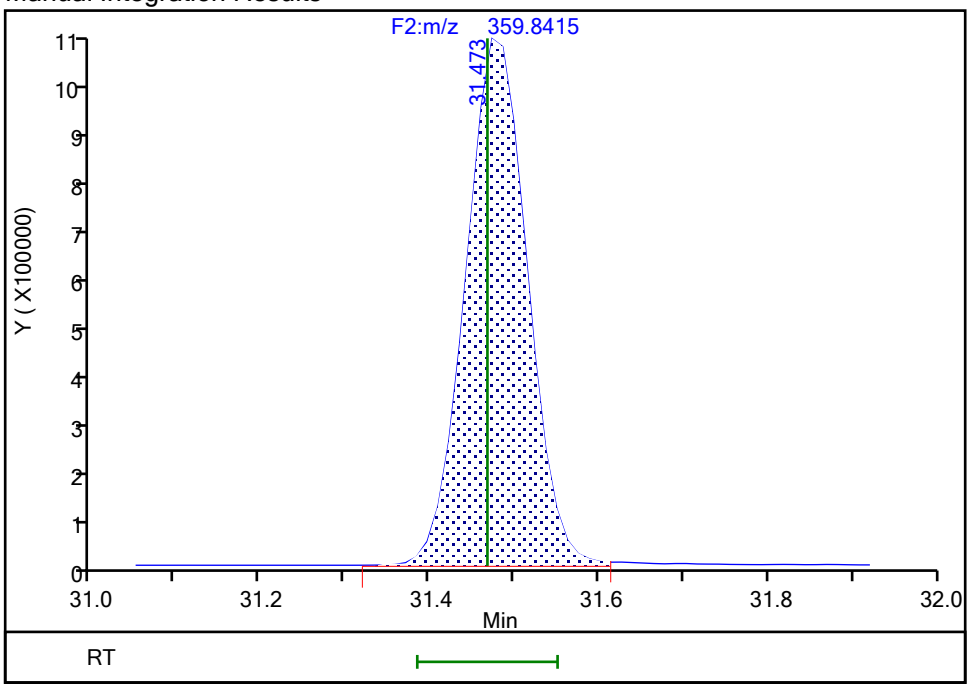
Processing Integration Results

RT: 31.47
Area: 5220633
Amount: 284.5927
Amount Units: pg/ul



Manual Integration Results

RT: 31.47
Area: 5202746
Amount: 284.0493
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:41:37 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

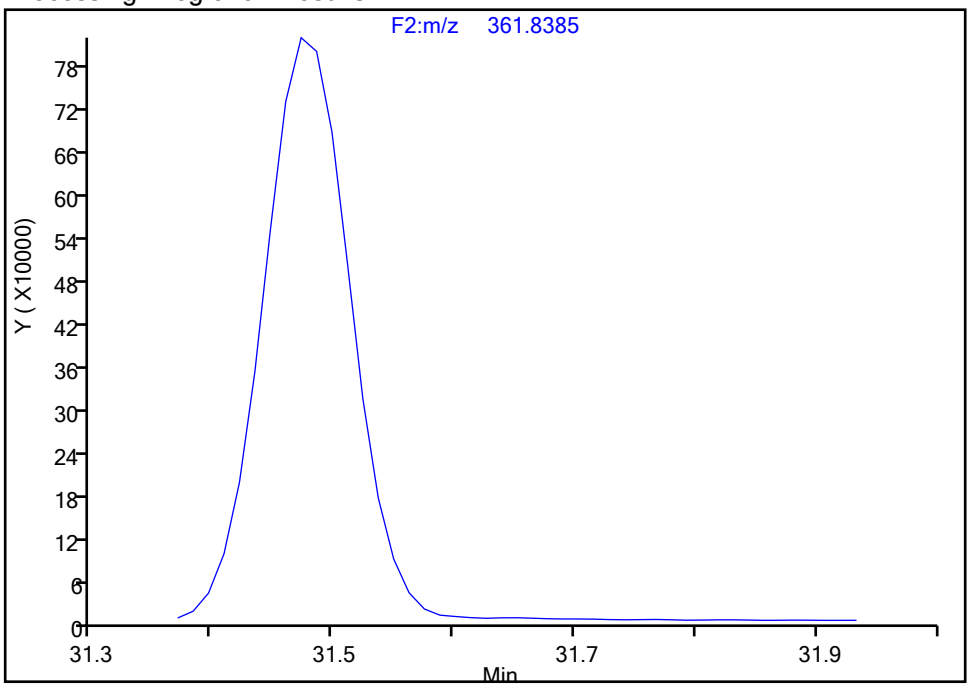
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 2

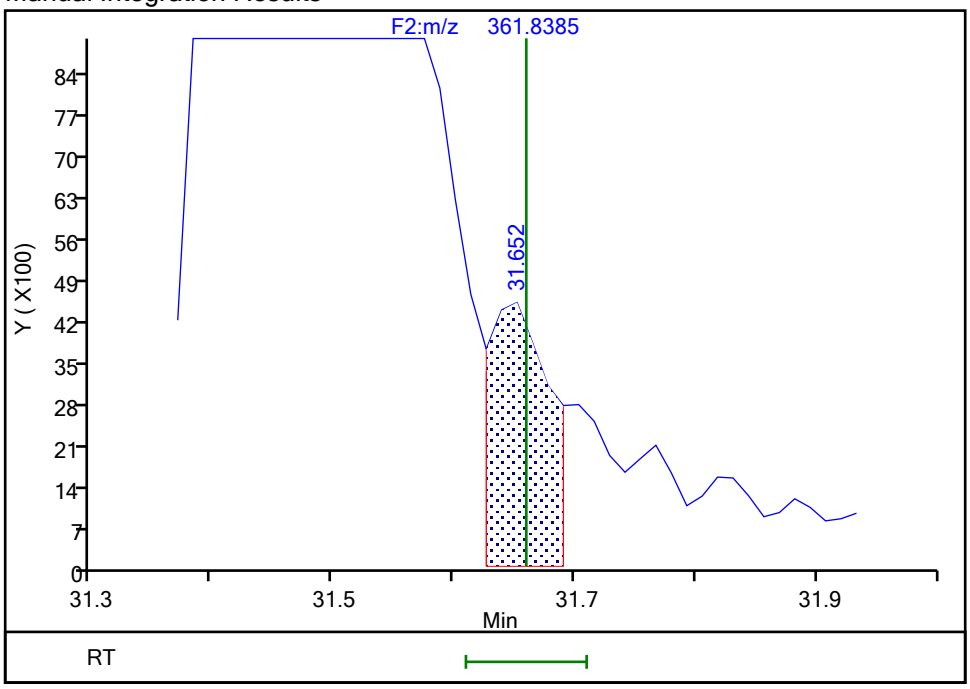
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.65
Area: 14354
Amount: 0.809298
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:41:58 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

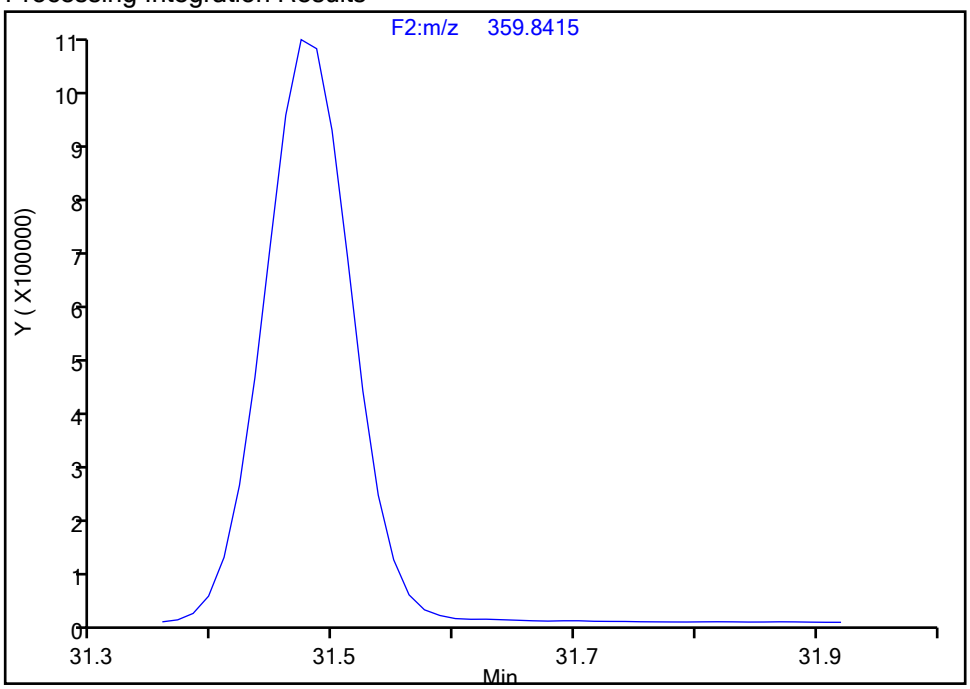
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

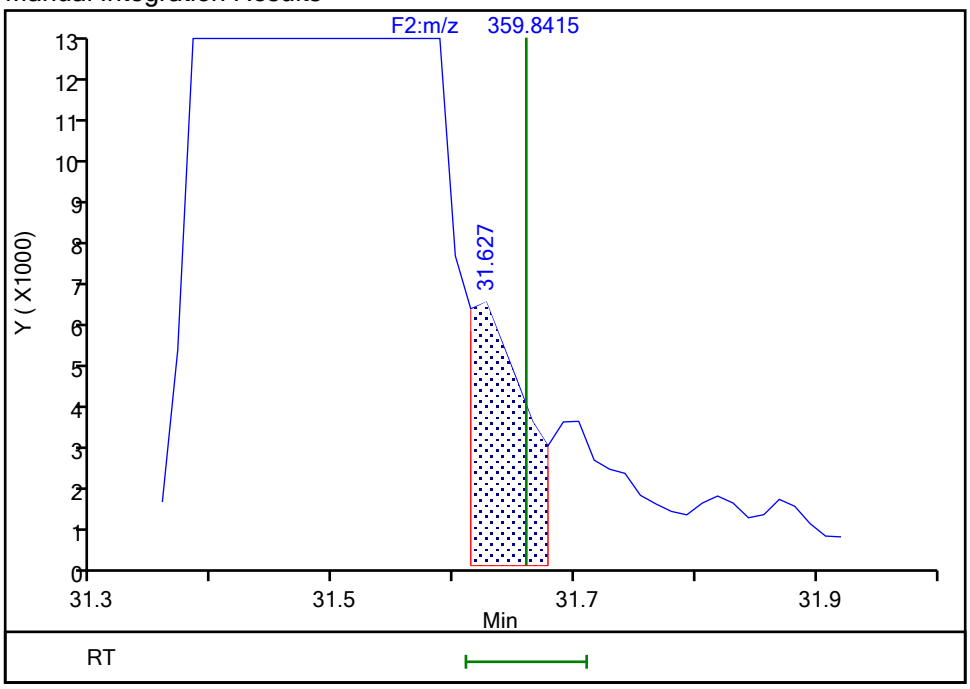
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.63
Area: 17890
Amount: 0.809298
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:42:01 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Eurofins Knoxville

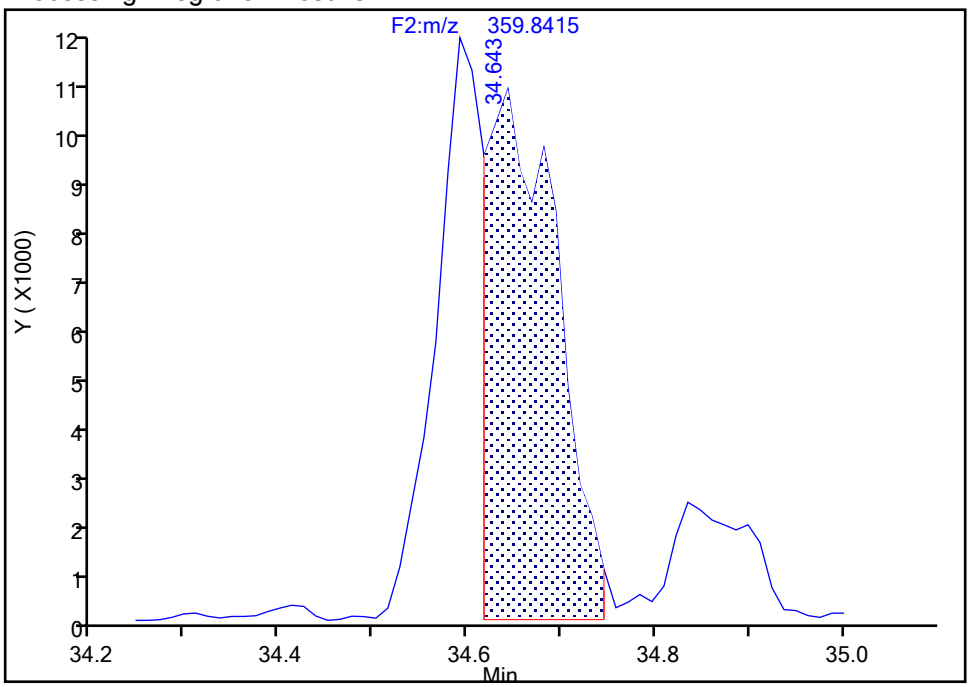
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 1

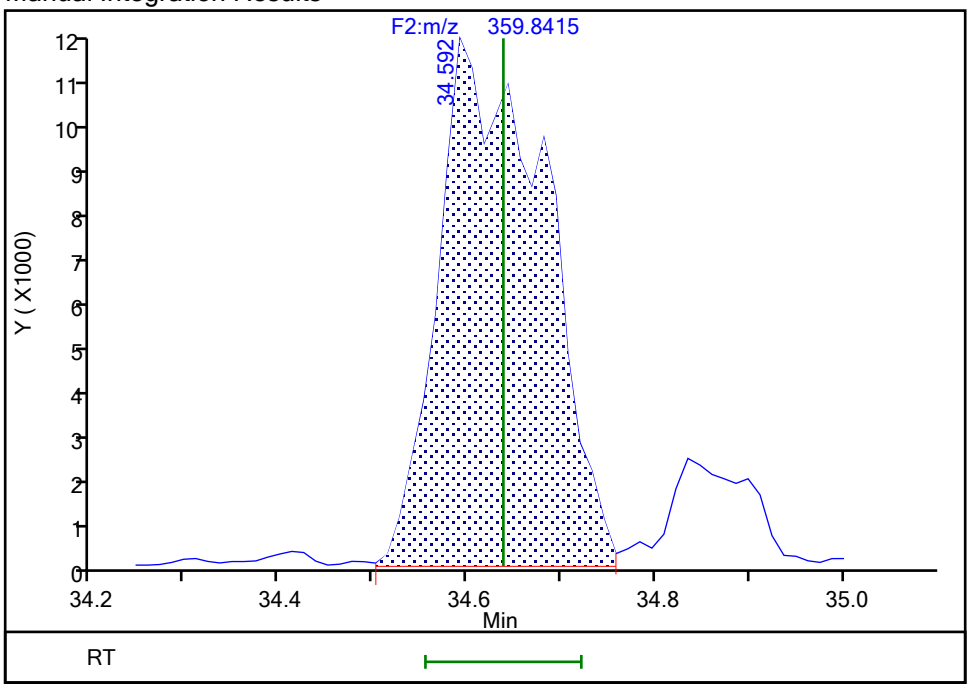
Processing Integration Results

RT: 34.64
Area: 53923
Amount: 4.734578
Amount Units: pg/ul



Manual Integration Results

RT: 34.59
Area: 92325
Amount: 6.196084
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:42:27 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

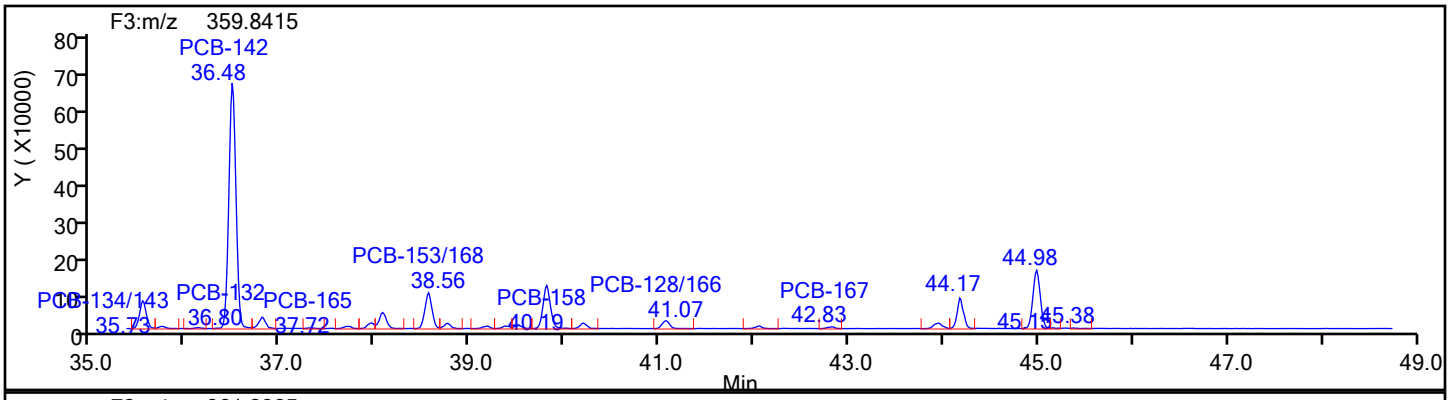
Report Date: 05-Jan-2024 00:10:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

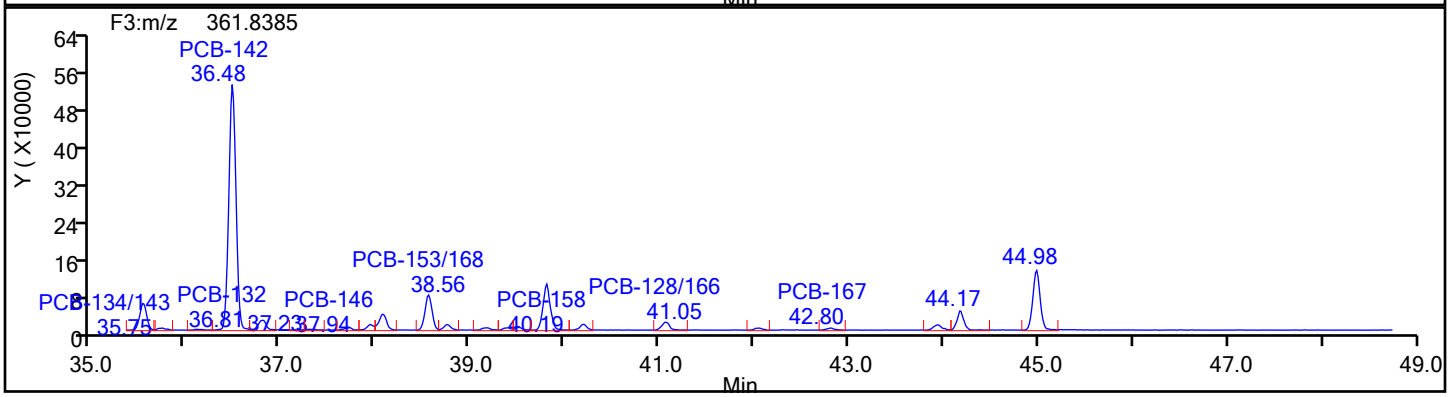
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

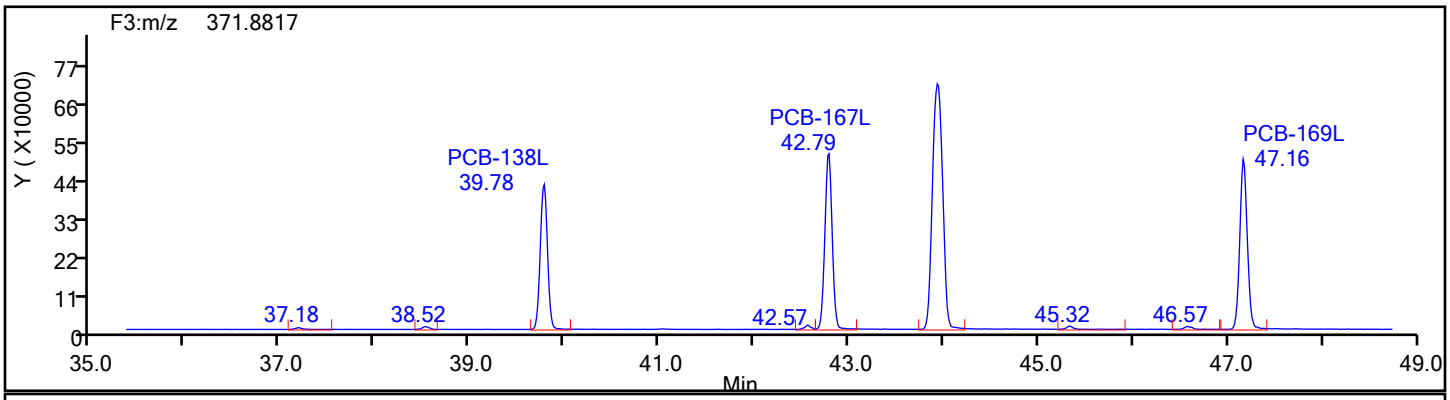
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

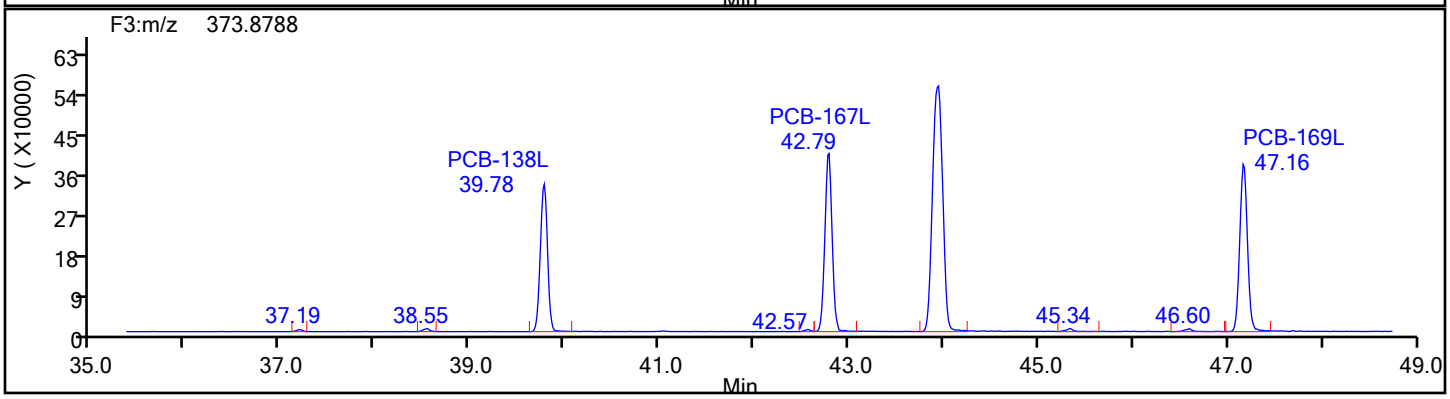
HxPCB F3





HxPCB F3 Standards



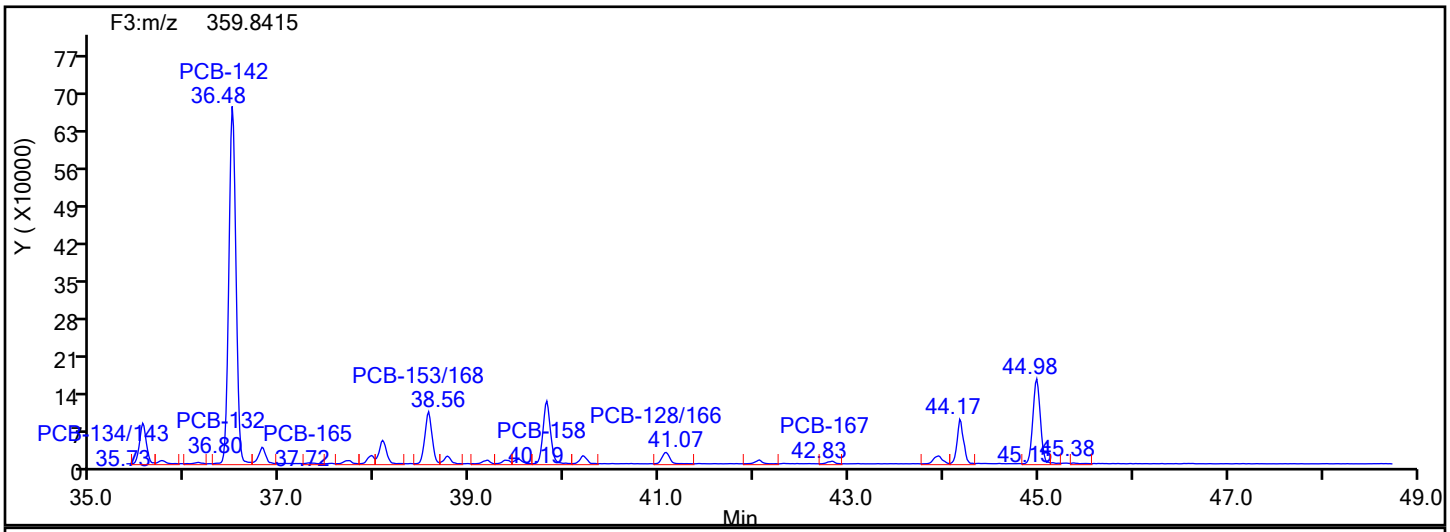


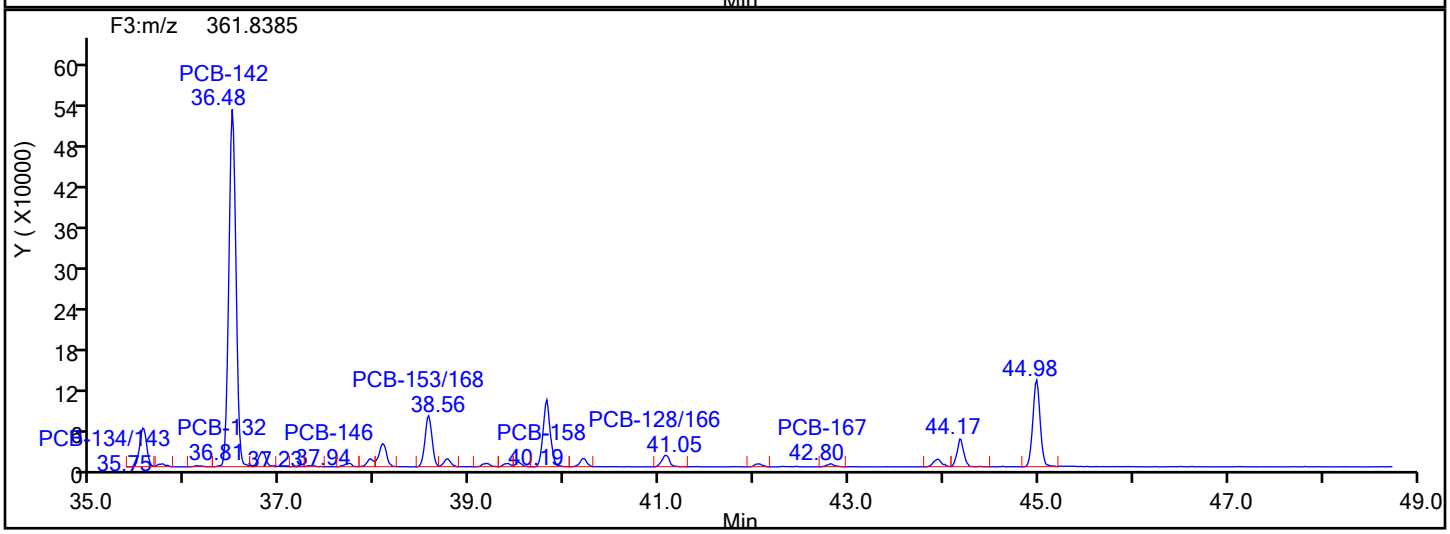
Report Date: 05-Jan-2024 00:10:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

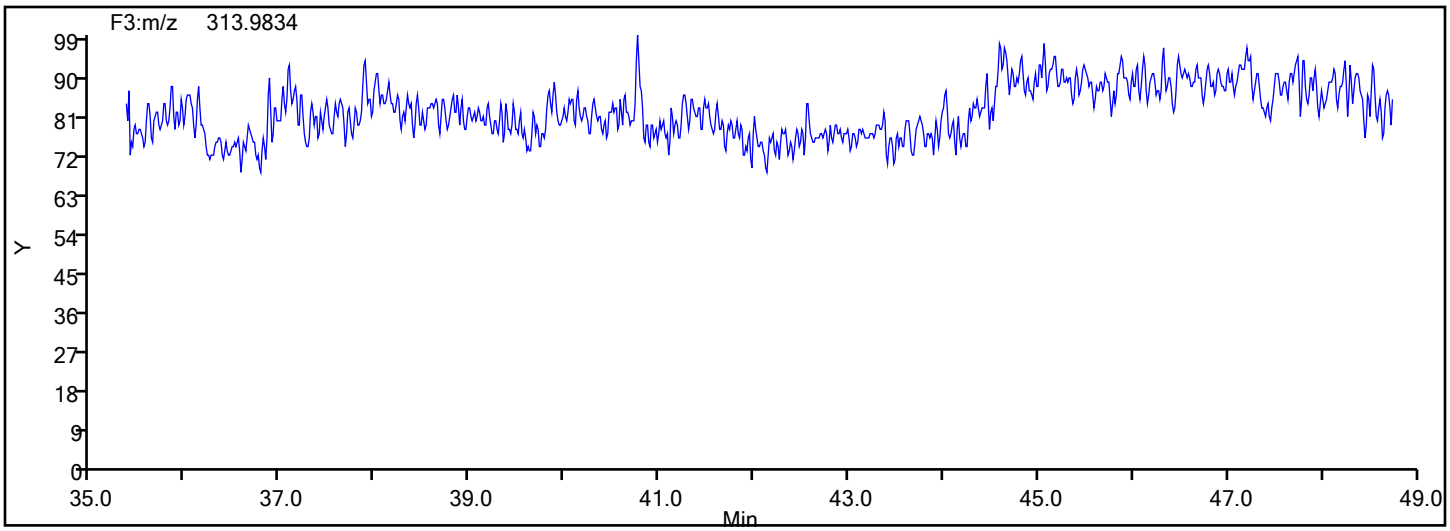
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

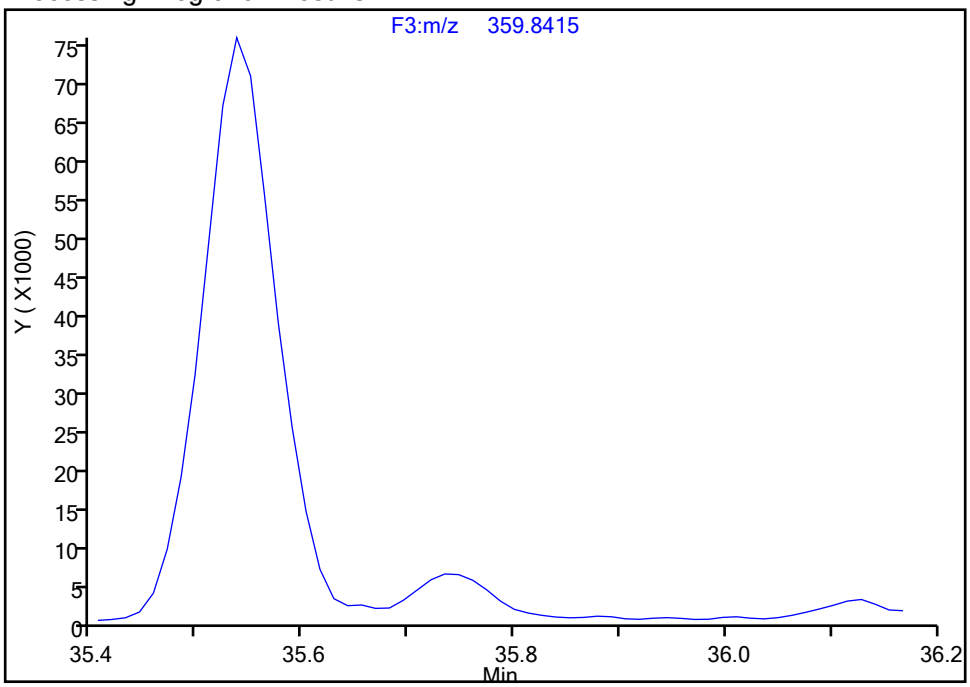
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 1

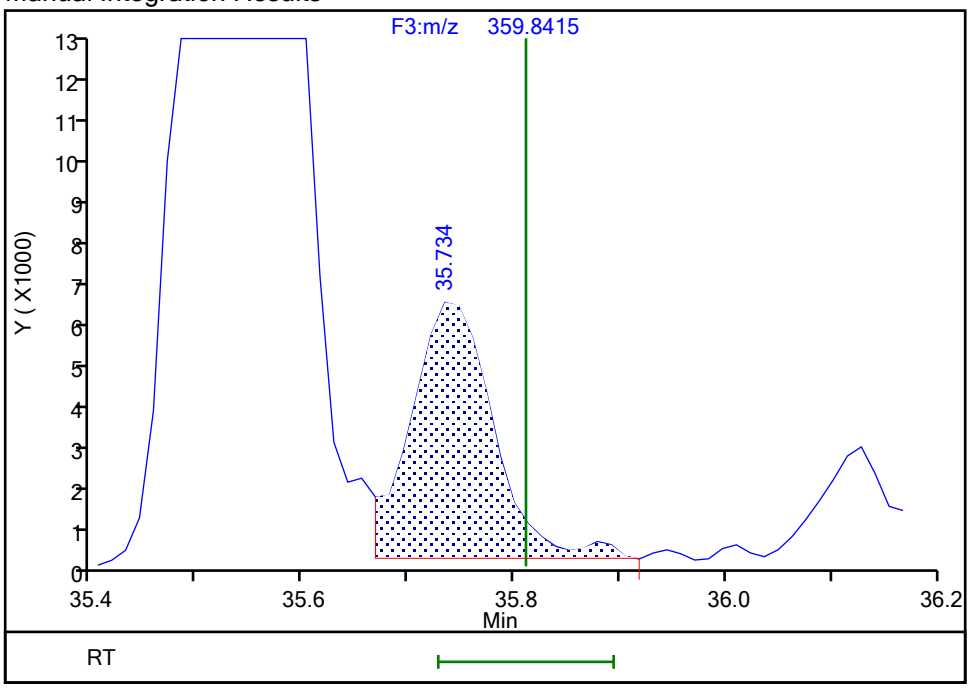
Not Detected
Expected RT: 35.81

Processing Integration Results



Manual Integration Results

RT: 35.73
Area: 32178
Amount: 1.765868
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:42:41 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Baseline

Eurofins Knoxville

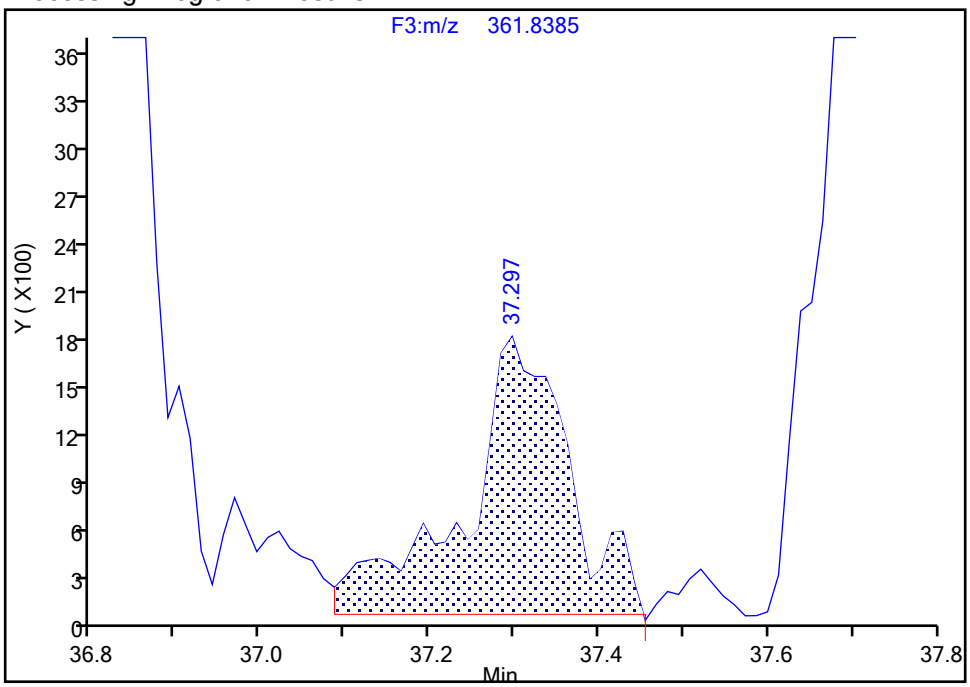
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-133, CAS: 35694-04-3

Signal: 2

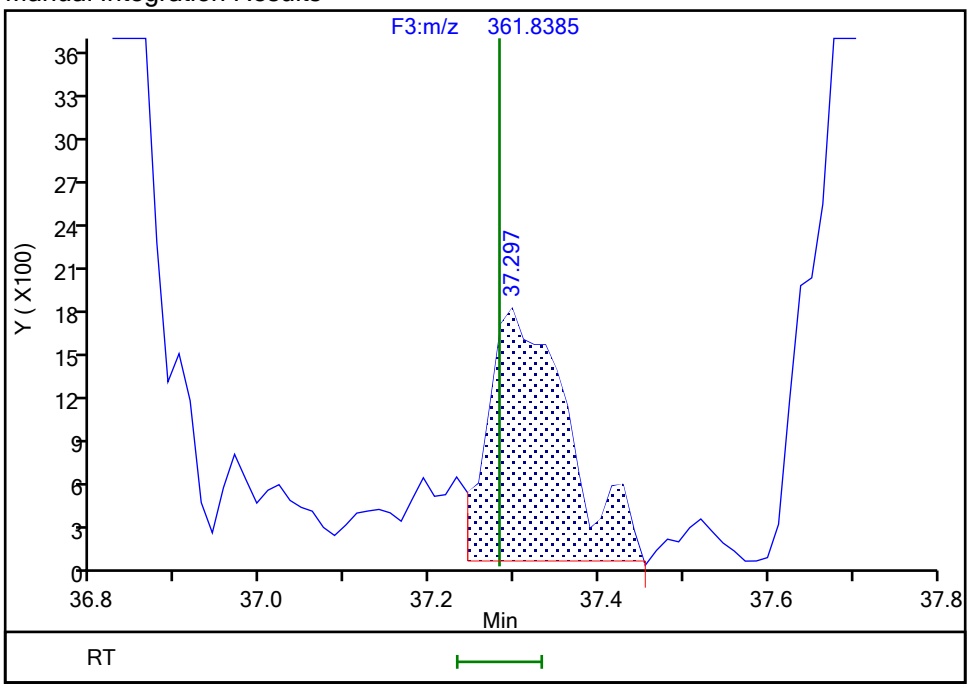
Processing Integration Results

RT: 37.30
Area: 14769
Amount: 0.672846
Amount Units: pg/ul



Manual Integration Results

RT: 37.30
Area: 11170
Amount: 0.577621
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:44:14 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Baseline

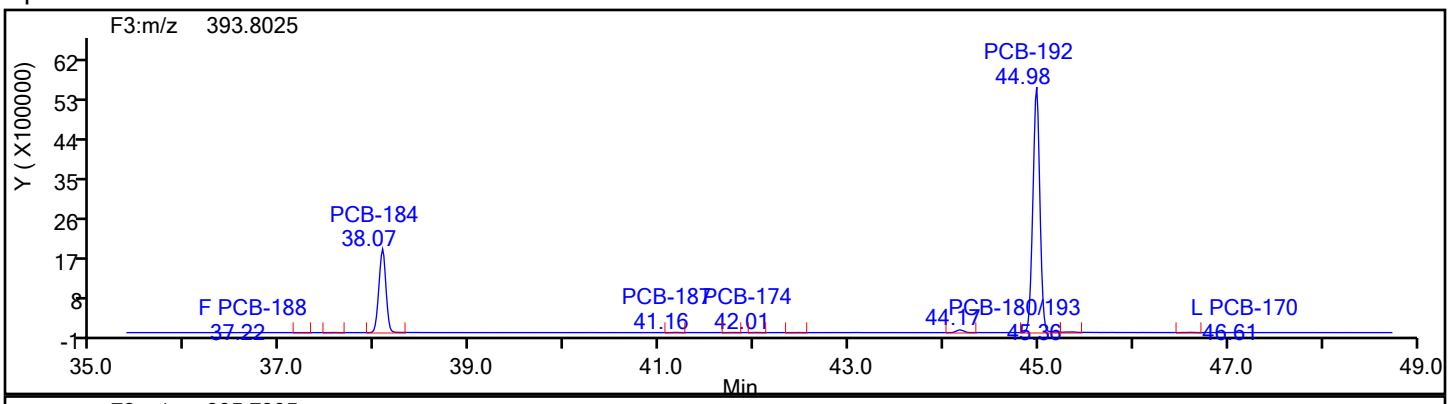
Report Date: 05-Jan-2024 00:10:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

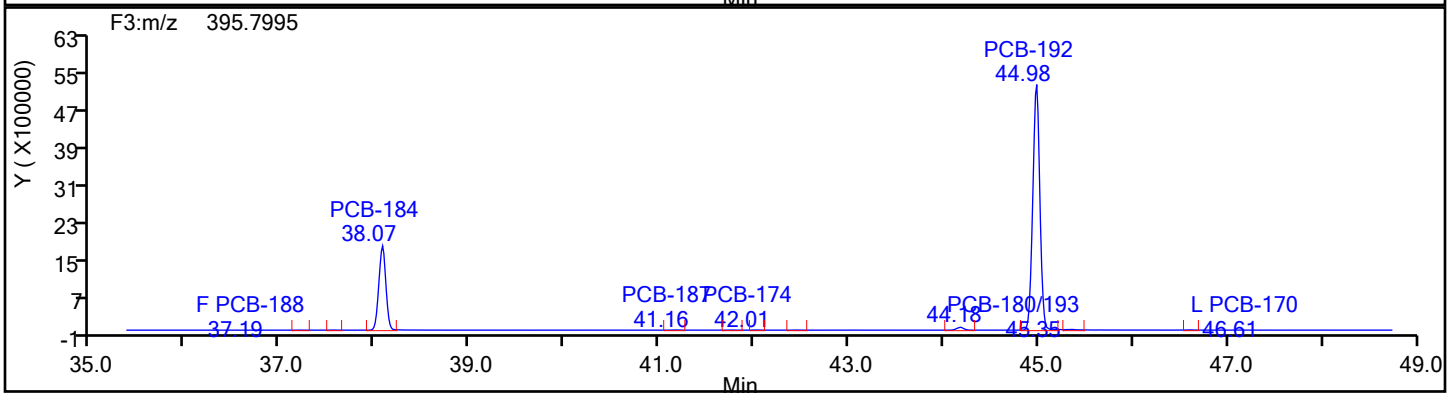
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

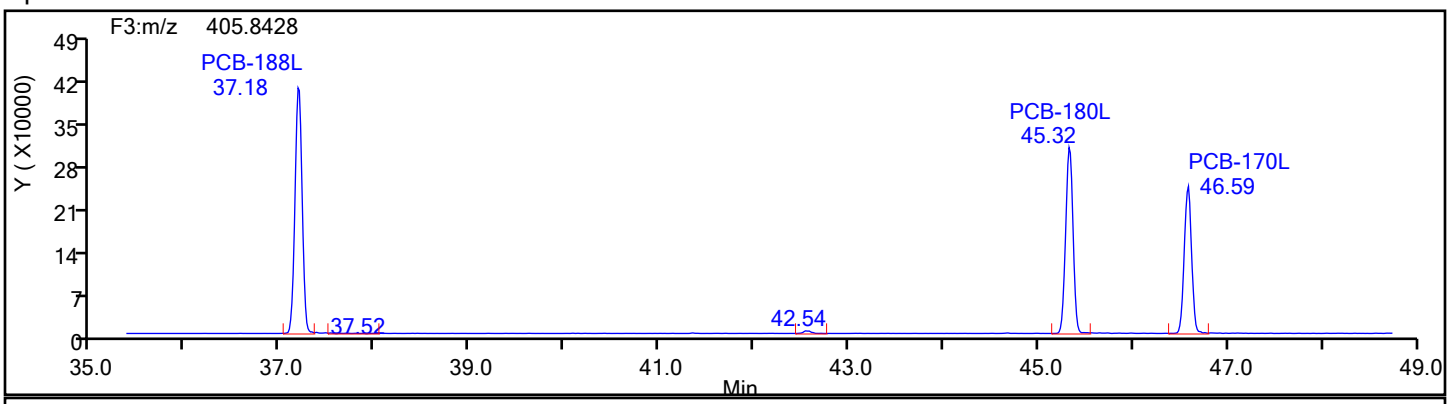
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

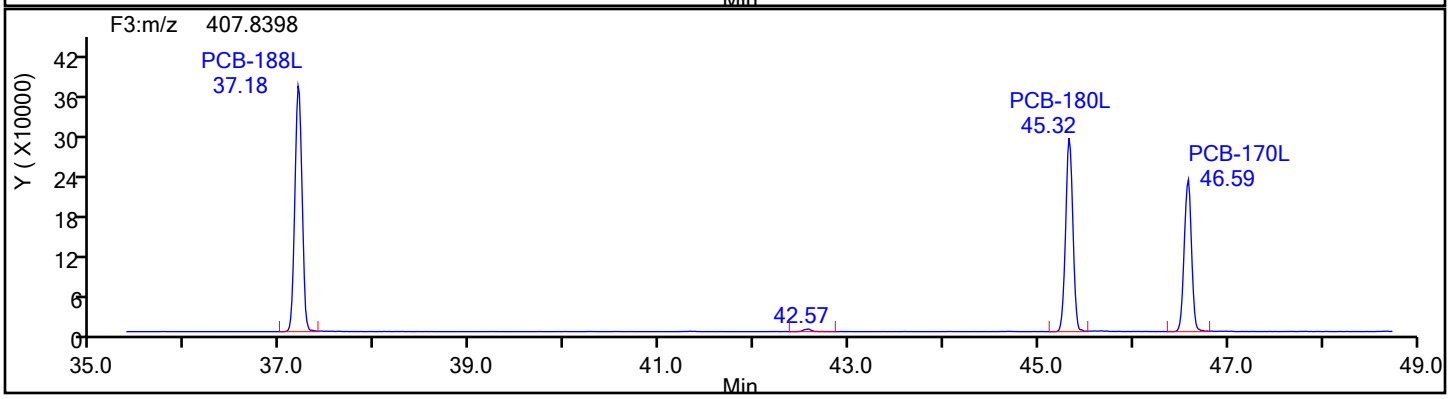
HpPCB F3





HpPCB F3 Standards



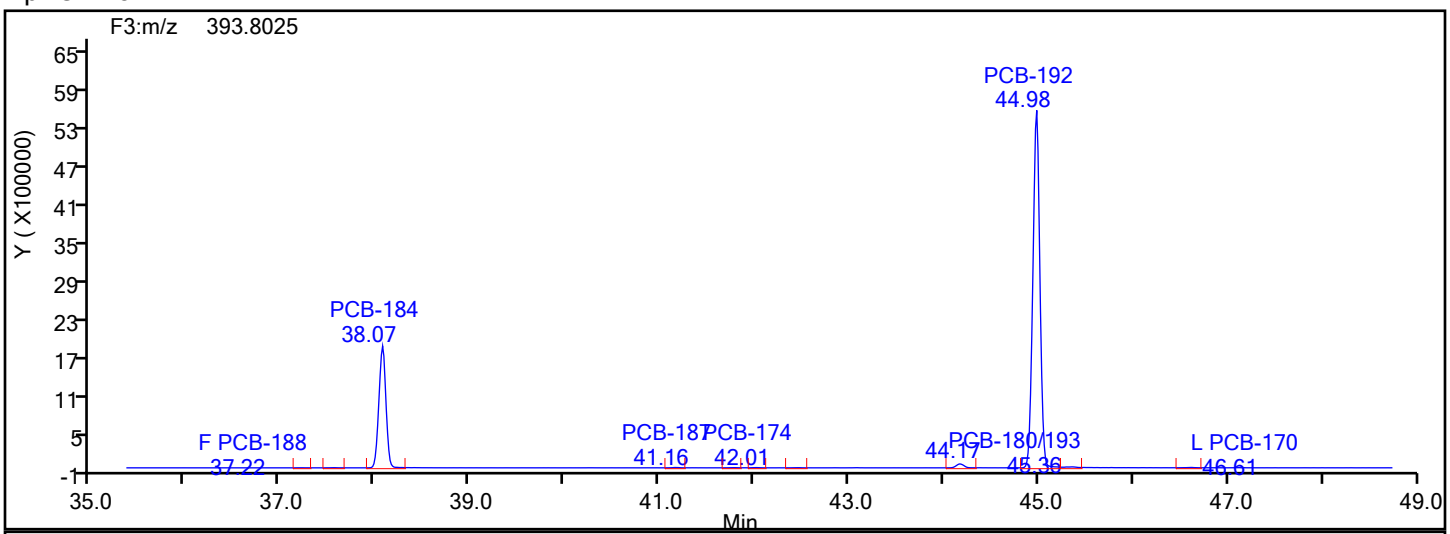


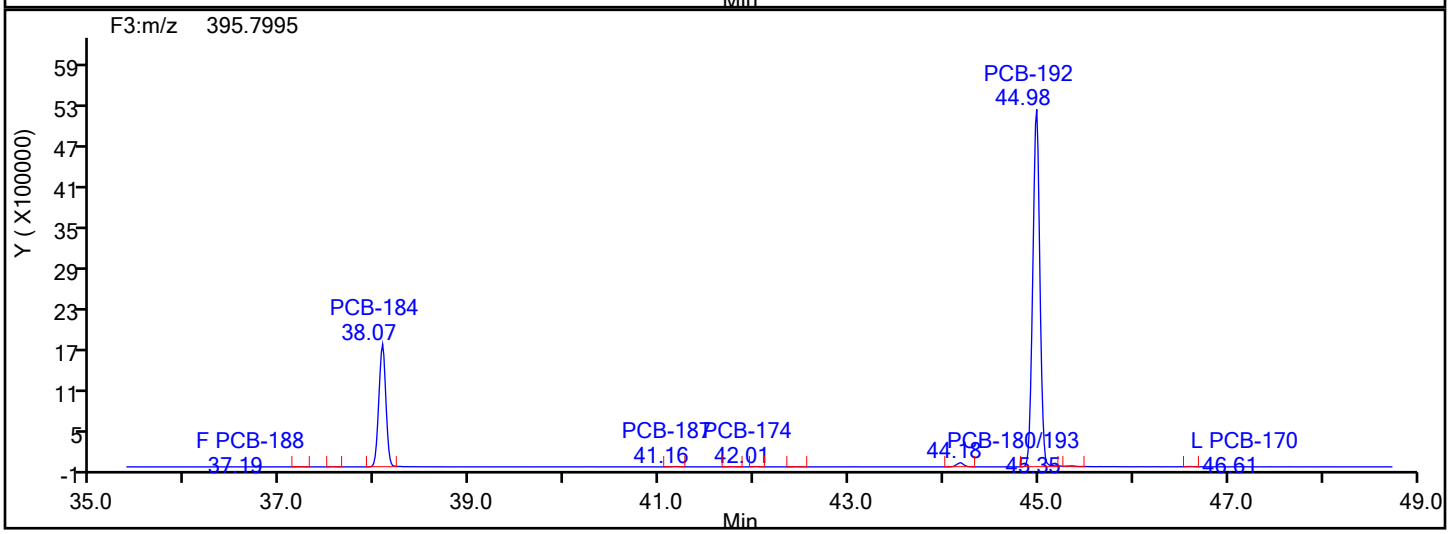
Report Date: 05-Jan-2024 00:10:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

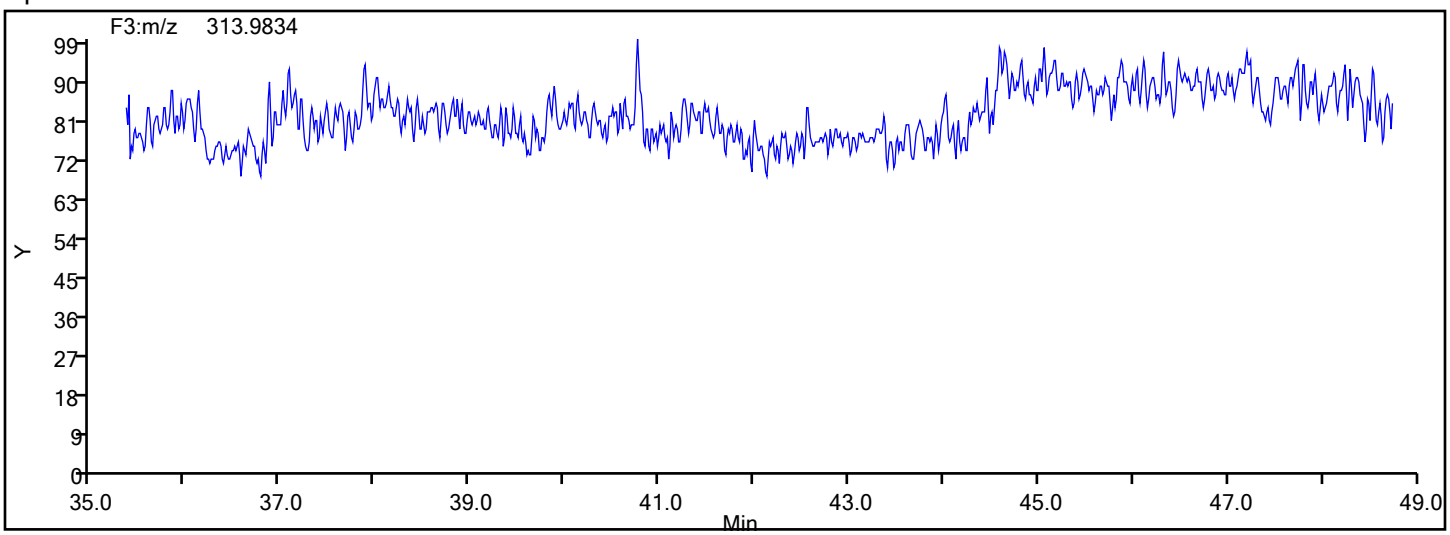
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

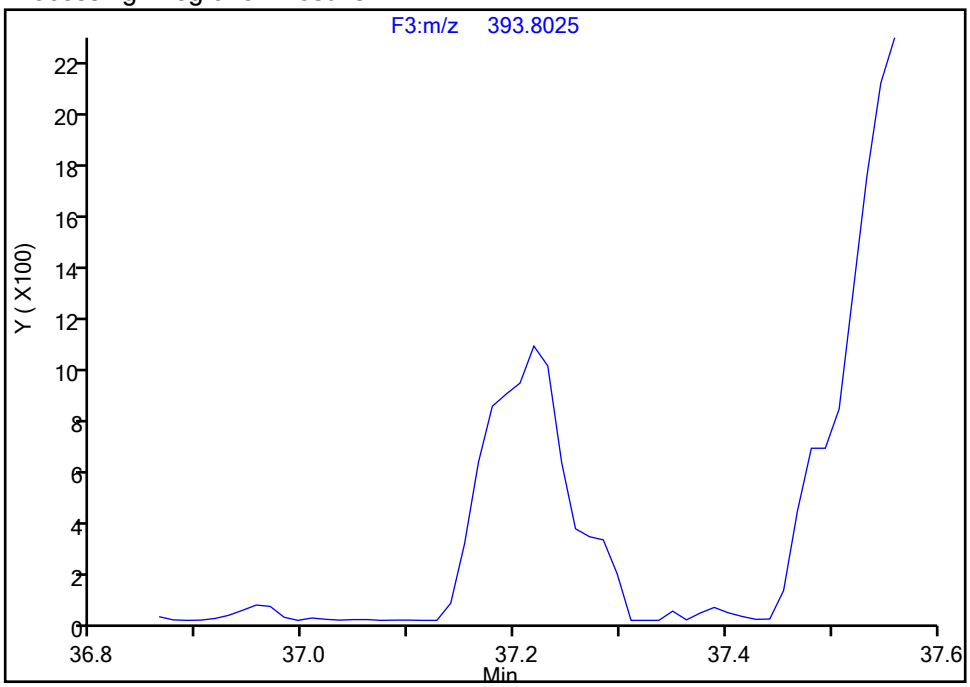
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-188, CAS: 74487-85-7

Signal: 1

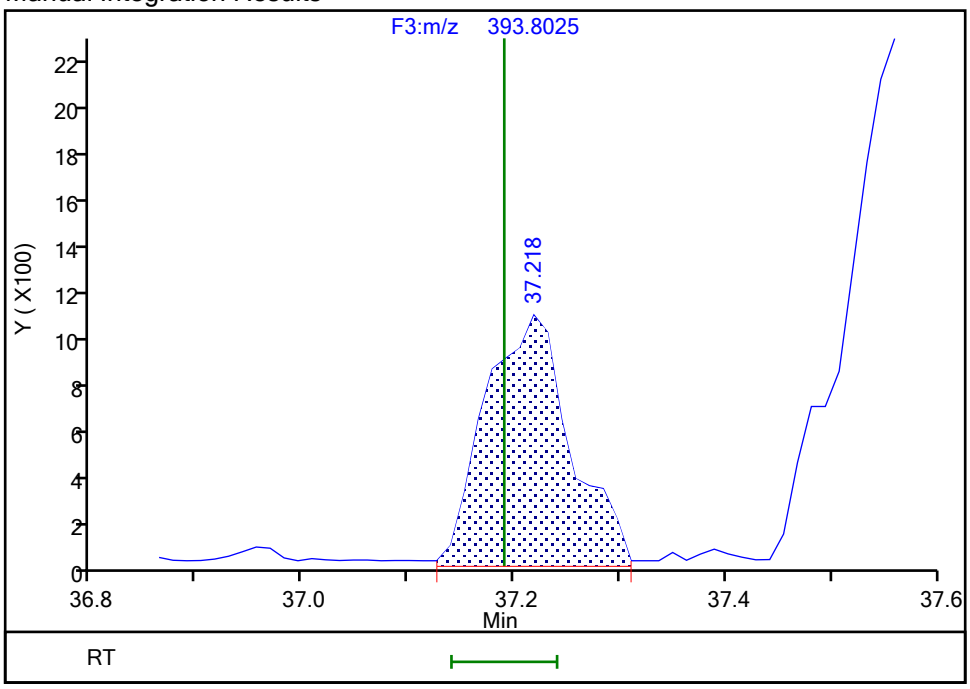
Not Detected
Expected RT: 37.19

Processing Integration Results



Manual Integration Results

RT: 37.22
Area: 5934
Amount: 0.279229
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:46:03 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

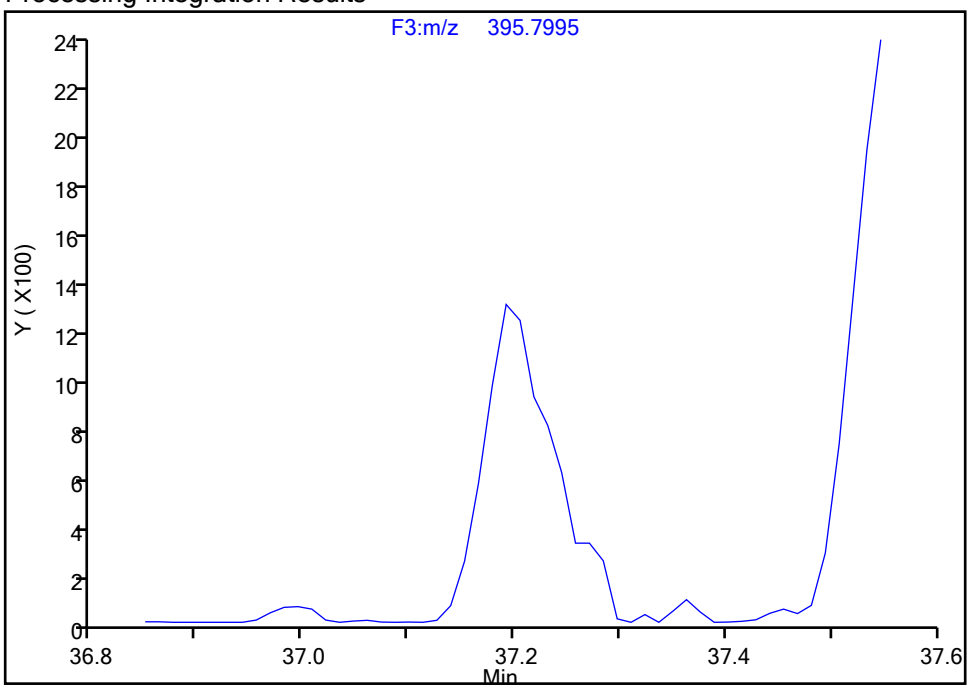
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-188, CAS: 74487-85-7

Signal: 2

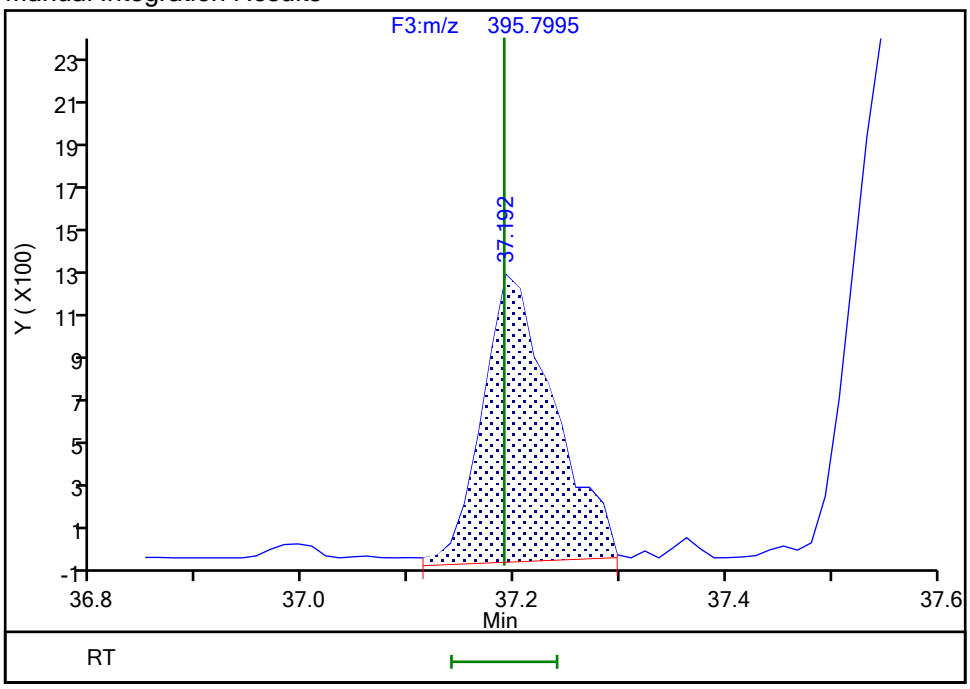
Not Detected
Expected RT: 37.19

Processing Integration Results



Manual Integration Results

RT: 37.19
Area: 6108
Amount: 0.279229
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:46:09 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

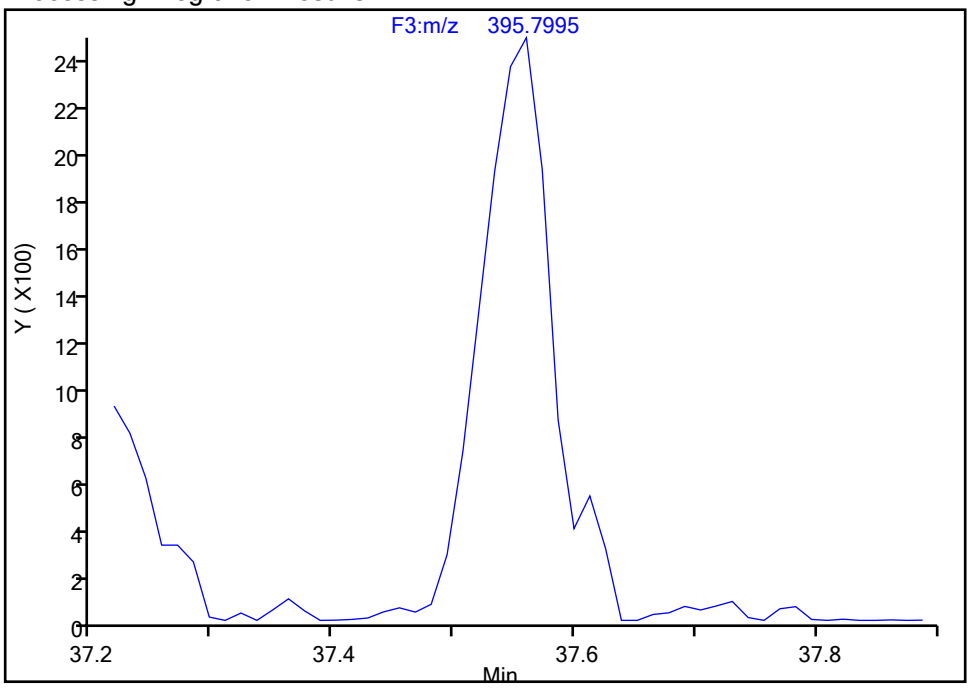
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-179, CAS: 52663-64-6

Signal: 2

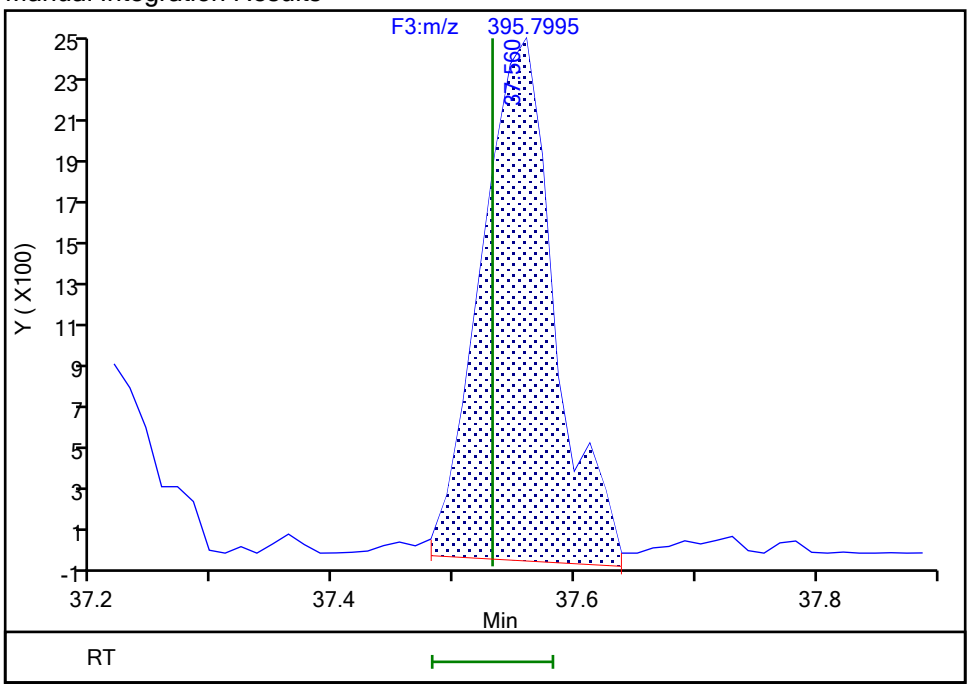
Not Detected
Expected RT: 37.53

Processing Integration Results



Manual Integration Results

RT: 37.56
Area: 10586
Amount: 0.489470
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:45:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

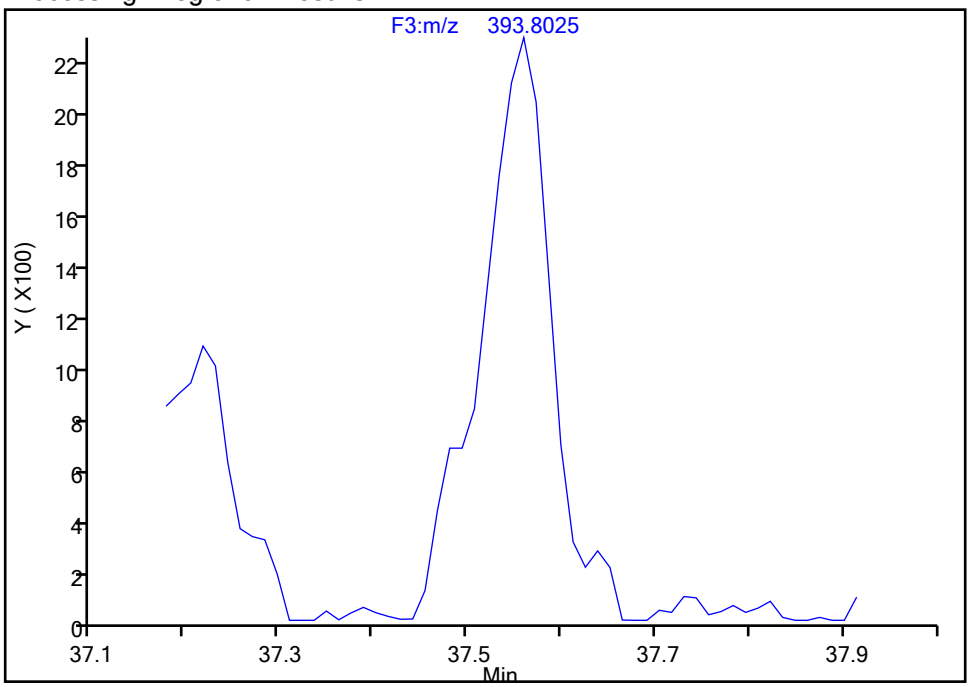
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-179, CAS: 52663-64-6

Signal: 1

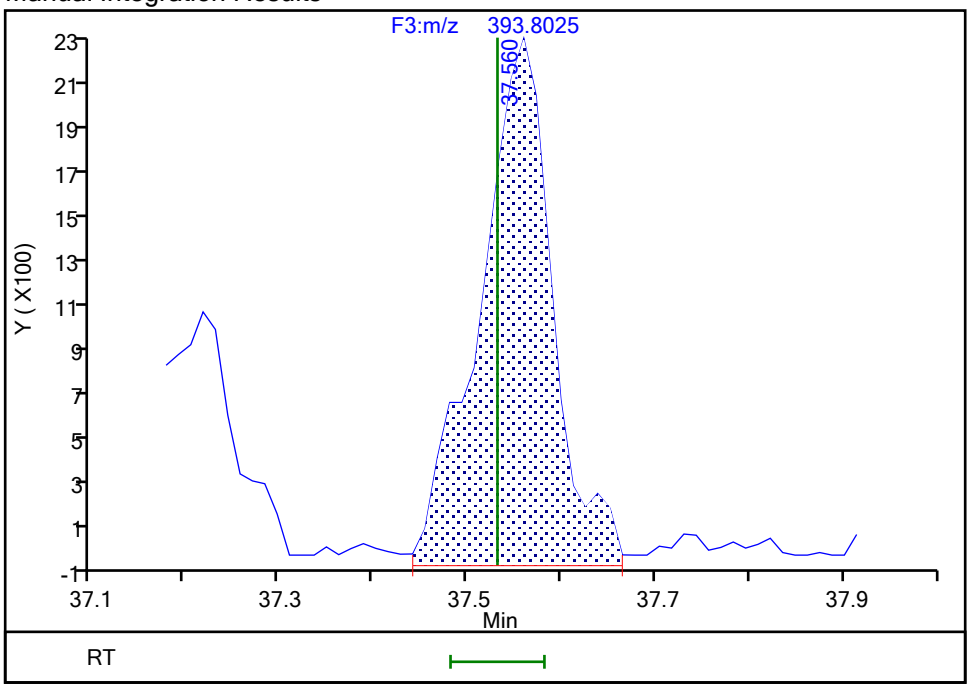
Not Detected
Expected RT: 37.53

Processing Integration Results



Manual Integration Results

RT: 37.56
Area: 12171
Amount: 0.489470
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:45:29 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

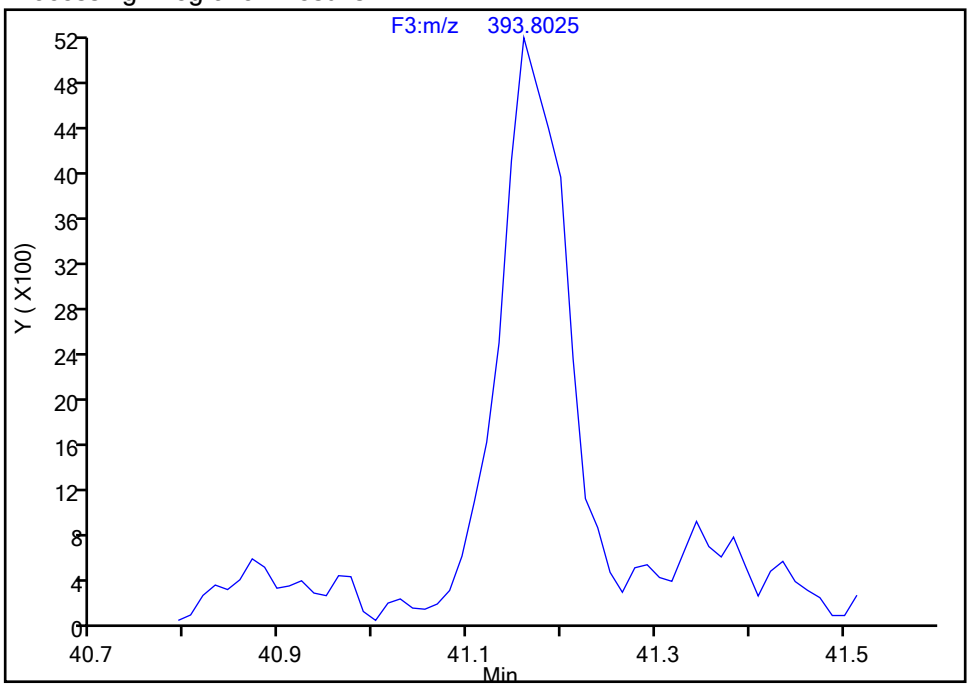
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-187, CAS: 52663-68-0

Signal: 1

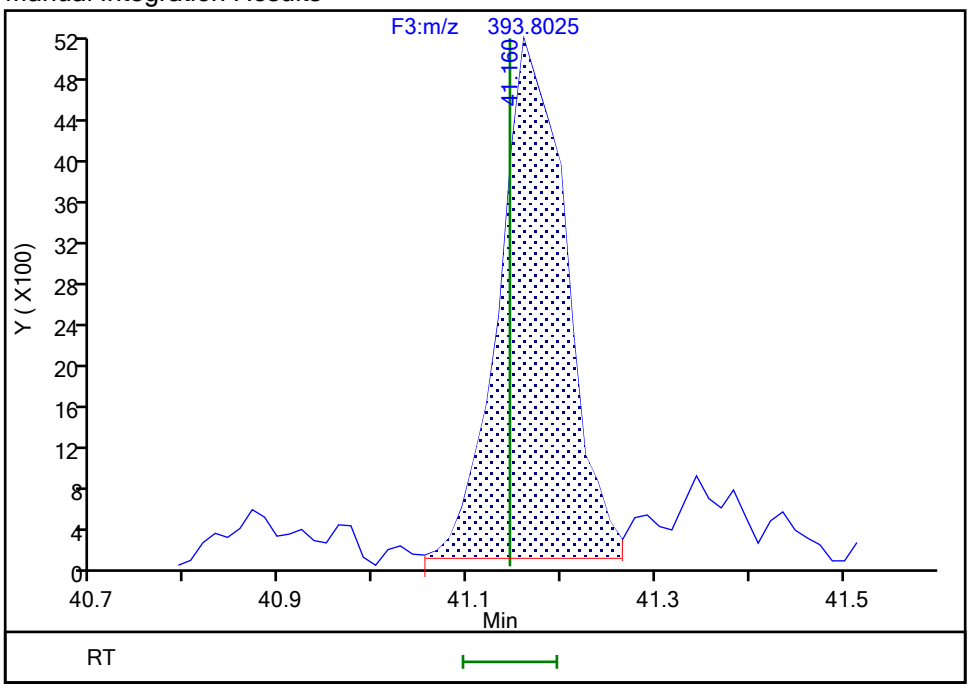
Not Detected
Expected RT: 41.14

Processing Integration Results



Manual Integration Results

RT: 41.16
Area: 25307
Amount: 1.302166
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:46:42 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

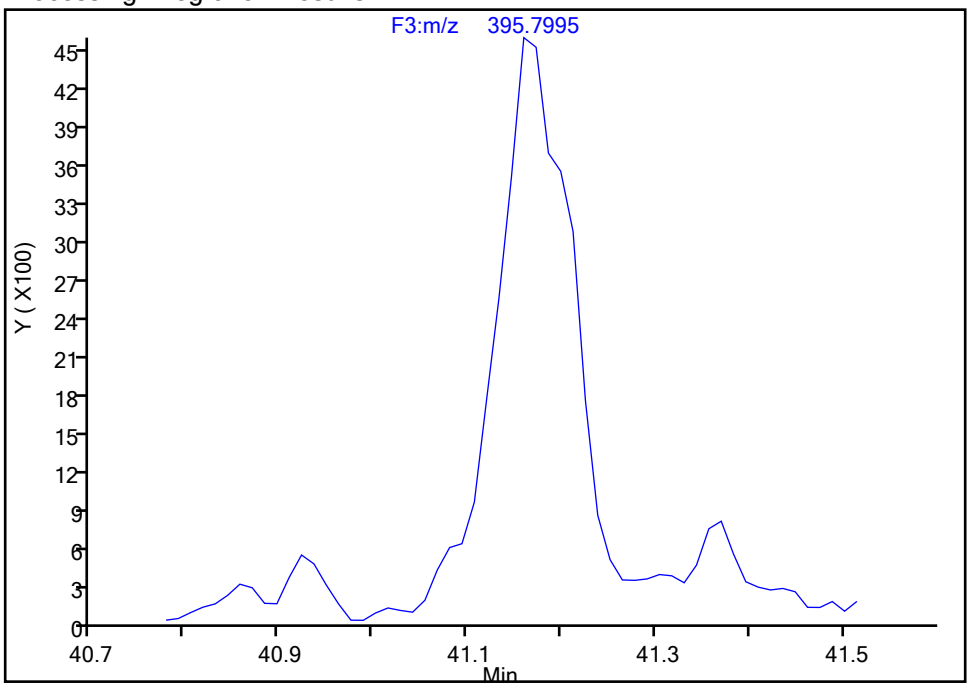
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-187, CAS: 52663-68-0

Signal: 2

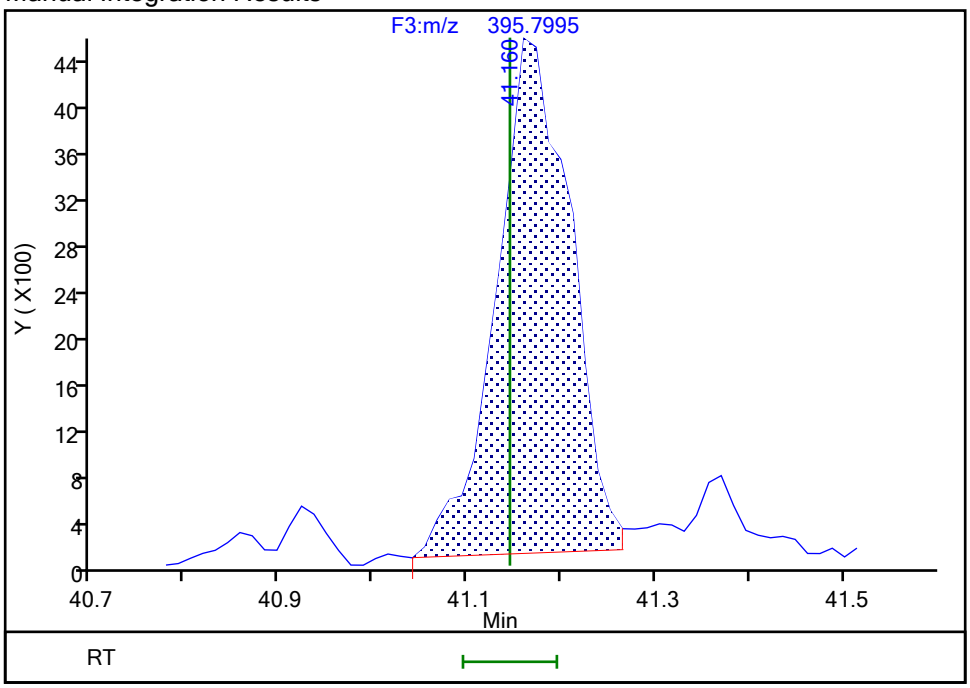
Not Detected
Expected RT: 41.14

Processing Integration Results



Manual Integration Results

RT: 41.16
Area: 24496
Amount: 1.302166
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:46:47 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

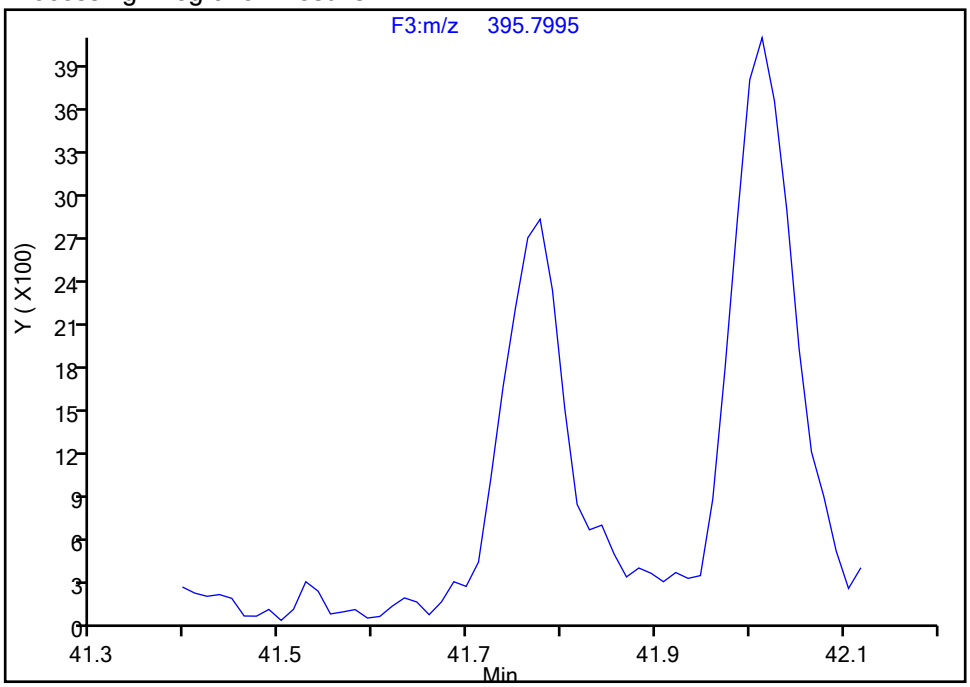
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 2

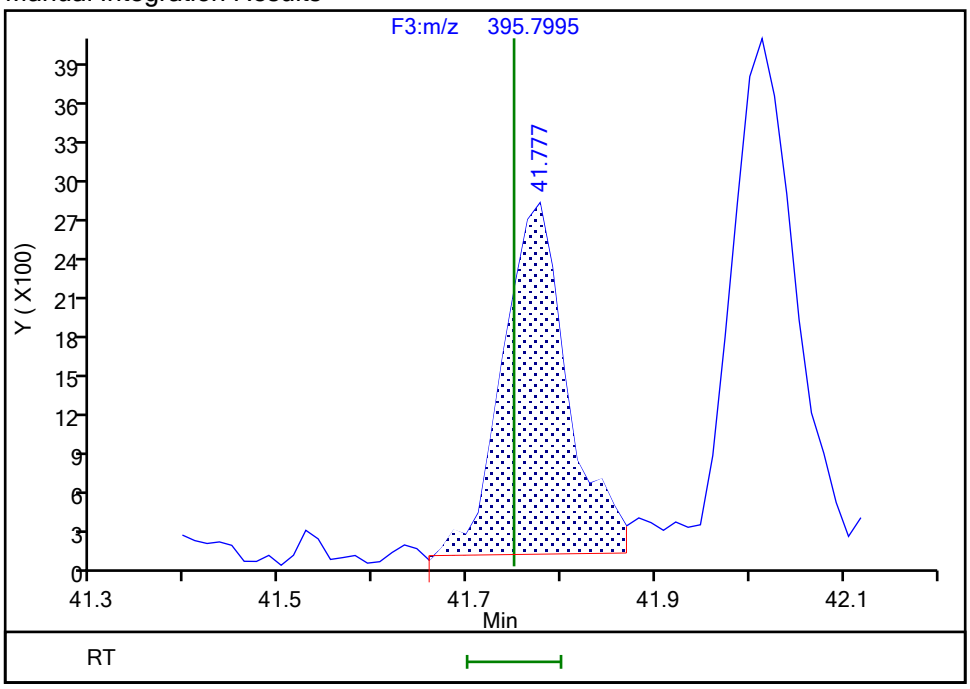
Not Detected
Expected RT: 41.75

Processing Integration Results



Manual Integration Results

RT: 41.78
Area: 12771
Amount: 0.887594
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:46:57 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

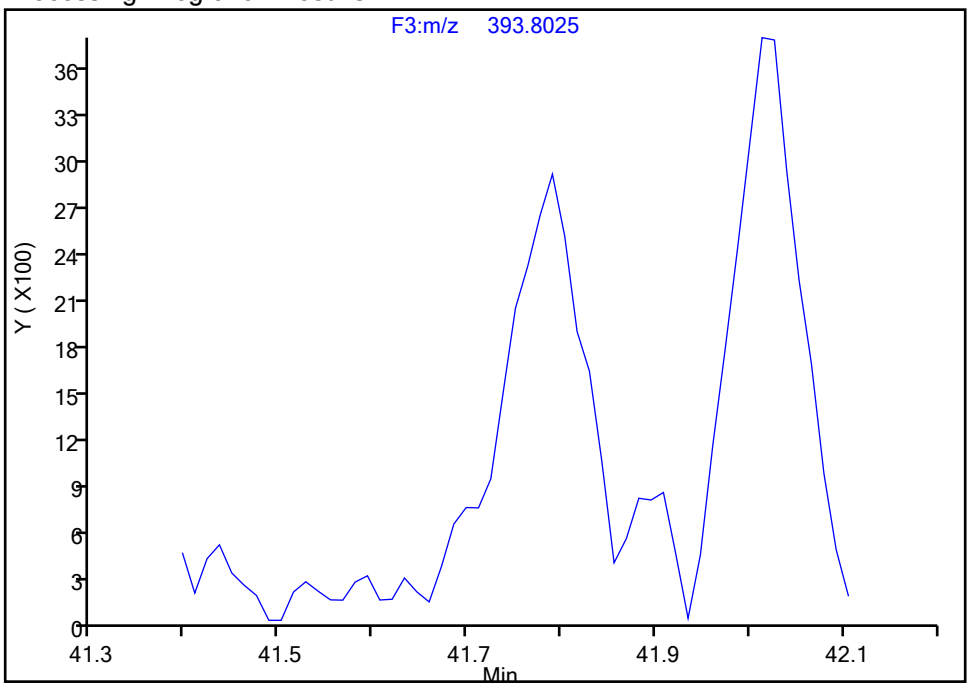
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

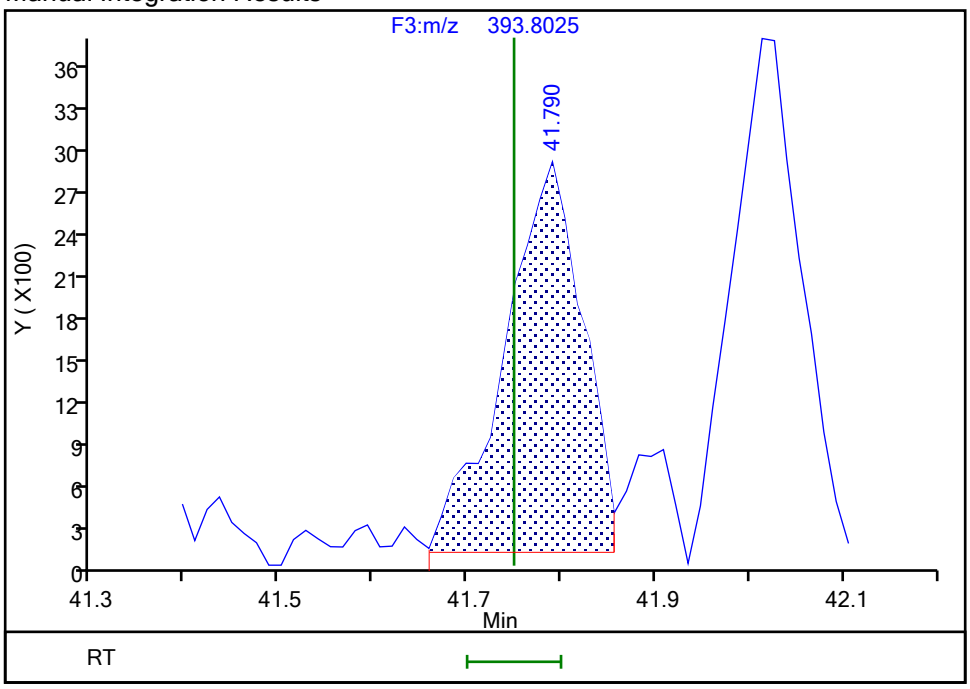
Not Detected
Expected RT: 41.75

Processing Integration Results



Manual Integration Results

RT: 41.79
Area: 15849
Amount: 0.887594
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:47:01 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

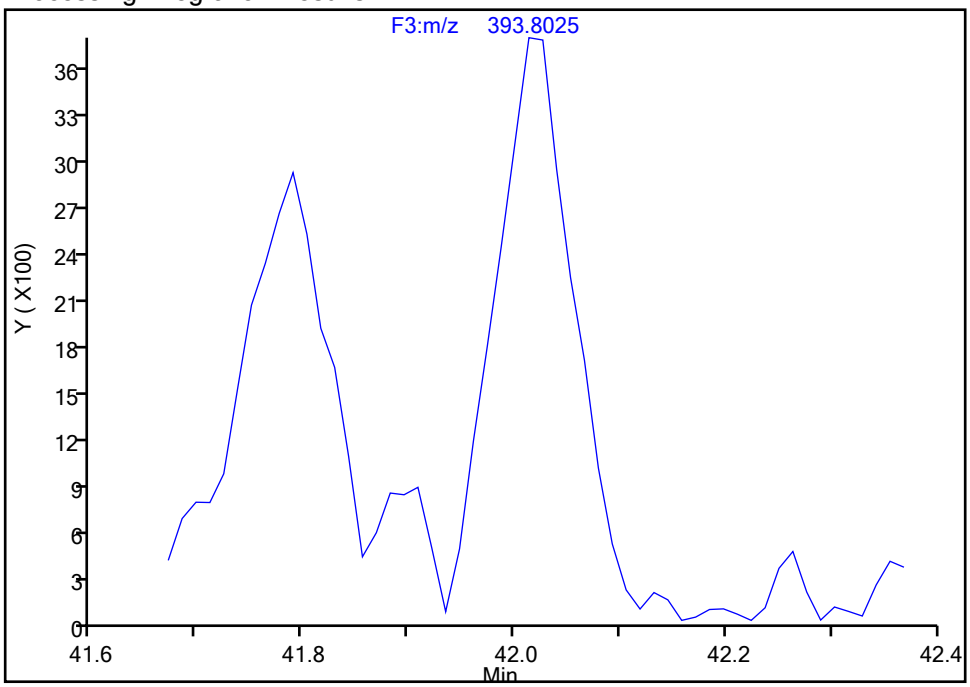
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-174, CAS: 38411-25-5

Signal: 1

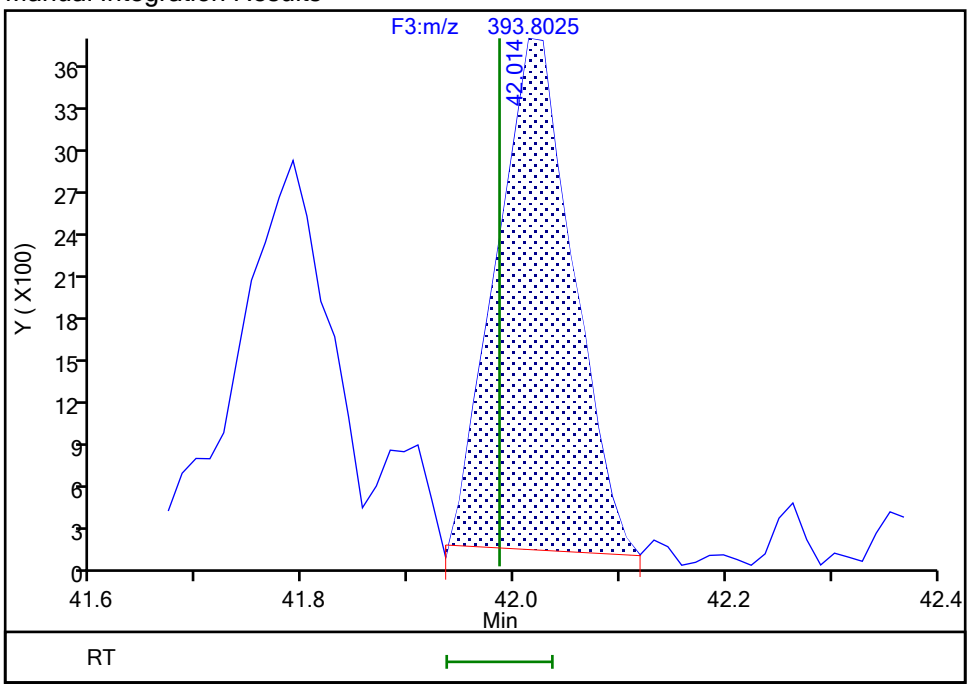
Not Detected
Expected RT: 41.99

Processing Integration Results



Manual Integration Results

RT: 42.01
Area: 18470
Amount: 1.117846
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:47:09 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

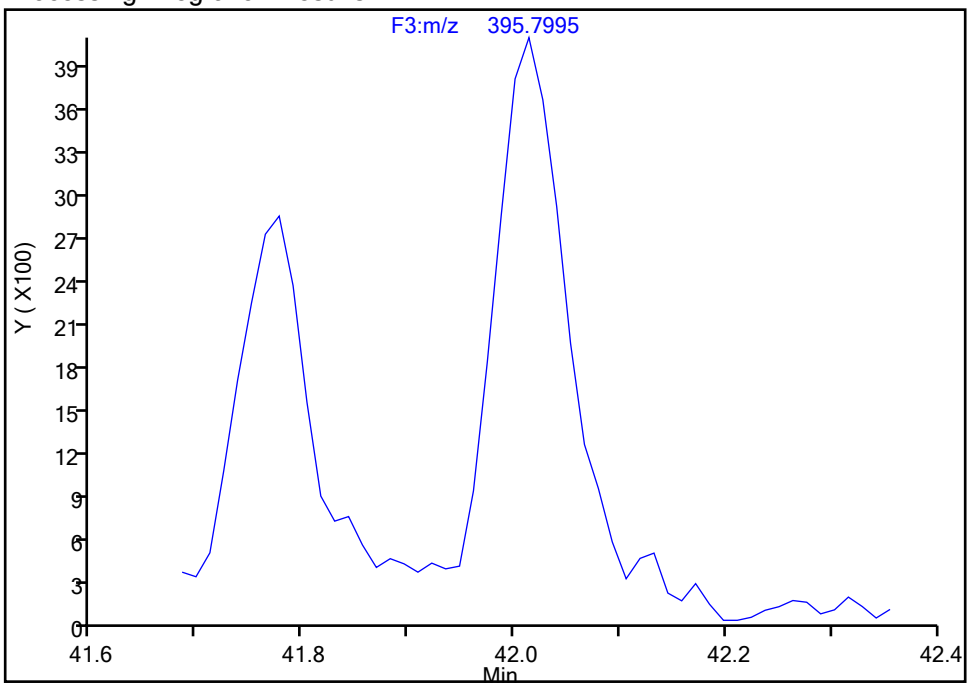
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-174, CAS: 38411-25-5

Signal: 2

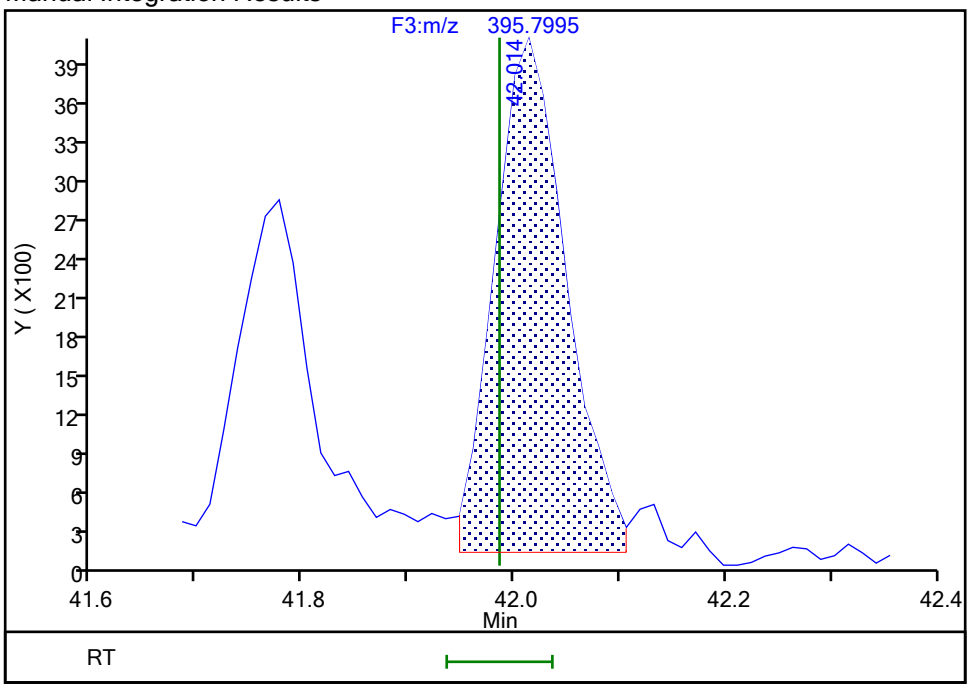
Not Detected
Expected RT: 41.99

Processing Integration Results



Manual Integration Results

RT: 42.01
Area: 18559
Amount: 1.117846
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:47:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

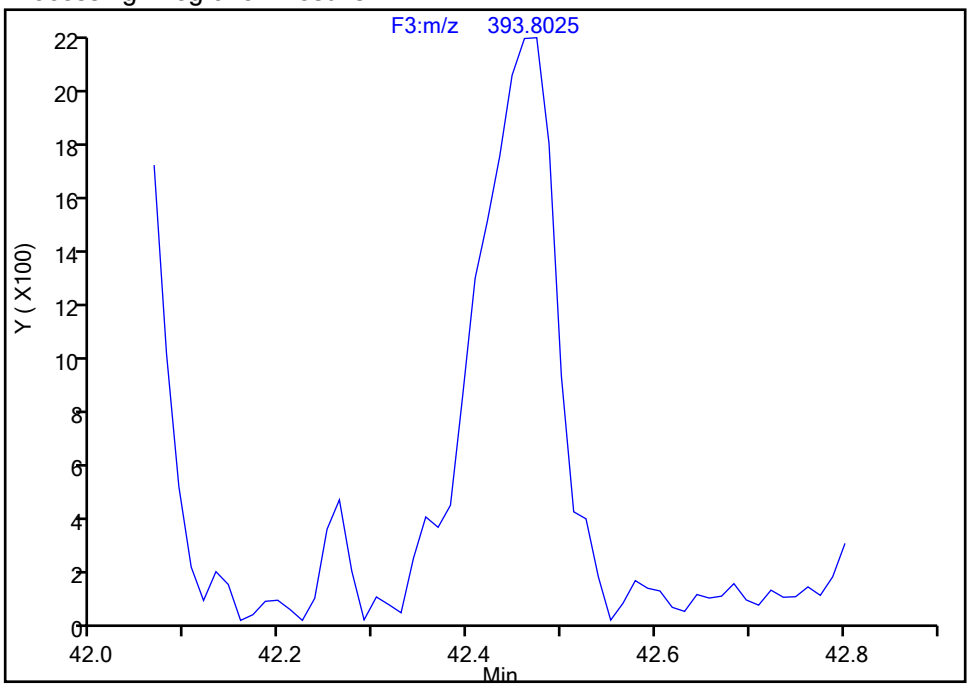
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-177, CAS: 52663-70-4

Signal: 1

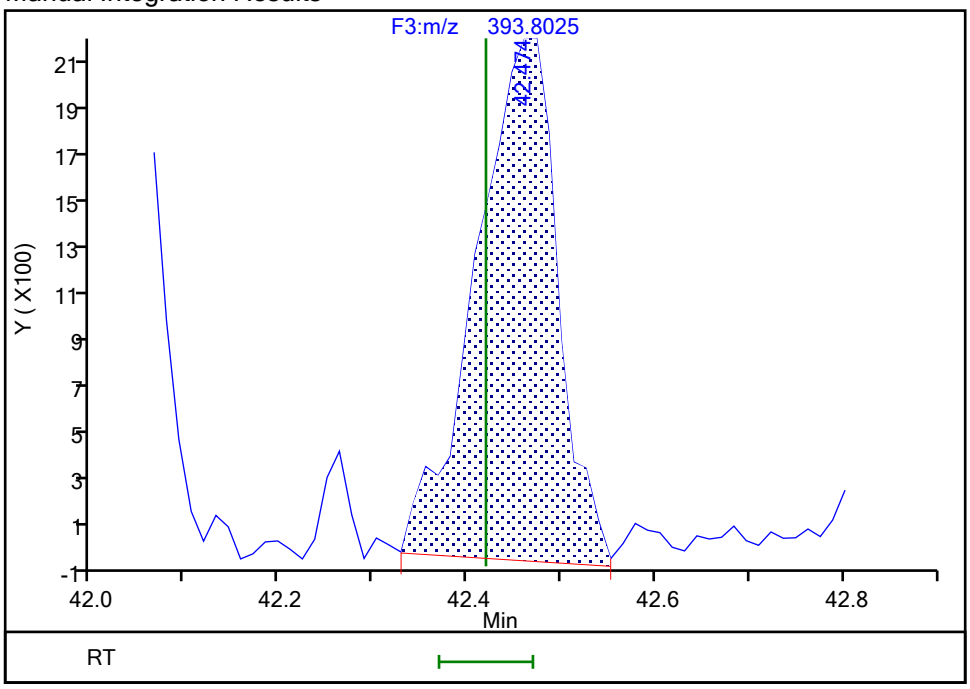
Not Detected
Expected RT: 42.42

Processing Integration Results



Manual Integration Results

RT: 42.47
Area: 13015
Amount: 0.774677
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:47:24 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

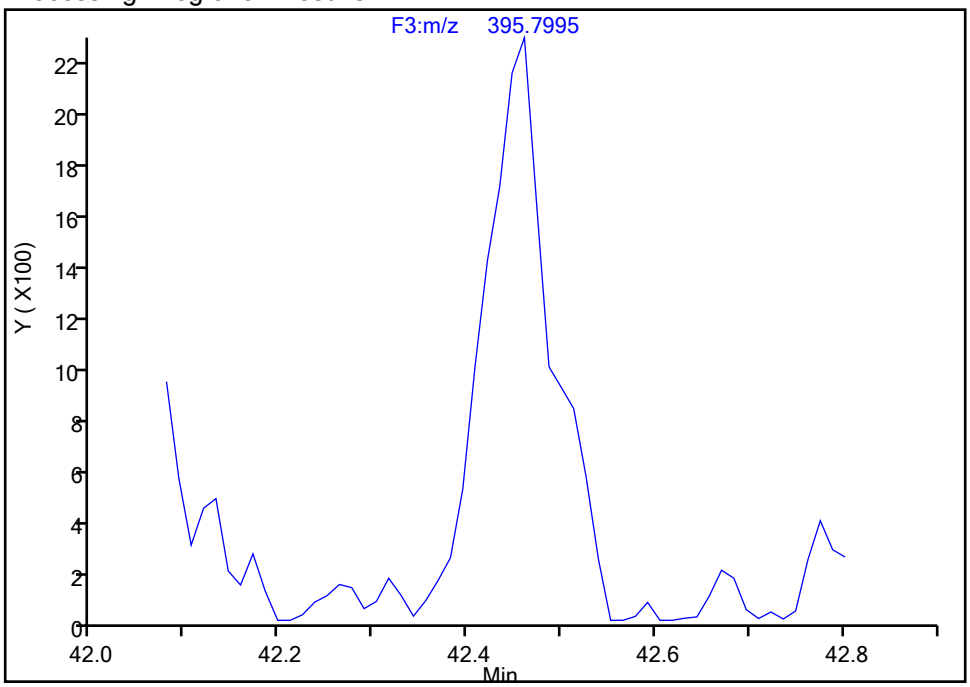
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-177, CAS: 52663-70-4

Signal: 2

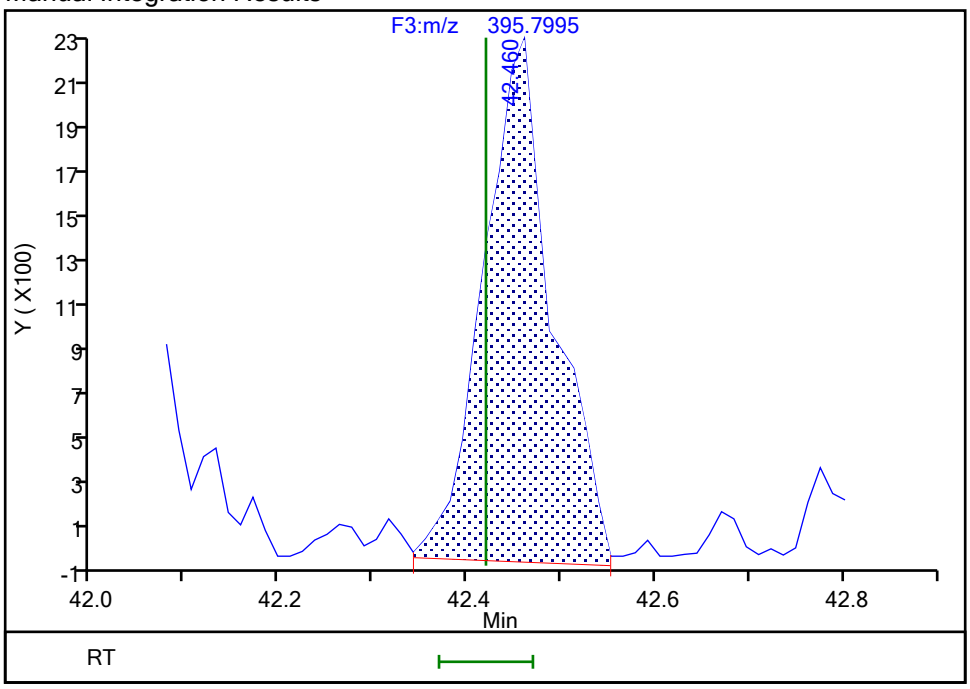
Not Detected
Expected RT: 42.42

Processing Integration Results



Manual Integration Results

RT: 42.46
Area: 11698
Amount: 0.774677
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:47:28 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

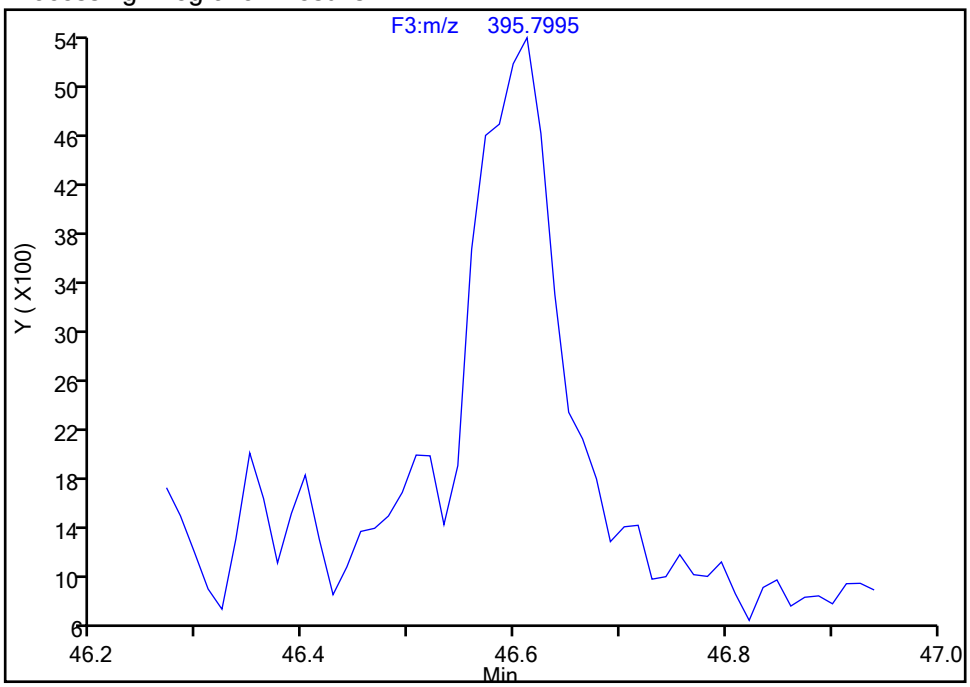
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-170, CAS: 35065-30-6

Signal: 2

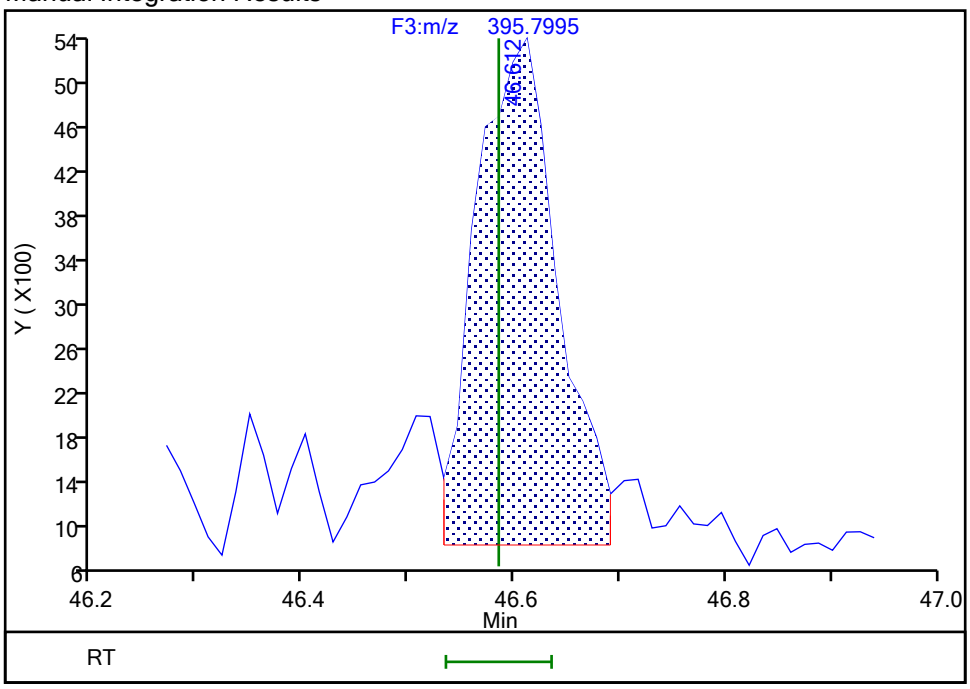
Not Detected
Expected RT: 46.58

Processing Integration Results



Manual Integration Results

RT: 46.61
Area: 23941
Amount: 1.919003
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:48:29 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

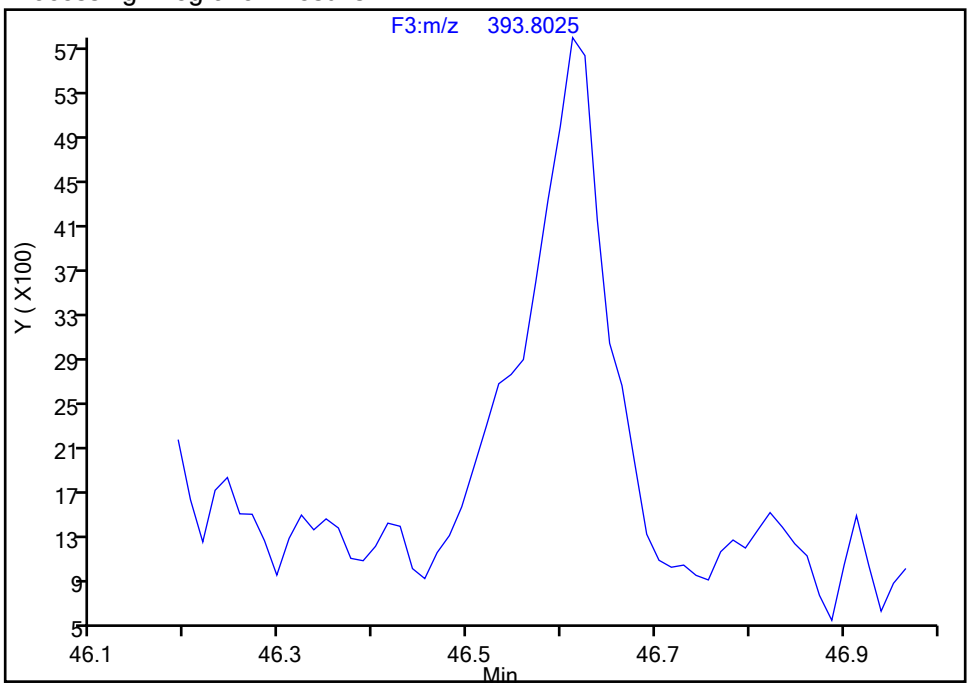
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Injection Date: 04-Jan-2024 17:05:00 Instrument ID: D2D
Lims ID: 140-34509-A-5-B Lab Sample ID: 140-34509-5
Client ID: PW-03
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-170, CAS: 35065-30-6

Signal: 1

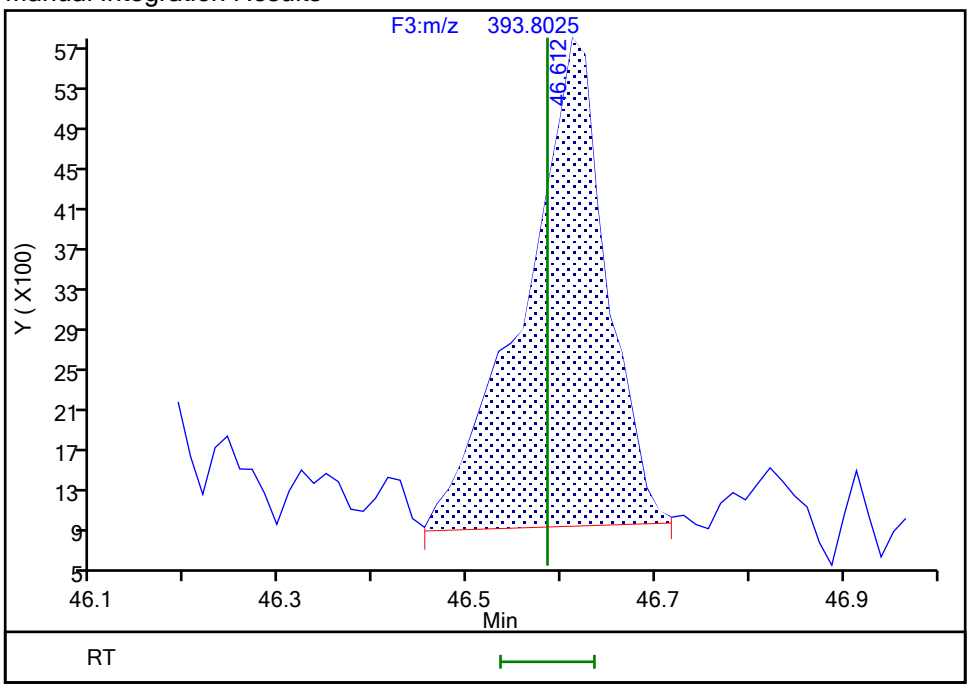
Not Detected
Expected RT: 46.58

Processing Integration Results



Manual Integration Results

RT: 46.61
Area: 29379
Amount: 1.919003
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 23:48:33 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

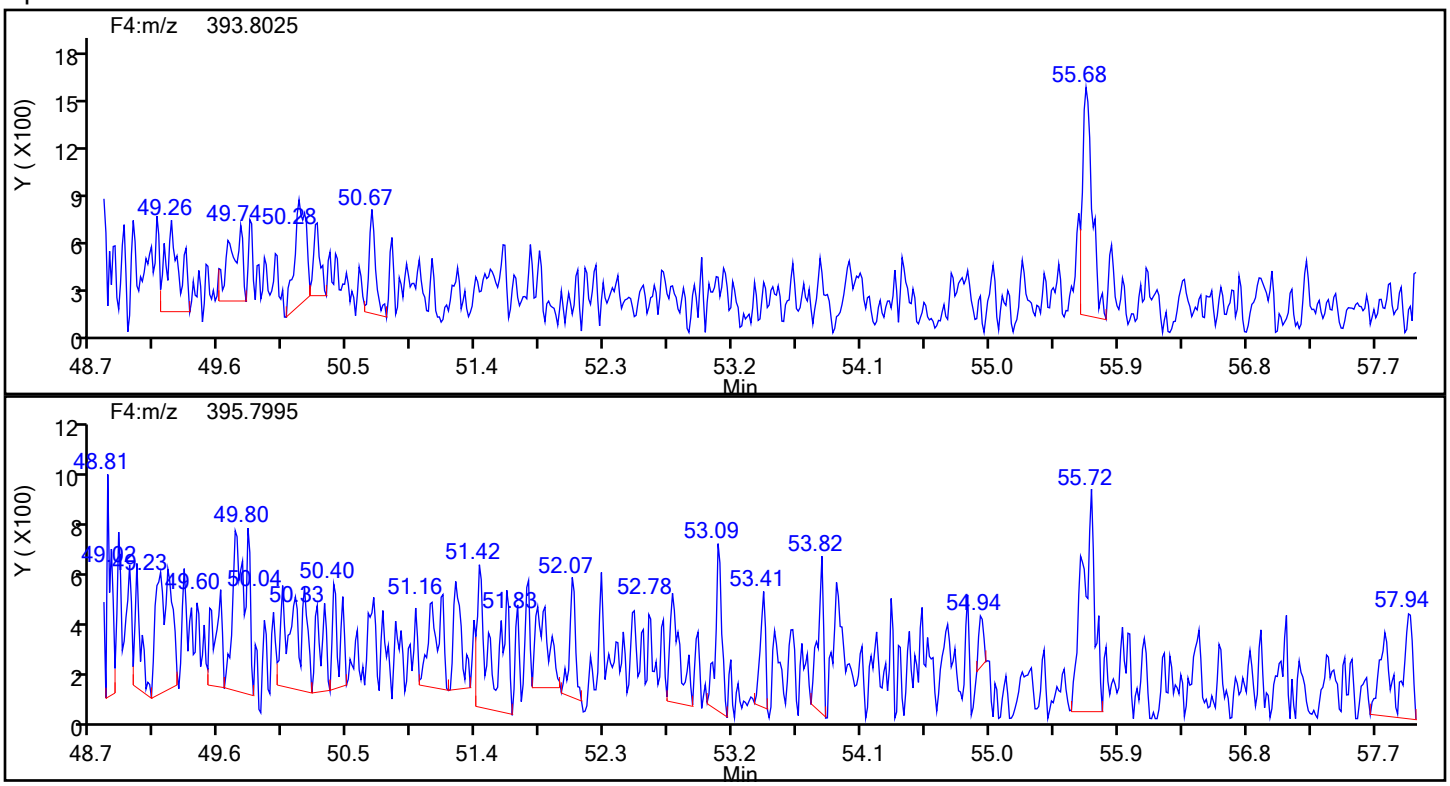
Report Date: 05-Jan-2024 00:10:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

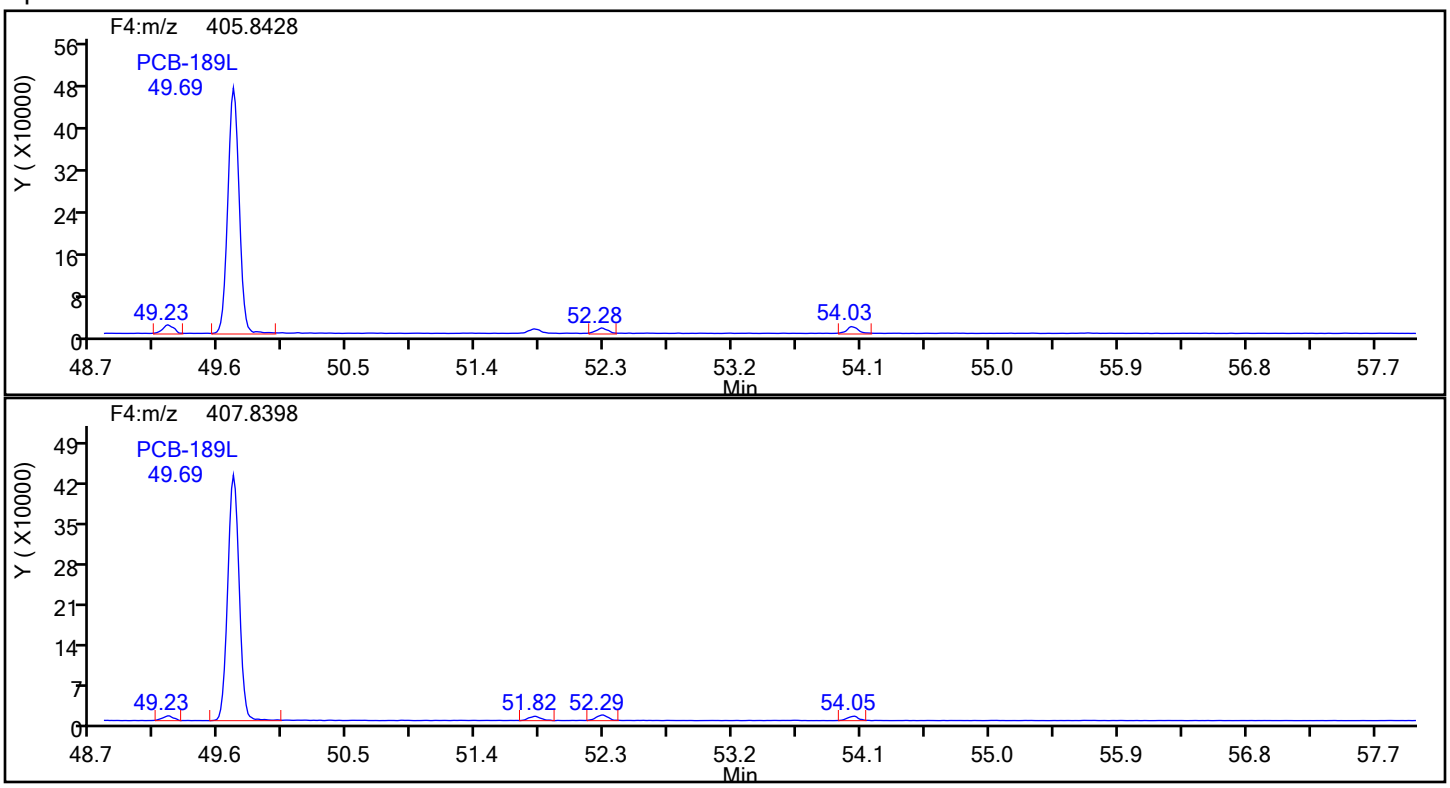
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

HpPCB F4



HpPCB F4 Standards

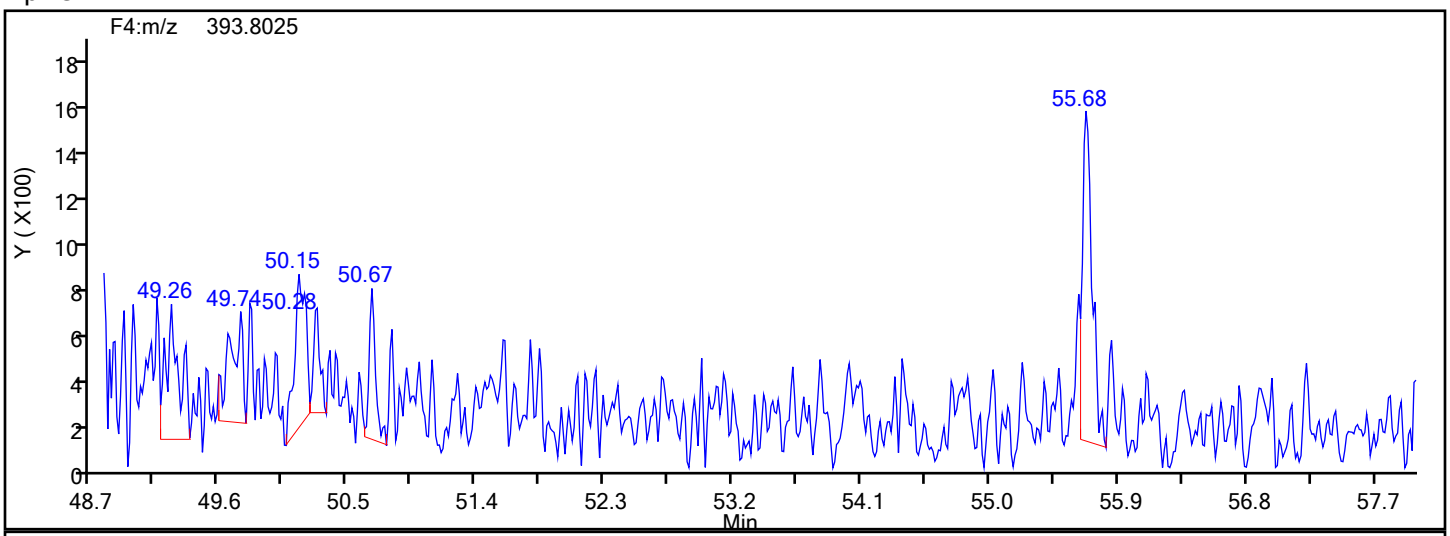


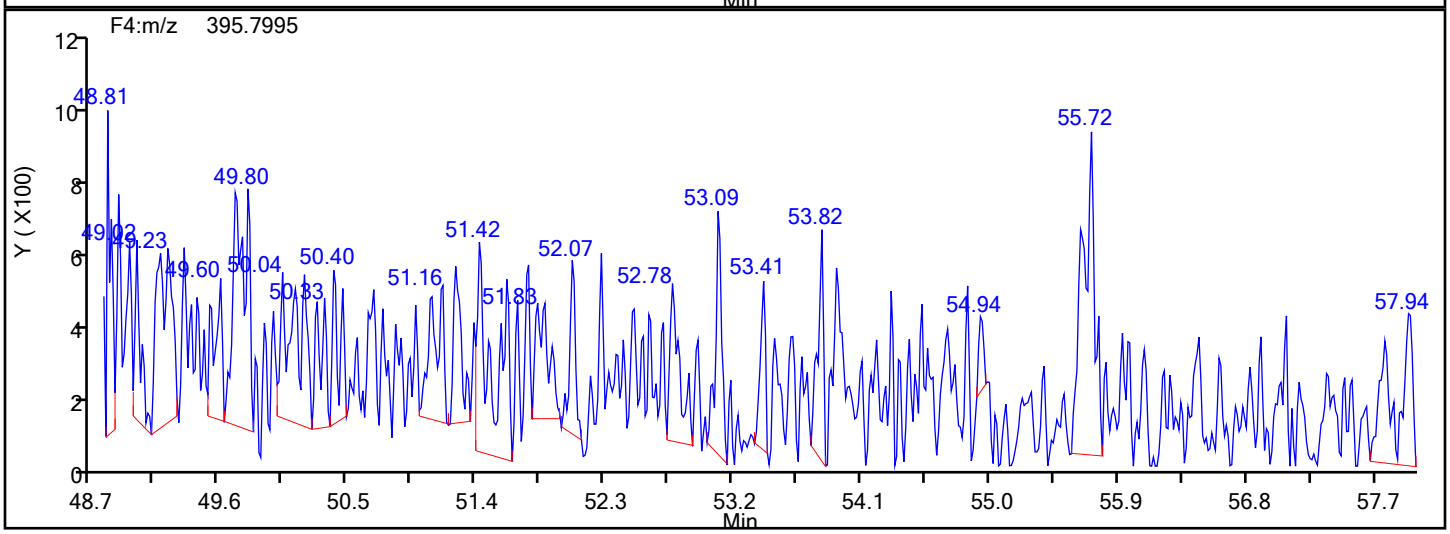
Report Date: 05-Jan-2024 00:10:18 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

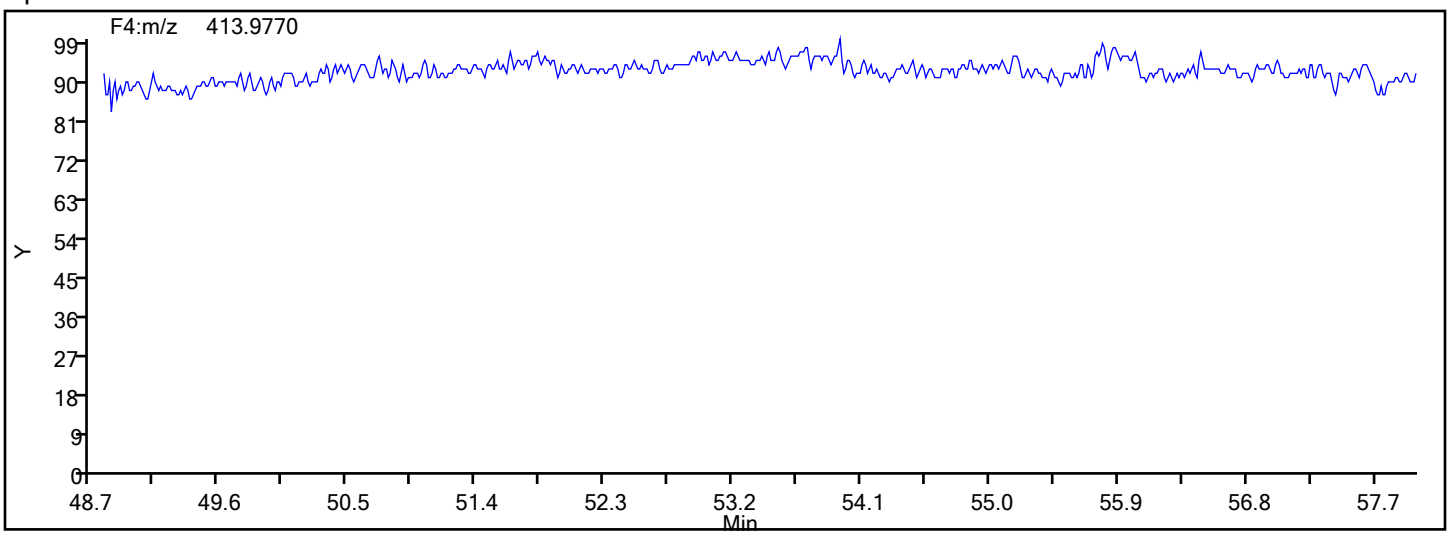
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



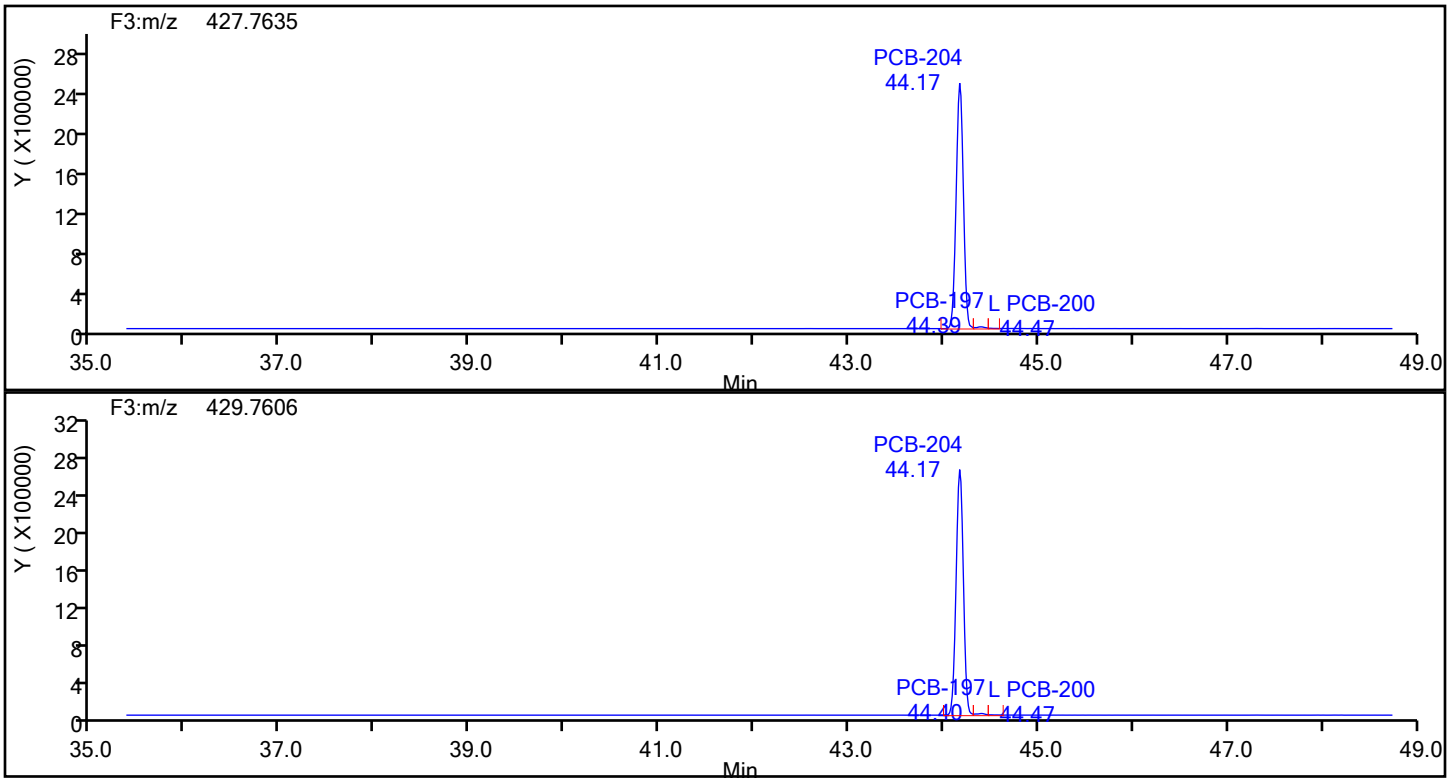
Report Date: 05-Jan-2024 00:10:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

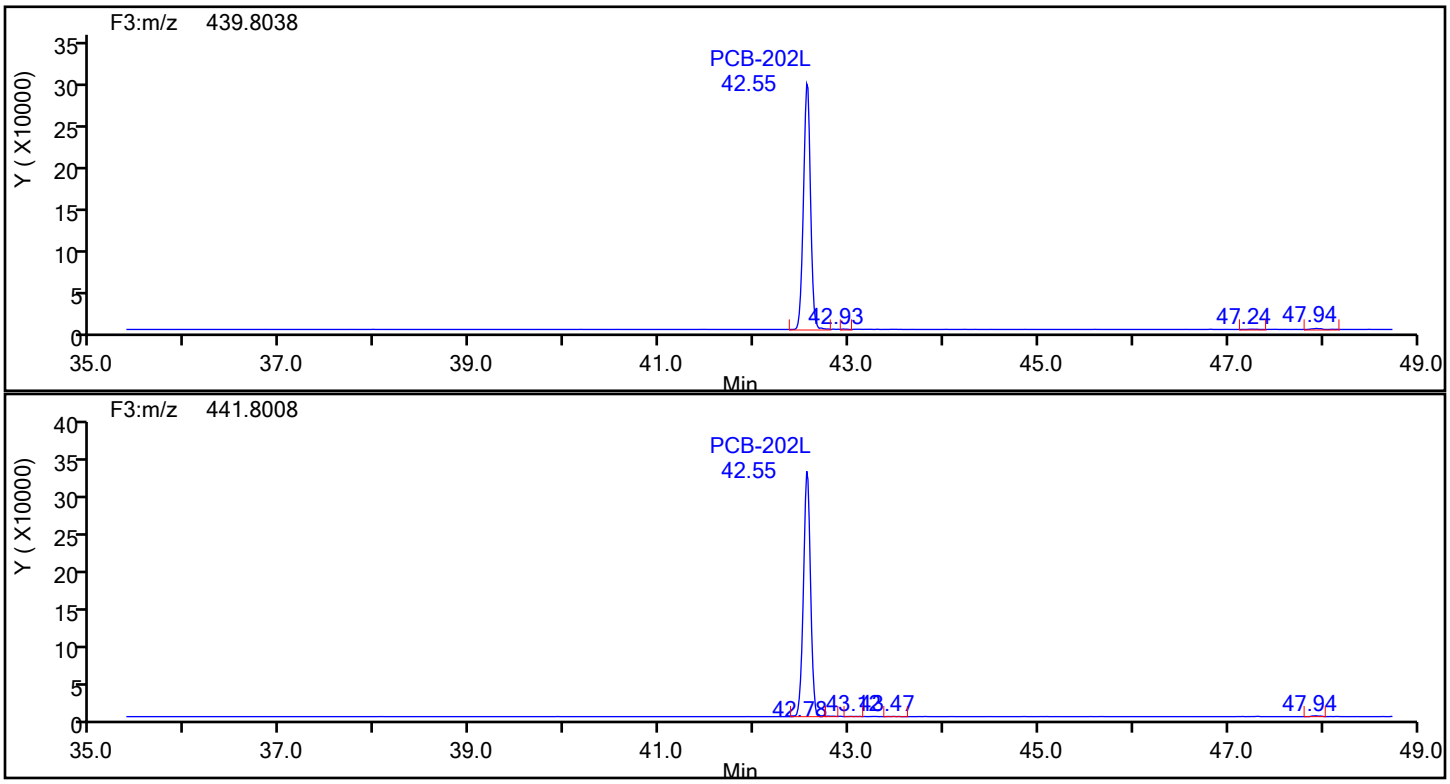
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

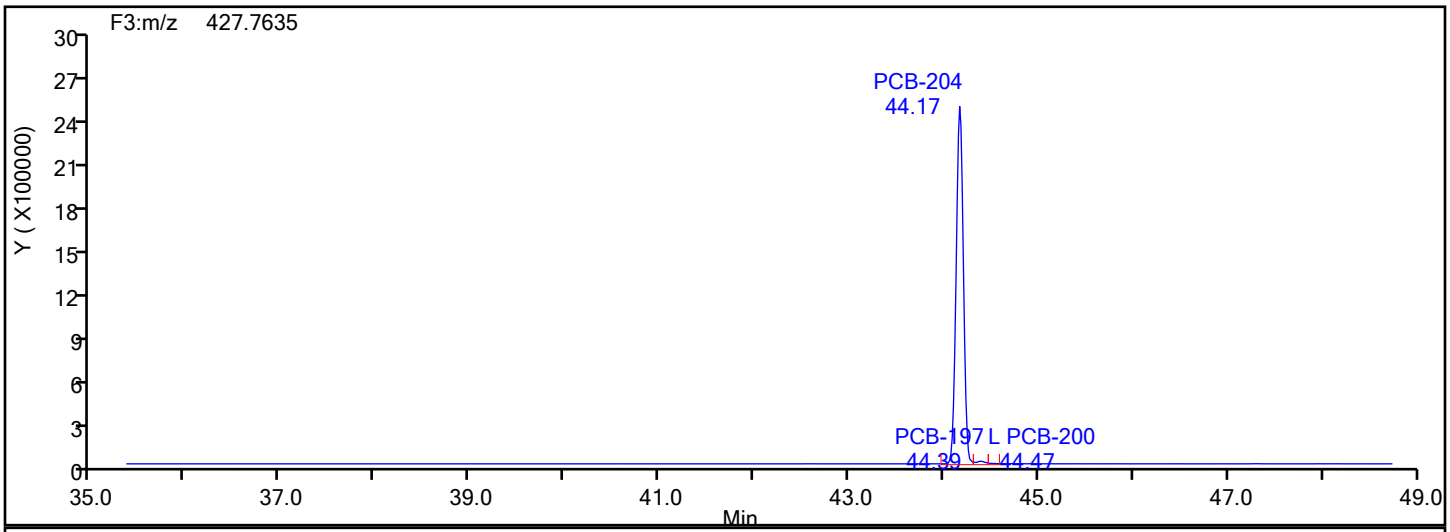


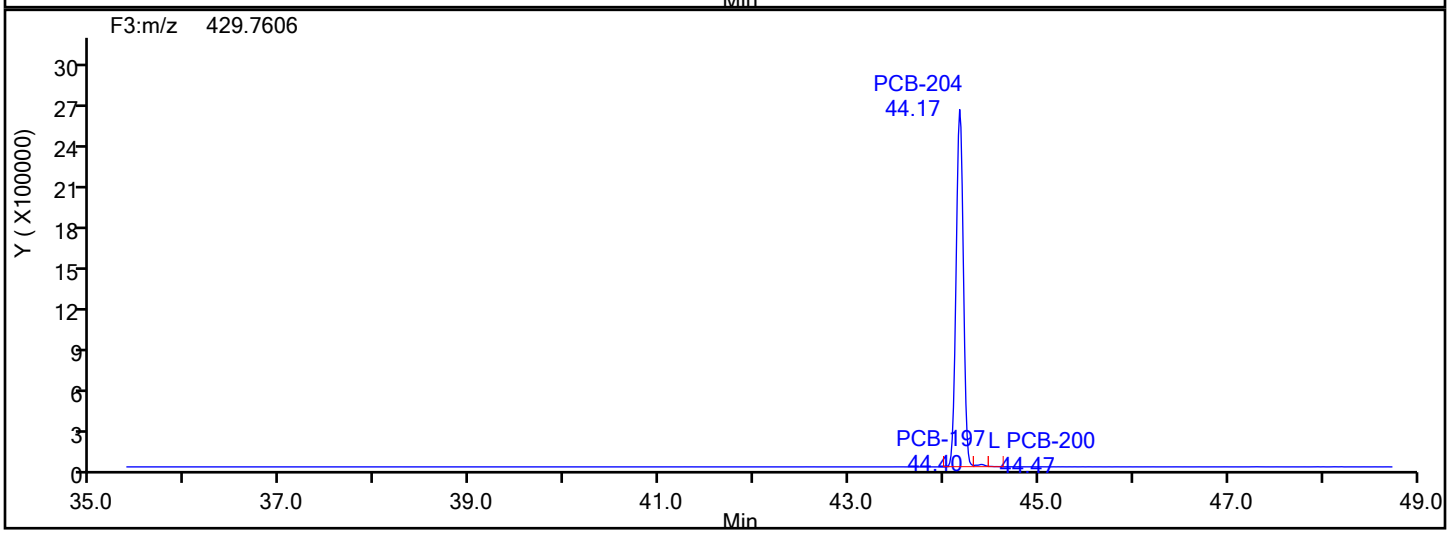
Report Date: 05-Jan-2024 00:10:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

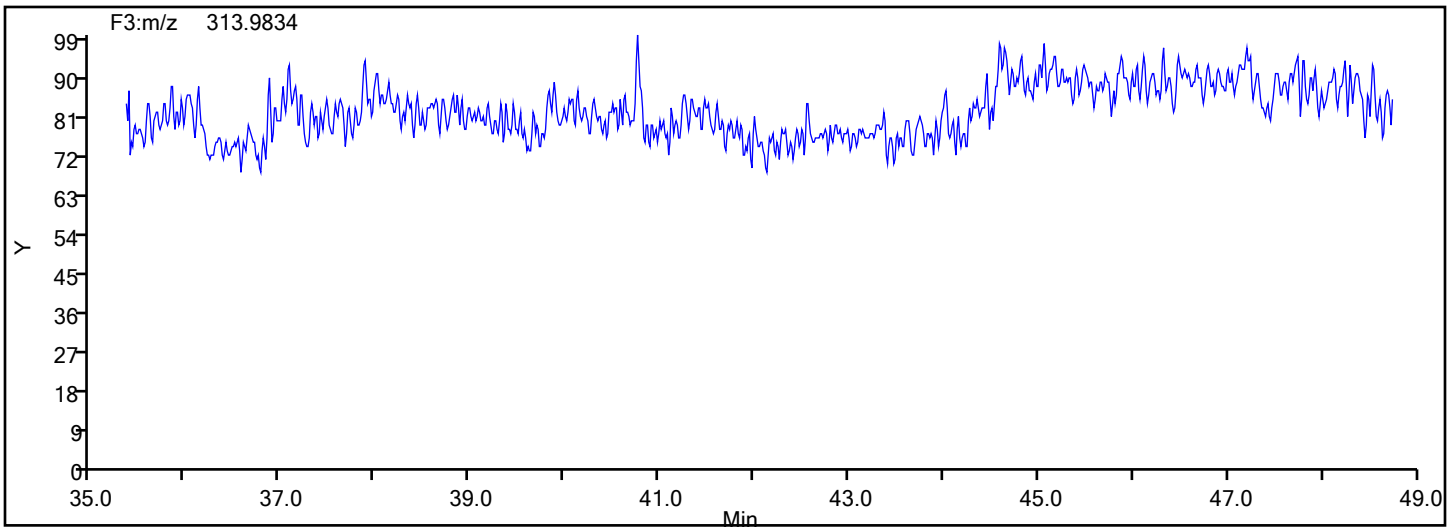
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

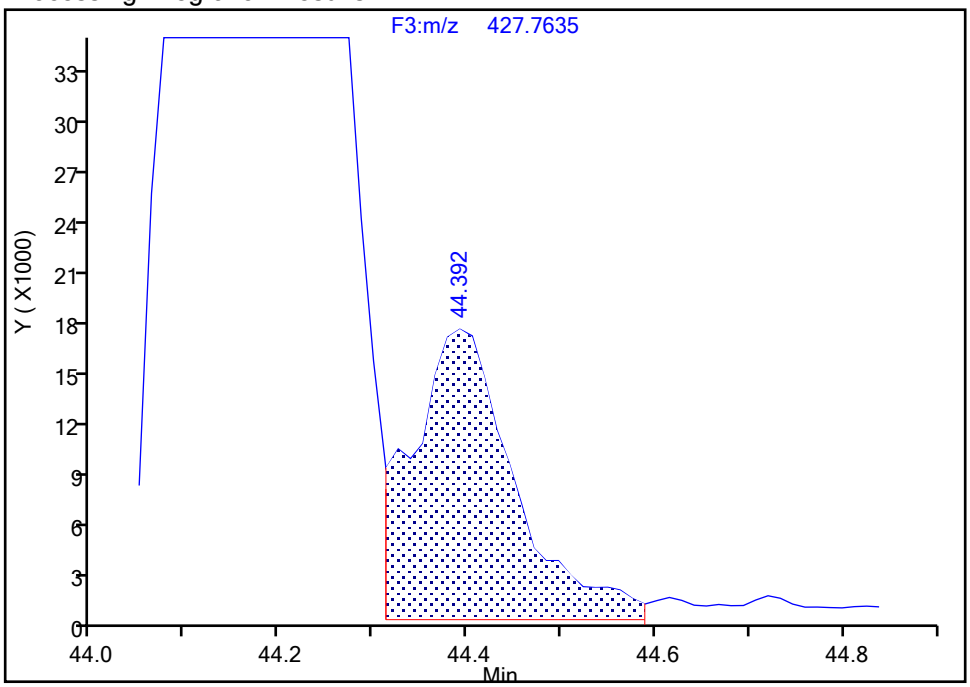
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 1

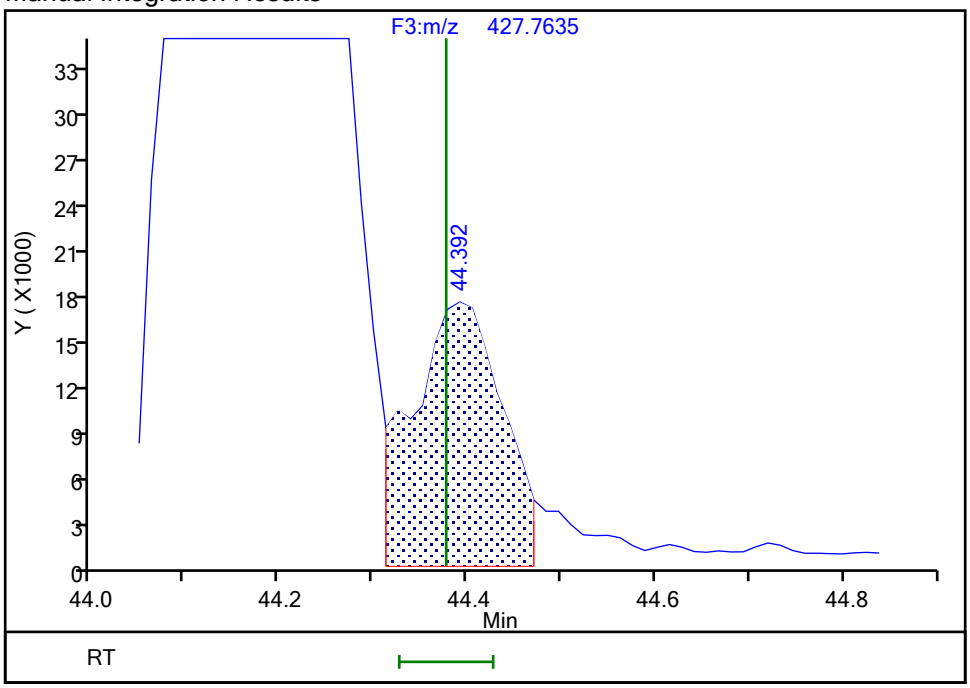
Processing Integration Results

RT: 44.39
Area: 131915
Amount: 7.192123
Amount Units: pg/ul



Manual Integration Results

RT: 44.39
Area: 114887
Amount: 6.796978
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:07:29 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

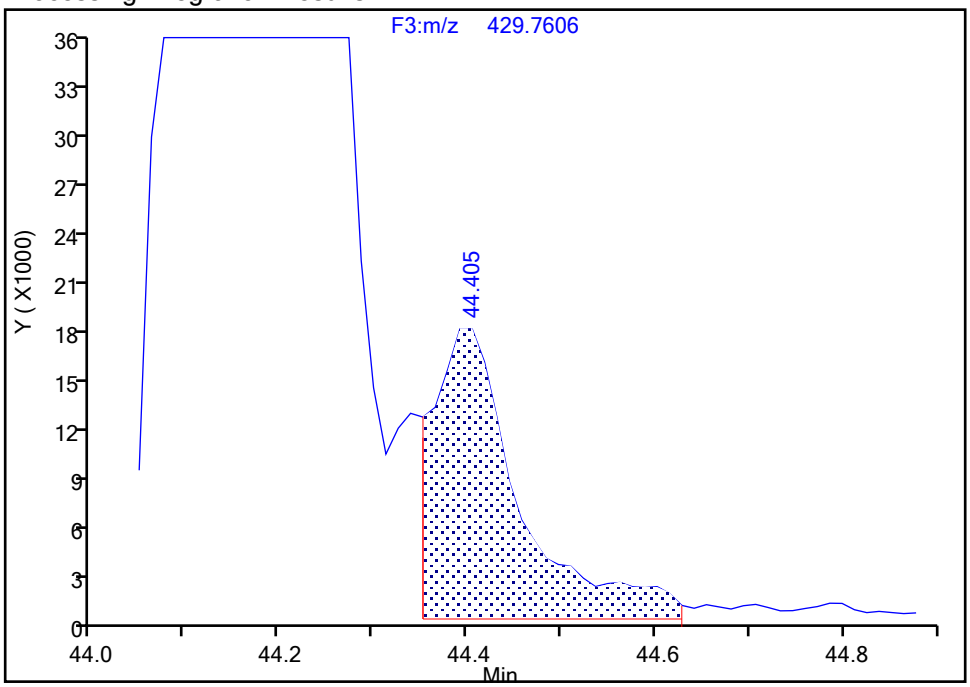
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 2

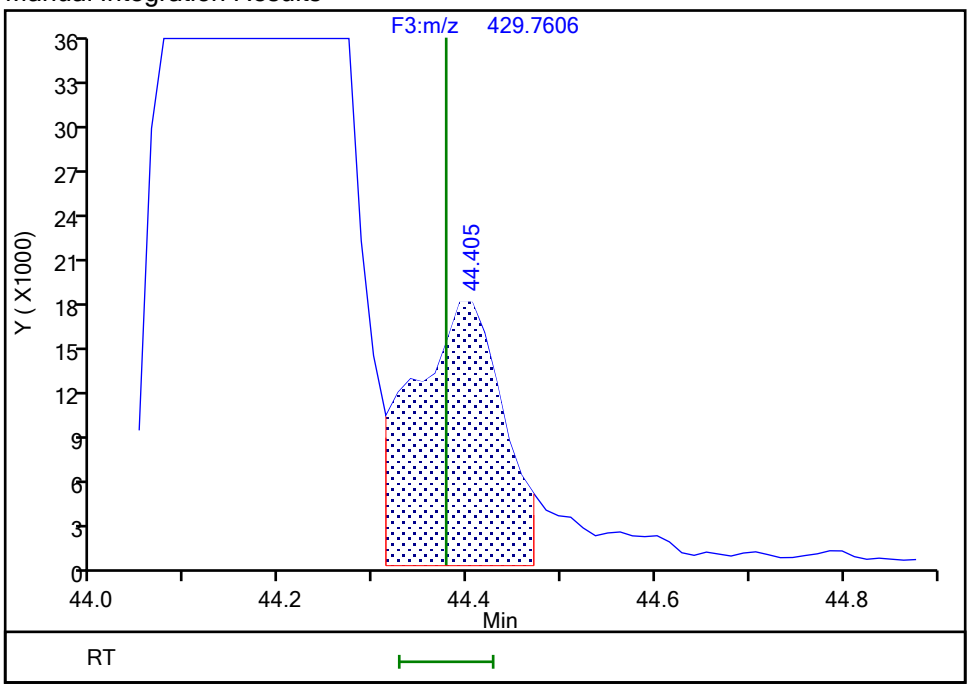
Processing Integration Results

RT: 44.40
Area: 113874
Amount: 7.192123
Amount Units: pg/ul



Manual Integration Results

RT: 44.40
Area: 117398
Amount: 6.796978
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:07:31 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

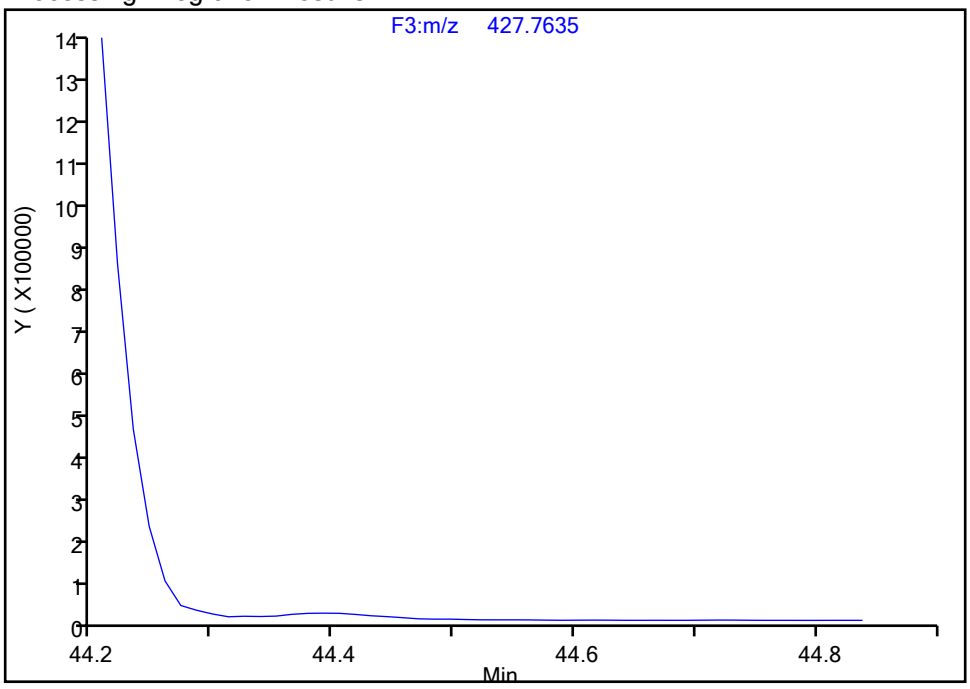
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 1

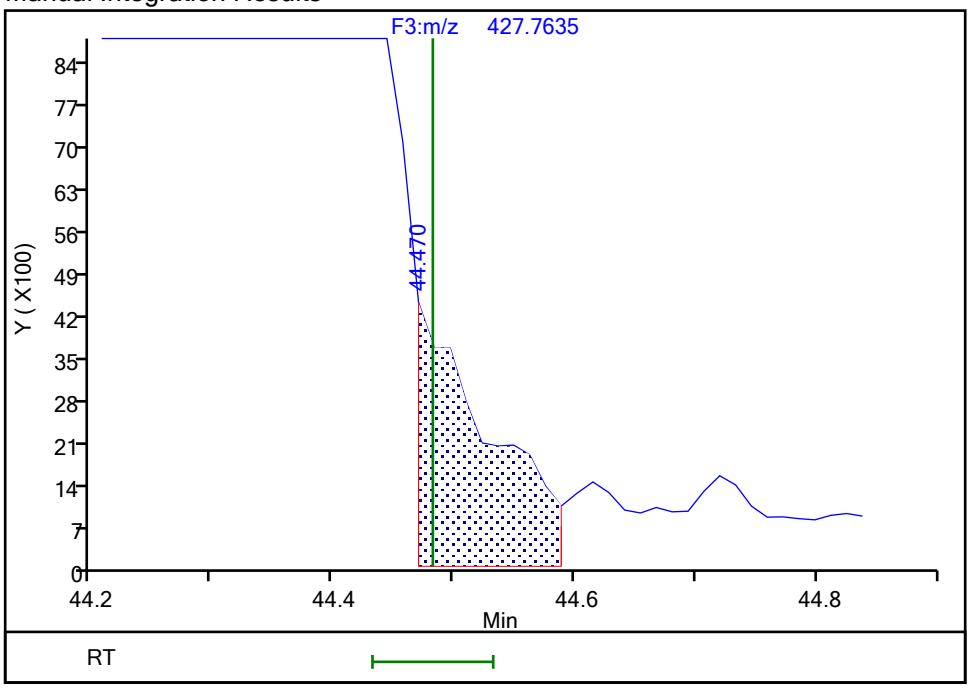
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.47
Area: 17027
Amount: 1.271848
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:07:29 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

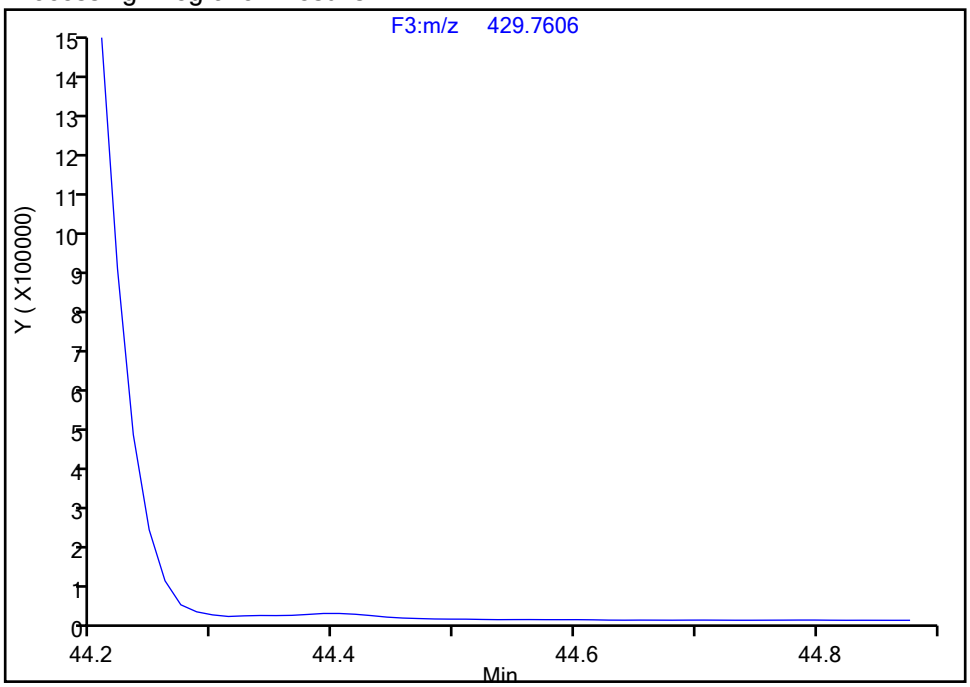
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d
Injection Date: 04-Jan-2024 17:05:00 Instrument ID: D2D
Lims ID: 140-34509-A-5-B Lab Sample ID: 140-34509-5
Client ID: PW-03
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 9
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-200, CAS: 52663-73-7

Signal: 2

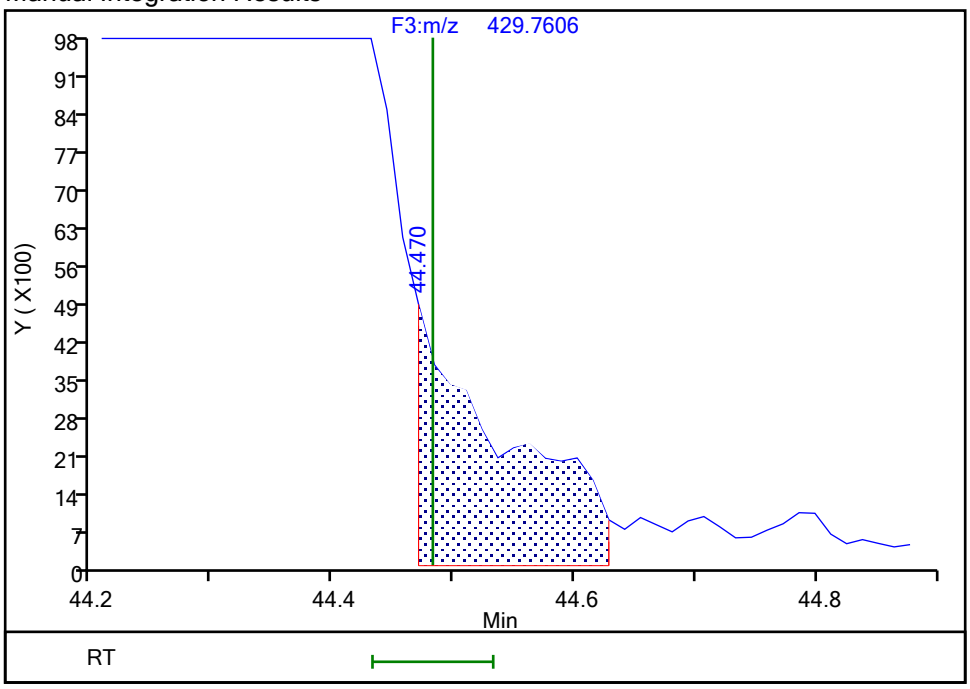
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.47
Area: 23058
Amount: 1.271848
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:07:31 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

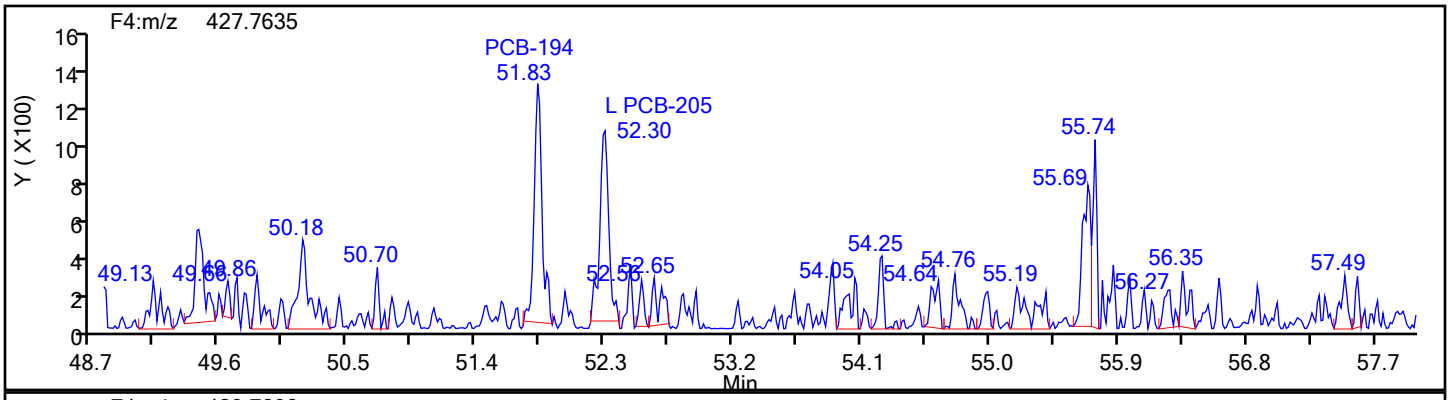
Report Date: 05-Jan-2024 00:10:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

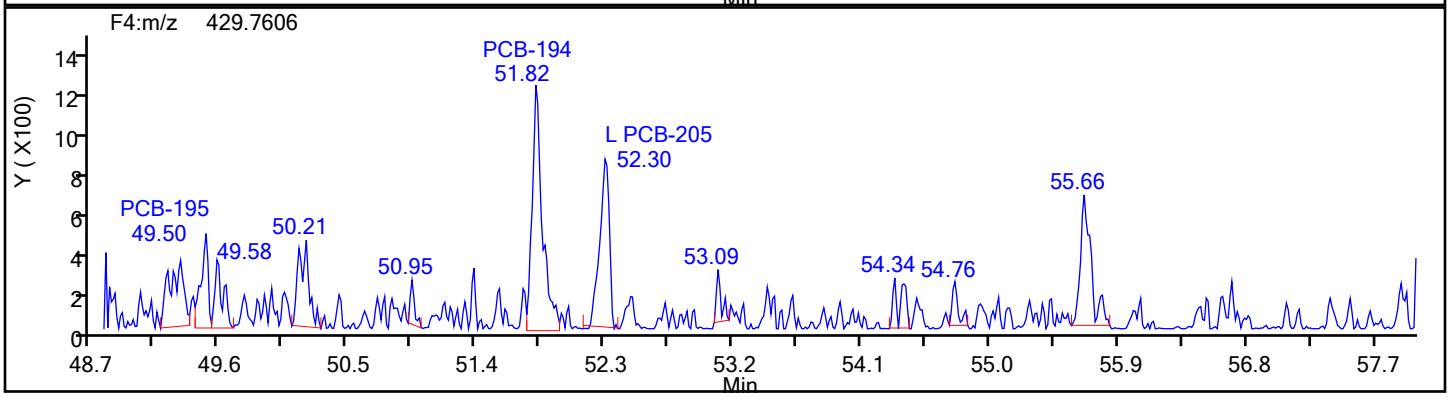
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

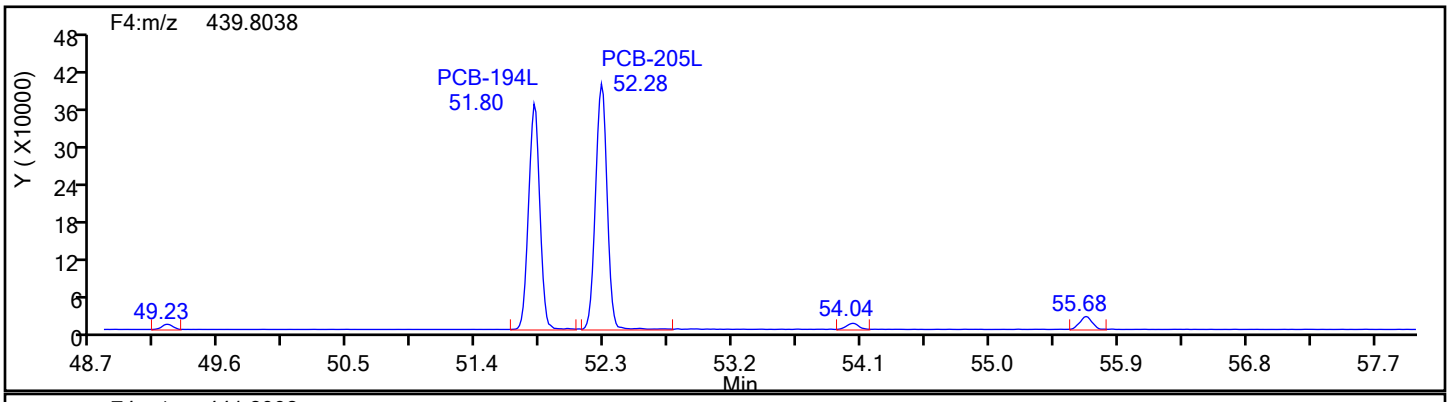
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

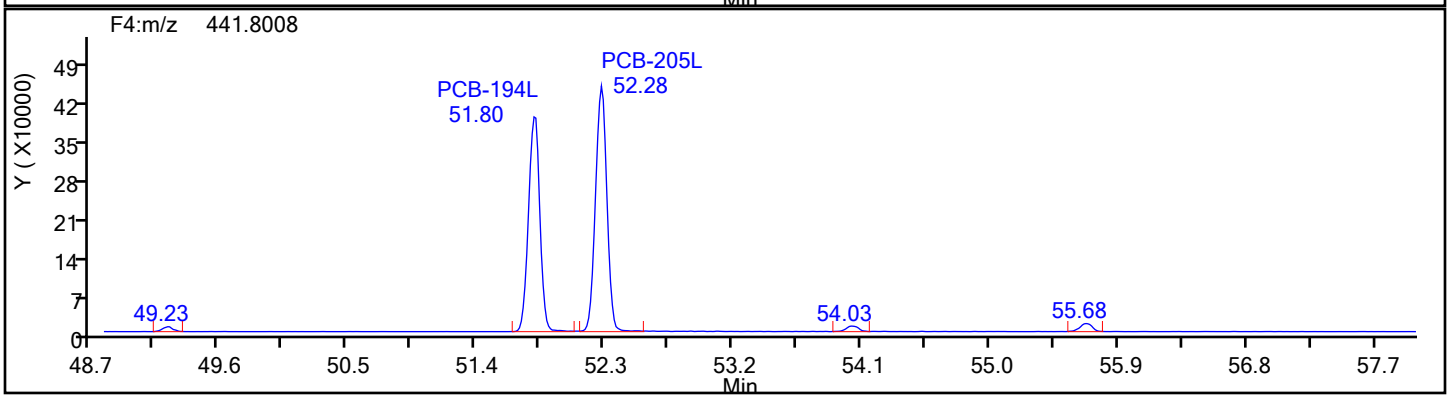
OcPCB F4





OcPCB F4 Standards



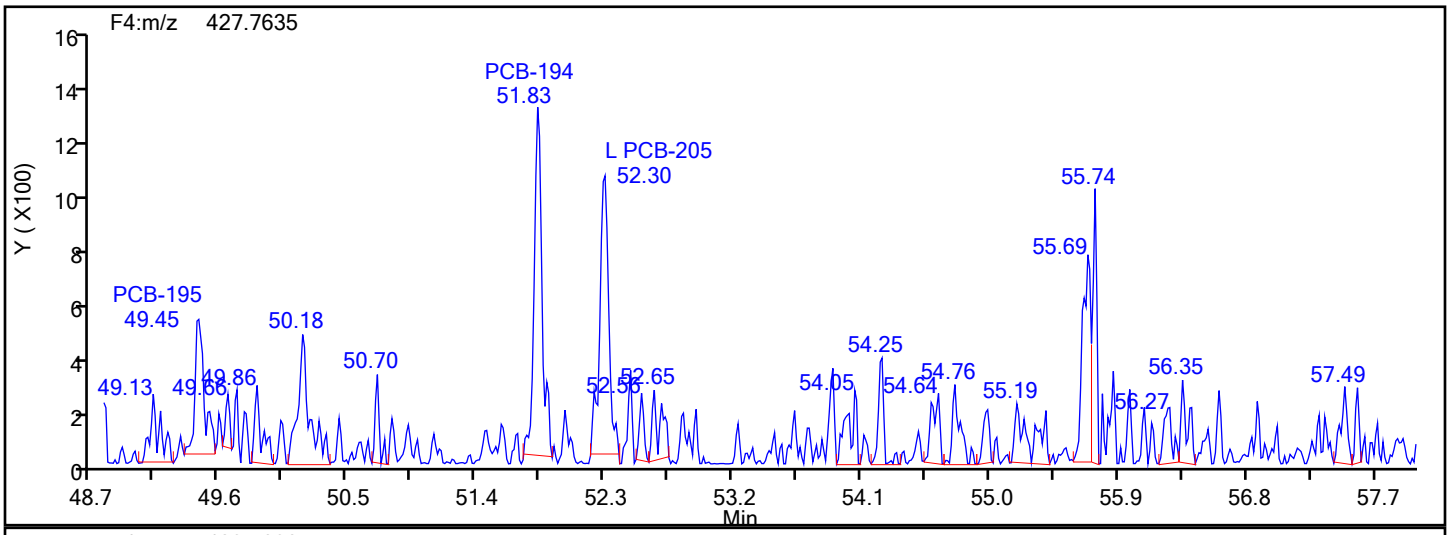


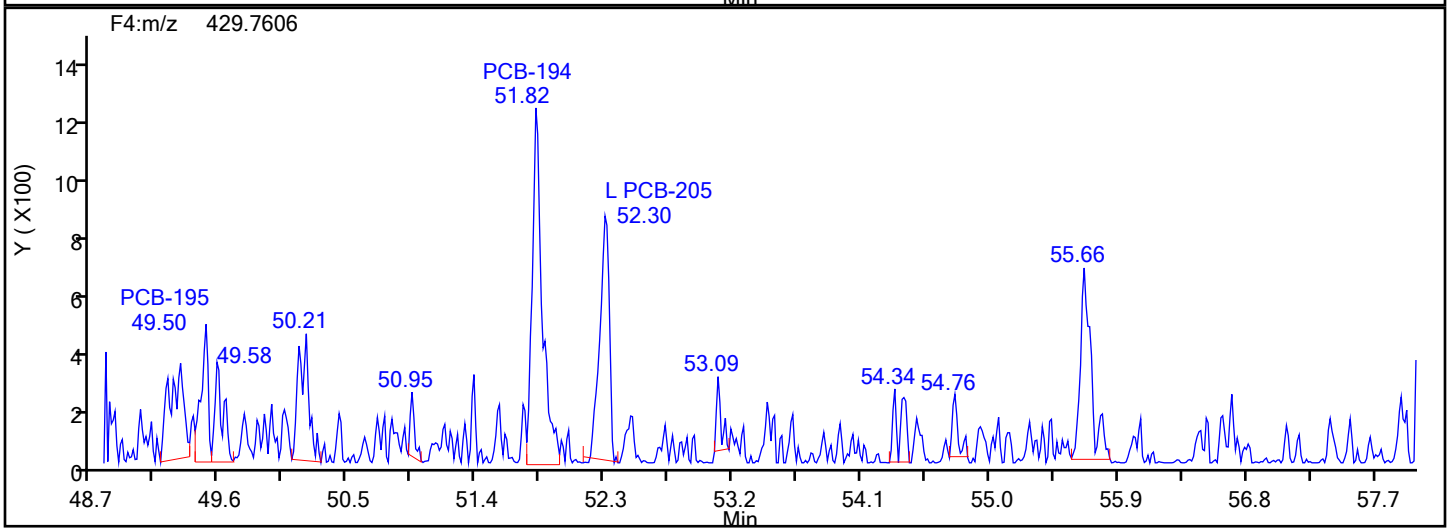
Report Date: 05-Jan-2024 00:10:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

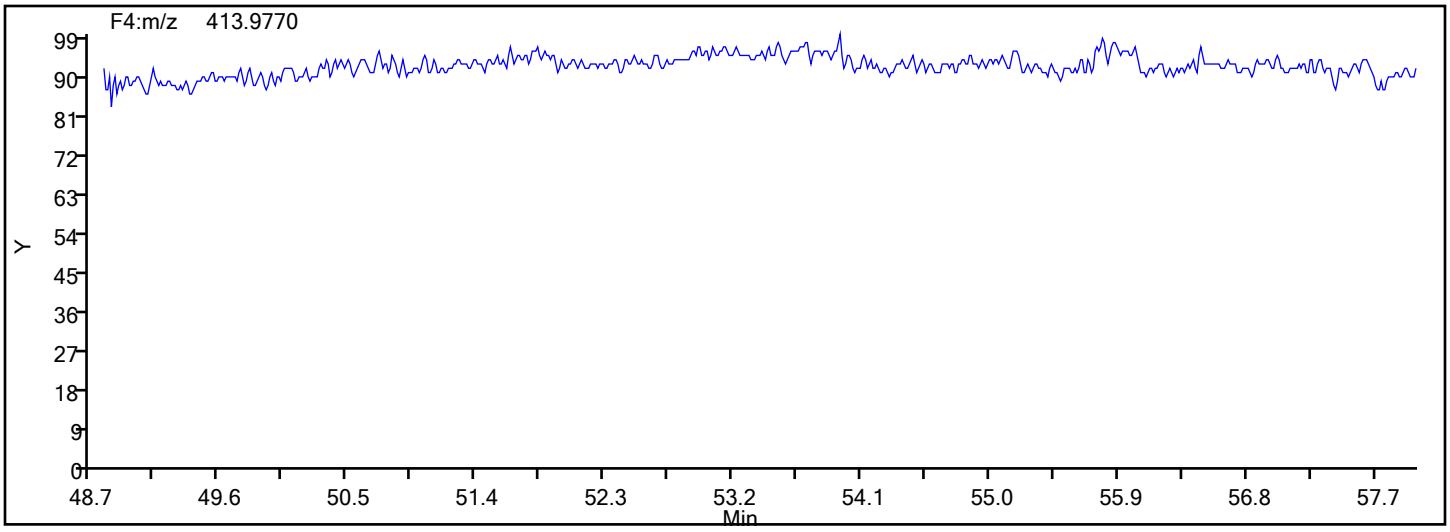
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

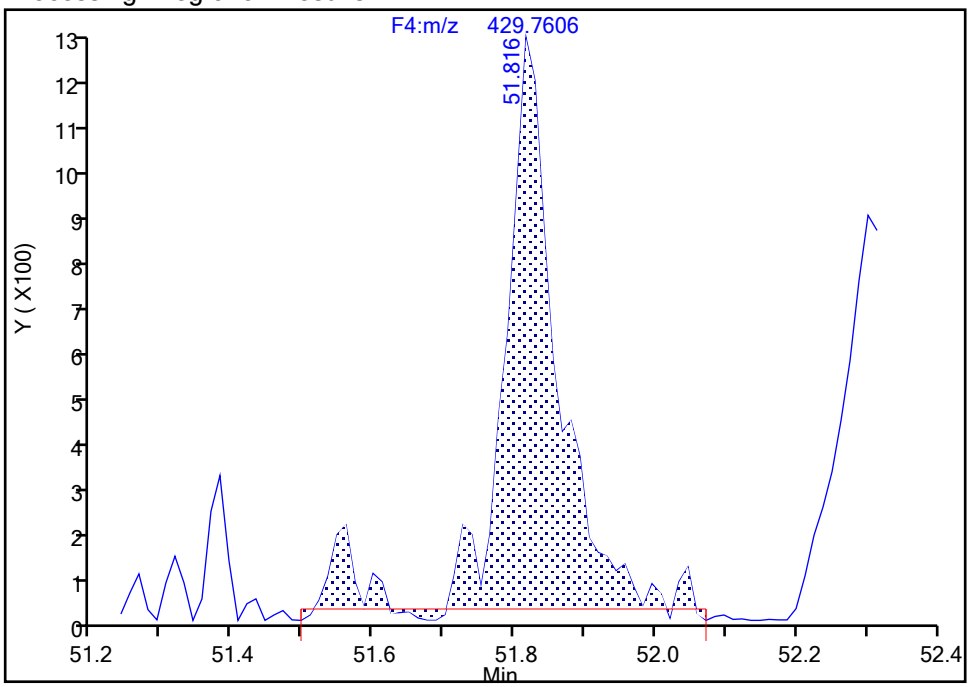
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d				
Injection Date:	04-Jan-2024 17:05:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-5-B	Lab Sample ID:	140-34509-5		
Client ID:	PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	9
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-194, CAS: 35694-08-7

Signal: 2

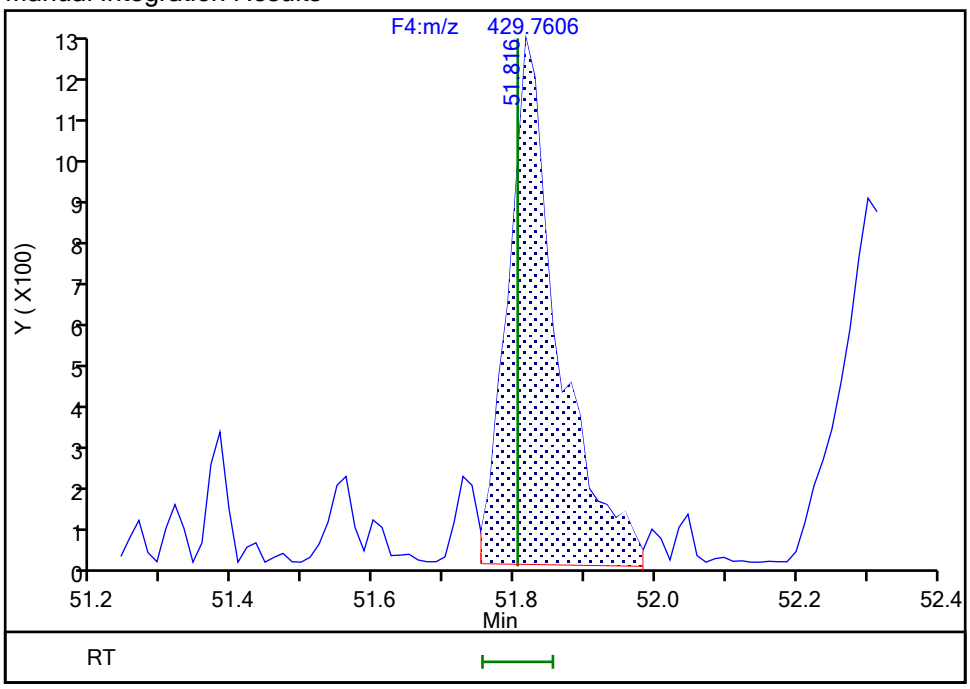
Processing Integration Results

RT: 51.82
Area: 6347
Amount: 0.255756
Amount Units: pg/ul



Manual Integration Results

RT: 51.82
Area: 5901
Amount: 0.245480
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:08:43 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Split Peak

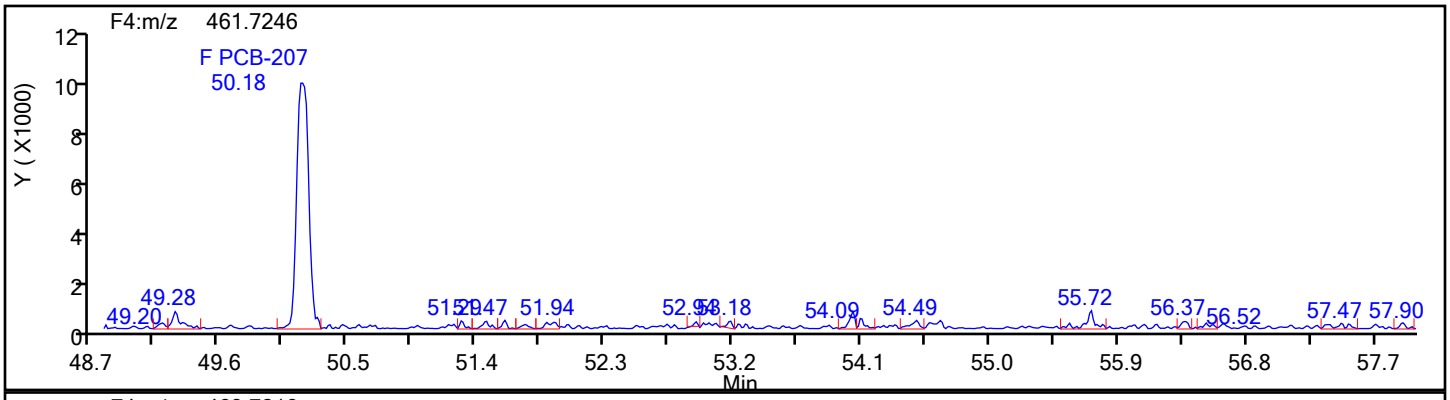
Report Date: 05-Jan-2024 00:10:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

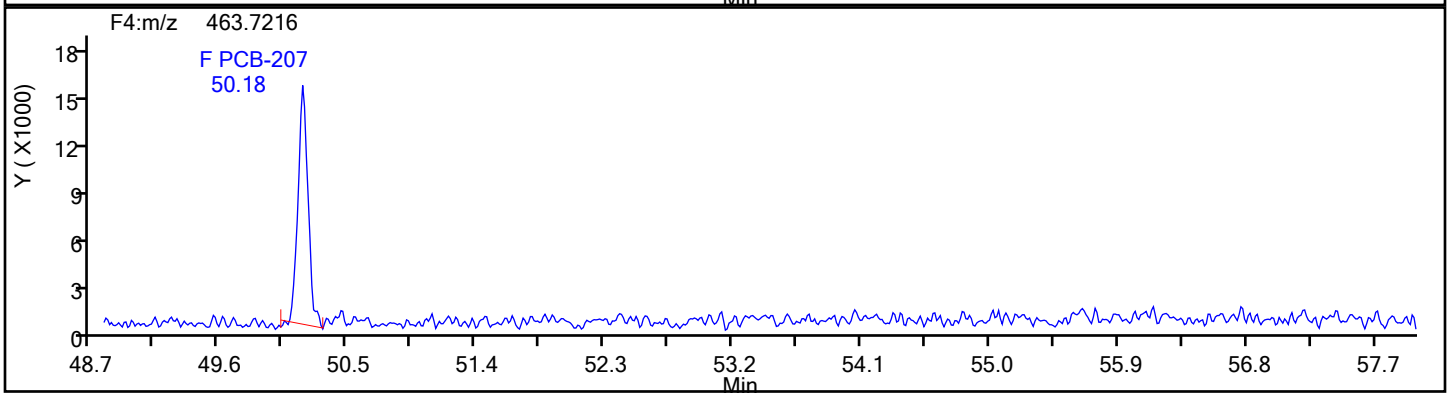
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

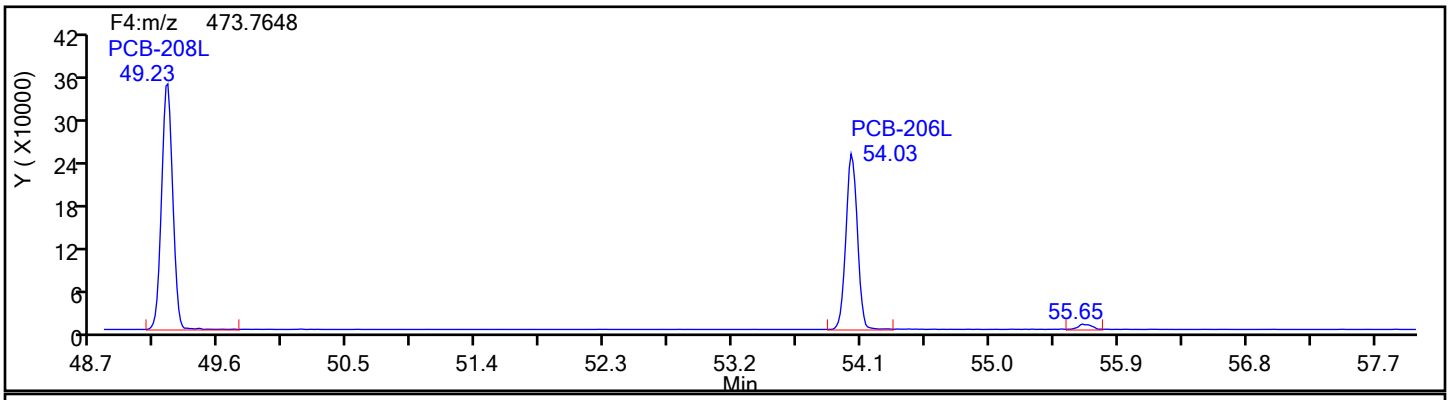
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

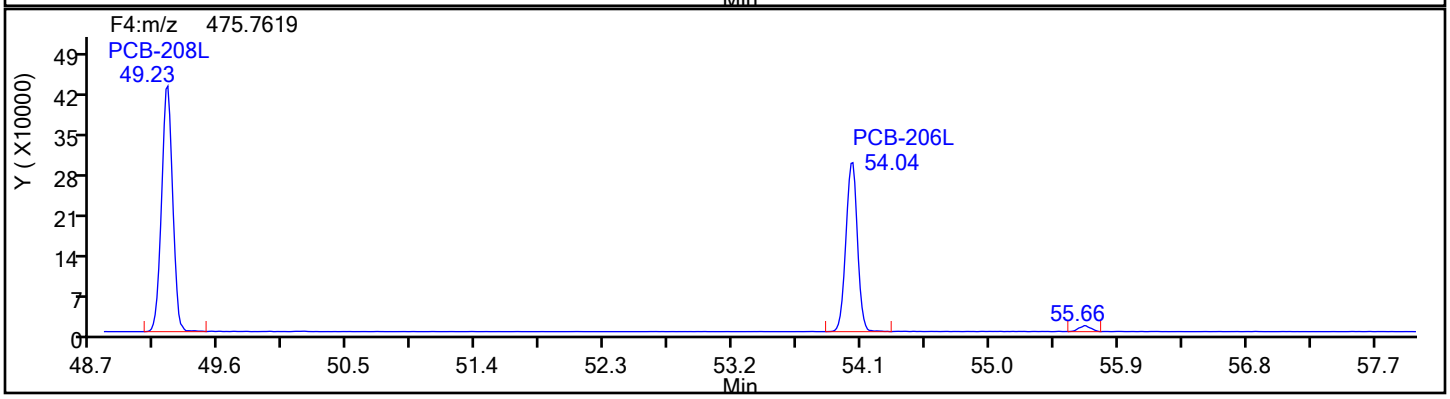
NoPCB F4





NoPCB F4 Standards



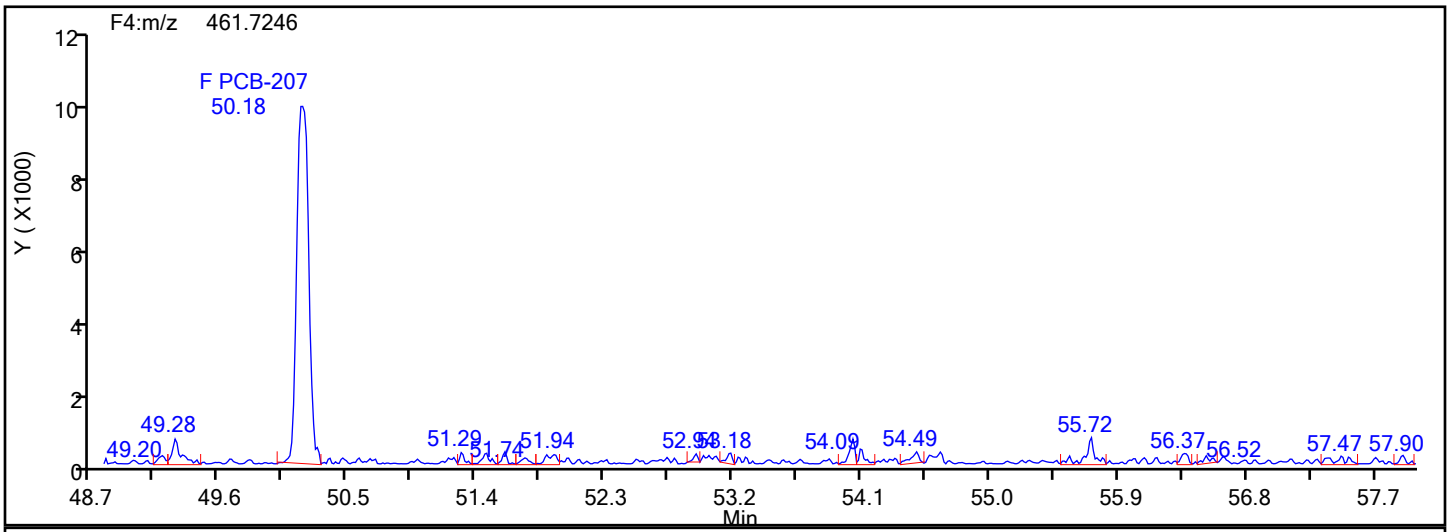


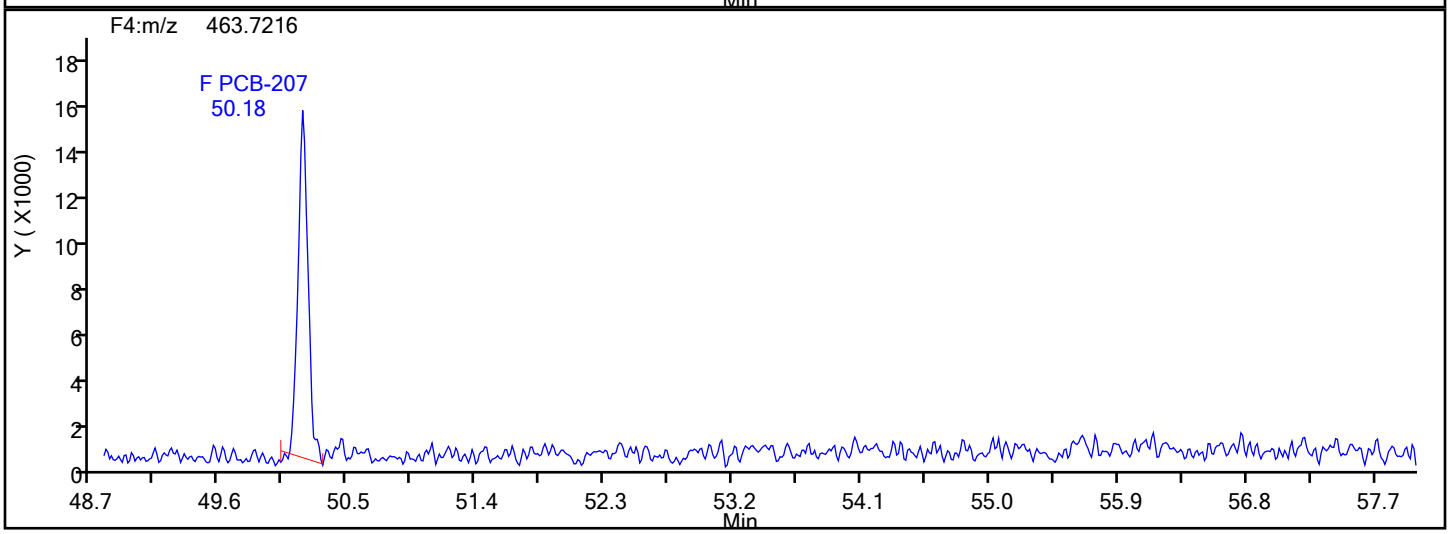
Report Date: 05-Jan-2024 00:10:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

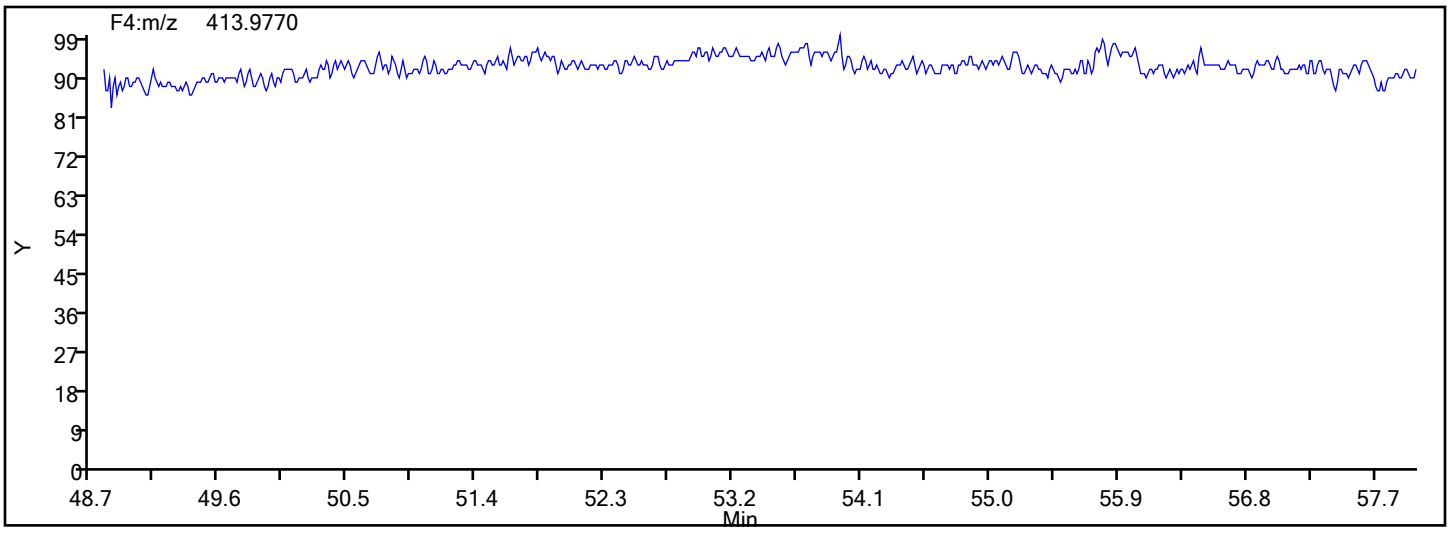
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



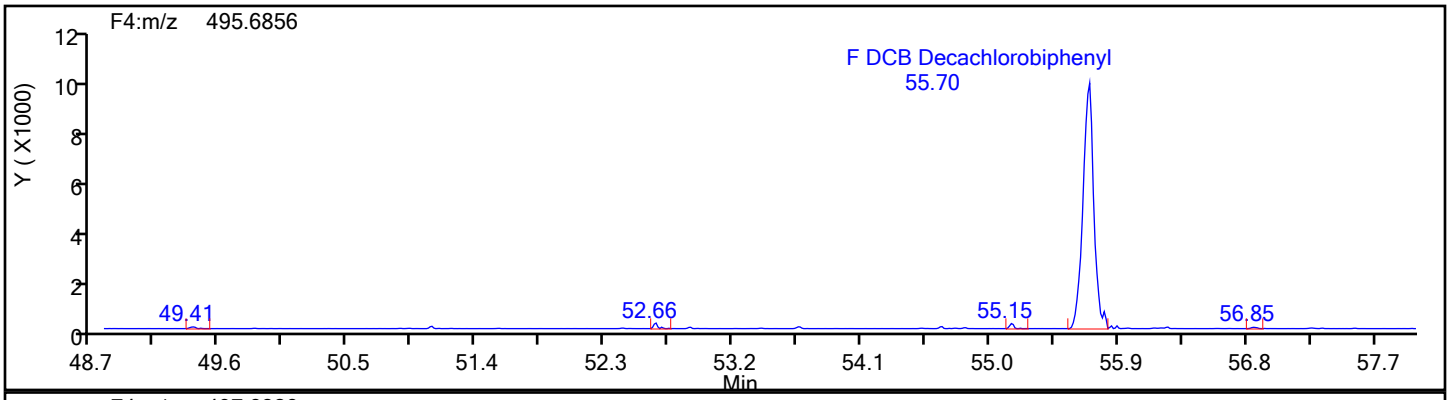
Report Date: 05-Jan-2024 00:10:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

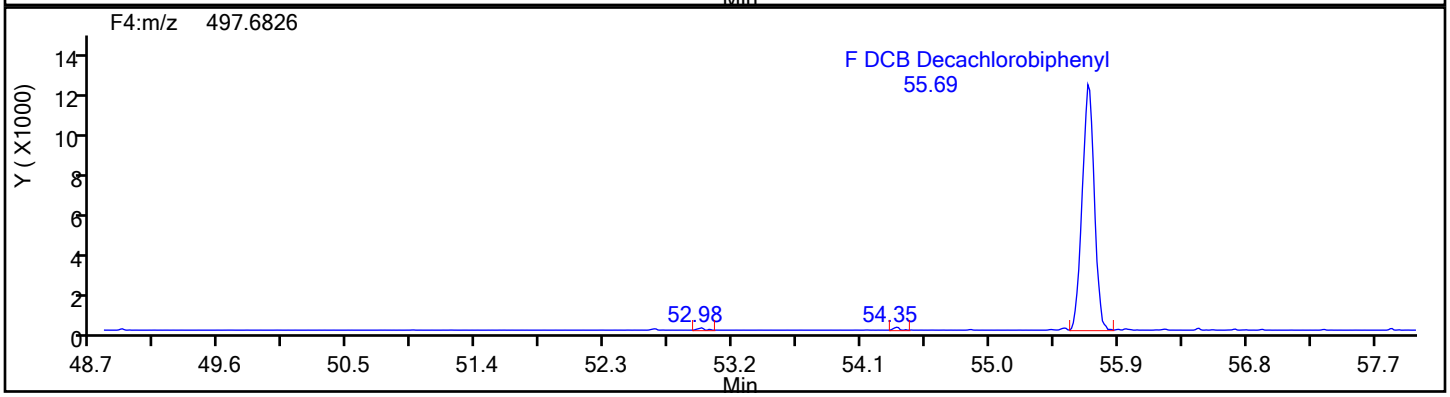
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d

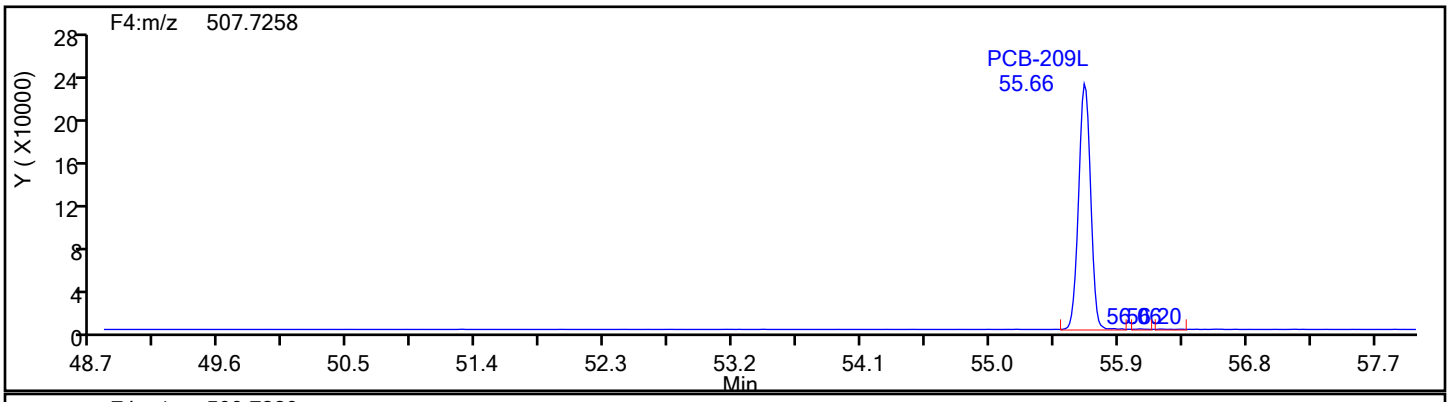
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

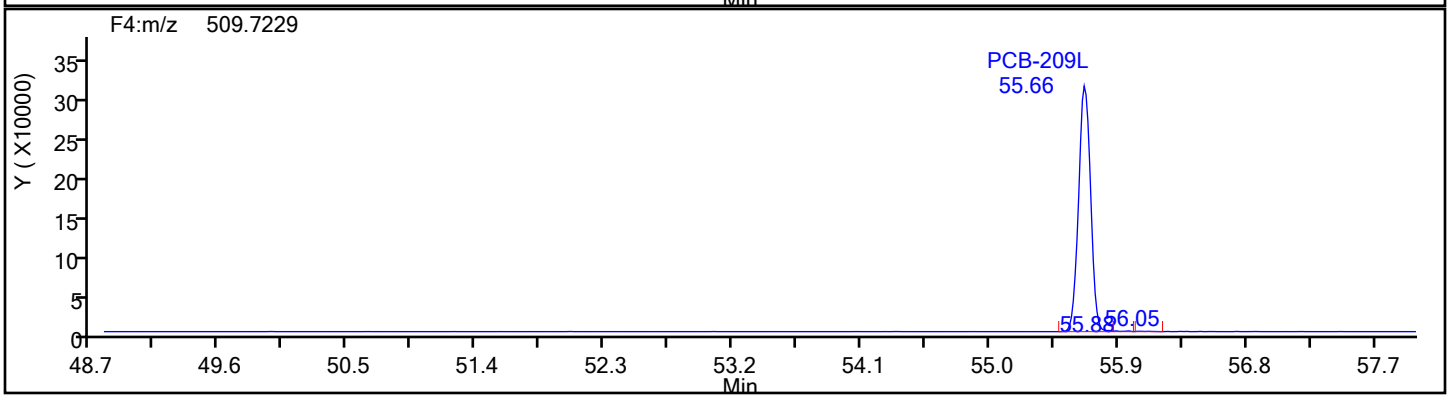
DePCB F4





DePCB F4 Standards



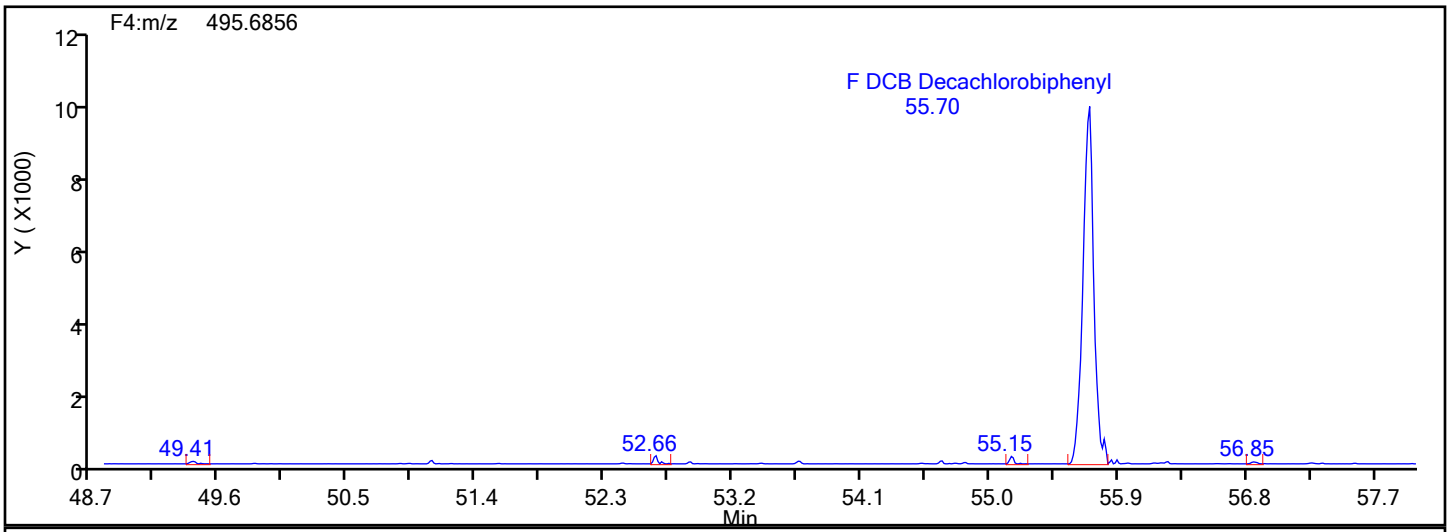


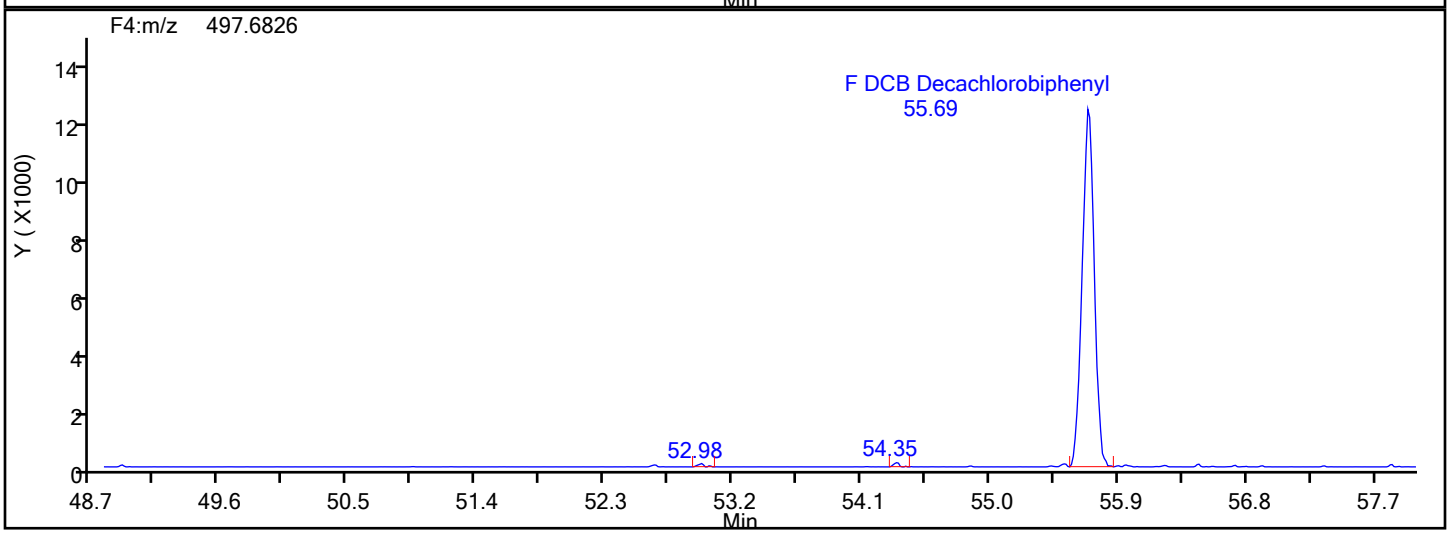
Report Date: 05-Jan-2024 00:10:19 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

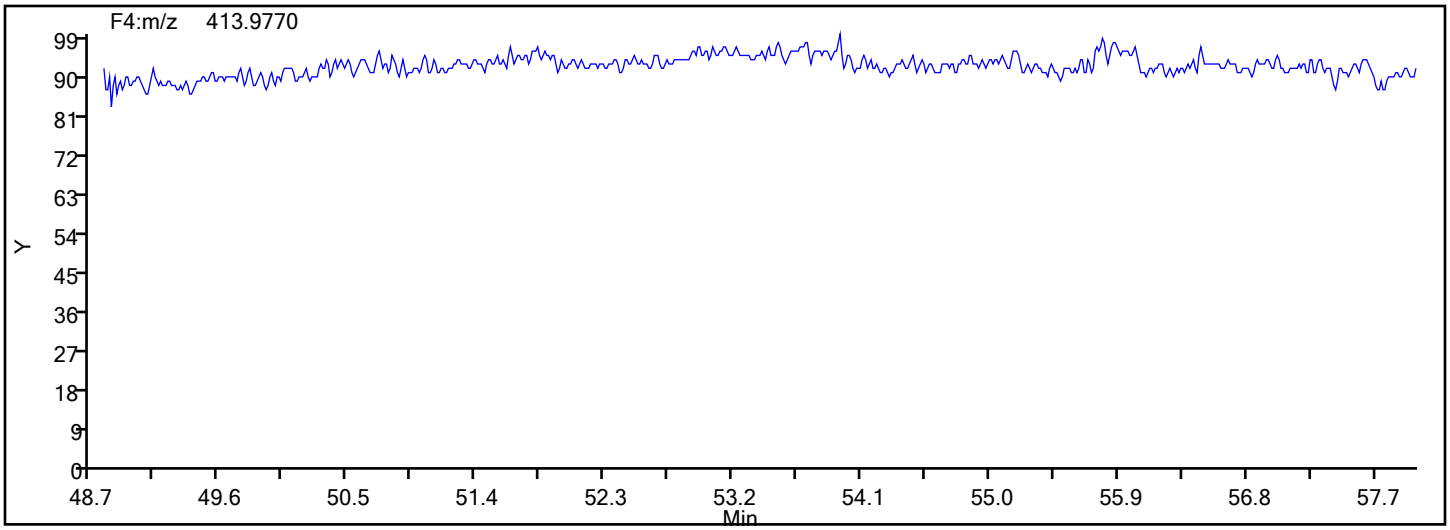
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-5-b.d		
Injection Date:	04-Jan-2024 17:05:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03		
Worklist#:	82009	Sample Line#:	9
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03-DUP | Lab Sample ID: 140-34509-6

Matrix: PE | Lab File ID: 140-34509-a-6-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.047(g) | Date Analyzed: 01/04/2024 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	0.083	J q	2.1	0.043
2051-61-8	PCB-2	0.35	J	2.1	0.047
2051-62-9	PCB-3	ND		2.1	0.057
13029-08-8	PCB-4	3.0	J	4.3	0.14
16605-91-7	PCB-5	ND		2.1	0.14
25569-80-6	PCB-6	ND		2.1	0.11
33284-50-3	PCB-7	ND		2.1	0.13
34883-43-7	PCB-8	0.80	J	4.3	0.11
34883-39-1	PCB-9	ND		2.1	0.12
33146-45-1	PCB-10	0.85	J	2.1	0.15
2050-67-1	PCB-11	2.3	J B	4.3	0.12
2974-92-7	PCB-12	ND	C	4.3	0.13
2974-90-5	PCB-13	ND	C12	4.3	0.13
34883-41-5	PCB-14	1100		2.1	0.13
2050-68-2	PCB-15	1.1	J q	2.1	0.14
38444-78-9	PCB-16	0.39	J q	2.1	0.099
37680-66-3	PCB-17	4.6		2.1	0.098
37680-65-2	PCB-18	1.3	J C	4.3	0.066
38444-73-4	PCB-19	4.3		2.1	0.092
38444-84-7	PCB-20	5.8	C	4.3	0.46
55702-46-0	PCB-21	0.66	J C B	4.3	0.45
38444-85-8	PCB-22	0.81	J	2.1	0.42
55720-44-0	PCB-23	ND		2.1	0.49
55702-45-9	PCB-24	ND		2.1	0.067
55712-37-3	PCB-25	1.0	J q	2.1	0.39
38444-81-4	PCB-26	1.4	J q C	4.3	0.51
38444-76-7	PCB-27	2.5		2.1	0.069
7012-37-5	PCB-28	5.8	C20	4.3	0.46
15862-07-4	PCB-29	1.4	J q C26	4.3	0.51
35693-92-6	PCB-30	1.3	J C18	4.3	0.066
16606-02-3	PCB-31	3.0	J B	4.3	0.41
38444-77-8	PCB-32	1.1	J B	2.1	0.060

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03-DUP | Lab Sample ID: 140-34509-6

Matrix: PE | Lab File ID: 140-34509-a-6-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.047(g) | Date Analyzed: 01/04/2024 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	0.66	J C21 B	4.3	0.45
37680-68-5	PCB-34	ND		2.1	0.50
37680-69-6	PCB-35	ND		2.1	0.45
38444-87-0	PCB-36	300		2.1	0.39
38444-90-5	PCB-37	0.66	J	2.1	0.44
53555-66-1	PCB-38	ND		2.1	0.43
38444-88-1	PCB-39	0.84	J	2.1	0.44
38444-93-8	PCB-40	3.2	J C	6.4	0.030
52663-59-9	PCB-41	3.2	J C40	6.4	0.030
36559-22-5	PCB-42	2.0	J	2.1	0.034
70362-46-8	PCB-43	2.1	J C	4.3	0.026
41464-39-5	PCB-44	47	C	6.4	0.028
70362-45-7	PCB-45	3.4	J C	4.3	0.033
41464-47-5	PCB-46	0.34	J q	2.1	0.039
2437-79-8	PCB-47	47	C44	6.4	0.028
70362-47-9	PCB-48	0.94	J	2.1	0.031
41464-40-8	PCB-49	9.4	C	4.3	0.026
62796-65-0	PCB-50	3.0	J C	4.3	0.030
68194-04-7	PCB-51	3.4	J C45	4.3	0.033
35693-99-3	PCB-52	13	B	2.1	0.027
41464-41-9	PCB-53	3.0	J C50	4.3	0.030
15968-05-5	PCB-54	0.61	J	2.1	0.049
74338-24-2	PCB-55	ND		2.1	0.018
41464-43-1	PCB-56	0.84	J	2.1	0.019
70424-67-8	PCB-57	ND		2.1	0.021
41464-49-7	PCB-58	ND		2.1	0.018
74472-33-6	PCB-59	1.0	J C	6.4	0.023
33025-41-1	PCB-60	0.57	J q	2.1	0.022
33284-53-6	PCB-61	9.1	C B	8.5	0.020
54230-22-7	PCB-62	1.0	J C59	6.4	0.023
74472-34-7	PCB-63	ND		2.1	0.022
52663-58-8	PCB-64	2.7		2.1	0.023

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03-DUP | Lab Sample ID: 140-34509-6

Matrix: PE | Lab File ID: 140-34509-a-6-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.047(g) | Date Analyzed: 01/04/2024 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	47	C44	6.4	0.028
32598-10-0	PCB-66	4.4	B	2.1	0.019
73575-53-8	PCB-67	ND		2.1	0.017
73575-52-7	PCB-68	4.8		2.1	0.021
60233-24-1	PCB-69	9.4	C49	4.3	0.026
32598-11-1	PCB-70	9.1	C61 B	8.5	0.020
41464-46-4	PCB-71	3.2	J C40	6.4	0.030
41464-42-0	PCB-72	ND		2.1	0.020
74338-23-1	PCB-73	2.1	J C43	4.3	0.026
32690-93-0	PCB-74	9.1	C61 B	8.5	0.020
32598-12-2	PCB-75	1.0	J C59	6.4	0.023
70362-48-0	PCB-76	9.1	C61 B	8.5	0.020
32598-13-3	PCB-77	ND		2.1	0.022
70362-49-1	PCB-78	700		2.1	0.019
41464-48-6	PCB-79	ND		2.1	0.016
33284-52-5	PCB-80	ND		2.1	0.018
70362-50-4	PCB-81	2.9		2.1	0.023
52663-62-4	PCB-82	ND		2.1	0.13
60145-20-2	PCB-83	13	C	4.3	0.12
52663-60-2	PCB-84	3.8		2.1	0.16
65510-45-4	PCB-85	3.7	J C B	6.4	0.11
55312-69-1	PCB-86	12	J C	13	0.11
38380-02-8	PCB-87	12	J C86	13	0.11
55215-17-3	PCB-88	2.9	J q C	4.3	0.14
73575-57-2	PCB-89	ND		2.1	0.13
68194-07-0	PCB-90	22	C B	6.4	0.11
68194-05-8	PCB-91	2.9	J q C88	4.3	0.14
52663-61-3	PCB-92	8.1		2.1	0.14
73575-56-1	PCB-93	3.1	J C	4.3	0.14
73575-55-0	PCB-94	ND		2.1	0.16
38379-99-6	PCB-95	13		2.1	0.14
73575-54-9	PCB-96	2.7		2.1	0.095

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03-DUP | Lab Sample ID: 140-34509-6

Matrix: PE | Lab File ID: 140-34509-a-6-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.047(g) | Date Analyzed: 01/04/2024 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41464-51-1	PCB-97	12	J C86	13	0.11
60233-25-2	PCB-98	ND	C	4.3	0.12
38380-01-7	PCB-99	13	C83	4.3	0.12
39485-83-1	PCB-100	3.1	J C93	4.3	0.14
37680-73-2	PCB-101	22	C90 B	6.4	0.11
68194-06-9	PCB-102	ND	C98	4.3	0.12
60145-21-3	PCB-103	ND		2.1	0.13
56558-16-8	PCB-104	1500		2.1	0.11
32598-14-4	PCB-105	4.9		2.1	0.19
70424-69-0	PCB-106	14		2.1	0.17
70424-68-9	PCB-107	1.2	J	2.1	0.17
70362-41-3	PCB-108	0.60	J C	4.3	0.19
74472-35-8	PCB-109	12	J C86	13	0.11
38380-03-9	PCB-110	18	C B	4.3	0.080
39635-32-0	PCB-111	ND		2.1	0.089
74472-36-9	PCB-112	ND		2.1	0.077
68194-10-5	PCB-113	22	C90 B	6.4	0.11
74472-37-0	PCB-114	ND		2.1	0.18
74472-38-1	PCB-115	18	C110 B	4.3	0.080
18259-05-7	PCB-116	3.7	J C85 B	6.4	0.11
68194-11-6	PCB-117	3.7	J C85 B	6.4	0.11
31508-00-6	PCB-118	16		2.1	0.19
56558-17-9	PCB-119	12	J C86	13	0.11
68194-12-7	PCB-120	ND		2.1	0.072
56558-18-0	PCB-121	460		2.1	0.085
76842-07-4	PCB-122	ND		2.1	0.22
65510-44-3	PCB-123	ND		2.1	0.20
70424-70-3	PCB-124	0.60	J C108	4.3	0.19
74472-39-2	PCB-125	12	J C86	13	0.11
57465-28-8	PCB-126	ND		2.1	0.17

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03-DUP | Lab Sample ID: 140-34509-6

Matrix: PE | Lab File ID: 140-34509-a-6-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.047(g) | Date Analyzed: 01/04/2024 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
39635-33-1	PCB-127	ND		2.1	0.17
38380-07-3	PCB-128	2.8	J C	4.3	0.12
55215-18-4	PCB-129	16	C	8.5	0.13
52663-66-8	PCB-130	1.4	J	2.1	0.17
61798-70-7	PCB-131	ND		2.1	0.16
38380-05-1	PCB-132	5.9		2.1	0.16
35694-04-3	PCB-133	ND		2.1	0.14
52704-70-8	PCB-134	1.1	J C	4.3	0.16
52744-13-5	PCB-135	3.9	J C	4.3	0.056
38411-22-2	PCB-136	1.6	J q	2.1	0.043
35694-06-5	PCB-137	1.1	J	2.1	0.15
35065-28-2	PCB-138	16	C129	8.5	0.13
56030-56-9	PCB-139	ND	C	4.3	0.13
59291-64-4	PCB-140	ND	C139	4.3	0.13
52712-04-6	PCB-141	1.9	J q	2.1	0.15
41411-61-4	PCB-142	360		2.1	0.16
68194-15-0	PCB-143	1.1	J C134	4.3	0.16
68194-14-9	PCB-144	ND		2.1	0.057
74472-40-5	PCB-145	ND		2.1	0.039
51908-16-8	PCB-146	1.7	J	2.1	0.12
68194-13-8	PCB-147	9.2	C	4.3	0.13
74472-41-6	PCB-148	ND		2.1	0.057
38380-04-0	PCB-149	9.2	C147	4.3	0.13
68194-08-1	PCB-150	0.61	J q	2.1	0.042
52663-63-5	PCB-151	3.9	J C135	4.3	0.056
68194-09-2	PCB-152	1.4	J	2.1	0.037
35065-27-1	PCB-153	10	C	4.3	0.11
60145-22-4	PCB-154	1.5	J	2.1	0.051
33979-03-2	PCB-155	540		2.1	0.045
38380-08-4	PCB-156	1.8	J C	4.3	0.12
69782-90-7	PCB-157	1.8	J C156	4.3	0.12

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03-DUP | Lab Sample ID: 140-34509-6

Matrix: PE | Lab File ID: 140-34509-a-6-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.047(g) | Date Analyzed: 01/04/2024 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74472-42-7	PCB-158	1.6	J	2.1	0.098
39635-35-3	PCB-159	2.2		2.1	0.085
41411-62-5	PCB-160	16	C129	8.5	0.13
74472-43-8	PCB-161	15		2.1	0.097
39635-34-2	PCB-162	ND		2.1	0.10
74472-44-9	PCB-163	16	C129	8.5	0.13
74472-45-0	PCB-164	0.90	J	2.1	0.099
74472-46-1	PCB-165	3.0		2.1	0.12
41411-63-6	PCB-166	2.8	J C128	4.3	0.12
52663-72-6	PCB-167	0.58	J	2.1	0.084
59291-65-5	PCB-168	10	C153	4.3	0.11
32774-16-6	PCB-169	ND		2.1	0.080
35065-30-6	PCB-170	ND		2.1	0.093
52663-71-5	PCB-171	ND	C	4.3	0.085
52663-74-8	PCB-172	ND		2.1	0.082
68194-16-1	PCB-173	ND	C171	4.3	0.085
38411-25-5	PCB-174	ND		2.1	0.076
40186-70-7	PCB-175	ND		2.1	0.084
52663-65-7	PCB-176	ND		2.1	0.063
52663-70-4	PCB-177	ND		2.1	0.079
52663-67-9	PCB-178	ND		2.1	0.086
52663-64-6	PCB-179	ND		2.1	0.054
35065-29-3	PCB-180	6.2	q C	4.3	0.065
74472-47-2	PCB-181	ND		2.1	0.072
60145-23-5	PCB-182	ND		2.1	0.069
52663-69-1	PCB-183	ND	C	4.3	0.078
74472-48-3	PCB-184	780		2.1	0.058
52712-05-7	PCB-185	ND	C183	4.3	0.078
74472-49-4	PCB-186	ND		2.1	0.052
52663-68-0	PCB-187	ND		2.1	0.066
74487-85-7	PCB-188	ND		2.1	0.058
39635-31-9	PCB-189	ND		2.1	0.13

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03-DUP | Lab Sample ID: 140-34509-6

Matrix: PE | Lab File ID: 140-34509-a-6-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.047(g) | Date Analyzed: 01/04/2024 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41411-64-7	PCB-190	ND		2.1	0.058
74472-50-7	PCB-191	ND		2.1	0.060
74472-51-8	PCB-192	2200	B	2.1	0.054
69782-91-8	PCB-193	6.2	q C180	4.3	0.065
35694-08-7	PCB-194	0.11	J q	2.1	0.057
52663-78-2	PCB-195	ND		2.1	0.063
42740-50-1	PCB-196	ND		2.1	0.060
33091-17-7	PCB-197	14		2.1	0.045
68194-17-2	PCB-198	ND	C	4.3	0.053
52663-75-9	PCB-199	ND	C198	4.3	0.053
52663-73-7	PCB-200	ND		2.1	0.049
40186-71-8	PCB-201	ND		2.1	0.049
2136-99-4	PCB-202	ND		2.1	0.047
52663-76-0	PCB-203	ND		2.1	0.048
74472-52-9	PCB-204	1400		2.1	0.042
74472-53-0	PCB-205	0.25	J q	2.1	0.047
40186-72-9	PCB-206	ND		2.1	0.19
52663-79-3	PCB-207	4.9		2.1	0.16
52663-77-1	PCB-208	ND		2.1	0.17
2051-24-3	PCB-209	6.7		2.1	0.034

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: PW-03-DUP | Lab Sample ID: 140-34509-6

Matrix: PE | Lab File ID: 140-34509-a-6-b.d

Analysis Method: 1668A | Date Collected: 11/21/2023 09:19

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.047(g) | Date Analyzed: 01/04/2024 18:06

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	90		30-140
208263-77-8	PCB-3L	83		30-140
234432-86-1	PCB-4L	95		30-140
208263-67-6	PCB-15L	85		30-140
234432-87-2	PCB-19L	92		30-140
208263-79-0	PCB-37L	88		30-140
234432-88-3	PCB-54L	98		30-140
105600-23-5	PCB-77L	87		30-140
208461-24-9	PCB-81L	87		30-140
234432-89-4	PCB-104L	98		30-140
208263-62-1	PCB-105L	98		30-140
208263-63-2	PCB-114L	99		30-140
104130-40-7	PCB-118L	101		30-140
208263-64-3	PCB-123L	99		30-140
208263-65-4	PCB-126L	103		30-140
234432-90-7	PCB-155L	97		30-140
208263-68-7	PCB-156L	96	C	30-140
235416-30-5	PCB-157L	96	C156	30-140
208263-69-8	PCB-167L	98		30-140
208263-70-1	PCB-169L	95		30-140
160901-80-4	PCB-170L	94		30-140
234432-91-8	PCB-188L	102		30-140
208263-73-4	PCB-189L	85		30-140
105600-26-8	PCB-202L	98		30-140
234446-64-1	PCB-205L	97		30-140
208263-75-6	PCB-206L	108		30-140
234432-92-9	PCB-208L	105		30-140
105600-27-9	PCB-209L	112		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d
Lims ID: 140-34509-A-6-B
Client ID: PW-03-DUP
Sample Type: Client
Inject. Date: 04-Jan-2024 18:06:00 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-010
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 00:45:48 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 00:45:48

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					0.2133	0.2045	0.0230	0.0230		RQ
D PCB-1L	11:39	6977289	3.22	1.3572	90.3	90.3	0.2554	0.2554	90.29	
D PCB-3L	13:49	6711481	3.20	1.4136	83.4	83.4	0.2452	0.2452	83.39	
PCB-1	11:40	3315	3.13	1.2253	0.0475	0.0388	0.0200	0.0200		RQM
PCB-2	13:40	14338	2.72	1.2638	0.1658	0.1658	0.0222	0.0222		
PCB-3	13:52						0.0266	0.0266		
S Total Dichlorobiphenyls					528.3	528.2	0.0606	0.0606		RQ
D PCB-4L	14:04	3330084	1.59	0.6168	94.8	94.8	0.0783	0.0783	94.82	
* PCB-9L	16:01	5693603	1.61	2E+05	100.0	100.0				
D PCB-15L	19:57	5439975	1.68	1.1198	85.3	85.3	0.0431	0.0431	85.33	
PCB-4	14:04	59981	1.68	1.2801	1.407	1.407	0.0637	0.0637		
PCB-10	14:15	20248	1.59	1.1542	0.4001	0.4001	0.0683	0.0683		M
PCB-9	16:05						0.0578	0.0578		
PCB-7	16:15						0.0632	0.0632		
PCB-6	16:30						0.0527	0.0527		
PCB-5	16:48						0.0646	0.0646		
PCB-8	16:52	24999	1.63	1.5207	0.3749	0.3749	0.0519	0.0519		M
PCB-14	18:30	29582663	1.59	1.2864	524.4	524.4	0.0613	0.0613		
PCB-11	19:22	68727	1.66	1.4418	1.087	1.087	0.0547	0.0547		M
PCB-12	19:43						0.0609	0.0609		
PCB-13 (C12)	19:43						0.0609	0.0609		
PCB-15	19:59	32628	1.56	1.1378	0.6204	0.5272	0.0671	0.0671		RQM
S Total Trichlorobiphenyls					153.0	152.8	0.1487	0.1487		RQ
D PCB-19L	17:10	2163998	1.06	0.6075	92.4	92.4	0.8448	0.8448	92.43	
* PCB-32L	20:25	3853625	1.06	1.4E+05	100.0	100.0				
* PCB-31L	22:41	8246215	1.03	3.1E+05	100.0	100.0				
$ PCB-28L	23:01						0.1285	0.1285		
D PCB-37L	26:59	6504623	1.04	0.8960	88.0	88.0	0.1417	0.1417	88.04	
PCB-19	17:10	56562	1.10	1.2904	2.025	2.025	0.0432	0.0432		M
PCB-18	19:02	24617	0.99	1.8076	0.6293	0.6293	0.0309	0.0309		
PCB-30 (C18)	19:02	24617	0.99	1.8076	0.6293	0.6293	0.0309	0.0309		
PCB-17	19:28	57321	0.96	1.2151	2.180	2.180	0.0459	0.0459		
PCB-27	19:40	42993	1.11	1.7146	1.159	1.159	0.0325	0.0325		
PCB-24	19:51						0.0314	0.0314		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:54	4817	1.04	1.2003	0.2223	0.1854	0.0465	0.0465		RQM
PCB-32	20:26	23000	0.96	1.9703	0.5394	0.5394	0.0283	0.0283		
PCB-34	21:44						0.2362	0.2362		
PCB-23	21:53						0.2308	0.2308		
PCB-26	22:10	42789	1.04	1.0037	0.7210	0.6554	0.2375	0.2375		RQM
PCB-29 (C26)	22:10	42789	1.04	1.0037	0.7210	0.6554	0.2375	0.2375		RQM
PCB-25	22:23	40217	1.04	1.2995	0.5732	0.4758	0.1834	0.1834		RQM
PCB-31	22:43	114703	0.91	1.2369	1.426	1.426	0.1927	0.1927		
PCB-20	23:00	197097	0.97	1.1096	2.731	2.731	0.2148	0.2148		
PCB-28 (C20)	23:00	197097	0.97	1.1096	2.731	2.731	0.2148	0.2148		
PCB-21	23:14	22859	0.97	1.1245	0.3125	0.3125	0.2120	0.2120		
PCB-33 (C21)	23:14	22859	0.97	1.1245	0.3125	0.3125	0.2120	0.2120		
PCB-22	23:38	29673	0.96	1.2027	0.3793	0.3793	0.1982	0.1982		Ma
PCB-36	25:12	11748504	0.96	1.2953	139.4	139.4	0.1840	0.1840		M
PCB-39	25:37	29782	1.15	1.1621	0.3940	0.3940	0.2051	0.2051		M
PCB-38	26:10						0.2027	0.2027		
PCB-35	26:39						0.2107	0.2107		
PCB-37	27:00	22942	0.99	1.1448	0.3081	0.3081	0.2082	0.2082		M
S Total Tetrachlorobiphenyls					381.4	381.3	0.0116	0.0116		RQ
D PCB-54L	20:14	2548334	0.81	0.6773	97.6	97.6	0.0345	0.0345	97.64	
* PCB-52L	24:49	5154705	0.79	1.6E+05	100.0	100.0				
D PCB-81L	33:45	6063397	0.79	1.3497	87.2	87.2	0.0974	0.0974	87.15	
D PCB-77L	34:18	6374222	0.81	1.4256	86.7	86.7	0.0922	0.0922	86.74	
PCB-54	20:16	8810	0.67	1.2064	0.2866	0.2866	0.0230	0.0230		
PCB-50	22:27	67622	0.73	0.7674	1.417	1.417	0.0142	0.0142		
PCB-53 (C50)	22:27	67622	0.73	0.7674	1.417	1.417	0.0142	0.0142		
PCB-45	23:10	69102	0.66	0.7052	1.576	1.576	0.0155	0.0155		
PCB-51 (C45)	23:10	69102	0.66	0.7052	1.576	1.576	0.0155	0.0155		
PCB-46	23:24	5855	0.77	0.5909	0.1956	0.1593	0.0185	0.0185		RQM
PCB-52	24:50	314017	0.75	0.8488	5.949	5.949	0.0129	0.0129		
PCB-43	24:58	55863	0.79	0.8936	1.005	1.005	0.0122	0.0122		
PCB-73 (C43)	24:58	55863	0.79	0.8936	1.005	1.005	0.0122	0.0122		
PCB-49	25:18	245545	0.79	0.8934	4.419	4.419	0.0122	0.0122		
PCB-69 (C49)	25:18	245545	0.79	0.8934	4.419	4.419	0.0122	0.0122		
PCB-48	25:36	20590	0.79	0.7506	0.4411	0.4411	0.0145	0.0145		M
PCB-44	25:47	1157231	0.77	0.8388	22.2	22.2	0.0130	0.0130		M
PCB-47 (C44)	25:47	1157231	0.77	0.8388	22.2	22.2	0.0130	0.0130		M
PCB-65 (C44)	25:47	1157231	0.77	0.8388	22.2	22.2	0.0130	0.0130		M
PCB-59	26:09	30582	0.72	1.0042	0.4897	0.4897	0.0109	0.0109		
PCB-62 (C59)	26:09	30582	0.72	1.0042	0.4897	0.4897	0.0109	0.0109		
PCB-75 (C59)	26:09	30582	0.72	1.0042	0.4897	0.4897	0.0109	0.0109		
PCB-42	26:21	40209	0.75	0.6874	0.9406	0.9406	0.0159	0.0159		M
PCB-40	26:52	71642	0.77	0.7618	1.512	1.512	0.0143	0.0143		
PCB-41 (C40)	26:52	71642	0.77	0.7618	1.512	1.512	0.0143	0.0143		
PCB-71 (C40)	26:52	71642	0.77	0.7618	1.512	1.512	0.0143	0.0143		
PCB-64	27:03	80152	0.78	1.0318	1.249	1.249	0.0106	0.0106		
PCB-72	27:56						0.009391	0.009391		
PCB-68	28:12	158376	0.77	1.1249	2.264	2.264	0.009702	0.009702		
PCB-57	28:38						0.009826	0.009826		
PCB-58	28:53						0.008495	0.008495		
PCB-67	29:03						0.008222	0.008222		
PCB-63	29:19						0.0102	0.0102		
PCB-61	29:37	306811	0.79	1.1549	4.272	4.272	0.009450	0.009450		
PCB-70 (C61)	29:37	306811	0.79	1.1549	4.272	4.272	0.009450	0.009450		
PCB-74 (C61)	29:37	306811	0.79	1.1549	4.272	4.272	0.009450	0.009450		
PCB-76 (C61)	29:37	306811	0.79	1.1549	4.272	4.272	0.009450	0.009450		
PCB-66	29:56	158939	0.78	1.2325	2.074	2.074	0.008855	0.008855		
PCB-55	30:08						0.008624	0.008624		
PCB-56	30:37	29873	0.70	1.2161	0.3950	0.3950	0.008974	0.008974		
PCB-60	30:48	17487	0.77	1.0554	0.3034	0.2664	0.0103	0.0103		RQM
PCB-80	31:16						0.008547	0.008547		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:48						0.007552	0.007552		
PCB-78	33:19	24796060	0.79	1.2116	329.1	329.1	0.009008	0.009008		
PCB-81	33:42	82486	0.76	1.0148	1.341	1.341	0.0109	0.0109		a
PCB-77	34:21						0.0103	0.0103		
S Total Pentachlorobiphenyls					992.7	992.4	0.0650	0.0650		RQ
D PCB-104L	25:44	4471154	1.61	1.1880	98.2	98.2	0.0284	0.0284	98.24	
* PCB-101L	31:40	3830958	1.62	1.2E+05	100.0	100.0				
$ PCB-111L	34:22						0.0286	0.0286		
D PCB-123L	36:18	5259466	1.58	0.9399	99.2	99.2	0.7890	0.7890	99.22	
D PCB-118L	36:37	5560419	1.56	0.9794	100.7	100.7	0.7572	0.7572	101	
D PCB-114L	37:10	5476245	1.58	0.9767	99.4	99.4	0.7592	0.7592	99.42	
D PCB-105L	37:48	5319815	1.59	0.9600	98.3	98.3	0.7724	0.7724	98.26	
* PCB-127L	39:17	5639377	1.56	2.1E+05	100.0	100.0				
D PCB-126L	40:54	5524508	1.56	0.9554	102.5	102.5	0.7762	0.7762	103	
PCB-104	25:46	32071434	1.59	1.0054	713.4	713.4	0.0509	0.0509		M
PCB-96	26:09	64924	1.73	1.1511	1.261	1.261	0.0445	0.0445		Ma
PCB-103	28:07						0.0615	0.0615		
PCB-94	28:20						0.0736	0.0736		
PCB-95	28:44	221721	1.60	0.7922	6.259	6.259	0.0646	0.0646		
PCB-93	28:58	51064	1.50	0.7830	1.459	1.459	0.0654	0.0654		M
PCB-100 (C93)	28:58	51064	1.50	0.7830	1.459	1.459	0.0654	0.0654		M
PCB-98	29:08						0.0557	0.0557		
PCB-102 (C98)	29:08						0.0557	0.0557		
PCB-88	29:36	48319	1.55	0.8023	1.617	1.347	0.0638	0.0638		RQM
PCB-91 (C88)	29:36	48319	1.55	0.8023	1.617	1.347	0.0638	0.0638		RQM
PCB-84	29:49	54503	1.51	0.6855	1.778	1.778	0.0747	0.0747		M
PCB-89	30:20						0.0603	0.0603		
PCB-121	30:44	12295886	1.60	1.2839	214.2	214.2	0.0399	0.0399		
PCB-92	31:06	133260	1.56	0.7805	3.818	3.818	0.0656	0.0656		
PCB-90	31:40	438020	1.57	0.9542	10.3	10.3	0.0536	0.0536		
PCB-101 (C90)	31:40	438020	1.57	0.9542	10.3	10.3	0.0536	0.0536		
PCB-113 (C90)	31:40	438020	1.57	0.9542	10.3	10.3	0.0536	0.0536		
PCB-83	32:15	233071	1.63	0.8851	5.889	5.889	0.0578	0.0578		M
PCB-99 (C83)	32:15	233071	1.63	0.8851	5.889	5.889	0.0578	0.0578		M
PCB-112	32:25						0.0362	0.0362		
PCB-86	32:52	253433	1.65	1.0283	5.512	5.512	0.0498	0.0498		M
PCB-87 (C86)	32:52	253433	1.65	1.0283	5.512	5.512	0.0498	0.0498		M
PCB-97 (C86)	32:52	253433	1.65	1.0283	5.512	5.512	0.0498	0.0498		M
PCB-109 (C86)	32:52	253433	1.65	1.0283	5.512	5.512	0.0498	0.0498		M
PCB-119 (C86)	32:52	253433	1.65	1.0283	5.512	5.512	0.0498	0.0498		M
PCB-125 (C86)	32:52	253433	1.65	1.0283	5.512	5.512	0.0498	0.0498		M
PCB-85	33:29	78899	1.55	1.0238	1.724	1.724	0.0500	0.0500		M
PCB-116 (C85)	33:29	78899	1.55	1.0238	1.724	1.724	0.0500	0.0500		M
PCB-117 (C85)	33:29	78899	1.55	1.0238	1.724	1.724	0.0500	0.0500		M
PCB-110	33:39	509951	1.59	1.3556	8.414	8.414	0.0378	0.0378		
PCB-115 (C110)	33:39	509951	1.59	1.3556	8.414	8.414	0.0378	0.0378		
PCB-82	34:00						0.0601	0.0601		
PCB-111	34:23						0.0419	0.0419		
PCB-120	34:51						0.0338	0.0338		
PCB-108	35:58	16593	1.56	1.0910	0.2802	0.2802	0.0878	0.0878		
PCB-124 (C108)	35:58	16593	1.56	1.0910	0.2802	0.2802	0.0878	0.0878		
PCB-107	36:12	36284	1.60	1.2004	0.5568	0.5568	0.0798	0.0798		
PCB-123	36:21	3685	1.55	1.0447	0.0978	0.0671	0.0931	0.0931		RQMa
PCB-106	36:27	410977	1.55	1.1708	6.467	6.467	0.0818	0.0818		M
PCB-118	36:39	423217	1.52	1.0261	7.418	7.418	0.0909	0.0909		
PCB-122	37:01						0.1034	0.1034		
PCB-114	37:12						0.0857	0.0857		
PCB-105	37:50	131096	1.52	1.0755	2.291	2.291	0.0912	0.0912		
PCB-127	39:20						0.0809	0.0809		
PCB-126	40:56						0.0788	0.0788		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					465.8	465.6	0.0485	0.0485		RQ
D PCB-155L	31:26	4233050	1.29	1.1357	97.3	97.3	0.0198	0.0198	97.29	
* PCB-138L	39:45	4604118	1.26	1.5E+05	100.0	100.0				
D PCB-167L	42:45	5692867	1.27	1.2662	97.7	97.7	0.3170	0.3170	97.65	
D PCB-156L	43:54	11089593	1.29	1.2515	192.5	192.5	0.3207	0.3207	96.23	
D PCB-157L (C156L)	43:54	11089593	1.29	1.2515	192.5	192.5	0.3207	0.3207	96.23	
D PCB-169L	47:08	5693438	1.29	1.3070	94.6	94.6	0.3071	0.3071	94.61	
PCB-155	31:27	10007736	1.28	0.9289	254.5	254.5	0.0211	0.0211		M
PCB-152	31:38	32250	1.14	1.1242	0.6777	0.6777	0.0175	0.0175		Ma
PCB-150	31:49	12126	1.24	0.9966	0.3325	0.2874	0.0197	0.0197		RQ
PCB-136	32:10	31496	1.24	0.9632	0.8693	0.7725	0.0204	0.0204		RQM
PCB-145	32:30						0.0182	0.0182		
PCB-148	34:00						0.0266	0.0266		
PCB-135	34:38	56880	1.24	0.7414	1.812	1.812	0.0265	0.0265		M
PCB-151 (C135)	34:38	56880	1.24	0.7414	1.812	1.812	0.0265	0.0265		M
PCB-154	34:51	24658	1.34	0.8223	0.7084	0.7084	0.0239	0.0239		
PCB-144	35:10						0.0266	0.0266		
PCB-147	35:31	210362	1.18	0.8634	4.336	4.336	0.0605	0.0605		
PCB-149 (C147)	35:31	210362	1.18	0.8634	4.336	4.336	0.0605	0.0605		
PCB-134	35:43	20310	1.28	0.6812	0.5306	0.5306	0.0767	0.0767		
PCB-143 (C134)	35:43	20310	1.28	0.6812	0.5306	0.5306	0.0767	0.0767		
PCB-139	36:07						0.0623	0.0623		
PCB-140 (C139)	36:07						0.0623	0.0623		
PCB-131	36:19						0.0762	0.0762		
PCB-142	36:27	6481918	1.25	0.6760	170.6	170.6	0.0773	0.0773		
PCB-132	36:46	110664	1.23	0.7063	2.788	2.788	0.0740	0.0740		
PCB-133	37:17						0.0672	0.0672		
PCB-165	37:41	75935	1.15	0.9584	1.410	1.410	0.0545	0.0545		
PCB-146	37:55	41773	1.23	0.9163	0.8113	0.8113	0.0570	0.0570		
PCB-161	38:03	452647	1.27	1.1406	7.063	7.063	0.0458	0.0458		
PCB-153	38:32	286956	1.24	1.0468	4.879	4.879	0.0499	0.0499		
PCB-168 (C153)	38:32	286956	1.24	1.0468	4.879	4.879	0.0499	0.0499		
PCB-141	38:43	38384	1.24	0.7580	0.9893	0.9012	0.0689	0.0689		RQ
PCB-130	39:08	23246	1.20	0.6356	0.6508	0.6508	0.0822	0.0822		
PCB-137	39:20	21074	1.33	0.7533	0.4978	0.4978	0.0694	0.0694		
PCB-164	39:28	26419	1.22	1.1173	0.4208	0.4208	0.0468	0.0468		
PCB-129	39:46	379168	1.31	0.8826	7.646	7.646	0.0592	0.0592		
PCB-138 (C129)	39:46	379168	1.31	0.8826	7.646	7.646	0.0592	0.0592		
PCB-160 (C129)	39:46	379168	1.31	0.8826	7.646	7.646	0.0592	0.0592		
PCB-163 (C129)	39:46	379168	1.31	0.8826	7.646	7.646	0.0592	0.0592		
PCB-158	40:09	46805	1.27	1.1331	0.7351	0.7351	0.0461	0.0461		
PCB-128	41:01	71391	1.23	0.9522	1.334	1.334	0.0549	0.0549		
PCB-166 (C128)	41:01	71391	1.23	0.9522	1.334	1.334	0.0549	0.0549		
PCB-159	42:01	75776	1.15	1.3072	1.032	1.032	0.0400	0.0400		
PCB-162	42:19						0.0478	0.0478		
PCB-167	42:47	17297	1.05	1.1098	0.2738	0.2738	0.0393	0.0393		M
PCB-156	43:54	49556	1.15	1.0713	0.8343	0.8343	0.0583	0.0583		
PCB-157 (C156)	43:54	49556	1.15	1.0713	0.8343	0.8343	0.0583	0.0583		
PCB-169	47:11						0.0377	0.0377		
S Total Heptachlorobiphenyls					1408.9	1408.4	0.0340	0.0340		RQ
D PCB-188L	37:10	4924743	1.07	1.2605	101.7	101.7	0.0222	0.0222	102	
$ PCB-178L	40:14						0.0334	0.0334		
* PCB-180L	45:18	3842311	1.10	1.2E+05	100.0	100.0				
D PCB-170L	46:33	3091662	1.07	0.8524	94.4	94.4	0.0328	0.0328	94.40	
D PCB-189L	49:40	5826007	1.05	1.4740	85.3	85.3	0.7059	0.7059	85.26	
PCB-188	37:12						0.0270	0.0270		
PCB-179	37:32						0.0255	0.0255		
PCB-184	38:02	19144088	1.06	1.2996	367.5	367.5	0.0274	0.0274		
PCB-176	38:25						0.0298	0.0298		
PCB-186	38:52						0.0242	0.0242		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:16						0.0405	0.0405		
PCB-175	40:53						0.0395	0.0395		
PCB-187	41:09						0.0310	0.0310		
PCB-182	41:21						0.0323	0.0323		
PCB-183	41:45						0.0367	0.0367		
PCB-185 (C183)	41:45						0.0367	0.0367		
PCB-174	42:00						0.0357	0.0357		
PCB-177	42:26						0.0371	0.0371		
PCB-181	42:49						0.0337	0.0337		
PCB-171	43:03						0.0398	0.0398		
PCB-173 (C171)	43:03						0.0398	0.0398		
PCB-172	44:41						0.0384	0.0384		
PCB-192	44:57	58790176	1.06	1.4131	1038.0	1038.0	0.0252	0.0252		
PCB-180	45:18	135638	1.05	1.1677	3.345	2.898	0.0305	0.0305		RQ
PCB-193 (C180)	45:18	135638	1.05	1.1677	3.345	2.898	0.0305	0.0305		RQ
PCB-191	45:41						0.0281	0.0281		
PCB-170	46:36						0.0437	0.0437		
PCB-190	47:06						0.0274	0.0274		
PCB-189	49:42						0.0610	0.0610		
S Total Octachlorobiphenyls					651.0	650.9	0.0239	0.0239		RQ
D PCB-202L	42:32	3914646	0.91	1.0390	98.1	98.1	0.0203	0.0203	98.05	
* PCB-194L	51:46	4635969	0.92	1.5E+05	100.0	100.0				
D PCB-205L	52:14	5445667	0.89	1.2166	96.6	96.6	0.6711	0.6711	96.55	
PCB-202	42:34						0.0219	0.0219		
PCB-201	43:29						0.0230	0.0230		
PCB-204	44:08	28033788	0.91	1.1119	644.1	644.1	0.0198	0.0198		
PCB-197	44:22	275542	0.88	1.0487	6.712	6.712	0.0210	0.0210		
PCB-200	44:29						0.0228	0.0228		
PCB-198	47:17						0.0250	0.0250		
PCB-199 (C198)	47:17						0.0250	0.0250		
PCB-196	47:57						0.0280	0.0280		
PCB-203	48:09						0.0227	0.0227		
PCB-195	49:25						0.0298	0.0298		U
PCB-194	51:49	2628	0.89	0.9255	0.0704	0.0521	0.0267	0.0267		RQM
PCB-205	52:16	7137	0.89	1.1267	0.1326	0.1163	0.0219	0.0219		RQM
S Total Nonachlorobiphenyls					2.324	2.324	0.0819	0.0819		
D PCB-208L	49:12	5002404	0.80	1.0234	105.4	105.4	0.8922	0.8922	105	
D PCB-206L	54:00	3663537	0.80	0.7298	108.3	108.3	1.251	1.251	108	
PCB-208	49:14						0.0782	0.0782		
PCB-207	50:09	124158	0.88	1.2328	2.324	2.324	0.0772	0.0772		
PCB-206	54:02						0.0904	0.0904		
D PCB-209L	55:38	3932538	0.72	0.7565	112.1	112.1	0.0503	0.0503	112	
DCB Decachlorobiphenyl	55:39	128735	0.69	1.0418	3.142	3.142	0.0158	0.0158		
S Polychlorinated biphenyls, Total					4586.6	3.142	0.0544	0.0544		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Report Date: 05-Jan-2024 00:45:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d
Lims ID: 140-34509-A-6-B
Client ID: PW-03-DUP
Sample Type: Client
Inject. Date: 04-Jan-2024 18:06:00 ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-010
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 00:45:48 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 00:45:48

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:39	11:40	-2	0.728	5323360	1927289	927	2317	2079		
202.0766	11:39	11:40	-2	0.728	1653929	606699	1118	2795	543	3.22(2.66-3.60)	
PCB-3L											
200.0795	13:49	13:49	-3	0.862	5112587	1442334	927	2317	1556		
202.0766	13:49	13:49	-3	0.862	1598894	451852	1118	2795	404	3.20(2.66-3.60)	
PCB-1											RQM
188.0393	11:40	11:39	-2	1.001	2513	977	149	372	7		
190.0363	11:39	11:39	-3	1.000	1550	677	100	250	7	1.62(2.66-3.60)	M
	Empc Correction				802	312	100	250	3		
PCB-2											
188.0393	13:40	13:41	-2	0.990	10482	2689	149	372	18		
190.0363	13:38	13:41	-4	0.987	3856	789	100	250	8	2.72(2.66-3.60)	
PCB-3											
188.0393	13:49						149	372			
190.0363	13:49						100	250			
PCB-4L											
234.0406	14:04	14:04	-3	0.878	2046334	610280	216	540	2825		
236.0376	14:04	14:04	-3	0.878	1283750	384789	69	172	5577	1.59(1.33-1.79)	
PCB-9L											
234.0406	16:01	16:04	-3		3513164	905687	216	540	4193		
236.0376	16:01	16:04	-3		2180439	569217	69	172	8250	1.61(1.33-1.79)	
PCB-15L											
234.0406	19:57	19:56	-3	1.245	3407908	660353	216	540	3057		
236.0376	19:57	19:56	-3	1.245	2032067	403187	69	172	5843	1.68(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-4											
222.0003	14:04	14:06	-3	1.001	37633	11103	129	322	86		
223.9974	14:04	14:06	-3	1.001	22348	6329	196	490	32	1.68(1.33-1.79)	
PCB-10											M
222.0003	14:15	14:15	-3	1.013	12426	3705	129	322	29		M
223.9974	14:15	14:15	-2	1.014	7822	2338	196	490	12	1.59(1.33-1.79)	M
PCB-9											
222.0003	16:02						129	322			
223.9974	16:02						196	490			
PCB-7											
222.0003	16:12						129	322			
223.9974	16:12						196	490			
PCB-6											
222.0003	16:27						129	322			
223.9974	16:27						196	490			
PCB-5											
222.0003	16:45						129	322			
223.9974	16:45						196	490			
PCB-8											M
222.0003	16:52	16:52	-3	1.200	15482	4013	129	322	31		M
223.9974	16:52	16:52	-3	1.200	9517	2419	196	490	12	1.63(1.33-1.79)	M
PCB-14											
222.0003	18:30	18:31	-3	0.928	18151645	4156579	129	322	32222		
223.9974	18:30	18:31	-3	0.928	11431018	2628126	196	490	13409	1.59(1.33-1.79)	
PCB-11											M
222.0003	19:22	19:21	-1	0.971	42875	6803	129	322	53		
223.9974	19:21	19:21	-3	0.970	25852	5272	196	490	27	1.66(1.33-1.79)	M
PCB-12											
222.0003	19:40						129	322			
223.9974	19:40						196	490			
PCB-13 (C12)											
222.0003	19:40						129	322			
223.9974	19:40						196	490			
PCB-15											RQM
222.0003	19:59	19:58	-1	1.002	19883	4385	129	322	34		M
223.9974	19:58	19:58	-2	1.001	18517	3316	196	490	17	1.07(1.33-1.79)	M
	Empc Correction				12745	2810	196	490	14		
PCB-19L											
268.0016	17:10	17:11	-3	0.840	1113067	277467	1222	3055	227		
269.9986	17:10	17:11	-3	0.840	1050931	260459	510	1275	511	1.06(0.88-1.20)	
PCB-32L											
268.0016	20:25	20:27	-2		1980752	440465	1222	3055	360		
269.9986	20:25	20:27	-2		1872873	403211	510	1275	791	1.06(0.88-1.20)	
PCB-31L											
268.0016	22:41	22:43	-2		4186057	867707	584	1460	1486		
269.9986	22:41	22:43	-2		4060158	846678	287	717	2950	1.03(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-28L											
268.0016	22:59						584	1460			
269.9986	22:59						287	717			
PCB-37L											
268.0016	26:59	27:00	-3	1.189	3319637	578978	584	1460	991		
269.9986	26:59	27:00	-3	1.189	3184986	574819	287	717	2003	1.04(0.88-1.20)	
PCB-19											M
255.9613	17:10	17:10	-3	1.001	29623	7625	43	107	177		M
257.9584	17:10	17:10	-3	1.001	26939	6005	77	192	78	1.10(0.88-1.20)	M
PCB-18											
255.9613	19:02	19:01	-1	1.110	12235	3142	43	107	73		
257.9584	19:02	19:01	-1	1.110	12382	2779	77	192	36	0.99(0.88-1.20)	
PCB-30 (C18)											
255.9613	19:02	19:01	-1	1.110	12235	3142	43	107	73		
257.9584	19:02	19:01	-1	1.110	12382	2779	77	192	36	0.99(0.88-1.20)	
PCB-17											
255.9613	19:28	19:28	-3	1.134	28022	6094	43	107	142		
257.9584	19:27	19:28	-3	1.133	29299	6991	77	192	91	0.96(0.88-1.20)	
PCB-27											
255.9613	19:40	19:43	-3	1.146	22578	5097	43	107	119		
257.9584	19:40	19:43	-3	1.146	20415	4702	77	192	61	1.11(0.88-1.20)	
PCB-24											
255.9613	19:48						43	107			
257.9584	19:48						77	192			
PCB-16											RQM
255.9613	19:54	19:54	-3	1.160	2456	550	43	107	13		M
257.9584	19:54	19:54	-3	1.160	3318	783	77	192	10	0.74(0.88-1.20)	M
	Empc Correction				2361	528	77	192	7		
PCB-32											
255.9613	20:26	20:28	-3	1.191	11287	3032	43	107	71		
257.9584	20:25	20:28	-3	1.190	11713	2447	77	192	32	0.96(0.88-1.20)	
PCB-34											
255.9613	21:41						638	1595			
257.9584	21:41						462	1155			
PCB-23											
255.9613	21:50						638	1595			
257.9584	21:50						462	1155			
PCB-26											RQM
255.9613	22:10	22:10	-3	1.292	21814	4315	638	1595	7		M
257.9584	22:10	22:10	-3	1.292	25258	5068	462	1155	11	0.86(0.88-1.20)	M
	Empc Correction				20975	4149	462	1155	9		
PCB-29 (C26)											RQM
255.9613	22:10	22:10	-3	1.292	21814	4315	638	1595	7		M
257.9584	22:10	22:10	-3	1.292	25258	5068	462	1155	11	0.86(0.88-1.20)	M
	Empc Correction				20975	4149	462	1155	9		

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											RQM
255.9613	22:23	22:24	-3	0.829	20503	5007	638	1595	8		
257.9584	22:24	22:24	-2	0.830	27950	5853	462	1155	13	0.73(0.88-1.20)	M
	Empc Correction				19714	4814	462	1155	10		
PCB-31											
255.9613	22:43	22:43	-1	0.842	54521	12009	638	1595	19		
257.9584	22:42	22:43	-2	0.841	60182	12752	462	1155	28	0.91(0.88-1.20)	
PCB-20											
255.9613	23:00	23:02	-4	0.852	97017	20418	638	1595	32		
257.9584	23:00	23:02	-4	0.852	100080	20837	462	1155	45	0.97(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:00	23:02	-4	0.852	97017	20418	638	1595	32		
257.9584	23:00	23:02	-4	0.852	100080	20837	462	1155	45	0.97(0.88-1.20)	
PCB-21											
255.9613	23:14	23:12	1	0.861	11279	2500	638	1595	4		
257.9584	23:14	23:12	1	0.861	11580	2424	462	1155	5	0.97(0.88-1.20)	
PCB-33 (C21)											
255.9613	23:14	23:12	1	0.861	11279	2500	638	1595	4		
257.9584	23:14	23:12	1	0.861	11580	2424	462	1155	5	0.97(0.88-1.20)	
PCB-22											Ma
255.9613	23:38	23:39	-2	0.876	14554	2978	638	1595	5		M
257.9584	23:39	23:39	-1	0.876	15119	3834	462	1155	8	0.96(0.88-1.20)	M
PCB-36											M
255.9613	25:12	25:12	-2	0.934	5753733	1120778	638	1595	1757		M
257.9584	25:12	25:12	-2	0.934	5994771	1174605	462	1155	2542	0.96(0.88-1.20)	M
PCB-39											M
255.9613	25:37	25:38	1	0.949	15934	3507	638	1595	5		M
257.9584	25:38	25:38	3	0.950	13848	3195	462	1155	7	1.15(0.88-1.20)	M
PCB-38											
255.9613	26:08						638	1595			
257.9584	26:08						462	1155			
PCB-35											
255.9613	26:36						638	1595			
257.9584	26:36						462	1155			
PCB-37											M
255.9613	27:00	27:00	-2	1.001	11418	2543	638	1595	4		M
257.9584	27:00	27:00	-3	1.000	11524	1878	462	1155	4	0.99(0.88-1.20)	M
PCB-54L											
301.9626	20:14	20:16	-3	0.816	1142974	260172	40	100	6504		
303.9597	20:14	20:16	-3	0.816	1405360	322769	39	97	8276	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:49	24:51	-2		2270560	457135	276	690	1656		
303.9597	24:49	24:51	-2		2884145	586352	273	682	2148	0.79(0.65-0.89)	
PCB-81L											
301.9626	33:45	33:44	-1	1.360	2680852	478889	276	690	1735		
303.9597	33:45	33:44	-1	1.360	3382545	606874	273	682	2223	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-77L											
301.9626	34:18	34:18	-1	1.383	2860459	500832	276	690	1815		
303.9597	34:18	34:18	-1	1.383	3513763	612427	273	682	2243	0.81(0.65-0.89)	
PCB-54											
289.9224	20:16	20:18	-3	1.000	3539	1008	29	72	35		
291.9194	20:16	20:18	-3	1.000	5271	1309	36	90	36	0.67(0.65-0.89)	
PCB-50											
289.9224	22:27	22:27	-2	1.109	28637	6022	21	52	287		
291.9194	22:25	22:27	-4	1.108	38985	6642	27	67	246	0.73(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:27	22:27	-2	1.109	28637	6022	21	52	287		
291.9194	22:25	22:27	-4	1.108	38985	6642	27	67	246	0.73(0.65-0.89)	
PCB-45											
289.9224	23:10	23:12	-2	1.145	27595	6229	21	52	297		
291.9194	23:10	23:12	-2	1.145	41507	7410	27	67	274	0.66(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:10	23:12	-2	1.145	27595	6229	21	52	297		
291.9194	23:10	23:12	-2	1.145	41507	7410	27	67	274	0.66(0.65-0.89)	
PCB-46											RQM
289.9224	23:24	23:24	-3	1.157	3881	916	21	52	44		M
	Empc Correction				2547	602	21	52	29		
291.9194	23:24	23:24	-3	1.157	3308	782	27	67	29	1.17(0.65-0.89)	M
PCB-52											
289.9224	24:50	24:50	-2	1.227	134767	29196	21	52	1390		
291.9194	24:50	24:50	-2	1.227	179250	38660	27	67	1432	0.75(0.65-0.89)	
PCB-43											
289.9224	24:58	25:01	-3	1.234	24593	4061	21	52	193		
291.9194	24:58	25:01	-2	1.234	31270	6237	27	67	231	0.79(0.65-0.89)	
PCB-73 (C43)											
289.9224	24:58	25:01	-3	1.234	24593	4061	21	52	193		
291.9194	24:58	25:01	-2	1.234	31270	6237	27	67	231	0.79(0.65-0.89)	
PCB-49											
289.9224	25:18	25:17	-1	1.251	108358	21014	21	52	1001		
291.9194	25:19	25:17	0	1.251	137187	26852	27	67	995	0.79(0.65-0.89)	
PCB-69 (C49)											
289.9224	25:18	25:17	-1	1.251	108358	21014	21	52	1001		
291.9194	25:19	25:17	0	1.251	137187	26852	27	67	995	0.79(0.65-0.89)	
PCB-48											M
289.9224	25:36	25:37	-2	1.265	9058	2368	21	52	113		M
291.9194	25:37	25:37	-1	1.266	11532	2294	27	67	85	0.79(0.65-0.89)	M
PCB-44											M
289.9224	25:47	25:46	-6	1.274	502390	60936	21	52	2902		M
291.9194	25:46	25:46	-7	1.273	654841	78627	27	67	2912	0.77(0.65-0.89)	M
PCB-47 (C44)											M
289.9224	25:47	25:46	-6	1.274	502390	60936	21	52	2902		M
291.9194	25:46	25:46	-7	1.273	654841	78627	27	67	2912	0.77(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-65 (C44)											M
289.9224	25:47	25:46	-6	1.274	502390	60936	21	52	2902		M
291.9194	25:46	25:46	-7	1.273	654841	78627	27	67	2912	0.77(0.65-0.89)	M
PCB-59											
289.9224	26:09	26:09	-2	1.292	12796	2323	21	52	111		
291.9194	26:11	26:09	0	1.294	17786	3065	27	67	114	0.72(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:09	26:09	-2	1.292	12796	2323	21	52	111		
291.9194	26:11	26:09	0	1.294	17786	3065	27	67	114	0.72(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:09	26:09	-2	1.292	12796	2323	21	52	111		
291.9194	26:11	26:09	0	1.294	17786	3065	27	67	114	0.72(0.65-0.89)	
PCB-42											M
289.9224	26:21	26:21	-2	1.303	17242	3587	21	52	171		M
291.9194	26:21	26:21	-3	1.302	22967	4624	27	67	171	0.75(0.65-0.89)	
PCB-40											
289.9224	26:52	26:54	-1	1.328	31220	5901	21	52	281		
291.9194	26:51	26:54	-1	1.327	40422	8626	27	67	319	0.77(0.65-0.89)	
PCB-41 (C40)											
289.9224	26:52	26:54	-1	1.328	31220	5901	21	52	281		
291.9194	26:51	26:54	-1	1.327	40422	8626	27	67	319	0.77(0.65-0.89)	
PCB-71 (C40)											
289.9224	26:52	26:54	-1	1.328	31220	5901	21	52	281		
291.9194	26:51	26:54	-1	1.327	40422	8626	27	67	319	0.77(0.65-0.89)	
PCB-64											
289.9224	27:03	27:06	-2	1.337	35051	6772	21	52	322		
291.9194	27:04	27:06	-1	1.338	45101	8772	27	67	325	0.78(0.65-0.89)	
PCB-72											
289.9224	27:55						21	52			
291.9194	27:55						27	67			
PCB-68											
289.9224	28:12	28:13	-1	0.836	68985	13483	21	52	642		
291.9194	28:11	28:13	-2	0.835	89391	19015	27	67	704	0.77(0.65-0.89)	
PCB-57											
289.9224	28:37						21	52			
291.9194	28:37						27	67			
PCB-58											
289.9224	28:52						21	52			
291.9194	28:52						27	67			
PCB-67											
289.9224	29:02						21	52			
291.9194	29:02						27	67			
PCB-63											
289.9224	29:18						21	52			
291.9194	29:18						27	67			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-61											
289.9224	29:37	29:38	-2	0.878	135822	18807	21	52	896		
291.9194	29:36	29:38	-3	0.877	170989	24758	27	67	917	0.79(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:37	29:38	-2	0.878	135822	18807	21	52	896		
291.9194	29:36	29:38	-3	0.877	170989	24758	27	67	917	0.79(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:37	29:38	-2	0.878	135822	18807	21	52	896		
291.9194	29:36	29:38	-3	0.877	170989	24758	27	67	917	0.79(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:37	29:38	-2	0.878	135822	18807	21	52	896		
291.9194	29:36	29:38	-3	0.877	170989	24758	27	67	917	0.79(0.65-0.89)	
PCB-66											
289.9224	29:56	29:58	-2	0.887	69565	12655	21	52	603		
291.9194	29:57	29:58	-1	0.887	89374	16629	27	67	616	0.78(0.65-0.89)	
PCB-55											
289.9224	30:07						21	52			
291.9194	30:07						27	67			
PCB-56											
289.9224	30:37	30:39	-2	0.907	12268	2751	21	52	131		
291.9194	30:37	30:39	-2	0.907	17605	4320	27	67	160	0.70(0.65-0.89)	
PCB-60											RQM
289.9224	30:48	30:50	-3	0.913	10034	3397	21	52	162		M
	Empc Correction				7607	2160	21	52	103		
291.9194	30:50	30:50	-1	0.914	9880	2806	27	67	104	1.02(0.65-0.89)	M
PCB-80											
289.9224	31:14						21	52			
291.9194	31:14						27	67			
PCB-79											
289.9224	32:46						21	52			
291.9194	32:46						27	67			
PCB-78											
289.9224	33:19	33:22	-1	0.987	10956616	1988077	21	52	94670		
291.9194	33:19	33:22	-1	0.987	13839444	2516130	27	67	93190	0.79(0.65-0.89)	
PCB-81											a
289.9224	33:42	33:42	-5	0.999	35496	5906	21	52	281		a
291.9194	33:43	33:42	-4	0.999	46990	8561	27	67	317	0.76(0.65-0.89)	
PCB-77											
289.9224	34:20						21	52			
291.9194	34:20						27	67			
PCB-104L											
337.9207	25:44	25:46	-2	0.813	2759769	577039	52	130	11097		
339.9178	25:44	25:46	-2	0.813	1711385	355078	50	125	7102	1.61(1.32-1.78)	
PCB-101L											
337.9207	31:40	31:42	-2		2367284	470916	52	130	9056		
339.9178	31:40	31:42	-2		1463674	284504	50	125	5690	1.62(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-111L											
337.9207	34:20						52	130			
339.9178	34:20						50	125			
PCB-123L											
337.9207	36:18	36:18	-1	1.147	3220605	598573	1603	4007	373		
339.9178	36:18	36:18	-1	1.147	2038861	382863	1485	3712	258	1.58(1.32-1.78)	
PCB-118L											
337.9207	36:37	36:37	-2	1.157	3391599	625708	1603	4007	390		
339.9178	36:38	36:37	-1	1.157	2168820	398085	1485	3712	268	1.56(1.32-1.78)	
PCB-114L											
337.9207	37:10	37:09	-1	1.174	3352013	622236	1603	4007	388		
339.9178	37:09	37:09	-1	1.173	2124232	397828	1485	3712	268	1.58(1.32-1.78)	
PCB-105L											
337.9207	37:48	37:48	-1	1.194	3266715	600232	1603	4007	374		
339.9178	37:48	37:48	-1	1.194	2053100	373245	1485	3712	251	1.59(1.32-1.78)	
PCB-127L											
337.9207	39:17	39:18	-2		3438909	634764	1603	4007	396		
339.9178	39:17	39:18	-2		2200468	406256	1485	3712	274	1.56(1.32-1.78)	
PCB-126L											
337.9207	40:54	40:53	-1	1.292	3368709	597769	1603	4007	373		
339.9178	40:54	40:53	-1	1.292	2155799	388643	1485	3712	262	1.56(1.32-1.78)	
PCB-104											M
325.8804	25:46	25:46	-2	1.001	19690330	4119584	133	332	30974		
327.8775	25:46	25:46	-2	1.001	12381104	2614448	58	145	45077	1.59(1.32-1.78)	M
PCB-96											Ma
325.8804	26:09	26:09	-2	1.016	41127	8283	133	332	62		M
327.8775	26:07	26:09	-4	1.015	23797	5538	58	145	95	1.73(1.32-1.78)	
PCB-103											
325.8804	28:05						133	332			
327.8775	28:05						58	145			
PCB-94											
325.8804	28:18						133	332			
327.8775	28:18						58	145			
PCB-95											
325.8804	28:44	28:46	-3	1.116	136297	26562	133	332	200		
327.8775	28:45	28:46	-2	1.117	85424	16157	58	145	279	1.60(1.32-1.78)	
PCB-93											M
325.8804	28:58	28:58	-1	1.126	30608	6054	133	332	46		M
327.8775	28:58	28:58	-1	1.125	20456	4006	58	145	69	1.50(1.32-1.78)	M
PCB-100 (C93)											M
325.8804	28:58	28:58	-1	1.126	30608	6054	133	332	46		M
327.8775	28:58	28:58	-1	1.125	20456	4006	58	145	69	1.50(1.32-1.78)	M
PCB-98											
325.8804	29:06						133	332			
327.8775	29:06						58	145			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-102 (C98)											
325.8804	29:06						133	332			
327.8775	29:06						58	145			
PCB-88											RQM
325.8804	29:36	29:35	-2	1.150	39063	7141	133	332	54		M
	Empc Correction				29370	5318	133	332	40		
327.8775	29:35	29:35	-3	1.149	18949	3431	58	145	59	2.06(1.32-1.78)	M
PCB-91 (C88)											RQM
325.8804	29:36	29:35	-2	1.150	39063	7141	133	332	54		M
	Empc Correction				29370	5318	133	332	40		
327.8775	29:35	29:35	-3	1.149	18949	3431	58	145	59	2.06(1.32-1.78)	M
PCB-84											M
325.8804	29:49	29:49	-2	1.158	32814	6878	133	332	52		M
327.8775	29:49	29:49	-2	1.158	21689	4152	58	145	72	1.51(1.32-1.78)	M
PCB-89											
325.8804	30:18						133	332			
327.8775	30:18						58	145			
PCB-121											
325.8804	30:44	30:44	-1	1.194	7569370	1498501	133	332	11267		
327.8775	30:44	30:44	-1	1.194	4726516	931922	58	145	16068	1.60(1.32-1.78)	
PCB-92											
325.8804	31:06	31:08	-2	0.856	81219	11529	133	332	87		
327.8775	31:06	31:08	-2	0.856	52041	7551	58	145	130	1.56(1.32-1.78)	
PCB-90											
325.8804	31:40	31:40	-1	1.230	267426	48194	133	332	362		
327.8775	31:41	31:40	0	1.231	170594	32238	58	145	556	1.57(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:40	31:40	-1	1.230	267426	48194	133	332	362		
327.8775	31:41	31:40	0	1.231	170594	32238	58	145	556	1.57(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:40	31:40	-1	1.230	267426	48194	133	332	362		
327.8775	31:41	31:40	0	1.231	170594	32238	58	145	556	1.57(1.32-1.78)	
PCB-83											M
325.8804	32:15	32:16	-2	1.253	144571	22660	133	332	170		
327.8775	32:16	32:16	-1	1.253	88500	16403	58	145	283	1.63(1.32-1.78)	M
PCB-99 (C83)											M
325.8804	32:15	32:16	-2	1.253	144571	22660	133	332	170		
327.8775	32:16	32:16	-1	1.253	88500	16403	58	145	283	1.63(1.32-1.78)	M
PCB-112											
325.8804	32:22						133	332			
327.8775	32:22						58	145			
PCB-86											M
325.8804	32:52	32:52	6	1.277	157777	15741	133	332	118		M
327.8775	32:52	32:52	6	1.277	95656	10557	58	145	182	1.65(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:52	32:52	6	1.277	157777	15741	133	332	118		M
327.8775	32:52	32:52	6	1.277	95656	10557	58	145	182	1.65(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-97 (C86)											M
325.8804	32:52	32:52	6	1.277	157777	15741	133	332	118		M
327.8775	32:52	32:52	6	1.277	95656	10557	58	145	182	1.65(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:52	32:52	6	1.277	157777	15741	133	332	118		M
327.8775	32:52	32:52	6	1.277	95656	10557	58	145	182	1.65(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:52	32:52	6	1.277	157777	15741	133	332	118		M
327.8775	32:52	32:52	6	1.277	95656	10557	58	145	182	1.65(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:52	32:52	6	1.277	157777	15741	133	332	118		M
327.8775	32:52	32:52	6	1.277	95656	10557	58	145	182	1.65(1.32-1.78)	M
PCB-85											M
325.8804	33:29	33:29	-1	1.301	47930	6862	133	332	52		M
327.8775	33:30	33:29	0	1.301	30969	4305	58	145	74	1.55(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:29	33:29	-1	1.301	47930	6862	133	332	52		M
327.8775	33:30	33:29	0	1.301	30969	4305	58	145	74	1.55(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:29	33:29	-1	1.301	47930	6862	133	332	52		M
327.8775	33:30	33:29	0	1.301	30969	4305	58	145	74	1.55(1.32-1.78)	M
PCB-110											
325.8804	33:39	33:44	-5	1.307	312983	56043	133	332	421		
327.8775	33:39	33:44	-5	1.307	196968	36633	58	145	632	1.59(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:39	33:44	-5	1.307	312983	56043	133	332	421		
327.8775	33:39	33:44	-5	1.307	196968	36633	58	145	632	1.59(1.32-1.78)	
PCB-82											
325.8804	33:57						133	332			
327.8775	33:57						58	145			
PCB-111											
325.8804	34:21						133	332			
327.8775	34:21						58	145			
PCB-120											
325.8804	34:48						133	332			
327.8775	34:48						58	145			
PCB-108											
325.8804	35:58	35:59	-2	1.397	10111	2073	260	650	8		
327.8775	35:58	35:59	-2	1.397	6482	1395	122	305	11	1.56(1.32-1.78)	
PCB-124 (C108)											
325.8804	35:58	35:59	-2	1.397	10111	2073	260	650	8		
327.8775	35:58	35:59	-2	1.397	6482	1395	122	305	11	1.56(1.32-1.78)	
PCB-107											
325.8804	36:12	36:15	-2	1.406	22315	4021	260	650	15		
327.8775	36:12	36:15	-2	1.406	13969	2795	122	305	23	1.60(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123											RQMa
325.8804	36:21	36:21	0	1.001	2240	1201	260	650	5		M
327.8775	36:21	36:21	0	1.001	3134	990	122	305	8	0.71(1.32-1.78)	
	Empc Correction				1445	774	122	305	6		
PCB-106											M
325.8804	36:27	36:27	-1	1.004	249975	47838	260	650	184		M
327.8775	36:27	36:27	-1	1.004	161002	33729	122	305	276	1.55(1.32-1.78)	M
PCB-118											
325.8804	36:39	36:40	-2	1.001	255364	47582	260	650	183		
327.8775	36:39	36:40	-2	1.001	167853	29236	122	305	240	1.52(1.32-1.78)	
PCB-122											
325.8804	36:59						260	650			
327.8775	36:59						122	305			
PCB-114											
325.8804	37:11						260	650			
327.8775	37:11						122	305			
PCB-105											
325.8804	37:50	37:52	-1	1.001	79058	13267	260	650	51		
327.8775	37:49	37:52	-1	1.000	52038	9915	122	305	81	1.52(1.32-1.78)	
PCB-127											
325.8804	39:18						260	650			
327.8775	39:18						122	305			
PCB-126											
325.8804	40:55						260	650			
327.8775	40:55						122	305			
PCB-155L											
371.8817	31:26	31:26	-1	0.791	2384180	474788	41	102	11580		
373.8788	31:26	31:26	-1	0.791	1848870	365287	27	67	13529	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:45	39:46	-1		2562571	476464	803	2007	593		
373.8788	39:45	39:46	-1		2041547	381734	575	1437	664	1.26(1.05-1.43)	
PCB-167L											
371.8817	42:45	42:45	-1	1.076	3186254	589499	803	2007	734		
373.8788	42:45	42:45	-1	1.076	2506613	464410	575	1437	808	1.27(1.05-1.43)	
PCB-156L											
371.8817	43:54	43:55	-2	1.104	6237926	819125	803	2007	1020		
373.8788	43:54	43:55	-2	1.104	4851667	652758	575	1437	1135	1.29(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:54	43:55	-2	1.104	6237926	819125	803	2007	1020		
373.8788	43:54	43:55	-2	1.104	4851667	652758	575	1437	1135	1.29(1.05-1.43)	
PCB-169L											
371.8817	47:08	47:09	-2	1.186	3202870	556183	803	2007	693		
373.8788	47:08	47:09	-2	1.186	2490568	439642	575	1437	765	1.29(1.05-1.43)	
PCB-155											M
359.8415	31:27	31:27	-2	1.000	5617120	1109956	45	112	24666		M
361.8385	31:27	31:27	-2	1.000	4390616	873113	21	52	41577	1.28(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-152											Ma
359.8415	31:38	31:38	-2	1.007	17193	4025	45	112	89		M
361.8385	31:39	31:38	-1	1.007	15057	3742	21	52	178	1.14(1.05-1.43)	
PCB-150											RQ
359.8415	31:49	31:51	-1	1.012	6713	1838	45	112	41		
361.8385	31:46	31:51	-4	1.011	7316	1601	21	52	76	0.92(1.05-1.43)	
	Empc Correction				5413	1482	21	52	71		
PCB-136											RQM
359.8415	32:10	32:10	-2	1.024	21382	3327	45	112	74		M
	Empc Correction				17435	3305	45	112	73		
361.8385	32:10	32:10	-2	1.024	14061	2666	21	52	127	1.52(1.05-1.43)	
PCB-145											
359.8415	32:31						45	112			
361.8385	32:31						21	52			
PCB-148											
359.8415	33:59						45	112			
361.8385	33:59						21	52			
PCB-135											M
359.8415	34:38	34:35	-1	1.102	31524	3534	45	112	79		
361.8385	34:35	34:35	-4	1.100	25356	4069	21	52	194	1.24(1.05-1.43)	M
PCB-151 (C135)											M
359.8415	34:38	34:35	-1	1.102	31524	3534	45	112	79		
361.8385	34:35	34:35	-4	1.100	25356	4069	21	52	194	1.24(1.05-1.43)	M
PCB-154											
359.8415	34:51	34:50	0	1.109	14128	2420	45	112	54		
361.8385	34:51	34:50	-1	1.109	10530	1808	21	52	86	1.34(1.05-1.43)	
PCB-144											
359.8415	35:09						45	112			
361.8385	35:09						21	52			
PCB-147											
359.8415	35:31	35:30	-1	1.130	113709	21024	87	217	242		
361.8385	35:30	35:30	-2	1.130	96653	19239	97	242	198	1.18(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:31	35:30	-1	1.130	113709	21024	87	217	242		
361.8385	35:30	35:30	-2	1.130	96653	19239	97	242	198	1.18(1.05-1.43)	
PCB-134											
359.8415	35:43	35:45	-6	1.136	11409	2409	87	217	28		
361.8385	35:42	35:45	-7	1.136	8901	1666	97	242	17	1.28(1.05-1.43)	
PCB-143 (C134)											
359.8415	35:43	35:45	-6	1.136	11409	2409	87	217	28		
361.8385	35:42	35:45	-7	1.136	8901	1666	97	242	17	1.28(1.05-1.43)	
PCB-139											
359.8415	36:06						87	217			
361.8385	36:06						97	242			
PCB-140 (C139)											
359.8415	36:06						87	217			
361.8385	36:06						97	242			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-131											
359.8415	36:18						87	217			
361.8385	36:18						97	242			
PCB-142											
359.8415	36:27	36:27	-2	1.160	3598793	686363	87	217	7889		
361.8385	36:27	36:27	-2	1.160	2883125	550972	97	242	5680	1.25(1.05-1.43)	
PCB-132											
359.8415	36:46	36:49	-2	1.170	61043	9738	87	217	112		
361.8385	36:46	36:49	-2	1.170	49621	7924	97	242	82	1.23(1.05-1.43)	
PCB-133											
359.8415	37:18						87	217			
361.8385	37:18						97	242			
PCB-165											
359.8415	37:41	37:40	0	0.881	40552	6631	87	217	76		
361.8385	37:40	37:40	-1	0.881	35383	6417	97	242	66	1.15(1.05-1.43)	
PCB-146											
359.8415	37:55	37:55	-1	0.887	23074	5332	87	217	61		
361.8385	37:55	37:55	-1	0.887	18699	4516	97	242	47	1.23(1.05-1.43)	
PCB-161											
359.8415	38:03	38:03	-1	0.890	253425	45011	87	217	517		
361.8385	38:02	38:03	-1	0.890	199222	35477	97	242	366	1.27(1.05-1.43)	
PCB-153											
359.8415	38:32	38:33	-2	0.901	159031	31048	87	217	357		
361.8385	38:32	38:33	-2	0.901	127925	24215	97	242	250	1.24(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:32	38:33	-2	0.901	159031	31048	87	217	357		
361.8385	38:32	38:33	-2	0.901	127925	24215	97	242	250	1.24(1.05-1.43)	
PCB-141											RQ
359.8415	38:43	38:43	-1	0.906	25003	5282	87	217	61		
	Empc Correction				21248	4110	87	217	47		
361.8385	38:44	38:43	0	0.906	17136	3315	97	242	34	1.46(1.05-1.43)	
PCB-130											
359.8415	39:08	39:09	-2	0.915	12697	3086	87	217	35		
361.8385	39:08	39:09	-2	0.915	10549	1992	97	242	21	1.20(1.05-1.43)	
PCB-137											
359.8415	39:20	39:21	-2	0.920	12023	1848	87	217	21		
361.8385	39:21	39:21	-1	0.920	9051	2126	97	242	22	1.33(1.05-1.43)	
PCB-164											
359.8415	39:28	39:28	-1	0.923	14498	3276	87	217	38		
361.8385	39:28	39:28	-2	0.923	11921	2332	97	242	24	1.22(1.05-1.43)	
PCB-129											
359.8415	39:46	39:47	-2	0.930	215271	38664	87	217	444		
361.8385	39:46	39:47	-2	0.930	163897	29585	97	242	305	1.31(1.05-1.43)	
PCB-138 (C129)											
359.8415	39:46	39:47	-2	0.930	215271	38664	87	217	444		
361.8385	39:46	39:47	-2	0.930	163897	29585	97	242	305	1.31(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-160 (C129)											
359.8415	39:46	39:47	-2	0.930	215271	38664	87	217	444		
361.8385	39:46	39:47	-2	0.930	163897	29585	97	242	305	1.31(1.05-1.43)	
PCB-163 (C129)											
359.8415	39:46	39:47	-2	0.930	215271	38664	87	217	444		
361.8385	39:46	39:47	-2	0.930	163897	29585	97	242	305	1.31(1.05-1.43)	
PCB-158											
359.8415	40:09	40:10	-2	0.939	26222	4828	87	217	55		
361.8385	40:09	40:10	-2	0.939	20583	3905	97	242	40	1.27(1.05-1.43)	
PCB-128											
359.8415	41:01	41:00	0	0.959	39350	6960	87	217	80		
361.8385	41:01	41:00	0	0.959	32041	5495	97	242	57	1.23(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:01	41:00	0	0.959	39350	6960	87	217	80		
361.8385	41:01	41:00	0	0.959	32041	5495	97	242	57	1.23(1.05-1.43)	
PCB-159											
359.8415	42:01	42:01	-1	0.982	40564	7905	87	217	91		
361.8385	42:01	42:01	-1	0.983	35212	6321	97	242	65	1.15(1.05-1.43)	
PCB-162											
359.8415	42:18						87	217			
361.8385	42:18						97	242			
PCB-167											M
359.8415	42:47	42:46	0	1.001	8846	1572	87	217	18		
361.8385	42:46	42:46	-1	1.000	8451	1599	97	242	16	1.05(1.05-1.43)	M
PCB-156											
359.8415	43:54	43:55	-2	1.000	26559	4689	87	217	54		
361.8385	43:55	43:55	-2	1.000	22997	4208	97	242	43	1.15(1.05-1.43)	
PCB-157 (C156)											
359.8415	43:54	43:55	-2	1.000	26559	4689	87	217	54		
361.8385	43:55	43:55	-2	1.000	22997	4208	97	242	43	1.15(1.05-1.43)	
PCB-169											
359.8415	47:10						87	217			
361.8385	47:10						97	242			
PCB-188L											
405.8428	37:10	37:10	-1	0.820	2541695	493283	44	110	11211		
407.8398	37:10	37:10	-1	0.820	2383048	454513	37	92	12284	1.07(0.89-1.21)	
PCB-178L											
405.8428	40:13						44	110			
407.8398	40:13						37	92			
PCB-180L											
405.8428	45:18	45:18	-1		2015945	379960	44	110	8635		
407.8398	45:18	45:18	-1		1826366	342031	37	92	9244	1.10(0.89-1.21)	
PCB-170L											
405.8428	46:33	46:34	-1	1.028	1598237	292662	44	110	6651		
407.8398	46:33	46:34	-1	1.028	1493425	273527	37	92	7393	1.07(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-189L											
405.8428	49:40	49:41	-1	1.097	2981308	543852	2167	5417	251		
407.8398	49:40	49:41	-1	1.097	2844699	517135	1334	3335	388	1.05(0.89-1.21)	
PCB-188											
393.8025	37:11						17	42			
395.7995	37:11						91	227			
PCB-179											
393.8025	37:32						17	42			
395.7995	37:32						91	227			
PCB-184											
393.8025	38:02	38:02	-1	1.024	9846008	1857967	17	42	109292		
395.7995	38:02	38:02	-1	1.024	9298080	1764673	91	227	19392	1.06(0.89-1.21)	
PCB-176											
393.8025	38:24						17	42			
395.7995	38:24						91	227			
PCB-186											
393.8025	38:51						17	42			
395.7995	38:51						91	227			
PCB-178											
393.8025	40:15						17	42			
395.7995	40:15						91	227			
PCB-175											
393.8025	40:52						17	42			
395.7995	40:52						91	227			
PCB-187											
393.8025	41:08						17	42			
395.7995	41:08						91	227			
PCB-182											
393.8025	41:20						17	42			
395.7995	41:20						91	227			
PCB-183											
393.8025	41:45						17	42			
395.7995	41:45						91	227			
PCB-185 (C183)											
393.8025	41:45						17	42			
395.7995	41:45						91	227			
PCB-174											
393.8025	41:59						17	42			
395.7995	41:59						91	227			
PCB-177											
393.8025	42:25						17	42			
395.7995	42:25						91	227			
PCB-181											
393.8025	42:49						17	42			
395.7995	42:49						91	227			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-171											
393.8025	43:02						17	42			
395.7995	43:02						91	227			
PCB-173 (C171)											
393.8025	43:02						17	42			
395.7995	43:02						91	227			
PCB-172											
393.8025	44:41						17	42			
395.7995	44:41						91	227			
PCB-192											
393.8025	44:57	44:58	-1	0.905	30309585	5716549	17	42	336268		
395.7995	44:57	44:58	-1	0.905	28480591	5338545	91	227	58665	1.06(0.89-1.21)	
PCB-180											RQ
393.8025	45:18	45:18	-1	0.912	90384	11549	17	42	679		
	Empc Correction				69473	9926	17	42	584		
395.7995	45:18	45:18	-1	0.912	66165	9454	91	227	104	1.37(0.89-1.21)	
PCB-193 (C180)											RQ
393.8025	45:18	45:18	-1	0.912	90384	11549	17	42	679		
	Empc Correction				69473	9926	17	42	584		
395.7995	45:18	45:18	-1	0.912	66165	9454	91	227	104	1.37(0.89-1.21)	
PCB-191											
393.8025	45:40						17	42			
395.7995	45:40						91	227			
PCB-170											
393.8025	46:35						17	42			
395.7995	46:35						91	227			
PCB-190											
393.8025	47:06						17	42			
395.7995	47:06						91	227			
PCB-189											
393.8025	49:41						152	380			
395.7995	49:41						111	277			
PCB-202L											
439.8038	42:32	42:32	0	0.821	1861723	343221	31	77	11072		
441.8008	42:31	42:32	-1	0.821	2052923	382380	30	75	12746	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:46	51:47	-1		2224106	401054	1390	3475	289		
441.8008	51:46	51:47	-1		2411863	440070	1357	3392	324	0.92(0.76-1.02)	
PCB-205L											
439.8038	52:14	52:15	-2	1.009	2563564	447518	1390	3475	322		
441.8008	52:15	52:15	-1	1.009	2882103	503920	1357	3392	371	0.89(0.76-1.02)	
PCB-202											
427.7635	42:34						41	102			
429.7606	42:34						23	57			
PCB-201											
427.7635	43:29						41	102			
429.7606	43:29						23	57			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-204											
427.7635	44:08	44:09	-1	1.038	13369748	2563652	41	102	62528		
429.7606	44:08	44:09	-1	1.038	14664040	2800673	23	57	121768	0.91(0.76-1.02)	
PCB-197											
427.7635	44:22	44:25	-1	1.043	128718	18839	41	102	459		
429.7606	44:22	44:25	-1	1.043	146824	20247	23	57	880	0.88(0.76-1.02)	
PCB-200											
427.7635	44:30						41	102			
429.7606	44:30						23	57			
PCB-198											
427.7635	47:17						41	102			
429.7606	47:17						23	57			
PCB-199 (C198)											
427.7635	47:17						41	102			
429.7606	47:17						23	57			
PCB-196											
427.7635	47:55						41	102			
429.7606	47:55						23	57			
PCB-203											
427.7635	48:07						41	102			
429.7606	48:07						23	57			
PCB-195											U
427.7635	49:28						40	100			
429.7606	49:28						54	135			
PCB-194											RQM
427.7635	51:49	51:50	0	0.992	2158	546	40	100	14		M
	Empc Correction				1237	512	40	100	13		
429.7606	51:50	51:50	1	0.992	1391	576	54	135	11	1.55(0.76-1.02)	M
PCB-205											RQM
427.7635	52:16	52:17	-2	1.000	3361	660	40	100	17		M
429.7606	52:17	52:17	0	1.001	4776	943	54	135	17	0.70(0.76-1.02)	M
	Empc Correction				3776	741	54	135	14		
PCB-208L											
473.7648	49:12	49:13	-1	0.950	2222683	403286	1256	3140	321		
475.7619	49:12	49:13	-1	0.950	2779721	510249	1816	4540	281	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:00	54:00	-1	1.043	1624986	298406	1256	3140	238		
475.7619	54:00	54:00	-1	1.043	2038551	358835	1816	4540	198	0.80(0.65-0.89)	
PCB-208											
461.7246	49:13						79	197			
463.7216	49:13						220	550			
PCB-207											
461.7246	50:09	50:12	-1	1.019	58079	10552	79	197	134		
463.7216	50:09	50:12	-1	1.019	66079	14483	220	550	66	0.88(0.65-0.89)	
PCB-206											
461.7246	54:02						79	197			
463.7216	54:02						220	550			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-209L											
507.7258	55:38	55:39	-1	1.075	1646260	282585	71	177	3980		
509.7229	55:38	55:39	-1	1.075	2286278	385790	57	142	6768	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:39	55:44	-2	1.000	52345	9059	22	55	412		
497.6826	55:39	55:44	-2	1.000	76390	12557	22	55	571	0.69(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

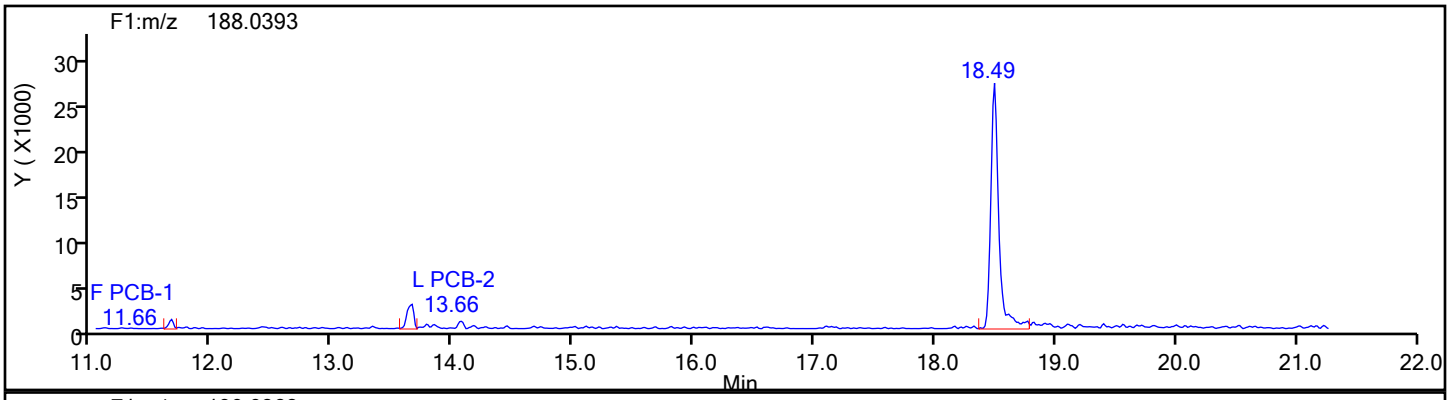
Report Date: 05-Jan-2024 00:45:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

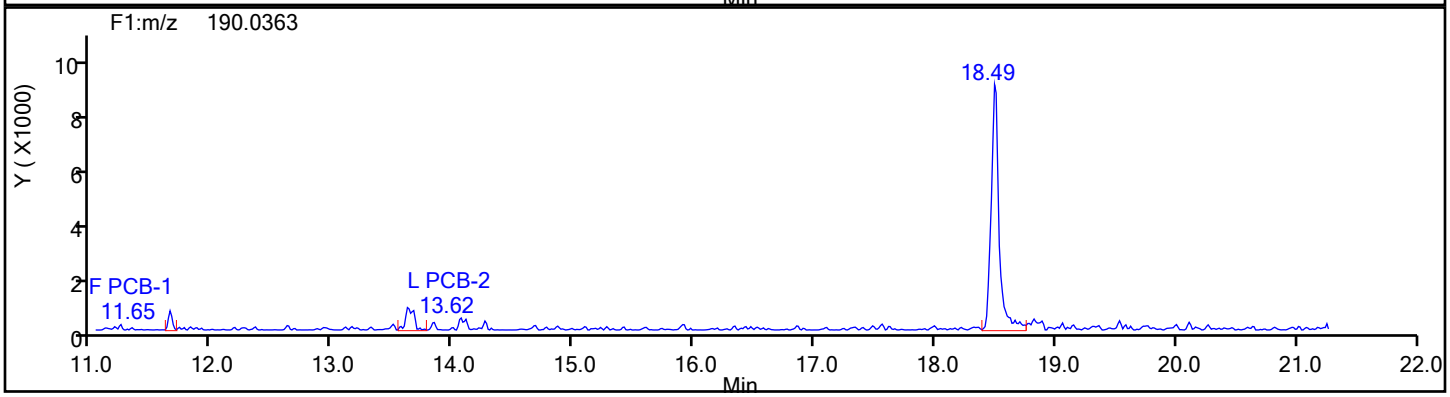
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

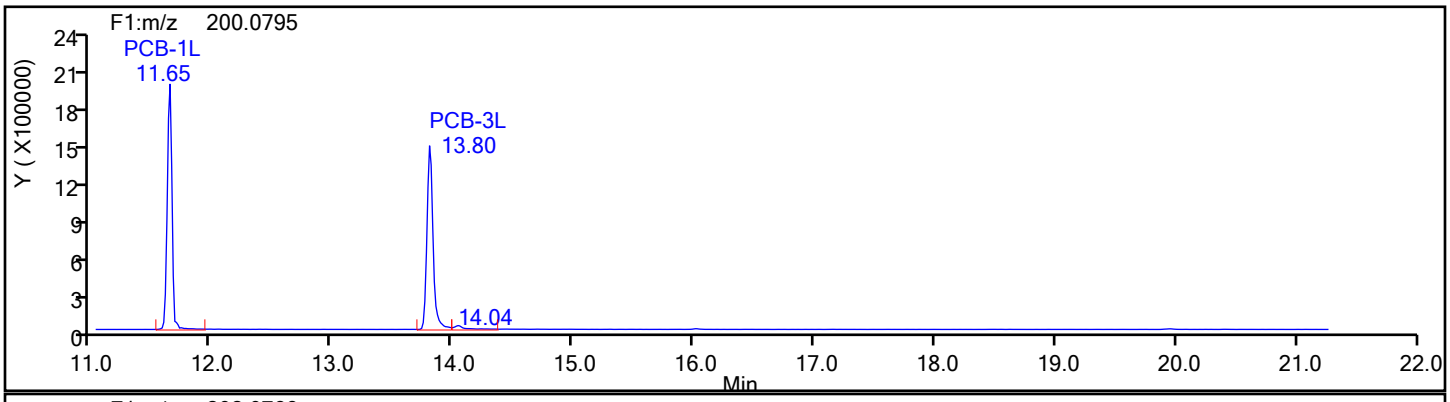
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

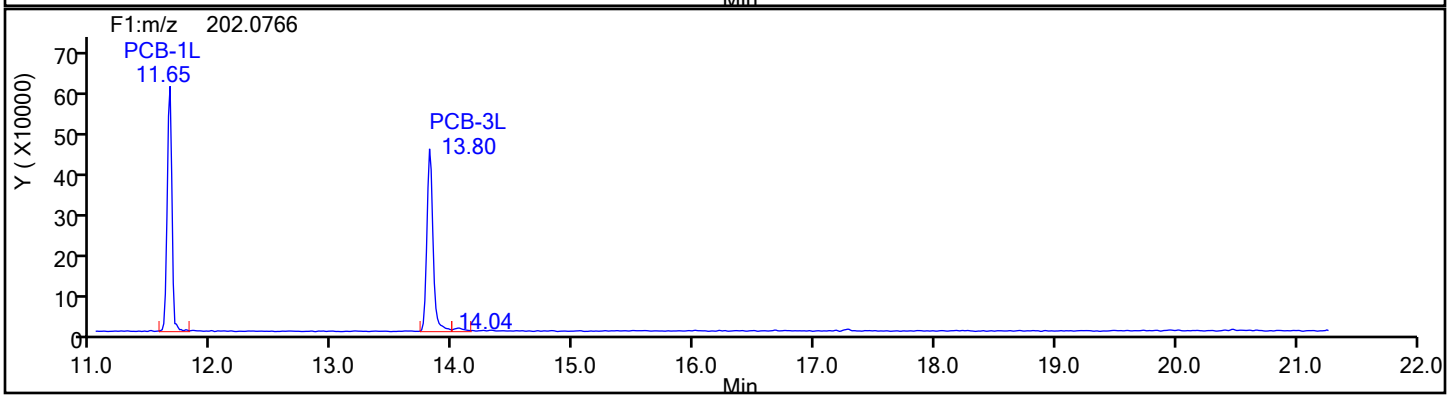
MoPCB F1





MoPCB F1 Standards



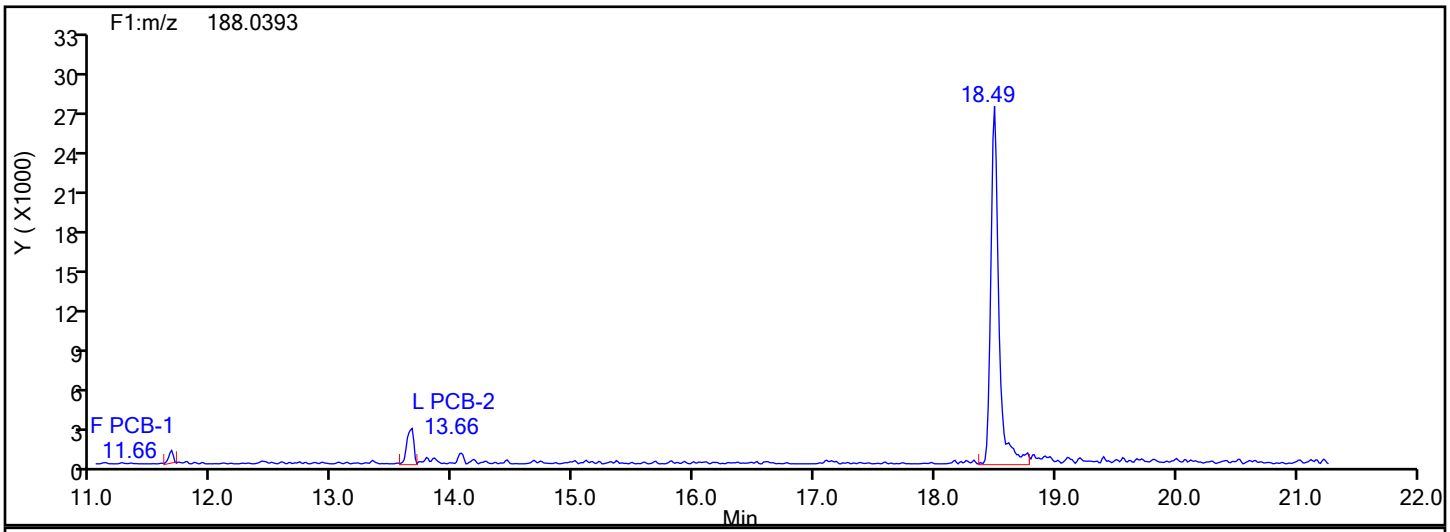


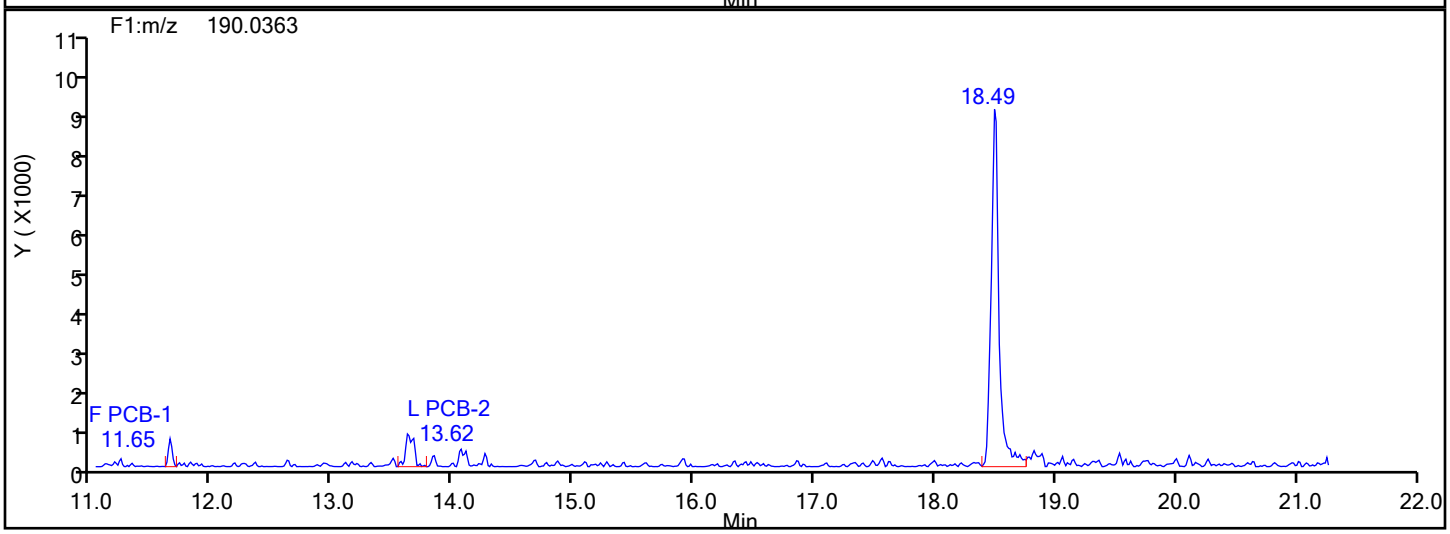
Report Date: 05-Jan-2024 00:45:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

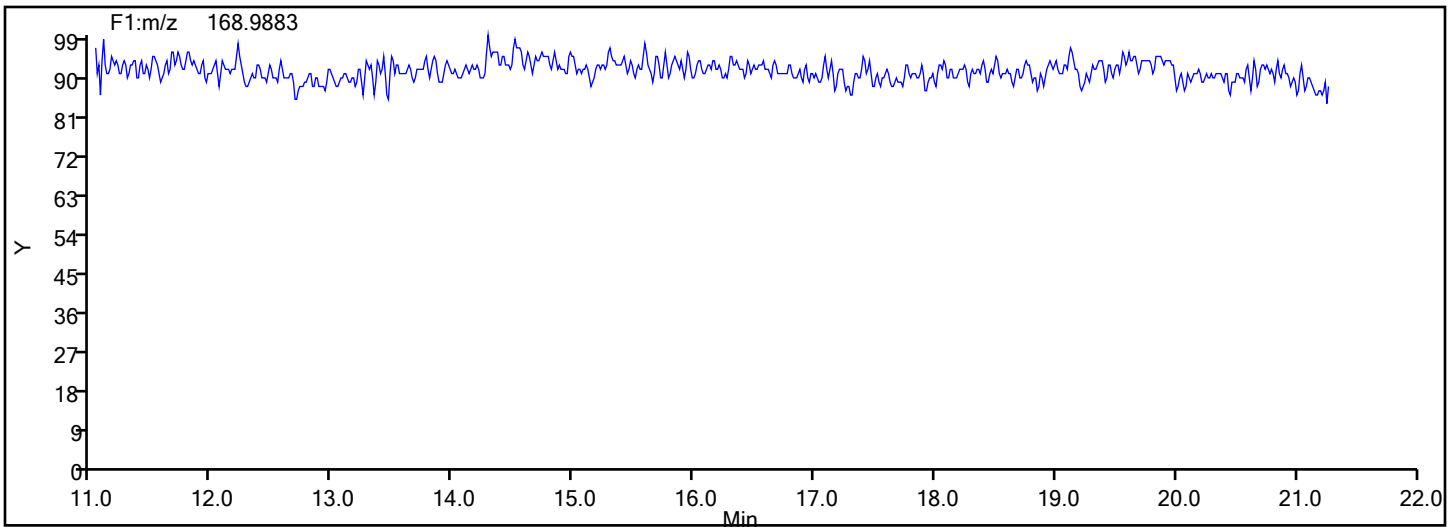
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

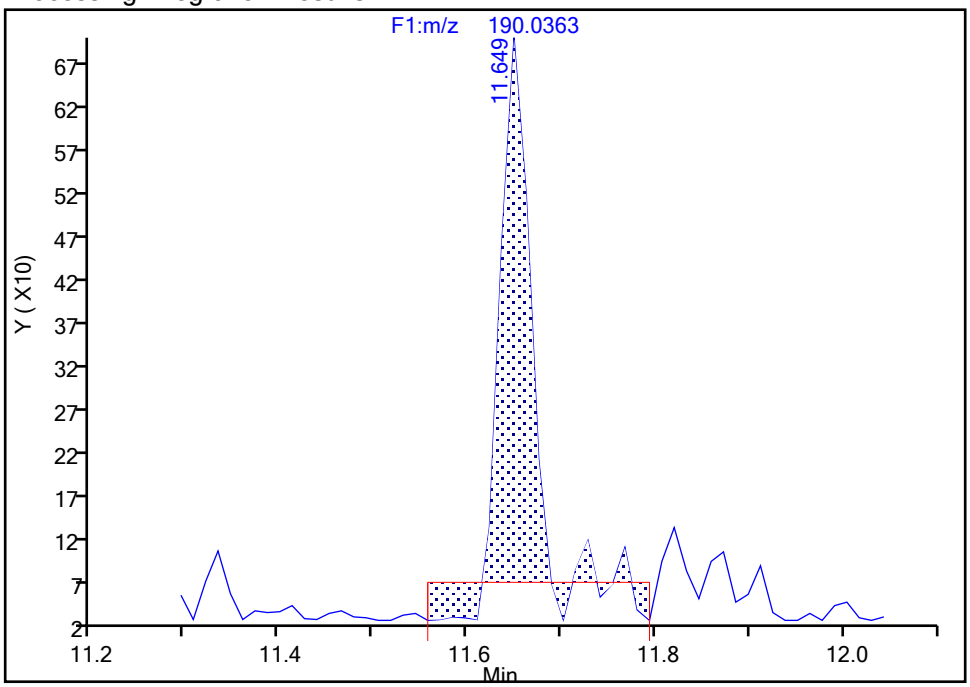
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-1, CAS: 2051-60-7

Signal: 2

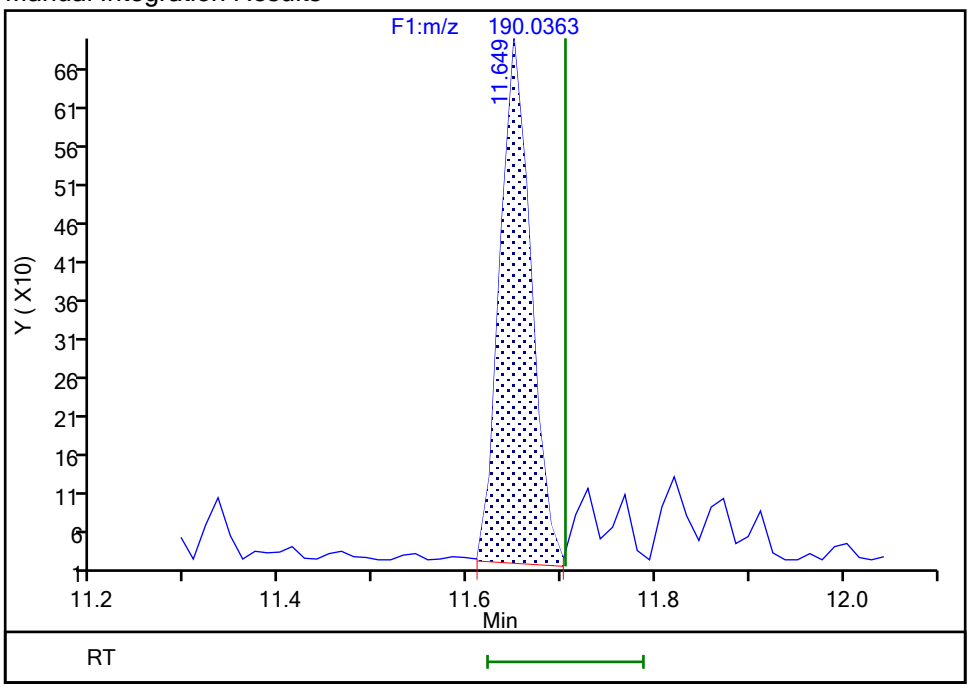
Processing Integration Results

RT: 11.65
Area: 1154
Amount: 0.042894
Amount Units: pg/ul



Manual Integration Results

RT: 11.65
Area: 1550
Amount: 0.047526
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:10:59 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

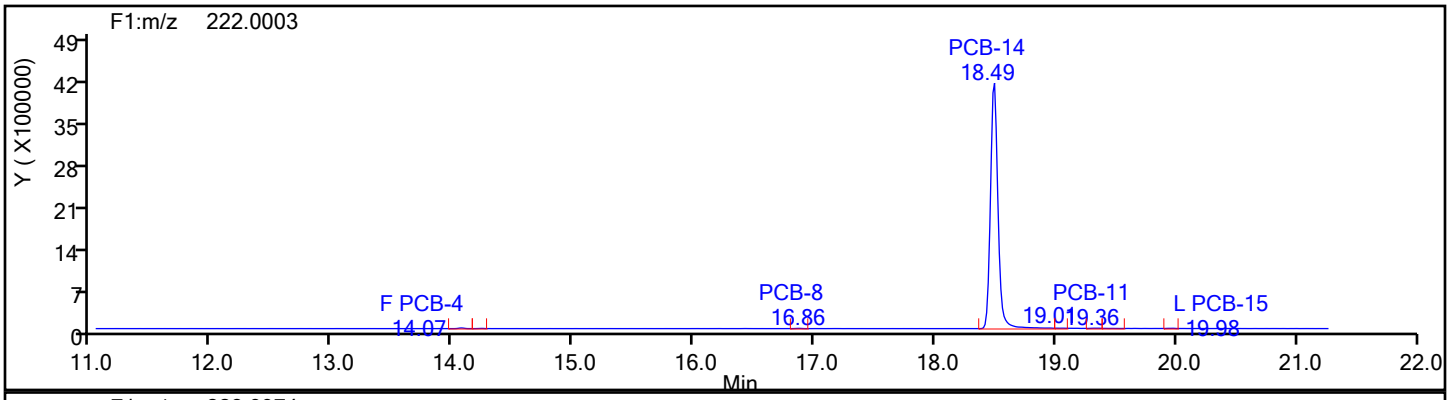
Report Date: 05-Jan-2024 00:45:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

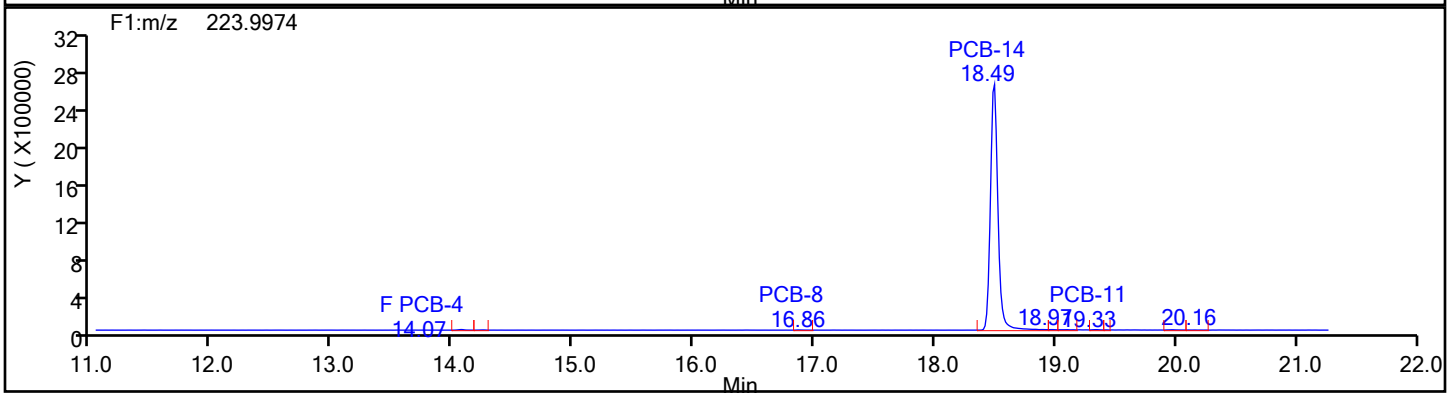
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

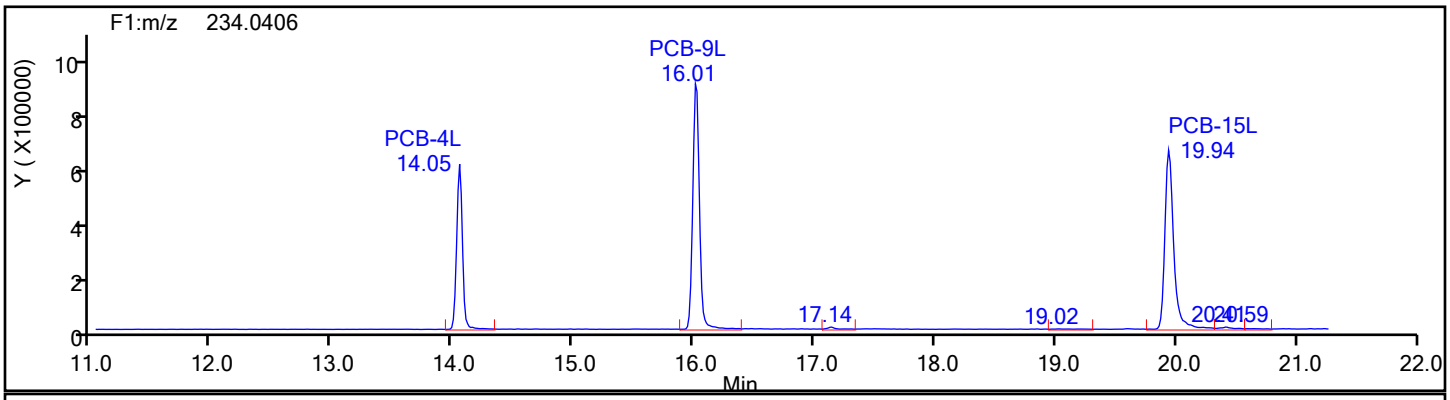
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

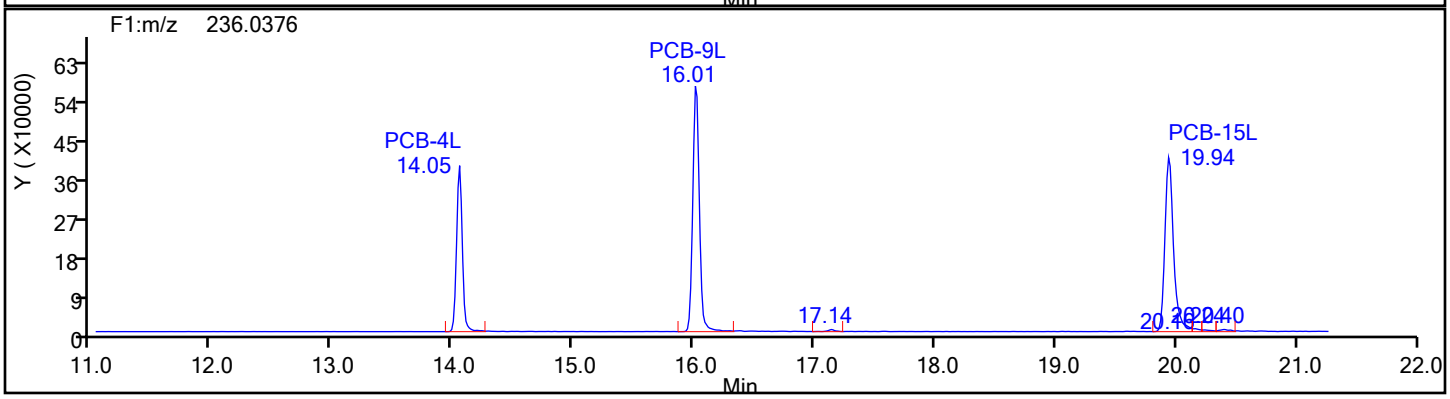
DiPCB F1





DiPCB F1 Standards



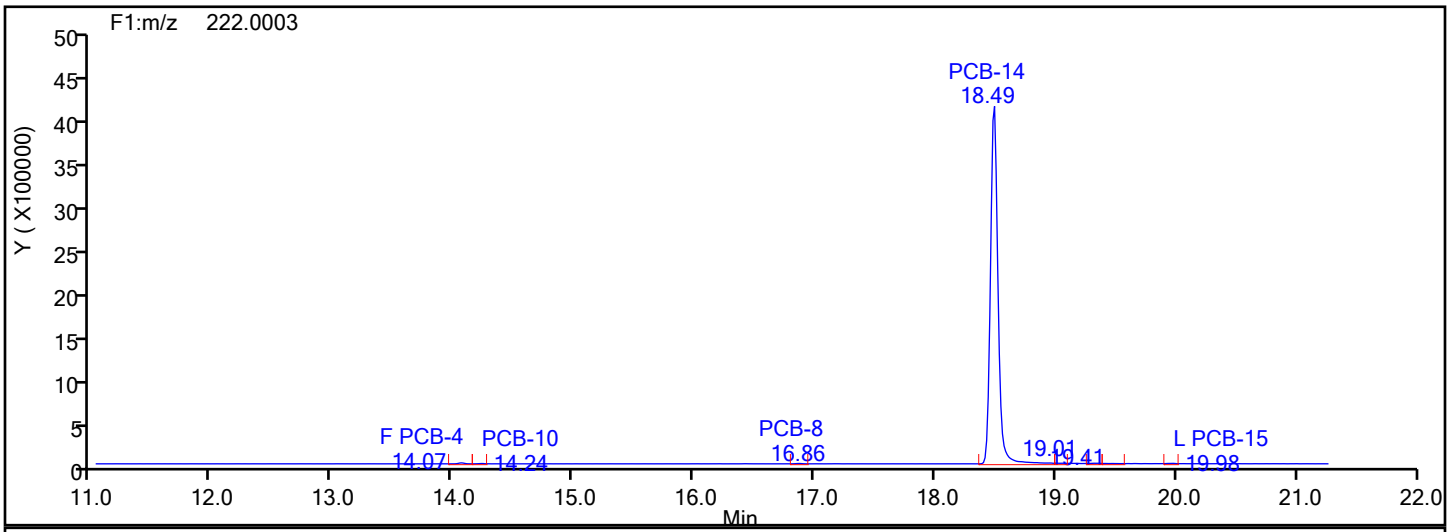


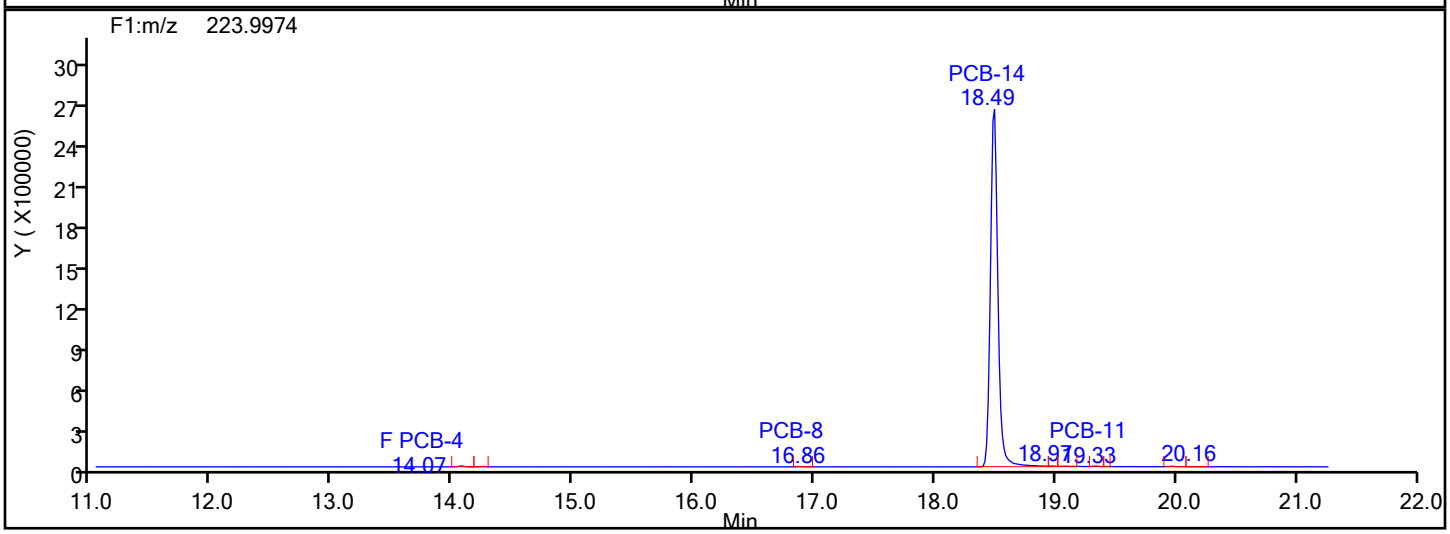
Report Date: 05-Jan-2024 00:45:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

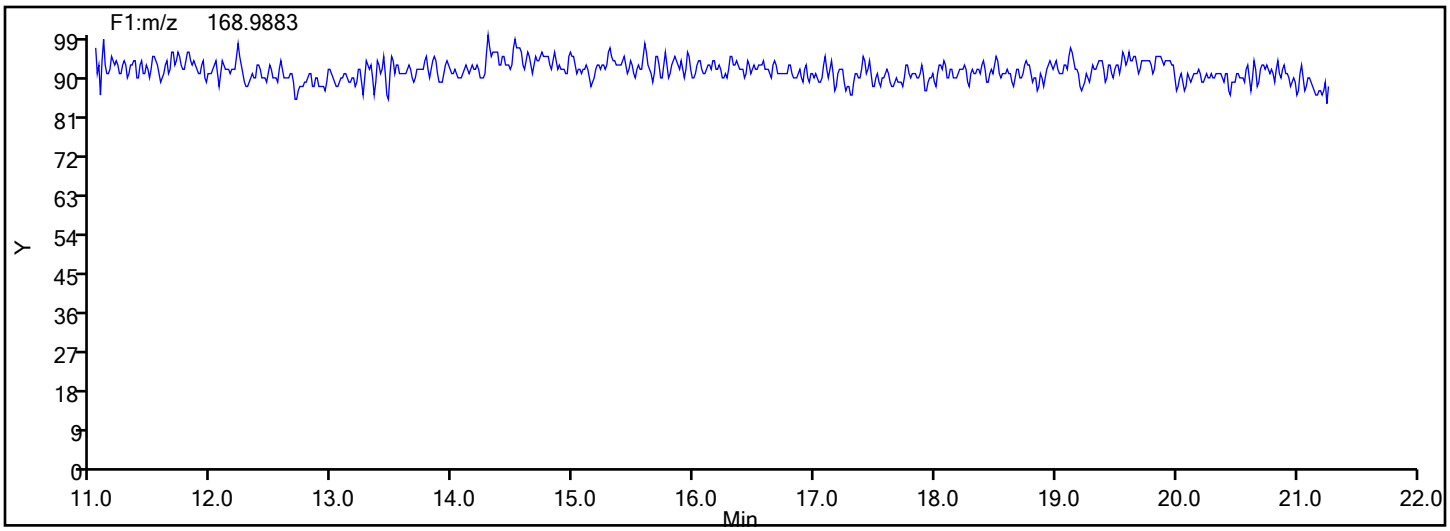
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

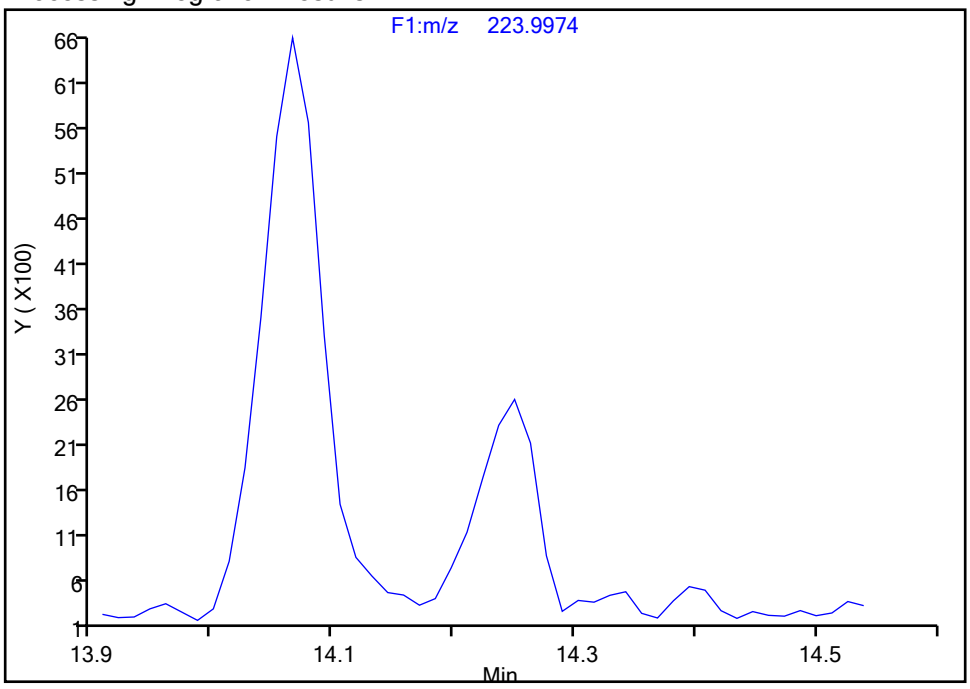
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-10, CAS: 33146-45-1

Signal: 2

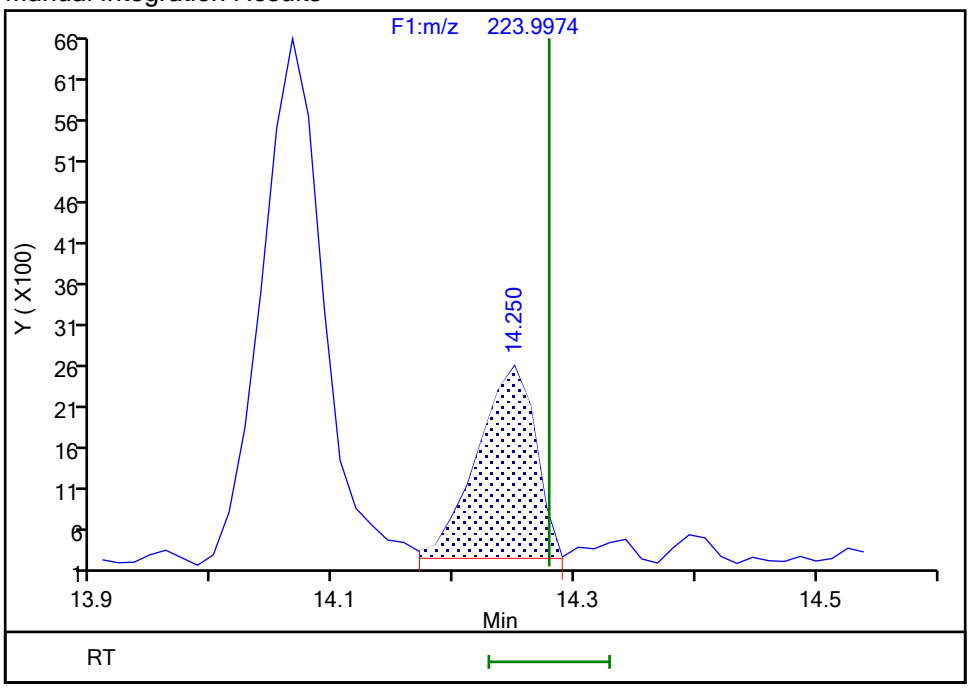
Not Detected
Expected RT: 14.28

Processing Integration Results



Manual Integration Results

RT: 14.25
Area: 7822
Amount: 0.400056
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:11:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

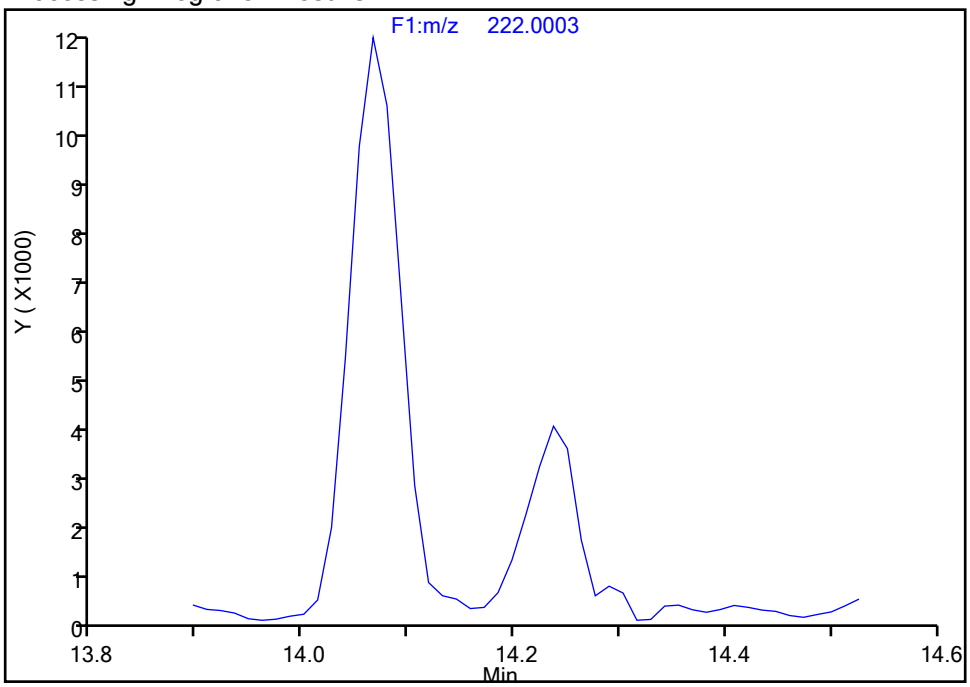
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d
Injection Date: 04-Jan-2024 18:06:00 Instrument ID: D2D
Lims ID: 140-34509-A-6-B Lab Sample ID: 140-34509-6
Client ID: PW-03-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-10, CAS: 33146-45-1

Signal: 1

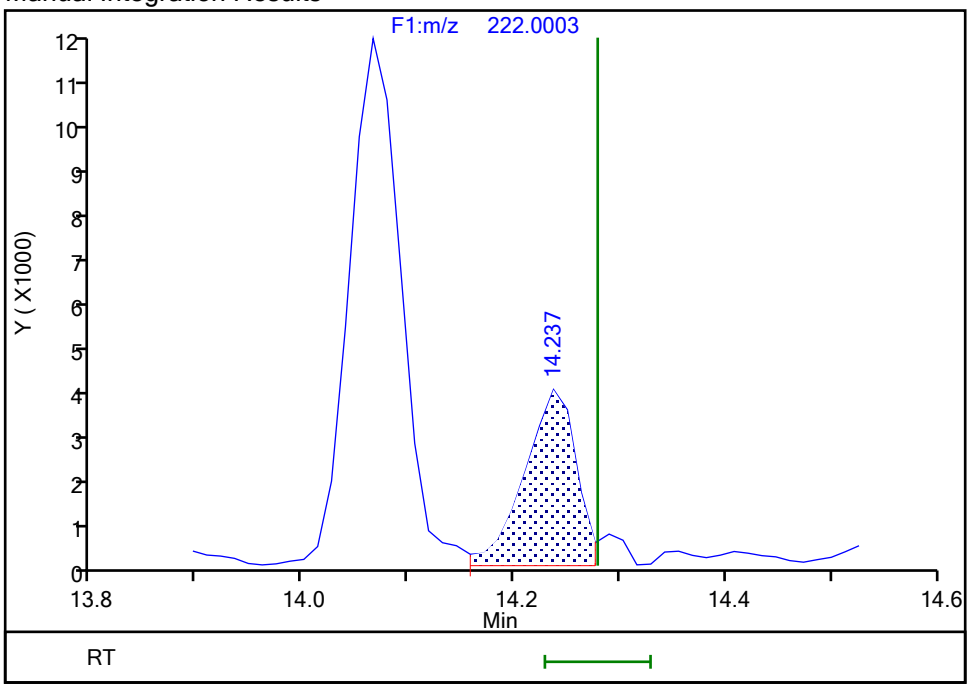
Not Detected
Expected RT: 14.28

Processing Integration Results



Manual Integration Results

RT: 14.24
Area: 12426
Amount: 0.400056
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:11:35 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

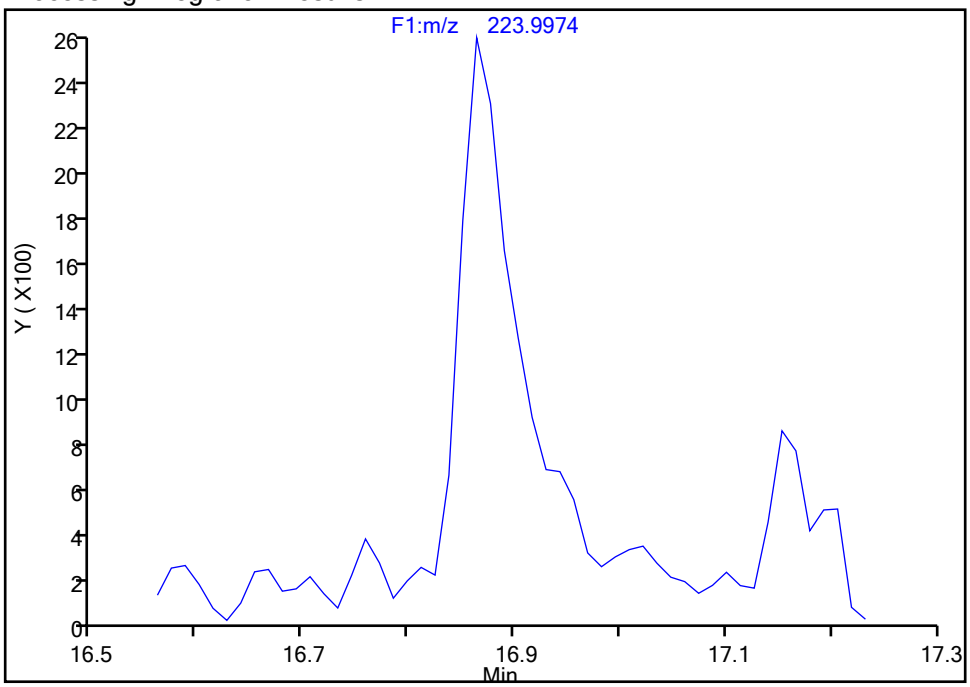
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-8, CAS: 34883-43-7

Signal: 2

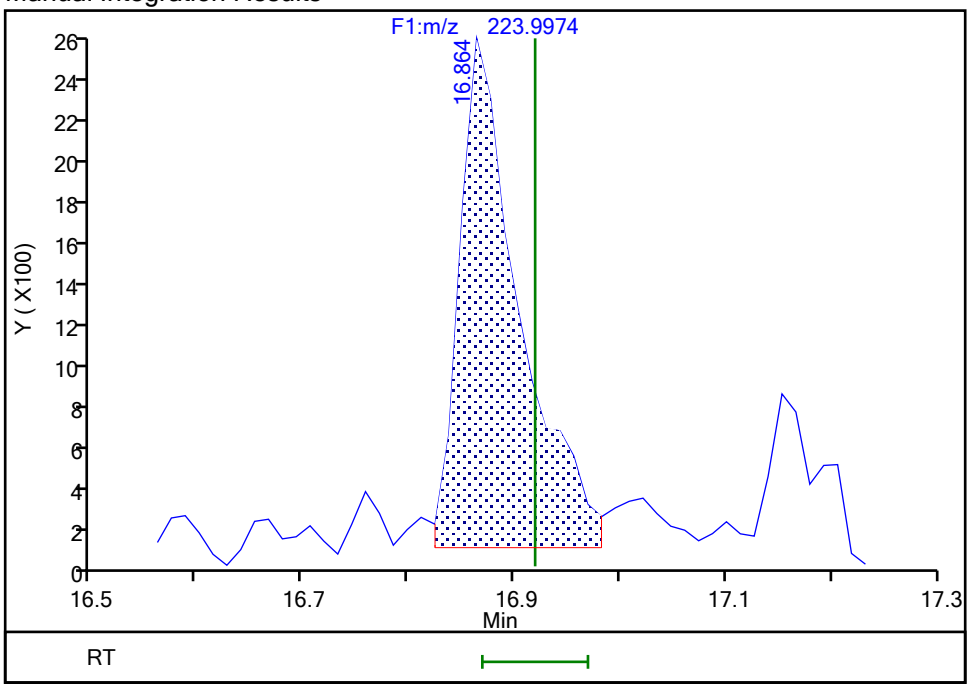
Not Detected
Expected RT: 16.92

Processing Integration Results



Manual Integration Results

RT: 16.86
Area: 9517
Amount: 0.374883
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:11:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

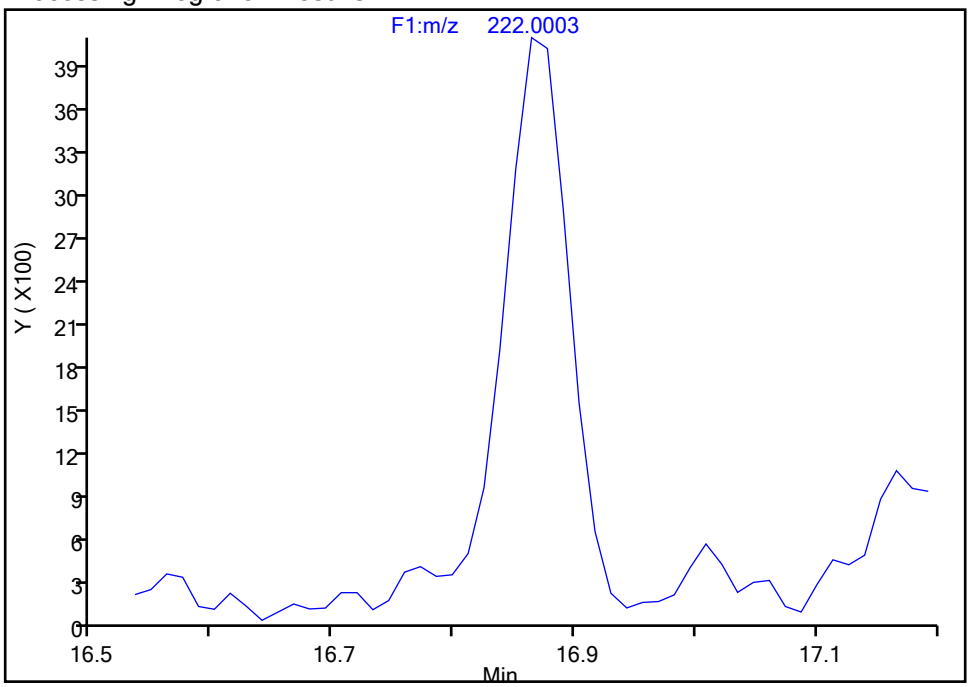
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d
Injection Date: 04-Jan-2024 18:06:00 Instrument ID: D2D
Lims ID: 140-34509-A-6-B Lab Sample ID: 140-34509-6
Client ID: PW-03-DUP
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 10
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-8, CAS: 34883-43-7

Signal: 1

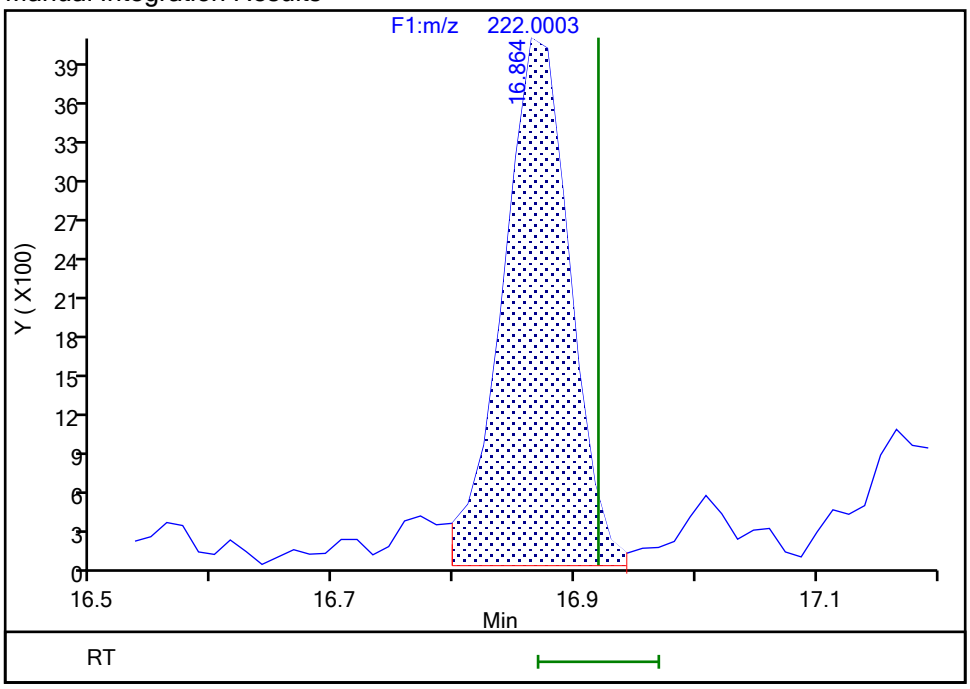
Not Detected
Expected RT: 16.92

Processing Integration Results



Manual Integration Results

RT: 16.86
Area: 15482
Amount: 0.374883
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:11:51 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

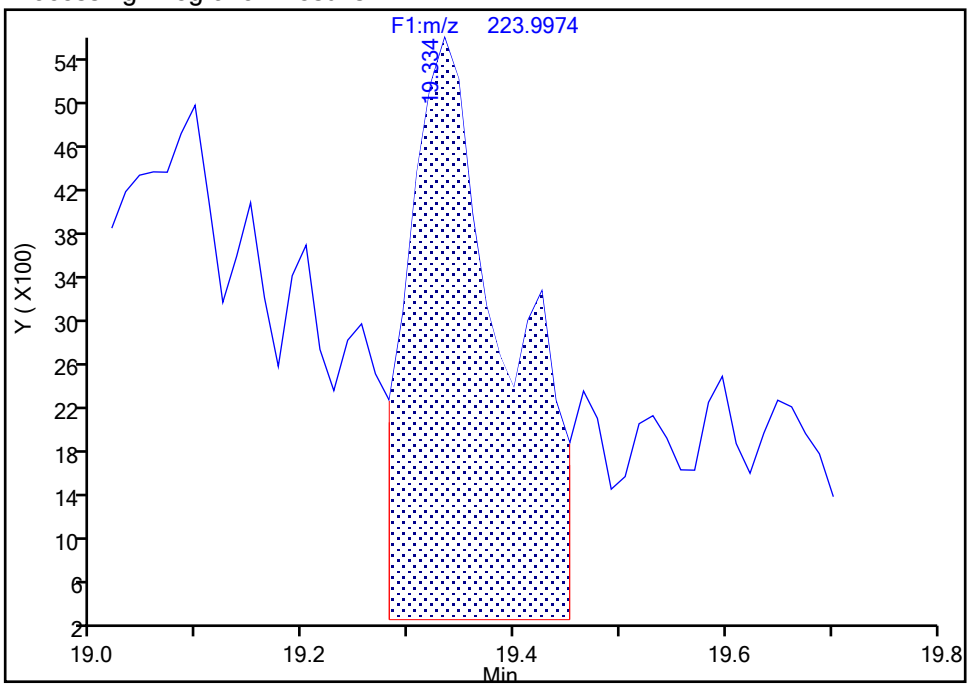
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 2

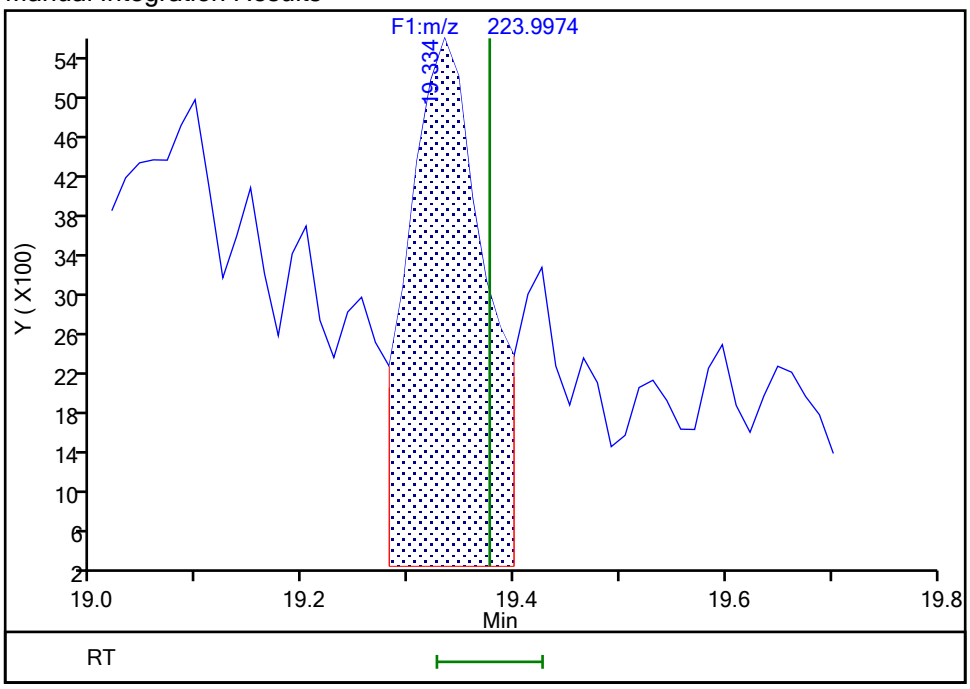
Processing Integration Results

RT: 19.33
Area: 33384
Amount: 1.206173
Amount Units: pg/ul



Manual Integration Results

RT: 19.33
Area: 25852
Amount: 1.087041
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:12:02 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

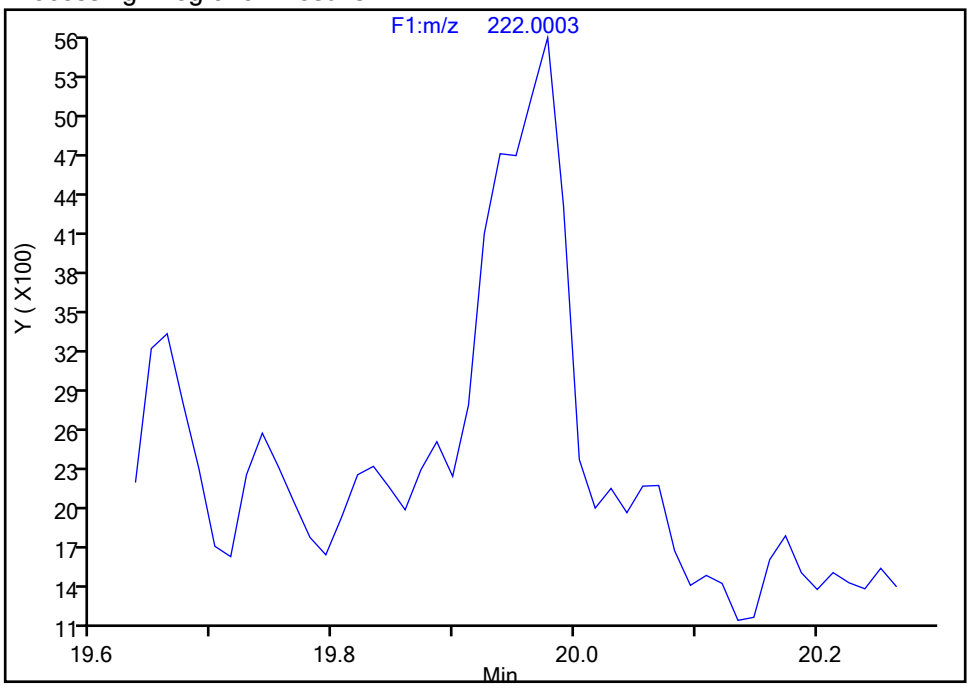
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-15, CAS: 2050-68-2

Signal: 1

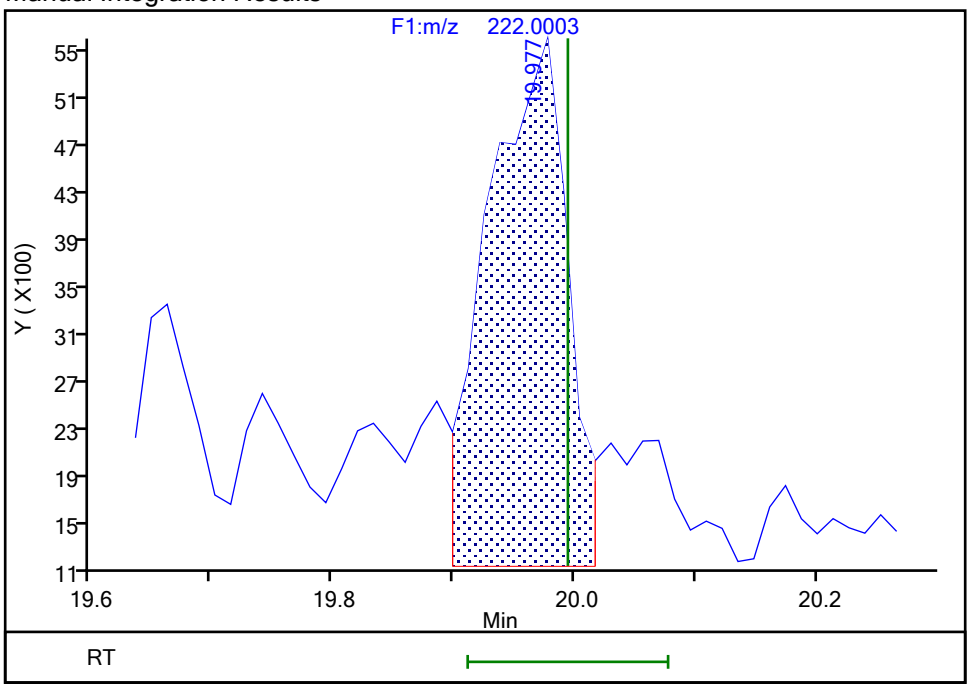
Not Detected
Expected RT: 19.99

Processing Integration Results



Manual Integration Results

RT: 19.98
Area: 19883
Amount: 0.620419
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:12:22 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

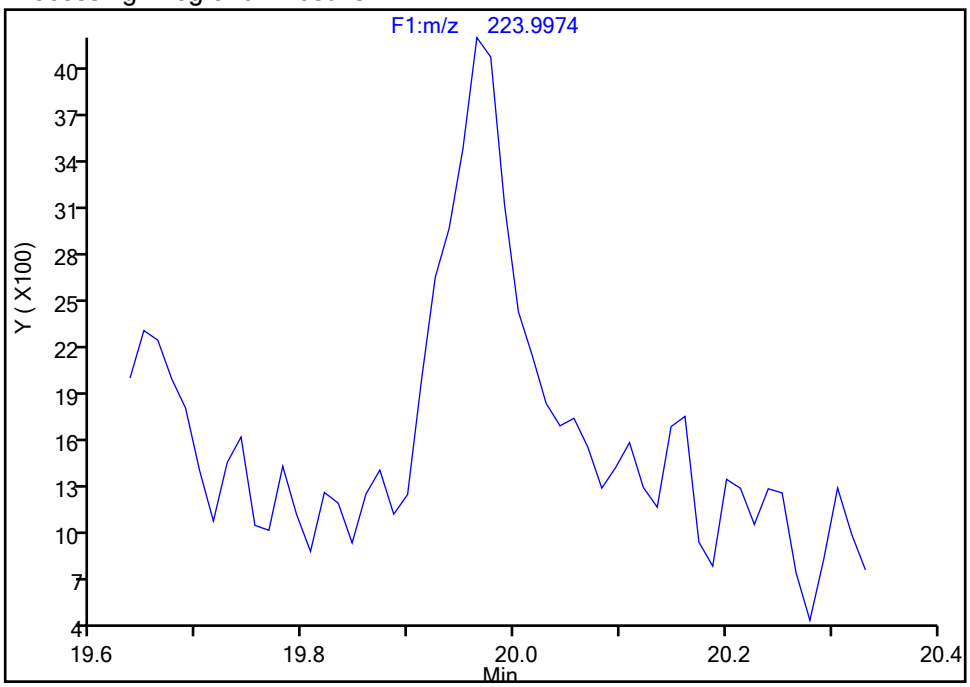
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-15, CAS: 2050-68-2

Signal: 2

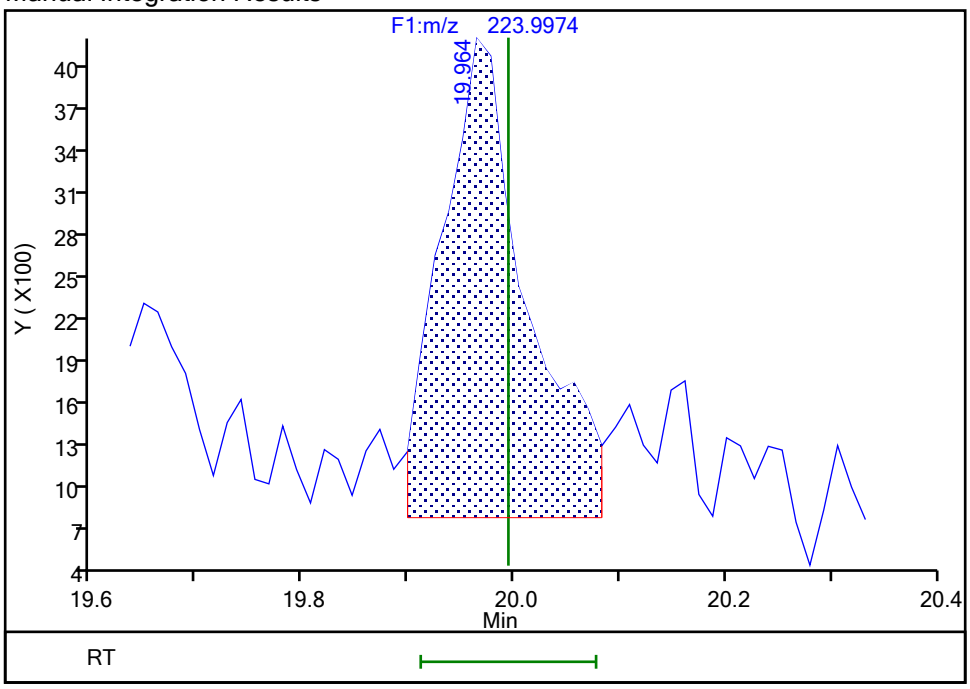
Not Detected
Expected RT: 19.99

Processing Integration Results



Manual Integration Results

RT: 19.96
Area: 18517
Amount: 0.620419
Amount Units: pg/ul



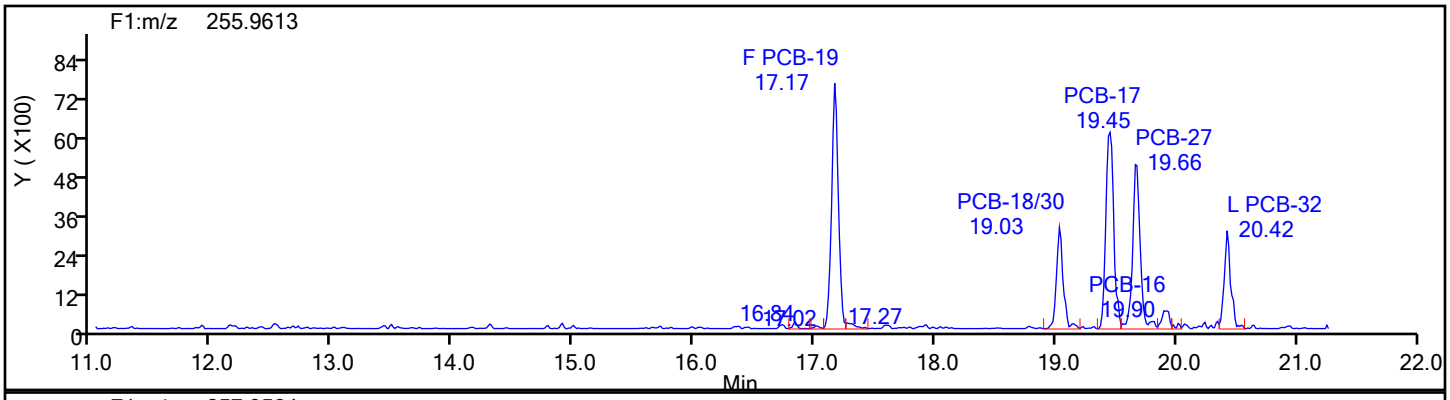
Reviewer: V4XA, 05-Jan-2024 00:12:30 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

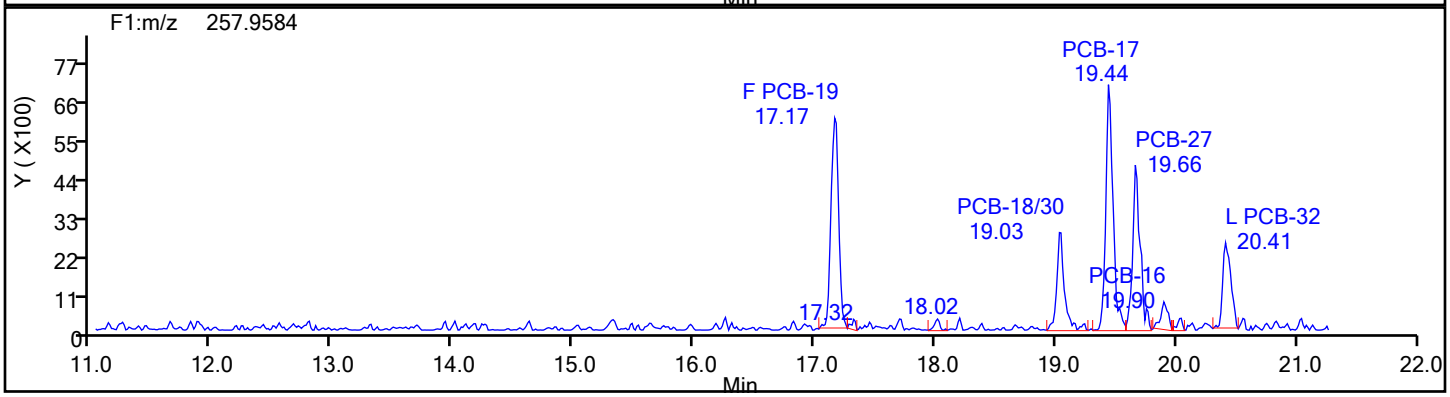
Report Date: 05-Jan-2024 00:45:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

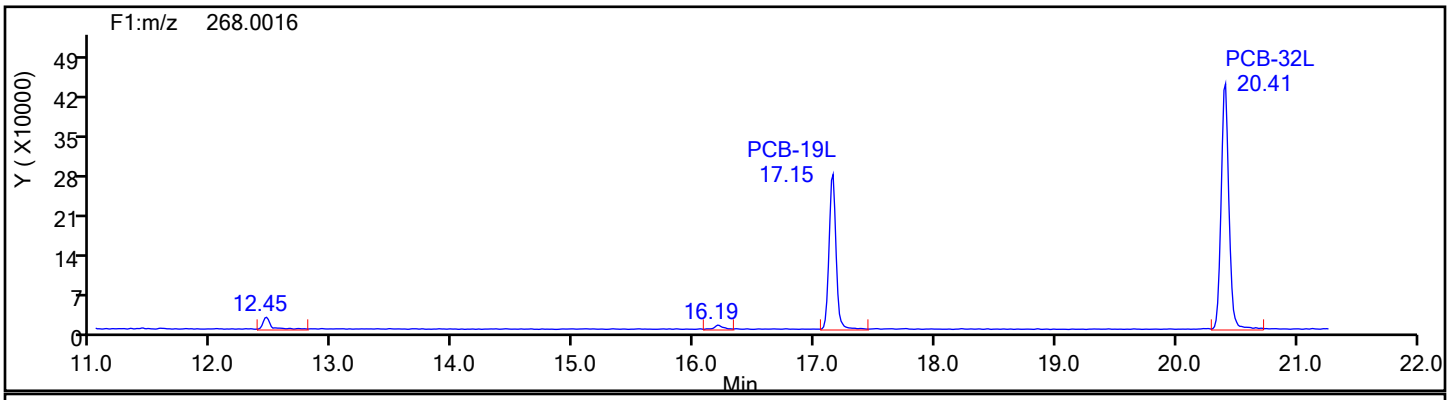
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d
Injection Date: 04-Jan-2024 18:06:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-03-DUP
Worklist#: 82009 Sample Line#: 10
Column Type: Column Dia:

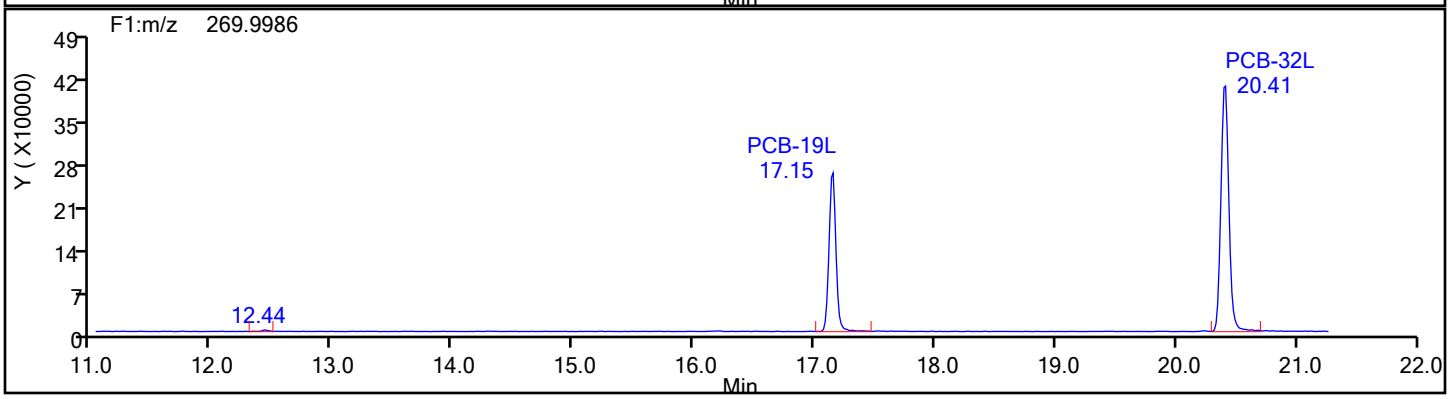
TriPCB F1





TriPCB F1 Standards





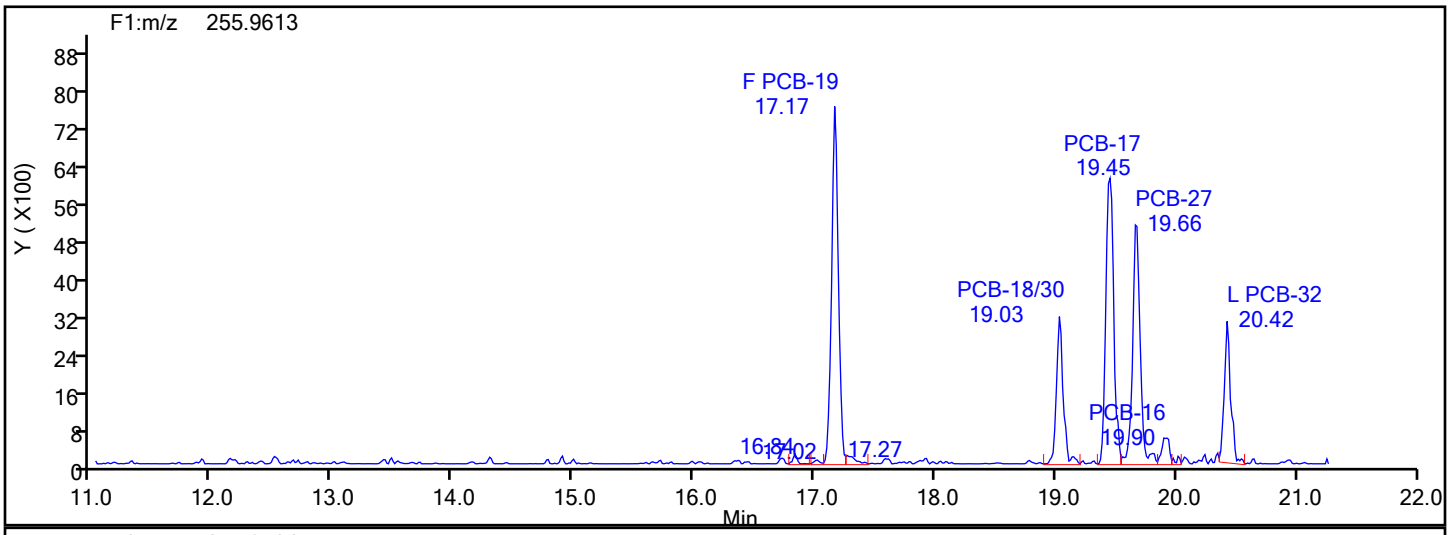
Report Date: 05-Jan-2024 00:45:49 Chrom Revision: 2.3 15-Nov-2023 20:54:34

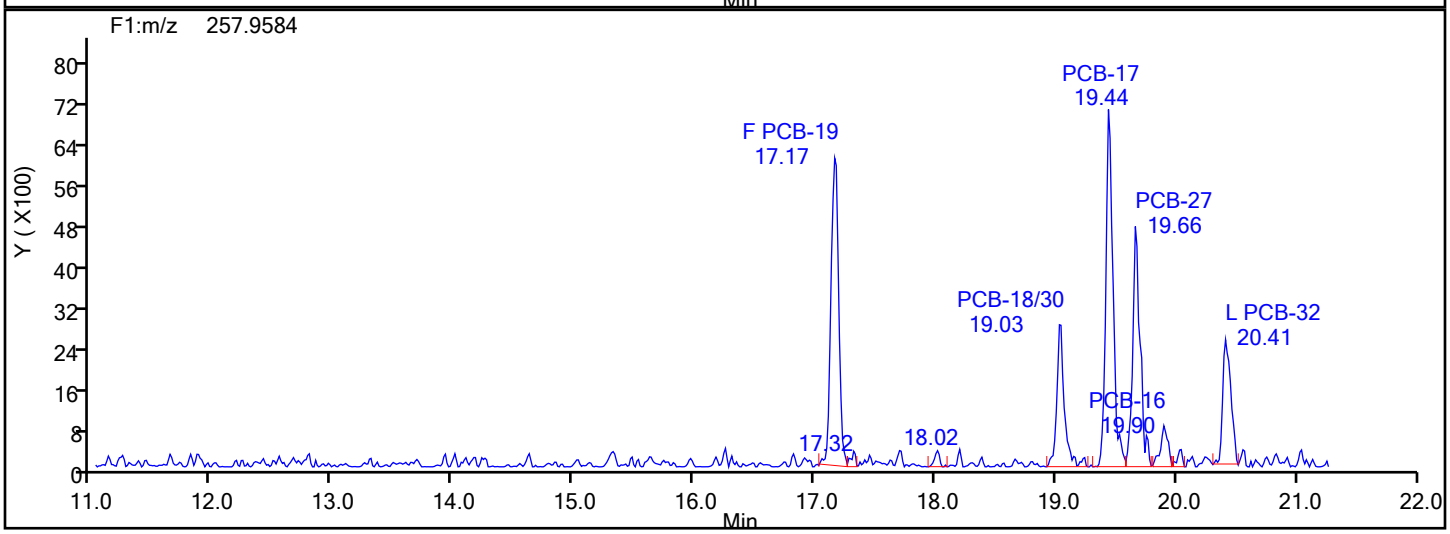
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

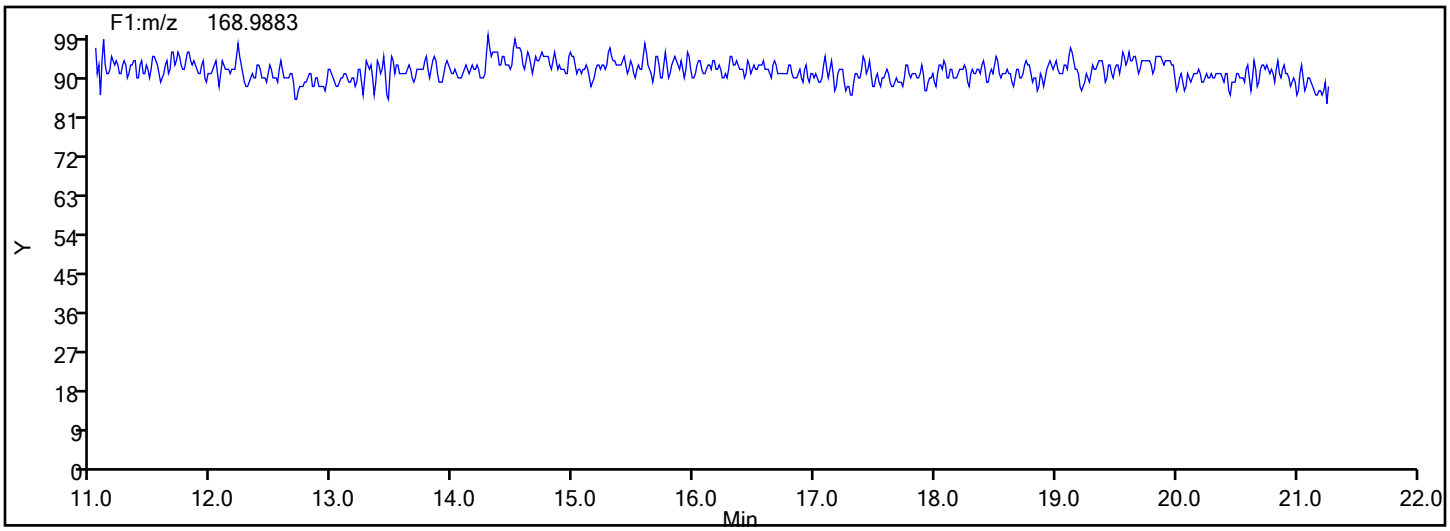
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

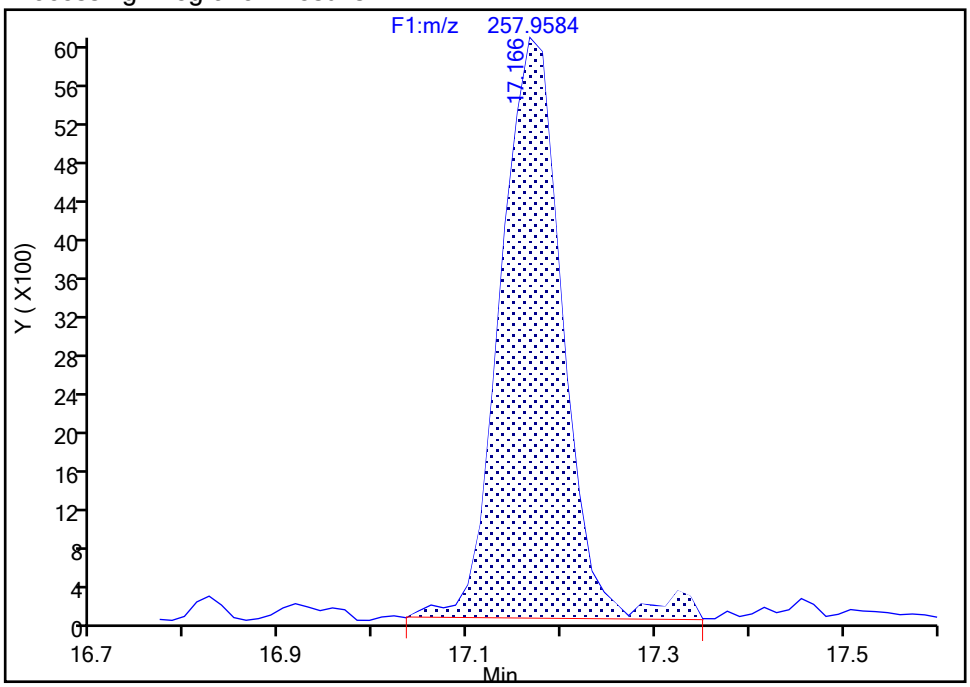
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-19, CAS: 38444-73-4

Signal: 2

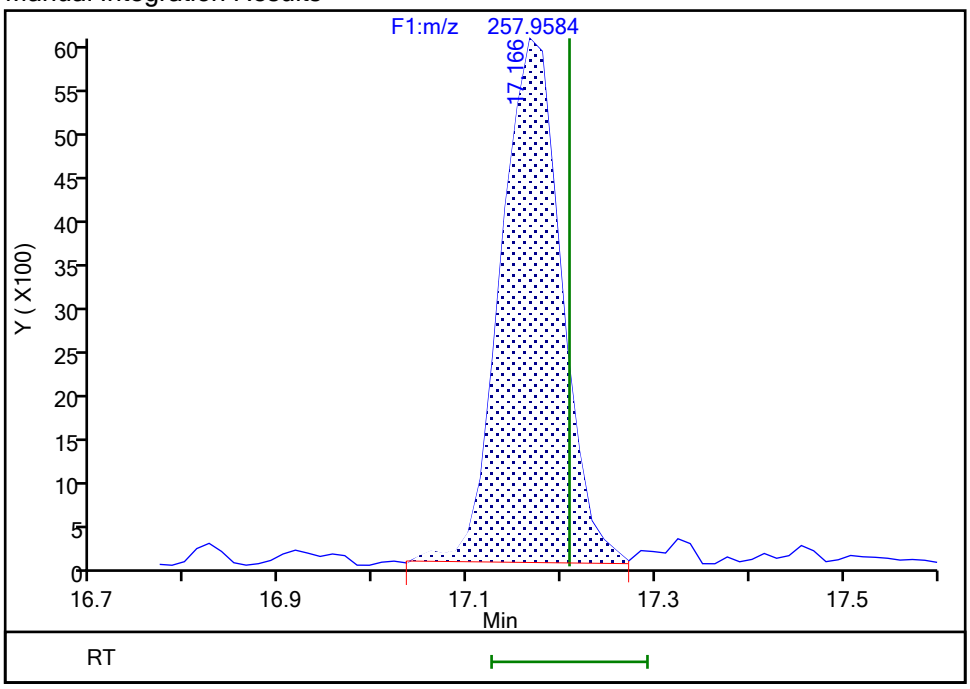
Processing Integration Results

RT: 17.17
Area: 27669
Amount: 2.091856
Amount Units: pg/ul



Manual Integration Results

RT: 17.17
Area: 26939
Amount: 2.025499
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:13:16 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

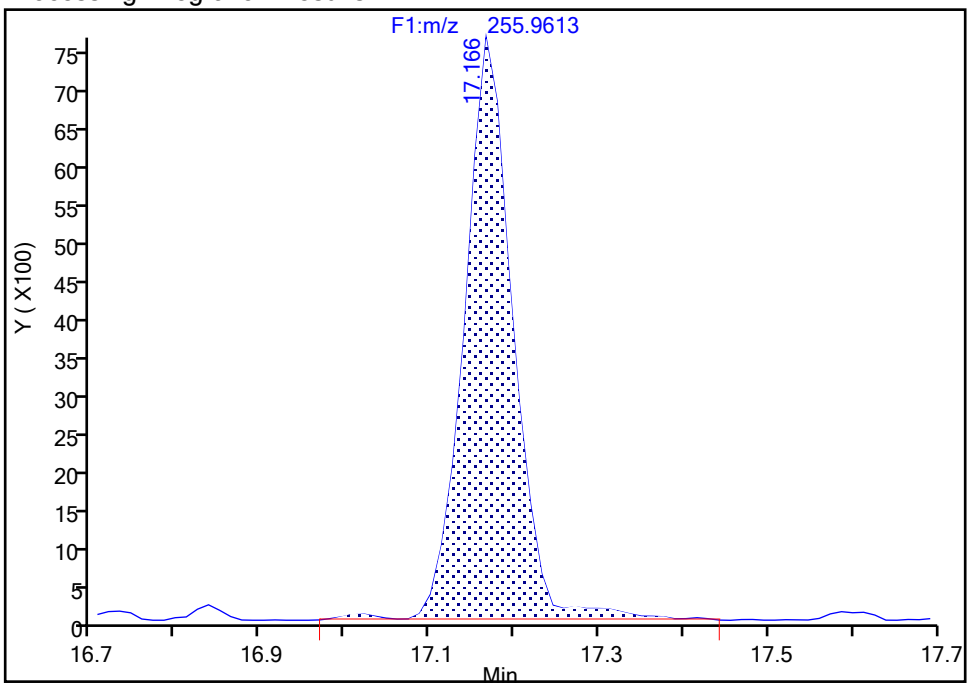
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-19, CAS: 38444-73-4

Signal: 1

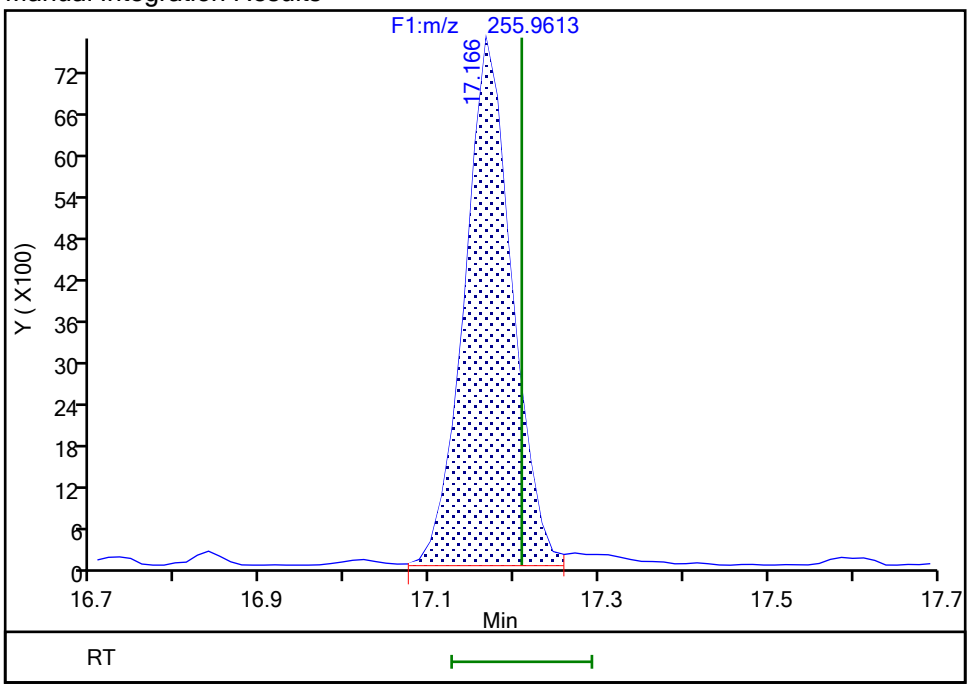
Processing Integration Results

RT: 17.17
Area: 30746
Amount: 2.091856
Amount Units: pg/ul



Manual Integration Results

RT: 17.17
Area: 29623
Amount: 2.025499
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:13:17 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

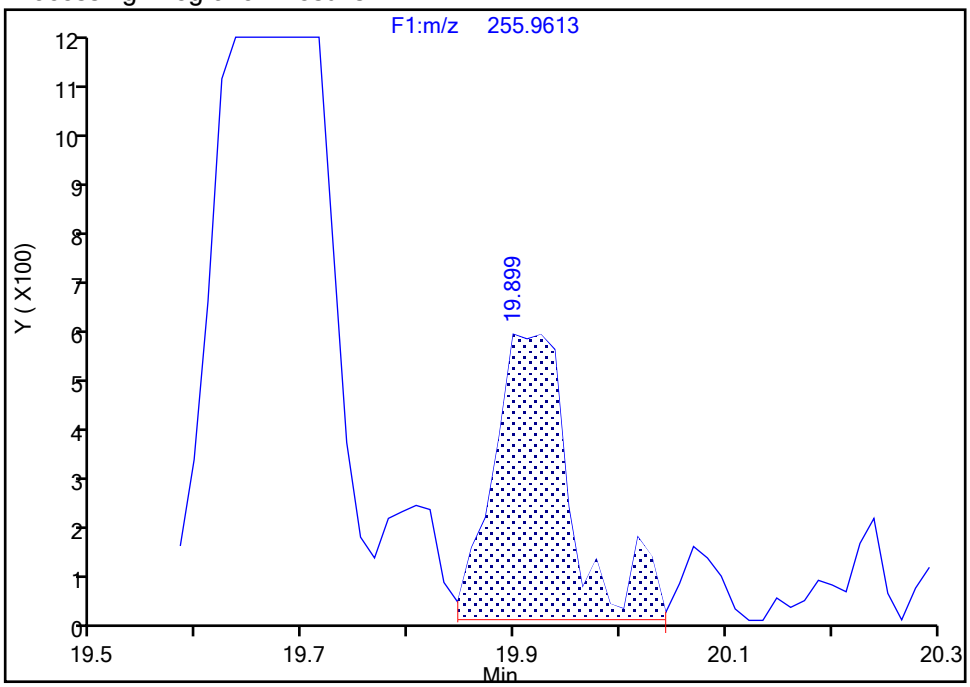
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-16, CAS: 38444-78-9

Signal: 1

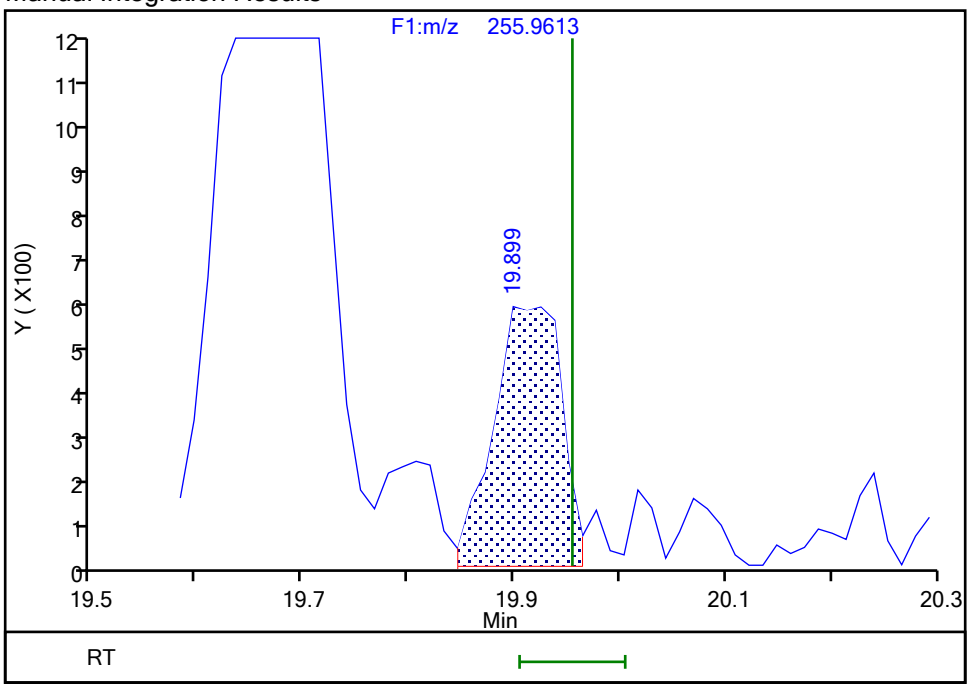
Processing Integration Results

RT: 19.90
Area: 2842
Amount: 0.275961
Amount Units: pg/ul



Manual Integration Results

RT: 19.90
Area: 2456
Amount: 0.222293
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:13:31 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

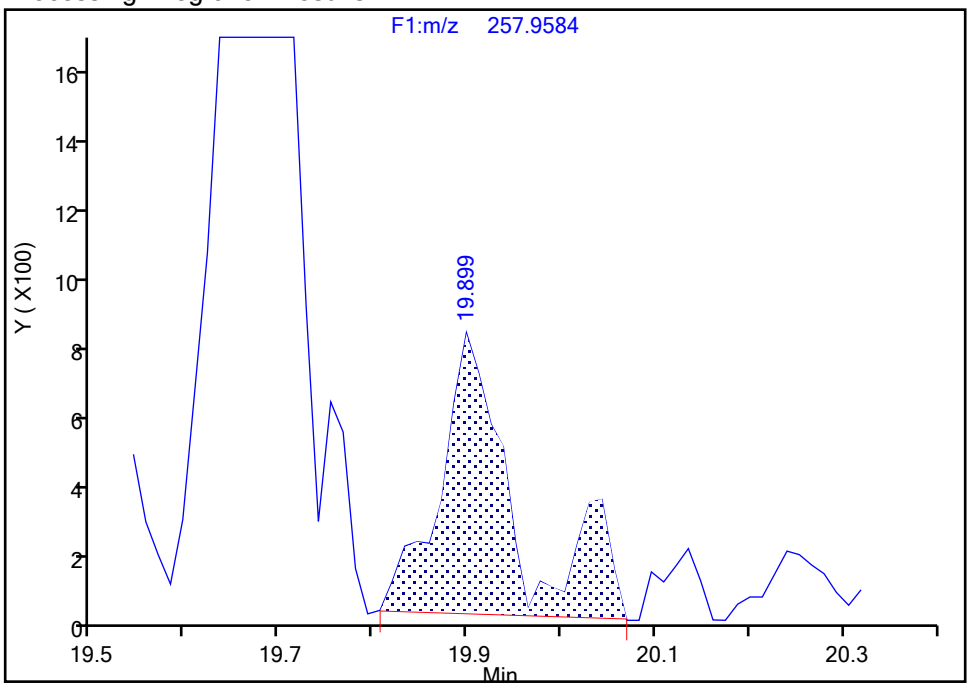
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-16, CAS: 38444-78-9

Signal: 2

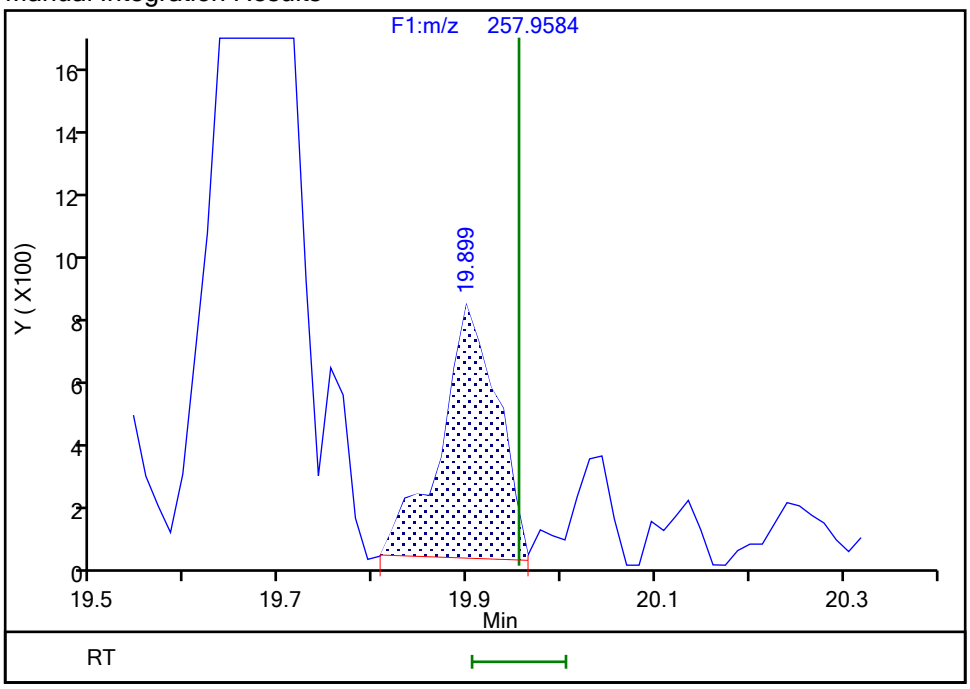
Processing Integration Results

RT: 19.90
Area: 4326
Amount: 0.275961
Amount Units: pg/ul



Manual Integration Results

RT: 19.90
Area: 3318
Amount: 0.222293
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:13:35 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

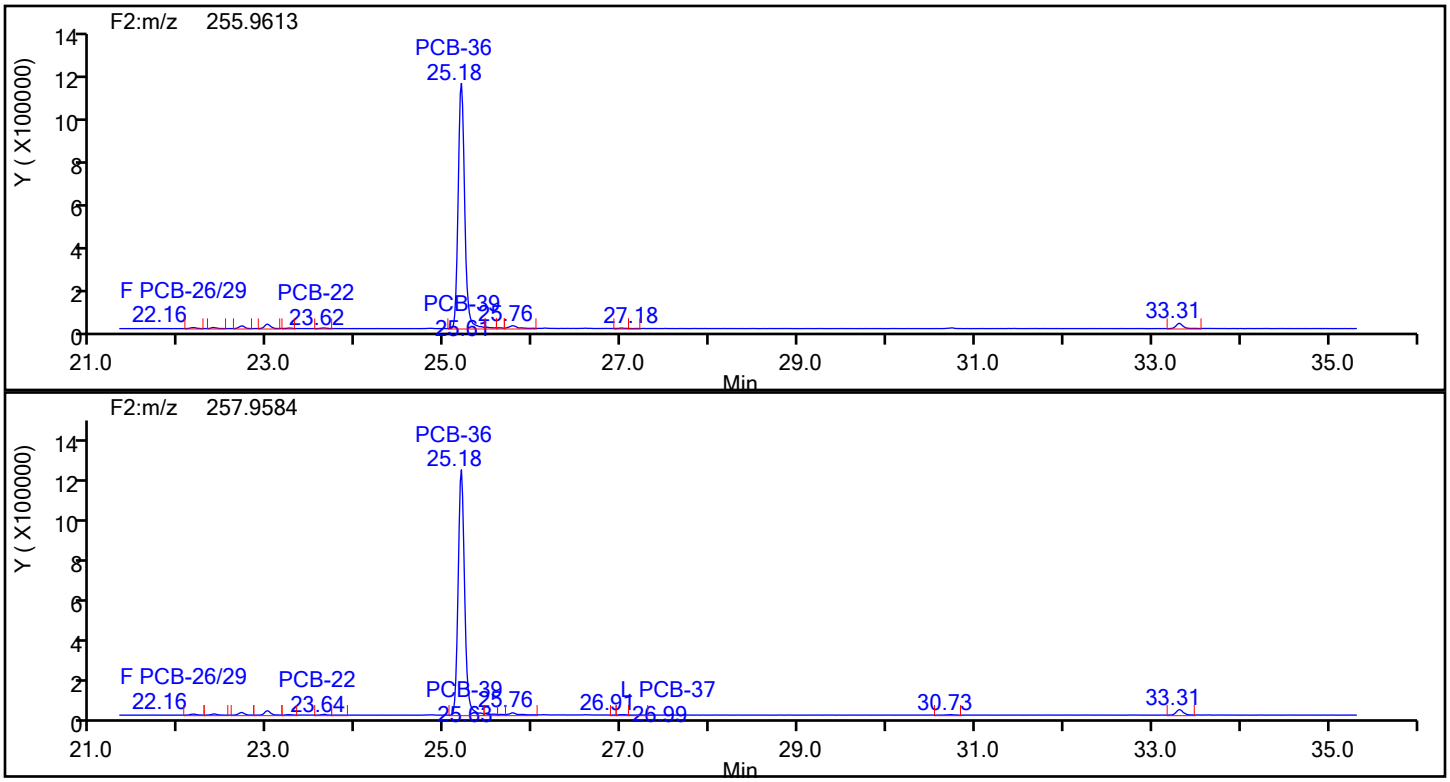
Report Date: 05-Jan-2024 00:45:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

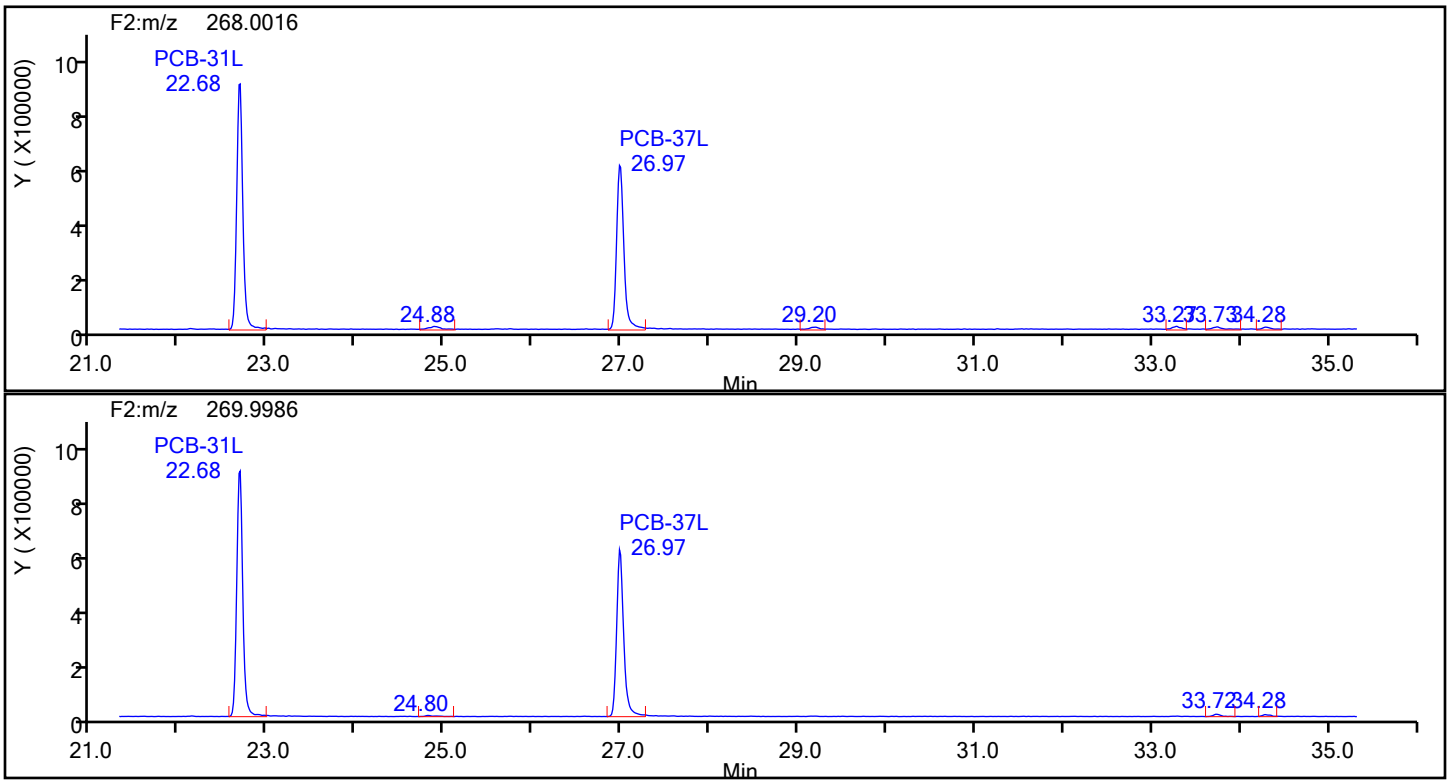
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

TriPCB F2



TriPCB F2 Standards

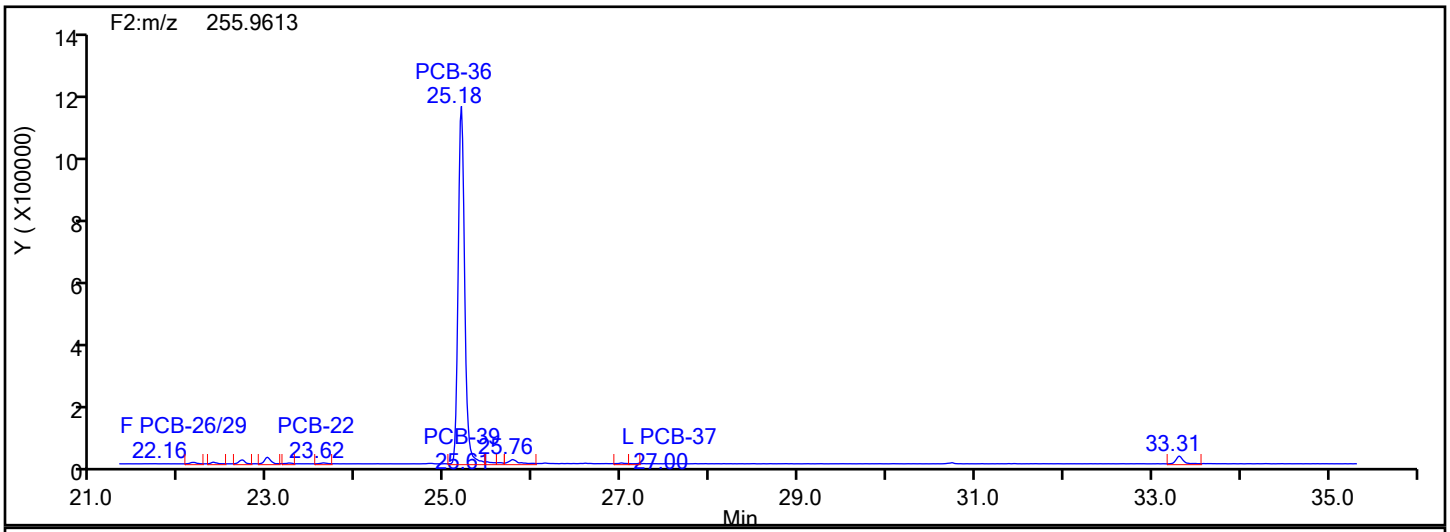


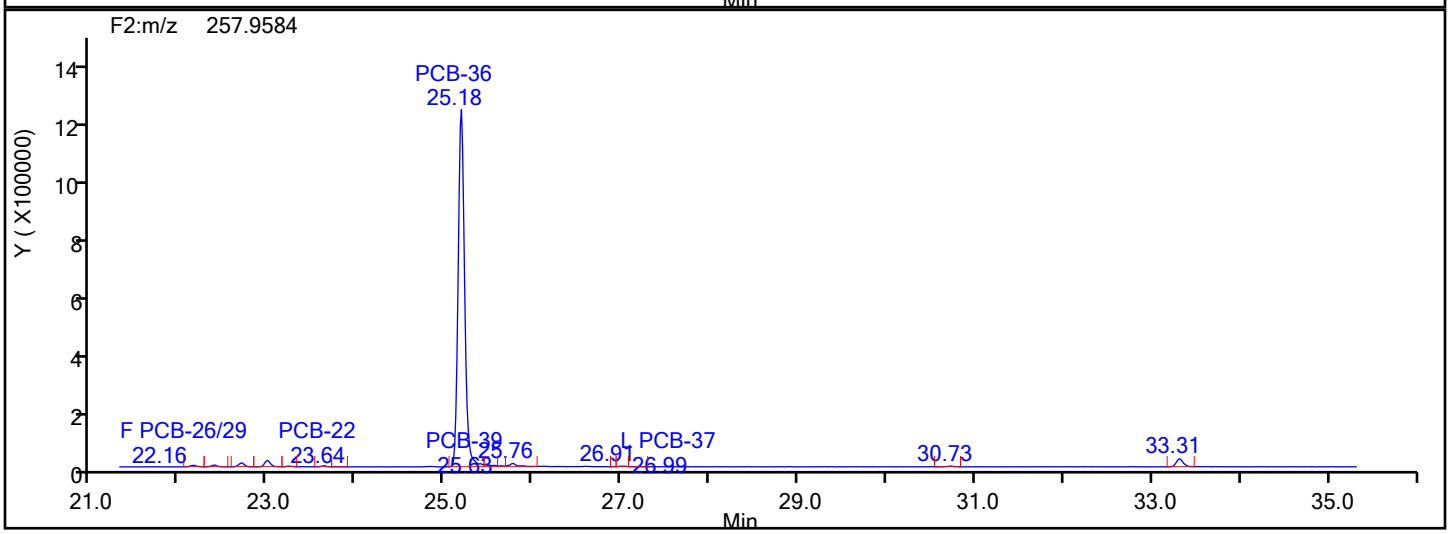
Report Date: 05-Jan-2024 00:45:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

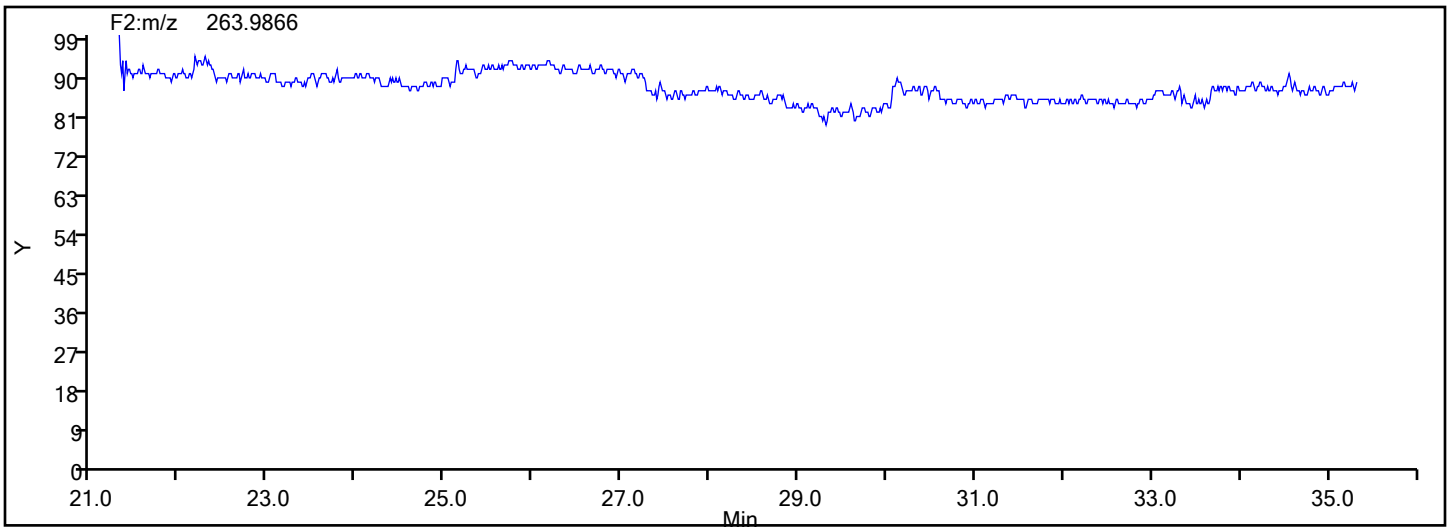
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

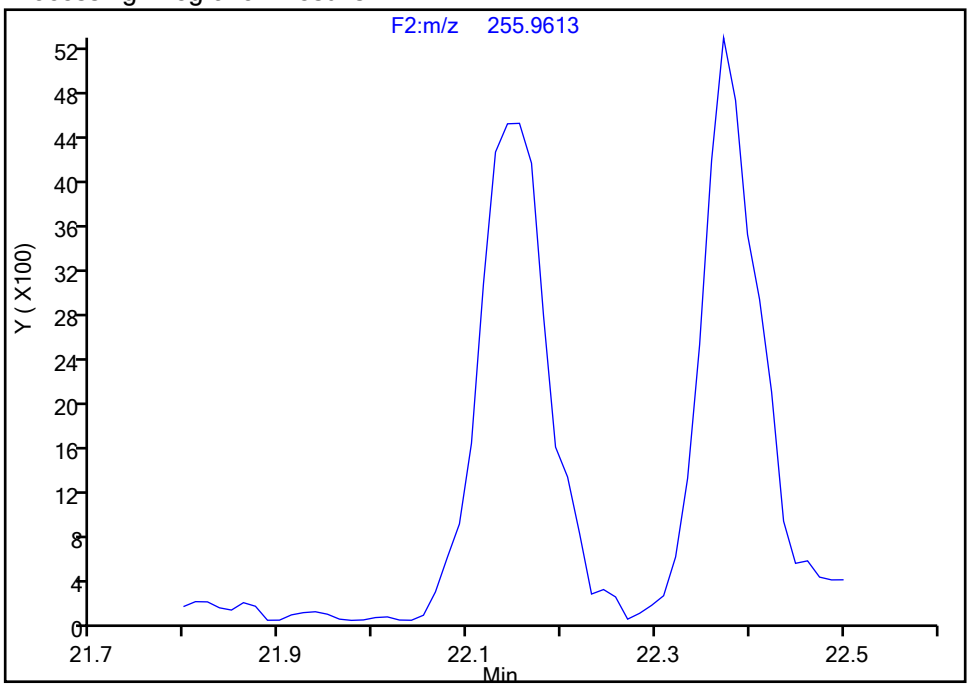
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-26/29, CAS: STL01801

Signal: 1

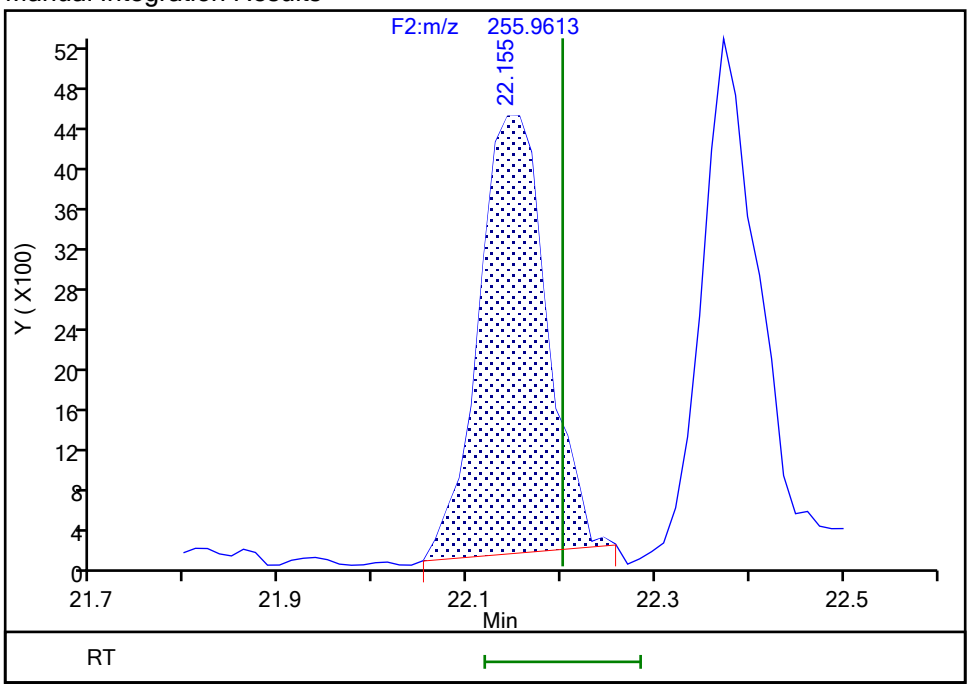
Not Detected
Expected RT: 22.20

Processing Integration Results



Manual Integration Results

RT: 22.16
Area: 21814
Amount: 0.720978
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:14:03 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

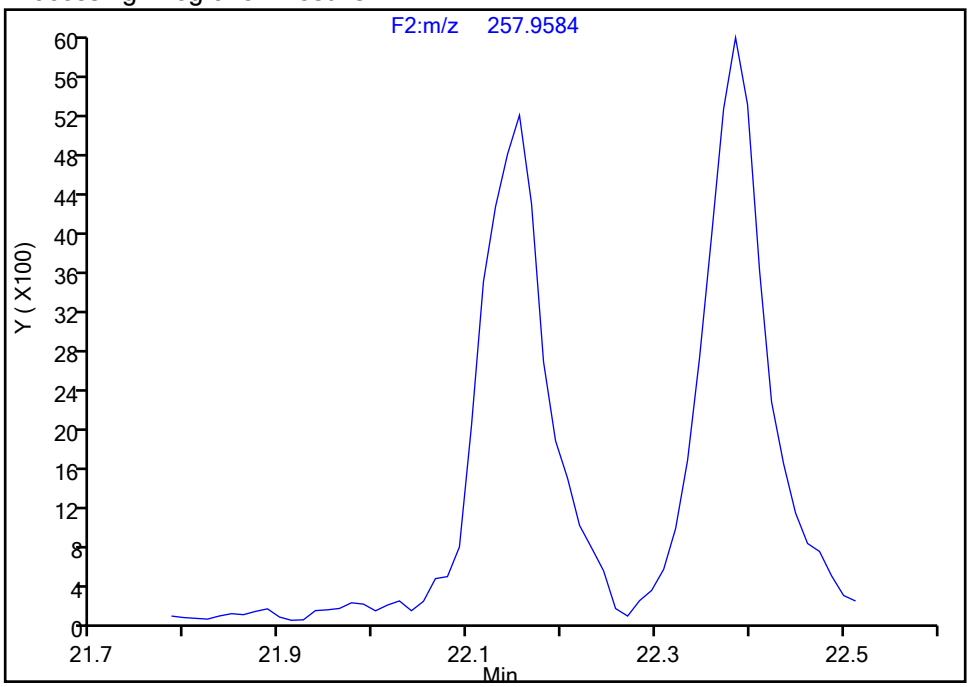
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-26/29, CAS: STL01801

Signal: 2

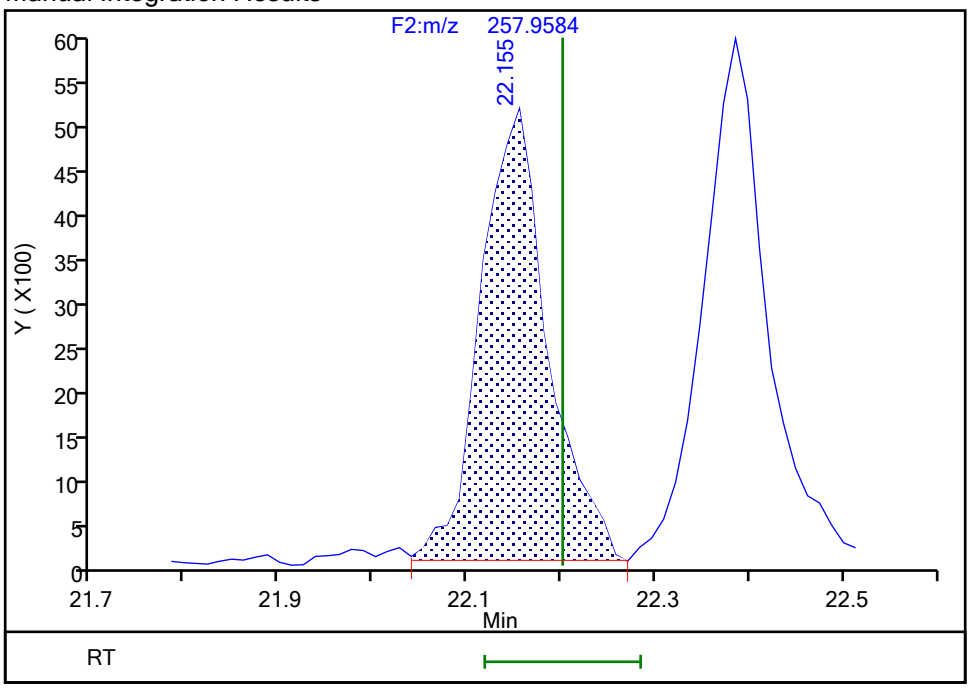
Processing Integration Results

Not Detected
Expected RT: 22.20



Manual Integration Results

RT: 22.16
Area: 25258
Amount: 0.720978
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:15:05 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

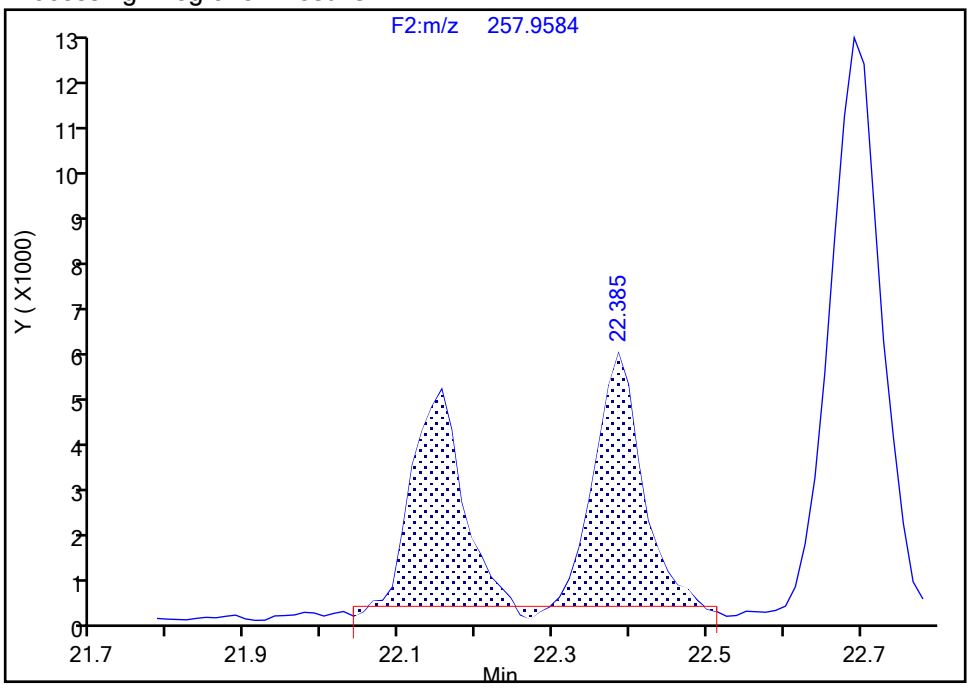
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-25, CAS: 55712-37-3

Signal: 2

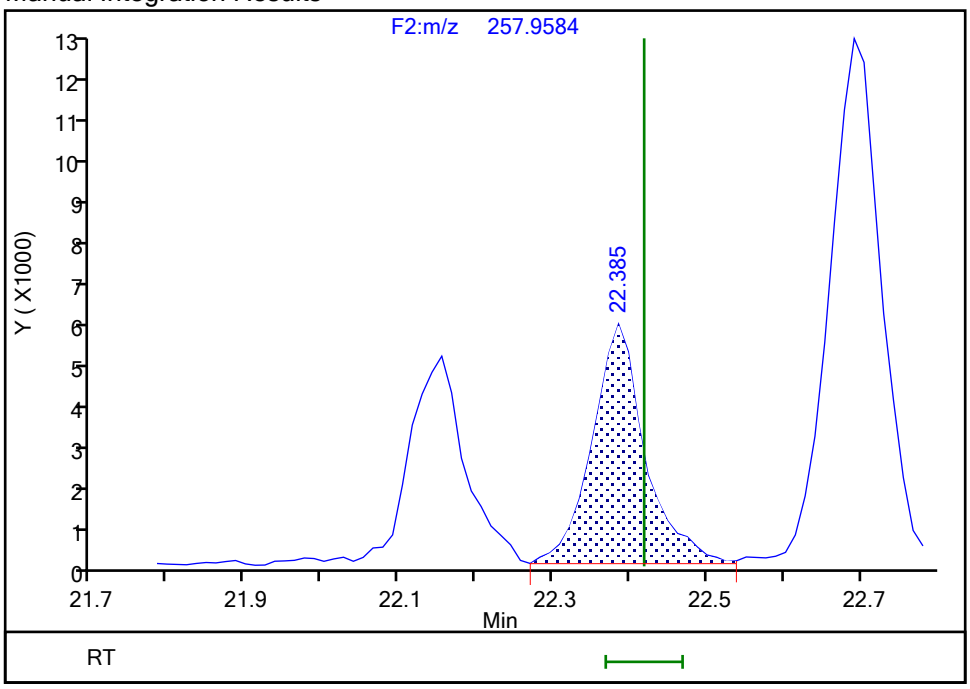
Processing Integration Results

RT: 22.39
Area: 44716
Amount: 0.771580
Amount Units: pg/ul



Manual Integration Results

RT: 22.39
Area: 27950
Amount: 0.573228
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:15:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

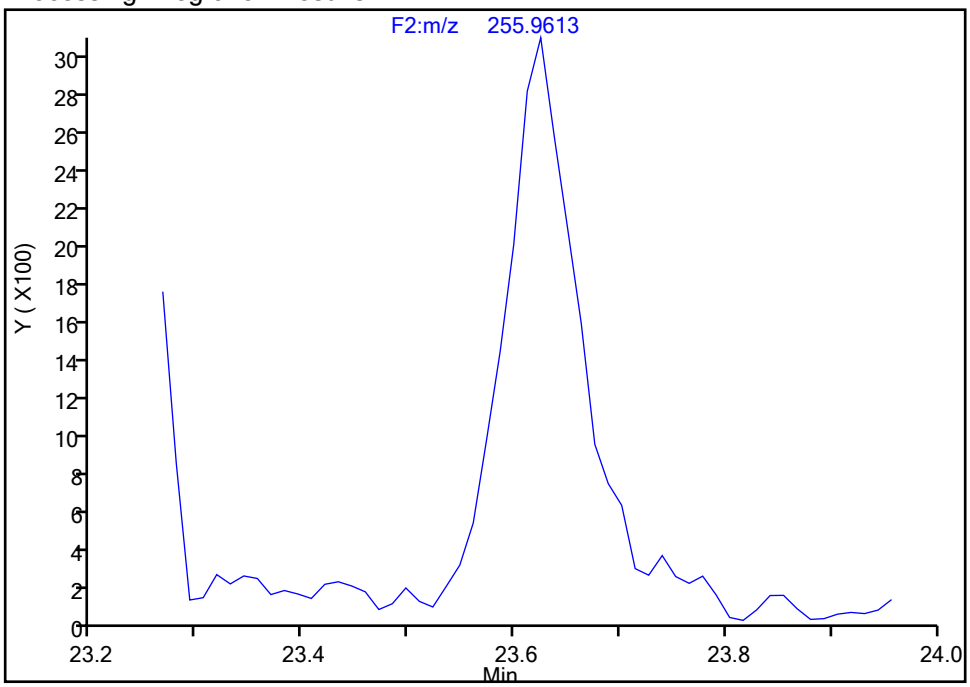
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-22, CAS: 38444-85-8

Signal: 1

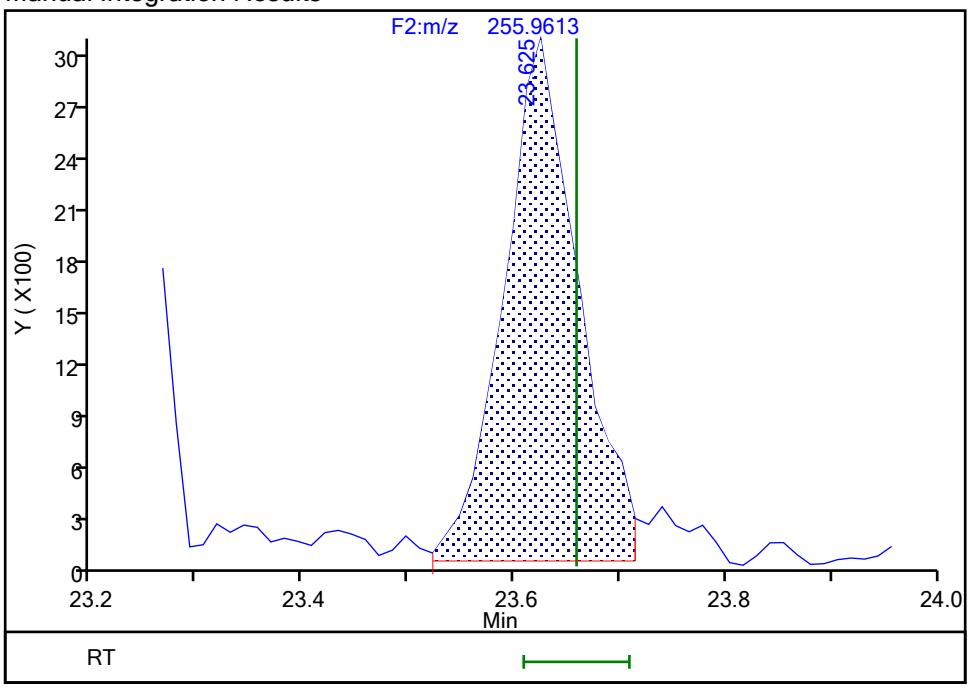
Not Detected
Expected RT: 23.66

Processing Integration Results



Manual Integration Results

RT: 23.62
Area: 14554
Amount: 0.379304
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:15:21 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

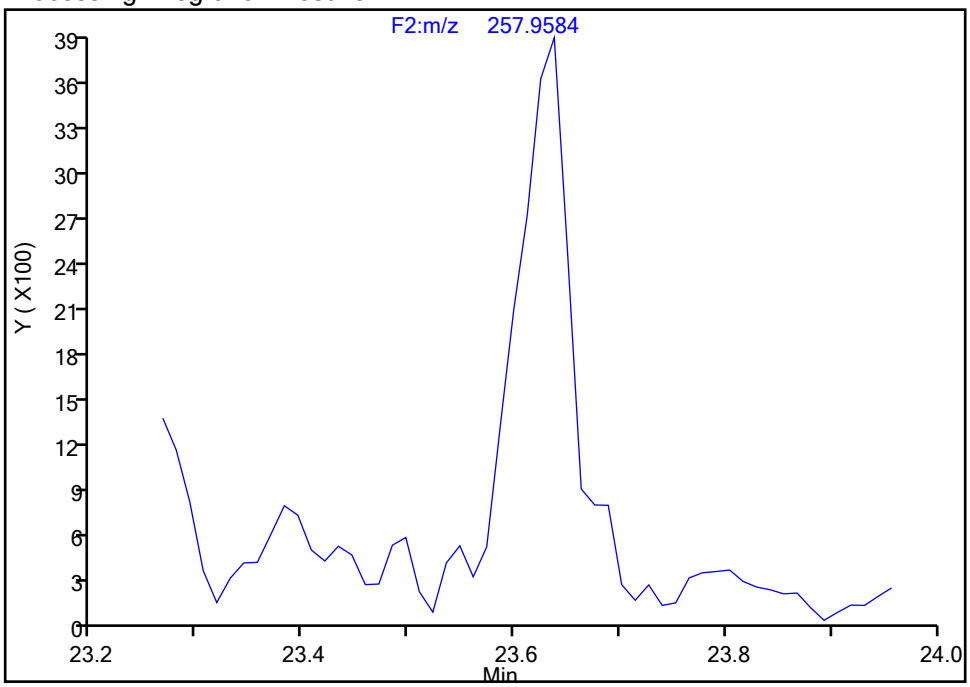
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-22, CAS: 38444-85-8

Signal: 2

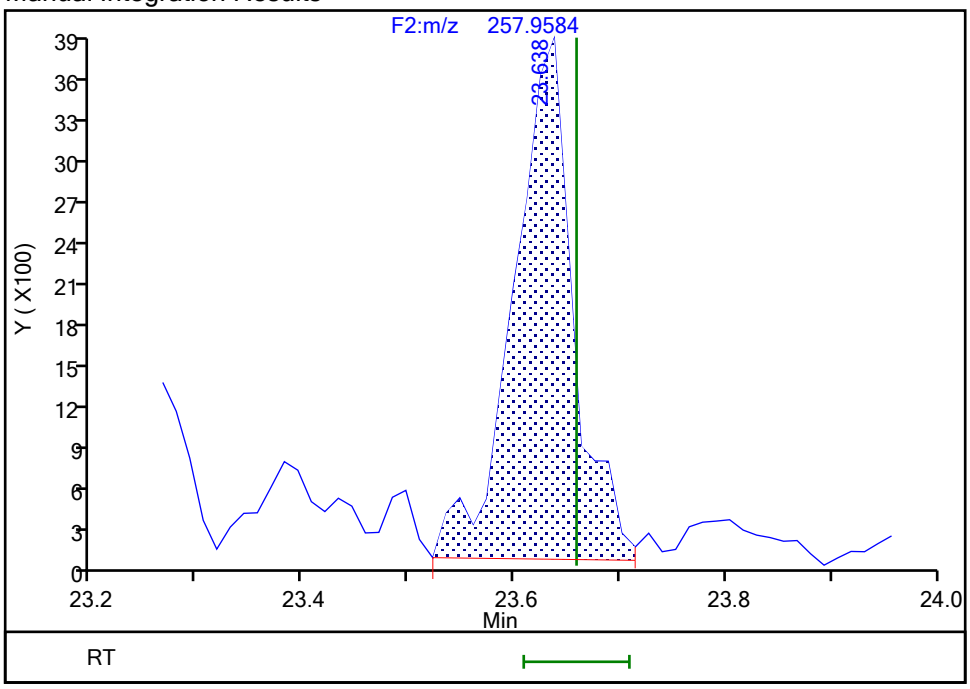
Not Detected
Expected RT: 23.66

Processing Integration Results



Manual Integration Results

RT: 23.64
Area: 15119
Amount: 0.379304
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:15:27 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

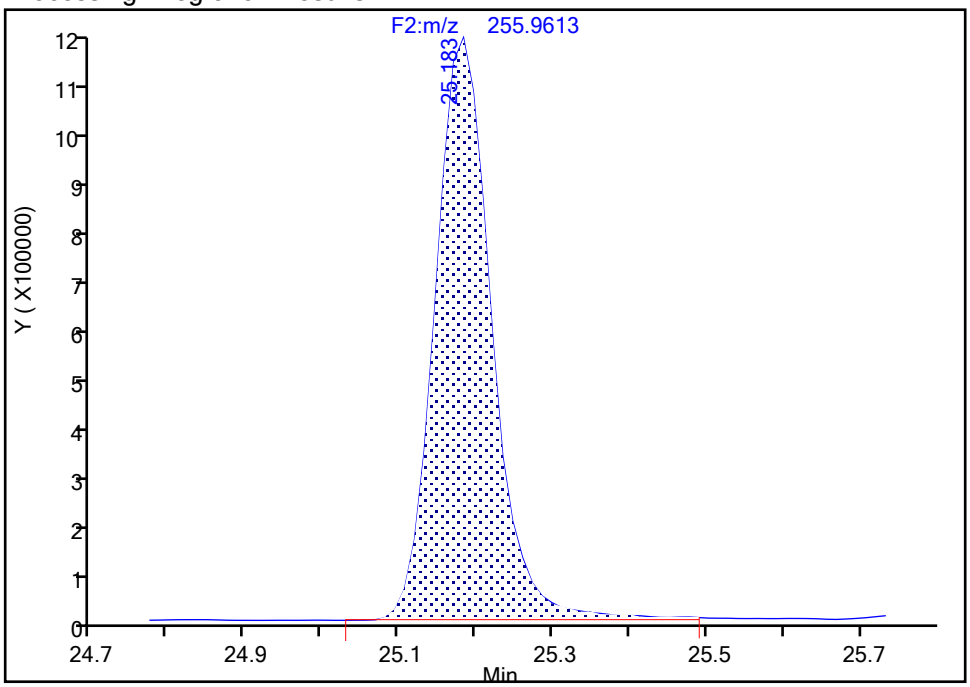
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-36, CAS: 38444-87-0

Signal: 1

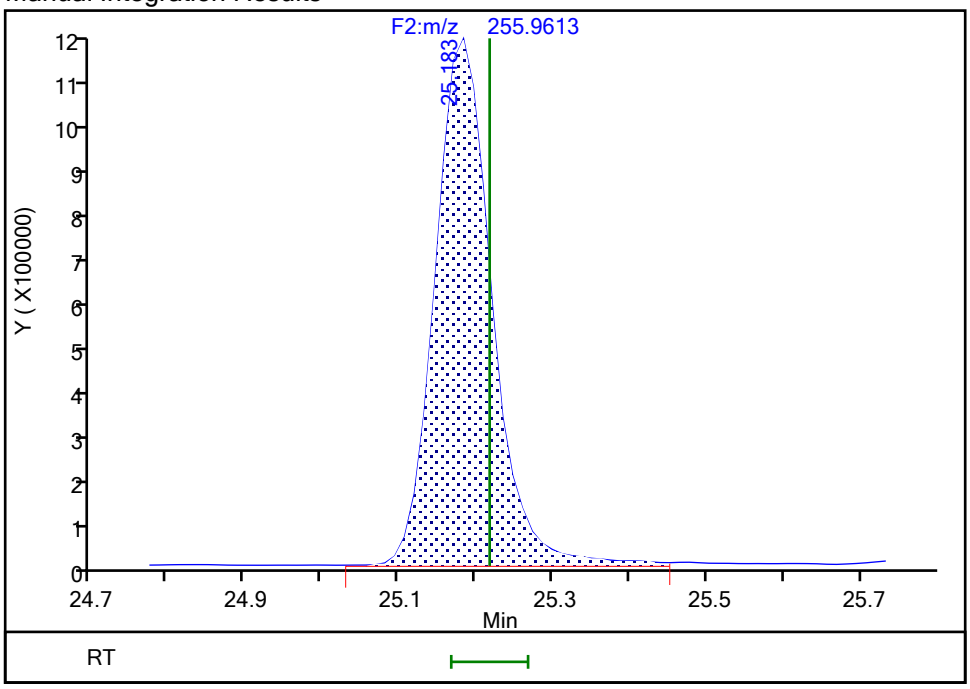
Processing Integration Results

RT: 25.18
Area: 5767421
Amount: 139.8104
Amount Units: pg/ul



Manual Integration Results

RT: 25.18
Area: 5753733
Amount: 139.4460
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:15:46 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

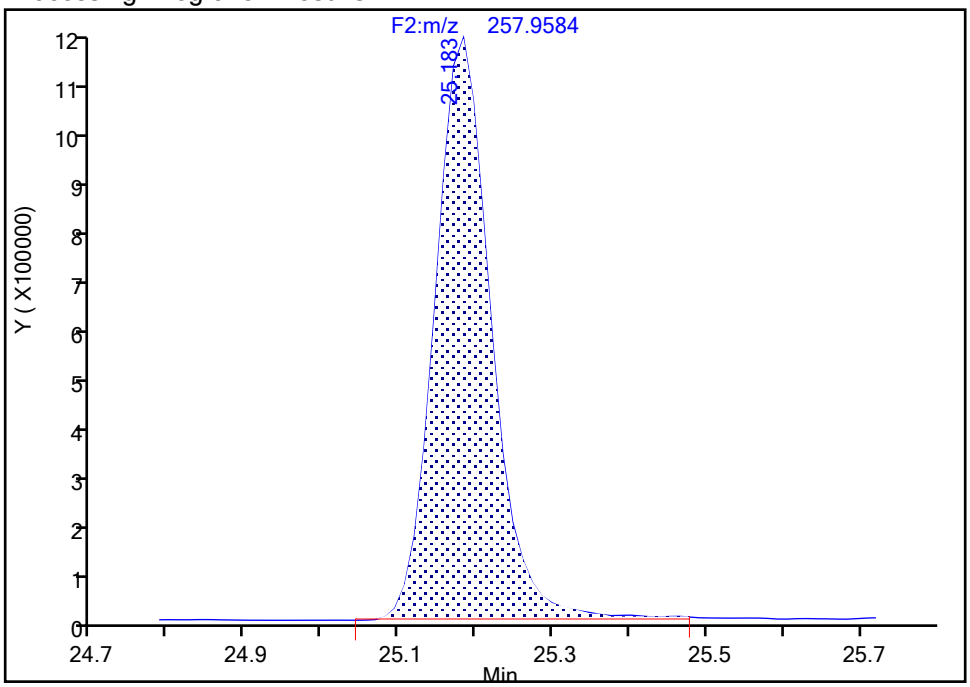
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-36, CAS: 38444-87-0

Signal: 2

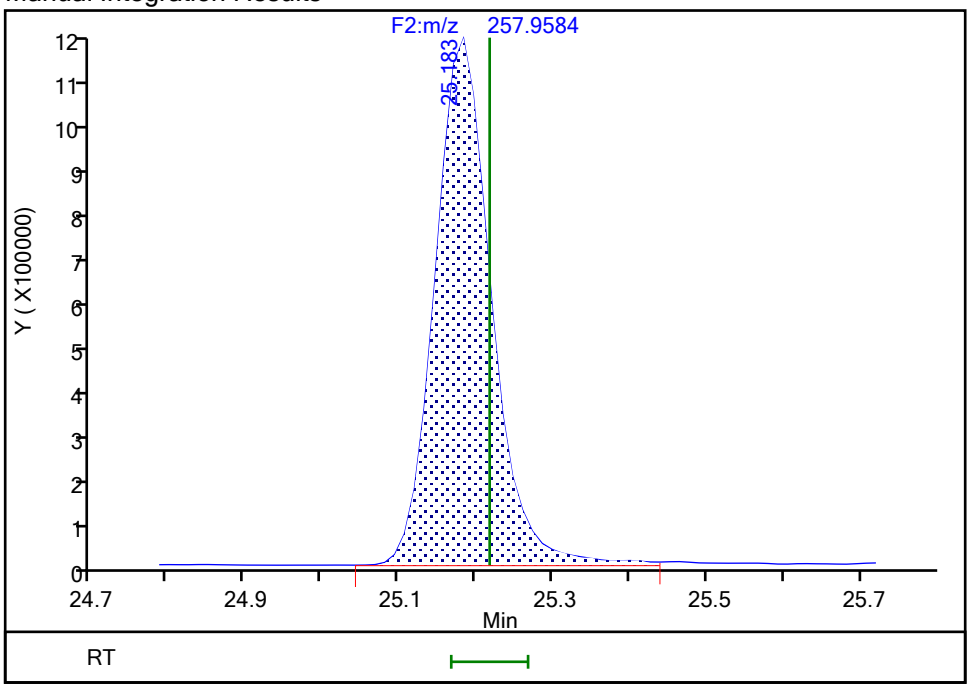
Processing Integration Results

RT: 25.18
Area: 6011782
Amount: 139.8104
Amount Units: pg/ul



Manual Integration Results

RT: 25.18
Area: 5994771
Amount: 139.4460
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:15:48 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

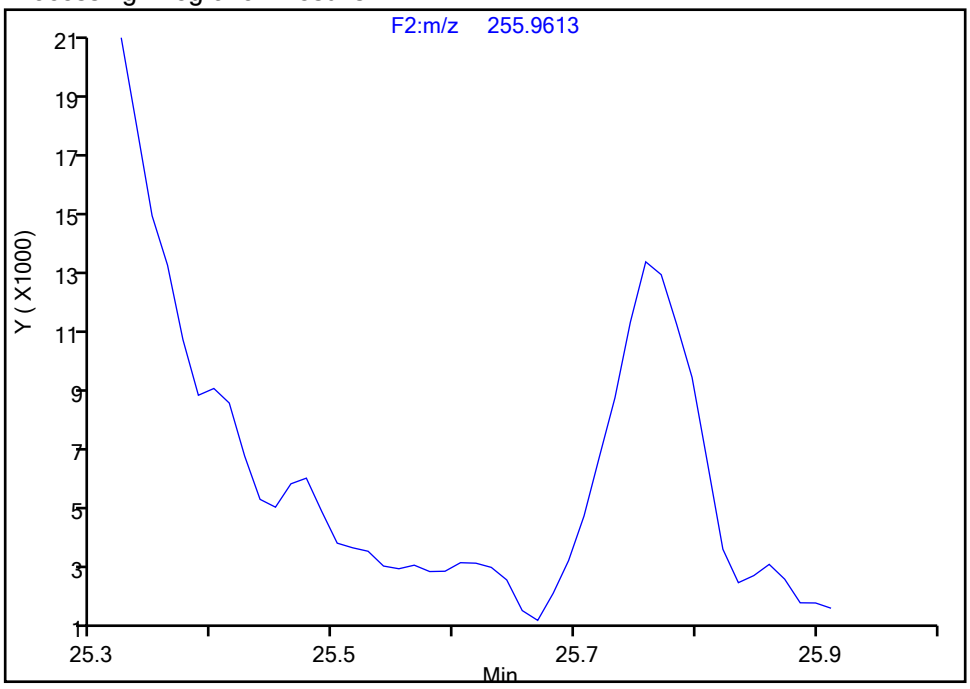
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-39, CAS: 38444-88-1

Signal: 1

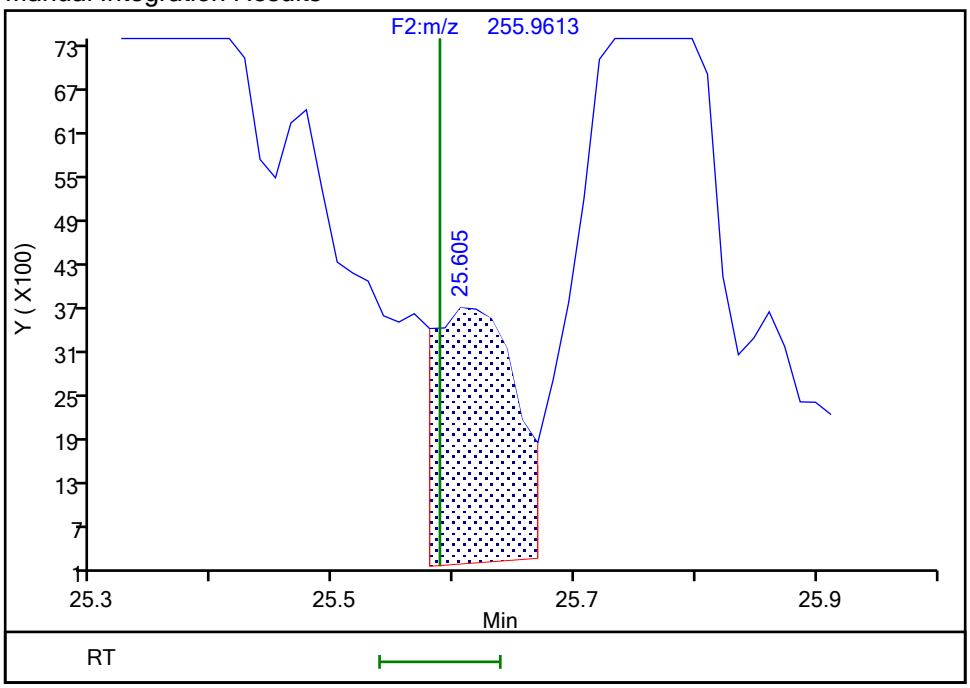
Not Detected
Expected RT: 25.59

Processing Integration Results



Manual Integration Results

RT: 25.61
Area: 15934
Amount: 0.393988
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:16:31 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

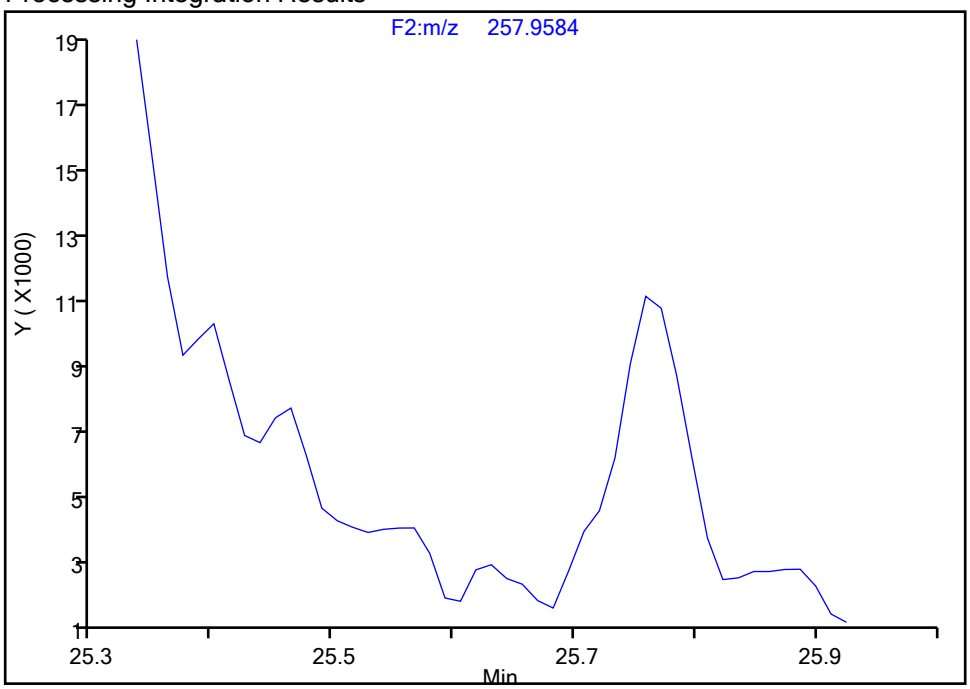
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-39, CAS: 38444-88-1

Signal: 2

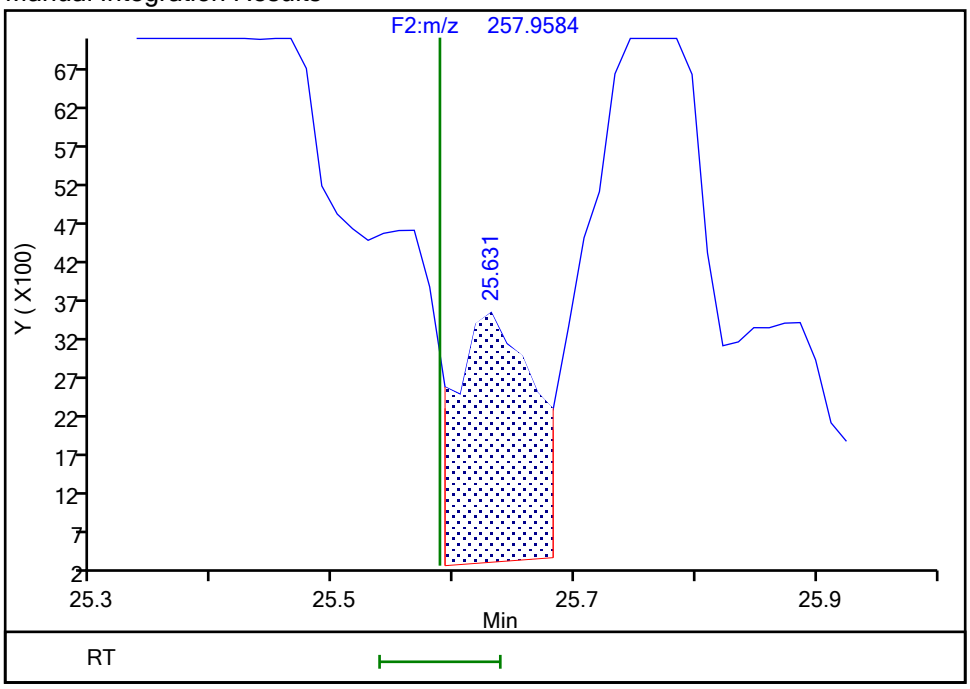
Not Detected
Expected RT: 25.59

Processing Integration Results



Manual Integration Results

RT: 25.63
Area: 13848
Amount: 0.393988
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:16:34 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

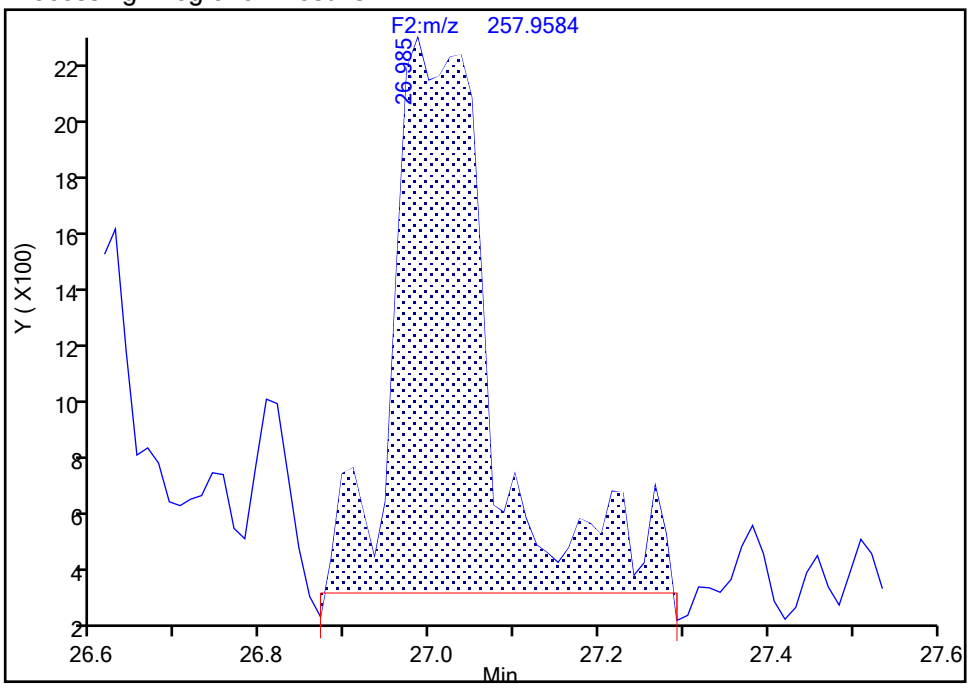
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-37, CAS: 38444-90-5

Signal: 2

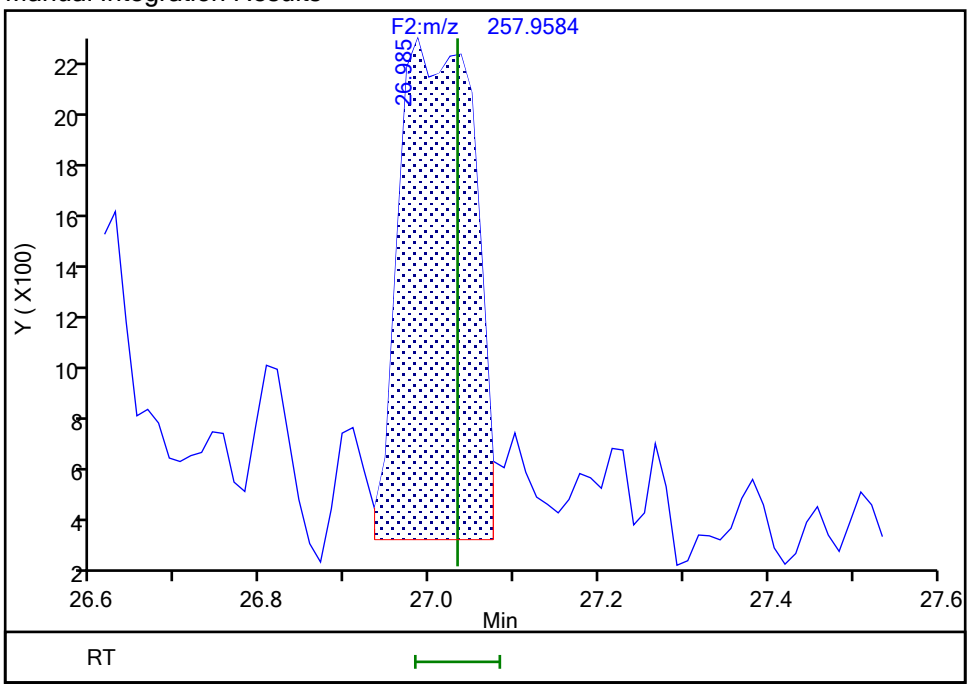
Processing Integration Results

RT: 26.99
Area: 15295
Amount: 0.395196
Amount Units: pg/ul



Manual Integration Results

RT: 26.99
Area: 11524
Amount: 0.308094
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:16:57 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

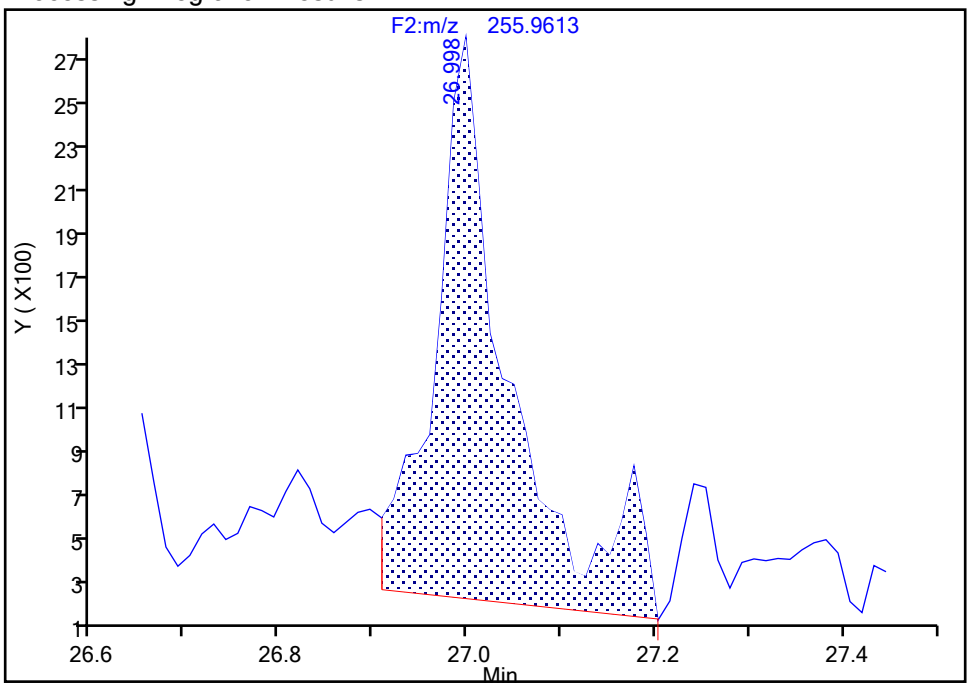
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-37, CAS: 38444-90-5

Signal: 1

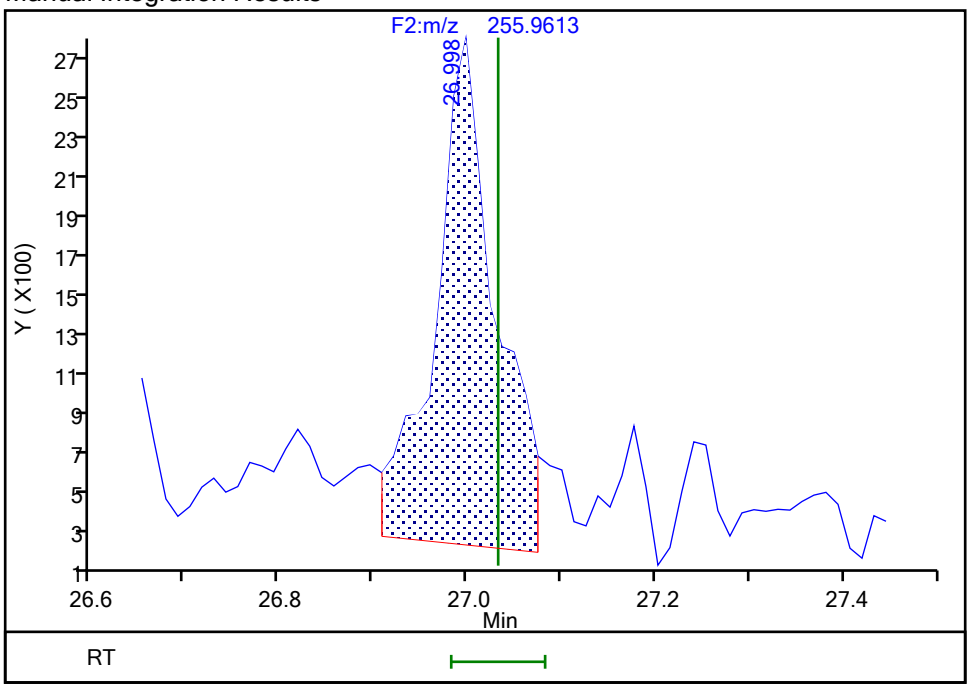
Processing Integration Results

RT: 27.00
Area: 14133
Amount: 0.395196
Amount Units: pg/ul



Manual Integration Results

RT: 27.00
Area: 11418
Amount: 0.308094
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:16:59 -05:00:00 (UTC)

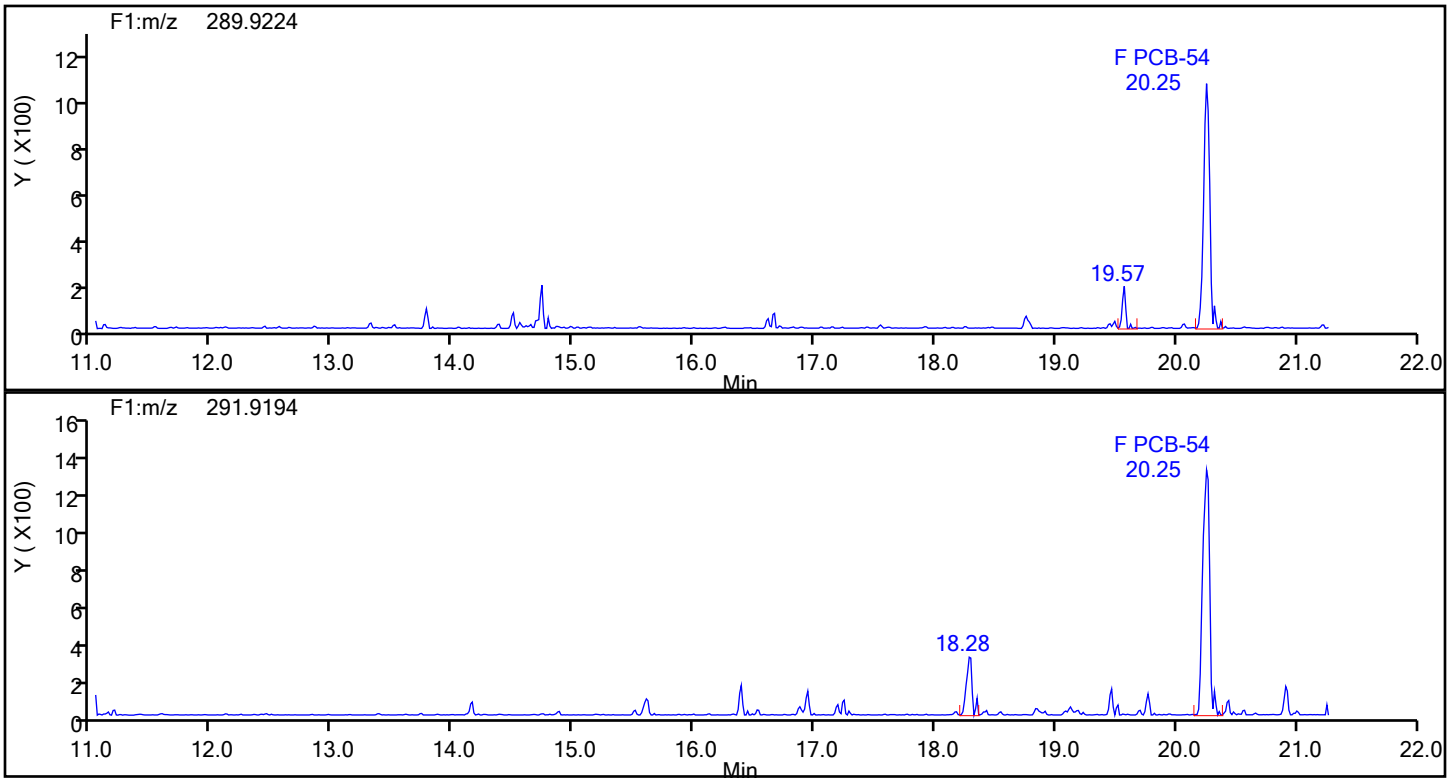
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Report Date: 05-Jan-2024 00:45:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

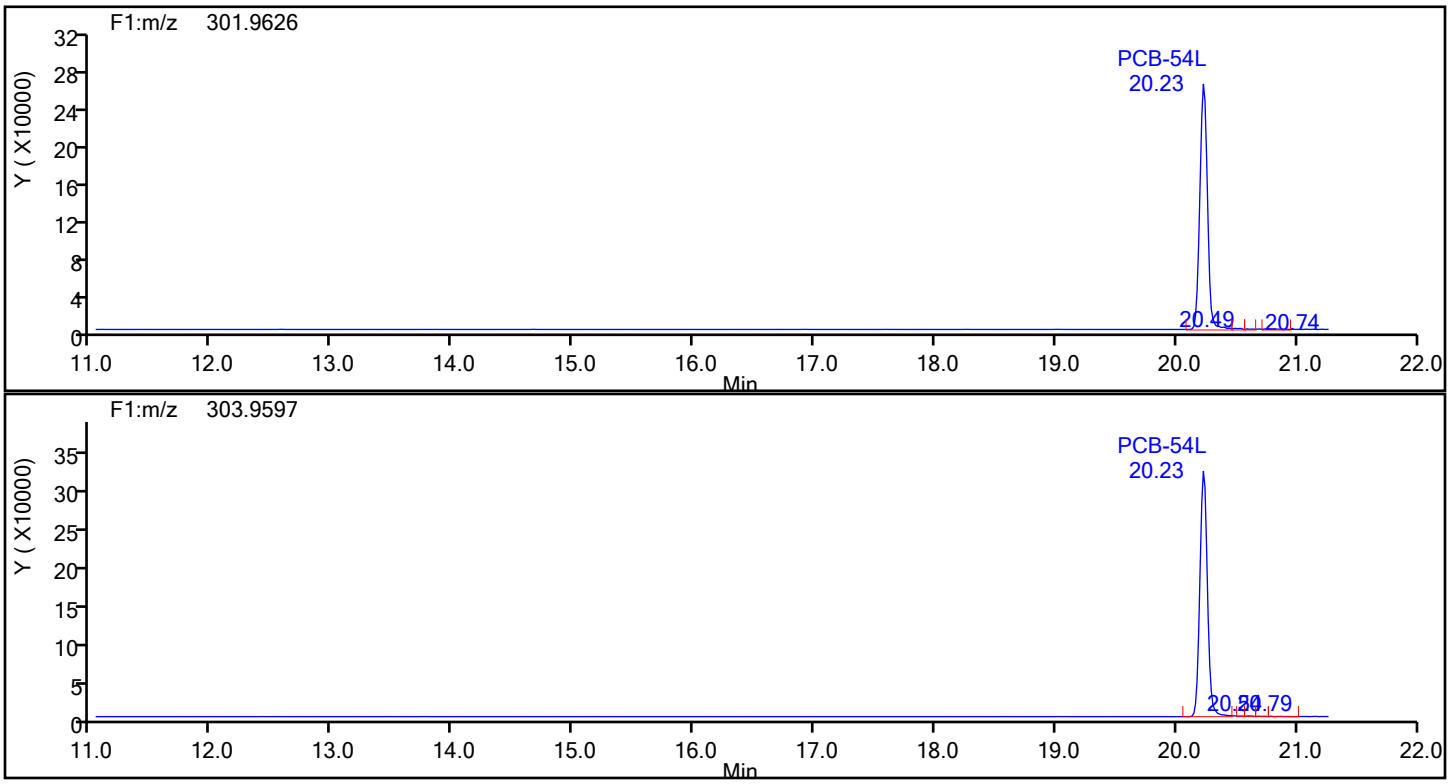
Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

TePCB F1



TePCB F1 Standards

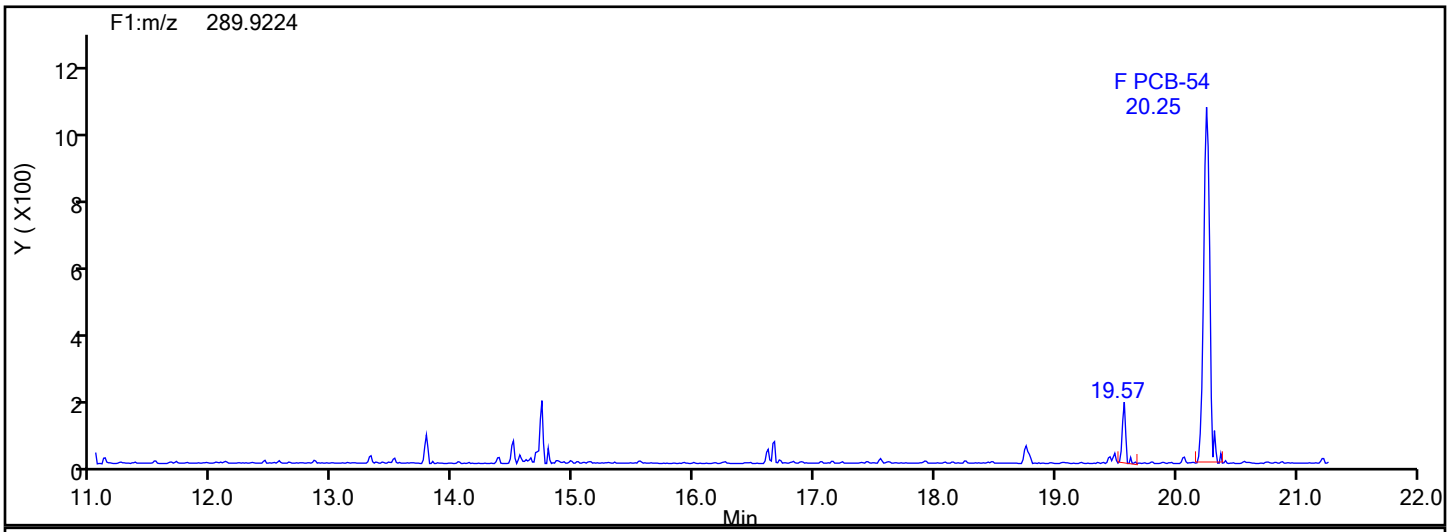


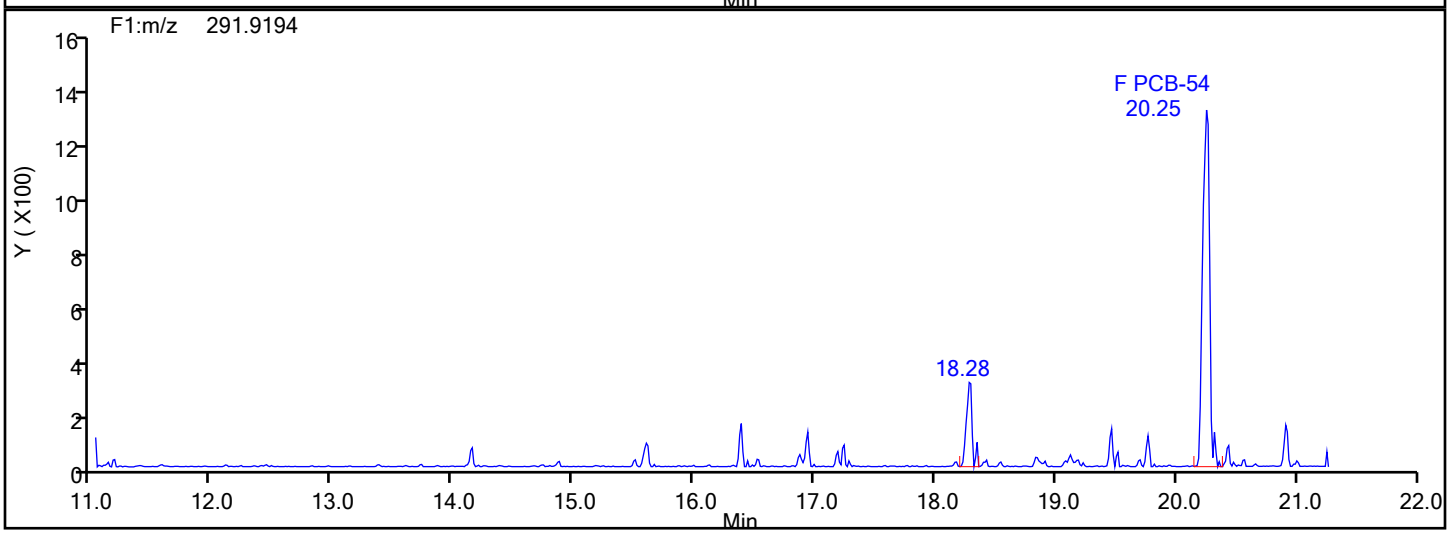
Report Date: 05-Jan-2024 00:45:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

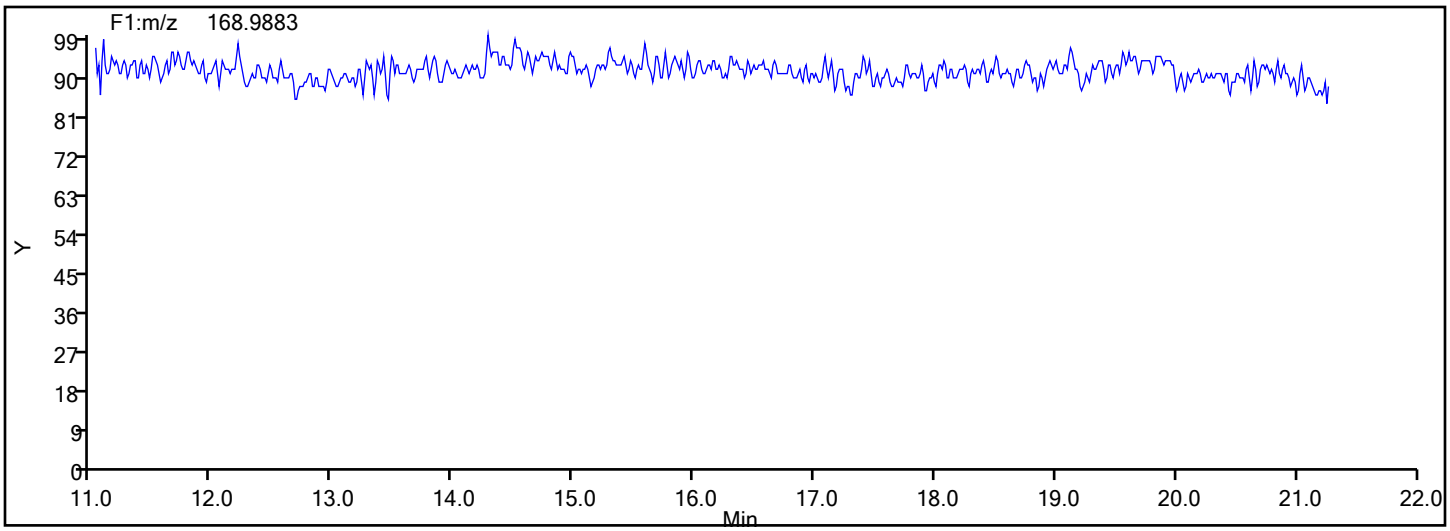
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



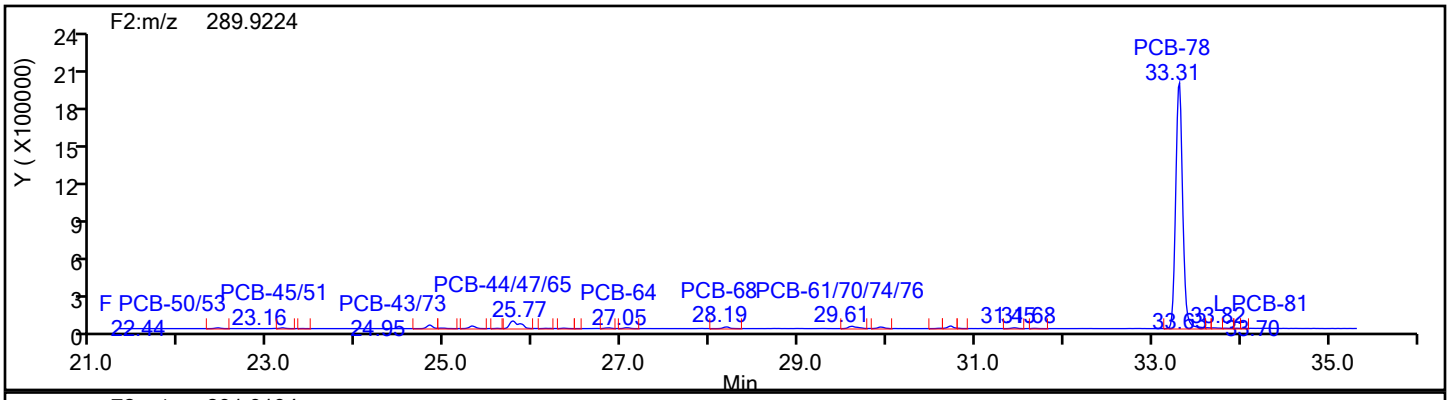
Report Date: 05-Jan-2024 00:45:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

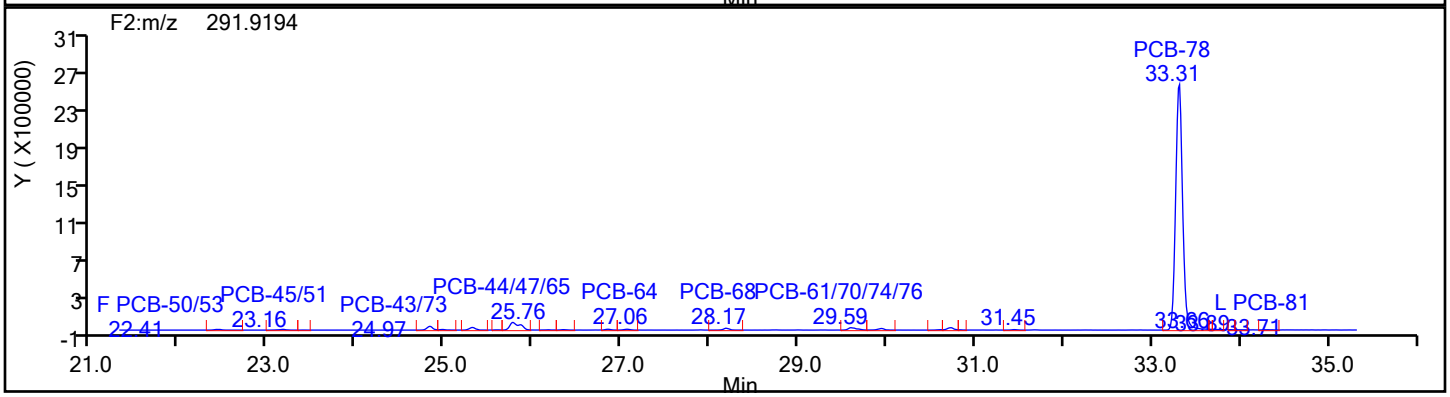
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

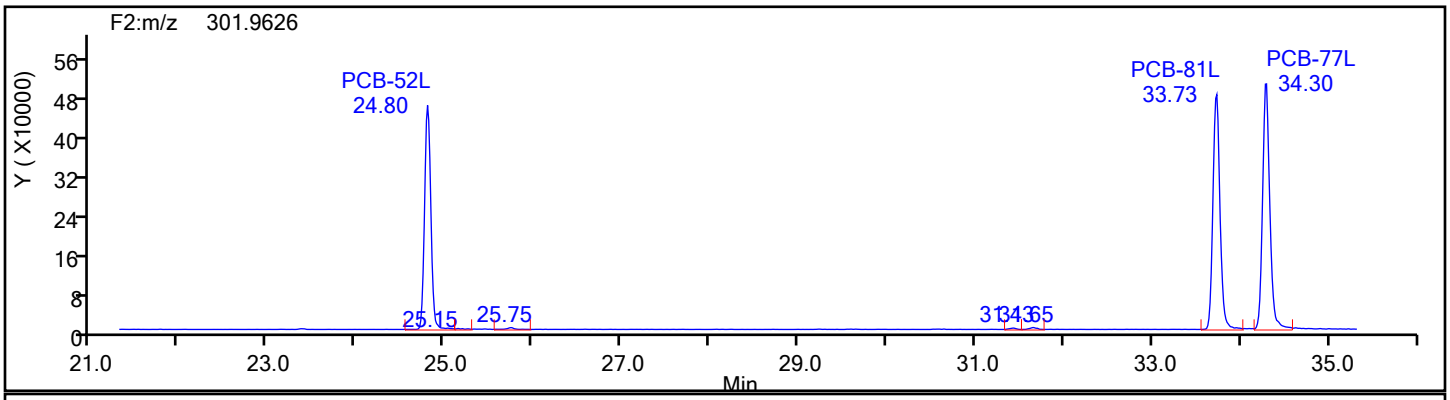
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

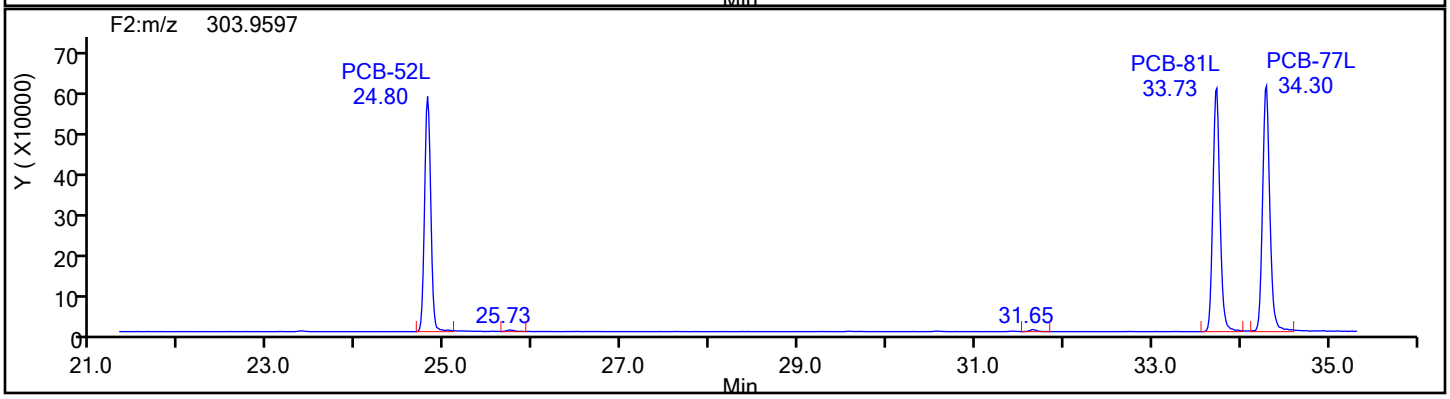
TePCB F2





TePCB F2 Standards



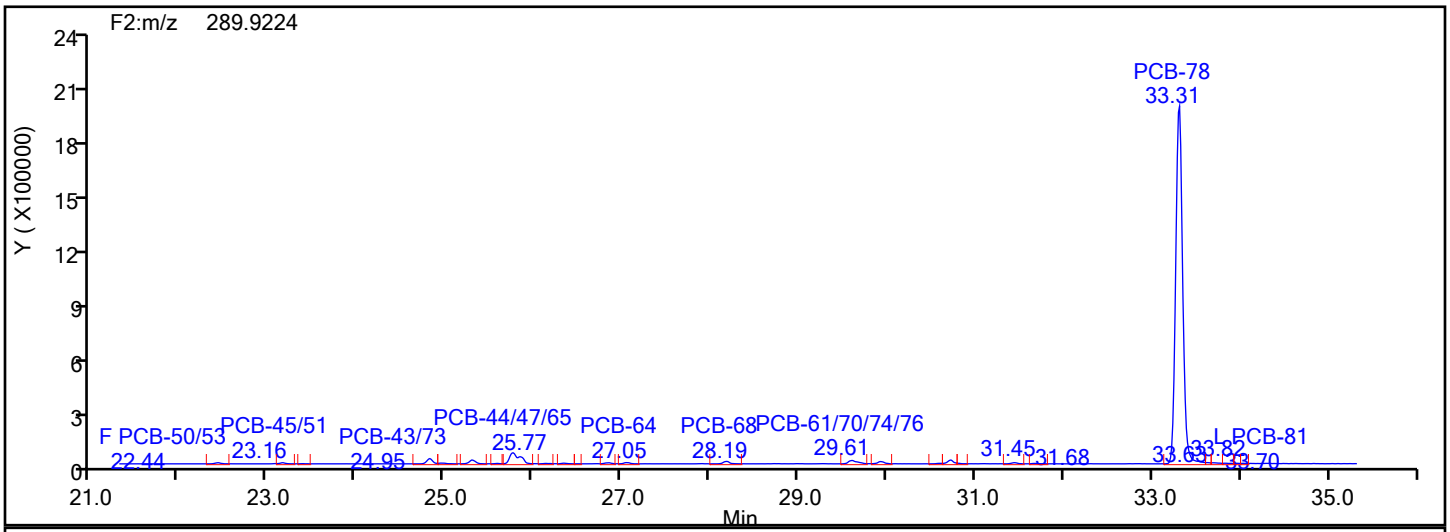


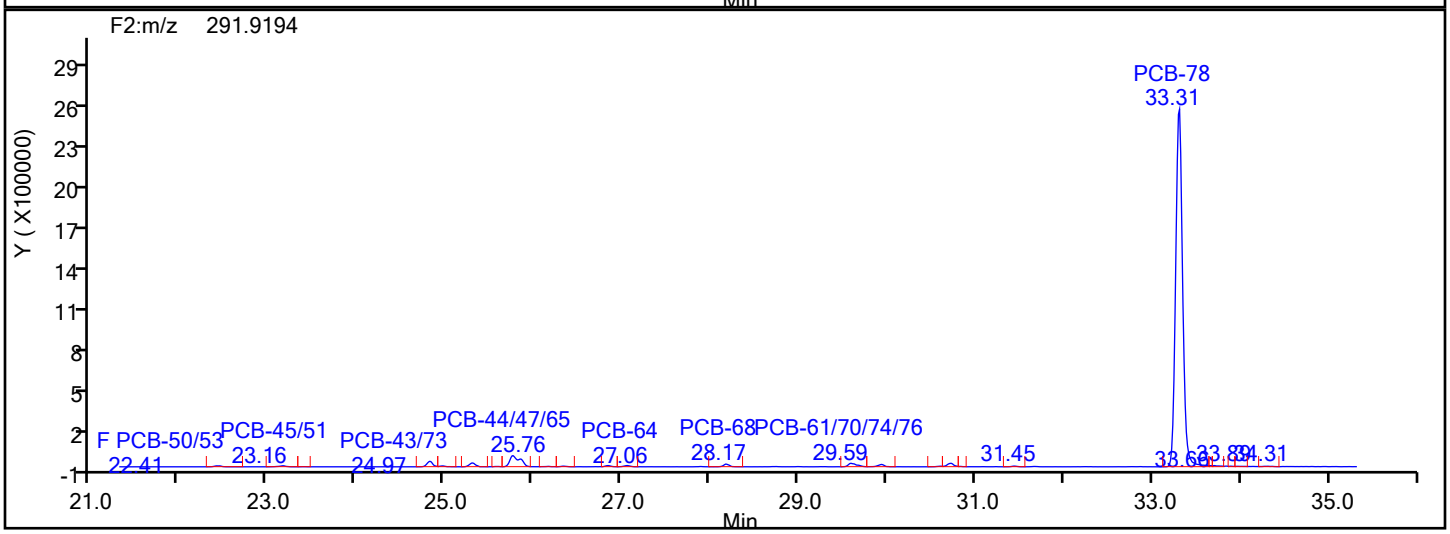
Report Date: 05-Jan-2024 00:45:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

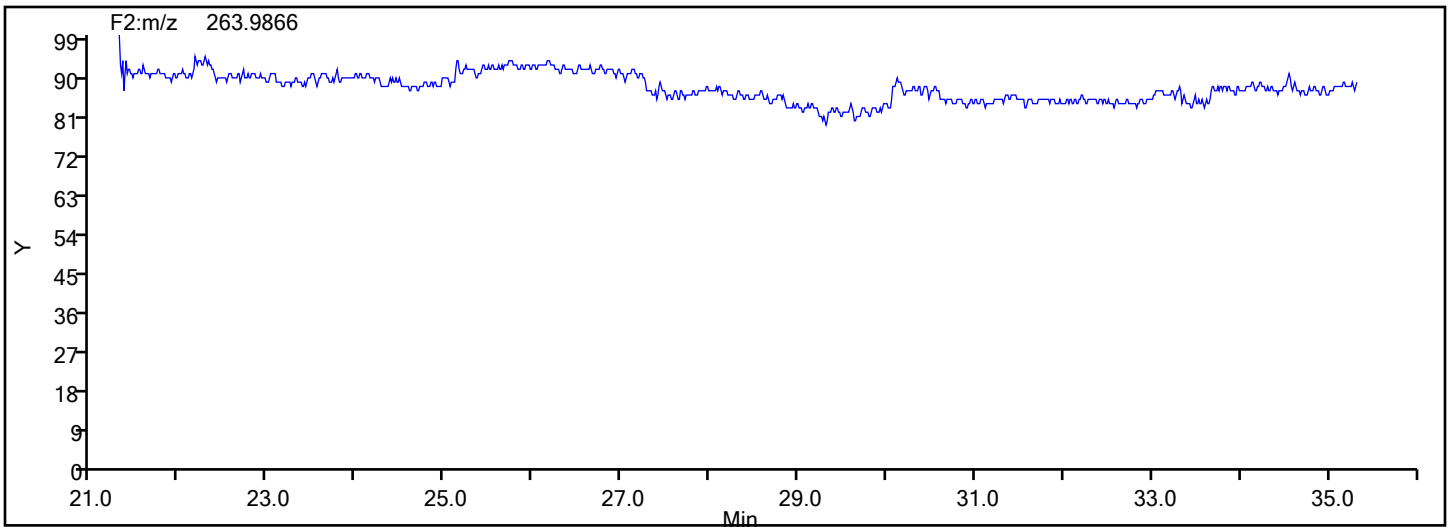
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d
Injection Date: 04-Jan-2024 18:06:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-03-DUP
Worklist#: 82009 Sample Line#: 10
Column Type: Column Dia:

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

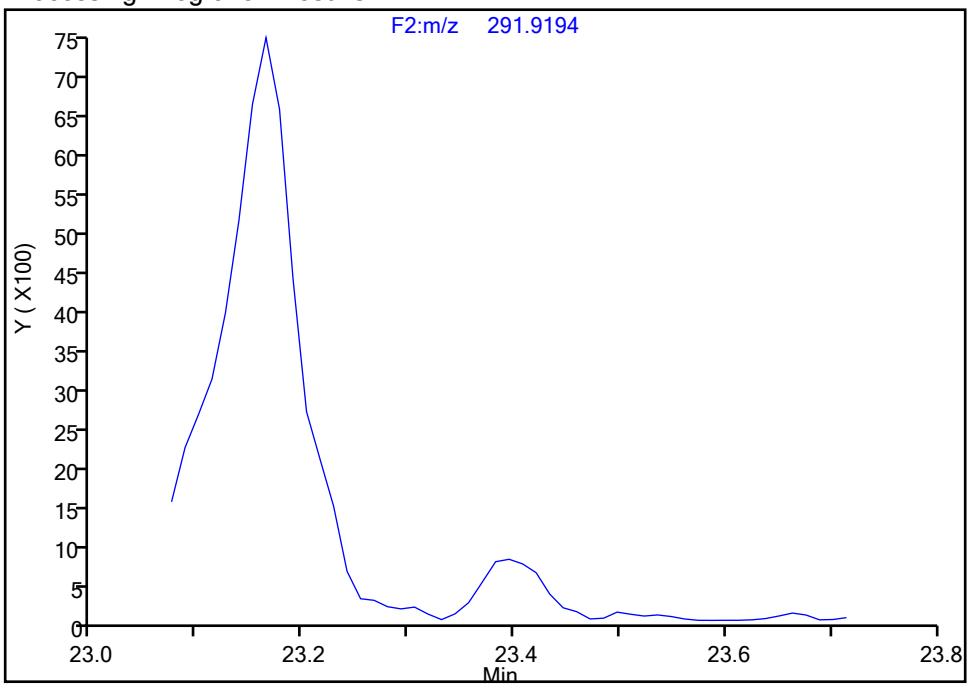
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 2

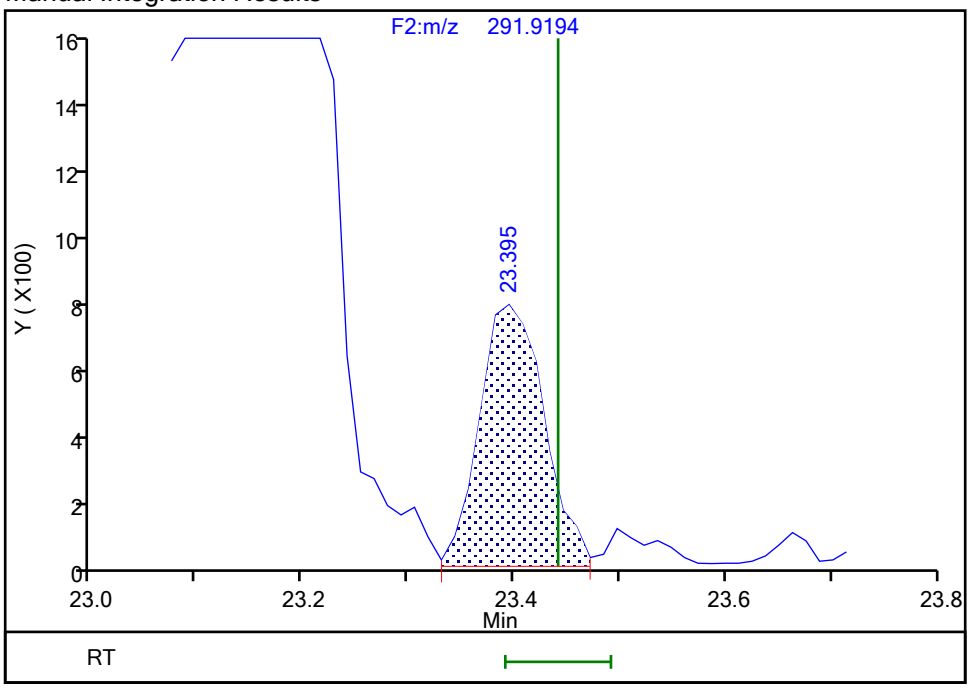
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.39
Area: 3308
Amount: 0.195629
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:18:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

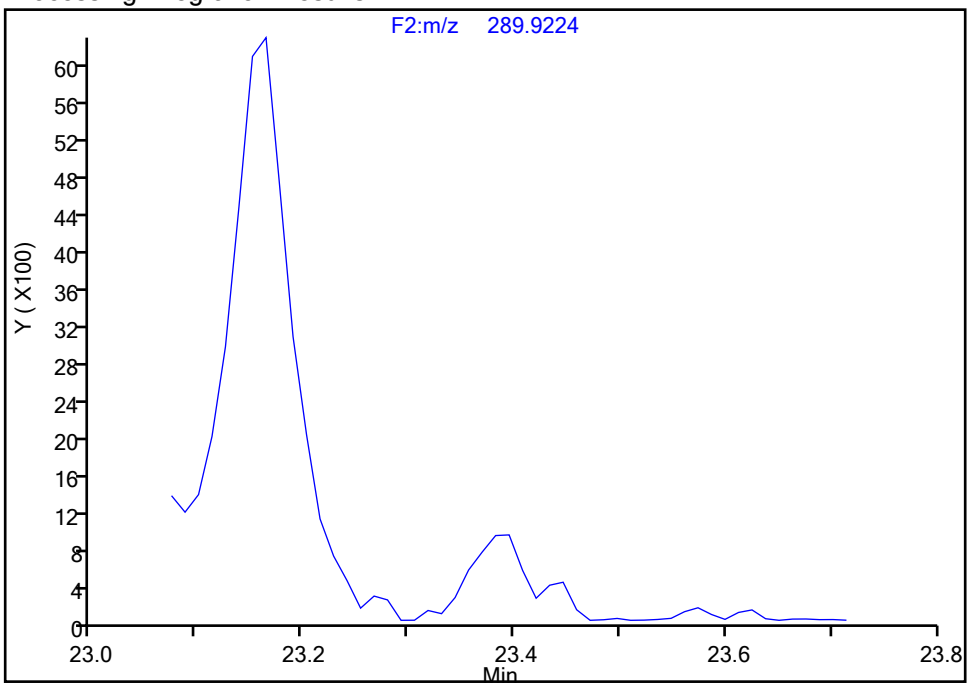
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-46, CAS: 41464-47-5

Signal: 1

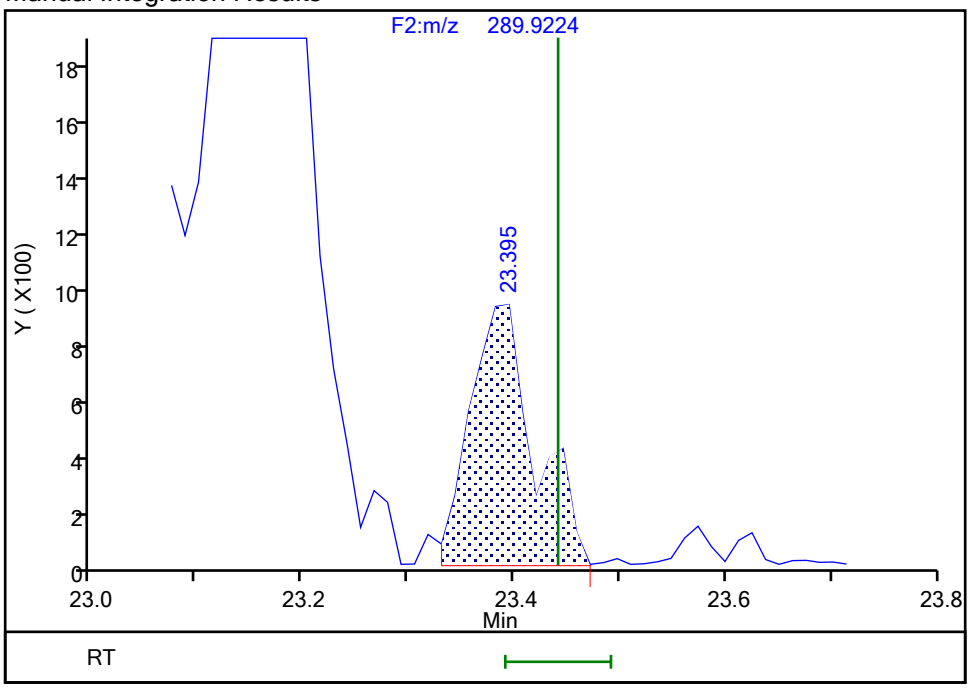
Not Detected
Expected RT: 23.44

Processing Integration Results



Manual Integration Results

RT: 23.39
Area: 3881
Amount: 0.195629
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:18:33 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

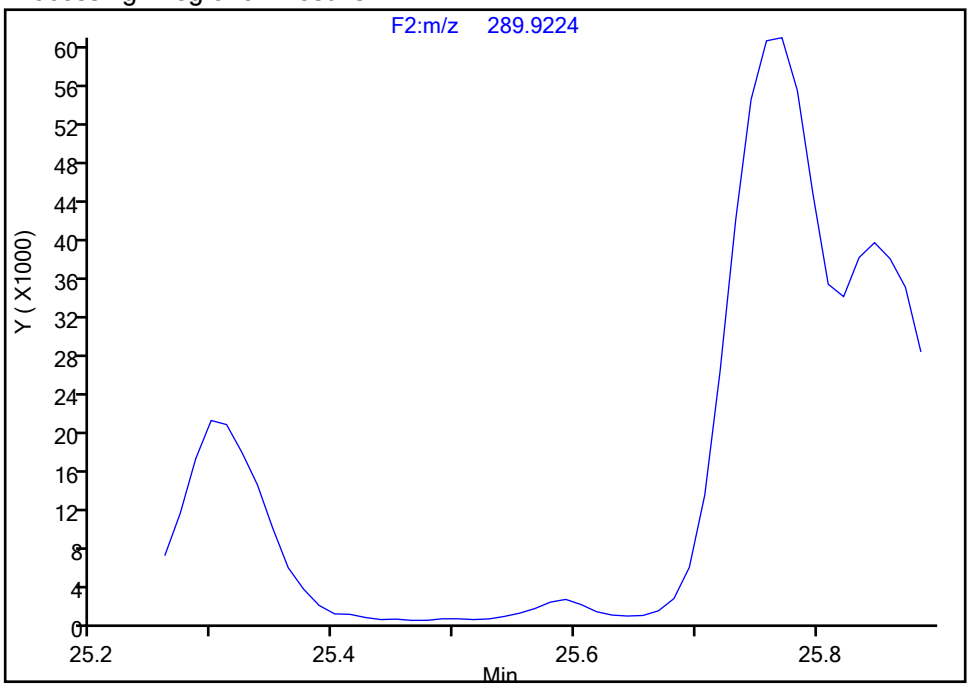
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-48, CAS: 70362-47-9

Signal: 1

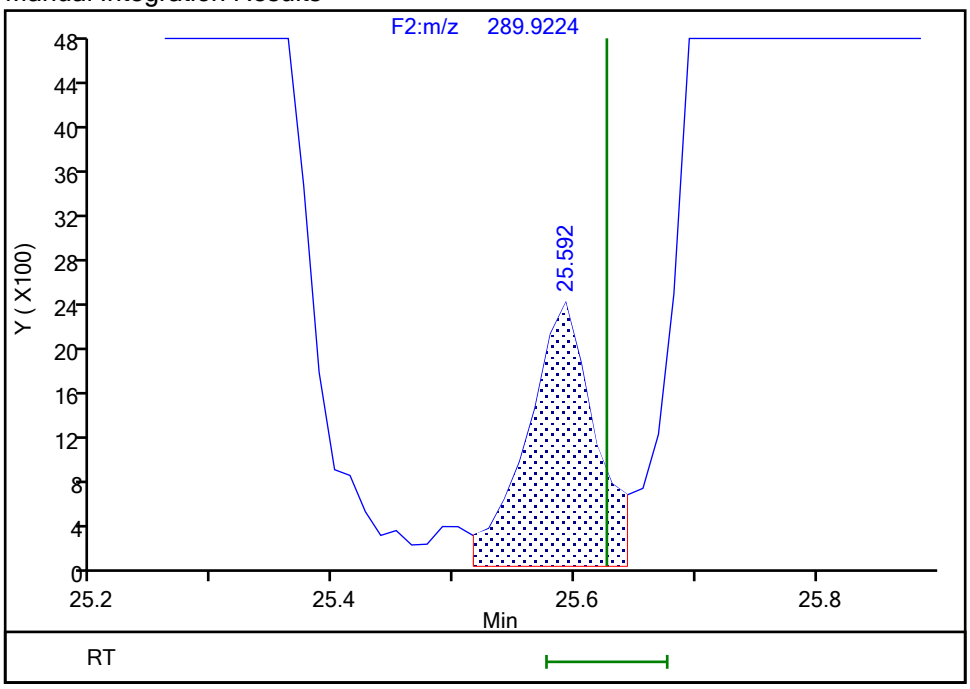
Not Detected
Expected RT: 25.63

Processing Integration Results



Manual Integration Results

RT: 25.59
Area: 9058
Amount: 0.441102
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:19:06 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

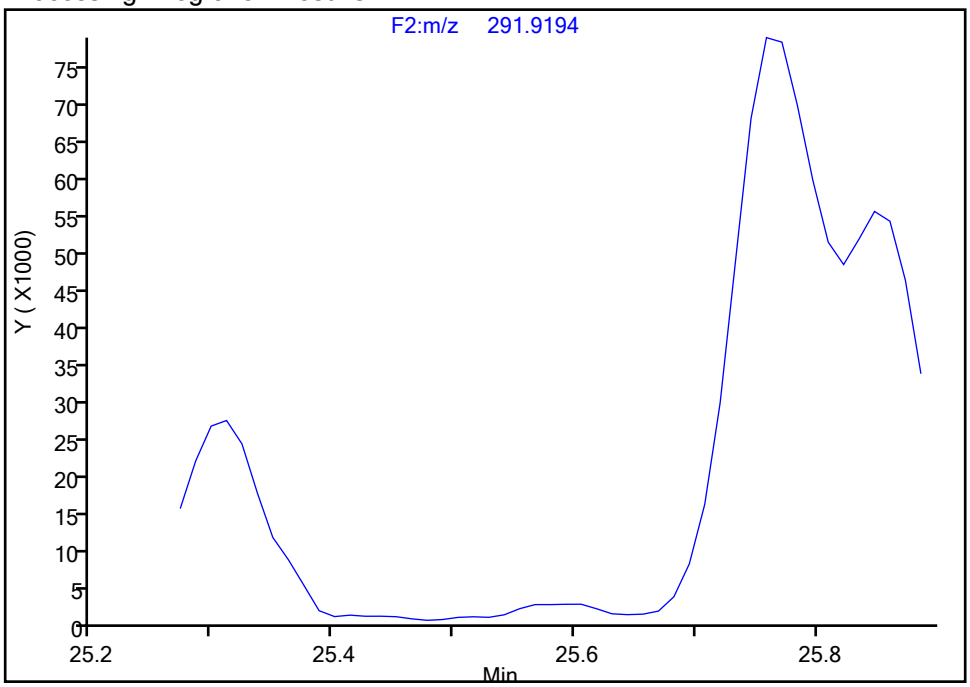
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-48, CAS: 70362-47-9

Signal: 2

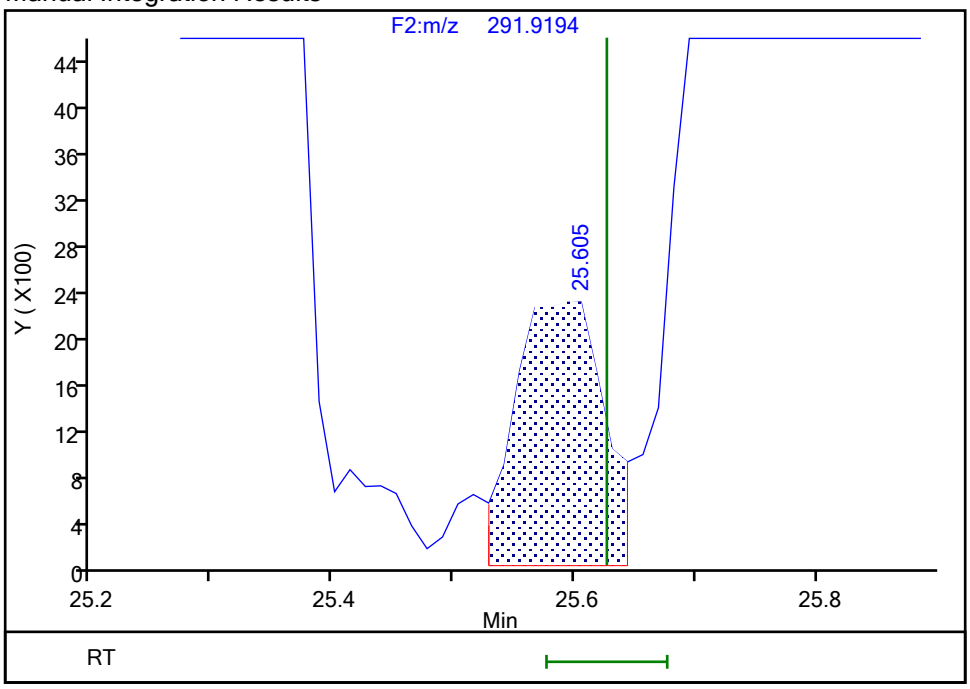
Not Detected
Expected RT: 25.63

Processing Integration Results



Manual Integration Results

RT: 25.61
Area: 11532
Amount: 0.441102
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:19:12 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

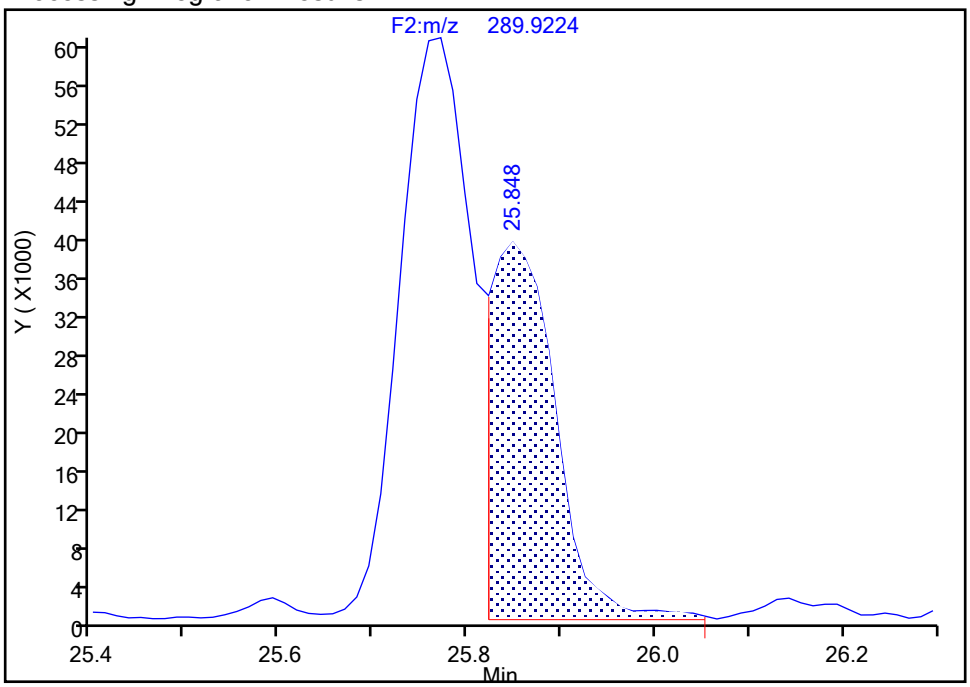
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-44/47/65, CAS: STL01803

Signal: 1

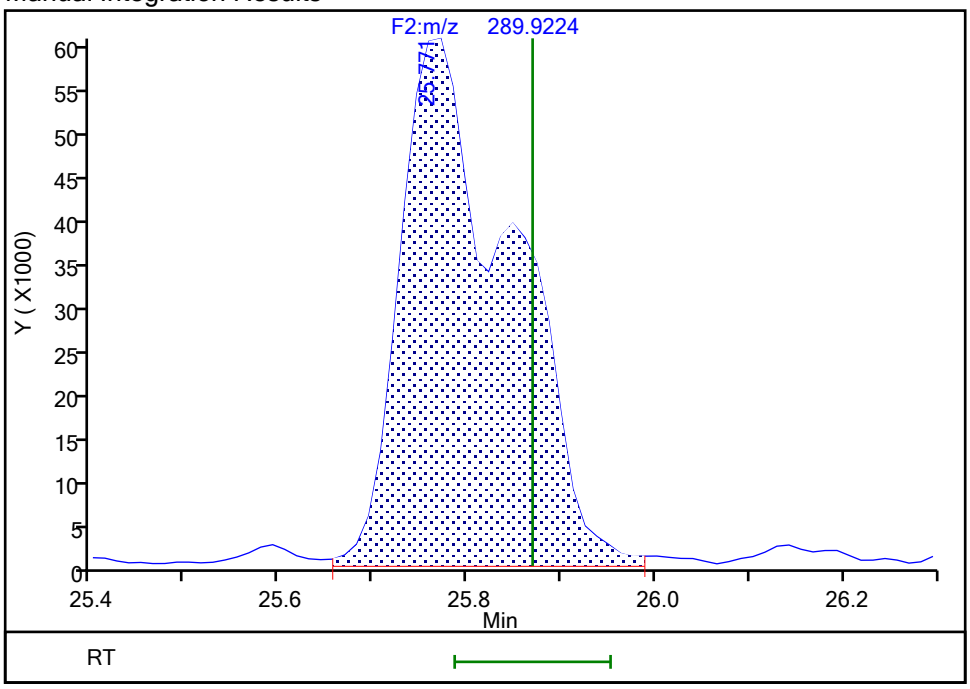
Processing Integration Results

RT: 25.85
Area: 183703
Amount: 8.134524
Amount Units: pg/ul



Manual Integration Results

RT: 25.77
Area: 502390
Amount: 22.185852
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:23:04 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

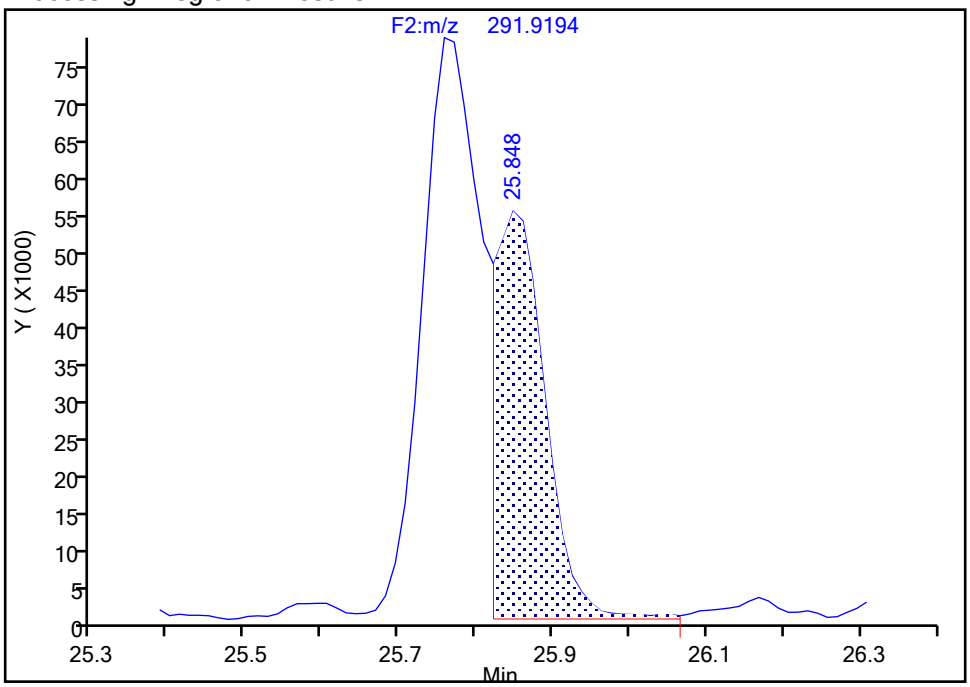
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-44/47/65, CAS: STL01803

Signal: 2

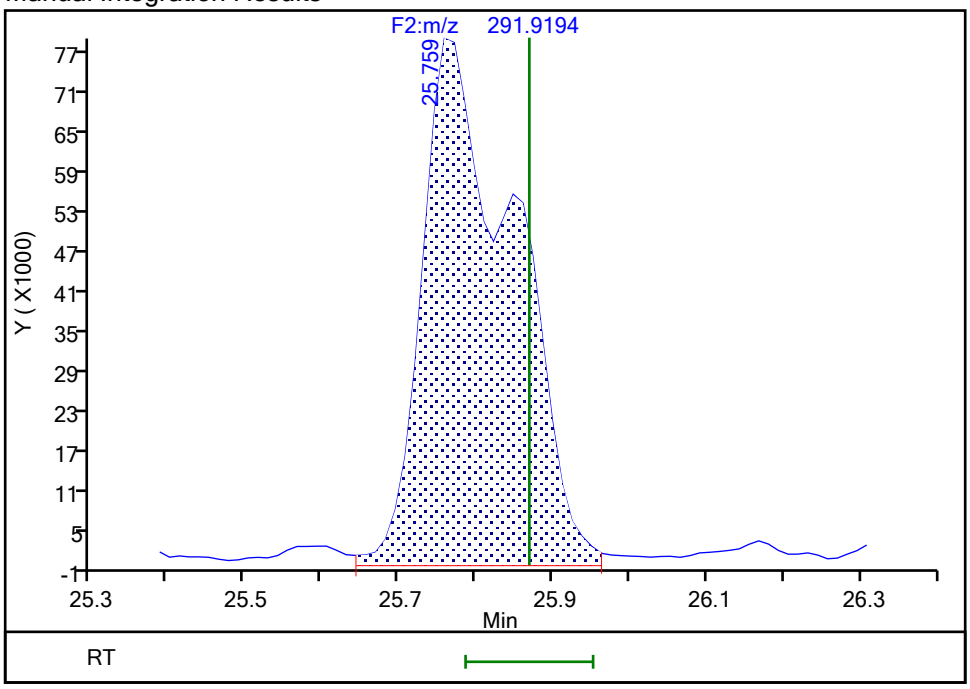
Processing Integration Results

RT: 25.85
Area: 240600
Amount: 8.134524
Amount Units: pg/ul



Manual Integration Results

RT: 25.76
Area: 654841
Amount: 22.185852
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:23:09 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

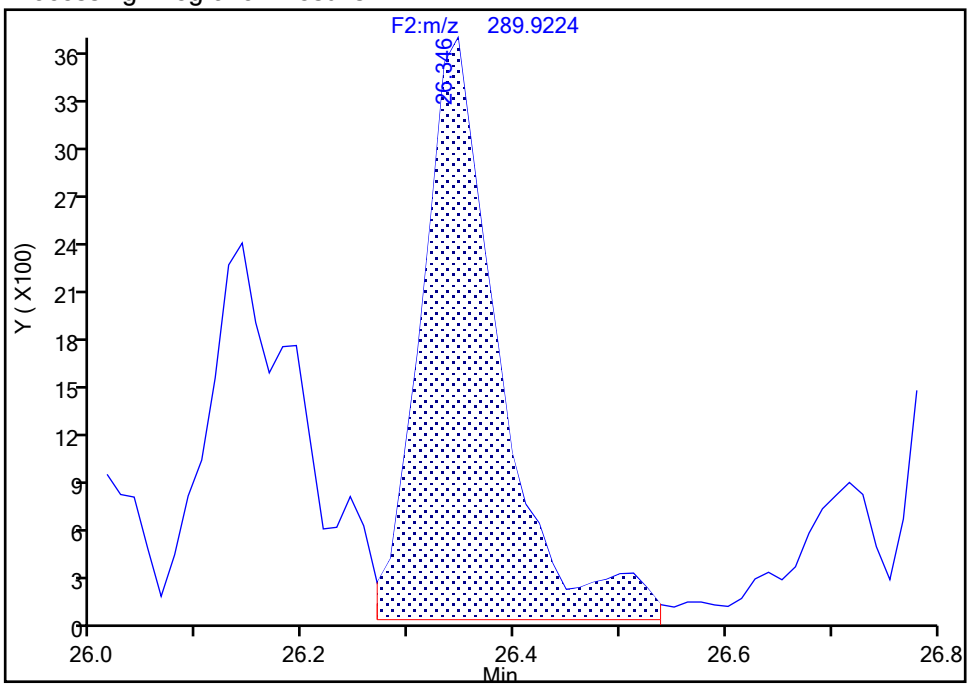
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-42, CAS: 36559-22-5

Signal: 1

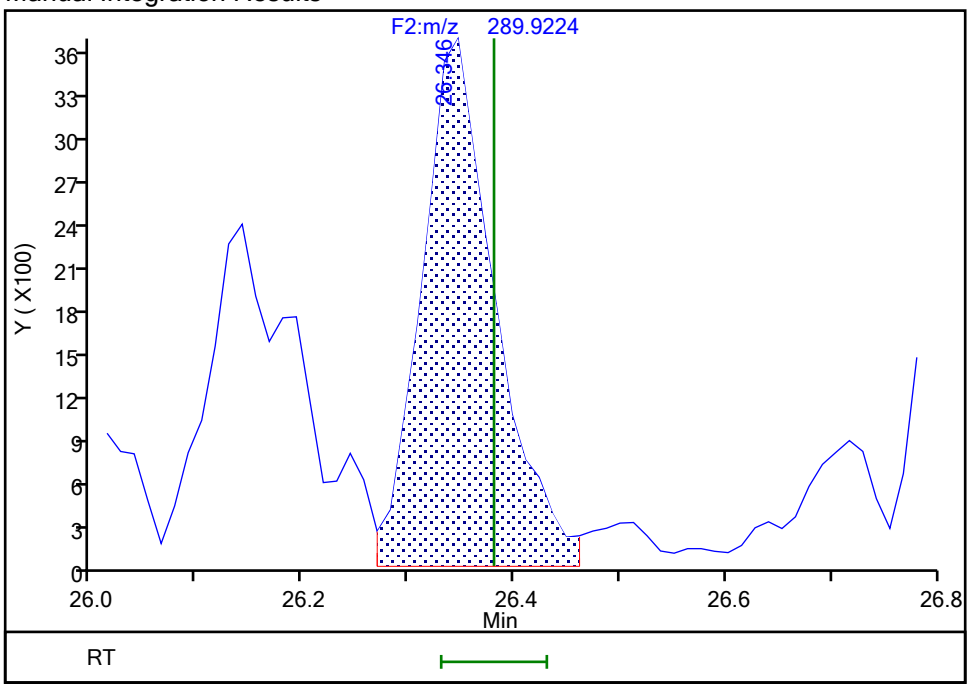
Processing Integration Results

RT: 26.35
Area: 18325
Amount: 0.965905
Amount Units: pg/ul



Manual Integration Results

RT: 26.35
Area: 17242
Amount: 0.940572
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:23:52 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

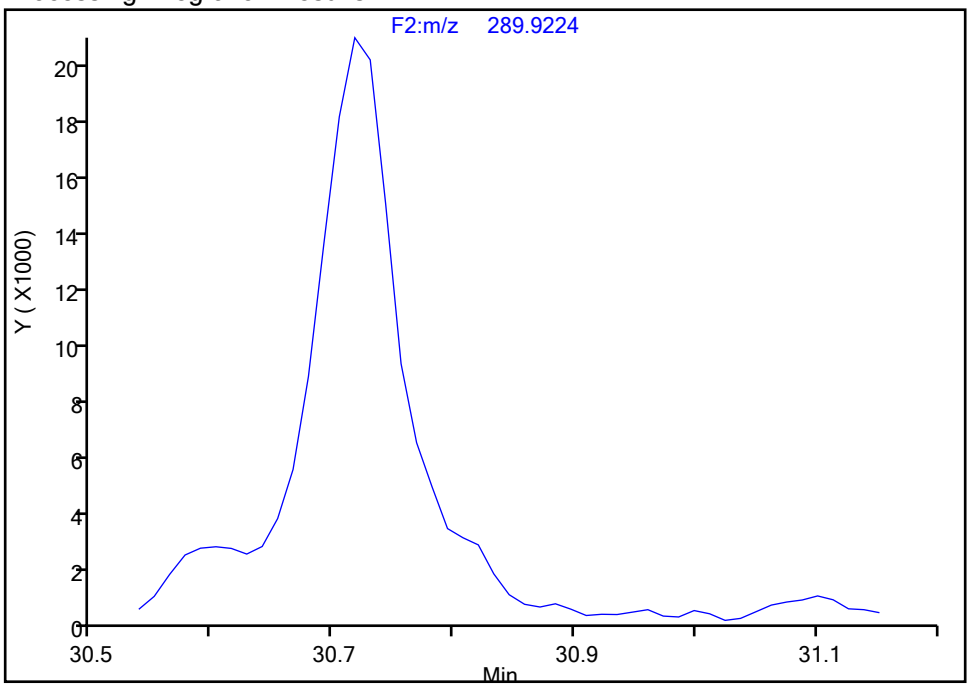
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 1

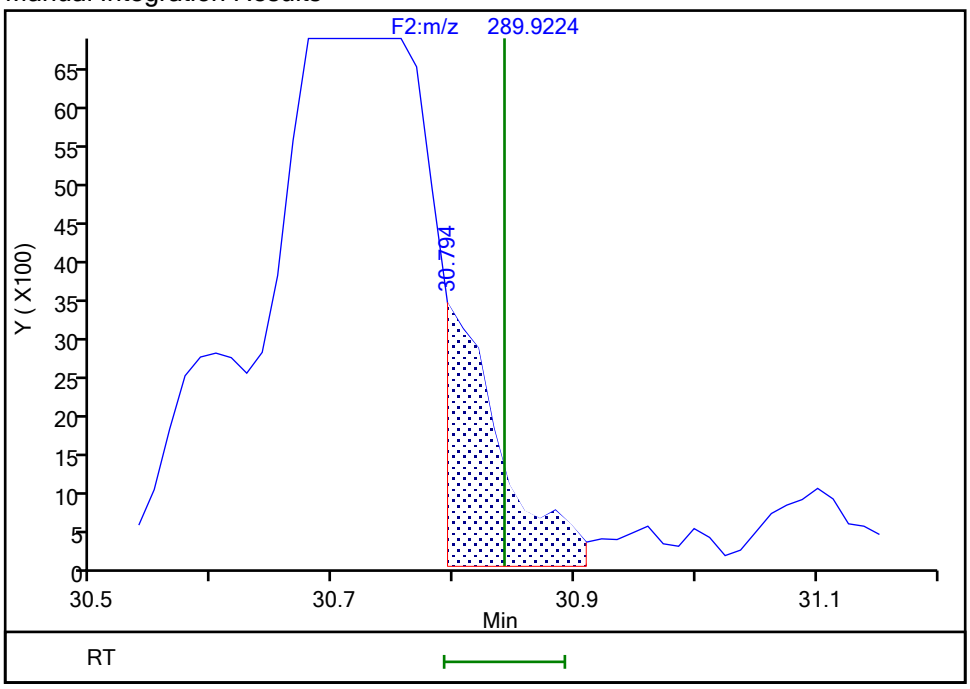
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.79
Area: 10034
Amount: 0.303421
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:24:08 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

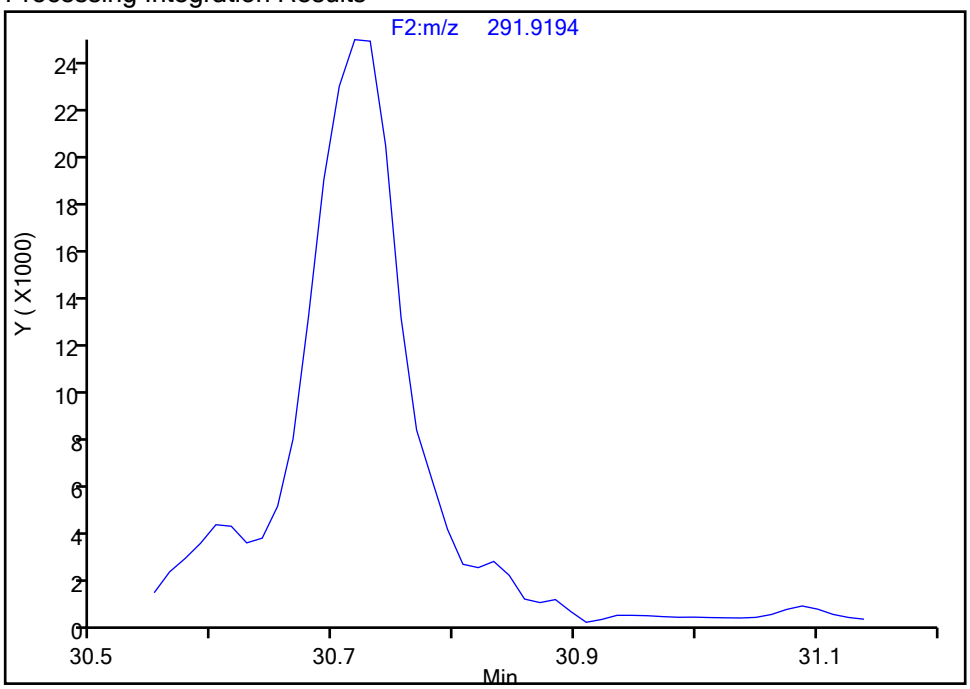
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-60, CAS: 33025-41-1

Signal: 2

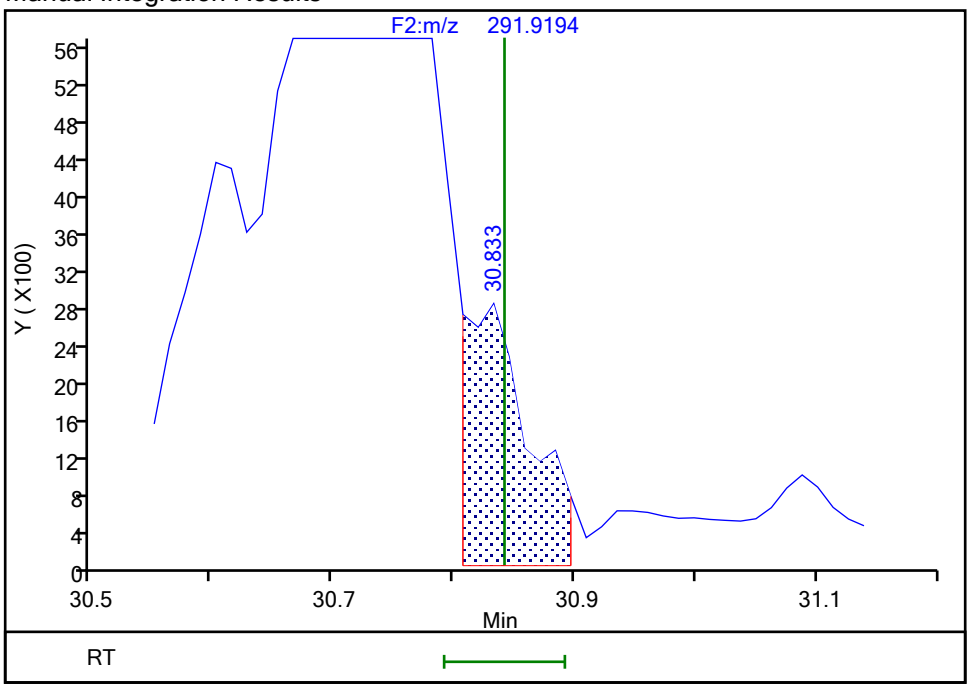
Not Detected
Expected RT: 30.84

Processing Integration Results



Manual Integration Results

RT: 30.83
Area: 9880
Amount: 0.303421
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:24:11 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

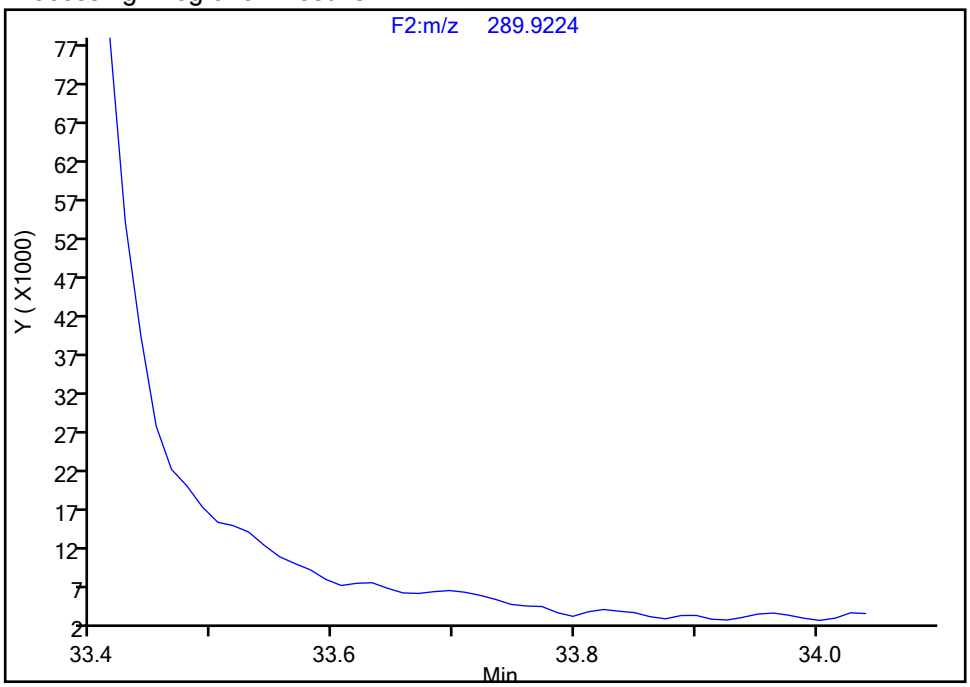
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 1

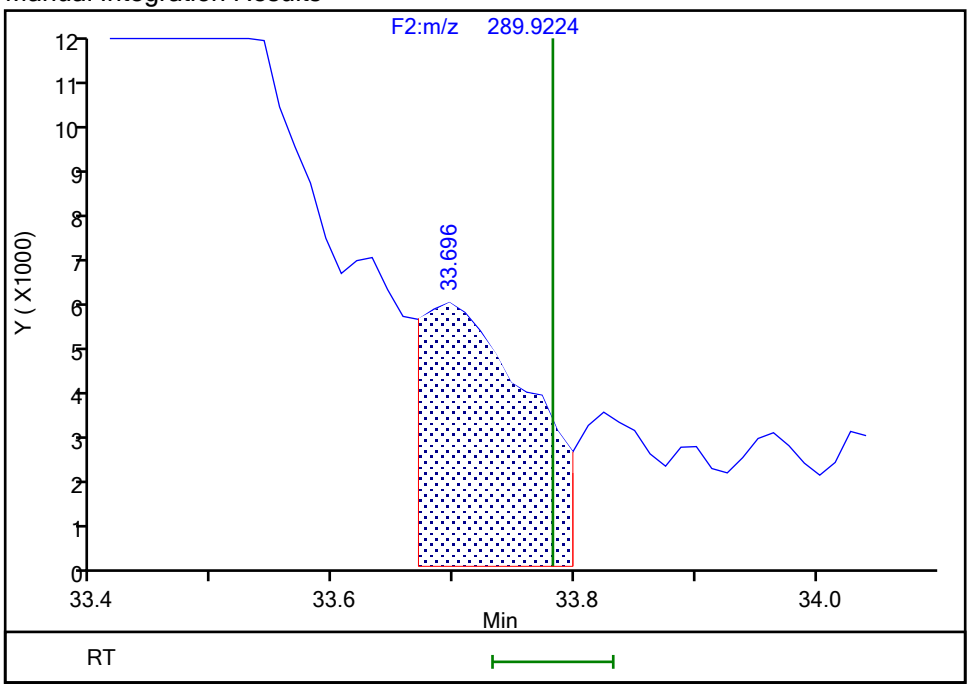
Not Detected
Expected RT: 33.78

Processing Integration Results



Manual Integration Results

RT: 33.70
Area: 35496
Amount: 1.340505
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:24:23 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

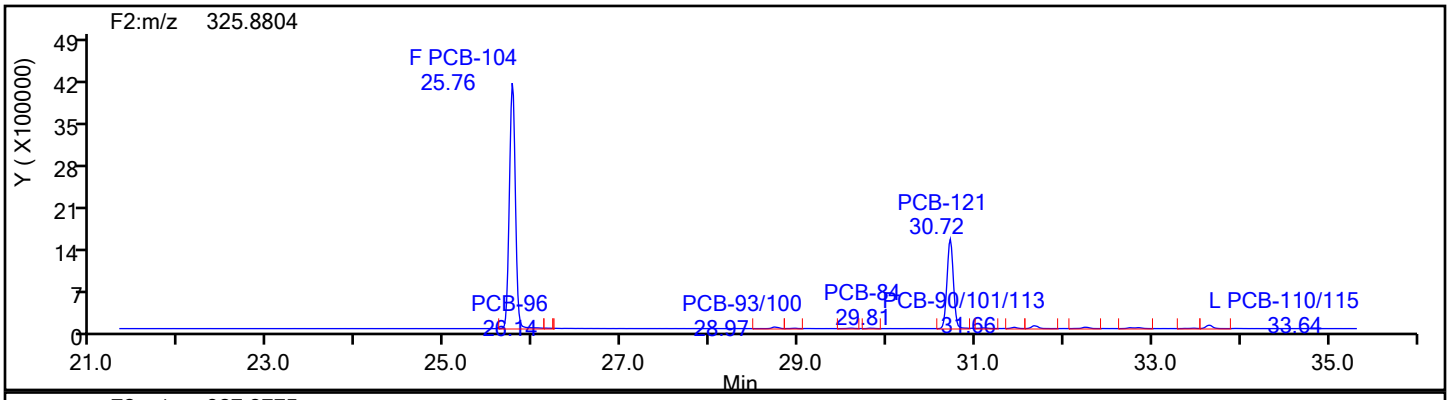
Report Date: 05-Jan-2024 00:45:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

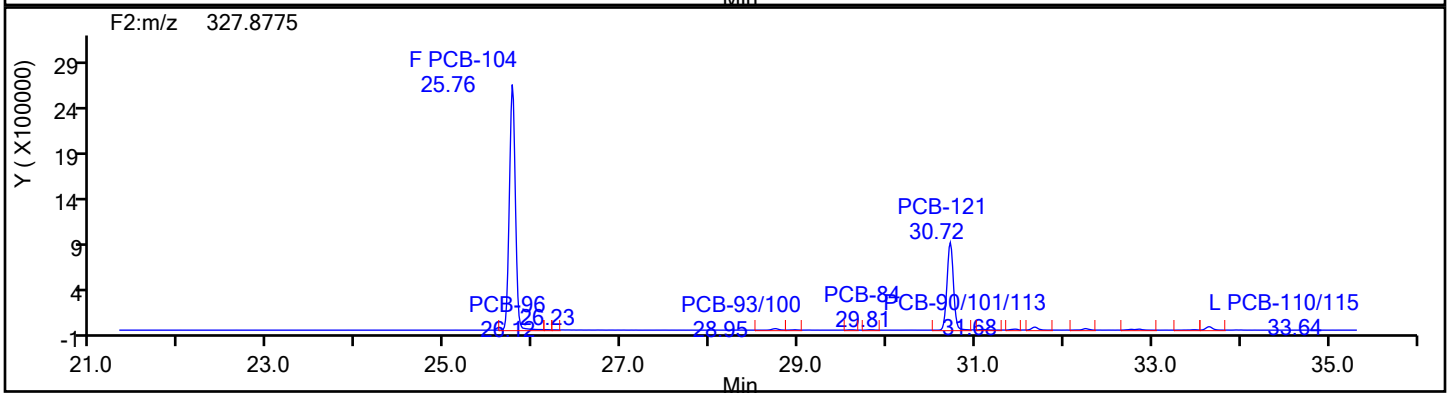
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

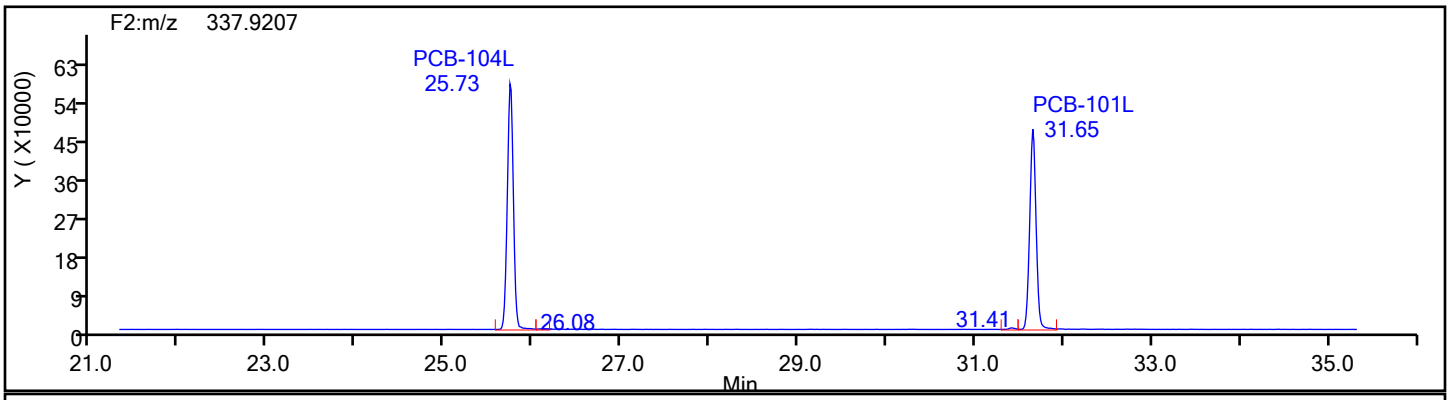
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

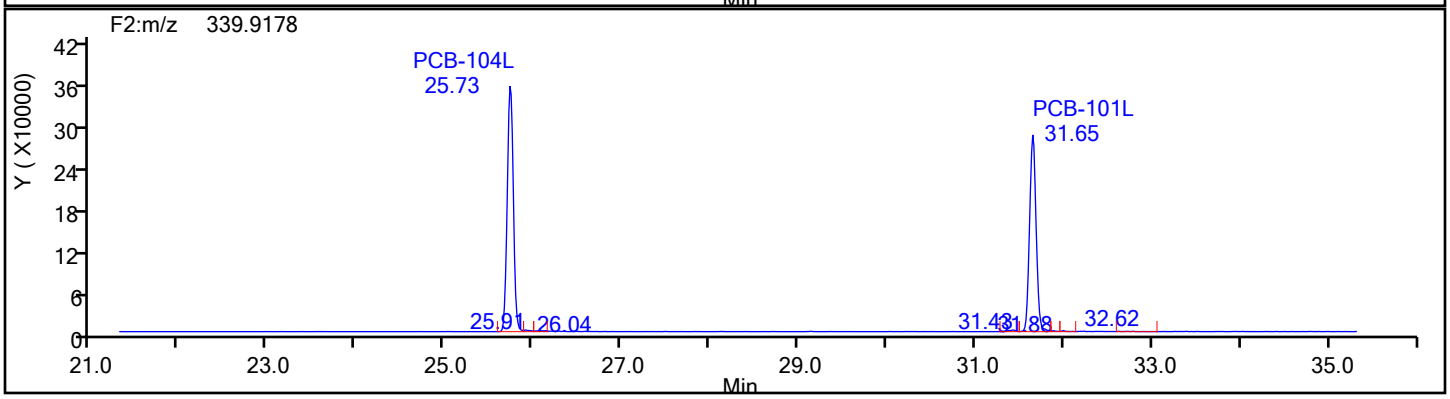
PePCB F2





PePCB F2 Standards



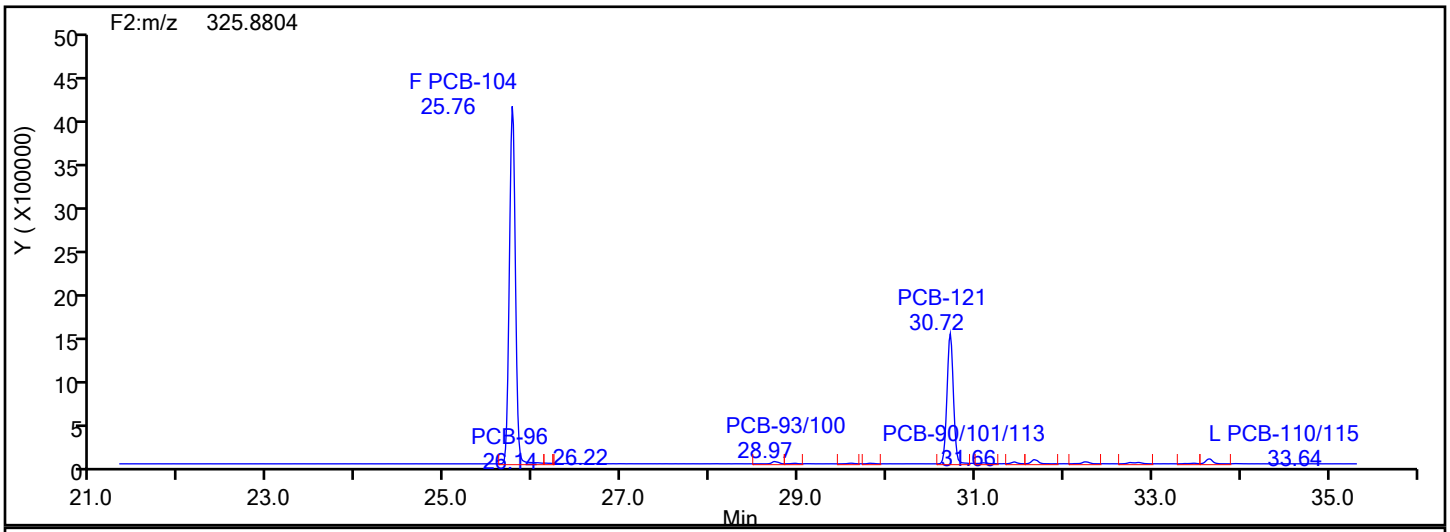


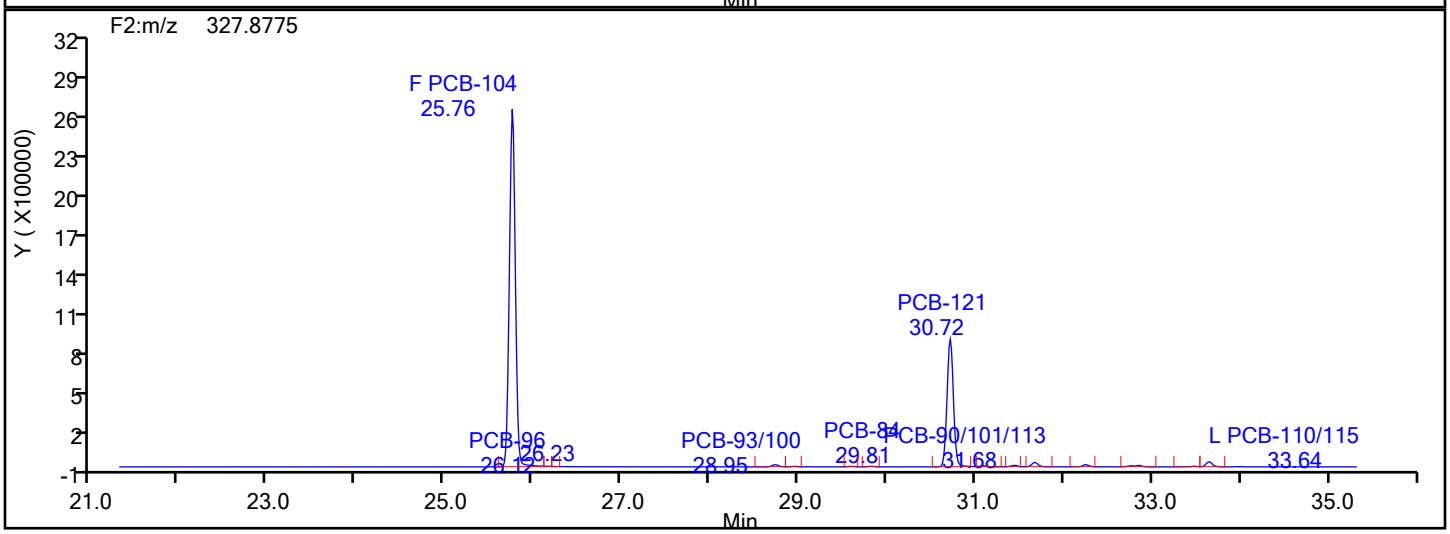
Report Date: 05-Jan-2024 00:45:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

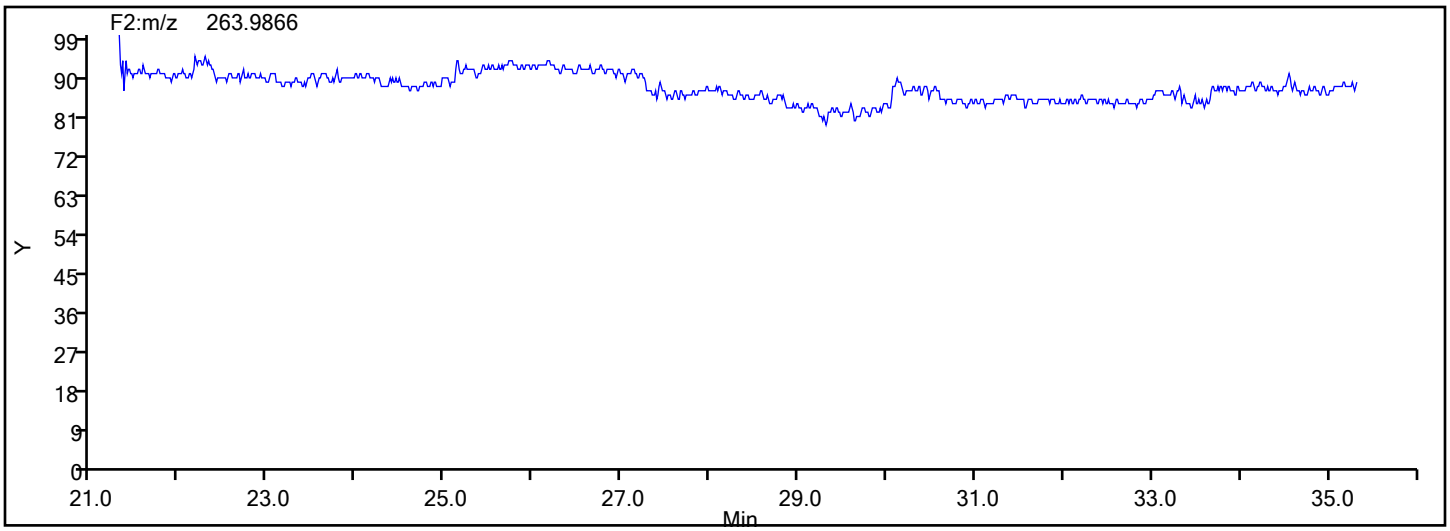
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

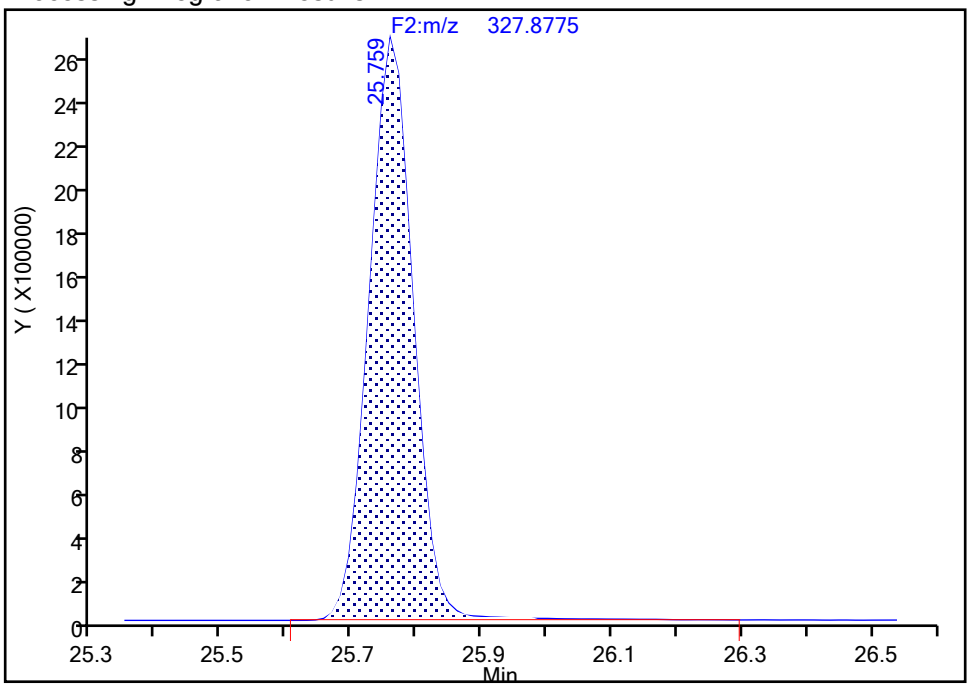
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-104, CAS: 56558-16-8

Signal: 2

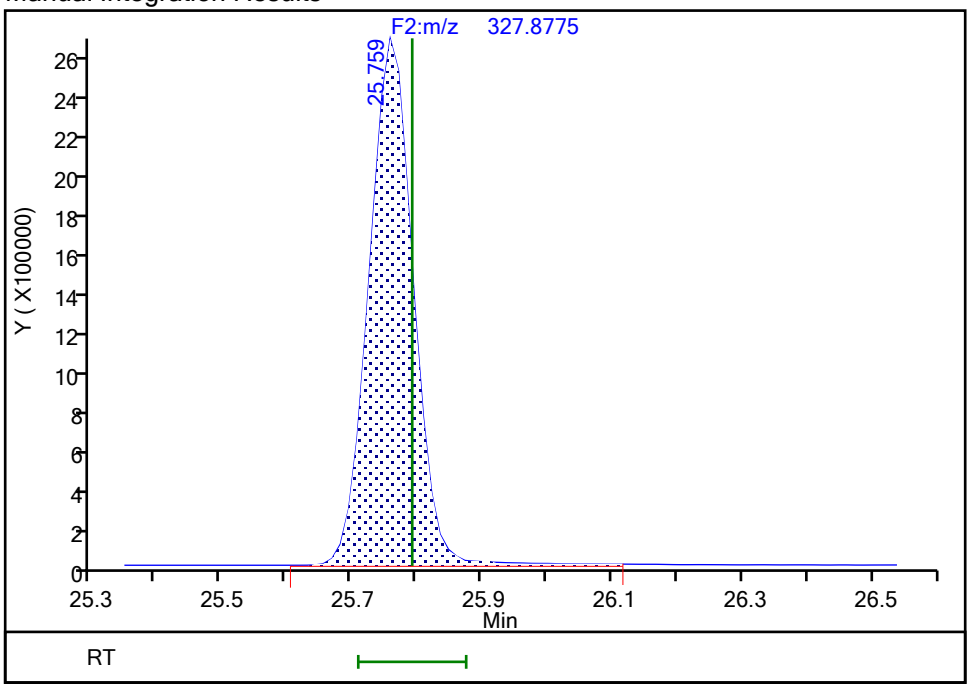
Processing Integration Results

RT: 25.76
Area: 12419037
Amount: 714.2574
Amount Units: pg/ul



Manual Integration Results

RT: 25.76
Area: 12381104
Amount: 713.4136
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:25:03 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

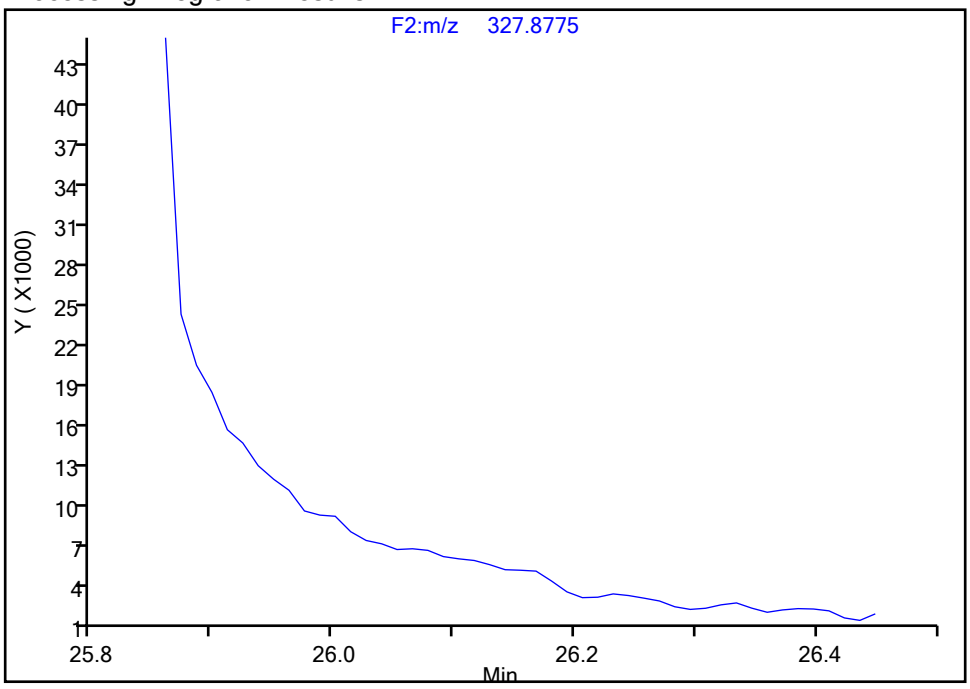
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-96, CAS: 73575-54-9

Signal: 2

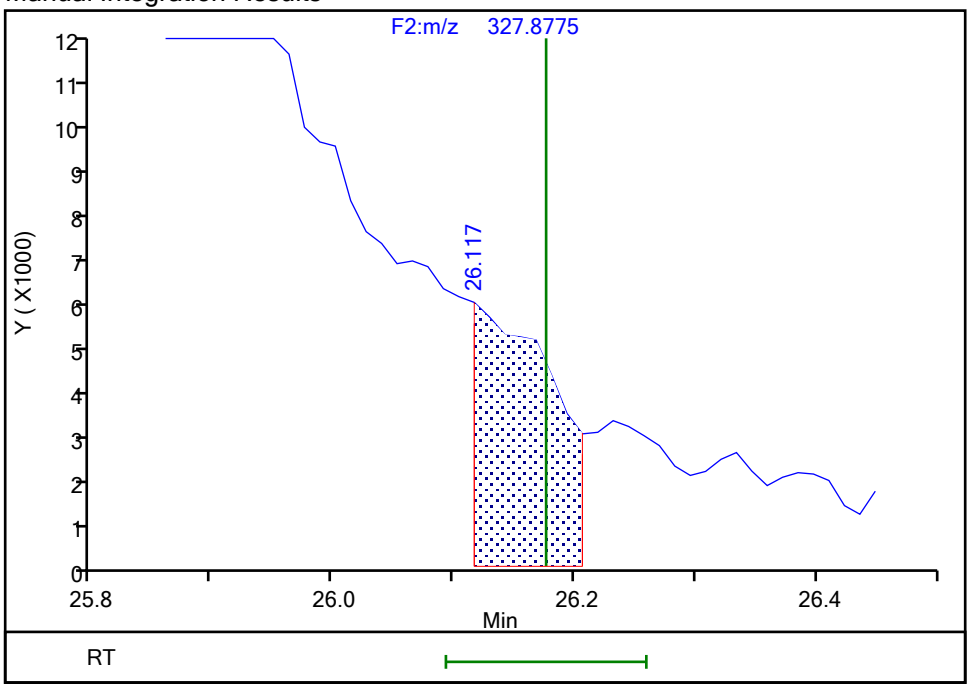
Not Detected
Expected RT: 26.18

Processing Integration Results



Manual Integration Results

RT: 26.12
Area: 23797
Amount: 1.261446
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:25:03 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

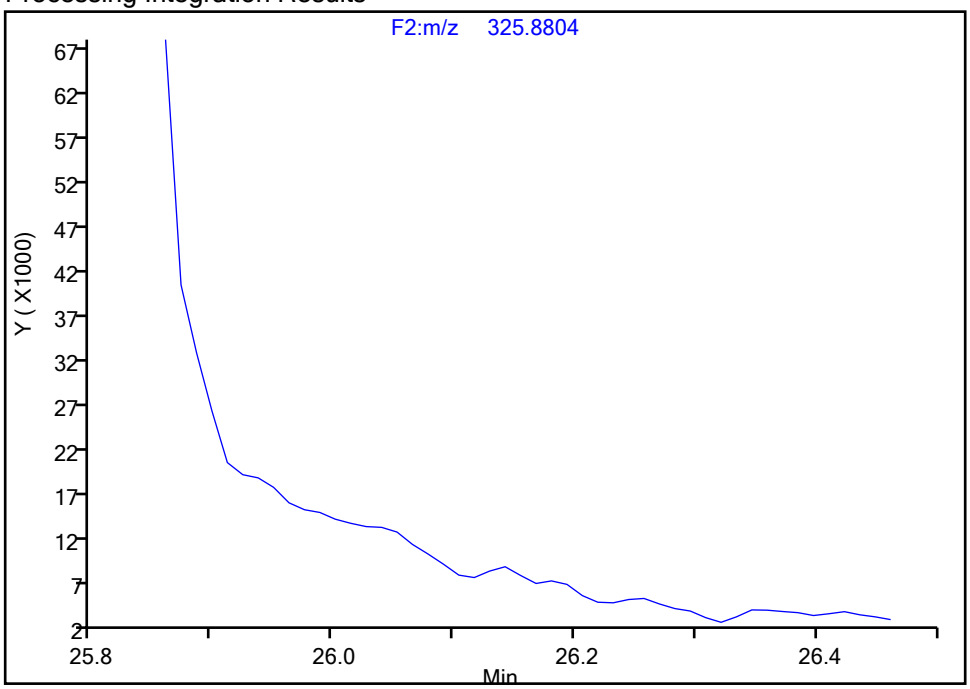
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-96, CAS: 73575-54-9

Signal: 1

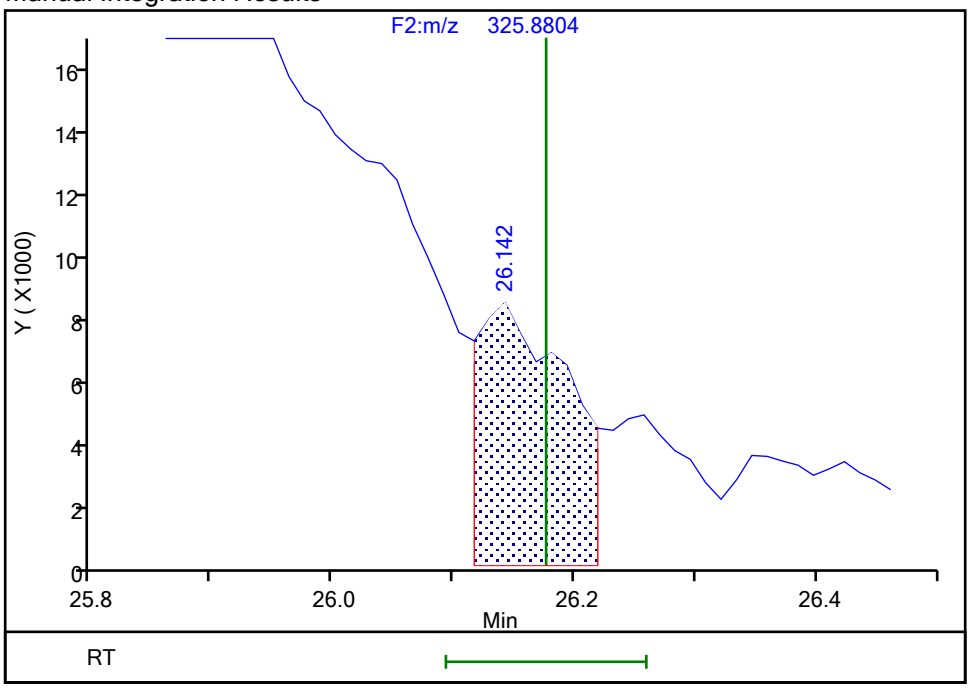
Not Detected
Expected RT: 26.18

Processing Integration Results



Manual Integration Results

RT: 26.14
Area: 41127
Amount: 1.261446
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:25:09 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

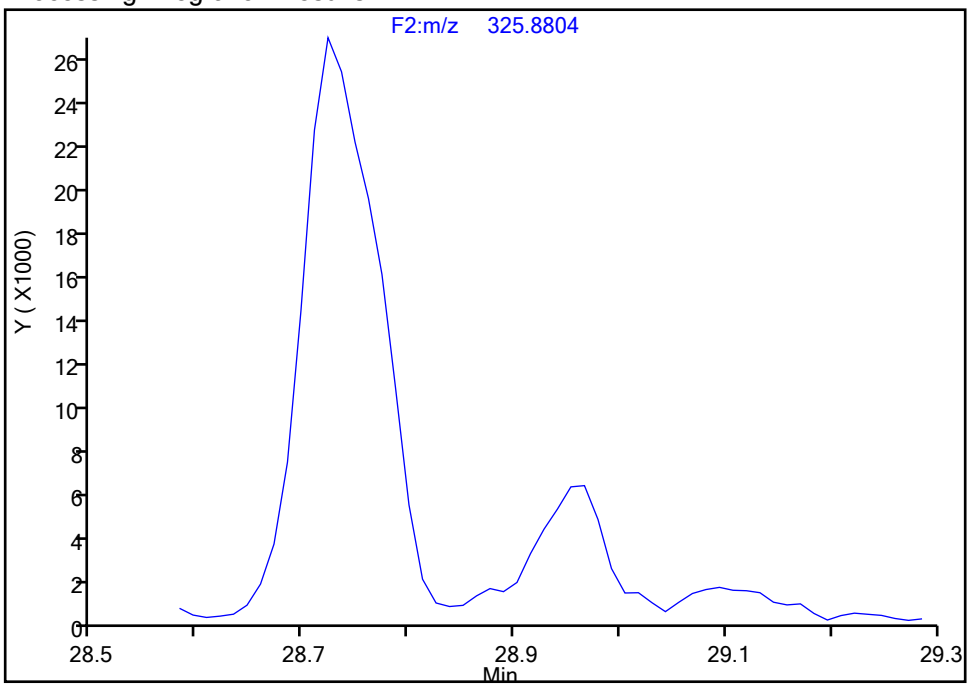
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 1

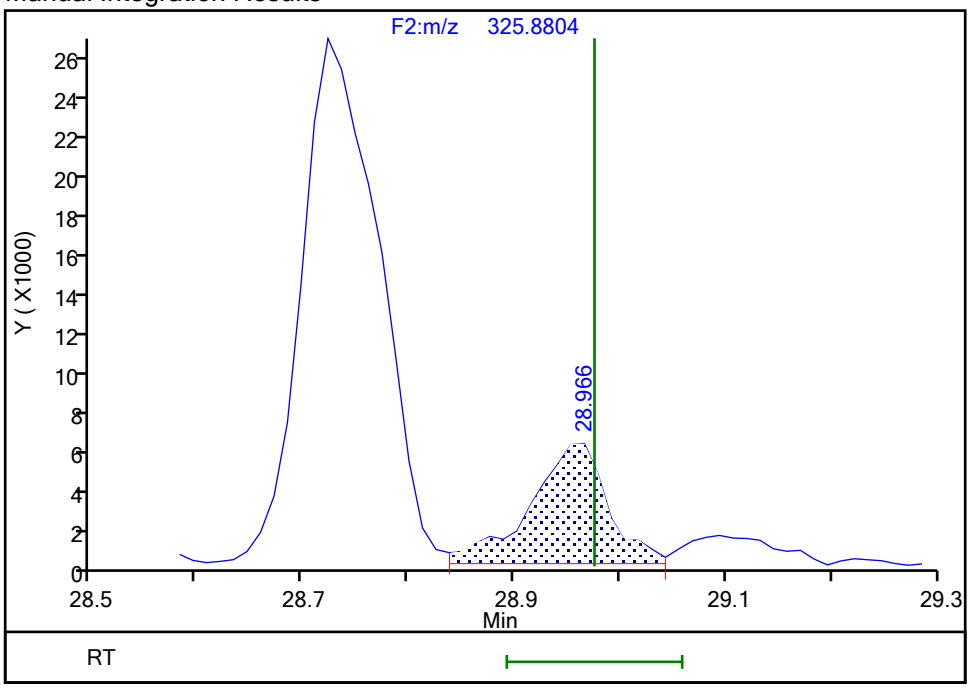
Not Detected
Expected RT: 28.98

Processing Integration Results



Manual Integration Results

RT: 28.97
Area: 30608
Amount: 1.458578
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:25:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

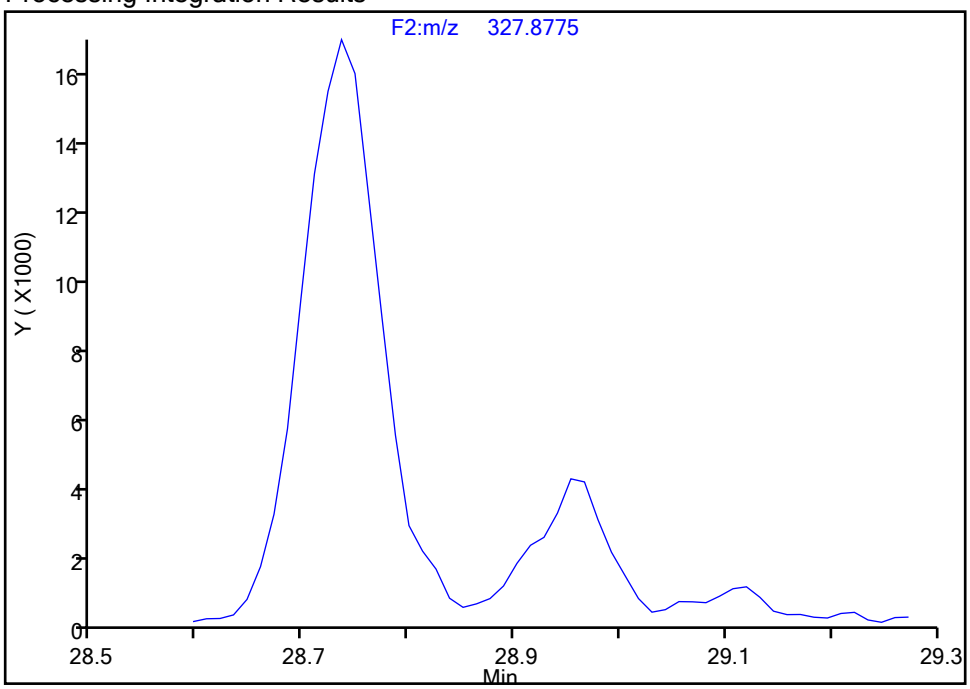
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-93/100, CAS: STL01814

Signal: 2

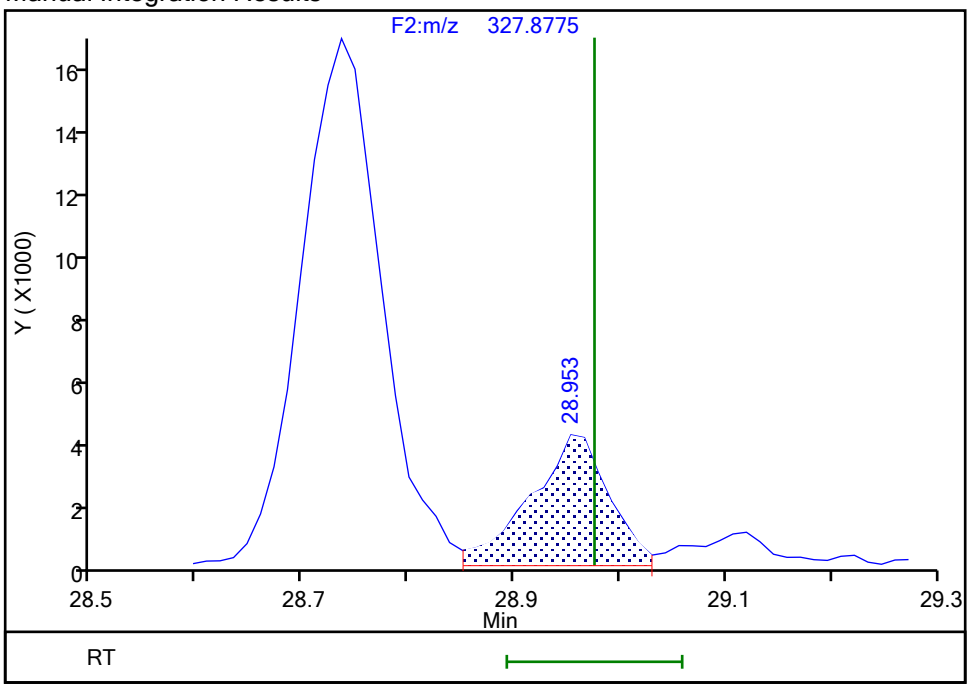
Not Detected
Expected RT: 28.98

Processing Integration Results



Manual Integration Results

RT: 28.95
Area: 20456
Amount: 1.458578
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:25:37 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

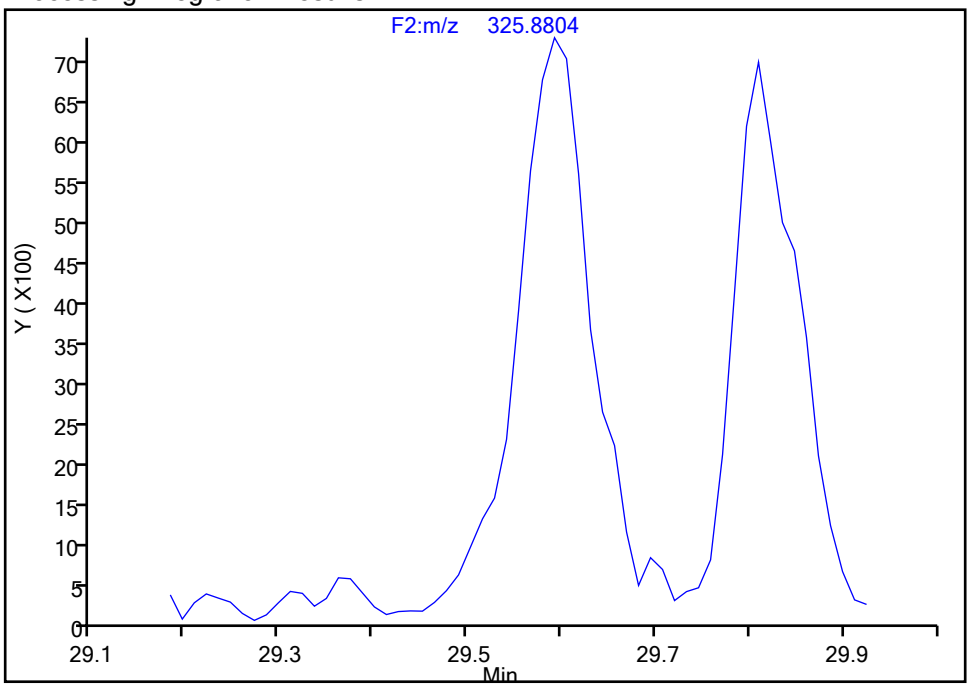
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 1

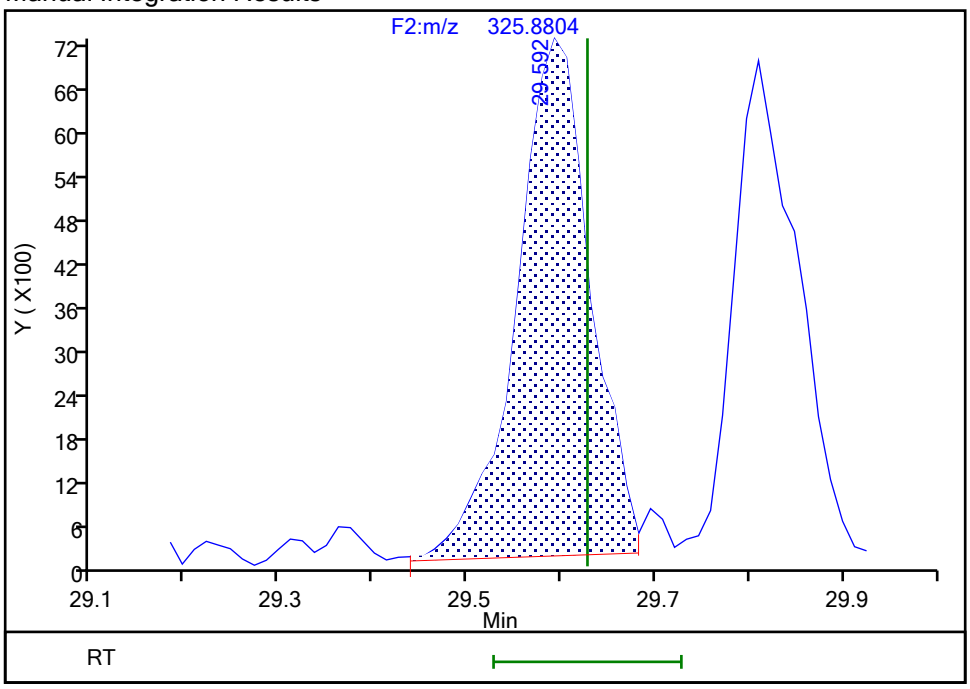
Not Detected
Expected RT: 29.63

Processing Integration Results



Manual Integration Results

RT: 29.59
Area: 39063
Amount: 1.617180
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:25:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

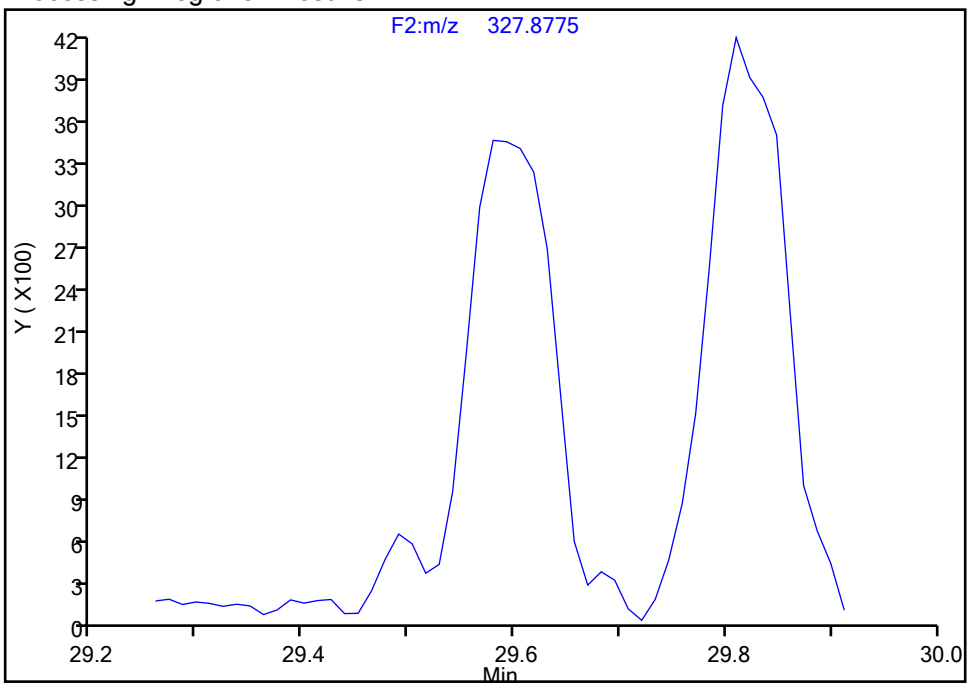
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 2

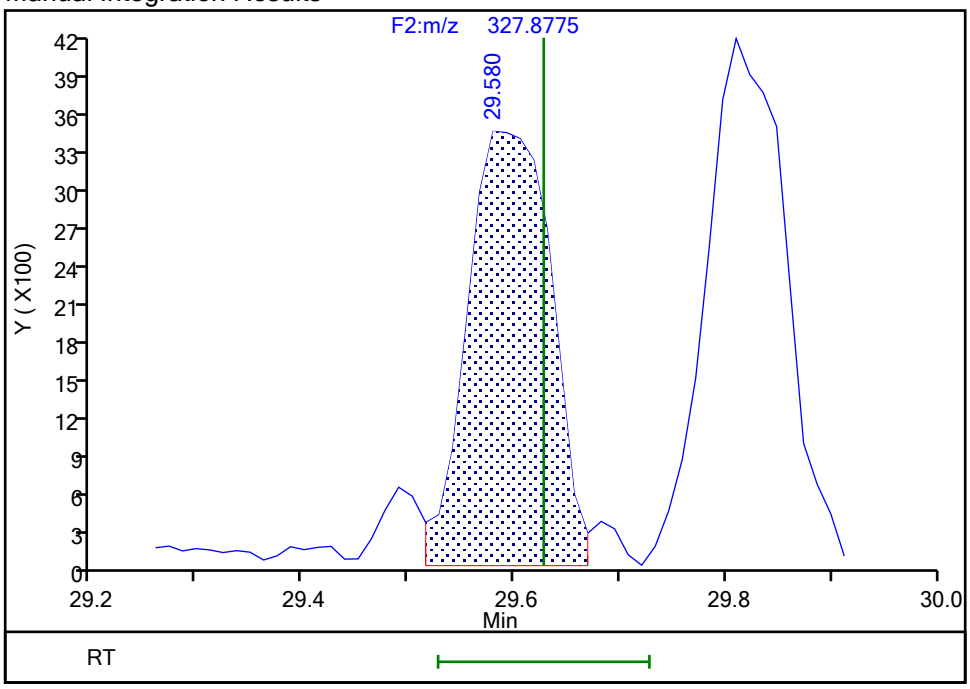
Not Detected
Expected RT: 29.63

Processing Integration Results



RT: 29.58
Area: 18949
Amount: 1.617180
Amount Units: pg/ul

Manual Integration Results



Reviewer: V4XA, 05-Jan-2024 00:25:51 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Eurofins Knoxville

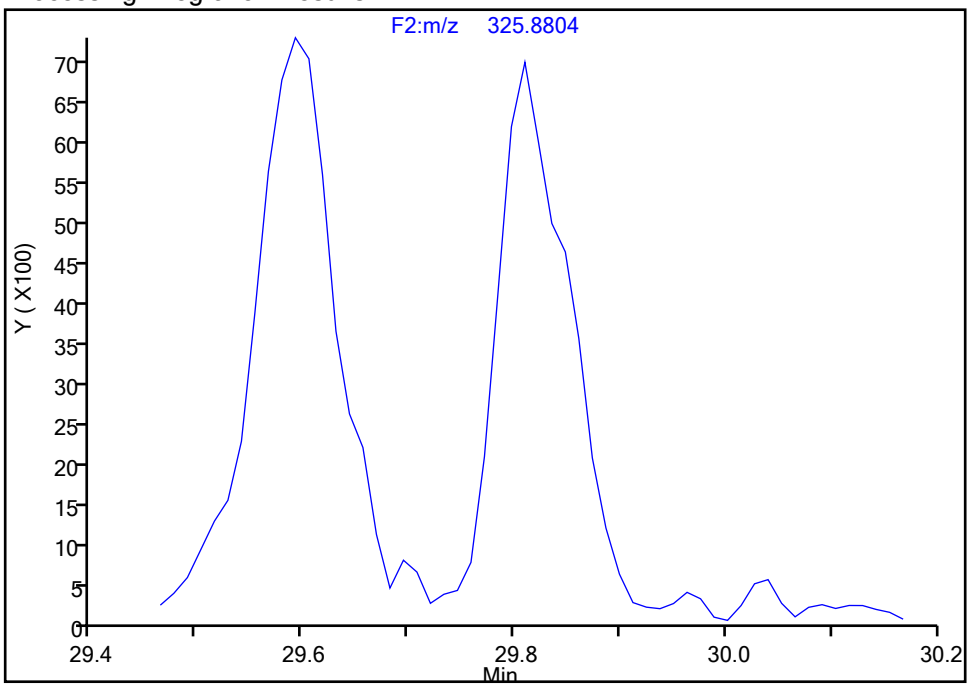
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-84, CAS: 52663-60-2

Signal: 1

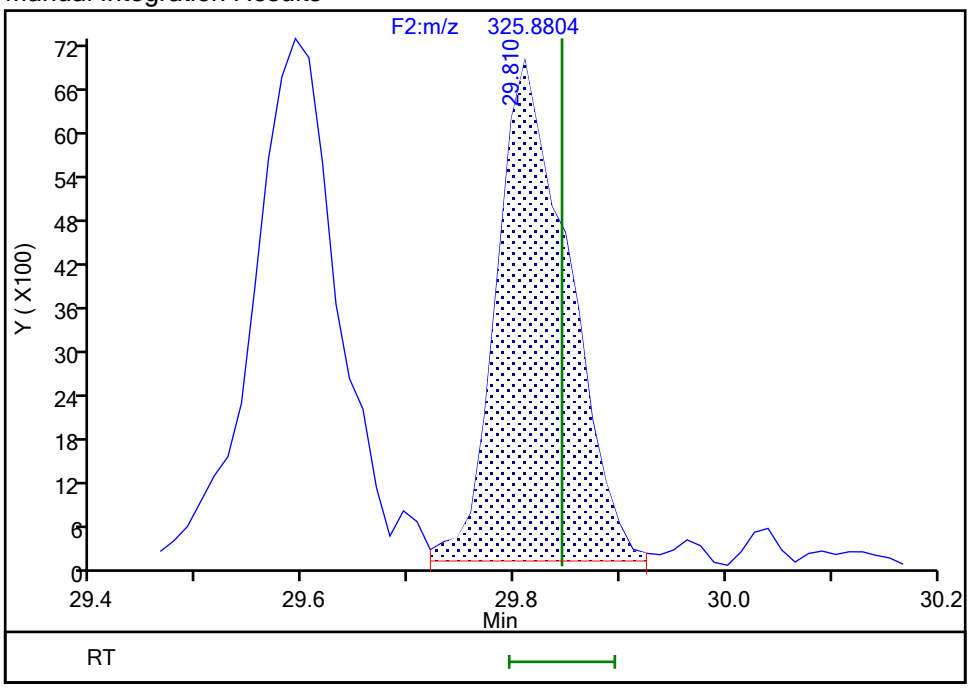
Not Detected
Expected RT: 29.84

Processing Integration Results



Manual Integration Results

RT: 29.81
Area: 32814
Amount: 1.778246
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:25:58 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

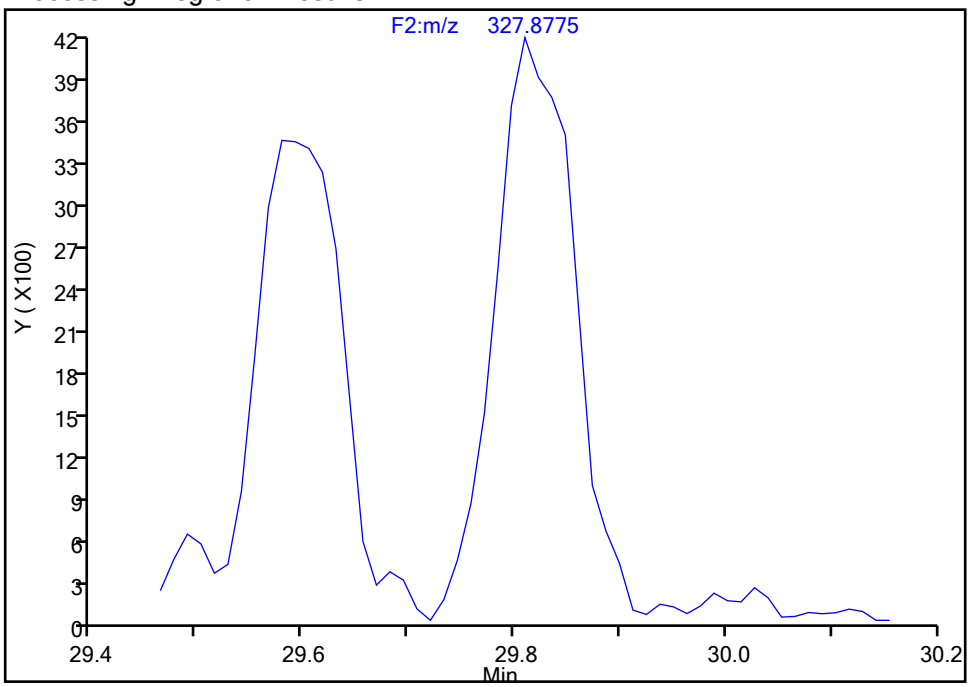
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-84, CAS: 52663-60-2

Signal: 2

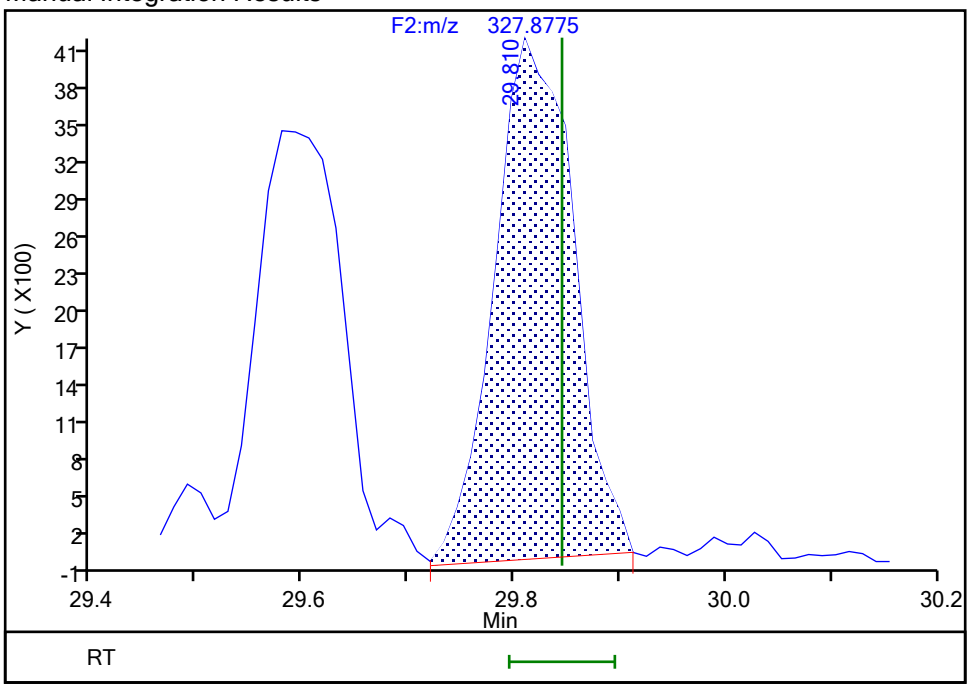
Processing Integration Results

Not Detected
Expected RT: 29.84



Manual Integration Results

RT: 29.81
Area: 21689
Amount: 1.778246
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:26:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

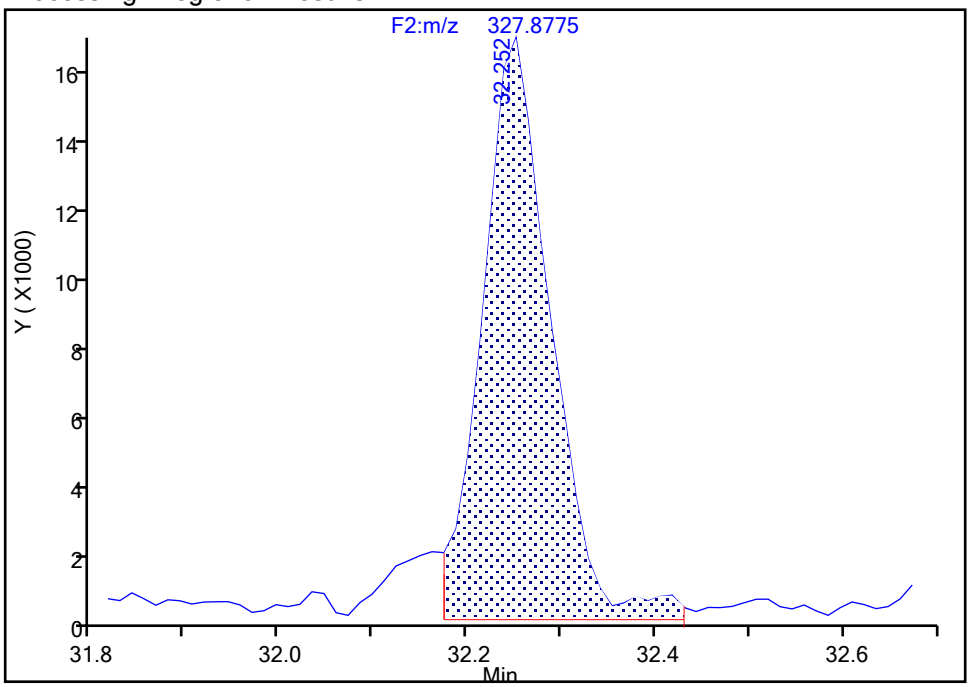
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-83/99, CAS: STL01809

Signal: 2

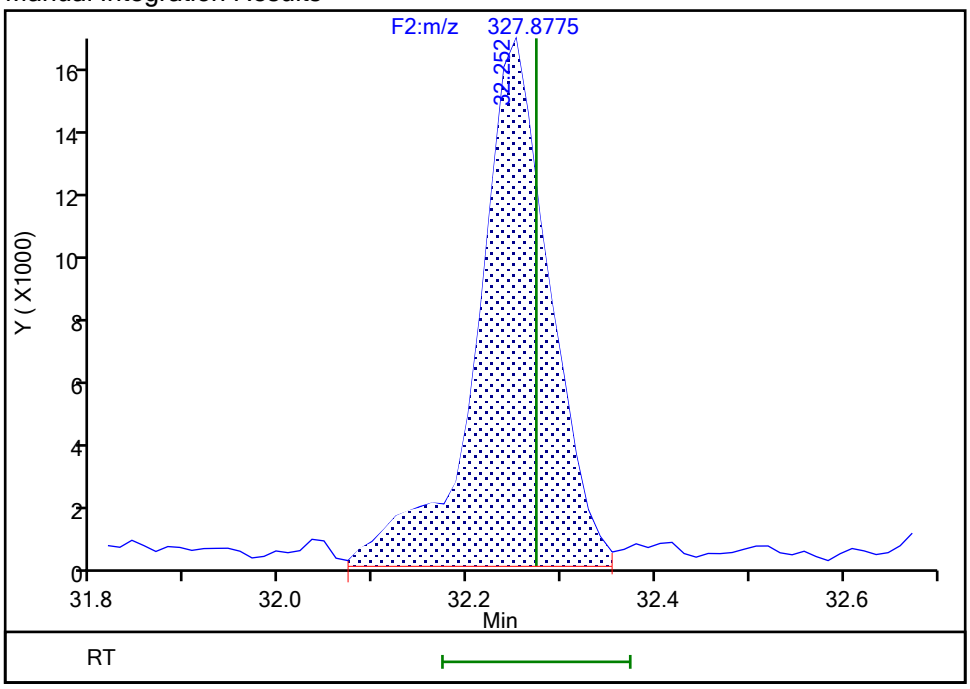
Processing Integration Results

RT: 32.25
Area: 83183
Amount: 5.755041
Amount Units: pg/ul



Manual Integration Results

RT: 32.25
Area: 88500
Amount: 5.889394
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:26:19 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

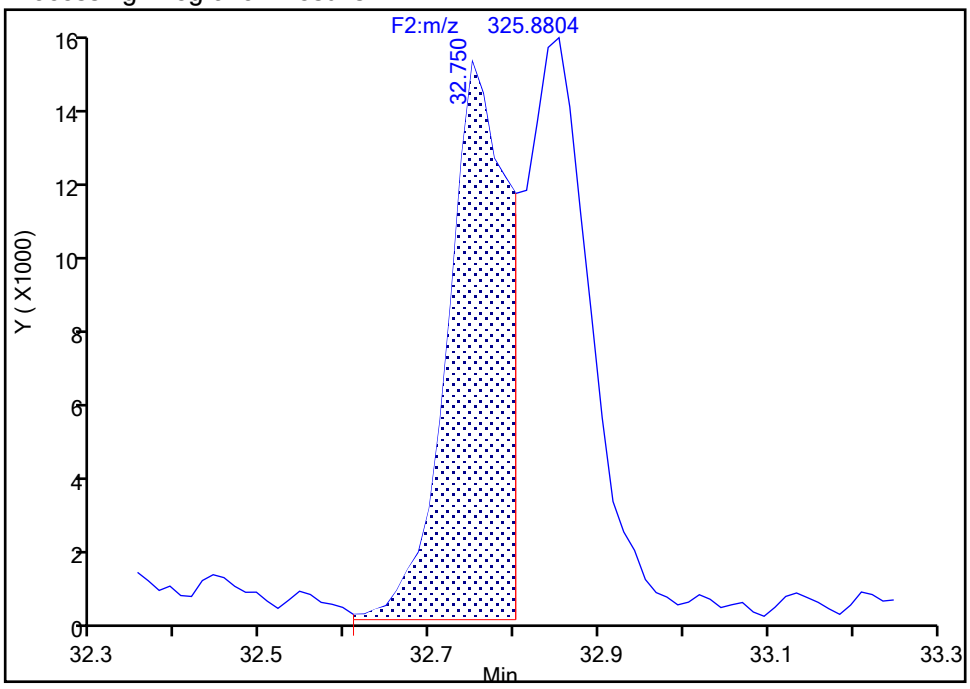
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

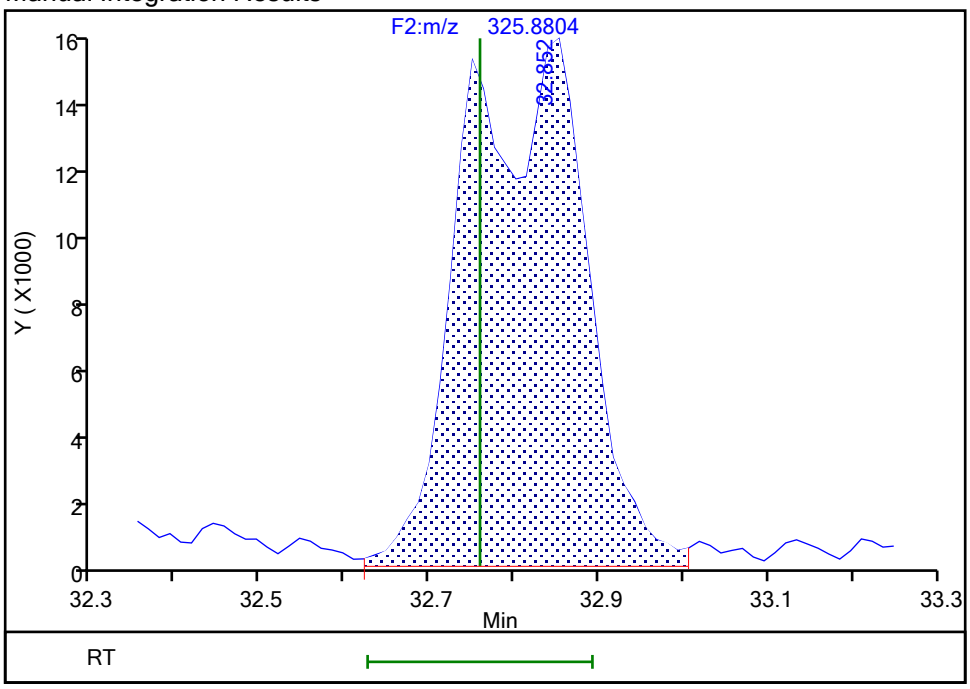
Processing Integration Results

RT: 32.75
Area: 72094
Amount: 2.464352
Amount Units: pg/ul



Manual Integration Results

RT: 32.85
Area: 157777
Amount: 5.512292
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:26:27 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

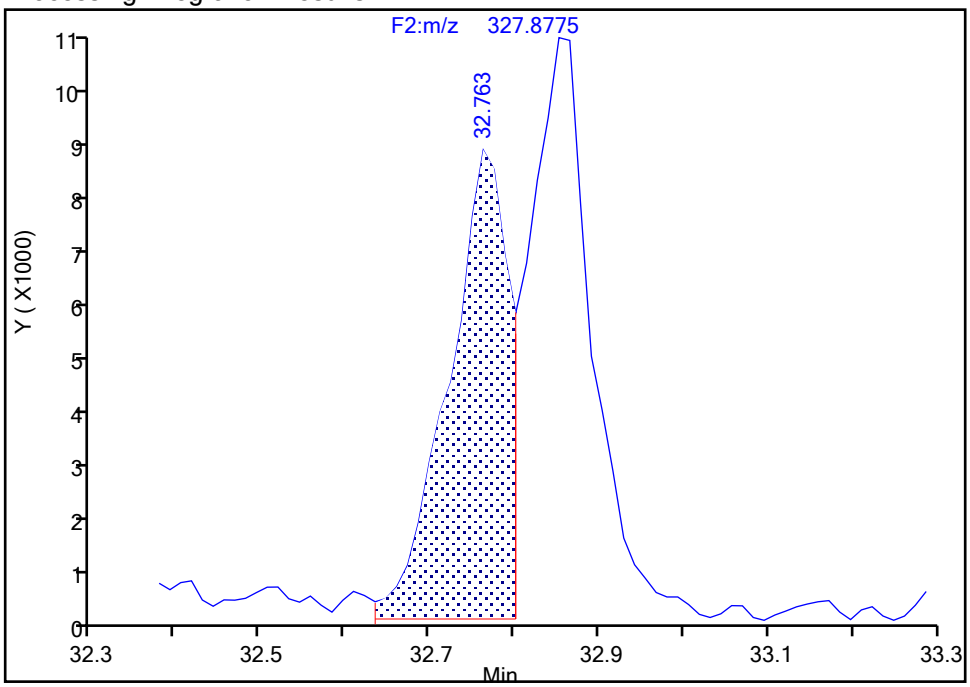
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

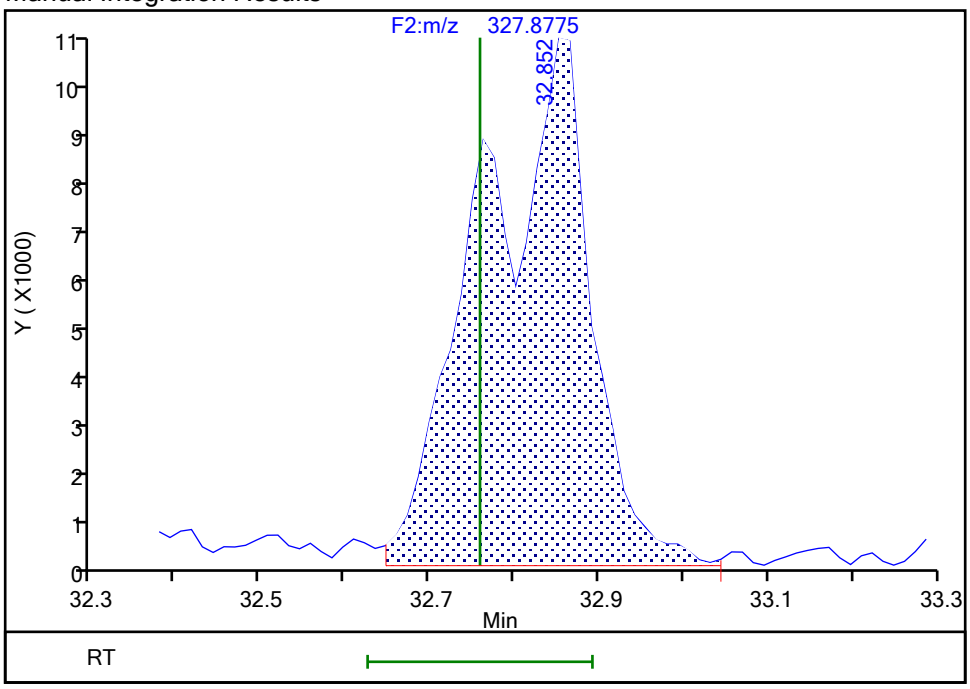
Processing Integration Results

RT: 32.76
Area: 41207
Amount: 2.464352
Amount Units: pg/ul



Manual Integration Results

RT: 32.85
Area: 95656
Amount: 5.512292
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:26:32 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

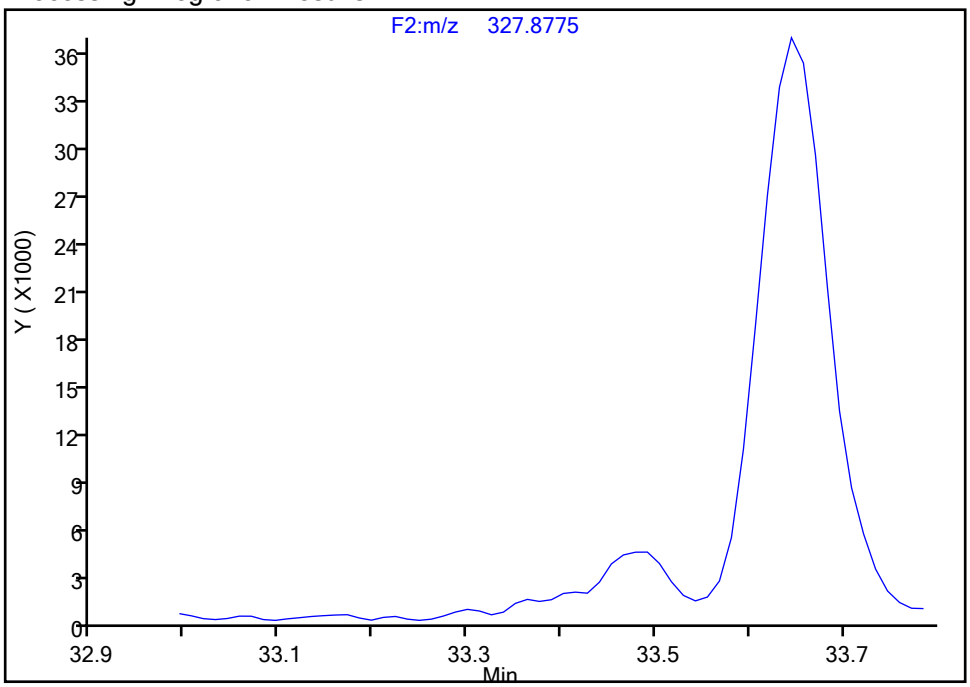
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 2

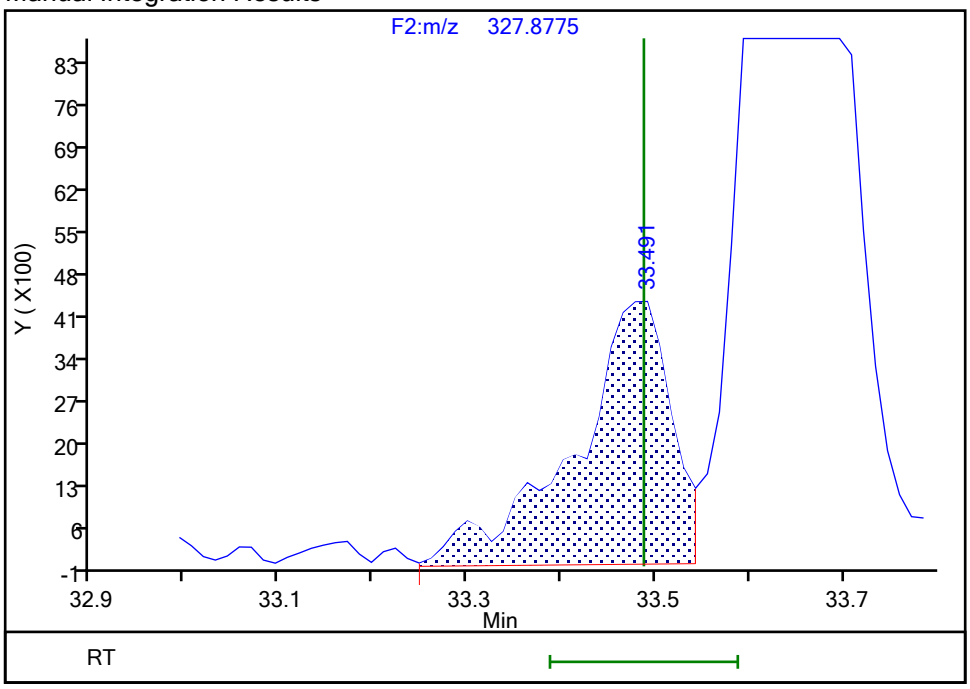
Not Detected
Expected RT: 33.49

Processing Integration Results



Manual Integration Results

RT: 33.49
Area: 30969
Amount: 1.723658
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:26:41 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

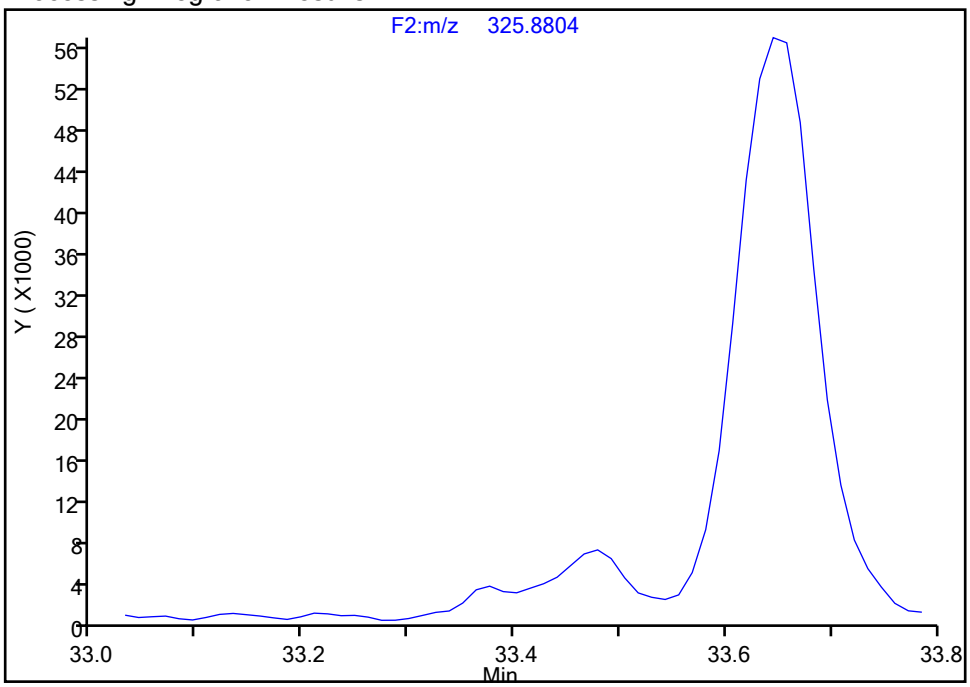
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 1

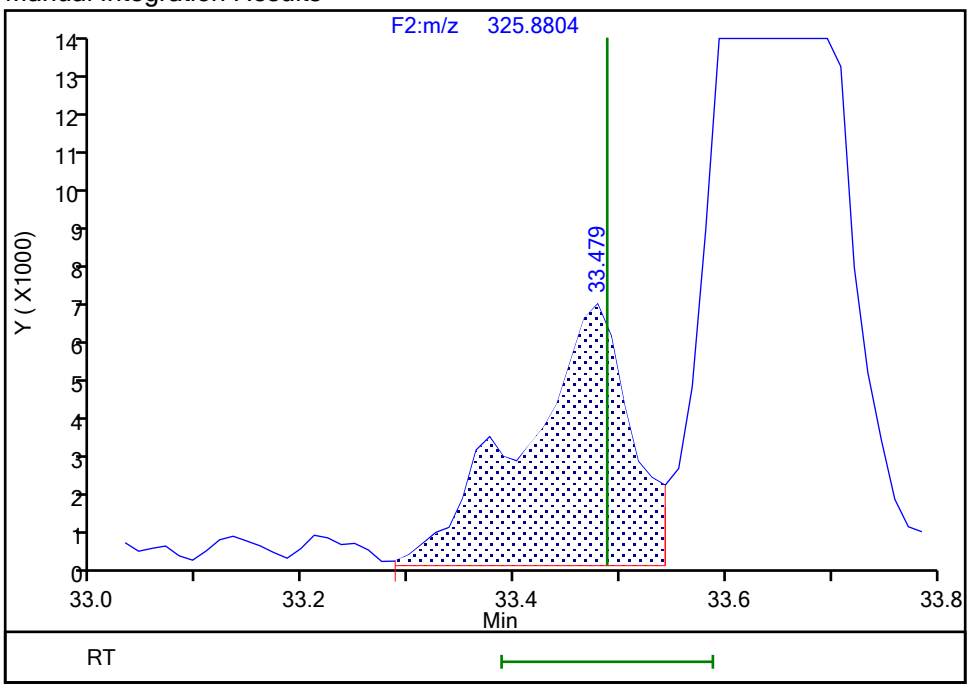
Not Detected
Expected RT: 33.49

Processing Integration Results



RT: 33.48
Area: 47930
Amount: 1.723658
Amount Units: pg/ul

Manual Integration Results



Reviewer: V4XA, 05-Jan-2024 00:26:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

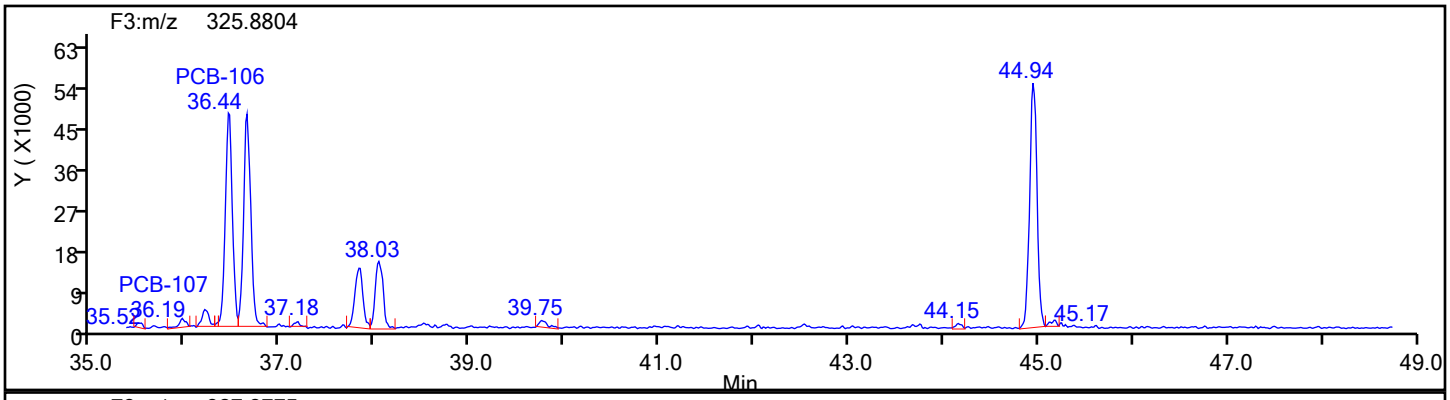
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

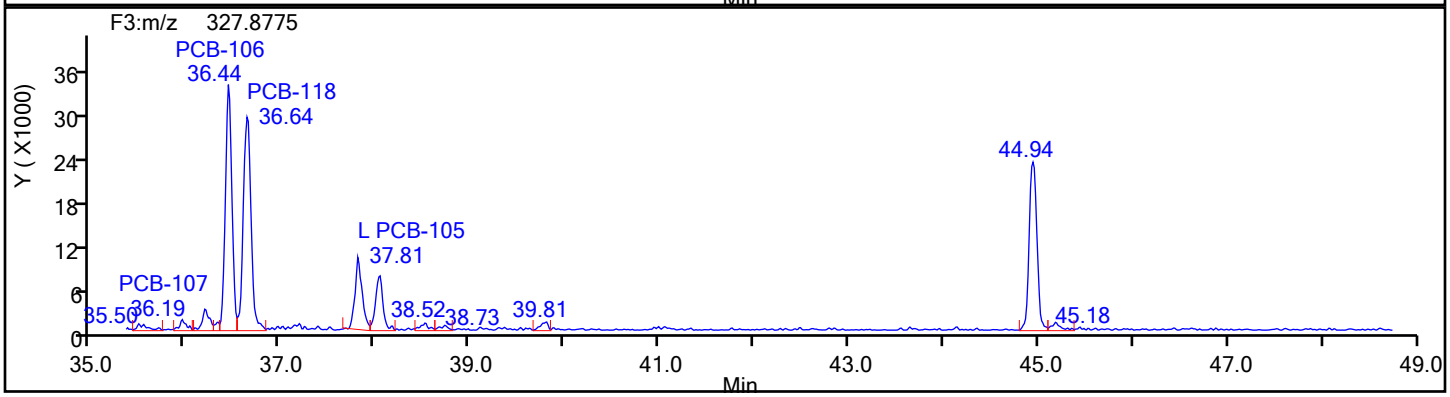
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

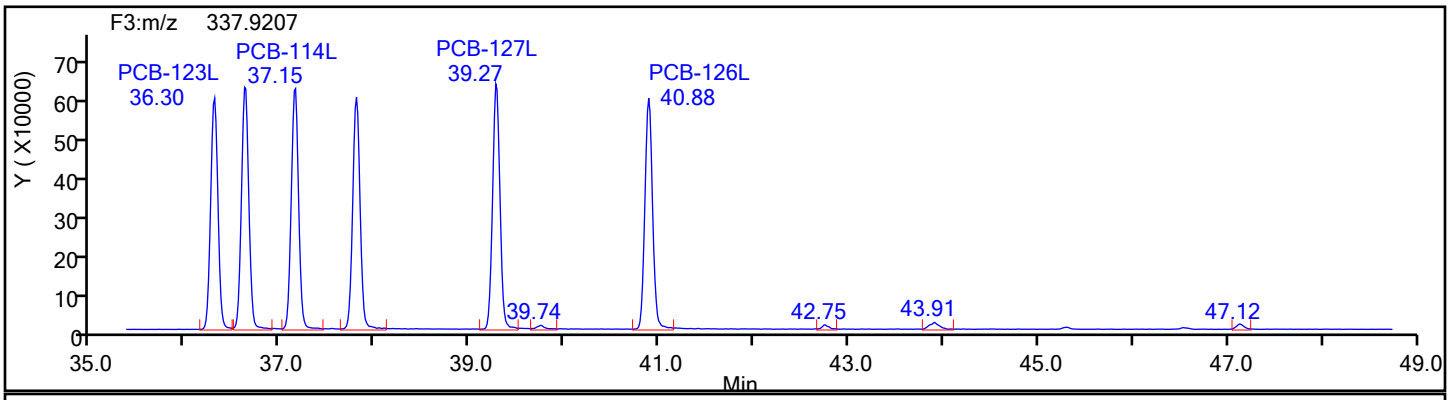
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

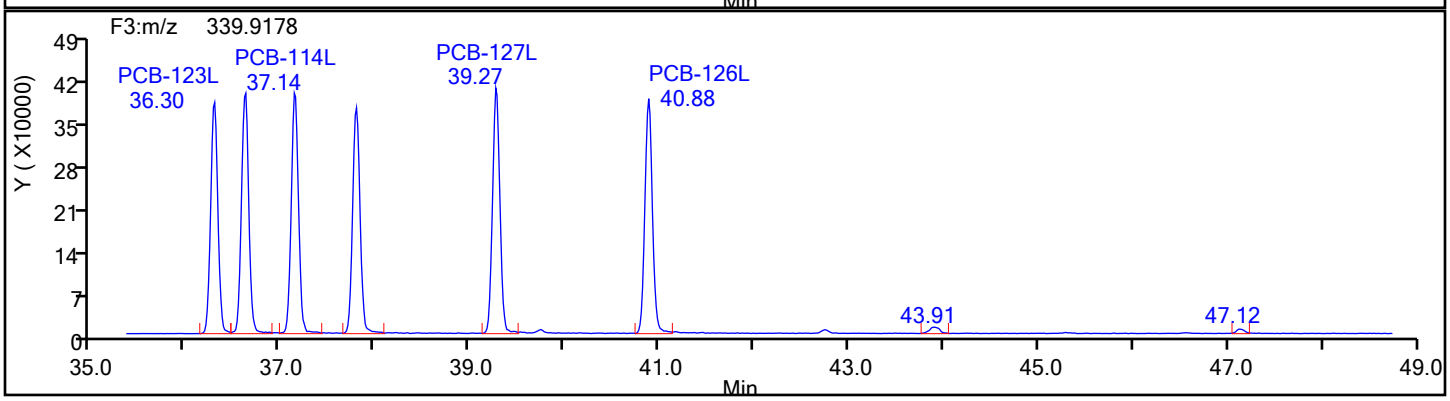
PePCB F3





PePCB F3 Standards



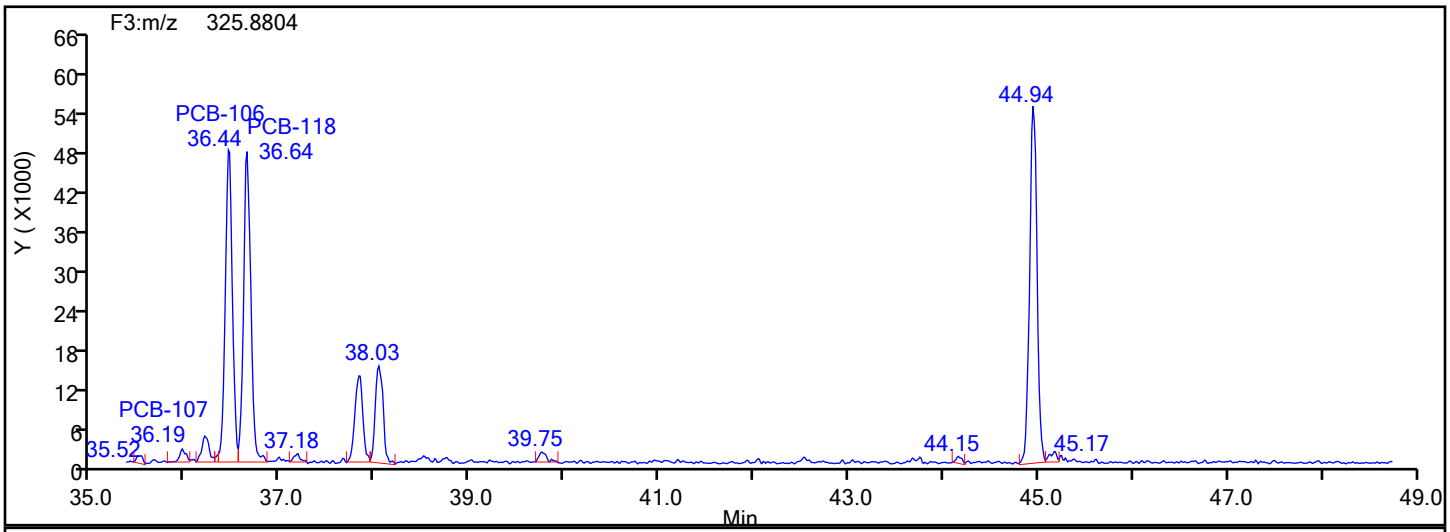


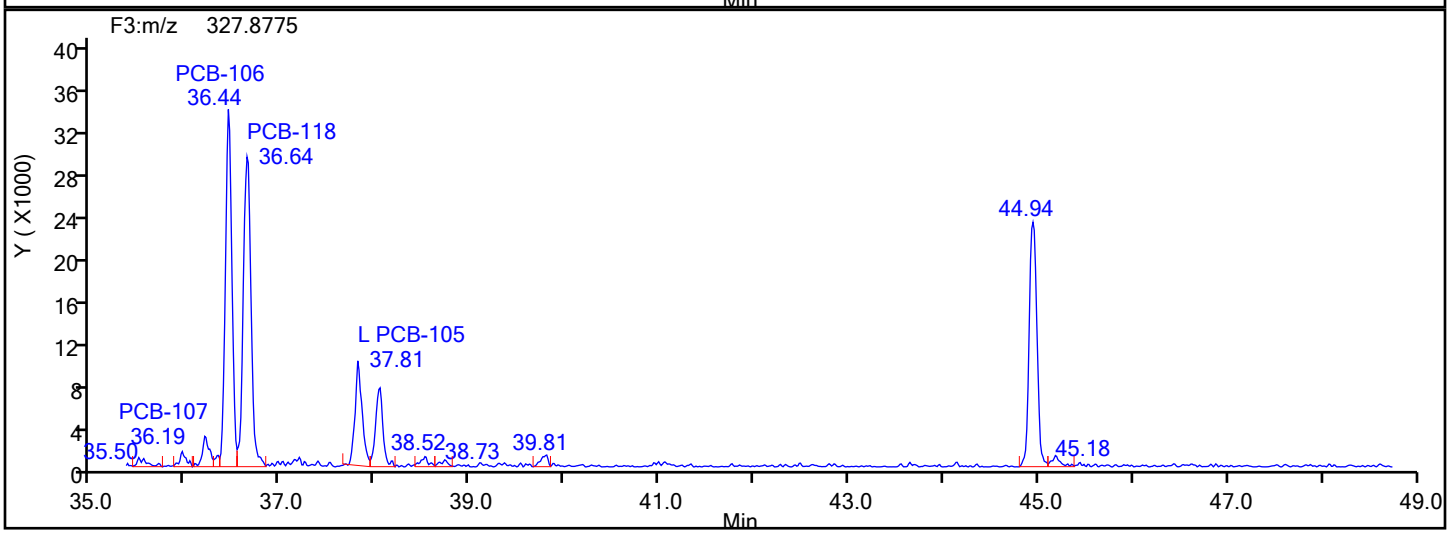
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

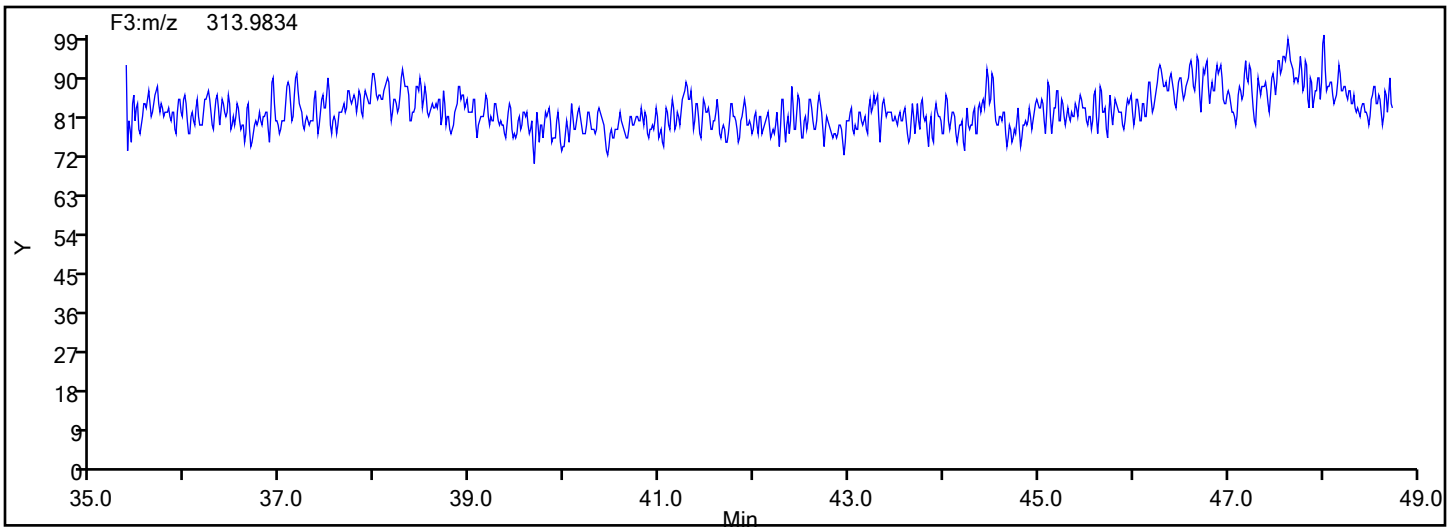
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

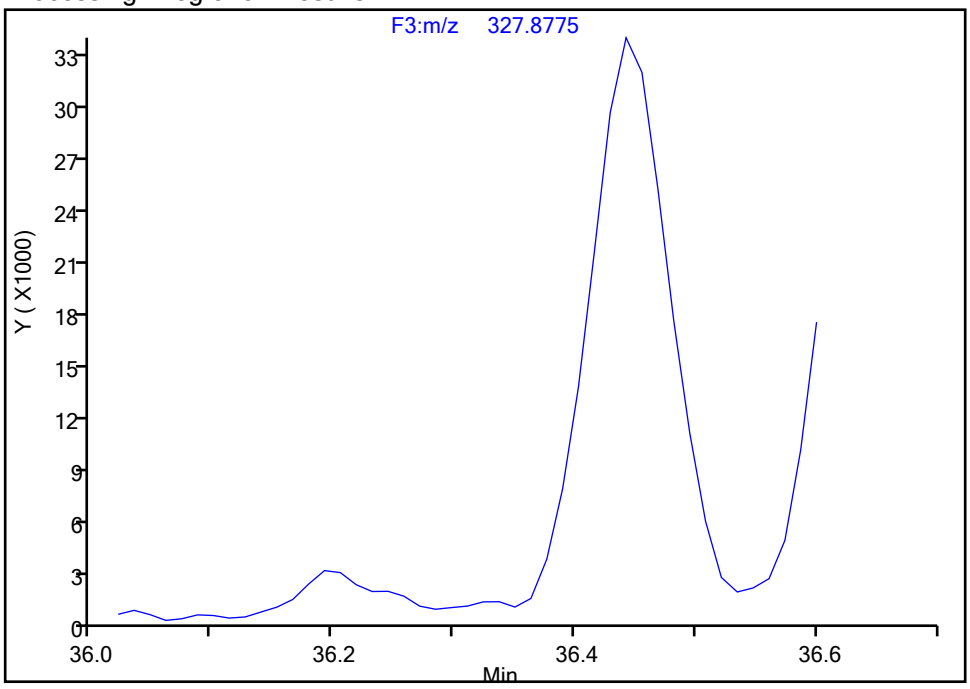
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 2

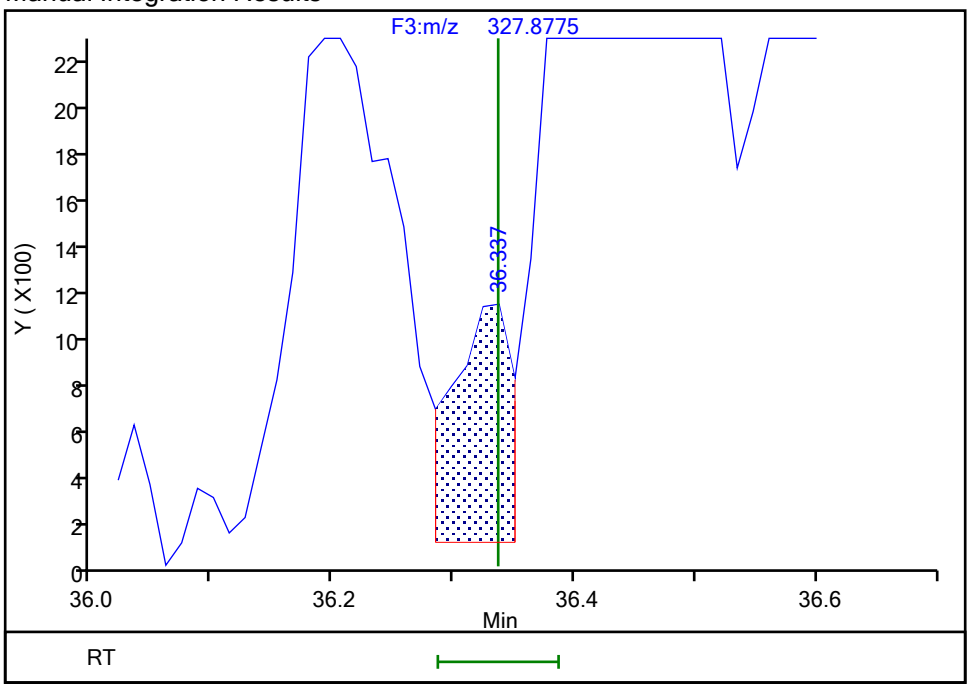
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.34
Area: 3134
Amount: 0.097809
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:27:17 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

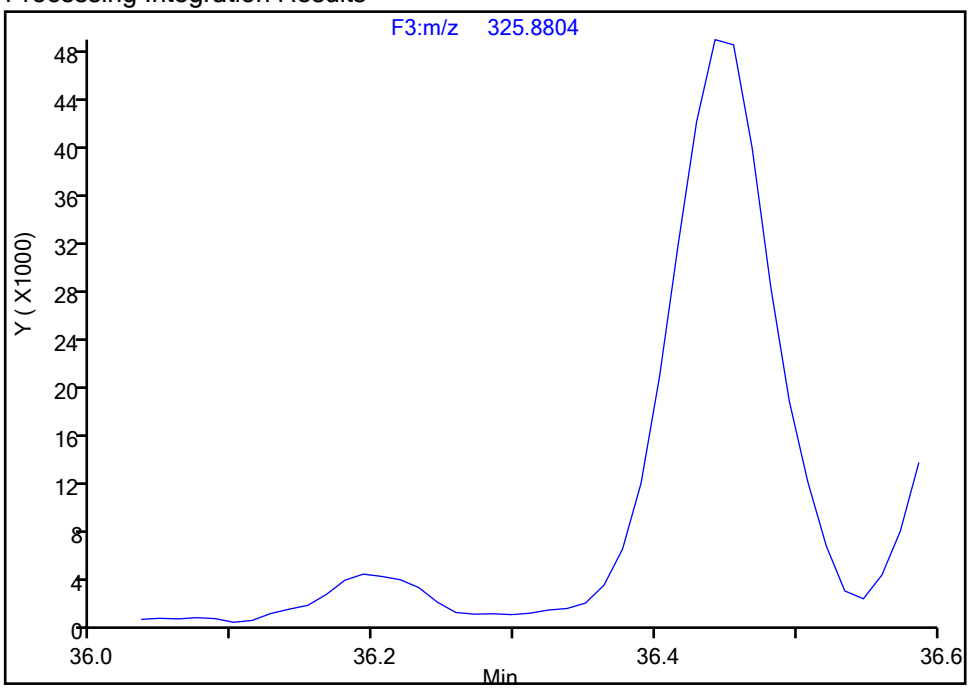
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 1

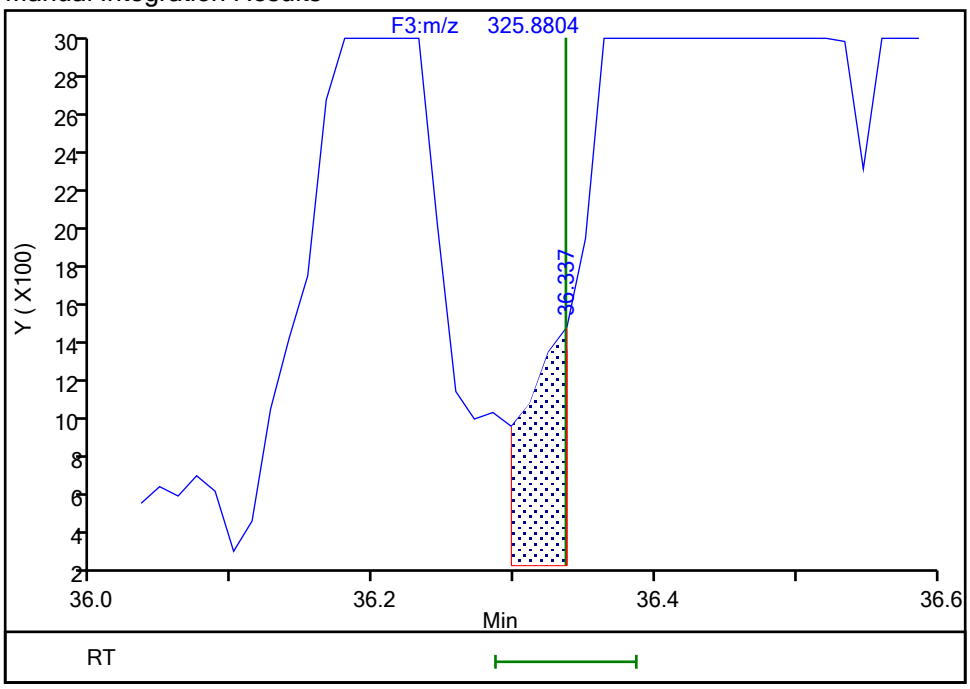
Not Detected
Expected RT: 36.34

Processing Integration Results



Manual Integration Results

RT: 36.34
Area: 2240
Amount: 0.097809
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:27:21 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

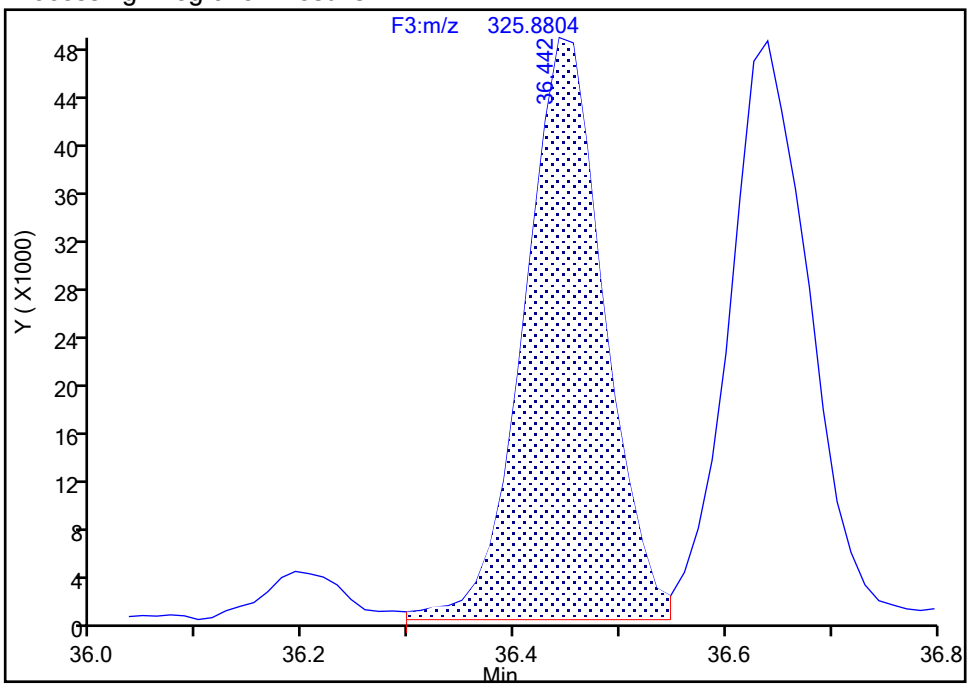
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 1

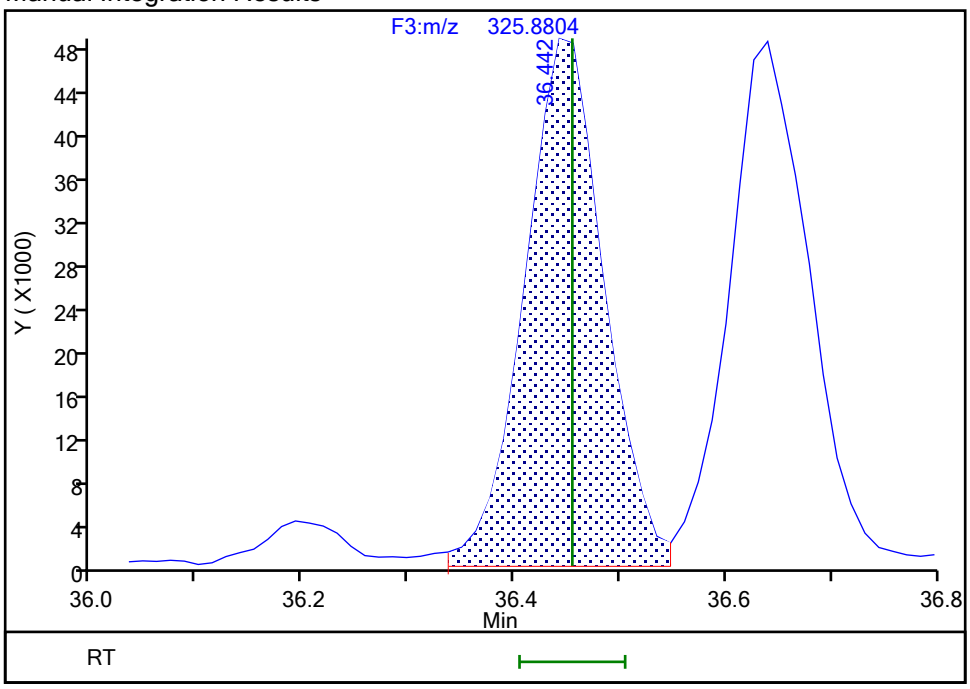
Processing Integration Results

RT: 36.44
Area: 252215
Amount: 6.551373
Amount Units: pg/ul



Manual Integration Results

RT: 36.44
Area: 249975
Amount: 6.466812
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:27:15 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

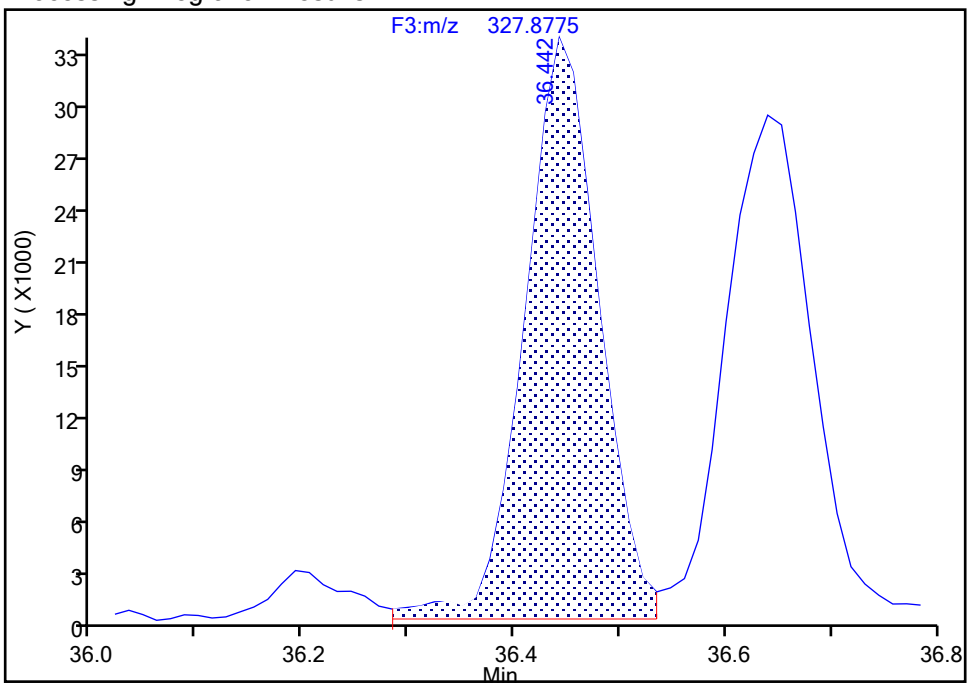
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 2

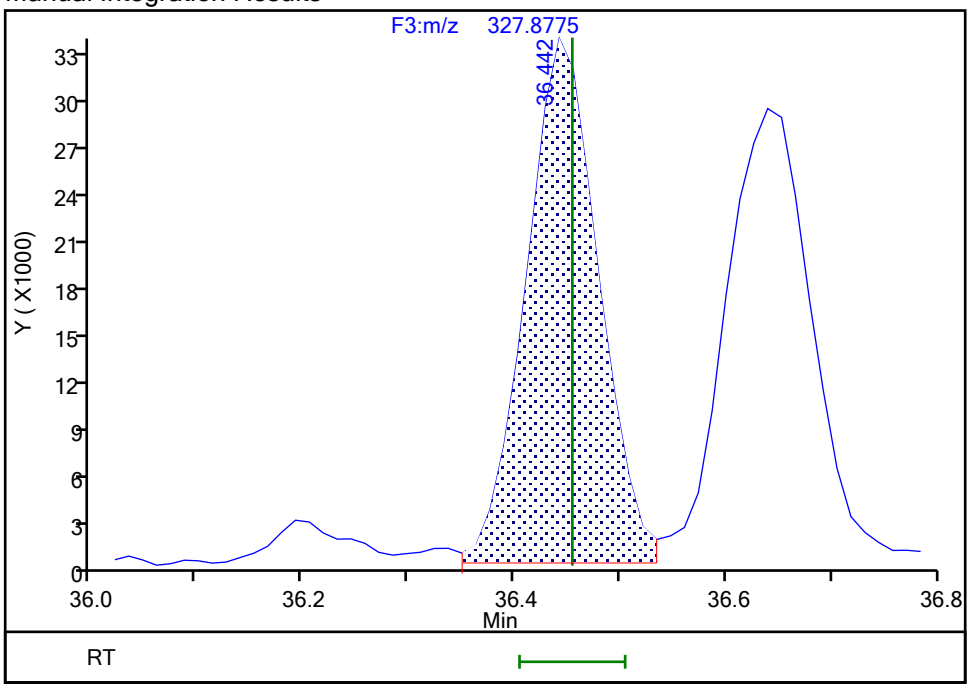
Processing Integration Results

RT: 36.44
Area: 164136
Amount: 6.551373
Amount Units: pg/ul



Manual Integration Results

RT: 36.44
Area: 161002
Amount: 6.466812
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:27:17 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

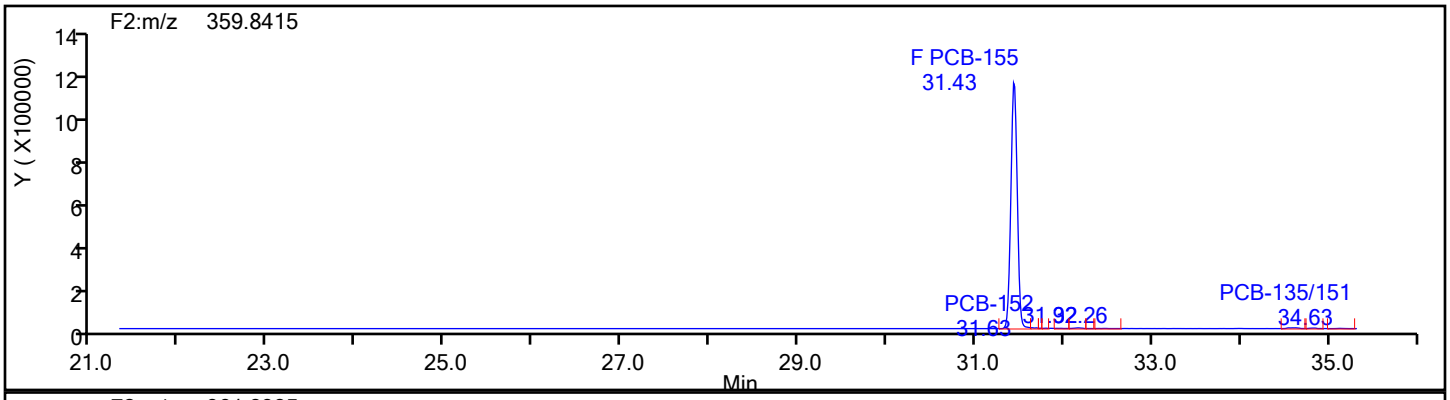
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

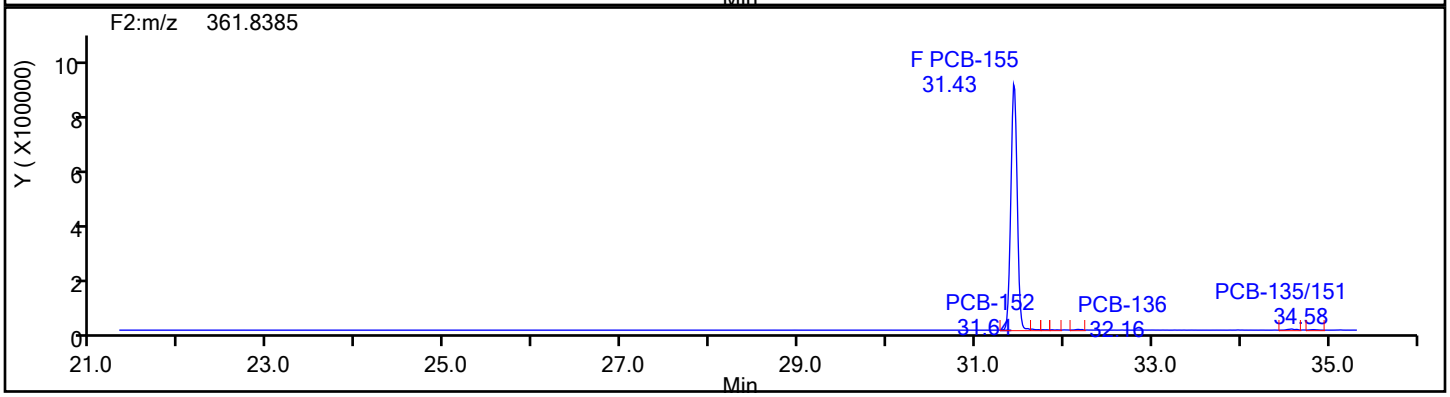
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

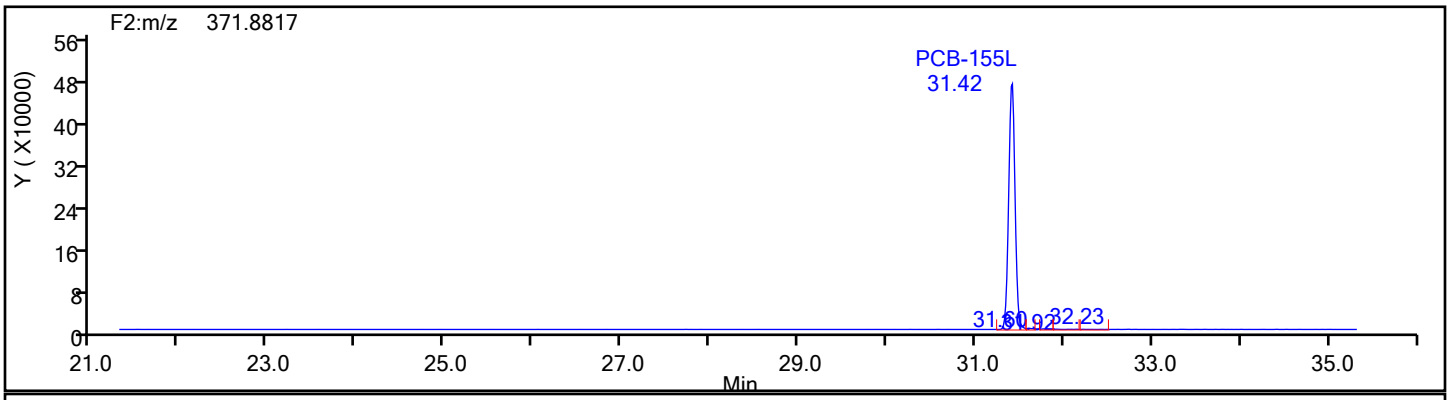
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

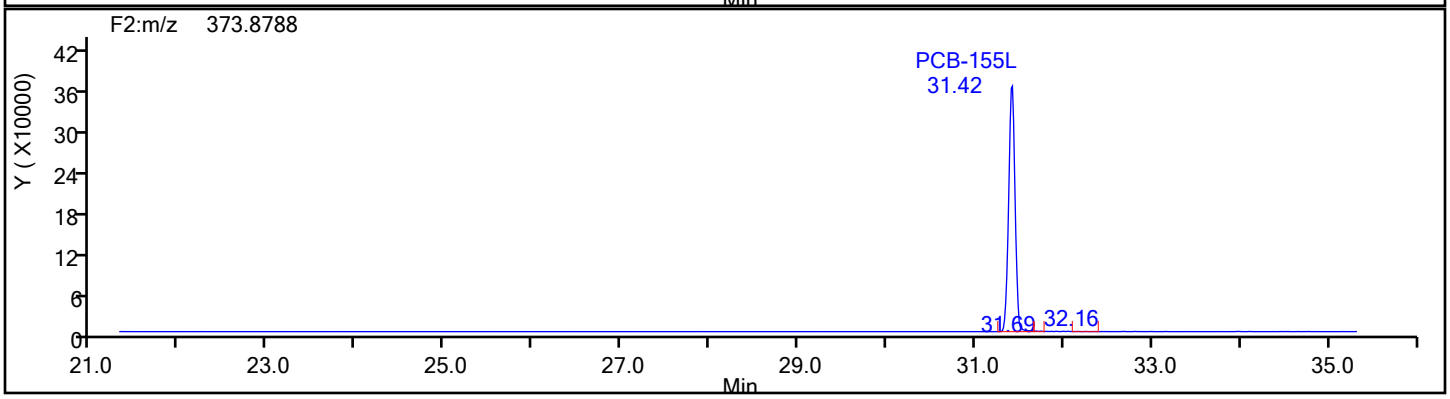
HxPCB F2





HxPCB F2 Standards



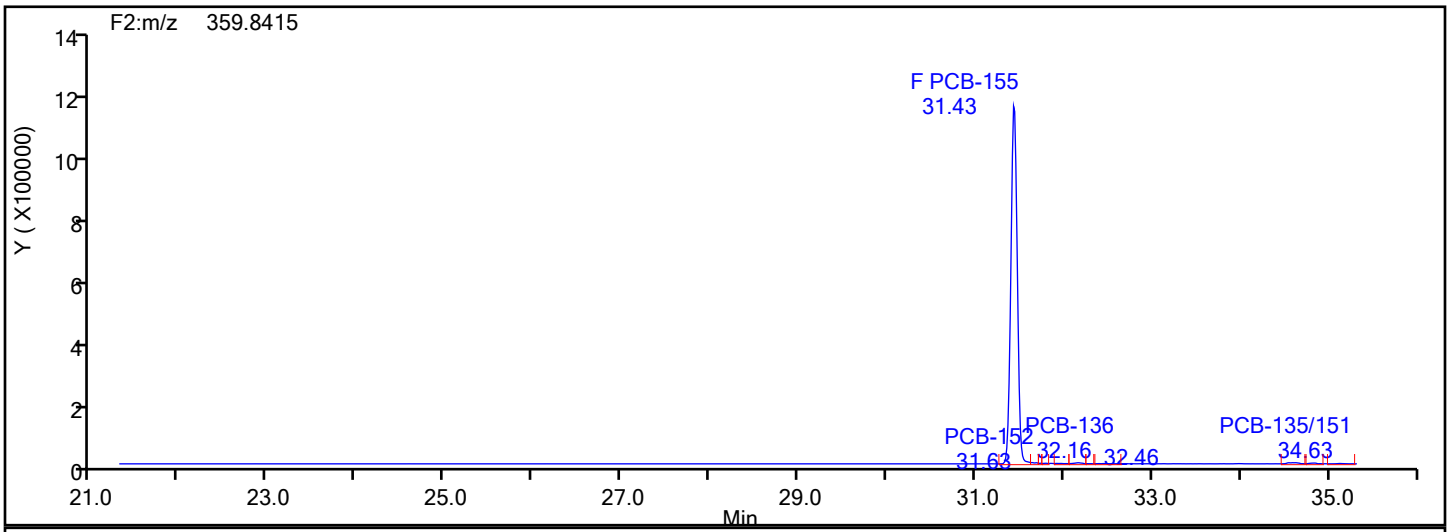


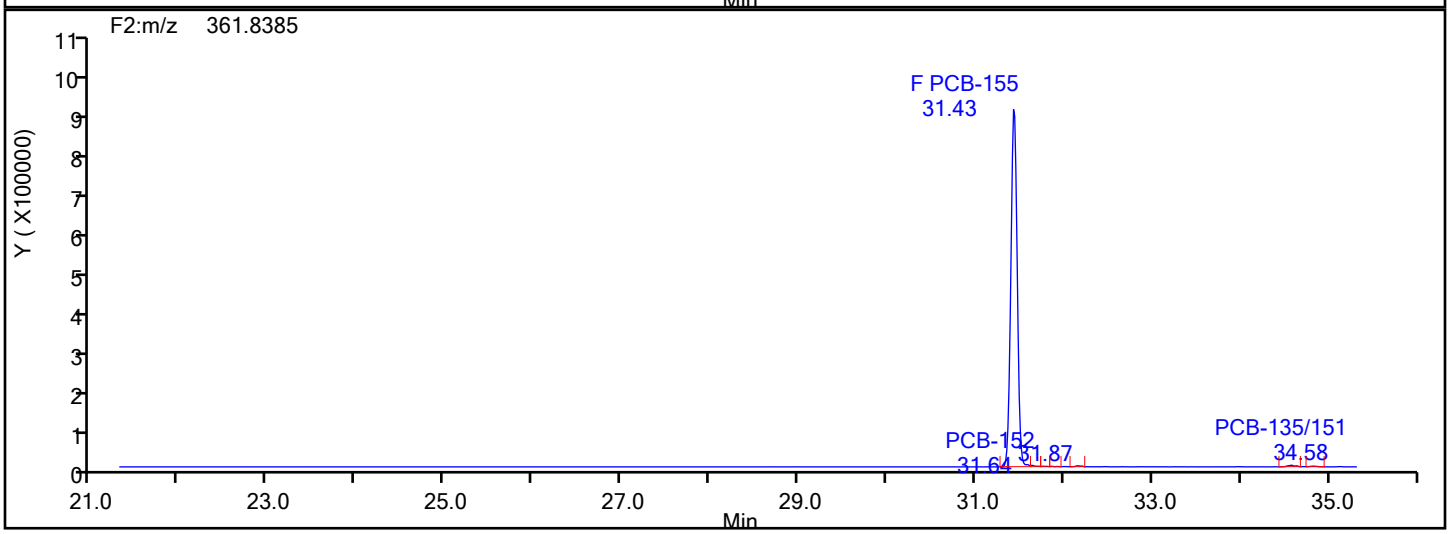
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

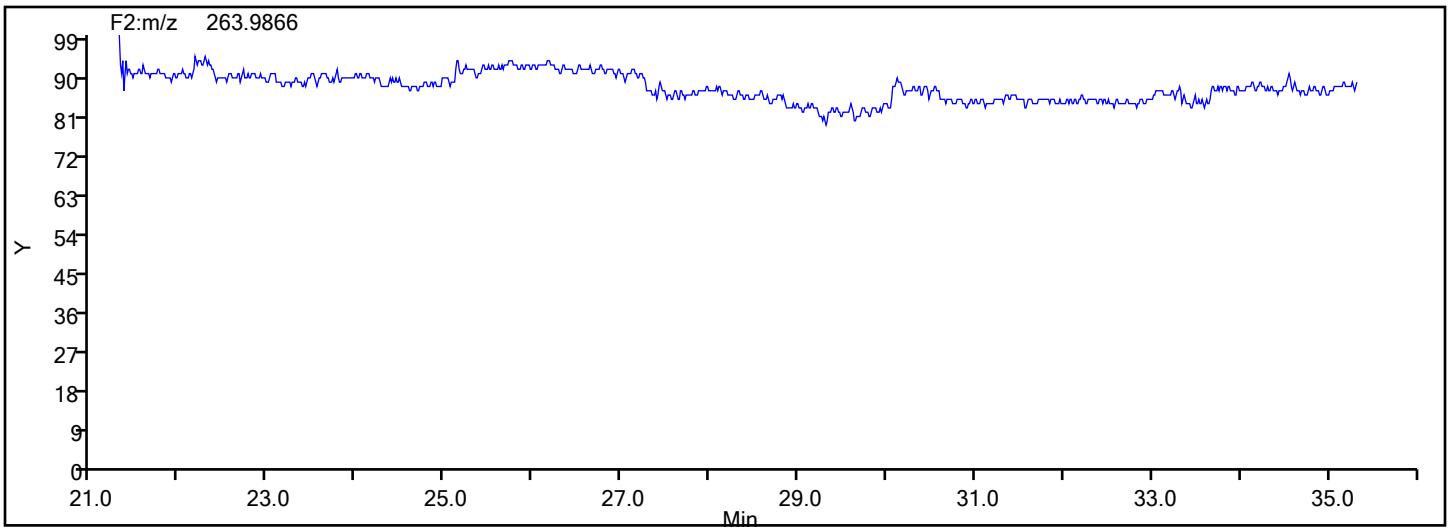
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

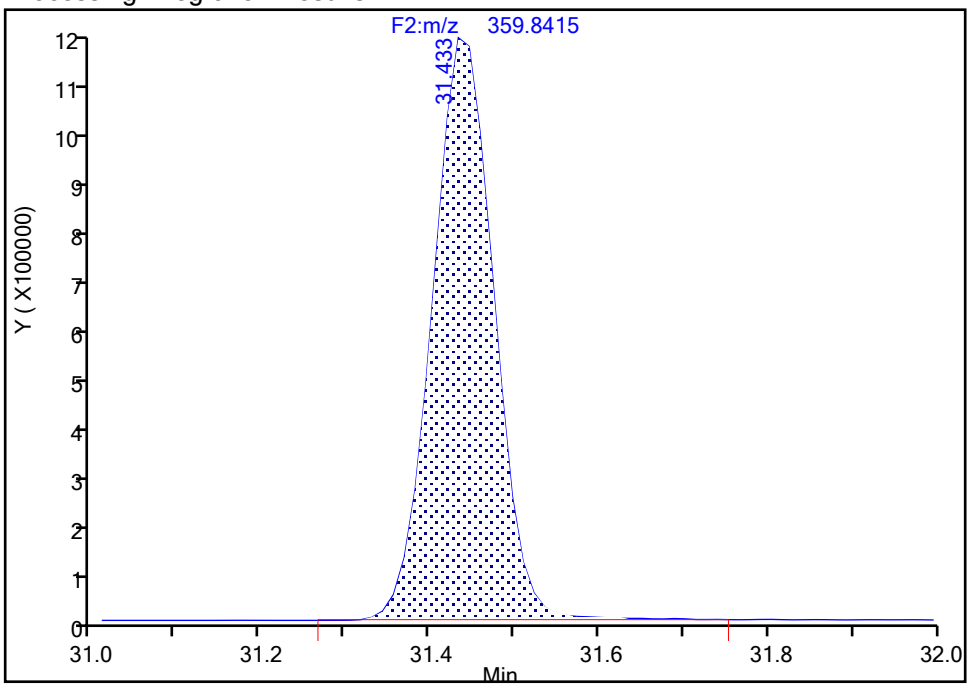
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 1

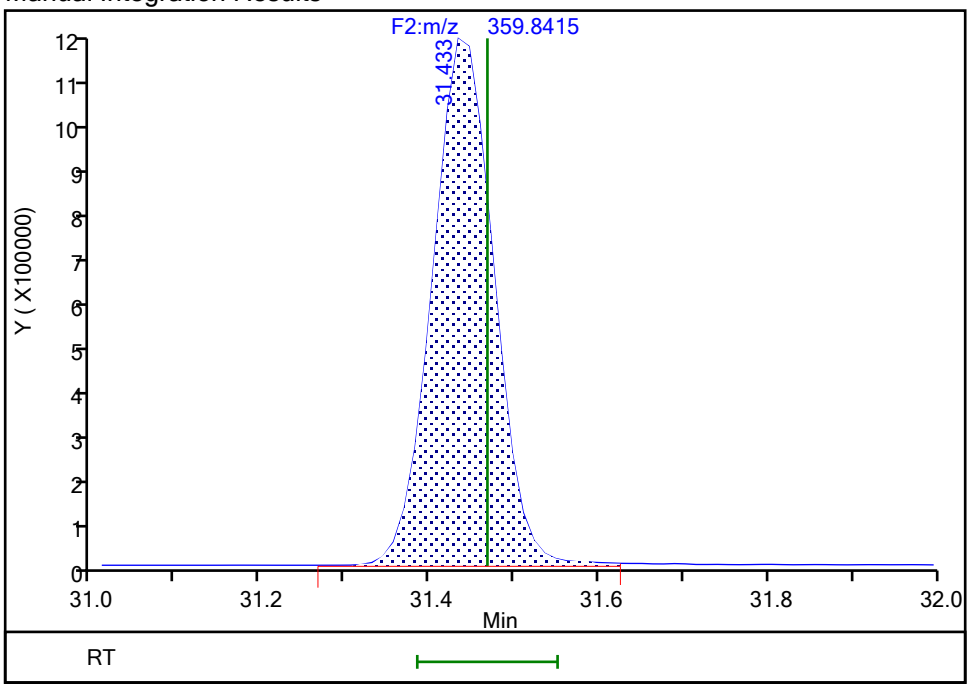
Processing Integration Results

RT: 31.43
Area: 5638067
Amount: 255.0579
Amount Units: pg/ul



Manual Integration Results

RT: 31.43
Area: 5617120
Amount: 254.5251
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:27:52 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

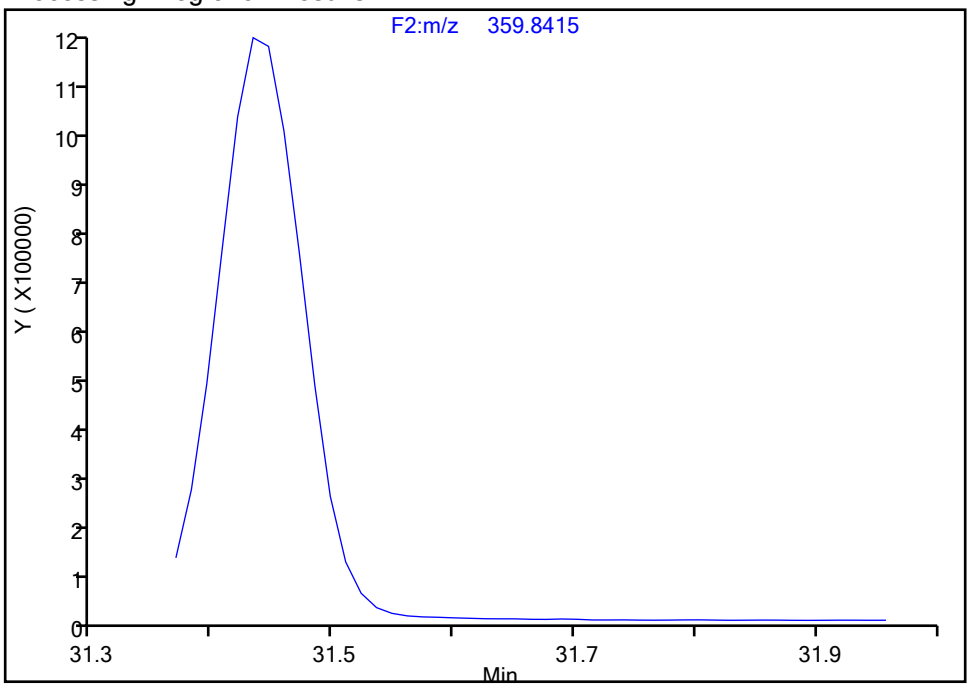
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

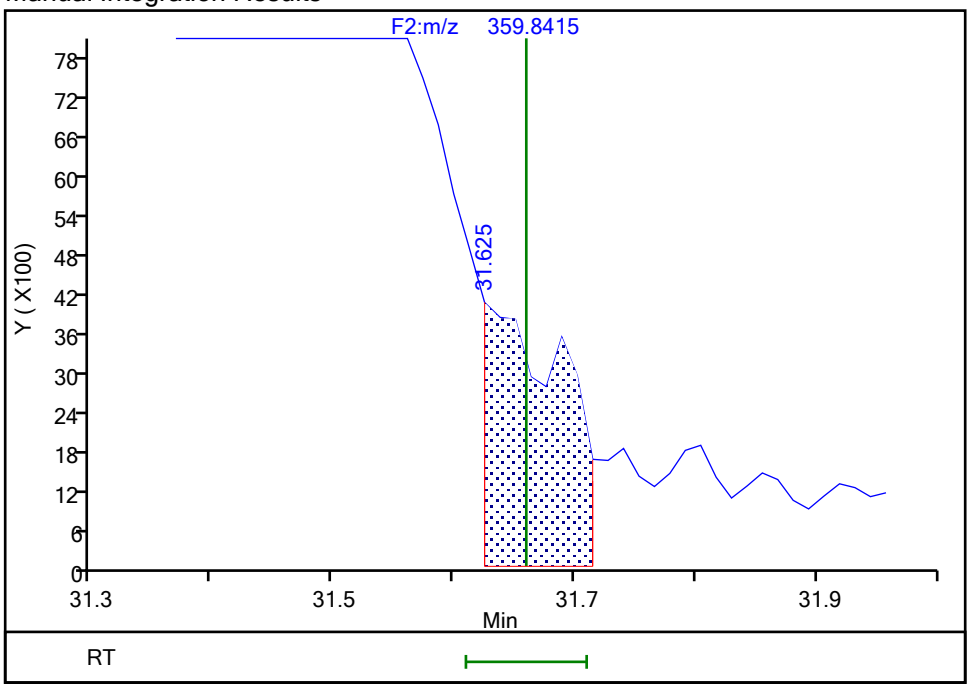
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.63
Area: 17193
Amount: 0.677701
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:45:26 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

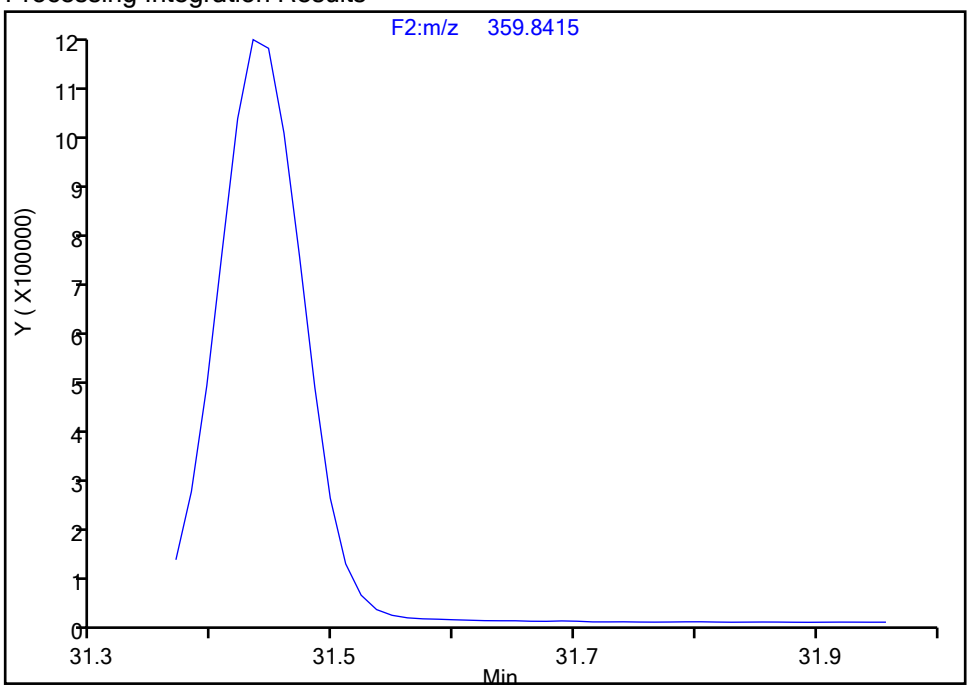
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

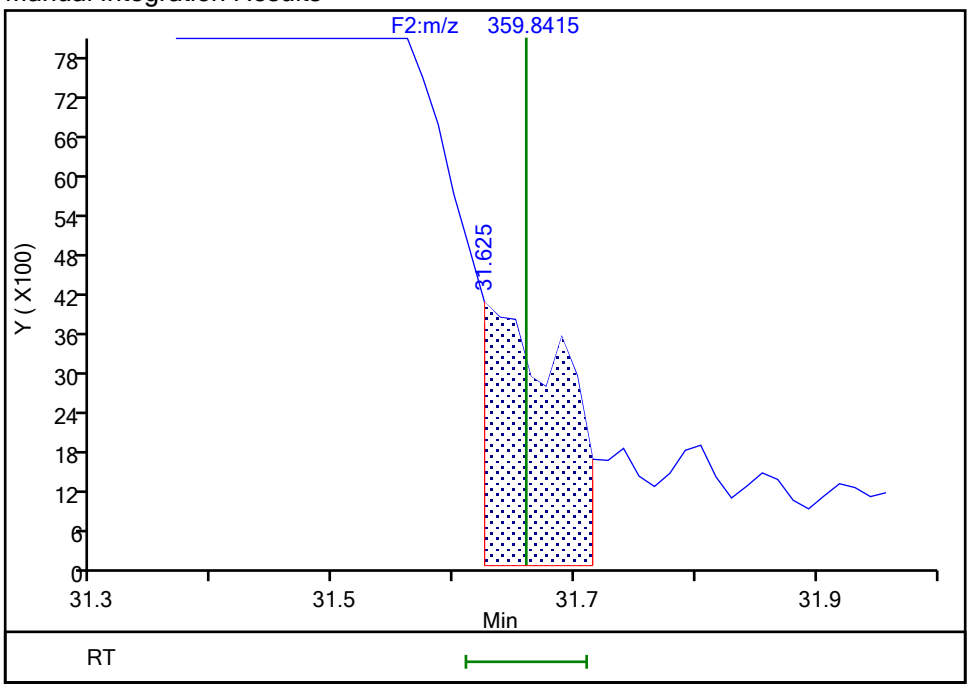
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.63
Area: 17193
Amount: 0.677701
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:45:28 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

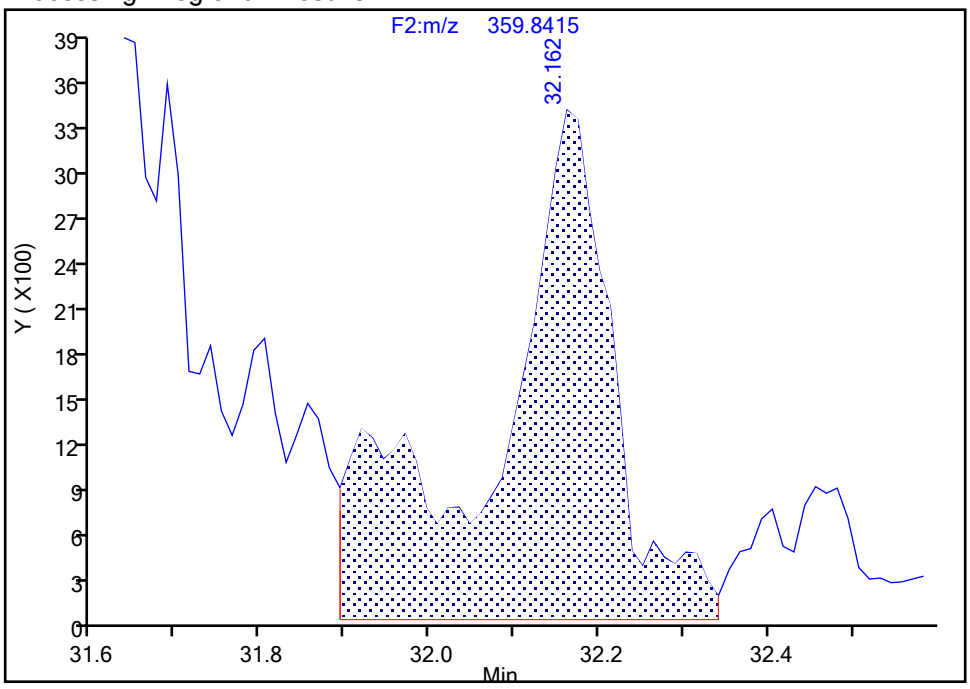
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6
Client ID:	PW-03-DUP		
Operator ID:	Xcalibur_System	ALS Bottle#:	0 Worklist Smp#: 10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Column:		Detector	F2(21.81 :35.54)

PCB-136, CAS: 38411-22-2

Signal: 1

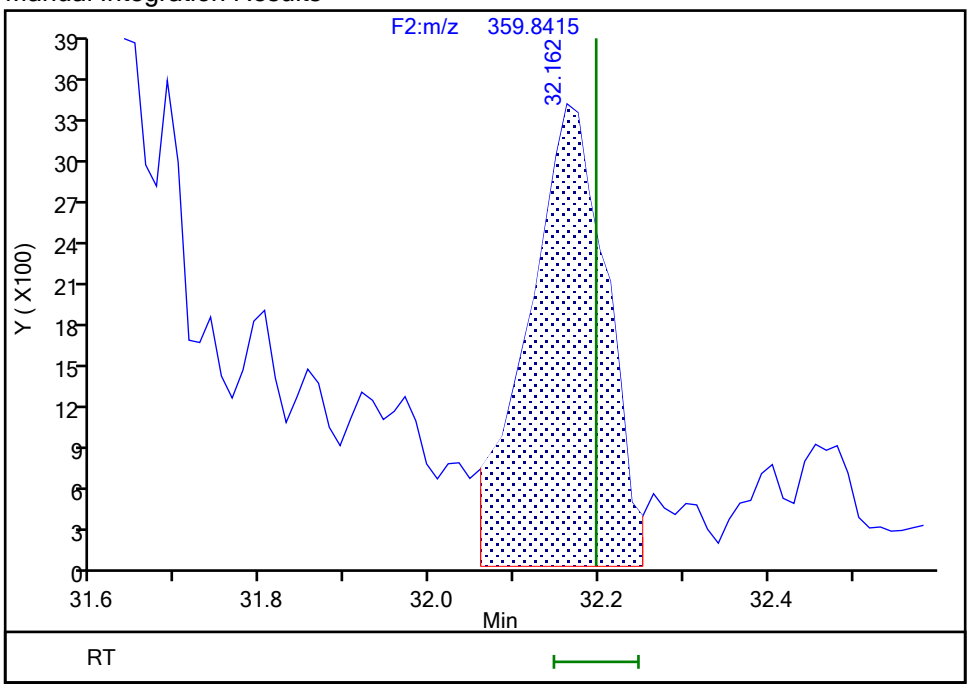
Processing Integration Results

RT: 32.16
Area: 32770
Amount: 1.148572
Amount Units: pg/ul



Manual Integration Results

RT: 32.16
Area: 21382
Amount: 0.869271
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:28:07 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

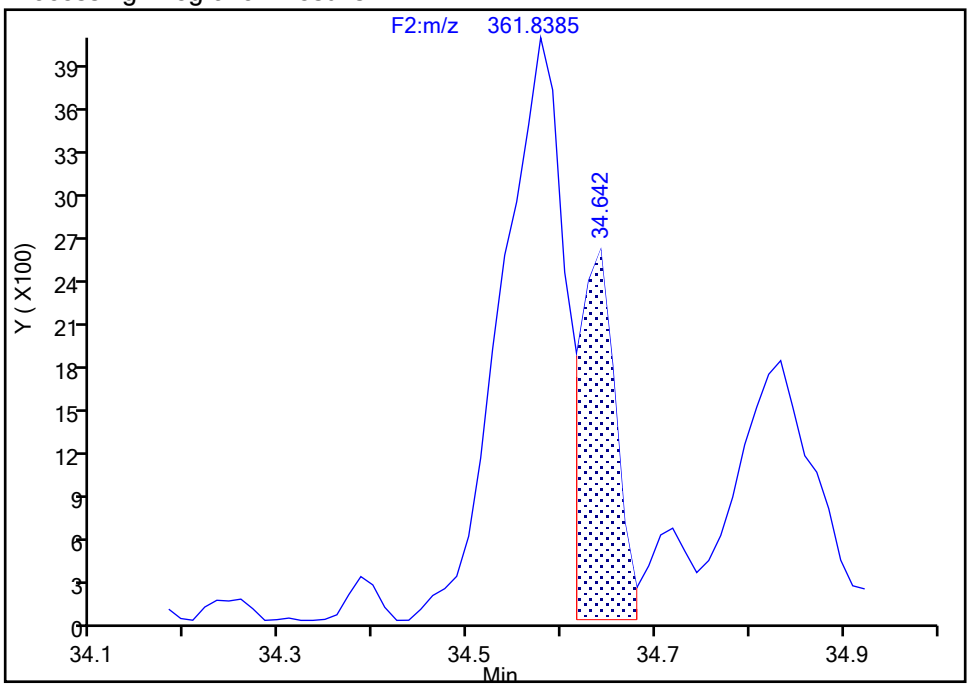
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 2

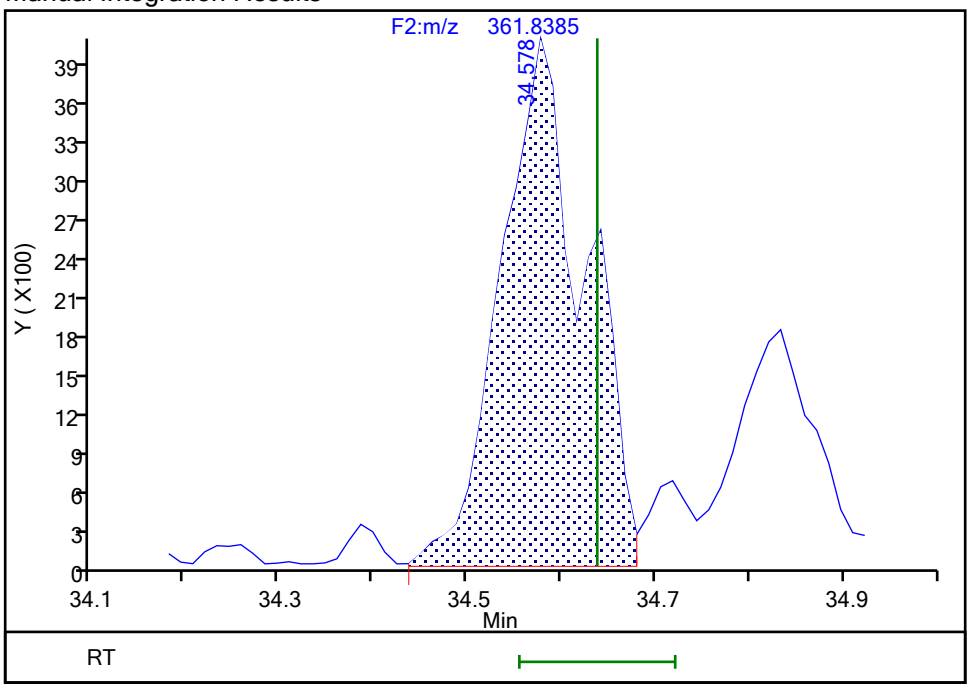
Processing Integration Results

RT: 34.64
Area: 6479
Amount: 1.210915
Amount Units: pg/ul



Manual Integration Results

RT: 34.58
Area: 25356
Amount: 1.812405
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:28:24 -05:00:00 (UTC)

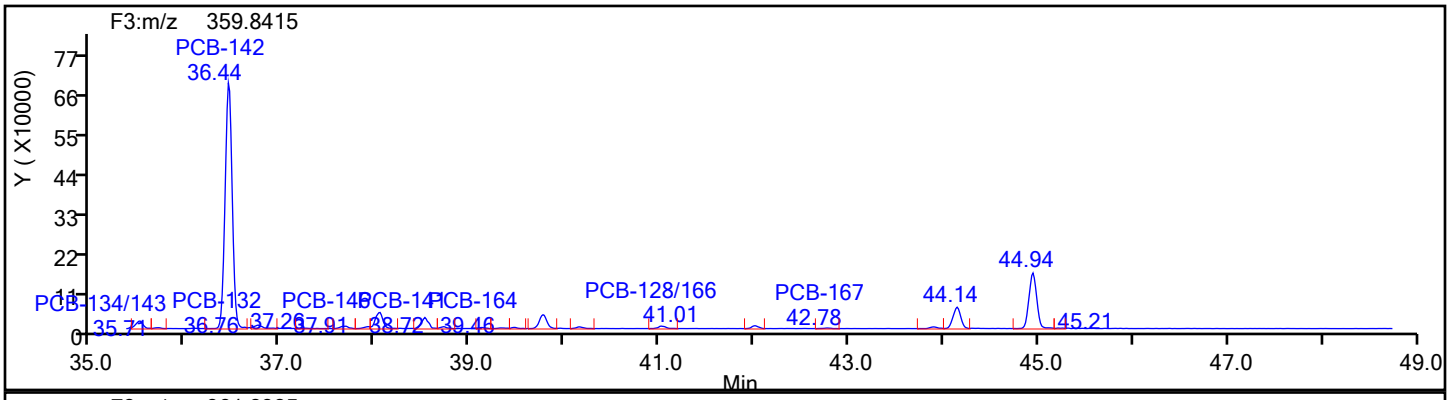
Audit Action: Manually Integrated Audit Reason: Baseline

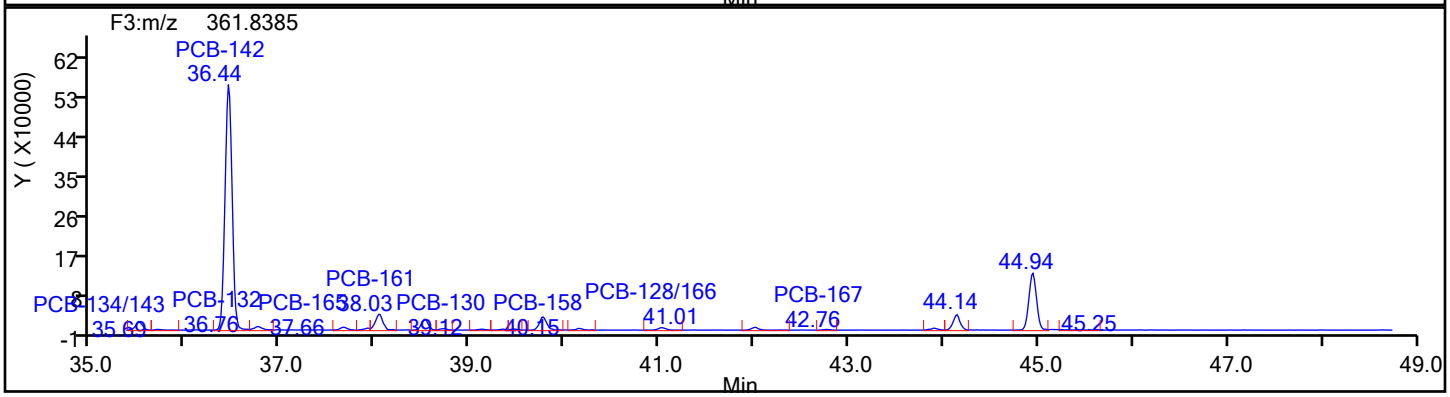
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

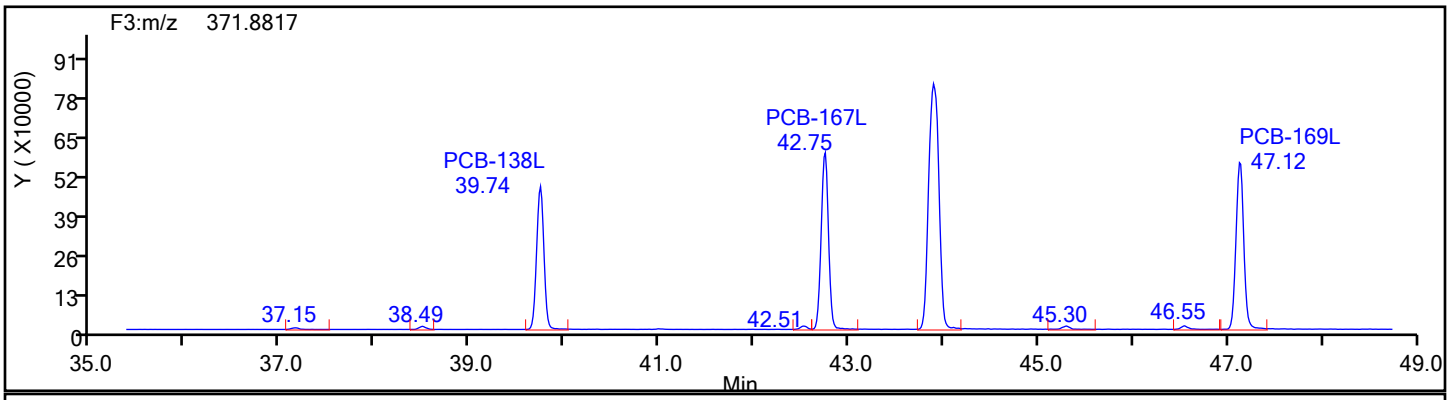
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d
Injection Date: 04-Jan-2024 18:06:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: PW-03-DUP
Worklist#: 82009 Sample Line#: 10
Column Type: Column Dia:

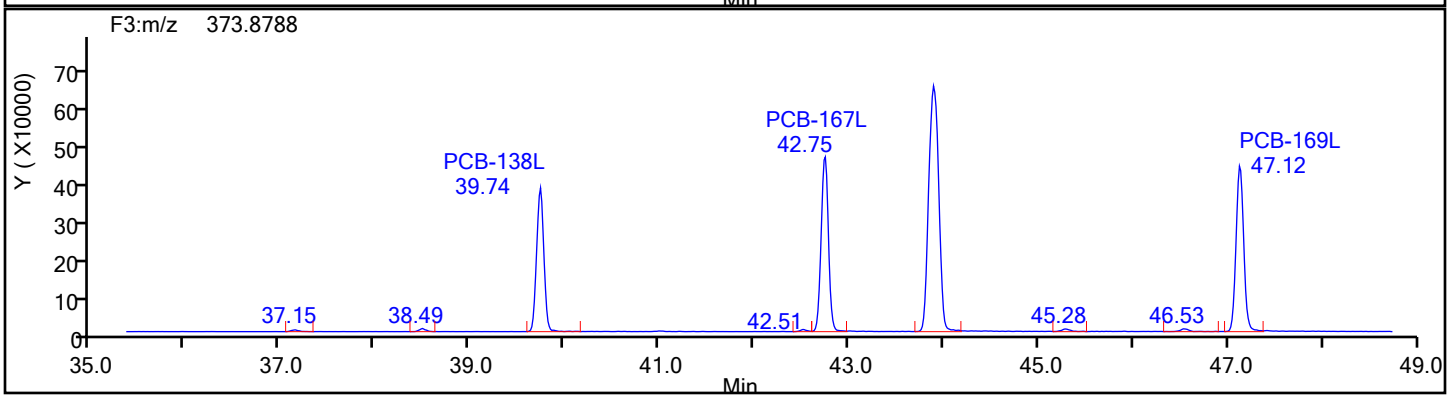
HxPCB F3





HxPCB F3 Standards



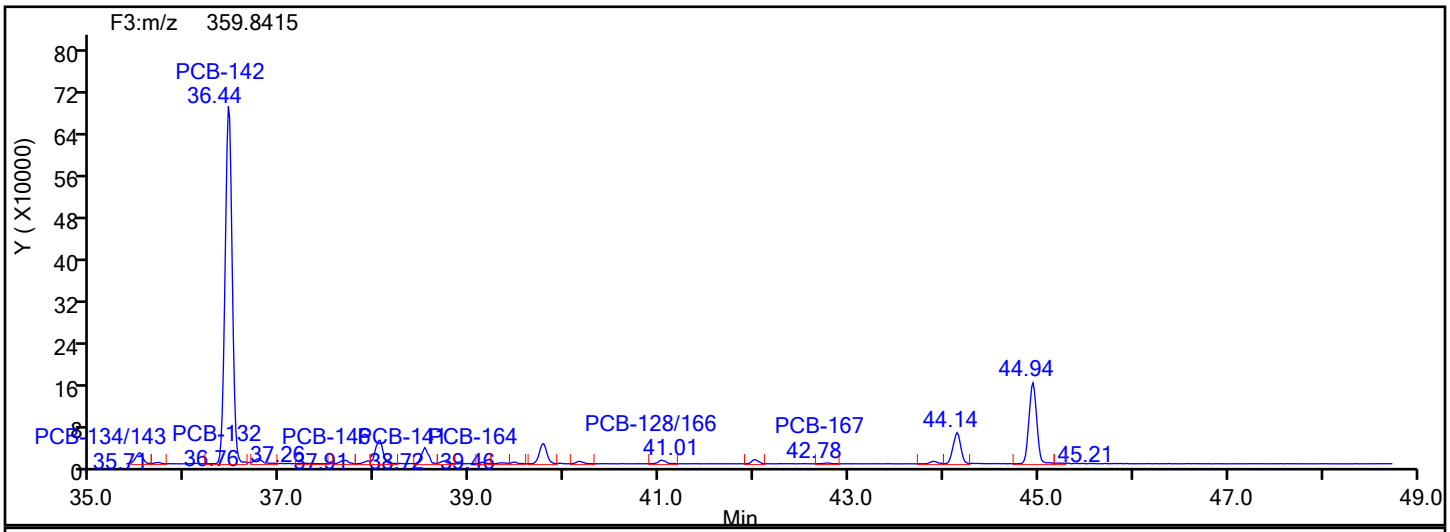


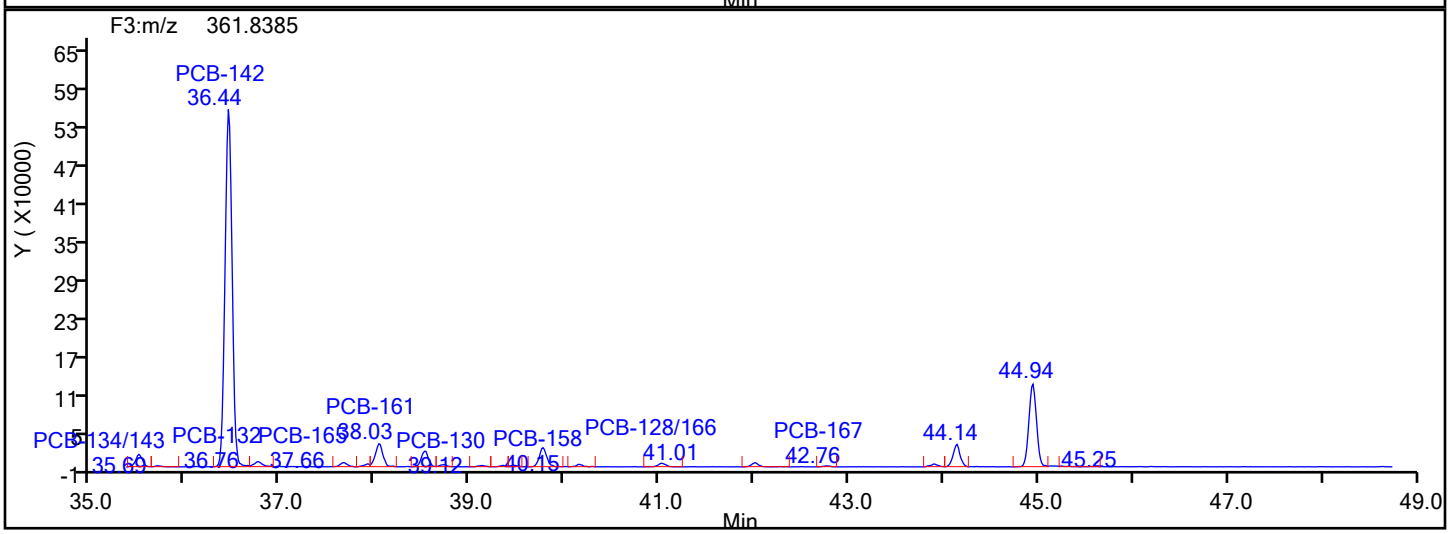
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

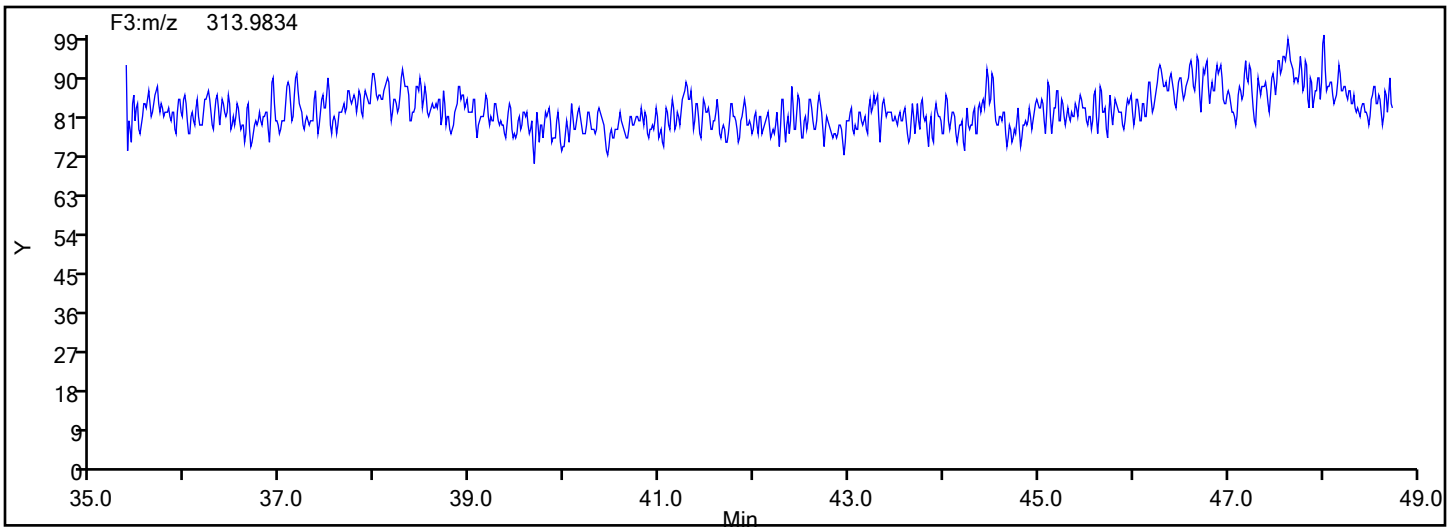
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

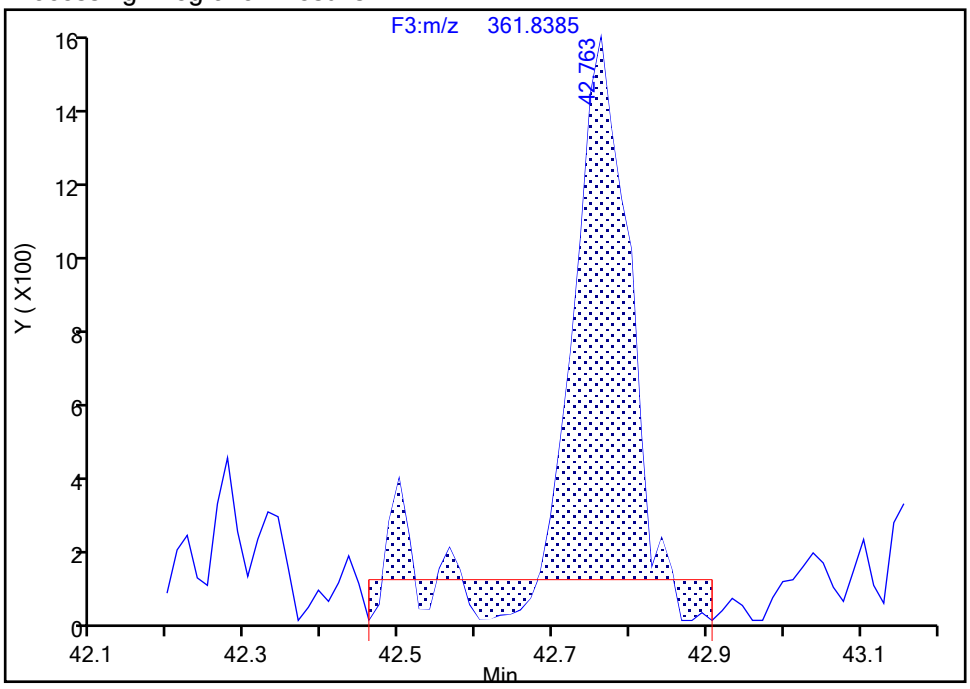
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-167, CAS: 52663-72-6

Signal: 2

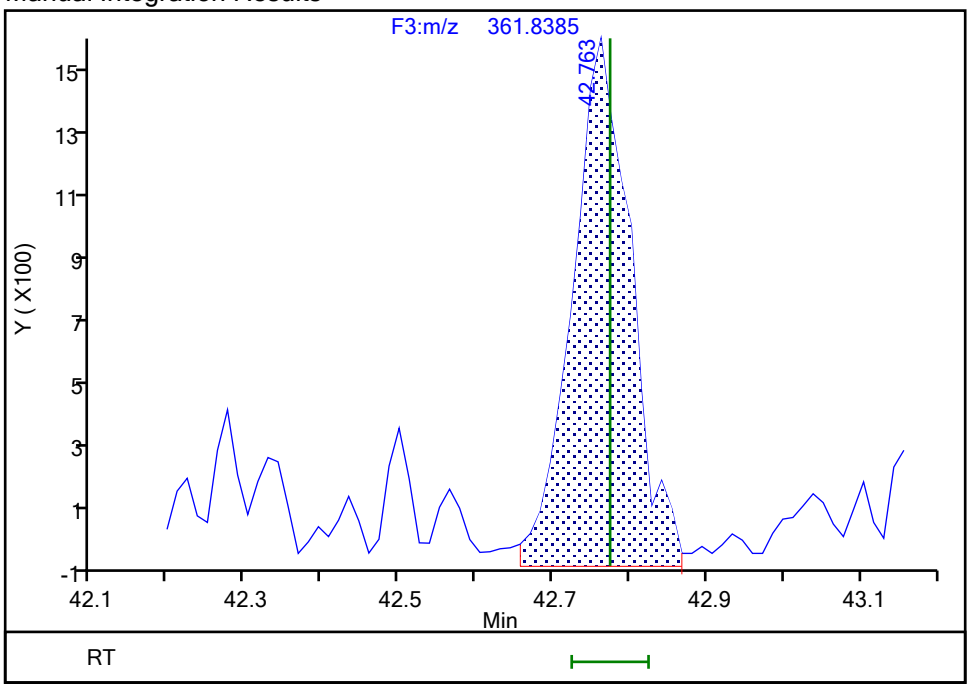
Processing Integration Results

RT: 42.76
Area: 6389
Amount: 0.241137
Amount Units: pg/ul



Manual Integration Results

RT: 42.76
Area: 8451
Amount: 0.273774
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:29:04 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

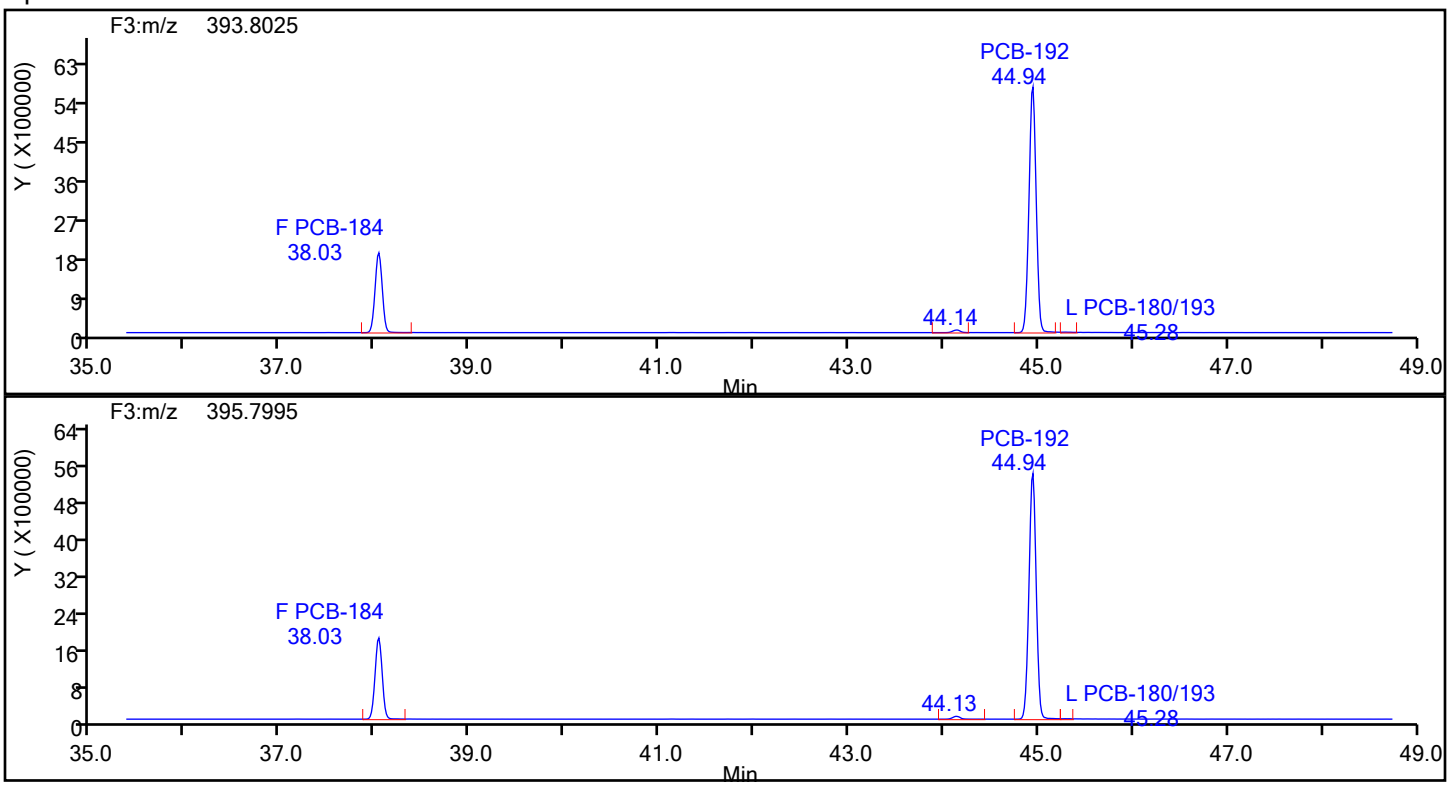
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

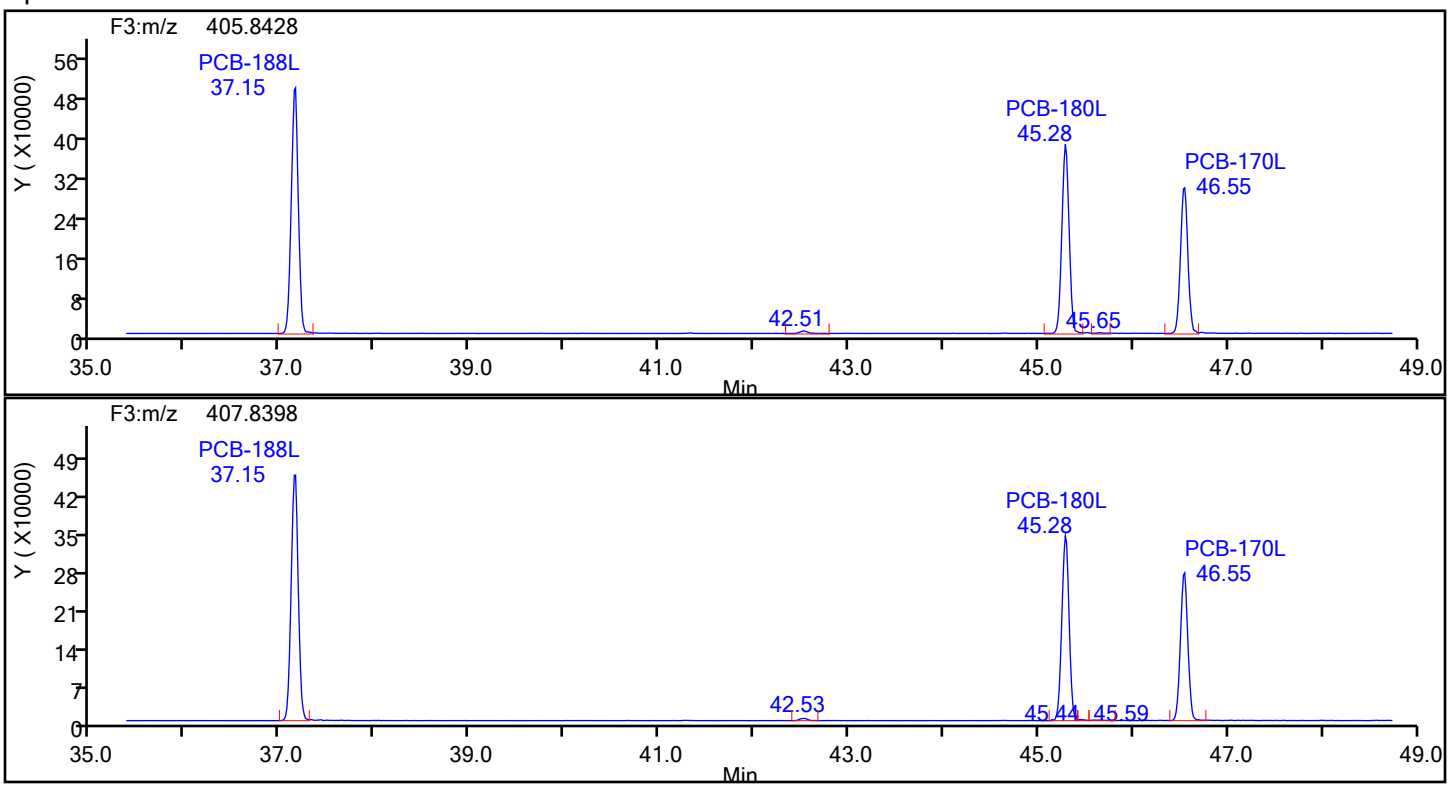
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

HpPCB F3



HpPCB F3 Standards

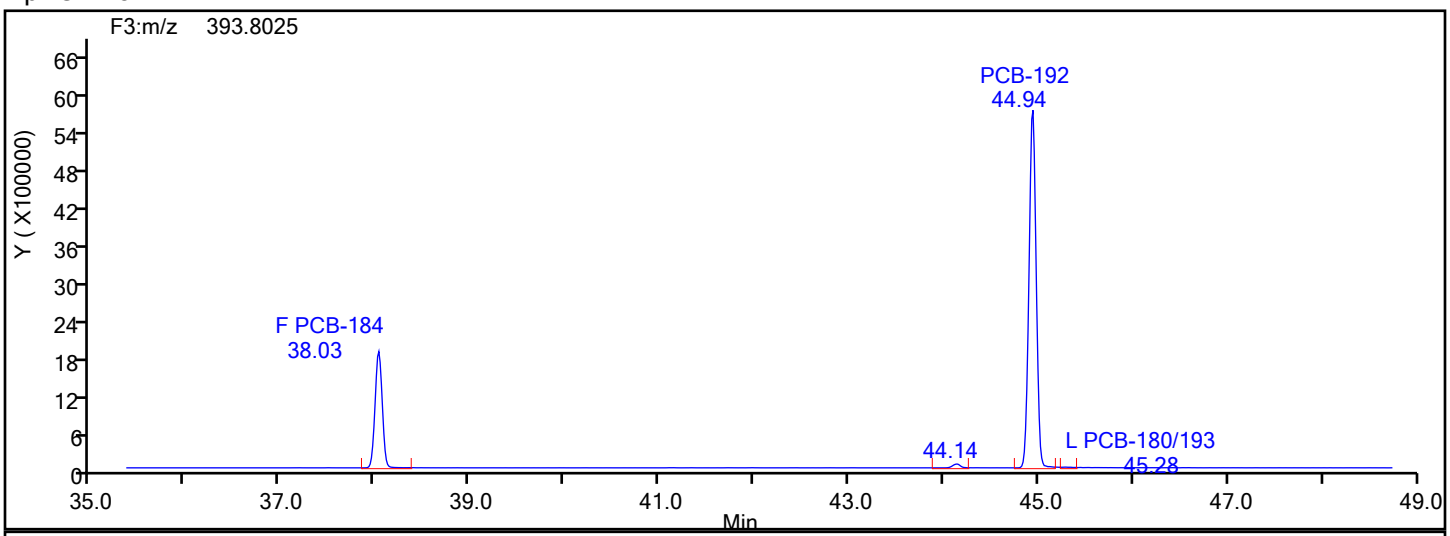


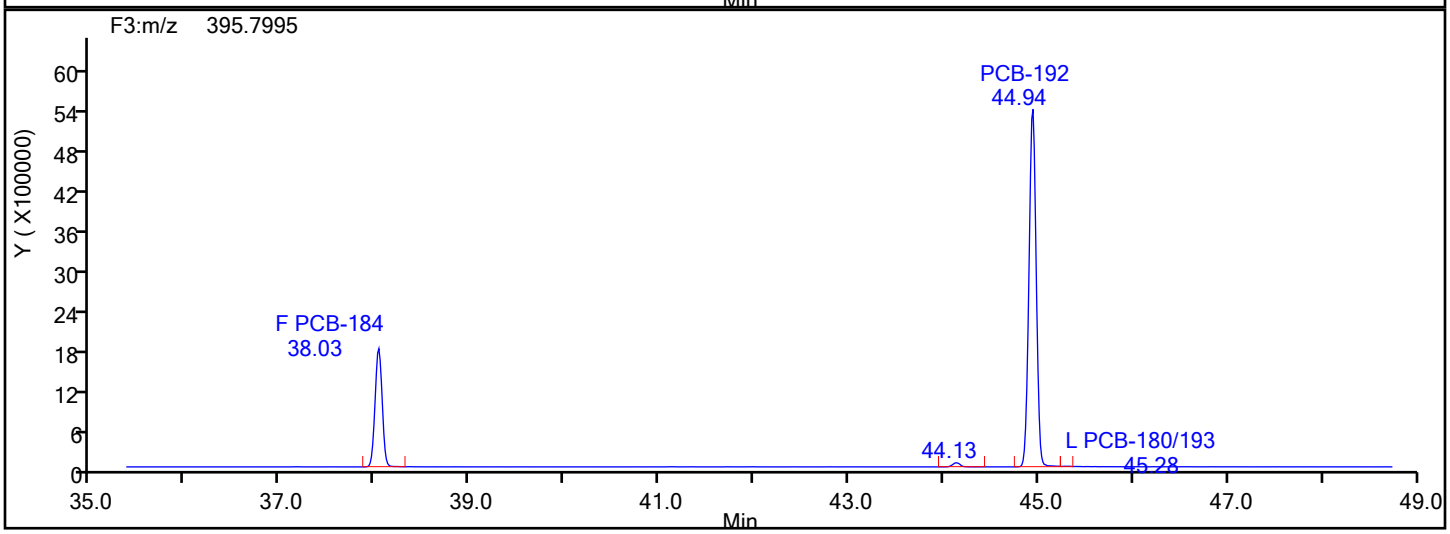
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

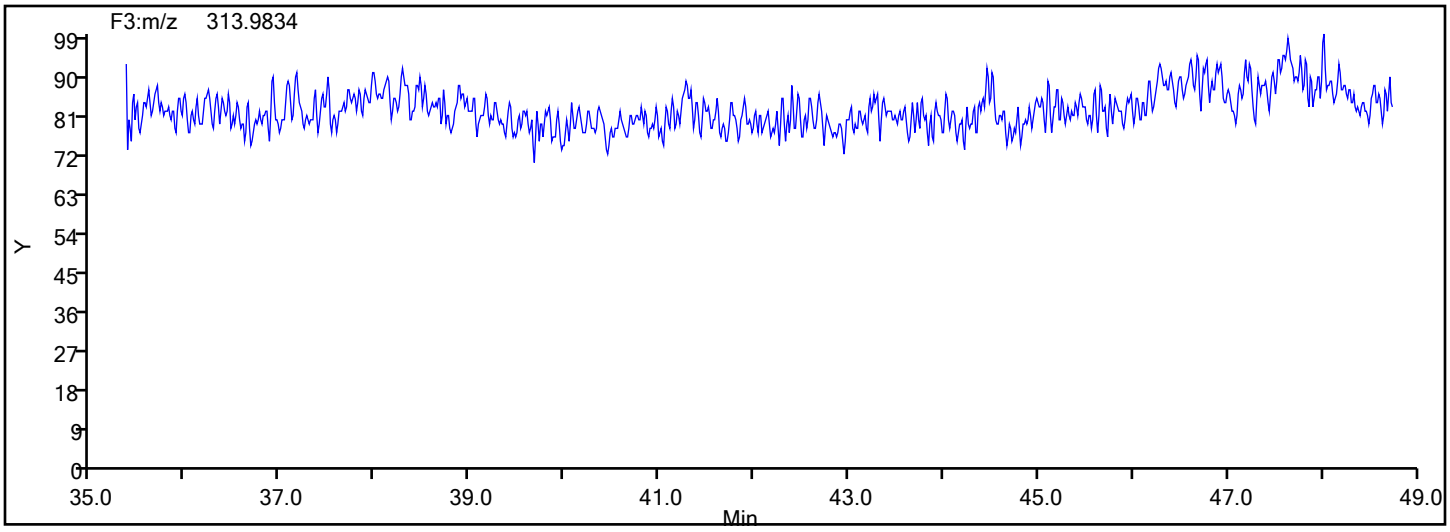
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass

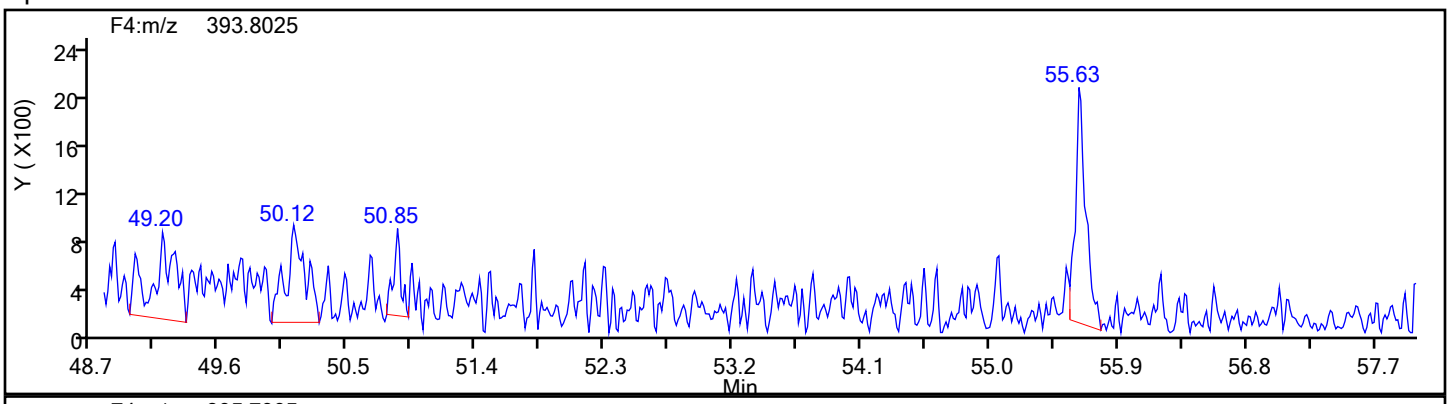


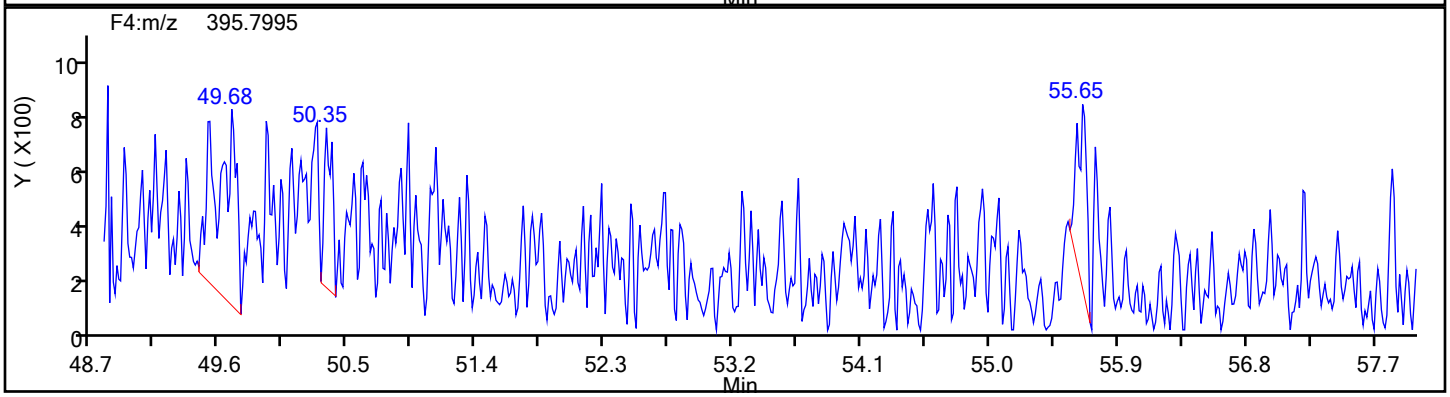
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

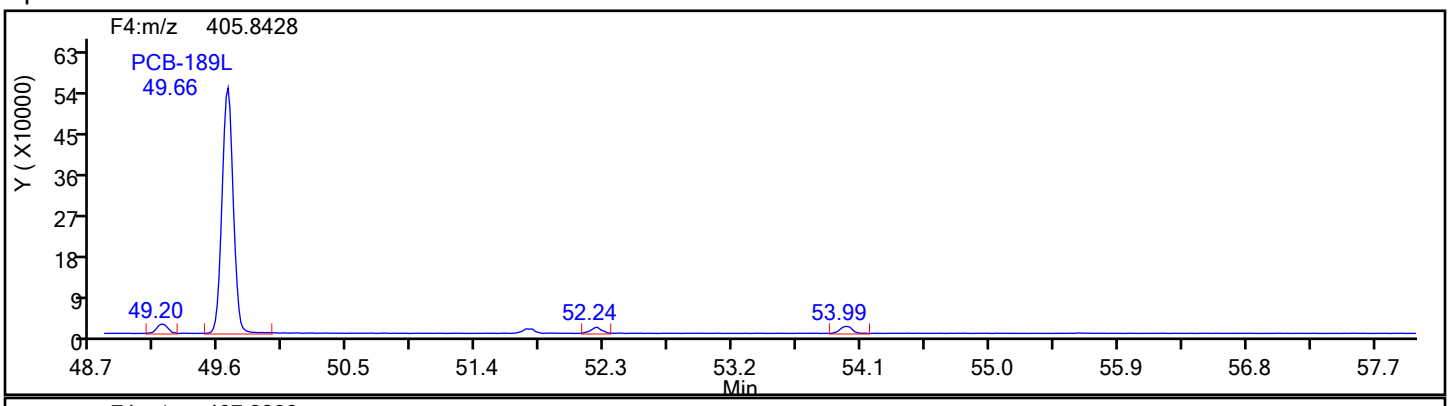
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

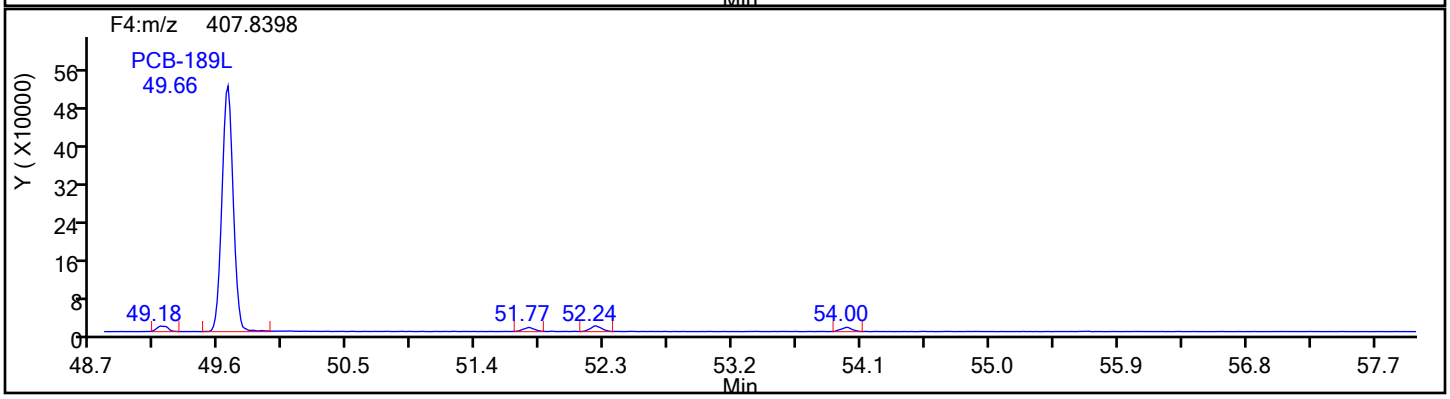
HpPCB F4





HpPCB F4 Standards



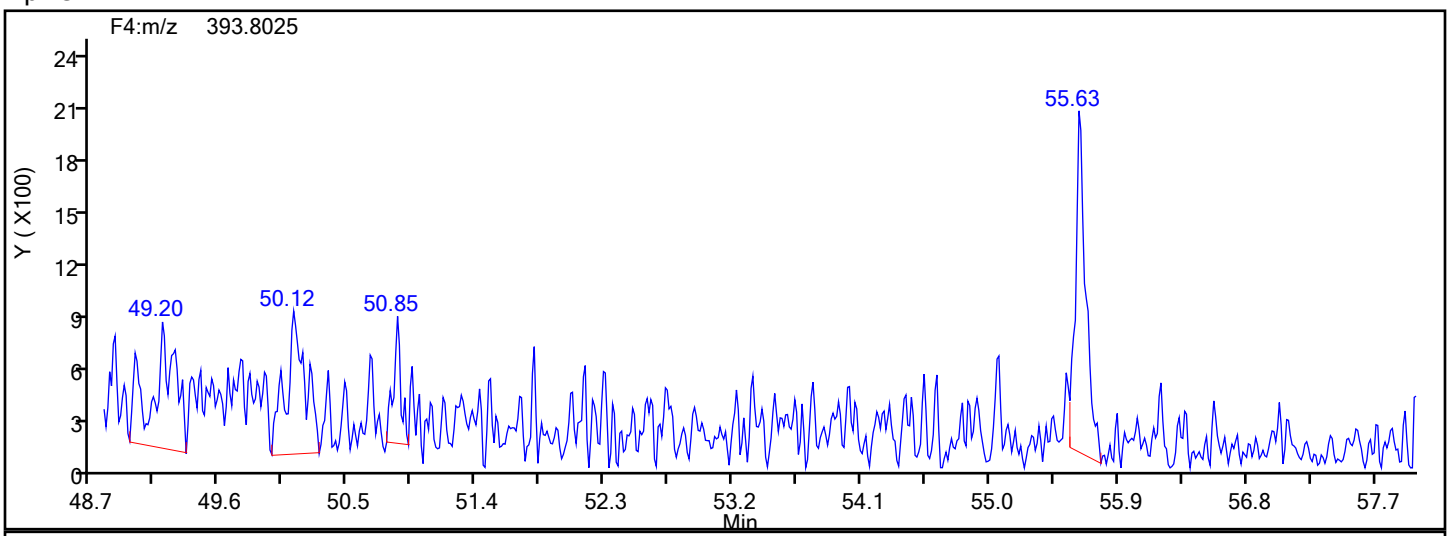


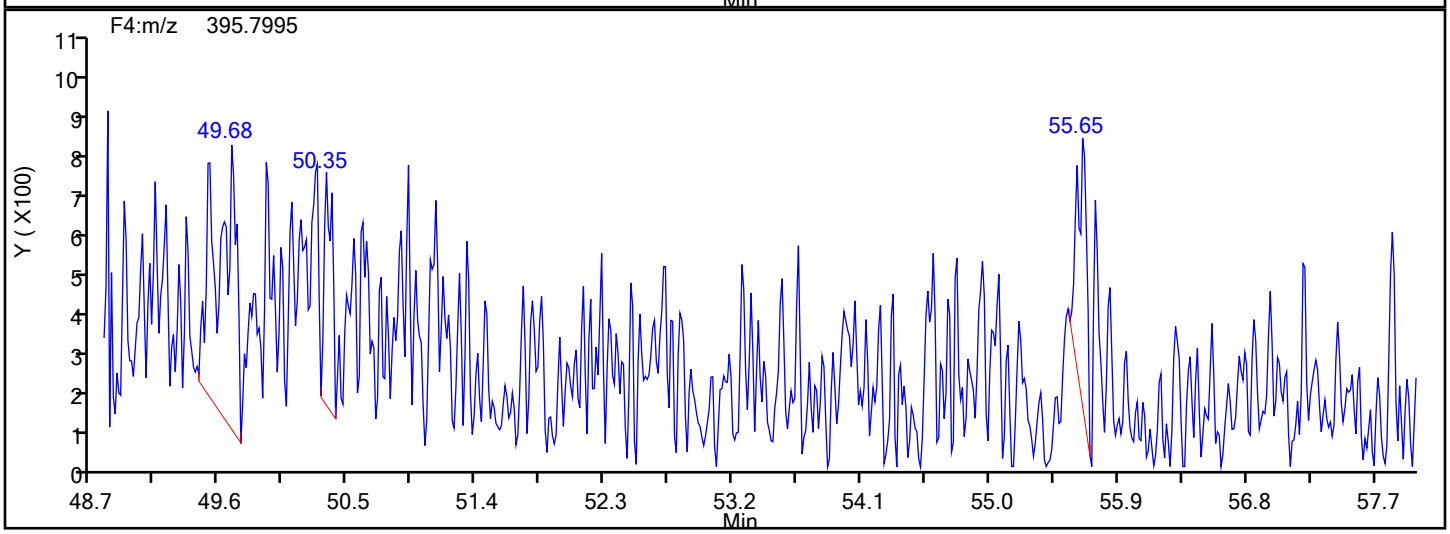
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

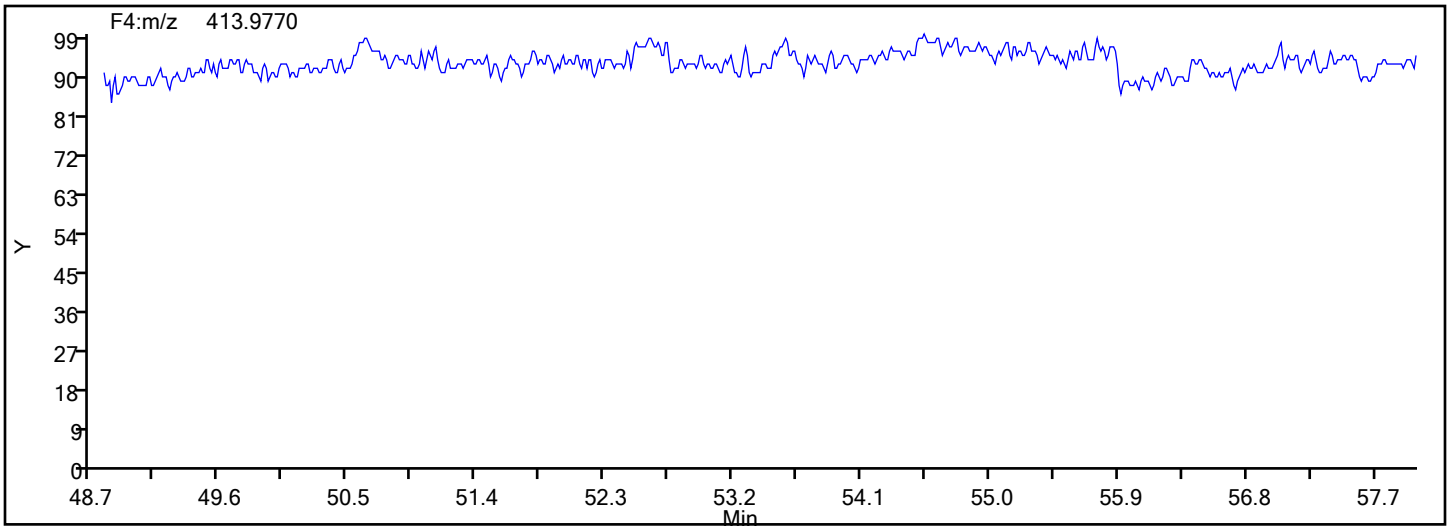
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



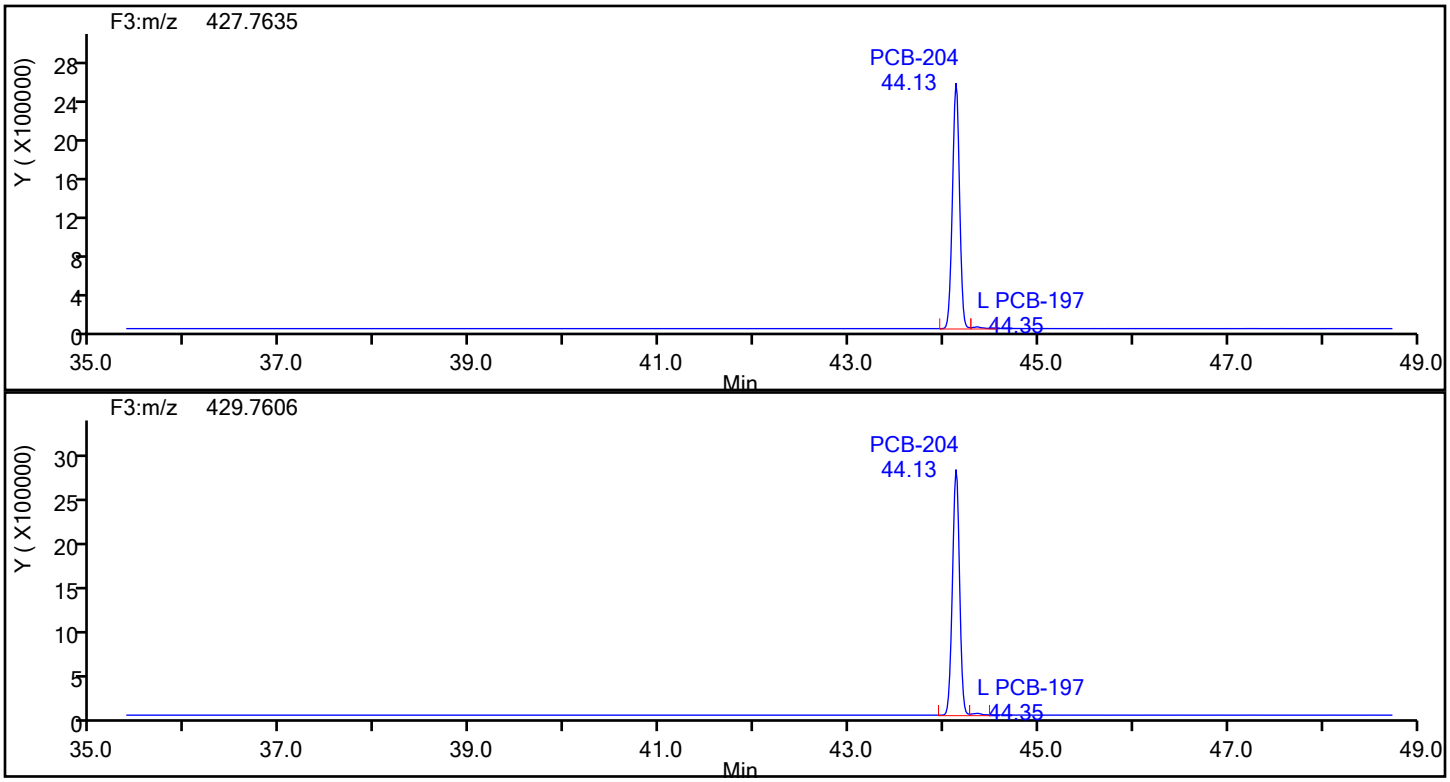
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

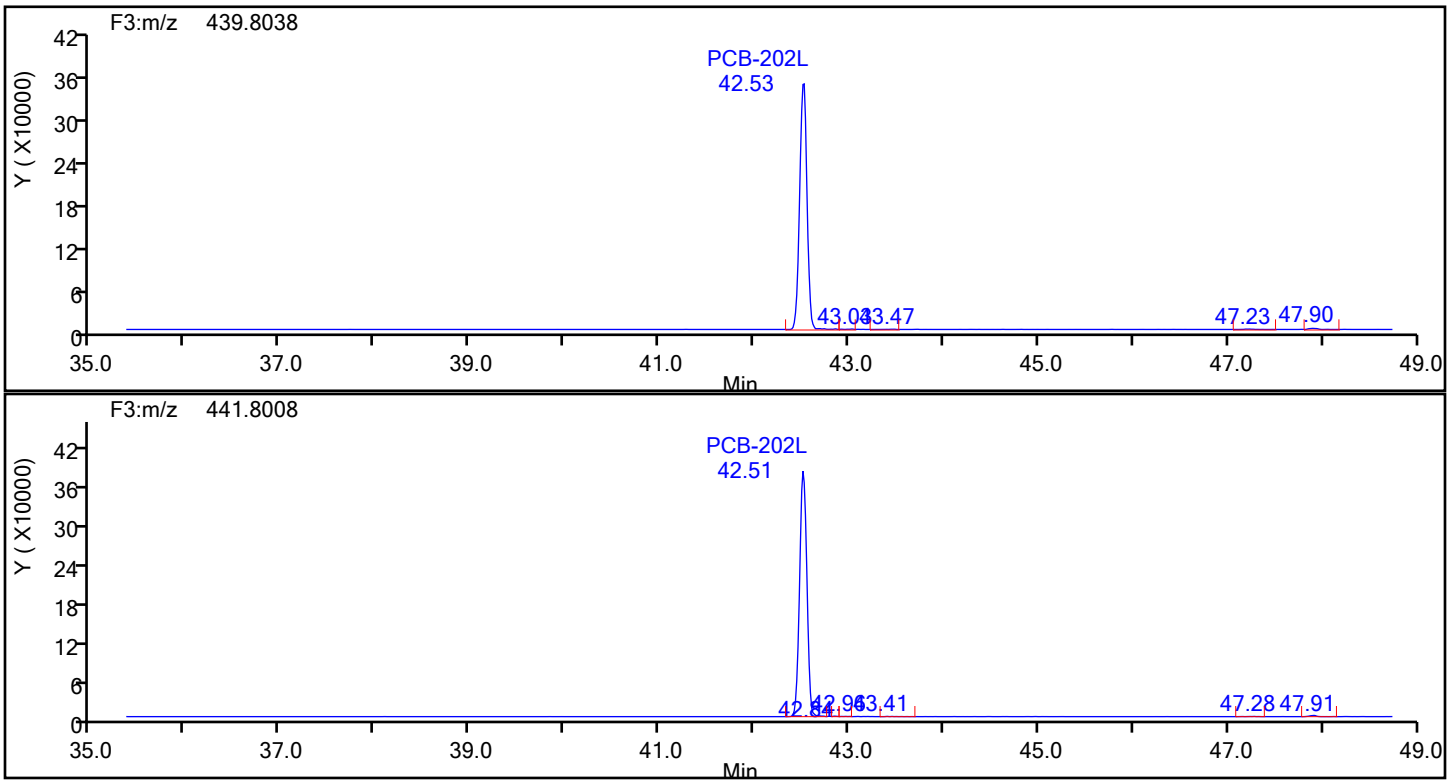
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

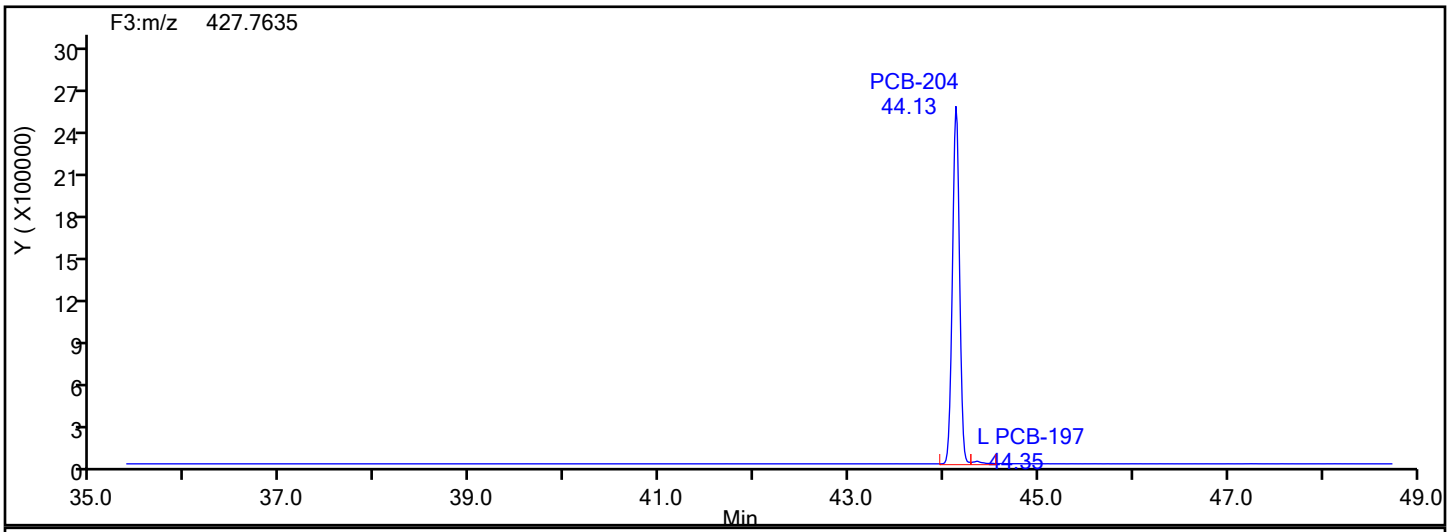


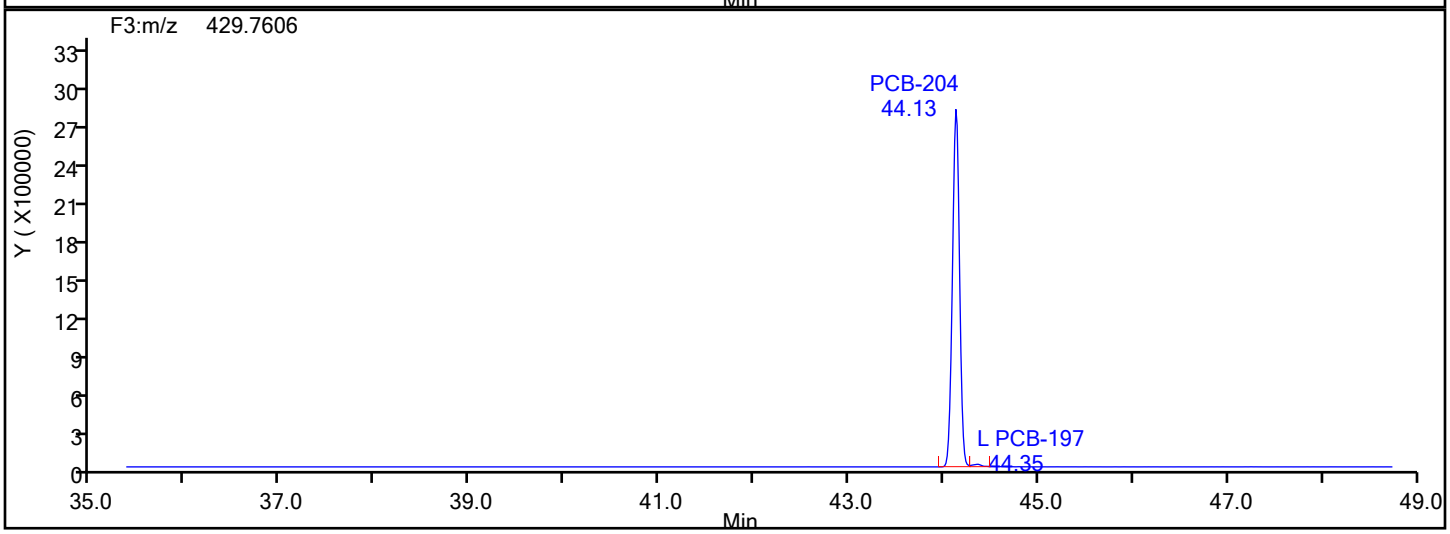
Report Date: 05-Jan-2024 00:45:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

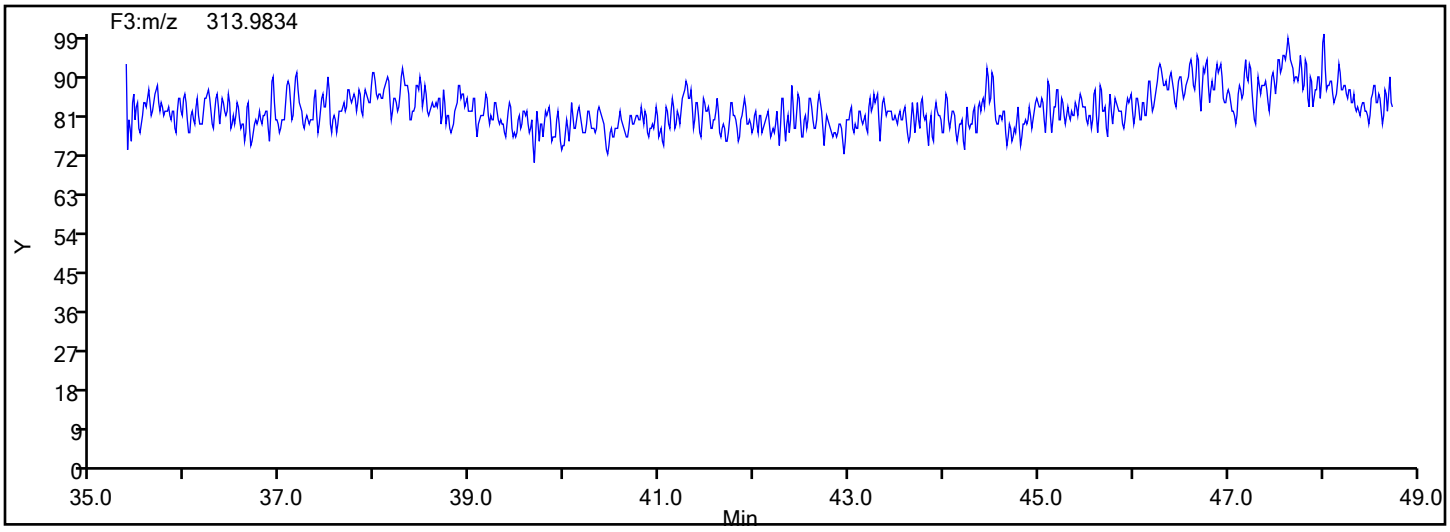
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



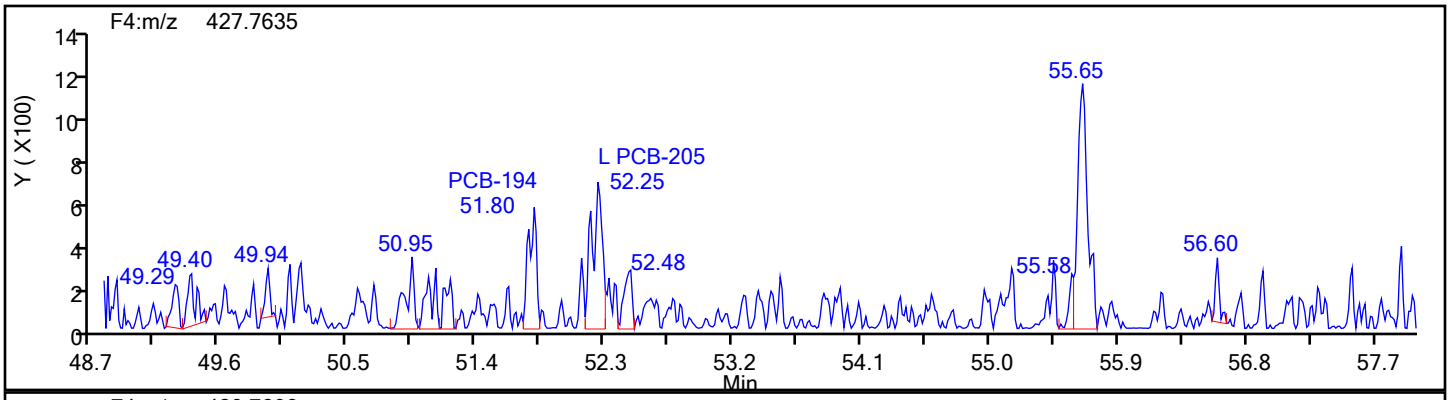
Report Date: 05-Jan-2024 00:45:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

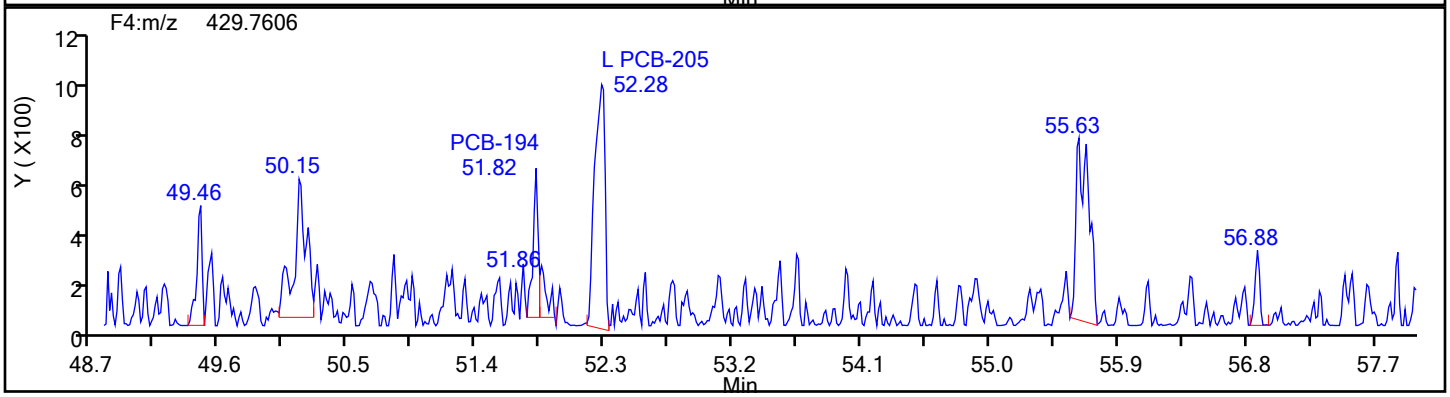
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

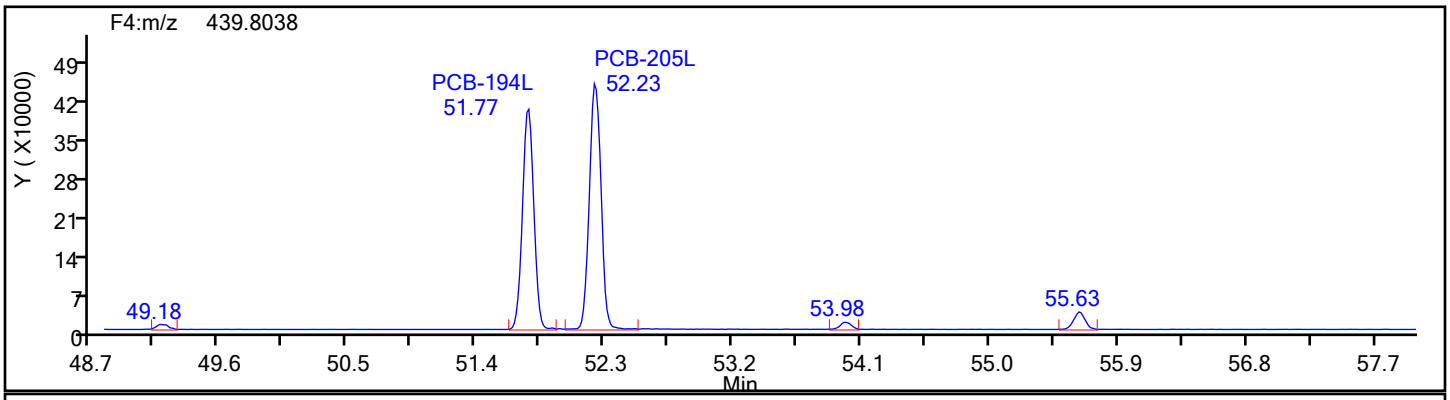
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

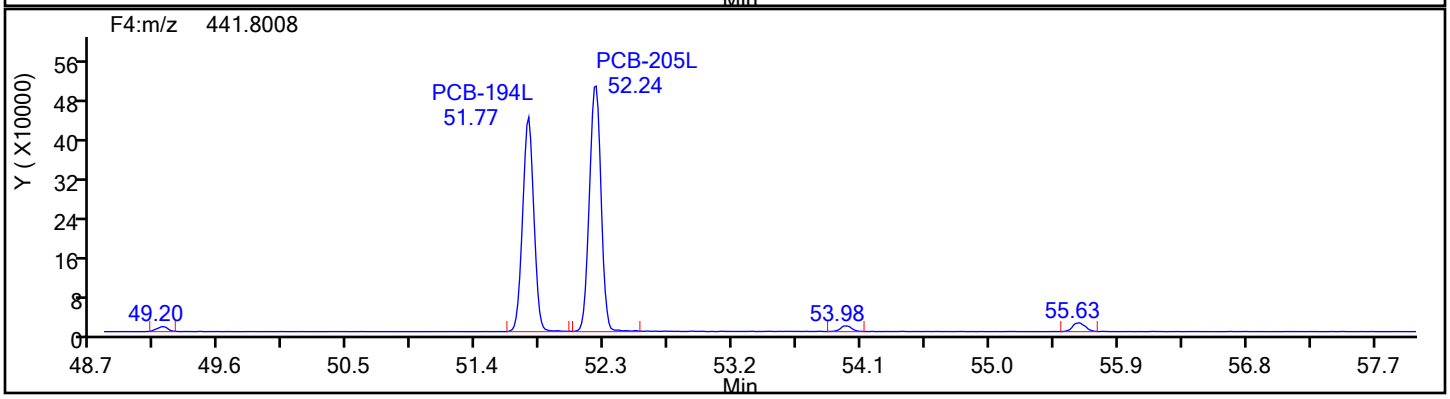
OcPCB F4





OcPCB F4 Standards



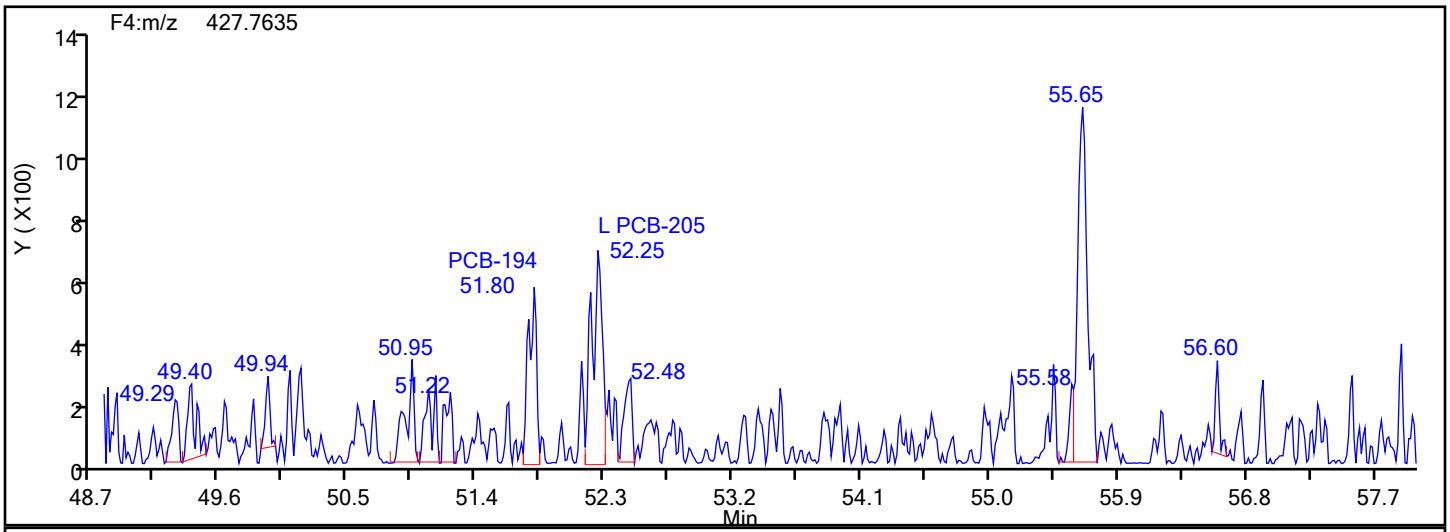


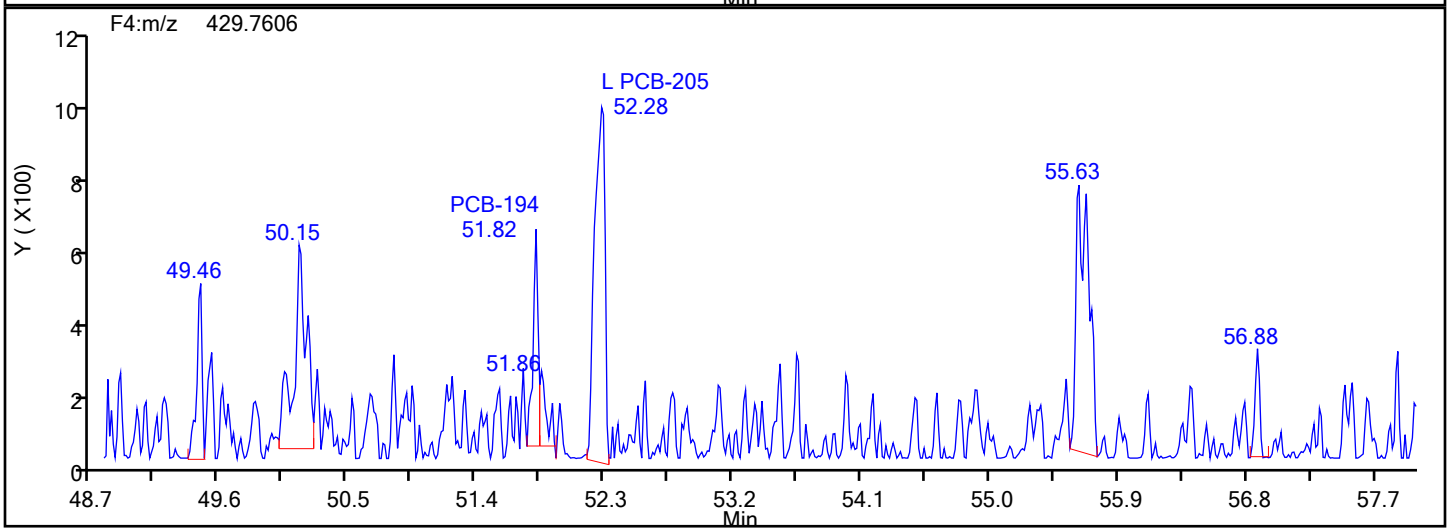
Report Date: 05-Jan-2024 00:45:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

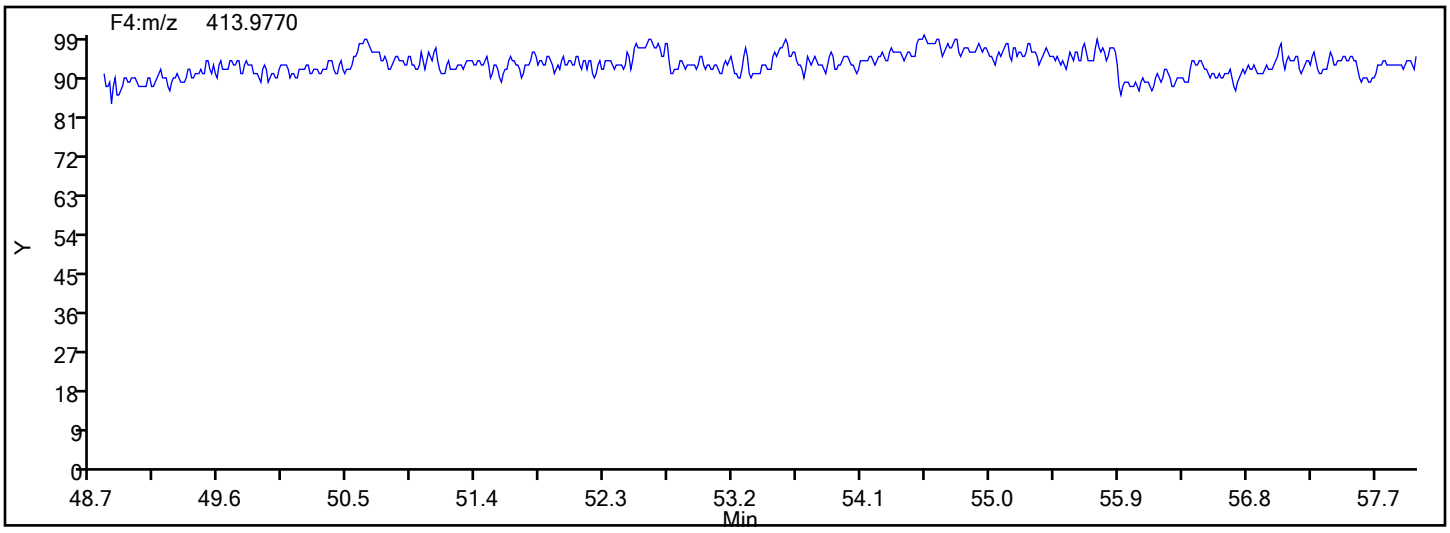
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

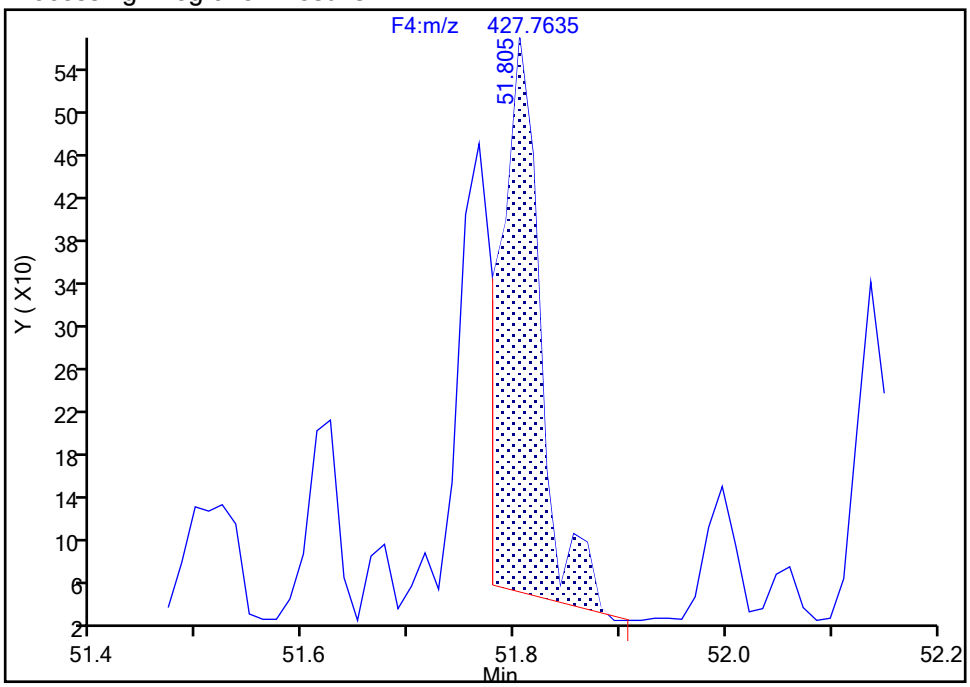
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-194, CAS: 35694-08-7

Signal: 1

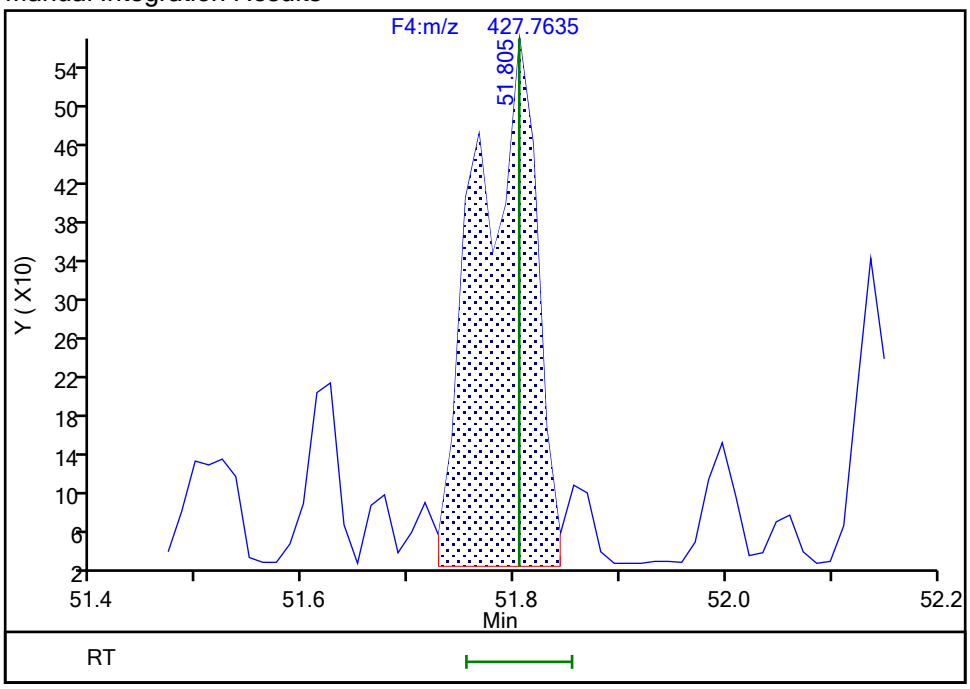
Processing Integration Results

RT: 51.80
Area: 1291
Amount: 0.065831
Amount Units: pg/ul



Manual Integration Results

RT: 51.80
Area: 2158
Amount: 0.070414
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:44:31 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

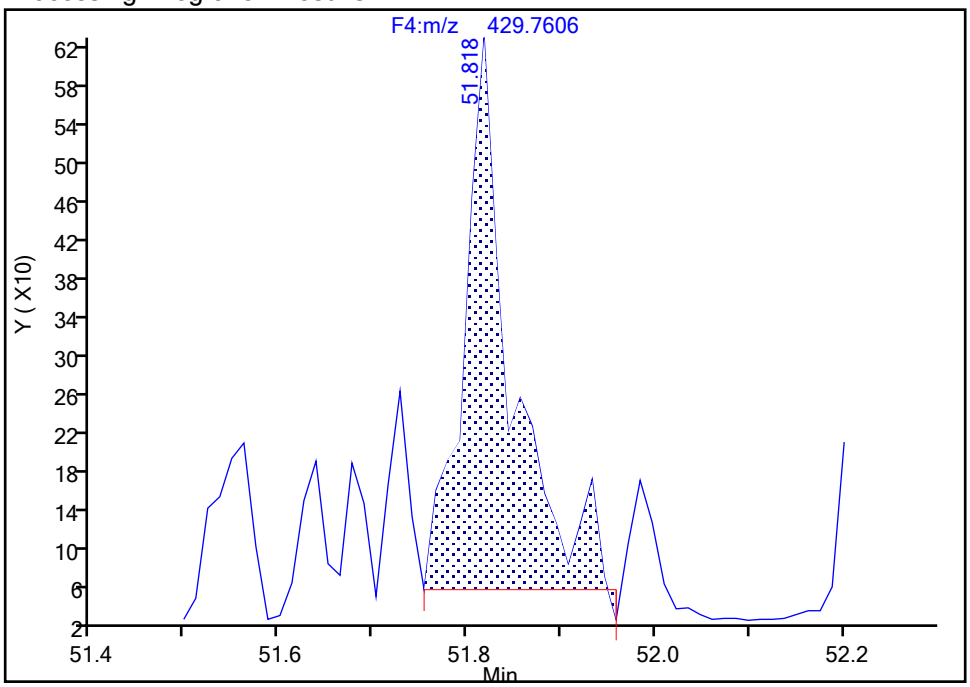
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-194, CAS: 35694-08-7

Signal: 2

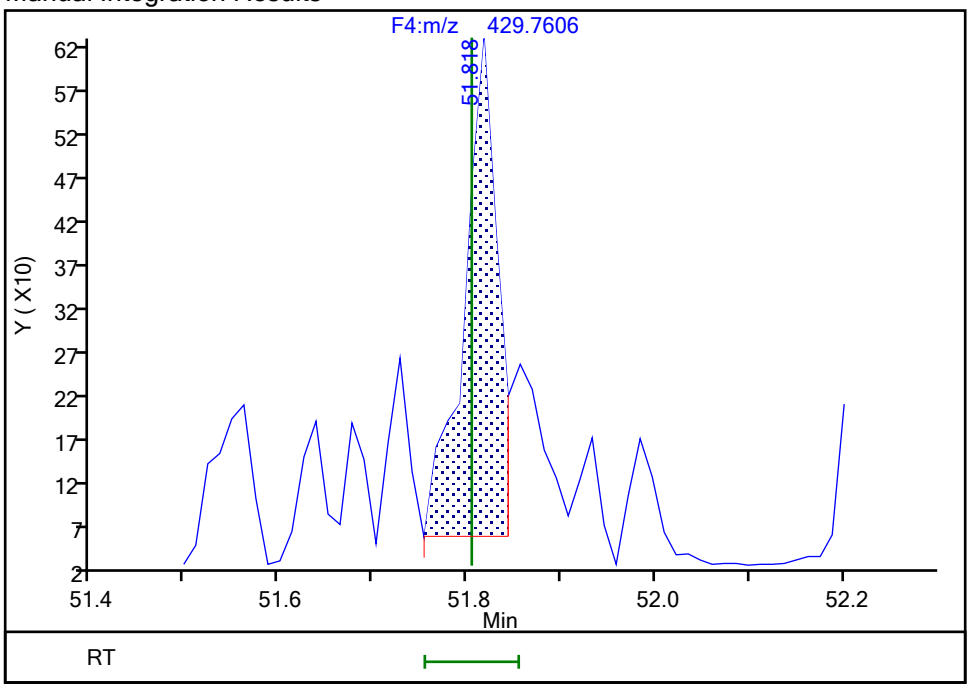
Processing Integration Results

RT: 51.82
Area: 2027
Amount: 0.065831
Amount Units: pg/ul



Manual Integration Results

RT: 51.82
Area: 1391
Amount: 0.070414
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:44:40 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

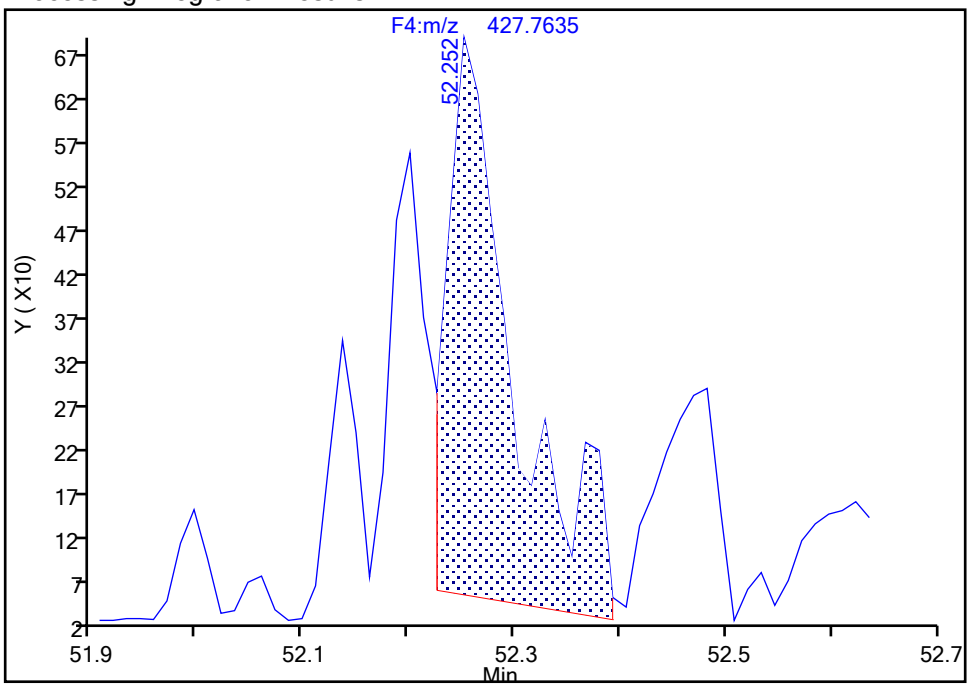
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 1

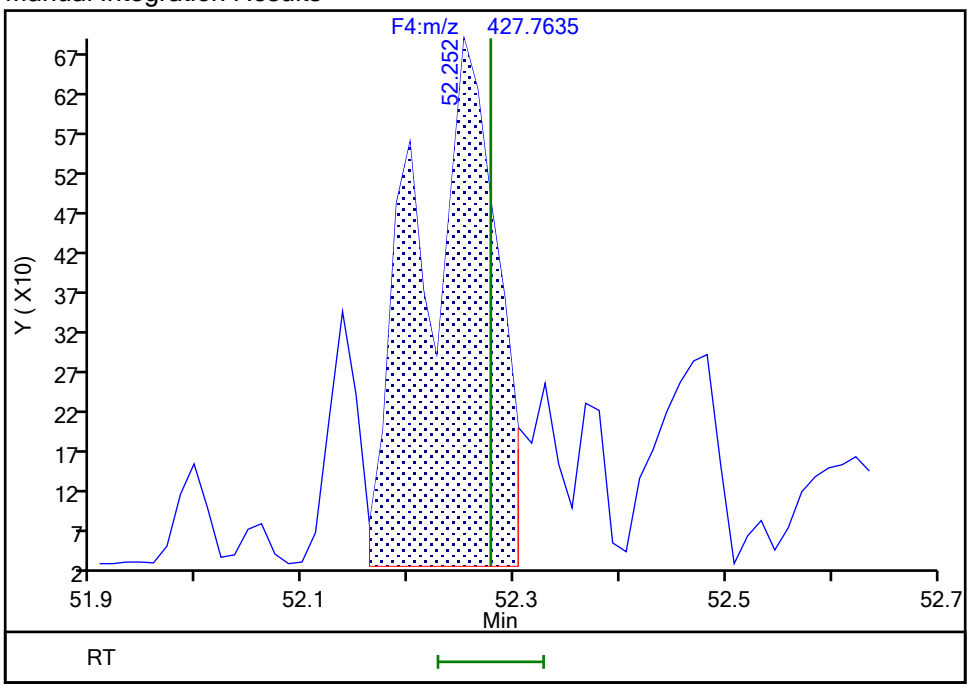
Processing Integration Results

RT: 52.25
Area: 2734
Amount: 0.115135
Amount Units: pg/ul



Manual Integration Results

RT: 52.25
Area: 3361
Amount: 0.132624
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:44:59 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

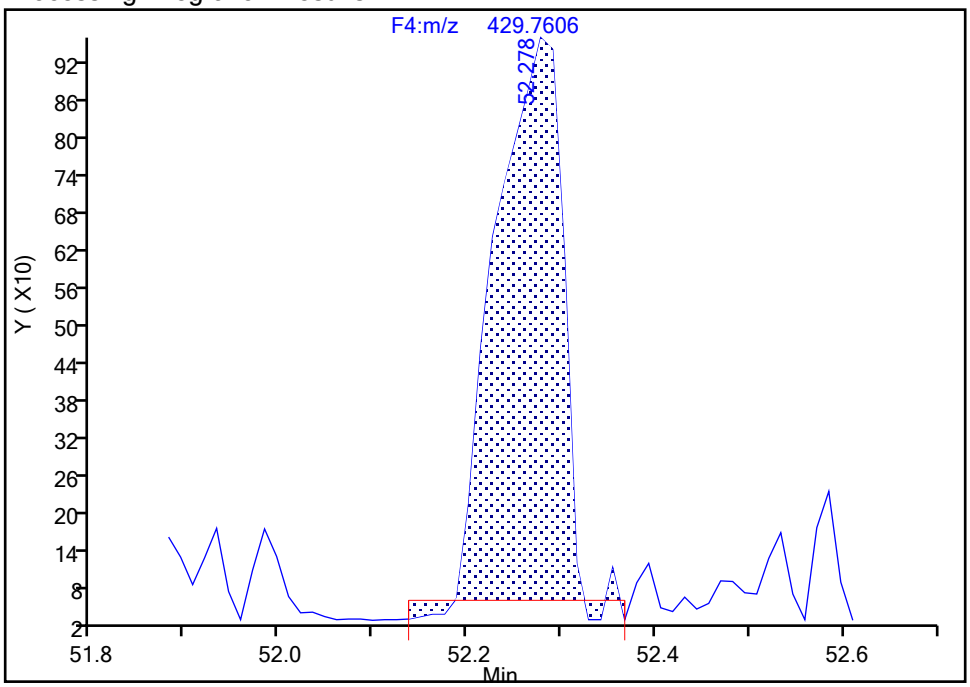
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d				
Injection Date:	04-Jan-2024 18:06:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-6-B	Lab Sample ID:	140-34509-6		
Client ID:	PW-03-DUP				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	10
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 2

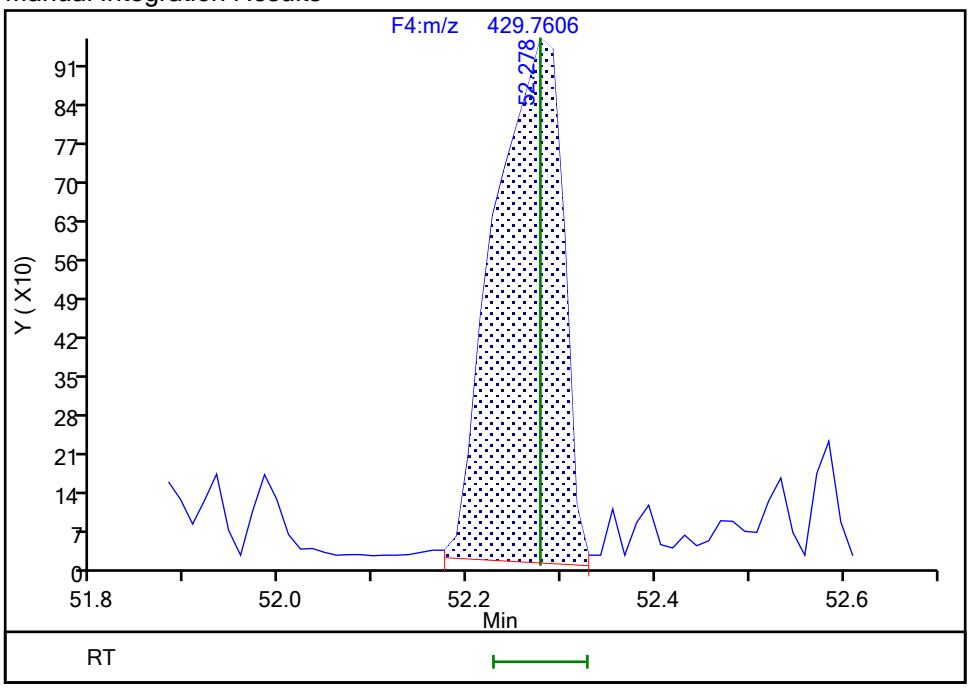
Processing Integration Results

RT: 52.28
Area: 4330
Amount: 0.115135
Amount Units: pg/ul



Manual Integration Results

RT: 52.28
Area: 4776
Amount: 0.132624
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:45:04 -05:00:00 (UTC)

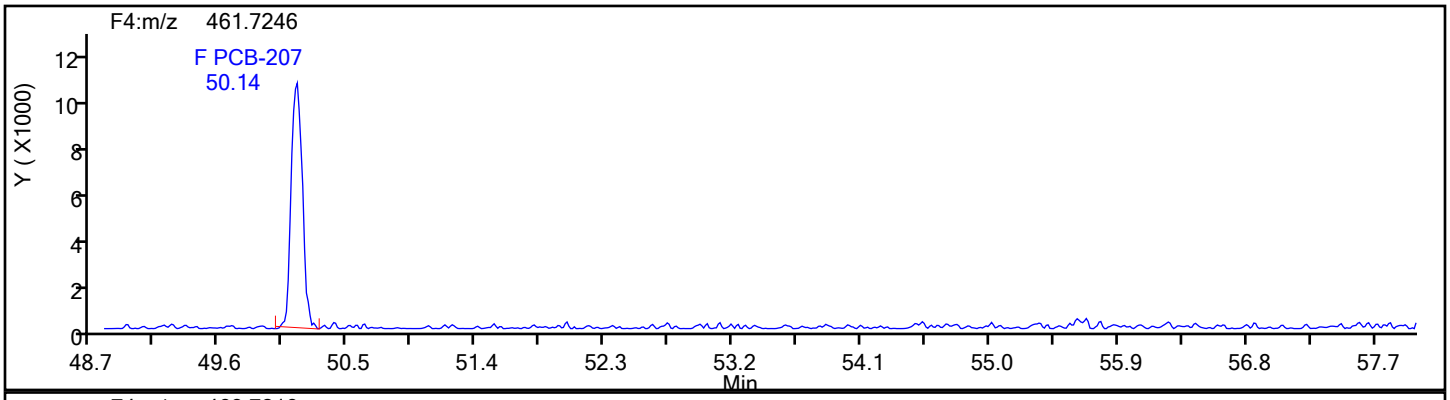
Audit Action: Manually Integrated Audit Reason: Baseline

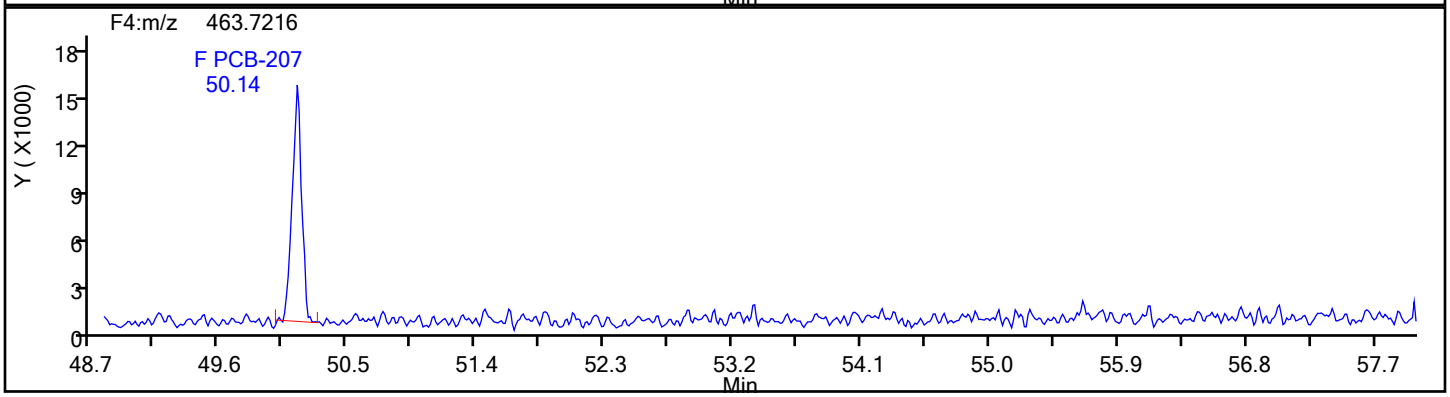
Report Date: 05-Jan-2024 00:45:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

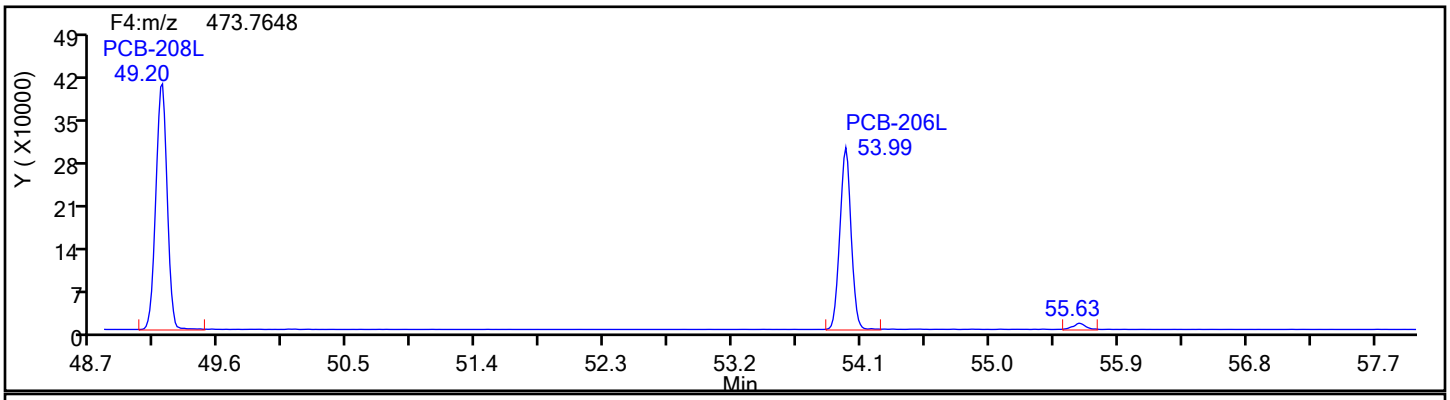
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

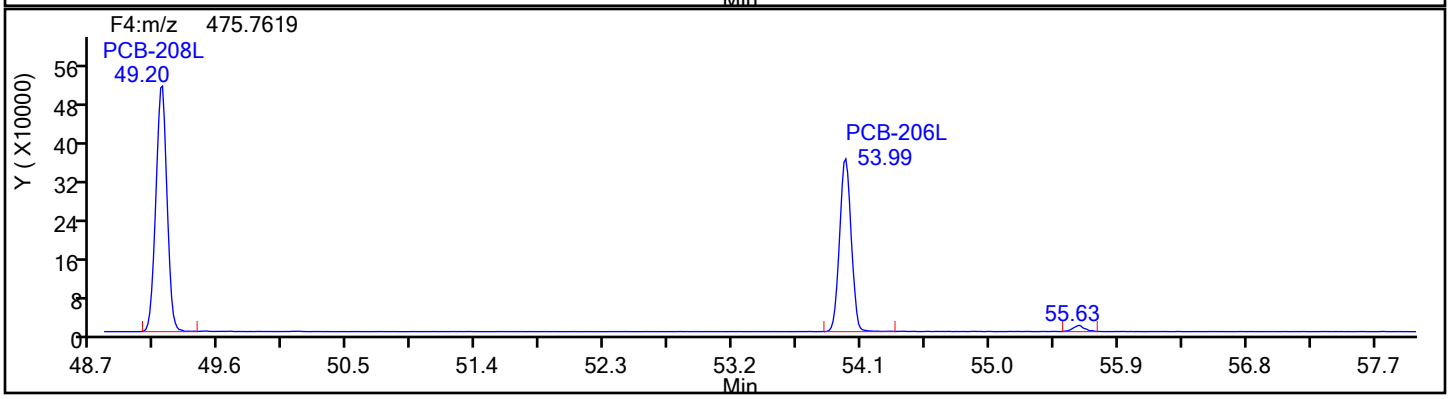
NoPCB F4





NoPCB F4 Standards



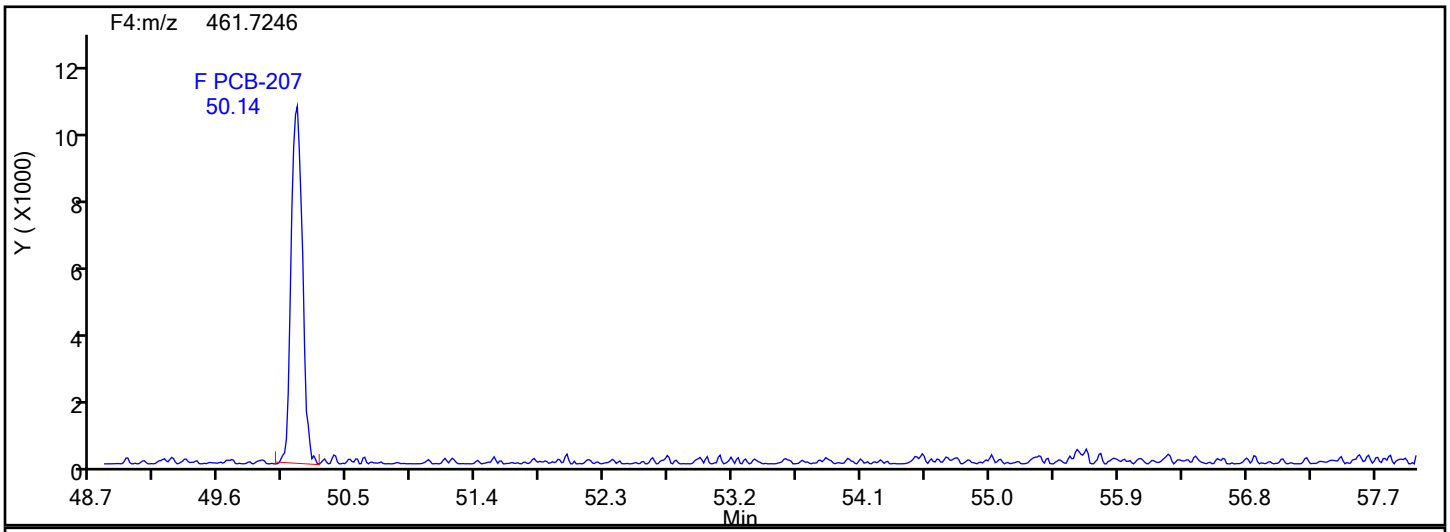


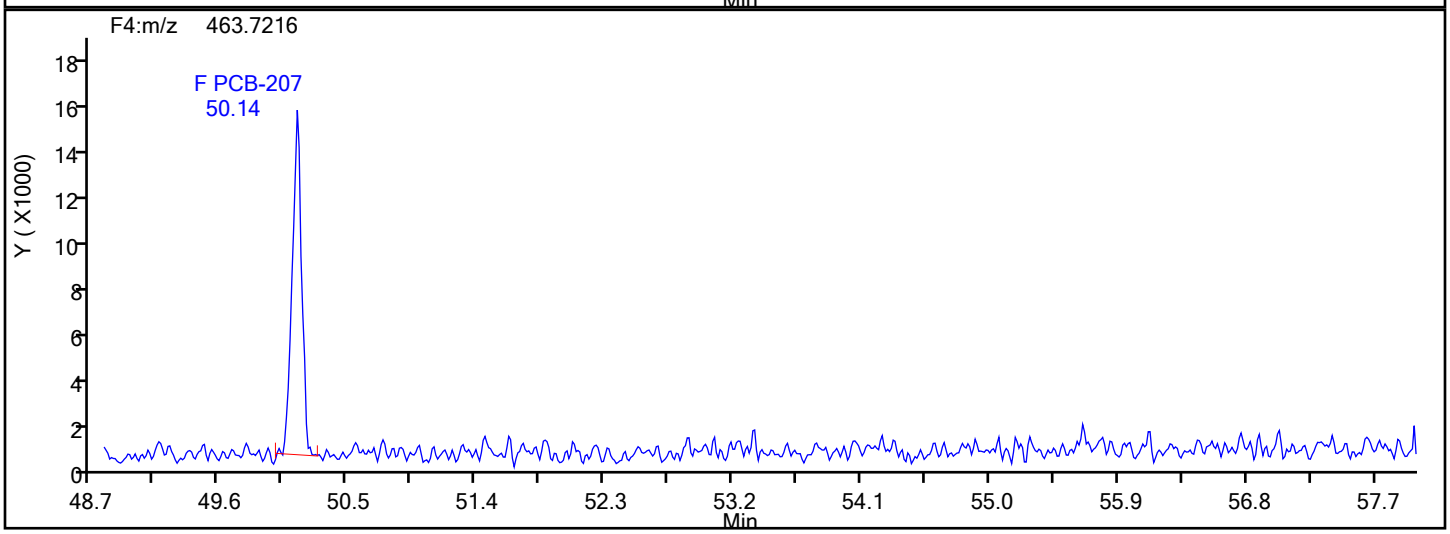
Report Date: 05-Jan-2024 00:45:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

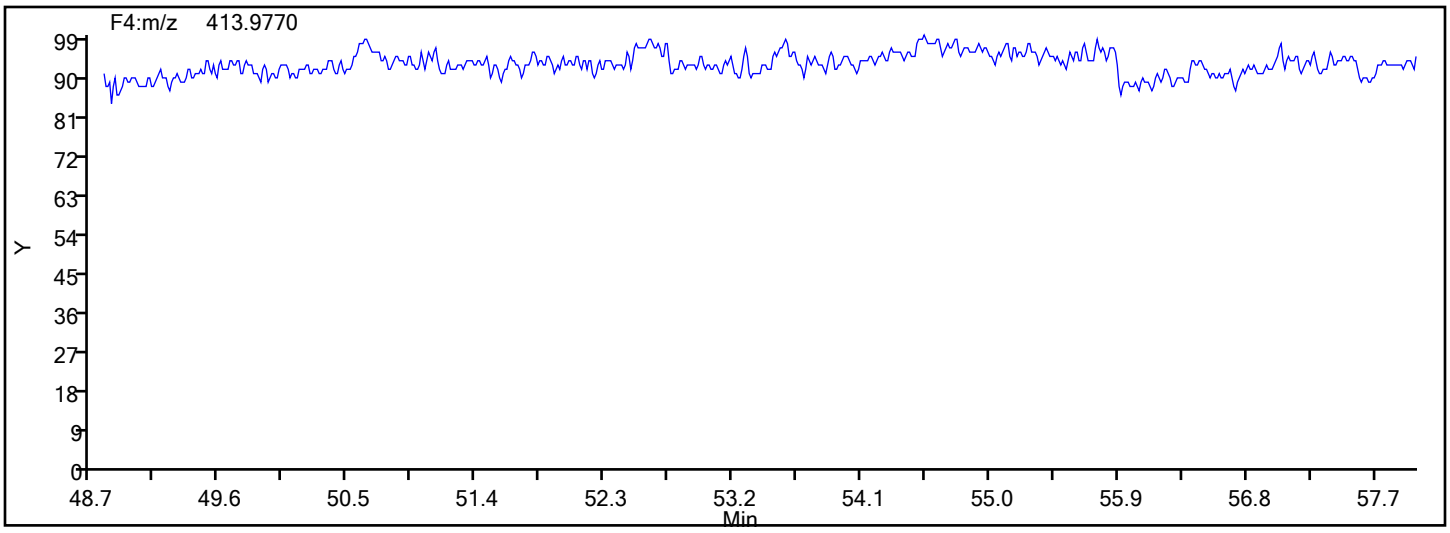
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



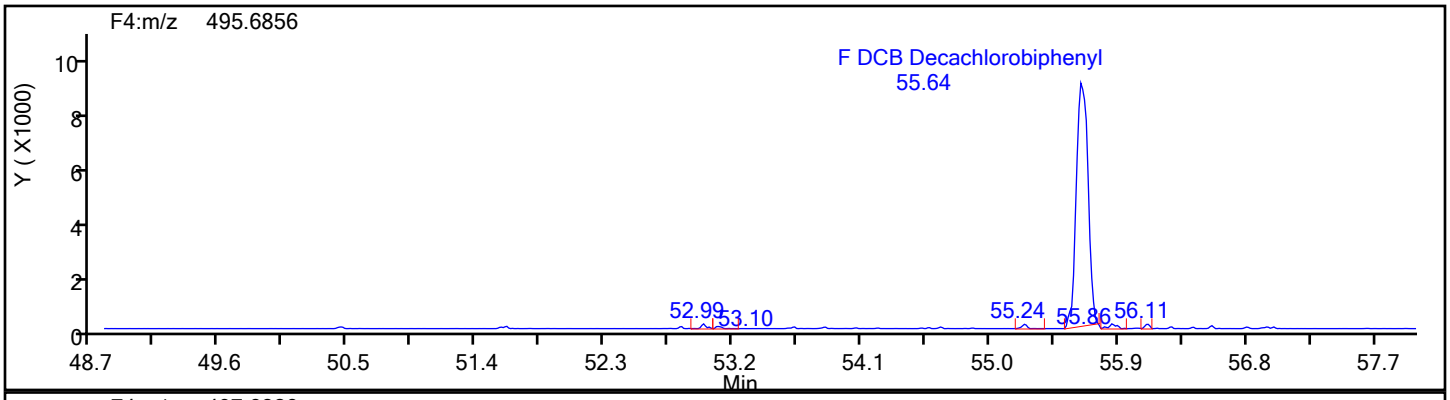
Report Date: 05-Jan-2024 00:45:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

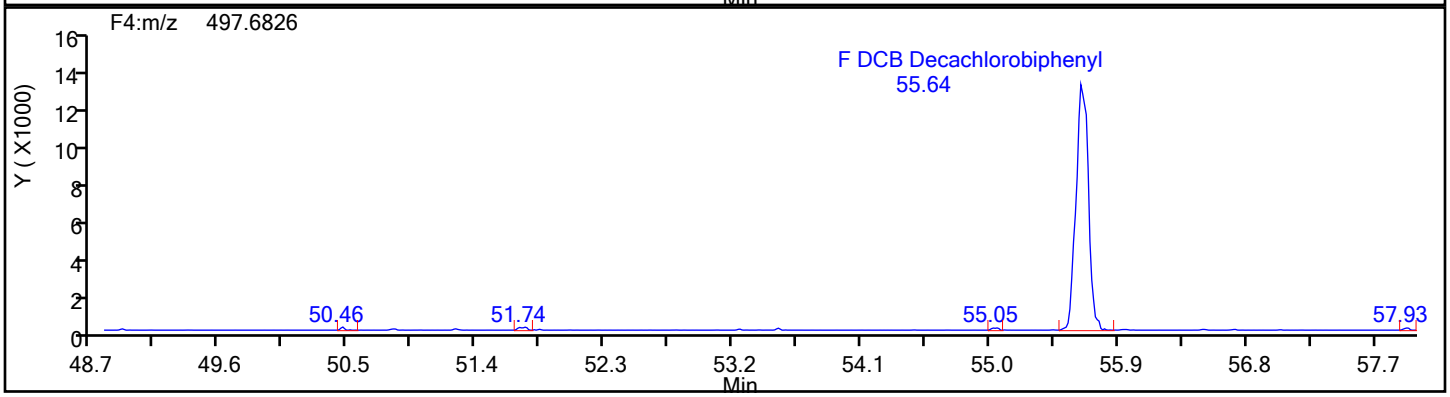
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d

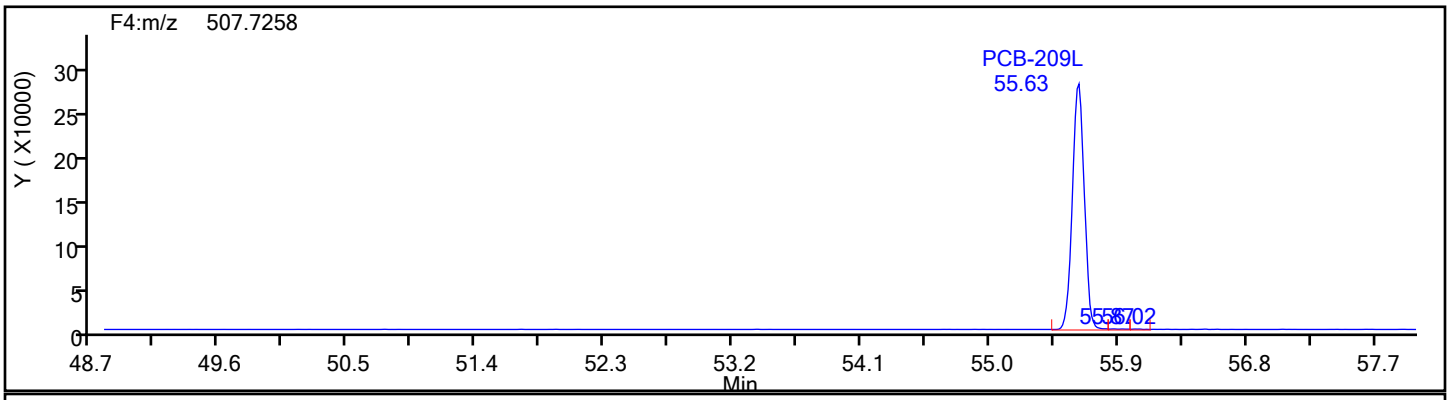
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

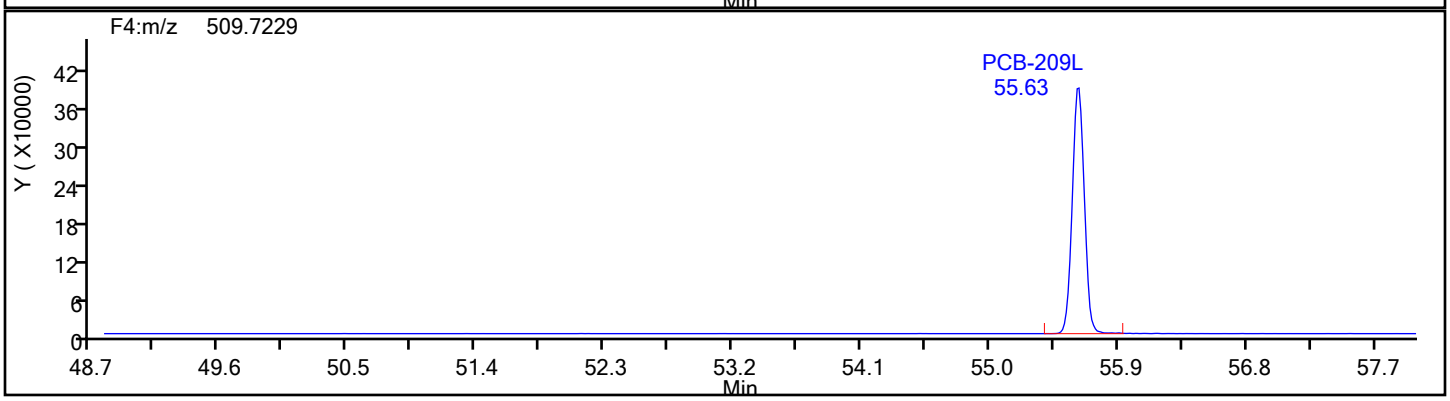
DePCB F4





DePCB F4 Standards



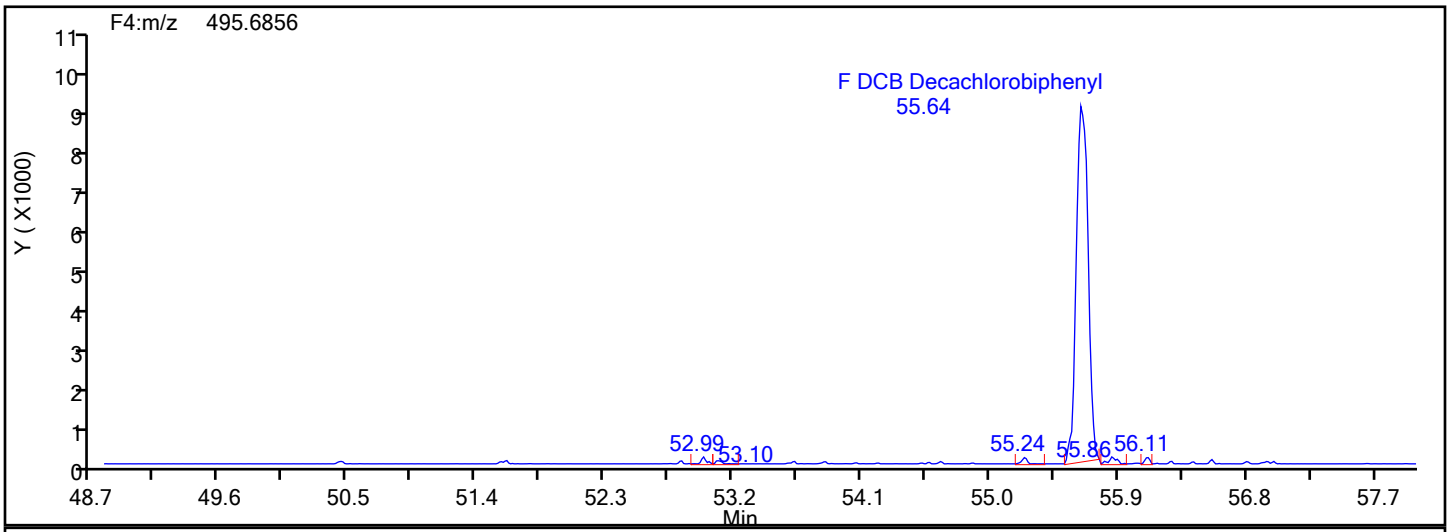


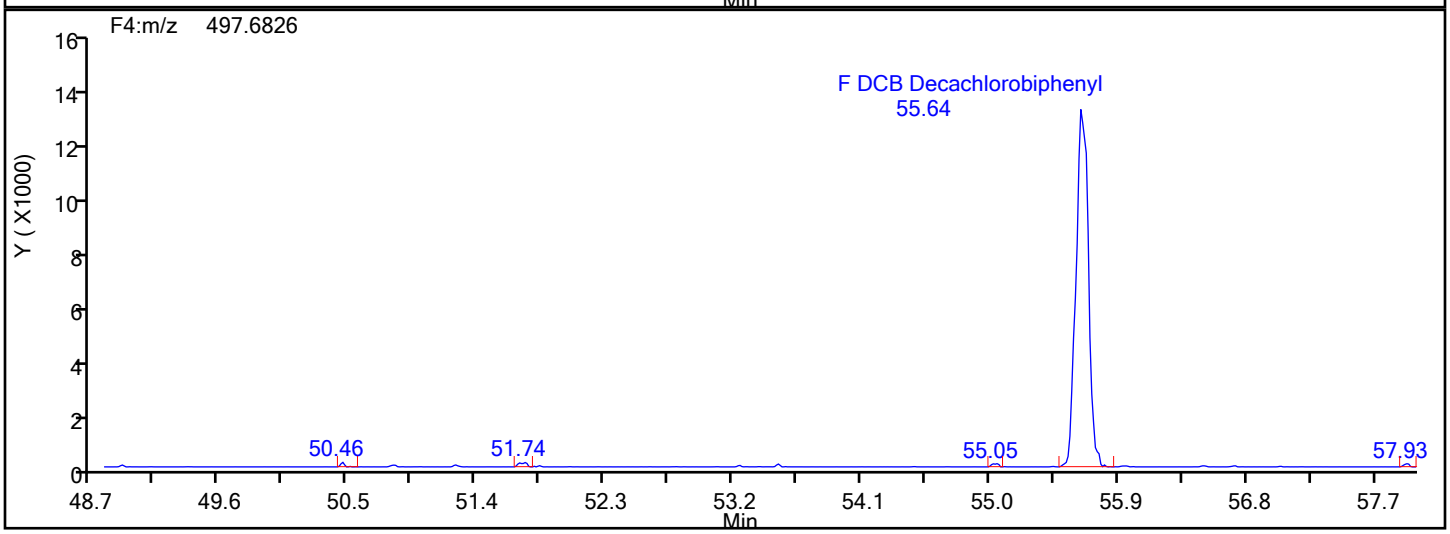
Report Date: 05-Jan-2024 00:45:52 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

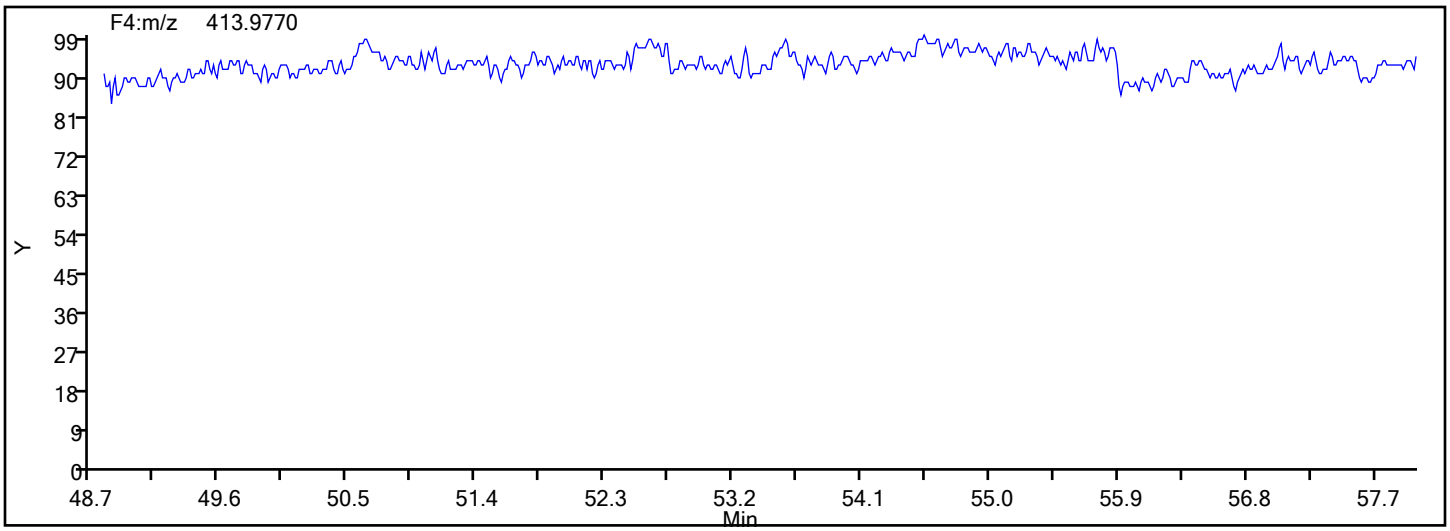
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-6-b.d		
Injection Date:	04-Jan-2024 18:06:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	PW-03-DUP		
Worklist#:	82009	Sample Line#:	10
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-01 | Lab Sample ID: 140-34509-7

Matrix: PE | Lab File ID: 140-34509-a-7-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:21

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.046(g) | Date Analyzed: 01/04/2024 19:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	ND		2.2	0.040
2051-61-8	PCB-2	0.21	J	2.2	0.044
2051-62-9	PCB-3	ND		2.2	0.053
13029-08-8	PCB-4	ND		4.3	0.13
16605-91-7	PCB-5	ND		2.2	0.13
25569-80-6	PCB-6	ND		2.2	0.11
33284-50-3	PCB-7	ND		2.2	0.13
34883-43-7	PCB-8	ND		4.3	0.11
34883-39-1	PCB-9	ND		2.2	0.12
33146-45-1	PCB-10	ND		2.2	0.14
2050-67-1	PCB-11	4.5	q B	4.3	0.11
2974-92-7	PCB-12	ND	C	4.3	0.13
2974-90-5	PCB-13	ND	C12	4.3	0.13
34883-41-5	PCB-14	2500		2.2	0.13
2050-68-2	PCB-15	ND		2.2	0.14
38444-78-9	PCB-16	ND		2.2	0.045
37680-66-3	PCB-17	0.14	J q	2.2	0.045
37680-65-2	PCB-18	0.24	J q C	4.3	0.030
38444-73-4	PCB-19	ND		2.2	0.042
38444-84-7	PCB-20	ND	C	4.3	0.50
55702-46-0	PCB-21	ND	C	4.3	0.49
38444-85-8	PCB-22	ND		2.2	0.46
55720-44-0	PCB-23	ND		2.2	0.54
55702-45-9	PCB-24	ND		2.2	0.031
55712-37-3	PCB-25	ND		2.2	0.43
38444-81-4	PCB-26	ND	C	4.3	0.55
38444-76-7	PCB-27	ND		2.2	0.032
7012-37-5	PCB-28	ND	C20	4.3	0.50
15862-07-4	PCB-29	ND	C26	4.3	0.55
35693-92-6	PCB-30	0.24	J q C18	4.3	0.030
16606-02-3	PCB-31	ND		4.3	0.45
38444-77-8	PCB-32	0.092	J B	2.2	0.028

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-01 | Lab Sample ID: 140-34509-7

Matrix: PE | Lab File ID: 140-34509-a-7-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:21

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.046(g) | Date Analyzed: 01/04/2024 19:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	ND	C21	4.3	0.49
37680-68-5	PCB-34	ND		2.2	0.55
37680-69-6	PCB-35	ND		2.2	0.49
38444-87-0	PCB-36	470		2.2	0.43
38444-90-5	PCB-37	ND		2.2	0.48
53555-66-1	PCB-38	ND		2.2	0.47
38444-88-1	PCB-39	ND		2.2	0.48
38444-93-8	PCB-40	ND	C	6.5	0.026
52663-59-9	PCB-41	ND	C40	6.5	0.026
36559-22-5	PCB-42	ND		2.2	0.029
70362-46-8	PCB-43	2.1	J q C	4.3	0.022
41464-39-5	PCB-44	36	C	6.5	0.023
70362-45-7	PCB-45	2.0	J C	4.3	0.028
41464-47-5	PCB-46	ND		2.2	0.033
2437-79-8	PCB-47	36	C44	6.5	0.023
70362-47-9	PCB-48	ND		2.2	0.026
41464-40-8	PCB-49	ND	C	4.3	0.022
62796-65-0	PCB-50	ND	C	4.3	0.026
68194-04-7	PCB-51	2.0	J C45	4.3	0.028
35693-99-3	PCB-52	ND		2.2	0.023
41464-41-9	PCB-53	ND	C50	4.3	0.026
15968-05-5	PCB-54	0.27	J q	2.2	0.042
74338-24-2	PCB-55	ND		2.2	0.016
41464-43-1	PCB-56	ND		2.2	0.016
70424-67-8	PCB-57	ND		2.2	0.018
41464-49-7	PCB-58	ND		2.2	0.015
74472-33-6	PCB-59	ND	C	6.5	0.020
33025-41-1	PCB-60	ND		2.2	0.019
33284-53-6	PCB-61	ND	C	8.7	0.017
54230-22-7	PCB-62	ND	C59	6.5	0.020
74472-34-7	PCB-63	ND		2.2	0.018
52663-58-8	PCB-64	ND		2.2	0.019

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-01 | Lab Sample ID: 140-34509-7

Matrix: PE | Lab File ID: 140-34509-a-7-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:21

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.046(g) | Date Analyzed: 01/04/2024 19:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	36	C44	6.5	0.023
32598-10-0	PCB-66	ND		2.2	0.016
73575-53-8	PCB-67	ND		2.2	0.015
73575-52-7	PCB-68	5.7		2.2	0.017
60233-24-1	PCB-69	ND	C49	4.3	0.022
32598-11-1	PCB-70	ND	C61	8.7	0.017
41464-46-4	PCB-71	ND	C40	6.5	0.026
41464-42-0	PCB-72	ND		2.2	0.017
74338-23-1	PCB-73	2.1	J q C43	4.3	0.022
32690-93-0	PCB-74	ND	C61	8.7	0.017
32598-12-2	PCB-75	ND	C59	6.5	0.020
70362-48-0	PCB-76	ND	C61	8.7	0.017
32598-13-3	PCB-77	ND		2.2	0.018
70362-49-1	PCB-78	1000		2.2	0.016
41464-48-6	PCB-79	ND		2.2	0.014
33284-52-5	PCB-80	ND		2.2	0.015
70362-50-4	PCB-81	1.5	J	2.2	0.020
52663-62-4	PCB-82	ND		2.2	0.12
60145-20-2	PCB-83	ND	C	4.3	0.12
52663-60-2	PCB-84	ND		2.2	0.15
65510-45-4	PCB-85	ND	C	6.5	0.10
55312-69-1	PCB-86	ND	C	13	0.10
38380-02-8	PCB-87	ND	C86	13	0.10
55215-17-3	PCB-88	ND	C	4.3	0.13
73575-57-2	PCB-89	ND		2.2	0.12
68194-07-0	PCB-90	ND	C	6.5	0.11
68194-05-8	PCB-91	ND	C88	4.3	0.13
52663-61-3	PCB-92	ND		2.2	0.14
73575-56-1	PCB-93	ND	C	4.3	0.14
73575-55-0	PCB-94	ND		2.2	0.15
38379-99-6	PCB-95	ND		2.2	0.13
73575-54-9	PCB-96	ND		2.2	0.092

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-01 | Lab Sample ID: 140-34509-7

Matrix: PE | Lab File ID: 140-34509-a-7-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:21

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.046(g) | Date Analyzed: 01/04/2024 19:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41464-51-1	PCB-97	ND	C86	13	0.10
60233-25-2	PCB-98	ND	C	4.3	0.12
38380-01-7	PCB-99	ND	C83	4.3	0.12
39485-83-1	PCB-100	ND	C93	4.3	0.14
37680-73-2	PCB-101	ND	C90	6.5	0.11
68194-06-9	PCB-102	ND	C98	4.3	0.12
60145-21-3	PCB-103	ND		2.2	0.13
56558-16-8	PCB-104	2100		2.2	0.11
32598-14-4	PCB-105	ND		2.2	0.16
70424-69-0	PCB-106	16		2.2	0.14
70424-68-9	PCB-107	ND		2.2	0.14
70362-41-3	PCB-108	ND	C	4.3	0.15
74472-35-8	PCB-109	ND	C86	13	0.10
38380-03-9	PCB-110	ND	C	4.3	0.078
39635-32-0	PCB-111	ND		2.2	0.087
74472-36-9	PCB-112	ND		2.2	0.075
68194-10-5	PCB-113	ND	C90	6.5	0.11
74472-37-0	PCB-114	ND		2.2	0.15
74472-38-1	PCB-115	ND	C110	4.3	0.078
18259-05-7	PCB-116	ND	C85	6.5	0.10
68194-11-6	PCB-117	ND	C85	6.5	0.10
31508-00-6	PCB-118	ND		2.2	0.15
56558-17-9	PCB-119	ND	C86	13	0.10
68194-12-7	PCB-120	ND		2.2	0.070
56558-18-0	PCB-121	540		2.2	0.082
76842-07-4	PCB-122	ND		2.2	0.18
65510-44-3	PCB-123	ND		2.2	0.15
70424-70-3	PCB-124	ND	C108	4.3	0.15
74472-39-2	PCB-125	ND	C86	13	0.10
57465-28-8	PCB-126	ND		2.2	0.14
39635-33-1	PCB-127	ND		2.2	0.14
38380-07-3	PCB-128	ND	C	4.3	0.14

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-01 | Lab Sample ID: 140-34509-7

Matrix: PE | Lab File ID: 140-34509-a-7-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:21

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.046(g) | Date Analyzed: 01/04/2024 19:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
55215-18-4	PCB-129	ND	C	8.7	0.15
52663-66-8	PCB-130	ND		2.2	0.20
61798-70-7	PCB-131	ND		2.2	0.19
38380-05-1	PCB-132	ND		2.2	0.18
35694-04-3	PCB-133	ND		2.2	0.17
52704-70-8	PCB-134	ND	C	4.3	0.19
52744-13-5	PCB-135	ND	C	4.3	0.075
38411-22-2	PCB-136	ND		2.2	0.058
35694-06-5	PCB-137	ND		2.2	0.17
35065-28-2	PCB-138	ND	C129	8.7	0.15
56030-56-9	PCB-139	ND	C	4.3	0.16
59291-64-4	PCB-140	ND	C139	4.3	0.16
52712-04-6	PCB-141	ND		2.2	0.17
41411-61-4	PCB-142	490		2.2	0.19
68194-15-0	PCB-143	ND	C134	4.3	0.19
68194-14-9	PCB-144	ND		2.2	0.076
74472-40-5	PCB-145	ND		2.2	0.052
51908-16-8	PCB-146	ND		2.2	0.14
68194-13-8	PCB-147	ND	C	4.3	0.15
74472-41-6	PCB-148	ND		2.2	0.076
38380-04-0	PCB-149	ND	C147	4.3	0.15
68194-08-1	PCB-150	0.70	J q	2.2	0.056
52663-63-5	PCB-151	ND	C135	4.3	0.075
68194-09-2	PCB-152	1.3	J	2.2	0.050
35065-27-1	PCB-153	ND	C	4.3	0.12
60145-22-4	PCB-154	1.4	J	2.2	0.068
33979-03-2	PCB-155	630		2.2	0.060
38380-08-4	PCB-156	ND	C	4.3	0.15
69782-90-7	PCB-157	ND	C156	4.3	0.15
74472-42-7	PCB-158	ND		2.2	0.11
39635-35-3	PCB-159	2.5		2.2	0.10
41411-62-5	PCB-160	ND	C129	8.7	0.15

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-01 | Lab Sample ID: 140-34509-7

Matrix: PE | Lab File ID: 140-34509-a-7-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:21

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.046(g) | Date Analyzed: 01/04/2024 19:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74472-43-8	PCB-161	17		2.2	0.11
39635-34-2	PCB-162	ND		2.2	0.12
74472-44-9	PCB-163	ND	C129	8.7	0.15
74472-45-0	PCB-164	ND		2.2	0.12
74472-46-1	PCB-165	3.5		2.2	0.14
41411-63-6	PCB-166	ND	C128	4.3	0.14
52663-72-6	PCB-167	ND		2.2	0.096
59291-65-5	PCB-168	ND	C153	4.3	0.12
32774-16-6	PCB-169	ND		2.2	0.094
35065-30-6	PCB-170	ND		2.2	0.17
52663-71-5	PCB-171	ND	C	4.3	0.15
52663-74-8	PCB-172	ND		2.2	0.15
68194-16-1	PCB-173	ND	C171	4.3	0.15
38411-25-5	PCB-174	ND		2.2	0.14
40186-70-7	PCB-175	ND		2.2	0.15
52663-65-7	PCB-176	ND		2.2	0.11
52663-70-4	PCB-177	ND		2.2	0.14
52663-67-9	PCB-178	ND		2.2	0.15
52663-64-6	PCB-179	ND		2.2	0.096
35065-29-3	PCB-180	6.7	C	4.3	0.12
74472-47-2	PCB-181	ND		2.2	0.13
60145-23-5	PCB-182	ND		2.2	0.12
52663-69-1	PCB-183	ND	C	4.3	0.14
74472-48-3	PCB-184	880		2.2	0.10
52712-05-7	PCB-185	ND	C183	4.3	0.14
74472-49-4	PCB-186	ND		2.2	0.092
52663-68-0	PCB-187	ND		2.2	0.12
74487-85-7	PCB-188	ND		2.2	0.10
39635-31-9	PCB-189	ND		2.2	0.095
41411-64-7	PCB-190	ND		2.2	0.10
74472-50-7	PCB-191	ND		2.2	0.11
74472-51-8	PCB-192	2500	B	2.2	0.096

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-01 | Lab Sample ID: 140-34509-7

Matrix: PE | Lab File ID: 140-34509-a-7-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:21

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.046(g) | Date Analyzed: 01/04/2024 19:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
69782-91-8	PCB-193	6.7	C180	4.3	0.12
35694-08-7	PCB-194	ND		2.2	0.035
52663-78-2	PCB-195	ND		2.2	0.039
42740-50-1	PCB-196	ND		2.2	0.11
33091-17-7	PCB-197	14	q	2.2	0.082
68194-17-2	PCB-198	ND	C	4.3	0.098
52663-75-9	PCB-199	ND	C198	4.3	0.098
52663-73-7	PCB-200	1.9	J q	2.2	0.089
40186-71-8	PCB-201	ND		2.2	0.090
2136-99-4	PCB-202	ND		2.2	0.086
52663-76-0	PCB-203	ND		2.2	0.089
74472-52-9	PCB-204	1500		2.2	0.078
74472-53-0	PCB-205	0.24	J q	2.2	0.029
40186-72-9	PCB-206	ND		2.2	0.26
52663-79-3	PCB-207	5.3		2.2	0.22
52663-77-1	PCB-208	ND		2.2	0.22
2051-24-3	PCB-209	6.4		2.2	0.033

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-01 | Lab Sample ID: 140-34509-7

Matrix: PE | Lab File ID: 140-34509-a-7-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:21

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.046(g) | Date Analyzed: 01/04/2024 19:07

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	91		30-140
208263-77-8	PCB-3L	84		30-140
234432-86-1	PCB-4L	95		30-140
208263-67-6	PCB-15L	84		30-140
234432-87-2	PCB-19L	92		30-140
208263-79-0	PCB-37L	86		30-140
234432-88-3	PCB-54L	94		30-140
105600-23-5	PCB-77L	88		30-140
208461-24-9	PCB-81L	87		30-140
234432-89-4	PCB-104L	103		30-140
208263-62-1	PCB-105L	98		30-140
208263-63-2	PCB-114L	100		30-140
104130-40-7	PCB-118L	105		30-140
208263-64-3	PCB-123L	111		30-140
208263-65-4	PCB-126L	99		30-140
234432-90-7	PCB-155L	97		30-140
208263-68-7	PCB-156L	95	C	30-140
235416-30-5	PCB-157L	95	C156	30-140
208263-69-8	PCB-167L	96		30-140
208263-70-1	PCB-169L	92		30-140
160901-80-4	PCB-170L	94		30-140
234432-91-8	PCB-188L	103		30-140
208263-73-4	PCB-189L	83		30-140
105600-26-8	PCB-202L	96		30-140
234446-64-1	PCB-205L	94		30-140
208263-75-6	PCB-206L	107		30-140
234432-92-9	PCB-208L	107		30-140
105600-27-9	PCB-209L	111		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Lims ID: 140-34509-A-7-B
Client ID: TRIP BLANK PW-01
Sample Type: Client
Inject. Date: 04-Jan-2024 19:07:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-011
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 01:04:29 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 01:04:43

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					0.0969	0.0969	0.0210	0.0210		
D PCB-1L	11:39	7007983	3.20	1.3572	90.6	90.6	0.2204	0.2204	90.56	
D PCB-3L	13:49	6794111	3.19	1.4136	84.3	84.3	0.2116	0.2116	84.29	
PCB-1	11:43						0.0183	0.0183		
PCB-2	13:40	8448	3.12	1.2638	0.0969	0.0969	0.0203	0.0203		
PCB-3	13:52						0.0243	0.0243		
S Total Dichlorobiphenyls					1163.6	1163.3	0.0578	0.0578		RQ
D PCB-4L	14:04	3345051	1.59	0.6168	95.1	95.1	0.0785	0.0785	95.11	
* PCB-9L	16:02	5701997	1.61	2E+05	100.0	100.0				
D PCB-15L	19:58	5392669	1.61	1.1198	84.5	84.5	0.0432	0.0432	84.46	
PCB-4	14:07						0.0615	0.0615		
PCB-10	14:17						0.0652	0.0652		
PCB-9	16:05						0.0552	0.0552		
PCB-7	16:15						0.0603	0.0603		
PCB-6	16:30						0.0503	0.0503		
PCB-5	16:48						0.0617	0.0617		
PCB-8	16:56						0.0495	0.0495		
PCB-14	18:30	65263204	1.62	1.2864	1161.2	1161.2	0.0585	0.0585		
PCB-11	19:21	129085	1.56	1.4418	2.383	2.049	0.0522	0.0522		RQM
PCB-12	19:43						0.0581	0.0581		
PCB-13 (C12)	19:43						0.0581	0.0581		
PCB-15	20:00						0.0633	0.0633		
S Total Trichlorobiphenyls					216.6	216.6	0.1511	0.1511		RQ
D PCB-19L	17:10	2159090	1.04	0.6075	91.7	91.7	1.116	1.116	91.74	
* PCB-32L	20:25	3873963	1.08	1.4E+05	100.0	100.0				
* PCB-31L	22:42	8131409	1.04	3.1E+05	100.0	100.0				
$ PCB-28L	23:01						0.0956	0.0956		
D PCB-37L	27:00	6254891	1.03	0.8960	85.9	85.9	0.1054	0.1054	85.85	
PCB-19	17:13						0.0194	0.0194		
PCB-18	19:04	4298	1.04	1.8076	0.1303	0.1101	0.0139	0.0139		RQM
PCB-30 (C18)	19:04	4298	1.04	1.8076	0.1303	0.1101	0.0139	0.0139		RQM
PCB-17	19:28	1736	1.04	1.2151	0.0793	0.0662	0.0206	0.0206		RQM
PCB-27	19:43						0.0146	0.0146		
PCB-24	19:51						0.0141	0.0141		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:58						0.0209	0.0209		
PCB-32	20:28	1800	1.05	1.9703	0.0423	0.0423	0.0127	0.0127		M
PCB-34	21:44						0.2528	0.2528		
PCB-23	21:53						0.2469	0.2469		
PCB-26	22:13						0.2541	0.2541		
PCB-29 (C26)	22:13						0.2541	0.2541		
PCB-25	22:26						0.1963	0.1963		
PCB-31	22:44						0.2062	0.2062		
PCB-20	23:03						0.2299	0.2299		
PCB-28 (C20)	23:03						0.2299	0.2299		
PCB-21	23:13						0.2268	0.2268		
PCB-33 (C21)	23:13						0.2268	0.2268		
PCB-22	23:40						0.2121	0.2121		
PCB-36	25:12	17530223	0.95	1.2953	216.4	216.4	0.1969	0.1969		
PCB-39	25:36						0.2195	0.2195		
PCB-38	26:10						0.2169	0.2169		
PCB-35	26:39						0.2255	0.2255		
PCB-37	27:02						0.2228	0.2228		
S Total Tetrachlorobiphenyls					486.1	485.8	0.009598	0.009598		RQ
D PCB-54L	20:15	2465218	0.81	0.6773	94.0	94.0	0.0423	0.0423	93.96	
* PCB-52L	24:49	5004694	0.81	1.6E+05	100.0	100.0				
D PCB-81L	33:45	5899387	0.80	1.3497	87.3	87.3	0.1270	0.1270	87.34	
D PCB-77L	34:18	6271031	0.79	1.4256	87.9	87.9	0.1203	0.1203	87.90	
PCB-54	20:17	3650	0.77	1.2064	0.2289	0.1227	0.0195	0.0195		RQM
PCB-50	22:29						0.0118	0.0118		
PCB-53 (C50)	22:29						0.0118	0.0118		
PCB-45	23:12	39558	0.76	0.7052	0.9218	0.9218	0.0128	0.0128		
PCB-51 (C45)	23:12	39558	0.76	0.7052	0.9218	0.9218	0.0128	0.0128		
PCB-46	23:27						0.0153	0.0153		
PCB-52	24:52						0.0106	0.0106		
PCB-43	24:58	53067	0.77	0.8936	1.106	0.9759	0.0101	0.0101		RQ
PCB-73 (C43)	24:58	53067	0.77	0.8936	1.106	0.9759	0.0101	0.0101		RQ
PCB-49	25:19						0.0101	0.0101		
PCB-69 (C49)	25:19						0.0101	0.0101		
PCB-48	25:38						0.0120	0.0120		
PCB-44	25:47	851779	0.79	0.8388	16.7	16.7	0.0108	0.0108		
PCB-47 (C44)	25:47	851779	0.79	0.8388	16.7	16.7	0.0108	0.0108		
PCB-65 (C44)	25:47	851779	0.79	0.8388	16.7	16.7	0.0108	0.0108		
PCB-59	26:11						0.008987	0.008987		
PCB-62 (C59)	26:11						0.008987	0.008987		
PCB-75 (C59)	26:11						0.008987	0.008987		
PCB-42	26:23						0.0131	0.0131		
PCB-40	26:52						0.0118	0.0118		
PCB-41 (C40)	26:52						0.0118	0.0118		
PCB-71 (C40)	26:52						0.0118	0.0118		
PCB-64	27:06						0.008747	0.008747		
PCB-72	27:56						0.007766	0.007766		
PCB-68	28:12	180365	0.75	1.1249	2.635	2.635	0.008023	0.008023		
PCB-57	28:38						0.008126	0.008126		
PCB-58	28:53						0.007024	0.007024		
PCB-67	29:03						0.006799	0.006799		
PCB-63	29:19						0.008476	0.008476		
PCB-61	29:39						0.007815	0.007815		
PCB-70 (C61)	29:39						0.007815	0.007815		
PCB-74 (C61)	29:39						0.007815	0.007815		
PCB-76 (C61)	29:39						0.007815	0.007815		
PCB-66	29:58						0.007323	0.007323		
PCB-55	30:08						0.007132	0.007132		
PCB-56	30:39						0.007421	0.007421		
PCB-60	30:51						0.008552	0.008552		
PCB-80	31:16						0.007068	0.007068		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:48						0.006245	0.006245		
PCB-78	33:19	34197549	0.79	1.2116	463.8	463.8	0.007449	0.007449		M
PCB-81	33:47	40644	0.83	1.0148	0.6789	0.6789	0.009131	0.009131		M
PCB-77	34:21						0.008379	0.008379		
S Total Pentachlorobiphenyls					1236.8	1236.8	0.0574	0.0574		
D PCB-104L	25:45	4603160	1.60	1.1880	103.3	103.3	0.0312	0.0312	103	
* PCB-101L	31:40	3752242	1.56	1.2E+05	100.0	100.0				
$ PCB-111L	34:22						0.0314	0.0314		
D PCB-123L	36:18	5922812	1.56	0.9399	110.6	110.6	0.7761	0.7761	111	
D PCB-118L	36:38	5885881	1.56	0.9794	105.5	105.5	0.7448	0.7448	105	
D PCB-114L	37:10	5563674	1.60	0.9767	100.0	100.0	0.7469	0.7469	99.97	
D PCB-105L	37:49	5364936	1.56	0.9600	98.1	98.1	0.7598	0.7598	98.08	
* PCB-127L	39:17	5697766	1.54	2.1E+05	100.0	100.0				
D PCB-126L	40:53	5409629	1.57	0.9554	99.4	99.4	0.7635	0.7635	99.37	
PCB-104	25:47	45430697	1.60	1.0054	981.6	981.6	0.0484	0.0484		
PCB-96	26:11						0.0423	0.0423		
PCB-103	28:07						0.0584	0.0584		
PCB-94	28:20						0.0700	0.0700		
PCB-95	28:47						0.0614	0.0614		
PCB-93	28:59						0.0621	0.0621		
PCB-100 (C93)	28:59						0.0621	0.0621		
PCB-98	29:08						0.0530	0.0530		
PCB-102 (C98)	29:08						0.0530	0.0530		
PCB-88	29:38						0.0606	0.0606		
PCB-91 (C88)	29:38						0.0606	0.0606		
PCB-84	29:51						0.0710	0.0710		
PCB-89	30:20						0.0574	0.0574		
PCB-121	30:44	14635956	1.61	1.2839	247.7	247.7	0.0379	0.0379		
PCB-92	31:08						0.0623	0.0623		
PCB-90	31:41						0.0510	0.0510		
PCB-101 (C90)	31:41						0.0510	0.0510		
PCB-113 (C90)	31:41						0.0510	0.0510		
PCB-83	32:17						0.0550	0.0550		
PCB-99 (C83)	32:17						0.0550	0.0550		
PCB-112	32:25						0.0344	0.0344		
PCB-86	32:46						0.0473	0.0473		
PCB-87 (C86)	32:46						0.0473	0.0473		
PCB-97 (C86)	32:46						0.0473	0.0473		
PCB-109 (C86)	32:46						0.0473	0.0473		
PCB-119 (C86)	32:46						0.0473	0.0473		
PCB-125 (C86)	32:46						0.0473	0.0473		
PCB-85	33:30						0.0475	0.0475		
PCB-116 (C85)	33:30						0.0475	0.0475		
PCB-117 (C85)	33:30						0.0475	0.0475		
PCB-110	33:44						0.0359	0.0359		
PCB-115 (C110)	33:44						0.0359	0.0359		
PCB-82	34:00						0.0571	0.0571		
PCB-111	34:23						0.0398	0.0398		
PCB-120	34:51						0.0321	0.0321		
PCB-108	35:59						0.0698	0.0698		
PCB-124 (C108)	35:59						0.0698	0.0698		
PCB-107	36:14						0.0635	0.0635		
PCB-123	36:21						0.0686	0.0686		
PCB-106	36:28	495528	1.56	1.1708	7.518	7.518	0.0651	0.0651		
PCB-118	36:40						0.0709	0.0709		
PCB-122	37:01						0.0823	0.0823		
PCB-114	37:12						0.0689	0.0689		
PCB-105	37:51						0.0751	0.0751		
PCB-127	39:20						0.0644	0.0644		
PCB-126	40:56						0.0664	0.0664		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					523.6	523.6	0.0566	0.0566		RQ
D PCB-155L	31:26	4138243	1.30	1.1357	97.1	97.1	0.0360	0.0360	97.11	
* PCB-138L	39:45	4526028	1.28	1.5E+05	100.0	100.0				
D PCB-167L	42:45	5523002	1.28	1.2662	96.4	96.4	0.3826	0.3826	96.37	
D PCB-156L	43:55	10813183	1.28	1.2515	190.9	190.9	0.3870	0.3870	95.45	
D PCB-157L (C156L)	43:55	10813183	1.28	1.2515	190.9	190.9	0.3870	0.3870	95.45	
D PCB-169L	47:09	5419050	1.27	1.3070	91.6	91.6	0.3706	0.3706	91.61	
PCB-155	31:27	11054760	1.27	0.9289	287.6	287.6	0.0277	0.0277		M
PCB-152	31:39	28615	1.22	1.1242	0.6151	0.6151	0.0229	0.0229		Ma
PCB-150	31:49	13252	1.24	0.9966	0.3551	0.3213	0.0258	0.0258		RQM
PCB-136	32:12						0.0267	0.0267		
PCB-145	32:30						0.0239	0.0239		
PCB-148	34:00						0.0349	0.0349		
PCB-135	34:39						0.0347	0.0347		
PCB-151 (C135)	34:39						0.0347	0.0347		
PCB-154	34:50	22239	1.14	0.8223	0.6536	0.6536	0.0313	0.0313		
PCB-144	35:10						0.0349	0.0349		
PCB-147	35:32						0.0693	0.0693		
PCB-149 (C147)	35:32						0.0693	0.0693		
PCB-134	35:49						0.0879	0.0879		
PCB-143 (C134)	35:49						0.0879	0.0879		
PCB-139	36:07						0.0714	0.0714		
PCB-140 (C139)	36:07						0.0714	0.0714		
PCB-131	36:19						0.0873	0.0873		
PCB-142	36:28	8226624	1.23	0.6760	223.7	223.7	0.0885	0.0885		
PCB-132	36:47						0.0847	0.0847		
PCB-133	37:17						0.0770	0.0770		
PCB-165	37:41	84318	1.29	0.9584	1.618	1.618	0.0625	0.0625		
PCB-146	37:56						0.0653	0.0653		
PCB-161	38:03	489723	1.27	1.1406	7.894	7.894	0.0525	0.0525		M
PCB-153	38:34						0.0572	0.0572		
PCB-168 (C153)	38:34						0.0572	0.0572		
PCB-141	38:44						0.0790	0.0790		
PCB-130	39:09						0.0942	0.0942		
PCB-137	39:22						0.0795	0.0795		
PCB-164	39:29						0.0536	0.0536		
PCB-129	39:48						0.0678	0.0678		
PCB-138 (C129)	39:48						0.0678	0.0678		
PCB-160 (C129)	39:48						0.0678	0.0678		
PCB-163 (C129)	39:48						0.0678	0.0678		
PCB-158	40:11						0.0528	0.0528		
PCB-128	41:01						0.0629	0.0629		
PCB-166 (C128)	41:01						0.0629	0.0629		
PCB-159	42:00	82150	1.16	1.3072	1.155	1.155	0.0458	0.0458		
PCB-162	42:19						0.0547	0.0547		
PCB-167	42:47						0.0443	0.0443		
PCB-156	43:56						0.0675	0.0675		
PCB-157 (C156)	43:56						0.0675	0.0675		
PCB-169	47:11						0.0433	0.0433		
S Total Heptachlorobiphenyls					1538.8	1538.8	0.0563	0.0563		
D PCB-188L	37:10	4855839	1.07	1.2605	102.7	102.7	0.0268	0.0268	103	
$ PCB-178L	40:14						0.0404	0.0404		
* PCB-180L	45:18	3750498	1.08	1.2E+05	100.0	100.0				
D PCB-170L	46:33	2992255	1.07	0.8524	93.6	93.6	0.0397	0.0397	93.60	
D PCB-189L	49:40	5425092	1.06	1.4740	82.6	82.6	0.7234	0.7234	82.58	
PCB-188	37:12						0.0465	0.0465		
PCB-179	37:32						0.0443	0.0443		
PCB-184	38:03	20561419	1.05	1.2996	403.2	403.2	0.0478	0.0478		
PCB-176	38:25						0.0518	0.0518		
PCB-186	38:52						0.0422	0.0422		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:16						0.0705	0.0705		
PCB-175	40:53						0.0687	0.0687		
PCB-187	41:09						0.0539	0.0539		
PCB-182	41:21						0.0562	0.0562		
PCB-183	41:45						0.0639	0.0639		
PCB-185 (C183)	41:45						0.0639	0.0639		
PCB-174	42:00						0.0622	0.0622		
PCB-177	42:26						0.0646	0.0646		
PCB-181	42:49						0.0587	0.0587		
PCB-171	43:03						0.0693	0.0693		
PCB-173 (C171)	43:03						0.0693	0.0693		
PCB-172	44:41						0.0669	0.0669		
PCB-192	44:57	62797799	1.06	1.4131	1132.5	1132.5	0.0440	0.0440		
PCB-180	45:14	141516	1.06	1.1677	3.088	3.088	0.0532	0.0532		M
PCB-193 (C180)	45:14	141516	1.06	1.1677	3.088	3.088	0.0532	0.0532		M
PCB-191	45:41						0.0489	0.0489		
PCB-170	46:36						0.0776	0.0776		
PCB-190	47:06						0.0478	0.0478		
PCB-189	49:42						0.0435	0.0435		
S Total Octachlorobiphenyls					699.5	698.8	0.0345	0.0345		RQ
D PCB-202L	42:32	3758540	0.92	1.0390	96.4	96.4	0.0173	0.0173	96.45	
* PCB-194L	51:47	4457147	0.89	1.5E+05	100.0	100.0				
D PCB-205L	52:15	5096301	0.90	1.2166	94.0	94.0	0.5603	0.5603	93.99	
PCB-202	42:34						0.0394	0.0394		
PCB-201	43:29						0.0414	0.0414		
PCB-204	44:09	28888910	0.91	1.1119	691.3	691.3	0.0357	0.0357		
PCB-197	44:22	256119	0.89	1.0487	7.023	6.498	0.0379	0.0379		RQM
PCB-200	44:29	31659	0.89	0.9671	1.032	0.8710	0.0410	0.0410		RQMa
PCB-198	47:17						0.0450	0.0450		
PCB-199 (C198)	47:17						0.0450	0.0450		
PCB-196	47:57						0.0504	0.0504		
PCB-203	48:09						0.0409	0.0409		
PCB-195	49:28						0.0181	0.0181		
PCB-194	51:49						0.0162	0.0162		
PCB-205	52:17	6279	0.89	1.1267	0.1338	0.1094	0.0133	0.0133		RQM
S Total Nonachlorobiphenyls					2.444	2.444	0.1080	0.1080		
D PCB-208L	49:12	4884435	0.82	1.0234	107.1	107.1	0.9815	0.9815	107	
D PCB-206L	54:01	3486296	0.83	0.7298	107.2	107.2	1.376	1.376	107	
PCB-208	49:14						0.1020	0.1020		
PCB-207	50:10	126089	0.82	1.2328	2.444	2.444	0.1015	0.1015		
PCB-206	54:02						0.1204	0.1204		
D PCB-209L	55:39	3726561	0.71	0.7565	110.5	110.5	0.0468	0.0468	111	
DCB Decachlorobiphenyl	55:40	115142	0.73	1.0418	2.966	2.966	0.0153	0.0153		
S Polychlorinated biphenyls, Total					5870.4	2.966	0.0607	0.0607		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Lims ID: 140-34509-A-7-B
Client ID: TRIP BLANK PW-01
Sample Type: Client
Inject. Date: 04-Jan-2024 19:07:00 ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-011
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 01:04:29 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 01:04:43

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:39	11:40	-3	0.727	5339449	1908250	907	2267	2104		
202.0766	11:39	11:40	-3	0.727	1668534	609782	898	2245	679	3.20(2.66-3.60)	
PCB-3L											
200.0795	13:49	13:49	-2	0.862	5173636	1435436	907	2267	1583		
202.0766	13:49	13:49	-2	0.862	1620475	448489	898	2245	499	3.19(2.66-3.60)	
PCB-1											
188.0393	11:40						142	355			
190.0363	11:40						84	210			
PCB-2											
188.0393	13:40	13:41	-2	0.989	6397	1612	142	355	11		
190.0363	13:40	13:41	-2	0.989	2051	850	84	210	10	3.12(2.66-3.60)	
PCB-3											
188.0393	13:50						142	355			
190.0363	13:50						84	210			
PCB-4L											
234.0406	14:04	14:04	-2	0.878	2053021	582595	215	537	2710		
236.0376	14:04	14:04	-2	0.878	1292030	366146	77	192	4755	1.59(1.33-1.79)	
PCB-9L											
234.0406	16:02	16:04	-3		3518589	930048	215	537	4326		
236.0376	16:02	16:04	-3		2183408	578077	77	192	7507	1.61(1.33-1.79)	
PCB-15L											
234.0406	19:58	19:56	-2	1.245	3326845	639507	215	537	2974		
236.0376	19:58	19:56	-2	1.245	2065824	397083	77	192	5157	1.61(1.33-1.79)	
PCB-4											
222.0003	14:05						156	390			
223.9974	14:05						143	357			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-10											
222.0003	14:15						156	390			
223.9974	14:15						143	357			
PCB-9											
222.0003	16:03						156	390			
223.9974	16:03						143	357			
PCB-7											
222.0003	16:13						156	390			
223.9974	16:13						143	357			
PCB-6											
222.0003	16:28						156	390			
223.9974	16:28						143	357			
PCB-5											
222.0003	16:46						156	390			
223.9974	16:46						143	357			
PCB-8											
222.0003	16:54						156	390			
223.9974	16:54						143	357			
PCB-14											
222.0003	18:30	18:31	-3	0.927	40339570	9422234	156	390	60399		
223.9974	18:30	18:31	-3	0.927	24923634	5841294	143	357	40848	1.62(1.33-1.79)	
PCB-11											RQM
222.0003	19:21	19:21	-2	0.970	99653	15911	156	390	102		M
	Empc Correction				78661	15411	156	390	99		
223.9974	19:21	19:21	-2	0.970	50424	9879	143	357	69	1.98(1.33-1.79)	M
PCB-12											
222.0003	19:41						156	390			
223.9974	19:41						143	357			
PCB-13 (C12)											
222.0003	19:41						156	390			
223.9974	19:41						143	357			
PCB-15											
222.0003	19:58						156	390			
223.9974	19:58						143	357			
PCB-19L											
268.0016	17:10	17:11	-3	0.840	1099953	274467	1667	4167	165		
269.9986	17:10	17:11	-3	0.840	1059137	263959	560	1400	471	1.04(0.88-1.20)	
PCB-32L											
268.0016	20:25	20:27	-2		2013638	425026	1667	4167	255		
269.9986	20:25	20:27	-2		1860325	395950	560	1400	707	1.08(0.88-1.20)	
PCB-31L											
268.0016	22:42	22:43	-1		4137625	847143	327	817	2591		
269.9986	22:42	22:43	-1		3993784	809617	299	747	2708	1.04(0.88-1.20)	
PCB-28L											
268.0016	23:00						327	817			
269.9986	23:00						299	747			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-37L											
268.0016	27:00	27:00	-2	1.189	3173396	598085	327	817	1829		
269.9986	27:00	27:00	-2	1.189	3081495	582857	299	747	1949	1.03(0.88-1.20)	
PCB-19											
255.9613	17:10						28	70			
257.9584	17:10						26	65			
PCB-18											RQM
255.9613	19:04	19:04	1	1.111	2980	557	28	70	20		M
	Empc Correction				2191	302	28	70	11		
257.9584	19:04	19:04	1	1.111	2107	291	26	65	11	1.41(0.88-1.20)	
PCB-30 (C18)											RQM
255.9613	19:04	19:04	1	1.111	2980	557	28	70	20		M
	Empc Correction				2191	302	28	70	11		
257.9584	19:04	19:04	1	1.111	2107	291	26	65	11	1.41(0.88-1.20)	
PCB-17											RQM
255.9613	19:28	19:28	-3	1.134	1230	506	28	70	18		M
	Empc Correction				885	184	28	70	7		
257.9584	19:29	19:28	-1	1.136	851	177	26	65	7	1.45(0.88-1.20)	
PCB-27											
255.9613	19:40						28	70			
257.9584	19:40						26	65			
PCB-24											
255.9613	19:48						28	70			
257.9584	19:48						26	65			
PCB-16											
255.9613	19:55						28	70			
257.9584	19:55						26	65			
PCB-32											M
255.9613	20:28	20:28	-1	1.192	923	389	28	70	14		M
257.9584	20:26	20:28	-3	1.191	877	409	26	65	16	1.05(0.88-1.20)	
PCB-34											
255.9613	21:41						635	1587			
257.9584	21:41						570	1425			
PCB-23											
255.9613	21:50						635	1587			
257.9584	21:50						570	1425			
PCB-26											
255.9613	22:09						635	1587			
257.9584	22:09						570	1425			
PCB-29 (C26)											
255.9613	22:09						635	1587			
257.9584	22:09						570	1425			
PCB-25											
255.9613	22:24						635	1587			
257.9584	22:24						570	1425			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31											
255.9613	22:42						635	1587			
257.9584	22:42						570	1425			
PCB-20											
255.9613	23:01						635	1587			
257.9584	23:01						570	1425			
PCB-28 (C20)											
255.9613	23:01						635	1587			
257.9584	23:01						570	1425			
PCB-21											
255.9613	23:11						635	1587			
257.9584	23:11						570	1425			
PCB-33 (C21)											
255.9613	23:11						635	1587			
257.9584	23:11						570	1425			
PCB-22											
255.9613	23:38						635	1587			
257.9584	23:38						570	1425			
PCB-36											
255.9613	25:12	25:12	-1	0.934	8555821	1701900	635	1587	2680		
257.9584	25:12	25:12	-1	0.934	8974402	1774605	570	1425	3113	0.95(0.88-1.20)	
PCB-39											
255.9613	25:34						635	1587			
257.9584	25:34						570	1425			
PCB-38											
255.9613	26:08						635	1587			
257.9584	26:08						570	1425			
PCB-35											
255.9613	26:37						635	1587			
257.9584	26:37						570	1425			
PCB-37											
255.9613	27:00						635	1587			
257.9584	27:00						570	1425			
PCB-54L											
301.9626	20:15	20:16	-2	0.816	1103953	250006	71	177	3521		
303.9597	20:15	20:16	-2	0.816	1361265	303657	23	57	13202	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:49	24:51	-1		2238686	464296	372	930	1248		
303.9597	24:49	24:51	-1		2766008	576857	342	855	1687	0.81(0.65-0.89)	
PCB-81L											
301.9626	33:45	33:44	-1	1.360	2619178	476887	372	930	1282		
303.9597	33:45	33:44	-1	1.360	3280209	602276	342	855	1761	0.80(0.65-0.89)	
PCB-77L											
301.9626	34:18	34:18	-1	1.382	2771922	512673	372	930	1378		
303.9597	34:18	34:18	-1	1.382	3499109	624209	342	855	1825	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-54											RQM
289.9224	20:17	20:17	-2	1.000	1588	500	18	45	28		
291.9194	20:17	20:17	-1	1.001	5220	1317	34	85	39	0.30(0.65-0.89)	M
	Empc Correction				2062	649	34	85	19		
PCB-50											
289.9224	22:27						10	25			
291.9194	22:27						30	75			
PCB-53 (C50)											
289.9224	22:27						10	25			
291.9194	22:27						30	75			
PCB-45											
289.9224	23:12	23:12	-1	1.146	17046	3671	10	25	367		
291.9194	23:10	23:12	-2	1.144	22512	4745	30	75	158	0.76(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:12	23:12	-1	1.146	17046	3671	10	25	367		
291.9194	23:10	23:12	-2	1.144	22512	4745	30	75	158	0.76(0.65-0.89)	
PCB-46											
289.9224	23:25						10	25			
291.9194	23:25						30	75			
PCB-52											
289.9224	24:50						10	25			
291.9194	24:50						30	75			
PCB-43											RQ
289.9224	24:58	25:01	-2	1.233	23086	5426	10	25	543		
291.9194	24:59	25:01	-1	1.234	37070	8824	30	75	294	0.62(0.65-0.89)	
	Empc Correction				29981	7046	30	75	235		
PCB-73 (C43)											RQ
289.9224	24:58	25:01	-2	1.233	23086	5426	10	25	543		
291.9194	24:59	25:01	-1	1.234	37070	8824	30	75	294	0.62(0.65-0.89)	
	Empc Correction				29981	7046	30	75	235		
PCB-49											
289.9224	25:17						10	25			
291.9194	25:17						30	75			
PCB-69 (C49)											
289.9224	25:17						10	25			
291.9194	25:17						30	75			
PCB-48											
289.9224	25:36						10	25			
291.9194	25:36						30	75			
PCB-44											
289.9224	25:47	25:46	-6	1.273	374739	76059	10	25	7606		
291.9194	25:47	25:46	-6	1.273	477040	97530	30	75	3251	0.79(0.65-0.89)	
PCB-47 (C44)											
289.9224	25:47	25:46	-6	1.273	374739	76059	10	25	7606		
291.9194	25:47	25:46	-6	1.273	477040	97530	30	75	3251	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-65 (C44)											
289.9224	25:47	25:46	-6	1.273	374739	76059	10	25	7606		
291.9194	25:47	25:46	-6	1.273	477040	97530	30	75	3251	0.79(0.65-0.89)	
PCB-59											
289.9224	26:09						10	25			
291.9194	26:09						30	75			
PCB-62 (C59)											
289.9224	26:09						10	25			
291.9194	26:09						30	75			
PCB-75 (C59)											
289.9224	26:09						10	25			
291.9194	26:09						30	75			
PCB-42											
289.9224	26:21						10	25			
291.9194	26:21						30	75			
PCB-40											
289.9224	26:50						10	25			
291.9194	26:50						30	75			
PCB-41 (C40)											
289.9224	26:50						10	25			
291.9194	26:50						30	75			
PCB-71 (C40)											
289.9224	26:50						10	25			
291.9194	26:50						30	75			
PCB-64											
289.9224	27:03						10	25			
291.9194	27:03						30	75			
PCB-72											
289.9224	27:55						10	25			
291.9194	27:55						30	75			
PCB-68											
289.9224	28:12	28:13	-1	0.836	77549	16232	10	25	1623		
291.9194	28:12	28:13	-1	0.836	102816	20460	30	75	682	0.75(0.65-0.89)	
PCB-57											
289.9224	28:37						10	25			
291.9194	28:37						30	75			
PCB-58											
289.9224	28:52						10	25			
291.9194	28:52						30	75			
PCB-67											
289.9224	29:02						10	25			
291.9194	29:02						30	75			
PCB-63											
289.9224	29:18						10	25			
291.9194	29:18						30	75			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-61											
289.9224	29:38						10	25			
291.9194	29:38						30	75			
PCB-70 (C61)											
289.9224	29:38						10	25			
291.9194	29:38						30	75			
PCB-74 (C61)											
289.9224	29:38						10	25			
291.9194	29:38						30	75			
PCB-76 (C61)											
289.9224	29:38						10	25			
291.9194	29:38						30	75			
PCB-66											
289.9224	29:57						10	25			
291.9194	29:57						30	75			
PCB-55											
289.9224	30:07						10	25			
291.9194	30:07						30	75			
PCB-56											
289.9224	30:38						10	25			
291.9194	30:38						30	75			
PCB-60											
289.9224	30:50						10	25			
291.9194	30:50						30	75			
PCB-80											
289.9224	31:14						10	25			
291.9194	31:14						30	75			
PCB-79											
289.9224	32:46						10	25			
291.9194	32:46						30	75			
PCB-78											M
289.9224	33:19	33:19	-1	0.987	15070957	2869399	10	25	286940		M
291.9194	33:19	33:19	-1	0.987	19126592	3654463	30	75	121815	0.79(0.65-0.89)	
PCB-81											M
289.9224	33:47	33:45	-1	1.001	18491	5632	10	25	563		
291.9194	33:45	33:45	-3	1.000	22153	6197	30	75	207	0.83(0.65-0.89)	M
PCB-77											
289.9224	34:20						10	25			
291.9194	34:20						30	75			
PCB-104L											
337.9207	25:45	25:46	-1	0.813	2832225	613600	82	205	7483		
339.9178	25:45	25:46	-1	0.813	1770935	377157	27	67	13969	1.60(1.32-1.78)	
PCB-101L											
337.9207	31:40	31:42	-1		2287370	453399	82	205	5529		
339.9178	31:40	31:42	-1		1464872	280451	27	67	10387	1.56(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-111L											
337.9207	34:20						82	205			
339.9178	34:20						27	67			
PCB-123L											
337.9207	36:18	36:18	-1	1.146	3611965	678735	1908	4770	356		
339.9178	36:18	36:18	-1	1.146	2310847	440232	1254	3135	351	1.56(1.32-1.78)	
PCB-118L											
337.9207	36:38	36:37	-1	1.157	3583957	673705	1908	4770	353		
339.9178	36:38	36:37	-1	1.157	2301924	428286	1254	3135	342	1.56(1.32-1.78)	
PCB-114L											
337.9207	37:10	37:09	-1	1.173	3426043	652152	1908	4770	342		
339.9178	37:10	37:09	-1	1.173	2137631	413110	1254	3135	329	1.60(1.32-1.78)	
PCB-105L											
337.9207	37:49	37:48	-1	1.194	3267500	608253	1908	4770	319		
339.9178	37:49	37:48	-1	1.194	2097436	384934	1254	3135	307	1.56(1.32-1.78)	
PCB-127L											
337.9207	39:17	39:18	-1		3451763	652549	1908	4770	342		
339.9178	39:17	39:18	-1		2246003	431099	1254	3135	344	1.54(1.32-1.78)	
PCB-126L											
337.9207	40:53	40:53	-1	1.291	3306963	604286	1908	4770	317		
339.9178	40:53	40:53	-1	1.291	2102666	379150	1254	3135	302	1.57(1.32-1.78)	
PCB-104											
325.8804	25:47	25:46	-1	1.001	27931820	5840508	150	375	38937		
327.8775	25:47	25:46	-1	1.001	17498877	3661625	43	107	85154	1.60(1.32-1.78)	
PCB-96											
325.8804	26:09						150	375			
327.8775	26:09						43	107			
PCB-103											
325.8804	28:06						150	375			
327.8775	28:06						43	107			
PCB-94											
325.8804	28:19						150	375			
327.8775	28:19						43	107			
PCB-95											
325.8804	28:45						150	375			
327.8775	28:45						43	107			
PCB-93											
325.8804	28:58						150	375			
327.8775	28:58						43	107			
PCB-100 (C93)											
325.8804	28:58						150	375			
327.8775	28:58						43	107			
PCB-98											
325.8804	29:07						150	375			
327.8775	29:07						43	107			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-102 (C98)											
325.8804	29:07						150	375			
327.8775	29:07						43	107			
PCB-88											
325.8804	29:37						150	375			
327.8775	29:37						43	107			
PCB-91 (C88)											
325.8804	29:37						150	375			
327.8775	29:37						43	107			
PCB-84											
325.8804	29:50						150	375			
327.8775	29:50						43	107			
PCB-89											
325.8804	30:19						150	375			
327.8775	30:19						43	107			
PCB-121											
325.8804	30:44	30:44	-1	1.194	9027562	1798447	150	375	11990		
327.8775	30:44	30:44	-1	1.194	5608394	1120198	43	107	26051	1.61(1.32-1.78)	
PCB-92											
325.8804	31:07						150	375			
327.8775	31:07						43	107			
PCB-90											
325.8804	31:39						150	375			
327.8775	31:39						43	107			
PCB-101 (C90)											
325.8804	31:39						150	375			
327.8775	31:39						43	107			
PCB-113 (C90)											
325.8804	31:39						150	375			
327.8775	31:39						43	107			
PCB-83											
325.8804	32:15						150	375			
327.8775	32:15						43	107			
PCB-99 (C83)											
325.8804	32:15						150	375			
327.8775	32:15						43	107			
PCB-112											
325.8804	32:23						150	375			
327.8775	32:23						43	107			
PCB-86											
325.8804	32:44						150	375			
327.8775	32:44						43	107			
PCB-87 (C86)											
325.8804	32:44						150	375			
327.8775	32:44						43	107			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-97 (C86)											
325.8804	32:44						150	375			
327.8775	32:44						43	107			
PCB-109 (C86)											
325.8804	32:44						150	375			
327.8775	32:44						43	107			
PCB-119 (C86)											
325.8804	32:44						150	375			
327.8775	32:44						43	107			
PCB-125 (C86)											
325.8804	32:44						150	375			
327.8775	32:44						43	107			
PCB-85											
325.8804	33:28						150	375			
327.8775	33:28						43	107			
PCB-116 (C85)											
325.8804	33:28						150	375			
327.8775	33:28						43	107			
PCB-117 (C85)											
325.8804	33:28						150	375			
327.8775	33:28						43	107			
PCB-110											
325.8804	33:43						150	375			
327.8775	33:43						43	107			
PCB-115 (C110)											
325.8804	33:43						150	375			
327.8775	33:43						43	107			
PCB-82											
325.8804	33:58						150	375			
327.8775	33:58						43	107			
PCB-111											
325.8804	34:22						150	375			
327.8775	34:22						43	107			
PCB-120											
325.8804	34:49						150	375			
327.8775	34:49						43	107			
PCB-108											
325.8804	35:58						209	522			
327.8775	35:58						112	280			
PCB-124 (C108)											
325.8804	35:58						209	522			
327.8775	35:58						112	280			
PCB-107											
325.8804	36:12						209	522			
327.8775	36:12						112	280			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123											
325.8804	36:20						209	522			
327.8775	36:20						112	280			
PCB-106											
325.8804	36:28	36:27	0	1.004	302005	56070	209	522	268		
327.8775	36:28	36:27	0	1.004	193523	37006	112	280	330	1.56(1.32-1.78)	
PCB-118											
325.8804	36:40						209	522			
327.8775	36:40						112	280			
PCB-122											
325.8804	37:00						209	522			
327.8775	37:00						112	280			
PCB-114											
325.8804	37:11						209	522			
327.8775	37:11						112	280			
PCB-105											
325.8804	37:50						209	522			
327.8775	37:50						112	280			
PCB-127											
325.8804	39:19						209	522			
327.8775	39:19						112	280			
PCB-126											
325.8804	40:55						209	522			
327.8775	40:55						112	280			
PCB-155L											
371.8817	31:26	31:26	-1	0.791	2337548	465140	78	195	5963		
373.8788	31:26	31:26	-1	0.791	1800695	358410	42	105	8534	1.30(1.05-1.43)	
PCB-138L											
371.8817	39:45	39:46	-1		2541457	485585	975	2437	498		
373.8788	39:45	39:46	-1		1984571	388077	718	1795	540	1.28(1.05-1.43)	
PCB-167L											
371.8817	42:45	42:45	-1	1.076	3098650	584068	975	2437	599		
373.8788	42:45	42:45	-1	1.076	2424352	463191	718	1795	645	1.28(1.05-1.43)	
PCB-156L											
371.8817	43:55	43:55	-1	1.105	6079438	797036	975	2437	817		
373.8788	43:54	43:55	-2	1.104	4733745	627197	718	1795	874	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:55	43:55	-1	1.105	6079438	797036	975	2437	817		
373.8788	43:54	43:55	-2	1.104	4733745	627197	718	1795	874	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:09	47:09	-1	1.186	3026909	540854	975	2437	555		
373.8788	47:09	47:09	-1	1.186	2392141	429050	718	1795	598	1.27(1.05-1.43)	
PCB-155											M
359.8415	31:27	31:27	-1	1.001	6190714	1243307	50	125	24866		M
361.8385	31:27	31:27	-1	1.001	4864046	974893	35	87	27854	1.27(1.05-1.43)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-152											Ma
359.8415	31:39	31:39	-1	1.007	15702	4676	50	125	94		M
361.8385	31:37	31:39	-3	1.006	12913	3436	35	87	98	1.22(1.05-1.43)	
PCB-150											RQM
359.8415	31:49	31:49	-1	1.012	7336	2140	50	125	43		M
361.8385	31:49	31:49	-1	1.013	7310	1911	35	87	55	1.00(1.05-1.43)	M
	Empc Correction				5916	1725	35	87	49		
PCB-136											
359.8415	32:11						50	125			
361.8385	32:11						35	87			
PCB-145											
359.8415	32:29						50	125			
361.8385	32:29						35	87			
PCB-148											
359.8415	33:59						50	125			
361.8385	33:59						35	87			
PCB-135											
359.8415	34:37						50	125			
361.8385	34:37						35	87			
PCB-151 (C135)											
359.8415	34:37						50	125			
361.8385	34:37						35	87			
PCB-154											
359.8415	34:50	34:50	-1	1.108	11848	1748	50	125	35		
361.8385	34:50	34:50	-1	1.109	10391	1809	35	87	52	1.14(1.05-1.43)	
PCB-144											
359.8415	35:09						50	125			
361.8385	35:09						35	87			
PCB-147											
359.8415	35:30						107	267			
361.8385	35:30						99	247			
PCB-149 (C147)											
359.8415	35:30						107	267			
361.8385	35:30						99	247			
PCB-134											
359.8415	35:48						107	267			
361.8385	35:48						99	247			
PCB-143 (C134)											
359.8415	35:48						107	267			
361.8385	35:48						99	247			
PCB-139											
359.8415	36:06						107	267			
361.8385	36:06						99	247			
PCB-140 (C139)											
359.8415	36:06						107	267			
361.8385	36:06						99	247			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-131											
359.8415	36:18						107	267			
361.8385	36:18						99	247			
PCB-142											
359.8415	36:28	36:27	-1	1.160	4533055	867894	107	267	8111		
361.8385	36:28	36:27	-1	1.160	3693569	718705	99	247	7260	1.23(1.05-1.43)	
PCB-132											
359.8415	36:46						107	267			
361.8385	36:46						99	247			
PCB-133											
359.8415	37:16						107	267			
361.8385	37:16						99	247			
PCB-165											
359.8415	37:41	37:40	0	0.881	47536	10247	107	267	96		
361.8385	37:41	37:40	0	0.881	36782	6792	99	247	69	1.29(1.05-1.43)	
PCB-146											
359.8415	37:55						107	267			
361.8385	37:55						99	247			
PCB-161											M
359.8415	38:03	38:03	-1	0.890	273991	49548	107	267	463		M
361.8385	38:03	38:03	-1	0.890	215732	40706	99	247	411	1.27(1.05-1.43)	M
PCB-153											
359.8415	38:33						107	267			
361.8385	38:33						99	247			
PCB-168 (C153)											
359.8415	38:33						107	267			
361.8385	38:33						99	247			
PCB-141											
359.8415	38:43						107	267			
361.8385	38:43						99	247			
PCB-130											
359.8415	39:09						107	267			
361.8385	39:09						99	247			
PCB-137											
359.8415	39:21						107	267			
361.8385	39:21						99	247			
PCB-164											
359.8415	39:28						107	267			
361.8385	39:28						99	247			
PCB-129											
359.8415	39:47						107	267			
361.8385	39:47						99	247			
PCB-138 (C129)											
359.8415	39:47						107	267			
361.8385	39:47						99	247			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-160 (C129)											
359.8415	39:47						107	267			
361.8385	39:47						99	247			
PCB-163 (C129)											
359.8415	39:47						107	267			
361.8385	39:47						99	247			
PCB-158											
359.8415	40:10						107	267			
361.8385	40:10						99	247			
PCB-128											
359.8415	41:00						107	267			
361.8385	41:00						99	247			
PCB-166 (C128)											
359.8415	41:00						107	267			
361.8385	41:00						99	247			
PCB-159											
359.8415	42:00	42:01	-2	0.982	44111	8200	107	267	77		
361.8385	42:01	42:01	-1	0.983	38039	6421	99	247	65	1.16(1.05-1.43)	
PCB-162											
359.8415	42:18						107	267			
361.8385	42:18						99	247			
PCB-167											
359.8415	42:46						107	267			
361.8385	42:46						99	247			
PCB-156											
359.8415	43:55						107	267			
361.8385	43:55						99	247			
PCB-157 (C156)											
359.8415	43:55						107	267			
361.8385	43:55						99	247			
PCB-169											
359.8415	47:10						107	267			
361.8385	47:10						99	247			
PCB-188L											
405.8428	37:10	37:10	-1	0.820	2507687	492650	54	135	9123		
407.8398	37:10	37:10	-1	0.820	2348152	460298	40	100	11507	1.07(0.89-1.21)	
PCB-178L											
405.8428	40:14						54	135			
407.8398	40:14						40	100			
PCB-180L											
405.8428	45:18	45:18	0		1950435	358970	54	135	6648		
407.8398	45:18	45:18	0		1800063	335952	40	100	8399	1.08(0.89-1.21)	
PCB-170L											
405.8428	46:33	46:34	-1	1.028	1547022	283963	54	135	5259		
407.8398	46:33	46:34	-1	1.028	1445233	266793	40	100	6670	1.07(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-189L											
405.8428	49:40	49:41	0	1.096	2794462	498796	1886	4715	264		
407.8398	49:40	49:41	0	1.096	2630630	463863	1510	3775	307	1.06(0.89-1.21)	
PCB-188											
393.8025	37:11						53	132			
395.7995	37:11						134	335			
PCB-179											
393.8025	37:32						53	132			
395.7995	37:32						134	335			
PCB-184											
393.8025	38:03	38:02	0	1.024	10542360	1987440	53	132	37499		
395.7995	38:03	38:02	0	1.024	10019059	1892130	134	335	14120	1.05(0.89-1.21)	
PCB-176											
393.8025	38:24						53	132			
395.7995	38:24						134	335			
PCB-186											
393.8025	38:51						53	132			
395.7995	38:51						134	335			
PCB-178											
393.8025	40:15						53	132			
395.7995	40:15						134	335			
PCB-175											
393.8025	40:52						53	132			
395.7995	40:52						134	335			
PCB-187											
393.8025	41:08						53	132			
395.7995	41:08						134	335			
PCB-182											
393.8025	41:20						53	132			
395.7995	41:20						134	335			
PCB-183											
393.8025	41:45						53	132			
395.7995	41:45						134	335			
PCB-185 (C183)											
393.8025	41:45						53	132			
395.7995	41:45						134	335			
PCB-174											
393.8025	41:59						53	132			
395.7995	41:59						134	335			
PCB-177											
393.8025	42:25						53	132			
395.7995	42:25						134	335			
PCB-181											
393.8025	42:48						53	132			
395.7995	42:48						134	335			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-171											
393.8025	43:02						53	132			
395.7995	43:02						134	335			
PCB-173 (C171)											
393.8025	43:02						53	132			
395.7995	43:02						134	335			
PCB-172											
393.8025	44:41						53	132			
395.7995	44:41						134	335			
PCB-192											
393.8025	44:57	44:58	-1	0.905	32314354	6152225	53	132	116080		
395.7995	44:57	44:58	-1	0.905	30483445	5819490	134	335	43429	1.06(0.89-1.21)	
PCB-180											M
393.8025	45:14	45:16	-4	0.911	72932	11397	53	132	215		M
395.7995	45:16	45:16	-2	0.911	68584	8841	134	335	66	1.06(0.89-1.21)	M
PCB-193 (C180)											M
393.8025	45:14	45:16	-4	0.911	72932	11397	53	132	215		M
395.7995	45:16	45:16	-2	0.911	68584	8841	134	335	66	1.06(0.89-1.21)	M
PCB-191											
393.8025	45:41						53	132			
395.7995	45:41						134	335			
PCB-170											
393.8025	46:35						53	132			
395.7995	46:35						134	335			
PCB-190											
393.8025	47:06						53	132			
395.7995	47:06						134	335			
PCB-189											
393.8025	49:42						92	230			
395.7995	49:42						78	195			
PCB-202L											
439.8038	42:32	42:32	0	0.821	1798052	343545	24	60	14314		
441.8008	42:32	42:32	0	0.821	1960488	361807	26	65	13916	0.92(0.76-1.02)	
PCB-194L											
439.8038	51:47	51:47	0		2105016	375847	1134	2835	331		
441.8008	51:46	51:47	-1		2352131	420343	1037	2592	405	0.89(0.76-1.02)	
PCB-205L											
439.8038	52:15	52:15	-1	1.009	2409053	421105	1134	2835	371		
441.8008	52:15	52:15	-1	1.009	2687248	479325	1037	2592	462	0.90(0.76-1.02)	
PCB-202											
427.7635	42:33						42	105			
429.7606	42:33						70	175			
PCB-201											
427.7635	43:29						42	105			
429.7606	43:29						70	175			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-204											
427.7635	44:09	44:09	0	1.038	13750994	2630006	42	105	62619		
429.7606	44:09	44:09	0	1.038	15137916	2892300	70	175	41319	0.91(0.76-1.02)	
PCB-197											RQM
427.7635	44:22	44:22	-1	1.043	141315	18254	42	105	435		M
	Empc Correction				120606	17233	42	105	410		
429.7606	44:22	44:22	-1	1.043	135513	19363	70	175	277	1.04(0.76-1.02)	M
PCB-200											RQMa
427.7635	44:29	44:29	-1	1.046	20746	3411	42	105	81		M
	Empc Correction				14908	3220	42	105	77		
429.7606	44:30	44:29	1	1.046	16751	3619	70	175	52	1.24(0.76-1.02)	
PCB-198											
427.7635	47:16						42	105			
429.7606	47:16						70	175			
PCB-199 (C198)											
427.7635	47:16						42	105			
429.7606	47:16						70	175			
PCB-196											
427.7635	47:56						42	105			
429.7606	47:56						70	175			
PCB-203											
427.7635	48:08						42	105			
429.7606	48:08						70	175			
PCB-195											
427.7635	49:28						34	85			
429.7606	49:28						20	50			
PCB-194											
427.7635	51:48						34	85			
429.7606	51:48						20	50			
PCB-205											RQM
427.7635	52:17	52:17	0	1.001	2957	810	34	85	24		M
429.7606	52:17	52:17	0	1.001	4726	797	20	50	40	0.63(0.76-1.02)	M
	Empc Correction				3322	910	20	50	46		
PCB-208L											
473.7648	49:12	49:13	-1	0.950	2193692	398511	1488	3720	268		
475.7619	49:12	49:13	-1	0.950	2690743	487154	1711	4277	285	0.82(0.65-0.89)	
PCB-206L											
473.7648	54:01	54:00	0	1.043	1578651	283150	1488	3720	190		
475.7619	54:01	54:00	0	1.043	1907645	341217	1711	4277	199	0.83(0.65-0.89)	
PCB-208											
461.7246	49:13						80	200			
463.7216	49:13						298	745			
PCB-207											
461.7246	50:10	50:12	0	1.020	56773	12423	80	200	155		
463.7216	50:09	50:12	-1	1.019	69316	11453	298	745	38	0.82(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-206											
461.7246	54:02						80	200			
463.7216	54:02						298	745			
PCB-209L											
507.7258	55:39	55:39	0	1.075	1550160	269726	54	135	4995		
509.7229	55:39	55:39	0	1.075	2176401	369652	59	147	6265	0.71(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:40	55:44	-1	1.000	48458	8635	18	45	480		
497.6826	55:40	55:44	-1	1.000	66684	10932	23	57	475	0.73(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

a - User Assigned ID

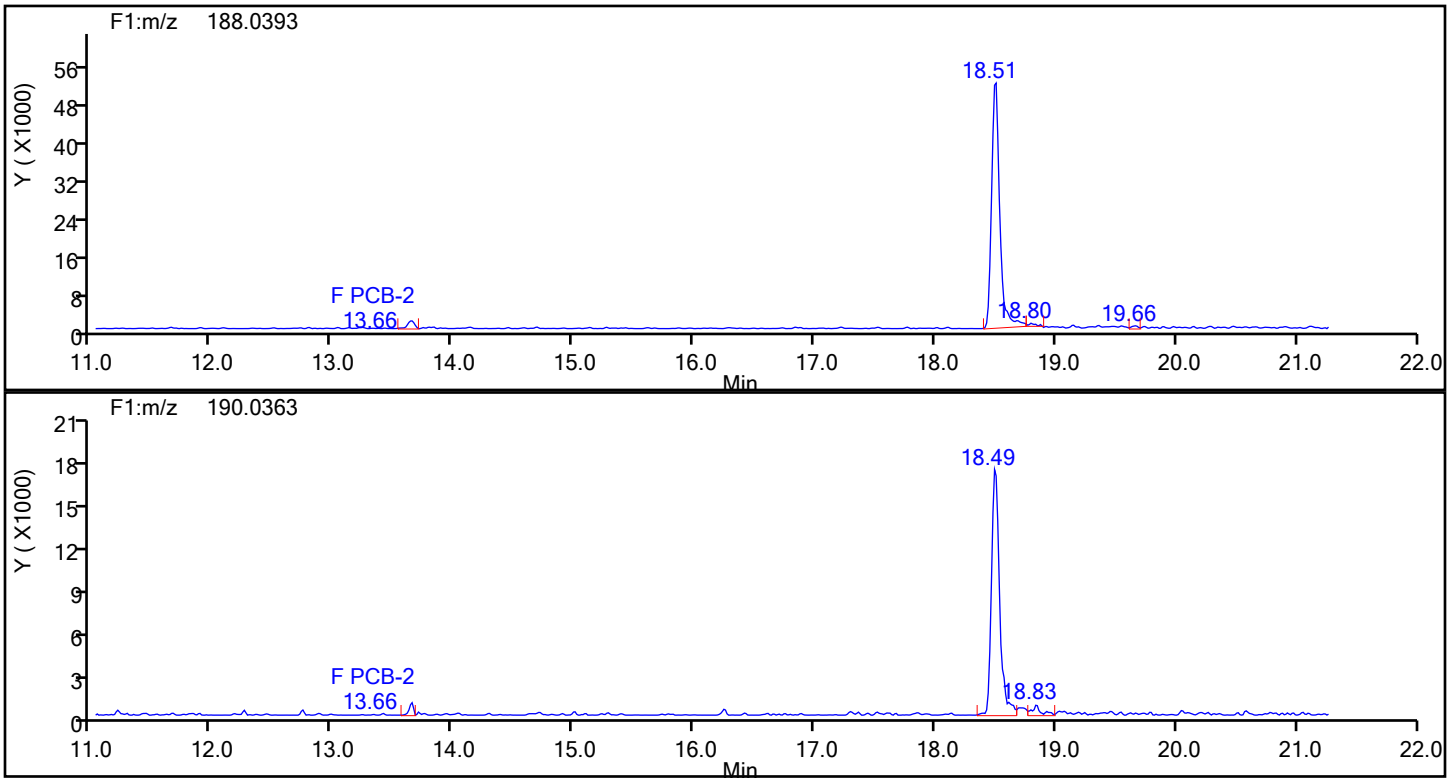
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

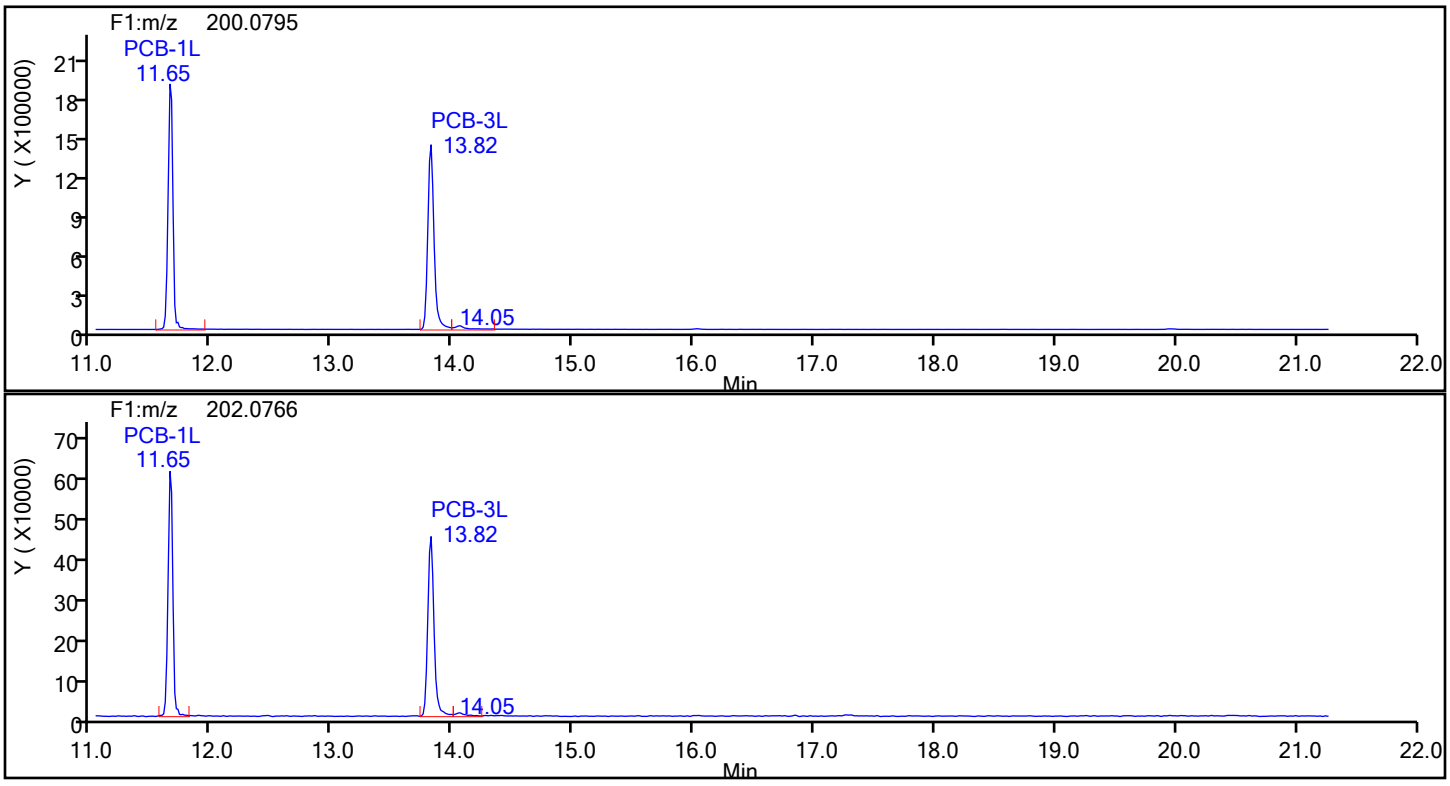
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

MoPCB F1



MoPCB F1 Standards

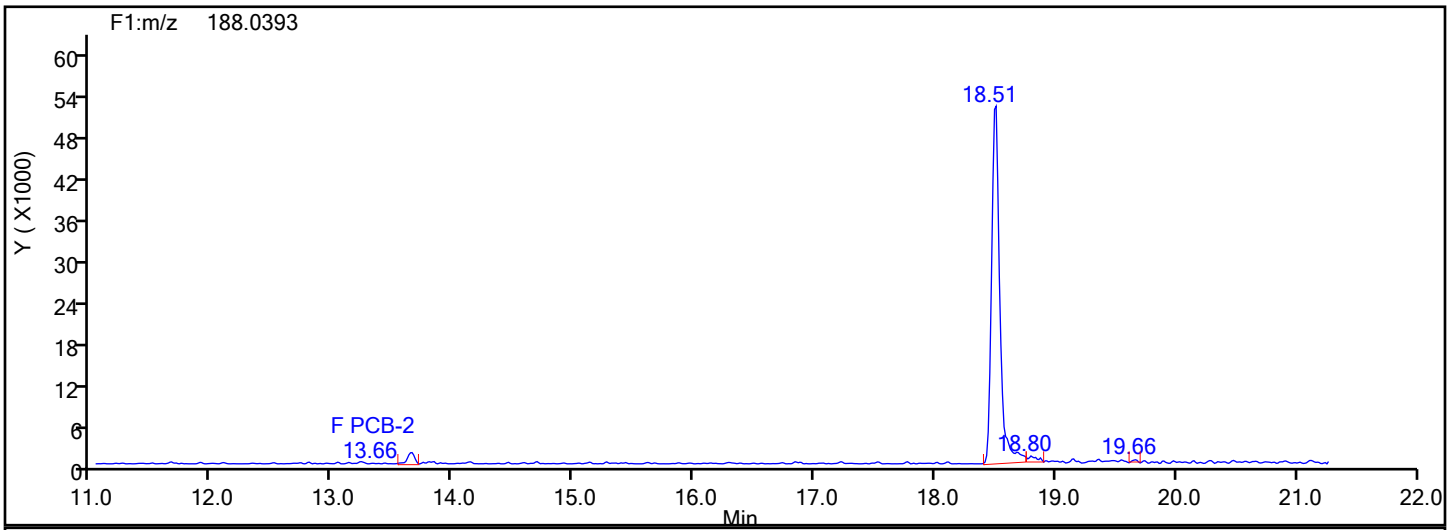


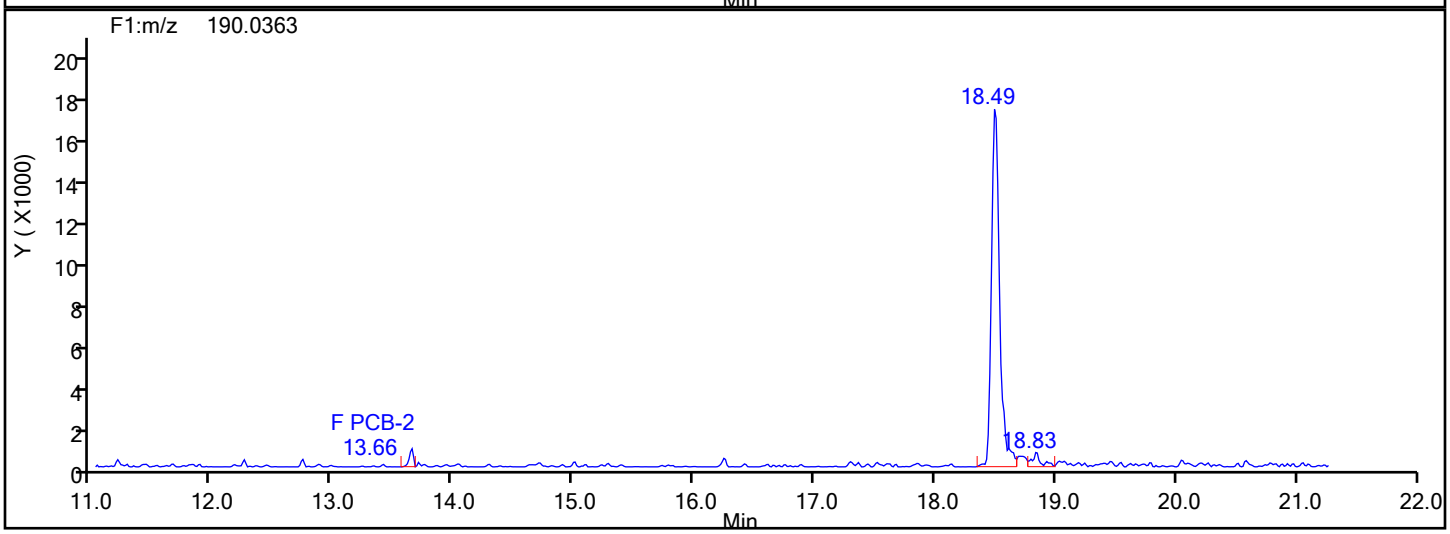
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

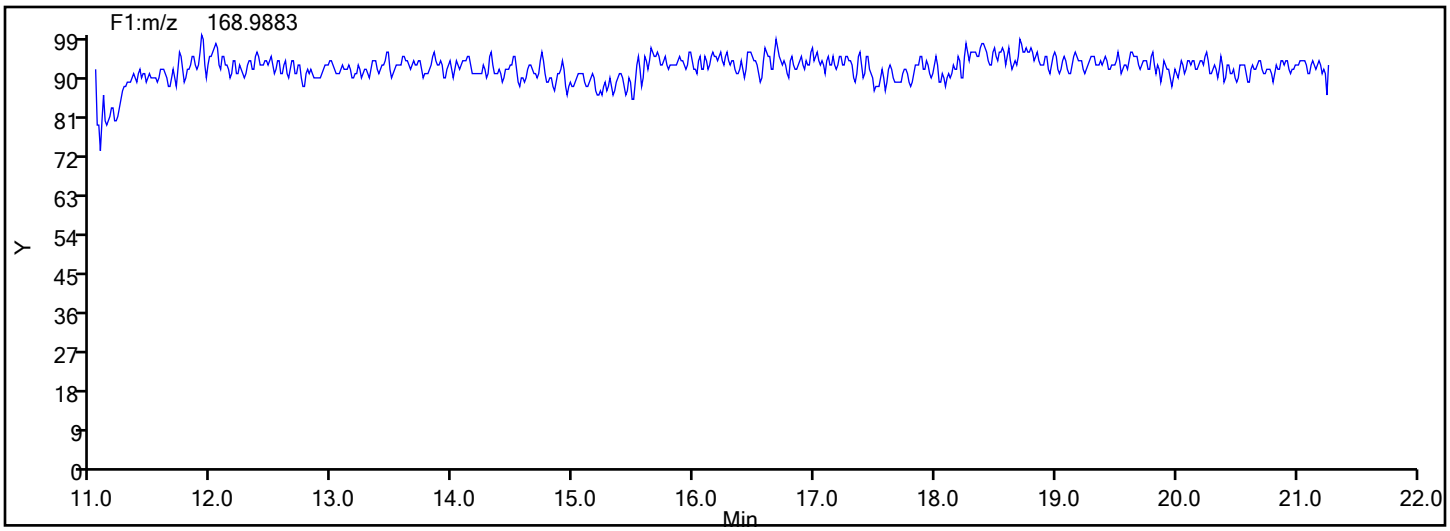
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



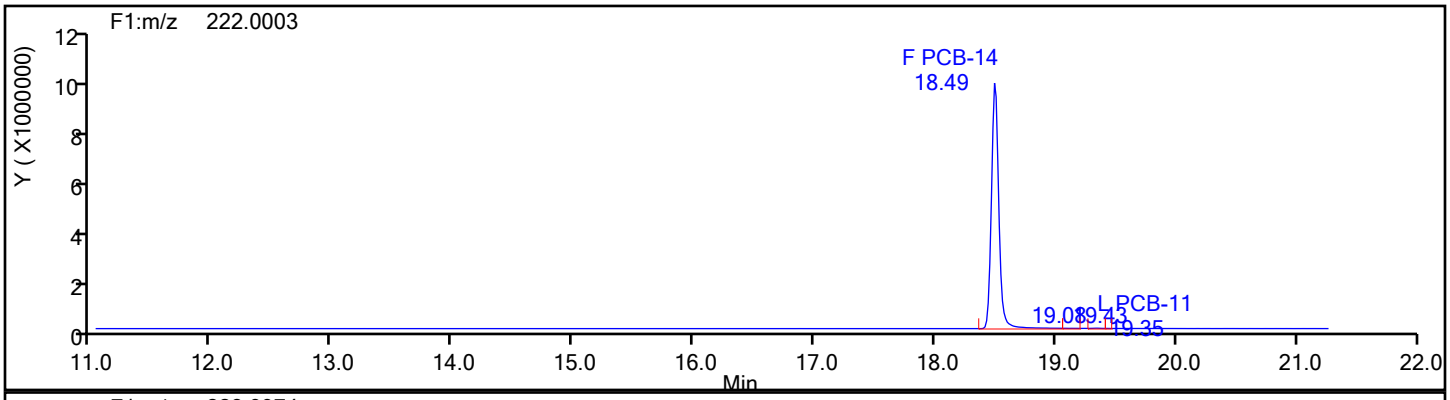
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

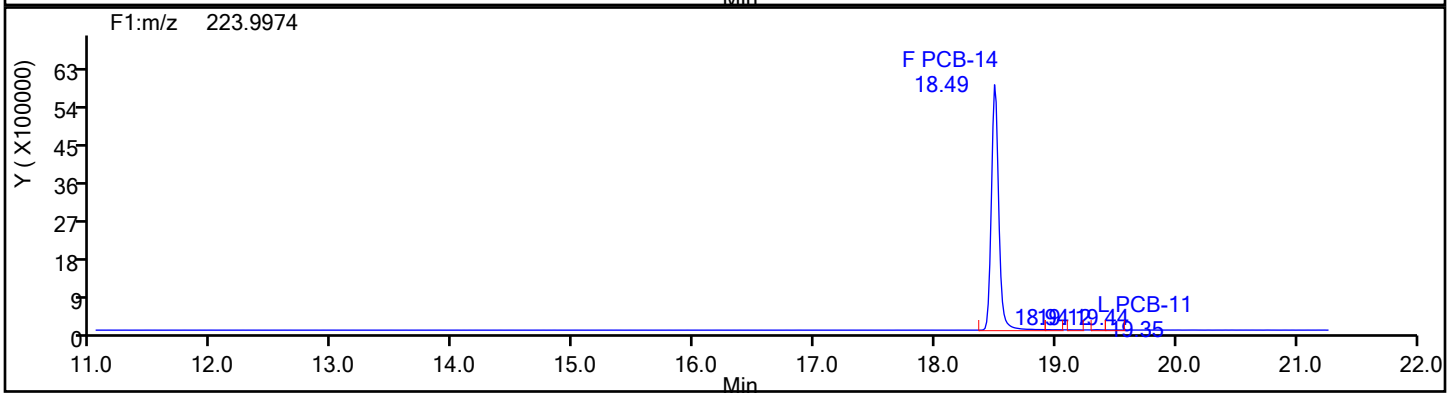
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

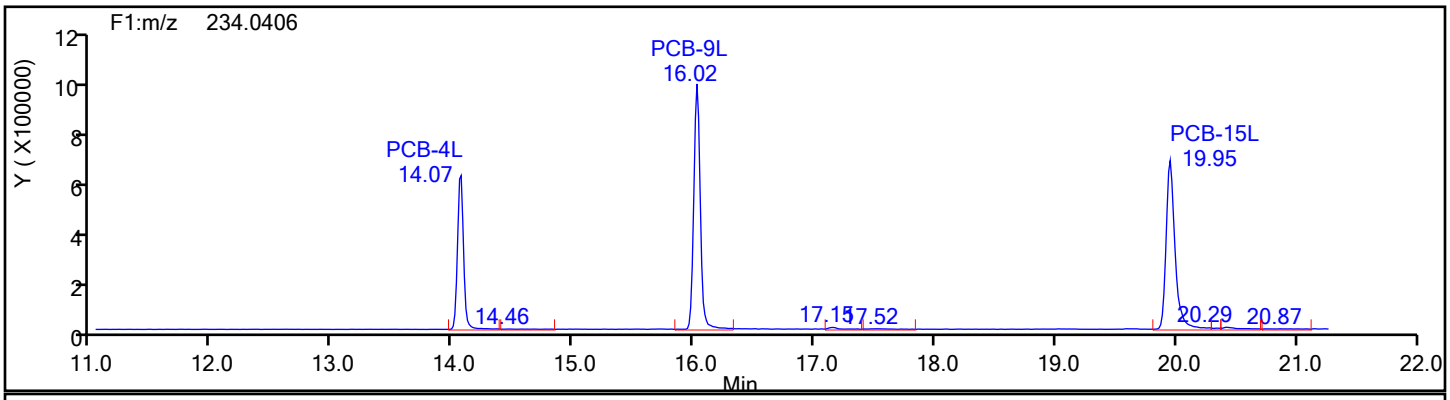
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

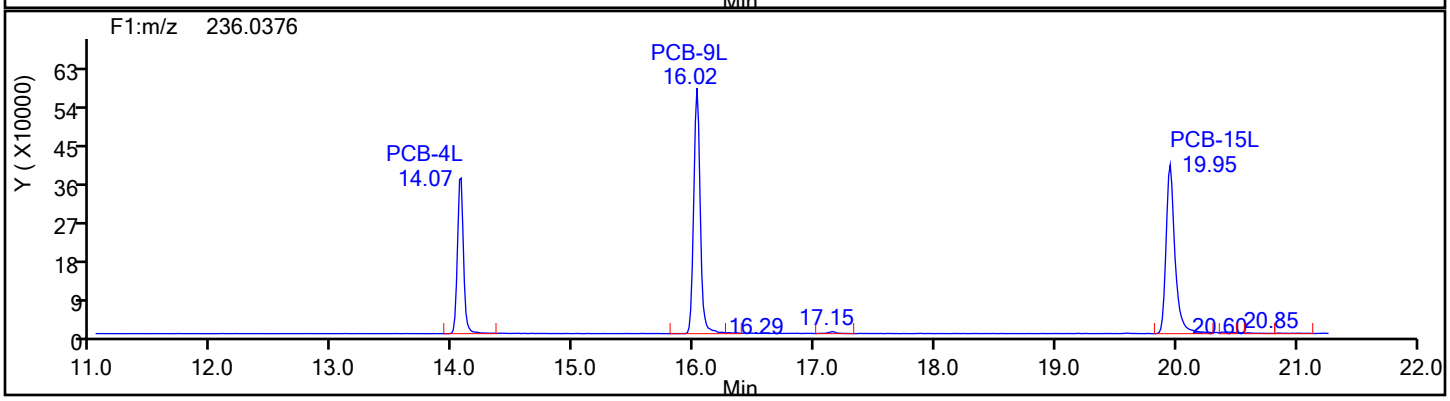
DiPCB F1





DiPCB F1 Standards



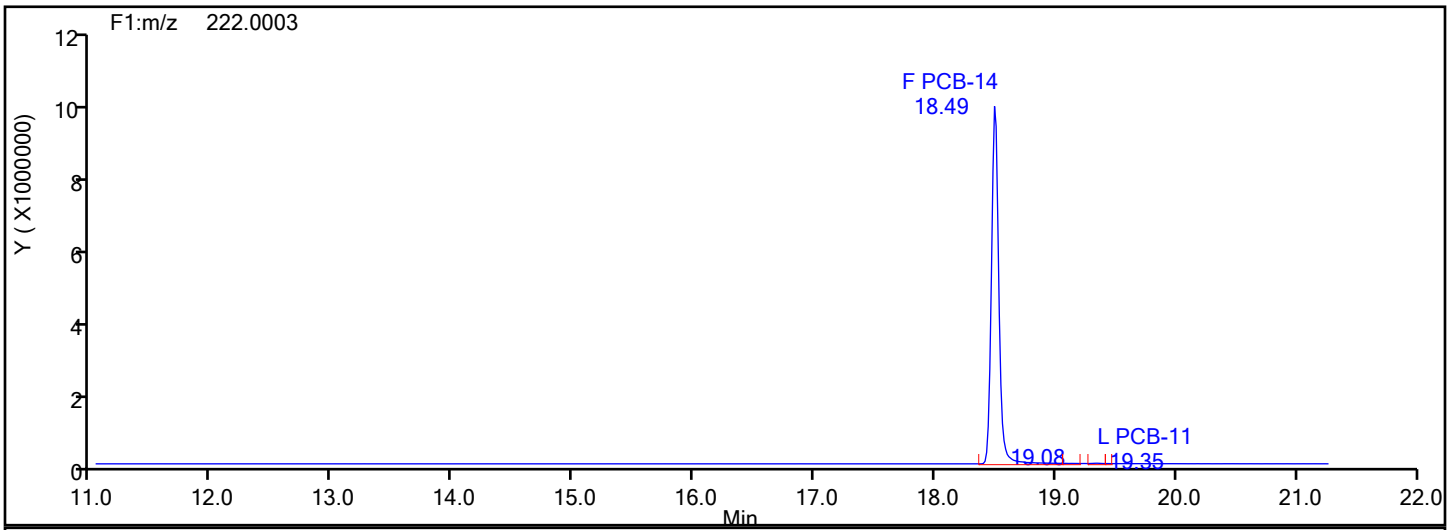


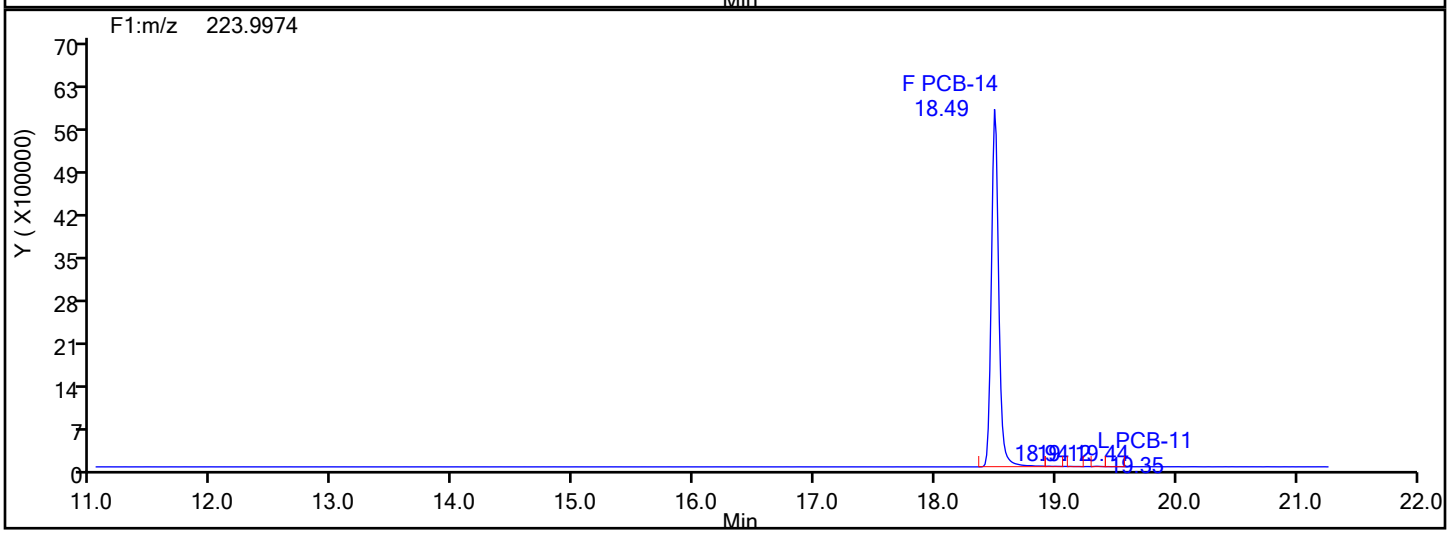
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

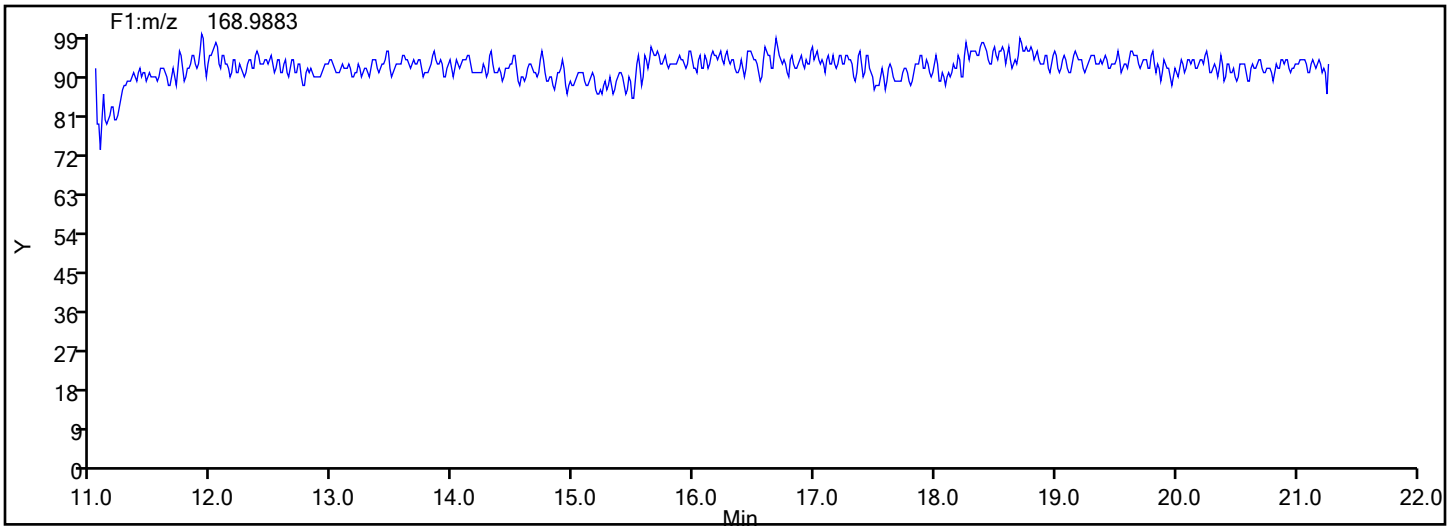
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

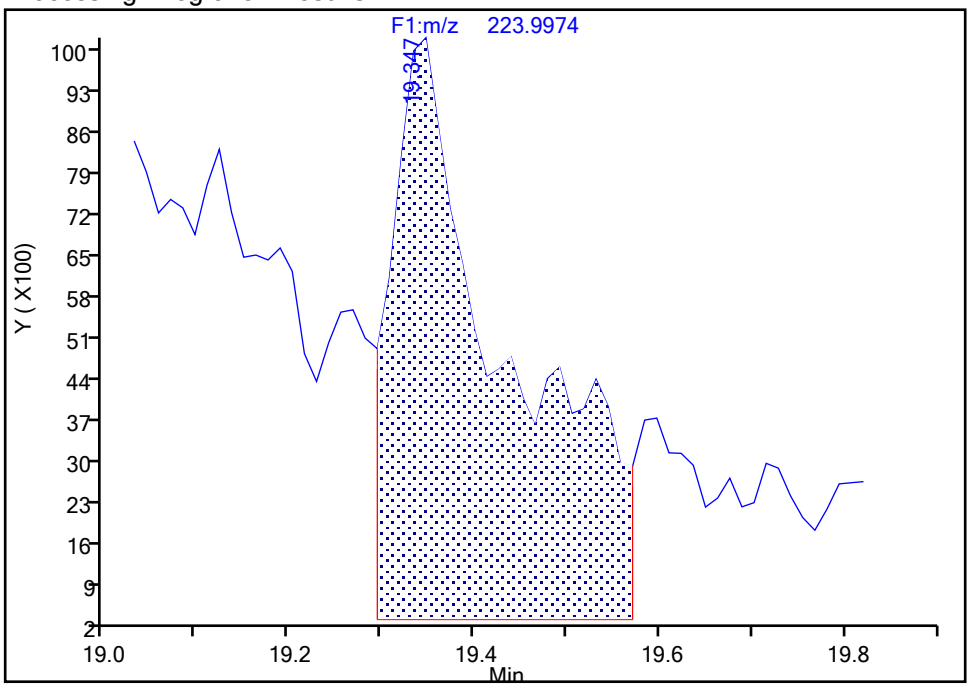
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 2

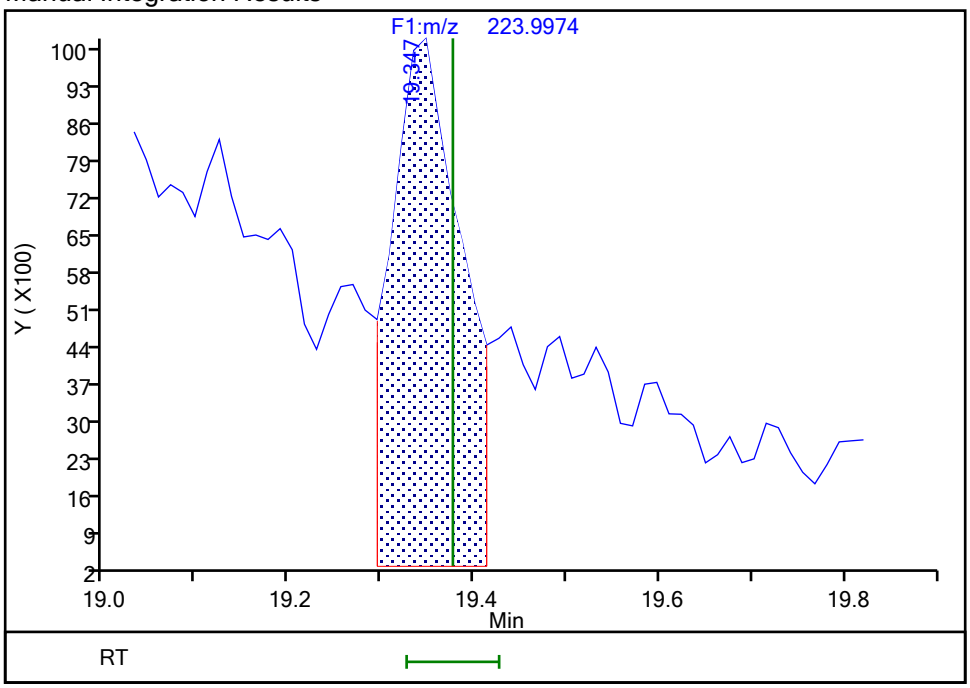
Processing Integration Results

RT: 19.35
Area: 85922
Amount: 3.282638
Amount Units: pg/ul



Manual Integration Results

RT: 19.35
Area: 50424
Amount: 2.382523
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:47:21 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

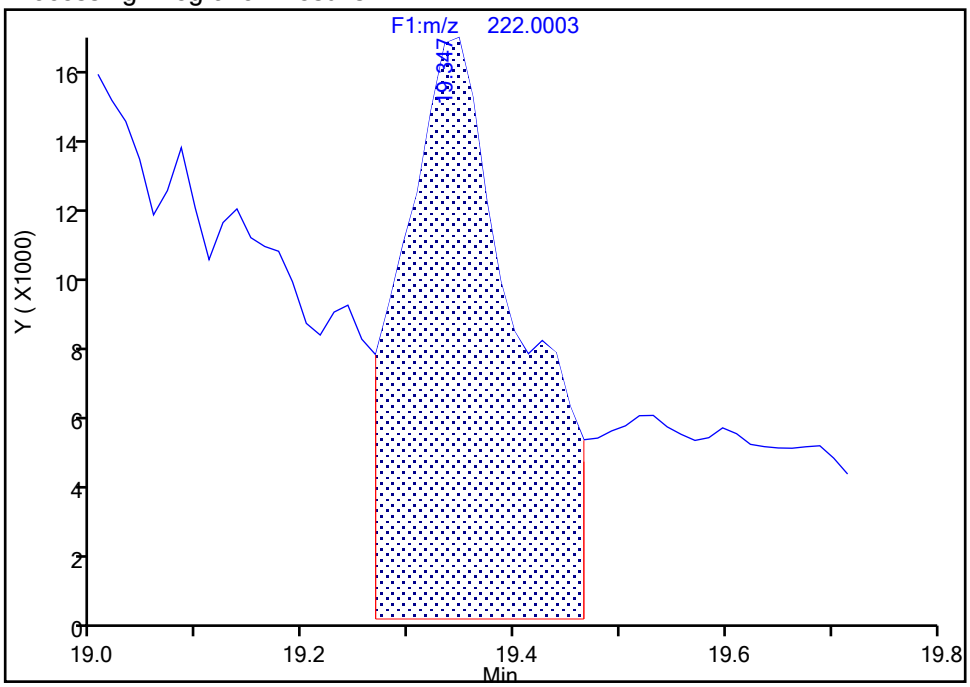
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 1

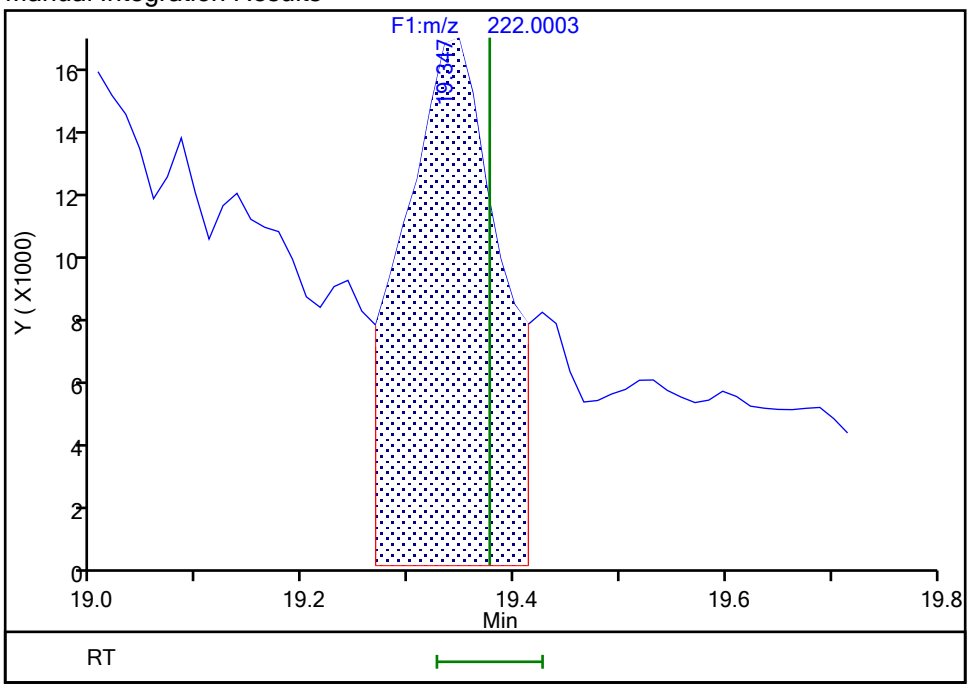
Processing Integration Results

RT: 19.35
Area: 120854
Amount: 3.282638
Amount Units: pg/ul



Manual Integration Results

RT: 19.35
Area: 99653
Amount: 2.382523
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:47:57 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

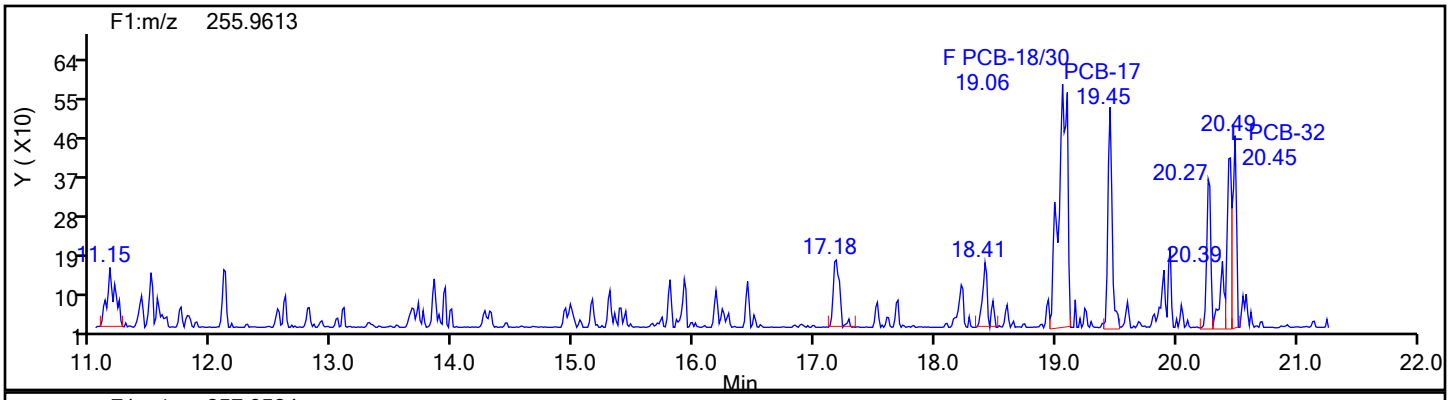
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

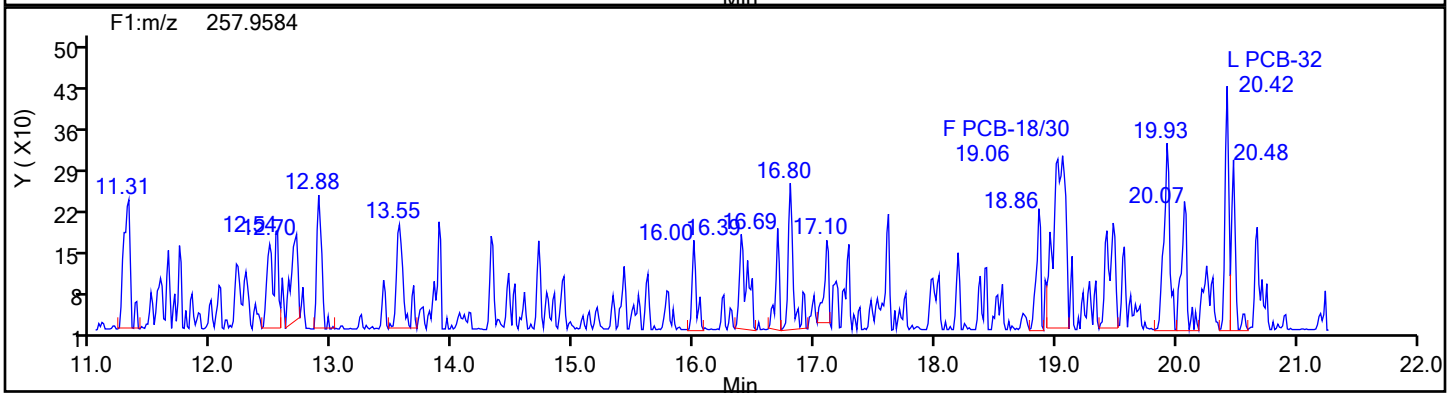
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

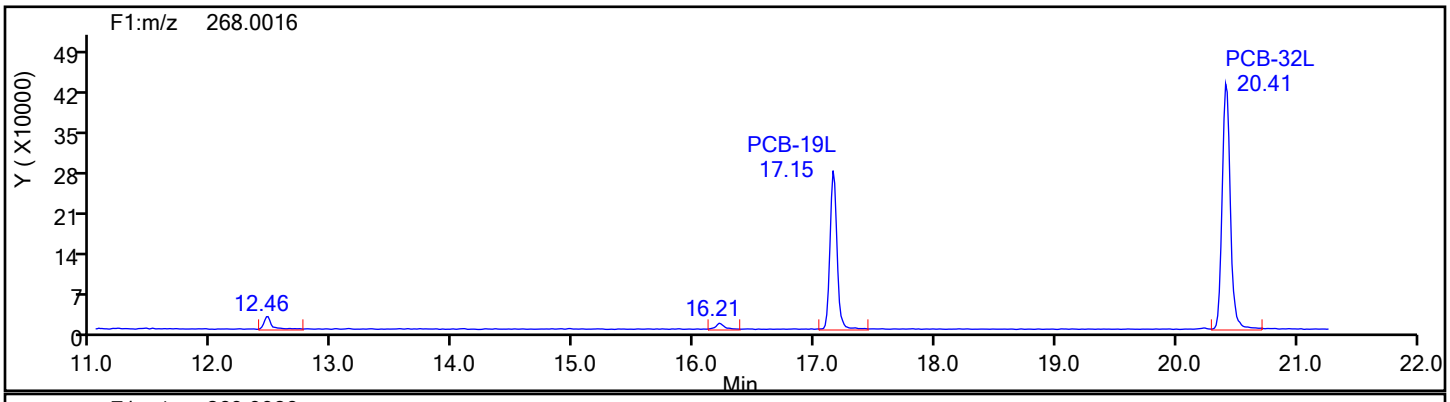
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

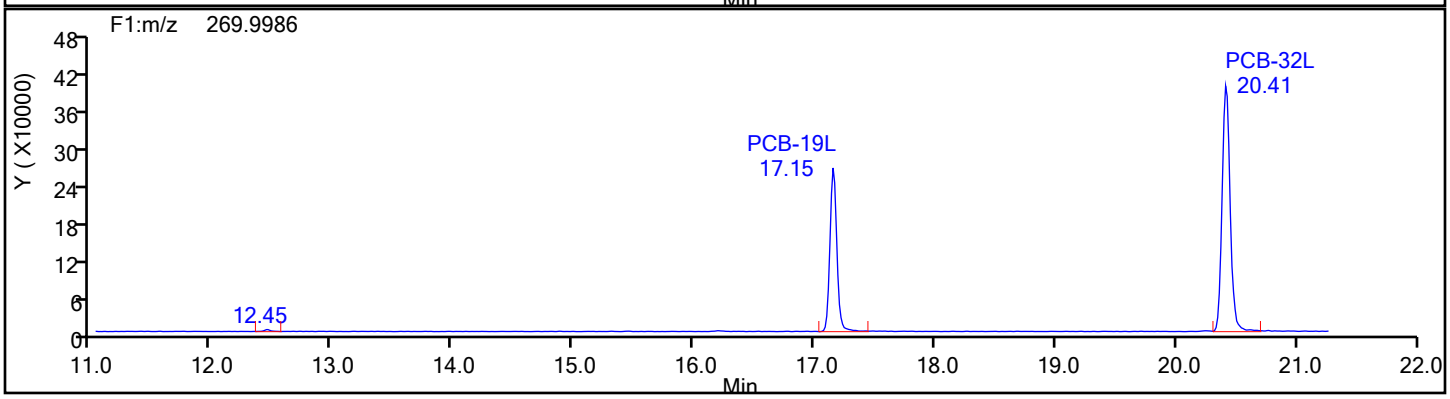
TriPCB F1





TriPCB F1 Standards



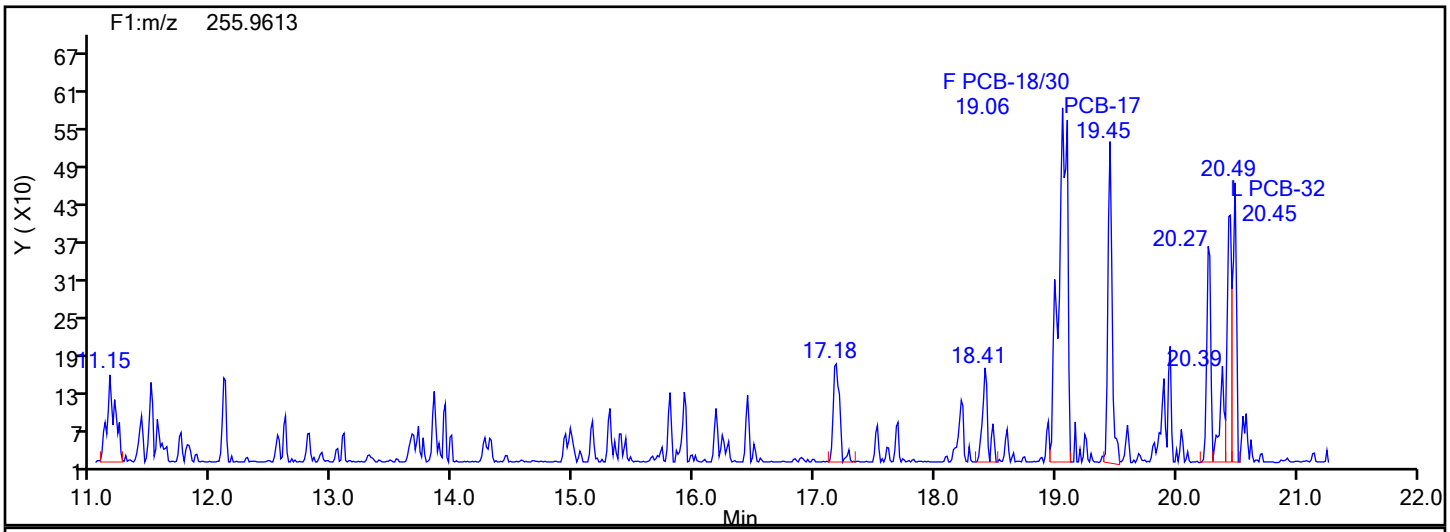


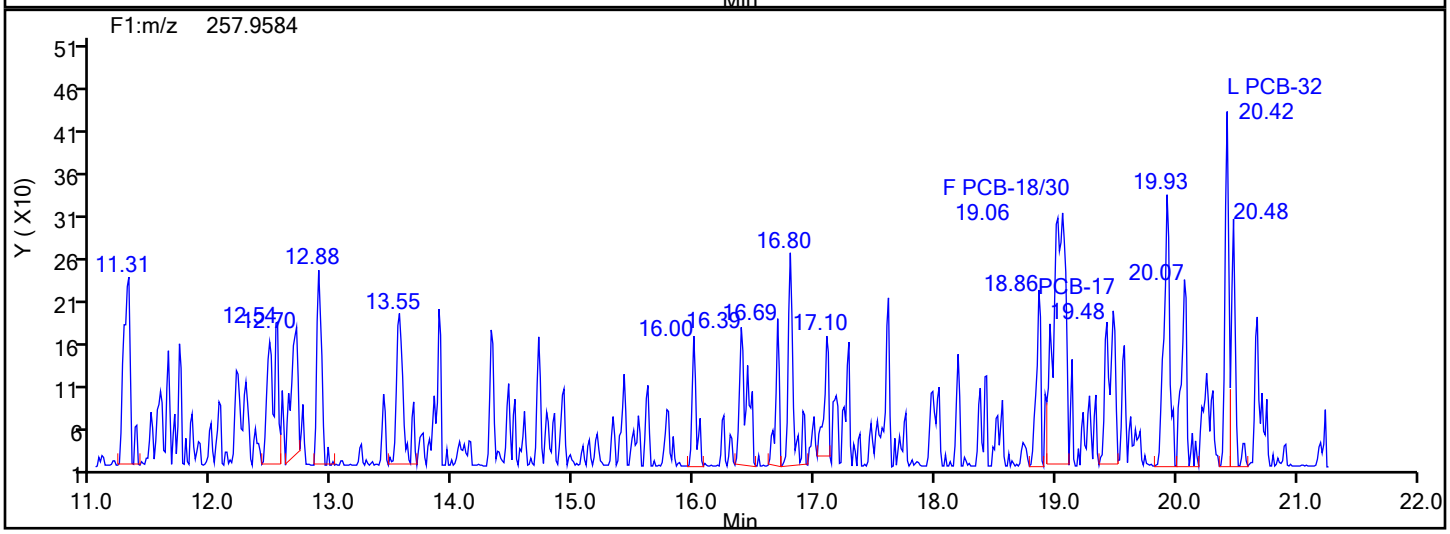
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

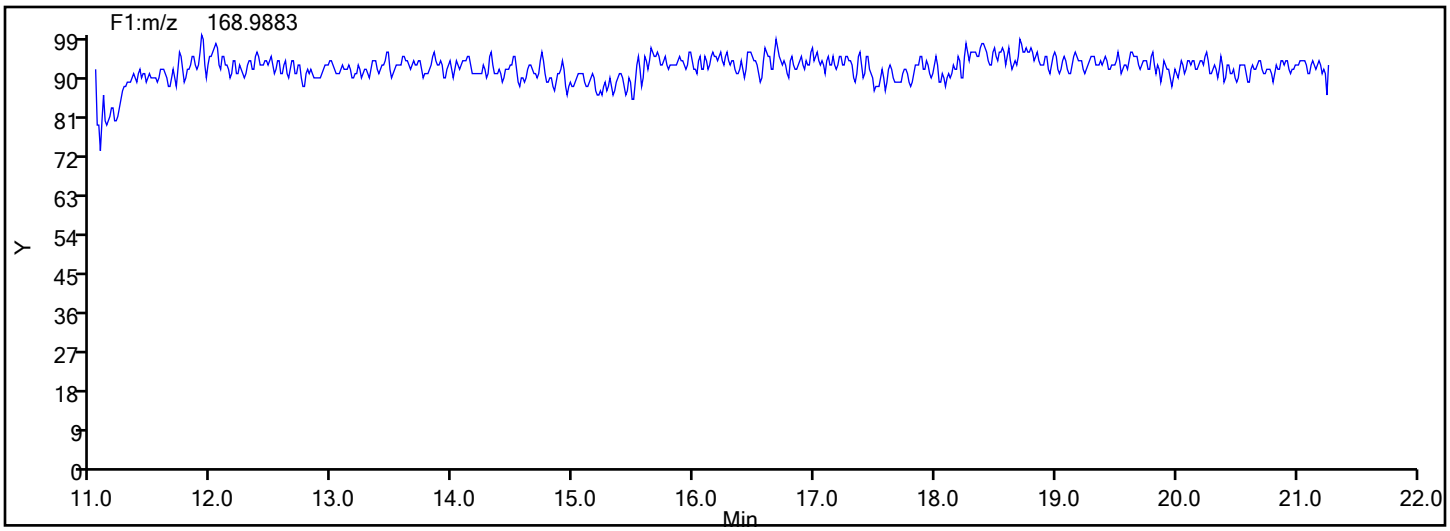
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Injection Date: 04-Jan-2024 19:07:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-01
Worklist#: 82009 Sample Line#: 11
Column Type: Column Dia:

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

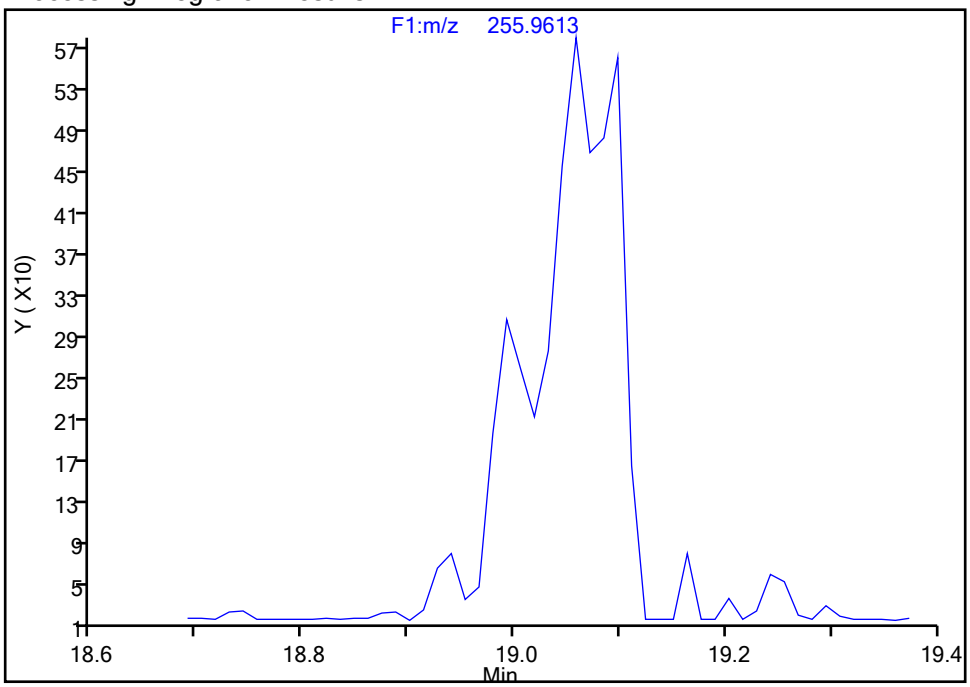
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-18/30, CAS: STL01798

Signal: 1

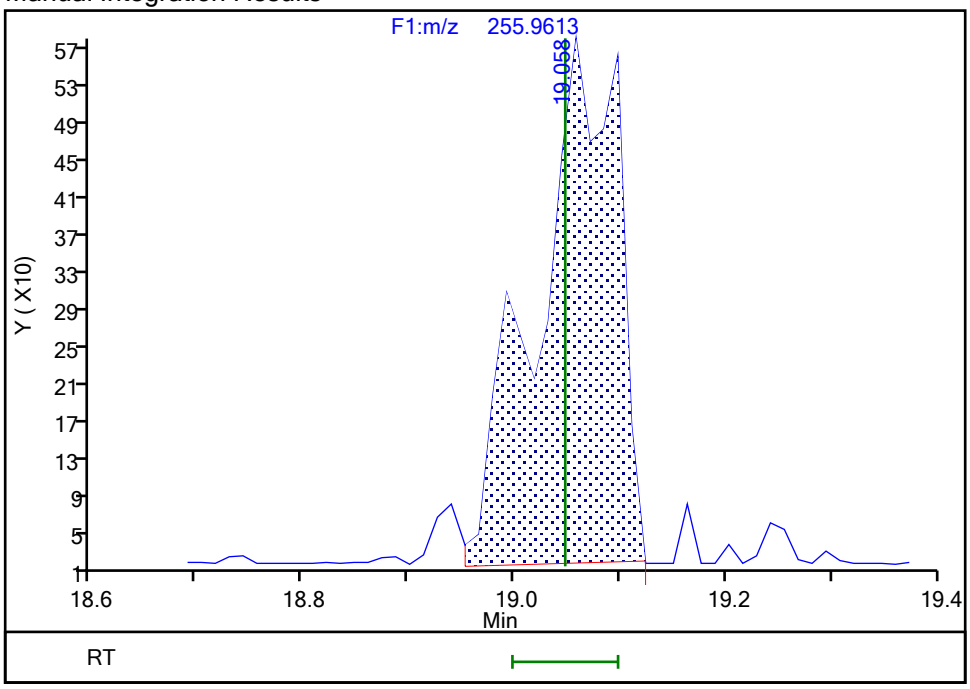
Not Detected
Expected RT: 19.05

Processing Integration Results



Manual Integration Results

RT: 19.06
Area: 2980
Amount: 0.130342
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:48:24 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

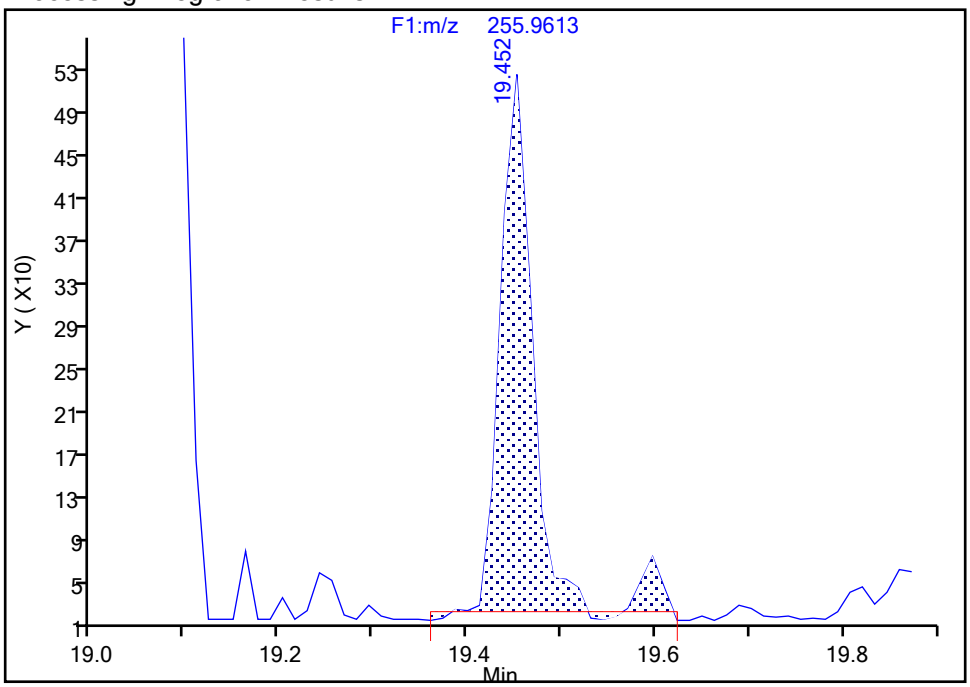
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-17, CAS: 37680-66-3

Signal: 1

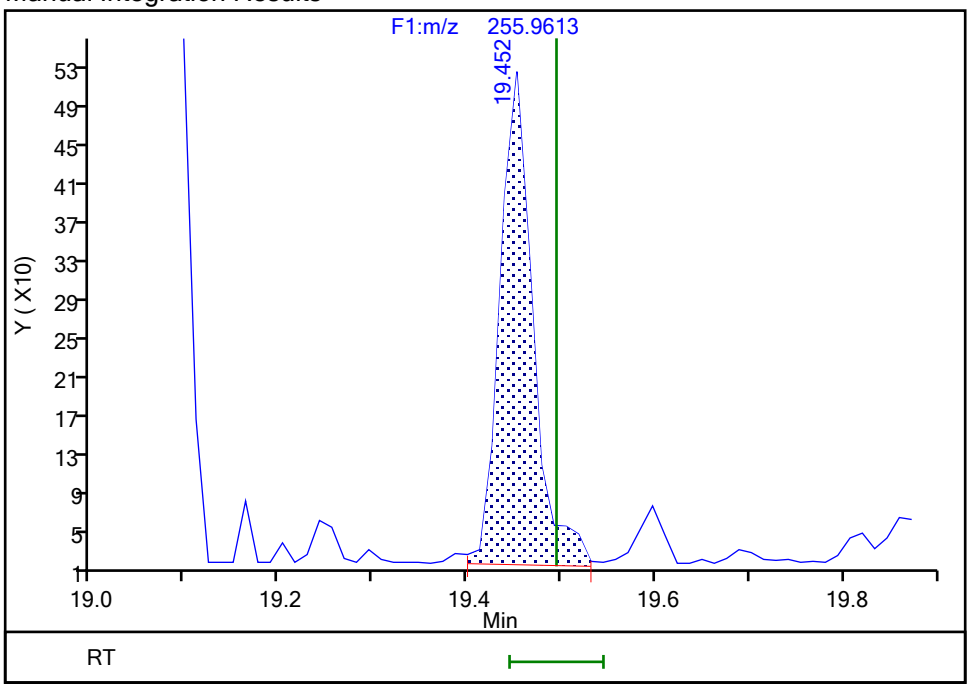
Processing Integration Results

RT: 19.45
Area: 1219
Amount: 0.078904
Amount Units: pg/ul



Manual Integration Results

RT: 19.45
Area: 1230
Amount: 0.079324
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:48:34 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

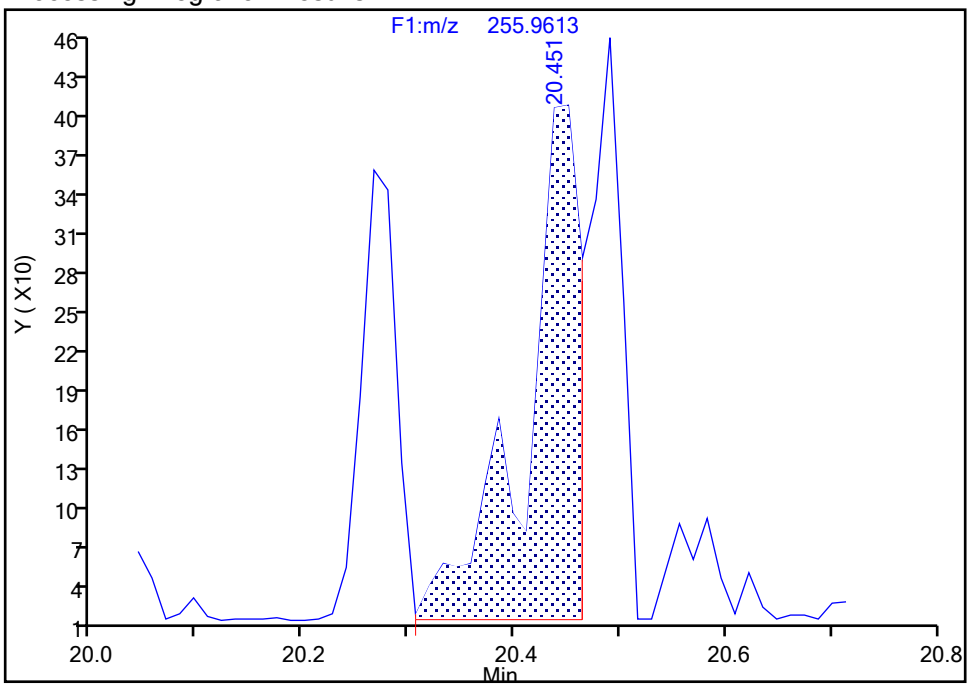
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-32, CAS: 38444-77-8

Signal: 1

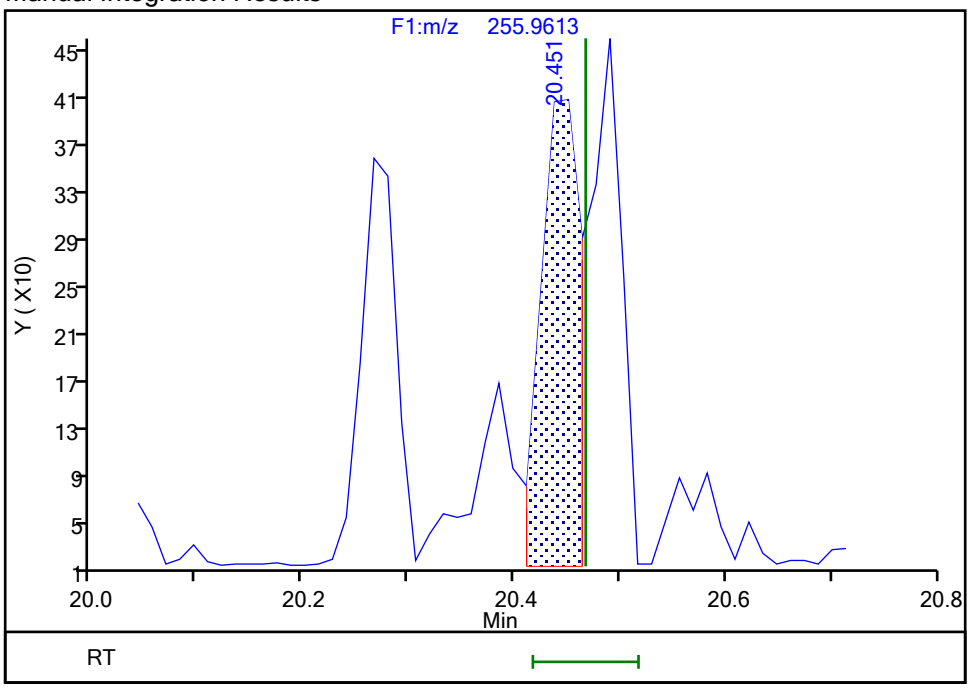
Processing Integration Results

RT: 20.45
Area: 1335
Amount: 0.051998
Amount Units: pg/ul



Manual Integration Results

RT: 20.45
Area: 923
Amount: 0.042313
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:48:54 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

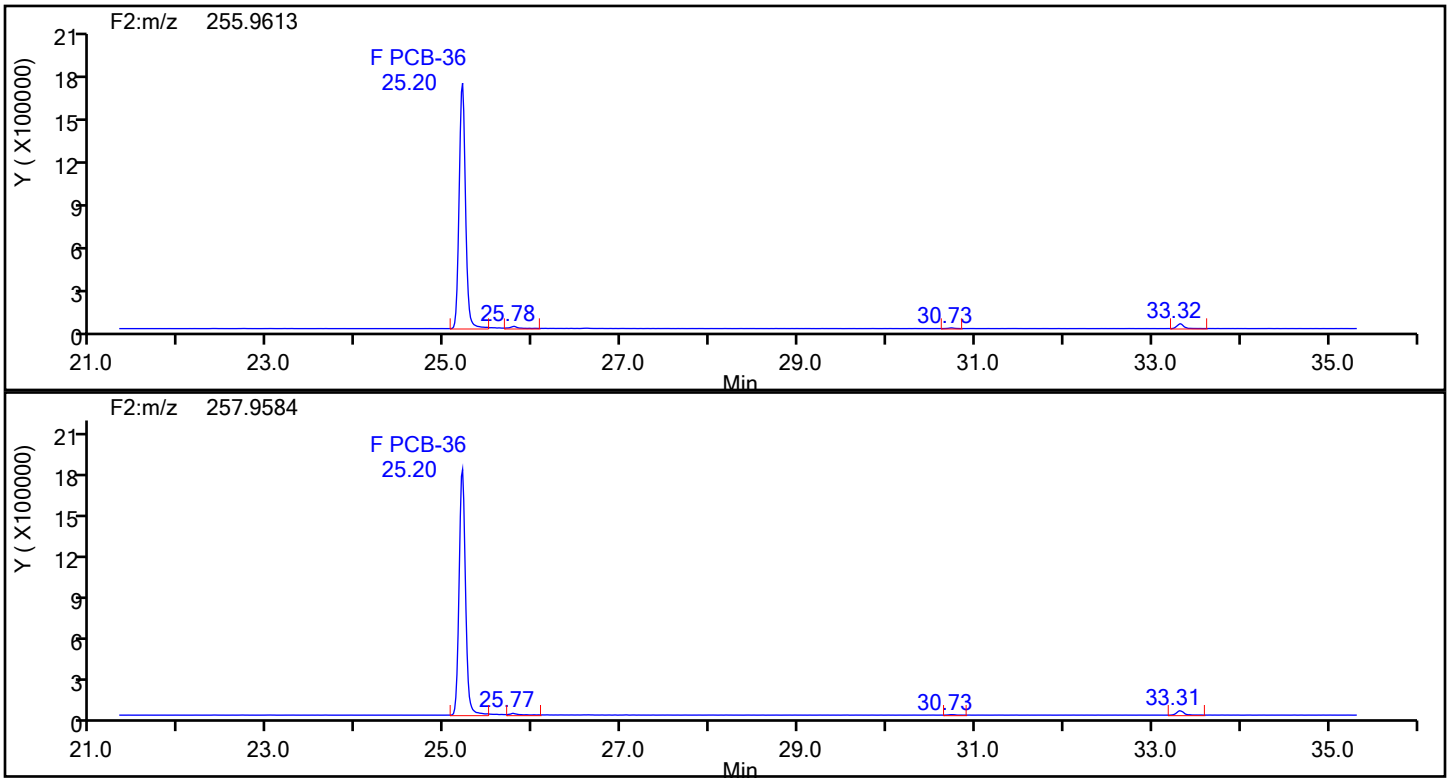
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

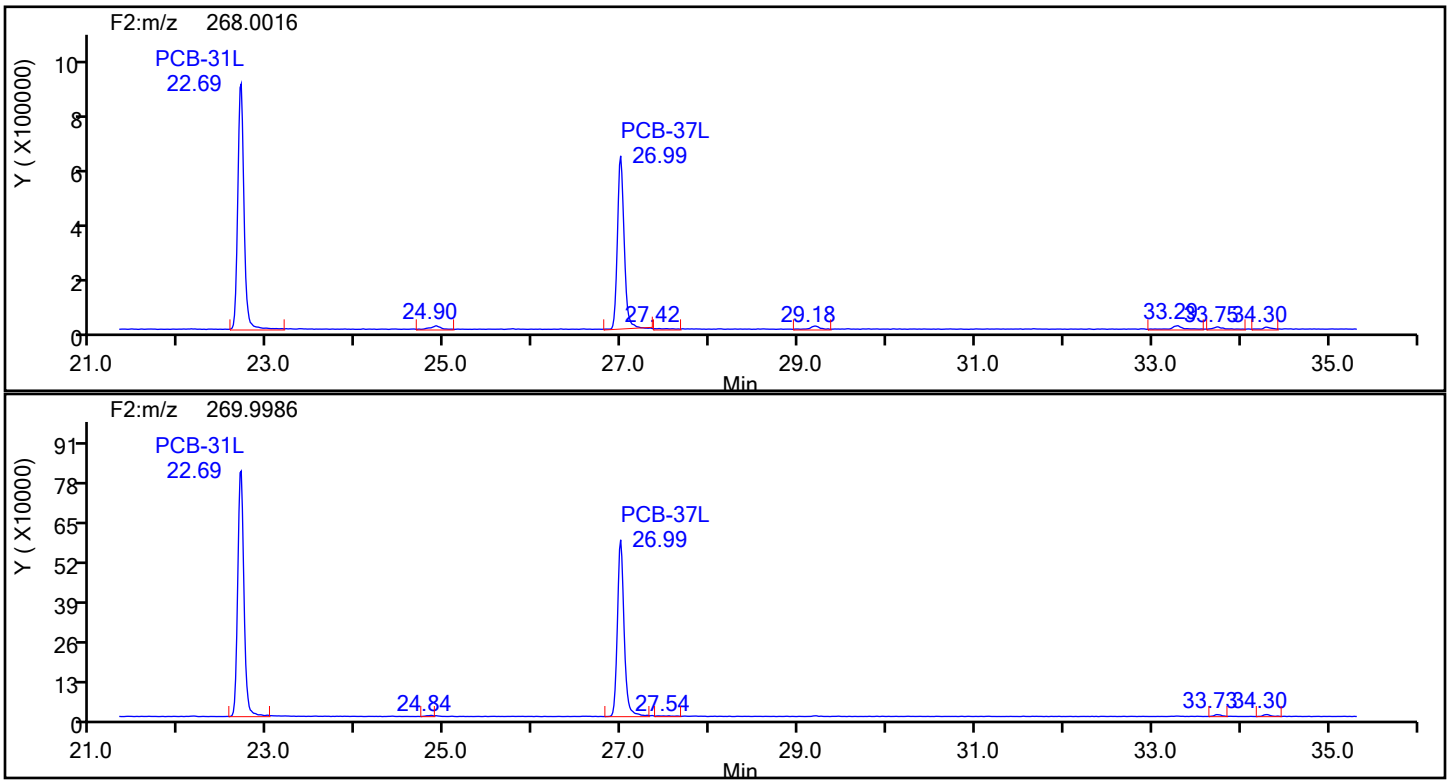
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

TriPCB F2



TriPCB F2 Standards

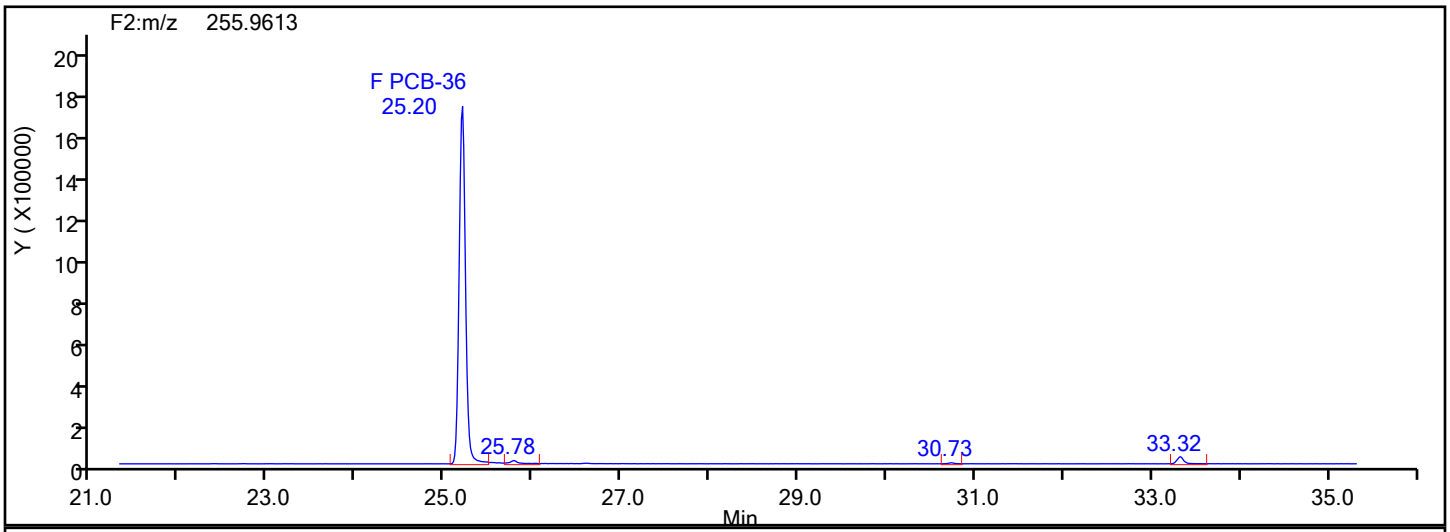


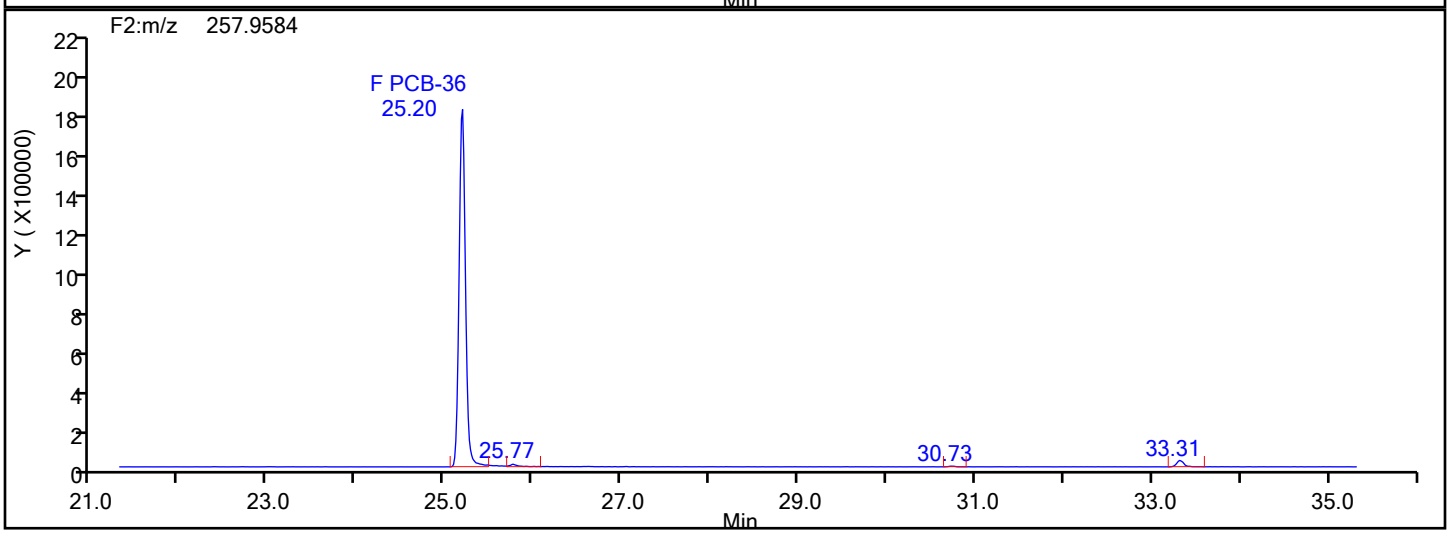
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

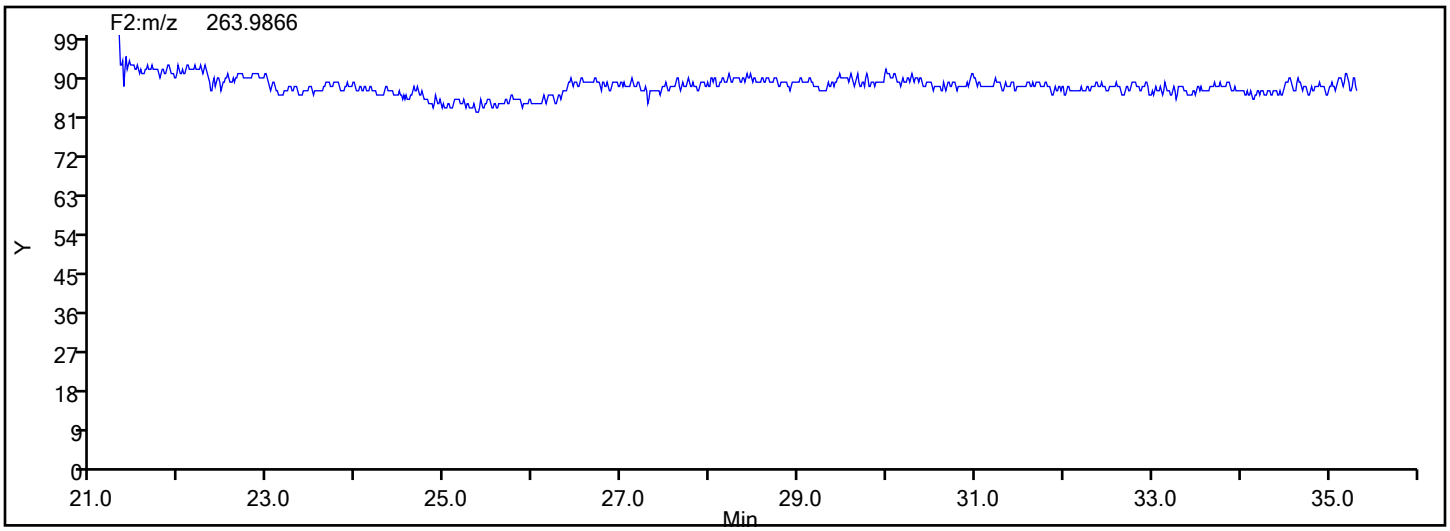
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



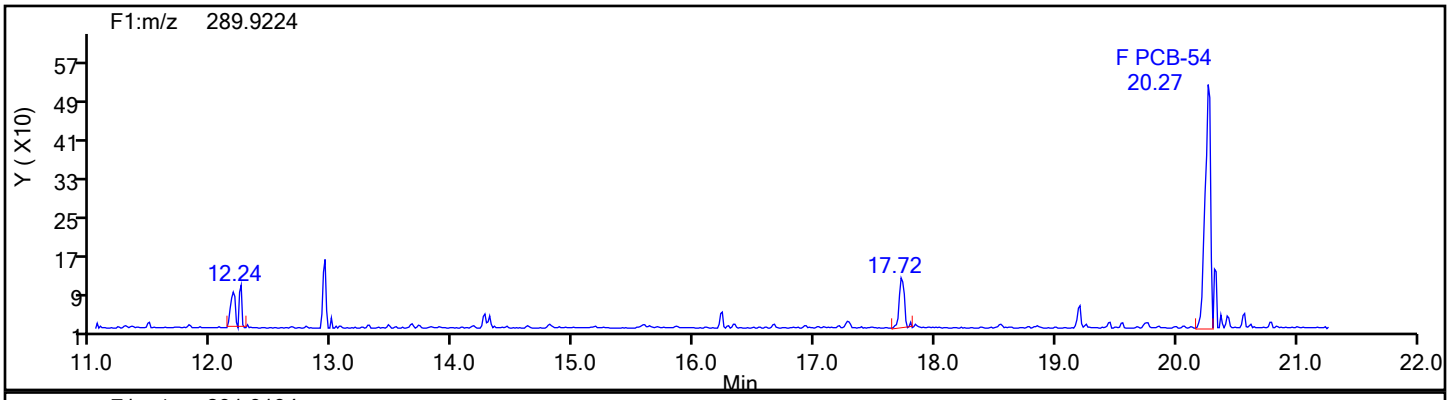
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

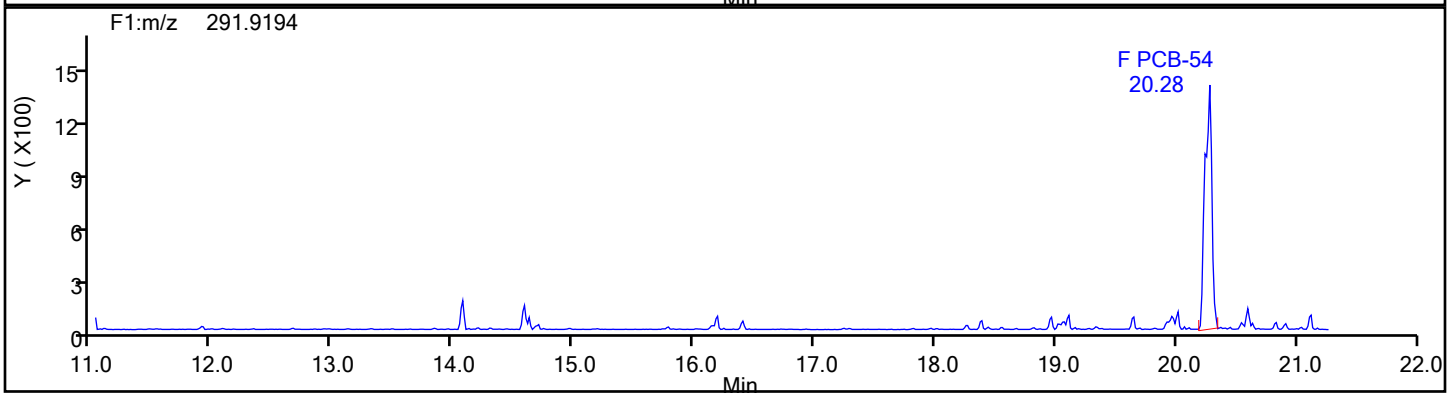
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

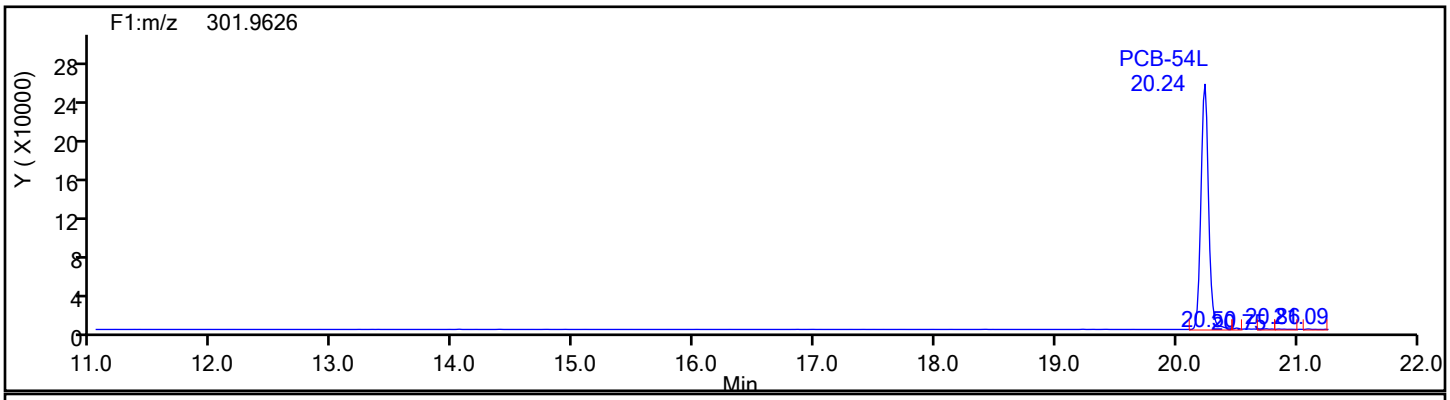
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

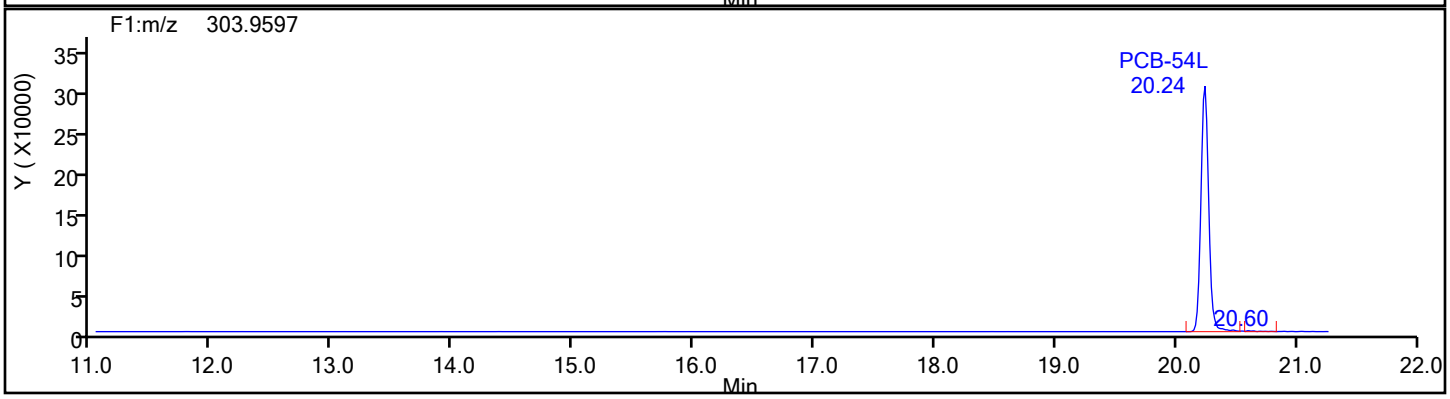
TePCB F1





TePCB F1 Standards



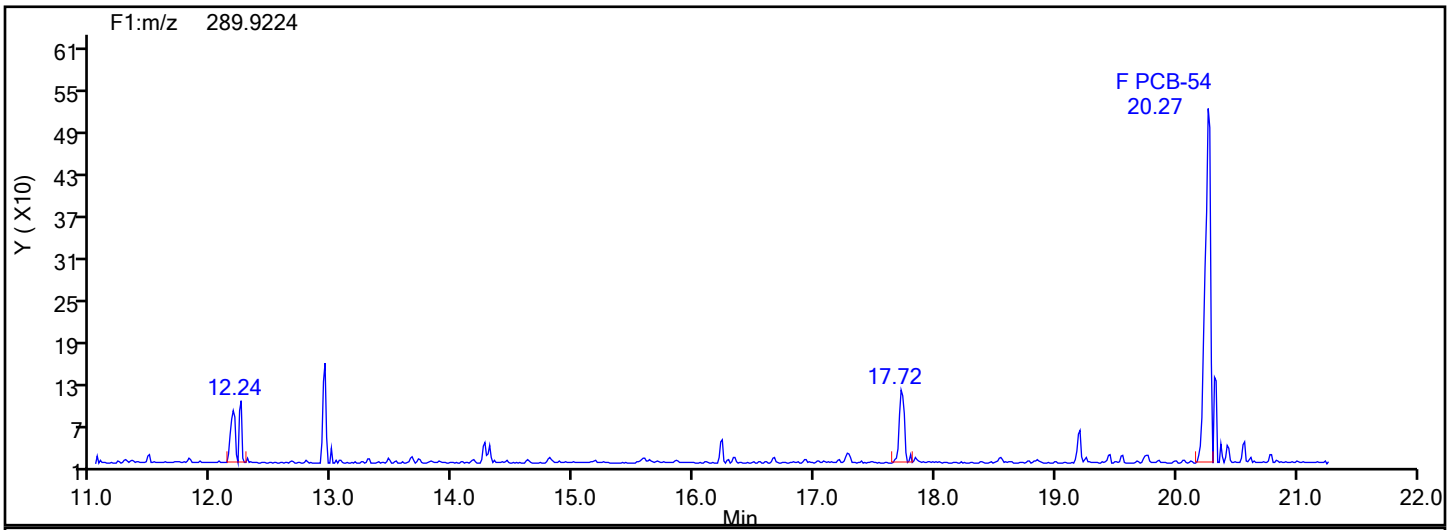


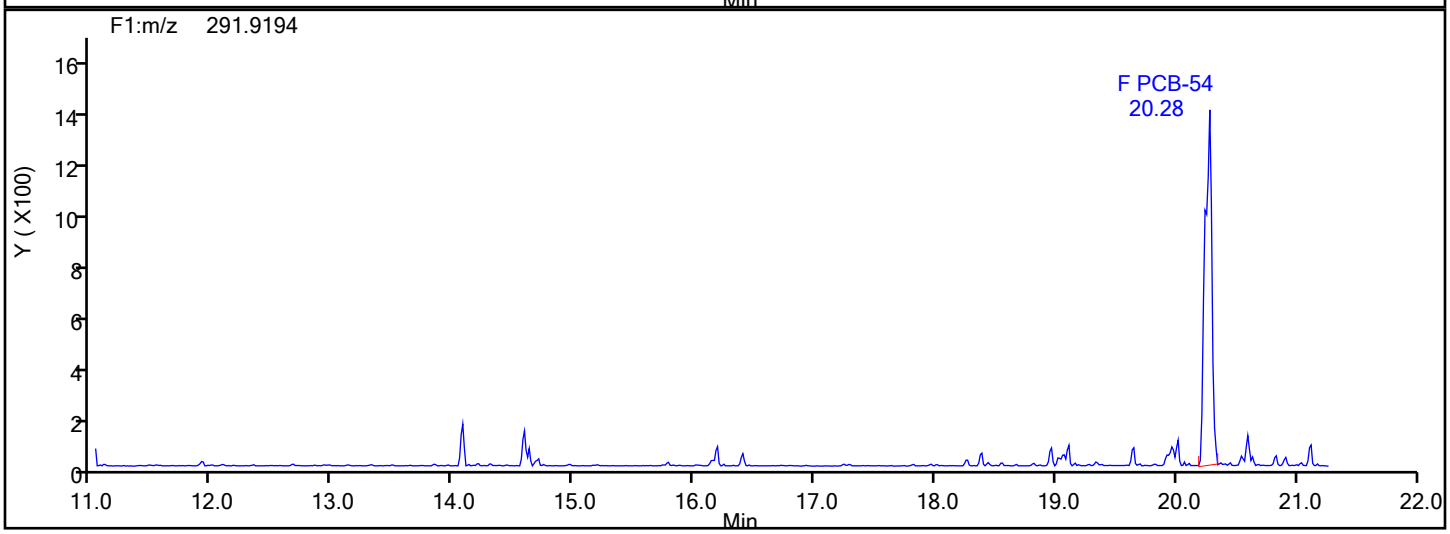
Report Date: 05-Jan-2024 01:04:44 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

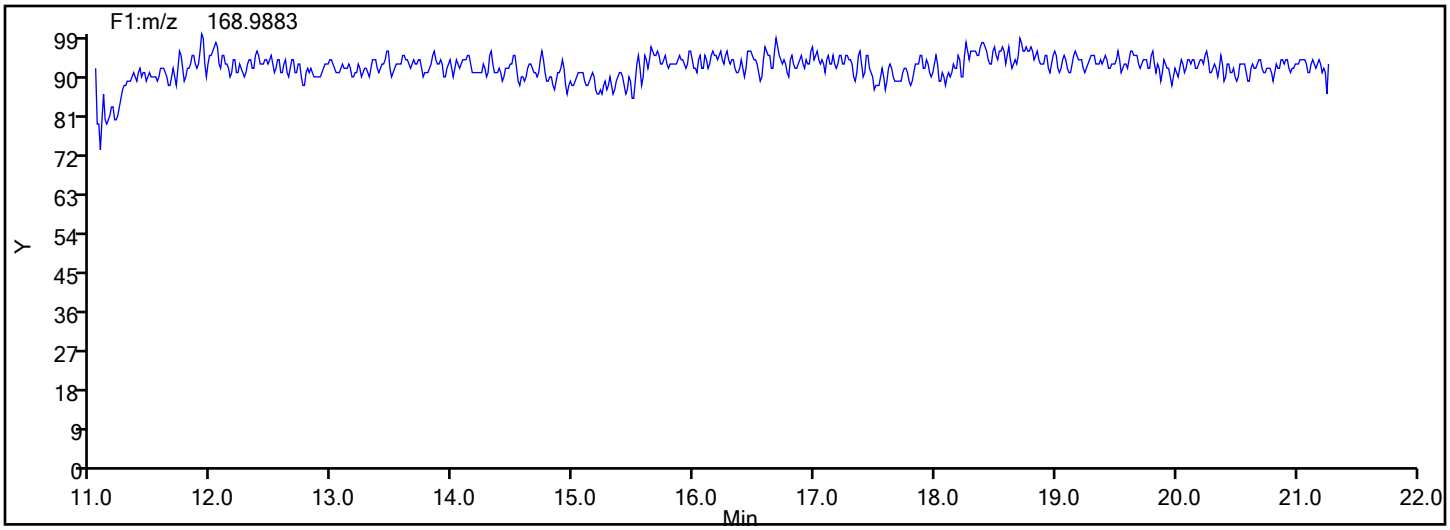
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

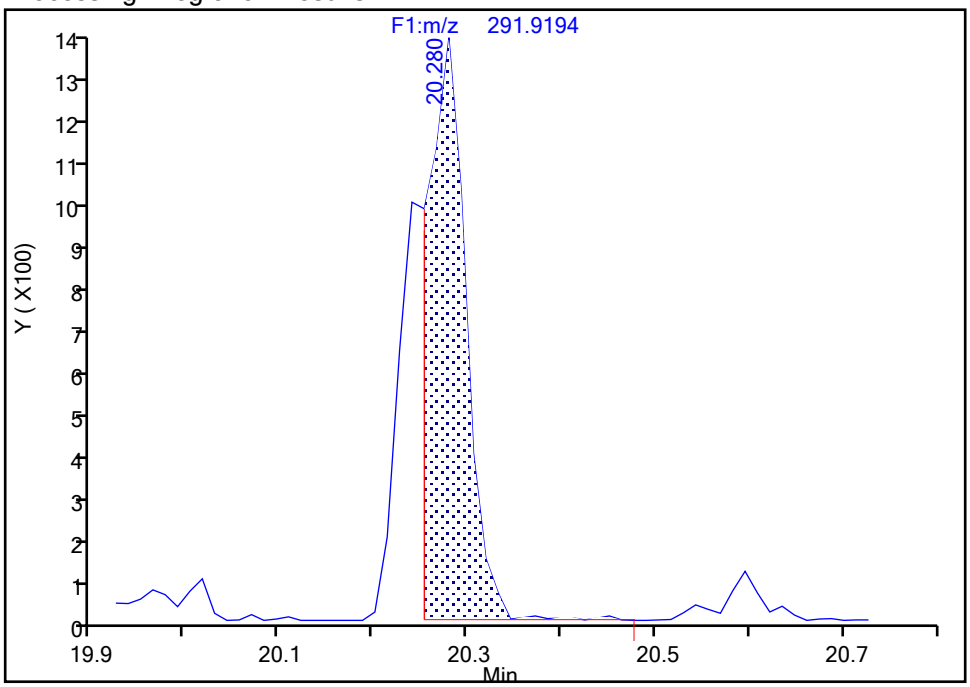
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-54, CAS: 15968-05-5

Signal: 2

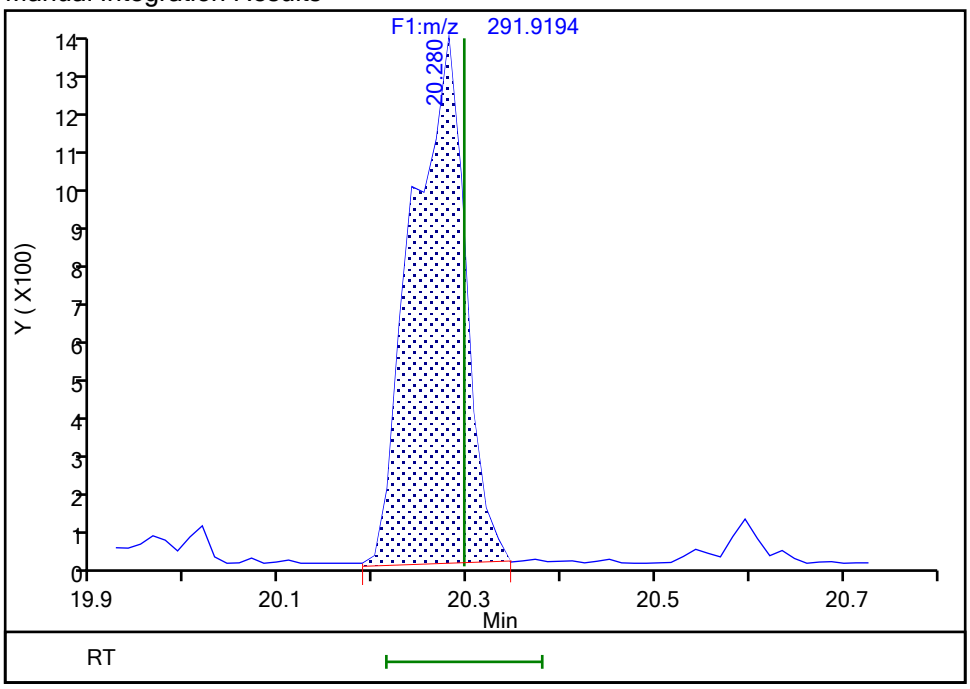
Processing Integration Results

RT: 20.28
Area: 3491
Amount: 0.170771
Amount Units: pg/ul



Manual Integration Results

RT: 20.28
Area: 5220
Amount: 0.228905
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:49:55 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

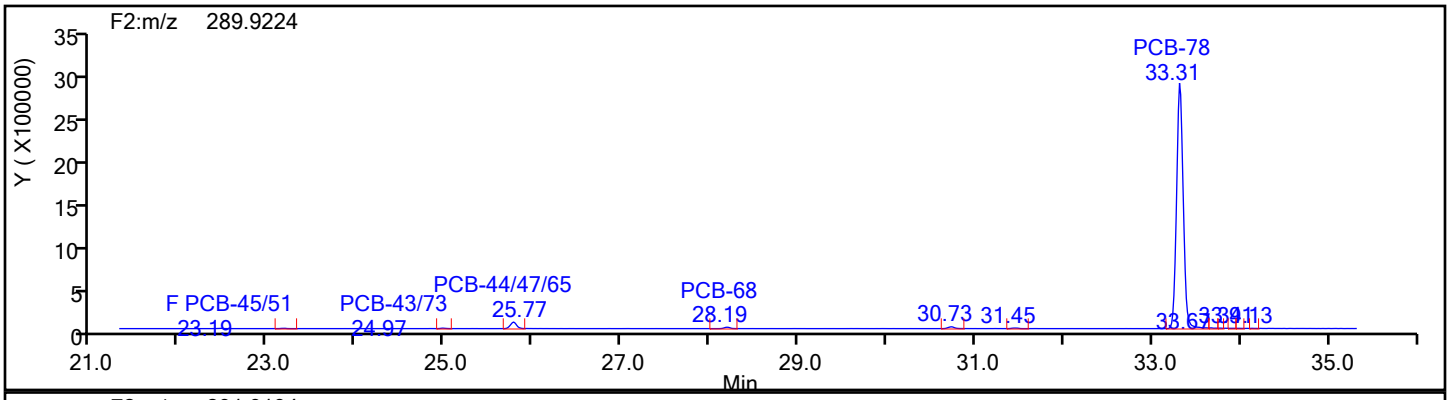
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

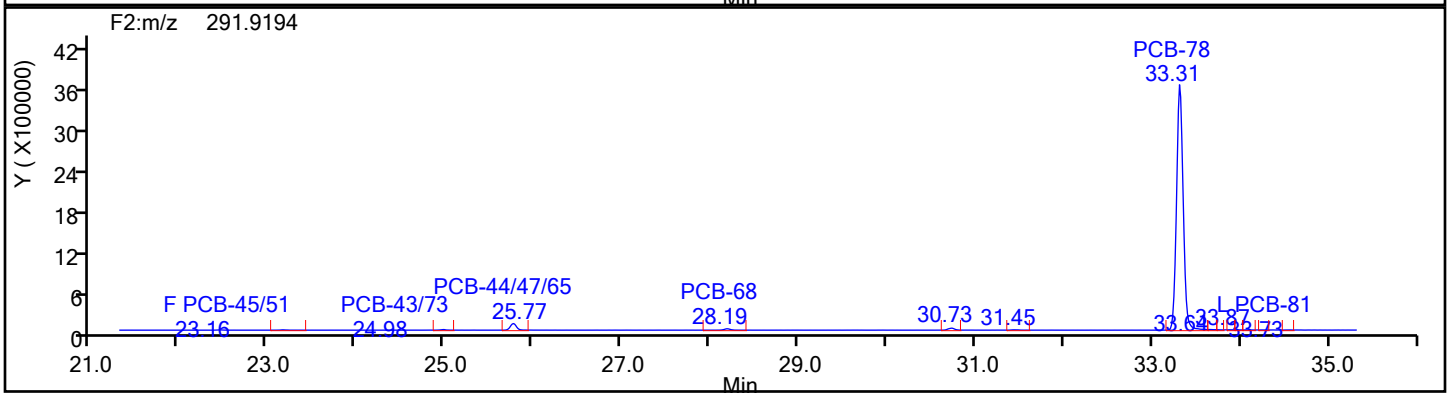
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

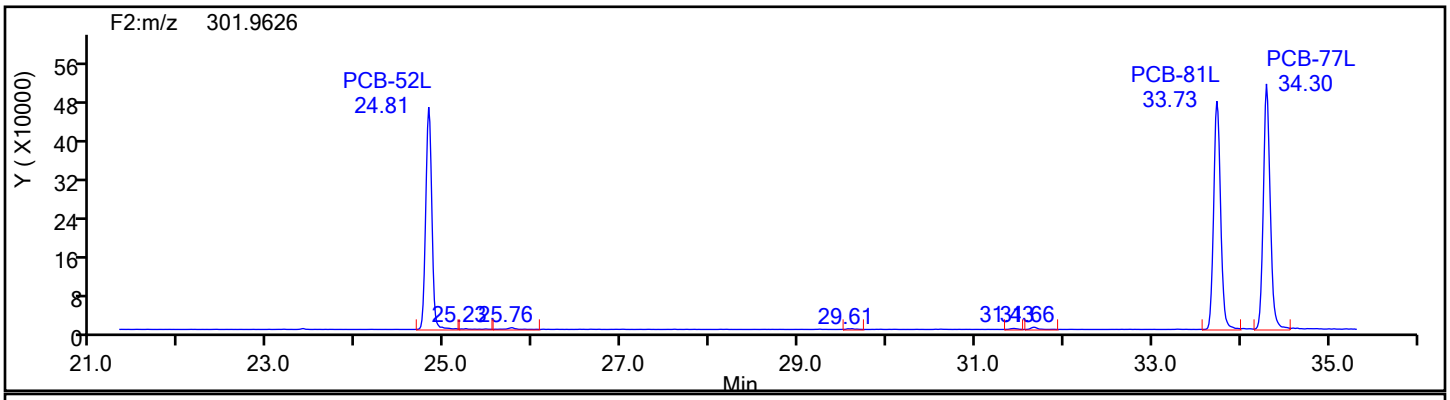
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

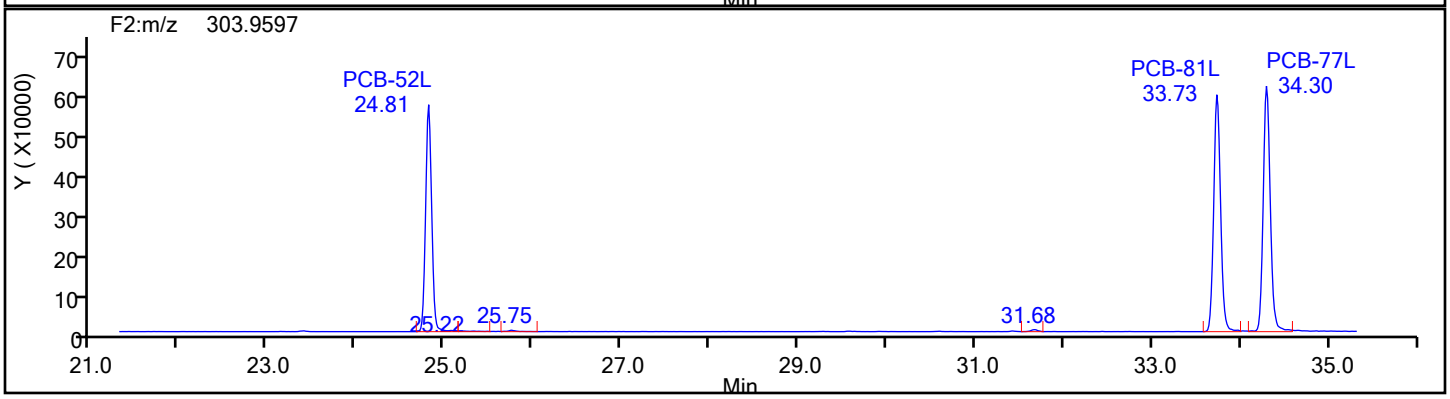
TePCB F2





TePCB F2 Standards



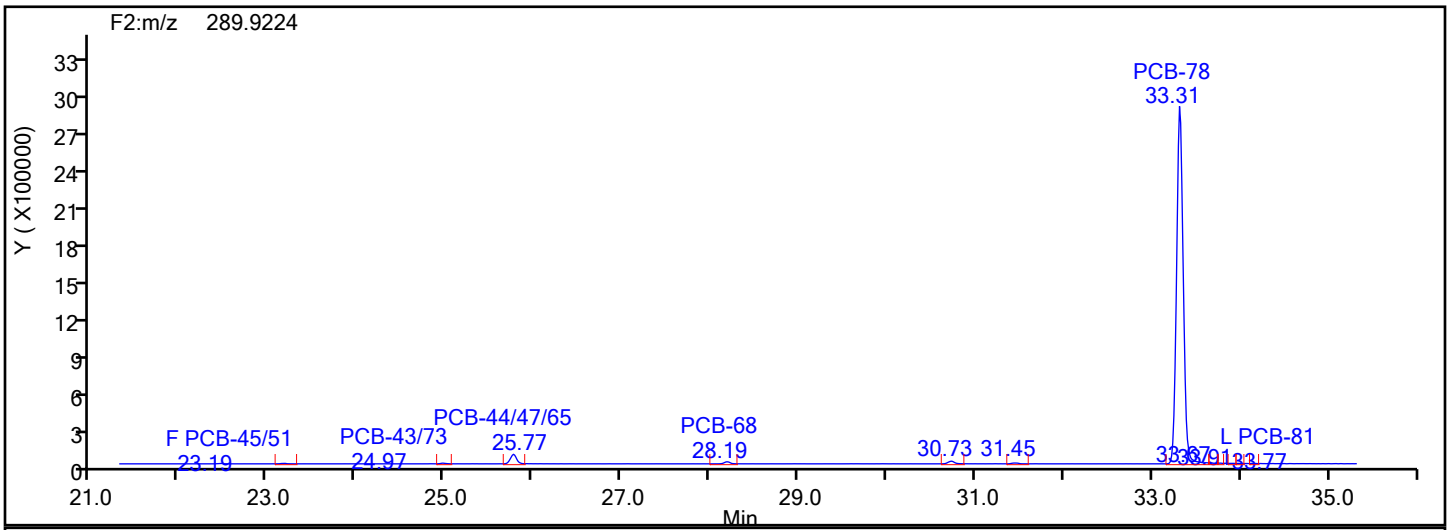


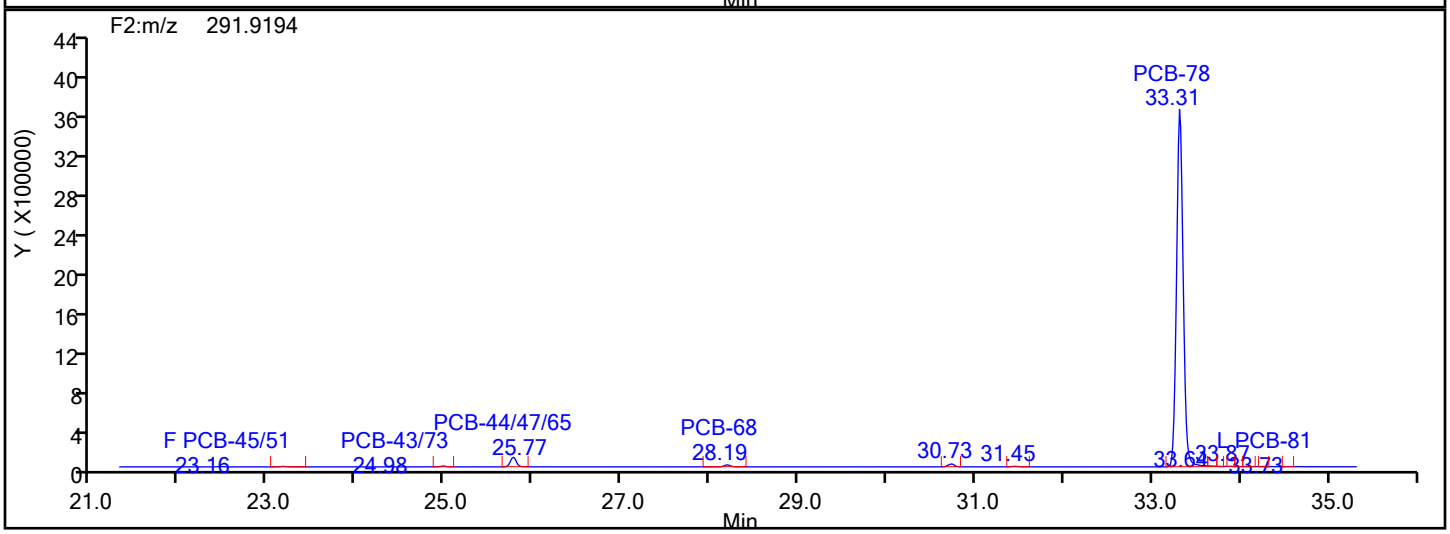
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

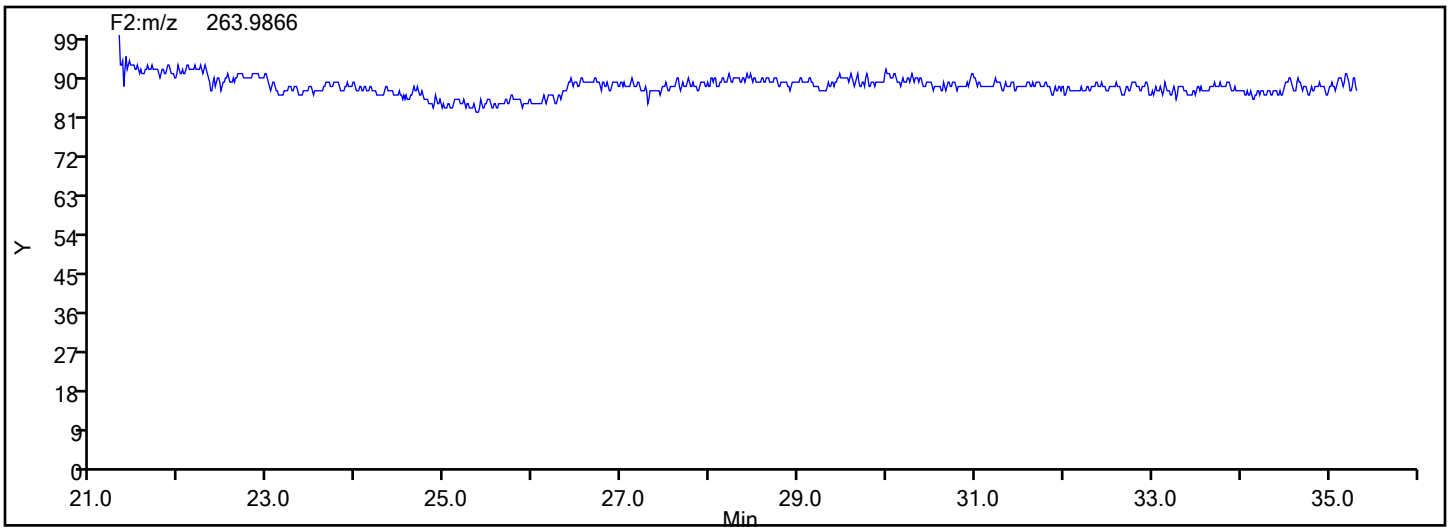
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Injection Date: 04-Jan-2024 19:07:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-01
Worklist#: 82009 Sample Line#: 11
Column Type: Column Dia:

TePCB F2





TePCB F2 Lock Mass



Eurofins Knoxville

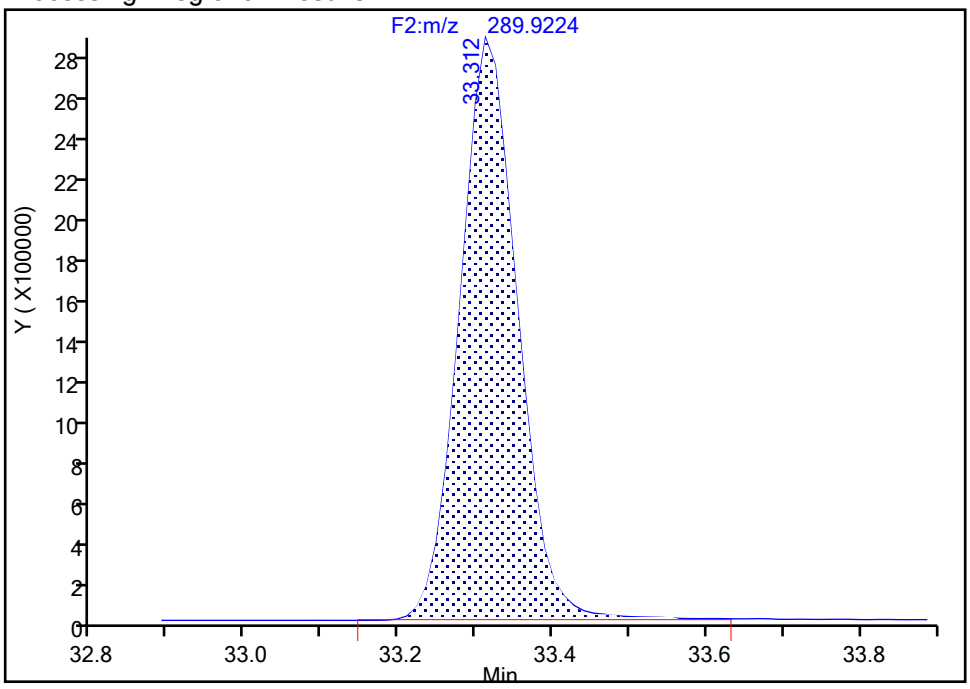
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-78, CAS: 70362-49-1

Signal: 1

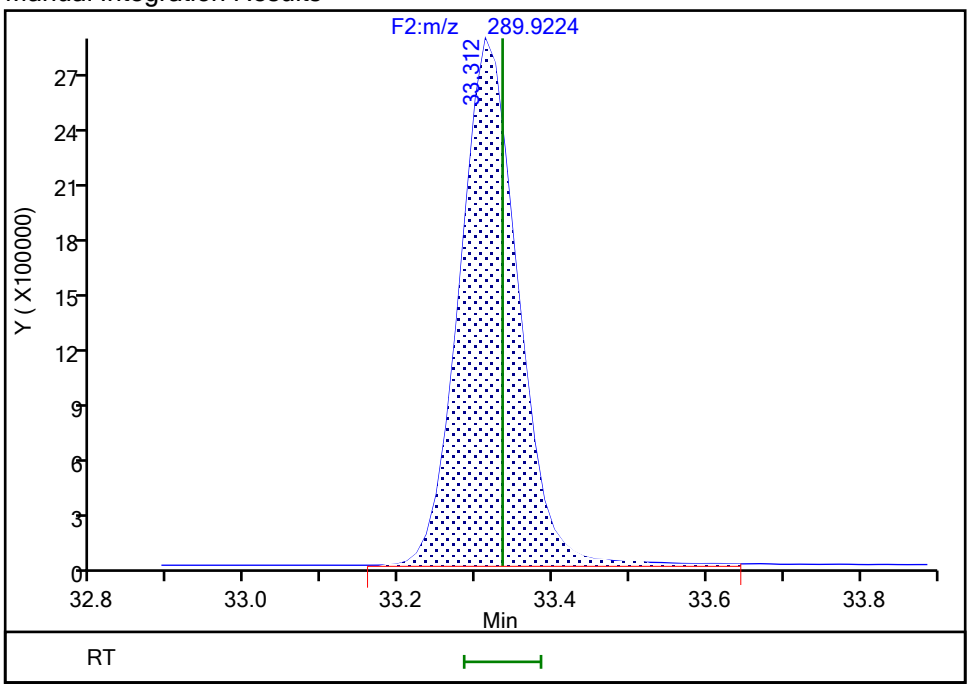
Processing Integration Results

RT: 33.31
Area: 14950666
Amount: 462.1889
Amount Units: pg/ul



Manual Integration Results

RT: 33.31
Area: 15070957
Amount: 463.8204
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:58:45 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

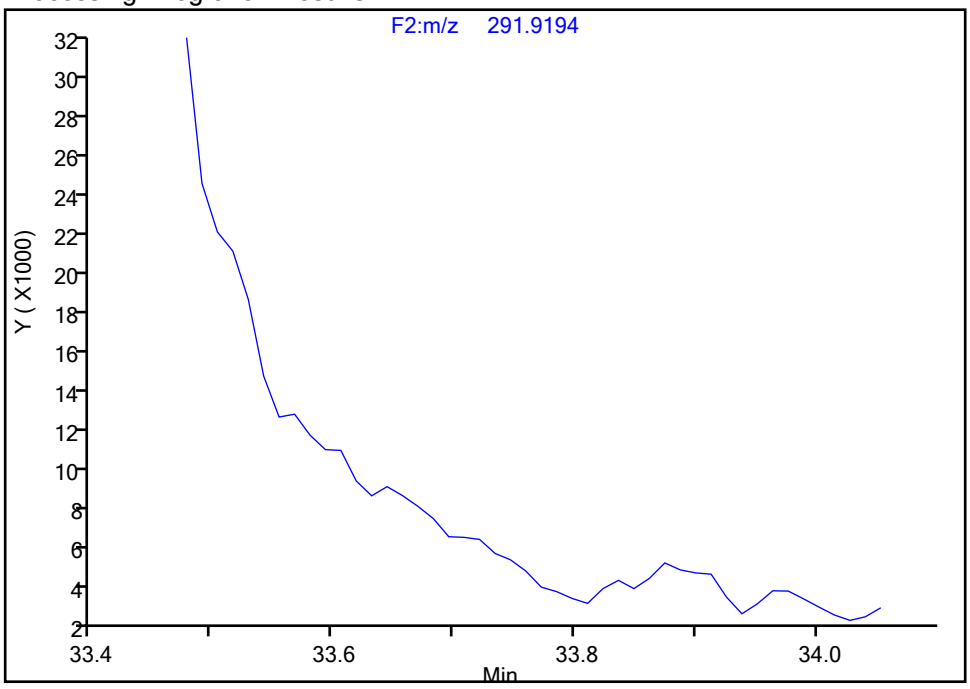
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 2

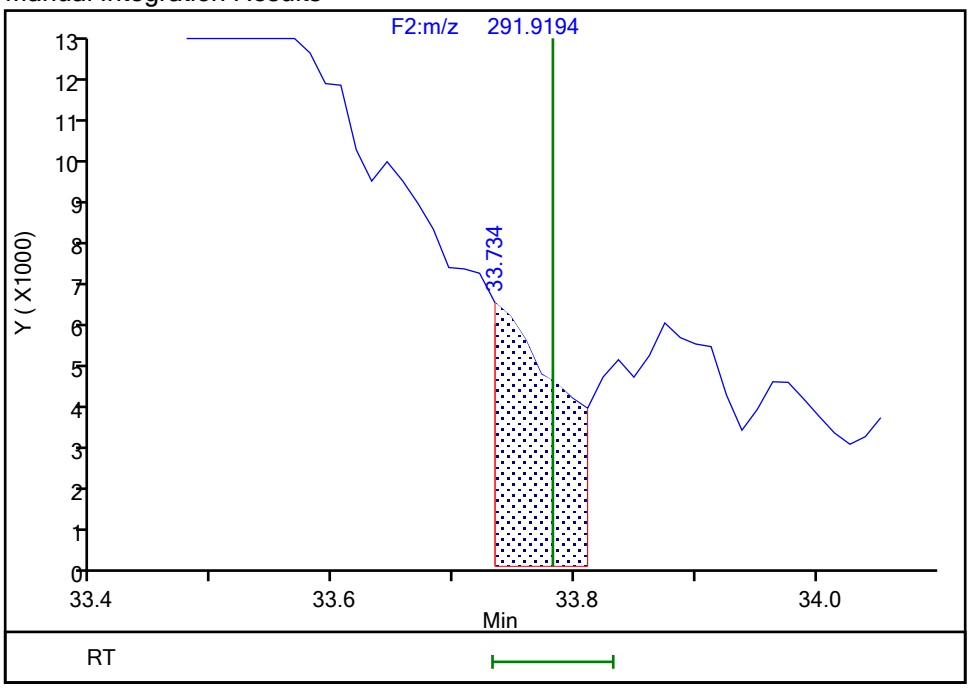
Not Detected
Expected RT: 33.78

Processing Integration Results



Manual Integration Results

RT: 33.73
Area: 22153
Amount: 0.678881
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 00:58:59 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

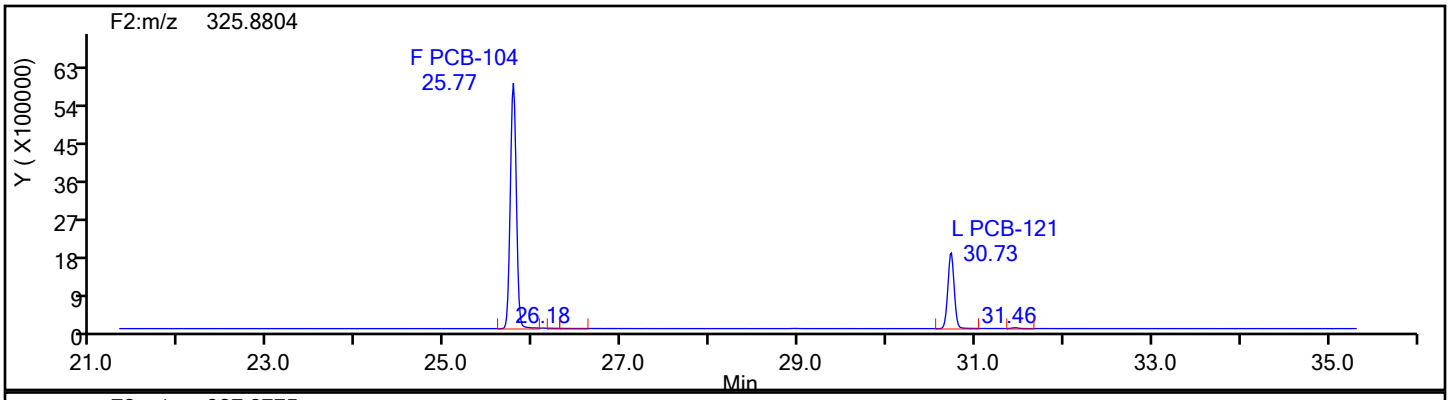
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

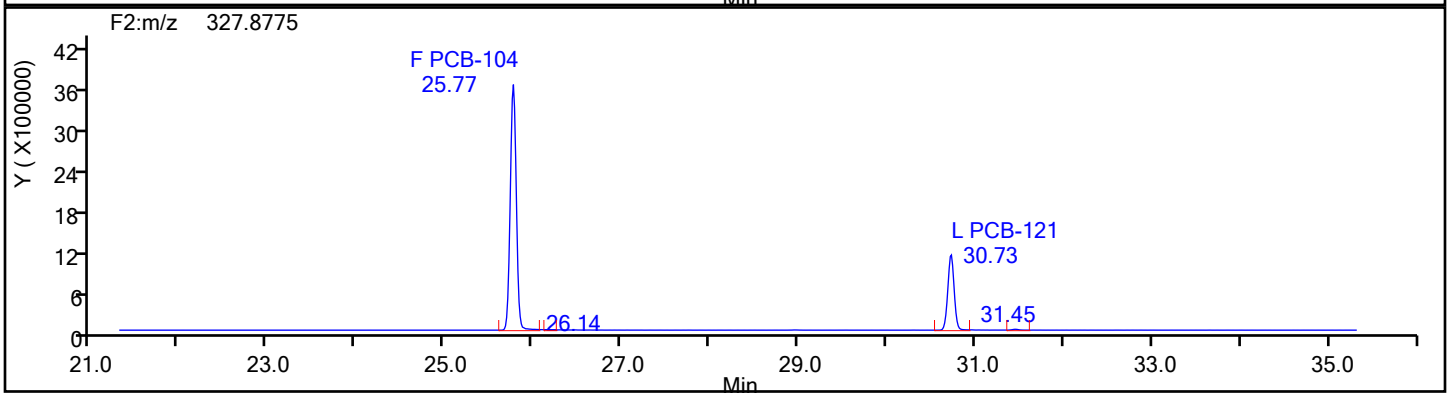
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

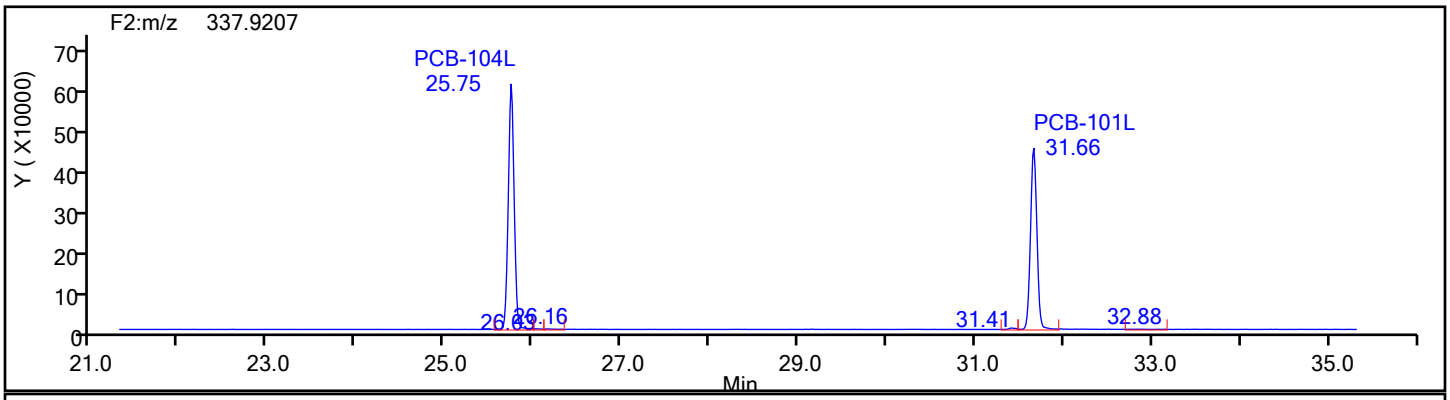
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

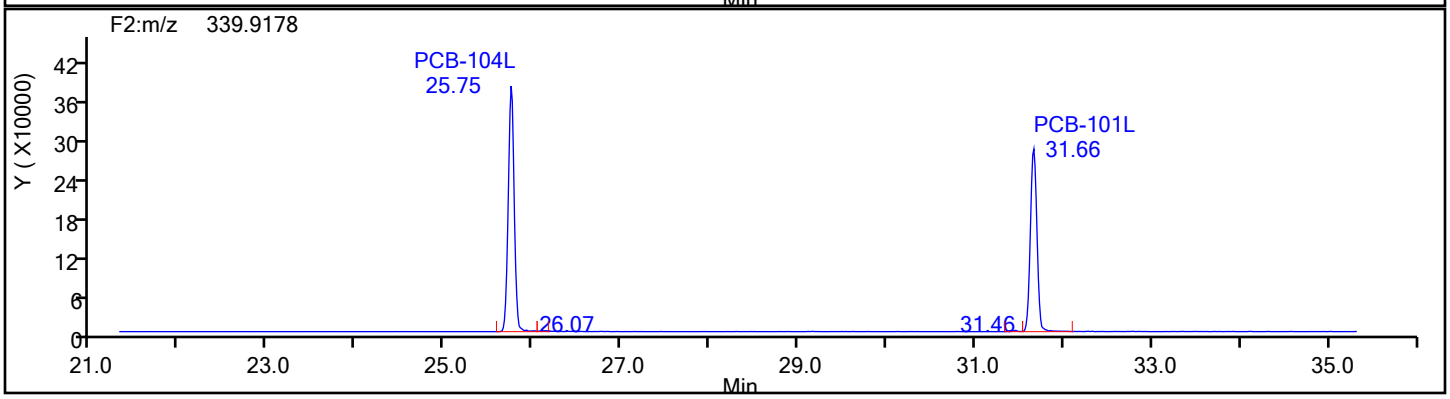
PePCB F2





PePCB F2 Standards



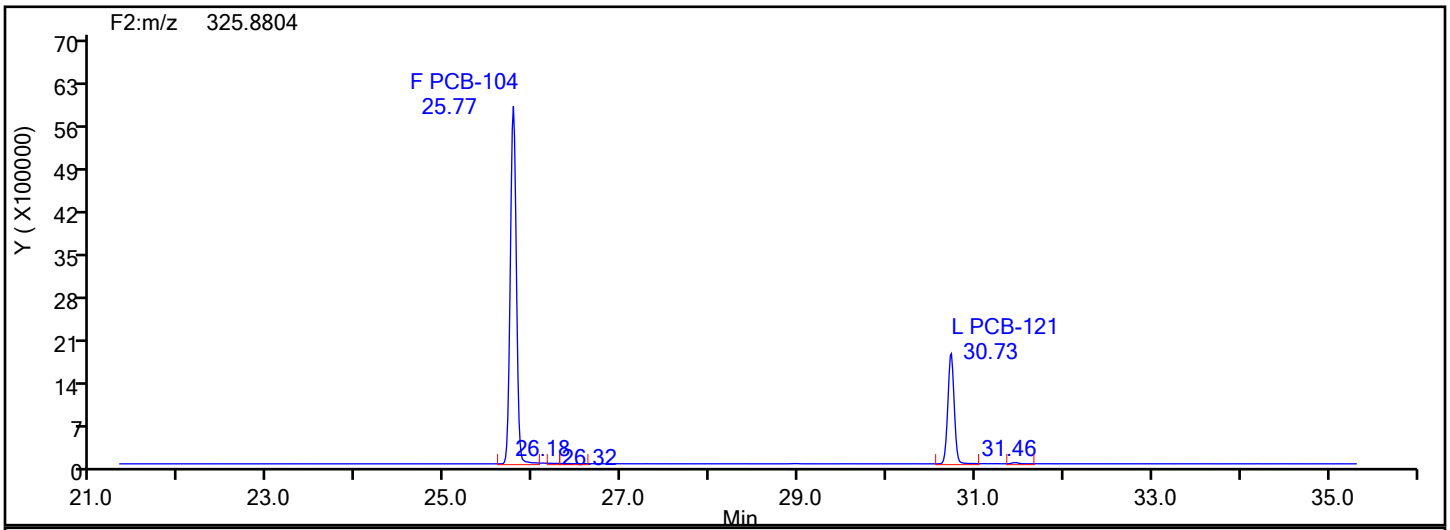


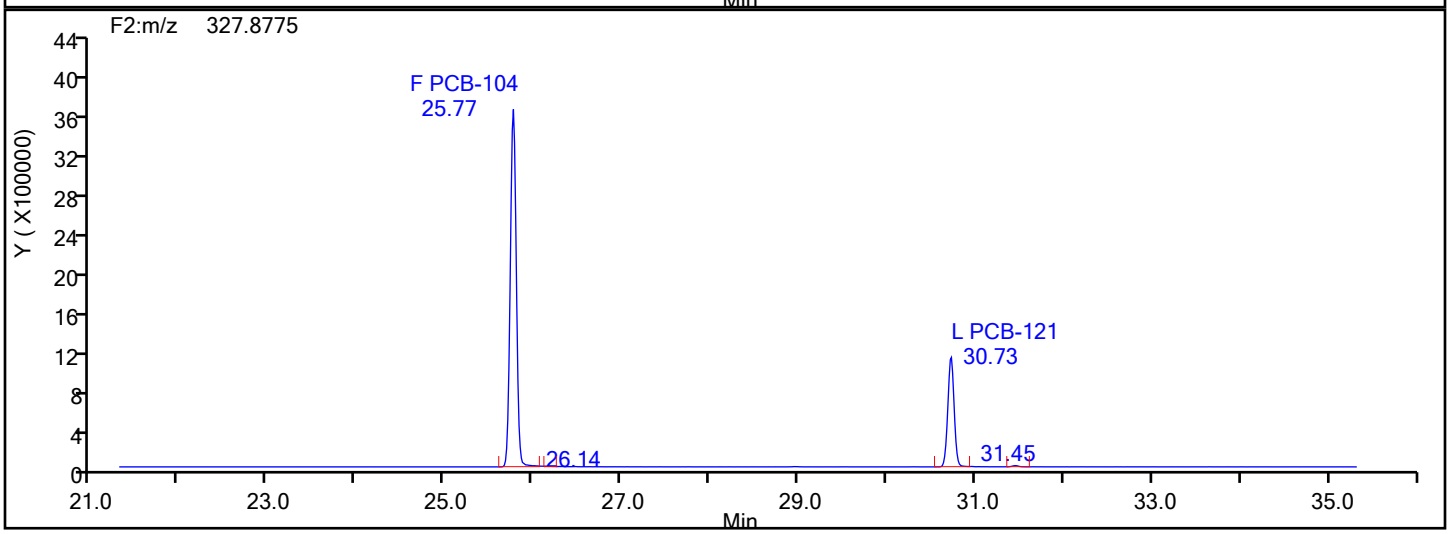
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

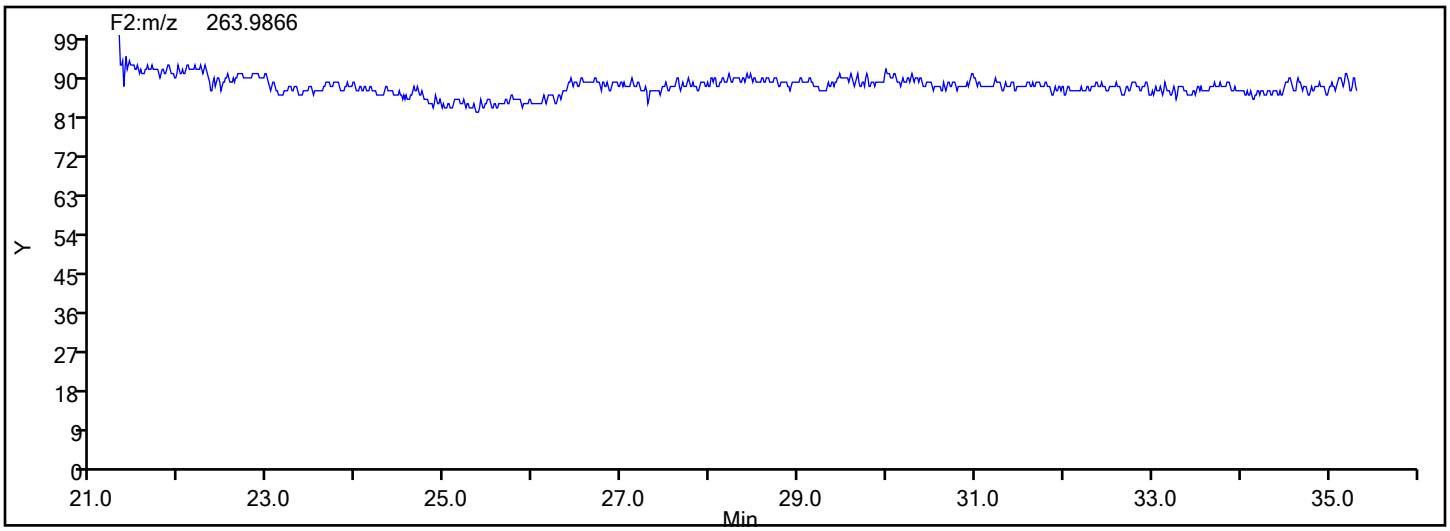
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



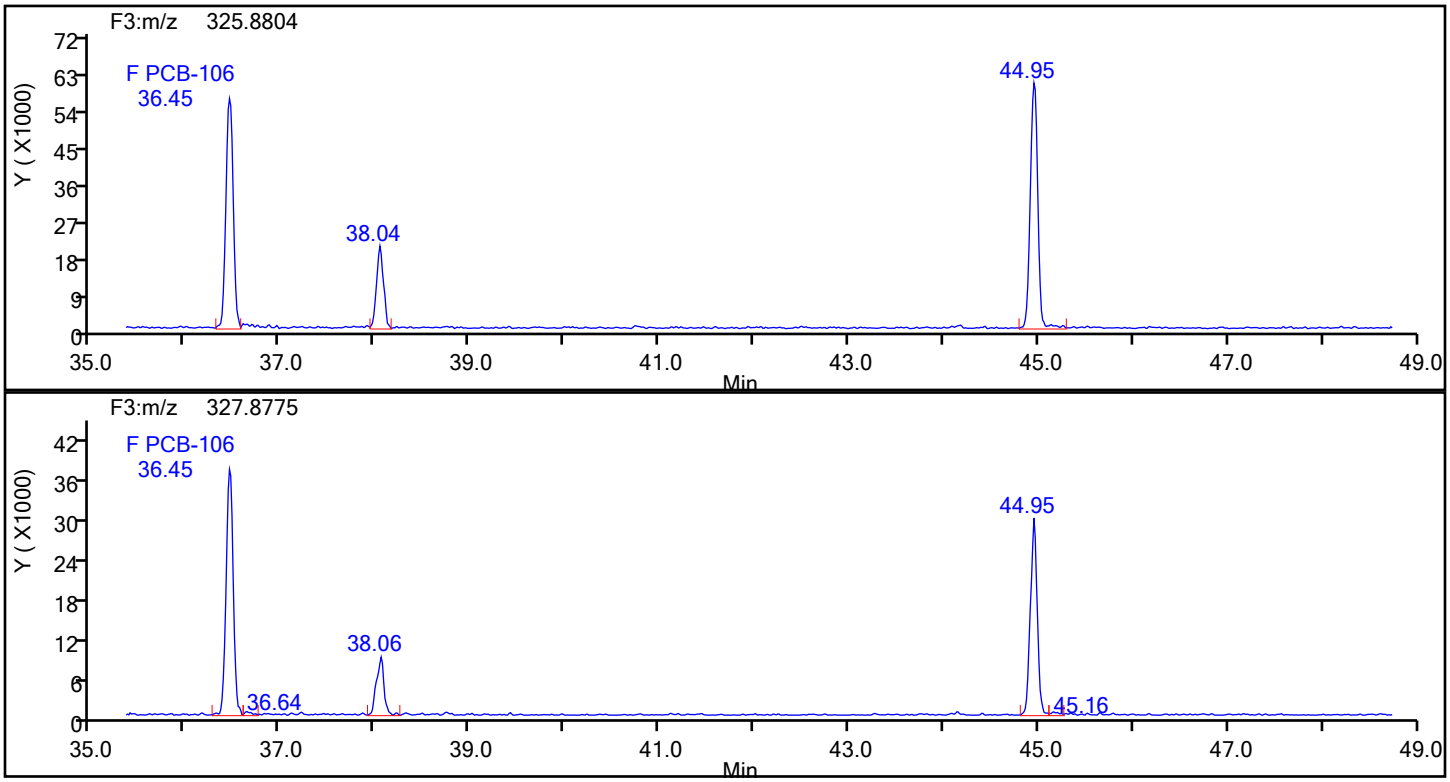
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

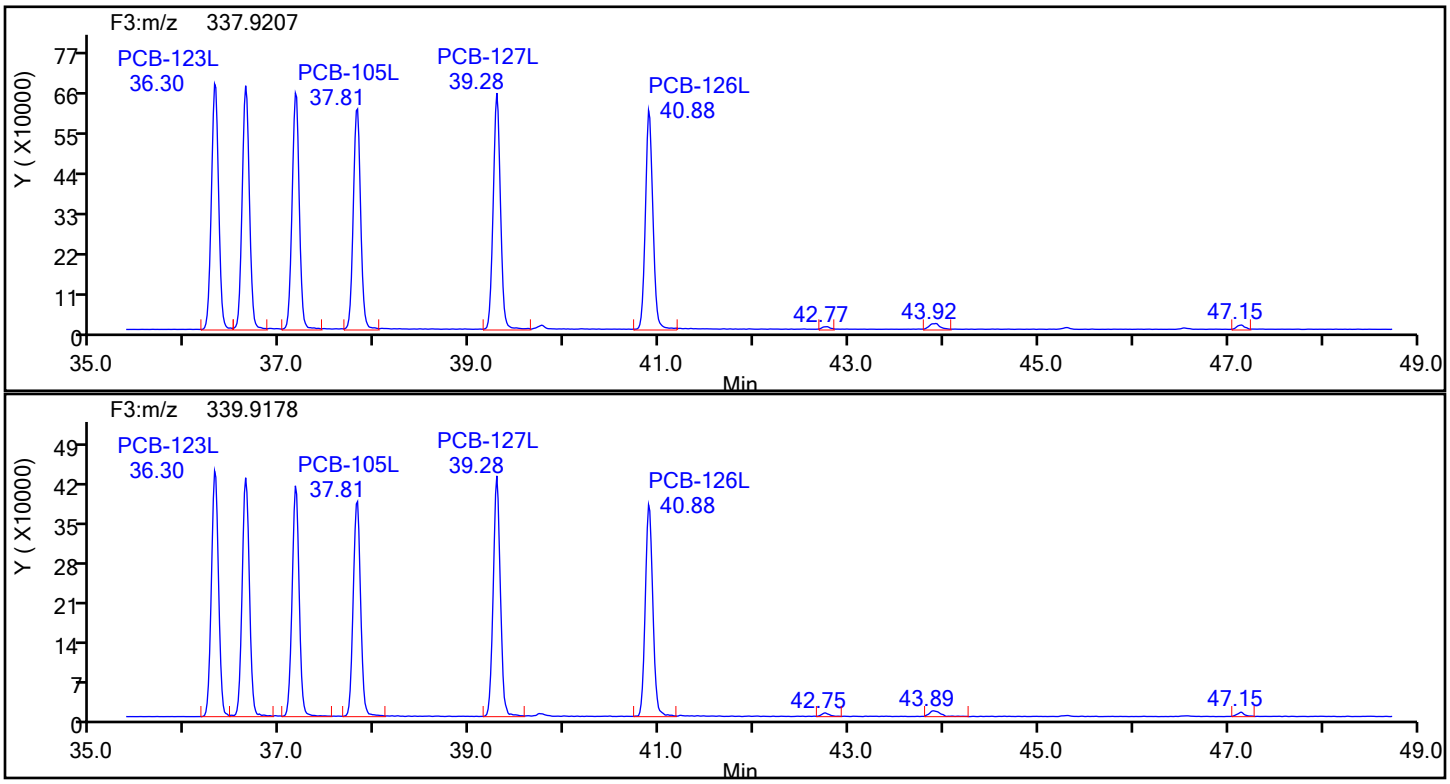
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards

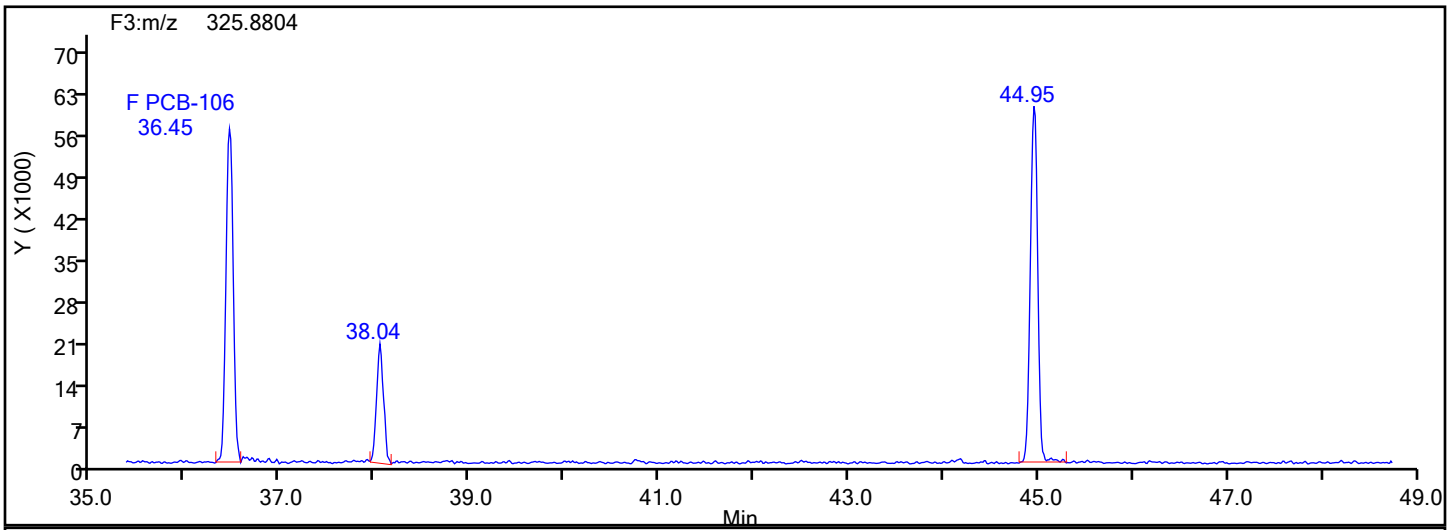


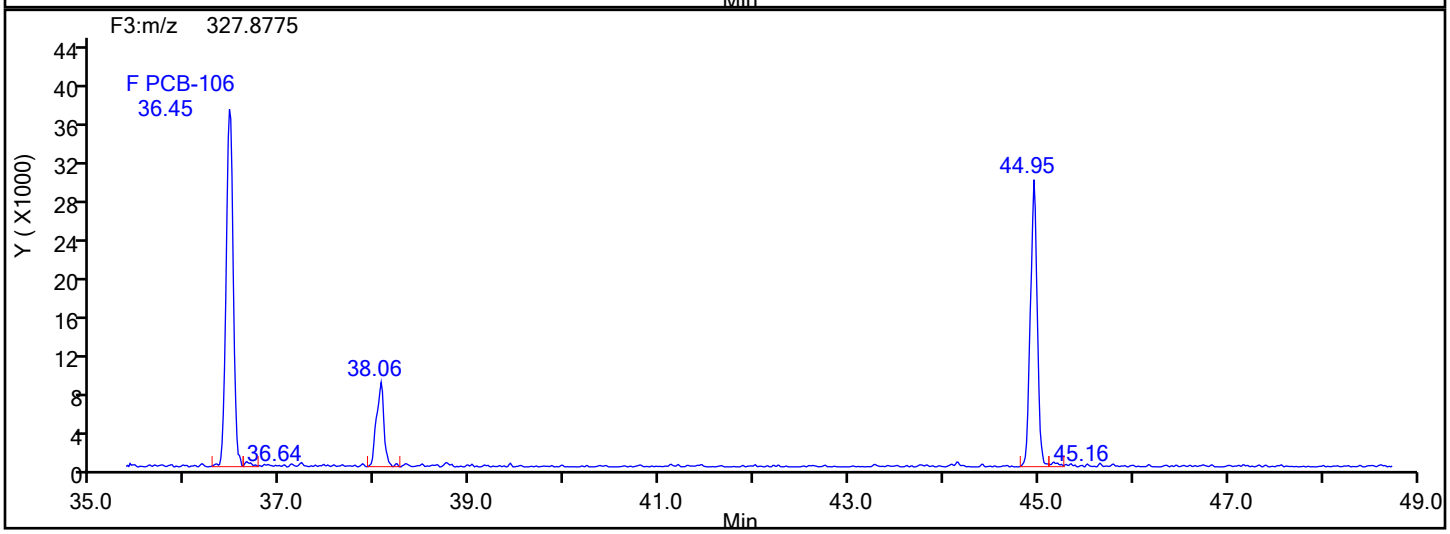
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

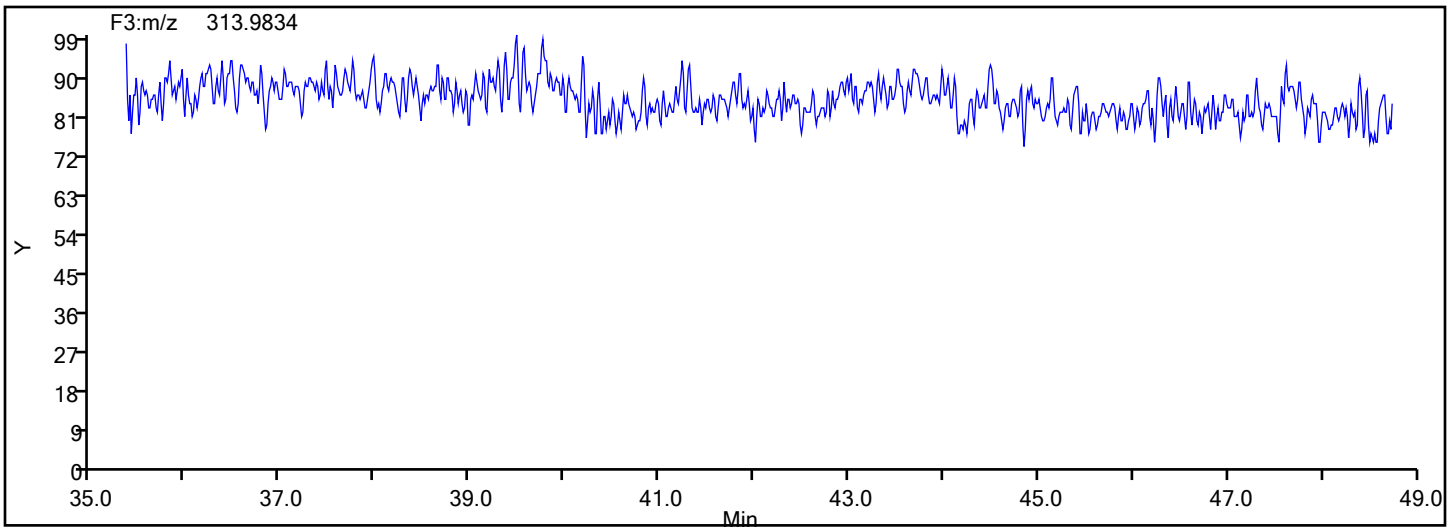
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



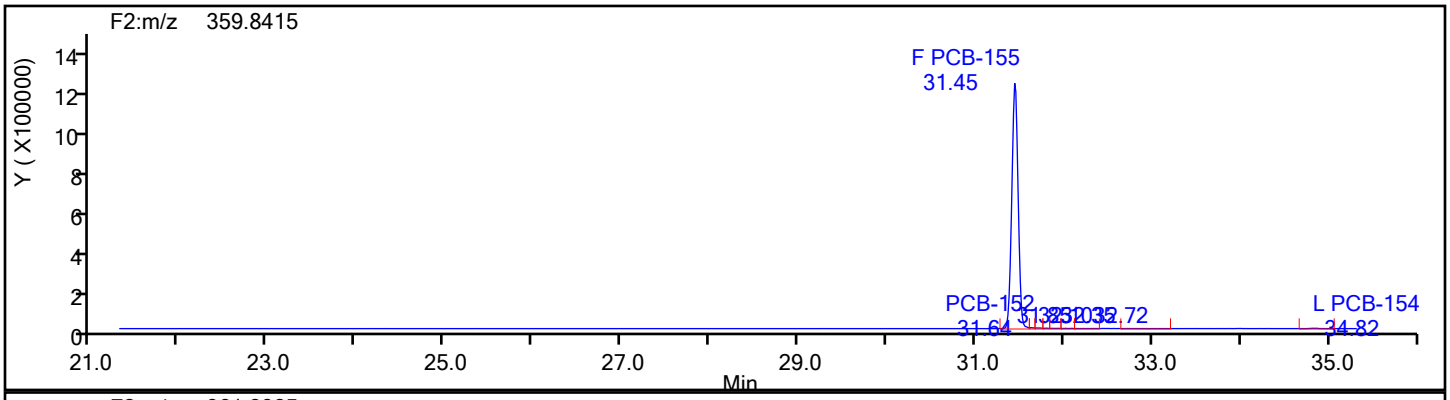
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

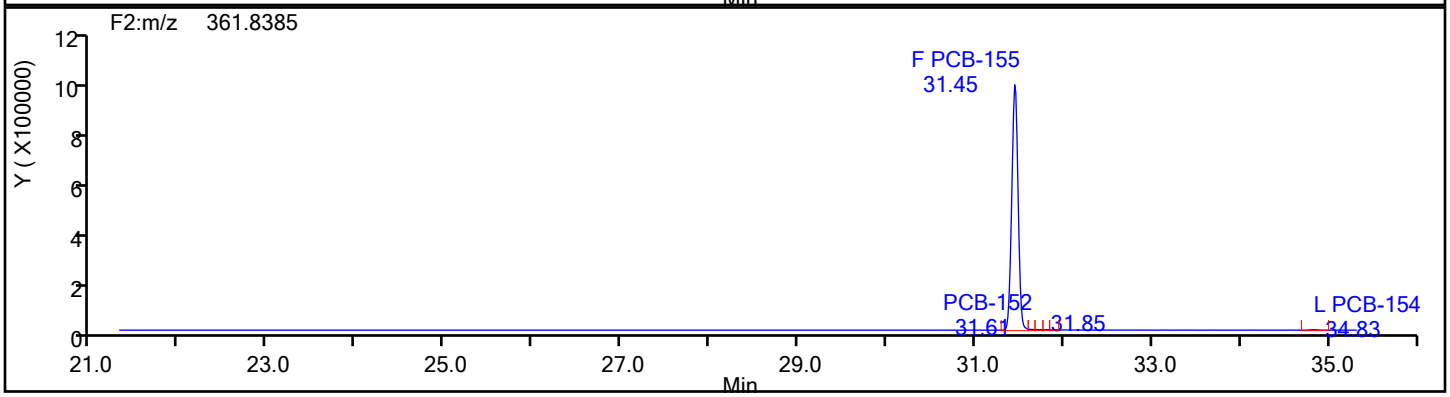
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

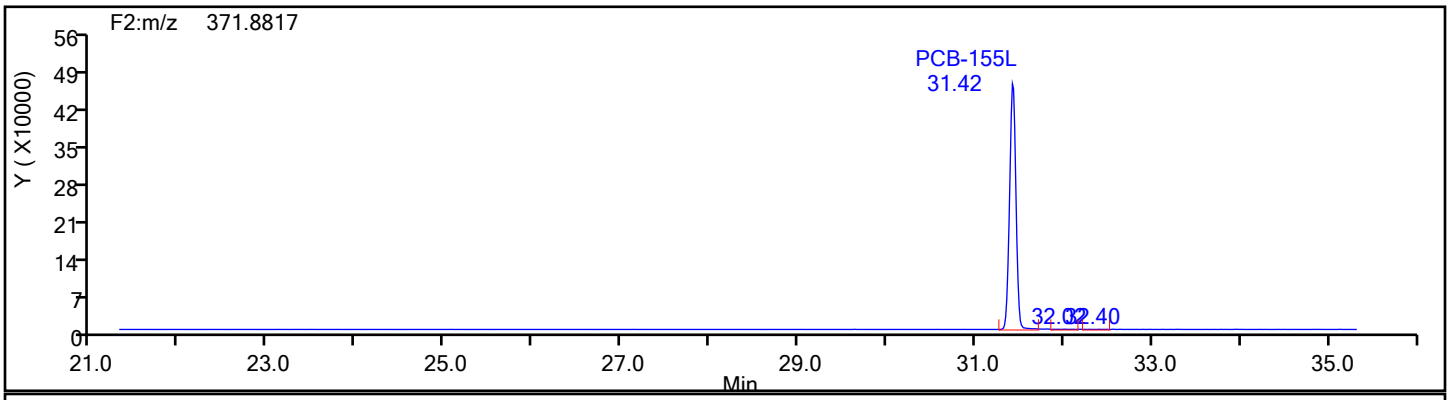
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

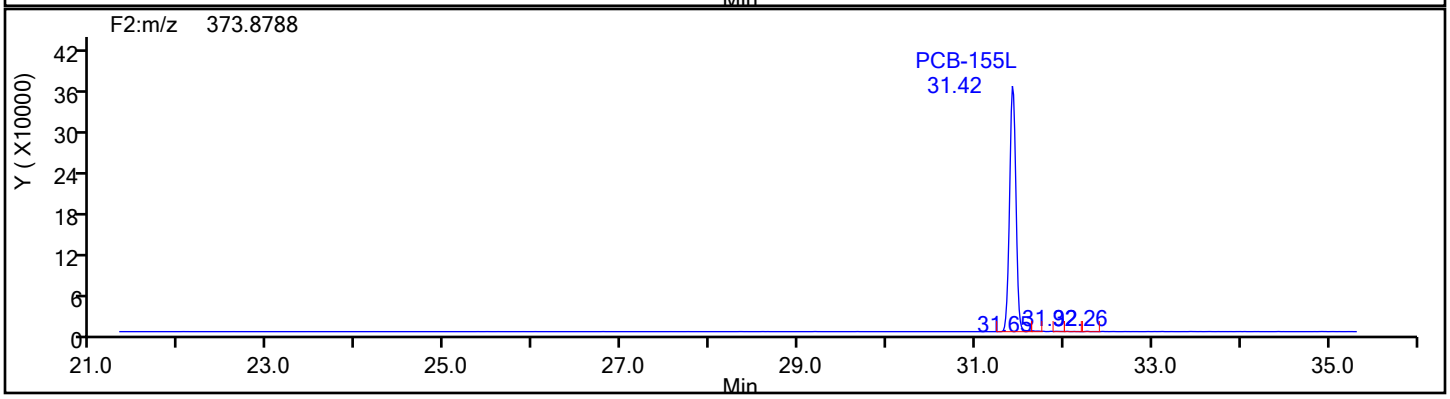
HxPCB F2





HxPCB F2 Standards



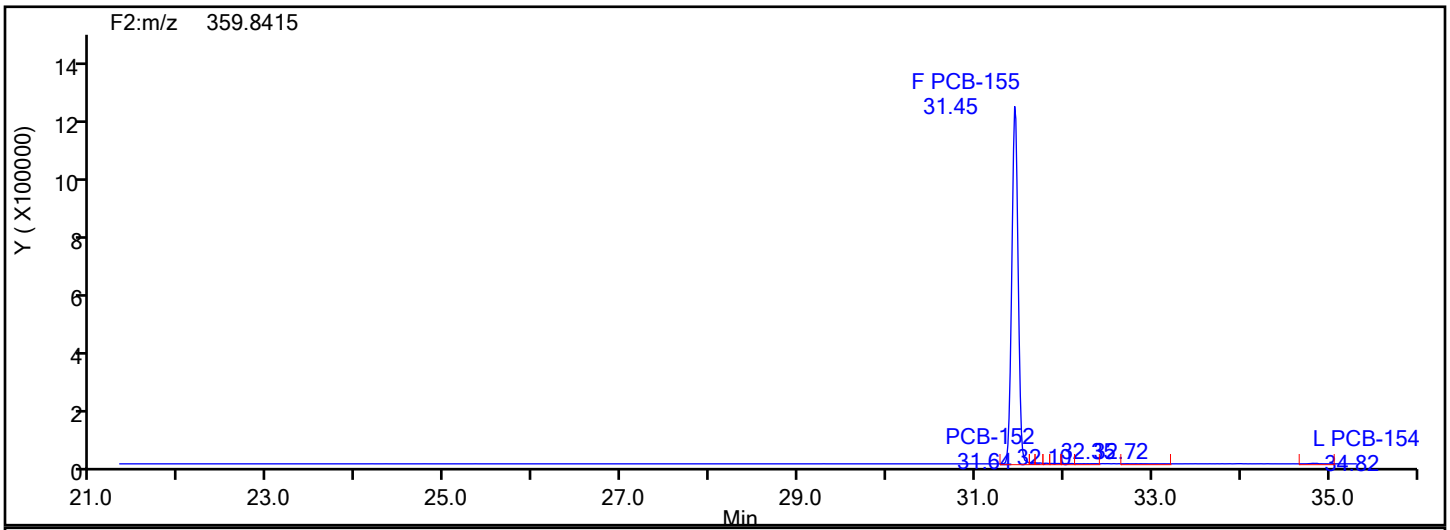


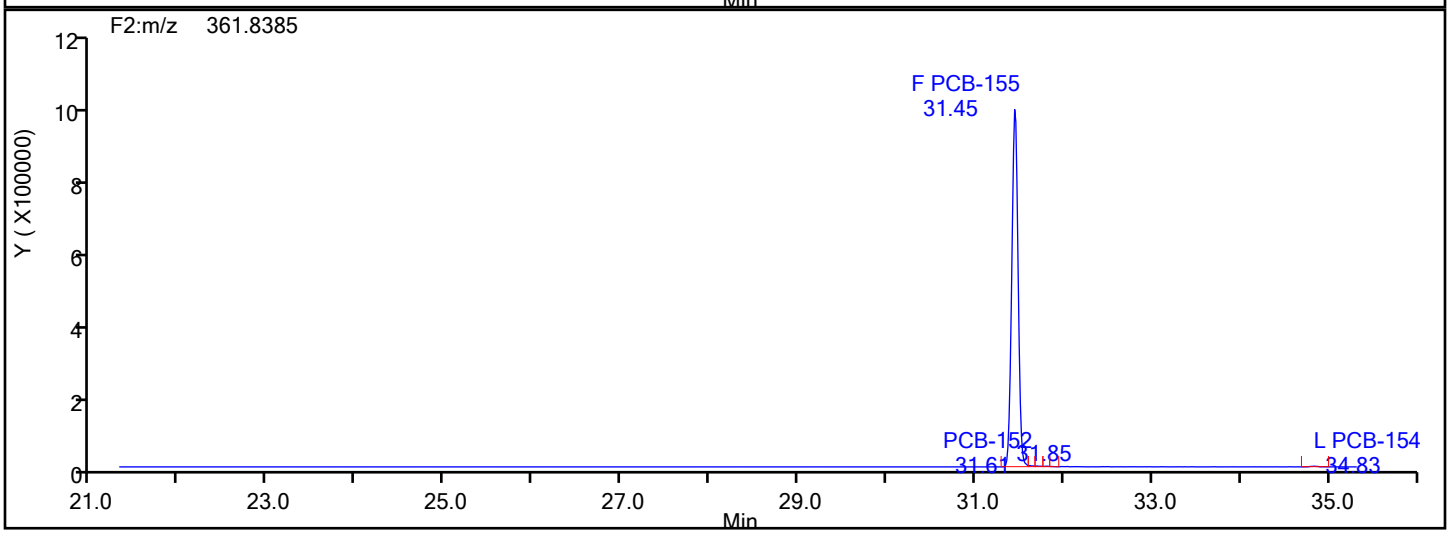
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

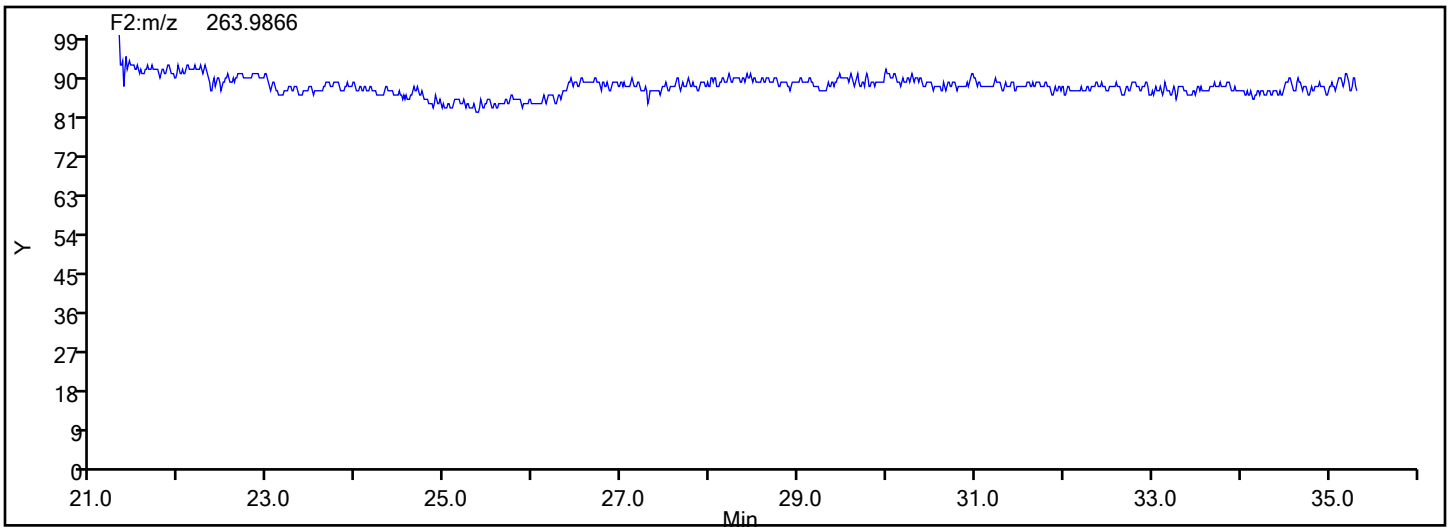
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

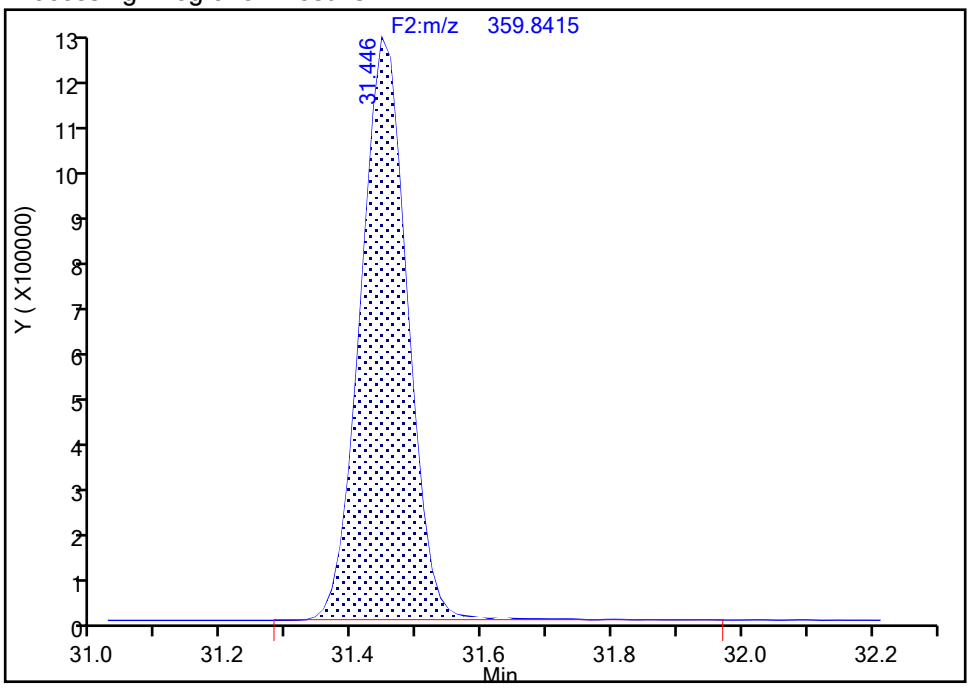
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 1

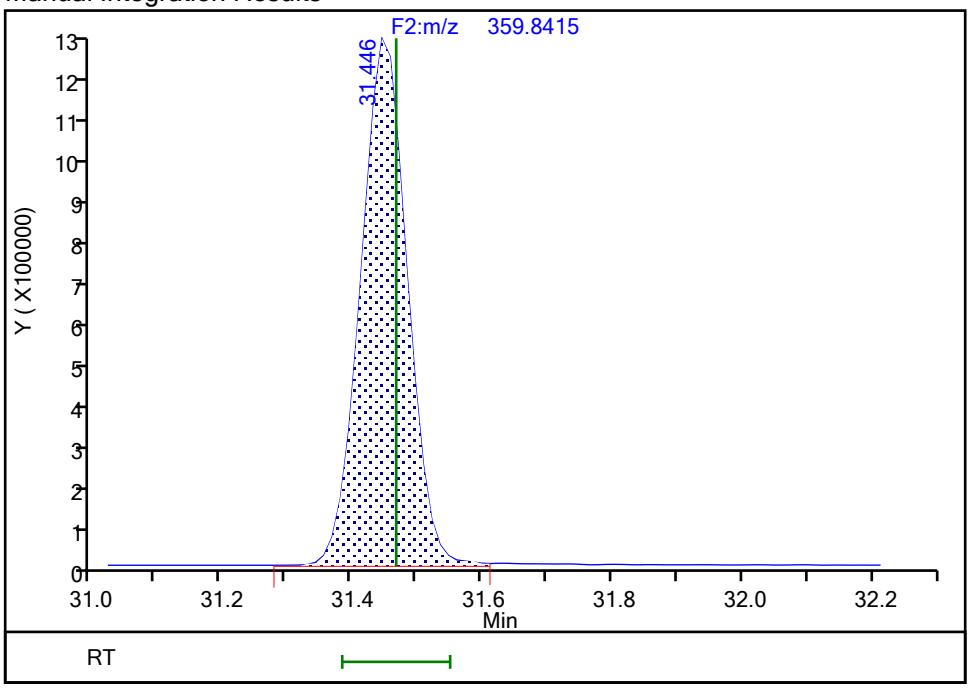
Processing Integration Results

RT: 31.45
Area: 6237322
Amount: 289.1436
Amount Units: pg/ul



Manual Integration Results

RT: 31.45
Area: 6190714
Amount: 287.5951
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:00:44 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

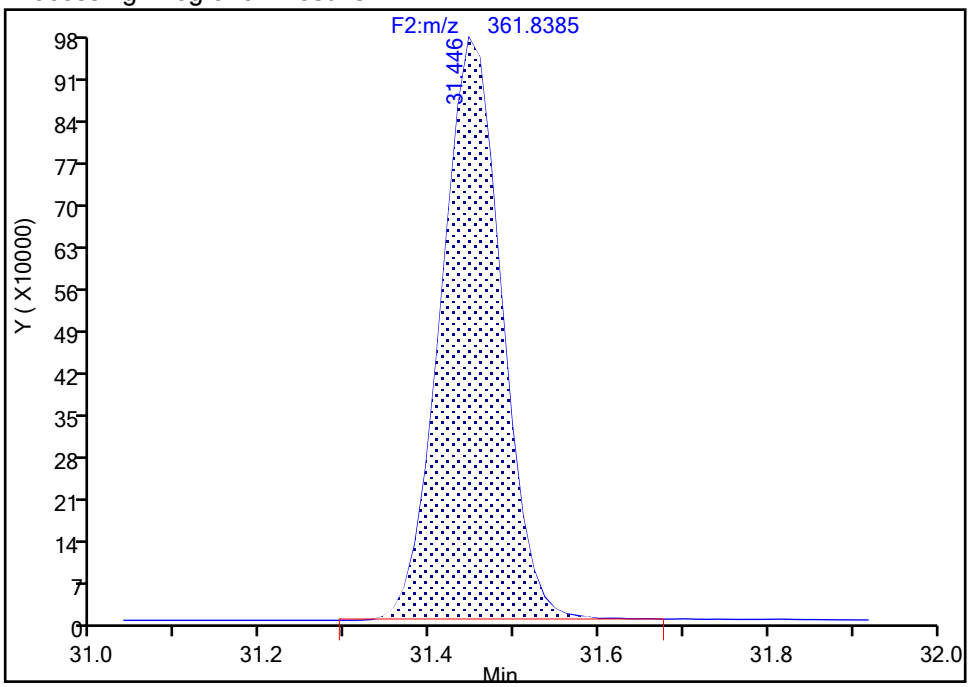
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 2

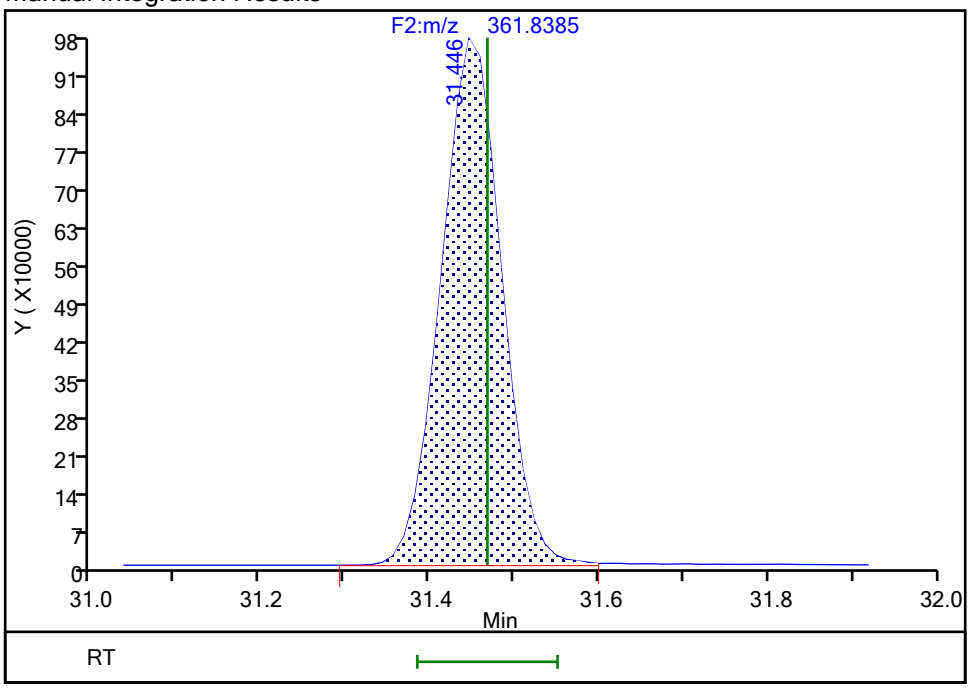
Processing Integration Results

RT: 31.45
Area: 4876960
Amount: 289.1436
Amount Units: pg/ul



Manual Integration Results

RT: 31.45
Area: 4864046
Amount: 287.5951
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:00:51 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

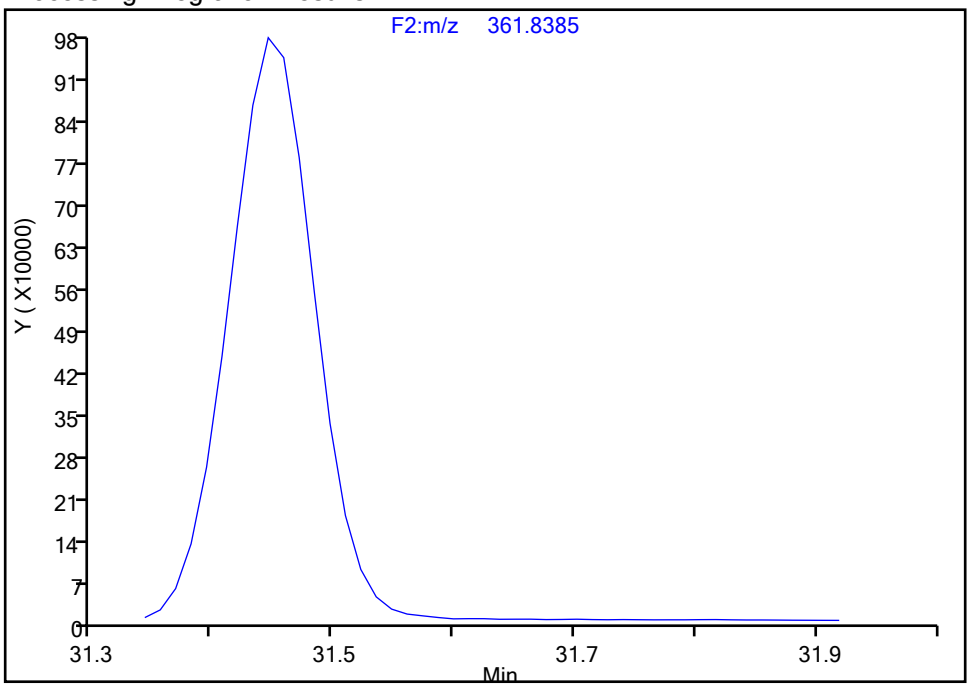
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 2

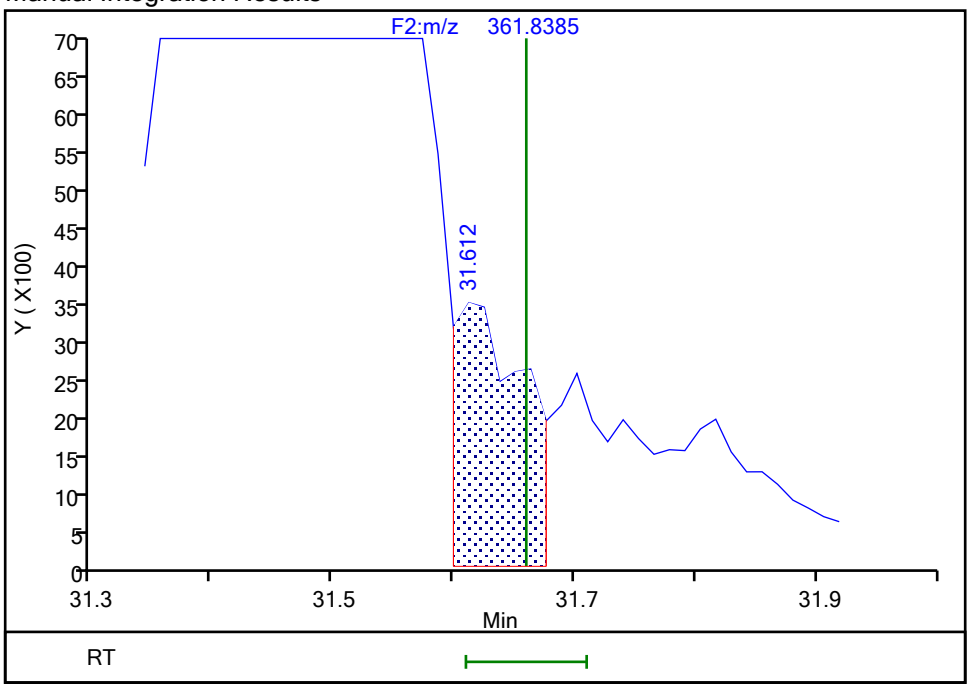
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.61
Area: 12913
Amount: 0.615091
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:00:51 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

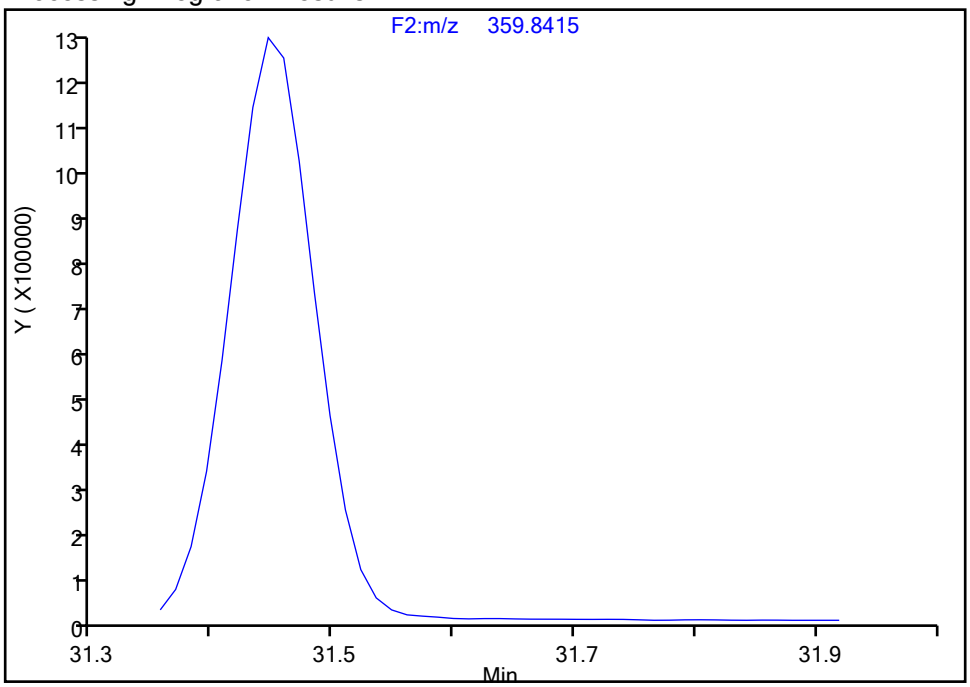
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

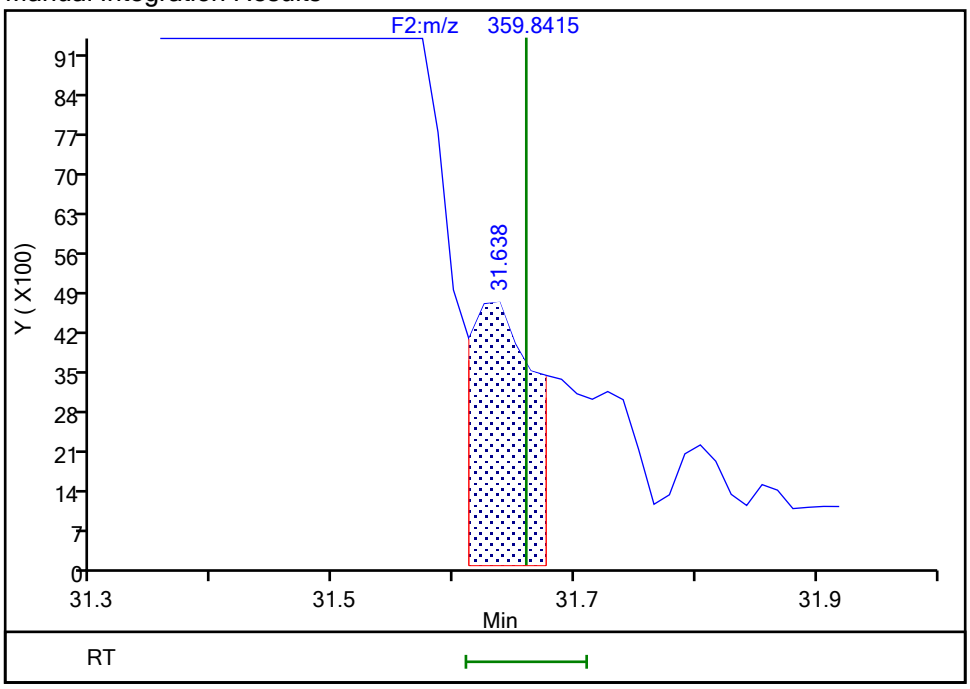
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.64
Area: 15702
Amount: 0.615091
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:01:03 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

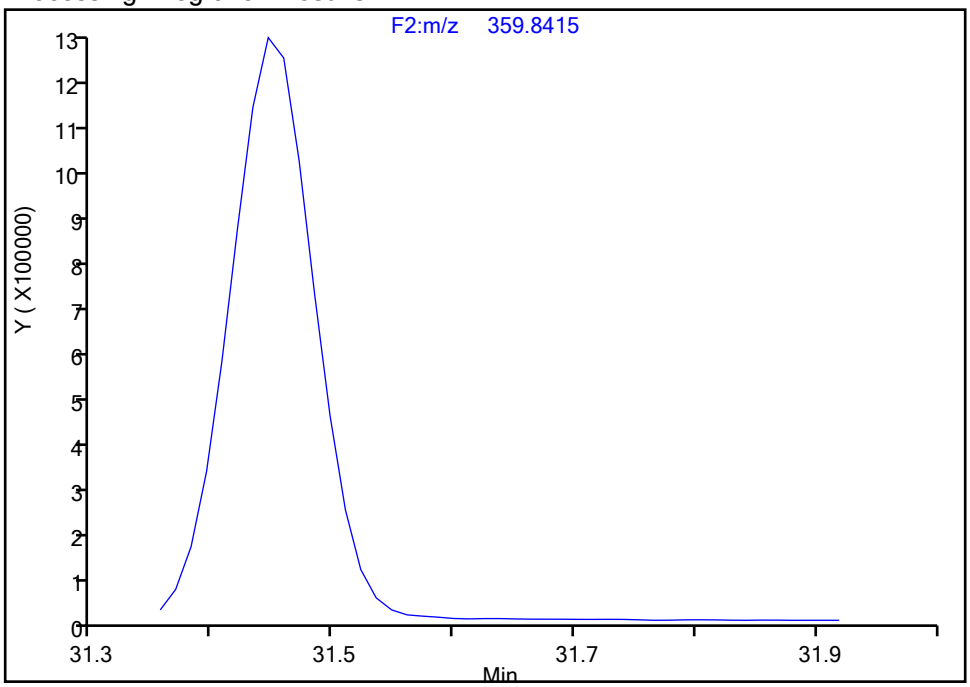
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

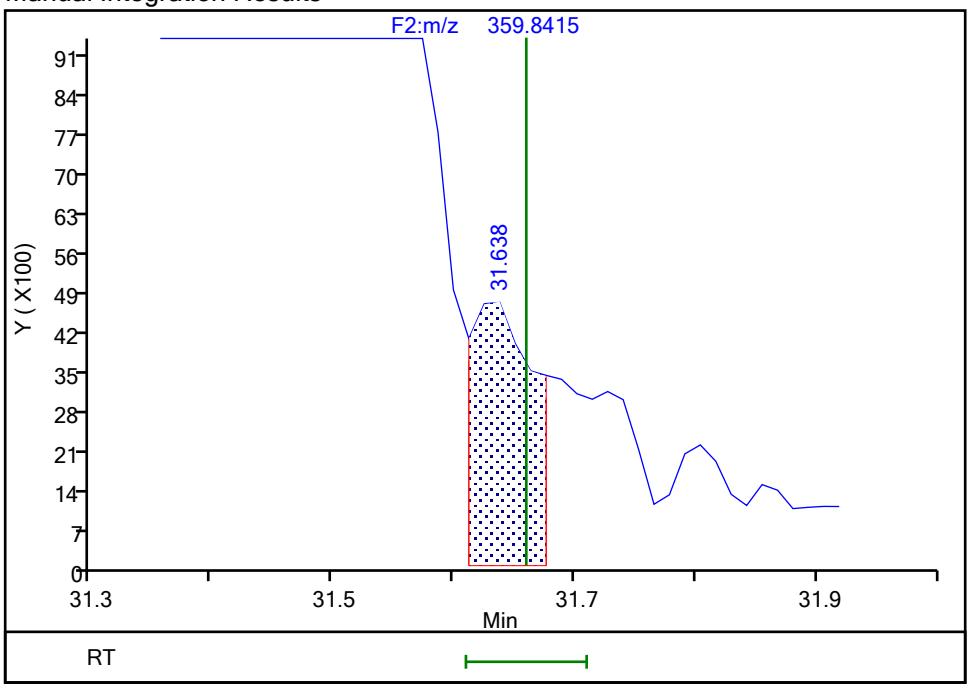
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.64
Area: 15702
Amount: 0.615091
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:01:05 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

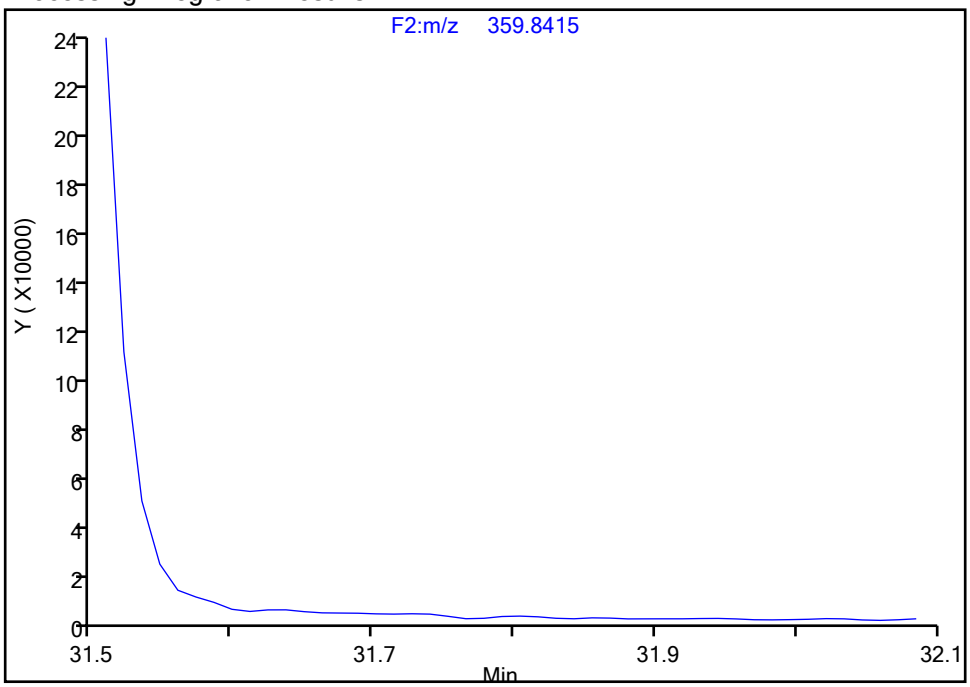
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-150, CAS: 68194-08-1

Signal: 1

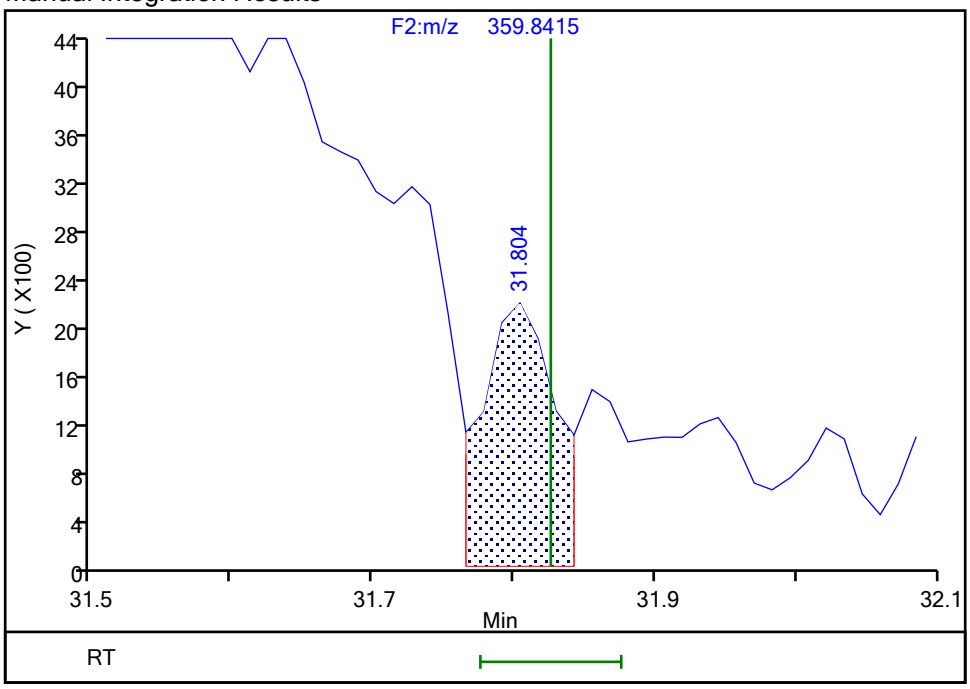
Not Detected
Expected RT: 31.83

Processing Integration Results



Manual Integration Results

RT: 31.80
Area: 7336
Amount: 0.355119
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:01:16 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

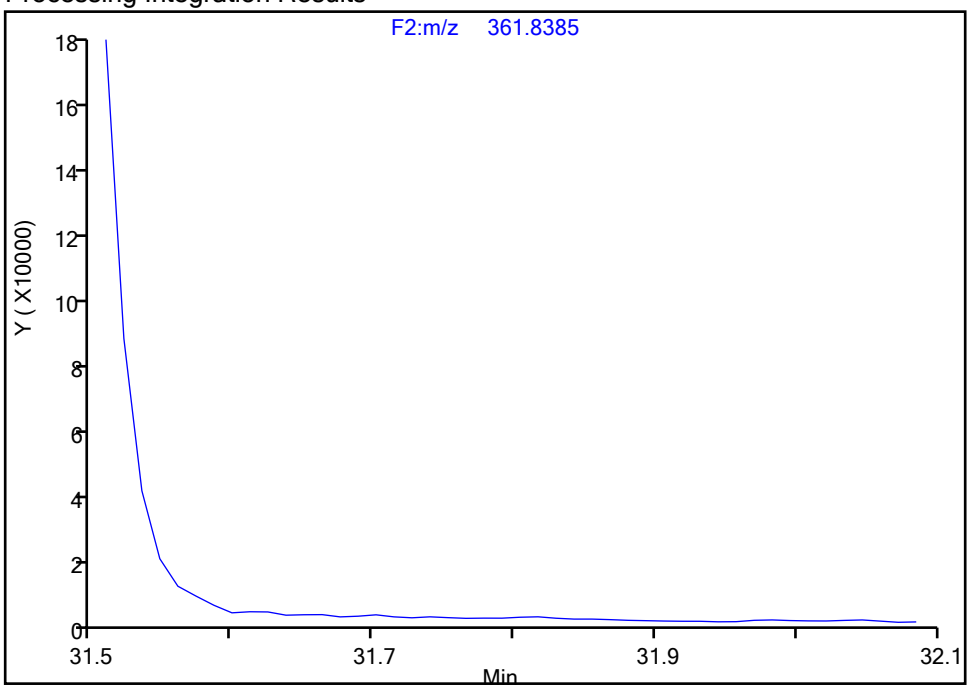
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-150, CAS: 68194-08-1

Signal: 2

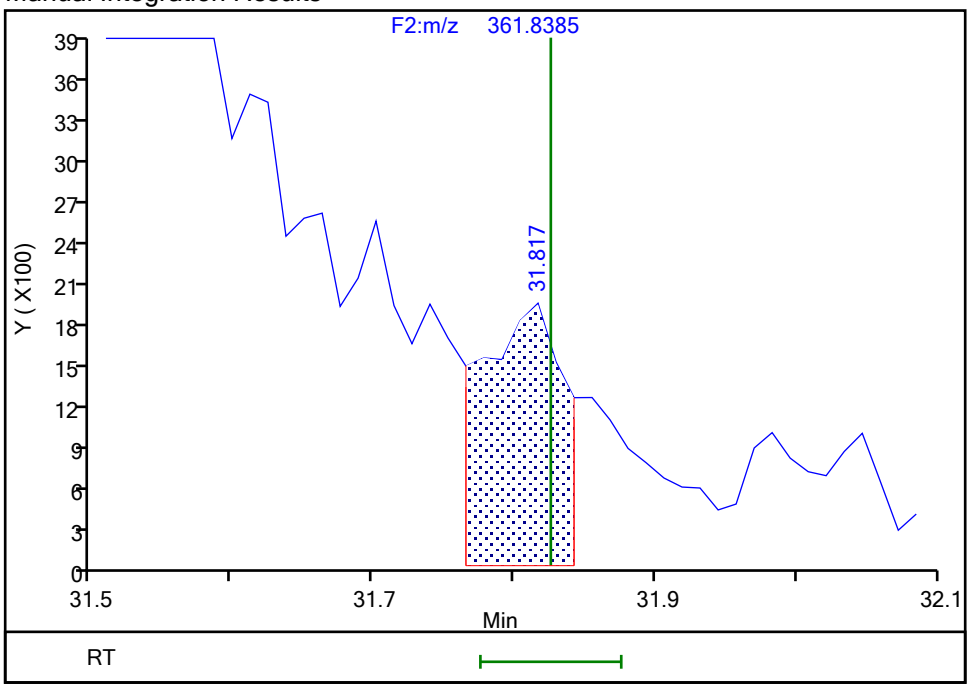
Not Detected
Expected RT: 31.83

Processing Integration Results



Manual Integration Results

RT: 31.82
Area: 7310
Amount: 0.355119
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:01:18 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

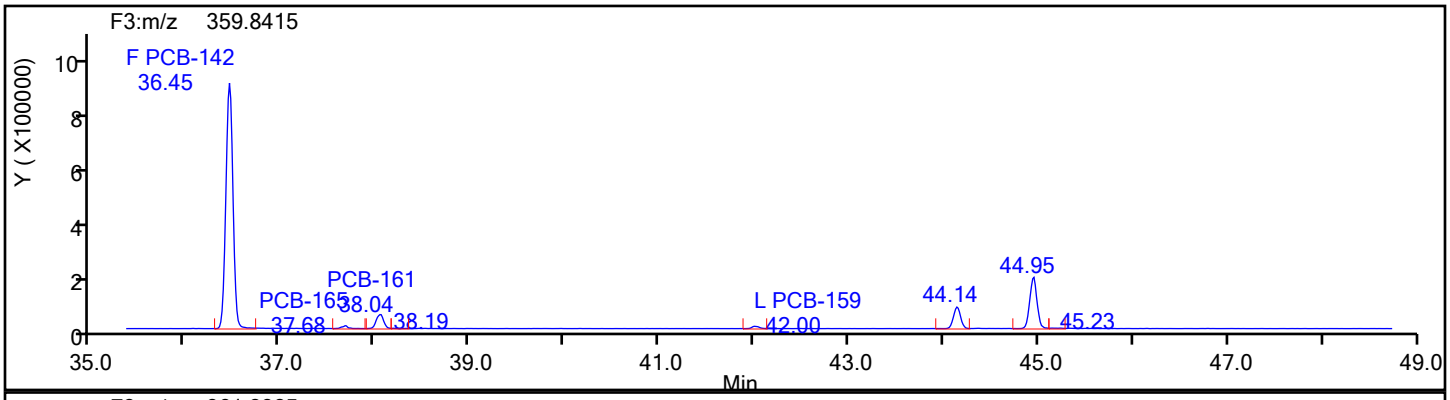
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

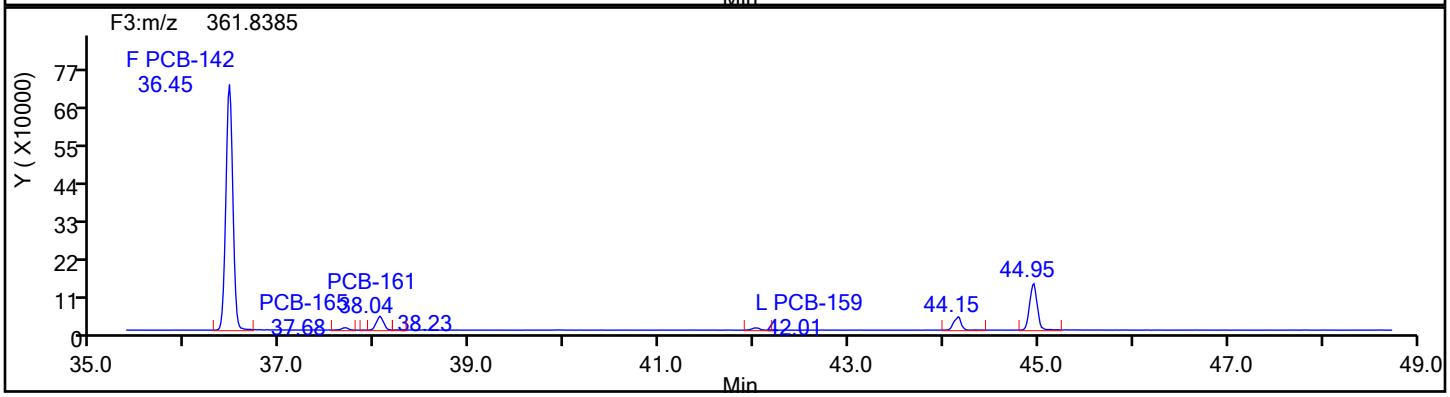
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

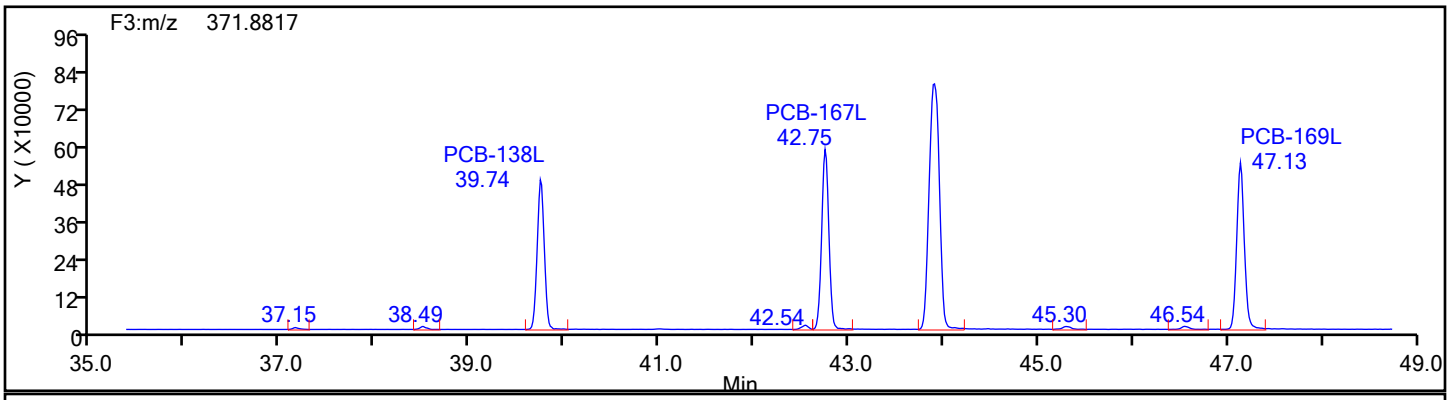
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

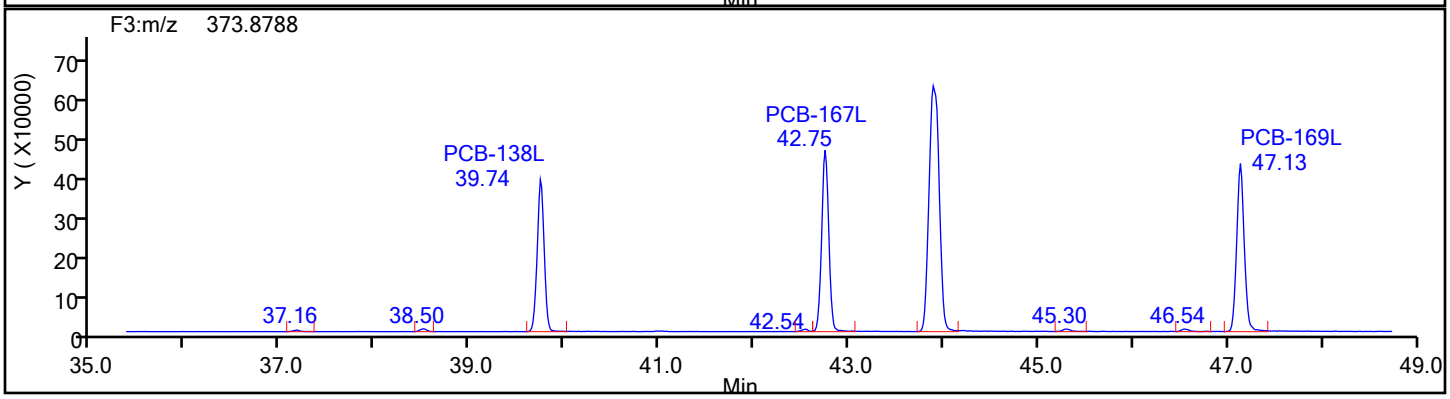
HxPCB F3





HxPCB F3 Standards



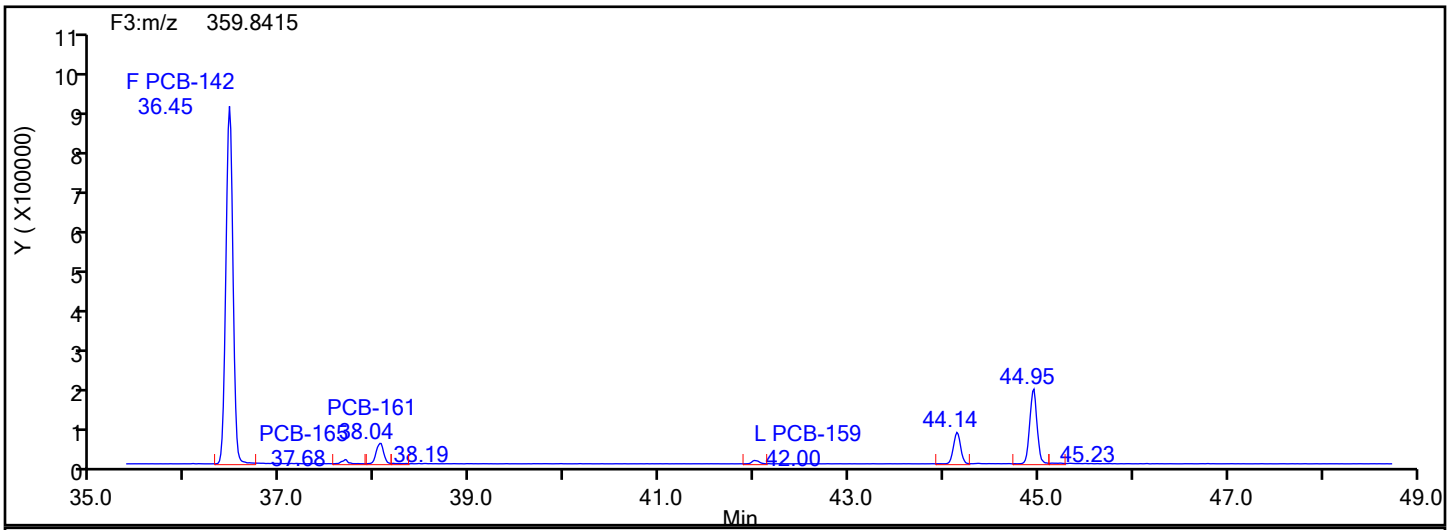


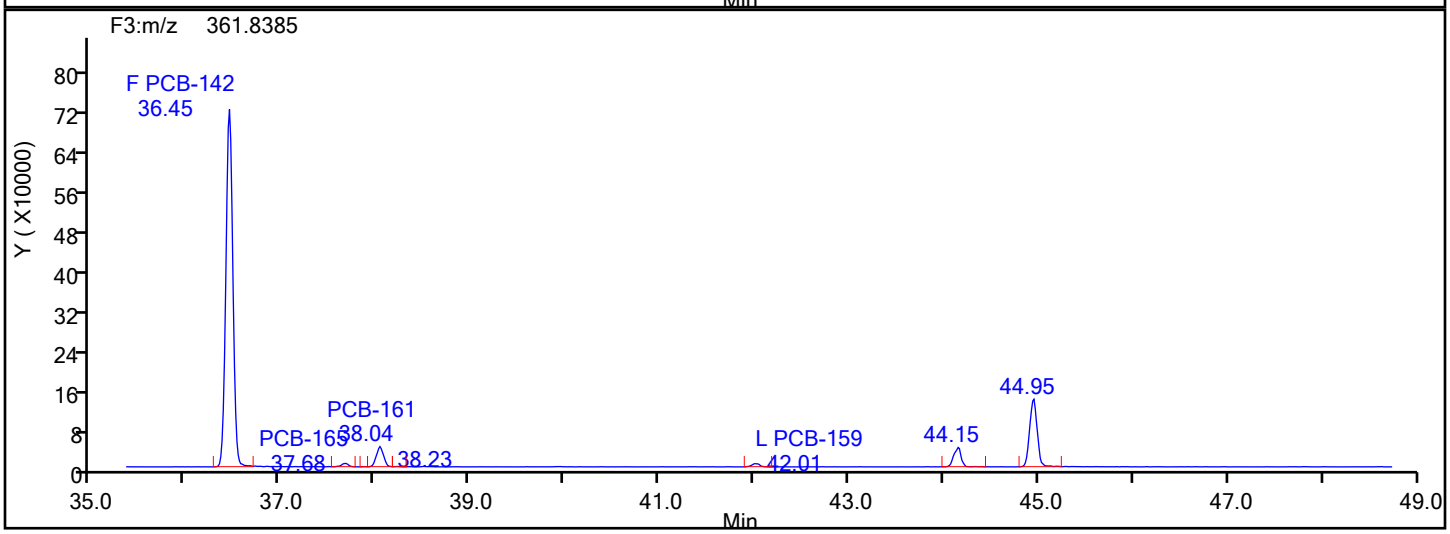
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

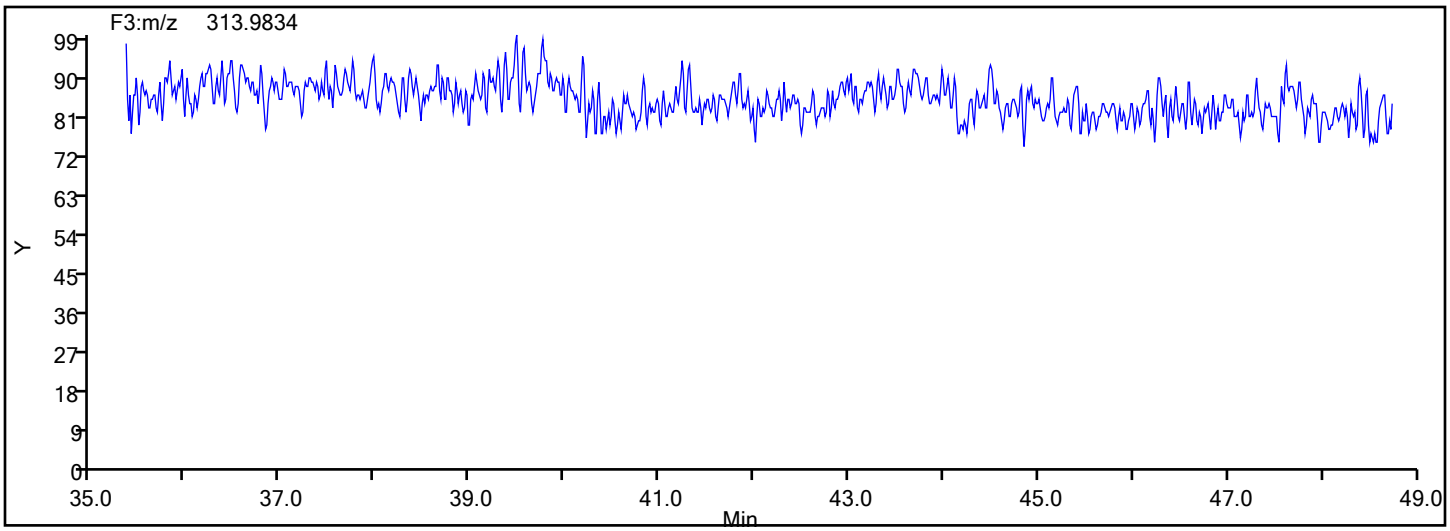
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

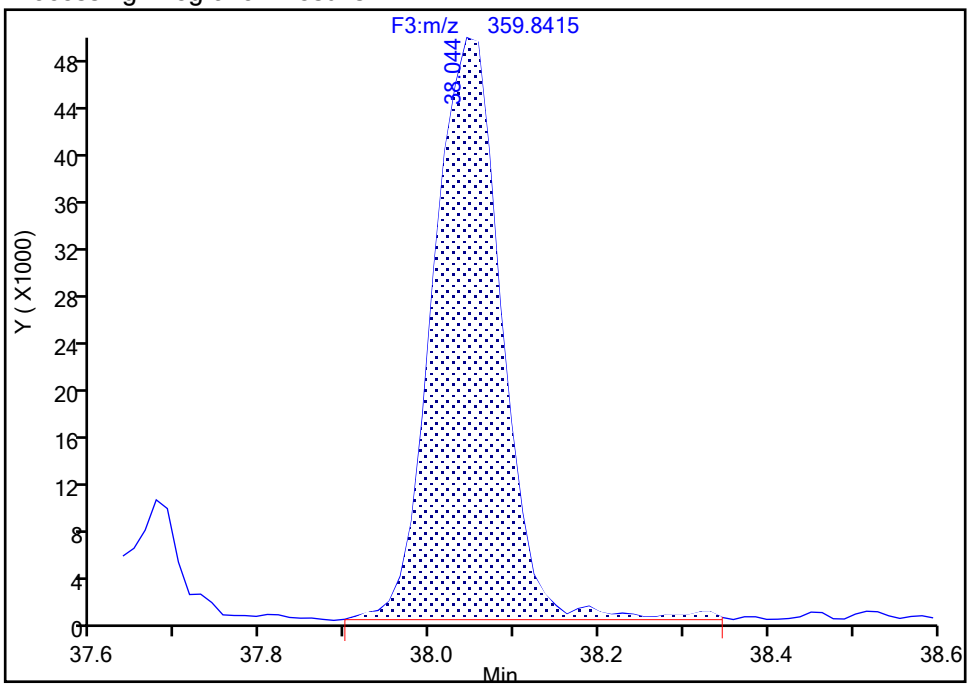
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-161, CAS: 74472-43-8

Signal: 1

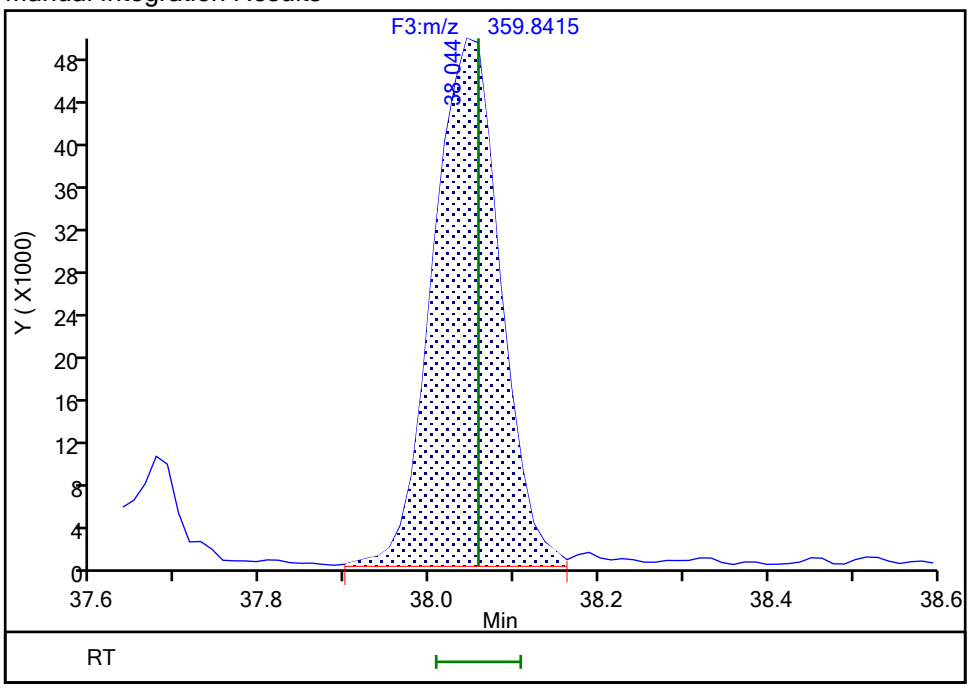
Processing Integration Results

RT: 38.04
Area: 280414
Amount: 8.068827
Amount Units: pg/ul



Manual Integration Results

RT: 38.04
Area: 273991
Amount: 7.894438
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:01:49 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

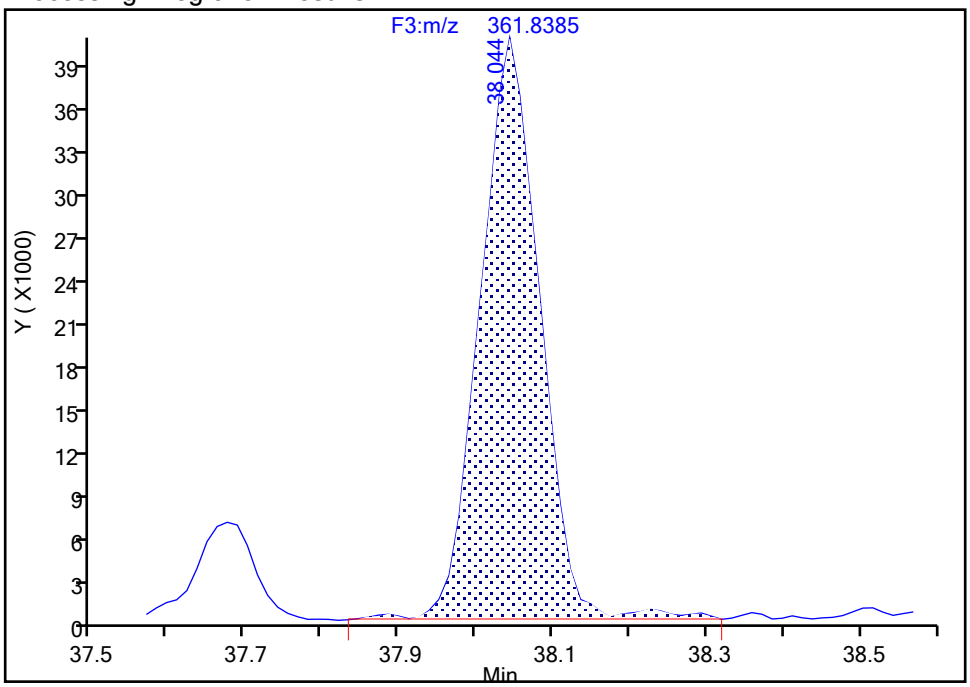
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-161, CAS: 74472-43-8

Signal: 2

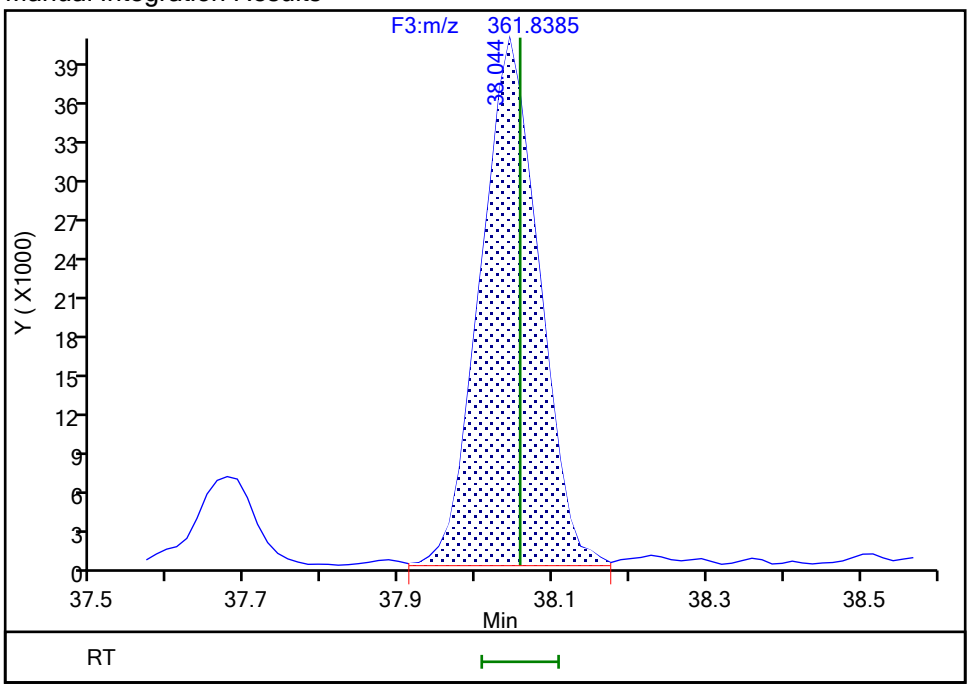
Processing Integration Results

RT: 38.04
Area: 220127
Amount: 8.068827
Amount Units: pg/ul



Manual Integration Results

RT: 38.04
Area: 215732
Amount: 7.894438
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:01:53 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

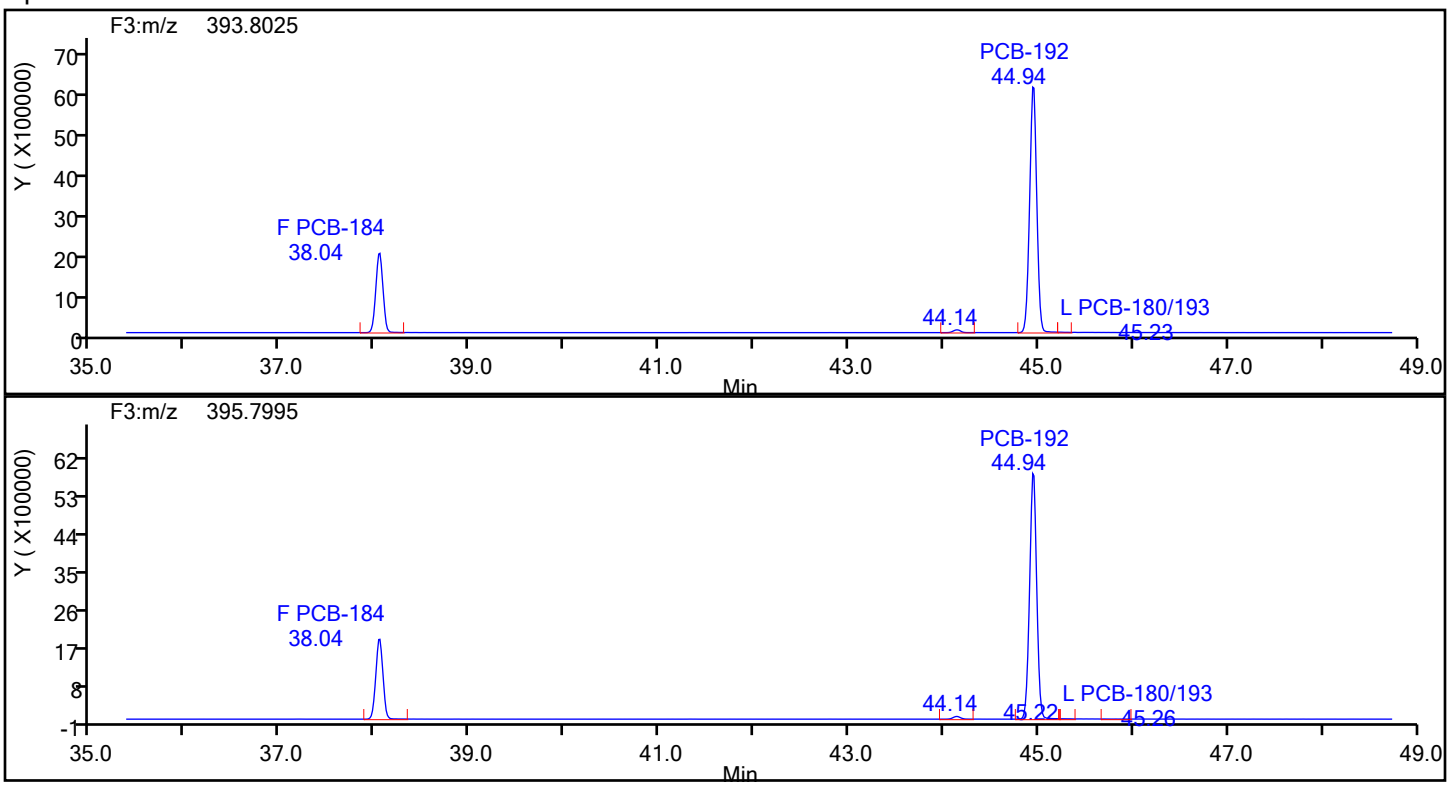
Report Date: 05-Jan-2024 01:04:45 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

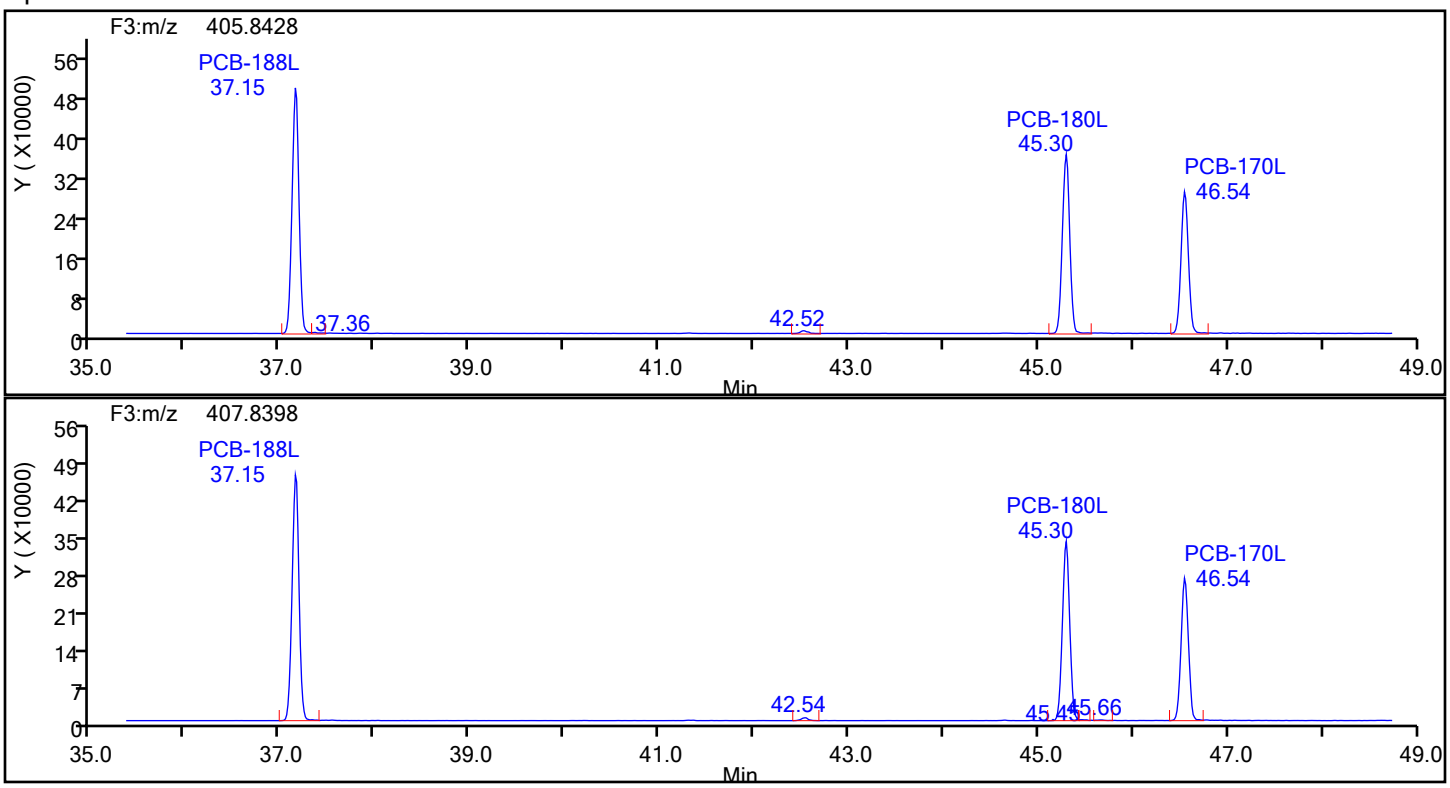
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

HpPCB F3



HpPCB F3 Standards

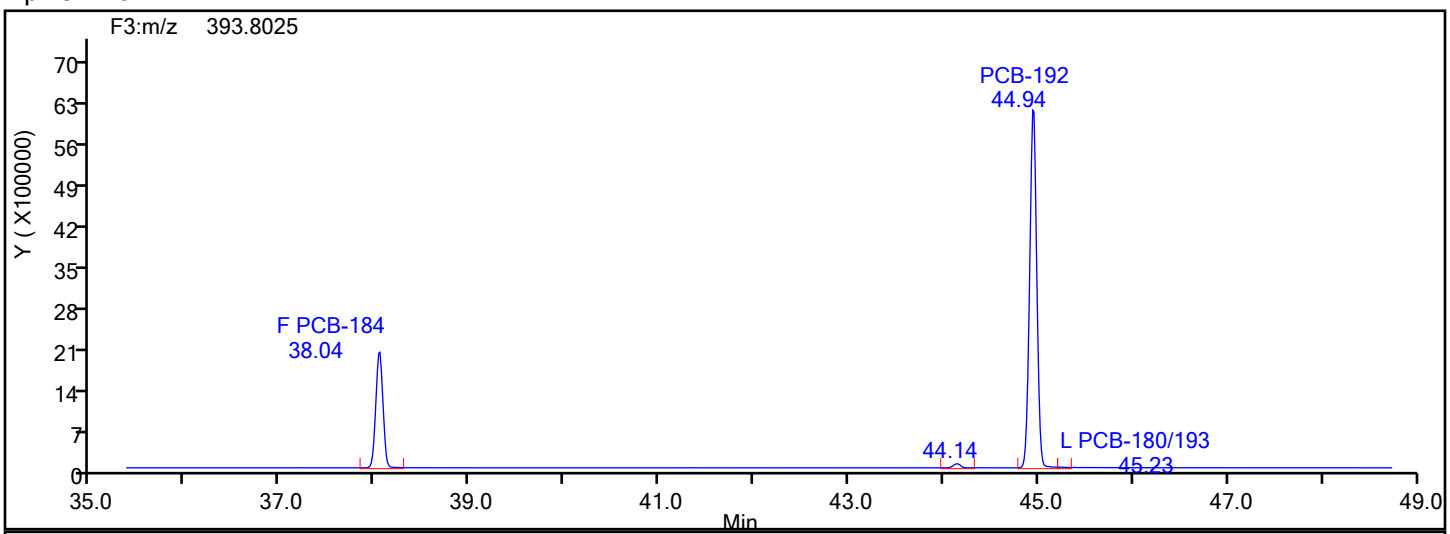


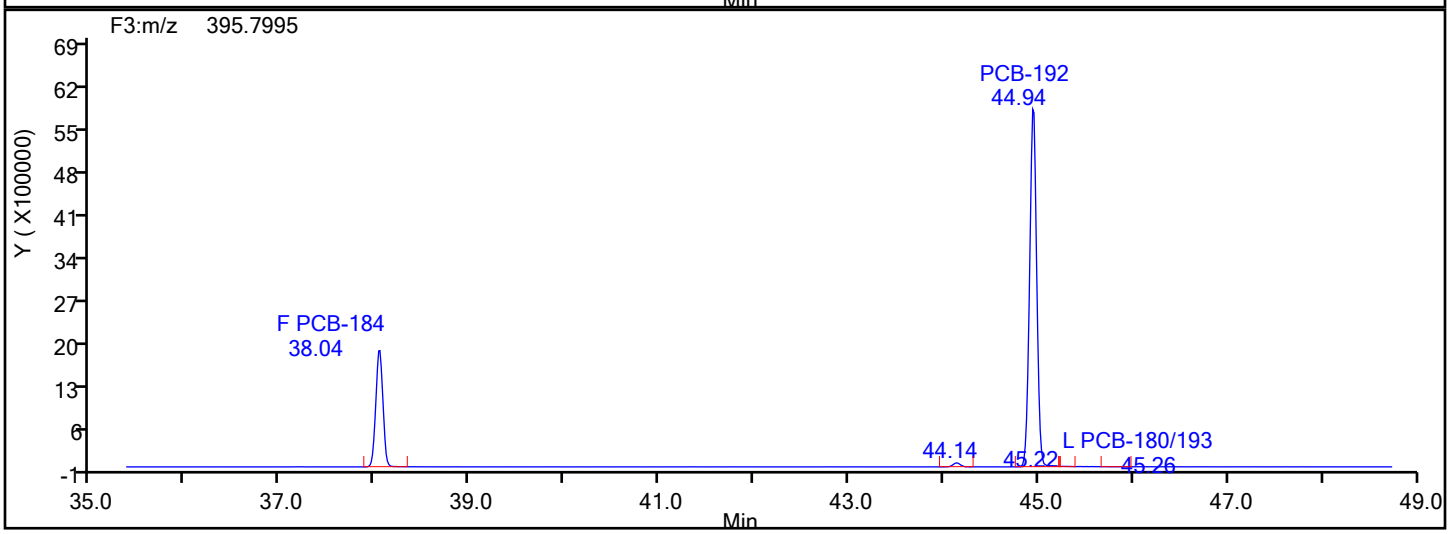
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

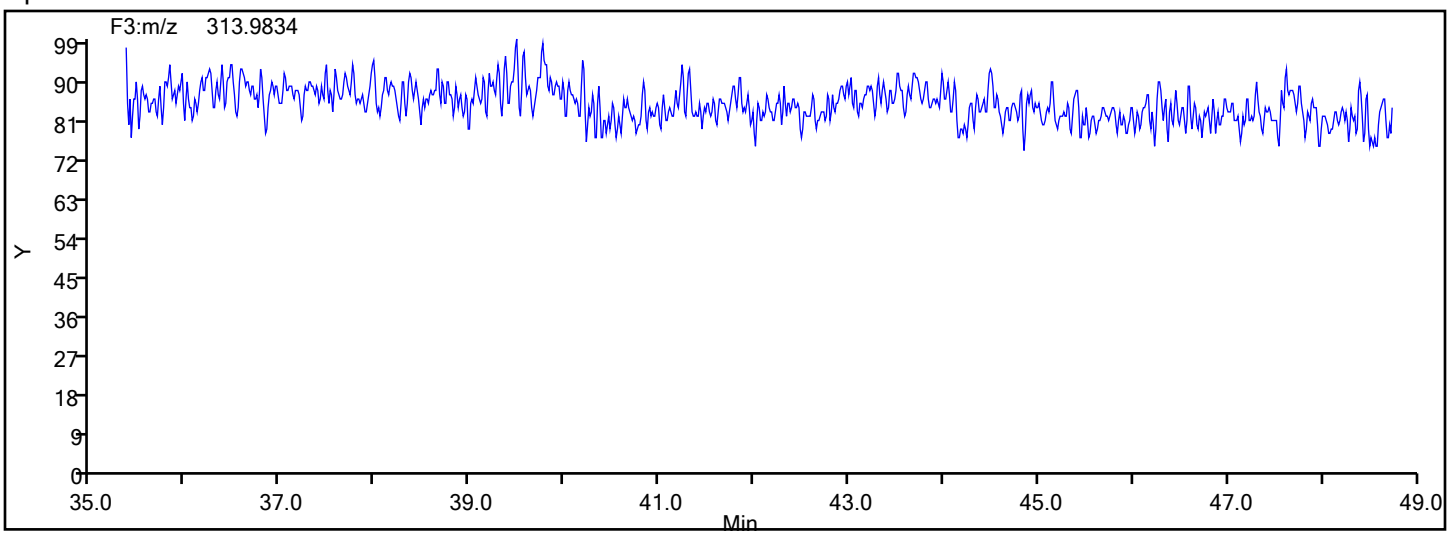
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

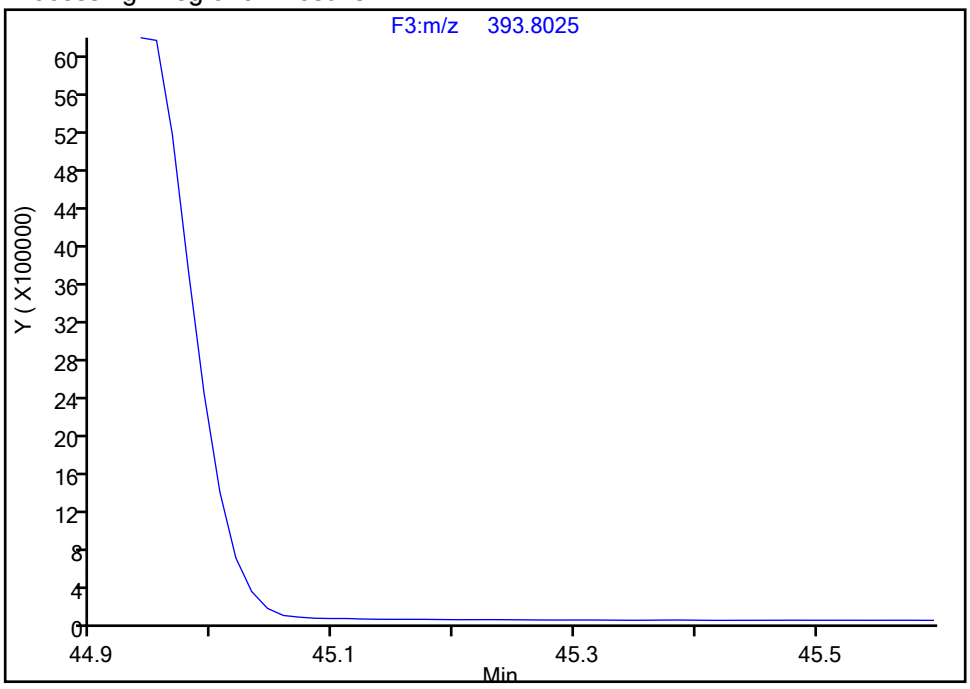
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-180/193, CAS: STL01824

Signal: 1

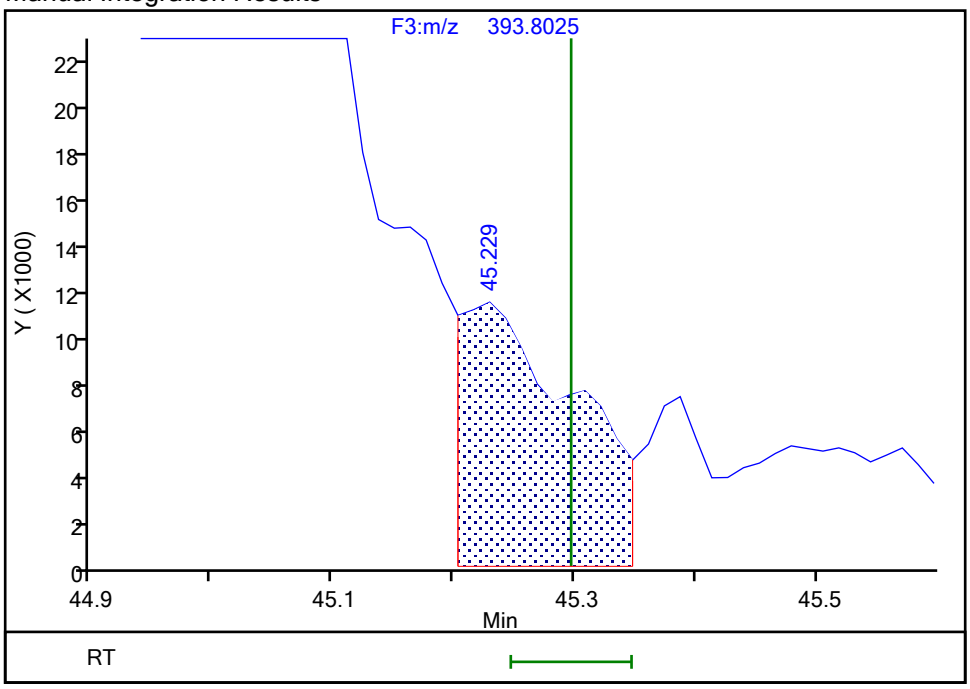
Not Detected
Expected RT: 45.30

Processing Integration Results



Manual Integration Results

RT: 45.23
Area: 72932
Amount: 3.088470
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:02:42 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

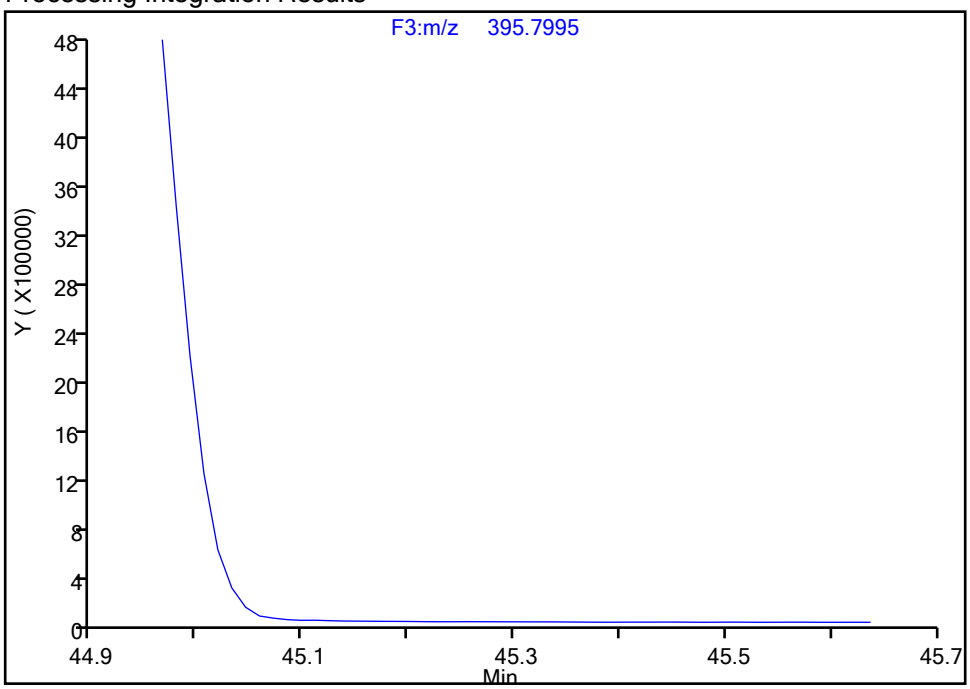
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-180/193, CAS: STL01824

Signal: 2

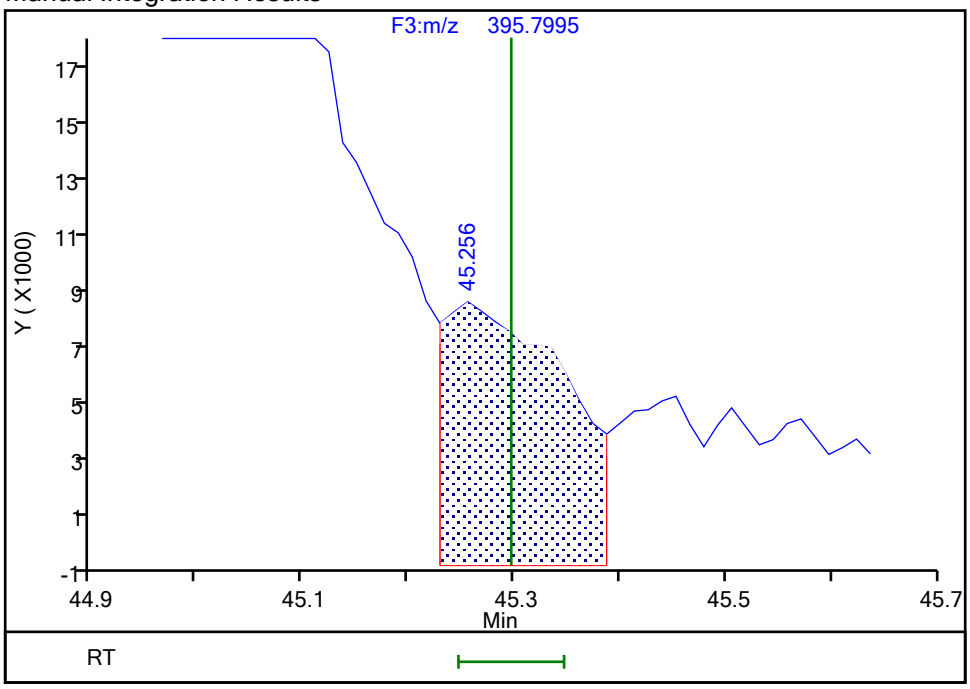
Not Detected
Expected RT: 45.30

Processing Integration Results



Manual Integration Results

RT: 45.26
Area: 68584
Amount: 3.088470
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:03:04 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

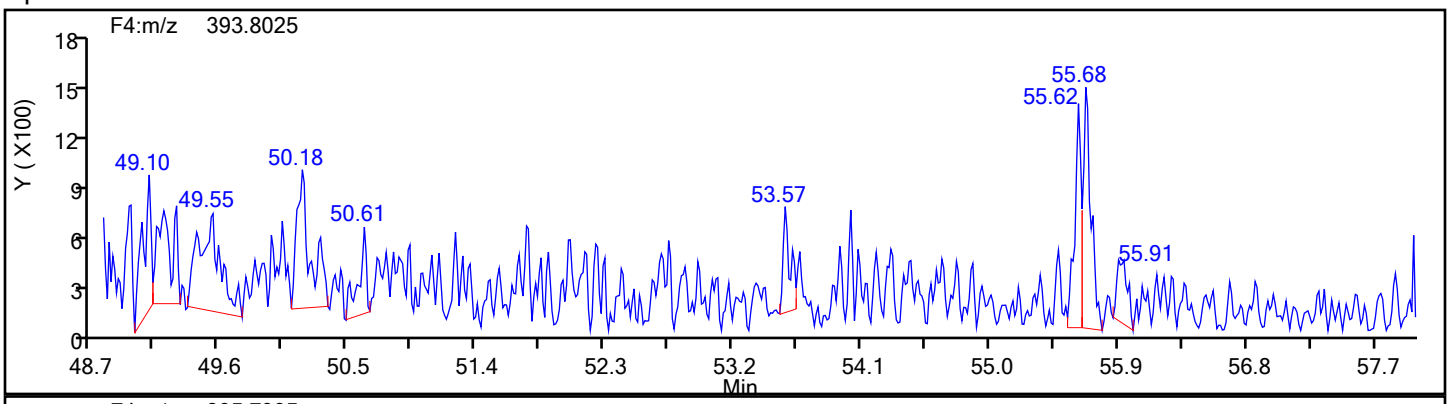
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

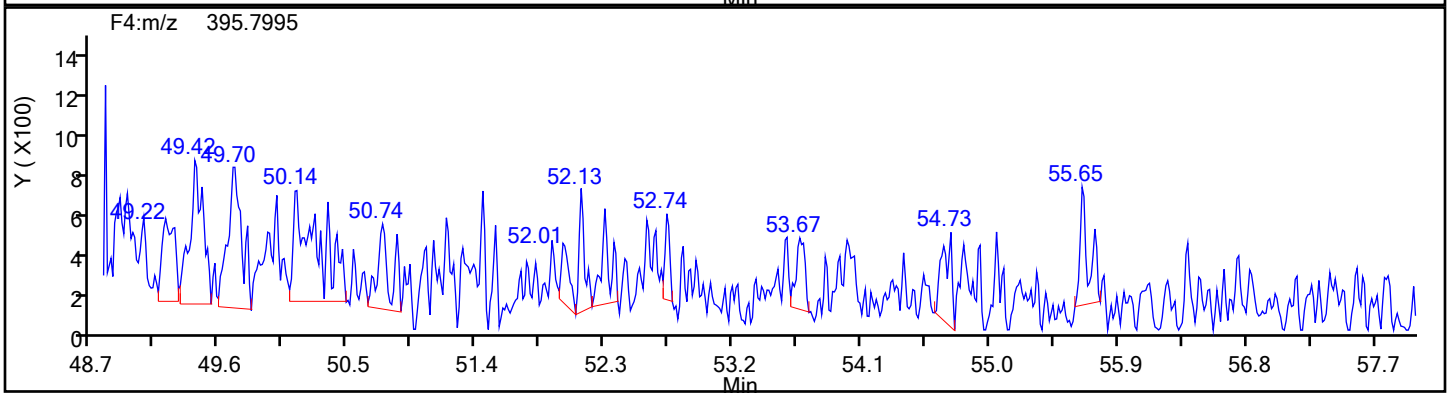
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

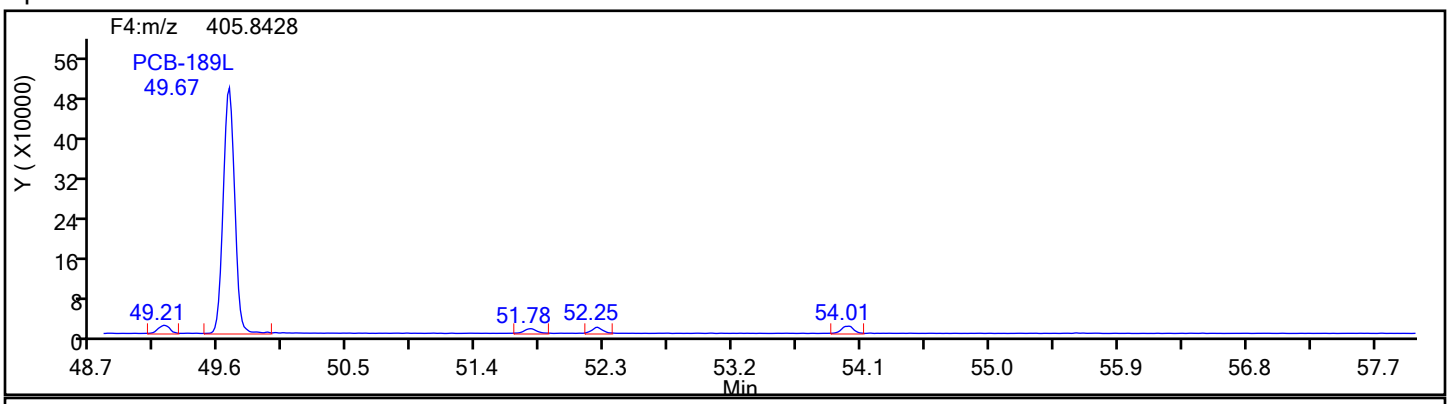
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

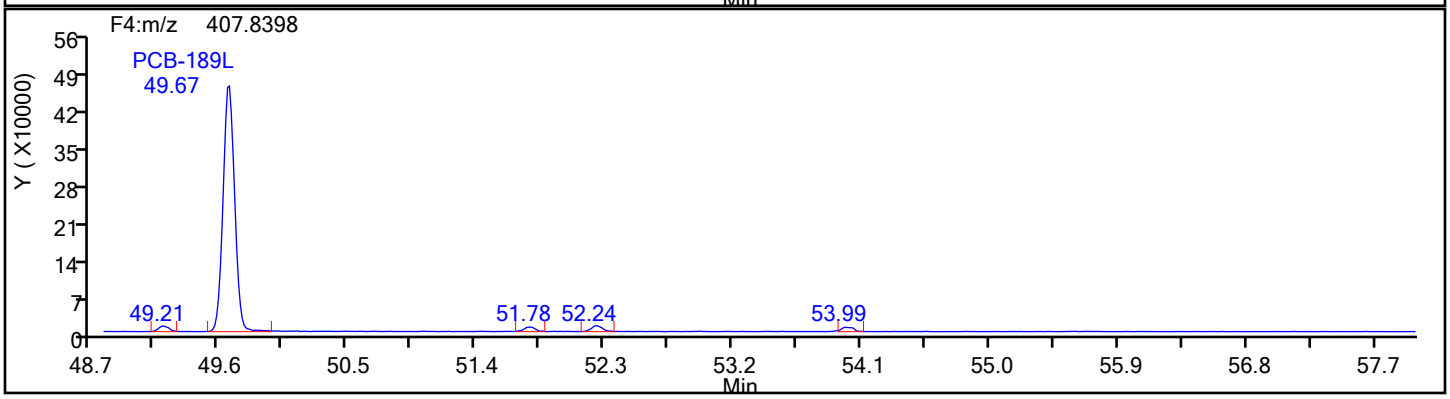
HpPCB F4





HpPCB F4 Standards



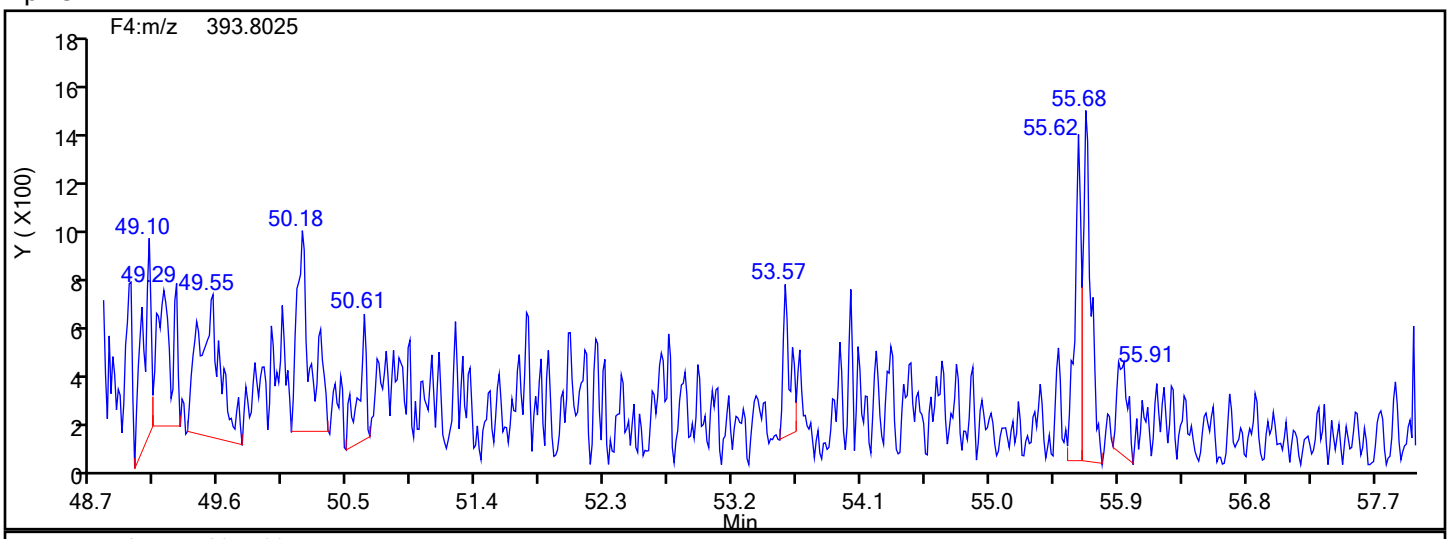


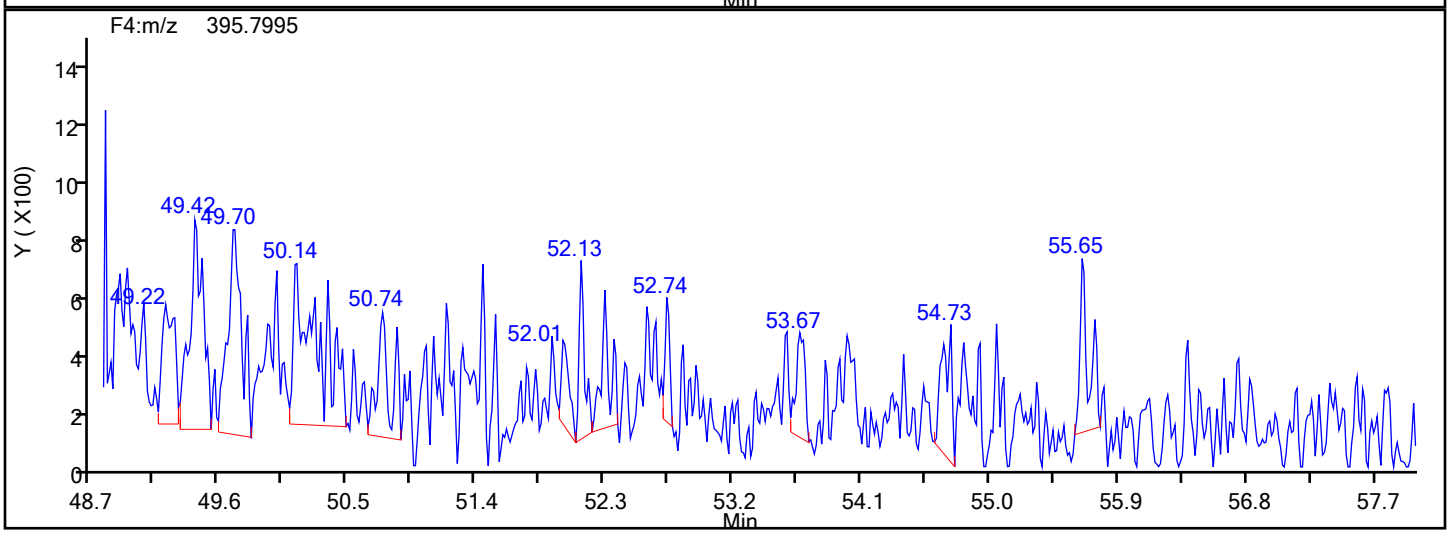
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

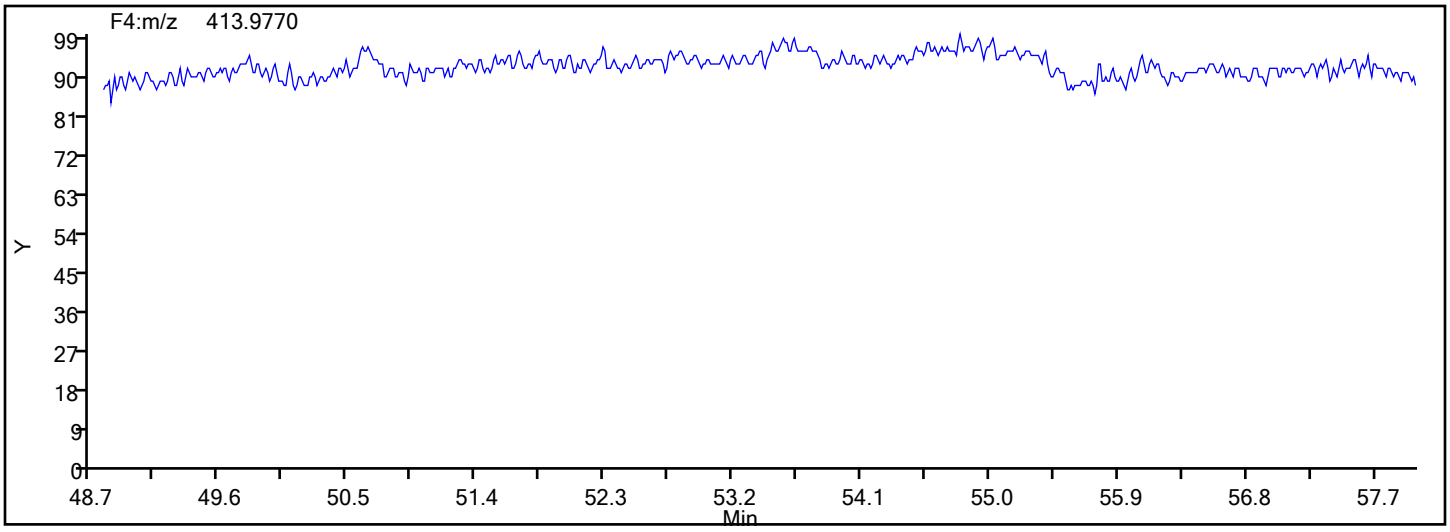
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Injection Date: 04-Jan-2024 19:07:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-01
Worklist#: 82009 Sample Line#: 11
Column Type: Column Dia:

HpPCB F4





HpPCB F4 Lock Mass



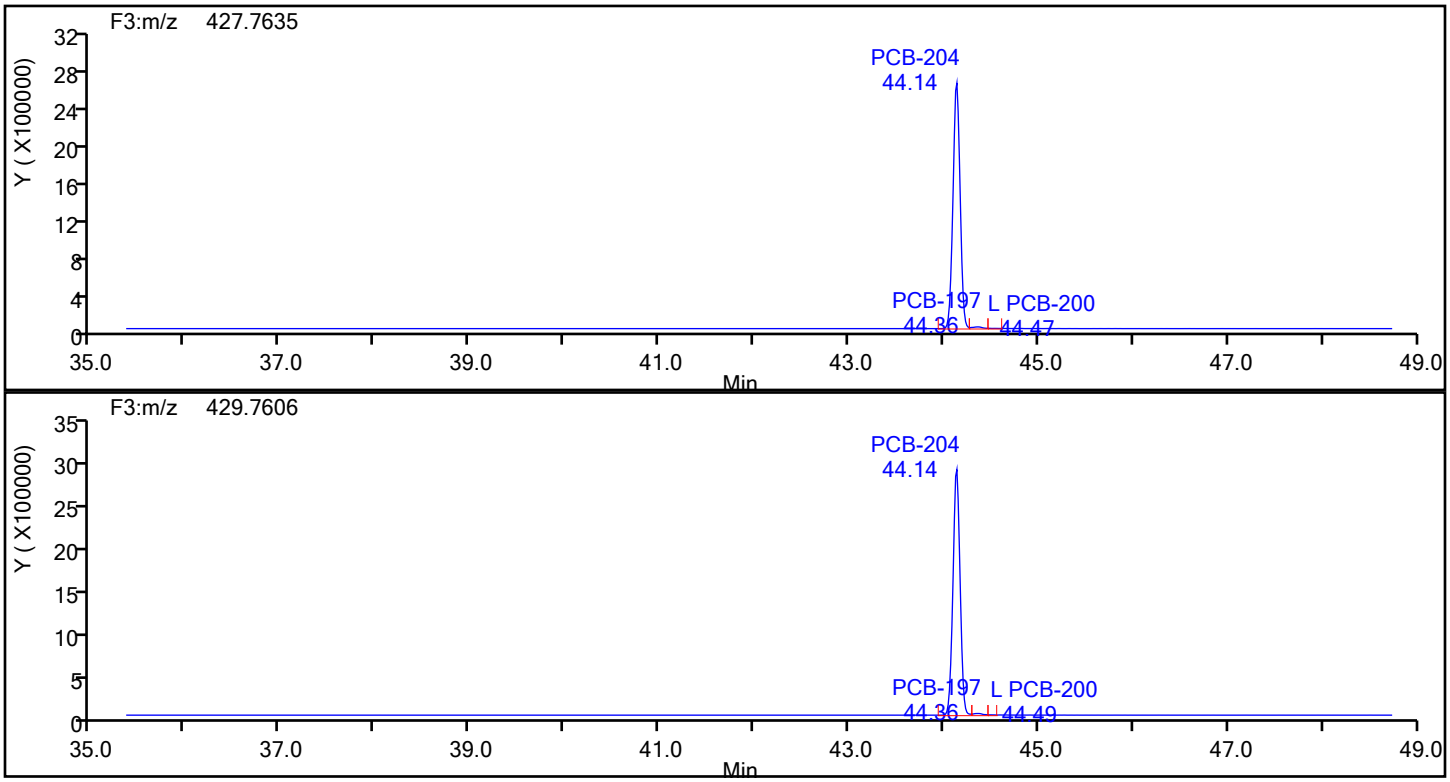
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

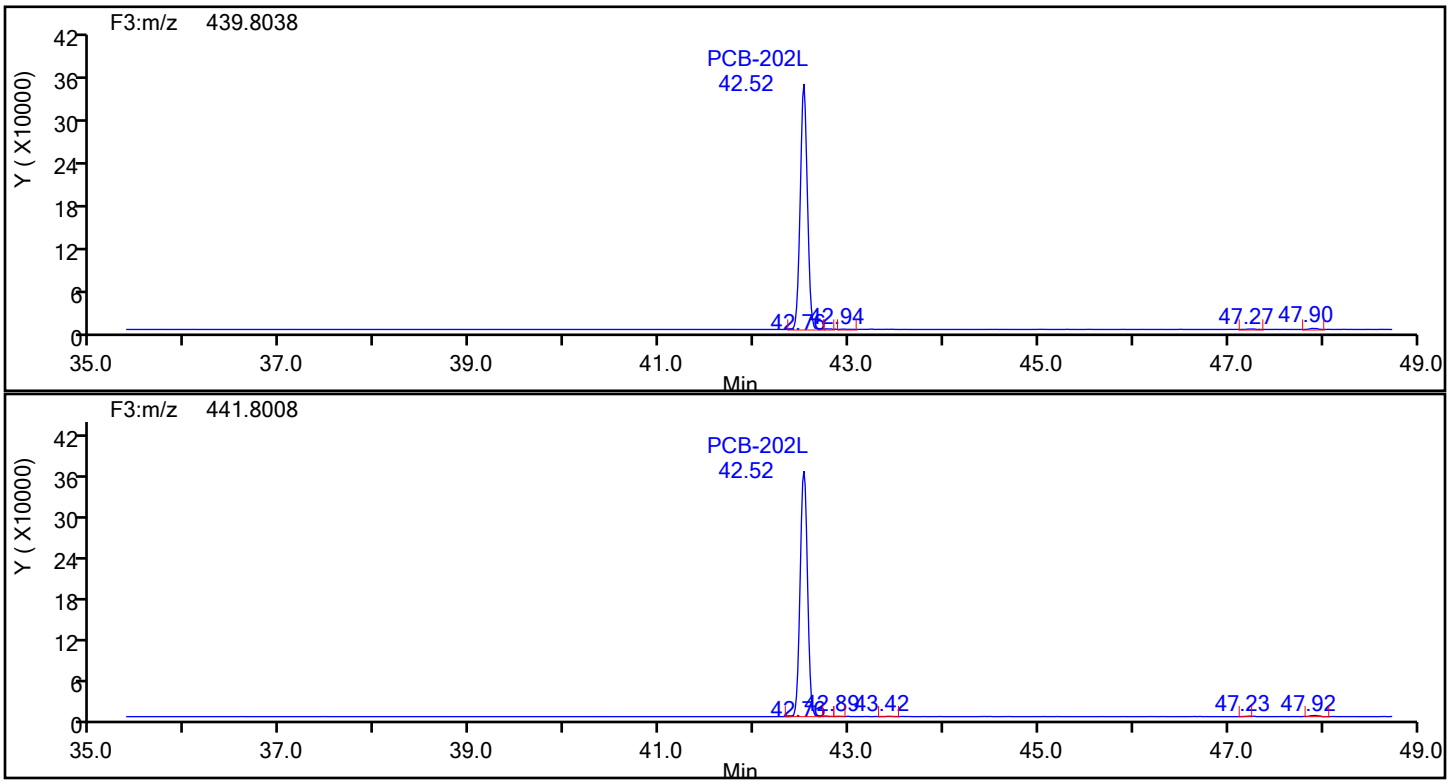
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

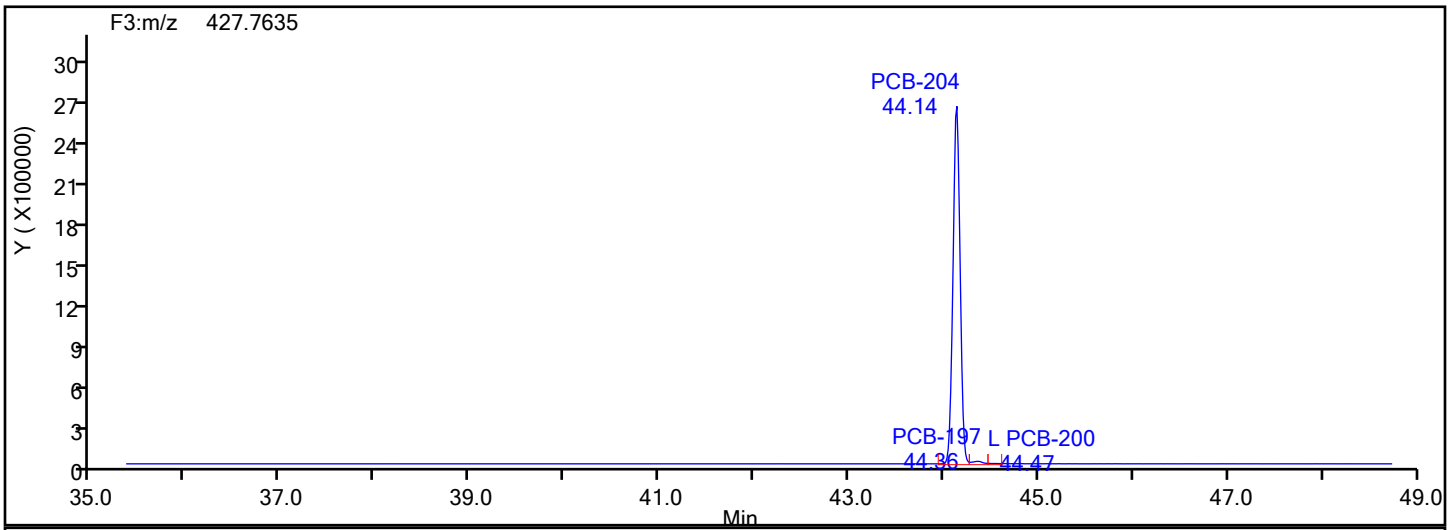


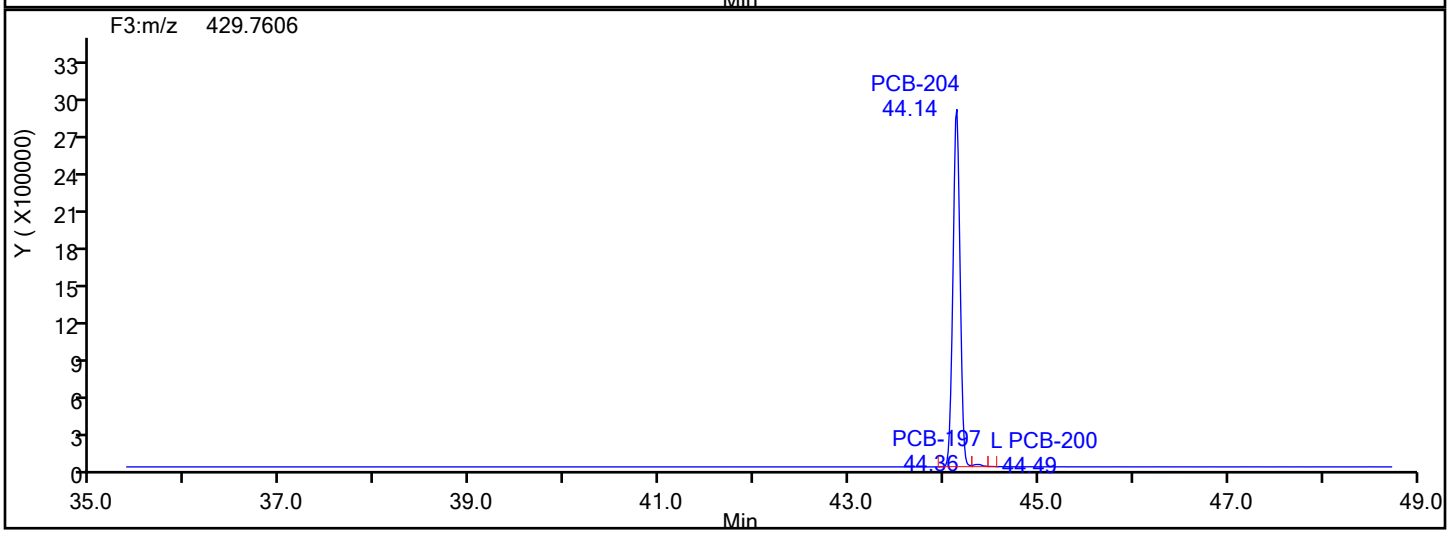
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

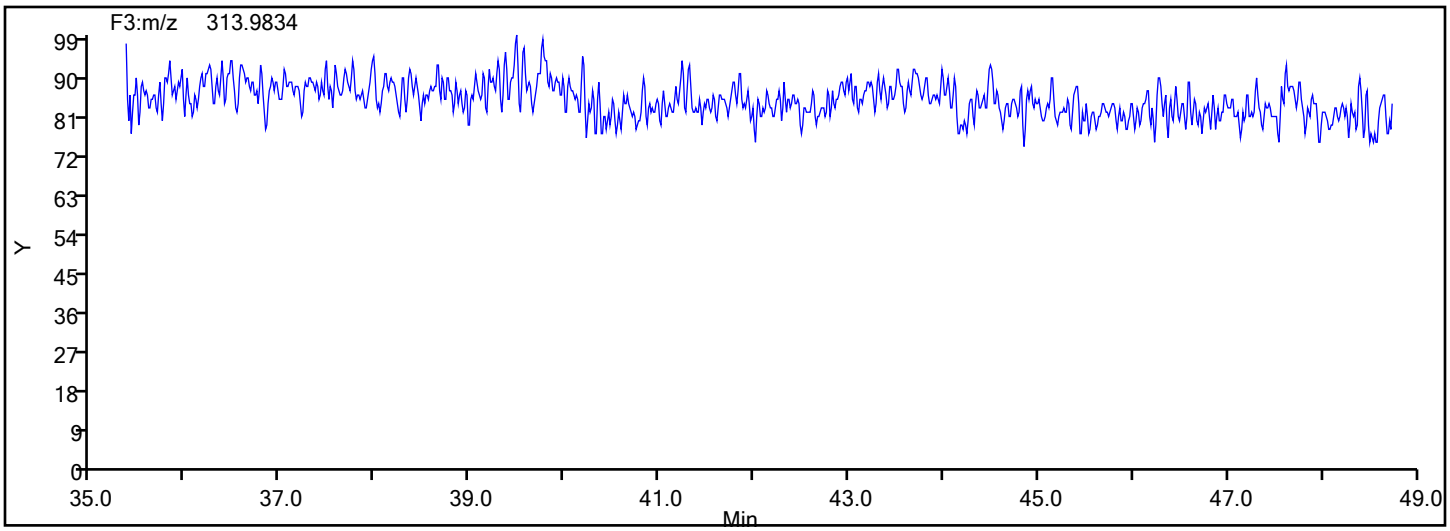
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

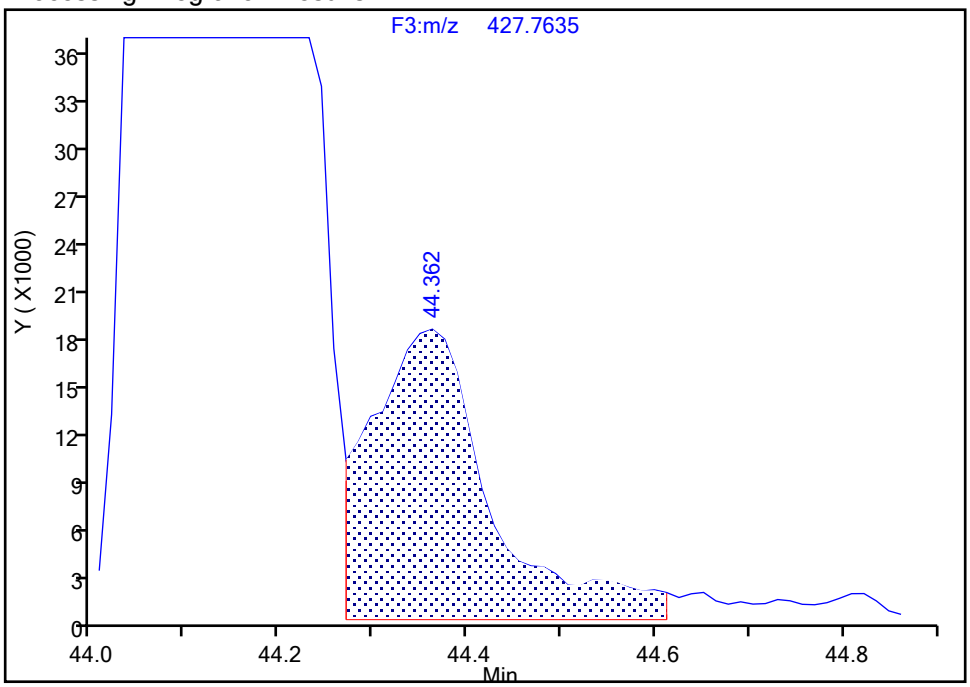
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 1

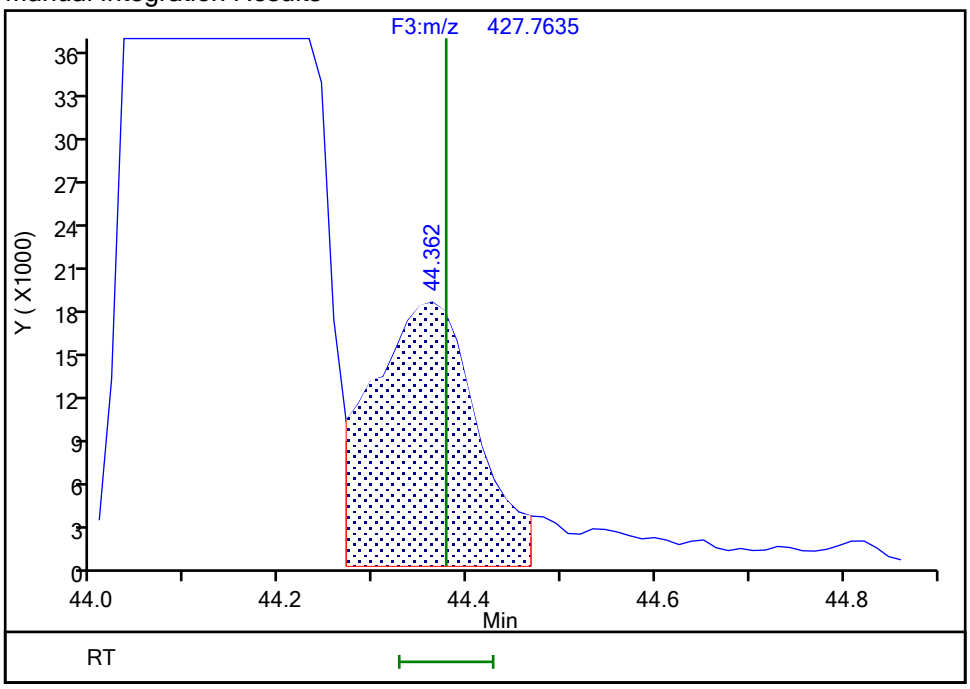
Processing Integration Results

RT: 44.36
Area: 162061
Amount: 7.974854
Amount Units: pg/ul



Manual Integration Results

RT: 44.36
Area: 141315
Amount: 7.023481
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:03:34 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

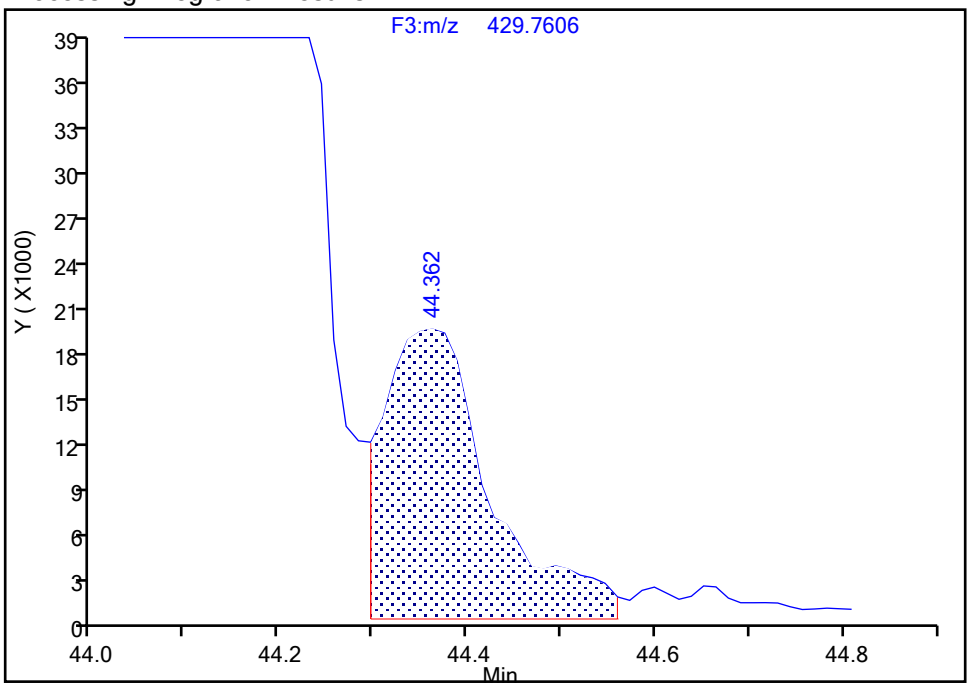
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 2

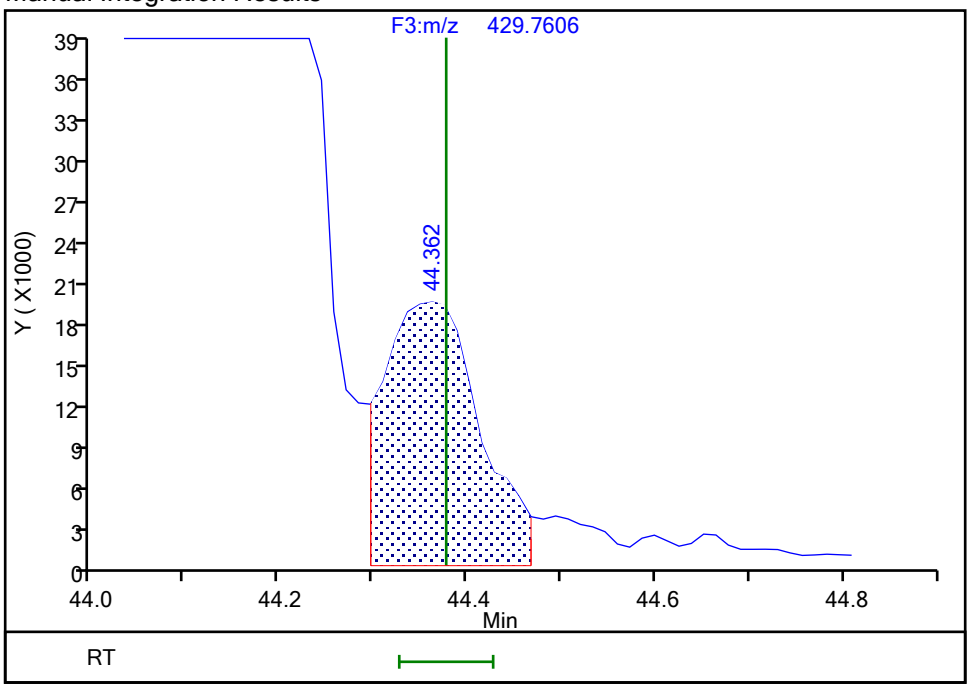
Processing Integration Results

RT: 44.36
Area: 152265
Amount: 7.974854
Amount Units: pg/ul



Manual Integration Results

RT: 44.36
Area: 135513
Amount: 7.023481
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:03:36 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

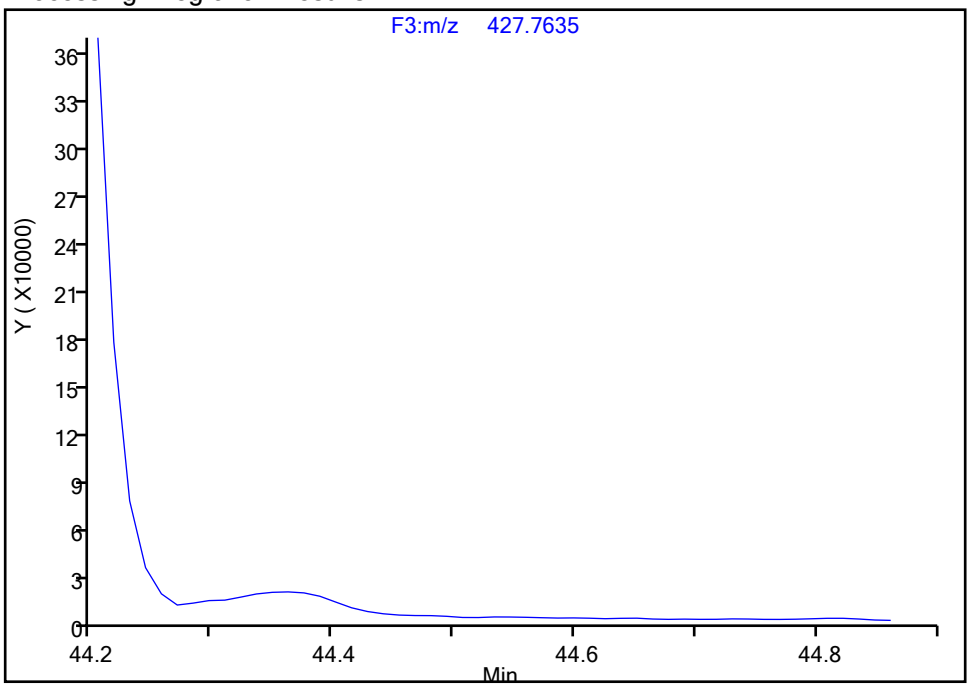
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 1

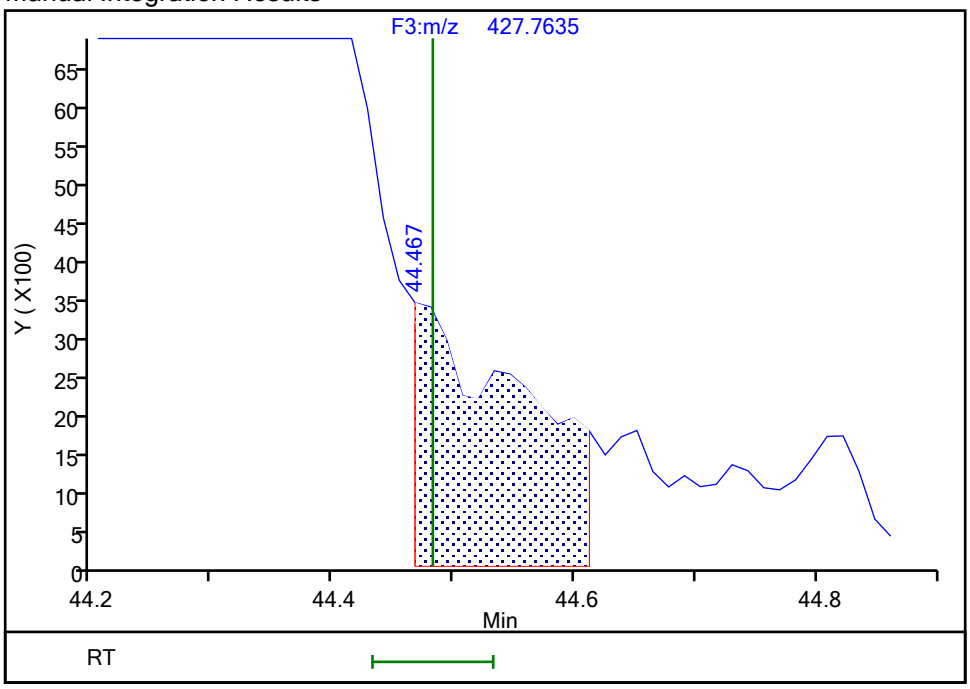
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.47
Area: 20746
Amount: 1.031567
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:03:41 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

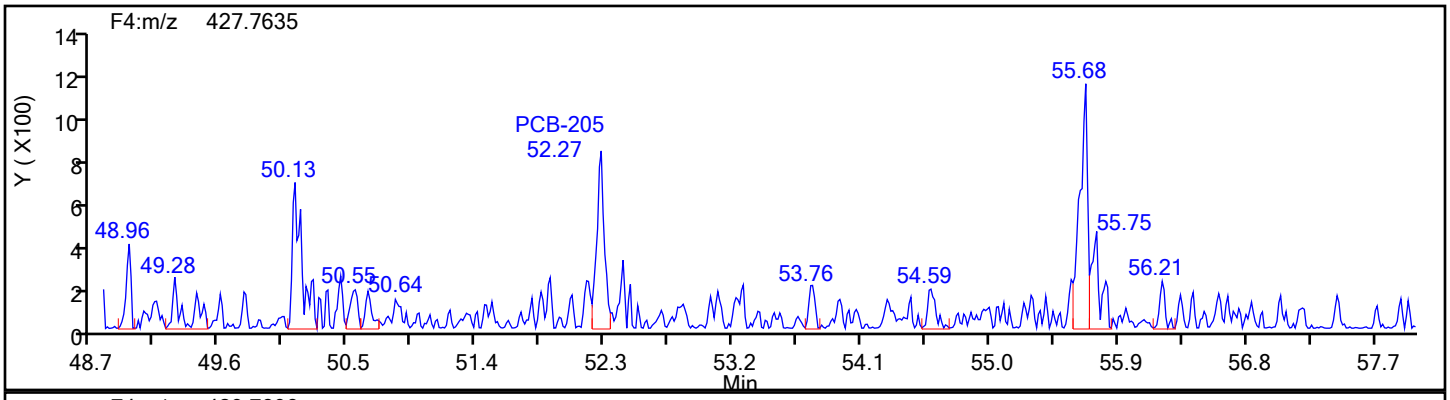
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

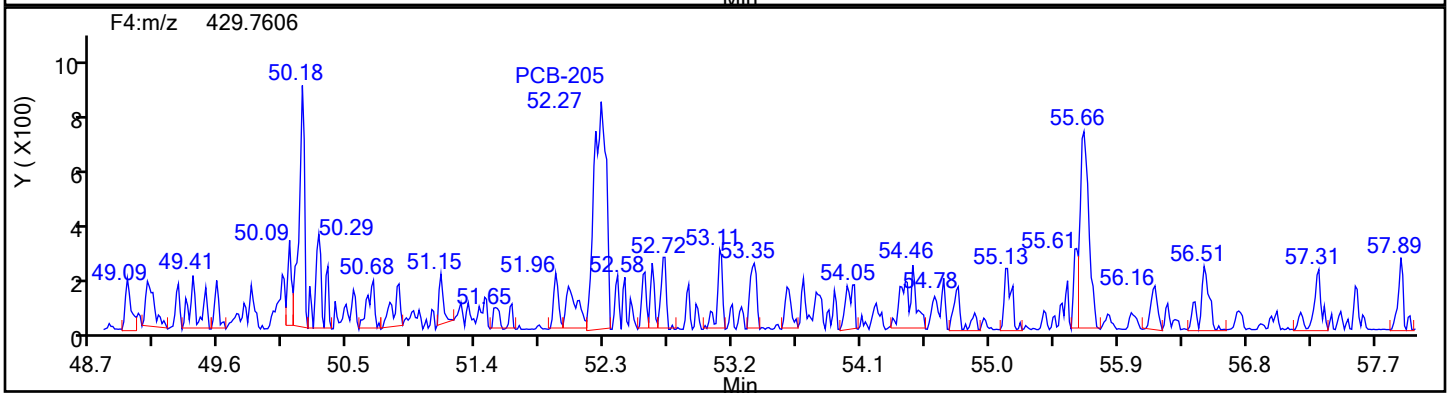
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

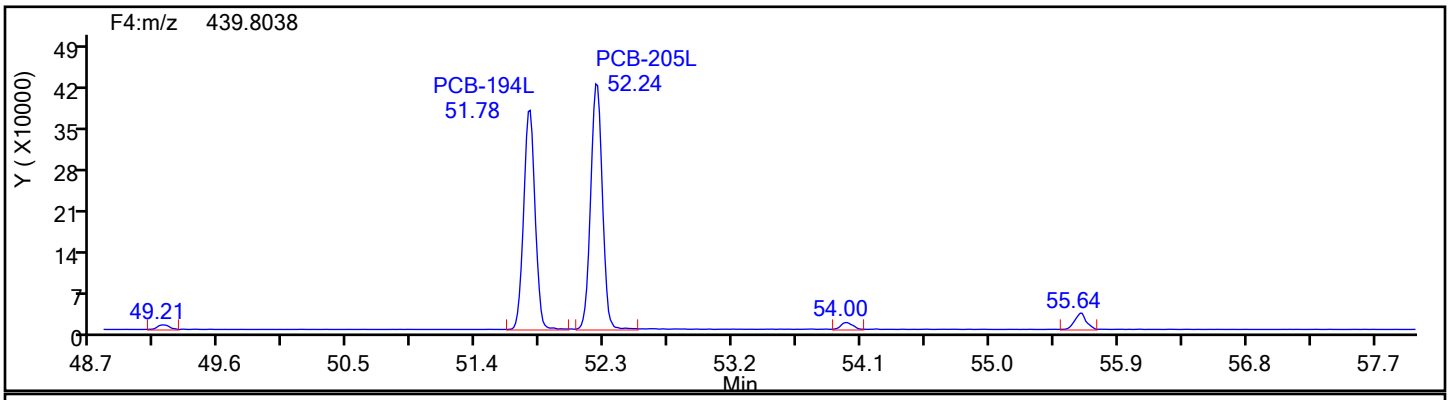
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

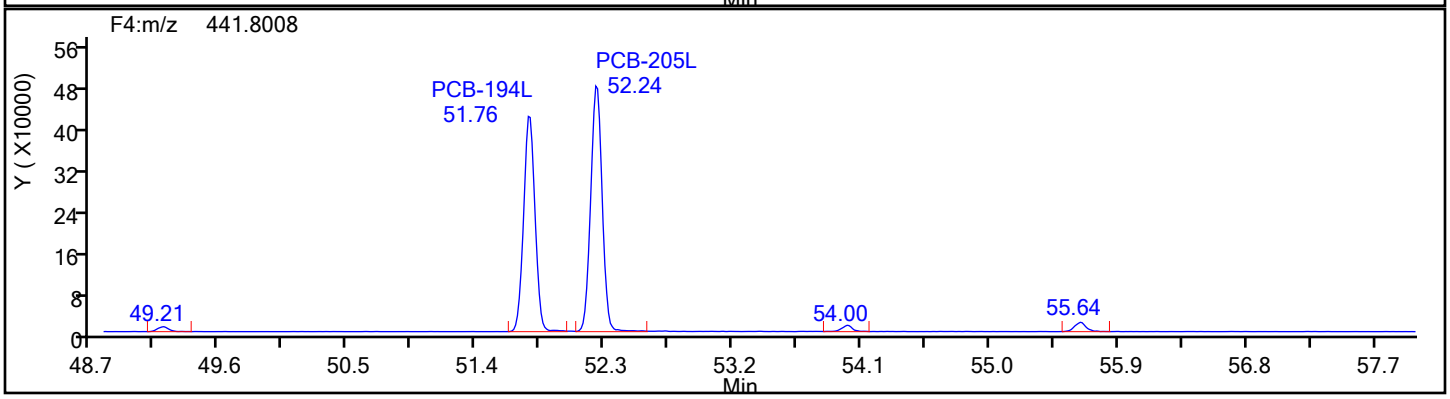
OcPCB F4





OcPCB F4 Standards



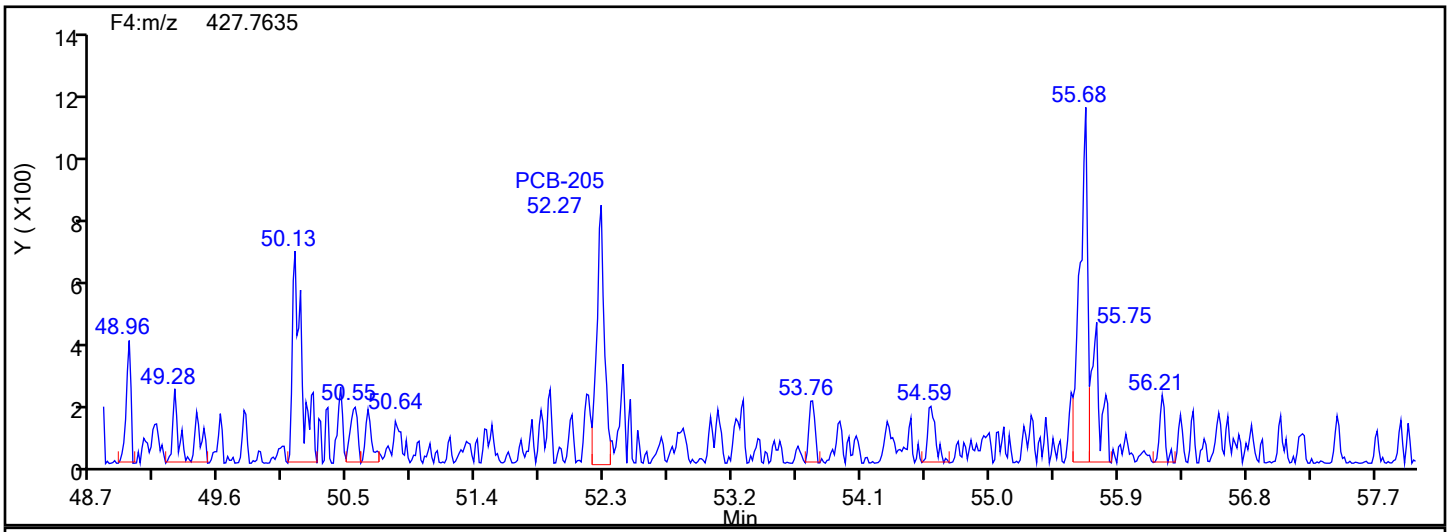


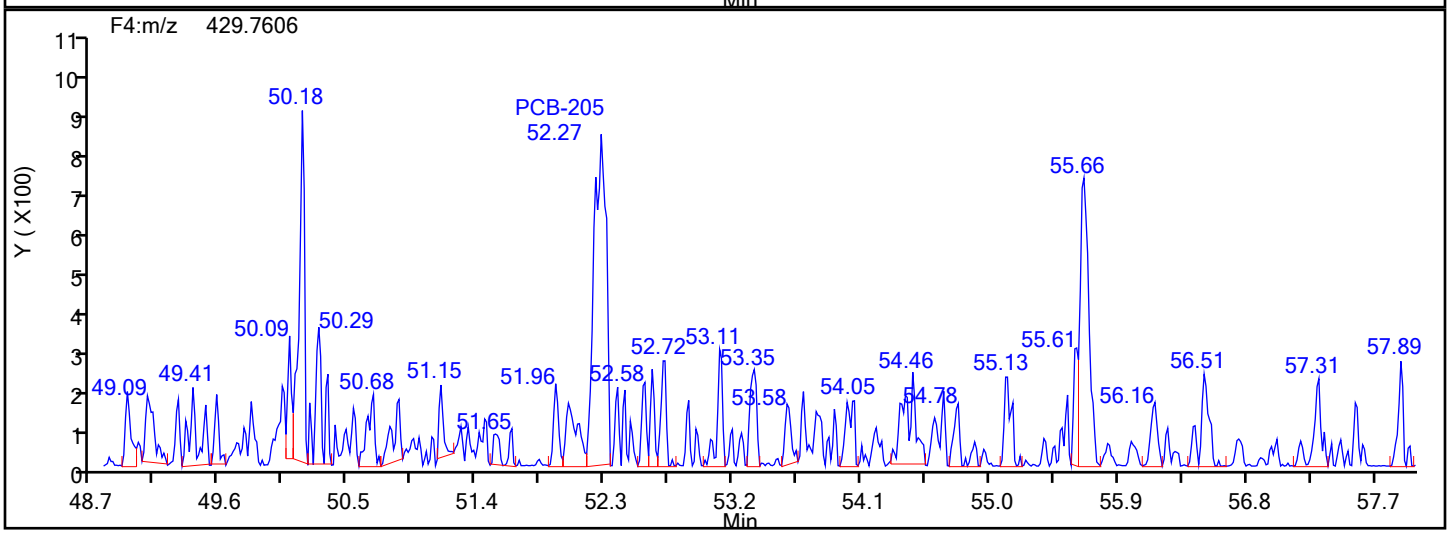
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

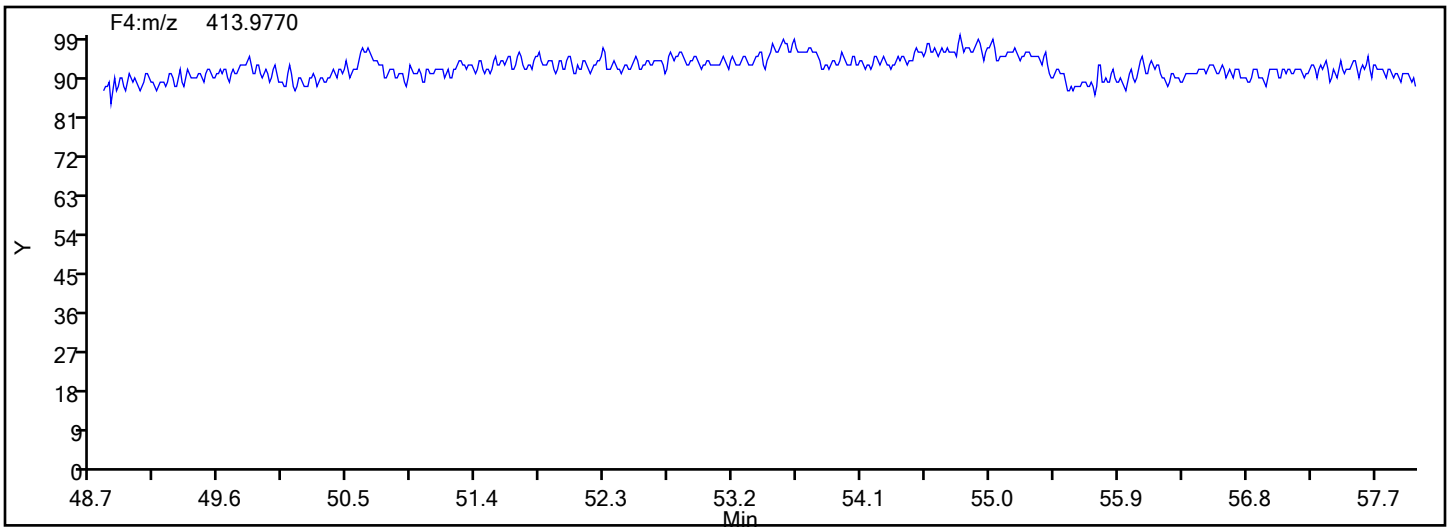
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Injection Date: 04-Jan-2024 19:07:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-01
Worklist#: 82009 Sample Line#: 11
Column Type: Column Dia:

OcPCB F4





OcPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

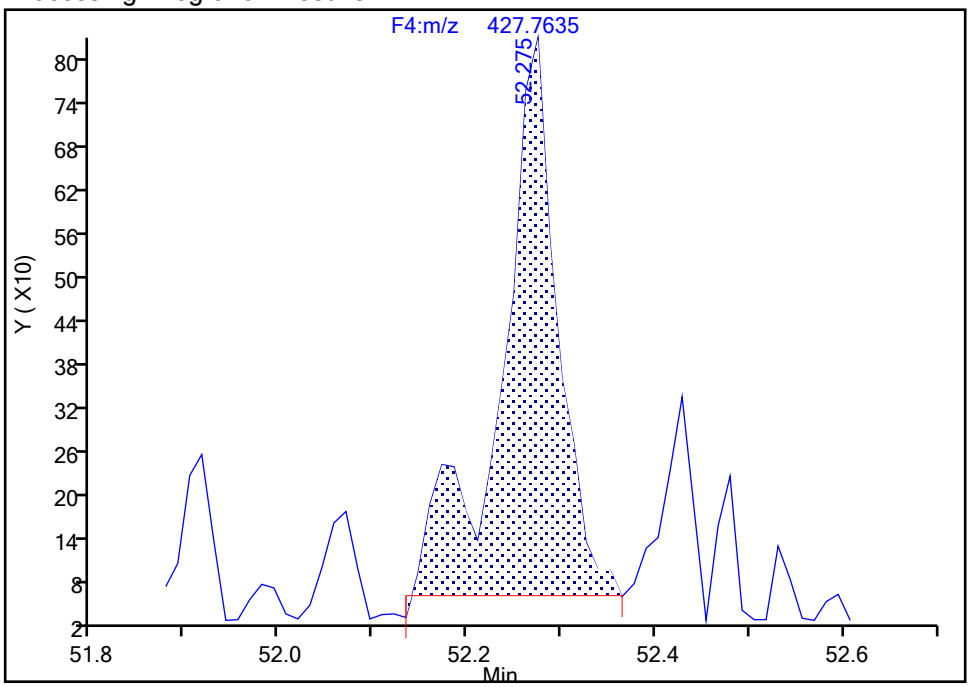
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d				
Injection Date:	04-Jan-2024 19:07:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-7-B	Lab Sample ID:	140-34509-7		
Client ID:	TRIP BLANK PW-01				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	11
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 1

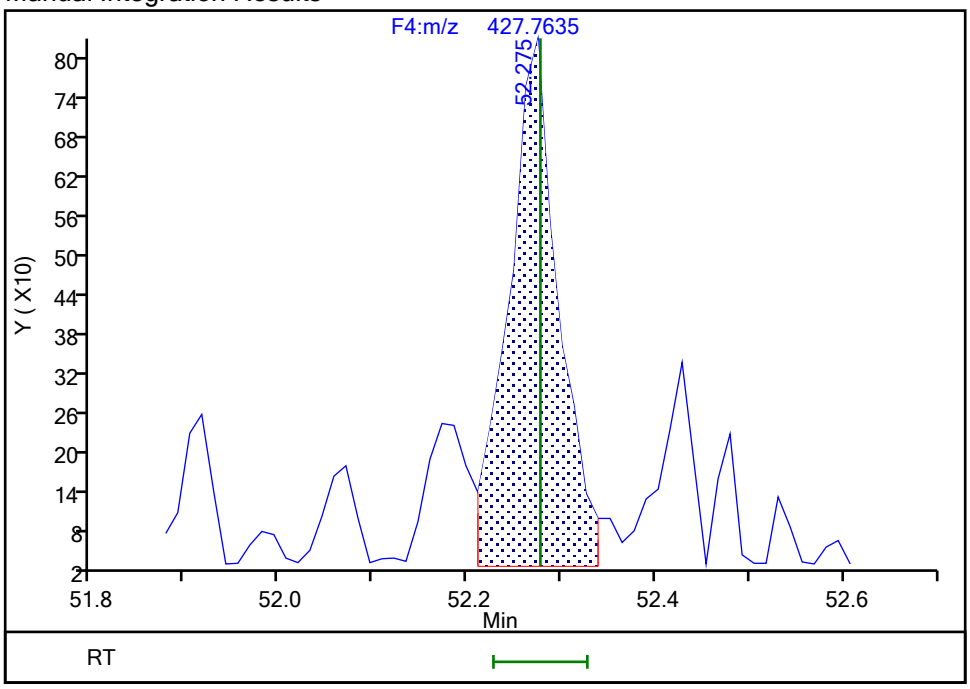
Processing Integration Results

RT: 52.27
Area: 3200
Amount: 0.107858
Amount Units: pg/ul



Manual Integration Results

RT: 52.27
Area: 2957
Amount: 0.133808
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:04:00 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

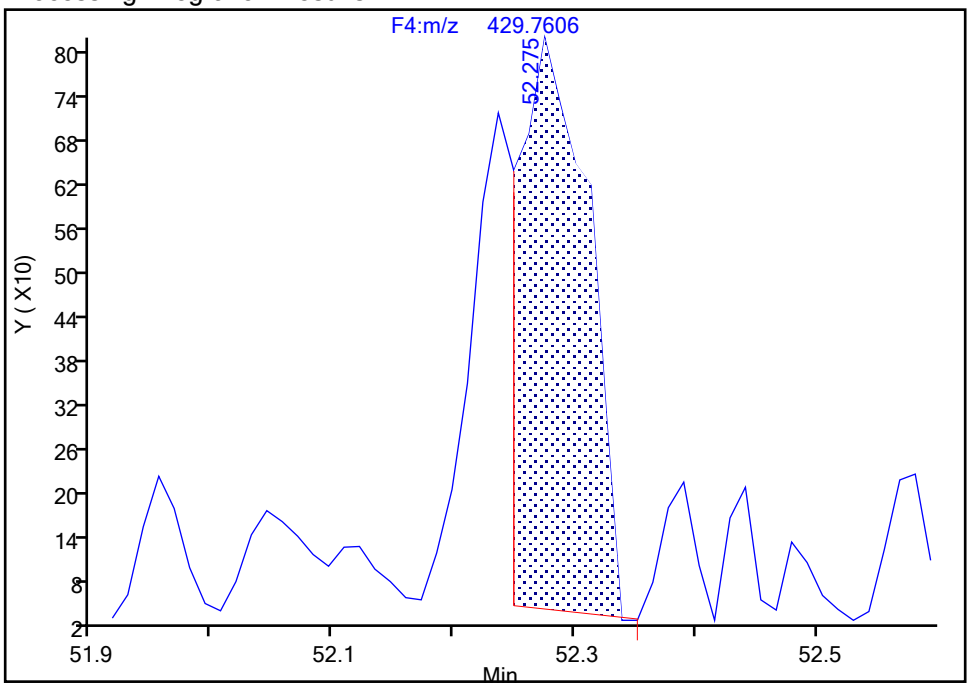
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Injection Date: 04-Jan-2024 19:07:00 Instrument ID: D2D
Lims ID: 140-34509-A-7-B Lab Sample ID: 140-34509-7
Client ID: TRIP BLANK PW-01
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 11
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F4(49.20 :57.50)

PCB-205, CAS: 74472-53-0

Signal: 2

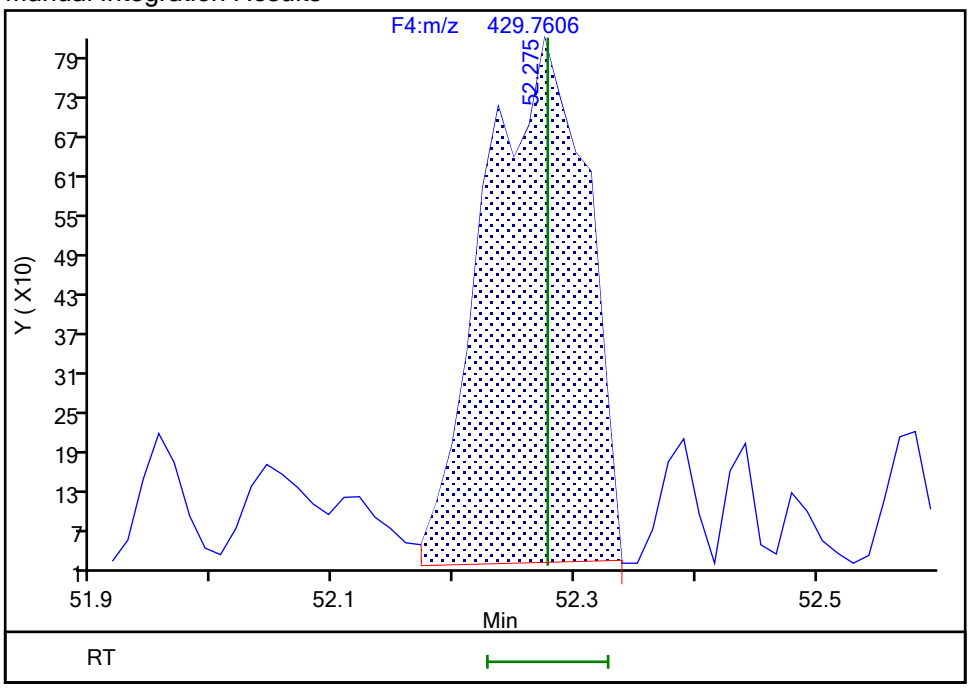
Processing Integration Results

RT: 52.27
Area: 2993
Amount: 0.107858
Amount Units: pg/ul



Manual Integration Results

RT: 52.27
Area: 4726
Amount: 0.133808
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:04:04 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

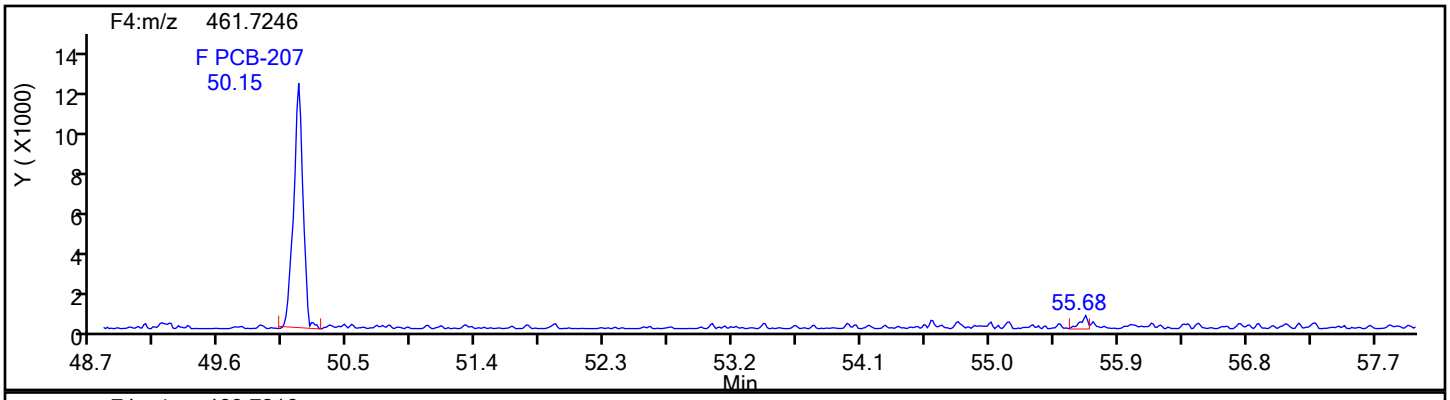
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

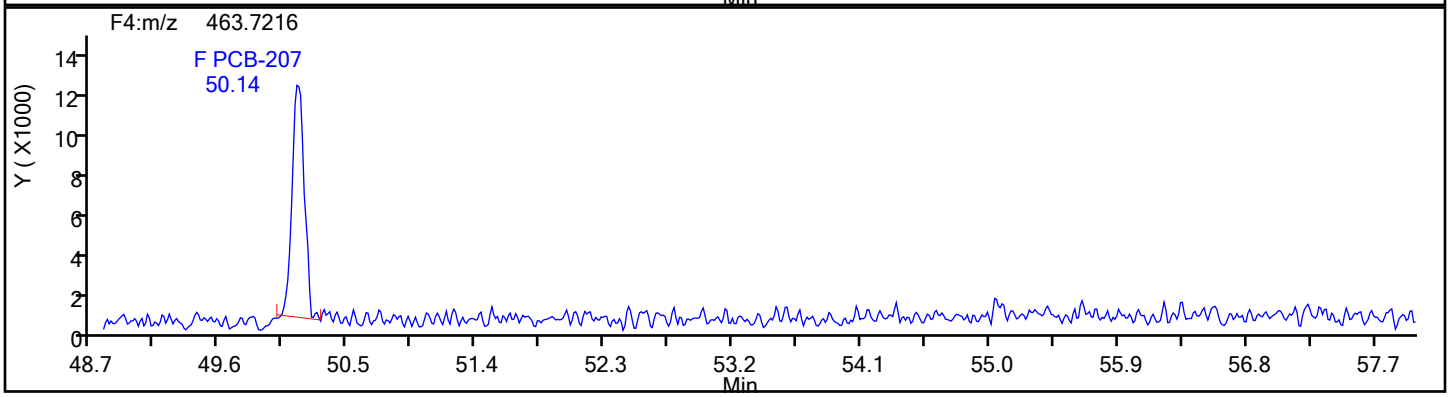
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d

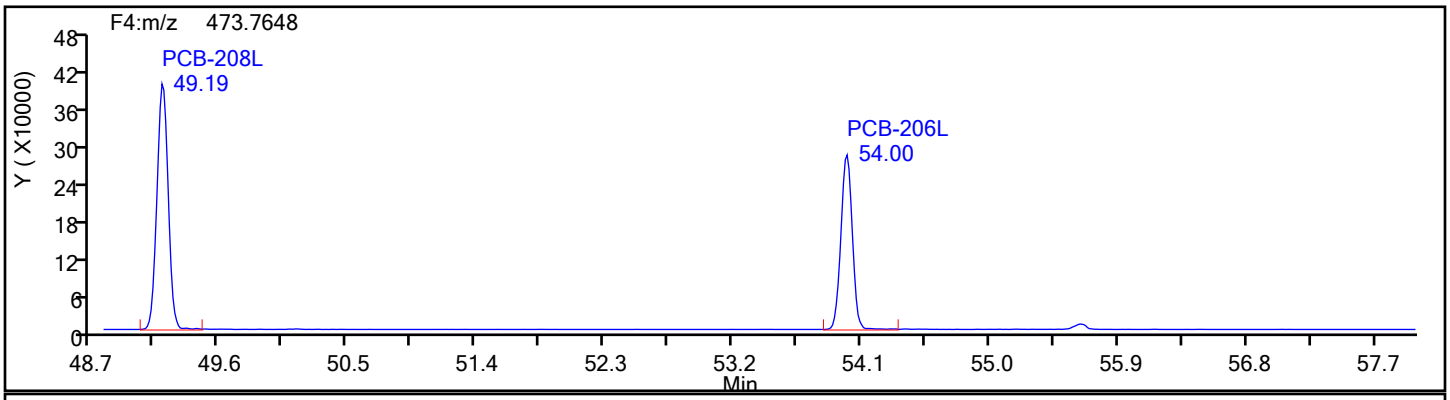
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

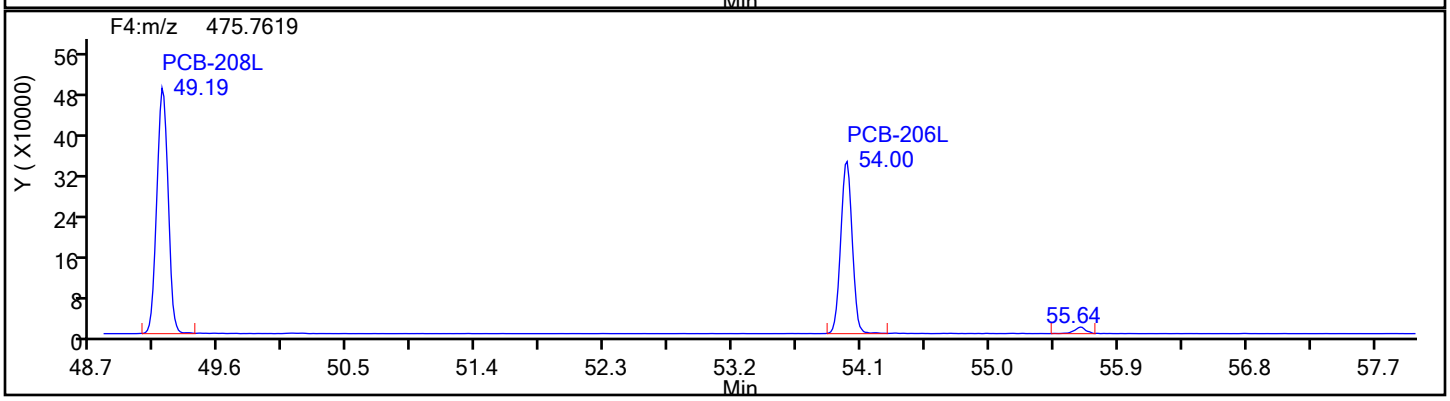
NoPCB F4





NoPCB F4 Standards



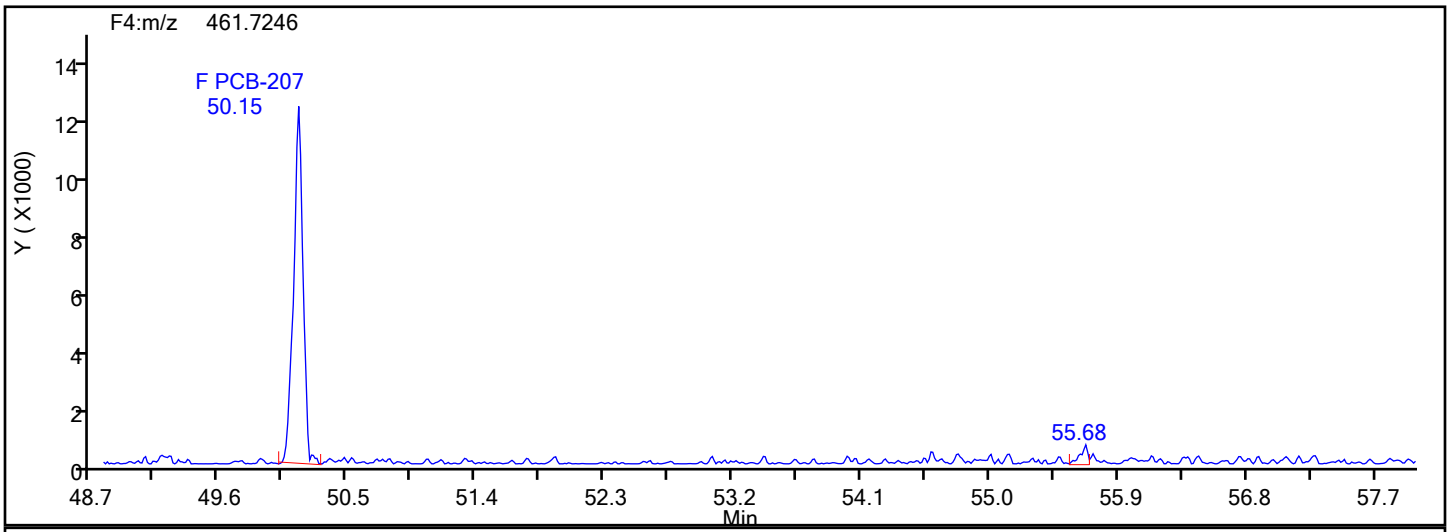


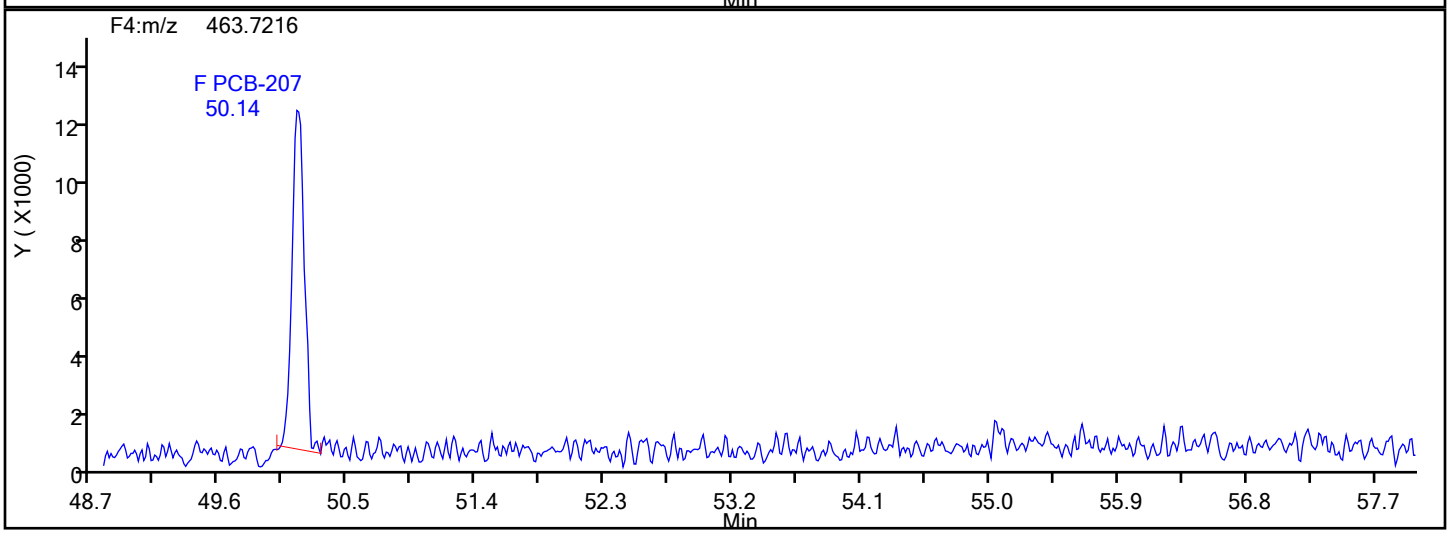
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

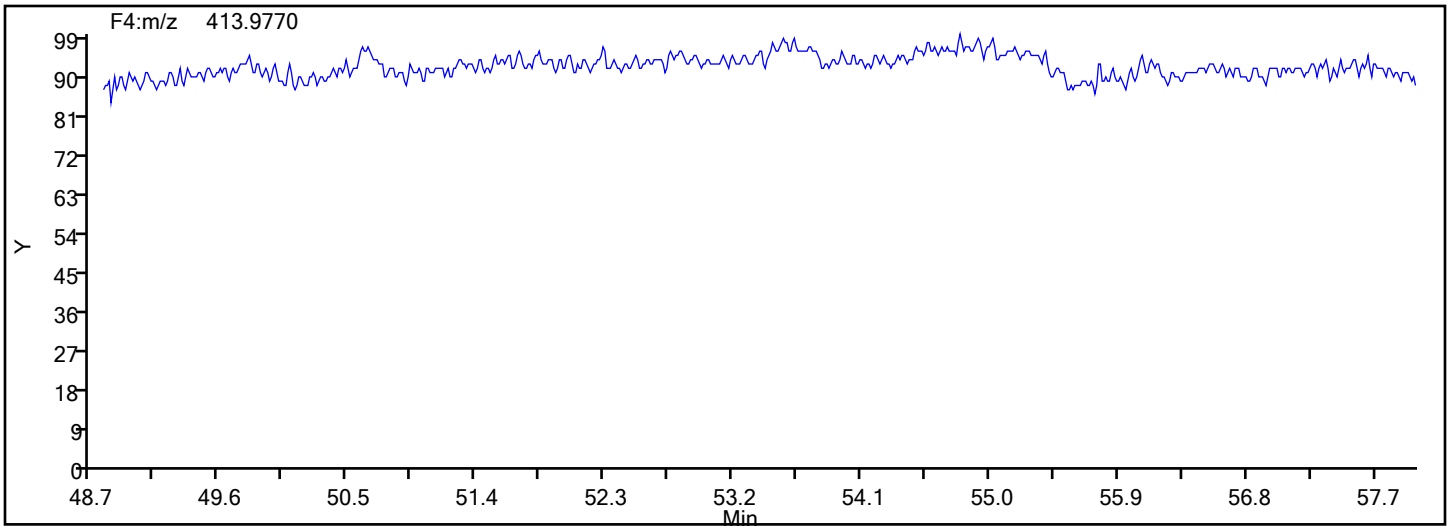
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Injection Date: 04-Jan-2024 19:07:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-01
Worklist#: 82009 Sample Line#: 11
Column Type: Column Dia:

NoPCB F4





NoPCB F4 Lock Mass

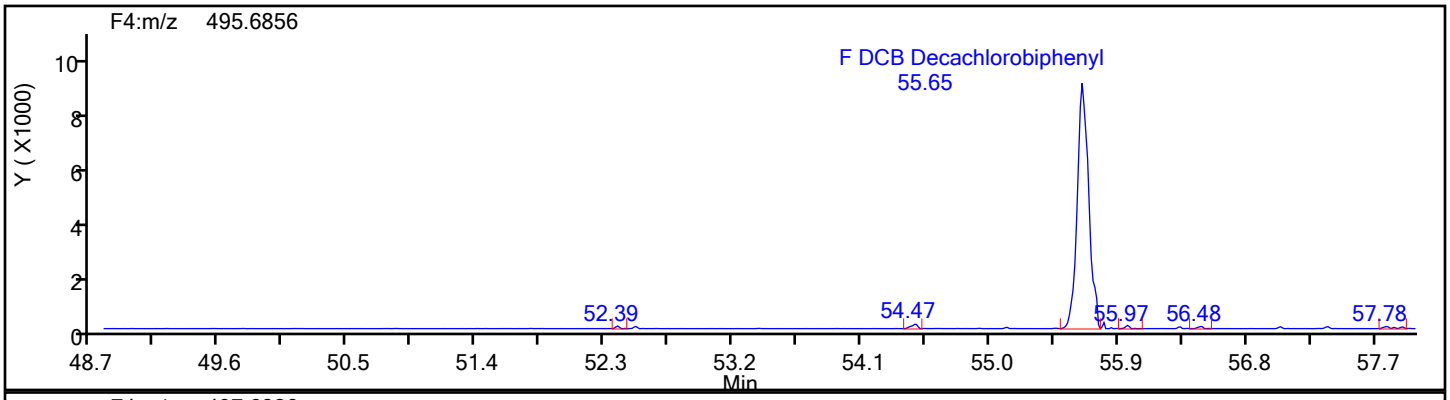


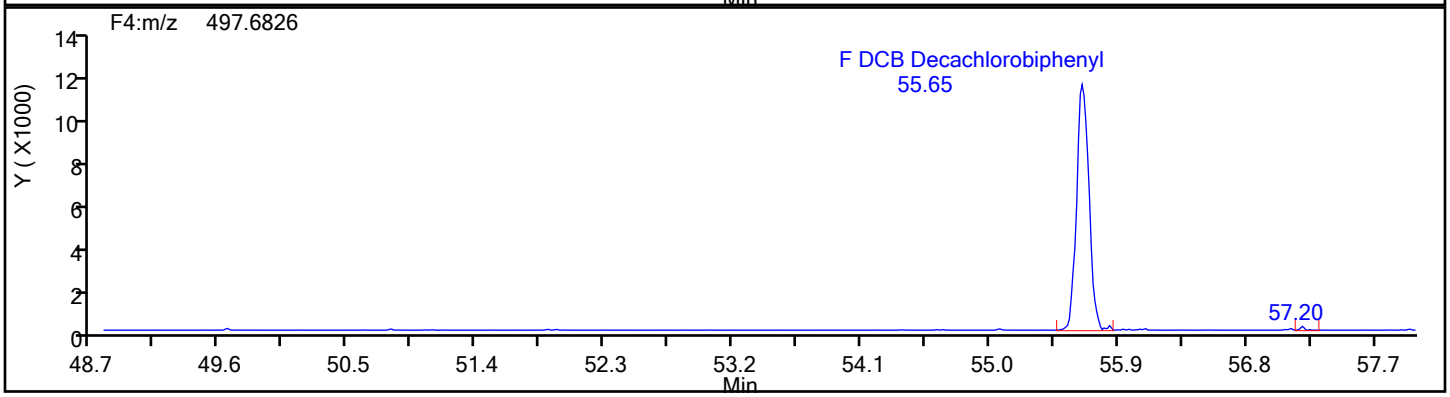
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

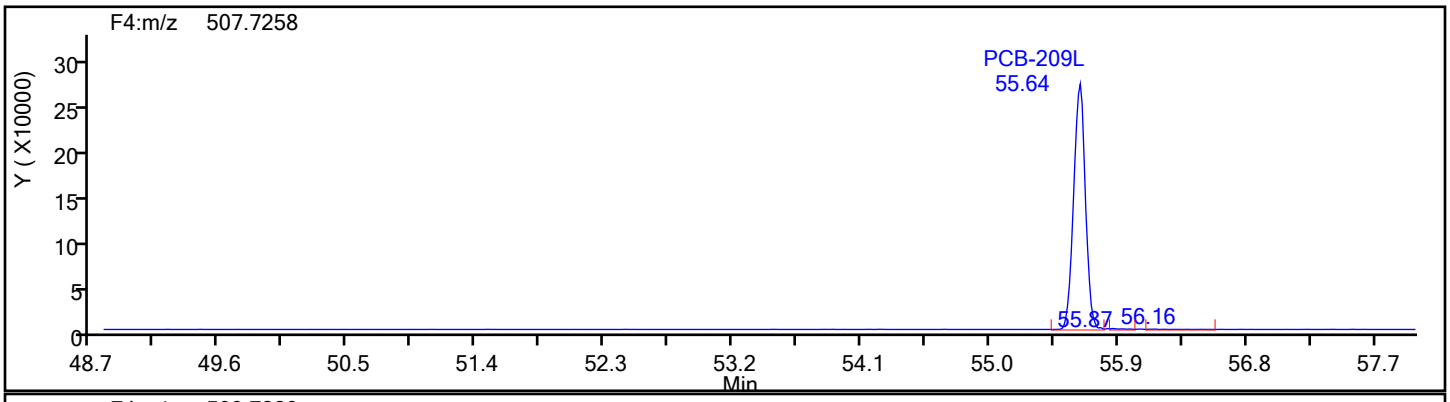
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d		
Injection Date:	04-Jan-2024 19:07:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-01		
Worklist#:	82009	Sample Line#:	11
Column Type:		Column Dia:	

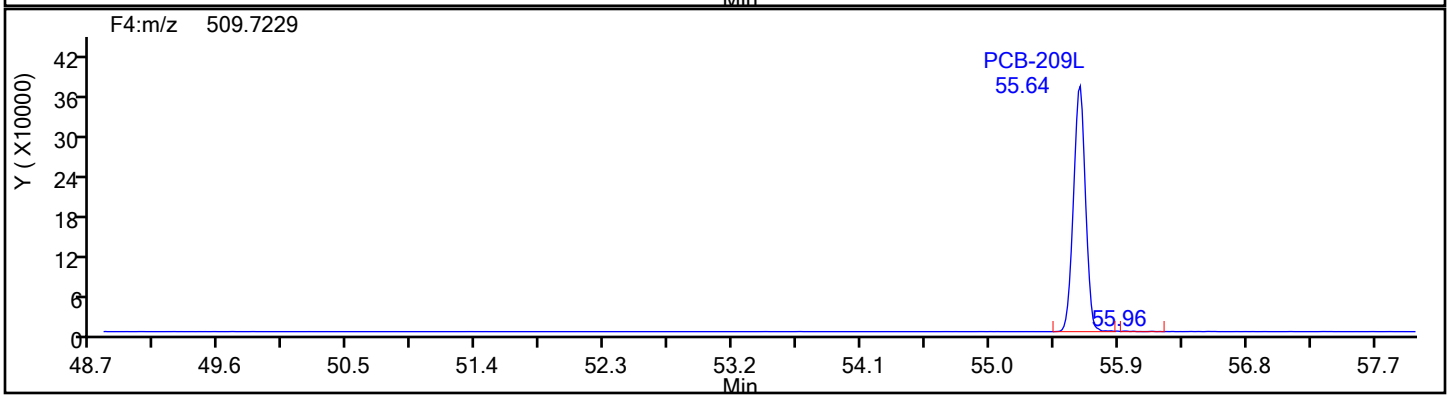
DePCB F4





DePCB F4 Standards



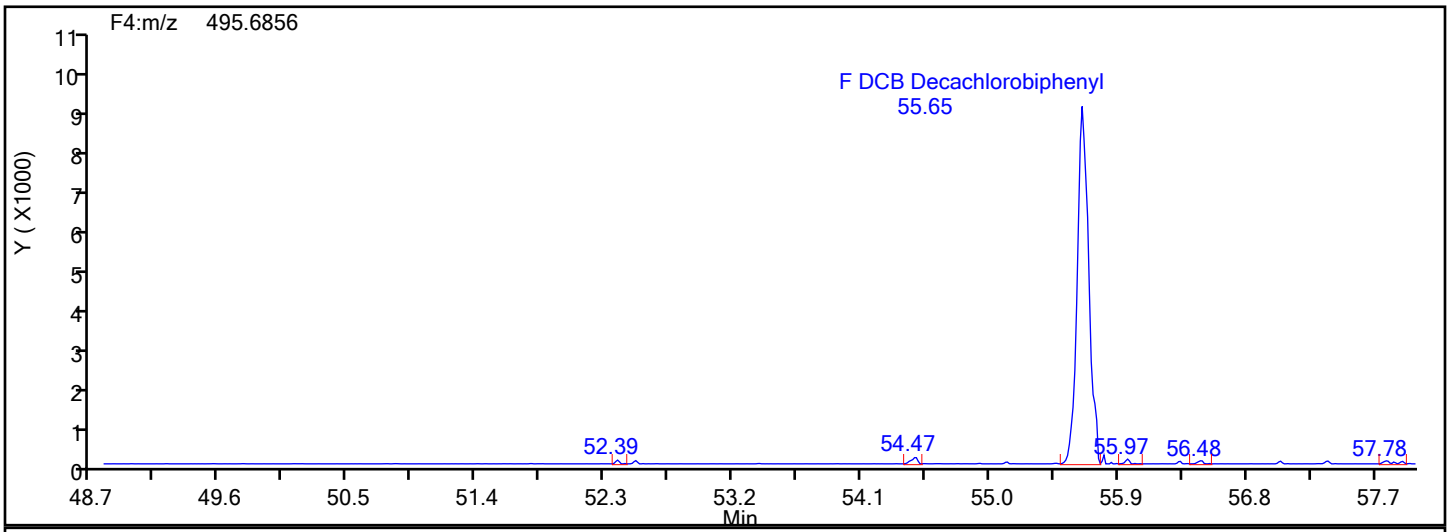


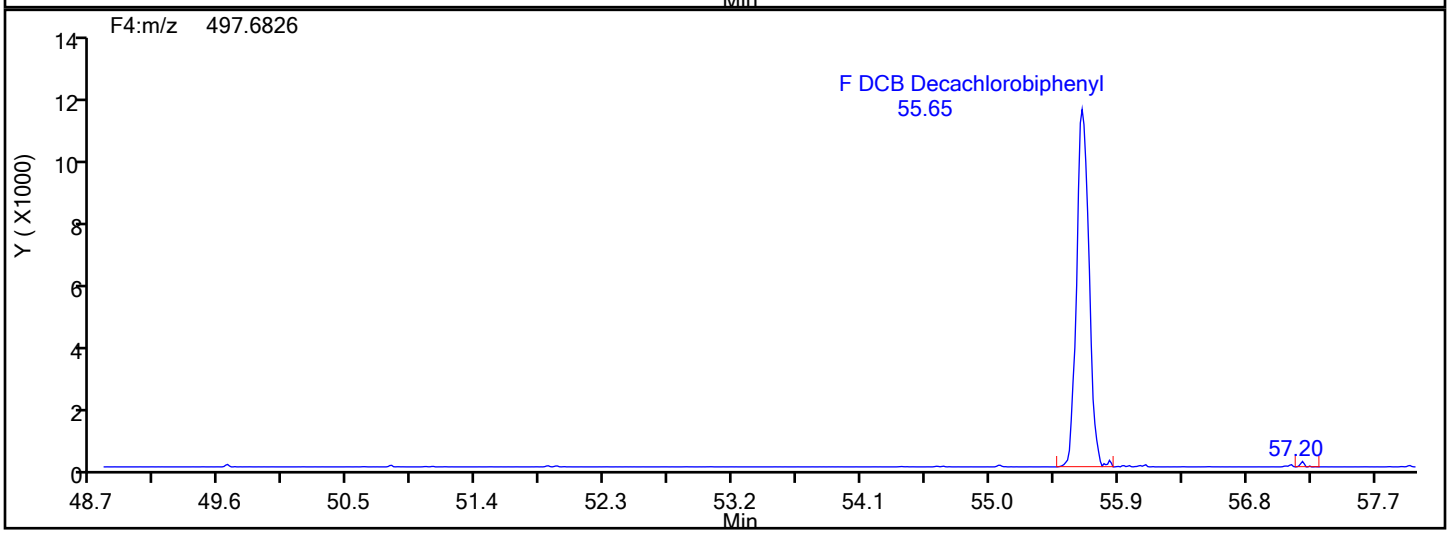
Report Date: 05-Jan-2024 01:04:46 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

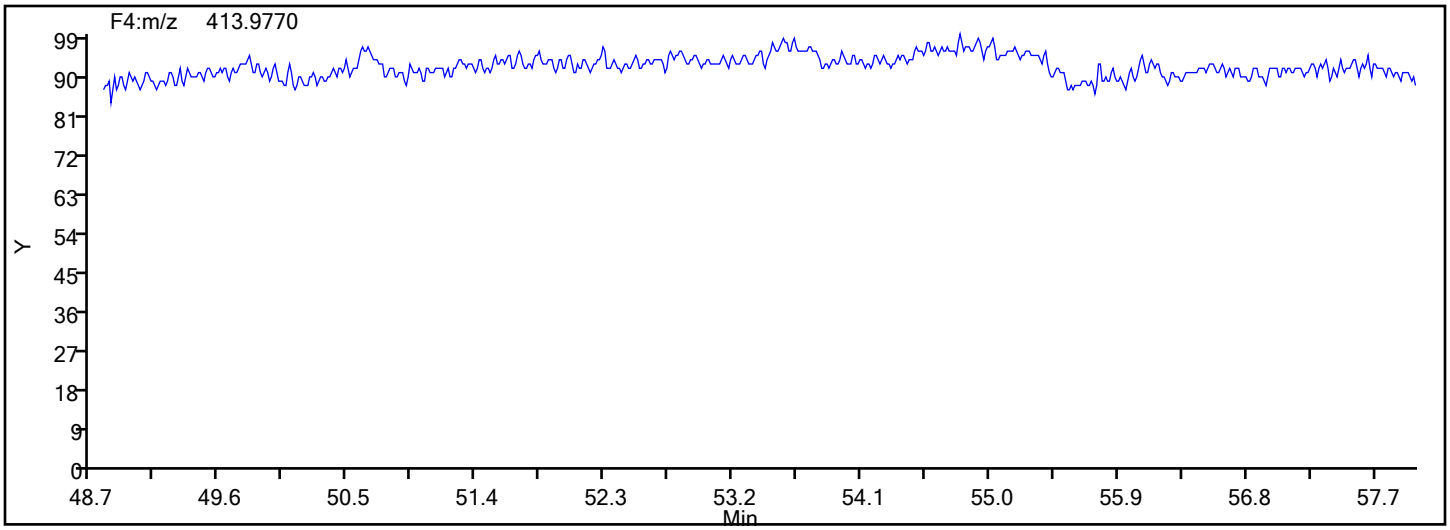
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-7-b.d
Injection Date: 04-Jan-2024 19:07:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-01
Worklist#: 82009 Sample Line#: 11
Column Type: Column Dia:

DePCB F4





DePCB F4 Lock Mass



FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-02 | Lab Sample ID: 140-34509-8

Matrix: PE | Lab File ID: 140-34509-a-8-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 10:44

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.045(g) | Date Analyzed: 01/04/2024 20:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	ND		2.2	0.043
2051-61-8	PCB-2	0.16	J q	2.2	0.048
2051-62-9	PCB-3	ND		2.2	0.058
13029-08-8	PCB-4	ND		4.4	0.17
16605-91-7	PCB-5	ND		2.2	0.18
25569-80-6	PCB-6	ND		2.2	0.15
33284-50-3	PCB-7	ND		2.2	0.18
34883-43-7	PCB-8	ND		4.4	0.14
34883-39-1	PCB-9	ND		2.2	0.16
33146-45-1	PCB-10	ND		2.2	0.19
2050-67-1	PCB-11	6.7	B	4.4	0.15
2974-92-7	PCB-12	ND	C	4.4	0.17
2974-90-5	PCB-13	ND	C12	4.4	0.17
34883-41-5	PCB-14	2500		2.2	0.17
2050-68-2	PCB-15	ND		2.2	0.19
38444-78-9	PCB-16	ND		2.2	0.098
37680-66-3	PCB-17	ND		2.2	0.097
37680-65-2	PCB-18	0.23	J C	4.4	0.065
38444-73-4	PCB-19	ND		2.2	0.091
38444-84-7	PCB-20	ND	C	4.4	0.51
55702-46-0	PCB-21	ND	C	4.4	0.51
38444-85-8	PCB-22	ND		2.2	0.47
55720-44-0	PCB-23	ND		2.2	0.55
55702-45-9	PCB-24	ND		2.2	0.067
55712-37-3	PCB-25	ND		2.2	0.44
38444-81-4	PCB-26	ND	C	4.4	0.57
38444-76-7	PCB-27	ND		2.2	0.069
7012-37-5	PCB-28	ND	C20	4.4	0.51
15862-07-4	PCB-29	ND	C26	4.4	0.57
35693-92-6	PCB-30	0.23	J C18	4.4	0.065
16606-02-3	PCB-31	ND		4.4	0.46
38444-77-8	PCB-32	ND		2.2	0.060

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-02 | Lab Sample ID: 140-34509-8

Matrix: PE | Lab File ID: 140-34509-a-8-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 10:44

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.045(g) | Date Analyzed: 01/04/2024 20:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	ND	C21	4.4	0.51
37680-68-5	PCB-34	ND		2.2	0.57
37680-69-6	PCB-35	ND		2.2	0.50
38444-87-0	PCB-36	540		2.2	0.44
38444-90-5	PCB-37	ND		2.2	0.50
53555-66-1	PCB-38	ND		2.2	0.49
38444-88-1	PCB-39	2.0	J q	2.2	0.49
38444-93-8	PCB-40	ND	C	6.7	0.082
52663-59-9	PCB-41	ND	C40	6.7	0.082
36559-22-5	PCB-42	ND		2.2	0.091
70362-46-8	PCB-43	2.9	J C	4.4	0.070
41464-39-5	PCB-44	45	C	6.7	0.074
70362-45-7	PCB-45	2.4	J C	4.4	0.088
41464-47-5	PCB-46	ND		2.2	0.11
2437-79-8	PCB-47	45	C44	6.7	0.074
70362-47-9	PCB-48	ND		2.2	0.083
41464-40-8	PCB-49	ND	C	4.4	0.070
62796-65-0	PCB-50	ND	C	4.4	0.081
68194-04-7	PCB-51	2.4	J C45	4.4	0.088
35693-99-3	PCB-52	ND		2.2	0.073
41464-41-9	PCB-53	ND	C50	4.4	0.081
15968-05-5	PCB-54	0.56	J q	2.2	0.046
74338-24-2	PCB-55	ND		2.2	0.049
41464-43-1	PCB-56	ND		2.2	0.051
70424-67-8	PCB-57	ND		2.2	0.056
41464-49-7	PCB-58	ND		2.2	0.049
74472-33-6	PCB-59	ND	C	6.7	0.062
33025-41-1	PCB-60	ND		2.2	0.059
33284-53-6	PCB-61	ND	C	8.9	0.054
54230-22-7	PCB-62	ND	C59	6.7	0.062
74472-34-7	PCB-63	ND		2.2	0.059
52663-58-8	PCB-64	ND		2.2	0.060

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-02 | Lab Sample ID: 140-34509-8

Matrix: PE | Lab File ID: 140-34509-a-8-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 10:44

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.045(g) | Date Analyzed: 01/04/2024 20:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	45	C44	6.7	0.074
32598-10-0	PCB-66	ND		2.2	0.051
73575-53-8	PCB-67	ND		2.2	0.047
73575-52-7	PCB-68	6.5		2.2	0.055
60233-24-1	PCB-69	ND	C49	4.4	0.070
32598-11-1	PCB-70	ND	C61	8.9	0.054
41464-46-4	PCB-71	ND	C40	6.7	0.082
41464-42-0	PCB-72	ND		2.2	0.054
74338-23-1	PCB-73	2.9	J C43	4.4	0.070
32690-93-0	PCB-74	ND	C61	8.9	0.054
32598-12-2	PCB-75	ND	C59	6.7	0.062
70362-48-0	PCB-76	ND	C61	8.9	0.054
32598-13-3	PCB-77	ND		2.2	0.059
70362-49-1	PCB-78	1200		2.2	0.051
41464-48-6	PCB-79	ND		2.2	0.043
33284-52-5	PCB-80	ND		2.2	0.049
70362-50-4	PCB-81	1.8	J q	2.2	0.062
52663-62-4	PCB-82	ND		2.2	0.18
60145-20-2	PCB-83	ND	C	4.4	0.17
52663-60-2	PCB-84	ND		2.2	0.22
65510-45-4	PCB-85	ND	C	6.7	0.15
55312-69-1	PCB-86	ND	C	13	0.15
38380-02-8	PCB-87	ND	C86	13	0.15
55215-17-3	PCB-88	ND	C	4.4	0.19
73575-57-2	PCB-89	ND		2.2	0.18
68194-07-0	PCB-90	ND	C	6.7	0.16
68194-05-8	PCB-91	ND	C88	4.4	0.19
52663-61-3	PCB-92	ND		2.2	0.19
73575-56-1	PCB-93	ND	C	4.4	0.19
73575-55-0	PCB-94	ND		2.2	0.22
38379-99-6	PCB-95	ND		2.2	0.19
73575-54-9	PCB-96	ND		2.2	0.13

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-02 | Lab Sample ID: 140-34509-8

Matrix: PE | Lab File ID: 140-34509-a-8-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 10:44

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.045(g) | Date Analyzed: 01/04/2024 20:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41464-51-1	PCB-97	ND	C86	13	0.15
60233-25-2	PCB-98	ND	C	4.4	0.16
38380-01-7	PCB-99	ND	C83	4.4	0.17
39485-83-1	PCB-100	ND	C93	4.4	0.19
37680-73-2	PCB-101	ND	C90	6.7	0.16
68194-06-9	PCB-102	ND	C98	4.4	0.16
60145-21-3	PCB-103	ND		2.2	0.18
56558-16-8	PCB-104	2400		2.2	0.15
32598-14-4	PCB-105	ND		2.2	0.22
70424-69-0	PCB-106	21		2.2	0.20
70424-68-9	PCB-107	ND		2.2	0.20
70362-41-3	PCB-108	ND	C	4.4	0.21
74472-35-8	PCB-109	ND	C86	13	0.15
38380-03-9	PCB-110	ND	C	4.4	0.11
39635-32-0	PCB-111	ND		2.2	0.12
74472-36-9	PCB-112	ND		2.2	0.11
68194-10-5	PCB-113	ND	C90	6.7	0.16
74472-37-0	PCB-114	ND		2.2	0.21
74472-38-1	PCB-115	ND	C110	4.4	0.11
18259-05-7	PCB-116	ND	C85	6.7	0.15
68194-11-6	PCB-117	ND	C85	6.7	0.15
31508-00-6	PCB-118	0.26	J q	2.2	0.23
56558-17-9	PCB-119	ND	C86	13	0.15
68194-12-7	PCB-120	ND		2.2	0.099
56558-18-0	PCB-121	600		2.2	0.12
76842-07-4	PCB-122	ND		2.2	0.25
65510-44-3	PCB-123	ND		2.2	0.22
70424-70-3	PCB-124	ND	C108	4.4	0.21
74472-39-2	PCB-125	ND	C86	13	0.15
57465-28-8	PCB-126	ND		2.2	0.19
39635-33-1	PCB-127	ND		2.2	0.20
38380-07-3	PCB-128	ND	C	4.4	0.17

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-02 | Lab Sample ID: 140-34509-8

Matrix: PE | Lab File ID: 140-34509-a-8-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 10:44

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.045(g) | Date Analyzed: 01/04/2024 20:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
55215-18-4	PCB-129	ND	C	8.9	0.19
52663-66-8	PCB-130	ND		2.2	0.26
61798-70-7	PCB-131	ND		2.2	0.24
38380-05-1	PCB-132	ND		2.2	0.23
35694-04-3	PCB-133	ND		2.2	0.21
52704-70-8	PCB-134	ND	C	4.4	0.24
52744-13-5	PCB-135	ND	C	4.4	0.086
38411-22-2	PCB-136	ND		2.2	0.066
35694-06-5	PCB-137	ND		2.2	0.22
35065-28-2	PCB-138	ND	C129	8.9	0.19
56030-56-9	PCB-139	ND	C	4.4	0.20
59291-64-4	PCB-140	ND	C139	4.4	0.20
52712-04-6	PCB-141	ND		2.2	0.22
41411-61-4	PCB-142	520		2.2	0.24
68194-15-0	PCB-143	ND	C134	4.4	0.24
68194-14-9	PCB-144	ND		2.2	0.087
74472-40-5	PCB-145	ND		2.2	0.059
51908-16-8	PCB-146	ND		2.2	0.18
68194-13-8	PCB-147	ND	C	4.4	0.19
74472-41-6	PCB-148	ND		2.2	0.087
38380-04-0	PCB-149	ND	C147	4.4	0.19
68194-08-1	PCB-150	ND		2.2	0.064
52663-63-5	PCB-151	ND	C135	4.4	0.086
68194-09-2	PCB-152	1.6	J	2.2	0.057
35065-27-1	PCB-153	ND	C	4.4	0.16
60145-22-4	PCB-154	1.3	J q	2.2	0.078
33979-03-2	PCB-155	690		2.2	0.069
38380-08-4	PCB-156	ND	C	4.4	0.18
69782-90-7	PCB-157	ND	C156	4.4	0.18
74472-42-7	PCB-158	ND		2.2	0.15
39635-35-3	PCB-159	2.1	J q	2.2	0.13
41411-62-5	PCB-160	ND	C129	8.9	0.19

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-02 | Lab Sample ID: 140-34509-8

Matrix: PE | Lab File ID: 140-34509-a-8-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 10:44

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.045(g) | Date Analyzed: 01/04/2024 20:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74472-43-8	PCB-161	19		2.2	0.14
39635-34-2	PCB-162	ND		2.2	0.15
74472-44-9	PCB-163	ND	C129	8.9	0.19
74472-45-0	PCB-164	ND		2.2	0.15
74472-46-1	PCB-165	3.5		2.2	0.17
41411-63-6	PCB-166	ND	C128	4.4	0.17
52663-72-6	PCB-167	ND		2.2	0.13
59291-65-5	PCB-168	ND	C153	4.4	0.16
32774-16-6	PCB-169	ND		2.2	0.12
35065-30-6	PCB-170	ND		2.2	0.12
52663-71-5	PCB-171	ND	C	4.4	0.11
52663-74-8	PCB-172	ND		2.2	0.10
68194-16-1	PCB-173	ND	C171	4.4	0.11
38411-25-5	PCB-174	ND		2.2	0.098
40186-70-7	PCB-175	ND		2.2	0.11
52663-65-7	PCB-176	ND		2.2	0.081
52663-70-4	PCB-177	ND		2.2	0.10
52663-67-9	PCB-178	ND		2.2	0.11
52663-64-6	PCB-179	ND		2.2	0.070
35065-29-3	PCB-180	ND	C	4.4	0.083
74472-47-2	PCB-181	ND		2.2	0.092
60145-23-5	PCB-182	ND		2.2	0.088
52663-69-1	PCB-183	ND	C	4.4	0.10
74472-48-3	PCB-184	1000		2.2	0.075
52712-05-7	PCB-185	ND	C183	4.4	0.10
74472-49-4	PCB-186	ND		2.2	0.066
52663-68-0	PCB-187	ND		2.2	0.084
74487-85-7	PCB-188	ND		2.2	0.074
39635-31-9	PCB-189	ND		2.2	0.098
41411-64-7	PCB-190	ND		2.2	0.075
74472-50-7	PCB-191	ND		2.2	0.077
74472-51-8	PCB-192	2700	B	2.2	0.069

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-02 | Lab Sample ID: 140-34509-8

Matrix: PE | Lab File ID: 140-34509-a-8-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 10:44

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.045(g) | Date Analyzed: 01/04/2024 20:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
69782-91-8	PCB-193	ND	C180	4.4	0.083
35694-08-7	PCB-194	ND		2.2	0.077
52663-78-2	PCB-195	ND		2.2	0.086
42740-50-1	PCB-196	ND		2.2	0.12
33091-17-7	PCB-197	15		2.2	0.090
68194-17-2	PCB-198	ND	C	4.4	0.11
52663-75-9	PCB-199	ND	C198	4.4	0.11
52663-73-7	PCB-200	1.8	J	2.2	0.098
40186-71-8	PCB-201	ND		2.2	0.099
2136-99-4	PCB-202	ND		2.2	0.094
52663-76-0	PCB-203	ND		2.2	0.098
74472-52-9	PCB-204	1600		2.2	0.085
74472-53-0	PCB-205	0.32	J q	2.2	0.063
40186-72-9	PCB-206	ND		2.2	0.20
52663-79-3	PCB-207	6.4		2.2	0.17
52663-77-1	PCB-208	ND		2.2	0.17
2051-24-3	PCB-209	7.0		2.2	0.031

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-02 | Lab Sample ID: 140-34509-8

Matrix: PE | Lab File ID: 140-34509-a-8-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 10:44

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.045(g) | Date Analyzed: 01/04/2024 20:08

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	92		30-140
208263-77-8	PCB-3L	87		30-140
234432-86-1	PCB-4L	97		30-140
208263-67-6	PCB-15L	85		30-140
234432-87-2	PCB-19L	94		30-140
208263-79-0	PCB-37L	88		30-140
234432-88-3	PCB-54L	99		30-140
105600-23-5	PCB-77L	87		30-140
208461-24-9	PCB-81L	88		30-140
234432-89-4	PCB-104L	105		30-140
208263-62-1	PCB-105L	100		30-140
208263-63-2	PCB-114L	101		30-140
104130-40-7	PCB-118L	104		30-140
208263-64-3	PCB-123L	106		30-140
208263-65-4	PCB-126L	104		30-140
234432-90-7	PCB-155L	103		30-140
208263-68-7	PCB-156L	99	C	30-140
235416-30-5	PCB-157L	99	C156	30-140
208263-69-8	PCB-167L	99		30-140
208263-70-1	PCB-169L	98		30-140
160901-80-4	PCB-170L	99		30-140
234432-91-8	PCB-188L	103		30-140
208263-73-4	PCB-189L	93		30-140
105600-26-8	PCB-202L	97		30-140
234446-64-1	PCB-205L	98		30-140
208263-75-6	PCB-206L	108		30-140
234432-92-9	PCB-208L	106		30-140
105600-27-9	PCB-209L	112		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d
Lims ID: 140-34509-A-8-B
Client ID: TRIP BLANK PW-02
Sample Type: Client
Inject. Date: 04-Jan-2024 20:08:00 ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-012
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 01:12:24 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 01:12:24

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					0.0792	0.0740	0.0222	0.0222		RQ
D PCB-1L	11:40	5848397	3.19	1.3572	92.2	92.2	0.2300	0.2300	92.24	
D PCB-3L	13:50	5729574	3.15	1.4136	86.8	86.8	0.2208	0.2208	86.76	
PCB-1	11:43						0.0191	0.0191		
PCB-2	13:40	5415	3.13	1.2638	0.0792	0.0740	0.0214	0.0214		RQM
PCB-3	13:52						0.0259	0.0259		
S Total Dichlorobiphenyls					1128.4	1128.4	0.0758	0.0758		
D PCB-4L	14:05	2795475	1.60	0.6168	97.0	97.0	0.1105	0.1105	97.01	
* PCB-9L	16:03	4671740	1.56	2E+05	100.0	100.0				
D PCB-15L	19:59	4469304	1.59	1.1198	85.4	85.4	0.0609	0.0609	85.44	
PCB-4	14:07						0.0766	0.0766		
PCB-10	14:17						0.0855	0.0855		
PCB-9	16:05						0.0724	0.0724		
PCB-7	16:15						0.0791	0.0791		
PCB-6	16:30						0.0660	0.0660		
PCB-5	16:48						0.0809	0.0809		
PCB-8	16:56						0.0649	0.0649		
PCB-14	18:32	52584251	1.61	1.2864	1125.3	1125.3	0.0767	0.0767		
PCB-11	19:23	158249	1.59	1.4418	3.022	3.022	0.0685	0.0685		
PCB-12	19:43						0.0762	0.0762		
PCB-13 (C12)	19:43						0.0762	0.0762		
PCB-15	20:00						0.0874	0.0874		
S Total Trichlorobiphenyls					245.4	245.2	0.1587	0.1587		RQ
D PCB-19L	17:11	1825945	1.03	0.6075	94.3	94.3	0.8170	0.8170	94.28	
* PCB-32L	20:27	3187807	1.05	1.4E+05	100.0	100.0				
* PCB-31L	22:43	6545818	1.03	3.1E+05	100.0	100.0				
$ PCB-28L	23:01						0.1462	0.1462		
D PCB-37L	27:02	5153511	1.04	0.8960	87.9	87.9	0.1613	0.1613	87.87	
PCB-19	17:13						0.0412	0.0412		
PCB-18	19:05	3395	0.95	1.8076	0.1029	0.1029	0.0294	0.0294		M
PCB-30 (C18)	19:05	3395	0.95	1.8076	0.1029	0.1029	0.0294	0.0294		M
PCB-17	19:30						0.0437	0.0437		
PCB-27	19:43						0.0310	0.0310		
PCB-24	19:51						0.0299	0.0299		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:58						0.0443	0.0443		
PCB-32	20:29						0.0270	0.0270		
PCB-34	21:44						0.2547	0.2547		
PCB-23	21:53						0.2488	0.2488		
PCB-26	22:13						0.2560	0.2560		
PCB-29 (C26)	22:13						0.2560	0.2560		
PCB-25	22:26						0.1977	0.1977		
PCB-31	22:44						0.2077	0.2077		
PCB-20	23:03						0.2316	0.2316		
PCB-28 (C20)	23:03						0.2316	0.2316		
PCB-21	23:13						0.2285	0.2285		
PCB-33 (C21)	23:13						0.2285	0.2285		
PCB-22	23:40						0.2136	0.2136		
PCB-36	25:13	16298592	0.97	1.2953	244.2	244.2	0.1984	0.1984		M
PCB-39	25:35	54401	1.04	1.1621	1.171	0.9084	0.2211	0.2211		RQM
PCB-38	26:10						0.2185	0.2185		
PCB-35	26:39						0.2272	0.2272		
PCB-37	27:02						0.2244	0.2244		
S Total Tetrachlorobiphenyls					555.1	554.9	0.0285	0.0285		RQ
D PCB-54L	20:16	2127301	0.81	0.6773	98.5	98.5	0.0451	0.0451	98.53	
* PCB-52L	24:50	4050378	0.79	1.6E+05	100.0	100.0				
D PCB-81L	33:47	4829988	0.79	1.3497	88.4	88.4	0.0994	0.0994	88.35	
D PCB-77L	34:20	5032771	0.78	1.4256	87.2	87.2	0.0941	0.0941	87.16	
PCB-54	20:17	6411	0.77	1.2064	0.2874	0.2498	0.0206	0.0206		RQ
PCB-50	22:29						0.0366	0.0366		
PCB-53 (C50)	22:29						0.0366	0.0366		
PCB-45	23:12	38064	0.75	0.7052	1.095	1.095	0.0398	0.0398		M
PCB-51 (C45)	23:12	38064	0.75	0.7052	1.095	1.095	0.0398	0.0398		M
PCB-46	23:27						0.0475	0.0475		
PCB-52	24:52						0.0331	0.0331		
PCB-43	25:00	56514	0.77	0.8936	1.283	1.283	0.0314	0.0314		
PCB-73 (C43)	25:00	56514	0.77	0.8936	1.283	1.283	0.0314	0.0314		
PCB-49	25:19						0.0314	0.0314		
PCB-69 (C49)	25:19						0.0314	0.0314		
PCB-48	25:38						0.0374	0.0374		
PCB-44	25:48	830208	0.81	0.8388	20.1	20.1	0.0335	0.0335		
PCB-47 (C44)	25:48	830208	0.81	0.8388	20.1	20.1	0.0335	0.0335		
PCB-65 (C44)	25:48	830208	0.81	0.8388	20.1	20.1	0.0335	0.0335		
PCB-59	26:11						0.0280	0.0280		
PCB-62 (C59)	26:11						0.0280	0.0280		
PCB-75 (C59)	26:11						0.0280	0.0280		
PCB-42	26:23						0.0408	0.0408		
PCB-40	26:52						0.0368	0.0368		
PCB-41 (C40)	26:52						0.0368	0.0368		
PCB-71 (C40)	26:52						0.0368	0.0368		
PCB-64	27:06						0.0272	0.0272		
PCB-72	27:56						0.0242	0.0242		
PCB-68	28:13	162319	0.85	1.1249	2.926	2.926	0.0250	0.0250		M
PCB-57	28:38						0.0253	0.0253		
PCB-58	28:53						0.0218	0.0218		
PCB-67	29:03						0.0211	0.0211		
PCB-63	29:19						0.0264	0.0264		
PCB-61	29:39						0.0243	0.0243		
PCB-70 (C61)	29:39						0.0243	0.0243		
PCB-74 (C61)	29:39						0.0243	0.0243		
PCB-76 (C61)	29:39						0.0243	0.0243		
PCB-66	29:58						0.0228	0.0228		
PCB-55	30:08						0.0222	0.0222		
PCB-56	30:39						0.0231	0.0231		
PCB-60	30:51						0.0266	0.0266		
PCB-80	31:16						0.0220	0.0220		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:48						0.0194	0.0194		
PCB-78	33:21	31574302	0.79	1.2116	528.4	528.4	0.0232	0.0232		
PCB-81	33:47	39104	0.77	1.0148	0.9858	0.7978	0.0279	0.0279		RQM
PCB-77	34:21						0.0265	0.0265		
S Total Pentachlorobiphenyls					1355.3	1355.2	0.0797	0.0797		RQ
D PCB-104L	25:46	3768202	1.61	1.1880	105.4	105.4	0.0422	0.0422	105	
* PCB-101L	31:41	3008364	1.62	1.2E+05	100.0	100.0				
$ PCB-111L	34:22						0.0425	0.0425		
D PCB-123L	36:20	4910154	1.58	0.9399	105.6	105.6	0.7519	0.7519	106	
D PCB-118L	36:39	5047474	1.59	0.9794	104.1	104.1	0.7216	0.7216	104	
D PCB-114L	37:11	4905855	1.55	0.9767	101.5	101.5	0.7236	0.7236	101	
D PCB-105L	37:50	4746051	1.58	0.9600	99.9	99.9	0.7361	0.7361	99.89	
* PCB-127L	39:18	4948839	1.57	2.1E+05	100.0	100.0				
D PCB-126L	40:55	4904907	1.59	0.9554	103.7	103.7	0.7397	0.7397	104	
PCB-104	25:48	40811192	1.60	1.0054	1077.2	1077.2	0.0673	0.0673		
PCB-96	26:13						0.0588	0.0588		U
PCB-103	28:07						0.0813	0.0813		
PCB-94	28:20						0.0974	0.0974		
PCB-95	28:47						0.0854	0.0854		
PCB-93	28:59						0.0864	0.0864		
PCB-100 (C93)	28:59						0.0864	0.0864		
PCB-98	29:08						0.0737	0.0737		
PCB-102 (C98)	29:08						0.0737	0.0737		
PCB-88	29:38						0.0844	0.0844		
PCB-91 (C88)	29:38						0.0844	0.0844		
PCB-84	29:51						0.0987	0.0987		
PCB-89	30:20						0.0798	0.0798		
PCB-121	30:46	12999491	1.58	1.2839	268.7	268.7	0.0527	0.0527		
PCB-92	31:08						0.0867	0.0867		
PCB-90	31:41						0.0709	0.0709		
PCB-101 (C90)	31:41						0.0709	0.0709		
PCB-113 (C90)	31:41						0.0709	0.0709		
PCB-83	32:17						0.0765	0.0765		
PCB-99 (C83)	32:17						0.0765	0.0765		
PCB-112	32:25						0.0478	0.0478		
PCB-86	32:46						0.0658	0.0658		
PCB-87 (C86)	32:46						0.0658	0.0658		
PCB-97 (C86)	32:46						0.0658	0.0658		
PCB-109 (C86)	32:46						0.0658	0.0658		
PCB-119 (C86)	32:46						0.0658	0.0658		
PCB-125 (C86)	32:46						0.0658	0.0658		
PCB-85	33:30						0.0661	0.0661		
PCB-116 (C85)	33:30						0.0661	0.0661		
PCB-117 (C85)	33:30						0.0661	0.0661		
PCB-110	33:44						0.0499	0.0499		
PCB-115 (C110)	33:44						0.0499	0.0499		
PCB-82	34:00						0.0794	0.0794		
PCB-111	34:23						0.0554	0.0554		
PCB-120	34:51						0.0447	0.0447		
PCB-108	35:59						0.0966	0.0966		
PCB-124 (C108)	35:59						0.0966	0.0966		
PCB-107	36:14						0.0878	0.0878		
PCB-123	36:21						0.0984	0.0984		
PCB-106	36:29	529740	1.50	1.1708	9.228	9.228	0.0900	0.0900		M
PCB-118	36:42	6033	1.55	1.0261	0.1660	0.1165	0.1014	0.1014		RQMa
PCB-122	37:01						0.1138	0.1138		
PCB-114	37:12						0.0966	0.0966		
PCB-105	37:51						0.1006	0.1006		
PCB-127	39:20						0.0891	0.0891		
PCB-126	40:56						0.0868	0.0868		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					561.0	560.9	0.0691	0.0691		RQ
D PCB-155L	31:27	3532563	1.25	1.1357	103.4	103.4	0.0318	0.0318	103	
* PCB-138L	39:47	3791167	1.28	1.5E+05	100.0	100.0				
D PCB-167L	42:47	4743284	1.27	1.2662	98.8	98.8	0.4300	0.4300	98.81	
D PCB-156L	43:56	9380520	1.29	1.2515	197.7	197.7	0.4351	0.4351	98.85	
D PCB-157L (C156L)	43:56	9380520	1.29	1.2515	197.7	197.7	0.4351	0.4351	98.85	
D PCB-169L	47:10	4874565	1.27	1.3070	98.4	98.4	0.4166	0.4166	98.37	
PCB-155	31:28	10257836	1.27	0.9289	312.6	312.6	0.0310	0.0310		M
PCB-152	31:40	27922	1.11	1.1242	0.7031	0.7031	0.0256	0.0256		Ma
PCB-150	31:50						0.0289	0.0289		
PCB-136	32:12						0.0299	0.0299		
PCB-145	32:30						0.0267	0.0267		
PCB-148	34:00						0.0390	0.0390		
PCB-135	34:39						0.0388	0.0388		
PCB-151 (C135)	34:39						0.0388	0.0388		
PCB-154	34:52	17145	1.24	0.8223	0.6646	0.5902	0.0350	0.0350		RQ
PCB-144	35:10						0.0391	0.0391		
PCB-147	35:32						0.0858	0.0858		
PCB-149 (C147)	35:32						0.0858	0.0858		
PCB-134	35:49						0.1087	0.1087		
PCB-143 (C134)	35:49						0.1087	0.1087		
PCB-139	36:07						0.0884	0.0884		
PCB-140 (C139)	36:07						0.0884	0.0884		
PCB-131	36:19						0.1080	0.1080		
PCB-142	36:29	7574006	1.27	0.6760	235.9	235.9	0.1096	0.1096		
PCB-132	36:47						0.1049	0.1049		
PCB-133	37:17						0.0953	0.0953		
PCB-165	37:42	72447	1.27	0.9584	1.592	1.592	0.0773	0.0773		
PCB-146	37:56						0.0808	0.0808		
PCB-161	38:04	463214	1.29	1.1406	8.551	8.551	0.0649	0.0649		M
PCB-153	38:34						0.0707	0.0707		
PCB-168 (C153)	38:34						0.0707	0.0707		
PCB-141	38:44						0.0977	0.0977		
PCB-130	39:09						0.1165	0.1165		
PCB-137	39:22						0.0983	0.0983		
PCB-164	39:29						0.0663	0.0663		
PCB-129	39:48						0.0839	0.0839		
PCB-138 (C129)	39:48						0.0839	0.0839		
PCB-160 (C129)	39:48						0.0839	0.0839		
PCB-163 (C129)	39:48						0.0839	0.0839		
PCB-158	40:11						0.0654	0.0654		
PCB-128	41:01						0.0778	0.0778		
PCB-166 (C128)	41:01						0.0778	0.0778		
PCB-159	42:02	57800	1.24	1.3072	1.017	0.9310	0.0567	0.0567		RQM
PCB-162	42:19						0.0677	0.0677		
PCB-167	42:47						0.0572	0.0572		
PCB-156	43:56						0.0819	0.0819		
PCB-157 (C156)	43:56						0.0819	0.0819		
PCB-169	47:11						0.0528	0.0528		
S Total Heptachlorobiphenyls					1651.9	1651.9	0.0403	0.0403		
D PCB-188L	37:11	4048659	1.07	1.2605	102.8	102.8	0.0430	0.0430	103	
$ PCB-178L	40:14						0.0648	0.0648		
* PCB-180L	45:19	3124506	1.07	1.2E+05	100.0	100.0				
D PCB-170L	46:34	2632984	1.07	0.8524	98.9	98.9	0.0636	0.0636	98.86	
D PCB-189L	49:41	5466313	1.05	1.4740	92.9	92.9	1.057	1.057	92.92	
PCB-188	37:12						0.0335	0.0335		
PCB-179	37:32						0.0313	0.0313		
PCB-184	38:04	19547927	1.06	1.2996	450.2	450.2	0.0337	0.0337		
PCB-176	38:25						0.0366	0.0366		
PCB-186	38:52						0.0298	0.0298		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:16						0.0497	0.0497		
PCB-175	40:53						0.0485	0.0485		
PCB-187	41:09						0.0380	0.0380		
PCB-182	41:21						0.0396	0.0396		
PCB-183	41:45						0.0451	0.0451		
PCB-185 (C183)	41:45						0.0451	0.0451		
PCB-174	42:00						0.0439	0.0439		
PCB-177	42:26						0.0456	0.0456		
PCB-181	42:49						0.0414	0.0414		
PCB-171	43:03						0.0489	0.0489		
PCB-173 (C171)	43:03						0.0489	0.0489		
PCB-172	44:41						0.0472	0.0472		
PCB-192	44:58	56727388	1.05	1.4131	1201.7	1201.7	0.0310	0.0310		
PCB-180	45:18						0.0375	0.0375		
PCB-193 (C180)	45:18						0.0375	0.0375		
PCB-191	45:41						0.0345	0.0345		
PCB-170	46:36						0.0528	0.0528		
PCB-190	47:06						0.0337	0.0337		
PCB-189	49:42						0.0442	0.0442		
S Total Octachlorobiphenyls					723.4	723.4	0.0416	0.0416		RQ
D PCB-202L	42:33	3134199	0.90	1.0390	96.5	96.5	0.0250	0.0250	96.54	
* PCB-194L	51:48	3991090	0.92	1.5E+05	100.0	100.0				
D PCB-205L	52:16	4771411	0.90	1.2166	98.3	98.3	0.6568	0.6568	98.27	
PCB-202	42:34						0.0423	0.0423		
PCB-201	43:29						0.0445	0.0445		
PCB-204	44:10	24945132	0.91	1.1119	715.8	715.8	0.0383	0.0383		
PCB-197	44:23	217925	0.87	1.0487	6.630	6.630	0.0406	0.0406		M
PCB-200	44:30	24580	0.76	0.9671	0.8109	0.8109	0.0441	0.0441		Ma
PCB-198	47:17						0.0483	0.0483		
PCB-199 (C198)	47:17						0.0483	0.0483		
PCB-196	47:57						0.0541	0.0541		
PCB-203	48:09						0.0439	0.0439		
PCB-195	49:28						0.0386	0.0386		
PCB-194	51:49						0.0346	0.0346		
PCB-205	52:16	7679	0.89	1.1267	0.1589	0.1428	0.0284	0.0284		RQ
S Total Nonachlorobiphenyls					2.883	2.883	0.0818	0.0818		
D PCB-208L	49:14	4342147	0.80	1.0234	106.3	106.3	0.9517	0.9517	106	
D PCB-206L	54:01	3141477	0.80	0.7298	107.8	107.8	1.334	1.334	108	
PCB-208	49:14						0.0778	0.0778		
PCB-207	50:11	132986	0.70	1.2328	2.883	2.883	0.0770	0.0770		
PCB-206	54:02						0.0906	0.0906		
D PCB-209L	55:39	3385237	0.73	0.7565	112.1	112.1	0.0403	0.0403	112	
DCB Decachlorobiphenyl	55:40	110772	0.68	1.0418	3.141	3.141	0.0138	0.0138		
S Polychlorinated biphenyls, Total					6226.5	3.141	0.0655	0.0655		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- U - Marked Undetected
- a - User Assigned ID

Report Date: 05-Jan-2024 01:12:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d
Lims ID: 140-34509-A-8-B
Client ID: TRIP BLANK PW-02
Sample Type: Client
Inject. Date: 04-Jan-2024 20:08:00 ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-012
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 01:12:24 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 01:12:24

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:40	11:40	-2	0.727	4451884	1580450	684	1710	2311		
202.0766	11:40	11:40	-2	0.727	1396513	508024	804	2010	632	3.19(2.66-3.60)	
PCB-3L											
200.0795	13:50	13:49	-1	0.862	4348293	1169846	684	1710	1710		
202.0766	13:50	13:49	-1	0.862	1381281	363385	804	2010	452	3.15(2.66-3.60)	
PCB-1											
188.0393	11:41						127	317			
190.0363	11:41						69	172			
PCB-2											RQM
188.0393	13:40	13:40	-2	0.988	4104	1071	127	317	8		M
190.0363	13:40	13:40	-2	0.988	1691	500	69	172	7	2.43(2.66-3.60)	M
	Empc Correction				1311	342	69	172	5		
PCB-3											
188.0393	13:51						127	317			
190.0363	13:51						69	172			
PCB-4L											
234.0406	14:05	14:04	-1	0.878	1721703	494607	206	515	2401		
236.0376	14:05	14:04	-1	0.878	1073772	307893	119	297	2587	1.60(1.33-1.79)	
PCB-9L											
234.0406	16:03	16:04	-2		2847177	723316	206	515	3511		
236.0376	16:03	16:04	-2		1824563	468370	119	297	3936	1.56(1.33-1.79)	
PCB-15L											
234.0406	19:59	19:56	0	1.246	2746622	482779	206	515	2344		
236.0376	19:58	19:56	-1	1.245	1722682	309034	119	297	2597	1.59(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-4											
222.0003	14:06						112	280			
223.9974	14:06						203	507			
PCB-10											
222.0003	14:16						112	280			
223.9974	14:16						203	507			
PCB-9											
222.0003	16:04						112	280			
223.9974	16:04						203	507			
PCB-7											
222.0003	16:14						112	280			
223.9974	16:14						203	507			
PCB-6											
222.0003	16:29						112	280			
223.9974	16:29						203	507			
PCB-5											
222.0003	16:47						112	280			
223.9974	16:47						203	507			
PCB-8											
222.0003	16:55						112	280			
223.9974	16:55						203	507			
PCB-14											
222.0003	18:32	18:31	-1	0.927	32402514	7339355	112	280	65530		
223.9974	18:32	18:31	-1	0.927	20181737	4585559	203	507	22589	1.61(1.33-1.79)	
PCB-11											
222.0003	19:23	19:21	0	0.970	97110	12794	112	280	114		
223.9974	19:22	19:21	-1	0.969	61139	7031	203	507	35	1.59(1.33-1.79)	
PCB-12											
222.0003	19:43						112	280			
223.9974	19:43						203	507			
PCB-13 (C12)											
222.0003	19:43						112	280			
223.9974	19:43						203	507			
PCB-15											
222.0003	20:00						112	280			
223.9974	20:00						203	507			
PCB-19L											
268.0016	17:11	17:11	-1	0.841	926524	228418	927	2317	246		
269.9986	17:11	17:11	-1	0.841	899421	217772	438	1095	497	1.03(0.88-1.20)	
PCB-32L											
268.0016	20:27	20:27	0		1630891	351022	927	2317	379		
269.9986	20:27	20:27	0		1556916	336406	438	1095	768	1.05(0.88-1.20)	
PCB-31L											
268.0016	22:43	22:43	0		3321810	646723	405	1012	1597		
269.9986	22:43	22:43	0		3224008	630033	333	832	1892	1.03(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-28L											
268.0016	23:00						405	1012			
269.9986	23:00						333	832			
PCB-37L											
268.0016	27:02	27:00	0	1.190	2633226	441566	405	1012	1090		
269.9986	27:02	27:00	0	1.190	2520285	418550	333	832	1257	1.04(0.88-1.20)	
PCB-19											
255.9613	17:12						52	130			
257.9584	17:12						43	107			
PCB-18											M
255.9613	19:05	19:05	1	1.110	1650	373	52	130	7		
257.9584	19:05	19:05	1	1.110	1745	674	43	107	16	0.95(0.88-1.20)	M
PCB-30 (C18)											M
255.9613	19:05	19:05	1	1.110	1650	373	52	130	7		
257.9584	19:05	19:05	1	1.110	1745	674	43	107	16	0.95(0.88-1.20)	M
PCB-17											
255.9613	19:29						52	130			
257.9584	19:29						43	107			
PCB-27											
255.9613	19:42						52	130			
257.9584	19:42						43	107			
PCB-24											
255.9613	19:50						52	130			
257.9584	19:50						43	107			
PCB-16											
255.9613	19:57						52	130			
257.9584	19:57						43	107			
PCB-32											
255.9613	20:28						52	130			
257.9584	20:28						43	107			
PCB-34											
255.9613	21:43						542	1355			
257.9584	21:43						342	855			
PCB-23											
255.9613	21:52						542	1355			
257.9584	21:52						342	855			
PCB-26											
255.9613	22:11						542	1355			
257.9584	22:11						342	855			
PCB-29 (C26)											
255.9613	22:11						542	1355			
257.9584	22:11						342	855			
PCB-25											
255.9613	22:26						542	1355			
257.9584	22:26						342	855			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31											
255.9613	22:44						542	1355			
257.9584	22:44						342	855			
PCB-20											
255.9613	23:03						542	1355			
257.9584	23:03						342	855			
PCB-28 (C20)											
255.9613	23:03						542	1355			
257.9584	23:03						342	855			
PCB-21											
255.9613	23:13						542	1355			
257.9584	23:13						342	855			
PCB-33 (C21)											
255.9613	23:13						542	1355			
257.9584	23:13						342	855			
PCB-22											
255.9613	23:40						542	1355			
257.9584	23:40						342	855			
PCB-36											M
255.9613	25:13	25:13	0	0.933	8045034	1495238	542	1355	2759		M
257.9584	25:13	25:13	0	0.933	8253558	1518500	342	855	4440	0.97(0.88-1.20)	M
PCB-39											RQM
255.9613	25:35	25:34	-1	0.947	27734	6192	542	1355	11		M
257.9584	25:34	25:34	-2	0.946	42377	6846	342	855	20	0.65(0.88-1.20)	M
	Empc Correction				26667	5953	342	855	17		
PCB-38											
255.9613	26:10						542	1355			
257.9584	26:10						342	855			
PCB-35											
255.9613	26:39						542	1355			
257.9584	26:39						342	855			
PCB-37											
255.9613	27:02						542	1355			
257.9584	27:02						342	855			
PCB-54L											
301.9626	20:16	20:16	-1	0.816	950924	211704	39	97	5428		
303.9597	20:16	20:16	-1	0.816	1176377	250460	45	112	5566	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:50	24:51	0		1781911	354231	157	392	2256		
303.9597	24:50	24:51	0		2268467	454317	277	692	1640	0.79(0.65-0.89)	
PCB-81L											
301.9626	33:47	33:44	1	1.360	2133840	367498	157	392	2341		
303.9597	33:47	33:44	1	1.360	2696148	469542	277	692	1695	0.79(0.65-0.89)	
PCB-77L											
301.9626	34:20	34:18	1	1.382	2202662	374043	157	392	2382		
303.9597	34:20	34:18	1	1.382	2830109	477536	277	692	1724	0.78(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-54											RQ
289.9224	20:17	20:17	-2	1.000	2789	836	26	65	32		
291.9194	20:17	20:17	-1	1.001	4586	1165	20	50	58	0.61(0.65-0.89)	
	Empc Correction				3622	1085	20	50	54		
PCB-50											
289.9224	22:28						39	97			
291.9194	22:28						56	140			
PCB-53 (C50)											
289.9224	22:28						39	97			
291.9194	22:28						56	140			
PCB-45											M
289.9224	23:12	23:12	-1	1.145	16298	3460	39	97	89		
291.9194	23:12	23:12	0	1.145	21766	4691	56	140	84	0.75(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:12	23:12	-1	1.145	16298	3460	39	97	89		
291.9194	23:12	23:12	0	1.145	21766	4691	56	140	84	0.75(0.65-0.89)	M
PCB-46											
289.9224	23:26						39	97			
291.9194	23:26						56	140			
PCB-52											
289.9224	24:51						39	97			
291.9194	24:51						56	140			
PCB-43											
289.9224	25:00	25:01	0	1.234	24559	4650	39	97	119		
291.9194	25:01	25:01	1	1.235	31955	6334	56	140	113	0.77(0.65-0.89)	
PCB-73 (C43)											
289.9224	25:00	25:01	0	1.234	24559	4650	39	97	119		
291.9194	25:01	25:01	1	1.235	31955	6334	56	140	113	0.77(0.65-0.89)	
PCB-49											
289.9224	25:18						39	97			
291.9194	25:18						56	140			
PCB-69 (C49)											
289.9224	25:18						39	97			
291.9194	25:18						56	140			
PCB-48											
289.9224	25:37						39	97			
291.9194	25:37						56	140			
PCB-44											
289.9224	25:48	25:46	-5	1.273	372175	78780	39	97	2020		
291.9194	25:48	25:46	-5	1.273	458033	95778	56	140	1710	0.81(0.65-0.89)	
PCB-47 (C44)											
289.9224	25:48	25:46	-5	1.273	372175	78780	39	97	2020		
291.9194	25:48	25:46	-5	1.273	458033	95778	56	140	1710	0.81(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:48	25:46	-5	1.273	372175	78780	39	97	2020		
291.9194	25:48	25:46	-5	1.273	458033	95778	56	140	1710	0.81(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-59											
289.9224	26:10						39	97			
291.9194	26:10						56	140			
PCB-62 (C59)											
289.9224	26:10						39	97			
291.9194	26:10						56	140			
PCB-75 (C59)											
289.9224	26:10						39	97			
291.9194	26:10						56	140			
PCB-42											
289.9224	26:22						39	97			
291.9194	26:22						56	140			
PCB-40											
289.9224	26:51						39	97			
291.9194	26:51						56	140			
PCB-41 (C40)											
289.9224	26:51						39	97			
291.9194	26:51						56	140			
PCB-71 (C40)											
289.9224	26:51						39	97			
291.9194	26:51						56	140			
PCB-64											
289.9224	27:04						39	97			
291.9194	27:04						56	140			
PCB-72											
289.9224	27:57						39	97			
291.9194	27:57						56	140			
PCB-68											M
289.9224	28:13	28:13	0	0.835	74419	14231	39	97	365		M
291.9194	28:13	28:13	0	0.835	87900	16163	56	140	289	0.85(0.65-0.89)	
PCB-57											
289.9224	28:39						39	97			
291.9194	28:39						56	140			
PCB-58											
289.9224	28:53						39	97			
291.9194	28:53						56	140			
PCB-67											
289.9224	29:03						39	97			
291.9194	29:03						56	140			
PCB-63											
289.9224	29:20						39	97			
291.9194	29:20						56	140			
PCB-61											
289.9224	29:39						39	97			
291.9194	29:39						56	140			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-70 (C61)											
289.9224	29:39						39	97			
291.9194	29:39						56	140			
PCB-74 (C61)											
289.9224	29:39						39	97			
291.9194	29:39						56	140			
PCB-76 (C61)											
289.9224	29:39						39	97			
291.9194	29:39						56	140			
PCB-66											
289.9224	29:59						39	97			
291.9194	29:59						56	140			
PCB-55											
289.9224	30:09						39	97			
291.9194	30:09						56	140			
PCB-56											
289.9224	30:39						39	97			
291.9194	30:39						56	140			
PCB-60											
289.9224	30:52						39	97			
291.9194	30:52						56	140			
PCB-80											
289.9224	31:16						39	97			
291.9194	31:16						56	140			
PCB-79											
289.9224	32:48						39	97			
291.9194	32:48						56	140			
PCB-78											
289.9224	33:21	33:19	1	0.988	13898139	2523678	39	97	64710		
291.9194	33:21	33:19	1	0.988	17676163	3165311	56	140	56523	0.79(0.65-0.89)	
PCB-81											RQM
289.9224	33:47	33:47	-1	1.000	26226	5243	39	97	134		M
	Empc Correction				17011	6089	39	97	156		
291.9194	33:47	33:47	-1	1.000	22093	7909	56	140	141	1.19(0.65-0.89)	
PCB-77											
289.9224	34:22						39	97			
291.9194	34:22						56	140			
PCB-104L											
337.9207	25:46	25:46	0	0.813	2326155	464024	73	182	6356		
339.9178	25:46	25:46	0	0.813	1442047	292509	41	102	7134	1.61(1.32-1.78)	
PCB-101L											
337.9207	31:41	31:42	0		1858694	353713	73	182	4845		
339.9178	31:41	31:42	0		1149670	214495	41	102	5232	1.62(1.32-1.78)	
PCB-111L											
337.9207	34:22						73	182			
339.9178	34:22						41	102			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123L											
337.9207	36:20	36:18	1	1.147	3005275	564884	1615	4037	350		
339.9178	36:19	36:18	0	1.146	1904879	356653	960	2400	372	1.58(1.32-1.78)	
PCB-118L											
337.9207	36:39	36:37	0	1.157	3102297	558126	1615	4037	346		
339.9178	36:39	36:37	0	1.157	1945177	351679	960	2400	366	1.59(1.32-1.78)	
PCB-114L											
337.9207	37:11	37:09	0	1.173	2983533	546314	1615	4037	338		
339.9178	37:11	37:09	0	1.173	1922322	350984	960	2400	366	1.55(1.32-1.78)	
PCB-105L											
337.9207	37:50	37:48	0	1.194	2903950	533665	1615	4037	330		
339.9178	37:50	37:48	0	1.194	1842101	341481	960	2400	356	1.58(1.32-1.78)	
PCB-127L											
337.9207	39:18	39:18	0		3024275	554647	1615	4037	343		
339.9178	39:18	39:18	0		1924564	356159	960	2400	371	1.57(1.32-1.78)	
PCB-126L											
337.9207	40:55	40:53	1	1.291	3013518	536955	1615	4037	332		
339.9178	40:55	40:53	1	1.291	1891389	351655	960	2400	366	1.59(1.32-1.78)	
PCB-104											
325.8804	25:48	25:46	0	1.001	25108771	5255231	157	392	33473		
327.8775	25:48	25:46	0	1.001	15702421	3280132	48	120	68336	1.60(1.32-1.78)	
PCB-96											U
325.8804	26:09						157	392			
327.8775	26:09						48	120			
PCB-103											
325.8804	28:07						157	392			
327.8775	28:07						48	120			
PCB-94											
325.8804	28:20						157	392			
327.8775	28:20						48	120			
PCB-95											
325.8804	28:47						157	392			
327.8775	28:47						48	120			
PCB-93											
325.8804	28:59						157	392			
327.8775	28:59						48	120			
PCB-100 (C93)											
325.8804	28:59						157	392			
327.8775	28:59						48	120			
PCB-98											
325.8804	29:08						157	392			
327.8775	29:08						48	120			
PCB-102 (C98)											
325.8804	29:08						157	392			
327.8775	29:08						48	120			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-88											
325.8804	29:38						157	392			
327.8775	29:38						48	120			
PCB-91 (C88)											
325.8804	29:38						157	392			
327.8775	29:38						48	120			
PCB-84											
325.8804	29:51						157	392			
327.8775	29:51						48	120			
PCB-89											
325.8804	30:20						157	392			
327.8775	30:20						48	120			
PCB-121											
325.8804	30:46	30:44	1	1.193	7964768	1550404	157	392	9875		
327.8775	30:46	30:44	1	1.193	5034723	968527	48	120	20178	1.58(1.32-1.78)	
PCB-92											
325.8804	31:09						157	392			
327.8775	31:09						48	120			
PCB-90											
325.8804	31:41						157	392			
327.8775	31:41						48	120			
PCB-101 (C90)											
325.8804	31:41						157	392			
327.8775	31:41						48	120			
PCB-113 (C90)											
325.8804	31:41						157	392			
327.8775	31:41						48	120			
PCB-83											
325.8804	32:17						157	392			
327.8775	32:17						48	120			
PCB-99 (C83)											
325.8804	32:17						157	392			
327.8775	32:17						48	120			
PCB-112											
325.8804	32:24						157	392			
327.8775	32:24						48	120			
PCB-86											
325.8804	32:46						157	392			
327.8775	32:46						48	120			
PCB-87 (C86)											
325.8804	32:46						157	392			
327.8775	32:46						48	120			
PCB-97 (C86)											
325.8804	32:46						157	392			
327.8775	32:46						48	120			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-109 (C86)											
325.8804	32:46						157	392			
327.8775	32:46						48	120			
PCB-119 (C86)											
325.8804	32:46						157	392			
327.8775	32:46						48	120			
PCB-125 (C86)											
325.8804	32:46						157	392			
327.8775	32:46						48	120			
PCB-85											
325.8804	33:30						157	392			
327.8775	33:30						48	120			
PCB-116 (C85)											
325.8804	33:30						157	392			
327.8775	33:30						48	120			
PCB-117 (C85)											
325.8804	33:30						157	392			
327.8775	33:30						48	120			
PCB-110											
325.8804	33:44						157	392			
327.8775	33:44						48	120			
PCB-115 (C110)											
325.8804	33:44						157	392			
327.8775	33:44						48	120			
PCB-82											
325.8804	34:00						157	392			
327.8775	34:00						48	120			
PCB-111											
325.8804	34:23						157	392			
327.8775	34:23						48	120			
PCB-120											
325.8804	34:51						157	392			
327.8775	34:51						48	120			
PCB-108											
325.8804	35:59						221	552			
327.8775	35:59						158	395			
PCB-124 (C108)											
325.8804	35:59						221	552			
327.8775	35:59						158	395			
PCB-107											
325.8804	36:13						221	552			
327.8775	36:13						158	395			
PCB-123											
325.8804	36:22						221	552			
327.8775	36:22						158	395			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-106											M
325.8804	36:29	36:29	1	1.004	317688	59088	221	552	267		M
327.8775	36:29	36:29	1	1.004	212052	39590	158	395	251	1.50(1.32-1.78)	M
PCB-118											RQMa
325.8804	36:42	36:42	1	1.001	6233	1037	221	552	5		M
	Empc Correction				3667	668	221	552	3		
327.8775	36:40	36:42	0	1.000	2366	431	158	395	3	2.63(1.32-1.78)	
PCB-122											
325.8804	37:01						221	552			
327.8775	37:01						158	395			
PCB-114											
325.8804	37:12						221	552			
327.8775	37:12						158	395			
PCB-105											
325.8804	37:51						221	552			
327.8775	37:51						158	395			
PCB-127											
325.8804	39:20						221	552			
327.8775	39:20						158	395			
PCB-126											
325.8804	40:57						221	552			
327.8775	40:57						158	395			
PCB-155L											
371.8817	31:27	31:26	0	0.791	1964644	397905	44	110	9043		
373.8788	31:27	31:26	0	0.791	1567919	314113	38	95	8266	1.25(1.05-1.43)	
PCB-138L											
371.8817	39:47	39:46	1		2126744	394994	936	2340	422		
373.8788	39:47	39:46	1		1664423	317014	615	1537	515	1.28(1.05-1.43)	
PCB-167L											
371.8817	42:47	42:45	0	1.075	2654474	487709	936	2340	521		
373.8788	42:47	42:45	0	1.075	2088810	386552	615	1537	629	1.27(1.05-1.43)	
PCB-156L											
371.8817	43:56	43:55	0	1.104	5277256	708504	936	2340	757		
373.8788	43:56	43:55	0	1.104	4103264	557253	615	1537	906	1.29(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:56	43:55	0	1.104	5277256	708504	936	2340	757		
373.8788	43:56	43:55	0	1.104	4103264	557253	615	1537	906	1.29(1.05-1.43)	
PCB-169L											
371.8817	47:10	47:09	0	1.186	2725628	478691	936	2340	511		
373.8788	47:10	47:09	0	1.186	2148937	378849	615	1537	616	1.27(1.05-1.43)	
PCB-155											M
359.8415	31:28	31:28	0	1.001	5740167	1129448	36	90	31374		M
361.8385	31:28	31:28	0	1.001	4517669	881735	46	115	19168	1.27(1.05-1.43)	M
PCB-152											Ma
359.8415	31:40	31:40	0	1.007	14698	4281	36	90	119		M
361.8385	31:40	31:40	0	1.007	13224	3020	46	115	66	1.11(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-150											
359.8415	31:50						36	90			
361.8385	31:50						46	115			
PCB-136											
359.8415	32:12						36	90			
361.8385	32:12						46	115			
PCB-145											
359.8415	32:30						36	90			
361.8385	32:30						46	115			
PCB-148											
359.8415	34:00						36	90			
361.8385	34:00						46	115			
PCB-135											
359.8415	34:39						36	90			
361.8385	34:39						46	115			
PCB-151 (C135)											
359.8415	34:39						36	90			
361.8385	34:39						46	115			
PCB-154											RQ
359.8415	34:52	34:50	1	1.109	9491	2140	36	90	59		
361.8385	34:52	34:50	1	1.109	9815	2068	46	115	45	0.97(1.05-1.43)	
	Empc Correction				7654	1725	46	115	38		
PCB-144											
359.8415	35:10						36	90			
361.8385	35:10						46	115			
PCB-147											
359.8415	35:32						125	312			
361.8385	35:32						97	242			
PCB-149 (C147)											
359.8415	35:32						125	312			
361.8385	35:32						97	242			
PCB-134											
359.8415	35:49						125	312			
361.8385	35:49						97	242			
PCB-143 (C134)											
359.8415	35:49						125	312			
361.8385	35:49						97	242			
PCB-139											
359.8415	36:07						125	312			
361.8385	36:07						97	242			
PCB-140 (C139)											
359.8415	36:07						125	312			
361.8385	36:07						97	242			
PCB-131											
359.8415	36:19						125	312			
361.8385	36:19						97	242			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-142											
359.8415	36:29	36:27	0	1.160	4231767	802053	125	312	6416		
361.8385	36:29	36:27	0	1.160	3342239	644630	97	242	6646	1.27(1.05-1.43)	
PCB-132											
359.8415	36:46						125	312			
361.8385	36:46						97	242			
PCB-133											
359.8415	37:17						125	312			
361.8385	37:17						97	242			
PCB-165											
359.8415	37:42	37:40	1	0.881	40598	7196	125	312	58		
361.8385	37:42	37:40	1	0.881	31849	5432	97	242	56	1.27(1.05-1.43)	
PCB-146											
359.8415	37:56						125	312			
361.8385	37:56						97	242			
PCB-161											M
359.8415	38:04	38:03	0	0.890	260852	50348	125	312	403		
361.8385	38:03	38:03	0	0.890	202362	35930	97	242	370	1.29(1.05-1.43)	M
PCB-153											
359.8415	38:34						125	312			
361.8385	38:34						97	242			
PCB-168 (C153)											
359.8415	38:34						125	312			
361.8385	38:34						97	242			
PCB-141											
359.8415	38:44						125	312			
361.8385	38:44						97	242			
PCB-130											
359.8415	39:10						125	312			
361.8385	39:10						97	242			
PCB-137											
359.8415	39:22						125	312			
361.8385	39:22						97	242			
PCB-164											
359.8415	39:29						125	312			
361.8385	39:29						97	242			
PCB-129											
359.8415	39:48						125	312			
361.8385	39:48						97	242			
PCB-138 (C129)											
359.8415	39:48						125	312			
361.8385	39:48						97	242			
PCB-160 (C129)											
359.8415	39:48						125	312			
361.8385	39:48						97	242			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-163 (C129)											
359.8415	39:48						125	312			
361.8385	39:48						97	242			
PCB-158											
359.8415	40:11						125	312			
361.8385	40:11						97	242			
PCB-128											
359.8415	41:02						125	312			
361.8385	41:02						97	242			
PCB-166 (C128)											
359.8415	41:02						125	312			
361.8385	41:02						97	242			
PCB-159											RQM
359.8415	42:02	42:02	0	0.983	37351	6706	125	312	54		
	Empc Correction				31996	5535	125	312	44		
361.8385	42:02	42:02	0	0.982	25804	4464	97	242	46	1.45(1.05-1.43)	M
PCB-162											
359.8415	42:19						125	312			
361.8385	42:19						97	242			
PCB-167											
359.8415	42:47						125	312			
361.8385	42:47						97	242			
PCB-156											
359.8415	43:57						125	312			
361.8385	43:57						97	242			
PCB-157 (C156)											
359.8415	43:57						125	312			
361.8385	43:57						97	242			
PCB-169											
359.8415	47:11						125	312			
361.8385	47:11						97	242			
PCB-188L											
405.8428	37:11	37:10	0	0.820	2093648	401708	64	160	6277		
407.8398	37:11	37:10	0	0.820	1955011	377126	63	157	5986	1.07(0.89-1.21)	
PCB-178L											
405.8428	40:15						64	160			
407.8398	40:15						63	157			
PCB-180L											
405.8428	45:19	45:18	1		1616875	302870	64	160	4732		
407.8398	45:19	45:18	1		1507631	281646	63	157	4471	1.07(0.89-1.21)	
PCB-170L											
405.8428	46:34	46:34	0	1.028	1360961	244671	64	160	3823		
407.8398	46:34	46:34	0	1.028	1272023	231742	63	157	3678	1.07(0.89-1.21)	
PCB-189L											
405.8428	49:41	49:41	1	1.096	2805725	506067	3091	7727	164		
407.8398	49:41	49:41	1	1.096	2660588	476215	1454	3635	328	1.05(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-188											
393.8025	37:12						65	162			
395.7995	37:12						45	112			
PCB-179											
393.8025	37:33						65	162			
395.7995	37:33						45	112			
PCB-184											
393.8025	38:04	38:02	1	1.024	10057222	1897302	65	162	29189		
395.7995	38:04	38:02	1	1.024	9490705	1776753	45	112	39483	1.06(0.89-1.21)	
PCB-176											
393.8025	38:26						65	162			
395.7995	38:26						45	112			
PCB-186											
393.8025	38:52						65	162			
395.7995	38:52						45	112			
PCB-178											
393.8025	40:16						65	162			
395.7995	40:16						45	112			
PCB-175											
393.8025	40:53						65	162			
395.7995	40:53						45	112			
PCB-187											
393.8025	41:10						65	162			
395.7995	41:10						45	112			
PCB-182											
393.8025	41:21						65	162			
395.7995	41:21						45	112			
PCB-183											
393.8025	41:46						65	162			
395.7995	41:46						45	112			
PCB-185 (C183)											
393.8025	41:46						65	162			
395.7995	41:46						45	112			
PCB-174											
393.8025	42:00						65	162			
395.7995	42:00						45	112			
PCB-177											
393.8025	42:26						65	162			
395.7995	42:26						45	112			
PCB-181											
393.8025	42:50						65	162			
395.7995	42:50						45	112			
PCB-171											
393.8025	43:03						65	162			
395.7995	43:03						45	112			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-173 (C171)											
393.8025	43:03						65	162			
395.7995	43:03						45	112			
PCB-172											
393.8025	44:42						65	162			
395.7995	44:42						45	112			
PCB-192											
393.8025	44:58	44:58	0	0.905	29114296	5536273	65	162	85173		
395.7995	44:58	44:58	0	0.905	27613092	5264953	45	112	116999	1.05(0.89-1.21)	
PCB-180											
393.8025	45:19						65	162			
395.7995	45:19						45	112			
PCB-193 (C180)											
393.8025	45:19						65	162			
395.7995	45:19						45	112			
PCB-191											
393.8025	45:42						65	162			
395.7995	45:42						45	112			
PCB-170											
393.8025	46:36						65	162			
395.7995	46:36						45	112			
PCB-190											
393.8025	47:07						65	162			
395.7995	47:07						45	112			
PCB-189											
393.8025	49:43						68	170			
395.7995	49:43						108	270			
PCB-202L											
439.8038	42:33	42:32	1	0.821	1487614	283798	36	90	7883		
441.8008	42:33	42:32	1	0.821	1646585	314674	25	62	12587	0.90(0.76-1.02)	
PCB-194L											
439.8038	51:48	51:47	1		1909122	350275	1107	2767	316		
441.8008	51:48	51:47	1		2081968	378705	1223	3057	310	0.92(0.76-1.02)	
PCB-205L											
439.8038	52:16	52:15	1	1.009	2261698	395907	1107	2767	358		
441.8008	52:16	52:15	1	1.009	2509713	432571	1223	3057	354	0.90(0.76-1.02)	
PCB-202											
427.7635	42:35						41	102			
429.7606	42:35						61	152			
PCB-201											
427.7635	43:30						41	102			
429.7606	43:30						61	152			
PCB-204											
427.7635	44:10	44:09	1	1.038	11852940	2237442	41	102	54572		
429.7606	44:10	44:09	1	1.038	13092192	2494341	61	152	40891	0.91(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-197											M
427.7635	44:23	44:23	0	1.043	101631	14688	41	102	358		M
429.7606	44:23	44:23	0	1.043	116294	19310	61	152	317	0.87(0.76-1.02)	
PCB-200											Ma
427.7635	44:30	44:30	0	1.046	10586	3631	41	102	89		M
429.7606	44:31	44:30	2	1.046	13994	3212	61	152	53	0.76(0.76-1.02)	
PCB-198											
427.7635	47:18						41	102			
429.7606	47:18						61	152			
PCB-199 (C198)											
427.7635	47:18						41	102			
429.7606	47:18						61	152			
PCB-196											
427.7635	47:57						41	102			
429.7606	47:57						61	152			
PCB-203											
427.7635	48:09						41	102			
429.7606	48:09						61	152			
PCB-195											
427.7635	49:29						59	147			
429.7606	49:29						47	117			
PCB-194											
427.7635	51:50						59	147			
429.7606	51:50						47	117			
PCB-205											RQ
427.7635	52:16	52:17	-1	1.000	4481	758	59	147	13		
	Empc Correction				3616	720	59	147	12		
429.7606	52:18	52:17	1	1.000	4063	810	47	117	17	1.10(0.76-1.02)	
PCB-208L											
473.7648	49:14	49:13	1	0.950	1930986	355152	1022	2555	348		
475.7619	49:14	49:13	1	0.950	2411161	434358	1818	4545	239	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:01	54:00	1	1.043	1396877	253549	1022	2555	248		
475.7619	54:01	54:00	1	1.043	1744600	310426	1818	4545	171	0.80(0.65-0.89)	
PCB-208											
461.7246	49:13						22	55			
463.7216	49:13						235	587			
PCB-207											
461.7246	50:11	50:12	2	1.019	54719	10157	22	55	462		
463.7216	50:11	50:12	2	1.019	78267	12663	235	587	54	0.70(0.65-0.89)	
PCB-206											
461.7246	54:02						22	55			
463.7216	54:02						235	587			
PCB-209L											
507.7258	55:39	55:39	0	1.074	1424233	238410	39	97	6113		
509.7229	55:39	55:39	0	1.074	1961004	330359	50	125	6607	0.73(0.59-0.79)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
DCB Decachlorobiphenyl											
495.6856	55:40	55:44	0	1.000	44748	7972	15	37	531		
497.6826	55:41	55:44	0	1.000	66024	11749	18	45	653	0.68(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

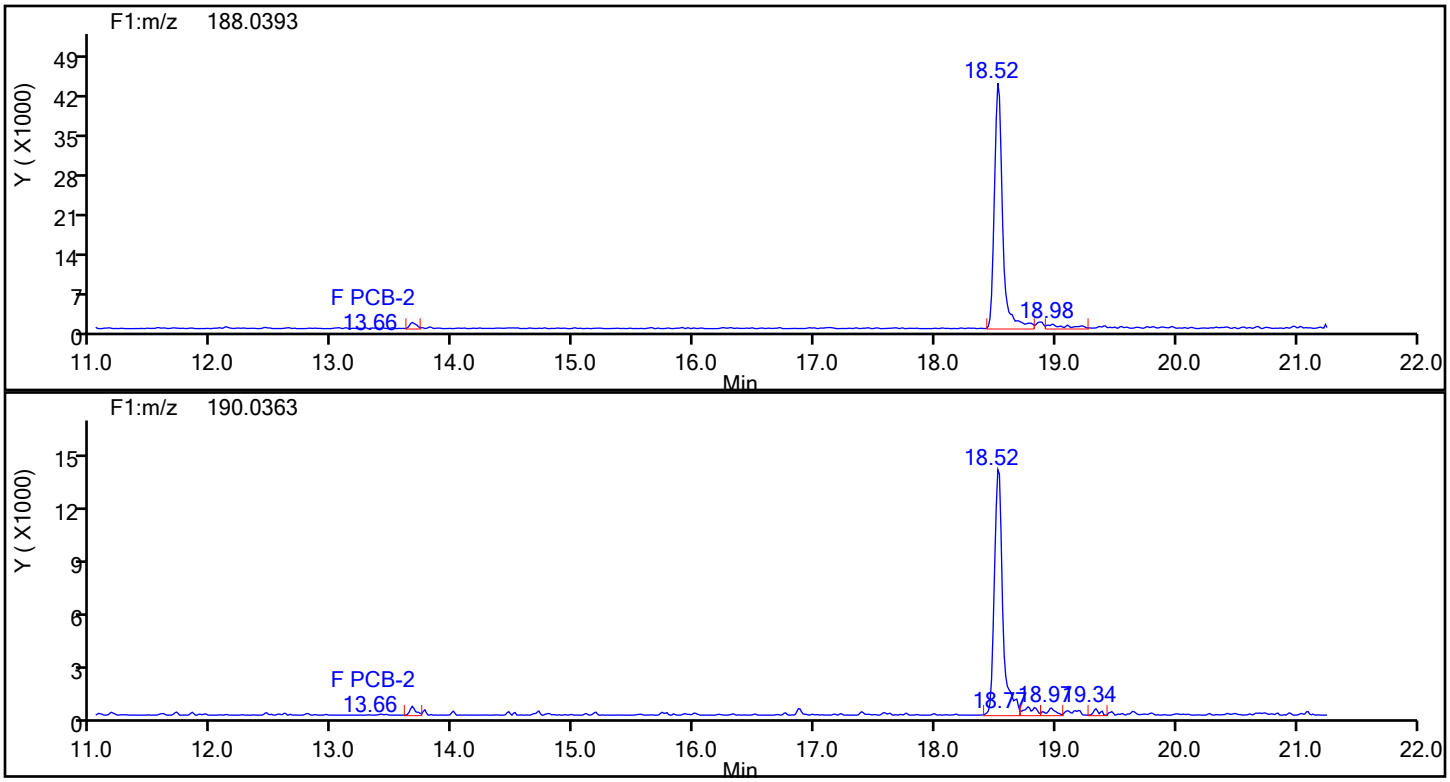
Report Date: 05-Jan-2024 01:12:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

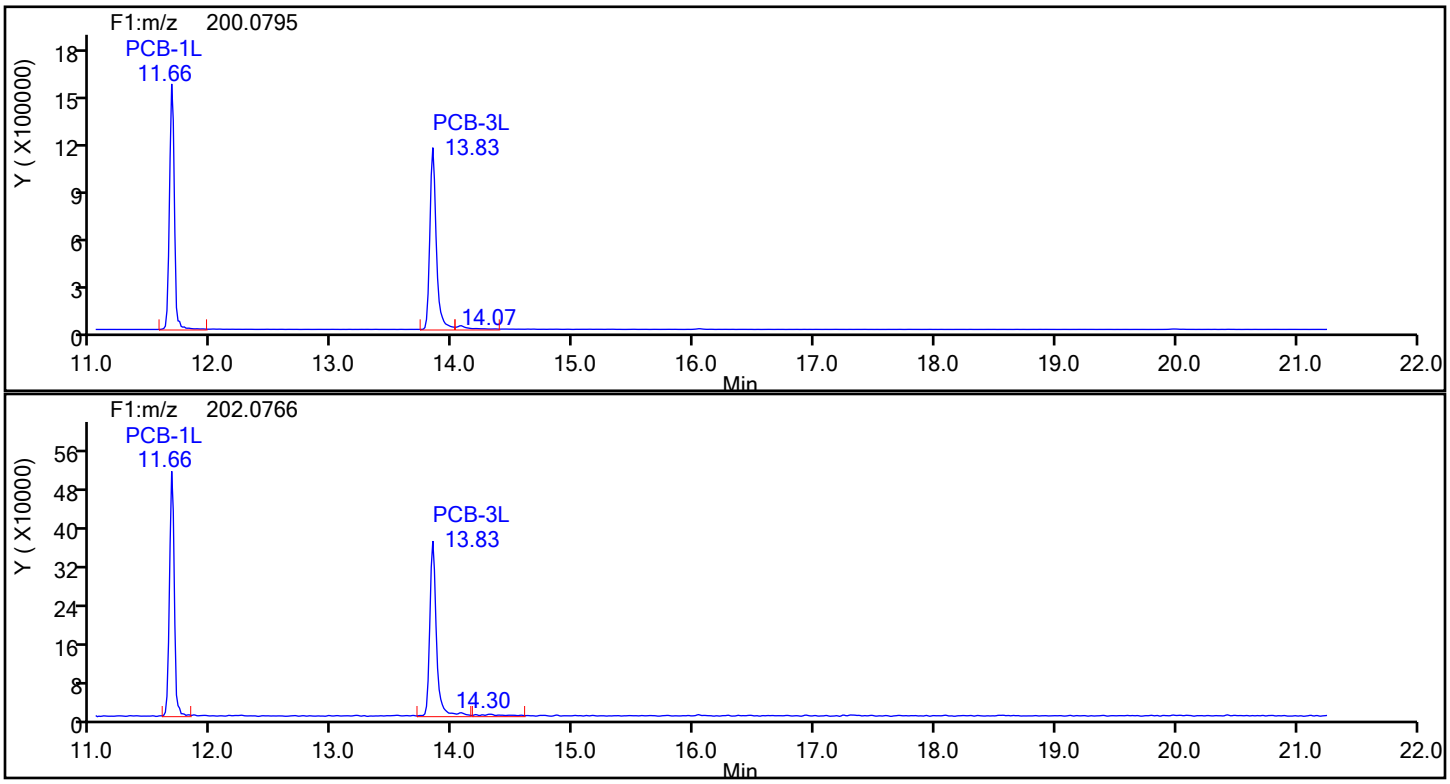
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

MoPCB F1



MoPCB F1 Standards

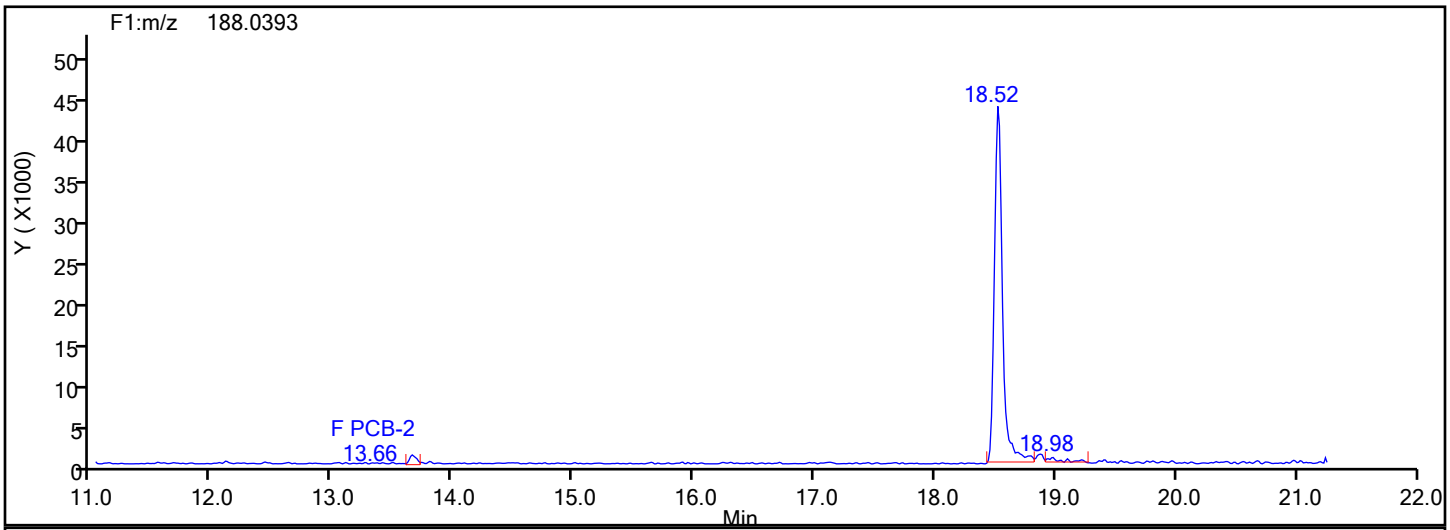


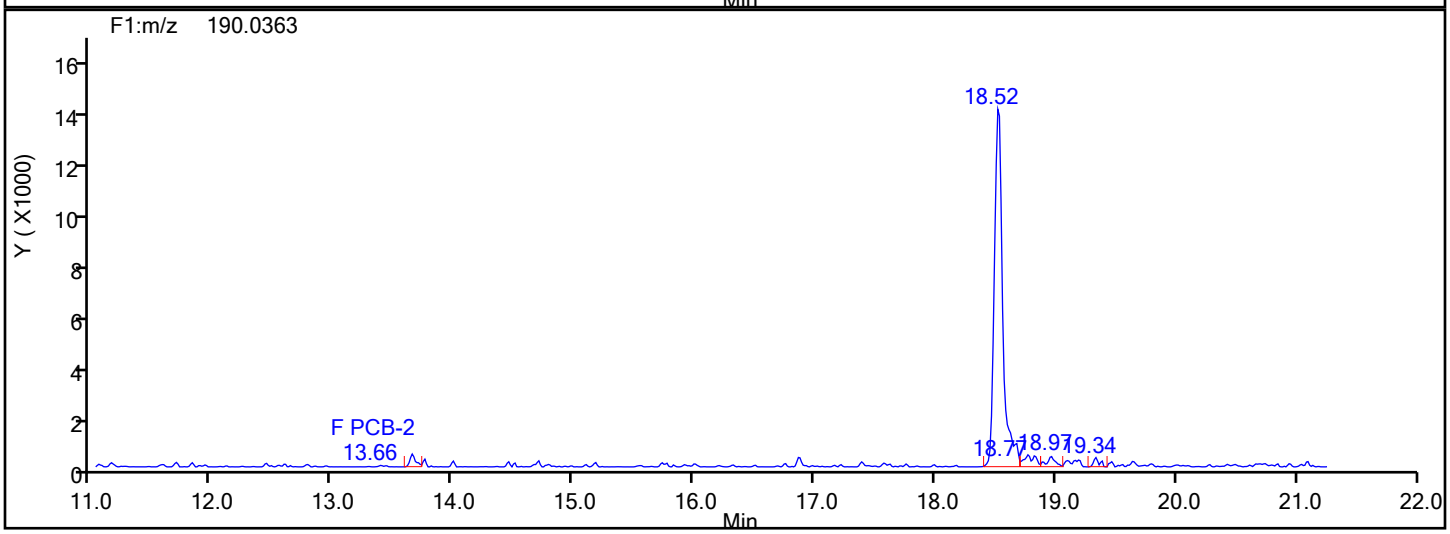
Report Date: 05-Jan-2024 01:12:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

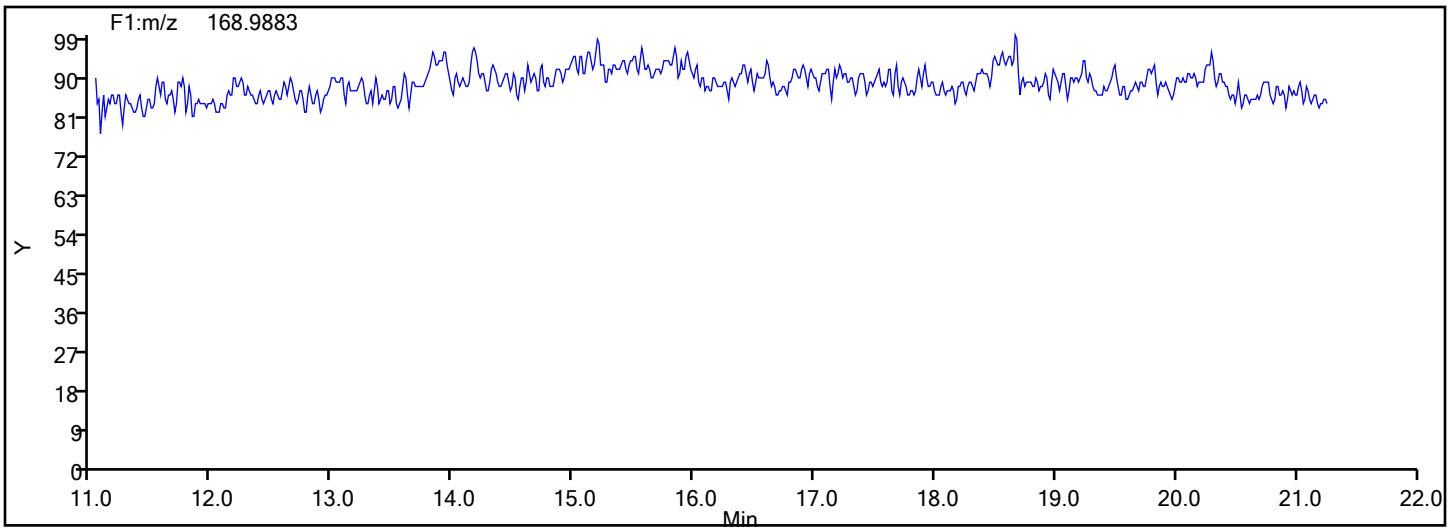
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

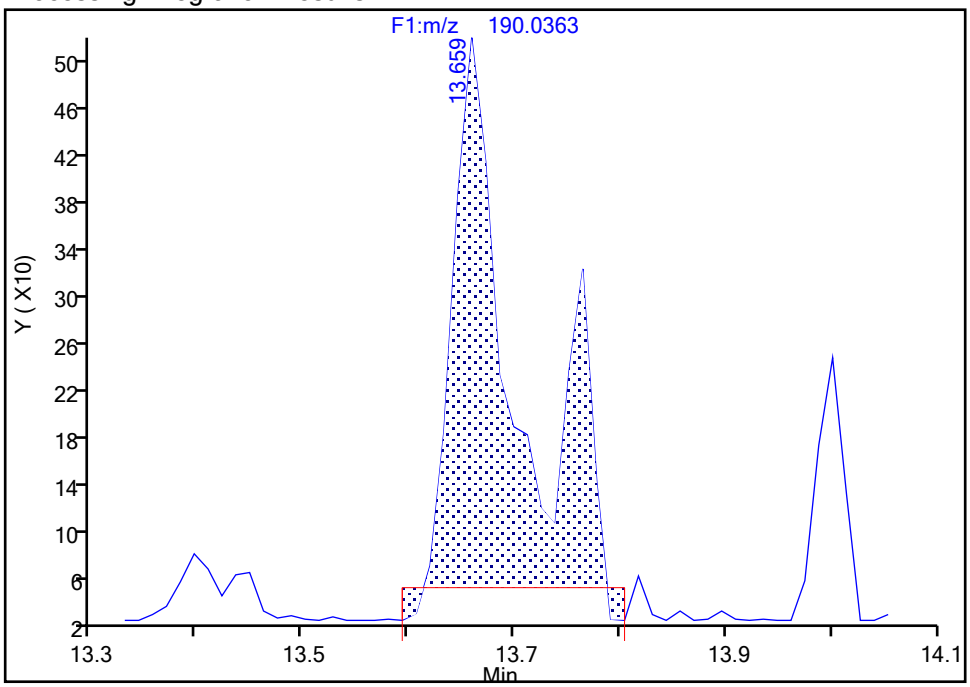
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d
Injection Date: 04-Jan-2024 20:08:00 Instrument ID: D2D
Lims ID: 140-34509-A-8-B Lab Sample ID: 140-34509-8
Client ID: TRIP BLANK PW-02
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 12
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-2, CAS: 2051-61-8

Signal: 2

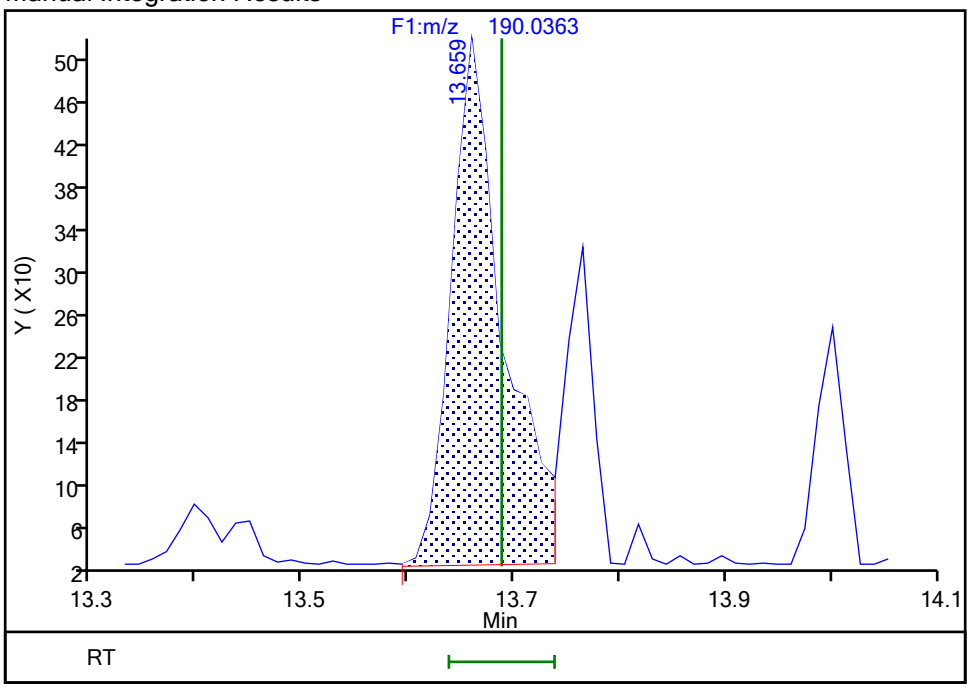
Processing Integration Results

RT: 13.66
Area: 1857
Amount: 0.077484
Amount Units: pg/ul



Manual Integration Results

RT: 13.66
Area: 1691
Amount: 0.079206
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:05:15 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

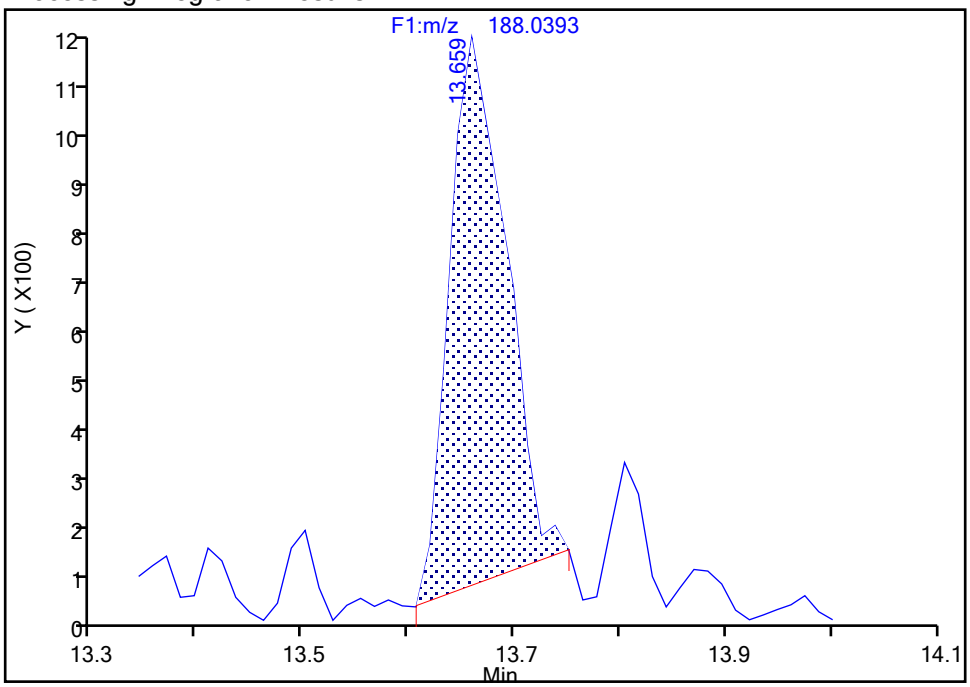
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-2, CAS: 2051-61-8

Signal: 1

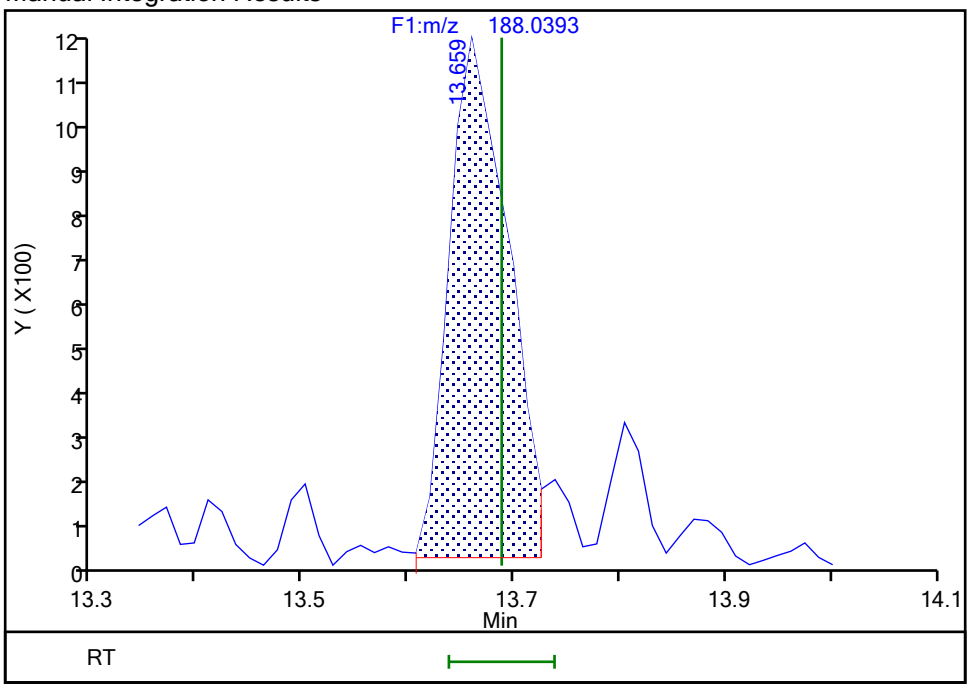
Processing Integration Results

RT: 13.66
Area: 3812
Amount: 0.077484
Amount Units: pg/ul



Manual Integration Results

RT: 13.66
Area: 4104
Amount: 0.079206
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:05:19 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

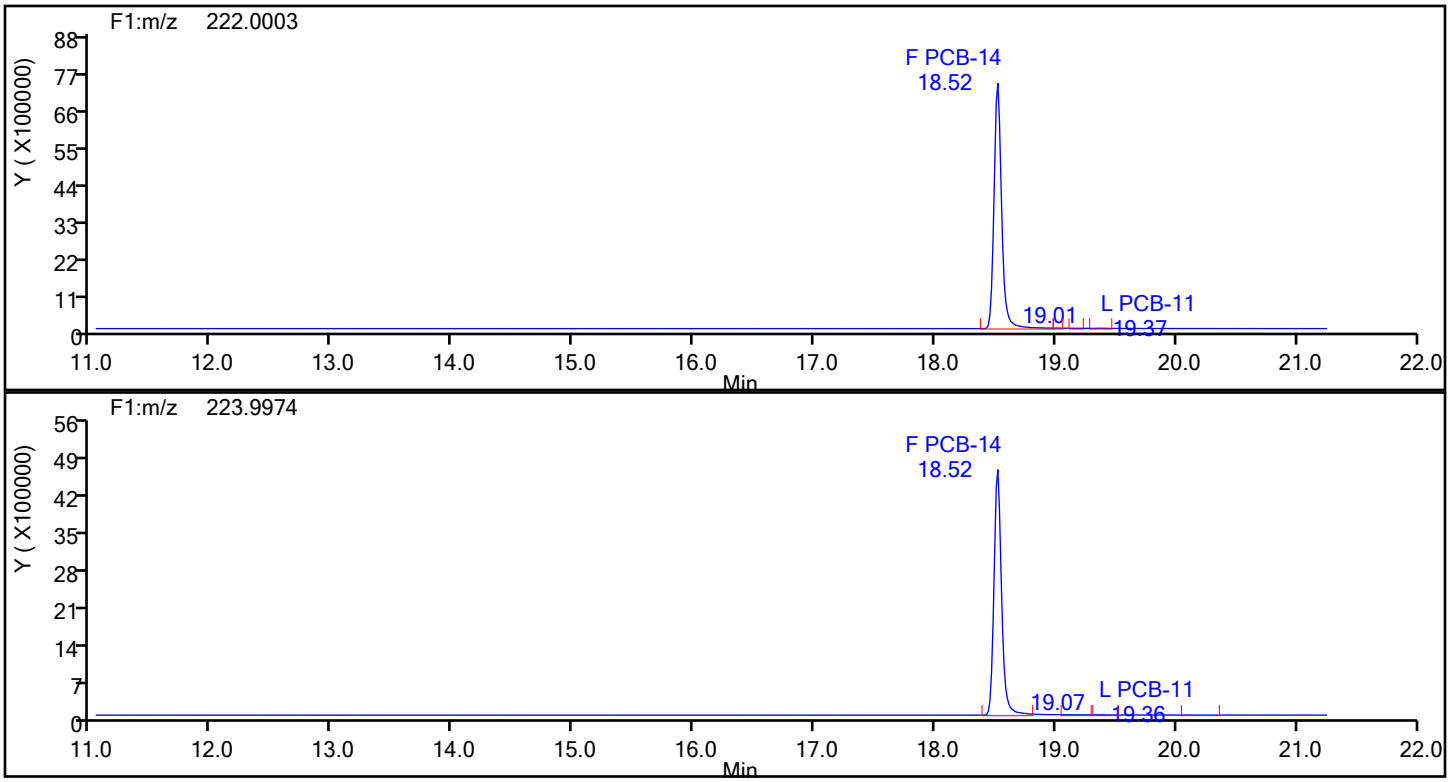
Report Date: 05-Jan-2024 01:12:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

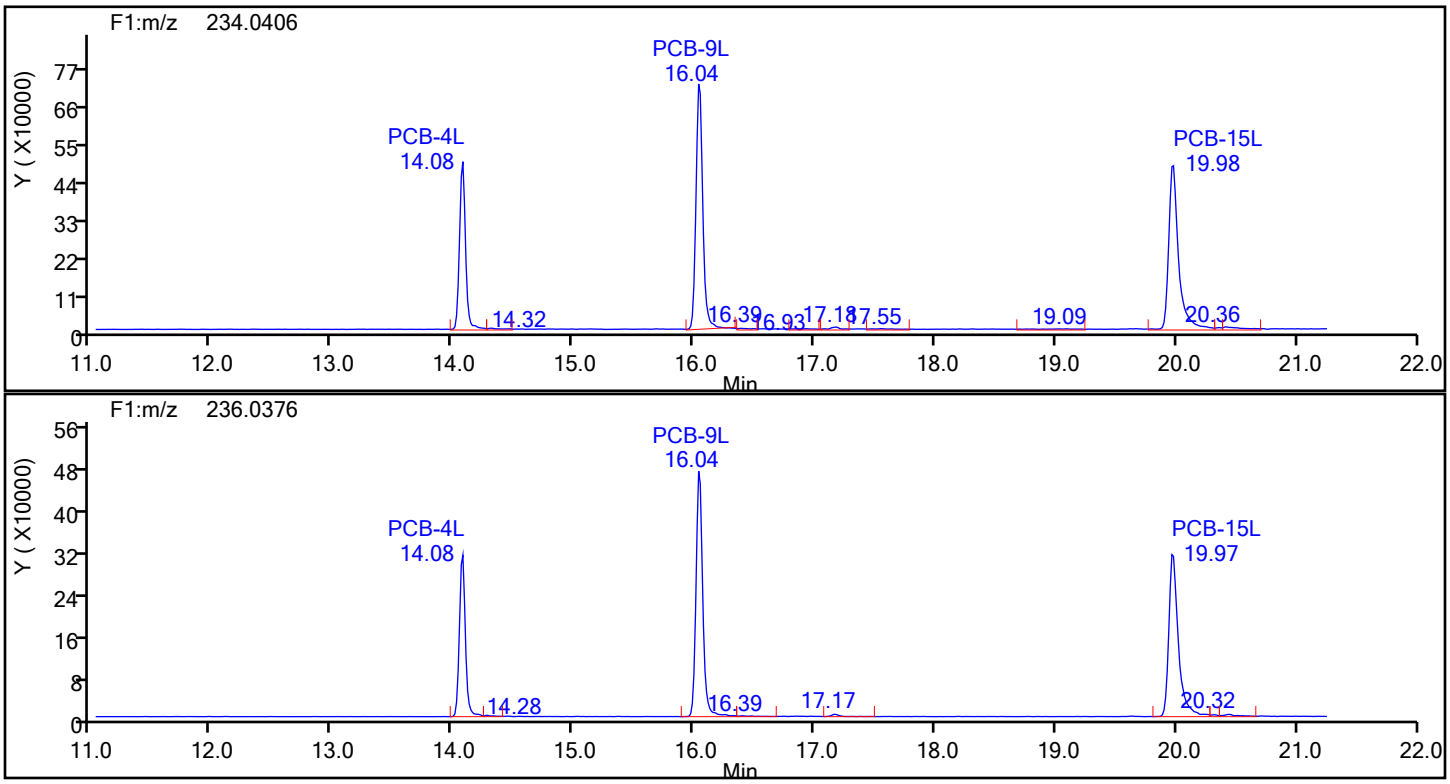
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards

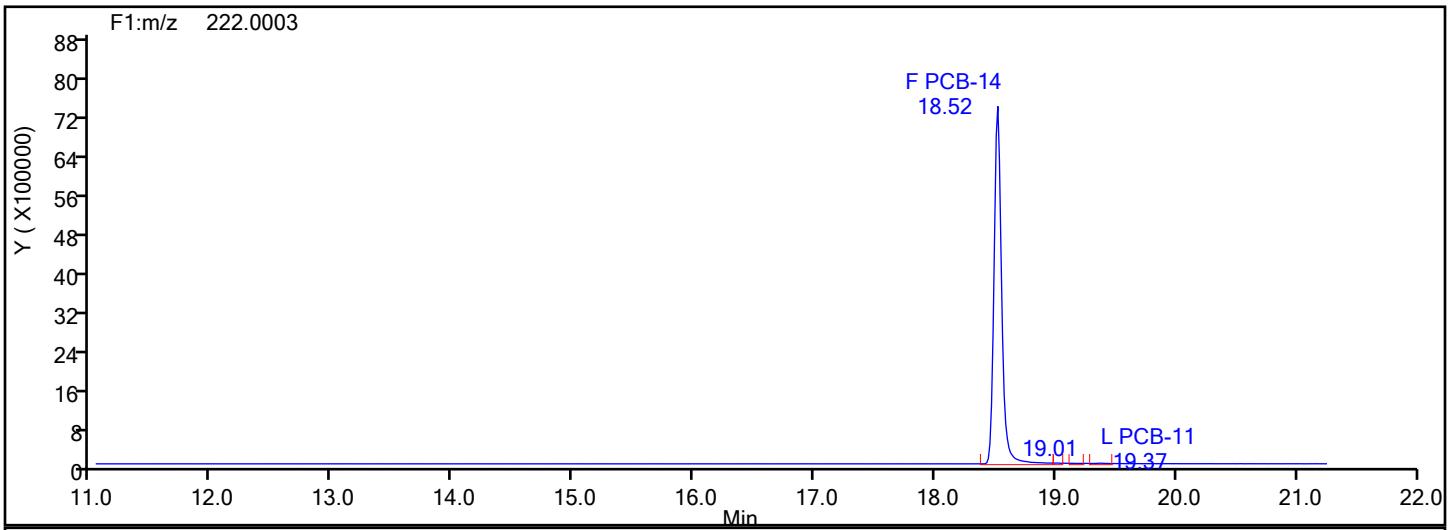


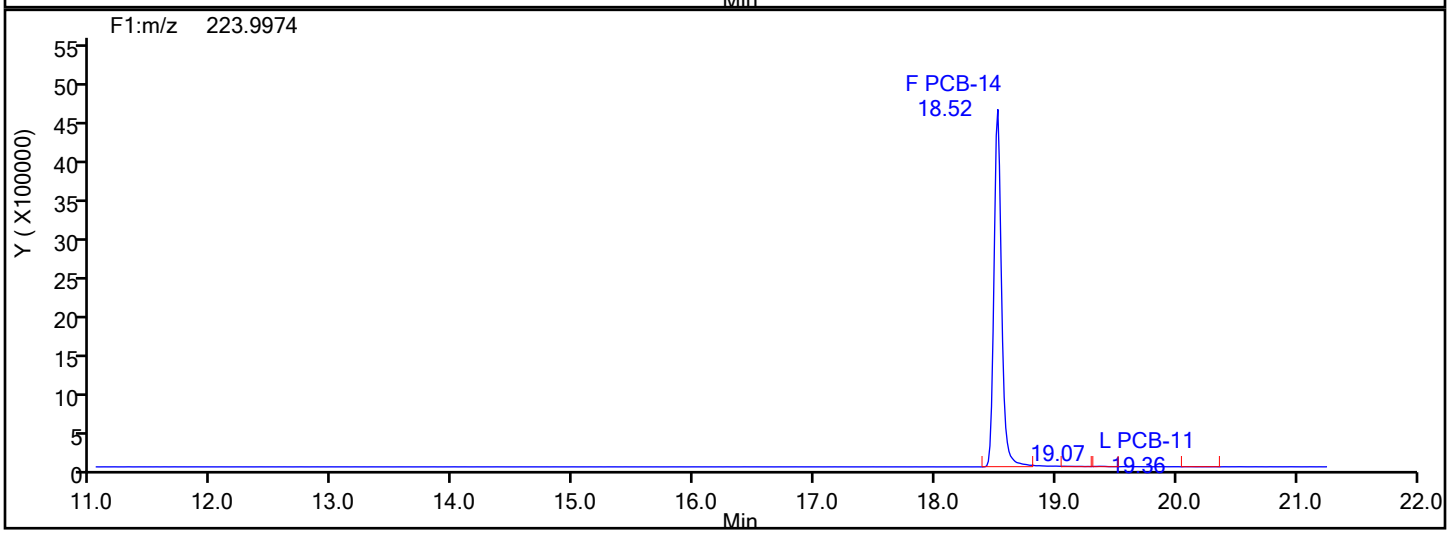
Report Date: 05-Jan-2024 01:12:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

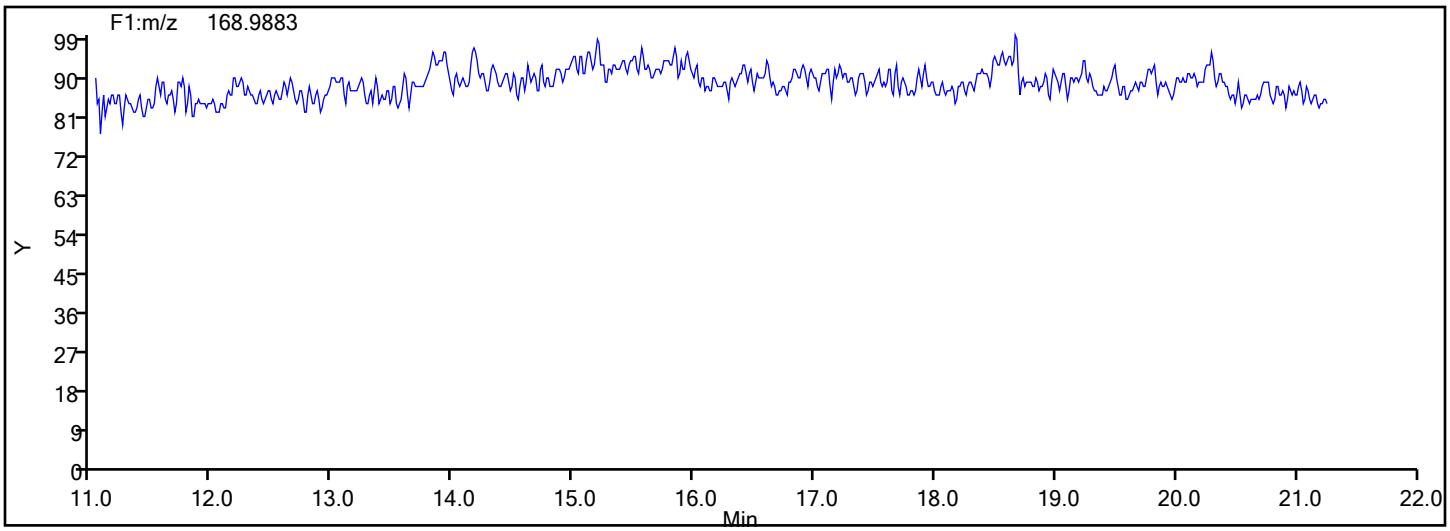
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



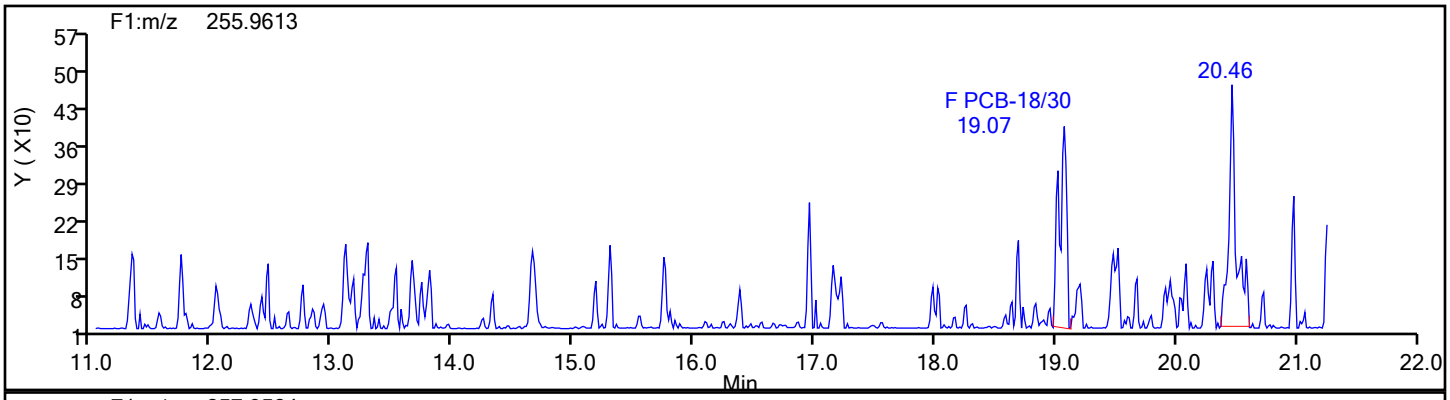
Report Date: 05-Jan-2024 01:12:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

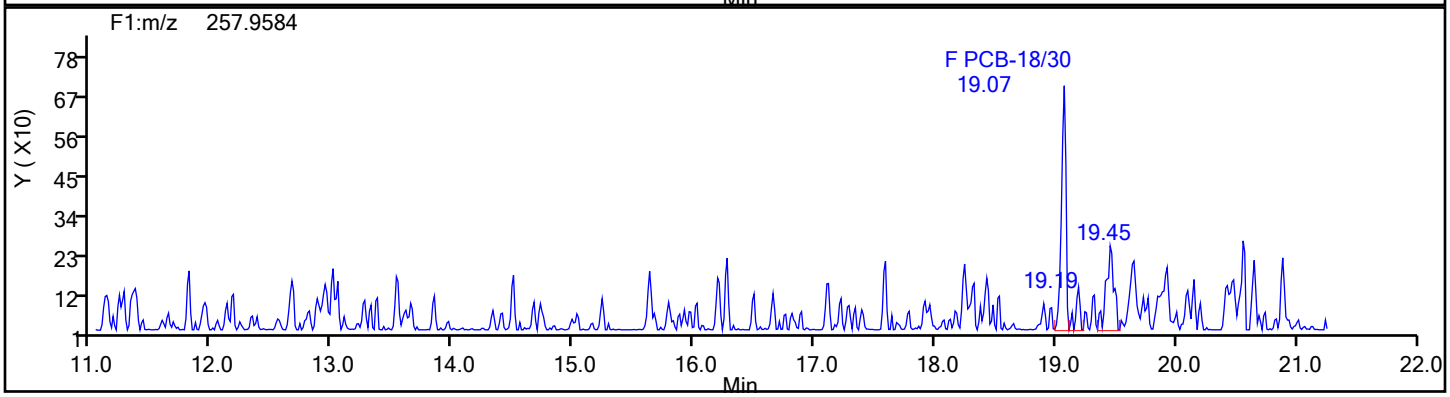
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

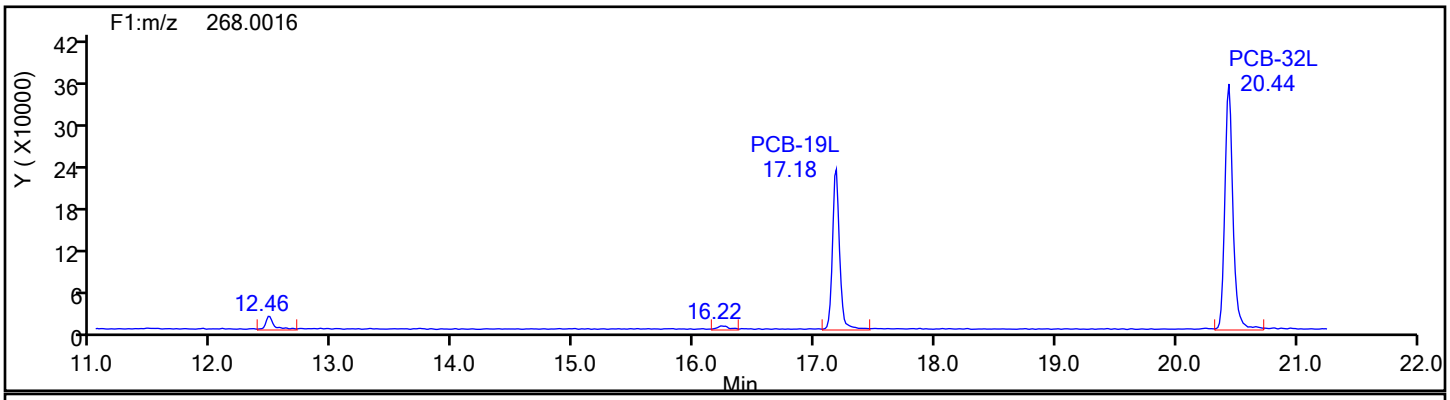
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

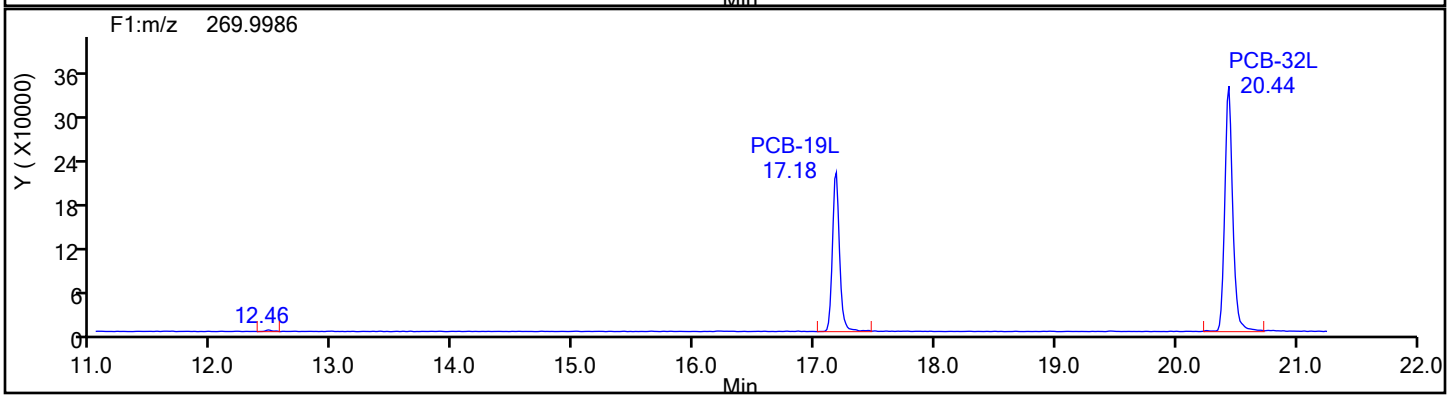
TriPCB F1





TriPCB F1 Standards



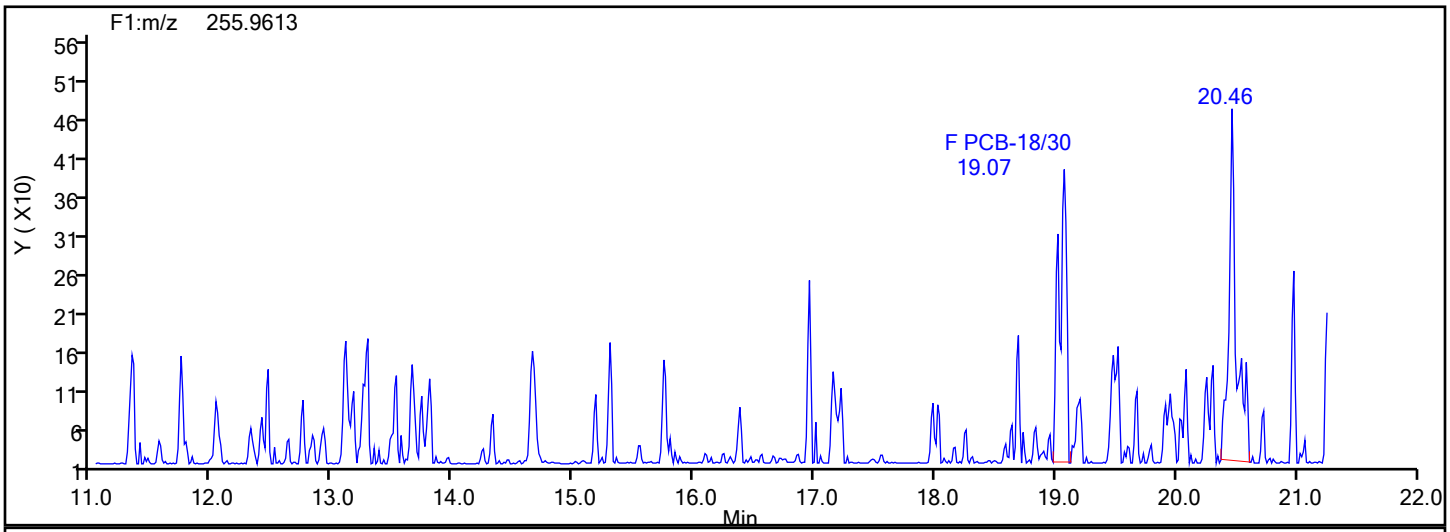


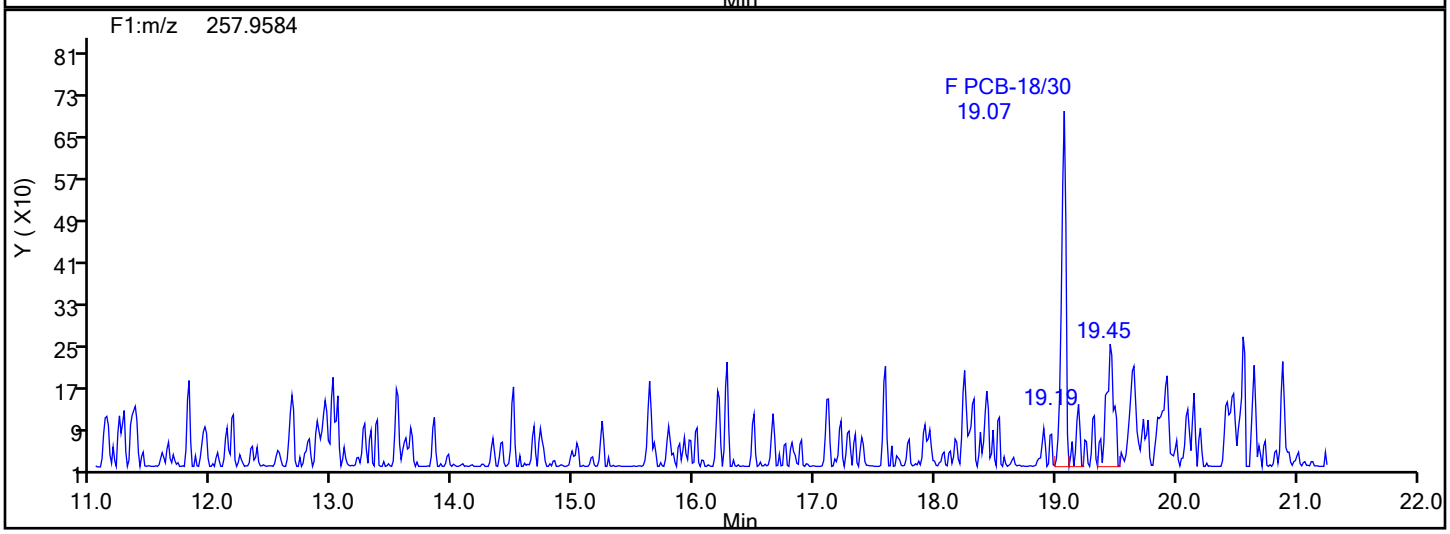
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

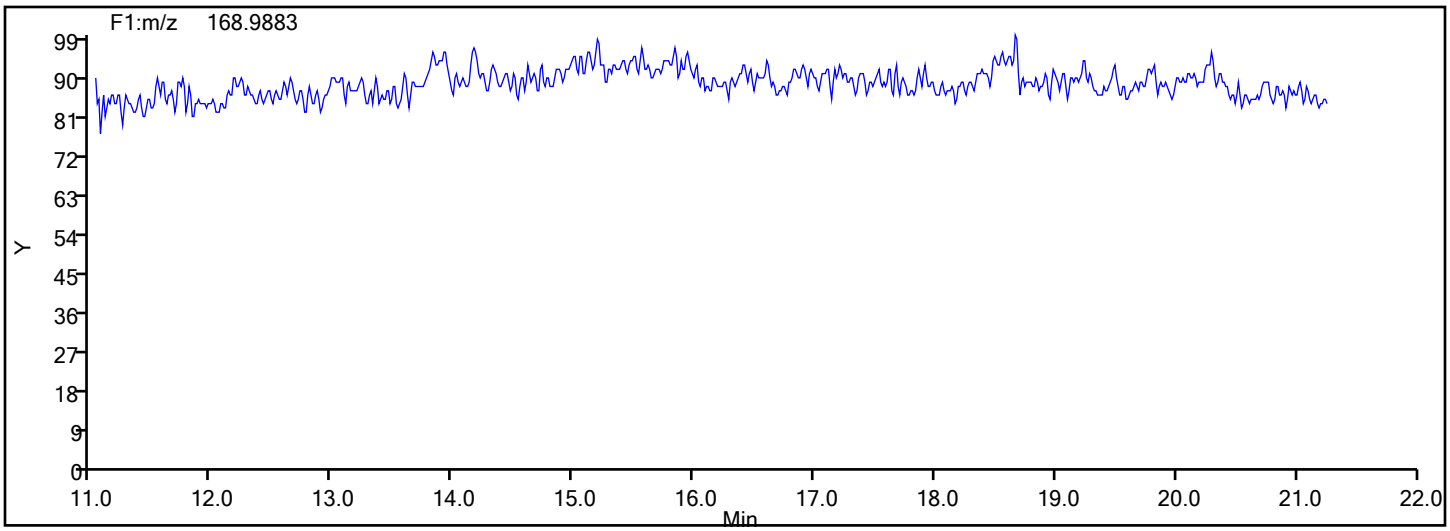
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d
Injection Date: 04-Jan-2024 20:08:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-02
Worklist#: 82009 Sample Line#: 12
Column Type: Column Dia:

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

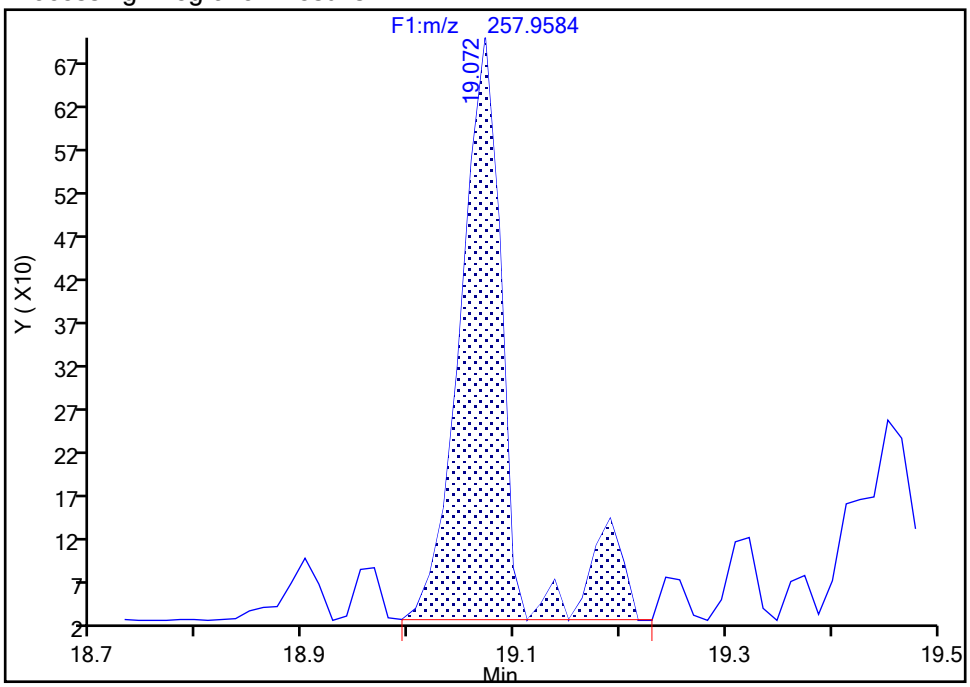
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-18/30, CAS: STL01798

Signal: 2

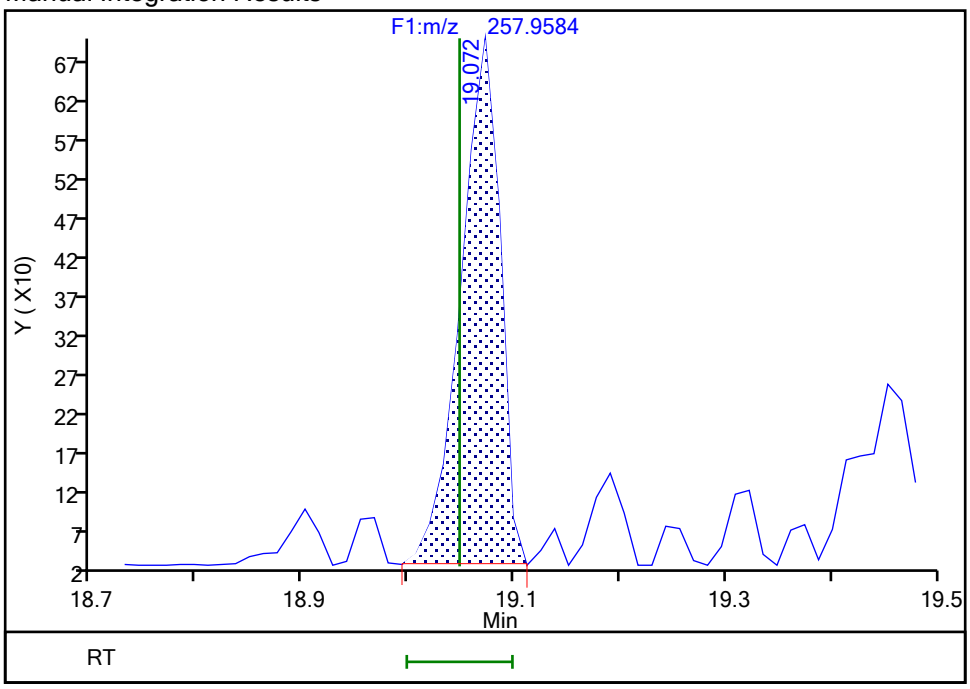
Processing Integration Results

RT: 19.07
Area: 2032
Amount: 0.111555
Amount Units: pg/ul



Manual Integration Results

RT: 19.07
Area: 1745
Amount: 0.102860
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:05:51 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

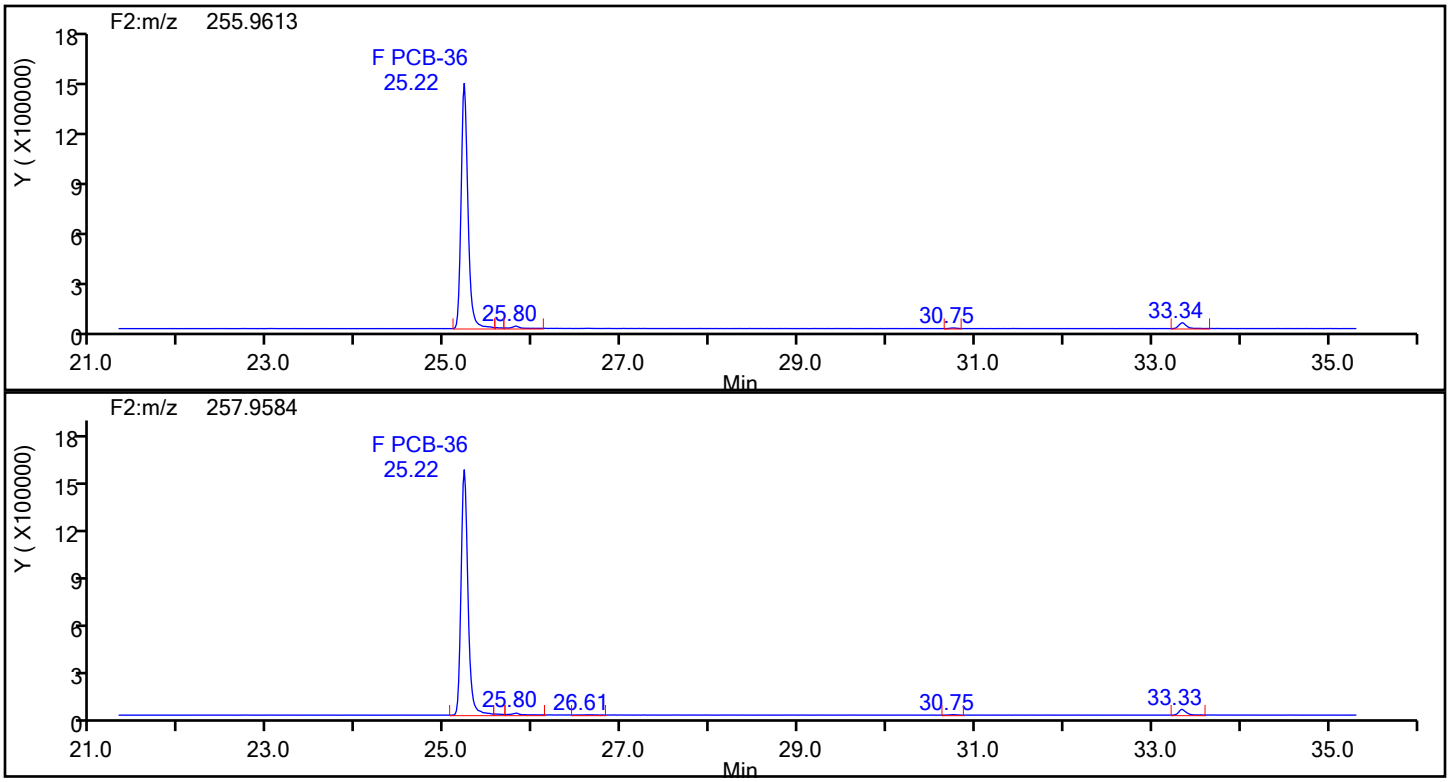
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

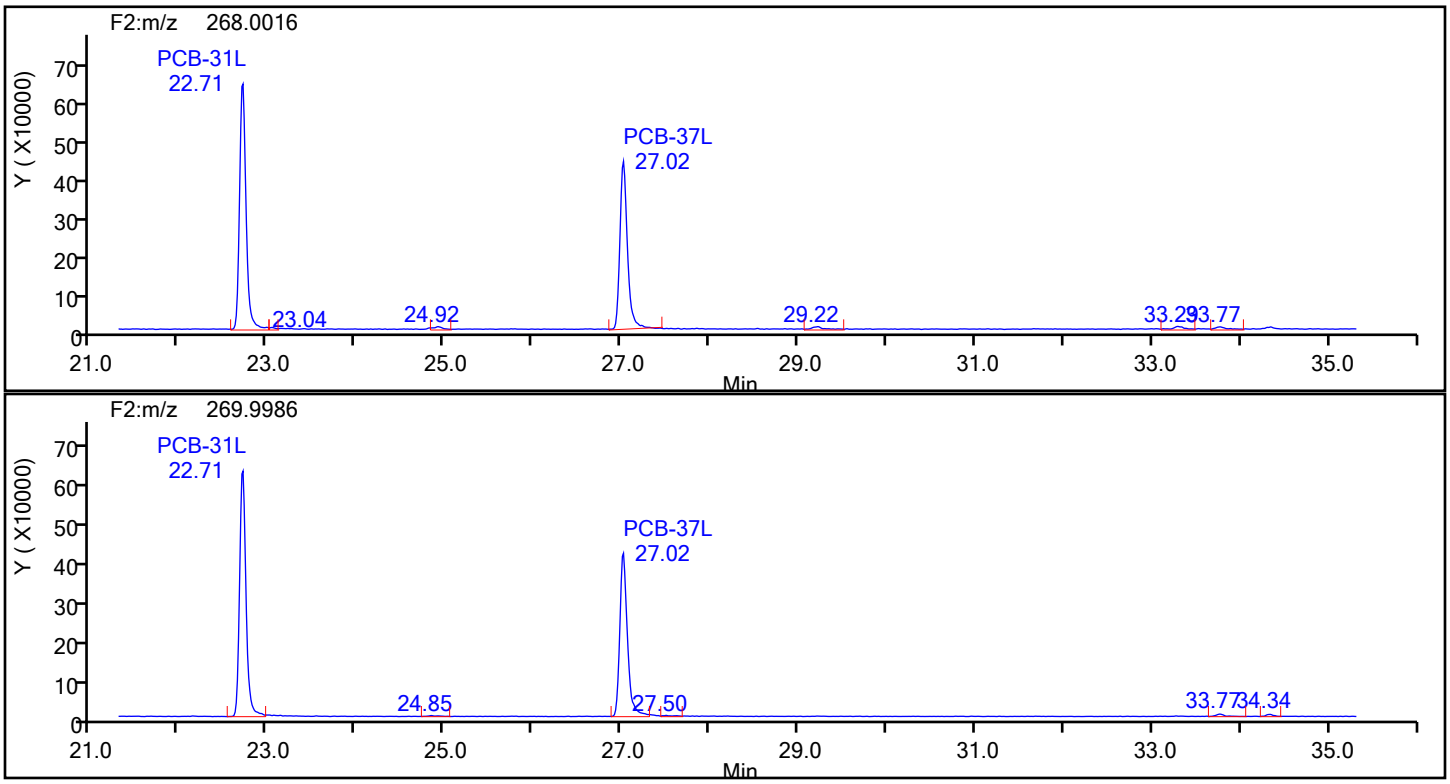
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

TriPCB F2



TriPCB F2 Standards

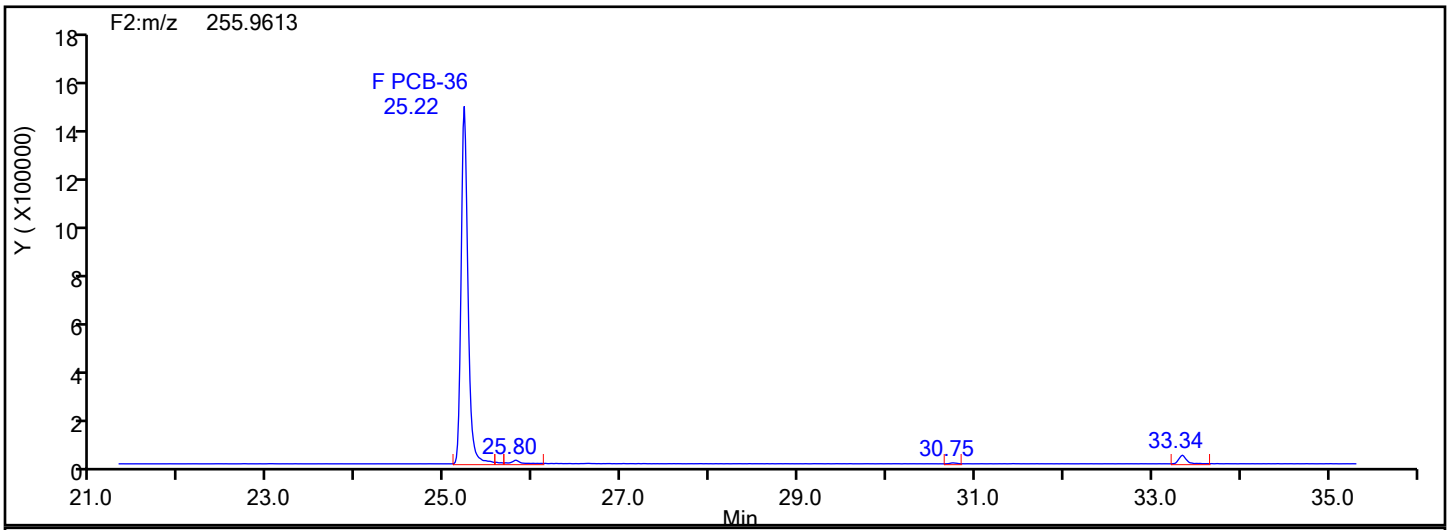


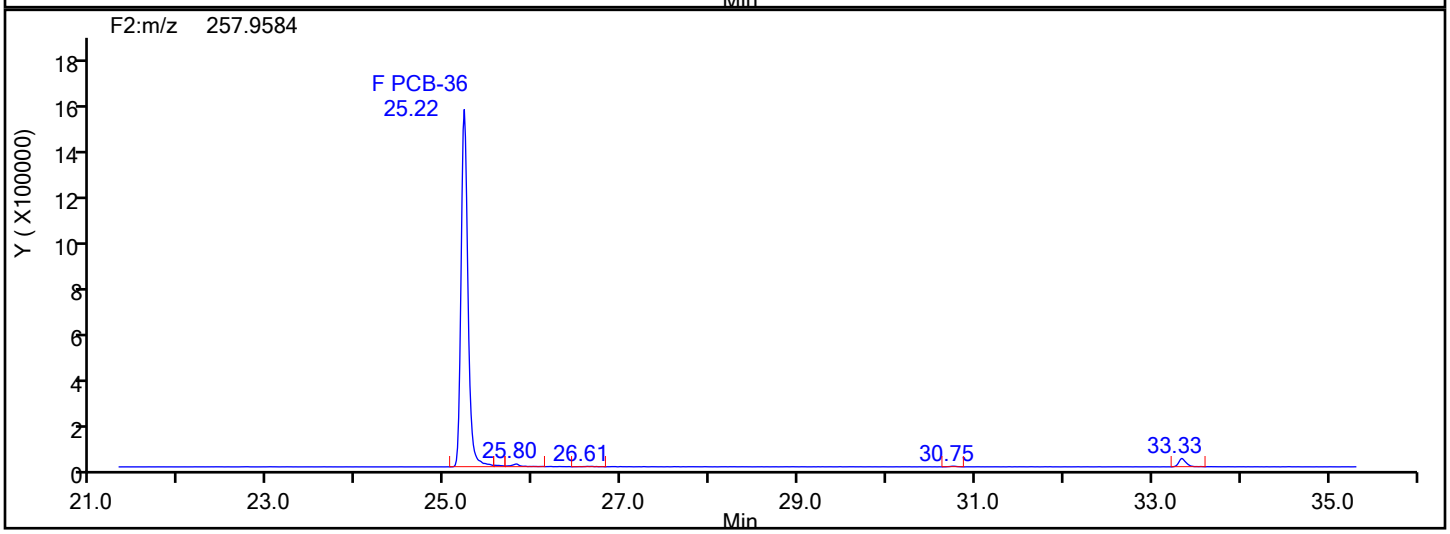
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

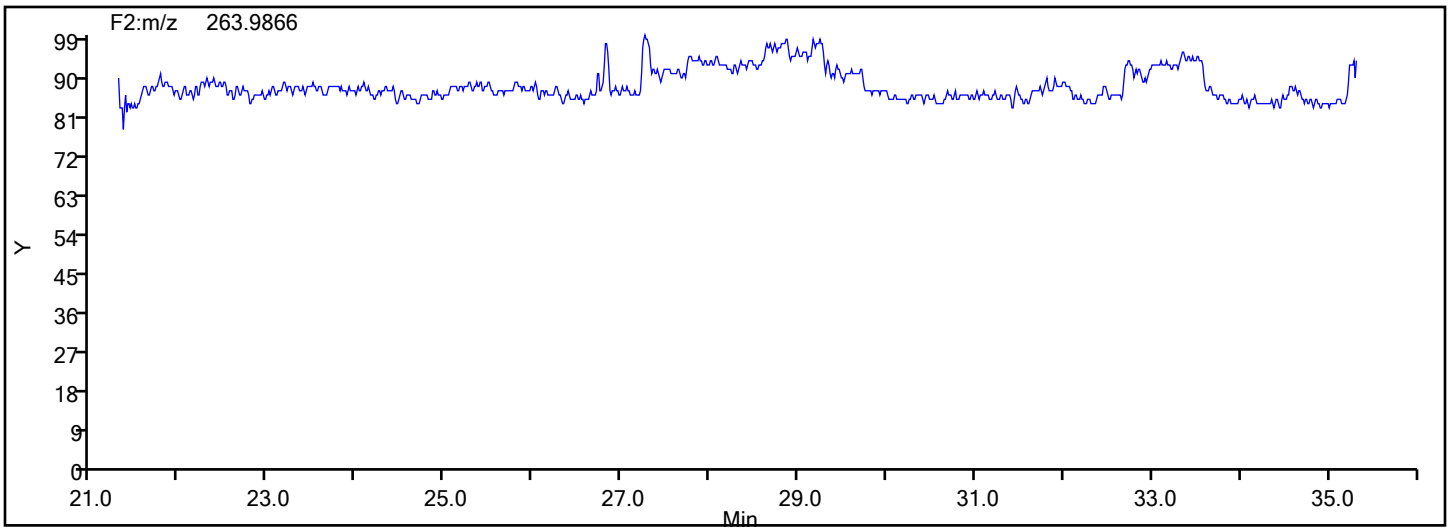
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

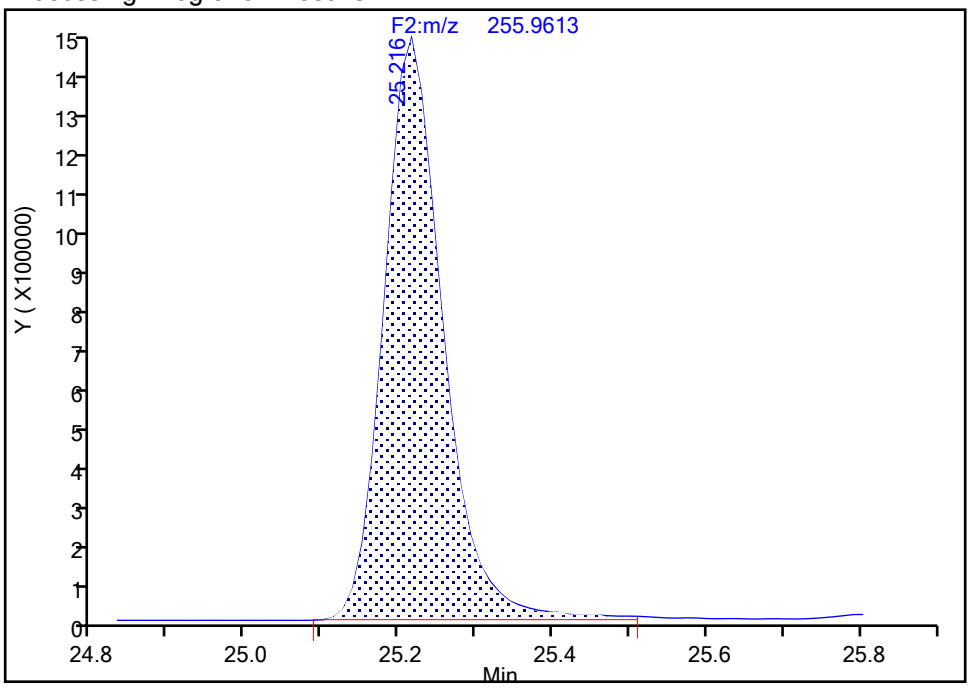
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-36, CAS: 38444-87-0

Signal: 1

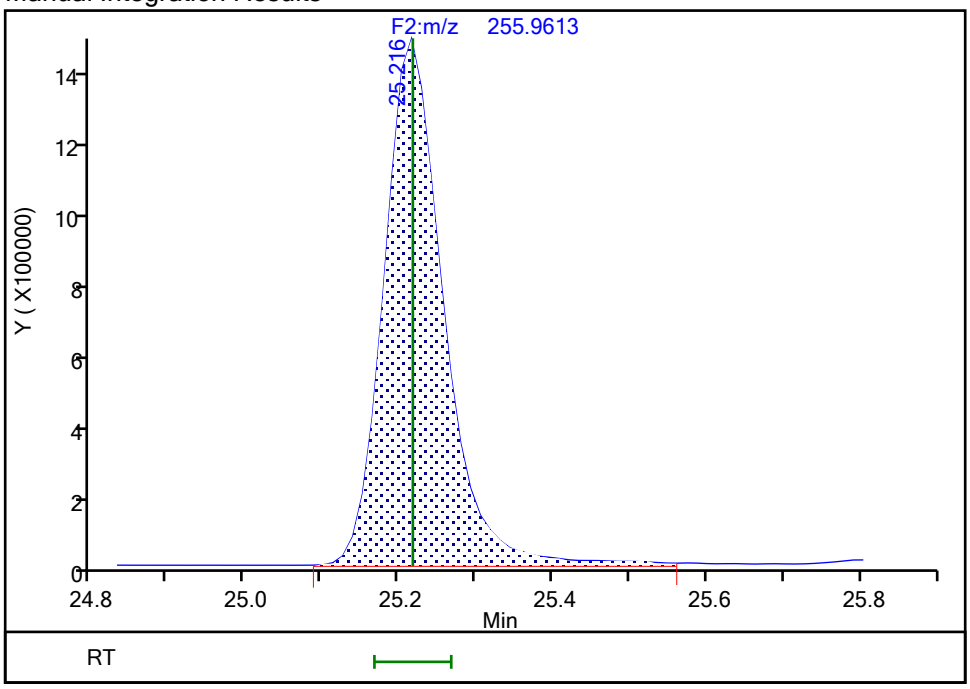
Processing Integration Results

RT: 25.22
Area: 8025548
Amount: 244.5131
Amount Units: pg/ul



Manual Integration Results

RT: 25.22
Area: 8045034
Amount: 244.1701
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:06:32 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

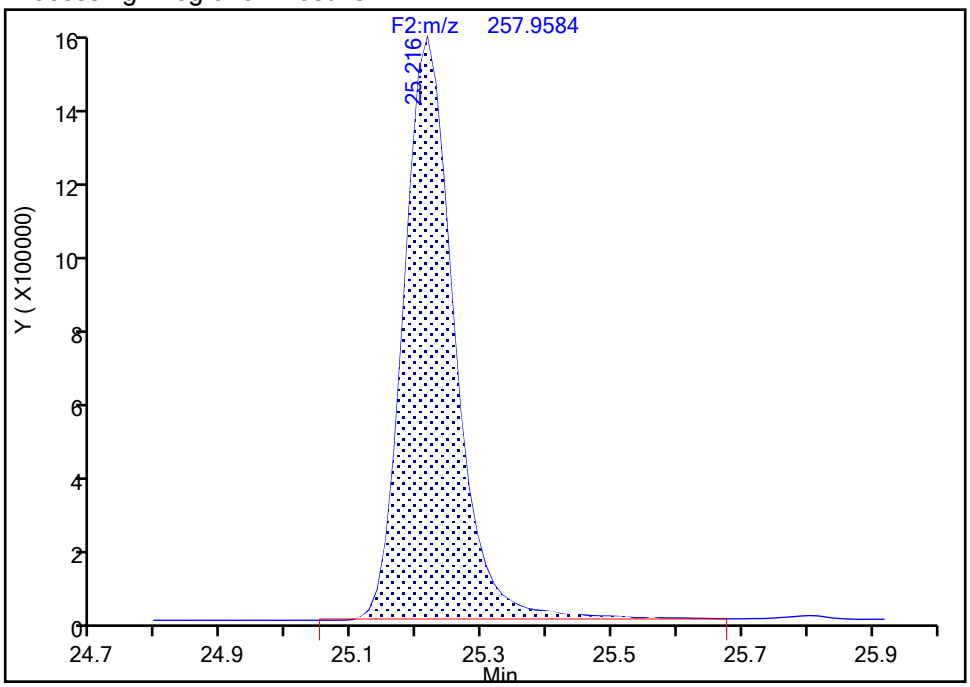
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-36, CAS: 38444-87-0

Signal: 2

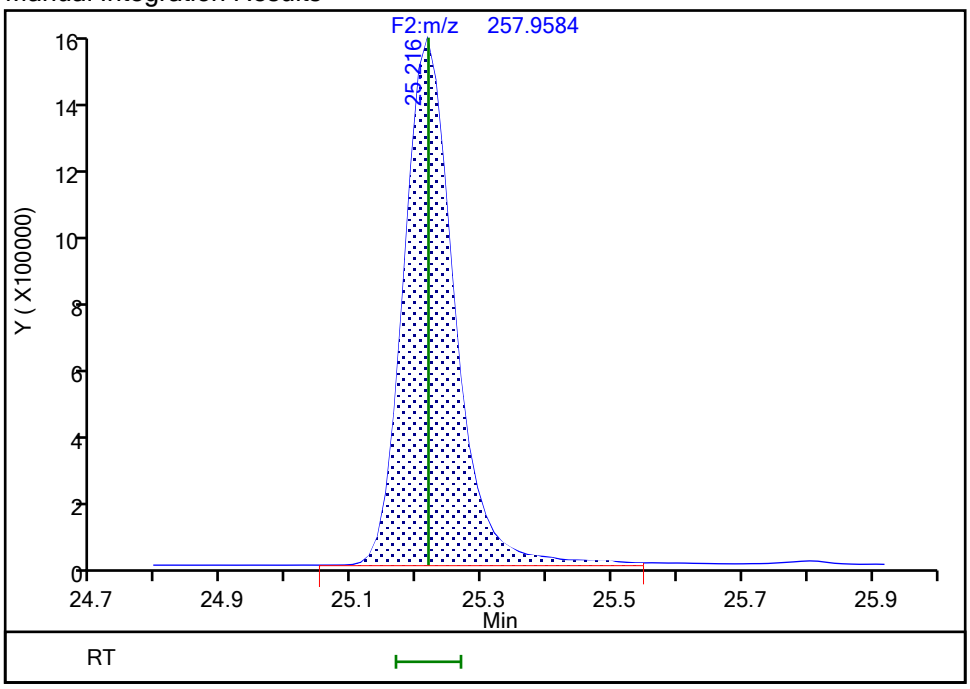
Processing Integration Results

RT: 25.22
Area: 8295935
Amount: 244.5131
Amount Units: pg/ul



Manual Integration Results

RT: 25.22
Area: 8253558
Amount: 244.1701
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:06:35 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

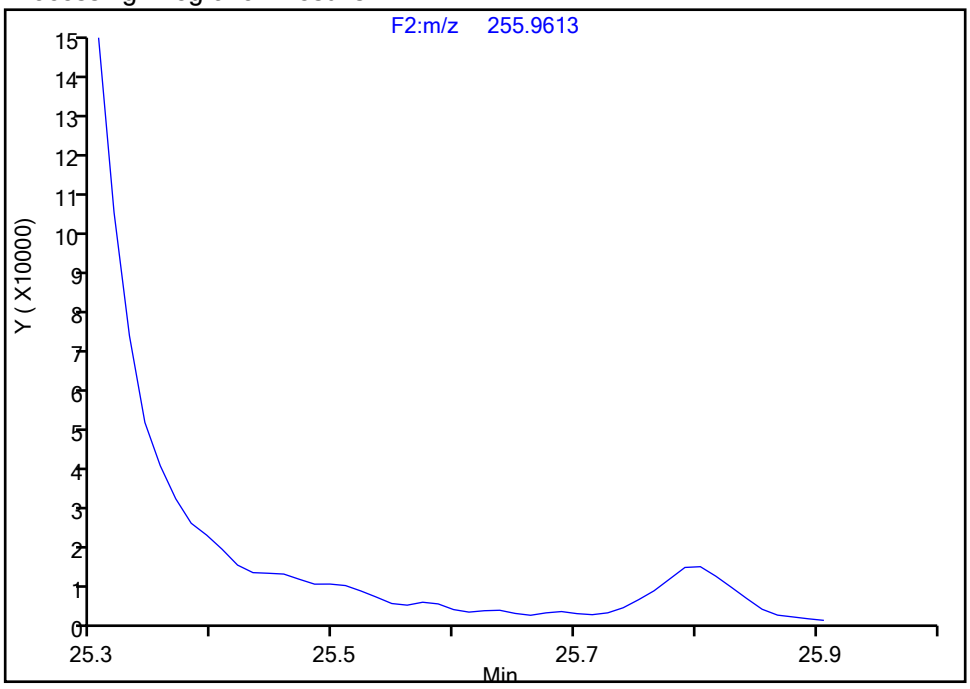
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-39, CAS: 38444-88-1

Signal: 1

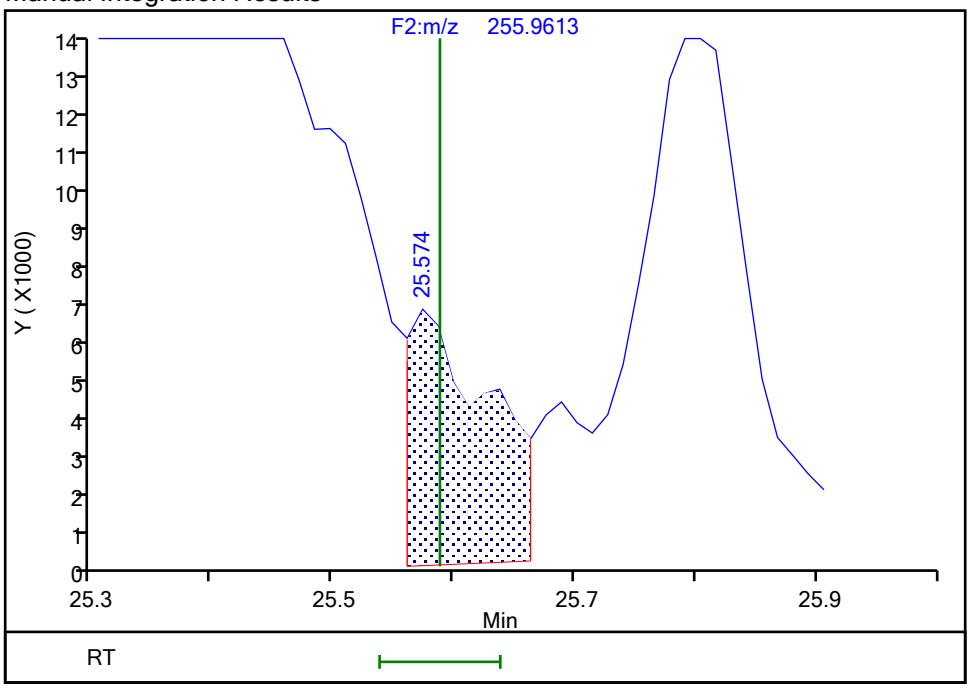
Not Detected
Expected RT: 25.59

Processing Integration Results



Manual Integration Results

RT: 25.57
Area: 27734
Amount: 1.170670
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:06:32 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

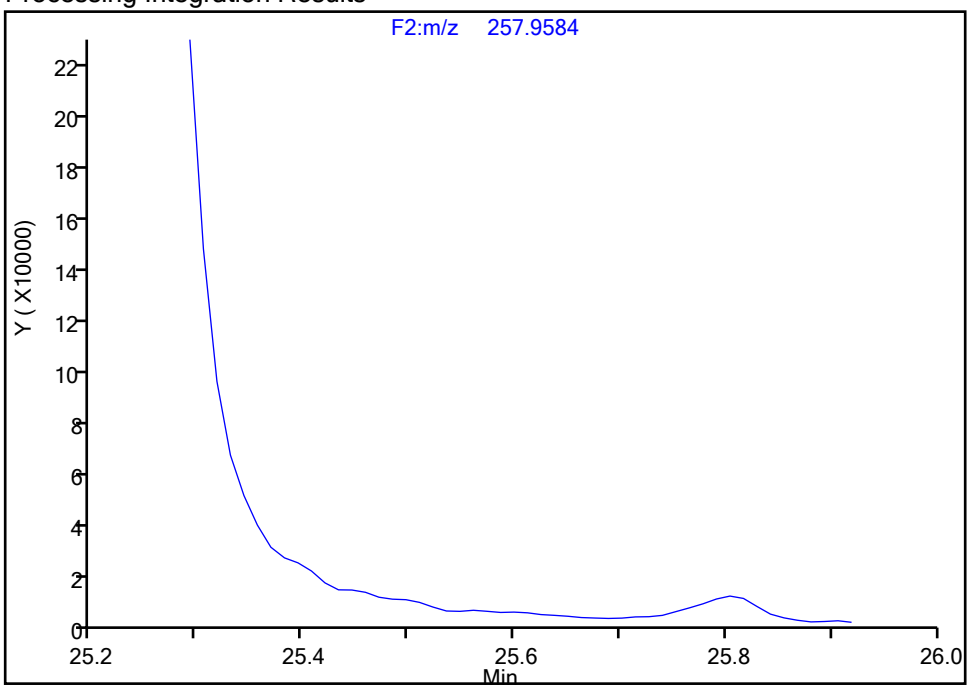
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-39, CAS: 38444-88-1

Signal: 2

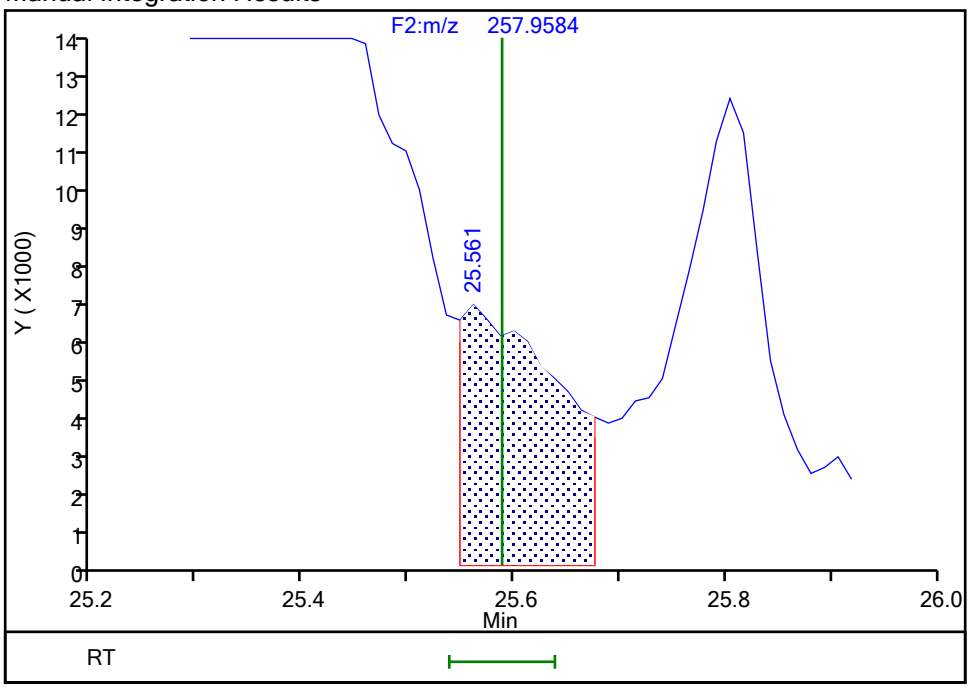
Not Detected
Expected RT: 25.59

Processing Integration Results



Manual Integration Results

RT: 25.56
Area: 42377
Amount: 1.170670
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:06:35 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

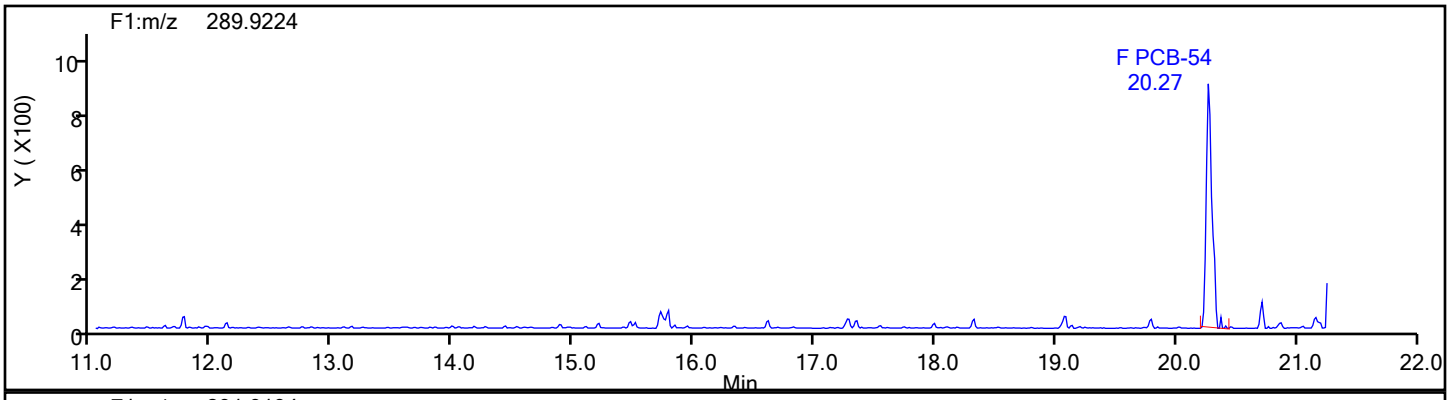
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

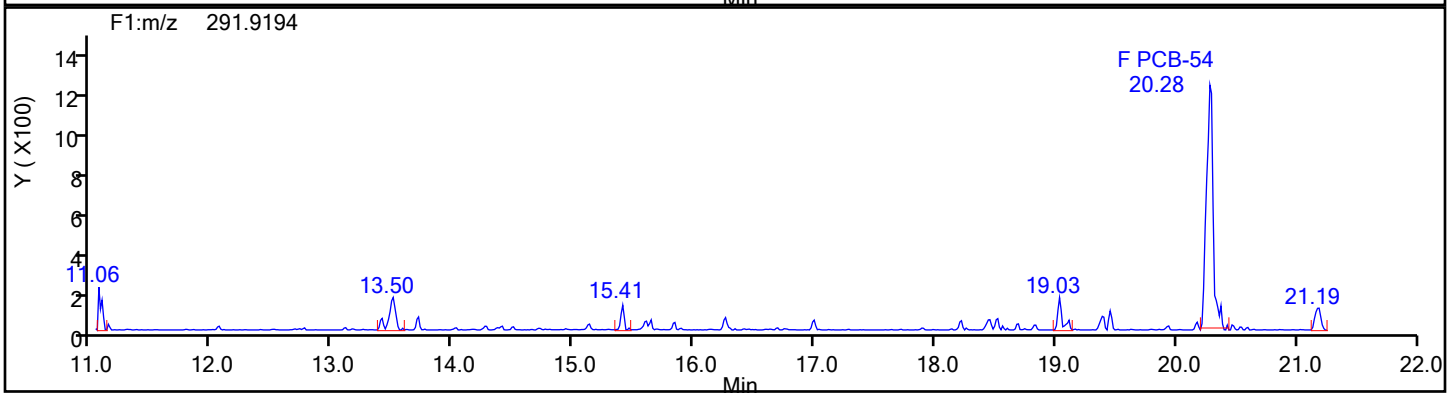
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

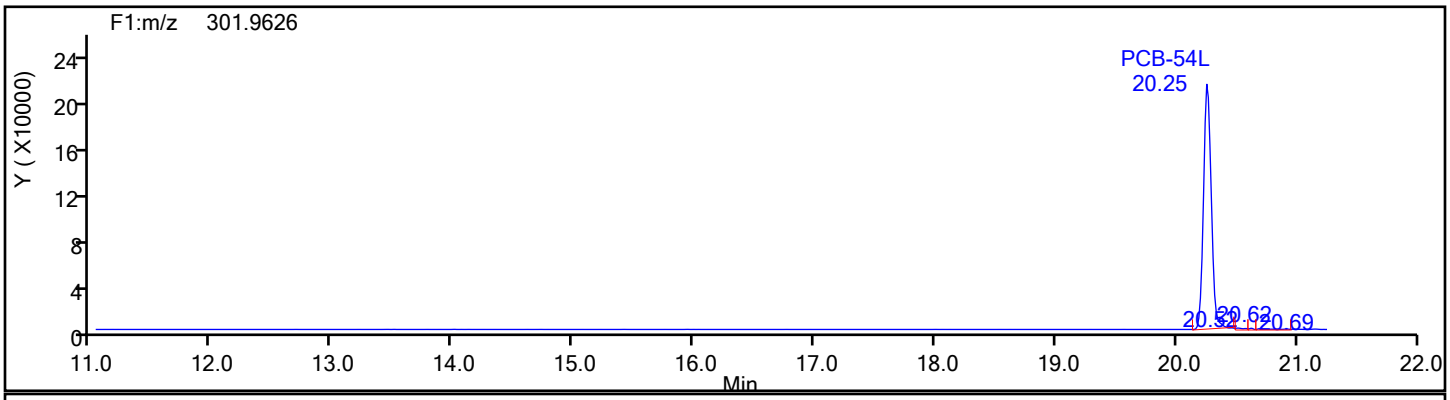
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

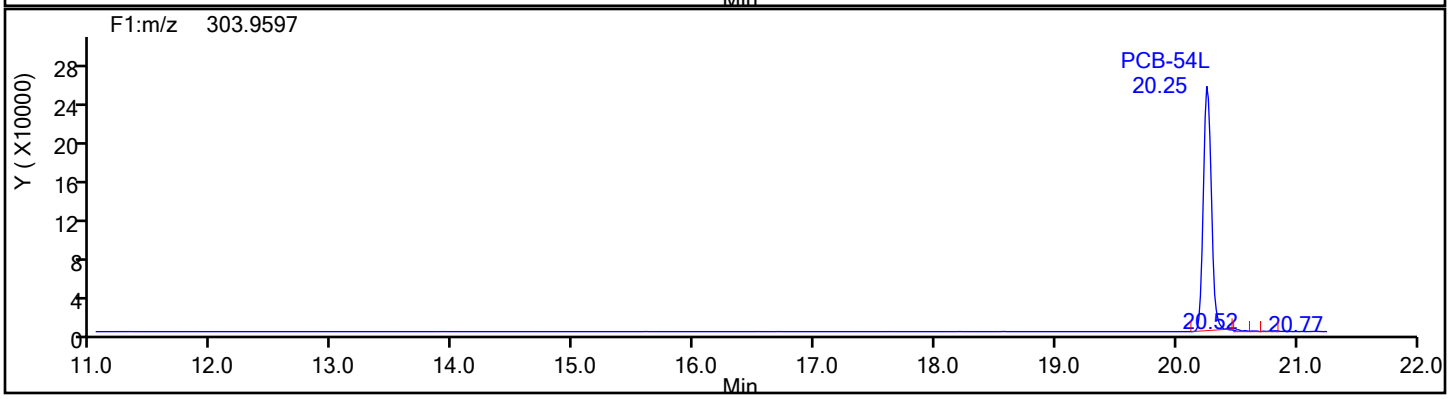
TePCB F1





TePCB F1 Standards



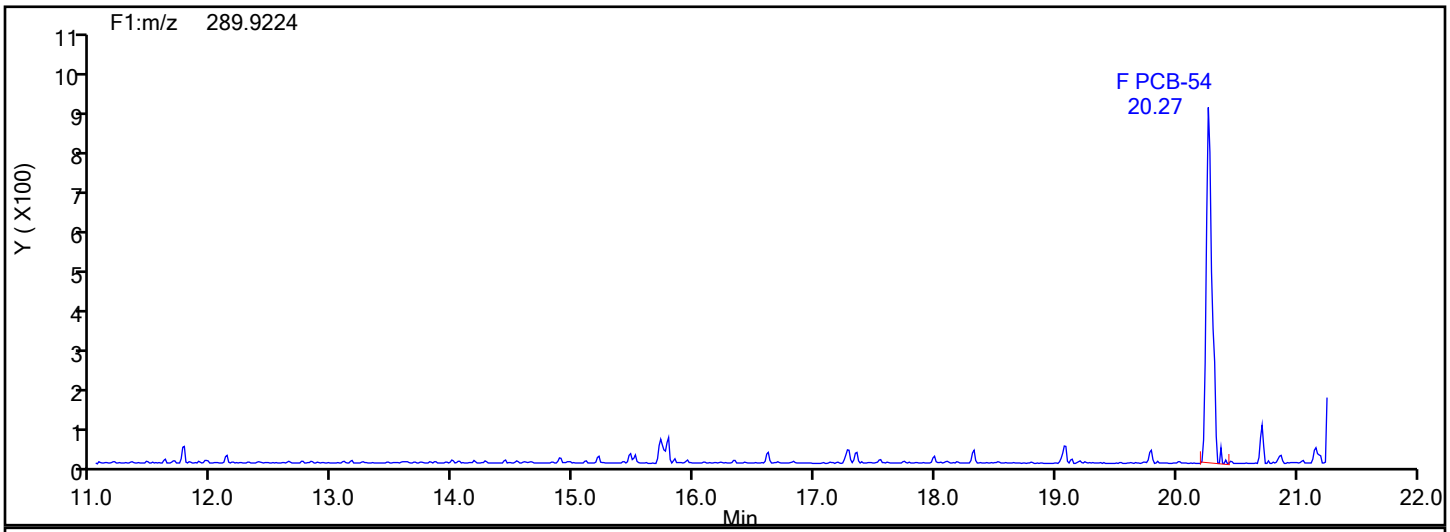


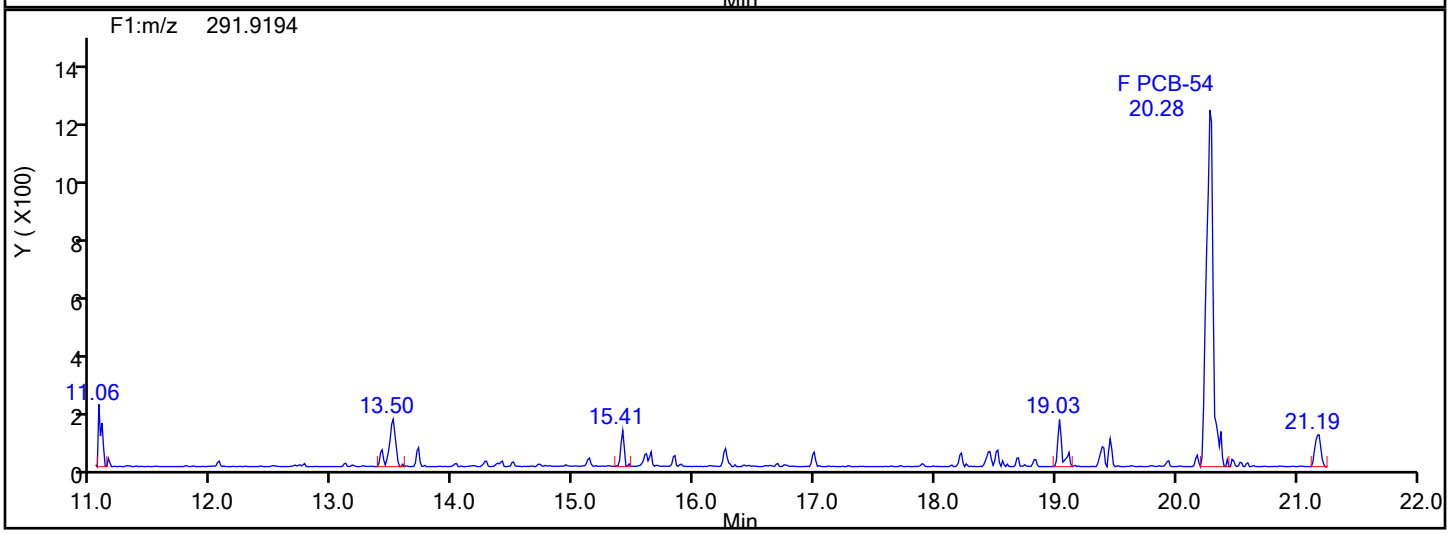
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

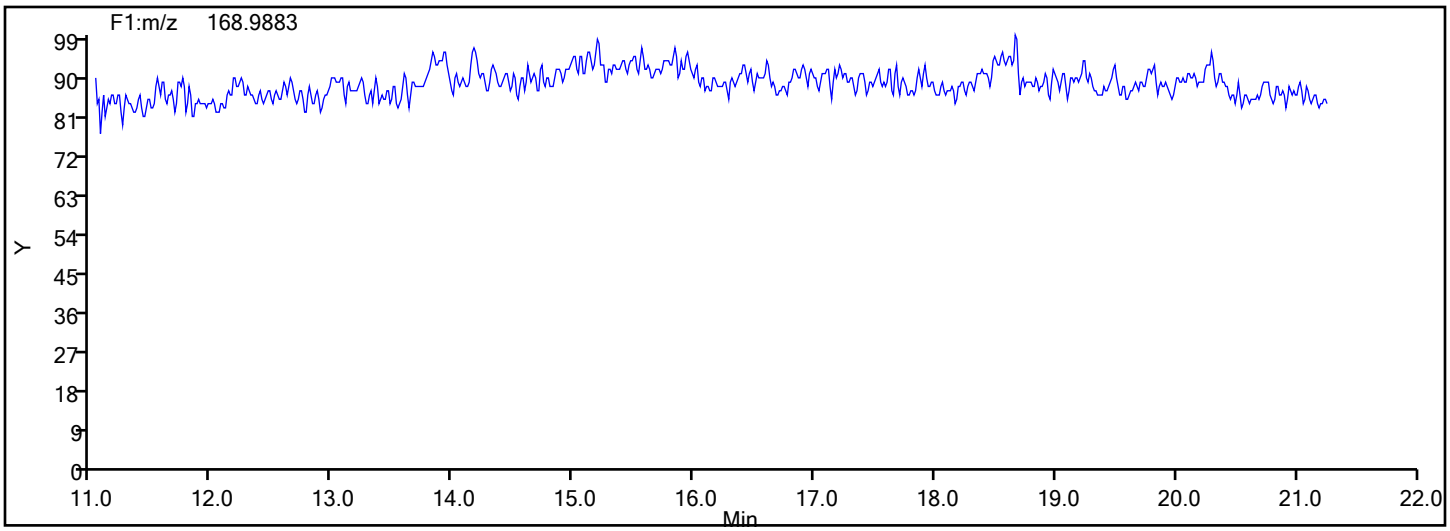
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



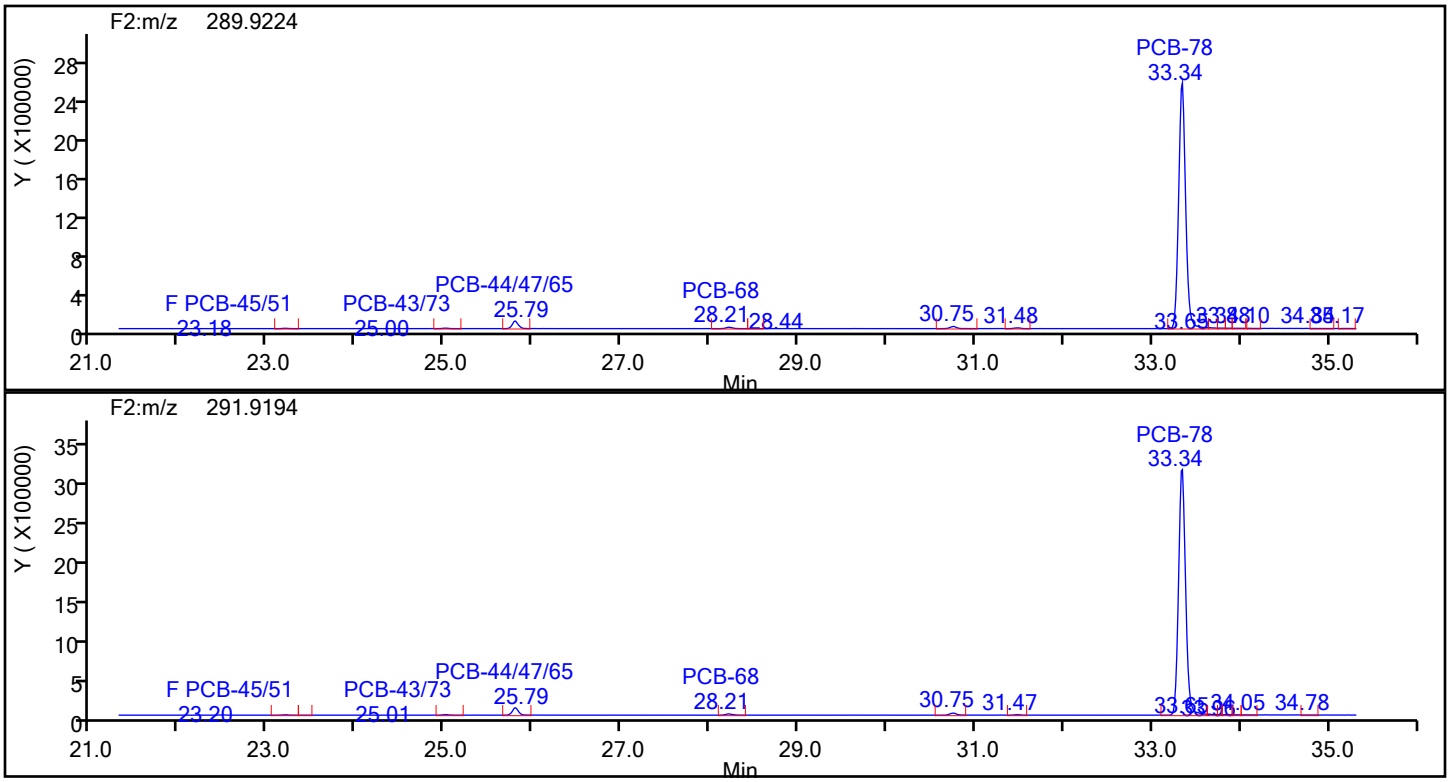
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

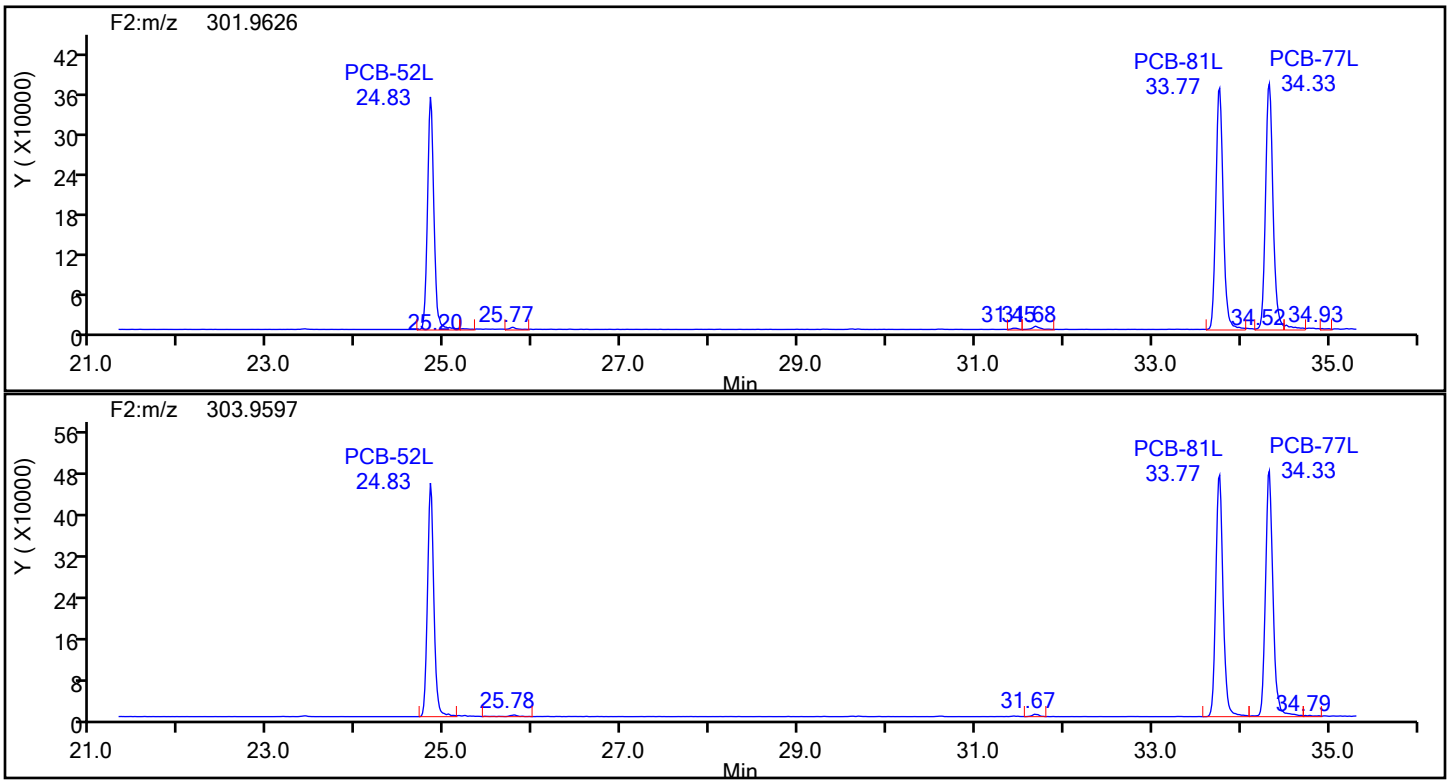
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

TePCB F2



TePCB F2 Standards

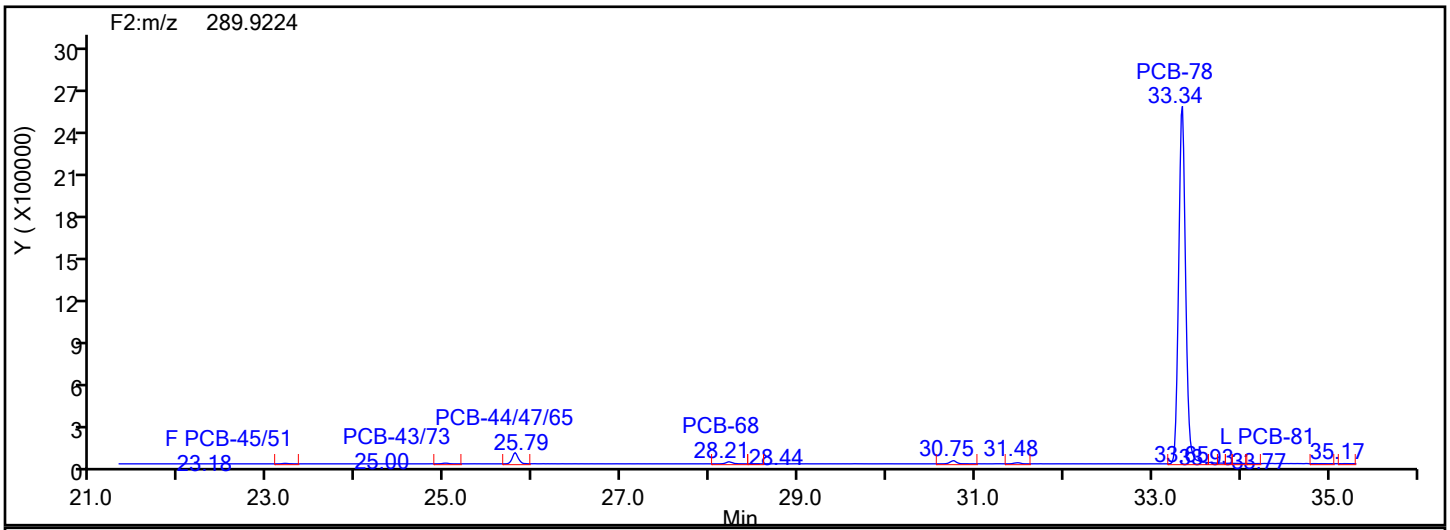


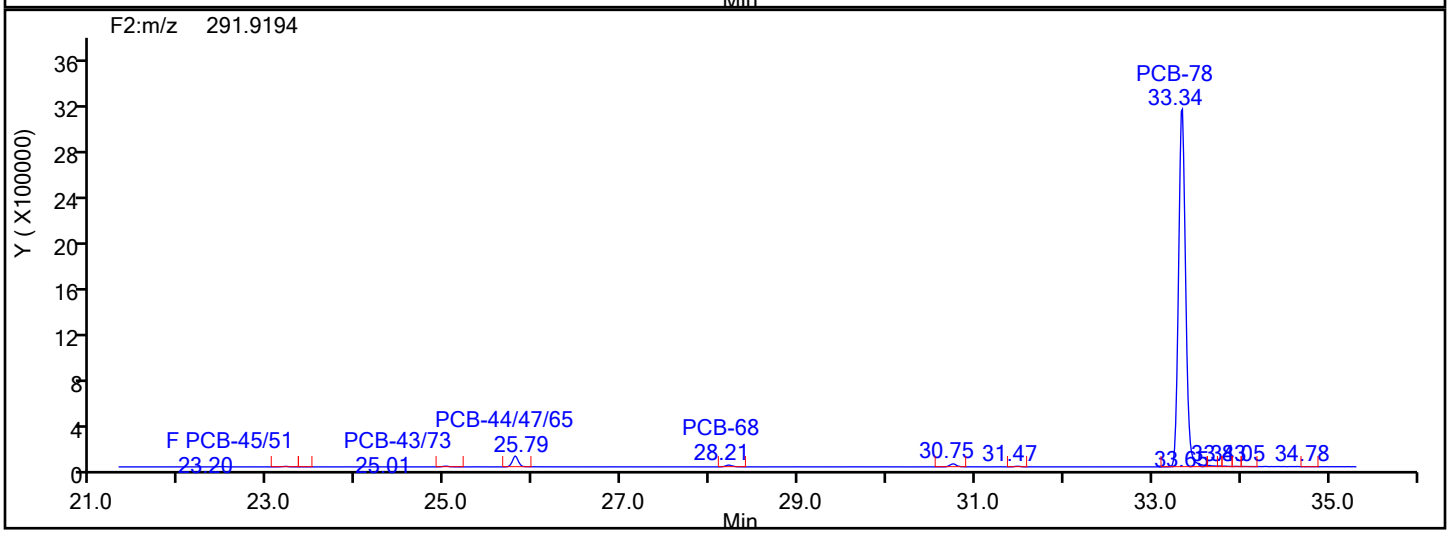
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

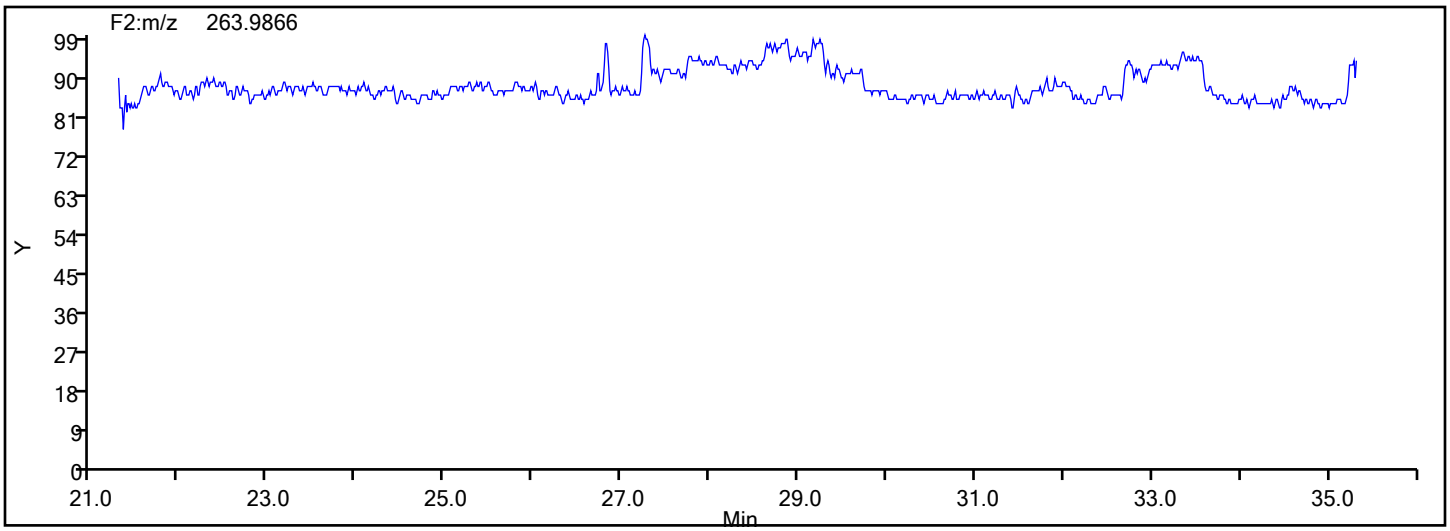
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

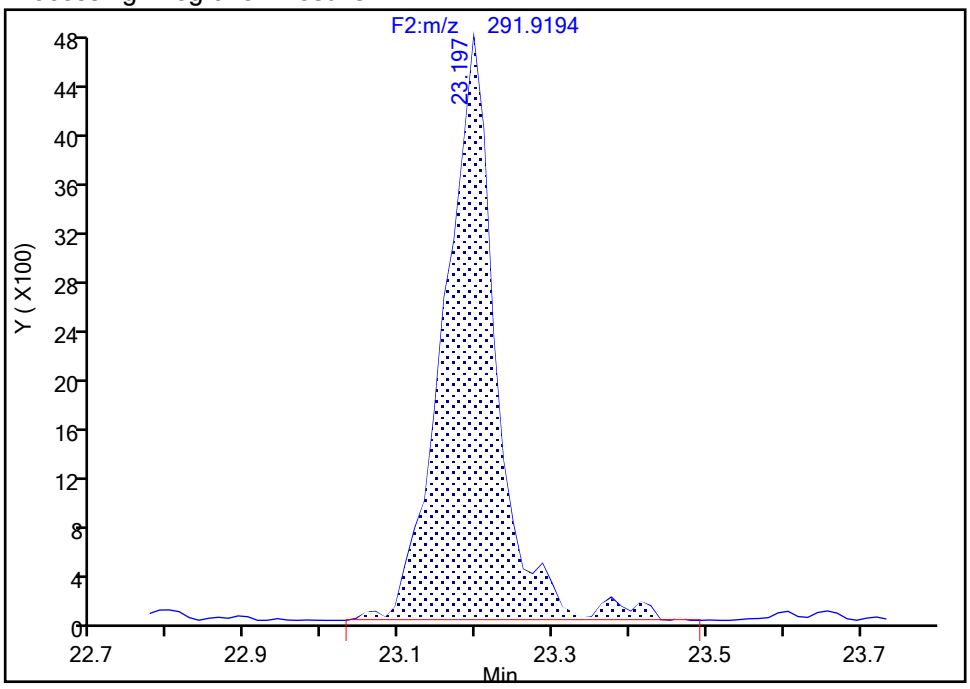
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 2

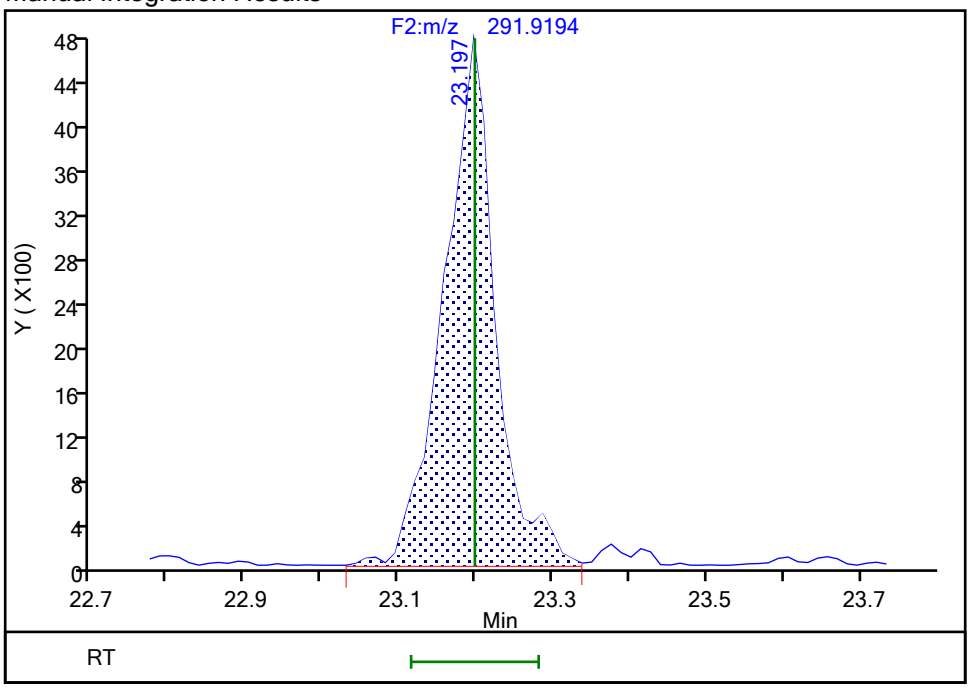
Processing Integration Results

RT: 23.20
Area: 22407
Amount: 1.113001
Amount Units: pg/ul



Manual Integration Results

RT: 23.20
Area: 21766
Amount: 1.094568
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:07:04 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

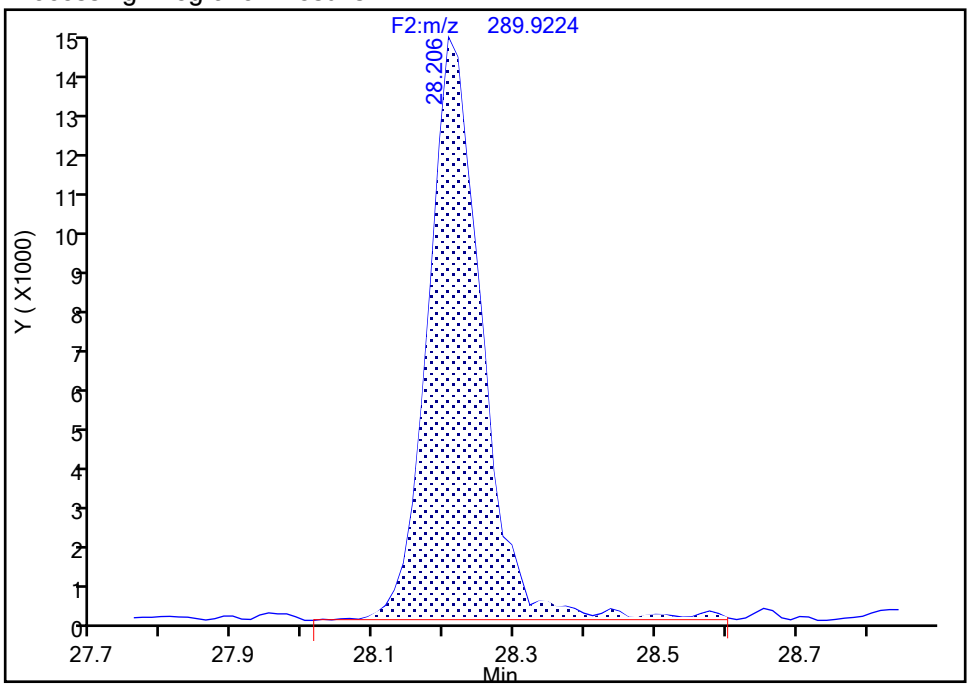
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-68, CAS: 73575-52-7

Signal: 1

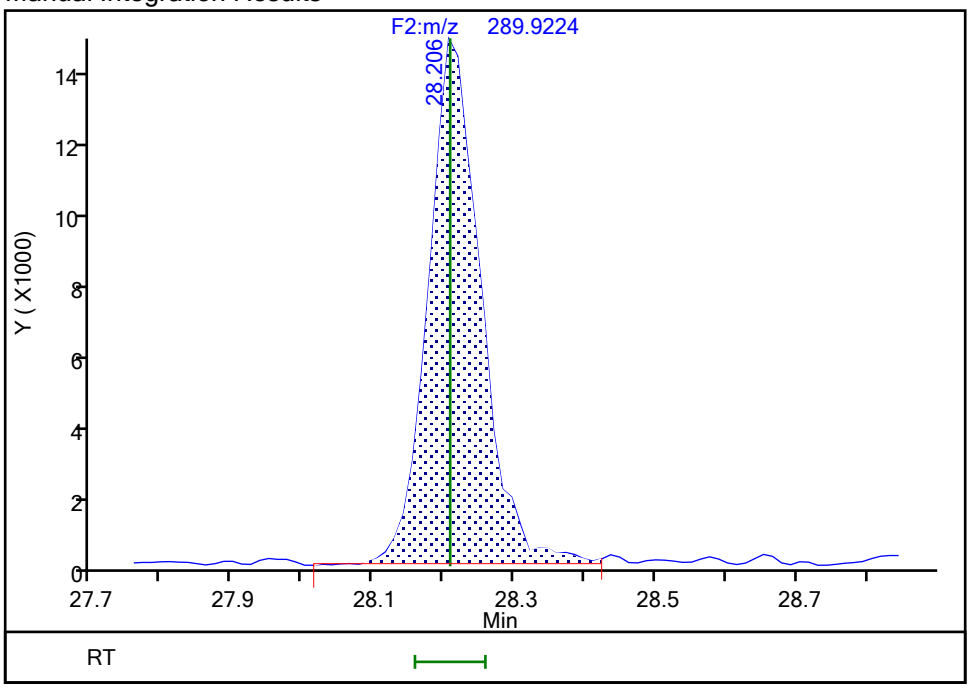
Processing Integration Results

RT: 28.21
Area: 75842
Amount: 2.951747
Amount Units: pg/ul



Manual Integration Results

RT: 28.21
Area: 74419
Amount: 2.926095
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:07:17 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

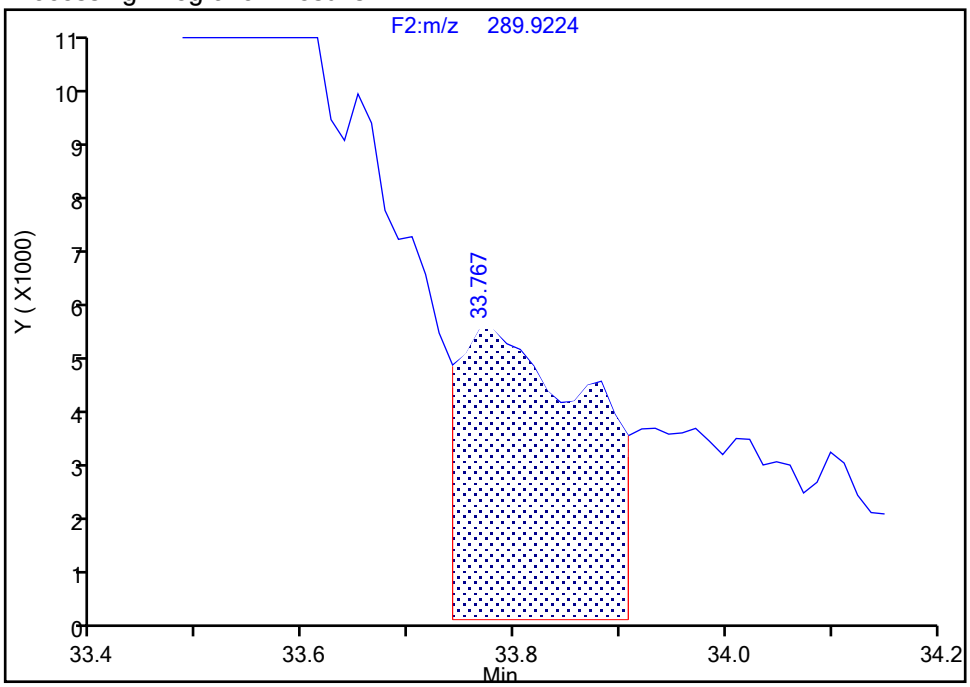
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-81, CAS: 70362-50-4

Signal: 1

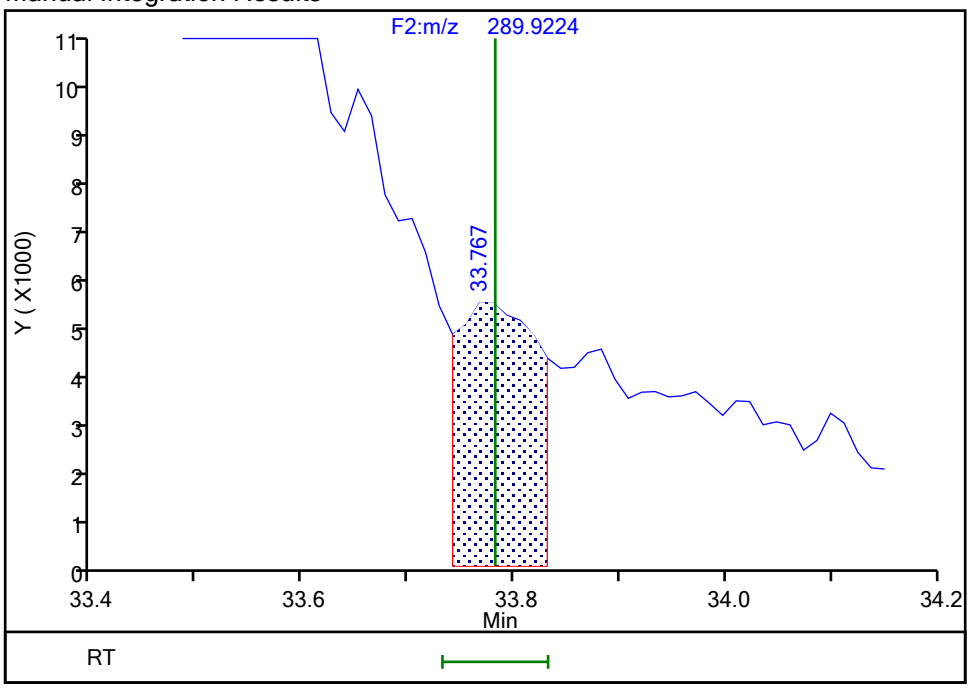
Processing Integration Results

RT: 33.77
Area: 44554
Amount: 1.359686
Amount Units: pg/ul



Manual Integration Results

RT: 33.77
Area: 26226
Amount: 0.985771
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:07:51 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

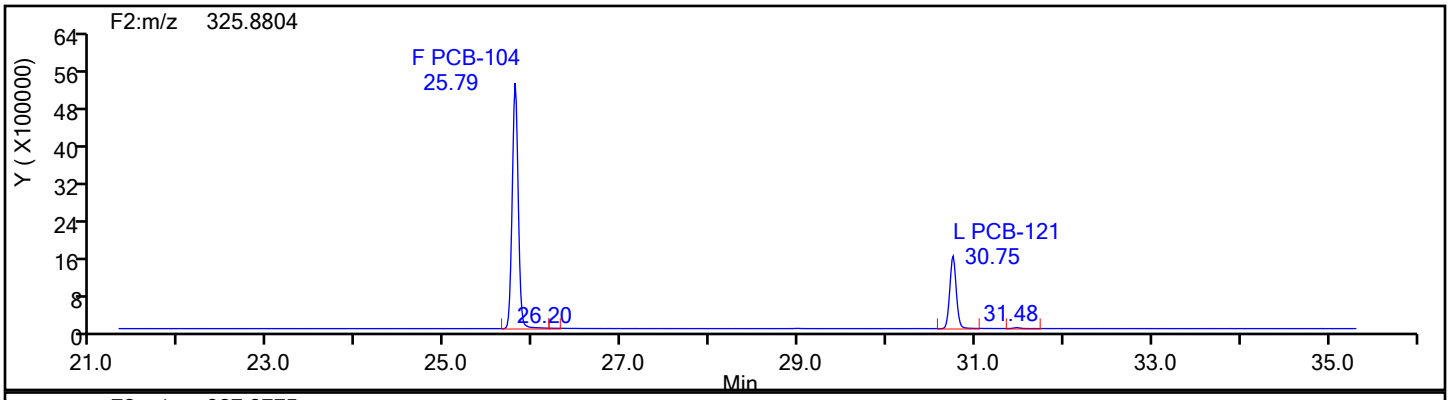
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

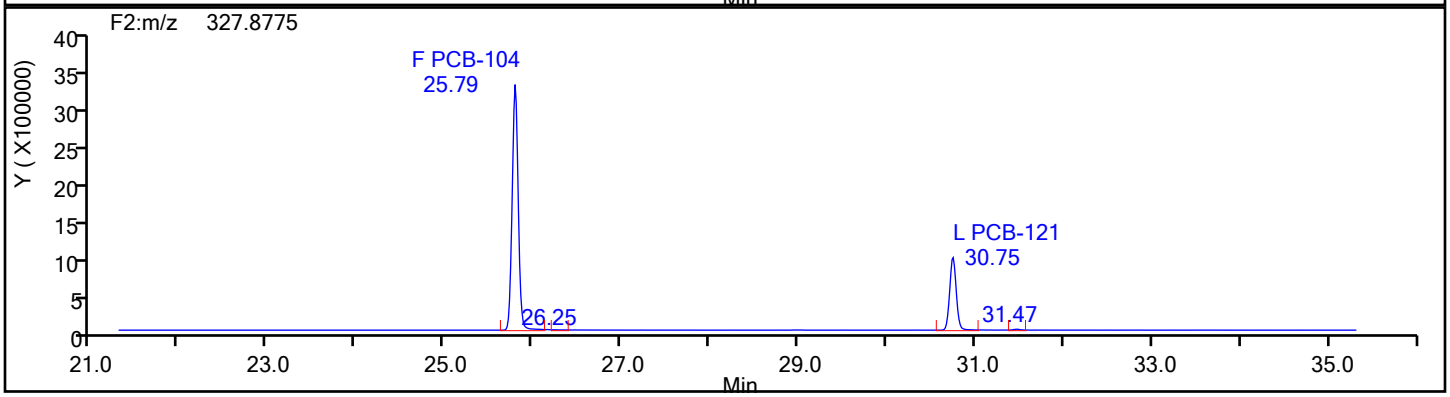
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

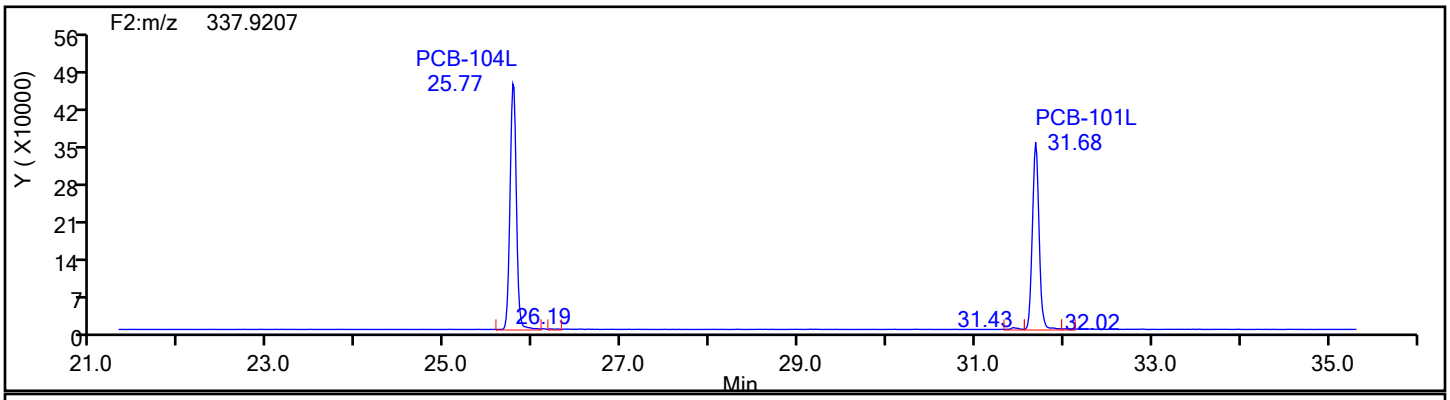
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

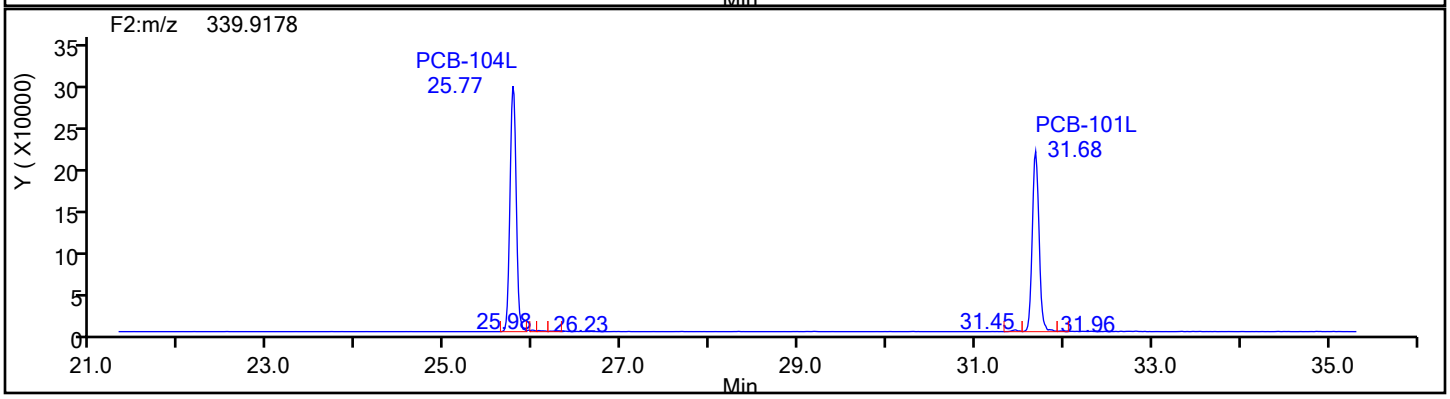
PePCB F2





PePCB F2 Standards



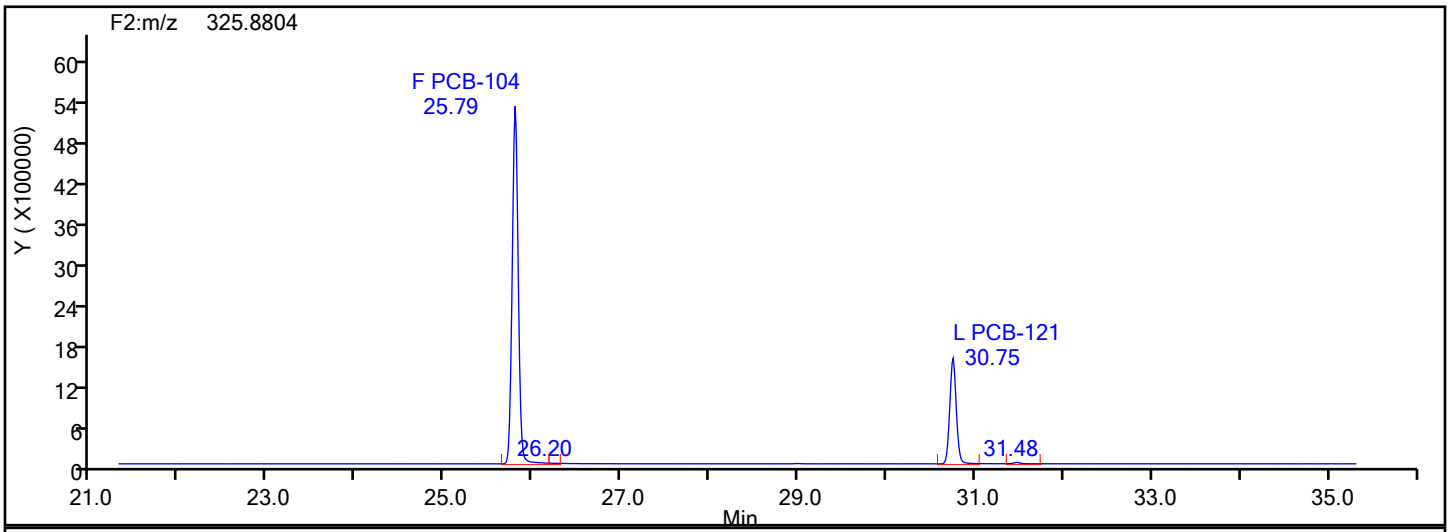


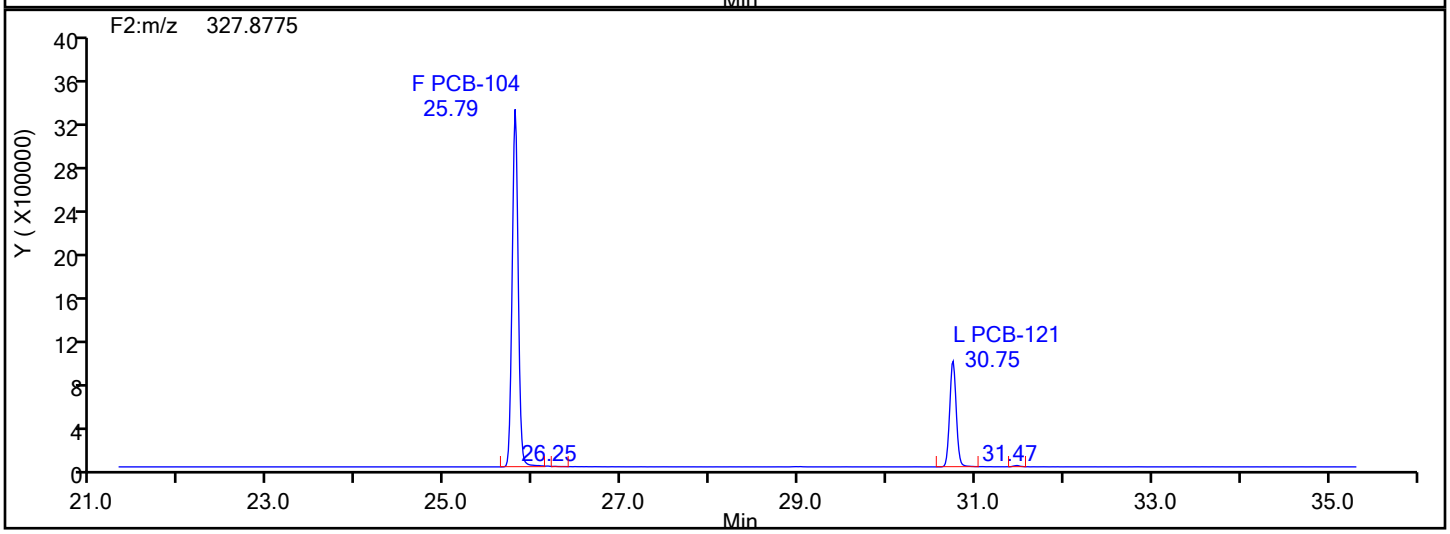
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

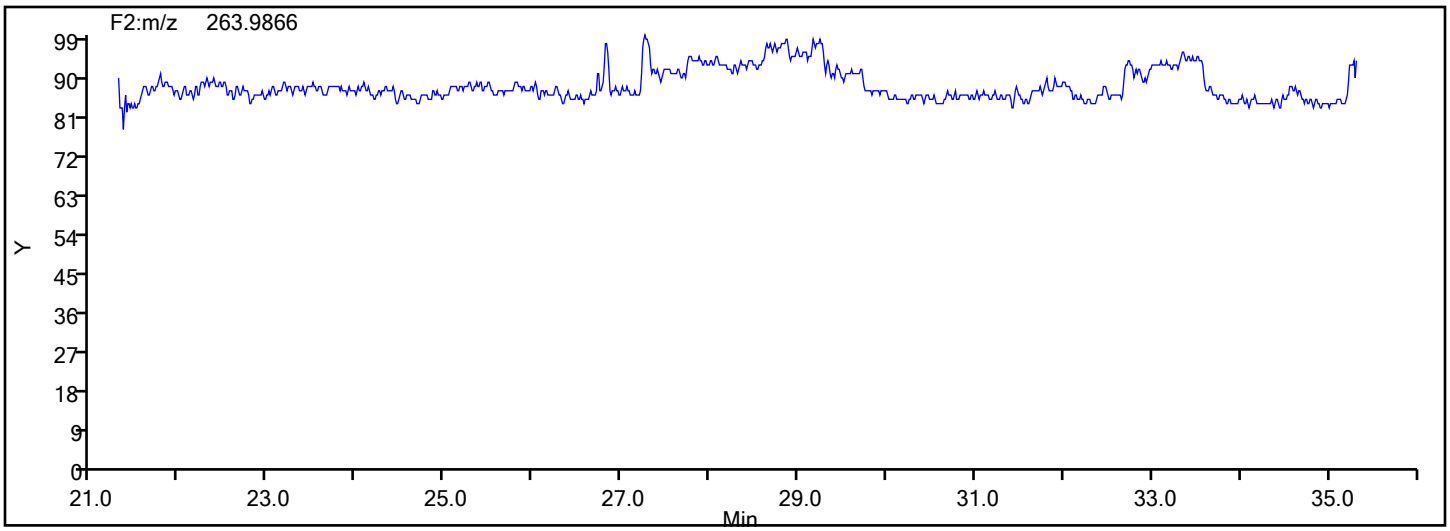
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



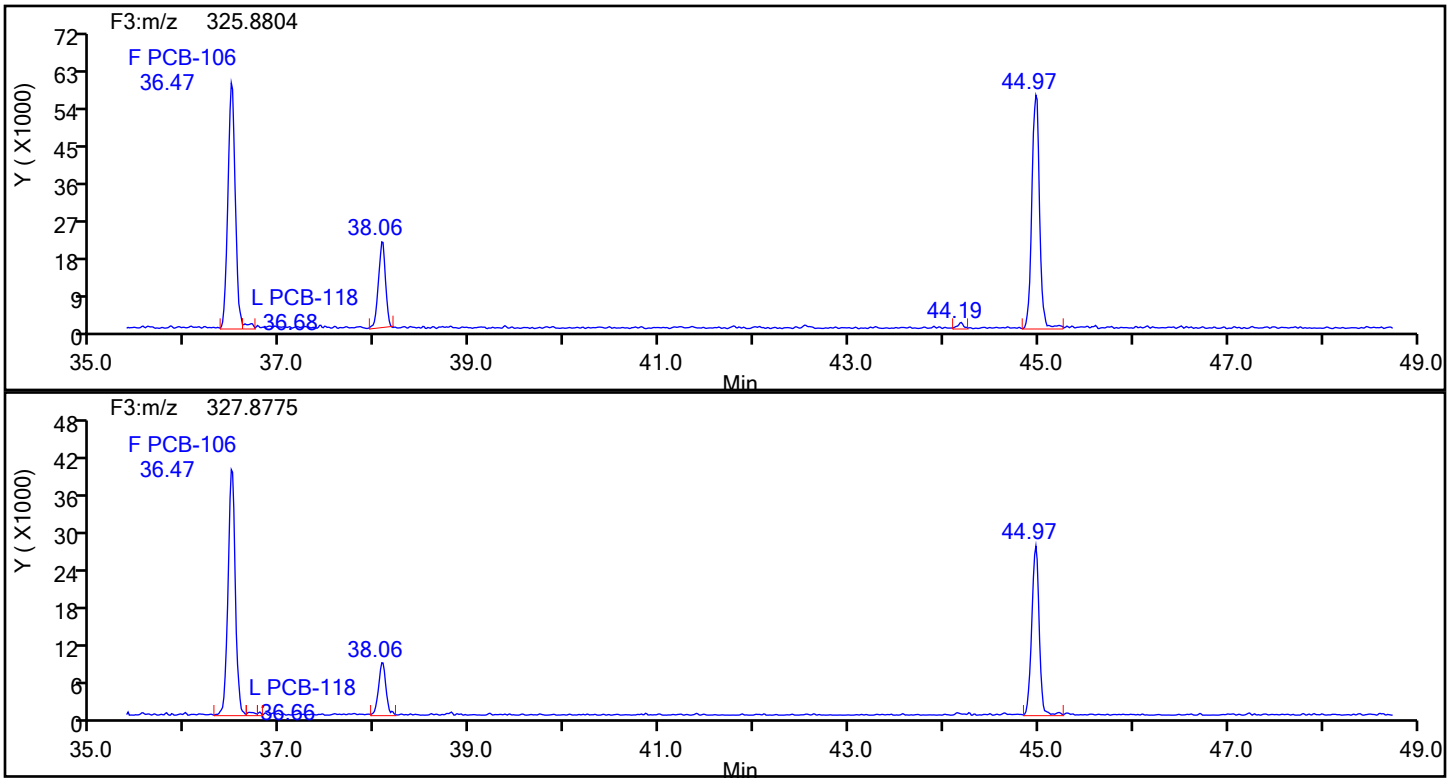
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

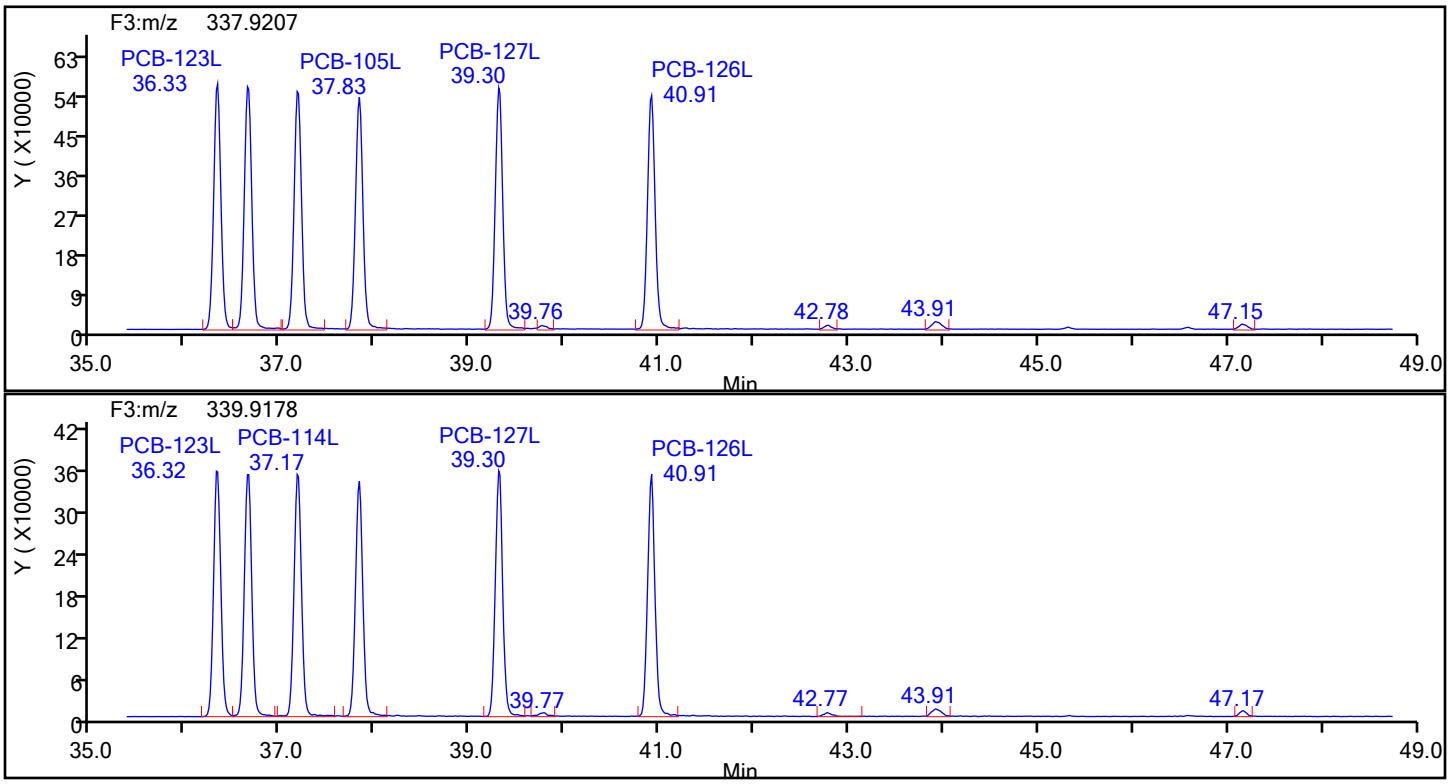
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards



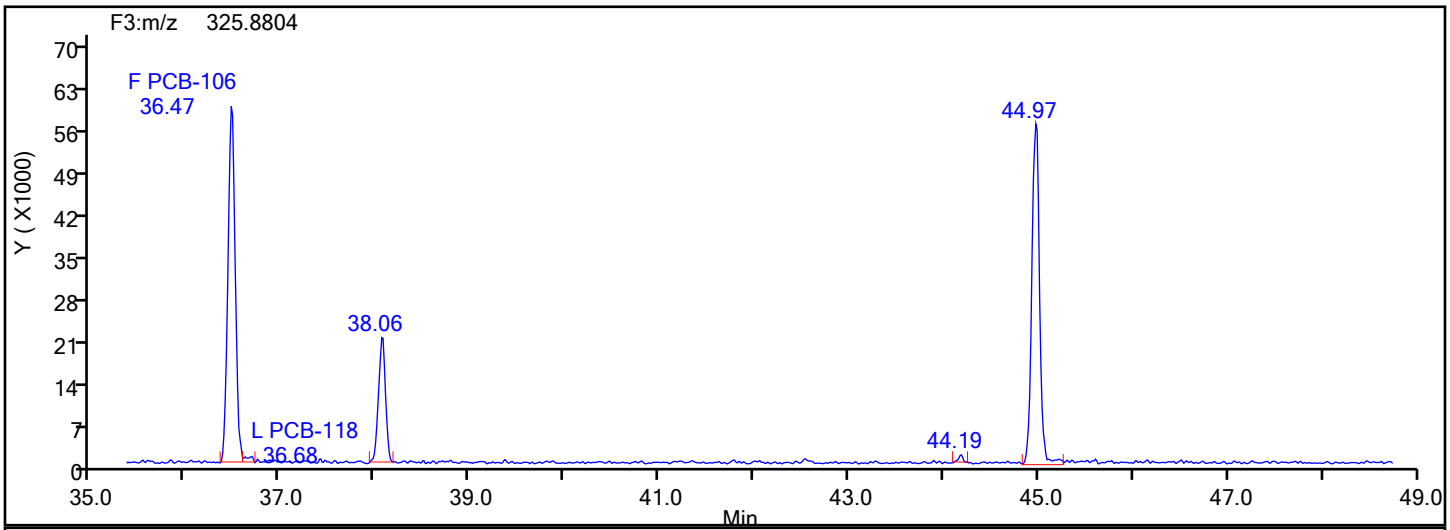
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

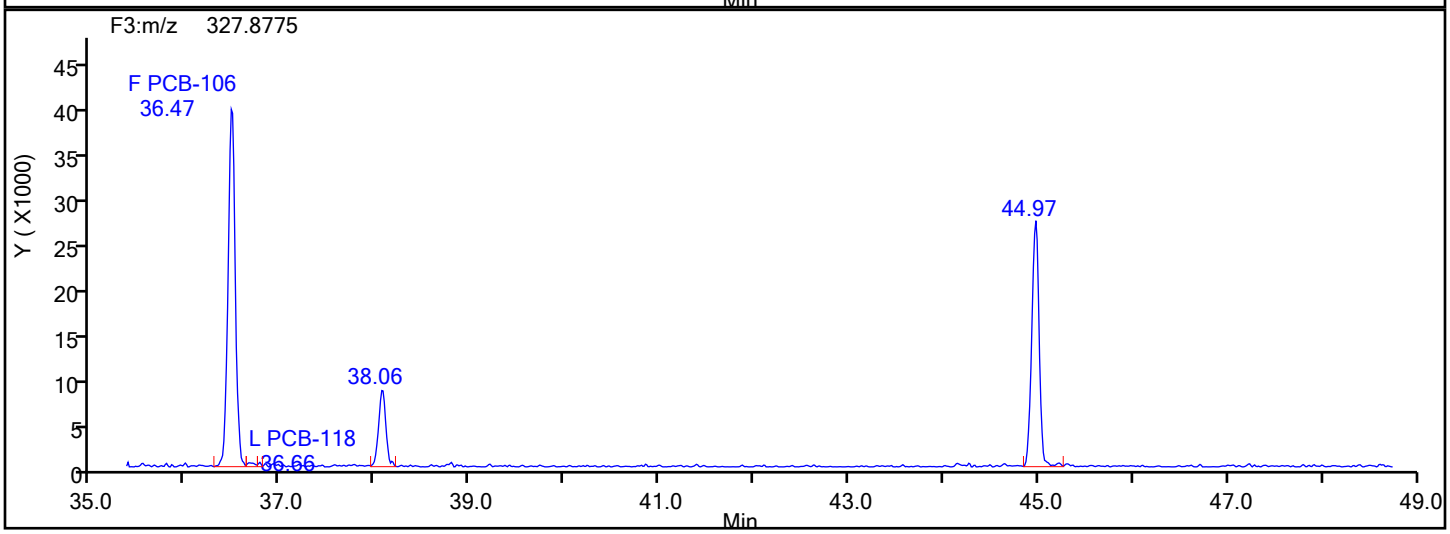
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

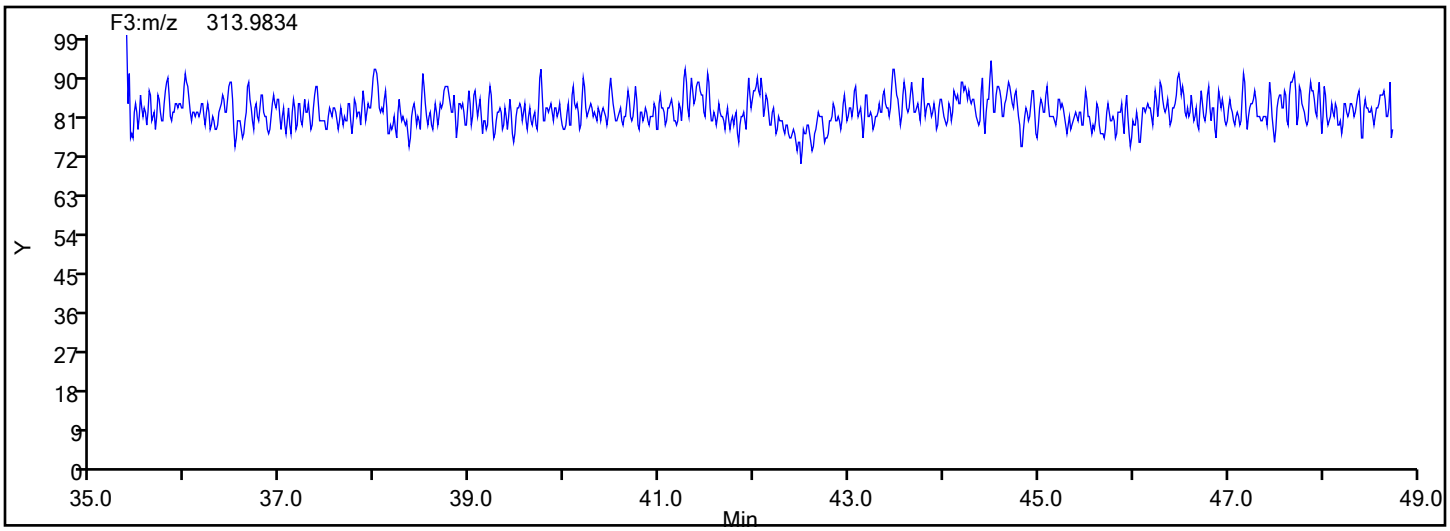
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Eurofins Knoxville

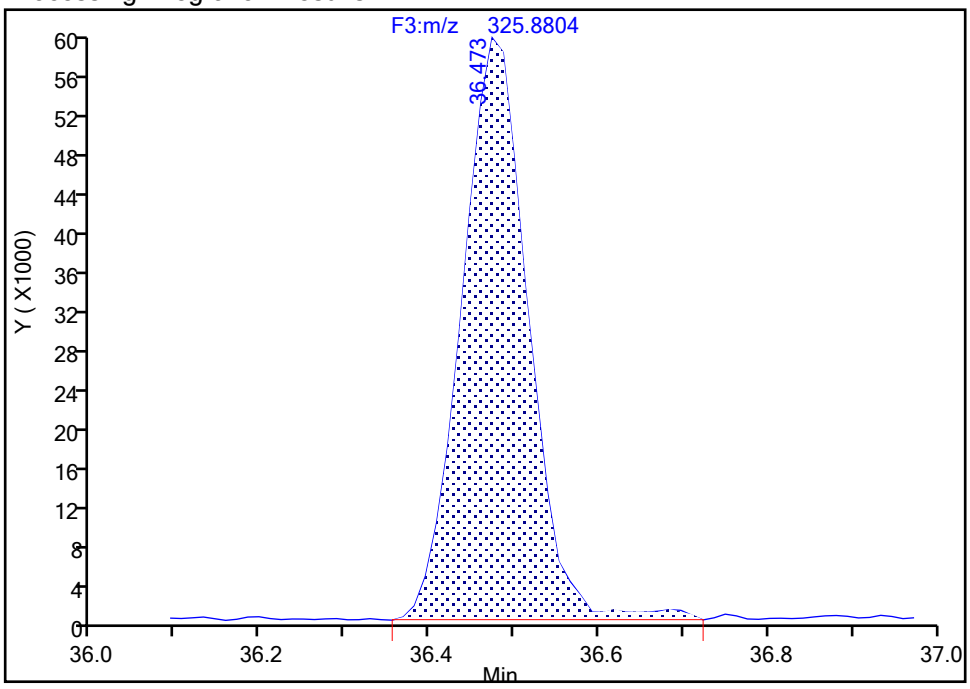
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 1

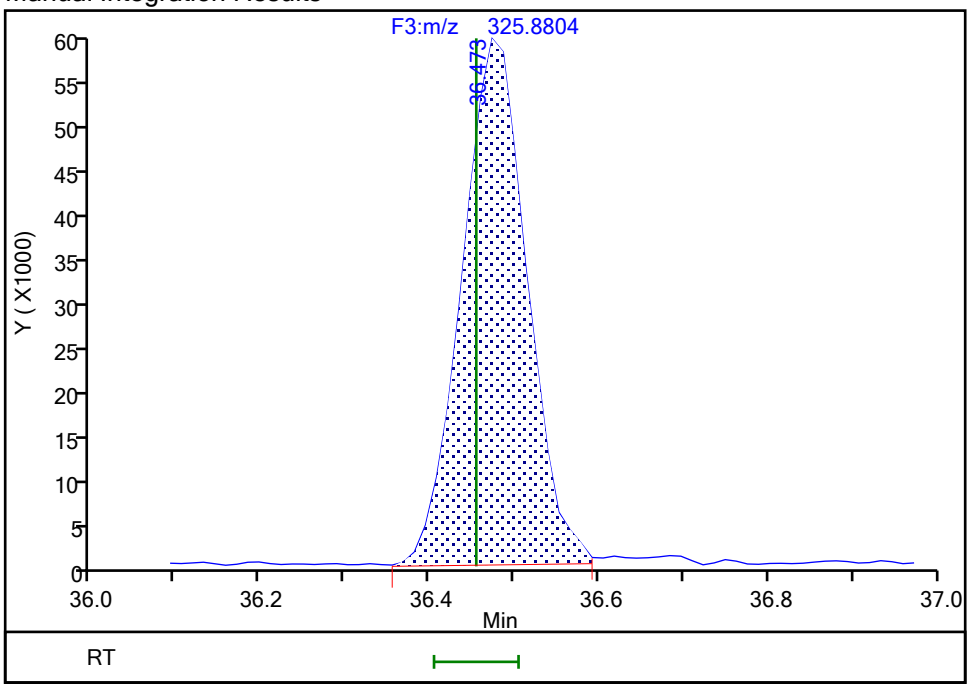
Processing Integration Results

RT: 36.47
Area: 323921
Amount: 9.395414
Amount Units: pg/ul



Manual Integration Results

RT: 36.47
Area: 317688
Amount: 9.228488
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:08:41 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

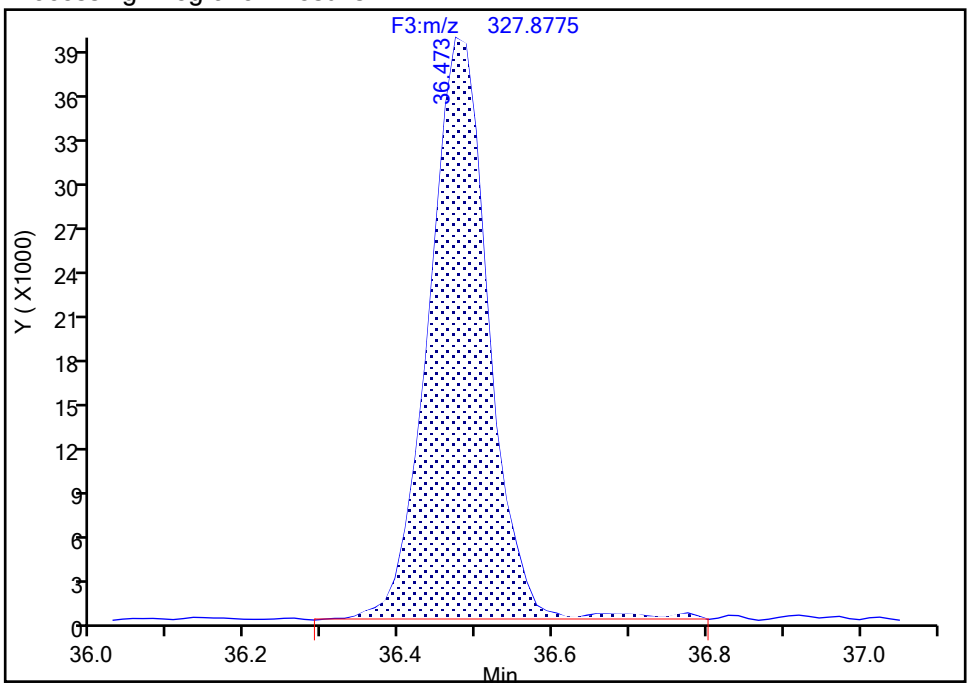
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 2

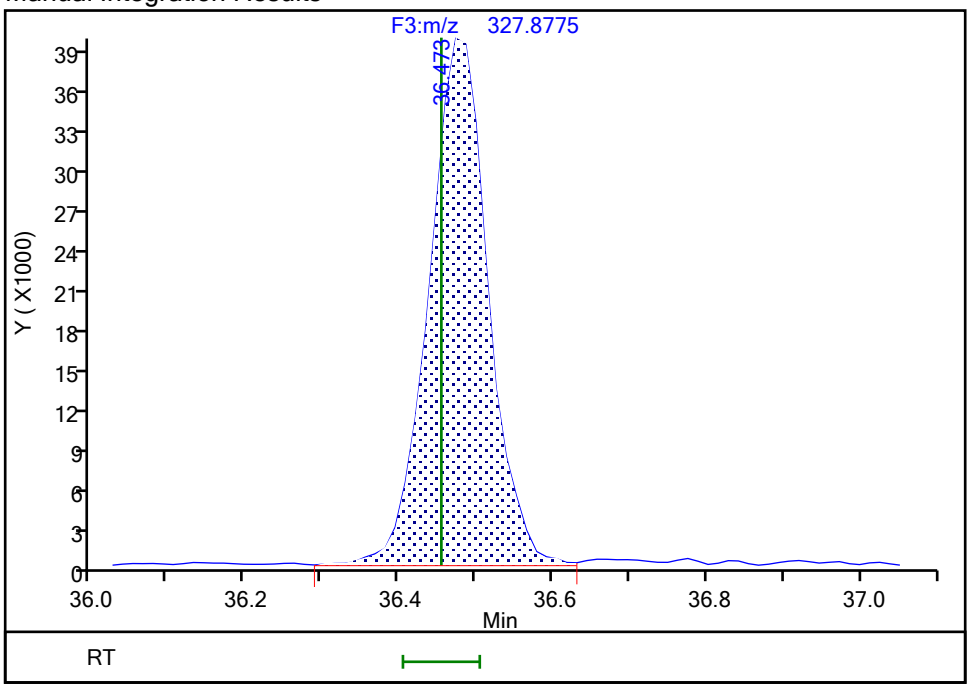
Processing Integration Results

RT: 36.47
Area: 215401
Amount: 9.395414
Amount Units: pg/ul



Manual Integration Results

RT: 36.47
Area: 212052
Amount: 9.228488
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:08:43 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

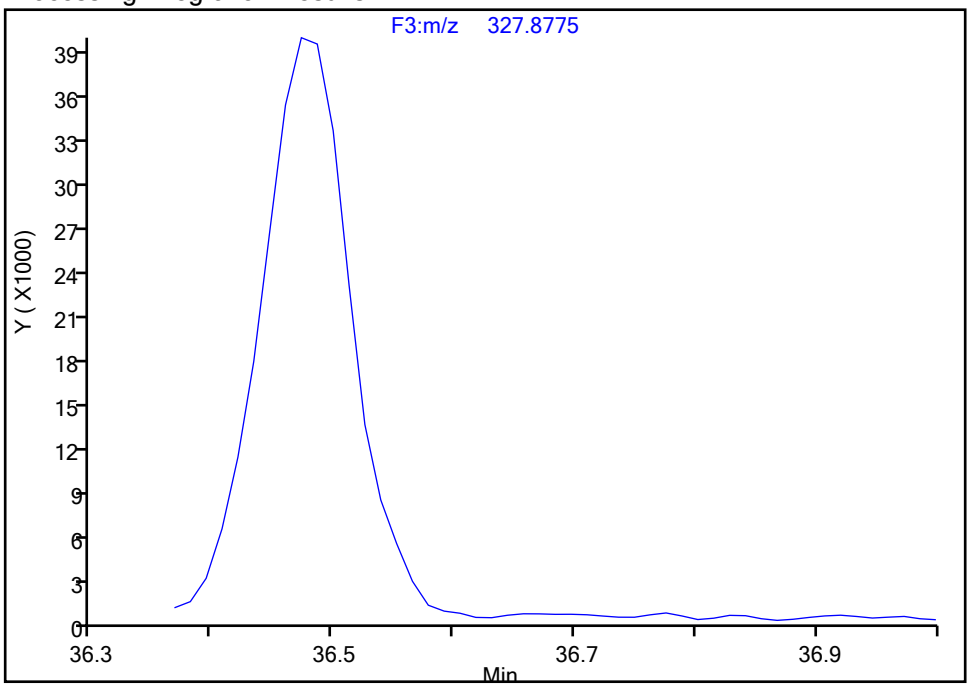
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 2

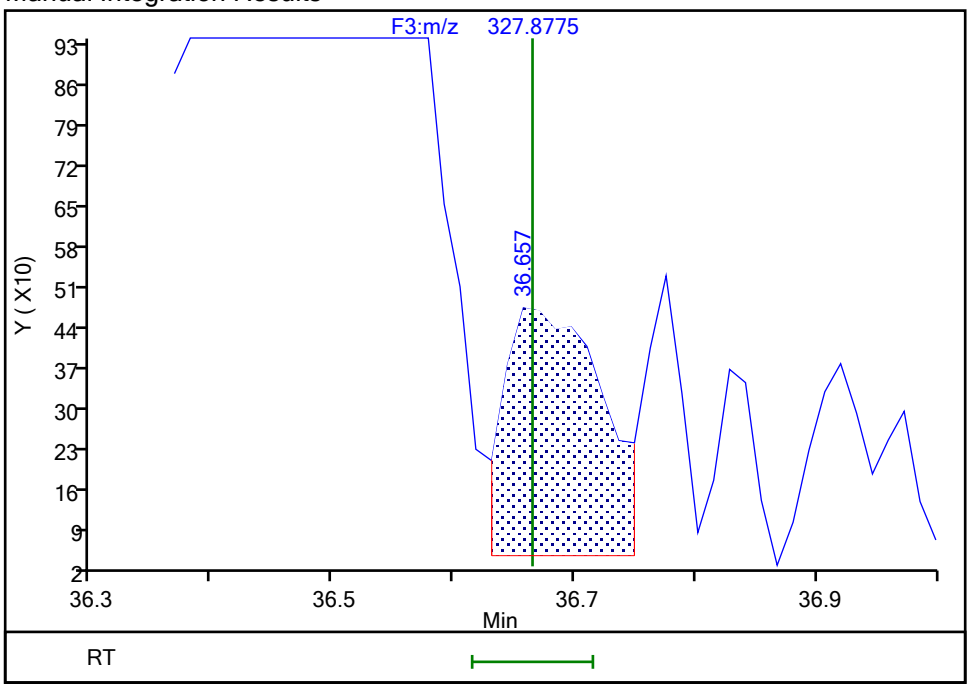
Not Detected
Expected RT: 36.66

Processing Integration Results



Manual Integration Results

RT: 36.66
Area: 2366
Amount: 0.166035
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:08:48 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

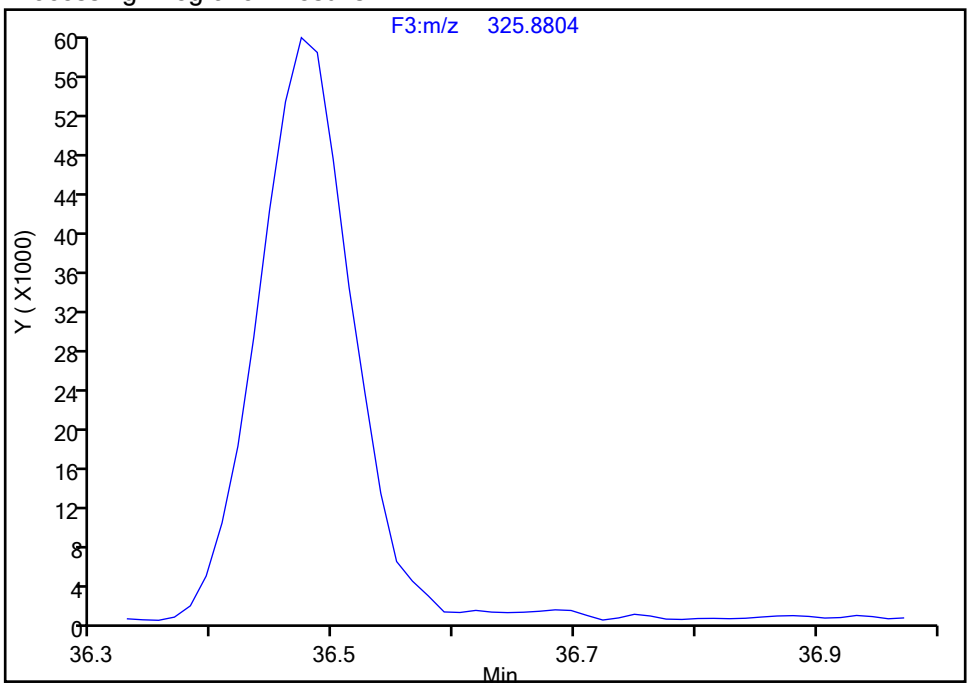
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 1

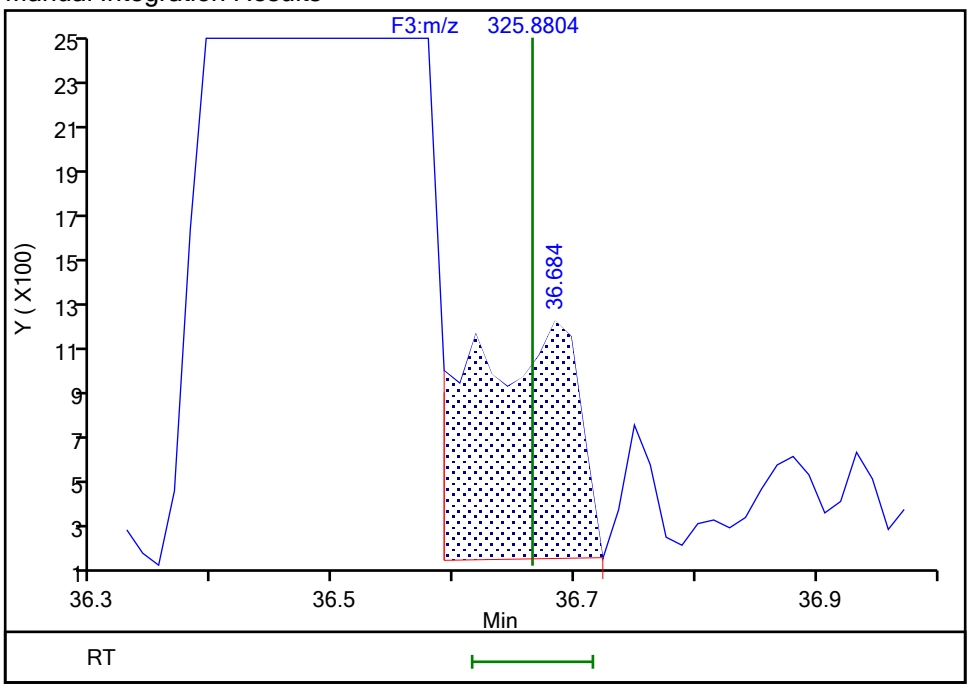
Not Detected
Expected RT: 36.66

Processing Integration Results



Manual Integration Results

RT: 36.68
Area: 6233
Amount: 0.166035
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:08:53 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

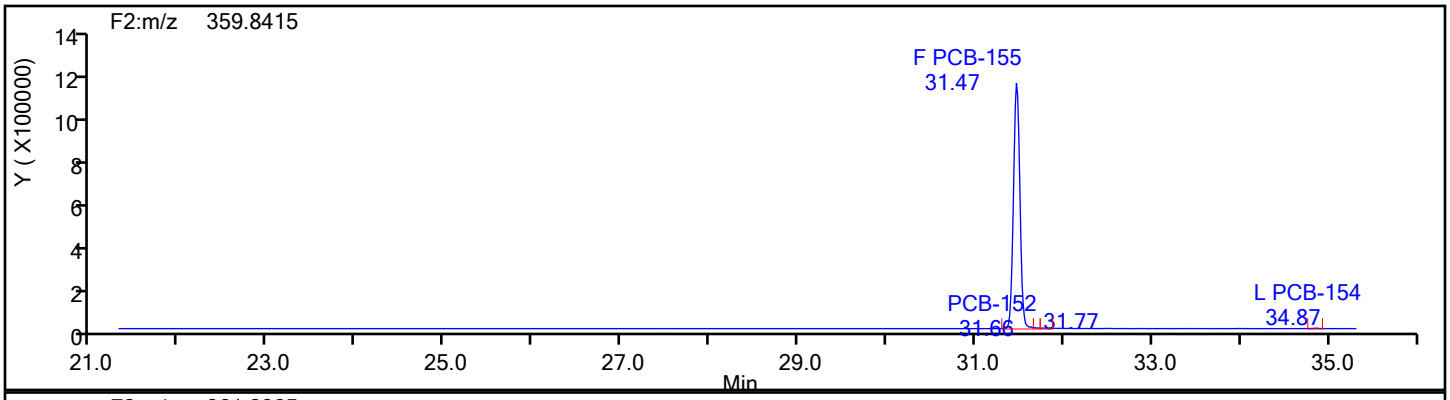
Report Date: 05-Jan-2024 01:12:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

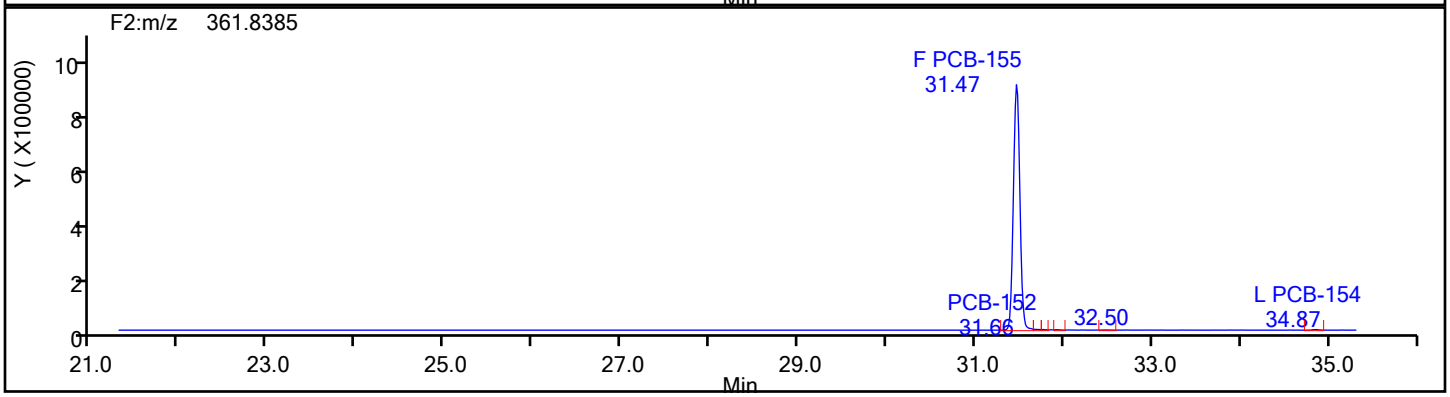
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

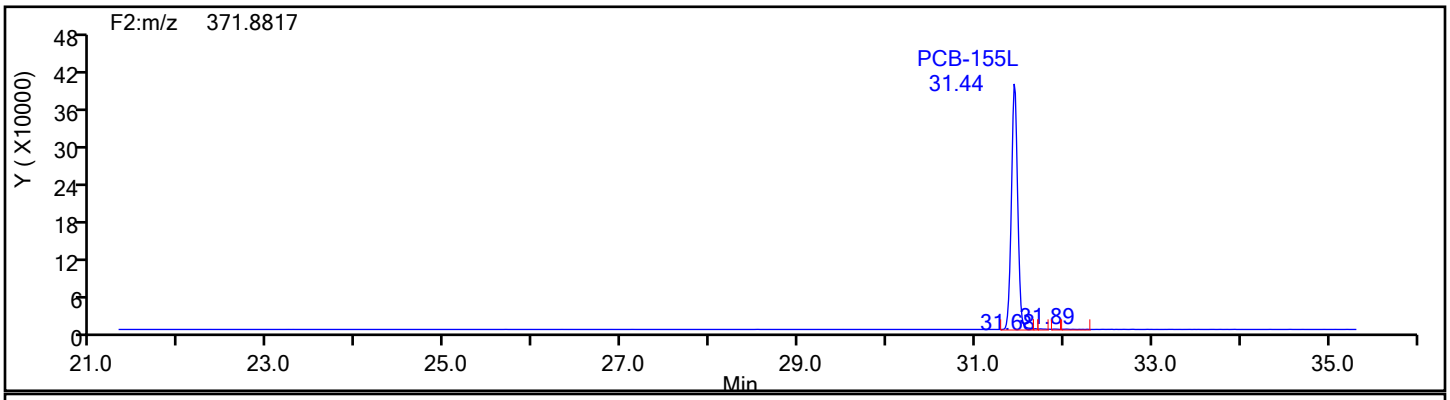
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

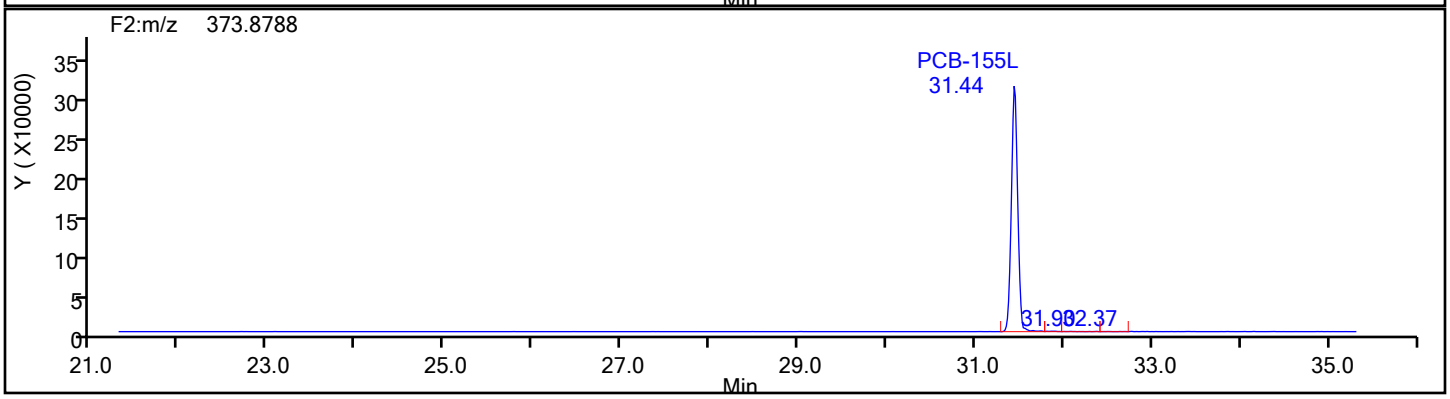
HxPCB F2





HxPCB F2 Standards



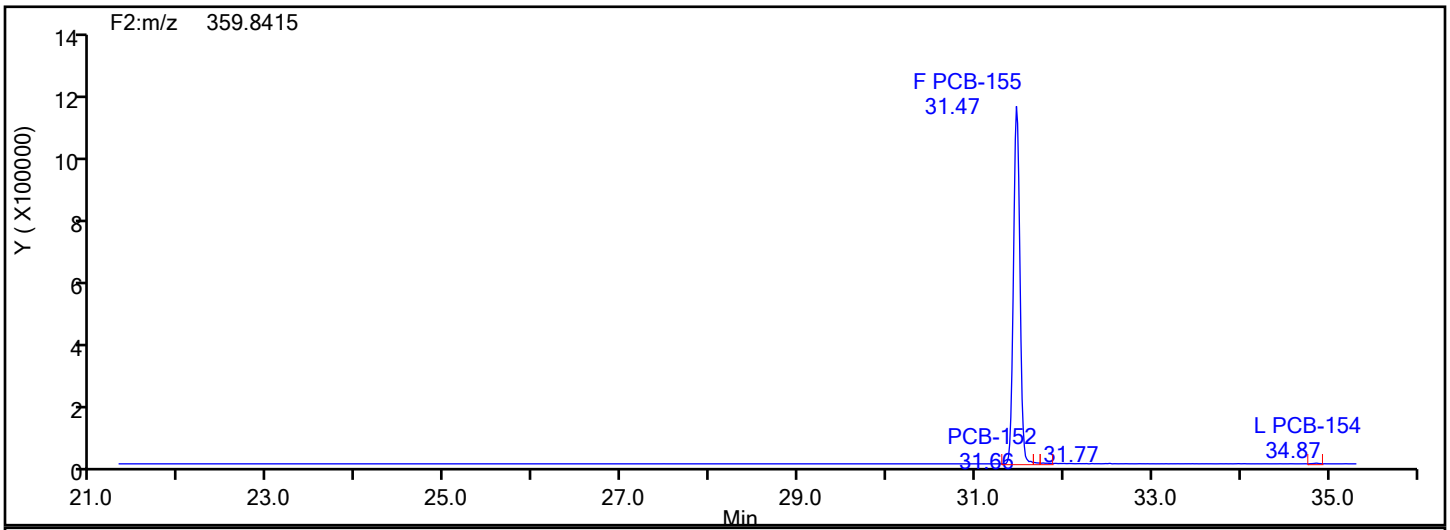


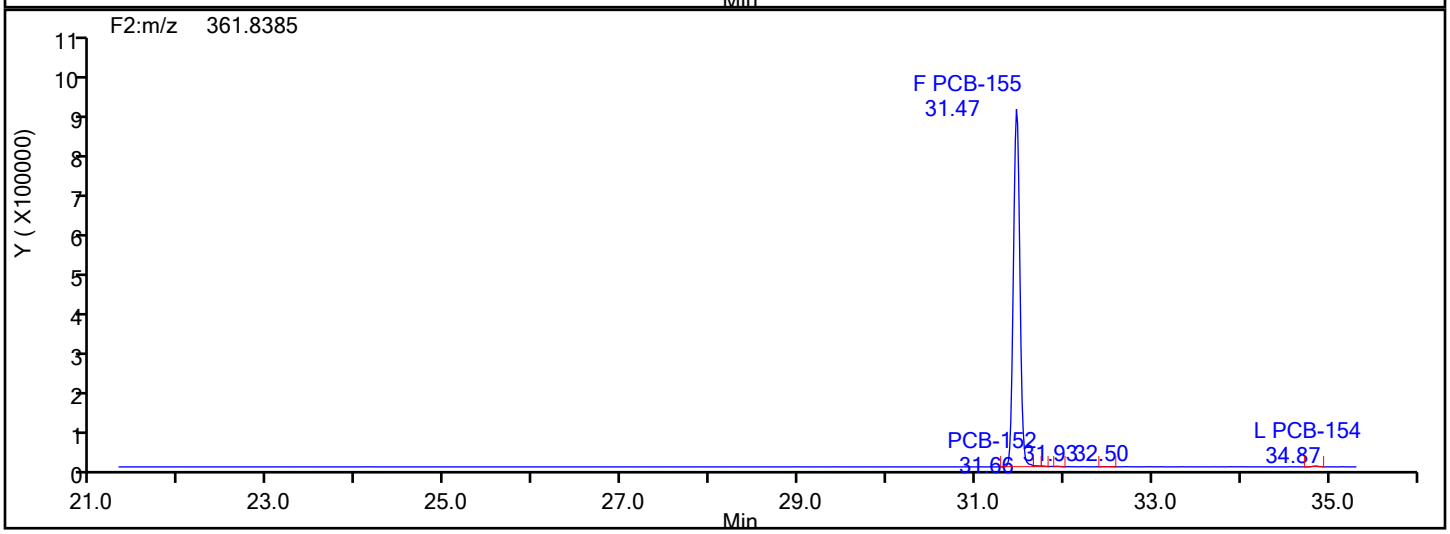
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

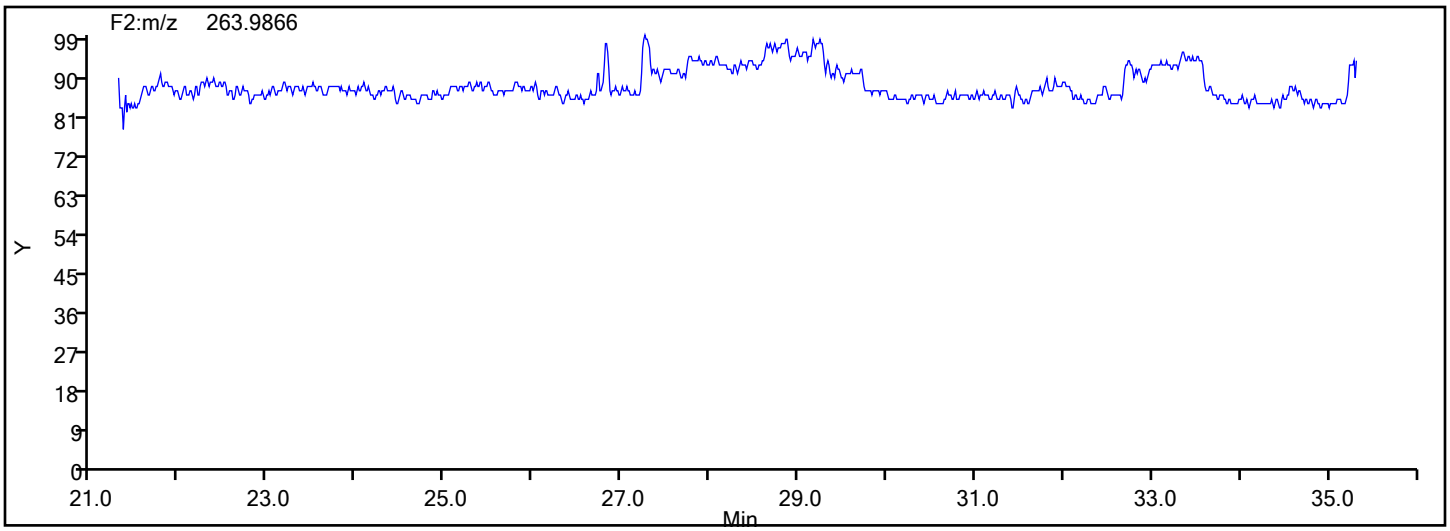
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

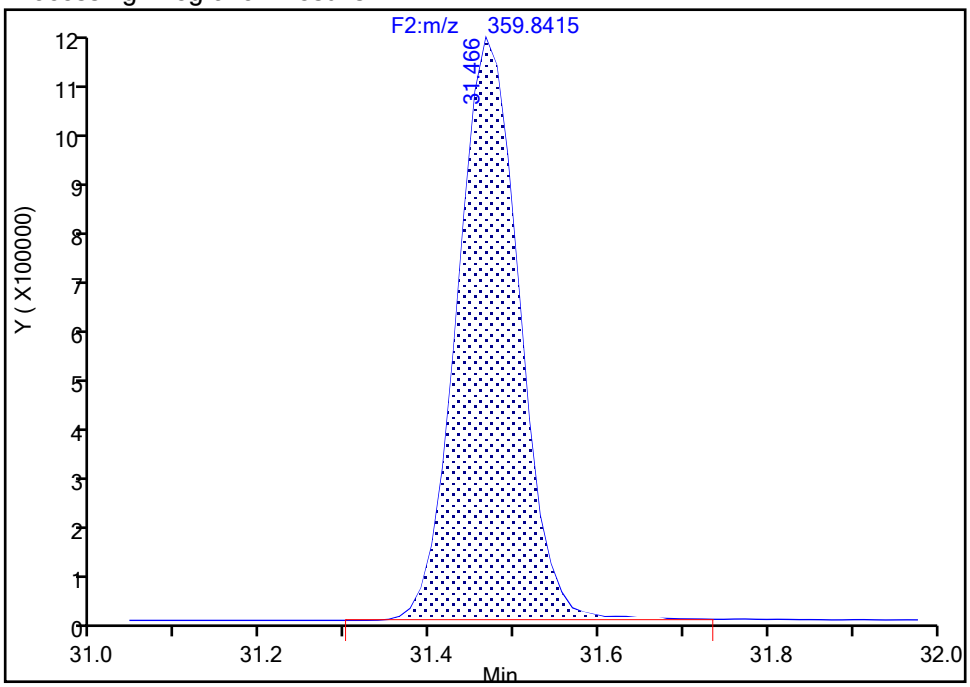
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 1

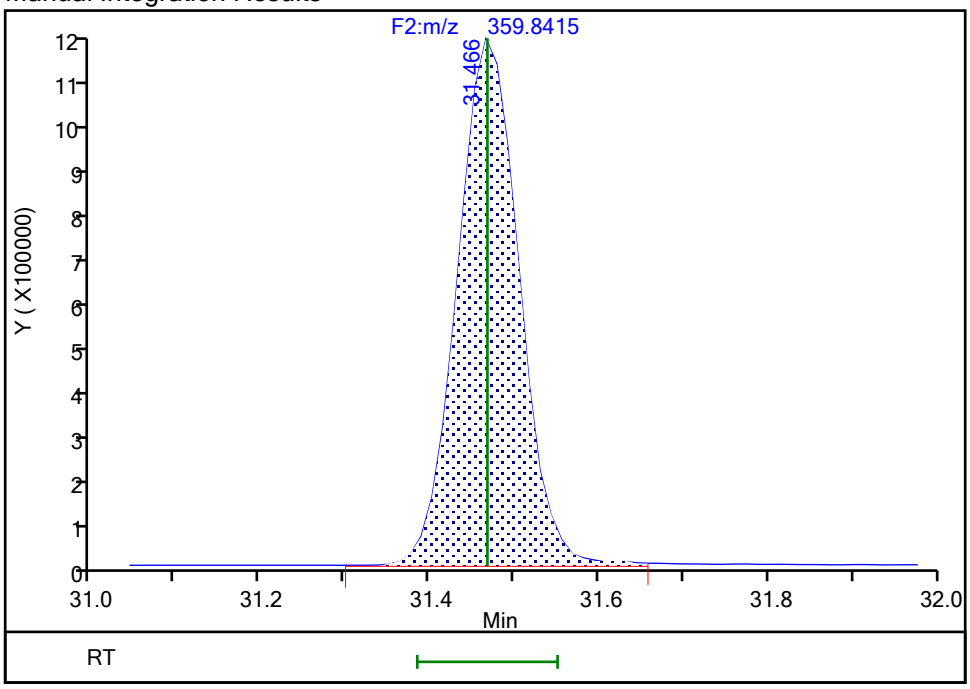
Processing Integration Results

RT: 31.47
Area: 5754865
Amount: 313.7017
Amount Units: pg/ul



Manual Integration Results

RT: 31.47
Area: 5740167
Amount: 312.6180
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:09:32 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

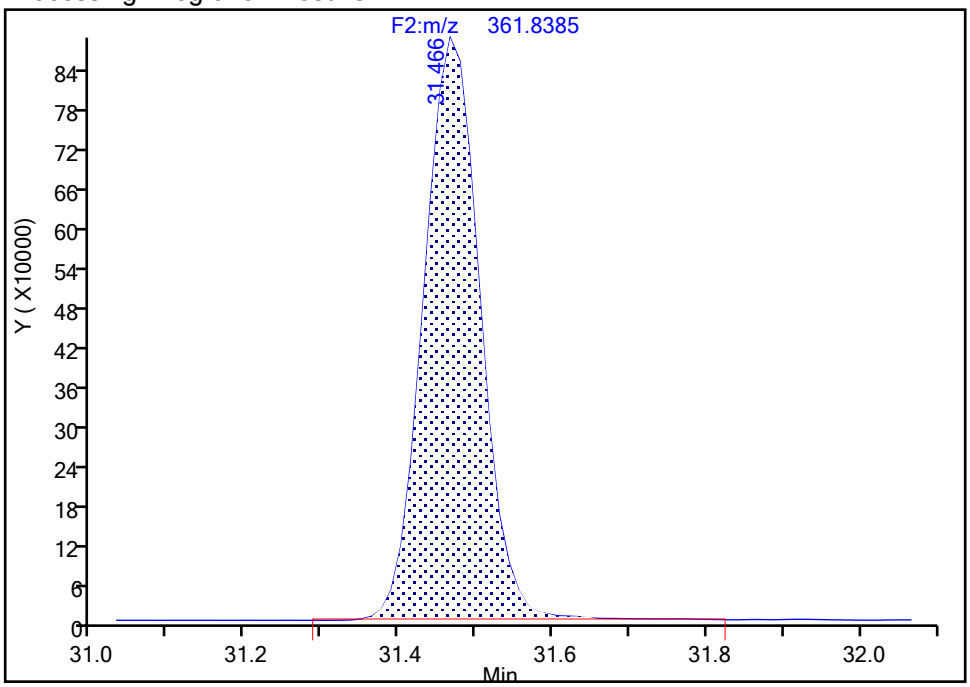
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 2

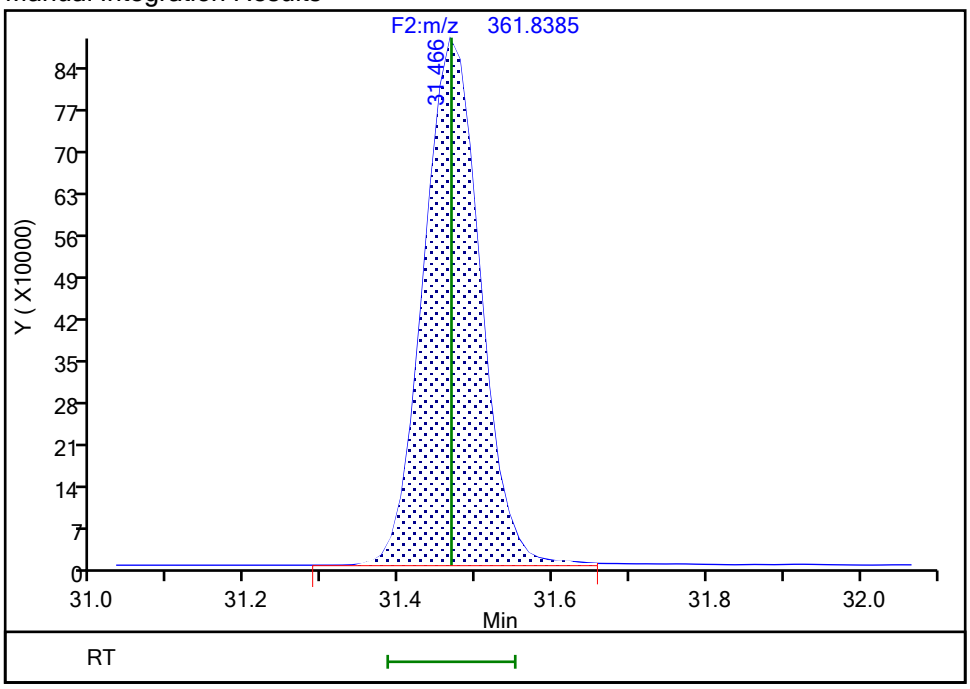
Processing Integration Results

RT: 31.47
Area: 4538530
Amount: 313.7017
Amount Units: pg/ul



Manual Integration Results

RT: 31.47
Area: 4517669
Amount: 312.6180
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:09:34 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

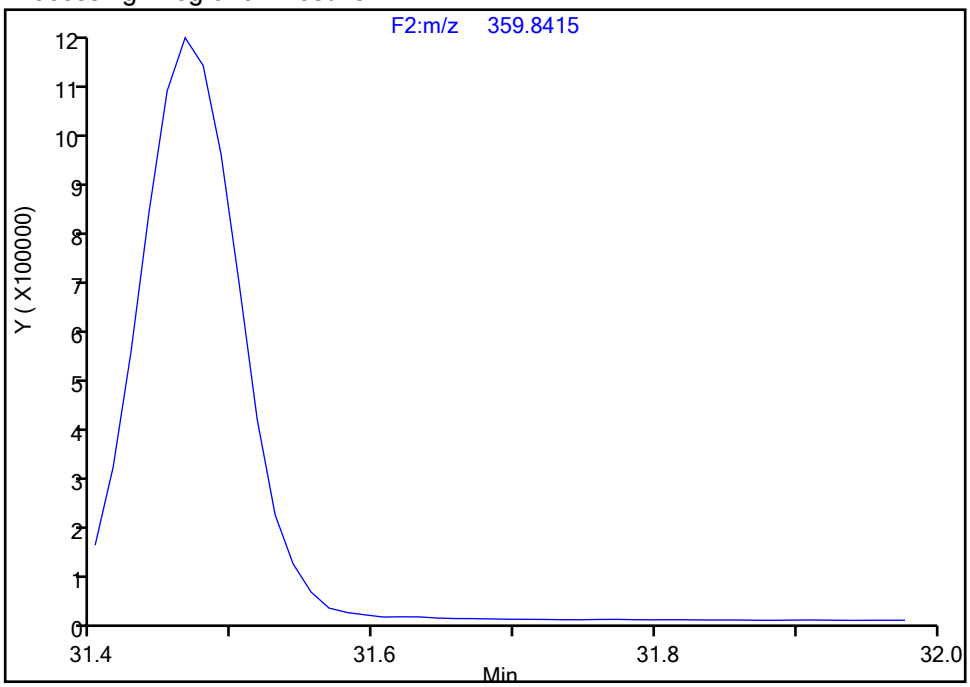
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

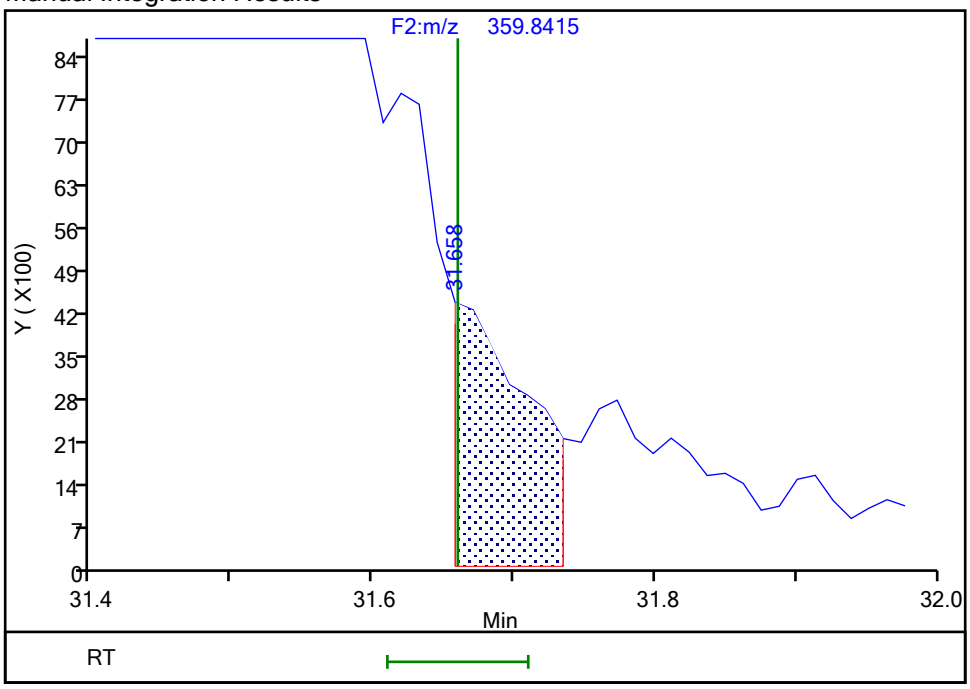
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.66
Area: 14698
Amount: 0.703102
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:09:45 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

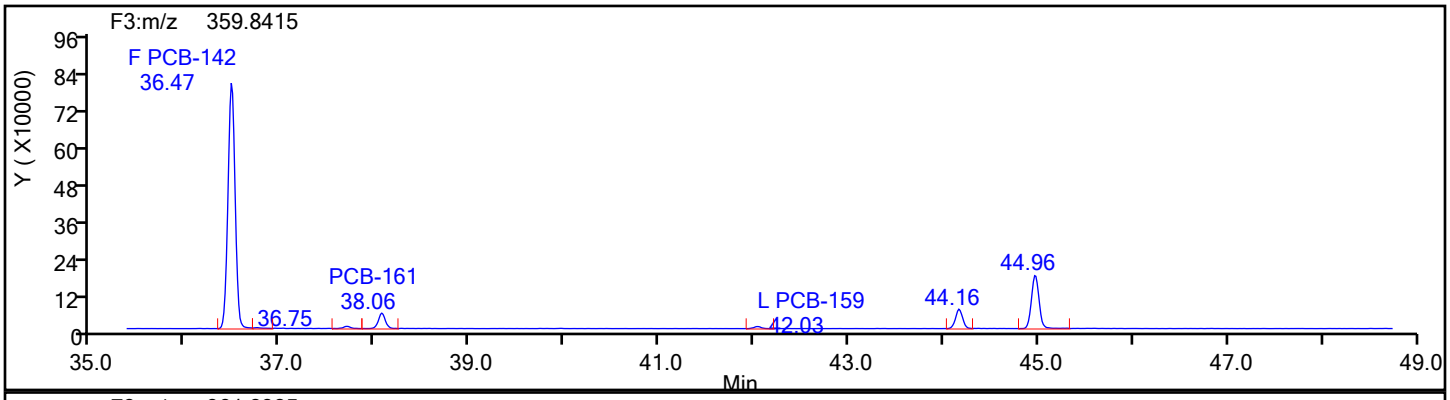
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

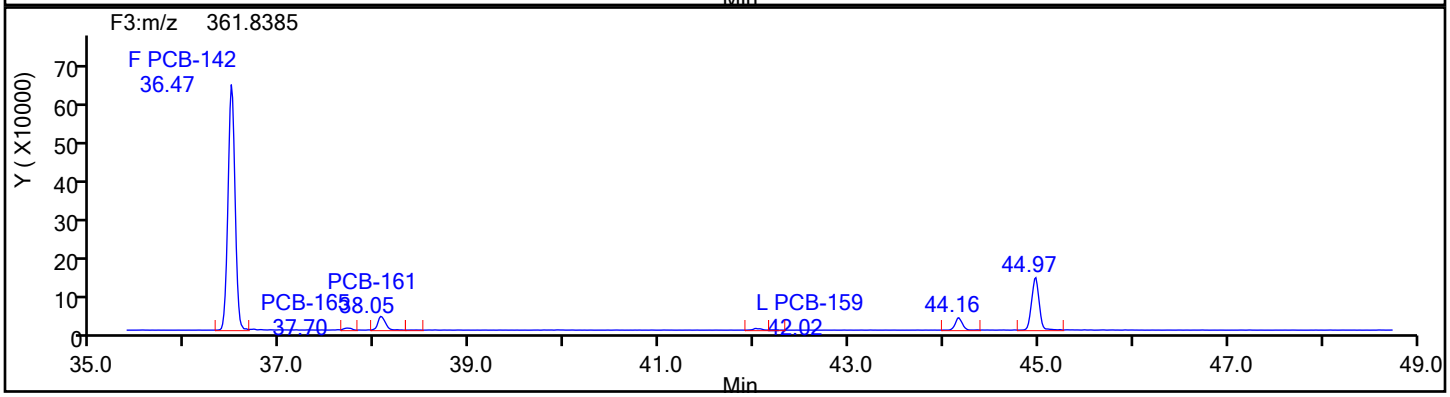
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

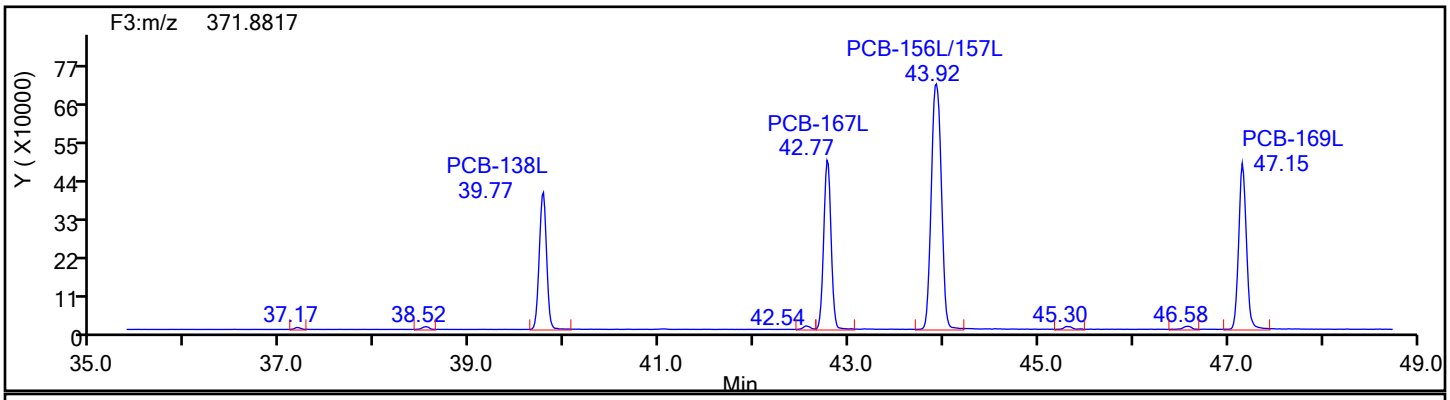
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

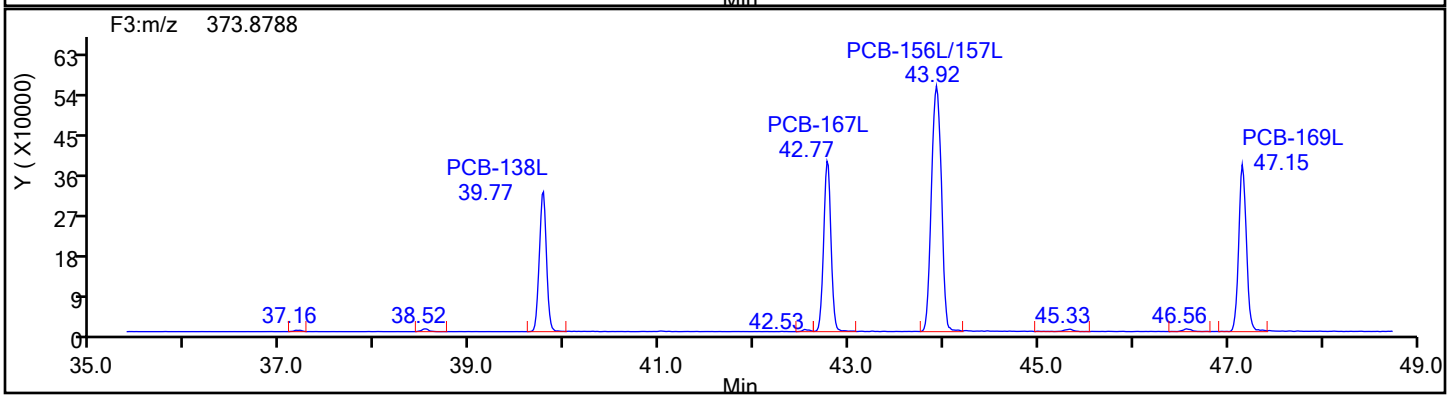
HxPCB F3





HxPCB F3 Standards



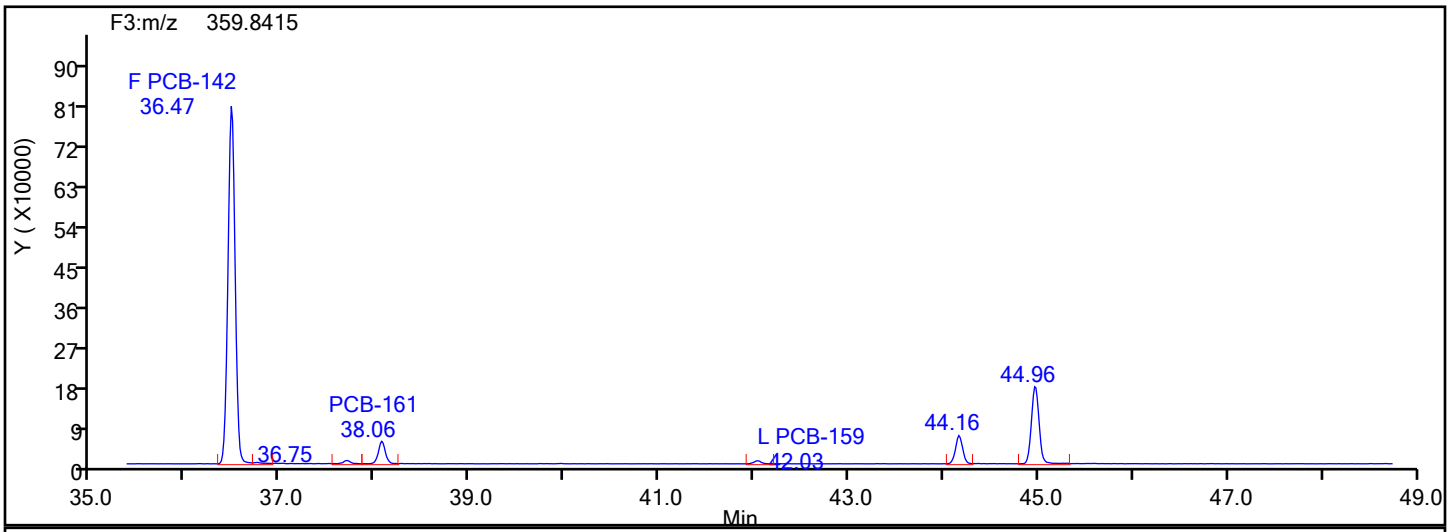


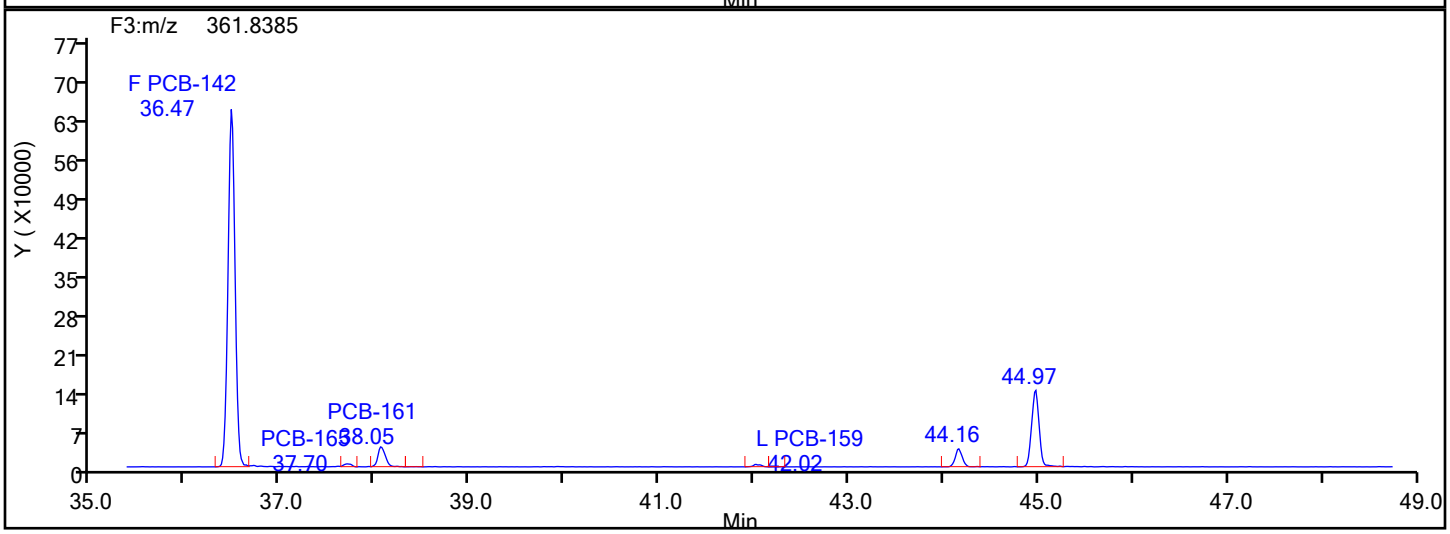
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

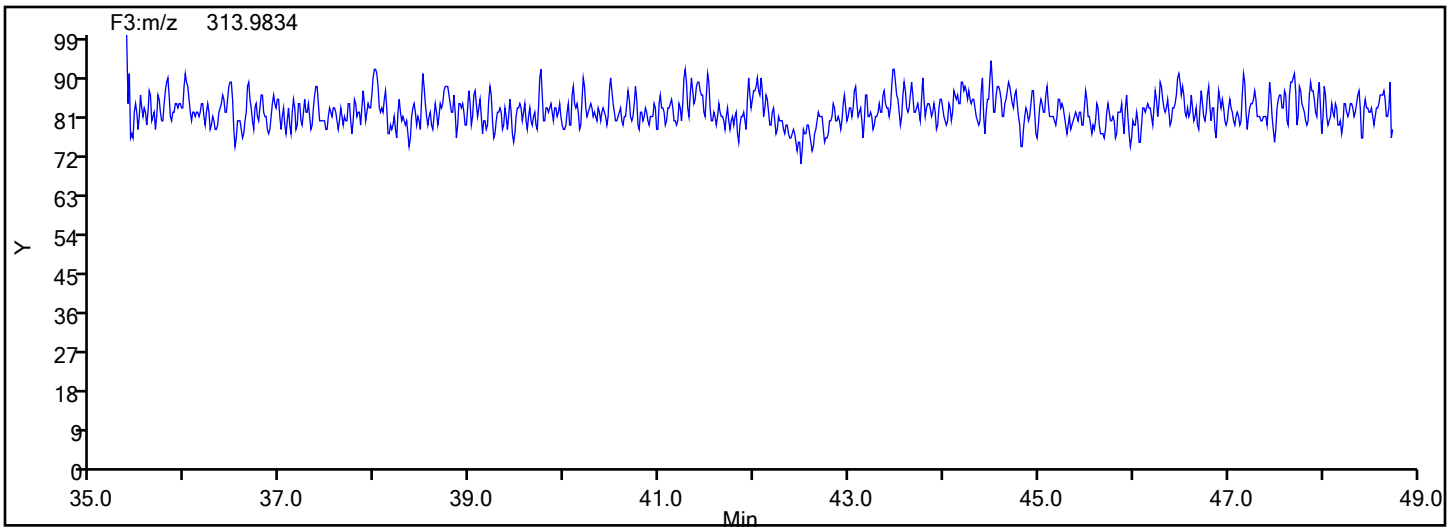
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Eurofins Knoxville

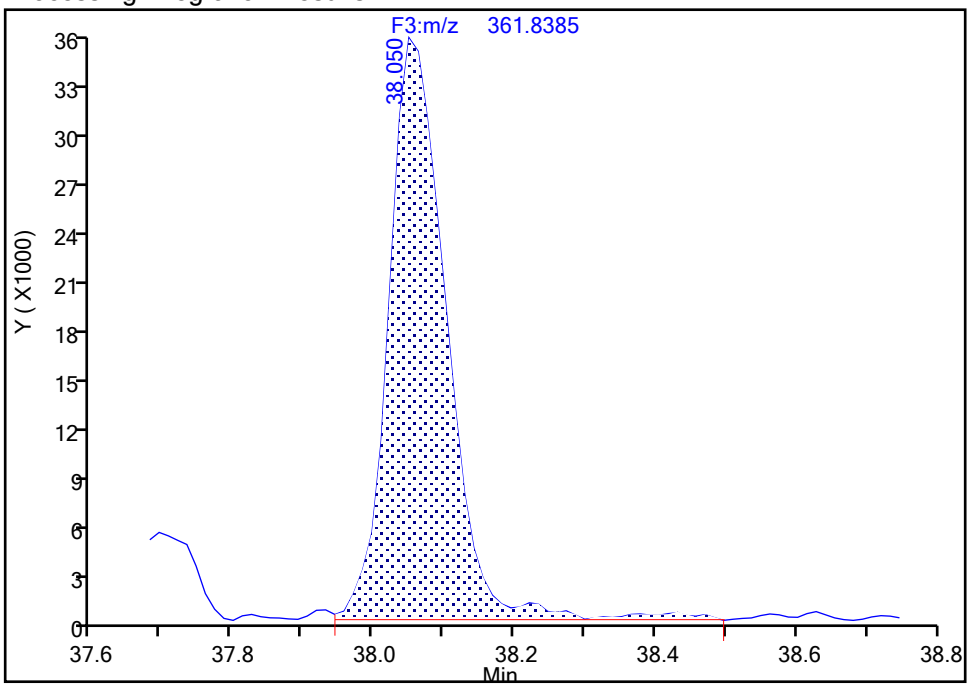
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-161, CAS: 74472-43-8

Signal: 2

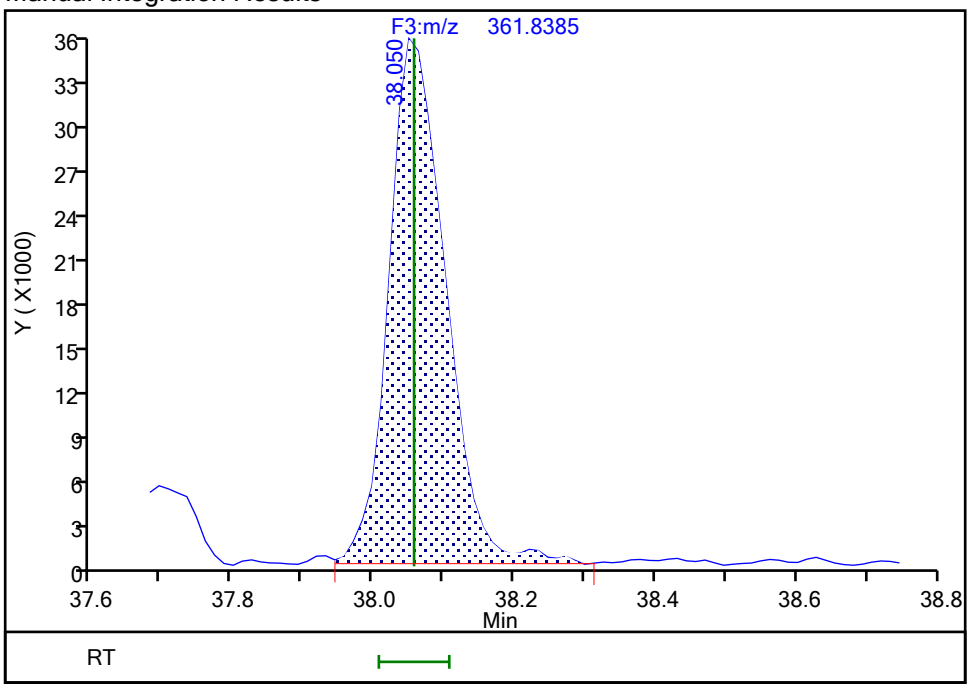
Processing Integration Results

RT: 38.05
Area: 205450
Amount: 8.607668
Amount Units: pg/ul



Manual Integration Results

RT: 38.05
Area: 202362
Amount: 8.550665
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:10:17 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

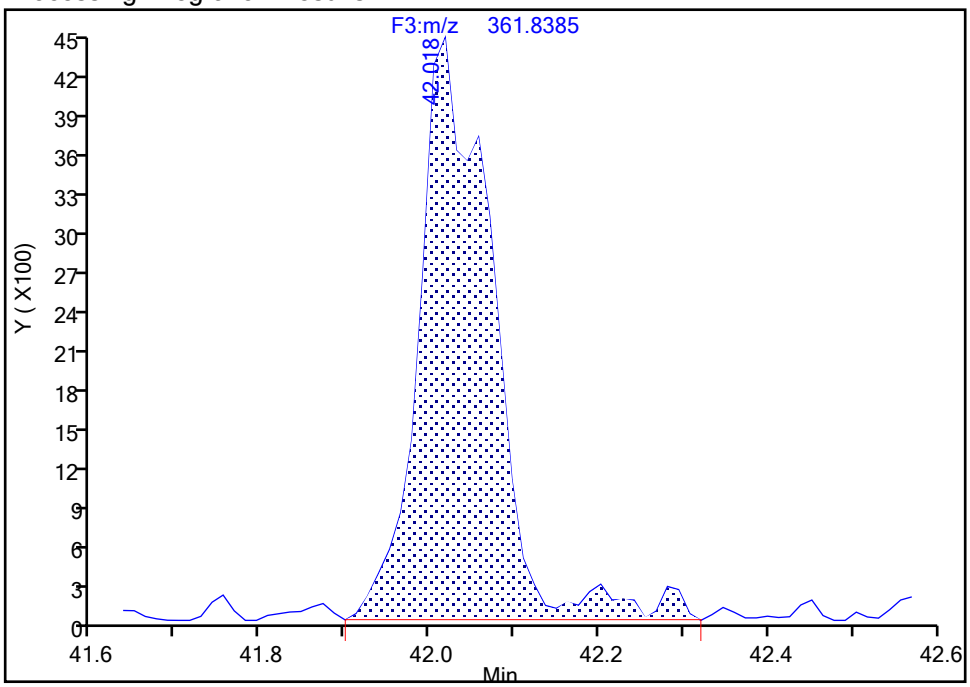
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-159, CAS: 39635-35-3

Signal: 2

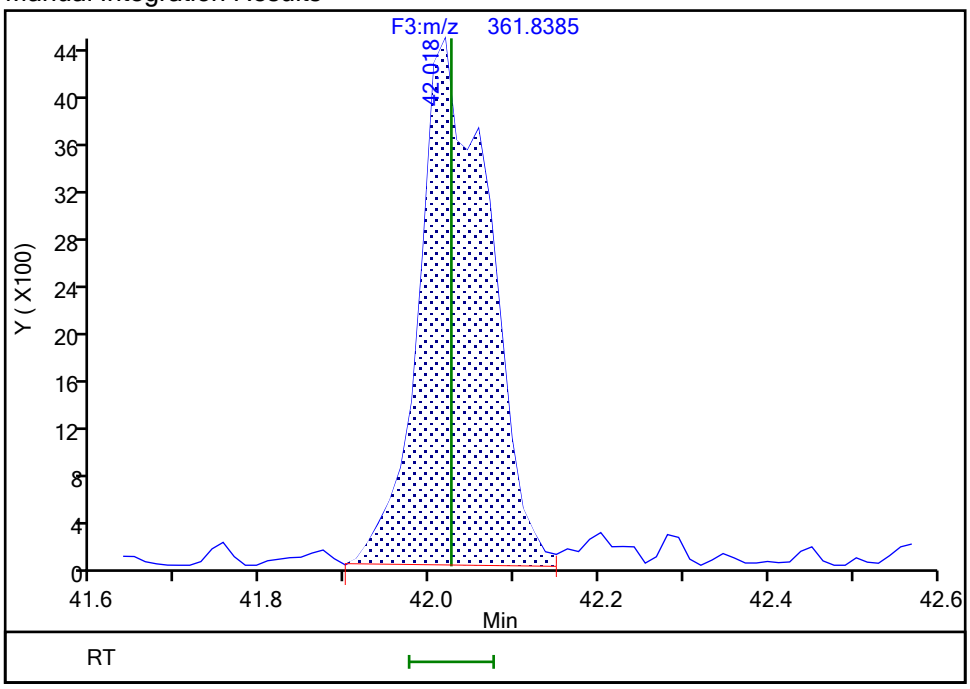
Processing Integration Results

RT: 42.02
Area: 27310
Amount: 1.041460
Amount Units: pg/ul



Manual Integration Results

RT: 42.02
Area: 25804
Amount: 1.017204
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:10:31 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

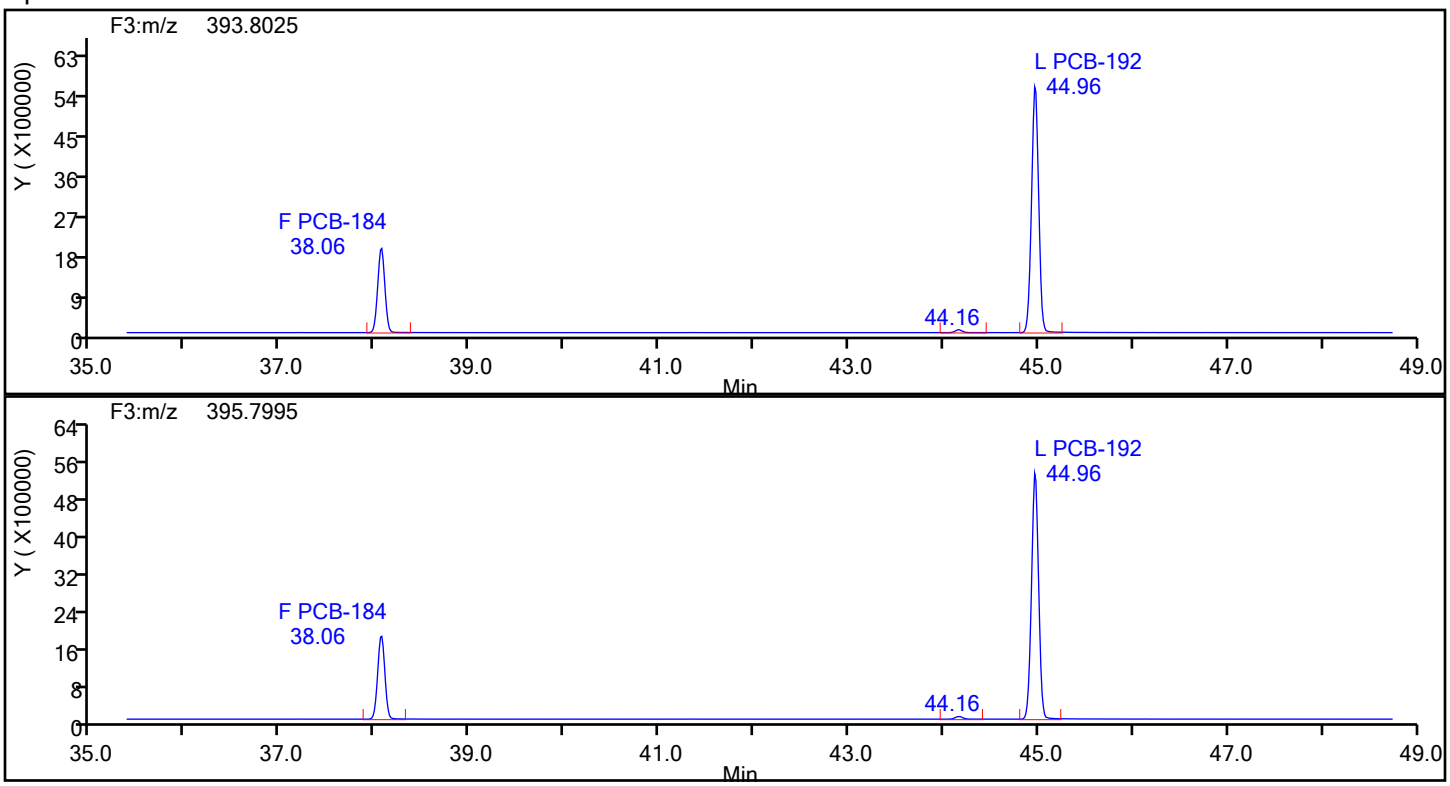
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

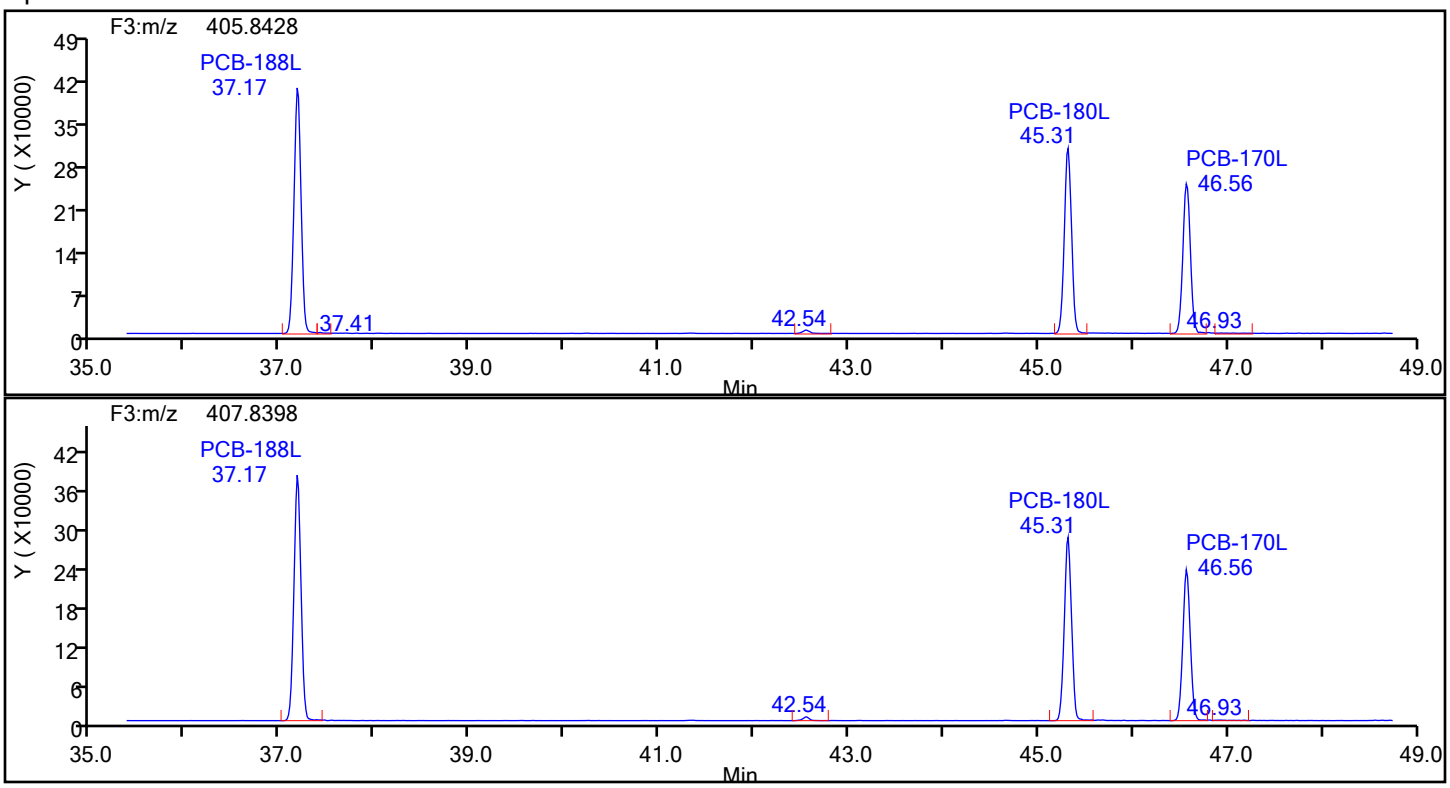
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

HpPCB F3



HpPCB F3 Standards

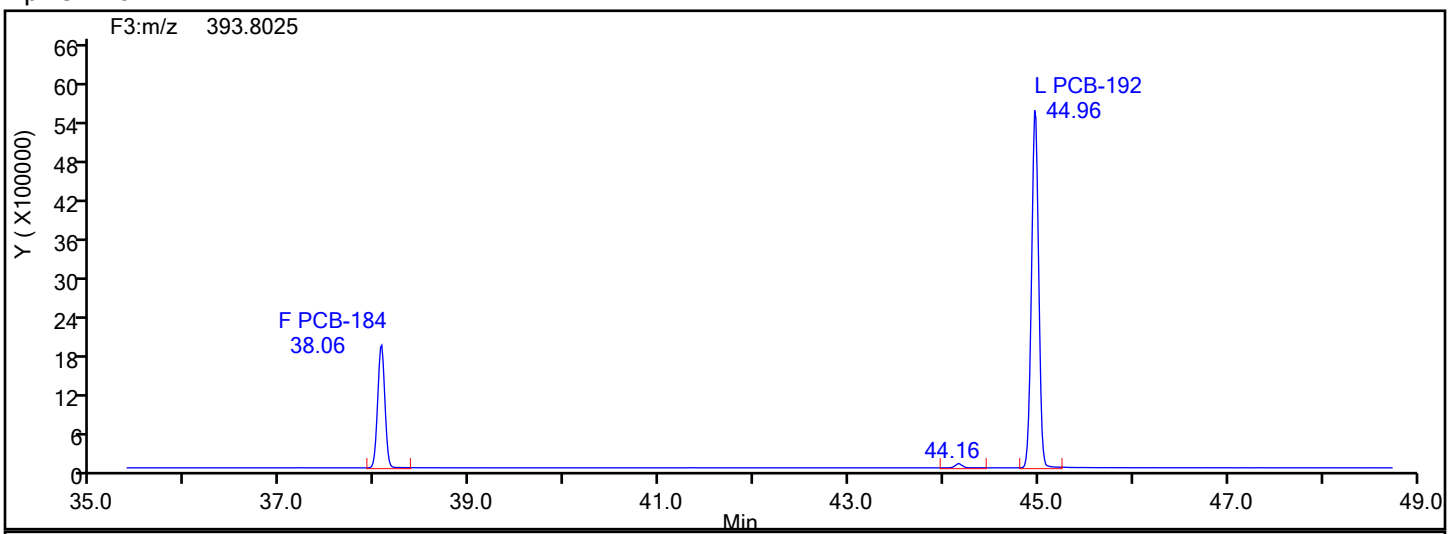


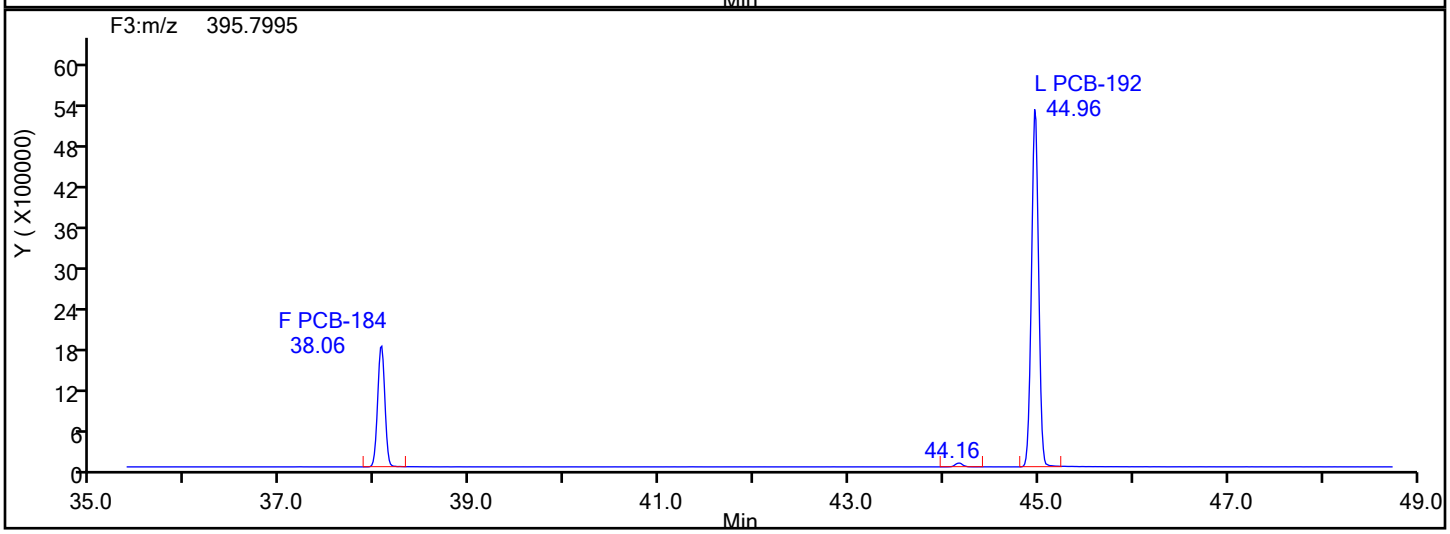
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

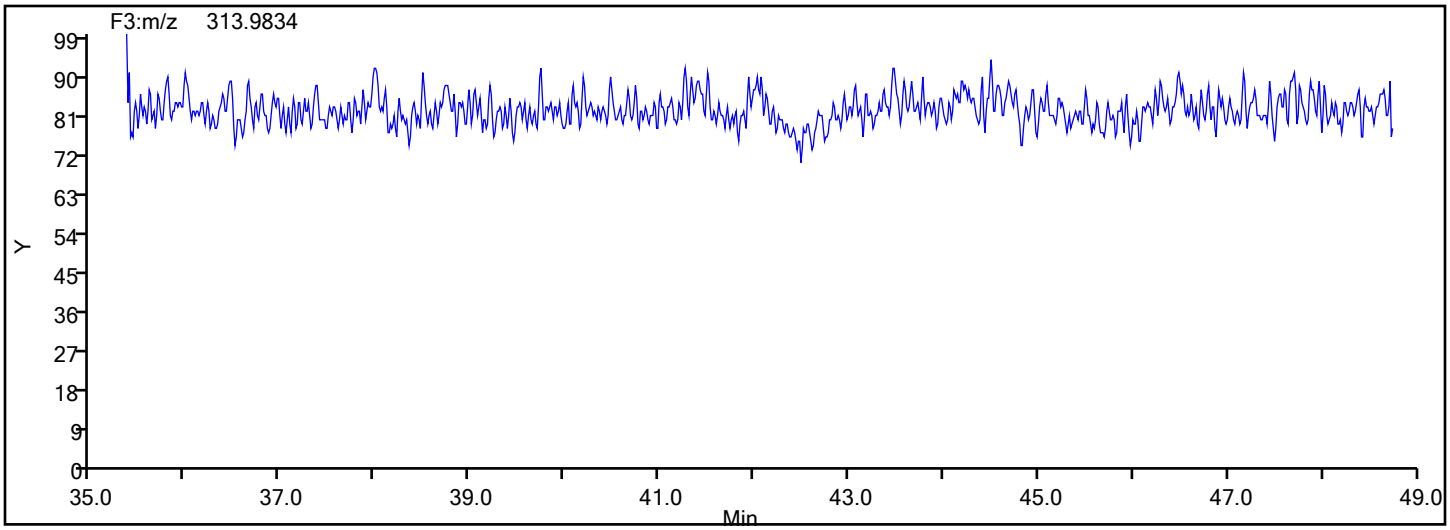
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass

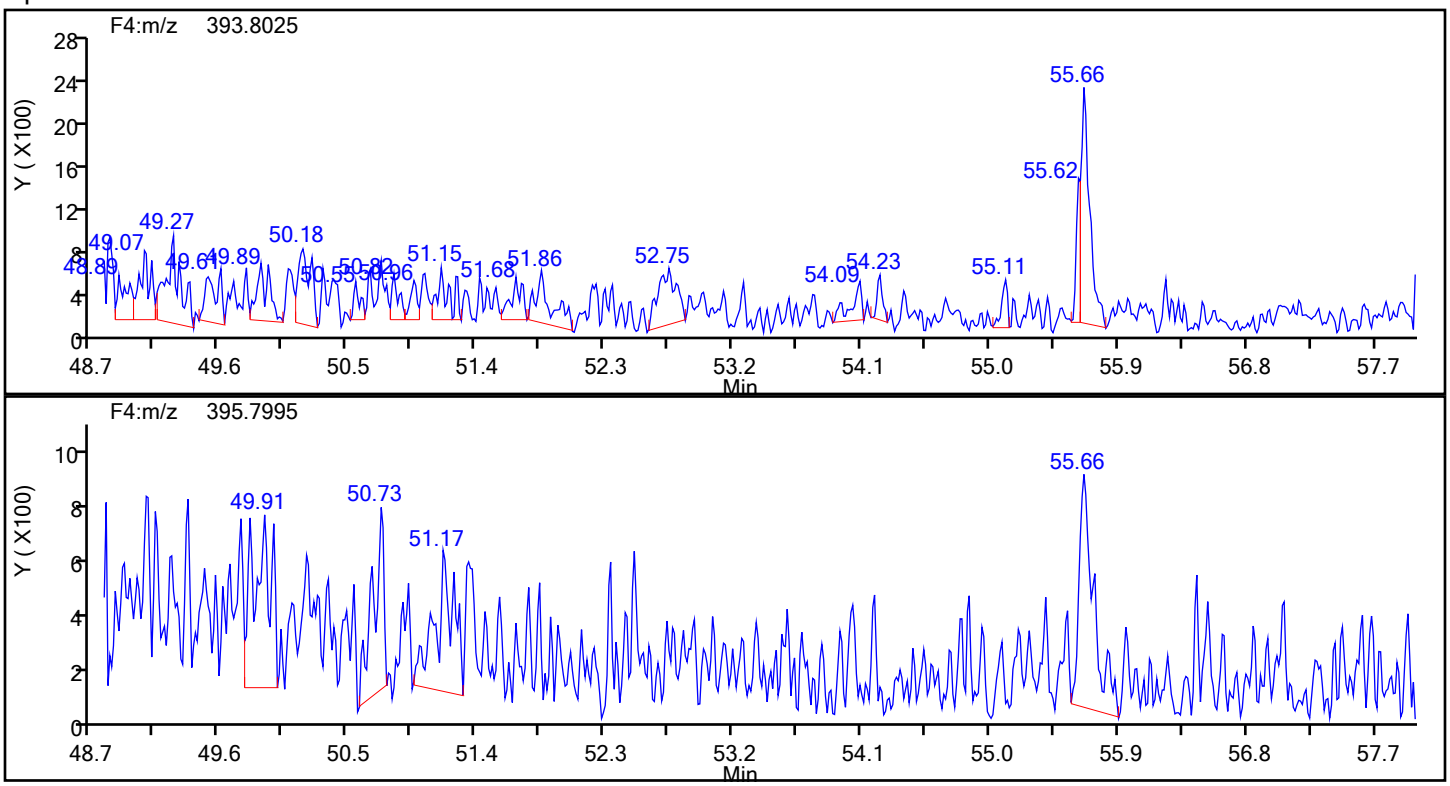


Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

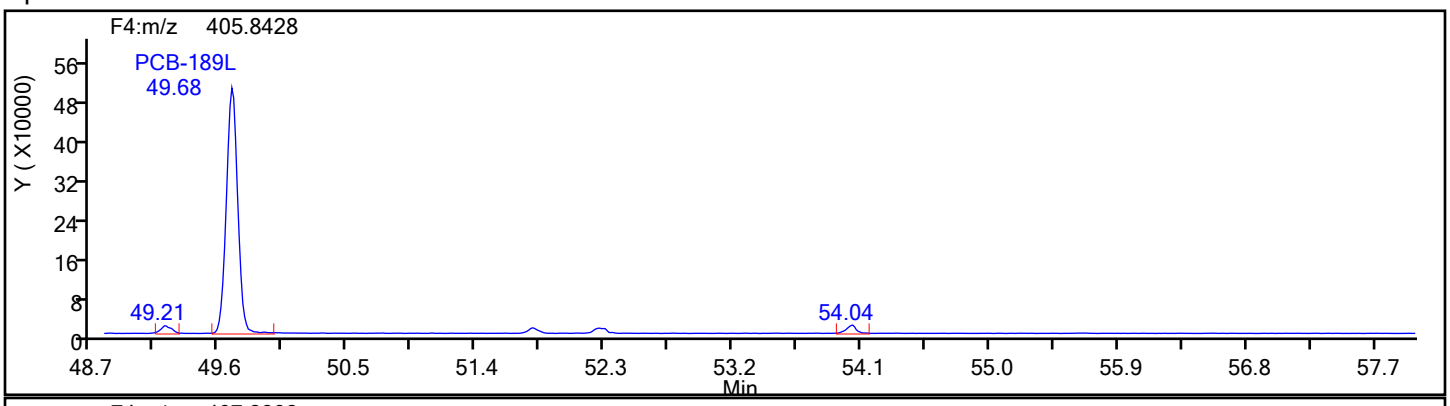
Eurofins Knoxville

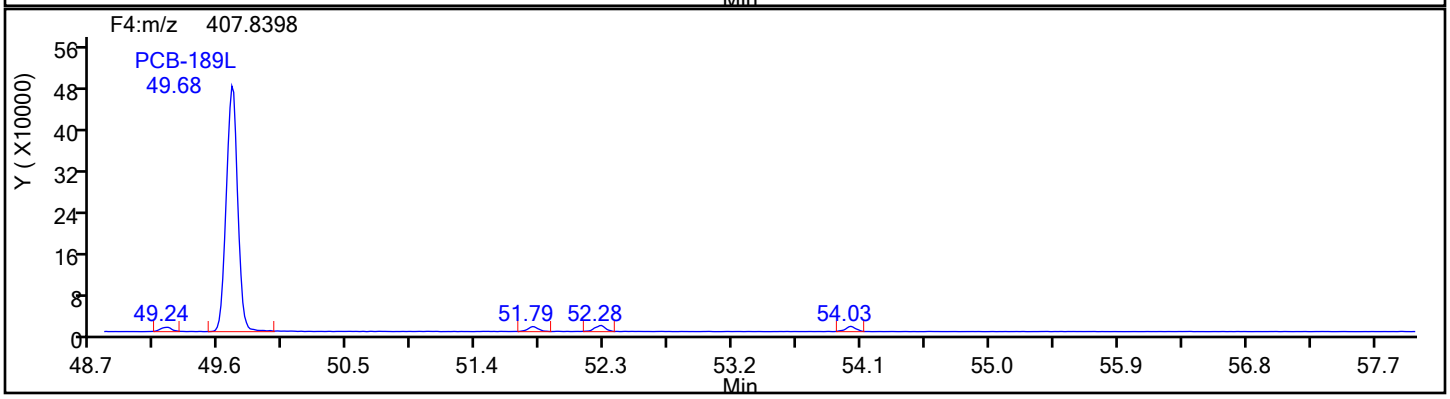
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

HpPCB F4



HpPCB F4 Standards



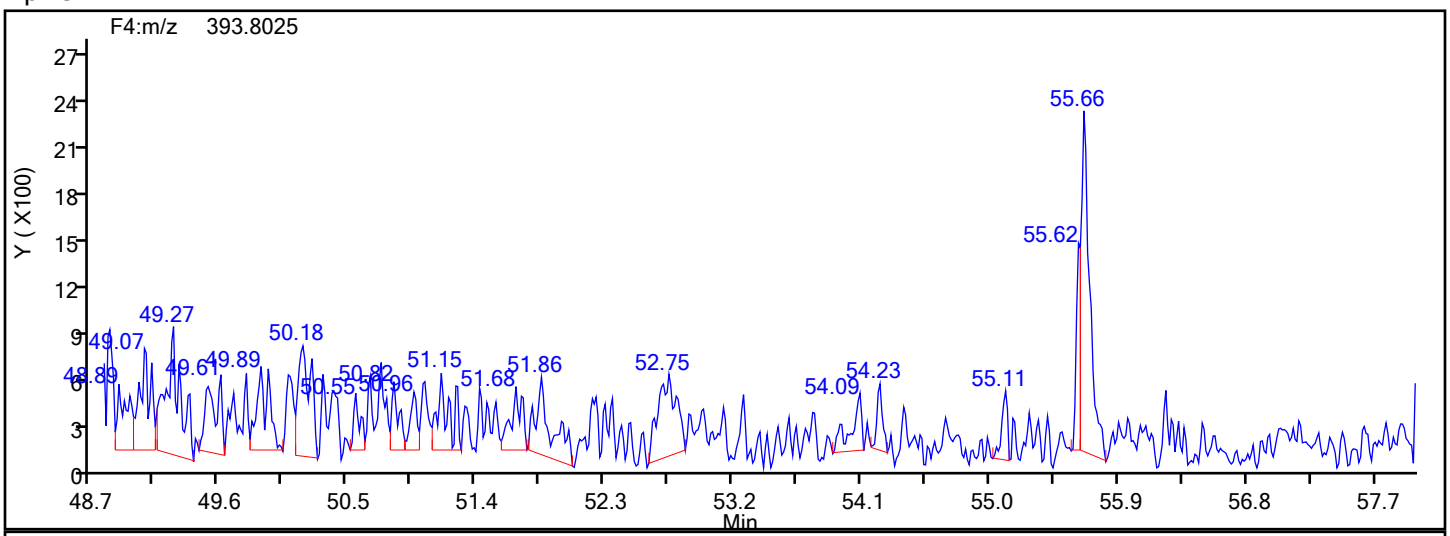


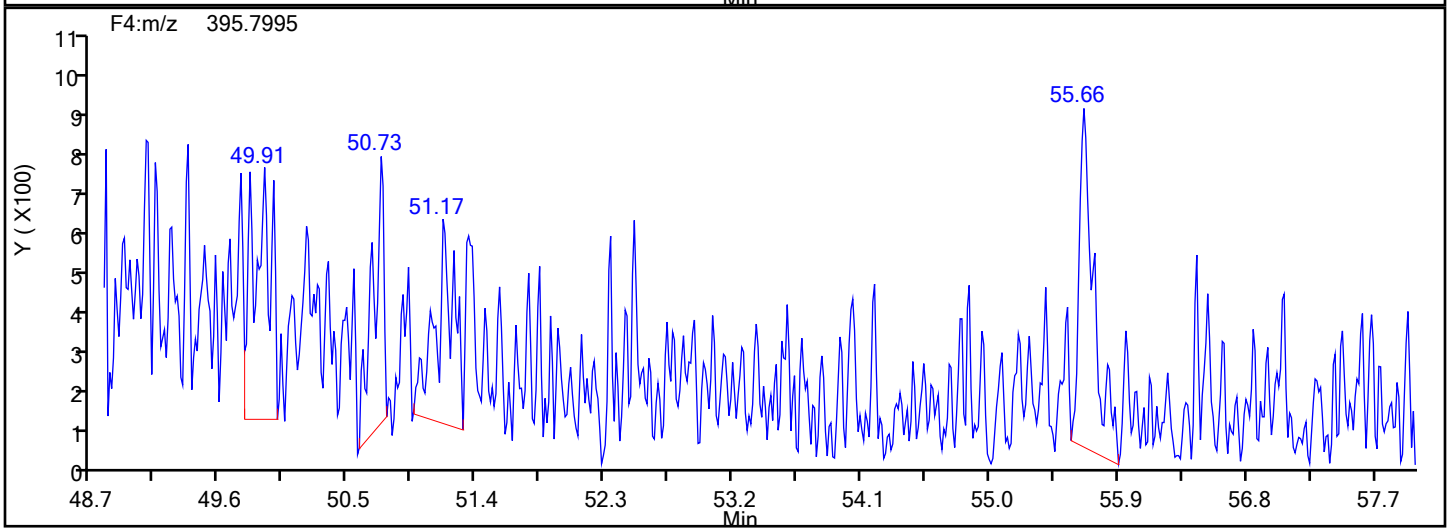
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

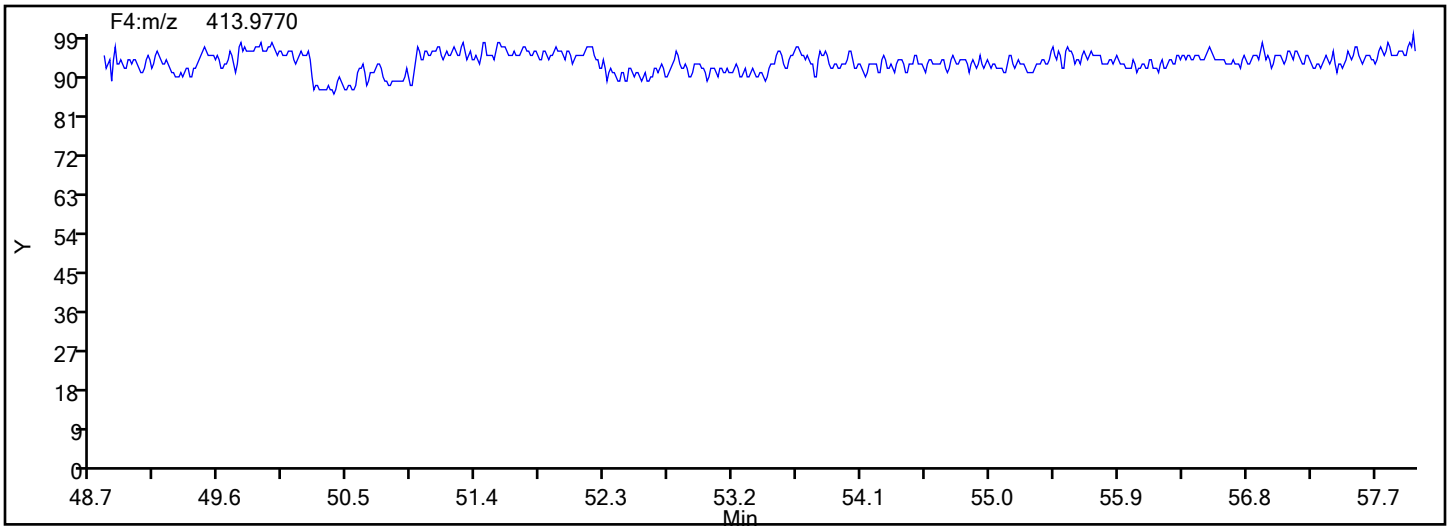
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



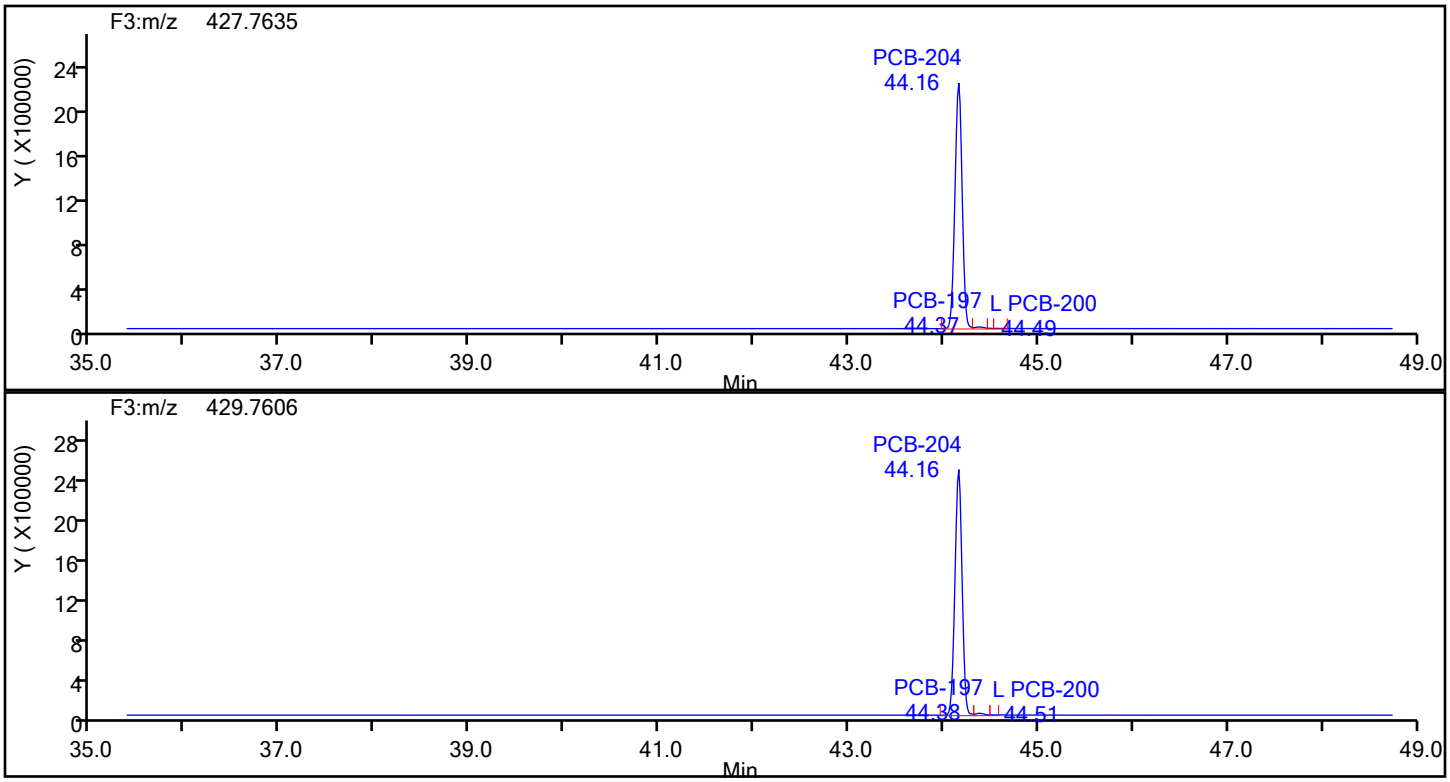
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

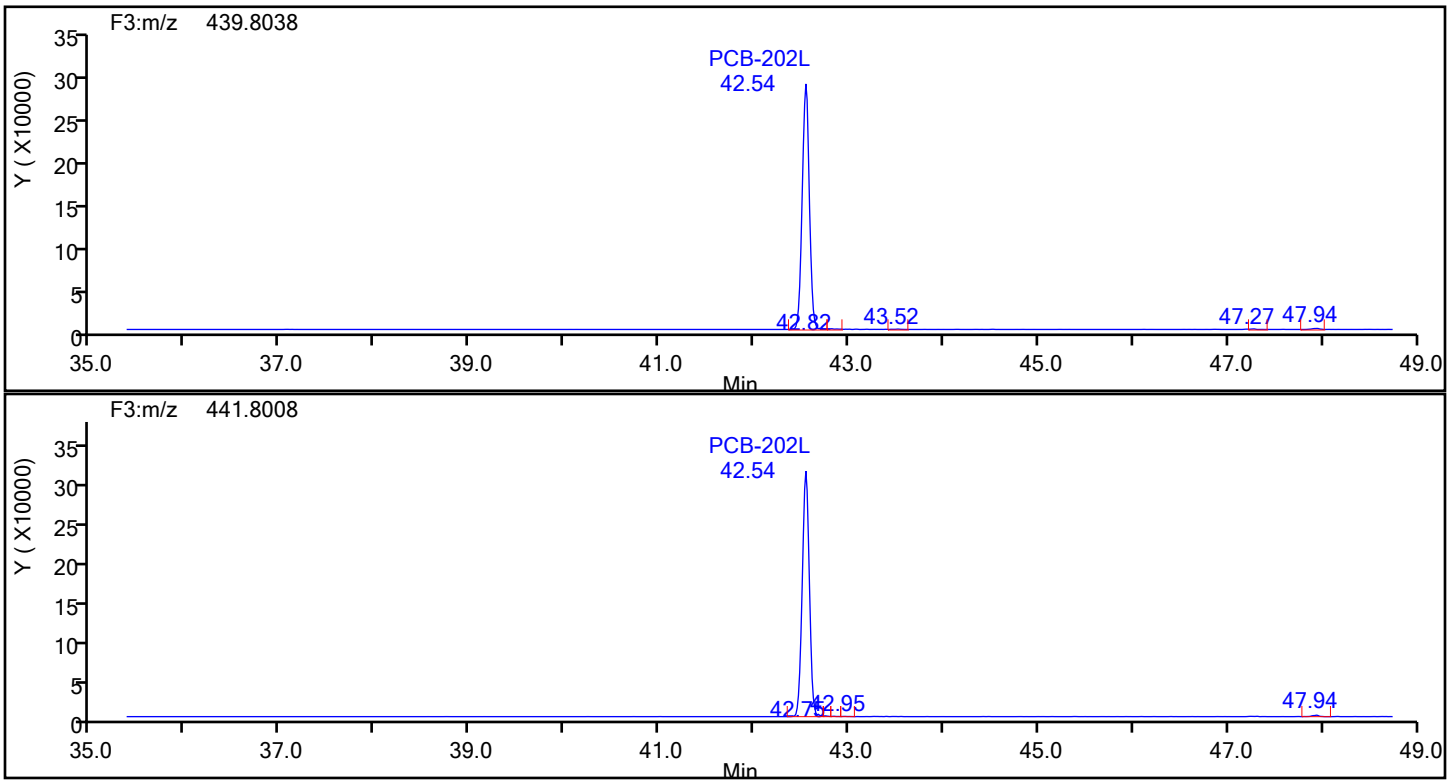
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

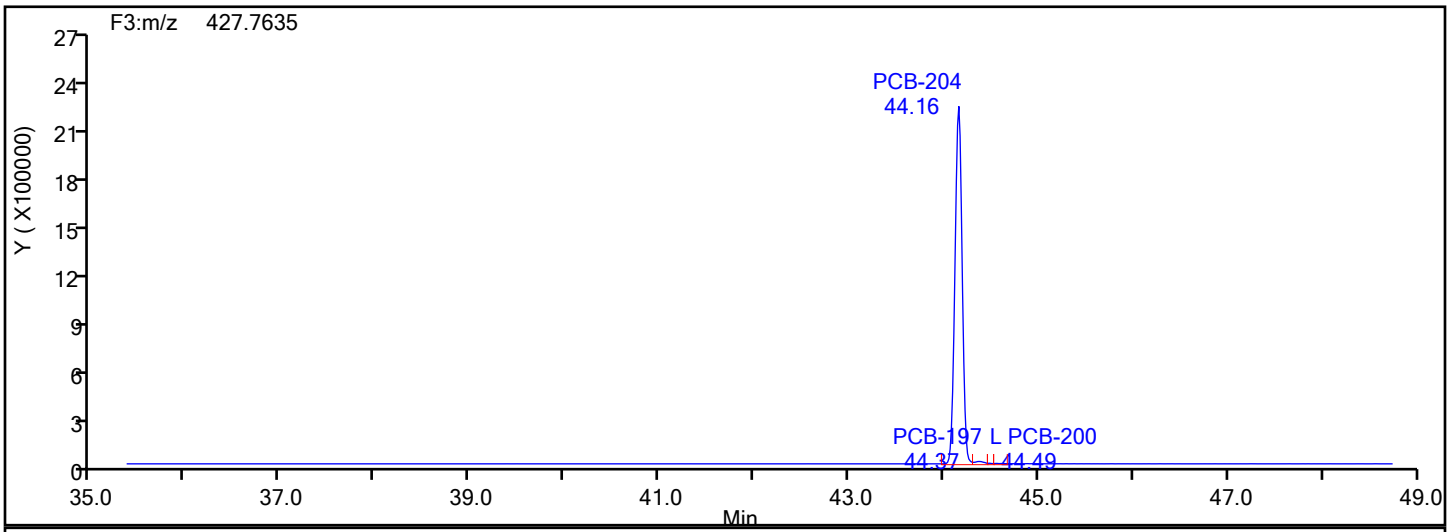


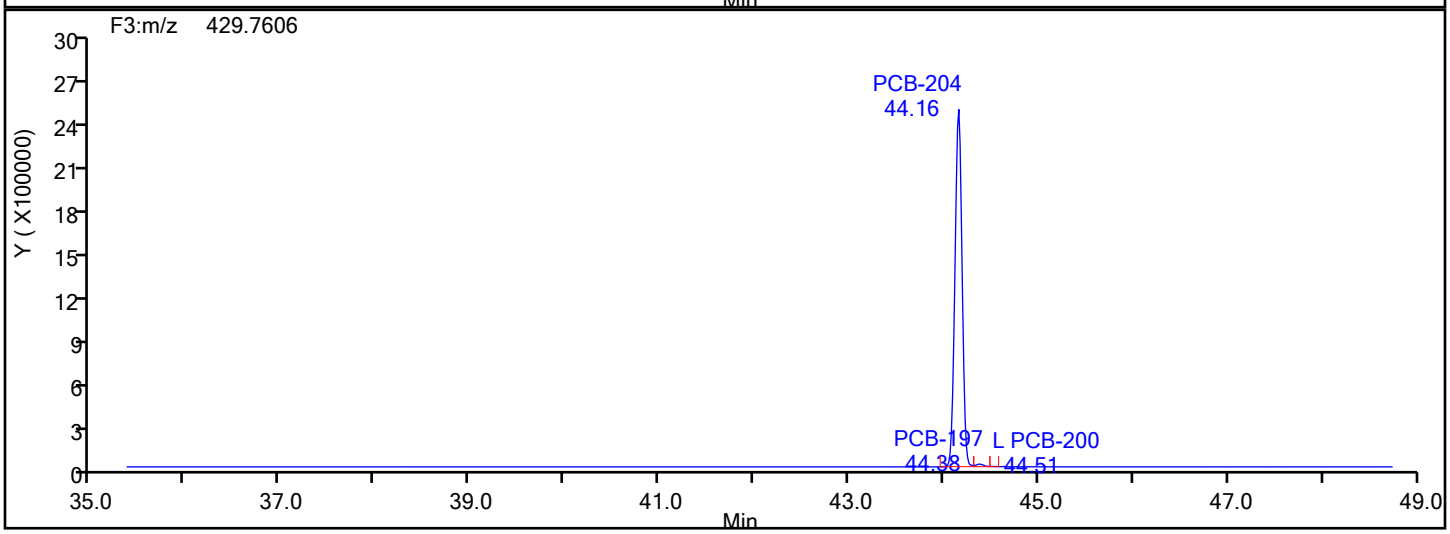
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

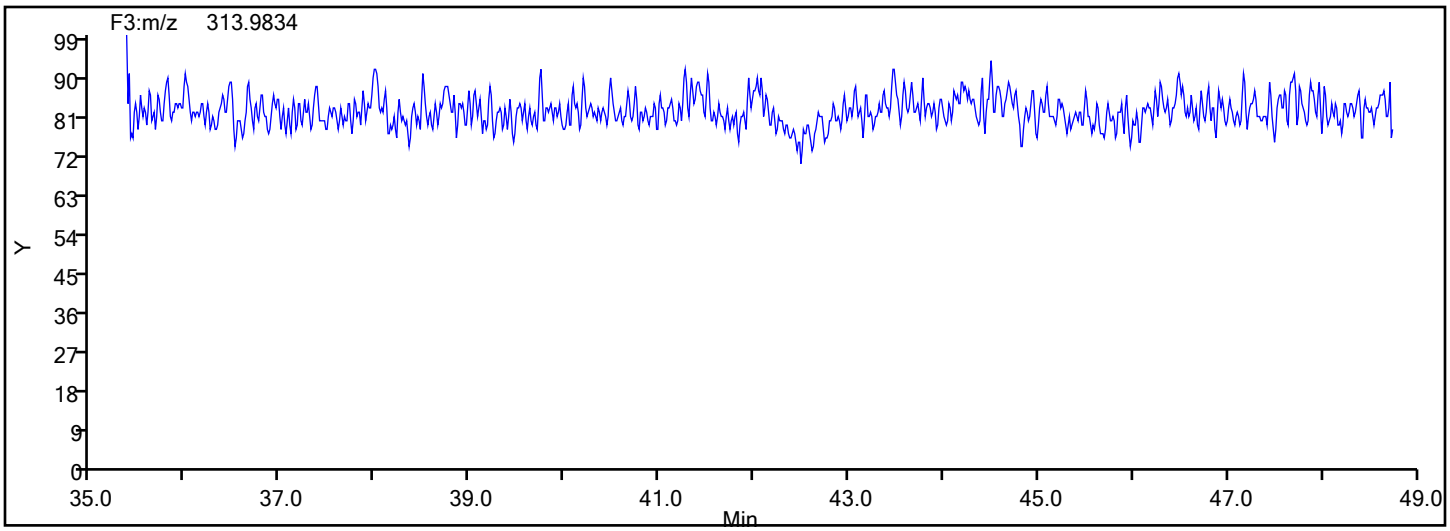
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d
Injection Date: 04-Jan-2024 20:08:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-02
Worklist#: 82009 Sample Line#: 12
Column Type: Column Dia:

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

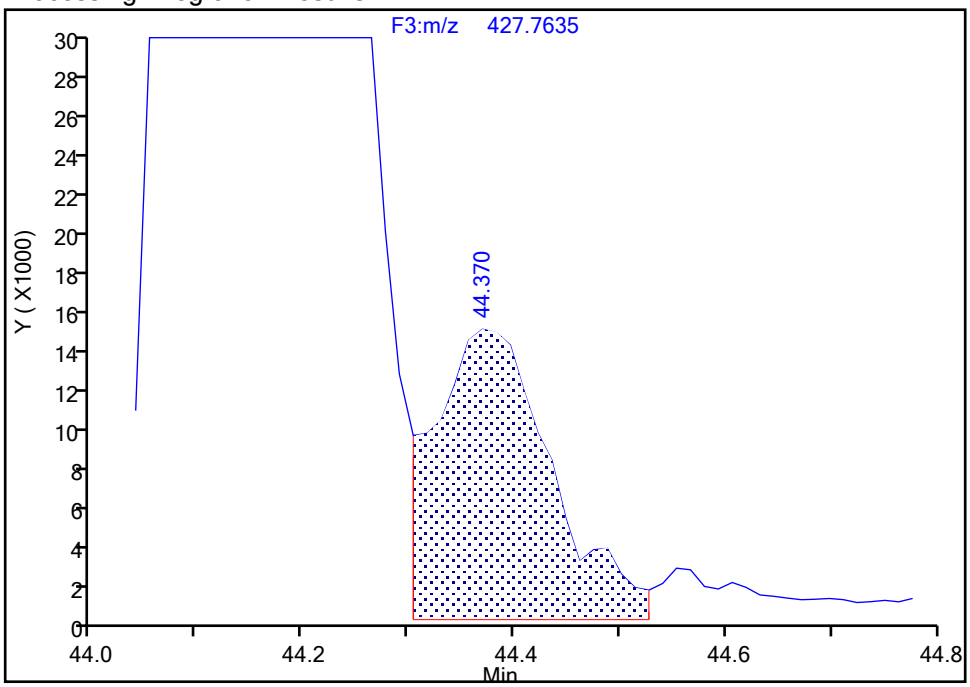
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 1

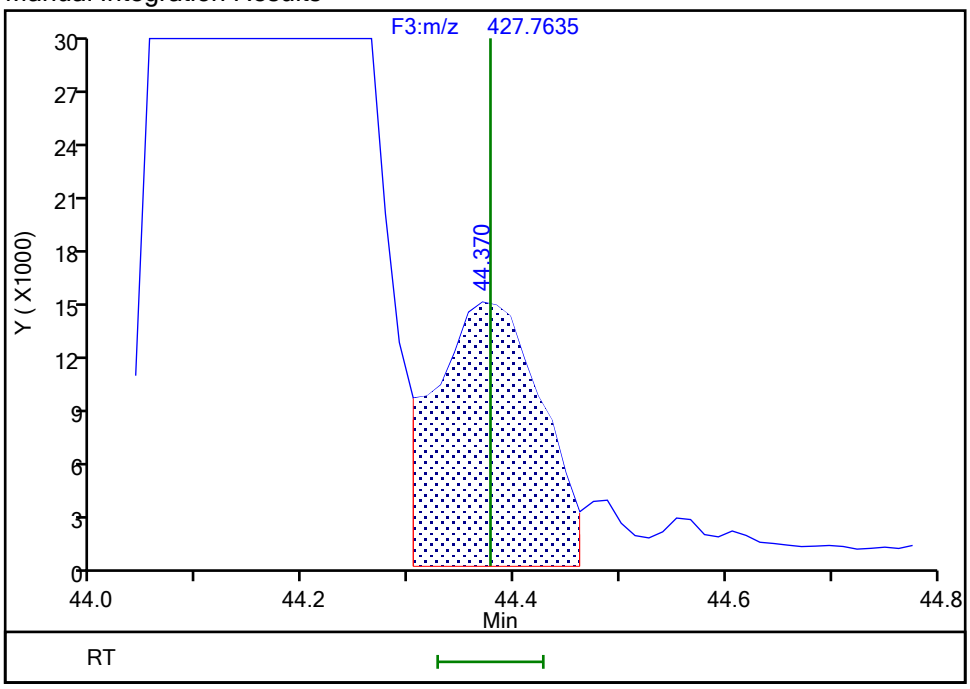
Processing Integration Results

RT: 44.37
Area: 112217
Amount: 6.952518
Amount Units: pg/ul



Manual Integration Results

RT: 44.37
Area: 101631
Amount: 6.630436
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:11:33 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Knoxville

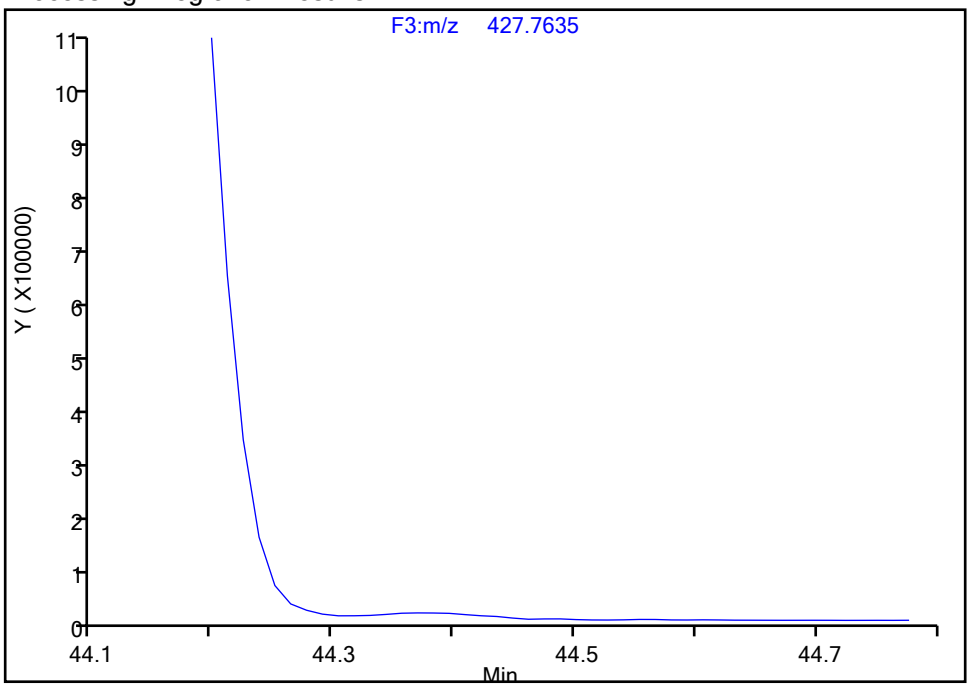
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d				
Injection Date:	04-Jan-2024 20:08:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-8-B	Lab Sample ID:	140-34509-8		
Client ID:	TRIP BLANK PW-02				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	12
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 1

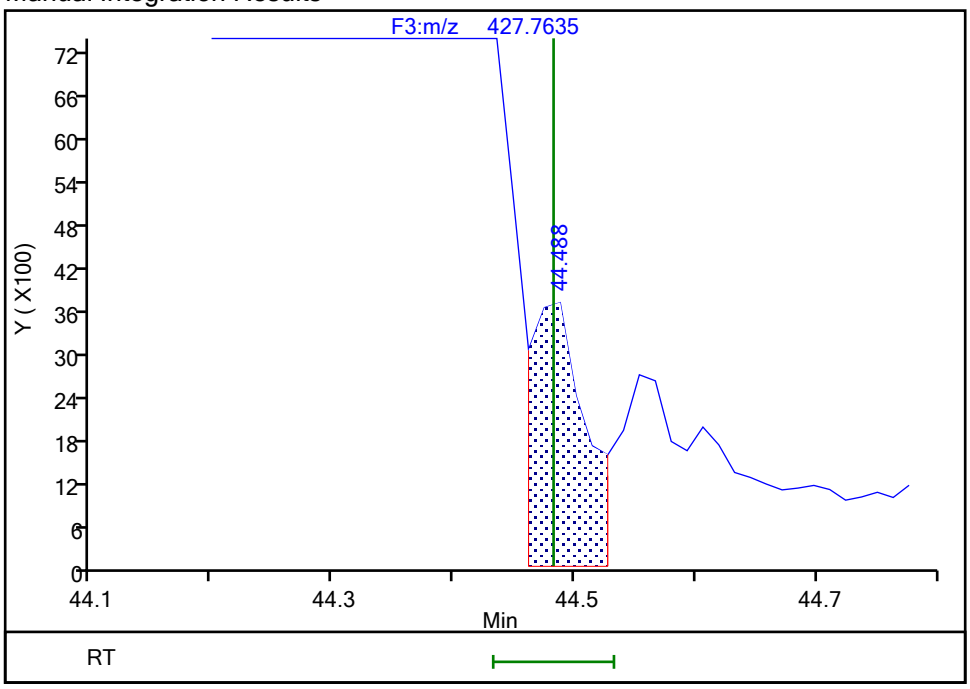
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.49
Area: 10586
Amount: 0.810915
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:11:42 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

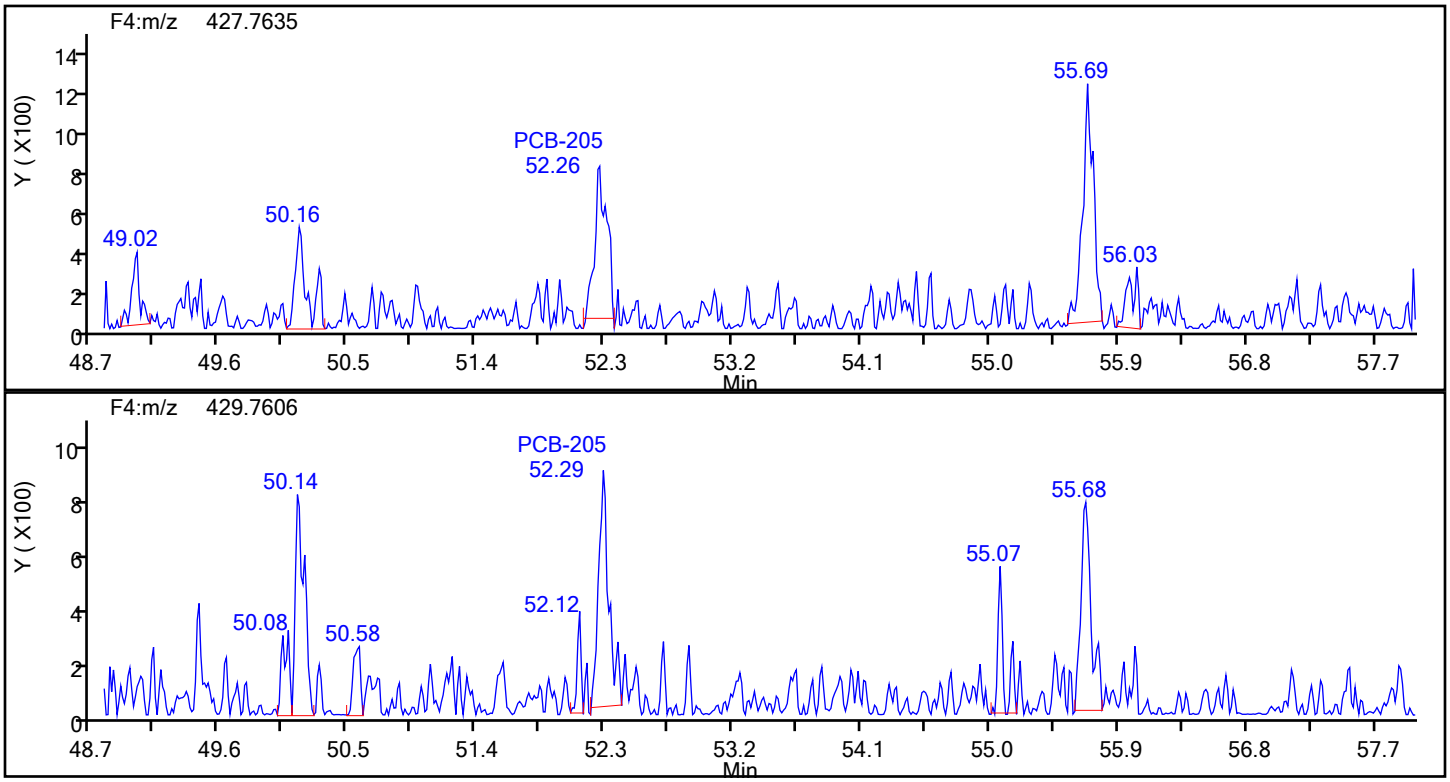
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

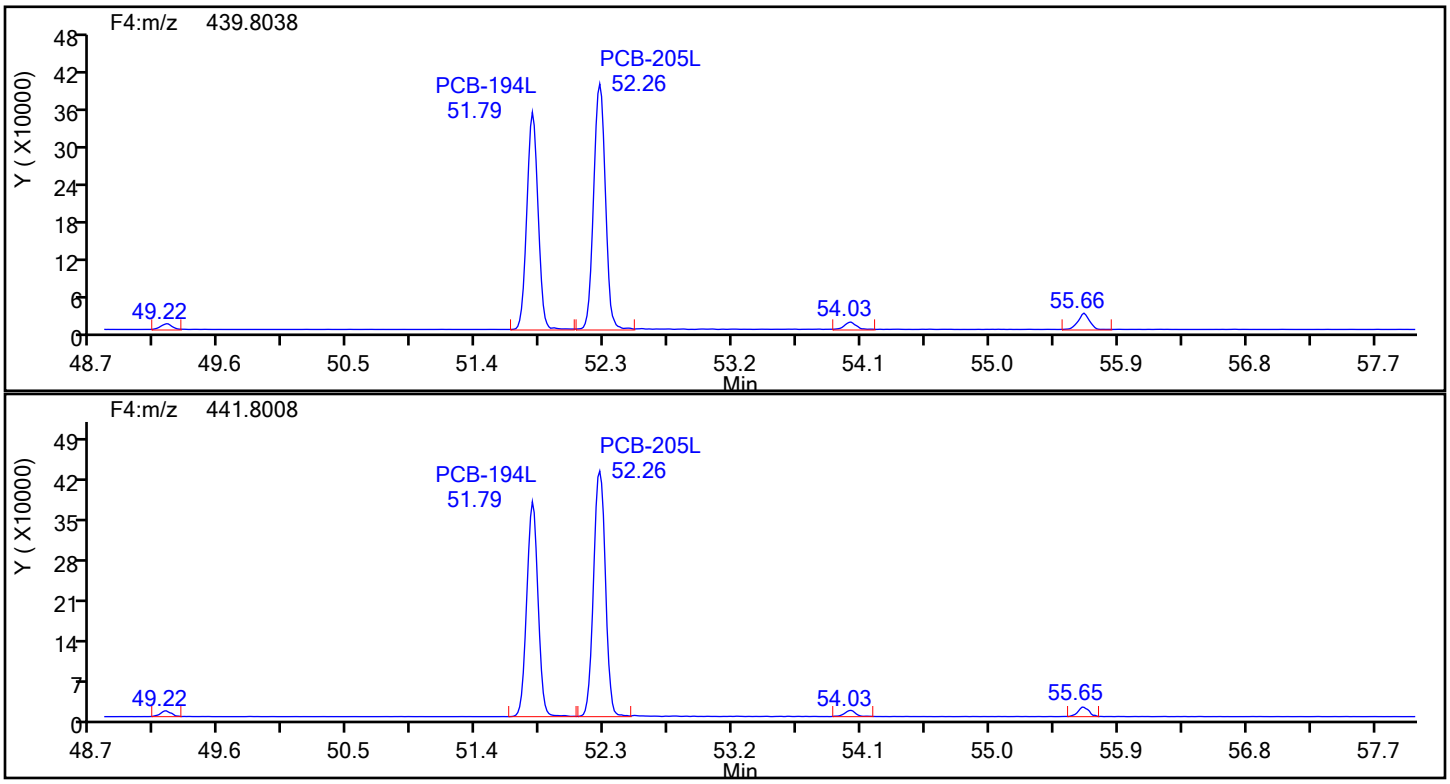
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

OcPCB F4



OcPCB F4 Standards



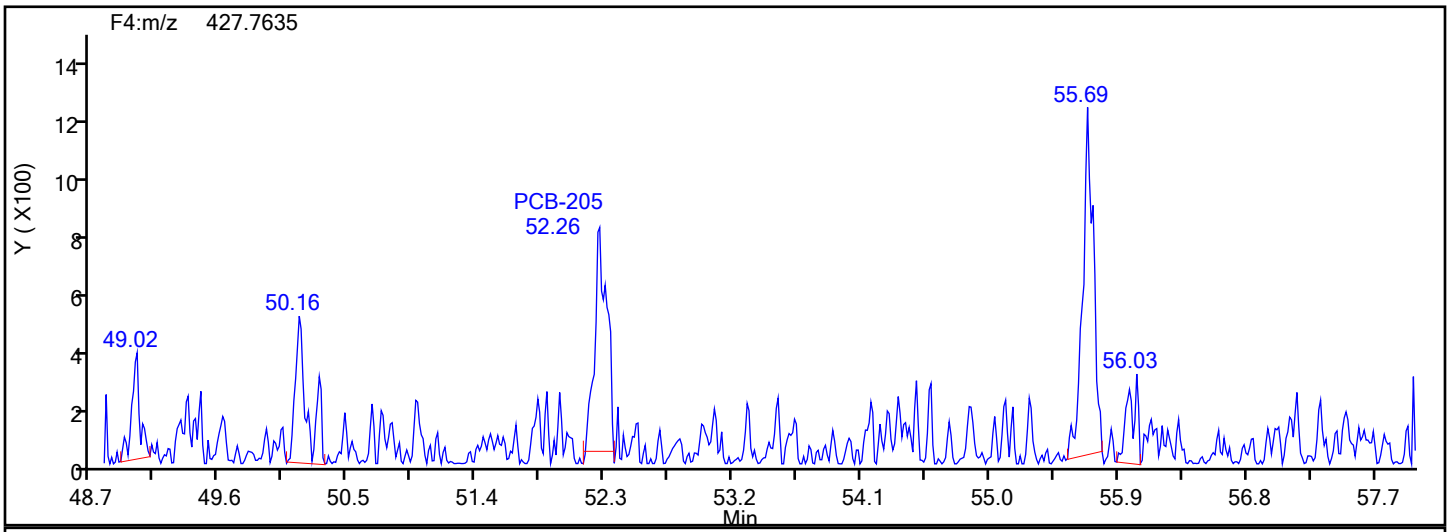
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

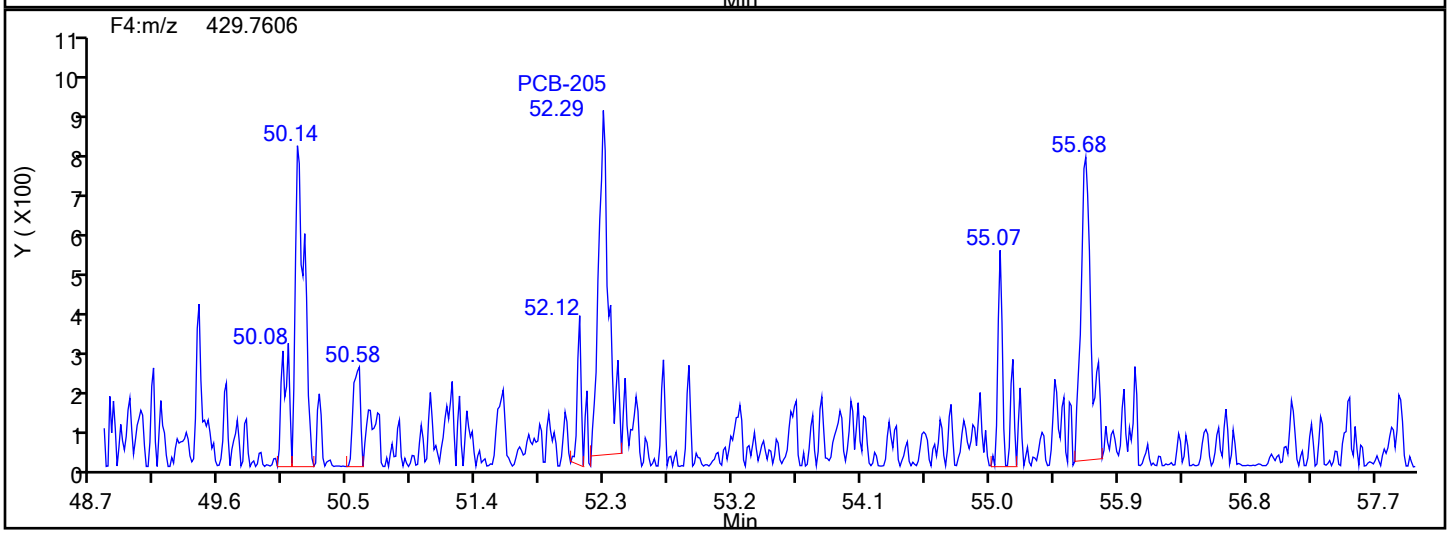
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

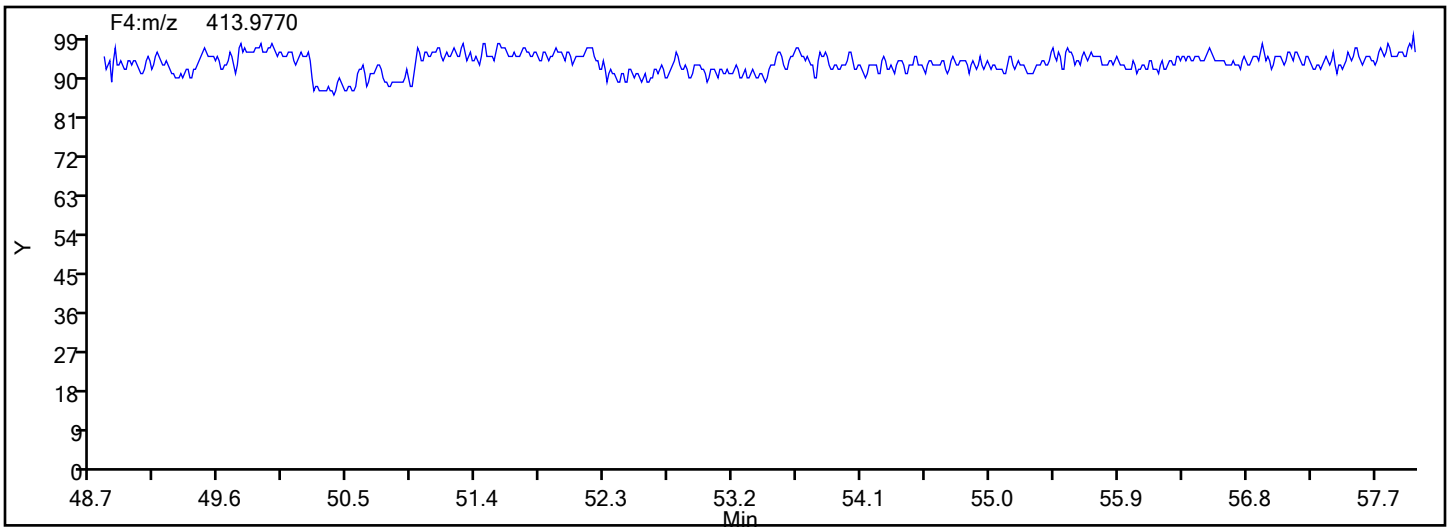
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
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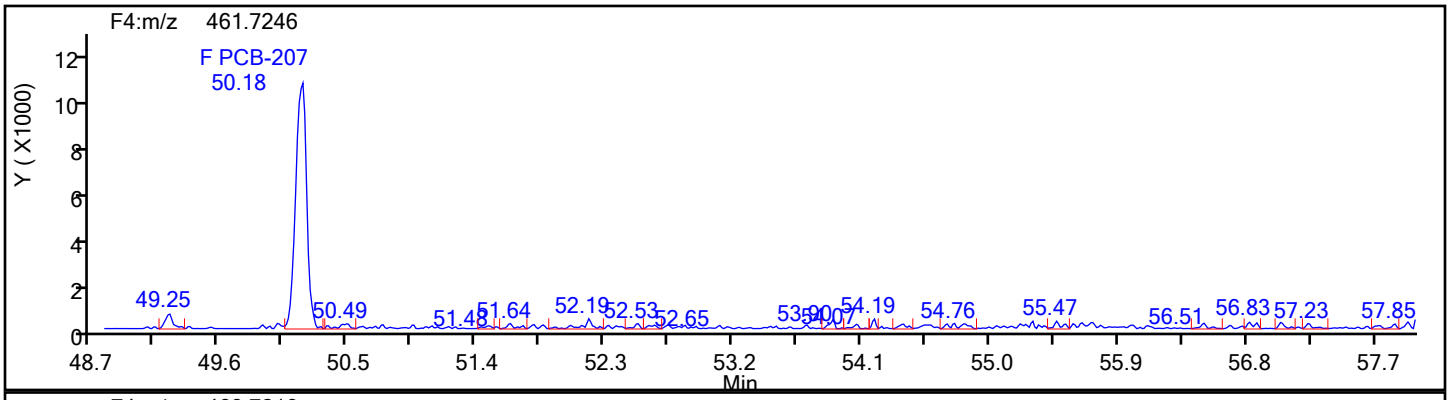
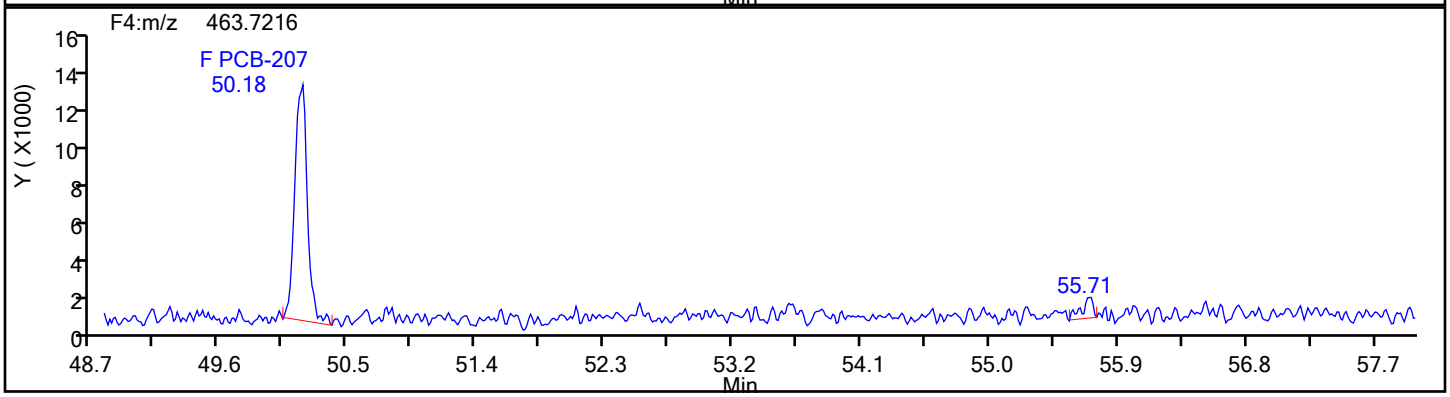
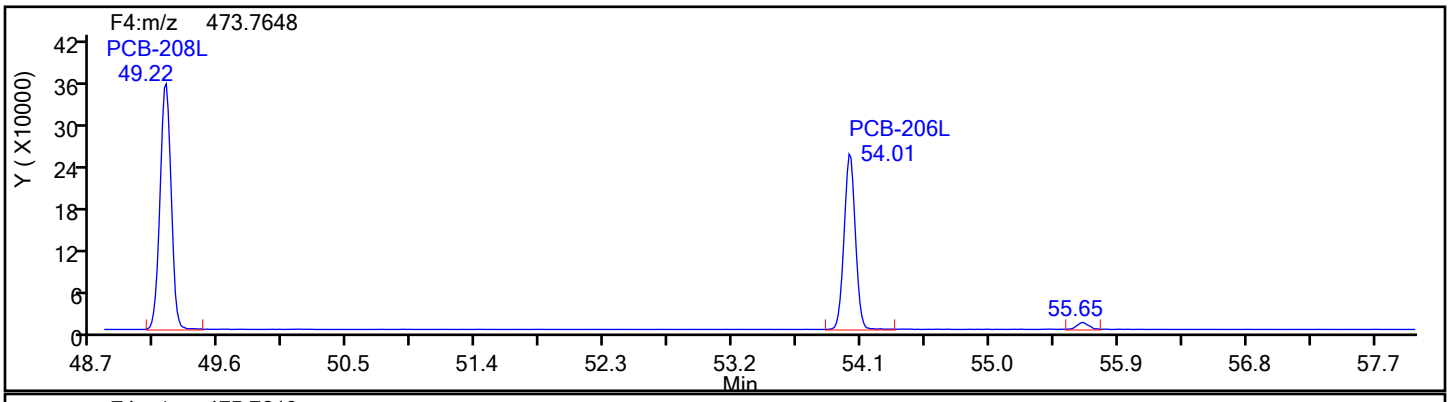
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

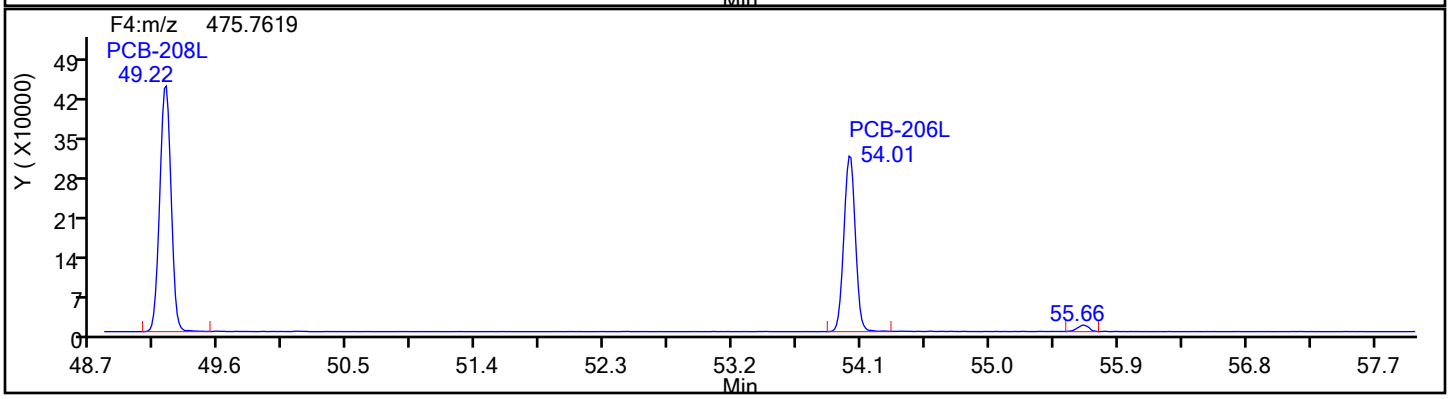
NoPCB F4





NoPCB F4 Standards



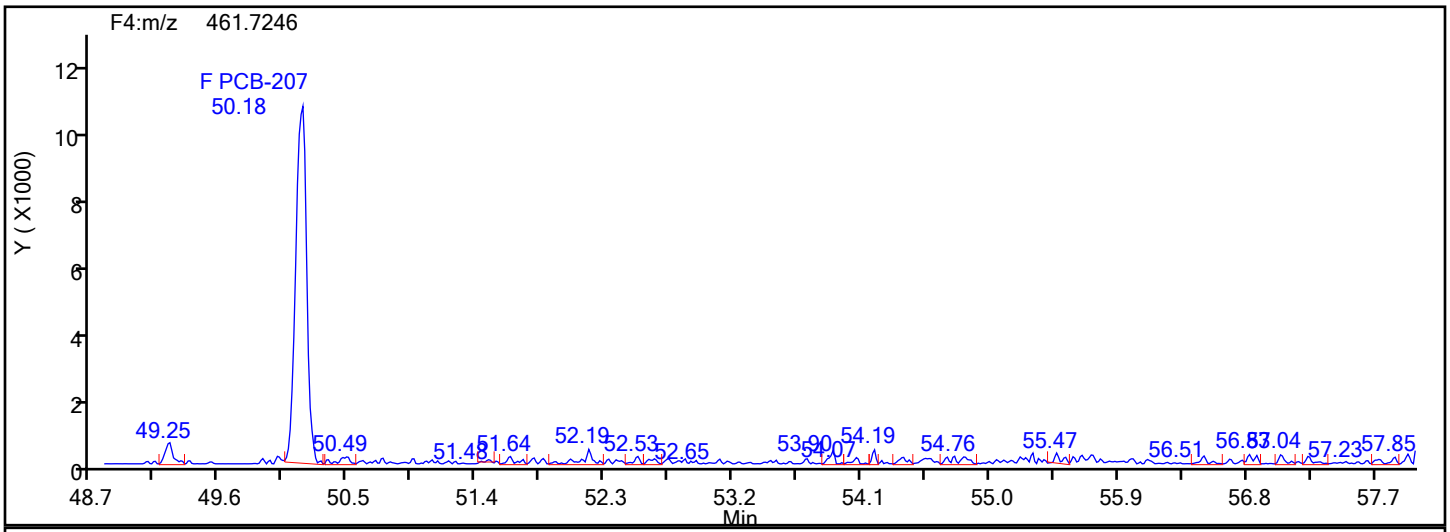


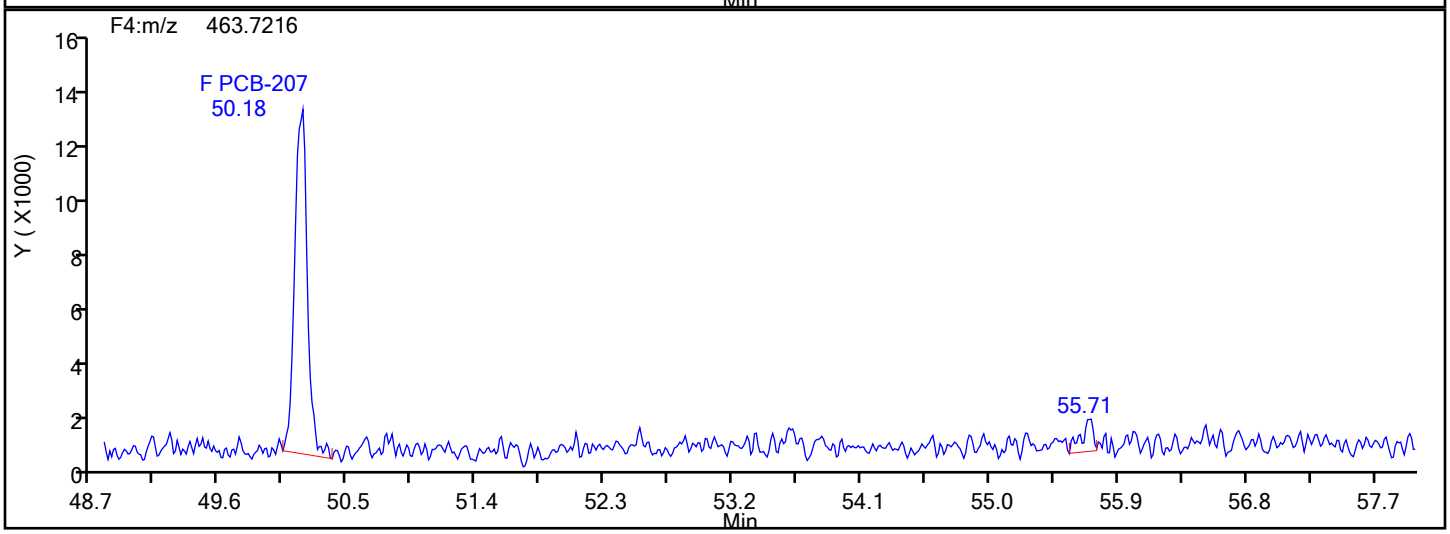
Report Date: 05-Jan-2024 01:12:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

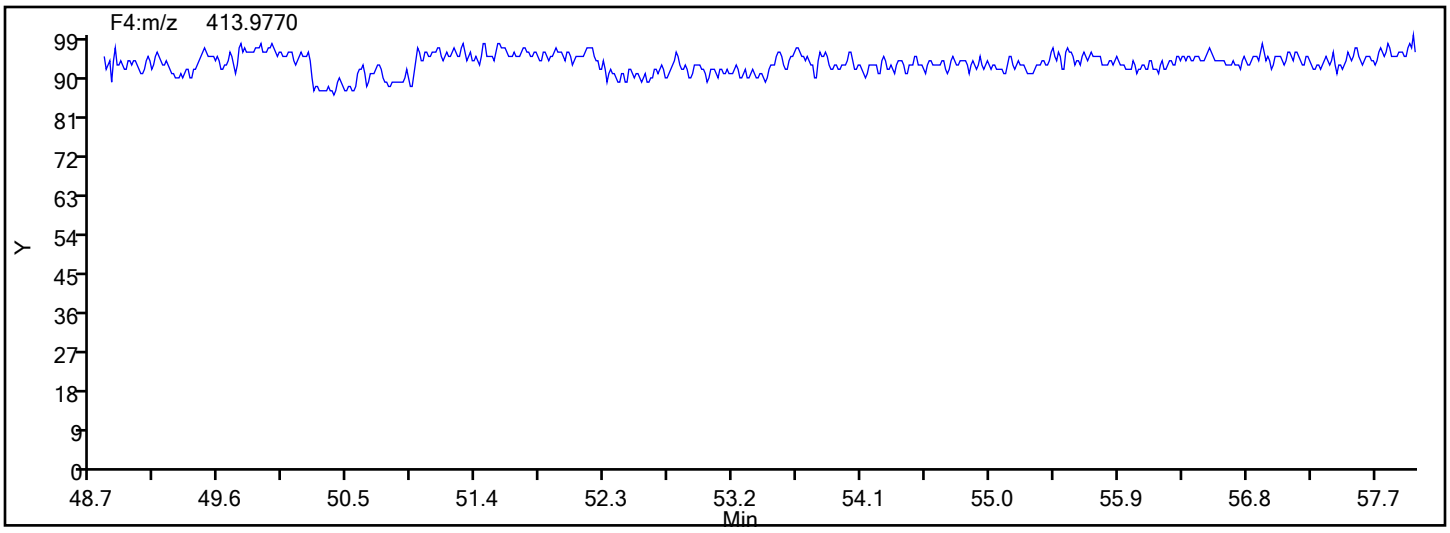
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



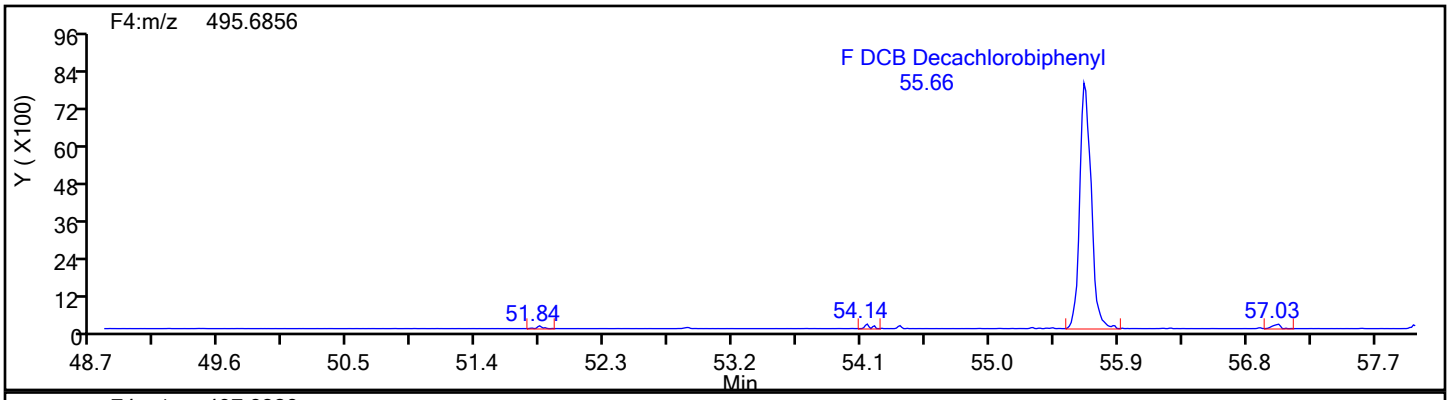
Report Date: 05-Jan-2024 01:12:27 Chrom Revision: 2.3 15-Nov-2023 20:54:34

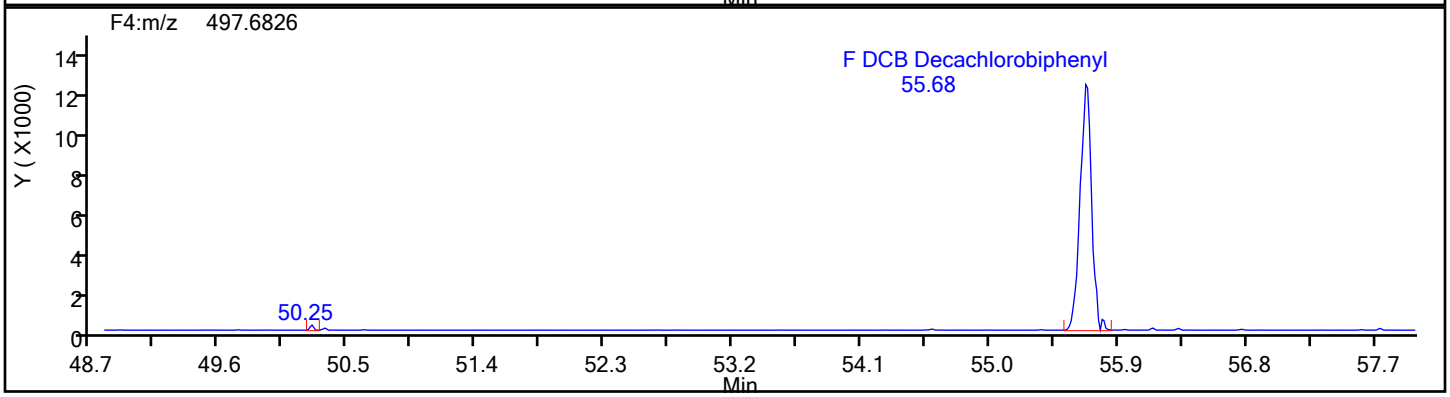
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d

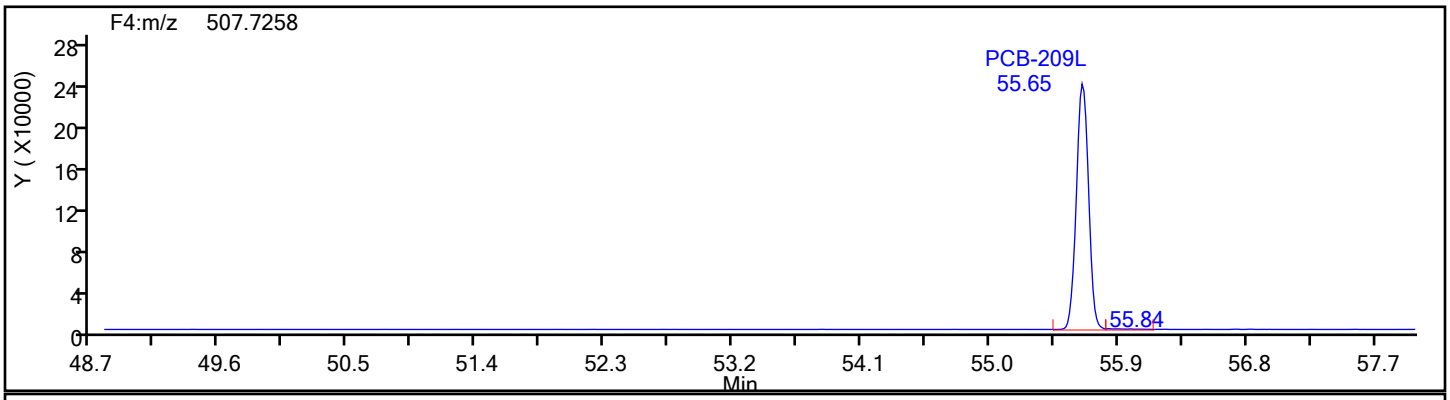
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

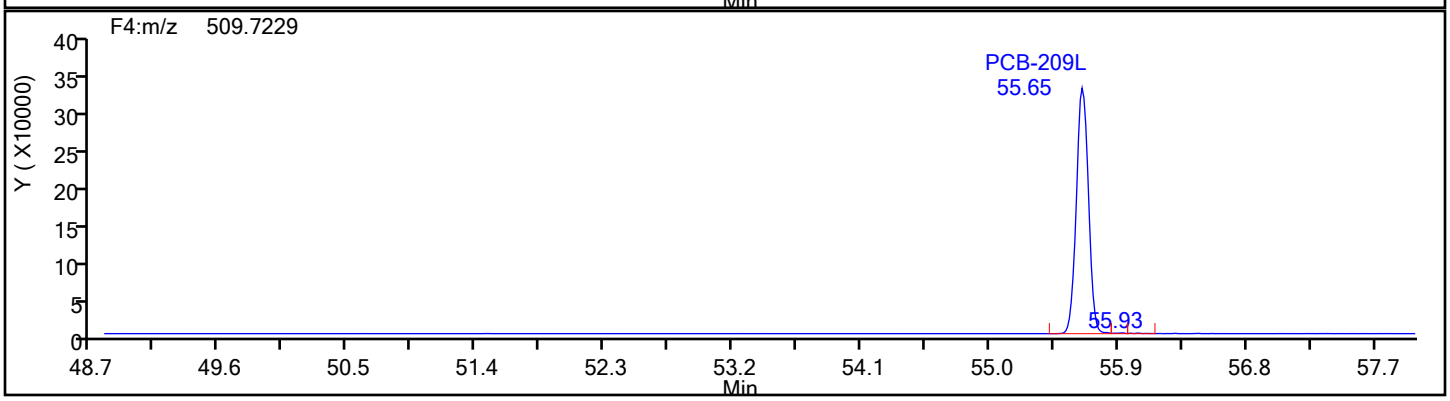
DePCB F4





DePCB F4 Standards



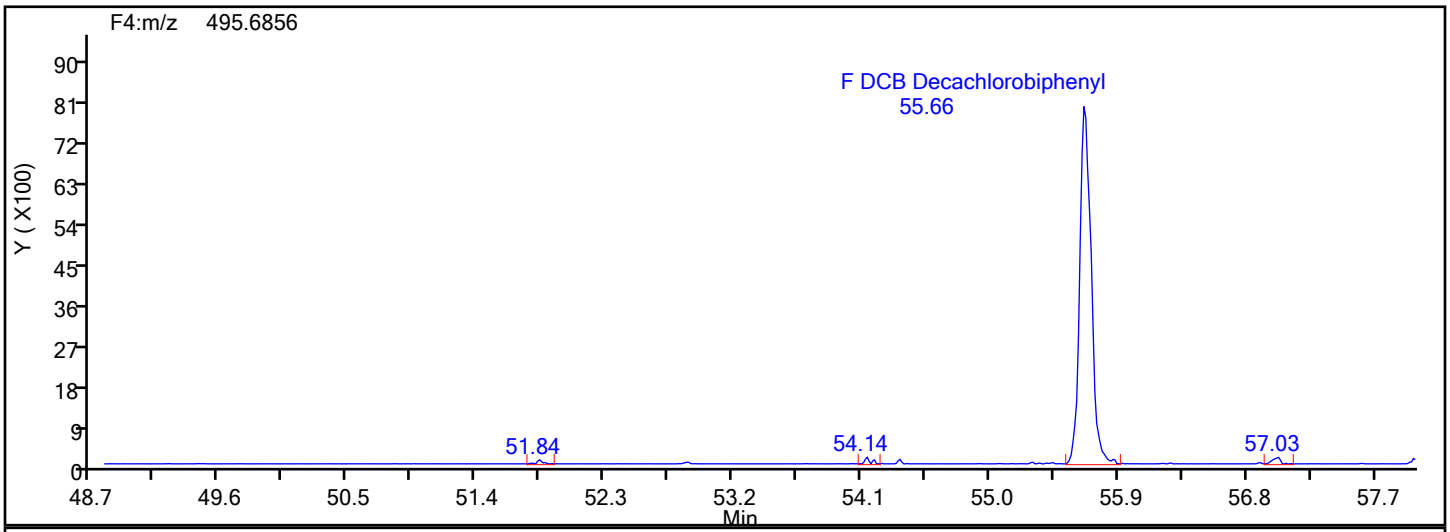


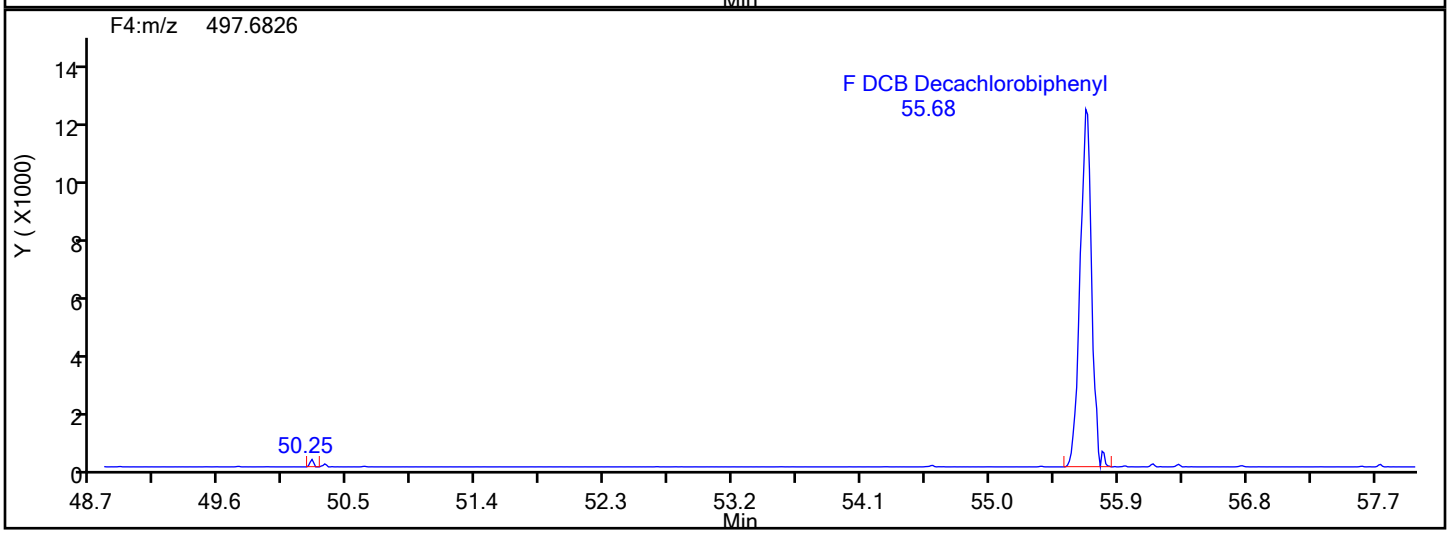
Report Date: 05-Jan-2024 01:12:27 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

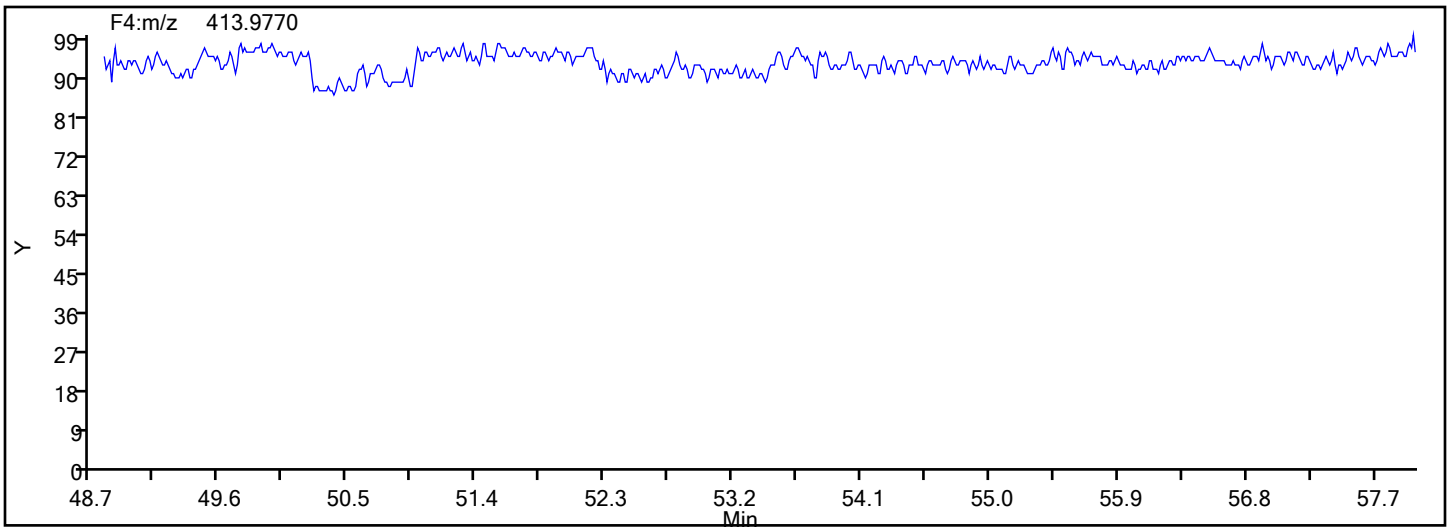
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-8-b.d		
Injection Date:	04-Jan-2024 20:08:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-02		
Worklist#:	82009	Sample Line#:	12
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-03 | Lab Sample ID: 140-34509-9

Matrix: PE | Lab File ID: 140-34509-a-9-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:54

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.052(g) | Date Analyzed: 01/04/2024 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	ND		1.9	0.028
2051-61-8	PCB-2	0.22	J	1.9	0.032
2051-62-9	PCB-3	ND		1.9	0.040
13029-08-8	PCB-4	ND		3.8	0.15
16605-91-7	PCB-5	ND		1.9	0.16
25569-80-6	PCB-6	ND		1.9	0.13
33284-50-3	PCB-7	ND		1.9	0.16
34883-43-7	PCB-8	ND		3.8	0.13
34883-39-1	PCB-9	ND		1.9	0.14
33146-45-1	PCB-10	ND		1.9	0.17
2050-67-1	PCB-11	5.0	q B	3.8	0.14
2974-92-7	PCB-12	ND	C	3.8	0.15
2974-90-5	PCB-13	ND	C12	3.8	0.15
34883-41-5	PCB-14	2400		1.9	0.15
2050-68-2	PCB-15	ND		1.9	0.17
38444-78-9	PCB-16	0.095	J q	1.9	0.068
37680-66-3	PCB-17	0.16	J q	1.9	0.068
37680-65-2	PCB-18	ND	C	3.8	0.045
38444-73-4	PCB-19	ND		1.9	0.064
38444-84-7	PCB-20	ND	C	3.8	0.42
55702-46-0	PCB-21	ND	C	3.8	0.42
38444-85-8	PCB-22	ND		1.9	0.39
55720-44-0	PCB-23	ND		1.9	0.45
55702-45-9	PCB-24	ND		1.9	0.046
55712-37-3	PCB-25	ND		1.9	0.36
38444-81-4	PCB-26	ND	C	3.8	0.47
38444-76-7	PCB-27	ND		1.9	0.048
7012-37-5	PCB-28	ND	C20	3.8	0.42
15862-07-4	PCB-29	ND	C26	3.8	0.47
35693-92-6	PCB-30	ND	C18	3.8	0.045
16606-02-3	PCB-31	ND		3.8	0.38
38444-77-8	PCB-32	0.17	J B	1.9	0.042

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-03 | Lab Sample ID: 140-34509-9

Matrix: PE | Lab File ID: 140-34509-a-9-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:54

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.052(g) | Date Analyzed: 01/04/2024 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	ND	C21	3.8	0.42
37680-68-5	PCB-34	ND		1.9	0.46
37680-69-6	PCB-35	ND		1.9	0.41
38444-87-0	PCB-36	510		1.9	0.36
38444-90-5	PCB-37	ND		1.9	0.41
53555-66-1	PCB-38	ND		1.9	0.40
38444-88-1	PCB-39	ND		1.9	0.40
38444-93-8	PCB-40	ND	C	5.8	0.061
52663-59-9	PCB-41	ND	C40	5.8	0.061
36559-22-5	PCB-42	ND		1.9	0.068
70362-46-8	PCB-43	2.6	J C	3.8	0.052
41464-39-5	PCB-44	38	C	5.8	0.056
70362-45-7	PCB-45	2.2	J C	3.8	0.066
41464-47-5	PCB-46	ND		1.9	0.079
2437-79-8	PCB-47	38	C44	5.8	0.056
70362-47-9	PCB-48	ND		1.9	0.062
41464-40-8	PCB-49	ND	C	3.8	0.052
62796-65-0	PCB-50	ND	C	3.8	0.061
68194-04-7	PCB-51	2.2	J C45	3.8	0.066
35693-99-3	PCB-52	ND		1.9	0.055
41464-41-9	PCB-53	ND	C50	3.8	0.061
15968-05-5	PCB-54	0.34	J q	1.9	0.039
74338-24-2	PCB-55	ND		1.9	0.037
41464-43-1	PCB-56	ND		1.9	0.038
70424-67-8	PCB-57	ND		1.9	0.042
41464-49-7	PCB-58	ND		1.9	0.036
74472-33-6	PCB-59	ND	C	5.8	0.046
33025-41-1	PCB-60	ND		1.9	0.044
33284-53-6	PCB-61	ND	C	7.7	0.040
54230-22-7	PCB-62	ND	C59	5.8	0.046
74472-34-7	PCB-63	ND		1.9	0.044
52663-58-8	PCB-64	ND		1.9	0.045

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-03 | Lab Sample ID: 140-34509-9

Matrix: PE | Lab File ID: 140-34509-a-9-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:54

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.052(g) | Date Analyzed: 01/04/2024 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	38	C44	5.8	0.056
32598-10-0	PCB-66	ND		1.9	0.038
73575-53-8	PCB-67	ND		1.9	0.035
73575-52-7	PCB-68	5.4		1.9	0.041
60233-24-1	PCB-69	ND	C49	3.8	0.052
32598-11-1	PCB-70	ND	C61	7.7	0.040
41464-46-4	PCB-71	ND	C40	5.8	0.061
41464-42-0	PCB-72	ND		1.9	0.040
74338-23-1	PCB-73	2.6	J C43	3.8	0.052
32690-93-0	PCB-74	ND	C61	7.7	0.040
32598-12-2	PCB-75	ND	C59	5.8	0.046
70362-48-0	PCB-76	ND	C61	7.7	0.040
32598-13-3	PCB-77	ND		1.9	0.044
70362-49-1	PCB-78	980		1.9	0.038
41464-48-6	PCB-79	ND		1.9	0.032
33284-52-5	PCB-80	ND		1.9	0.036
70362-50-4	PCB-81	2.0		1.9	0.046
52663-62-4	PCB-82	ND		1.9	0.15
60145-20-2	PCB-83	ND	C	3.8	0.15
52663-60-2	PCB-84	ND		1.9	0.19
65510-45-4	PCB-85	ND	C	5.8	0.13
55312-69-1	PCB-86	ND	C	12	0.13
38380-02-8	PCB-87	ND	C86	12	0.13
55215-17-3	PCB-88	ND	C	3.8	0.16
73575-57-2	PCB-89	ND		1.9	0.15
68194-07-0	PCB-90	ND	C	5.8	0.14
68194-05-8	PCB-91	ND	C88	3.8	0.16
52663-61-3	PCB-92	ND		1.9	0.17
73575-56-1	PCB-93	ND	C	3.8	0.17
73575-55-0	PCB-94	ND		1.9	0.19
38379-99-6	PCB-95	ND		1.9	0.16
73575-54-9	PCB-96	ND		1.9	0.11

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-03 | Lab Sample ID: 140-34509-9

Matrix: PE | Lab File ID: 140-34509-a-9-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:54

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.052(g) | Date Analyzed: 01/04/2024 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41464-51-1	PCB-97	ND	C86	12	0.13
60233-25-2	PCB-98	ND	C	3.8	0.14
38380-01-7	PCB-99	ND	C83	3.8	0.15
39485-83-1	PCB-100	ND	C93	3.8	0.17
37680-73-2	PCB-101	ND	C90	5.8	0.14
68194-06-9	PCB-102	ND	C98	3.8	0.14
60145-21-3	PCB-103	ND		1.9	0.16
56558-16-8	PCB-104	2000		1.9	0.13
32598-14-4	PCB-105	ND		1.9	0.16
70424-69-0	PCB-106	16		1.9	0.14
70424-68-9	PCB-107	ND		1.9	0.14
70362-41-3	PCB-108	ND	C	3.8	0.15
74472-35-8	PCB-109	ND	C86	12	0.13
38380-03-9	PCB-110	ND	C	3.8	0.096
39635-32-0	PCB-111	ND		1.9	0.11
74472-36-9	PCB-112	ND		1.9	0.092
68194-10-5	PCB-113	ND	C90	5.8	0.14
74472-37-0	PCB-114	ND		1.9	0.15
74472-38-1	PCB-115	ND	C110	3.8	0.096
18259-05-7	PCB-116	ND	C85	5.8	0.13
68194-11-6	PCB-117	ND	C85	5.8	0.13
31508-00-6	PCB-118	ND		1.9	0.16
56558-17-9	PCB-119	ND	C86	12	0.13
68194-12-7	PCB-120	ND		1.9	0.086
56558-18-0	PCB-121	510		1.9	0.10
76842-07-4	PCB-122	ND		1.9	0.18
65510-44-3	PCB-123	ND		1.9	0.16
70424-70-3	PCB-124	ND	C108	3.8	0.15
74472-39-2	PCB-125	ND	C86	12	0.13
57465-28-8	PCB-126	ND		1.9	0.14
39635-33-1	PCB-127	ND		1.9	0.14
38380-07-3	PCB-128	ND	C	3.8	0.15

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-03 | Lab Sample ID: 140-34509-9

Matrix: PE | Lab File ID: 140-34509-a-9-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:54

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.052(g) | Date Analyzed: 01/04/2024 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
55215-18-4	PCB-129	ND	C	7.7	0.16
52663-66-8	PCB-130	ND		1.9	0.23
61798-70-7	PCB-131	ND		1.9	0.21
38380-05-1	PCB-132	ND		1.9	0.20
35694-04-3	PCB-133	ND		1.9	0.19
52704-70-8	PCB-134	ND	C	3.8	0.21
52744-13-5	PCB-135	ND	C	3.8	0.051
38411-22-2	PCB-136	ND		1.9	0.039
35694-06-5	PCB-137	ND		1.9	0.19
35065-28-2	PCB-138	ND	C129	7.7	0.16
56030-56-9	PCB-139	ND	C	3.8	0.17
59291-64-4	PCB-140	ND	C139	3.8	0.17
52712-04-6	PCB-141	ND		1.9	0.19
41411-61-4	PCB-142	430		1.9	0.21
68194-15-0	PCB-143	ND	C134	3.8	0.21
68194-14-9	PCB-144	ND		1.9	0.051
74472-40-5	PCB-145	ND		1.9	0.035
51908-16-8	PCB-146	ND		1.9	0.16
68194-13-8	PCB-147	ND	C	3.8	0.17
74472-41-6	PCB-148	ND		1.9	0.051
38380-04-0	PCB-149	ND	C147	3.8	0.17
68194-08-1	PCB-150	ND		1.9	0.038
52663-63-5	PCB-151	ND	C135	3.8	0.051
68194-09-2	PCB-152	1.3	J q	1.9	0.034
35065-27-1	PCB-153	ND	C	3.8	0.14
60145-22-4	PCB-154	1.1	J q	1.9	0.046
33979-03-2	PCB-155	590		1.9	0.041
38380-08-4	PCB-156	ND	C	3.8	0.16
69782-90-7	PCB-157	ND	C156	3.8	0.16
74472-42-7	PCB-158	ND		1.9	0.13
39635-35-3	PCB-159	2.7		1.9	0.11
41411-62-5	PCB-160	ND	C129	7.7	0.16

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-03 | Lab Sample ID: 140-34509-9

Matrix: PE | Lab File ID: 140-34509-a-9-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:54

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.052(g) | Date Analyzed: 01/04/2024 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74472-43-8	PCB-161	17		1.9	0.13
39635-34-2	PCB-162	ND		1.9	0.13
74472-44-9	PCB-163	ND	C129	7.7	0.16
74472-45-0	PCB-164	ND		1.9	0.13
74472-46-1	PCB-165	3.3		1.9	0.15
41411-63-6	PCB-166	ND	C128	3.8	0.15
52663-72-6	PCB-167	ND		1.9	0.11
59291-65-5	PCB-168	ND	C153	3.8	0.14
32774-16-6	PCB-169	ND		1.9	0.11
35065-30-6	PCB-170	ND		1.9	0.071
52663-71-5	PCB-171	ND	C	3.8	0.066
52663-74-8	PCB-172	ND		1.9	0.064
68194-16-1	PCB-173	ND	C171	3.8	0.066
38411-25-5	PCB-174	ND		1.9	0.059
40186-70-7	PCB-175	ND		1.9	0.065
52663-65-7	PCB-176	ND		1.9	0.049
52663-70-4	PCB-177	ND		1.9	0.062
52663-67-9	PCB-178	ND		1.9	0.067
52663-64-6	PCB-179	ND		1.9	0.042
35065-29-3	PCB-180	ND	C	3.8	0.051
74472-47-2	PCB-181	ND		1.9	0.056
60145-23-5	PCB-182	ND		1.9	0.054
52663-69-1	PCB-183	ND	C	3.8	0.061
74472-48-3	PCB-184	840		1.9	0.046
52712-05-7	PCB-185	ND	C183	3.8	0.061
74472-49-4	PCB-186	ND		1.9	0.040
52663-68-0	PCB-187	ND		1.9	0.051
74487-85-7	PCB-188	ND		1.9	0.045
39635-31-9	PCB-189	ND		1.9	0.078
41411-64-7	PCB-190	ND		1.9	0.046
74472-50-7	PCB-191	ND		1.9	0.047
74472-51-8	PCB-192	2400	B	1.9	0.042

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-03 | Lab Sample ID: 140-34509-9

Matrix: PE | Lab File ID: 140-34509-a-9-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:54

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.052(g) | Date Analyzed: 01/04/2024 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
69782-91-8	PCB-193	ND	C180	3.8	0.051
35694-08-7	PCB-194	ND		1.9	0.062
52663-78-2	PCB-195	ND		1.9	0.069
42740-50-1	PCB-196	ND		1.9	0.052
33091-17-7	PCB-197	14		1.9	0.039
68194-17-2	PCB-198	ND	C	3.8	0.047
52663-75-9	PCB-199	ND	C198	3.8	0.047
52663-73-7	PCB-200	2.5		1.9	0.043
40186-71-8	PCB-201	ND		1.9	0.043
2136-99-4	PCB-202	ND		1.9	0.041
52663-76-0	PCB-203	ND		1.9	0.043
74472-52-9	PCB-204	1400		1.9	0.037
74472-53-0	PCB-205	0.23	J q	1.9	0.051
40186-72-9	PCB-206	ND		1.9	0.18
52663-79-3	PCB-207	5.8		1.9	0.15
52663-77-1	PCB-208	ND		1.9	0.14
2051-24-3	PCB-209	6.4		1.9	0.024

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: TRIP BLANK PW-03 | Lab Sample ID: 140-34509-9

Matrix: PE | Lab File ID: 140-34509-a-9-b.d

Analysis Method: 1668A | Date Collected: 10/12/2023 11:54

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.052(g) | Date Analyzed: 01/04/2024 21:09

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 82009 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	87		30-140
208263-77-8	PCB-3L	76		30-140
234432-86-1	PCB-4L	86		30-140
208263-67-6	PCB-15L	76		30-140
234432-87-2	PCB-19L	82		30-140
208263-79-0	PCB-37L	72		30-140
234432-88-3	PCB-54L	86		30-140
105600-23-5	PCB-77L	78		30-140
208461-24-9	PCB-81L	78		30-140
234432-89-4	PCB-104L	95		30-140
208263-62-1	PCB-105L	94		30-140
208263-63-2	PCB-114L	97		30-140
104130-40-7	PCB-118L	98		30-140
208263-64-3	PCB-123L	100		30-140
208263-65-4	PCB-126L	98		30-140
234432-90-7	PCB-155L	93		30-140
208263-68-7	PCB-156L	92	C	30-140
235416-30-5	PCB-157L	92	C156	30-140
208263-69-8	PCB-167L	93		30-140
208263-70-1	PCB-169L	89		30-140
160901-80-4	PCB-170L	87		30-140
234432-91-8	PCB-188L	94		30-140
208263-73-4	PCB-189L	82		30-140
105600-26-8	PCB-202L	92		30-140
234446-64-1	PCB-205L	88		30-140
208263-75-6	PCB-206L	95		30-140
234432-92-9	PCB-208L	96		30-140
105600-27-9	PCB-209L	100		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d
Lims ID: 140-34509-A-9-B
Client ID: TRIP BLANK PW-03
Sample Type: Client
Inject. Date: 04-Jan-2024 21:09:00 ALS Bottle#: 0 Worklist Smp#: 13
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-013
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 01:21:09 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 01:21:09

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					0.1120	0.1120	0.0174	0.0174		
D PCB-1L	11:39	6226589	3.16	1.3572	86.8	86.8	0.2065	0.2065	86.79	
D PCB-3L	13:49	5703531	3.28	1.4136	76.3	76.3	0.1982	0.1982	76.33	
PCB-1	11:43						0.0147	0.0147		
PCB-2	13:40	8442	3.02	1.2638	0.1120	0.1120	0.0167	0.0167		
PCB-3	13:52						0.0207	0.0207		
S Total Dichlorobiphenyls					1267.2	1267.0	0.0783	0.0783		RQ
D PCB-4L	14:04	2815857	1.58	0.6168	86.4	86.4	0.1093	0.1093	86.36	
* PCB-9L	16:02	5285927	1.58	2E+05	100.0	100.0				
D PCB-15L	19:58	4527088	1.60	1.1198	76.5	76.5	0.0602	0.0602	76.48	
PCB-4	14:07						0.0799	0.0799		
PCB-10	14:17						0.0884	0.0884		
PCB-9	16:05						0.0748	0.0748		
PCB-7	16:15						0.0817	0.0817		
PCB-6	16:30						0.0682	0.0682		
PCB-5	16:48						0.0836	0.0836		
PCB-8	16:56						0.0671	0.0671		
PCB-14	18:31	59719509	1.62	1.2864	1264.4	1264.4	0.0793	0.0793		
PCB-11	19:22	136703	1.56	1.4418	2.822	2.582	0.0708	0.0708		RQM
PCB-12	19:43						0.0787	0.0787		
PCB-13 (C12)	19:43						0.0787	0.0787		
PCB-15	20:00						0.0895	0.0895		
S Total Trichlorobiphenyls					263.4	263.4	0.1483	0.1483		RQ
D PCB-19L	17:10	1818835	1.05	0.6075	82.1	82.1	0.6835	0.6835	82.12	
* PCB-32L	20:26	3645618	1.07	1.4E+05	100.0	100.0				
* PCB-31L	22:42	7412109	1.04	3.1E+05	100.0	100.0				
$ PCB-28L	23:01						0.1273	0.1273		
D PCB-37L	27:00	4763127	1.02	0.8960	71.7	71.7	0.1404	0.1404	71.72	
PCB-19	17:13						0.0331	0.0331		
PCB-18	19:03						0.0236	0.0236		
PCB-30 (C18)	19:03						0.0236	0.0236		
PCB-17	19:28	1815	1.04	1.2151	0.1024	0.0821	0.0351	0.0351		RQM
PCB-27	19:43						0.0249	0.0249		
PCB-24	19:51						0.0241	0.0241		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-16	19:57	1075	1.04	1.2003	0.0545	0.0492	0.0356	0.0356		RQM
PCB-32	20:26	3108	1.07	1.9703	0.0867	0.0867	0.0217	0.0217		
PCB-34	21:44						0.2408	0.2408		
PCB-23	21:53						0.2352	0.2352		
PCB-26	22:13						0.2420	0.2420		
PCB-29 (C26)	22:13						0.2420	0.2420		
PCB-25	22:26						0.1870	0.1870		
PCB-31	22:44						0.1964	0.1964		
PCB-20	23:03						0.2190	0.2190		
PCB-28 (C20)	23:03						0.2190	0.2190		
PCB-21	23:13						0.2161	0.2161		
PCB-33 (C21)	23:13						0.2161	0.2161		
PCB-22	23:40						0.2020	0.2020		
PCB-36	25:12	16237696	0.96	1.2953	263.2	263.2	0.1876	0.1876		
PCB-39	25:36						0.2091	0.2091		
PCB-38	26:10						0.2066	0.2066		
PCB-35	26:39						0.2148	0.2148		
PCB-37	27:02						0.2122	0.2122		
S Total Tetrachlorobiphenyls					535.4	535.4	0.0247	0.0247		RQ
D PCB-54L	20:15	2124293	0.80	0.6773	86.0	86.0	0.0512	0.0512	86.03	
* PCB-52L	24:49	4403868	0.79	1.6E+05	100.0	100.0				
D PCB-81L	33:45	4645601	0.80	1.3497	78.2	78.2	0.1201	0.1201	78.16	
D PCB-77L	34:19	4876360	0.81	1.4256	77.7	77.7	0.1137	0.1137	77.67	
PCB-54	20:17	4529	0.77	1.2064	0.2503	0.1767	0.0205	0.0205		RQM
PCB-50	22:29						0.0316	0.0316		
PCB-53 (C50)	22:29						0.0316	0.0316		
PCB-45	23:11	37995	0.68	0.7052	1.132	1.132	0.0343	0.0343		
PCB-51 (C45)	23:11	37995	0.68	0.7052	1.132	1.132	0.0343	0.0343		
PCB-46	23:27						0.0410	0.0410		
PCB-52	24:52						0.0285	0.0285		
PCB-43	25:00	58551	0.86	0.8936	1.376	1.376	0.0271	0.0271		
PCB-73 (C43)	25:00	58551	0.86	0.8936	1.376	1.376	0.0271	0.0271		
PCB-49	25:19						0.0271	0.0271		
PCB-69 (C49)	25:19						0.0271	0.0271		
PCB-48	25:38						0.0323	0.0323		
PCB-44	25:47	796611	0.81	0.8388	19.9	19.9	0.0289	0.0289		
PCB-47 (C44)	25:47	796611	0.81	0.8388	19.9	19.9	0.0289	0.0289		
PCB-65 (C44)	25:47	796611	0.81	0.8388	19.9	19.9	0.0289	0.0289		
PCB-59	26:11						0.0241	0.0241		
PCB-62 (C59)	26:11						0.0241	0.0241		
PCB-75 (C59)	26:11						0.0241	0.0241		
PCB-42	26:23						0.0352	0.0352		
PCB-40	26:52						0.0318	0.0318		
PCB-41 (C40)	26:52						0.0318	0.0318		
PCB-71 (C40)	26:52						0.0318	0.0318		
PCB-64	27:06						0.0235	0.0235		
PCB-72	27:56						0.0208	0.0208		
PCB-68	28:13	150489	0.72	1.1249	2.810	2.810	0.0215	0.0215		
PCB-57	28:38						0.0218	0.0218		
PCB-58	28:53						0.0189	0.0189		
PCB-67	29:03						0.0182	0.0182		
PCB-63	29:19						0.0227	0.0227		
PCB-61	29:39						0.0210	0.0210		
PCB-70 (C61)	29:39						0.0210	0.0210		
PCB-74 (C61)	29:39						0.0210	0.0210		
PCB-76 (C61)	29:39						0.0210	0.0210		
PCB-66	29:58						0.0197	0.0197		
PCB-55	30:08						0.0191	0.0191		
PCB-56	30:39						0.0199	0.0199		
PCB-60	30:51						0.0230	0.0230		
PCB-80	31:16						0.0190	0.0190		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-79	32:48						0.0168	0.0168		
PCB-78	33:20	29356434	0.79	1.2116	508.9	508.9	0.0200	0.0200		
PCB-81	33:45	48291	0.68	1.0148	1.024	1.024	0.0241	0.0241		
PCB-77	34:21						0.0229	0.0229		
S Total Pentachlorobiphenyls					1335.3	1335.2	0.0745	0.0745		RQ
D PCB-104L	25:46	3723946	1.61	1.1880	95.2	95.2	0.0503	0.0503	95.18	
* PCB-101L	31:40	3293170	1.62	1.2E+05	100.0	100.0				
$ PCB-111L	34:22						0.0507	0.0507		
D PCB-123L	36:19	4724276	1.56	0.9399	99.8	99.8	0.8859	0.8859	99.79	
D PCB-118L	36:38	4855622	1.60	0.9794	98.4	98.4	0.8502	0.8502	98.43	
D PCB-114L	37:10	4752402	1.61	0.9767	96.6	96.6	0.8525	0.8525	96.60	
D PCB-105L	37:49	4557836	1.61	0.9600	94.3	94.3	0.8673	0.8673	94.25	
* PCB-127L	39:17	5036971	1.58	2.1E+05	100.0	100.0				
D PCB-126L	40:53	4722720	1.54	0.9554	98.1	98.1	0.8715	0.8715	98.13	
PCB-104	25:47	39721363	1.59	1.0054	1060.9	1060.9	0.0674	0.0674		
PCB-96	26:11						0.0589	0.0589		
PCB-103	28:07						0.0814	0.0814		
PCB-94	28:20						0.0975	0.0975		
PCB-95	28:47						0.0855	0.0855		
PCB-93	28:59						0.0865	0.0865		
PCB-100 (C93)	28:59						0.0865	0.0865		
PCB-98	29:08						0.0738	0.0738		
PCB-102 (C98)	29:08						0.0738	0.0738		
PCB-88	29:38						0.0845	0.0845		
PCB-91 (C88)	29:38						0.0845	0.0845		
PCB-84	29:51						0.0989	0.0989		
PCB-89	30:20						0.0799	0.0799		
PCB-121	30:44	12709224	1.58	1.2839	265.8	265.8	0.0528	0.0528		
PCB-92	31:08						0.0868	0.0868		
PCB-90	31:41						0.0710	0.0710		
PCB-101 (C90)	31:41						0.0710	0.0710		
PCB-113 (C90)	31:41						0.0710	0.0710		
PCB-83	32:17						0.0766	0.0766		
PCB-99 (C83)	32:17						0.0766	0.0766		
PCB-112	32:25						0.0479	0.0479		
PCB-86	32:46						0.0659	0.0659		
PCB-87 (C86)	32:46						0.0659	0.0659		
PCB-97 (C86)	32:46						0.0659	0.0659		
PCB-109 (C86)	32:46						0.0659	0.0659		
PCB-119 (C86)	32:46						0.0659	0.0659		
PCB-125 (C86)	32:46						0.0659	0.0659		
PCB-85	33:30						0.0662	0.0662		
PCB-116 (C85)	33:30						0.0662	0.0662		
PCB-117 (C85)	33:30						0.0662	0.0662		
PCB-110	33:44						0.0500	0.0500		
PCB-115 (C110)	33:44						0.0500	0.0500		
PCB-82	34:00						0.0795	0.0795		
PCB-111	34:23						0.0555	0.0555		
PCB-120	34:51						0.0447	0.0447		
PCB-108	35:59						0.0804	0.0804		
PCB-124 (C108)	35:59						0.0804	0.0804		
PCB-107	36:14						0.0730	0.0730		
PCB-123	36:21						0.0829	0.0829		
PCB-106	36:28	466087	1.54	1.1708	8.430	8.430	0.0749	0.0749		M
PCB-118	36:36	4058	1.55	1.0261	0.1374	0.0815	0.0836	0.0836		RQMa
PCB-122	37:01						0.0946	0.0946		
PCB-114	37:12						0.0777	0.0777		
PCB-105	37:51						0.0855	0.0855		
PCB-127	39:20						0.0741	0.0741		
PCB-126	40:56						0.0729	0.0729		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Hexachlorobiphenyls					542.1	542.0	0.0671	0.0671		RQ
D PCB-155L	31:26	3463656	1.27	1.1357	92.6	92.6	0.0285	0.0285	92.61	
* PCB-138L	39:45	3977448	1.27	1.5E+05	100.0	100.0				
D PCB-167L	42:45	4691560	1.28	1.2662	93.2	93.2	0.4121	0.4121	93.16	
D PCB-156L	43:55	9150450	1.28	1.2515	183.8	183.8	0.4170	0.4170	91.91	
D PCB-157L (C156L)	43:55	9150450	1.28	1.2515	183.8	183.8	0.4170	0.4170	91.91	
D PCB-169L	47:09	4640369	1.28	1.3070	89.3	89.3	0.3993	0.3993	89.26	
PCB-155	31:28	9835635	1.27	0.9289	305.7	305.7	0.0212	0.0212		M
PCB-152	31:39	26582	1.24	1.1242	0.7631	0.6827	0.0175	0.0175		RQMa
PCB-150	31:50						0.0198	0.0198		
PCB-136	32:12						0.0205	0.0205		
PCB-145	32:30						0.0183	0.0183		
PCB-148	34:00						0.0267	0.0267		
PCB-135	34:39						0.0266	0.0266		
PCB-151 (C135)	34:39						0.0266	0.0266		
PCB-154	34:50	16697	1.24	0.8223	0.6555	0.5863	0.0240	0.0240		RQ
PCB-144	35:10						0.0267	0.0267		
PCB-147	35:32						0.0871	0.0871		
PCB-149 (C147)	35:32						0.0871	0.0871		
PCB-134	35:49						0.1104	0.1104		
PCB-143 (C134)	35:49						0.1104	0.1104		
PCB-139	36:07						0.0897	0.0897		
PCB-140 (C139)	36:07						0.0897	0.0897		
PCB-131	36:19						0.1097	0.1097		
PCB-142	36:28	6970191	1.27	0.6760	223.1	223.1	0.1112	0.1112		
PCB-132	36:47						0.1065	0.1065		
PCB-133	37:17						0.0968	0.0968		
PCB-165	37:40	76081	1.15	0.9584	1.718	1.718	0.0785	0.0785		M
PCB-146	37:56						0.0821	0.0821		
PCB-161	38:03	459784	1.24	1.1406	8.724	8.724	0.0659	0.0659		
PCB-153	38:34						0.0718	0.0718		
PCB-168 (C153)	38:34						0.0718	0.0718		
PCB-141	38:44						0.0992	0.0992		
PCB-130	39:09						0.1183	0.1183		
PCB-137	39:22						0.0998	0.0998		
PCB-164	39:29						0.0673	0.0673		
PCB-129	39:48						0.0852	0.0852		
PCB-138 (C129)	39:48						0.0852	0.0852		
PCB-160 (C129)	39:48						0.0852	0.0852		
PCB-163 (C129)	39:48						0.0852	0.0852		
PCB-158	40:11						0.0664	0.0664		
PCB-128	41:01						0.0790	0.0790		
PCB-166 (C128)	41:01						0.0790	0.0790		
PCB-159	42:02	83593	1.10	1.3072	1.384	1.384	0.0575	0.0575		
PCB-162	42:19						0.0688	0.0688		
PCB-167	42:47						0.0557	0.0557		
PCB-156	43:56						0.0840	0.0840		
PCB-157 (C156)	43:56						0.0840	0.0840		
PCB-169	47:11						0.0551	0.0551		
S Total Heptachlorobiphenyls					1709.1	1709.1	0.0288	0.0288		
D PCB-188L	37:10	3949706	1.05	1.2605	93.8	93.8	0.009463	0.009463	93.76	
$ PCB-178L	40:14						0.0143	0.0143		
* PCB-180L	45:18	3341907	1.09	1.2E+05	100.0	100.0				
D PCB-170L	46:33	2491730	1.07	0.8524	87.5	87.5	0.0140	0.0140	87.47	
D PCB-189L	49:40	5250602	1.06	1.4740	81.9	81.9	0.7726	0.7726	81.94	
PCB-188	37:12						0.0236	0.0236		
PCB-179	37:32						0.0220	0.0220		
PCB-184	38:03	18253718	1.05	1.2996	436.1	436.1	0.0237	0.0237		
PCB-176	38:25						0.0257	0.0257		
PCB-186	38:52						0.0209	0.0209		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-178	40:16						0.0349	0.0349		
PCB-175	40:53						0.0340	0.0340		
PCB-187	41:09						0.0267	0.0267		
PCB-182	41:21						0.0278	0.0278		
PCB-183	41:45						0.0317	0.0317		
PCB-185 (C183)	41:45						0.0317	0.0317		
PCB-174	42:00						0.0308	0.0308		
PCB-177	42:26						0.0320	0.0320		
PCB-181	42:49						0.0291	0.0291		
PCB-171	43:03						0.0343	0.0343		
PCB-173 (C171)	43:03						0.0343	0.0343		
PCB-172	44:41						0.0332	0.0332		
PCB-192	44:57	57934800	1.06	1.4131	1273.0	1273.0	0.0218	0.0218		
PCB-180	45:18						0.0264	0.0264		
PCB-193 (C180)	45:18						0.0264	0.0264		
PCB-191	45:41						0.0242	0.0242		
PCB-170	46:36						0.0369	0.0369		
PCB-190	47:06						0.0237	0.0237		
PCB-189	49:42						0.0407	0.0407		
S Total Octachlorobiphenyls					754.7	754.7	0.0249	0.0249		RQ
D PCB-202L	42:32	3204130	0.92	1.0390	92.3	92.3	0.0122	0.0122	92.27	
* PCB-194L	51:47	4347337	0.91	1.5E+05	100.0	100.0				
D PCB-205L	52:15	4663561	0.90	1.2166	88.2	88.2	0.6028	0.6028	88.18	
PCB-202	42:34						0.0213	0.0213		
PCB-201	43:29						0.0224	0.0224		
PCB-204	44:09	26575660	0.91	1.1119	746.0	746.0	0.0193	0.0193		
PCB-197	44:22	247218	0.95	1.0487	7.358	7.358	0.0205	0.0205		M
PCB-200	44:33	40204	0.98	0.9671	1.297	1.297	0.0222	0.0222		Ma
PCB-198	47:17						0.0243	0.0243		
PCB-199 (C198)	47:17						0.0243	0.0243		
PCB-196	47:57						0.0272	0.0272		
PCB-203	48:09						0.0221	0.0221		
PCB-195	49:28						0.0360	0.0360		
PCB-194	51:49						0.0322	0.0322		
PCB-205	52:18	6293	0.89	1.1267	0.1316	0.1198	0.0265	0.0265		RQM
S Total Nonachlorobiphenyls					3.008	3.008	0.0805	0.0805		
D PCB-208L	49:12	4261498	0.80	1.0234	95.8	95.8	0.8312	0.8312	95.79	
D PCB-206L	54:00	3024540	0.82	0.7298	95.3	95.3	1.165	1.165	95.32	
PCB-208	49:14						0.0750	0.0750		
PCB-207	50:10	135103	0.80	1.2328	3.008	3.008	0.0755	0.0755		M
PCB-206	54:02						0.0910	0.0910		
D PCB-209L	55:38	3285624	0.72	0.7565	99.9	99.9	0.0377	0.0377	99.90	
DCB Decachlorobiphenyl	55:39	113797	0.76	1.0418	3.324	3.324	0.0124	0.0124		M
S Polychlorinated biphenyls, Total					6413.7	3.324	0.0600	0.0600		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d
Lims ID: 140-34509-A-9-B
Client ID: TRIP BLANK PW-03
Sample Type: Client
Inject. Date: 04-Jan-2024 21:09:00 ALS Bottle#: 0 Worklist Smp#: 13
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-013
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 05-Jan-2024 01:21:09 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 05-Jan-2024 01:21:09

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:39	11:40	-3	0.727	4731206	1683500	940	2350	1791		
202.0766	11:39	11:40	-3	0.727	1495383	539915	576	1440	937	3.16(2.66-3.60)	
PCB-3L											
200.0795	13:49	13:49	-2	0.862	4372013	1200221	940	2350	1277		
202.0766	13:49	13:49	-2	0.862	1331518	363826	576	1440	632	3.28(2.66-3.60)	
PCB-1											
188.0393	11:40						114	285			
190.0363	11:40						46	115			
PCB-2											
188.0393	13:40	13:40	-2	0.989	6342	1678	114	285	15		
190.0363	13:39	13:40	-3	0.988	2100	558	46	115	12	3.02(2.66-3.60)	
PCB-3											
188.0393	13:50						114	285			
190.0363	13:50						46	115			
PCB-4L											
234.0406	14:04	14:04	-2	0.878	1725327	490626	277	692	1771		
236.0376	14:04	14:04	-2	0.878	1090530	306480	88	220	3483	1.58(1.33-1.79)	
PCB-9L											
234.0406	16:02	16:04	-3		3236135	821963	277	692	2967		
236.0376	16:02	16:04	-3		2049792	530545	88	220	6029	1.58(1.33-1.79)	
PCB-15L											
234.0406	19:58	19:56	-2	1.245	2783568	494939	277	692	1787		
236.0376	19:58	19:56	-2	1.245	1743520	305853	88	220	3476	1.60(1.33-1.79)	
PCB-4											
222.0003	14:05						143	357			
223.9974	14:05						183	457			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-10											
222.0003	14:15						143	357			
223.9974	14:15						183	457			
PCB-9											
222.0003	16:03						143	357			
223.9974	16:03						183	457			
PCB-7											
222.0003	16:13						143	357			
223.9974	16:13						183	457			
PCB-6											
222.0003	16:28						143	357			
223.9974	16:28						183	457			
PCB-5											
222.0003	16:46						143	357			
223.9974	16:46						183	457			
PCB-8											
222.0003	16:54						143	357			
223.9974	16:54						183	457			
PCB-14											
222.0003	18:31	18:31	-2	0.928	36910547	8450932	143	357	59097		
223.9974	18:31	18:31	-2	0.928	22808962	5176167	183	457	28285	1.62(1.33-1.79)	
PCB-11											RQM
222.0003	19:22	19:21	-1	0.970	95976	13582	143	357	95		M
	Empc Correction				83303	13857	143	357	97		
223.9974	19:21	19:21	-2	0.970	53400	8883	183	457	49	1.80(1.33-1.79)	M
PCB-12											
222.0003	19:41						143	357			
223.9974	19:41						183	457			
PCB-13 (C12)											
222.0003	19:41						143	357			
223.9974	19:41						183	457			
PCB-15											
222.0003	19:58						143	357			
223.9974	19:58						183	457			
PCB-19L											
268.0016	17:10	17:11	-2	0.840	933289	219044	855	2137	256		
269.9986	17:10	17:11	-3	0.840	885546	207283	423	1057	490	1.05(0.88-1.20)	
PCB-32L											
268.0016	20:26	20:27	-1		1882162	402190	855	2137	470		
269.9986	20:26	20:27	-1		1763456	367263	423	1057	868	1.07(0.88-1.20)	
PCB-31L											
268.0016	22:42	22:43	-1		3774780	753436	388	970	1942		
269.9986	22:42	22:43	-1		3637329	716840	352	880	2036	1.04(0.88-1.20)	
PCB-28L											
268.0016	23:00						388	970			
269.9986	23:00						352	880			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-37L											
268.0016	27:00	27:00	-1	1.190	2401298	401707	388	970	1035		
269.9986	27:00	27:00	-1	1.190	2361829	383233	352	880	1089	1.02(0.88-1.20)	
PCB-19											
255.9613	17:12						25	62			
257.9584	17:12						48	120			
PCB-18											
255.9613	19:01						25	62			
257.9584	19:01						48	120			
PCB-30 (C18)											
255.9613	19:01						25	62			
257.9584	19:01						48	120			
PCB-17											RQM
255.9613	19:28	19:28	-3	1.133	1372	432	25	62	17		M
	Empc Correction				925	253	25	62	10		
257.9584	19:28	19:28	-2	1.134	890	244	48	120	5	1.54(0.88-1.20)	M
PCB-27											
255.9613	19:41						25	62			
257.9584	19:41						48	120			
PCB-24											
255.9613	19:49						25	62			
257.9584	19:49						48	120			
PCB-16											RQM
255.9613	19:57	19:57	-1	1.162	662	230	25	62	9		M
	Empc Correction				548	240	25	62	10		
257.9584	19:55	19:57	-3	1.160	527	231	48	120	5	1.26(0.88-1.20)	
PCB-32											
255.9613	20:26	20:28	-3	1.190	1606	482	25	62	19		
257.9584	20:28	20:28	-1	1.191	1502	383	48	120	8	1.07(0.88-1.20)	
PCB-34											
255.9613	21:42						443	1107			
257.9584	21:42						320	800			
PCB-23											
255.9613	21:51						443	1107			
257.9584	21:51						320	800			
PCB-26											
255.9613	22:10						443	1107			
257.9584	22:10						320	800			
PCB-29 (C26)											
255.9613	22:10						443	1107			
257.9584	22:10						320	800			
PCB-25											
255.9613	22:25						443	1107			
257.9584	22:25						320	800			
PCB-31											
255.9613	22:43						443	1107			
257.9584	22:43						320	800			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-20											
255.9613	23:02						443	1107			
257.9584	23:02						320	800			
PCB-28 (C20)											
255.9613	23:02						443	1107			
257.9584	23:02						320	800			
PCB-21											
255.9613	23:12						443	1107			
257.9584	23:12						320	800			
PCB-33 (C21)											
255.9613	23:12						443	1107			
257.9584	23:12						320	800			
PCB-22											
255.9613	23:39						443	1107			
257.9584	23:39						320	800			
PCB-36											
255.9613	25:12	25:13	-1	0.933	7973140	1458210	443	1107	3292		
257.9584	25:12	25:13	-1	0.933	8264556	1510766	320	800	4721	0.96(0.88-1.20)	
PCB-39											
255.9613	25:35						443	1107			
257.9584	25:35						320	800			
PCB-38											
255.9613	26:09						443	1107			
257.9584	26:09						320	800			
PCB-35											
255.9613	26:38						443	1107			
257.9584	26:38						320	800			
PCB-37											
255.9613	27:01						443	1107			
257.9584	27:01						320	800			
PCB-54L											
301.9626	20:15	20:16	-2	0.816	942426	208825	83	207	2516		
303.9597	20:15	20:16	-2	0.816	1181867	265112	24	60	11046	0.80(0.65-0.89)	
PCB-52L											
301.9626	24:49	24:51	-1		1941107	385849	354	885	1090		
303.9597	24:49	24:51	-1		2462761	493273	216	540	2284	0.79(0.65-0.89)	
PCB-81L											
301.9626	33:45	33:44	0	1.360	2070288	362722	354	885	1025		
303.9597	33:45	33:44	0	1.360	2575313	442927	216	540	2051	0.80(0.65-0.89)	
PCB-77L											
301.9626	34:19	34:18	0	1.383	2185668	369400	354	885	1044		
303.9597	34:19	34:18	0	1.383	2690692	451587	216	540	2091	0.81(0.65-0.89)	
PCB-54											RQM
289.9224	20:17	20:16	-2	1.000	3857	1295	15	37	86		
	Empc Correction				1970	465	15	37	31		
291.9194	20:16	20:16	-3	0.999	2559	605	32	80	19	1.51(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-50											
289.9224	22:27						40	100			
291.9194	22:27						39	97			
PCB-53 (C50)											
289.9224	22:27						40	100			
291.9194	22:27						39	97			
PCB-45											
289.9224	23:11	23:12	-1	1.145	15375	3699	40	100	92		
291.9194	23:12	23:12	0	1.146	22620	4452	39	97	114	0.68(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:11	23:12	-1	1.145	15375	3699	40	100	92		
291.9194	23:12	23:12	0	1.146	22620	4452	39	97	114	0.68(0.65-0.89)	
PCB-46											
289.9224	23:25						40	100			
291.9194	23:25						39	97			
PCB-52											
289.9224	24:50						40	100			
291.9194	24:50						39	97			
PCB-43											
289.9224	25:00	25:01	0	1.235	27131	5190	40	100	130		
291.9194	24:59	25:01	-1	1.234	31420	6890	39	97	177	0.86(0.65-0.89)	
PCB-73 (C43)											
289.9224	25:00	25:01	0	1.235	27131	5190	40	100	130		
291.9194	24:59	25:01	-1	1.234	31420	6890	39	97	177	0.86(0.65-0.89)	
PCB-49											
289.9224	25:17						40	100			
291.9194	25:17						39	97			
PCB-69 (C49)											
289.9224	25:17						40	100			
291.9194	25:17						39	97			
PCB-48											
289.9224	25:36						40	100			
291.9194	25:36						39	97			
PCB-44											
289.9224	25:47	25:46	-6	1.273	356122	69001	40	100	1725		
291.9194	25:47	25:46	-6	1.273	440489	87668	39	97	2248	0.81(0.65-0.89)	
PCB-47 (C44)											
289.9224	25:47	25:46	-6	1.273	356122	69001	40	100	1725		
291.9194	25:47	25:46	-6	1.273	440489	87668	39	97	2248	0.81(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:47	25:46	-6	1.273	356122	69001	40	100	1725		
291.9194	25:47	25:46	-6	1.273	440489	87668	39	97	2248	0.81(0.65-0.89)	
PCB-59											
289.9224	26:09						40	100			
291.9194	26:09						39	97			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-62 (C59)											
289.9224	26:09						40	100			
291.9194	26:09						39	97			
PCB-75 (C59)											
289.9224	26:09						40	100			
291.9194	26:09						39	97			
PCB-42											
289.9224	26:21						40	100			
291.9194	26:21						39	97			
PCB-40											
289.9224	26:50						40	100			
291.9194	26:50						39	97			
PCB-41 (C40)											
289.9224	26:50						40	100			
291.9194	26:50						39	97			
PCB-71 (C40)											
289.9224	26:50						40	100			
291.9194	26:50						39	97			
PCB-64											
289.9224	27:03						40	100			
291.9194	27:03						39	97			
PCB-72											
289.9224	27:56						40	100			
291.9194	27:56						39	97			
PCB-68											
289.9224	28:13	28:13	0	0.836	63200	12742	40	100	319		
291.9194	28:13	28:13	0	0.836	87289	17135	39	97	439	0.72(0.65-0.89)	
PCB-57											
289.9224	28:38						40	100			
291.9194	28:38						39	97			
PCB-58											
289.9224	28:52						40	100			
291.9194	28:52						39	97			
PCB-67											
289.9224	29:02						40	100			
291.9194	29:02						39	97			
PCB-63											
289.9224	29:19						40	100			
291.9194	29:19						39	97			
PCB-61											
289.9224	29:38						40	100			
291.9194	29:38						39	97			
PCB-70 (C61)											
289.9224	29:38						40	100			
291.9194	29:38						39	97			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-74 (C61)											
289.9224	29:38						40	100			
291.9194	29:38						39	97			
PCB-76 (C61)											
289.9224	29:38						40	100			
291.9194	29:38						39	97			
PCB-66											
289.9224	29:58						40	100			
291.9194	29:58						39	97			
PCB-55											
289.9224	30:08						40	100			
291.9194	30:08						39	97			
PCB-56											
289.9224	30:38						40	100			
291.9194	30:38						39	97			
PCB-60											
289.9224	30:51						40	100			
291.9194	30:51						39	97			
PCB-80											
289.9224	31:15						40	100			
291.9194	31:15						39	97			
PCB-79											
289.9224	32:47						40	100			
291.9194	32:47						39	97			
PCB-78											
289.9224	33:20	33:19	0	0.987	12974986	2325566	40	100	58139		
291.9194	33:20	33:19	0	0.987	16381448	2968125	39	97	76106	0.79(0.65-0.89)	
PCB-81											
289.9224	33:45	33:47	-2	1.000	19560	5632	40	100	141		
291.9194	33:45	33:47	-2	1.000	28731	8875	39	97	228	0.68(0.65-0.89)	
PCB-77											
289.9224	34:21						40	100			
291.9194	34:21						39	97			
PCB-104L											
337.9207	25:46	25:46	0	0.814	2295682	457151	79	197	5787		
339.9178	25:46	25:46	0	0.814	1428264	288059	69	172	4175	1.61(1.32-1.78)	
PCB-101L											
337.9207	31:40	31:42	-1		2034060	383248	79	197	4851		
339.9178	31:40	31:42	-1		1259110	235562	69	172	3414	1.62(1.32-1.78)	
PCB-111L											
337.9207	34:21						79	197			
339.9178	34:21						69	172			
PCB-123L											
337.9207	36:19	36:18	0	1.147	2878558	530379	1734	4335	306		
339.9178	36:18	36:18	-1	1.146	1845718	347671	1398	3495	249	1.56(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-118L											
337.9207	36:38	36:37	-1	1.157	2989045	546997	1734	4335	315		
339.9178	36:38	36:37	-1	1.157	1866577	339525	1398	3495	243	1.60(1.32-1.78)	
PCB-114L											
337.9207	37:10	37:09	-1	1.173	2932539	549727	1734	4335	317		
339.9178	37:10	37:09	-1	1.173	1819863	345670	1398	3495	247	1.61(1.32-1.78)	
PCB-105L											
337.9207	37:49	37:48	-1	1.194	2814405	510712	1734	4335	295		
339.9178	37:49	37:48	-1	1.194	1743431	315847	1398	3495	226	1.61(1.32-1.78)	
PCB-127L											
337.9207	39:17	39:18	-1		3082809	577069	1734	4335	333		
339.9178	39:17	39:18	-1		1954162	363296	1398	3495	260	1.58(1.32-1.78)	
PCB-126L											
337.9207	40:53	40:53	-1	1.291	2863326	509088	1734	4335	294		
339.9178	40:53	40:53	-1	1.291	1859394	339088	1398	3495	243	1.54(1.32-1.78)	
PCB-104											
325.8804	25:47	25:46	-1	1.000	24398303	4986165	159	397	31360		
327.8775	25:47	25:46	-1	1.000	15323060	3137139	43	107	72957	1.59(1.32-1.78)	
PCB-96											
325.8804	26:11						159	397			
327.8775	26:11						43	107			
PCB-103											
325.8804	28:06						159	397			
327.8775	28:06						43	107			
PCB-94											
325.8804	28:19						159	397			
327.8775	28:19						43	107			
PCB-95											
325.8804	28:46						159	397			
327.8775	28:46						43	107			
PCB-93											
325.8804	28:59						159	397			
327.8775	28:59						43	107			
PCB-100 (C93)											
325.8804	28:59						159	397			
327.8775	28:59						43	107			
PCB-98											
325.8804	29:08						159	397			
327.8775	29:08						43	107			
PCB-102 (C98)											
325.8804	29:08						159	397			
327.8775	29:08						43	107			
PCB-88											
325.8804	29:38						159	397			
327.8775	29:38						43	107			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-91 (C88)											
325.8804	29:38						159	397			
327.8775	29:38						43	107			
PCB-84											
325.8804	29:51						159	397			
327.8775	29:51						43	107			
PCB-89											
325.8804	30:20						159	397			
327.8775	30:20						43	107			
PCB-121											
325.8804	30:44	30:44	0	1.193	7789258	1496601	159	397	9413		
327.8775	30:44	30:44	0	1.193	4919966	926489	43	107	21546	1.58(1.32-1.78)	
PCB-92											
325.8804	31:08						159	397			
327.8775	31:08						43	107			
PCB-90											
325.8804	31:40						159	397			
327.8775	31:40						43	107			
PCB-101 (C90)											
325.8804	31:40						159	397			
327.8775	31:40						43	107			
PCB-113 (C90)											
325.8804	31:40						159	397			
327.8775	31:40						43	107			
PCB-83											
325.8804	32:16						159	397			
327.8775	32:16						43	107			
PCB-99 (C83)											
325.8804	32:16						159	397			
327.8775	32:16						43	107			
PCB-112											
325.8804	32:24						159	397			
327.8775	32:24						43	107			
PCB-86											
325.8804	32:46						159	397			
327.8775	32:46						43	107			
PCB-87 (C86)											
325.8804	32:46						159	397			
327.8775	32:46						43	107			
PCB-97 (C86)											
325.8804	32:46						159	397			
327.8775	32:46						43	107			
PCB-109 (C86)											
325.8804	32:46						159	397			
327.8775	32:46						43	107			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-119 (C86)											
325.8804	32:46						159	397			
327.8775	32:46						43	107			
PCB-125 (C86)											
325.8804	32:46						159	397			
327.8775	32:46						43	107			
PCB-85											
325.8804	33:29						159	397			
327.8775	33:29						43	107			
PCB-116 (C85)											
325.8804	33:29						159	397			
327.8775	33:29						43	107			
PCB-117 (C85)											
325.8804	33:29						159	397			
327.8775	33:29						43	107			
PCB-110											
325.8804	33:44						159	397			
327.8775	33:44						43	107			
PCB-115 (C110)											
325.8804	33:44						159	397			
327.8775	33:44						43	107			
PCB-82											
325.8804	33:59						159	397			
327.8775	33:59						43	107			
PCB-111											
325.8804	34:23						159	397			
327.8775	34:23						43	107			
PCB-120											
325.8804	34:51						159	397			
327.8775	34:51						43	107			
PCB-108											
325.8804	35:59						181	452			
327.8775	35:59						123	307			
PCB-124 (C108)											
325.8804	35:59						181	452			
327.8775	35:59						123	307			
PCB-107											
325.8804	36:13						181	452			
327.8775	36:13						123	307			
PCB-123											
325.8804	36:21						181	452			
327.8775	36:21						123	307			
PCB-106											M
325.8804	36:28	36:28	0	1.004	282666	52591	181	452	291		M
327.8775	36:28	36:28	0	1.004	183421	33369	123	307	271	1.54(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-118											RQMa
325.8804	36:36	36:35	-5	0.999	2467	812	181	452	4		M
327.8775	36:35	36:35	-5	0.999	4379	874	123	307	7	0.56(1.32-1.78)	M
	Empc Correction				1591	523	123	307	4		
PCB-122											
325.8804	37:00						181	452			
327.8775	37:00						123	307			
PCB-114											
325.8804	37:11						181	452			
327.8775	37:11						123	307			
PCB-105											
325.8804	37:50						181	452			
327.8775	37:50						123	307			
PCB-127											
325.8804	39:19						181	452			
327.8775	39:19						123	307			
PCB-126											
325.8804	40:55						181	452			
327.8775	40:55						123	307			
PCB-155L											
371.8817	31:26	31:26	-1	0.791	1936766	378060	43	107	8792		
373.8788	31:26	31:26	-1	0.791	1526890	291404	37	92	7876	1.27(1.05-1.43)	
PCB-138L											
371.8817	39:45	39:46	-1		2227069	415888	1062	2655	392		
373.8788	39:45	39:46	-1		1750379	329946	495	1237	667	1.27(1.05-1.43)	
PCB-167L											
371.8817	42:45	42:45	-1	1.076	2629433	497189	1062	2655	468		
373.8788	42:45	42:45	-1	1.076	2062127	395004	495	1237	798	1.28(1.05-1.43)	
PCB-156L											
371.8817	43:55	43:55	-1	1.105	5132113	687685	1062	2655	648		
373.8788	43:55	43:55	-1	1.105	4018337	538677	495	1237	1088	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:55	43:55	-1	1.105	5132113	687685	1062	2655	648		
373.8788	43:55	43:55	-1	1.105	4018337	538677	495	1237	1088	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:09	47:09	-1	1.186	2603756	460643	1062	2655	434		
373.8788	47:09	47:09	-1	1.186	2036613	357448	495	1237	722	1.28(1.05-1.43)	
PCB-155											M
359.8415	31:28	31:28	0	1.001	5510035	1059873	34	85	31173		M
361.8385	31:27	31:28	-1	1.001	4325600	832150	19	47	43797	1.27(1.05-1.43)	
PCB-152											RQMa
359.8415	31:39	31:39	-1	1.007	17846	4365	34	85	128		M
	Empc Correction				14715	4569	34	85	134		
361.8385	31:40	31:39	0	1.007	11867	3685	19	47	194	1.50(1.05-1.43)	
PCB-150											
359.8415	31:49						34	85			
361.8385	31:49						19	47			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-136											
359.8415	32:11						34	85			
361.8385	32:11						19	47			
PCB-145											
359.8415	32:29						34	85			
361.8385	32:29						19	47			
PCB-148											
359.8415	33:59						34	85			
361.8385	33:59						19	47			
PCB-135											
359.8415	34:37						34	85			
361.8385	34:37						19	47			
PCB-151 (C135)											
359.8415	34:37						34	85			
361.8385	34:37						19	47			
PCB-154											RQ
359.8415	34:50	34:50	-1	1.108	9243	1608	34	85	47		
361.8385	34:51	34:50	0	1.109	9426	1844	19	47	97	0.98(1.05-1.43)	
	Empc Correction				7454	1296	19	47	68		
PCB-144											
359.8415	35:09						34	85			
361.8385	35:09						19	47			
PCB-147											
359.8415	35:30						112	280			
361.8385	35:30						109	272			
PCB-149 (C147)											
359.8415	35:30						112	280			
361.8385	35:30						109	272			
PCB-134											
359.8415	35:48						112	280			
361.8385	35:48						109	272			
PCB-143 (C134)											
359.8415	35:48						112	280			
361.8385	35:48						109	272			
PCB-139											
359.8415	36:06						112	280			
361.8385	36:06						109	272			
PCB-140 (C139)											
359.8415	36:06						112	280			
361.8385	36:06						109	272			
PCB-131											
359.8415	36:18						112	280			
361.8385	36:18						109	272			
PCB-142											
359.8415	36:28	36:27	-1	1.160	3893066	733814	112	280	6552		
361.8385	36:28	36:27	-1	1.160	3077125	574792	109	272	5273	1.27(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-132											
359.8415	36:46						112	280			
361.8385	36:46						109	272			
PCB-133											
359.8415	37:16						112	280			
361.8385	37:16						109	272			
PCB-165											M
359.8415	37:40	37:40	-1	0.881	40714	7148	112	280	64		M
361.8385	37:41	37:40	0	0.881	35367	6423	109	272	59	1.15(1.05-1.43)	
PCB-146											
359.8415	37:55						112	280			
361.8385	37:55						109	272			
PCB-161											
359.8415	38:03	38:03	-1	0.890	254556	46870	112	280	418		
361.8385	38:03	38:03	-1	0.890	205228	38033	109	272	349	1.24(1.05-1.43)	
PCB-153											
359.8415	38:33						112	280			
361.8385	38:33						109	272			
PCB-168 (C153)											
359.8415	38:33						112	280			
361.8385	38:33						109	272			
PCB-141											
359.8415	38:43						112	280			
361.8385	38:43						109	272			
PCB-130											
359.8415	39:09						112	280			
361.8385	39:09						109	272			
PCB-137											
359.8415	39:21						112	280			
361.8385	39:21						109	272			
PCB-164											
359.8415	39:28						112	280			
361.8385	39:28						109	272			
PCB-129											
359.8415	39:47						112	280			
361.8385	39:47						109	272			
PCB-138 (C129)											
359.8415	39:47						112	280			
361.8385	39:47						109	272			
PCB-160 (C129)											
359.8415	39:47						112	280			
361.8385	39:47						109	272			
PCB-163 (C129)											
359.8415	39:47						112	280			
361.8385	39:47						109	272			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-158											
359.8415	40:10						112	280			
361.8385	40:10						109	272			
PCB-128											
359.8415	41:00						112	280			
361.8385	41:00						109	272			
PCB-166 (C128)											
359.8415	41:00						112	280			
361.8385	41:00						109	272			
PCB-159											
359.8415	42:02	42:02	0	0.983	43805	9132	112	280	82		
361.8385	42:00	42:02	-2	0.982	39788	6486	109	272	60	1.10(1.05-1.43)	
PCB-162											
359.8415	42:18						112	280			
361.8385	42:18						109	272			
PCB-167											
359.8415	42:46						112	280			
361.8385	42:46						109	272			
PCB-156											
359.8415	43:55						112	280			
361.8385	43:55						109	272			
PCB-157 (C156)											
359.8415	43:55						112	280			
361.8385	43:55						109	272			
PCB-169											
359.8415	47:10						112	280			
361.8385	47:10						109	272			
PCB-188L											
405.8428	37:10	37:10	-1	0.820	2024073	383002	24	60	15958		
407.8398	37:10	37:10	-1	0.820	1925633	368081	6	15	61347	1.05(0.89-1.21)	
PCB-178L											
405.8428	40:14						24	60			
407.8398	40:14						6	15			
PCB-180L											
405.8428	45:18	45:18	0		1742084	332640	24	60	13860		
407.8398	45:18	45:18	0		1599823	296167	6	15	49361	1.09(0.89-1.21)	
PCB-170L											
405.8428	46:33	46:34	-1	1.028	1289933	240771	24	60	10032		
407.8398	46:33	46:34	-1	1.028	1201797	223448	6	15	37241	1.07(0.89-1.21)	
PCB-189L											
405.8428	49:40	49:41	0	1.096	2703745	475044	1774	4435	268		
407.8398	49:40	49:41	0	1.096	2546857	450577	1897	4742	238	1.06(0.89-1.21)	
PCB-188											
393.8025	37:11						29	72			
395.7995	37:11						46	115			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-179											
393.8025	37:32						29	72			
395.7995	37:32						46	115			
PCB-184											
393.8025	38:03	38:02	0	1.024	9367929	1738555	29	72	59950		
395.7995	38:03	38:02	0	1.024	8885789	1652220	46	115	35918	1.05(0.89-1.21)	
PCB-176											
393.8025	38:24						29	72			
395.7995	38:24						46	115			
PCB-186											
393.8025	38:51						29	72			
395.7995	38:51						46	115			
PCB-178											
393.8025	40:15						29	72			
395.7995	40:15						46	115			
PCB-175											
393.8025	40:52						29	72			
395.7995	40:52						46	115			
PCB-187											
393.8025	41:08						29	72			
395.7995	41:08						46	115			
PCB-182											
393.8025	41:20						29	72			
395.7995	41:20						46	115			
PCB-183											
393.8025	41:45						29	72			
395.7995	41:45						46	115			
PCB-185 (C183)											
393.8025	41:45						29	72			
395.7995	41:45						46	115			
PCB-174											
393.8025	41:59						29	72			
395.7995	41:59						46	115			
PCB-177											
393.8025	42:25						29	72			
395.7995	42:25						46	115			
PCB-181											
393.8025	42:48						29	72			
395.7995	42:48						46	115			
PCB-171											
393.8025	43:02						29	72			
395.7995	43:02						46	115			
PCB-173 (C171)											
393.8025	43:02						29	72			
395.7995	43:02						46	115			

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-172											
393.8025	44:41						29	72			
395.7995	44:41						46	115			
PCB-192											
393.8025	44:57	44:58	-1	0.905	29785414	5633430	29	72	194256		
395.7995	44:57	44:58	-1	0.905	28149386	5370847	46	115	116758	1.06(0.89-1.21)	
PCB-180											
393.8025	45:18						29	72			
395.7995	45:18						46	115			
PCB-193 (C180)											
393.8025	45:18						29	72			
395.7995	45:18						46	115			
PCB-191											
393.8025	45:41						29	72			
395.7995	45:41						46	115			
PCB-170											
393.8025	46:35						29	72			
395.7995	46:35						46	115			
PCB-190											
393.8025	47:06						29	72			
395.7995	47:06						46	115			
PCB-189											
393.8025	49:42						61	152			
395.7995	49:42						92	230			
PCB-202L											
439.8038	42:32	42:32	0	0.821	1537566	292147	15	37	19476		
441.8008	42:32	42:32	0	0.821	1666564	313737	17	42	18455	0.92(0.76-1.02)	
PCB-194L											
439.8038	51:47	51:47	0		2069837	378269	1182	2955	320		
441.8008	51:47	51:47	0		2277500	427637	1182	2955	362	0.91(0.76-1.02)	
PCB-205L											
439.8038	52:15	52:15	0	1.009	2203694	396081	1182	2955	335		
441.8008	52:15	52:15	0	1.009	2459867	432696	1182	2955	366	0.90(0.76-1.02)	
PCB-202											
427.7635	42:33						40	100			
429.7606	42:33						12	30			
PCB-201											
427.7635	43:29						40	100			
429.7606	43:29						12	30			
PCB-204											
427.7635	44:09	44:09	0	1.038	12665103	2410597	40	100	60265		
429.7606	44:09	44:09	0	1.038	13910557	2658109	12	30	221509	0.91(0.76-1.02)	
PCB-197											M
427.7635	44:22	44:22	-1	1.043	120681	16673	40	100	417		M
429.7606	44:22	44:22	-1	1.043	126537	18465	12	30	1539	0.95(0.76-1.02)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-200											Ma
427.7635	44:33	44:33	3	1.047	19939	3327	40	100	83		M
429.7606	44:29	44:33	0	1.046	20265	3323	12	30	277	0.98(0.76-1.02)	
PCB-198											
427.7635	47:17						40	100			
429.7606	47:17						12	30			
PCB-199 (C198)											
427.7635	47:17						40	100			
429.7606	47:17						12	30			
PCB-196											
427.7635	47:57						40	100			
429.7606	47:57						12	30			
PCB-203											
427.7635	48:08						40	100			
429.7606	48:08						12	30			
PCB-195											
427.7635	49:28						52	130			
429.7606	49:28						47	117			
PCB-194											
427.7635	51:48						52	130			
429.7606	51:48						47	117			
PCB-205											RQM
427.7635	52:18	52:18	0	1.001	3583	919	52	130	18		M
	Empc Correction				2963	635	52	130	12		
429.7606	52:18	52:18	1	1.001	3330	714	47	117	15	1.08(0.76-1.02)	M
PCB-208L											
473.7648	49:12	49:13	-1	0.950	1900482	345155	1128	2820	306		
475.7619	49:12	49:13	-1	0.950	2361016	419802	1614	4035	260	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:00	54:00	0	1.043	1360766	231692	1128	2820	205		
475.7619	54:00	54:00	0	1.043	1663774	292581	1614	4035	181	0.82(0.65-0.89)	
PCB-208											
461.7246	49:13						33	82			
463.7216	49:13						207	517			
PCB-207											M
461.7246	50:10	50:10	1	1.020	59897	10188	33	82	309		M
463.7216	50:10	50:10	0	1.019	75206	13672	207	517	66	0.80(0.65-0.89)	
PCB-206											
461.7246	54:02						33	82			
463.7216	54:02						207	517			
PCB-209L											
507.7258	55:38	55:39	-1	1.075	1379537	230693	24	60	9612		
509.7229	55:38	55:39	-1	1.075	1906087	326066	68	170	4795	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											M
495.6856	55:39	55:40	-1	1.000	49149	9014	13	32	693		
497.6826	55:40	55:40	-1	1.000	64648	11278	16	40	705	0.76(0.59-0.79)	M

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

a - User Assigned ID

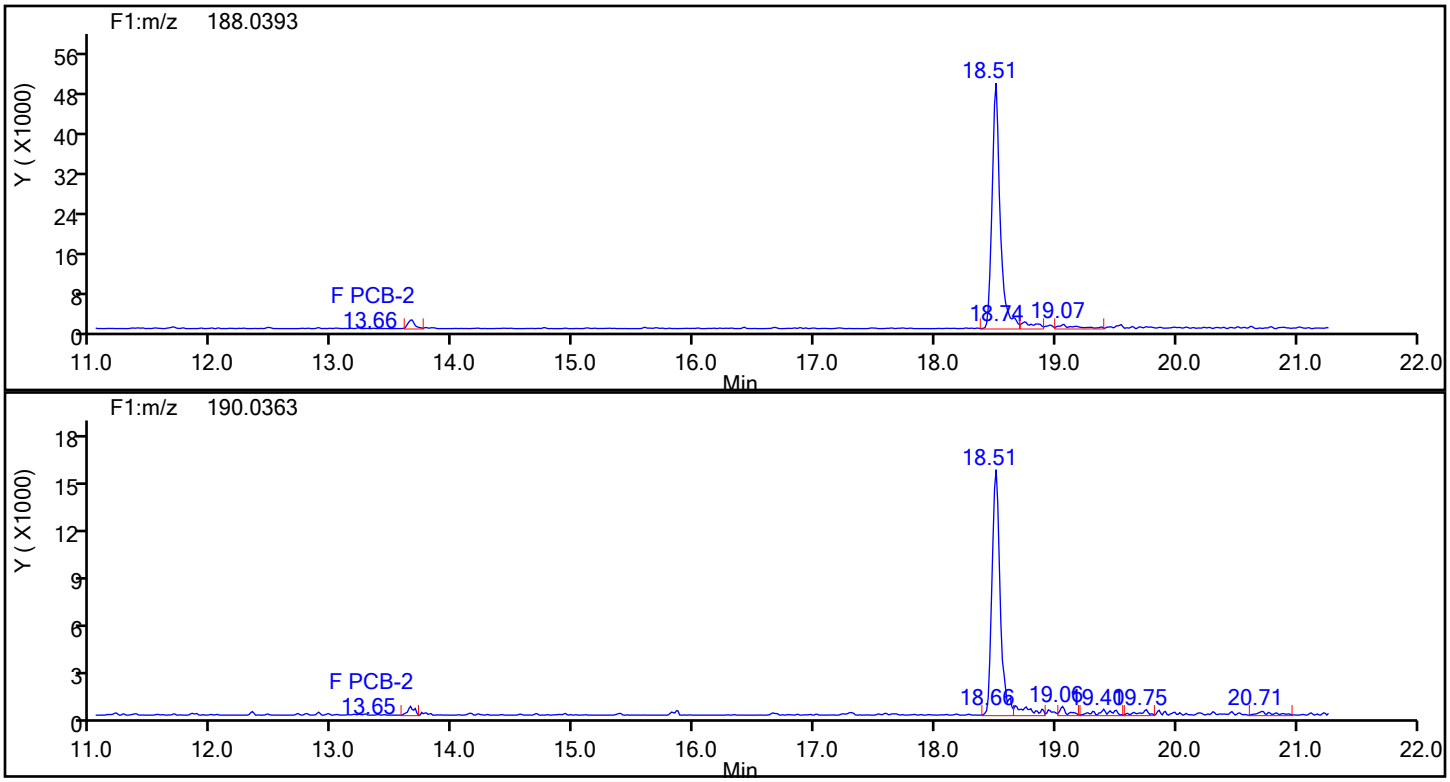
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

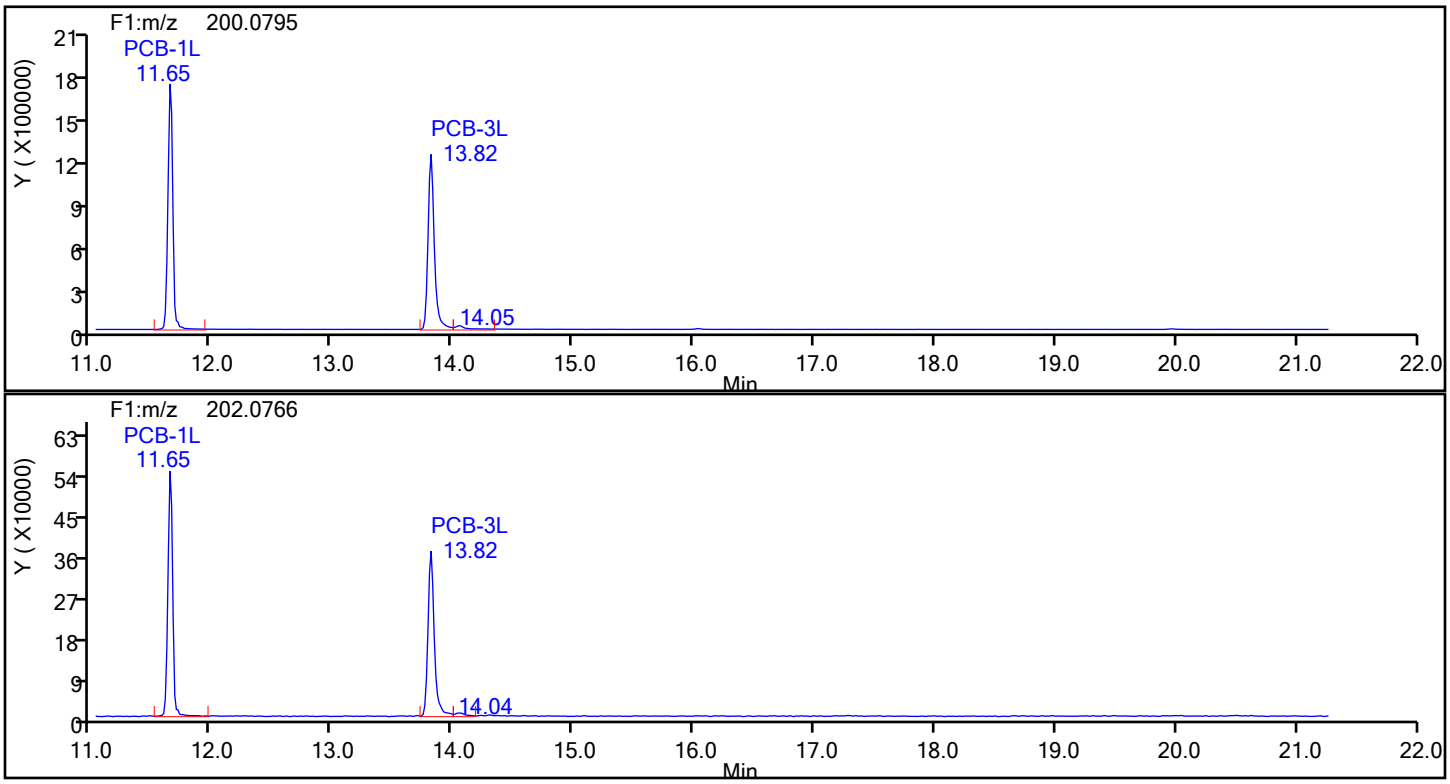
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

MoPCB F1



MoPCB F1 Standards

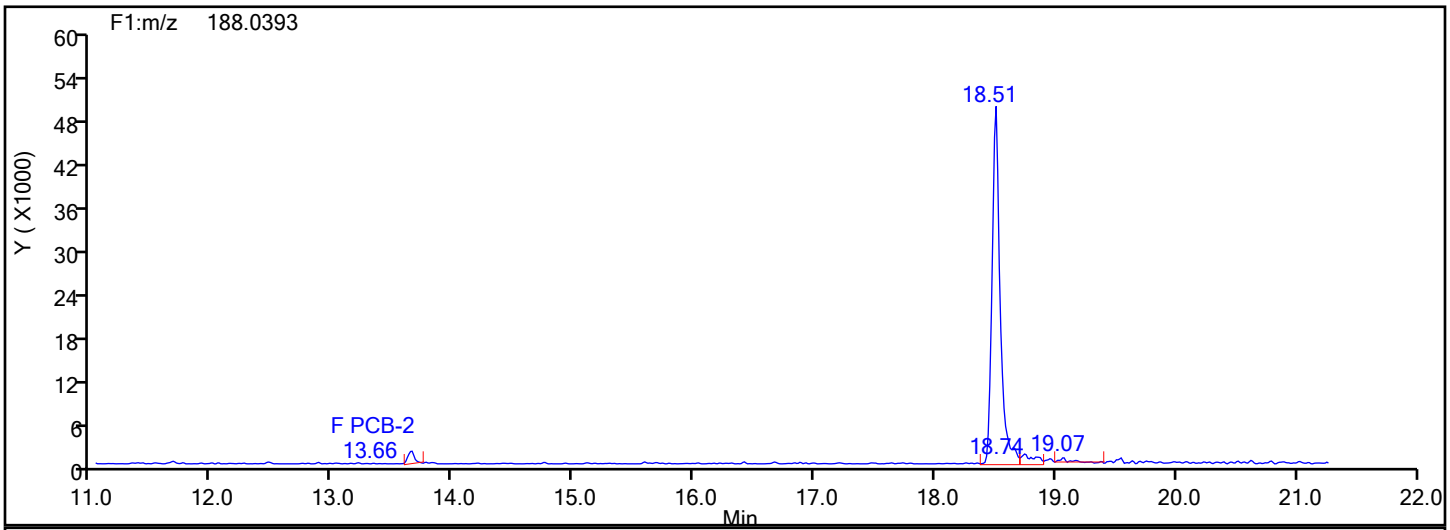


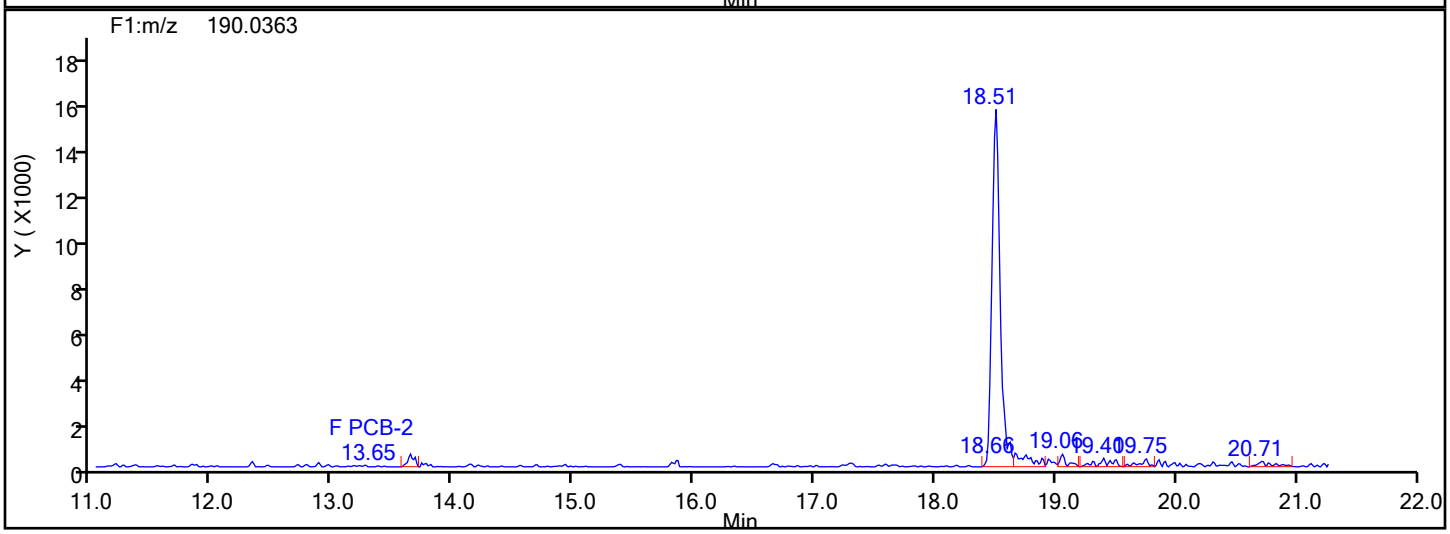
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

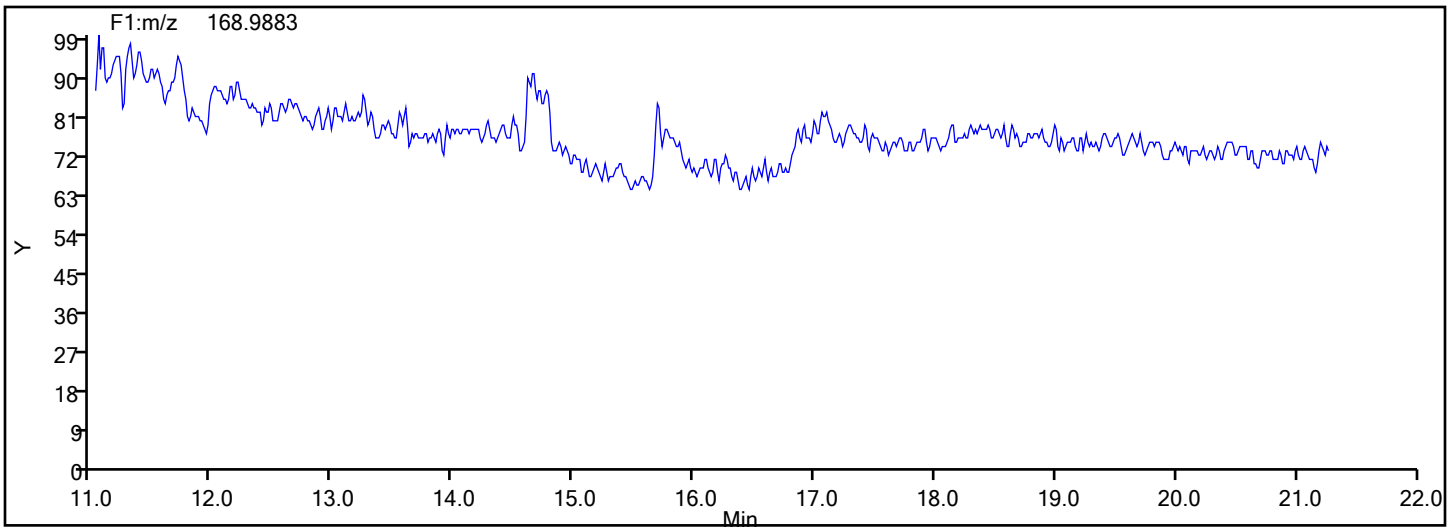
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



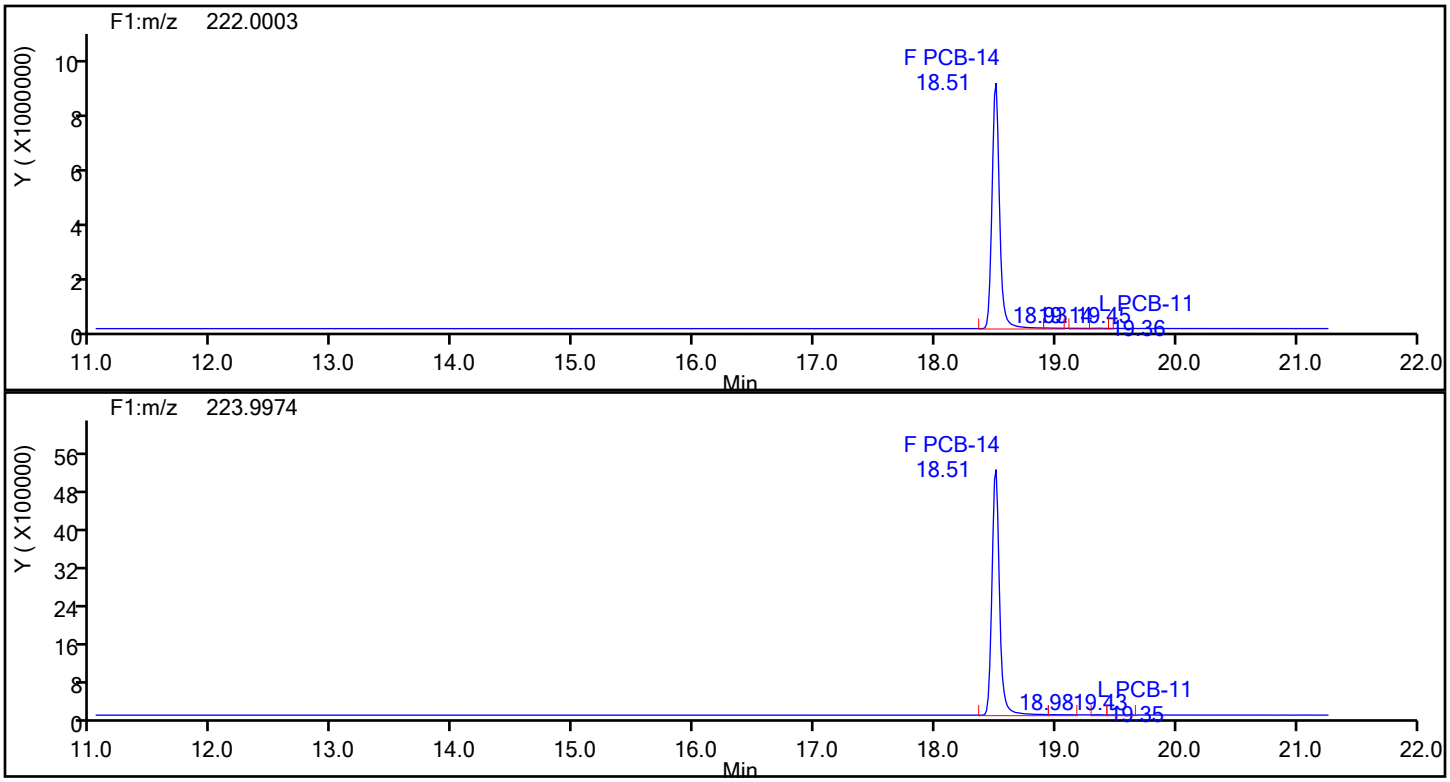
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

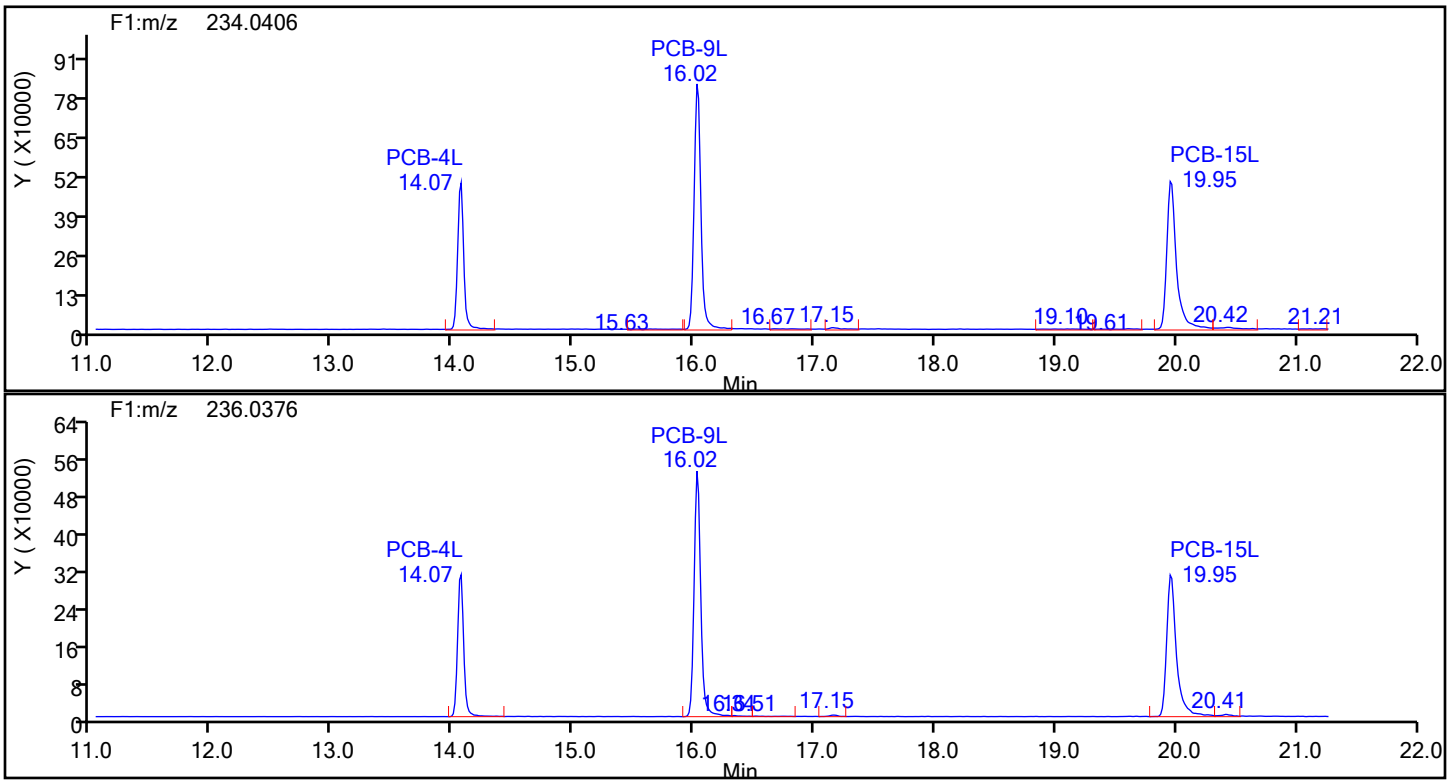
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards

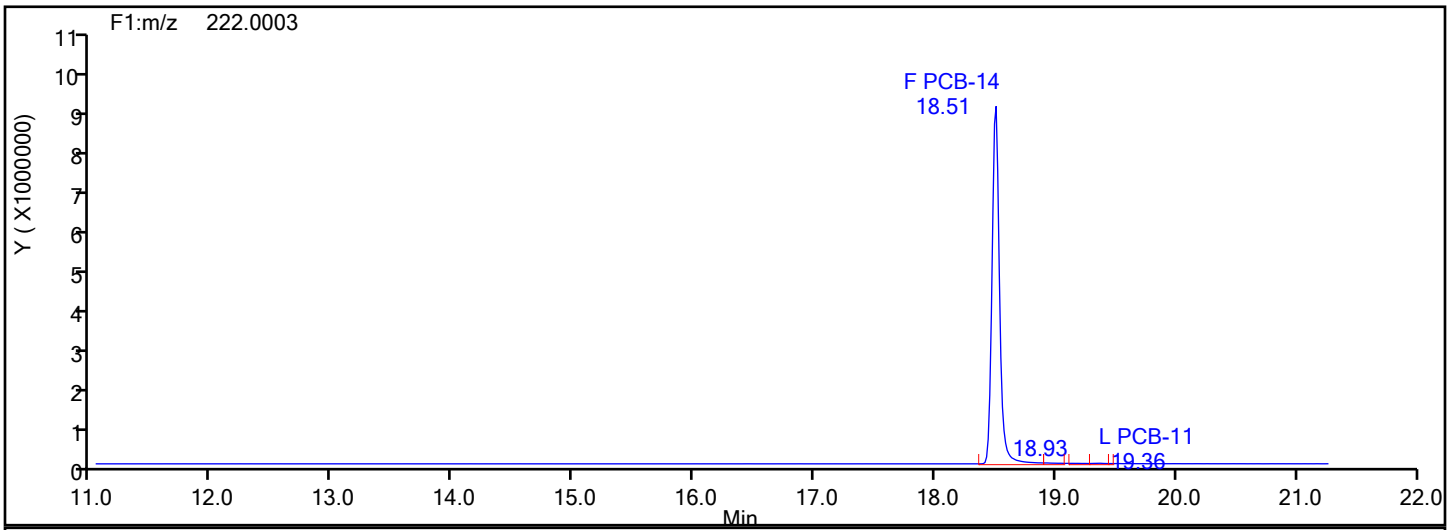


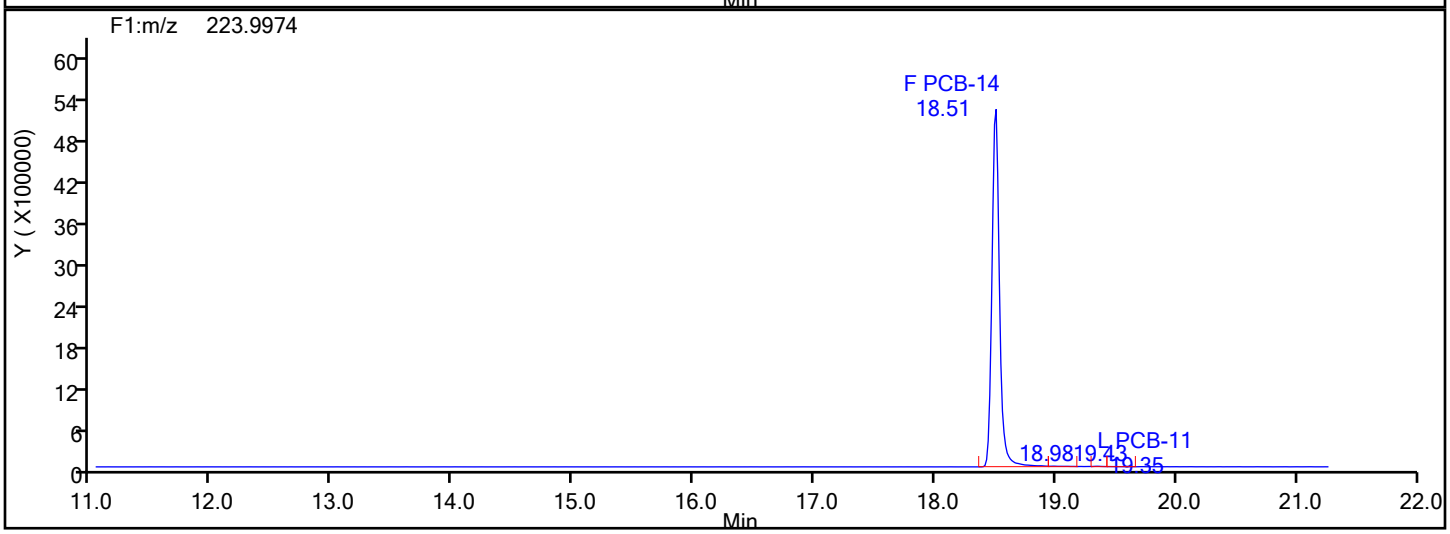
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

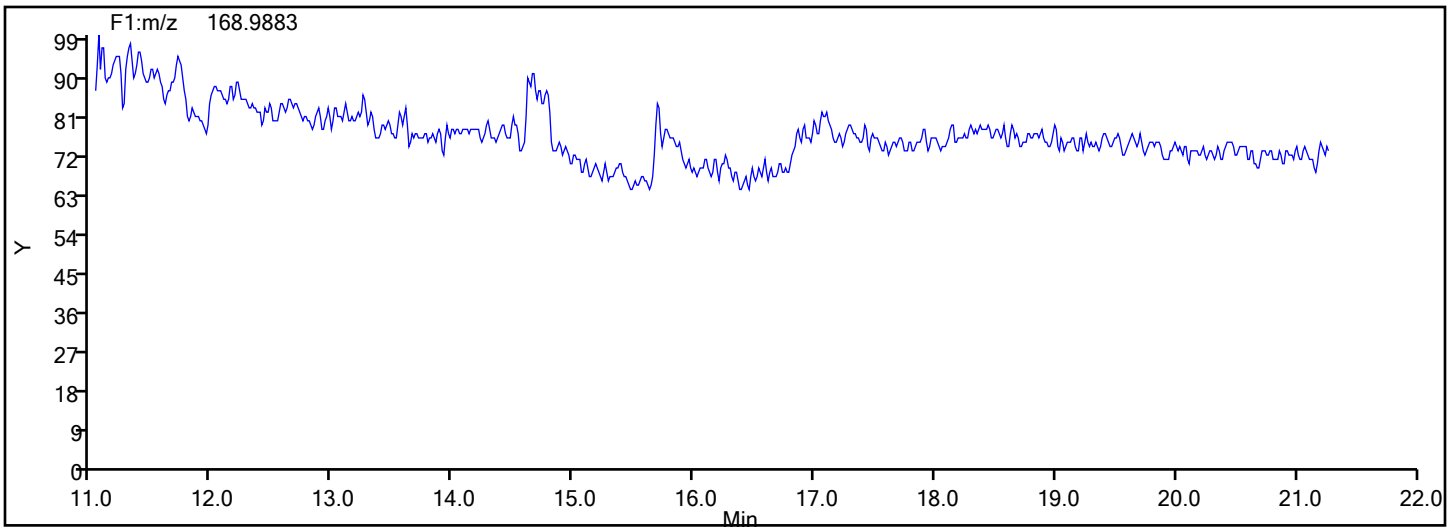
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

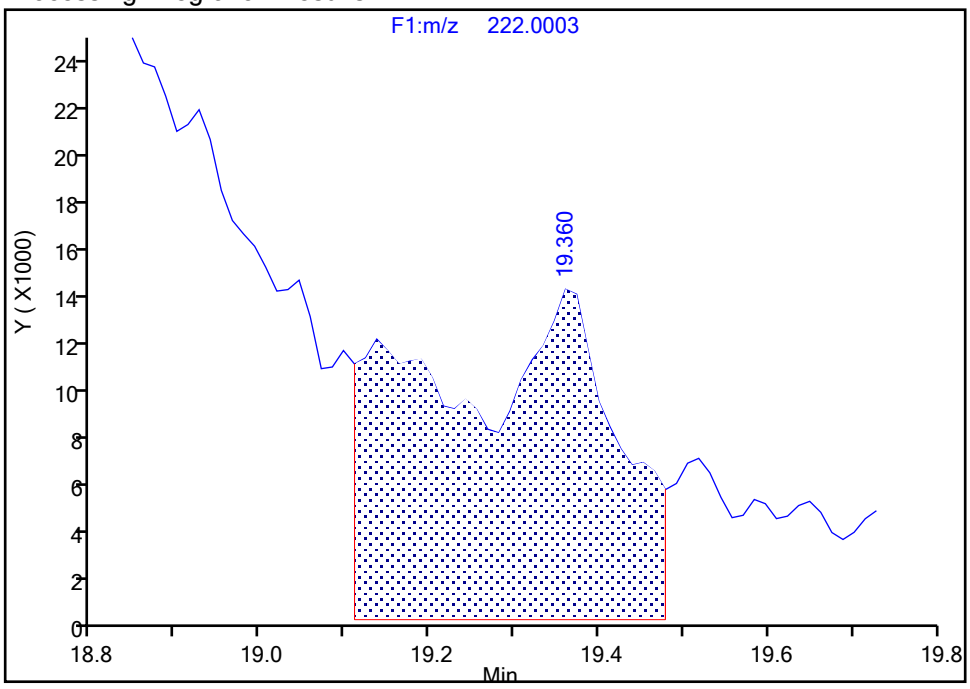
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 1

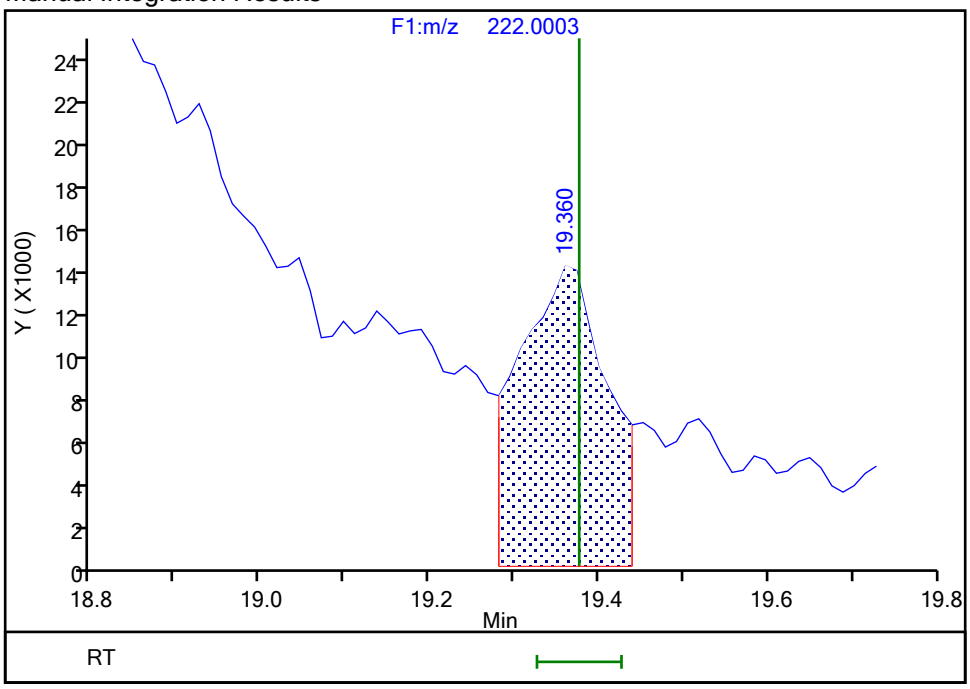
Processing Integration Results

RT: 19.36
Area: 210865
Amount: 5.907877
Amount Units: pg/ul



Manual Integration Results

RT: 19.36
Area: 95976
Amount: 2.821835
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:13:06 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

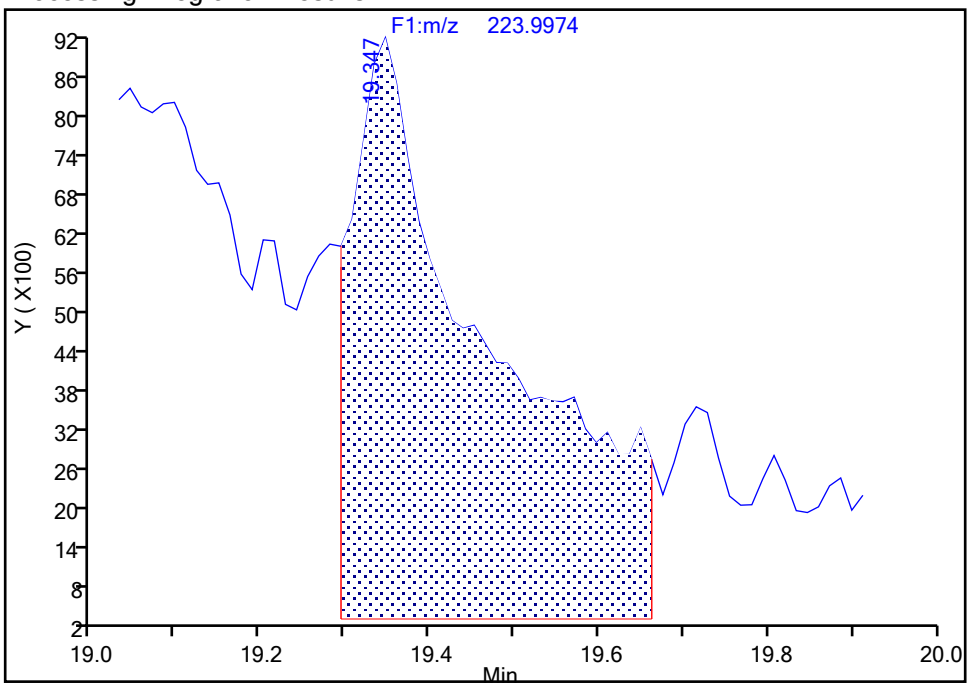
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 2

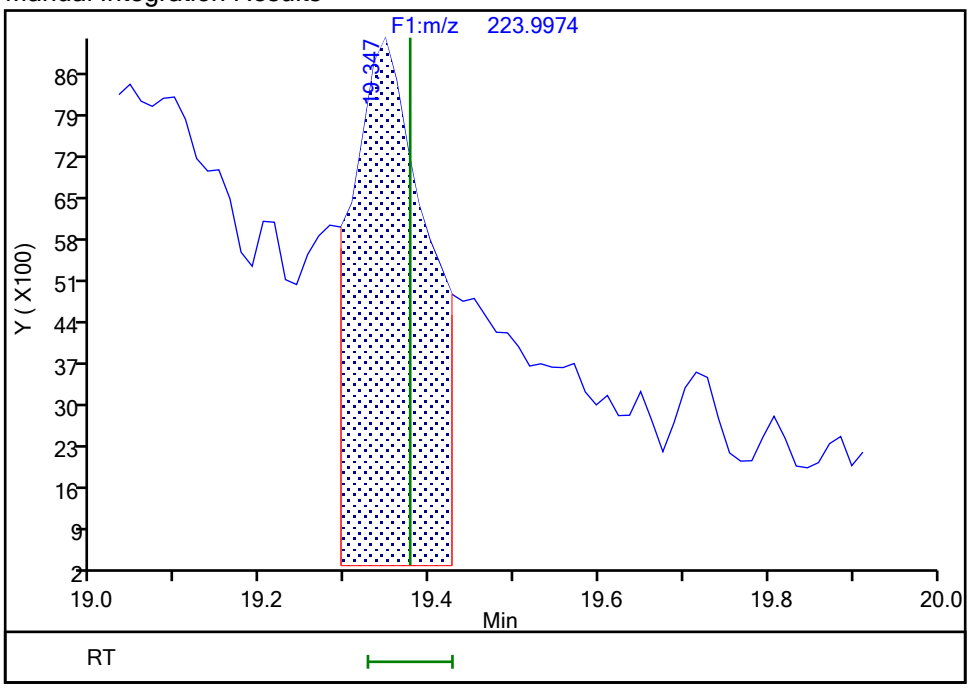
Processing Integration Results

RT: 19.35
Area: 101873
Amount: 5.907877
Amount Units: pg/ul



Manual Integration Results

RT: 19.35
Area: 53400
Amount: 2.821835
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:13:10 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

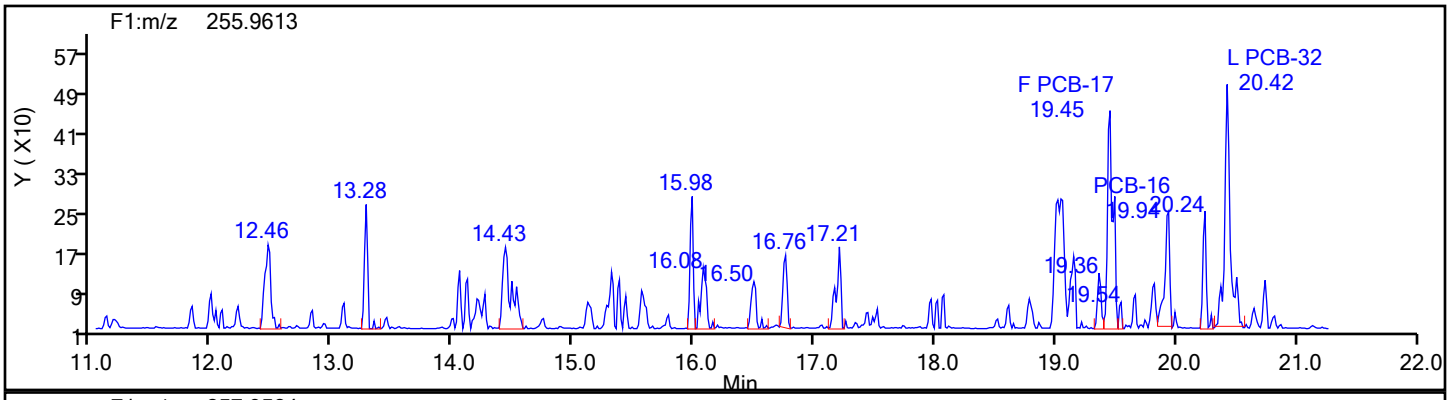
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

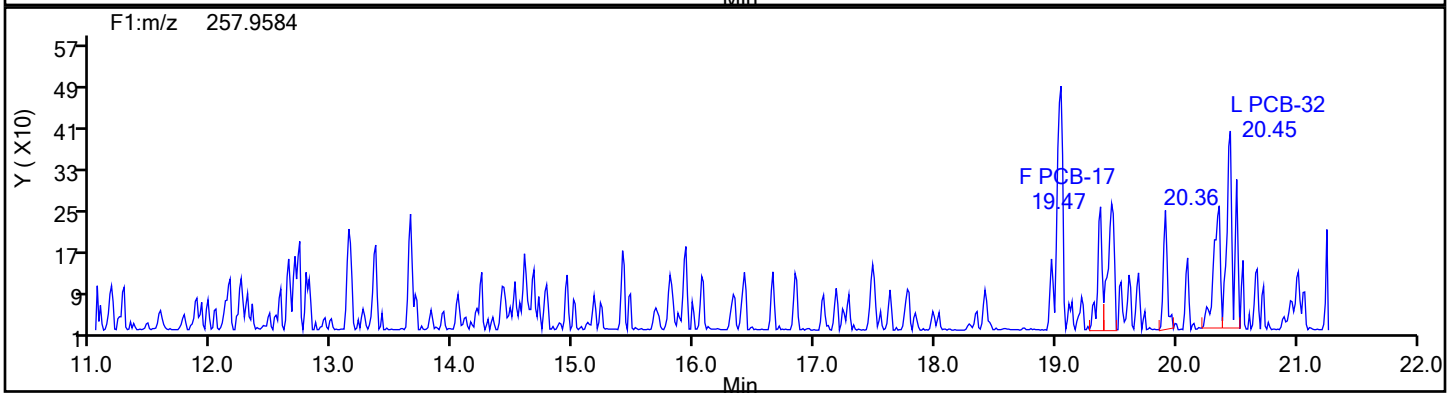
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

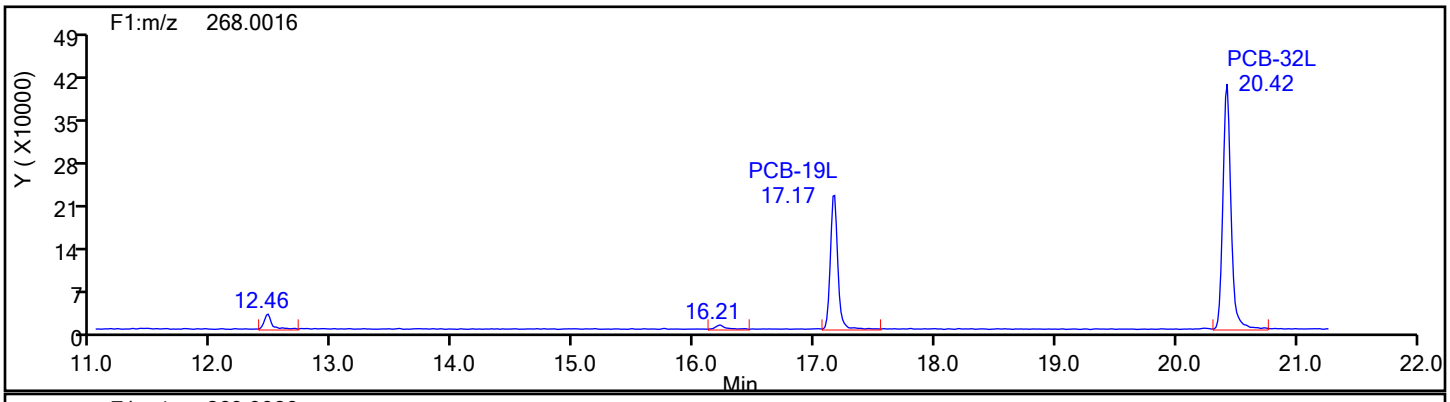
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

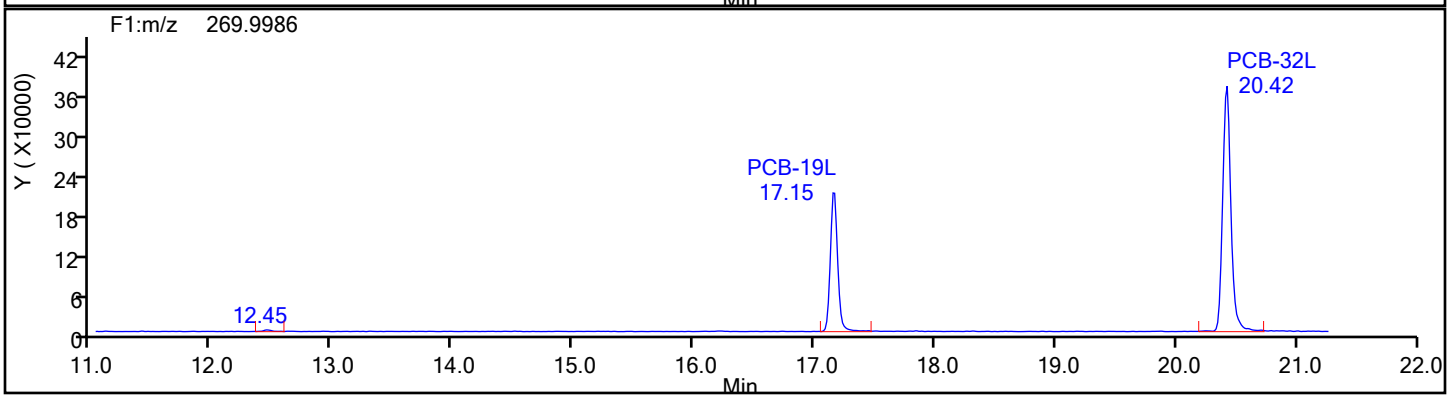
TriPCB F1





TriPCB F1 Standards



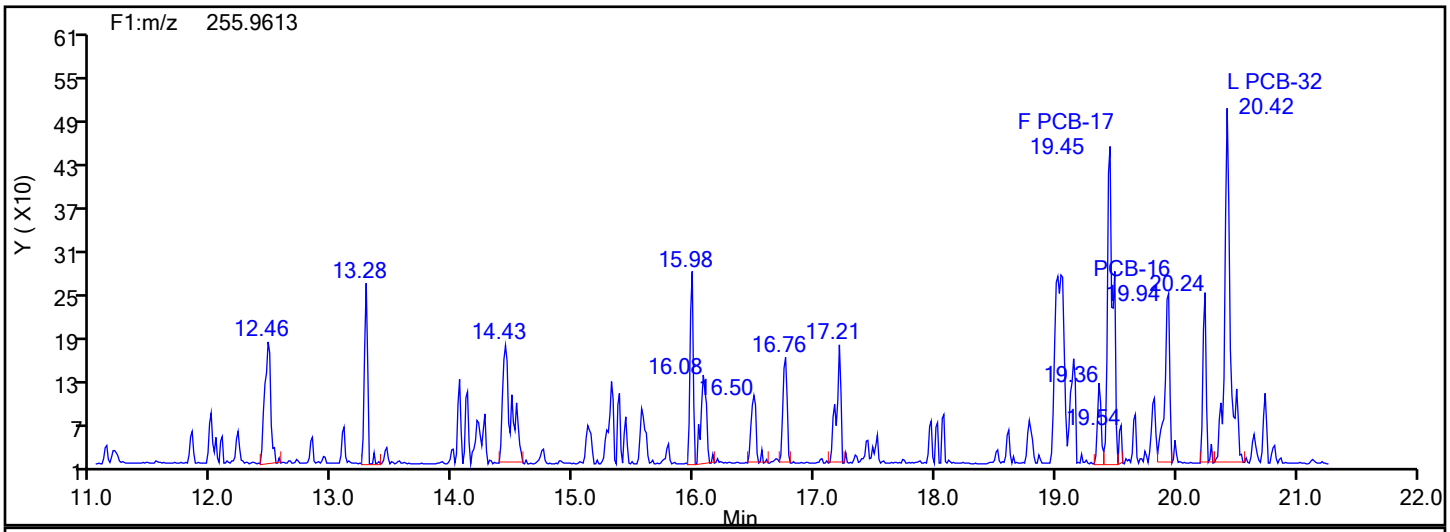


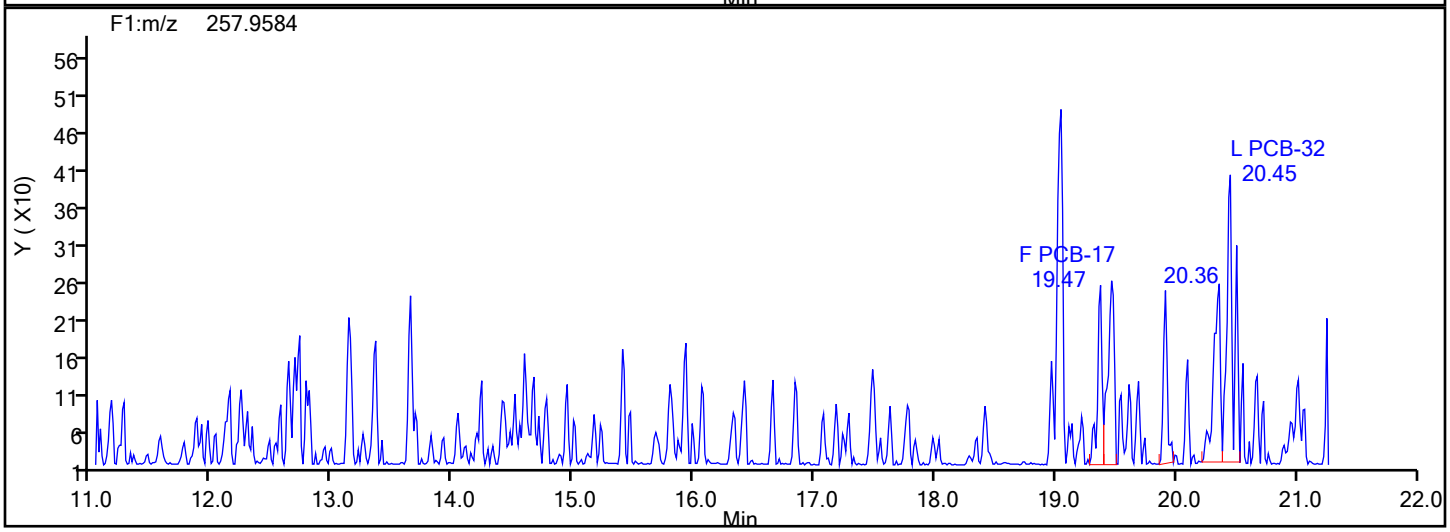
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

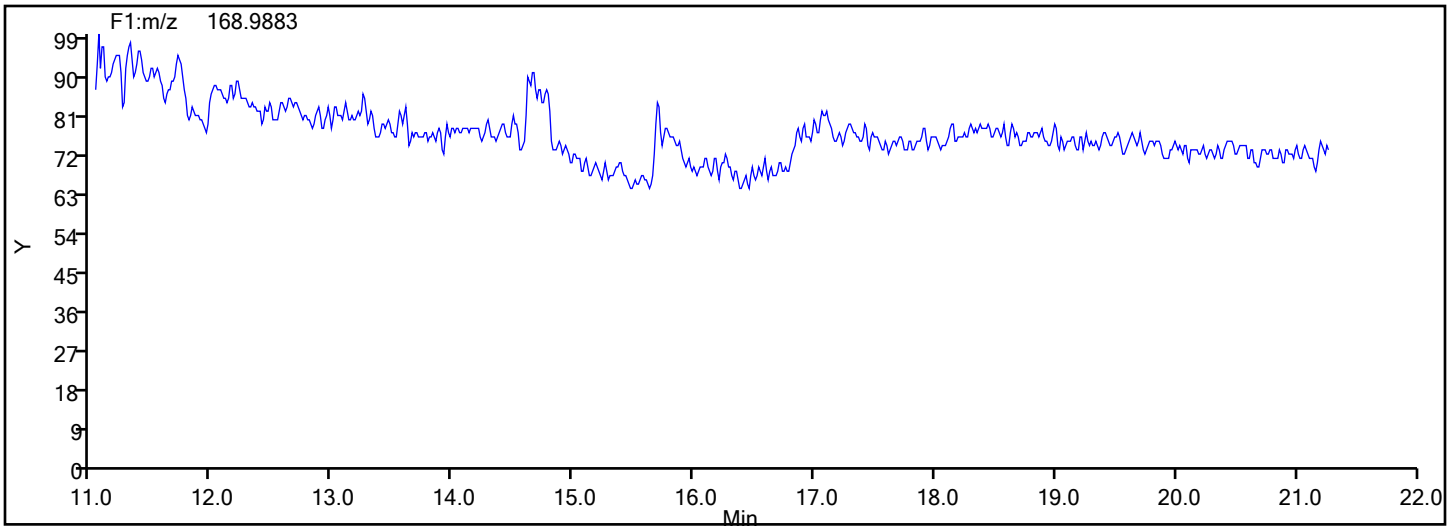
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

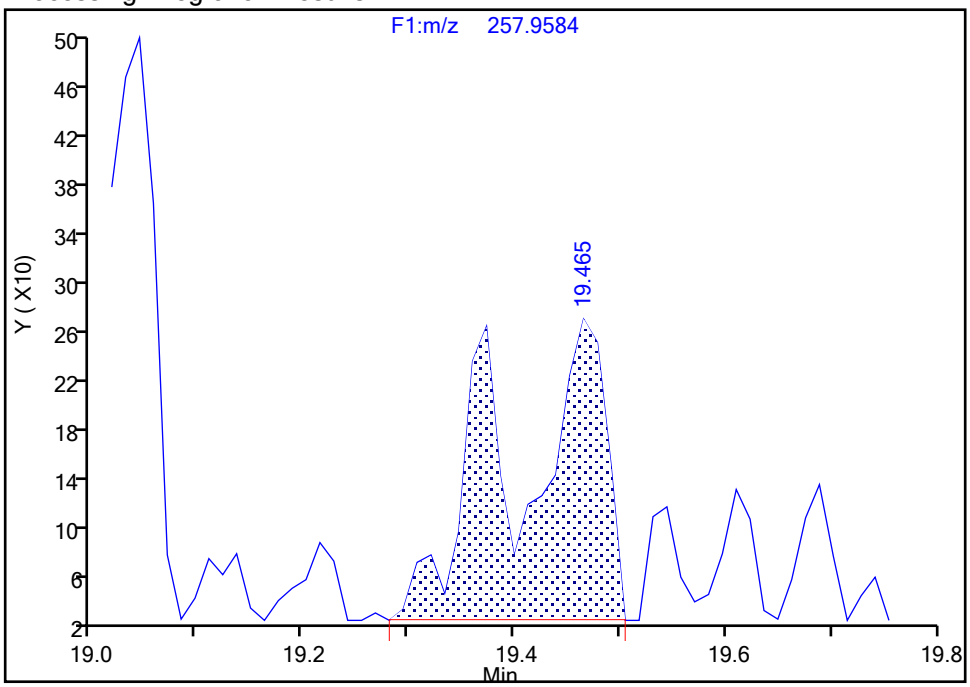
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-17, CAS: 37680-66-3

Signal: 2

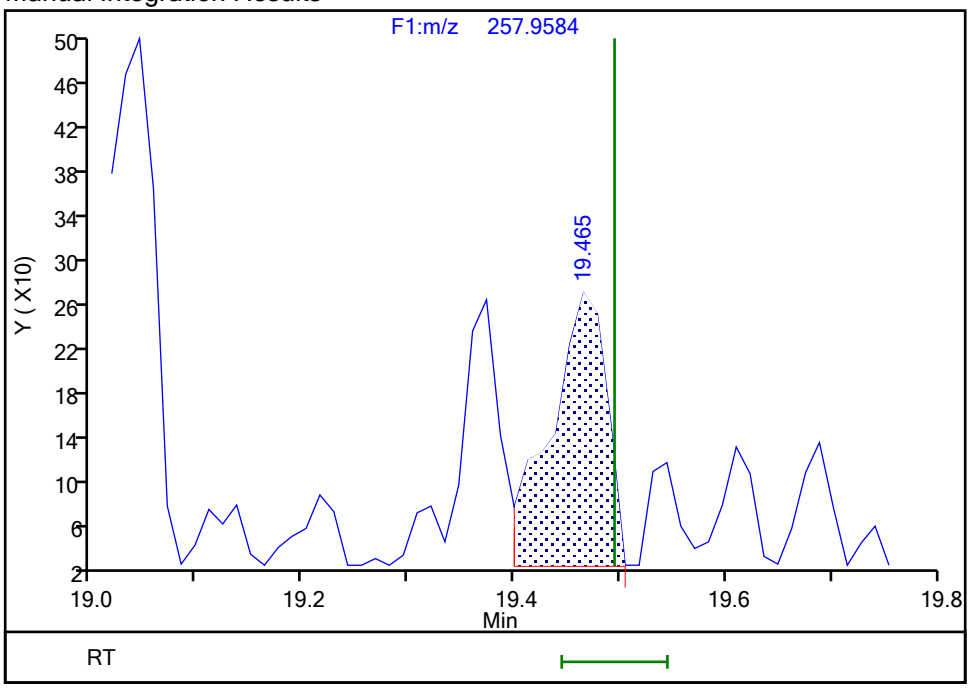
Processing Integration Results

RT: 19.47
Area: 1515
Amount: 0.144389
Amount Units: pg/ul



Manual Integration Results

RT: 19.47
Area: 890
Amount: 0.102353
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:13:37 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

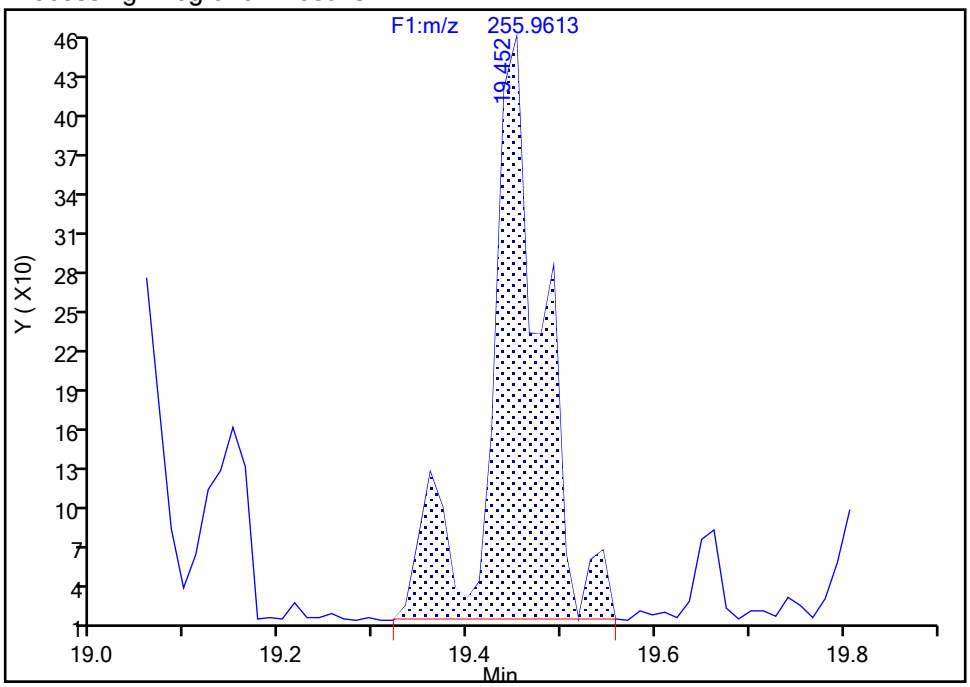
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-17, CAS: 37680-66-3

Signal: 1

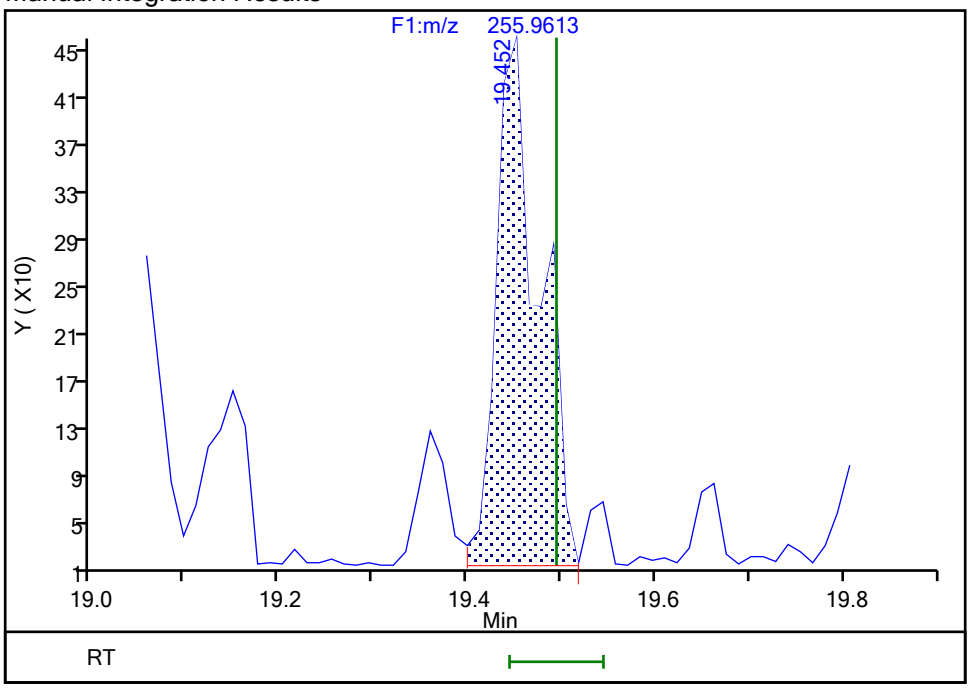
Processing Integration Results

RT: 19.45
Area: 1676
Amount: 0.144389
Amount Units: pg/ul



Manual Integration Results

RT: 19.45
Area: 1372
Amount: 0.102353
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:13:39 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

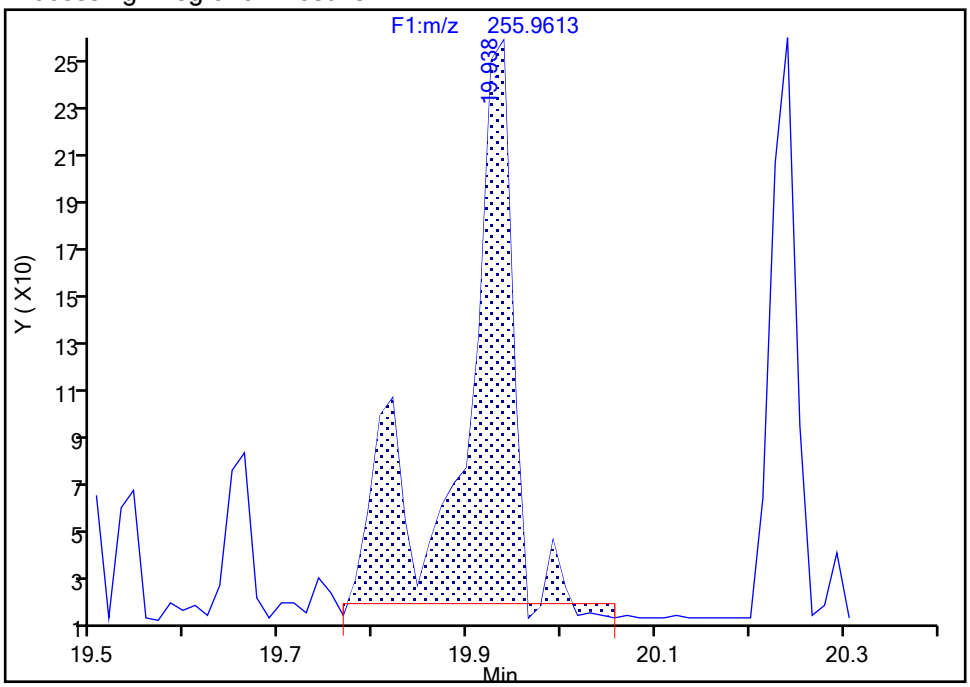
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-16, CAS: 38444-78-9

Signal: 1

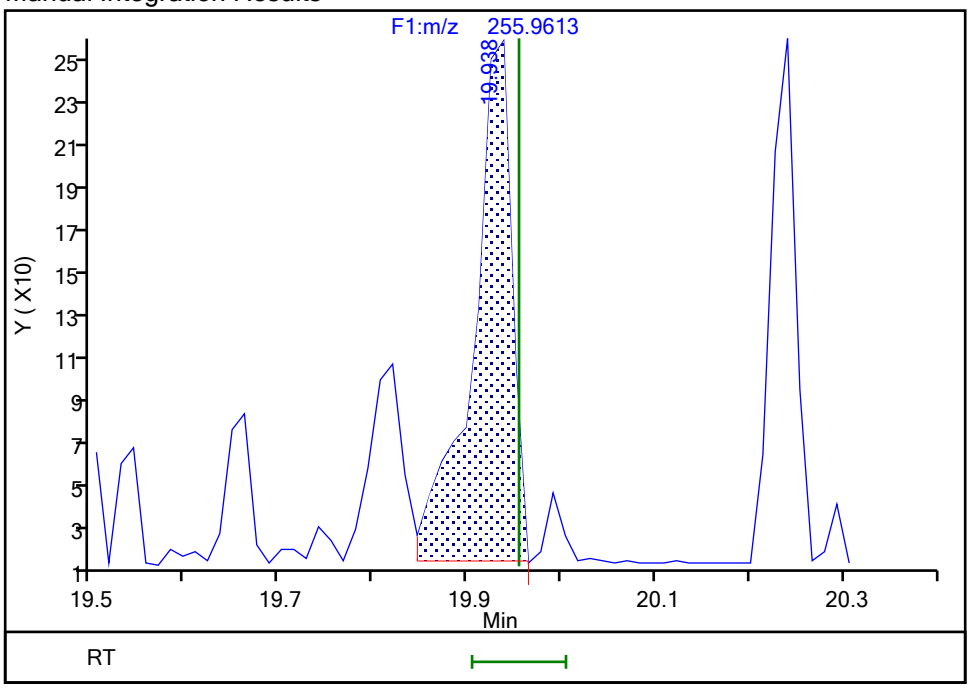
Processing Integration Results

RT: 19.94
Area: 820
Amount: 0.061699
Amount Units: pg/ul



Manual Integration Results

RT: 19.94
Area: 662
Amount: 0.054462
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:13:59 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

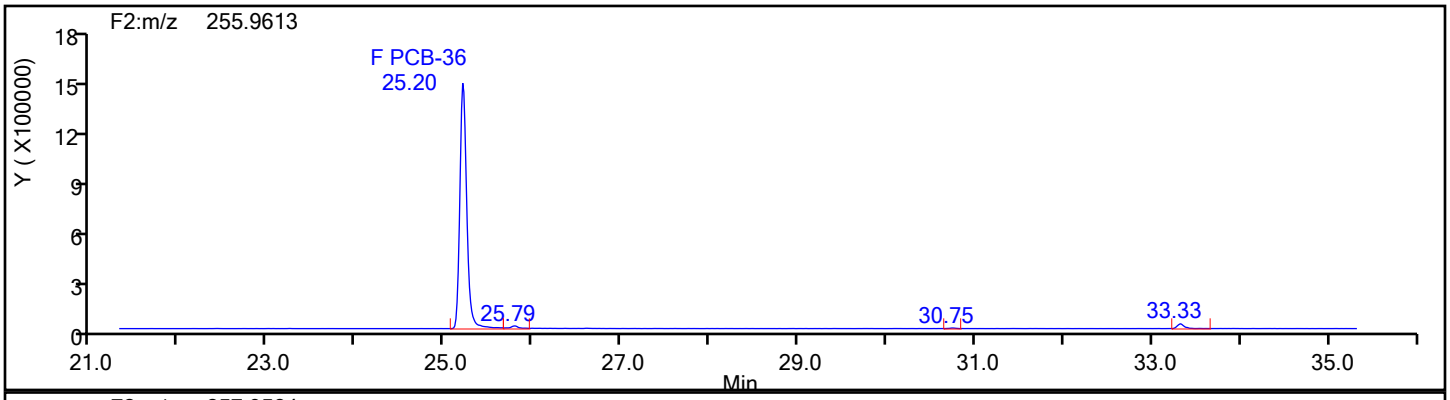
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

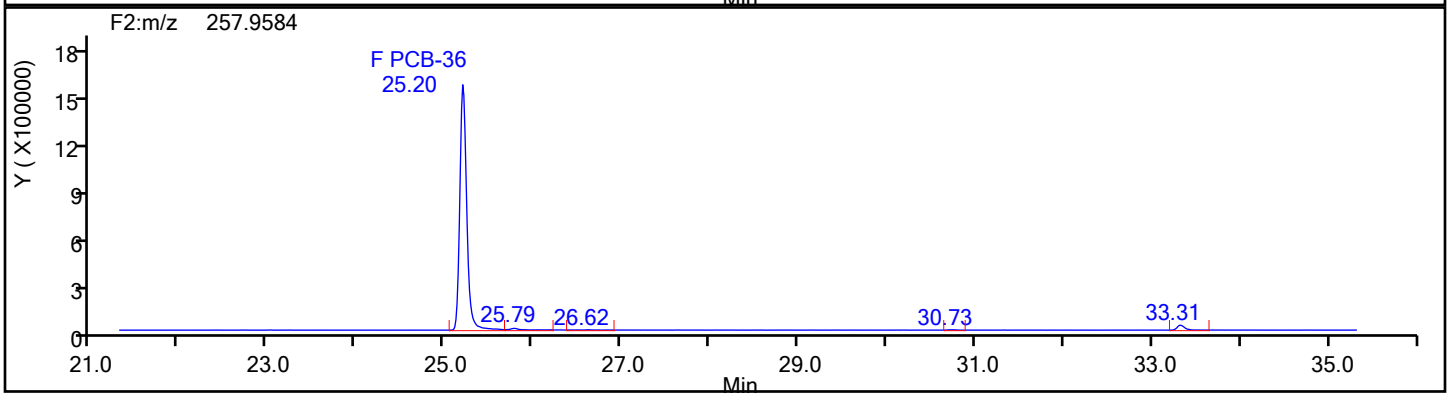
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

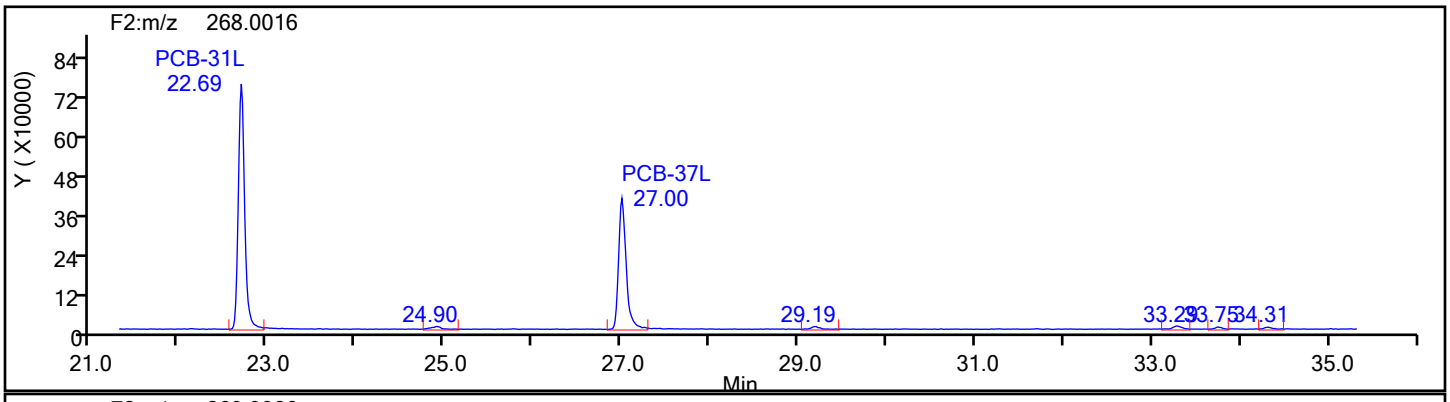
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

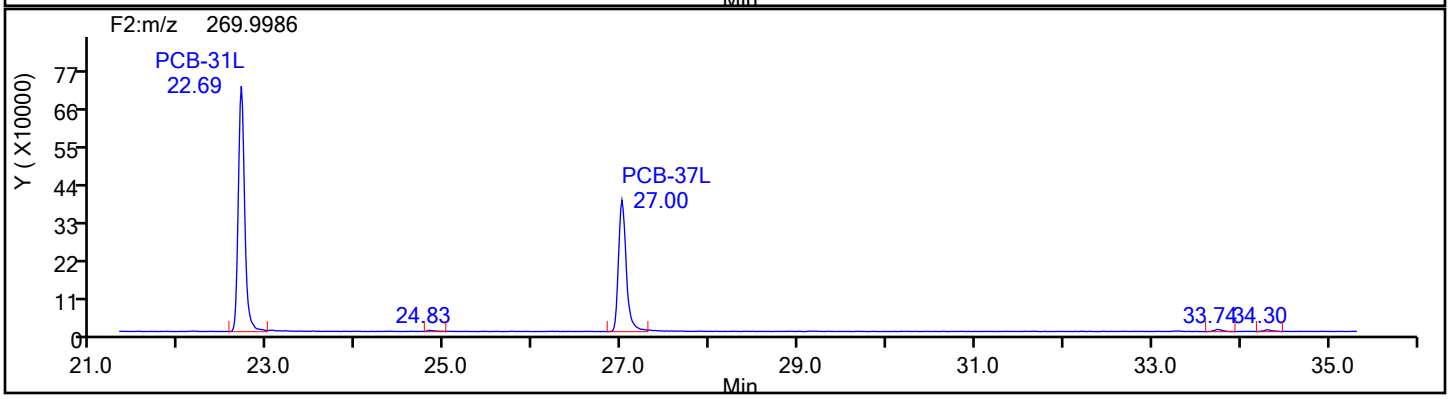
TriPCB F2





TriPCB F2 Standards



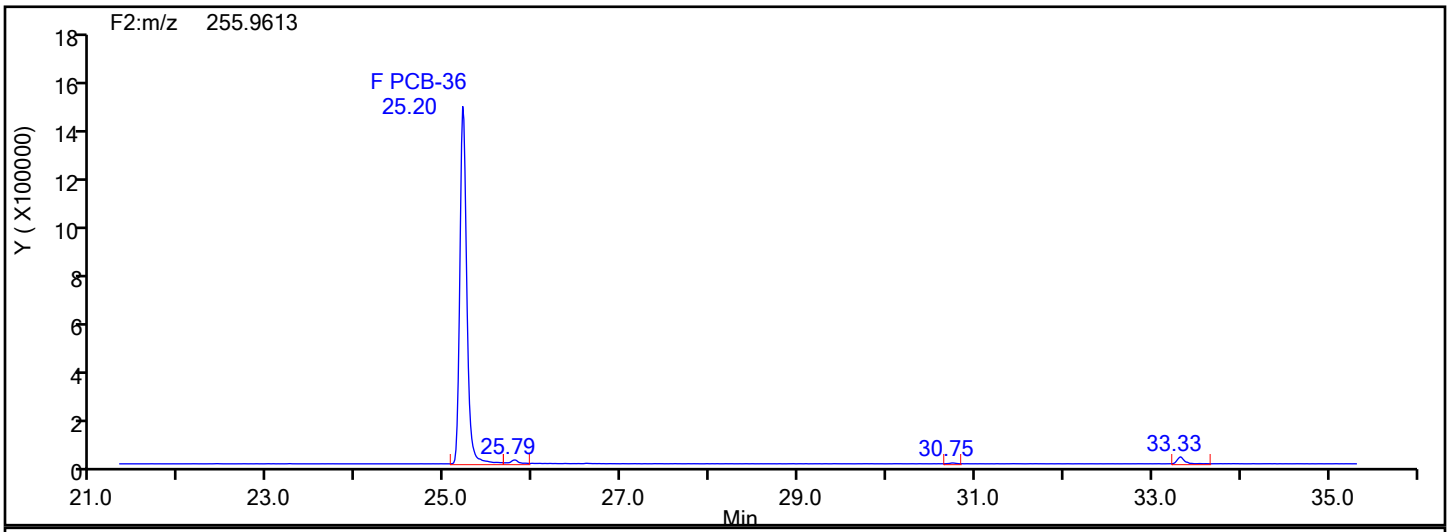


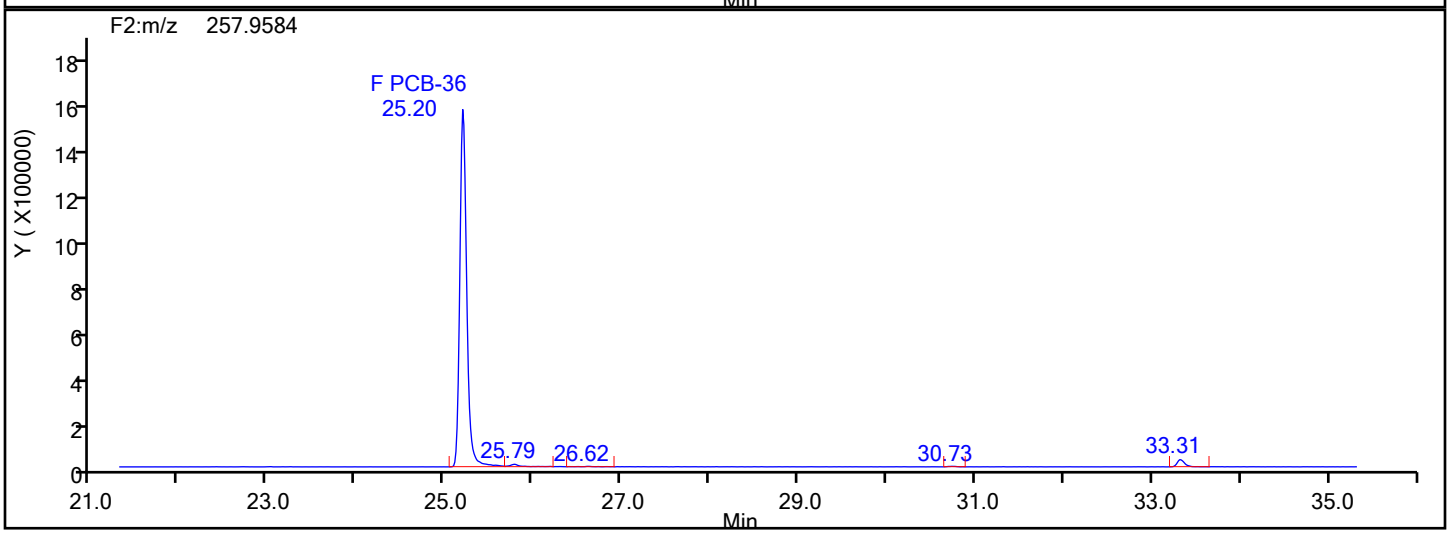
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

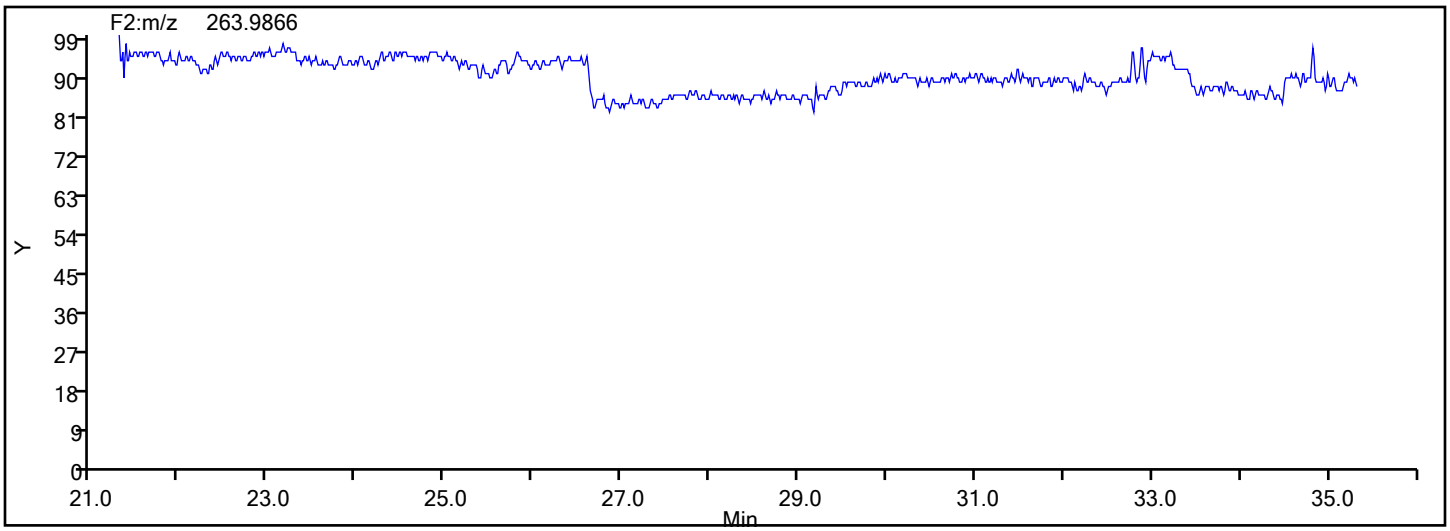
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



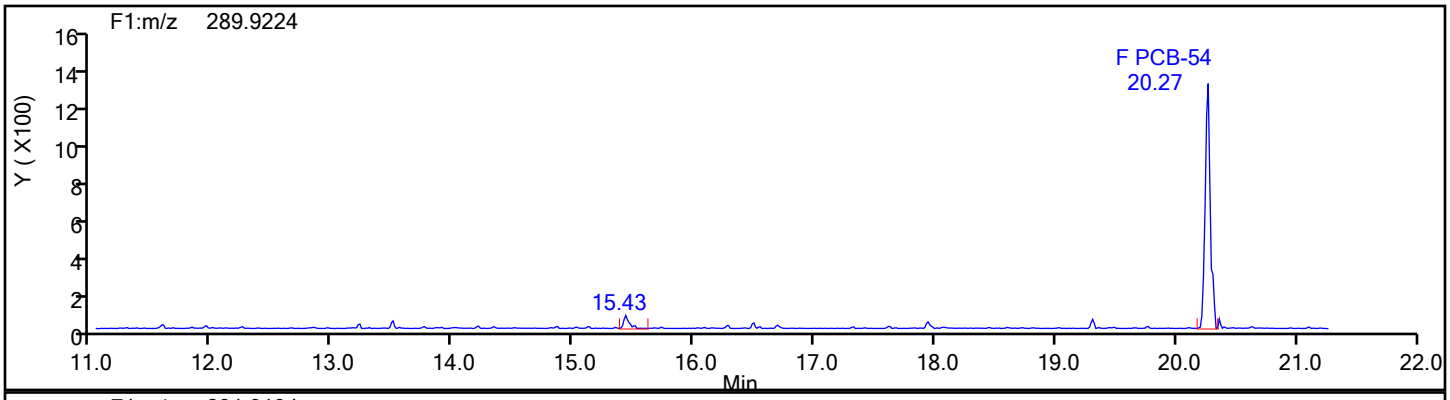
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

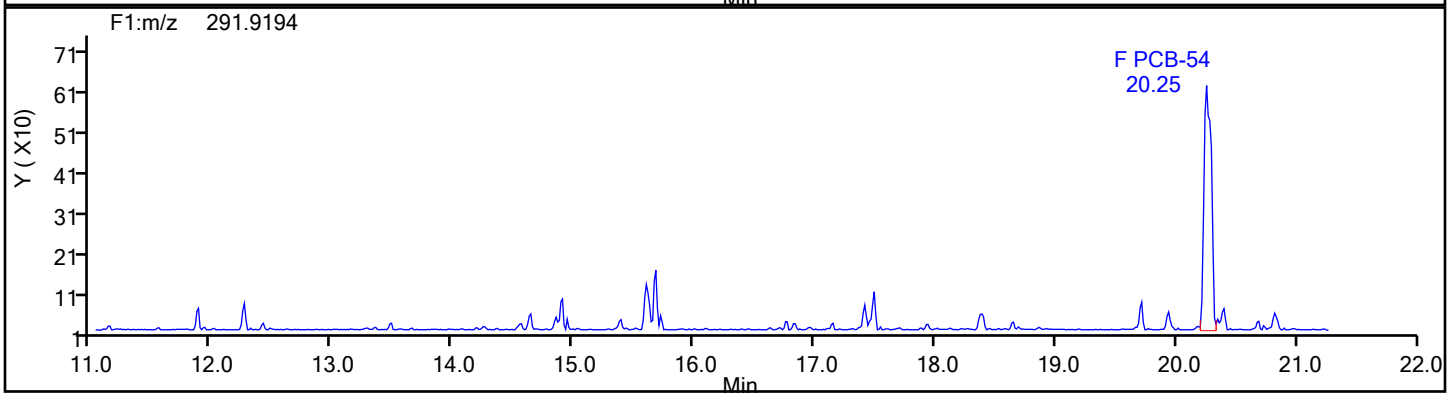
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

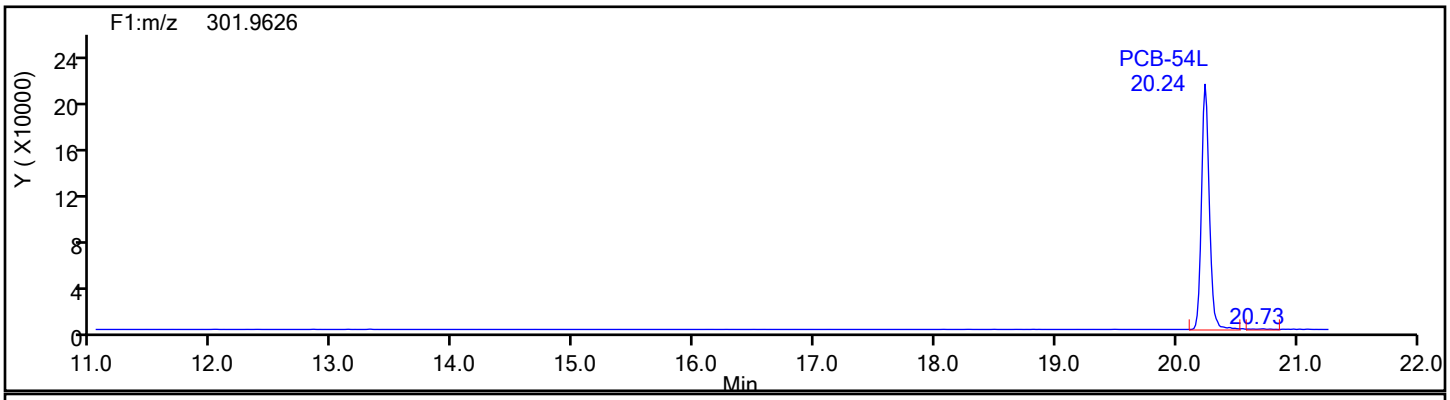
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

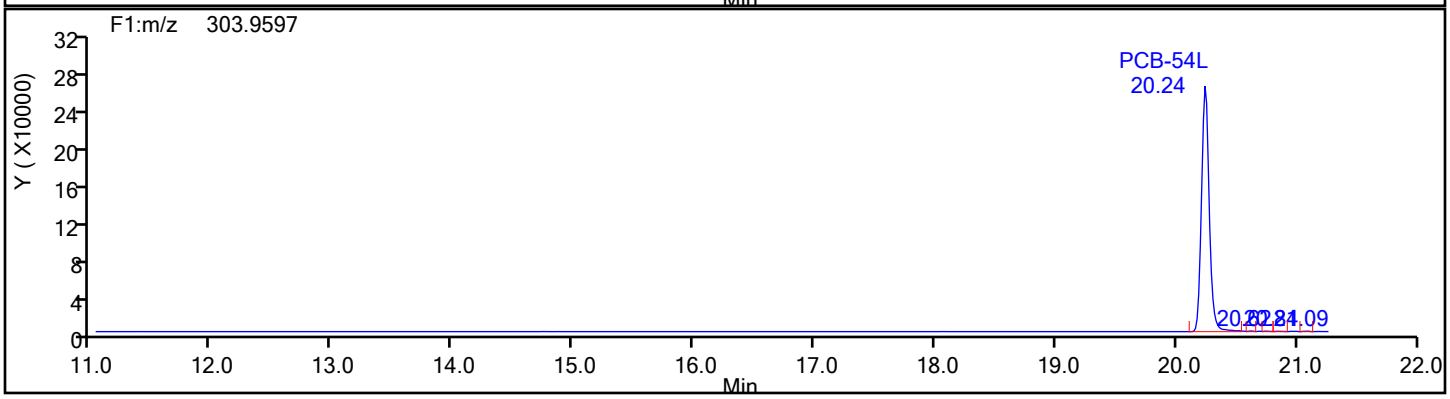
TePCB F1





TePCB F1 Standards



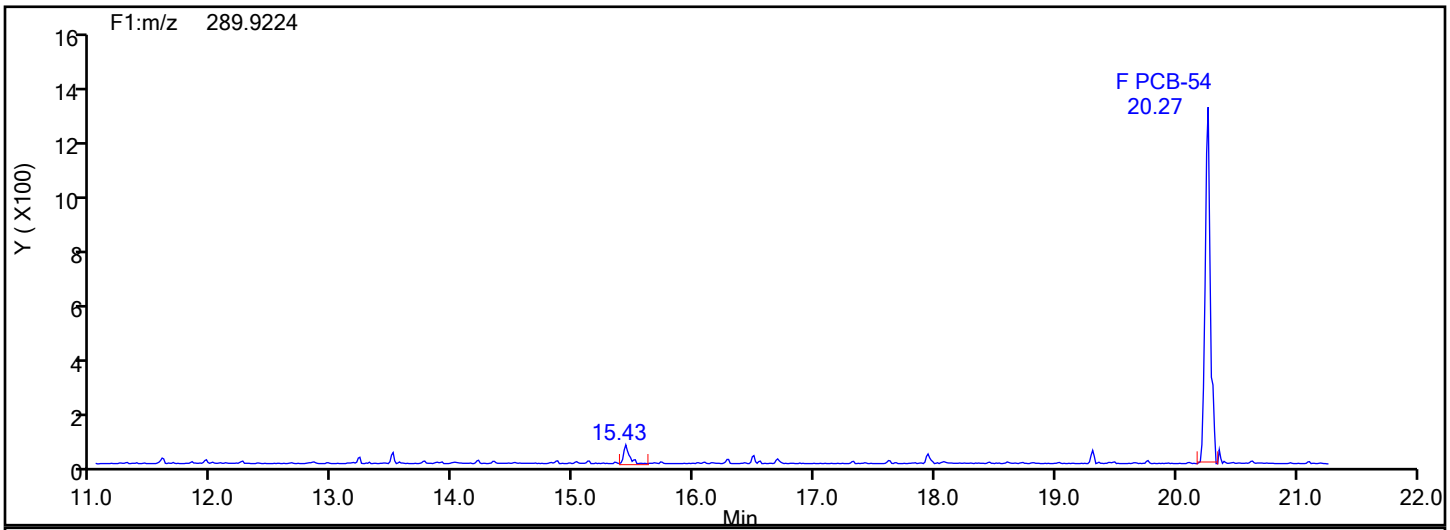


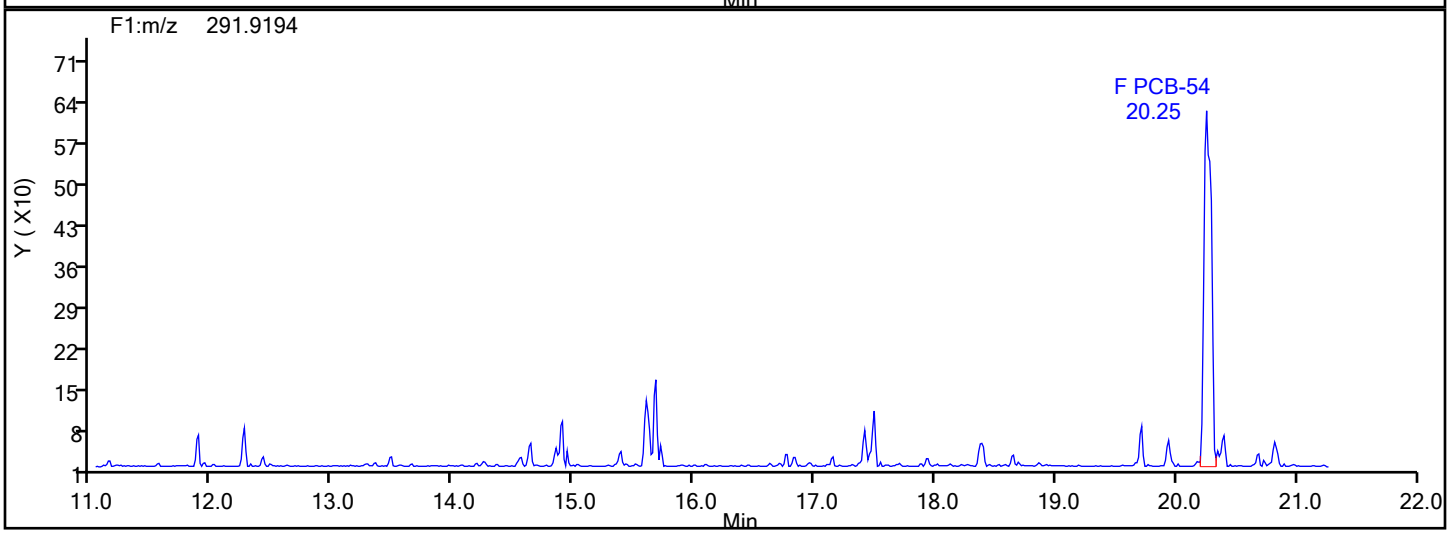
Report Date: 05-Jan-2024 01:21:10 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

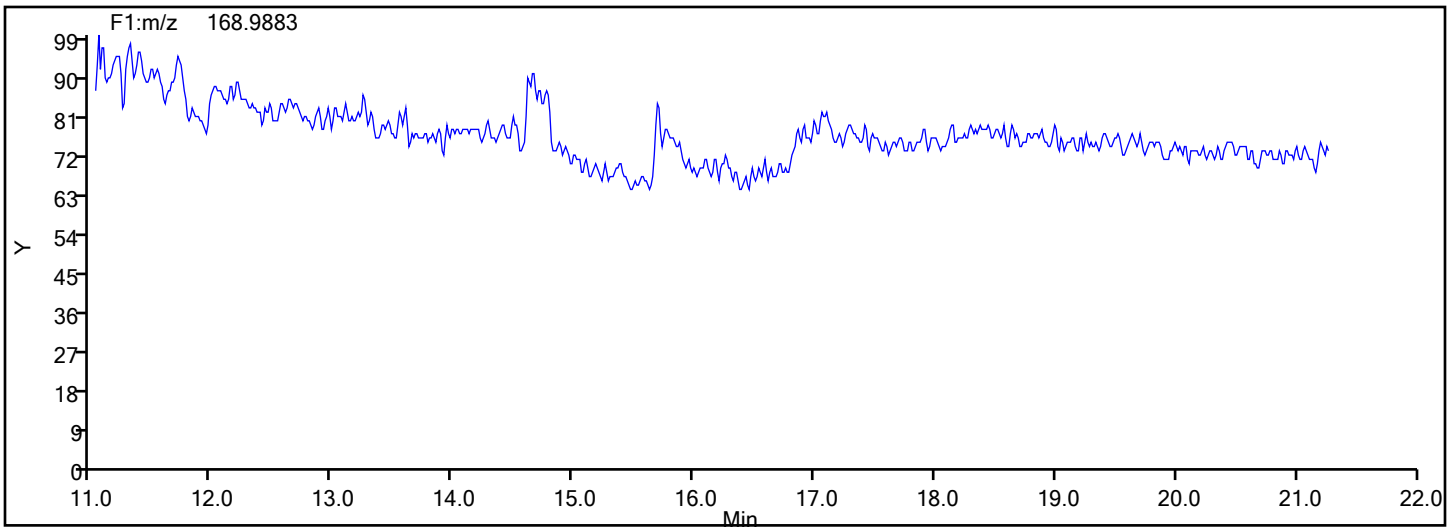
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

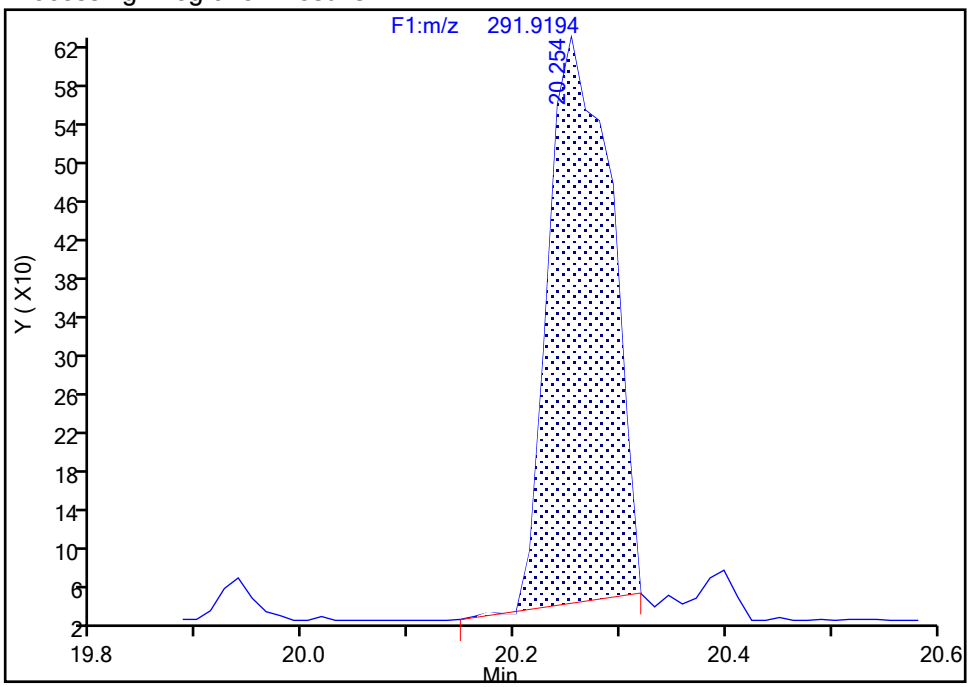
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-54, CAS: 15968-05-5

Signal: 2

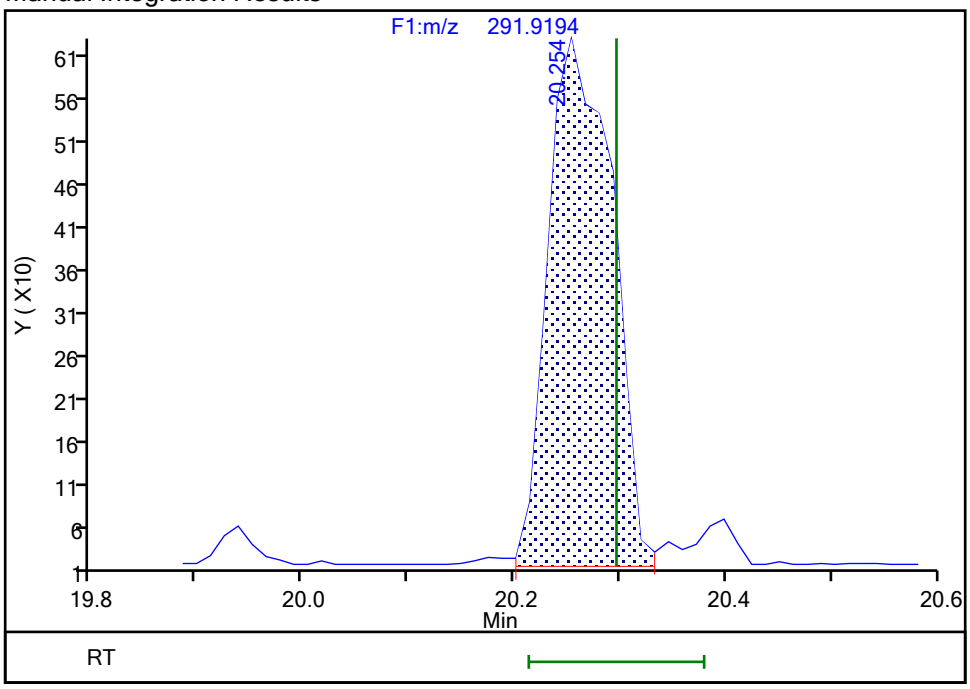
Processing Integration Results

RT: 20.25
Area: 2404
Amount: 0.244299
Amount Units: pg/ul



Manual Integration Results

RT: 20.25
Area: 2559
Amount: 0.250346
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:14:39 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

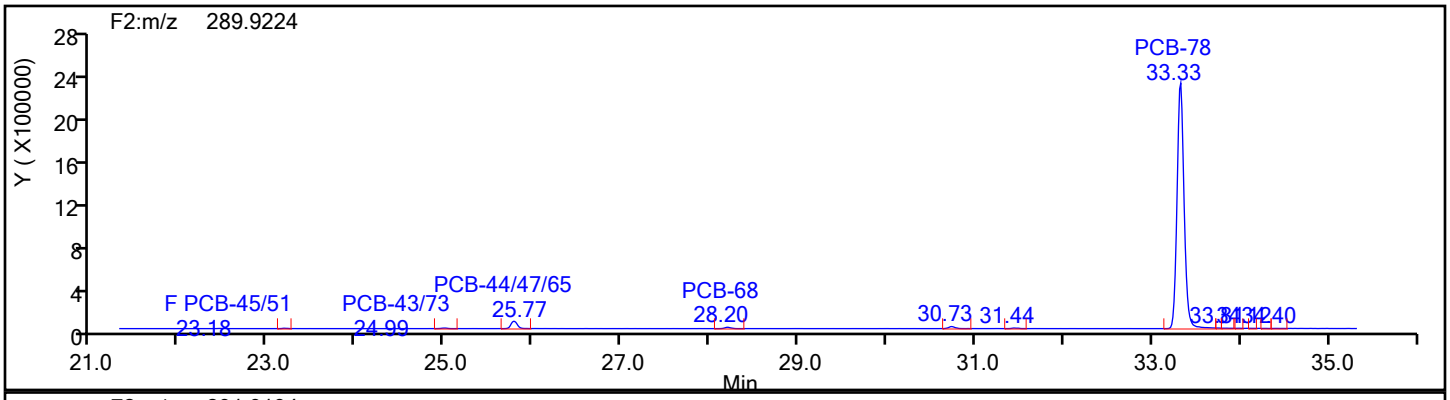
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

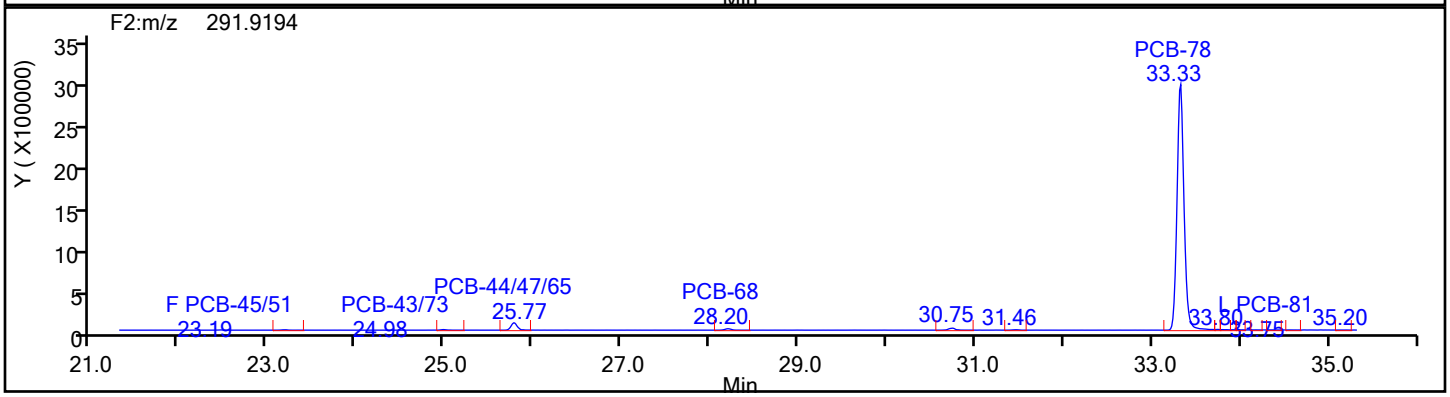
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

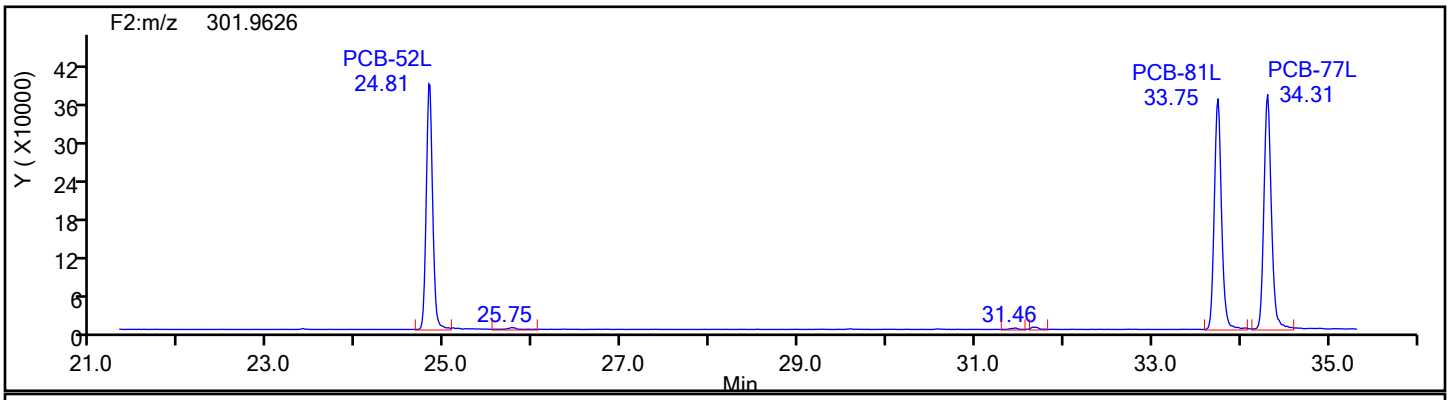
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

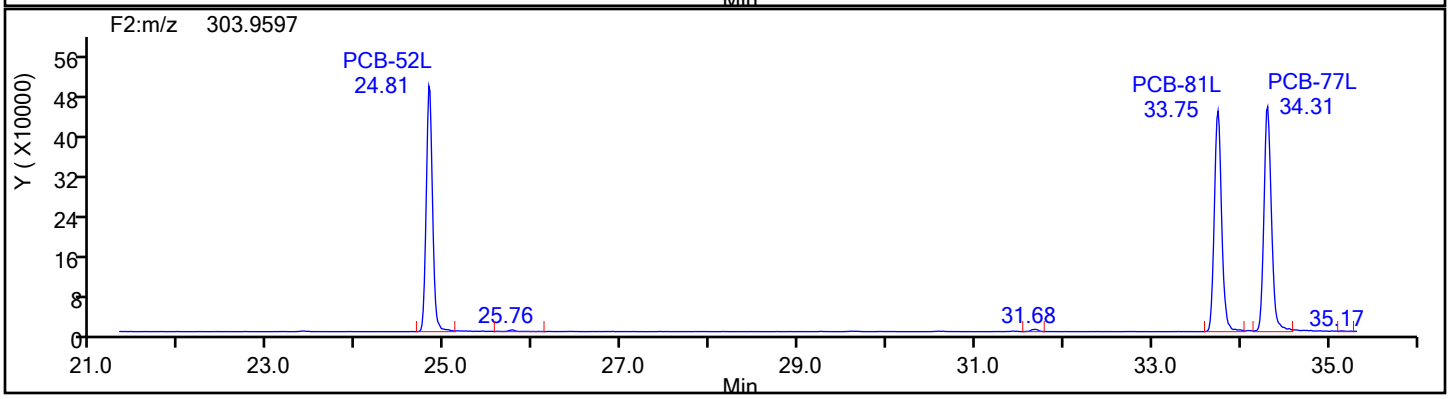
TePCB F2





TePCB F2 Standards



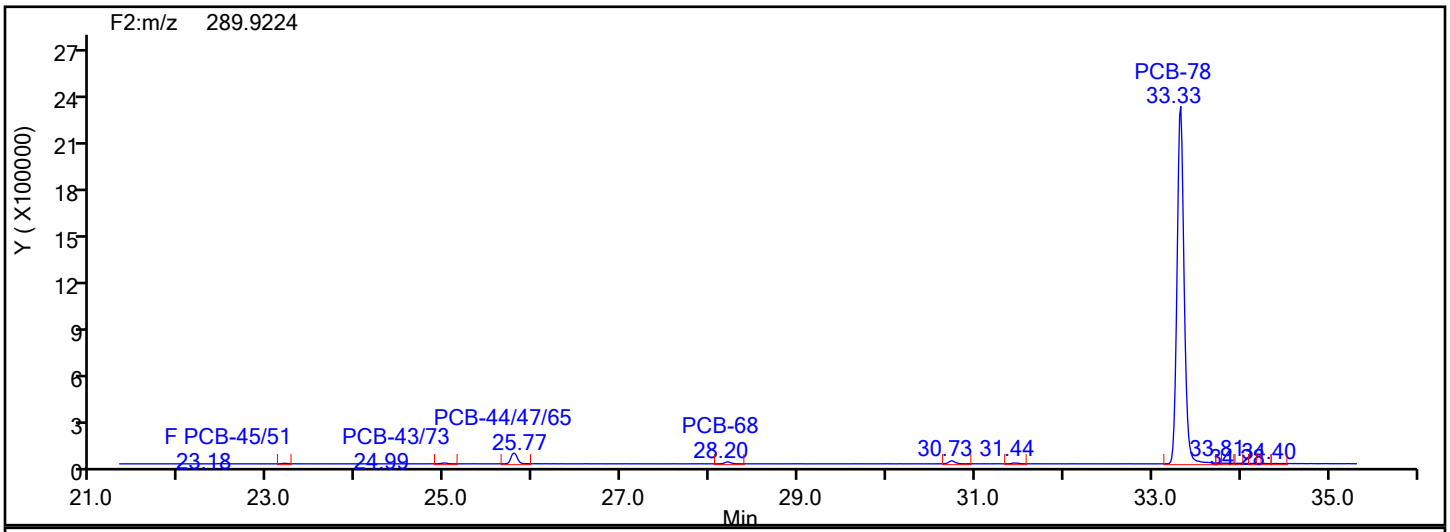


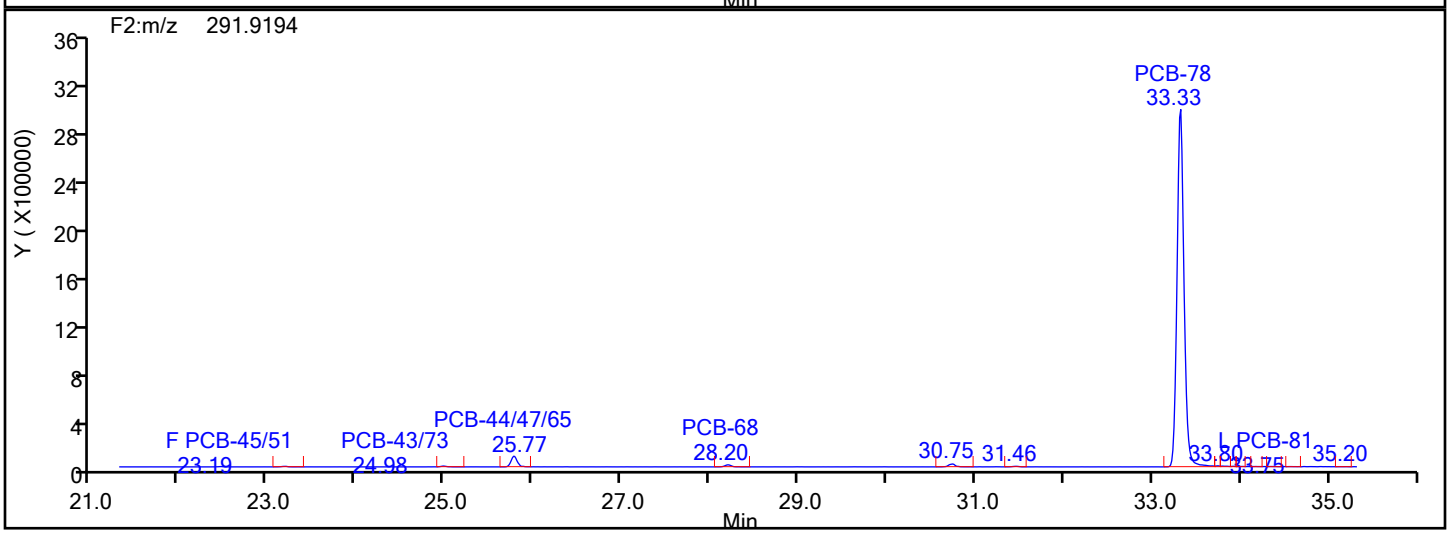
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

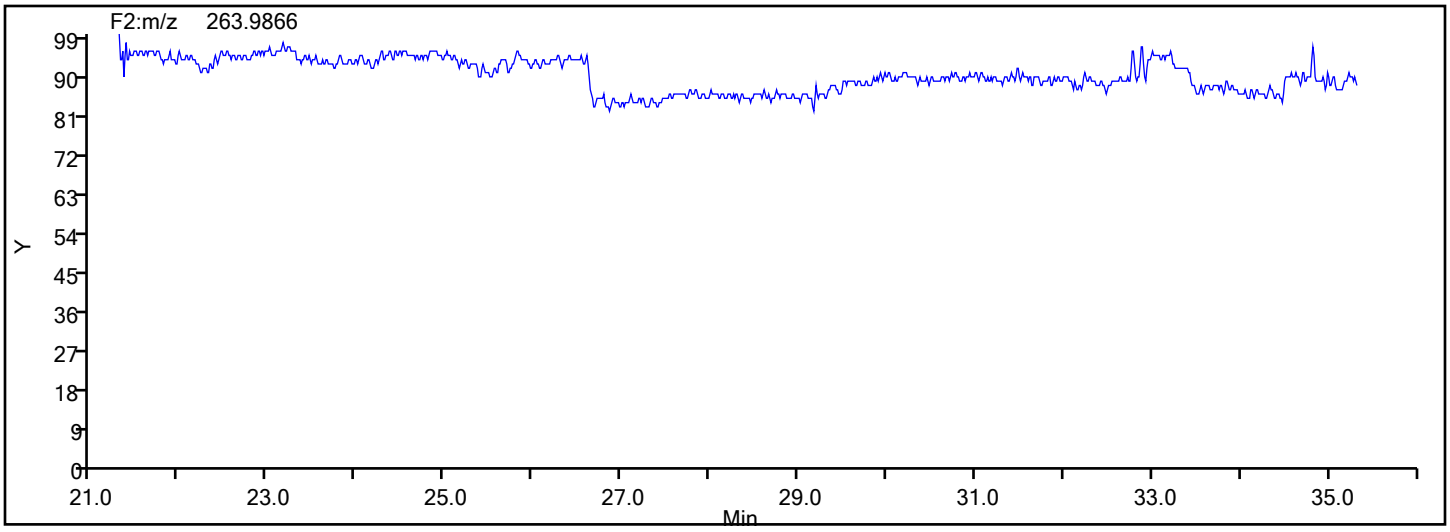
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d
Injection Date: 04-Jan-2024 21:09:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-03
Worklist#: 82009 Sample Line#: 13
Column Type: Column Dia:

TePCB F2





TePCB F2 Lock Mass



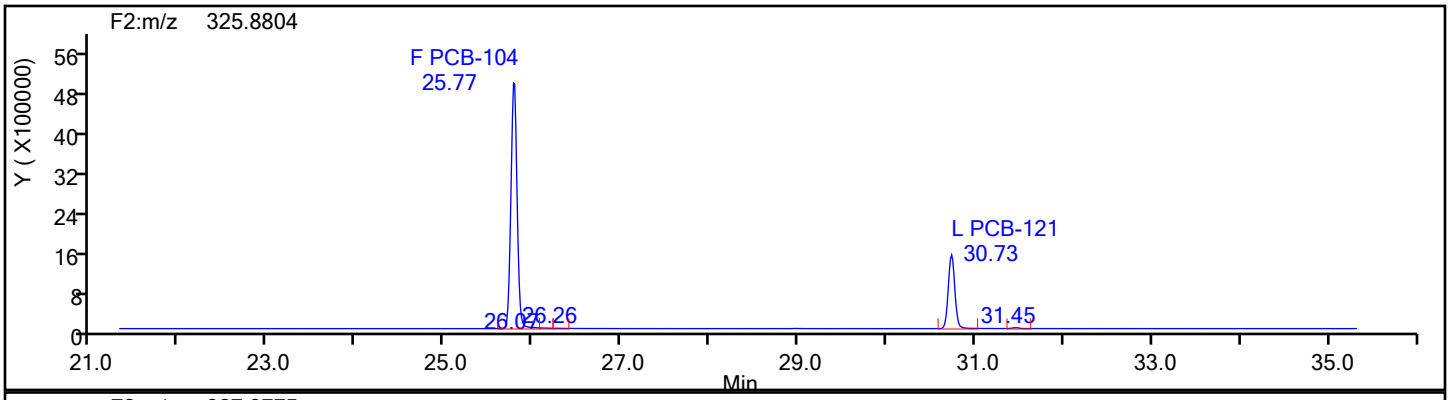
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

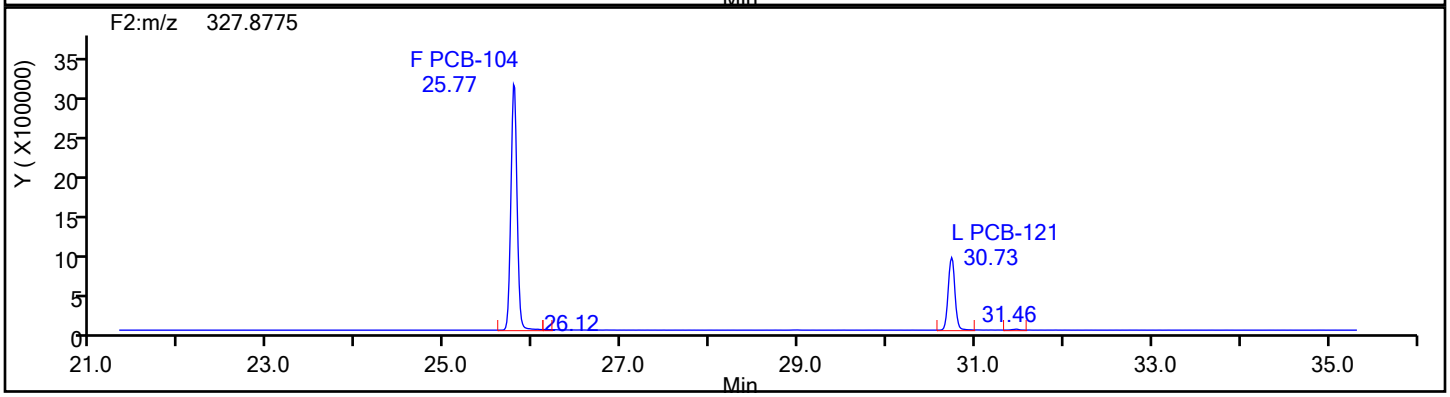
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

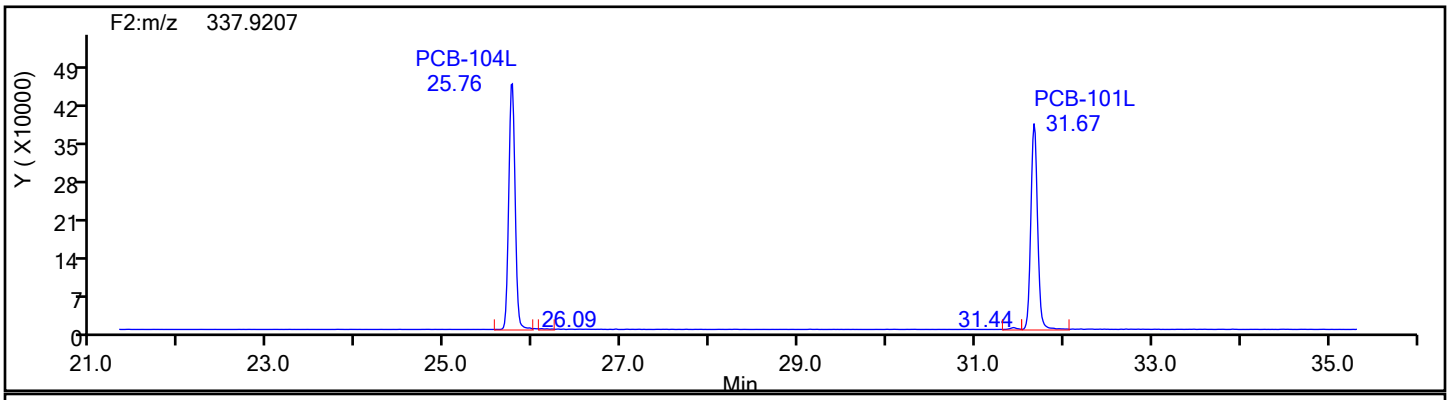
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

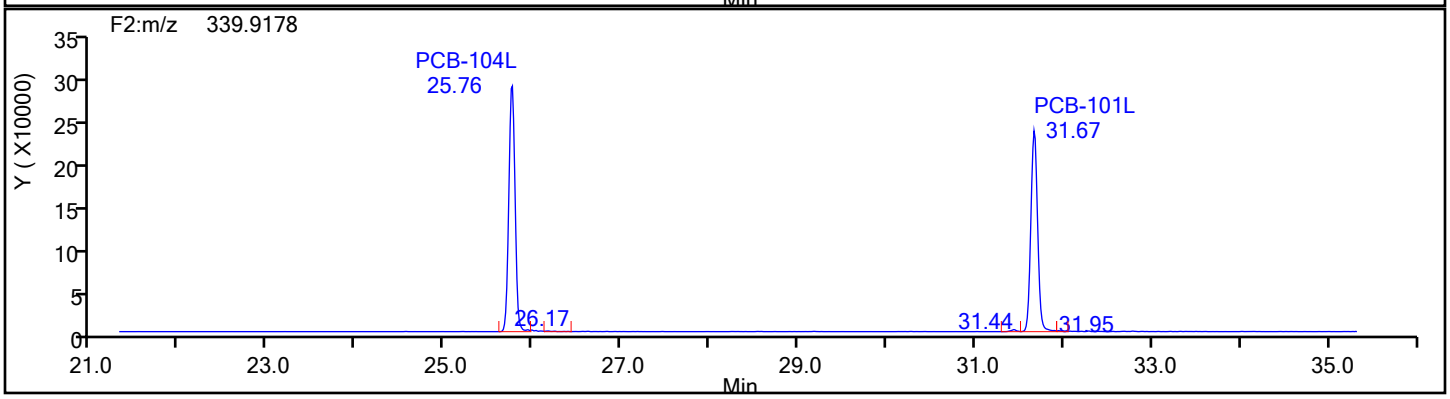
PePCB F2





PePCB F2 Standards



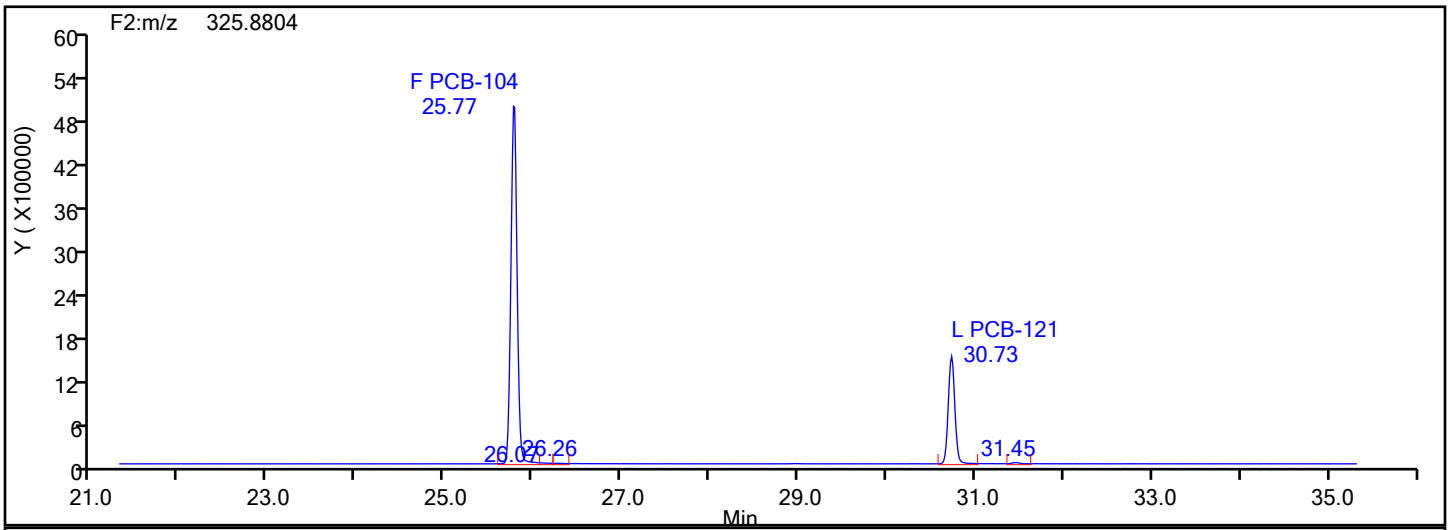


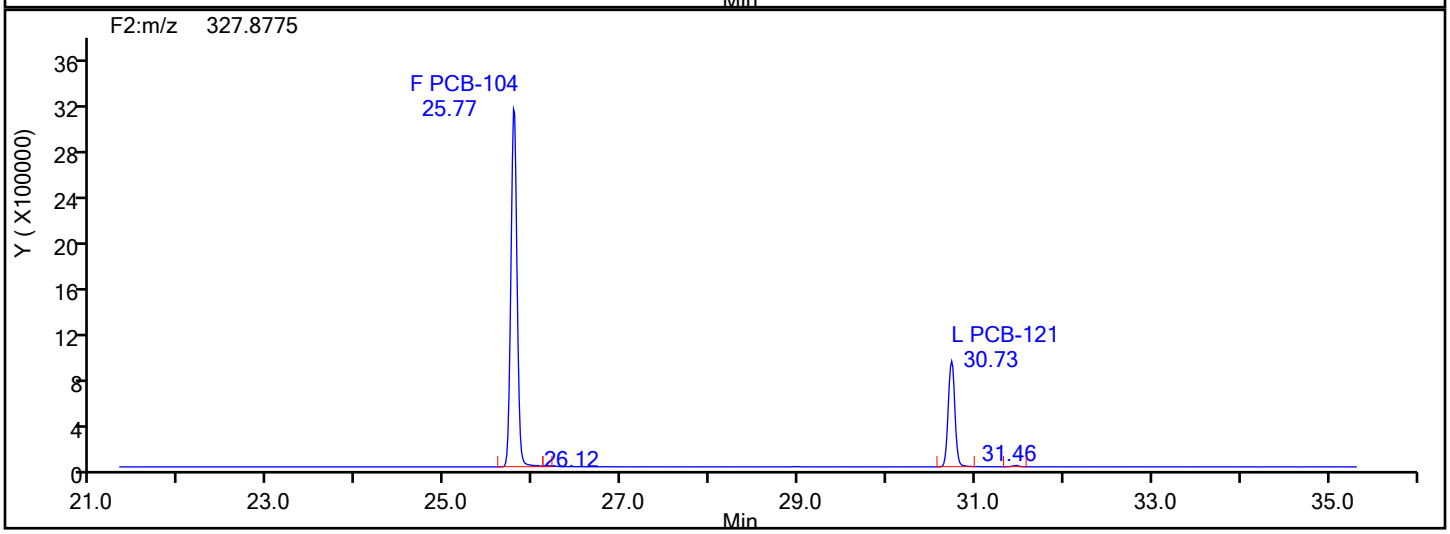
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

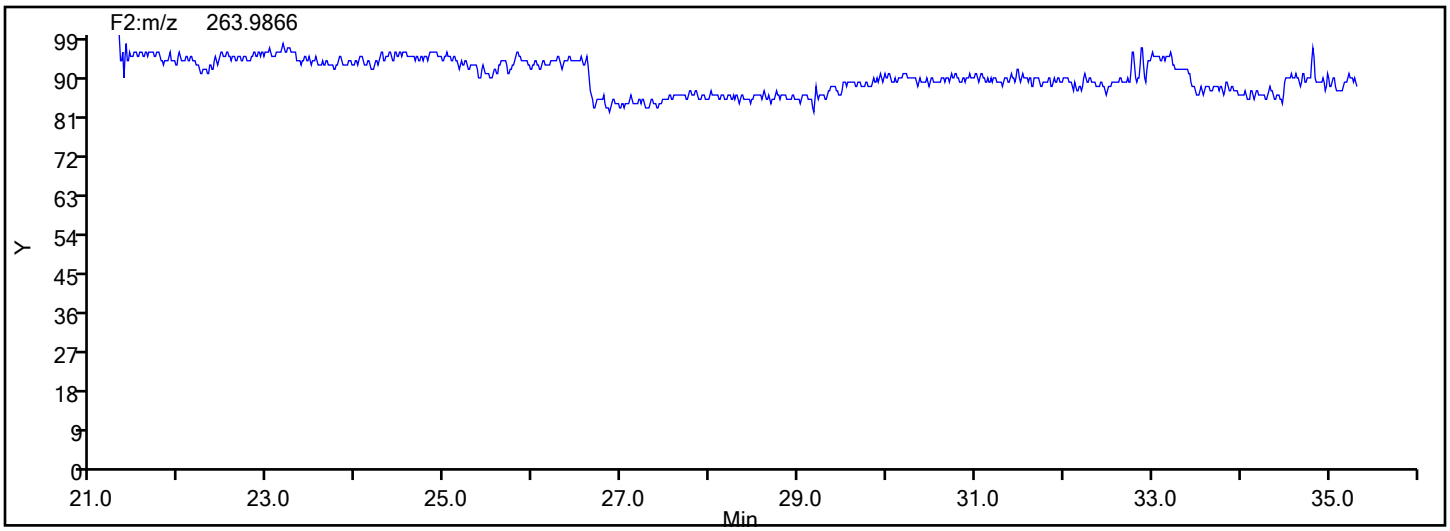
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



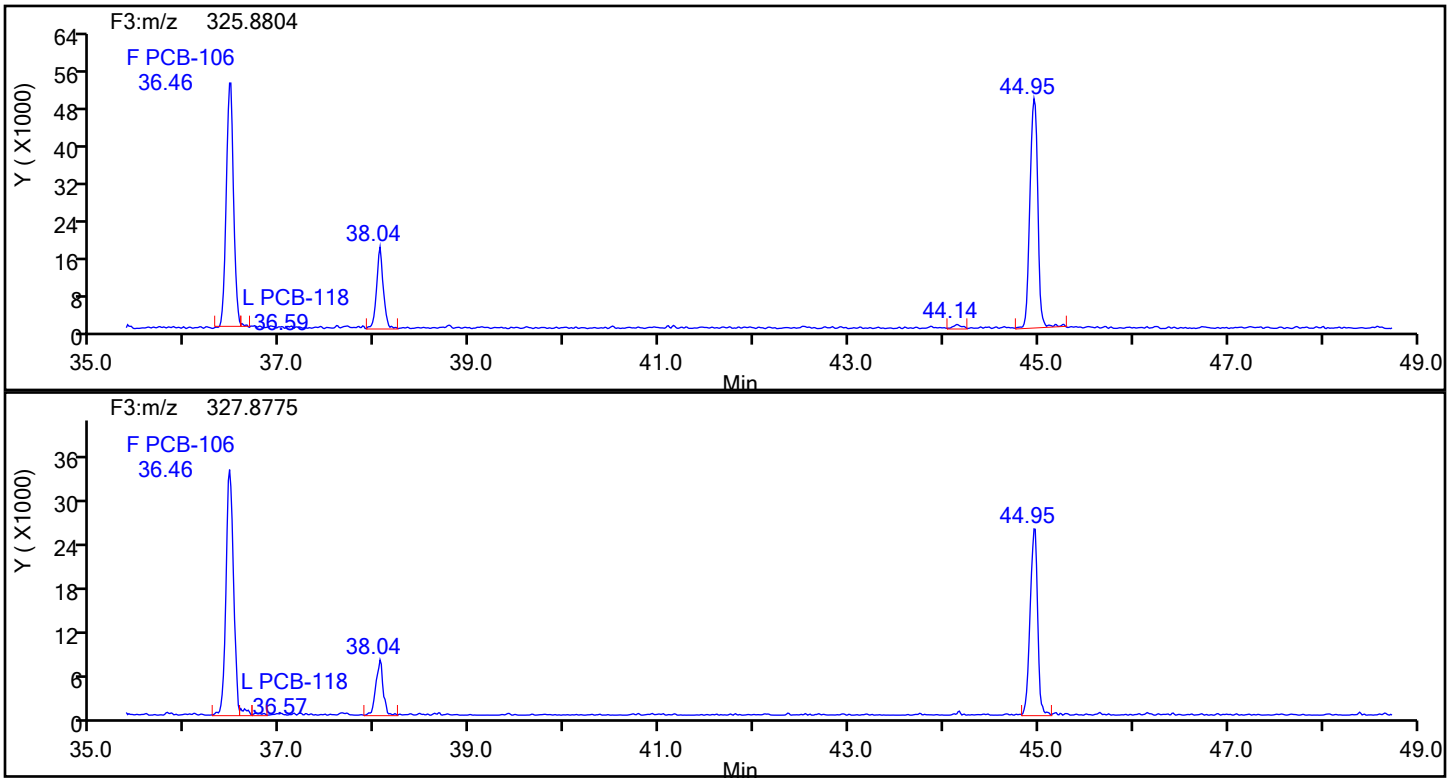
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

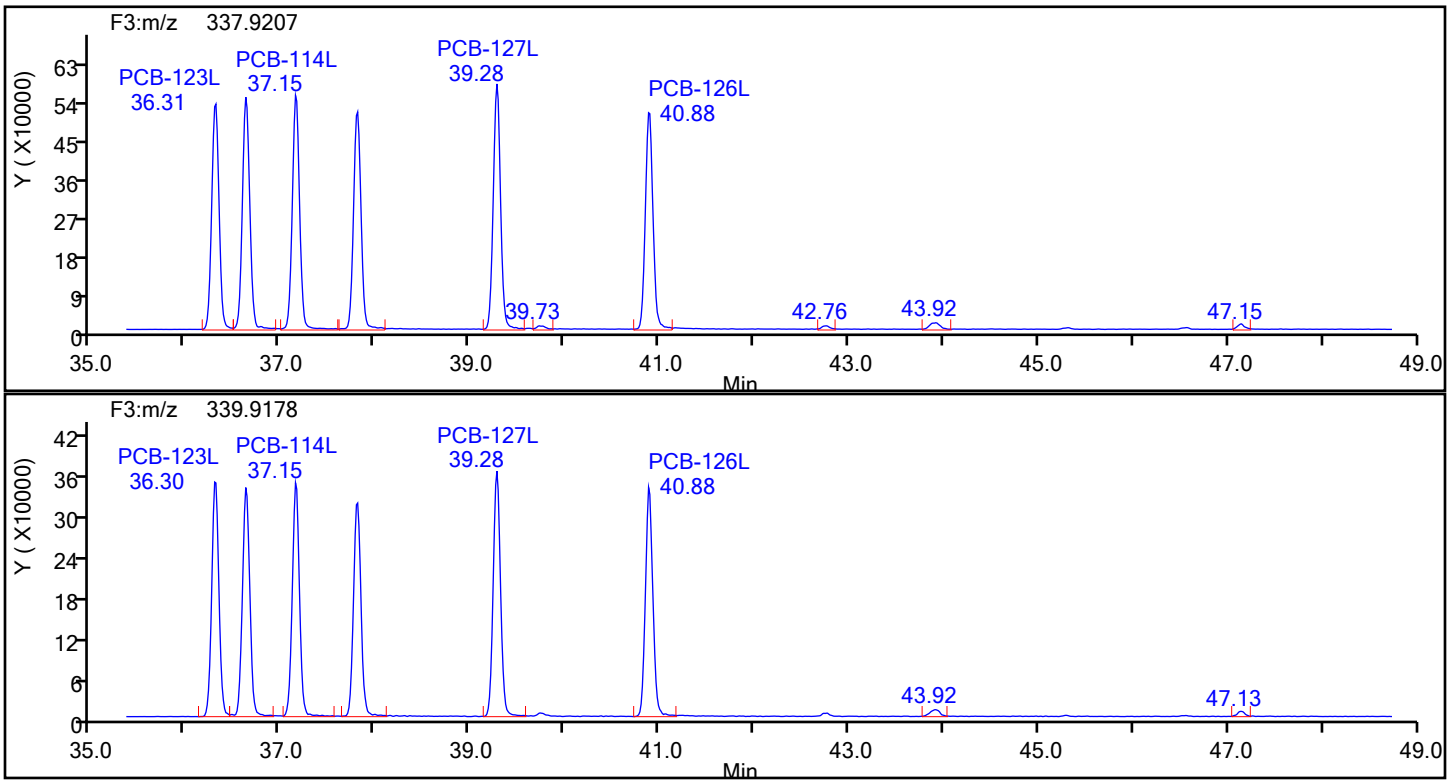
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards

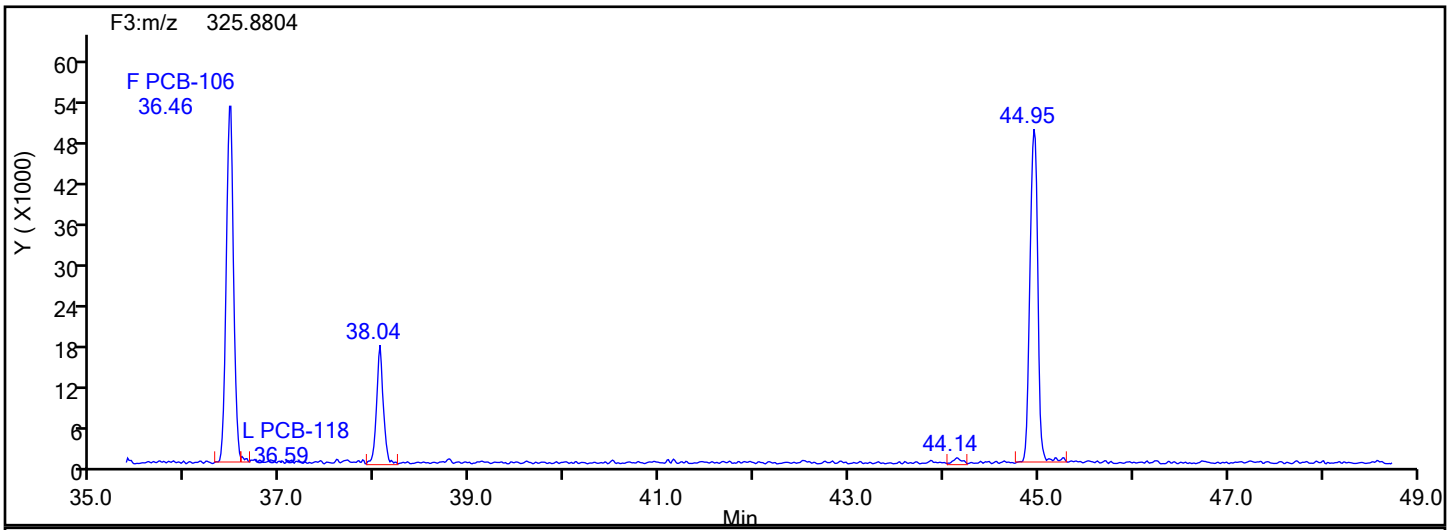


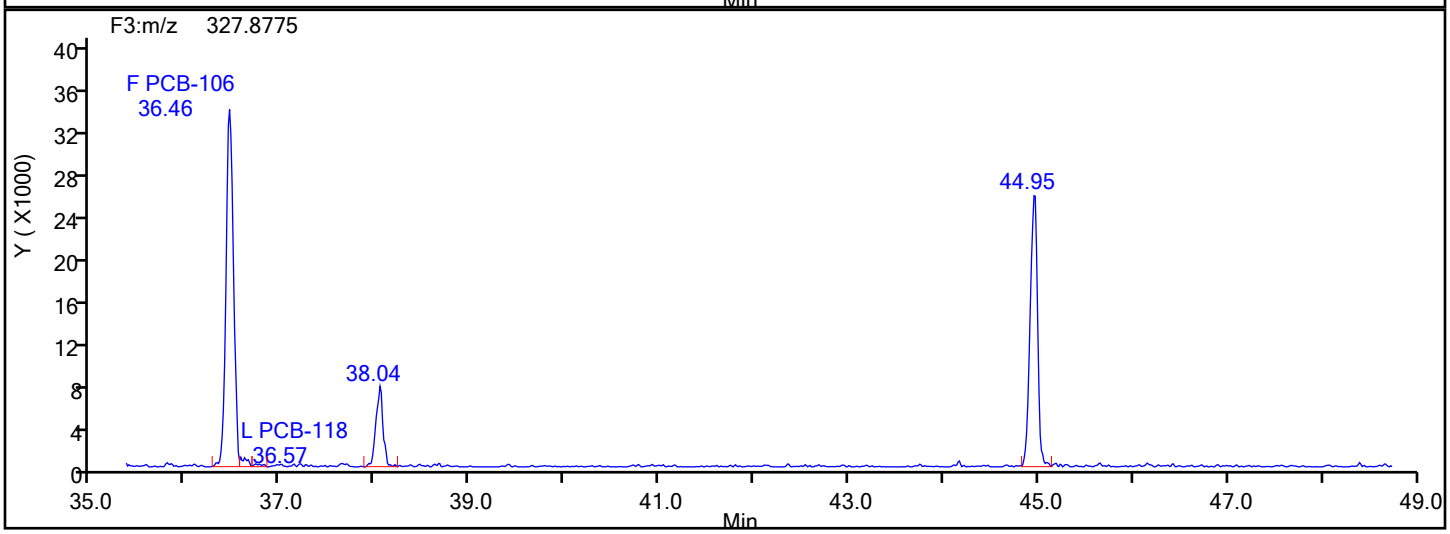
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

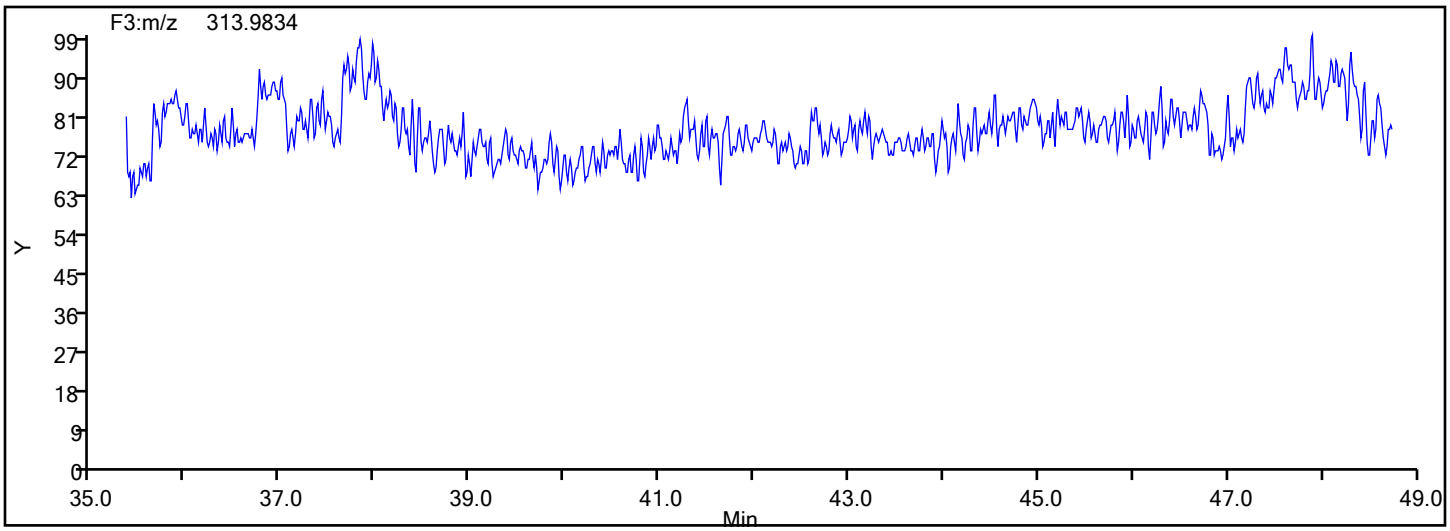
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

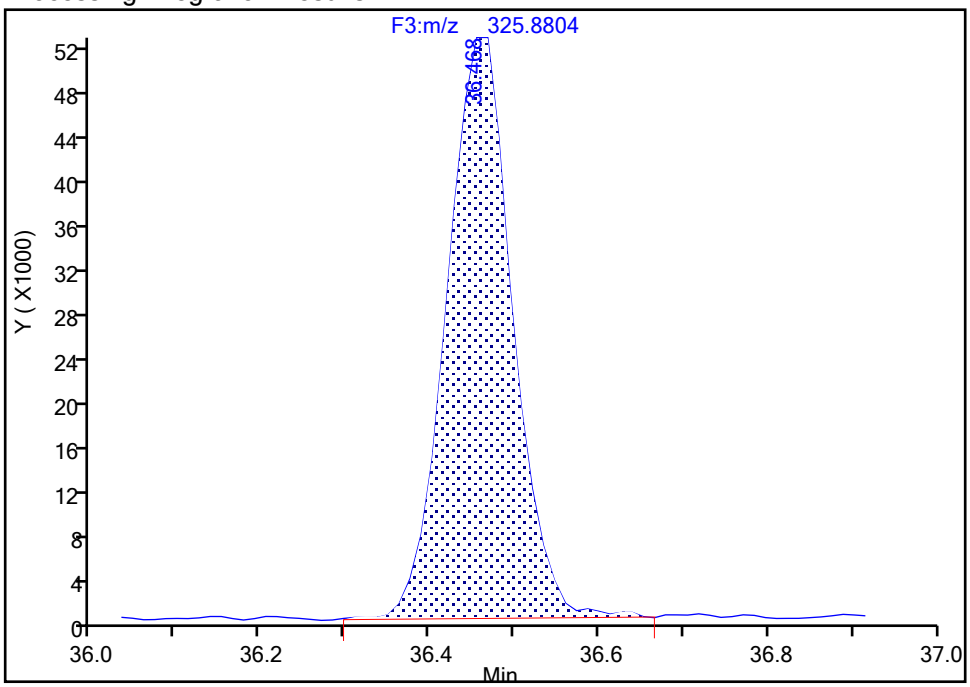
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 1

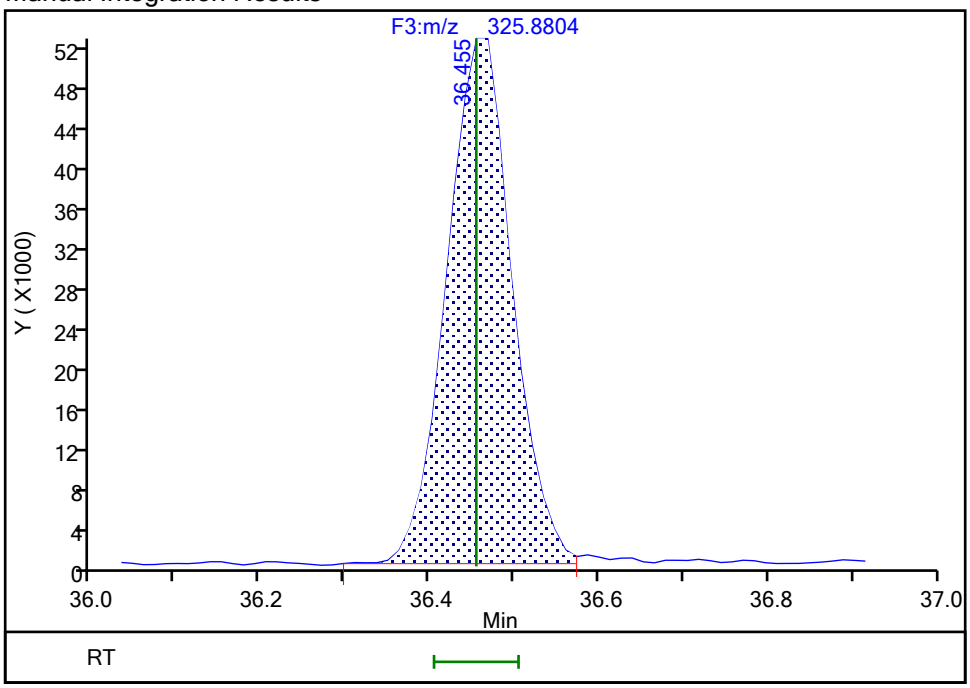
Processing Integration Results

RT: 36.47
Area: 285140
Amount: 8.583229
Amount Units: pg/ul



Manual Integration Results

RT: 36.46
Area: 282666
Amount: 8.429625
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:16:32 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

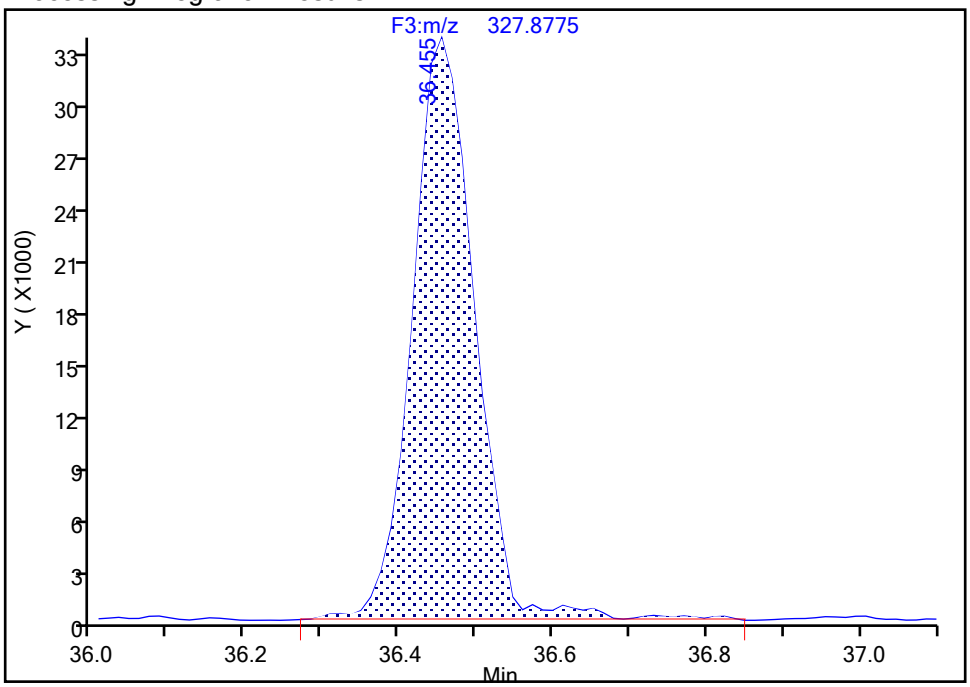
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 2

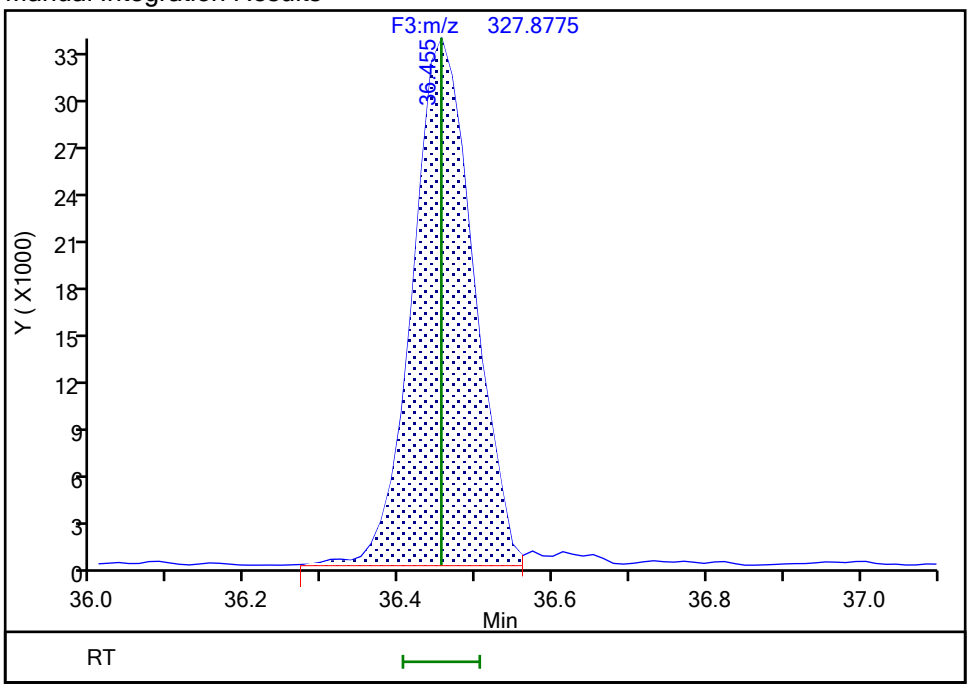
Processing Integration Results

RT: 36.46
Area: 189440
Amount: 8.583229
Amount Units: pg/ul



Manual Integration Results

RT: 36.46
Area: 183421
Amount: 8.429625
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:16:35 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

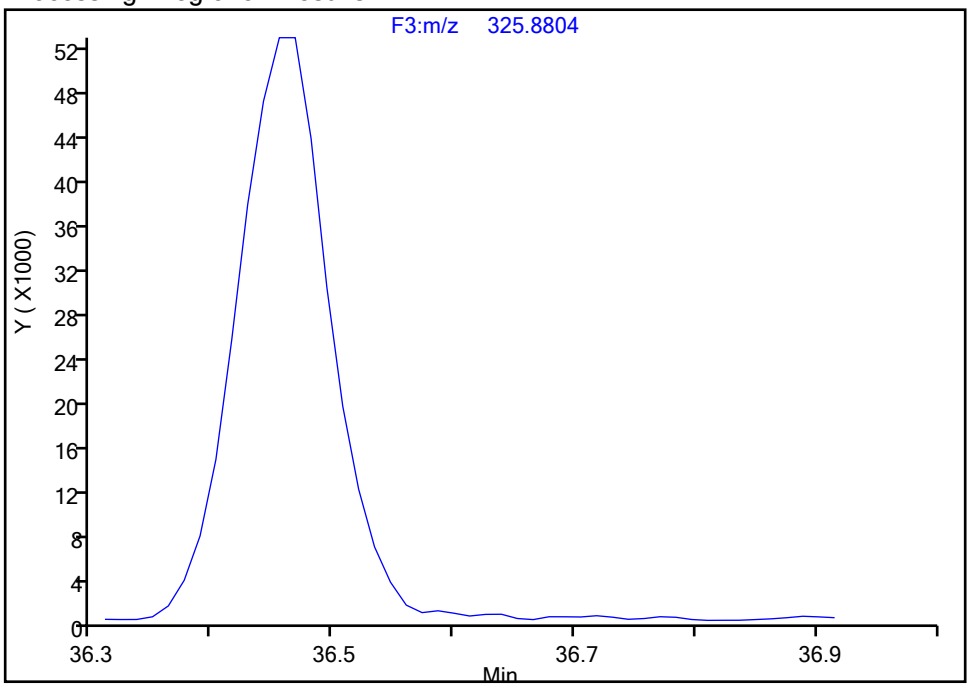
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 1

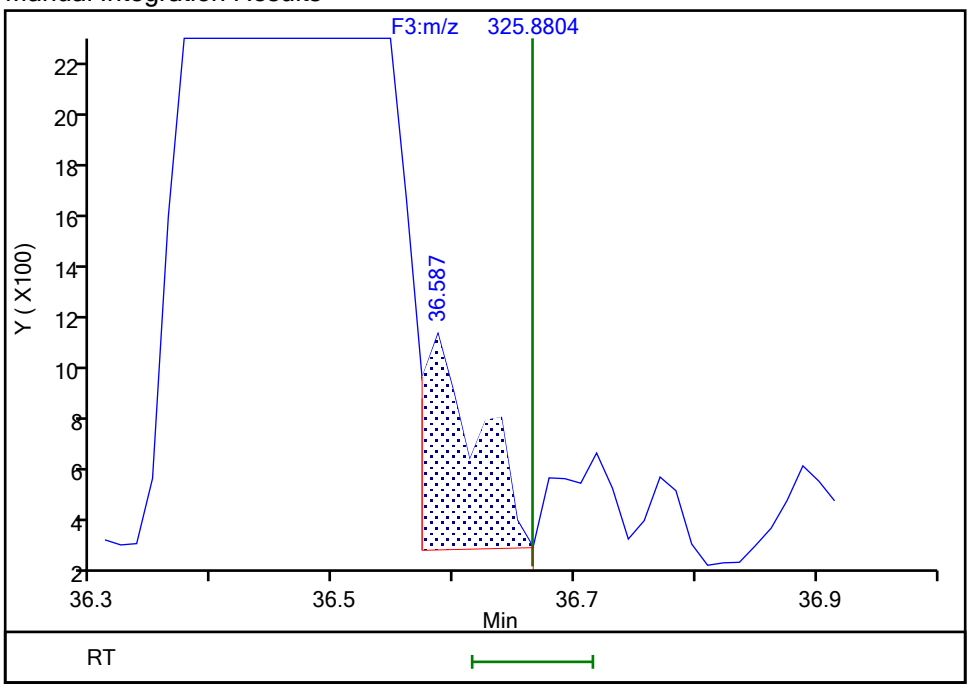
Not Detected
Expected RT: 36.66

Processing Integration Results



Manual Integration Results

RT: 36.59
Area: 2467
Amount: 0.137410
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:16:39 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

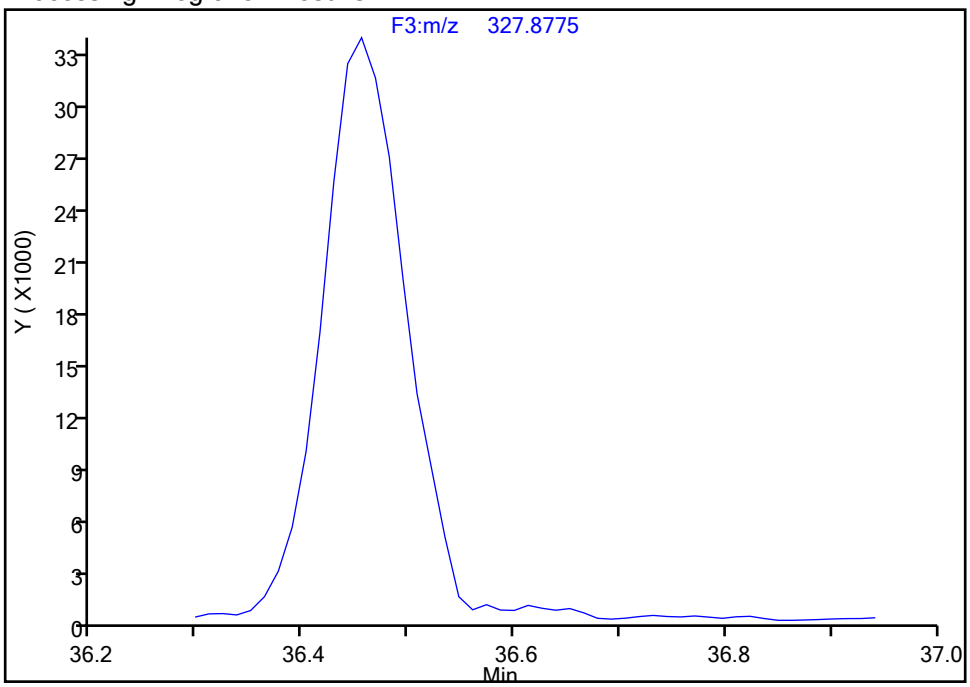
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 2

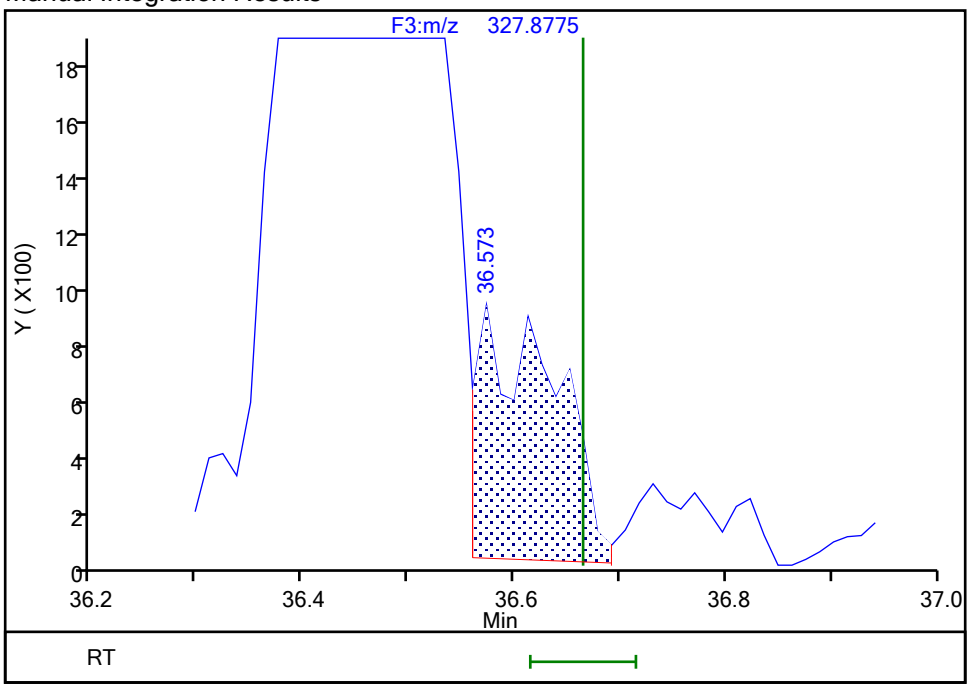
Not Detected
Expected RT: 36.66

Processing Integration Results



Manual Integration Results

RT: 36.57
Area: 4379
Amount: 0.137410
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:16:43 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

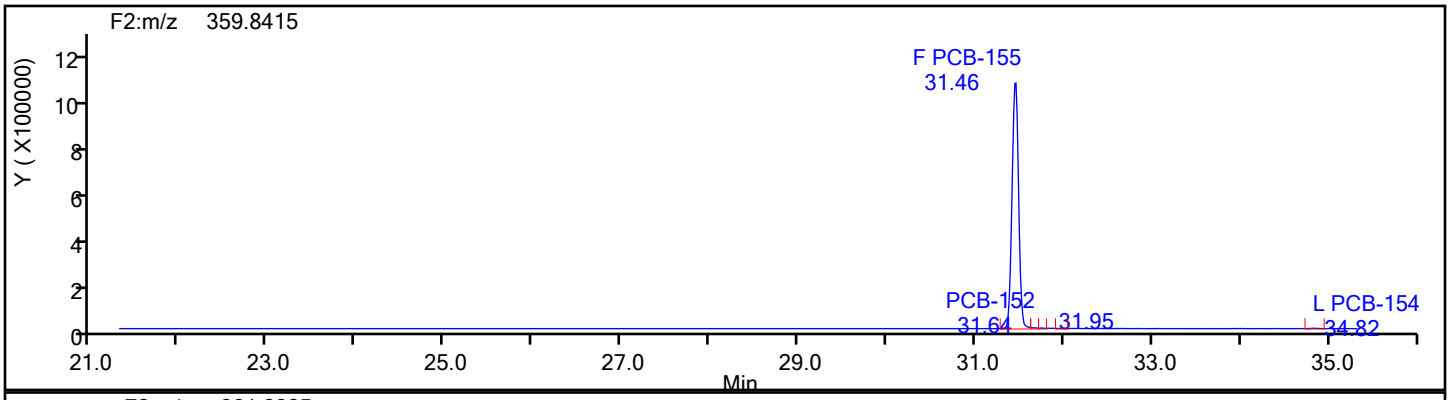
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

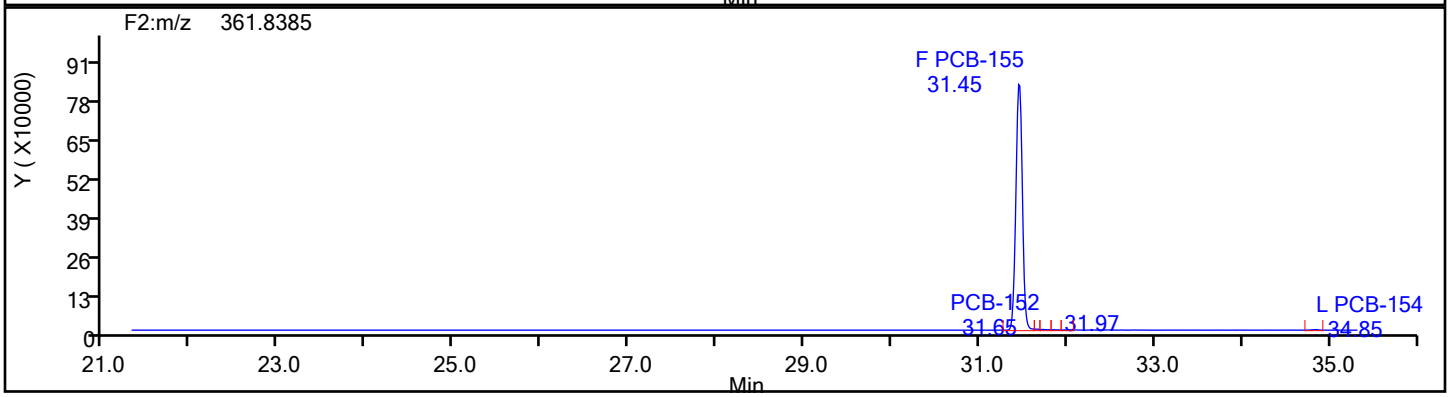
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

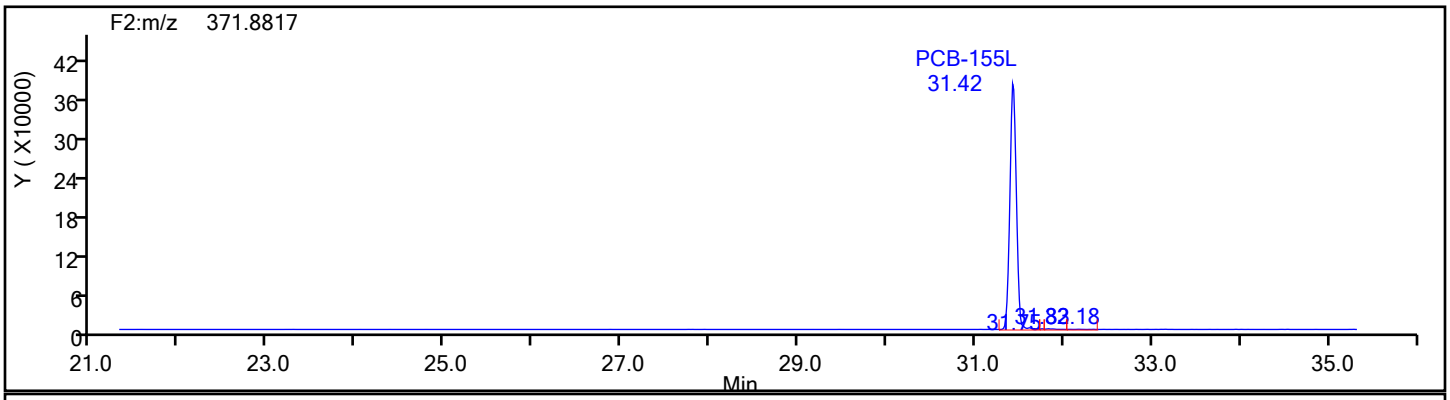
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

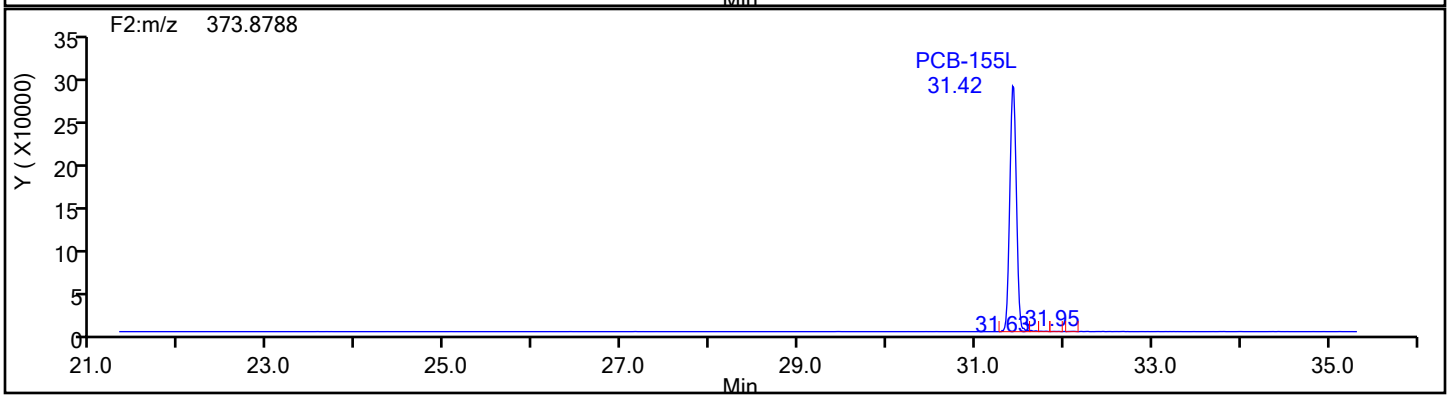
HxPCB F2





HxPCB F2 Standards



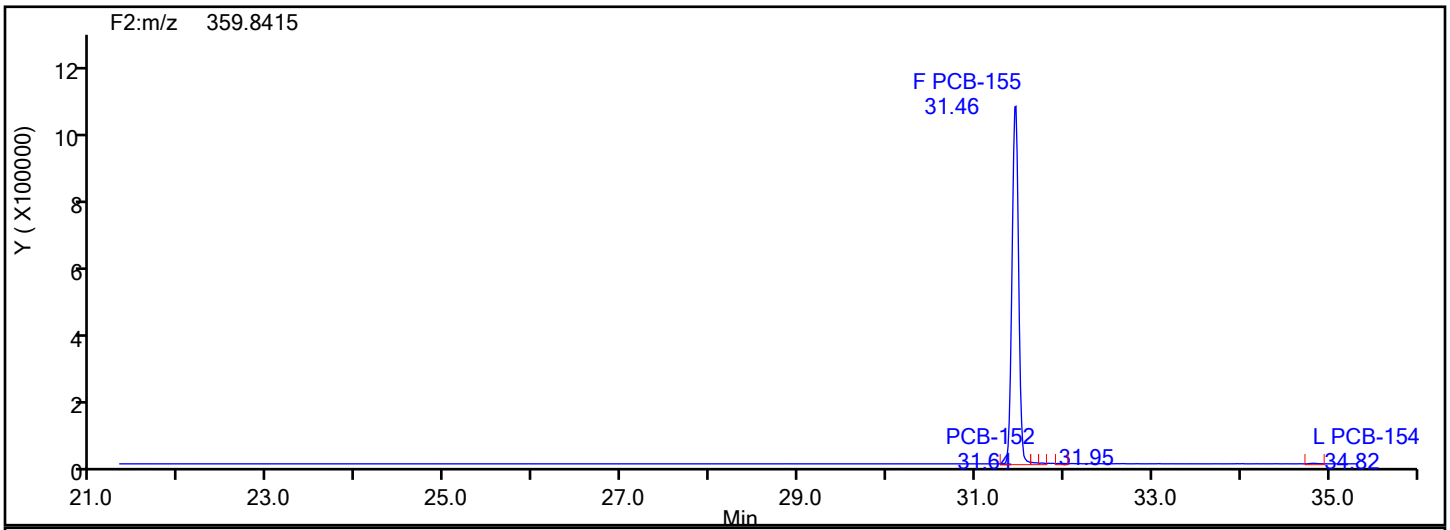


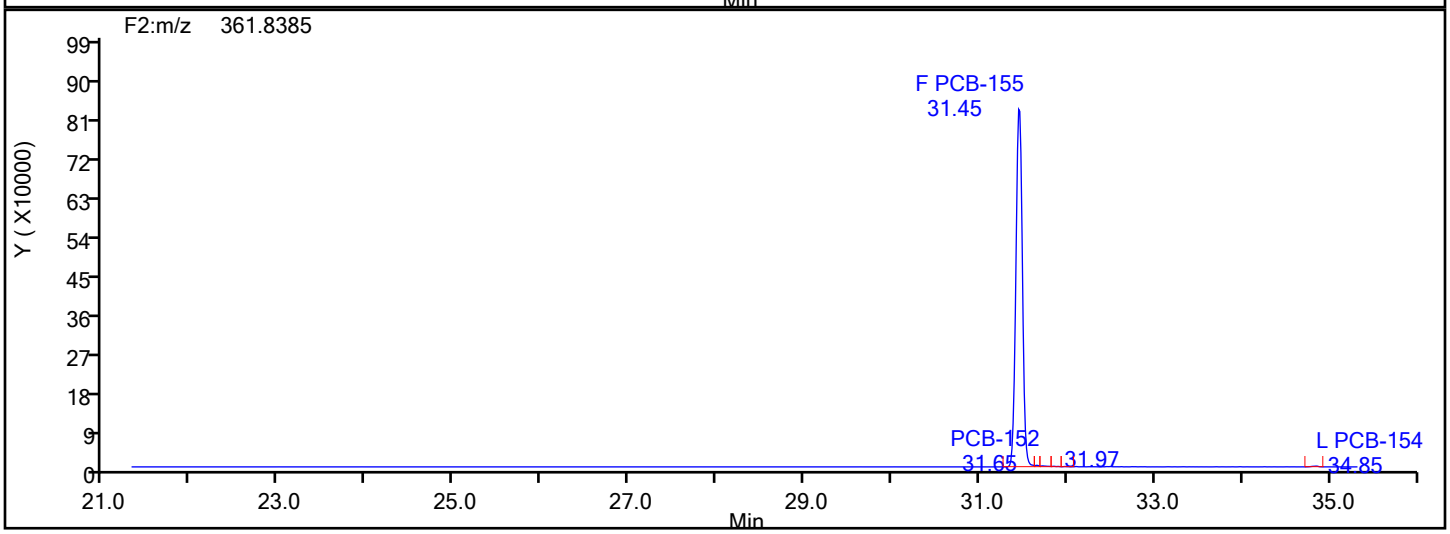
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

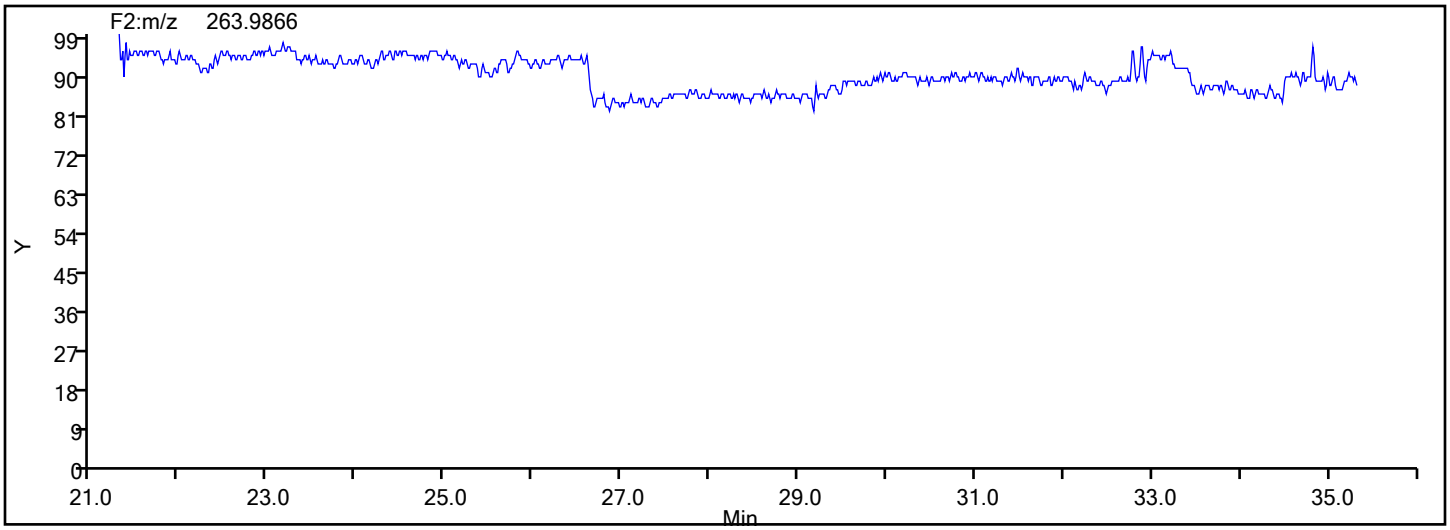
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

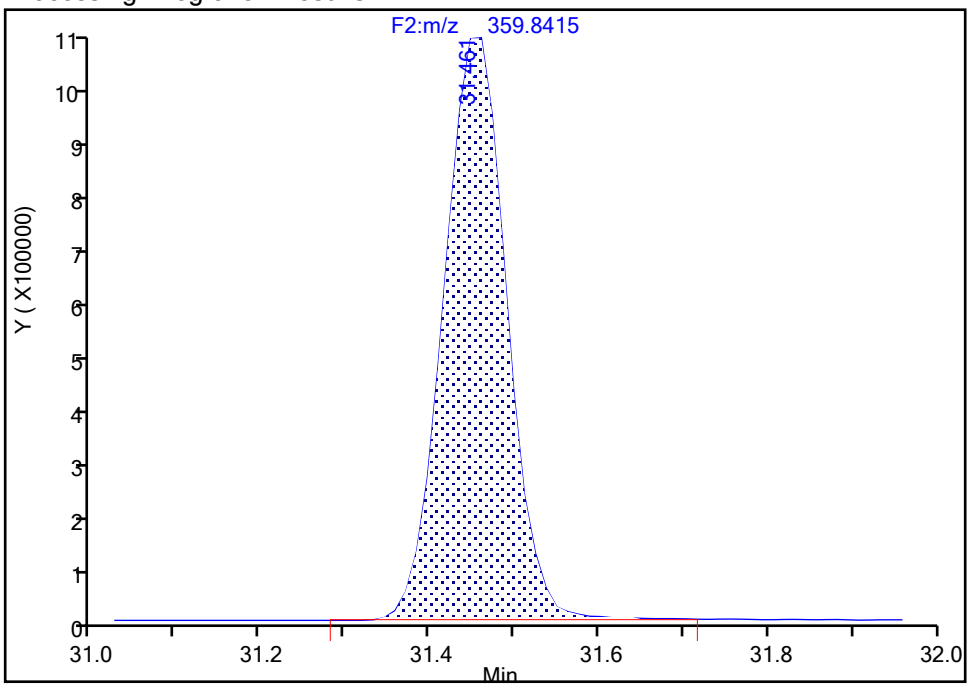
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-155, CAS: 33979-03-2

Signal: 1

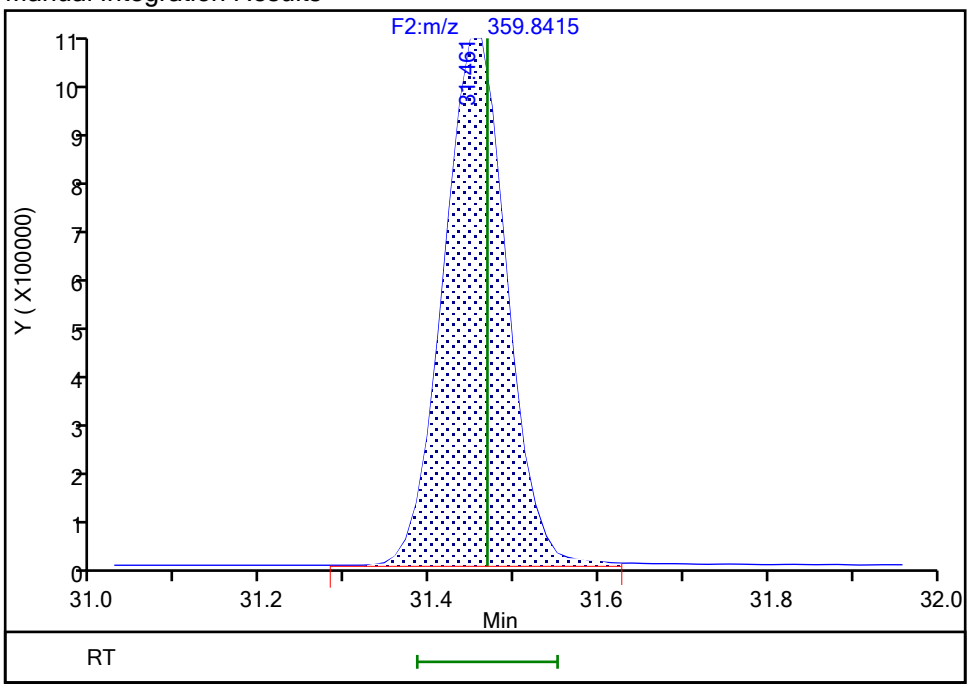
Processing Integration Results

RT: 31.46
Area: 5527882
Amount: 306.2691
Amount Units: pg/ul



Manual Integration Results

RT: 31.46
Area: 5510035
Amount: 305.7144
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:17:18 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

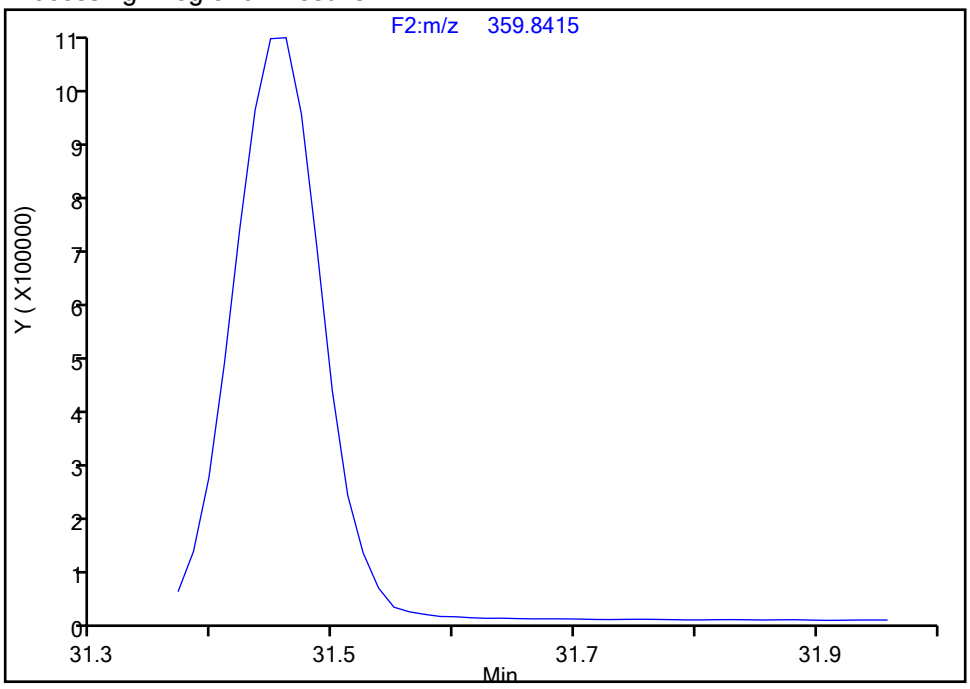
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

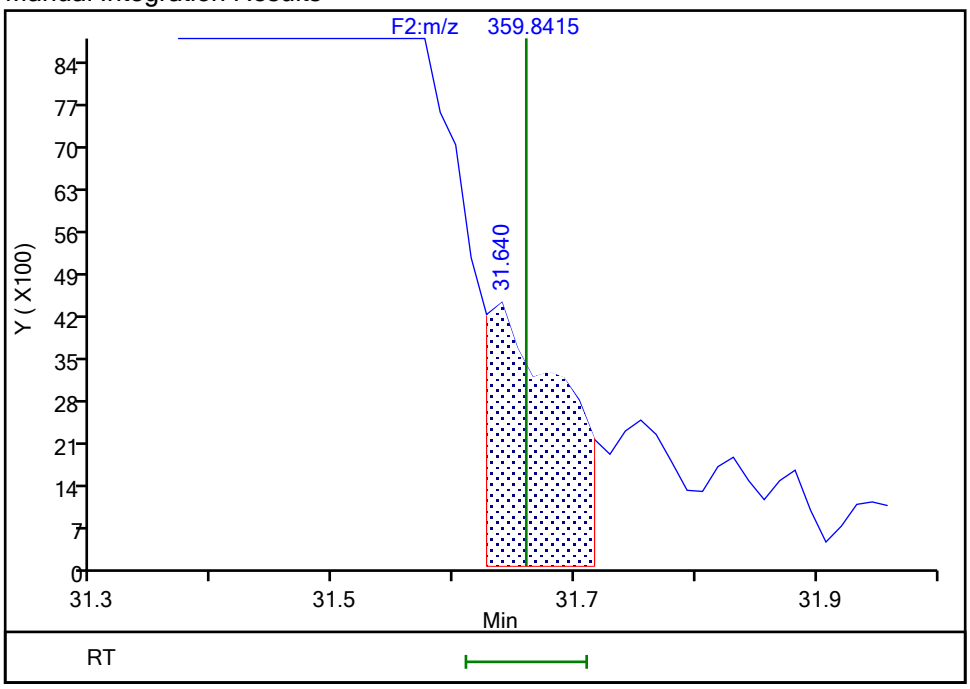
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.64
Area: 17846
Amount: 0.763086
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:20:45 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

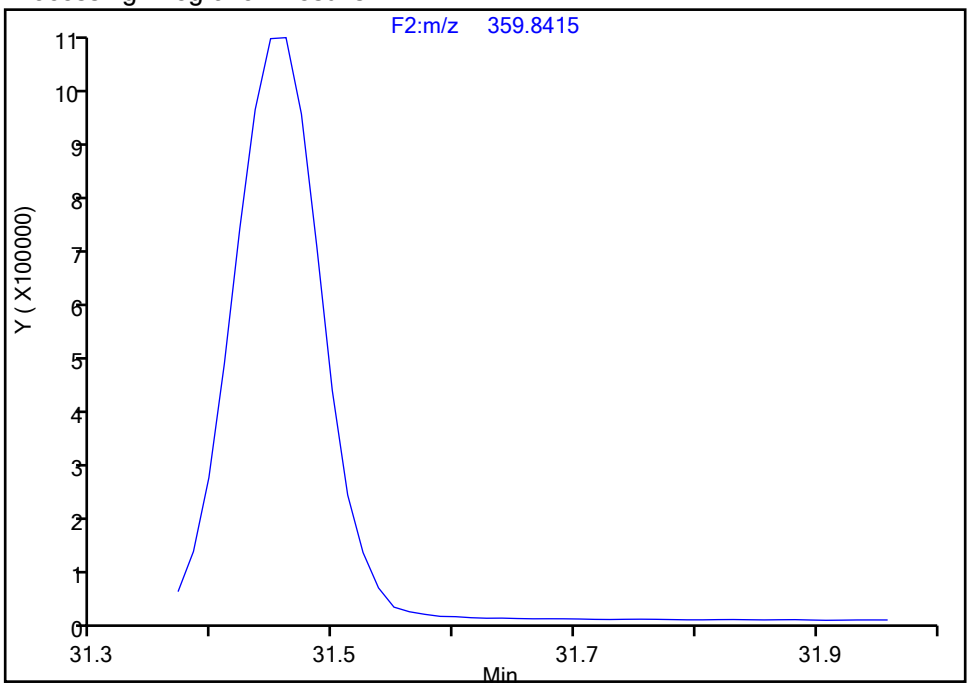
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-152, CAS: 68194-09-2

Signal: 1

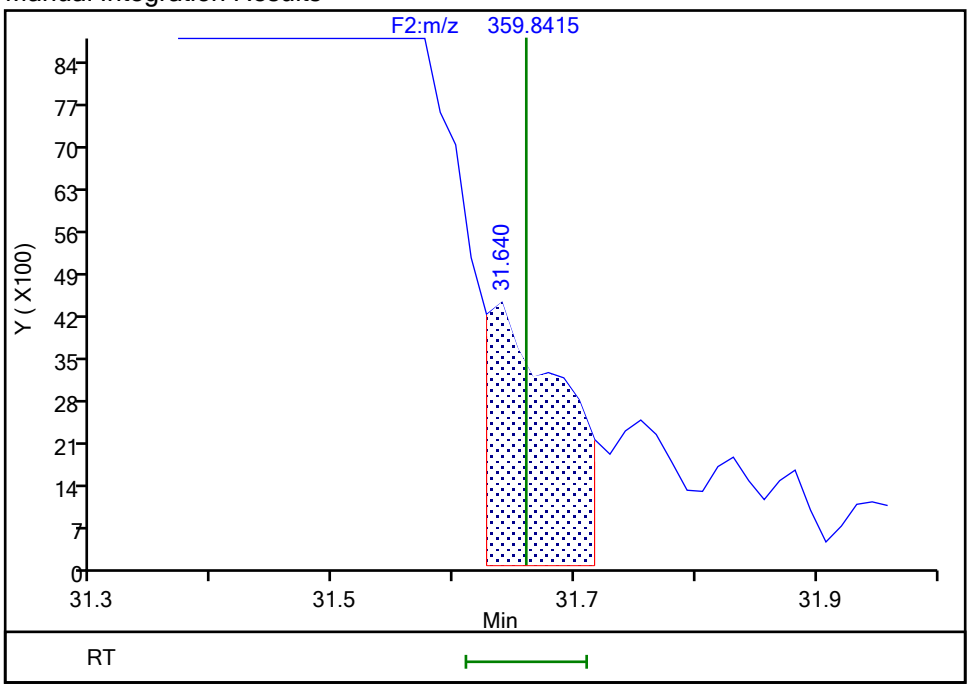
Not Detected
Expected RT: 31.66

Processing Integration Results



Manual Integration Results

RT: 31.64
Area: 17846
Amount: 0.763086
Amount Units: pg/ul



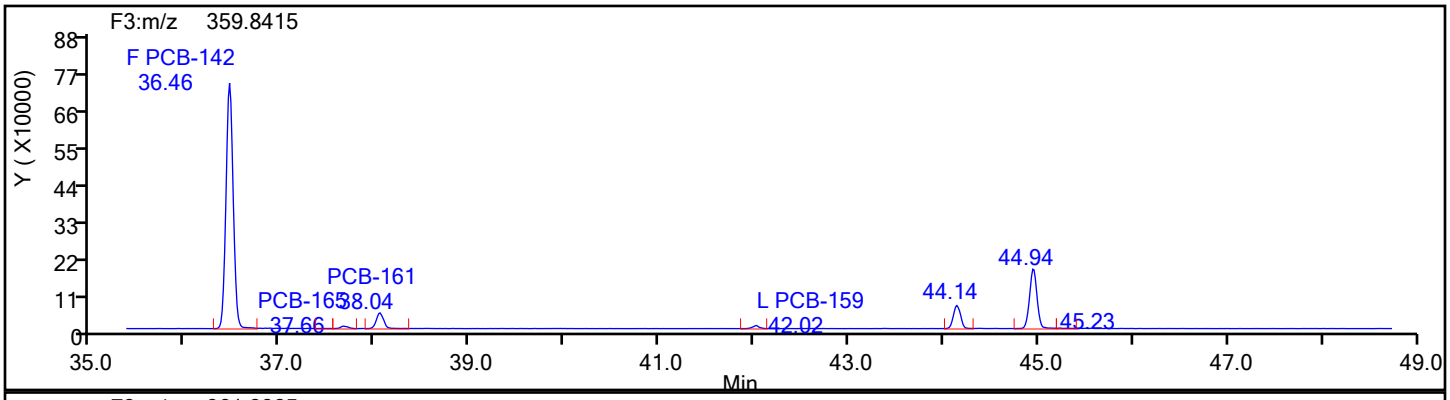
Reviewer: V4XA, 05-Jan-2024 01:20:47 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Baseline

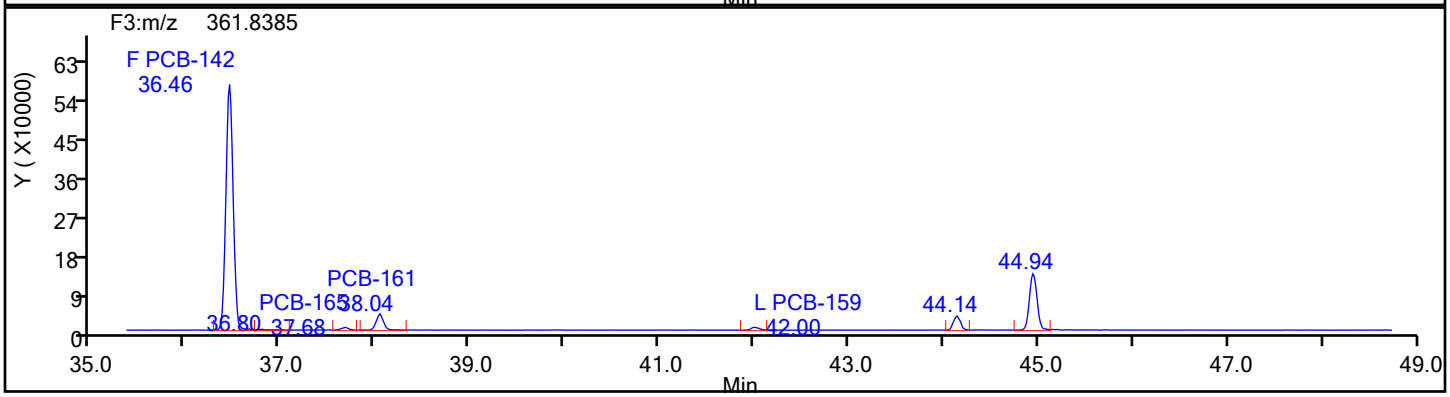
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

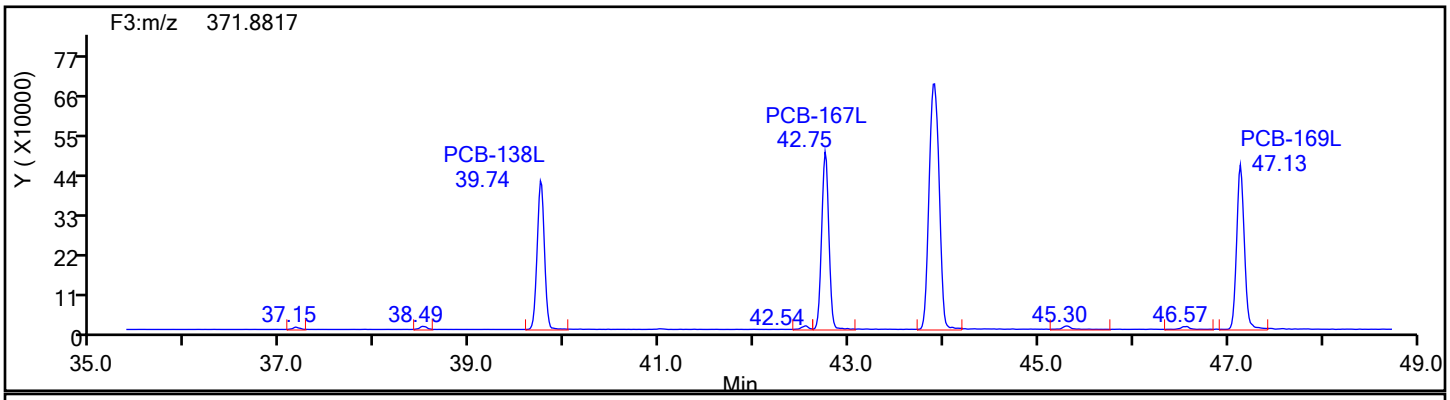
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

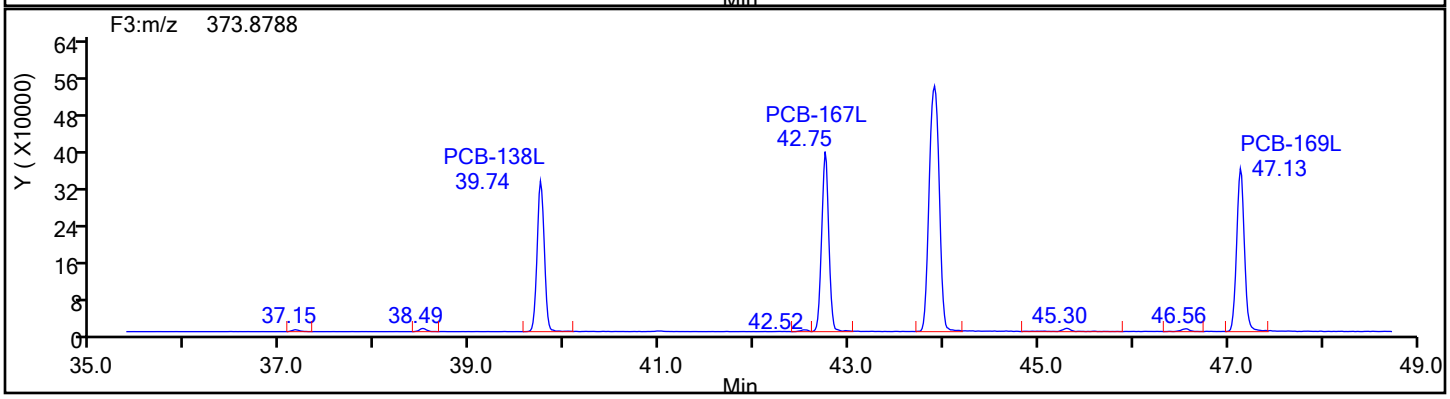
HxPCB F3





HxPCB F3 Standards



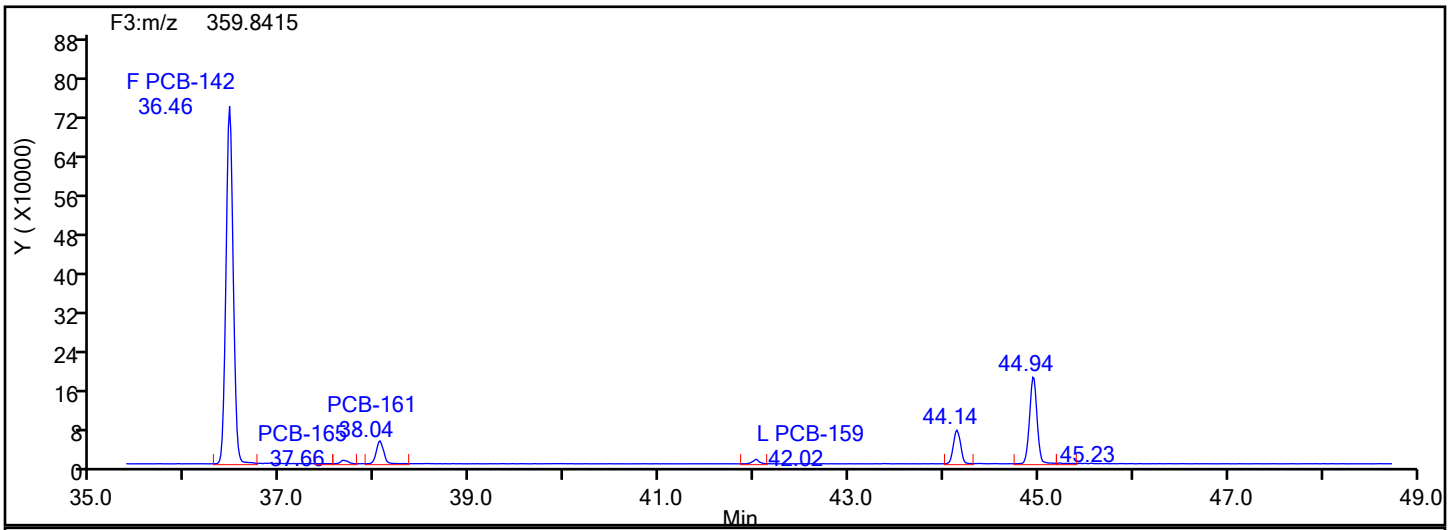


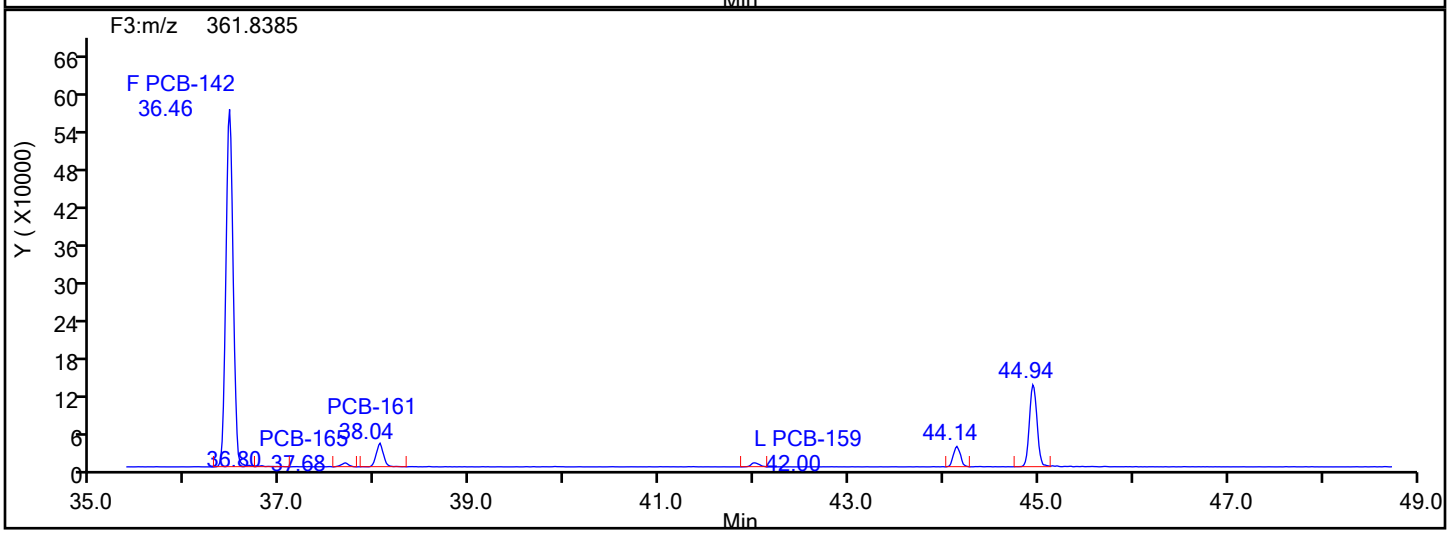
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

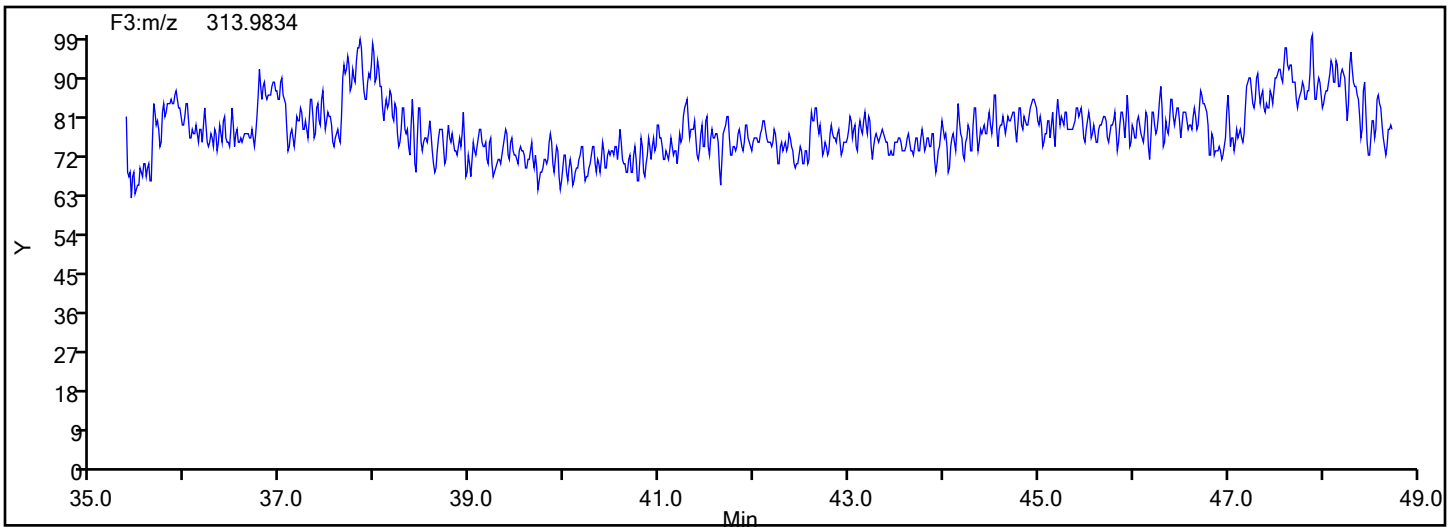
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

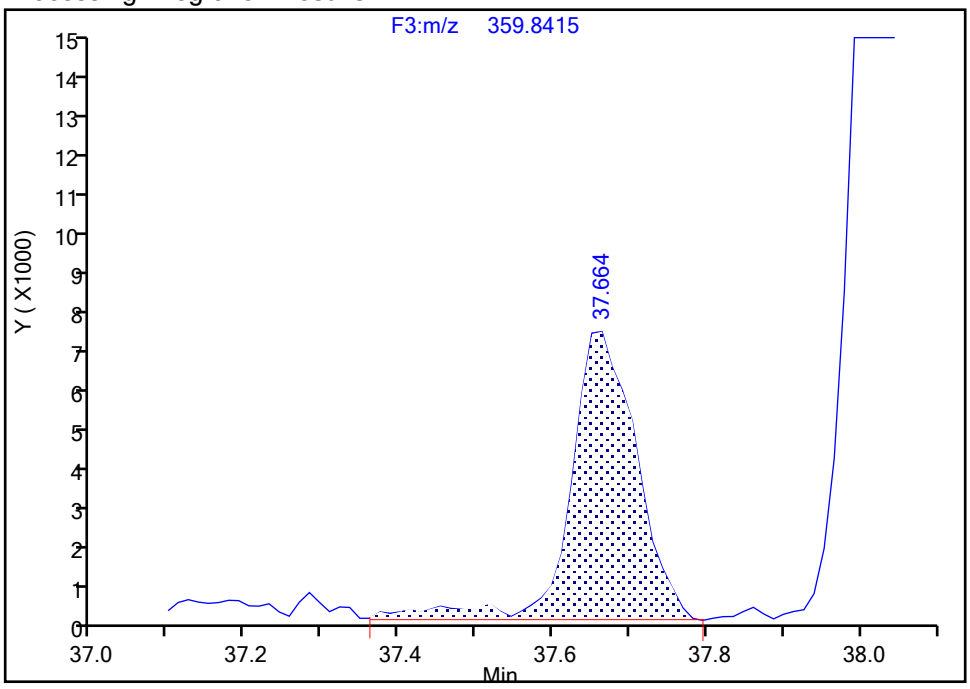
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-165, CAS: 74472-46-1

Signal: 1

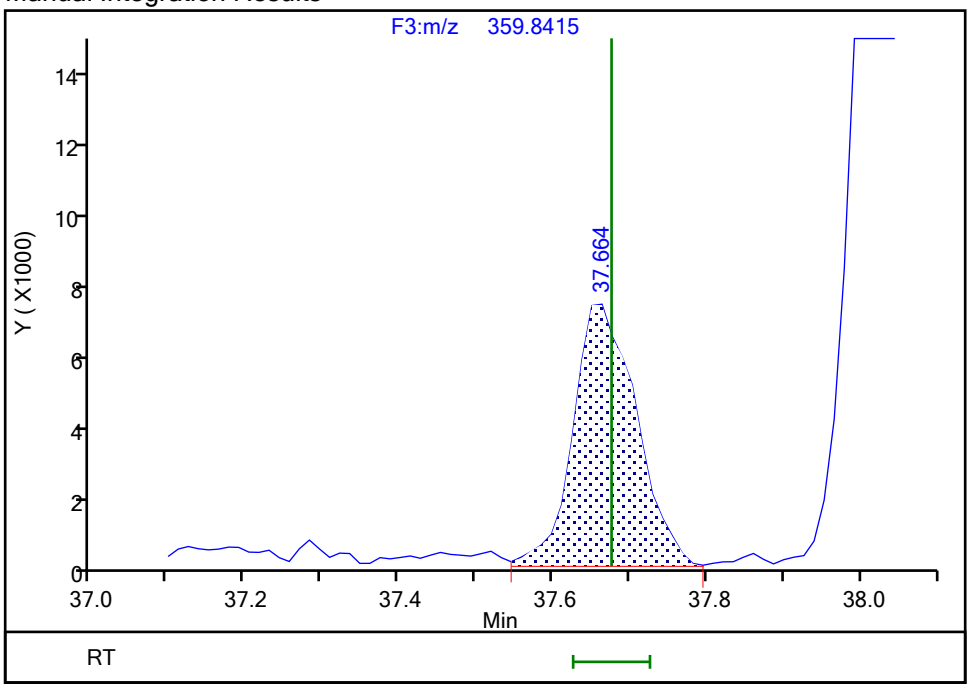
Processing Integration Results

RT: 37.66
Area: 43451
Amount: 1.779863
Amount Units: pg/ul



Manual Integration Results

RT: 37.66
Area: 40714
Amount: 1.718056
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:17:50 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

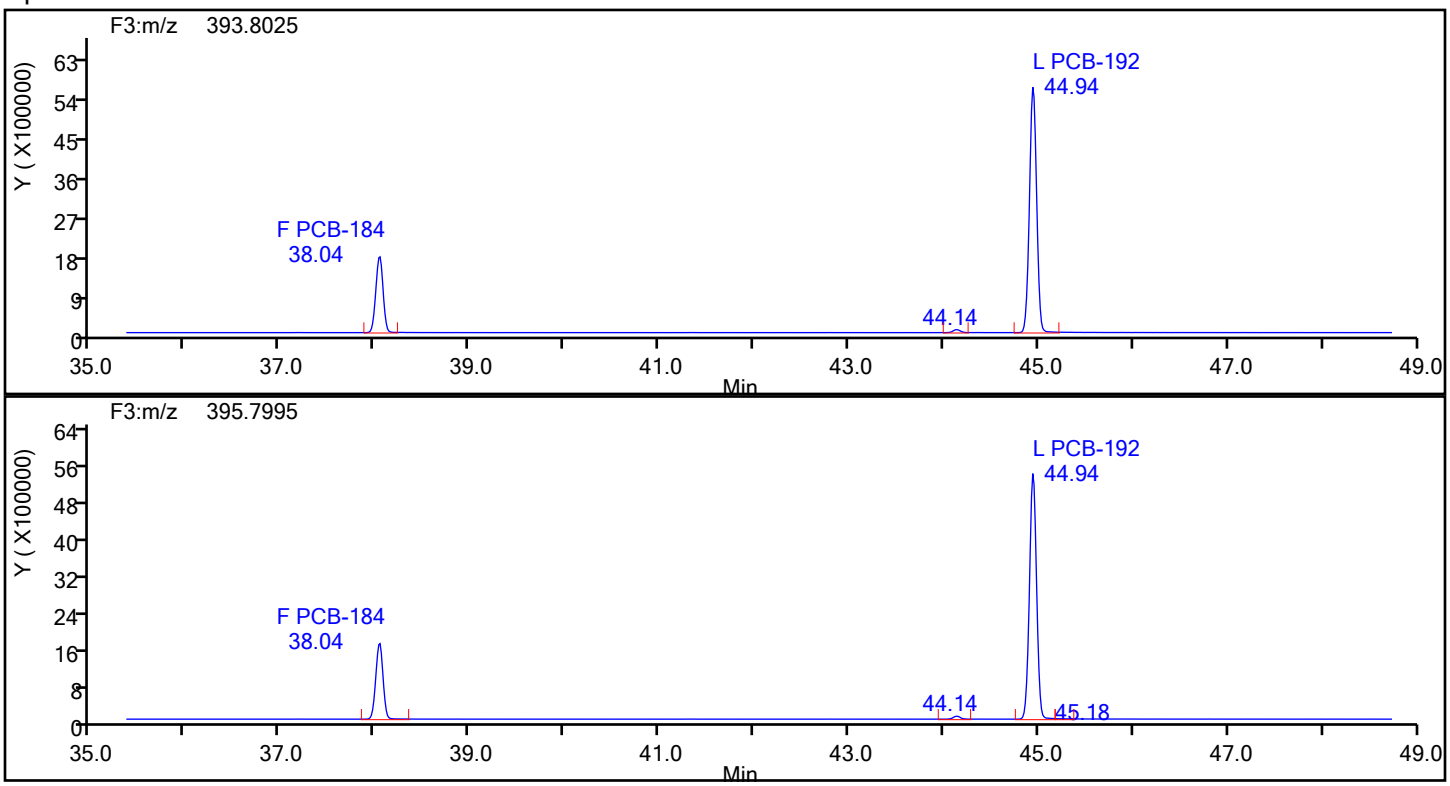
Report Date: 05-Jan-2024 01:21:11 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

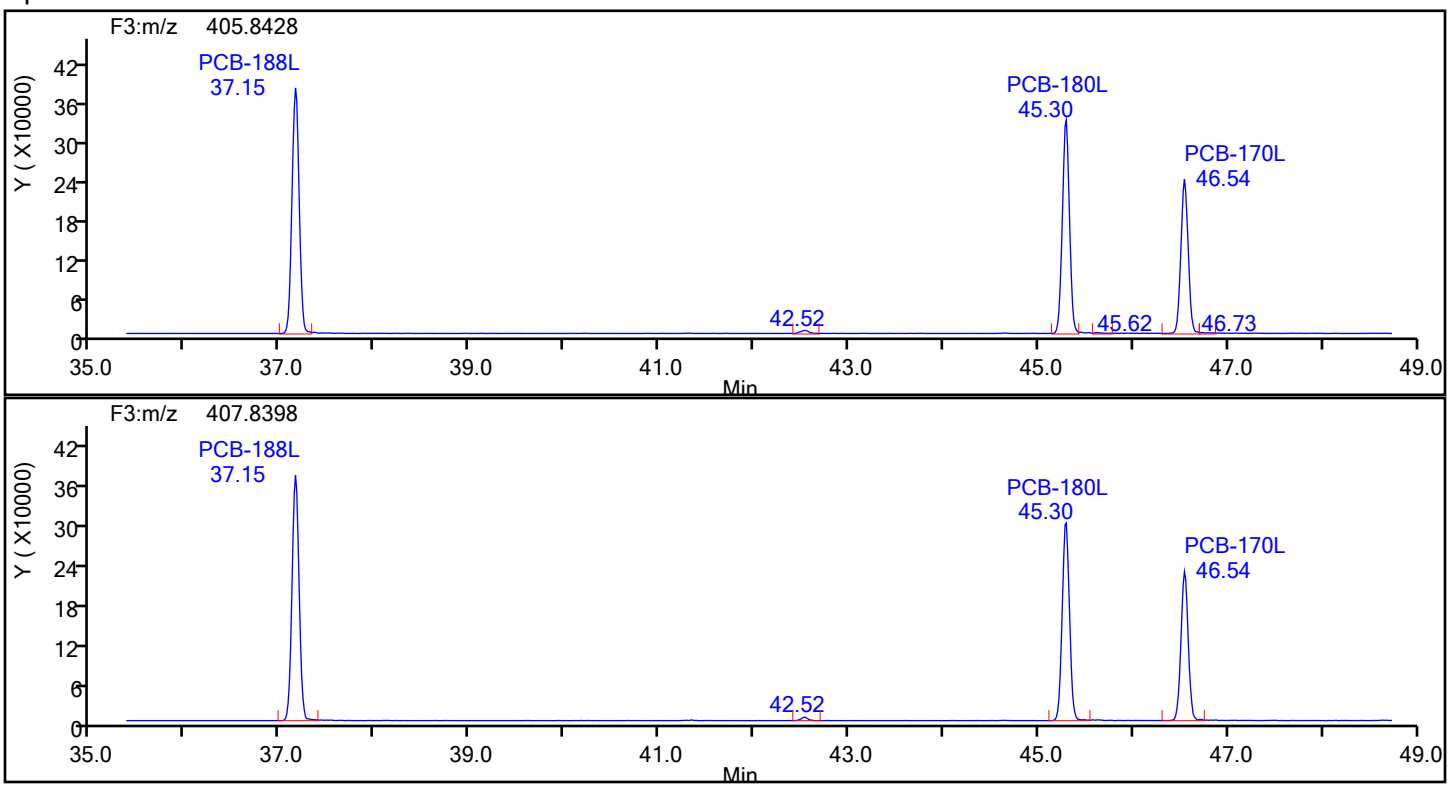
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

HpPCB F3



HpPCB F3 Standards

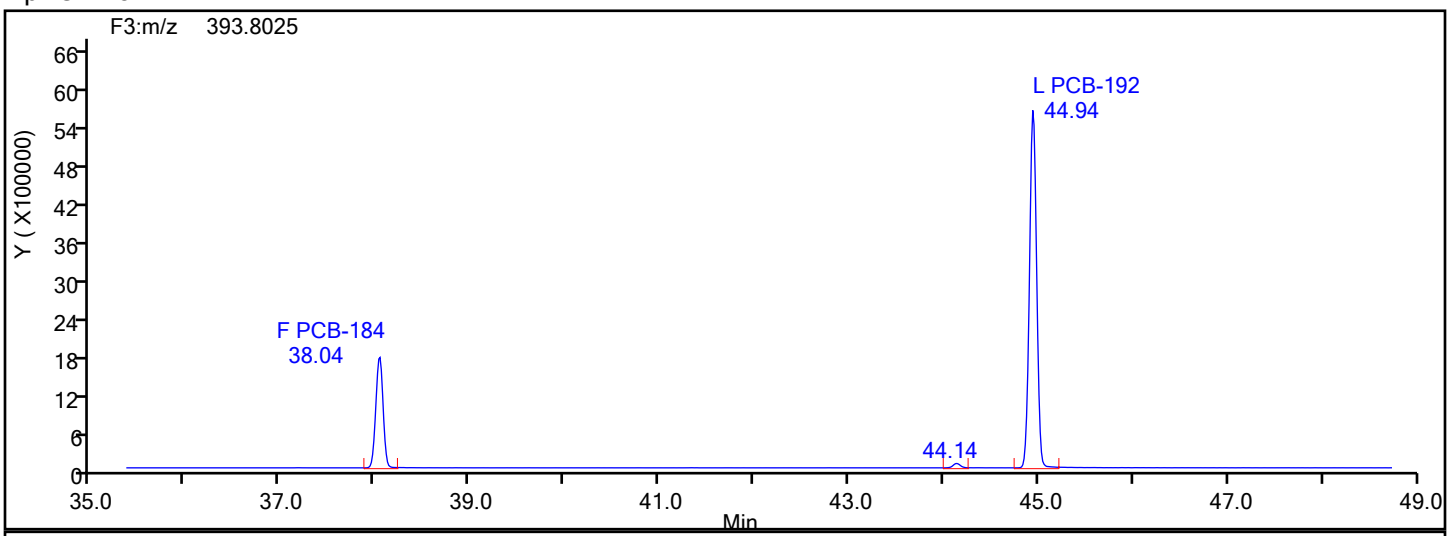


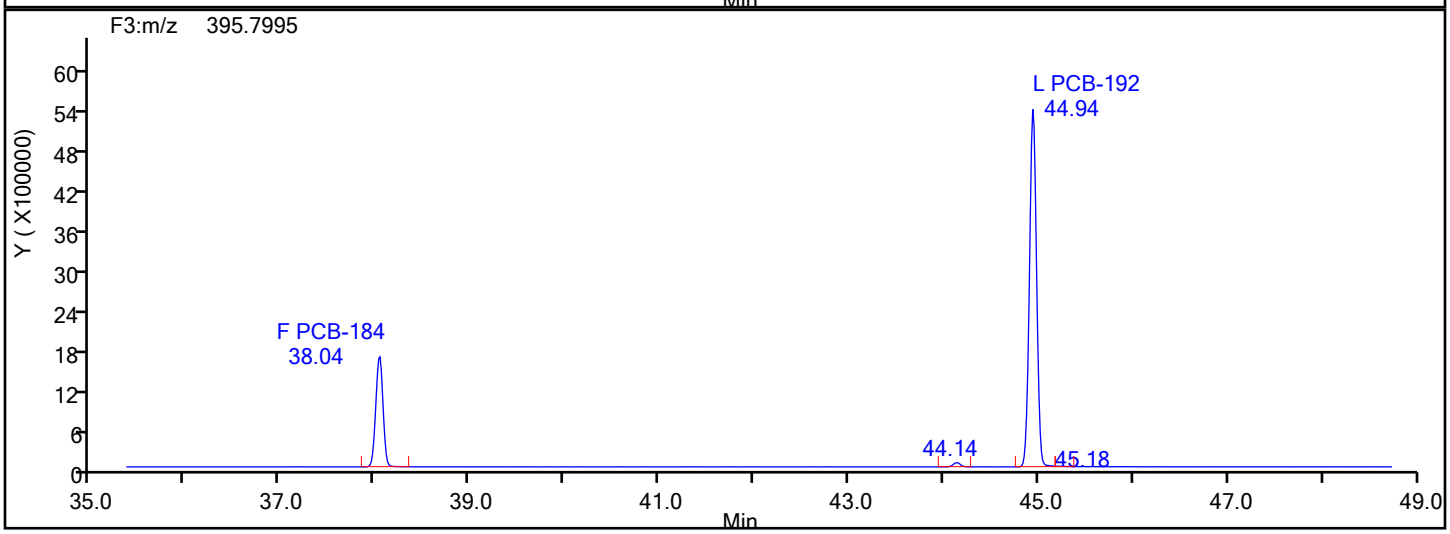
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

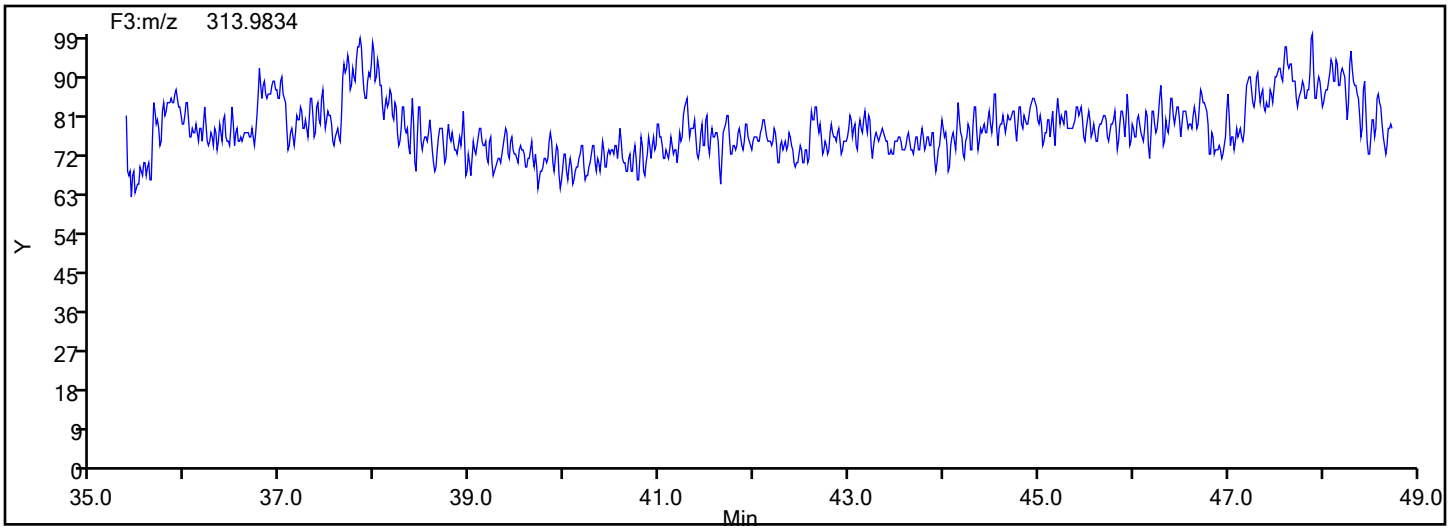
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



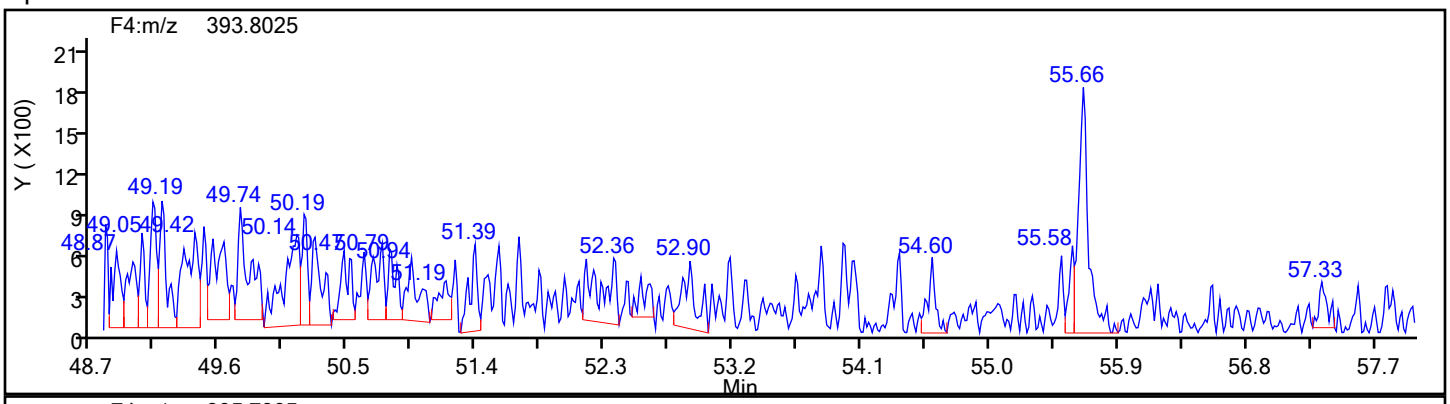
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

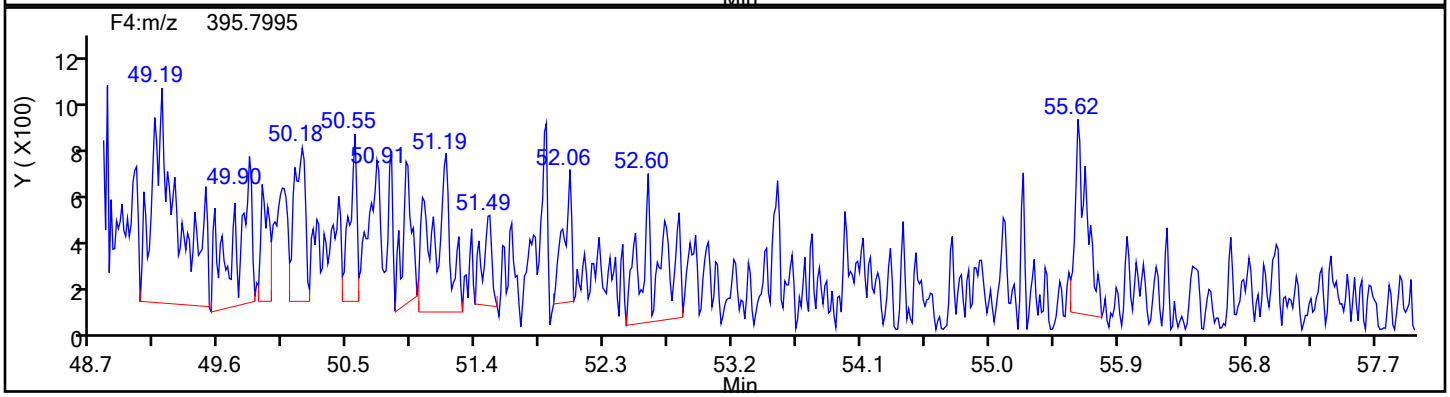
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

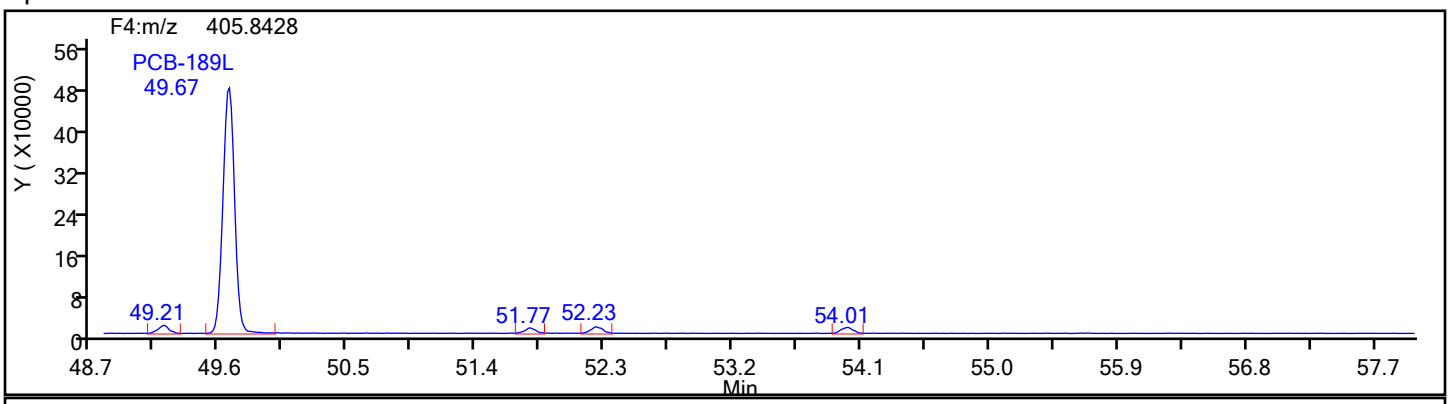
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

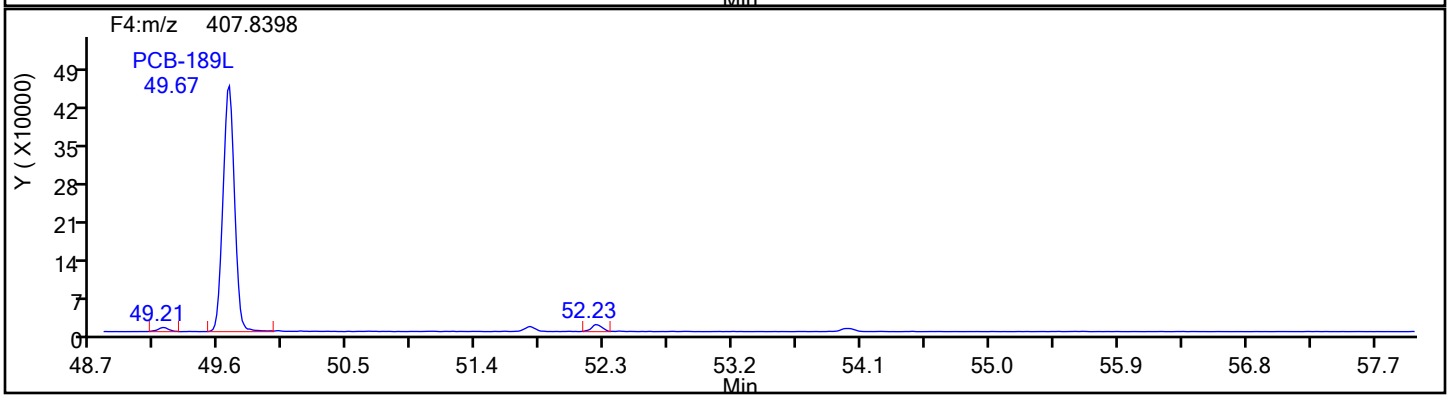
HpPCB F4





HpPCB F4 Standards



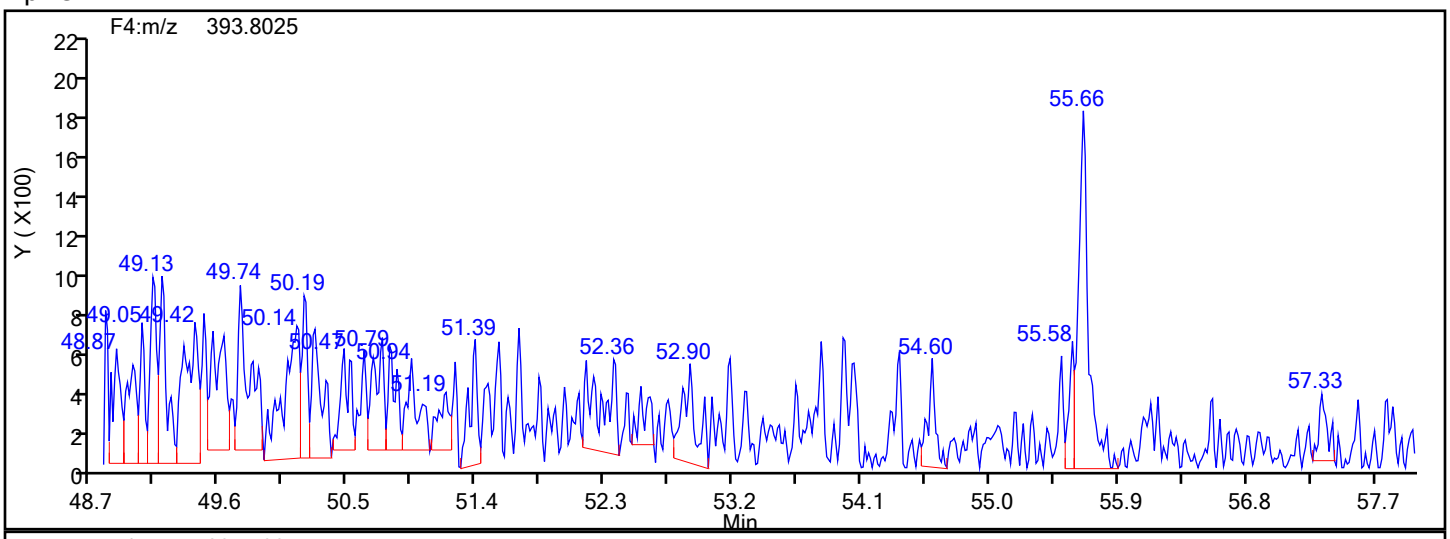


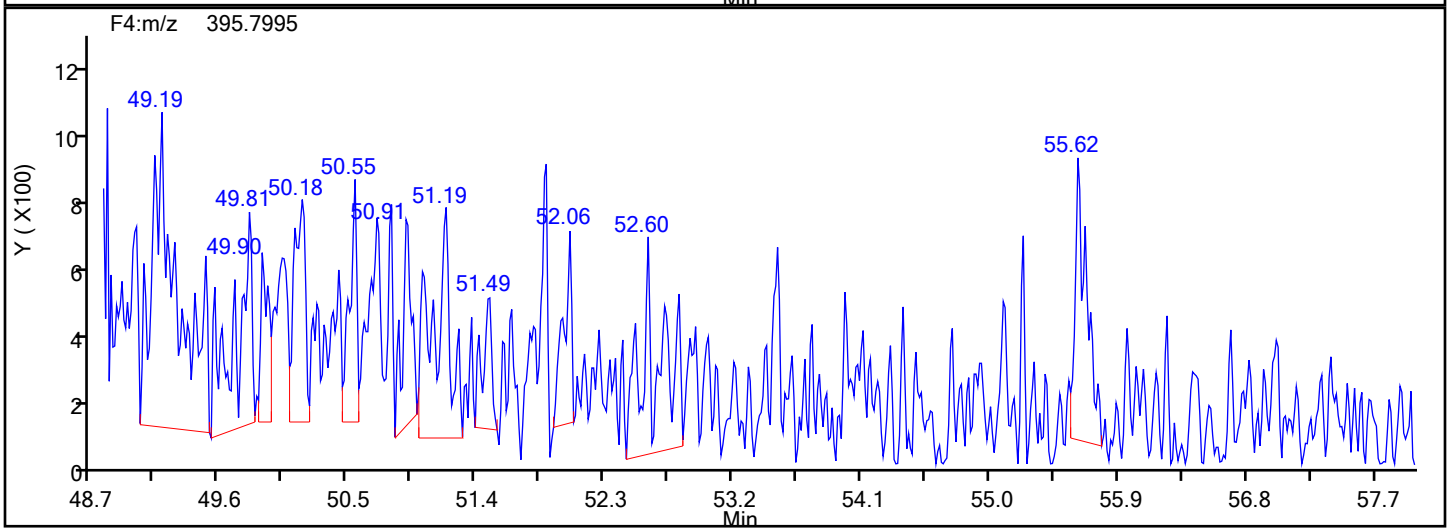
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

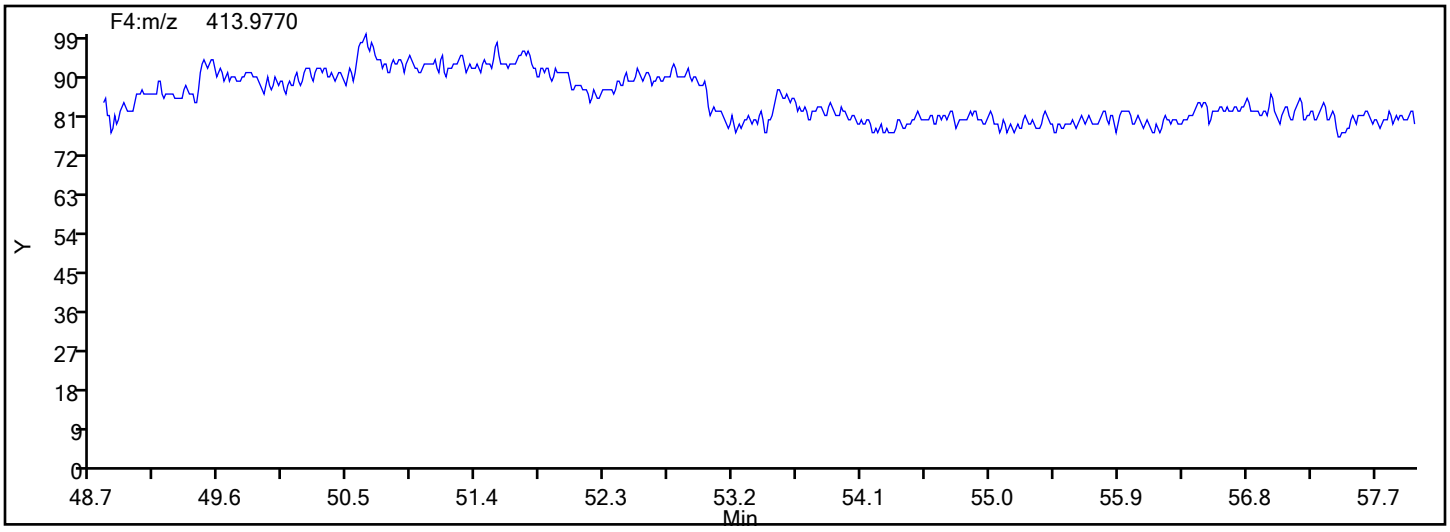
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



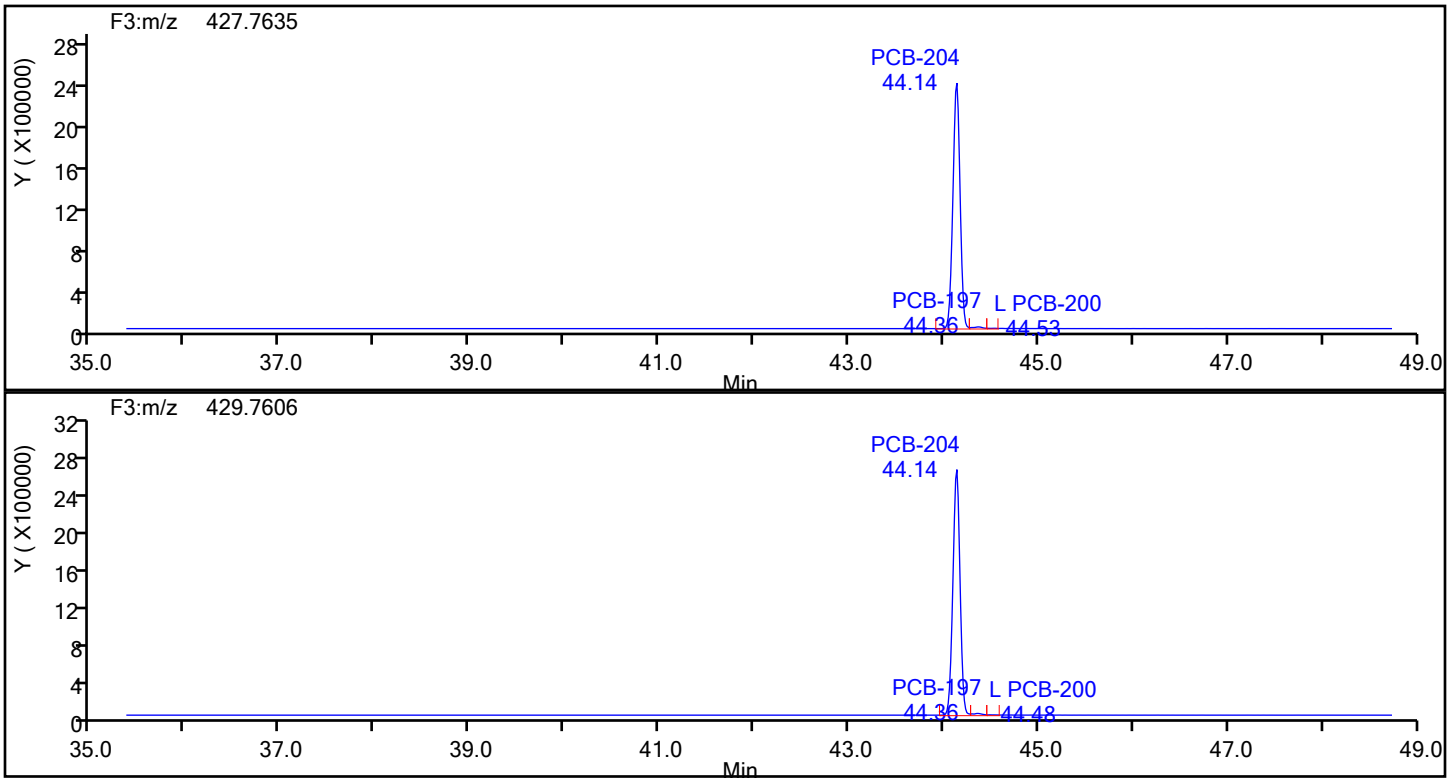
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

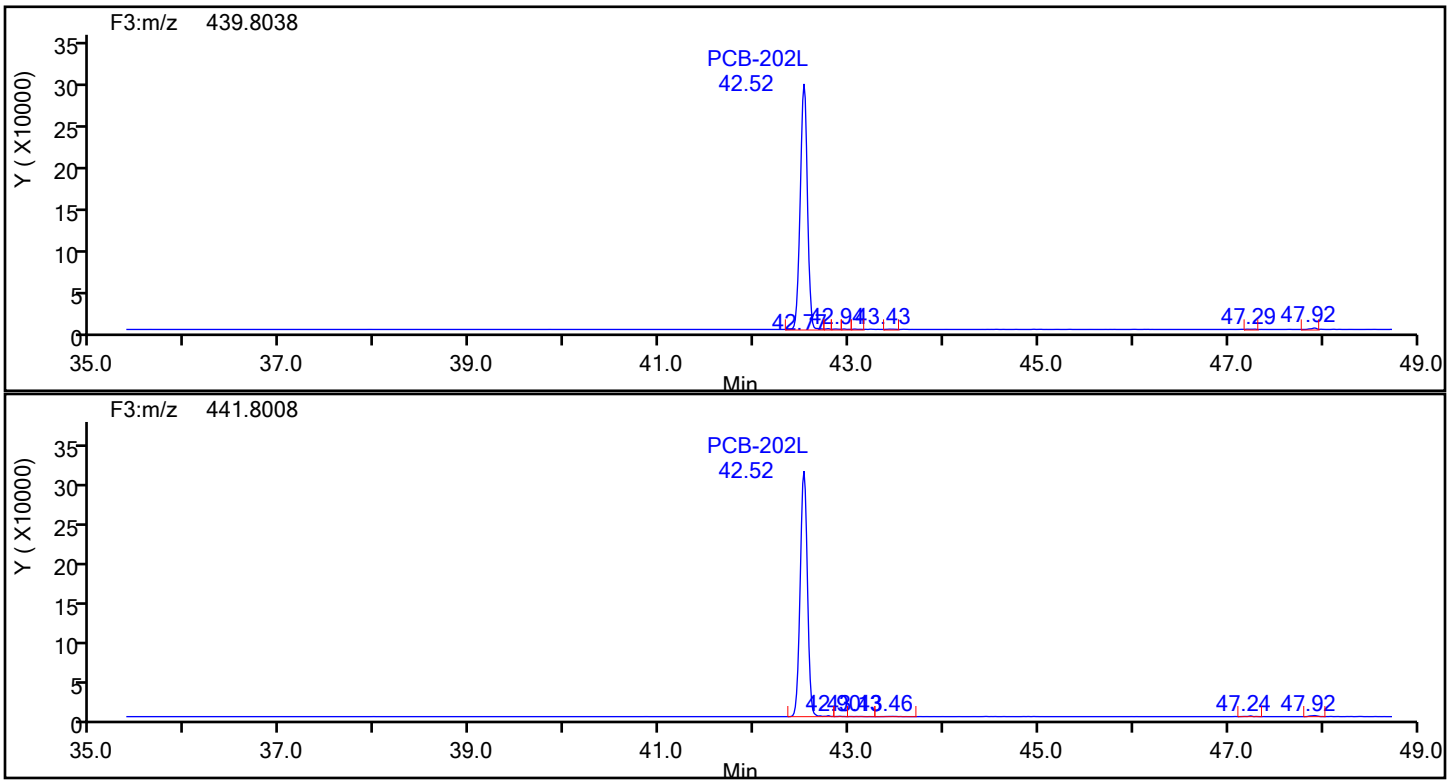
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

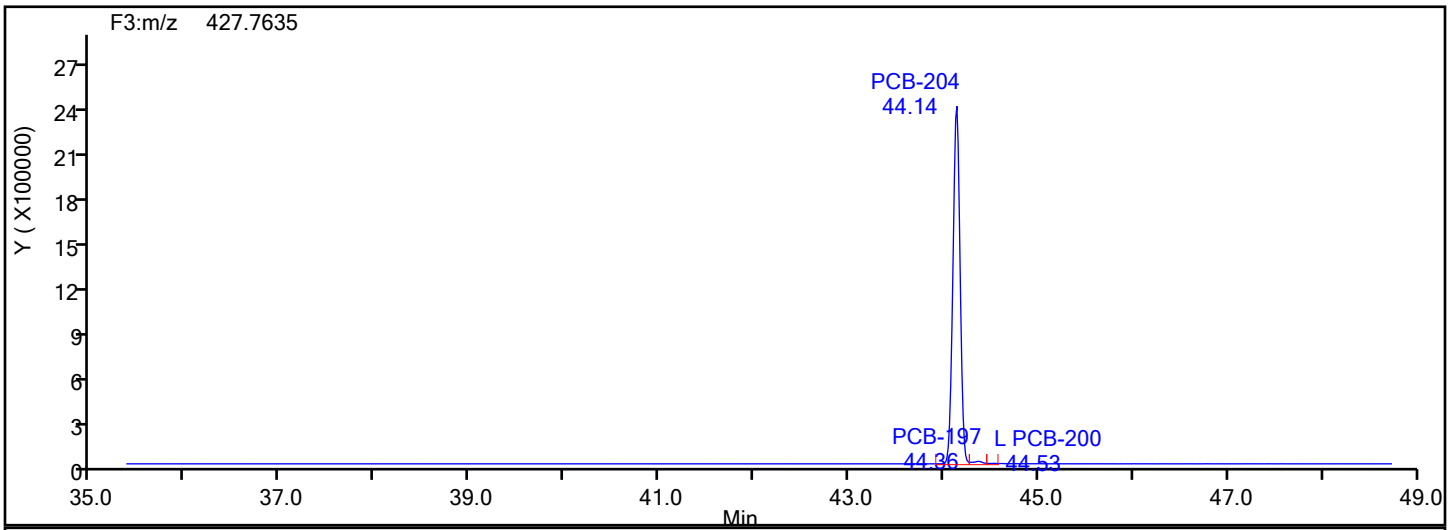


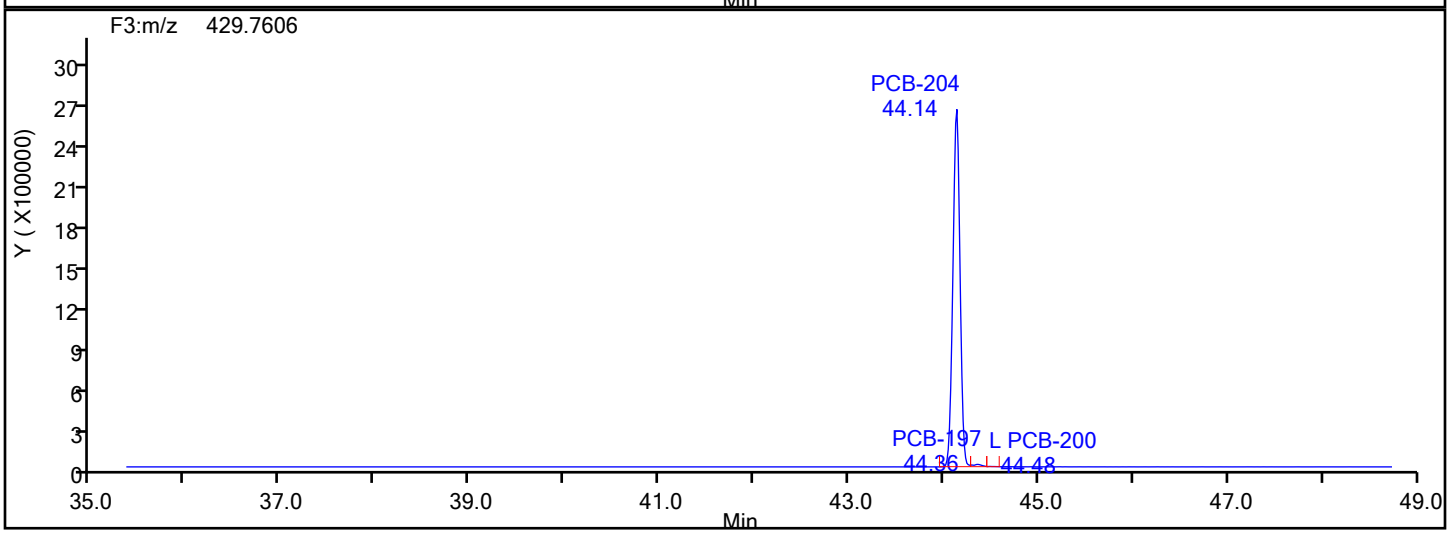
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

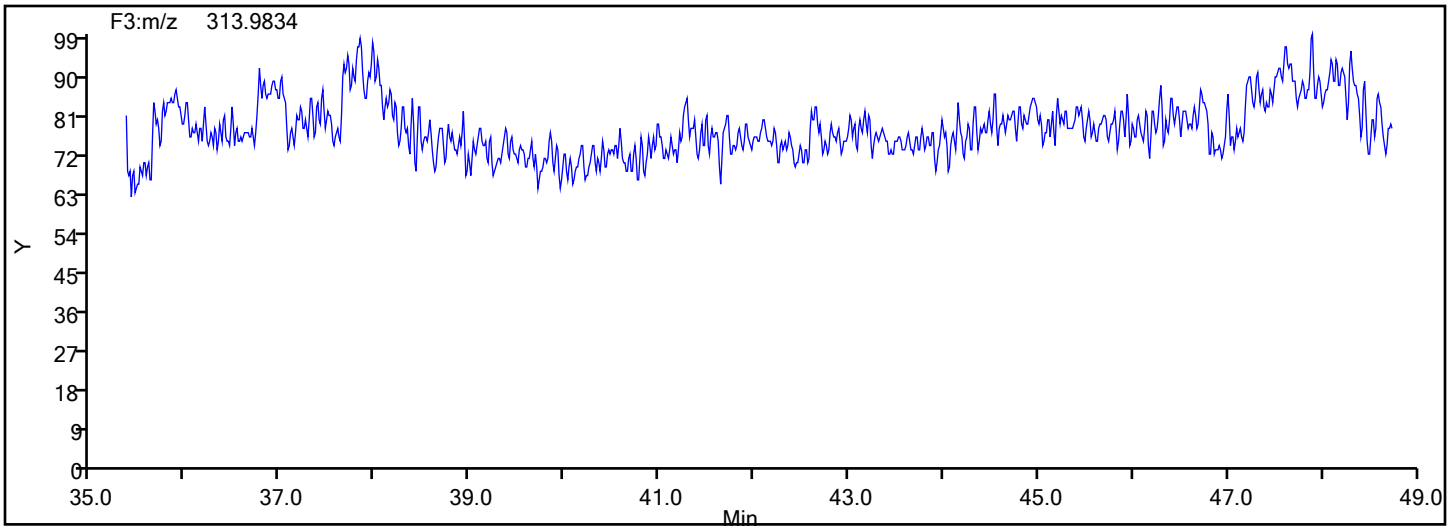
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

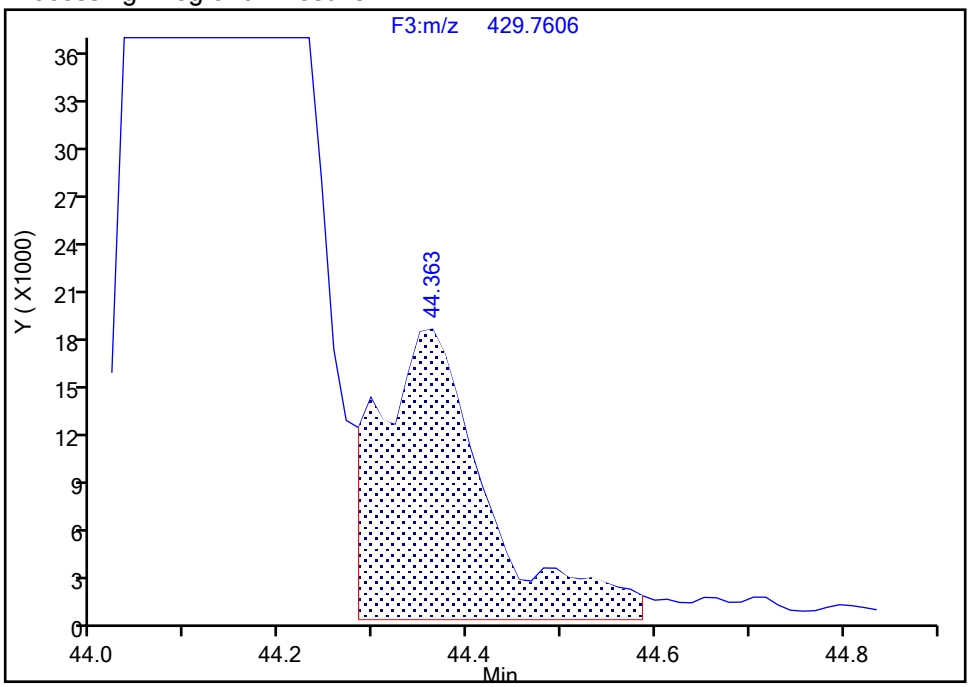
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 2

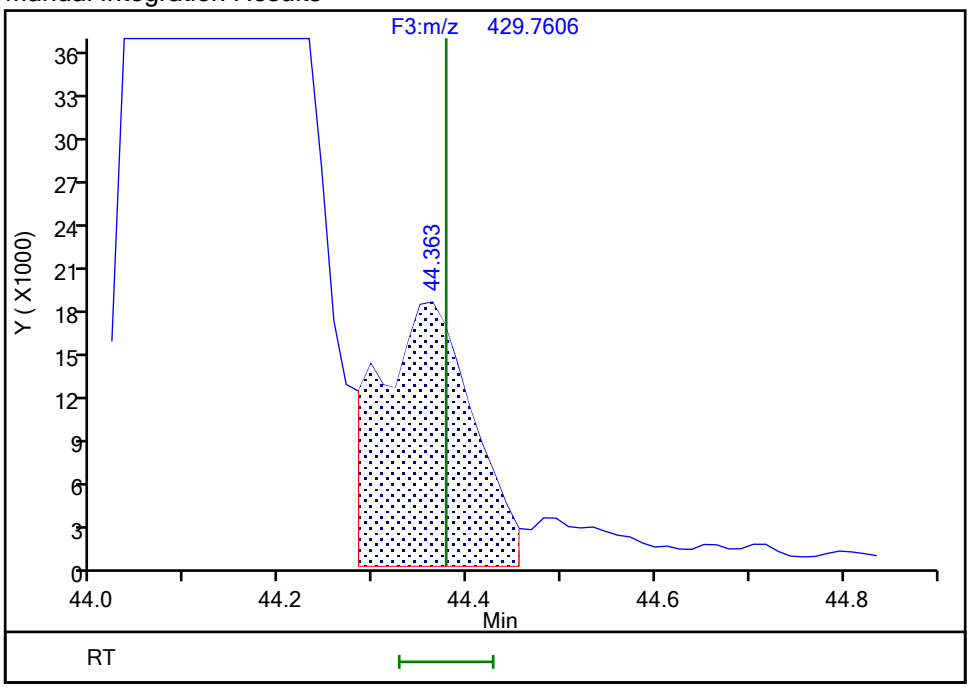
Processing Integration Results

RT: 44.36
Area: 146802
Amount: 7.441091
Amount Units: pg/ul



Manual Integration Results

RT: 44.36
Area: 126537
Amount: 7.357522
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:19:00 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

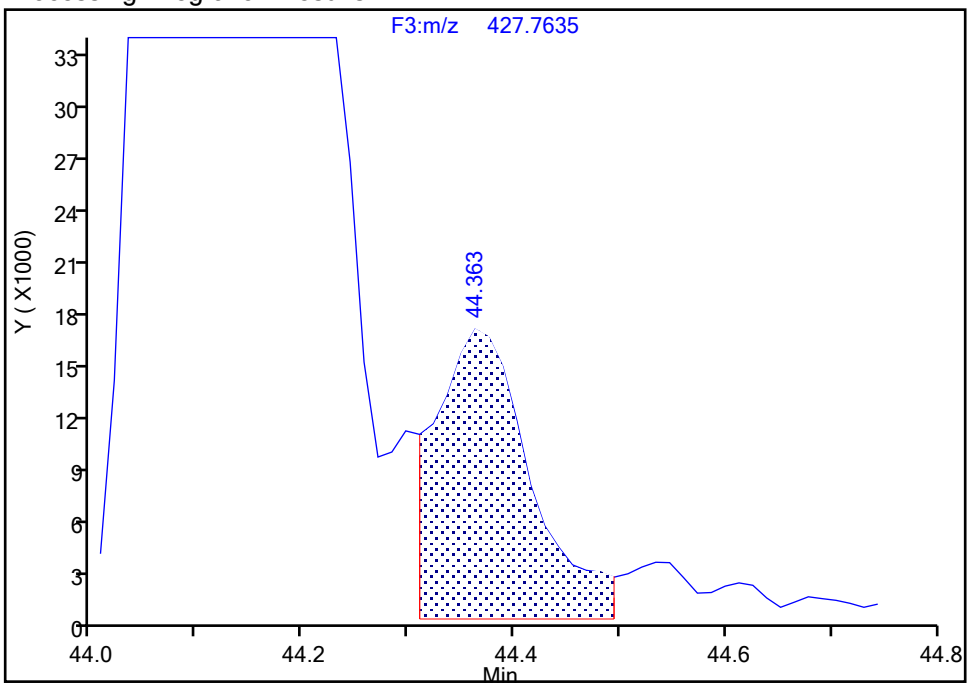
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-197, CAS: 33091-17-7

Signal: 1

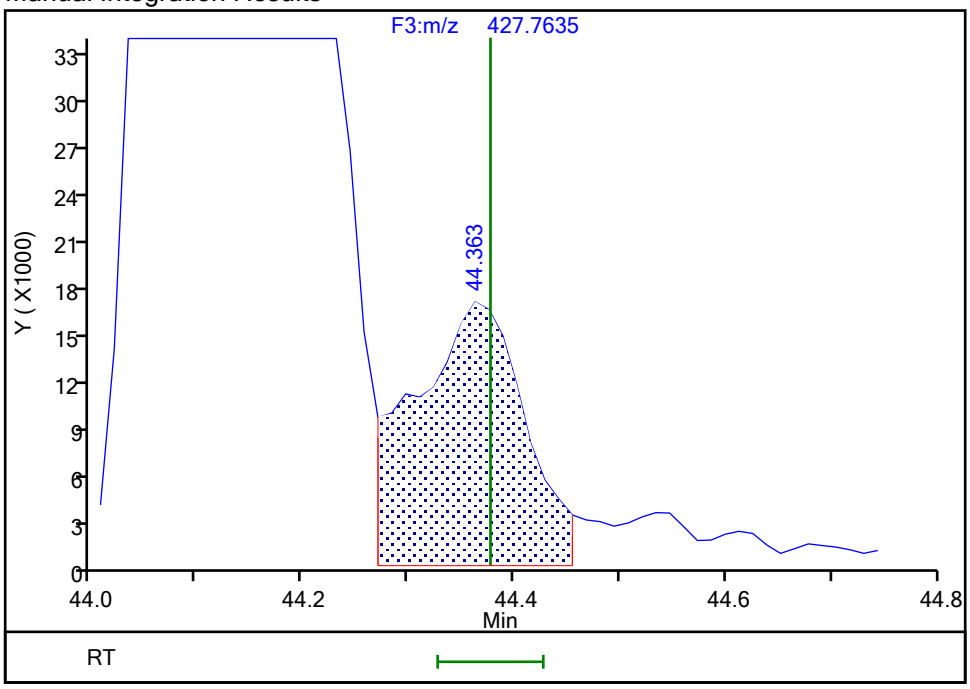
Processing Integration Results

RT: 44.36
Area: 103224
Amount: 7.441091
Amount Units: pg/ul



Manual Integration Results

RT: 44.36
Area: 120681
Amount: 7.357522
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:19:29 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

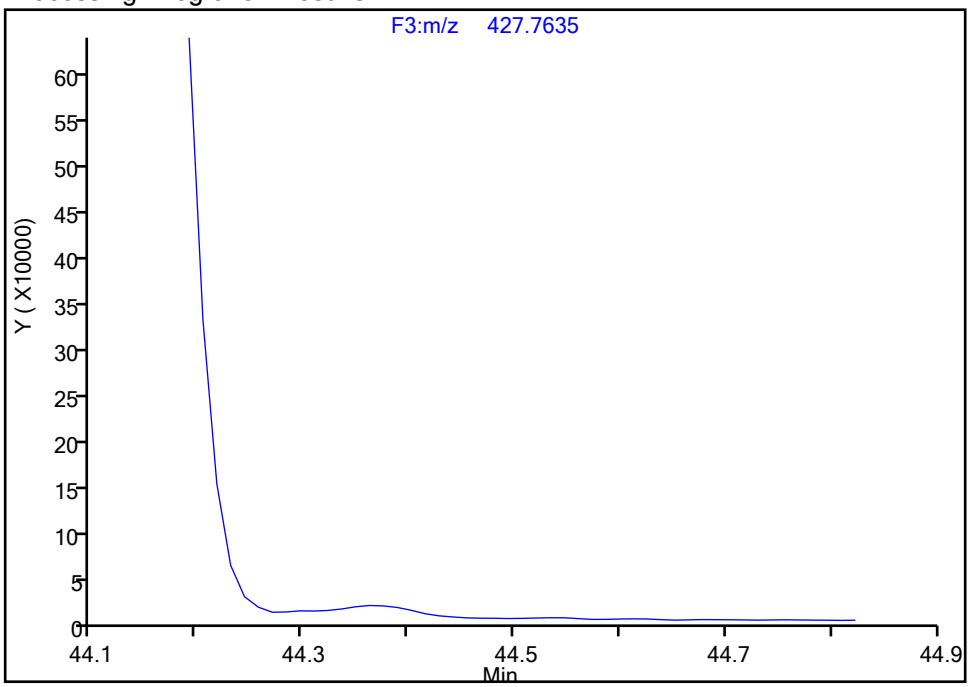
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-200, CAS: 52663-73-7

Signal: 1

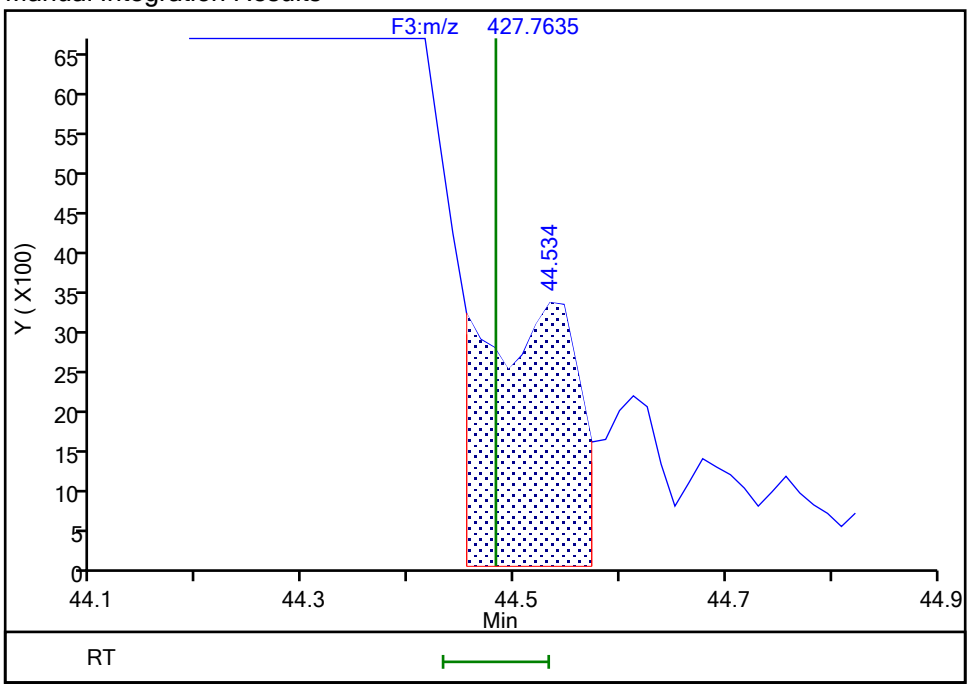
Not Detected
Expected RT: 44.48

Processing Integration Results



Manual Integration Results

RT: 44.53
Area: 19939
Amount: 1.297416
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:19:33 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

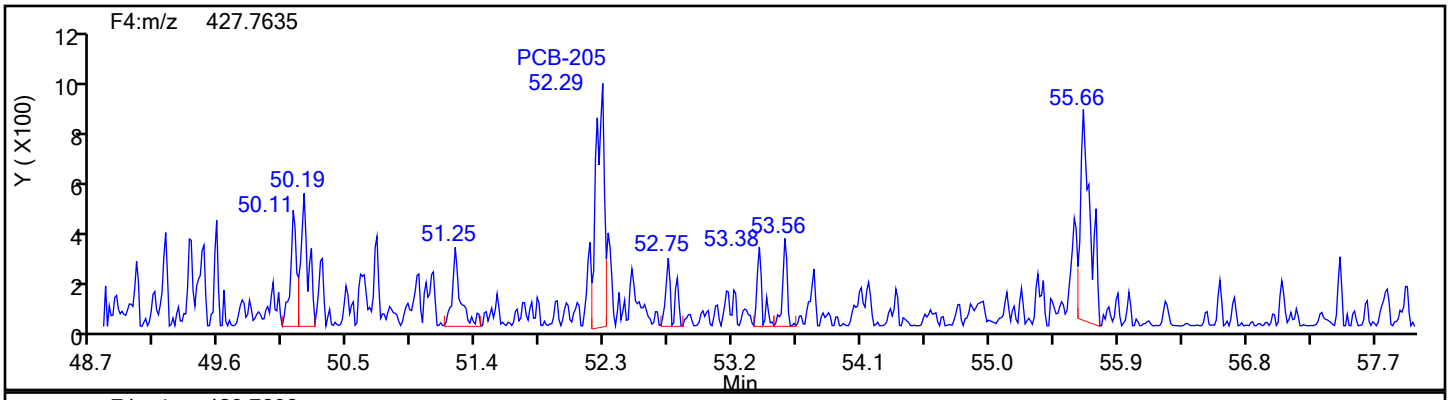
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

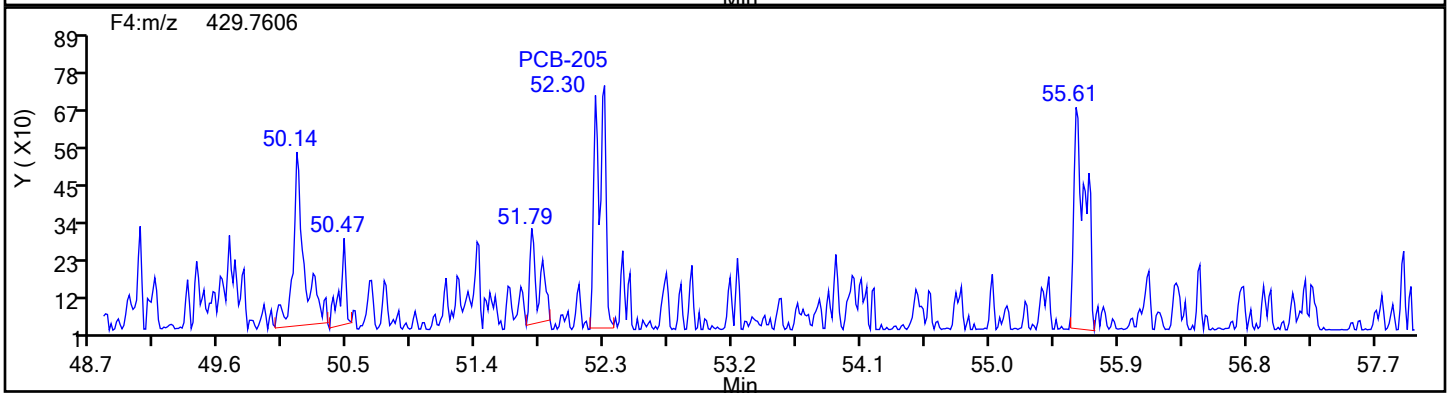
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

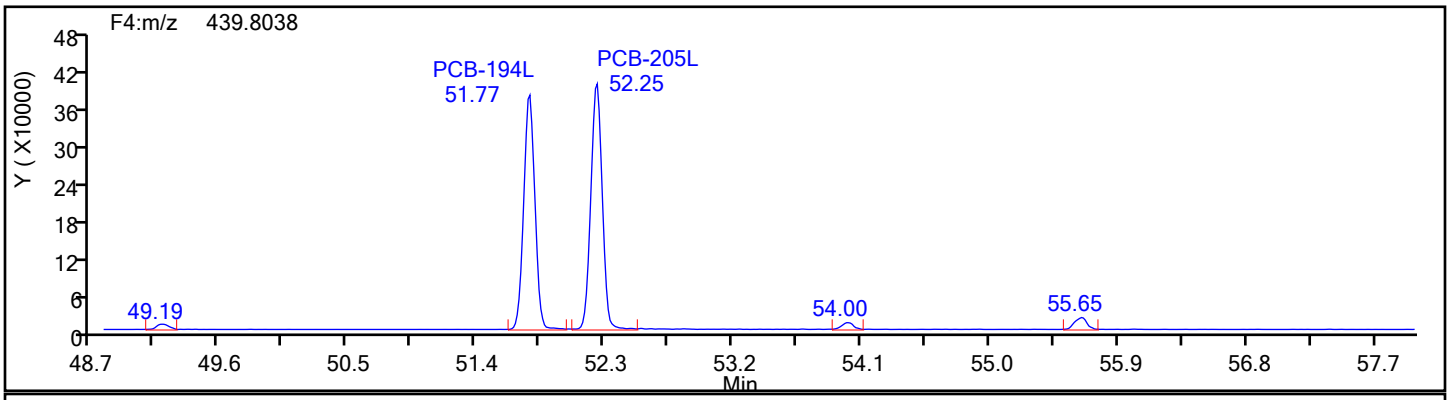
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

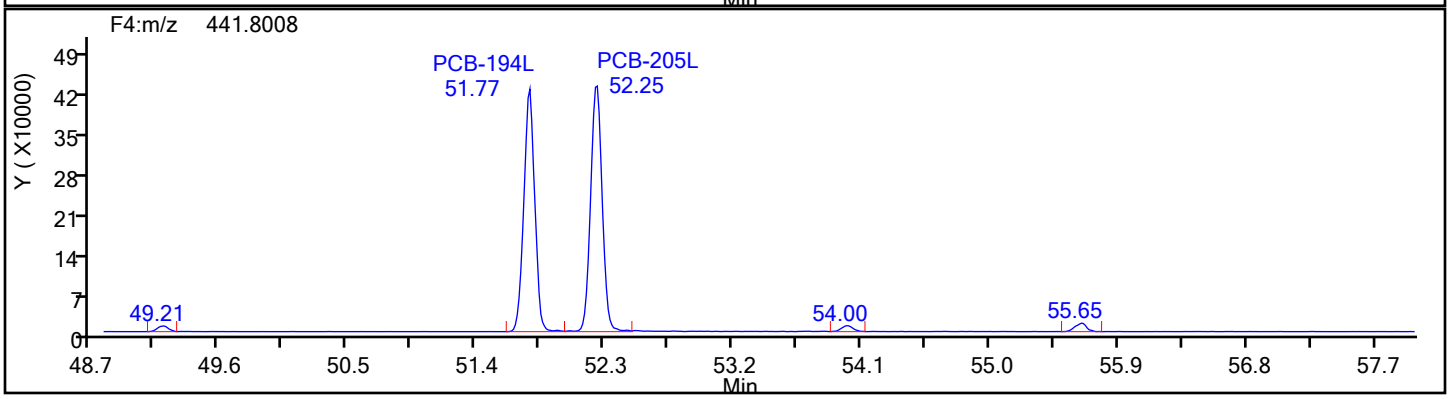
OcPCB F4





OcPCB F4 Standards





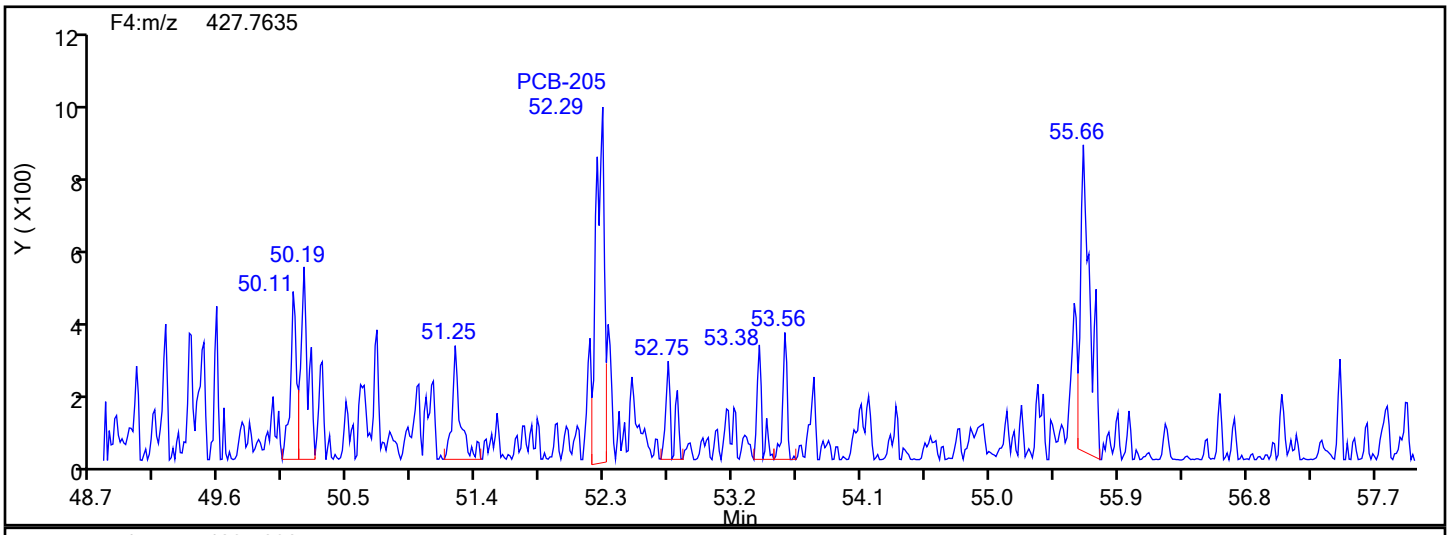
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

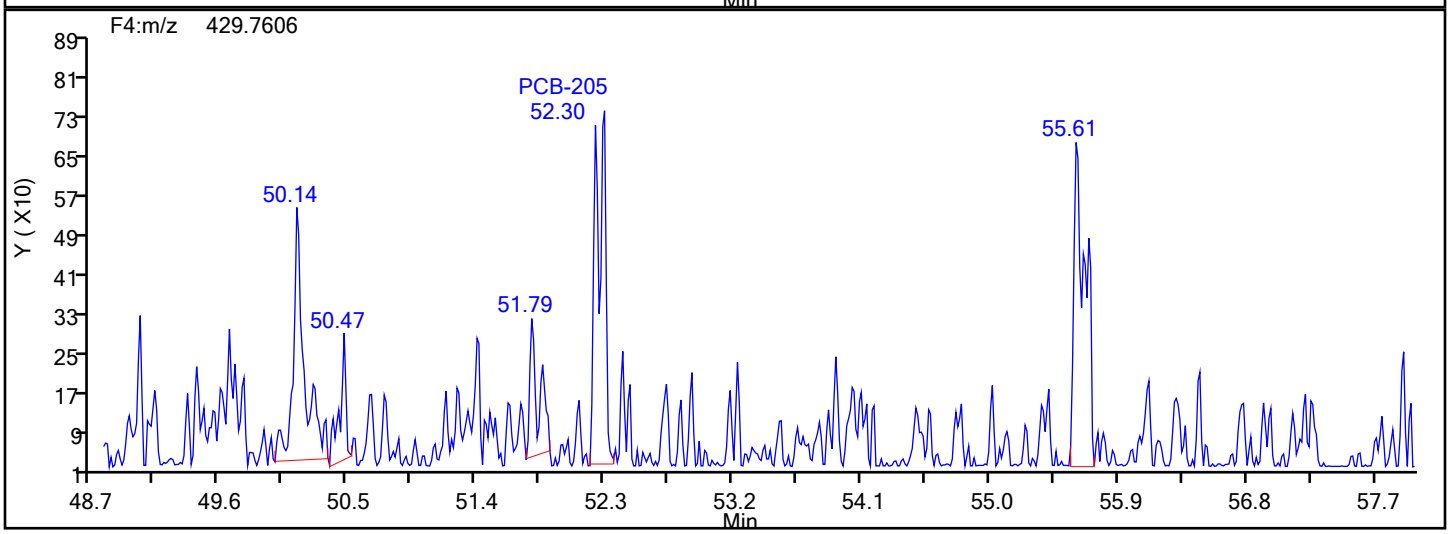
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d

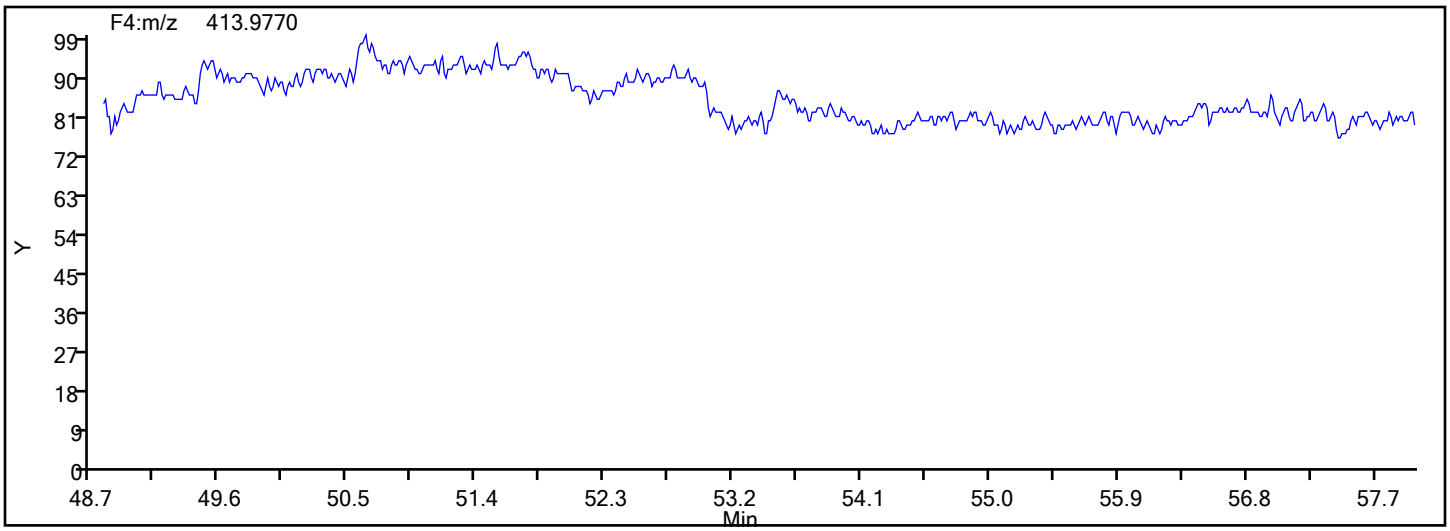
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

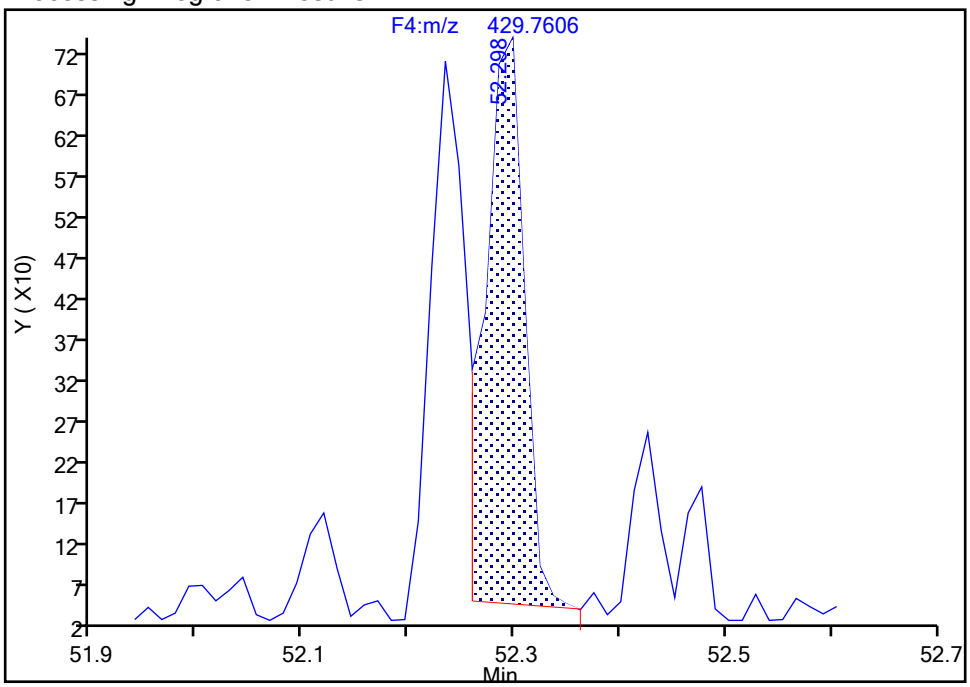
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-205, CAS: 74472-53-0

Signal: 2

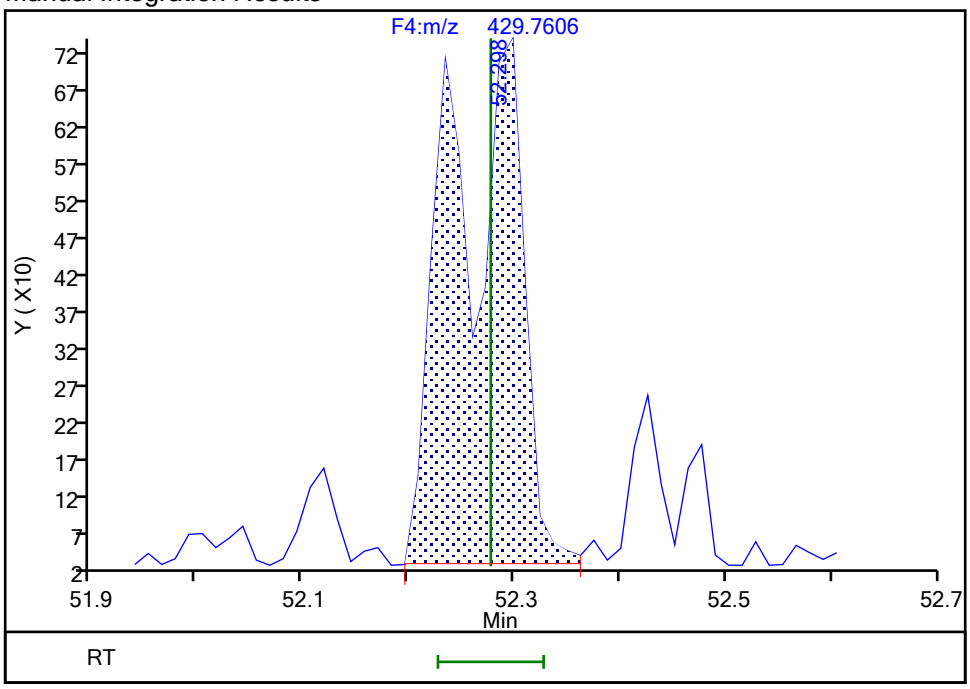
Processing Integration Results

RT: 52.30
Area: 1732
Amount: 0.120493
Amount Units: pg/ul



Manual Integration Results

RT: 52.30
Area: 3330
Amount: 0.131570
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:19:55 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

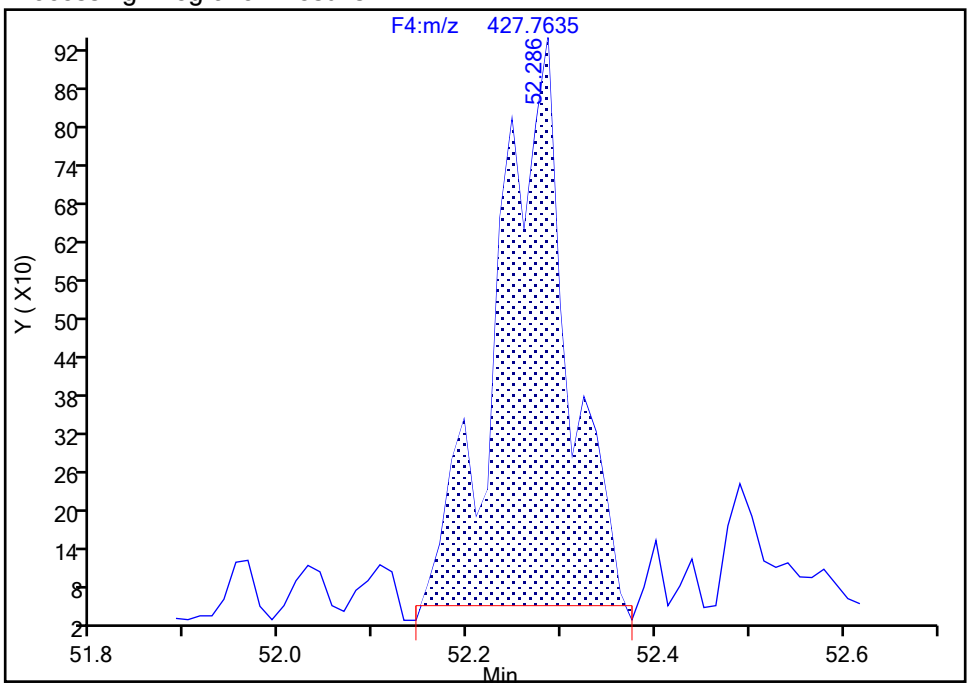
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d
Injection Date: 04-Jan-2024 21:09:00 Instrument ID: D2D
Lims ID: 140-34509-A-9-B Lab Sample ID: 140-34509-9
Client ID: TRIP BLANK PW-03
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 13
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F4(49.20 :57.50)

PCB-205, CAS: 74472-53-0

Signal: 1

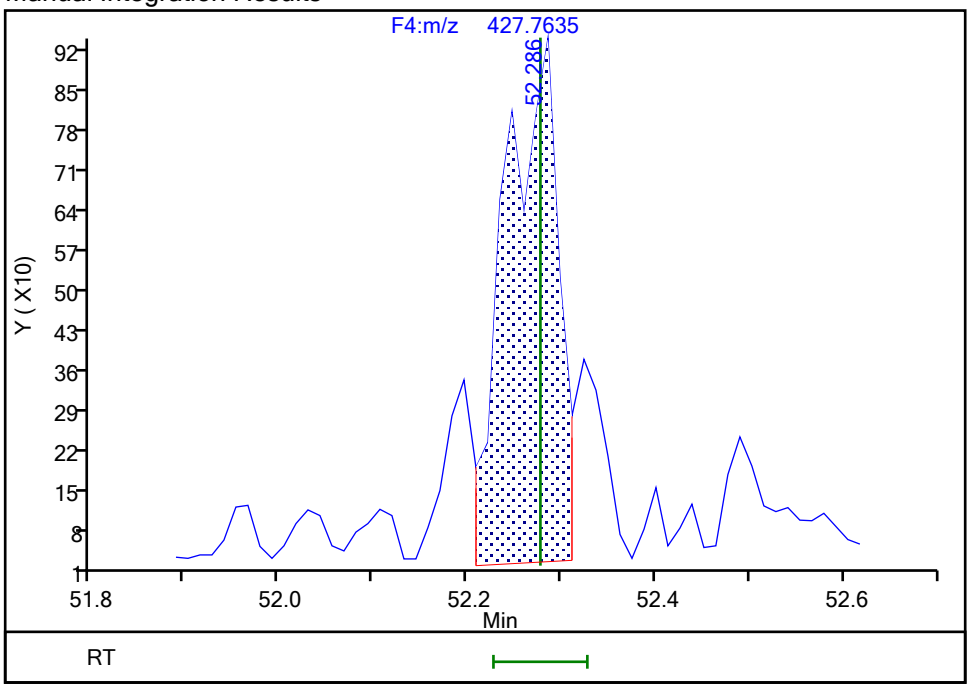
Processing Integration Results

RT: 52.29
Area: 4599
Amount: 0.120493
Amount Units: pg/ul



Manual Integration Results

RT: 52.29
Area: 3583
Amount: 0.131570
Amount Units: pg/ul



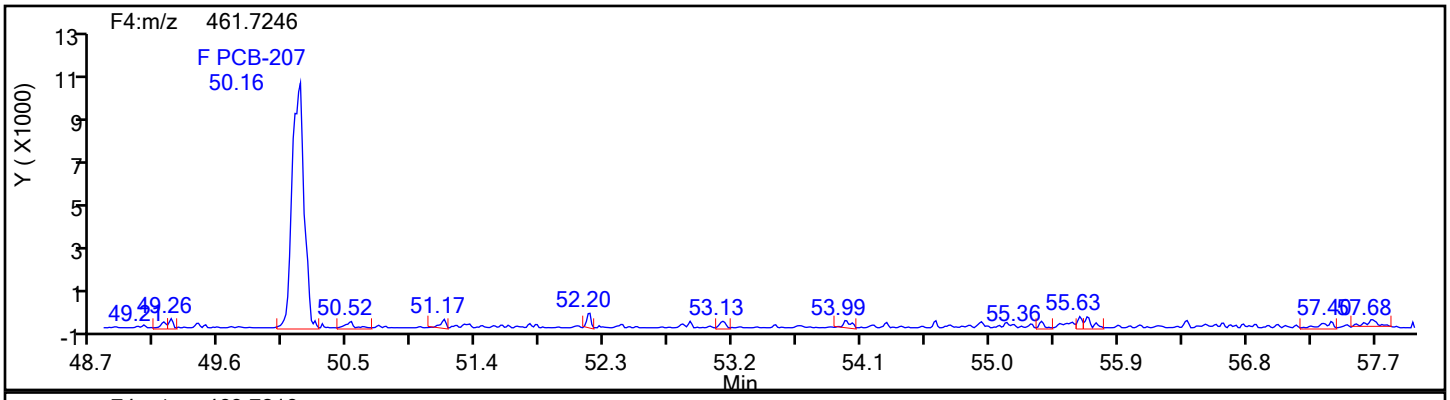
Reviewer: V4XA, 05-Jan-2024 01:20:04 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

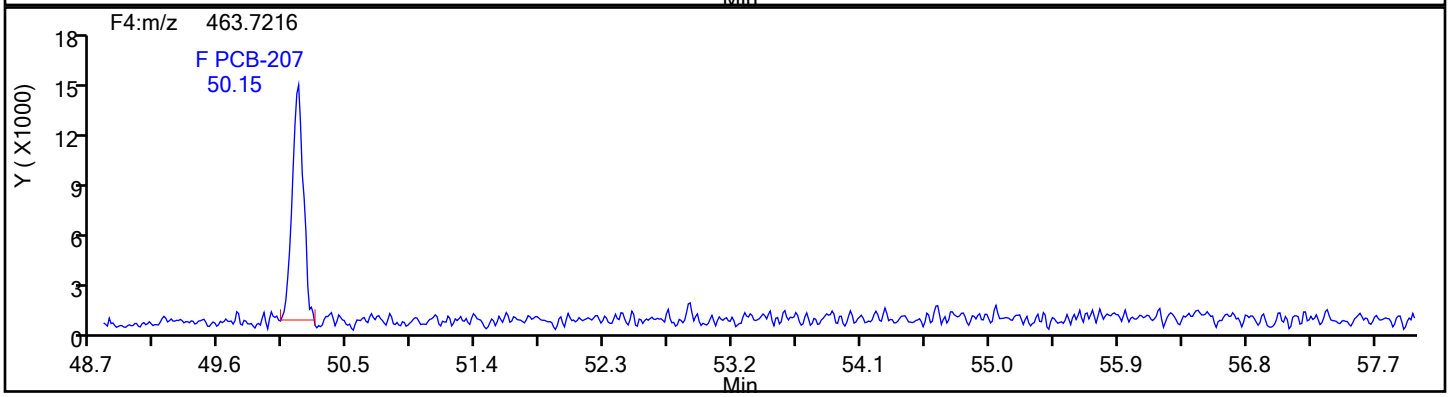
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

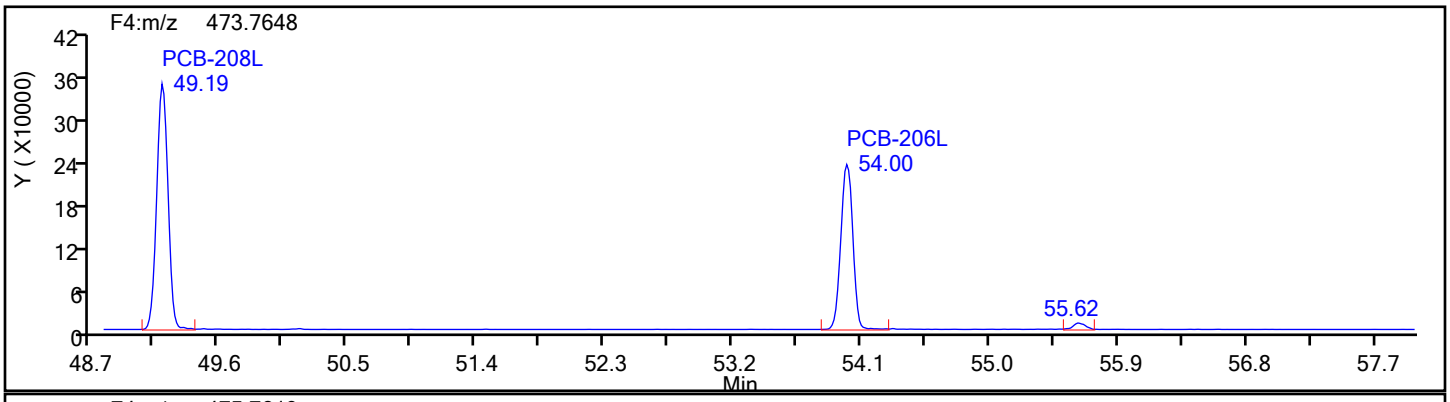
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

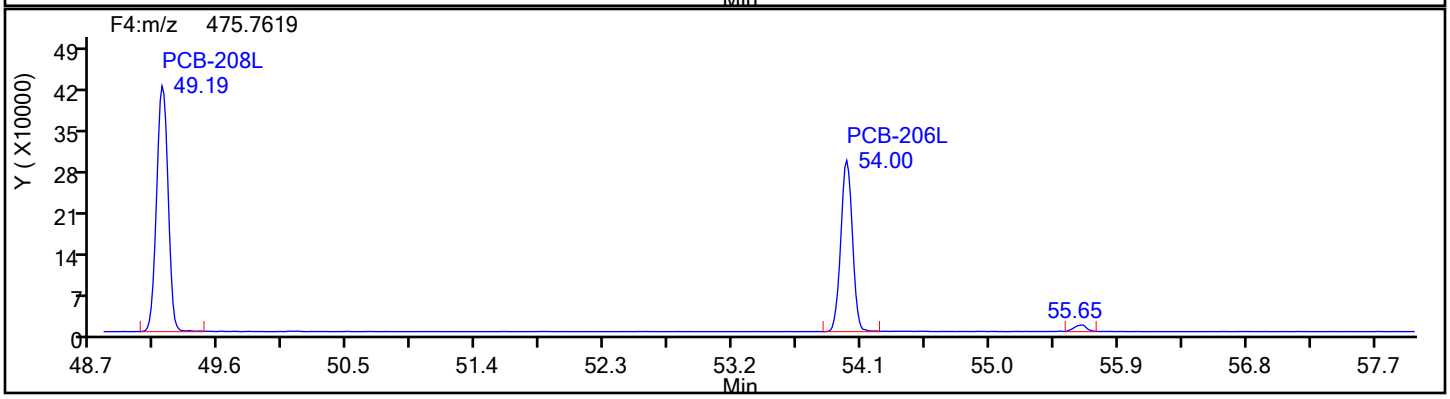
NoPCB F4





NoPCB F4 Standards



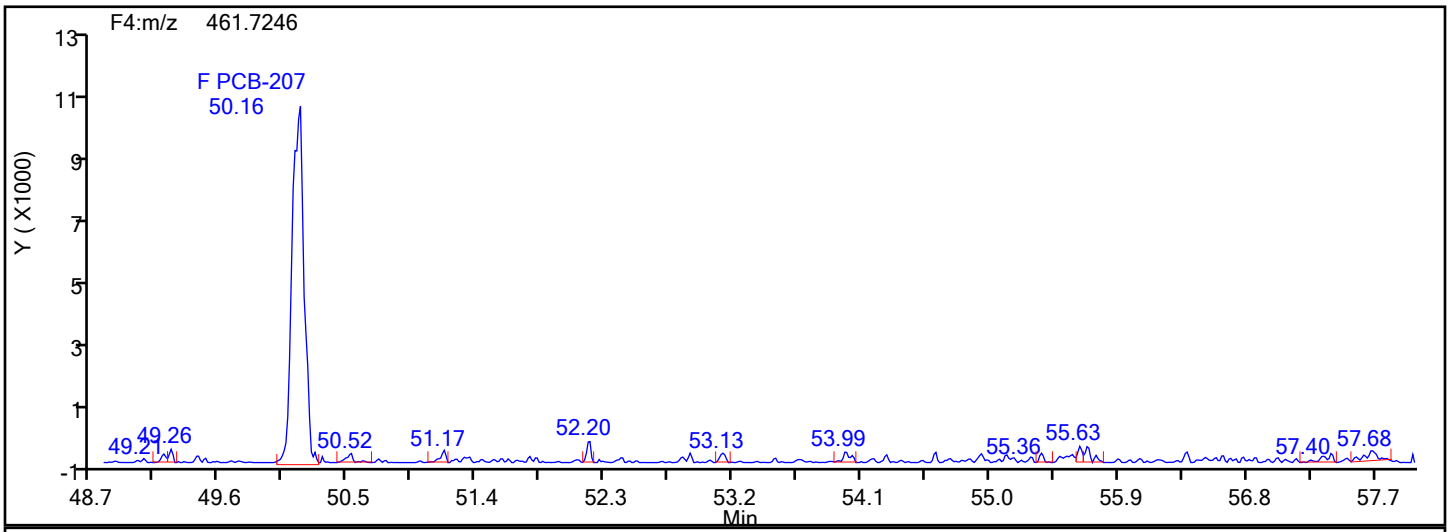


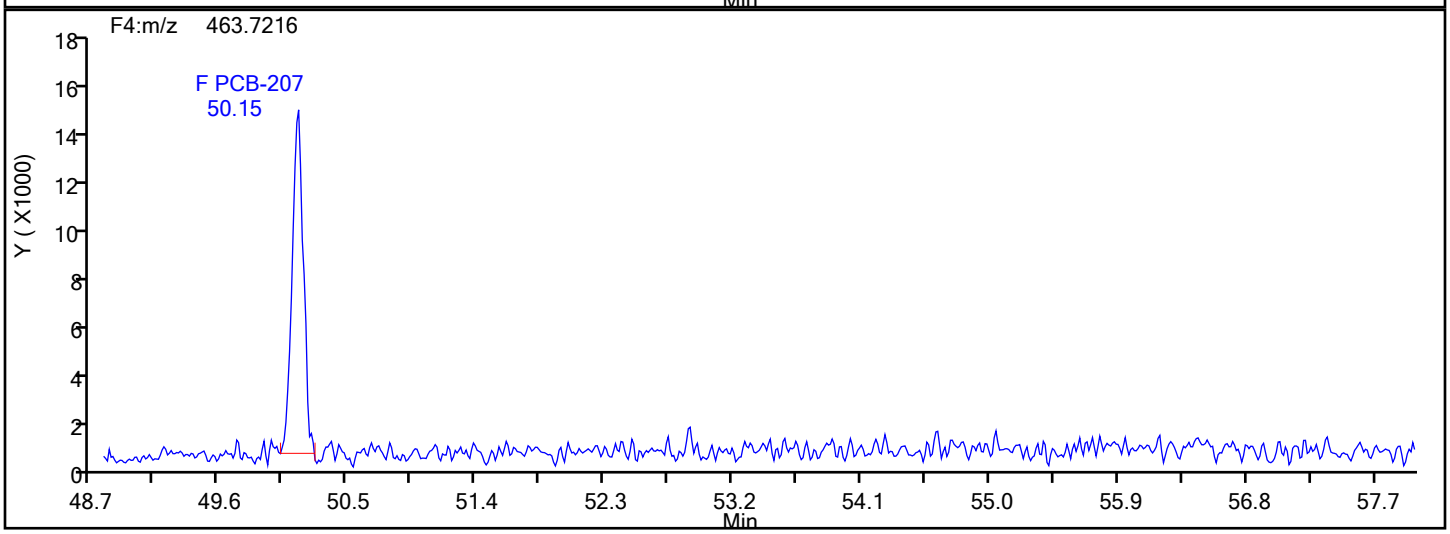
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

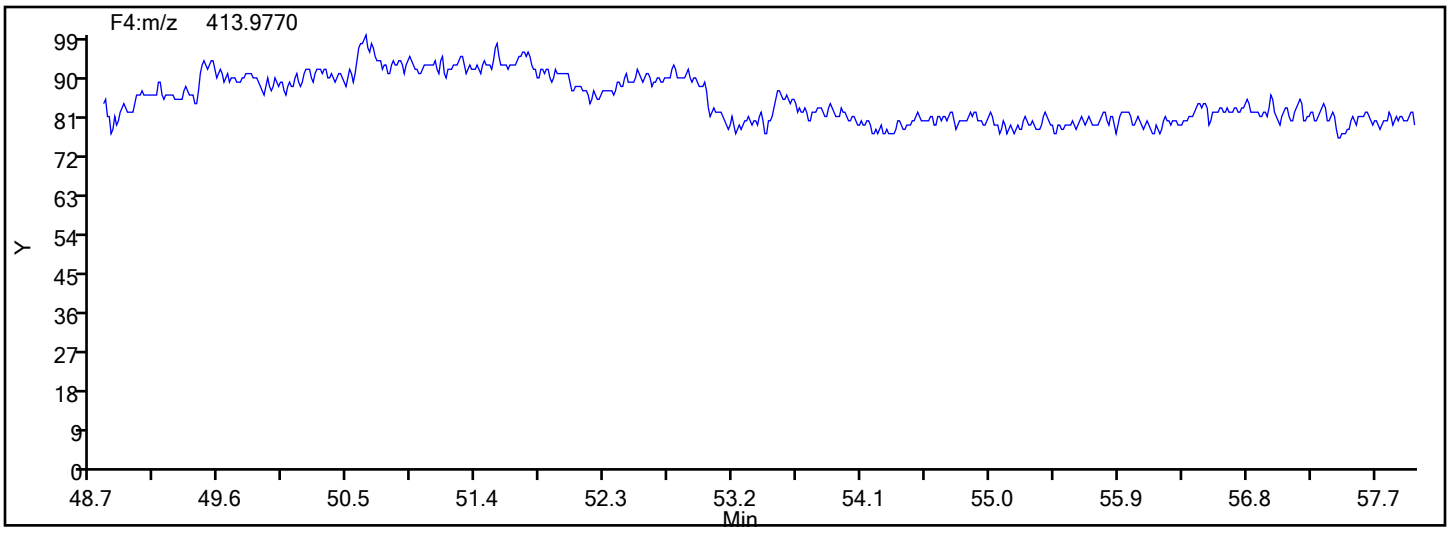
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



Eurofins Knoxville

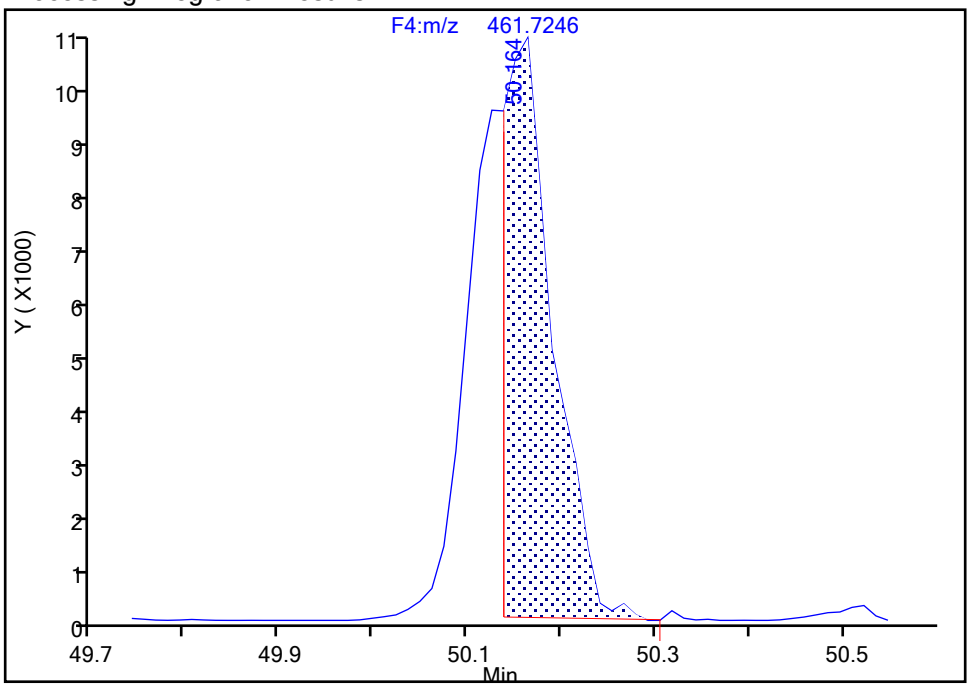
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-207, CAS: 52663-79-3

Signal: 1

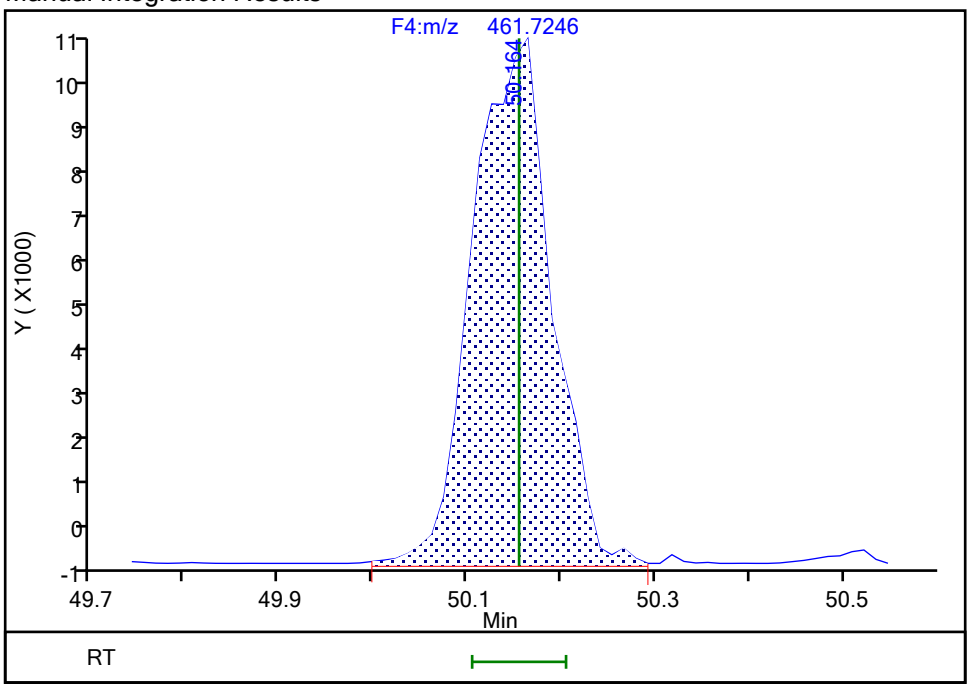
Processing Integration Results

RT: 50.16
Area: 34470
Amount: 2.442074
Amount Units: pg/ul



Manual Integration Results

RT: 50.16
Area: 59897
Amount: 3.008238
Amount Units: pg/ul



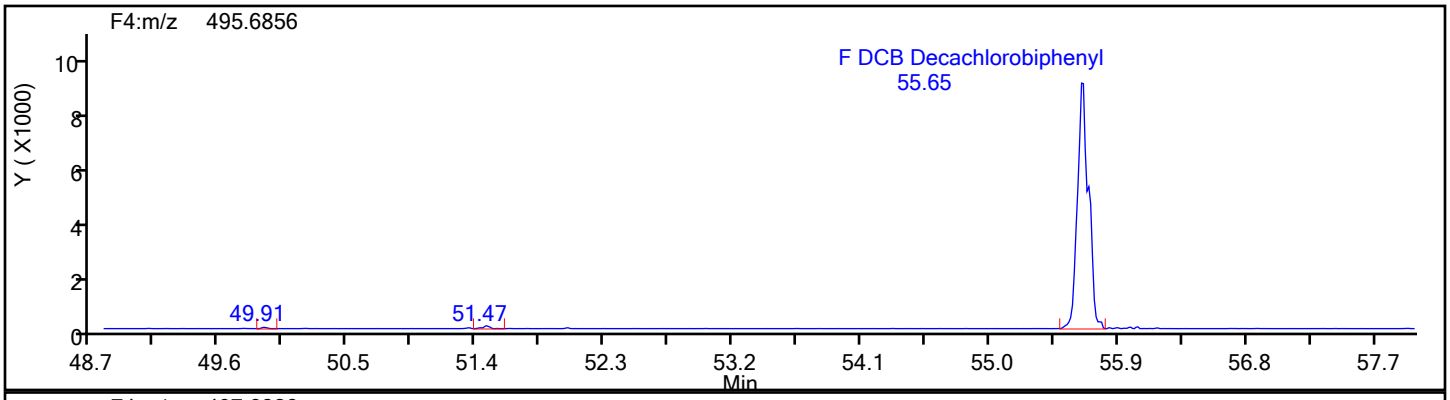
Reviewer: V4XA, 05-Jan-2024 01:20:18 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

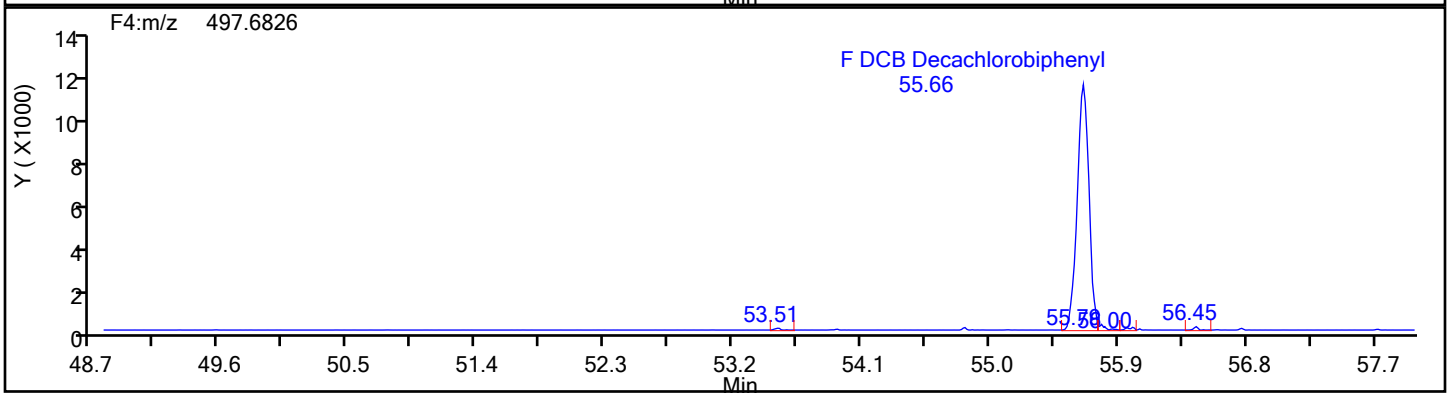
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

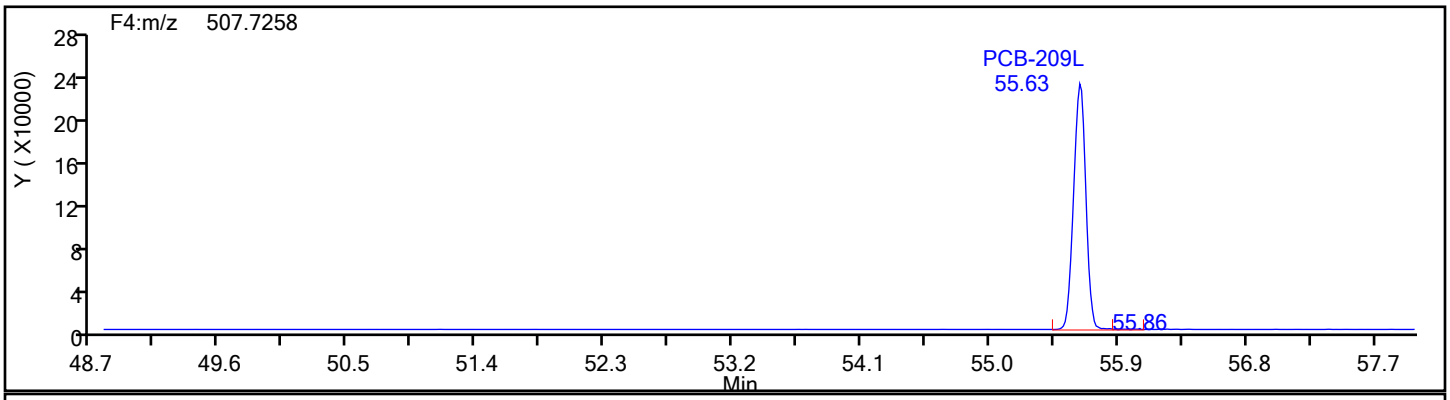
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d		
Injection Date:	04-Jan-2024 21:09:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:	TRIP BLANK PW-03		
Worklist#:	82009	Sample Line#:	13
Column Type:		Column Dia:	

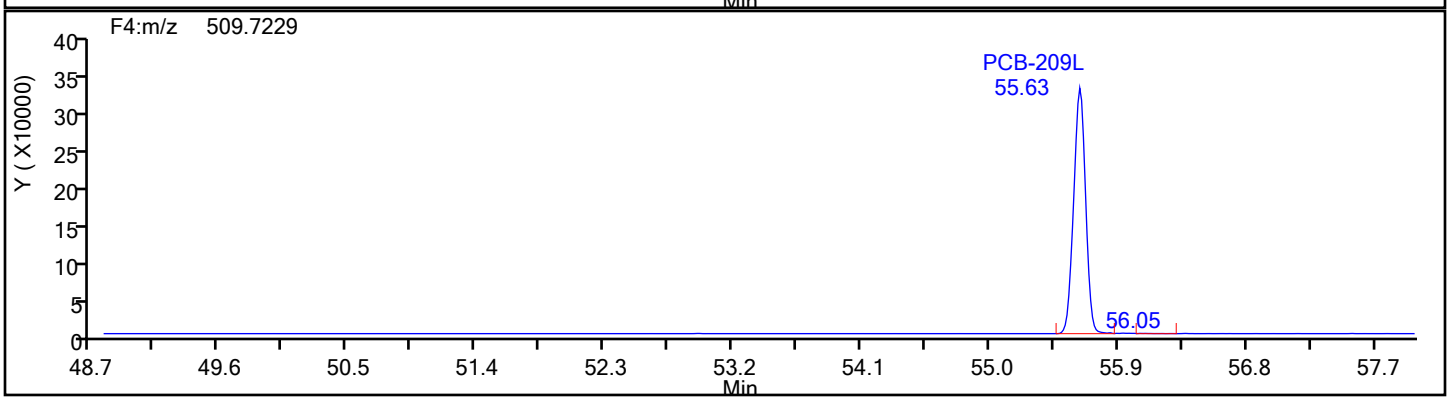
DePCB F4





DePCB F4 Standards



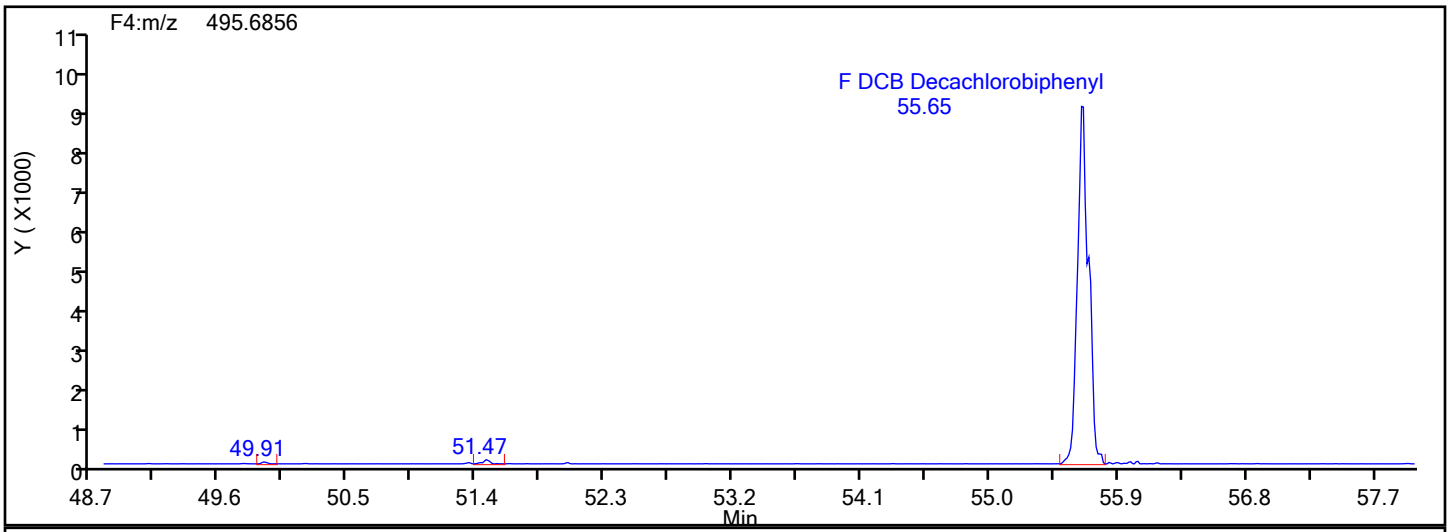


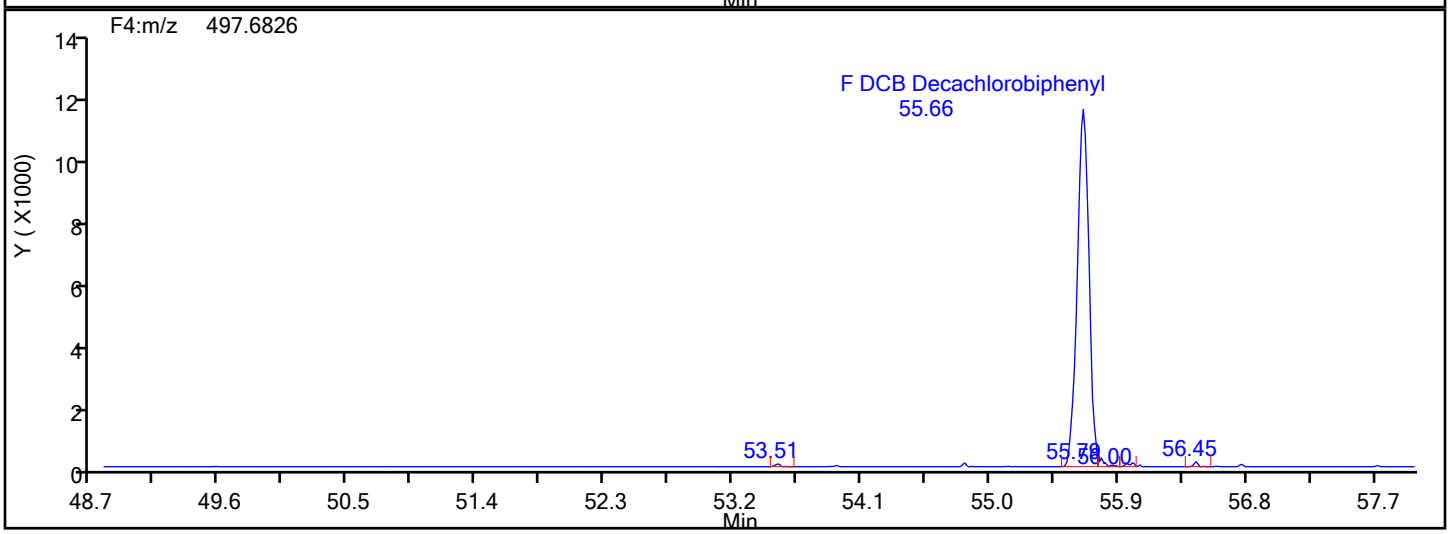
Report Date: 05-Jan-2024 01:21:12 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

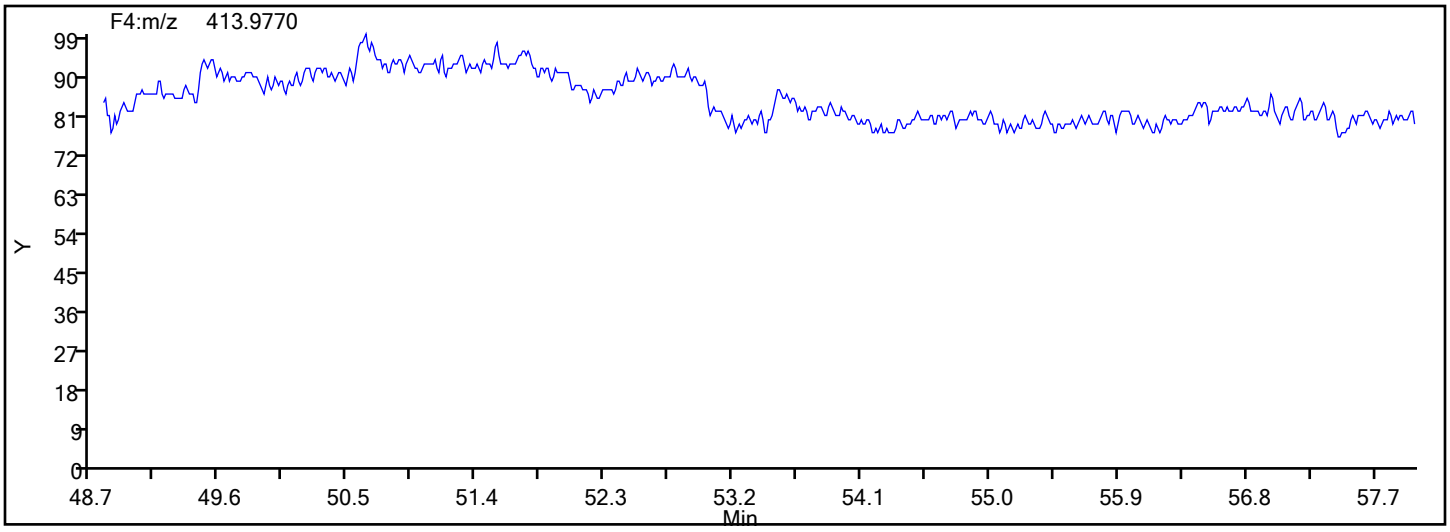
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d
Injection Date: 04-Jan-2024 21:09:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID: TRIP BLANK PW-03
Worklist#: 82009 Sample Line#: 13
Column Type: Column Dia:

DePCB F4





DePCB F4 Lock Mass



Eurofins Knoxville

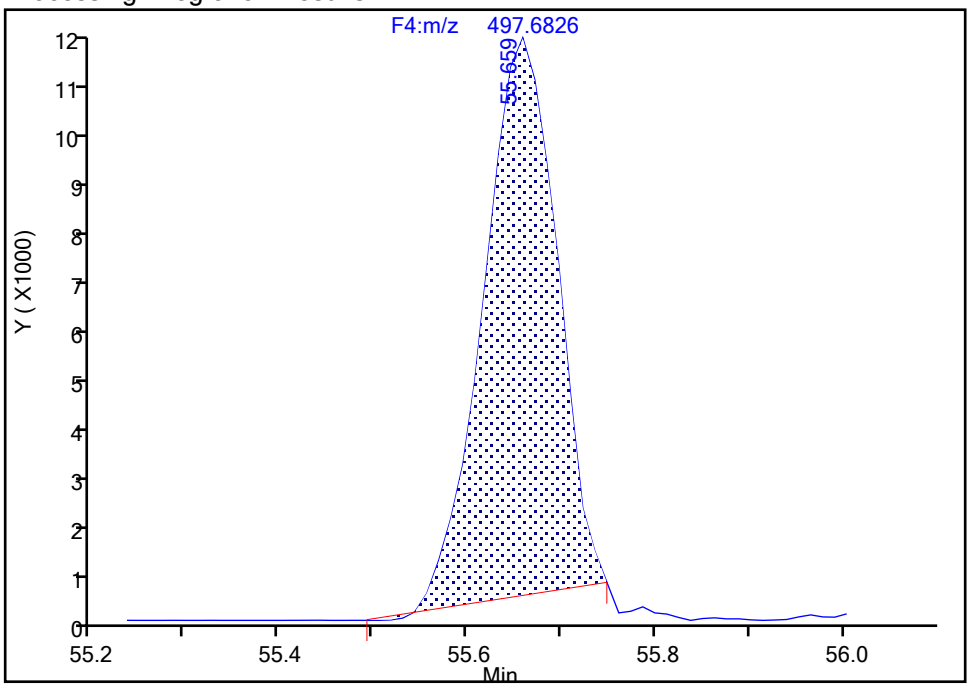
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\140-34509-a-9-b.d				
Injection Date:	04-Jan-2024 21:09:00	Instrument ID:	D2D		
Lims ID:	140-34509-A-9-B	Lab Sample ID:	140-34509-9		
Client ID:	TRIP BLANK PW-03				
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	13
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

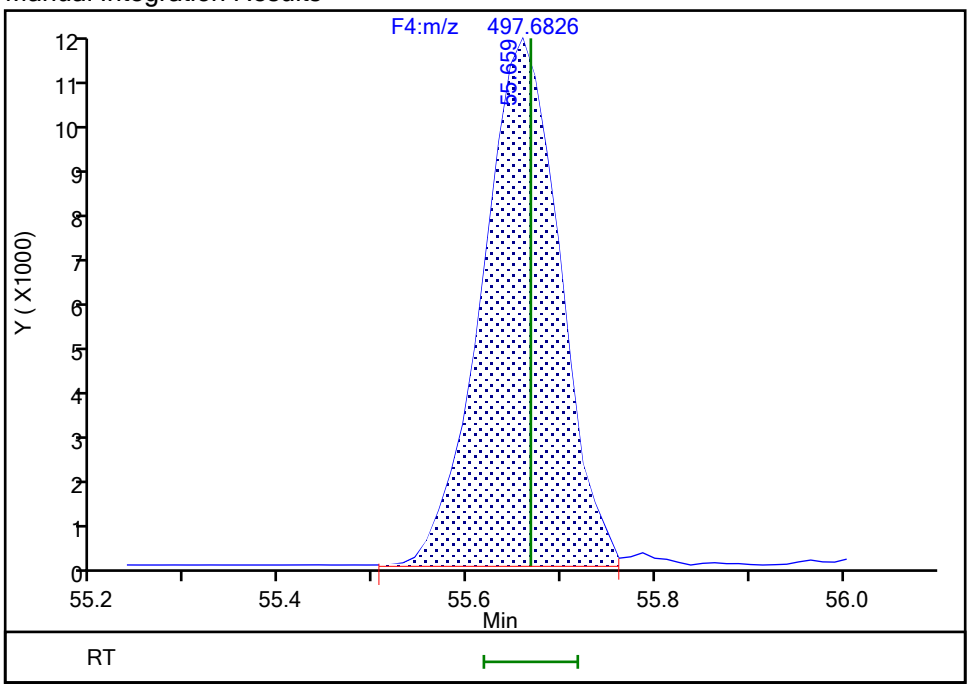
Processing Integration Results

RT: 55.66
Area: 58554
Amount: 3.146464
Amount Units: pg/ul



Manual Integration Results

RT: 55.66
Area: 64648
Amount: 3.324496
Amount Units: pg/ul



Reviewer: V4XA, 05-Jan-2024 01:20:27 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 140-54640/1	d3211008ic1.d
Level 2	IC 140-54640/2	d3211008ic2.d
Level 3	IC 140-54640/3	d3211007ic3.d
Level 4	IC 140-54640/4	d3211007ic4.d
Level 5	IC 140-54640/5	d3211007ic5.d
Level 6	IC 140-54640/6	d3211007ic6.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1	1.2827 +++++	1.1822	1.1758	1.1928	1.2927	AveID		1.2253				4.7		20.0			
PCB-2	1.3614 +++++	1.2307	1.1894	1.2401	1.2975	AveID		1.2638				5.3		35.0			
PCB-3	1.2520 +++++	1.2239	1.1771	1.2164	1.3023	AveID		1.2343				3.8		20.0			
PCB-4	1.3164 1.3745	1.2422	1.1964	1.2595	1.2914	AveID		1.2801				4.8		20.0			
PCB-10	1.1447 1.2347	1.0912	1.1383	1.1582	1.1583	AveID		1.1542				4.0		35.0			
PCB-9	1.3553 1.4216	1.3451	1.3209	1.3705	1.3717	AveID		1.3642				2.5		35.0			
PCB-7	1.2752 1.3382	1.1854	1.1937	1.2456	1.2531	AveID		1.2485				4.5		35.0			
PCB-6	1.5554 1.5238	1.4780	1.4411	1.4839	1.4944	AveID		1.4961				2.6		35.0			
PCB-5	1.2294 1.3166	1.1751	1.1723	1.2090	1.2215	AveID		1.2206				4.3		35.0			
PCB-8	1.5628 1.5844	1.4443	1.4781	1.5075	1.5474	AveID		1.5207				3.5		35.0			
PCB-19	1.3700 1.3600	1.2567	1.2163	1.2713	1.2683	AveID		1.2904				4.7		20.0			
PCB-14	1.3055 1.3864	1.2353	1.2336	1.2724	1.2853	AveID		1.2864				4.4		35.0			
PCB-18	1.8534 1.9702	1.7941	1.6931	1.7464	1.7885	AveID		1.8076				5.3		35.0			
PCB-18/30	1.8534 1.9702	1.7941	1.6931	1.7464	1.7885	AveID		1.8076				5.3		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-30	1.8534 1.9702	1.7941	1.6931	1.7464	1.7885	AveID		1.8076				5.3		35.0			
PCB-11	1.4878 1.5413	1.4365	1.3700	1.3896	1.4257	AveID		1.4418				4.4		35.0			
PCB-17	1.2955 1.2818	1.1202	1.1727	1.1970	1.2232	AveID		1.2151				5.5		35.0			
PCB-12	1.2585 1.3509	1.3055	1.2434	1.2920	1.3255	AveID		1.2960				3.1		35.0			
PCB-12/13	1.2585 1.3509	1.3055	1.2434	1.2920	1.3255	AveID		1.2960				3.1		35.0			
PCB-13	1.2585 1.3509	1.3055	1.2434	1.2920	1.3255	AveID		1.2960				3.1		35.0			
PCB-27	1.5717 2.0020	1.5877	1.6326	1.7019	1.7918	AveID		1.7146				9.5		35.0			
PCB-24	1.7453 1.9300	1.6864	1.7122	1.7715	1.7995	AveID		1.7741				4.9		35.0			
PCB-16	1.2010 1.2793	1.1772	1.1603	1.1926	1.1914	AveID		1.2003				3.4		35.0			
PCB-15	1.1157 1.2085	1.1322	1.1041	1.1365	1.1295	AveID		1.1378				3.2		20.0			
PCB-54	1.1852 1.2775	1.2191	1.1431	1.1944	1.2193	AveID		1.2064				3.7		20.0			
PCB-32	2.0764 2.1183	1.8573	1.8746	1.9263	1.9687	AveID		1.9703				5.4		35.0			
PCB-34	1.0086 1.1206	0.9342	0.9581	1.0100	1.0218	AveID		1.0089				6.4		35.0			
PCB-23	0.9899 1.1677	0.9513	1.0216	1.0403	1.0264	AveID		1.0329				7.1		35.0			
PCB-26	1.0105 0.8422	1.0104	1.0124	1.0497	1.0972	AveID		1.0037				8.6		35.0			
PCB-26/29	1.0105 0.8422	1.0104	1.0124	1.0497	1.0972	AveID		1.0037				8.6		35.0			
PCB-29	1.0105 0.8422	1.0104	1.0124	1.0497	1.0972	AveID		1.0037				8.6		35.0			
PCB-25	1.2284 1.4015	1.2690	1.2822	1.3059	1.3099	AveID		1.2995				4.5		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-50	0.7555 0.8196	0.7711	0.7355	0.7568	0.7661	AveID		0.7674				3.7		35.0			
PCB-50/53	0.7555 0.8196	0.7711	0.7355	0.7568	0.7661	AveID		0.7674				3.7		35.0			
PCB-53	0.7555 0.8196	0.7711	0.7355	0.7568	0.7661	AveID		0.7674				3.7		35.0			
PCB-31	1.2593 1.2947	1.2044	1.1824	1.2353	1.2454	AveID		1.2369				3.2		35.0			
PCB-20	1.1350 1.0590	1.0927	1.0907	1.1094	1.1707	AveID		1.1096				3.5		35.0			
PCB-20/28	1.1350 1.0590	1.0927	1.0907	1.1094	1.1707	AveID		1.1096				3.5		35.0			
PCB-28	1.1350 1.0590	1.0927	1.0907	1.1094	1.1707	AveID		1.1096				3.5		35.0			
PCB-45	0.7069 0.7860	0.6674	0.6766	0.7030	0.6911	AveID		0.7052				6.0		35.0			
PCB-45/51	0.7069 0.7860	0.6674	0.6766	0.7030	0.6911	AveID		0.7052				6.0		35.0			
PCB-51	0.7069 0.7860	0.6674	0.6766	0.7030	0.6911	AveID		0.7052				6.0		35.0			
PCB-21	1.0367 1.2514	1.1047	1.0723	1.1334	1.1484	AveID		1.1245				6.6		35.0			
PCB-21/33	1.0367 1.2514	1.1047	1.0723	1.1334	1.1484	AveID		1.1245				6.6		35.0			
PCB-33	1.0367 1.2514	1.1047	1.0723	1.1334	1.1484	AveID		1.1245				6.6		35.0			
PCB-46	0.5839 0.6230	0.5757	0.5841	0.5996	0.5791	AveID		0.5909				3.0		35.0			
PCB-22	1.1509 1.3047	1.1346	1.1649	1.2381	1.2230	AveID		1.2027				5.4		35.0			
PCB-52	0.8872 0.9035	0.8269	0.8151	0.8538	0.8065	AveID		0.8488				4.7		35.0			
PCB-43	0.8673 0.9938	0.8506	0.8849	0.8781	0.8866	AveID		0.8936				5.7		35.0			
PCB-43/73	0.8673 0.9938	0.8506	0.8849	0.8781	0.8866	AveID		0.8936				5.7		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-73	0.8673 0.9938	0.8506	0.8849	0.8781	0.8866	AveID		0.8936				5.7		35.0			
PCB-36	1.2976 1.3920	1.2538	1.2625	1.2905	1.2752	AveID		1.2953				3.9		35.0			
PCB-49	0.8825 1.0103	0.8459	0.8605	0.8757	0.8857	AveID		0.8934				6.6		35.0			
PCB-49/69	0.8825 1.0103	0.8459	0.8605	0.8757	0.8857	AveID		0.8934				6.6		35.0			
PCB-69	0.8825 1.0103	0.8459	0.8605	0.8757	0.8857	AveID		0.8934				6.6		35.0			
PCB-39	1.1464 1.2890	1.1240	1.1037	1.1402	1.1693	AveID		1.1621				5.7		35.0			
PCB-48	0.7743 0.8073	0.7458	0.7258	0.7319	0.7185	AveID		0.7506				4.5		35.0			
PCB-104	1.0340 1.0875	0.9352	0.9371	1.0209	1.0181	AveID		1.0054				5.9		20.0			
PCB-44	0.8883 0.7847	0.8092	0.8227	0.8491	0.8785	AveID		0.8388				4.8		35.0			
PCB-44/47/65	0.8883 0.7847	0.8092	0.8227	0.8491	0.8785	AveID		0.8388				4.8		35.0			
PCB-47	0.8883 0.7847	0.8092	0.8227	0.8491	0.8785	AveID		0.8388				4.8		35.0			
PCB-65	0.8883 0.7847	0.8092	0.8227	0.8491	0.8785	AveID		0.8388				4.8		35.0			
PCB-38	1.1036 1.3255	1.1712	1.1058	1.1596	1.1899	AveID		1.1759				6.9		35.0			
PCB-59	1.0661 0.9813	0.9690	0.9694	1.0018	1.0376	AveID		1.0042				4.0		35.0			
PCB-59/62/75	1.0661 0.9813	0.9690	0.9694	1.0018	1.0376	AveID		1.0042				4.0		35.0			
PCB-62	1.0661 0.9813	0.9690	0.9694	1.0018	1.0376	AveID		1.0042				4.0		35.0			
PCB-75	1.0661 0.9813	0.9690	0.9694	1.0018	1.0376	AveID		1.0042				4.0		35.0			
PCB-96	1.1386 1.3196	1.0397	1.0895	1.1383	1.1810	AveID		1.1511				8.3		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-42	0.7110 0.7178	0.6648	0.6958	0.6830	0.6522	AveID		0.6874				3.7		35.0			
PCB-35	1.1514 1.2381	1.1182	1.1053	1.0667	1.1067	AveID		1.1311				5.2		35.0			
PCB-40	0.7878 0.8056	0.7422	0.7384	0.7415	0.7552	AveID		0.7618				3.7		35.0			
PCB-40/41/71	0.7878 0.8056	0.7422	0.7384	0.7415	0.7552	AveID		0.7618				3.7		35.0			
PCB-41	0.7878 0.8056	0.7422	0.7384	0.7415	0.7552	AveID		0.7618				3.7		35.0			
PCB-71	0.7878 0.8056	0.7422	0.7384	0.7415	0.7552	AveID		0.7618				3.7		35.0			
PCB-37	1.1596 1.2645	1.0982	1.0901	1.1306	1.1258	AveID		1.1448				5.6		20.0			
PCB-64	1.0084 1.1601	0.9654	1.0068	1.0386	1.0112	AveID		1.0318				6.5		35.0			
PCB-72	1.1236 1.3089	1.1177	1.1144	1.1636	1.1446	AveID		1.1621				6.4		35.0			
PCB-103	0.8235 0.8740	0.8269	0.7941	0.8419	0.8356	AveID		0.8327				3.1		35.0			
PCB-68	1.1118 1.2232	1.1145	1.1045	1.1215	1.0740	AveID		1.1249				4.5		35.0			
PCB-94	0.6493 0.7209	0.7127	0.6809	0.7061	0.7000	AveID		0.6950				3.8		35.0			
PCB-57	1.1975 1.2206	1.0676	1.0211	1.0874	1.0701	AveID		1.1107				7.2		35.0			
PCB-95	0.8205 0.8211	0.7592	0.7546	0.7984	0.7997	AveID		0.7922				3.7		35.0			
PCB-58	1.2944 1.4400	1.2437	1.2280	1.2479	1.2551	AveID		1.2848				6.2		35.0			
PCB-100	0.7770 0.8686	0.7441	0.7379	0.7791	0.7914	AveID		0.7830				6.0		35.0			
PCB-93	0.7770 0.8686	0.7441	0.7379	0.7791	0.7914	AveID		0.7830				6.0		35.0			
PCB-93/100	0.7770 0.8686	0.7441	0.7379	0.7791	0.7914	AveID		0.7830				6.0		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-67	1.3657 1.4802	1.2338	1.2939	1.3031	1.2876	AveID		1.3274				6.5		35.0			
PCB-102	0.8998 0.9861	0.9068	0.8801	0.9192	0.9176	AveID		0.9182				3.9		35.0			
PCB-98	0.8998 0.9861	0.9068	0.8801	0.9192	0.9176	AveID		0.9182				3.9		35.0			
PCB-98/102	0.8998 0.9861	0.9068	0.8801	0.9192	0.9176	AveID		0.9182				3.9		35.0			
PCB-63	1.0944 1.1645	1.0430	1.0147	1.0472	1.0250	AveID		1.0648				5.3		35.0			
PCB-88	0.8236 0.8689	0.7813	0.7453	0.7928	0.8020	AveID		0.8023				5.2		35.0			
PCB-88/91	0.8236 0.8689	0.7813	0.7453	0.7928	0.8020	AveID		0.8023				5.2		35.0			
PCB-91	0.8236 0.8689	0.7813	0.7453	0.7928	0.8020	AveID		0.8023				5.2		35.0			
PCB-61	1.2165 1.0904	1.1204	1.1366	1.1646	1.2008	AveID		1.1549				4.2		35.0			
PCB-61/70/74/76	1.2165 1.0904	1.1204	1.1366	1.1646	1.2008	AveID		1.1549				4.2		35.0			
PCB-70	1.2165 1.0904	1.1204	1.1366	1.1646	1.2008	AveID		1.1549				4.2		35.0			
PCB-74	1.2165 1.0904	1.1204	1.1366	1.1646	1.2008	AveID		1.1549				4.2		35.0			
PCB-76	1.2165 1.0904	1.1204	1.1366	1.1646	1.2008	AveID		1.1549				4.2		35.0			
PCB-84	0.6485 0.7096	0.6865	0.6687	0.7001	0.6997	AveID		0.6855				3.4		35.0			
PCB-66	1.2092 1.3803	1.1700	1.2074	1.2171	1.2111	AveID		1.2325				6.0		35.0			
PCB-55	1.3419 1.3767	1.2249	1.2182	1.2261	1.2050	AveID		1.2655				5.8		35.0			
PCB-89	0.9204 0.8614	0.8342	0.7839	0.8563	0.8333	AveID		0.8482				5.3		35.0			
PCB-56	1.3130 1.3291	1.1373	1.1707	1.1860	1.1605	AveID		1.2161				6.8		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-121	1.2380 1.4061	1.2657	1.2108	1.2900	1.2925	AveID		1.2839				5.3		35.0			
PCB-60	1.1732 1.0954	1.0836	0.9996	1.0059	0.9745	AveID		1.0554				7.1		35.0			
PCB-92	0.7610 0.8067	0.7973	0.7314	0.8016	0.7851	AveID		0.7805				3.7		35.0			
PCB-80	1.3567 1.3545	1.2989	1.2457	1.2142	1.1914	AveID		1.2769				5.5		35.0			
PCB-155	0.9437 0.9643	0.9048	0.9171	0.9221	0.9211	AveID		0.9289				2.3		20.0			
PCB-152	1.0588 1.2827	1.0370	1.0769	1.1303	1.1593	AveID		1.1242				8.0		35.0			
PCB-101	0.9426 1.0739	0.9300	0.8947	0.9301	0.9540	AveID		0.9542				6.5		35.0			
PCB-113	0.9426 1.0739	0.9300	0.8947	0.9301	0.9540	AveID		0.9542				6.5		35.0			
PCB-90	0.9426 1.0739	0.9300	0.8947	0.9301	0.9540	AveID		0.9542				6.5		35.0			
PCB-90/101/113	0.9426 1.0739	0.9300	0.8947	0.9301	0.9540	AveID		0.9542				6.5		35.0			
PCB-150	0.9636 1.0665	0.9814	0.9656	0.9956	1.0070	AveID		0.9966				3.8		35.0			
PCB-136	1.0487 1.0260	0.9025	0.9068	0.9401	0.9552	AveID		0.9632				6.4		35.0			
PCB-83	0.8789 0.9543	0.8786	0.8439	0.8733	0.8816	AveID		0.8851				4.1		35.0			
PCB-83/99	0.8789 0.9543	0.8786	0.8439	0.8733	0.8816	AveID		0.8851				4.1		35.0			
PCB-99	0.8789 0.9543	0.8786	0.8439	0.8733	0.8816	AveID		0.8851				4.1		35.0			
PCB-112	1.3924 1.5103	1.3984	1.3190	1.4553	1.4146	AveID		1.4150				4.5		35.0			
PCB-145	1.0922 1.1530	1.0051	1.0449	1.0862	1.0836	AveID		1.0775				4.6		35.0			
PCB-109	0.9965 1.1174	0.9789	0.9747	1.0244	1.0778	AveID		1.0283				5.6		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-119	0.9965 1.1174	0.9789	0.9747	1.0244	1.0778	AveID		1.0283				5.6		35.0			
PCB-125	0.9965 1.1174	0.9789	0.9747	1.0244	1.0778	AveID		1.0283				5.6		35.0			
PCB-86	0.9965 1.1174	0.9789	0.9747	1.0244	1.0778	AveID		1.0283				5.6		35.0			
PCB-86/87/97/109/119/125	0.9965 1.1174	0.9789	0.9747	1.0244	1.0778	AveID		1.0283				5.6		35.0			
PCB-87	0.9965 1.1174	0.9789	0.9747	1.0244	1.0778	AveID		1.0283				5.6		35.0			
PCB-97	0.9965 1.1174	0.9789	0.9747	1.0244	1.0778	AveID		1.0283				5.6		35.0			
PCB-79	1.3914 1.6336	1.4466	1.3546	1.4161	1.4290	AveID		1.4452				6.8		35.0			
PCB-78	1.3041 1.2786	1.1806	1.2219	1.1550	1.1296	AveID		1.2116				5.7		35.0			
PCB-116	1.0189 1.1466	0.9779	0.9591	1.0141	1.0260	AveID		1.0238				6.4		35.0			
PCB-117	1.0189 1.1466	0.9779	0.9591	1.0141	1.0260	AveID		1.0238				6.4		35.0			
PCB-85	1.0189 1.1466	0.9779	0.9591	1.0141	1.0260	AveID		1.0238				6.4		35.0			
PCB-85/116/117	1.0189 1.1466	0.9779	0.9591	1.0141	1.0260	AveID		1.0238				6.4		35.0			
PCB-110	1.3489 1.5142	1.3081	1.2746	1.3339	1.3538	AveID		1.3556				6.1		35.0			
PCB-110/115	1.3489 1.5142	1.3081	1.2746	1.3339	1.3538	AveID		1.3556				6.1		35.0			
PCB-115	1.3489 1.5142	1.3081	1.2746	1.3339	1.3538	AveID		1.3556				6.1		35.0			
PCB-81	1.0518 1.0696	1.0653	0.9272	0.9902	0.9850	AveID		1.0148				5.6		20.0			
PCB-148	0.7527 0.7780	0.6870	0.7278	0.7370	0.7433	AveID		0.7376				4.1		35.0			
PCB-82	0.8059 0.8836	0.8868	0.8188	0.8660	0.8508	AveID		0.8520				3.9		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-111	1.2495 1.2949	1.1910	1.1674	1.2107	1.2165	AveID		1.2217				3.7		35.0			
PCB-77	1.0289 1.1594	1.0577	1.0150	1.0309	1.0069	AveID		1.0498				5.4		20.0			
PCB-135	0.7647 0.7818	0.7185	0.7141	0.7344	0.7349	AveID		0.7414				3.6		35.0			
PCB-135/151	0.7647 0.7818	0.7185	0.7141	0.7344	0.7349	AveID		0.7414				3.6		35.0			
PCB-151	0.7647 0.7818	0.7185	0.7141	0.7344	0.7349	AveID		0.7414				3.6		35.0			
PCB-120	1.5555 1.6545	1.4511	1.4311	1.4956	1.5063	AveID		1.5157				5.3		35.0			
PCB-154	0.8587 0.8714	0.7837	0.7840	0.8150	0.8208	AveID		0.8223				4.5		35.0			
PCB-144	0.7332 0.7520	0.7554	0.7092	0.7409	0.7321	AveID		0.7371				2.3		35.0			
PCB-147	0.8364 0.9984	0.8322	0.7998	0.8264	0.8872	AveID		0.8634				8.3		35.0			
PCB-147/149	0.8364 0.9984	0.8322	0.7998	0.8264	0.8872	AveID		0.8634				8.3		35.0			
PCB-149	0.8364 0.9984	0.8322	0.7998	0.8264	0.8872	AveID		0.8634				8.3		35.0			
PCB-134	0.7089 0.7050	0.6712	0.6488	0.6778	0.6757	AveID		0.6812				3.3		35.0			
PCB-134/143	0.7089 0.7050	0.6712	0.6488	0.6778	0.6757	AveID		0.6812				3.3		35.0			
PCB-143	0.7089 0.7050	0.6712	0.6488	0.6778	0.6757	AveID		0.6812				3.3		35.0			
PCB-108	1.1018 1.1225	1.0151	1.0739	1.0960	1.1367	AveID		1.0910				3.9		35.0			
PCB-108/124	1.1018 1.1225	1.0151	1.0739	1.0960	1.1367	AveID		1.0910				3.9		35.0			
PCB-124	1.1018 1.1225	1.0151	1.0739	1.0960	1.1367	AveID		1.0910				3.9		35.0			
PCB-139	0.8598 0.9451	0.7782	0.7821	0.8214	0.8422	AveID		0.8381				7.3		35.0			

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FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-139/140	0.8598 0.9451	0.7782	0.7821	0.8214	0.8422	AveID		0.8381				7.3		35.0			
PCB-140	0.8598 0.9451	0.7782	0.7821	0.8214	0.8422	AveID		0.8381				7.3		35.0			
PCB-107	1.1416 1.3573	1.1001	1.1328	1.2140	1.2569	AveID		1.2004				8.0		35.0			
PCB-131	0.7311 0.7210	0.6711	0.6418	0.6733	0.6752	AveID		0.6856				4.9		35.0			
PCB-123	1.1698 1.1065	1.0064	0.9652	1.0061	1.0140	AveID		1.0447				7.4		20.0			
PCB-106	1.0062 1.3498	1.1282	1.1384	1.2013	1.2009	AveID		1.1708				9.7		35.0			
PCB-142	0.6491 0.7449	0.6314	0.6622	0.6772	0.6913	AveID		0.6760				5.9		35.0			
PCB-118	0.9544 1.1335	1.0179	0.9857	1.0292	1.0357	AveID		1.0261				5.9		20.0			
PCB-132	0.6865 0.7395	0.6867	0.7025	0.7148	0.7079	AveID		0.7063				2.8		35.0			
PCB-122	0.9639 0.9834	0.8958	0.8759	0.9180	0.9212	AveID		0.9264				4.4		35.0			
PCB-188	0.9974 1.1442	0.9851	1.0403	1.0724	1.0812	AveID		1.0534				5.6		20.0			
PCB-114	1.1250 1.1777	1.0471	1.0506	1.0845	1.0716	AveID		1.0927				4.6		20.0			
PCB-133	0.7865 0.8264	0.7388	0.7533	0.7800	0.7770	AveID		0.7770				3.9		35.0			
PCB-179	1.4318 1.4812	1.4005	1.3194	1.3730	1.3995	AveID		1.4009				3.9		35.0			
PCB-165	1.0267 0.9990	0.9241	0.9034	0.9574	0.9397	AveID		0.9584				4.9		35.0			
PCB-105	1.0284 1.1987	1.0495	1.0510	1.0653	1.0604	AveID		1.0755				5.7		20.0			
PCB-146	0.9349 0.9980	0.8599	0.8817	0.9182	0.9053	AveID		0.9163				5.2		35.0			
PCB-184	1.2887 1.4188	1.2419	1.2439	1.2876	1.3167	AveID		1.2996				5.0		35.0			

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FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-161	1.1451 1.2728	1.0491	1.0792	1.1325	1.1649	AveID		1.1406				6.8		35.0			
PCB-176	1.2359 1.2444	1.1676	1.1480	1.2041	1.1920	AveID		1.1987				3.1		35.0			
PCB-153	0.9997 1.1800	1.0130	0.9982	1.0310	1.0590	AveID		1.0468				6.6		35.0			
PCB-153/168	0.9997 1.1800	1.0130	0.9982	1.0310	1.0590	AveID		1.0468				6.6		35.0			
PCB-168	0.9997 1.1800	1.0130	0.9982	1.0310	1.0590	AveID		1.0468				6.6		35.0			
PCB-141	0.7124 0.7959	0.7257	0.7704	0.7683	0.7754	AveID		0.7580				4.2		35.0			
PCB-186	1.5251 1.5716	1.3605	1.3986	1.4836	1.4893	AveID		1.4715				5.4		35.0			
PCB-130	0.6429 0.6412	0.6482	0.6233	0.6351	0.6231	AveID		0.6356				1.7		35.0			
PCB-127	1.1411 1.3252	1.1134	1.1552	1.1879	1.1781	AveID		1.1835				6.3		35.0			
PCB-137	0.7839 0.8213	0.6876	0.7132	0.7553	0.7588	AveID		0.7533				6.4		35.0			
PCB-164	1.1322 1.1851	1.0950	1.0968	1.0991	1.0958	AveID		1.1173				3.2		35.0			
PCB-129	0.8753 0.9805	0.8378	0.8442	0.8695	0.8882	AveID		0.8826				5.9		35.0			
PCB-129/138/160/163	0.8753 0.9805	0.8378	0.8442	0.8695	0.8882	AveID		0.8826				5.9		35.0			
PCB-138	0.8753 0.9805	0.8378	0.8442	0.8695	0.8882	AveID		0.8826				5.9		35.0			
PCB-160	0.8753 0.9805	0.8378	0.8442	0.8695	0.8882	AveID		0.8826				5.9		35.0			
PCB-163	0.8753 0.9805	0.8378	0.8442	0.8695	0.8882	AveID		0.8826				5.9		35.0			
PCB-158	1.1972 1.1916	1.0773	1.0903	1.1188	1.1236	AveID		1.1331				4.5		35.0			
PCB-178	0.9030 0.9399	0.7922	0.8627	0.8847	0.9056	AveID		0.8813				5.7		35.0			

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CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-175	0.9282 0.9225	0.8950	0.8795	0.9039	0.8949	AveID		0.9040				2.0		35.0			
PCB-126	1.1660 1.3254	1.2468	1.1790	1.2240	1.2290	AveID		1.2284				4.6		20.0			
PCB-128	0.9286 1.0636	0.9012	0.9218	0.9437	0.9543	AveID		0.9522				6.0		35.0			
PCB-128/166	0.9286 1.0636	0.9012	0.9218	0.9437	0.9543	AveID		0.9522				6.0		35.0			
PCB-166	0.9286 1.0636	0.9012	0.9218	0.9437	0.9543	AveID		0.9522				6.0		35.0			
PCB-187	1.2225 1.2110	1.1131	1.1107	1.1254	1.1317	AveID		1.1524				4.4		35.0			
PCB-182	1.1680 1.1559	1.0364	1.0642	1.1066	1.1001	AveID		1.1052				4.6		35.0			
PCB-183	1.0466 0.9886	0.9921	0.9076	0.9498	0.9446	AveID		0.9716				5.0		35.0			
PCB-183/185	1.0466 0.9886	0.9921	0.9076	0.9498	0.9446	AveID		0.9716				5.0		35.0			
PCB-185	1.0466 0.9886	0.9921	0.9076	0.9498	0.9446	AveID		0.9716				5.0		35.0			
PCB-174	0.9814 1.0451	0.9902	0.9825	0.9871	1.0023	AveID		0.9981				2.4		35.0			
PCB-159	1.3686 1.4271	1.2269	1.2427	1.2746	1.3034	AveID		1.3072				5.9		35.0			
PCB-162	1.0998 1.2117	1.0354	1.0756	1.0666	1.0715	AveID		1.0935				5.6		35.0			
PCB-177	0.9330 1.0018	0.9328	0.9528	0.9706	0.9763	AveID		0.9612				2.8		35.0			
PCB-202	0.9671 1.0390	1.0249	0.9928	1.0192	1.0035	AveID		1.0078				2.5		20.0			
PCB-167	1.1217 1.1933	1.0994	1.0554	1.0961	1.0930	AveID		1.1098				4.2		20.0			
PCB-181	1.0296 1.1142	1.0828	1.0284	1.0462	1.0448	AveID		1.0577				3.2		35.0			
PCB-171	0.9128 0.9796	0.8442	0.8486	0.8896	0.9038	AveID		0.8964				5.5		35.0			

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HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

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ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-171/173	0.9128 0.9796	0.8442	0.8486	0.8896	0.9038	AveID		0.8964				5.5		35.0			
PCB-173	0.9128 0.9796	0.8442	0.8486	0.8896	0.9038	AveID		0.8964				5.5		35.0			
PCB-201	0.9969 0.9635	0.9544	0.9208	0.9748	0.9378	AveID		0.9580				2.8		35.0			
PCB-156	1.0810 1.1658	1.0463	1.0260	1.0527	1.0559	AveID		1.0713				4.6		20.0			
PCB-156/157	1.0810 1.1658	1.0463	1.0260	1.0527	1.0559	AveID		1.0713				4.6		35.0			
PCB-157	1.0810 1.1658	1.0463	1.0260	1.0527	1.0559	AveID		1.0713				4.6		20.0			
PCB-204	1.1436 1.1447	1.1054	1.0552	1.1314	1.0908	AveID		1.1119				3.2		35.0			
PCB-197	1.0794 1.0901	1.0018	1.0203	1.0642	1.0362	AveID		1.0487				3.3		35.0			
PCB-200	0.9039 1.0058	0.9153	0.9487	1.0285	1.0005	AveID		0.9671				5.4		35.0			
PCB-172	0.9505 0.9460	0.9265	0.8840	0.9387	0.9241	AveID		0.9283				2.6		35.0			
PCB-192	1.4591 1.4874	1.3576	1.3490	1.4167	1.4085	AveID		1.4131				3.9		35.0			
PCB-180	1.1565 1.2587	1.1107	1.1307	1.1756	1.1740	AveID		1.1677				4.4		35.0			
PCB-180/193	1.1565 1.2587	1.1107	1.1307	1.1756	1.1740	AveID		1.1677				4.4		35.0			
PCB-193	1.1565 1.2587	1.1107	1.1307	1.1756	1.1740	AveID		1.1677				4.4		35.0			
PCB-191	1.3383 1.3217	1.1637	1.2289	1.3003	1.2658	AveID		1.2698				5.1		35.0			
PCB-170	1.1448 1.1167	1.0640	1.0501	1.0941	1.0838	AveID		1.0923				3.2		20.0			
PCB-190	1.2687 1.3332	1.2995	1.2559	1.3311	1.3135	AveID		1.3003				2.5		35.0			
PCB-169	1.1923 1.3195	1.2084	1.1849	1.2150	1.2293	AveID		1.2249				4.0		20.0			

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HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-198	0.9291 0.9260	0.8729	0.8141	0.8834	0.8724	AveID		0.8830				4.8		35.0			
PCB-198/199	0.9291 0.9260	0.8729	0.8141	0.8834	0.8724	AveID		0.8830				4.8		35.0			
PCB-199	0.9291 0.9260	0.8729	0.8141	0.8834	0.8724	AveID		0.8830				4.8		35.0			
PCB-196	0.8470 0.7760	0.7617	0.7567	0.8134	0.7743	AveID		0.7882				4.4		35.0			
PCB-203	0.9498 1.0018	0.9437	0.9459	1.0099	0.9712	AveID		0.9704				3.0		35.0			
PCB-208	1.1395 1.0854	1.0426	0.9801	1.0103	1.0166	AveID		1.0457				5.5		20.0			
PCB-195	0.8165 0.8793	0.8046	0.8103	0.8277	0.8353	AveID		0.8289				3.3		35.0			
PCB-189	1.0310 1.0863	0.9760	0.9824	1.0098	1.0019	AveID		1.0146				4.0		20.0			
PCB-207	1.2152 1.3061	1.2717	1.1538	1.2301	1.2200	AveID		1.2328				4.2		35.0			
PCB-194	0.9098 0.9865	0.8943	0.8937	0.9327	0.9363	AveID		0.9255				3.8		35.0			
PCB-205	1.1387 1.1934	1.1142	1.0994	1.1038	1.1104	AveID		1.1267				3.1		20.0			
PCB-206	1.2364 1.2951	1.3001	1.2276	1.2502	1.2325	AveID		1.2570				2.6		20.0			
PCB-209	1.1711 1.0454	1.0371	0.9906	1.0071	0.9995	AveID		1.0418				6.4		20.0			
PCB-1L	1.3136 1.3877	1.3766	1.3576	1.3423	1.3655	Ave		1.3572				1.9		35.0			
PCB-3L	1.3640 1.4826	1.4068	1.4061	1.3867	1.4357	Ave		1.4136				2.9		35.0			
PCB-4L	0.6113 0.6295	0.6177	0.6184	0.6081	0.6160	Ave		0.6168				1.2		35.0			
PCB-19L	0.6002 0.6098	0.6064	0.6087	0.6126	0.6074	Ave		0.6075				0.7		35.0			
PCB-15L	1.0941 1.1672	1.0967	1.1117	1.0848	1.1641	Ave		1.1198				3.3		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-54L	0.7017 0.6777	0.6580	0.6853	0.6690	0.6719	Ave		0.6773				2.2		35.0			
PCB-104L	1.2100 1.1266	1.1983	1.2337	1.1778	1.1819	Ave		1.1880				3.1		35.0			
PCB-37L	0.8911 0.9128	0.8838	0.8875	0.8828	0.9179	Ave		0.8960				1.7		35.0			
PCB-155L	1.1674 1.0656	1.1594	1.1583	1.1371	1.1263	Ave		1.1357				3.3		35.0			
PCB-81L	1.3386 1.4074	1.3222	1.3294	1.3090	1.3914	Ave		1.3497				3.0		35.0			
PCB-77L	1.4032 1.4419	1.4040	1.4079	1.3916	1.5048	Ave		1.4256				3.0		35.0			
PCB-123L	0.9273 0.9658	0.9085	0.9375	0.9223	0.9782	Ave		0.9399				2.9		35.0			
PCB-118L	0.9434 0.9844	0.9433	1.0020	0.9930	1.0101	Ave		0.9794				3.0		35.0			
PCB-188L	1.3031 1.2563	1.2681	1.2615	1.2246	1.2493	Ave		1.2605				2.0		35.0			
PCB-114L	0.9635 0.9836	0.9484	0.9862	0.9682	1.0106	Ave		0.9767				2.2		35.0			
PCB-105L	0.9465 0.9726	0.9400	0.9687	0.9434	0.9891	Ave		0.9600				2.1		35.0			
PCB-126L	0.9411 0.9787	0.9143	0.9610	0.9511	0.9866	Ave		0.9554				2.8		35.0			
PCB-202L	1.0783 1.0287	1.0470	1.0476	0.9955	1.0371	Ave		1.0390				2.6		35.0			
PCB-167L	1.2669 1.2562	1.2748	1.2836	1.2498	1.2658	Ave		1.2662				1.0		35.0			
PCB-156L	1.2601 1.2392	1.2542	1.2608	1.2358	1.2592	Ave		1.2515				0.9		35.0			
PCB-156L/157L	1.2601 1.2392	1.2542	1.2608	1.2358	1.2592	Ave		1.2515				0.9		35.0			
PCB-157L	1.2601 1.2392	1.2542	1.2608	1.2358	1.2592	Ave		1.2515				0.9		35.0			
PCB-170L	0.8763 0.8230	0.8730	0.8587	0.8406	0.8429	Ave		0.8524				2.4		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-169L	1.3016 1.2999	1.3029	1.3219	1.2935	1.3224	Ave		1.3070				0.9		35.0			
PCB-208L	1.0370 1.0198	1.0238	1.0206	1.0053	1.0337	Ave		1.0234				1.1		35.0			
PCB-189L	1.3955 1.5418	1.4533	1.4786	1.4630	1.5116	Ave		1.4740				3.4		35.0			
PCB-205L	1.2440 1.2270	1.1936	1.2106	1.2018	1.2225	Ave		1.2166				1.5		35.0			
PCB-206L	0.7525 0.7303	0.7053	0.7353	0.7186	0.7371	Ave		0.7298				2.2		35.0			
PCB-209L	0.7941 0.7430	0.7533	0.7476	0.7418	0.7593	Ave		0.7565				2.6		35.0			
PCB-8L			1.0544	1.1162	1.1004	AveID		1.0903				2.9		35.0			
PCB-28L			1.0080	0.9689	0.9876	Ave		0.9882				2.0		35.0			
PCB-95L			0.5931	0.7256	0.7270	AveID		0.6819				11.3		35.0			
PCB-79L			0.8343	0.9702	0.9611	AveID		0.9218				8.2		35.0			
PCB-111L			0.9906	1.2749	1.2749	Ave		1.1801				13.9		35.0			
PCB-153L			0.9078	0.7816	0.7530	AveID		0.8141				10.1		35.0			
PCB-178L			0.7107	0.8890	0.9100	Ave		0.8365				13.1		35.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 140-54640/1	d3211008ic1.d
Level 2	IC 140-54640/2	d3211008ic2.d
Level 3	IC 140-54640/3	d3211007ic3.d
Level 4	IC 140-54640/4	d3211007ic4.d
Level 5	IC 140-54640/5	d3211007ic5.d
Level 6	IC 140-54640/6	d3211007ic6.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1		AveID	170984 +++++	335252	1635646	16154713	136674668	0.500 +++++	1.00	5.00	50.0	400
PCB-2		AveID	184950 +++++	352857	1684140	17072513	140708140	0.500 +++++	1.00	5.00	50.0	400
PCB-3		AveID	173288 +++++	354704	1695936	17018015	144771351	0.500 +++++	1.00	5.00	50.0	400
PCB-4		AveID	81656 339462616	158078	758067	7728138	61595313	0.500 2000	1.00	5.00	50.0	400
PCB-10		AveID	99044 435185893	192695	1008897	9891385	79824605	0.500 2000	1.00	5.00	50.0	400
PCB-9		AveID	117267 501091869	237530	1170744	11704079	94531473	0.500 2000	1.00	5.00	50.0	400
PCB-7		AveID	110336 471689300	209331	1058042	10637875	86357015	0.500 2000	1.00	5.00	50.0	400
PCB-6		AveID	134584 537094552	261003	1277321	12672826	102984757	0.500 2000	1.00	5.00	50.0	400
PCB-5		AveID	106377 464050617	207505	1039029	10324684	84177501	0.500 2000	1.00	5.00	50.0	400
PCB-8		AveID	135223 558451625	255051	1310102	12873796	106639376	0.500 2000	1.00	5.00	50.0	400
PCB-19		AveID	59466 230600759	109923	534935	5372917	42366813	0.500 2000	1.00	5.00	50.0	400
PCB-14		AveID	112960 488680892	218141	1093442	10866180	88575256	0.500 2000	1.00	5.00	50.0	400
PCB-18		AveID	160903 668158788	313852	1489214	14761584	119483130	1.00 4000	2.00	10.0	100	800
PCB-18/30		AveID	160903 668158788	313852	1489214	14761584	119483130	1.00 4000	2.00	10.0	100	800
PCB-30		AveID	160903 668158788	313852	1489214	14761584	119483130	1.00 4000	2.00	10.0	100	800
PCB-11		AveID	128732 543255423	253674	1214300	11867491	98252906	0.500 2000	1.00	5.00	50.0	400

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-17		AveID	56232 217343112	97978	515751	5058953	40861125	0.500 2000	1.00	5.00	50.0	400
PCB-12		AveID	217782 952305492	461065	2204260	22067419	182696252	1.00 4000	2.00	10.0	100	800
PCB-12/13		AveID	217782 952305492	461065	2204260	22067419	182696252	1.00 4000	2.00	10.0	100	800
PCB-13		AveID	217782 952305492	461065	2204260	22067419	182696252	1.00 4000	2.00	10.0	100	800
PCB-27		AveID	68222 339474750	138868	718009	7192733	59853647	0.500 2000	1.00	5.00	50.0	400
PCB-24		AveID	75757 327262883	147502	753005	7487141	60109079	0.500 2000	1.00	5.00	50.0	400
PCB-16		AveID	52133 216932731	102962	510303	5040298	39798100	0.500 2000	1.00	5.00	50.0	400
PCB-15		AveID	123870 553456901	255803	1257624	12438730	101803647	0.500 2000	1.00	5.00	50.0	400
PCB-54		AveID	60146 240757174	115712	566007	5513322	45054543	0.500 2000	1.00	5.00	50.0	400
PCB-32		AveID	90129 359186949	162448	824453	8141229	65762928	0.500 2000	1.00	5.00	50.0	400
PCB-34		AveID	138807 629434294	260564	1340963	13727199	112525495	0.500 2000	1.00	5.00	50.0	400
PCB-23		AveID	136236 655898936	265325	1429781	14139886	113036528	0.500 2000	1.00	5.00	50.0	400
PCB-26		AveID	278133 946165805	563599	2833913	28534547	241661671	1.00 4000	2.00	10.0	100	800
PCB-26/29		AveID	278133 946165805	563599	2833913	28534547	241661671	1.00 4000	2.00	10.0	100	800
PCB-29		AveID	278133 946165805	563599	2833913	28534547	241661671	1.00 4000	2.00	10.0	100	800
PCB-25		AveID	169062 787230204	353936	1794542	17748844	144253570	0.500 2000	1.00	5.00	50.0	400
PCB-50		AveID	169171 734731395	349838	1673923	16556306	137616733	1.00 4000	2.00	10.0	100	800
PCB-50/53		AveID	169171 734731395	349838	1673923	16556306	137616733	1.00 4000	2.00	10.0	100	800
PCB-53		AveID	169171 734731395	349838	1673923	16556306	137616733	1.00 4000	2.00	10.0	100	800
PCB-31		AveID	173316 727223424	335920	1654817	16789307	137151409	0.500 2000	1.00	5.00	50.0	400
PCB-20		AveID	312410	609529	3053072	30156991	257838732	1.00	2.00	10.0	100	800

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			1189699025					4000				
PCB-20/28		AveID	312410 1189699025	609529	3053072	30156991	257838732	1.00 4000	2.00	10.0	100	800
PCB-28		AveID	312410 1189699025	609529	3053072	30156991	257838732	1.00 4000	2.00	10.0	100	800
PCB-45		AveID	158285 704679154	302782	1539824	15380247	124147333	1.00 4000	2.00	10.0	100	800
PCB-45/51		AveID	158285 704679154	302782	1539824	15380247	124147333	1.00 4000	2.00	10.0	100	800
PCB-51		AveID	158285 704679154	302782	1539824	15380247	124147333	1.00 4000	2.00	10.0	100	800
PCB-21		AveID	285348 1405814593	616216	3001367	30809022	252925388	1.00 4000	2.00	10.0	100	800
PCB-21/33		AveID	285348 1405814593	616216	3001367	30809022	252925388	1.00 4000	2.00	10.0	100	800
PCB-33		AveID	285348 1405814593	616216	3001367	30809022	252925388	1.00 4000	2.00	10.0	100	800
PCB-46		AveID	65372 279263952	130597	664702	6558856	52012886	0.500 2000	1.00	5.00	50.0	400
PCB-22		AveID	158394 732863129	316448	1630281	16827386	134681352	0.500 2000	1.00	5.00	50.0	400
PCB-52		AveID	99323 404970555	187574	927476	9338677	72438009	0.500 2000	1.00	5.00	50.0	400
PCB-43		AveID	194195 890930420	385902	2013932	19210028	159264958	1.00 4000	2.00	10.0	100	800
PCB-43/73		AveID	194195 890930420	385902	2013932	19210028	159264958	1.00 4000	2.00	10.0	100	800
PCB-73		AveID	194195 890930420	385902	2013932	19210028	159264958	1.00 4000	2.00	10.0	100	800
PCB-36		AveID	178584 781865212	349693	1766933	17539444	140434197	0.500 2000	1.00	5.00	50.0	400
PCB-49		AveID	197610 905711028	383748	1958303	19156376	159100500	1.00 4000	2.00	10.0	100	800
PCB-49/69		AveID	197610 905711028	383748	1958303	19156376	159100500	1.00 4000	2.00	10.0	100	800
PCB-69		AveID	197610 905711028	383748	1958303	19156376	159100500	1.00 4000	2.00	10.0	100	800
PCB-39		AveID	157781 724032541	313496	1544681	15497314	128773085	0.500 2000	1.00	5.00	50.0	400
PCB-48		AveID	86691 361872361	169182	825860	8005360	64534098	0.500 2000	1.00	5.00	50.0	400

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-104		AveID	75207 303997309	135711	698165	7093423	56039039	0.500 2000	1.00	5.00	50.0	400
PCB-44		AveID	298359 1055284382	550661	2808344	27864374	236708776	1.50 6000	3.00	15.0	150	1200
PCB-44/47/65		AveID	298359 1055284382	550661	2808344	27864374	236708776	1.50 6000	3.00	15.0	150	1200
PCB-47		AveID	298359 1055284382	550661	2808344	27864374	236708776	1.50 6000	3.00	15.0	150	1200
PCB-65		AveID	298359 1055284382	550661	2808344	27864374	236708776	1.50 6000	3.00	15.0	150	1200
PCB-38		AveID	151887 744529900	326650	1547580	15760489	131039691	0.500 2000	1.00	5.00	50.0	400
PCB-59		AveID	358050 1319658087	659372	3309397	32875056	279594977	1.50 6000	3.00	15.0	150	1200
PCB-59/62/75		AveID	358050 1319658087	659372	3309397	32875056	279594977	1.50 6000	3.00	15.0	150	1200
PCB-62		AveID	358050 1319658087	659372	3309397	32875056	279594977	1.50 6000	3.00	15.0	150	1200
PCB-75		AveID	358050 1319658087	659372	3309397	32875056	279594977	1.50 6000	3.00	15.0	150	1200
PCB-96		AveID	82819 368860052	150888	811743	7908976	65006626	0.500 2000	1.00	5.00	50.0	400
PCB-42		AveID	79604 321747952	150794	791714	7470339	58581320	0.500 2000	1.00	5.00	50.0	400
PCB-35		AveID	158469 695456544	311867	1546934	14498467	121880313	0.500 2000	1.00	5.00	50.0	400
PCB-40		AveID	264604 1083264409	505087	2520575	24330980	203499293	1.50 6000	3.00	15.0	150	1200
PCB-40/41/71		AveID	264604 1083264409	505087	2520575	24330980	203499293	1.50 6000	3.00	15.0	150	1200
PCB-41		AveID	264604 1083264409	505087	2520575	24330980	203499293	1.50 6000	3.00	15.0	150	1200
PCB-71		AveID	264604 1083264409	505087	2520575	24330980	203499293	1.50 6000	3.00	15.0	150	1200
PCB-37		AveID	159594 710234775	306291	1525716	15366512	123978062	0.500 2000	1.00	5.00	50.0	400
PCB-64		AveID	112896 520015645	218988	1145687	11360017	90828692	0.500 2000	1.00	5.00	50.0	400
PCB-72		AveID	125790 586723388	253531	1268142	12727625	102807467	0.500 2000	1.00	5.00	50.0	400
PCB-103		AveID	59903	120002	591603	5849544	45997172	0.500	1.00	5.00	50.0	400

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			244304864					2000				
PCB-68		AveID	124469 548297972	252795	1256786	12267027	96465219	0.500 2000	1.00	5.00	50.0	400
PCB-94		AveID	47230 201523876	103421	507258	4905911	38530125	0.500 2000	1.00	5.00	50.0	400
PCB-57		AveID	134060 547115518	242169	1161953	11894173	96114368	0.500 2000	1.00	5.00	50.0	400
PCB-95		AveID	59684 229514051	110175	562186	5547370	44021842	0.500 2000	1.00	5.00	50.0	400
PCB-58		AveID	144915 645461566	282101	1397305	13649358	112731269	0.500 2000	1.00	5.00	50.0	400
PCB-100		AveID	113038 485583566	215983	1099499	10826247	87121448	1.00 4000	2.00	10.0	100	800
PCB-93		AveID	113038 485583566	215983	1099499	10826247	87121448	1.00 4000	2.00	10.0	100	800
PCB-93/100		AveID	113038 485583566	215983	1099499	10826247	87121448	1.00 4000	2.00	10.0	100	800
PCB-67		AveID	152899 663504495	279865	1472351	14253686	115655040	0.500 2000	1.00	5.00	50.0	400
PCB-102		AveID	130895 551266581	263180	1311348	12774007	101018128	1.00 4000	2.00	10.0	100	800
PCB-98		AveID	130895 551266581	263180	1311348	12774007	101018128	1.00 4000	2.00	10.0	100	800
PCB-98/102		AveID	130895 551266581	263180	1311348	12774007	101018128	1.00 4000	2.00	10.0	100	800
PCB-63		AveID	122524 521966500	236586	1154682	11454811	92061770	0.500 2000	1.00	5.00	50.0	400
PCB-88		AveID	119817 485774904	226771	1110481	11016695	88289327	1.00 4000	2.00	10.0	100	800
PCB-88/91		AveID	119817 485774904	226771	1110481	11016695	88289327	1.00 4000	2.00	10.0	100	800
PCB-91		AveID	119817 485774904	226771	1110481	11016695	88289327	1.00 4000	2.00	10.0	100	800
PCB-61		AveID	544758 1955135712	1016556	5173272	50955171	431435688	2.00 8000	4.00	20.0	200	1600
PCB-61/70/74/76		AveID	544758 1955135712	1016556	5173272	50955171	431435688	2.00 8000	4.00	20.0	200	1600
PCB-70		AveID	544758 1955135712	1016556	5173272	50955171	431435688	2.00 8000	4.00	20.0	200	1600
PCB-74		AveID	544758 1955135712	1016556	5173272	50955171	431435688	2.00 8000	4.00	20.0	200	1600

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-76		AveID	544758 1955135712	1016556	5173272	50955171	431435688	2.00 8000	4.00	20.0	200	1600
PCB-84		AveID	47167 198364378	99628	498180	4864462	38512709	0.500 2000	1.00	5.00	50.0	400
PCB-66		AveID	135375 618722841	265395	1373890	13312828	108780634	0.500 2000	1.00	5.00	50.0	400
PCB-55		AveID	150236 617090885	277852	1386196	13411048	108229194	0.500 2000	1.00	5.00	50.0	400
PCB-89		AveID	66950 240781146	121057	584010	5949607	45868301	0.500 2000	1.00	5.00	50.0	400
PCB-56		AveID	146993 595775748	257986	1332191	12972861	104240261	0.500 2000	1.00	5.00	50.0	400
PCB-121		AveID	90048 393056974	183676	902089	8963156	71148354	0.500 2000	1.00	5.00	50.0	400
PCB-60		AveID	131350 491009228	245795	1137447	11002324	87532869	0.500 2000	1.00	5.00	50.0	400
PCB-92		AveID	55354 225508444	115710	544945	5569831	43215374	0.500 2000	1.00	5.00	50.0	400
PCB-80		AveID	151886 607147930	294626	1417483	13281542	107014187	0.500 2000	1.00	5.00	50.0	400
PCB-155		AveID	66228 254971648	127045	641513	6185938	48319522	0.500 2000	1.00	5.00	50.0	400
PCB-152		AveID	74306 339157071	145605	753300	7582840	60815602	0.500 2000	1.00	5.00	50.0	400
PCB-101		AveID	205698 900547830	404908	1999772	19386889	157546754	1.50 6000	3.00	15.0	150	1200
PCB-113		AveID	205698 900547830	404908	1999772	19386889	157546754	1.50 6000	3.00	15.0	150	1200
PCB-90		AveID	205698 900547830	404908	1999772	19386889	157546754	1.50 6000	3.00	15.0	150	1200
PCB-90/101/113		AveID	205698 900547830	404908	1999772	19386889	157546754	1.50 6000	3.00	15.0	150	1200
PCB-150		AveID	67624 281992916	137793	675435	6678690	52827921	0.500 2000	1.00	5.00	50.0	400
PCB-136		AveID	73592 271273626	126721	634288	6306619	50110983	0.500 2000	1.00	5.00	50.0	400
PCB-83		AveID	127853 533528819	255020	1257497	12135899	97057771	1.00 4000	2.00	10.0	100	800
PCB-83/99		AveID	127853 533528819	255020	1257497	12135899	97057771	1.00 4000	2.00	10.0	100	800
PCB-99		AveID	127853	255020	1257497	12135899	97057771	1.00	2.00	10.0	100	800

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			533528819					4000				
PCB-112		AveID	101280 422185952	202938	982711	10111701	77869312	0.500 2000	1.00	5.00	50.0	400
PCB-145		AveID	76647 304867692	141125	730889	7286953	56844398	0.500 2000	1.00	5.00	50.0	400
PCB-109		AveID	434913 1874043647	852380	4356869	42707054	355967618	3.00 12000	6.00	30.0	300	2400
PCB-119		AveID	434913 1874043647	852380	4356869	42707054	355967618	3.00 12000	6.00	30.0	300	2400
PCB-125		AveID	434913 1874043647	852380	4356869	42707054	355967618	3.00 12000	6.00	30.0	300	2400
PCB-86		AveID	434913 1874043647	852380	4356869	42707054	355967618	3.00 12000	6.00	30.0	300	2400
PCB-86/87/97/109/119/125		AveID	434913 1874043647	852380	4356869	42707054	355967618	3.00 12000	6.00	30.0	300	2400
PCB-87		AveID	434913 1874043647	852380	4356869	42707054	355967618	3.00 12000	6.00	30.0	300	2400
PCB-97		AveID	434913 1874043647	852380	4356869	42707054	355967618	3.00 12000	6.00	30.0	300	2400
PCB-79		AveID	155772 732258059	328144	1541469	15490101	128354089	0.500 2000	1.00	5.00	50.0	400
PCB-78		AveID	146002 573125886	267796	1390361	12634080	101458444	0.500 2000	1.00	5.00	50.0	400
PCB-116		AveID	222329 961572148	425738	2143747	21138841	169424631	1.50 6000	3.00	15.0	150	1200
PCB-117		AveID	222329 961572148	425738	2143747	21138841	169424631	1.50 6000	3.00	15.0	150	1200
PCB-85		AveID	222329 961572148	425738	2143747	21138841	169424631	1.50 6000	3.00	15.0	150	1200
PCB-85/116/117		AveID	222329 961572148	425738	2143747	21138841	169424631	1.50 6000	3.00	15.0	150	1200
PCB-110		AveID	196234 846514499	379669	1899303	18537160	149040447	1.00 4000	2.00	10.0	100	800
PCB-110/115		AveID	196234 846514499	379669	1899303	18537160	149040447	1.00 4000	2.00	10.0	100	800
PCB-115		AveID	196234 846514499	379669	1899303	18537160	149040447	1.00 4000	2.00	10.0	100	800
PCB-81		AveID	114980 473642410	234391	1024775	10499616	85007734	0.500 2000	1.00	5.00	50.0	400
PCB-148		AveID	52823 205699091	96455	509121	4943838	38992245	0.500 2000	1.00	5.00	50.0	400

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-82		AveID	58618 247005301	128696	610024	6017010	46831131	0.500 2000	1.00	5.00	50.0	400
PCB-111		AveID	90882 361958601	172836	869783	8412558	66961411	0.500 2000	1.00	5.00	50.0	400
PCB-77		AveID	117902 525991572	247129	1188127	11620989	93976020	0.500 2000	1.00	5.00	50.0	400
PCB-135		AveID	107324 413427577	201777	998995	9852936	77107172	1.00 4000	2.00	10.0	100	800
PCB-135/151		AveID	107324 413427577	201777	998995	9852936	77107172	1.00 4000	2.00	10.0	100	800
PCB-151		AveID	107324 413427577	201777	998995	9852936	77107172	1.00 4000	2.00	10.0	100	800
PCB-120		AveID	113145 462474997	210583	1066190	10391963	82917370	0.500 2000	1.00	5.00	50.0	400
PCB-154		AveID	60260 230413266	110041	548397	5467611	43059273	0.500 2000	1.00	5.00	50.0	400
PCB-144		AveID	51452 198822846	106067	496061	4970360	38404372	0.500 2000	1.00	5.00	50.0	400
PCB-147		AveID	155035 731603245	318768	1531416	15020995	128641468	1.00 4000	2.00	10.0	100	800
PCB-147/149		AveID	155035 731603245	318768	1531416	15020995	128641468	1.00 4000	2.00	10.0	100	800
PCB-149		AveID	155035 731603245	318768	1531416	15020995	128641468	1.00 4000	2.00	10.0	100	800
PCB-134		AveID	131395 516584647	257120	1242432	12318623	97970158	1.00 4000	2.00	10.0	100	800
PCB-134/143		AveID	131395 516584647	257120	1242432	12318623	97970158	1.00 4000	2.00	10.0	100	800
PCB-143		AveID	131395 516584647	257120	1242432	12318623	97970158	1.00 4000	2.00	10.0	100	800
PCB-108		AveID	215643 921891545	411225	2253025	21930441	182699420	1.00 4000	2.00	10.0	100	800
PCB-108/124		AveID	215643 921891545	411225	2253025	21930441	182699420	1.00 4000	2.00	10.0	100	800
PCB-124		AveID	215643 921891545	411225	2253025	21930441	182699420	1.00 4000	2.00	10.0	100	800
PCB-139		AveID	159377 692558802	298080	1497646	14930074	122124205	1.00 4000	2.00	10.0	100	800
PCB-139/140		AveID	159377 692558802	298080	1497646	14930074	122124205	1.00 4000	2.00	10.0	100	800
PCB-140		AveID	159377	298080	1497646	14930074	122124205	1.00	2.00	10.0	100	800

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			692558802					4000				
PCB-107		AveID	111711 557371801	222820	1188321	12145290	101004257	0.500 2000	1.00	5.00	50.0	400
PCB-131		AveID	67762 264153752	128543	614493	6118780	48948214	0.500 2000	1.00	5.00	50.0	400
PCB-123		AveID	112412 449196311	198927	977467	9714888	80121492	0.500 2000	1.00	5.00	50.0	400
PCB-106		AveID	98463 554296826	228515	1194225	12018385	96506164	0.500 2000	1.00	5.00	50.0	400
PCB-142		AveID	60162 272925453	120938	633995	6154140	50119918	0.500 2000	1.00	5.00	50.0	400
PCB-118		AveID	93306 468976699	208927	1066949	10699826	84497724	0.500 2000	1.00	5.00	50.0	400
PCB-132		AveID	63628 270945305	131516	672569	6496183	51322455	0.500 2000	1.00	5.00	50.0	400
PCB-122		AveID	94327 403835270	181435	918828	9184376	74026036	0.500 2000	1.00	5.00	50.0	400
PCB-188		AveID	75738 333235439	149754	789152	7659899	61609085	0.500 2000	1.00	5.00	50.0	400
PCB-114		AveID	112322 486902936	216062	1119176	10992744	87477544	0.500 2000	1.00	5.00	50.0	400
PCB-133		AveID	72892 302792729	141500	721228	7088298	56335345	0.500 2000	1.00	5.00	50.0	400
PCB-179		AveID	90915 356981272	179731	841111	8269271	66775499	0.500 2000	1.00	5.00	50.0	400
PCB-165		AveID	95155 366005635	177000	864965	8700988	68124713	0.500 2000	1.00	5.00	50.0	400
PCB-105		AveID	100863 490014981	214643	1099828	10522104	84714600	0.500 2000	1.00	5.00	50.0	400
PCB-146		AveID	86645 365657536	164689	844158	8344119	65636713	0.500 2000	1.00	5.00	50.0	400
PCB-184		AveID	81832 341944185	159375	792964	7755139	62825761	0.500 2000	1.00	5.00	50.0	400
PCB-161		AveID	106131 466344147	200926	1033211	10291604	84450860	0.500 2000	1.00	5.00	50.0	400
PCB-176		AveID	78479 299918755	149841	731813	7251899	56875086	0.500 2000	1.00	5.00	50.0	400
PCB-153		AveID	185312 864694754	388031	1911315	18739301	153553809	1.00 4000	2.00	10.0	100	800
PCB-153/168		AveID	185312 864694754	388031	1911315	18739301	153553809	1.00 4000	2.00	10.0	100	800

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-168		AveID	185312 864694754	388031	1911315	18739301	153553809	1.00 4000	2.00	10.0	100	800
PCB-141		AveID	66029 291592583	138983	737643	6982353	56218344	0.500 2000	1.00	5.00	50.0	400
PCB-186		AveID	96844 378771326	174596	891621	8935149	71062914	0.500 2000	1.00	5.00	50.0	400
PCB-130		AveID	59586 234936590	124153	596773	5771413	45175108	0.500 2000	1.00	5.00	50.0	400
PCB-127		AveID	111667 544217719	225505	1211816	11884554	94674746	0.500 2000	1.00	5.00	50.0	400
PCB-137		AveID	72651 300898989	131697	682857	6863761	55015249	0.500 2000	1.00	5.00	50.0	400
PCB-164		AveID	104933 434205620	209729	1050064	9988254	79442385	0.500 2000	1.00	5.00	50.0	400
PCB-129		AveID	324493 1437022508	641846	3232909	31608333	257577939	2.00 8000	4.00	20.0	200	1600
PCB-129/138/160/163		AveID	324493 1437022508	641846	3232909	31608333	257577939	2.00 8000	4.00	20.0	200	1600
PCB-138		AveID	324493 1437022508	641846	3232909	31608333	257577939	2.00 8000	4.00	20.0	200	1600
PCB-160		AveID	324493 1437022508	641846	3232909	31608333	257577939	2.00 8000	4.00	20.0	200	1600
PCB-163		AveID	324493 1437022508	641846	3232909	31608333	257577939	2.00 8000	4.00	20.0	200	1600
PCB-158		AveID	110960 436587277	206336	1043873	10167790	81461608	0.500 2000	1.00	5.00	50.0	400
PCB-178		AveID	57339 226533850	101660	549973	5328079	43211836	0.500 2000	1.00	5.00	50.0	400
PCB-175		AveID	58939 222346708	114858	560687	5443884	42699319	0.500 2000	1.00	5.00	50.0	400
PCB-126		AveID	113709 545218156	248032	1223994	12188110	97933947	0.500 2000	1.00	5.00	50.0	400
PCB-128		AveID	172123 779360339	345204	1765146	17153184	138369680	1.00 4000	2.00	10.0	100	800
PCB-128/166		AveID	172123 779360339	345204	1765146	17153184	138369680	1.00 4000	2.00	10.0	100	800
PCB-166		AveID	172123 779360339	345204	1765146	17153184	138369680	1.00 4000	2.00	10.0	100	800
PCB-187		AveID	77628 291862210	142848	708034	6778091	54000202	0.500 2000	1.00	5.00	50.0	400
PCB-182		AveID	74168	132999	678387	6664897	52491989	0.500	1.00	5.00	50.0	400

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			278594536					2000				
PCB-183		AveID	132916 476536244	254639	1157190	11441272	90141299	1.00 4000	2.00	10.0	100	800
PCB-183/185		AveID	132916 476536244	254639	1157190	11441272	90141299	1.00 4000	2.00	10.0	100	800
PCB-185		AveID	132916 476536244	254639	1157190	11441272	90141299	1.00 4000	2.00	10.0	100	800
PCB-174		AveID	62315 251893824	127073	626349	5945006	47824598	0.500 2000	1.00	5.00	50.0	400
PCB-159		AveID	126838 522857214	234992	1189785	11583228	94496167	0.500 2000	1.00	5.00	50.0	400
PCB-162		AveID	101929 443967325	198317	1029841	9693028	77683768	0.500 2000	1.00	5.00	50.0	400
PCB-177		AveID	59246 241437985	119713	607393	5845566	46582830	0.500 2000	1.00	5.00	50.0	400
PCB-202		AveID	60770 247793245	128632	625463	5918123	47473898	0.500 2000	1.00	5.00	50.0	400
PCB-167		AveID	103534 436368060	211104	1011865	9930259	78569385	0.500 2000	1.00	5.00	50.0	400
PCB-181		AveID	65375 268545561	138963	655569	6301162	49851140	0.500 2000	1.00	5.00	50.0	400
PCB-171		AveID	115921 472205871	216677	1081895	10715162	86254886	1.00 4000	2.00	10.0	100	800
PCB-171/173		AveID	115921 472205871	216677	1081895	10715162	86254886	1.00 4000	2.00	10.0	100	800
PCB-173		AveID	115921 472205871	216677	1081895	10715162	86254886	1.00 4000	2.00	10.0	100	800
PCB-201		AveID	62641 229785096	119780	580054	5660031	44361727	0.500 2000	1.00	5.00	50.0	400
PCB-156		AveID	198467 841095890	395317	1932432	18859965	151014135	1.00 4000	2.00	10.0	100	800
PCB-156/157		AveID	198467 841095890	395317	1932432	18859965	151014135	1.00 4000	2.00	10.0	100	800
PCB-157		AveID	198467 841095890	395317	1932432	18859965	151014135	1.00 4000	2.00	10.0	100	800
PCB-204		AveID	71860 273000517	138741	664740	6569889	51603427	0.500 2000	1.00	5.00	50.0	400
PCB-197		AveID	67823 259979270	125734	642785	6179149	49018221	0.500 2000	1.00	5.00	50.0	400
PCB-200		AveID	56799 239862177	114879	597655	5971959	47329681	0.500 2000	1.00	5.00	50.0	400

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-172		AveID	60353 227987662	118897	563552	5653635	44094696	0.500 2000	1.00	5.00	50.0	400
PCB-192		AveID	92650 358483200	174224	859960	8532583	67208690	0.500 2000	1.00	5.00	50.0	400
PCB-180		AveID	146875 606718444	285070	1441602	14160631	112035933	1.00 4000	2.00	10.0	100	800
PCB-180/193		AveID	146875 606718444	285070	1441602	14160631	112035933	1.00 4000	2.00	10.0	100	800
PCB-193		AveID	146875 606718444	285070	1441602	14160631	112035933	1.00 4000	2.00	10.0	100	800
PCB-191		AveID	84982 318554431	149339	783385	7831349	60400084	0.500 2000	1.00	5.00	50.0	400
PCB-170		AveID	58457 213049584	111350	542256	5364198	41669000	0.500 2000	1.00	5.00	50.0	400
PCB-190		AveID	80563 321319659	166775	800638	8017179	62675506	0.500 2000	1.00	5.00	50.0	400
PCB-169		AveID	113053 499313066	237150	1169948	11391888	92316556	0.500 2000	1.00	5.00	50.0	400
PCB-198		AveID	116760 441672977	219126	1025734	10259335	82539493	1.00 4000	2.00	10.0	100	800
PCB-198/199		AveID	116760 441672977	219126	1025734	10259335	82539493	1.00 4000	2.00	10.0	100	800
PCB-199		AveID	116760 441672977	219126	1025734	10259335	82539493	1.00 4000	2.00	10.0	100	800
PCB-196		AveID	53222 185051499	95605	476695	4723242	36629925	0.500 2000	1.00	5.00	50.0	400
PCB-203		AveID	59682 238901303	118445	595871	5864362	45945903	0.500 2000	1.00	5.00	50.0	400
PCB-208		AveID	91808 324700006	172384	808308	7828150	61860972	0.500 2000	1.00	5.00	50.0	400
PCB-195		AveID	78910 316485398	155103	792602	7666702	60111819	0.500 2000	1.00	5.00	50.0	400
PCB-189		AveID	111787 491297883	229072	1173833	11386370	89153684	0.500 2000	1.00	5.00	50.0	400
PCB-207		AveID	84477 335241503	177557	818548	8172638	63585496	0.500 2000	1.00	5.00	50.0	400
PCB-194		AveID	87931 355084178	172375	874227	8639743	67382358	0.500 2000	1.00	5.00	50.0	400
PCB-205		AveID	110059 429552350	214781	1075392	10224731	79911020	0.500 2000	1.00	5.00	50.0	400
PCB-206		AveID	72287	148091	729448	6924076	53483170	0.500	1.00	5.00	50.0	400

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			277437568					2000				
PCB-209		AveID	72256 227840046	126172	598427	5758157	44675825	0.500 2000	1.00	5.00	50.0	400
PCB-1L	PCB9L	Ave	26659039 27222800	28359481	27821107	27085971	26432261	100 100	100	100	100	100
PCB-3L	PCB9L	Ave	27681579 29085602	28981393	28814988	27981285	27791541	100 100	100	100	100	100
PCB-4L	PCB9L	Ave	12405884 12348832	12725624	12672398	12271526	11924149	100 100	100	100	100	100
PCB-19L	PCB32L	Ave	8681375 8478261	8746665	8795876	8452672	8350999	100 100	100	100	100	100
PCB-15L	PCB9L	Ave	22204389 22898469	22592576	22781646	21888853	22533731	100 100	100	100	100	100
PCB-54L	PCB32L	Ave	10149583 9423099	9491682	9902732	9231595	9237472	100 100	100	100	100	100
PCB-104L	PCB101L	Ave	14547508 13976634	14512098	14900618	13896644	13761361	100 100	100	100	100	100
PCB-37L	PCB31L	Ave	27525555 28084685	27891102	27991176	27183331	27531370	100 100	100	100	100	100
PCB-155L	PCB101L	Ave	14035544 13220149	14041006	13989978	13416823	13114665	100 100	100	100	100	100
PCB-81L	PCB52L	Ave	21863922 22140336	22002358	22105797	21207598	21576172	100 100	100	100	100	100
PCB-77L	PCB52L	Ave	22917725 22684328	23364080	23410586	22545449	23333911	100 100	100	100	100	100
PCB-123L	PCB127L	Ave	19219213 20297251	19766926	20254098	19312906	19753363	100 100	100	100	100	100
PCB-118L	PCB127L	Ave	19552203 20687454	20525599	21648563	20792372	20396826	100 100	100	100	100	100
PCB-188L	PCB180L	Ave	15186956 14562227	15201691	15171774	14285108	14245893	100 100	100	100	100	100
PCB-114L	PCB127L	Ave	19967608	20635249	21305579	20272944	20407403	100	100	100	100	100

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
			20672490					100				
PCB-105L	PCB127L	Ave	19615944 20439759	20452074	20929435	19754655	19973025	100 100	100	100	100	100
PCB-126L	PCB127L	Ave	19503687 20567730	19892905	20762908	19914786	19921892	100 100	100	100	100	100
PCB-202L	PCB180L	Ave	12566907 11924029	12550908	12599426	11613233	11826600	100 100	100	100	100	100
PCB-167L	PCB138L	Ave	18459767 18284774	19201921	19175870	18118770	17971397	100 100	100	100	100	100
PCB-156L	PCB138L	Ave	36720092 36072983	37783522	37670475	35831242	35753500	200 200	200	200	200	200
PCB-156L/157L	PCB138L	Ave	36720092 36072983	37783522	37670475	35831242	35753500	200 200	200	200	200	200
PCB-157L	PCB138L	Ave	36720092 36072983	37783522	37670475	35831242	35753500	200 200	200	200	200	200
PCB-170L	PCB180L	Ave	10212397 9539189	10464980	10327872	9805885	9611804	100 100	100	100	100	100
PCB-169L	PCB138L	Ave	18964585 18920198	19625603	19747264	18752780	18774440	100 100	100	100	100	100
PCB-208L	PCB194L	Ave	16114392 14957181	16534622	16494343	15497318	15212396	100 100	100	100	100	100
PCB-189L	PCB194L	Ave	21684648 22613346	23470697	23896042	22552559	22246243	100 100	100	100	100	100
PCB-205L	PCB194L	Ave	19329990 17996574	19275891	19564032	18526434	17991792	100 100	100	100	100	100
PCB-206L	PCB194L	Ave	11692858 10711070	11390471	11883832	11077157	10848129	100 100	100	100	100	100
PCB-209L	PCB194L	Ave	12340025 10897212	12165704	12082566	11434571	11174230	100 100	100	100	100	100

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PG/UL)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
PCB-8L		AveID			934539	9532281	75836929			5.00	50.0	400
PCB-28L	PCB31L	Ave			1589600	14918558	118491668			5.00	50.0	400
PCB-95L		AveID			441877	5041619	40020751			5.00	50.0	400
PCB-79L		AveID			949312	10611766	86325428			5.00	50.0	400
PCB-111L	PCB101L	Ave			598190	7521673	59376484			5.00	50.0	400
PCB-153L		AveID			869188	7102818	54594119			5.00	50.0	400
PCB-178L	PCB180L	Ave			427353	5185354	41506290			5.00	50.0	400

Curve Type Legend:
Ave = Average ISTD
AveID = Average isotope dilution

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 140-54640/1	d3211008ic1.d
Level 2	IC 140-54640/2	d3211008ic2.d
Level 3	IC 140-54640/3	d3211007ic3.d
Level 4	IC 140-54640/4	d3211007ic4.d
Level 5	IC 140-54640/5	d3211007ic5.d
Level 6	IC 140-54640/6	d3211007ic6.d

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
PCB-1	4.7	-3.5	-4.0	-2.6	5.5	+++++	50	30	30	30	30	
PCB-2	7.7	-2.6	-5.9	-1.9	2.7	+++++	50	30	30	30	30	
PCB-3	1.4	-0.8	-4.6	-1.5	5.5	+++++	50	30	30	30	30	
PCB-4	2.8	-3.0	-6.5	-1.6	0.9	7.4	50	30	30	30	30	30
PCB-10	-0.8	-5.5	-1.4	0.3	0.4	7.0	50	30	30	30	30	30
PCB-9	-0.7	-1.4	-3.2	0.5	0.6	4.2	50	30	30	30	30	30
PCB-7	2.1	-5.1	-4.4	-0.2	0.4	7.2	50	30	30	30	30	30
PCB-6	4.0	-1.2	-3.7	-0.8	-0.1	1.9	50	30	30	30	30	30
PCB-5	-9.7	-3.7	-4.0	-1.0	0.1	7.9	50	30	30	30	30	30
PCB-8	2.8	-5.0	-2.8	-0.9	1.8	4.2	50	30	30	30	30	30
PCB-19	6.2	-2.6	-5.7	-1.5	-1.7	5.4	50	30	30	30	30	30
PCB-14	1.5	-4.0	-4.1	-1.1	-0.1	7.8	50	30	30	30	30	30
PCB-18	2.5	-0.7	-6.3	-3.4	-1.1	9.0	50	30	30	30	30	30
PCB-18/30	2.5	-0.7	-6.3	-3.4	-1.1	9.0	50	30	30	30	30	30
PCB-30	2.5	-0.7	-6.3	-3.4	-1.1	9.0	50	30	30	30	30	30
PCB-11	3.2	-0.4	-5.0	-3.6	-1.1	6.9	50	30	30	30	30	30
PCB-17	6.6	-7.8	-3.5	-1.5	0.7	5.5	50	30	30	30	30	30
PCB-12	-2.9	0.7	-4.1	-0.3	2.3	-3.4	50	30	30	30	30	30
PCB-12/13	-2.9	0.7	-4.1	-0.3	2.3	-3.4	50	30	30	30	30	30
PCB-13	-2.9	0.7	-4.1	-0.3	2.3	-3.4	50	30	30	30	30	30
PCB-27	-8.3	-7.4	-4.8	-0.7	4.5	16.8	50	30	30	30	30	30
PCB-24	-1.6	-4.9	-3.5	-0.1	1.4	8.8	50	30	30	30	30	30
PCB-16	0.1	-1.9	-3.3	-0.6	-0.7	6.6	50	30	30	30	30	30
PCB-15	-1.9	-0.5	-3.0	-0.1	-0.7	6.2	50	30	30	30	30	30
PCB-54	-1.8	1.0	-5.2	-1.0	1.1	5.9	50	30	30	30	30	30
PCB-32	5.4	-5.7	-4.9	-2.2	-0.1	7.5	50	30	30	30	30	30
PCB-34	0.0	-7.4	-5.0	0.1	1.3	11.1	50	30	30	30	30	30
PCB-23	-4.2	-7.9	-1.1	0.7	-0.6	13.1	50	30	30	30	30	30
PCB-26	0.7	0.7	0.9	4.6	9.3	-16.1	50	30	30	30	30	30
PCB-26/29	0.7	0.7	0.9	4.6	9.3	-16.1	50	30	30	30	30	30
PCB-29	0.7	0.7	0.9	4.6	9.3	-16.1	50	30	30	30	30	30
PCB-25	-5.5	-2.3	-1.3	0.5	0.8	7.9	50	30	30	30	30	30
PCB-50	-1.6	0.5	-4.2	-1.4	-0.2	6.8	50	30	30	30	30	30

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
PCB-50/53	-1.6	0.5	-4.2	-1.4	-0.2	6.8	50	30	30	30	30	30
PCB-53	-1.6	0.5	-4.2	-1.4	-0.2	6.8	50	30	30	30	30	30
PCB-31	1.8	-2.6	-4.4	-0.1	0.7	4.7	50	30	30	30	30	30
PCB-20	2.3	-1.5	-1.7	0.0	5.5	-4.6	50	30	30	30	30	30
PCB-20/28	2.3	-1.5	-1.7	0.0	5.5	-4.6	50	30	30	30	30	30
PCB-28	2.3	-1.5	-1.7	0.0	5.5	-4.6	50	30	30	30	30	30
PCB-45	0.2	-5.4	-4.1	-0.3	-2.0	11.5	50	30	30	30	30	30
PCB-45/51	0.2	-5.4	-4.1	-0.3	-2.0	11.5	50	30	30	30	30	30
PCB-51	0.2	-5.4	-4.1	-0.3	-2.0	11.5	50	30	30	30	30	30
PCB-21	-7.8	-1.8	-4.6	0.8	2.1	11.3	50	30	30	30	30	30
PCB-21/33	-7.8	-1.8	-4.6	0.8	2.1	11.3	50	30	30	30	30	30
PCB-33	-7.8	-1.8	-4.6	0.8	2.1	11.3	50	30	30	30	30	30
PCB-46	-1.2	-2.6	-1.1	1.5	-2.0	5.4	50	30	30	30	30	30
PCB-22	-4.3	-5.7	-3.1	2.9	1.7	8.5	50	30	30	30	30	30
PCB-52	4.5	-2.6	-4.0	0.6	-5.0	6.4	50	30	30	30	30	30
PCB-43	-2.9	-4.8	-1.0	-1.7	-0.8	11.2	50	30	30	30	30	30
PCB-43/73	-2.9	-4.8	-1.0	-1.7	-0.8	11.2	50	30	30	30	30	30
PCB-73	-2.9	-4.8	-1.0	-1.7	-0.8	11.2	50	30	30	30	30	30
PCB-36	0.2	-3.2	-2.5	-0.4	-1.5	7.5	50	30	30	30	30	30
PCB-49	-1.2	-5.3	-3.7	-2.0	-0.9	13.1	50	30	30	30	30	30
PCB-49/69	-1.2	-5.3	-3.7	-2.0	-0.9	13.1	50	30	30	30	30	30
PCB-69	-1.2	-5.3	-3.7	-2.0	-0.9	13.1	50	30	30	30	30	30
PCB-39	-1.3	-3.3	-5.0	-1.9	0.6	10.9	50	30	30	30	30	30
PCB-48	3.2	-0.6	-3.3	-2.5	-4.3	7.6	50	30	30	30	30	30
PCB-104	2.8	-7.0	-6.8	1.5	1.3	8.2	50	30	30	30	30	30
PCB-44	5.9	-3.5	-1.9	1.2	4.7	-13.6	50	30	30	30	30	30
PCB-44/47/65	5.9	-3.5	-1.9	1.2	4.7	-13.6	50	30	30	30	30	30
PCB-47	5.9	-3.5	-1.9	1.2	4.7	-13.6	50	30	30	30	30	30
PCB-65	5.9	-3.5	-1.9	1.2	4.7	-13.6	50	30	30	30	30	30
PCB-38	-6.1	-0.4	-6.0	-1.4	1.2	12.7	50	30	30	30	30	30
PCB-59	6.2	-3.5	-3.5	-0.2	3.3	-9.4	50	30	30	30	30	30
PCB-59/62/75	6.2	-3.5	-3.5	-0.2	3.3	-9.4	50	30	30	30	30	30
PCB-62	6.2	-3.5	-3.5	-0.2	3.3	-9.4	50	30	30	30	30	30
PCB-75	6.2	-3.5	-3.5	-0.2	3.3	-9.4	50	30	30	30	30	30
PCB-96	-1.1	-9.7	-5.3	-1.1	2.6	14.6	50	30	30	30	30	30
PCB-42	3.4	-9.8	1.2	-0.7	-5.1	4.4	50	30	30	30	30	30
PCB-35	1.8	-1.1	-2.3	-5.7	-2.2	9.5	50	30	30	30	30	30
PCB-40	3.4	-2.6	-3.1	-2.7	-0.9	5.7	50	30	30	30	30	30
PCB-40/41/71	3.4	-2.6	-3.1	-2.7	-0.9	5.7	50	30	30	30	30	30
PCB-41	3.4	-2.6	-3.1	-2.7	-0.9	5.7	50	30	30	30	30	30
PCB-71	3.4	-2.6	-3.1	-2.7	-0.9	5.7	50	30	30	30	30	30
PCB-37	1.3	-4.1	-4.8	-1.2	-1.7	10.5	50	30	30	30	30	30
PCB-64	-2.3	-6.4	-2.4	0.7	-2.0	12.4	50	30	30	30	30	30

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
PCB-72	-3.3	-3.8	-4.1	0.1	-1.5	12.6	50	30	30	30	30	30
PCB-103	-11.8	-0.7	-4.6	1.1	0.4	5.0	50	30	30	30	30	30
PCB-68	-1.2	-0.9	-1.8	-0.3	-4.5	8.7	50	30	30	30	30	30
PCB-94	-6.6	2.5	-2.0	1.6	0.7	3.7	50	30	30	30	30	30
PCB-57	7.8	-3.9	-8.1	-2.1	-3.7	9.9	50	30	30	30	30	30
PCB-95	3.6	-4.2	-4.8	0.8	0.9	3.6	50	30	30	30	30	30
PCB-58	0.7	-9.6	-4.4	-2.9	-2.3	12.1	50	30	30	30	30	30
PCB-100	-0.8	-5.0	-5.8	-0.5	1.1	10.9	50	30	30	30	30	30
PCB-93	-0.8	-5.0	-5.8	-0.5	1.1	10.9	50	30	30	30	30	30
PCB-93/100	-0.8	-5.0	-5.8	-0.5	1.1	10.9	50	30	30	30	30	30
PCB-67	2.9	-14.3	-2.5	-1.8	-3.0	11.5	50	30	30	30	30	30
PCB-102	-2.0	-1.3	-4.2	0.1	-0.1	7.4	50	30	30	30	30	30
PCB-98	-2.0	-1.3	-4.2	0.1	-0.1	7.4	50	30	30	30	30	30
PCB-98/102	-2.0	-1.3	-4.2	0.1	-0.1	7.4	50	30	30	30	30	30
PCB-63	2.8	-2.0	-4.7	-1.7	-3.7	9.4	50	30	30	30	30	30
PCB-88	2.7	-2.6	-7.1	-1.2	0.0	8.3	50	30	30	30	30	30
PCB-88/91	2.7	-2.6	-7.1	-1.2	0.0	8.3	50	30	30	30	30	30
PCB-91	2.7	-2.6	-7.1	-1.2	0.0	8.3	50	30	30	30	30	30
PCB-61	5.3	-3.0	-1.6	0.8	4.0	-5.6	50	30	30	30	30	30
PCB-61/70/74/76	5.3	-3.0	-1.6	0.8	4.0	-5.6	50	30	30	30	30	30
PCB-70	5.3	-3.0	-1.6	0.8	4.0	-5.6	50	30	30	30	30	30
PCB-74	5.3	-3.0	-1.6	0.8	4.0	-5.6	50	30	30	30	30	30
PCB-76	5.3	-3.0	-1.6	0.8	4.0	-5.6	50	30	30	30	30	30
PCB-84	-5.4	0.1	-2.5	2.1	2.1	3.5	50	30	30	30	30	30
PCB-66	-1.9	-5.1	-2.0	-1.3	-1.7	12.0	50	30	30	30	30	30
PCB-55	6.0	-3.2	-3.7	-3.1	-4.8	8.8	50	30	30	30	30	30
PCB-89	8.5	-1.7	-7.6	0.9	-1.8	1.5	50	30	30	30	30	30
PCB-56	8.0	-6.5	-3.7	-2.5	-4.6	9.3	50	30	30	30	30	30
PCB-121	-3.6	-1.4	-5.7	0.5	0.7	9.5	50	30	30	30	30	30
PCB-60	11.2	2.7	-5.3	-4.7	-7.7	3.8	50	30	30	30	30	30
PCB-92	-13.2	2.2	-6.3	2.7	0.6	3.4	50	30	30	30	30	30
PCB-80	6.2	1.7	-2.4	-4.9	-6.7	6.1	50	30	30	30	30	30
PCB-155	1.6	-2.6	-1.3	-0.7	-0.8	3.8	50	30	30	30	30	30
PCB-152	-5.8	-7.8	-4.2	0.5	3.1	14.1	50	30	30	30	30	30
PCB-101	-1.2	-2.5	-6.2	-2.5	0.0	12.5	50	30	30	30	30	30
PCB-113	-1.2	-2.5	-6.2	-2.5	0.0	12.5	50	30	30	30	30	30
PCB-90	-1.2	-2.5	-6.2	-2.5	0.0	12.5	50	30	30	30	30	30
PCB-90/101/113	-1.2	-2.5	-6.2	-2.5	0.0	12.5	50	30	30	30	30	30
PCB-150	-3.3	-1.5	-3.1	-0.1	1.0	7.0	50	30	30	30	30	30
PCB-136	8.9	-15.8	-5.9	-2.4	-0.8	6.5	50	30	30	30	30	30
PCB-83	-0.7	-0.7	-4.7	-1.3	-0.4	7.8	50	30	30	30	30	30
PCB-83/99	-0.7	-0.7	-4.7	-1.3	-0.4	7.8	50	30	30	30	30	30
PCB-99	-0.7	-0.7	-4.7	-1.3	-0.4	7.8	50	30	30	30	30	30

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
PCB-112	-10.8	-1.2	-6.8	2.8	0.0	6.7	50	30	30	30	30	30
PCB-145	1.4	-6.7	-3.0	0.8	0.6	7.0	50	30	30	30	30	30
PCB-109	-3.1	-4.8	-5.2	-0.4	4.8	8.7	50	30	30	30	30	30
PCB-119	-3.1	-4.8	-5.2	-0.4	4.8	8.7	50	30	30	30	30	30
PCB-125	-3.1	-4.8	-5.2	-0.4	4.8	8.7	50	30	30	30	30	30
PCB-86	-3.1	-4.8	-5.2	-0.4	4.8	8.7	50	30	30	30	30	30
PCB-86/87/97/109/119/125	-3.1	-4.8	-5.2	-0.4	4.8	8.7	50	30	30	30	30	30
PCB-87	-3.1	-4.8	-5.2	-0.4	4.8	8.7	50	30	30	30	30	30
PCB-97	-3.1	-4.8	-5.2	-0.4	4.8	8.7	50	30	30	30	30	30
PCB-79	-3.7	0.1	-6.3	-2.0	-1.1	13.0	50	30	30	30	30	30
PCB-78	7.6	-2.6	0.8	-4.7	-6.8	5.5	50	30	30	30	30	30
PCB-116	-0.5	-4.5	-6.3	-0.9	0.2	12.0	50	30	30	30	30	30
PCB-117	-0.5	-4.5	-6.3	-0.9	0.2	12.0	50	30	30	30	30	30
PCB-85	-0.5	-4.5	-6.3	-0.9	0.2	12.0	50	30	30	30	30	30
PCB-85/116/117	-0.5	-4.5	-6.3	-0.9	0.2	12.0	50	30	30	30	30	30
PCB-110	-0.5	-3.5	-6.0	-1.6	-0.1	11.7	50	30	30	30	30	30
PCB-110/115	-0.5	-3.5	-6.0	-1.6	-0.1	11.7	50	30	30	30	30	30
PCB-115	-0.5	-3.5	-6.0	-1.6	-0.1	11.7	50	30	30	30	30	30
PCB-81	3.6	5.0	-8.6	-2.4	-2.9	5.4	50	30	30	30	30	30
PCB-148	2.0	-6.9	-1.3	-0.1	0.8	5.5	50	30	30	30	30	30
PCB-82	-5.4	4.1	-3.9	1.6	-0.1	3.7	50	30	30	30	30	30
PCB-111	2.3	-2.5	-4.4	-0.9	-0.4	6.0	50	30	30	30	30	30
PCB-77	-2.0	0.8	-3.3	-1.8	-4.1	10.4	50	30	30	30	30	30
PCB-135	3.1	-3.1	-3.7	-0.9	-0.9	5.5	50	30	30	30	30	30
PCB-135/151	3.1	-3.1	-3.7	-0.9	-0.9	5.5	50	30	30	30	30	30
PCB-151	3.1	-3.1	-3.7	-0.9	-0.9	5.5	50	30	30	30	30	30
PCB-120	2.6	-4.3	-5.6	-1.3	-0.6	9.2	50	30	30	30	30	30
PCB-154	4.4	-4.7	-4.7	-0.9	-0.2	6.0	50	30	30	30	30	30
PCB-144	-0.5	-8.9	-3.8	0.5	-0.7	2.0	50	30	30	30	30	30
PCB-147	-3.1	-3.6	-7.4	-4.3	2.8	15.6	50	30	30	30	30	30
PCB-147/149	-3.1	-3.6	-7.4	-4.3	2.8	15.6	50	30	30	30	30	30
PCB-149	-3.1	-3.6	-7.4	-4.3	2.8	15.6	50	30	30	30	30	30
PCB-134	4.1	-1.5	-4.8	-0.5	-0.8	3.5	50	30	30	30	30	30
PCB-134/143	4.1	-1.5	-4.8	-0.5	-0.8	3.5	50	30	30	30	30	30
PCB-143	4.1	-1.5	-4.8	-0.5	-0.8	3.5	50	30	30	30	30	30
PCB-108	1.0	-7.0	-1.6	0.5	4.2	-5.5	50	30	30	30	30	30
PCB-108/124	1.0	-7.0	-1.6	0.5	4.2	-5.5	50	30	30	30	30	30
PCB-124	1.0	-7.0	-1.6	0.5	4.2	-5.5	50	30	30	30	30	30
PCB-139	2.6	-7.2	-6.7	-2.0	0.5	12.8	50	30	30	30	30	30
PCB-139/140	2.6	-7.2	-6.7	-2.0	0.5	12.8	50	30	30	30	30	30
PCB-140	2.6	-7.2	-6.7	-2.0	0.5	12.8	50	30	30	30	30	30
PCB-107	-4.9	-8.4	-5.6	1.1	4.7	13.1	50	30	30	30	30	30
PCB-131	-3.2	-2.1	-6.4	-1.8	-1.5	5.2	50	30	30	30	30	30

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1 | Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D | GC Column: SPB-Octyl | ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 | Calibration End Date: 10/08/2021 16:58 | Calibration ID: 3284

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
PCB-123	12.0	-3.7	-7.6	-3.7	-2.9	5.9	50	30	30	30	30	30
PCB-106	-21.8	-3.6	-2.8	2.6	2.6	15.3	50	30	30	30	30	30
PCB-142	-4.0	-6.6	-2.0	0.2	2.3	10.2	50	30	30	30	30	30
PCB-118	-7.0	-0.8	-3.9	0.3	0.9	10.5	50	30	30	30	30	30
PCB-132	-11.7	-2.8	-0.5	1.2	0.2	4.7	50	30	30	30	30	30
PCB-122	4.1	-3.3	-5.4	-0.9	-0.6	6.2	50	30	30	30	30	30
PCB-188	-5.3	-6.5	-1.2	1.8	2.6	8.6	50	30	30	30	30	30
PCB-114	3.0	-4.2	-3.9	-0.8	-1.9	7.8	50	30	30	30	30	30
PCB-133	-9.6	-4.9	-3.1	0.4	0.0	6.4	50	30	30	30	30	30
PCB-179	2.2	0.0	-5.8	-2.0	-0.1	5.7	50	30	30	30	30	30
PCB-165	7.1	-3.6	-5.7	-0.1	-2.0	4.2	50	30	30	30	30	30
PCB-105	-4.4	-2.4	-2.3	-1.0	-1.4	11.5	50	30	30	30	30	30
PCB-146	2.0	-6.2	-3.8	0.2	-1.2	8.9	50	30	30	30	30	30
PCB-184	-0.8	-4.4	-4.3	-0.9	1.3	9.2	50	30	30	30	30	30
PCB-161	0.4	-8.0	-5.4	-0.7	2.1	11.6	50	30	30	30	30	30
PCB-176	3.1	-2.6	-4.2	0.5	-0.6	3.8	50	30	30	30	30	30
PCB-153	-4.5	-3.2	-4.6	-1.5	1.2	12.7	50	30	30	30	30	30
PCB-153/168	-4.5	-3.2	-4.6	-1.5	1.2	12.7	50	30	30	30	30	30
PCB-168	-4.5	-3.2	-4.6	-1.5	1.2	12.7	50	30	30	30	30	30
PCB-141	-6.0	-4.3	1.6	1.4	2.3	5.0	50	30	30	30	30	30
PCB-186	3.6	-7.5	-4.9	0.8	1.2	6.8	50	30	30	30	30	30
PCB-130	1.1	2.0	-1.9	-0.1	-2.0	0.9	50	30	30	30	30	30
PCB-127	-3.6	-5.9	-2.4	0.4	-0.5	12.0	50	30	30	30	30	30
PCB-137	4.1	-16.6	-5.3	0.3	0.7	9.0	50	30	30	30	30	30
PCB-164	1.3	-2.0	-1.8	-1.6	-1.9	6.1	50	30	30	30	30	30
PCB-129	-0.8	-5.1	-4.4	-1.5	0.6	11.1	50	30	30	30	30	30
PCB-129/138/160/163	-0.8	-5.1	-4.4	-1.5	0.6	11.1	50	30	30	30	30	30
PCB-138	-0.8	-5.1	-4.4	-1.5	0.6	11.1	50	30	30	30	30	30
PCB-160	-0.8	-5.1	-4.4	-1.5	0.6	11.1	50	30	30	30	30	30
PCB-163	-0.8	-5.1	-4.4	-1.5	0.6	11.1	50	30	30	30	30	30
PCB-158	5.7	-4.9	-3.8	-1.3	-0.8	5.2	50	30	30	30	30	30
PCB-178	2.5	-10.1	-2.1	0.4	2.8	6.6	50	30	30	30	30	30
PCB-175	2.7	-1.0	-2.7	0.0	-1.0	2.1	50	30	30	30	30	30
PCB-126	-5.1	1.5	-4.0	-0.4	0.0	7.9	50	30	30	30	30	30
PCB-128	-2.5	-5.4	-3.2	-0.9	0.2	11.7	50	30	30	30	30	30
PCB-128/166	-2.5	-5.4	-3.2	-0.9	0.2	11.7	50	30	30	30	30	30
PCB-166	-2.5	-5.4	-3.2	-0.9	0.2	11.7	50	30	30	30	30	30
PCB-187	6.1	-3.4	-3.6	-2.3	-1.8	5.1	50	30	30	30	30	30
PCB-182	5.7	-6.2	-3.7	0.1	-0.5	4.6	50	30	30	30	30	30
PCB-183	-2.1	2.1	-6.6	-2.2	-2.8	1.8	50	30	30	30	30	30
PCB-183/185	-2.1	2.1	-6.6	-2.2	-2.8	1.8	50	30	30	30	30	30
PCB-185	-2.1	2.1	-6.6	-2.2	-2.8	1.8	50	30	30	30	30	30
PCB-174	-10.8	-0.8	-1.6	-1.1	0.4	4.7	50	30	30	30	30	30

FORM VI
HI-RES PCBS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Knoxville Job No.: 140-34509-1 Analy Batch No.: 54640

SDG No.:

Instrument ID: D2D GC Column: SPB-Octyl ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/08/2021 11:14 Calibration End Date: 10/08/2021 16:58 Calibration ID: 3284

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
PCB-159	4.7	-6.1	-4.9	-2.5	-0.3	9.2	50	30	30	30	30	30
PCB-162	0.6	-5.3	-1.6	-2.5	-2.0	10.8	50	30	30	30	30	30
PCB-177	-12.3	-3.0	-0.9	1.0	1.6	4.2	50	30	30	30	30	30
PCB-202	-4.0	1.7	-1.5	1.1	-0.4	3.1	50	30	30	30	30	30
PCB-167	1.1	-0.9	-4.9	-1.2	-1.5	7.5	50	30	30	30	30	30
PCB-181	-2.7	2.4	-2.8	-1.1	-1.2	5.3	50	30	30	30	30	30
PCB-171	1.8	-5.8	-5.3	-0.8	0.8	9.3	50	30	30	30	30	30
PCB-171/173	1.8	-5.8	-5.3	-0.8	0.8	9.3	50	30	30	30	30	30
PCB-173	1.8	-5.8	-5.3	-0.8	0.8	9.3	50	30	30	30	30	30
PCB-201	4.1	-0.4	-3.9	1.7	-2.1	0.6	50	30	30	30	30	30
PCB-156	0.9	-2.3	-4.2	-1.7	-1.4	8.8	50	30	30	30	30	30
PCB-156/157	0.9	-2.3	-4.2	-1.7	-1.4	8.8	50	30	30	30	30	30
PCB-157	0.9	-2.3	-4.2	-1.7	-1.4	8.8	50	30	30	30	30	30
PCB-204	2.9	-0.6	-5.1	1.8	-1.9	3.0	50	30	30	30	30	30
PCB-197	2.9	-4.5	-2.7	1.5	-1.2	4.0	50	30	30	30	30	30
PCB-200	-6.5	-5.4	-1.9	6.3	3.5	4.0	50	30	30	30	30	30
PCB-172	2.4	-0.2	-4.8	1.1	-0.4	1.9	50	30	30	30	30	30
PCB-192	3.3	-3.9	-4.5	0.3	-0.3	5.3	50	30	30	30	30	30
PCB-180	-1.0	-4.9	-3.2	0.7	0.5	7.8	50	30	30	30	30	30
PCB-180/193	-1.0	-4.9	-3.2	0.7	0.5	7.8	50	30	30	30	30	30
PCB-193	-1.0	-4.9	-3.2	0.7	0.5	7.8	50	30	30	30	30	30
PCB-191	5.4	-8.4	-3.2	2.4	-0.3	4.1	50	30	30	30	30	30
PCB-170	4.8	-2.6	-3.9	0.2	-0.8	2.2	50	30	30	30	30	30
PCB-190	-2.4	-0.1	-3.4	2.4	1.0	2.5	50	30	30	30	30	30
PCB-169	-2.7	-1.3	-3.3	-0.8	0.4	7.7	50	30	30	30	30	30
PCB-198	5.2	-1.1	-7.8	0.0	-1.2	4.9	50	30	30	30	30	30
PCB-198/199	5.2	-1.1	-7.8	0.0	-1.2	4.9	50	30	30	30	30	30
PCB-199	5.2	-1.1	-7.8	0.0	-1.2	4.9	50	30	30	30	30	30
PCB-196	-0.9	-3.4	-4.0	3.2	-1.8	-1.6	50	30	30	30	30	30
PCB-203	-2.1	-2.7	-2.5	4.1	0.1	3.2	50	30	30	30	30	30
PCB-208	9.0	-0.3	-6.3	-3.4	-2.8	3.8	50	30	30	30	30	30
PCB-195	-1.5	-2.9	-2.3	-0.2	0.8	6.1	50	30	30	30	30	30
PCB-189	1.6	-3.8	-3.2	-0.5	-1.2	7.1	50	30	30	30	30	30
PCB-207	-1.4	3.2	-6.4	-0.2	-1.0	5.9	50	30	30	30	30	30
PCB-194	-1.7	-3.4	-3.4	0.8	1.2	6.6	50	30	30	30	30	30
PCB-205	1.1	-1.1	-2.4	-2.0	-1.4	5.9	50	30	30	30	30	30
PCB-206	-1.6	3.4	-2.3	-0.5	-1.9	3.0	50	30	30	30	30	30
PCB-209	12.4	-0.5	-4.9	-3.3	-4.1	0.3	50	30	30	30	30	30

Resolution Check Report (DFS SN: 3190)

eurofins Environment Testing Tasmania

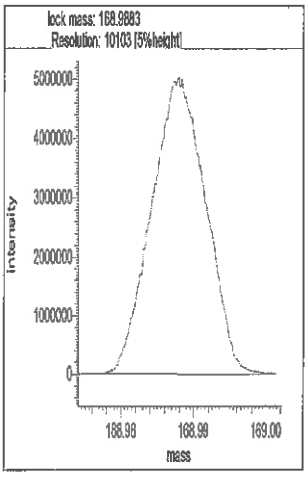
Date:	08 Oct 2021 10:16
MID Experiment:	ResCheck_pcb
Target Resolution:	10000
Resolution Warning :	10000
Resolution Error :	8000
Reference:	FC43KnxPCB.lua
Status:	RESOLUTION WARNING

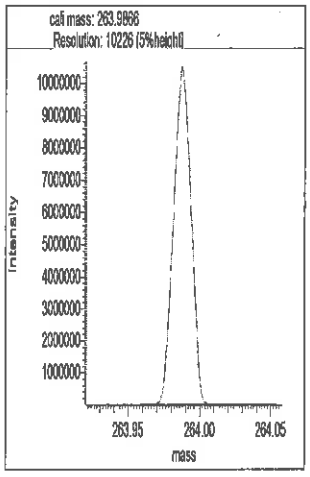
Segment 1

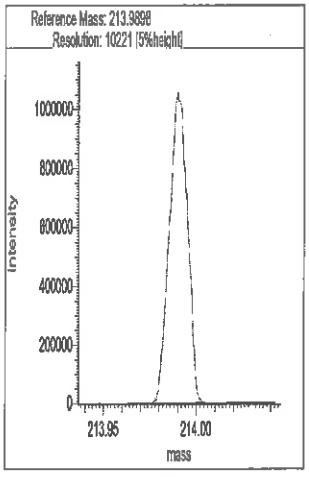
Lock mass 168.9883 [m/z] Resolution: 10103 [5%height]

Cali. mass 263.9866 [m/z] Resolution: 10226 [5%height]

Ref. mass 213.9898 [m/z] Resolution: 10221 [5%height]







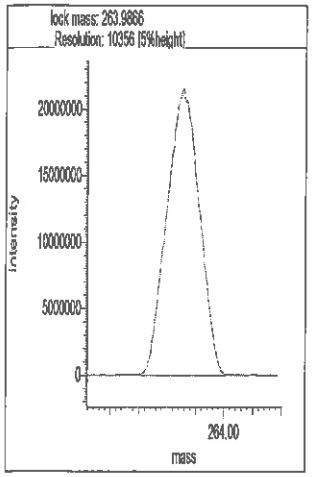
Segment 2

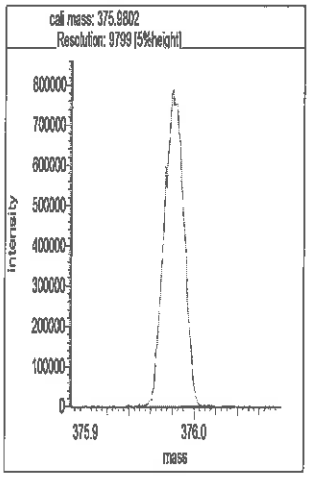
Lock mass 263.9866 [m/z] Resolution: 10356 [5%height]

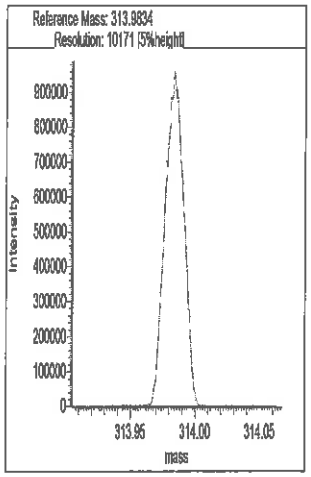
Cali. mass 375.9802 [m/z] Resolution: 9799 [5%height]

Ref. mass 313.9834 [m/z] Resolution: 10171 [5%height]

_ 2110081C





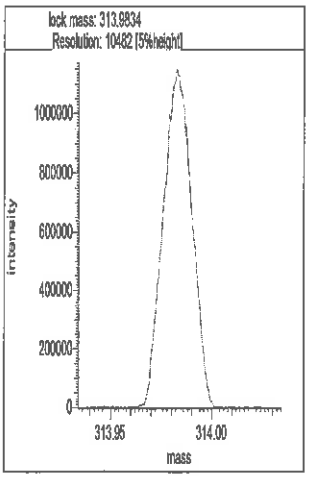


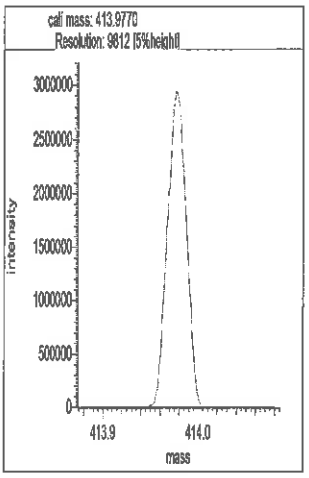
Segment 3

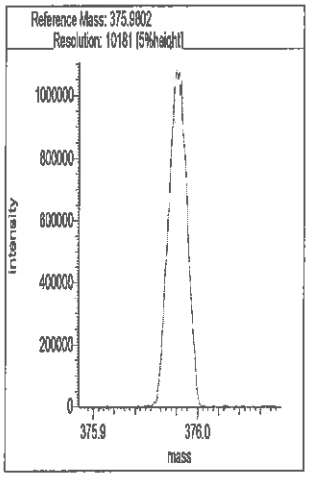
Lock mass 313.9834 [m/z] Resolution: 10482 [5%height]

Cali. mass 413.9770 [m/z] Resolution: 9812 [5%height]

Ref. mass 375.9802 [m/z] Resolution: 10181 [5%height]





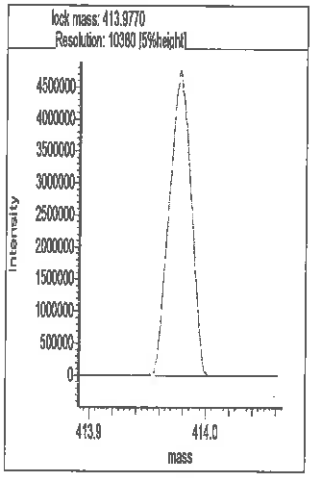


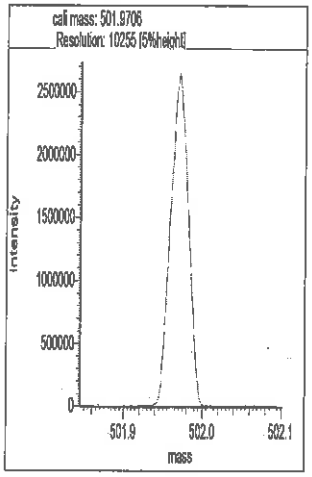
Segment 4

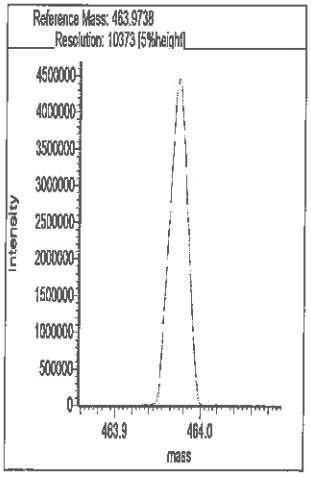
Lock mass 413.9770 [m/z] Resolution: 10380 [5%height]

Cali. mass 501.9706 [m/z] Resolution: 10255 [5%height]

Ref. mass 463.9738 [m/z] Resolution: 10373 [5%height]


lock mass: 413.9770
Resolution: 10380 [5%height]
Intensity
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
413.9
414.0
mass


cali mass: 501.9706
Resolution: 10255 [5%height]
Intensity
2500000
2000000
1500000
1000000
500000
0
501.9
502.0
502.1
mass


Reference Mass: 463.9738
Resolution: 10373 [5%height]
Intensity
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
463.9
464.0
mass

```
Reports
10:25:53:  Peak matching procedure started
10:25:54:
10:25:54:  Reference mass: 168.98827
10:25:55:  Sample mass: 214.0
10:25:55:
10:25:56:  Finding reference mass
10:25:57:  Finding sample mass
10:25:57:
10:26:03:  [1]    213.9901 amu, mean: 213.9901
10:26:06:  [2]    213.9907 amu, mean: 213.9904      SD: 0.36 mmu or: 1.69 ppm
10:26:09:  [3]    213.9903 amu, mean: 213.9904      SD: 0.26 mmu or: 1.22 ppm
10:26:12:  [4]    213.9904 amu, mean: 213.9904      SD: 0.21 mmu or: 0.99 ppm
10:26:13:
10:26:13:  Stop requested. Please wait for procedure to finish.
10:26:13:
10:26:15:
10:26:16:  Peakmatching stopped
```

Signature 10/8/21

Reports

```
10:27:31:  Peak matching procedure started
10:27:31:
10:27:32:  Reference mass: 213.98975
10:27:32:  Sample mass: 264.0
10:27:33:
10:27:33:  Finding reference mass
10:27:34:  Finding sample mass
10:27:35:
10:27:40:  [1]    263.9872 amu, mean: 263.9872
10:27:43:  [2]    263.9872 amu, mean: 263.9872     SD: 0.01 mmu or: 0.05 ppm
10:27:47:  [3]    263.9875 amu, mean: 263.9873     SD: 0.18 mmu or: 0.69 ppm
10:27:50:  [4]    263.9870 amu, mean: 263.9872     SD: 0.24 mmu or: 0.90 ppm
10:27:50:
10:27:50:  Stop requested. Please wait for procedure to finish.
10:27:50:
10:27:53:
10:27:53:  Peakmatching stopped
```

Signature 11/8/21

```
Reports
10:28:22:  Peak matching procedure started
10:28:22:
10:28:22:  Reference mass: 263.98656
10:28:23:  Sample mass: 314.0
10:28:24:
10:28:24:  Finding reference mass
10:28:25:  Finding sample mass
10:28:26:
10:28:31:  [1]    313.9843 amu, mean: 313.9843
10:28:34:  [2]    313.9843 amu, mean: 313.9843      SD: 0.05 mmu or: 0.16 ppm
10:28:37:  [3]    313.9843 amu, mean: 313.9843      SD: 0.04 mmu or: 0.12 ppm
10:28:40:  [4]    313.9841 amu, mean: 313.9842      SD: 0.12 mmu or: 0.39 ppm
10:28:41:
10:28:41:  Stop requested. Please wait for procedure to finish.
10:28:41:
10:28:44:
10:28:44:  Peakmatching stopped
```

Signature 10/8/21

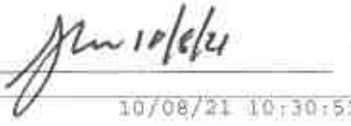
Reports
10:29:20: Peak matching procedure started
10:29:20:
10:29:21: Reference mass: 313.98336
10:29:21: Sample mass: 376.0
10:29:22:
10:29:22: Finding reference mass
10:29:23: Finding sample mass
10:29:24:
10:29:30: [1] 375.9808 amu, mean: 375.9808
10:29:33: [2] 375.9810 amu, mean: 375.9809 SD: 0.16 mmu or: 0.43 ppm
10:29:36: [3] 375.9806 amu, mean: 375.9808 SD: 0.19 mmu or: 0.50 ppm
10:29:39: [4] 375.9807 amu, mean: 375.9808 SD: 0.16 mmu or: 0.42 ppm
10:29:39:
10:29:39: Stop requested. Please wait for procedure to finish.
10:29:39:
10:29:42:
10:29:42: Peakmatching stopped

Signature 10/8/21

```
Reports
10:29:20:  Peak matching procedure started
10:29:20:
10:29:21:  Reference mass: 313.98336
10:29:21:  Sample mass: 376.0
10:29:22:
10:29:22:  Finding reference mass
10:29:23:  Finding sample mass
10:29:24:
10:29:30:  [1]    375.9808 amu, mean: 375.9808
10:29:33:  [2]    375.9810 amu, mean: 375.9809     SD: 0.16 mmu or: 0.43 ppm
10:29:36:  [3]    375.9806 amu, mean: 375.9808     SD: 0.19 mmu or: 0.50 ppm
10:29:39:  [4]    375.9807 amu, mean: 375.9808     SD: 0.16 mmu or: 0.42 ppm
10:29:39:
10:29:39:  Stop requested. Please wait for procedure to finish.
10:29:39:
10:29:42:
10:29:42:  Peakmatching stopped
```

Signature 10/8/21

```
Reports
10:30:22:  Peak matching procedure started
10:30:22:
10:30:23:  Reference mass: 375.98017
10:30:23:  Sample mass: 414.0
10:30:24:
10:30:24:  Finding reference mass
10:30:25:  Finding sample mass
10:30:26:
10:30:32:  [1]    413.9783 amu, mean: 413.9783
10:30:34:  [2]    413.9782 amu, mean: 413.9782     SD: 0.07 mmu or: 0.16 ppm
10:30:38:  [3]    413.9783 amu, mean: 413.9783     SD: 0.06 mmu or: 0.14 ppm
10:30:41:  [4]    413.9779 amu, mean: 413.9782     SD: 0.19 mmu or: 0.46 ppm
10:30:42:
10:30:42:  Stop requested. Please wait for procedure to finish.
10:30:42:
10:30:44:
10:30:45:  Peakmatching stopped
```

Signature 

Reports
10:33:08: Peak matching procedure started
10:33:08:
10:33:09: Reference mass: 413.97698
10:33:09: Sample mass: 464.0
10:33:10:
10:33:11: Finding reference mass
10:33:11: Finding sample mass
10:33:12:
10:33:17: [1] 463.9755 amu, mean: 463.9755
10:33:20: [2] 463.9749 amu, mean: 463.9752 SD: 0.46 mmu or: 0.99 ppm
10:33:24: [3] 463.9749 amu, mean: 463.9751 SD: 0.38 mmu or: 0.81 ppm
10:33:27: [4] 463.9750 amu, mean: 463.9751 SD: 0.31 mmu or: 0.67 ppm
10:33:27:
10:33:27: Stop requested. Please wait for procedure to finish.
10:33:27:
10:33:30:
10:33:31: Peakmatching stopped

Signature 10/8/21

```
Reports
10:34:36:  Peak matching procedure started
10:34:36:
10:34:37:  Reference mass: 463.97378
10:34:37:  Sample mass: 502.0
10:34:38:
10:34:38:  Finding reference mass
10:34:39:  Finding sample mass
10:34:40:
10:34:46:  [1]    501.9712 amu, mean: 501.9712
10:34:49:  [2]    501.9715 amu, mean: 501.9714     SD: 0.21 mmu or: 0.41 ppm
10:34:52:  [3]    501.9720 amu, mean: 501.9716     SD: 0.38 mmu or: 0.76 ppm
10:34:55:  [4]    501.9710 amu, mean: 501.9714     SD: 0.42 mmu or: 0.84 ppm
10:34:56:
10:34:56:  Stop requested. Please wait for procedure to finish.
10:34:56:
10:34:58:
10:34:59:  Peakmatching stopped
```

Signature 10/8/21

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Lims ID: IC L1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Oct-2021 11:14:00 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-001
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:10:36 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 12:23:32

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					1.569	1.569	0.0116	0.0116		
D PCB-1L	11:48	26659039	3.17	1.3572	96.8	96.8	0.1602	0.1602	96.79	
D PCB-3L	13:59	27681579	3.24	1.4136	96.5	96.5	0.1538	0.1538	96.49	
PCB-1	11:49	170984	3.38	1.2253	0.5235	0.5235	0.0108	0.0108	105	
PCB-2	13:48	184950	3.49	1.2638	0.5386	0.5386	0.0113	0.0113	108	
PCB-3	13:59	173288	3.17	1.2343	0.5072	0.5072	0.0126	0.0126	101	
S Total Dichlorobiphenyls					6.039	5.987	0.009254	0.009254		RQ
D PCB-4L	14:14	12405884	1.60	0.6168	99.1	99.1	0.1237	0.1237	99.10	
* PCB-9L	16:10	20294285	1.63	2E+05	100.0	100.0				
D PCB-15L	20:07	22204389	1.63	1.1198	97.7	97.7	0.0681	0.0681	97.71	
PCB-4	14:14	81656	1.65	1.2801	0.5142	0.5142	0.0108	0.0108	103	
PCB-10	14:25	99044	1.69	1.1542	0.4959	0.4959	0.0104	0.0104	99.17	
PCB-9	16:12	117267	1.44	1.3642	0.4967	0.4967	0.008815	0.008815	99.35	
PCB-7	16:22	110336	1.77	1.2485	0.5107	0.5107	0.009632	0.009632	102	
PCB-6	16:37	134584	1.59	1.4961	0.5198	0.5198	0.008038	0.008038	104	
PCB-5	16:55	95331	1.56	1.2206	0.5036	0.4513	0.009852	0.009852	101	RQM
PCB-8	17:03	135223	1.52	1.5207	0.5138	0.5138	0.007908	0.007908	103	M
PCB-14	18:39	112960	1.44	1.2864	0.5074	0.5074	0.009348	0.009348	101	
PCB-11	19:31	128732	1.52	1.4418	0.5159	0.5159	0.008341	0.008341	103	
PCB-12	19:49	217782	1.66	1.2960	0.9711	0.9711	0.009279	0.009279	97.11	
PCB-13 (C12)	19:49	217782	1.66	1.2960	0.9711	0.9711	0.009279	0.009279	97.11	
PCB-15	20:08	123870	1.71	1.1378	0.4903	0.4903	0.009345	0.009345	98.06	
S Total Trichlorobiphenyls					11.9	11.9	0.0259	0.0259		
D PCB-19L	17:21	8681375	1.09	0.6075	98.8	98.8	0.3847	0.3847	98.80	
* PCB-32L	20:35	14463514	1.08	1.4E+05	100.0	100.0				
* PCB-31L	22:51	30888291	1.06	3.1E+05	100.0	100.0				
D PCB-37L	27:11	27525555	1.07	0.8960	99.5	99.5	0.1202	0.1202	99.46	
PCB-19	17:21	59466	0.98	1.2904	0.5308	0.5308	0.0175	0.0175	106	
PCB-18	19:09	160903	1.03	1.8076	1.025	1.025	0.0125	0.0125	103	M
PCB-30 (C18)	19:09	160903	1.03	1.8076	1.025	1.025	0.0125	0.0125	103	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-17	19:37	56232	1.12	1.2151	0.5331	0.5331	0.0186	0.0186	107	
PCB-27	19:51	68222	0.91	1.7146	0.4583	0.4583	0.0132	0.0132	91.66	
PCB-24	19:58	75757	1.06	1.7741	0.4919	0.4919	0.0127	0.0127	98.37	
PCB-16	20:06	52133	1.08	1.2003	0.5003	0.5003	0.0188	0.0188	100	M
PCB-32	20:37	90129	1.00	1.9703	0.5269	0.5269	0.0115	0.0115	105	M
PCB-34	21:51	138807	1.06	1.0089	0.4998	0.4998	0.0359	0.0359	99.97	
PCB-23	22:00	136236	1.02	1.0329	0.4792	0.4792	0.0351	0.0351	95.84	
PCB-26	22:19	278133	1.06	1.0037	1.007	1.007	0.0361	0.0361	101	
PCB-29 (C26)	22:19	278133	1.06	1.0037	1.007	1.007	0.0361	0.0361	101	
PCB-25	22:33	169062	1.09	1.2995	0.4726	0.4726	0.0279	0.0279	94.53	
PCB-31	22:52	173316	1.05	1.2369	0.5091	0.5091	0.0293	0.0293	102	
PCB-20	23:10	312410	1.04	1.1096	1.023	1.023	0.0326	0.0326	102	M
PCB-28 (C20)	23:10	312410	1.04	1.1096	1.023	1.023	0.0326	0.0326	102	M
PCB-21	23:20	285348	1.01	1.1245	0.9219	0.9219	0.0322	0.0322	92.19	M
PCB-33 (C21)	23:20	285348	1.01	1.1245	0.9219	0.9219	0.0322	0.0322	92.19	M
PCB-22	23:49	158394	1.12	1.2027	0.4785	0.4785	0.0301	0.0301	95.69	
PCB-36	25:22	178584	1.20	1.2953	0.5009	0.5009	0.0280	0.0280	100	
PCB-39	25:43	157781	1.04	1.1621	0.4933	0.4933	0.0312	0.0312	98.65	
PCB-38	26:18	151887	1.14	1.1759	0.4693	0.4693	0.0308	0.0308	93.85	
PCB-35	26:48	158469	1.07	1.1311	0.5090	0.5090	0.0320	0.0320	102	
PCB-37	27:11	159594	1.08	1.1448	0.5065	0.5065	0.0316	0.0316	101	
S Total Tetrachlorobiphenyls					21.5	21.5	0.0279	0.0279		
D PCB-54L	20:26	10149583	0.81	0.6773	103.6	103.6	0.0235	0.0235	104	
* PCB-52L	24:58	16332859	0.80	1.6E+05	100.0	100.0				
D PCB-81L	33:55	21863922	0.80	1.3497	99.2	99.2	0.0719	0.0719	99.18	
D PCB-77L	34:30	22917725	0.80	1.4256	98.4	98.4	0.0680	0.0680	98.43	
PCB-54	20:27	60146	0.74	1.2064	0.4912	0.4912	0.007377	0.007377	98.24	
PCB-50	22:37	169171	0.71	0.7674	0.9845	0.9845	0.0365	0.0365	98.45	
PCB-53 (C50)	22:37	169171	0.71	0.7674	0.9845	0.9845	0.0365	0.0365	98.45	
PCB-45	23:20	158285	0.73	0.7052	1.002	1.002	0.0397	0.0397	100	M
PCB-51 (C45)	23:20	158285	0.73	0.7052	1.002	1.002	0.0397	0.0397	100	M
PCB-46	23:37	65372	0.78	0.5909	0.4941	0.4941	0.0474	0.0474	98.82	
PCB-52	25:00	99323	0.82	0.8488	0.5226	0.5226	0.0330	0.0330	105	
PCB-43	25:08	194195	0.72	0.8936	0.9706	0.9706	0.0313	0.0313	97.06	M
PCB-73 (C43)	25:08	194195	0.72	0.8936	0.9706	0.9706	0.0313	0.0313	97.06	M
PCB-49	25:25	197610	0.75	0.8934	0.9878	0.9878	0.0313	0.0313	98.78	M
PCB-69 (C49)	25:25	197610	0.75	0.8934	0.9878	0.9878	0.0313	0.0313	98.78	M
PCB-48	25:46	86691	0.79	0.7506	0.5158	0.5158	0.0373	0.0373	103	
PCB-44	26:01	298359	0.84	0.8388	1.589	1.589	0.0334	0.0334	106	
PCB-47 (C44)	26:01	298359	0.84	0.8388	1.589	1.589	0.0334	0.0334	106	
PCB-65 (C44)	26:01	298359	0.84	0.8388	1.589	1.589	0.0334	0.0334	106	
PCB-59	26:20	358050	0.74	1.0042	1.592	1.592	0.0279	0.0279	106	M
PCB-62 (C59)	26:20	358050	0.74	1.0042	1.592	1.592	0.0279	0.0279	106	M
PCB-75 (C59)	26:20	358050	0.74	1.0042	1.592	1.592	0.0279	0.0279	106	M
PCB-42	26:32	79604	0.86	0.6874	0.5172	0.5172	0.0407	0.0407	103	
PCB-40	27:02	264604	0.80	0.7618	1.551	1.551	0.0367	0.0367	103	M
PCB-41 (C40)	27:02	264604	0.80	0.7618	1.551	1.551	0.0367	0.0367	103	M
PCB-71 (C40)	27:02	264604	0.80	0.7618	1.551	1.551	0.0367	0.0367	103	M
PCB-64	27:14	112896	0.85	1.0318	0.4887	0.4887	0.0271	0.0271	97.74	
PCB-72	28:04	125790	0.74	1.1621	0.4834	0.4834	0.0241	0.0241	96.68	
PCB-68	28:21	124469	0.78	1.1249	0.4942	0.4942	0.0249	0.0249	98.83	
PCB-57	28:46	134060	0.71	1.1107	0.5391	0.5391	0.0252	0.0252	108	
PCB-58	29:01	144915	0.82	1.2848	0.5037	0.5037	0.0218	0.0218	101	
PCB-67	29:11	152899	0.82	1.3274	0.5144	0.5144	0.0211	0.0211	103	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-63	29:27	122524	0.73	1.0648	0.5139	0.5139	0.0263	0.0263	103	
PCB-61	29:48	544758	0.75	1.1549	2.107	2.107	0.0242	0.0242	105	M
PCB-70 (C61)	29:48	544758	0.75	1.1549	2.107	2.107	0.0242	0.0242	105	M
PCB-74 (C61)	29:48	544758	0.75	1.1549	2.107	2.107	0.0242	0.0242	105	M
PCB-76 (C61)	29:48	544758	0.75	1.1549	2.107	2.107	0.0242	0.0242	105	M
PCB-66	30:07	135375	0.81	1.2325	0.4905	0.4905	0.0227	0.0227	98.11	
PCB-55	30:17	150236	0.73	1.2655	0.5302	0.5302	0.0221	0.0221	106	
PCB-56	30:49	146993	0.75	1.2161	0.5398	0.5398	0.0230	0.0230	108	
PCB-60	31:01	131350	0.73	1.0554	0.5558	0.5558	0.0265	0.0265	111	
PCB-80	31:23	151886	0.74	1.2769	0.5312	0.5312	0.0219	0.0219	106	
PCB-79	32:57	155772	0.80	1.4452	0.4814	0.4814	0.0194	0.0194	96.27	
PCB-78	33:31	146002	0.73	1.2116	0.5382	0.5382	0.0231	0.0231	108	
PCB-81	33:56	114980	0.79	1.0148	0.5182	0.5182	0.0277	0.0277	104	
PCB-77	34:31	117902	0.88	1.0498	0.4901	0.4901	0.0265	0.0265	98.01	M
S Total Pentachlorobiphenyls					22.7	22.6	0.0189	0.0189		RQ
D PCB-104L	25:55	14547508	1.61	1.1880	101.8	101.8	0.0145	0.0145	102	
* PCB-101L	31:49	12022707	1.63	1.2E+05	100.0	100.0				
D PCB-123L	36:29	19219213	1.56	0.9399	98.7	98.7	0.4387	0.4387	98.66	
D PCB-118L	36:48	19552203	1.57	0.9794	96.3	96.3	0.4210	0.4210	96.33	
D PCB-114L	37:20	19967608	1.59	0.9767	98.6	98.6	0.4222	0.4222	98.64	
D PCB-105L	38:00	19615944	1.57	0.9600	98.6	98.6	0.4295	0.4295	98.59	
* PCB-127L	39:28	20725027	1.57	2.1E+05	100.0	100.0				
D PCB-126L	41:06	19503687	1.58	0.9554	98.5	98.5	0.4316	0.4316	98.50	
PCB-104	25:57	75207	1.53	1.0054	0.5142	0.5142	0.0136	0.0136	103	
PCB-96	26:21	82819	1.58	1.1511	0.4946	0.4946	0.0118	0.0118	98.91	
PCB-103	28:14	53414	1.55	0.8327	0.4945	0.4410	0.0164	0.0164	98.91	RQ
PCB-94	28:28	47230	1.39	0.6950	0.4672	0.4672	0.0196	0.0196	93.43	
PCB-95	28:56	59684	1.55	0.7922	0.5179	0.5179	0.0172	0.0172	104	
PCB-93	29:07	113038	1.63	0.7830	0.992	0.992	0.0174	0.0174	99.24	
PCB-100 (C93)	29:07	113038	1.63	0.7830	0.992	0.992	0.0174	0.0174	99.24	
PCB-98	29:17	130895	1.60	0.9182	0.9799	0.9799	0.0148	0.0148	97.99	M
PCB-102 (C98)	29:17	130895	1.60	0.9182	0.9799	0.9799	0.0148	0.0148	97.99	M
PCB-88	29:40	119817	1.50	0.8023	1.027	1.027	0.0170	0.0170	103	M
PCB-91 (C88)	29:40	119817	1.50	0.8023	1.027	1.027	0.0170	0.0170	103	M
PCB-84	30:02	47167	1.51	0.6855	0.4730	0.4730	0.0199	0.0199	94.60	
PCB-89	30:30	66950	1.60	0.8482	0.5426	0.5426	0.0161	0.0161	109	
PCB-121	30:52	90048	1.78	1.2839	0.4821	0.4821	0.0106	0.0106	96.43	
PCB-92	31:15	49255	1.55	0.7805	0.4875	0.4338	0.0175	0.0175	97.50	RQ
PCB-90	31:49	205698	1.52	0.9542	1.482	1.482	0.0143	0.0143	98.79	
PCB-101 (C90)	31:49	205698	1.52	0.9542	1.482	1.482	0.0143	0.0143	98.79	
PCB-113 (C90)	31:49	205698	1.52	0.9542	1.482	1.482	0.0143	0.0143	98.79	
PCB-83	32:26	127853	1.51	0.8851	0.993	0.993	0.0154	0.0154	99.29	M
PCB-99 (C83)	32:26	127853	1.51	0.8851	0.993	0.993	0.0154	0.0154	99.29	M
PCB-112	32:32	91858	1.55	1.4150	0.4920	0.4462	0.009630	0.009630	98.40	RQ
PCB-86	32:55	434913	1.68	1.0283	2.907	2.907	0.0133	0.0133	96.91	M
PCB-87 (C86)	32:55	434913	1.68	1.0283	2.907	2.907	0.0133	0.0133	96.91	M
PCB-97 (C86)	32:55	434913	1.68	1.0283	2.907	2.907	0.0133	0.0133	96.91	M
PCB-109 (C86)	32:55	434913	1.68	1.0283	2.907	2.907	0.0133	0.0133	96.91	M
PCB-119 (C86)	32:55	434913	1.68	1.0283	2.907	2.907	0.0133	0.0133	96.91	M
PCB-125 (C86)	32:55	434913	1.68	1.0283	2.907	2.907	0.0133	0.0133	96.91	M
PCB-85	33:37	222329	1.47	1.0238	1.493	1.493	0.0133	0.0133	99.52	M
PCB-116 (C85)	33:37	222329	1.47	1.0238	1.493	1.493	0.0133	0.0133	99.52	M
PCB-117 (C85)	33:37	222329	1.47	1.0238	1.493	1.493	0.0133	0.0133	99.52	M
PCB-110	33:52	196234	1.56	1.3556	0.995	0.995	0.0101	0.0101	99.51	
PCB-115 (C110)	33:52	196234	1.56	1.3556	0.995	0.995	0.0101	0.0101	99.51	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-82	34:11	58618	1.56	0.8520	0.4729	0.4729	0.0160	0.0160	94.59	
PCB-111	34:31	90882	1.57	1.2217	0.5114	0.5114	0.0112	0.0112	102	
PCB-120	34:58	113145	1.75	1.5157	0.5131	0.5131	0.008990	0.008990	103	M
PCB-108	36:08	215643	1.68	1.0910	1.010	1.010	0.0283	0.0283	101	
PCB-124 (C108)	36:08	215643	1.68	1.0910	1.010	1.010	0.0283	0.0283	101	
PCB-107	36:23	111711	1.54	1.2004	0.4755	0.4755	0.0257	0.0257	95.10	
PCB-123	36:30	112412	1.62	1.0447	0.5599	0.5599	0.0291	0.0291	112	M
PCB-106	36:37	89645	1.55	1.1708	0.4297	0.3912	0.0264	0.0264	85.94	RQM
PCB-118	36:49	93306	1.73	1.0261	0.4651	0.4651	0.0304	0.0304	93.02	Ma
PCB-122	37:12	94327	1.62	0.9264	0.5203	0.5203	0.0334	0.0334	104	
PCB-114	37:21	112322	1.50	1.0927	0.5148	0.5148	0.0276	0.0276	103	
PCB-105	38:01	100863	1.40	1.0755	0.4781	0.4781	0.0288	0.0288	95.62	
PCB-127	39:29	111667	1.37	1.1835	0.4821	0.4821	0.0261	0.0261	96.42	M
PCB-126	41:06	113709	1.48	1.2284	0.4746	0.4746	0.0259	0.0259	94.92	
S Total Hexachlorobiphenyls					21.1	21.0	0.0201	0.0201		RQ
D PCB-155L	31:33	14035544	1.29	1.1357	102.8	102.8	0.0191	0.0191	103	
* PCB-138L	39:56	14570279	1.27	1.5E+05	100.0	100.0				
D PCB-167L	42:56	18459767	1.26	1.2662	100.1	100.1	0.2452	0.2452	100	
D PCB-156L	44:06	36720092	1.28	1.2515	201.4	201.4	0.2480	0.2480	101	
D PCB-157L (C156L)	44:06	36720092	1.28	1.2515	201.4	201.4	0.2480	0.2480	101	
D PCB-169L	47:21	18964585	1.27	1.3070	99.6	99.6	0.2375	0.2375	99.58	
PCB-155	31:35	66228	1.34	0.9289	0.5080	0.5080	0.009041	0.009041	102	
PCB-152	31:49	74306	1.38	1.1242	0.4709	0.4709	0.007471	0.007471	94.19	
PCB-150	31:59	67624	1.14	0.9966	0.4834	0.4834	0.008427	0.008427	96.69	
PCB-136	32:23	73592	1.20	0.9632	0.5444	0.5444	0.008719	0.008719	109	
PCB-145	32:39	76647	1.31	1.0775	0.5068	0.5068	0.007794	0.007794	101	
PCB-148	34:08	52823	1.14	0.7376	0.5102	0.5102	0.0114	0.0114	102	
PCB-135	34:44	107324	1.27	0.7414	1.031	1.031	0.0113	0.0113	103	M
PCB-151 (C135)	34:44	107324	1.27	0.7414	1.031	1.031	0.0113	0.0113	103	M
PCB-154	34:58	60260	1.28	0.8223	0.5221	0.5221	0.0102	0.0102	104	M
PCB-144	35:19	51452	1.26	0.7371	0.4973	0.4973	0.0114	0.0114	99.46	M
PCB-147	35:40	155035	1.17	0.8634	0.9687	0.9687	0.0249	0.0249	96.87	
PCB-149 (C147)	35:40	155035	1.17	0.8634	0.9687	0.9687	0.0249	0.0249	96.87	
PCB-134	35:59	131395	1.21	0.6812	1.041	1.041	0.0316	0.0316	104	M
PCB-143 (C134)	35:59	131395	1.21	0.6812	1.041	1.041	0.0316	0.0316	104	M
PCB-139	36:16	159377	1.24	0.8381	1.026	1.026	0.0257	0.0257	103	
PCB-140 (C139)	36:16	159377	1.24	0.8381	1.026	1.026	0.0257	0.0257	103	
PCB-131	36:29	61523	1.24	0.6856	0.5332	0.4841	0.0314	0.0314	107	RQ
PCB-142	36:37	60162	1.26	0.6760	0.4801	0.4801	0.0318	0.0318	96.02	
PCB-132	36:59	57825	1.24	0.7063	0.4860	0.4417	0.0305	0.0305	97.20	RQ
PCB-133	37:25	65121	1.24	0.7770	0.5061	0.4521	0.0277	0.0277	101	RQ
PCB-165	37:49	95155	1.24	0.9584	0.5356	0.5356	0.0224	0.0224	107	
PCB-146	38:05	86645	1.16	0.9163	0.5101	0.5101	0.0235	0.0235	102	
PCB-161	38:12	106131	1.27	1.1406	0.5020	0.5020	0.0189	0.0189	100	
PCB-153	38:41	185312	1.21	1.0468	0.9550	0.9550	0.0205	0.0205	95.50	
PCB-168 (C153)	38:41	185312	1.21	1.0468	0.9550	0.9550	0.0205	0.0205	95.50	
PCB-141	38:54	66029	1.33	0.7580	0.4699	0.4699	0.0284	0.0284	93.99	
PCB-130	39:19	59586	1.11	0.6356	0.5057	0.5057	0.0338	0.0338	101	
PCB-137	39:31	72651	1.24	0.7533	0.5203	0.5203	0.0286	0.0286	104	
PCB-164	39:40	104933	1.31	1.1173	0.5067	0.5067	0.0193	0.0193	101	
PCB-129	39:58	324493	1.17	0.8826	1.983	1.983	0.0244	0.0244	99.17	M
PCB-138 (C129)	39:58	324493	1.17	0.8826	1.983	1.983	0.0244	0.0244	99.17	M
PCB-160 (C129)	39:58	324493	1.17	0.8826	1.983	1.983	0.0244	0.0244	99.17	M
PCB-163 (C129)	39:58	324493	1.17	0.8826	1.983	1.983	0.0244	0.0244	99.17	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-158	40:21	110960	1.30	1.1331	0.5283	0.5283	0.0190	0.0190	106	
PCB-128	41:10	172123	1.29	0.9522	0.9752	0.9752	0.0226	0.0226	97.52	
PCB-166 (C128)	41:10	172123	1.29	0.9522	0.9752	0.9752	0.0226	0.0226	97.52	
PCB-159	42:11	126838	1.13	1.3072	0.5235	0.5235	0.0165	0.0165	105	M
PCB-162	42:28	101929	1.05	1.0935	0.5029	0.5029	0.0197	0.0197	101	M
PCB-167	42:57	103534	1.22	1.1098	0.5054	0.5054	0.0156	0.0156	101	
PCB-156	44:07	198467	1.31	1.0713	1.009	1.009	0.0259	0.0259	101	M
PCB-157 (C156)	44:07	198467	1.31	1.0713	1.009	1.009	0.0259	0.0259	101	M
PCB-169	47:22	113053	1.25	1.2249	0.4867	0.4867	0.0145	0.0145	97.34	
S Total Heptachlorobiphenyls					12.2	12.0	0.008678	0.008678		RQ
D PCB-188L	37:18	15186956	1.04	1.2605	103.4	103.4	0.0195	0.0195	103	
* PCB-180L	45:28	11654372	1.06	1.2E+05	100.0	100.0				
D PCB-170L	46:45	10212397	1.06	0.8524	102.8	102.8	0.0288	0.0288	103	
D PCB-189L	49:52	21684648	1.05	1.4740	94.7	94.7	0.3699	0.3699	94.68	
PCB-188	37:19	75738	1.08	1.0534	0.4734	0.4734	0.007014	0.007014	94.68	
PCB-179	37:41	90915	1.10	1.4009	0.5110	0.5110	0.006438	0.006438	102	
PCB-184	38:11	81832	1.10	1.2996	0.4958	0.4958	0.006939	0.006939	99.16	
PCB-176	38:34	78479	1.03	1.1987	0.5155	0.5155	0.007524	0.007524	103	
PCB-186	39:02	96844	0.90	1.4715	0.5182	0.5182	0.006129	0.006129	104	
PCB-178	40:23	57339	1.15	0.8813	0.5123	0.5123	0.0102	0.0102	102	
PCB-175	41:00	58939	0.99	0.9040	0.5134	0.5134	0.0100	0.0100	103	
PCB-187	41:17	77628	0.99	1.1524	0.5304	0.5304	0.007826	0.007826	106	
PCB-182	41:29	74168	1.13	1.1052	0.5284	0.5284	0.008160	0.008160	106	
PCB-183	42:01	120804	1.05	0.9716	1.077	0.9791	0.009283	0.009283	108	RQM
PCB-185 (C183)	42:01	120804	1.05	0.9716	1.077	0.9791	0.009283	0.009283	108	RQM
PCB-174	42:10	56538	1.05	0.9981	0.4916	0.4460	0.009036	0.009036	98.32	RQ
PCB-177	42:36	53520	1.05	0.9612	0.4853	0.4384	0.009382	0.009382	97.07	RQ
PCB-181	42:58	65375	0.98	1.0577	0.4867	0.4867	0.008527	0.008527	97.34	
PCB-171	43:14	115921	1.10	0.8964	1.018	1.018	0.0101	0.0101	102	
PCB-173 (C171)	43:14	115921	1.10	0.8964	1.018	1.018	0.0101	0.0101	102	
PCB-172	44:51	60353	1.19	0.9283	0.5119	0.5119	0.009715	0.009715	102	
PCB-192	45:07	92650	1.03	1.4131	0.5163	0.5163	0.006382	0.006382	103	M
PCB-180	45:28	146875	1.04	1.1677	0.990	0.990	0.007723	0.007723	99.04	M
PCB-193 (C180)	45:28	146875	1.04	1.1677	0.990	0.990	0.007723	0.007723	99.04	M
PCB-191	45:51	84982	1.01	1.2698	0.5270	0.5270	0.007102	0.007102	105	
PCB-170	46:47	58457	1.01	1.0923	0.5241	0.5241	0.0106	0.0106	105	
PCB-190	47:17	80563	1.02	1.3003	0.4878	0.4878	0.006935	0.006935	97.57	
PCB-189	49:53	111787	1.05	1.0146	0.5081	0.5081	0.0173	0.0173	102	
S Total Octachlorobiphenyls					6.065	6.023	0.0115	0.0115		RQ
D PCB-202L	42:40	12566907	0.91	1.0390	103.8	103.8	0.0131	0.0131	104	
* PCB-194L	51:58	15538749	0.91	1.5E+05	100.0	100.0				
D PCB-205L	52:26	19329990	0.90	1.2166	102.3	102.3	0.5617	0.5617	102	
PCB-202	42:42	60770	0.95	1.0078	0.4798	0.4798	0.009467	0.009467	95.97	
PCB-201	43:38	62641	1.00	0.9580	0.5203	0.5203	0.0100	0.0100	104	
PCB-204	44:17	71860	0.93	1.1119	0.5143	0.5143	0.008580	0.008580	103	
PCB-197	44:32	67823	0.96	1.0487	0.5146	0.5146	0.009098	0.009098	103	
PCB-200	44:40	56799	1.00	0.9671	0.4673	0.4673	0.009865	0.009865	93.47	
PCB-198	47:26	116760	0.96	0.8830	1.052	1.052	0.0108	0.0108	105	M
PCB-199 (C198)	47:26	116760	0.96	0.8830	1.052	1.052	0.0108	0.0108	105	M
PCB-196	48:06	49090	0.89	0.7882	0.5373	0.4956	0.0121	0.0121	107	RQ
PCB-203	48:18	59682	1.01	0.9704	0.4894	0.4894	0.009832	0.009832	97.88	
PCB-195	49:39	78910	0.92	0.8289	0.4925	0.4925	0.0179	0.0179	98.49	a
PCB-194	51:59	87931	0.98	0.9255	0.4915	0.4915	0.0160	0.0160	98.30	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-205	52:27	110059	0.93	1.1267	0.5054	0.5054	0.0132	0.0132	101	
S Total Nonachlorobiphenyls					1.529	1.529	0.1567	0.1567		
D PCB-208L	49:21	16114392	0.81	1.0234	101.3	101.3	0.4712	0.4712	101	
D PCB-206L	54:10	11692858	0.82	0.7298	103.1	103.1	0.6607	0.6607	103	
PCB-208	49:24	91808	0.88	1.0457	0.5448	0.5448	0.1479	0.1479	109	nMa
PCB-207	50:19	84477	0.85	1.2328	0.4929	0.4929	0.1473	0.1473	98.57	nMa
PCB-206	54:11	72287	0.84	1.2570	0.4918	0.4918	0.1750	0.1750	98.36	nMa
D PCB-209L	55:46	12340025	0.71	0.7565	105.0	105.0	0.0431	0.0431	105	
DCB Decachlorobiphenyl	55:47	72256	0.74	1.0418	0.5620	0.5620	0.004654	0.004654	112	M
S Polychlorinated biphenyls, Total					103.8	0.5620	0.0315	0.0315		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- n - Failed Sig-To-Noise Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

61L0.51668P_00006 Amount Added: 20.00 Units: uL

Report Date: 08-Oct-2021 19:10:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Lims ID: IC L1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 08-Oct-2021 11:14:00 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-001
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:10:36 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 12:23:32

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:48	11:48	0	0.730	20272193	8232979	2620	6550	3142		
202.0766	11:48	11:48	0	0.730	6386846	2560878	2426	6065	1056	3.17(2.66-3.60)	
PCB-3L											
200.0795	13:59	13:58	1	0.864	21152563	6984327	2620	6550	2666		
202.0766	13:59	13:58	1	0.864	6529016	2138997	2426	6065	882	3.24(2.66-3.60)	
PCB-1											
188.0393	11:49	11:49	0	1.001	131949	50809	288	720	176		
190.0363	11:49	11:49	0	1.001	39035	15848	281	702	56	3.38(2.66-3.60)	
PCB-2											
188.0393	13:48	13:48	0	0.988	143722	47540	288	720	165		
190.0363	13:48	13:48	0	0.988	41228	14759	281	702	53	3.49(2.66-3.60)	
PCB-3											
188.0393	13:59	13:58	0	1.000	131745	42276	288	720	147		
190.0363	13:59	13:58	0	1.000	41543	13673	281	702	49	3.17(2.66-3.60)	
PCB-4L											
234.0406	14:14	14:13	0	0.880	7626576	2529801	1307	3267	1936		
236.0376	14:14	14:13	0	0.880	4779308	1588844	464	1160	3424	1.60(1.33-1.79)	
PCB-9L											
234.0406	16:10	16:10	0		12574640	3572873	1307	3267	2734		
236.0376	16:10	16:10	0		7719645	2230644	464	1160	4807	1.63(1.33-1.79)	
PCB-15L											
234.0406	20:07	20:06	1	1.244	13773004	3310298	1307	3267	2533		
236.0376	20:07	20:06	1	1.244	8431385	2050659	464	1160	4420	1.63(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-4											
222.0003	14:14	14:14	0	1.001	50829	17344	117	292	148		
223.9974	14:14	14:14	0	1.001	30827	10165	111	277	92	1.65(1.33-1.79)	
PCB-10											
222.0003	14:25	14:24	0	1.013	62272	20588	117	292	176		
223.9974	14:25	14:24	0	1.013	36772	12175	111	277	110	1.69(1.33-1.79)	
PCB-9											
222.0003	16:12	16:11	1	1.139	69297	19147	117	292	164		
223.9974	16:12	16:11	1	1.139	47970	13850	111	277	125	1.44(1.33-1.79)	
PCB-7											
222.0003	16:22	16:21	1	1.150	70570	19631	117	292	168		
223.9974	16:22	16:21	1	1.150	39766	10838	111	277	98	1.77(1.33-1.79)	
PCB-6											
222.0003	16:37	16:36	0	1.167	82602	23309	117	292	199		
223.9974	16:37	16:36	0	1.167	51982	14885	111	277	134	1.59(1.33-1.79)	
PCB-5											RQM
222.0003	16:55	16:55	1	1.190	69138	19161	117	292	164		
	Empc Correction				58092	18827	117	292	161		
223.9974	16:55	16:55	1	1.190	37239	12069	111	277	109	1.86(1.33-1.79)	M
PCB-8											M
222.0003	17:03	17:02	0	1.198	81555	21796	117	292	186		
223.9974	17:03	17:02	0	1.198	53668	15166	111	277	137	1.52(1.33-1.79)	M
PCB-14											
222.0003	18:39	18:39	0	0.927	66638	15945	117	292	136		
223.9974	18:39	18:39	0	0.927	46322	11697	111	277	105	1.44(1.33-1.79)	
PCB-11											
222.0003	19:31	19:30	1	0.970	77606	16638	117	292	142		
223.9974	19:31	19:30	1	0.970	51126	13558	111	277	122	1.52(1.33-1.79)	
PCB-12											
222.0003	19:49	19:48	1	0.985	135764	24730	117	292	211		
223.9974	19:49	19:48	1	0.985	82018	14545	111	277	131	1.66(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:49	19:48	1	0.985	135764	24730	117	292	211		
223.9974	19:49	19:48	1	0.985	82018	14545	111	277	131	1.66(1.33-1.79)	
PCB-15											
222.0003	20:08	20:08	0	1.001	78081	18814	117	292	161		
223.9974	20:08	20:08	0	1.001	45789	9317	111	277	84	1.71(1.33-1.79)	
PCB-19L											
268.0016	17:21	17:20	1	0.843	4518845	1206385	1336	3340	903		
269.9986	17:21	17:20	1	0.843	4162530	1116559	1959	4897	570	1.09(0.88-1.20)	
PCB-32L											
268.0016	20:35	20:35	0		7504388	1824396	1336	3340	1366		
269.9986	20:35	20:35	0		6959126	1700479	1959	4897	868	1.08(0.88-1.20)	
PCB-31L											
268.0016	22:51	22:50	1		15875356	3716463	2111	5277	1761		
269.9986	22:51	22:50	1		15012935	3465998	983	2457	3526	1.06(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-37L											
268.0016	27:11	27:10	1	1.189	14219485	2855911	2111	5277	1353		
269.9986	27:11	27:10	1	1.189	13306070	2687626	983	2457	2734	1.07(0.88-1.20)	
PCB-19											
255.9613	17:21	17:21	-1	1.000	29463	7607	124	310	61		
257.9584	17:22	17:21	0	1.001	30003	7827	86	215	91	0.98(0.88-1.20)	
PCB-18											M
255.9613	19:09	19:08	1	1.104	81632	12120	124	310	98		
257.9584	19:08	19:08	0	1.103	79271	12822	86	215	149	1.03(0.88-1.20)	M
PCB-30 (C18)											M
255.9613	19:09	19:08	1	1.104	81632	12120	124	310	98		
257.9584	19:08	19:08	0	1.103	79271	12822	86	215	149	1.03(0.88-1.20)	M
PCB-17											
255.9613	19:37	19:37	0	1.131	29693	7105	124	310	57		
257.9584	19:37	19:37	0	1.131	26539	6685	86	215	78	1.12(0.88-1.20)	
PCB-27											
255.9613	19:51	19:51	0	1.144	32574	8718	124	310	70		
257.9584	19:51	19:51	0	1.144	35648	9460	86	215	110	0.91(0.88-1.20)	
PCB-24											
255.9613	19:58	19:58	0	1.151	38966	9670	124	310	78		
257.9584	19:58	19:58	0	1.151	36791	9880	86	215	115	1.06(0.88-1.20)	
PCB-16											M
255.9613	20:06	20:06	0	1.159	27017	5954	124	310	48		M
257.9584	20:06	20:06	0	1.159	25116	7220	86	215	84	1.08(0.88-1.20)	M
PCB-32											M
255.9613	20:37	20:36	1	1.188	45151	12491	124	310	101		M
257.9584	20:37	20:36	1	1.188	44978	11812	86	215	137	1.00(0.88-1.20)	M
PCB-34											
255.9613	21:51	21:51	0	1.260	71565	17428	456	1140	38		
257.9584	21:51	21:51	0	1.260	67242	18345	347	867	53	1.06(0.88-1.20)	
PCB-23											
255.9613	22:00	21:59	1	1.269	68689	18139	456	1140	40		
257.9584	22:00	21:59	1	1.269	67547	16582	347	867	48	1.02(0.88-1.20)	
PCB-26											
255.9613	22:19	22:18	1	1.287	142875	33903	456	1140	74		
257.9584	22:19	22:18	1	1.287	135258	31620	347	867	91	1.06(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:19	22:18	1	1.287	142875	33903	456	1140	74		
257.9584	22:19	22:18	1	1.287	135258	31620	347	867	91	1.06(0.88-1.20)	
PCB-25											
255.9613	22:33	22:32	1	0.830	88202	18447	456	1140	40		
257.9584	22:33	22:32	1	0.830	80860	16375	347	867	47	1.09(0.88-1.20)	
PCB-31											
255.9613	22:52	22:51	1	0.842	88859	20446	456	1140	45		
257.9584	22:52	22:51	0	0.841	84457	21287	347	867	61	1.05(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-20											M
255.9613	23:10	23:10	0	0.852	158972	26659	456	1140	58		
257.9584	23:12	23:10	2	0.853	153438	23804	347	867	69	1.04(0.88-1.20)	M
PCB-28 (C20)											M
255.9613	23:10	23:10	0	0.852	158972	26659	456	1140	58		
257.9584	23:12	23:10	2	0.853	153438	23804	347	867	69	1.04(0.88-1.20)	M
PCB-21											M
255.9613	23:20	23:20	0	0.859	143396	18945	456	1140	42		M
257.9584	23:21	23:20	1	0.859	141952	17270	347	867	50	1.01(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:20	23:20	0	0.859	143396	18945	456	1140	42		M
257.9584	23:21	23:20	1	0.859	141952	17270	347	867	50	1.01(0.88-1.20)	M
PCB-22											
255.9613	23:49	23:48	0	0.876	83607	20247	456	1140	44		
257.9584	23:49	23:48	0	0.876	74787	15820	347	867	46	1.12(0.88-1.20)	
PCB-36											
255.9613	25:22	25:21	1	0.933	97358	17413	456	1140	38		
257.9584	25:22	25:21	1	0.933	81226	18196	347	867	52	1.20(0.88-1.20)	
PCB-39											
255.9613	25:43	25:43	0	0.946	80577	17086	456	1140	37		
257.9584	25:43	25:43	0	0.946	77204	17598	347	867	51	1.04(0.88-1.20)	
PCB-38											
255.9613	26:18	26:17	1	0.967	80924	15815	456	1140	35		
257.9584	26:18	26:17	1	0.967	70963	14901	347	867	43	1.14(0.88-1.20)	
PCB-35											
255.9613	26:48	26:46	2	0.986	82047	16192	456	1140	36		
257.9584	26:47	26:46	1	0.985	76422	15434	347	867	44	1.07(0.88-1.20)	
PCB-37											
255.9613	27:11	27:11	0	1.000	82945	17251	456	1140	38		
257.9584	27:11	27:11	0	1.000	76649	15442	347	867	45	1.08(0.88-1.20)	
PCB-54L											
301.9626	20:26	20:25	1	0.818	4535488	1110873	160	400	6943		
303.9597	20:25	20:25	0	0.818	5614095	1361212	64	160	21269	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:58	24:58	0		7237739	1610505	671	1677	2400		
303.9597	24:58	24:58	0		9095120	2059844	753	1882	2736	0.80(0.65-0.89)	
PCB-81L											
301.9626	33:55	33:55	1	1.358	9728022	1887114	671	1677	2812		
303.9597	33:55	33:55	1	1.358	12135900	2359467	753	1882	3133	0.80(0.65-0.89)	
PCB-77L											
301.9626	34:30	34:29	1	1.382	10207173	1909396	671	1677	2846		
303.9597	34:30	34:29	1	1.382	12710552	2382400	753	1882	3164	0.80(0.65-0.89)	
PCB-54											
289.9224	20:27	20:27	0	1.000	25529	6705	16	40	419		
291.9194	20:27	20:27	0	1.000	34617	8192	72	180	114	0.74(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-50											
289.9224	22:37	22:36	1	1.107	70461	16868	212	530	80		
291.9194	22:37	22:36	1	1.107	98710	22353	266	665	84	0.71(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:37	22:36	1	1.107	70461	16868	212	530	80		
291.9194	22:37	22:36	1	1.107	98710	22353	266	665	84	0.71(0.65-0.89)	
PCB-45											M
289.9224	23:20	23:20	0	1.142	66769	8774	212	530	41		M
291.9194	23:21	23:20	1	1.142	91516	13234	266	665	50	0.73(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:20	23:20	0	1.142	66769	8774	212	530	41		M
291.9194	23:21	23:20	1	1.142	91516	13234	266	665	50	0.73(0.65-0.89)	M
PCB-46											
289.9224	23:37	23:36	1	1.156	28701	7073	212	530	33		
291.9194	23:36	23:36	0	1.155	36671	8494	266	665	32	0.78(0.65-0.89)	
PCB-52											
289.9224	25:00	25:00	0	1.223	44877	9762	212	530	46		
291.9194	25:01	25:00	1	1.224	54446	12304	266	665	46	0.82(0.65-0.89)	
PCB-43											M
289.9224	25:08	25:08	1	1.230	81417	12007	212	530	57		M
291.9194	25:08	25:08	1	1.230	112778	14736	266	665	55	0.72(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:08	25:08	1	1.230	81417	12007	212	530	57		M
291.9194	25:08	25:08	1	1.230	112778	14736	266	665	55	0.72(0.65-0.89)	M
PCB-49											M
289.9224	25:25	25:24	1	1.244	84623	13453	212	530	63		M
291.9194	25:25	25:24	1	1.244	112987	14286	266	665	54	0.75(0.65-0.89)	M
PCB-69 (C49)											M
289.9224	25:25	25:24	1	1.244	84623	13453	212	530	63		M
291.9194	25:25	25:24	1	1.244	112987	14286	266	665	54	0.75(0.65-0.89)	M
PCB-48											
289.9224	25:46	25:45	1	1.261	38168	9317	212	530	44		
291.9194	25:45	25:45	0	1.260	48523	10868	266	665	41	0.79(0.65-0.89)	
PCB-44											
289.9224	26:01	26:00	1	1.273	136331	25729	212	530	121		
291.9194	26:00	26:00	0	1.272	162028	30108	266	665	113	0.84(0.65-0.89)	
PCB-47 (C44)											
289.9224	26:01	26:00	1	1.273	136331	25729	212	530	121		
291.9194	26:00	26:00	0	1.272	162028	30108	266	665	113	0.84(0.65-0.89)	
PCB-65 (C44)											
289.9224	26:01	26:00	1	1.273	136331	25729	212	530	121		
291.9194	26:00	26:00	0	1.272	162028	30108	266	665	113	0.84(0.65-0.89)	
PCB-59											M
289.9224	26:20	26:19	1	1.288	151950	23488	212	530	111		M
291.9194	26:20	26:19	1	1.288	206100	31468	266	665	118	0.74(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-62 (C59)											M
289.9224	26:20	26:19	1	1.288	151950	23488	212	530	111		M
291.9194	26:20	26:19	1	1.288	206100	31468	266	665	118	0.74(0.65-0.89)	M
PCB-75 (C59)											M
289.9224	26:20	26:19	1	1.288	151950	23488	212	530	111		M
291.9194	26:20	26:19	1	1.288	206100	31468	266	665	118	0.74(0.65-0.89)	M
PCB-42											
289.9224	26:32	26:31	1	1.299	36835	7903	212	530	37		
291.9194	26:32	26:31	1	1.299	42769	9470	266	665	36	0.86(0.65-0.89)	
PCB-40											M
289.9224	27:02	27:01	1	1.323	117855	17985	212	530	85		M
291.9194	27:02	27:01	1	1.323	146749	26513	266	665	100	0.80(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	27:02	27:01	1	1.323	117855	17985	212	530	85		M
291.9194	27:02	27:01	1	1.323	146749	26513	266	665	100	0.80(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	27:02	27:01	1	1.323	117855	17985	212	530	85		M
291.9194	27:02	27:01	1	1.323	146749	26513	266	665	100	0.80(0.65-0.89)	M
PCB-64											
289.9224	27:14	27:14	0	1.333	51907	10214	212	530	48		
291.9194	27:14	27:14	0	1.333	60989	12925	266	665	49	0.85(0.65-0.89)	
PCB-72											
289.9224	28:04	28:03	1	0.827	53563	12496	212	530	59		
291.9194	28:03	28:03	0	0.827	72227	14577	266	665	55	0.74(0.65-0.89)	
PCB-68											
289.9224	28:21	28:20	0	0.835	54355	12074	212	530	57		
291.9194	28:21	28:20	1	0.836	70114	15474	266	665	58	0.78(0.65-0.89)	
PCB-57											
289.9224	28:46	28:46	0	0.848	55753	13248	212	530	62		
291.9194	28:46	28:46	0	0.848	78307	15837	266	665	60	0.71(0.65-0.89)	
PCB-58											
289.9224	29:01	29:00	1	0.855	65485	15175	212	530	72		
291.9194	29:01	29:00	1	0.855	79430	16287	266	665	61	0.82(0.65-0.89)	
PCB-67											
289.9224	29:11	29:10	2	0.860	68928	12269	212	530	58		
291.9194	29:11	29:10	2	0.860	83971	17269	266	665	65	0.82(0.65-0.89)	
PCB-63											
289.9224	29:27	29:26	1	0.868	51637	10607	212	530	50		
291.9194	29:27	29:26	1	0.868	70887	14800	266	665	56	0.73(0.65-0.89)	
PCB-61											M
289.9224	29:48	29:47	1	0.878	234326	29485	212	530	139		M
291.9194	29:47	29:47	0	0.878	310432	35291	266	665	133	0.75(0.65-0.89)	M
PCB-70 (C61)											M
289.9224	29:48	29:47	1	0.878	234326	29485	212	530	139		M
291.9194	29:47	29:47	0	0.878	310432	35291	266	665	133	0.75(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-74 (C61)											M
289.9224	29:48	29:47	1	0.878	234326	29485	212	530	139		M
291.9194	29:47	29:47	0	0.878	310432	35291	266	665	133	0.75(0.65-0.89)	M
PCB-76 (C61)											M
289.9224	29:48	29:47	1	0.878	234326	29485	212	530	139		M
291.9194	29:47	29:47	0	0.878	310432	35291	266	665	133	0.75(0.65-0.89)	M
PCB-66											
289.9224	30:07	30:06	1	0.888	60546	11633	212	530	55		
291.9194	30:07	30:06	1	0.888	74829	15152	266	665	57	0.81(0.65-0.89)	
PCB-55											
289.9224	30:17	30:16	1	0.893	63626	13685	212	530	65		
291.9194	30:17	30:16	1	0.893	86610	15309	266	665	58	0.73(0.65-0.89)	
PCB-56											
289.9224	30:49	30:48	1	0.908	62978	14292	212	530	67		
291.9194	30:48	30:48	0	0.908	84015	16337	266	665	61	0.75(0.65-0.89)	
PCB-60											
289.9224	31:01	31:00	1	0.914	55364	10413	212	530	49		
291.9194	31:00	31:00	0	0.914	75986	14023	266	665	53	0.73(0.65-0.89)	
PCB-80											
289.9224	31:23	31:22	1	0.925	64635	12904	212	530	61		
291.9194	31:24	31:22	2	0.926	87251	15691	266	665	59	0.74(0.65-0.89)	
PCB-79											
289.9224	32:57	32:55	2	0.971	69264	12028	212	530	57		
291.9194	32:56	32:55	1	0.971	86508	16057	266	665	60	0.80(0.65-0.89)	
PCB-78											
289.9224	33:31	33:29	2	0.988	61594	11724	212	530	55		
291.9194	33:30	33:29	1	0.988	84408	16086	266	665	60	0.73(0.65-0.89)	
PCB-81											
289.9224	33:56	33:56	0	1.000	50664	9687	212	530	46		
291.9194	33:58	33:56	2	1.001	64316	11915	266	665	45	0.79(0.65-0.89)	
PCB-77											M
289.9224	34:31	34:31	0	1.000	55174	10075	212	530	48		M
291.9194	34:32	34:31	1	1.001	62728	12072	266	665	45	0.88(0.65-0.89)	M
PCB-104L											
337.9207	25:55	25:54	0	0.814	8969087	1990984	71	177	28042		
339.9178	25:55	25:54	0	0.814	5578421	1238015	102	255	12137	1.61(1.32-1.78)	
PCB-101L											
337.9207	31:49	31:49	1		7447343	1563455	71	177	22020		
339.9178	31:49	31:49	1		4575364	948522	102	255	9299	1.63(1.32-1.78)	
PCB-123L											
337.9207	36:29	36:28	1	1.146	11700524	2381296	3698	9245	644		
339.9178	36:29	36:28	1	1.146	7518689	1510949	2793	6982	541	1.56(1.32-1.78)	
PCB-118L											
337.9207	36:48	36:47	1	1.157	11935530	2322715	3698	9245	628		
339.9178	36:48	36:47	1	1.157	7616673	1467254	2793	6982	525	1.57(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-114L											
337.9207	37:20	37:20	0	1.173	12252211	2400450	3698	9245	649		
339.9178	37:20	37:20	0	1.173	7715397	1521758	2793	6982	545	1.59(1.32-1.78)	
PCB-105L											
337.9207	38:00	38:00	0	1.194	11996110	2332638	3698	9245	631		
339.9178	38:00	38:00	0	1.194	7619834	1477980	2793	6982	529	1.57(1.32-1.78)	
PCB-127L											
337.9207	39:28	39:27	1		12656871	2391882	3698	9245	647		
339.9178	39:28	39:27	1		8068156	1543400	2793	6982	553	1.57(1.32-1.78)	
PCB-126L											
337.9207	41:06	41:06	0	1.291	11945402	2287210	3698	9245	618		
339.9178	41:06	41:06	0	1.291	7558285	1421869	2793	6982	509	1.58(1.32-1.78)	
PCB-104											
325.8804	25:57	25:56	1	1.001	45465	11517	64	160	180		
327.8775	25:56	25:56	0	1.001	29742	7979	112	280	71	1.53(1.32-1.78)	
PCB-96											
325.8804	26:21	26:20	1	1.017	50732	11174	64	160	175		
327.8775	26:21	26:20	1	1.017	32087	6453	112	280	58	1.58(1.32-1.78)	
PCB-103											RQ
325.8804	28:14	28:13	0	1.089	38956	7739	64	160	121		
	Empc Correction				32467	7661	64	160	120		
327.8775	28:14	28:13	0	1.089	20947	4943	112	280	44	1.86(1.32-1.78)	
PCB-94											
325.8804	28:28	28:28	0	1.099	27448	6375	64	160	100		
327.8775	28:28	28:28	0	1.099	19782	4969	112	280	44	1.39(1.32-1.78)	
PCB-95											
325.8804	28:56	28:55	1	1.117	36324	7156	64	160	112		
327.8775	28:57	28:55	2	1.118	23360	4254	112	280	38	1.55(1.32-1.78)	
PCB-93											
325.8804	29:07	29:07	0	1.124	70129	11966	64	160	187		
327.8775	29:08	29:07	2	1.125	42909	6744	112	280	60	1.63(1.32-1.78)	
PCB-100 (C93)											
325.8804	29:07	29:07	0	1.124	70129	11966	64	160	187		
327.8775	29:08	29:07	2	1.125	42909	6744	112	280	60	1.63(1.32-1.78)	
PCB-98											M
325.8804	29:17	29:16	0	1.130	80581	10167	64	160	159		
327.8775	29:17	29:16	0	1.130	50314	8045	112	280	72	1.60(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:17	29:16	0	1.130	80581	10167	64	160	159		
327.8775	29:17	29:16	0	1.130	50314	8045	112	280	72	1.60(1.32-1.78)	M
PCB-88											M
325.8804	29:40	29:46	-6	1.145	71969	7613	64	160	119		M
327.8775	29:47	29:46	1	1.150	47848	6670	112	280	60	1.50(1.32-1.78)	M
PCB-91 (C88)											M
325.8804	29:40	29:46	-6	1.145	71969	7613	64	160	119		M
327.8775	29:47	29:46	1	1.150	47848	6670	112	280	60	1.50(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-84											
325.8804	30:02	30:01	1	1.159	28375	6228	64	160	97		
327.8775	30:00	30:01	-1	1.158	18792	3559	112	280	32	1.51(1.32-1.78)	
PCB-89											
325.8804	30:30	30:29	1	1.177	41221	9624	64	160	150		
327.8775	30:30	30:29	1	1.177	25729	5363	112	280	48	1.60(1.32-1.78)	
PCB-121											
325.8804	30:52	30:51	1	1.191	57621	10930	64	160	171		
327.8775	30:52	30:51	1	1.191	32427	6802	112	280	61	1.78(1.32-1.78)	
PCB-92											RQ
325.8804	31:15	31:16	-1	0.857	36038	7343	64	160	115		
	Empc Correction				29939	5922	64	160	93		
327.8775	31:15	31:16	-1	0.857	19316	3821	112	280	34	1.87(1.32-1.78)	
PCB-90											
325.8804	31:49	31:49	1	1.228	124226	18928	64	160	296		
327.8775	31:49	31:49	0	1.228	81472	11707	112	280	105	1.52(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:49	31:49	1	1.228	124226	18928	64	160	296		
327.8775	31:49	31:49	0	1.228	81472	11707	112	280	105	1.52(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:49	31:49	1	1.228	124226	18928	64	160	296		
327.8775	31:49	31:49	0	1.228	81472	11707	112	280	105	1.52(1.32-1.78)	
PCB-83											M
325.8804	32:26	32:25	1	1.252	76864	11141	64	160	174		M
327.8775	32:26	32:25	1	1.252	50989	6947	112	280	62	1.51(1.32-1.78)	M
PCB-99 (C83)											M
325.8804	32:26	32:25	1	1.252	76864	11141	64	160	174		M
327.8775	32:26	32:25	1	1.252	50989	6947	112	280	62	1.51(1.32-1.78)	M
PCB-112											RQ
325.8804	32:32	32:32	0	1.256	65257	10878	64	160	170		
	Empc Correction				55835	11463	64	160	179		
327.8775	32:32	32:32	1	1.256	36023	7396	112	280	66	1.81(1.32-1.78)	
PCB-86											M
325.8804	32:55	32:54	1	1.270	272536	27210	64	160	425		M
327.8775	32:54	32:54	0	1.270	162377	16048	112	280	143	1.68(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:55	32:54	1	1.270	272536	27210	64	160	425		M
327.8775	32:54	32:54	0	1.270	162377	16048	112	280	143	1.68(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:55	32:54	1	1.270	272536	27210	64	160	425		M
327.8775	32:54	32:54	0	1.270	162377	16048	112	280	143	1.68(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:55	32:54	1	1.270	272536	27210	64	160	425		M
327.8775	32:54	32:54	0	1.270	162377	16048	112	280	143	1.68(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:55	32:54	1	1.270	272536	27210	64	160	425		M
327.8775	32:54	32:54	0	1.270	162377	16048	112	280	143	1.68(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-125 (C86)											M
325.8804	32:55	32:54	1	1.270	272536	27210	64	160	425		M
327.8775	32:54	32:54	0	1.270	162377	16048	112	280	143	1.68(1.32-1.78)	M
PCB-85											M
325.8804	33:37	33:38	-1	1.298	132428	14046	64	160	219		M
327.8775	33:38	33:38	0	1.298	89901	9328	112	280	83	1.47(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:37	33:38	-1	1.298	132428	14046	64	160	219		M
327.8775	33:38	33:38	0	1.298	89901	9328	112	280	83	1.47(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:37	33:38	-1	1.298	132428	14046	64	160	219		M
327.8775	33:38	33:38	0	1.298	89901	9328	112	280	83	1.47(1.32-1.78)	M
PCB-110											
325.8804	33:52	33:52	0	1.307	119684	16767	64	160	262		
327.8775	33:52	33:52	1	1.307	76550	11228	112	280	100	1.56(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:52	33:52	0	1.307	119684	16767	64	160	262		
327.8775	33:52	33:52	1	1.307	76550	11228	112	280	100	1.56(1.32-1.78)	
PCB-82											
325.8804	34:11	34:10	1	1.319	35725	6170	64	160	96		
327.8775	34:11	34:10	1	1.319	22893	4782	112	280	43	1.56(1.32-1.78)	
PCB-111											
325.8804	34:31	34:31	0	1.332	55465	10771	64	160	168		
327.8775	34:31	34:31	0	1.332	35417	6419	112	280	57	1.57(1.32-1.78)	
PCB-120											M
325.8804	34:58	34:58	0	1.350	71960	14430	64	160	225		
327.8775	34:58	34:58	0	1.350	41185	9108	112	280	81	1.75(1.32-1.78)	M
PCB-108											
325.8804	36:08	36:08	0	1.395	135309	25918	273	682	95		
327.8775	36:09	36:08	1	1.395	80334	16207	200	500	81	1.68(1.32-1.78)	
PCB-124 (C108)											
325.8804	36:08	36:08	0	1.395	135309	25918	273	682	95		
327.8775	36:09	36:08	1	1.395	80334	16207	200	500	81	1.68(1.32-1.78)	
PCB-107											
325.8804	36:23	36:22	1	1.404	67810	12878	273	682	47		
327.8775	36:23	36:22	1	1.404	43901	9551	200	500	48	1.54(1.32-1.78)	
PCB-123											M
325.8804	36:30	36:29	1	1.001	69547	12521	273	682	46		M
327.8775	36:30	36:29	1	1.001	42865	7914	200	500	40	1.62(1.32-1.78)	
PCB-106											RQM
325.8804	36:37	36:36	1	1.004	63308	13714	273	682	50		M
	Empc Correction				54490	11025	273	682	40		
327.8775	36:36	36:36	-1	1.003	35155	7113	200	500	36	1.80(1.32-1.78)	
PCB-118											Ma
325.8804	36:49	36:49	0	1.000	59129	12226	273	682	45		M
327.8775	36:49	36:49	0	1.000	34177	7713	200	500	39	1.73(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-122											
325.8804	37:12	37:11	1	1.011	58337	11684	273	682	43		
327.8775	37:11	37:11	0	1.010	35990	7804	200	500	39	1.62(1.32-1.78)	
PCB-114											
325.8804	37:21	37:21	1	1.001	67414	12704	273	682	47		
327.8775	37:21	37:21	1	1.001	44908	8279	200	500	41	1.50(1.32-1.78)	
PCB-105											
325.8804	38:01	38:02	-1	1.000	58904	11046	273	682	40		
327.8775	38:02	38:02	0	1.001	41959	7073	200	500	35	1.40(1.32-1.78)	
PCB-127											M
325.8804	39:29	39:28	0	1.039	64546	14082	273	682	52		
327.8775	39:29	39:28	1	1.039	47121	10030	200	500	50	1.37(1.32-1.78)	M
PCB-126											
325.8804	41:06	41:06	0	1.000	67868	12233	273	682	45		
327.8775	41:07	41:06	1	1.001	45841	8703	200	500	44	1.48(1.32-1.78)	
PCB-155L											
371.8817	31:33	31:32	1	0.790	7917347	1680780	92	230	18269		
373.8788	31:33	31:32	1	0.790	6118197	1296015	126	315	10286	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:56	39:55	1		8138997	1608999	2014	5035	799		
373.8788	39:56	39:55	1		6431282	1266019	1556	3890	814	1.27(1.05-1.43)	
PCB-167L											
371.8817	42:56	42:55	1	1.075	10290991	2002849	2014	5035	994		
373.8788	42:56	42:55	1	1.075	8168776	1576522	1556	3890	1013	1.26(1.05-1.43)	
PCB-156L											
371.8817	44:06	44:06	1	1.104	20596919	2490598	2014	5035	1237		
373.8788	44:06	44:06	0	1.104	16123173	1976562	1556	3890	1270	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	44:06	44:06	1	1.104	20596919	2490598	2014	5035	1237		
373.8788	44:06	44:06	0	1.104	16123173	1976562	1556	3890	1270	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:21	47:21	0	1.186	10619614	1971765	2014	5035	979		
373.8788	47:21	47:21	0	1.186	8344971	1511203	1556	3890	971	1.27(1.05-1.43)	
PCB-155											
359.8415	31:35	31:34	1	1.001	37924	8140	45	112	181		
361.8385	31:35	31:34	1	1.001	28304	6541	55	137	119	1.34(1.05-1.43)	
PCB-152											
359.8415	31:49	31:49	0	1.008	43098	9215	45	112	205		
361.8385	31:49	31:49	0	1.008	31208	6211	55	137	113	1.38(1.05-1.43)	
PCB-150											
359.8415	31:59	31:58	1	1.013	36055	7993	45	112	178		
361.8385	31:59	31:58	1	1.013	31569	6478	55	137	118	1.14(1.05-1.43)	
PCB-136											
359.8415	32:23	32:22	1	1.026	40093	8603	45	112	191		
361.8385	32:23	32:22	1	1.026	33499	7622	55	137	139	1.20(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-145											
359.8415	32:39	32:38	1	1.035	43480	8502	45	112	189		
361.8385	32:39	32:38	2	1.035	33167	6168	55	137	112	1.31(1.05-1.43)	
PCB-148											
359.8415	34:08	34:08	0	1.082	28113	6362	45	112	141		
361.8385	34:08	34:08	0	1.082	24710	5037	55	137	92	1.14(1.05-1.43)	
PCB-135											M
359.8415	34:44	34:48	-4	1.101	60040	7008	45	112	156		M
361.8385	34:45	34:48	-2	1.101	47284	5829	55	137	106	1.27(1.05-1.43)	M
PCB-151 (C135)											M
359.8415	34:44	34:48	-4	1.101	60040	7008	45	112	156		M
361.8385	34:45	34:48	-2	1.101	47284	5829	55	137	106	1.27(1.05-1.43)	M
PCB-154											M
359.8415	34:58	34:58	0	1.108	33850	7782	45	112	173		
361.8385	34:58	34:58	0	1.108	26410	5547	55	137	101	1.28(1.05-1.43)	M
PCB-144											M
359.8415	35:19	35:18	2	1.119	28682	6485	45	112	144		
361.8385	35:19	35:18	2	1.119	22770	4418	55	137	80	1.26(1.05-1.43)	M
PCB-147											
359.8415	35:40	35:40	0	1.131	83731	16824	117	292	144		
361.8385	35:41	35:40	1	1.131	71304	14138	131	327	108	1.17(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:40	35:40	0	1.131	83731	16824	117	292	144		
361.8385	35:41	35:40	1	1.131	71304	14138	131	327	108	1.17(1.05-1.43)	
PCB-134											M
359.8415	35:59	35:58	0	1.140	71905	8012	117	292	68		M
361.8385	35:53	35:58	-5	1.137	59490	7009	131	327	54	1.21(1.05-1.43)	M
PCB-143 (C134)											M
359.8415	35:59	35:58	0	1.140	71905	8012	117	292	68		M
361.8385	35:53	35:58	-5	1.137	59490	7009	131	327	54	1.21(1.05-1.43)	M
PCB-139											
359.8415	36:16	36:15	1	1.149	88142	17015	117	292	145		
361.8385	36:16	36:15	1	1.149	71235	13461	131	327	103	1.24(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:16	36:15	1	1.149	88142	17015	117	292	145		
361.8385	36:16	36:15	1	1.149	71235	13461	131	327	103	1.24(1.05-1.43)	
PCB-131											RQ
359.8415	36:29	36:28	1	1.156	40296	8127	117	292	69		
	Empc Correction				34057	6459	117	292	55		
361.8385	36:30	36:28	2	1.157	27466	5209	131	327	40	1.47(1.05-1.43)	
PCB-142											
359.8415	36:37	36:37	0	1.161	33588	7220	117	292	62		
361.8385	36:37	36:37	0	1.161	26574	5723	131	327	44	1.26(1.05-1.43)	
PCB-132											RQ
359.8415	36:59	36:58	1	1.172	37813	7529	117	292	64		
	Empc Correction				32010	7717	117	292	66		
361.8385	36:58	36:58	0	1.171	25815	6224	131	327	48	1.46(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-133											RQ
359.8415	37:25	37:25	0	1.186	43820	8989	117	292	77		
	Empc Correction				36049	7565	117	292	65		
361.8385	37:26	37:25	1	1.186	29072	6101	131	327	47	1.51(1.05-1.43)	
PCB-165											
359.8415	37:49	37:49	0	0.881	52656	11815	117	292	101		
361.8385	37:49	37:49	0	0.881	42499	8290	131	327	63	1.24(1.05-1.43)	
PCB-146											
359.8415	38:05	38:04	1	0.887	46544	8910	117	292	76		
361.8385	38:04	38:04	0	0.887	40101	8791	131	327	67	1.16(1.05-1.43)	
PCB-161											
359.8415	38:12	38:12	0	0.890	59275	11921	117	292	102		
361.8385	38:12	38:12	0	0.890	46856	9982	131	327	76	1.27(1.05-1.43)	
PCB-153											
359.8415	38:41	38:42	-1	0.901	101406	16239	117	292	139		
361.8385	38:42	38:42	0	0.901	83906	13766	131	327	105	1.21(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:41	38:42	-1	0.901	101406	16239	117	292	139		
361.8385	38:42	38:42	0	0.901	83906	13766	131	327	105	1.21(1.05-1.43)	
PCB-141											
359.8415	38:54	38:54	0	0.906	37695	8336	117	292	71		
361.8385	38:54	38:54	0	0.906	28334	5808	131	327	44	1.33(1.05-1.43)	
PCB-130											
359.8415	39:19	39:18	1	0.916	31293	7023	117	292	60		
361.8385	39:20	39:18	2	0.916	28293	5566	131	327	42	1.11(1.05-1.43)	
PCB-137											
359.8415	39:31	39:31	0	0.920	40148	8559	117	292	73		
361.8385	39:32	39:31	1	0.921	32503	6363	131	327	49	1.24(1.05-1.43)	
PCB-164											
359.8415	39:40	39:39	2	0.924	59550	11770	117	292	101		
361.8385	39:40	39:39	1	0.924	45383	8153	131	327	62	1.31(1.05-1.43)	
PCB-129											M
359.8415	39:58	39:57	1	0.931	175264	20494	117	292	175		M
361.8385	39:58	39:57	1	0.931	149229	16668	131	327	127	1.17(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:58	39:57	1	0.931	175264	20494	117	292	175		M
361.8385	39:58	39:57	1	0.931	149229	16668	131	327	127	1.17(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:58	39:57	1	0.931	175264	20494	117	292	175		M
361.8385	39:58	39:57	1	0.931	149229	16668	131	327	127	1.17(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:58	39:57	1	0.931	175264	20494	117	292	175		M
361.8385	39:58	39:57	1	0.931	149229	16668	131	327	127	1.17(1.05-1.43)	M
PCB-158											
359.8415	40:21	40:20	1	0.940	62624	10915	117	292	93		
361.8385	40:21	40:20	1	0.940	48336	10609	131	327	81	1.30(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-128											
359.8415	41:10	41:10	0	0.959	97100	12196	117	292	104		
361.8385	41:12	41:10	2	0.960	75023	10798	131	327	82	1.29(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:10	41:10	0	0.959	97100	12196	117	292	104		
361.8385	41:12	41:10	2	0.960	75023	10798	131	327	82	1.29(1.05-1.43)	
PCB-159											M
359.8415	42:11	42:10	1	0.983	67299	13375	117	292	114		M
361.8385	42:11	42:10	1	0.983	59539	12740	131	327	97	1.13(1.05-1.43)	
PCB-162											M
359.8415	42:28	42:28	0	0.989	52218	10520	117	292	90		M
361.8385	42:28	42:28	0	0.989	49711	8181	131	327	62	1.05(1.05-1.43)	
PCB-167											
359.8415	42:57	42:57	0	1.000	56947	10047	117	292	86		
361.8385	42:57	42:57	0	1.000	46587	7871	131	327	60	1.22(1.05-1.43)	
PCB-156											M
359.8415	44:07	44:07	0	1.000	112696	13362	117	292	114		M
361.8385	44:10	44:07	3	1.001	85771	9655	131	327	74	1.31(1.05-1.43)	
PCB-157 (C156)											M
359.8415	44:07	44:07	0	1.000	112696	13362	117	292	114		M
361.8385	44:10	44:07	3	1.001	85771	9655	131	327	74	1.31(1.05-1.43)	
PCB-169											
359.8415	47:22	47:21	1	1.001	62727	13604	117	292	116		
361.8385	47:23	47:21	2	1.001	50326	8201	131	327	63	1.25(1.05-1.43)	
PCB-188L											
405.8428	37:18	37:17	0	0.820	7751990	1551168	159	397	9756		
407.8398	37:18	37:17	0	0.820	7434966	1493894	64	160	23342	1.04(0.89-1.21)	
PCB-180L											
405.8428	45:28	45:28	0		5984401	1172645	159	397	7375		
407.8398	45:28	45:28	0		5669971	1098436	64	160	17163	1.06(0.89-1.21)	
PCB-170L											
405.8428	46:45	46:45	0	1.028	5253823	1005078	159	397	6321		
407.8398	46:45	46:45	0	1.028	4958574	939585	64	160	14681	1.06(0.89-1.21)	
PCB-189L											
405.8428	49:52	49:51	1	1.097	11083792	2010393	846	2115	2376		
407.8398	49:52	49:51	1	1.097	10600856	1968424	5582	13955	353	1.05(0.89-1.21)	
PCB-188											
393.8025	37:19	37:19	0	1.001	39280	8752	88	220	99		
395.7995	37:20	37:19	1	1.001	36458	7921	2	5	3961	1.08(0.89-1.21)	
PCB-179											
393.8025	37:41	37:41	0	1.011	47533	10041	88	220	114		
395.7995	37:41	37:41	0	1.011	43382	9095	2	5	4548	1.10(0.89-1.21)	
PCB-184											
393.8025	38:11	38:10	1	1.024	42947	9291	88	220	106		
395.7995	38:10	38:10	0	1.024	38885	7596	2	5	3798	1.10(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-176											
393.8025	38:34	38:34	0	1.034	39874	7535	88	220	86		
395.7995	38:34	38:34	0	1.034	38605	8378	2	5	4189	1.03(0.89-1.21)	
PCB-186											
393.8025	39:02	39:01	2	1.047	45750	8168	88	220	93		
395.7995	39:02	39:01	1	1.047	51094	10484	2	5	5242	0.90(0.89-1.21)	
PCB-178											
393.8025	40:23	40:23	0	1.083	30715	5673	88	220	64		
395.7995	40:23	40:23	0	1.083	26624	5915	2	5	2958	1.15(0.89-1.21)	
PCB-175											
393.8025	41:00	41:01	-1	1.099	29251	5549	88	220	63		
395.7995	41:02	41:01	1	1.100	29688	6463	2	5	3232	0.99(0.89-1.21)	
PCB-187											
393.8025	41:17	41:17	0	1.107	38634	7384	88	220	84		
395.7995	41:17	41:17	0	1.107	38994	7828	2	5	3914	0.99(0.89-1.21)	
PCB-182											
393.8025	41:29	41:29	0	1.113	39341	7499	88	220	85		
395.7995	41:29	41:29	0	1.113	34827	6887	2	5	3444	1.13(0.89-1.21)	
PCB-183											RQM
393.8025	42:01	41:54	7	1.127	73987	8138	88	220	92		M
	Empc Correction				61875	7062	88	220	80		
395.7995	41:55	41:54	2	1.124	58929	6726	2	5	3363	1.26(0.89-1.21)	M
PCB-185 (C183)											RQM
393.8025	42:01	41:54	7	1.127	73987	8138	88	220	92		M
	Empc Correction				61875	7062	88	220	80		
395.7995	41:55	41:54	2	1.124	58929	6726	2	5	3363	1.26(0.89-1.21)	M
PCB-174											RQ
393.8025	42:10	42:09	1	1.131	34735	6809	88	220	77		
	Empc Correction				28958	6118	88	220	70		
395.7995	42:10	42:09	1	1.131	27580	5827	2	5	2914	1.26(0.89-1.21)	
PCB-177											RQ
393.8025	42:36	42:36	0	1.142	27413	4811	88	220	55		
395.7995	42:36	42:36	1	1.143	31833	5772	2	5	2886	0.86(0.89-1.21)	
	Empc Correction				26107	4581	2	5	2291		
PCB-181											
393.8025	42:58	42:58	0	1.152	32411	6119	88	220	70		
395.7995	42:58	42:58	0	1.152	32964	6337	2	5	3169	0.98(0.89-1.21)	
PCB-171											
393.8025	43:14	43:13	1	1.159	60811	10489	88	220	119		
395.7995	43:13	43:13	0	1.159	55110	10647	2	5	5324	1.10(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:14	43:13	1	1.159	60811	10489	88	220	119		
395.7995	43:13	43:13	0	1.159	55110	10647	2	5	5324	1.10(0.89-1.21)	
PCB-172											
393.8025	44:51	44:51	0	0.899	32828	6465	88	220	73		
395.7995	44:50	44:51	-1	0.899	27525	5720	2	5	2860	1.19(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-192											M
393.8025	45:07	45:06	1	0.905	47013	9513	88	220	108		M
395.7995	45:08	45:06	2	0.905	45637	9400	2	5	4700	1.03(0.89-1.21)	
PCB-180											M
393.8025	45:28	45:28	0	0.912	74834	9375	88	220	107		M
395.7995	45:29	45:28	2	0.912	72041	8714	2	5	4357	1.04(0.89-1.21)	M
PCB-193 (C180)											M
393.8025	45:28	45:28	0	0.912	74834	9375	88	220	107		M
395.7995	45:29	45:28	2	0.912	72041	8714	2	5	4357	1.04(0.89-1.21)	M
PCB-191											
393.8025	45:51	45:51	0	0.919	42614	8299	88	220	94		
395.7995	45:51	45:51	1	0.919	42368	8248	2	5	4124	1.01(0.89-1.21)	
PCB-170											
393.8025	46:47	46:46	2	0.938	29359	6018	88	220	68		
395.7995	46:47	46:46	1	0.938	29098	6078	2	5	3039	1.01(0.89-1.21)	
PCB-190											
393.8025	47:17	47:17	0	0.948	40775	7228	88	220	82		
395.7995	47:17	47:17	1	0.948	39788	8151	2	5	4076	1.02(0.89-1.21)	
PCB-189											
393.8025	49:53	49:53	0	1.000	57306	9364	178	445	53		
395.7995	49:54	49:53	1	1.001	54481	11048	101	252	109	1.05(0.89-1.21)	
PCB-202L											
439.8038	42:40	42:40	0	0.821	5970332	1149372	67	167	17155		
441.8008	42:40	42:40	0	0.821	6596575	1282374	57	142	22498	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:58	51:57	1		7422272	1414283	3676	9190	385		
441.8008	51:58	51:57	1		8116477	1533064	4380	10950	350	0.91(0.76-1.02)	
PCB-205L											
439.8038	52:26	52:25	1	1.009	9142295	1749446	3676	9190	476		
441.8008	52:26	52:25	1	1.009	10187695	1919390	4380	10950	438	0.90(0.76-1.02)	
PCB-202											
427.7635	42:42	42:42	0	1.001	29529	6411	27	67	237		
429.7606	42:43	42:42	1	1.001	31241	6725	66	165	102	0.95(0.76-1.02)	
PCB-201											
427.7635	43:38	43:37	1	1.023	31313	6887	27	67	255		
429.7606	43:37	43:37	0	1.022	31328	6333	66	165	96	1.00(0.76-1.02)	
PCB-204											
427.7635	44:17	44:17	1	1.038	34658	6109	27	67	226		
429.7606	44:17	44:17	1	1.038	37202	7994	66	165	121	0.93(0.76-1.02)	
PCB-197											
427.7635	44:32	44:31	1	1.043	33182	6729	27	67	249		
429.7606	44:32	44:31	1	1.043	34641	7265	66	165	110	0.96(0.76-1.02)	
PCB-200											
427.7635	44:40	44:39	1	1.047	28369	6036	27	67	224		
429.7606	44:38	44:39	-1	1.046	28430	5187	66	165	79	1.00(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-198											M
427.7635	47:26	47:25	1	1.112	57325	7233	27	67	268		
429.7606	47:27	47:25	2	1.112	59435	8054	66	165	122	0.96(0.76-1.02)	M
PCB-199 (C198)											M
427.7635	47:26	47:25	1	1.112	57325	7233	27	67	268		
429.7606	47:27	47:25	2	1.112	59435	8054	66	165	122	0.96(0.76-1.02)	M
PCB-196											RQ
427.7635	48:06	48:06	0	0.917	27248	5045	27	67	187		
	Empc Correction				23116	4903	27	67	182		
429.7606	48:06	48:06	0	0.917	25974	5509	66	165	83	1.05(0.76-1.02)	
PCB-203											
427.7635	48:18	48:17	1	0.921	29922	6513	27	67	241		
429.7606	48:17	48:17	0	0.921	29760	5270	66	165	80	1.01(0.76-1.02)	
PCB-195											a
427.7635	49:39	49:38	1	0.947	37796	7435	117	292	64		a
429.7606	49:39	49:38	1	0.947	41114	8755	101	252	87	0.92(0.76-1.02)	
PCB-194											
427.7635	51:59	51:59	0	0.991	43588	7933	117	292	68		
429.7606	52:00	51:59	1	0.992	44343	8850	101	252	88	0.98(0.76-1.02)	
PCB-205											
427.7635	52:27	52:27	1	1.000	53116	10071	117	292	86		
429.7606	52:27	52:27	1	1.000	56943	10849	101	252	107	0.93(0.76-1.02)	
PCB-208L											
473.7648	49:21	49:21	0	0.950	7206977	1393994	877	2192	1590		
475.7619	49:21	49:21	0	0.950	8907415	1742133	4808	12020	362	0.81(0.65-0.89)	
PCB-206L											
473.7648	54:10	54:10	1	1.042	5270266	998265	877	2192	1138		
475.7619	54:10	54:10	1	1.042	6422592	1206640	4808	12020	251	0.82(0.65-0.89)	
PCB-208											nMa
461.7246	49:24	49:22	2	1.001	43032	7879	216	540	36		M
463.7216	49:21	49:22	-1	1.000	48776	8646	1724	4310	5	0.88(0.65-0.89)	
PCB-207											nMa
461.7246	50:19	50:18	1	1.019	38885	8829	216	540	41		M
463.7216	50:20	50:18	2	1.020	45592	10146	1724	4310	6	0.85(0.65-0.89)	
PCB-206											nMa
461.7246	54:11	54:11	0	1.000	33078	6510	216	540	30		M
463.7216	54:12	54:11	1	1.000	39209	8775	1724	4310	5	0.84(0.65-0.89)	
PCB-209L											
507.7258	55:46	55:46	0	1.073	5124757	918919	204	510	4505		
509.7229	55:46	55:46	0	1.073	7215268	1287818	180	450	7155	0.71(0.59-0.79)	
DCB Decachlorobiphenyl											M
495.6856	55:47	55:47	0	1.000	30842	4878	23	57	212		M
497.6826	55:48	55:47	1	1.001	41414	7683	20	50	384	0.74(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

n - Failed Sig-To-Noise Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

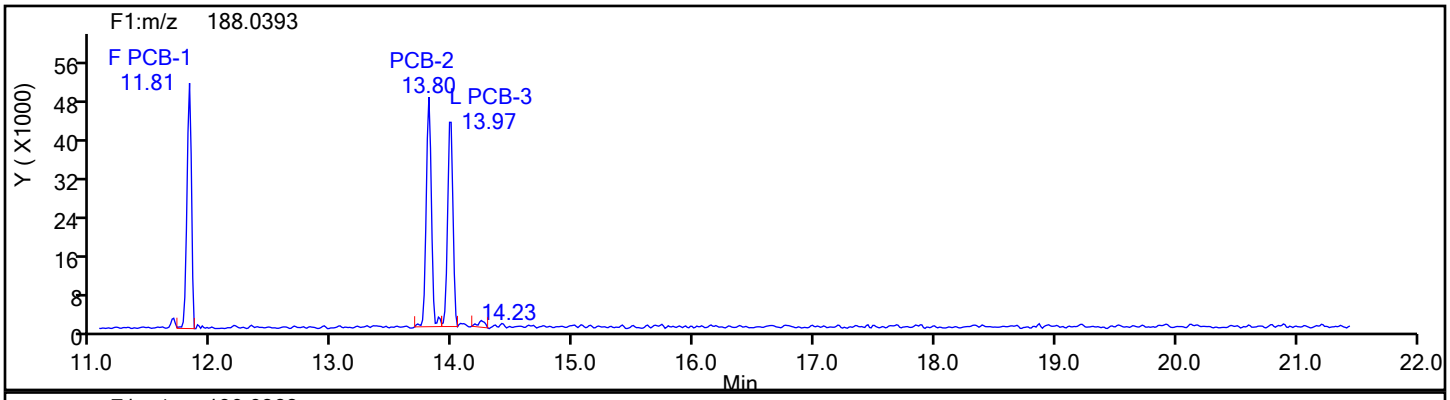
61L0.51668P_00006 Amount Added: 20.00 Units: uL

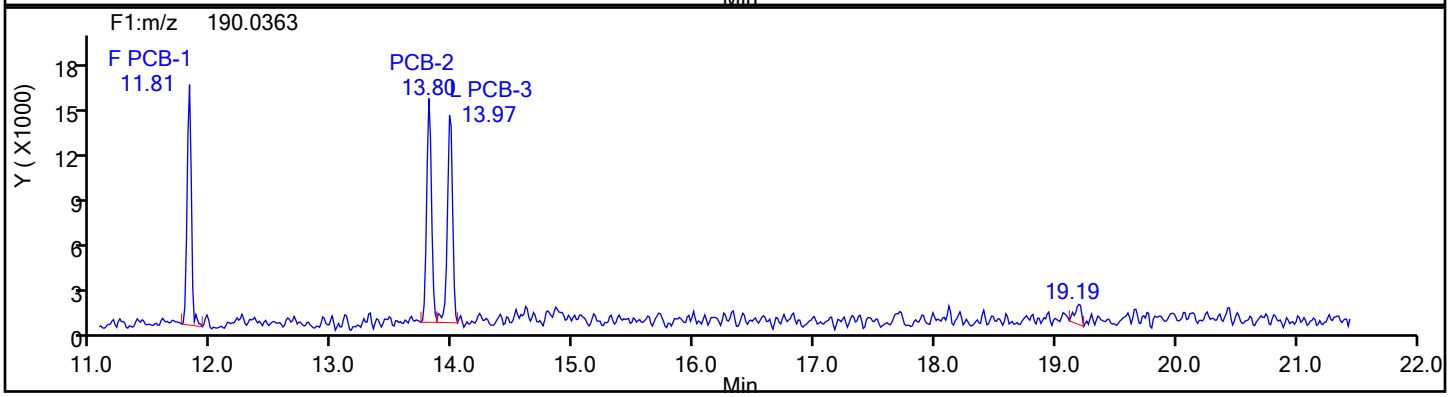
Report Date: 08-Oct-2021 19:10:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

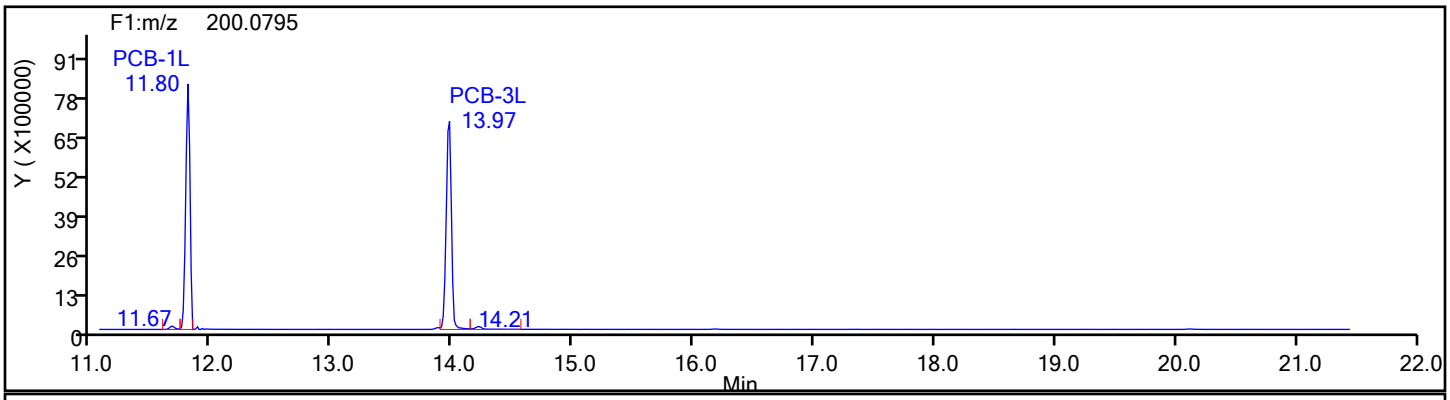
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

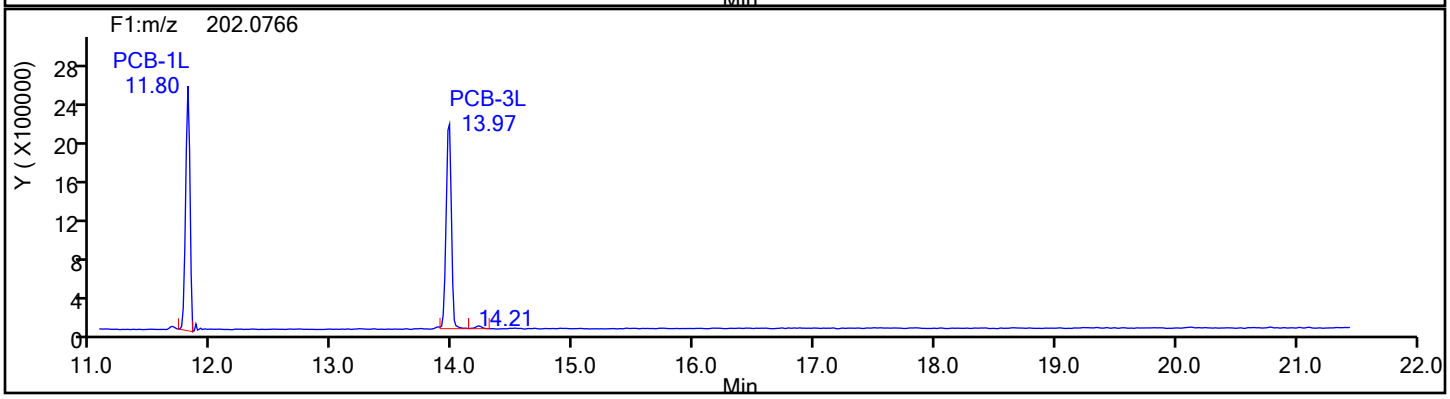
MoPCB F1





MoPCB F1 Standards





Report Date: 08-Oct-2021 19:10:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

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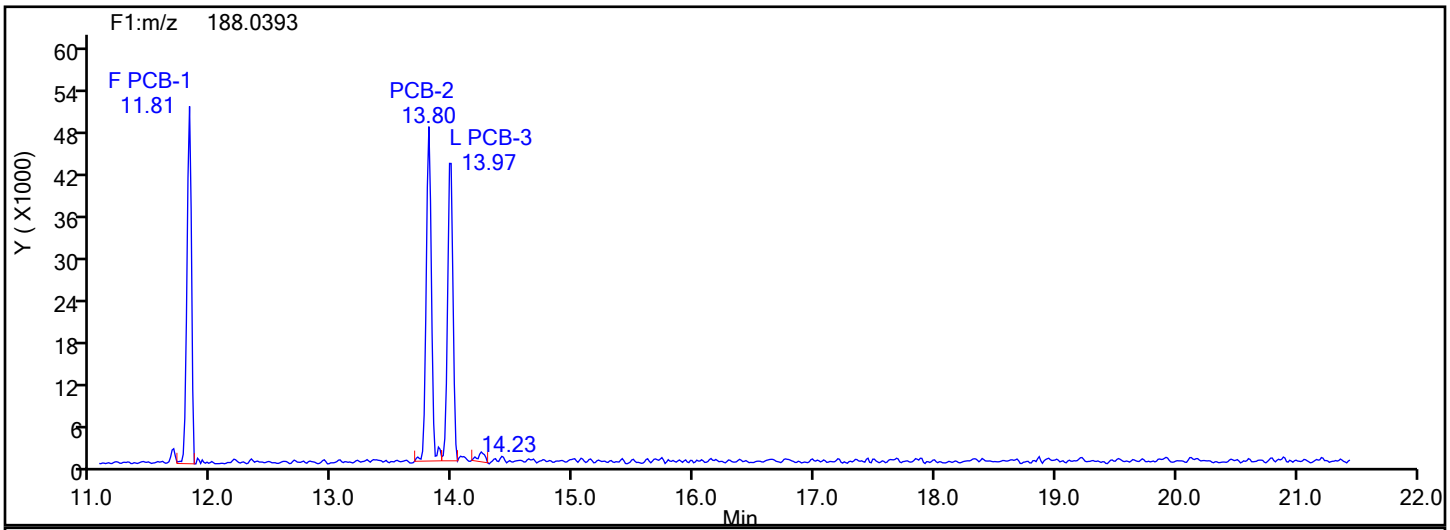
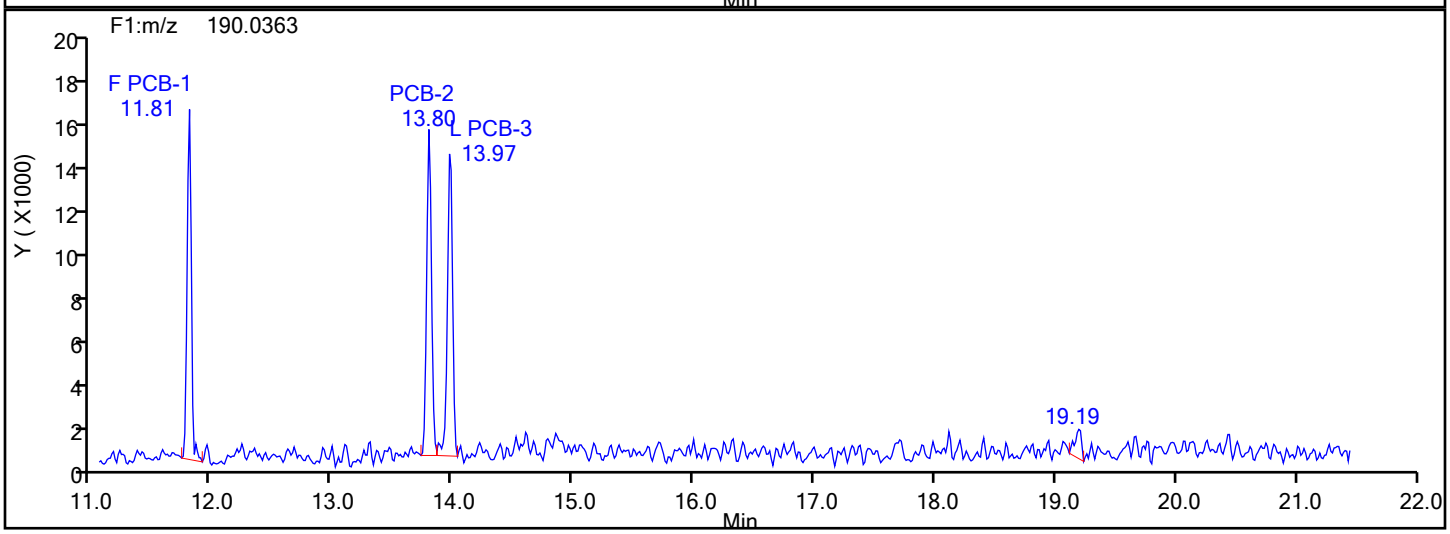
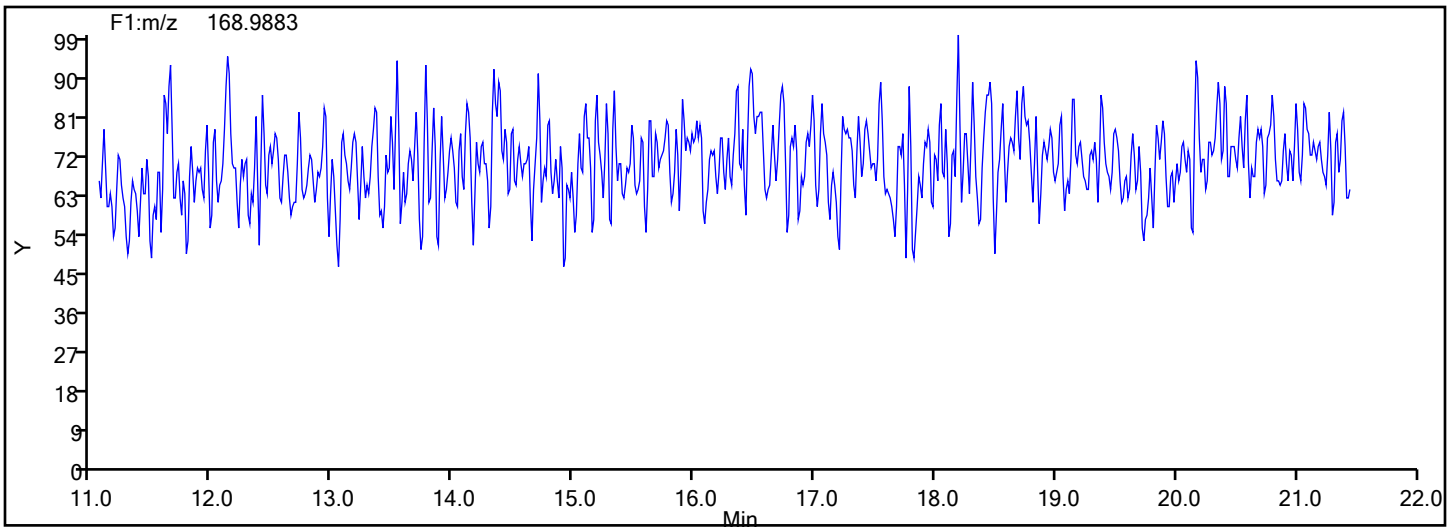
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



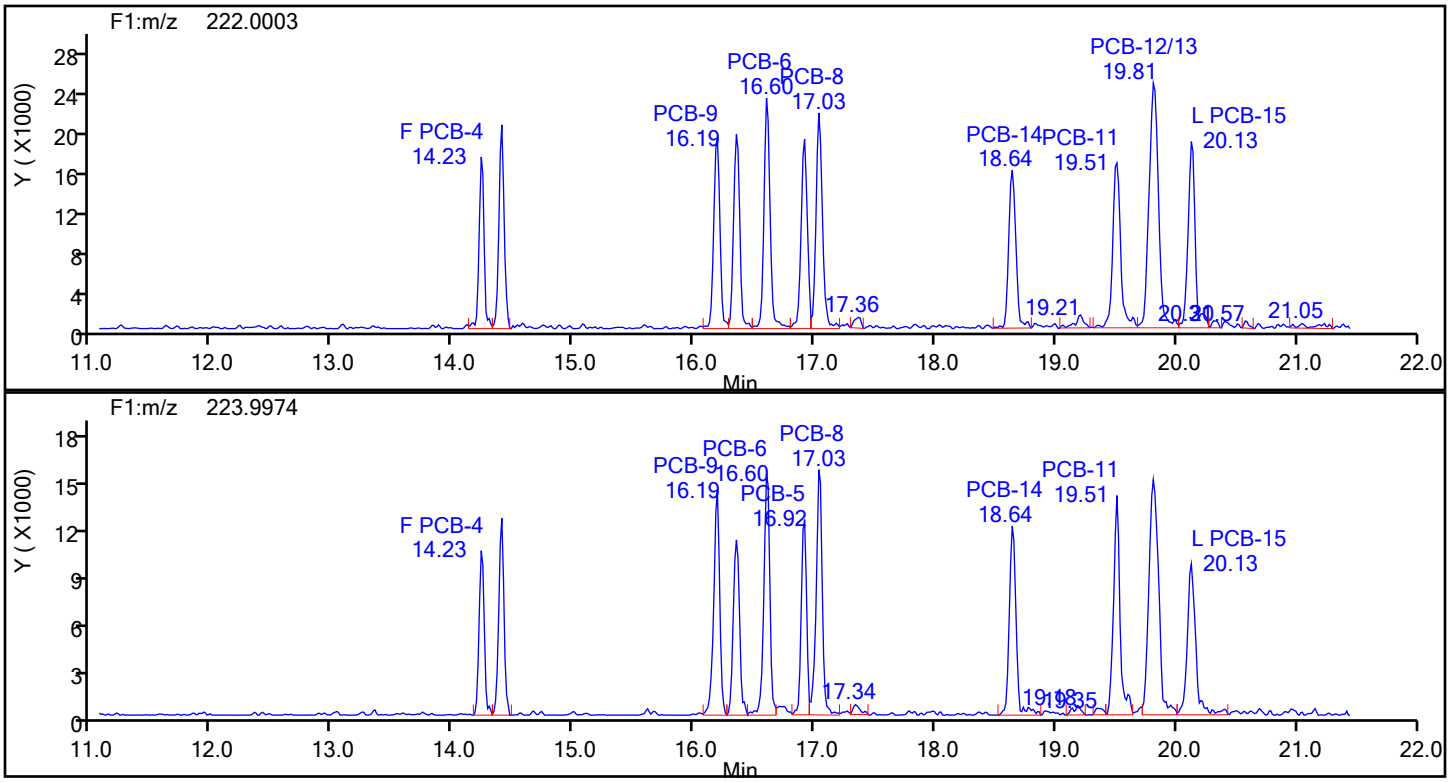
Report Date: 08-Oct-2021 19:10:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

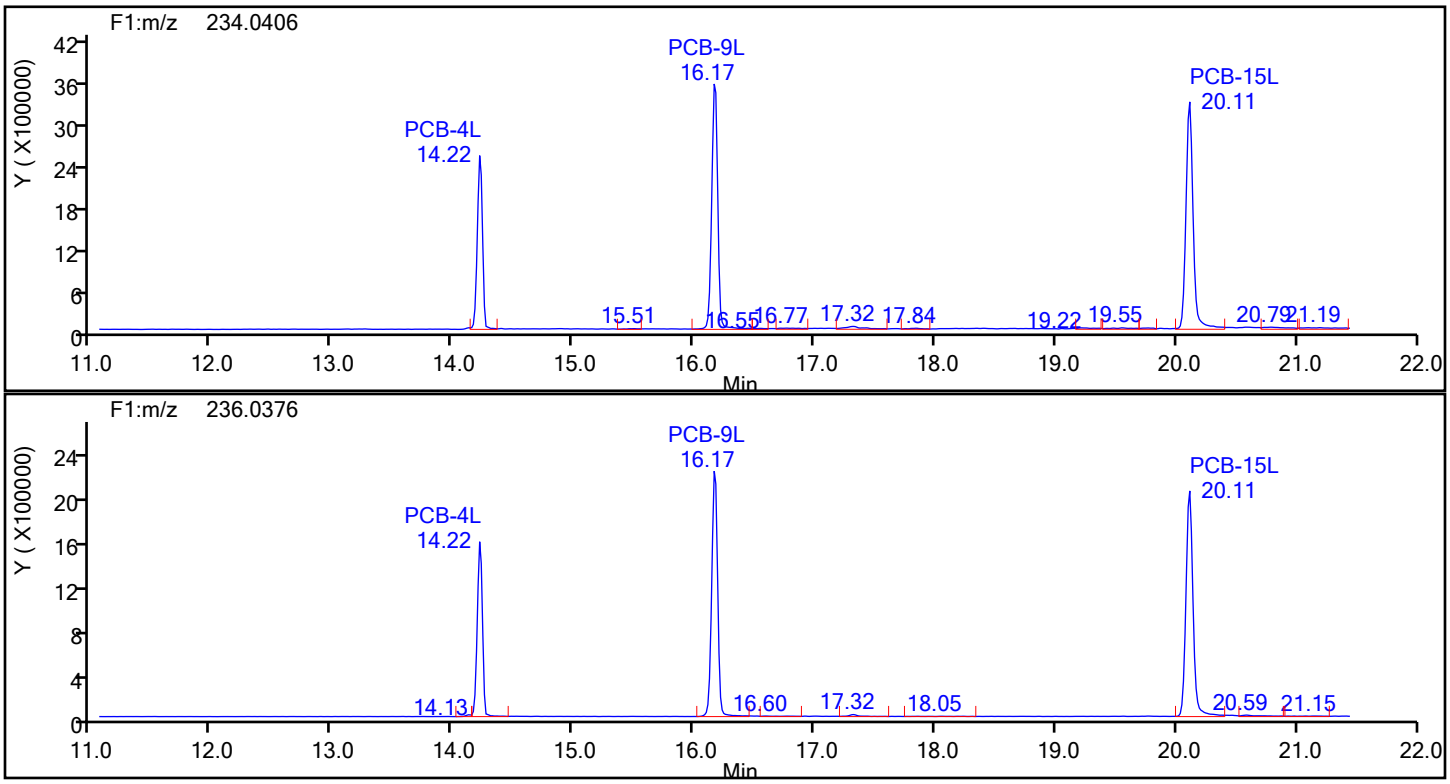
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d

Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards



Report Date: 08-Oct-2021 19:10:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
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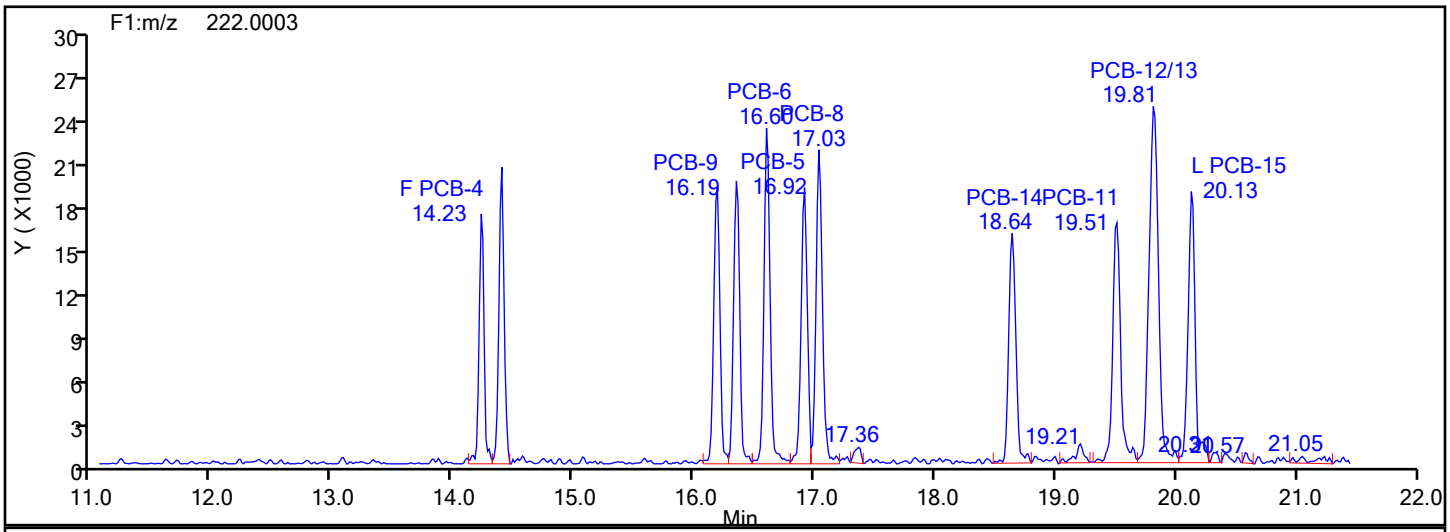
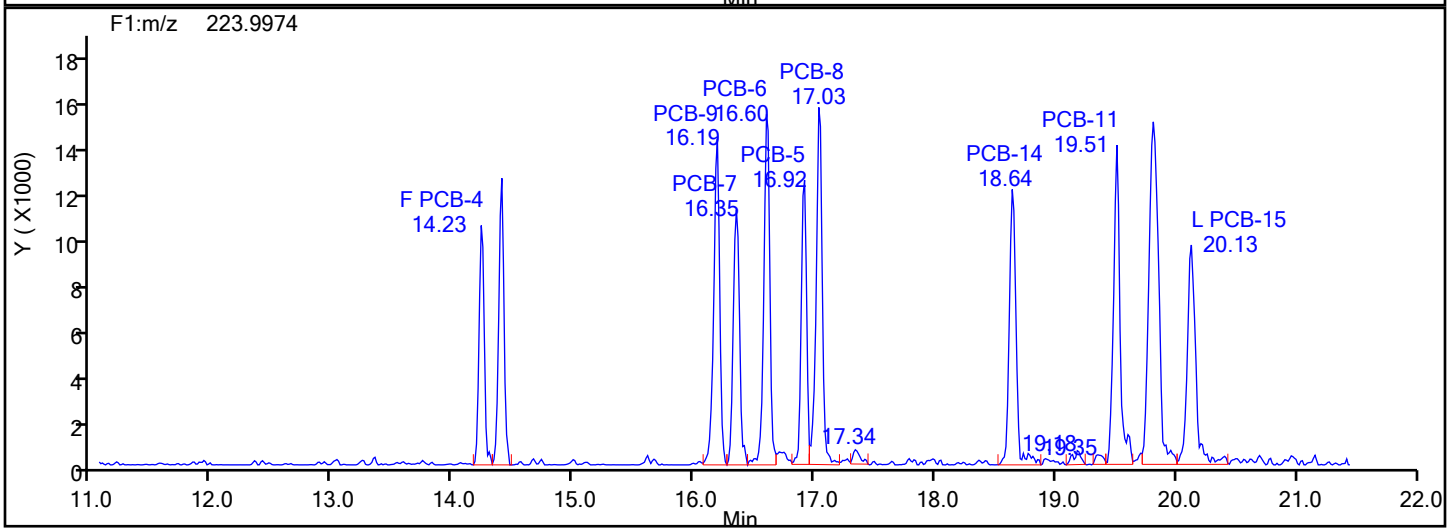
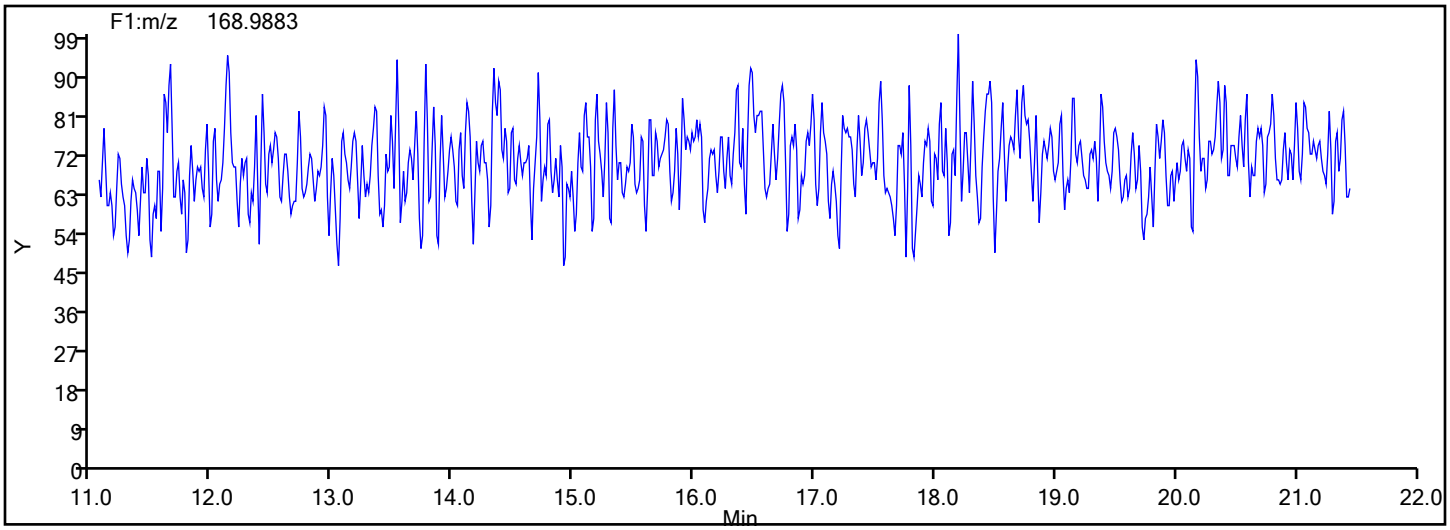
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

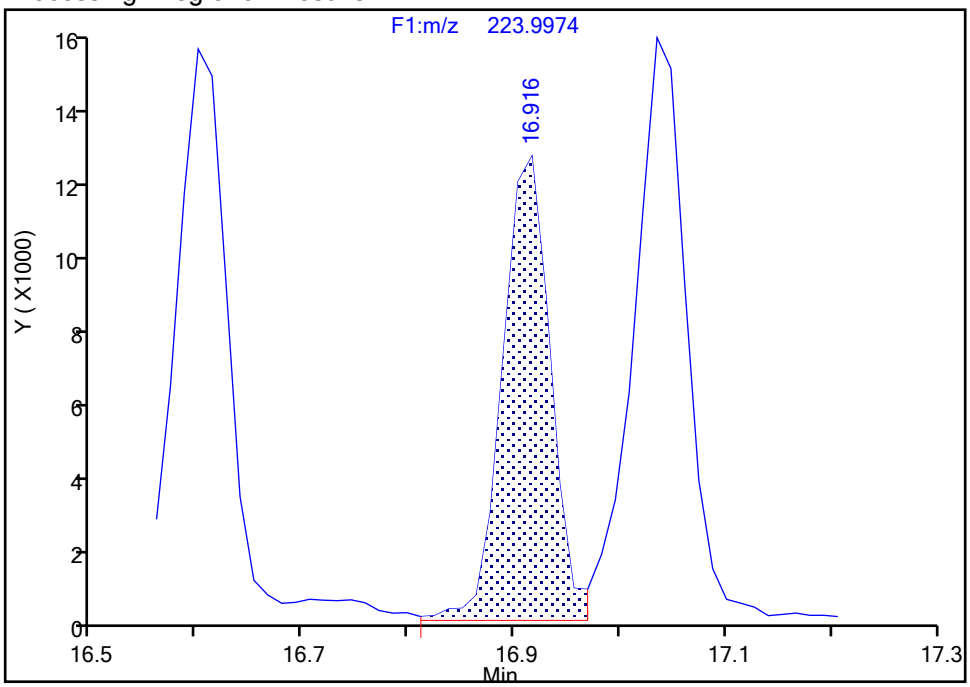
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-5, CAS: 16605-91-7

Signal: 2

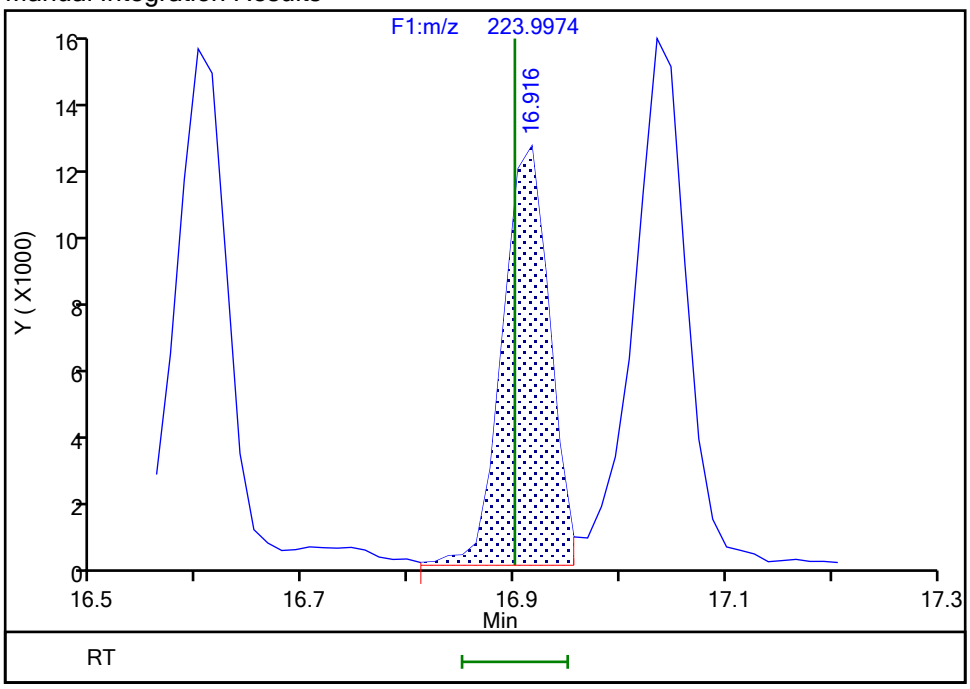
Processing Integration Results

RT: 16.92
Area: 38071
Amount: 0.513252
Amount Units: pg/ul



Manual Integration Results

RT: 16.92
Area: 37239
Amount: 0.503608
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:57:23

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
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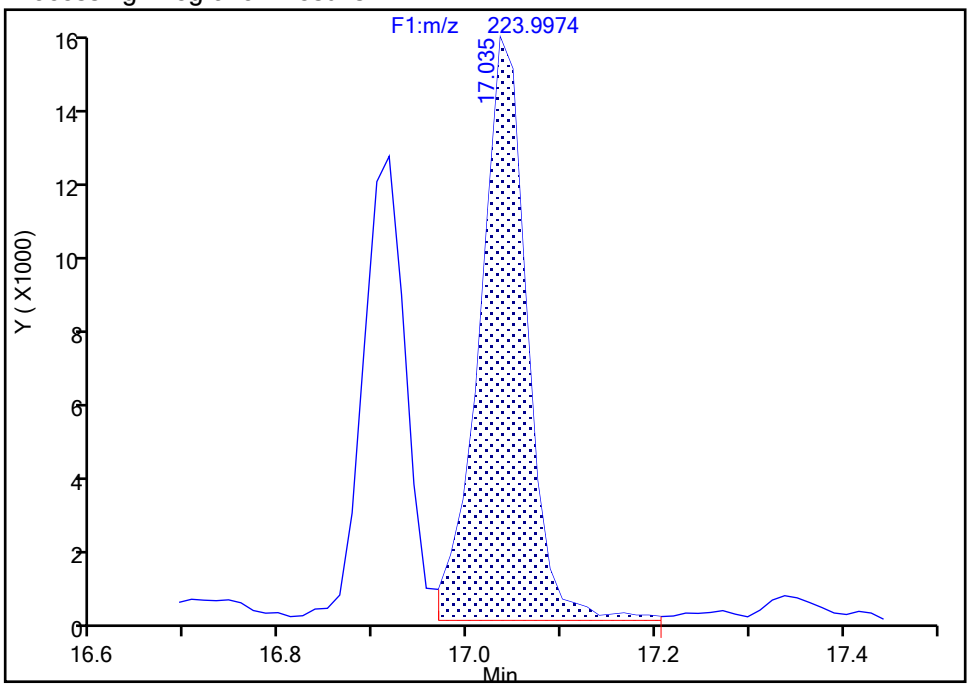
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-8, CAS: 34883-43-7

Signal: 2

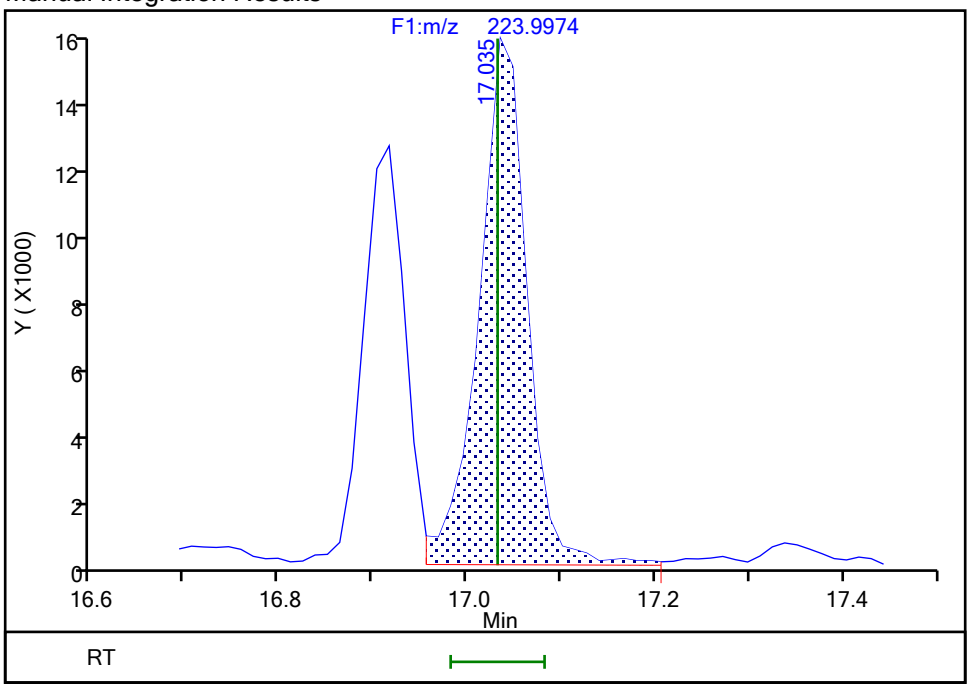
Processing Integration Results

RT: 17.03
Area: 53177
Amount: 0.518796
Amount Units: pg/ul



Manual Integration Results

RT: 17.03
Area: 53668
Amount: 0.513833
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:57:23

Audit Action: Manually Integrated Audit Reason: Split Peak

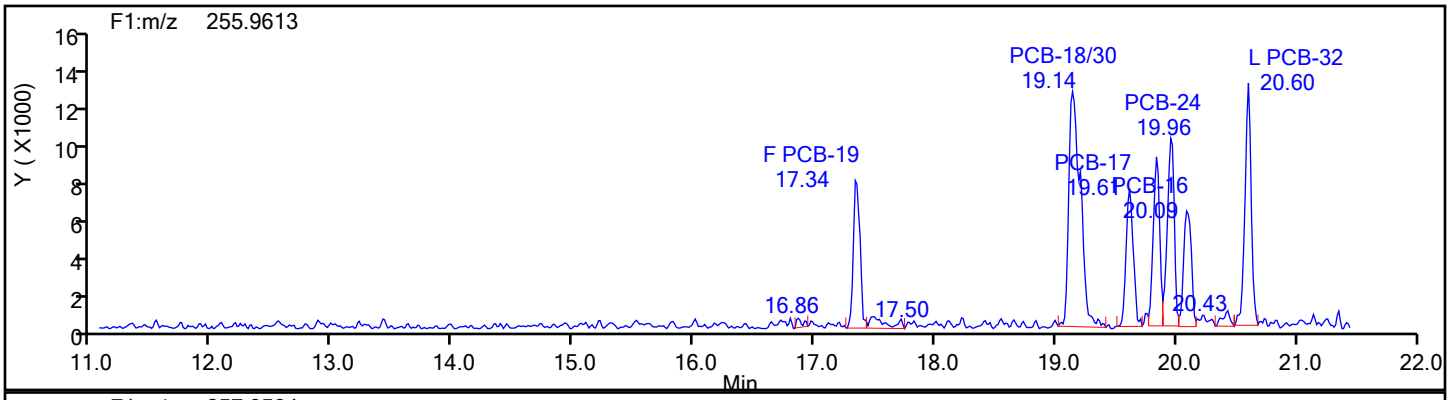
Report Date: 08-Oct-2021 19:10:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

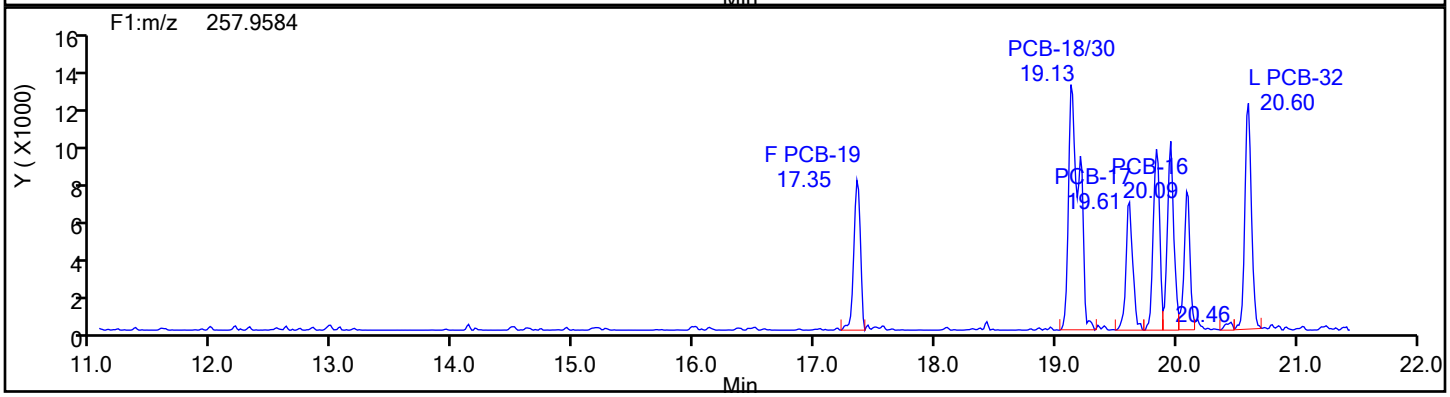
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d

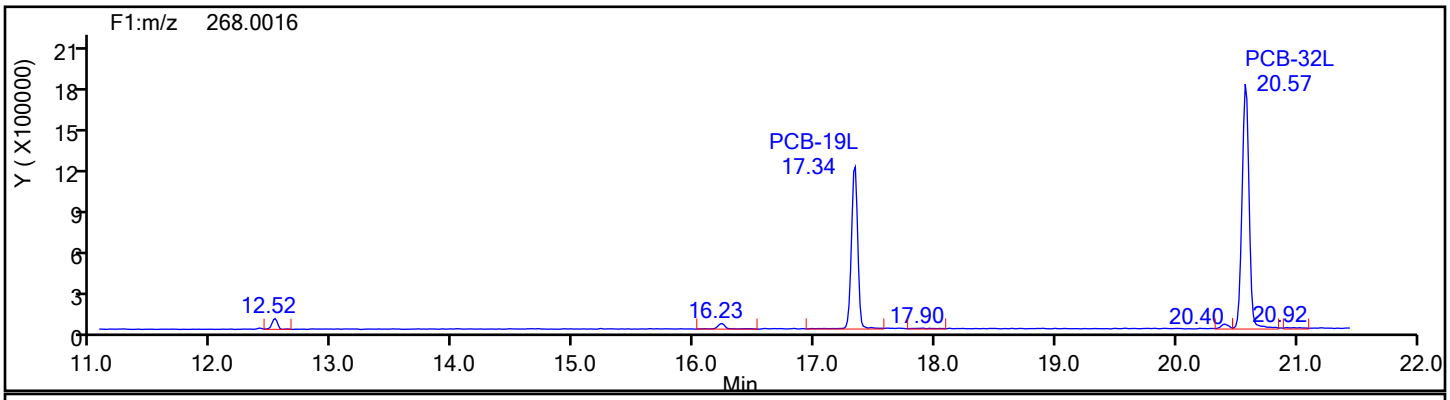
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

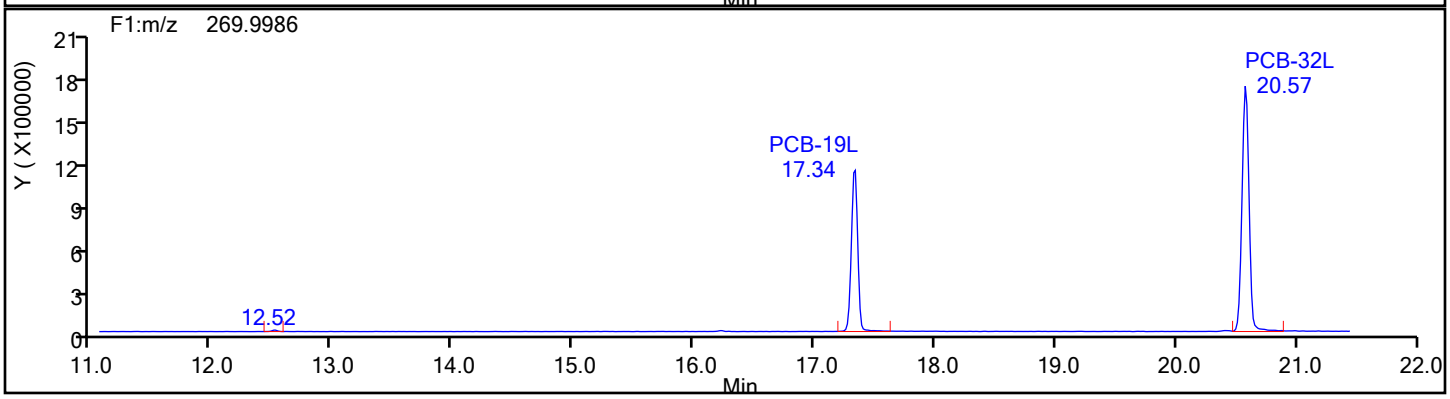
TriPCB F1





TriPCB F1 Standards



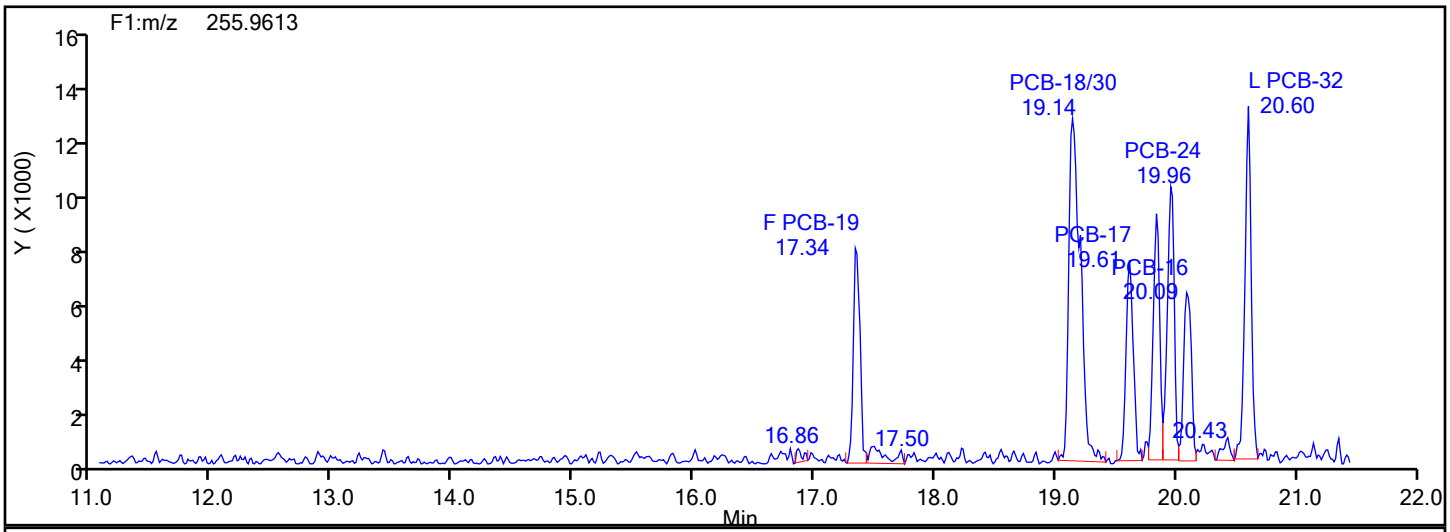


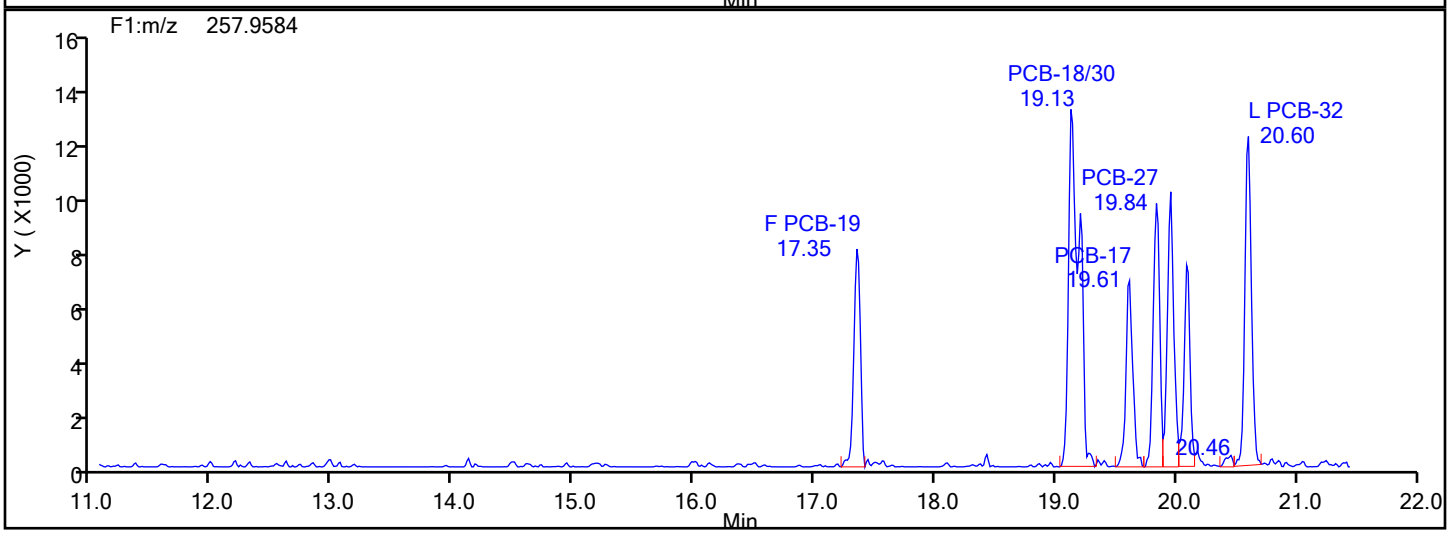
Report Date: 08-Oct-2021 19:10:37 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

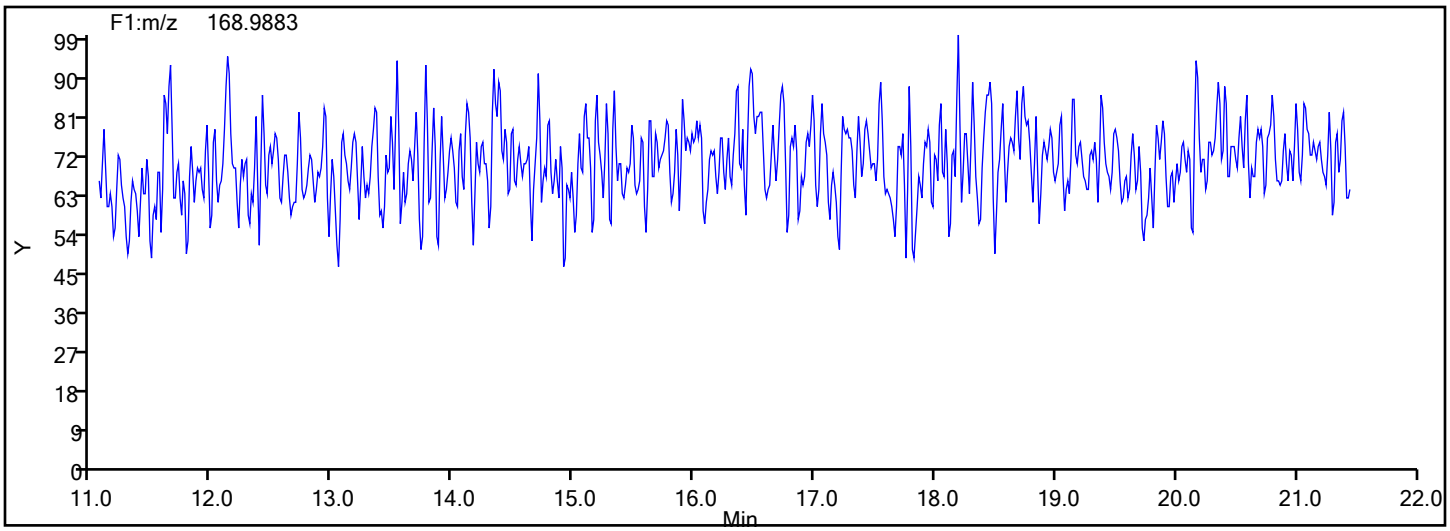
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

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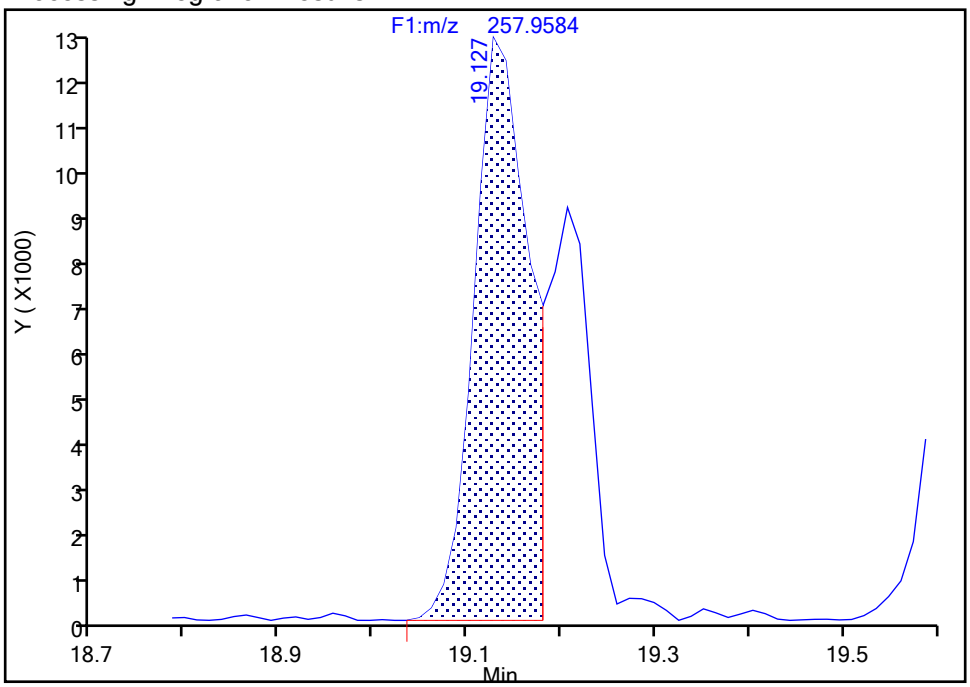
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-18/30, CAS: STL01798

Signal: 2

Processing Integration Results

RT: 19.13
Area: 50603
Amount: 0.918332
Amount Units: pg/ul



Manual Integration Results

RT: 19.13
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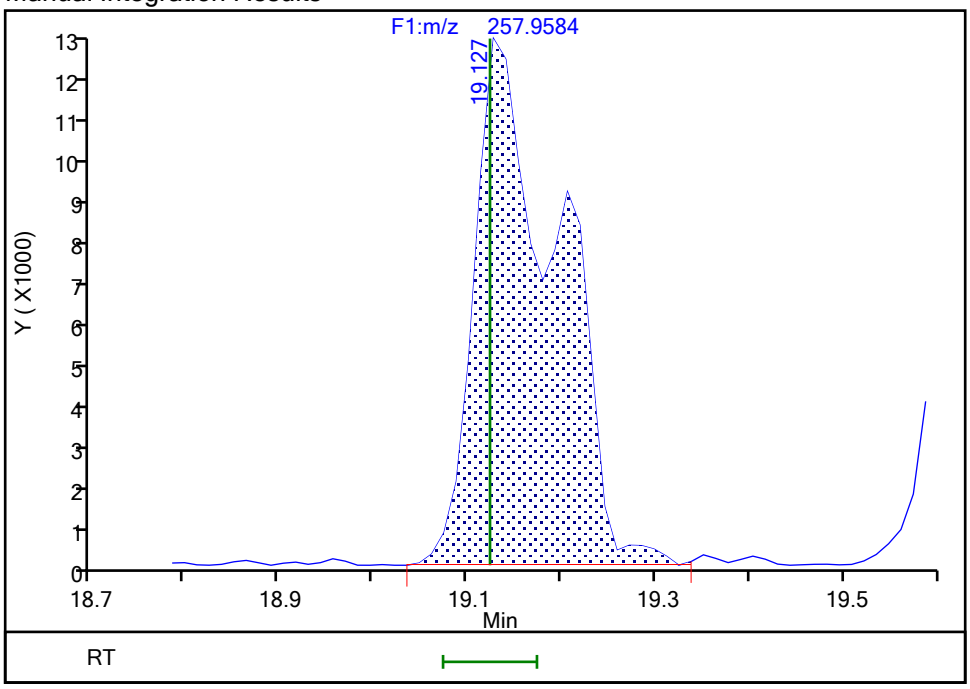
Amount: 1.025345
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:57:40

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

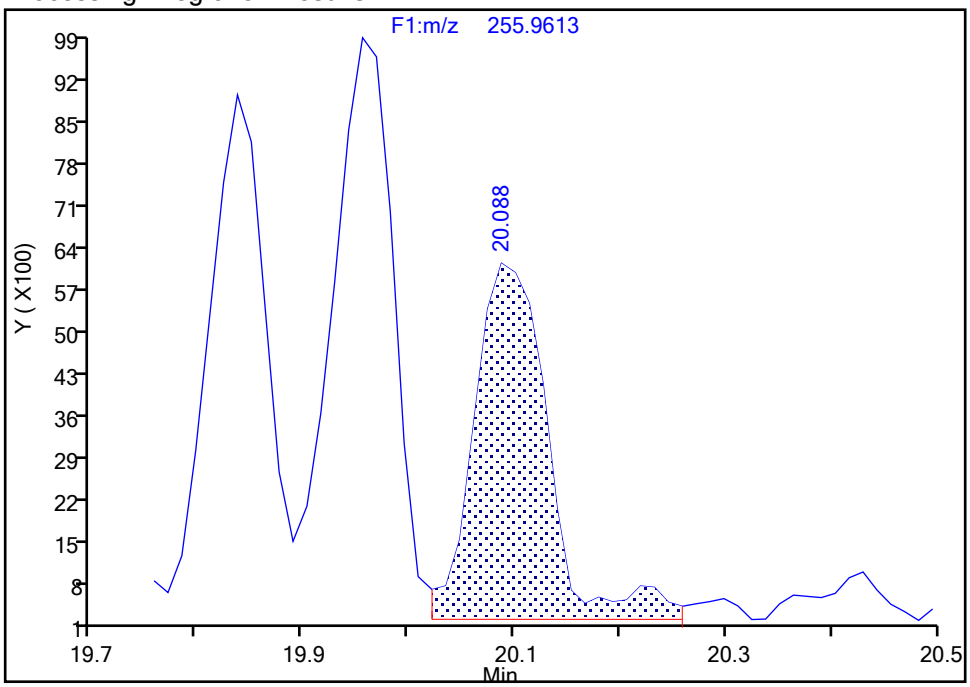
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-16, CAS: 38444-78-9

Signal: 1

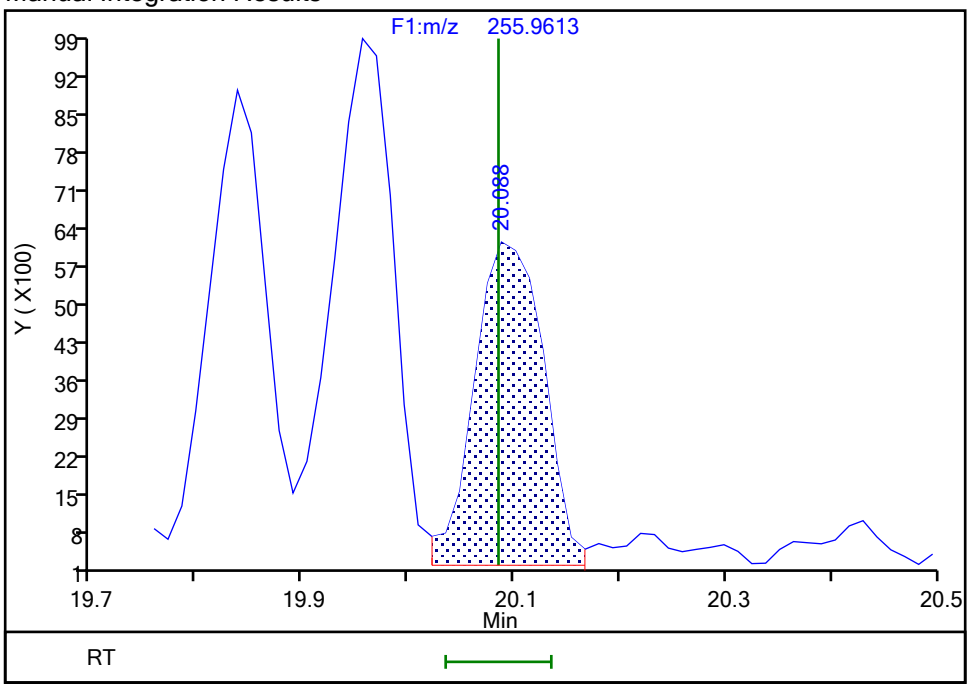
Processing Integration Results

RT: 20.09
Area: 28766
Amount: 0.521301
Amount Units: pg/ul



Manual Integration Results

RT: 20.09
Area: 27017
Amount: 0.500300
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:57:58

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

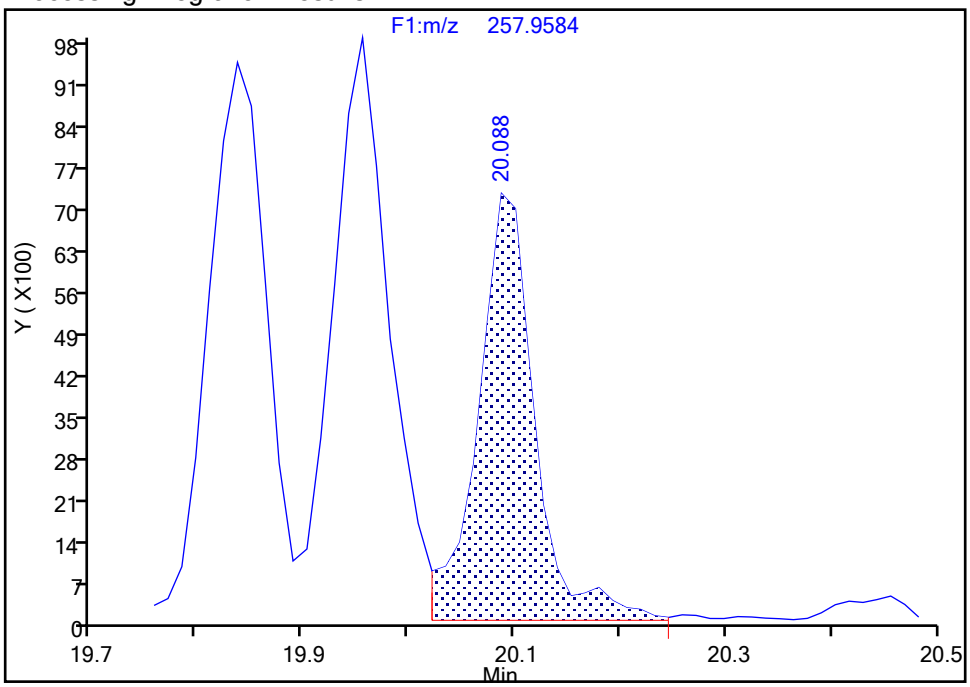
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-16, CAS: 38444-78-9

Signal: 2

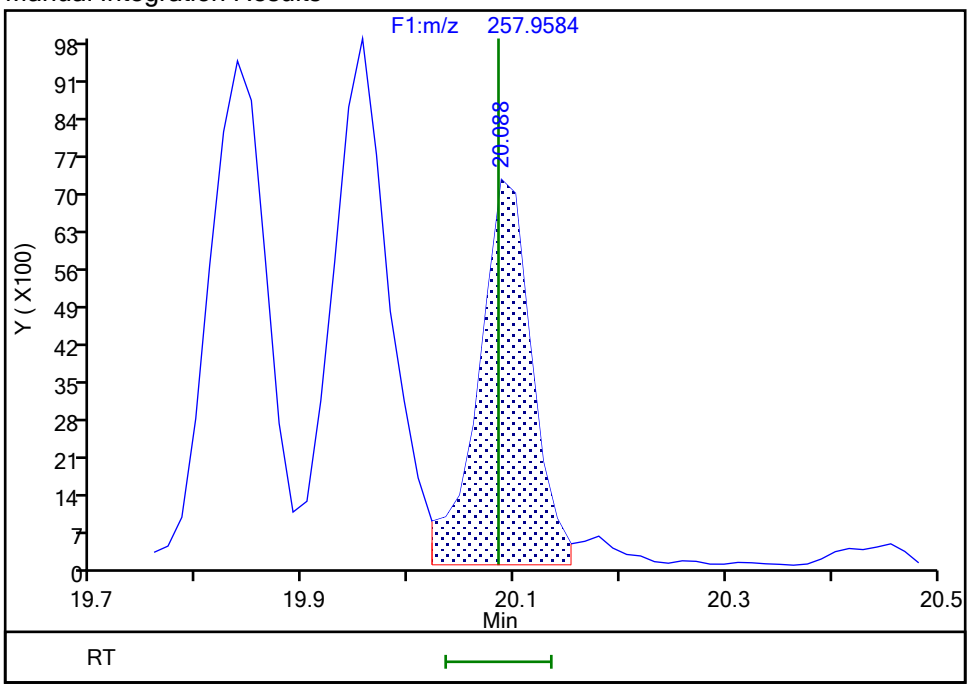
Processing Integration Results

RT: 20.09
Area: 26878
Amount: 0.521301
Amount Units: pg/ul



Manual Integration Results

RT: 20.09
Area: 25116
Amount: 0.500300
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:58:04
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

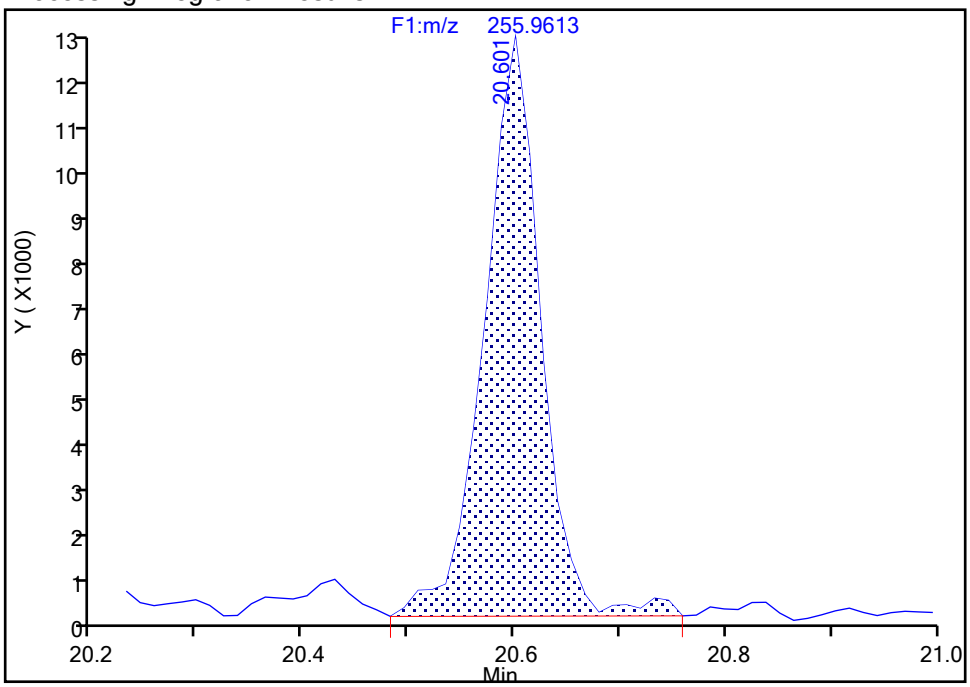
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-32, CAS: 38444-77-8

Signal: 1

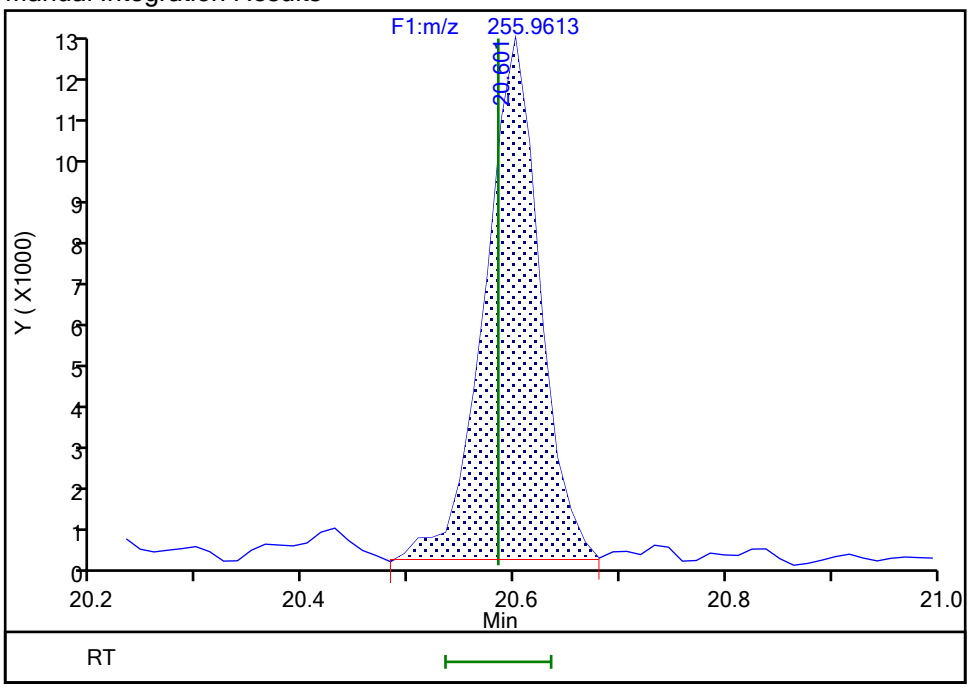
Processing Integration Results

RT: 20.60
Area: 46813
Amount: 0.538425
Amount Units: pg/ul



Manual Integration Results

RT: 20.60
Area: 45151
Amount: 0.526929
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:58:14

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

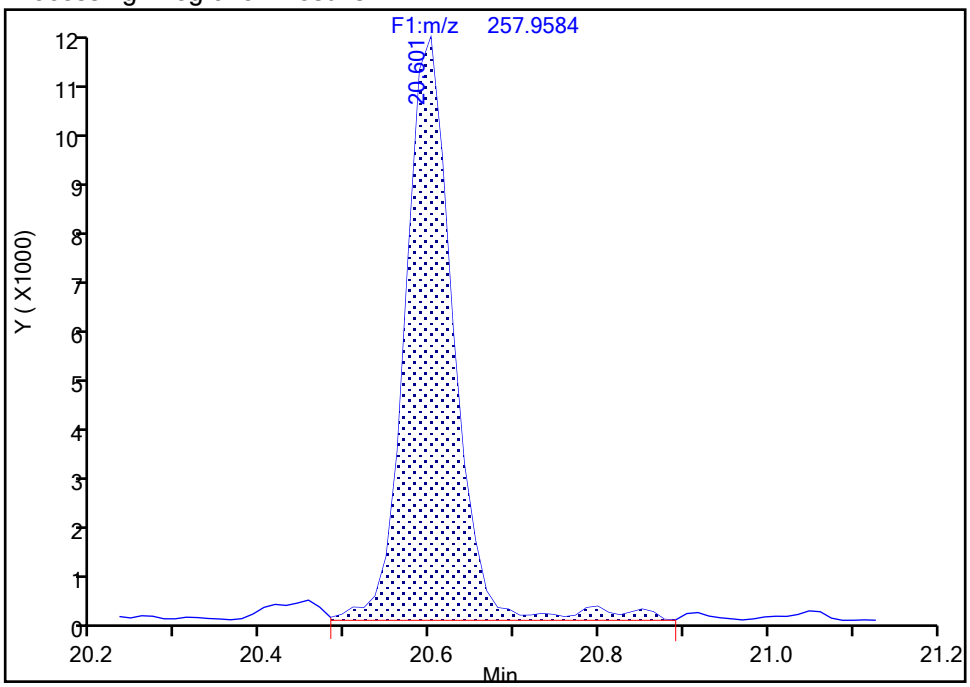
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-32, CAS: 38444-77-8

Signal: 2

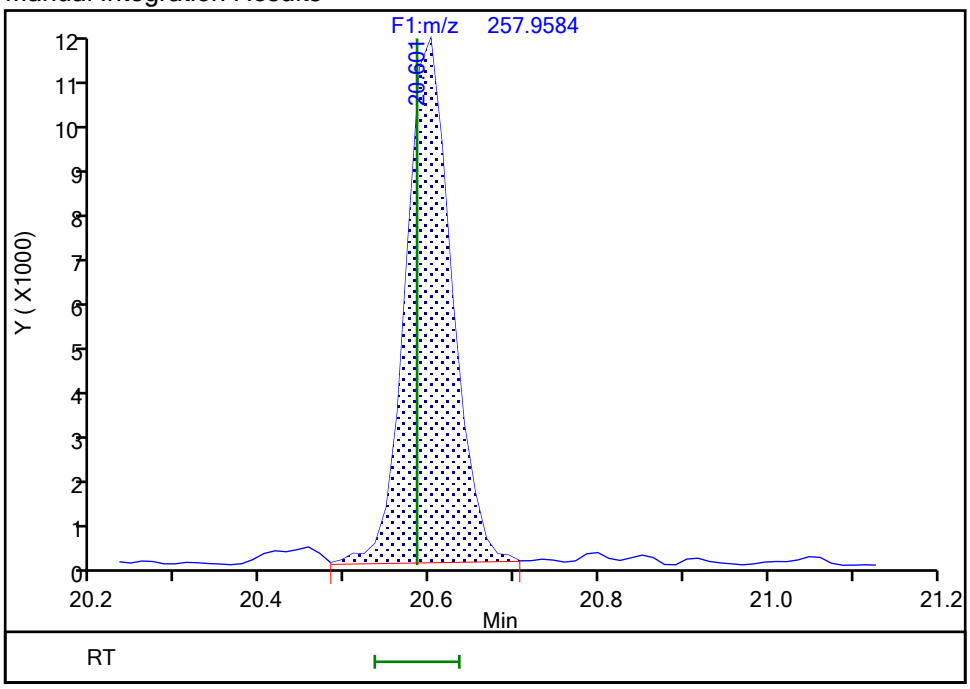
Processing Integration Results

RT: 20.60
Area: 47227
Amount: 0.538425
Amount Units: pg/ul



Manual Integration Results

RT: 20.60
Area: 44978
Amount: 0.526929
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:58:19
Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:10:38 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d

Injection Date: 08-Oct-2021 11:14:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

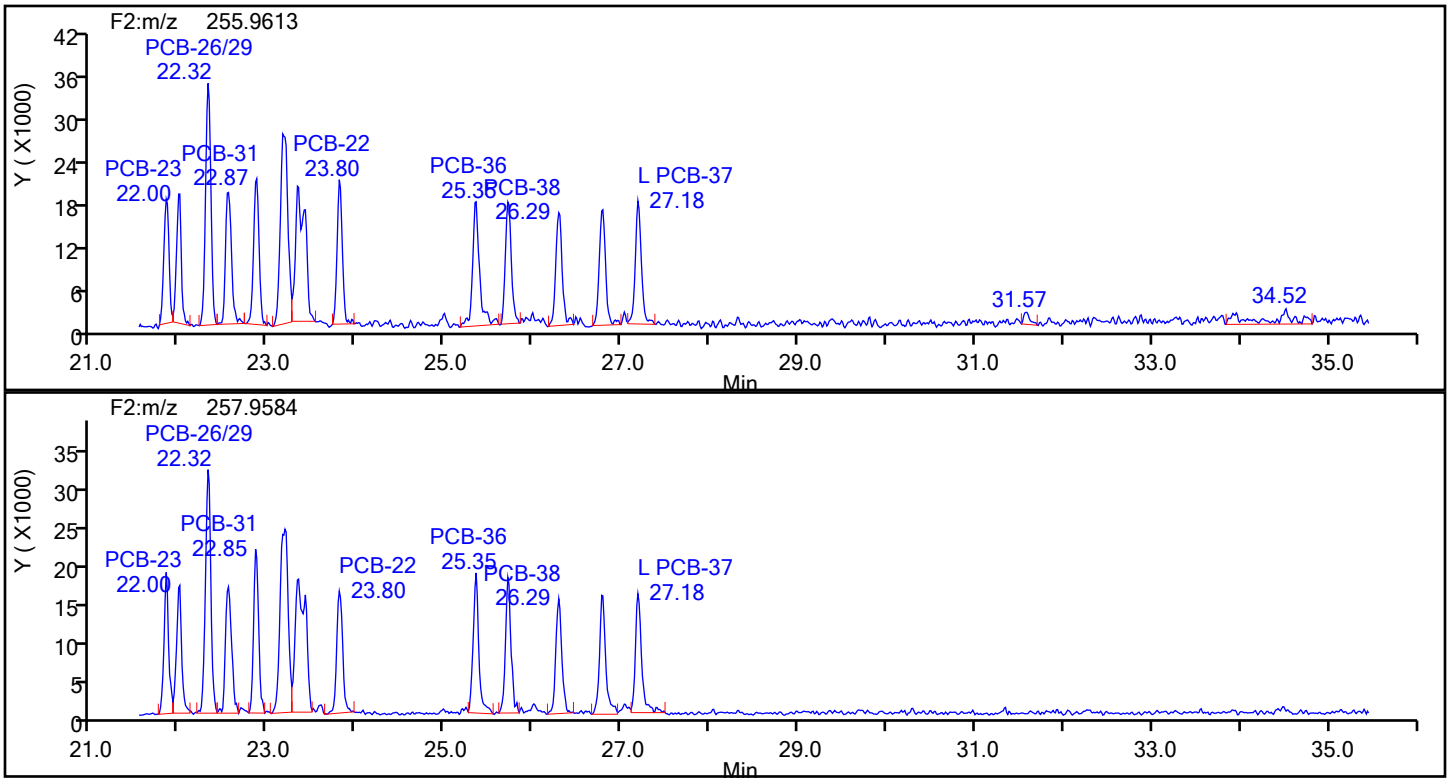
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

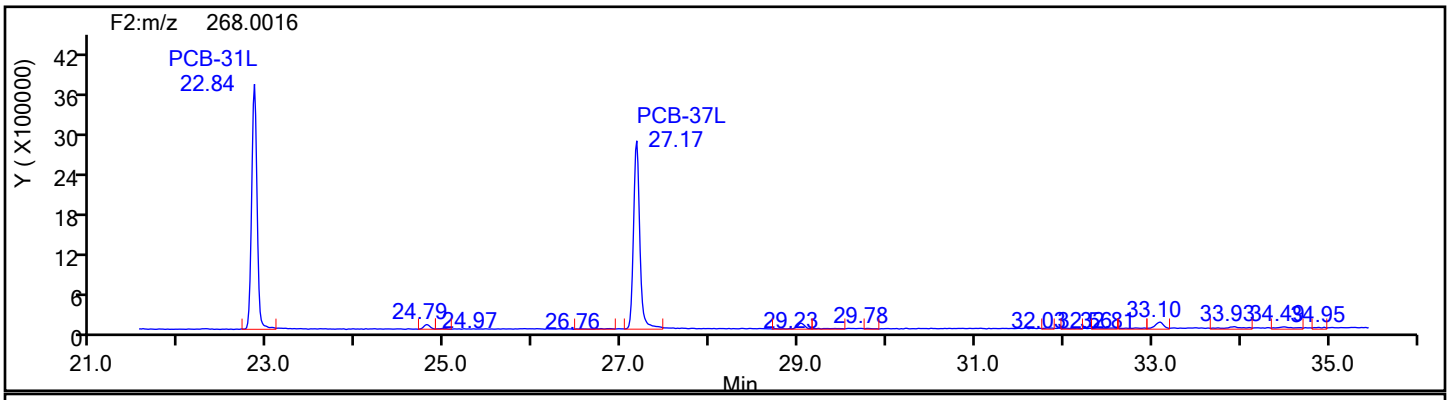
Worklist#: 54640 Sample Line#: 1

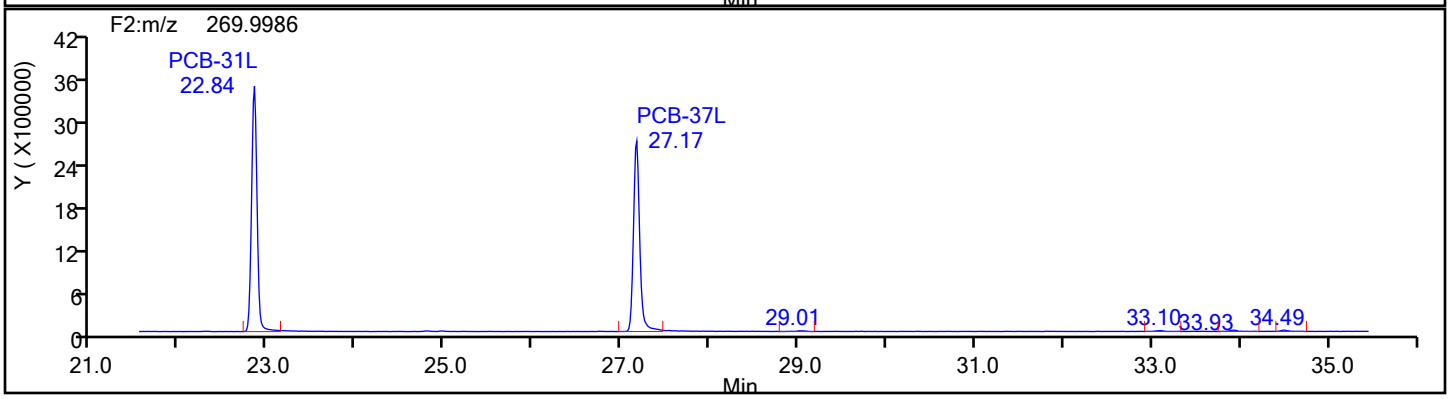
Column Type: Column Dia:

TriPCB F2



TriPCB F2 Standards



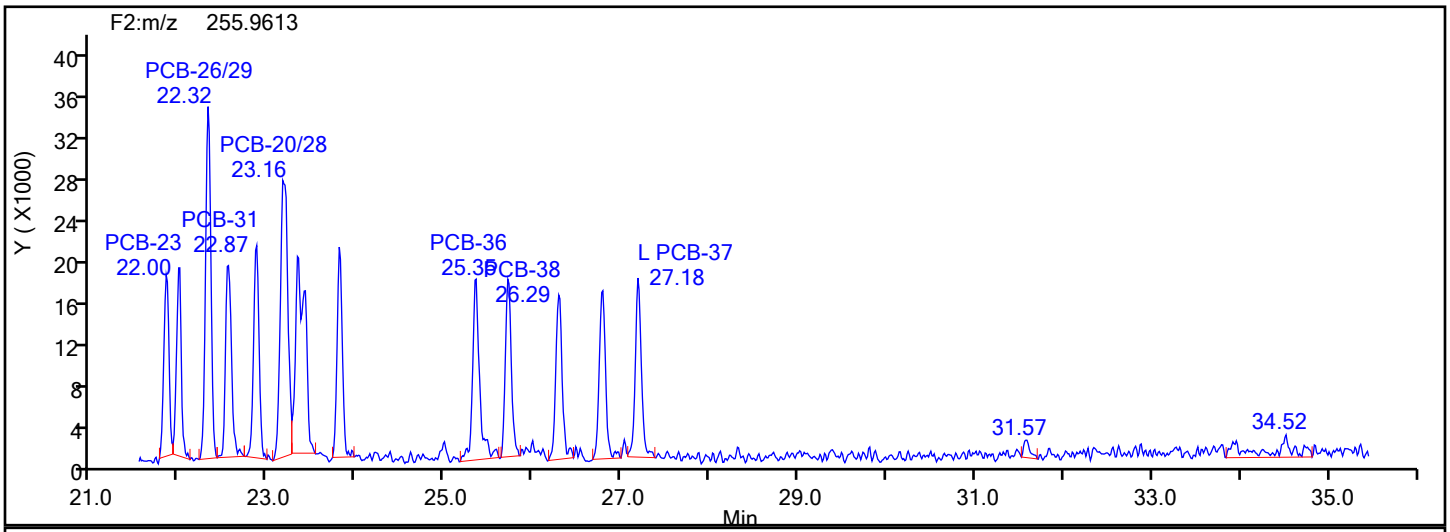


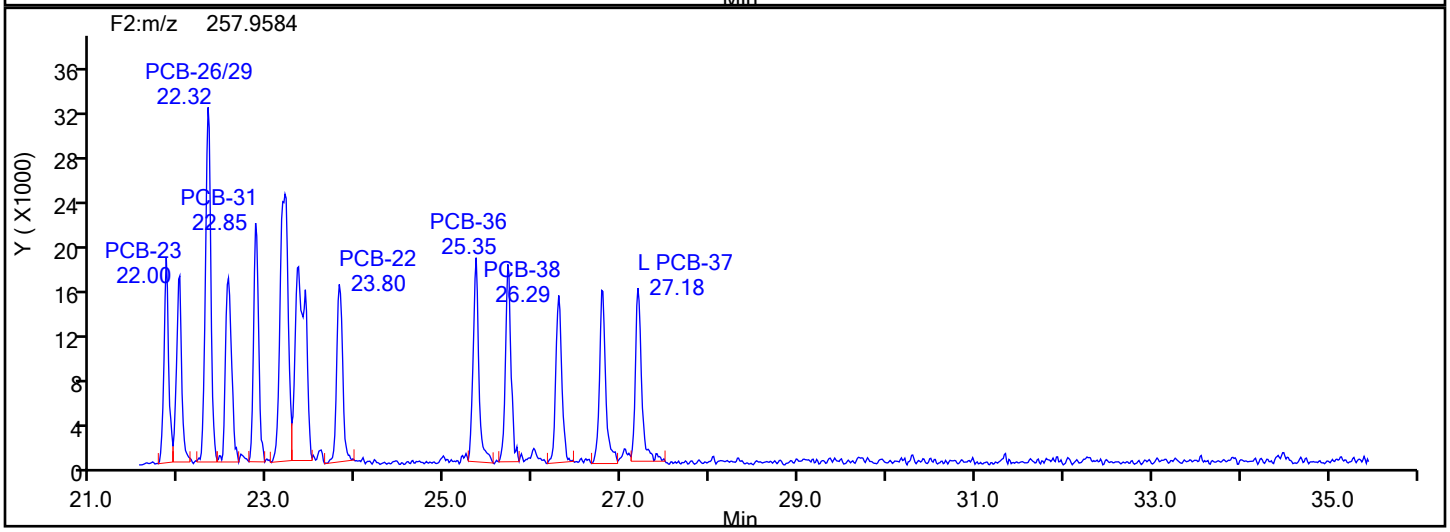
Report Date: 08-Oct-2021 19:10:38 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

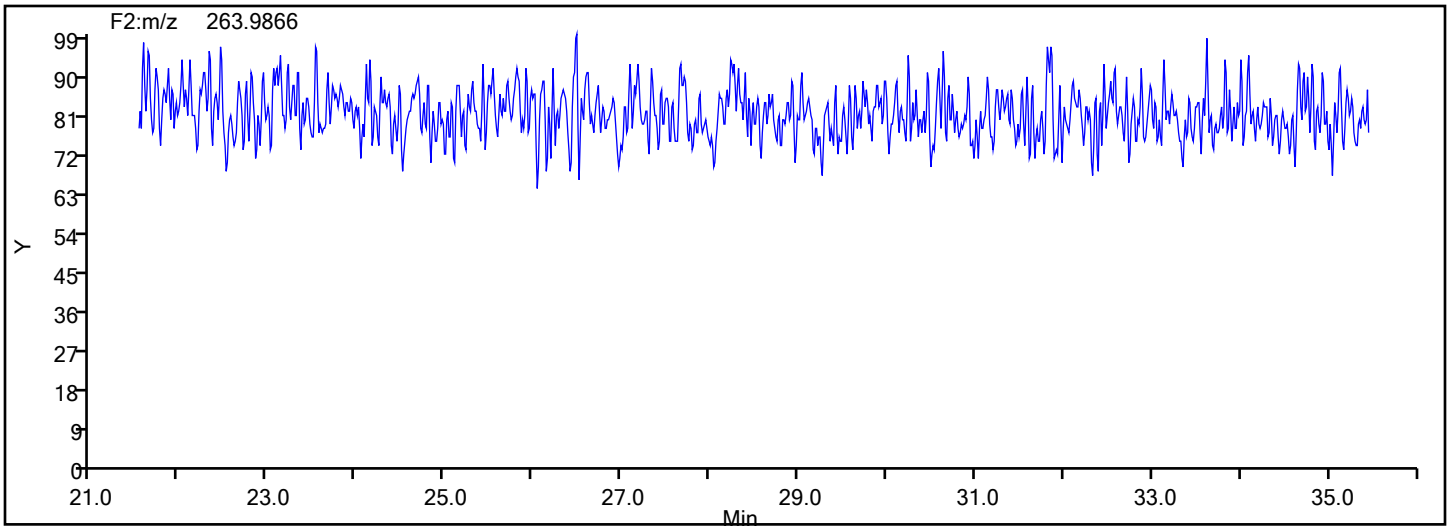
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

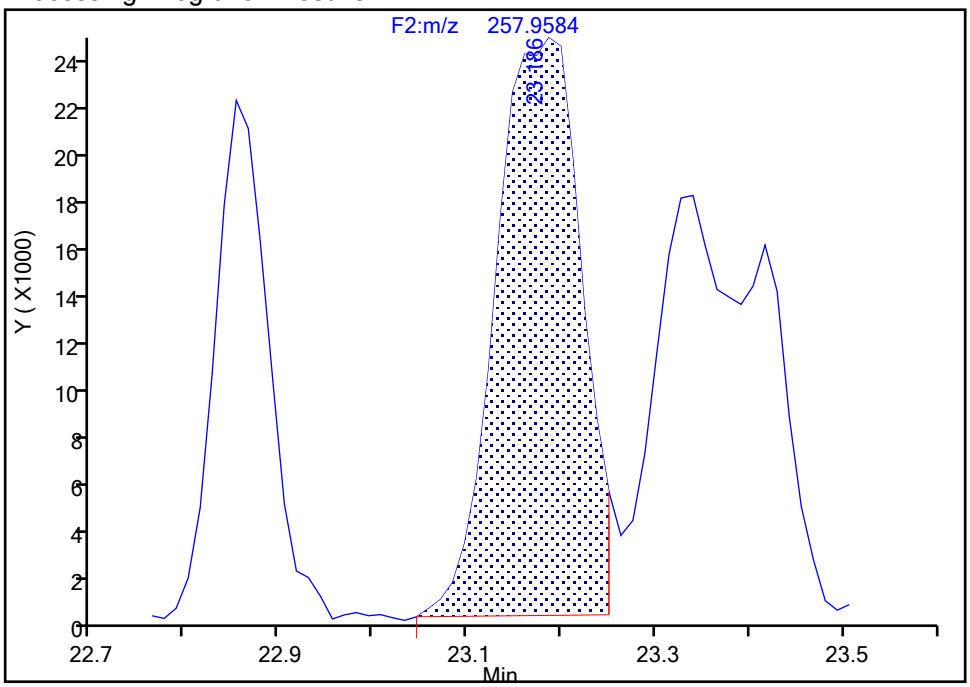
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-20/28, CAS: STL01799

Signal: 2

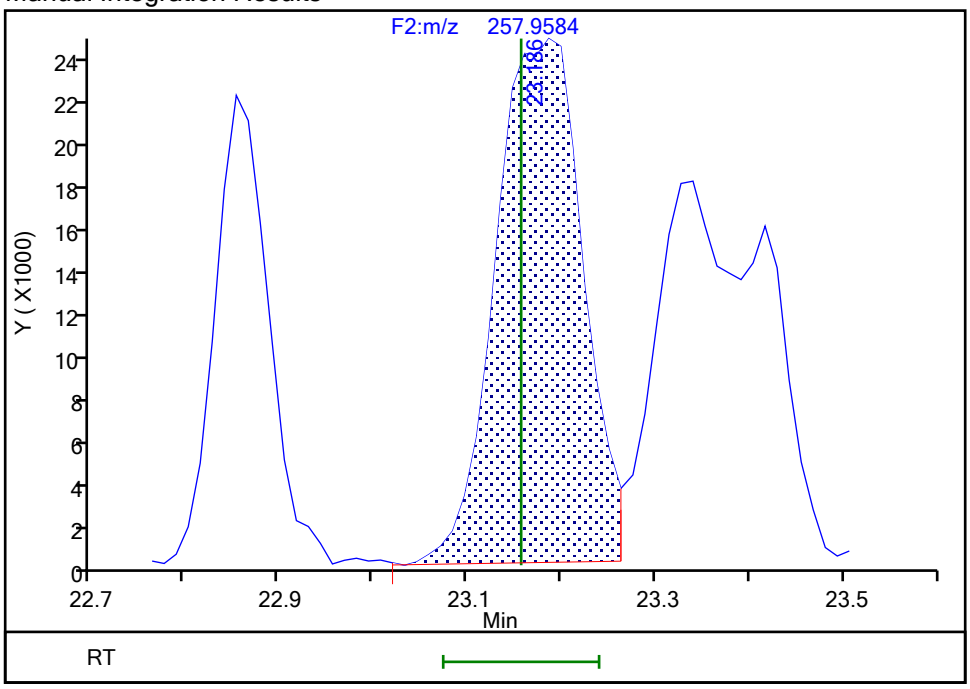
Processing Integration Results

RT: 23.19
Area: 149100
Amount: 1.011993
Amount Units: pg/ul



Manual Integration Results

RT: 23.19
Area: 153438
Amount: 1.022893
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:58:59

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

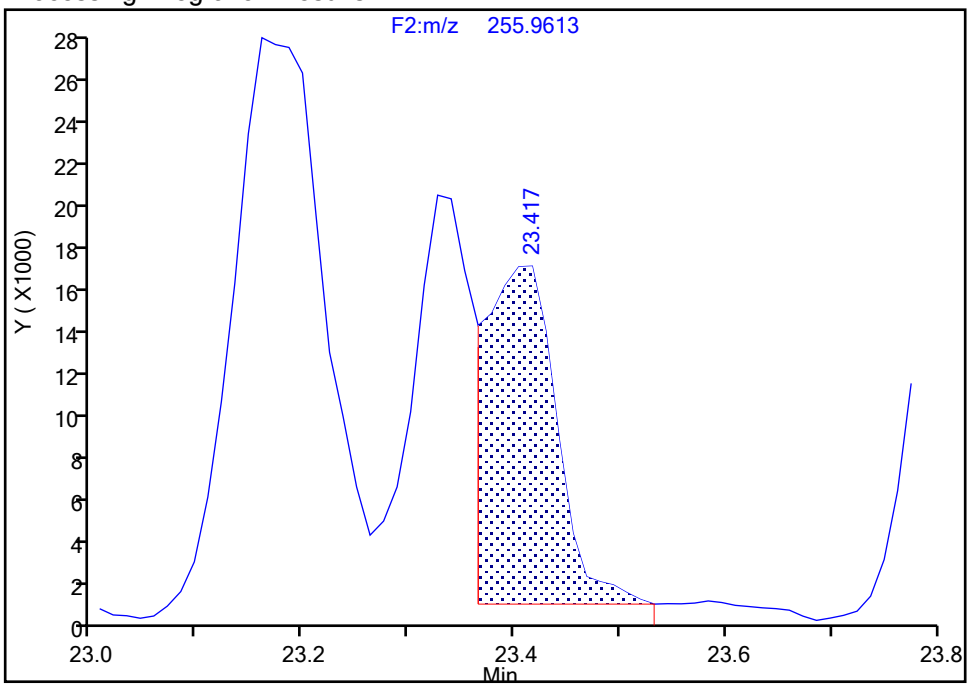
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-21/33, CAS: STL01800

Signal: 1

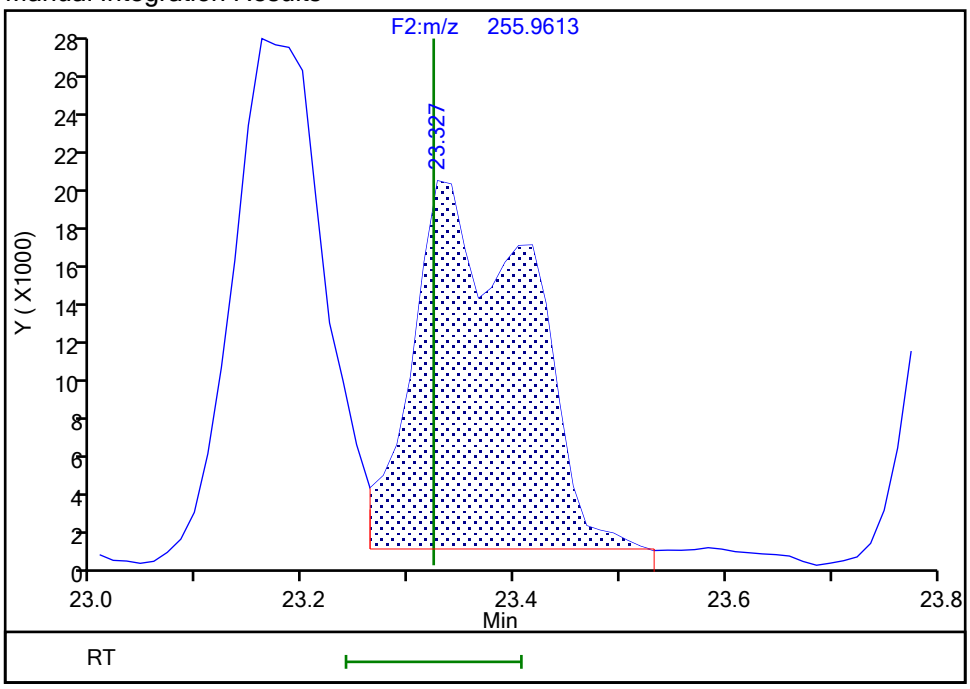
Processing Integration Results

RT: 23.42
Area: 72108
Amount: 0.588619
Amount Units: pg/ul



Manual Integration Results

RT: 23.33
Area: 143396
Amount: 0.921926
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:58:41

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

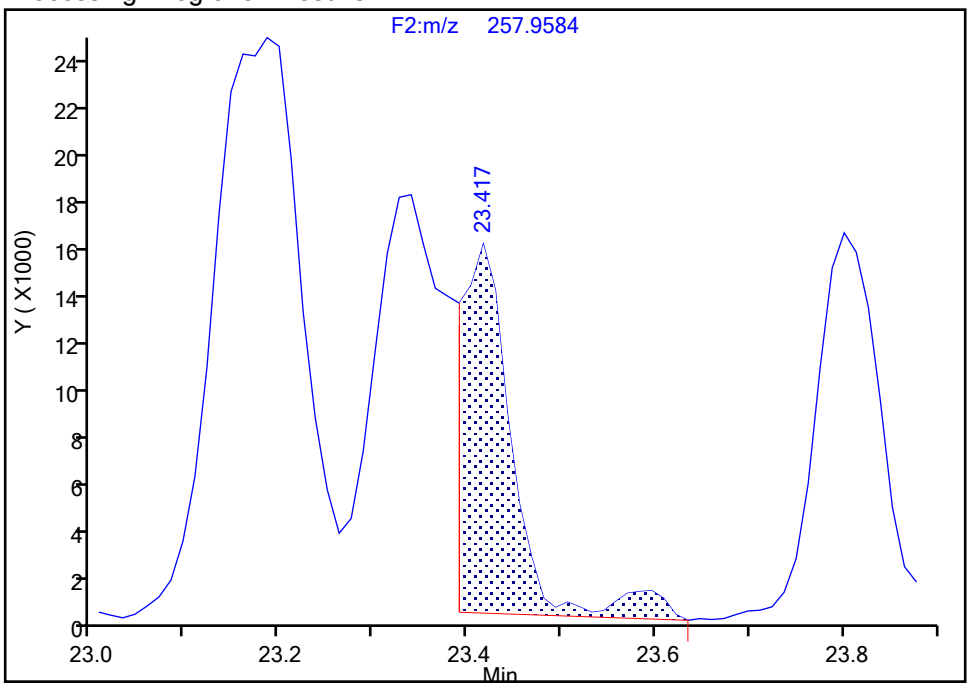
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 2

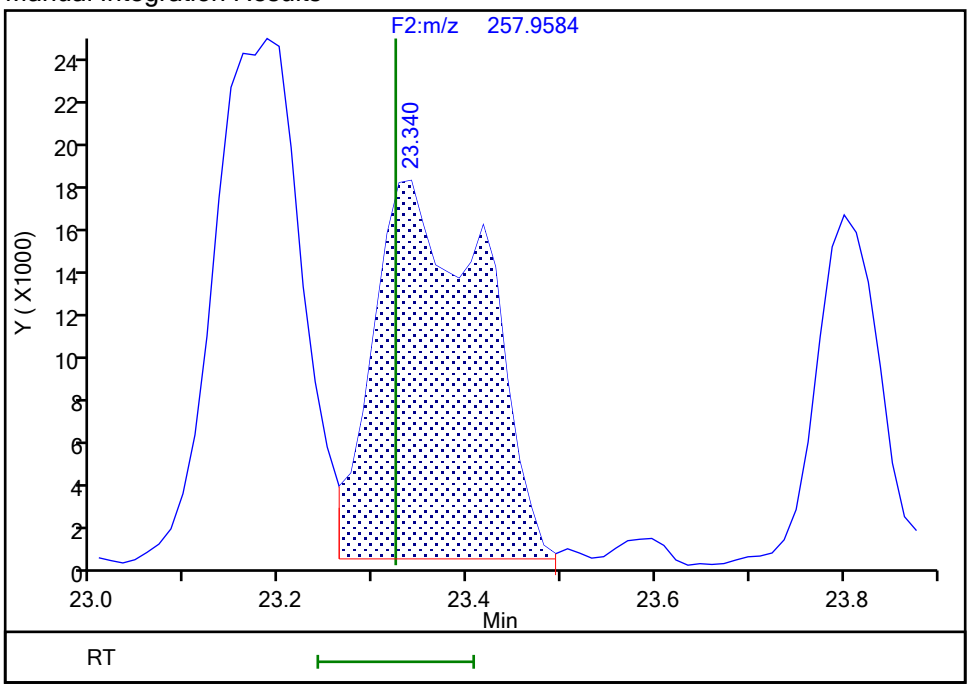
Processing Integration Results

RT: 23.42
Area: 54705
Amount: 0.588619
Amount Units: pg/ul



Manual Integration Results

RT: 23.34
Area: 141952
Amount: 0.921926
Amount Units: pg/ul



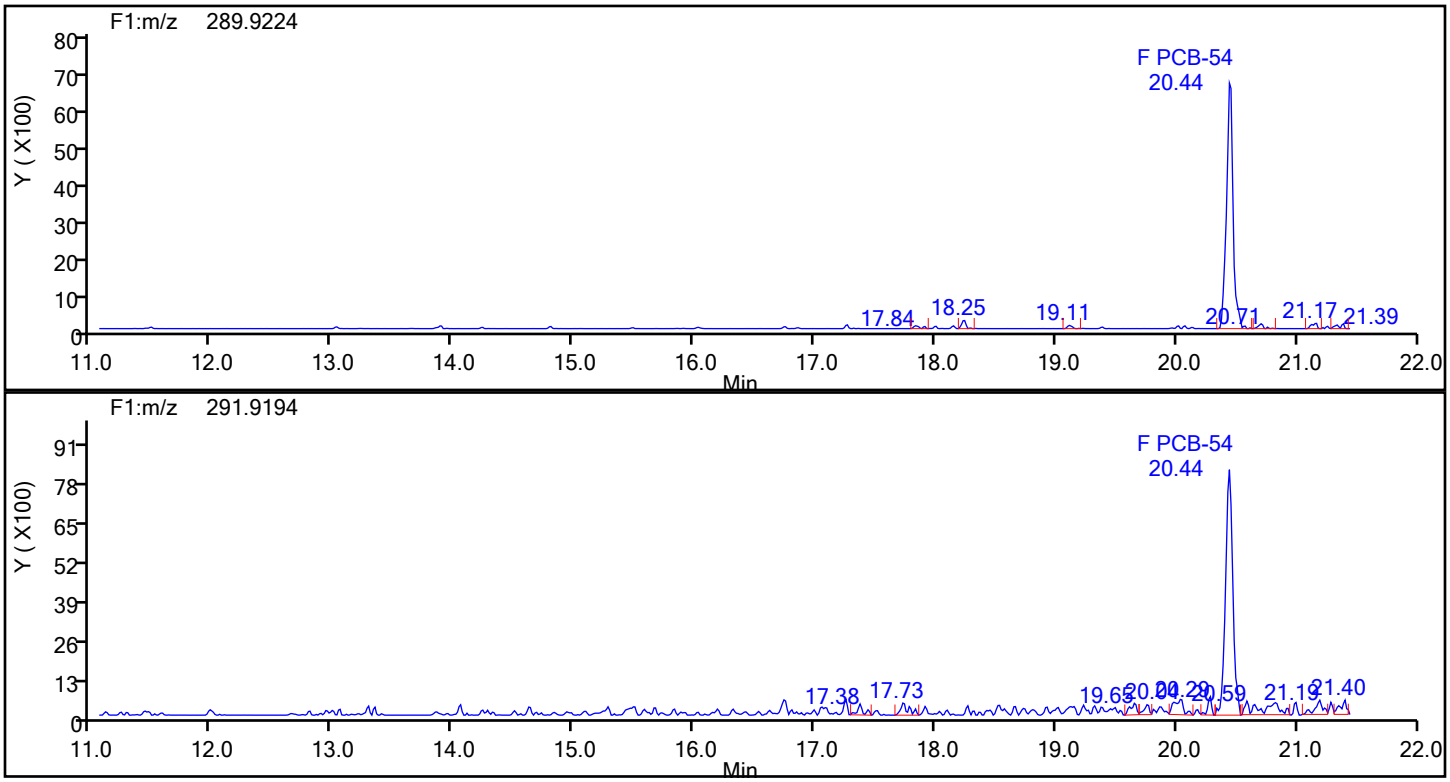
Reviewer: nordquistj, 08-Oct-2021 13:58:47
Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:10:38 Chrom Revision: 2.3 22-Sep-2021 15:38:46

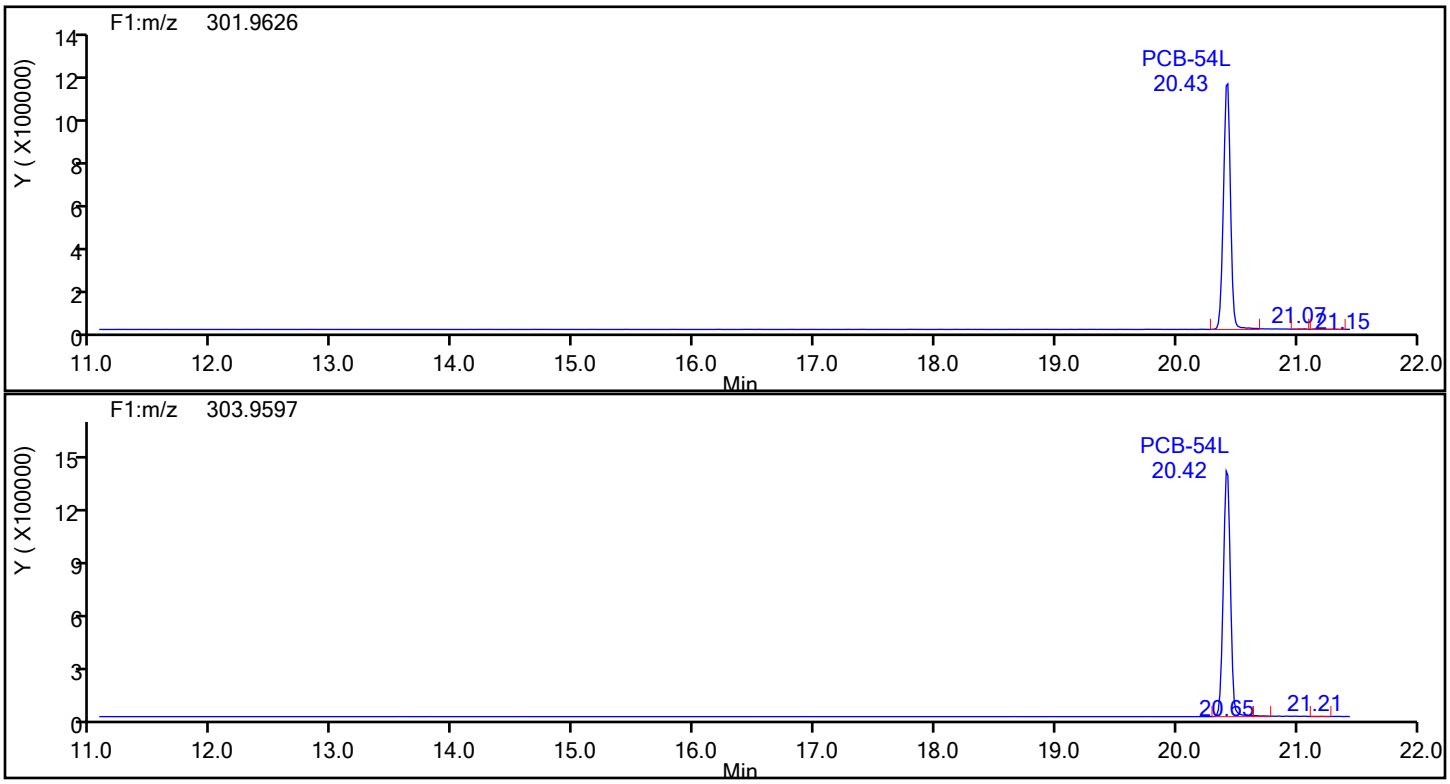
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

TePCB F1



TePCB F1 Standards

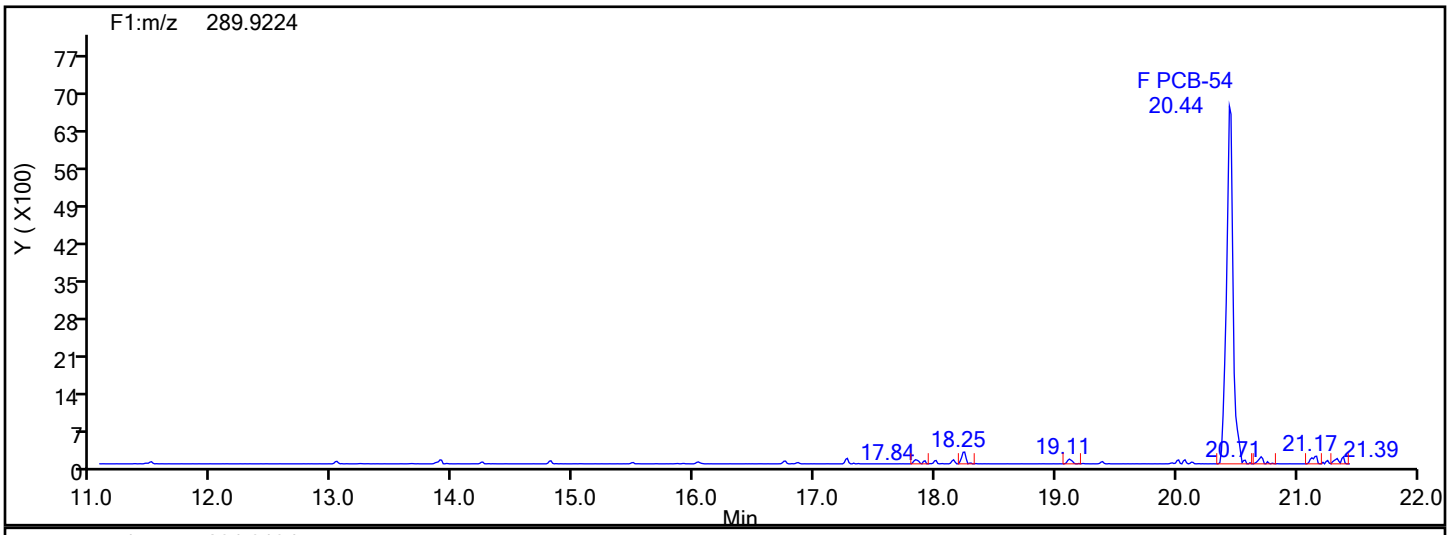


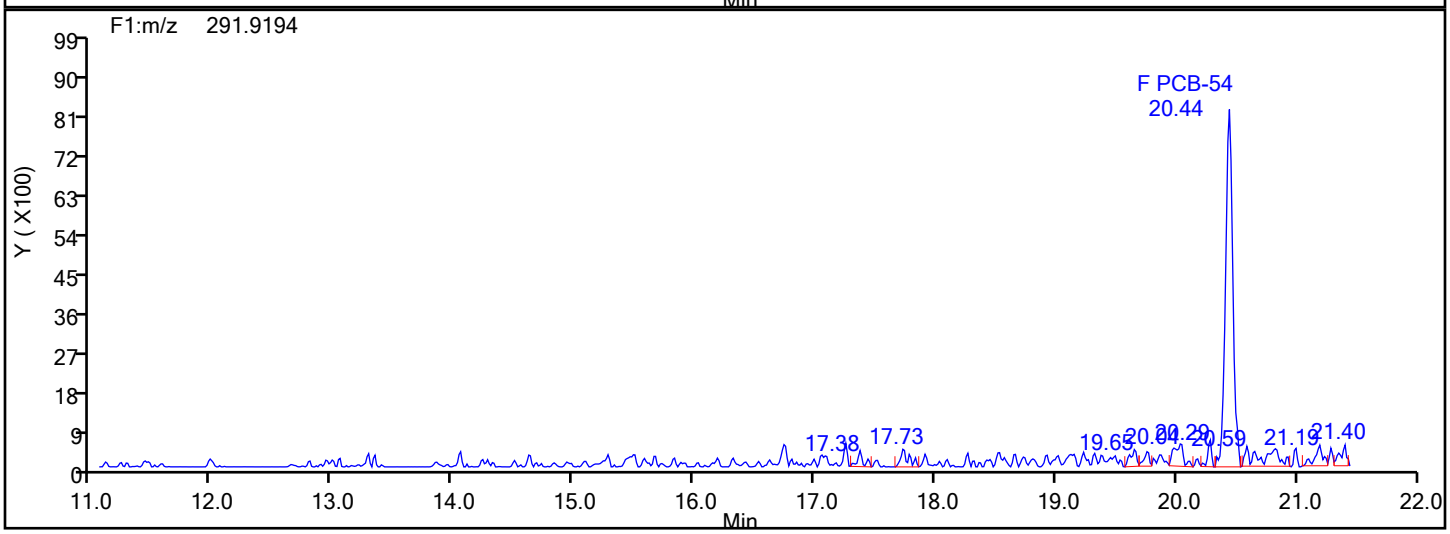
Report Date: 08-Oct-2021 19:10:38 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

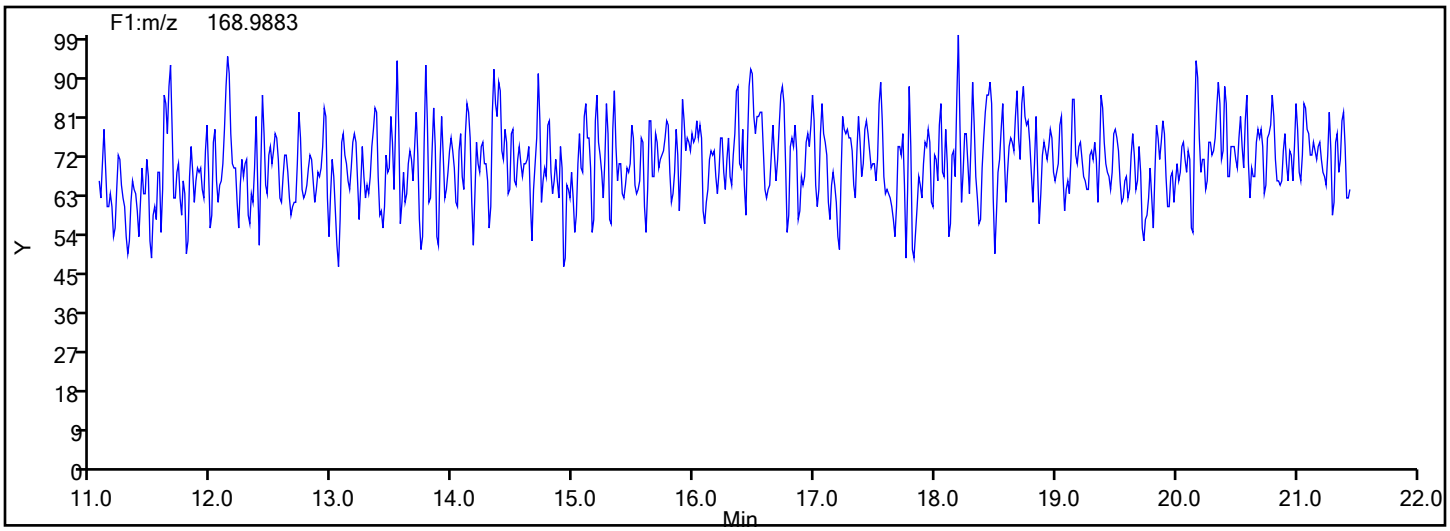
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass

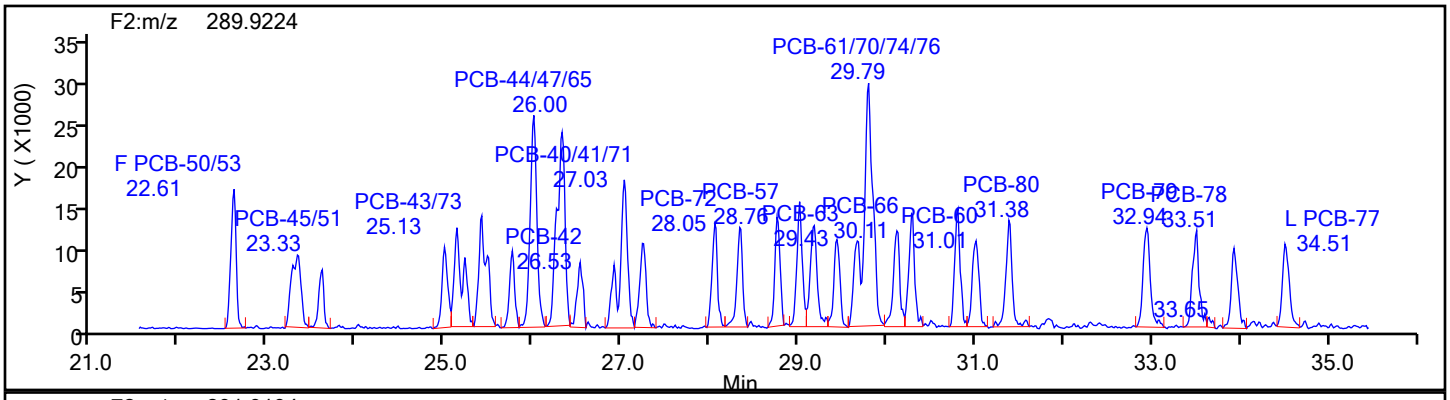


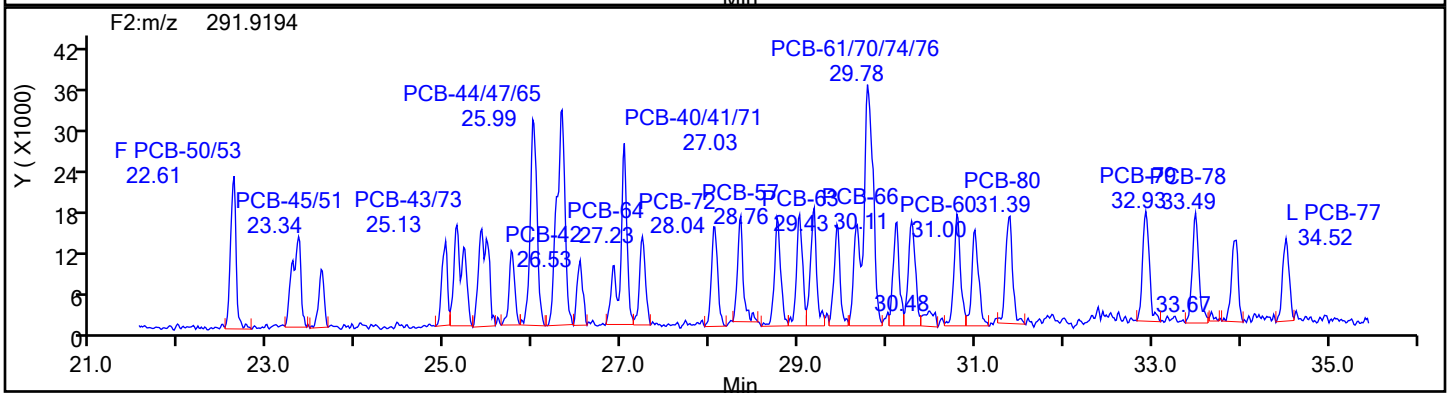
Report Date: 08-Oct-2021 19:10:38 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

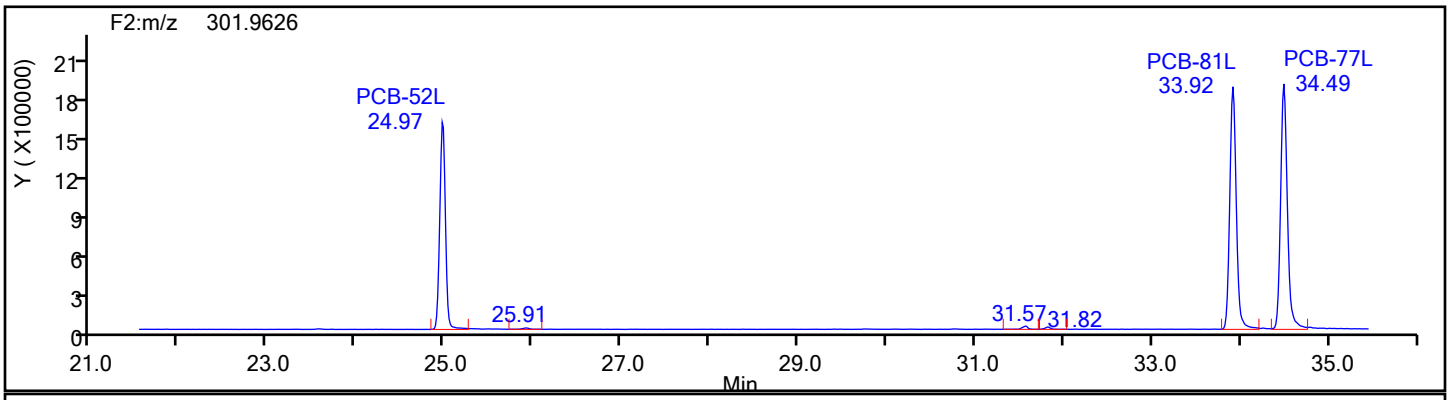
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

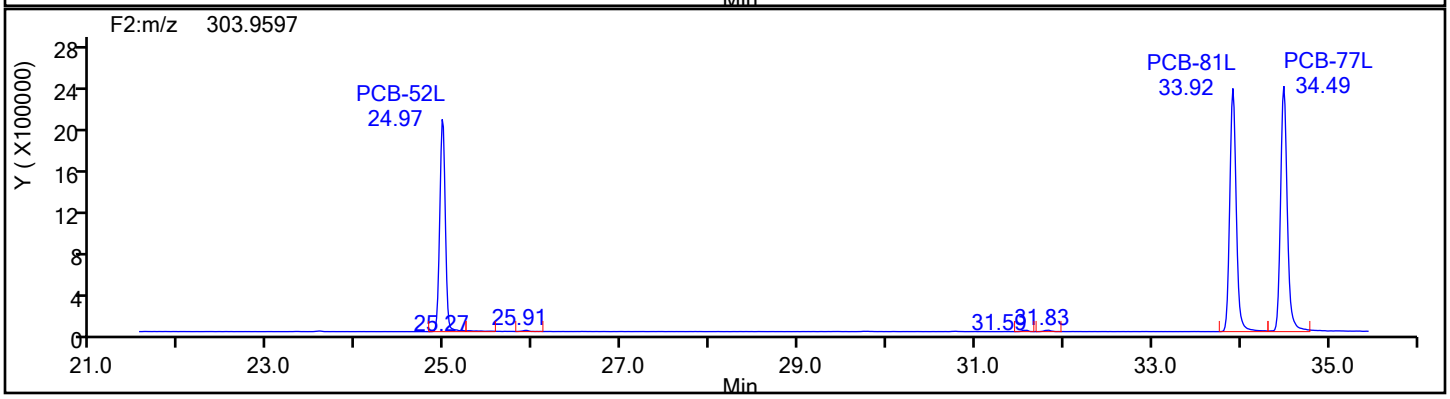
TePCB F2





TePCB F2 Standards



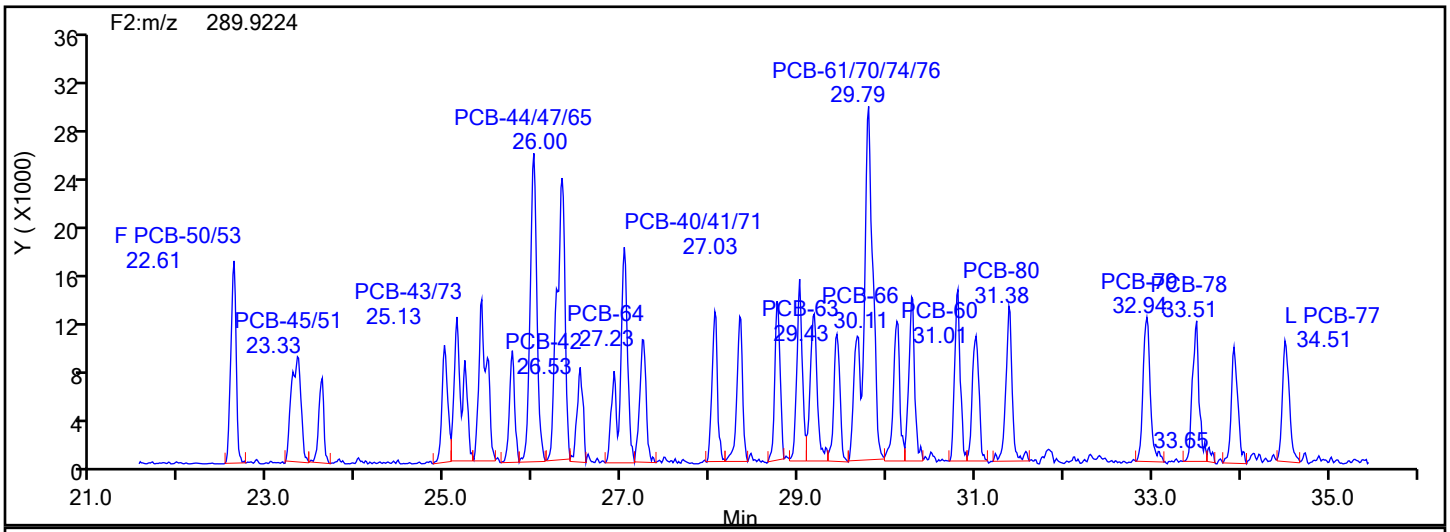


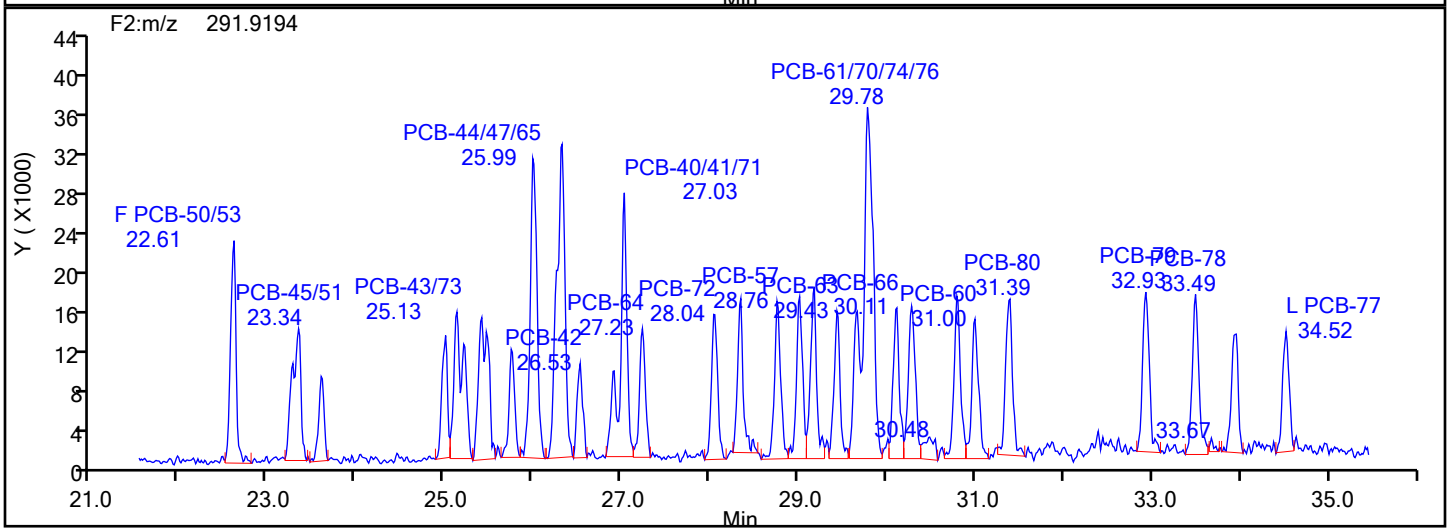
Report Date: 08-Oct-2021 19:10:38 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

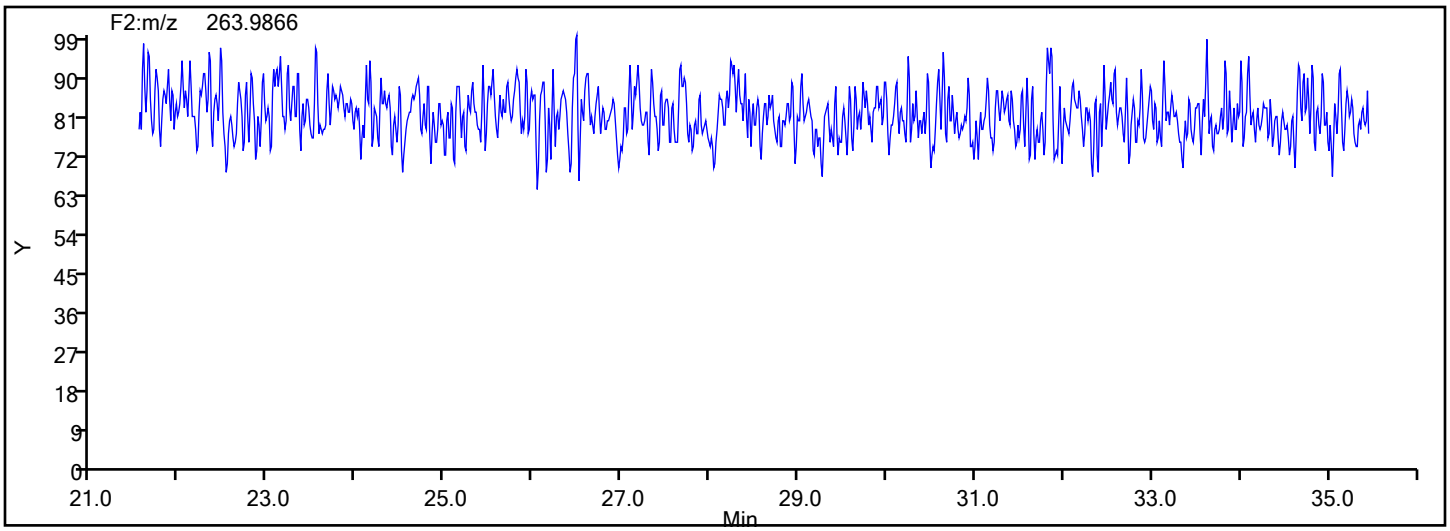
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

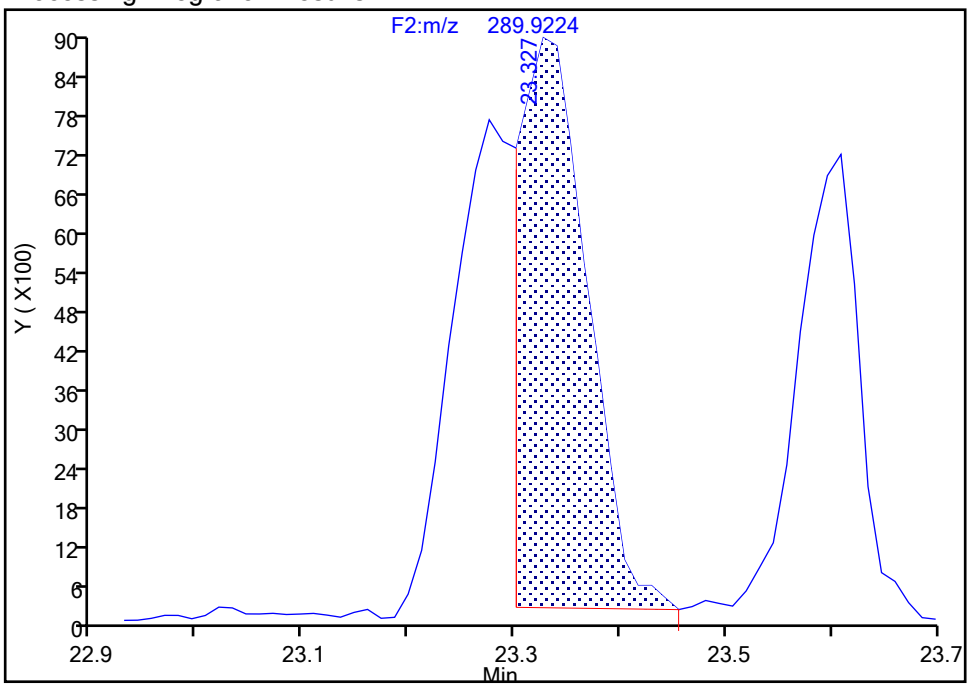
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 1

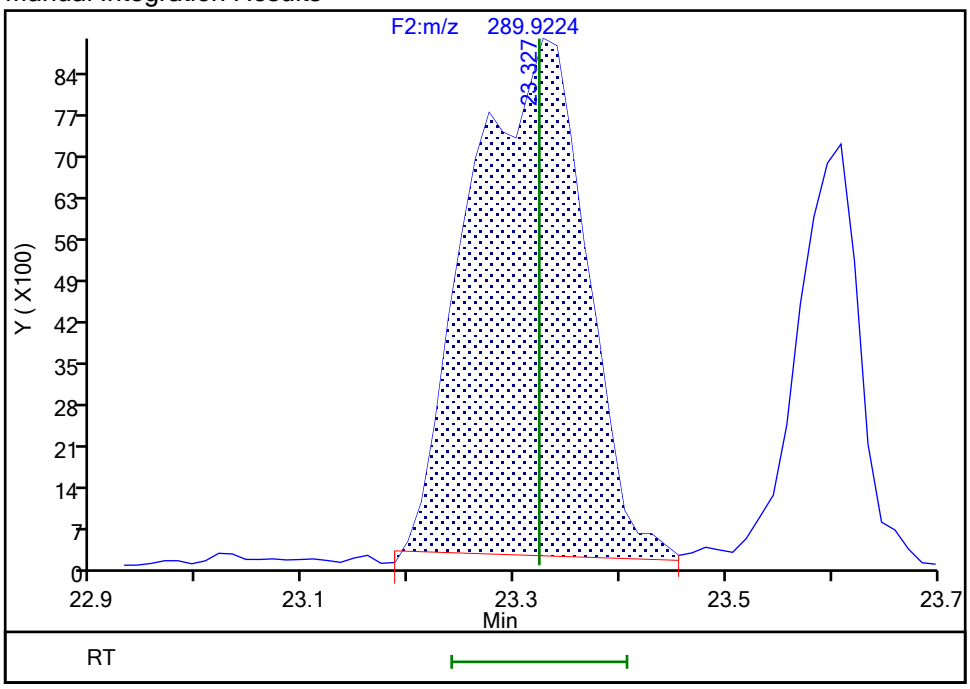
Processing Integration Results

RT: 23.33
Area: 37539
Amount: 0.781530
Amount Units: pg/ul



Manual Integration Results

RT: 23.33
Area: 66769
Amount: 1.002459
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:59:21

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

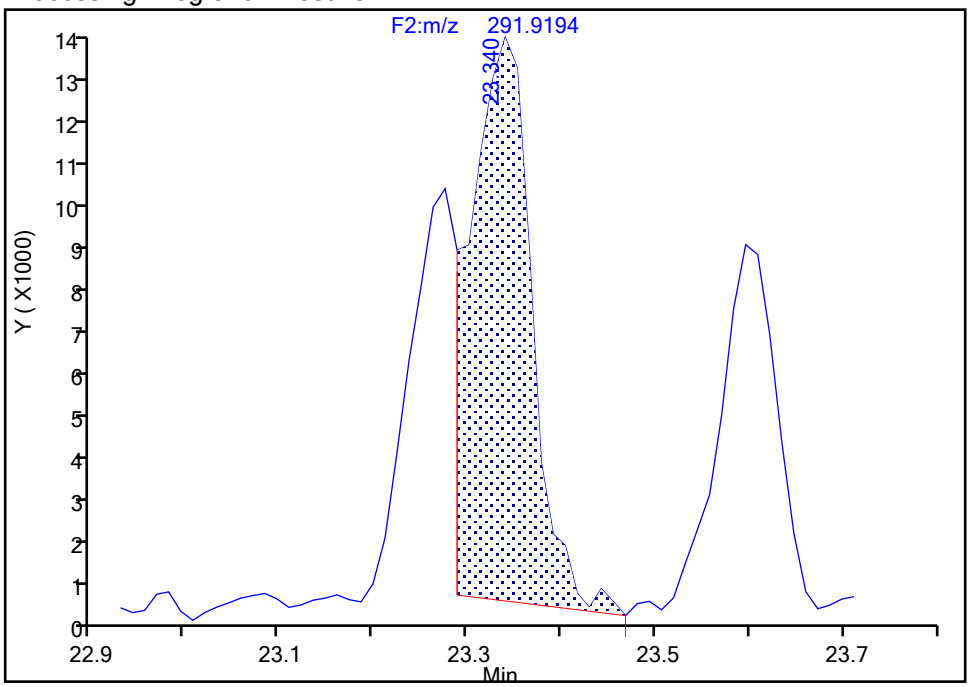
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-45/51, CAS: STL01804

Signal: 2

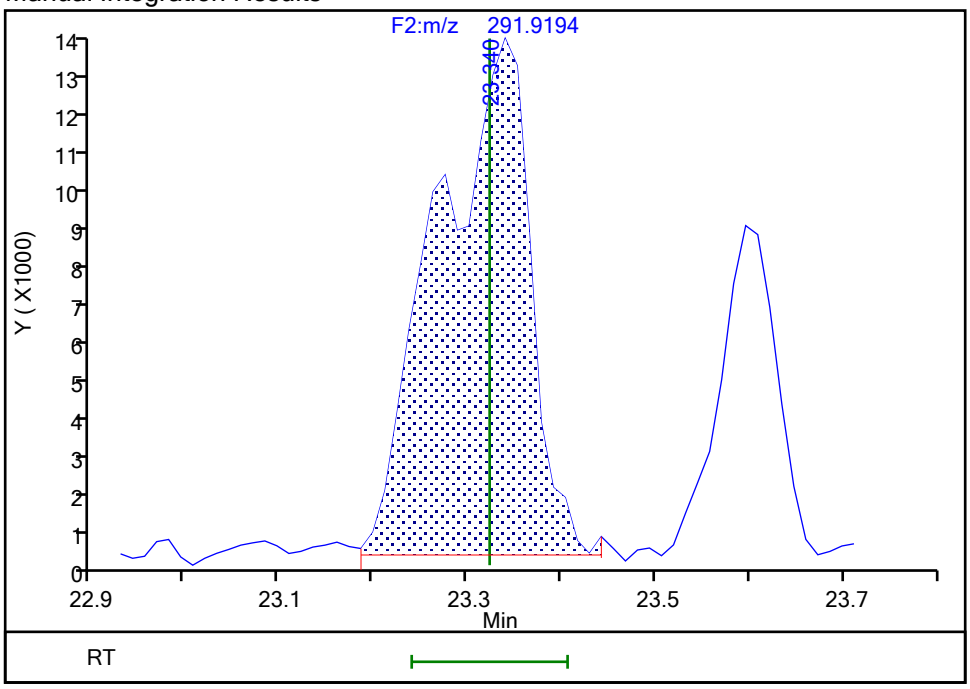
Processing Integration Results

RT: 23.34
Area: 58312
Amount: 0.781530
Amount Units: pg/ul



Manual Integration Results

RT: 23.34
Area: 91516
Amount: 1.002459
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:59:30
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

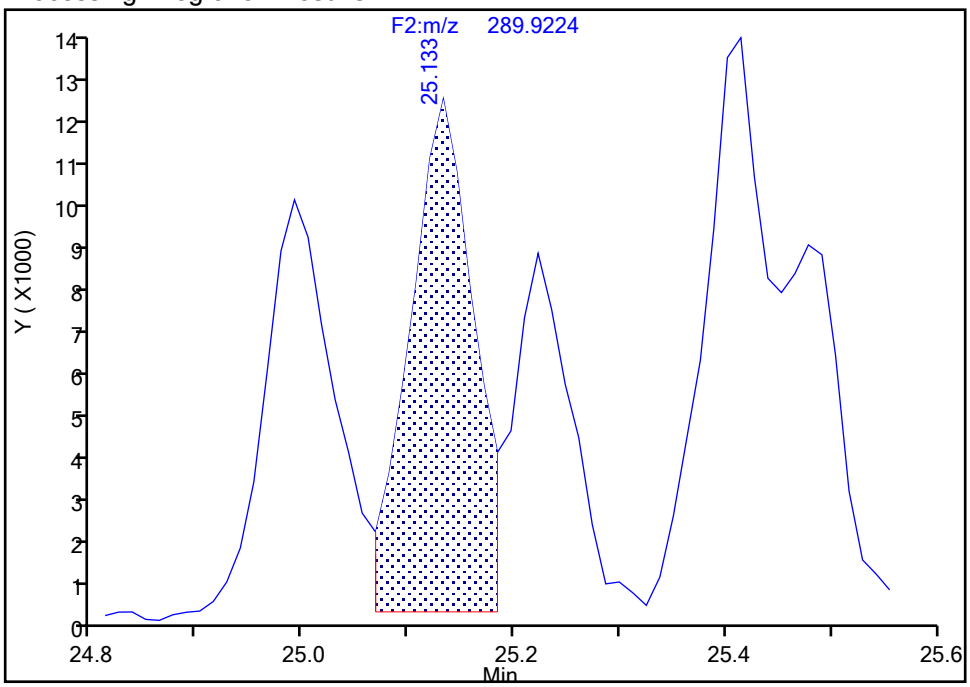
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-43/73, CAS: STL02293

Signal: 1

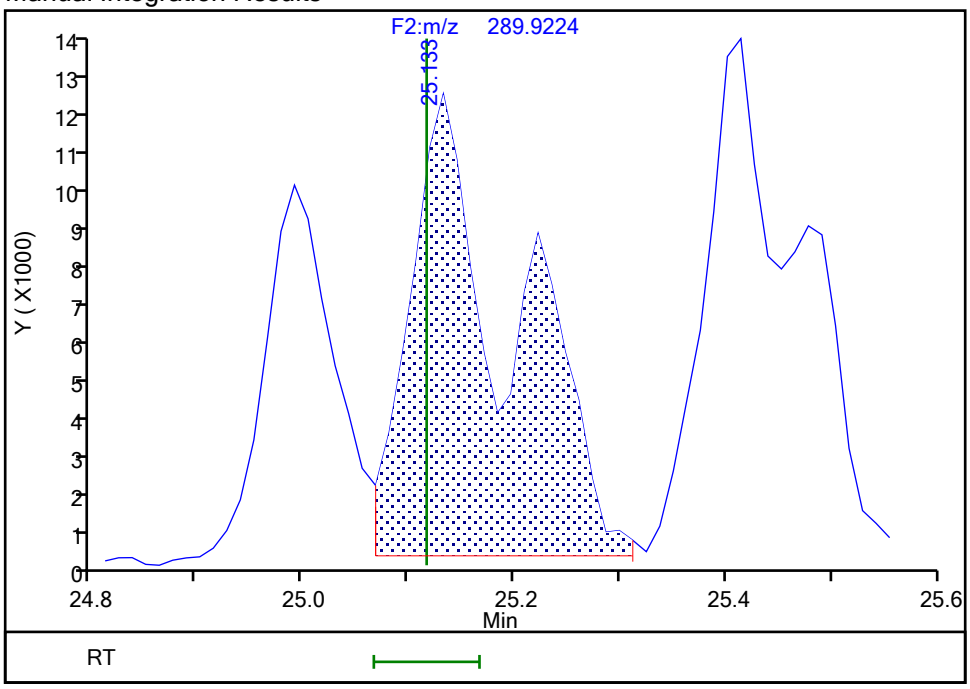
Processing Integration Results

RT: 25.13
Area: 50021
Amount: 0.738666
Amount Units: pg/ul



Manual Integration Results

RT: 25.13
Area: 81417
Amount: 0.970613
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:59:40

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

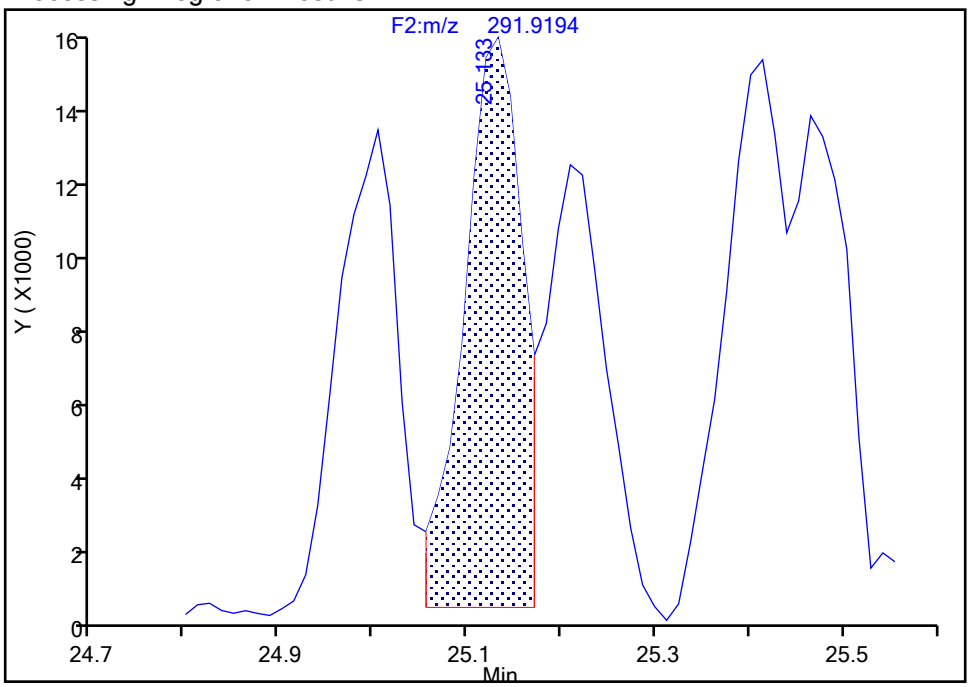
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 2

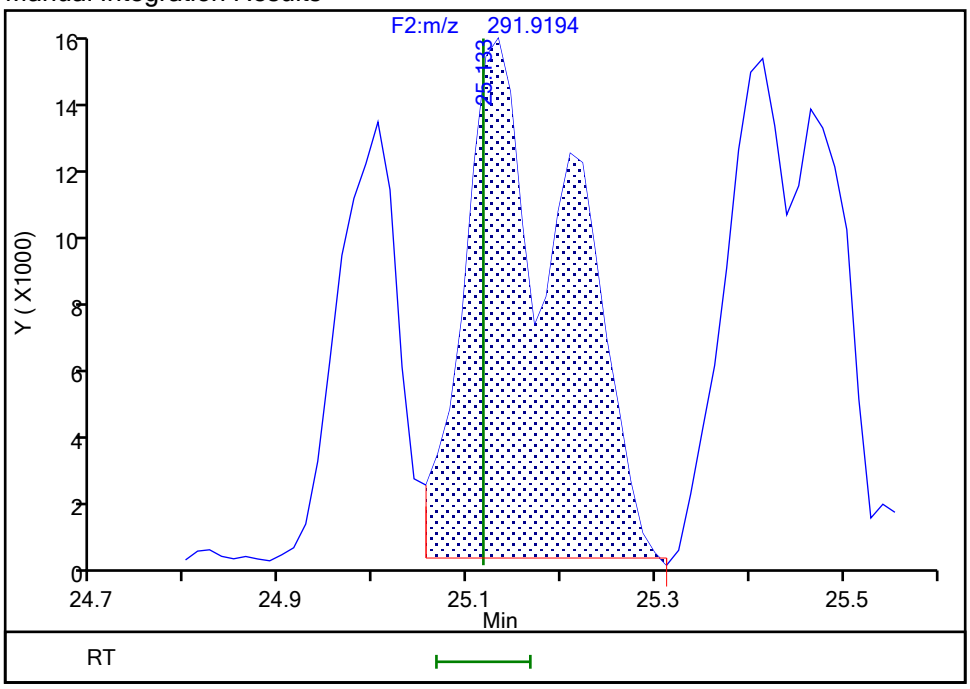
Processing Integration Results

RT: 25.13
Area: 61519
Amount: 0.738666
Amount Units: pg/ul



Manual Integration Results

RT: 25.13
Area: 112778
Amount: 0.970613
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:59:55
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

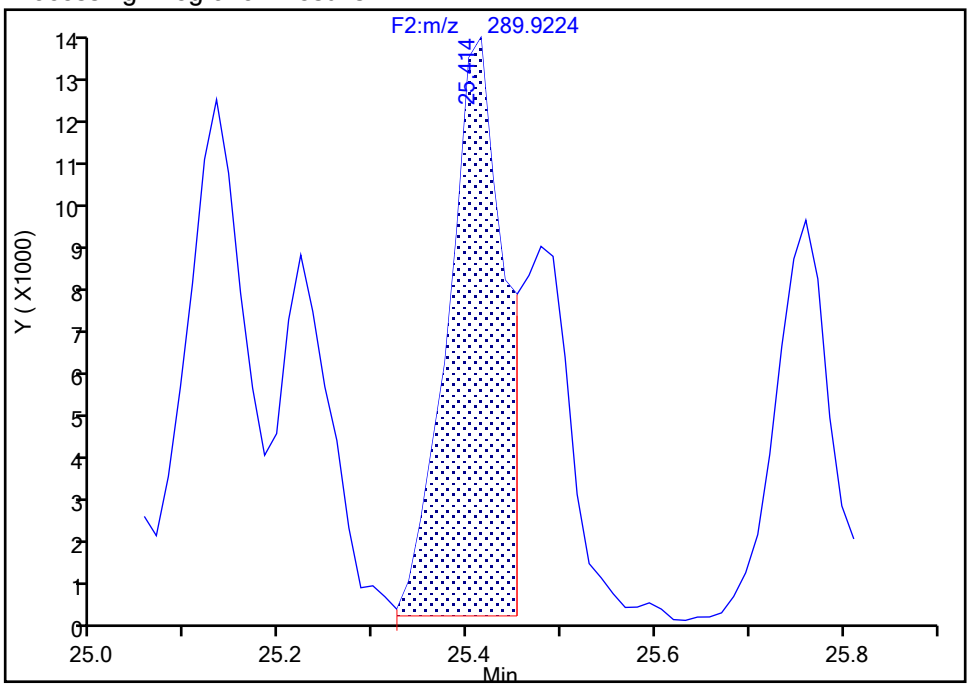
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-49/69, CAS: STL01805

Signal: 1

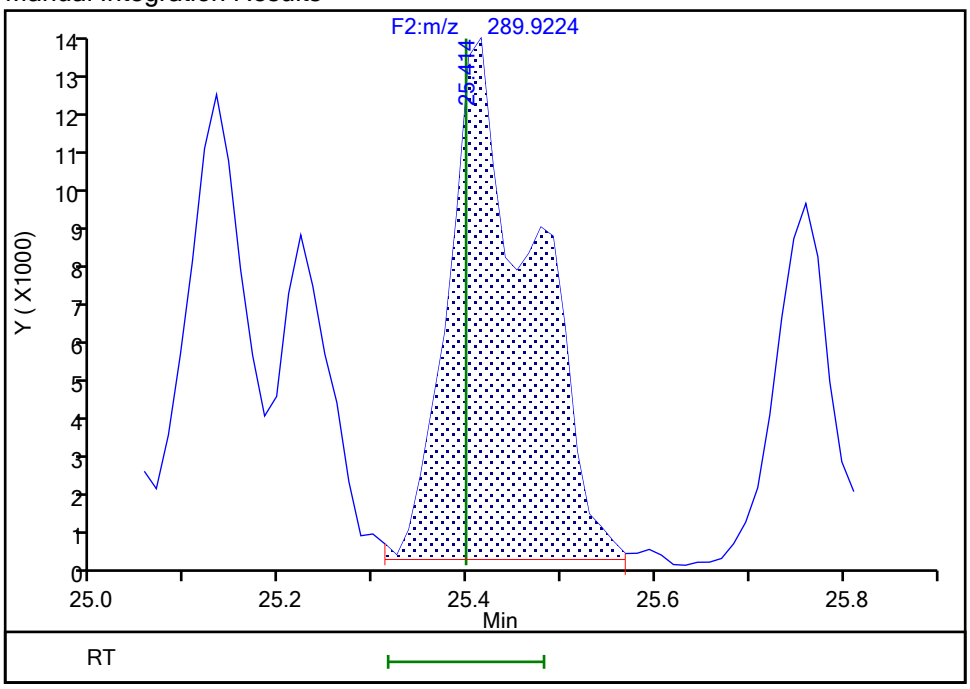
Processing Integration Results

RT: 25.41
Area: 54099
Amount: 0.745993
Amount Units: pg/ul



Manual Integration Results

RT: 25.41
Area: 84623
Amount: 0.987832
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:00:06

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

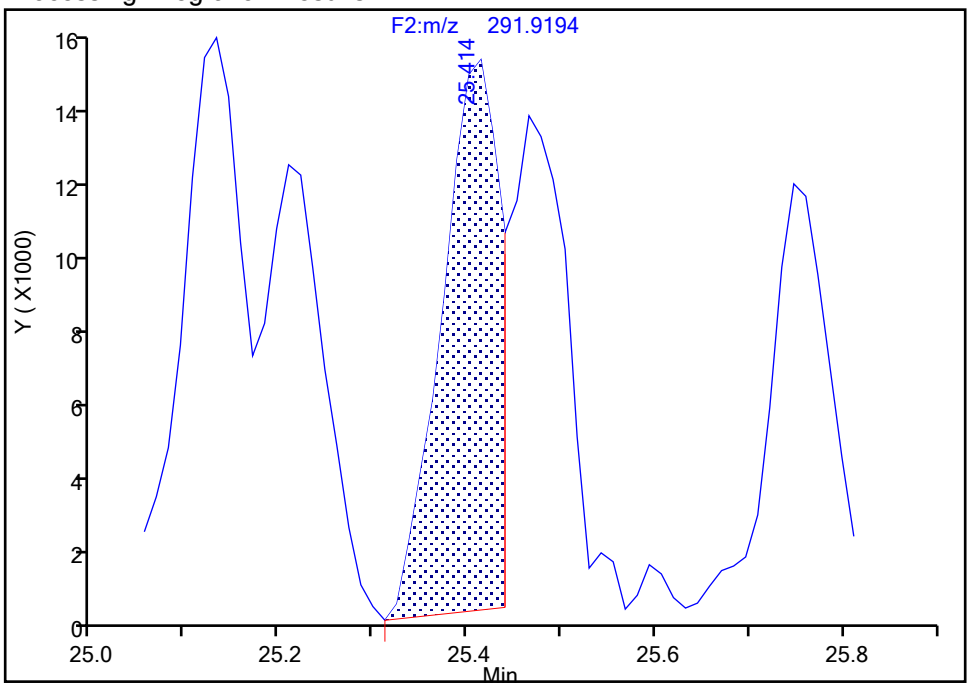
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-49/69, CAS: STL01805

Signal: 2

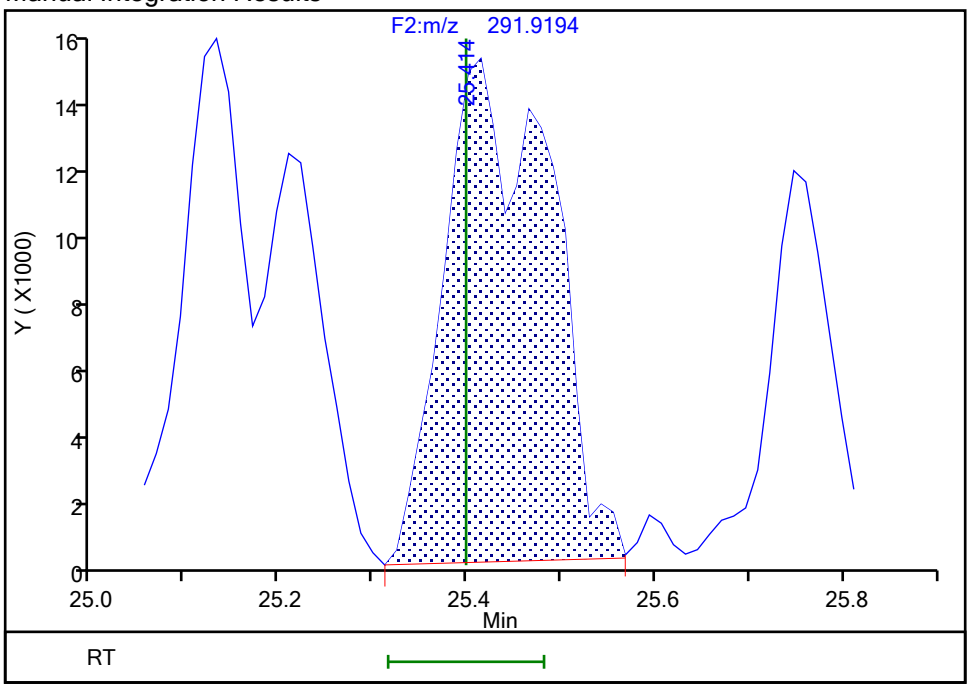
Processing Integration Results

RT: 25.41
Area: 58573
Amount: 0.745993
Amount Units: pg/ul



Manual Integration Results

RT: 25.41
Area: 112987
Amount: 0.987832
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:00:11

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

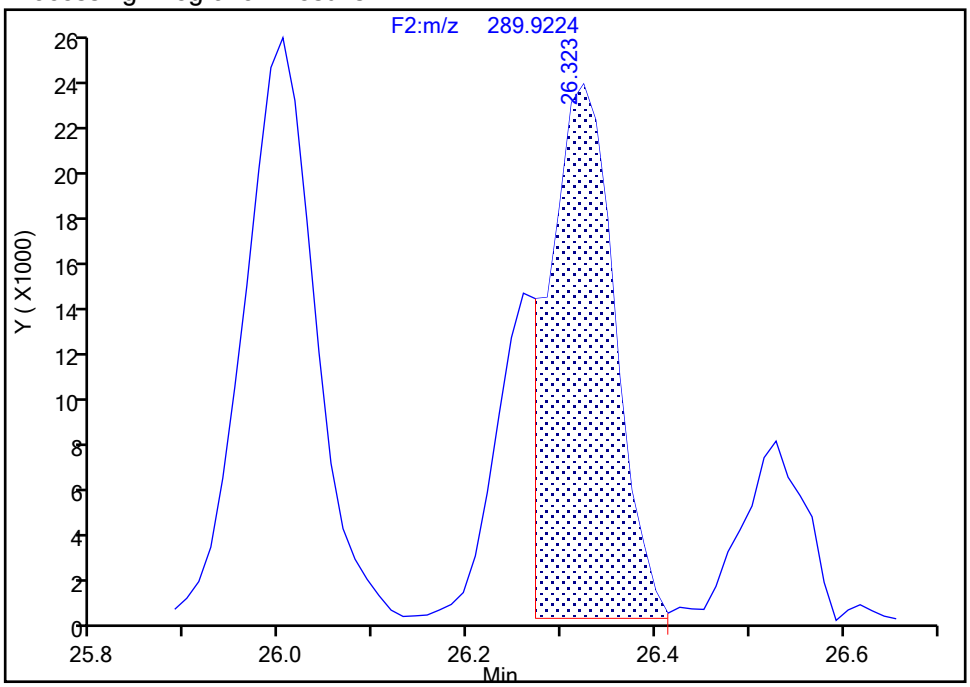
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-59/62/75, CAS: STL01807

Signal: 1

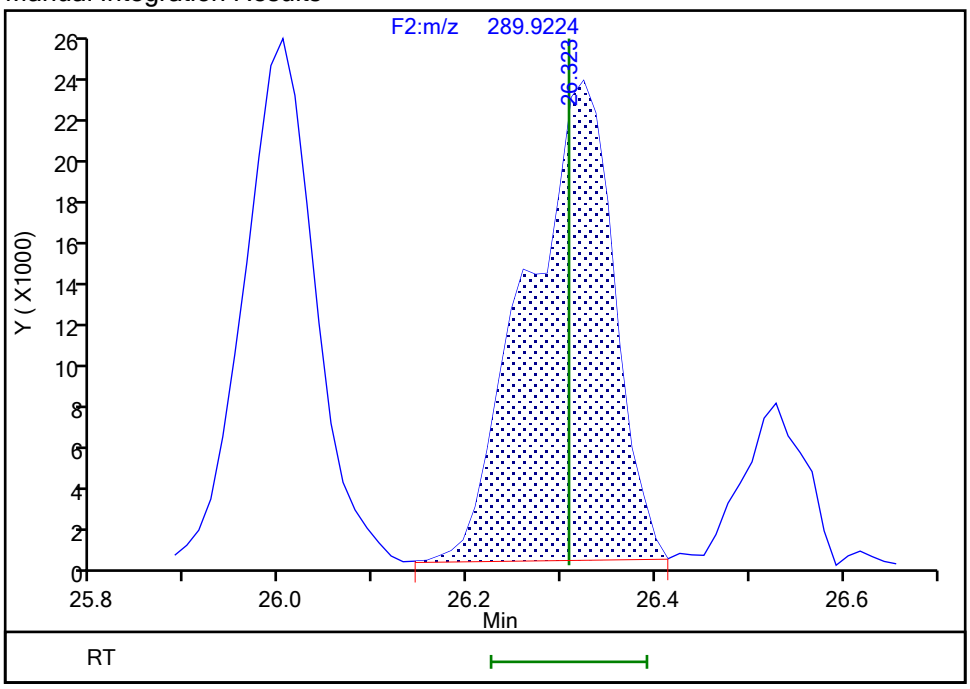
Processing Integration Results

RT: 26.32
Area: 112711
Amount: 1.346437
Amount Units: pg/ul



Manual Integration Results

RT: 26.32
Area: 151950
Amount: 1.592391
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:00:21

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

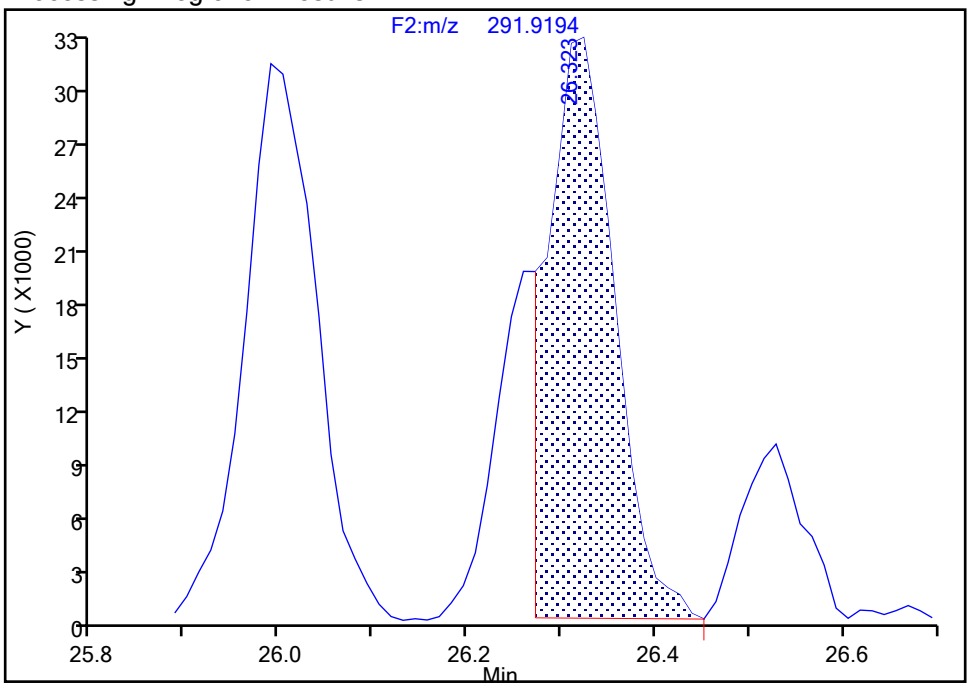
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-59/62/75, CAS: STL01807

Signal: 2

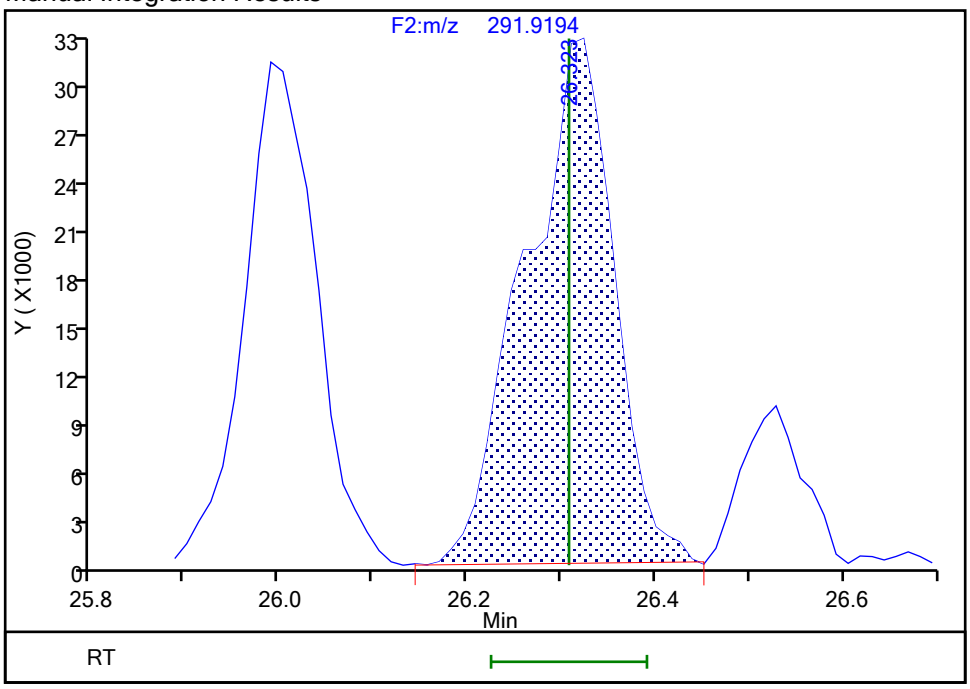
Processing Integration Results

RT: 26.32
Area: 152280
Amount: 1.346437
Amount Units: pg/ul



Manual Integration Results

RT: 26.32
Area: 206100
Amount: 1.592391
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:00:27
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

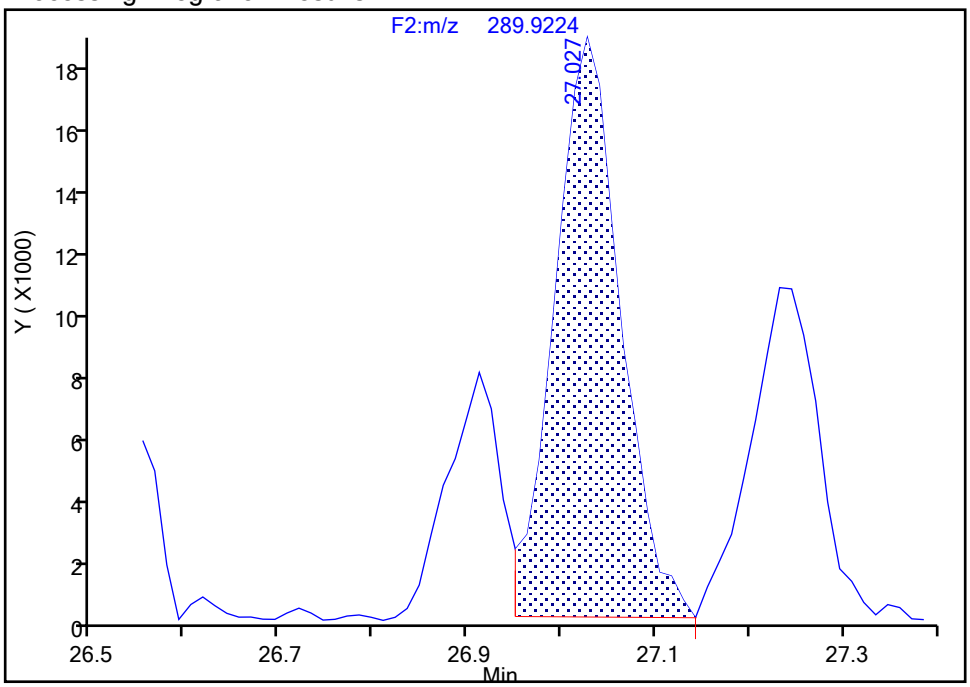
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

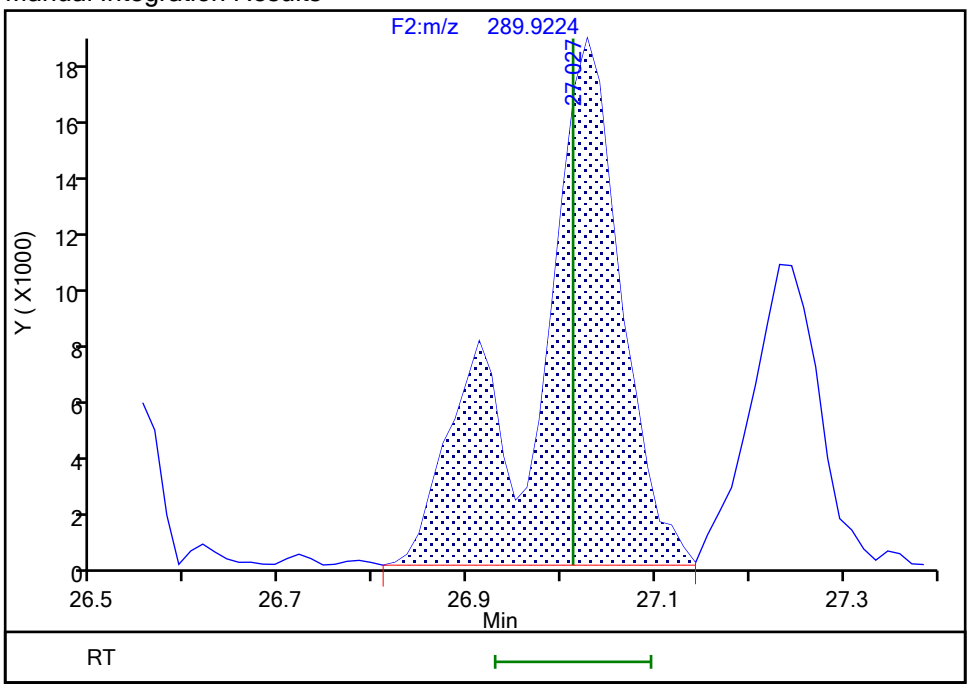
Processing Integration Results

RT: 27.03
Area: 87048
Amount: 1.331729
Amount Units: pg/ul



Manual Integration Results

RT: 27.03
Area: 117855
Amount: 1.551309
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:00:36

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

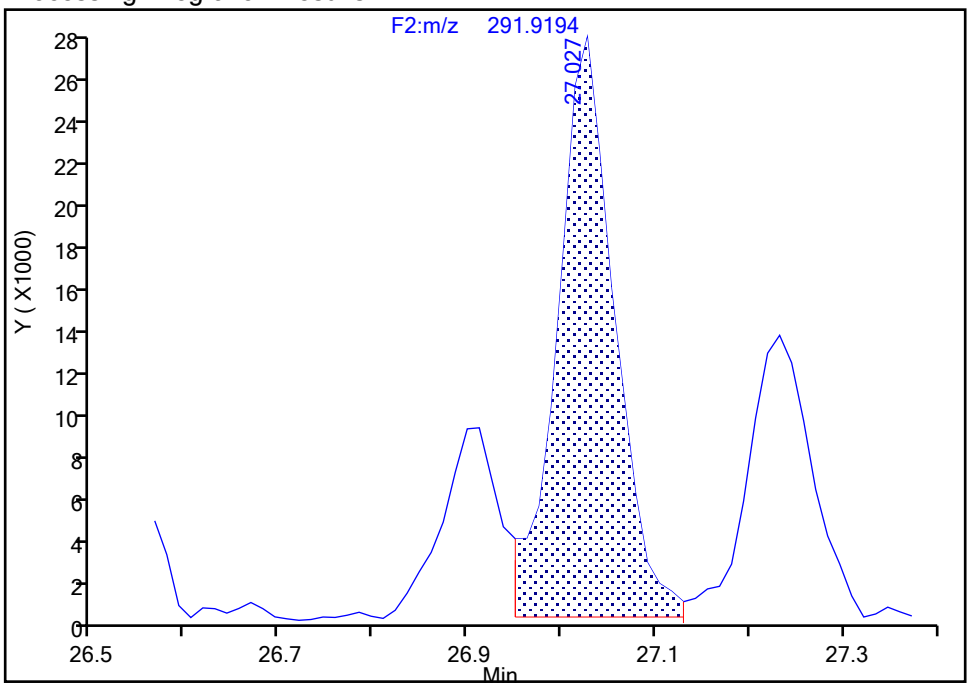
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-40/41/71, CAS: STL02292

Signal: 2

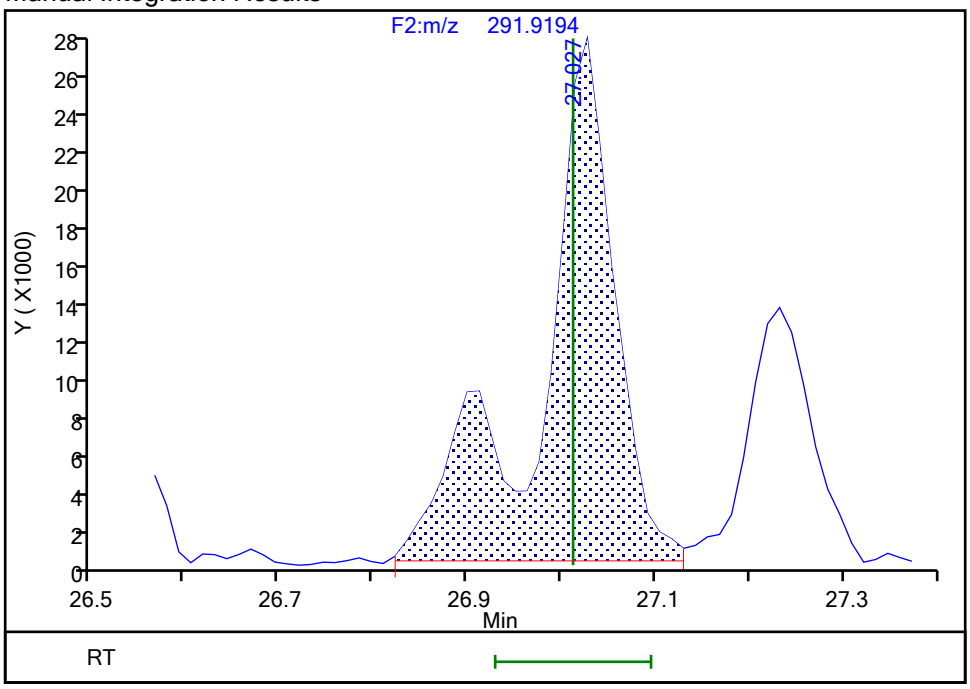
Processing Integration Results

RT: 27.03
Area: 111951
Amount: 1.331729
Amount Units: pg/ul



Manual Integration Results

RT: 27.03
Area: 146749
Amount: 1.551309
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:00:41
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

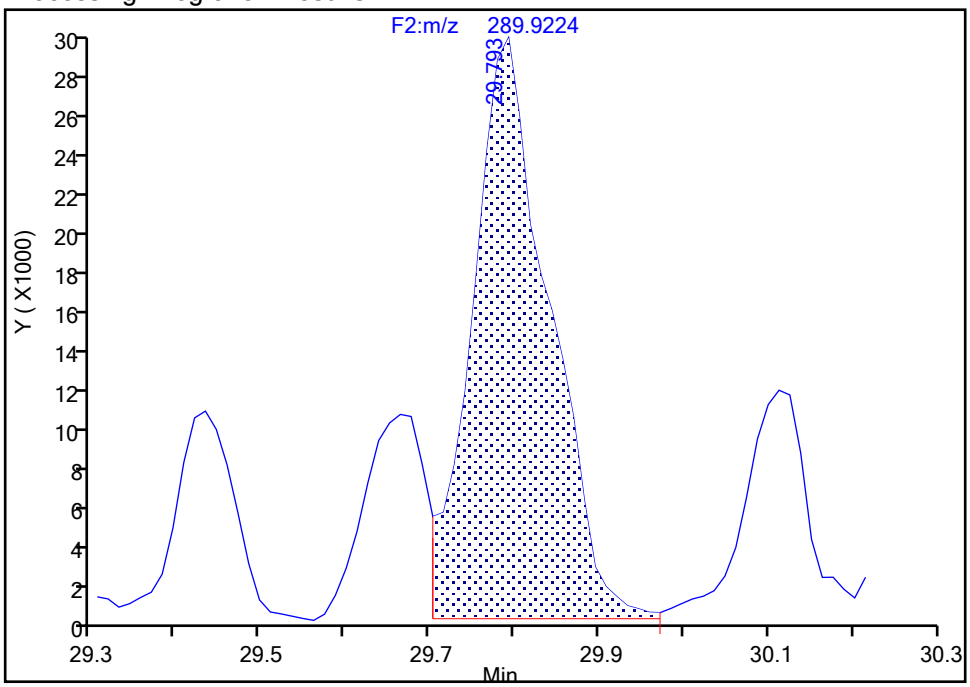
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-61/70/74/76, CAS: STL01808

Signal: 1

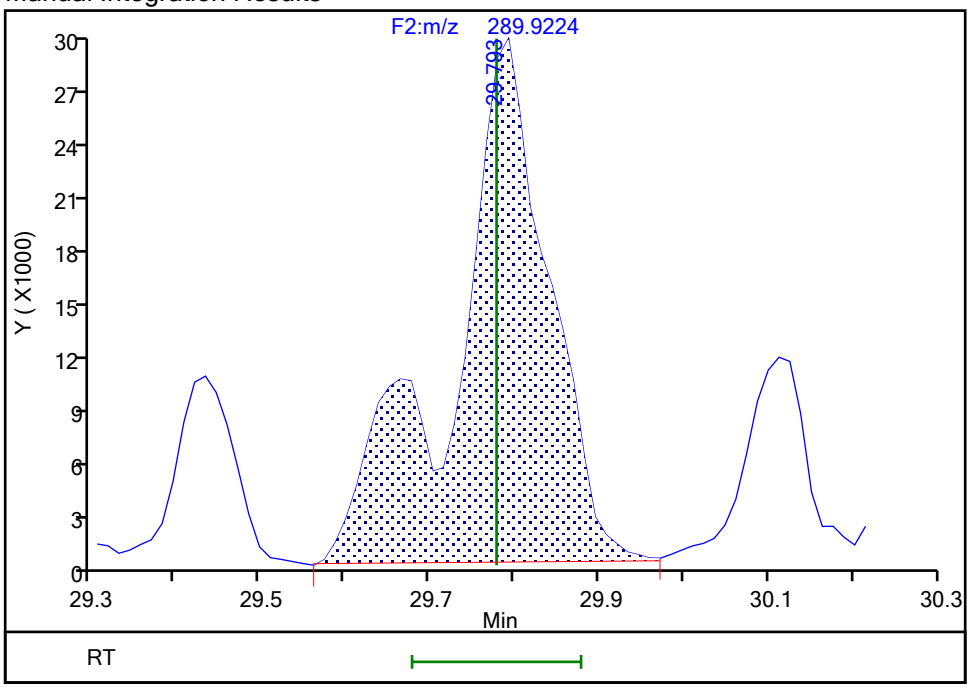
Processing Integration Results

RT: 29.79
Area: 186063
Amount: 1.838566
Amount Units: pg/ul



Manual Integration Results

RT: 29.79
Area: 234326
Amount: 2.106662
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:00:53

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

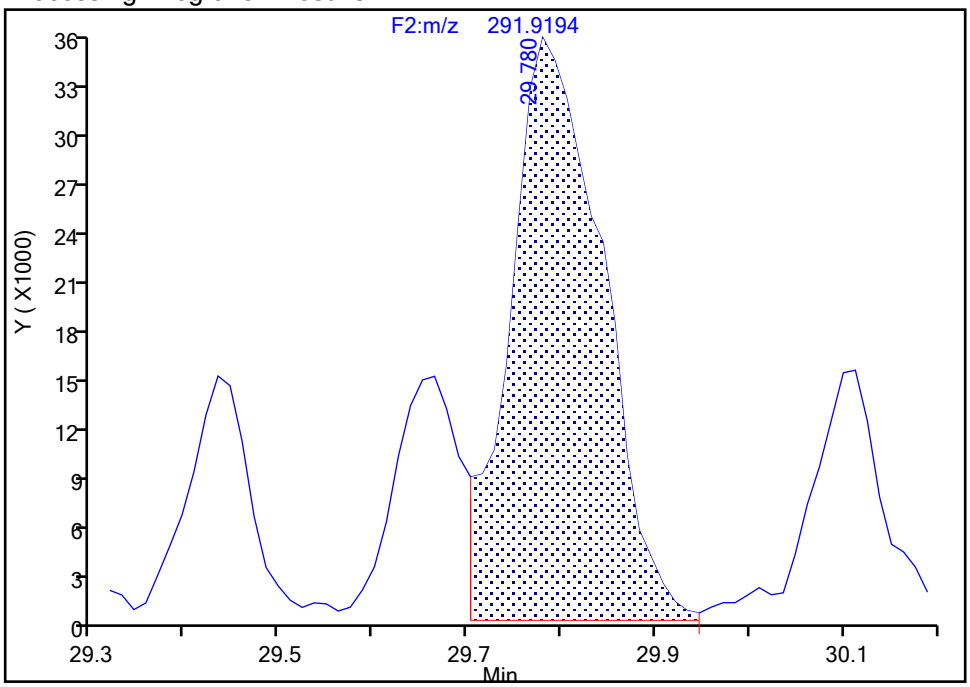
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-61/70/74/76, CAS: STL01808

Signal: 2

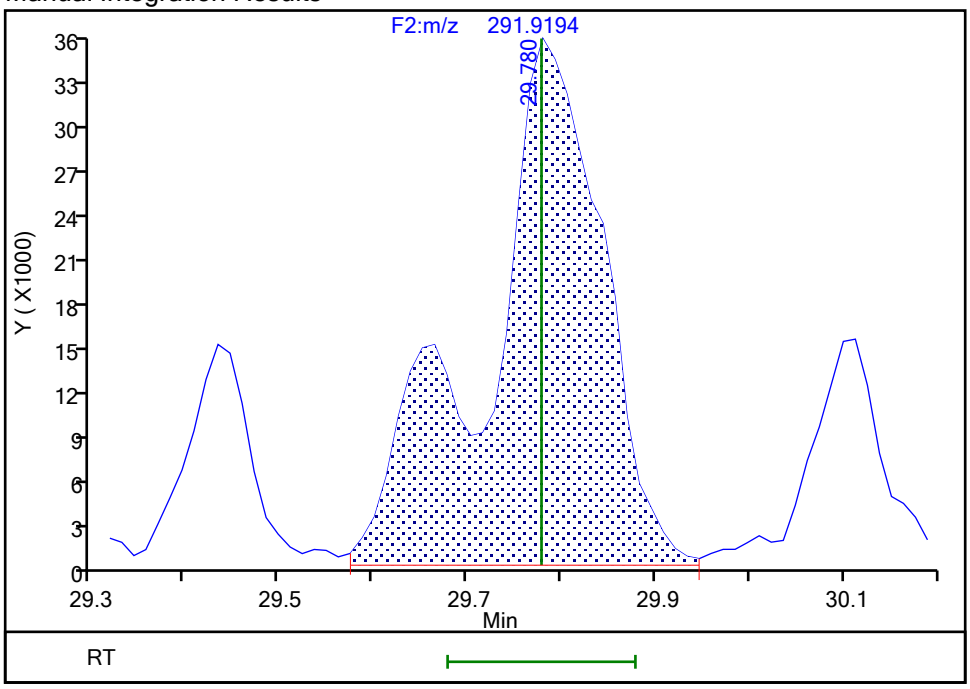
Processing Integration Results

RT: 29.78
Area: 240717
Amount: 1.838566
Amount Units: pg/ul



Manual Integration Results

RT: 29.78
Area: 310432
Amount: 2.106662
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:00:58
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

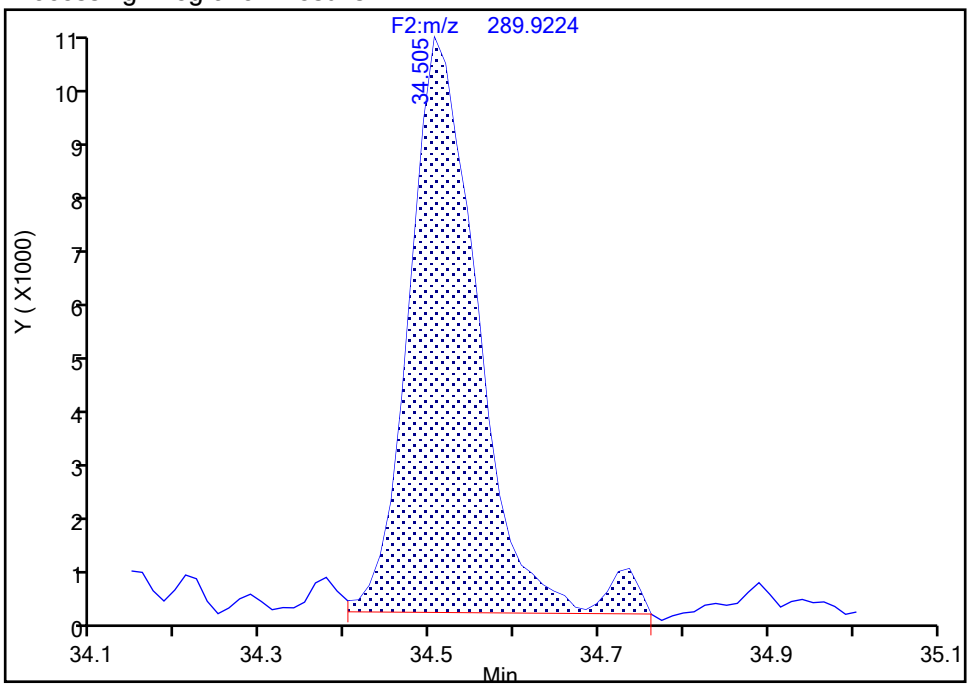
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-77, CAS: 32598-13-3

Signal: 1

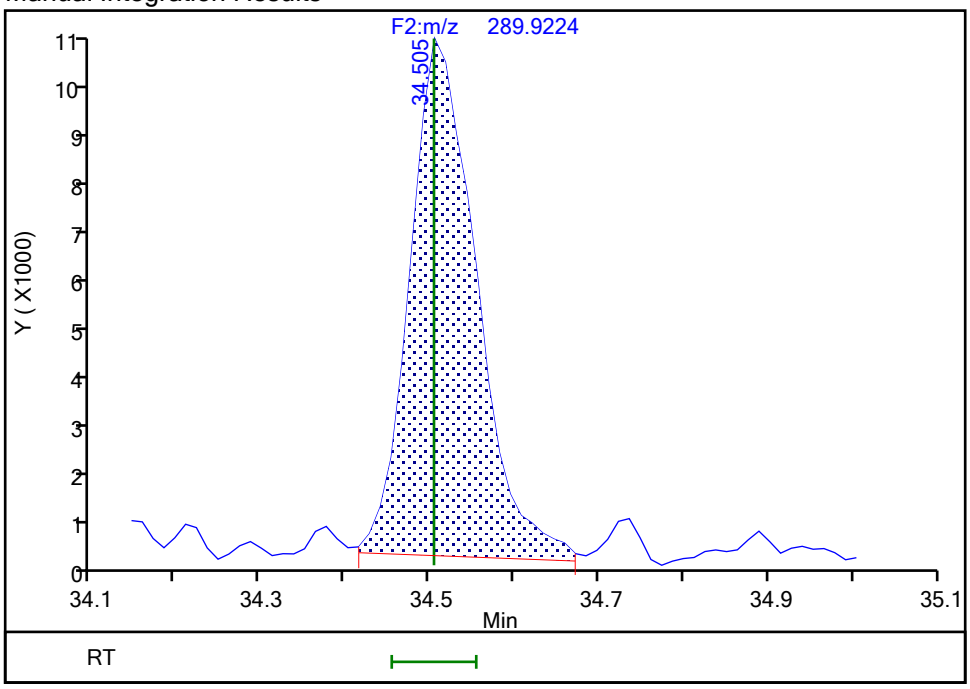
Processing Integration Results

RT: 34.51
Area: 57765
Amount: 0.513186
Amount Units: pg/ul



Manual Integration Results

RT: 34.51
Area: 55174
Amount: 0.490052
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:01:15

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

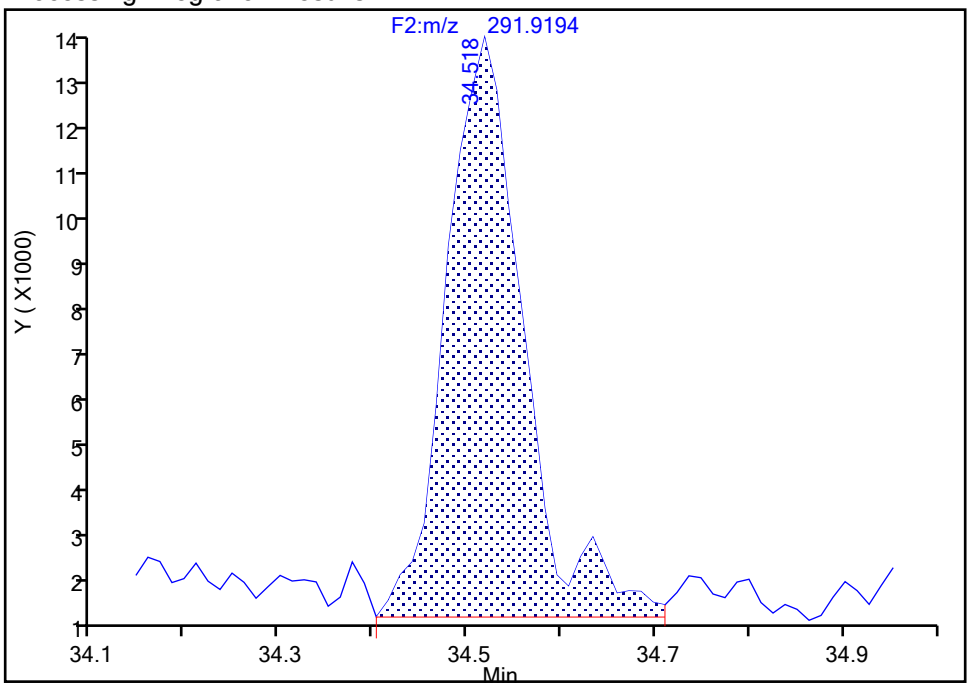
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-77, CAS: 32598-13-3

Signal: 2

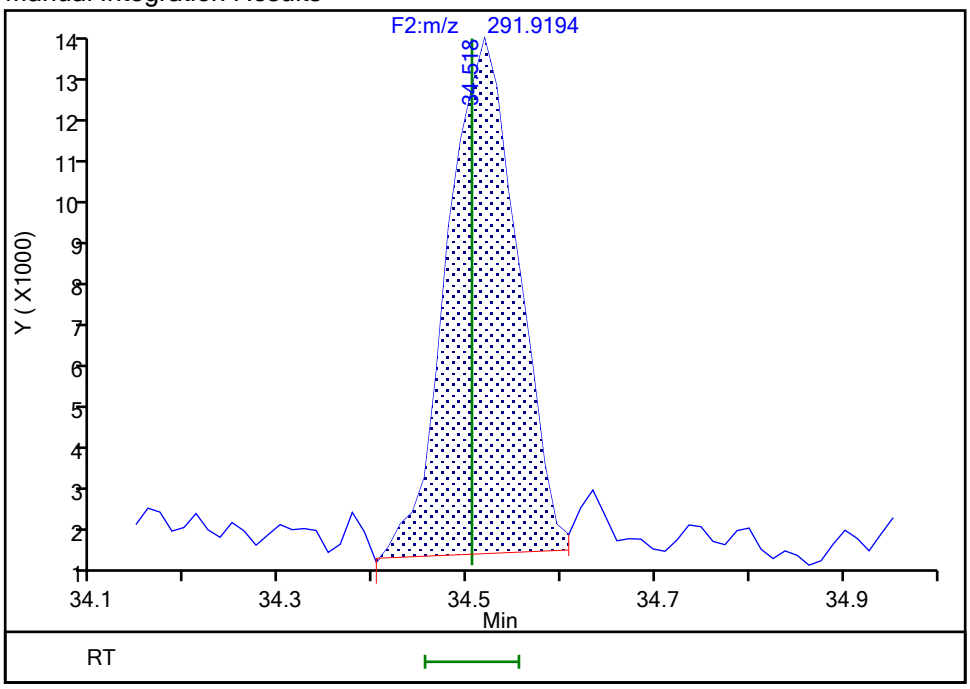
Processing Integration Results

RT: 34.52
Area: 70005
Amount: 0.513186
Amount Units: pg/ul



Manual Integration Results

RT: 34.52
Area: 62728
Amount: 0.490052
Amount Units: pg/ul



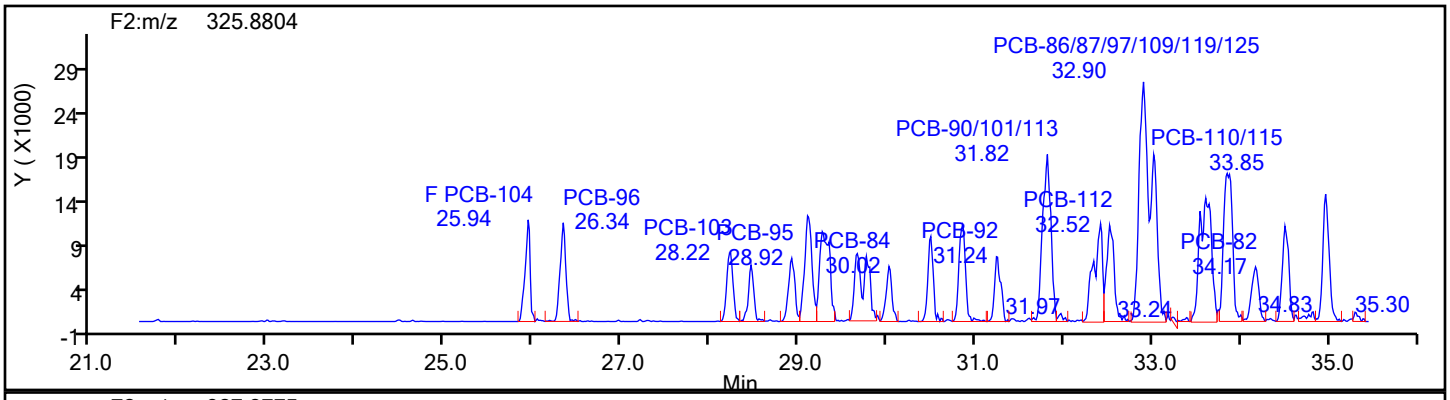
Reviewer: nordquistj, 08-Oct-2021 14:01:20
Audit Action: Manually Integrated Audit Reason: Split Peak

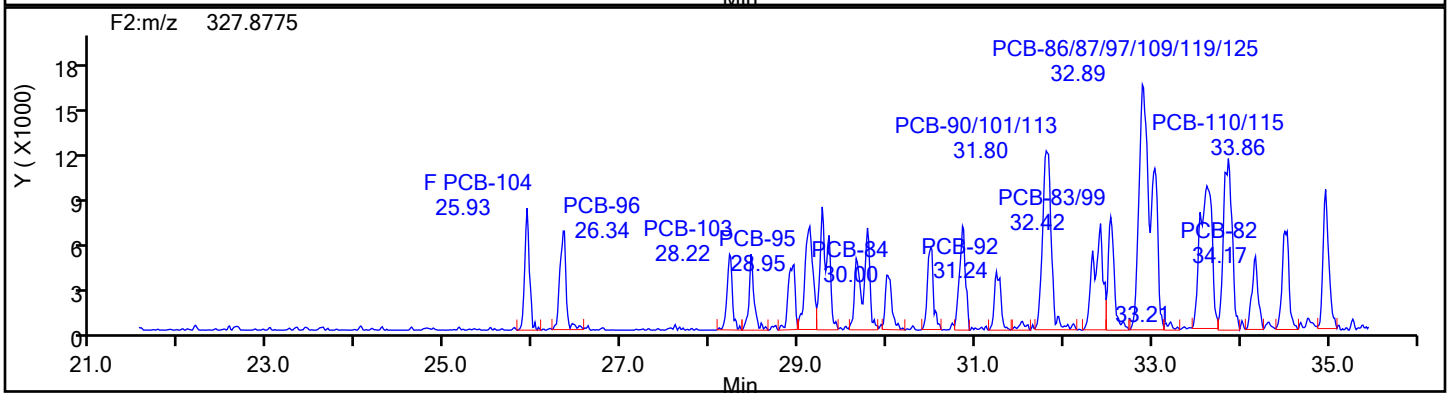
Report Date: 08-Oct-2021 19:10:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

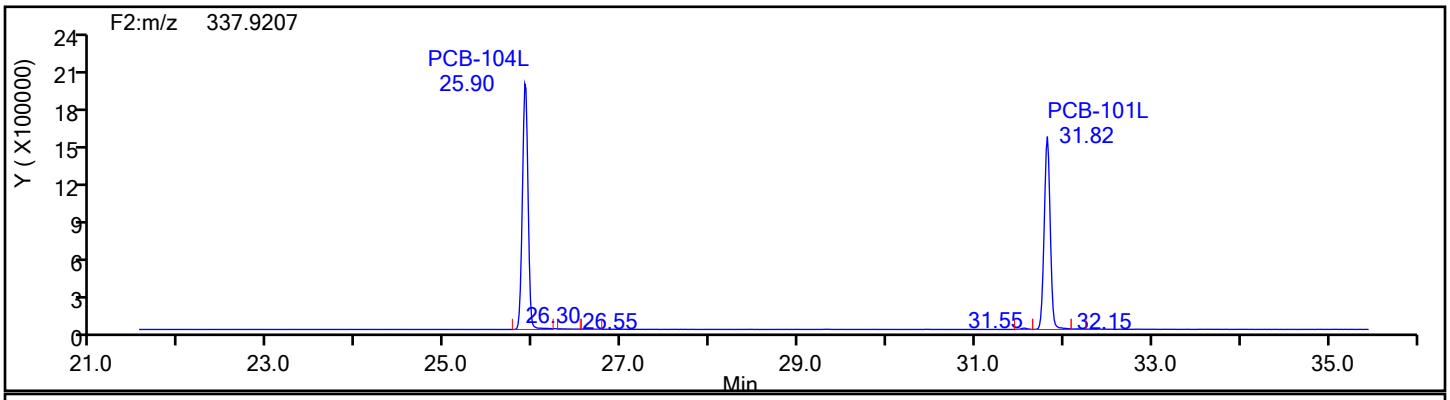
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

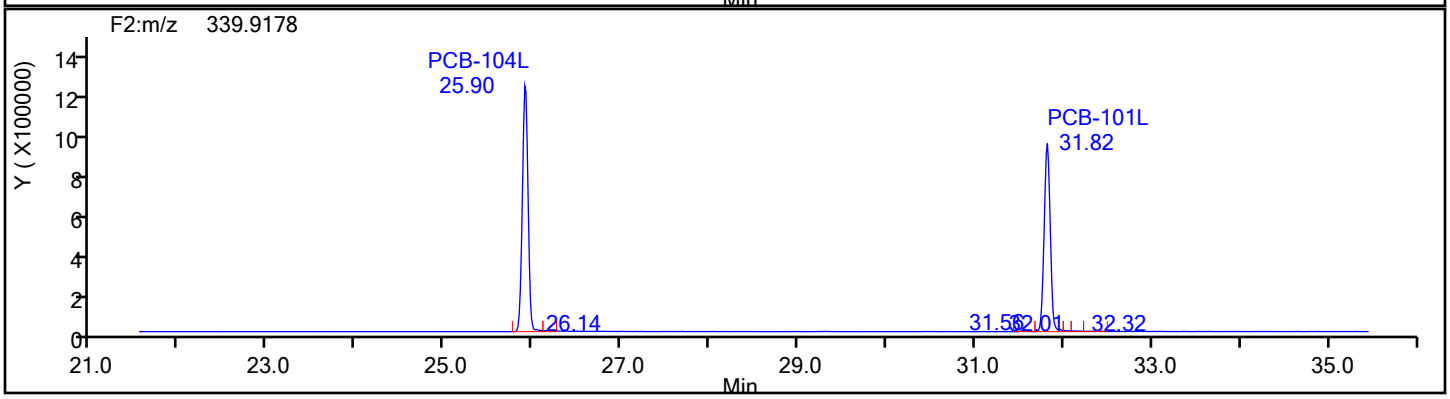
PePCB F2





PePCB F2 Standards



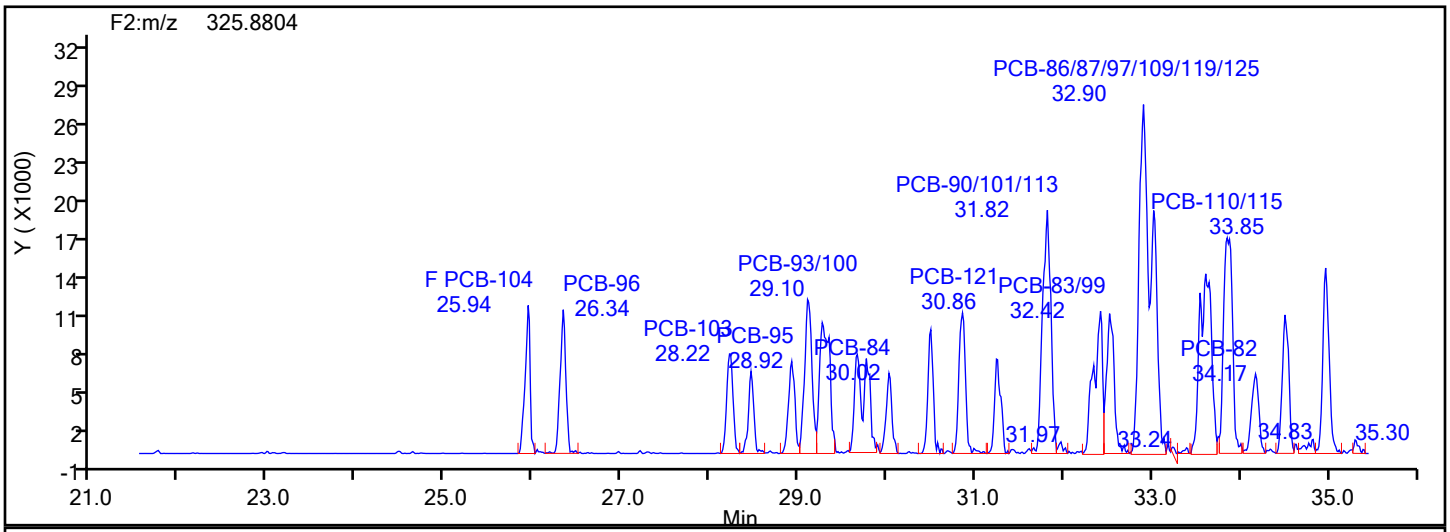


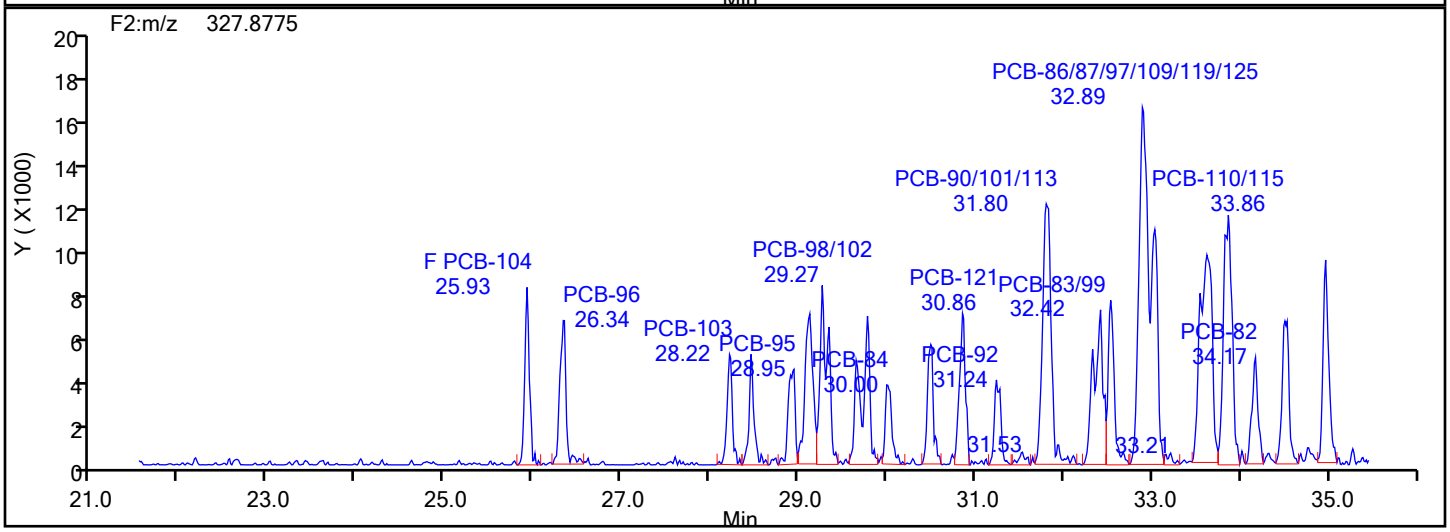
Report Date: 08-Oct-2021 19:10:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

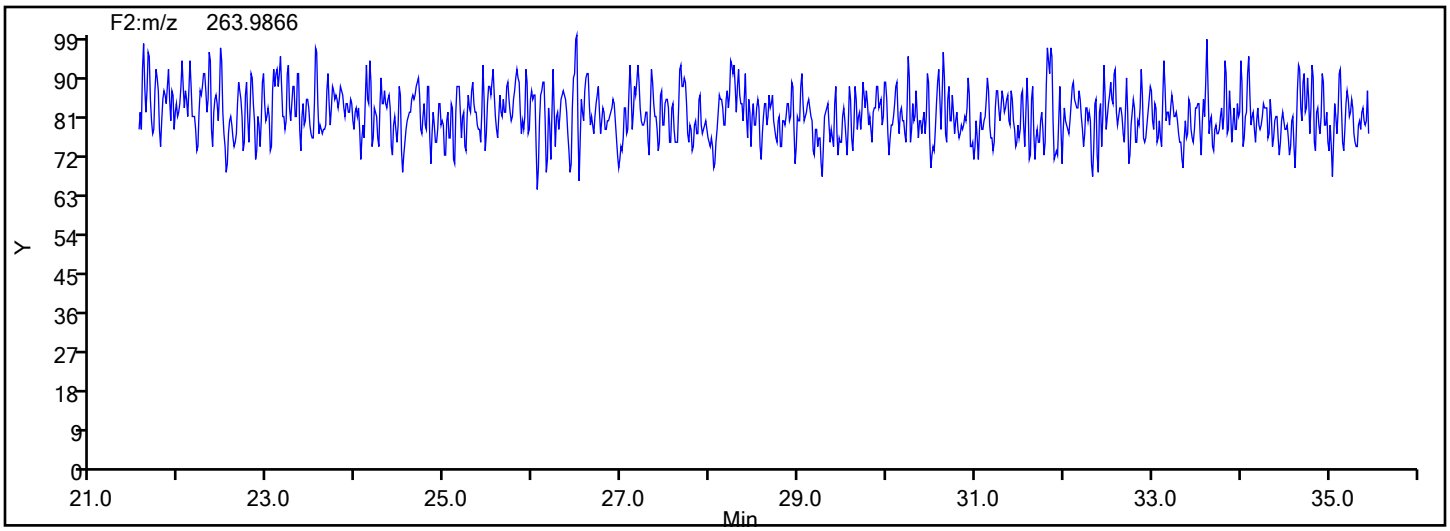
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

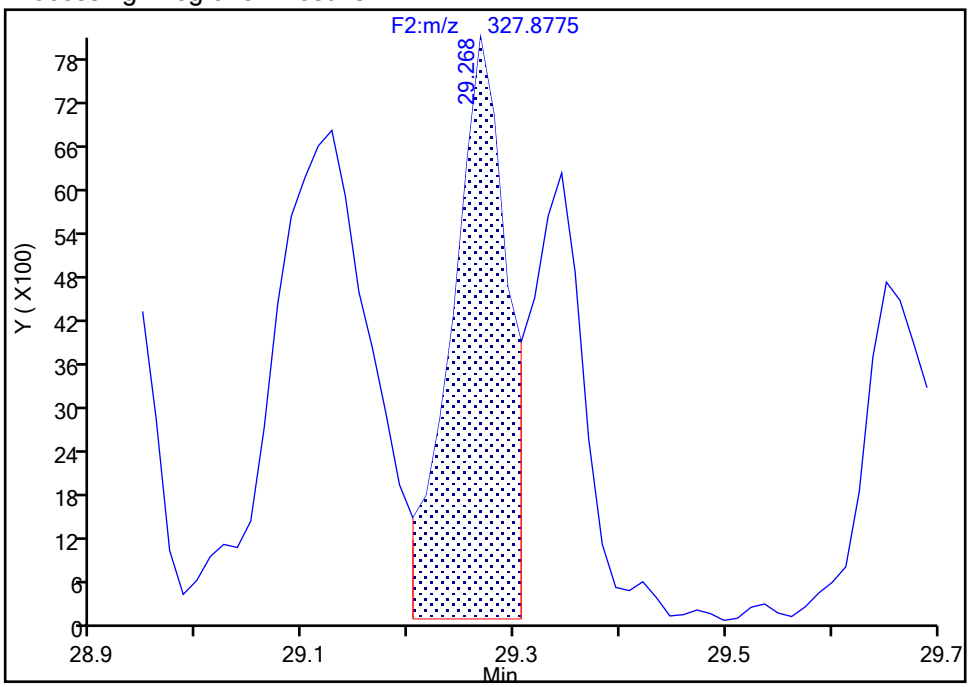
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 2

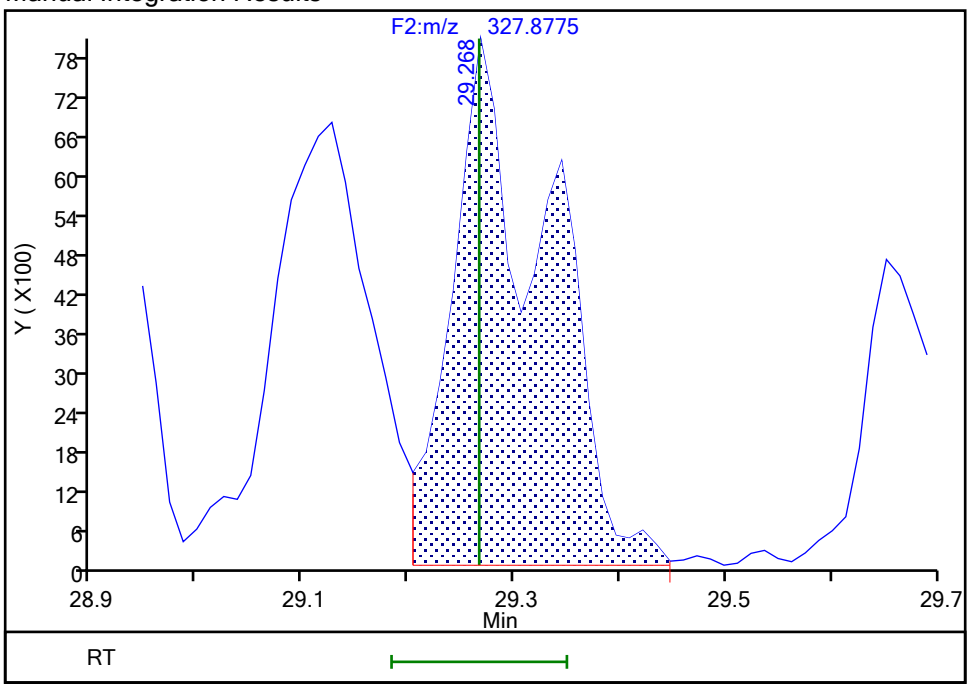
Processing Integration Results

RT: 29.27
Area: 28510
Amount: 0.905312
Amount Units: pg/ul



Manual Integration Results

RT: 29.27
Area: 50314
Amount: 0.979890
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:01:48
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

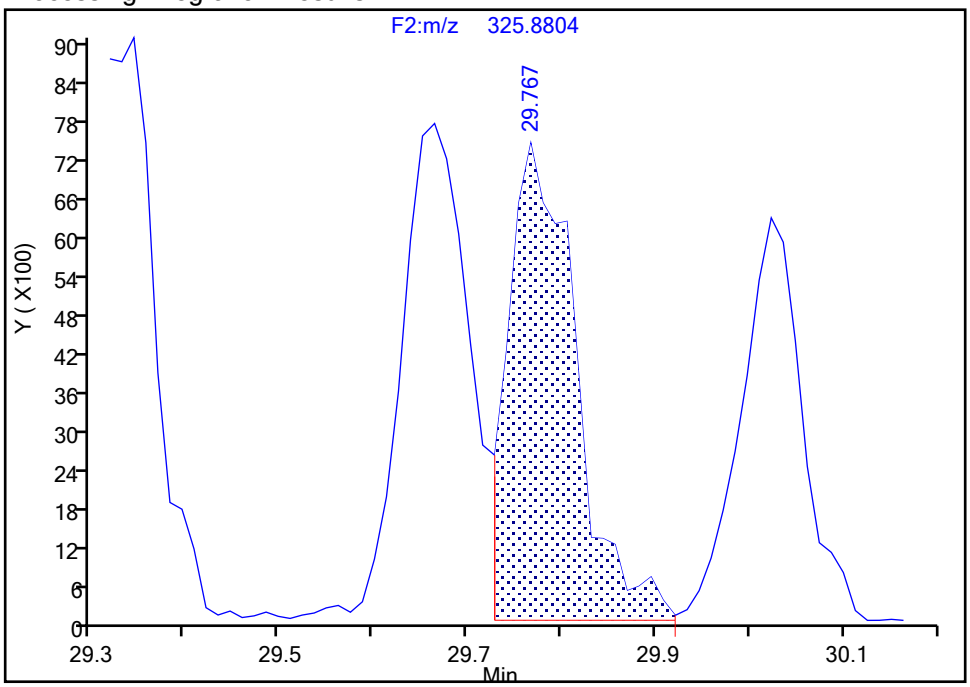
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 1

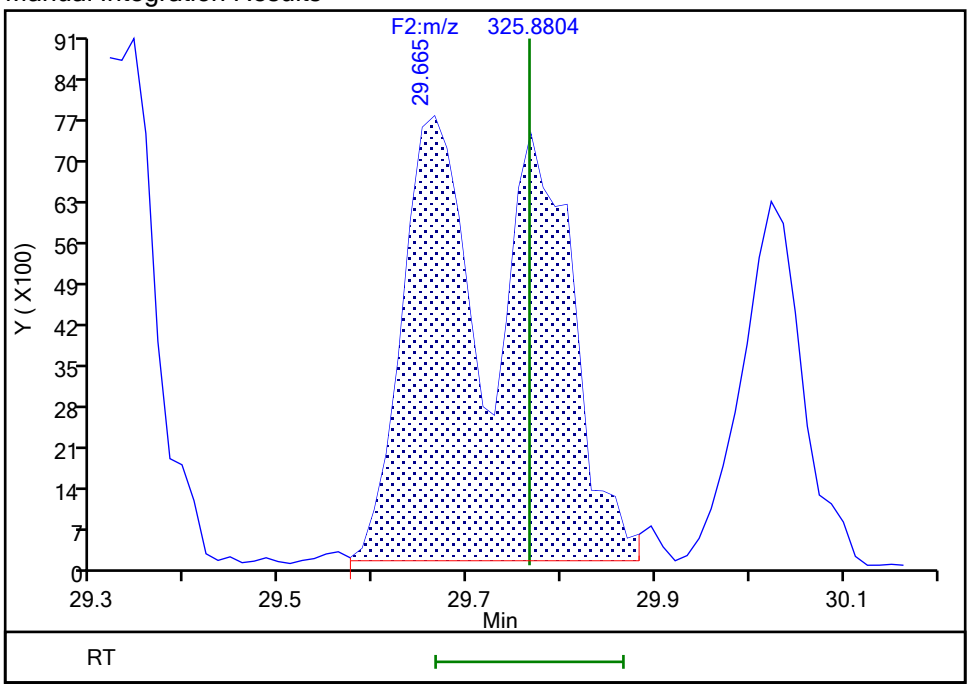
Processing Integration Results

RT: 29.77
Area: 36523
Amount: 0.709639
Amount Units: pg/ul



Manual Integration Results

RT: 29.66
Area: 71969
Amount: 1.026573
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:01:56

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

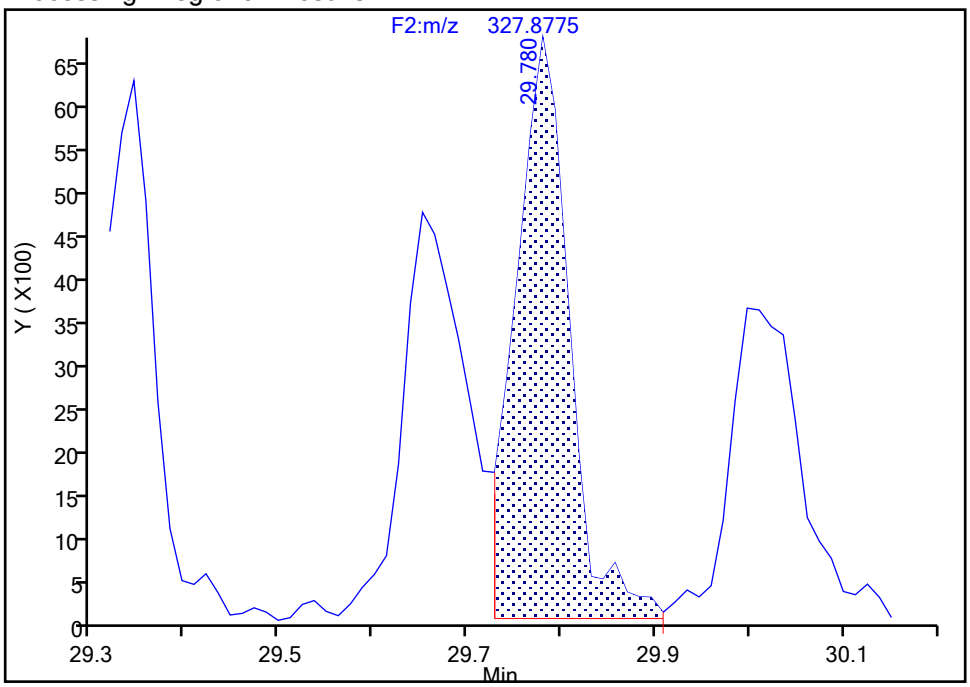
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-88/91, CAS: STL01812

Signal: 2

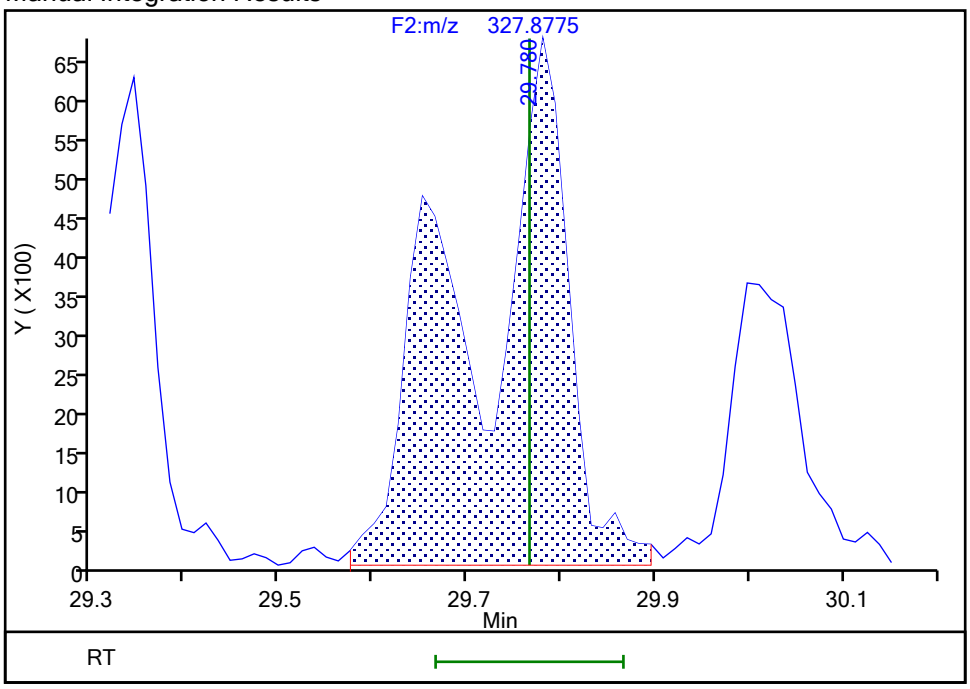
Processing Integration Results

RT: 29.78
Area: 25986
Amount: 0.709639
Amount Units: pg/ul



Manual Integration Results

RT: 29.78
Area: 47848
Amount: 1.026573
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:02:17
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

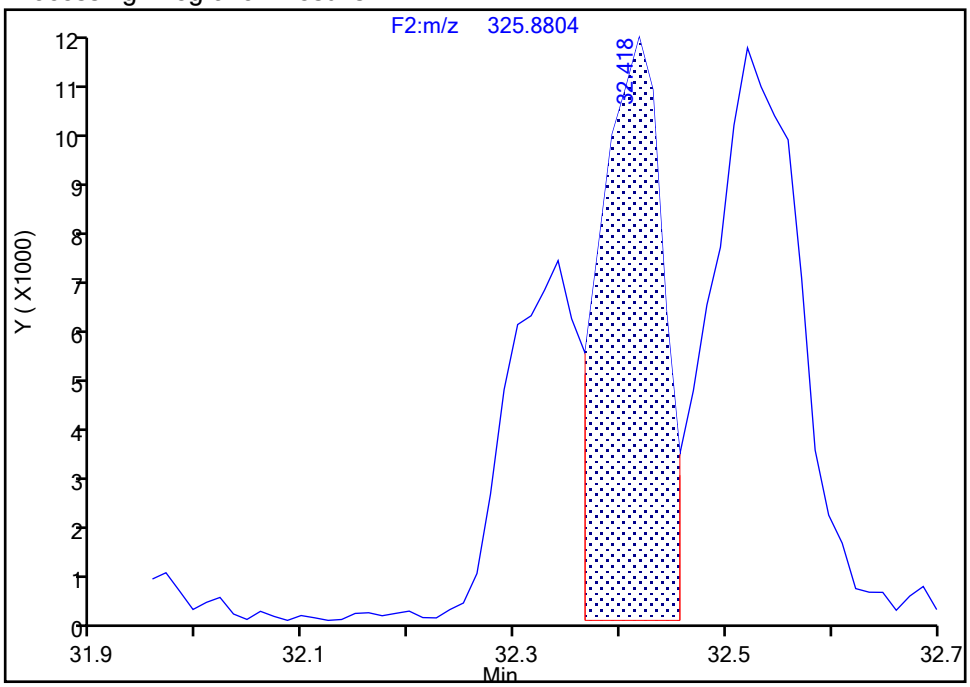
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-83/99, CAS: STL01809

Signal: 1

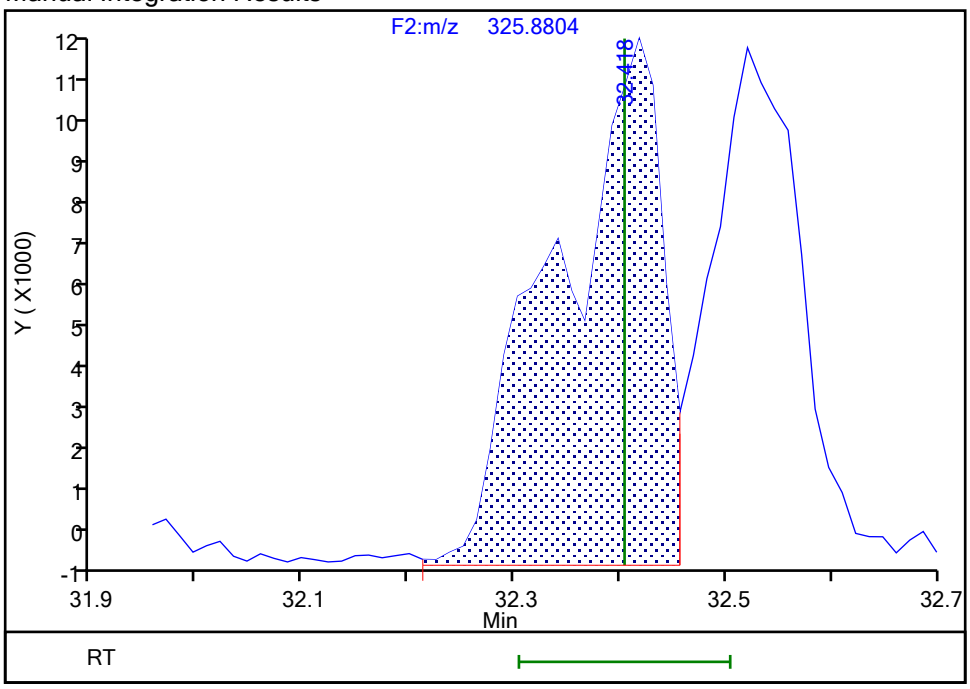
Processing Integration Results

RT: 32.42
Area: 44326
Amount: 0.759067
Amount Units: pg/ul



Manual Integration Results

RT: 32.42
Area: 76864
Amount: 0.992943
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:02:34

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

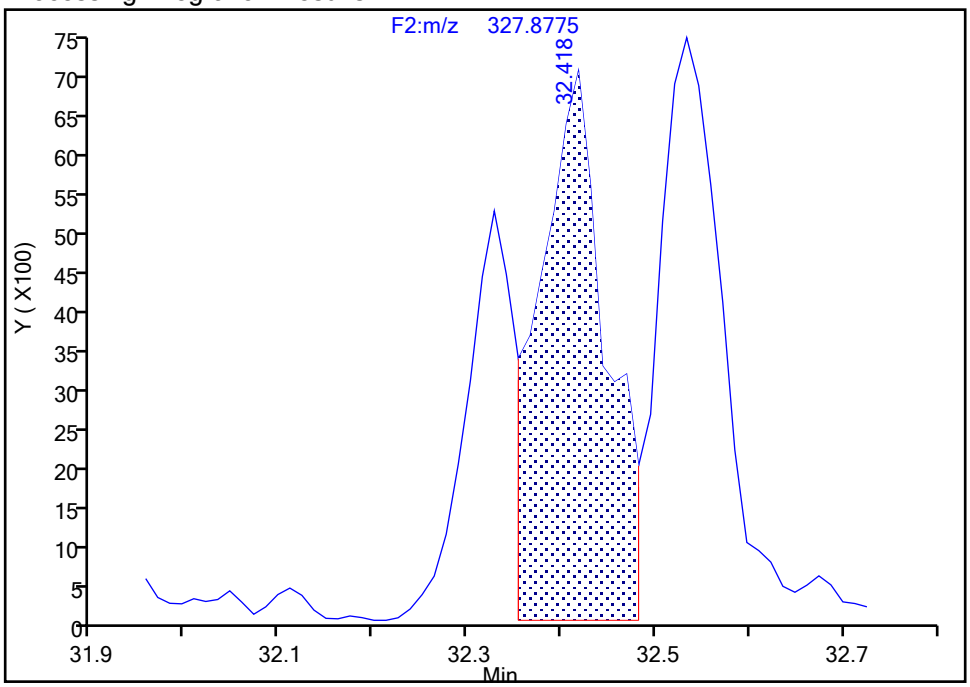
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-83/99, CAS: STL01809

Signal: 2

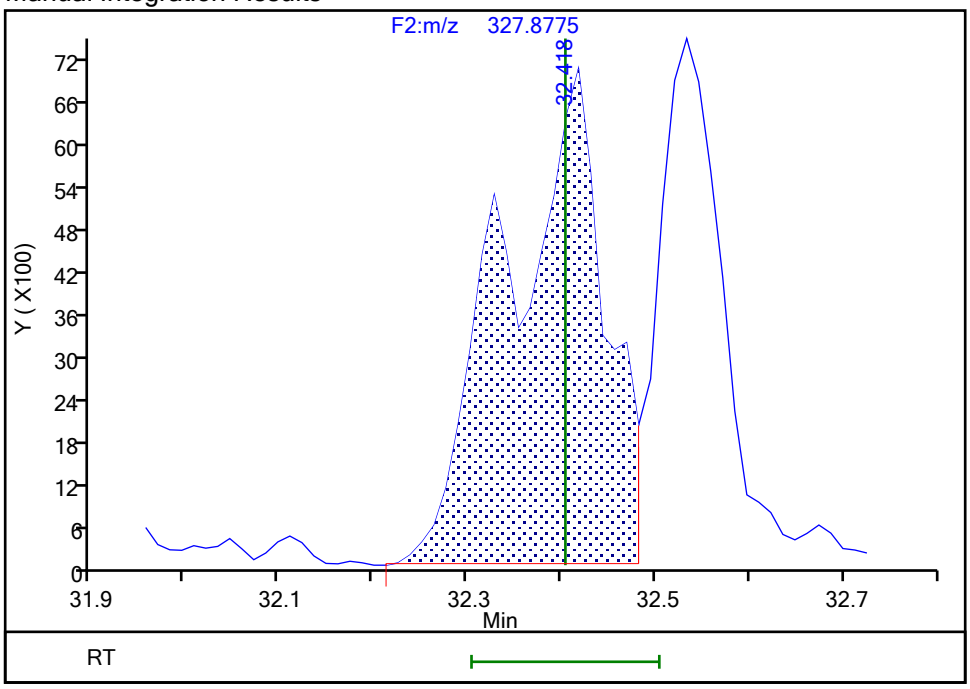
Processing Integration Results

RT: 32.42
Area: 33861
Amount: 0.759067
Amount Units: pg/ul



Manual Integration Results

RT: 32.42
Area: 50989
Amount: 0.992943
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:02:40
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

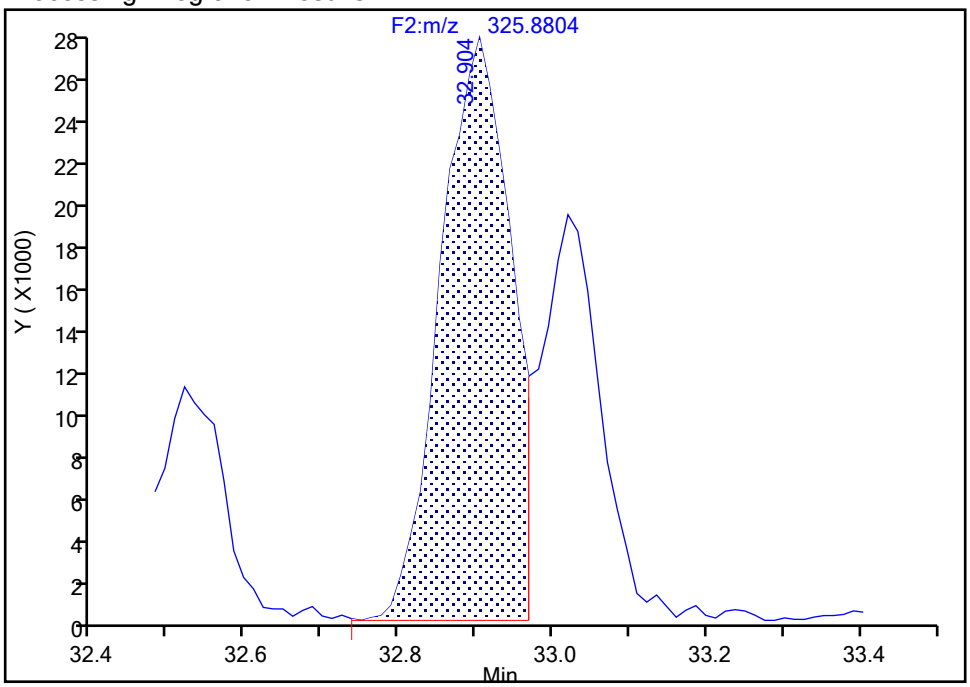
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

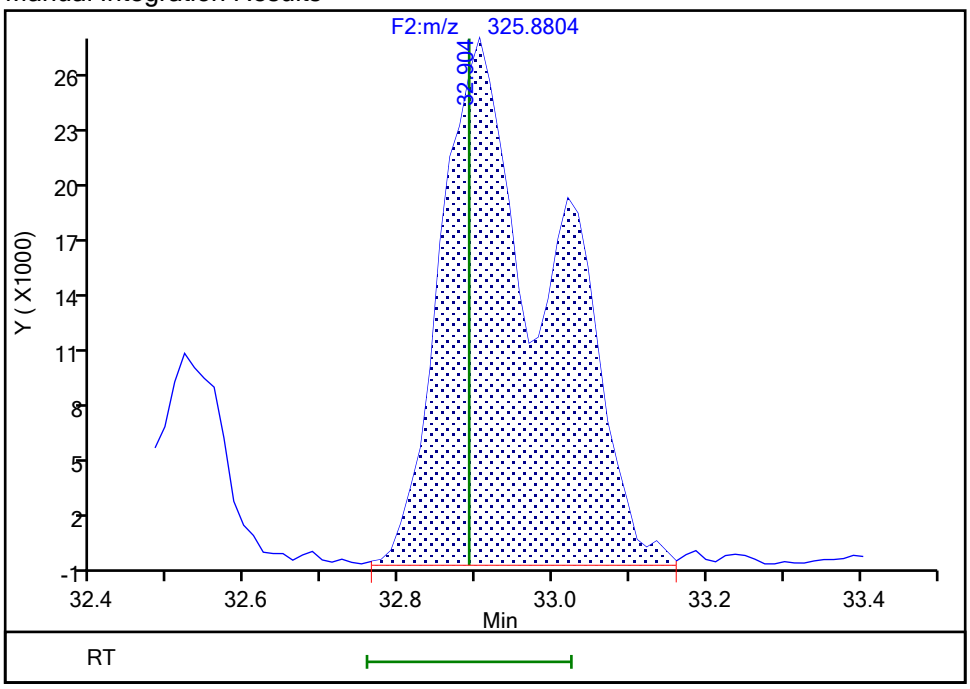
Processing Integration Results

RT: 32.90
Area: 170041
Amount: 2.369598
Amount Units: pg/ul



Manual Integration Results

RT: 32.90
Area: 272536
Amount: 2.907384
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:02:55
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

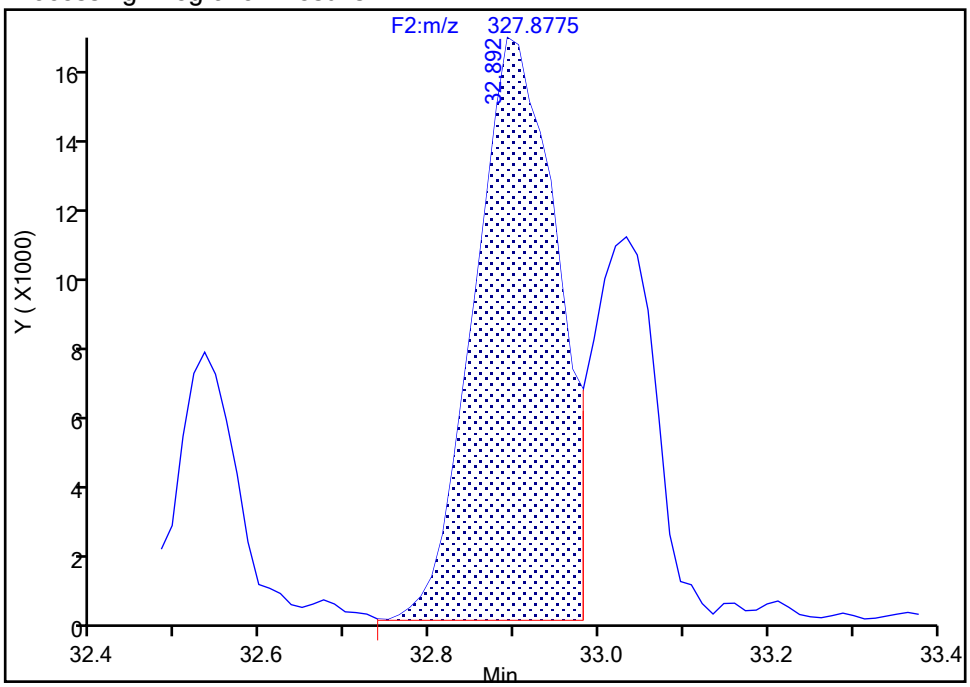
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

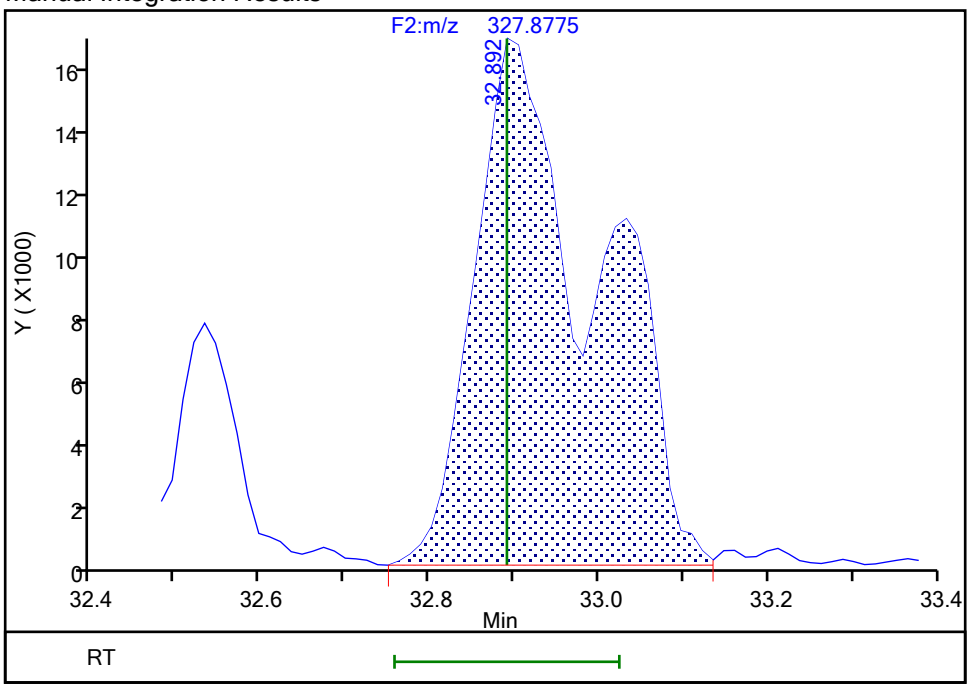
Processing Integration Results

RT: 32.89
Area: 108816
Amount: 2.369598
Amount Units: pg/ul



Manual Integration Results

RT: 32.89
Area: 162377
Amount: 2.907384
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:03:05
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

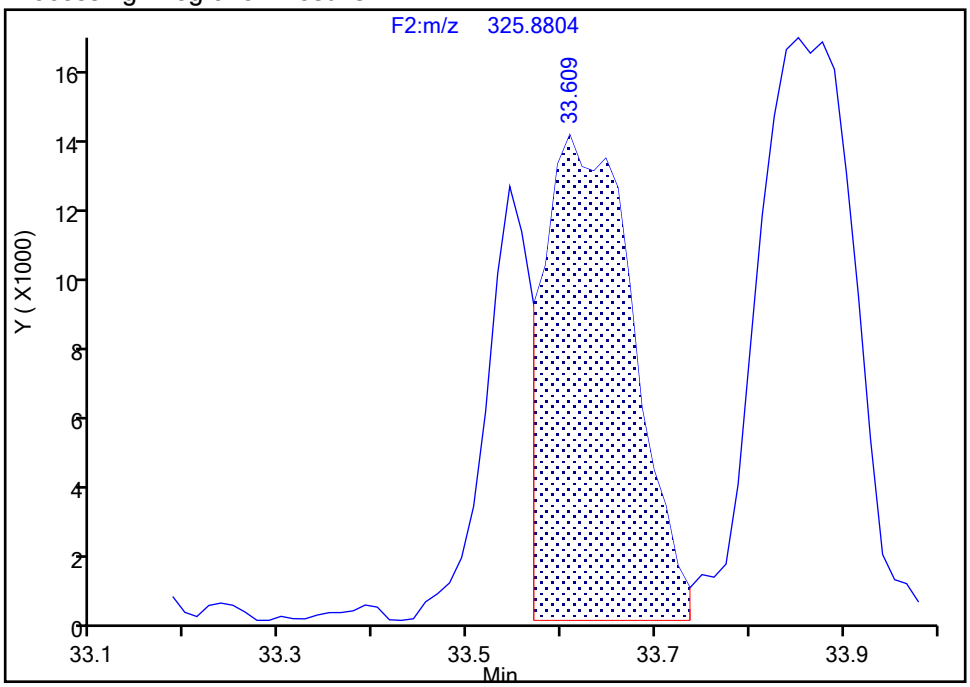
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-85/116/117, CAS: STL01810

Signal: 1

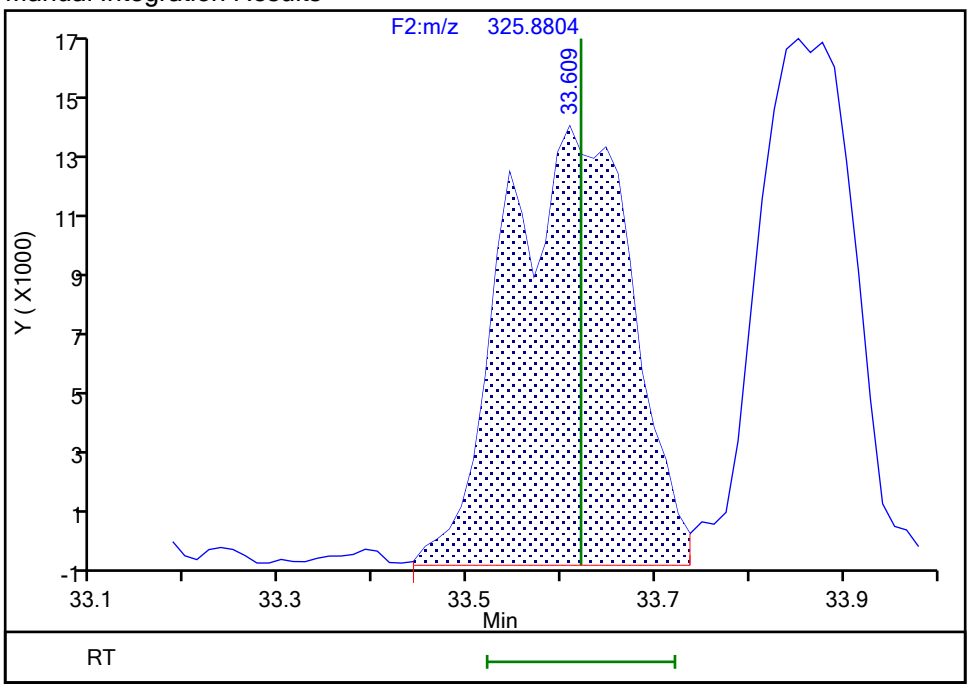
Processing Integration Results

RT: 33.61
Area: 91447
Amount: 1.272753
Amount Units: pg/ul



Manual Integration Results

RT: 33.61
Area: 132428
Amount: 1.492818
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:03:20
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

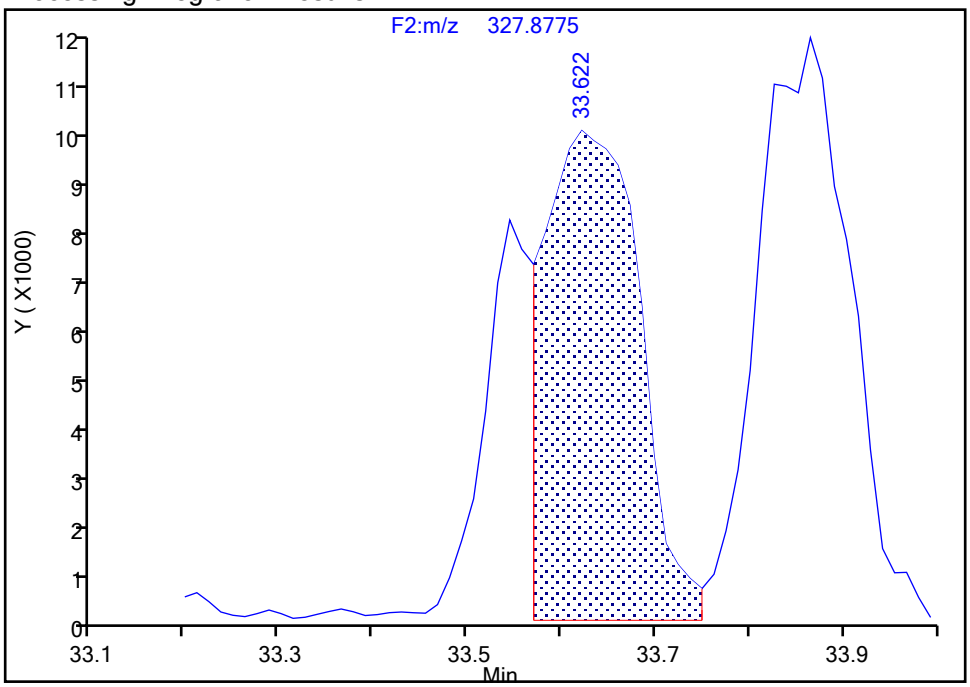
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-85/116/117, CAS: STL01810

Signal: 2

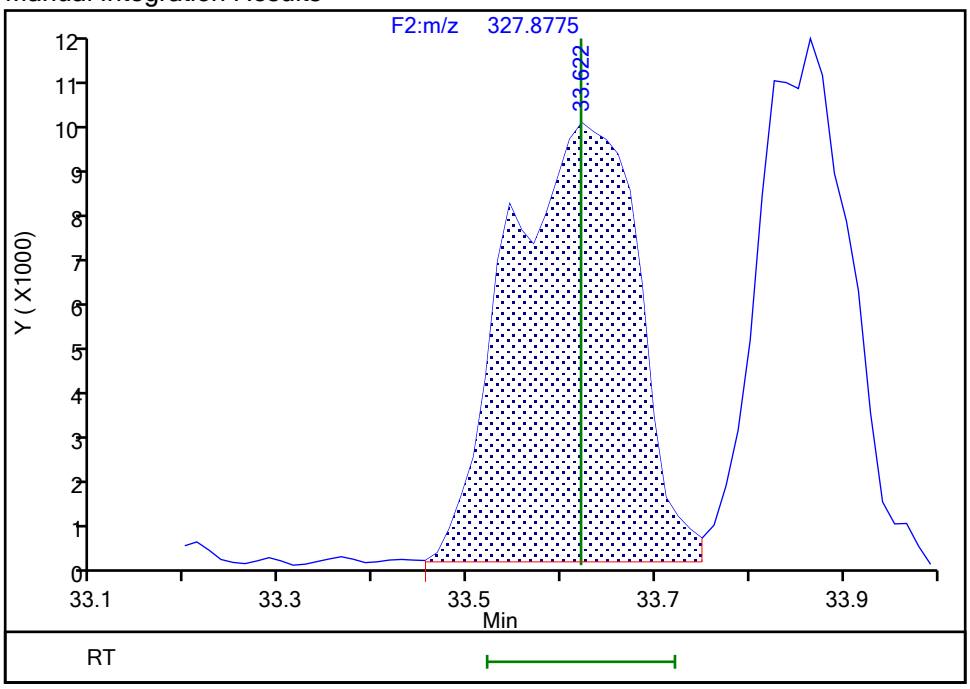
Processing Integration Results

RT: 33.62
Area: 65792
Amount: 1.272753
Amount Units: pg/ul



Manual Integration Results

RT: 33.62
Area: 89901
Amount: 1.492818
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:03:25
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

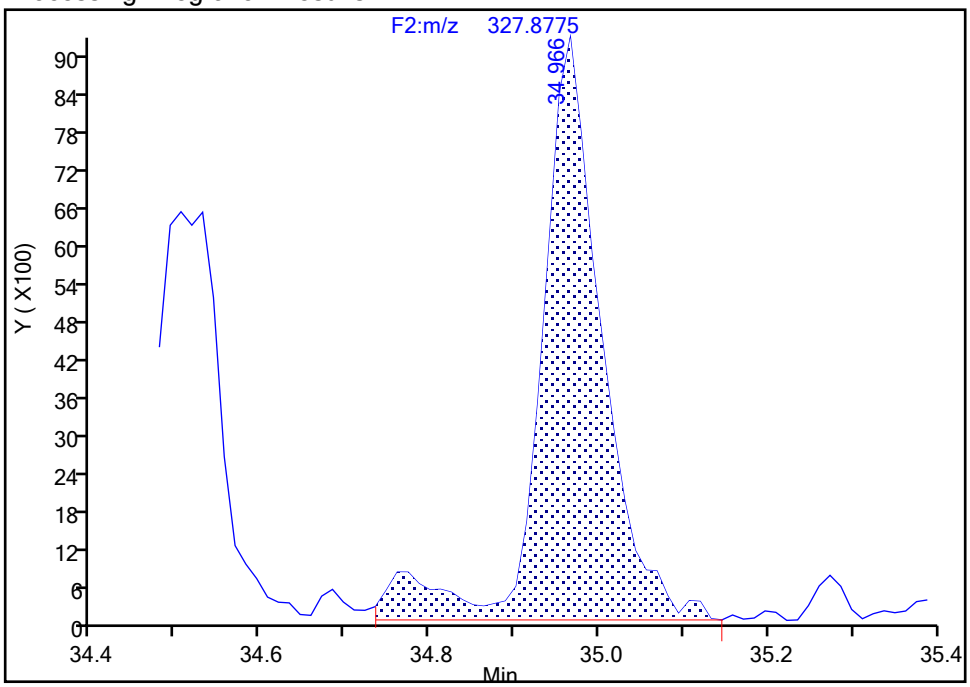
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-120, CAS: 68194-12-7

Signal: 2

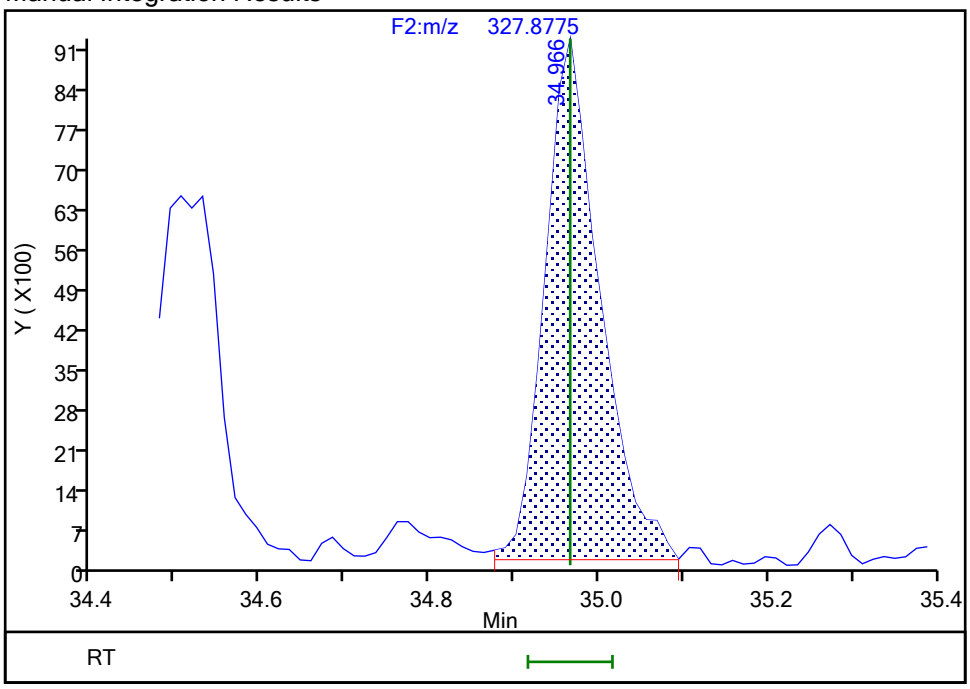
Processing Integration Results

RT: 34.97
Area: 46670
Amount: 0.529177
Amount Units: pg/ul



Manual Integration Results

RT: 34.97
Area: 41185
Amount: 0.513144
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:03:47

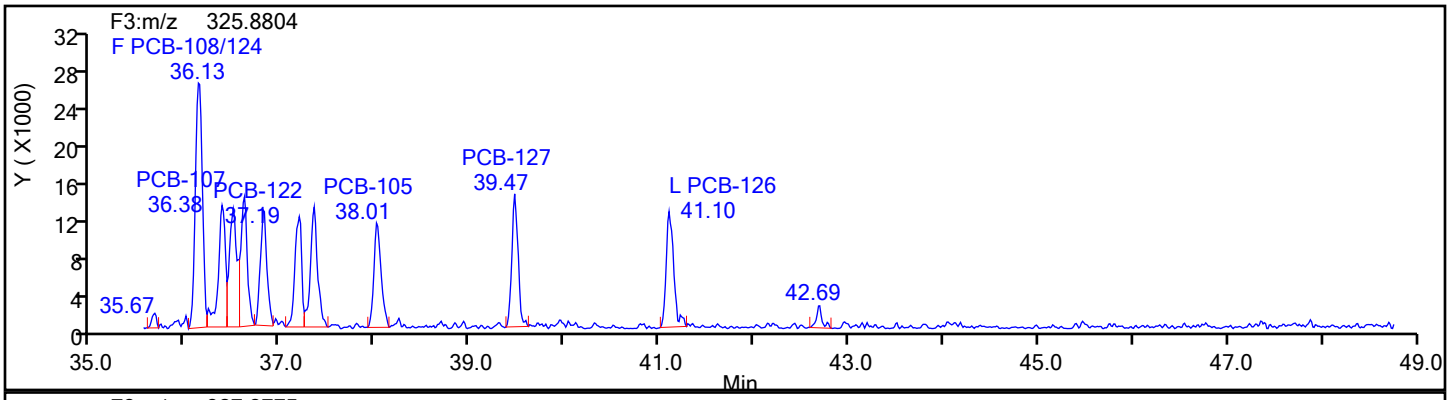
Audit Action: Manually Integrated Audit Reason: Split Peak

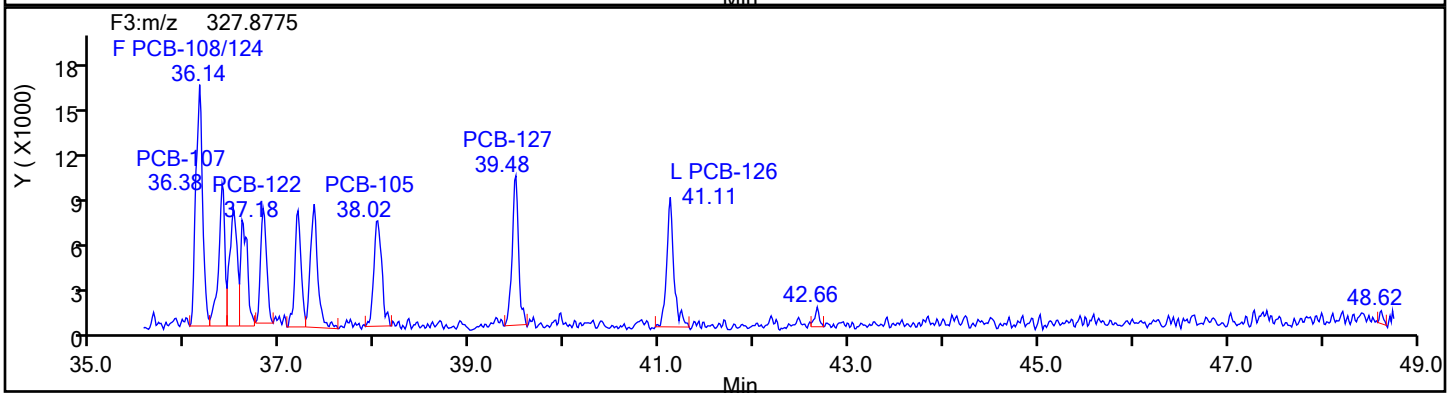
Report Date: 08-Oct-2021 19:10:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

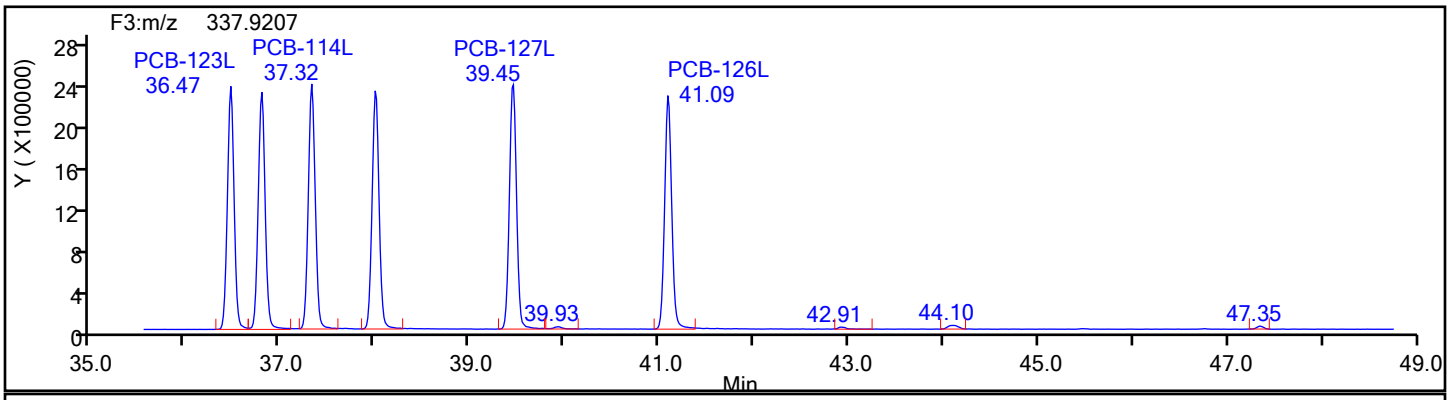
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

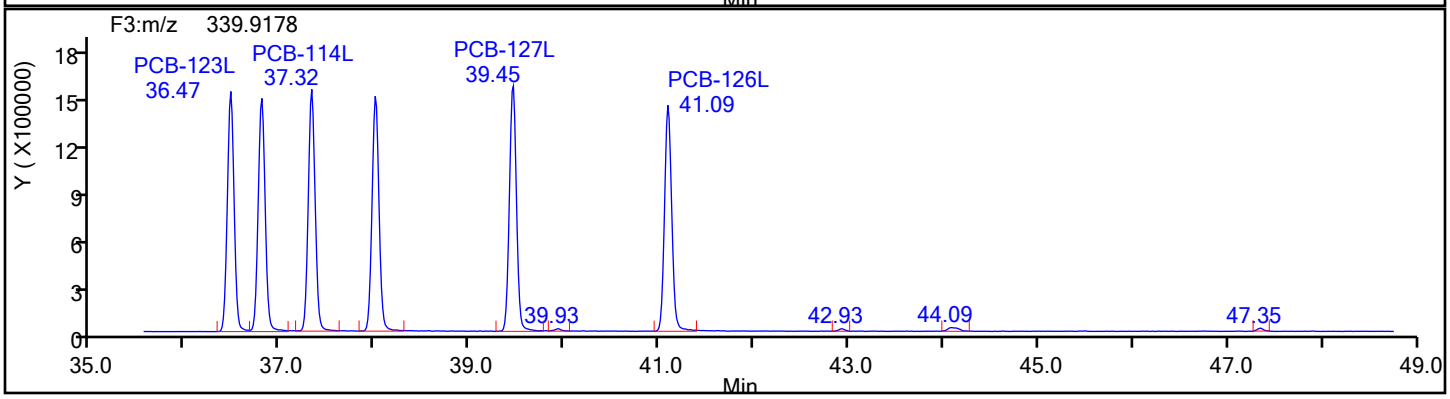
PePCB F3





PePCB F3 Standards





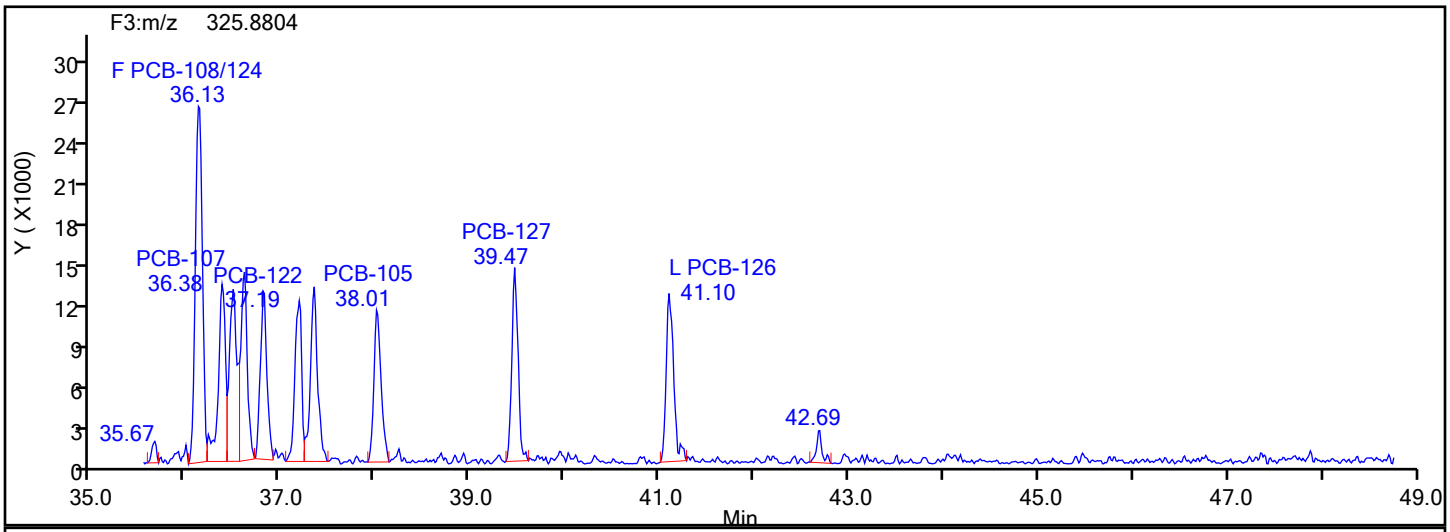
Report Date: 08-Oct-2021 19:10:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

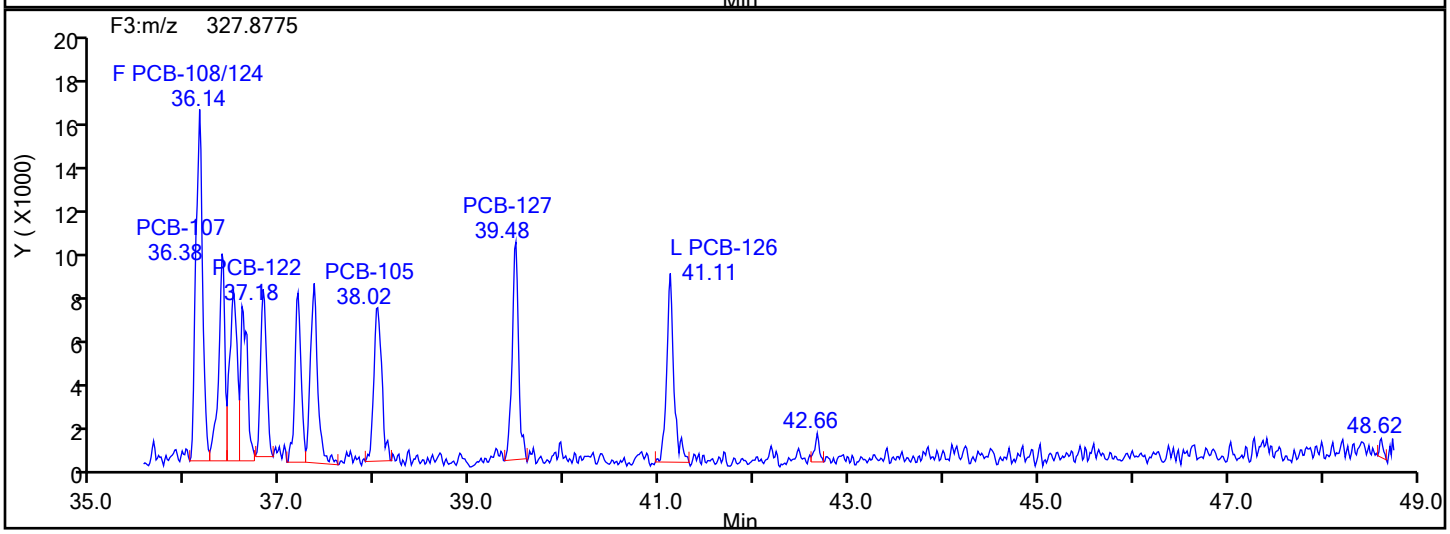
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d

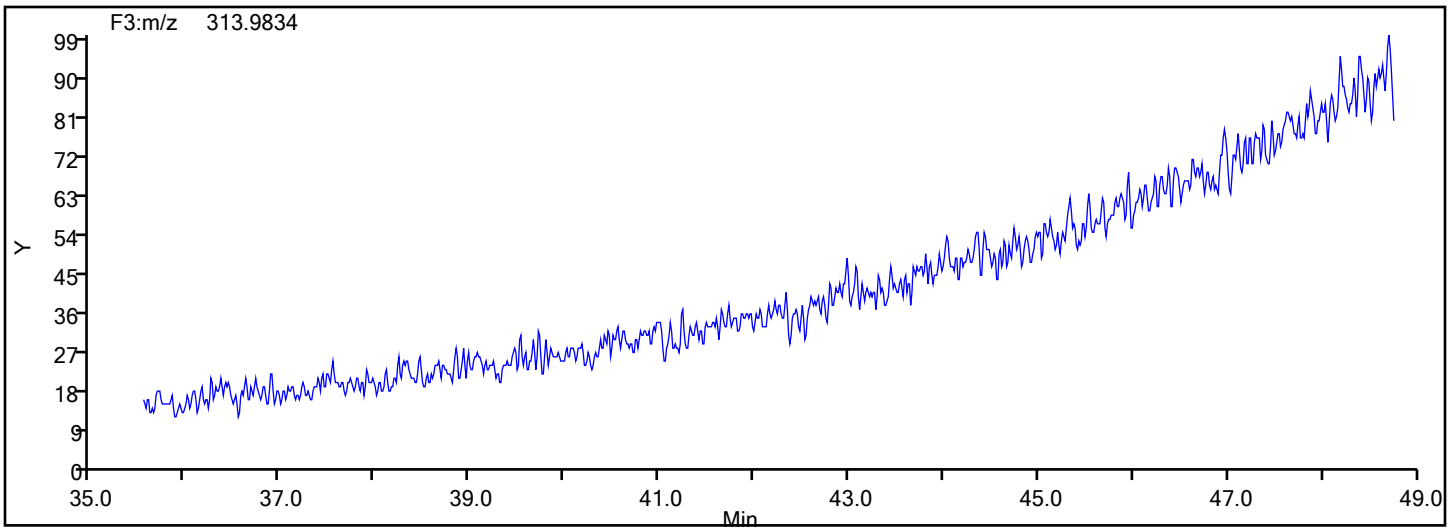
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

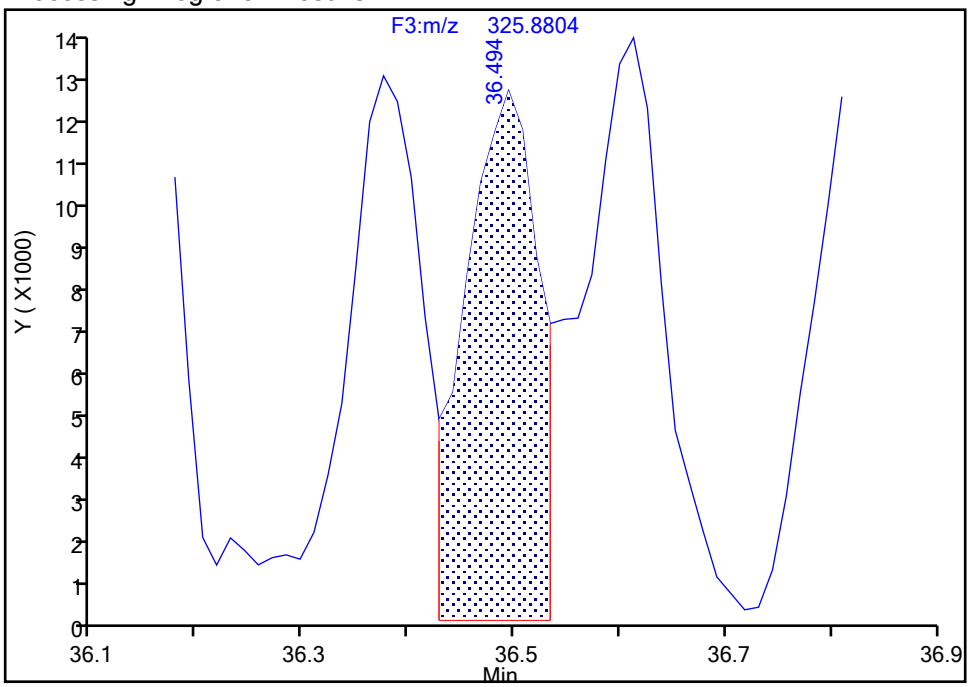
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-123, CAS: 65510-44-3

Signal: 1

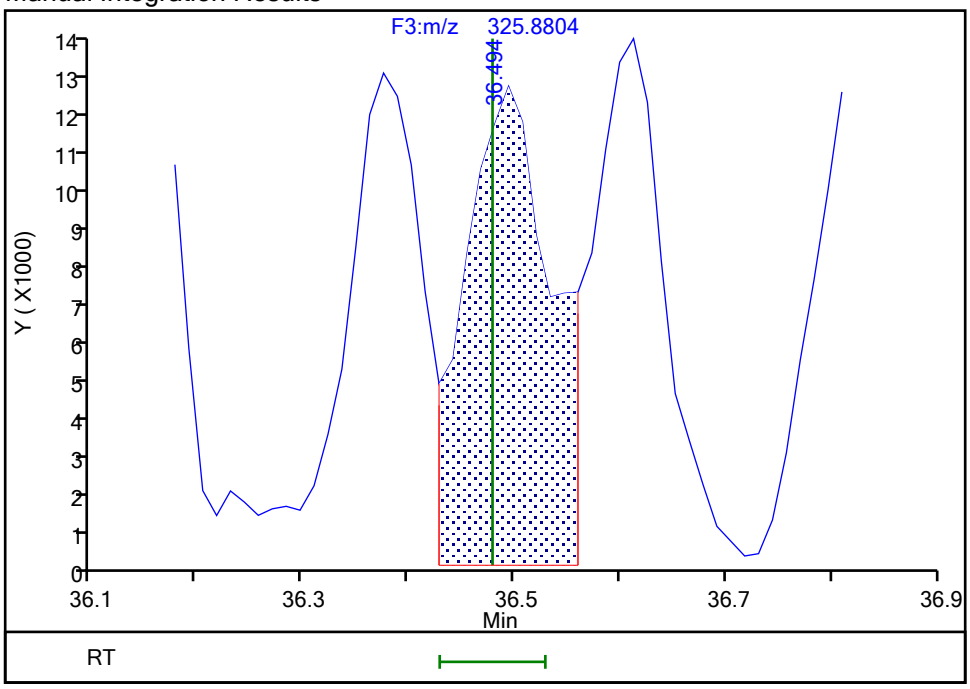
Processing Integration Results

RT: 36.49
Area: 58410
Amount: 0.511535
Amount Units: pg/ul



Manual Integration Results

RT: 36.49
Area: 69547
Amount: 0.559888
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:04:57

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

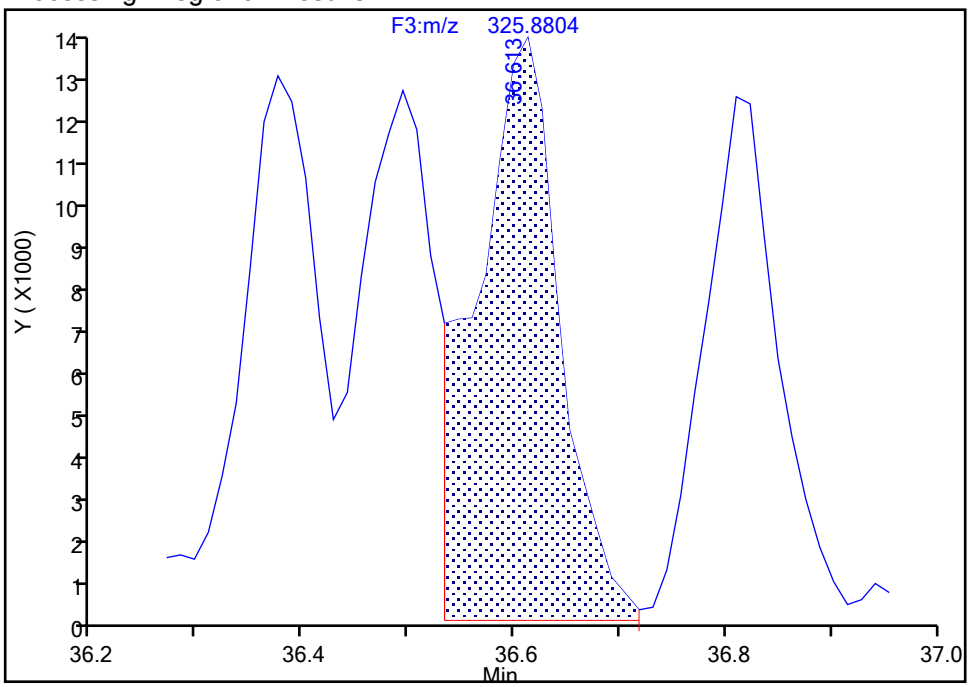
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-106, CAS: 70424-69-0

Signal: 1

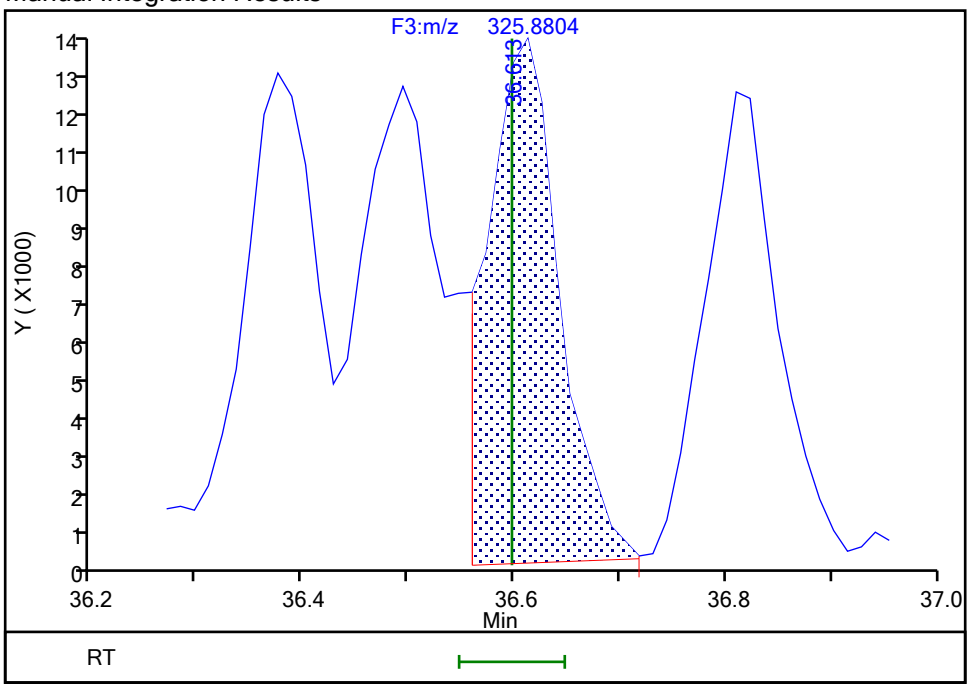
Processing Integration Results

RT: 36.61
Area: 75393
Amount: 0.500322
Amount Units: pg/ul



Manual Integration Results

RT: 36.61
Area: 63308
Amount: 0.429698
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:04:57

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

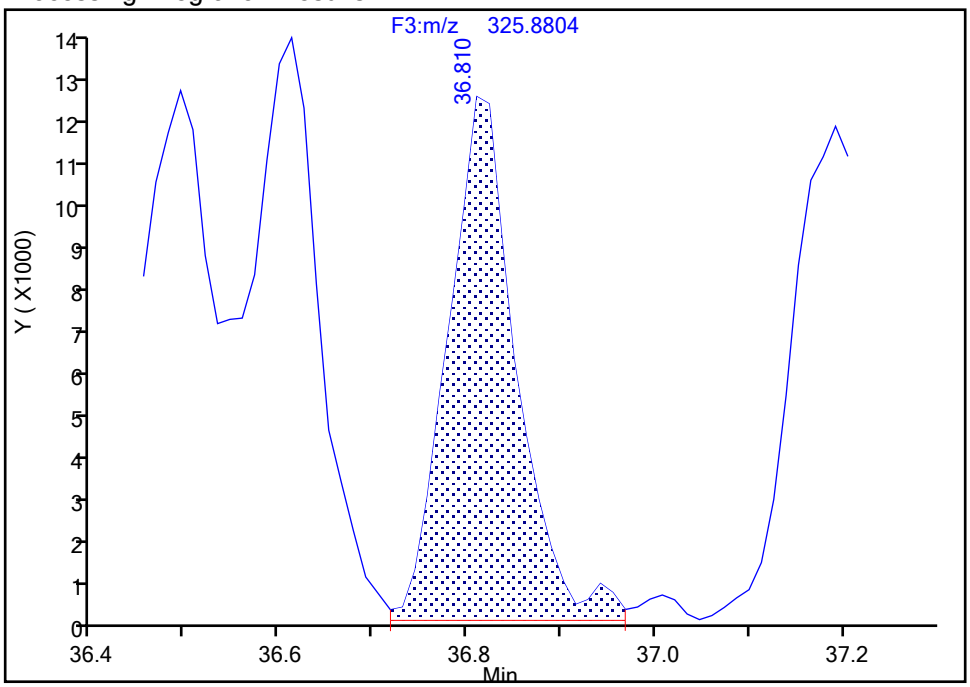
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 1

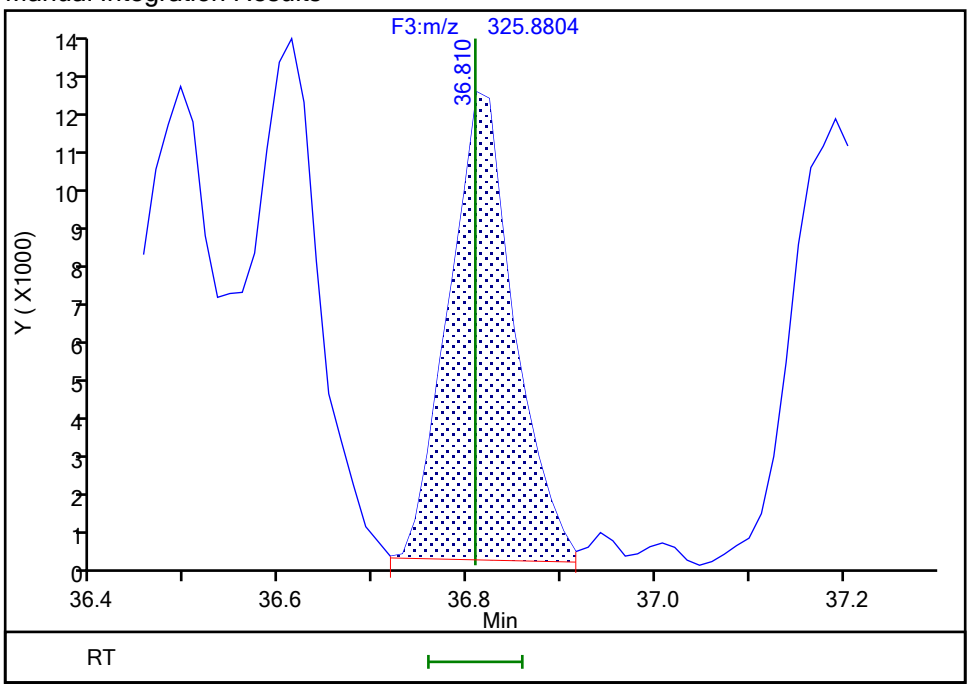
Processing Integration Results

RT: 36.81
Area: 62802
Amount: 0.500000
Amount Units: pg/ul



Manual Integration Results

RT: 36.81
Area: 59129
Amount: 0.465093
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 12:22:26
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

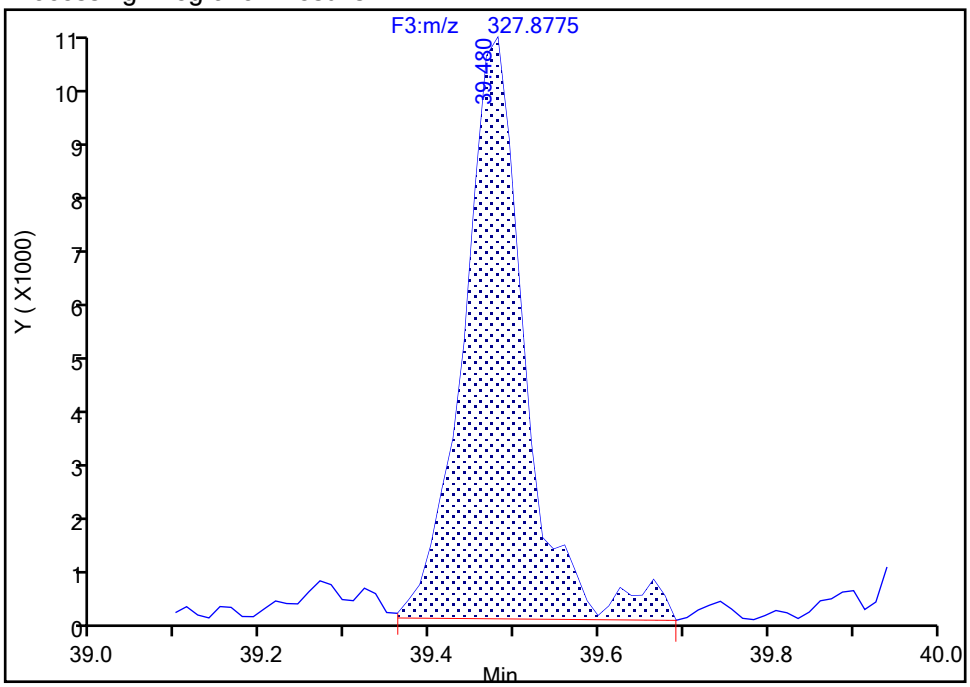
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-127, CAS: 39635-33-1

Signal: 2

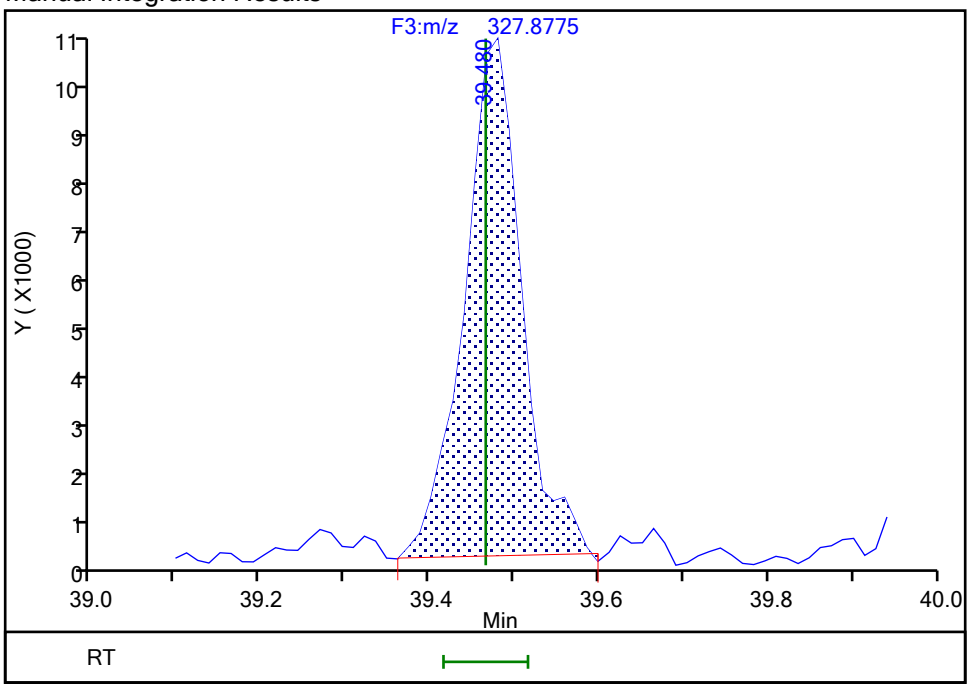
Processing Integration Results

RT: 39.48
Area: 51581
Amount: 0.515940
Amount Units: pg/ul



Manual Integration Results

RT: 39.48
Area: 47121
Amount: 0.482097
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:05:38

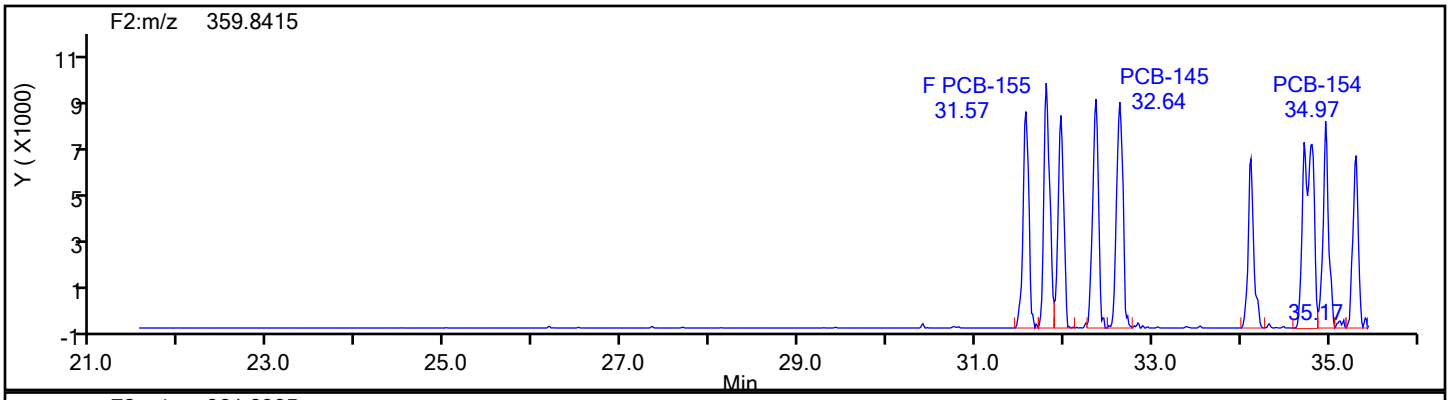
Audit Action: Manually Integrated Audit Reason: Split Peak

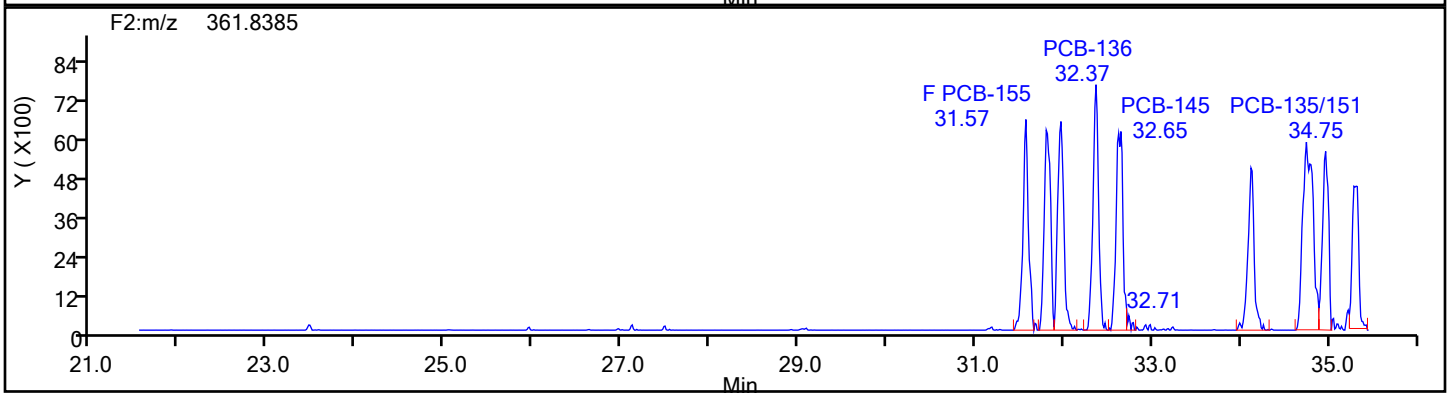
Report Date: 08-Oct-2021 19:10:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

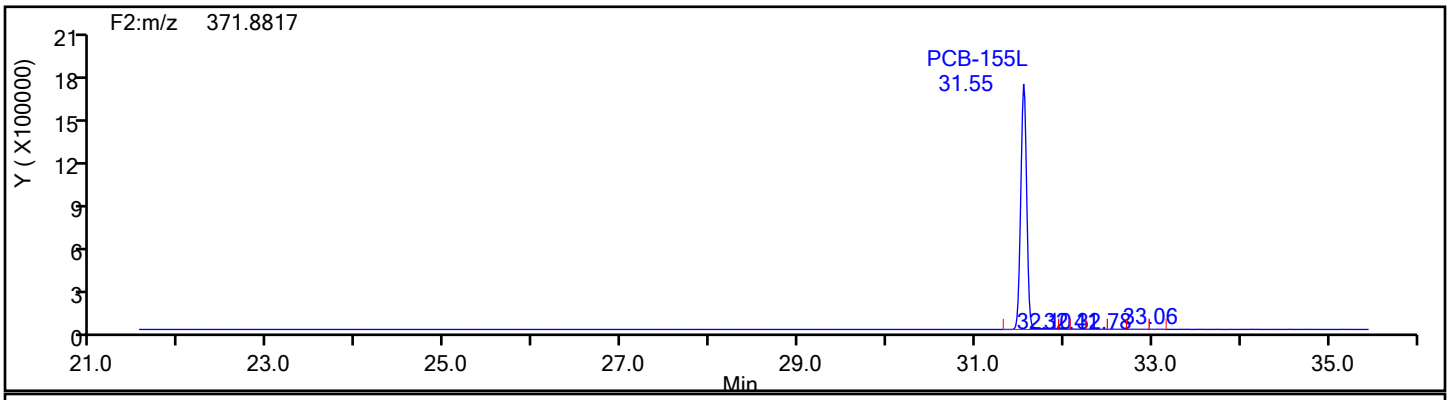
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

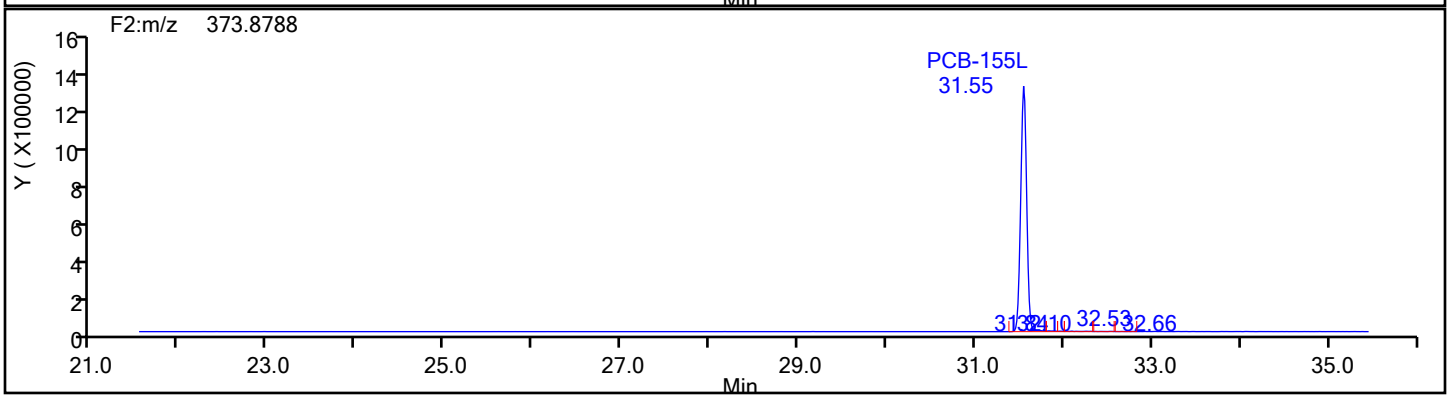
HxPCB F2





HxPCB F2 Standards



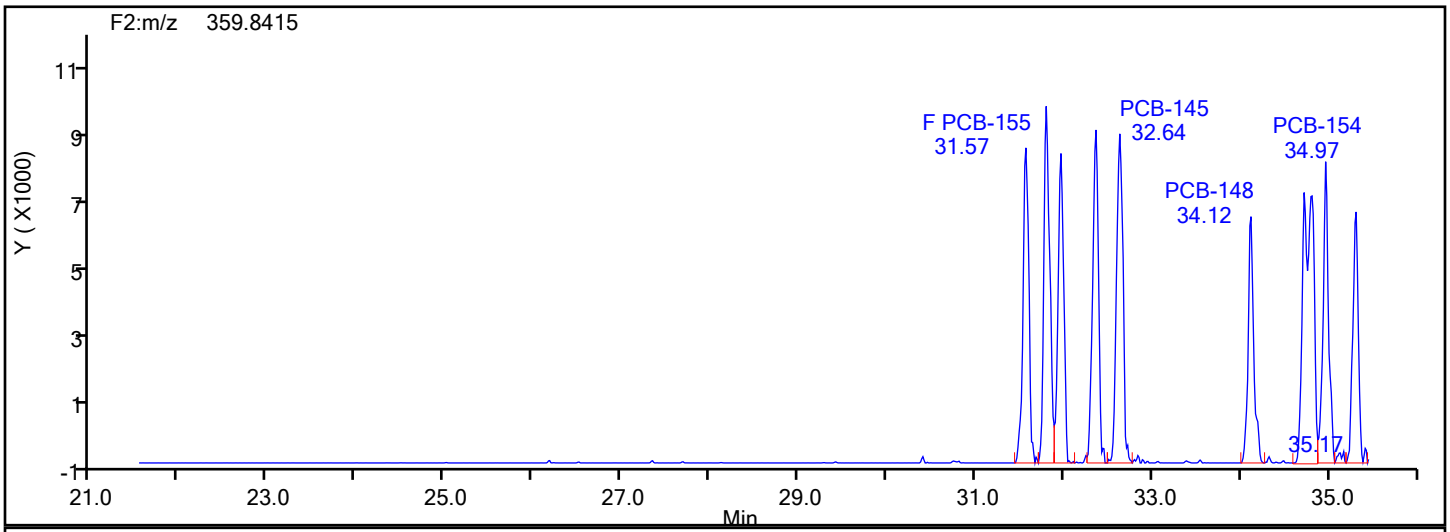


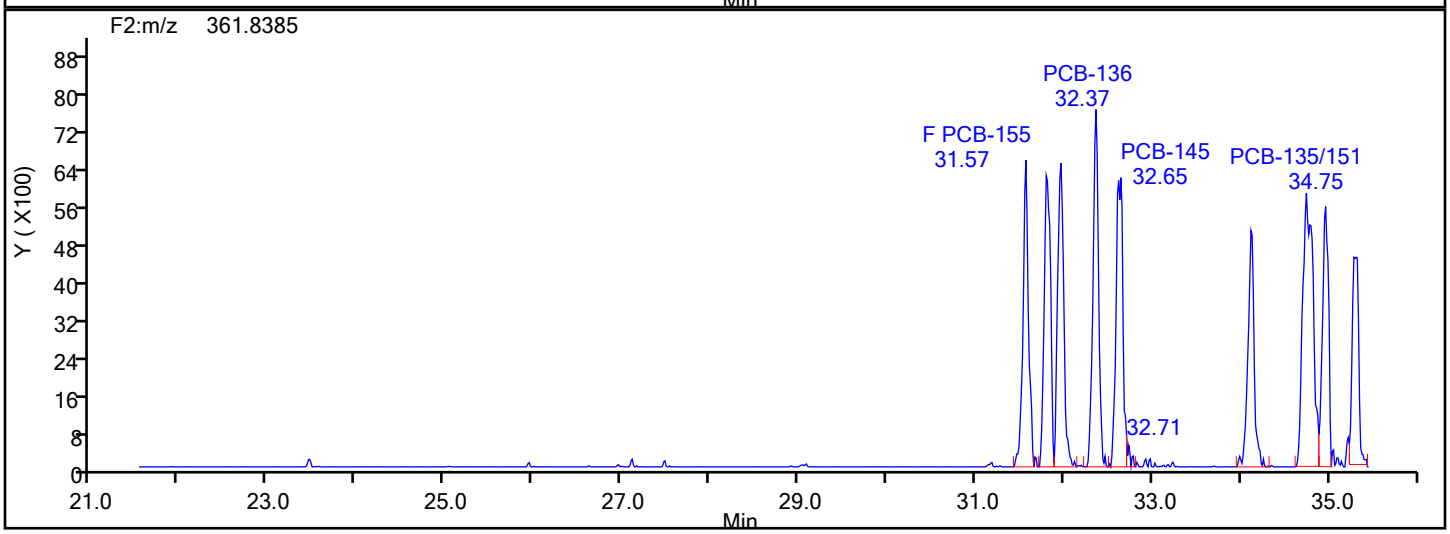
Report Date: 08-Oct-2021 19:10:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

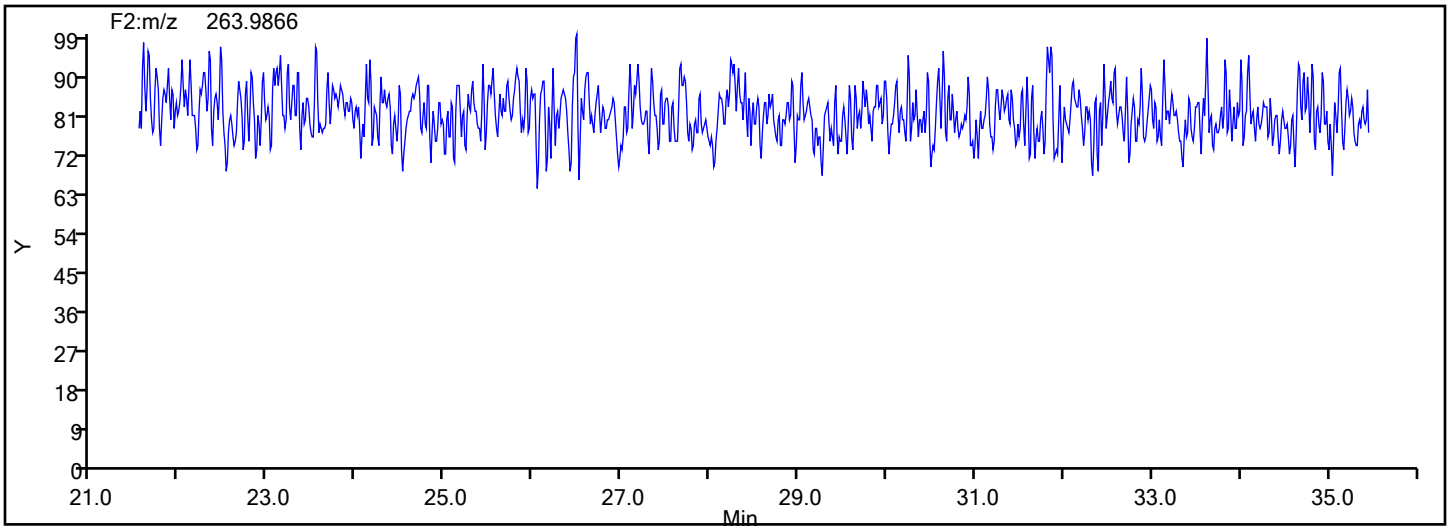
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

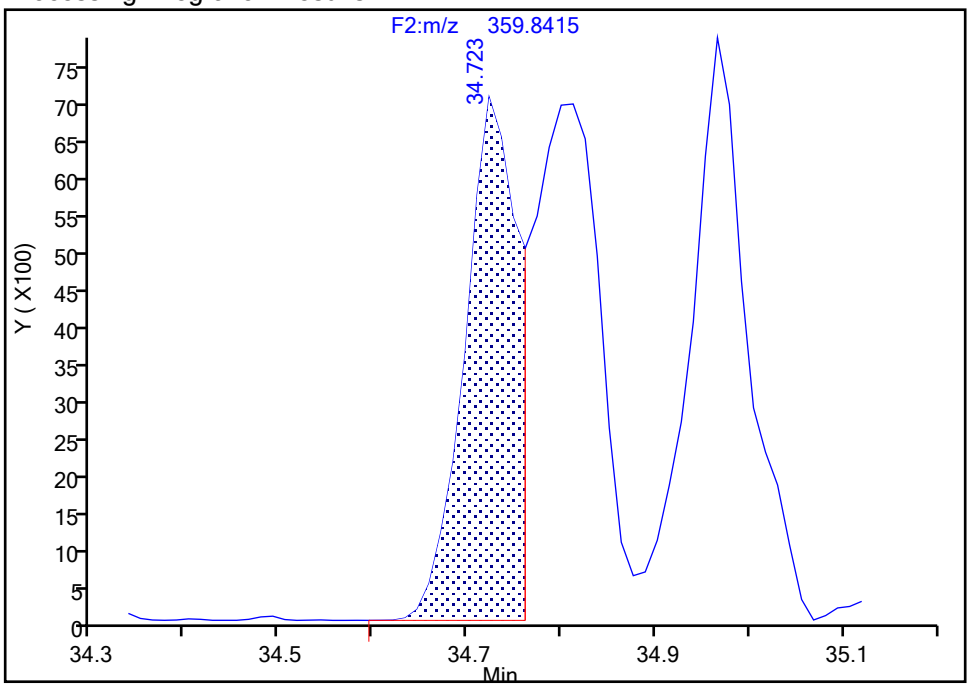
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 1

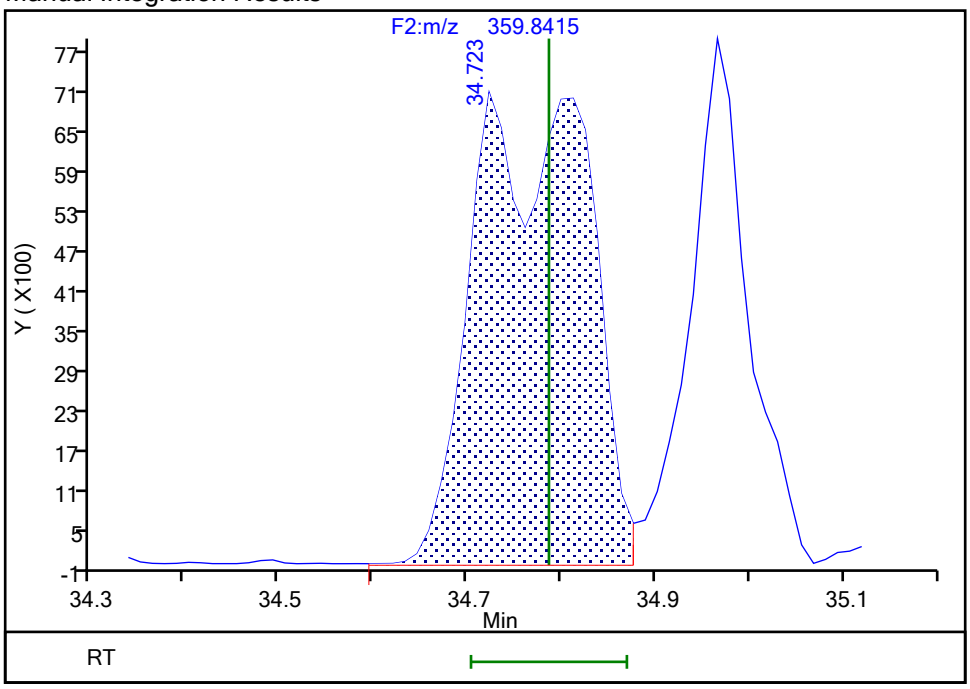
Processing Integration Results

RT: 34.72
Area: 26498
Amount: 0.841594
Amount Units: pg/ul



Manual Integration Results

RT: 34.72
Area: 60040
Amount: 1.031375
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:06:00
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

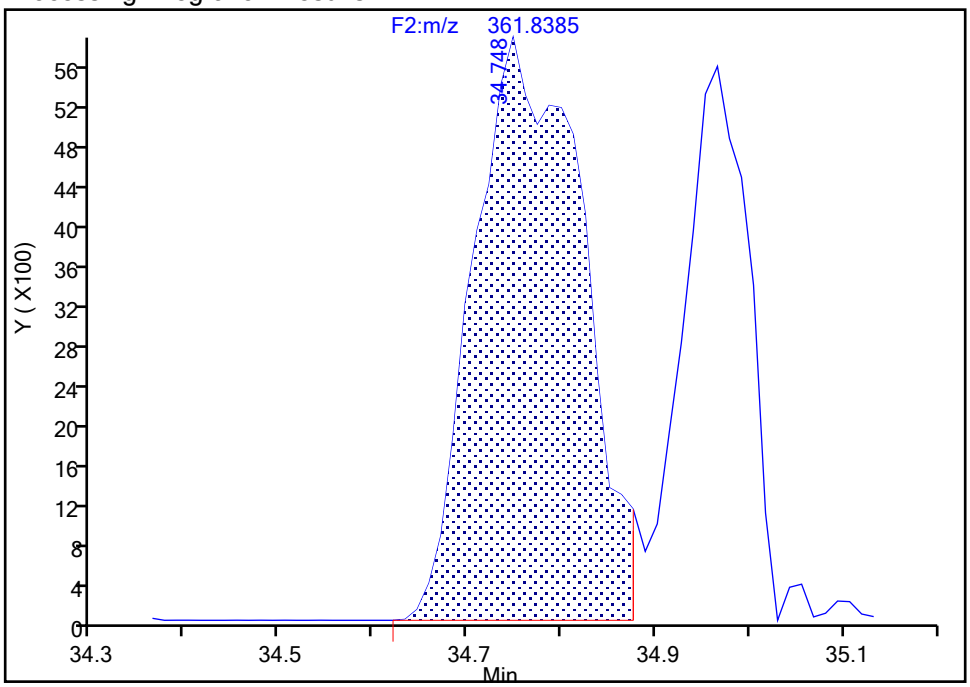
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 2

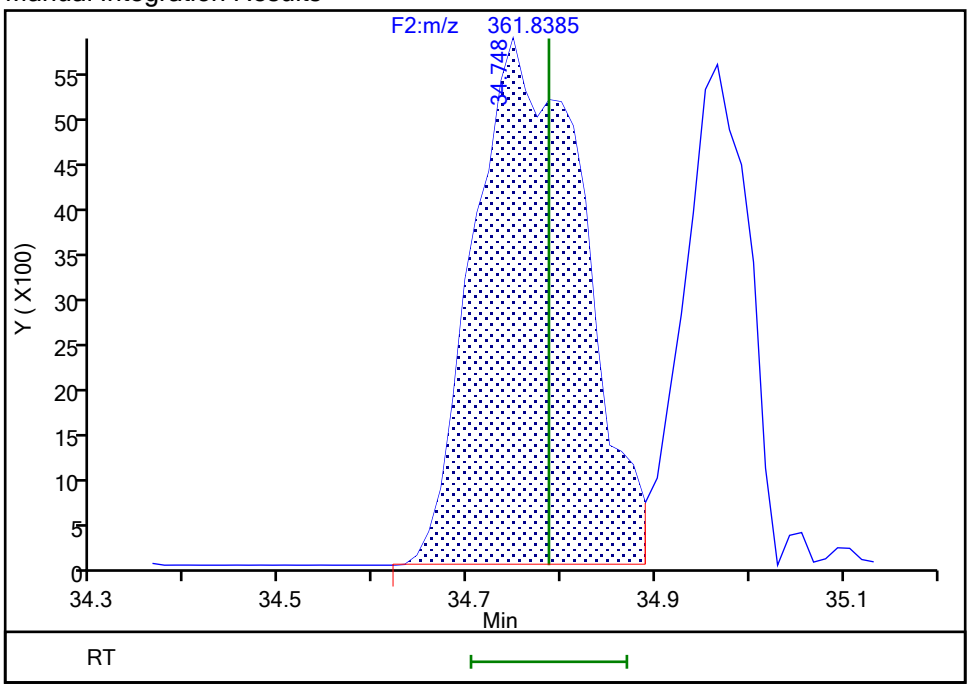
Processing Integration Results

RT: 34.75
Area: 46770
Amount: 0.841594
Amount Units: pg/ul



Manual Integration Results

RT: 34.75
Area: 47284
Amount: 1.031375
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:06:11

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

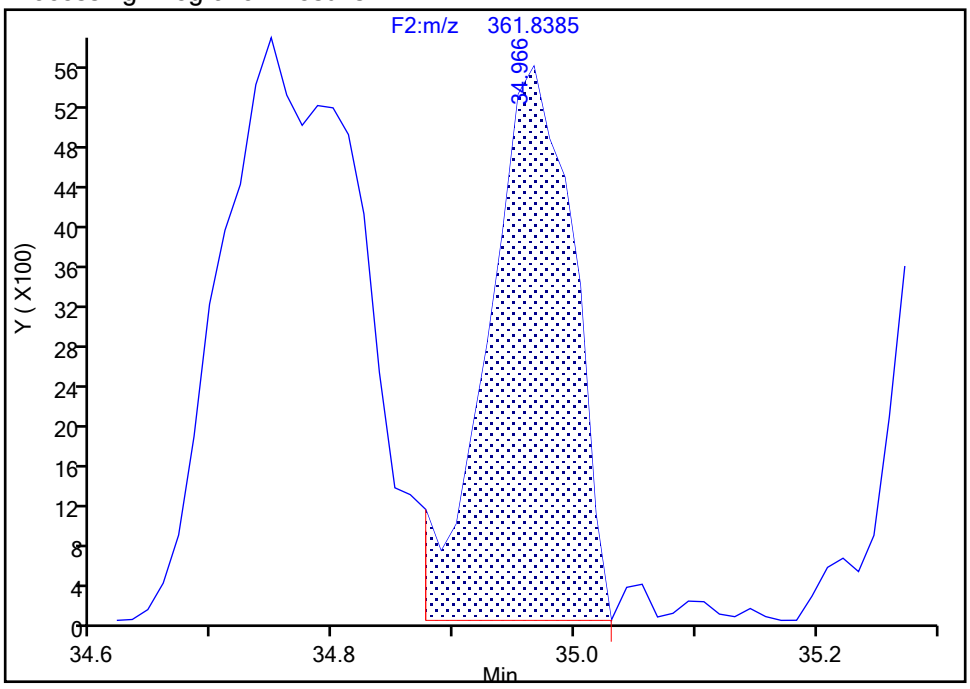
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-154, CAS: 60145-22-4

Signal: 2

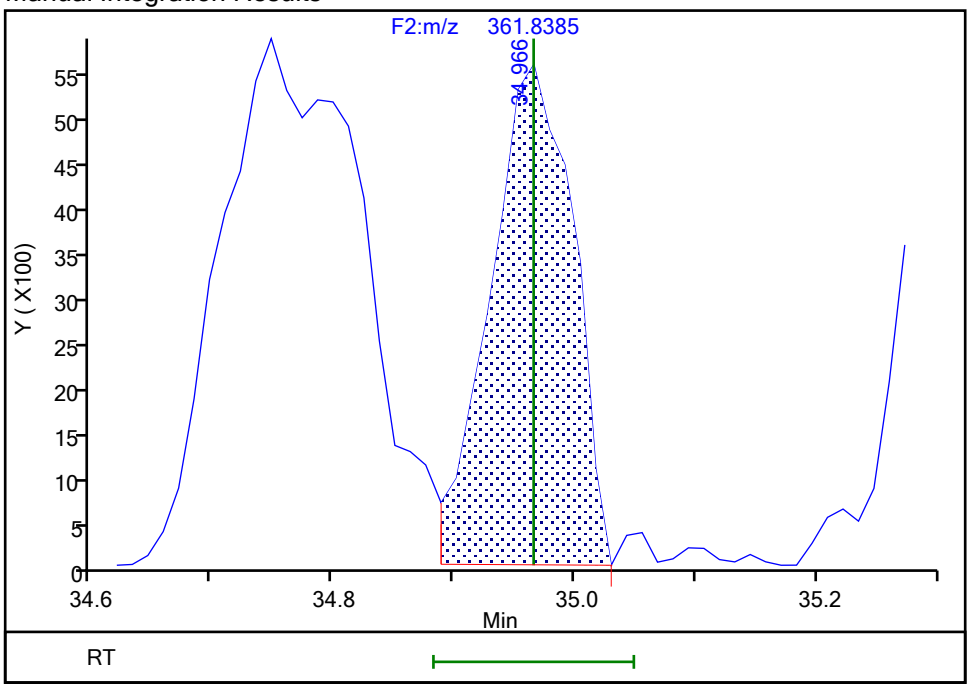
Processing Integration Results

RT: 34.97
Area: 27148
Amount: 0.525858
Amount Units: pg/ul



Manual Integration Results

RT: 34.97
Area: 26410
Amount: 0.522132
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:06:11
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

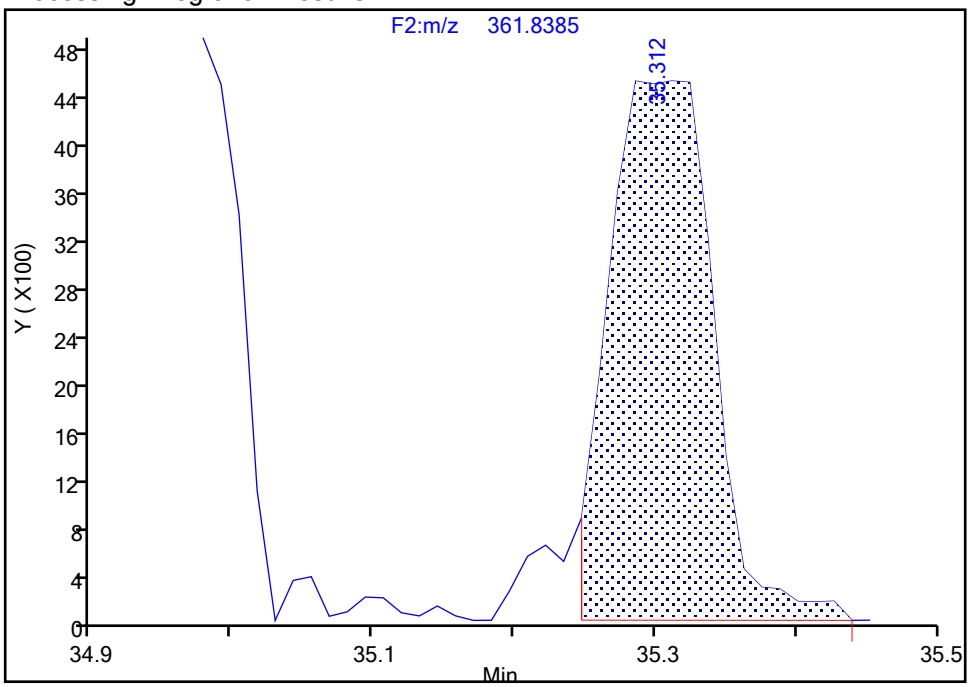
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-144, CAS: 68194-14-9

Signal: 2

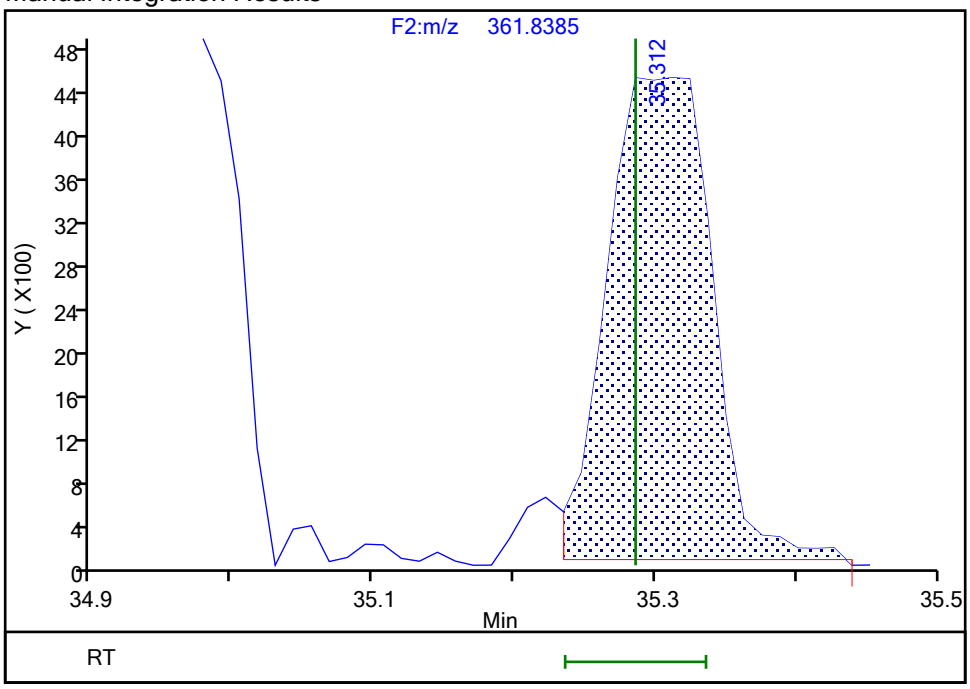
Processing Integration Results

RT: 35.31
Area: 22883
Amount: 0.493078
Amount Units: pg/ul



Manual Integration Results

RT: 35.31
Area: 22770
Amount: 0.497319
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:06:24

Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:10:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d

Injection Date: 08-Oct-2021 11:14:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

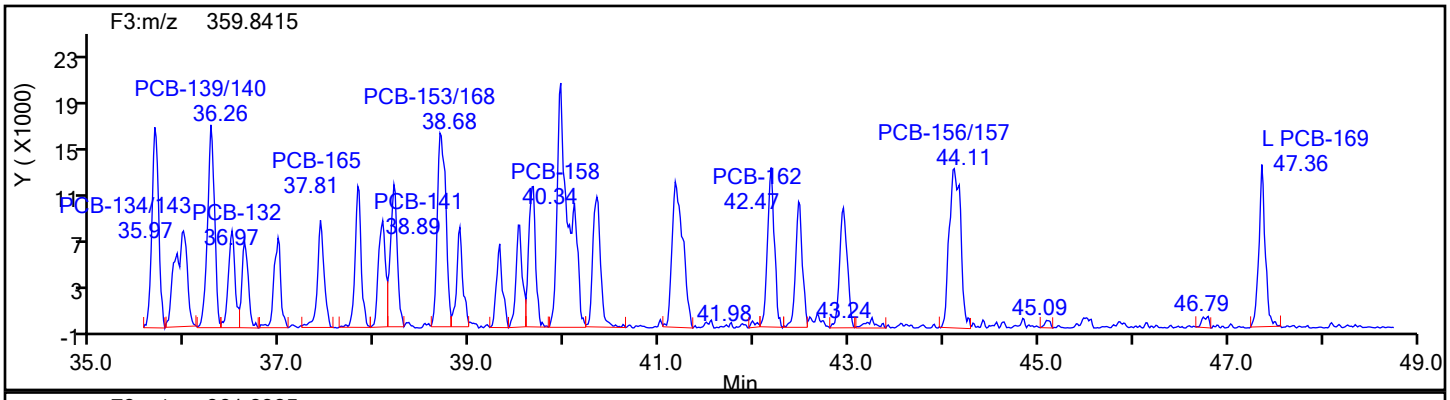
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

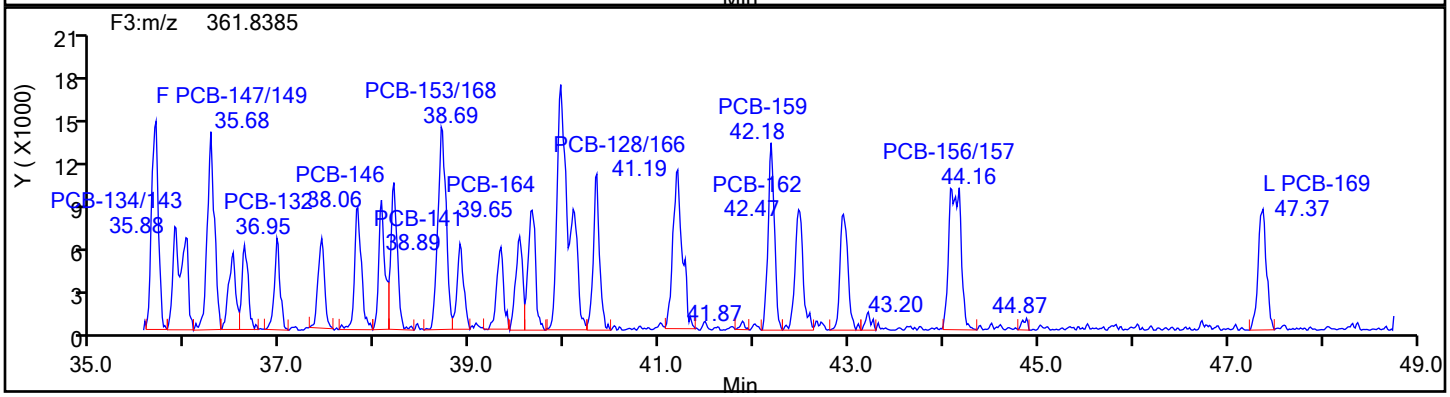
Client ID:

Worklist#: 54640 Sample Line#: 1

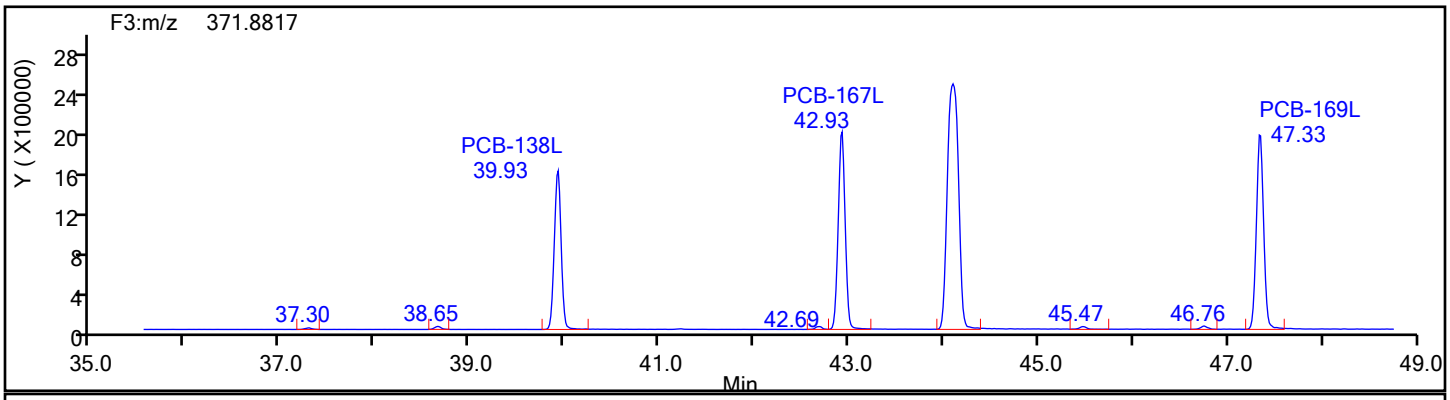
Column Type: Column Dia:

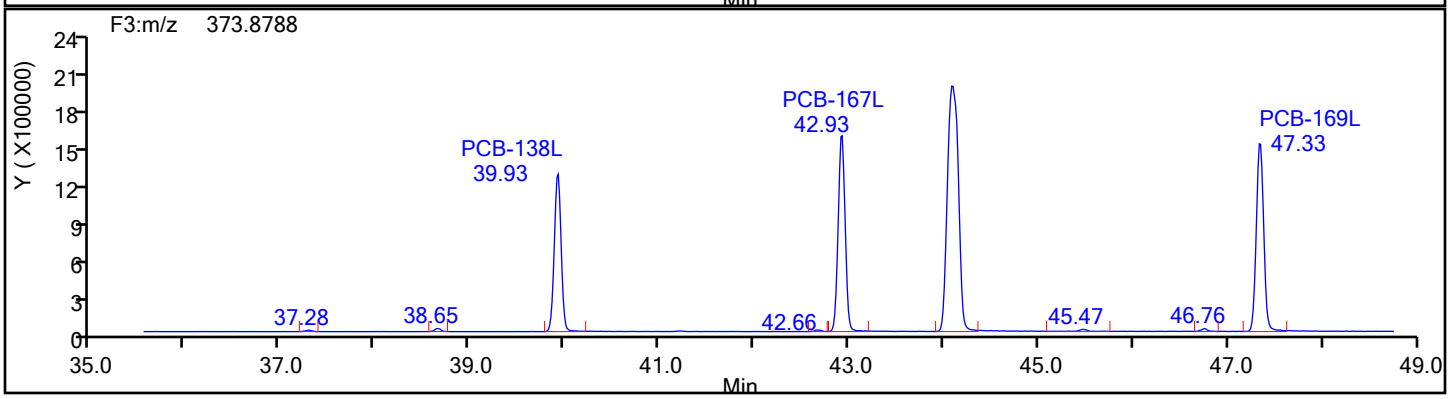
HxPCB F3





HxPCB F3 Standards



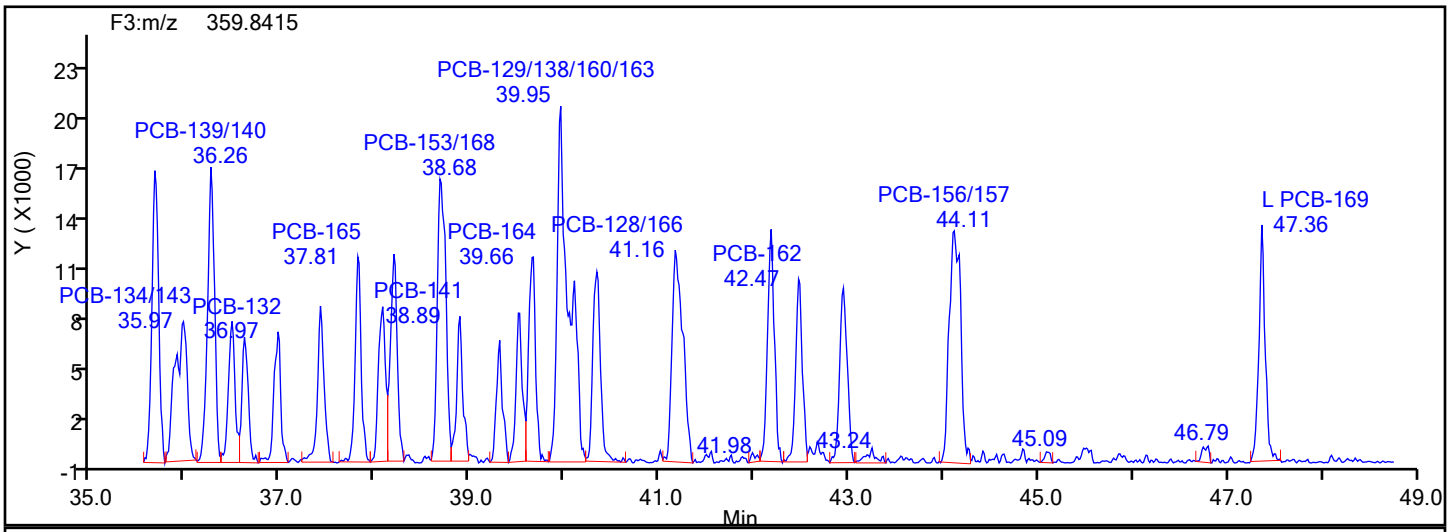


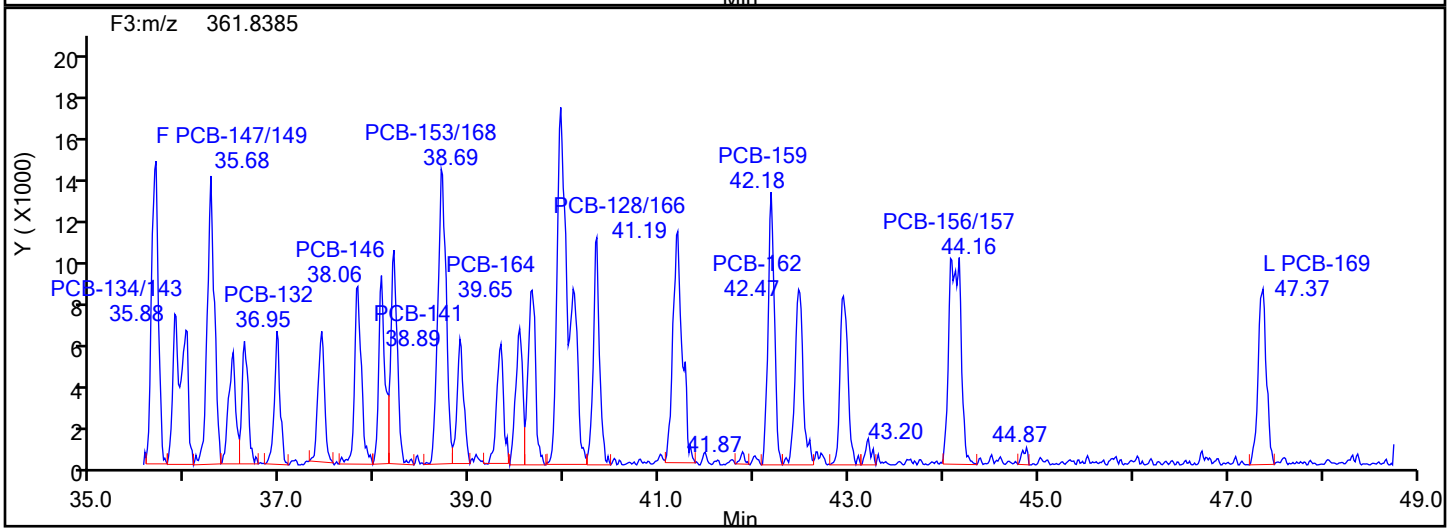
Report Date: 08-Oct-2021 19:10:39 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

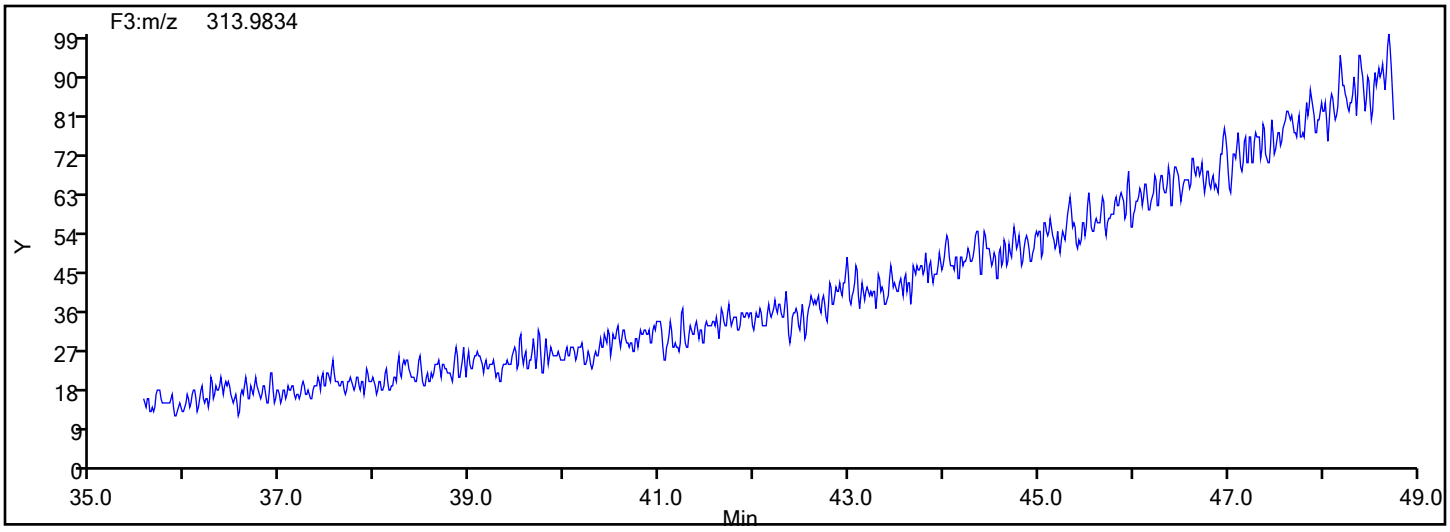
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

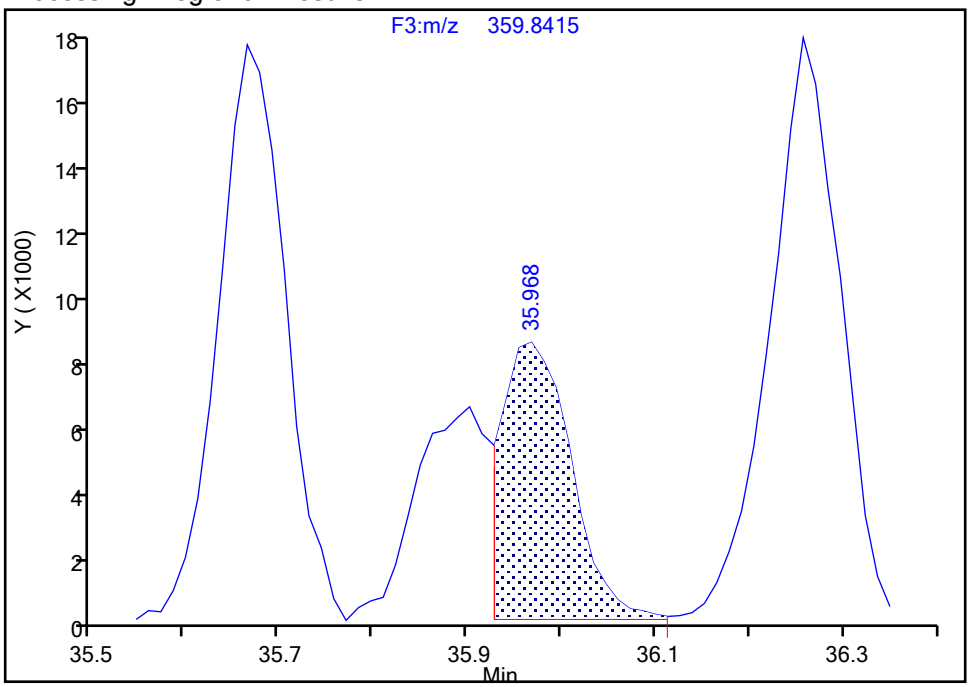
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 1

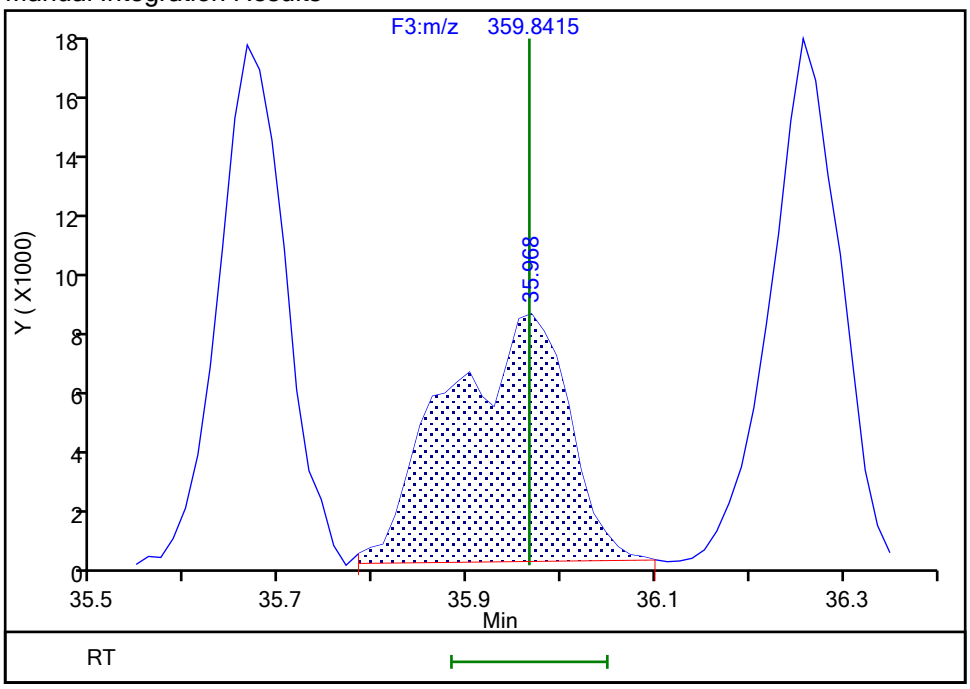
Processing Integration Results

RT: 35.97
Area: 40839
Amount: 0.733687
Amount Units: pg/ul



Manual Integration Results

RT: 35.97
Area: 71905
Amount: 1.040574
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:06:33
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

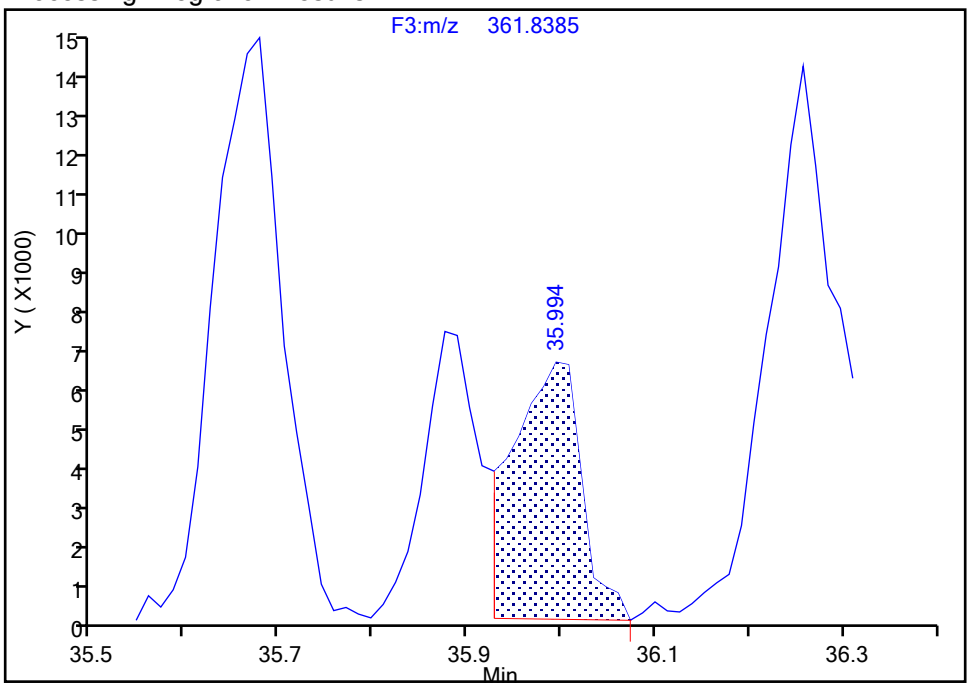
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 2

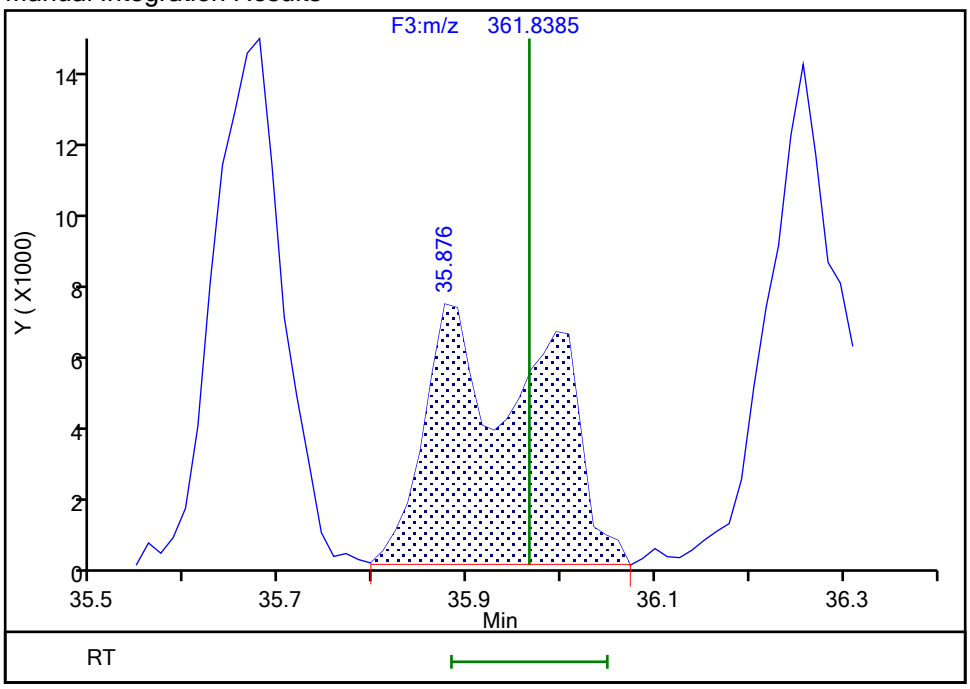
Processing Integration Results

RT: 35.99
Area: 31249
Amount: 0.733687
Amount Units: pg/ul



Manual Integration Results

RT: 35.88
Area: 59490
Amount: 1.040574
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:06:41
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

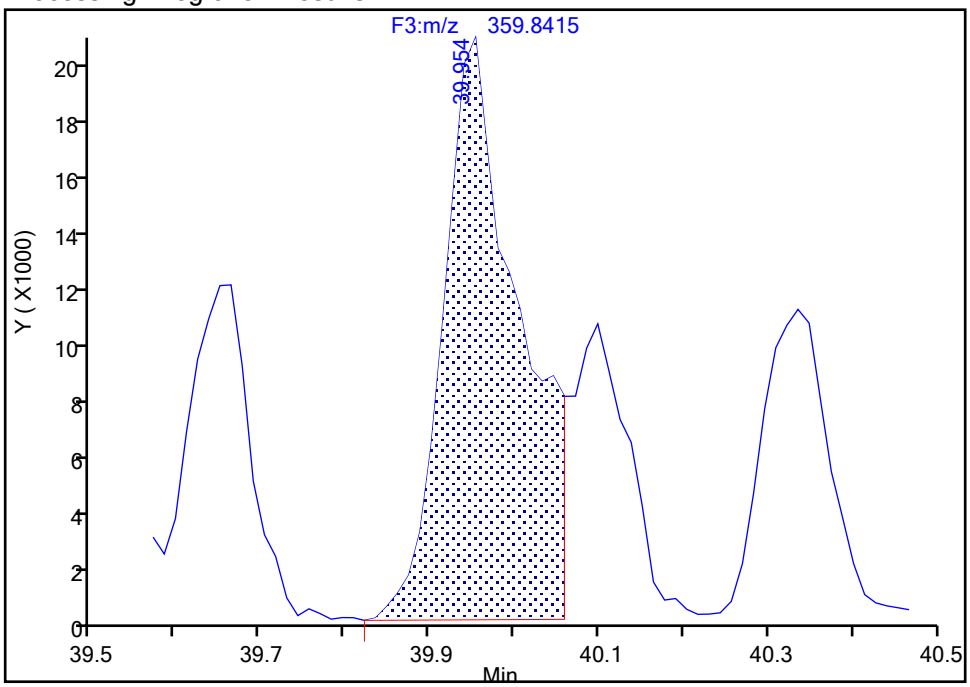
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 1

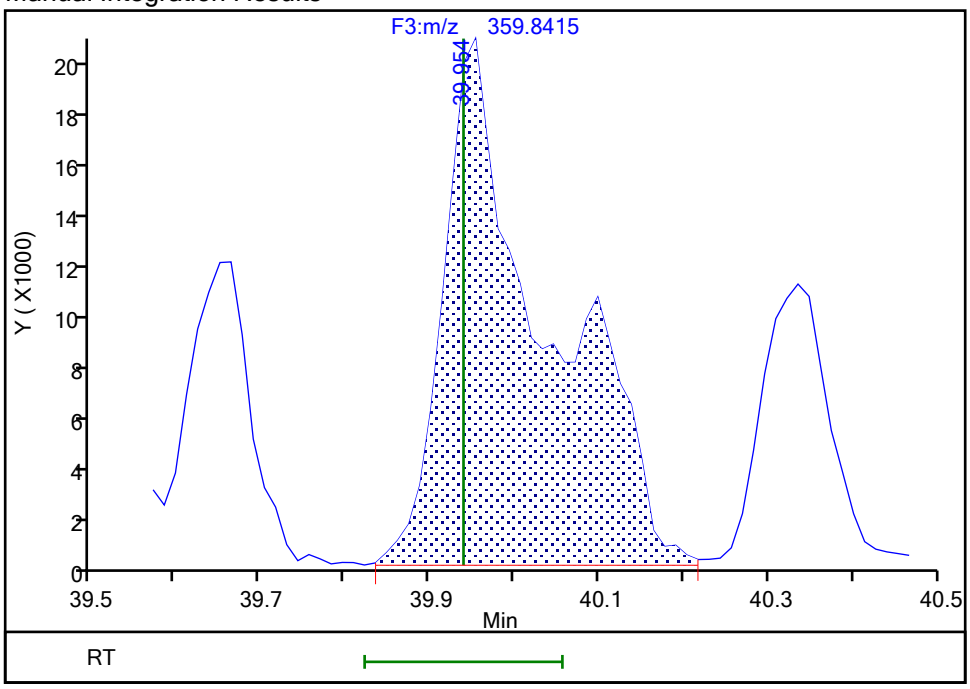
Processing Integration Results

RT: 39.95
Area: 126427
Amount: 1.688313
Amount Units: pg/ul



Manual Integration Results

RT: 39.95
Area: 175264
Amount: 1.983484
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:07:04
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

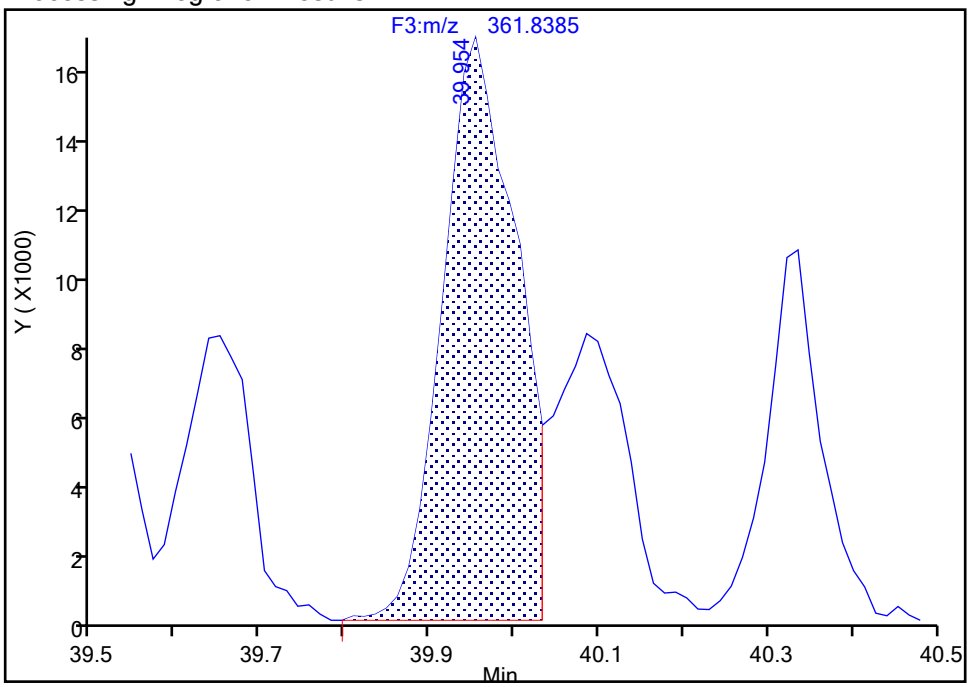
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-129/138/160/163, CAS: STL02296

Signal: 2

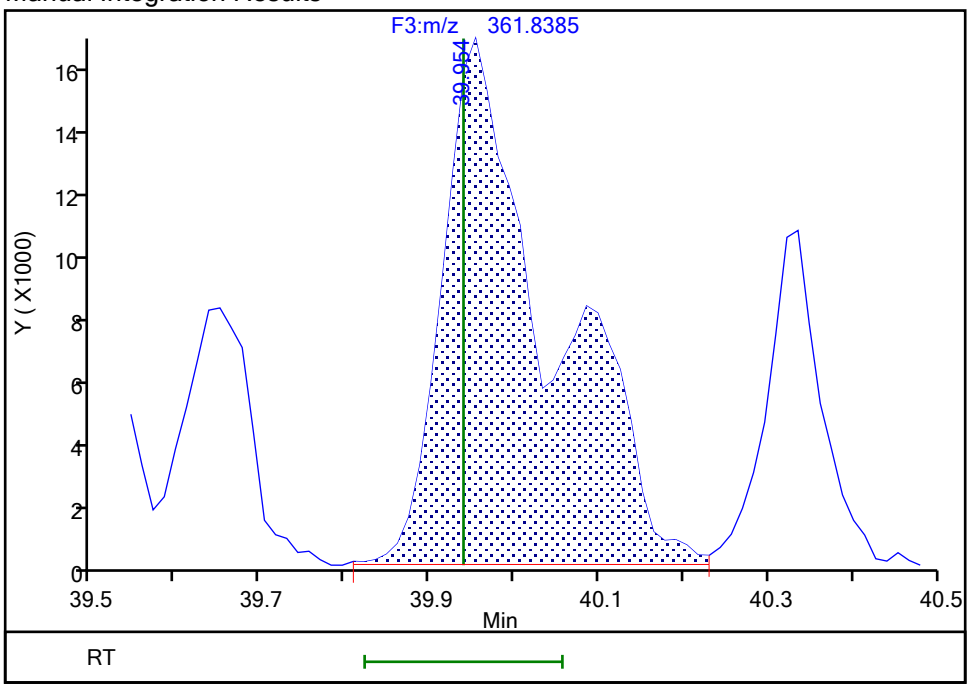
Processing Integration Results

RT: 39.95
Area: 100409
Amount: 1.688313
Amount Units: pg/ul



Manual Integration Results

RT: 39.95
Area: 149229
Amount: 1.983484
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:07:11
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

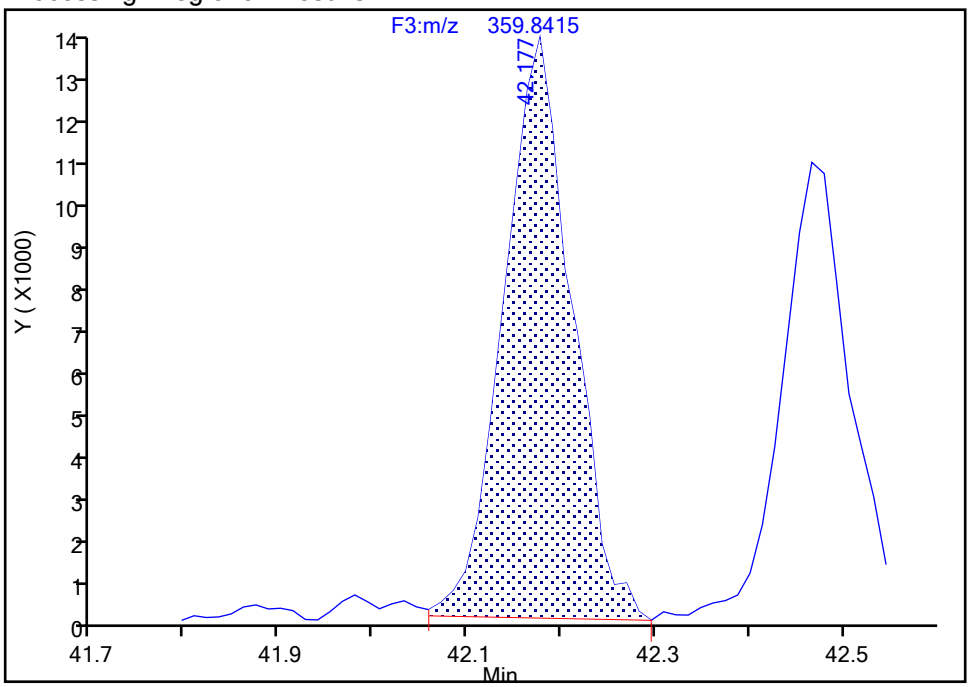
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-159, CAS: 39635-35-3

Signal: 1

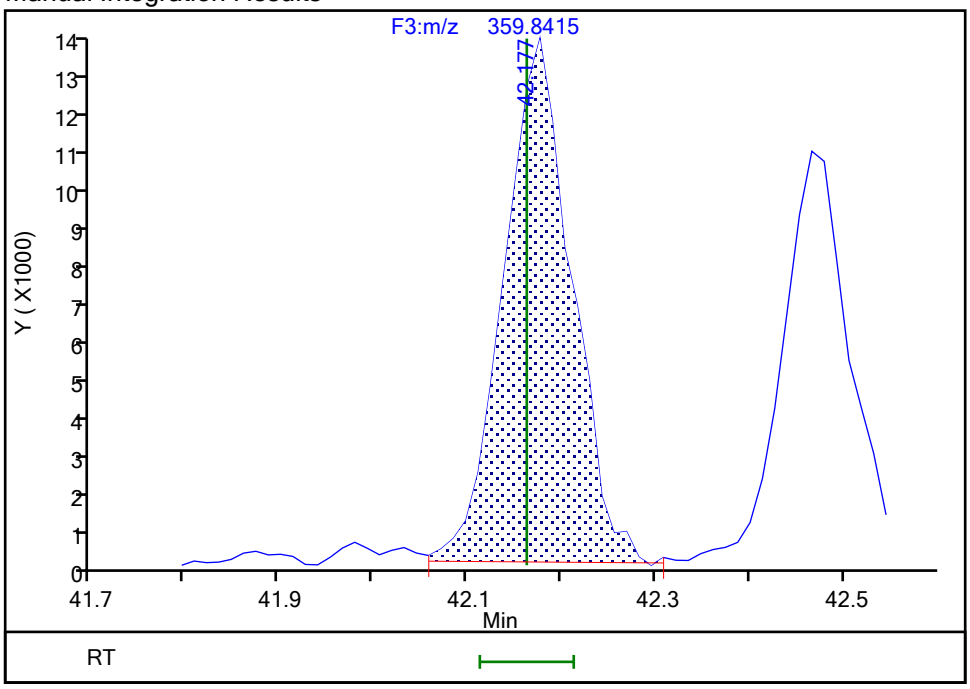
Processing Integration Results

RT: 42.18
Area: 67689
Amount: 0.528046
Amount Units: pg/ul



Manual Integration Results

RT: 42.18
Area: 67299
Amount: 0.523464
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:07:25

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

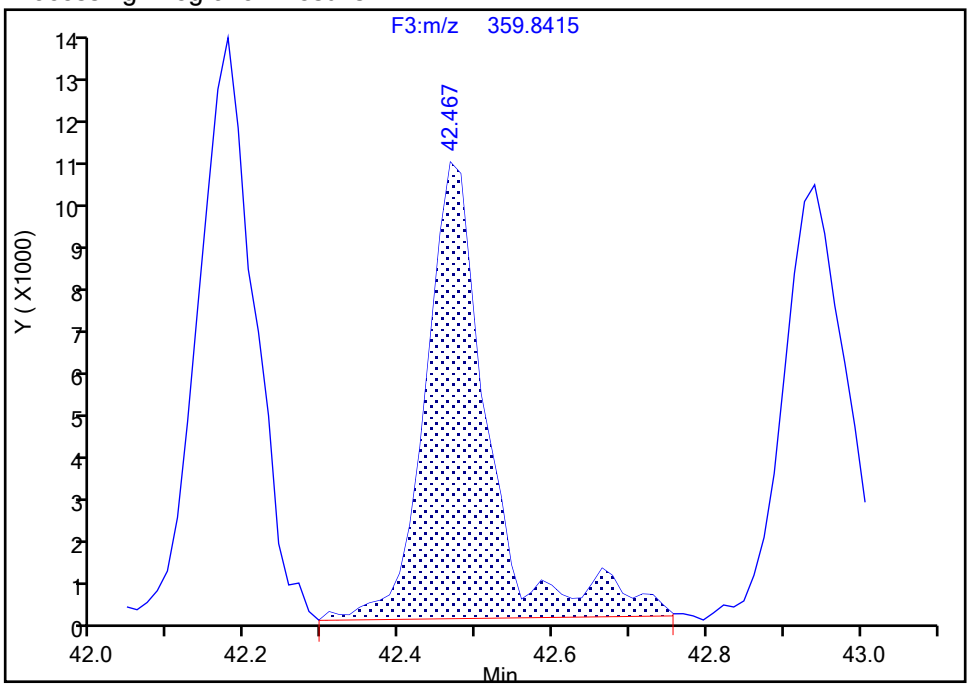
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-162, CAS: 39635-34-2

Signal: 1

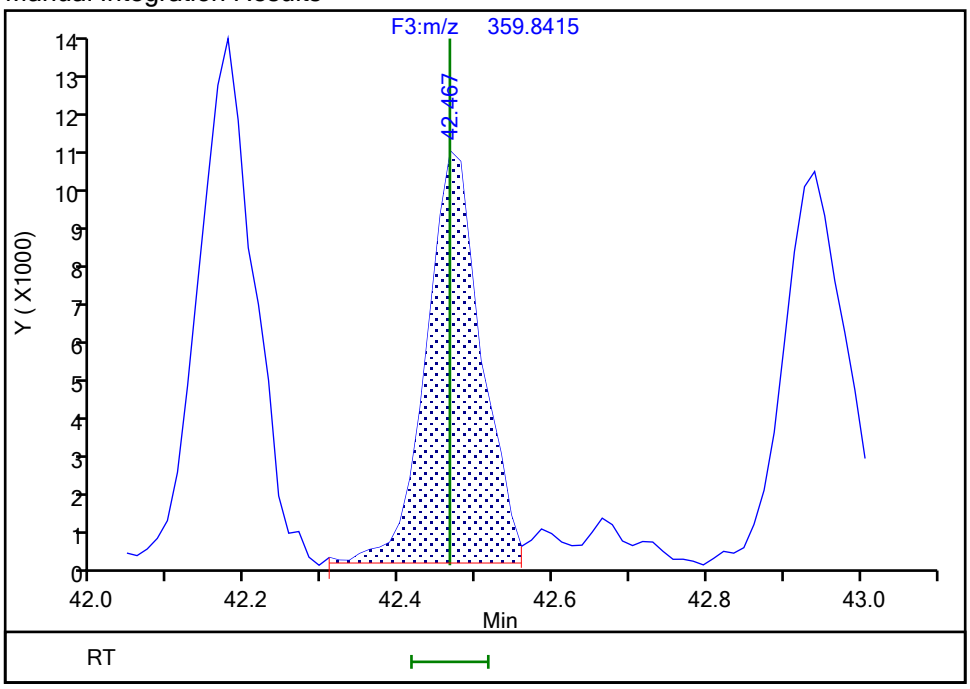
Processing Integration Results

RT: 42.47
Area: 59672
Amount: 0.513604
Amount Units: pg/ul



Manual Integration Results

RT: 42.47
Area: 52218
Amount: 0.502897
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:07:25
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

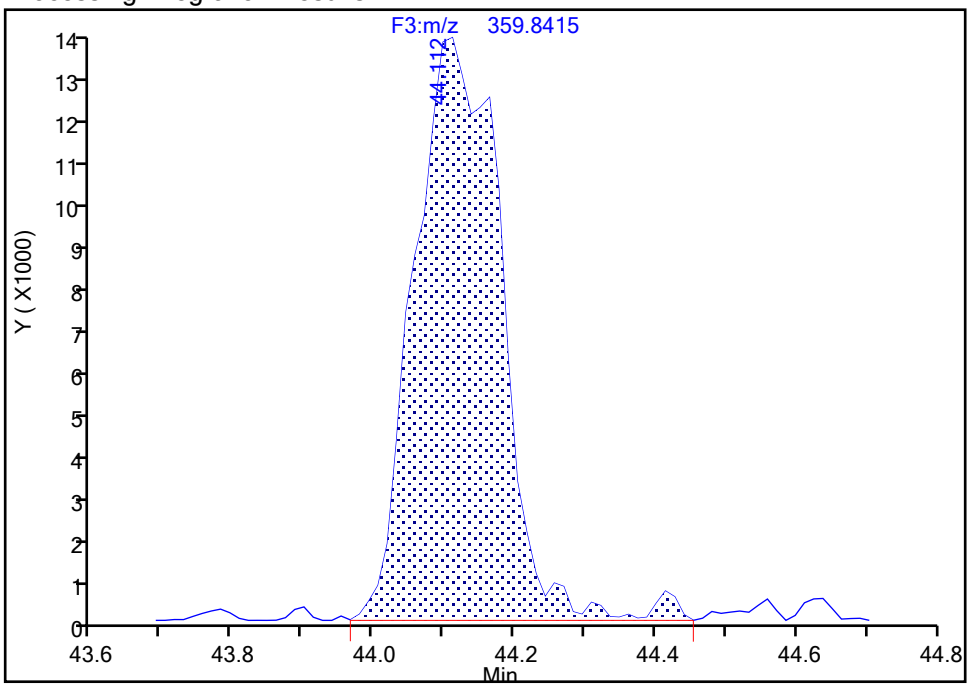
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-156/157, CAS: STL01792

Signal: 1

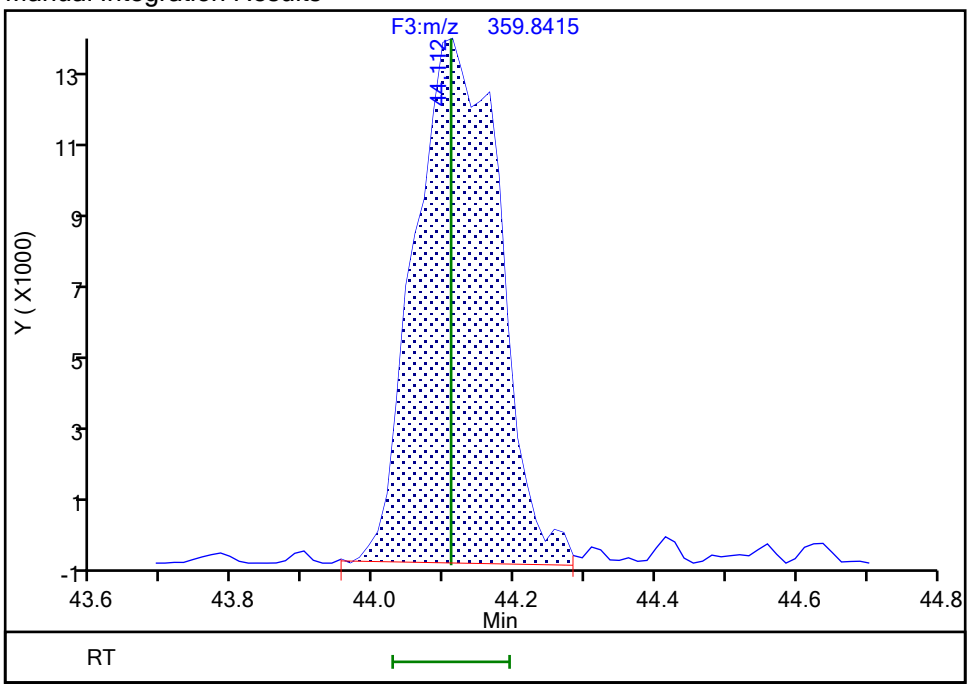
Processing Integration Results

RT: 44.11
Area: 115136
Amount: 1.022421
Amount Units: pg/ul



Manual Integration Results

RT: 44.11
Area: 112696
Amount: 1.009047
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:07:37

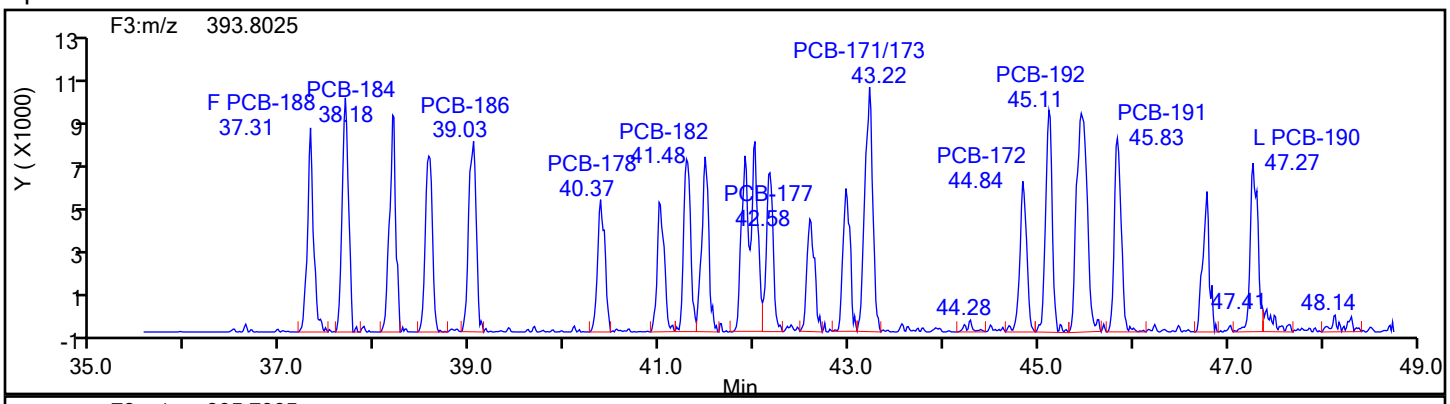
Audit Action: Manually Integrated Audit Reason: Split Peak

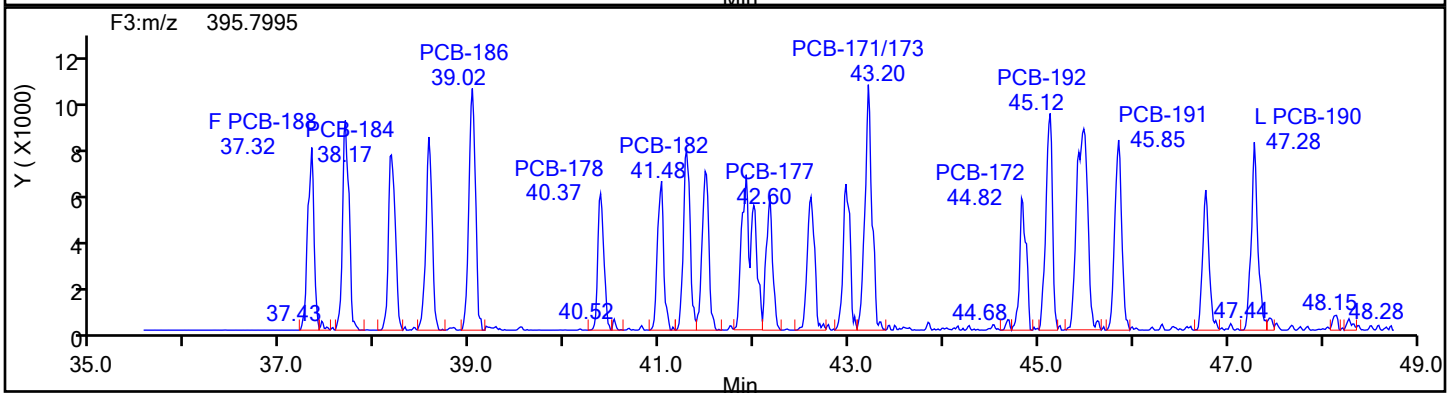
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

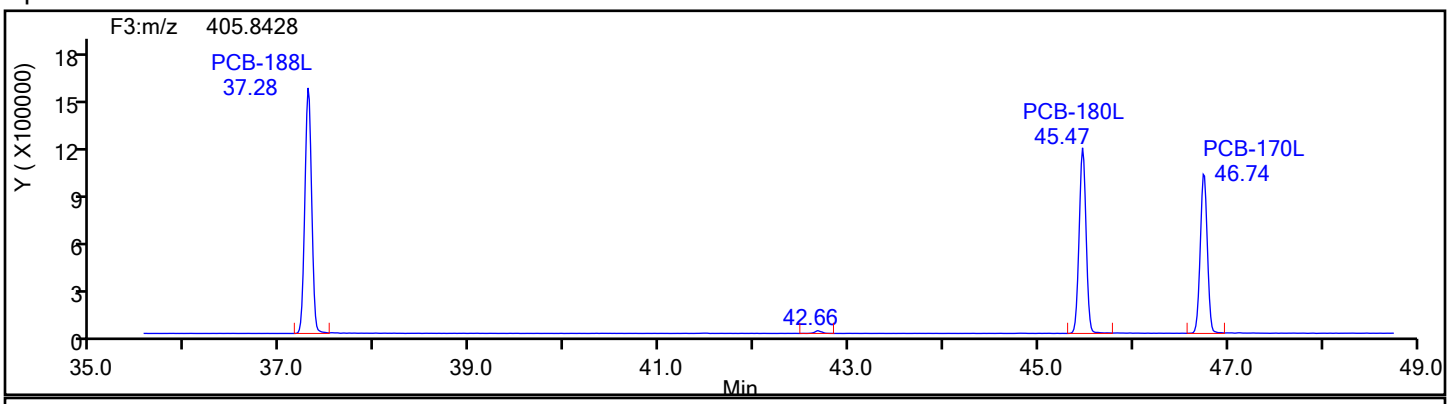
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

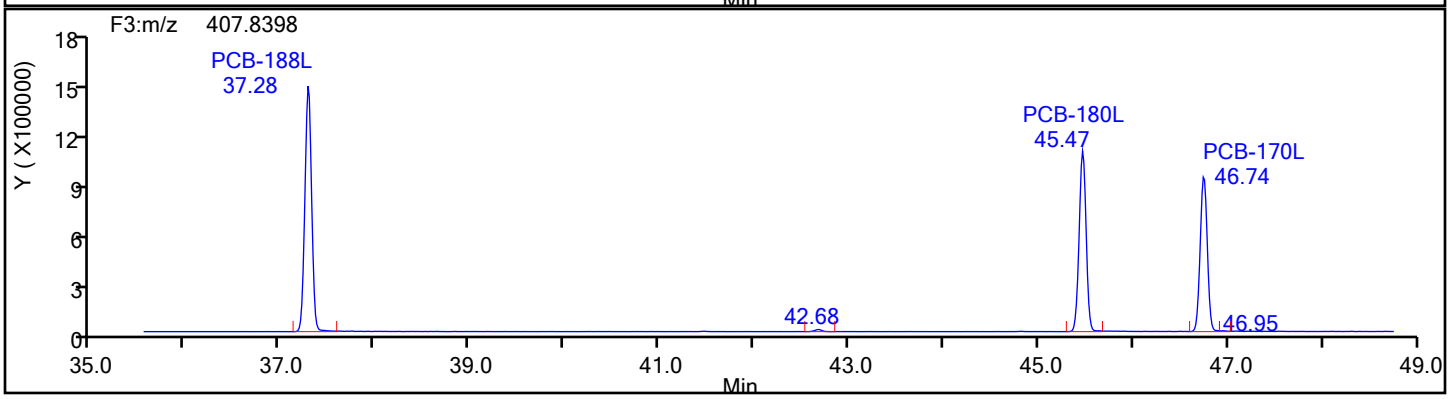
HpPCB F3





HpPCB F3 Standards



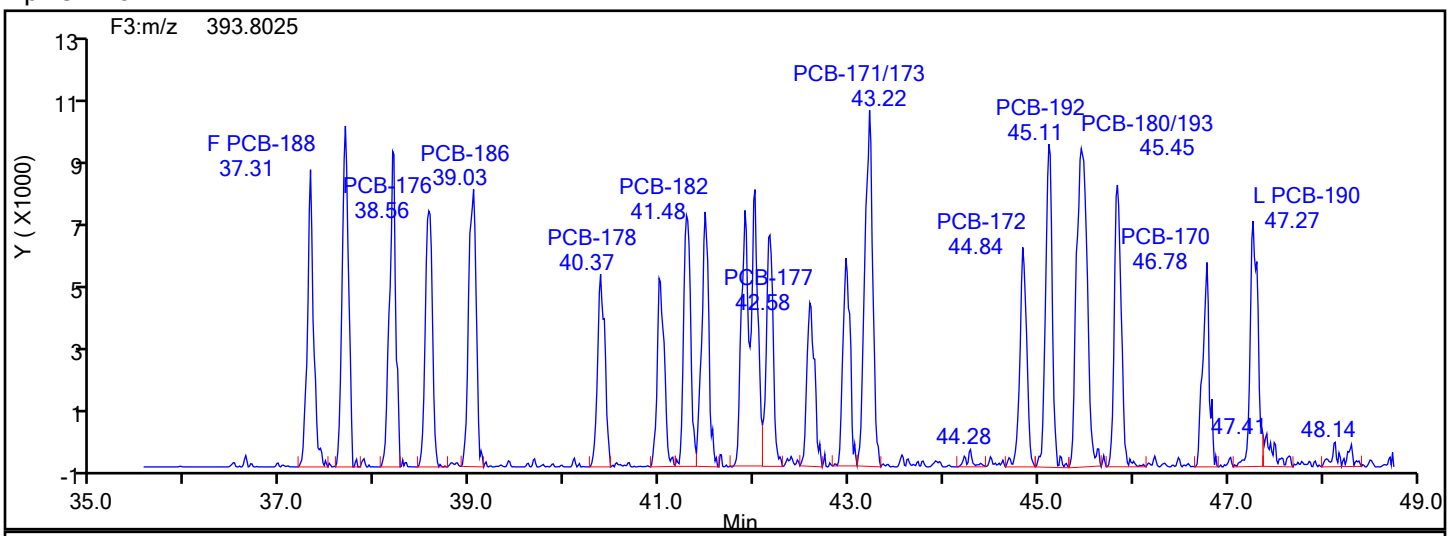


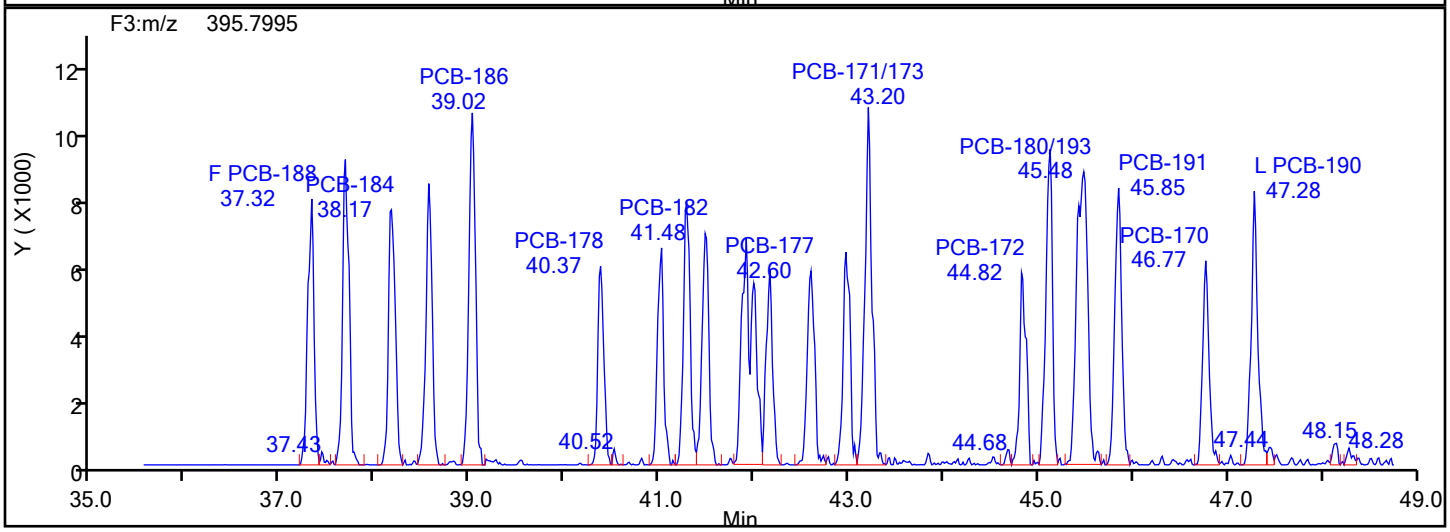
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

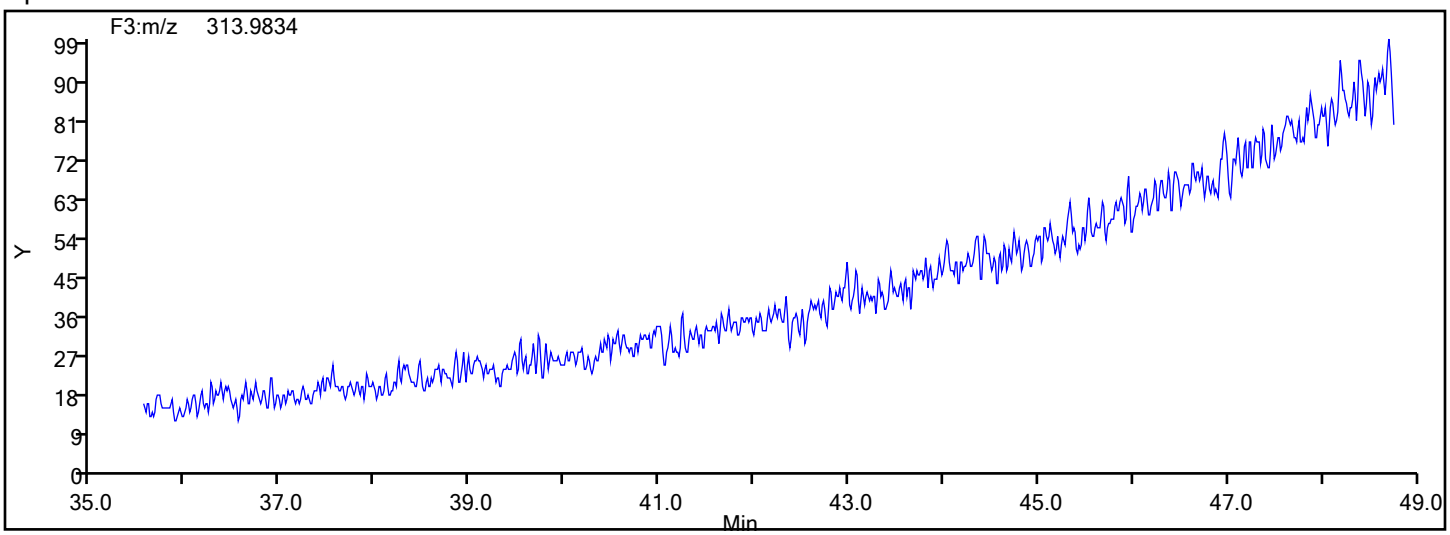
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

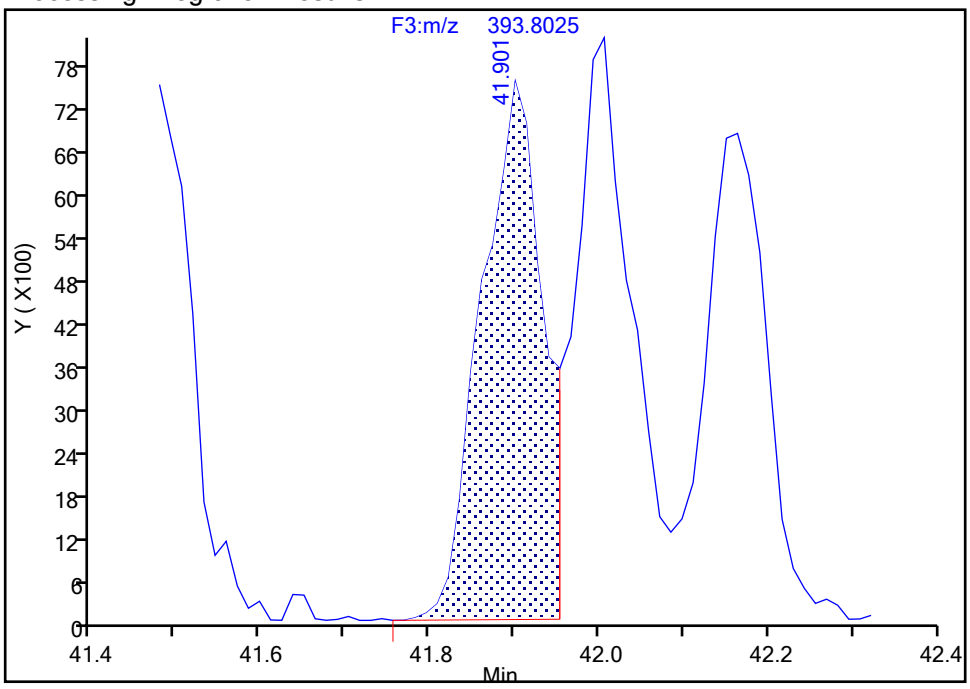
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

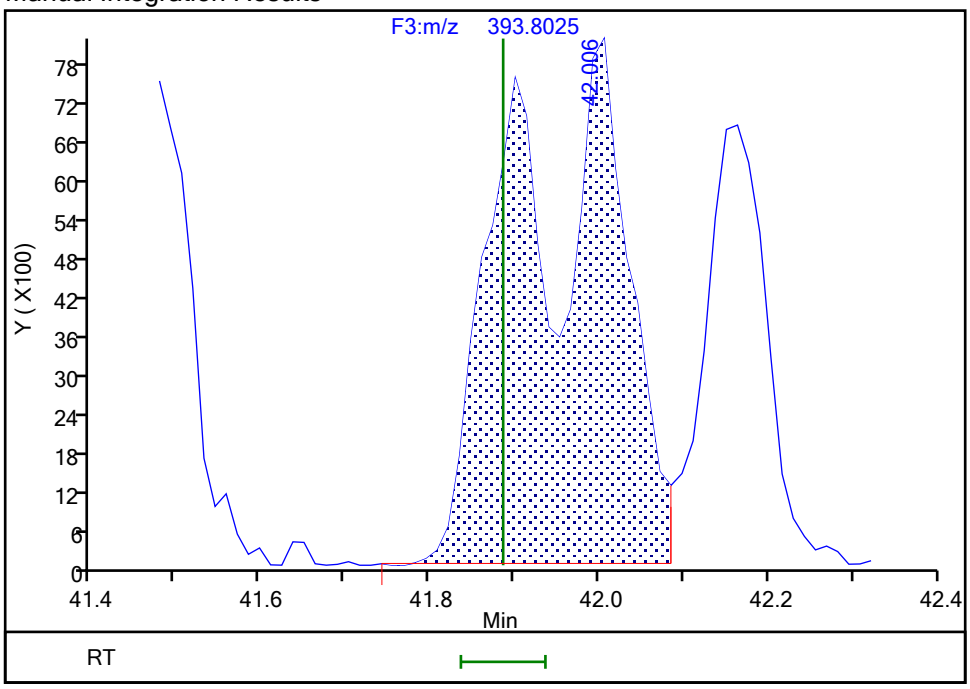
Processing Integration Results

RT: 41.90
Area: 37405
Amount: 0.721388
Amount Units: pg/ul



Manual Integration Results

RT: 42.01
Area: 73987
Amount: 1.077250
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:07:59

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

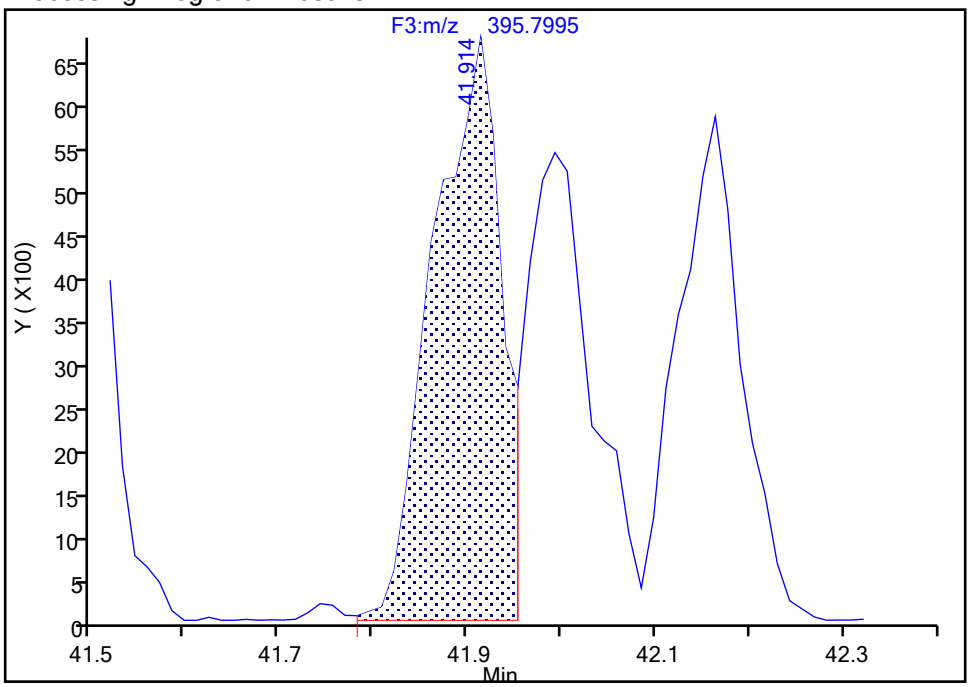
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 2

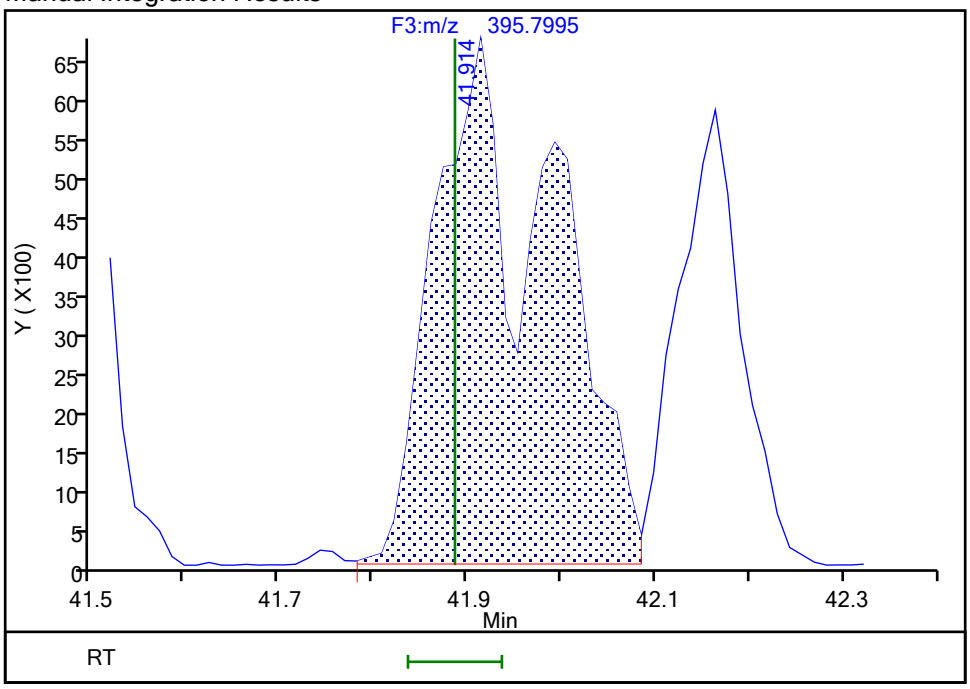
Processing Integration Results

RT: 41.91
Area: 33680
Amount: 0.721388
Amount Units: pg/ul



Manual Integration Results

RT: 41.91
Area: 58929
Amount: 1.077250
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:08:03
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

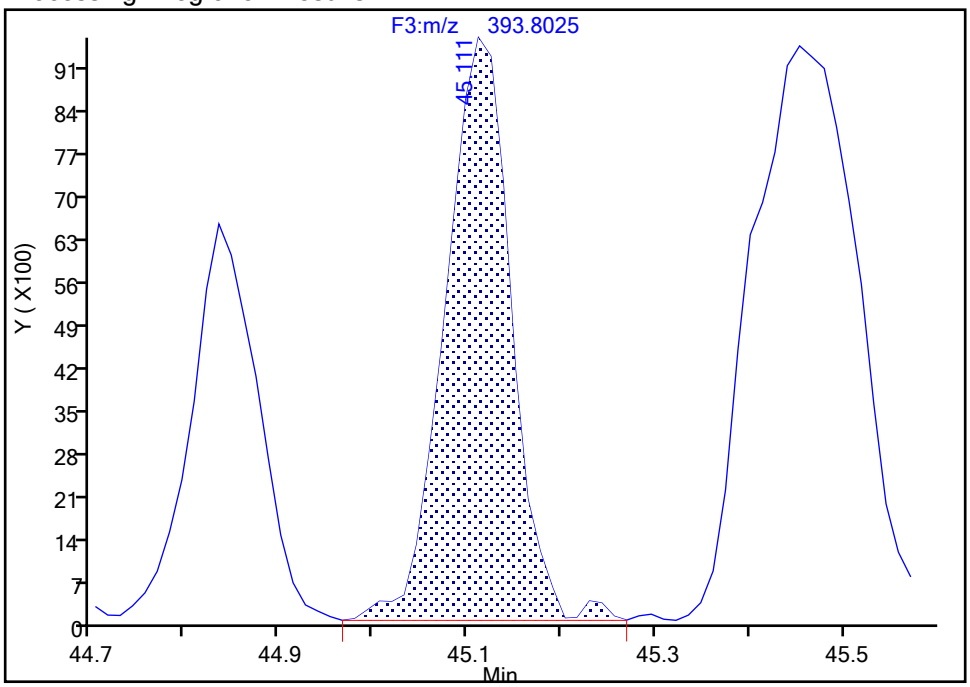
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d
Injection Date: 08-Oct-2021 11:14:00 Instrument ID: D2D
Lims ID: IC L1
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-192, CAS: 74472-51-8

Signal: 1

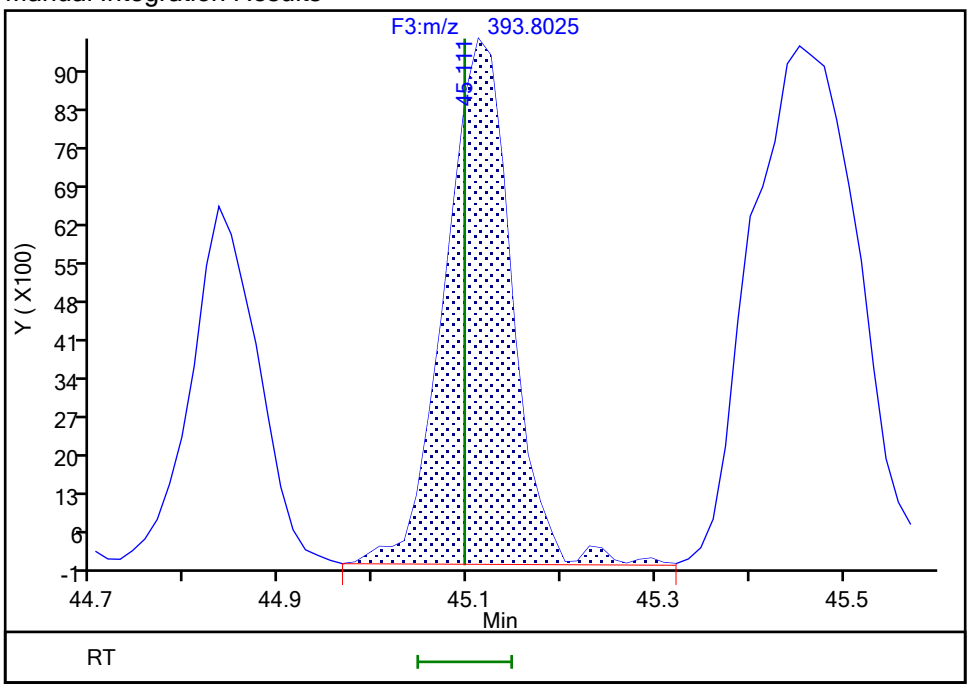
Processing Integration Results

RT: 45.11
Area: 46560
Amount: 0.516794
Amount Units: pg/ul



Manual Integration Results

RT: 45.11
Area: 47013
Amount: 0.516291
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:08:17
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

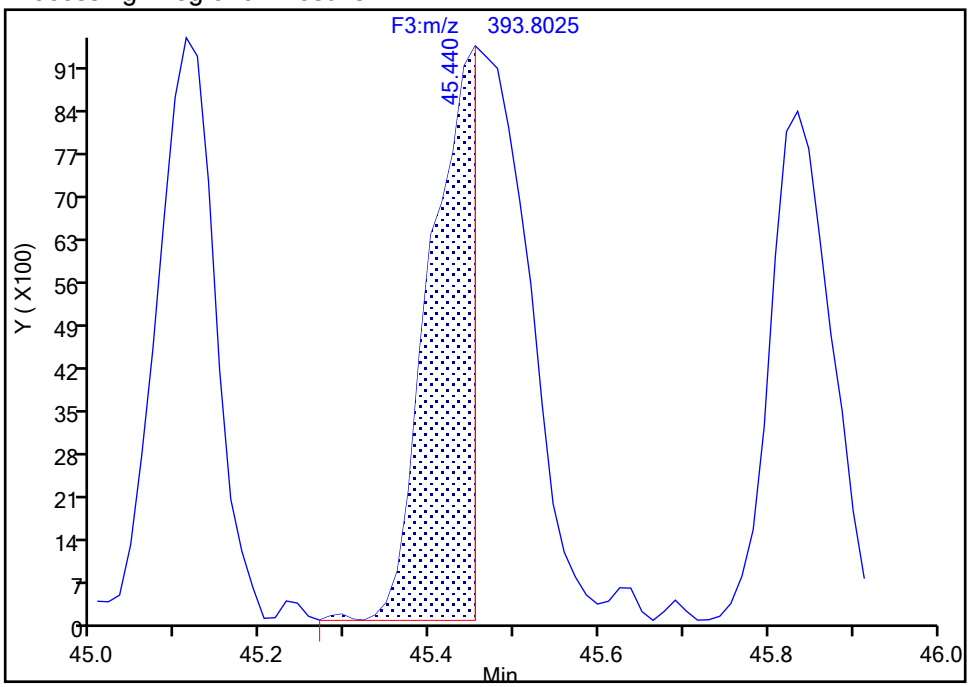
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-180/193, CAS: STL01824

Signal: 1

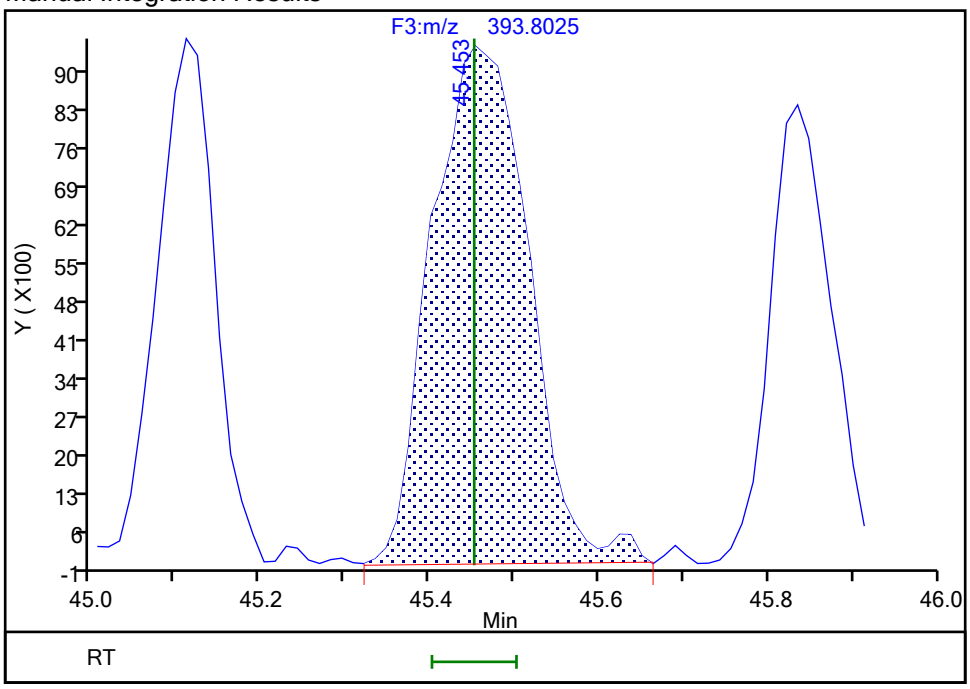
Processing Integration Results

RT: 45.44
Area: 33420
Amount: 0.588376
Amount Units: pg/ul



Manual Integration Results

RT: 45.45
Area: 74834
Amount: 0.990438
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:08:17

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

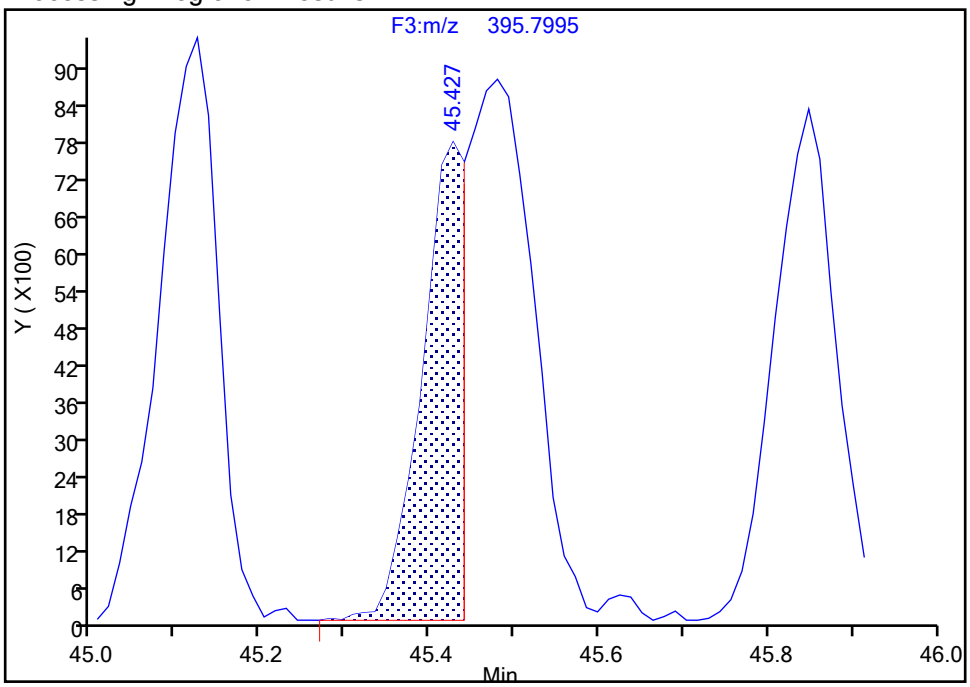
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-180/193, CAS: STL01824

Signal: 2

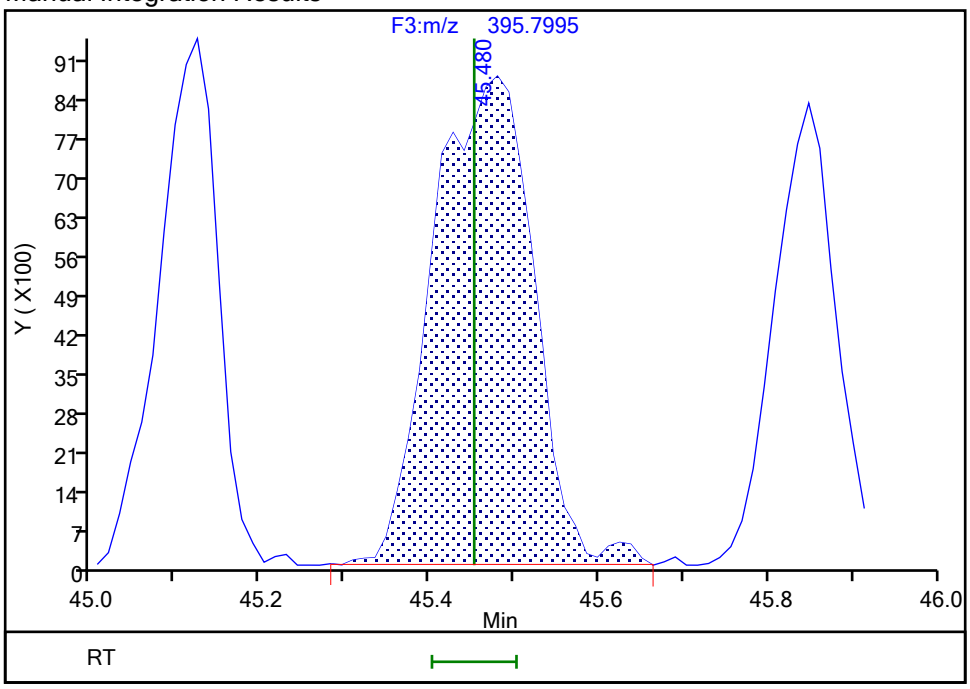
Processing Integration Results

RT: 45.43
Area: 25371
Amount: 0.588376
Amount Units: pg/ul



Manual Integration Results

RT: 45.48
Area: 72041
Amount: 0.990438
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:08:22

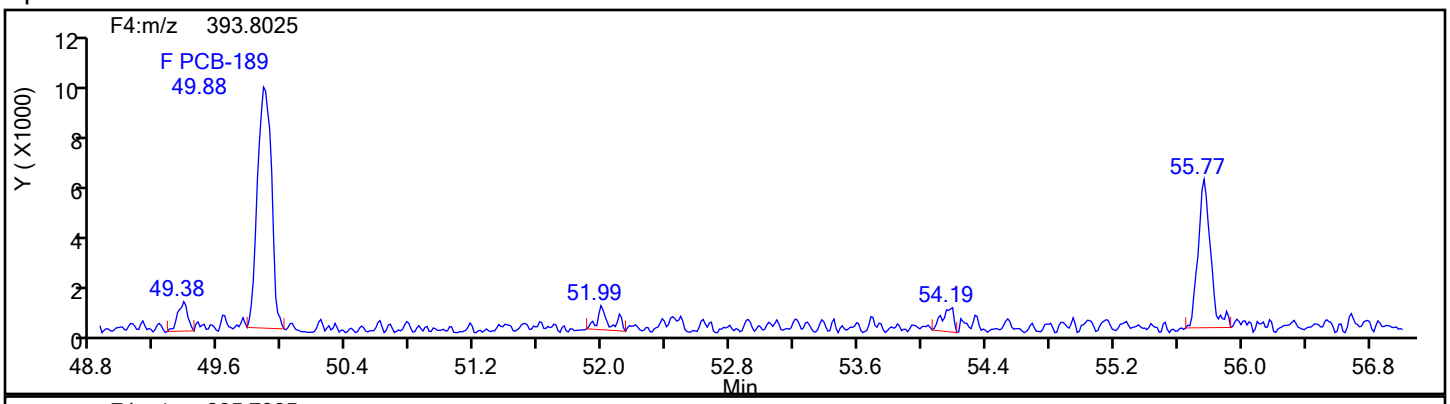
Audit Action: Manually Integrated Audit Reason: Split Peak

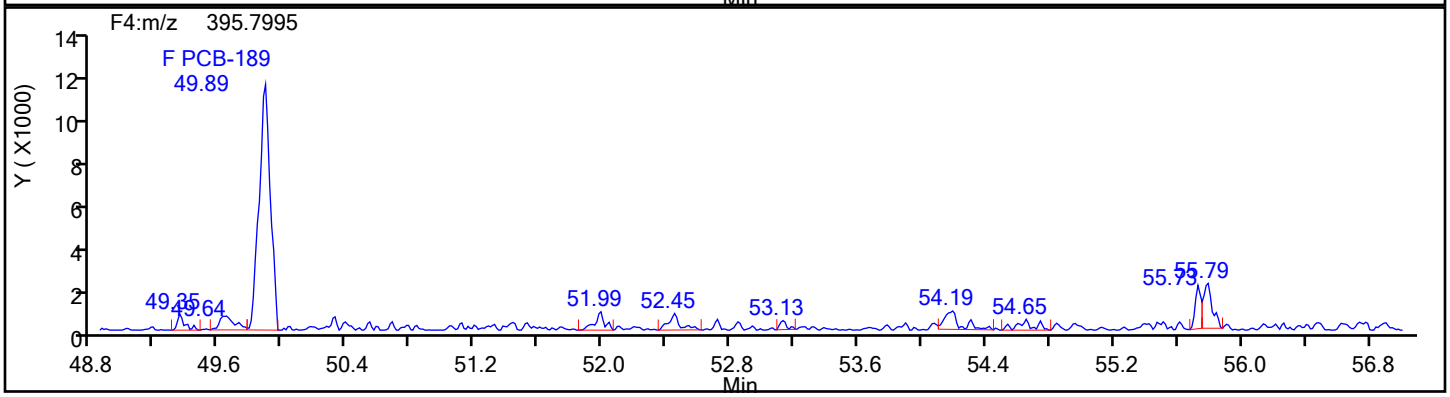
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

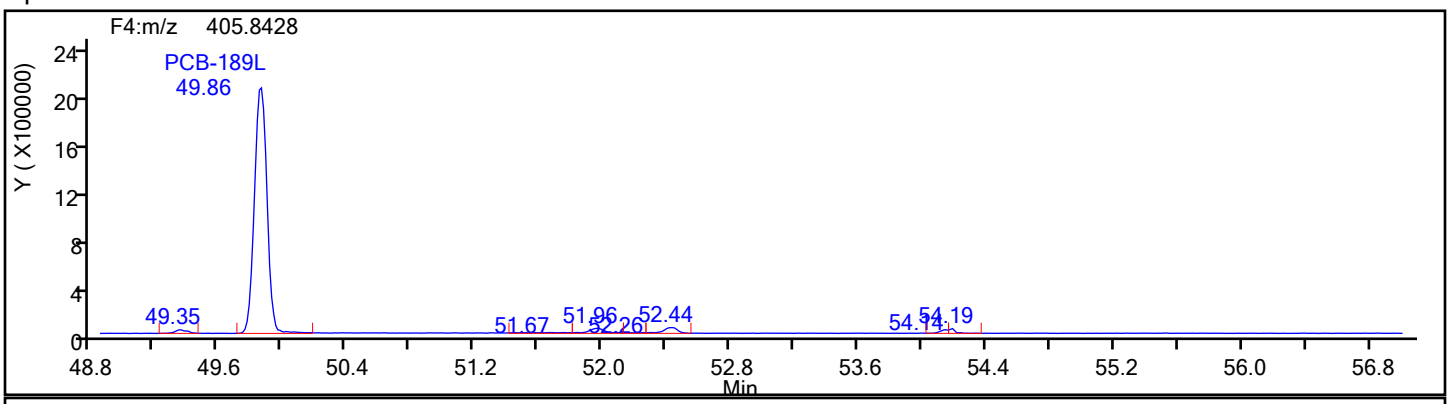
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

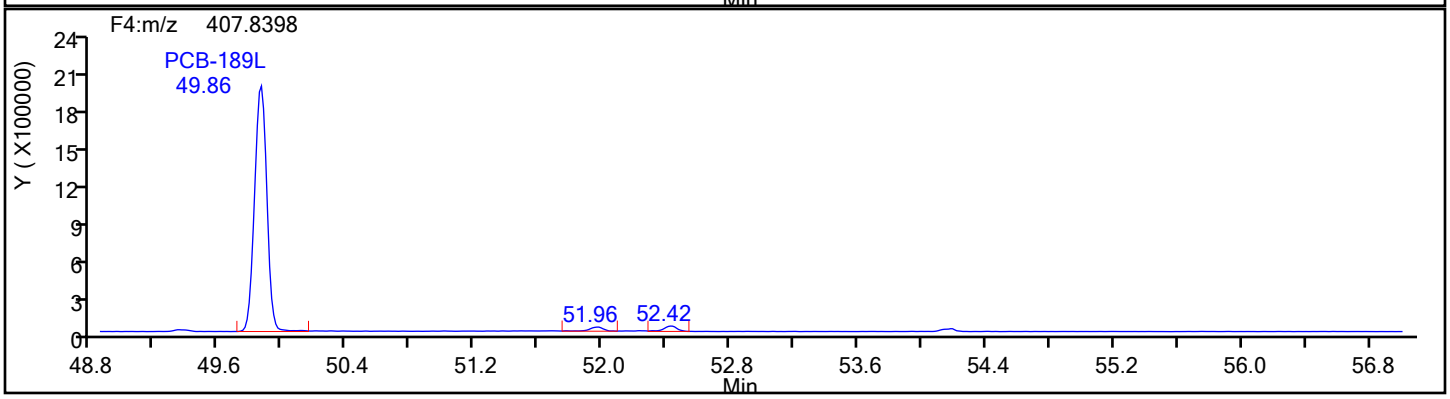
HpPCB F4





HpPCB F4 Standards



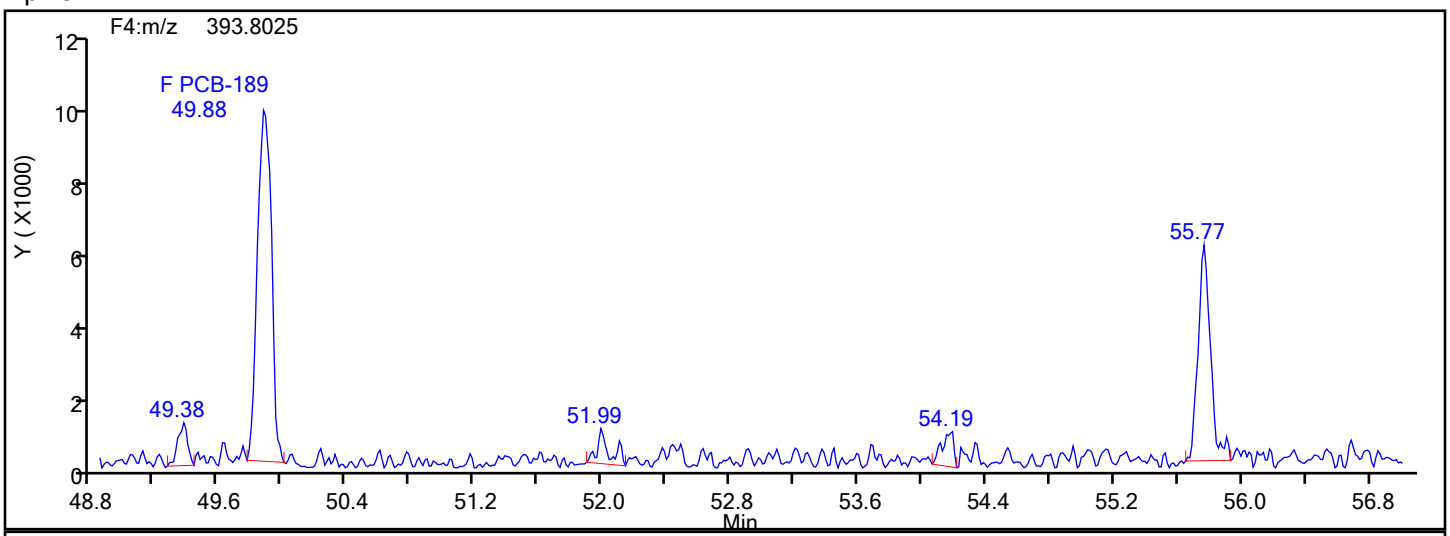


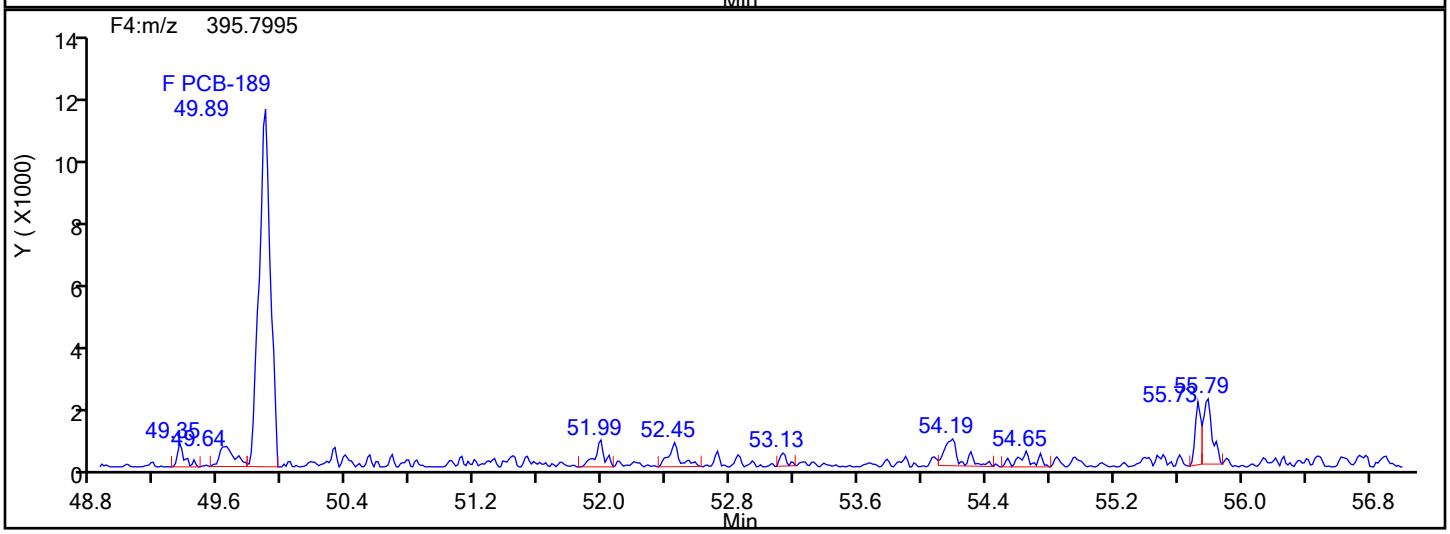
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

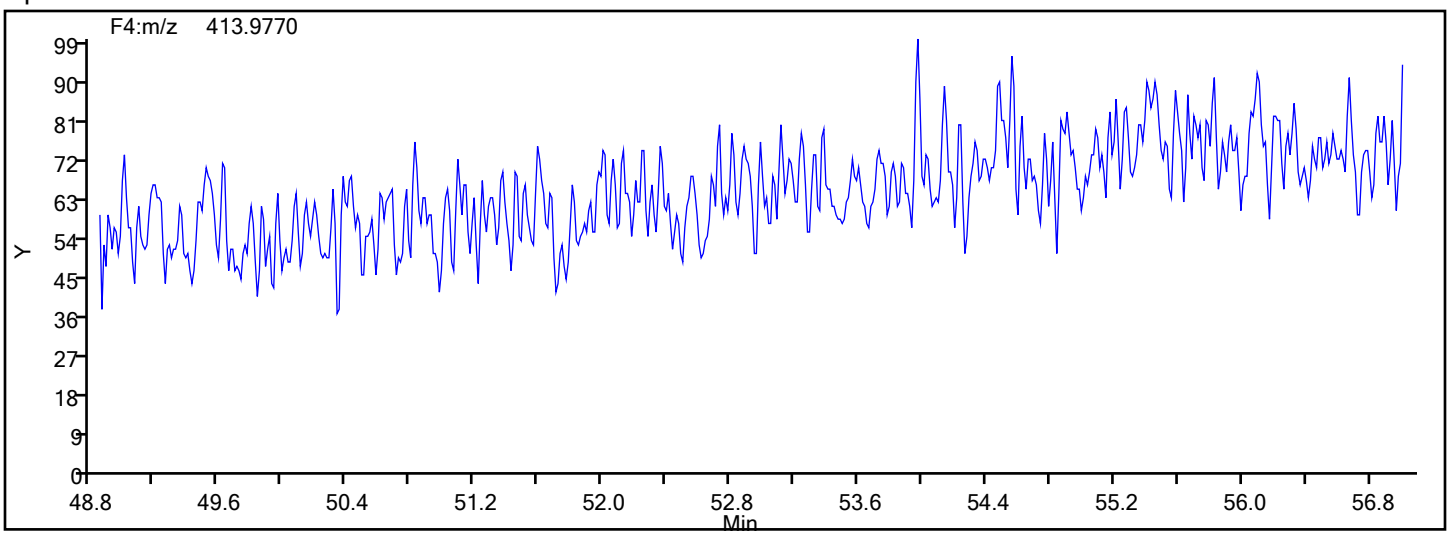
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



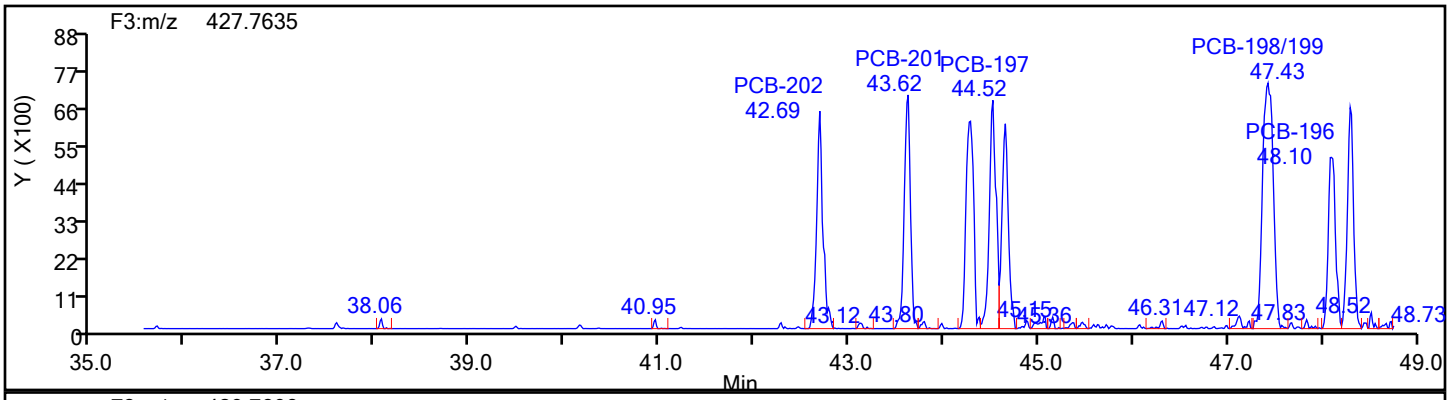
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

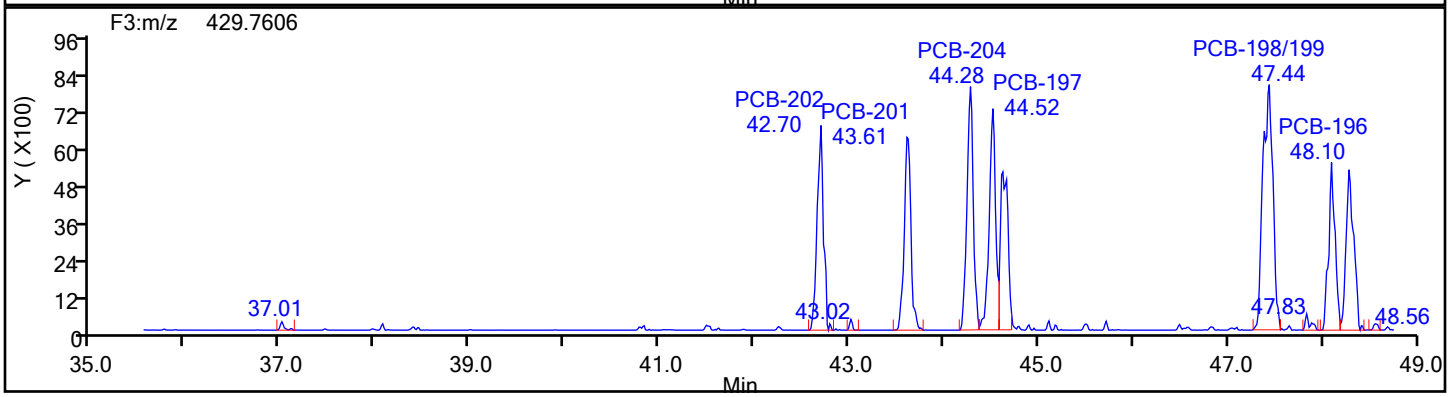
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d

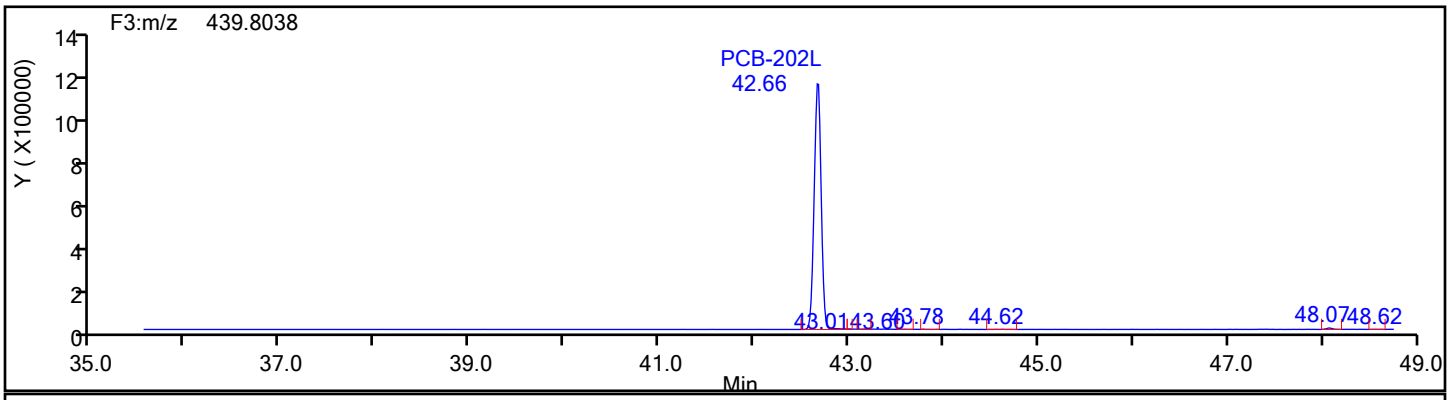
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

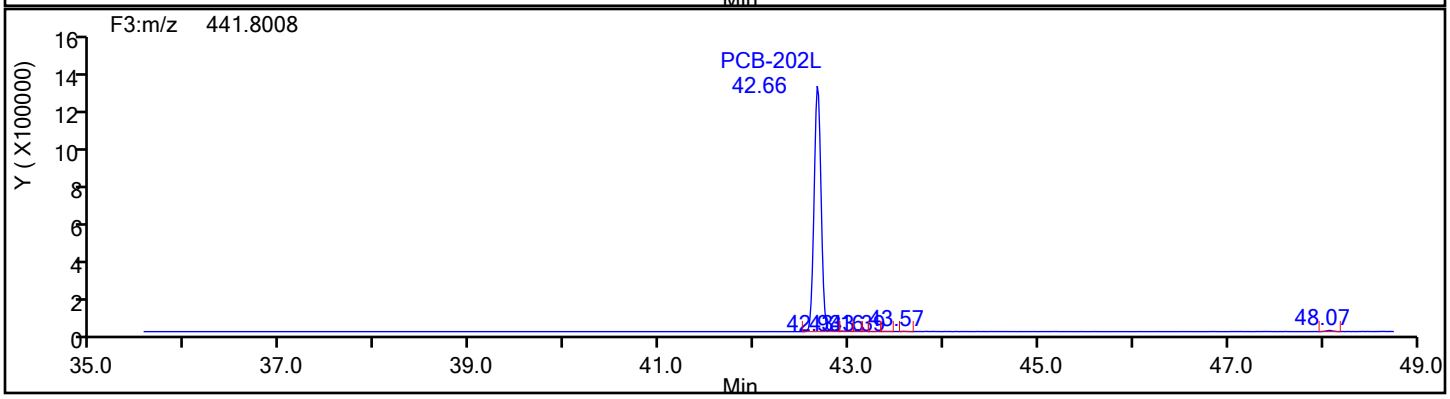
OcPCB F3





OcPCB F3 Standards



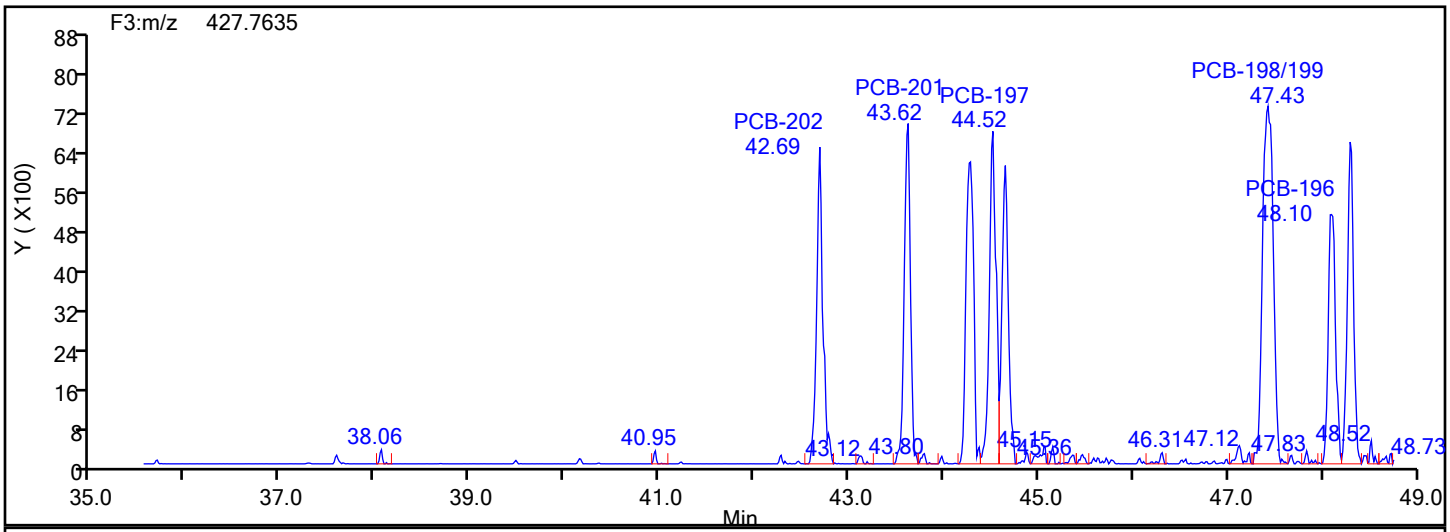


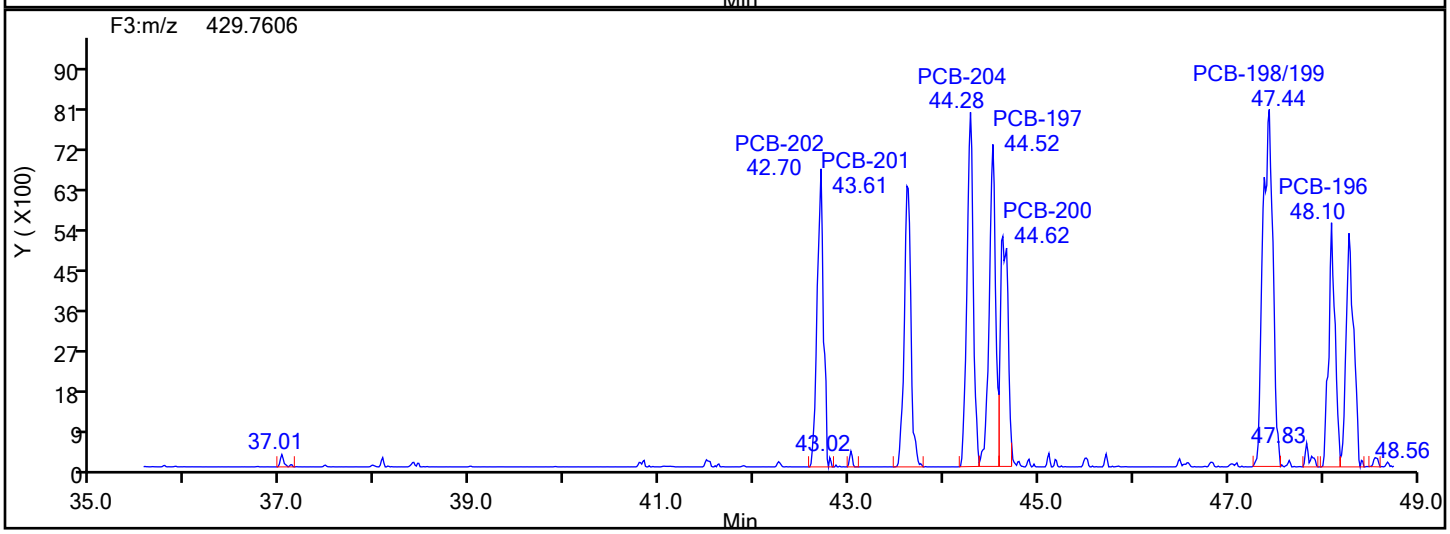
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

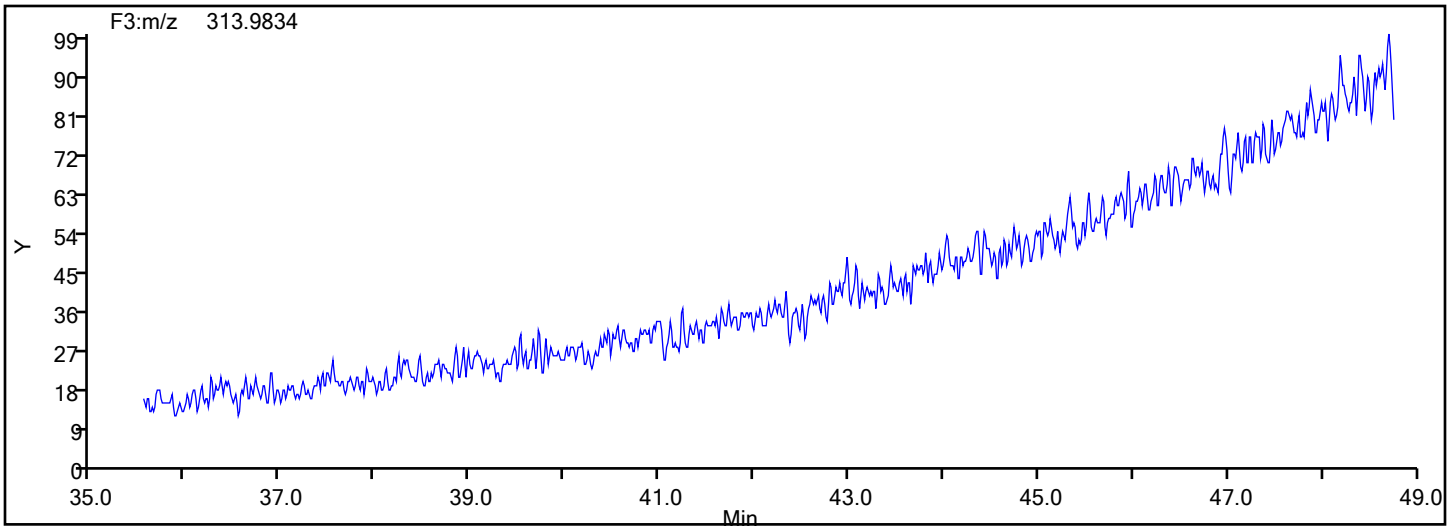
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

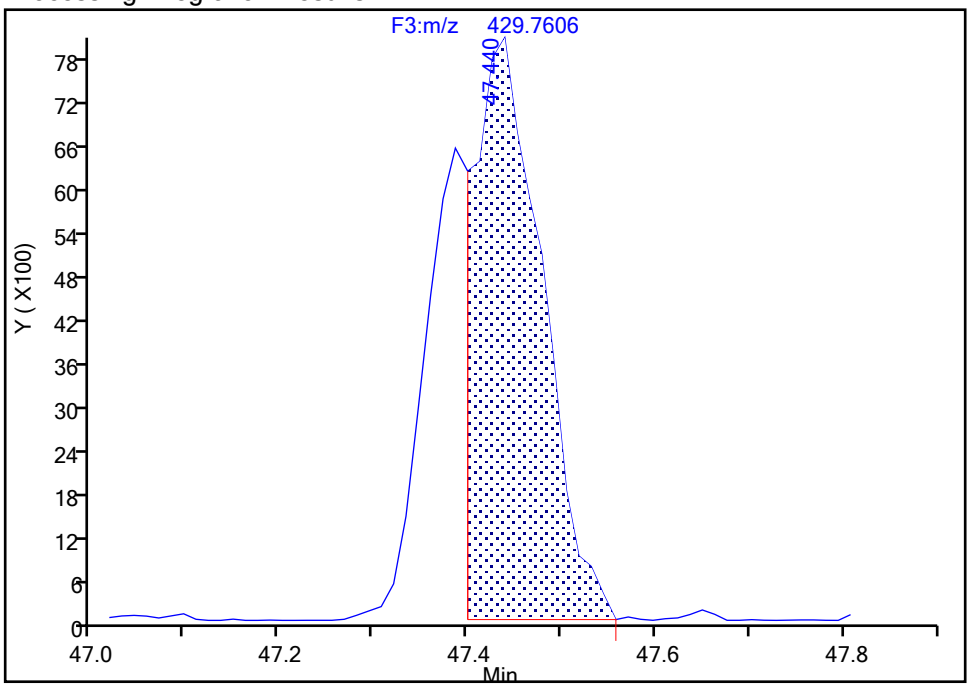
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-198/199, CAS: STL01825

Signal: 2

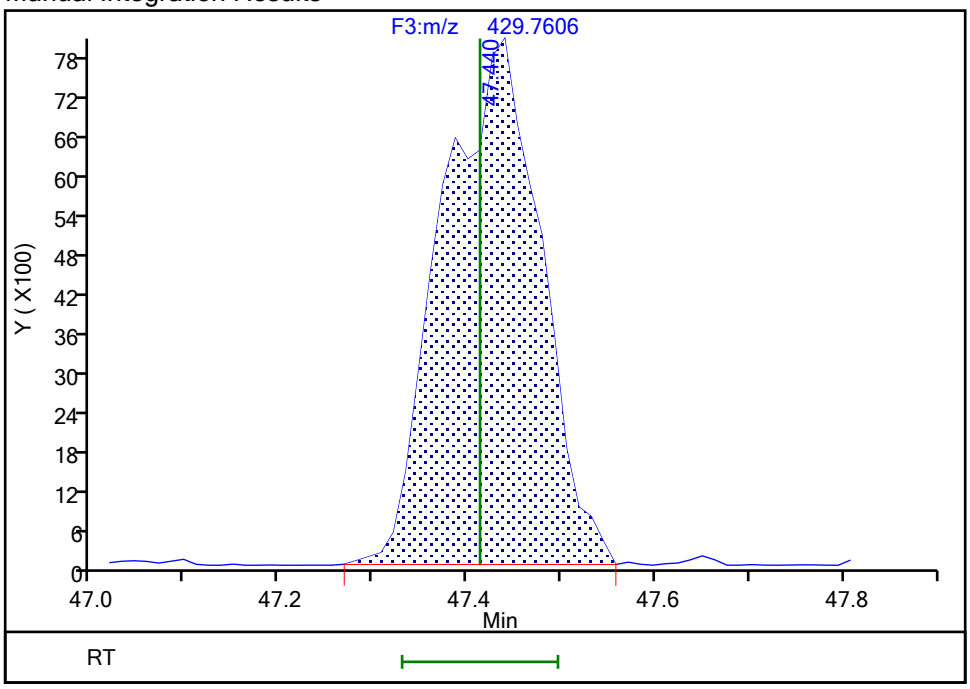
Processing Integration Results

RT: 47.44
Area: 39579
Amount: 0.938053
Amount Units: pg/ul



Manual Integration Results

RT: 47.44
Area: 59435
Amount: 1.052218
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:08:51

Audit Action: Manually Integrated Audit Reason: Split Peak

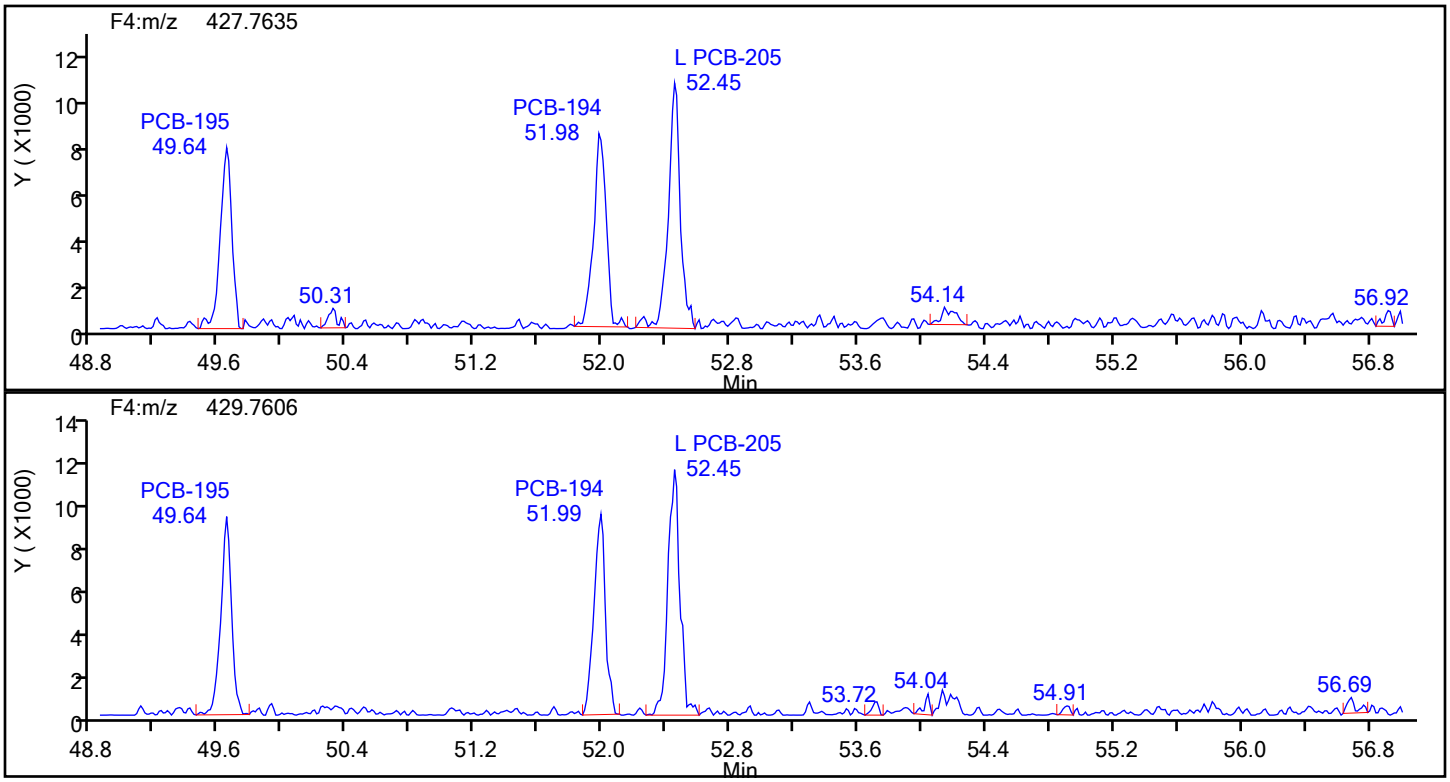
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

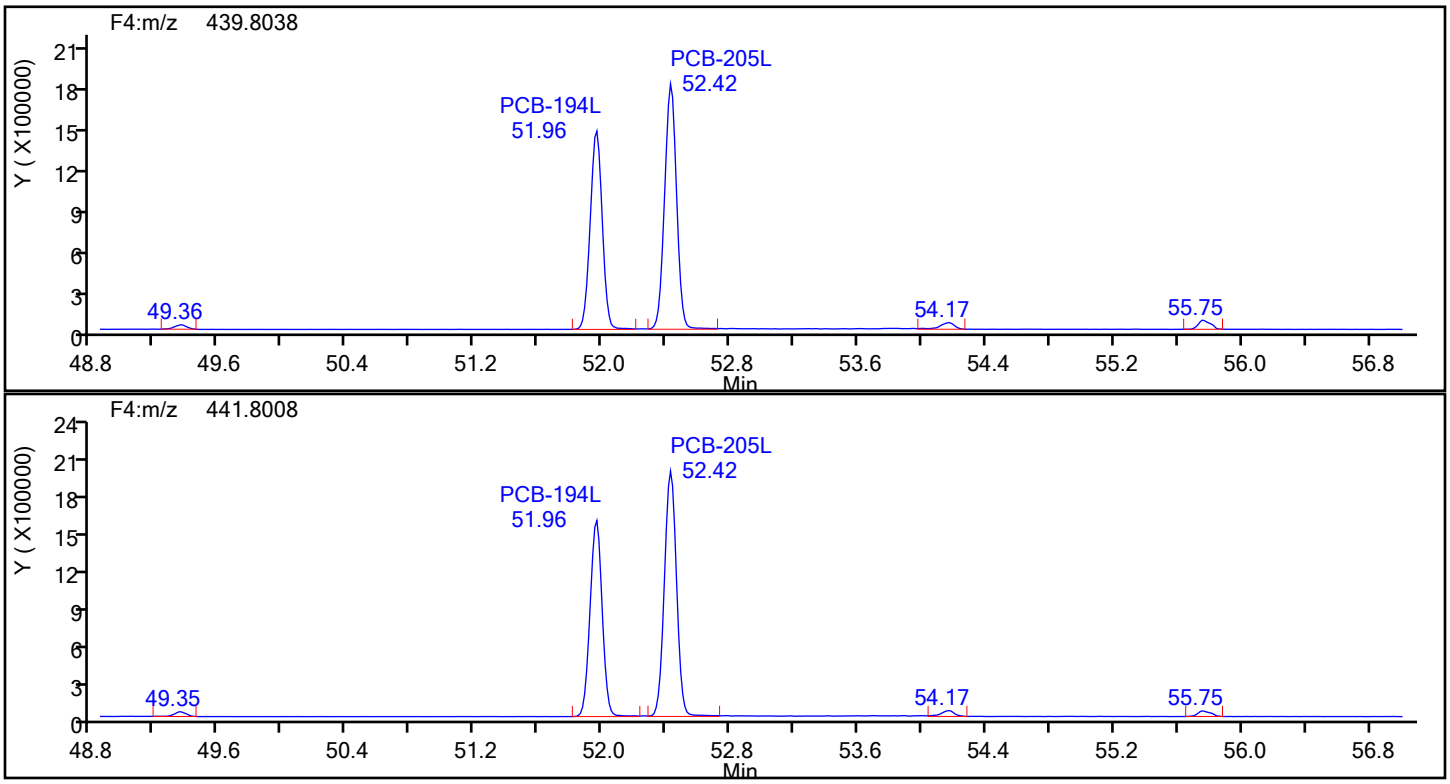
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d

Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

OcPCB F4



OcPCB F4 Standards

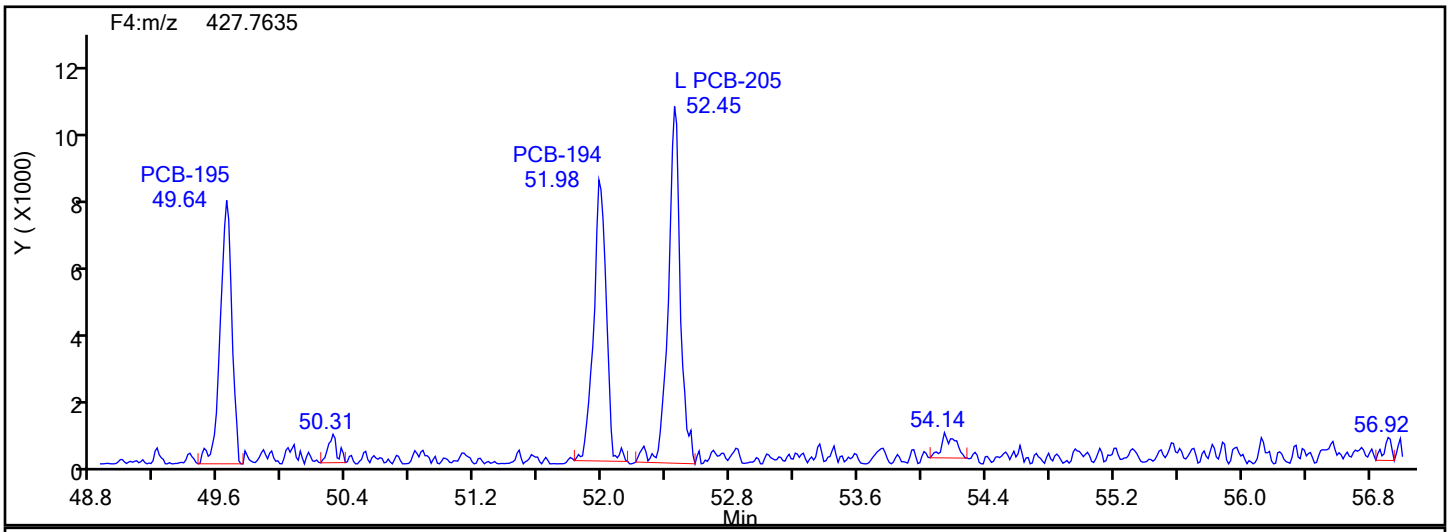


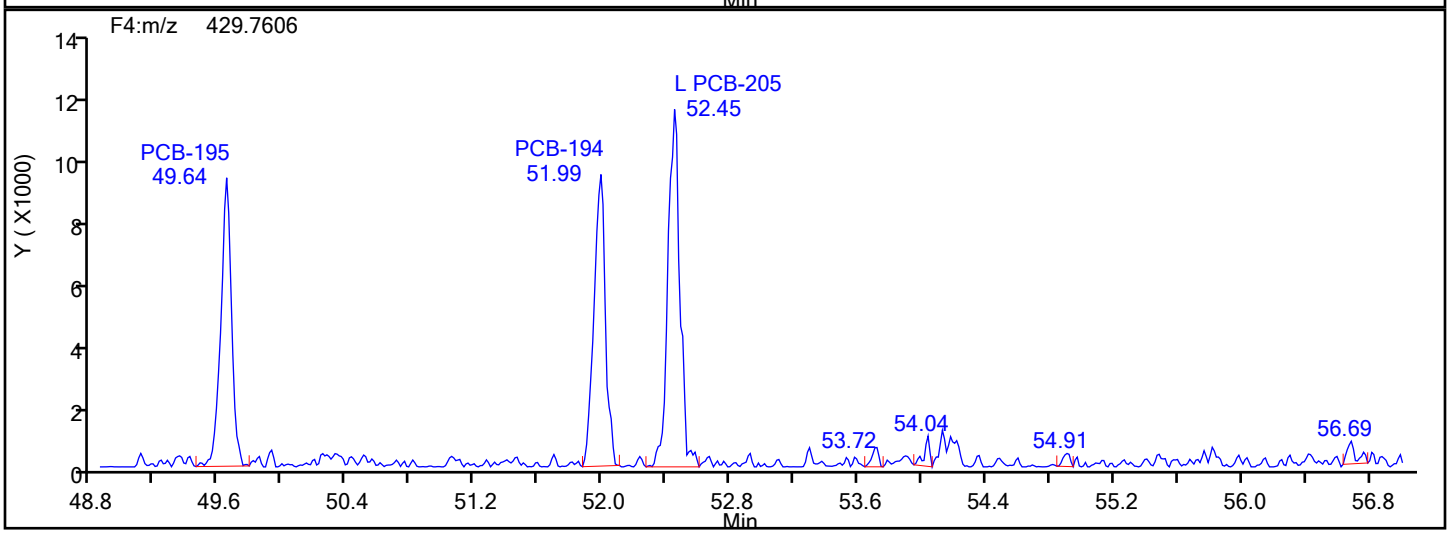
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

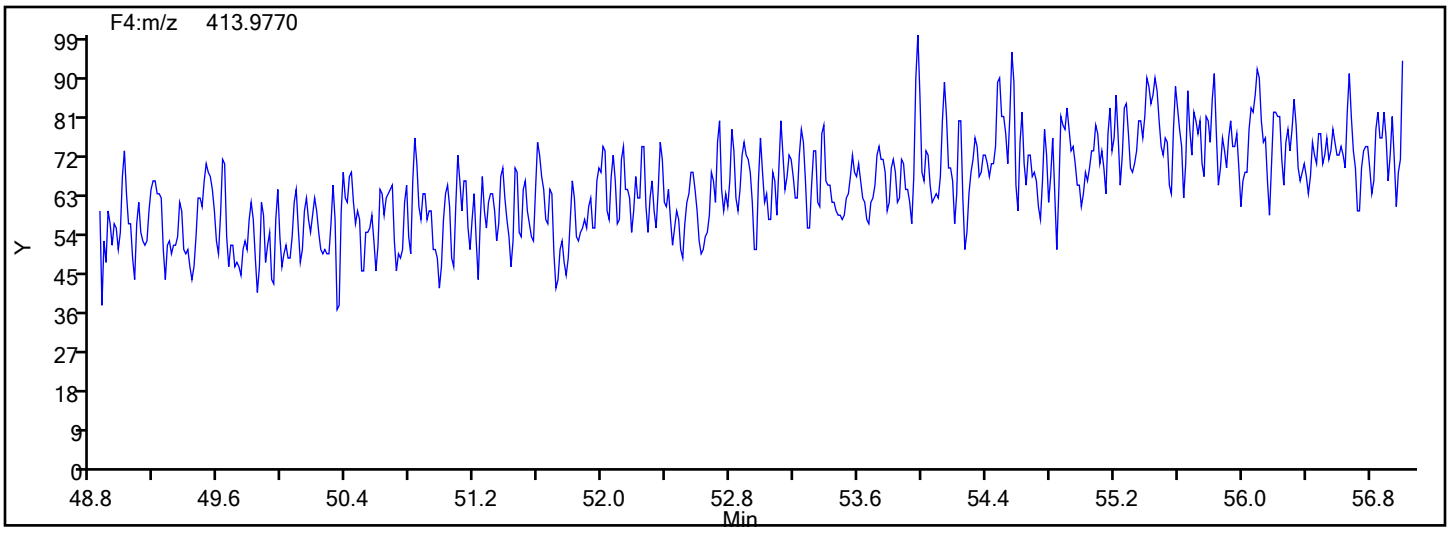
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

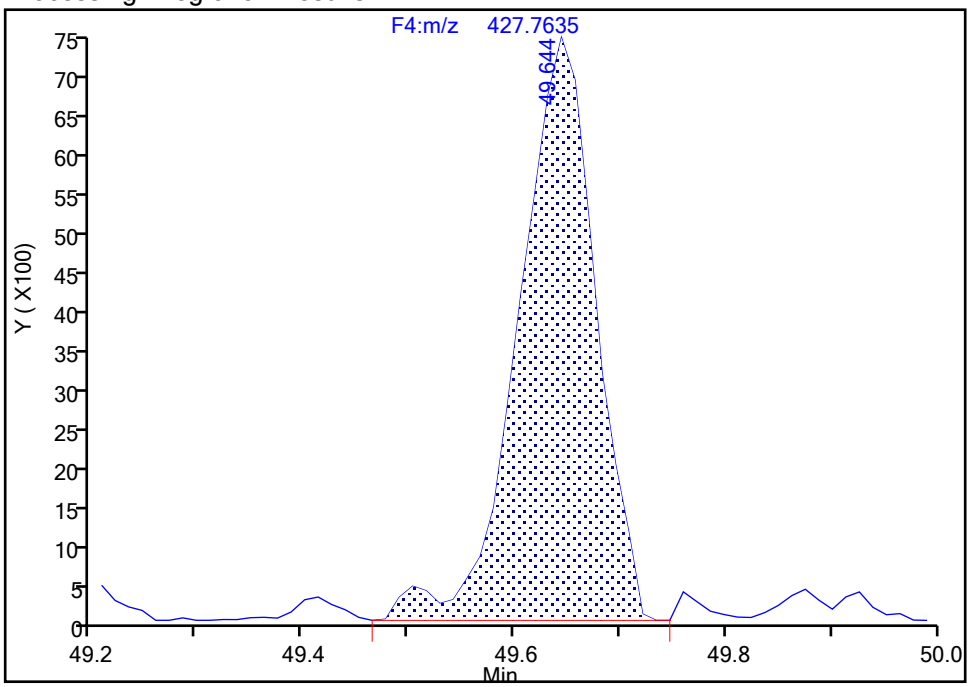
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-195, CAS: 52663-78-2

Signal: 1

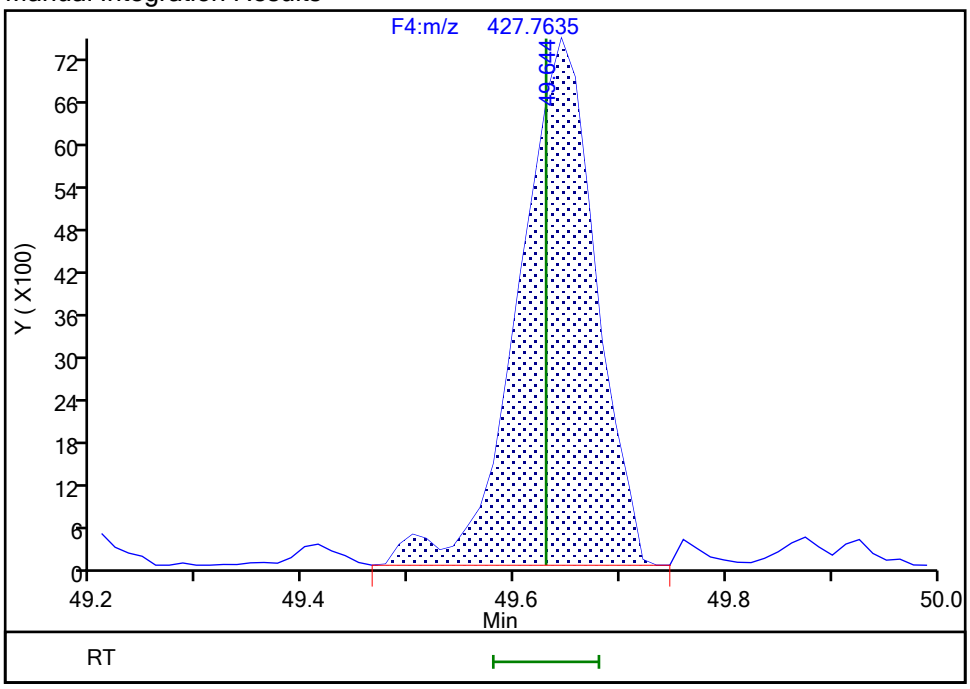
Processing Integration Results

RT: 49.64
Area: 37796
Amount: 0.503641
Amount Units: pg/ul



Manual Integration Results

RT: 49.64
Area: 37796
Amount: 0.492474
Amount Units: pg/ul



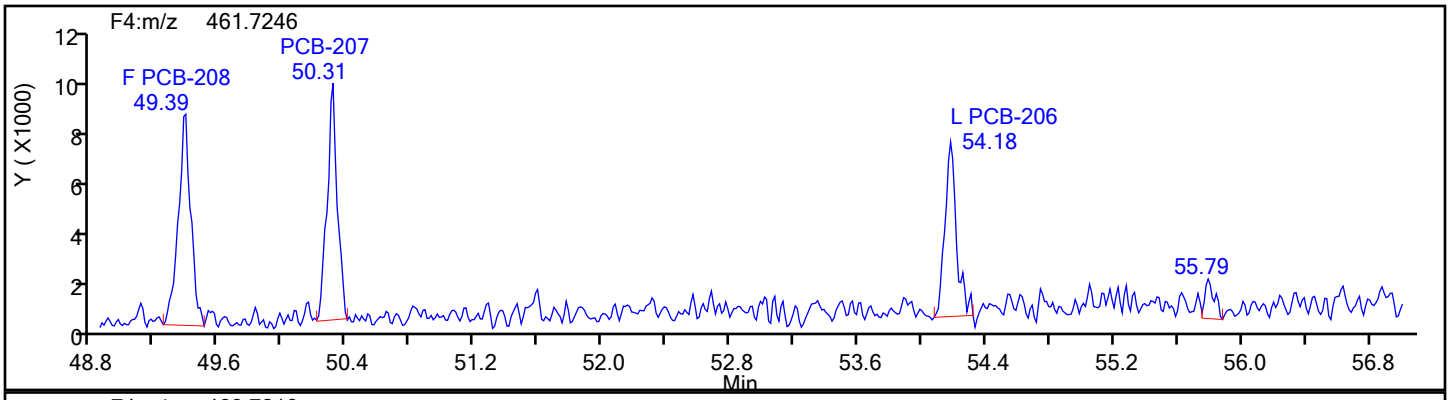
Reviewer: nordquistj, 08-Oct-2021 14:09:01
Audit Action: Assigned Compound ID Audit Reason: Split Peak

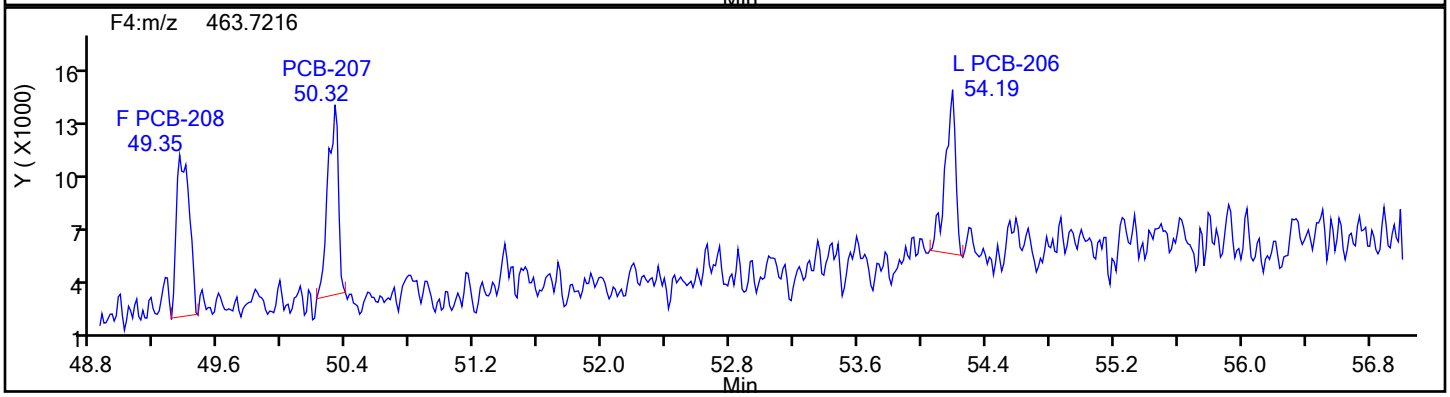
Report Date: 08-Oct-2021 19:10:40 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

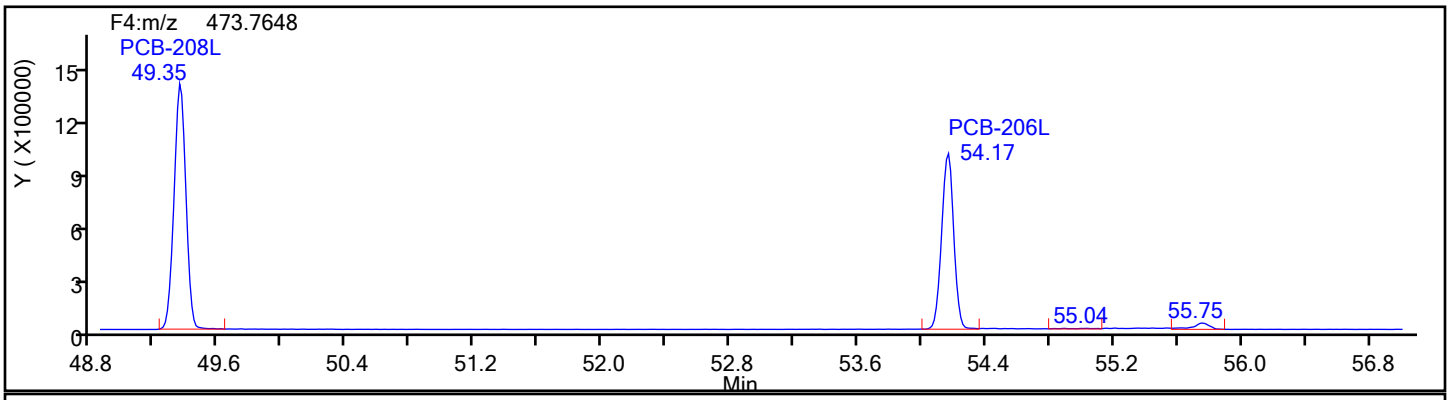
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

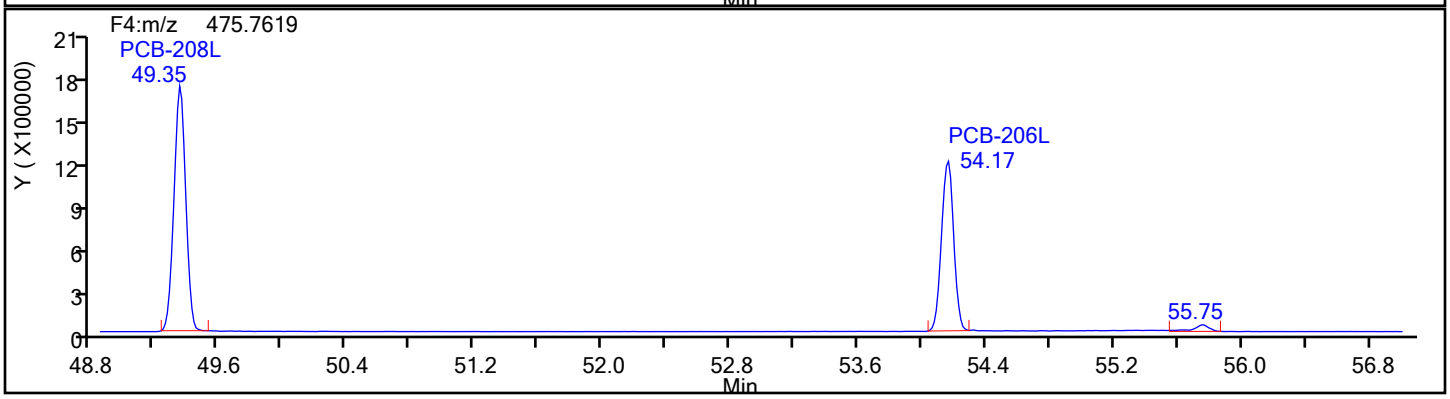
NoPCB F4





NoPCB F4 Standards



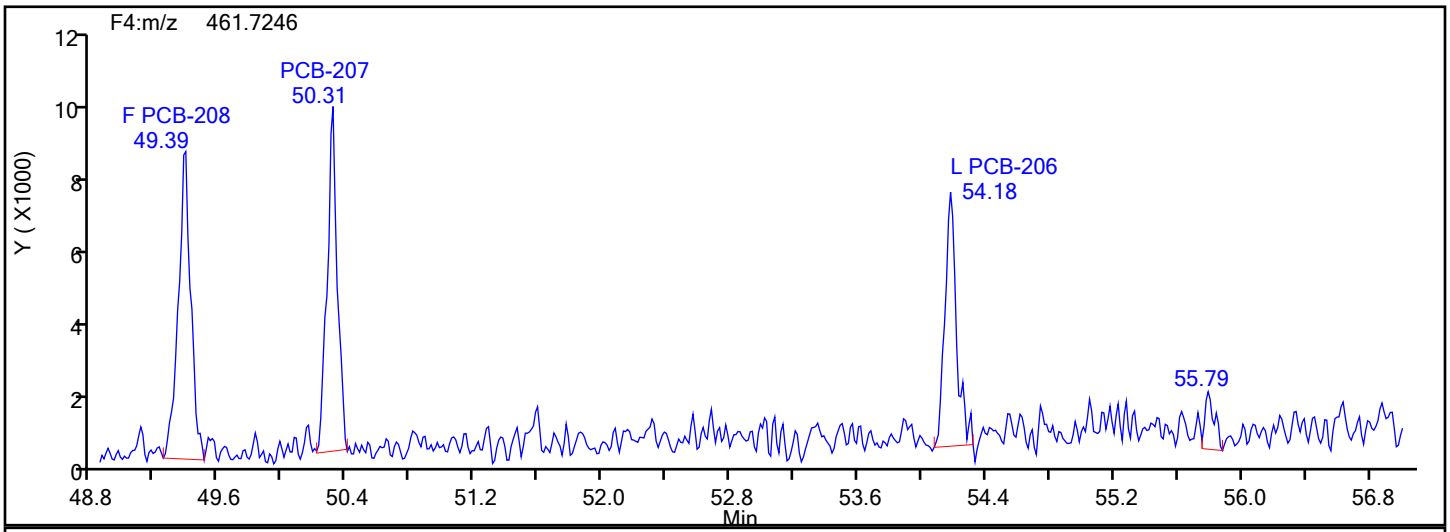


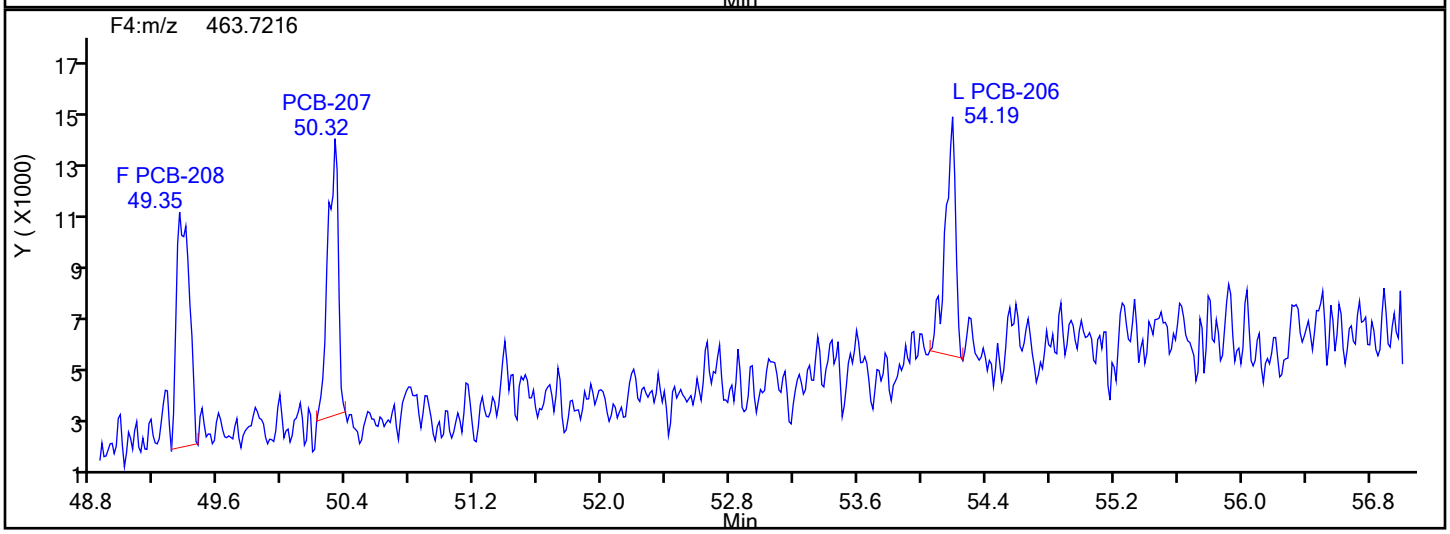
Report Date: 08-Oct-2021 19:10:41 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

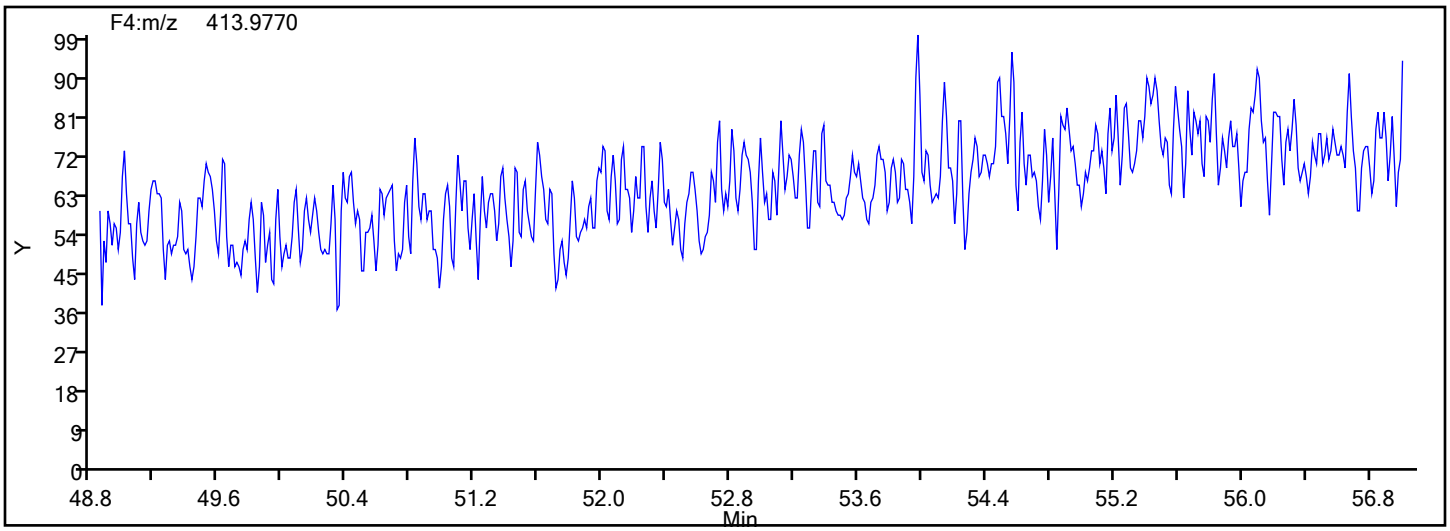
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

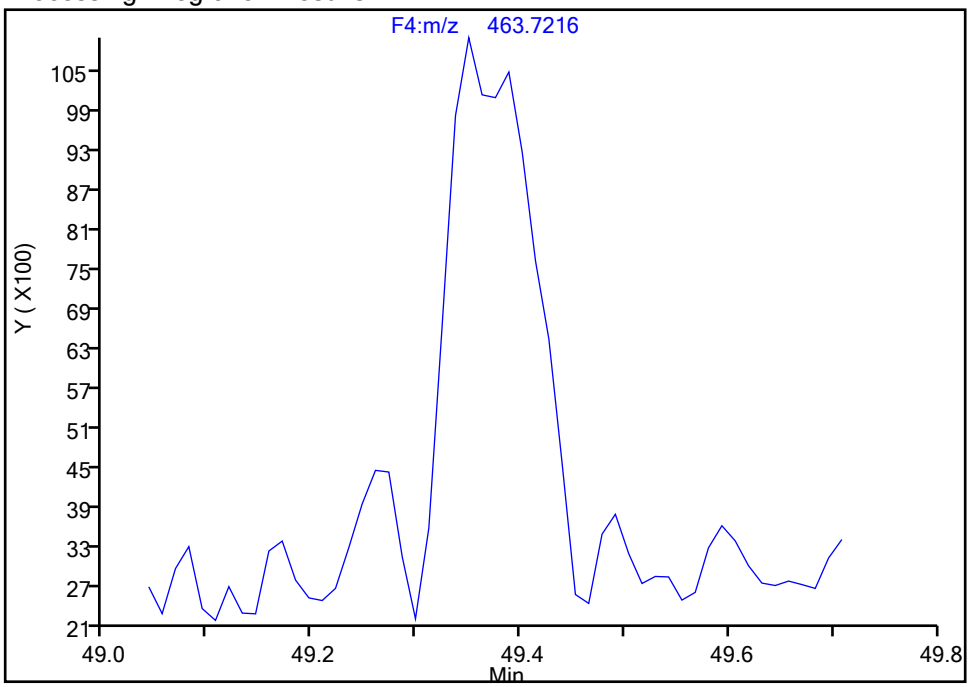
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-208, CAS: 52663-77-1

Signal: 2

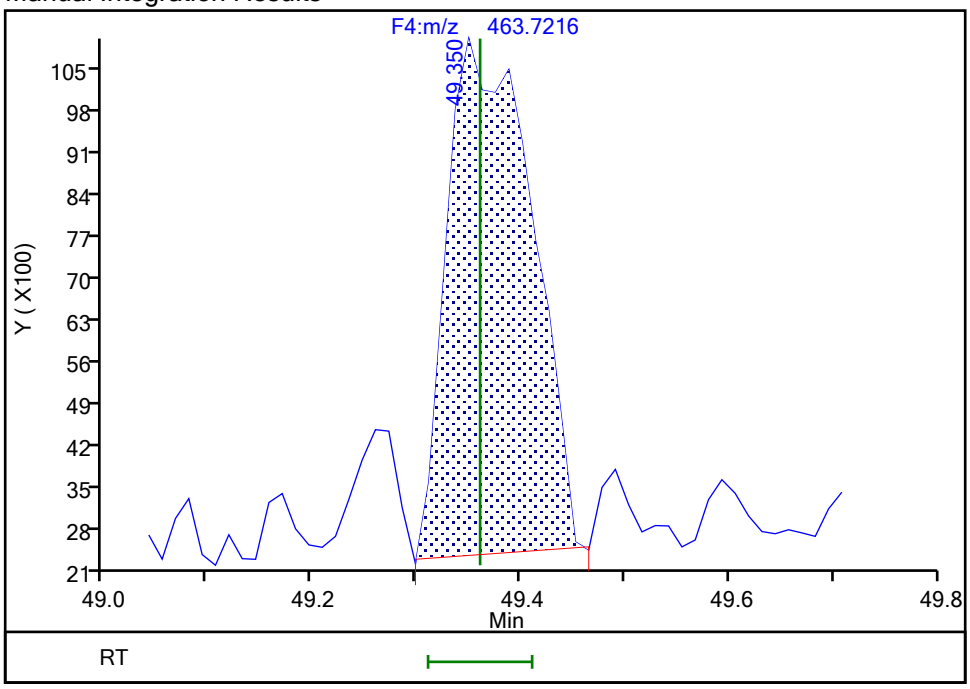
Not Detected
Expected RT: 49.36

Processing Integration Results



Manual Integration Results

RT: 49.35
Area: 48776
Amount: 0.544808
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 12:22:56
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

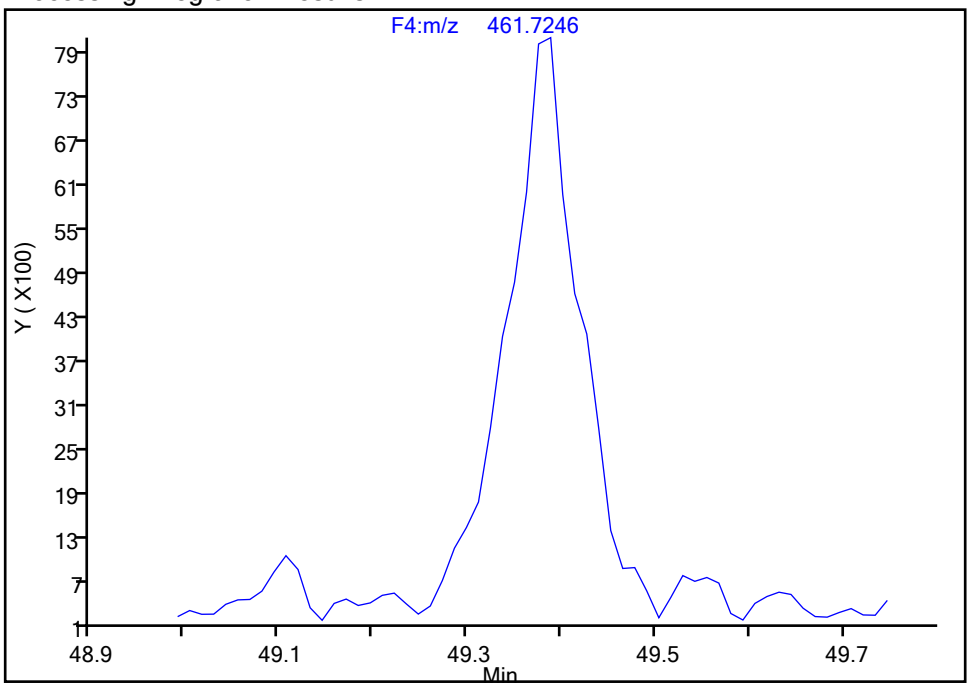
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-208, CAS: 52663-77-1

Signal: 1

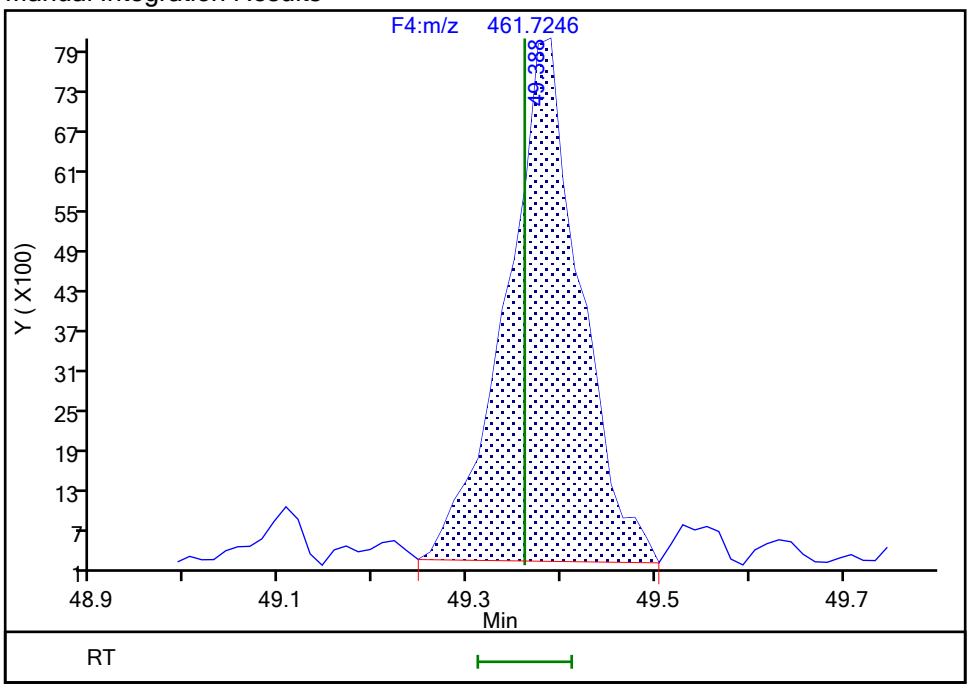
Not Detected
Expected RT: 49.36

Processing Integration Results



Manual Integration Results

RT: 49.39
Area: 43032
Amount: 0.544808
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 12:23:01
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

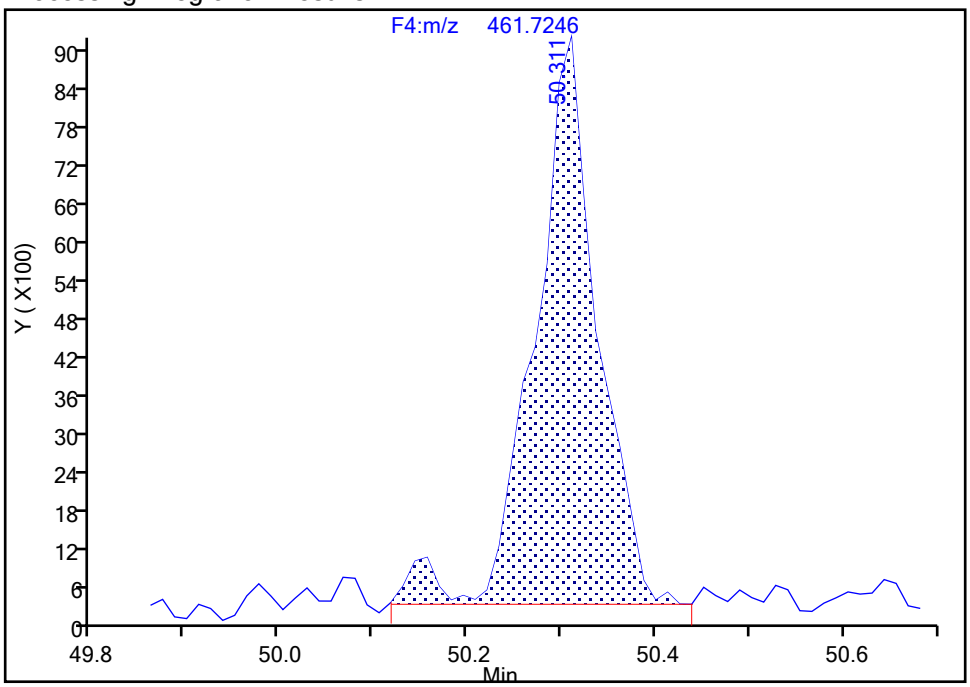
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-207, CAS: 52663-79-3

Signal: 1

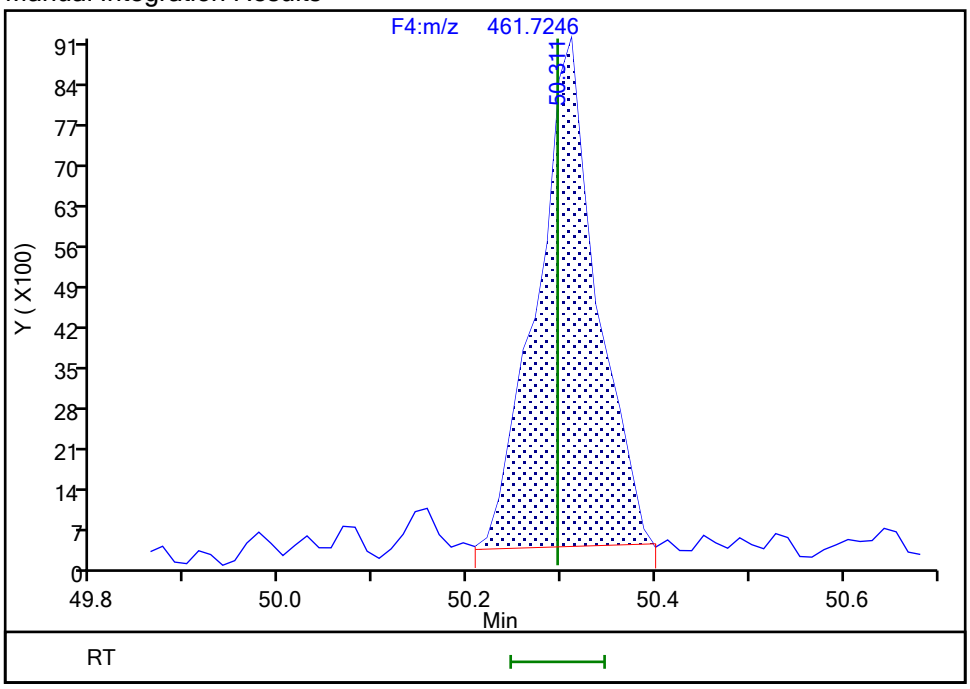
Processing Integration Results

RT: 50.31
Area: 41578
Amount: 0.500000
Amount Units: pg/ul



Manual Integration Results

RT: 50.31
Area: 38885
Amount: 0.492855
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 12:23:26

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

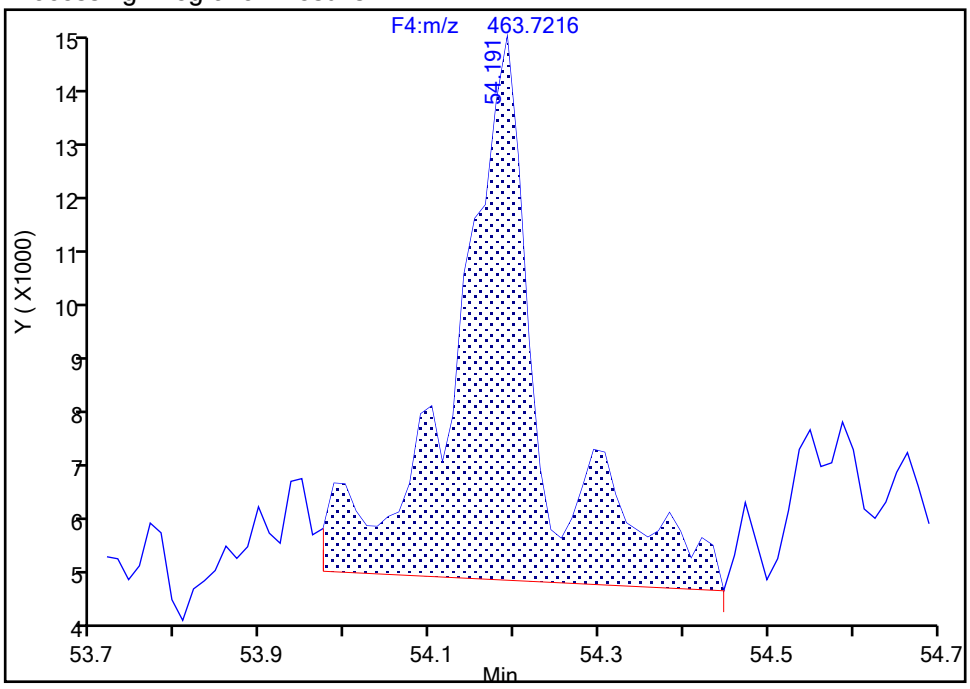
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-206, CAS: 40186-72-9

Signal: 2

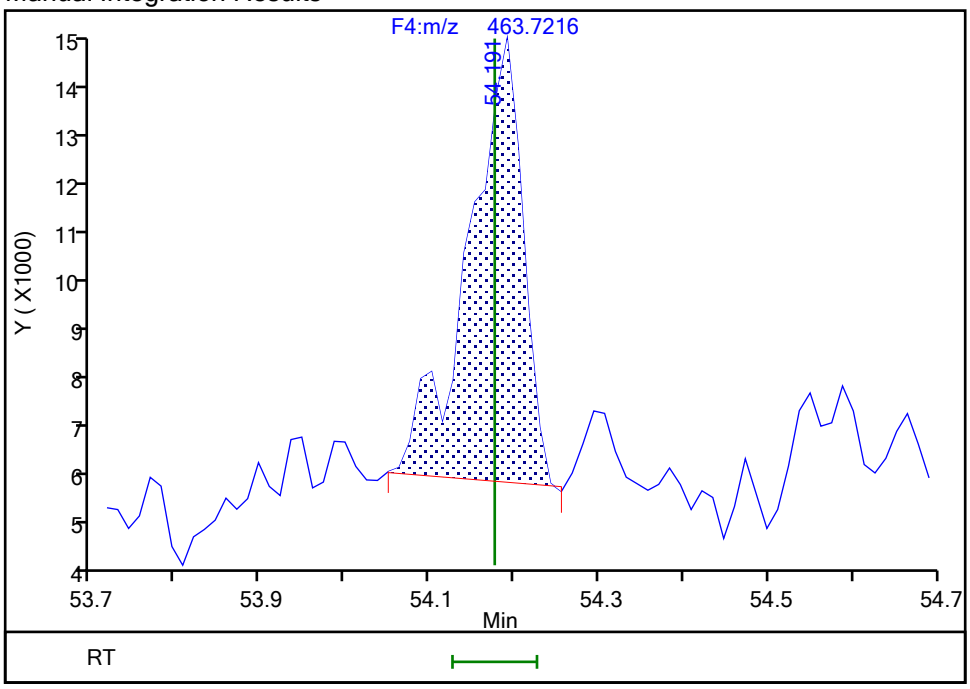
Processing Integration Results

RT: 54.19
Area: 70235
Amount: 0.500000
Amount Units: pg/ul



Manual Integration Results

RT: 54.19
Area: 39209
Amount: 0.491819
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 12:23:09

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

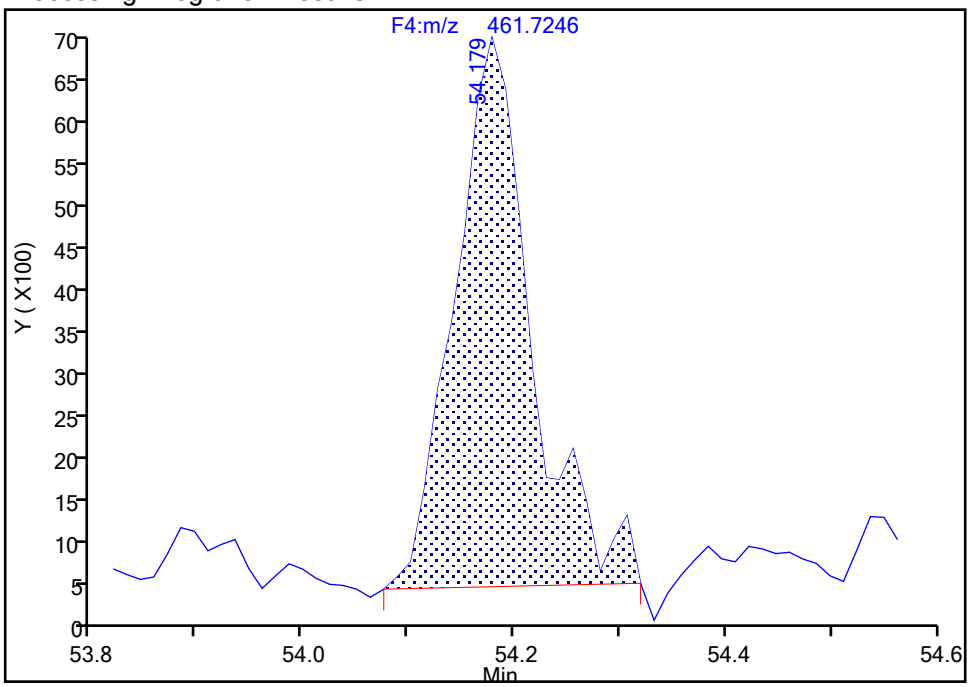
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-206, CAS: 40186-72-9

Signal: 1

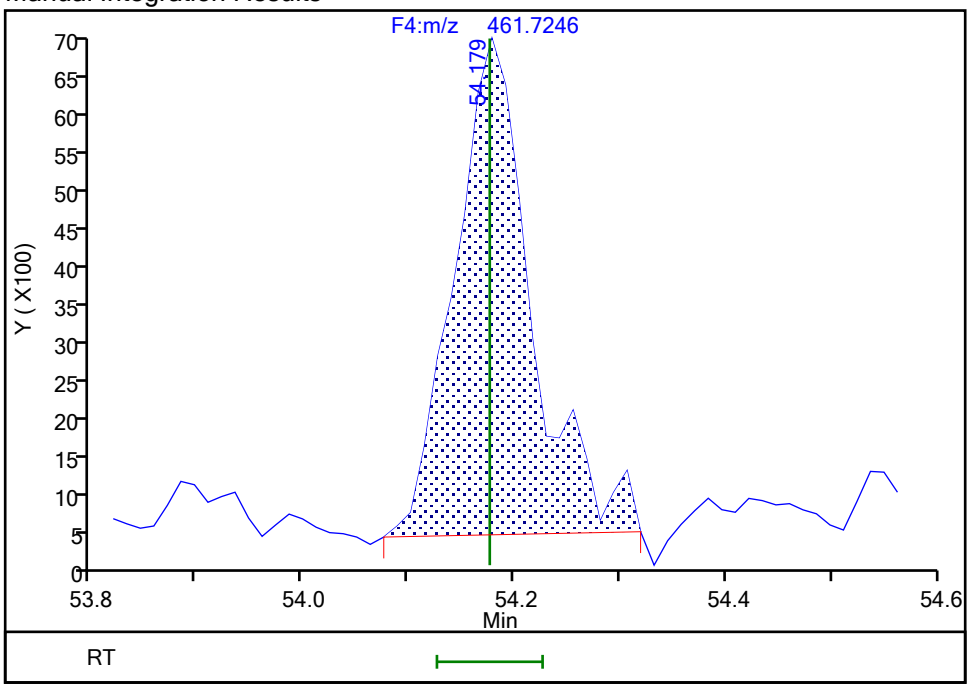
Processing Integration Results

RT: 54.18
Area: 33078
Amount: 0.500000
Amount Units: pg/ul



Manual Integration Results

RT: 54.18
Area: 33078
Amount: 0.491819
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 12:23:15
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

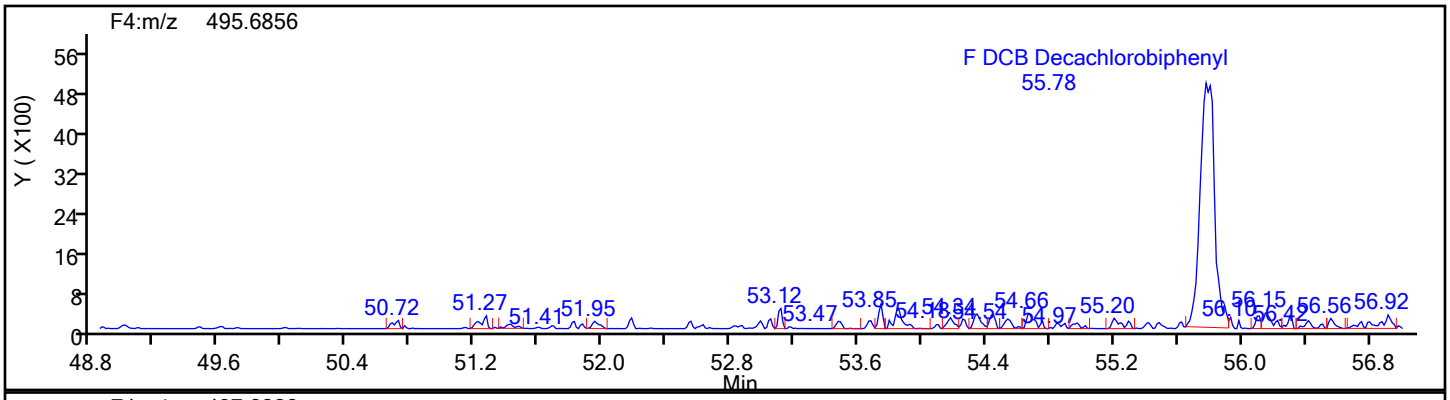
Report Date: 08-Oct-2021 19:10:41 Chrom Revision: 2.3 22-Sep-2021 15:38:46

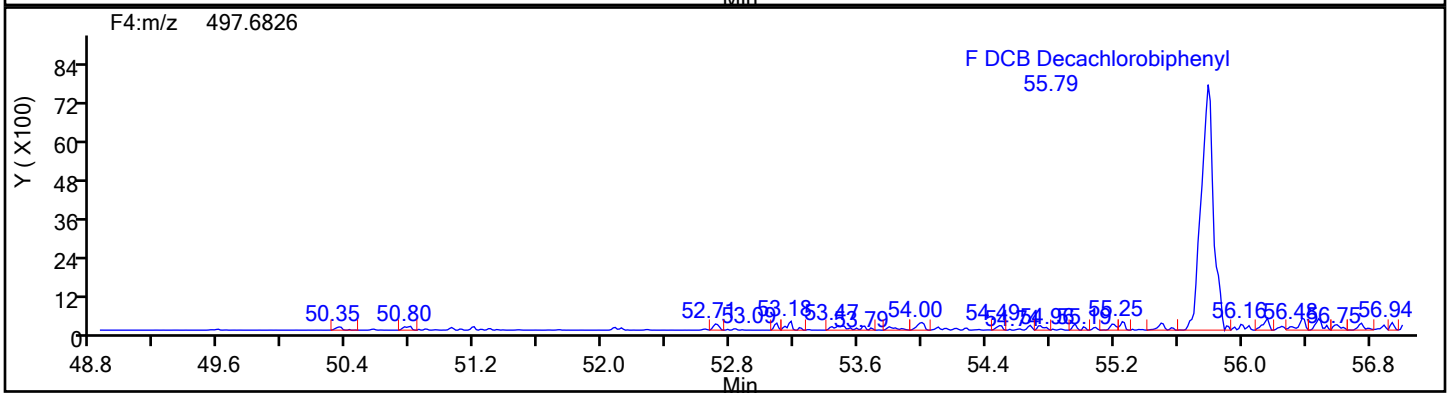
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d

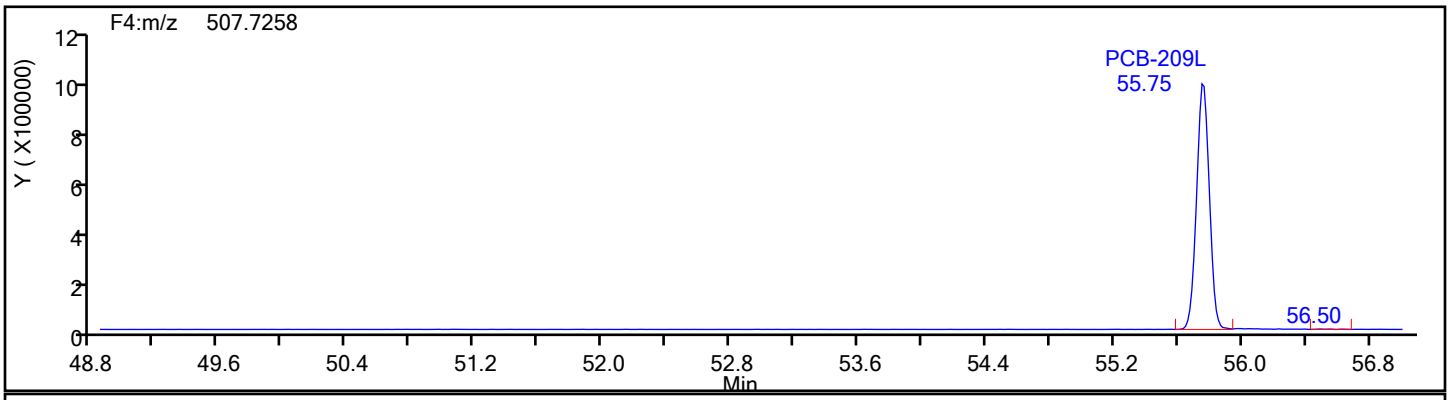
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

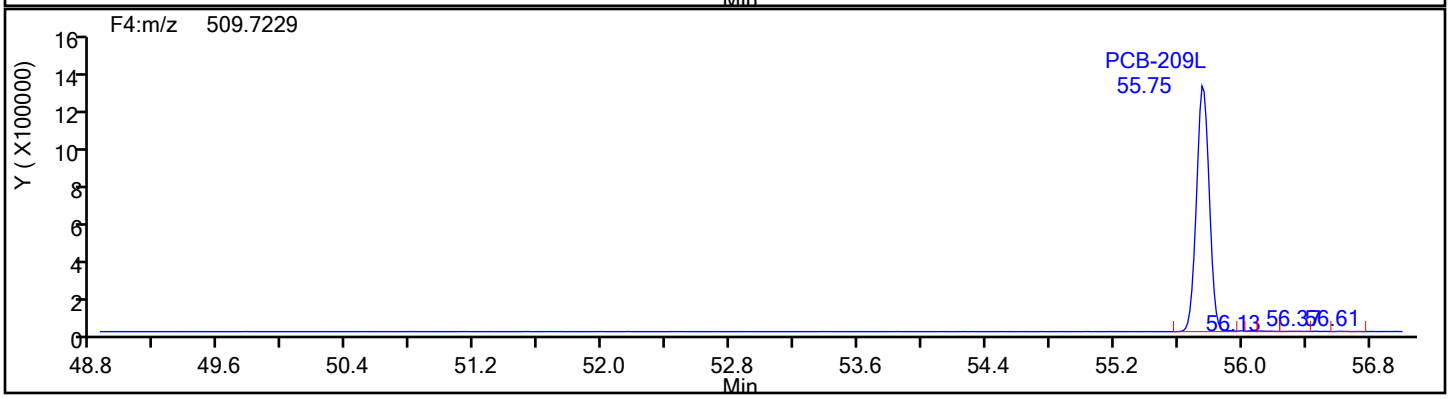
DePCB F4





DePCB F4 Standards



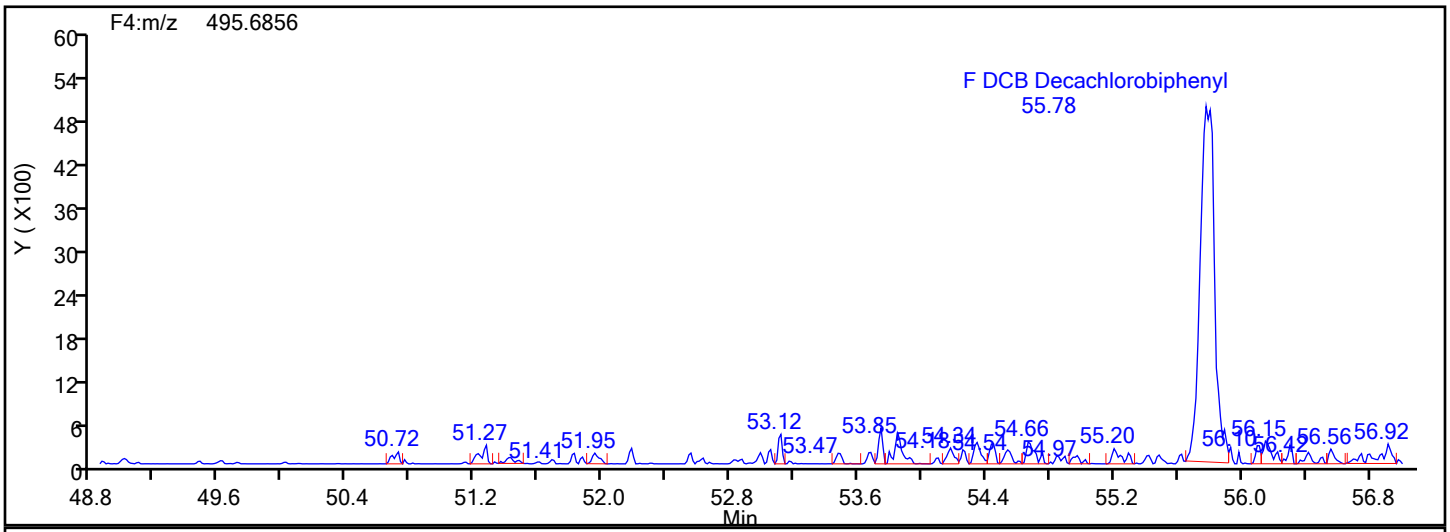


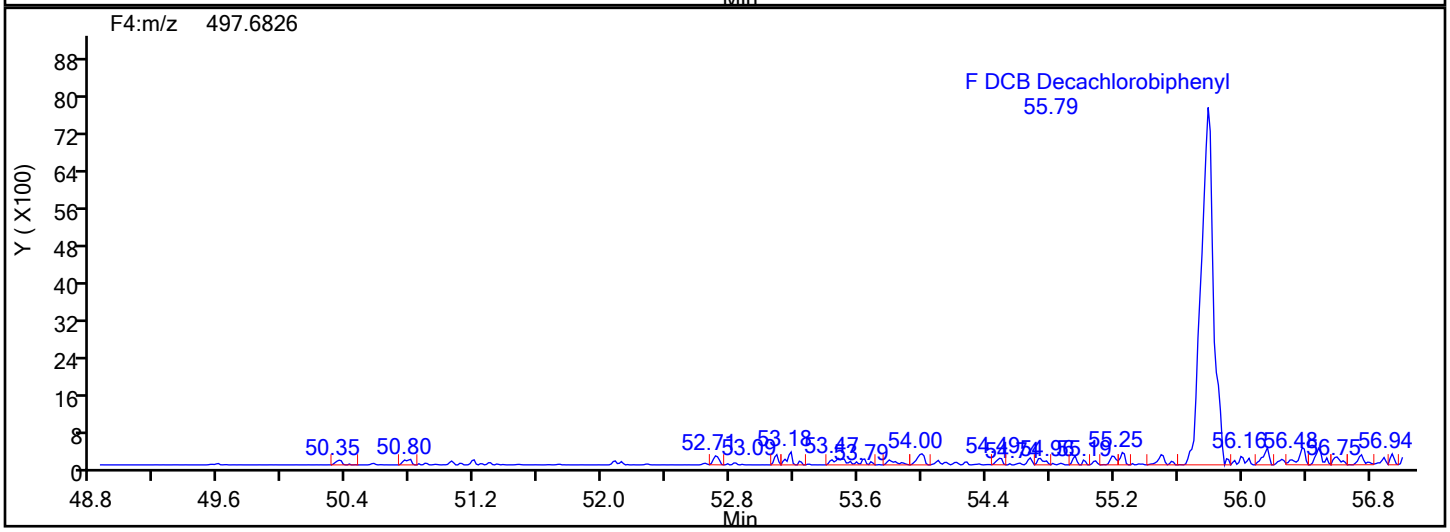
Report Date: 08-Oct-2021 19:10:41 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

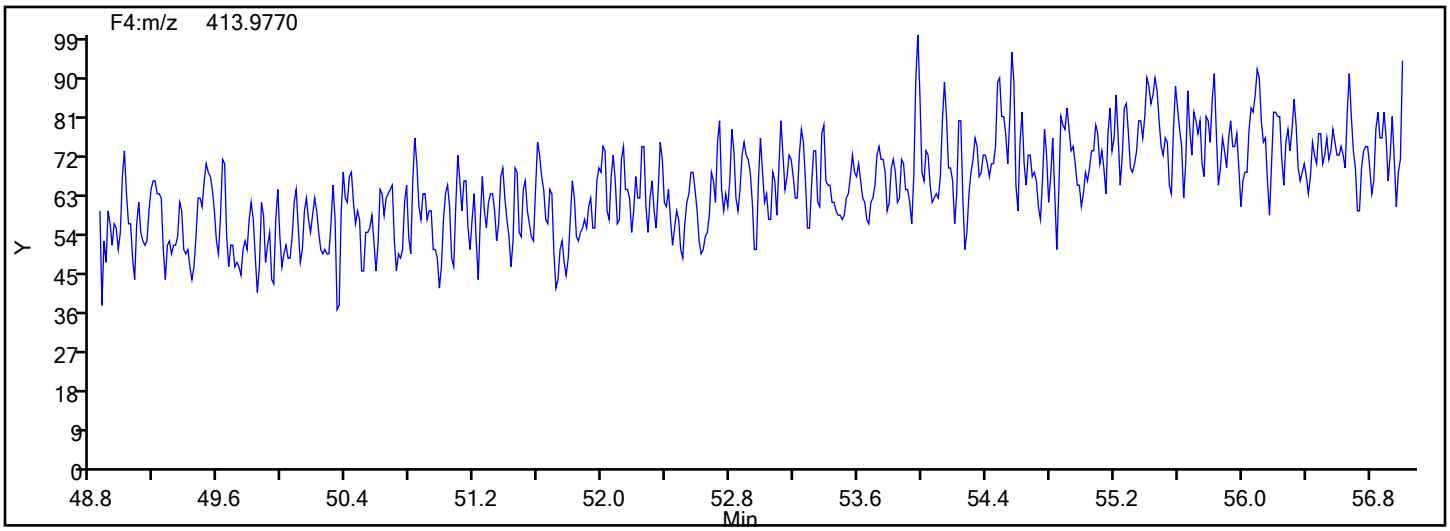
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d		
Injection Date:	08-Oct-2021 11:14:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	1
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

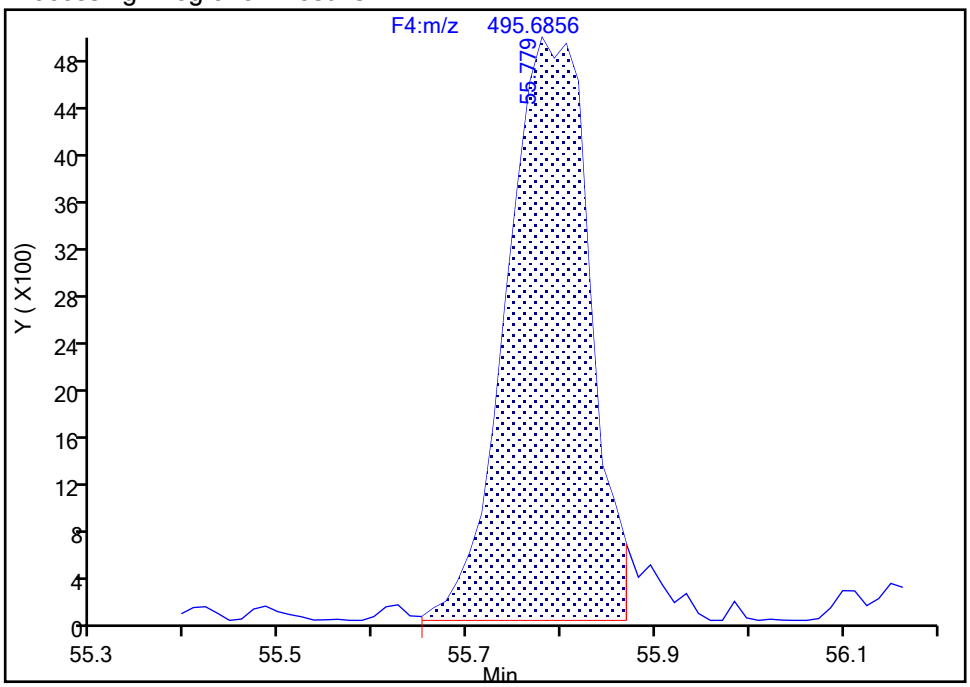
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic1.d				
Injection Date:	08-Oct-2021 11:14:00	Instrument ID:	D2D		
Lims ID:	IC L1				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

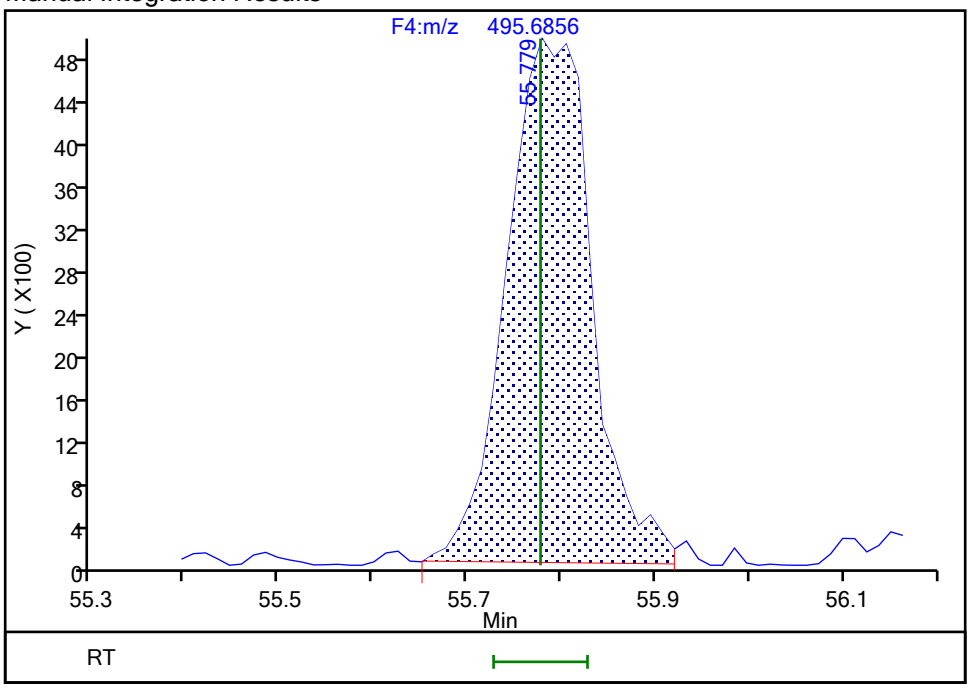
Processing Integration Results

RT: 55.78
Area: 30082
Amount: 0.527700
Amount Units: pg/ul



Manual Integration Results

RT: 55.78
Area: 30842
Amount: 0.562045
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:10:34

Audit Action: Manually Integrated Audit Reason: Split Peak

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Lims ID: IC L2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Oct-2021 12:38:00 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-002
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:10:22 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: davidsonm Date: 08-Oct-2021 19:10:22

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					2.930	2.930	0.0130	0.0130		
D PCB-1L	11:49	28359481	3.16	1.3572	101.4	101.4	0.2125	0.2125	101	
D PCB-3L	13:58	28981393	3.23	1.4136	99.5	99.5	0.2040	0.2040	99.52	
PCB-1	11:50	335252	3.29	1.2253	0.9648	0.9648	0.0120	0.0120	96.48	
PCB-2	13:49	352857	2.85	1.2638	0.9738	0.9738	0.0127	0.0127	97.38	
PCB-3	13:59	354704	2.82	1.2343	0.992	0.992	0.0142	0.0142	99.15	
S Total Dichlorobiphenyls					11.7	11.7	0.008976	0.008976		
D PCB-4L	14:14	12725624	1.58	0.6168	100.1	100.1	0.1220	0.1220	100	
* PCB-9L	16:11	20600795	1.61	2E+05	100.0	100.0				
D PCB-15L	20:08	22592576	1.62	1.1198	97.9	97.9	0.0672	0.0672	97.94	
PCB-4	14:15	158078	1.57	1.2801	0.9704	0.9704	0.0102	0.0102	97.04	
PCB-10	14:25	192695	1.55	1.1542	0.9454	0.9454	0.0101	0.0101	94.54	
PCB-9	16:12	237530	1.58	1.3642	0.9860	0.9860	0.008559	0.008559	98.60	
PCB-7	16:22	209331	1.49	1.2485	0.9494	0.9494	0.009352	0.009352	94.94	
PCB-6	16:37	261003	1.59	1.4961	0.9879	0.9879	0.007804	0.007804	98.79	
PCB-5	16:55	207505	1.57	1.2206	0.9627	0.9627	0.009566	0.009566	96.27	
PCB-8	17:03	255051	1.62	1.5207	0.9497	0.9497	0.007678	0.007678	94.97	
PCB-14	18:39	218141	1.63	1.2864	0.9603	0.9603	0.009076	0.009076	96.03	
PCB-11	19:32	253674	1.48	1.4418	0.996	0.996	0.008098	0.008098	99.63	
PCB-12	19:50	461065	1.64	1.2960	2.015	2.015	0.009009	0.009009	101	
PCB-13 (C12)	19:50	461065	1.64	1.2960	2.015	2.015	0.009009	0.009009	101	
PCB-15	20:09	255803	1.50	1.1378	0.995	0.995	0.009291	0.009291	99.52	
S Total Trichlorobiphenyls					23.2	23.2	0.0255	0.0255		
D PCB-19L	17:21	8746665	1.06	0.6075	99.8	99.8	0.3670	0.3670	99.81	
* PCB-32L	20:35	14424353	1.08	1.4E+05	100.0	100.0				
* PCB-31L	22:52	31559287	1.06	3.1E+05	100.0	100.0				
D PCB-37L	27:10	27891102	1.07	0.8960	98.6	98.6	0.1054	0.1054	98.64	
PCB-19	17:22	109923	0.98	1.2904	0.9739	0.9739	0.0208	0.0208	97.39	
PCB-18	19:09	313852	1.15	1.8076	1.985	1.985	0.0148	0.0148	99.25	M
PCB-30 (C18)	19:09	313852	1.15	1.8076	1.985	1.985	0.0148	0.0148	99.25	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-17	19:38	97978	1.12	1.2151	0.9219	0.9219	0.0221	0.0221	92.19	
PCB-27	19:51	138868	1.05	1.7146	0.9260	0.9260	0.0157	0.0157	92.60	
PCB-24	19:58	147502	0.98	1.7741	0.9505	0.9505	0.0151	0.0151	95.05	
PCB-16	20:07	102962	1.10	1.2003	0.9807	0.9807	0.0224	0.0224	98.07	
PCB-32	20:36	162448	1.10	1.9703	0.9426	0.9426	0.0136	0.0136	94.26	
PCB-34	21:52	260564	1.03	1.0089	0.9260	0.9260	0.0335	0.0335	92.60	
PCB-23	22:00	265325	1.02	1.0329	0.9210	0.9210	0.0327	0.0327	92.10	
PCB-26	22:19	563599	1.01	1.0037	2.013	2.013	0.0337	0.0337	101	
PCB-29 (C26)	22:19	563599	1.01	1.0037	2.013	2.013	0.0337	0.0337	101	
PCB-25	22:34	353936	0.95	1.2995	0.9765	0.9765	0.0260	0.0260	97.65	
PCB-31	22:52	335920	1.01	1.2369	0.9737	0.9737	0.0273	0.0273	97.37	
PCB-20	23:11	609529	0.97	1.1096	1.970	1.970	0.0305	0.0305	98.48	
PCB-28 (C20)	23:11	609529	0.97	1.1096	1.970	1.970	0.0305	0.0305	98.48	
PCB-21	23:25	616216	0.99	1.1245	1.965	1.965	0.0301	0.0301	98.24	M
PCB-33 (C21)	23:25	616216	0.99	1.1245	1.965	1.965	0.0301	0.0301	98.24	M
PCB-22	23:49	316448	0.98	1.2027	0.9434	0.9434	0.0281	0.0281	94.34	
PCB-36	25:21	349693	1.09	1.2953	0.9680	0.9680	0.0261	0.0261	96.80	
PCB-39	25:44	313496	1.03	1.1621	0.9672	0.9672	0.0291	0.0291	96.72	
PCB-38	26:18	326650	0.92	1.1759	0.996	0.996	0.0287	0.0287	99.60	
PCB-35	26:47	311867	1.01	1.1311	0.9886	0.9886	0.0299	0.0299	98.86	
PCB-37	27:12	306291	1.06	1.1448	0.9593	0.9593	0.0295	0.0295	95.93	
S Total Tetrachlorobiphenyls					40.9	40.7	0.0412	0.0412		RQ
D PCB-54L	20:26	9491682	0.79	0.6773	97.2	97.2	0.0329	0.0329	97.16	
* PCB-52L	24:59	16640624	0.80	1.6E+05	100.0	100.0				
D PCB-81L	33:56	22002358	0.81	1.3497	98.0	98.0	0.0946	0.0946	97.97	
D PCB-77L	34:31	23364080	0.80	1.4256	98.5	98.5	0.0895	0.0895	98.49	
PCB-54	20:28	115712	0.73	1.2064	1.010	1.010	0.005987	0.005987	101	
PCB-50	22:37	349838	0.81	0.7674	2.010	2.010	0.0540	0.0540	100	
PCB-53 (C50)	22:37	349838	0.81	0.7674	2.010	2.010	0.0540	0.0540	100	
PCB-45	23:18	302782	0.81	0.7052	1.893	1.893	0.0588	0.0588	94.64	M
PCB-51 (C45)	23:18	302782	0.81	0.7052	1.893	1.893	0.0588	0.0588	94.64	M
PCB-46	23:37	130597	0.78	0.5909	0.9743	0.9743	0.0701	0.0701	97.43	
PCB-52	25:01	187574	0.78	0.8488	0.9742	0.9742	0.0488	0.0488	97.42	
PCB-43	25:08	385902	0.88	0.8936	1.904	1.904	0.0464	0.0464	95.20	M
PCB-73 (C43)	25:08	385902	0.88	0.8936	1.904	1.904	0.0464	0.0464	95.20	M
PCB-49	25:25	383748	0.87	0.8934	1.894	1.894	0.0464	0.0464	94.68	
PCB-69 (C49)	25:25	383748	0.87	0.8934	1.894	1.894	0.0464	0.0464	94.68	
PCB-48	25:47	169182	0.75	0.7506	0.994	0.994	0.0552	0.0552	99.37	
PCB-44	26:01	550661	0.82	0.8388	2.894	2.894	0.0494	0.0494	96.48	
PCB-47 (C44)	26:01	550661	0.82	0.8388	2.894	2.894	0.0494	0.0494	96.48	
PCB-65 (C44)	26:01	550661	0.82	0.8388	2.894	2.894	0.0494	0.0494	96.48	
PCB-59	26:20	659372	0.83	1.0042	2.895	2.895	0.0413	0.0413	96.49	
PCB-62 (C59)	26:20	659372	0.83	1.0042	2.895	2.895	0.0413	0.0413	96.49	
PCB-75 (C59)	26:20	659372	0.83	1.0042	2.895	2.895	0.0413	0.0413	96.49	
PCB-42	26:32	140638	0.77	0.6874	0.9671	0.9019	0.0603	0.0603	96.71	RQM
PCB-40	27:03	505087	0.79	0.7618	2.923	2.923	0.0544	0.0544	97.43	M
PCB-41 (C40)	27:03	505087	0.79	0.7618	2.923	2.923	0.0544	0.0544	97.43	M
PCB-71 (C40)	27:03	505087	0.79	0.7618	2.923	2.923	0.0544	0.0544	97.43	M
PCB-64	27:15	218988	0.78	1.0318	0.9357	0.9357	0.0402	0.0402	93.57	
PCB-72	28:04	253531	0.77	1.1621	0.9618	0.9618	0.0357	0.0357	96.18	
PCB-68	28:21	252795	0.81	1.1249	0.991	0.991	0.0368	0.0368	99.07	
PCB-57	28:46	242169	0.87	1.1107	0.9612	0.9612	0.0373	0.0373	96.12	
PCB-58	29:02	263400	0.77	1.2848	0.9680	0.9038	0.0323	0.0323	96.80	RQ
PCB-67	29:11	257924	0.77	1.3274	0.9295	0.8566	0.0312	0.0312	92.95	RQ

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-63	29:27	236586	0.84	1.0648	0.9795	0.9795	0.0389	0.0389	97.95	
PCB-61	29:48	1016556	0.82	1.1549	3.881	3.881	0.0359	0.0359	97.01	M
PCB-70 (C61)	29:48	1016556	0.82	1.1549	3.881	3.881	0.0359	0.0359	97.01	M
PCB-74 (C61)	29:48	1016556	0.82	1.1549	3.881	3.881	0.0359	0.0359	97.01	M
PCB-76 (C61)	29:48	1016556	0.82	1.1549	3.881	3.881	0.0359	0.0359	97.01	M
PCB-66	30:08	265395	0.84	1.2325	0.9493	0.9493	0.0336	0.0336	94.93	
PCB-55	30:18	277852	0.85	1.2655	0.9680	0.9680	0.0328	0.0328	96.80	
PCB-56	30:49	257986	0.76	1.2161	0.9352	0.9352	0.0341	0.0341	93.52	
PCB-60	31:01	245795	0.89	1.0554	1.027	1.027	0.0393	0.0393	103	
PCB-80	31:24	294626	0.77	1.2769	1.017	1.017	0.0325	0.0325	102	
PCB-79	32:57	328144	0.77	1.4452	1.001	1.001	0.0287	0.0287	100	
PCB-78	33:31	267796	0.71	1.2116	0.9744	0.9744	0.0342	0.0342	97.44	
PCB-81	33:57	234391	0.66	1.0148	1.050	1.050	0.0409	0.0409	105	
PCB-77	34:31	247129	0.79	1.0498	1.008	1.008	0.0394	0.0394	101	
S Total Pentachlorobiphenyls					44.6	44.6	0.0223	0.0223		
D PCB-104L	25:55	14512098	1.58	1.1880	100.9	100.9	0.0202	0.0202	101	
* PCB-101L	31:49	12110958	1.58	1.2E+05	100.0	100.0				
D PCB-123L	36:29	19766926	1.59	0.9399	96.7	96.7	0.5462	0.5462	96.65	
D PCB-118L	36:49	20525599	1.59	0.9794	96.3	96.3	0.5243	0.5243	96.32	
D PCB-114L	37:20	20635249	1.60	0.9767	97.1	97.1	0.5257	0.5257	97.10	
D PCB-105L	38:01	20452074	1.60	0.9600	97.9	97.9	0.5348	0.5348	97.91	
* PCB-127L	39:27	21758544	1.58	2.1E+05	100.0	100.0				
D PCB-126L	41:06	19892905	1.58	0.9554	95.7	95.7	0.5374	0.5374	95.69	
PCB-104	25:57	135711	1.74	1.0054	0.9301	0.9301	0.0164	0.0164	93.01	
PCB-96	26:20	150888	1.51	1.1511	0.9032	0.9032	0.0143	0.0143	90.32	
PCB-103	28:14	120002	1.61	0.8327	0.993	0.993	0.0198	0.0198	99.31	
PCB-94	28:29	103421	1.40	0.6950	1.025	1.025	0.0237	0.0237	103	
PCB-95	28:56	110175	1.53	0.7922	0.9583	0.9583	0.0208	0.0208	95.83	
PCB-93	29:08	215983	1.57	0.7830	1.901	1.901	0.0210	0.0210	95.04	
PCB-100 (C93)	29:08	215983	1.57	0.7830	1.901	1.901	0.0210	0.0210	95.04	
PCB-98	29:19	263180	1.57	0.9182	1.975	1.975	0.0179	0.0179	98.75	M
PCB-102 (C98)	29:19	263180	1.57	0.9182	1.975	1.975	0.0179	0.0179	98.75	M
PCB-88	29:47	226771	1.59	0.8023	1.948	1.948	0.0205	0.0205	97.38	M
PCB-91 (C88)	29:47	226771	1.59	0.8023	1.948	1.948	0.0205	0.0205	97.38	M
PCB-84	30:02	99628	1.42	0.6855	1.001	1.001	0.0240	0.0240	100	
PCB-89	30:30	121057	1.56	0.8482	0.9834	0.9834	0.0194	0.0194	98.34	
PCB-121	30:52	183676	1.59	1.2839	0.9858	0.9858	0.0128	0.0128	98.58	
PCB-92	31:16	115710	1.45	0.7805	1.022	1.022	0.0211	0.0211	102	
PCB-90	31:49	404908	1.61	0.9542	2.924	2.924	0.0172	0.0172	97.47	
PCB-101 (C90)	31:49	404908	1.61	0.9542	2.924	2.924	0.0172	0.0172	97.47	
PCB-113 (C90)	31:49	404908	1.61	0.9542	2.924	2.924	0.0172	0.0172	97.47	
PCB-83	32:25	255020	1.69	0.8851	1.985	1.985	0.0186	0.0186	99.27	M
PCB-99 (C83)	32:25	255020	1.69	0.8851	1.985	1.985	0.0186	0.0186	99.27	M
PCB-112	32:32	202938	1.57	1.4150	0.9883	0.9883	0.0116	0.0116	98.83	
PCB-86	32:55	852380	1.47	1.0283	5.712	5.712	0.0160	0.0160	95.20	M
PCB-87 (C86)	32:55	852380	1.47	1.0283	5.712	5.712	0.0160	0.0160	95.20	M
PCB-97 (C86)	32:55	852380	1.47	1.0283	5.712	5.712	0.0160	0.0160	95.20	M
PCB-109 (C86)	32:55	852380	1.47	1.0283	5.712	5.712	0.0160	0.0160	95.20	M
PCB-119 (C86)	32:55	852380	1.47	1.0283	5.712	5.712	0.0160	0.0160	95.20	M
PCB-125 (C86)	32:55	852380	1.47	1.0283	5.712	5.712	0.0160	0.0160	95.20	M
PCB-85	33:39	425738	1.59	1.0238	2.866	2.866	0.0161	0.0161	95.52	M
PCB-116 (C85)	33:39	425738	1.59	1.0238	2.866	2.866	0.0161	0.0161	95.52	M
PCB-117 (C85)	33:39	425738	1.59	1.0238	2.866	2.866	0.0161	0.0161	95.52	M
PCB-110	33:52	379669	1.70	1.3556	1.930	1.930	0.0121	0.0121	96.50	
PCB-115 (C110)	33:52	379669	1.70	1.3556	1.930	1.930	0.0121	0.0121	96.50	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-82	34:11	128696	1.60	0.8520	1.041	1.041	0.0193	0.0193	104	
PCB-111	34:31	172836	1.71	1.2217	0.9749	0.9749	0.0135	0.0135	97.49	
PCB-120	34:59	210583	1.57	1.5157	0.9574	0.9574	0.0109	0.0109	95.74	
PCB-108	36:09	411225	1.65	1.0910	1.861	1.861	0.0328	0.0328	93.05	
PCB-124 (C108)	36:09	411225	1.65	1.0910	1.861	1.861	0.0328	0.0328	93.05	
PCB-107	36:24	222820	1.45	1.2004	0.9164	0.9164	0.0298	0.0298	91.64	
PCB-123	36:31	198927	1.58	1.0447	0.9633	0.9633	0.0347	0.0347	96.33	
PCB-106	36:37	228515	1.78	1.1708	0.9636	0.9636	0.0305	0.0305	96.36	M
PCB-118	36:50	208927	1.54	1.0261	0.992	0.992	0.0342	0.0342	99.20	M
PCB-122	37:11	181435	1.54	0.9264	0.9670	0.9670	0.0386	0.0386	96.70	
PCB-114	37:22	216062	1.58	1.0927	0.9582	0.9582	0.0315	0.0315	95.82	
PCB-105	38:02	214643	1.59	1.0755	0.9758	0.9758	0.0334	0.0334	97.58	M
PCB-127	39:29	225505	1.48	1.1835	0.9407	0.9407	0.0302	0.0302	94.07	M
PCB-126	41:07	248032	1.44	1.2284	1.015	1.015	0.0303	0.0303	102	
S Total Hexachlorobiphenyls					40.3	40.0	0.0339	0.0339		RQ
D PCB-155L	31:34	14041006	1.29	1.1357	102.1	102.1	0.0187	0.0187	102	
* PCB-138L	39:56	15063234	1.27	1.5E+05	100.0	100.0				
D PCB-167L	42:56	19201921	1.27	1.2662	100.7	100.7	0.4113	0.4113	101	
D PCB-156L	44:07	37783522	1.28	1.2515	200.4	200.4	0.4161	0.4161	100	
D PCB-157L (C156L)	44:07	37783522	1.28	1.2515	200.4	200.4	0.4161	0.4161	100	
D PCB-169L	47:21	19625603	1.29	1.3070	99.7	99.7	0.3984	0.3984	99.68	
PCB-155	31:35	127045	1.33	0.9289	0.9741	0.9741	0.0123	0.0123	97.41	
PCB-152	31:50	145605	1.28	1.1242	0.9224	0.9224	0.0102	0.0102	92.24	
PCB-150	31:59	137793	1.28	0.9966	0.9847	0.9847	0.0115	0.0115	98.47	
PCB-136	32:22	113937	1.24	0.9632	0.9370	0.8425	0.0119	0.0119	93.70	RQ
PCB-145	32:38	141125	1.28	1.0775	0.9328	0.9328	0.0106	0.0106	93.28	
PCB-148	34:08	96455	1.40	0.7376	0.9313	0.9313	0.0155	0.0155	93.13	
PCB-135	34:49	201777	1.33	0.7414	1.938	1.938	0.0155	0.0155	96.92	M
PCB-151 (C135)	34:49	201777	1.33	0.7414	1.938	1.938	0.0155	0.0155	96.92	M
PCB-154	35:00	110041	1.22	0.8223	0.9531	0.9531	0.0139	0.0139	95.31	
PCB-144	35:18	94256	1.24	0.7371	1.025	0.9107	0.0156	0.0156	102	RQ
PCB-147	35:41	318768	1.27	0.8634	1.928	1.928	0.0433	0.0433	96.38	
PCB-149 (C147)	35:41	318768	1.27	0.8634	1.928	1.928	0.0433	0.0433	96.38	
PCB-134	35:54	257120	1.24	0.6812	1.971	1.971	0.0549	0.0549	98.53	M
PCB-143 (C134)	35:54	257120	1.24	0.6812	1.971	1.971	0.0549	0.0549	98.53	M
PCB-139	36:16	298080	1.30	0.8381	1.857	1.857	0.0446	0.0446	92.84	
PCB-140 (C139)	36:16	298080	1.30	0.8381	1.857	1.857	0.0446	0.0446	92.84	
PCB-131	36:29	128543	1.08	0.6856	0.9789	0.9789	0.0545	0.0545	97.89	
PCB-142	36:39	120938	1.23	0.6760	0.9340	0.9340	0.0553	0.0553	93.40	
PCB-132	36:58	131516	1.31	0.7063	0.9722	0.9722	0.0529	0.0529	97.22	
PCB-133	37:26	141500	1.15	0.7770	0.9508	0.9508	0.0481	0.0481	95.08	
PCB-165	37:50	177000	1.16	0.9584	0.9643	0.9643	0.0390	0.0390	96.43	
PCB-146	38:04	164689	1.32	0.9163	0.9384	0.9384	0.0408	0.0408	93.84	
PCB-161	38:12	200926	1.39	1.1406	0.9198	0.9198	0.0328	0.0328	91.98	
PCB-153	38:42	388031	1.19	1.0468	1.935	1.935	0.0357	0.0357	96.77	
PCB-168 (C153)	38:42	388031	1.19	1.0468	1.935	1.935	0.0357	0.0357	96.77	
PCB-141	38:54	138983	1.36	0.7580	0.9573	0.9573	0.0493	0.0493	95.73	
PCB-130	39:20	124153	1.16	0.6356	1.020	1.020	0.0588	0.0588	102	
PCB-137	39:31	120274	1.24	0.7533	0.9127	0.8336	0.0496	0.0496	91.27	RQ
PCB-164	39:40	209729	1.25	1.1173	0.9801	0.9801	0.0335	0.0335	98.01	
PCB-129	39:58	641846	1.38	0.8826	3.797	3.797	0.0424	0.0424	94.93	M
PCB-138 (C129)	39:58	641846	1.38	0.8826	3.797	3.797	0.0424	0.0424	94.93	M
PCB-160 (C129)	39:58	641846	1.38	0.8826	3.797	3.797	0.0424	0.0424	94.93	M
PCB-163 (C129)	39:58	641846	1.38	0.8826	3.797	3.797	0.0424	0.0424	94.93	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-158	40:20	206336	1.24	1.1331	0.9507	0.9507	0.0330	0.0330	95.07	
PCB-128	41:11	345204	1.32	0.9522	1.893	1.893	0.0393	0.0393	94.64	
PCB-166 (C128)	41:11	345204	1.32	0.9522	1.893	1.893	0.0393	0.0393	94.64	
PCB-159	42:12	234992	1.25	1.3072	0.9386	0.9386	0.0286	0.0286	93.86	
PCB-162	42:29	198317	1.19	1.0935	0.9470	0.9470	0.0342	0.0342	94.70	M
PCB-167	42:58	211104	1.20	1.1098	0.991	0.991	0.0270	0.0270	99.06	
PCB-156	44:09	395317	1.25	1.0713	1.953	1.953	0.0459	0.0459	97.67	
PCB-157 (C156)	44:09	395317	1.25	1.0713	1.953	1.953	0.0459	0.0459	97.67	
PCB-169	47:23	237150	1.24	1.2249	0.9865	0.9865	0.0248	0.0248	98.65	
S Total Heptachlorobiphenyls					23.2	23.2	0.004456	0.004456		
D PCB-188L	37:18	15201691	1.06	1.2605	100.6	100.6	0.0246	0.0246	101	
* PCB-180L	45:29	11987746	1.07	1.2E+05	100.0	100.0				
D PCB-170L	46:46	10464980	1.06	0.8524	102.4	102.4	0.0364	0.0364	102	
D PCB-189L	49:52	23470697	1.07	1.4740	98.6	98.6	0.1055	0.1055	98.60	
PCB-188	37:20	149754	1.13	1.0534	0.9351	0.9351	0.003251	0.003251	93.51	
PCB-179	37:42	179731	1.07	1.4009	1.000	1.000	0.002940	0.002940	99.97	
PCB-184	38:11	159375	1.03	1.2996	0.9556	0.9556	0.003169	0.003169	95.56	
PCB-176	38:35	149841	1.02	1.1987	0.9741	0.9741	0.003436	0.003436	97.41	
PCB-186	39:02	174596	1.15	1.4715	0.9246	0.9246	0.002799	0.002799	92.46	
PCB-178	40:24	101660	1.10	0.8813	0.8988	0.8988	0.004673	0.004673	89.88	
PCB-175	41:01	114858	1.12	0.9040	0.990	0.990	0.004556	0.004556	99.00	
PCB-187	41:18	142848	1.06	1.1524	0.9659	0.9659	0.003574	0.003574	96.59	
PCB-182	41:30	132999	0.97	1.1052	0.9377	0.9377	0.003726	0.003726	93.77	
PCB-183	41:54	254639	1.02	0.9716	2.042	2.042	0.004239	0.004239	102	M
PCB-185 (C183)	41:54	254639	1.02	0.9716	2.042	2.042	0.004239	0.004239	102	M
PCB-174	42:10	127073	1.03	0.9981	0.992	0.992	0.004126	0.004126	99.21	
PCB-177	42:37	119713	0.98	0.9612	0.9705	0.9705	0.004285	0.004285	97.05	
PCB-181	43:00	138963	1.11	1.0577	1.024	1.024	0.003894	0.003894	102	
PCB-171	43:13	216677	1.00	0.8964	1.883	1.883	0.004594	0.004594	94.17	
PCB-173 (C171)	43:13	216677	1.00	0.8964	1.883	1.883	0.004594	0.004594	94.17	
PCB-172	44:51	118897	1.09	0.9283	0.998	0.998	0.004437	0.004437	99.80	
PCB-192	45:07	174224	1.13	1.4131	0.9607	0.9607	0.002915	0.002915	96.07	
PCB-180	45:29	285070	1.03	1.1677	1.902	1.902	0.003527	0.003527	95.12	
PCB-193 (C180)	45:29	285070	1.03	1.1677	1.902	1.902	0.003527	0.003527	95.12	
PCB-191	45:52	149339	1.00	1.2698	0.9164	0.9164	0.003243	0.003243	91.64	
PCB-170	46:48	111350	0.98	1.0923	0.9742	0.9742	0.004728	0.004728	97.42	
PCB-190	47:17	166775	1.13	1.3003	0.999	0.999	0.003167	0.003167	99.94	M
PCB-189	49:53	229072	1.02	1.0146	0.9620	0.9620	0.0183	0.0183	96.20	
S Total Octachlorobiphenyls					11.8	11.8	0.0150	0.0150		
D PCB-202L	42:41	12550908	0.92	1.0390	100.8	100.8	0.0162	0.0162	101	
* PCB-194L	51:58	16149962	0.91	1.5E+05	100.0	100.0				
D PCB-205L	52:26	19275891	0.91	1.2166	98.1	98.1	0.0412	0.0412	98.11	
PCB-202	42:42	128632	0.89	1.0078	1.017	1.017	0.0120	0.0120	102	
PCB-201	43:38	119780	0.94	0.9580	0.996	0.996	0.0126	0.0126	99.62	
PCB-204	44:17	138741	0.93	1.1119	0.994	0.994	0.0109	0.0109	99.42	
PCB-197	44:32	125734	0.95	1.0487	0.9553	0.9553	0.0115	0.0115	95.53	
PCB-200	44:39	114879	0.78	0.9671	0.9464	0.9464	0.0125	0.0125	94.64	
PCB-198	47:27	219126	0.93	0.8830	1.977	1.977	0.0137	0.0137	98.86	
PCB-199 (C198)	47:27	219126	0.93	0.8830	1.977	1.977	0.0137	0.0137	98.86	
PCB-196	48:08	95605	0.87	0.7882	0.9664	0.9664	0.0154	0.0154	96.64	
PCB-203	48:19	118445	0.92	0.9704	0.9725	0.9725	0.0125	0.0125	97.25	
PCB-195	49:39	155103	0.84	0.8289	0.9707	0.9707	0.0243	0.0243	97.07	
PCB-194	52:00	172375	0.88	0.9255	0.9662	0.9662	0.0218	0.0218	96.62	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-205	52:27	214781	0.85	1.1267	0.9890	0.9890	0.0179	0.0179	98.90	
S Total Nonachlorobiphenyls					3.063	3.063	0.0422	0.0422		
D PCB-208L	49:22	16534622	0.81	1.0234	100.0	100.0	0.6114	0.6114	100	
D PCB-206L	54:10	11390471	0.83	0.7298	96.6	96.6	0.8573	0.8573	96.64	
PCB-208	49:23	172384	0.80	1.0457	0.997	0.997	0.0390	0.0390	99.70	
PCB-207	50:19	177557	0.73	1.2328	1.032	1.032	0.0395	0.0395	103	M
PCB-206	54:12	148091	0.89	1.2570	1.034	1.034	0.0481	0.0481	103	
D PCB-209L	55:46	12165704	0.72	0.7565	99.6	99.6	0.0421	0.0421	99.57	
DCB Decachlorobiphenyl	55:49	126172	0.78	1.0418	0.995	0.995	0.007177	0.007177	99.55	Ma
S Polychlorinated biphenyls, Total					199.7	0.995	0.0223	0.0223		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- a - User Assigned ID

Reagents:

61L11668P_00004 Amount Added: 20.00 Units: uL

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Lims ID: IC L2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 08-Oct-2021 12:38:00 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-002
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:10:22 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: davidsonm Date: 08-Oct-2021 19:10:22

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:49	11:48	1	0.730	21544097	8728935	4153	10382	2102		
202.0766	11:49	11:48	1	0.730	6815384	2735229	2801	7002	977	3.16(2.66-3.60)	
PCB-3L											
200.0795	13:58	13:58	1	0.863	22136833	7355766	4153	10382	1771		
202.0766	13:58	13:58	1	0.863	6844560	2287152	2801	7002	817	3.23(2.66-3.60)	
PCB-1											
188.0393	11:50	11:49	1	1.001	257136	101859	279	697	365		
190.0363	11:50	11:49	1	1.001	78116	31573	398	995	79	3.29(2.66-3.60)	
PCB-2											
188.0393	13:49	13:48	1	0.989	261293	89667	279	697	321		
190.0363	13:49	13:48	1	0.989	91564	28562	398	995	72	2.85(2.66-3.60)	
PCB-3											
188.0393	13:59	13:58	1	1.001	261782	85223	279	697	305		
190.0363	13:59	13:58	1	1.001	92922	27934	398	995	70	2.82(2.66-3.60)	
PCB-4L											
234.0406	14:14	14:13	1	0.880	7783783	2607507	1505	3762	1733		
236.0376	14:14	14:13	1	0.880	4941841	1648972	309	772	5336	1.58(1.33-1.79)	
PCB-9L											
234.0406	16:11	16:10	1		12719009	3692455	1505	3762	2453		
236.0376	16:11	16:10	1		7881786	2336026	309	772	7560	1.61(1.33-1.79)	
PCB-15L											
234.0406	20:08	20:06	1	1.244	13953511	3244813	1505	3762	2156		
236.0376	20:07	20:06	1	1.243	8639065	2005489	309	772	6490	1.62(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-4											
222.0003	14:15	14:14	1	1.001	96616	32194	124	310	260		
223.9974	14:15	14:14	1	1.001	61462	21635	98	245	221	1.57(1.33-1.79)	
PCB-10											
222.0003	14:25	14:24	1	1.013	117014	35709	124	310	288		
223.9974	14:25	14:24	1	1.013	75681	24606	98	245	251	1.55(1.33-1.79)	
PCB-9											
222.0003	16:12	16:11	1	1.138	145432	41535	124	310	335		
223.9974	16:12	16:11	1	1.138	92098	27155	98	245	277	1.58(1.33-1.79)	
PCB-7											
222.0003	16:22	16:21	2	1.150	125347	34416	124	310	278		
223.9974	16:22	16:21	2	1.150	83984	21478	98	245	219	1.49(1.33-1.79)	
PCB-6											
222.0003	16:37	16:36	1	1.167	160363	47212	124	310	381		
223.9974	16:37	16:36	1	1.167	100640	27822	98	245	284	1.59(1.33-1.79)	
PCB-5											
222.0003	16:55	16:55	1	1.189	126864	35099	124	310	283		
223.9974	16:56	16:55	2	1.190	80641	21573	98	245	220	1.57(1.33-1.79)	
PCB-8											
222.0003	17:03	17:02	1	1.198	157883	41824	124	310	337		
223.9974	17:03	17:02	1	1.198	97168	27931	98	245	285	1.62(1.33-1.79)	
PCB-14											
222.0003	18:39	18:39	1	0.927	135130	32313	124	310	261		
223.9974	18:39	18:39	1	0.927	83011	21456	98	245	219	1.63(1.33-1.79)	
PCB-11											
222.0003	19:32	19:30	1	0.970	151385	34387	124	310	277		
223.9974	19:32	19:30	1	0.970	102289	24645	98	245	251	1.48(1.33-1.79)	
PCB-12											
222.0003	19:50	19:48	1	0.985	286404	49121	124	310	396		
223.9974	19:50	19:48	1	0.985	174661	29349	98	245	299	1.64(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:50	19:48	1	0.985	286404	49121	124	310	396		
223.9974	19:50	19:48	1	0.985	174661	29349	98	245	299	1.64(1.33-1.79)	
PCB-15											
222.0003	20:09	20:08	1	1.001	153480	38260	124	310	309		
223.9974	20:09	20:08	1	1.001	102323	21780	98	245	222	1.50(1.33-1.79)	
PCB-19L											
268.0016	17:21	17:20	1	0.842	4498819	1201893	1209	3022	994		
269.9986	17:21	17:20	1	0.842	4247846	1164236	1949	4872	597	1.06(0.88-1.20)	
PCB-32L											
268.0016	20:35	20:35	1		7477853	1832330	1209	3022	1516		
269.9986	20:35	20:35	1		6946500	1708893	1949	4872	877	1.08(0.88-1.20)	
PCB-31L											
268.0016	22:52	22:50	2		16222620	3714447	1981	4952	1875		
269.9986	22:52	22:50	2		15336667	3500612	745	1862	4699	1.06(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-37L											
268.0016	27:10	27:10	1	1.189	14425654	2893131	1981	4952	1460		
269.9986	27:10	27:10	1	1.189	13465448	2704257	745	1862	3630	1.07(0.88-1.20)	
PCB-19											
255.9613	17:22	17:21	1	1.002	54308	14760	169	422	87		
257.9584	17:22	17:21	1	1.002	55615	16403	85	212	193	0.98(0.88-1.20)	
PCB-18											M
255.9613	19:09	19:08	2	1.105	167748	25852	169	422	153		M
257.9584	19:09	19:08	1	1.104	146104	21482	85	212	253	1.15(0.88-1.20)	
PCB-30 (C18)											M
255.9613	19:09	19:08	2	1.105	167748	25852	169	422	153		M
257.9584	19:09	19:08	1	1.104	146104	21482	85	212	253	1.15(0.88-1.20)	
PCB-17											
255.9613	19:38	19:37	1	1.132	51735	12763	169	422	76		
257.9584	19:38	19:37	1	1.132	46243	10994	85	212	129	1.12(0.88-1.20)	
PCB-27											
255.9613	19:51	19:51	1	1.145	71152	18301	169	422	108		
257.9584	19:50	19:51	0	1.144	67716	17103	85	212	201	1.05(0.88-1.20)	
PCB-24											
255.9613	19:58	19:58	1	1.152	72933	18677	169	422	111		
257.9584	19:58	19:58	1	1.152	74569	19448	85	212	229	0.98(0.88-1.20)	
PCB-16											
255.9613	20:07	20:06	1	1.160	53900	12070	169	422	71		
257.9584	20:06	20:06	1	1.159	49062	11469	85	212	135	1.10(0.88-1.20)	
PCB-32											
255.9613	20:36	20:36	1	1.188	85056	18662	169	422	110		
257.9584	20:37	20:36	1	1.189	77392	17895	85	212	211	1.10(0.88-1.20)	
PCB-34											
255.9613	21:52	21:51	1	1.261	132374	34248	507	1267	68		
257.9584	21:52	21:51	1	1.261	128190	31181	250	625	125	1.03(0.88-1.20)	
PCB-23											
255.9613	22:00	21:59	1	1.269	134082	32242	507	1267	64		
257.9584	22:00	21:59	1	1.269	131243	31471	250	625	126	1.02(0.88-1.20)	
PCB-26											
255.9613	22:19	22:18	1	1.287	283009	63612	507	1267	125		
257.9584	22:20	22:18	2	1.288	280590	62270	250	625	249	1.01(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:19	22:18	1	1.287	283009	63612	507	1267	125		
257.9584	22:20	22:18	2	1.288	280590	62270	250	625	249	1.01(0.88-1.20)	
PCB-25											
255.9613	22:34	22:32	2	0.830	172868	38603	507	1267	76		
257.9584	22:34	22:32	2	0.830	181068	37136	250	625	149	0.95(0.88-1.20)	
PCB-31											
255.9613	22:52	22:51	1	0.842	168463	37509	507	1267	74		
257.9584	22:53	22:51	2	0.842	167457	36638	250	625	147	1.01(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-20											
255.9613	23:11	23:10	1	0.853	300134	48762	507	1267	96		
257.9584	23:11	23:10	2	0.853	309395	49841	250	625	199	0.97(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:11	23:10	1	0.853	300134	48762	507	1267	96		
257.9584	23:11	23:10	2	0.853	309395	49841	250	625	199	0.97(0.88-1.20)	
PCB-21											M
255.9613	23:25	23:20	5	0.862	306696	35976	507	1267	71		M
257.9584	23:21	23:20	1	0.859	309520	35298	250	625	141	0.99(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:25	23:20	5	0.862	306696	35976	507	1267	71		M
257.9584	23:21	23:20	1	0.859	309520	35298	250	625	141	0.99(0.88-1.20)	M
PCB-22											
255.9613	23:49	23:48	1	0.877	157010	36524	507	1267	72		
257.9584	23:49	23:48	1	0.877	159438	33454	250	625	134	0.98(0.88-1.20)	
PCB-36											
255.9613	25:21	25:21	1	0.933	182621	35750	507	1267	71		
257.9584	25:21	25:21	1	0.933	167072	33095	250	625	132	1.09(0.88-1.20)	
PCB-39											
255.9613	25:44	25:43	1	0.947	158883	32107	507	1267	63		
257.9584	25:44	25:43	1	0.947	154613	30712	250	625	123	1.03(0.88-1.20)	
PCB-38											
255.9613	26:18	26:17	2	0.968	156916	34043	507	1267	67		
257.9584	26:18	26:17	2	0.968	169734	34092	250	625	136	0.92(0.88-1.20)	
PCB-35											
255.9613	26:47	26:46	1	0.986	156342	30918	507	1267	61		
257.9584	26:48	26:46	2	0.986	155525	28545	250	625	114	1.01(0.88-1.20)	
PCB-37											
255.9613	27:12	27:11	1	1.001	157291	30127	507	1267	59		
257.9584	27:12	27:11	1	1.001	149000	32082	250	625	128	1.06(0.88-1.20)	
PCB-54L											
301.9626	20:26	20:25	1	0.818	4203202	1048798	212	530	4947		
303.9597	20:26	20:25	1	0.818	5288480	1332620	104	260	12814	0.79(0.65-0.89)	
PCB-52L											
301.9626	24:59	24:58	1		7394651	1690435	1015	2537	1665		
303.9597	24:59	24:58	1		9245973	2089437	915	2287	2284	0.80(0.65-0.89)	
PCB-81L											
301.9626	33:56	33:55	1	1.358	9842792	1904769	1015	2537	1877		
303.9597	33:56	33:55	1	1.358	12159566	2359223	915	2287	2578	0.81(0.65-0.89)	
PCB-77L											
301.9626	34:31	34:29	1	1.381	10349858	1905045	1015	2537	1877		
303.9597	34:31	34:29	1	1.381	13014222	2380673	915	2287	2602	0.80(0.65-0.89)	
PCB-54											
289.9224	20:28	20:27	1	1.000	49016	12983	20	50	649		
291.9194	20:27	20:27	0	0.999	66696	15796	49	122	322	0.73(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-50											
289.9224	22:37	22:36	1	1.107	156928	35570	244	610	146		
291.9194	22:37	22:36	1	1.107	192910	46057	465	1162	99	0.81(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:37	22:36	1	1.107	156928	35570	244	610	146		
291.9194	22:37	22:36	1	1.107	192910	46057	465	1162	99	0.81(0.65-0.89)	
PCB-45											M
289.9224	23:18	23:20	-2	1.140	135591	17805	244	610	73		
291.9194	23:21	23:20	1	1.143	167191	21157	465	1162	45	0.81(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:18	23:20	-2	1.140	135591	17805	244	610	73		
291.9194	23:21	23:20	1	1.143	167191	21157	465	1162	45	0.81(0.65-0.89)	M
PCB-46											
289.9224	23:37	23:36	1	1.156	57269	13781	244	610	56		
291.9194	23:37	23:36	1	1.156	73328	15883	465	1162	34	0.78(0.65-0.89)	
PCB-52											
289.9224	25:01	25:00	1	1.224	82483	19682	244	610	81		
291.9194	25:01	25:00	1	1.224	105091	24332	465	1162	52	0.78(0.65-0.89)	
PCB-43											M
289.9224	25:08	25:08	1	1.230	180274	26179	244	610	107		M
291.9194	25:09	25:08	2	1.231	205628	28975	465	1162	62	0.88(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:08	25:08	1	1.230	180274	26179	244	610	107		M
291.9194	25:09	25:08	2	1.231	205628	28975	465	1162	62	0.88(0.65-0.89)	M
PCB-49											
289.9224	25:25	25:24	1	1.244	178615	25208	244	610	103		
291.9194	25:25	25:24	1	1.244	205133	27813	465	1162	60	0.87(0.65-0.89)	
PCB-69 (C49)											
289.9224	25:25	25:24	1	1.244	178615	25208	244	610	103		
291.9194	25:25	25:24	1	1.244	205133	27813	465	1162	60	0.87(0.65-0.89)	
PCB-48											
289.9224	25:47	25:45	2	1.262	72232	16550	244	610	68		
291.9194	25:46	25:45	1	1.261	96950	20962	465	1162	45	0.75(0.65-0.89)	
PCB-44											
289.9224	26:01	26:00	2	1.274	248568	45754	244	610	188		
291.9194	26:01	26:00	2	1.274	302093	57151	465	1162	123	0.82(0.65-0.89)	
PCB-47 (C44)											
289.9224	26:01	26:00	2	1.274	248568	45754	244	610	188		
291.9194	26:01	26:00	2	1.274	302093	57151	465	1162	123	0.82(0.65-0.89)	
PCB-65 (C44)											
289.9224	26:01	26:00	2	1.274	248568	45754	244	610	188		
291.9194	26:01	26:00	2	1.274	302093	57151	465	1162	123	0.82(0.65-0.89)	
PCB-59											
289.9224	26:20	26:19	1	1.289	299329	43911	244	610	180		
291.9194	26:20	26:19	1	1.289	360043	54679	465	1162	118	0.83(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-62 (C59)											
289.9224	26:20	26:19	1	1.289	299329	43911	244	610	180		
291.9194	26:20	26:19	1	1.289	360043	54679	465	1162	118	0.83(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:20	26:19	1	1.289	299329	43911	244	610	180		
291.9194	26:20	26:19	1	1.289	360043	54679	465	1162	118	0.83(0.65-0.89)	
PCB-42											RQM
289.9224	26:32	26:31	1	1.299	71337	15483	244	610	63		M
	Empc Correction				61181	14111	244	610	58		
291.9194	26:33	26:31	1	1.299	79457	18327	465	1162	39	0.90(0.65-0.89)	
PCB-40											M
289.9224	27:03	27:01	2	1.324	223045	35393	244	610	145		M
291.9194	27:03	27:01	2	1.324	282042	45559	465	1162	98	0.79(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	27:03	27:01	2	1.324	223045	35393	244	610	145		M
291.9194	27:03	27:01	2	1.324	282042	45559	465	1162	98	0.79(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	27:03	27:01	2	1.324	223045	35393	244	610	145		M
291.9194	27:03	27:01	2	1.324	282042	45559	465	1162	98	0.79(0.65-0.89)	M
PCB-64											
289.9224	27:15	27:14	1	1.334	95901	21634	244	610	89		
291.9194	27:15	27:14	1	1.334	123087	26713	465	1162	57	0.78(0.65-0.89)	
PCB-72											
289.9224	28:04	28:03	1	0.827	110220	23300	244	610	95		
291.9194	28:04	28:03	1	0.827	143311	30149	465	1162	65	0.77(0.65-0.89)	
PCB-68											
289.9224	28:21	28:20	1	0.835	112983	24832	244	610	102		
291.9194	28:21	28:20	1	0.835	139812	24922	465	1162	54	0.81(0.65-0.89)	
PCB-57											
289.9224	28:46	28:46	1	0.848	112963	24467	244	610	100		
291.9194	28:46	28:46	1	0.848	129206	29170	465	1162	63	0.87(0.65-0.89)	
PCB-58											RQ
289.9224	29:02	29:00	1	0.855	133287	25297	244	610	104		
	Empc Correction				114586	25968	244	610	106		
291.9194	29:02	29:00	1	0.855	148814	33725	465	1162	73	0.90(0.65-0.89)	
PCB-67											RQ
289.9224	29:11	29:10	1	0.860	134145	25440	244	610	104		
	Empc Correction				112204	24287	244	610	100		
291.9194	29:11	29:10	1	0.860	145720	31542	465	1162	68	0.92(0.65-0.89)	
PCB-63											
289.9224	29:27	29:26	1	0.868	108026	21285	244	610	87		
291.9194	29:27	29:26	1	0.868	128560	24078	465	1162	52	0.84(0.65-0.89)	
PCB-61											M
289.9224	29:48	29:47	1	0.878	456700	51245	244	610	210		M
291.9194	29:48	29:47	1	0.878	559856	62185	465	1162	134	0.82(0.65-0.89)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-70 (C61)											M
289.9224	29:48	29:47	1	0.878	456700	51245	244	610	210		M
291.9194	29:48	29:47	1	0.878	559856	62185	465	1162	134	0.82(0.65-0.89)	M
PCB-74 (C61)											M
289.9224	29:48	29:47	1	0.878	456700	51245	244	610	210		M
291.9194	29:48	29:47	1	0.878	559856	62185	465	1162	134	0.82(0.65-0.89)	M
PCB-76 (C61)											M
289.9224	29:48	29:47	1	0.878	456700	51245	244	610	210		M
291.9194	29:48	29:47	1	0.878	559856	62185	465	1162	134	0.82(0.65-0.89)	M
PCB-66											
289.9224	30:08	30:06	1	0.888	121529	22873	244	610	94		
291.9194	30:07	30:06	1	0.888	143866	28560	465	1162	61	0.84(0.65-0.89)	
PCB-55											
289.9224	30:18	30:16	1	0.893	127987	25488	244	610	104		
291.9194	30:18	30:16	1	0.893	149865	31554	465	1162	68	0.85(0.65-0.89)	
PCB-56											
289.9224	30:49	30:48	1	0.908	111778	22986	244	610	94		
291.9194	30:49	30:48	1	0.908	146208	30616	465	1162	66	0.76(0.65-0.89)	
PCB-60											
289.9224	31:01	31:00	1	0.914	115702	19579	244	610	80		
291.9194	31:01	31:00	1	0.914	130093	26649	465	1162	57	0.89(0.65-0.89)	
PCB-80											
289.9224	31:24	31:22	1	0.925	128202	25712	244	610	105		
291.9194	31:24	31:22	1	0.925	166424	33629	465	1162	72	0.77(0.65-0.89)	
PCB-79											
289.9224	32:57	32:55	1	0.971	142816	25081	244	610	103		
291.9194	32:57	32:55	1	0.971	185328	34243	465	1162	74	0.77(0.65-0.89)	
PCB-78											
289.9224	33:31	33:29	1	0.988	111074	21110	244	610	87		
291.9194	33:30	33:29	1	0.987	156722	29975	465	1162	64	0.71(0.65-0.89)	
PCB-81											
289.9224	33:57	33:56	1	1.000	93554	16564	244	610	68		
291.9194	33:57	33:56	1	1.000	140837	26336	465	1162	57	0.66(0.65-0.89)	
PCB-77											
289.9224	34:31	34:31	1	1.000	108826	19601	244	610	80		
291.9194	34:31	34:31	1	1.000	138303	23646	465	1162	51	0.79(0.65-0.89)	
PCB-104L											
337.9207	25:55	25:54	1	0.814	8877297	1969016	102	255	19304		
339.9178	25:55	25:54	1	0.814	5634801	1252769	140	350	8948	1.58(1.32-1.78)	
PCB-101L											
337.9207	31:49	31:49	1		7420467	1541169	102	255	15110		
339.9178	31:49	31:49	1		4690491	976963	140	350	6978	1.58(1.32-1.78)	
PCB-123L											
337.9207	36:29	36:28	1	1.147	12144405	2399305	4986	12465	481		
339.9178	36:29	36:28	1	1.147	7622521	1521154	3750	9375	406	1.59(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-118L											
337.9207	36:49	36:47	1	1.157	12612104	2482264	4986	12465	498		
339.9178	36:49	36:47	1	1.157	7913495	1567489	3750	9375	418	1.59(1.32-1.78)	
PCB-114L											
337.9207	37:20	37:20	1	1.173	12690078	2540901	4986	12465	510		
339.9178	37:20	37:20	1	1.173	7945171	1587716	3750	9375	423	1.60(1.32-1.78)	
PCB-105L											
337.9207	38:01	38:00	1	1.195	12578724	2445723	4986	12465	491		
339.9178	38:01	38:00	1	1.195	7873350	1511269	3750	9375	403	1.60(1.32-1.78)	
PCB-127L											
337.9207	39:27	39:27	1		13339668	2601885	4986	12465	522		
339.9178	39:27	39:27	1		8418876	1651801	3750	9375	440	1.58(1.32-1.78)	
PCB-126L											
337.9207	41:06	41:06	1	1.292	12169790	2339883	4986	12465	469		
339.9178	41:06	41:06	1	1.292	7723115	1469350	3750	9375	392	1.58(1.32-1.78)	
PCB-104											
325.8804	25:57	25:56	1	1.001	86239	20335	105	262	194		
327.8775	25:57	25:56	2	1.001	49472	10907	107	267	102	1.74(1.32-1.78)	
PCB-96											
325.8804	26:20	26:20	1	1.016	90706	21630	105	262	206		
327.8775	26:20	26:20	1	1.016	60182	12491	107	267	117	1.51(1.32-1.78)	
PCB-103											
325.8804	28:14	28:13	1	1.089	73981	17348	105	262	165		
327.8775	28:14	28:13	1	1.089	46021	9930	107	267	93	1.61(1.32-1.78)	
PCB-94											
325.8804	28:29	28:28	1	1.099	60391	12750	105	262	121		
327.8775	28:29	28:28	1	1.099	43030	8578	107	267	80	1.40(1.32-1.78)	
PCB-95											
325.8804	28:56	28:55	1	1.117	66637	14067	105	262	134		
327.8775	28:56	28:55	1	1.116	43538	10073	107	267	94	1.53(1.32-1.78)	
PCB-93											
325.8804	29:08	29:07	1	1.124	131881	22880	105	262	218		
327.8775	29:08	29:07	1	1.124	84102	14706	107	267	137	1.57(1.32-1.78)	
PCB-100 (C93)											
325.8804	29:08	29:07	1	1.124	131881	22880	105	262	218		
327.8775	29:08	29:07	1	1.124	84102	14706	107	267	137	1.57(1.32-1.78)	
PCB-98											M
325.8804	29:19	29:16	2	1.131	160728	19419	105	262	185		
327.8775	29:17	29:16	1	1.130	102452	12145	107	267	114	1.57(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:19	29:16	2	1.131	160728	19419	105	262	185		
327.8775	29:17	29:16	1	1.130	102452	12145	107	267	114	1.57(1.32-1.78)	M
PCB-88											M
325.8804	29:47	29:46	1	1.149	139243	15833	105	262	151		M
327.8775	29:48	29:46	1	1.150	87528	10357	107	267	97	1.59(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-91 (C88)											M
325.8804	29:47	29:46	1	1.149	139243	15833	105	262	151		M
327.8775	29:48	29:46	1	1.150	87528	10357	107	267	97	1.59(1.32-1.78)	M
PCB-84											
325.8804	30:02	30:01	1	1.159	58396	11438	105	262	109		
327.8775	30:03	30:01	1	1.159	41232	9016	107	267	84	1.42(1.32-1.78)	
PCB-89											
325.8804	30:30	30:29	1	1.177	73842	14805	105	262	141		
327.8775	30:30	30:29	1	1.177	47215	10342	107	267	97	1.56(1.32-1.78)	
PCB-121											
325.8804	30:52	30:51	1	1.191	112628	24586	105	262	234		
327.8775	30:52	30:51	1	1.191	71048	13428	107	267	125	1.59(1.32-1.78)	
PCB-92											
325.8804	31:16	31:16	1	0.857	68559	14780	105	262	141		
327.8775	31:16	31:16	1	0.857	47151	9813	107	267	92	1.45(1.32-1.78)	
PCB-90											
325.8804	31:49	31:49	1	1.228	249753	35937	105	262	342		
327.8775	31:50	31:49	1	1.228	155155	22109	107	267	207	1.61(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:49	31:49	1	1.228	249753	35937	105	262	342		
327.8775	31:50	31:49	1	1.228	155155	22109	107	267	207	1.61(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:49	31:49	1	1.228	249753	35937	105	262	342		
327.8775	31:50	31:49	1	1.228	155155	22109	107	267	207	1.61(1.32-1.78)	
PCB-83											M
325.8804	32:25	32:25	1	1.251	160306	20429	105	262	195		M
327.8775	32:25	32:25	1	1.251	94714	11230	107	267	105	1.69(1.32-1.78)	M
PCB-99 (C83)											M
325.8804	32:25	32:25	1	1.251	160306	20429	105	262	195		M
327.8775	32:25	32:25	1	1.251	94714	11230	107	267	105	1.69(1.32-1.78)	M
PCB-112											
325.8804	32:32	32:32	1	1.256	124065	25863	105	262	246		
327.8775	32:33	32:32	1	1.256	78873	15234	107	267	142	1.57(1.32-1.78)	
PCB-86											M
325.8804	32:55	32:54	1	1.270	507353	52340	105	262	498		M
327.8775	32:56	32:54	2	1.271	345027	36049	107	267	337	1.47(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:55	32:54	1	1.270	507353	52340	105	262	498		M
327.8775	32:56	32:54	2	1.271	345027	36049	107	267	337	1.47(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:55	32:54	1	1.270	507353	52340	105	262	498		M
327.8775	32:56	32:54	2	1.271	345027	36049	107	267	337	1.47(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:55	32:54	1	1.270	507353	52340	105	262	498		M
327.8775	32:56	32:54	2	1.271	345027	36049	107	267	337	1.47(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-119 (C86)											M
325.8804	32:55	32:54	1	1.270	507353	52340	105	262	498		M
327.8775	32:56	32:54	2	1.271	345027	36049	107	267	337	1.47(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:55	32:54	1	1.270	507353	52340	105	262	498		M
327.8775	32:56	32:54	2	1.271	345027	36049	107	267	337	1.47(1.32-1.78)	M
PCB-85											M
325.8804	33:39	33:38	1	1.299	261601	29392	105	262	280		M
327.8775	33:38	33:38	0	1.298	164137	17230	107	267	161	1.59(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:39	33:38	1	1.299	261601	29392	105	262	280		M
327.8775	33:38	33:38	0	1.298	164137	17230	107	267	161	1.59(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:39	33:38	1	1.299	261601	29392	105	262	280		M
327.8775	33:38	33:38	0	1.298	164137	17230	107	267	161	1.59(1.32-1.78)	M
PCB-110											
325.8804	33:52	33:52	1	1.307	238803	37156	105	262	354		
327.8775	33:53	33:52	1	1.307	140866	20476	107	267	191	1.70(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:52	33:52	1	1.307	238803	37156	105	262	354		
327.8775	33:53	33:52	1	1.307	140866	20476	107	267	191	1.70(1.32-1.78)	
PCB-82											
325.8804	34:11	34:10	1	1.319	79229	15327	105	262	146		
327.8775	34:10	34:10	0	1.318	49467	9535	107	267	89	1.60(1.32-1.78)	
PCB-111											
325.8804	34:31	34:31	1	1.332	109131	22830	105	262	217		
327.8775	34:32	34:31	1	1.333	63705	12470	107	267	117	1.71(1.32-1.78)	
PCB-120											
325.8804	34:59	34:58	1	1.350	128678	25143	105	262	239		
327.8775	34:58	34:58	0	1.349	81905	15456	107	267	144	1.57(1.32-1.78)	
PCB-108											
325.8804	36:09	36:08	1	1.395	256310	48600	319	797	152		
327.8775	36:09	36:08	1	1.395	154915	31419	249	622	126	1.65(1.32-1.78)	
PCB-124 (C108)											
325.8804	36:09	36:08	1	1.395	256310	48600	319	797	152		
327.8775	36:09	36:08	1	1.395	154915	31419	249	622	126	1.65(1.32-1.78)	
PCB-107											
325.8804	36:24	36:22	1	1.404	131970	26208	319	797	82		
327.8775	36:24	36:22	1	1.404	90850	18290	249	622	73	1.45(1.32-1.78)	
PCB-123											
325.8804	36:31	36:29	1	1.001	121921	27281	319	797	86		
327.8775	36:30	36:29	1	1.000	77006	15304	249	622	61	1.58(1.32-1.78)	
PCB-106											M
325.8804	36:37	36:36	1	1.004	146254	28245	319	797	89		M
327.8775	36:37	36:36	1	1.004	82261	16340	249	622	66	1.78(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-118											M
325.8804	36:50	36:49	1	1.001	126789	23035	319	797	72		M
327.8775	36:50	36:49	1	1.000	82138	15498	249	622	62	1.54(1.32-1.78)	
PCB-122											
325.8804	37:11	37:11	0	1.010	110073	19588	319	797	61		
327.8775	37:12	37:11	1	1.010	71362	15242	249	622	61	1.54(1.32-1.78)	
PCB-114											
325.8804	37:22	37:21	1	1.001	132169	23769	319	797	75		
327.8775	37:22	37:21	1	1.001	83893	14933	249	622	60	1.58(1.32-1.78)	
PCB-105											M
325.8804	38:02	38:02	1	1.001	131656	26117	319	797	82		M
327.8775	38:02	38:02	1	1.001	82987	15934	249	622	64	1.59(1.32-1.78)	
PCB-127											M
325.8804	39:29	39:28	1	1.039	134491	26345	319	797	83		M
327.8775	39:29	39:28	1	1.039	91014	16427	249	622	66	1.48(1.32-1.78)	
PCB-126											
325.8804	41:07	41:06	1	1.000	146174	26311	319	797	82		
327.8775	41:08	41:06	1	1.001	101858	18054	249	622	73	1.44(1.32-1.78)	
PCB-155L											
371.8817	31:34	31:32	1	0.790	7903166	1627856	95	237	17135		
373.8788	31:34	31:32	1	0.790	6137840	1266729	119	297	10645	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:56	39:55	1		8430440	1652602	3200	8000	516		
373.8788	39:56	39:55	1		6632794	1292689	2935	7337	440	1.27(1.05-1.43)	
PCB-167L											
371.8817	42:56	42:55	1	1.075	10733758	2082836	3200	8000	651		
373.8788	42:56	42:55	1	1.075	8468163	1639512	2935	7337	559	1.27(1.05-1.43)	
PCB-156L											
371.8817	44:07	44:06	1	1.105	21224853	2540459	3200	8000	794		
373.8788	44:07	44:06	1	1.105	16558669	1999433	2935	7337	681	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	44:07	44:06	1	1.105	21224853	2540459	3200	8000	794		
373.8788	44:07	44:06	1	1.105	16558669	1999433	2935	7337	681	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:21	47:21	1	1.186	11059367	2076254	3200	8000	649		
373.8788	47:21	47:21	1	1.186	8566236	1591325	2935	7337	542	1.29(1.05-1.43)	
PCB-155											
359.8415	31:35	31:34	1	1.001	72608	15297	69	172	222		
361.8385	31:36	31:34	2	1.001	54437	10660	64	160	167	1.33(1.05-1.43)	
PCB-152											
359.8415	31:50	31:49	1	1.009	81658	18988	69	172	275		
361.8385	31:50	31:49	1	1.009	63947	14432	64	160	226	1.28(1.05-1.43)	
PCB-150											
359.8415	31:59	31:58	1	1.013	77426	17580	69	172	255		
361.8385	31:59	31:58	1	1.013	60367	11441	64	160	179	1.28(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-136											RQ
359.8415	32:22	32:22	1	1.026	75856	16059	69	172	233		
	Empc Correction				63072	11057	69	172	160		
361.8385	32:22	32:22	0	1.025	50865	8917	64	160	139	1.49(1.05-1.43)	
PCB-145											
359.8415	32:38	32:38	1	1.034	79229	16068	69	172	233		
361.8385	32:39	32:38	1	1.035	61896	13345	64	160	209	1.28(1.05-1.43)	
PCB-148											
359.8415	34:08	34:08	1	1.082	56334	11628	69	172	169		
361.8385	34:08	34:08	1	1.082	40121	10027	64	160	157	1.40(1.05-1.43)	
PCB-135											M
359.8415	34:49	34:48	1	1.103	115105	13141	69	172	190		M
361.8385	34:49	34:48	1	1.103	86672	9983	64	160	156	1.33(1.05-1.43)	M
PCB-151 (C135)											M
359.8415	34:49	34:48	1	1.103	115105	13141	69	172	190		M
361.8385	34:49	34:48	1	1.103	86672	9983	64	160	156	1.33(1.05-1.43)	M
PCB-154											
359.8415	35:00	34:58	1	1.109	60552	12077	69	172	175		
361.8385	34:59	34:58	1	1.108	49489	9280	64	160	145	1.22(1.05-1.43)	
PCB-144											RQ
359.8415	35:18	35:18	1	1.118	63988	13983	69	172	203		
	Empc Correction				52177	10579	69	172	153		
361.8385	35:18	35:18	1	1.118	42079	8532	64	160	133	1.52(1.05-1.43)	
PCB-147											
359.8415	35:41	35:40	1	1.130	178379	36350	217	542	168		
361.8385	35:41	35:40	1	1.130	140389	27355	229	572	119	1.27(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:41	35:40	1	1.130	178379	36350	217	542	168		
361.8385	35:41	35:40	1	1.130	140389	27355	229	572	119	1.27(1.05-1.43)	
PCB-134											M
359.8415	35:54	35:58	-5	1.137	142200	14932	217	542	69		M
361.8385	36:00	35:58	1	1.140	114920	13405	229	572	59	1.24(1.05-1.43)	M
PCB-143 (C134)											M
359.8415	35:54	35:58	-5	1.137	142200	14932	217	542	69		M
361.8385	36:00	35:58	1	1.140	114920	13405	229	572	59	1.24(1.05-1.43)	M
PCB-139											
359.8415	36:16	36:15	1	1.149	168253	31472	217	542	145		
361.8385	36:16	36:15	1	1.149	129827	23600	229	572	103	1.30(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:16	36:15	1	1.149	168253	31472	217	542	145		
361.8385	36:16	36:15	1	1.149	129827	23600	229	572	103	1.30(1.05-1.43)	
PCB-131											
359.8415	36:29	36:28	1	1.156	66718	14129	217	542	65		
361.8385	36:30	36:28	1	1.156	61825	11990	229	572	52	1.08(1.05-1.43)	
PCB-142											
359.8415	36:39	36:37	1	1.161	66623	13919	217	542	64		
361.8385	36:39	36:37	1	1.161	54315	10192	229	572	45	1.23(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-132											
359.8415	36:58	36:58	1	1.171	74685	13808	217	542	64		
361.8385	36:58	36:58	1	1.171	56831	11251	229	572	49	1.31(1.05-1.43)	
PCB-133											
359.8415	37:26	37:25	1	1.186	75535	13902	217	542	64		
361.8385	37:26	37:25	1	1.186	65965	12325	229	572	54	1.15(1.05-1.43)	
PCB-165											
359.8415	37:50	37:49	1	0.881	95027	16836	217	542	78		
361.8385	37:50	37:49	1	0.881	81973	15357	229	572	67	1.16(1.05-1.43)	
PCB-146											
359.8415	38:04	38:04	0	0.887	93691	17512	217	542	81		
361.8385	38:05	38:04	1	0.887	70998	14325	229	572	63	1.32(1.05-1.43)	
PCB-161											
359.8415	38:12	38:12	1	0.890	116753	21963	217	542	101		
361.8385	38:12	38:12	1	0.890	84173	15828	229	572	69	1.39(1.05-1.43)	
PCB-153											
359.8415	38:42	38:42	1	0.902	210854	33348	217	542	154		
361.8385	38:42	38:42	1	0.902	177177	28120	229	572	123	1.19(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:42	38:42	1	0.902	210854	33348	217	542	154		
361.8385	38:42	38:42	1	0.902	177177	28120	229	572	123	1.19(1.05-1.43)	
PCB-141											
359.8415	38:54	38:54	1	0.906	79994	16859	217	542	78		
361.8385	38:54	38:54	1	0.906	58989	10971	229	572	48	1.36(1.05-1.43)	
PCB-130											
359.8415	39:20	39:18	1	0.916	66685	13890	217	542	64		
361.8385	39:20	39:18	1	0.916	57468	10956	229	572	48	1.16(1.05-1.43)	
PCB-137											RQ
359.8415	39:31	39:31	1	0.921	78003	15821	217	542	73		
	Empc Correction				66580	12283	217	542	57		
361.8385	39:32	39:31	1	0.921	53694	9906	229	572	43	1.45(1.05-1.43)	
PCB-164											
359.8415	39:40	39:39	1	0.924	116352	22619	217	542	104		
361.8385	39:39	39:39	1	0.924	93377	18878	229	572	82	1.25(1.05-1.43)	
PCB-129											M
359.8415	39:58	39:57	1	0.931	372290	40915	217	542	189		M
361.8385	39:57	39:57	1	0.931	269556	31105	229	572	136	1.38(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:58	39:57	1	0.931	372290	40915	217	542	189		M
361.8385	39:57	39:57	1	0.931	269556	31105	229	572	136	1.38(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:58	39:57	1	0.931	372290	40915	217	542	189		M
361.8385	39:57	39:57	1	0.931	269556	31105	229	572	136	1.38(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:58	39:57	1	0.931	372290	40915	217	542	189		M
361.8385	39:57	39:57	1	0.931	269556	31105	229	572	136	1.38(1.05-1.43)	M

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-158											
359.8415	40:20	40:20	1	0.940	114358	22596	217	542	104		
361.8385	40:20	40:20	1	0.940	91978	16766	229	572	73	1.24(1.05-1.43)	
PCB-128											
359.8415	41:11	41:10	1	0.959	196469	25593	217	542	118		
361.8385	41:11	41:10	1	0.959	148735	19700	229	572	86	1.32(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:11	41:10	1	0.959	196469	25593	217	542	118		
361.8385	41:11	41:10	1	0.959	148735	19700	229	572	86	1.32(1.05-1.43)	
PCB-159											
359.8415	42:12	42:10	1	0.983	130662	26839	217	542	124		
361.8385	42:11	42:10	1	0.983	104330	20295	229	572	89	1.25(1.05-1.43)	
PCB-162											M
359.8415	42:29	42:28	1	0.990	107797	22355	217	542	103		M
361.8385	42:29	42:28	1	0.990	90520	17276	229	572	75	1.19(1.05-1.43)	M
PCB-167											
359.8415	42:58	42:57	1	1.001	115250	22094	217	542	102		
361.8385	42:58	42:57	1	1.001	95854	19120	229	572	83	1.20(1.05-1.43)	
PCB-156											
359.8415	44:09	44:07	2	1.001	219598	26246	217	542	121		
361.8385	44:07	44:07	0	1.000	175719	21049	229	572	92	1.25(1.05-1.43)	
PCB-157 (C156)											
359.8415	44:09	44:07	2	1.001	219598	26246	217	542	121		
361.8385	44:07	44:07	0	1.000	175719	21049	229	572	92	1.25(1.05-1.43)	
PCB-169											
359.8415	47:23	47:21	1	1.001	131418	22813	217	542	105		
361.8385	47:23	47:21	1	1.001	105732	17985	229	572	79	1.24(1.05-1.43)	
PCB-188L											
405.8428	37:18	37:17	1	0.820	7825620	1579642	220	550	7180		
407.8398	37:18	37:17	1	0.820	7376071	1486180	68	170	21856	1.06(0.89-1.21)	
PCB-180L											
405.8428	45:29	45:28	1		6201551	1190406	220	550	5411		
407.8398	45:29	45:28	1		5786195	1132061	68	170	16648	1.07(0.89-1.21)	
PCB-170L											
405.8428	46:46	46:45	1	1.028	5372680	1044973	220	550	4750		
407.8398	46:46	46:45	1	1.028	5092300	988177	68	170	14532	1.06(0.89-1.21)	
PCB-189L											
405.8428	49:52	49:51	1	1.096	12133660	2285317	1036	2590	2206		
407.8398	49:52	49:51	1	1.096	11337037	2133736	873	2182	2444	1.07(0.89-1.21)	
PCB-188											
393.8025	37:20	37:19	1	1.001	79355	16784	41	102	409		
395.7995	37:20	37:19	1	1.001	70399	15055	1	2	15055	1.13(0.89-1.21)	
PCB-179											
393.8025	37:42	37:41	1	1.011	92892	17992	41	102	439		
395.7995	37:42	37:41	1	1.011	86839	18451	1	2	18451	1.07(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-184											
393.8025	38:11	38:10	1	1.024	80896	18182	41	102	443		
395.7995	38:12	38:10	1	1.024	78479	16744	1	2	16744	1.03(0.89-1.21)	
PCB-176											
393.8025	38:35	38:34	1	1.034	75484	15685	41	102	383		
395.7995	38:35	38:34	1	1.034	74357	15133	1	2	15133	1.02(0.89-1.21)	
PCB-186											
393.8025	39:02	39:01	1	1.047	93538	20089	41	102	490		
395.7995	39:01	39:01	1	1.046	81058	16277	1	2	16277	1.15(0.89-1.21)	
PCB-178											
393.8025	40:24	40:23	1	1.083	53254	11421	41	102	279		
395.7995	40:24	40:23	1	1.083	48406	8626	1	2	8626	1.10(0.89-1.21)	
PCB-175											
393.8025	41:01	41:01	1	1.100	60764	11892	41	102	290		
395.7995	41:01	41:01	0	1.099	54094	10022	1	2	10022	1.12(0.89-1.21)	
PCB-187											
393.8025	41:18	41:17	1	1.107	73592	15536	41	102	379		
395.7995	41:17	41:17	0	1.107	69256	12834	1	2	12834	1.06(0.89-1.21)	
PCB-182											
393.8025	41:30	41:29	1	1.113	65645	13620	41	102	332		
395.7995	41:30	41:29	1	1.113	67354	13738	1	2	13738	0.97(0.89-1.21)	
PCB-183											M
393.8025	41:54	41:54	1	1.123	128797	14266	41	102	348		M
395.7995	41:55	41:54	1	1.124	125842	13937	1	2	13937	1.02(0.89-1.21)	M
PCB-185 (C183)											M
393.8025	41:54	41:54	1	1.123	128797	14266	41	102	348		M
395.7995	41:55	41:54	1	1.124	125842	13937	1	2	13937	1.02(0.89-1.21)	M
PCB-174											
393.8025	42:10	42:09	1	1.131	64497	12910	41	102	315		
395.7995	42:11	42:09	1	1.131	62576	11790	1	2	11790	1.03(0.89-1.21)	
PCB-177											
393.8025	42:37	42:36	1	1.143	59402	10702	41	102	261		
395.7995	42:36	42:36	1	1.142	60311	12349	1	2	12349	0.98(0.89-1.21)	
PCB-181											
393.8025	43:00	42:58	1	1.153	73124	14351	41	102	350		
395.7995	43:00	42:58	1	1.153	65839	13822	1	2	13822	1.11(0.89-1.21)	
PCB-171											
393.8025	43:13	43:13	1	1.159	108369	20339	41	102	496		
395.7995	43:13	43:13	1	1.159	108308	18440	1	2	18440	1.00(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:13	43:13	1	1.159	108369	20339	41	102	496		
395.7995	43:13	43:13	1	1.159	108308	18440	1	2	18440	1.00(0.89-1.21)	
PCB-172											
393.8025	44:51	44:51	1	0.899	62055	12478	41	102	304		
395.7995	44:51	44:51	1	0.899	56842	10612	1	2	10612	1.09(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-192											
393.8025	45:07	45:06	1	0.905	92475	17358	41	102	423		
395.7995	45:07	45:06	1	0.905	81749	15487	1	2	15487	1.13(0.89-1.21)	
PCB-180											
393.8025	45:29	45:28	1	0.912	144968	19005	41	102	464		
395.7995	45:30	45:28	2	0.912	140102	21491	1	2	21491	1.03(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:29	45:28	1	0.912	144968	19005	41	102	464		
395.7995	45:30	45:28	2	0.912	140102	21491	1	2	21491	1.03(0.89-1.21)	
PCB-191											
393.8025	45:52	45:51	1	0.920	74845	16620	41	102	405		
395.7995	45:51	45:51	1	0.920	74494	13800	1	2	13800	1.00(0.89-1.21)	
PCB-170											
393.8025	46:48	46:46	2	0.939	55092	10509	41	102	256		
395.7995	46:47	46:46	1	0.938	56258	11891	1	2	11891	0.98(0.89-1.21)	
PCB-190											M
393.8025	47:17	47:17	1	0.948	88353	15698	41	102	383		M
395.7995	47:18	47:17	1	0.949	78422	16676	1	2	16676	1.13(0.89-1.21)	
PCB-189											
393.8025	49:53	49:53	1	1.001	115779	22826	220	550	104		
395.7995	49:53	49:53	1	1.001	113293	22264	108	270	206	1.02(0.89-1.21)	
PCB-202L											
439.8038	42:41	42:40	1	0.821	6007969	1183620	62	155	19091		
441.8008	42:41	42:40	1	0.821	6542939	1295067	95	237	13632	0.92(0.76-1.02)	
PCB-194L											
439.8038	51:58	51:57	1		7678983	1461208	277	692	5275		
441.8008	51:58	51:57	1		8470979	1608933	338	845	4760	0.91(0.76-1.02)	
PCB-205L											
439.8038	52:26	52:25	1	1.009	9189516	1744479	277	692	6298		
441.8008	52:26	52:25	1	1.009	10086375	1905360	338	845	5637	0.91(0.76-1.02)	
PCB-202											
427.7635	42:42	42:42	1	1.001	60396	13412	57	142	235		
429.7606	42:42	42:42	1	1.001	68236	13340	63	157	212	0.89(0.76-1.02)	
PCB-201											
427.7635	43:38	43:37	1	1.022	58194	12875	57	142	226		
429.7606	43:38	43:37	1	1.022	61586	11506	63	157	183	0.94(0.76-1.02)	
PCB-204											
427.7635	44:17	44:17	1	1.038	66676	12860	57	142	226		
429.7606	44:18	44:17	1	1.038	72065	14207	63	157	226	0.93(0.76-1.02)	
PCB-197											
427.7635	44:32	44:31	1	1.043	61323	12279	57	142	215		
429.7606	44:31	44:31	1	1.043	64411	12864	63	157	204	0.95(0.76-1.02)	
PCB-200											
427.7635	44:39	44:39	1	1.046	50171	10730	57	142	188		
429.7606	44:39	44:39	1	1.046	64708	12065	63	157	192	0.78(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	P Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-198											
427.7635	47:27	47:25	1	1.112	105342	14142	57	142	248		
429.7606	47:26	47:25	1	1.111	113784	13342	63	157	212	0.93(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:27	47:25	1	1.112	105342	14142	57	142	248		
429.7606	47:26	47:25	1	1.111	113784	13342	63	157	212	0.93(0.76-1.02)	
PCB-196											
427.7635	48:08	48:06	1	0.918	44398	7613	57	142	134		
429.7606	48:06	48:06	0	0.917	51207	9691	63	157	154	0.87(0.76-1.02)	
PCB-203											
427.7635	48:19	48:17	1	0.921	56723	10320	57	142	181		
429.7606	48:18	48:17	1	0.921	61722	11514	63	157	183	0.92(0.76-1.02)	
PCB-195											
427.7635	49:39	49:38	1	0.947	70660	13507	148	370	91		
429.7606	49:40	49:38	1	0.947	84443	16929	146	365	116	0.84(0.76-1.02)	
PCB-194											
427.7635	52:00	51:59	1	0.991	80750	17914	148	370	121		
429.7606	52:00	51:59	1	0.991	91625	18179	146	365	125	0.88(0.76-1.02)	
PCB-205											
427.7635	52:27	52:27	1	1.000	98378	17582	148	370	119		
429.7606	52:27	52:27	1	1.000	116403	21949	146	365	150	0.85(0.76-1.02)	
PCB-208L											
473.7648	49:22	49:21	1	0.950	7387448	1428229	720	1800	1984		
475.7619	49:22	49:21	1	0.950	9147174	1763345	6964	17410	253	0.81(0.65-0.89)	
PCB-206L											
473.7648	54:10	54:10	1	1.042	5162084	949665	720	1800	1319		
475.7619	54:10	54:10	1	1.042	6228387	1205314	6964	17410	173	0.83(0.65-0.89)	
PCB-208											
461.7246	49:23	49:22	1	1.000	76848	13255	79	197	168		
463.7216	49:24	49:22	1	1.001	95536	21091	442	1105	48	0.80(0.65-0.89)	
PCB-207											M
461.7246	50:19	50:18	1	1.019	74958	14799	79	197	187		M
463.7216	50:19	50:18	1	1.019	102599	20701	442	1105	47	0.73(0.65-0.89)	M
PCB-206											
461.7246	54:12	54:11	1	1.000	69793	12812	79	197	162		
463.7216	54:12	54:11	1	1.000	78298	15208	442	1105	34	0.89(0.65-0.89)	
PCB-209L											
507.7258	55:46	55:46	1	1.073	5095133	916349	225	562	4073		
509.7229	55:46	55:46	1	1.073	7070571	1250368	166	415	7532	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											Ma
495.6856	55:49	55:47	2	1.001	55191	9472	34	85	279		M
497.6826	55:47	55:47	0	1.000	70981	12519	31	77	404	0.78(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

61L11668P_00004 Amount Added: 20.00 Units: uL

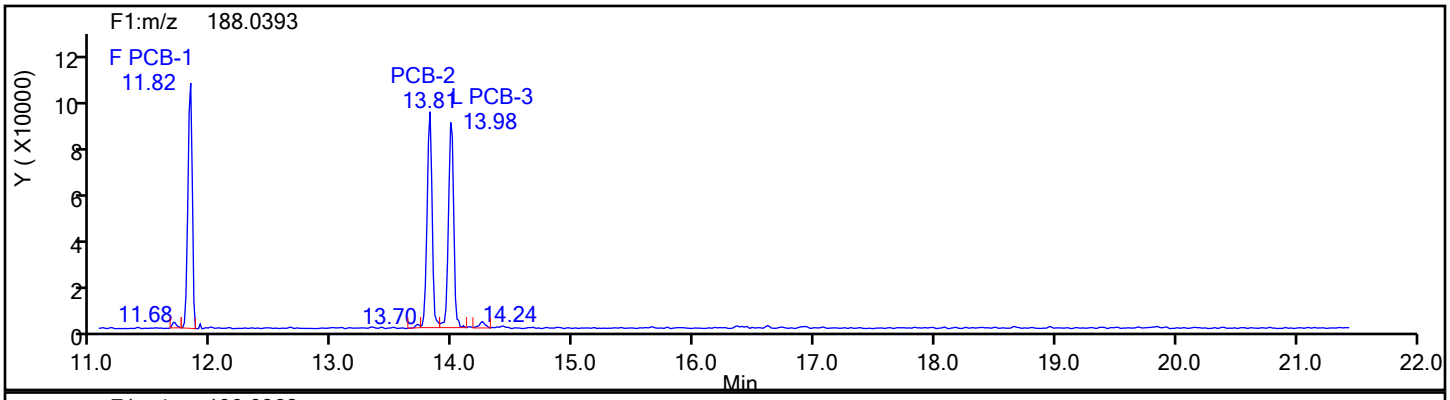
Report Date: 08-Oct-2021 19:10:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

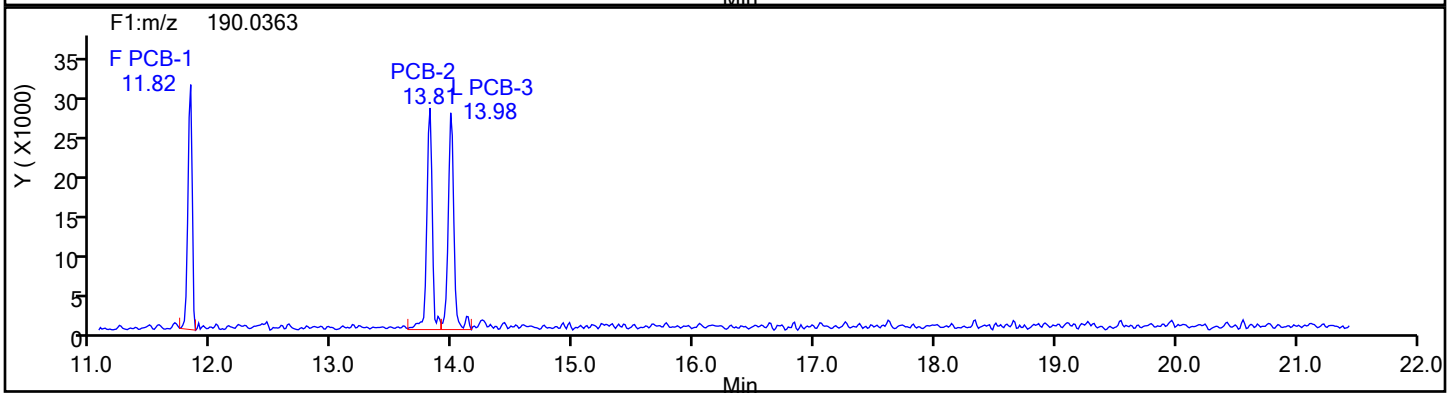
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

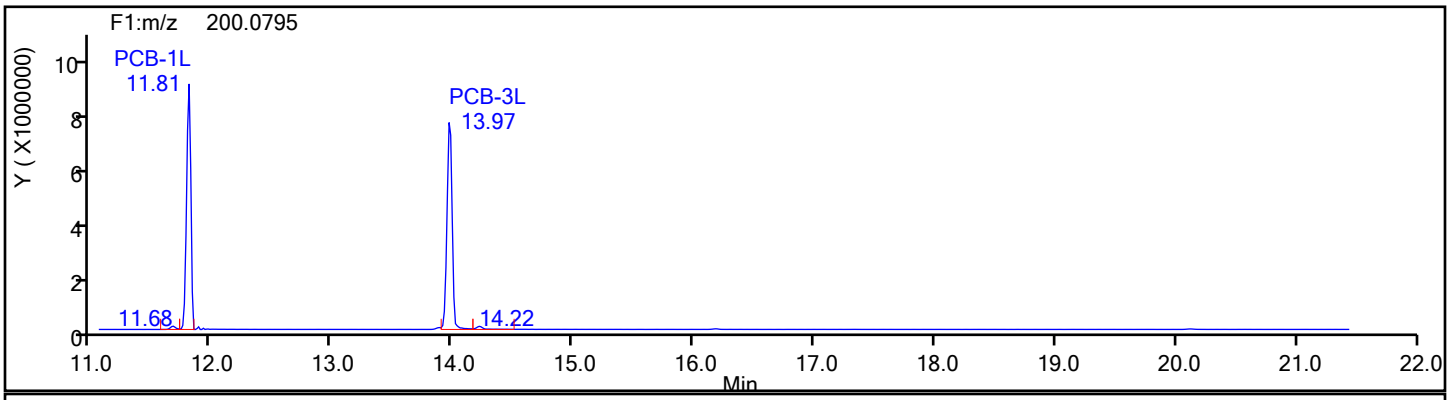
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

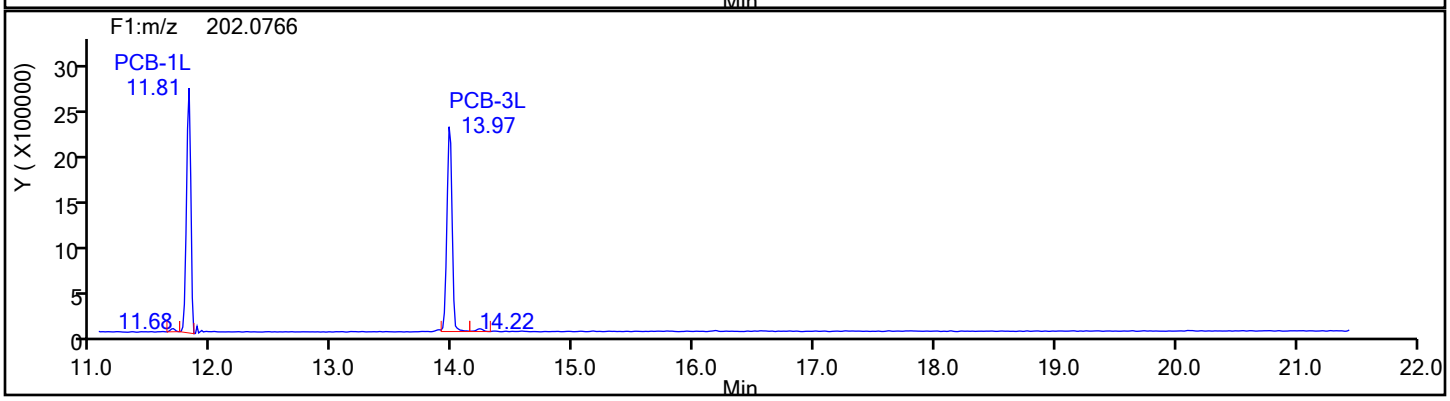
MoPCB F1





MoPCB F1 Standards



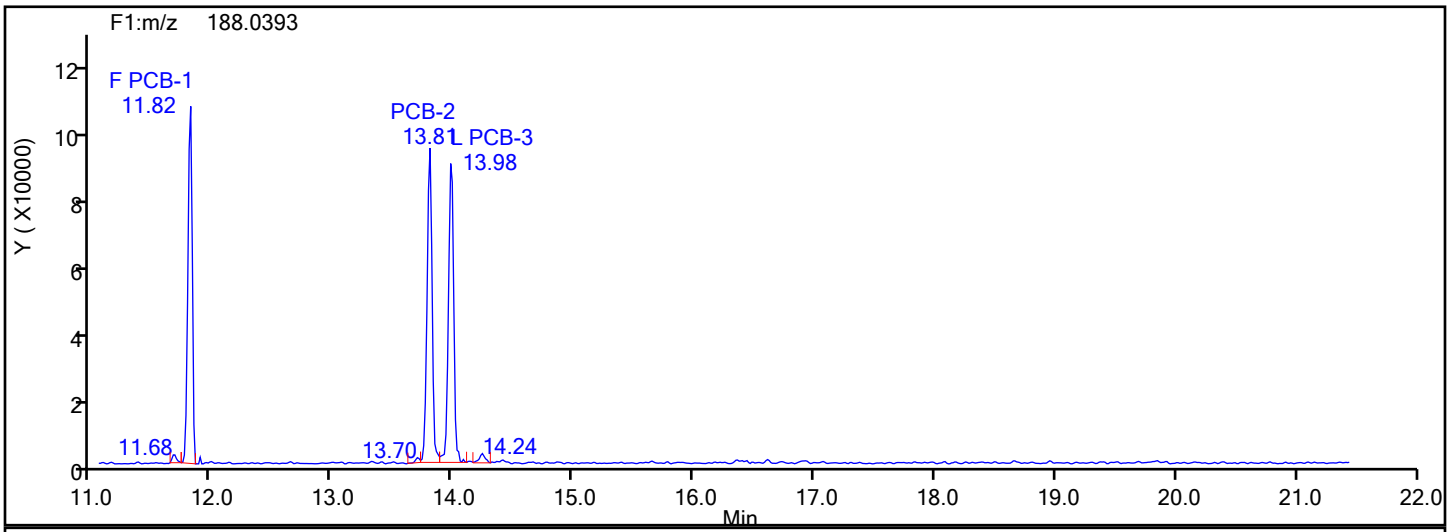


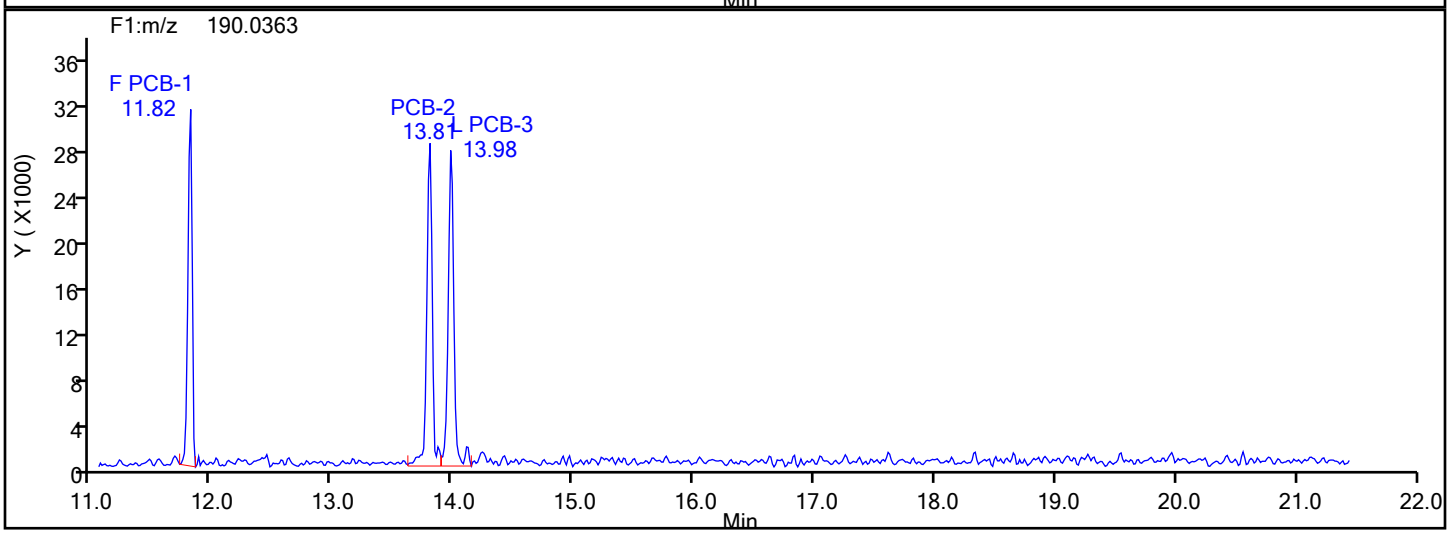
Report Date: 08-Oct-2021 19:10:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

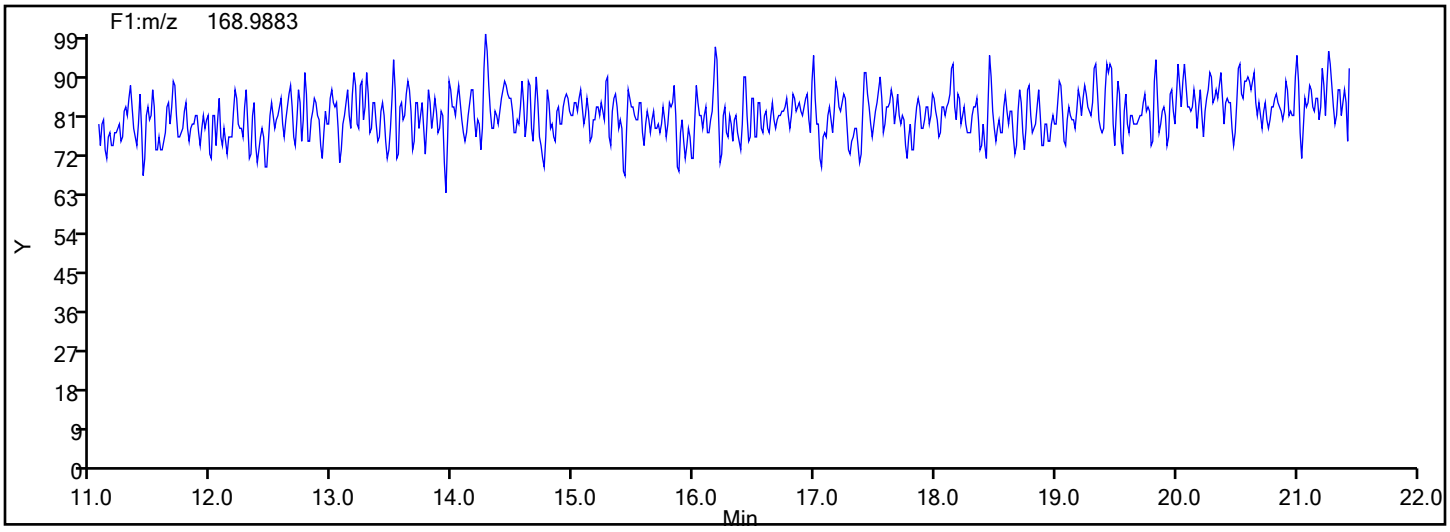
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Report Date: 08-Oct-2021 19:10:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

Injection Date: 08-Oct-2021 12:38:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

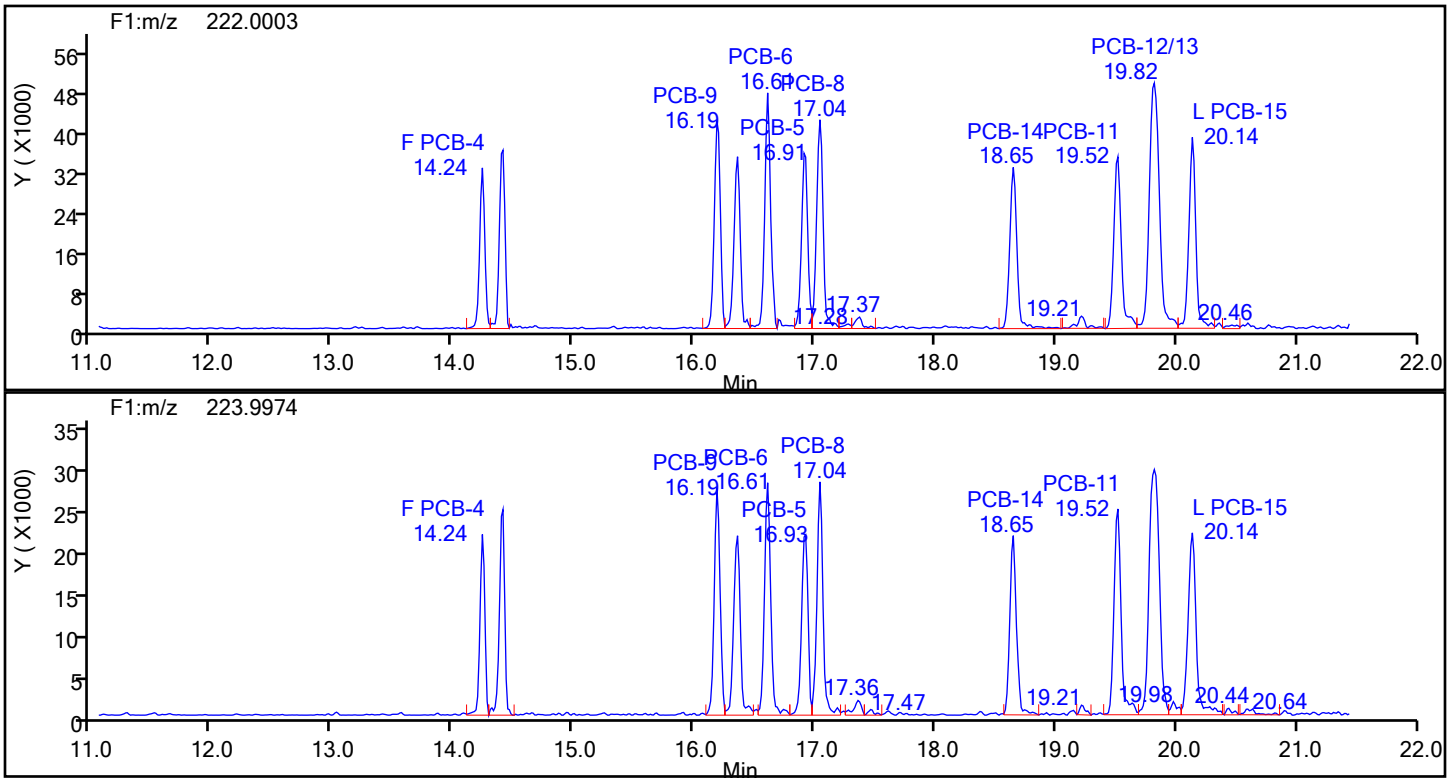
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

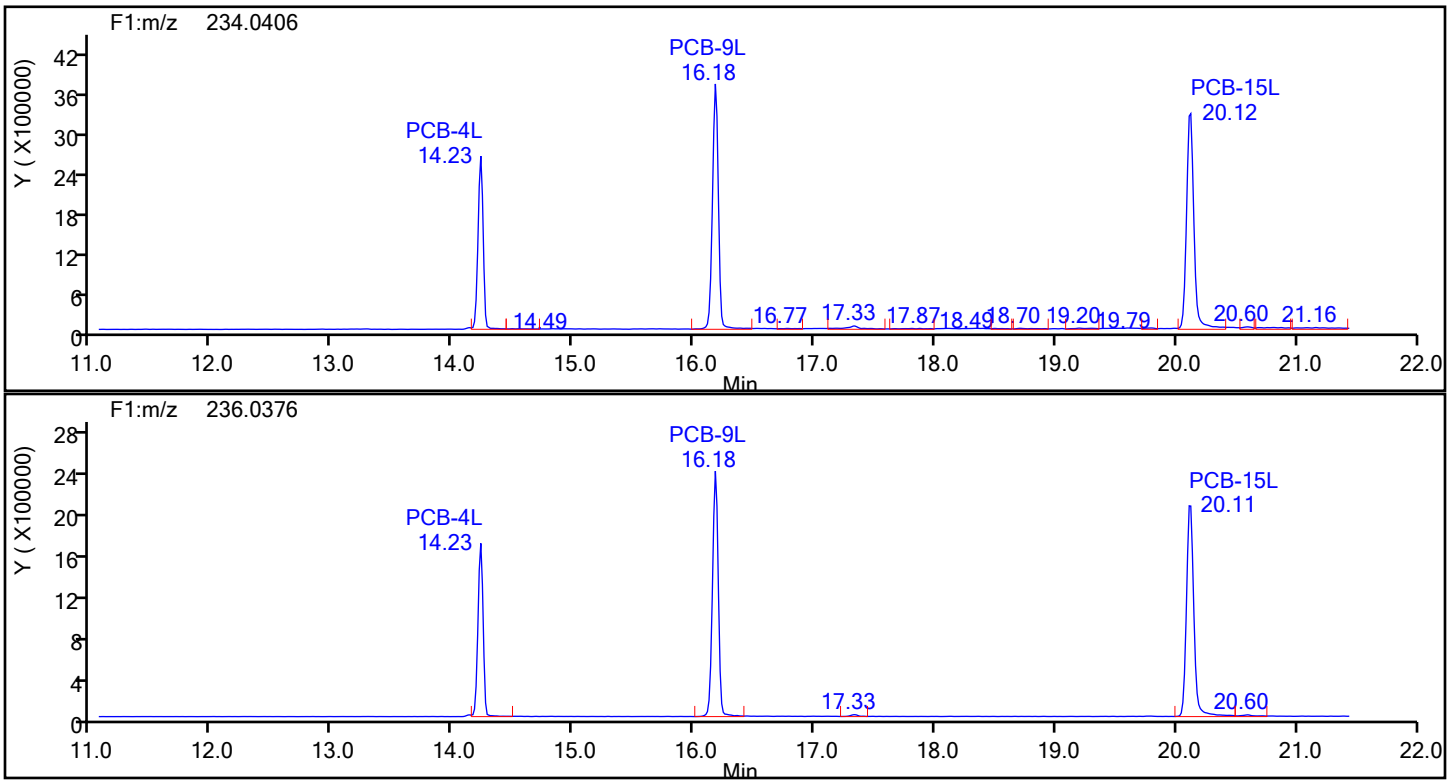
Worklist#: 54640 Sample Line#: 2

Column Type: Column Dia:

DiPCB F1



DiPCB F1 Standards

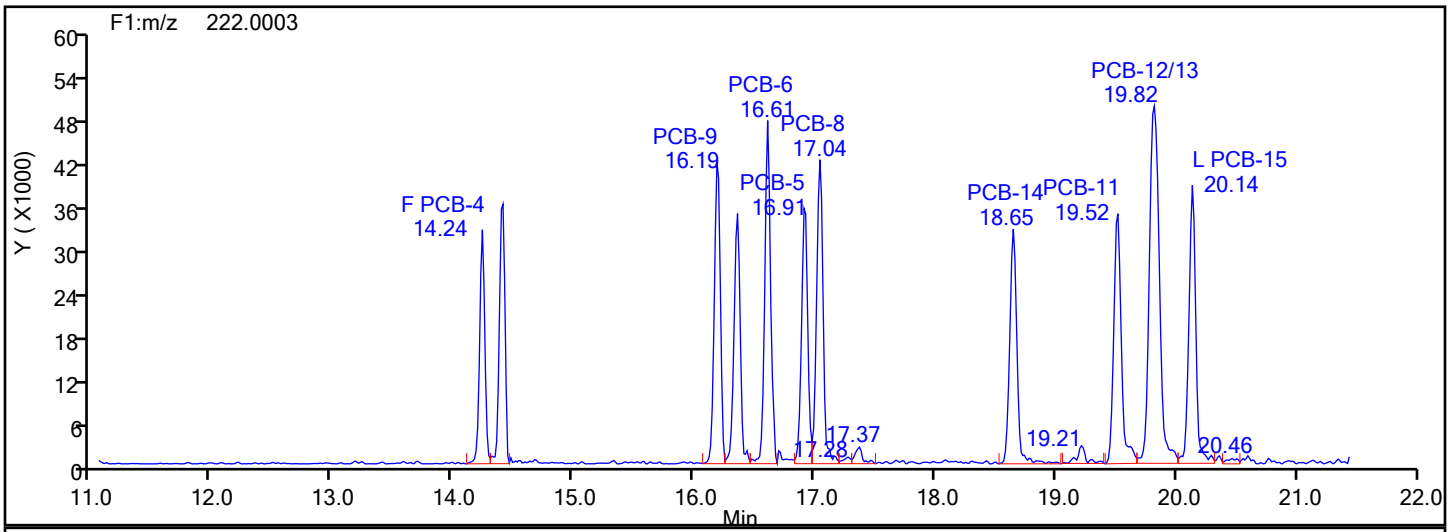


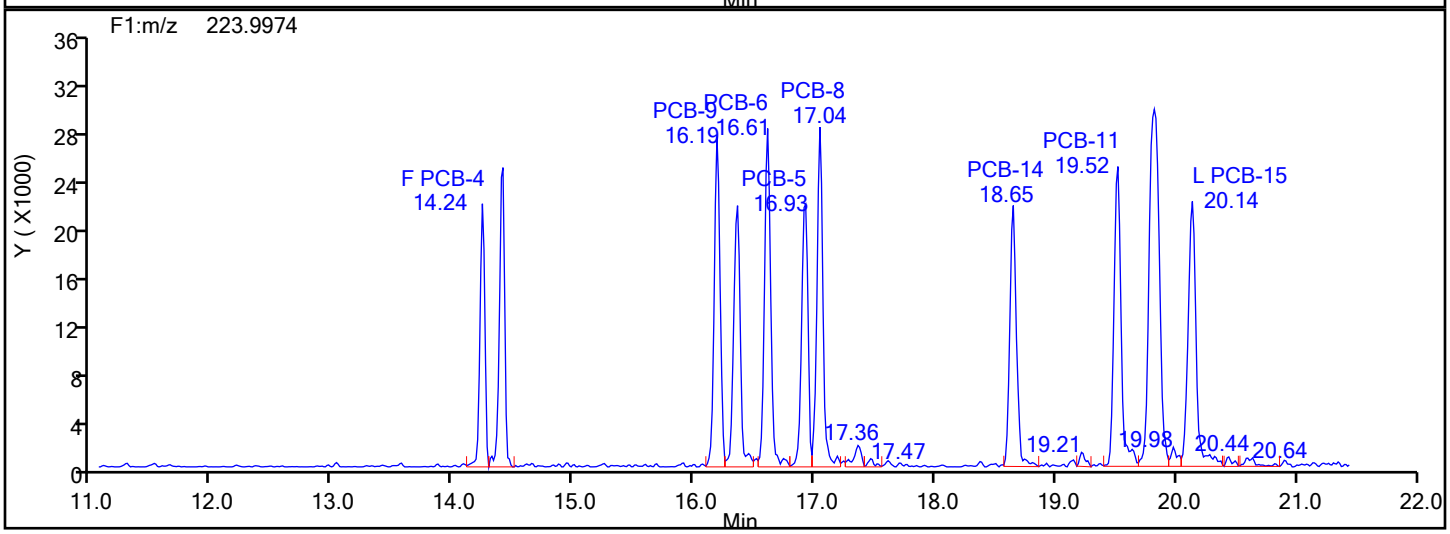
Report Date: 08-Oct-2021 19:10:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

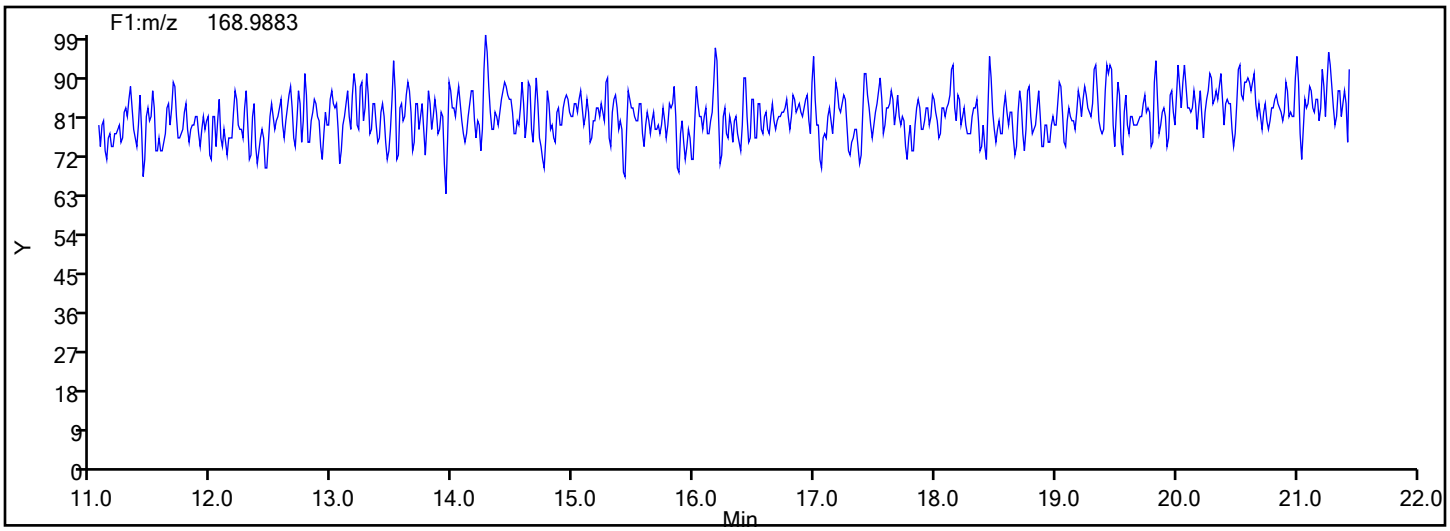
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



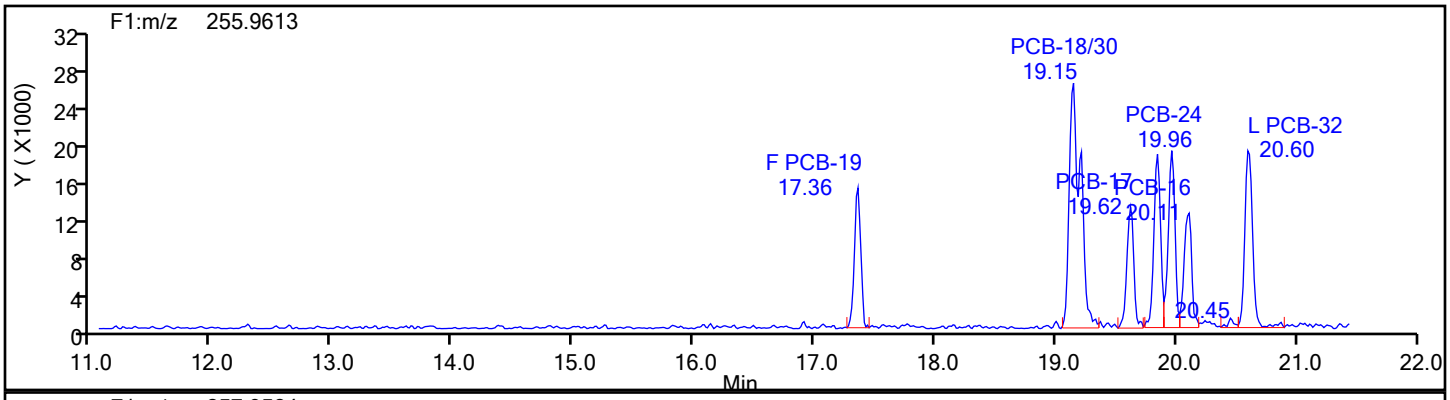
Report Date: 08-Oct-2021 19:10:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

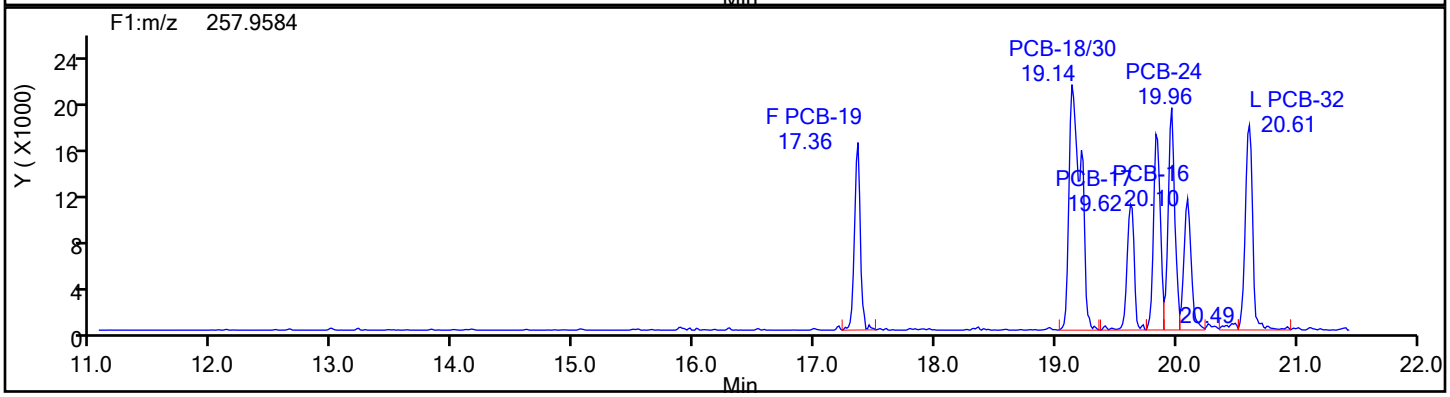
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

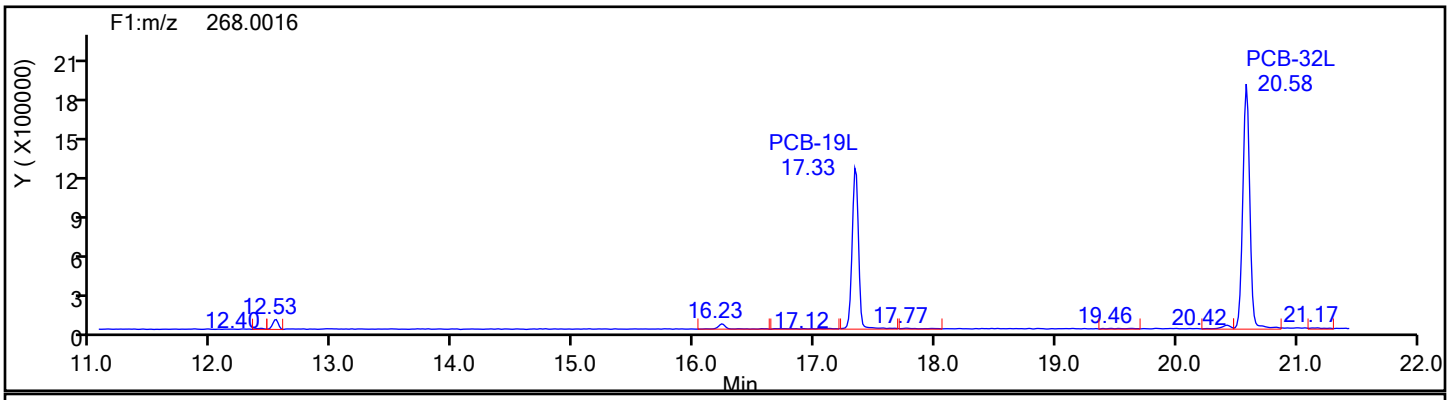
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

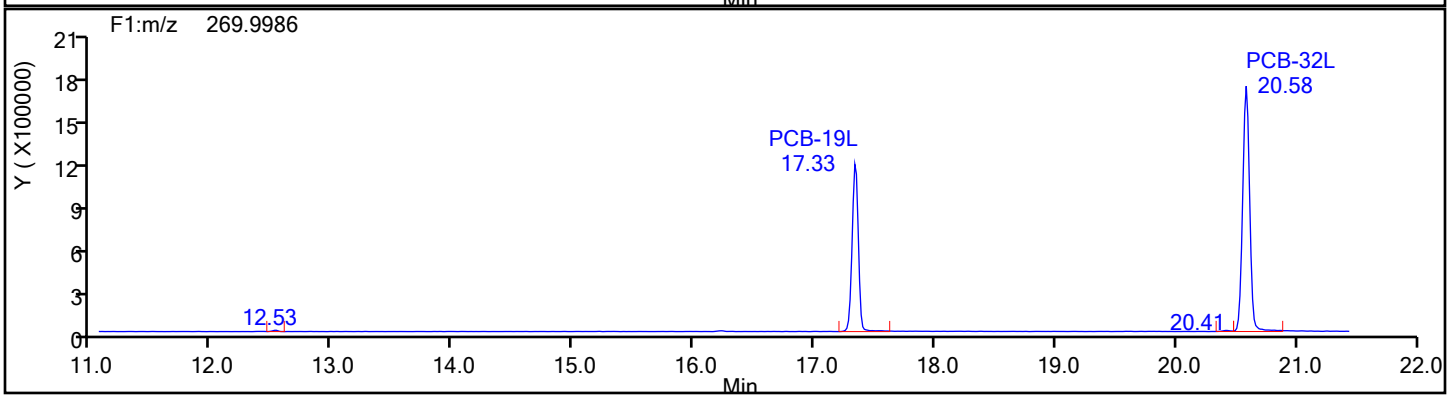
TriPCB F1





TriPCB F1 Standards



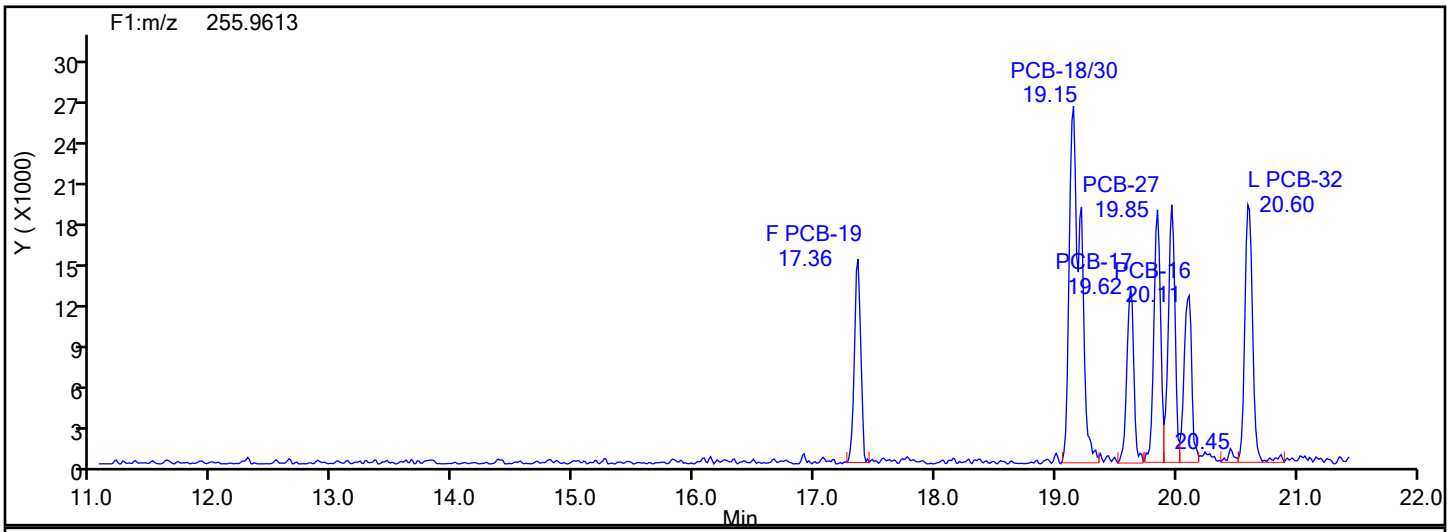


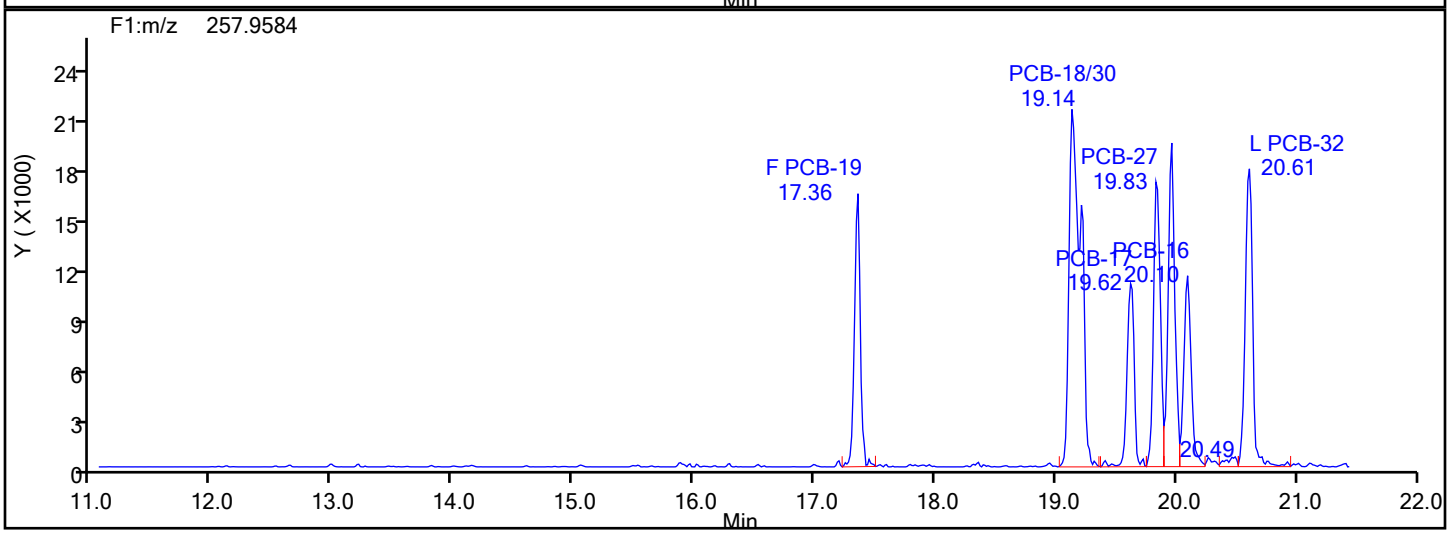
Report Date: 08-Oct-2021 19:10:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

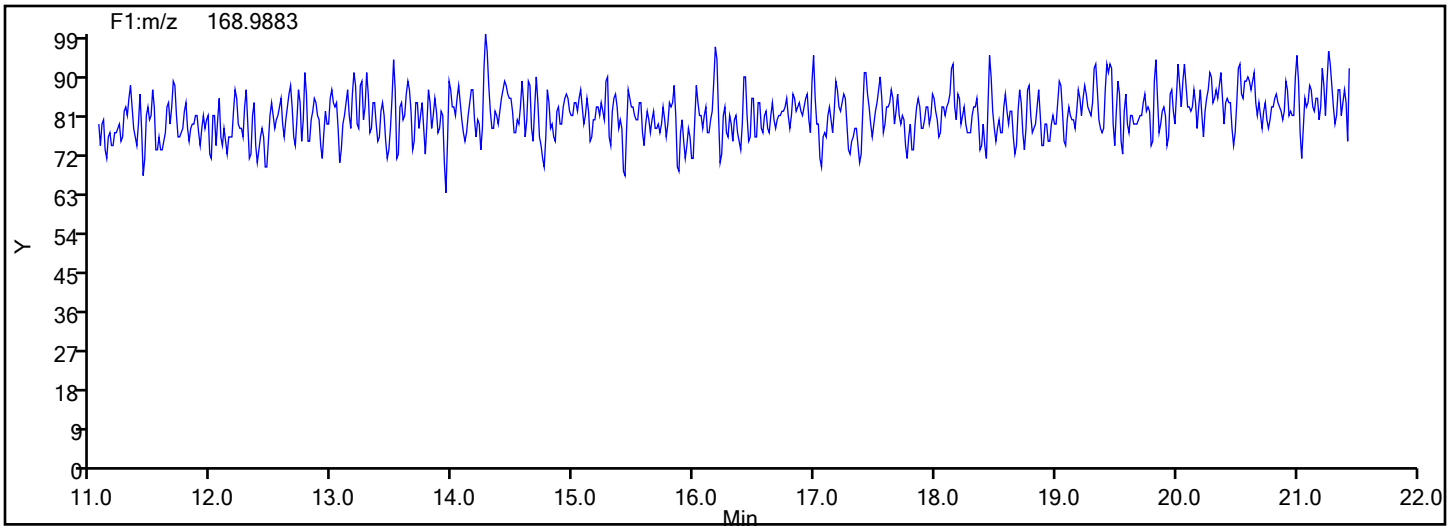
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

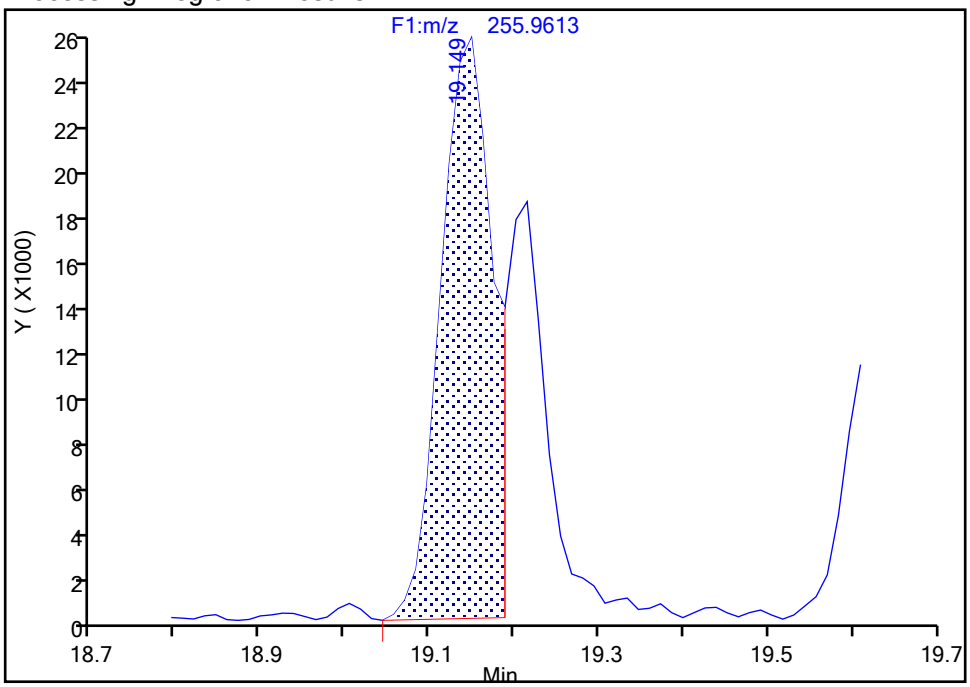
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-18/30, CAS: STL01798

Signal: 1

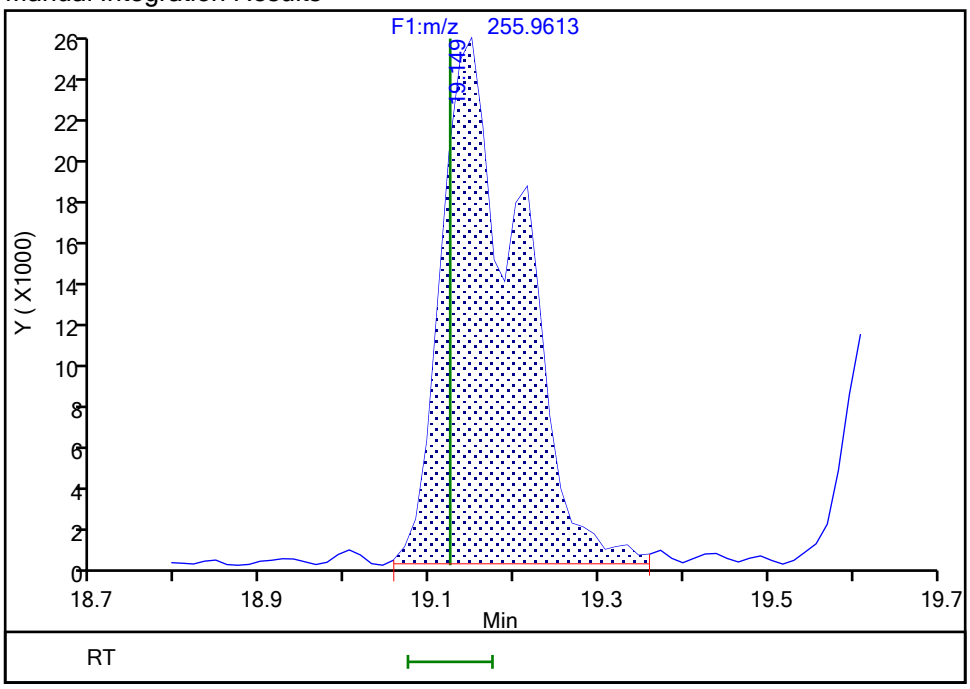
Processing Integration Results

RT: 19.15
Area: 107913
Amount: 1.952190
Amount Units: pg/ul



Manual Integration Results

RT: 19.15
Area: 167748
Amount: 1.985074
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:43:32
Audit Action: Manually Integrated Audit Reason: Split Peak

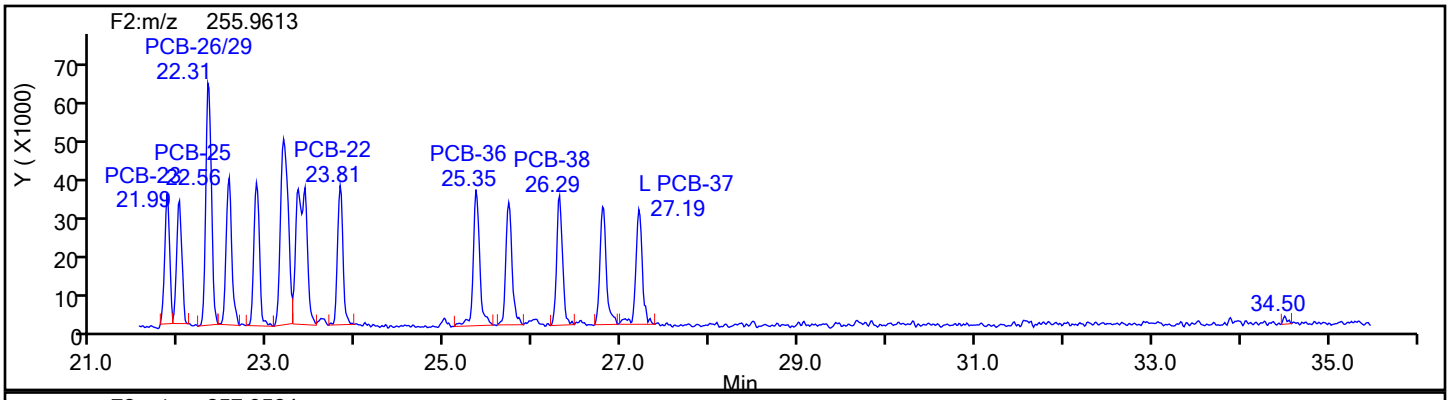
Report Date: 08-Oct-2021 19:10:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

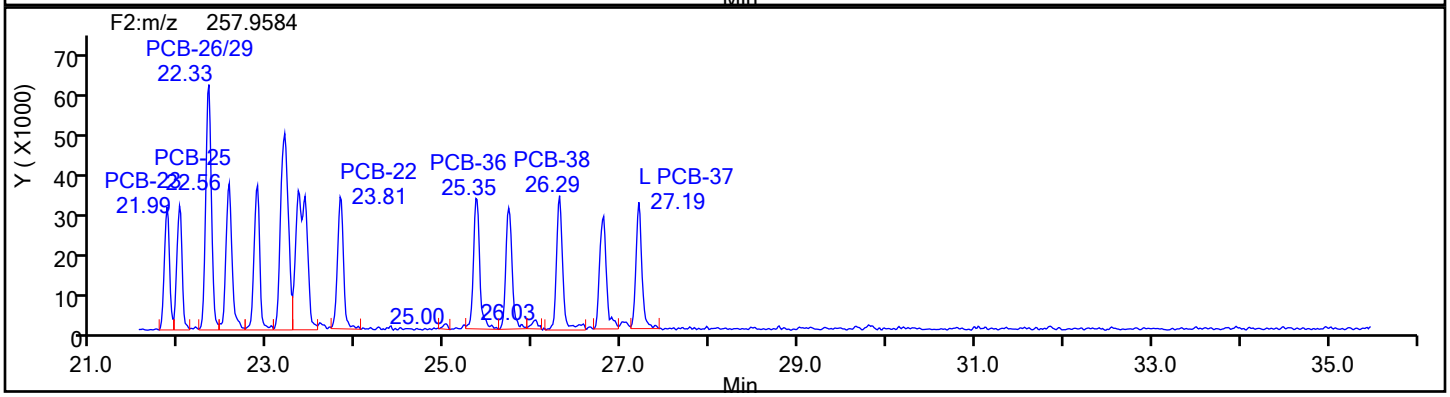
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

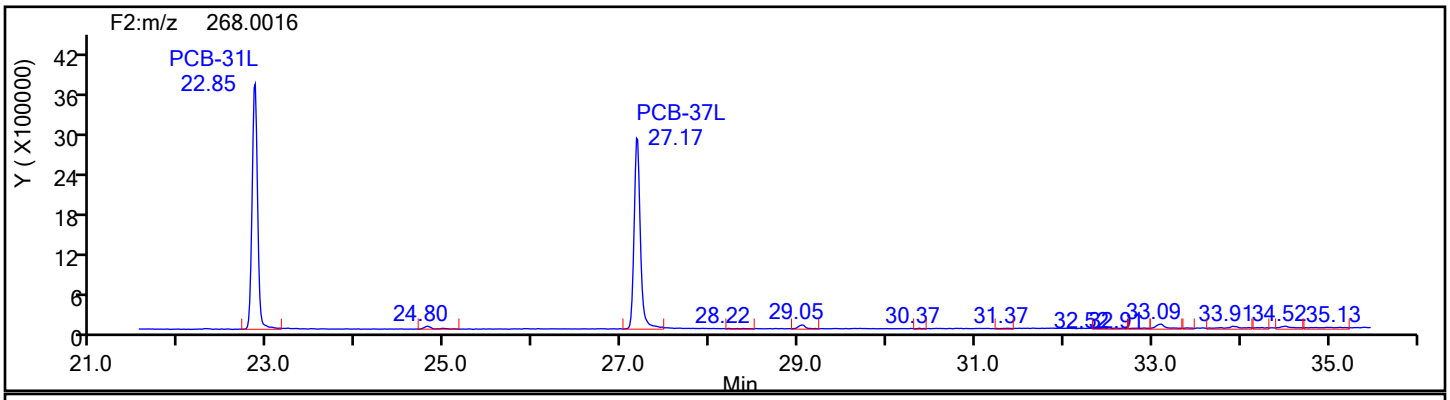
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

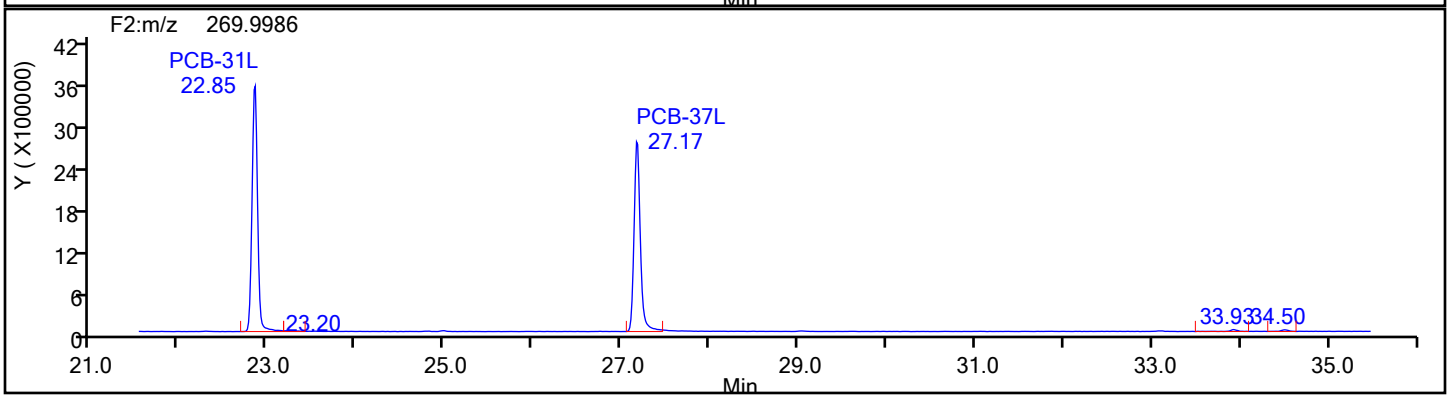
TriPCB F2





TriPCB F2 Standards



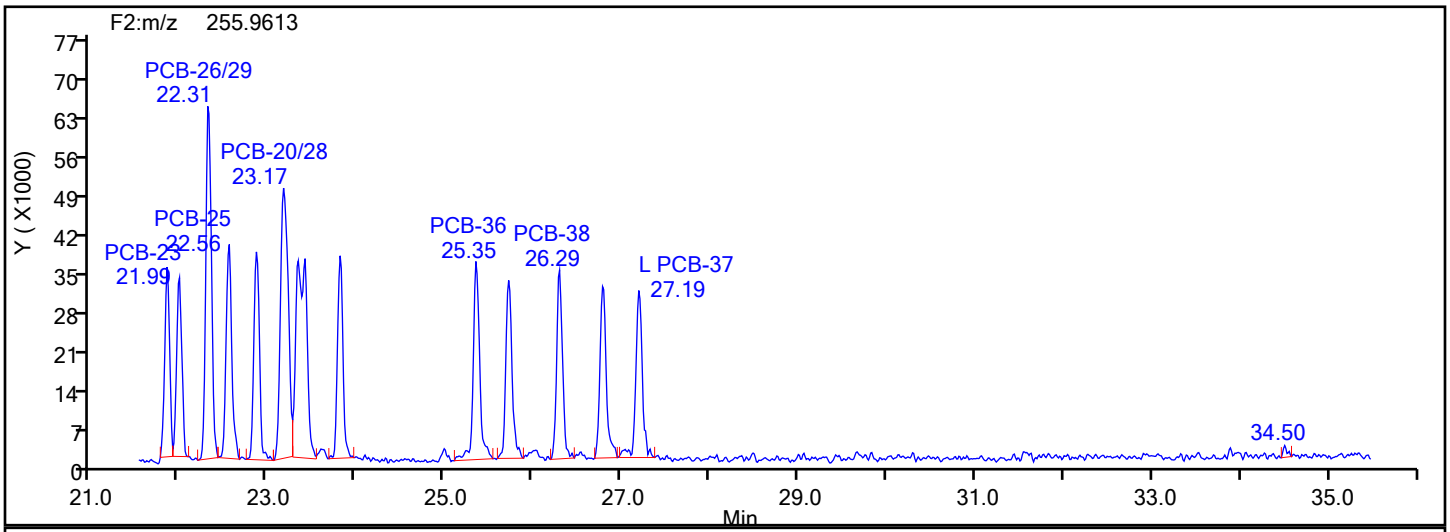


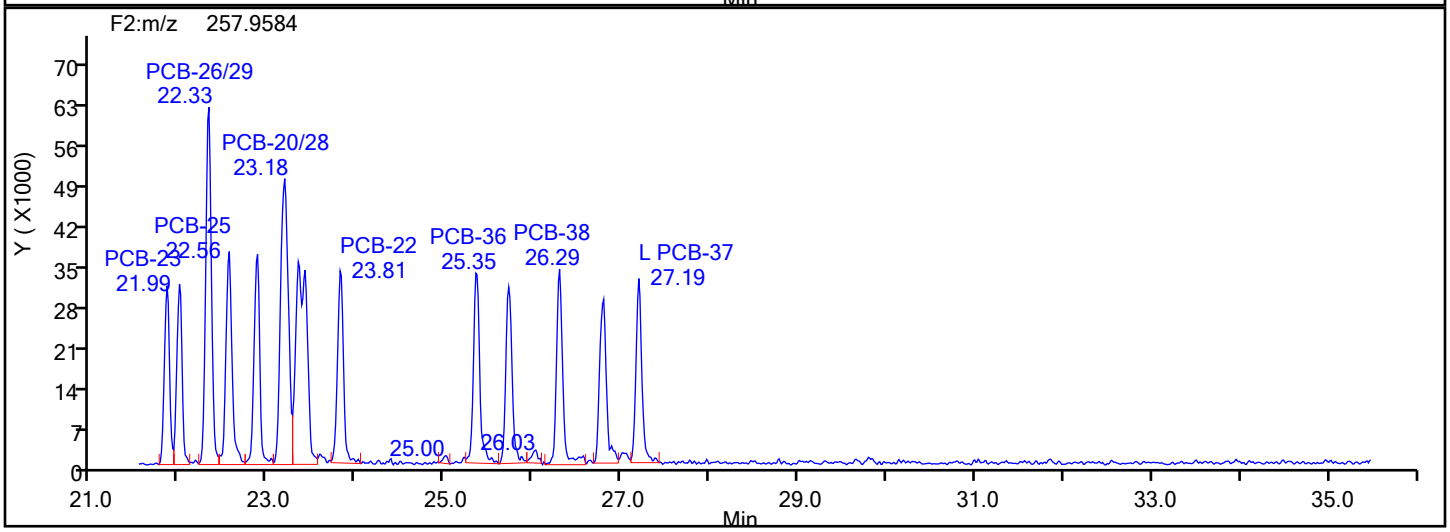
Report Date: 08-Oct-2021 19:10:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

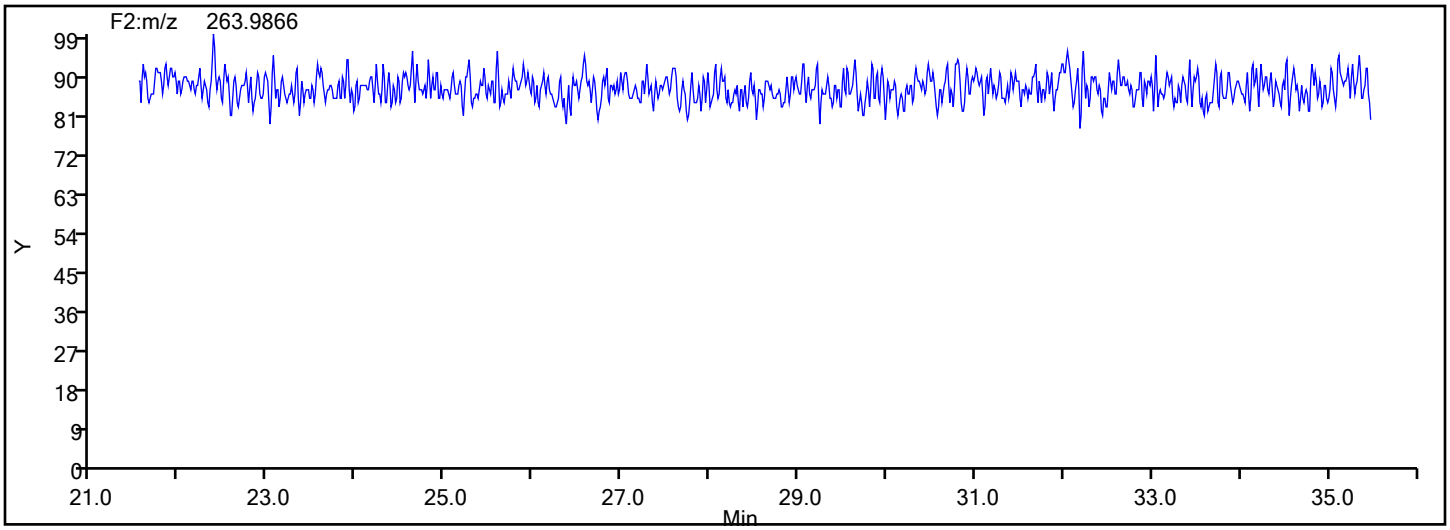
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

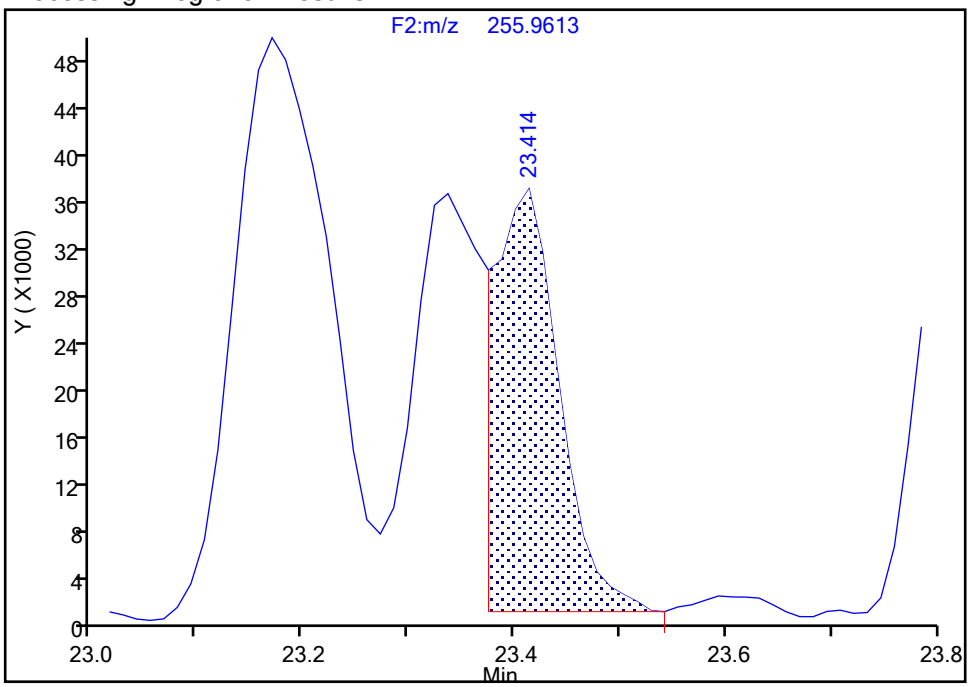
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 1

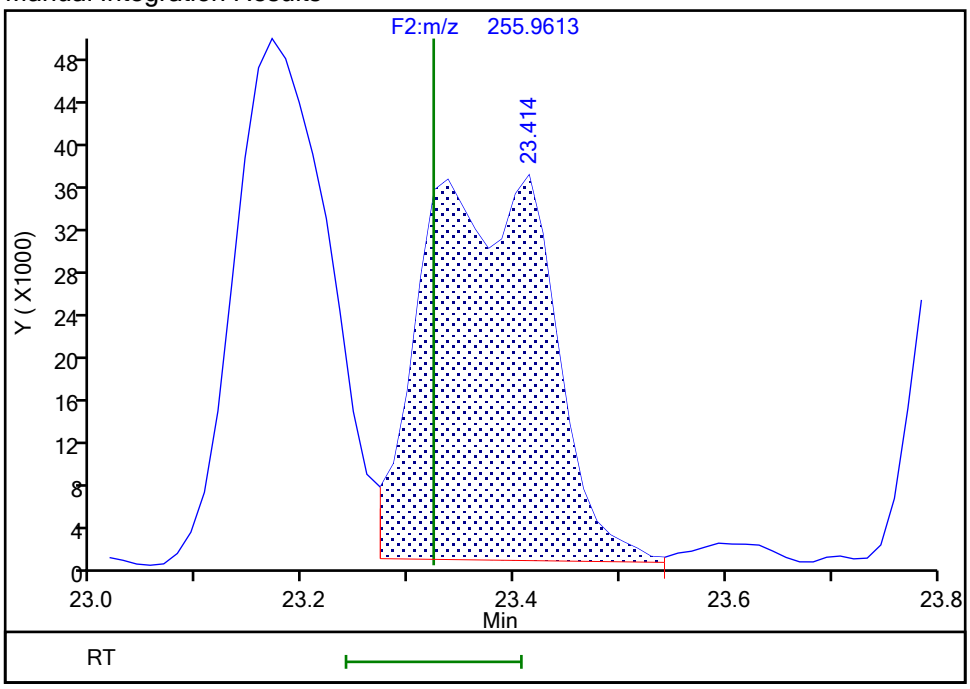
Processing Integration Results

RT: 23.41
Area: 147348
Amount: 2.187128
Amount Units: pg/ul



Manual Integration Results

RT: 23.41
Area: 306696
Amount: 1.964828
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:43:51
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

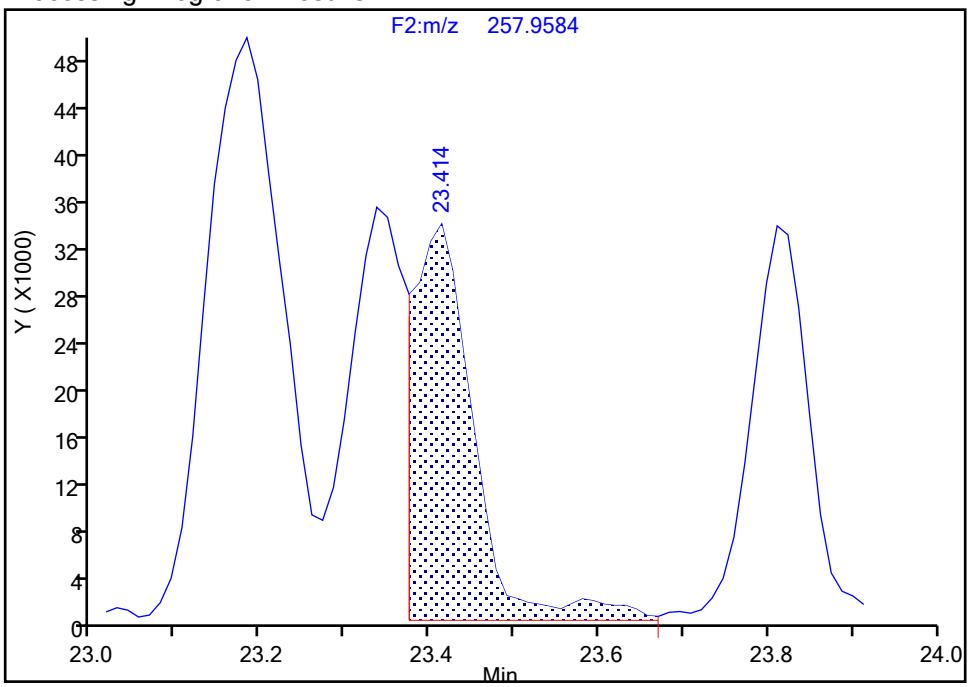
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 2

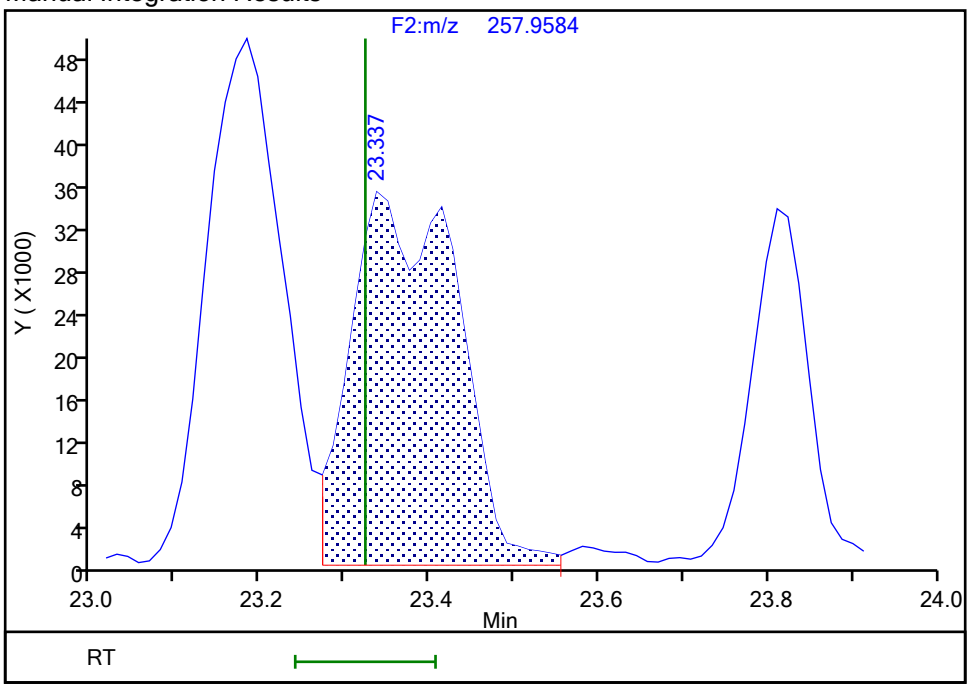
Processing Integration Results

RT: 23.41
Area: 162701
Amount: 2.187128
Amount Units: pg/ul



Manual Integration Results

RT: 23.34
Area: 309520
Amount: 1.964828
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:43:58
Audit Action: Manually Integrated Audit Reason: Split Peak

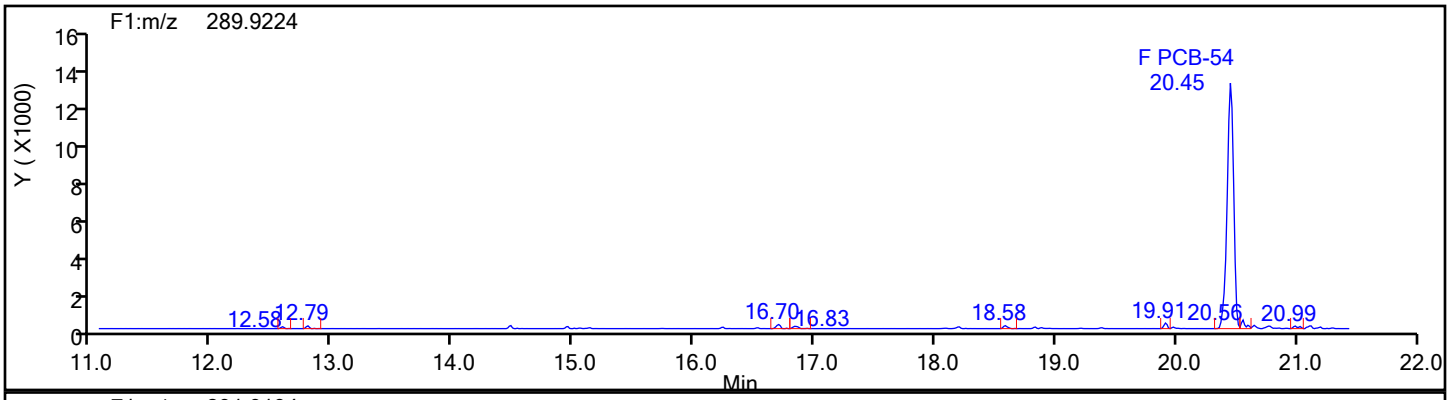
Report Date: 08-Oct-2021 19:10:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

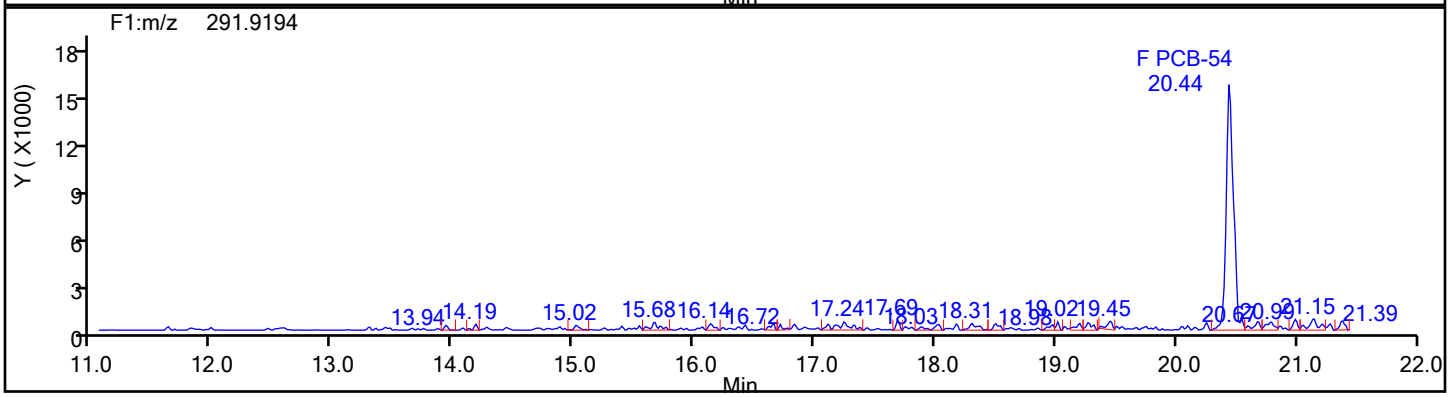
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

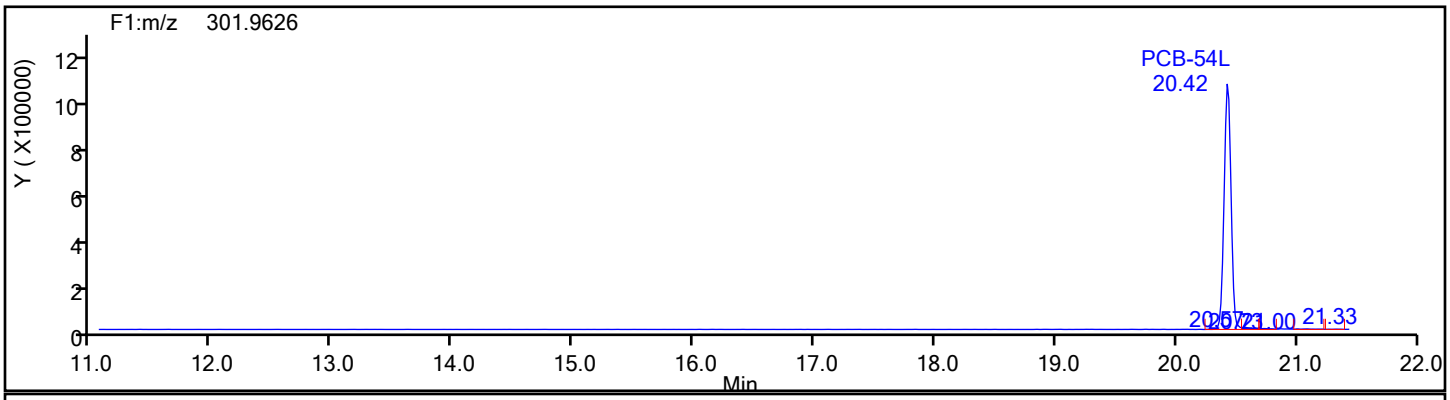
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

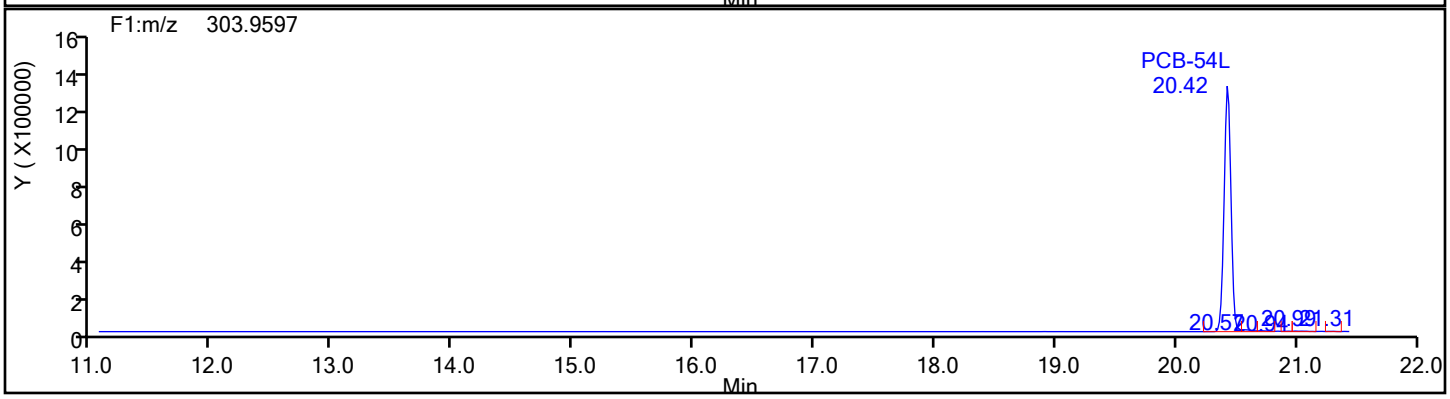
TePCB F1





TePCB F1 Standards



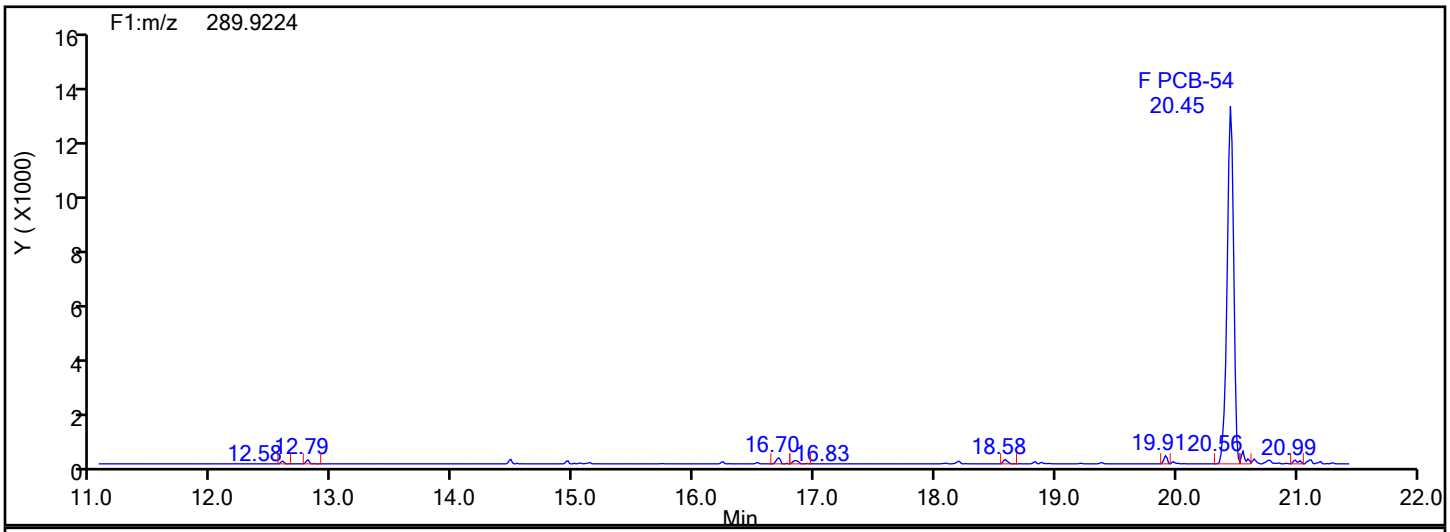


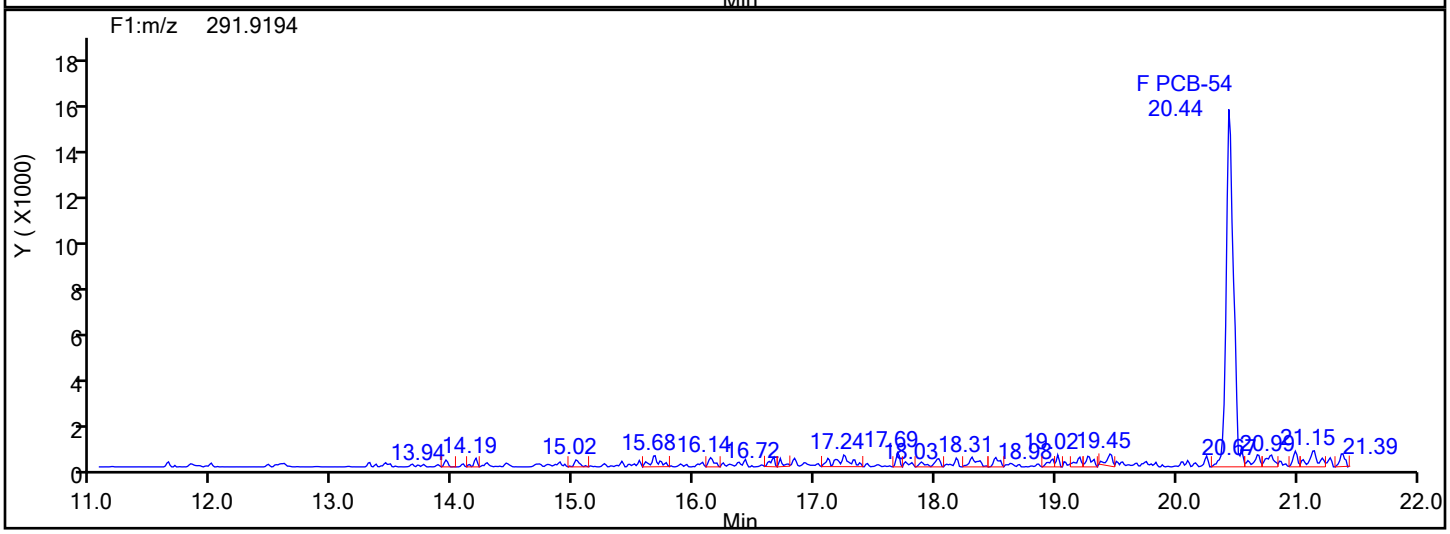
Report Date: 08-Oct-2021 19:10:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

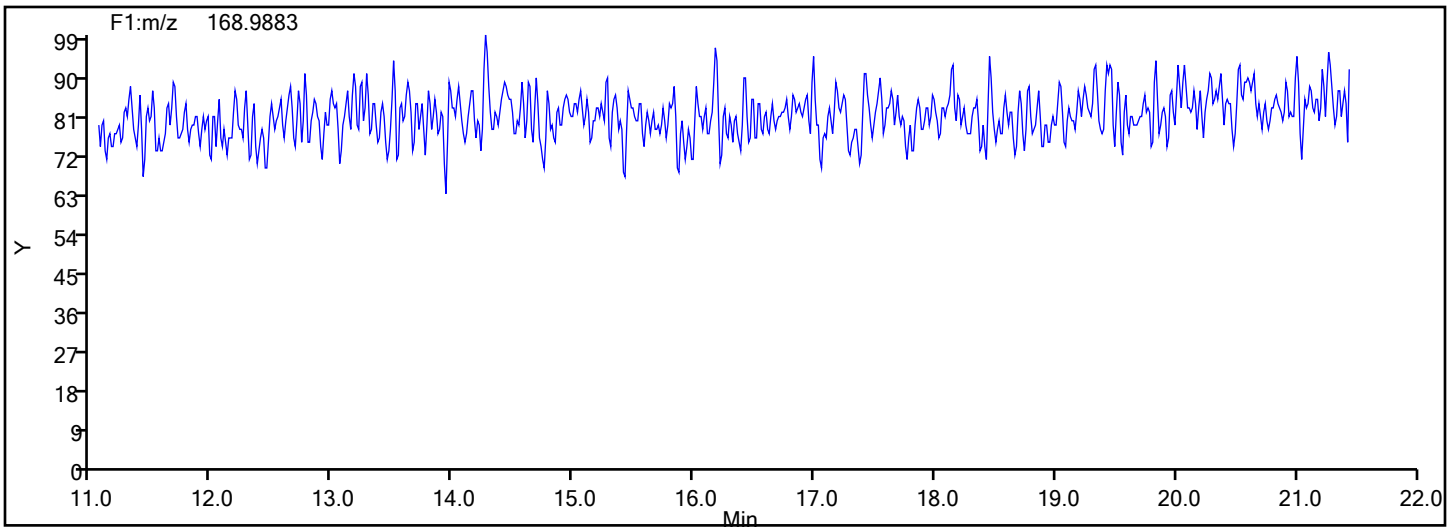
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



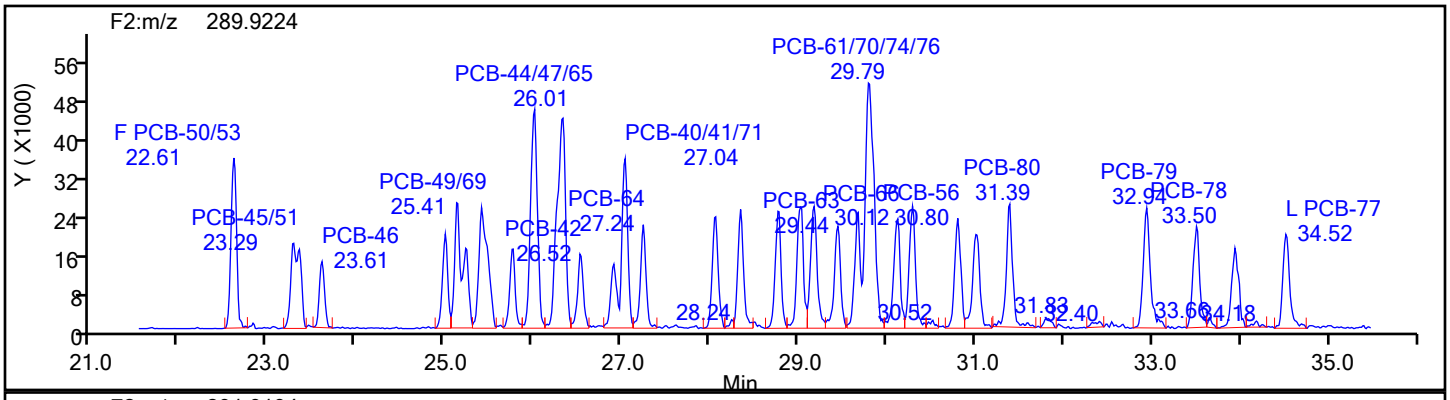
Report Date: 08-Oct-2021 19:10:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

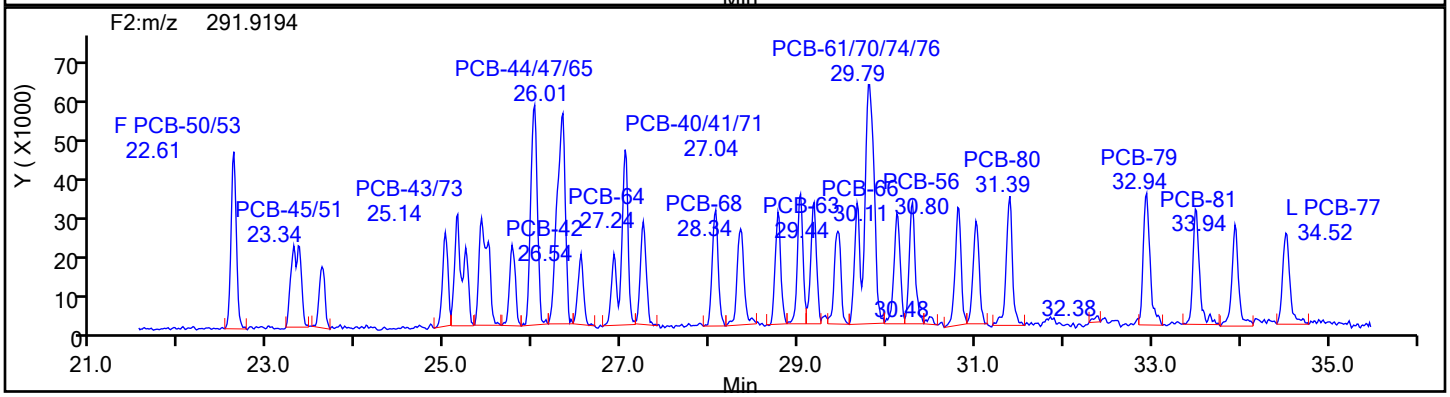
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

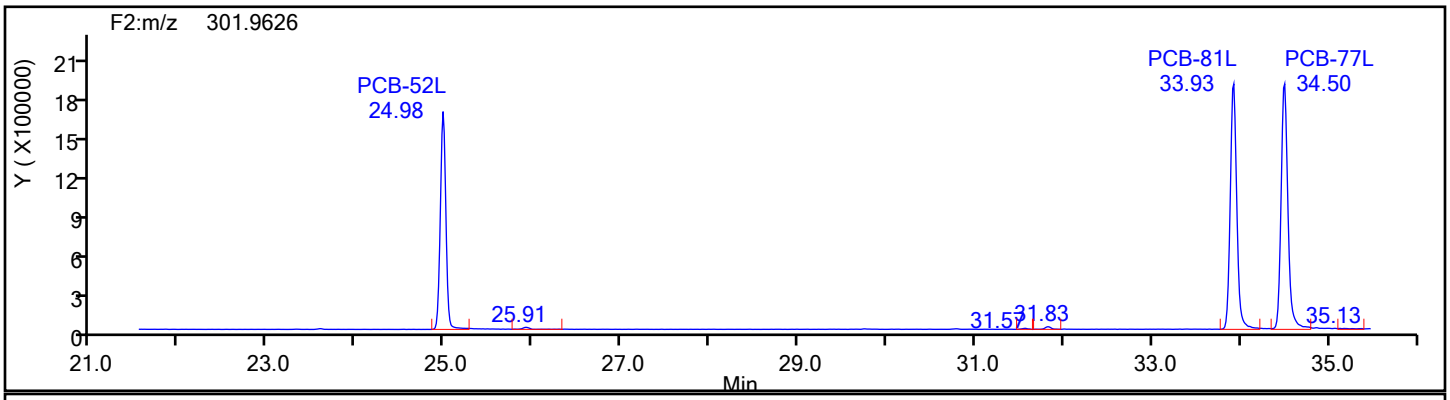
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

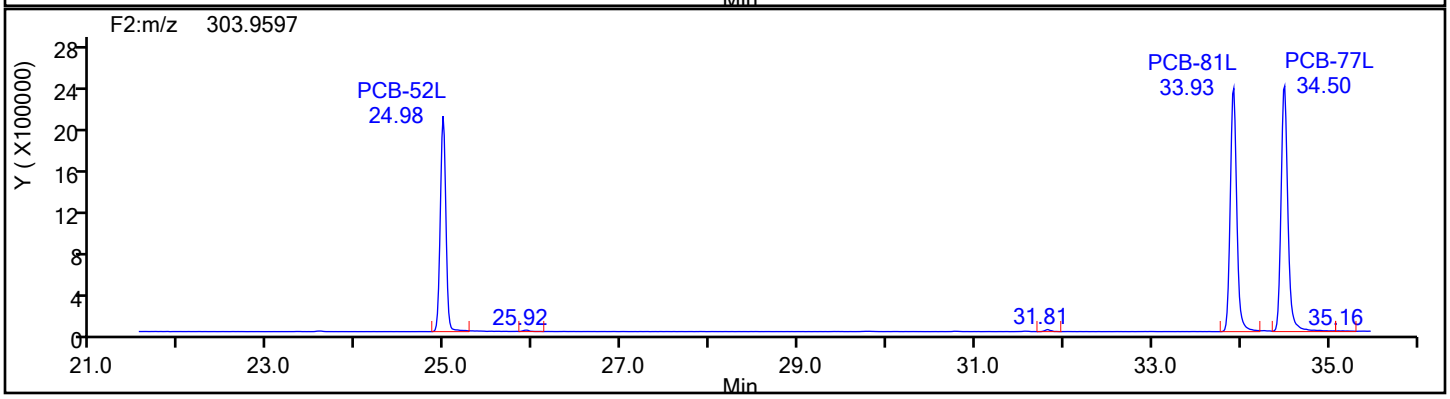
TePCB F2





TePCB F2 Standards



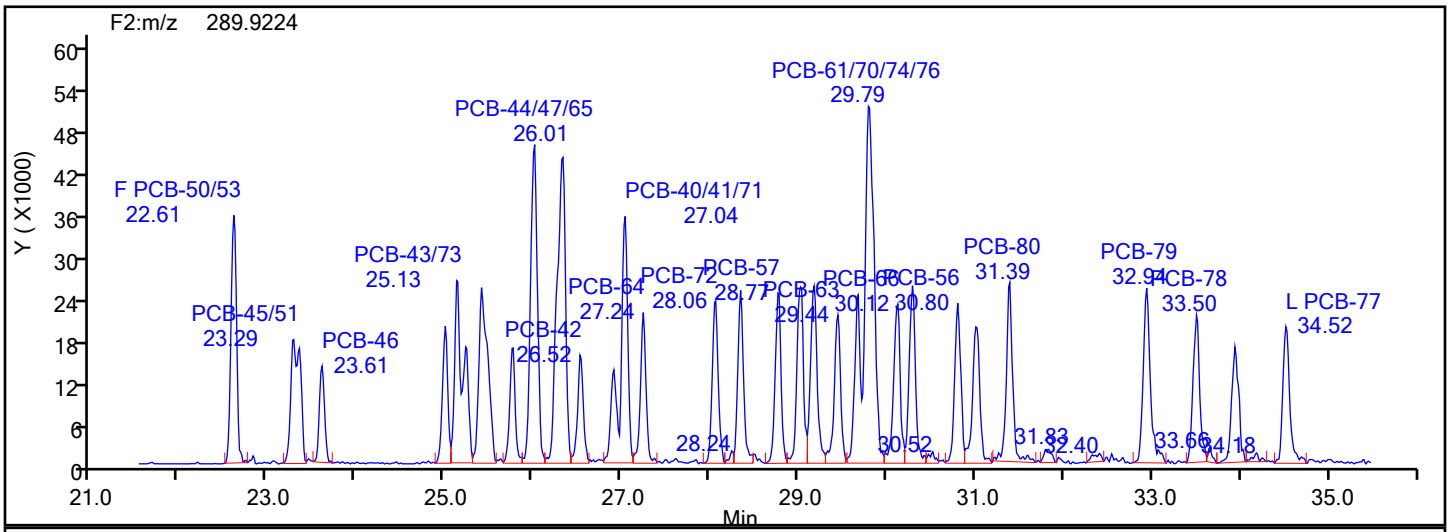


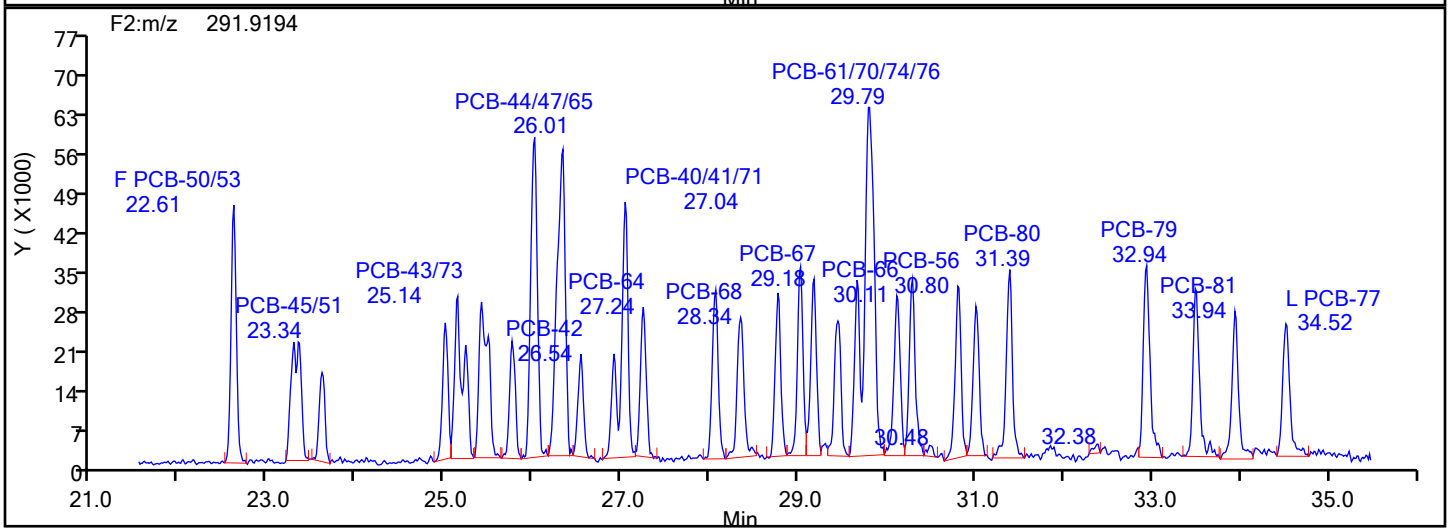
Report Date: 08-Oct-2021 19:10:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

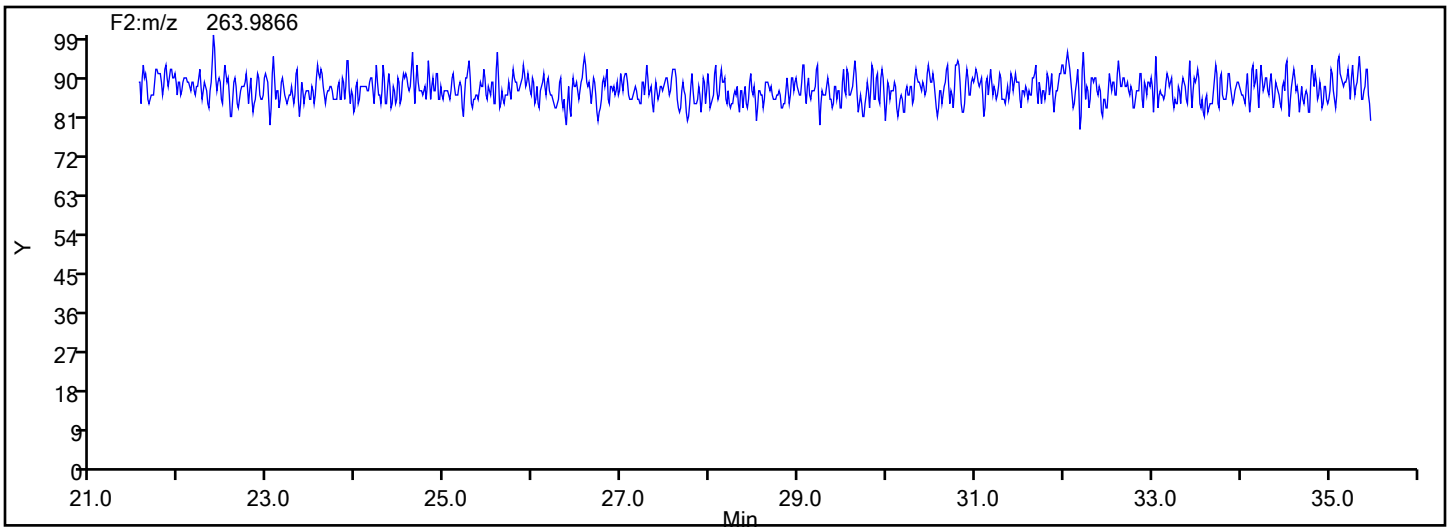
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

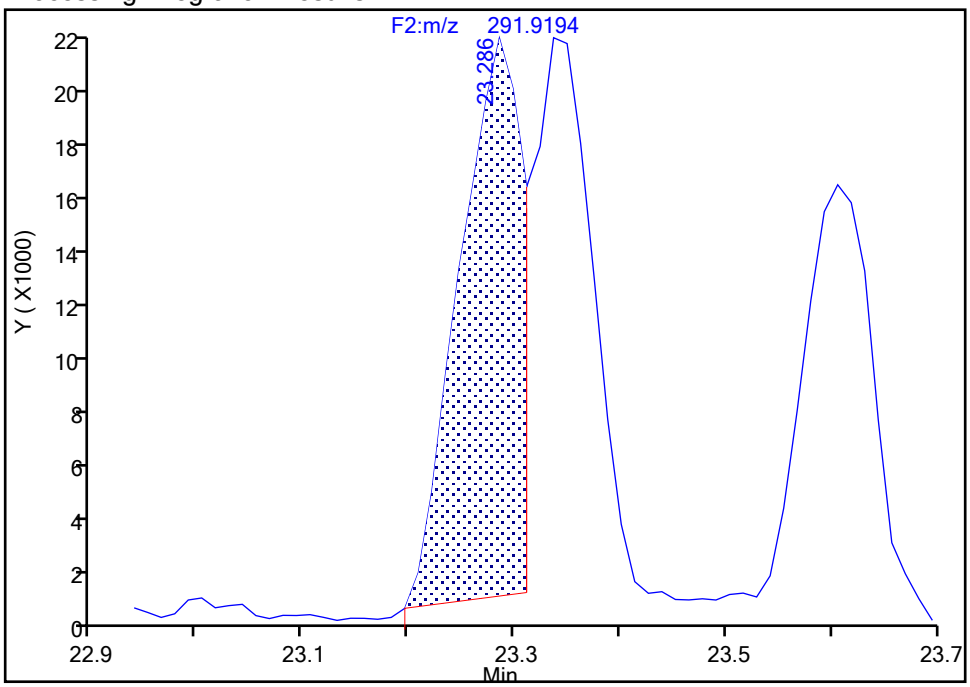
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 2

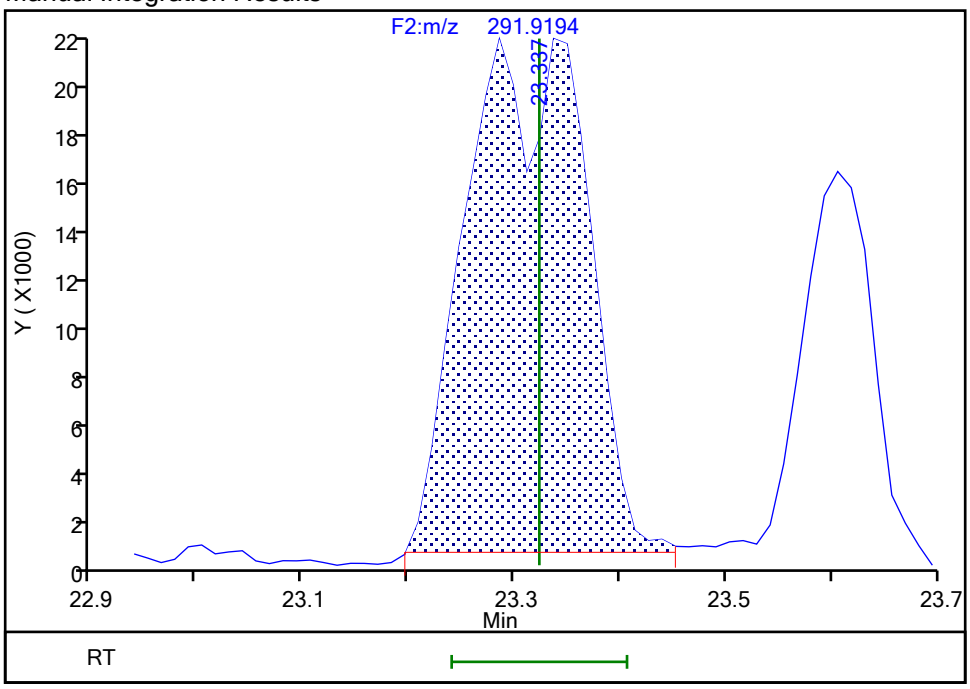
Processing Integration Results

RT: 23.29
Area: 82451
Amount: 2.115642
Amount Units: pg/ul



Manual Integration Results

RT: 23.34
Area: 167191
Amount: 1.892876
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:44:13

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

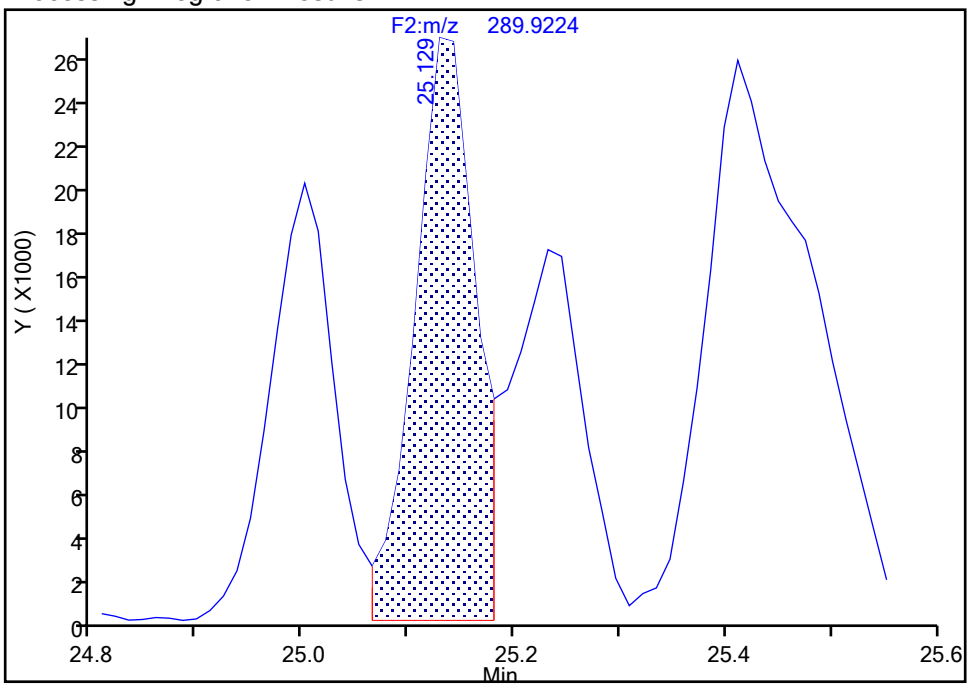
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 1

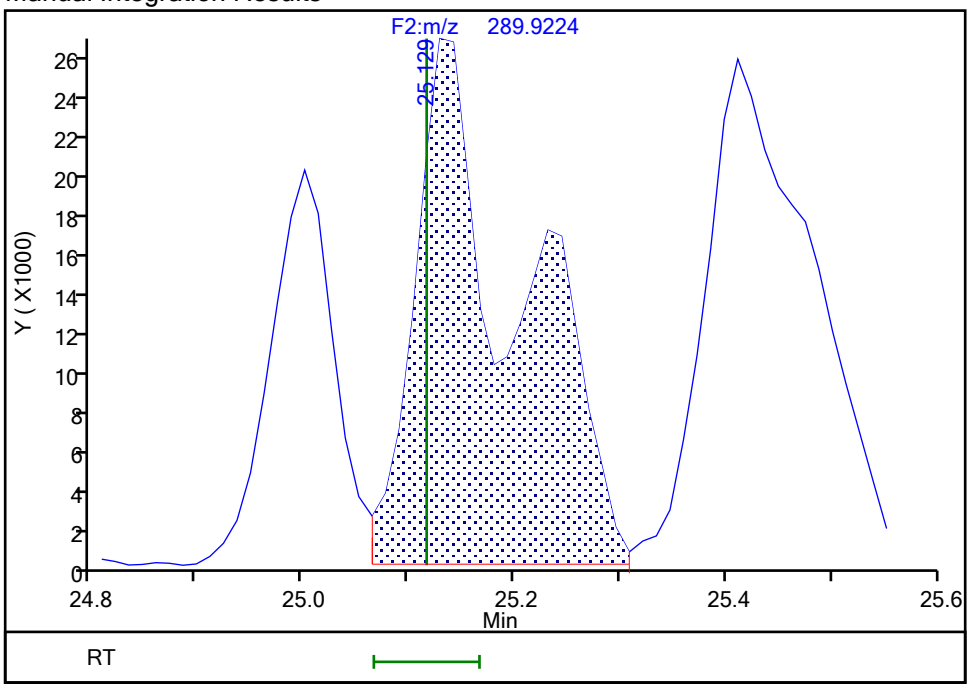
Processing Integration Results

RT: 25.13
Area: 102790
Amount: 2.005590
Amount Units: pg/ul



Manual Integration Results

RT: 25.13
Area: 180274
Amount: 1.903927
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:44:24
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

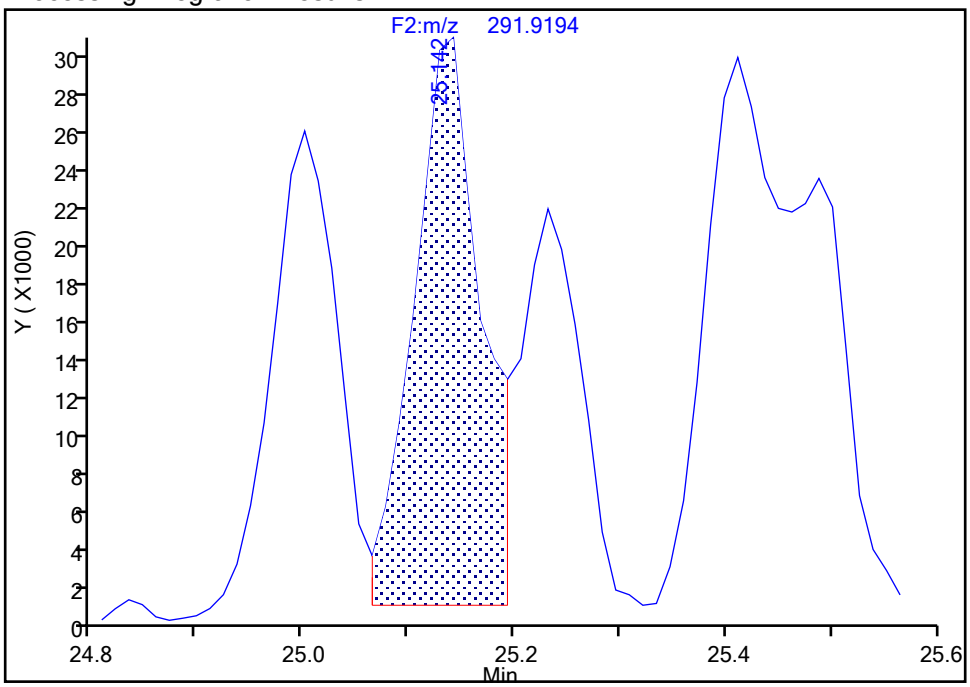
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 2

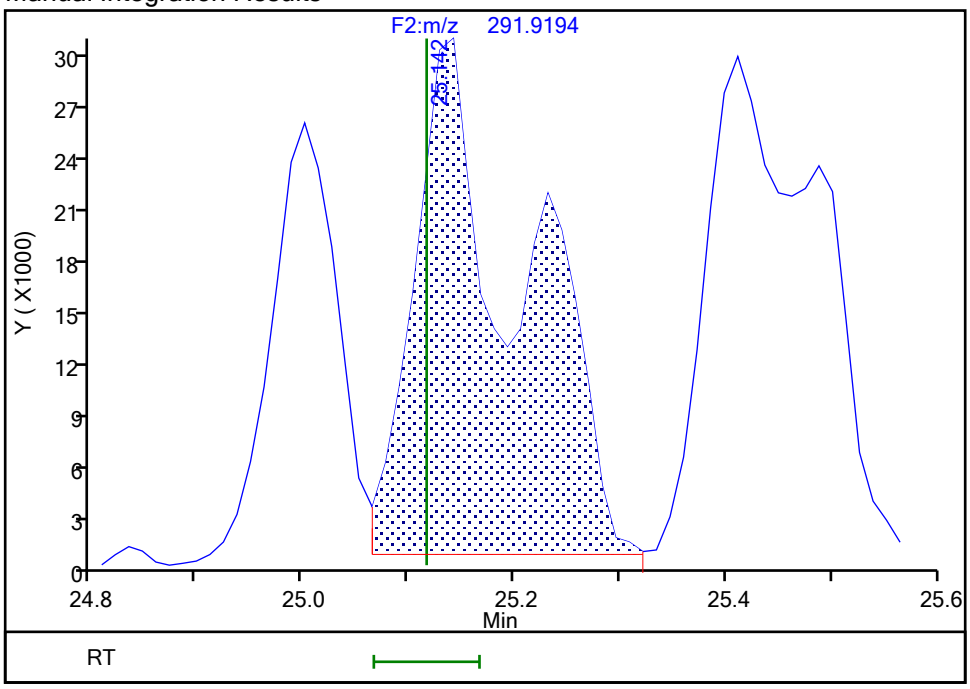
Processing Integration Results

RT: 25.14
Area: 124470
Amount: 2.005590
Amount Units: pg/ul



Manual Integration Results

RT: 25.14
Area: 205628
Amount: 1.903927
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:44:33
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

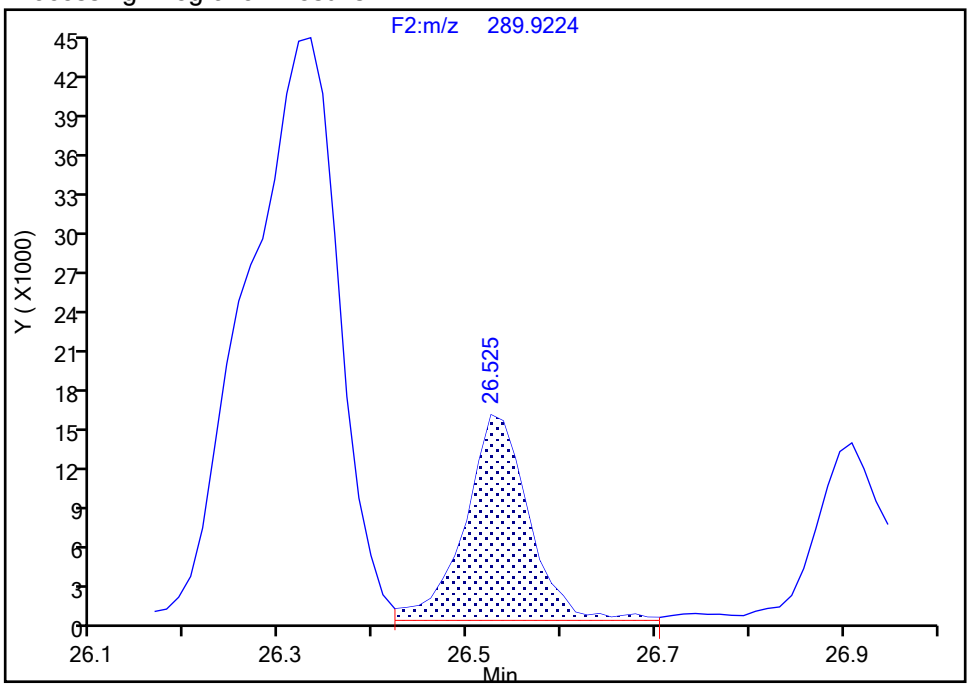
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-42, CAS: 36559-22-5

Signal: 1

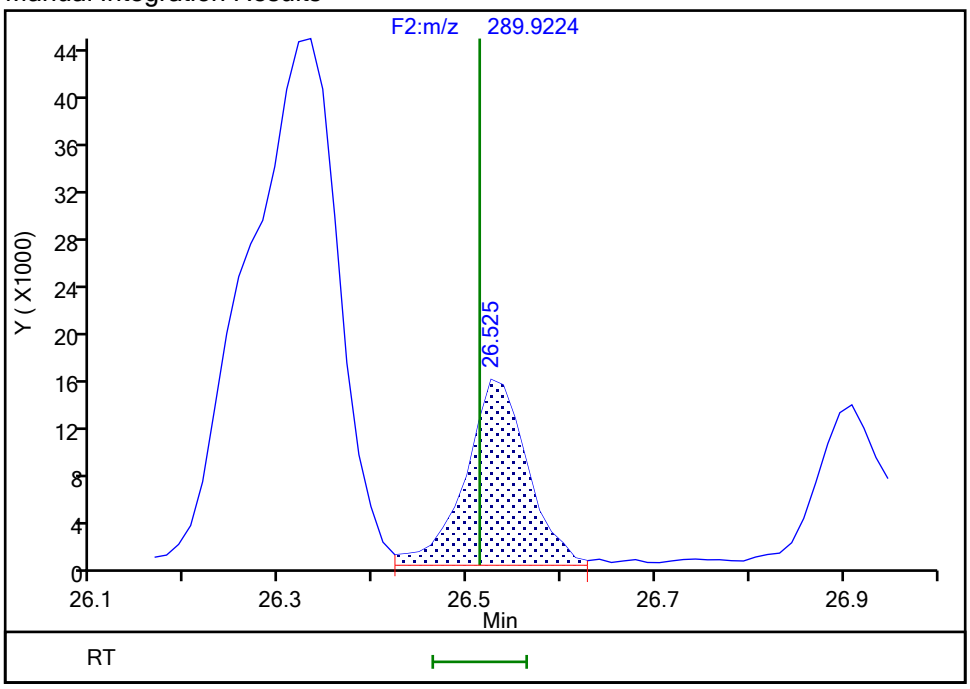
Processing Integration Results

RT: 26.52
Area: 72975
Amount: 0.971774
Amount Units: pg/ul



Manual Integration Results

RT: 26.52
Area: 71337
Amount: 0.967064
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:45:09
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

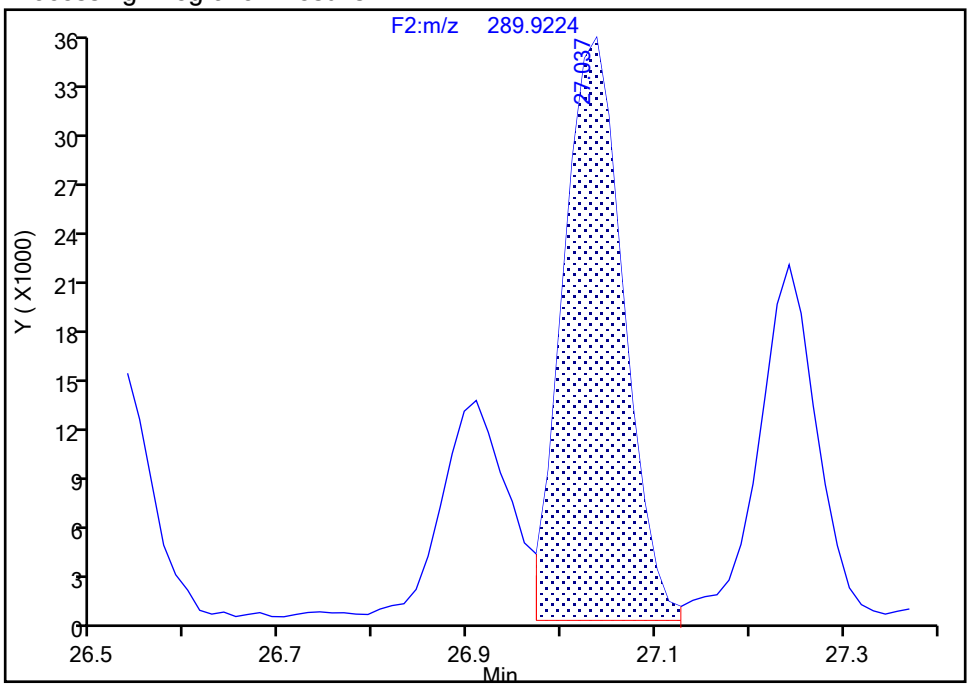
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

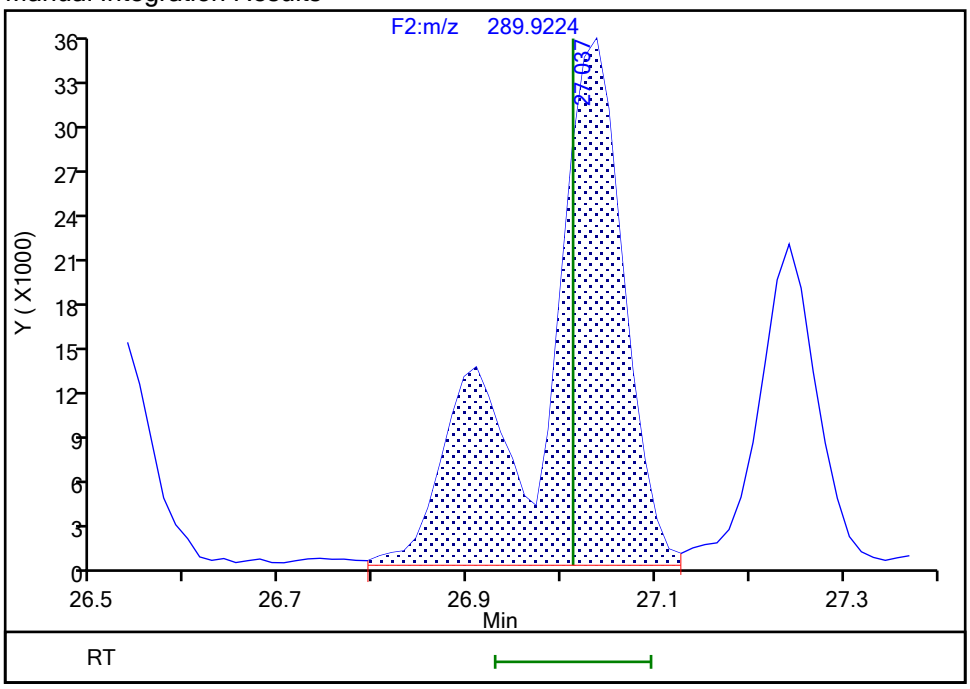
Processing Integration Results

RT: 27.04
Area: 157929
Amount: 2.838912
Amount Units: pg/ul



Manual Integration Results

RT: 27.04
Area: 223045
Amount: 2.923032
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:44:45

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

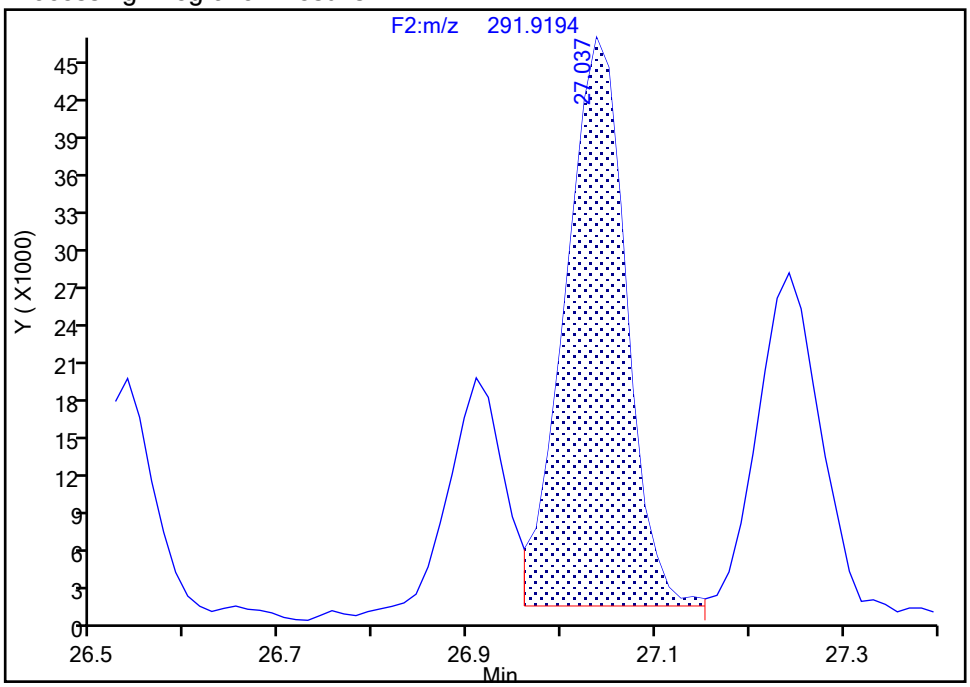
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-40/41/71, CAS: STL02292

Signal: 2

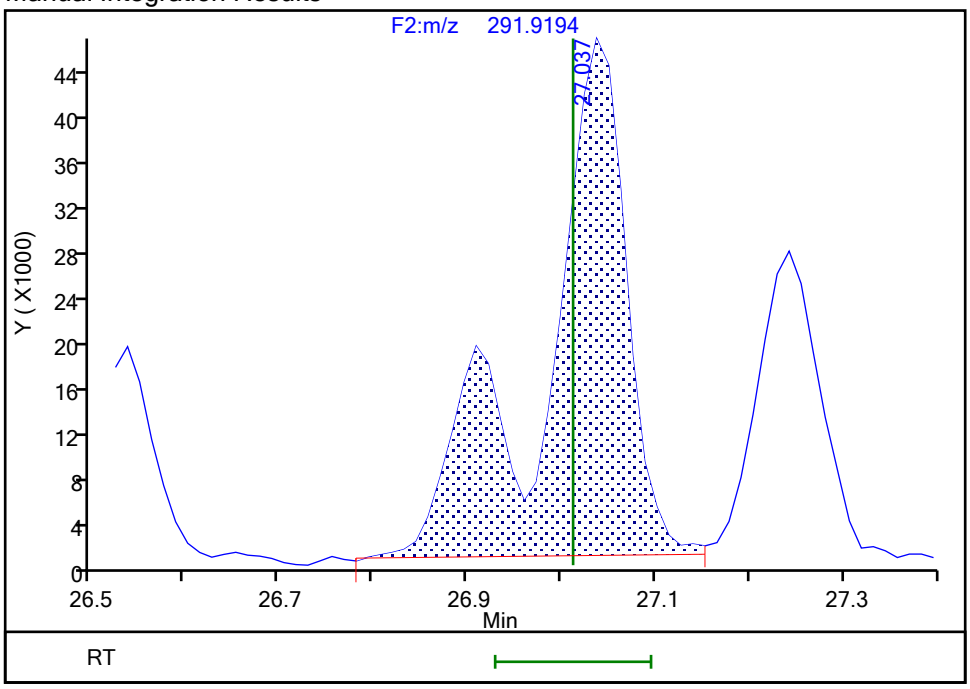
Processing Integration Results

RT: 27.04
Area: 204173
Amount: 2.838912
Amount Units: pg/ul



Manual Integration Results

RT: 27.04
Area: 282042
Amount: 2.923032
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:44:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

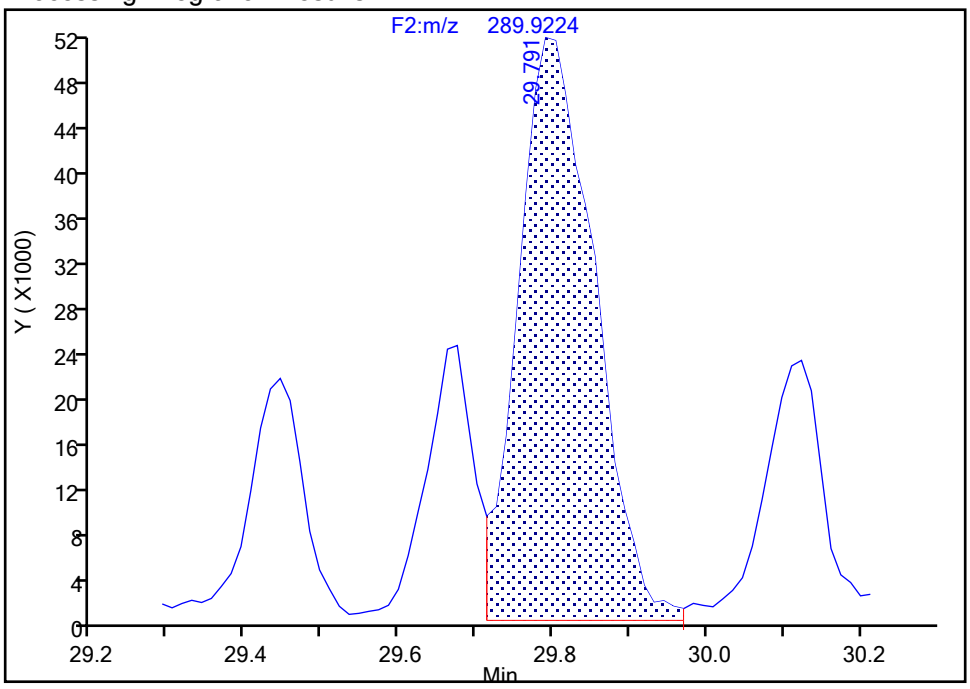
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-61/70/74/76, CAS: STL01808

Signal: 1

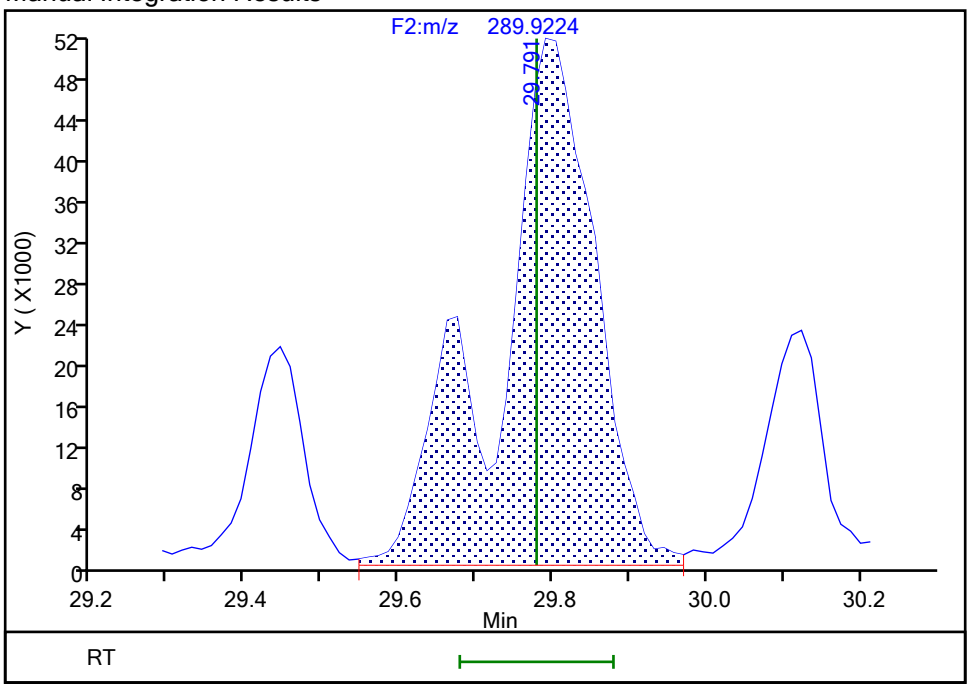
Processing Integration Results

RT: 29.79
Area: 353152
Amount: 3.801893
Amount Units: pg/ul



Manual Integration Results

RT: 29.79
Area: 456700
Amount: 3.880502
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:45:40

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

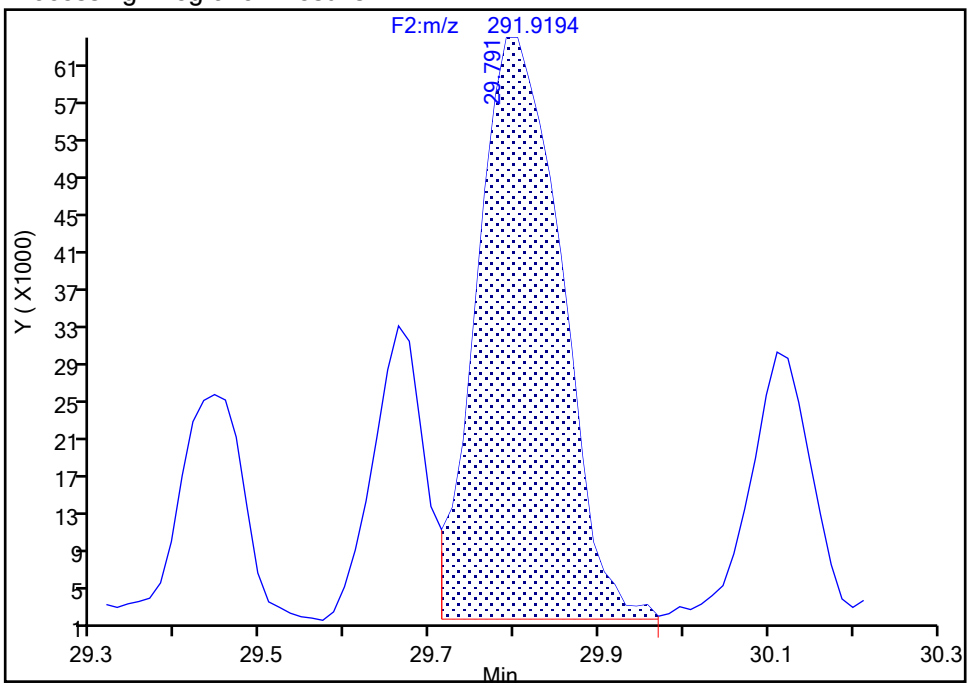
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-61/70/74/76, CAS: STL01808

Signal: 2

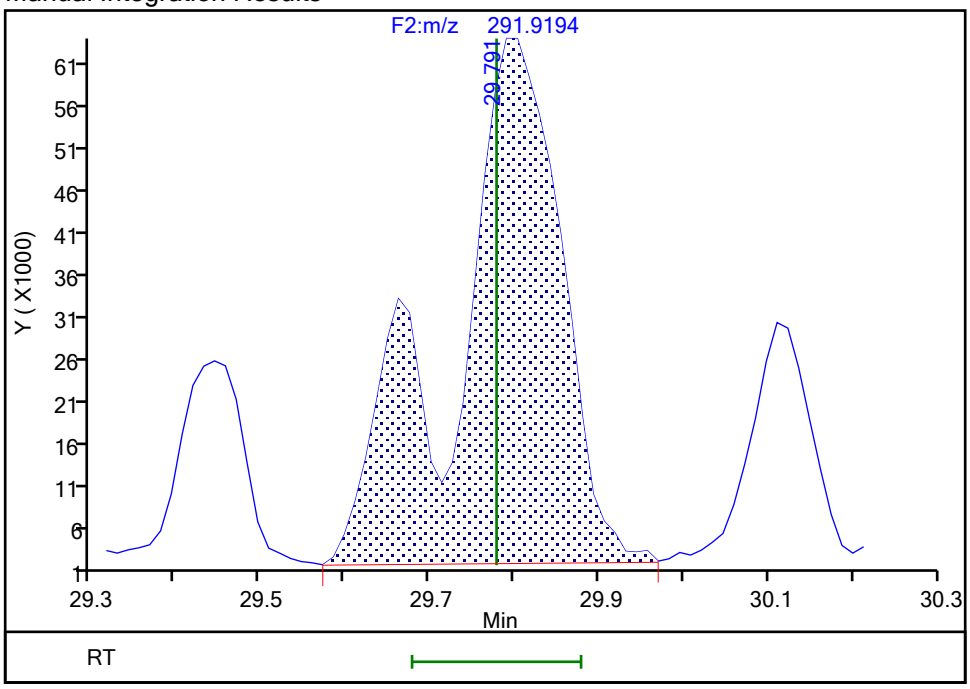
Processing Integration Results

RT: 29.79
Area: 429944
Amount: 3.801893
Amount Units: pg/ul



Manual Integration Results

RT: 29.79
Area: 559856
Amount: 3.880502
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:45:45

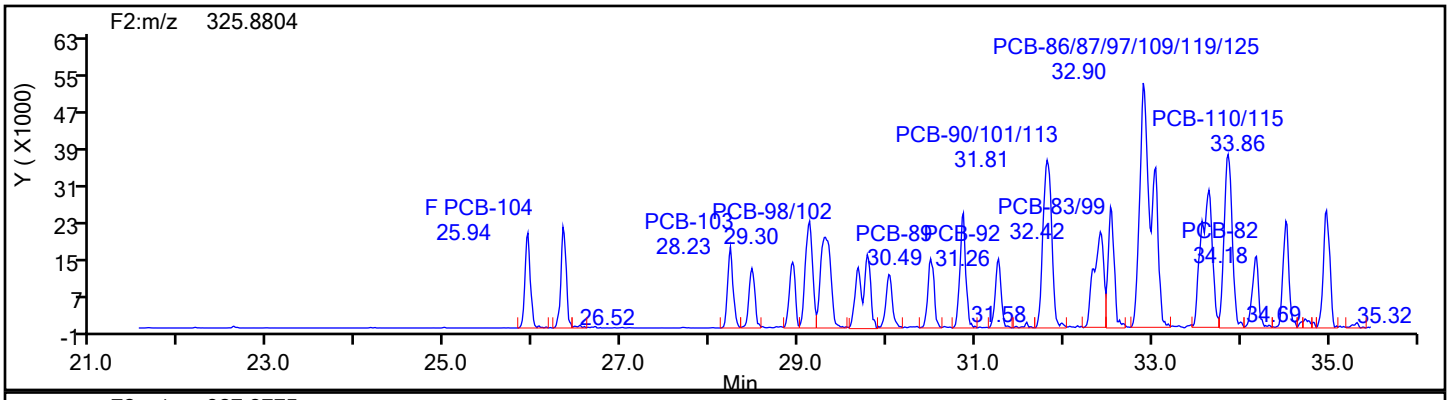
Audit Action: Manually Integrated Audit Reason: Split Peak

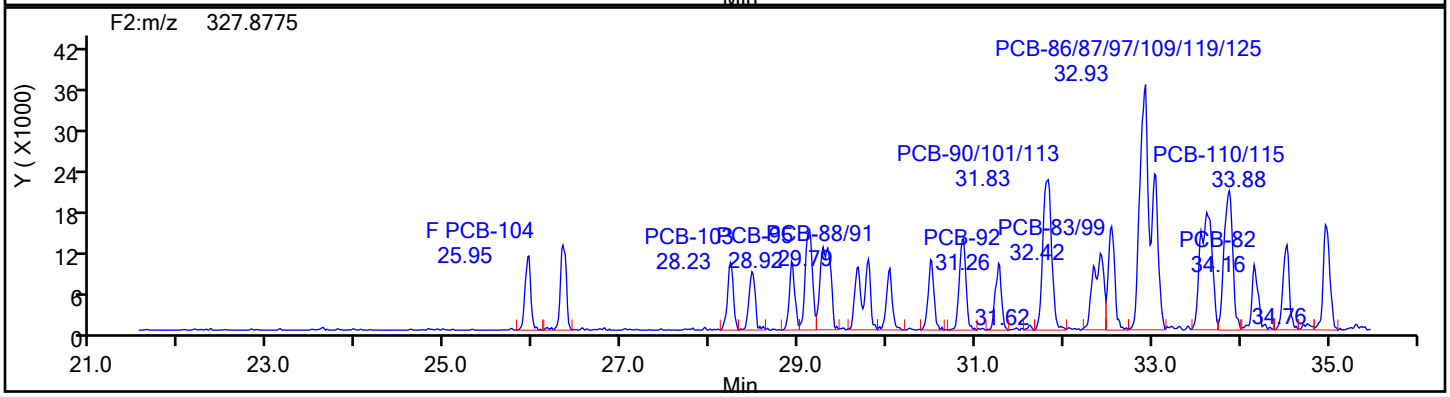
Report Date: 08-Oct-2021 19:10:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

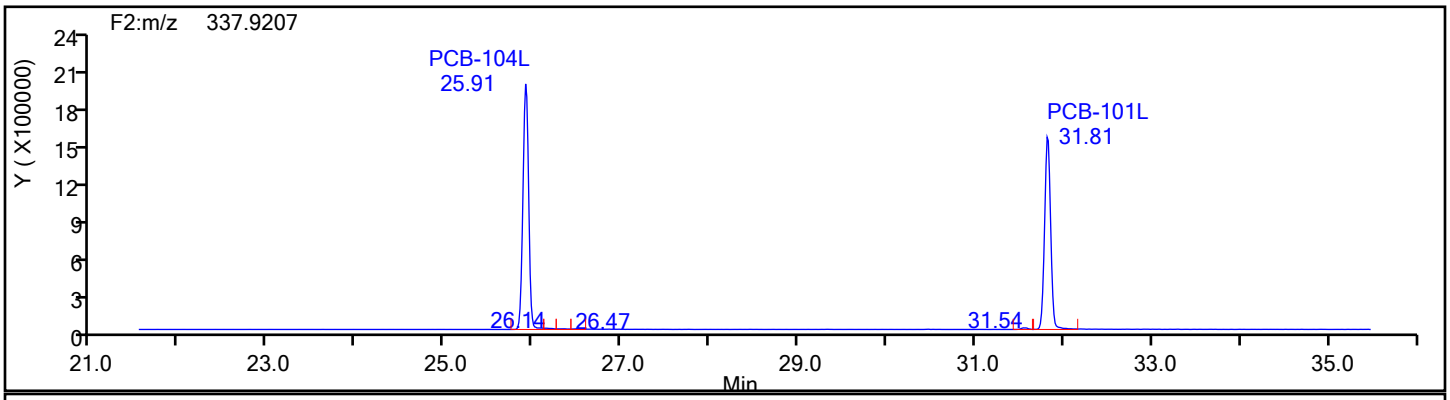
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

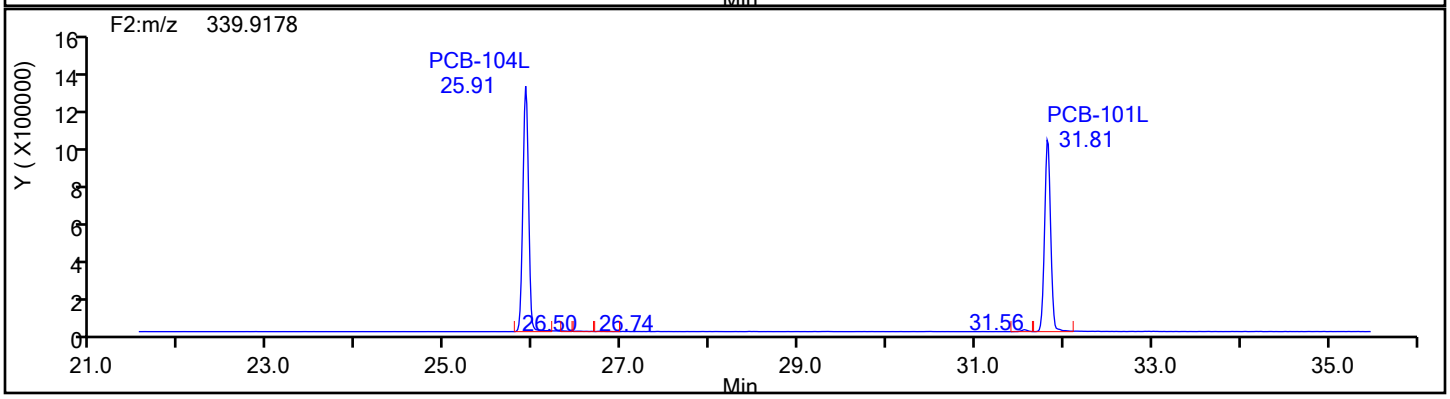
PePCB F2





PePCB F2 Standards



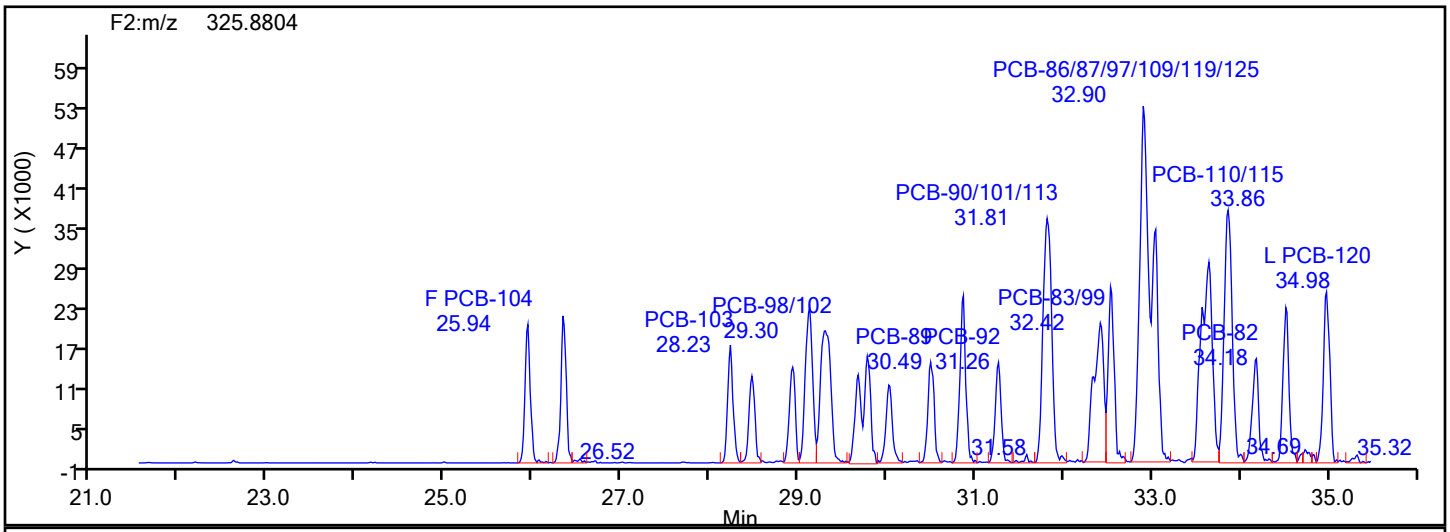


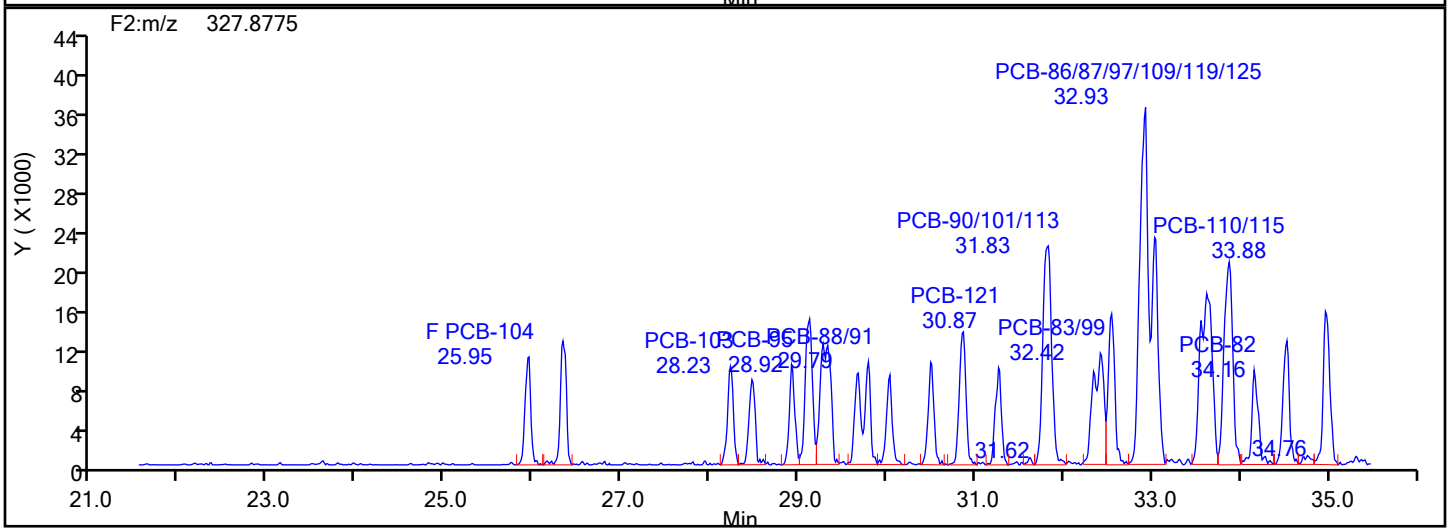
Report Date: 08-Oct-2021 19:10:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

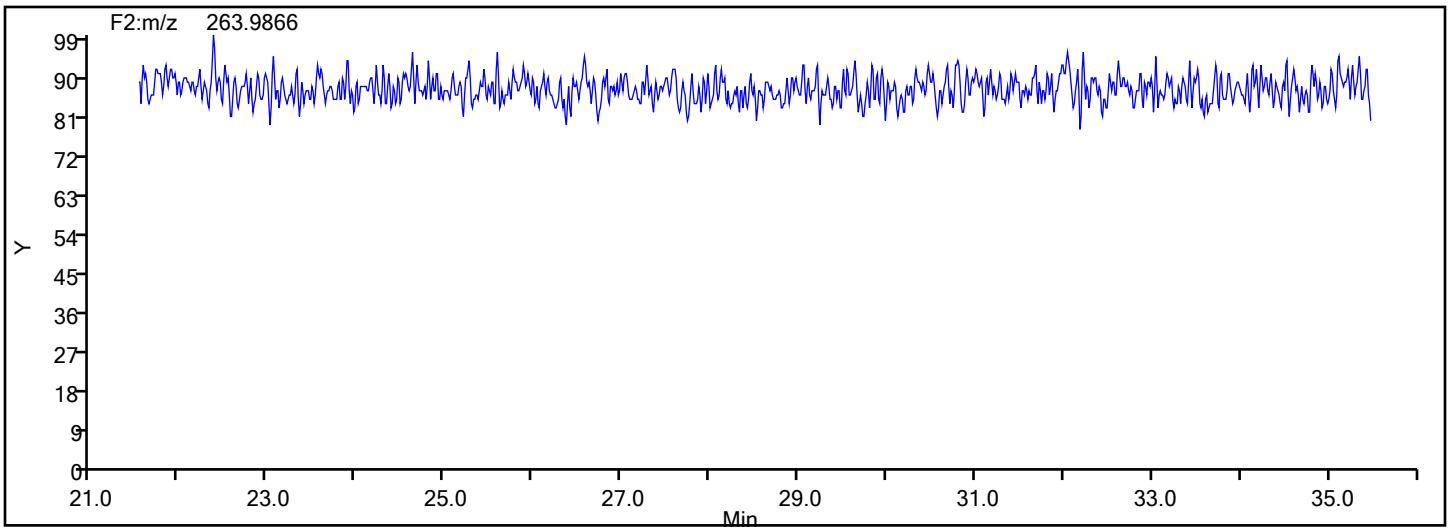
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

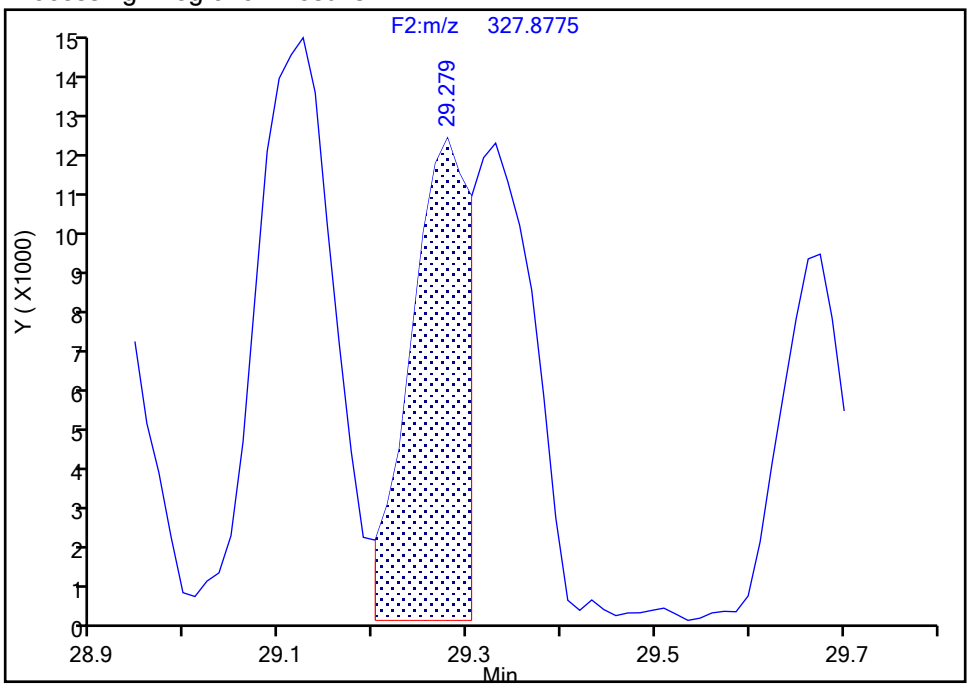
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 2

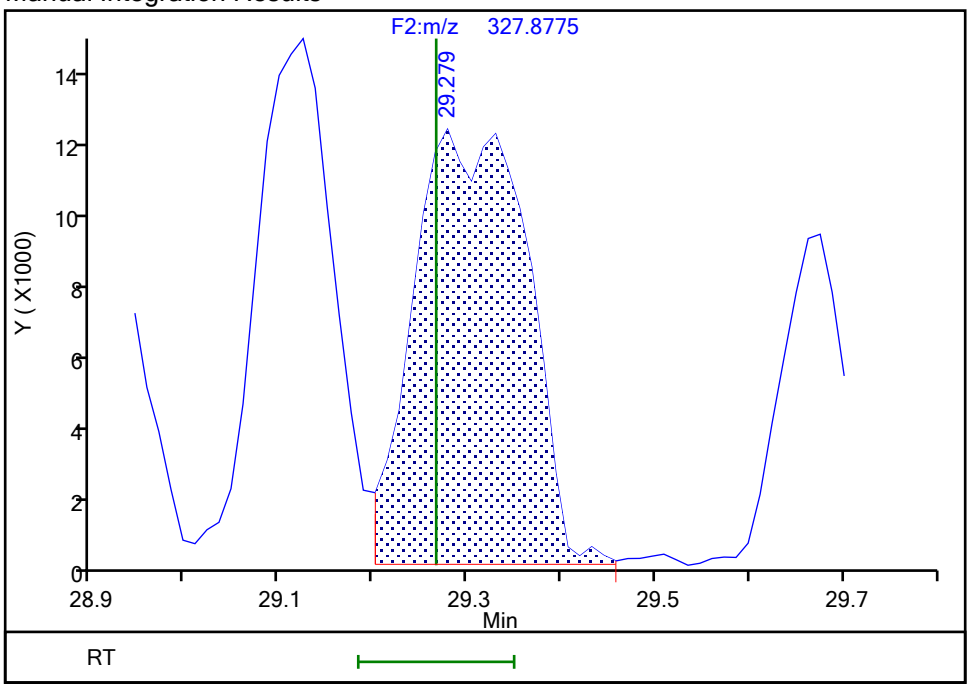
Processing Integration Results

RT: 29.28
Area: 50347
Amount: 1.969323
Amount Units: pg/ul



Manual Integration Results

RT: 29.28
Area: 102452
Amount: 1.974992
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:46:16
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

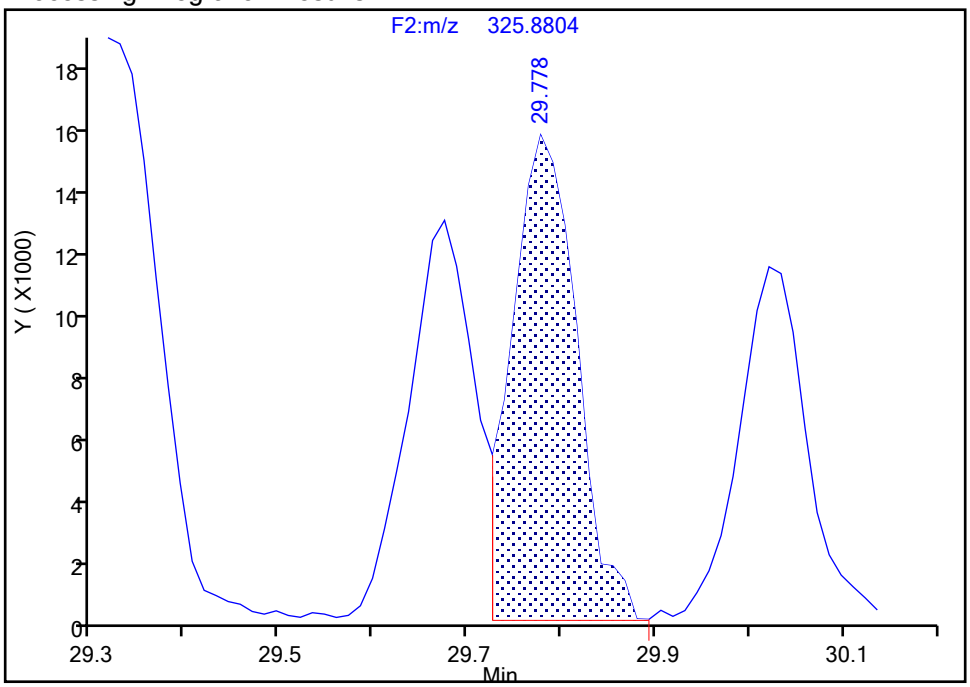
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 1

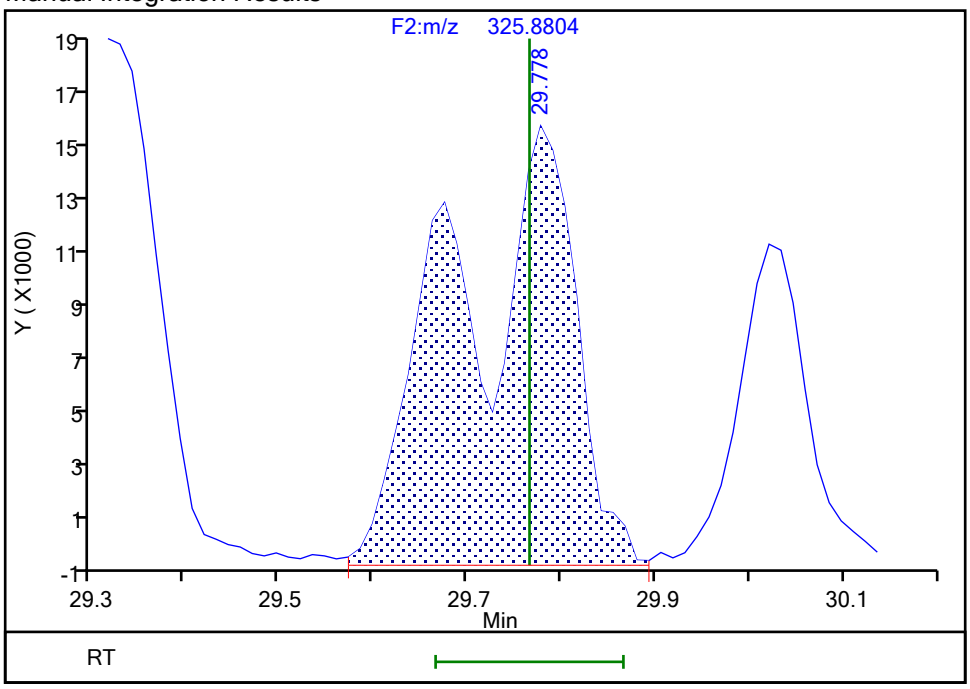
Processing Integration Results

RT: 29.78
Area: 74579
Amount: 1.950732
Amount Units: pg/ul



Manual Integration Results

RT: 29.78
Area: 139243
Amount: 1.947680
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:46:24

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

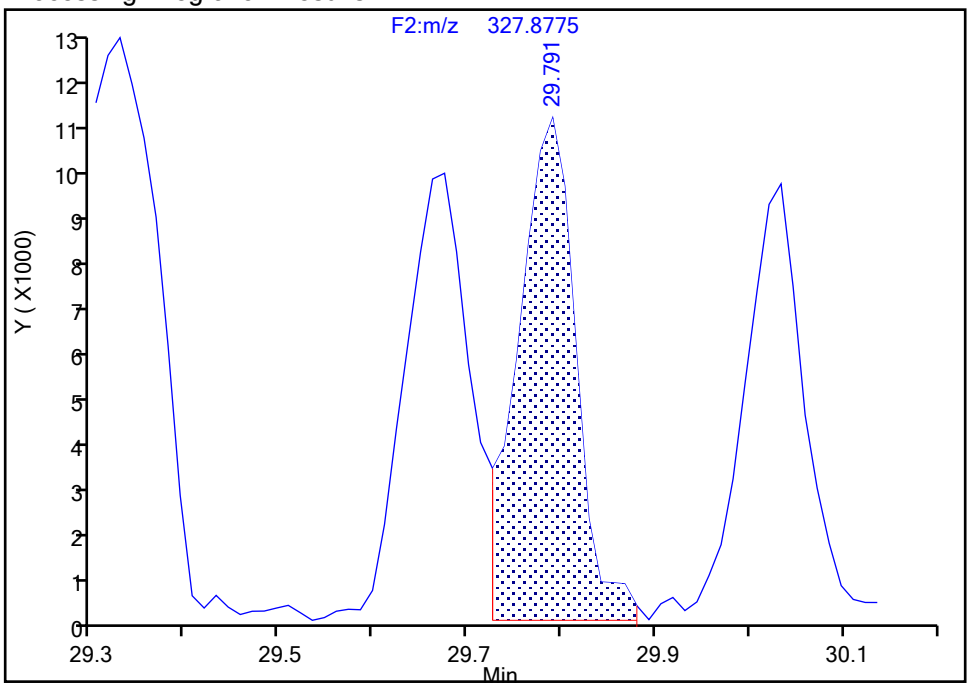
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-88/91, CAS: STL01812

Signal: 2

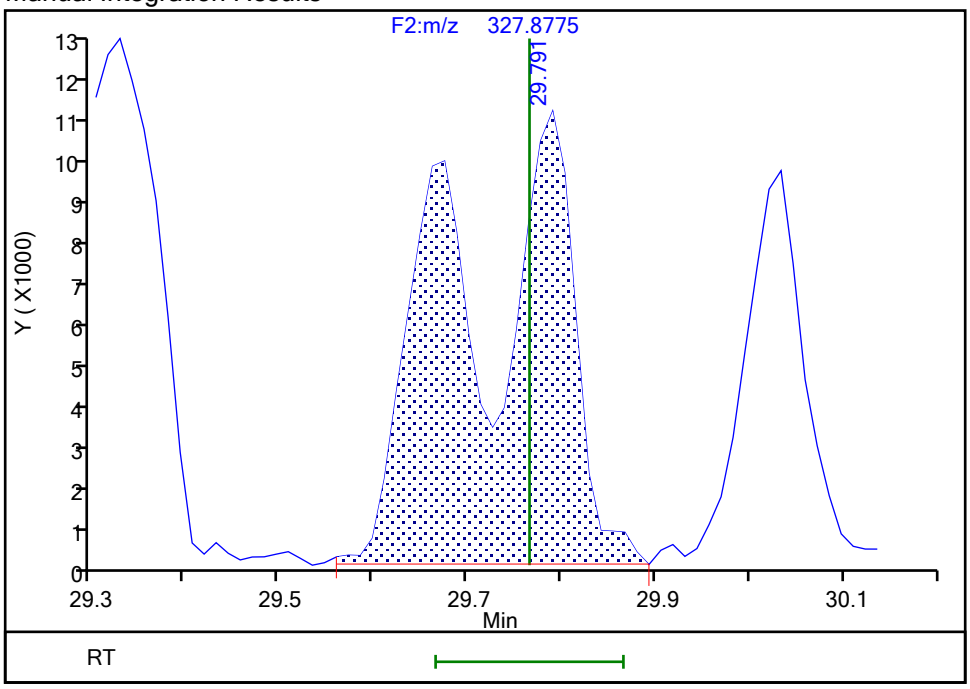
Processing Integration Results

RT: 29.79
Area: 44138
Amount: 1.950732
Amount Units: pg/ul



Manual Integration Results

RT: 29.79
Area: 87528
Amount: 1.947680
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:46:31
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

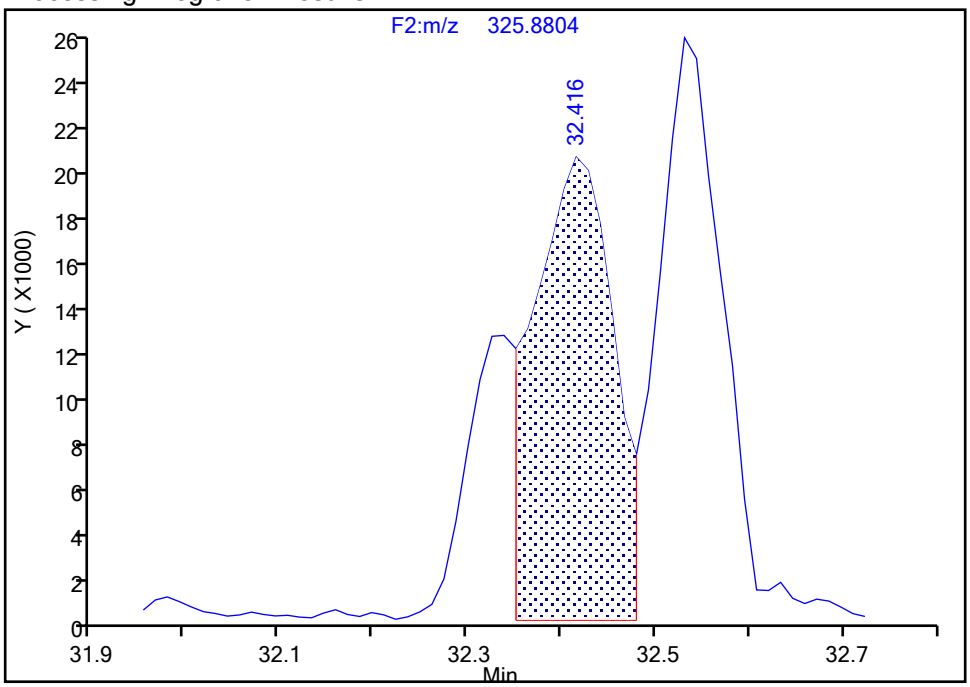
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-83/99, CAS: STL01809

Signal: 1

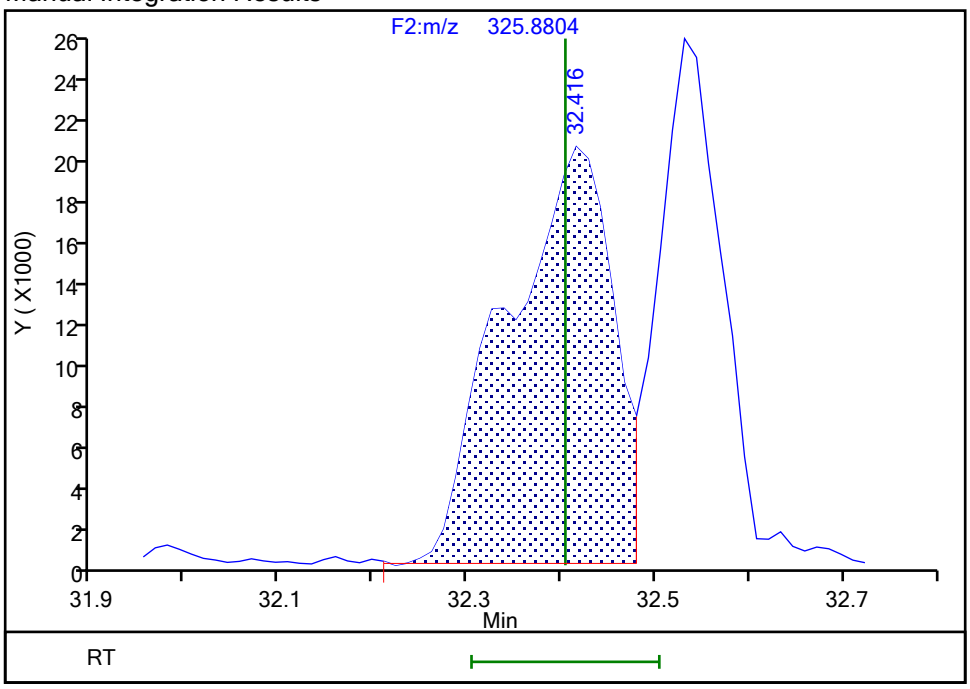
Processing Integration Results

RT: 32.42
Area: 118521
Amount: 2.100077
Amount Units: pg/ul



Manual Integration Results

RT: 32.42
Area: 160306
Amount: 1.985391
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:46:42
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

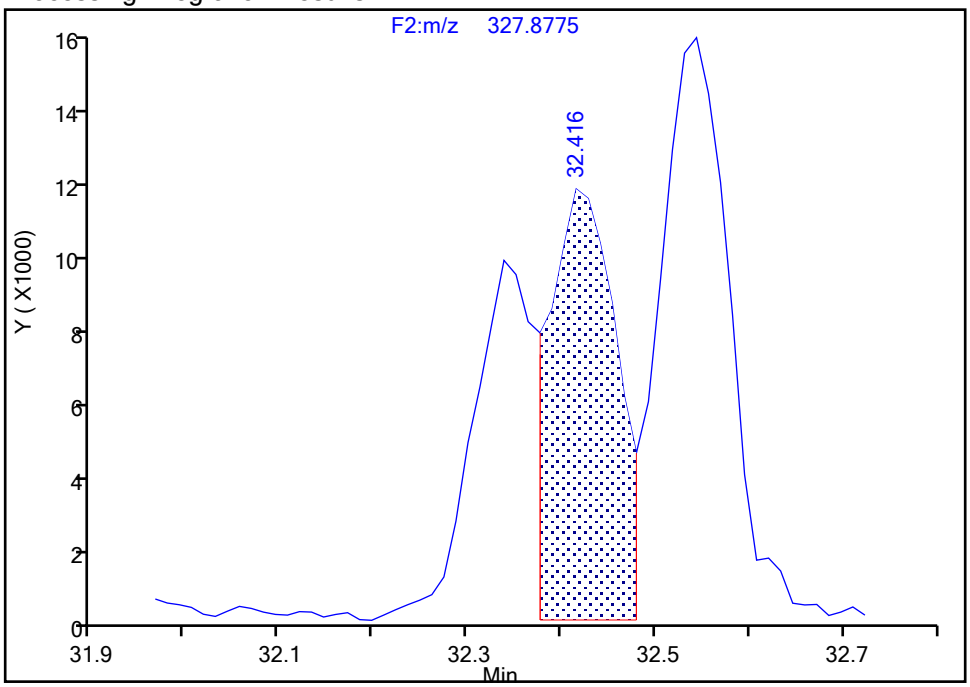
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-83/99, CAS: STL01809

Signal: 2

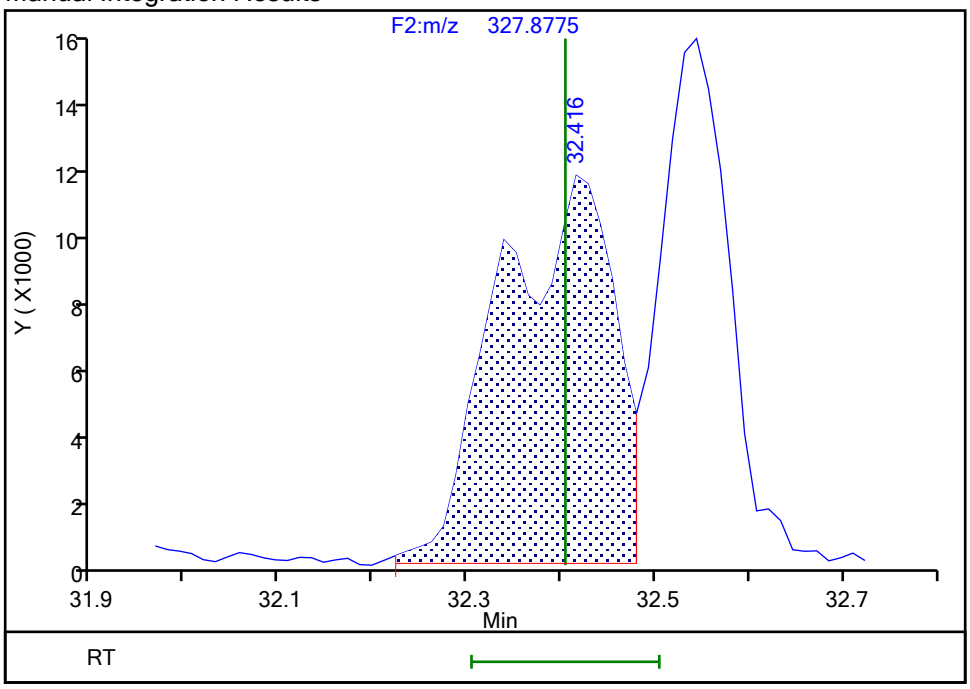
Processing Integration Results

RT: 32.42
Area: 53906
Amount: 2.100077
Amount Units: pg/ul



Manual Integration Results

RT: 32.42
Area: 94714
Amount: 1.985391
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:46:47
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

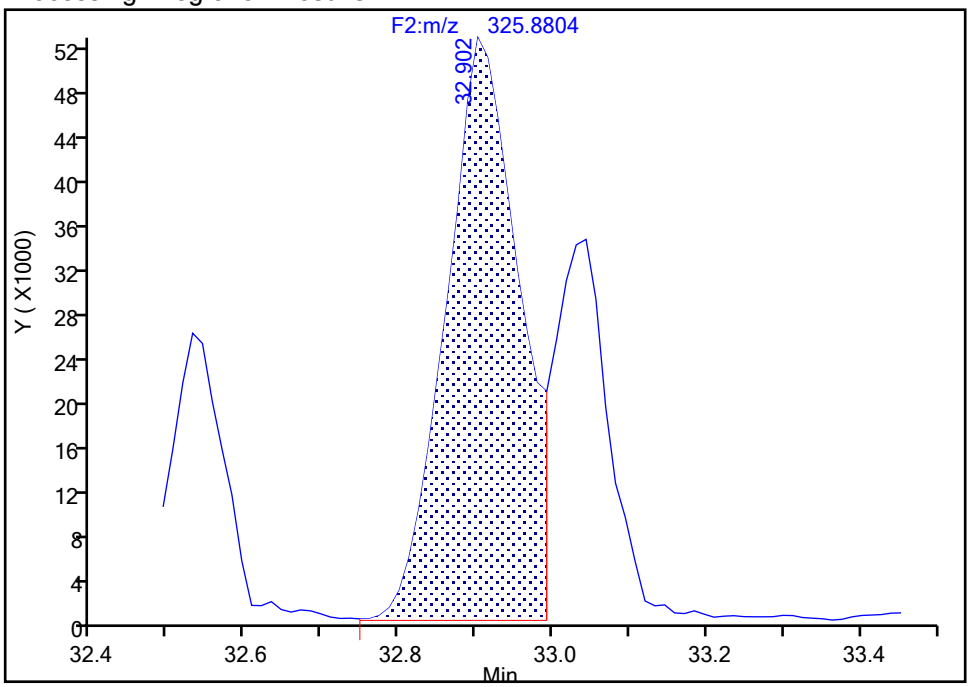
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

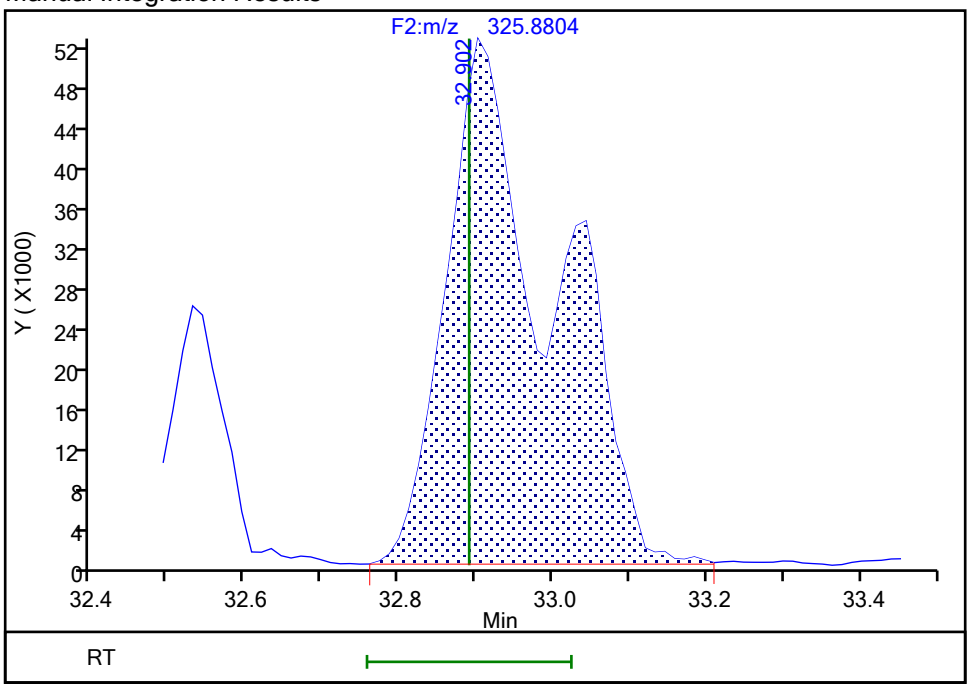
Processing Integration Results

RT: 32.90
Area: 344787
Amount: 6.084290
Amount Units: pg/ul



Manual Integration Results

RT: 32.90
Area: 507353
Amount: 5.712046
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:47:00
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

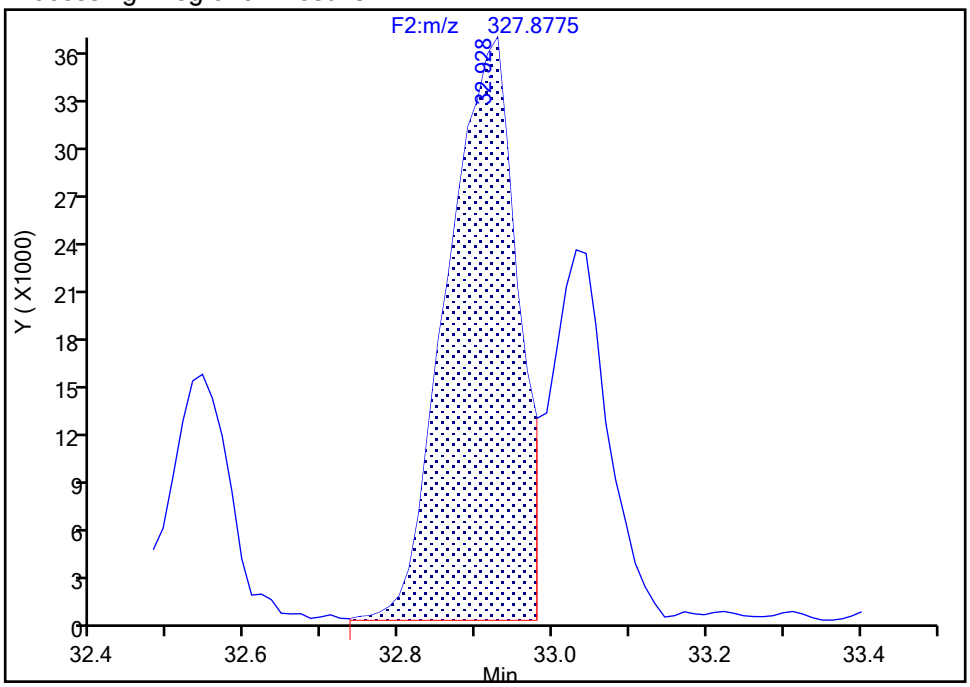
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

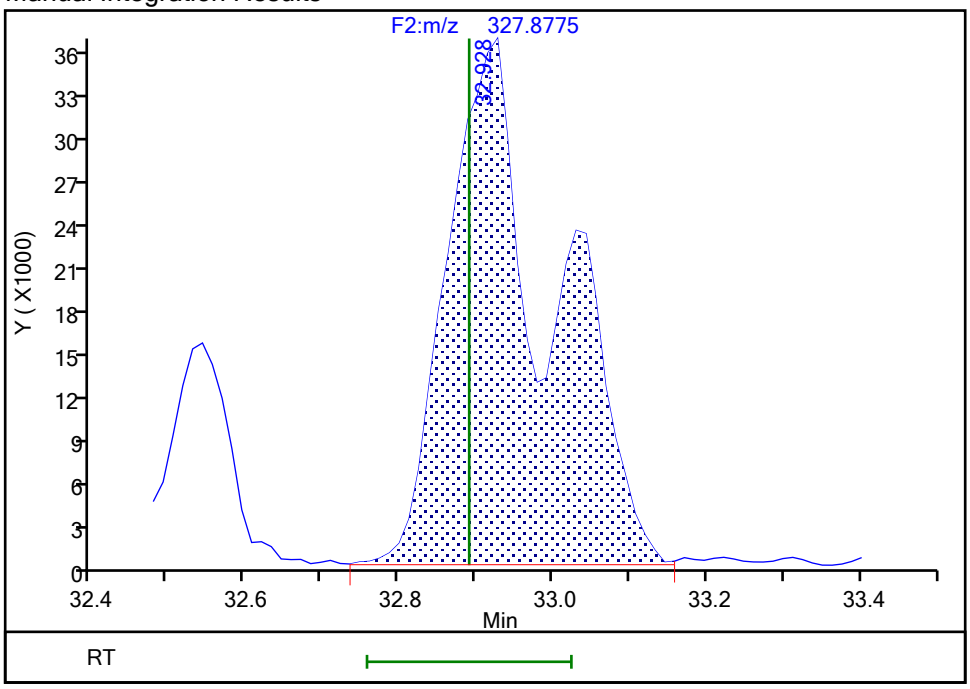
Processing Integration Results

RT: 32.93
Area: 227424
Amount: 6.084290
Amount Units: pg/ul



Manual Integration Results

RT: 32.93
Area: 345027
Amount: 5.712046
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:47:06
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

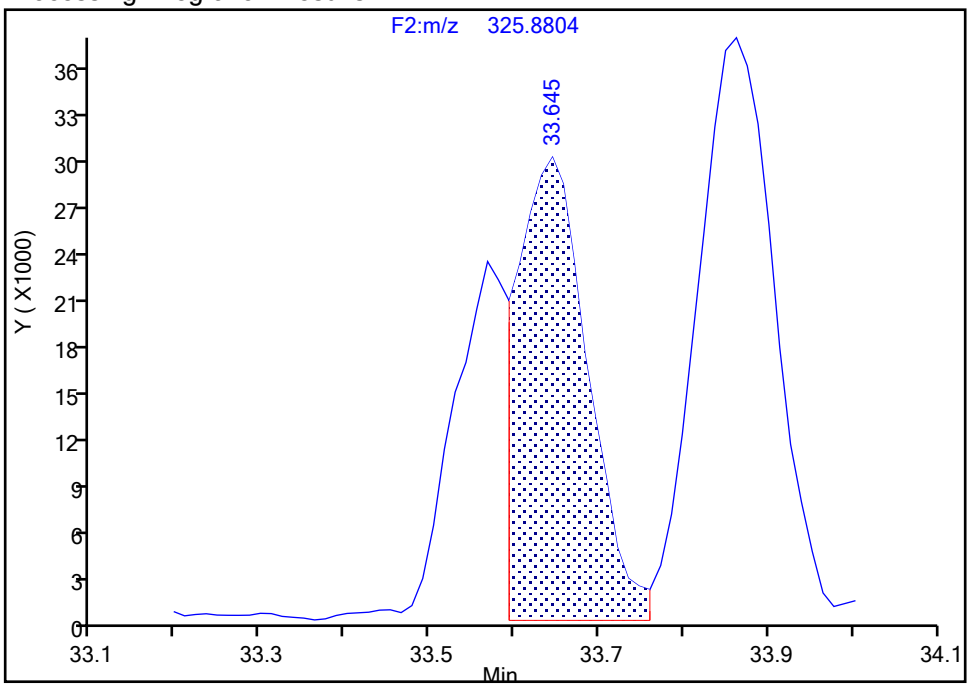
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-85/116/117, CAS: STL01810

Signal: 1

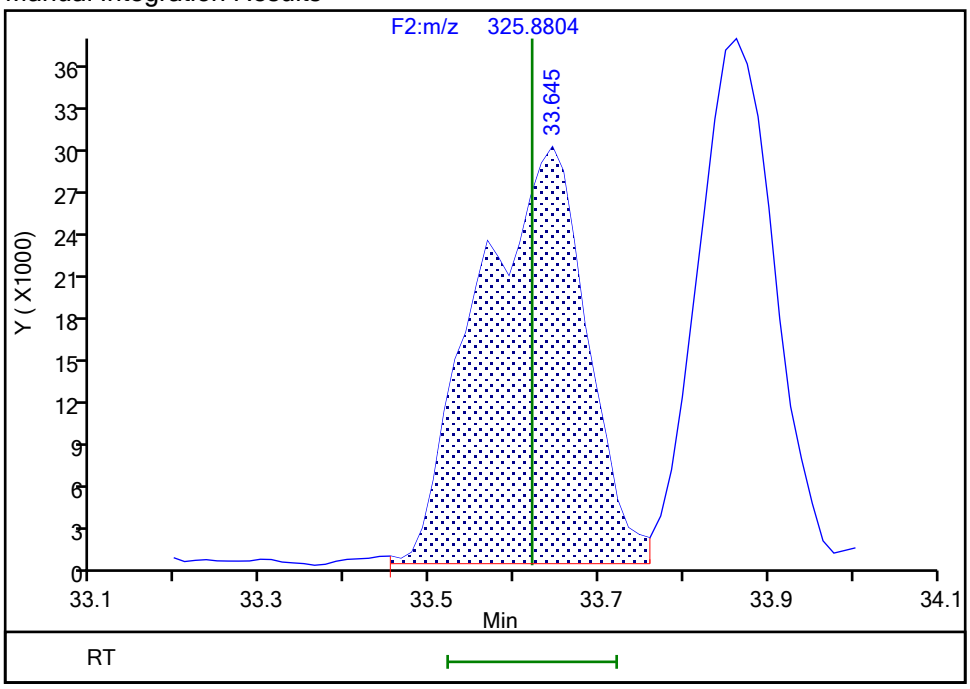
Processing Integration Results

RT: 33.64
Area: 166745
Amount: 2.825359
Amount Units: pg/ul



Manual Integration Results

RT: 33.64
Area: 261601
Amount: 2.865573
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:47:16
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

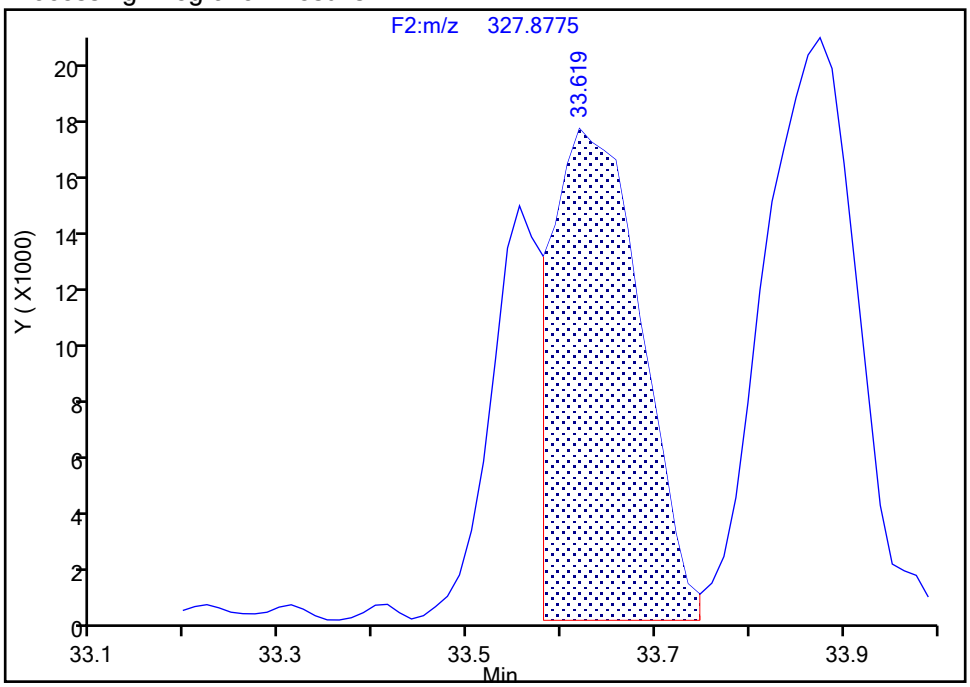
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-85/116/117, CAS: STL01810

Signal: 2

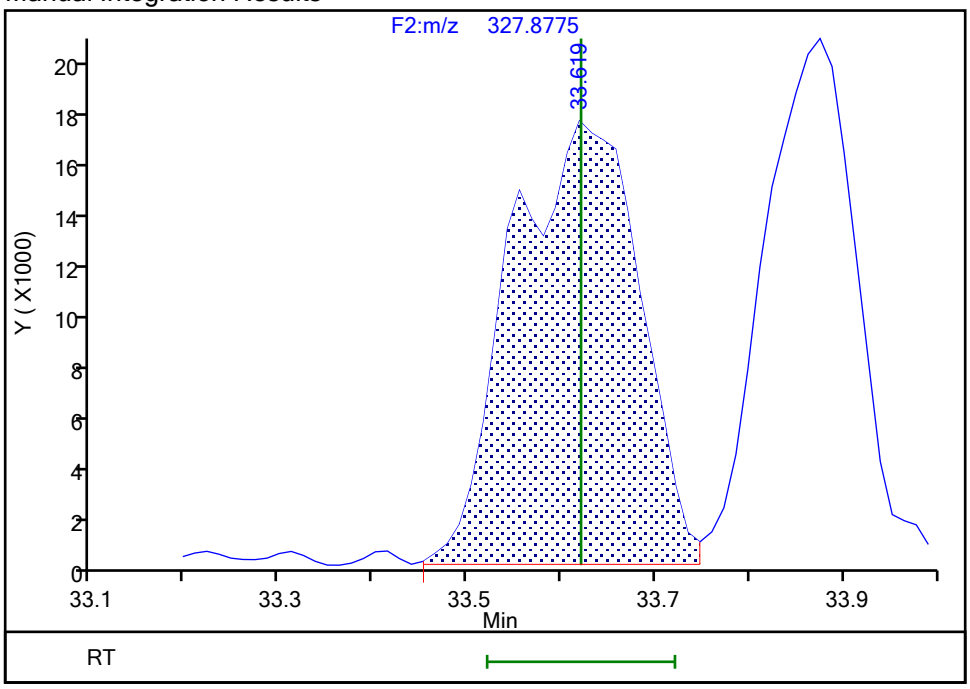
Processing Integration Results

RT: 33.62
Area: 112452
Amount: 2.825359
Amount Units: pg/ul



Manual Integration Results

RT: 33.62
Area: 164137
Amount: 2.865573
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:47:22
Audit Action: Manually Integrated Audit Reason: Split Peak

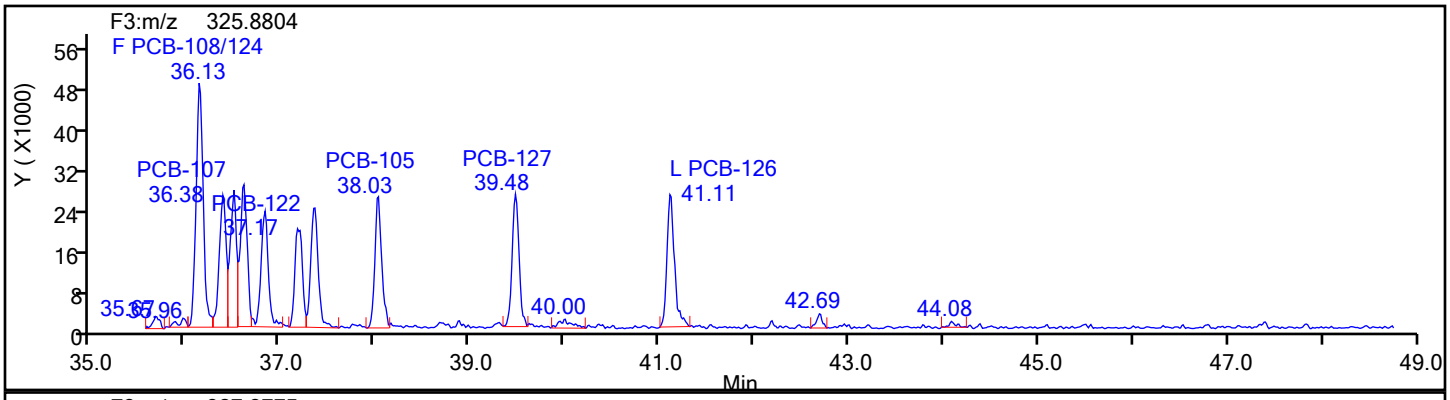
Report Date: 08-Oct-2021 19:10:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

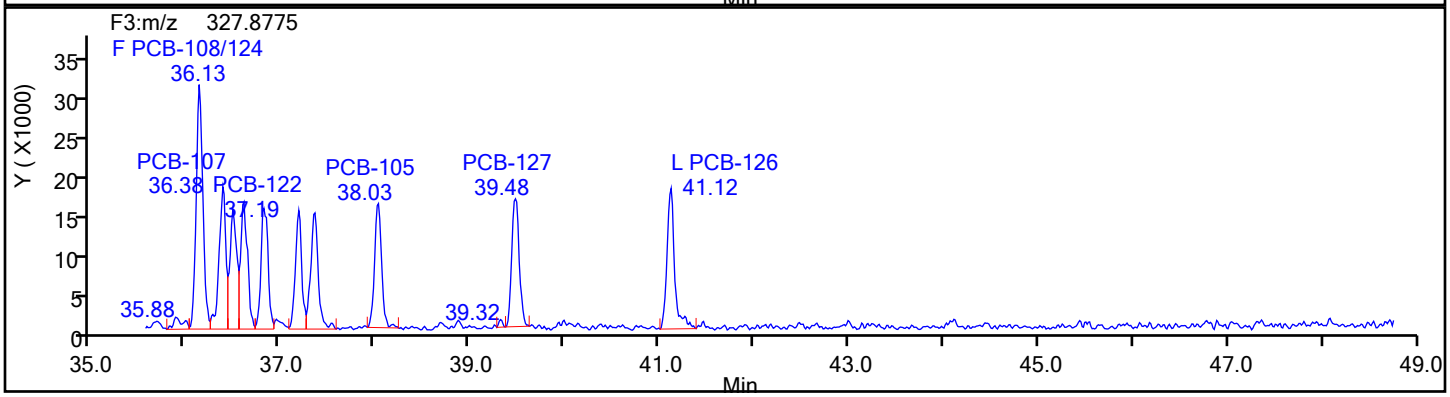
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

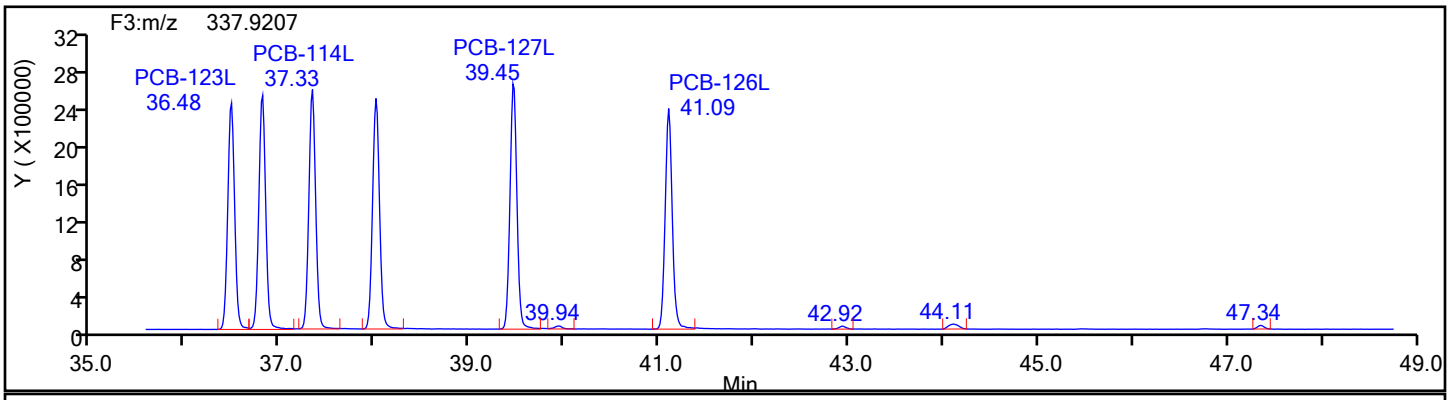
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

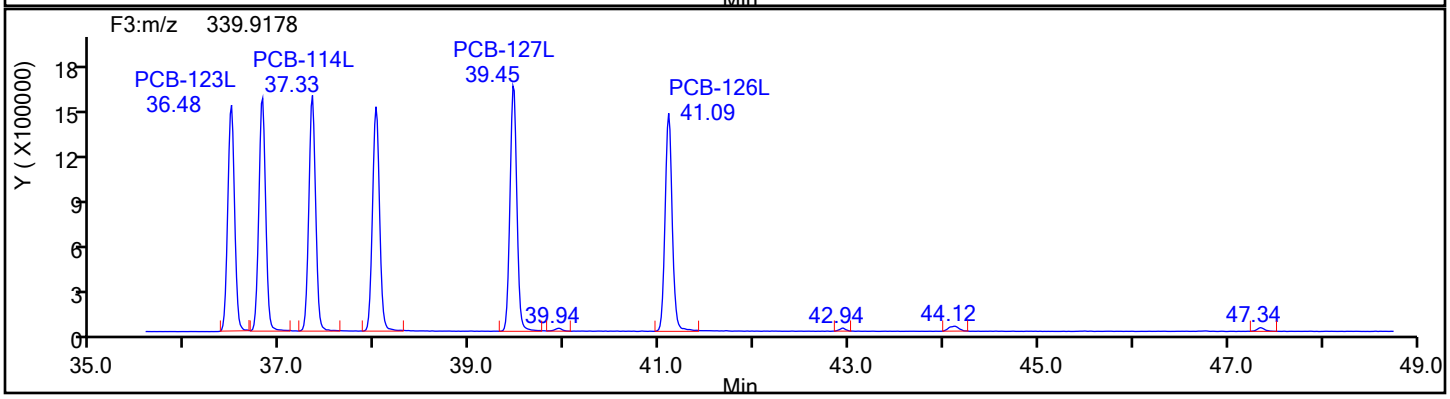
PePCB F3





PePCB F3 Standards





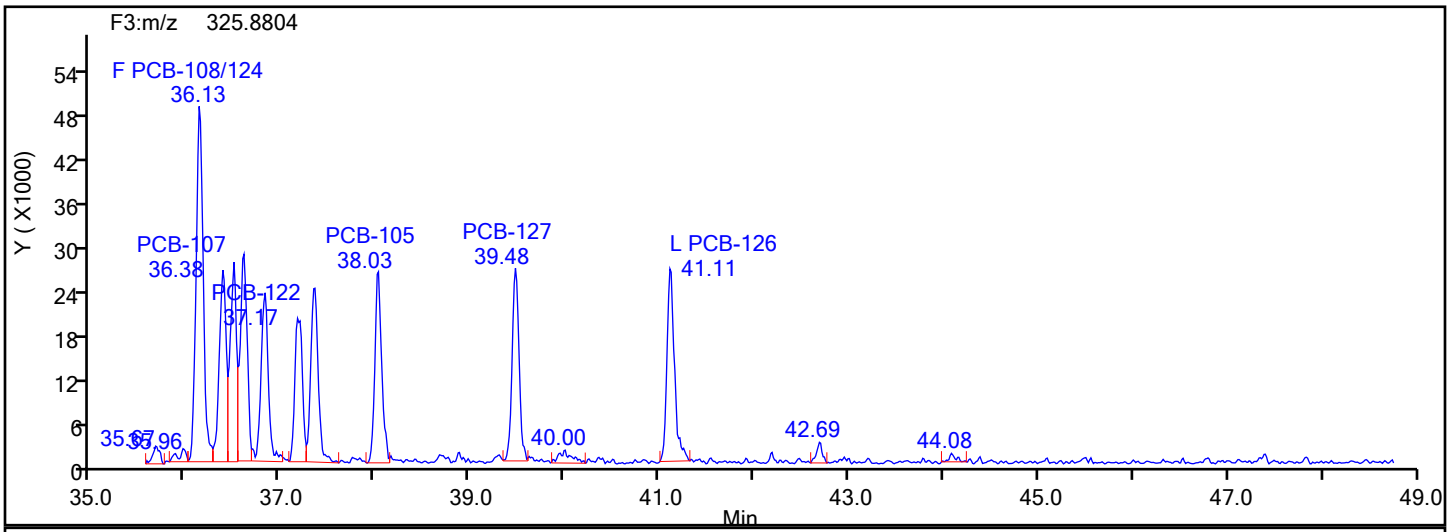
Report Date: 08-Oct-2021 19:10:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

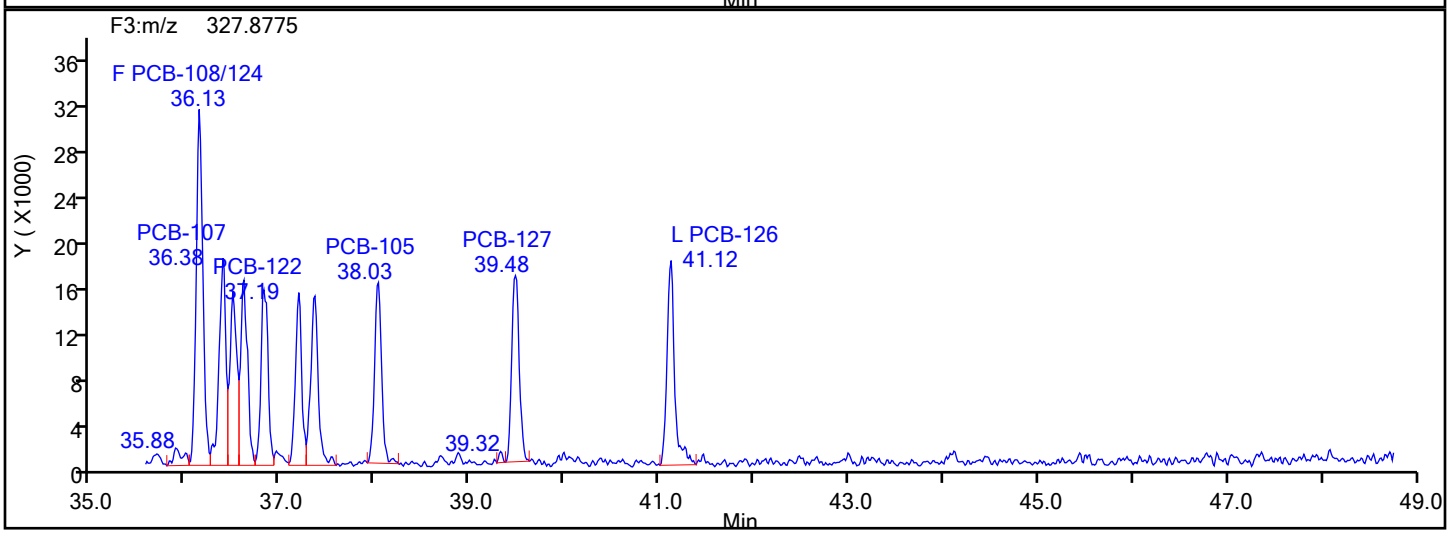
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

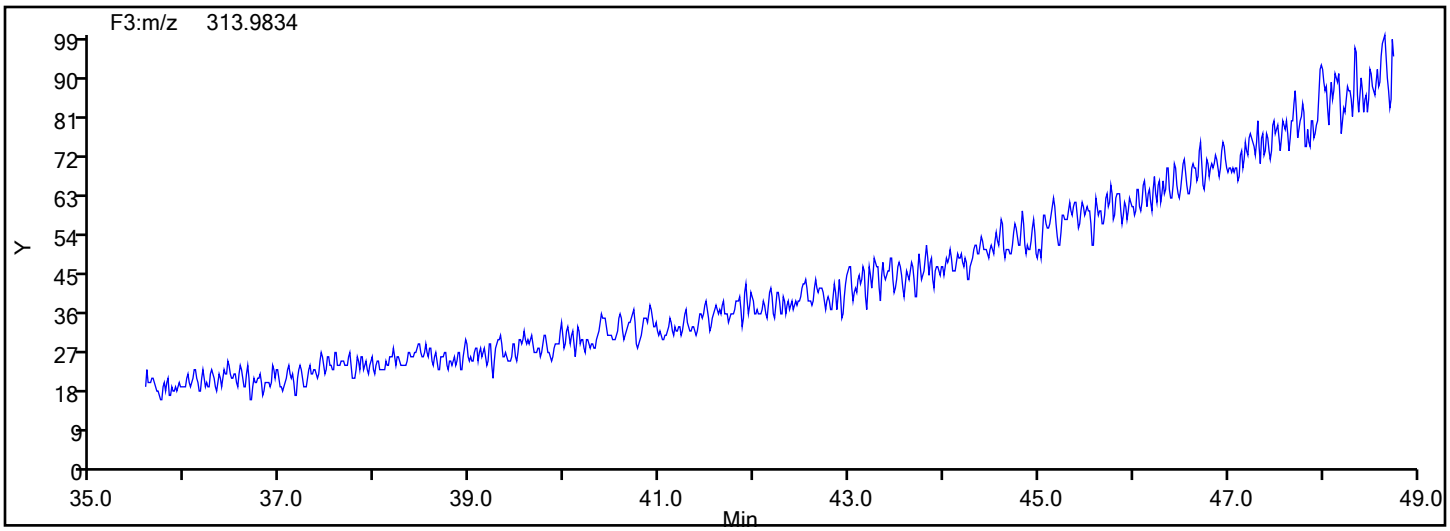
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

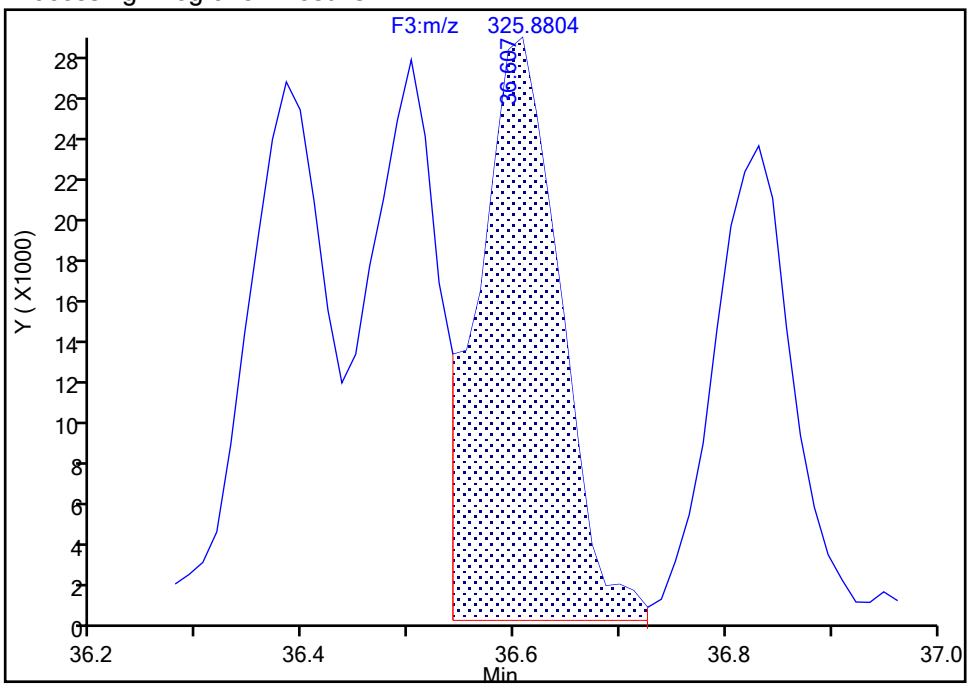
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-106, CAS: 70424-69-0

Signal: 1

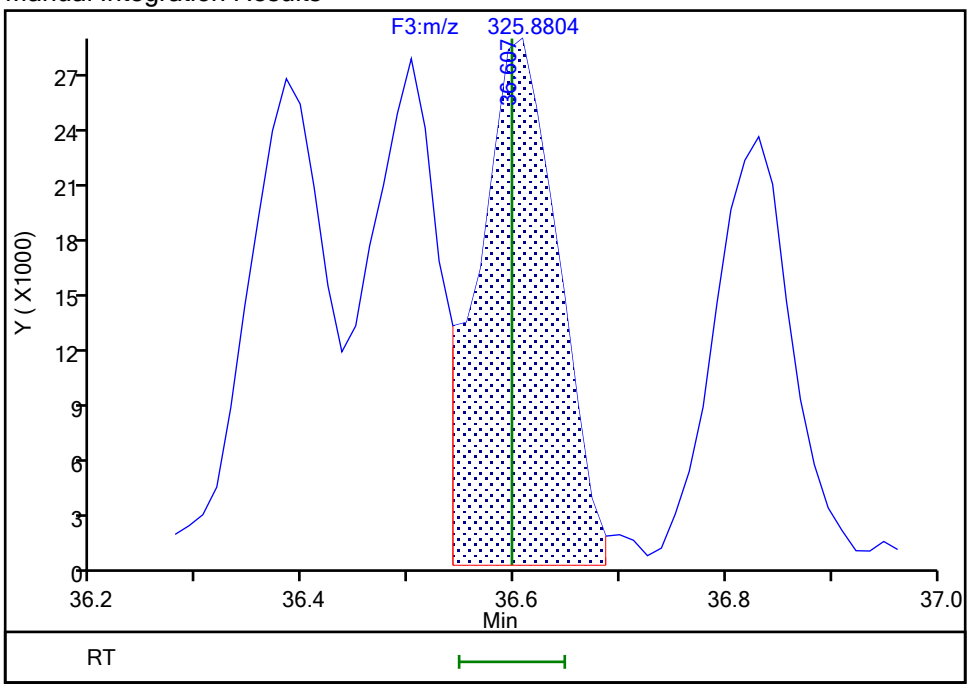
Processing Integration Results

RT: 36.61
Area: 150685
Amount: 1.008958
Amount Units: pg/ul



Manual Integration Results

RT: 36.61
Area: 146254
Amount: 0.963633
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:47:40
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

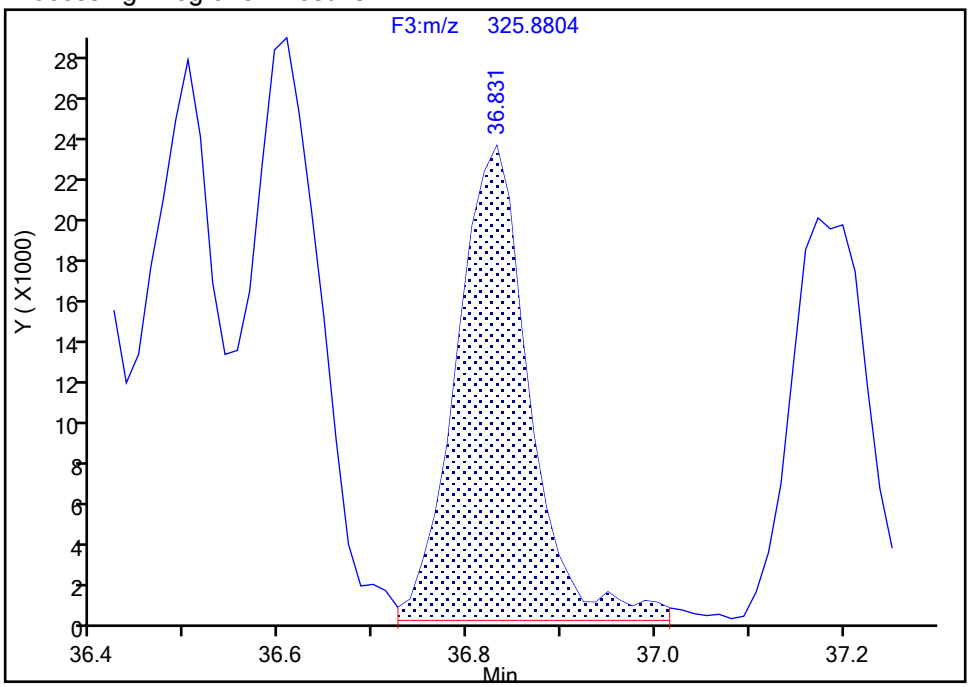
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-118, CAS: 31508-00-6

Signal: 1

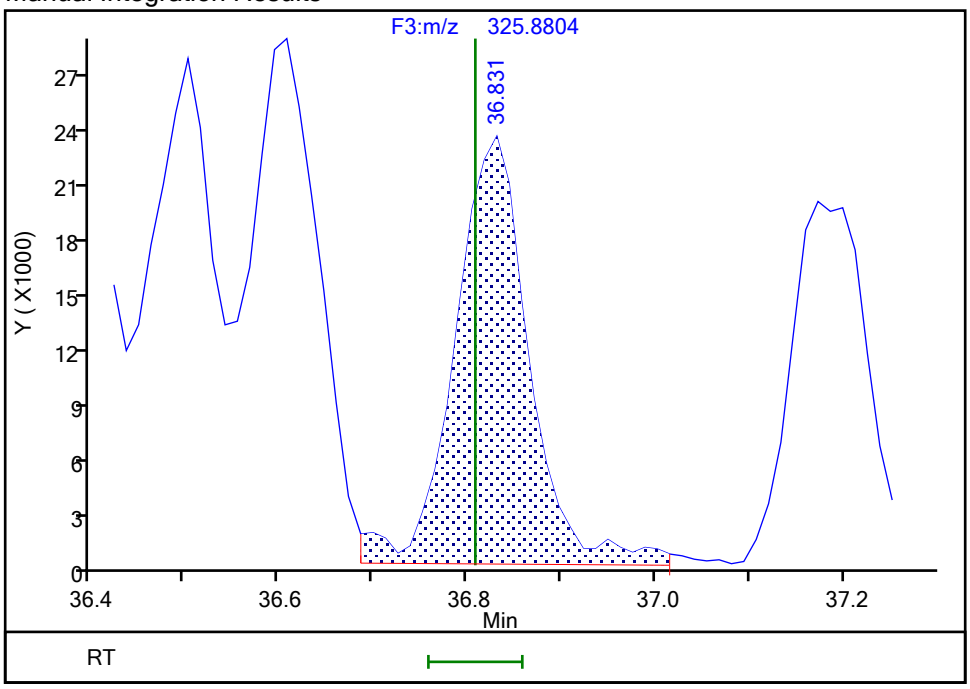
Processing Integration Results

RT: 36.83
Area: 124471
Amount: 1.026600
Amount Units: pg/ul



Manual Integration Results

RT: 36.83
Area: 126789
Amount: 0.992030
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:47:40
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

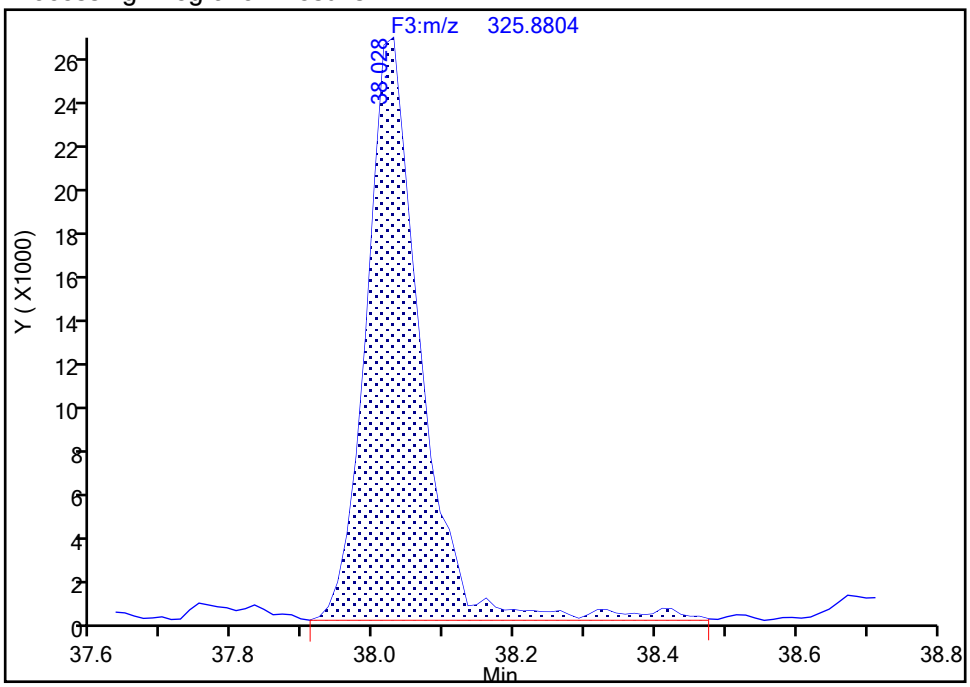
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-105, CAS: 32598-14-4

Signal: 1

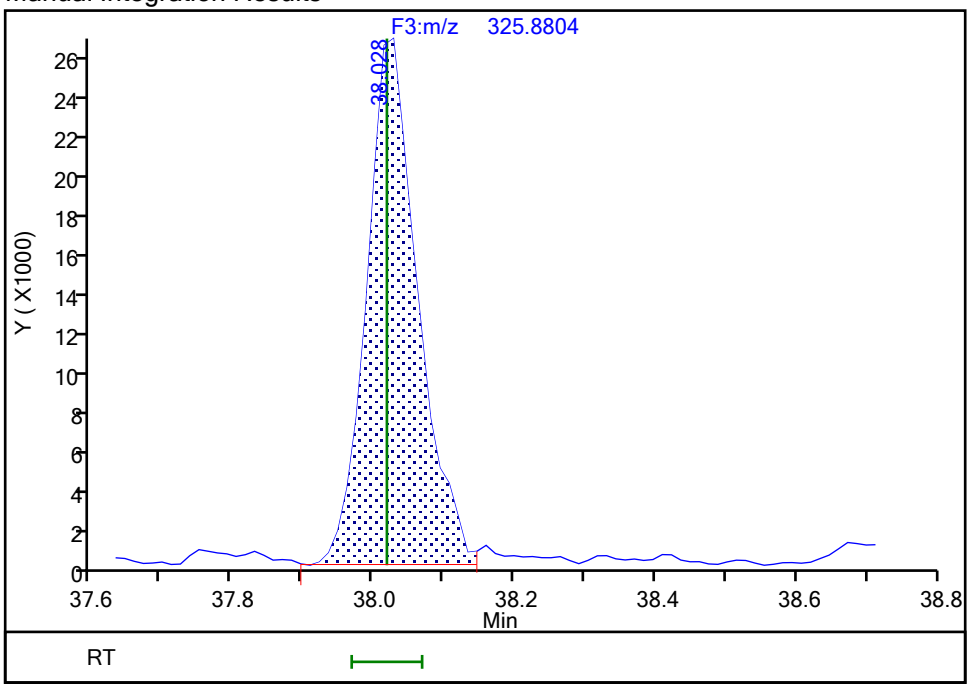
Processing Integration Results

RT: 38.03
Area: 139470
Amount: 1.028034
Amount Units: pg/ul



Manual Integration Results

RT: 38.03
Area: 131656
Amount: 0.975791
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:47:56

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

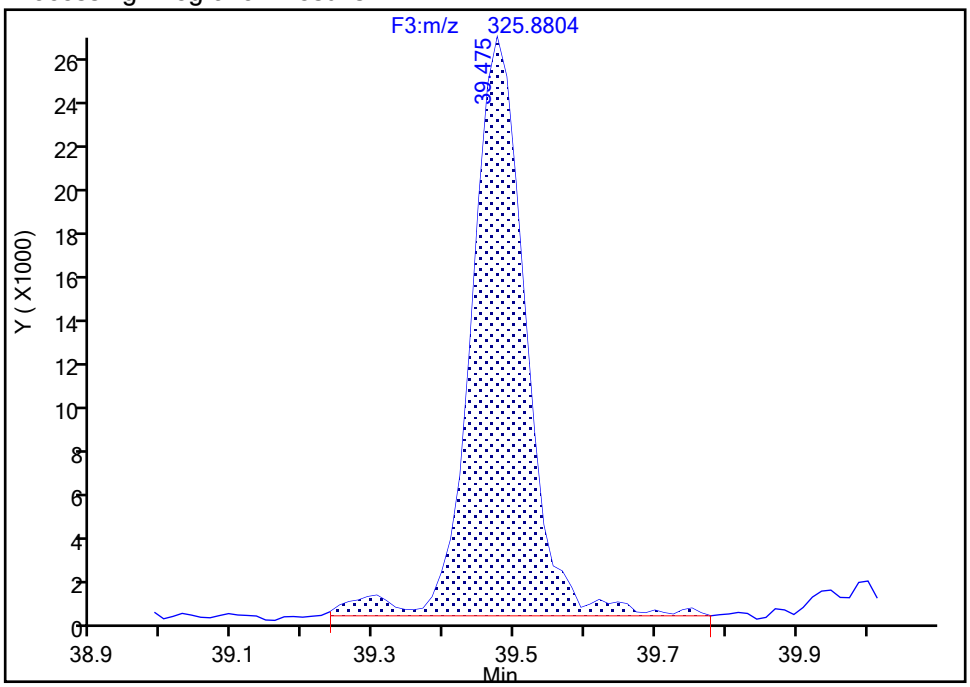
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-127, CAS: 39635-33-1

Signal: 1

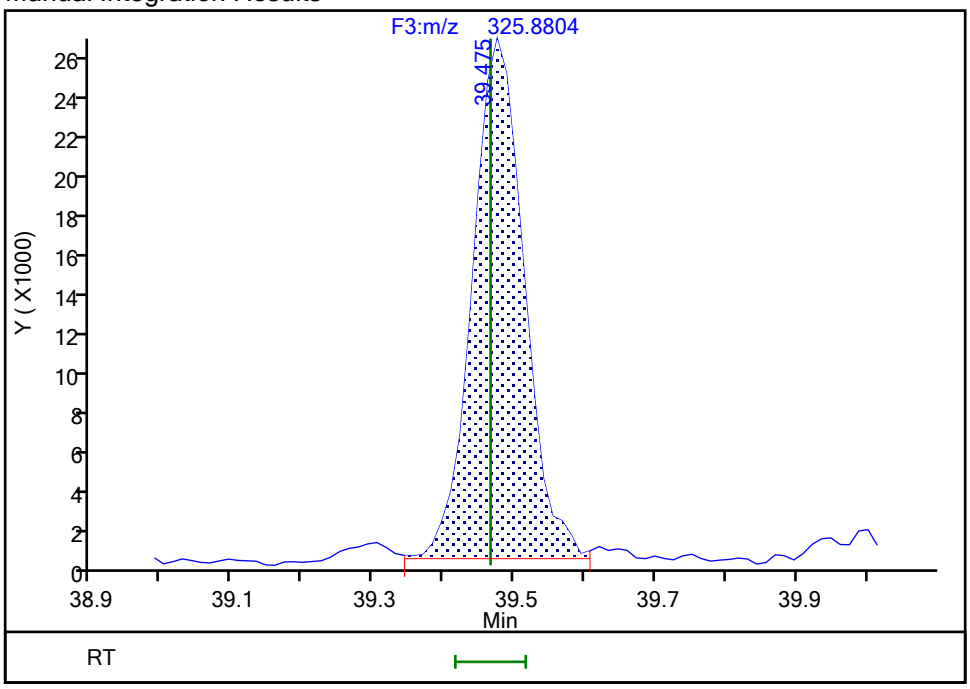
Processing Integration Results

RT: 39.48
Area: 143719
Amount: 0.988162
Amount Units: pg/ul



Manual Integration Results

RT: 39.48
Area: 134491
Amount: 0.940746
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:48:04
Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

Injection Date: 08-Oct-2021 12:38:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

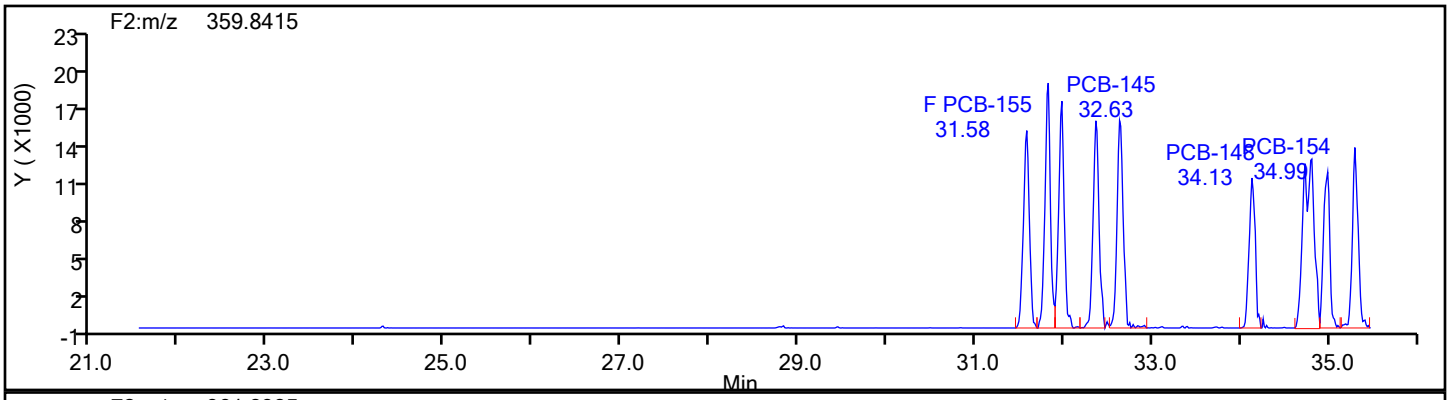
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

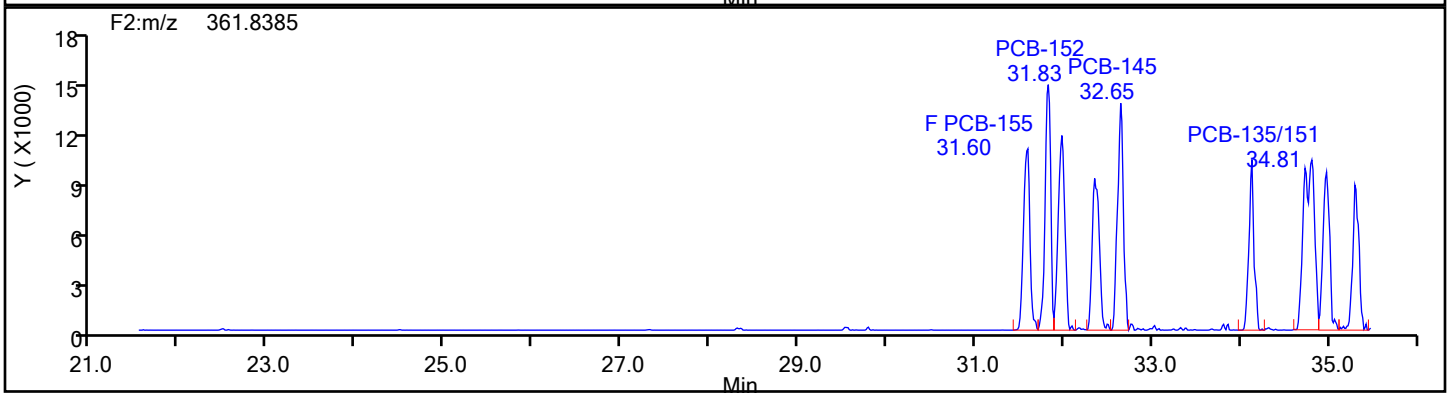
Client ID:

Worklist#: 54640 Sample Line#: 2

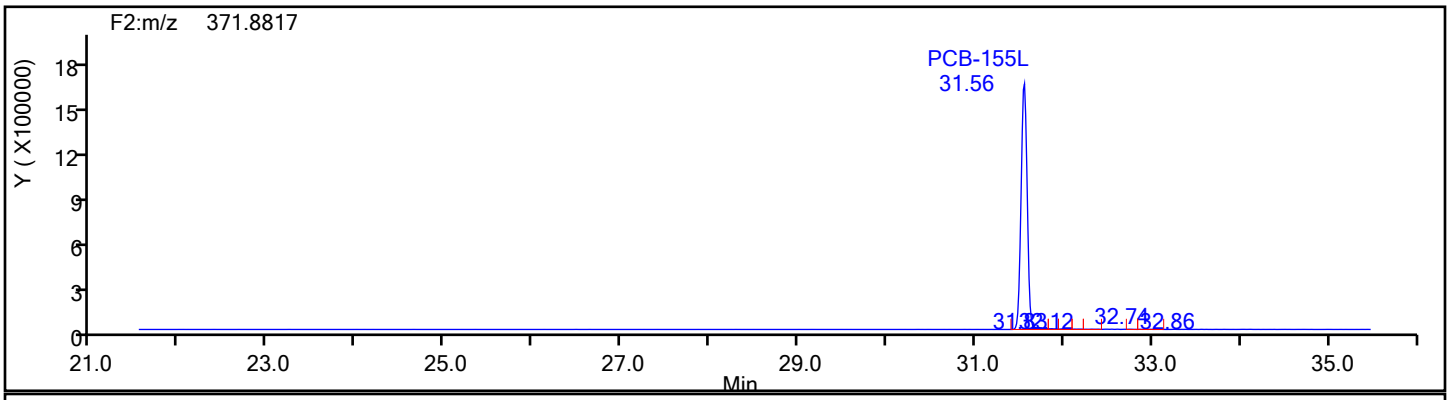
Column Type: Column Dia:

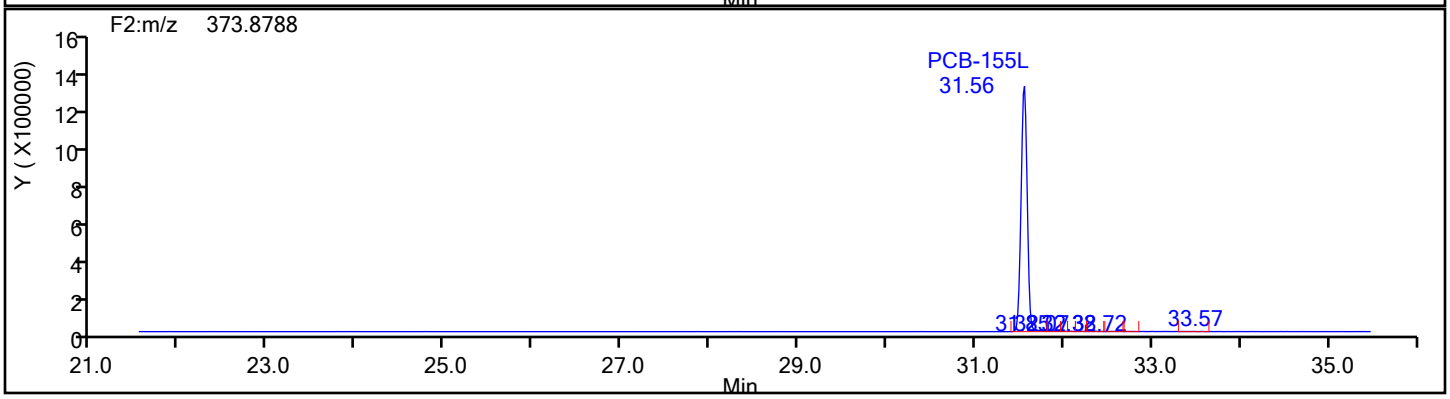
HxPCB F2





HxPCB F2 Standards



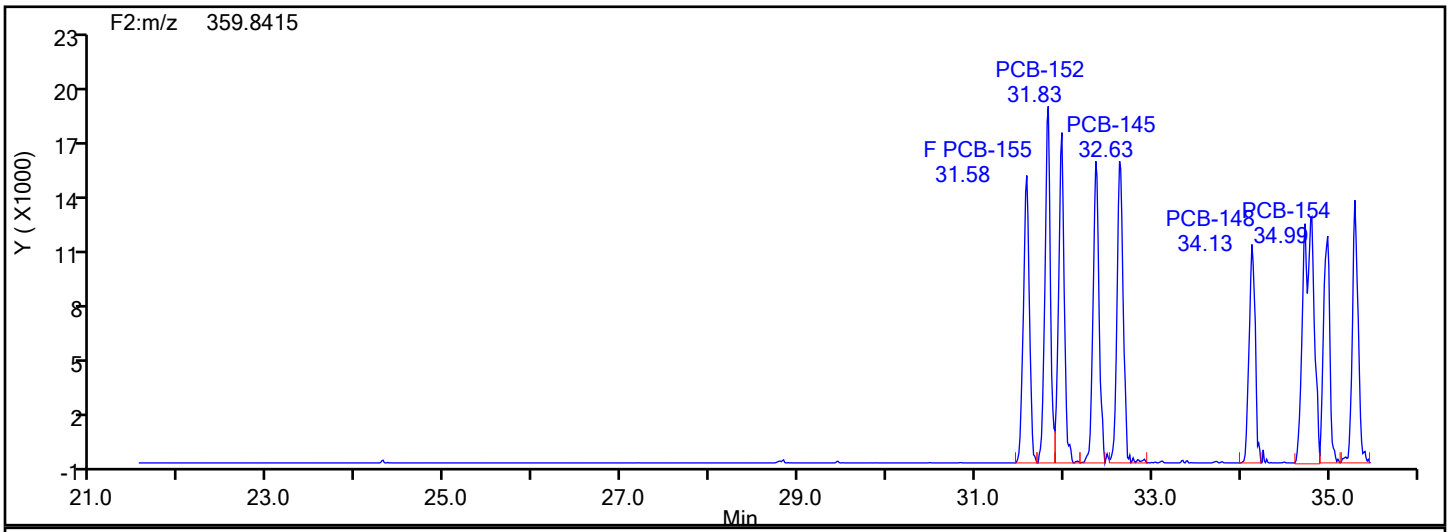


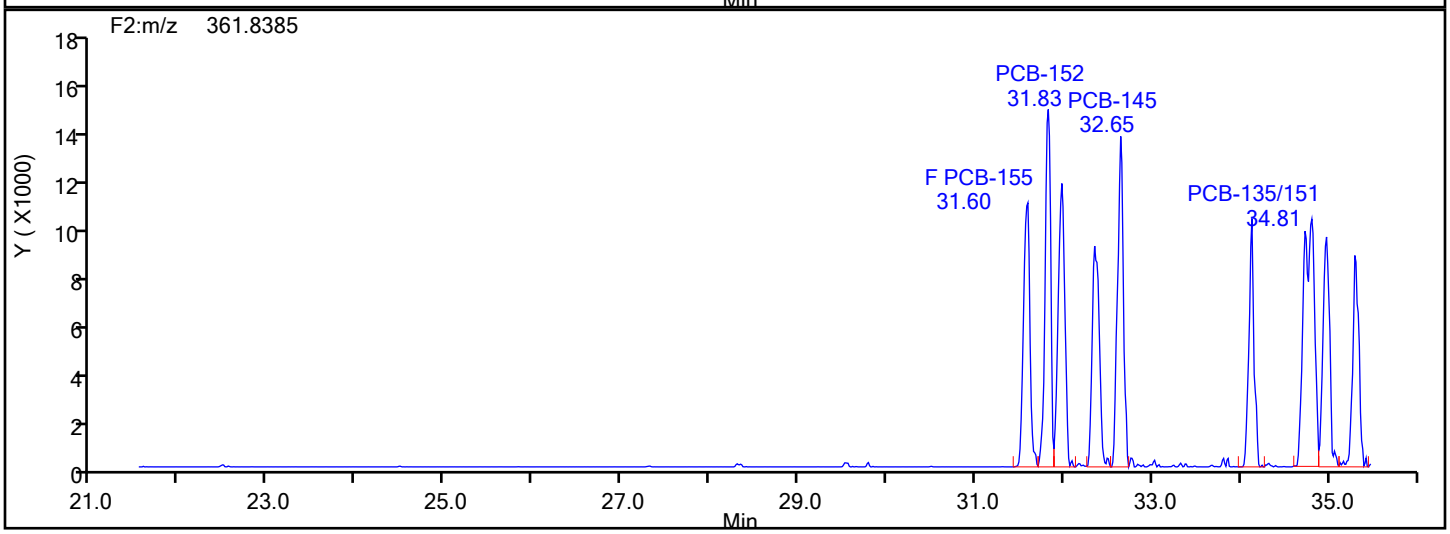
Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

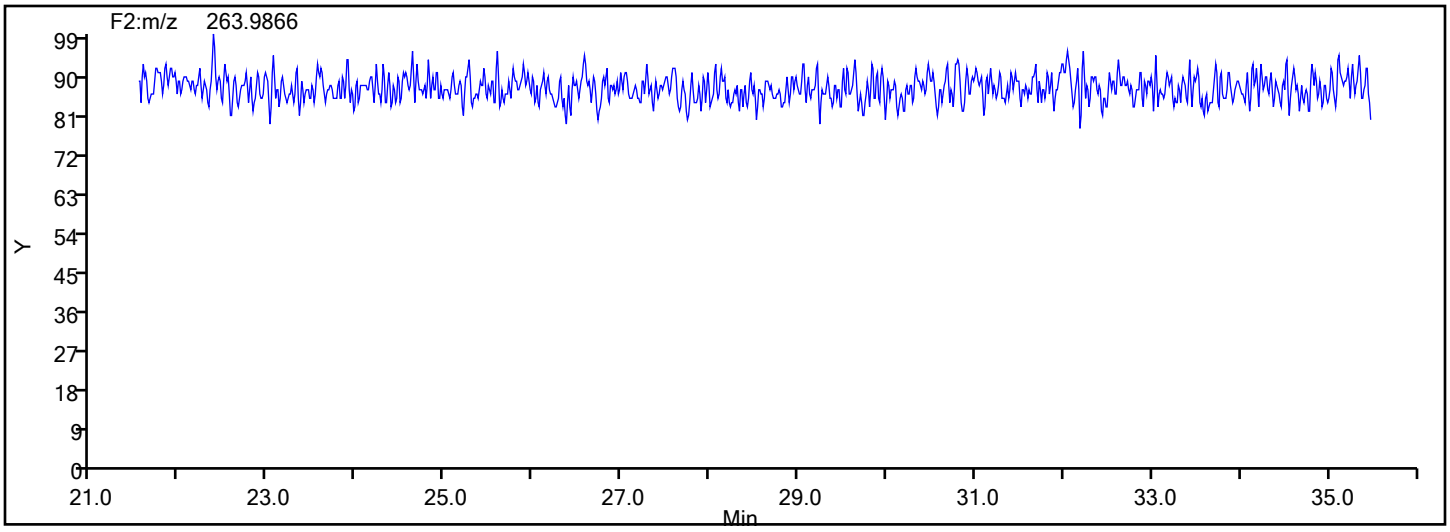
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

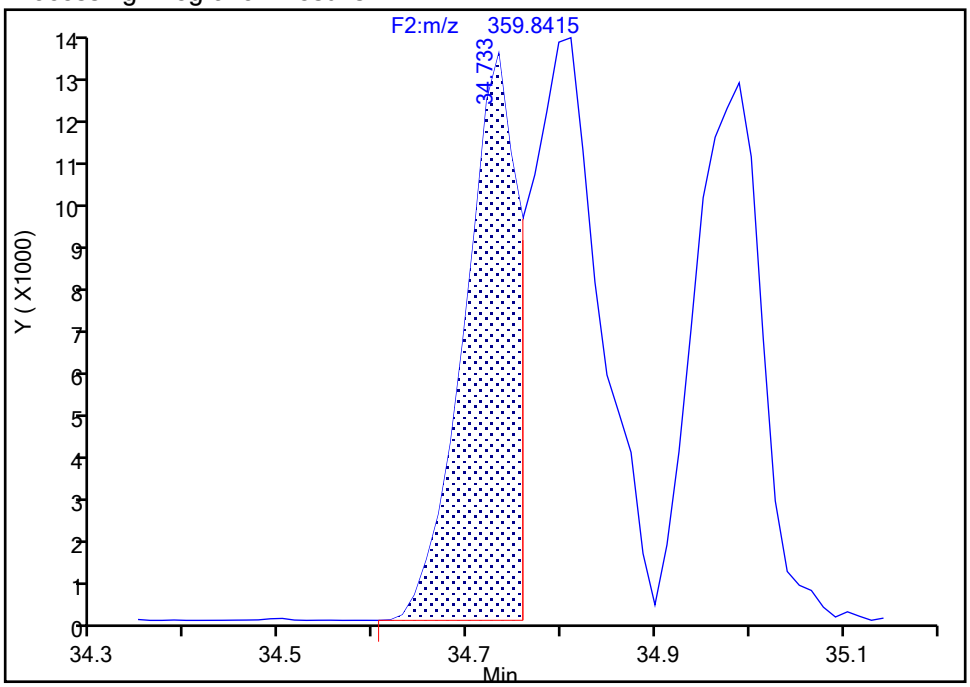
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 1

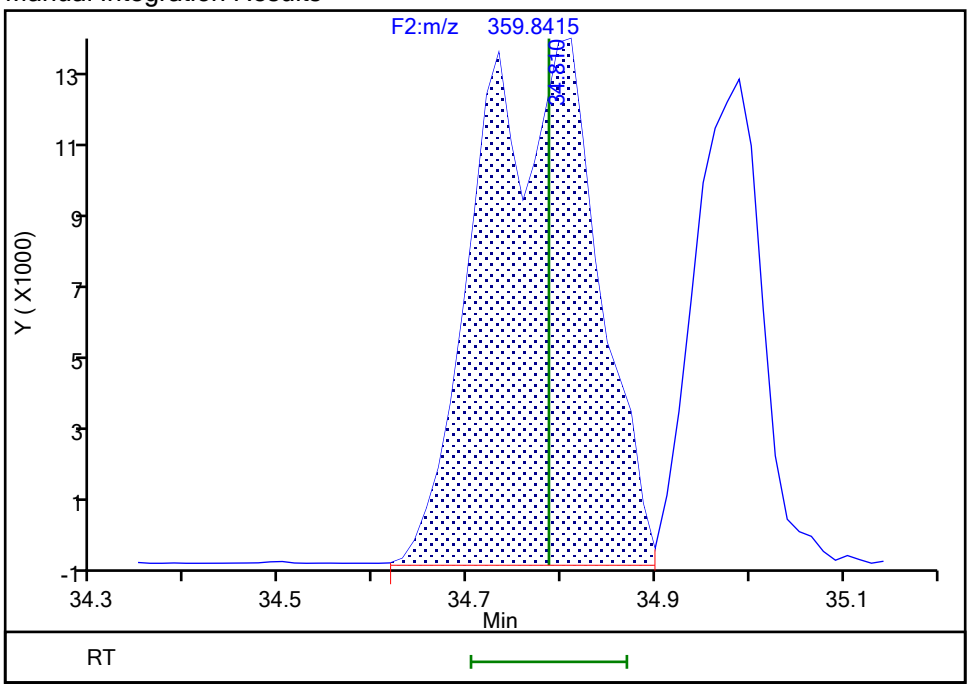
Processing Integration Results

RT: 34.73
Area: 48365
Amount: 1.513582
Amount Units: pg/ul



Manual Integration Results

RT: 34.81
Area: 115105
Amount: 1.938307
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:48:29

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

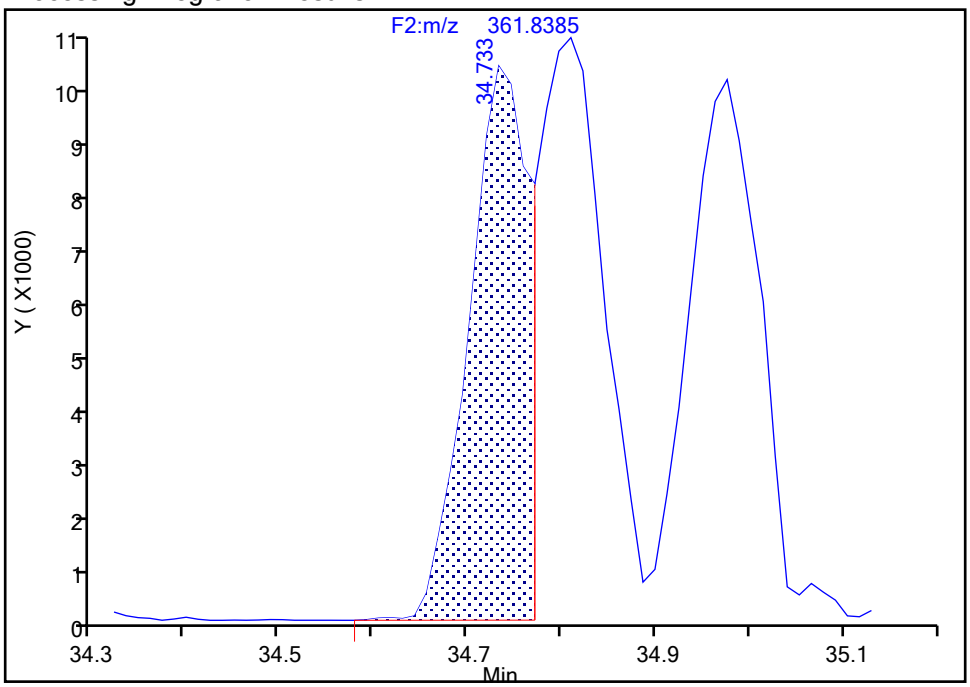
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-135/151, CAS: STL01819

Signal: 2

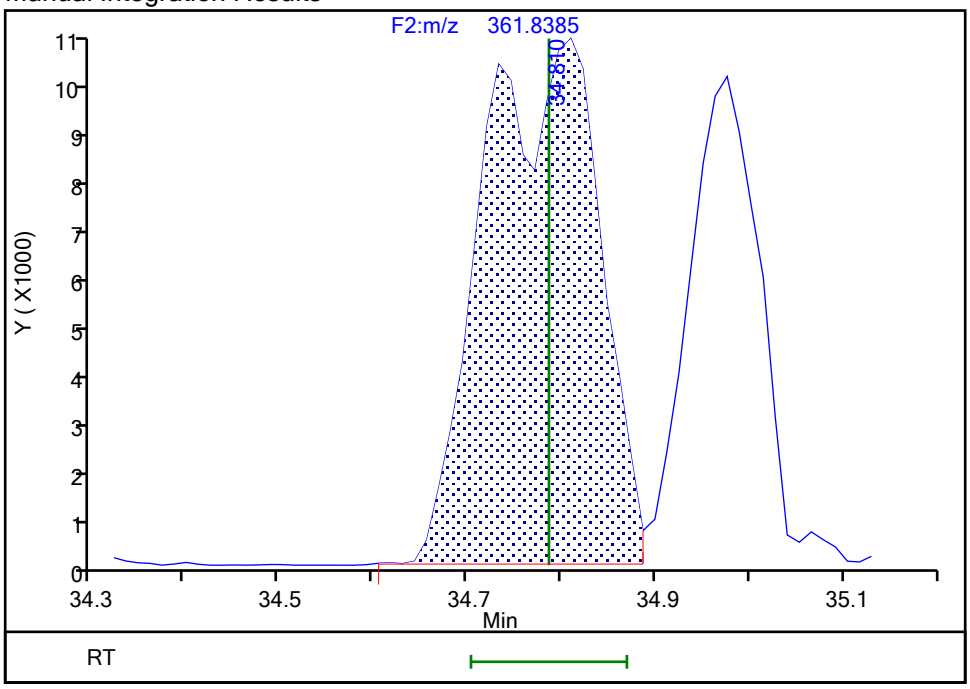
Processing Integration Results

RT: 34.73
Area: 40872
Amount: 1.513582
Amount Units: pg/ul



Manual Integration Results

RT: 34.81
Area: 86672
Amount: 1.938307
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:48:36
Audit Action: Manually Integrated Audit Reason: Split Peak

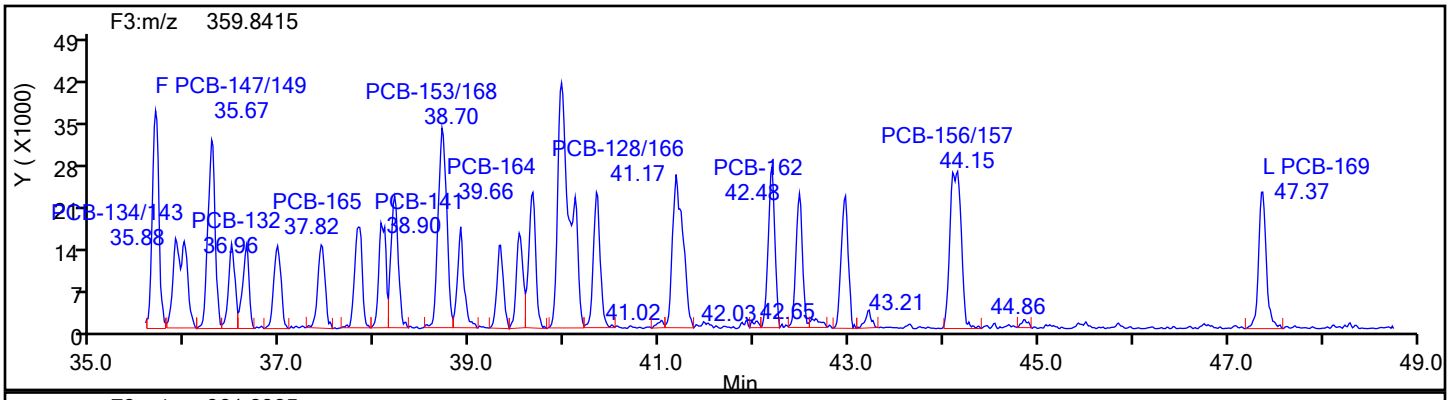
Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

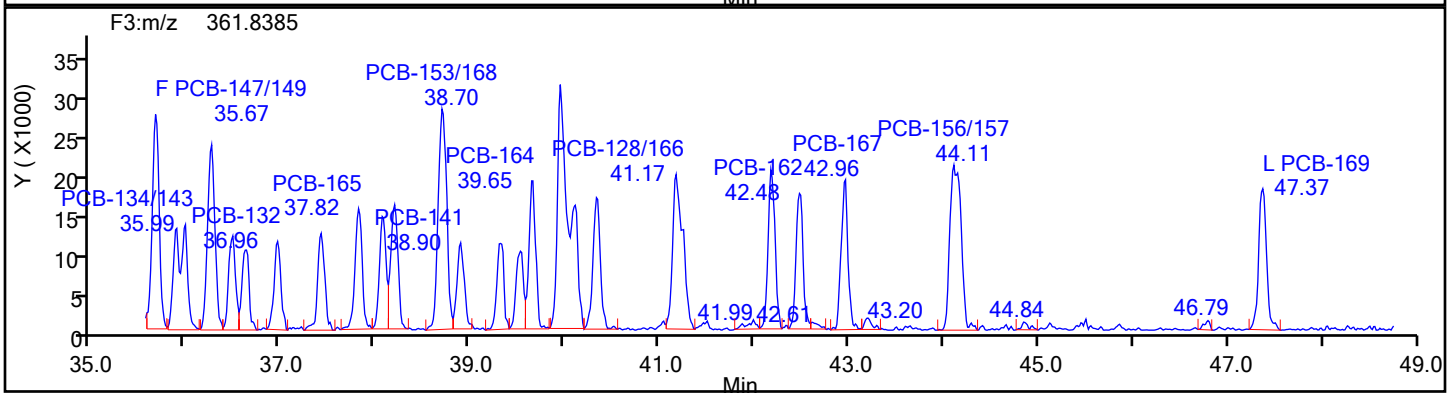
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

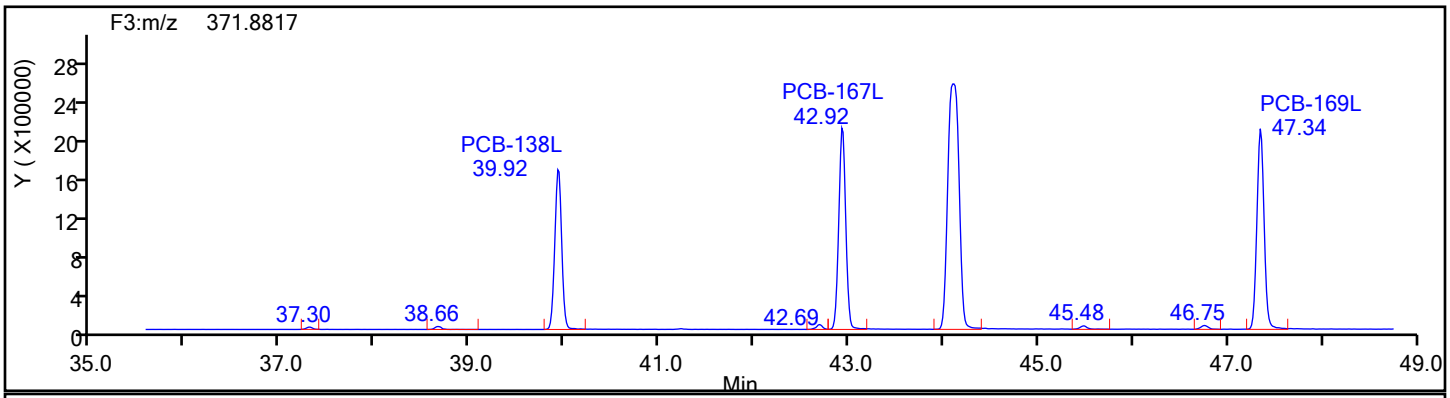
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

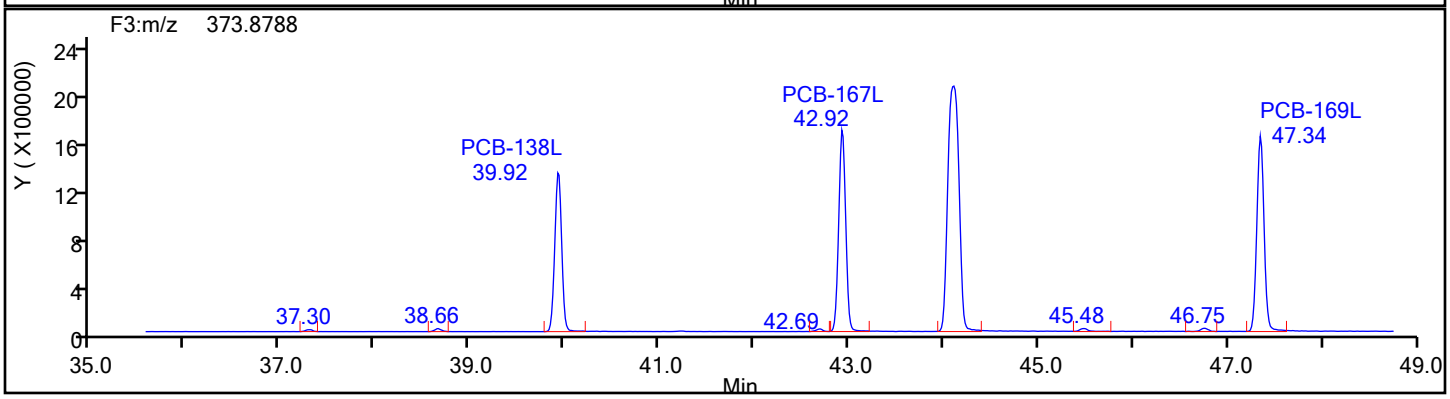
HxPCB F3





HxPCB F3 Standards



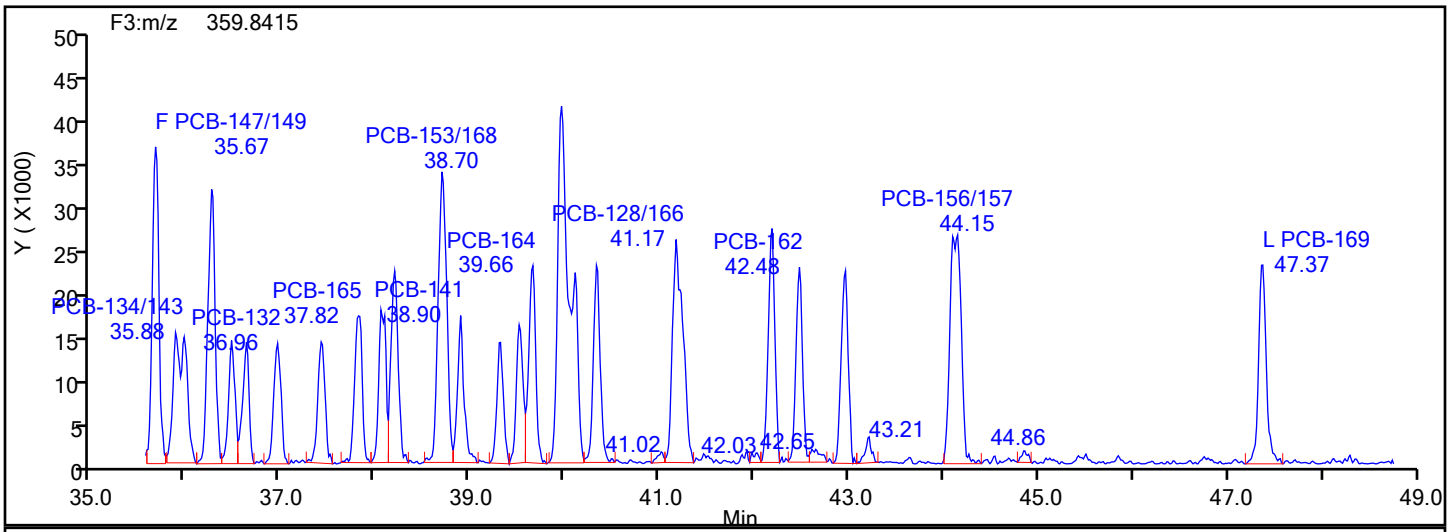


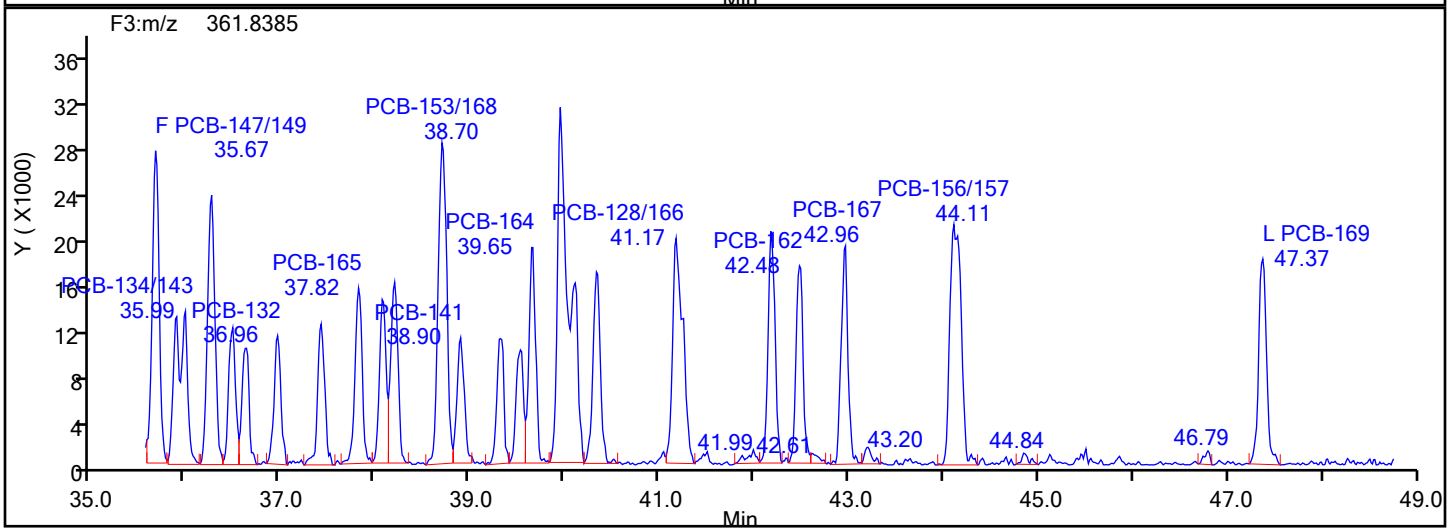
Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

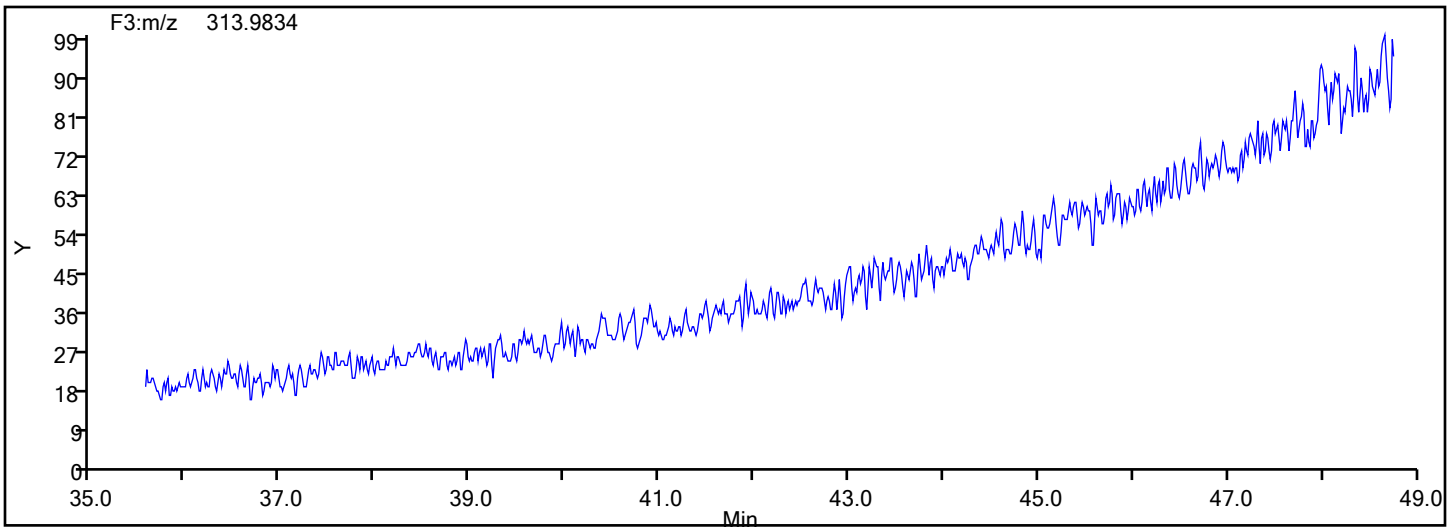
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

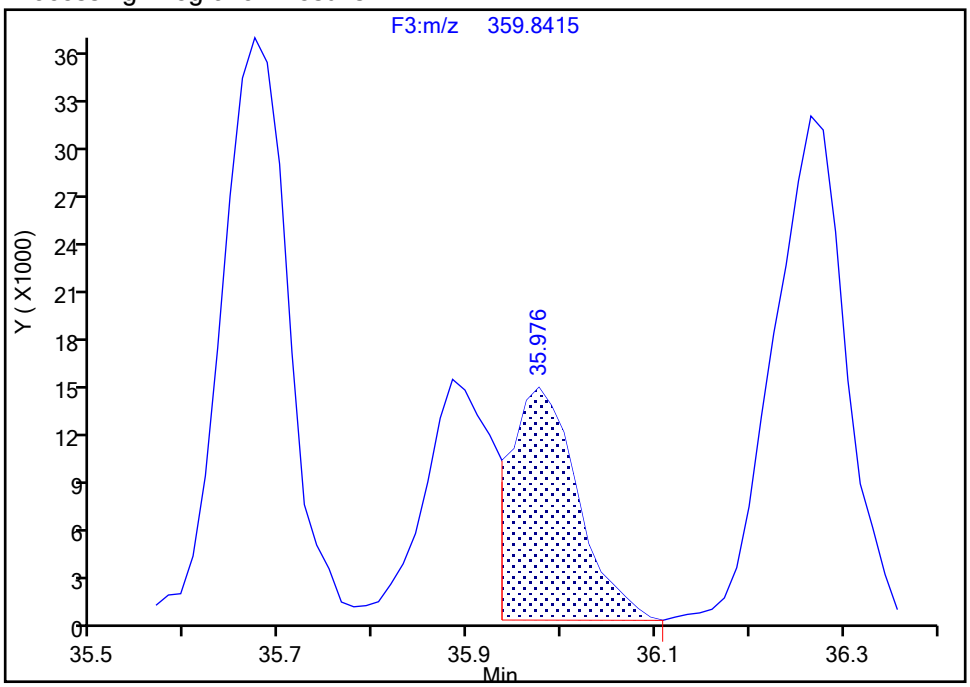
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-134/143, CAS: STL01818

Signal: 1

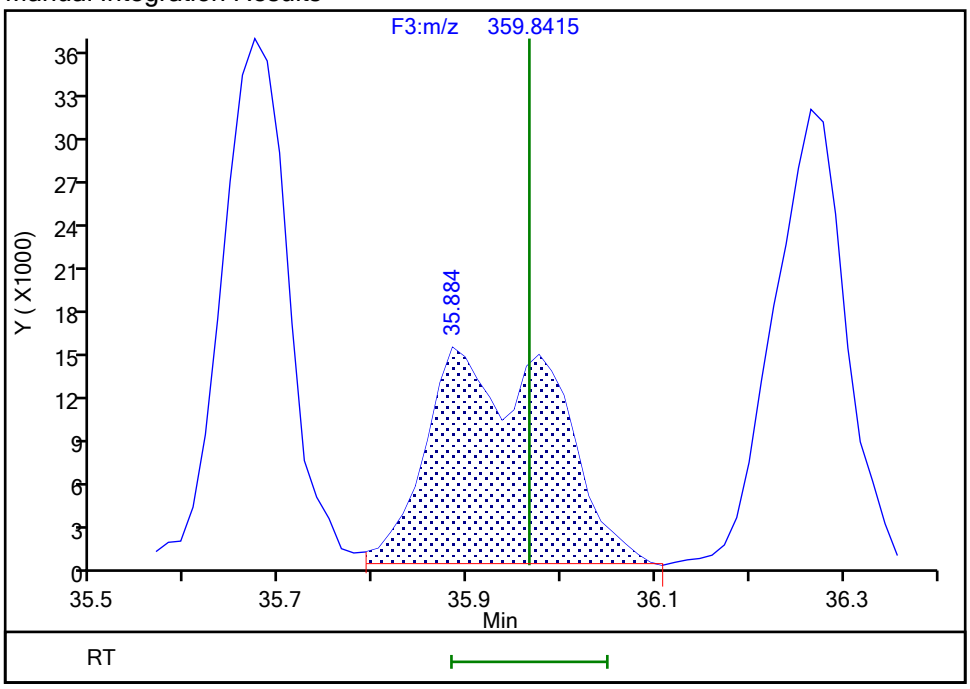
Processing Integration Results

RT: 35.98
Area: 70846
Amount: 1.859072
Amount Units: pg/ul



Manual Integration Results

RT: 35.88
Area: 142200
Amount: 1.970685
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:48:58
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

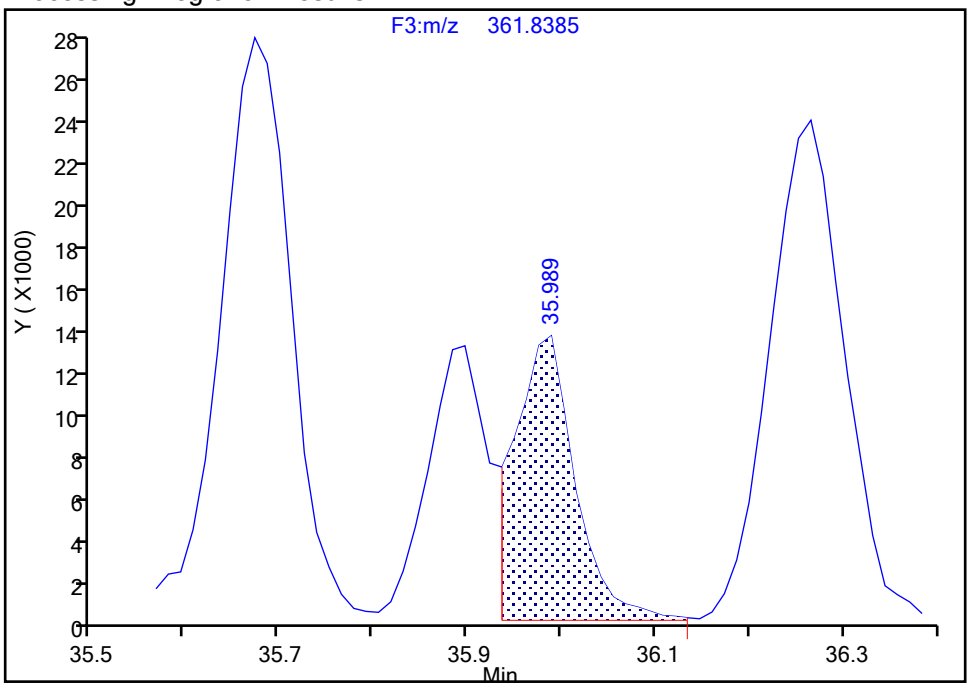
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-134/143, CAS: STL01818

Signal: 2

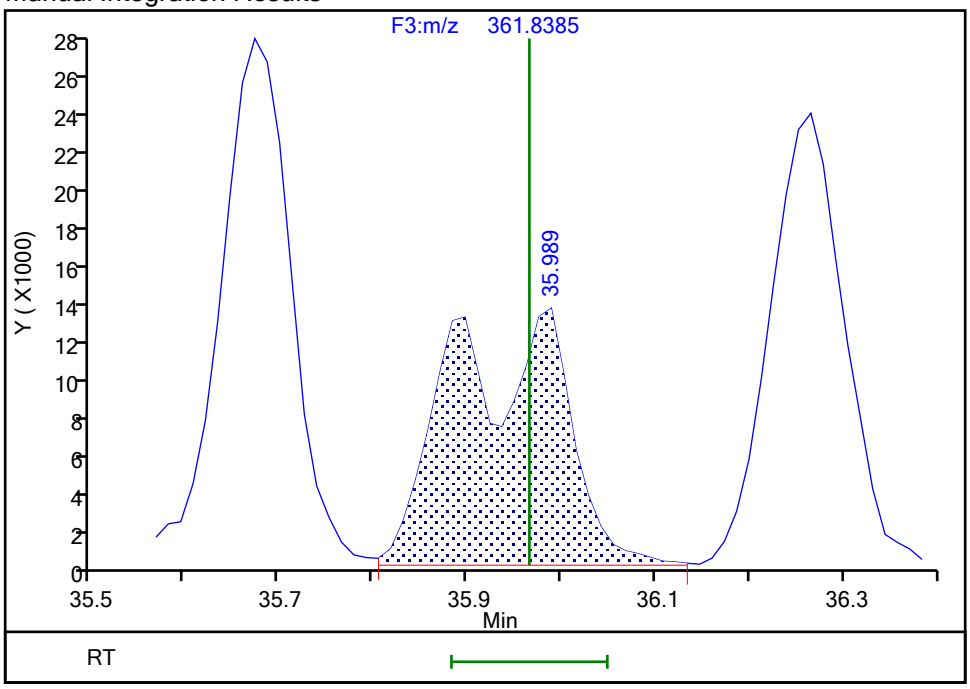
Processing Integration Results

RT: 35.99
Area: 58514
Amount: 1.859072
Amount Units: pg/ul



Manual Integration Results

RT: 35.99
Area: 114920
Amount: 1.970685
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:49:07
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

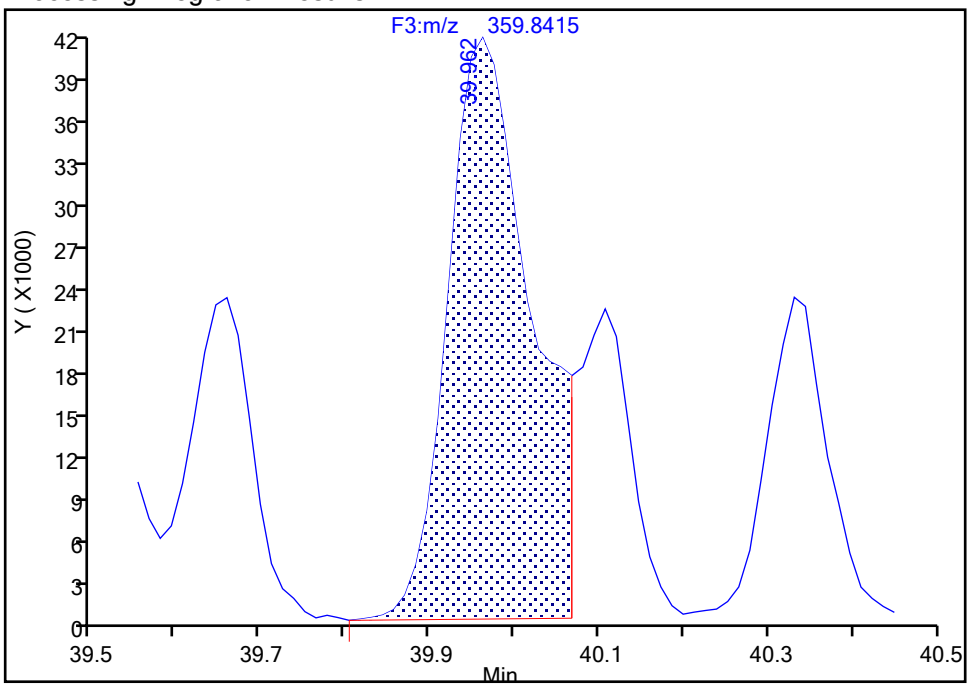
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-129/138/160/163, CAS: STL02296

Signal: 1

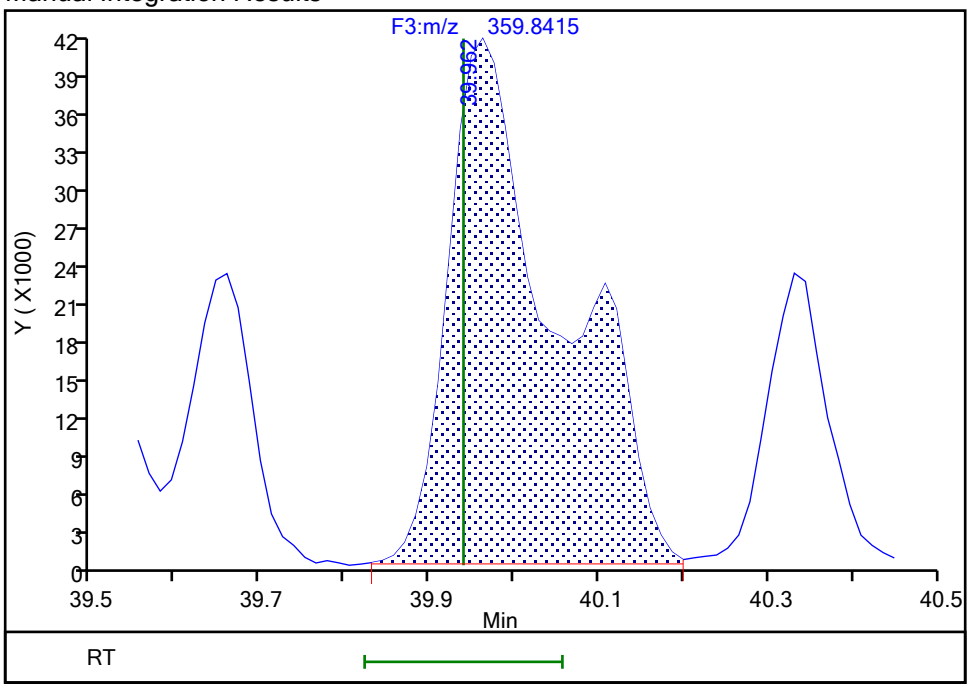
Processing Integration Results

RT: 39.96
Area: 279355
Amount: 4.001303
Amount Units: pg/ul



Manual Integration Results

RT: 39.96
Area: 372290
Amount: 3.797007
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:49:26

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

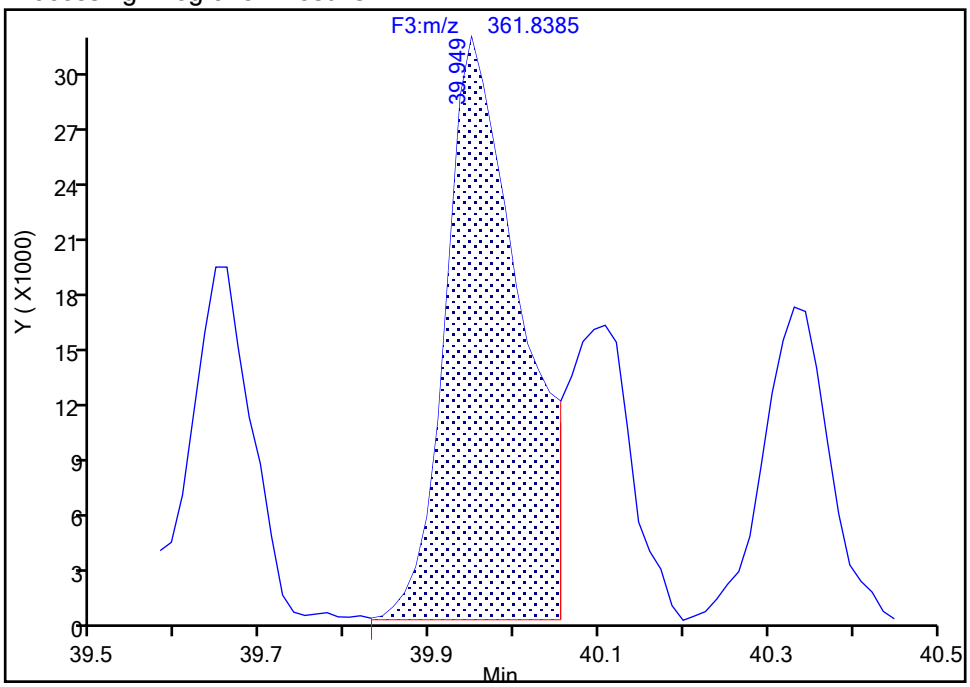
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 2

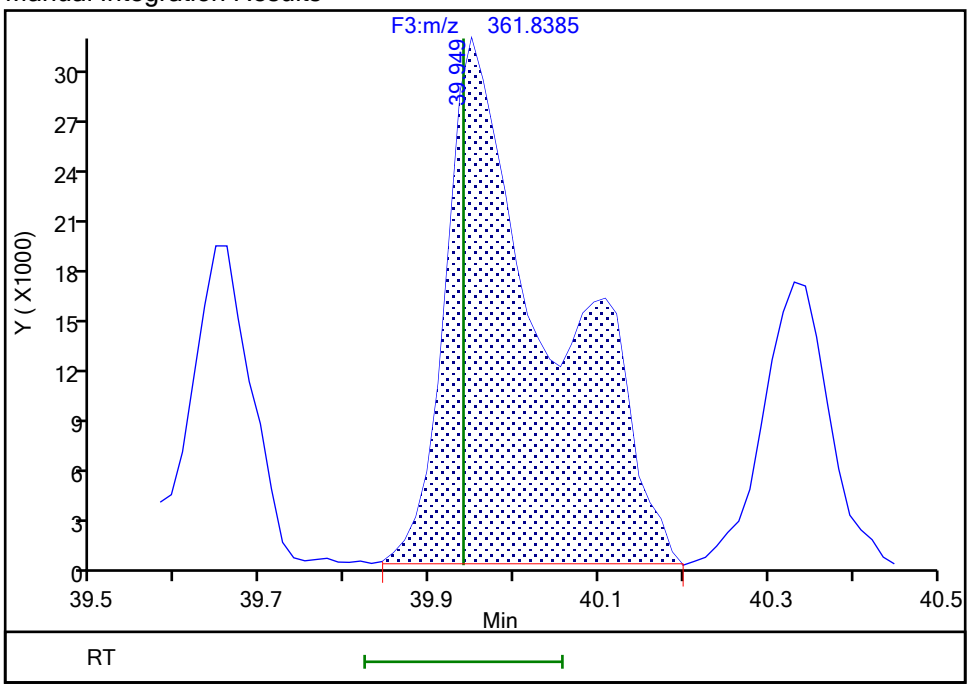
Processing Integration Results

RT: 39.95
Area: 189715
Amount: 4.001303
Amount Units: pg/ul



Manual Integration Results

RT: 39.95
Area: 269556
Amount: 3.797007
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:49:32
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

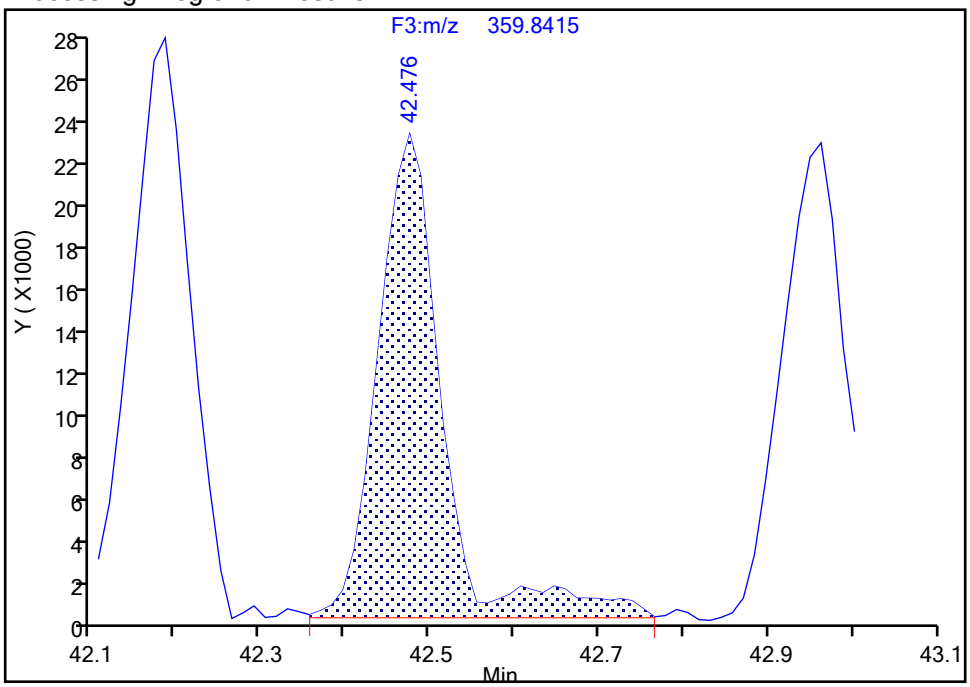
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-162, CAS: 39635-34-2

Signal: 1

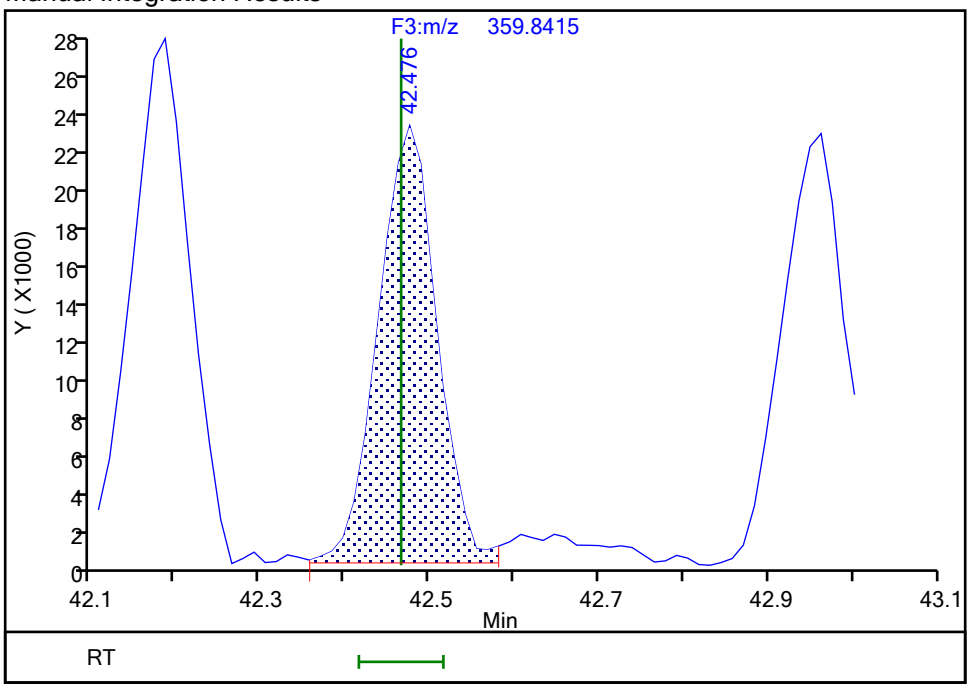
Processing Integration Results

RT: 42.48
Area: 118683
Amount: 1.008074
Amount Units: pg/ul



Manual Integration Results

RT: 42.48
Area: 107797
Amount: 0.946953
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:16:15
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

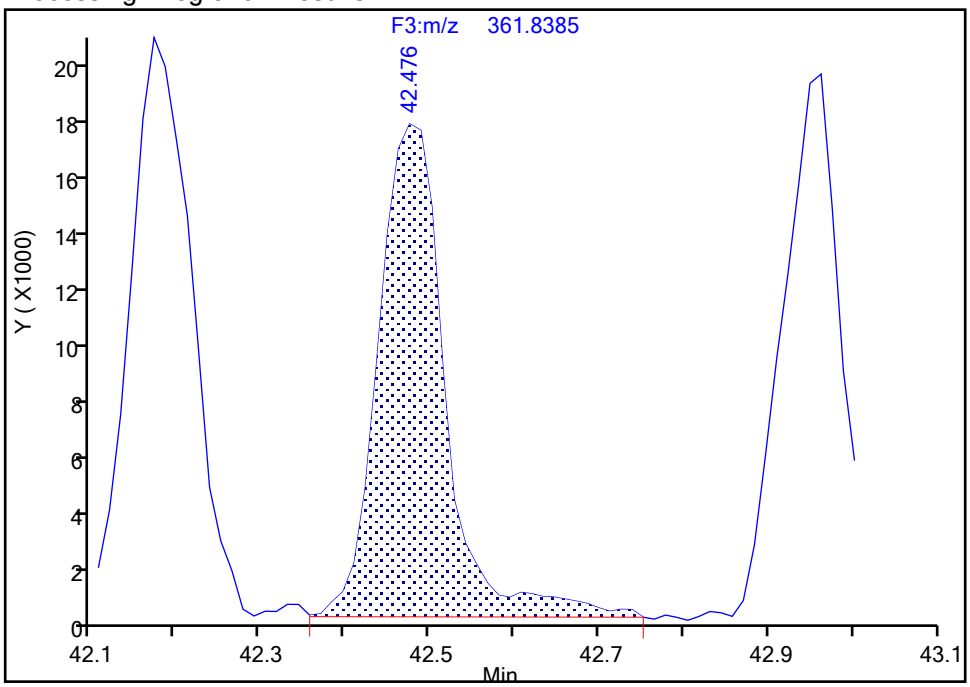
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-162, CAS: 39635-34-2

Signal: 2

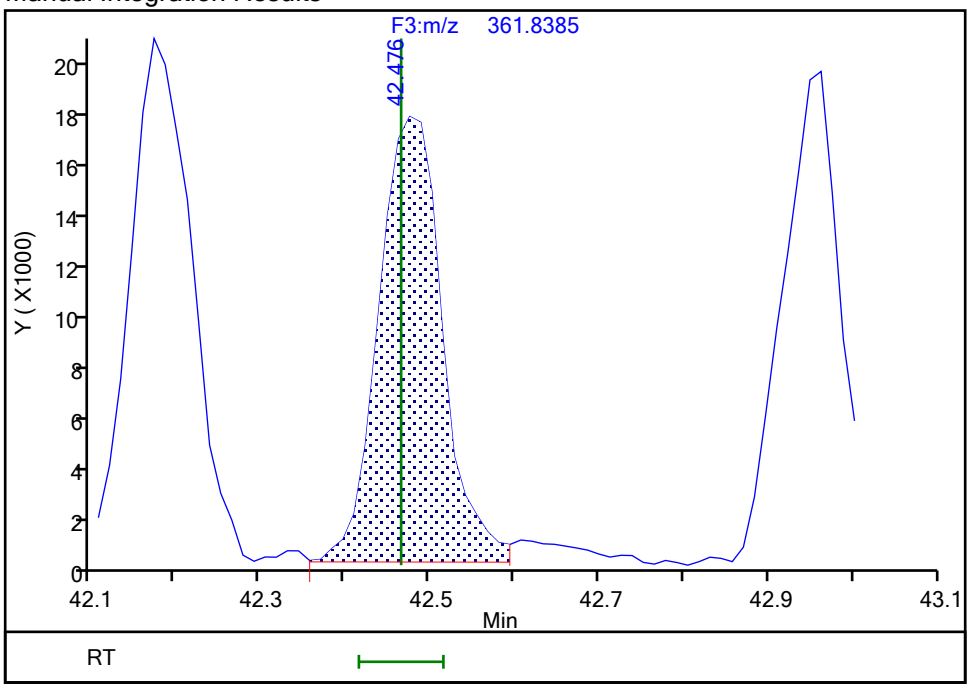
Processing Integration Results

RT: 42.48
Area: 95386
Amount: 1.008074
Amount Units: pg/ul



Manual Integration Results

RT: 42.48
Area: 90520
Amount: 0.946953
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:16:19
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

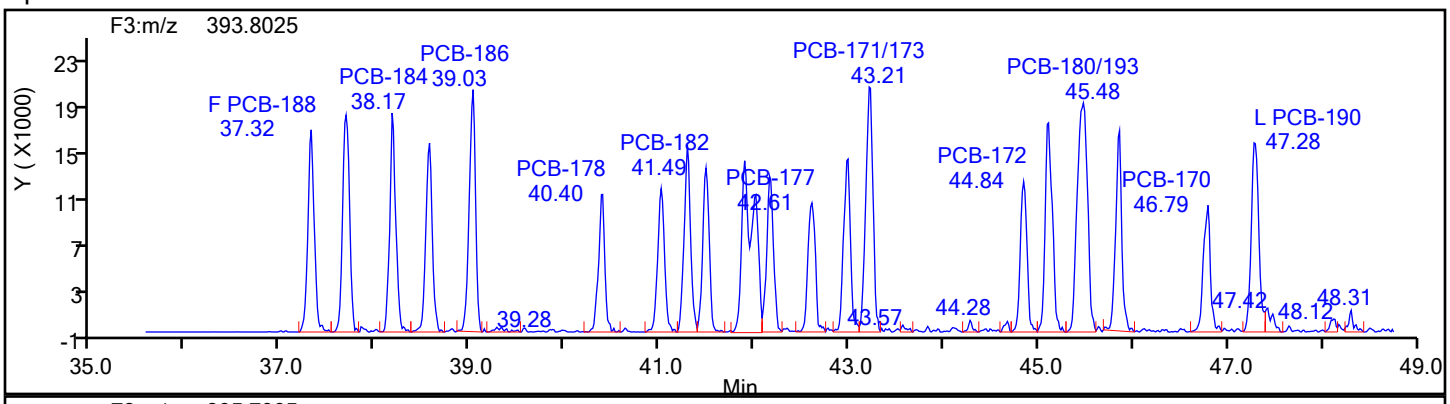
Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

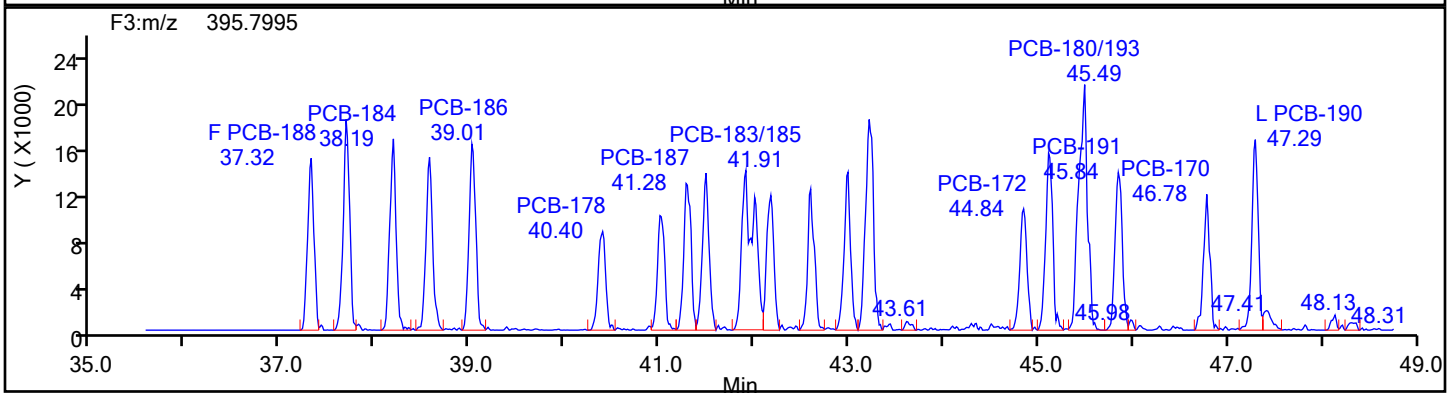
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

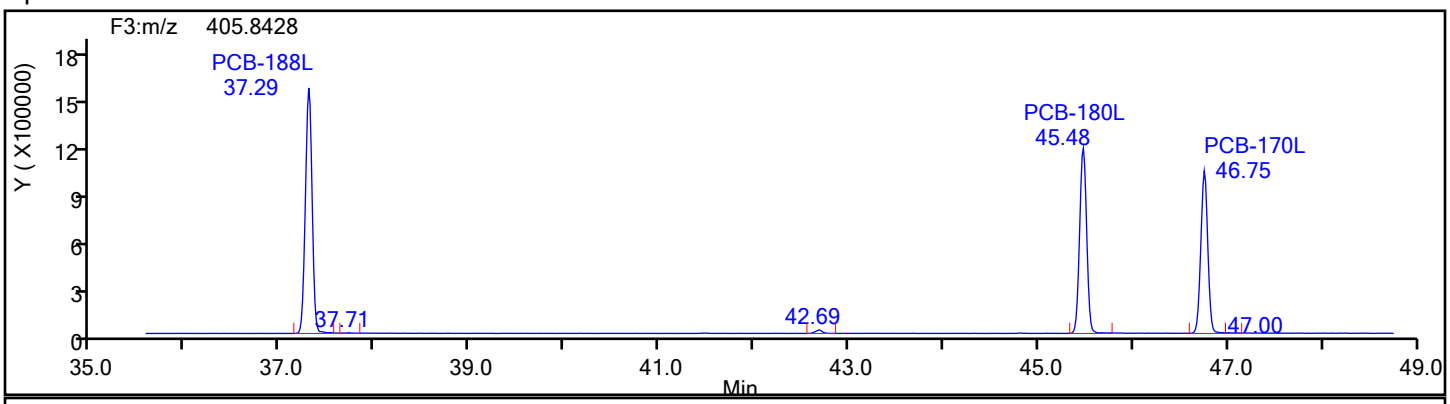
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

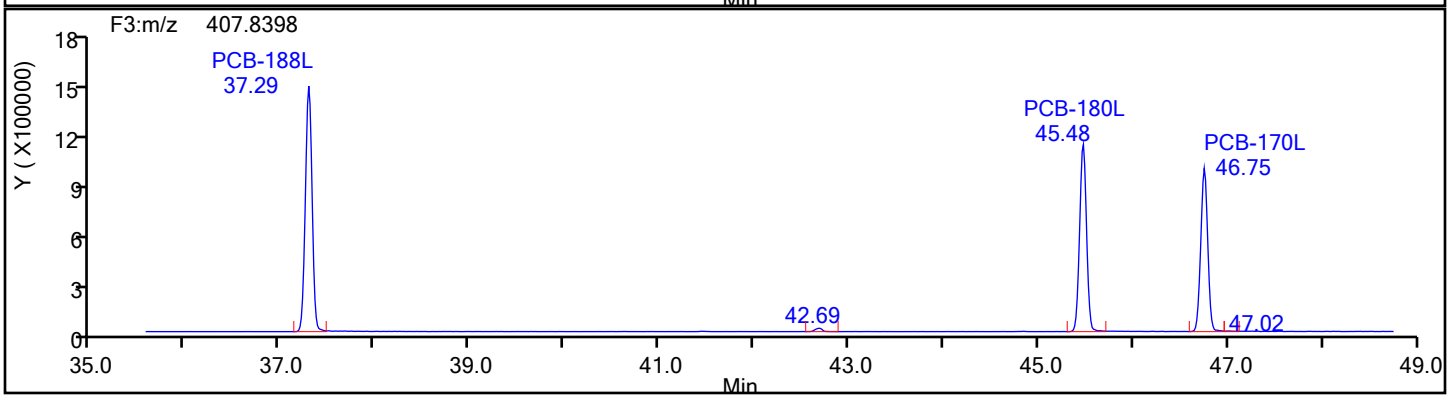
HpPCB F3





HpPCB F3 Standards



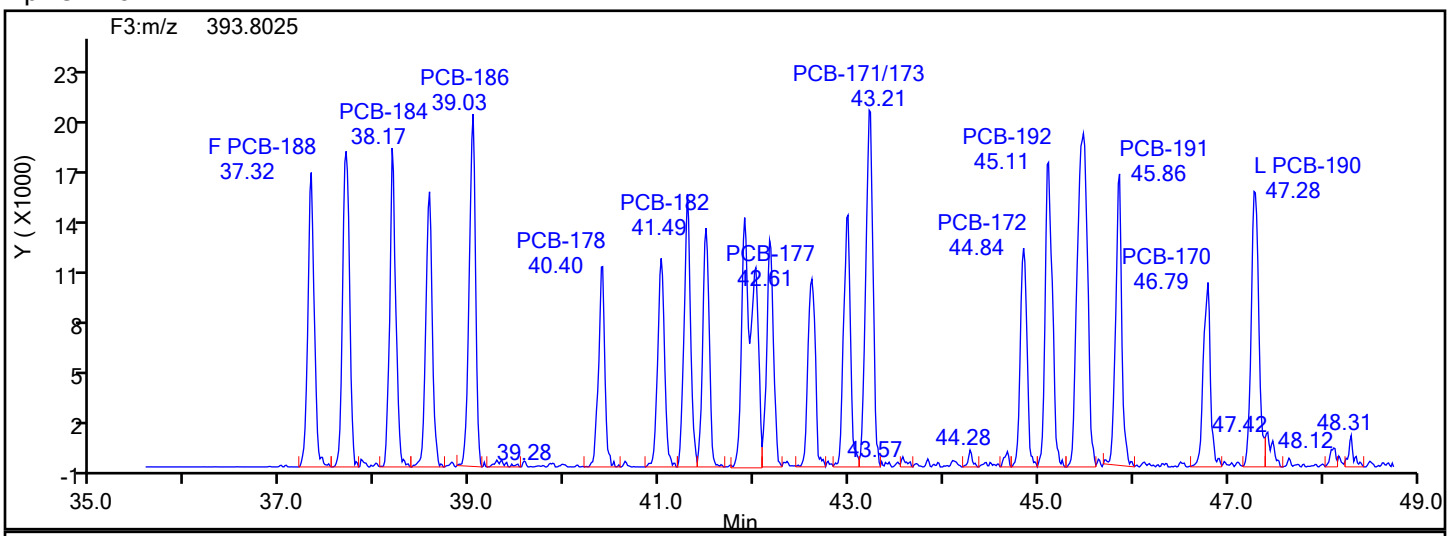


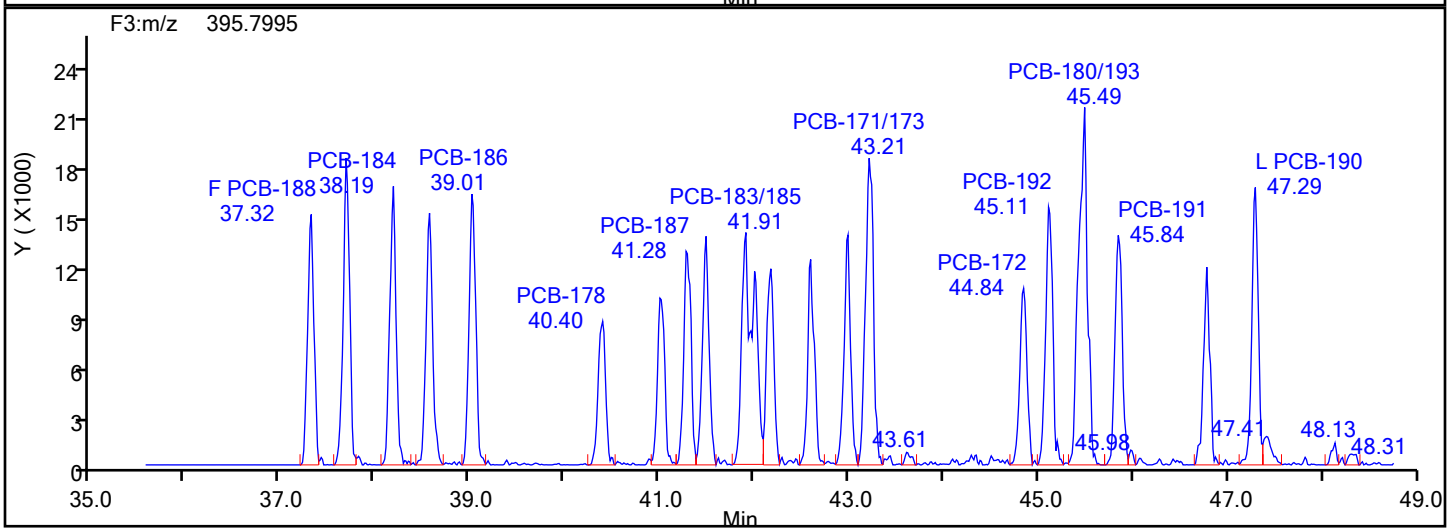
Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

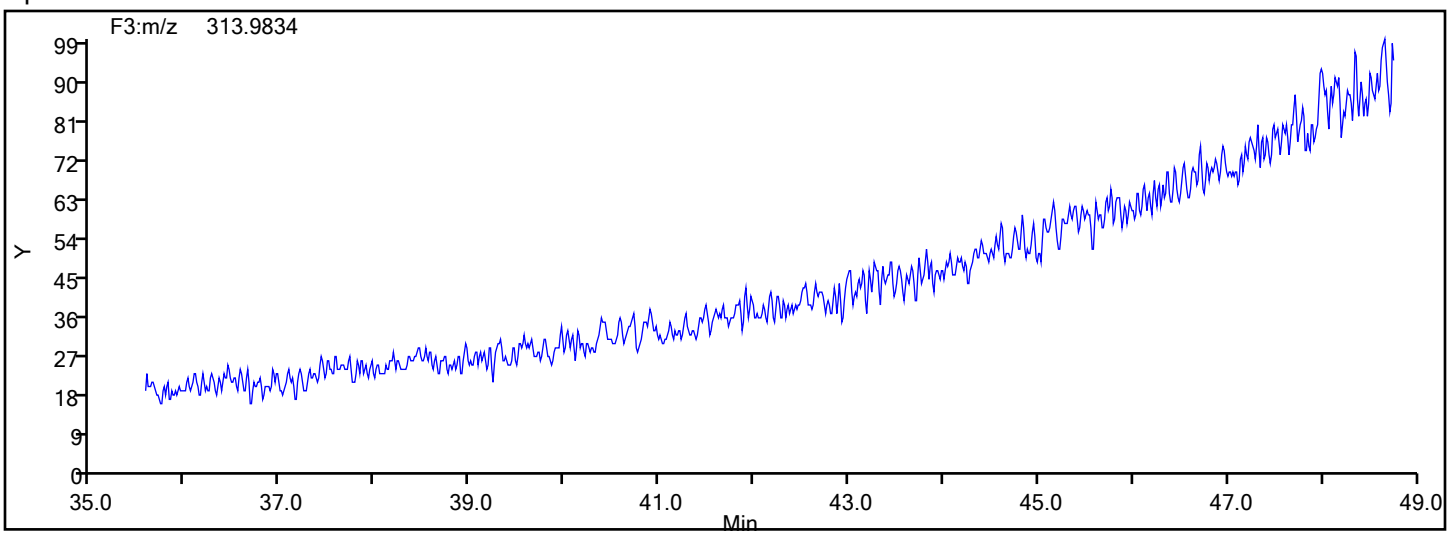
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

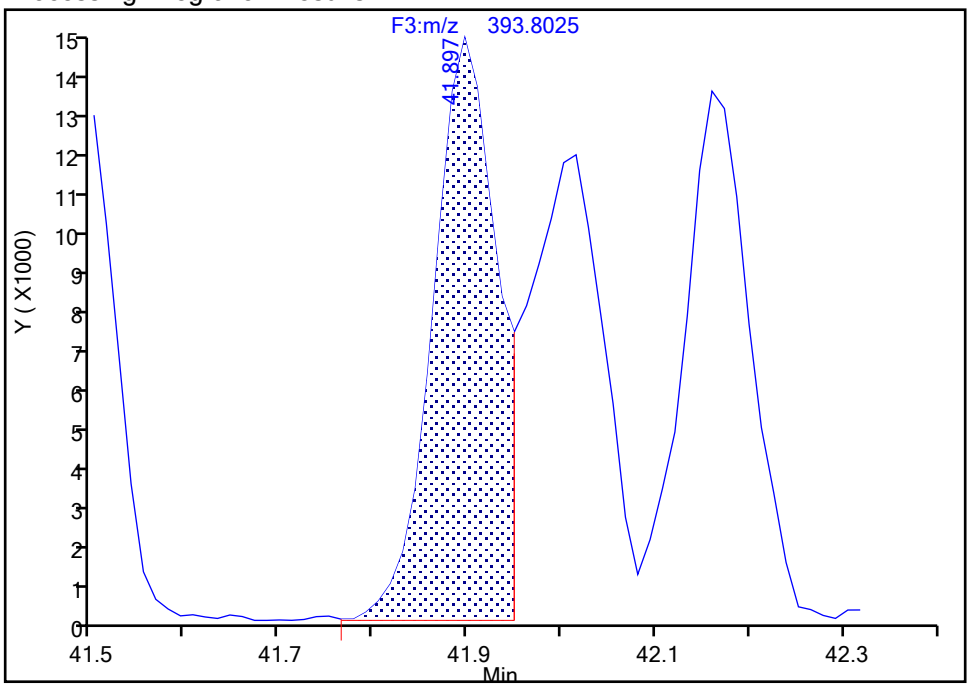
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

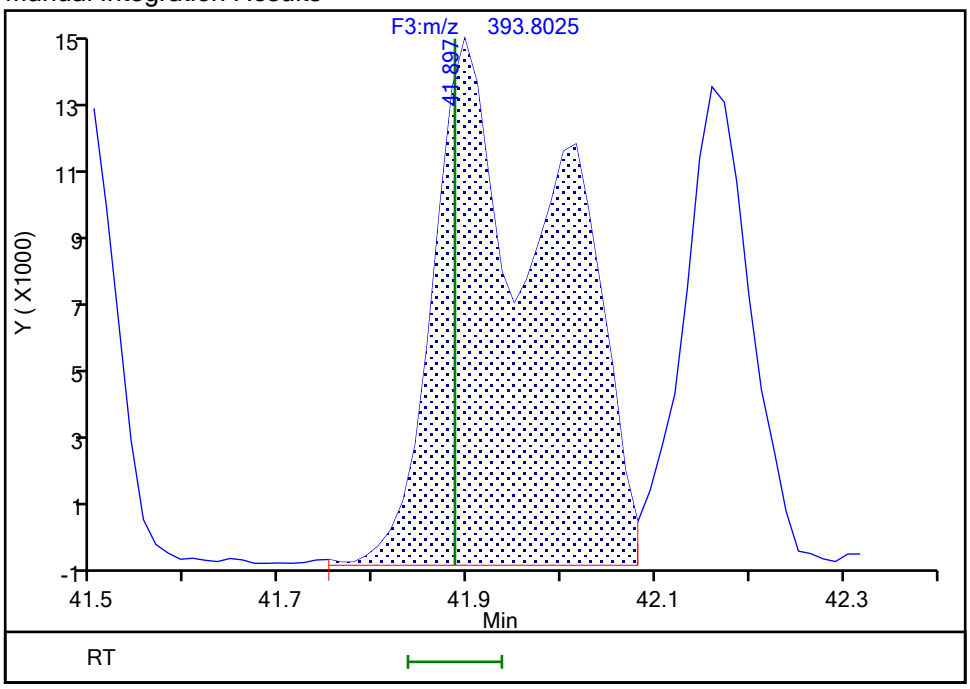
Processing Integration Results

RT: 41.90
Area: 66419
Amount: 1.875005
Amount Units: pg/ul



Manual Integration Results

RT: 41.90
Area: 128797
Amount: 2.042290
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:49:56

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

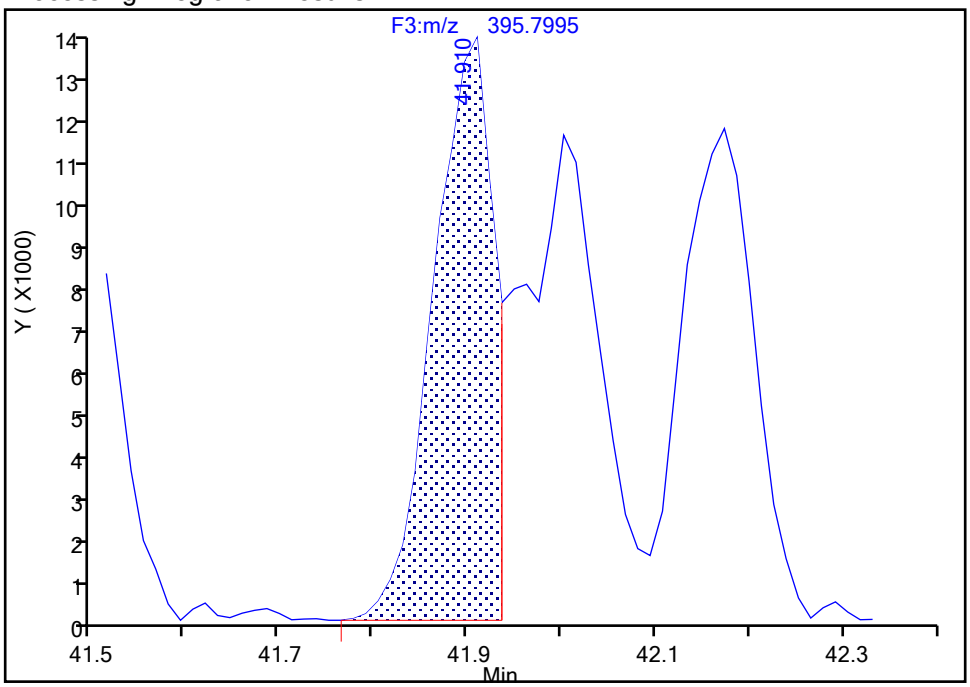
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 2

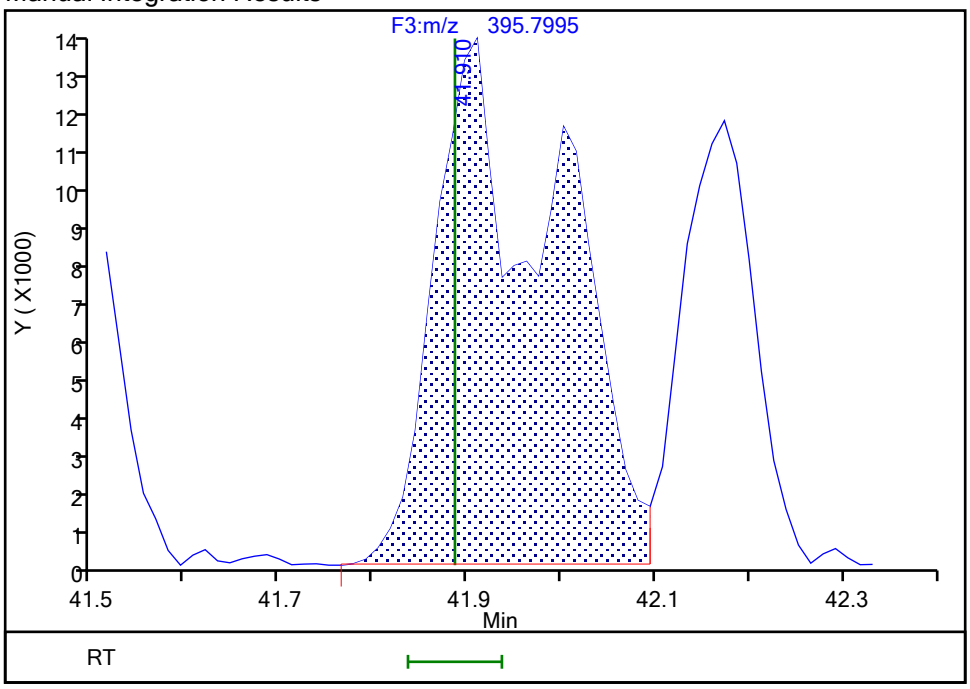
Processing Integration Results

RT: 41.91
Area: 60346
Amount: 1.875005
Amount Units: pg/ul



Manual Integration Results

RT: 41.91
Area: 125842
Amount: 2.042290
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:50:00

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

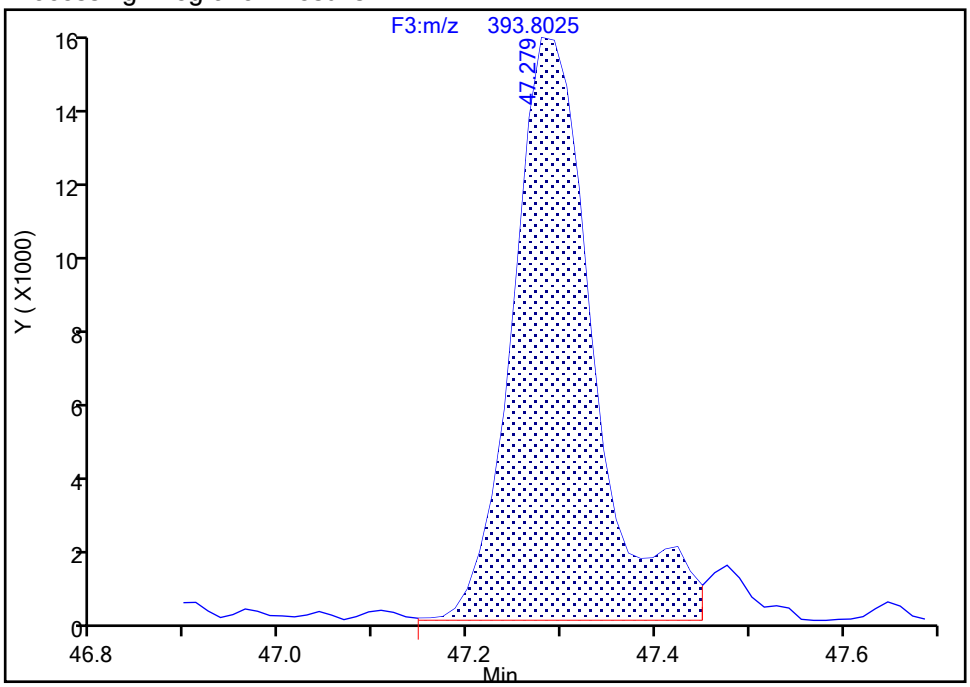
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-190, CAS: 41411-64-7

Signal: 1

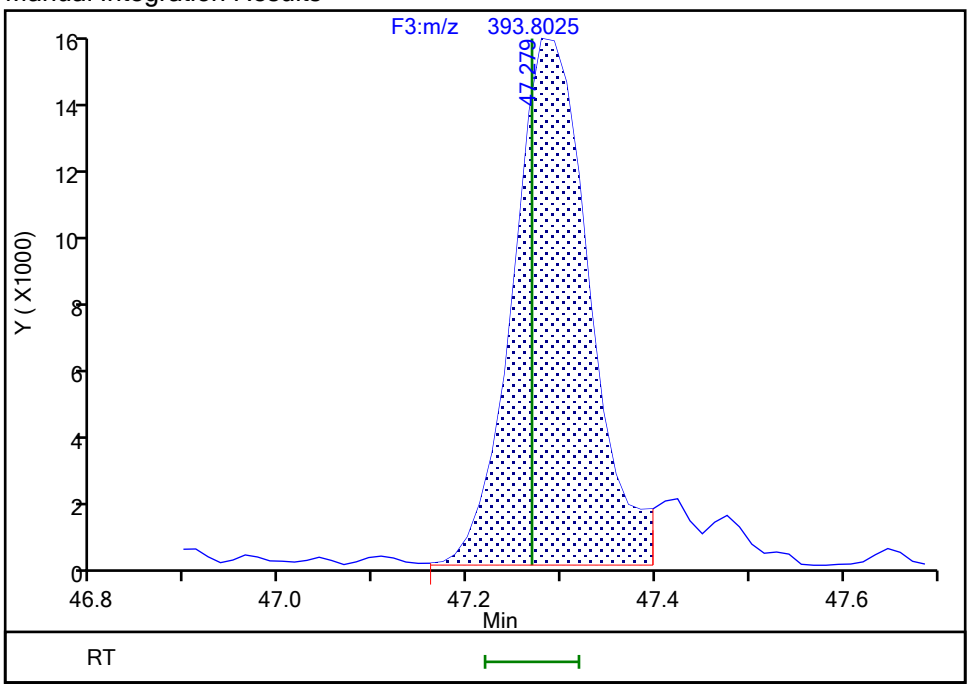
Processing Integration Results

RT: 47.28
Area: 93552
Amount: 1.027337
Amount Units: pg/ul



Manual Integration Results

RT: 47.28
Area: 88353
Amount: 0.999383
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:50:19

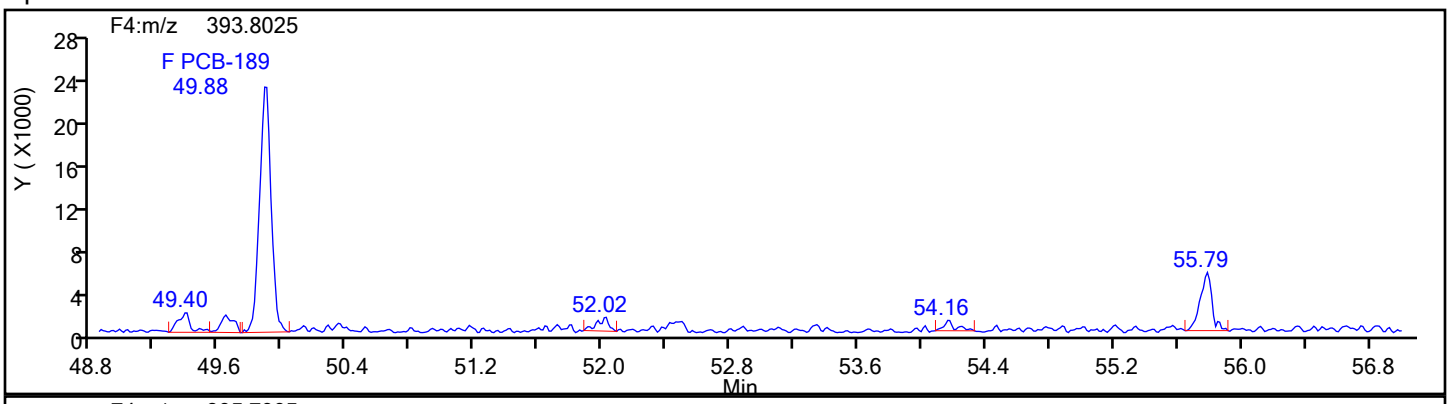
Audit Action: Manually Integrated Audit Reason: Split Peak

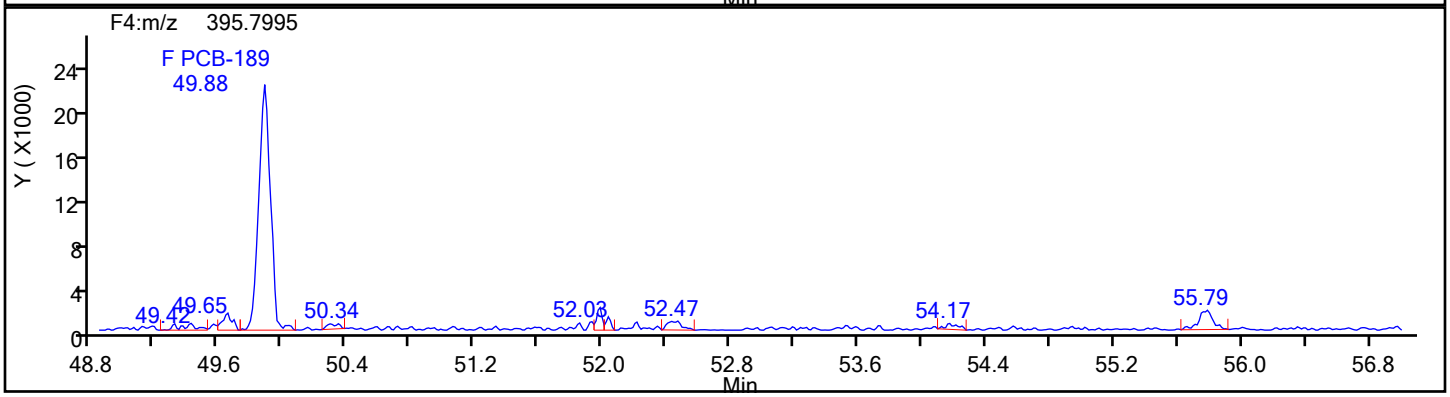
Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

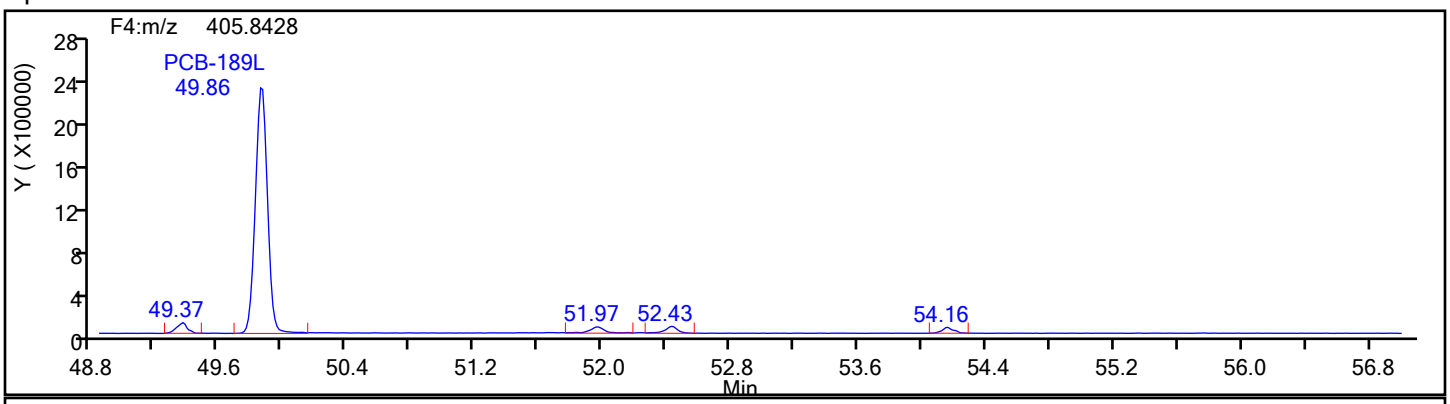
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

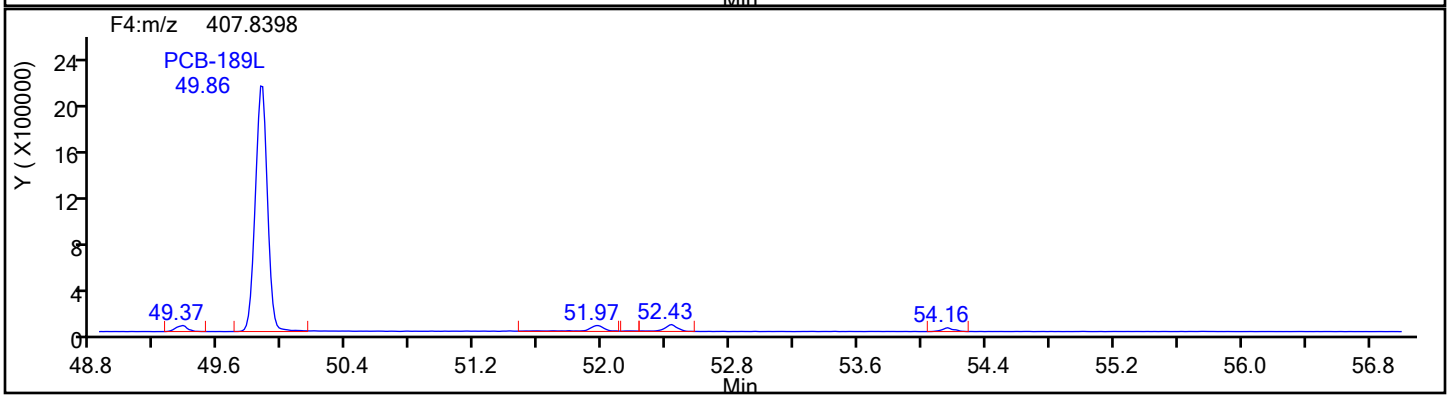
HpPCB F4





HpPCB F4 Standards



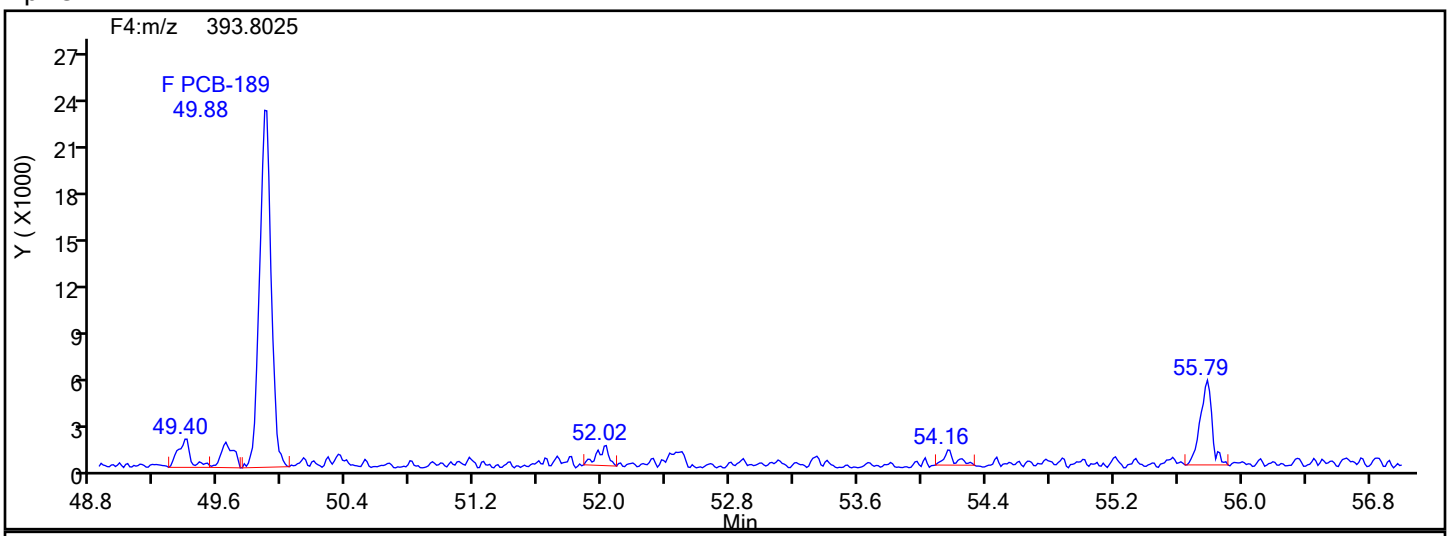


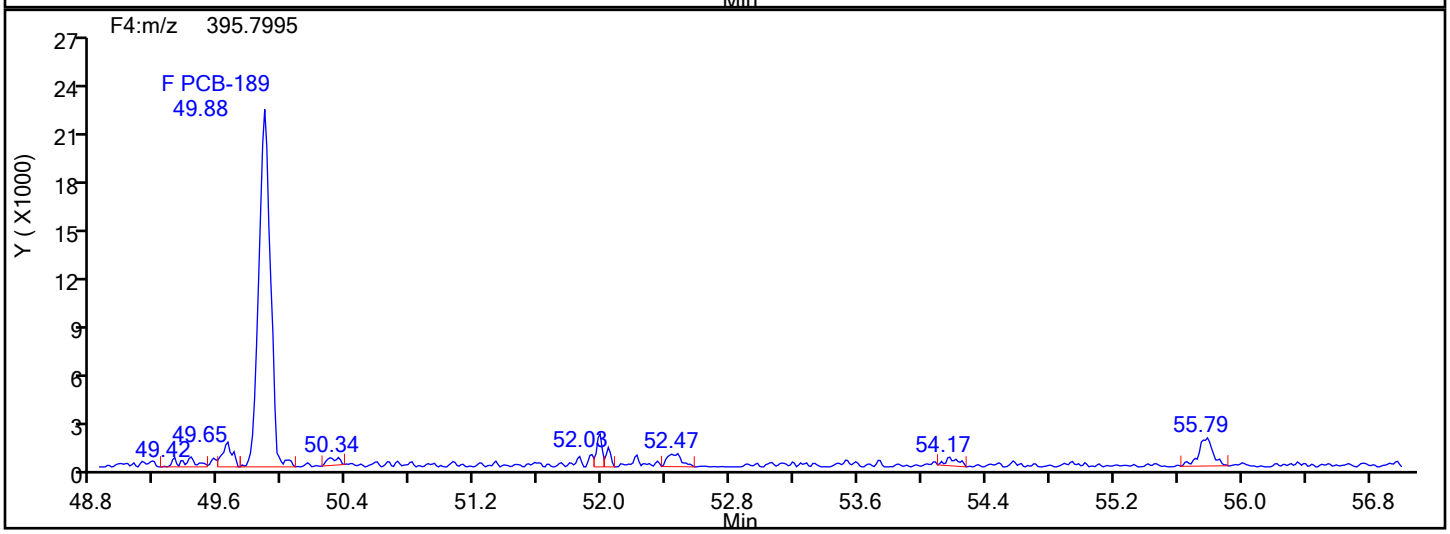
Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

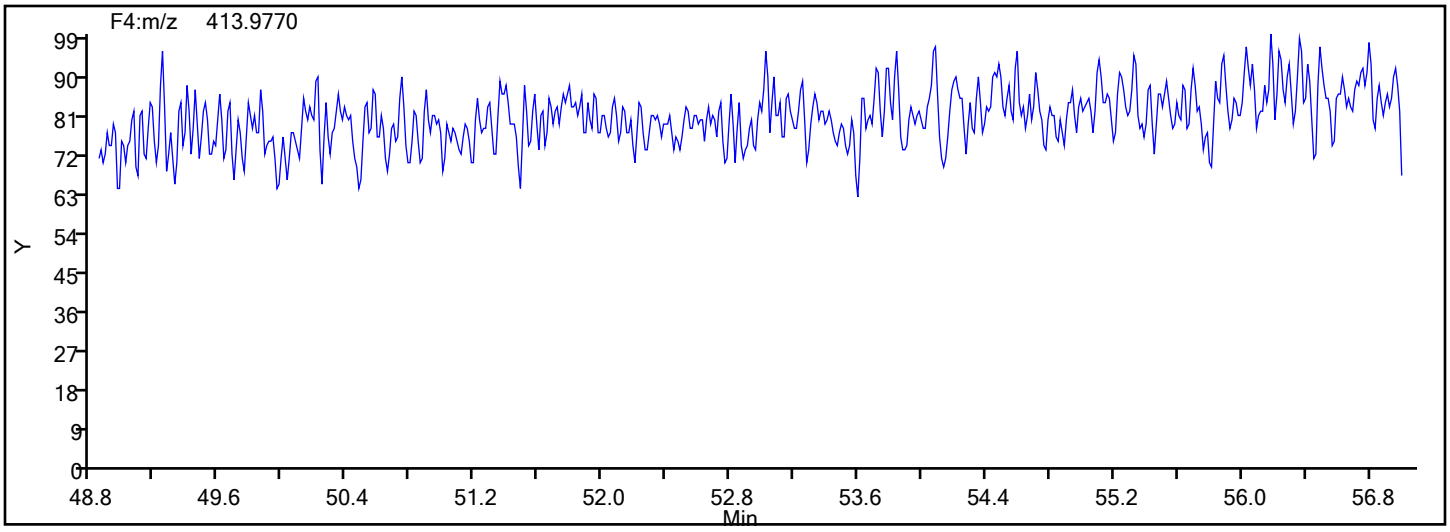
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



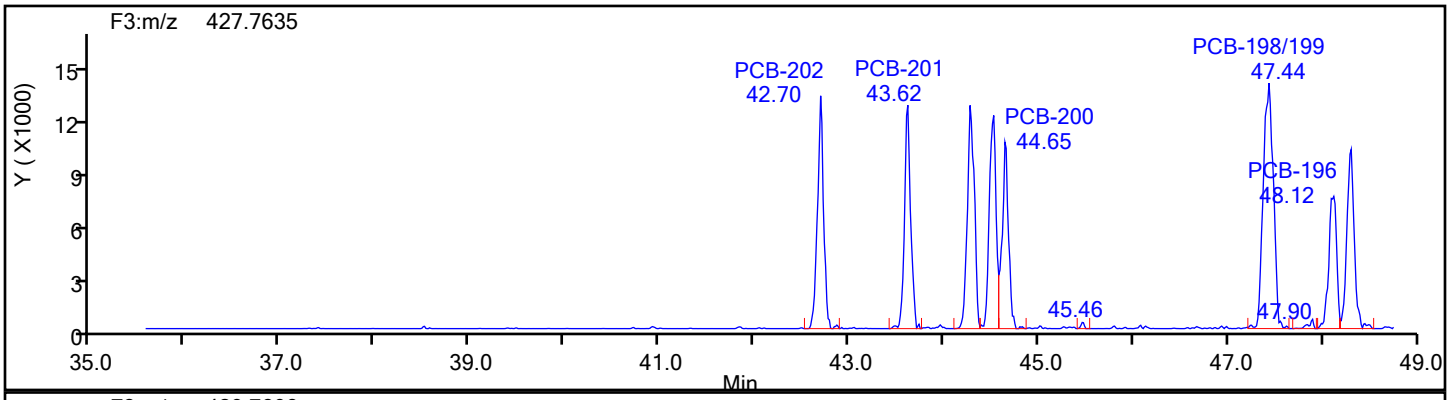
Report Date: 08-Oct-2021 19:10:25 Chrom Revision: 2.3 22-Sep-2021 15:38:46

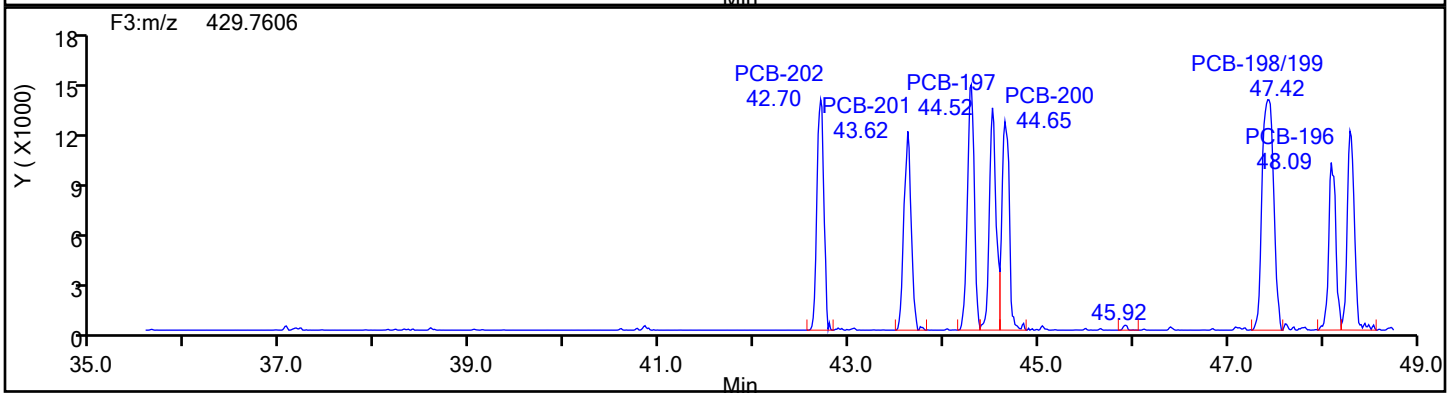
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

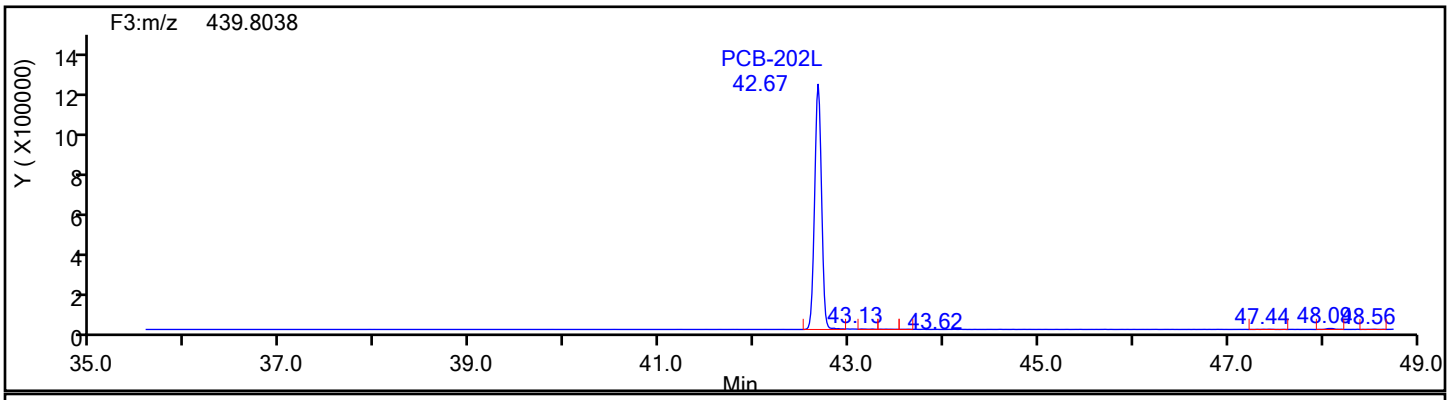
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

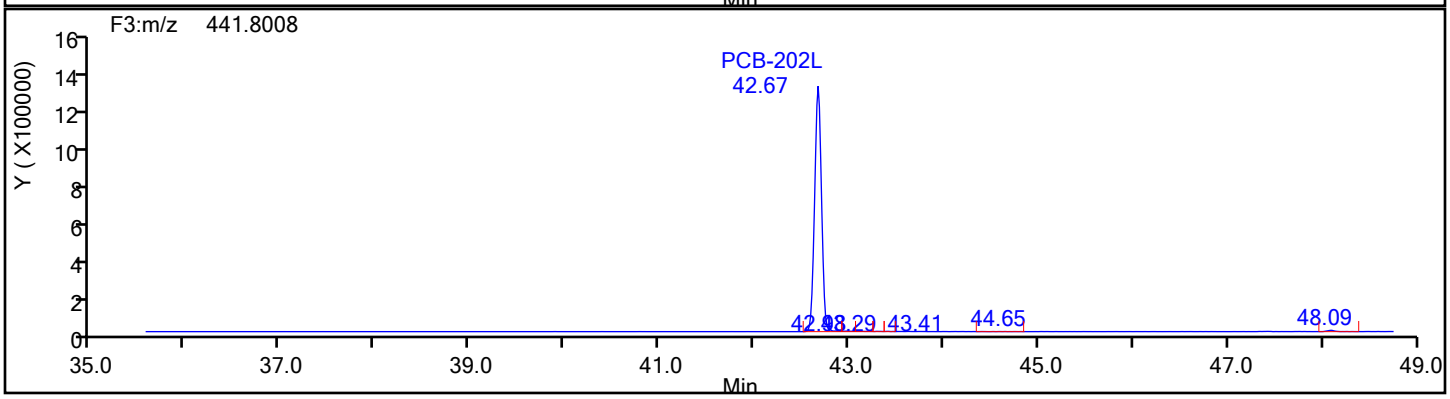
OcPCB F3





OcPCB F3 Standards



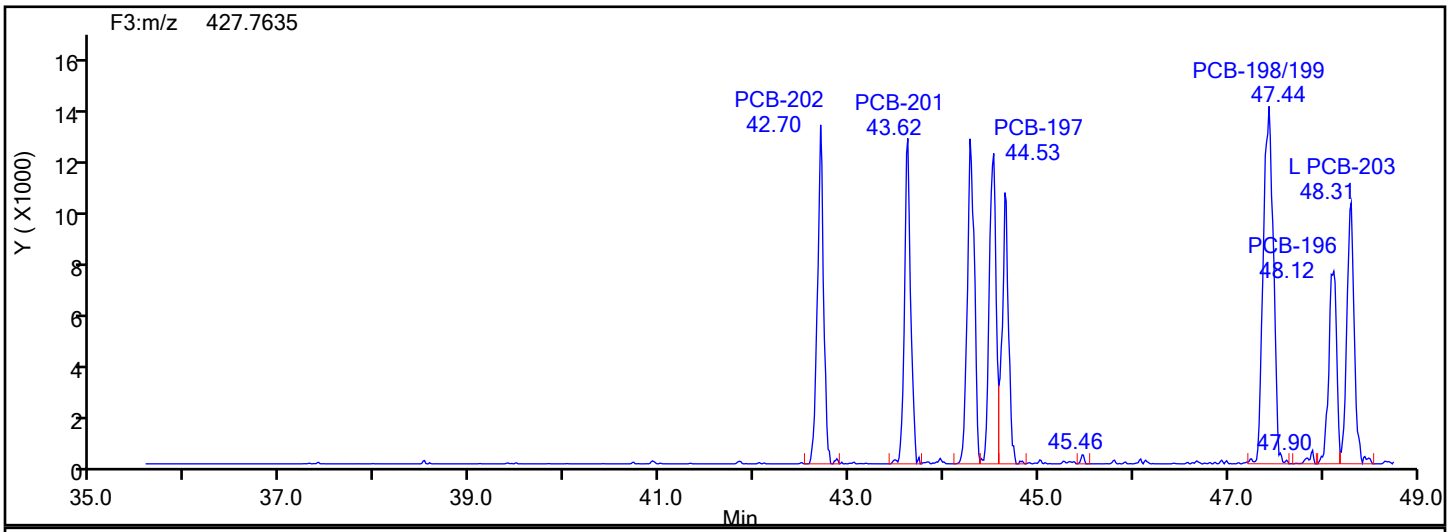


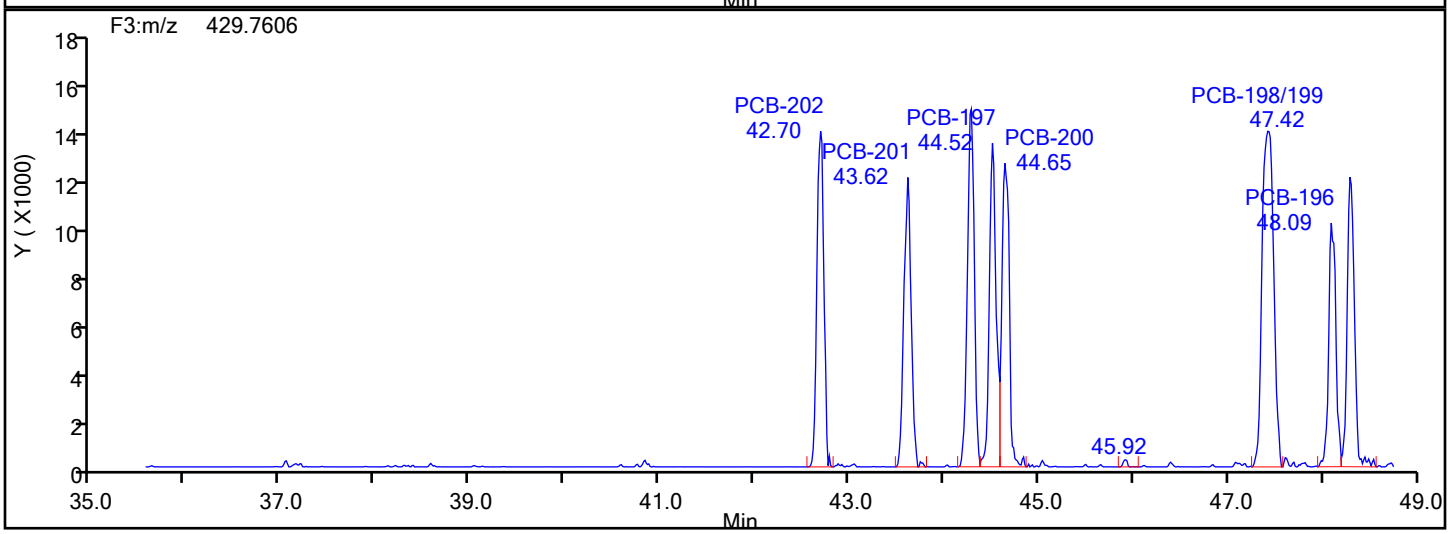
Report Date: 08-Oct-2021 19:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

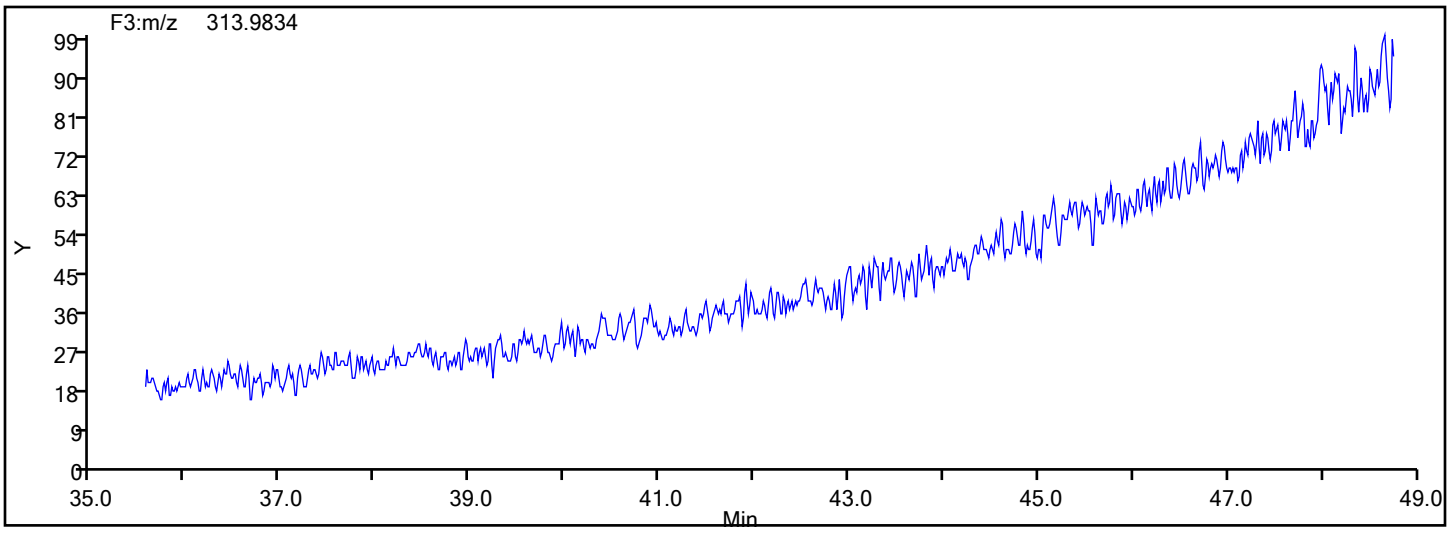
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



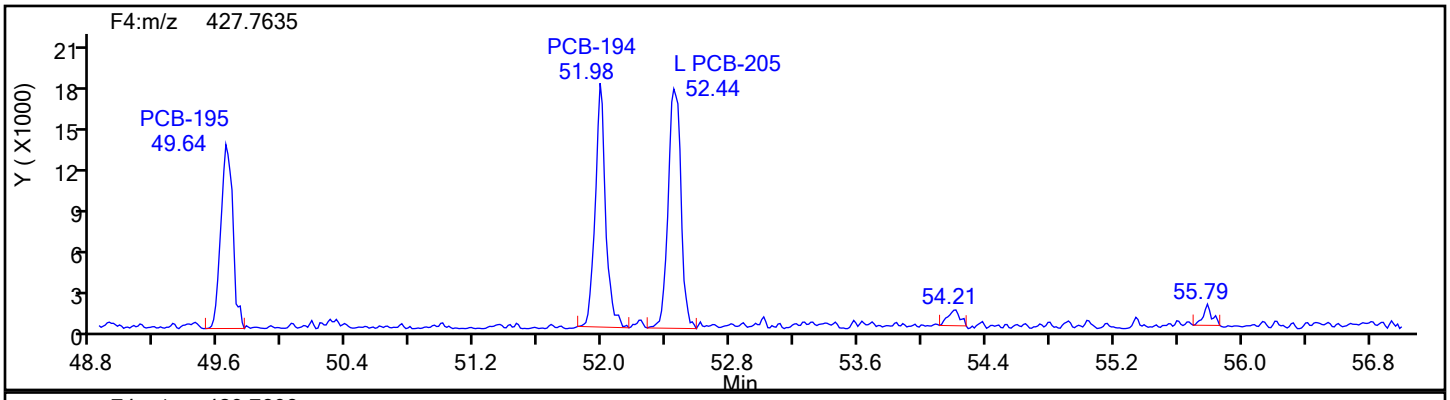
Report Date: 08-Oct-2021 19:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

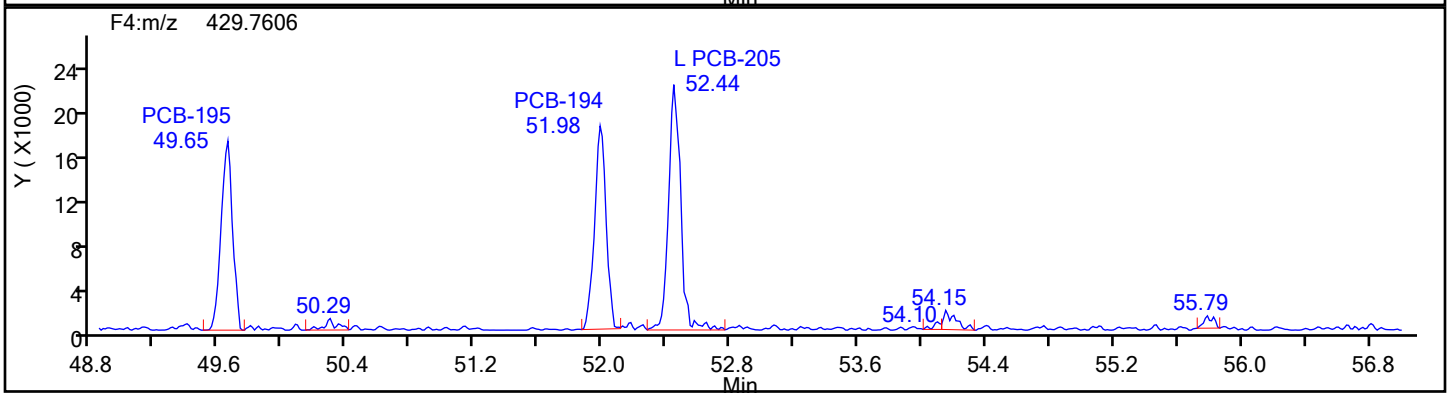
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

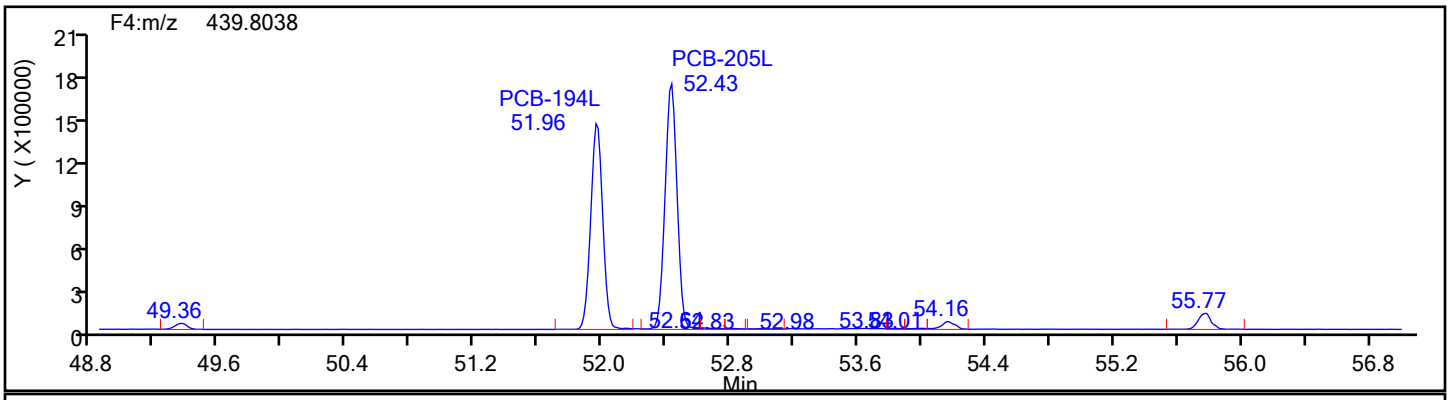
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

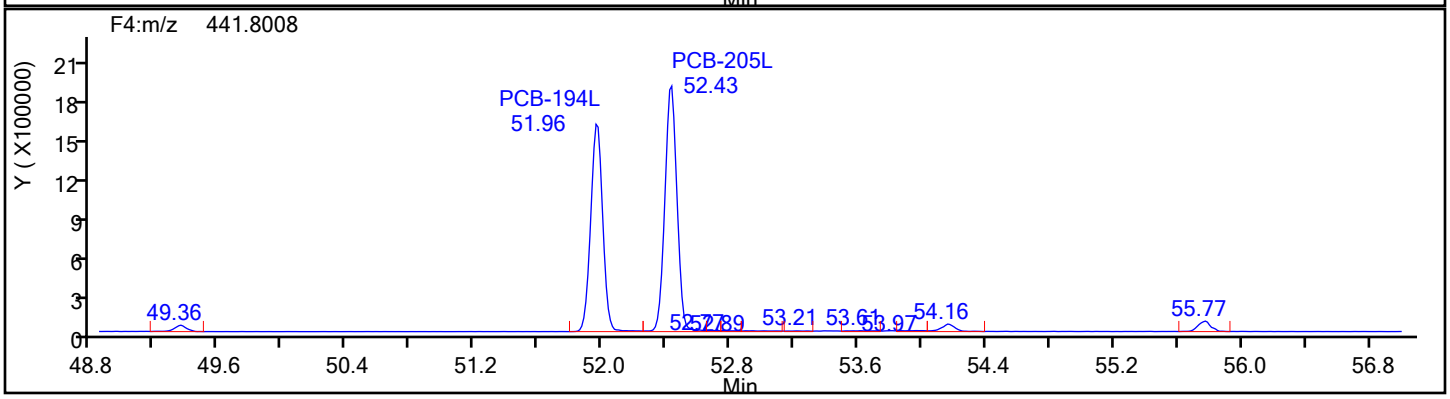
OcPCB F4





OcPCB F4 Standards





Report Date: 08-Oct-2021 19:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
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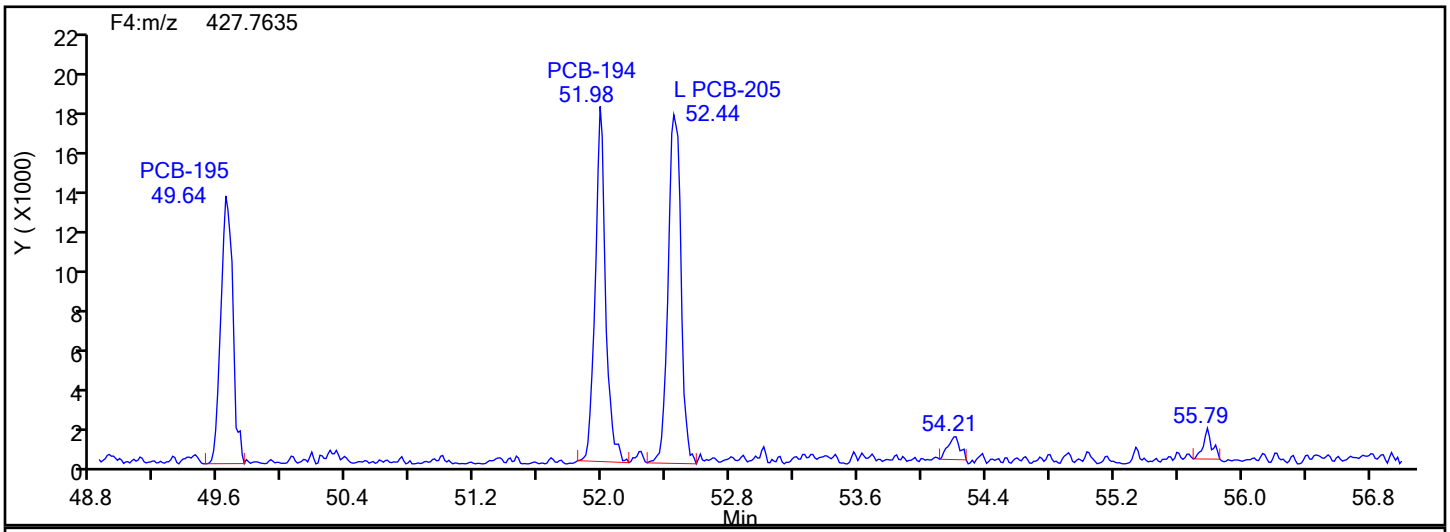
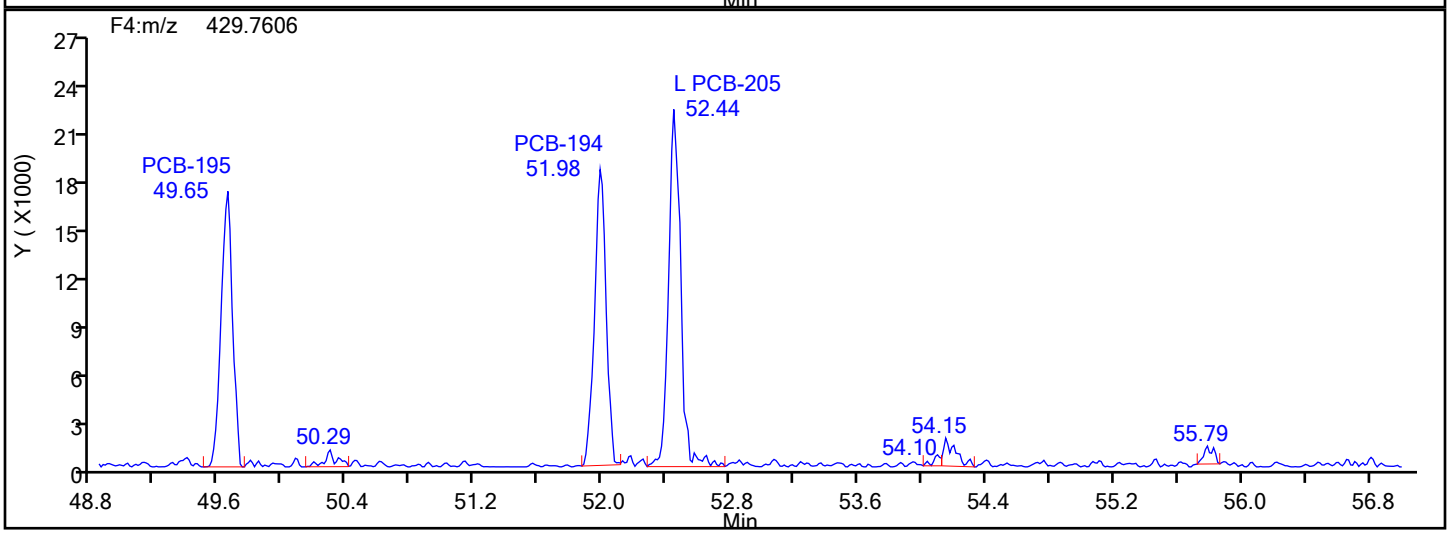
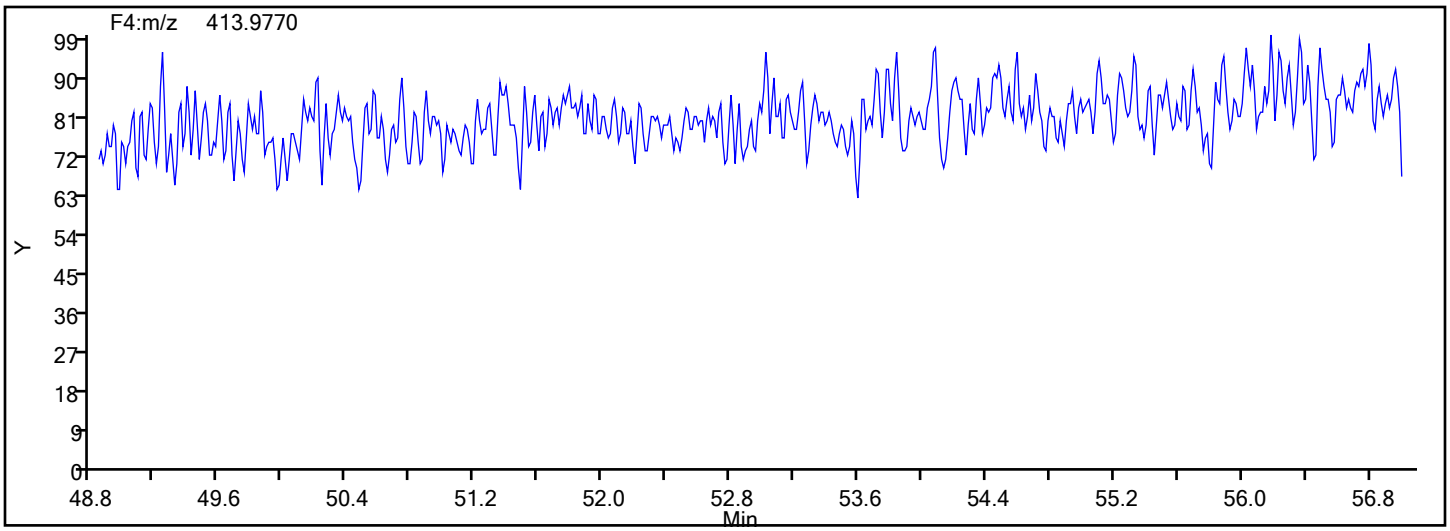
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass

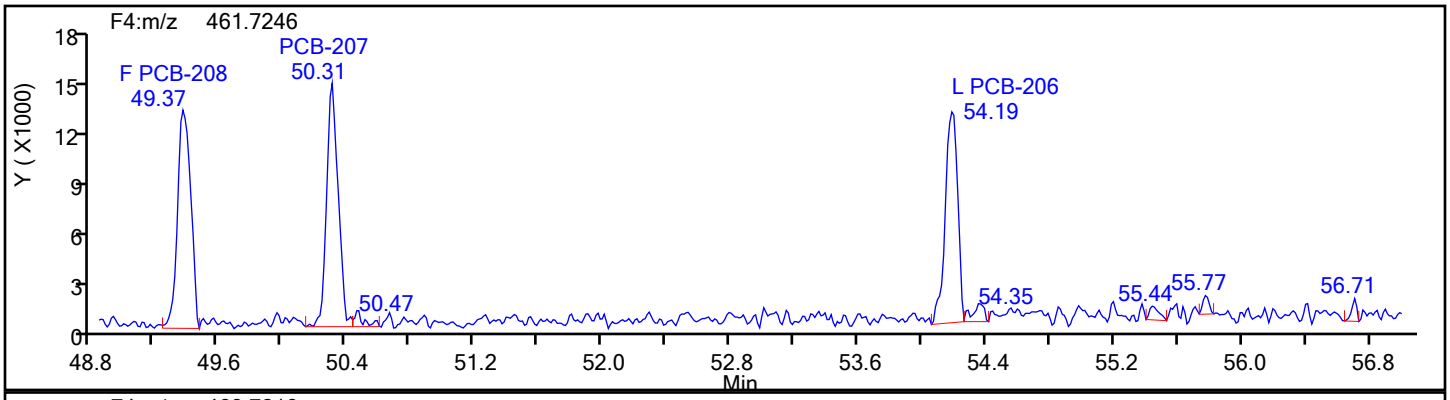


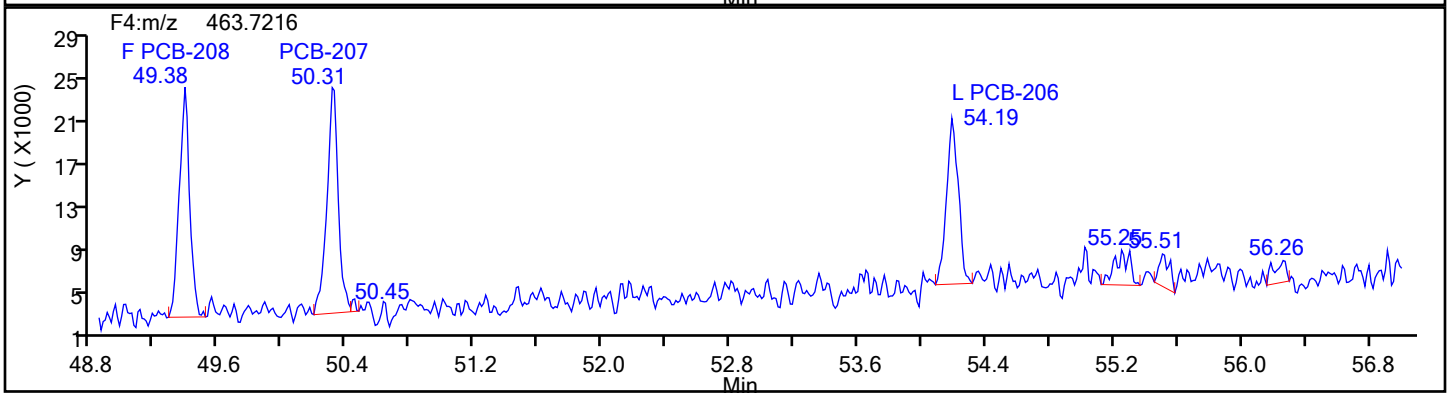
Report Date: 08-Oct-2021 19:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

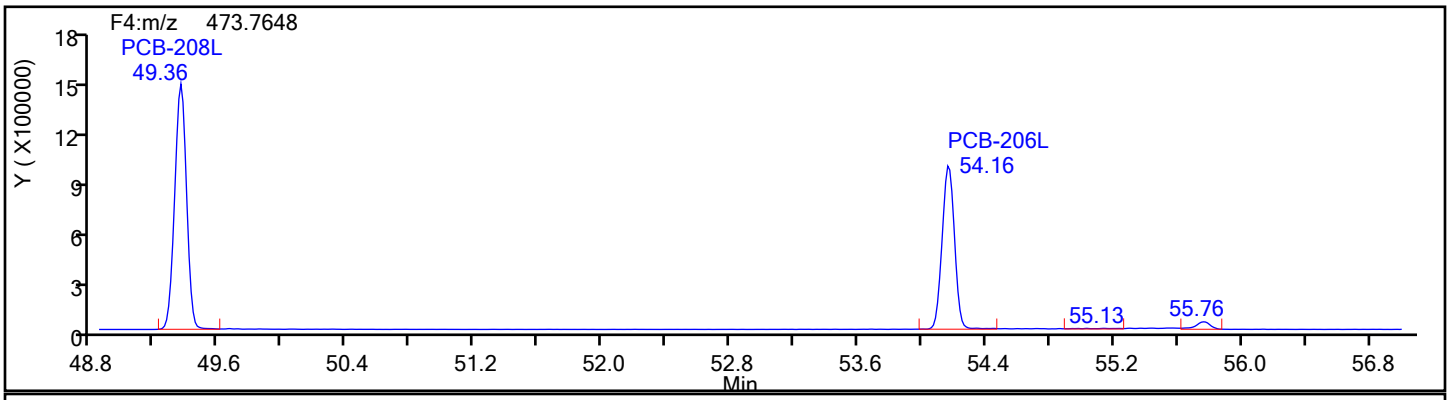
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

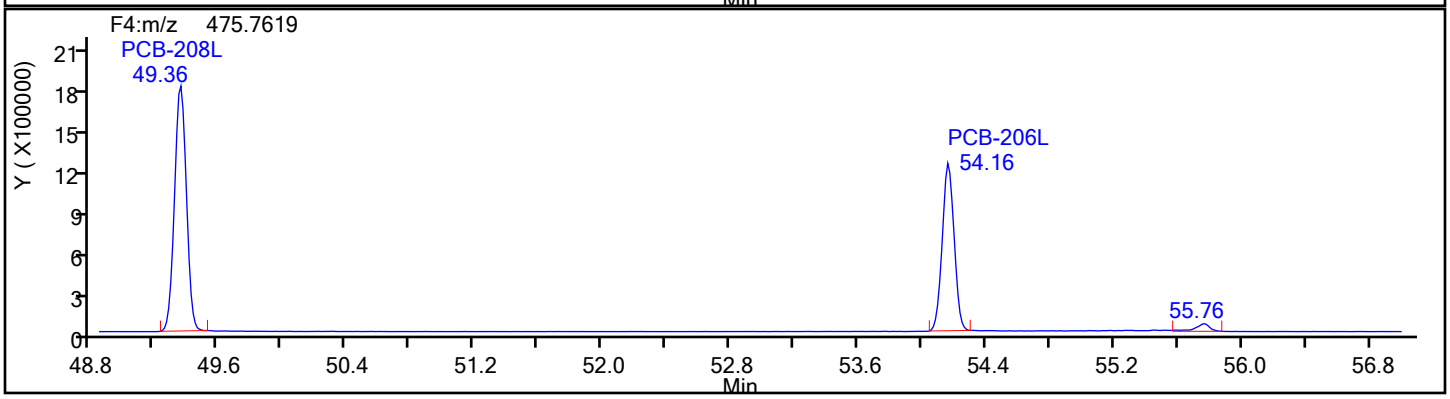
NoPCB F4





NoPCB F4 Standards





Report Date: 08-Oct-2021 19:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Injection Vol: 1.0 ul
Instrument ID: D2D Operator ID: Xcalibur_System
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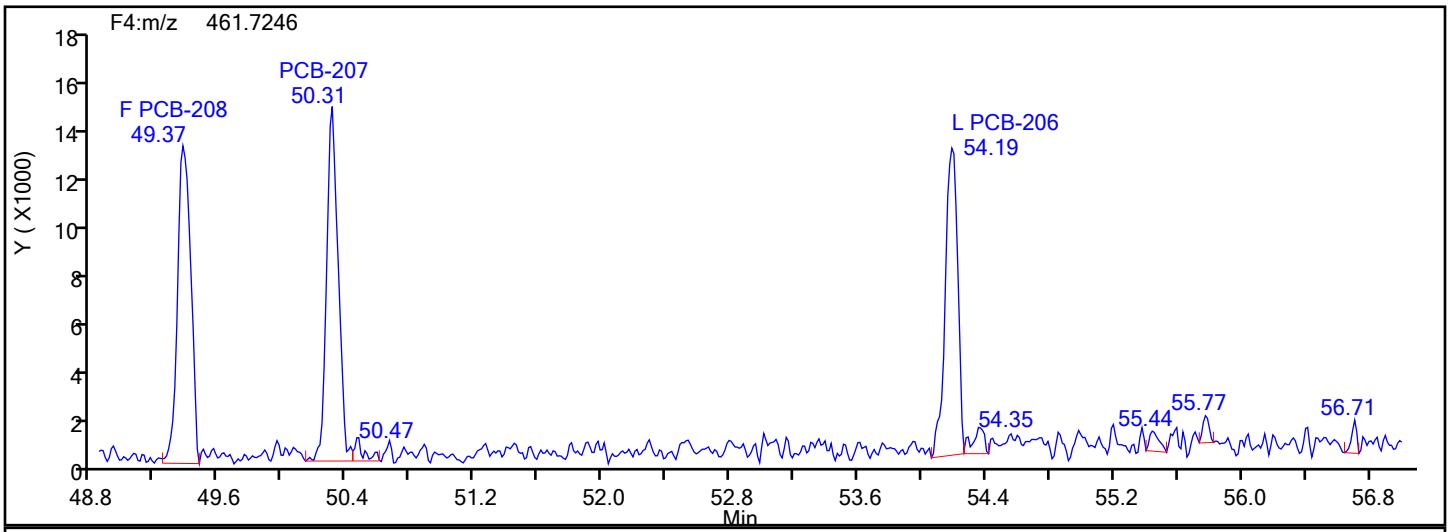
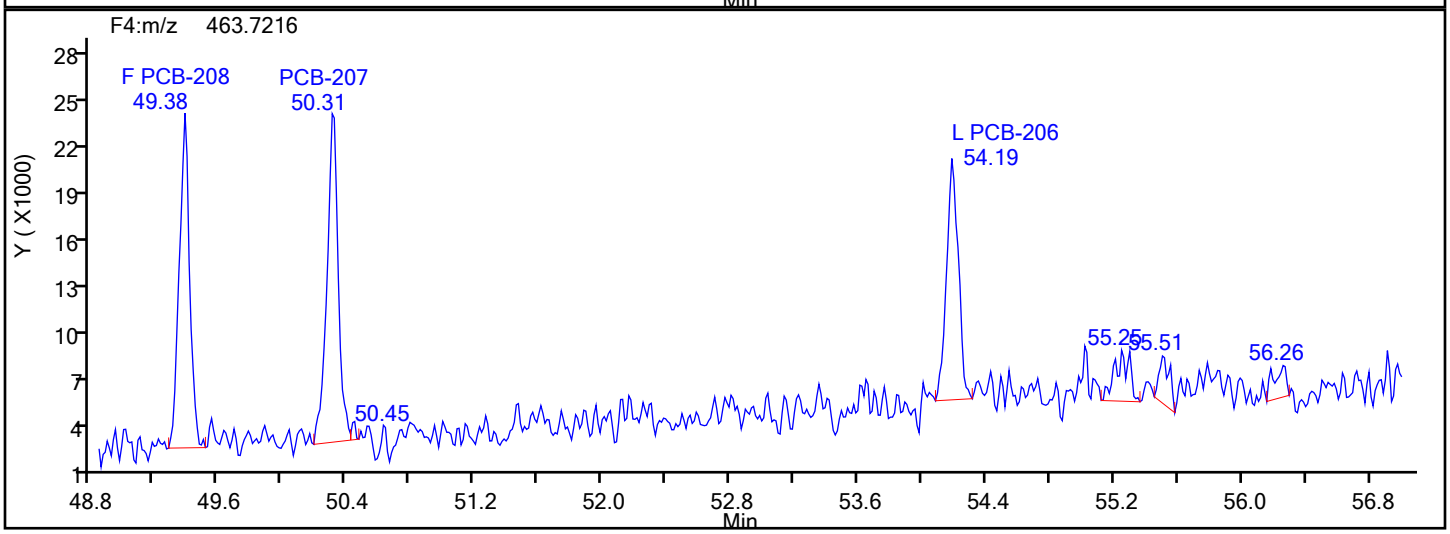
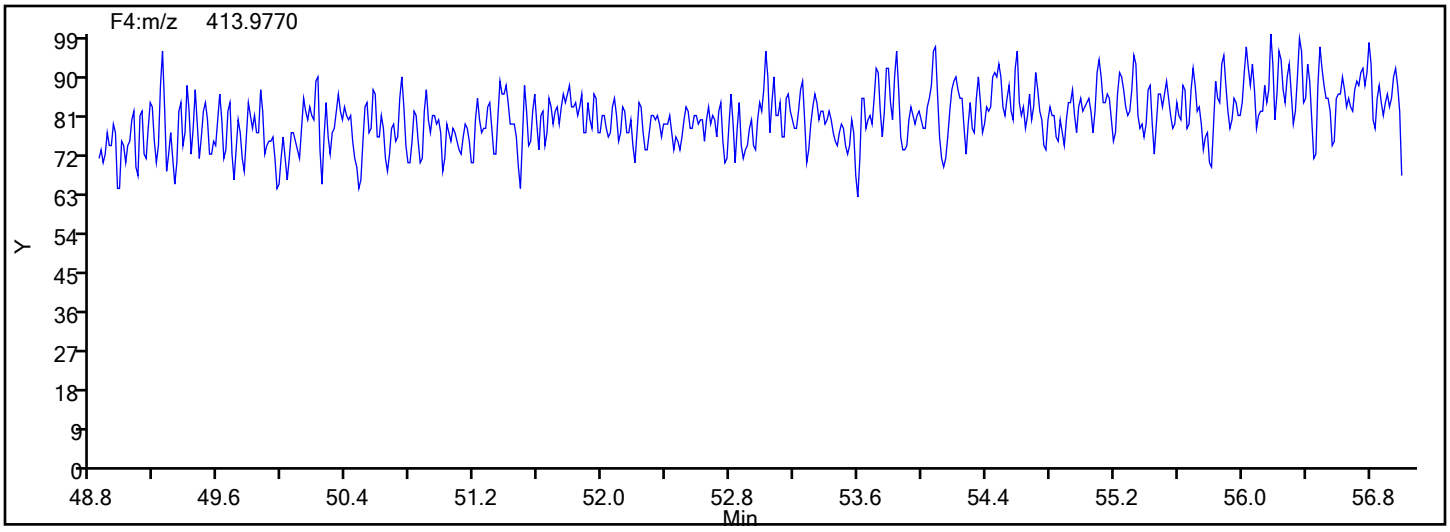
Client ID:
Worklist#: 54640 Sample Line#: 2
Column Type: Column Dia:

NoPCB F4





NoPCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

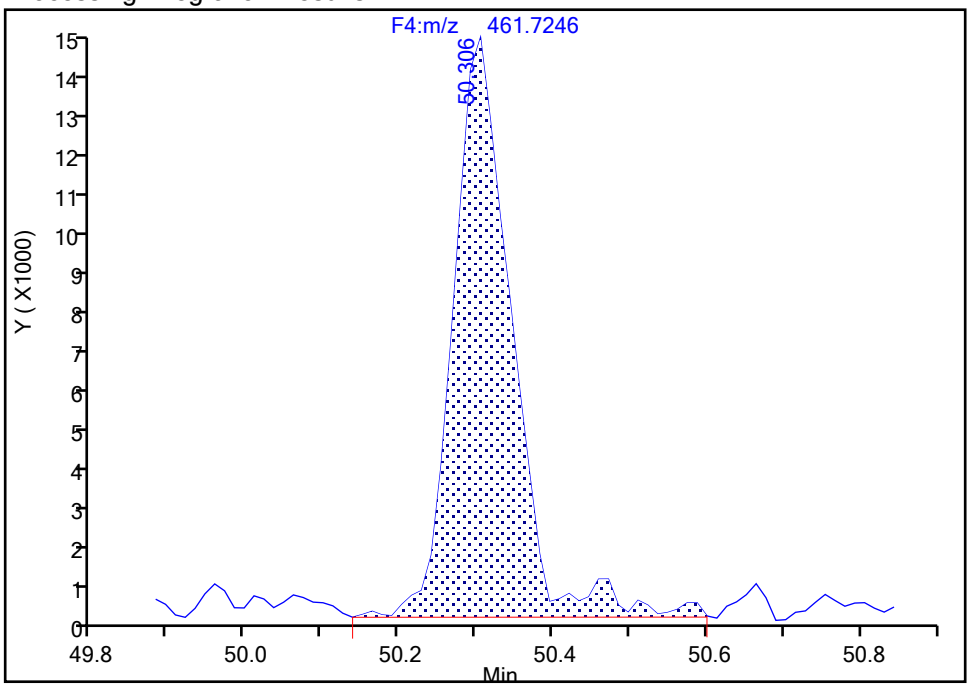
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-207, CAS: 52663-79-3

Signal: 1

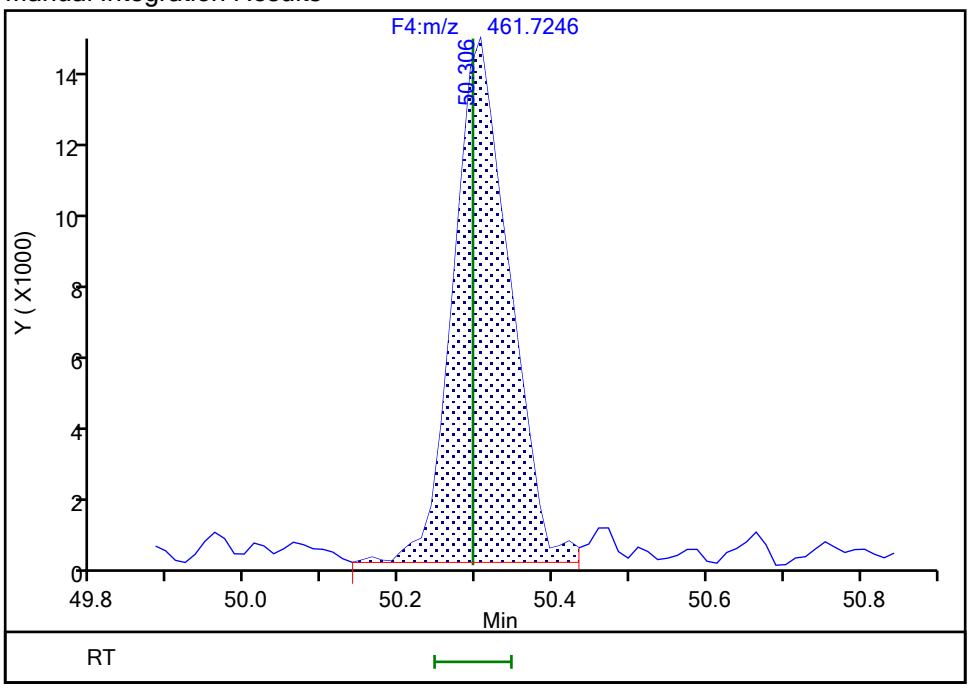
Processing Integration Results

RT: 50.31
Area: 78760
Amount: 1.038544
Amount Units: pg/ul



Manual Integration Results

RT: 50.31
Area: 74958
Amount: 1.031530
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:17:00
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

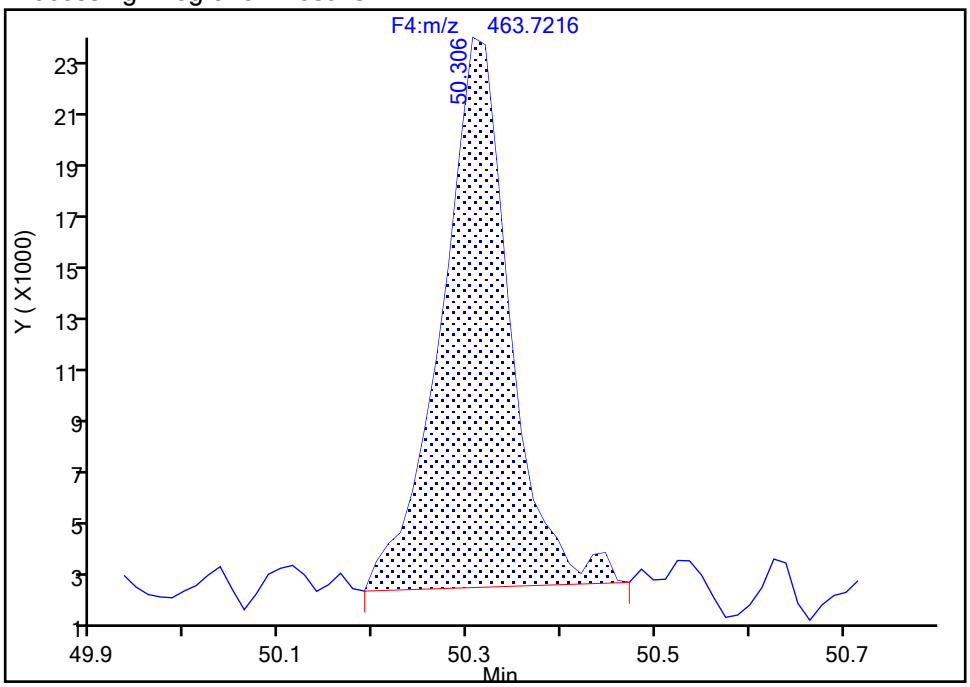
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

PCB-207, CAS: 52663-79-3

Signal: 2

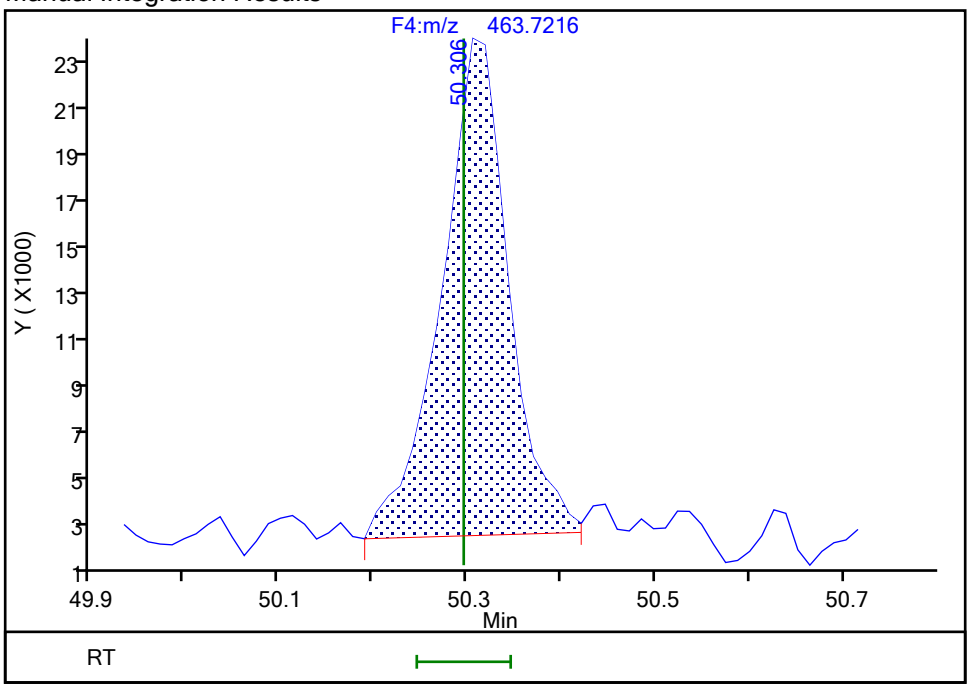
Processing Integration Results

RT: 50.31
Area: 104514
Amount: 1.038544
Amount Units: pg/ul



Manual Integration Results

RT: 50.31
Area: 102599
Amount: 1.031530
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 14:17:07

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d

Injection Date: 08-Oct-2021 12:38:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

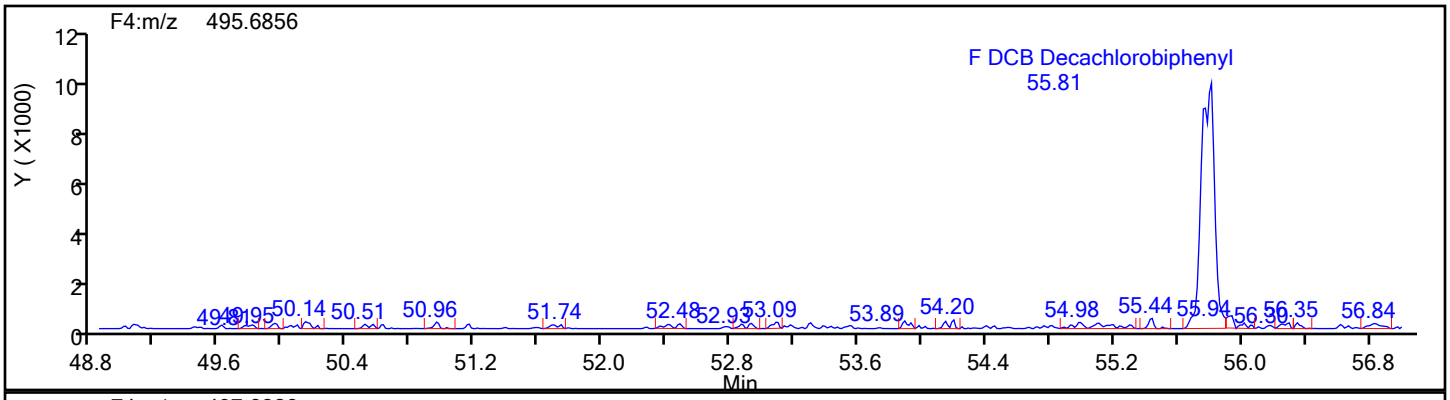
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

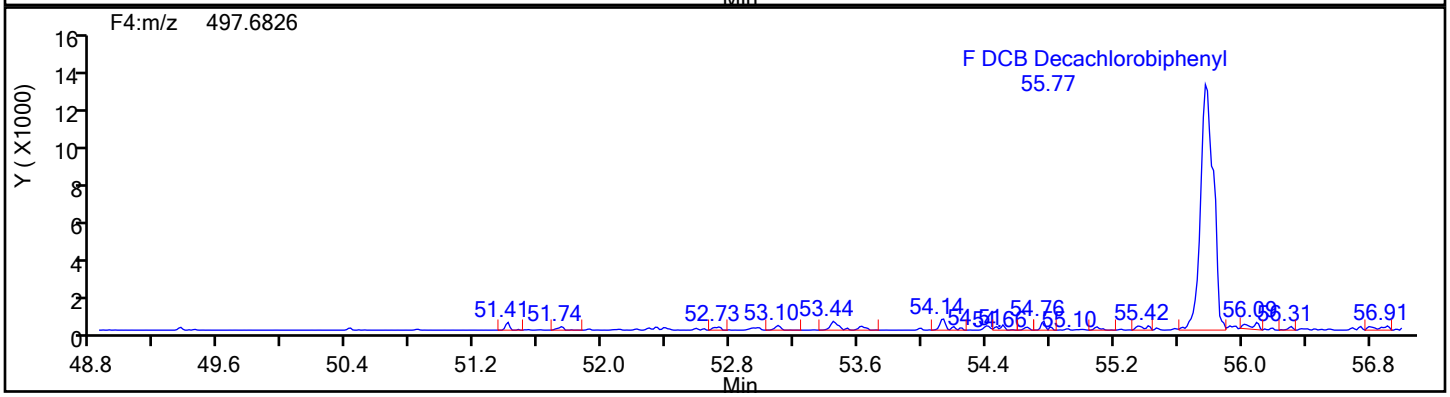
Client ID:

Worklist#: 54640 Sample Line#: 2

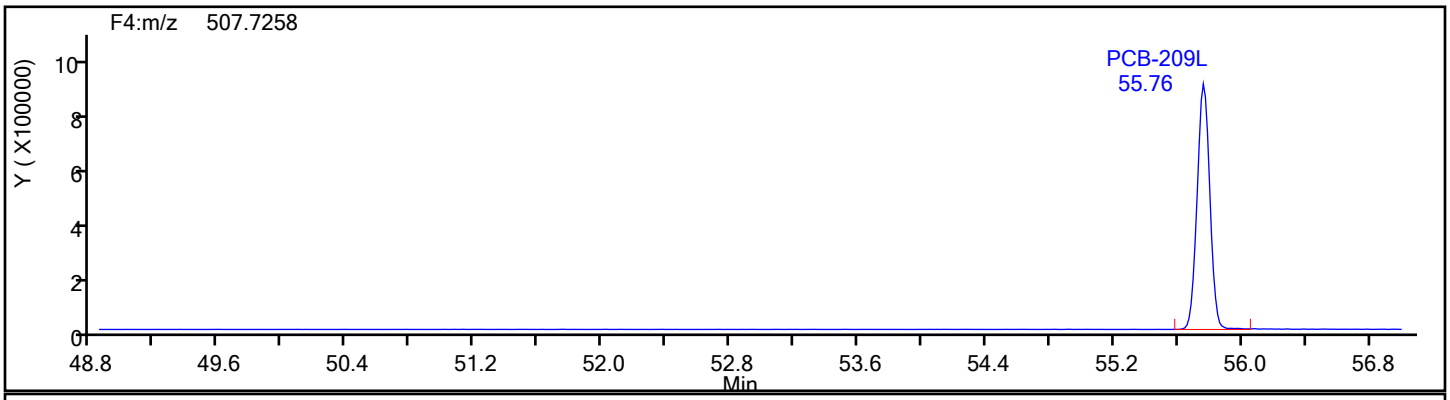
Column Type: Column Dia:

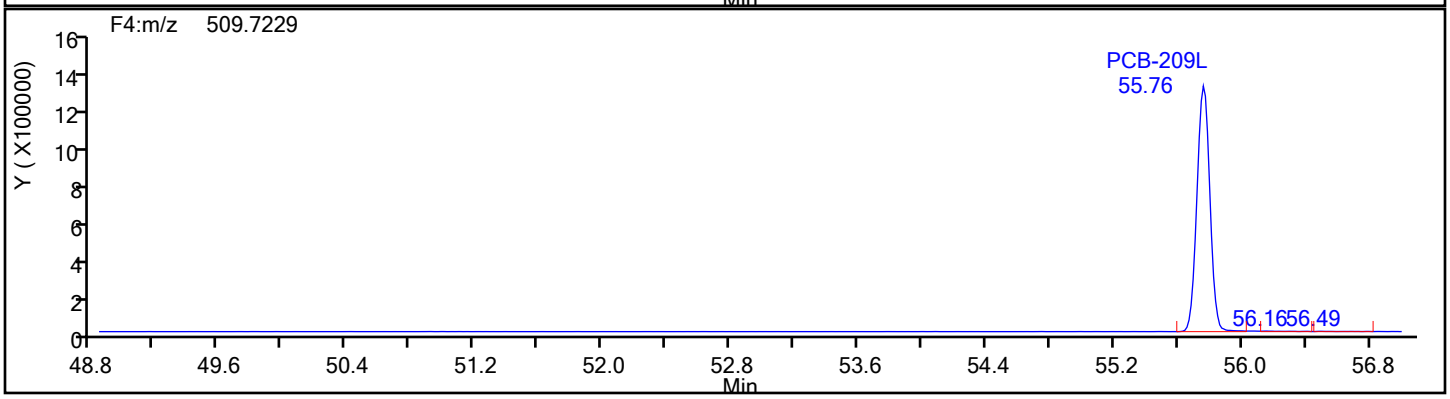
DePCB F4





DePCB F4 Standards



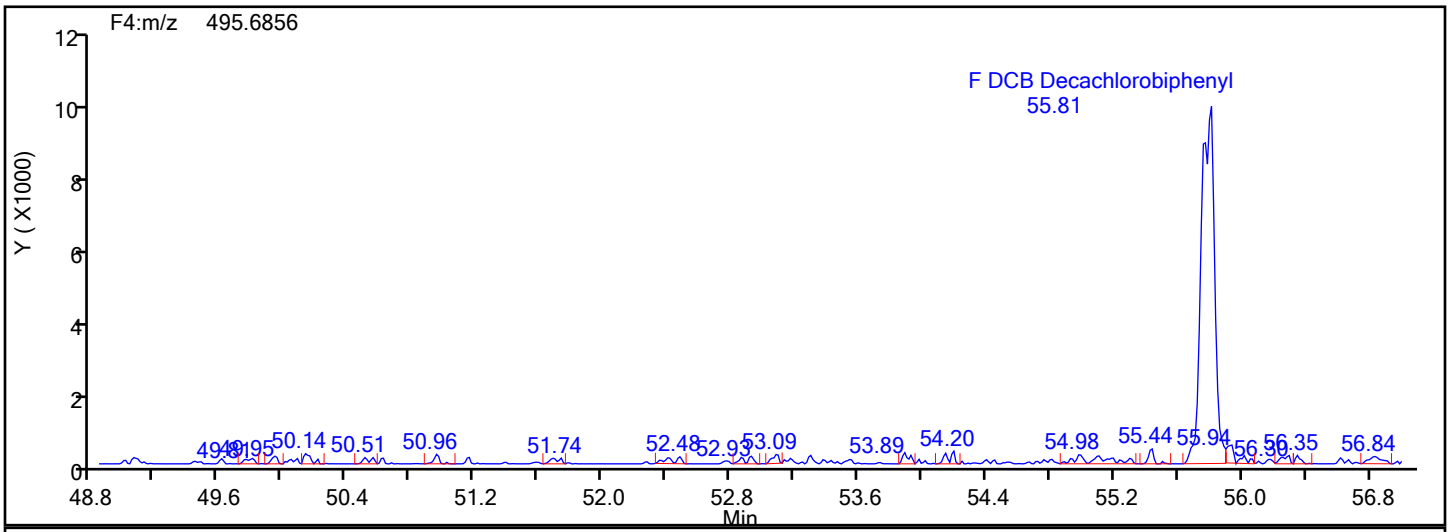


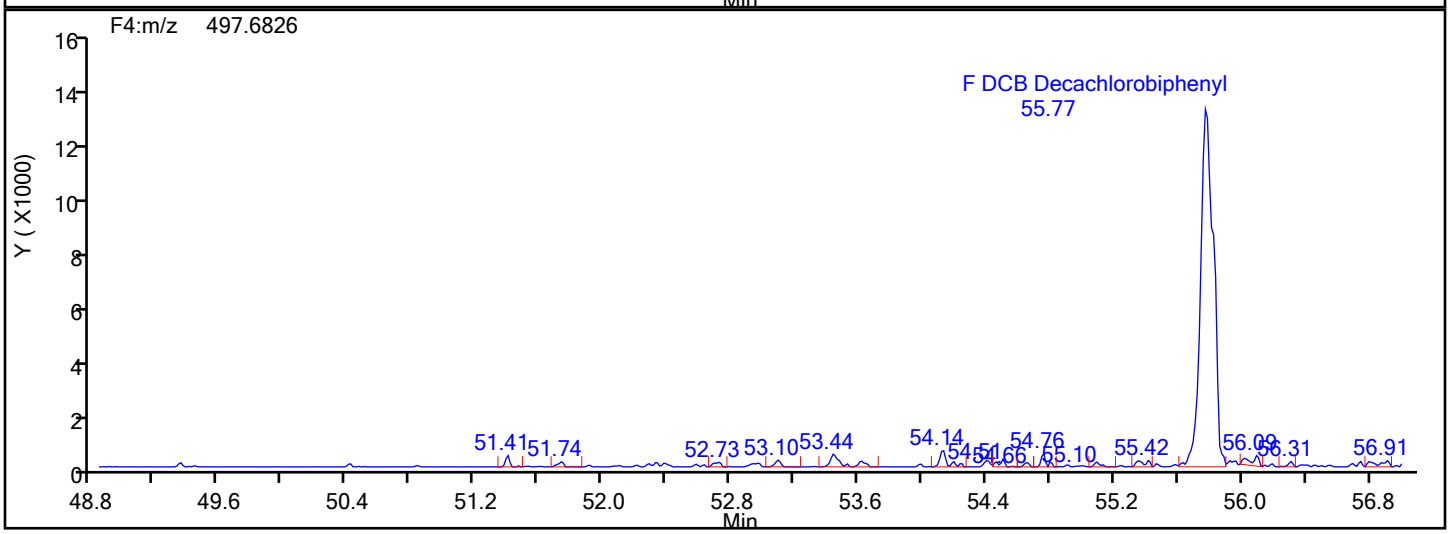
Report Date: 08-Oct-2021 19:10:26 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

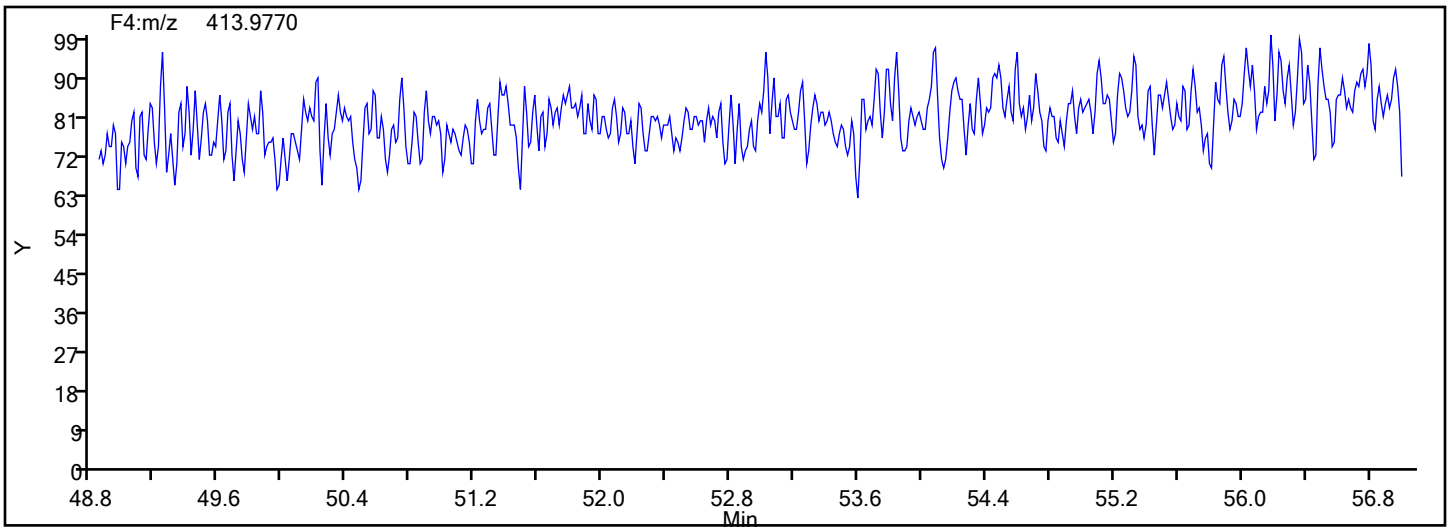
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d		
Injection Date:	08-Oct-2021 12:38:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	2
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

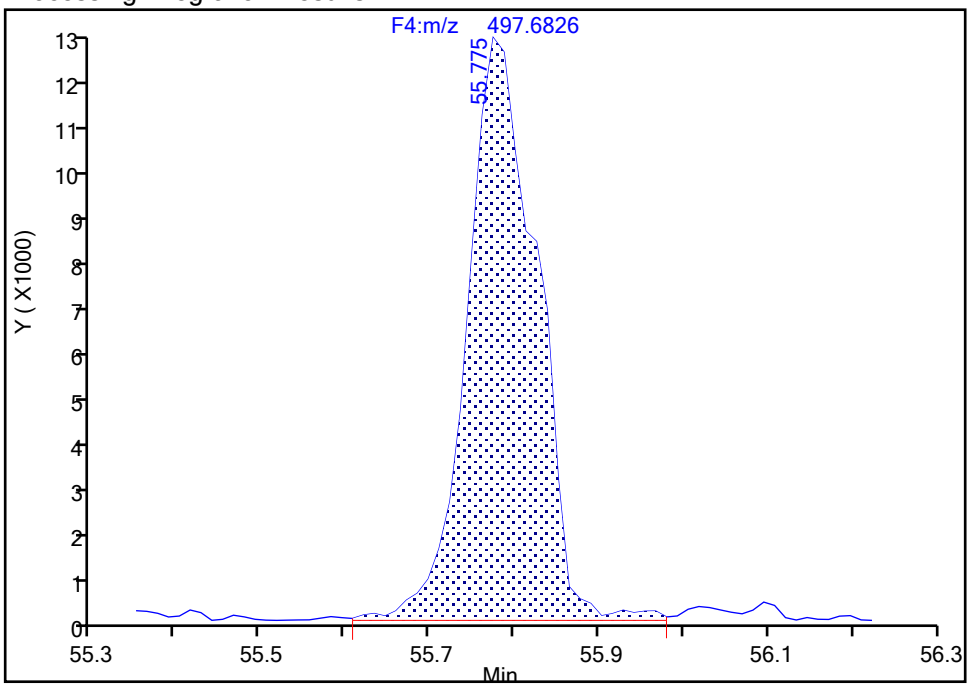
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d				
Injection Date:	08-Oct-2021 12:38:00	Instrument ID:	D2D		
Lims ID:	IC L2				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F4(49.20 :57.50)		

DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 2

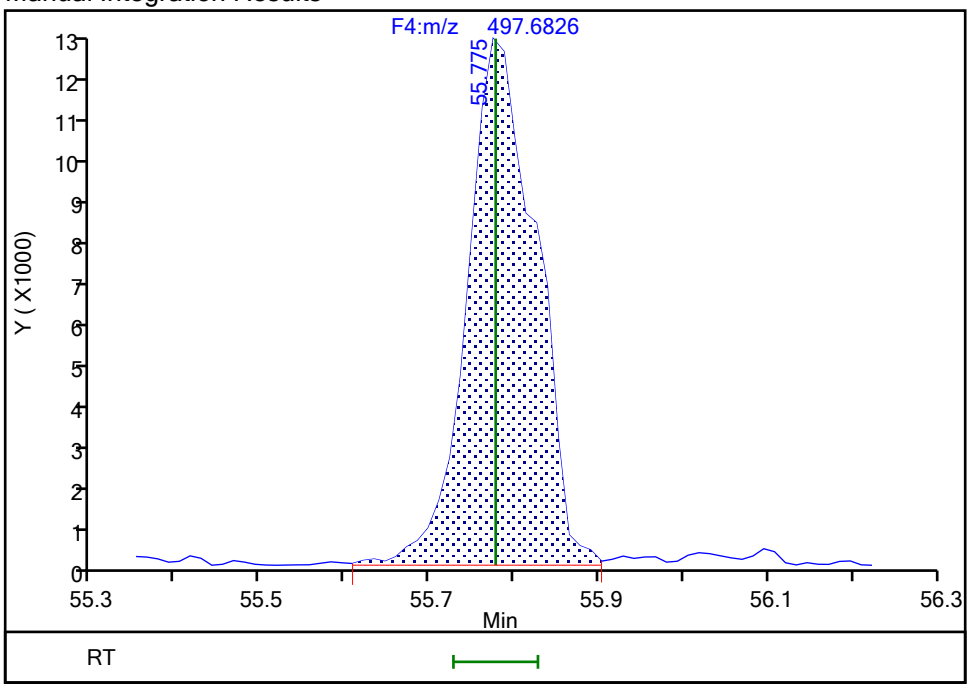
Processing Integration Results

RT: 55.77
Area: 71789
Amount: 0.821176
Amount Units: pg/ul



Manual Integration Results

RT: 55.77
Area: 70981
Amount: 0.995494
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:51:17

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

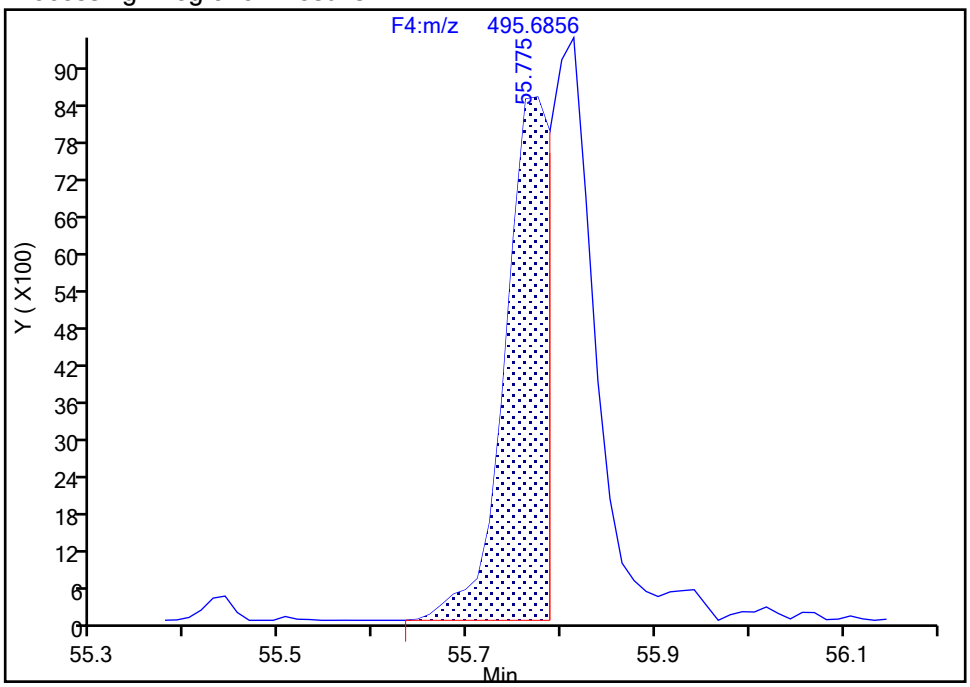
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211008ic2.d
Injection Date: 08-Oct-2021 12:38:00 Instrument ID: D2D
Lims ID: IC L2
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F4(49.20 :57.50)

DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

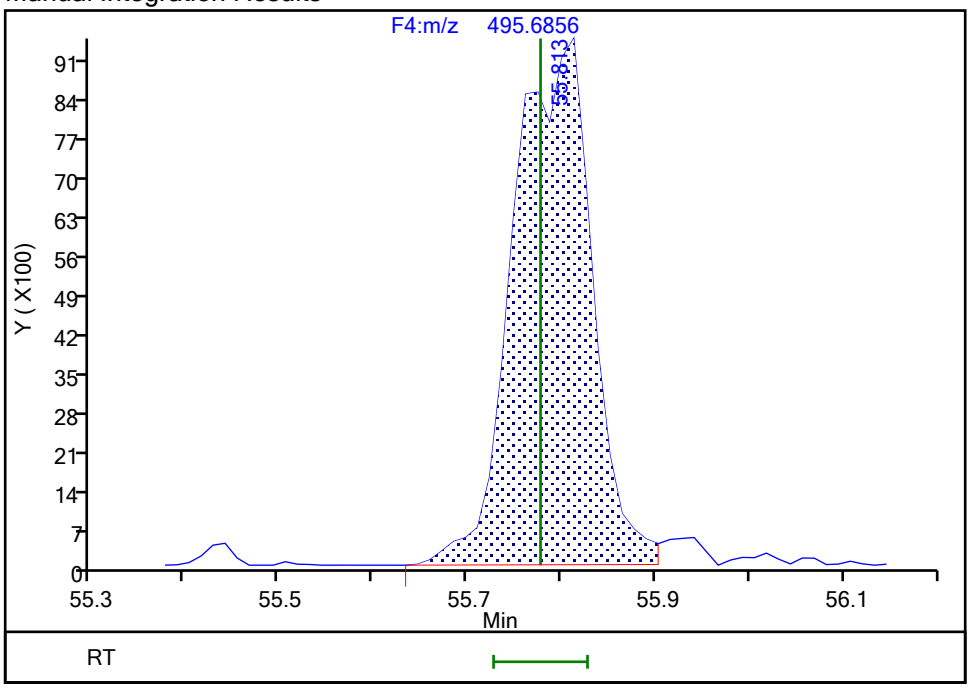
Processing Integration Results

RT: 55.77
Area: 26413
Amount: 0.821176
Amount Units: pg/ul



Manual Integration Results

RT: 55.81
Area: 55191
Amount: 0.995494
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 13:51:20
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Lims ID: IC L3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-Oct-2021 13:53:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-003
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:10:52 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 15:16:33

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					14.3	14.3	0.0254	0.0254		
D PCB-1L	11:49	27821107	3.16	1.3572	100.0	100.0	0.1592	0.1592	100	
D PCB-3L	13:59	28814988	3.22	1.4136	99.5	99.5	0.1529	0.1529	99.46	
PCB-1	11:50	1635646	3.20	1.2253	4.798	4.798	0.0240	0.0240	95.97	
PCB-2	13:49	1684140	3.29	1.2638	4.706	4.706	0.0249	0.0249	94.11	
PCB-3	14:00	1695936	3.20	1.2343	4.768	4.768	0.0273	0.0273	95.36	
S Total Dichlorobiphenyls					57.7	57.7	0.0135	0.0135		
D PCB-4L	14:15	12672398	1.57	0.6168	100.2	100.2	0.0861	0.0861	100	
* PCB-9L	16:11	20493312	1.60	2E+05	100.0	100.0				
$ PCB-8L	17:03	934539	1.77	1.0903	4.835	4.835	0.0614	0.0614	96.70	
D PCB-15L	20:08	22781646	1.65	1.1198	99.3	99.3	0.0474	0.0474	99.28	
PCB-4	14:15	758067	1.57	1.2801	4.673	4.673	0.0155	0.0155	93.46	
PCB-10	14:26	1008897	1.62	1.1542	4.931	4.931	0.0152	0.0152	98.62	
PCB-9	16:12	1170744	1.59	1.3642	4.841	4.841	0.0129	0.0129	96.82	
PCB-7	16:22	1058042	1.55	1.2485	4.780	4.780	0.0141	0.0141	95.61	
PCB-6	16:37	1277321	1.53	1.4961	4.816	4.816	0.0117	0.0117	96.32	
PCB-5	16:56	1039029	1.63	1.2206	4.802	4.802	0.0144	0.0144	96.04	
PCB-8	17:04	1310102	1.61	1.5207	4.860	4.860	0.0116	0.0116	97.20	
PCB-14	18:40	1093442	1.66	1.2864	4.795	4.795	0.0137	0.0137	95.90	
PCB-11	19:31	1214300	1.57	1.4418	4.751	4.751	0.0122	0.0122	95.02	
PCB-12	19:50	2204260	1.57	1.2960	9.595	9.595	0.0136	0.0136	95.95	
PCB-13 (C12)	19:50	2204260	1.57	1.2960	9.595	9.595	0.0136	0.0136	95.95	
PCB-15	20:09	1257624	1.51	1.1378	4.852	4.852	0.0139	0.0139	97.04	
S Total Trichlorobiphenyls					115.8	115.8	0.0399	0.0399		
D PCB-19L	17:21	8795876	1.06	0.6075	100.2	100.2	0.3353	0.3353	100	
* PCB-32L	20:36	14450450	1.07	1.4E+05	100.0	100.0				
* PCB-31L	22:52	31541042	1.06	3.1E+05	100.0	100.0				
$ PCB-28L	23:09	1589600	1.06	0.9882	5.100	5.100	0.0897	0.0897	102	Ma
D PCB-37L	27:11	27991176	1.07	0.8960	99.1	99.1	0.0990	0.0990	99.05	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-19	17:22	534935	1.06	1.2904	4.713	4.713	0.0174	0.0174	94.26	
PCB-18	19:09	1489214	1.07	1.8076	9.366	9.366	0.0124	0.0124	93.66	M
PCB-30 (C18)	19:09	1489214	1.07	1.8076	9.366	9.366	0.0124	0.0124	93.66	M
PCB-17	19:38	515751	1.10	1.2151	4.826	4.826	0.0185	0.0185	96.51	
PCB-27	19:52	718009	1.06	1.7146	4.761	4.761	0.0131	0.0131	95.22	
PCB-24	19:59	753005	1.06	1.7741	4.825	4.825	0.0126	0.0126	96.51	
PCB-16	20:07	510303	1.05	1.2003	4.833	4.833	0.0187	0.0187	96.67	
PCB-32	20:37	824453	1.10	1.9703	4.757	4.757	0.0114	0.0114	95.15	
PCB-34	21:52	1340963	1.02	1.0089	4.748	4.748	0.0604	0.0604	94.97	
PCB-23	22:00	1429781	1.00	1.0329	4.945	4.945	0.0590	0.0590	98.91	
PCB-26	22:20	2833913	1.03	1.0037	10.1	10.1	0.0607	0.0607	101	
PCB-29 (C26)	22:20	2833913	1.03	1.0037	10.1	10.1	0.0607	0.0607	101	
PCB-25	22:34	1794542	1.00	1.2995	4.934	4.934	0.0469	0.0469	98.67	
PCB-31	22:53	1654817	0.99	1.2369	4.780	4.780	0.0493	0.0493	95.59	
PCB-20	23:11	3053072	1.02	1.1096	9.830	9.830	0.0549	0.0549	98.30	
PCB-28 (C20)	23:11	3053072	1.02	1.1096	9.830	9.830	0.0549	0.0549	98.30	
PCB-21	23:21	3001367	1.01	1.1245	9.536	9.536	0.0542	0.0542	95.36	M
PCB-33 (C21)	23:21	3001367	1.01	1.1245	9.536	9.536	0.0542	0.0542	95.36	M
PCB-22	23:49	1630281	1.03	1.2027	4.843	4.843	0.0507	0.0507	96.85	
PCB-36	25:22	1766933	1.10	1.2953	4.874	4.874	0.0471	0.0471	97.47	
PCB-39	25:44	1544681	1.05	1.1621	4.749	4.749	0.0525	0.0525	94.97	
PCB-38	26:18	1547580	1.08	1.1759	4.702	4.702	0.0518	0.0518	94.03	
PCB-35	26:48	1546934	1.04	1.1311	4.886	4.886	0.0539	0.0539	97.72	
PCB-37	27:12	1525716	1.03	1.1448	4.761	4.761	0.0533	0.0533	95.23	
S Total Tetrachlorobiphenyls					203.4	203.4	0.0643	0.0643		
D PCB-54L	20:26	9902732	0.80	0.6773	101.2	101.2	0.0322	0.0322	101	
* PCB-52L	24:59	16628579	0.79	1.6E+05	100.0	100.0				
$ PCB-79L	32:56	949312	0.83	0.9218	4.525	4.525	0.1304	0.1304	90.50	
D PCB-81L	33:56	22105797	0.81	1.3497	98.5	98.5	0.1021	0.1021	98.50	
D PCB-77L	34:30	23410586	0.81	1.4256	98.8	98.8	0.0967	0.0967	98.76	
PCB-54	20:28	566007	0.75	1.2064	4.738	4.738	0.0166	0.0166	94.75	
PCB-50	22:37	1673923	0.80	0.7674	9.584	9.584	0.0840	0.0840	95.84	
PCB-53 (C50)	22:37	1673923	0.80	0.7674	9.584	9.584	0.0840	0.0840	95.84	
PCB-45	23:22	1539824	0.84	0.7052	9.595	9.595	0.0914	0.0914	95.95	M
PCB-51 (C45)	23:22	1539824	0.84	0.7052	9.595	9.595	0.0914	0.0914	95.95	M
PCB-46	23:37	664702	0.85	0.5909	4.943	4.943	0.1091	0.1091	98.85	
PCB-52	25:01	927476	0.79	0.8488	4.801	4.801	0.0759	0.0759	96.02	
PCB-43	25:09	2013932	0.79	0.8936	9.903	9.903	0.0721	0.0721	99.03	M
PCB-73 (C43)	25:09	2013932	0.79	0.8936	9.903	9.903	0.0721	0.0721	99.03	M
PCB-49	25:25	1958303	0.82	0.8934	9.631	9.631	0.0721	0.0721	96.31	M
PCB-69 (C49)	25:25	1958303	0.82	0.8934	9.631	9.631	0.0721	0.0721	96.31	M
PCB-48	25:46	825860	0.84	0.7506	4.835	4.835	0.0859	0.0859	96.69	
PCB-44	26:01	2808344	0.80	0.8388	14.7	14.7	0.0768	0.0768	98.08	
PCB-47 (C44)	26:01	2808344	0.80	0.8388	14.7	14.7	0.0768	0.0768	98.08	
PCB-65 (C44)	26:01	2808344	0.80	0.8388	14.7	14.7	0.0768	0.0768	98.08	
PCB-59	26:21	3309397	0.79	1.0042	14.5	14.5	0.0642	0.0642	96.54	
PCB-62 (C59)	26:21	3309397	0.79	1.0042	14.5	14.5	0.0642	0.0642	96.54	
PCB-75 (C59)	26:21	3309397	0.79	1.0042	14.5	14.5	0.0642	0.0642	96.54	
PCB-42	26:33	791714	0.85	0.6874	5.061	5.061	0.0938	0.0938	101	
PCB-40	27:03	2520575	0.82	0.7618	14.5	14.5	0.0846	0.0846	96.93	M
PCB-41 (C40)	27:03	2520575	0.82	0.7618	14.5	14.5	0.0846	0.0846	96.93	M
PCB-71 (C40)	27:03	2520575	0.82	0.7618	14.5	14.5	0.0846	0.0846	96.93	M
PCB-64	27:15	1145687	0.80	1.0318	4.879	4.879	0.0625	0.0625	97.58	
PCB-72	28:04	1268142	0.81	1.1621	4.795	4.795	0.0555	0.0555	95.90	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-68	28:21	1256786	0.81	1.1249	4.909	4.909	0.0573	0.0573	98.18	
PCB-57	28:47	1161953	0.77	1.1107	4.597	4.597	0.0580	0.0580	91.94	
PCB-58	29:01	1397305	0.78	1.2848	4.779	4.779	0.0502	0.0502	95.57	
PCB-67	29:11	1472351	0.76	1.3274	4.874	4.874	0.0486	0.0486	97.48	
PCB-63	29:27	1154682	0.79	1.0648	4.765	4.765	0.0605	0.0605	95.30	
PCB-61	29:48	5173272	0.80	1.1549	19.7	19.7	0.0558	0.0558	98.41	M
PCB-70 (C61)	29:48	5173272	0.80	1.1549	19.7	19.7	0.0558	0.0558	98.41	M
PCB-74 (C61)	29:48	5173272	0.80	1.1549	19.7	19.7	0.0558	0.0558	98.41	M
PCB-76 (C61)	29:48	5173272	0.80	1.1549	19.7	19.7	0.0558	0.0558	98.41	M
PCB-66	30:07	1373890	0.77	1.2325	4.898	4.898	0.0523	0.0523	97.96	
PCB-55	30:17	1386196	0.79	1.2655	4.813	4.813	0.0509	0.0509	96.27	
PCB-56	30:49	1332191	0.78	1.2161	4.813	4.813	0.0530	0.0530	96.27	
PCB-60	31:01	1137447	0.78	1.0554	4.736	4.736	0.0611	0.0611	94.71	
PCB-80	31:24	1417483	0.81	1.2769	4.878	4.878	0.0505	0.0505	97.56	
PCB-79	32:56	1541469	0.79	1.4452	4.687	4.687	0.0446	0.0446	93.73	
PCB-78	33:30	1390361	0.81	1.2116	5.042	5.042	0.0532	0.0532	101	
PCB-81	33:57	1024775	0.84	1.0148	4.568	4.568	0.0645	0.0645	91.36	
PCB-77	34:32	1188127	0.79	1.0498	4.834	4.834	0.0605	0.0605	96.69	
S Total Pentachlorobiphenyls					218.4	218.4	0.0323	0.0323		
D PCB-104L	25:55	14900618	1.57	1.1880	103.8	103.8	0.0213	0.0213	104	
$ PCB-95L	28:54	441877	1.57	0.6819	4.349	4.349	0.0275	0.0275	86.98	
* PCB-101L	31:50	12077775	1.58	1.2E+05	100.0	100.0				
$ PCB-111L	34:30	598190	1.64	1.1801	4.197	4.197	0.0214	0.0214	83.94	
D PCB-123L	36:29	20254098	1.57	0.9399	99.7	99.7	0.6910	0.6910	99.74	
D PCB-118L	36:48	21648563	1.59	0.9794	102.3	102.3	0.6632	0.6632	102	
D PCB-114L	37:20	21305579	1.59	0.9767	101.0	101.0	0.6650	0.6650	101	
D PCB-105L	38:00	20929435	1.59	0.9600	100.9	100.9	0.6765	0.6765	101	
* PCB-127L	39:28	21604803	1.57	2.1E+05	100.0	100.0				
D PCB-126L	41:06	20762908	1.59	0.9554	100.6	100.6	0.6798	0.6798	101	
PCB-104	25:57	698165	1.52	1.0054	4.660	4.660	0.0160	0.0160	93.20	
PCB-96	26:21	811743	1.57	1.1511	4.733	4.733	0.0140	0.0140	94.65	
PCB-103	28:14	591603	1.67	0.8327	4.768	4.768	0.0193	0.0193	95.36	
PCB-94	28:29	507258	1.64	0.6950	4.898	4.898	0.0231	0.0231	97.97	
PCB-95	28:56	562186	1.50	0.7922	4.762	4.762	0.0203	0.0203	95.25	
PCB-93	29:08	1099499	1.60	0.7830	9.424	9.424	0.0205	0.0205	94.24	
PCB-100 (C93)	29:08	1099499	1.60	0.7830	9.424	9.424	0.0205	0.0205	94.24	
PCB-98	29:17	1311348	1.61	0.9182	9.584	9.584	0.0175	0.0175	95.84	M
PCB-102 (C98)	29:17	1311348	1.61	0.9182	9.584	9.584	0.0175	0.0175	95.84	M
PCB-88	29:48	1110481	1.60	0.8023	9.289	9.289	0.0201	0.0201	92.89	M
PCB-91 (C88)	29:48	1110481	1.60	0.8023	9.289	9.289	0.0201	0.0201	92.89	M
PCB-84	30:02	498180	1.53	0.6855	4.877	4.877	0.0235	0.0235	97.54	
PCB-89	30:30	584010	1.55	0.8482	4.621	4.621	0.0190	0.0190	92.41	
PCB-121	30:52	902089	1.67	1.2839	4.716	4.716	0.0125	0.0125	94.31	
PCB-92	31:17	544945	1.59	0.7805	4.685	4.685	0.0206	0.0206	93.71	M
PCB-90	31:50	1999772	1.62	0.9542	14.1	14.1	0.0169	0.0169	93.76	
PCB-101 (C90)	31:50	1999772	1.62	0.9542	14.1	14.1	0.0169	0.0169	93.76	
PCB-113 (C90)	31:50	1999772	1.62	0.9542	14.1	14.1	0.0169	0.0169	93.76	
PCB-83	32:26	1257497	1.56	0.8851	9.535	9.535	0.0182	0.0182	95.35	M
PCB-99 (C83)	32:26	1257497	1.56	0.8851	9.535	9.535	0.0182	0.0182	95.35	M
PCB-112	32:33	982711	1.75	1.4150	4.661	4.661	0.0114	0.0114	93.22	
PCB-86	32:55	4356869	1.58	1.0283	28.4	28.4	0.0156	0.0156	94.78	M
PCB-87 (C86)	32:55	4356869	1.58	1.0283	28.4	28.4	0.0156	0.0156	94.78	M
PCB-97 (C86)	32:55	4356869	1.58	1.0283	28.4	28.4	0.0156	0.0156	94.78	M
PCB-109 (C86)	32:55	4356869	1.58	1.0283	28.4	28.4	0.0156	0.0156	94.78	M
PCB-119 (C86)	32:55	4356869	1.58	1.0283	28.4	28.4	0.0156	0.0156	94.78	M
PCB-125 (C86)	32:55	4356869	1.58	1.0283	28.4	28.4	0.0156	0.0156	94.78	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-85	33:40	2143747	1.56	1.0238	14.1	14.1	0.0157	0.0157	93.69	M
PCB-116 (C85)	33:40	2143747	1.56	1.0238	14.1	14.1	0.0157	0.0157	93.69	M
PCB-117 (C85)	33:40	2143747	1.56	1.0238	14.1	14.1	0.0157	0.0157	93.69	M
PCB-110	33:53	1899303	1.59	1.3556	9.403	9.403	0.0119	0.0119	94.03	
PCB-115 (C110)	33:53	1899303	1.59	1.3556	9.403	9.403	0.0119	0.0119	94.03	
PCB-82	34:11	610024	1.63	0.8520	4.805	4.805	0.0189	0.0189	96.10	
PCB-111	34:32	869783	1.56	1.2217	4.778	4.778	0.0132	0.0132	95.56	
PCB-120	34:59	1066190	1.70	1.5157	4.721	4.721	0.0106	0.0106	94.42	
PCB-108	36:09	2253025	1.63	1.0910	9.843	9.843	0.0645	0.0645	98.43	
PCB-124 (C108)	36:09	2253025	1.63	1.0910	9.843	9.843	0.0645	0.0645	98.43	
PCB-107	36:23	1188321	1.53	1.2004	4.718	4.718	0.0587	0.0587	94.37	
PCB-123	36:30	977467	1.51	1.0447	4.620	4.620	0.0678	0.0678	92.39	
PCB-106	36:37	1194225	1.63	1.1708	4.862	4.862	0.0601	0.0601	97.24	
PCB-118	36:50	1066949	1.60	1.0261	4.803	4.803	0.0661	0.0661	96.07	M
PCB-122	37:11	918828	1.59	0.9264	4.728	4.728	0.0760	0.0760	94.55	M
PCB-114	37:22	1119176	1.63	1.0927	4.807	4.807	0.0626	0.0626	96.14	
PCB-105	38:02	1099828	1.57	1.0755	4.886	4.886	0.0666	0.0666	97.72	
PCB-127	39:29	1211816	1.61	1.1835	4.881	4.881	0.0595	0.0595	97.61	
PCB-126	41:07	1223994	1.62	1.2284	4.799	4.799	0.0599	0.0599	95.98	
S Total Hexachlorobiphenyls					201.7	201.7	0.0752	0.0752		
D PCB-155L	31:33	13989978	1.26	1.1357	102.0	102.0	0.0260	0.0260	102	
$ PCB-153L	38:40	869188	1.35	0.8141	5.575	5.575	0.7023	0.7023	112	
* PCB-138L	39:56	14939090	1.29	1.5E+05	100.0	100.0				
D PCB-167L	42:56	19175870	1.27	1.2662	101.4	101.4	0.4574	0.4574	101	
D PCB-156L	44:07	37670475	1.27	1.2515	201.5	201.5	0.4628	0.4628	101	
D PCB-157L (C156L)	44:07	37670475	1.27	1.2515	201.5	201.5	0.4628	0.4628	101	
D PCB-169L	47:21	19747264	1.27	1.3070	101.1	101.1	0.4431	0.4431	101	
PCB-155	31:35	641513	1.26	0.9289	4.937	4.937	0.0152	0.0152	98.73	
PCB-152	31:50	753300	1.31	1.1242	4.790	4.790	0.0126	0.0126	95.79	
PCB-150	31:59	675435	1.31	0.9966	4.844	4.844	0.0142	0.0142	96.89	
PCB-136	32:23	634288	1.33	0.9632	4.707	4.707	0.0147	0.0147	94.14	
PCB-145	32:39	730889	1.19	1.0775	4.849	4.849	0.0131	0.0131	96.97	
PCB-148	34:08	509121	1.29	0.7376	4.934	4.934	0.0192	0.0192	98.67	
PCB-135	34:49	998995	1.32	0.7414	9.632	9.632	0.0191	0.0191	96.32	M
PCB-151 (C135)	34:49	998995	1.32	0.7414	9.632	9.632	0.0191	0.0191	96.32	M
PCB-154	34:59	548397	1.32	0.8223	4.767	4.767	0.0172	0.0172	95.34	
PCB-144	35:19	496061	1.31	0.7371	4.810	4.810	0.0192	0.0192	96.21	
PCB-147	35:41	1531416	1.25	0.8634	9.263	9.263	0.1011	0.1011	92.63	
PCB-149 (C147)	35:41	1531416	1.25	0.8634	9.263	9.263	0.1011	0.1011	92.63	
PCB-134	35:59	1242432	1.25	0.6812	9.525	9.525	0.1282	0.1282	95.25	M
PCB-143 (C134)	35:59	1242432	1.25	0.6812	9.525	9.525	0.1282	0.1282	95.25	M
PCB-139	36:16	1497646	1.27	0.8381	9.332	9.332	0.1042	0.1042	93.32	
PCB-140 (C139)	36:16	1497646	1.27	0.8381	9.332	9.332	0.1042	0.1042	93.32	
PCB-131	36:29	614493	1.29	0.6856	4.681	4.681	0.1274	0.1274	93.62	
PCB-142	36:37	633995	1.31	0.6760	4.898	4.898	0.1292	0.1292	97.95	
PCB-132	36:58	672569	1.27	0.7063	4.973	4.973	0.1236	0.1236	99.46	
PCB-133	37:26	721228	1.26	0.7770	4.847	4.847	0.1124	0.1124	96.95	
PCB-165	37:50	864965	1.27	0.9584	4.713	4.713	0.0911	0.0911	94.27	
PCB-146	38:05	844158	1.25	0.9163	4.811	4.811	0.0953	0.0953	96.22	
PCB-161	38:12	1033211	1.23	1.1406	4.731	4.731	0.0766	0.0766	94.62	
PCB-153	38:43	1911315	1.26	1.0468	9.535	9.535	0.0834	0.0834	95.35	
PCB-168 (C153)	38:43	1911315	1.26	1.0468	9.535	9.535	0.0834	0.0834	95.35	
PCB-141	38:55	737643	1.27	0.7580	5.082	5.082	0.1152	0.1152	102	
PCB-130	39:19	596773	1.29	0.6356	4.903	4.903	0.1374	0.1374	98.06	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-137	39:32	682857	1.27	0.7533	4.734	4.734	0.1159	0.1159	94.67	
PCB-164	39:40	1050064	1.29	1.1173	4.908	4.908	0.0782	0.0782	98.16	
PCB-129	39:58	3232909	1.26	0.8826	19.1	19.1	0.0989	0.0989	95.65	M
PCB-138 (C129)	39:58	3232909	1.26	0.8826	19.1	19.1	0.0989	0.0989	95.65	M
PCB-160 (C129)	39:58	3232909	1.26	0.8826	19.1	19.1	0.0989	0.0989	95.65	M
PCB-163 (C129)	39:58	3232909	1.26	0.8826	19.1	19.1	0.0989	0.0989	95.65	M
PCB-158	40:21	1043873	1.28	1.1331	4.811	4.811	0.0771	0.0771	96.22	
PCB-128	41:11	1765146	1.31	0.9522	9.681	9.681	0.0917	0.0917	96.81	
PCB-166 (C128)	41:11	1765146	1.31	0.9522	9.681	9.681	0.0917	0.0917	96.81	
PCB-159	42:11	1189785	1.23	1.3072	4.753	4.753	0.0668	0.0668	95.07	
PCB-162	42:29	1029841	1.17	1.0935	4.919	4.919	0.0799	0.0799	98.37	
PCB-167	42:57	1011865	1.25	1.1098	4.755	4.755	0.0630	0.0630	95.09	
PCB-156	44:09	1932432	1.24	1.0713	9.577	9.577	0.1075	0.1075	95.77	
PCB-157 (C156)	44:09	1932432	1.24	1.0713	9.577	9.577	0.1075	0.1075	95.77	
PCB-169	47:22	1169948	1.25	1.2249	4.837	4.837	0.0577	0.0577	96.74	
S Total Heptachlorobiphenyls					115.4	115.4	0.004598	0.004598		
D PCB-188L	37:18	15171774	1.04	1.2605	100.1	100.1	0.0167	0.0167	100	
$ PCB-178L	40:22	427353	1.10	0.8365	4.248	4.248	0.0252	0.0252	84.95	Ma
* PCB-180L	45:29	12026992	1.06	1.2E+05	100.0	100.0				
D PCB-170L	46:45	10327872	1.06	0.8524	100.7	100.7	0.0247	0.0247	101	
D PCB-189L	49:52	23896042	1.06	1.4740	100.3	100.3	0.0970	0.0970	100	
PCB-188	37:19	789152	1.03	1.0534	4.938	4.938	0.002966	0.002966	98.75	
PCB-179	37:42	841111	1.08	1.4009	4.709	4.709	0.002688	0.002688	94.18	
PCB-184	38:11	792964	1.05	1.2996	4.786	4.786	0.002897	0.002897	95.71	
PCB-176	38:34	731813	1.10	1.1987	4.789	4.789	0.003141	0.003141	95.77	
PCB-186	39:02	891621	1.05	1.4715	4.753	4.753	0.002559	0.002559	95.05	
PCB-178	40:24	549973	1.08	0.8813	4.894	4.894	0.004272	0.004272	97.89	
PCB-175	41:01	560687	0.98	0.9040	4.865	4.865	0.004165	0.004165	97.29	
PCB-187	41:18	708034	1.06	1.1524	4.819	4.819	0.003267	0.003267	96.38	
PCB-182	41:30	678387	1.06	1.1052	4.814	4.814	0.003407	0.003407	96.29	
PCB-183	41:55	1157190	1.02	0.9716	9.342	9.342	0.003876	0.003876	93.42	M
PCB-185 (C183)	41:55	1157190	1.02	0.9716	9.342	9.342	0.003876	0.003876	93.42	M
PCB-174	42:11	626349	1.08	0.9981	4.922	4.922	0.003773	0.003773	98.44	
PCB-177	42:37	607393	1.10	0.9612	4.956	4.956	0.003917	0.003917	99.12	
PCB-181	42:59	655569	1.06	1.0577	4.861	4.861	0.003560	0.003560	97.23	
PCB-171	43:14	1081895	1.05	0.8964	9.466	9.466	0.004200	0.004200	94.66	
PCB-173 (C171)	43:14	1081895	1.05	0.8964	9.466	9.466	0.004200	0.004200	94.66	
PCB-172	44:51	563552	1.02	0.9283	4.762	4.762	0.004056	0.004056	95.23	
PCB-192	45:07	859960	1.06	1.4131	4.773	4.773	0.002665	0.002665	95.47	
PCB-180	45:29	1441602	1.06	1.1677	9.683	9.683	0.003225	0.003225	96.83	
PCB-193 (C180)	45:29	1441602	1.06	1.1677	9.683	9.683	0.003225	0.003225	96.83	
PCB-191	45:51	783385	1.04	1.2698	4.839	4.839	0.002965	0.002965	96.78	
PCB-170	46:47	542256	1.04	1.0923	4.807	4.807	0.004337	0.004337	96.14	
PCB-190	47:18	800638	1.06	1.3003	4.829	4.829	0.002896	0.002896	96.58	
PCB-189	49:53	1173833	1.05	1.0146	4.842	4.842	0.0277	0.0277	96.83	
S Total Octachlorobiphenyls					57.7	57.7	0.0219	0.0219		
D PCB-202L	42:41	12599426	0.92	1.0390	100.8	100.8	0.0207	0.0207	101	
* PCB-194L	51:58	16161205	0.92	1.5E+05	100.0	100.0				
D PCB-205L	52:26	19564032	0.90	1.2166	99.5	99.5	0.0361	0.0361	99.51	
PCB-202	42:42	625463	0.89	1.0078	4.926	4.926	0.0164	0.0164	98.52	
PCB-201	43:37	580054	0.90	0.9580	4.806	4.806	0.0172	0.0172	96.11	
PCB-204	44:18	664740	0.93	1.1119	4.745	4.745	0.0148	0.0148	94.90	
PCB-197	44:32	642785	0.96	1.0487	4.865	4.865	0.0157	0.0157	97.30	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-200	44:39	597655	0.80	0.9671	4.905	4.905	0.0171	0.0171	98.10	
PCB-198	47:25	1025734	0.88	0.8830	9.220	9.220	0.0187	0.0187	92.20	
PCB-199 (C198)	47:25	1025734	0.88	0.8830	9.220	9.220	0.0187	0.0187	92.20	
PCB-196	48:07	476695	0.91	0.7882	4.800	4.800	0.0209	0.0209	96.00	
PCB-203	48:18	595871	0.87	0.9704	4.874	4.874	0.0170	0.0170	97.47	
PCB-195	49:39	792602	0.89	0.8289	4.887	4.887	0.0394	0.0394	97.75	
PCB-194	51:59	874227	0.87	0.9255	4.828	4.828	0.0353	0.0353	96.56	
PCB-205	52:28	1075392	0.87	1.1267	4.879	4.879	0.0290	0.0290	97.58	
S Total Nonachlorobiphenyls					14.2	14.2	0.2002	0.2002		
D PCB-208L	49:22	16494343	0.80	1.0234	99.7	99.7	0.1514	0.1514	99.73	
D PCB-206L	54:10	11883832	0.80	0.7298	100.8	100.8	0.2123	0.2123	101	
PCB-208	49:23	808308	0.74	1.0457	4.686	4.686	0.1886	0.1886	93.72	
PCB-207	50:19	818548	0.85	1.2328	4.679	4.679	0.1881	0.1881	93.59	
PCB-206	54:11	729448	0.74	1.2570	4.883	4.883	0.2239	0.2239	97.66	
D PCB-209L	55:46	12082566	0.72	0.7565	98.8	98.8	0.0399	0.0399	98.83	
DCB Decachlorobiphenyl	55:48	598427	0.71	1.0418	4.754	4.754	0.0264	0.0264	95.08	
S Polychlorinated biphenyls, Total					989.1	989.1	0.0532	0.0532		

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

61L21668P_00004 Amount Added: 20.00 Units: uL

Report Date: 08-Oct-2021 19:10:53 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Lims ID: IC L3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 08-Oct-2021 13:53:00 ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-003
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:10:52 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 15:16:33

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:49	11:48	1	0.730	21131789	8432074	3272	8180	2577		
202.0766	11:49	11:48	1	0.730	6689318	2617628	1971	4927	1328	3.16(2.66-3.60)	
PCB-3L											
200.0795	13:59	13:58	1	0.863	21993440	7362867	3272	8180	2250		
202.0766	13:59	13:58	1	0.863	6821548	2287237	1971	4927	1160	3.22(2.66-3.60)	
PCB-1											
188.0393	11:50	11:49	1	1.001	1246395	478100	804	2010	595		
190.0363	11:50	11:49	1	1.001	389251	147929	498	1245	297	3.20(2.66-3.60)	
PCB-2											
188.0393	13:49	13:48	1	0.989	1291213	427327	804	2010	532		
190.0363	13:49	13:48	1	0.989	392927	134059	498	1245	269	3.29(2.66-3.60)	
PCB-3											
188.0393	14:00	13:58	1	1.001	1292318	421003	804	2010	524		
190.0363	14:00	13:58	1	1.001	403618	134765	498	1245	271	3.20(2.66-3.60)	
PCB-4L											
234.0406	14:15	14:13	1	0.880	7750820	2610606	1038	2595	2515		
236.0376	14:15	14:13	1	0.880	4921578	1652485	250	625	6610	1.57(1.33-1.79)	
PCB-9L											
234.0406	16:11	16:10	1		12610899	3720238	1038	2595	3584		
236.0376	16:11	16:10	1		7882413	2345106	250	625	9380	1.60(1.33-1.79)	
PCB-8L											
234.0406	17:03	17:01	2	1.197	597045	143499	1038	2595	138		
236.0376	17:03	17:01	2	1.197	337494	84651	250	625	339	1.77(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-15L											
234.0406	20:08	20:06	1	1.243	14174516	3314499	1038	2595	3193		
236.0376	20:08	20:06	1	1.243	8607130	2038194	250	625	8153	1.65(1.33-1.79)	
PCB-4											
222.0003	14:15	14:14	1	1.001	463405	156492	144	360	1087		
223.9974	14:15	14:14	1	1.001	294662	98221	194	485	506	1.57(1.33-1.79)	
PCB-10											
222.0003	14:26	14:24	1	1.013	623132	191294	144	360	1328		
223.9974	14:25	14:24	0	1.012	385765	122033	194	485	629	1.62(1.33-1.79)	
PCB-9											
222.0003	16:12	16:11	1	1.138	717958	205847	144	360	1429		
223.9974	16:12	16:11	1	1.138	452786	130924	194	485	675	1.59(1.33-1.79)	
PCB-7											
222.0003	16:22	16:21	2	1.150	643675	181645	144	360	1261		
223.9974	16:22	16:21	2	1.150	414367	121452	194	485	626	1.55(1.33-1.79)	
PCB-6											
222.0003	16:37	16:36	1	1.167	773151	218816	144	360	1520		
223.9974	16:37	16:36	1	1.167	504170	141548	194	485	730	1.53(1.33-1.79)	
PCB-5											
222.0003	16:56	16:55	1	1.189	644698	183268	144	360	1273		
223.9974	16:56	16:55	1	1.189	394331	115091	194	485	593	1.63(1.33-1.79)	
PCB-8											
222.0003	17:04	17:02	1	1.198	808147	224915	144	360	1562		
223.9974	17:04	17:02	1	1.198	501955	137207	194	485	707	1.61(1.33-1.79)	
PCB-14											
222.0003	18:40	18:39	1	0.927	681724	171676	144	360	1192		
223.9974	18:40	18:39	1	0.927	411718	106181	194	485	547	1.66(1.33-1.79)	
PCB-11											
222.0003	19:31	19:30	1	0.970	742222	169876	144	360	1180		
223.9974	19:31	19:30	1	0.970	472078	106924	194	485	551	1.57(1.33-1.79)	
PCB-12											
222.0003	19:50	19:48	2	0.986	1345631	236783	144	360	1644		
223.9974	19:50	19:48	2	0.986	858629	147693	194	485	761	1.57(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:50	19:48	2	0.986	1345631	236783	144	360	1644		
223.9974	19:50	19:48	2	0.986	858629	147693	194	485	761	1.57(1.33-1.79)	
PCB-15											
222.0003	20:09	20:08	1	1.001	757268	173255	144	360	1203		
223.9974	20:09	20:08	1	1.001	500356	116503	194	485	601	1.51(1.33-1.79)	
PCB-19L											
268.0016	17:21	17:20	1	0.842	4534058	1248092	1060	2650	1177		
269.9986	17:21	17:20	1	0.842	4261818	1168640	1838	4595	636	1.06(0.88-1.20)	
PCB-32L											
268.0016	20:36	20:35	1		7459647	1830699	1060	2650	1727		
269.9986	20:36	20:35	1		6990803	1726262	1838	4595	939	1.07(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31L											
268.0016	22:52	22:50	2		16210666	3758321	1721	4302	2184		
269.9986	22:52	22:50	2		15330376	3539209	868	2170	4077	1.06(0.88-1.20)	
PCB-28L											Ma
268.0016	23:09	23:08	2	1.013	816113	146343	1721	4302	85		M
269.9986	23:09	23:08	1	1.012	773487	137897	868	2170	159	1.06(0.88-1.20)	
PCB-37L											
268.0016	27:11	27:10	1	1.189	14458056	2928640	1721	4302	1702		
269.9986	27:11	27:10	1	1.189	13533120	2766109	868	2170	3187	1.07(0.88-1.20)	
PCB-19											
255.9613	17:22	17:21	1	1.002	274952	75809	134	335	566		
257.9584	17:22	17:21	1	1.002	259983	67475	83	207	813	1.06(0.88-1.20)	
PCB-18											M
255.9613	19:09	19:08	1	1.104	771032	121771	134	335	909		M
257.9584	19:09	19:08	1	1.104	718182	112025	83	207	1350	1.07(0.88-1.20)	M
PCB-30 (C18)											M
255.9613	19:09	19:08	1	1.104	771032	121771	134	335	909		M
257.9584	19:09	19:08	1	1.104	718182	112025	83	207	1350	1.07(0.88-1.20)	M
PCB-17											
255.9613	19:38	19:37	1	1.132	270523	72992	134	335	545		
257.9584	19:38	19:37	1	1.132	245228	64332	83	207	775	1.10(0.88-1.20)	
PCB-27											
255.9613	19:52	19:51	1	1.145	370187	93364	134	335	697		
257.9584	19:52	19:51	1	1.145	347822	92043	83	207	1109	1.06(0.88-1.20)	
PCB-24											
255.9613	19:59	19:58	1	1.152	387580	99993	134	335	746		
257.9584	19:59	19:58	1	1.152	365425	91943	83	207	1108	1.06(0.88-1.20)	
PCB-16											
255.9613	20:07	20:06	1	1.159	261236	65764	134	335	491		
257.9584	20:07	20:06	1	1.159	249067	58035	83	207	699	1.05(0.88-1.20)	
PCB-32											
255.9613	20:37	20:36	2	1.189	431224	104087	134	335	777		
257.9584	20:37	20:36	1	1.188	393229	94268	83	207	1136	1.10(0.88-1.20)	
PCB-34											
255.9613	21:52	21:51	1	1.260	678174	163017	746	1865	219		
257.9584	21:52	21:51	1	1.260	662789	163149	643	1607	254	1.02(0.88-1.20)	
PCB-23											
255.9613	22:00	21:59	1	1.269	713935	170409	746	1865	228		
257.9584	22:00	21:59	1	1.269	715846	169862	643	1607	264	1.00(0.88-1.20)	
PCB-26											
255.9613	22:20	22:18	2	1.288	1436701	325552	746	1865	436		
257.9584	22:20	22:18	2	1.288	1397212	316368	643	1607	492	1.03(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:20	22:18	2	1.288	1436701	325552	746	1865	436		
257.9584	22:20	22:18	2	1.288	1397212	316368	643	1607	492	1.03(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											
255.9613	22:34	22:32	2	0.830	898842	196812	746	1865	264		
257.9584	22:34	22:32	2	0.830	895700	187128	643	1607	291	1.00(0.88-1.20)	
PCB-31											
255.9613	22:53	22:51	1	0.842	824112	196832	746	1865	264		
257.9584	22:53	22:51	1	0.842	830705	191856	643	1607	298	0.99(0.88-1.20)	
PCB-20											
255.9613	23:11	23:10	1	0.853	1543586	254529	746	1865	341		
257.9584	23:11	23:10	1	0.853	1509486	243147	643	1607	378	1.02(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:11	23:10	1	0.853	1543586	254529	746	1865	341		
257.9584	23:11	23:10	1	0.853	1509486	243147	643	1607	378	1.02(0.88-1.20)	
PCB-21											M
255.9613	23:21	23:20	1	0.859	1510474	190439	746	1865	255		M
257.9584	23:21	23:20	1	0.859	1490893	182758	643	1607	284	1.01(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:21	23:20	1	0.859	1510474	190439	746	1865	255		M
257.9584	23:21	23:20	1	0.859	1490893	182758	643	1607	284	1.01(0.88-1.20)	M
PCB-22											
255.9613	23:49	23:48	1	0.877	826100	190403	746	1865	255		
257.9584	23:49	23:48	1	0.877	804181	178234	643	1607	277	1.03(0.88-1.20)	
PCB-36											
255.9613	25:22	25:21	1	0.933	924046	185377	746	1865	248		
257.9584	25:22	25:21	1	0.933	842887	177018	643	1607	275	1.10(0.88-1.20)	
PCB-39											
255.9613	25:44	25:43	1	0.947	792327	164051	746	1865	220		
257.9584	25:44	25:43	1	0.947	752354	154865	643	1607	241	1.05(0.88-1.20)	
PCB-38											
255.9613	26:18	26:17	2	0.968	804961	169143	746	1865	227		
257.9584	26:18	26:17	2	0.968	742619	158140	643	1607	246	1.08(0.88-1.20)	
PCB-35											
255.9613	26:48	26:46	2	0.986	787755	155435	746	1865	208		
257.9584	26:48	26:46	2	0.986	759179	148040	643	1607	230	1.04(0.88-1.20)	
PCB-37											
255.9613	27:12	27:11	1	1.001	774005	161121	746	1865	216		
257.9584	27:12	27:11	1	1.001	751711	148085	643	1607	230	1.03(0.88-1.20)	
PCB-54L											
301.9626	20:26	20:25	1	0.818	4402514	1112202	256	640	4345		
303.9597	20:26	20:25	1	0.818	5500218	1359757	54	135	25181	0.80(0.65-0.89)	
PCB-52L											
301.9626	24:59	24:58	1		7355272	1689612	800	2000	2112		
303.9597	24:59	24:58	1		9273307	2113370	1296	3240	1631	0.79(0.65-0.89)	
PCB-79L											
301.9626	32:56	32:54	2	0.971	431014	83412	800	2000	104		
303.9597	32:55	32:54	1	0.970	518298	97716	1296	3240	75	0.83(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-81L											
301.9626	33:56	33:55	1	1.358	9893095	1915828	800	2000	2395		
303.9597	33:56	33:55	1	1.358	12212702	2376786	1296	3240	1834	0.81(0.65-0.89)	
PCB-77L											
301.9626	34:30	34:29	1	1.381	10507258	1965645	800	2000	2457		
303.9597	34:30	34:29	1	1.381	12903328	2460803	1296	3240	1899	0.81(0.65-0.89)	
PCB-54											
289.9224	20:28	20:27	1	1.000	242100	60263	62	155	972		
291.9194	20:28	20:27	1	1.000	323907	80758	136	340	594	0.75(0.65-0.89)	
PCB-50											
289.9224	22:37	22:36	1	1.107	741684	177079	445	1112	398		
291.9194	22:37	22:36	1	1.107	932239	223930	679	1697	330	0.80(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:37	22:36	1	1.107	741684	177079	445	1112	398		
291.9194	22:37	22:36	1	1.107	932239	223930	679	1697	330	0.80(0.65-0.89)	
PCB-45											M
289.9224	23:22	23:20	2	1.143	704781	95534	445	1112	215		M
291.9194	23:21	23:20	1	1.142	835043	111627	679	1697	164	0.84(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:22	23:20	2	1.143	704781	95534	445	1112	215		M
291.9194	23:21	23:20	1	1.142	835043	111627	679	1697	164	0.84(0.65-0.89)	M
PCB-46											
289.9224	23:37	23:36	1	1.156	306317	70075	445	1112	157		
291.9194	23:37	23:36	1	1.156	358385	80755	679	1697	119	0.85(0.65-0.89)	
PCB-52											
289.9224	25:01	25:00	1	1.224	409353	93488	445	1112	210		
291.9194	25:01	25:00	1	1.224	518123	117163	679	1697	173	0.79(0.65-0.89)	
PCB-43											M
289.9224	25:09	25:08	2	1.231	886817	114387	445	1112	257		M
291.9194	25:09	25:08	1	1.230	1127115	147439	679	1697	217	0.79(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:09	25:08	2	1.231	886817	114387	445	1112	257		M
291.9194	25:09	25:08	1	1.230	1127115	147439	679	1697	217	0.79(0.65-0.89)	M
PCB-49											M
289.9224	25:25	25:24	1	1.244	880094	114088	445	1112	256		M
291.9194	25:25	25:24	1	1.244	1078209	149609	679	1697	220	0.82(0.65-0.89)	M
PCB-69 (C49)											M
289.9224	25:25	25:24	1	1.244	880094	114088	445	1112	256		M
291.9194	25:25	25:24	1	1.244	1078209	149609	679	1697	220	0.82(0.65-0.89)	M
PCB-48											
289.9224	25:46	25:45	1	1.261	376151	83941	445	1112	189		
291.9194	25:46	25:45	1	1.261	449709	98361	679	1697	145	0.84(0.65-0.89)	
PCB-44											
289.9224	26:01	26:00	1	1.273	1245709	236694	445	1112	532		
291.9194	26:01	26:00	1	1.273	1562635	302286	679	1697	445	0.80(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-47 (C44)											
289.9224	26:01	26:00	1	1.273	1245709	236694	445	1112	532		
291.9194	26:01	26:00	1	1.273	1562635	302286	679	1697	445	0.80(0.65-0.89)	
PCB-65 (C44)											
289.9224	26:01	26:00	1	1.273	1245709	236694	445	1112	532		
291.9194	26:01	26:00	1	1.273	1562635	302286	679	1697	445	0.80(0.65-0.89)	
PCB-59											
289.9224	26:21	26:19	2	1.289	1457935	220958	445	1112	497		
291.9194	26:20	26:19	1	1.288	1851462	280437	679	1697	413	0.79(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:21	26:19	2	1.289	1457935	220958	445	1112	497		
291.9194	26:20	26:19	1	1.288	1851462	280437	679	1697	413	0.79(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:21	26:19	2	1.289	1457935	220958	445	1112	497		
291.9194	26:20	26:19	1	1.288	1851462	280437	679	1697	413	0.79(0.65-0.89)	
PCB-42											
289.9224	26:33	26:31	2	1.299	363391	75603	445	1112	170		
291.9194	26:33	26:31	2	1.299	428323	94356	679	1697	139	0.85(0.65-0.89)	
PCB-40											M
289.9224	27:03	27:01	2	1.323	1132405	183481	445	1112	412		M
291.9194	27:03	27:01	2	1.323	1388170	221227	679	1697	326	0.82(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	27:03	27:01	2	1.323	1132405	183481	445	1112	412		M
291.9194	27:03	27:01	2	1.323	1388170	221227	679	1697	326	0.82(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	27:03	27:01	2	1.323	1132405	183481	445	1112	412		M
291.9194	27:03	27:01	2	1.323	1388170	221227	679	1697	326	0.82(0.65-0.89)	M
PCB-64											
289.9224	27:15	27:14	1	1.334	509079	106150	445	1112	239		
291.9194	27:15	27:14	1	1.334	636608	136326	679	1697	201	0.80(0.65-0.89)	
PCB-72											
289.9224	28:04	28:03	1	0.827	568886	125741	445	1112	283		
291.9194	28:04	28:03	1	0.827	699256	153625	679	1697	226	0.81(0.65-0.89)	
PCB-68											
289.9224	28:21	28:20	1	0.836	560564	110748	445	1112	249		
291.9194	28:21	28:20	1	0.836	696222	143935	679	1697	212	0.81(0.65-0.89)	
PCB-57											
289.9224	28:47	28:46	1	0.848	504573	107212	445	1112	241		
291.9194	28:47	28:46	1	0.848	657380	140335	679	1697	207	0.77(0.65-0.89)	
PCB-58											
289.9224	29:01	29:00	1	0.855	612154	125953	445	1112	283		
291.9194	29:01	29:00	1	0.855	785151	166098	679	1697	245	0.78(0.65-0.89)	
PCB-67											
289.9224	29:11	29:10	1	0.860	634082	124796	445	1112	280		
291.9194	29:11	29:10	1	0.860	838269	159683	679	1697	235	0.76(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-63											
289.9224	29:27	29:26	1	0.868	510263	101665	445	1112	228		
291.9194	29:27	29:26	1	0.868	644419	131467	679	1697	194	0.79(0.65-0.89)	
PCB-61											M
289.9224	29:48	29:47	1	0.878	2294510	271622	445	1112	610		M
291.9194	29:48	29:47	1	0.878	2878762	335973	679	1697	495	0.80(0.65-0.89)	M
PCB-70 (C61)											M
289.9224	29:48	29:47	1	0.878	2294510	271622	445	1112	610		M
291.9194	29:48	29:47	1	0.878	2878762	335973	679	1697	495	0.80(0.65-0.89)	M
PCB-74 (C61)											M
289.9224	29:48	29:47	1	0.878	2294510	271622	445	1112	610		M
291.9194	29:48	29:47	1	0.878	2878762	335973	679	1697	495	0.80(0.65-0.89)	M
PCB-76 (C61)											M
289.9224	29:48	29:47	1	0.878	2294510	271622	445	1112	610		M
291.9194	29:48	29:47	1	0.878	2878762	335973	679	1697	495	0.80(0.65-0.89)	M
PCB-66											
289.9224	30:07	30:06	1	0.888	597877	119034	445	1112	267		
291.9194	30:07	30:06	1	0.888	776013	157165	679	1697	231	0.77(0.65-0.89)	
PCB-55											
289.9224	30:17	30:16	1	0.893	612946	123474	445	1112	277		
291.9194	30:18	30:16	2	0.893	773250	160236	679	1697	236	0.79(0.65-0.89)	
PCB-56											
289.9224	30:49	30:48	1	0.908	584661	121635	445	1112	273		
291.9194	30:49	30:48	1	0.908	747530	152387	679	1697	224	0.78(0.65-0.89)	
PCB-60											
289.9224	31:01	31:00	1	0.914	499135	98509	445	1112	221		
291.9194	31:01	31:00	1	0.914	638312	125059	679	1697	184	0.78(0.65-0.89)	
PCB-80											
289.9224	31:24	31:22	2	0.926	632305	122520	445	1112	275		
291.9194	31:23	31:22	1	0.925	785178	152526	679	1697	225	0.81(0.65-0.89)	
PCB-79											
289.9224	32:56	32:55	1	0.971	680968	126332	445	1112	284		
291.9194	32:56	32:55	1	0.971	860501	160499	679	1697	236	0.79(0.65-0.89)	
PCB-78											
289.9224	33:30	33:29	1	0.988	622860	115099	445	1112	259		
291.9194	33:30	33:29	1	0.988	767501	140830	679	1697	207	0.81(0.65-0.89)	
PCB-81											
289.9224	33:57	33:56	1	1.001	466978	86150	445	1112	194		
291.9194	33:57	33:56	1	1.001	557797	108916	679	1697	160	0.84(0.65-0.89)	
PCB-77											
289.9224	34:32	34:31	1	1.001	525786	101406	445	1112	228		
291.9194	34:32	34:31	1	1.001	662341	126304	679	1697	186	0.79(0.65-0.89)	
PCB-104L											
337.9207	25:55	25:54	1	0.814	9092332	2071030	160	400	12944		
339.9178	25:55	25:54	1	0.814	5808286	1316637	94	235	14007	1.57(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-95L											
337.9207	28:54	28:53	1	1.115	269780	57865	160	400	362		
339.9178	28:54	28:53	1	1.115	172097	34108	94	235	363	1.57(1.32-1.78)	
PCB-101L											
337.9207	31:50	31:49	1		7389909	1538696	160	400	9617		
339.9178	31:50	31:49	1		4687866	970662	94	235	10326	1.58(1.32-1.78)	
PCB-111L											
337.9207	34:30	34:29	1	1.084	371280	76257	160	400	477		
339.9178	34:30	34:29	1	1.084	226910	44862	94	235	477	1.64(1.32-1.78)	
PCB-123L											
337.9207	36:29	36:28	1	1.146	12381775	2496402	6512	16280	383		
339.9178	36:29	36:28	1	1.146	7872323	1592046	4342	10855	367	1.57(1.32-1.78)	
PCB-118L											
337.9207	36:48	36:47	1	1.157	13275619	2622017	6512	16280	403		
339.9178	36:48	36:47	1	1.157	8372944	1649127	4342	10855	380	1.59(1.32-1.78)	
PCB-114L											
337.9207	37:20	37:20	0	1.173	13093335	2602532	6512	16280	400		
339.9178	37:20	37:20	0	1.173	8212244	1629439	4342	10855	375	1.59(1.32-1.78)	
PCB-105L											
337.9207	38:00	38:00	0	1.194	12852633	2483012	6512	16280	381		
339.9178	38:00	38:00	0	1.194	8076802	1559613	4342	10855	359	1.59(1.32-1.78)	
PCB-127L											
337.9207	39:28	39:27	1		13203058	2570354	6512	16280	395		
339.9178	39:28	39:27	1		8401745	1607581	4342	10855	370	1.57(1.32-1.78)	
PCB-126L											
337.9207	41:06	41:06	0	1.291	12736764	2413728	6512	16280	371		
339.9178	41:06	41:06	0	1.291	8026144	1524407	4342	10855	351	1.59(1.32-1.78)	
PCB-104											
325.8804	25:57	25:56	1	1.001	420728	97954	85	212	1152		
327.8775	25:57	25:56	1	1.001	277437	62610	133	332	471	1.52(1.32-1.78)	
PCB-96											
325.8804	26:21	26:20	1	1.016	495298	108508	85	212	1277		
327.8775	26:21	26:20	1	1.016	316445	66997	133	332	504	1.57(1.32-1.78)	
PCB-103											
325.8804	28:14	28:13	1	1.089	370025	77728	85	212	914		
327.8775	28:14	28:13	1	1.089	221578	47309	133	332	356	1.67(1.32-1.78)	
PCB-94											
325.8804	28:29	28:28	1	1.099	315438	73692	85	212	867		
327.8775	28:29	28:28	1	1.099	191820	41729	133	332	314	1.64(1.32-1.78)	
PCB-95											
325.8804	28:56	28:55	1	1.116	337149	72092	85	212	848		
327.8775	28:56	28:55	1	1.116	225037	49107	133	332	369	1.50(1.32-1.78)	
PCB-93											
325.8804	29:08	29:07	1	1.124	676964	111368	85	212	1310		
327.8775	29:08	29:07	1	1.124	422535	70431	133	332	530	1.60(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-100 (C93)											
325.8804	29:08	29:07	1	1.124	676964	111368	85	212	1310		
327.8775	29:08	29:07	1	1.124	422535	70431	133	332	530	1.60(1.32-1.78)	
PCB-98											M
325.8804	29:17	29:16	1	1.130	808466	98660	85	212	1161		M
327.8775	29:21	29:16	4	1.132	502882	60005	133	332	451	1.61(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:17	29:16	1	1.130	808466	98660	85	212	1161		M
327.8775	29:21	29:16	4	1.132	502882	60005	133	332	451	1.61(1.32-1.78)	M
PCB-88											M
325.8804	29:48	29:46	2	1.150	683618	74796	85	212	880		M
327.8775	29:47	29:46	1	1.149	426863	49821	133	332	375	1.60(1.32-1.78)	M
PCB-91 (C88)											M
325.8804	29:48	29:46	2	1.150	683618	74796	85	212	880		M
327.8775	29:47	29:46	1	1.149	426863	49821	133	332	375	1.60(1.32-1.78)	M
PCB-84											
325.8804	30:02	30:01	1	1.159	301523	62732	85	212	738		
327.8775	30:02	30:01	1	1.159	196657	42877	133	332	322	1.53(1.32-1.78)	
PCB-89											
325.8804	30:30	30:29	1	1.177	354553	70336	85	212	827		
327.8775	30:30	30:29	1	1.177	229457	50283	133	332	378	1.55(1.32-1.78)	
PCB-121											
325.8804	30:52	30:51	1	1.191	563740	118642	85	212	1396		
327.8775	30:52	30:51	1	1.191	338349	71158	133	332	535	1.67(1.32-1.78)	
PCB-92											M
325.8804	31:17	31:16	1	0.857	334583	67467	85	212	794		
327.8775	31:17	31:16	1	0.857	210362	44775	133	332	337	1.59(1.32-1.78)	M
PCB-90											
325.8804	31:50	31:49	2	1.228	1237255	177056	85	212	2083		
327.8775	31:50	31:49	1	1.228	762517	114480	133	332	861	1.62(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:50	31:49	2	1.228	1237255	177056	85	212	2083		
327.8775	31:50	31:49	1	1.228	762517	114480	133	332	861	1.62(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:50	31:49	2	1.228	1237255	177056	85	212	2083		
327.8775	31:50	31:49	1	1.228	762517	114480	133	332	861	1.62(1.32-1.78)	
PCB-83											M
325.8804	32:26	32:25	1	1.251	766931	98957	85	212	1164		M
327.8775	32:26	32:25	1	1.251	490566	64083	133	332	482	1.56(1.32-1.78)	M
PCB-99 (C83)											M
325.8804	32:26	32:25	1	1.251	766931	98957	85	212	1164		M
327.8775	32:26	32:25	1	1.251	490566	64083	133	332	482	1.56(1.32-1.78)	M
PCB-112											
325.8804	32:33	32:32	1	1.255	625137	123155	85	212	1449		
327.8775	32:33	32:32	1	1.255	357574	80562	133	332	606	1.75(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-86											M
325.8804	32:55	32:54	1	1.270	2666253	264679	85	212	3114		M
327.8775	32:55	32:54	1	1.270	1690616	173556	133	332	1305	1.58(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:55	32:54	1	1.270	2666253	264679	85	212	3114		M
327.8775	32:55	32:54	1	1.270	1690616	173556	133	332	1305	1.58(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:55	32:54	1	1.270	2666253	264679	85	212	3114		M
327.8775	32:55	32:54	1	1.270	1690616	173556	133	332	1305	1.58(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:55	32:54	1	1.270	2666253	264679	85	212	3114		M
327.8775	32:55	32:54	1	1.270	1690616	173556	133	332	1305	1.58(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:55	32:54	1	1.270	2666253	264679	85	212	3114		M
327.8775	32:55	32:54	1	1.270	1690616	173556	133	332	1305	1.58(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:55	32:54	1	1.270	2666253	264679	85	212	3114		M
327.8775	32:55	32:54	1	1.270	1690616	173556	133	332	1305	1.58(1.32-1.78)	M
PCB-85											M
325.8804	33:40	33:38	2	1.298	1305780	138732	85	212	1632		M
327.8775	33:39	33:38	1	1.298	837967	88660	133	332	667	1.56(1.32-1.78)	M
PCB-116 (C85)											M
325.8804	33:40	33:38	2	1.298	1305780	138732	85	212	1632		M
327.8775	33:39	33:38	1	1.298	837967	88660	133	332	667	1.56(1.32-1.78)	M
PCB-117 (C85)											M
325.8804	33:40	33:38	2	1.298	1305780	138732	85	212	1632		M
327.8775	33:39	33:38	1	1.298	837967	88660	133	332	667	1.56(1.32-1.78)	M
PCB-110											
325.8804	33:53	33:52	1	1.307	1167384	174341	85	212	2051		
327.8775	33:53	33:52	1	1.307	731919	112662	133	332	847	1.59(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:53	33:52	1	1.307	1167384	174341	85	212	2051		
327.8775	33:53	33:52	1	1.307	731919	112662	133	332	847	1.59(1.32-1.78)	
PCB-82											
325.8804	34:11	34:10	1	1.319	377882	66091	85	212	778		
327.8775	34:11	34:10	1	1.319	232142	46684	133	332	351	1.63(1.32-1.78)	
PCB-111											
325.8804	34:32	34:31	1	1.332	529556	104445	85	212	1229		
327.8775	34:31	34:31	0	1.332	340227	68161	133	332	512	1.56(1.32-1.78)	
PCB-120											
325.8804	34:59	34:58	1	1.350	670927	134621	85	212	1584		
327.8775	34:59	34:58	0	1.349	395263	75678	133	332	569	1.70(1.32-1.78)	
PCB-108											
325.8804	36:09	36:08	1	1.395	1395591	267319	576	1440	464		
327.8775	36:09	36:08	1	1.395	857434	164672	583	1457	282	1.63(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-124 (C108)											
325.8804	36:09	36:08	1	1.395	1395591	267319	576	1440	464		
327.8775	36:09	36:08	1	1.395	857434	164672	583	1457	282	1.63(1.32-1.78)	
PCB-107											
325.8804	36:23	36:22	1	1.404	719461	135892	576	1440	236		
327.8775	36:23	36:22	1	1.404	468860	89108	583	1457	153	1.53(1.32-1.78)	
PCB-123											
325.8804	36:30	36:29	1	1.001	587733	126587	576	1440	220		
327.8775	36:30	36:29	1	1.001	389734	84409	583	1457	145	1.51(1.32-1.78)	
PCB-106											
325.8804	36:37	36:36	1	1.004	739527	149286	576	1440	259		
327.8775	36:37	36:36	0	1.004	454698	87921	583	1457	151	1.63(1.32-1.78)	
PCB-118											M
325.8804	36:50	36:49	1	1.001	656254	126803	576	1440	220		M
327.8775	36:50	36:49	1	1.001	410695	78354	583	1457	134	1.60(1.32-1.78)	M
PCB-122											M
325.8804	37:11	37:11	0	1.010	564710	104964	576	1440	182		
327.8775	37:11	37:11	0	1.010	354118	76133	583	1457	131	1.59(1.32-1.78)	M
PCB-114											
325.8804	37:22	37:21	1	1.001	693026	127688	576	1440	222		
327.8775	37:22	37:21	1	1.001	426150	79263	583	1457	136	1.63(1.32-1.78)	
PCB-105											
325.8804	38:02	38:02	0	1.001	671786	128015	576	1440	222		
327.8775	38:02	38:02	0	1.001	428042	78995	583	1457	135	1.57(1.32-1.78)	
PCB-127											
325.8804	39:29	39:28	0	1.039	747452	134787	576	1440	234		
327.8775	39:29	39:28	0	1.039	464364	89232	583	1457	153	1.61(1.32-1.78)	
PCB-126											
325.8804	41:07	41:06	1	1.001	756453	132057	576	1440	229		
327.8775	41:07	41:06	1	1.001	467541	85645	583	1457	147	1.62(1.32-1.78)	
PCB-155L											
371.8817	31:33	31:32	1	0.790	7811213	1631450	200	500	8157		
373.8788	31:33	31:32	1	0.790	6178765	1282506	96	240	13359	1.26(1.05-1.43)	
PCB-153L											
371.8817	38:40	38:40	0	0.900	499458	103008	4100	10250	25		
373.8788	38:40	38:40	0	0.900	369730	71720	2736	6840	26	1.35(1.05-1.43)	
PCB-138L											
371.8817	39:56	39:55	1		8402936	1659268	4100	10250	405		
373.8788	39:56	39:55	1		6536154	1291513	2736	6840	472	1.29(1.05-1.43)	
PCB-167L											
371.8817	42:56	42:55	1	1.075	10719583	2092329	4100	10250	510		
373.8788	42:56	42:55	1	1.075	8456287	1638439	2736	6840	599	1.27(1.05-1.43)	
PCB-156L											
371.8817	44:07	44:06	1	1.104	21085679	2530709	4100	10250	617		
373.8788	44:06	44:06	0	1.104	16584796	2000616	2736	6840	731	1.27(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-157L (C156L)											
371.8817	44:07	44:06	1	1.104	21085679	2530709	4100	10250	617		
373.8788	44:06	44:06	0	1.104	16584796	2000616	2736	6840	731	1.27(1.05-1.43)	
PCB-169L											
371.8817	47:21	47:21	0	1.186	11051693	2075046	4100	10250	506		
373.8788	47:21	47:21	0	1.186	8695571	1617774	2736	6840	591	1.27(1.05-1.43)	
PCB-155											
359.8415	31:35	31:34	1	1.001	357487	72950	102	255	715		
361.8385	31:35	31:34	1	1.001	284026	61135	63	157	970	1.26(1.05-1.43)	
PCB-152											
359.8415	31:50	31:49	1	1.009	427626	90882	102	255	891		
361.8385	31:50	31:49	1	1.009	325674	70093	63	157	1113	1.31(1.05-1.43)	
PCB-150											
359.8415	31:59	31:58	1	1.013	383596	76045	102	255	746		
361.8385	31:59	31:58	1	1.013	291839	59933	63	157	951	1.31(1.05-1.43)	
PCB-136											
359.8415	32:23	32:22	1	1.026	361491	76146	102	255	747		
361.8385	32:23	32:22	1	1.026	272797	56450	63	157	896	1.33(1.05-1.43)	
PCB-145											
359.8415	32:39	32:38	1	1.035	397110	83839	102	255	822		
361.8385	32:40	32:38	2	1.035	333779	66233	63	157	1051	1.19(1.05-1.43)	
PCB-148											
359.8415	34:08	34:08	0	1.082	286424	57933	102	255	568		
361.8385	34:08	34:08	0	1.082	222697	47853	63	157	760	1.29(1.05-1.43)	
PCB-135											M
359.8415	34:49	34:48	2	1.104	568052	62842	102	255	616		M
361.8385	34:49	34:48	1	1.103	430943	48280	63	157	766	1.32(1.05-1.43)	M
PCB-151 (C135)											M
359.8415	34:49	34:48	2	1.104	568052	62842	102	255	616		M
361.8385	34:49	34:48	1	1.103	430943	48280	63	157	766	1.32(1.05-1.43)	M
PCB-154											
359.8415	34:59	34:58	1	1.109	312210	63329	102	255	621		
361.8385	34:59	34:58	0	1.108	236187	49375	63	157	784	1.32(1.05-1.43)	
PCB-144											
359.8415	35:19	35:18	1	1.119	281016	53652	102	255	526		
361.8385	35:19	35:18	1	1.119	215045	45489	63	157	722	1.31(1.05-1.43)	
PCB-147											
359.8415	35:41	35:40	1	1.131	849364	169189	259	647	653		
361.8385	35:41	35:40	1	1.131	682052	139030	785	1962	177	1.25(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:41	35:40	1	1.131	849364	169189	259	647	653		
361.8385	35:41	35:40	1	1.131	682052	139030	785	1962	177	1.25(1.05-1.43)	
PCB-134											M
359.8415	35:59	35:58	1	1.141	689267	80655	259	647	311		M
361.8385	35:59	35:58	1	1.141	553165	61319	785	1962	78	1.25(1.05-1.43)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-143 (C134)											M
359.8415	35:59	35:58	1	1.141	689267	80655	259	647	311		M
361.8385	35:59	35:58	1	1.141	553165	61319	785	1962	78	1.25(1.05-1.43)	M
PCB-139											
359.8415	36:16	36:15	1	1.149	836893	146990	259	647	568		
361.8385	36:16	36:15	1	1.149	660753	121980	785	1962	155	1.27(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:16	36:15	1	1.149	836893	146990	259	647	568		
361.8385	36:16	36:15	1	1.149	660753	121980	785	1962	155	1.27(1.05-1.43)	
PCB-131											
359.8415	36:29	36:28	1	1.156	346395	71881	259	647	278		
361.8385	36:29	36:28	1	1.156	268098	54458	785	1962	69	1.29(1.05-1.43)	
PCB-142											
359.8415	36:37	36:37	0	1.161	360057	69988	259	647	270		
361.8385	36:38	36:37	1	1.161	273938	56495	785	1962	72	1.31(1.05-1.43)	
PCB-132											
359.8415	36:58	36:58	0	1.171	376778	73564	259	647	284		
361.8385	36:58	36:58	0	1.171	295791	61694	785	1962	79	1.27(1.05-1.43)	
PCB-133											
359.8415	37:26	37:25	1	1.186	402399	84298	259	647	325		
361.8385	37:26	37:25	1	1.186	318829	63044	785	1962	80	1.26(1.05-1.43)	
PCB-165											
359.8415	37:50	37:49	1	0.881	483792	95939	259	647	370		
361.8385	37:50	37:49	1	0.881	381173	74120	785	1962	94	1.27(1.05-1.43)	
PCB-146											
359.8415	38:05	38:04	1	0.887	468220	93376	259	647	361		
361.8385	38:04	38:04	0	0.887	375938	79454	785	1962	101	1.25(1.05-1.43)	
PCB-161											
359.8415	38:12	38:12	0	0.890	570354	112323	259	647	434		
361.8385	38:12	38:12	0	0.890	462857	92362	785	1962	118	1.23(1.05-1.43)	
PCB-153											
359.8415	38:43	38:42	1	0.902	1063933	166033	259	647	641		
361.8385	38:43	38:42	1	0.902	847382	131377	785	1962	167	1.26(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:43	38:42	1	0.902	1063933	166033	259	647	641		
361.8385	38:43	38:42	1	0.902	847382	131377	785	1962	167	1.26(1.05-1.43)	
PCB-141											
359.8415	38:55	38:54	1	0.906	413017	79634	259	647	307		
361.8385	38:54	38:54	0	0.906	324626	64503	785	1962	82	1.27(1.05-1.43)	
PCB-130											
359.8415	39:19	39:18	1	0.916	335925	67442	259	647	260		
361.8385	39:19	39:18	1	0.916	260848	55891	785	1962	71	1.29(1.05-1.43)	
PCB-137											
359.8415	39:32	39:31	1	0.921	382618	82195	259	647	317		
361.8385	39:32	39:31	1	0.921	300239	63722	785	1962	81	1.27(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-164											
359.8415	39:40	39:39	1	0.924	592496	115923	259	647	448		
361.8385	39:40	39:39	1	0.924	457568	89264	785	1962	114	1.29(1.05-1.43)	
PCB-129											M
359.8415	39:58	39:57	1	0.931	1803054	212480	259	647	820		M
361.8385	39:58	39:57	1	0.931	1429855	162865	785	1962	207	1.26(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:58	39:57	1	0.931	1803054	212480	259	647	820		M
361.8385	39:58	39:57	1	0.931	1429855	162865	785	1962	207	1.26(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:58	39:57	1	0.931	1803054	212480	259	647	820		M
361.8385	39:58	39:57	1	0.931	1429855	162865	785	1962	207	1.26(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:58	39:57	1	0.931	1803054	212480	259	647	820		M
361.8385	39:58	39:57	1	0.931	1429855	162865	785	1962	207	1.26(1.05-1.43)	M
PCB-158											
359.8415	40:21	40:20	1	0.940	585991	109428	259	647	423		
361.8385	40:21	40:20	1	0.940	457882	87443	785	1962	111	1.28(1.05-1.43)	
PCB-128											
359.8415	41:11	41:10	0	0.959	1001035	126723	259	647	489		
361.8385	41:11	41:10	0	0.959	764111	97433	785	1962	124	1.31(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:11	41:10	0	0.959	1001035	126723	259	647	489		
361.8385	41:11	41:10	0	0.959	764111	97433	785	1962	124	1.31(1.05-1.43)	
PCB-159											
359.8415	42:11	42:10	1	0.983	655436	126008	259	647	487		
361.8385	42:11	42:10	1	0.983	534349	108871	785	1962	139	1.23(1.05-1.43)	
PCB-162											
359.8415	42:29	42:28	0	0.989	556276	109771	259	647	424		
361.8385	42:29	42:28	1	0.990	473565	87537	785	1962	112	1.17(1.05-1.43)	
PCB-167											
359.8415	42:57	42:57	0	1.000	561469	107410	259	647	415		
361.8385	42:58	42:57	1	1.001	450396	88929	785	1962	113	1.25(1.05-1.43)	
PCB-156											
359.8415	44:09	44:07	2	1.001	1069490	127504	259	647	492		
361.8385	44:09	44:07	2	1.001	862942	106143	785	1962	135	1.24(1.05-1.43)	
PCB-157 (C156)											
359.8415	44:09	44:07	2	1.001	1069490	127504	259	647	492		
361.8385	44:09	44:07	2	1.001	862942	106143	785	1962	135	1.24(1.05-1.43)	
PCB-169											
359.8415	47:22	47:21	1	1.001	650892	124701	259	647	481		
361.8385	47:22	47:21	1	1.001	519056	96296	785	1962	123	1.25(1.05-1.43)	
PCB-188L											
405.8428	37:18	37:17	0	0.820	7739146	1545480	113	282	13677		
407.8398	37:18	37:17	0	0.820	7432628	1495273	84	210	17801	1.04(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-178L											Ma
405.8428	40:22	40:21	1	0.888	223718	43567	113	282	386		M
407.8398	40:22	40:21	1	0.888	203635	38592	84	210	459	1.10(0.89-1.21)	
PCB-180L											
405.8428	45:29	45:28	0		6198373	1198996	113	282	10611		
407.8398	45:29	45:28	0		5828619	1137026	84	210	13536	1.06(0.89-1.21)	
PCB-170L											
405.8428	46:45	46:45	0	1.028	5323340	1030450	113	282	9119		
407.8398	46:45	46:45	0	1.028	5004532	974802	84	210	11605	1.06(0.89-1.21)	
PCB-189L											
405.8428	49:52	49:51	0	1.096	12283727	2295934	802	2005	2863		
407.8398	49:52	49:51	1	1.097	11612315	2183143	944	2360	2313	1.06(0.89-1.21)	
PCB-188											
393.8025	37:19	37:19	0	1.001	401011	82404	36	90	2289		
395.7995	37:19	37:19	0	1.001	388141	78175	2	5	39088	1.03(0.89-1.21)	
PCB-179											
393.8025	37:42	37:41	1	1.011	436541	90524	36	90	2515		
395.7995	37:41	37:41	0	1.011	404570	78696	2	5	39348	1.08(0.89-1.21)	
PCB-184											
393.8025	38:11	38:10	1	1.024	406982	81213	36	90	2256		
395.7995	38:11	38:10	1	1.024	385982	77261	2	5	38631	1.05(0.89-1.21)	
PCB-176											
393.8025	38:34	38:34	0	1.034	382825	75765	36	90	2105		
395.7995	38:34	38:34	0	1.034	348988	68708	2	5	34354	1.10(0.89-1.21)	
PCB-186											
393.8025	39:02	39:01	1	1.047	457414	85884	36	90	2386		
395.7995	39:02	39:01	1	1.047	434207	83927	2	5	41964	1.05(0.89-1.21)	
PCB-178											
393.8025	40:24	40:23	1	1.083	286090	58661	36	90	1629		
395.7995	40:23	40:23	0	1.083	263883	48368	2	5	24184	1.08(0.89-1.21)	
PCB-175											
393.8025	41:01	41:01	0	1.100	276881	54168	36	90	1505		
395.7995	41:01	41:01	0	1.100	283806	53066	2	5	26533	0.98(0.89-1.21)	
PCB-187											
393.8025	41:18	41:17	0	1.107	364474	72215	36	90	2006		
395.7995	41:18	41:17	0	1.107	343560	67596	2	5	33798	1.06(0.89-1.21)	
PCB-182											
393.8025	41:30	41:29	0	1.113	348631	67461	36	90	1874		
395.7995	41:30	41:29	0	1.113	329756	63854	2	5	31927	1.06(0.89-1.21)	
PCB-183											M
393.8025	41:55	41:54	1	1.124	584688	66662	36	90	1852		M
395.7995	41:54	41:54	0	1.124	572502	62532	2	5	31266	1.02(0.89-1.21)	M
PCB-185 (C183)											M
393.8025	41:55	41:54	1	1.124	584688	66662	36	90	1852		M
395.7995	41:54	41:54	0	1.124	572502	62532	2	5	31266	1.02(0.89-1.21)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-174											
393.8025	42:11	42:09	1	1.131	325635	64185	36	90	1783		
395.7995	42:11	42:09	1	1.131	300714	60003	2	5	30002	1.08(0.89-1.21)	
PCB-177											
393.8025	42:37	42:36	1	1.143	318246	60617	36	90	1684		
395.7995	42:37	42:36	1	1.143	289147	51011	2	5	25506	1.10(0.89-1.21)	
PCB-181											
393.8025	42:59	42:58	0	1.152	337398	64322	36	90	1787		
395.7995	42:59	42:58	0	1.152	318171	59844	2	5	29922	1.06(0.89-1.21)	
PCB-171											
393.8025	43:14	43:13	1	1.159	552932	98478	36	90	2736		
395.7995	43:13	43:13	0	1.159	528963	97785	2	5	48893	1.05(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:14	43:13	1	1.159	552932	98478	36	90	2736		
395.7995	43:13	43:13	0	1.159	528963	97785	2	5	48893	1.05(0.89-1.21)	
PCB-172											
393.8025	44:51	44:51	0	0.899	284970	55538	36	90	1543		
395.7995	44:51	44:51	0	0.899	278582	53650	2	5	26825	1.02(0.89-1.21)	
PCB-192											
393.8025	45:07	45:06	0	0.905	441604	81841	36	90	2273		
395.7995	45:07	45:06	1	0.905	418356	81130	2	5	40565	1.06(0.89-1.21)	
PCB-180											
393.8025	45:29	45:28	1	0.912	742884	99216	36	90	2756		
395.7995	45:28	45:28	0	0.912	698718	92350	2	5	46175	1.06(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:29	45:28	1	0.912	742884	99216	36	90	2756		
395.7995	45:28	45:28	0	0.912	698718	92350	2	5	46175	1.06(0.89-1.21)	
PCB-191											
393.8025	45:51	45:51	0	0.919	400000	74921	36	90	2081		
395.7995	45:51	45:51	0	0.919	383385	75923	2	5	37962	1.04(0.89-1.21)	
PCB-170											
393.8025	46:47	46:46	1	0.938	276923	54927	36	90	1526		
395.7995	46:47	46:46	1	0.938	265333	54668	2	5	27334	1.04(0.89-1.21)	
PCB-190											
393.8025	47:18	47:17	1	0.949	412717	77154	36	90	2143		
395.7995	47:18	47:17	1	0.949	387921	74548	2	5	37274	1.06(0.89-1.21)	
PCB-189											
393.8025	49:53	49:53	0	1.001	601117	113378	335	837	338		
395.7995	49:54	49:53	1	1.001	572716	109934	169	422	650	1.05(0.89-1.21)	
PCB-202L											
439.8038	42:41	42:40	0	0.821	6029647	1174915	98	245	11989		
441.8008	42:41	42:40	0	0.821	6569779	1291453	103	257	12538	0.92(0.76-1.02)	
PCB-194L											
439.8038	51:58	51:57	0		7731479	1450667	273	682	5314		
441.8008	51:58	51:57	0		8429726	1601843	264	660	6068	0.92(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-205L											
439.8038	52:26	52:25	1	1.009	9291346	1759253	273	682	6444		
441.8008	52:26	52:25	1	1.009	10272686	1924905	264	660	7291	0.90(0.76-1.02)	
PCB-202											
427.7635	42:42	42:42	0	1.001	294323	57468	87	217	661		
429.7606	42:42	42:42	0	1.001	331140	69977	76	190	921	0.89(0.76-1.02)	
PCB-201											
427.7635	43:37	43:37	0	1.022	275251	57158	87	217	657		
429.7606	43:38	43:37	1	1.023	304803	58748	76	190	773	0.90(0.76-1.02)	
PCB-204											
427.7635	44:18	44:17	1	1.038	319754	67536	87	217	776		
429.7606	44:17	44:17	0	1.038	344986	69208	76	190	911	0.93(0.76-1.02)	
PCB-197											
427.7635	44:32	44:31	1	1.043	314153	59383	87	217	683		
429.7606	44:31	44:31	0	1.043	328632	67453	76	190	888	0.96(0.76-1.02)	
PCB-200											
427.7635	44:39	44:39	0	1.046	265109	52229	87	217	600		
429.7606	44:40	44:39	1	1.047	332546	63116	76	190	830	0.80(0.76-1.02)	
PCB-198											
427.7635	47:25	47:25	0	1.111	480029	61517	87	217	707		
429.7606	47:24	47:25	-1	1.111	545705	66031	76	190	869	0.88(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:25	47:25	0	1.111	480029	61517	87	217	707		
429.7606	47:24	47:25	-1	1.111	545705	66031	76	190	869	0.88(0.76-1.02)	
PCB-196											
427.7635	48:07	48:06	1	0.918	226718	40439	87	217	465		
429.7606	48:07	48:06	0	0.918	249977	51952	76	190	684	0.91(0.76-1.02)	
PCB-203											
427.7635	48:18	48:17	1	0.921	276426	49539	87	217	569		
429.7606	48:18	48:17	1	0.921	319445	58392	76	190	768	0.87(0.76-1.02)	
PCB-195											
427.7635	49:39	49:38	1	0.947	373132	70185	273	682	257		
429.7606	49:39	49:38	1	0.947	419470	80666	208	520	388	0.89(0.76-1.02)	
PCB-194											
427.7635	51:59	51:59	0	0.991	407091	74786	273	682	274		
429.7606	51:59	51:59	0	0.991	467136	85880	208	520	413	0.87(0.76-1.02)	
PCB-205											
427.7635	52:28	52:27	1	1.000	498872	93158	273	682	341		
429.7606	52:28	52:27	1	1.000	576520	106732	208	520	513	0.87(0.76-1.02)	
PCB-208L											
473.7648	49:22	49:21	0	0.950	7337932	1415646	907	2267	1561		
475.7619	49:22	49:21	0	0.950	9156411	1779440	985	2462	1807	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:10	54:10	0	1.042	5282174	1005277	907	2267	1108		
475.7619	54:10	54:10	0	1.042	6601658	1233936	985	2462	1253	0.80(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-208											
461.7246	49:23	49:22	1	1.001	342833	69648	512	1280	136		
463.7216	49:23	49:22	1	1.001	465475	86488	2009	5022	43	0.74(0.65-0.89)	
PCB-207											
461.7246	50:19	50:18	0	1.019	376528	72480	512	1280	142		
463.7216	50:19	50:18	0	1.019	442020	85250	2009	5022	42	0.85(0.65-0.89)	
PCB-206											
461.7246	54:11	54:11	0	1.000	309288	56164	512	1280	110		
463.7216	54:11	54:11	0	1.000	420160	76962	2009	5022	38	0.74(0.65-0.89)	
PCB-209L											
507.7258	55:46	55:46	0	1.073	5038299	903405	207	517	4364		
509.7229	55:46	55:46	0	1.073	7044267	1258031	162	405	7766	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:48	55:47	1	1.001	247865	44221	129	322	343		
497.6826	55:47	55:47	0	1.000	350562	65534	109	272	601	0.71(0.59-0.79)	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

61L21668P_00004 Amount Added: 20.00 Units: uL

Report Date: 08-Oct-2021 19:10:53 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

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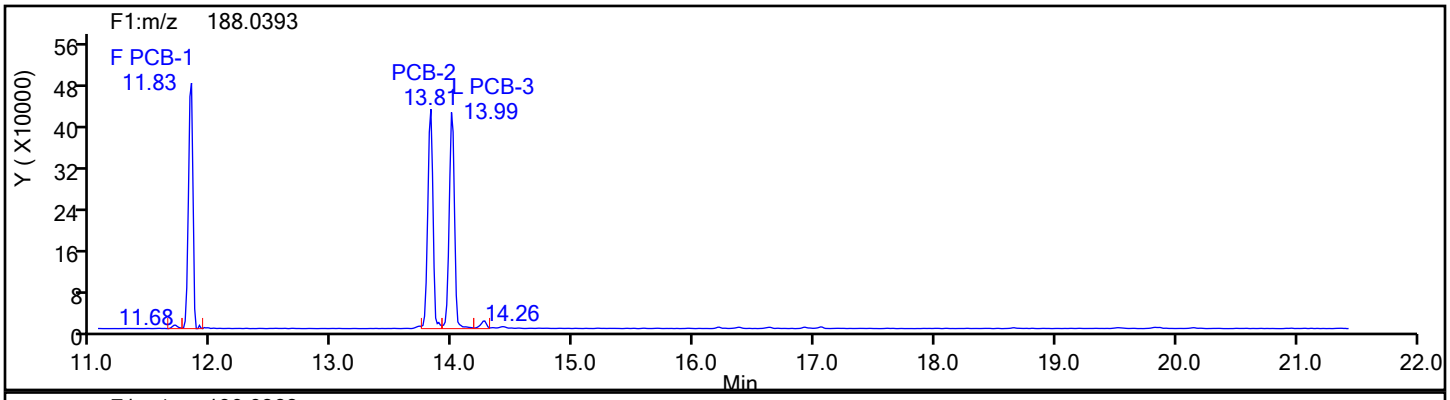
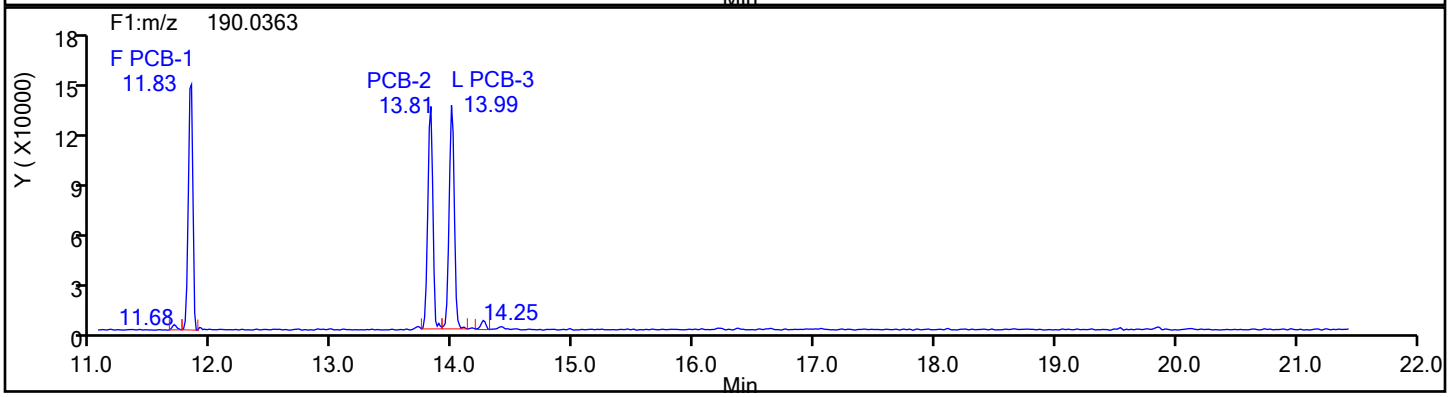
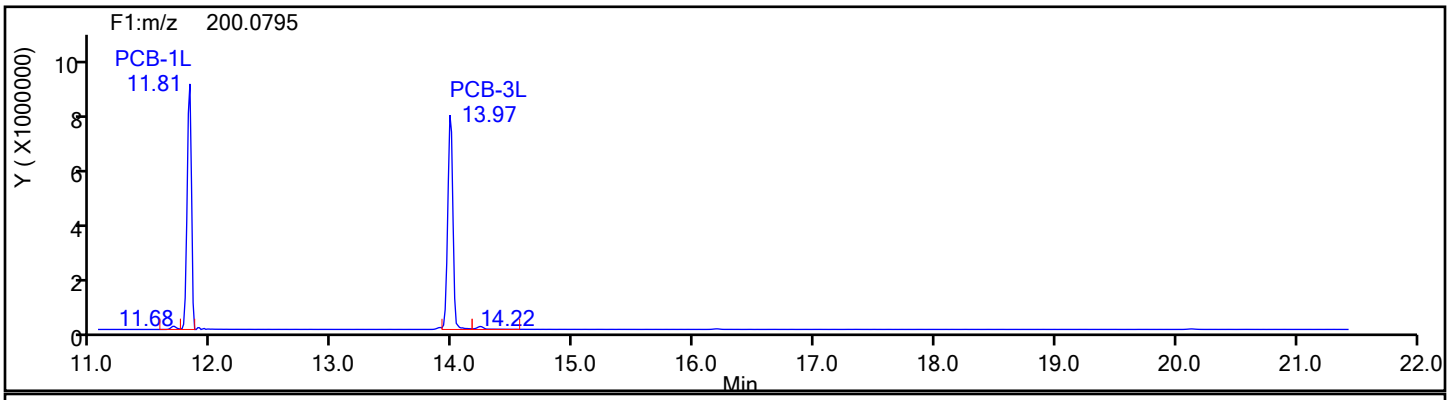
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

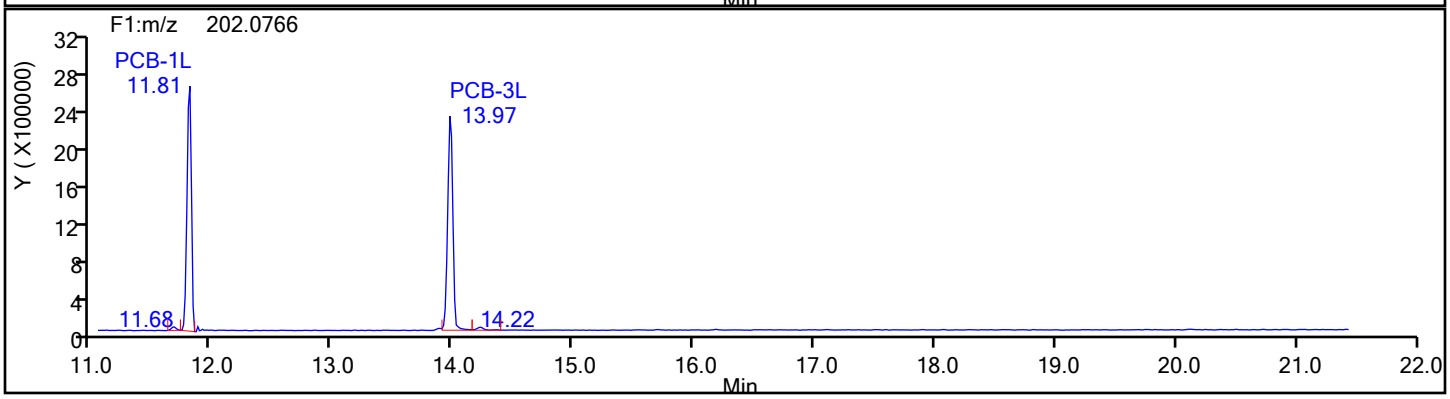
MoPCB F1





MoPCB F1 Standards





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Eurofins TestAmerica, Knoxville

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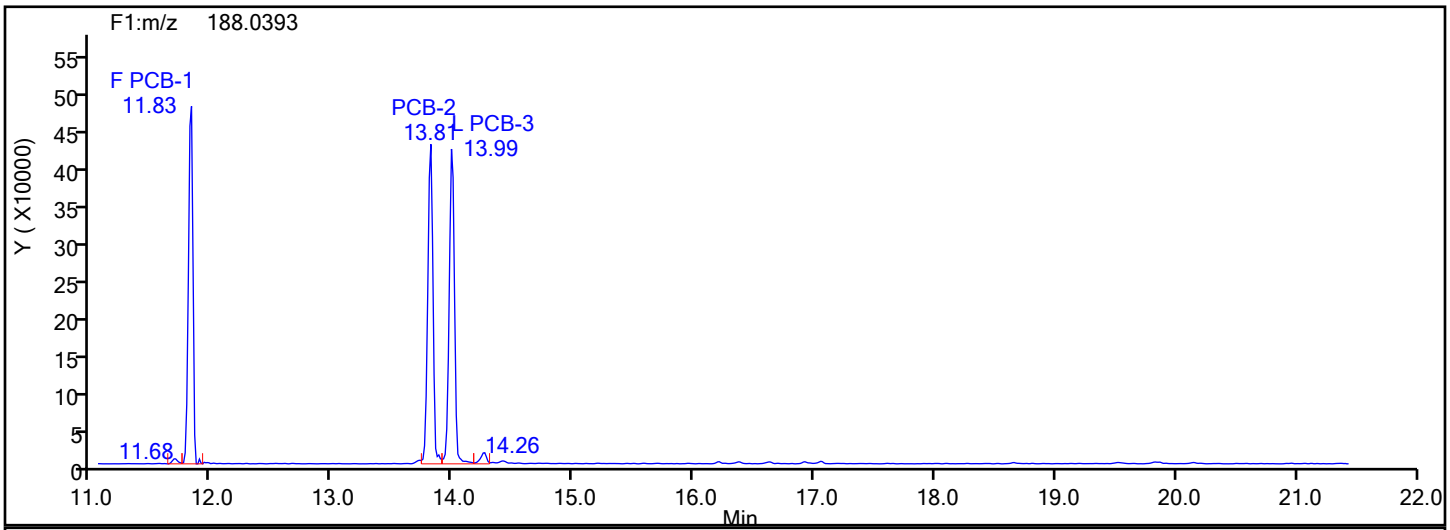
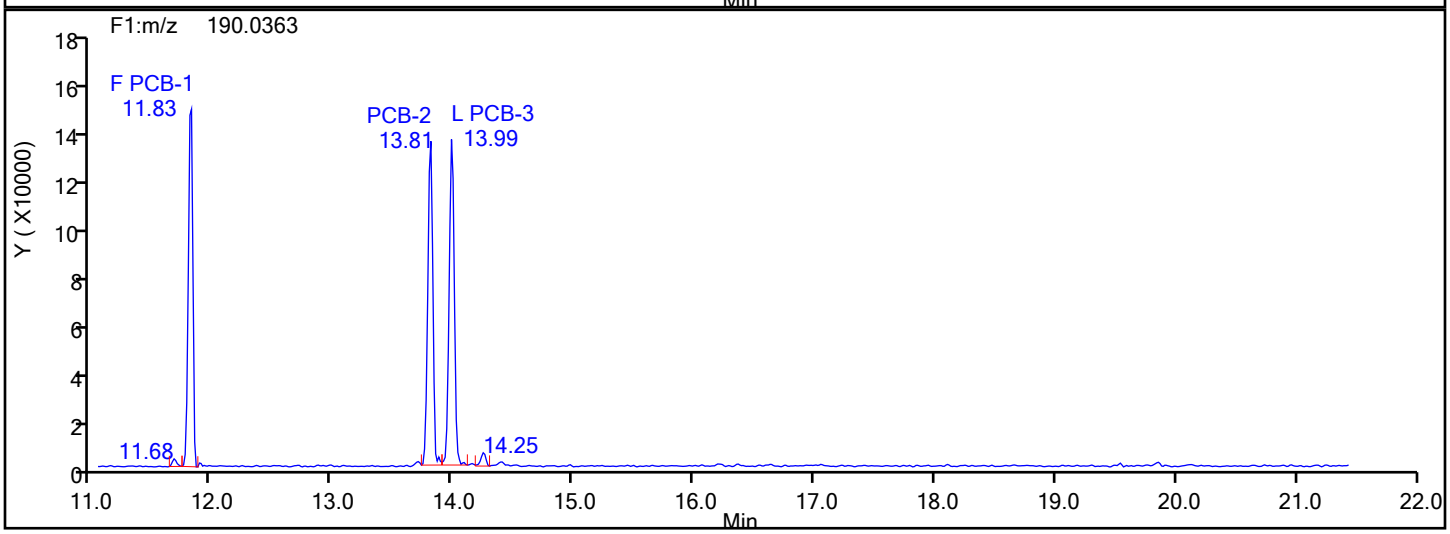
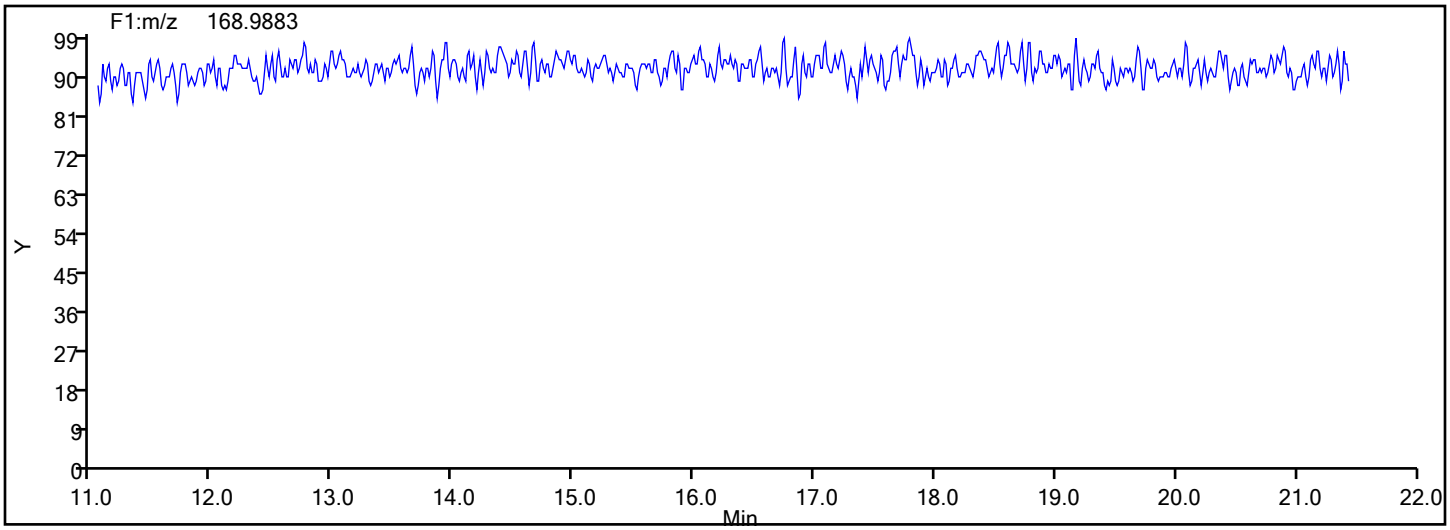
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Report Date: 08-Oct-2021 19:10:53 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

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Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
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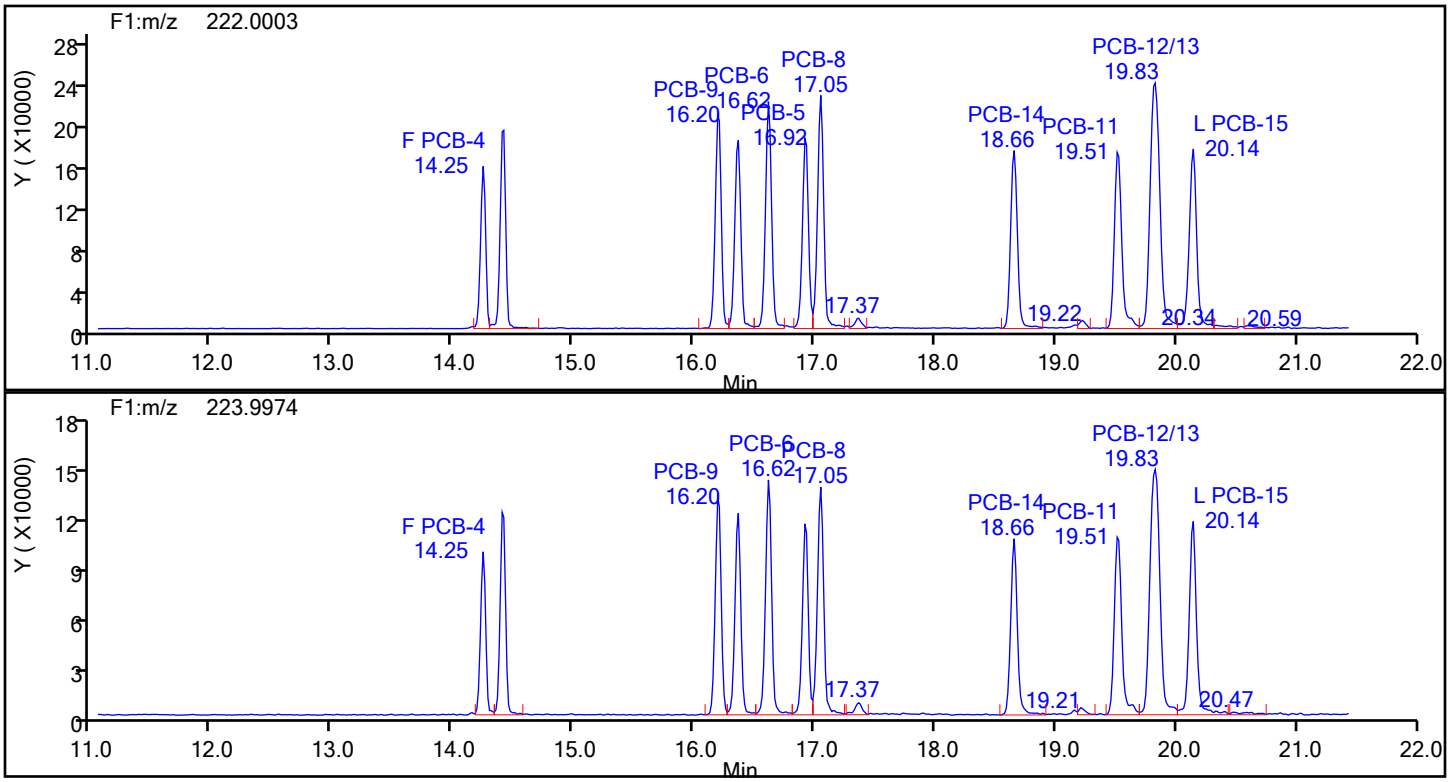
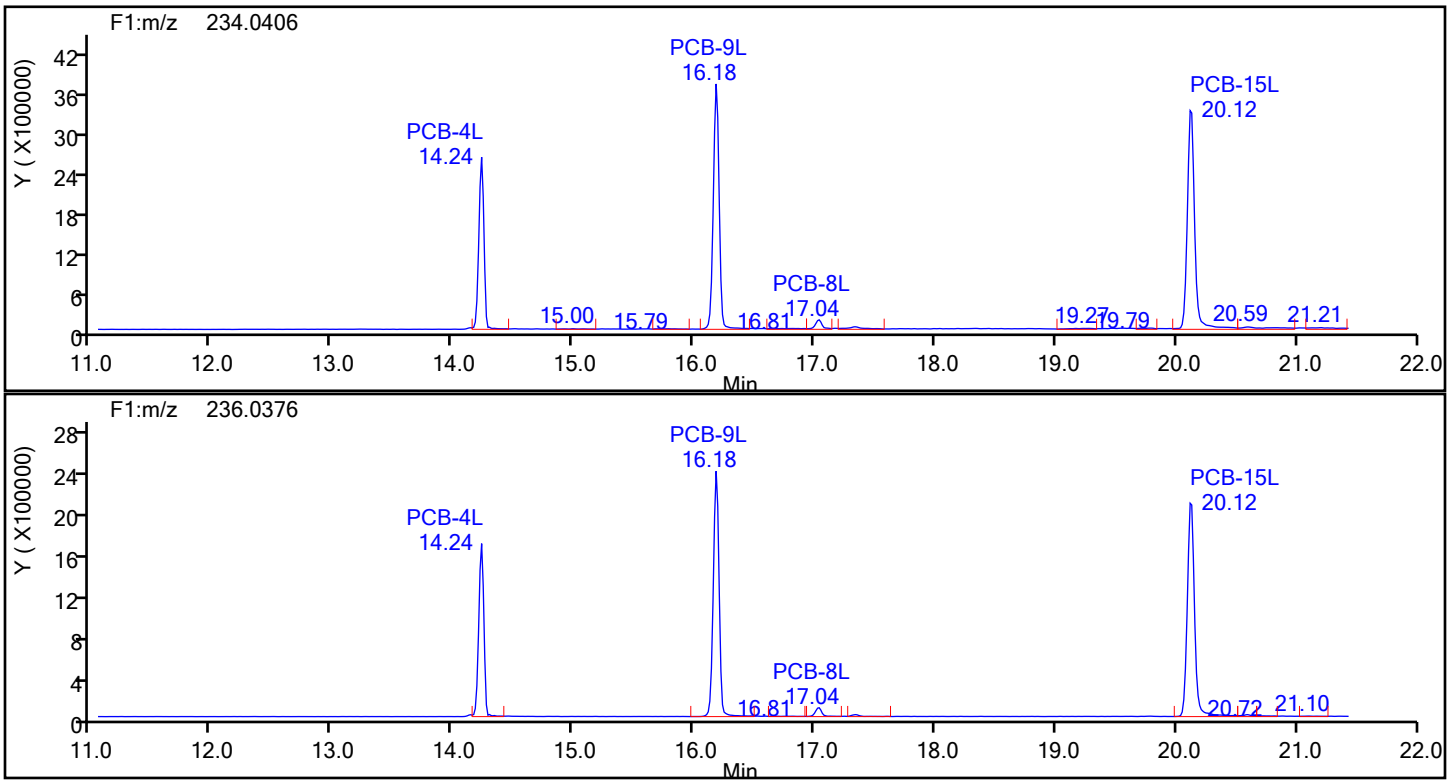
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards



Report Date: 08-Oct-2021 19:10:53 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

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Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
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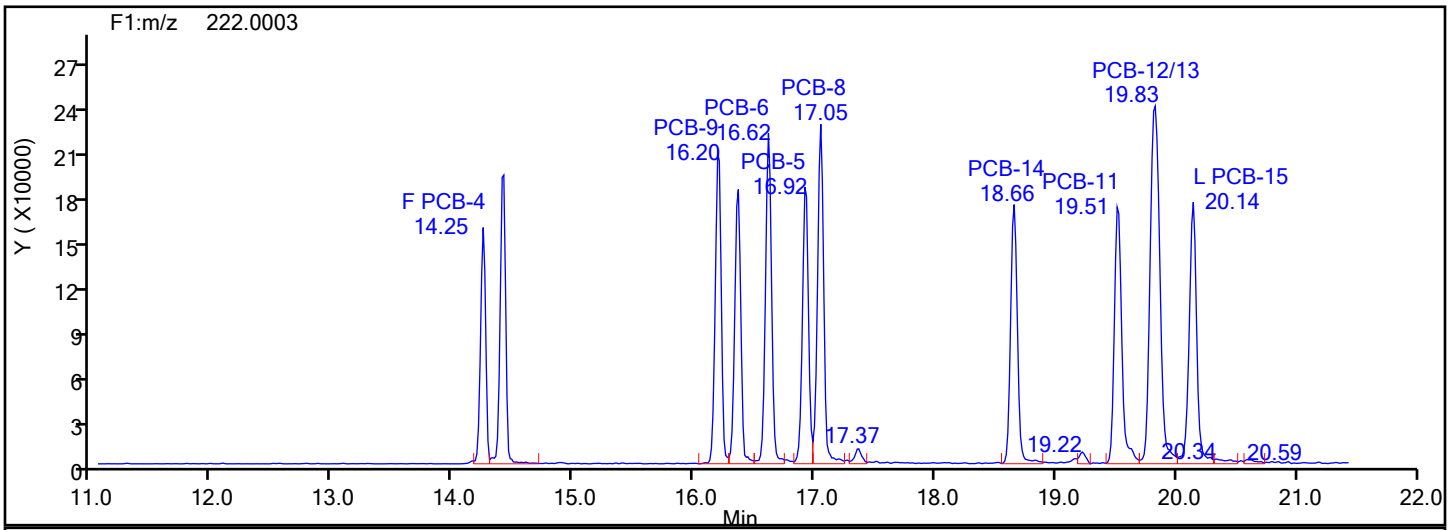
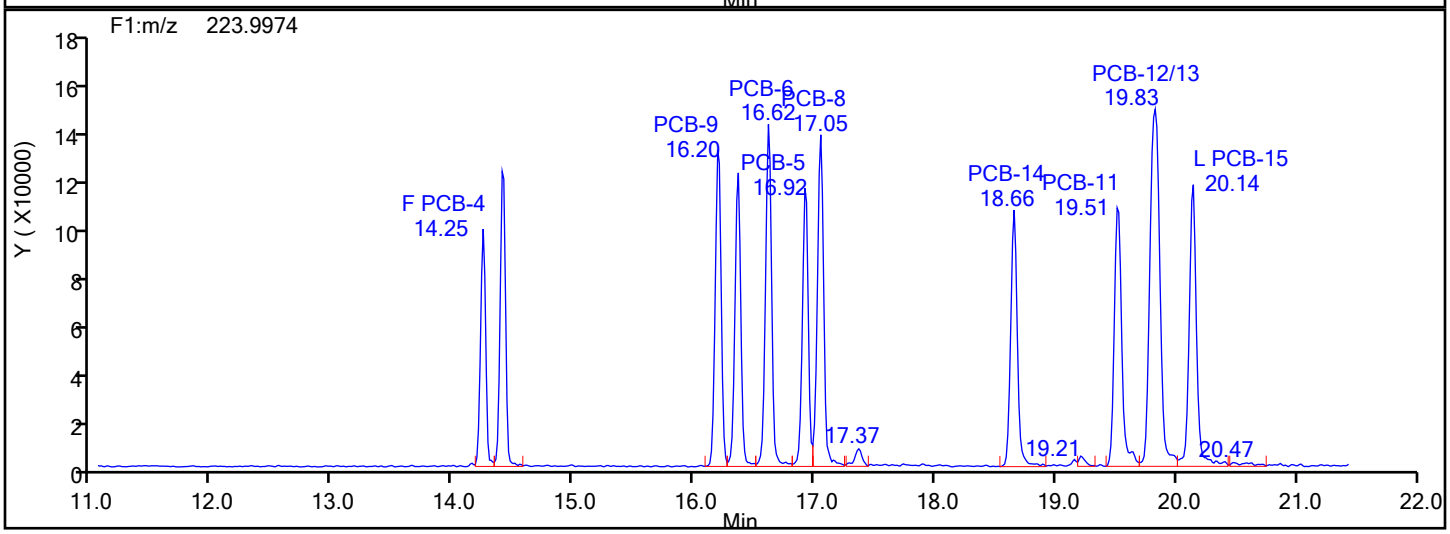
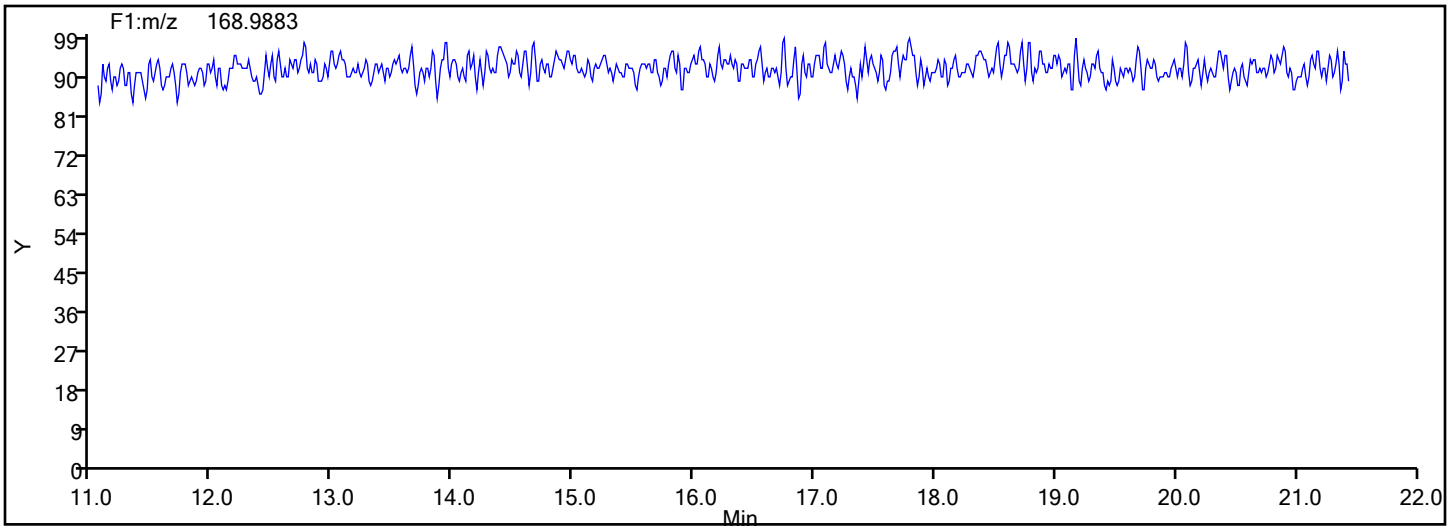
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



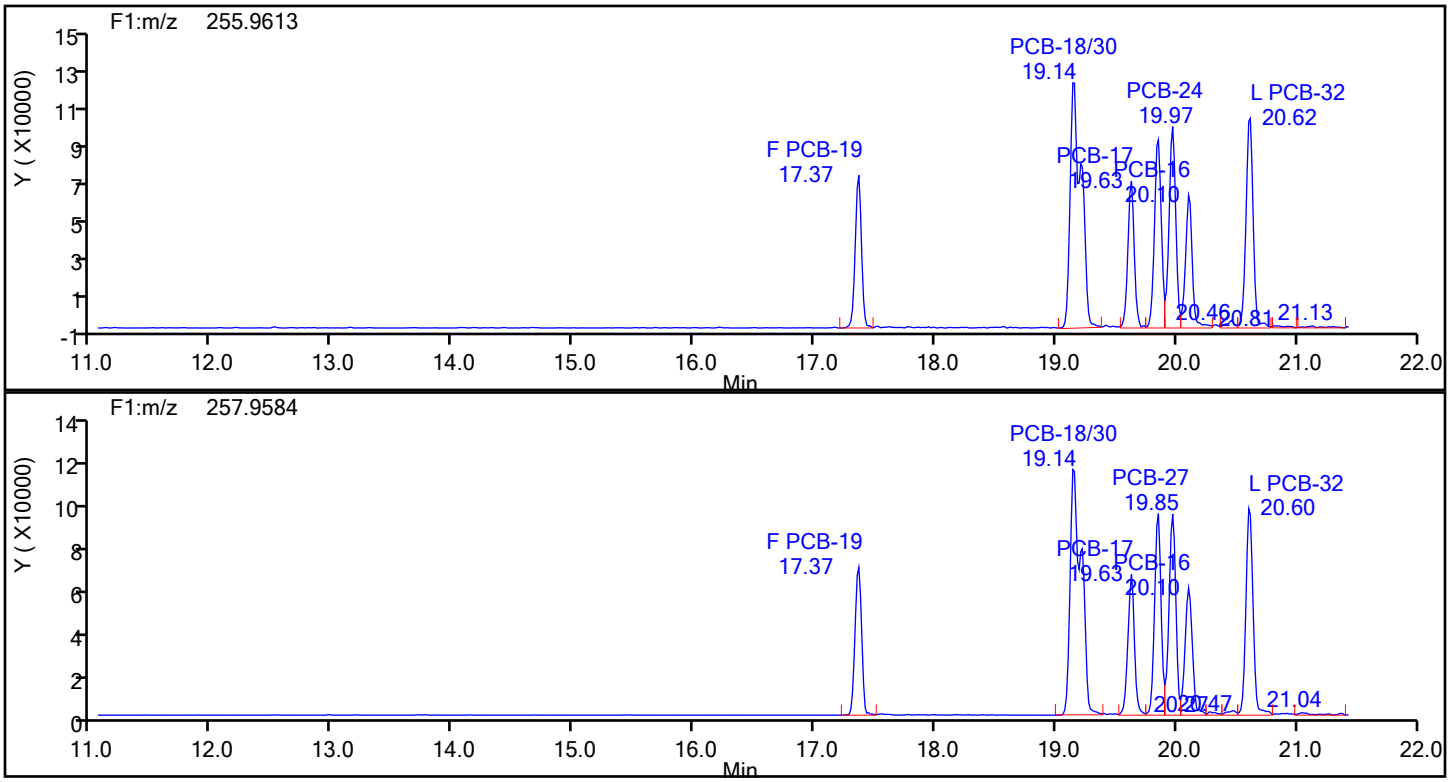
Report Date: 08-Oct-2021 19:10:53 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

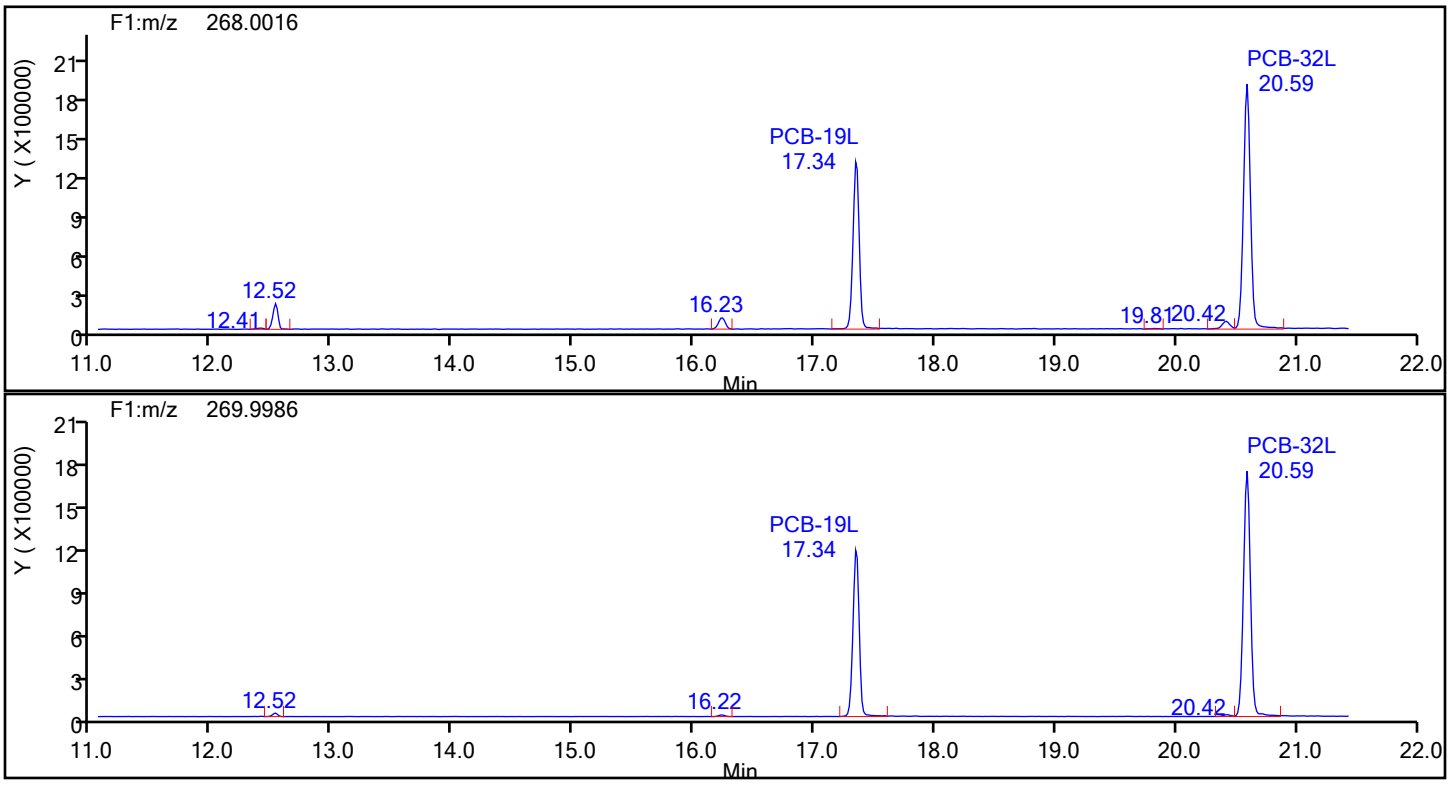
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

TriPCB F1



TriPCB F1 Standards

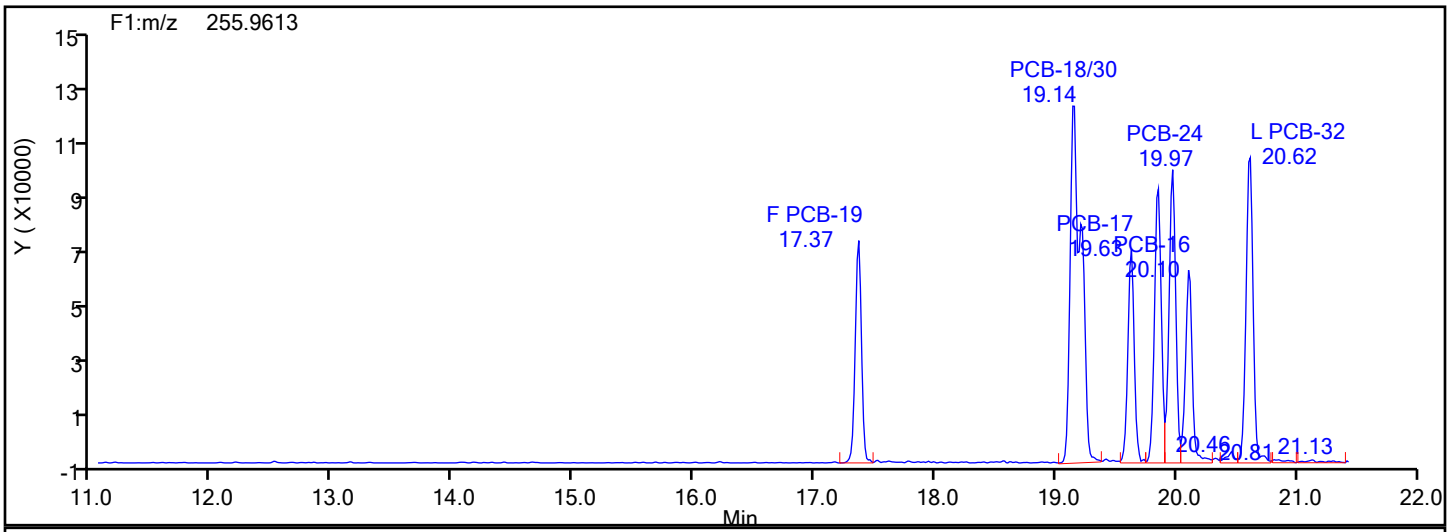


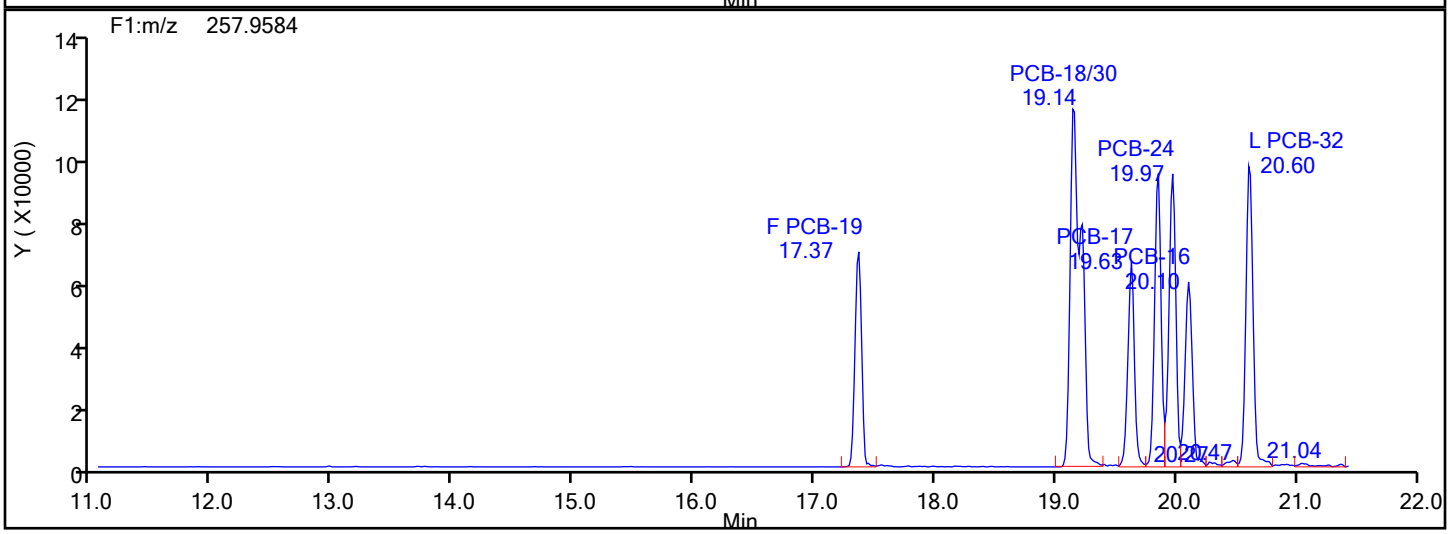
Report Date: 08-Oct-2021 19:10:53 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

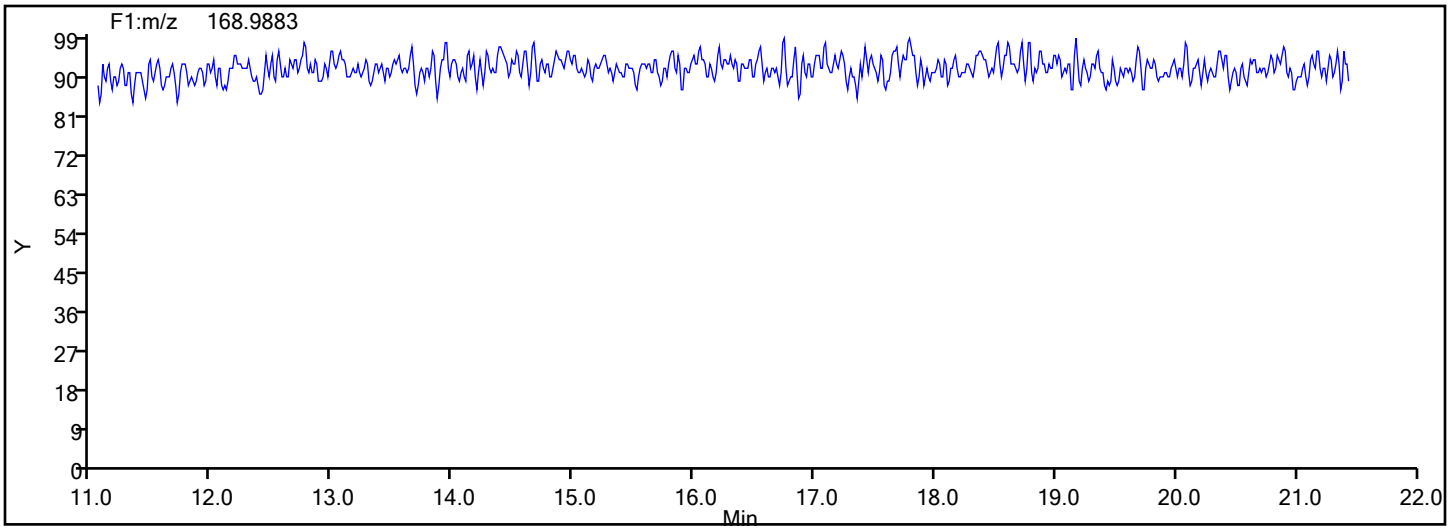
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Injection Vol: 1.0 ul
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 54640 Sample Line#: 3
Column Type: Column Dia:

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

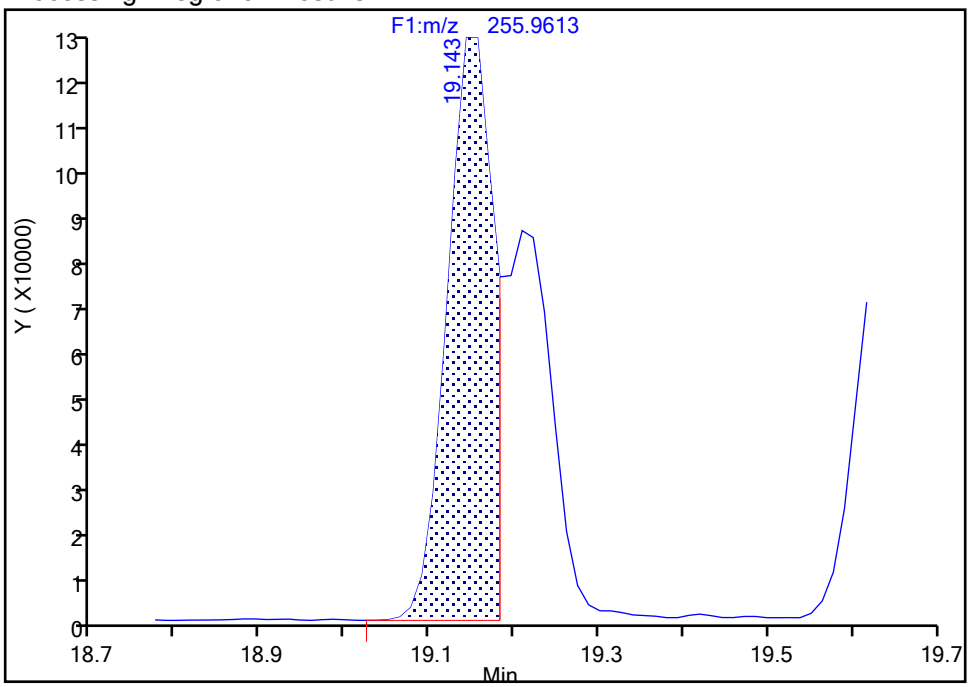
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-18/30, CAS: STL01798

Signal: 1

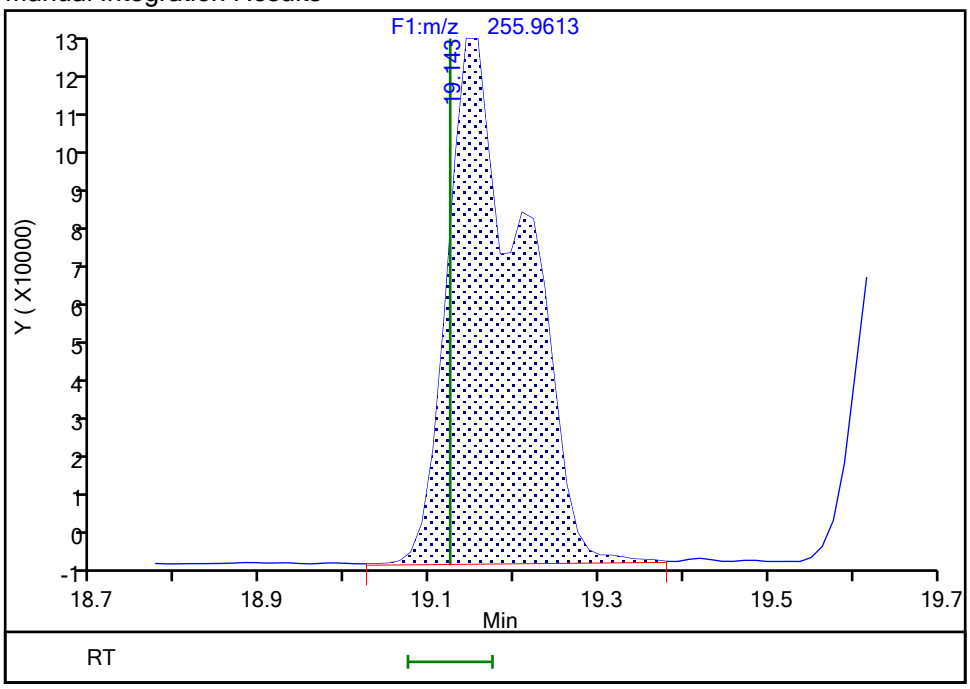
Processing Integration Results

RT: 19.14
Area: 446266
Amount: 6.659968
Amount Units: pg/ul



Manual Integration Results

RT: 19.14
Area: 771032
Amount: 9.366394
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:06:38

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

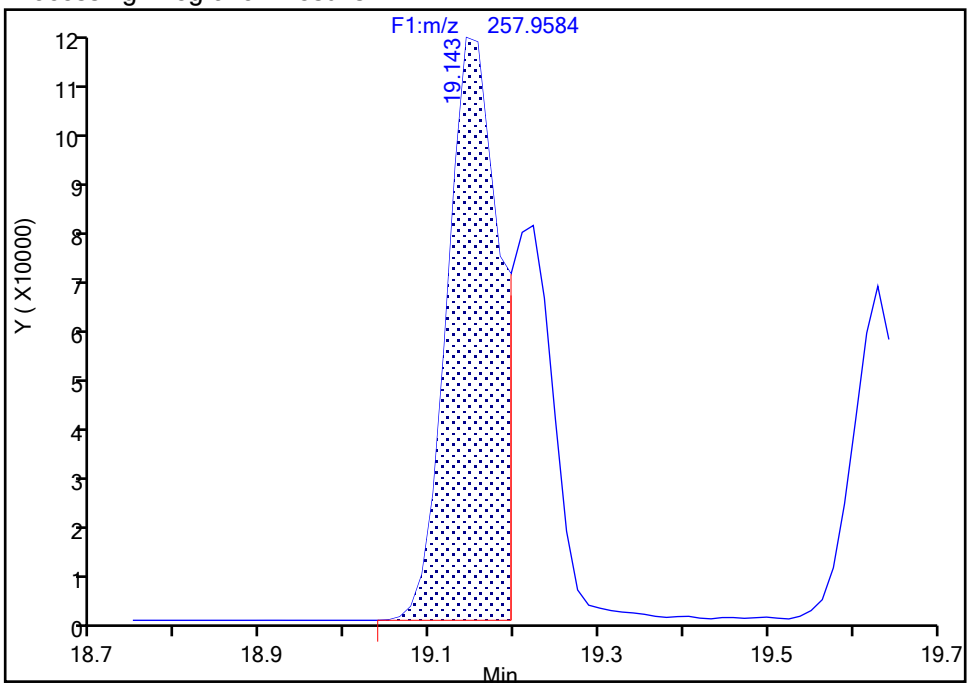
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-18/30, CAS: STL01798

Signal: 2

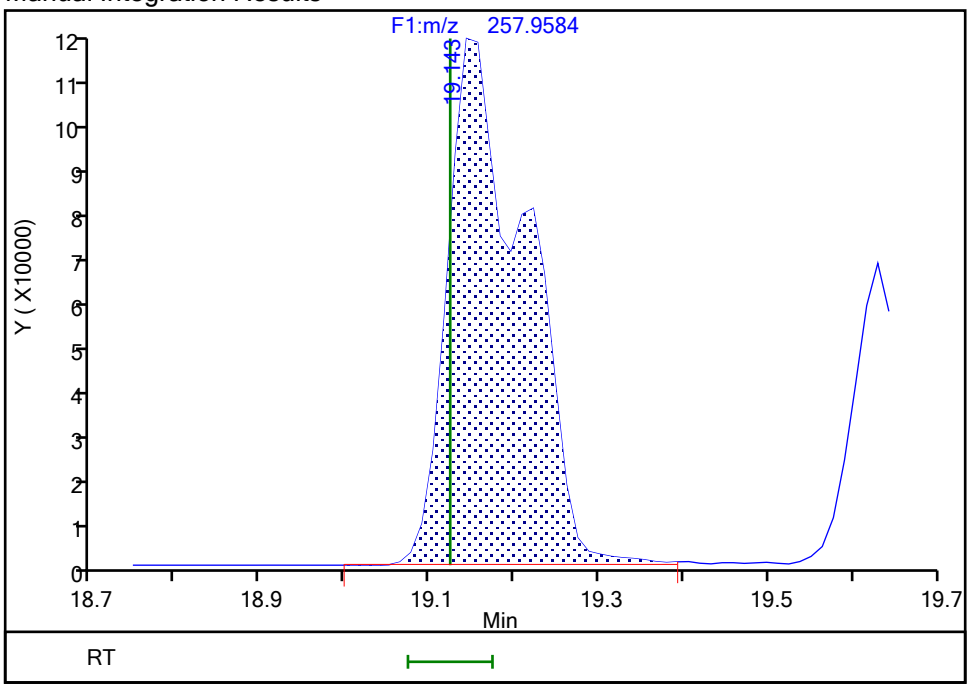
Processing Integration Results

RT: 19.14
Area: 469219
Amount: 6.659968
Amount Units: pg/ul



Manual Integration Results

RT: 19.14
Area: 718182
Amount: 9.366394
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:06:45

Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:10:53 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

Injection Date: 08-Oct-2021 13:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

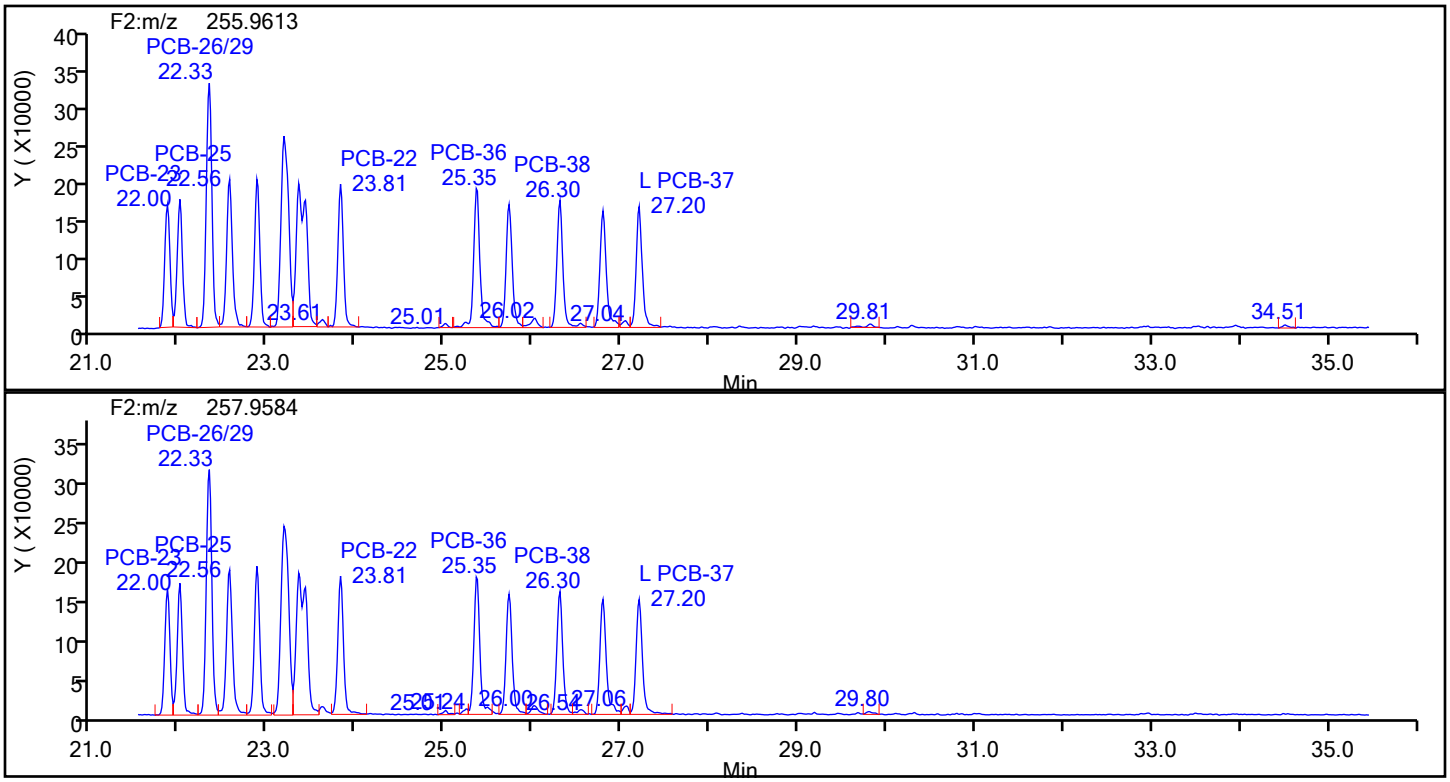
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

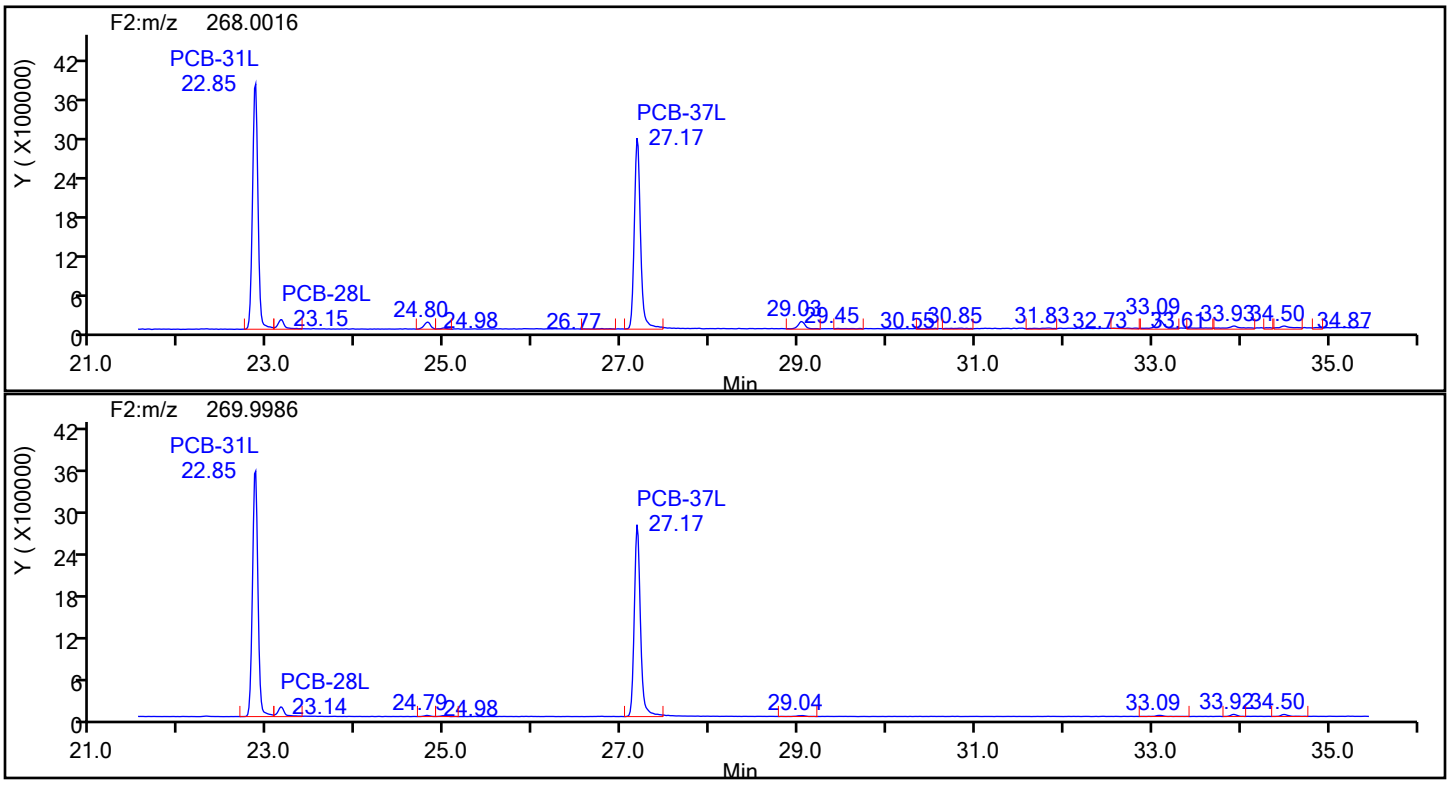
Worklist#: 54640 Sample Line#: 3

Column Type: Column Dia:

TriPCB F2



TriPCB F2 Standards

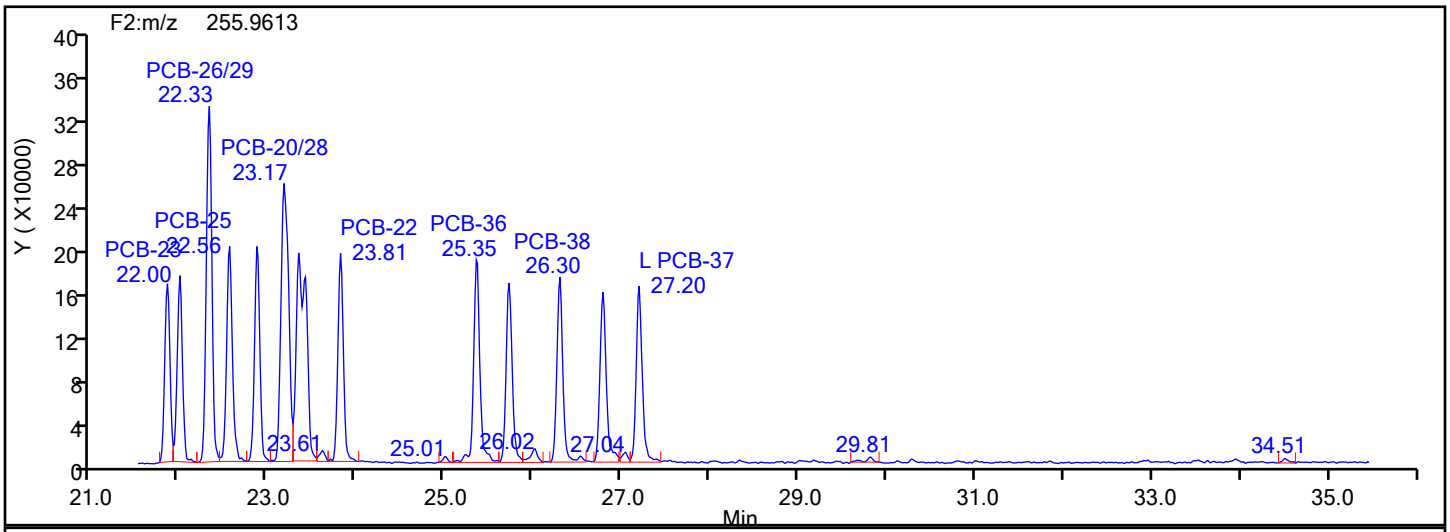


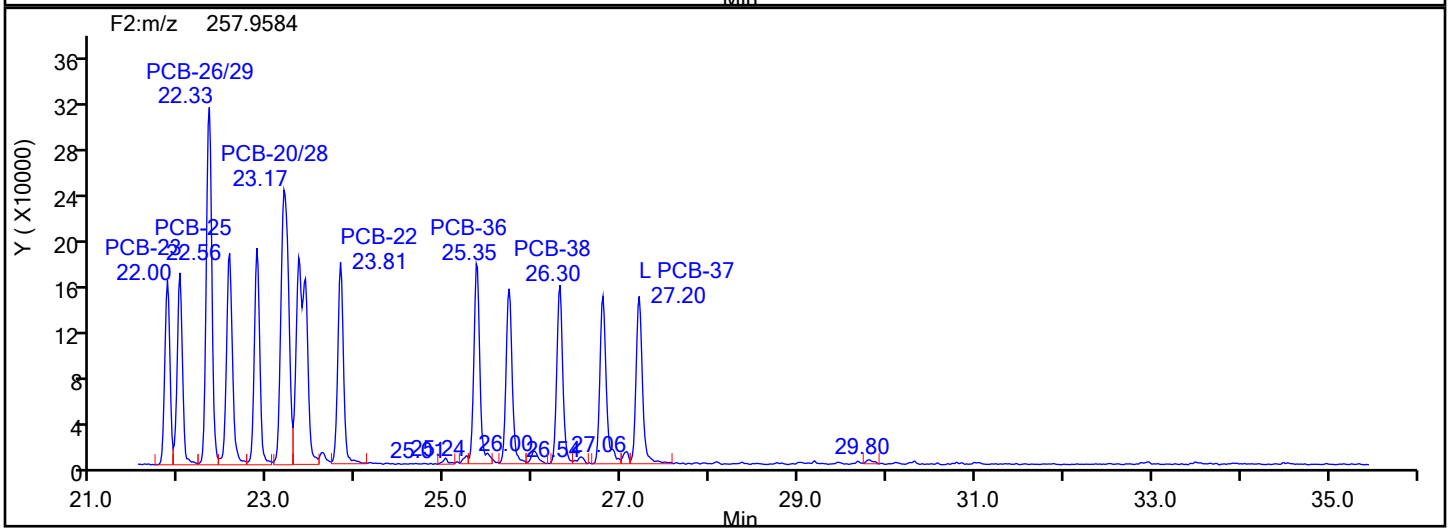
Report Date: 08-Oct-2021 19:10:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

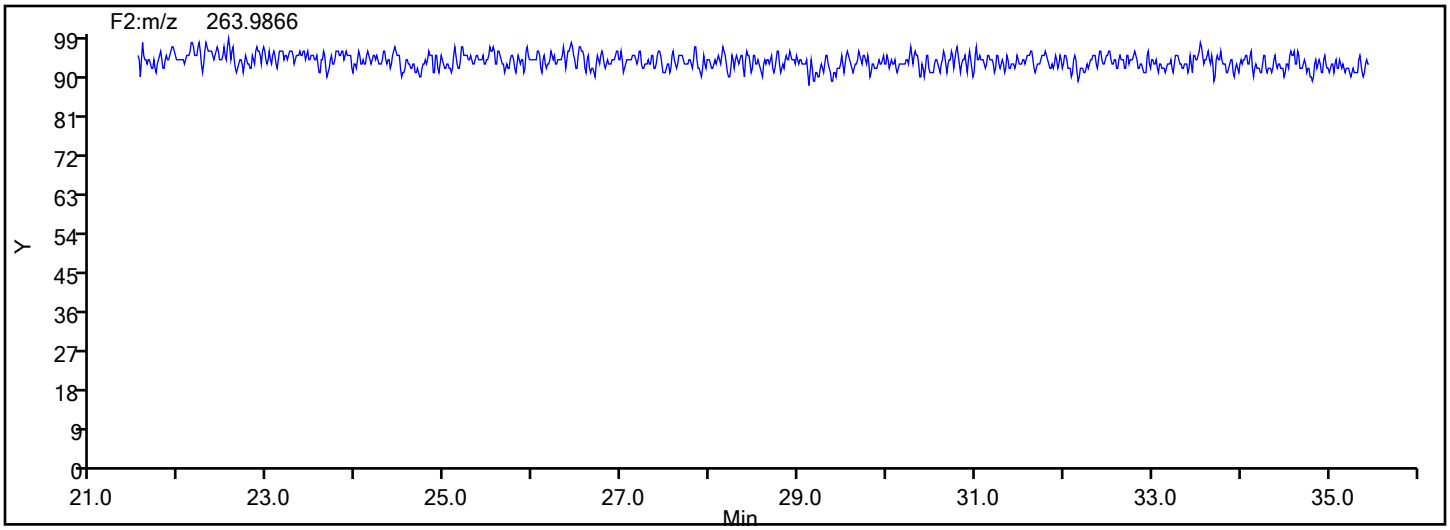
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

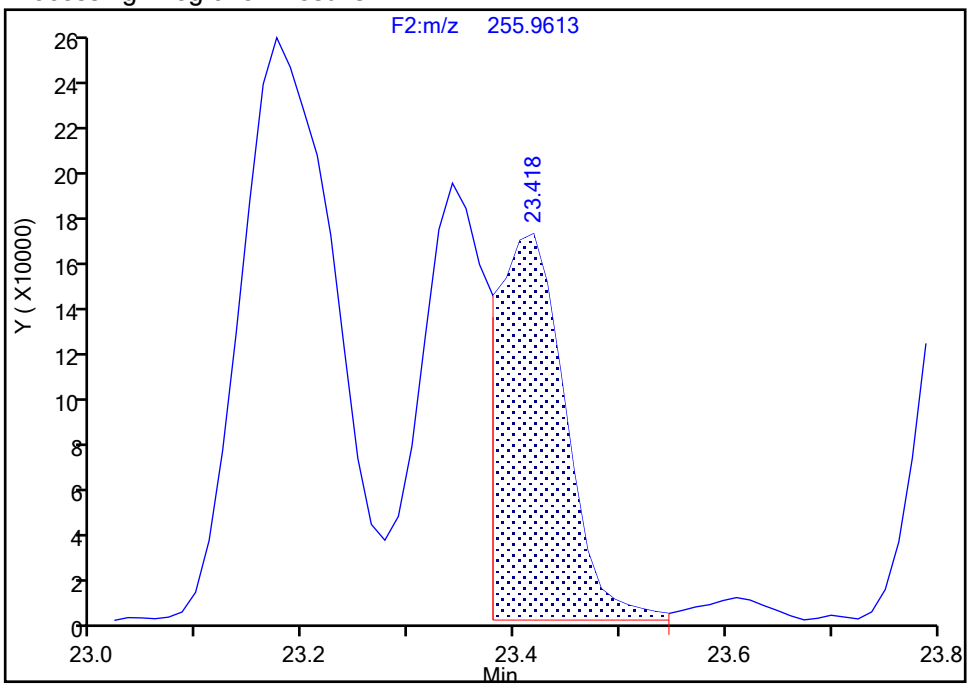
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-21/33, CAS: STL01800

Signal: 1

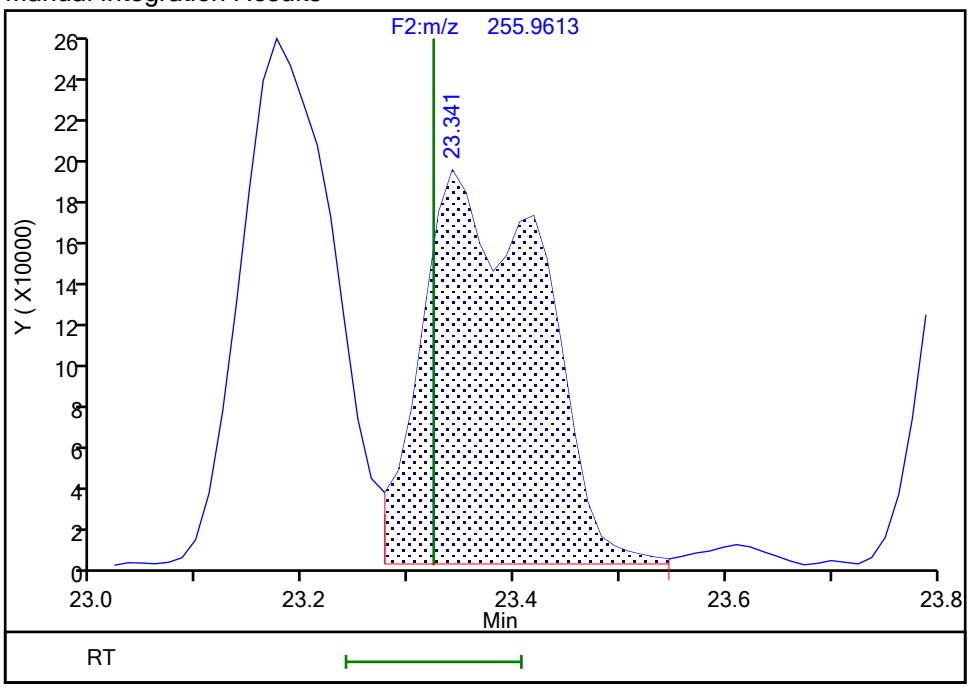
Processing Integration Results

RT: 23.42
Area: 726467
Amount: 5.850280
Amount Units: pg/ul



Manual Integration Results

RT: 23.34
Area: 1510474
Amount: 9.535759
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:07:09

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

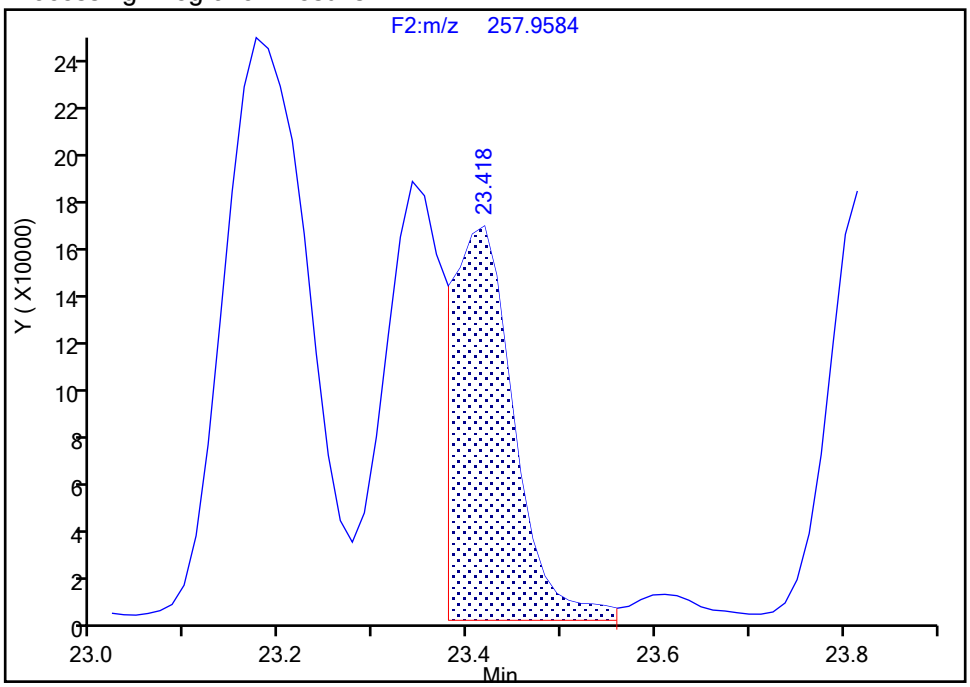
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 2

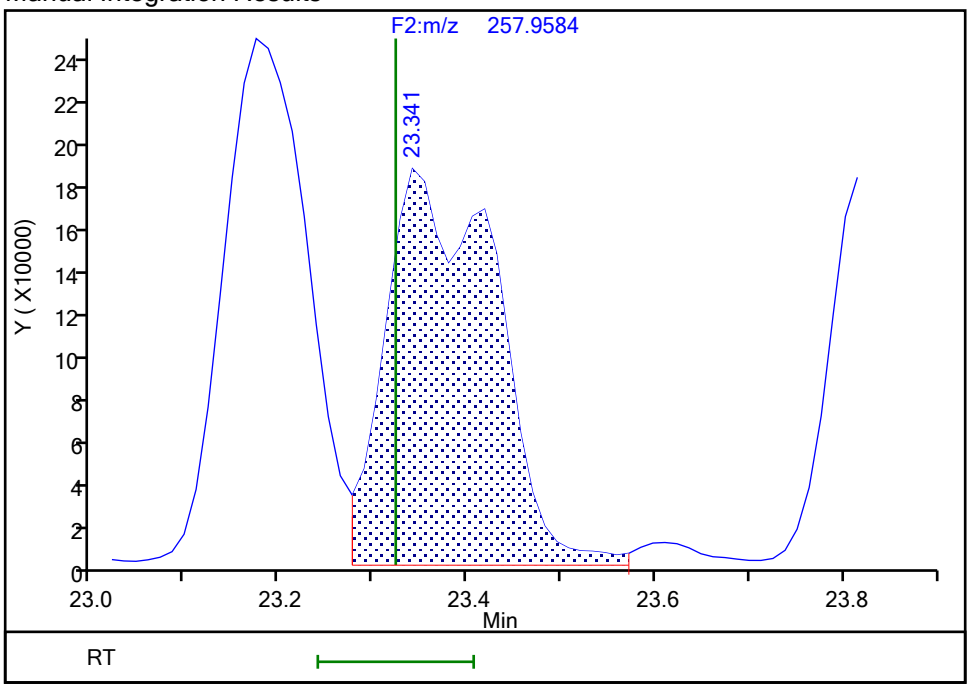
Processing Integration Results

RT: 23.42
Area: 725554
Amount: 5.850280
Amount Units: pg/ul



Manual Integration Results

RT: 23.34
Area: 1490893
Amount: 9.535759
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:07:18
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

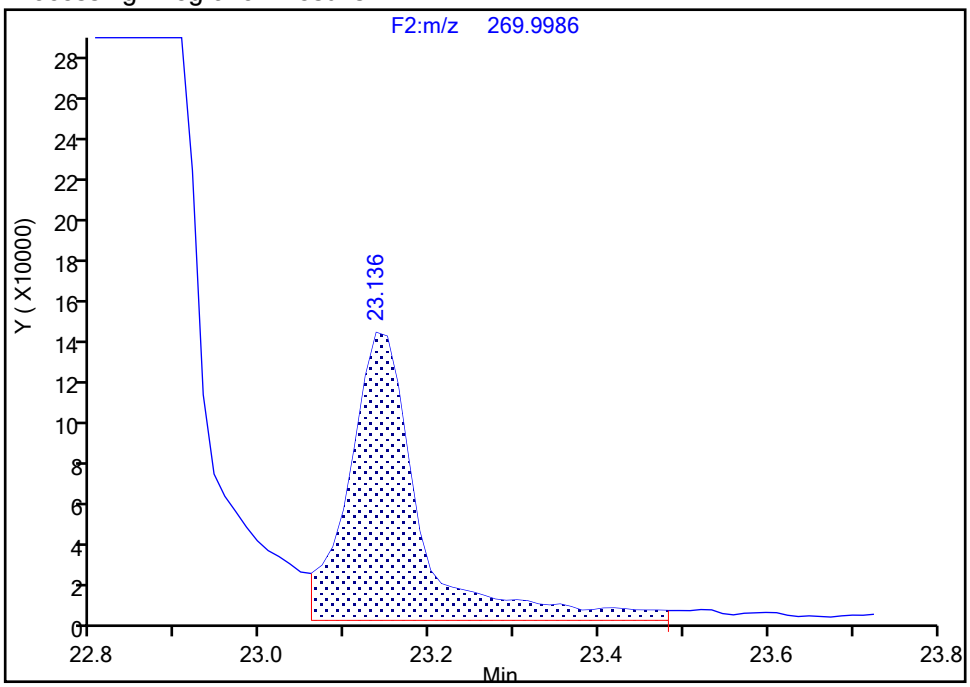
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-28L, CAS: 208263-76-7

Signal: 2

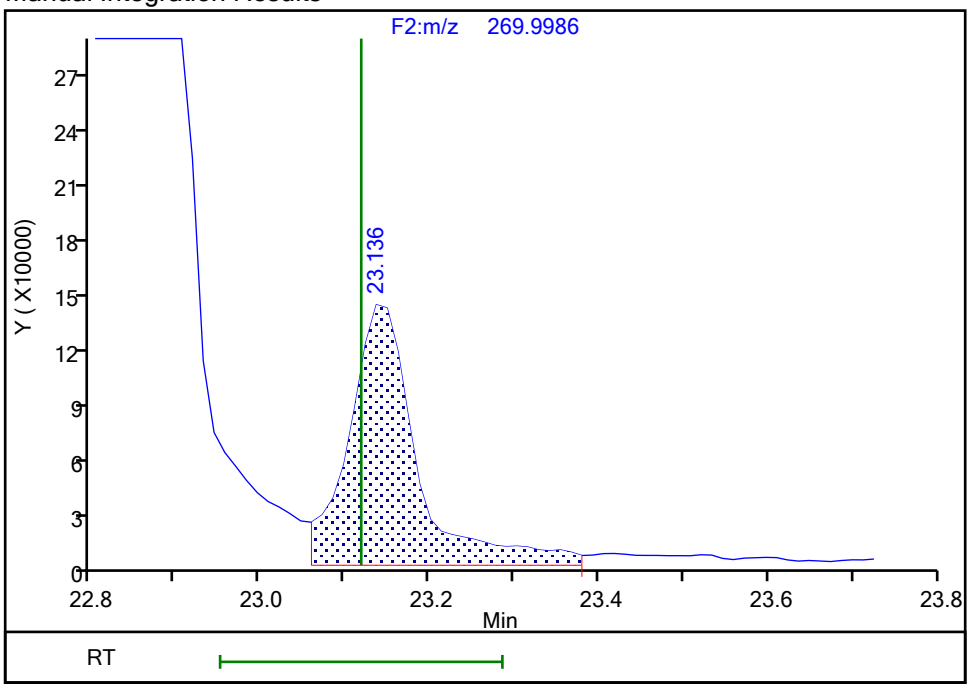
Processing Integration Results

RT: 23.14
Area: 798027
Amount: 5.151803
Amount Units: pg/ul



Manual Integration Results

RT: 23.14
Area: 773487
Amount: 5.100110
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:18:14
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

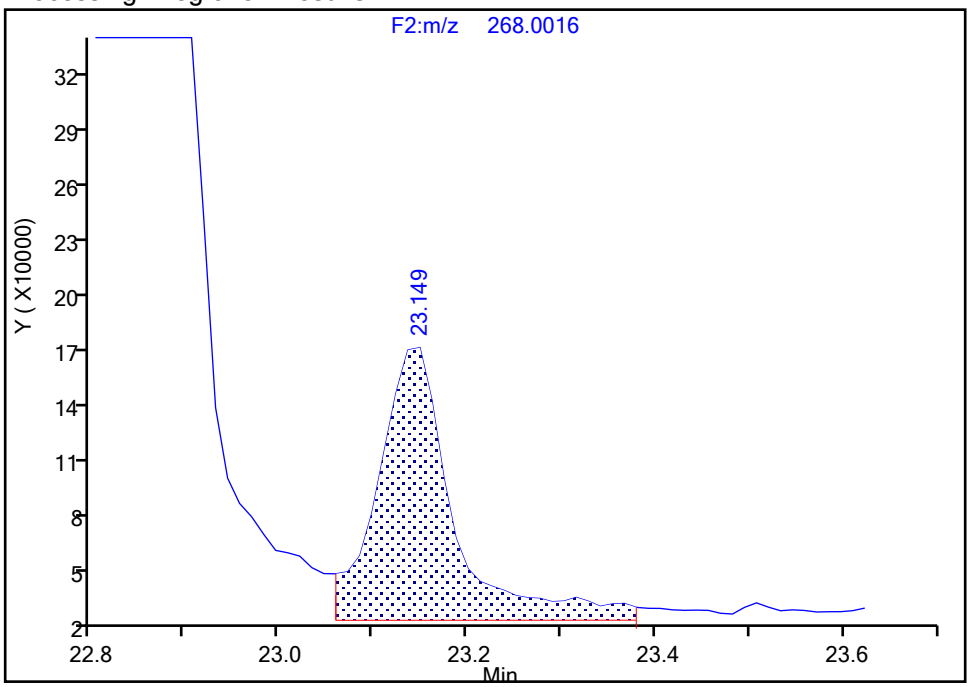
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-28L, CAS: 208263-76-7

Signal: 1

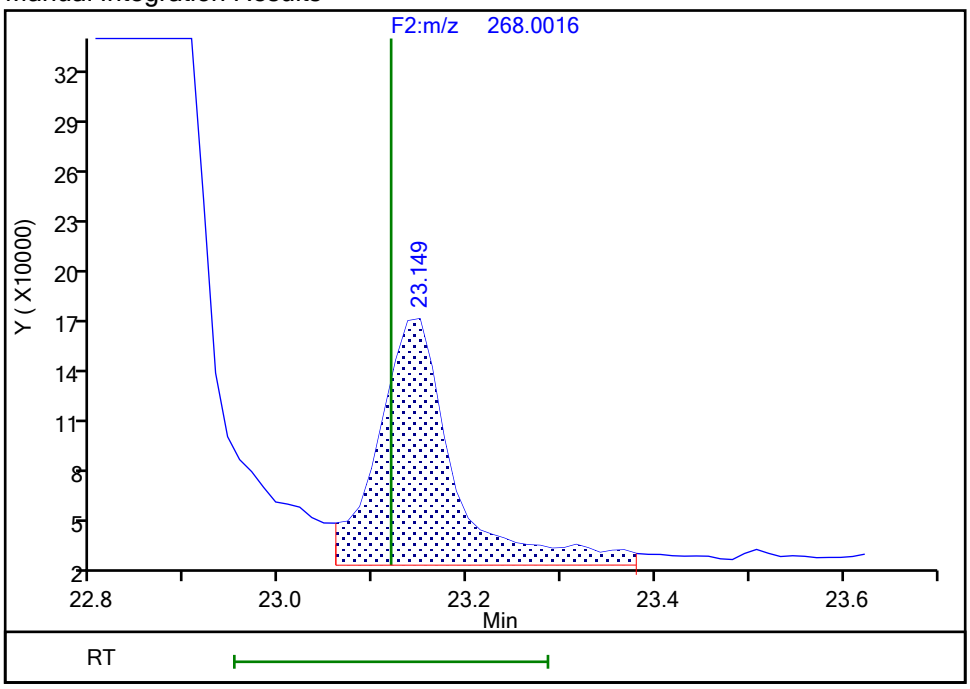
Processing Integration Results

RT: 23.15
Area: 816113
Amount: 5.151803
Amount Units: pg/ul



Manual Integration Results

RT: 23.15
Area: 816113
Amount: 5.100110
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:18:20
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

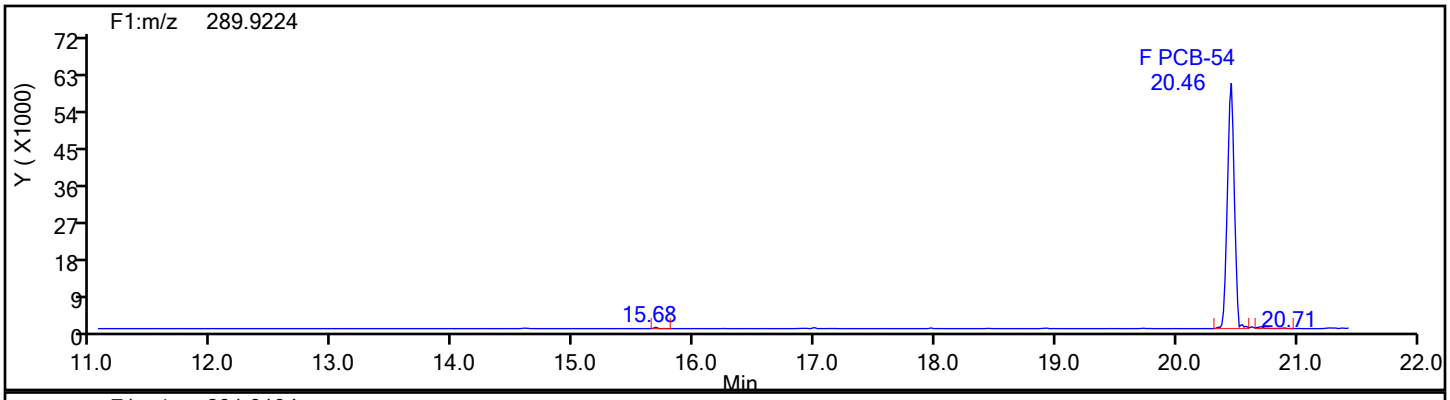
Report Date: 08-Oct-2021 19:10:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

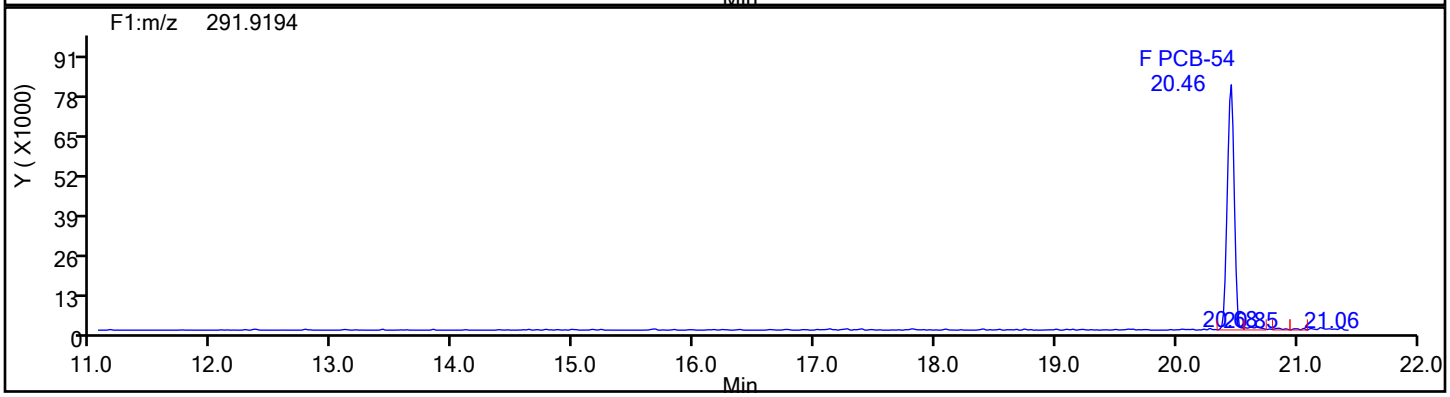
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

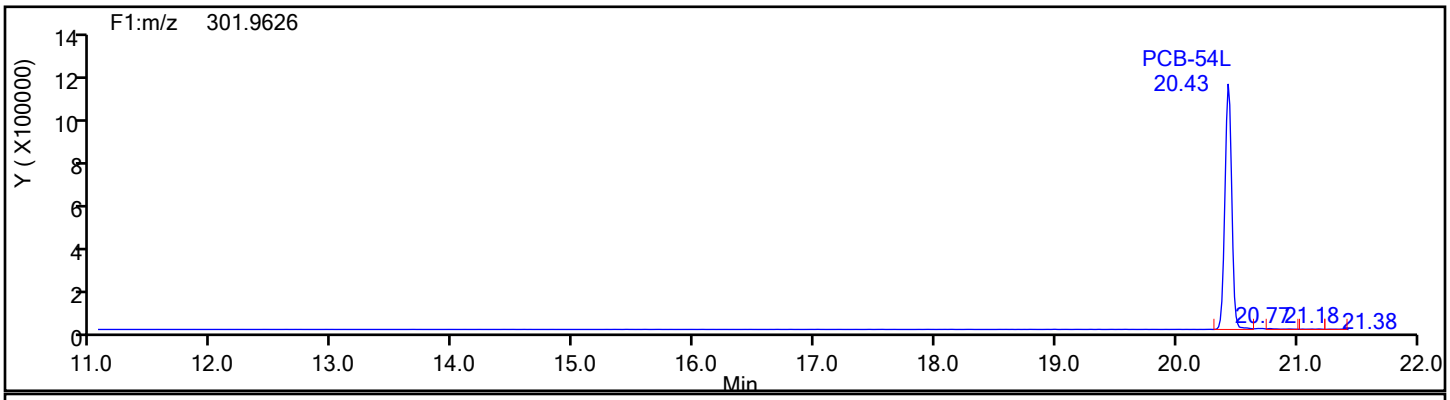
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

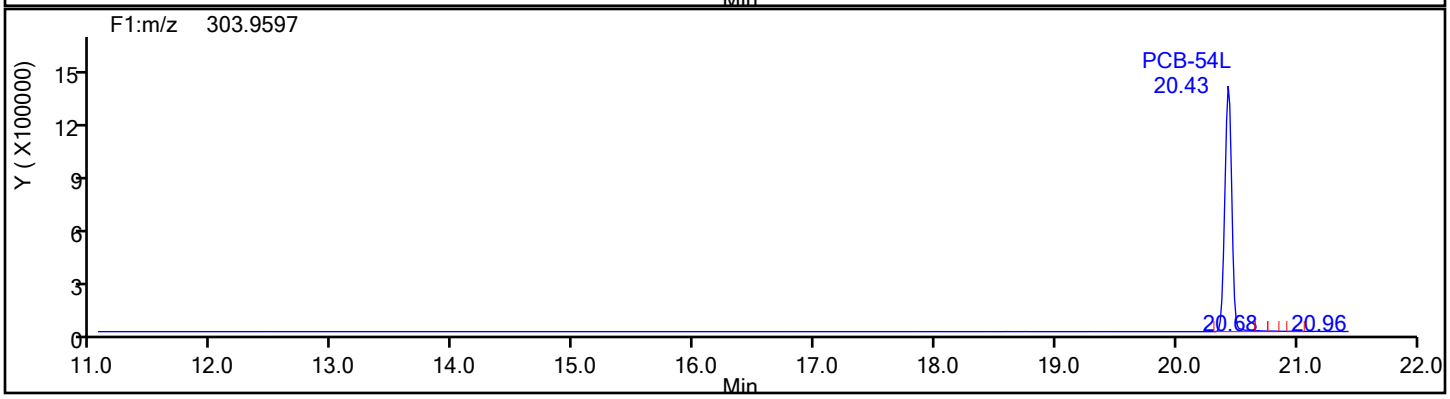
TePCB F1





TePCB F1 Standards



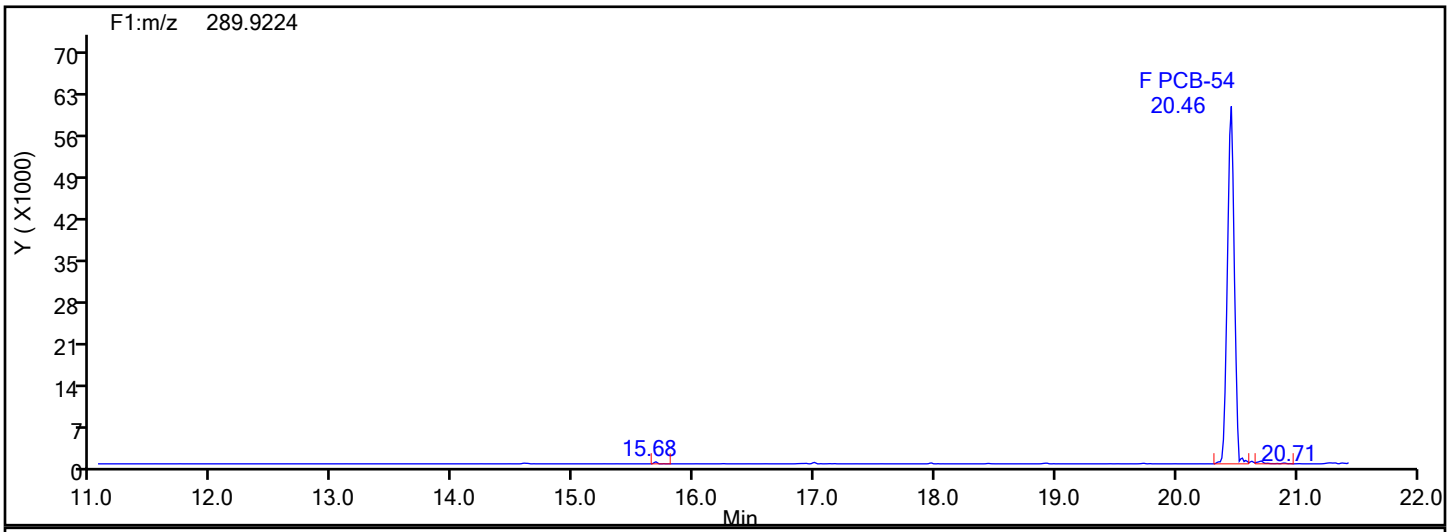


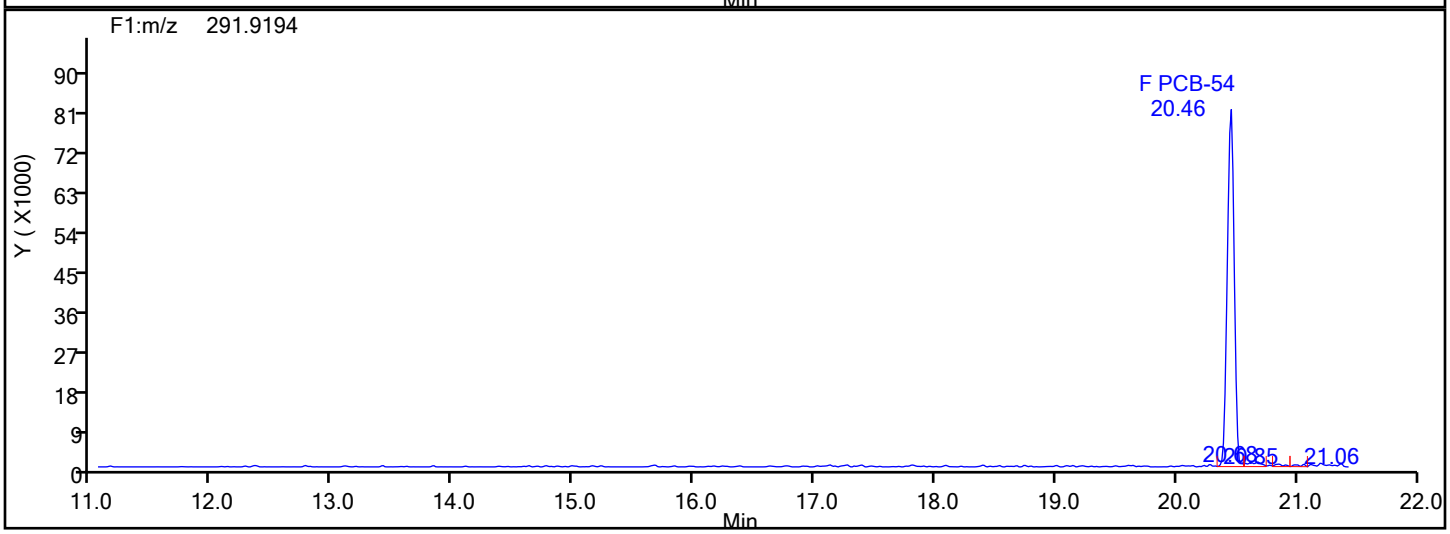
Report Date: 08-Oct-2021 19:10:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

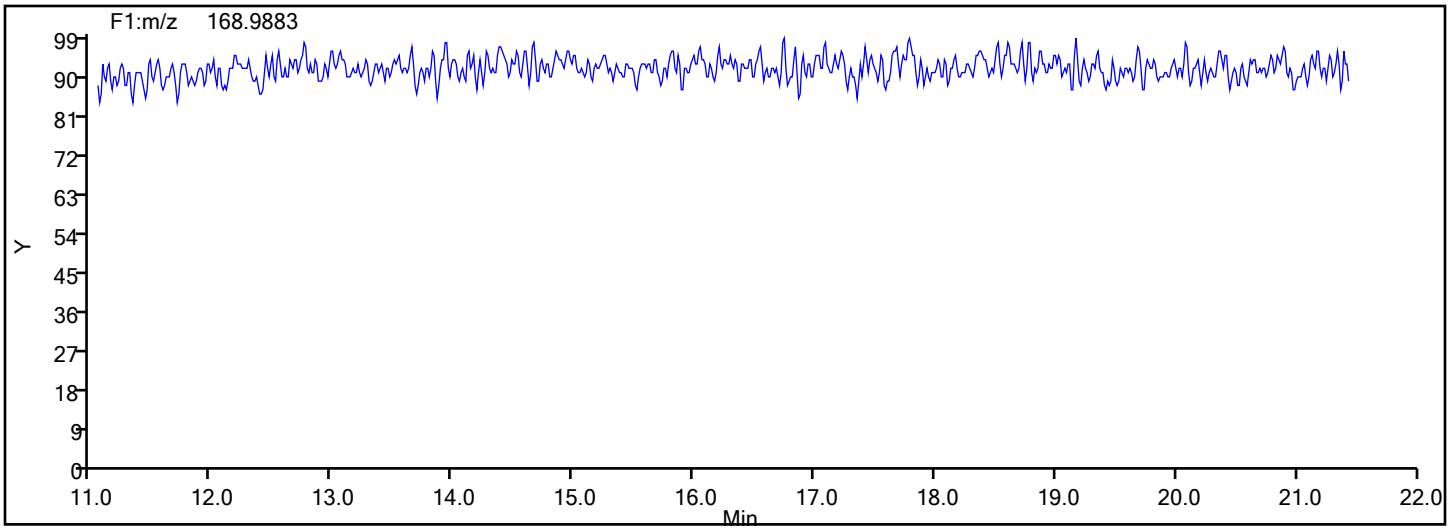
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



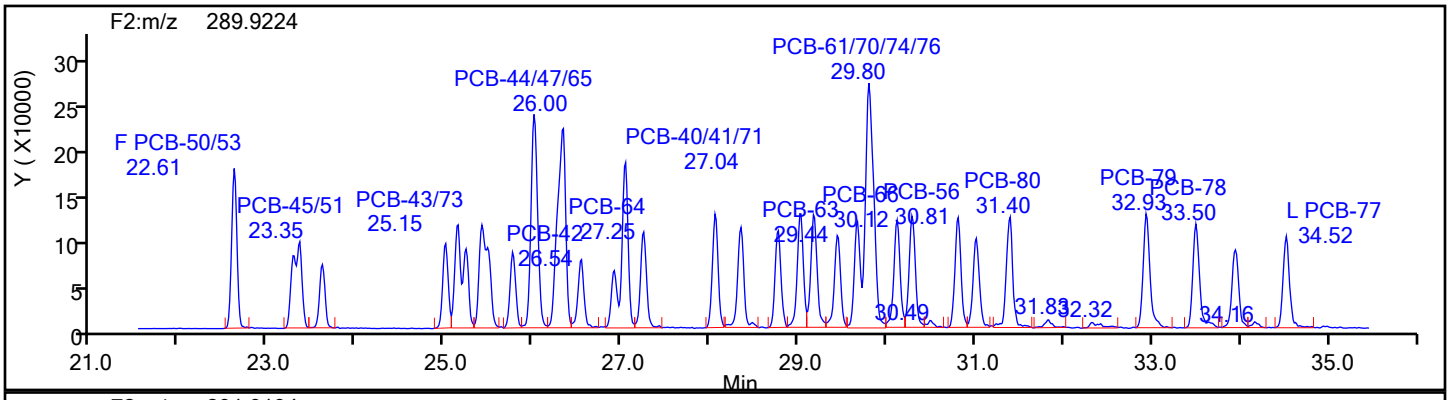
Report Date: 08-Oct-2021 19:10:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

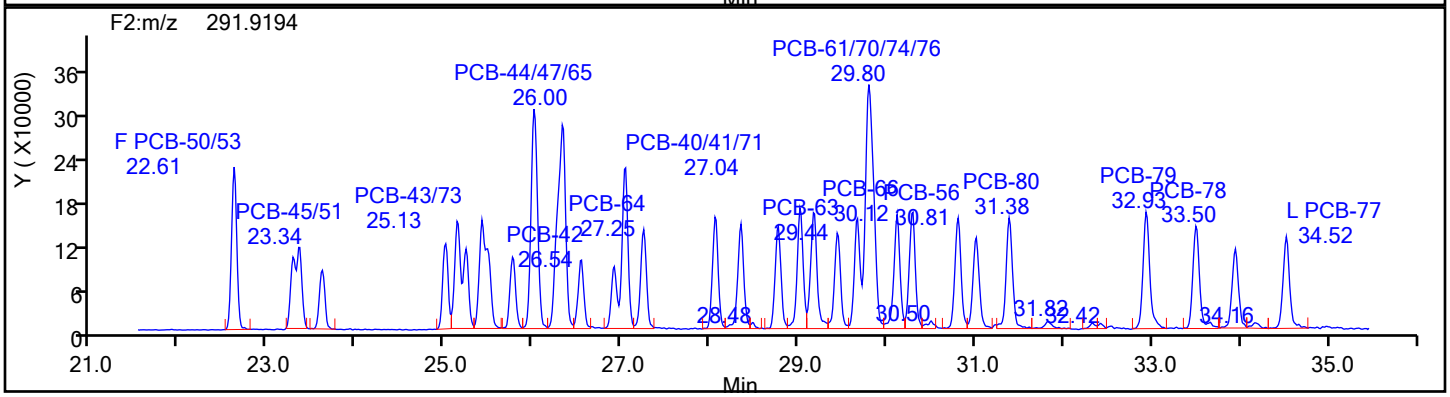
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

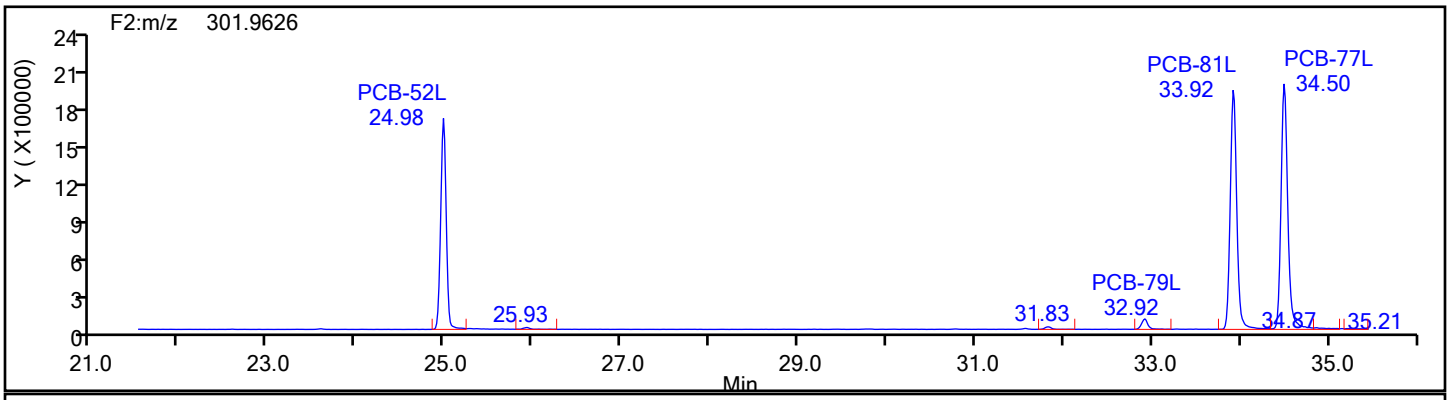
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

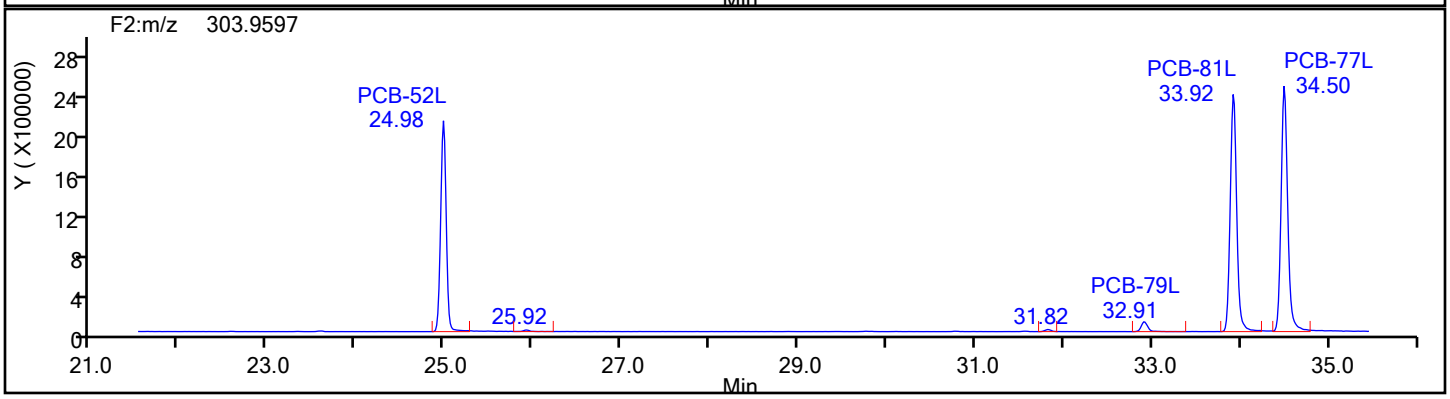
TePCB F2





TePCB F2 Standards



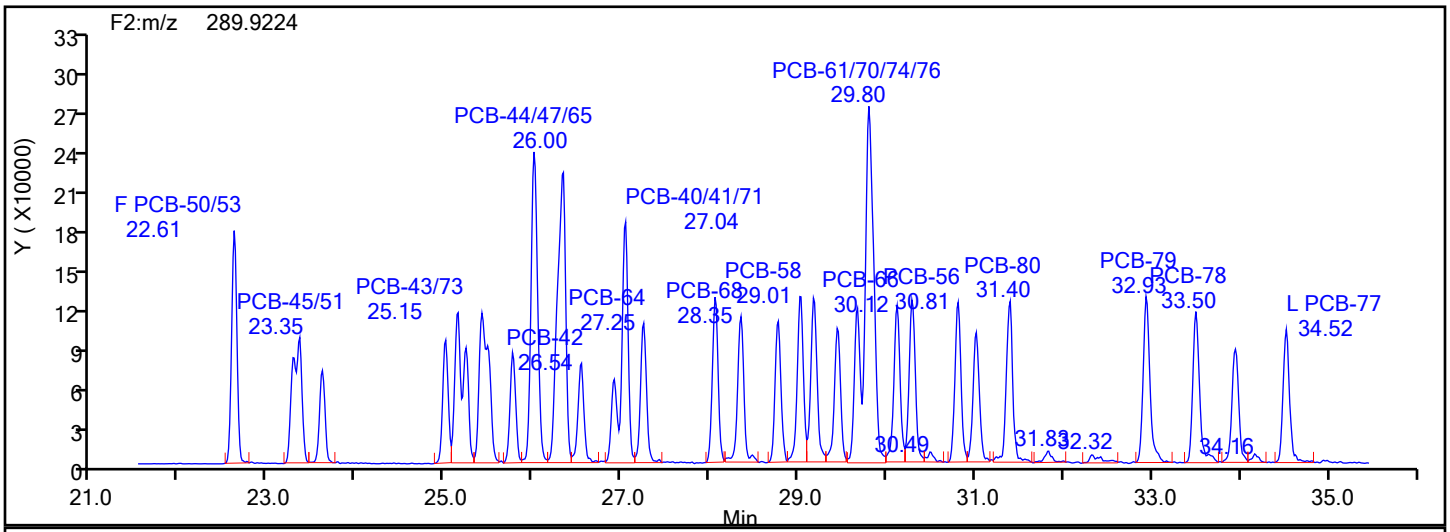


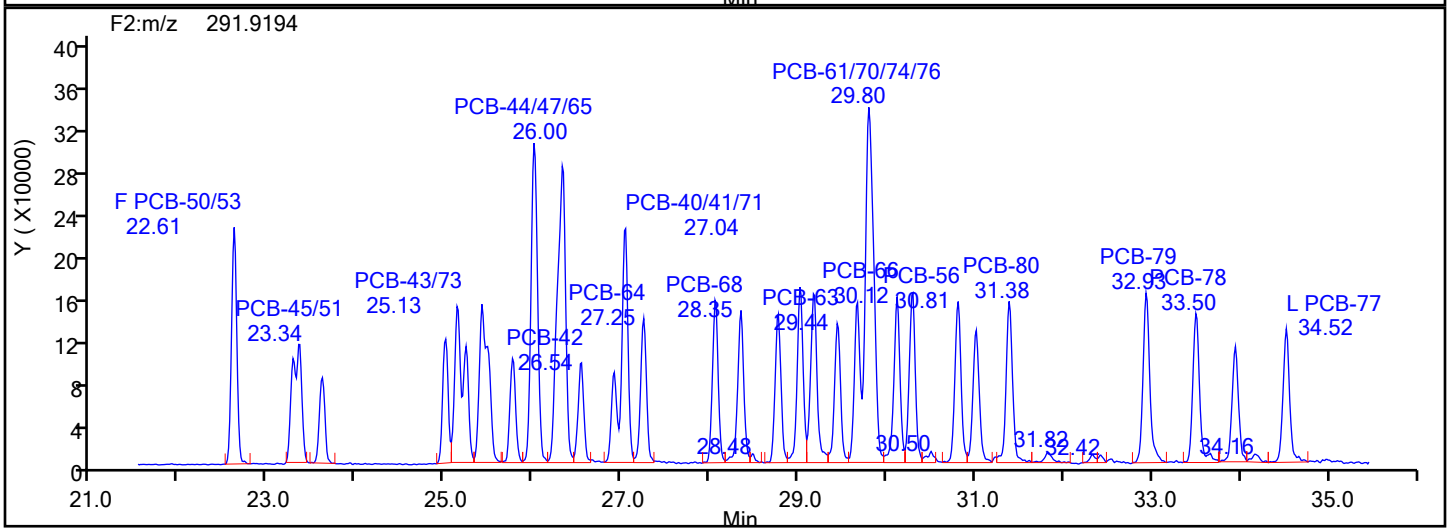
Report Date: 08-Oct-2021 19:10:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

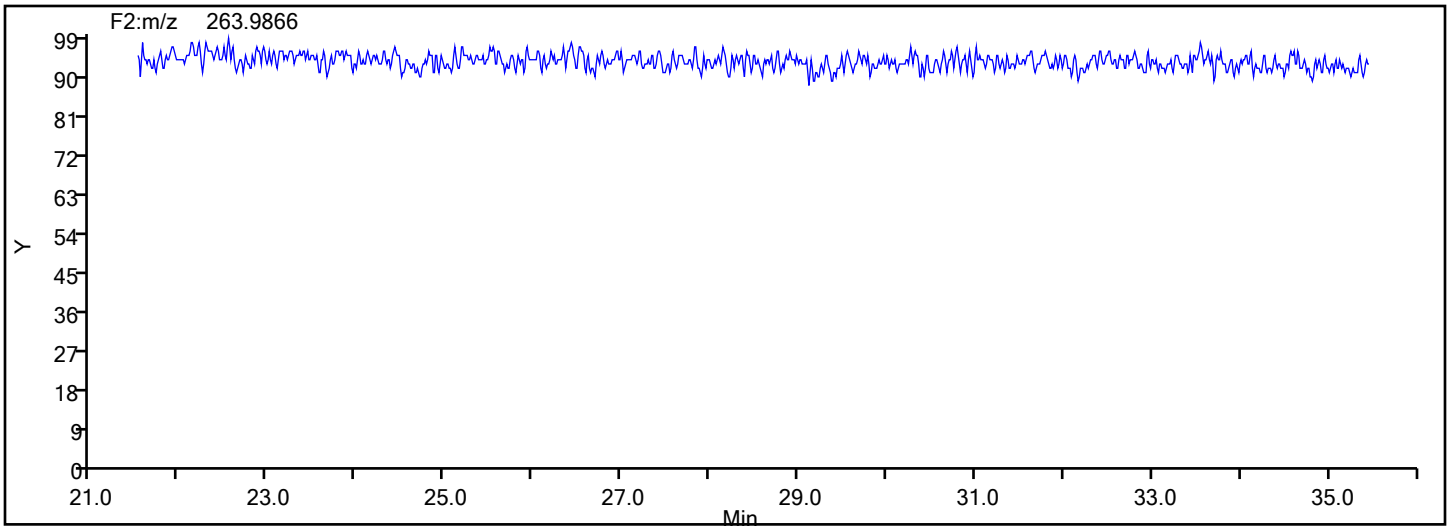
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

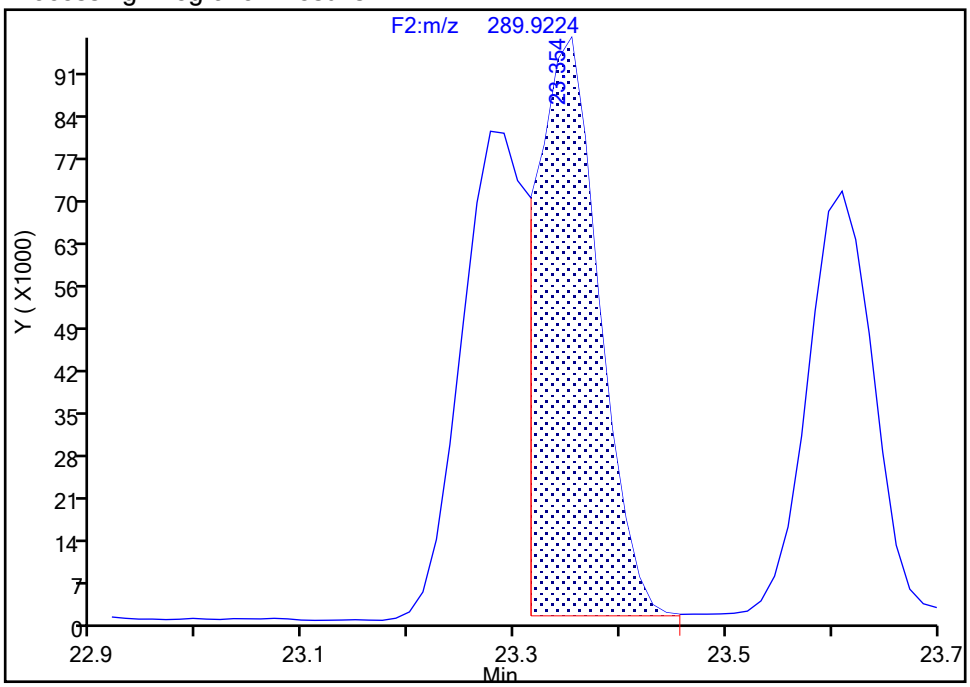
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 1

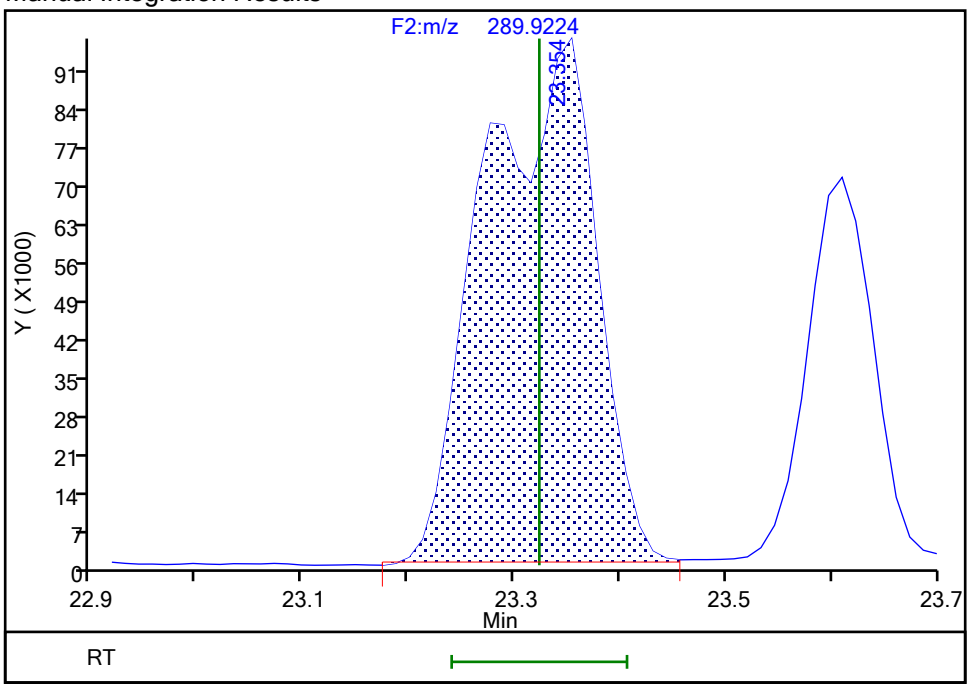
Processing Integration Results

RT: 23.35
Area: 373879
Amount: 6.170972
Amount Units: pg/ul



Manual Integration Results

RT: 23.35
Area: 704781
Amount: 9.594673
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:07:39

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

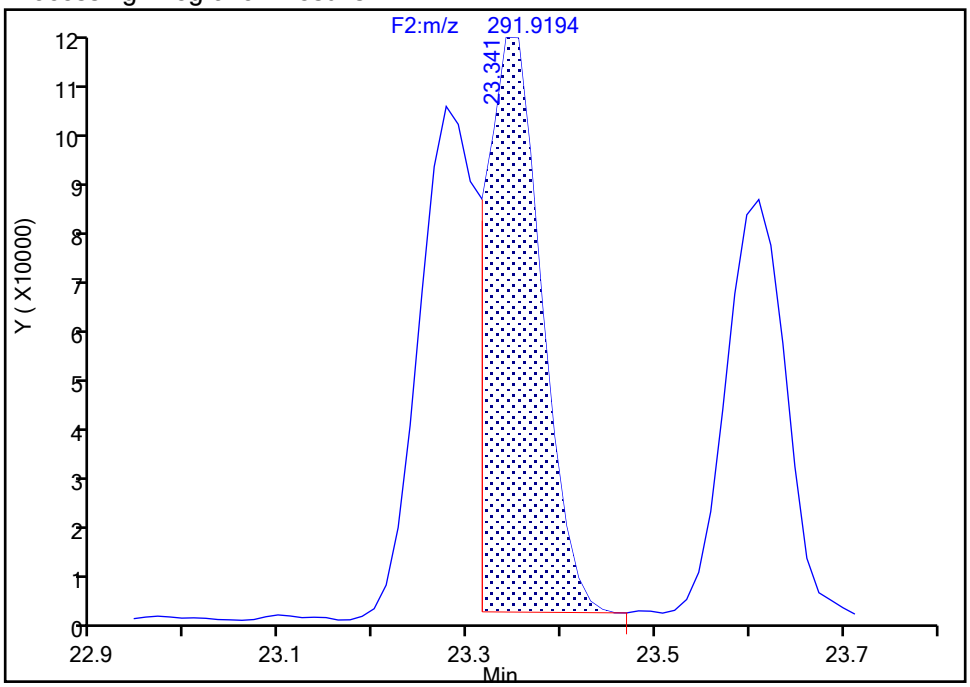
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-45/51, CAS: STL01804

Signal: 2

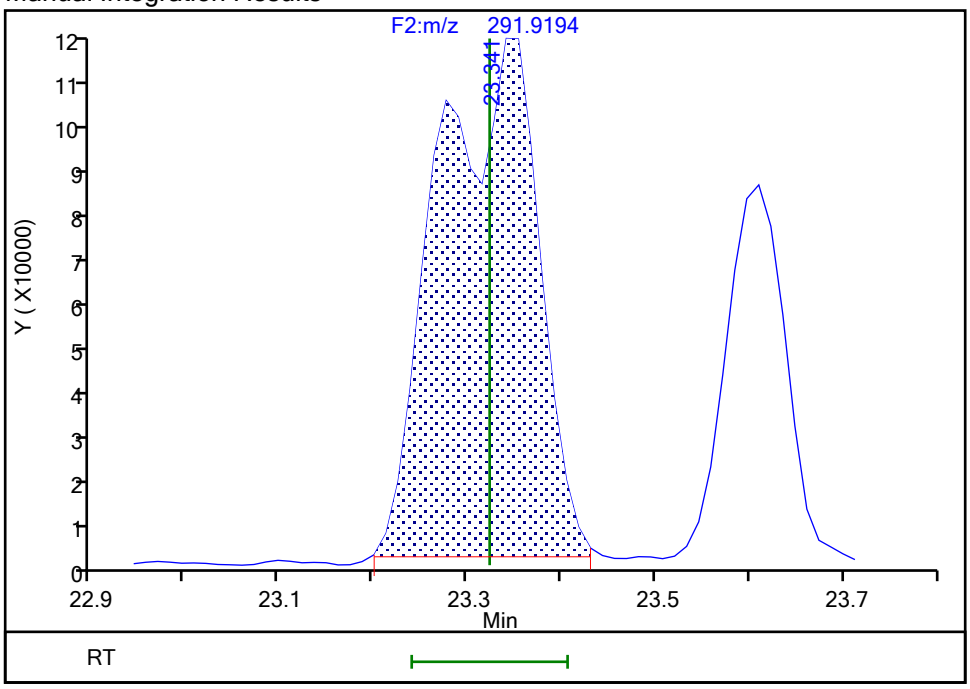
Processing Integration Results

RT: 23.34
Area: 436106
Amount: 6.170972
Amount Units: pg/ul



Manual Integration Results

RT: 23.34
Area: 835043
Amount: 9.594673
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:07:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

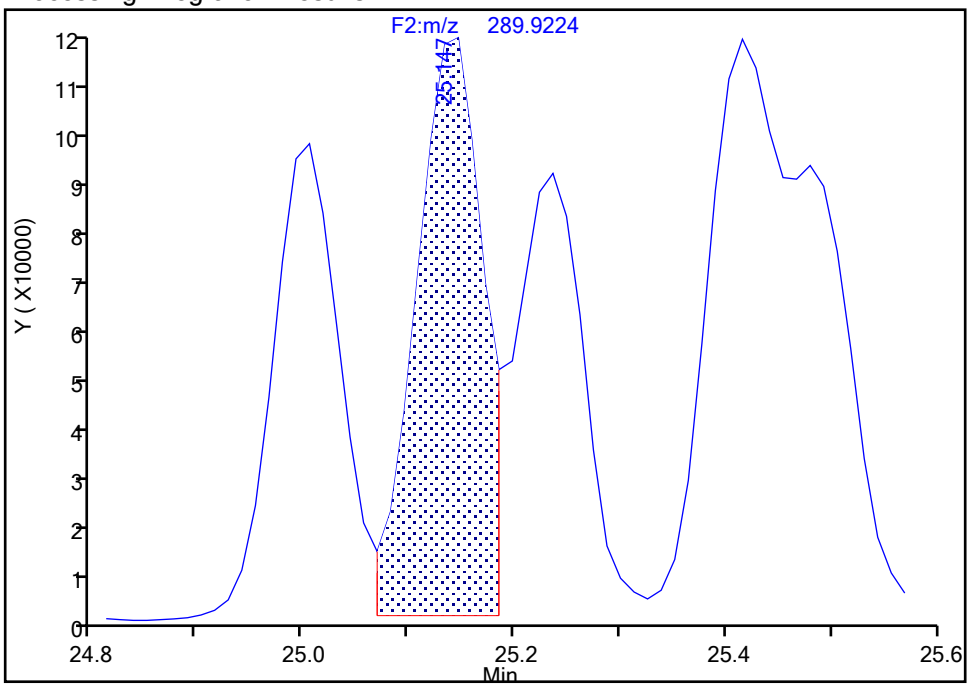
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-43/73, CAS: STL02293

Signal: 1

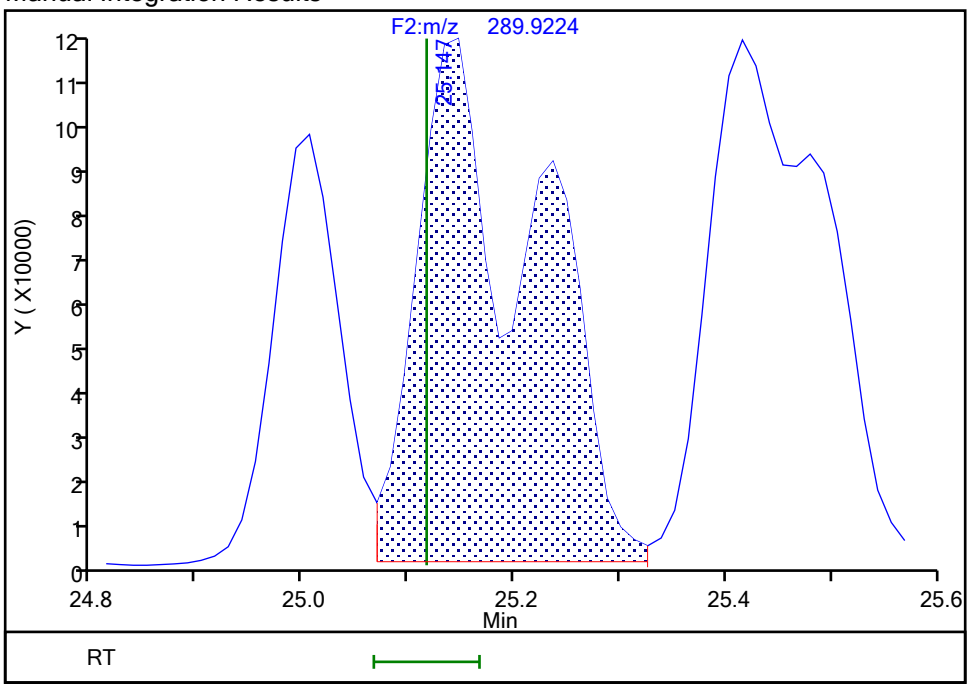
Processing Integration Results

RT: 25.15
Area: 491749
Amount: 6.738583
Amount Units: pg/ul



Manual Integration Results

RT: 25.15
Area: 886817
Amount: 9.903415
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:08:03

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

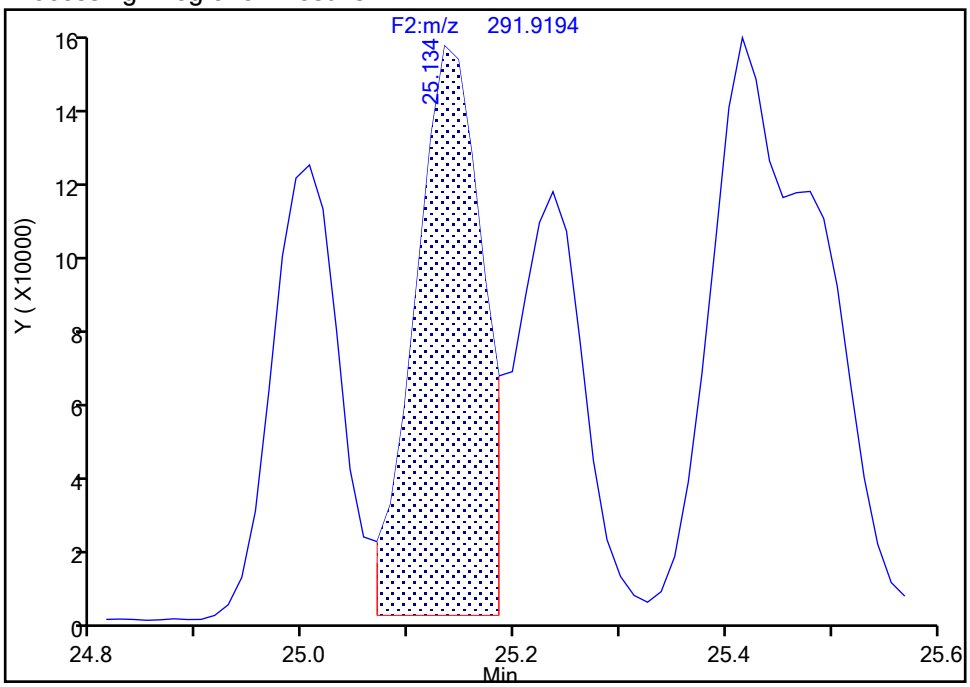
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 2

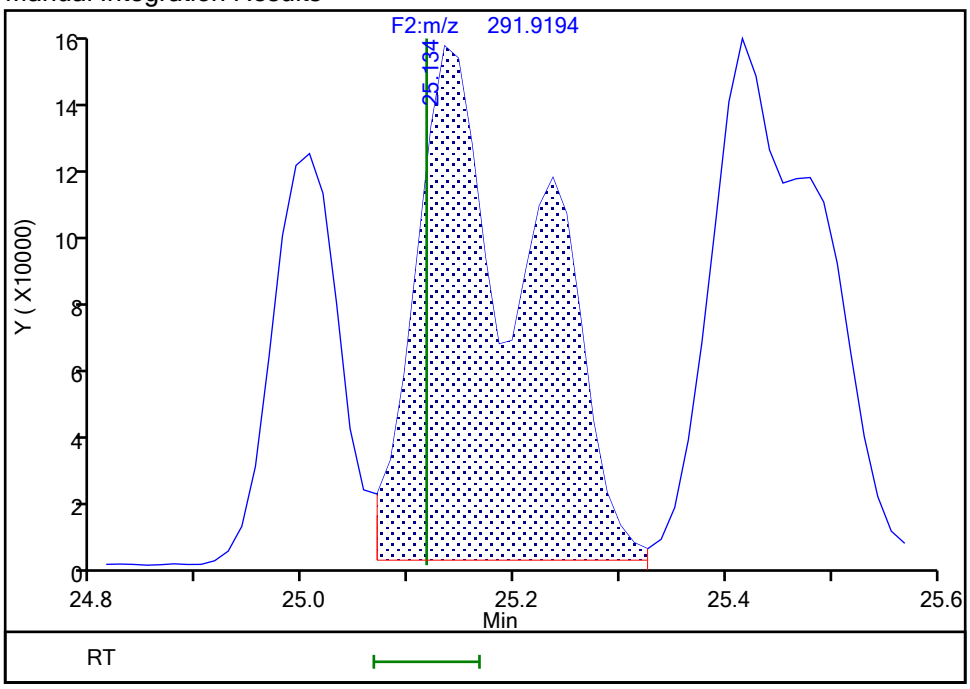
Processing Integration Results

RT: 25.13
Area: 640849
Amount: 6.738583
Amount Units: pg/ul



Manual Integration Results

RT: 25.13
Area: 1127115
Amount: 9.903415
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:08:11
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

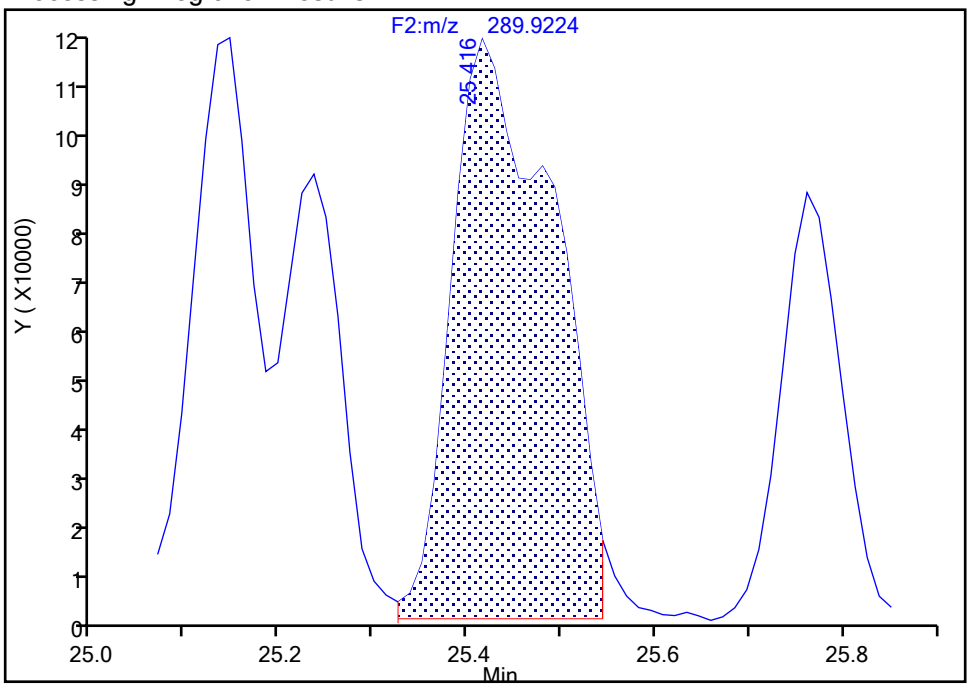
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 1

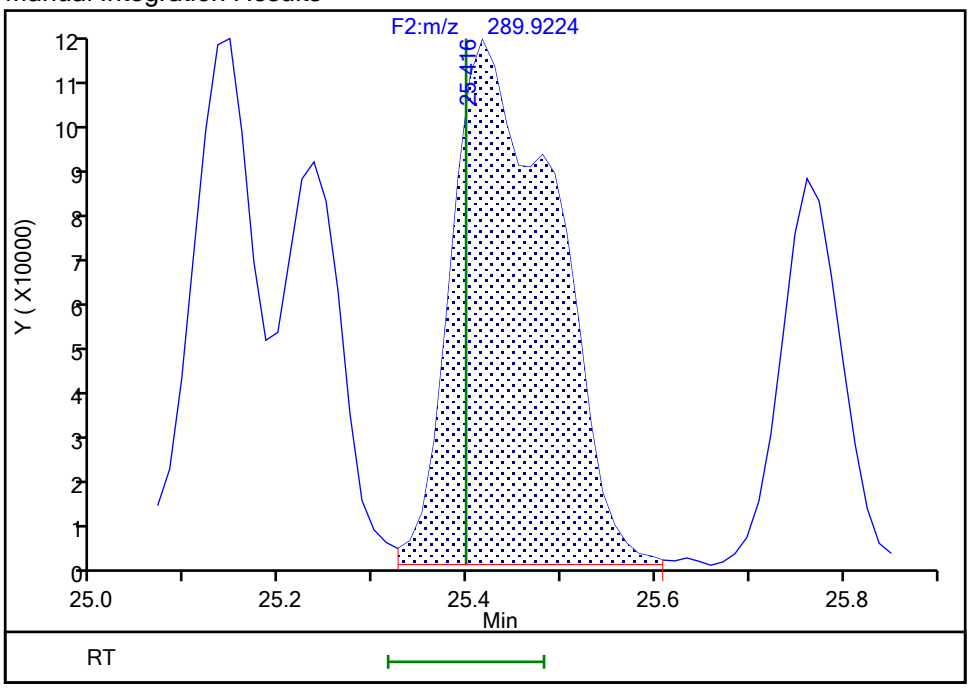
Processing Integration Results

RT: 25.42
Area: 858196
Amount: 9.752719
Amount Units: pg/ul



Manual Integration Results

RT: 25.42
Area: 880094
Amount: 9.631336
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:08:19
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

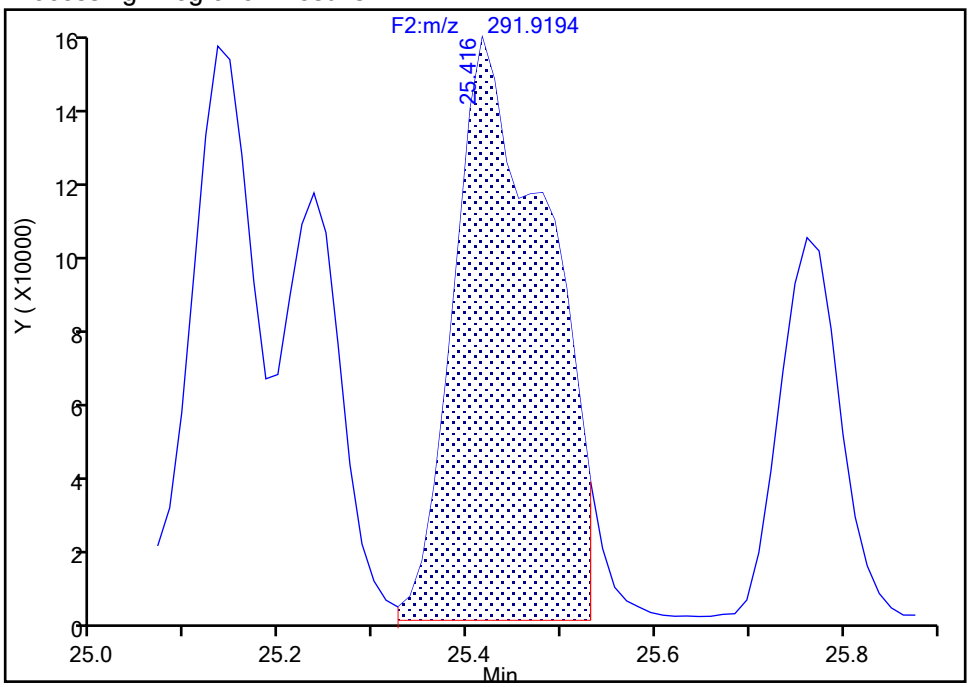
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 2

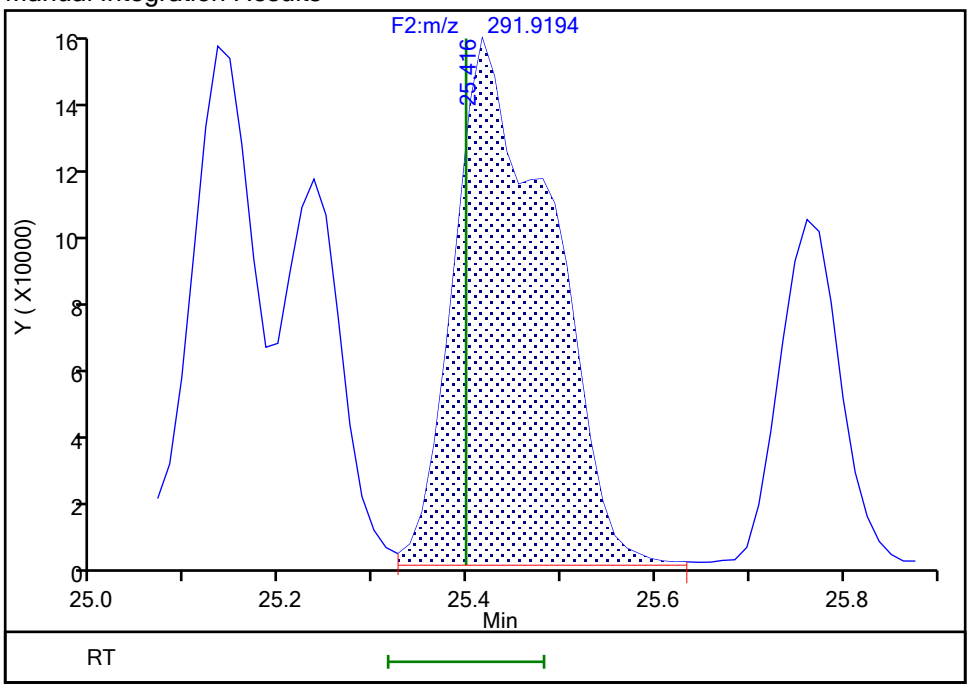
Processing Integration Results

RT: 25.42
Area: 1036544
Amount: 9.752719
Amount Units: pg/ul



Manual Integration Results

RT: 25.42
Area: 1078209
Amount: 9.631336
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:08:26
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

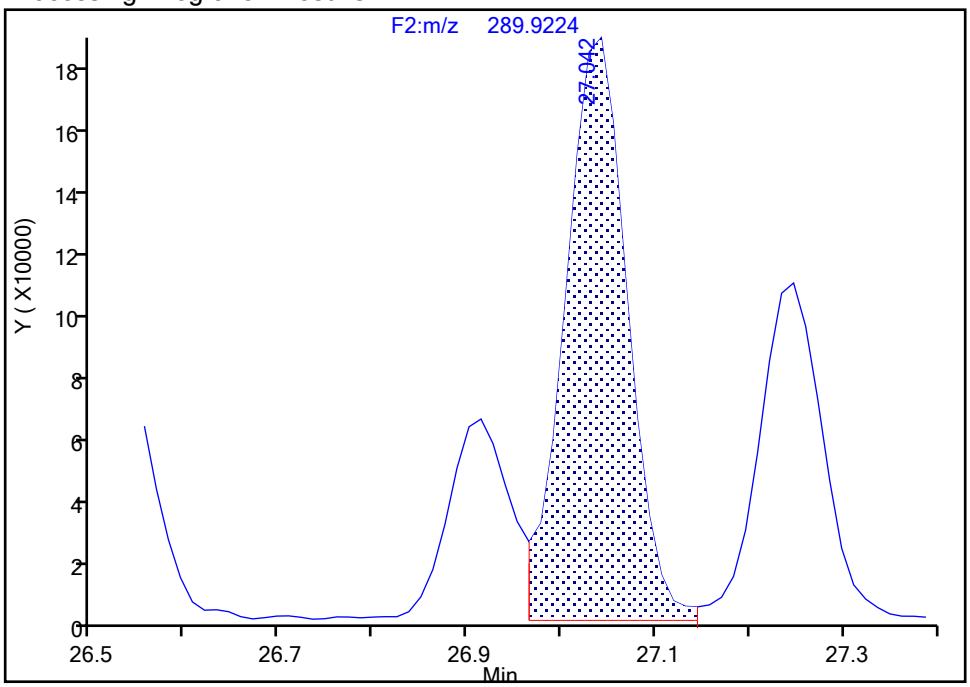
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

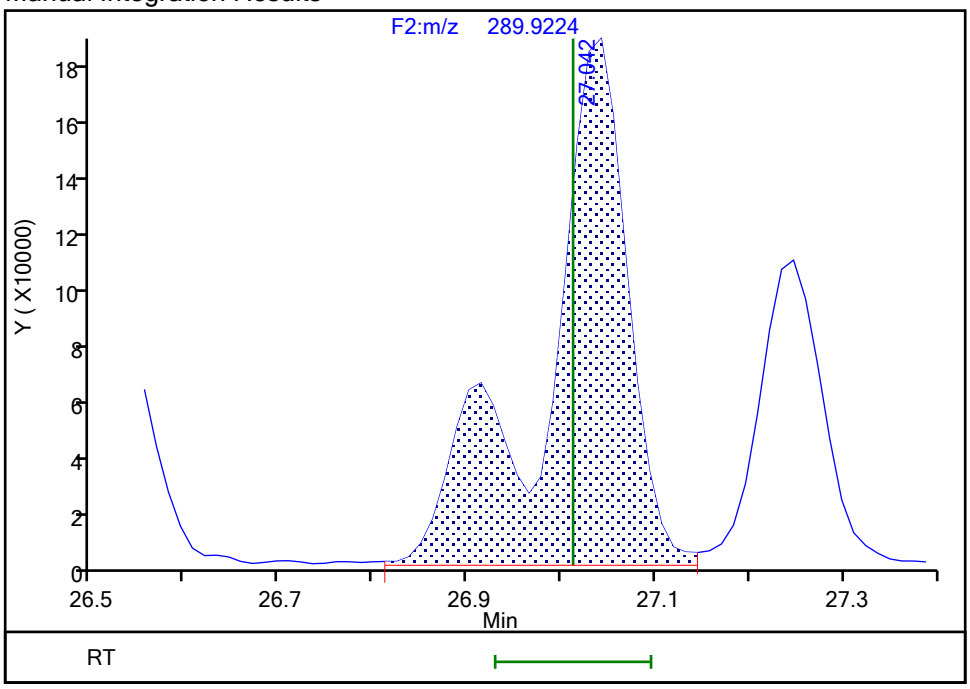
Processing Integration Results

RT: 27.04
Area: 843193
Amount: 11.821458
Amount Units: pg/ul



Manual Integration Results

RT: 27.04
Area: 1132405
Amount: 14.538981
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:08:42

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

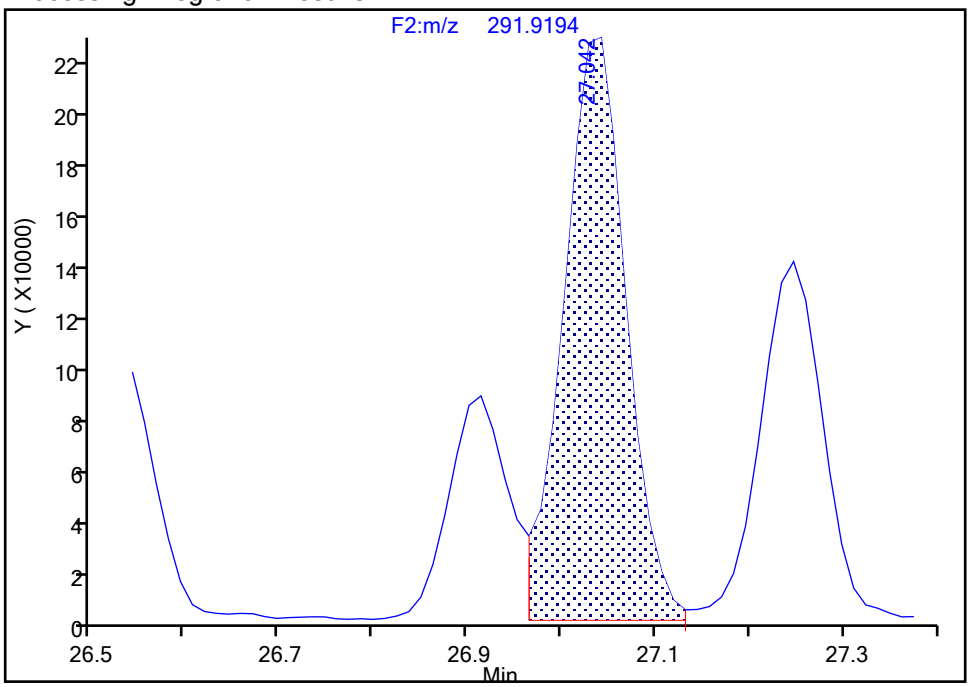
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-40/41/71, CAS: STL02292

Signal: 2

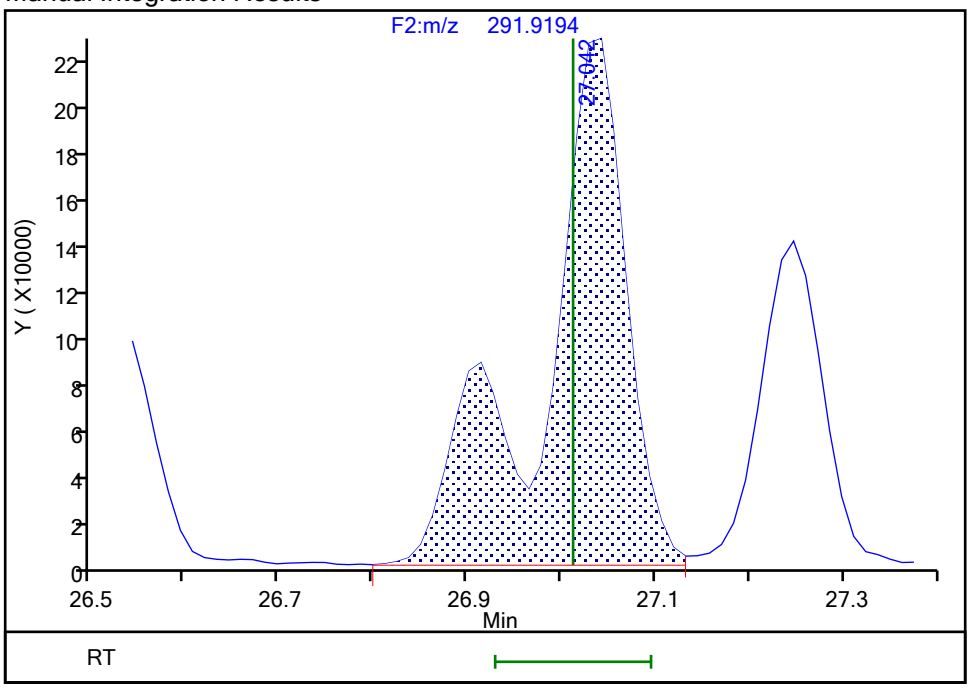
Processing Integration Results

RT: 27.04
Area: 1017837
Amount: 11.821458
Amount Units: pg/ul



Manual Integration Results

RT: 27.04
Area: 1388170
Amount: 14.538981
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:08:55
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

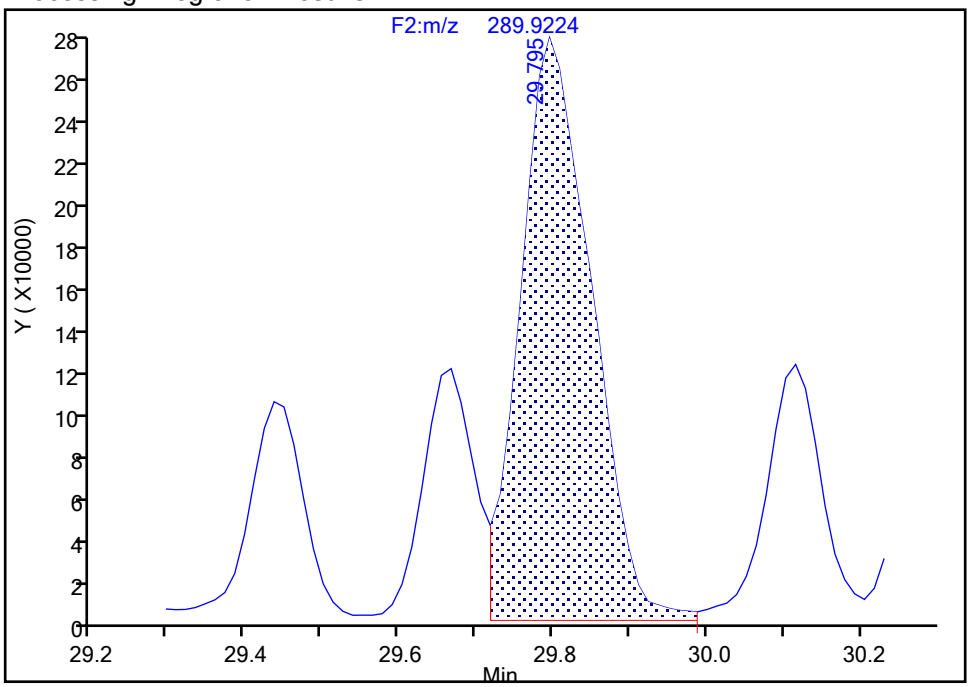
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-61/70/74/76, CAS: STL01808

Signal: 1

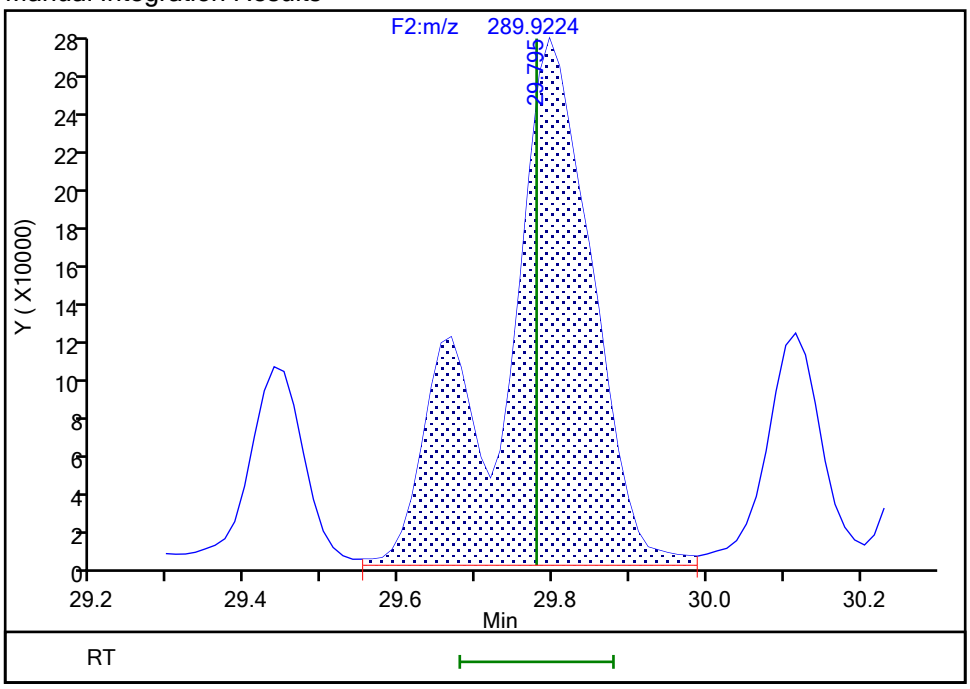
Processing Integration Results

RT: 29.80
Area: 1734731
Amount: 16.178454
Amount Units: pg/ul



Manual Integration Results

RT: 29.80
Area: 2294510
Amount: 19.682892
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:09:23
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

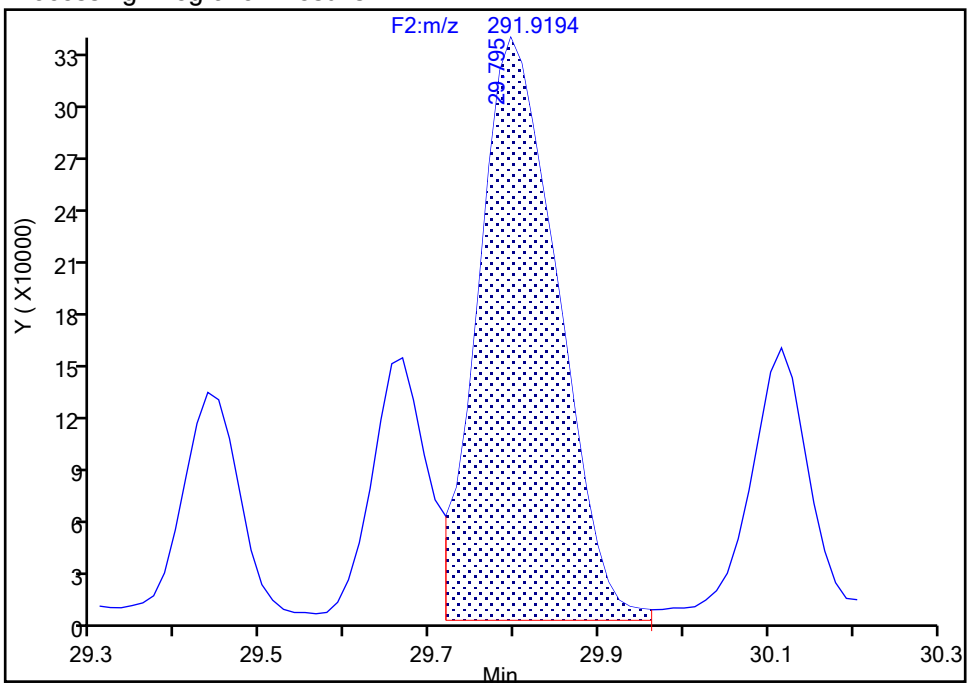
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-61/70/74/76, CAS: STL01808

Signal: 2

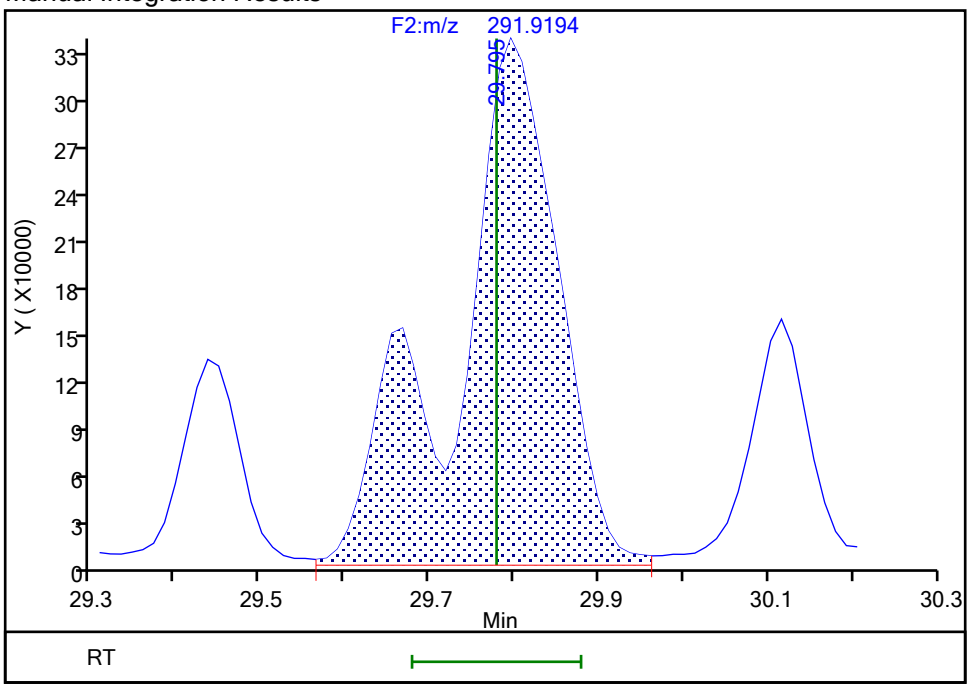
Processing Integration Results

RT: 29.80
Area: 2192167
Amount: 16.178454
Amount Units: pg/ul



Manual Integration Results

RT: 29.80
Area: 2878762
Amount: 19.682892
Amount Units: pg/ul



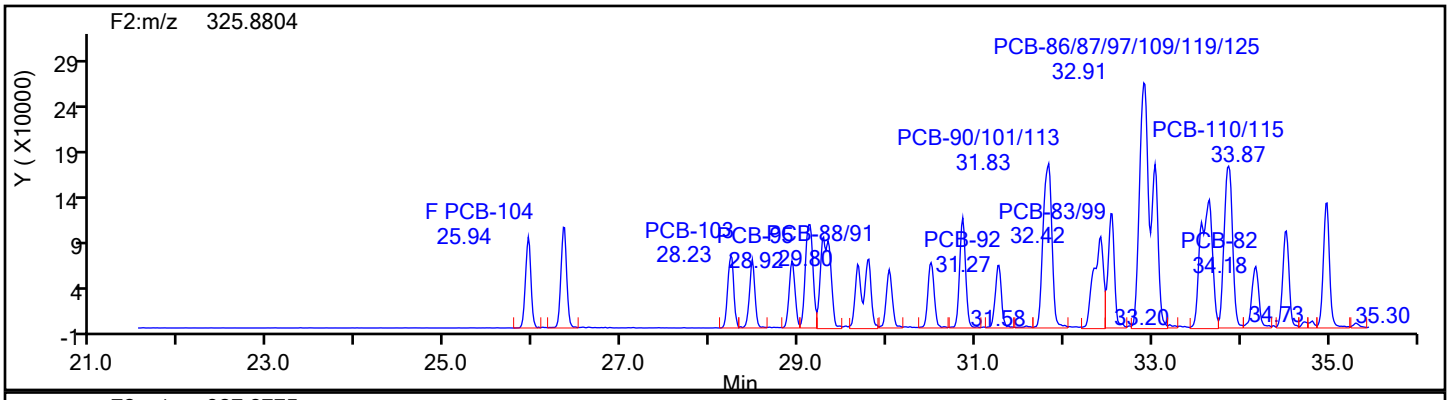
Reviewer: nordquistj, 08-Oct-2021 15:09:34
Audit Action: Manually Integrated Audit Reason: Split Peak

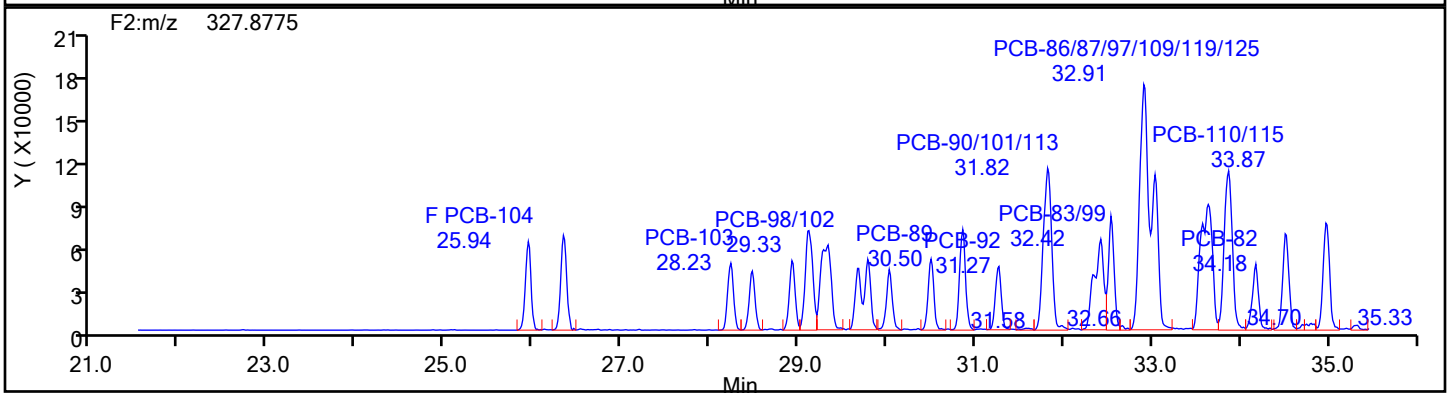
Report Date: 08-Oct-2021 19:10:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

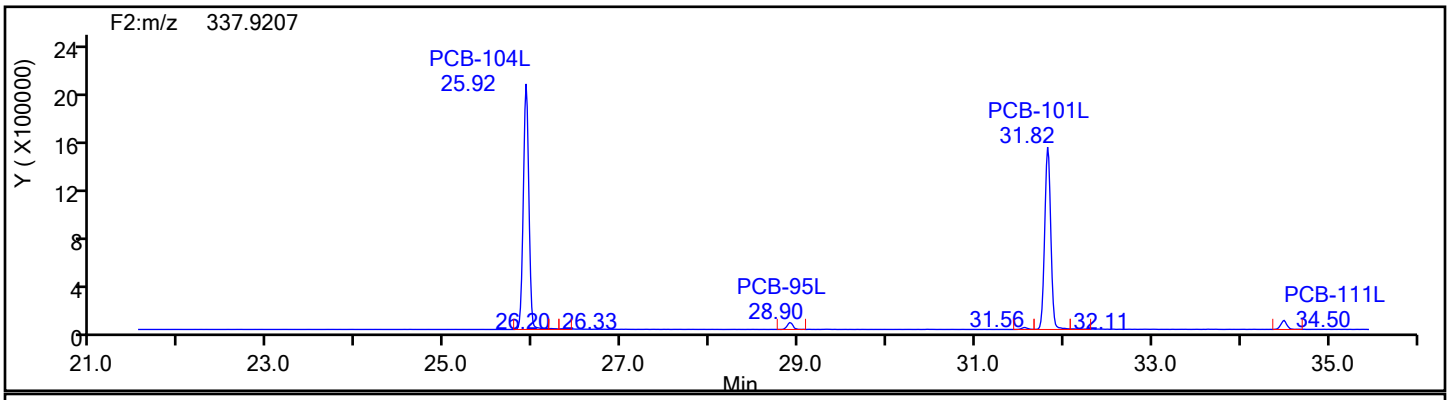
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

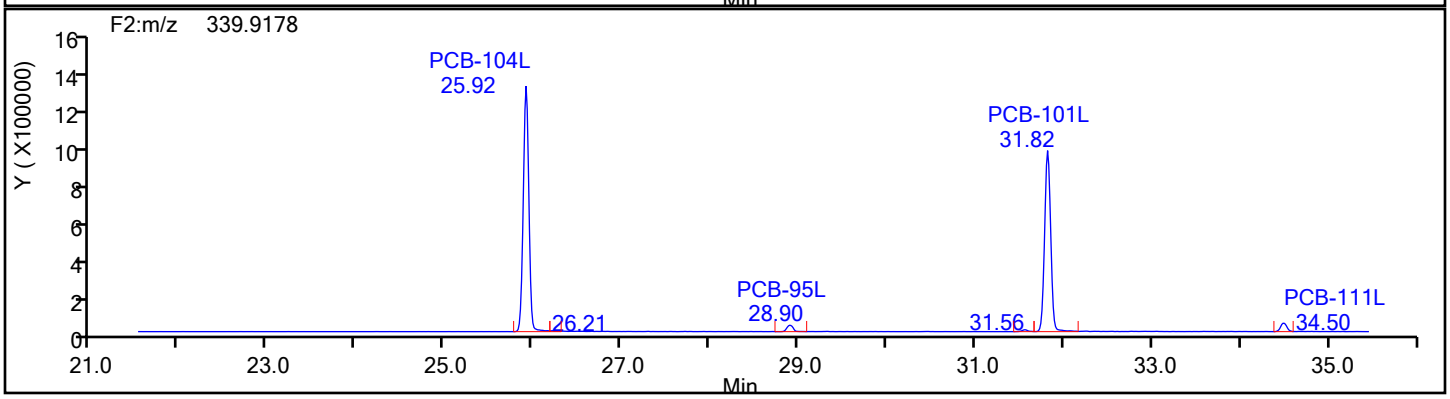
PePCB F2





PePCB F2 Standards



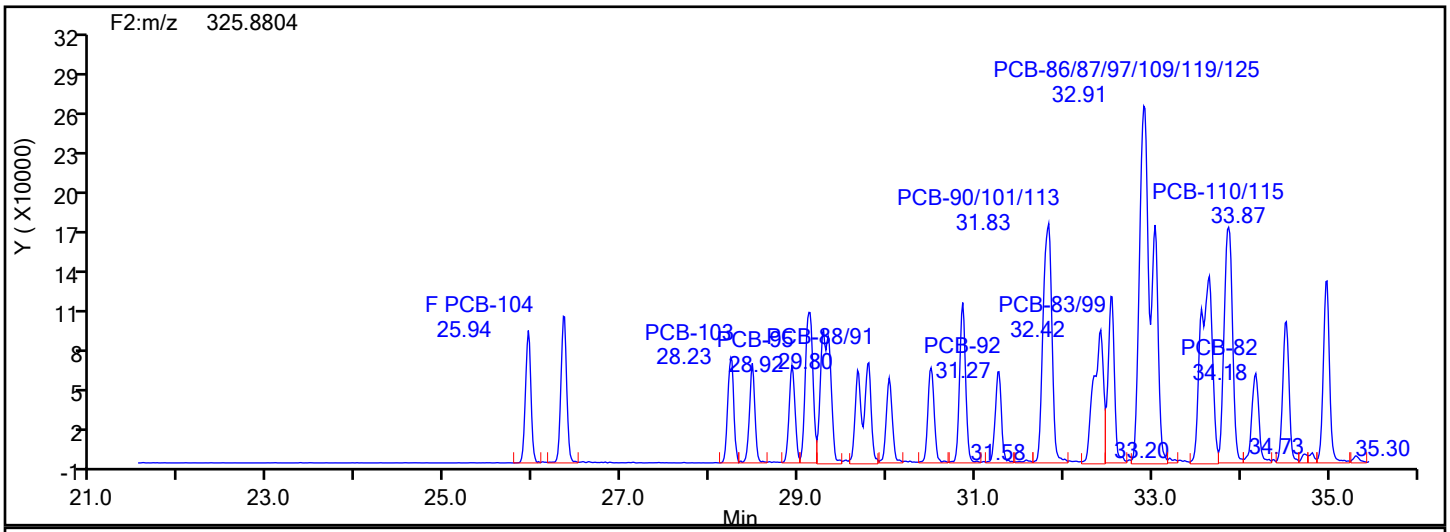


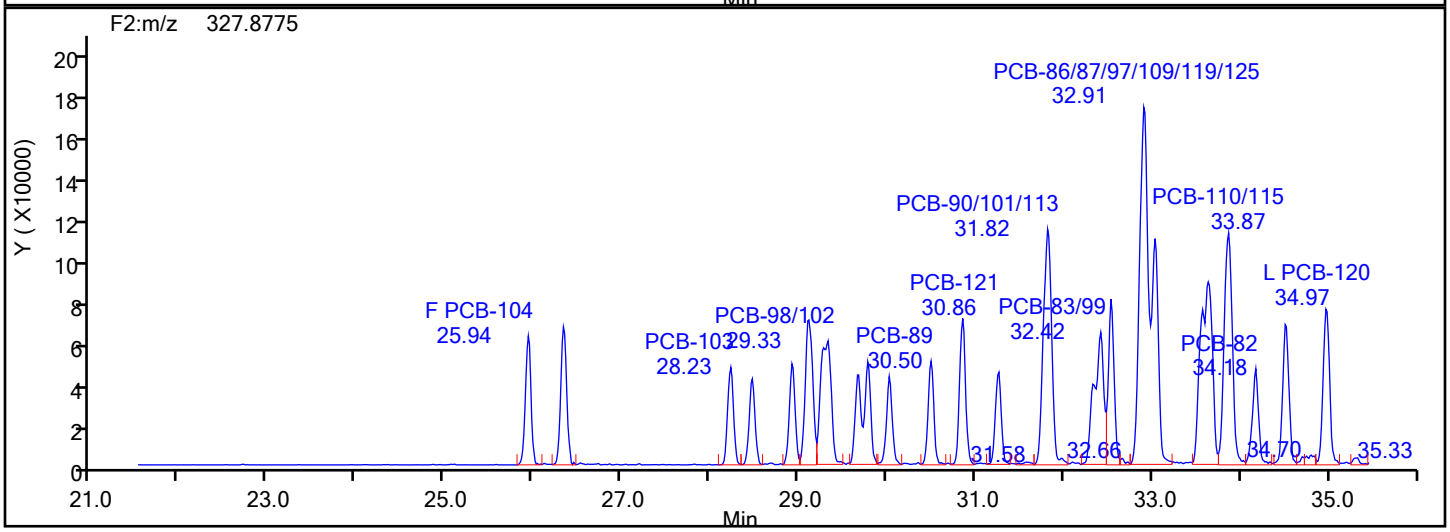
Report Date: 08-Oct-2021 19:10:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

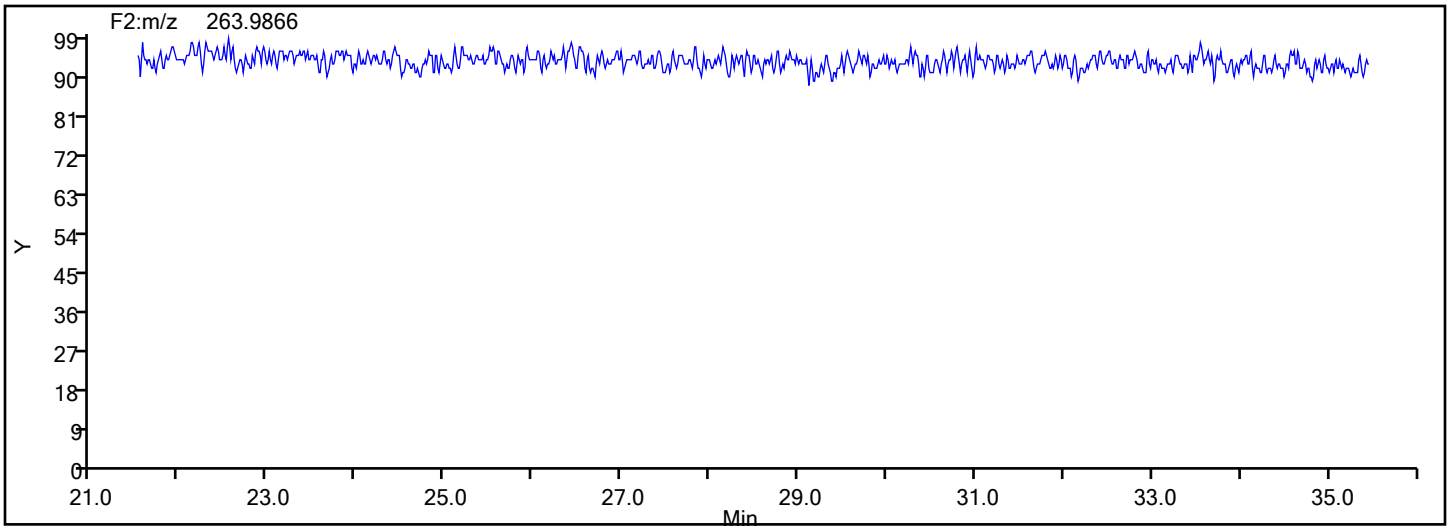
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

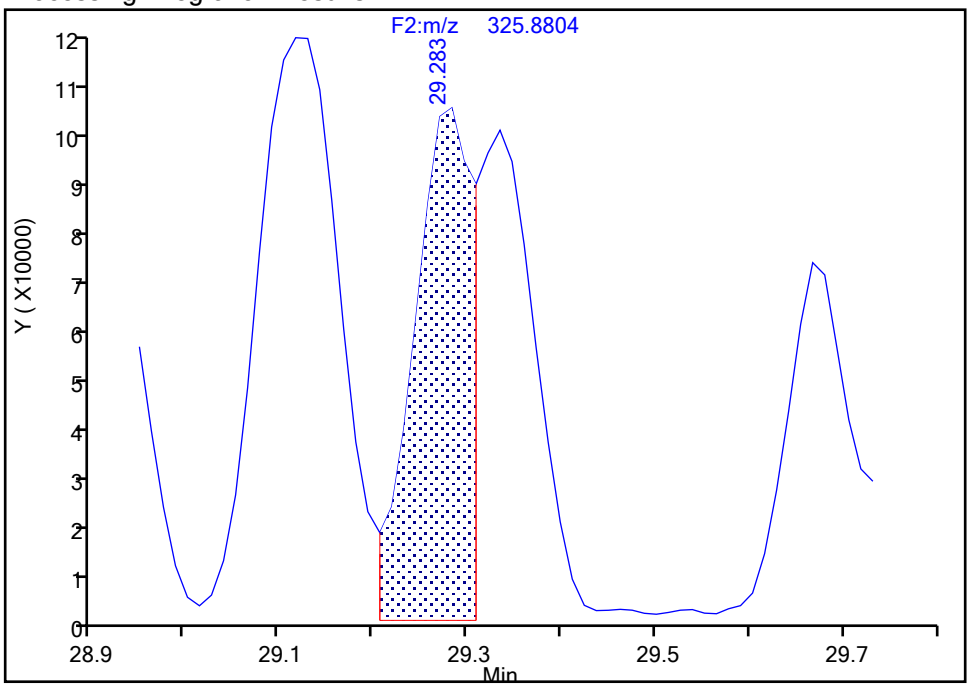
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 1

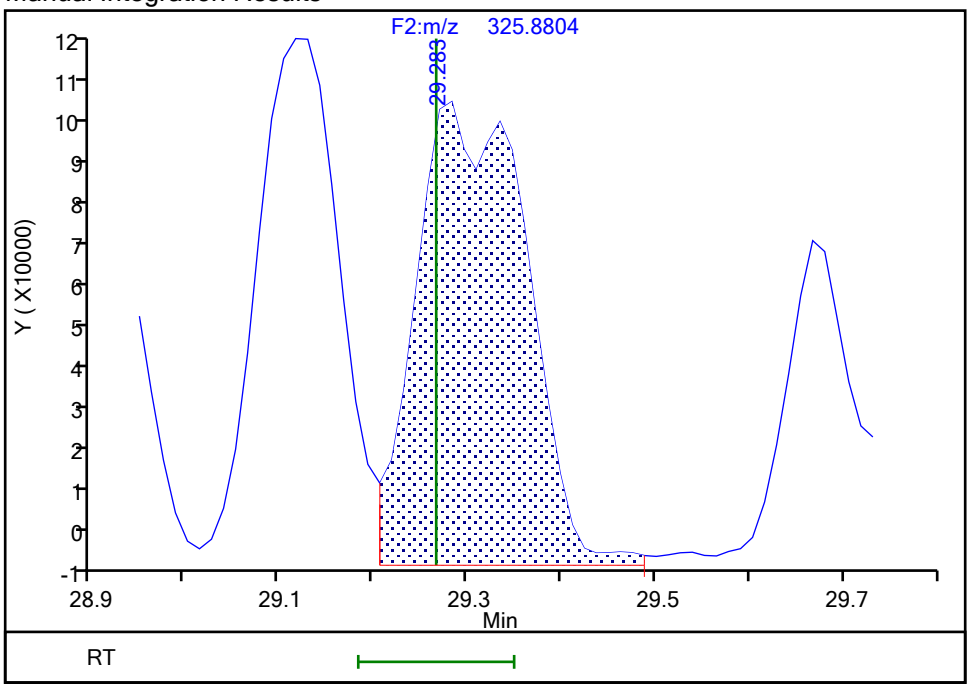
Processing Integration Results

RT: 29.28
Area: 405736
Amount: 5.898123
Amount Units: pg/ul



Manual Integration Results

RT: 29.28
Area: 808466
Amount: 9.584212
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:10:11
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

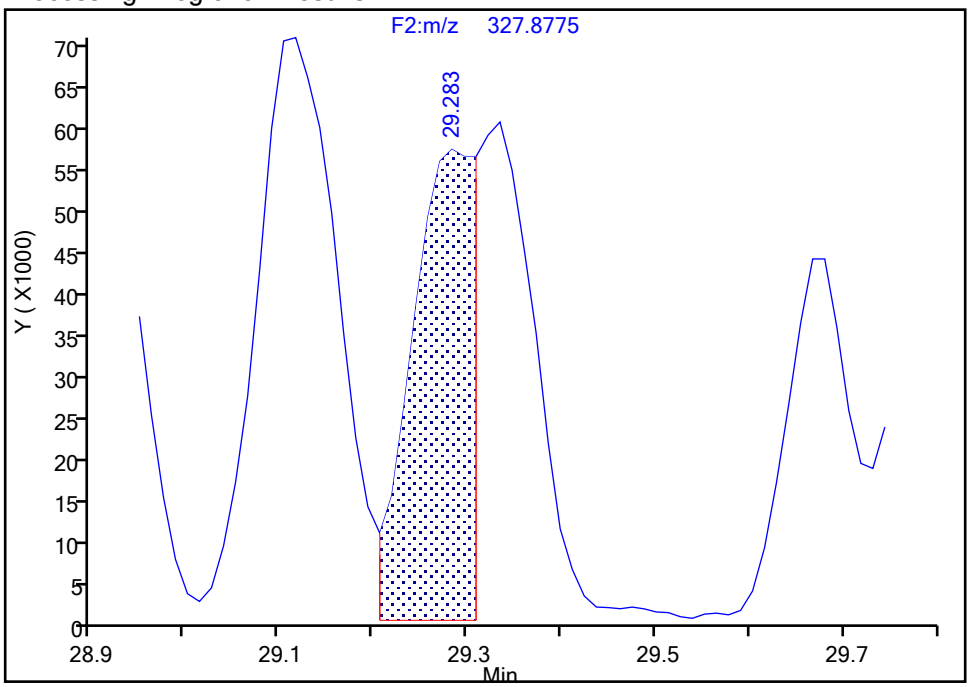
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 2

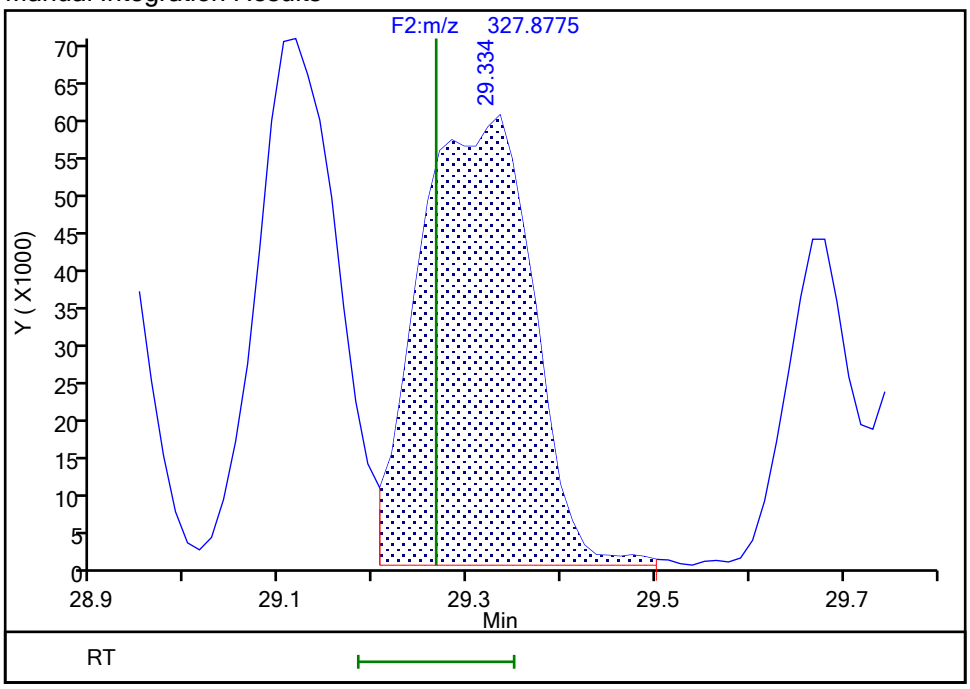
Processing Integration Results

RT: 29.28
Area: 253004
Amount: 5.898123
Amount Units: pg/ul



Manual Integration Results

RT: 29.33
Area: 502882
Amount: 9.584212
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:10:17
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

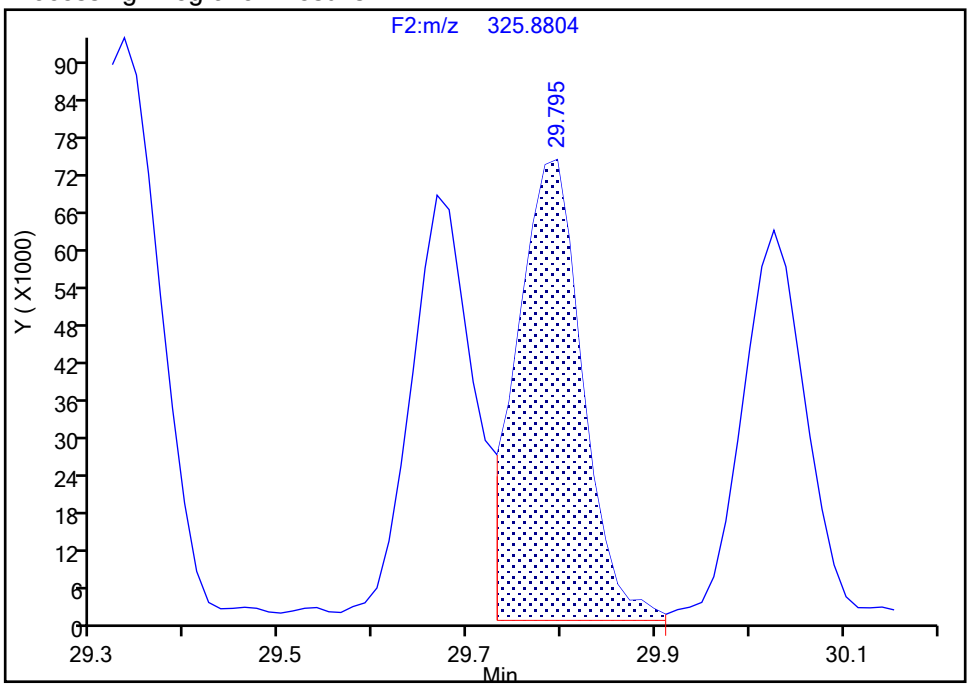
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-88/91, CAS: STL01812

Signal: 1

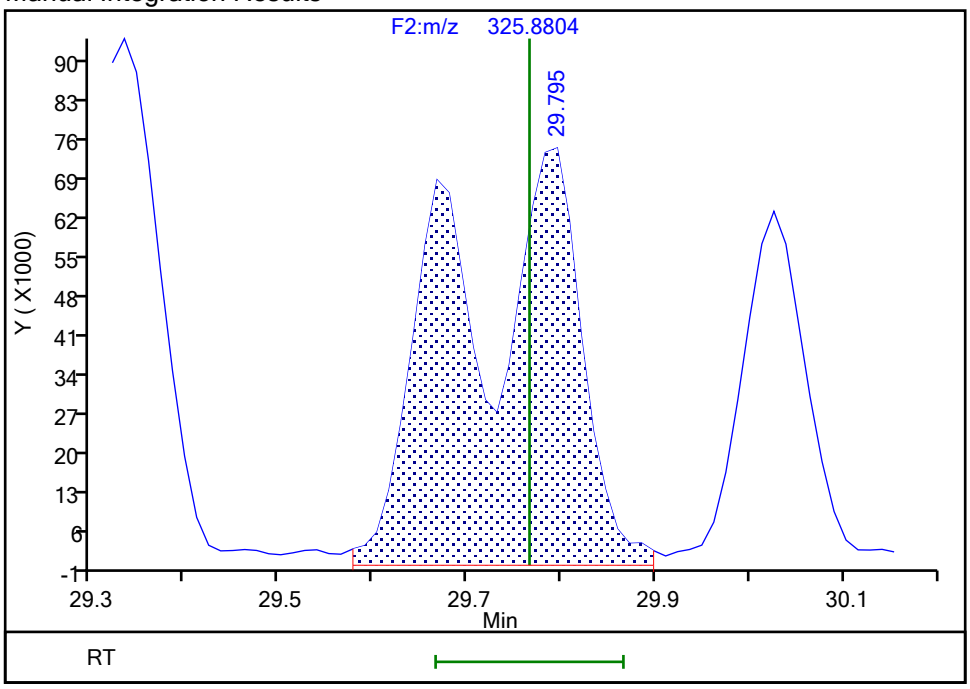
Processing Integration Results

RT: 29.80
Area: 355463
Amount: 5.859575
Amount Units: pg/ul



Manual Integration Results

RT: 29.80
Area: 683618
Amount: 9.288959
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:10:25

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

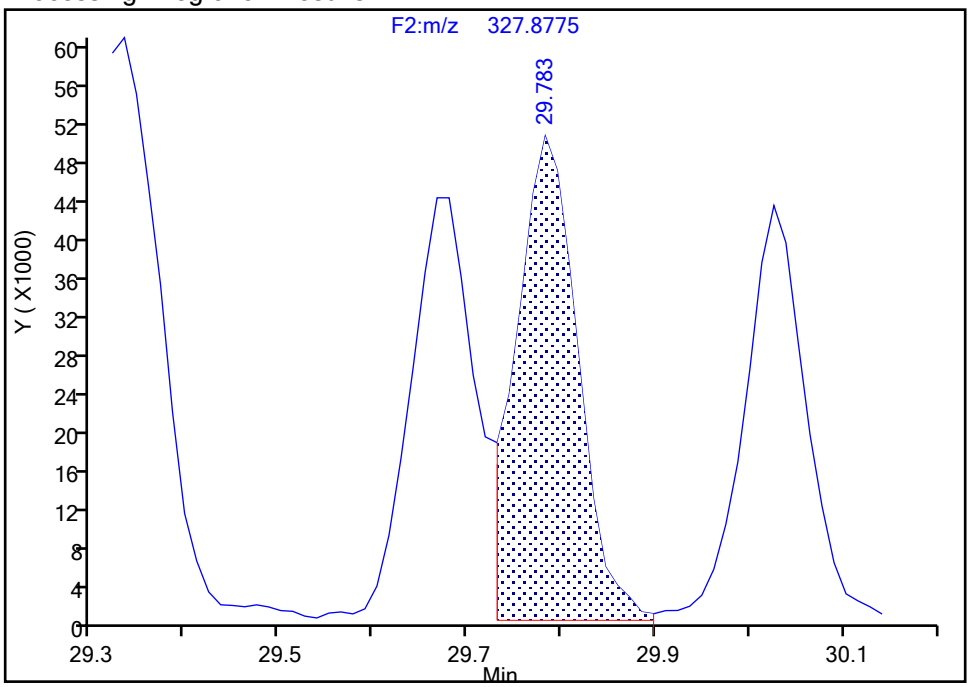
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-88/91, CAS: STL01812

Signal: 2

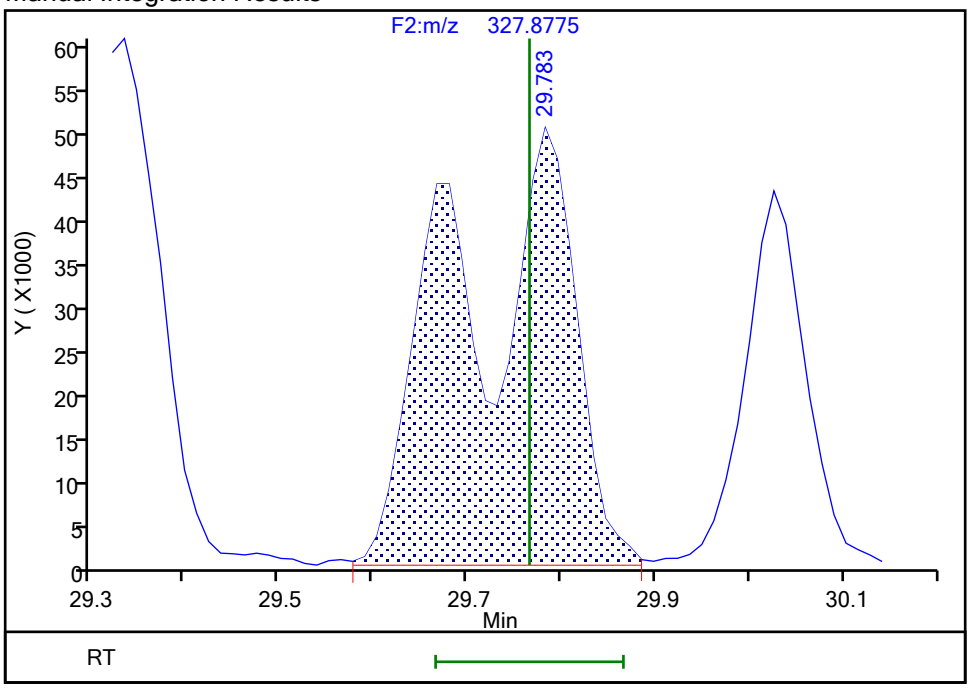
Processing Integration Results

RT: 29.78
Area: 225014
Amount: 5.859575
Amount Units: pg/ul



Manual Integration Results

RT: 29.78
Area: 426863
Amount: 9.288959
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:10:29
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

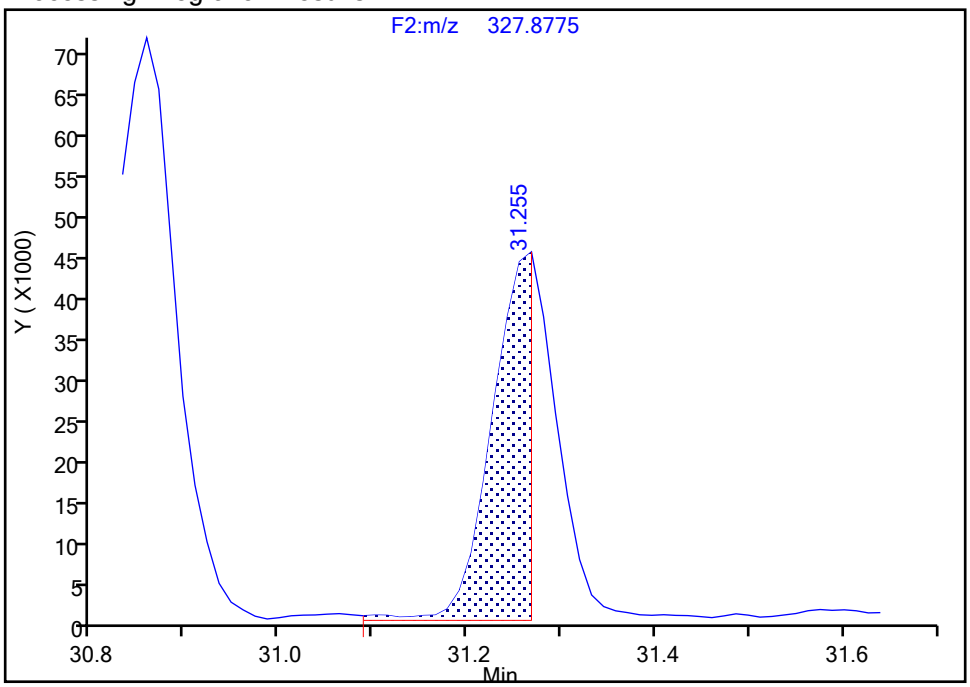
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-92, CAS: 52663-61-3

Signal: 2

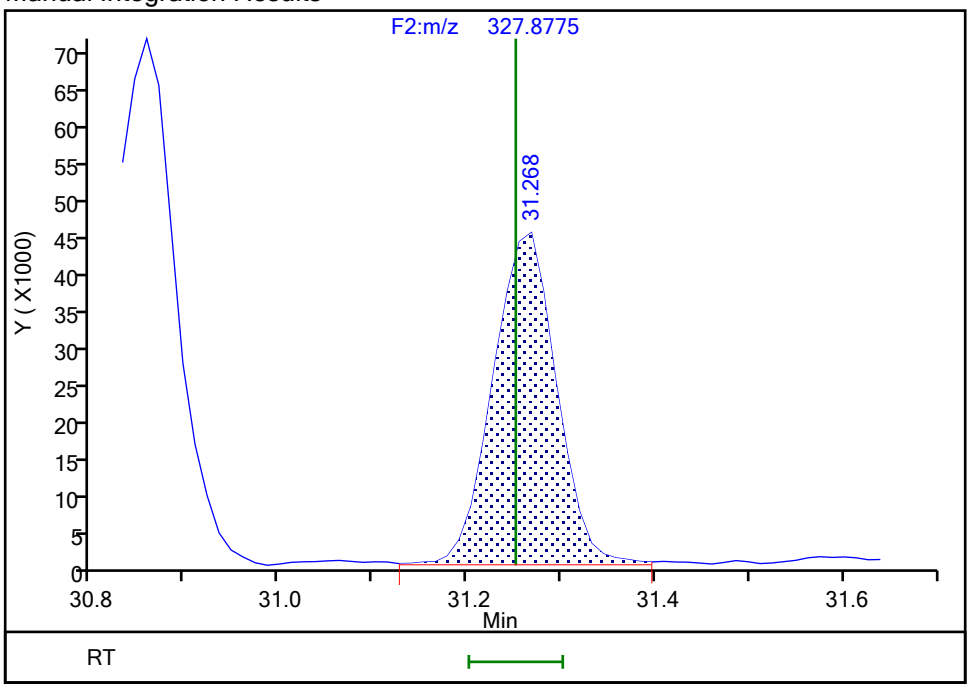
Processing Integration Results

RT: 31.26
Area: 126797
Amount: 4.265731
Amount Units: pg/ul



Manual Integration Results

RT: 31.27
Area: 210362
Amount: 4.685499
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:10:41

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

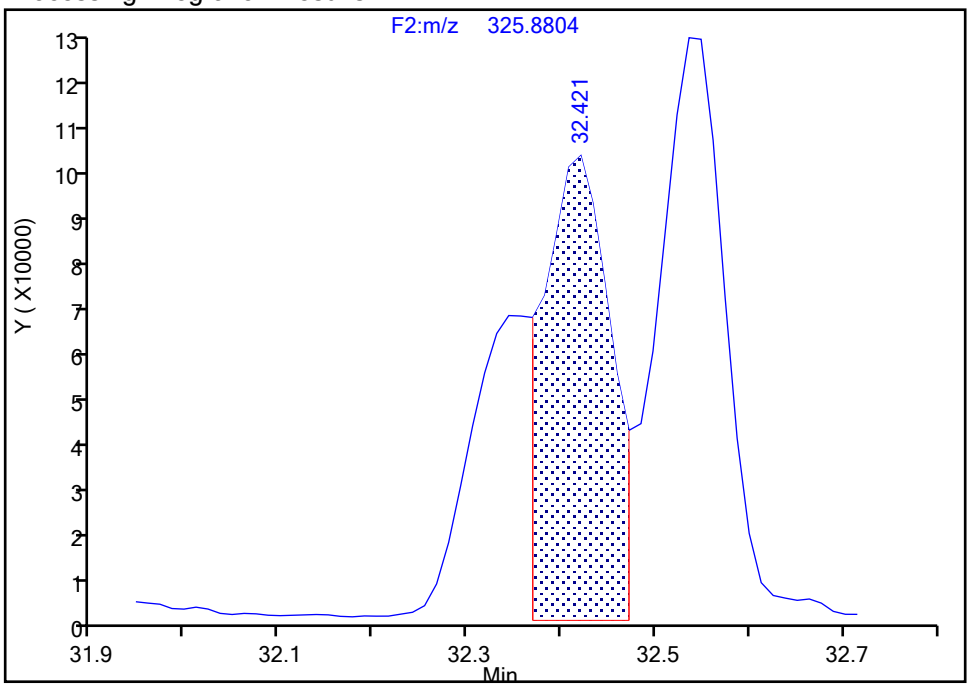
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-83/99, CAS: STL01809

Signal: 1

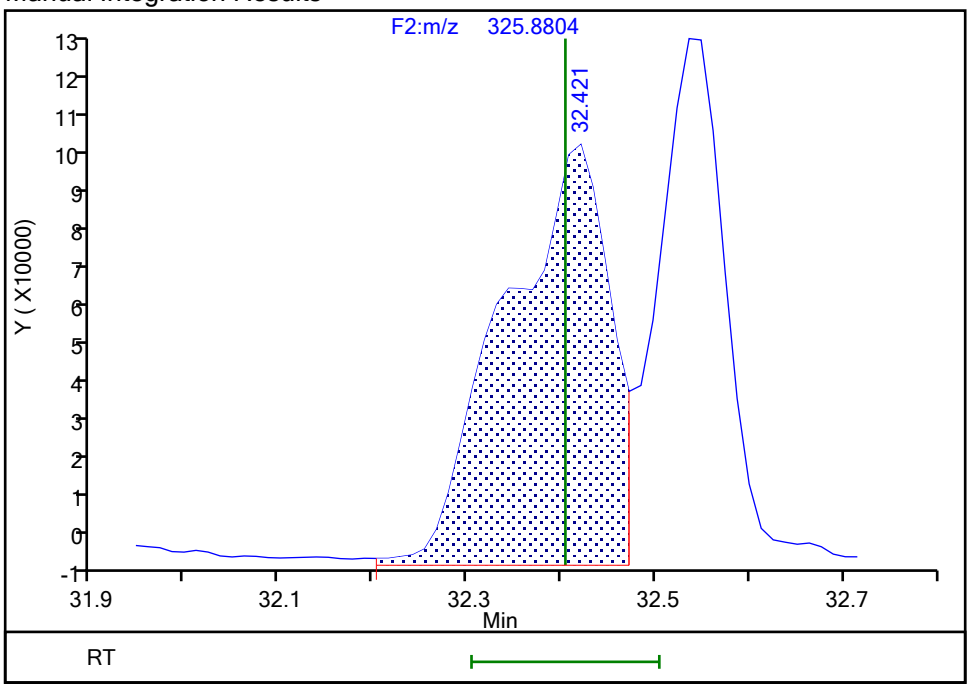
Processing Integration Results

RT: 32.42
Area: 467466
Amount: 6.924594
Amount Units: pg/ul



Manual Integration Results

RT: 32.42
Area: 766931
Amount: 9.534649
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:10:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

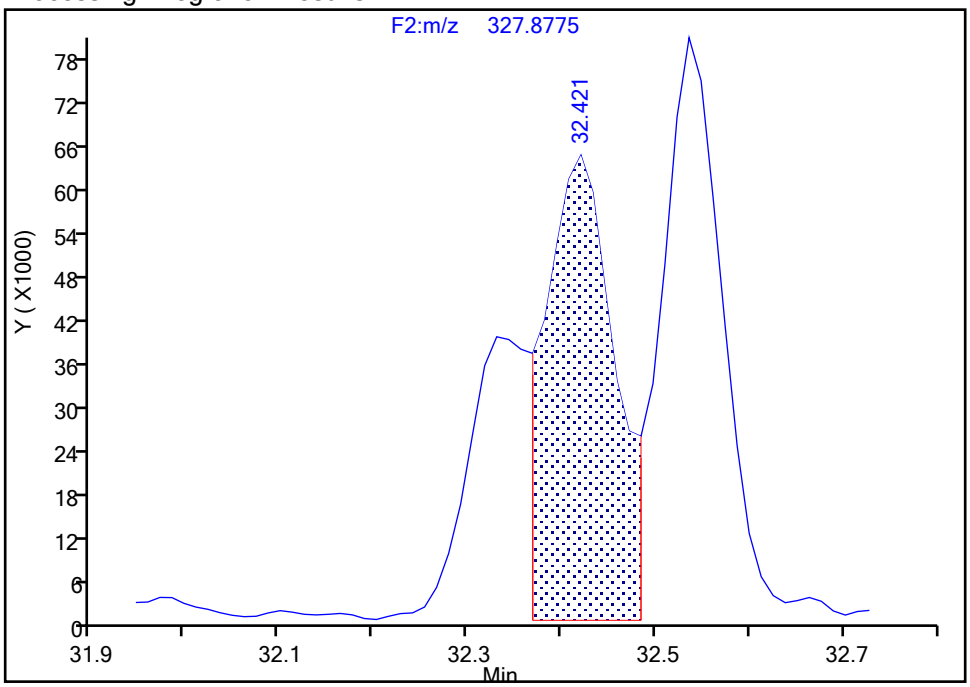
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-83/99, CAS: STL01809

Signal: 2

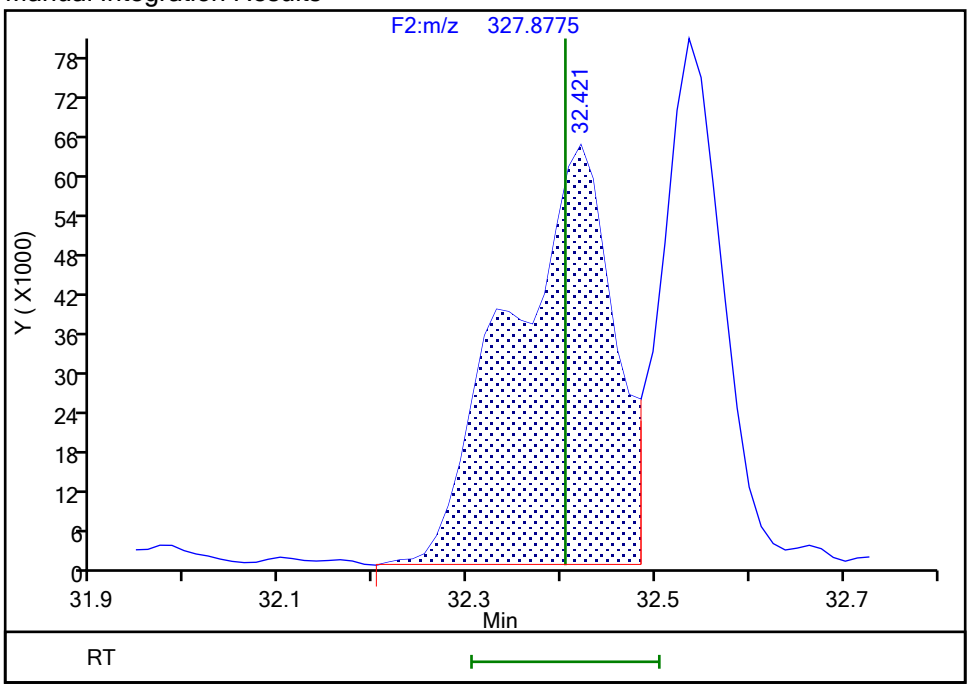
Processing Integration Results

RT: 32.42
Area: 318398
Amount: 6.924594
Amount Units: pg/ul



Manual Integration Results

RT: 32.42
Area: 490566
Amount: 9.534649
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:10:57
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

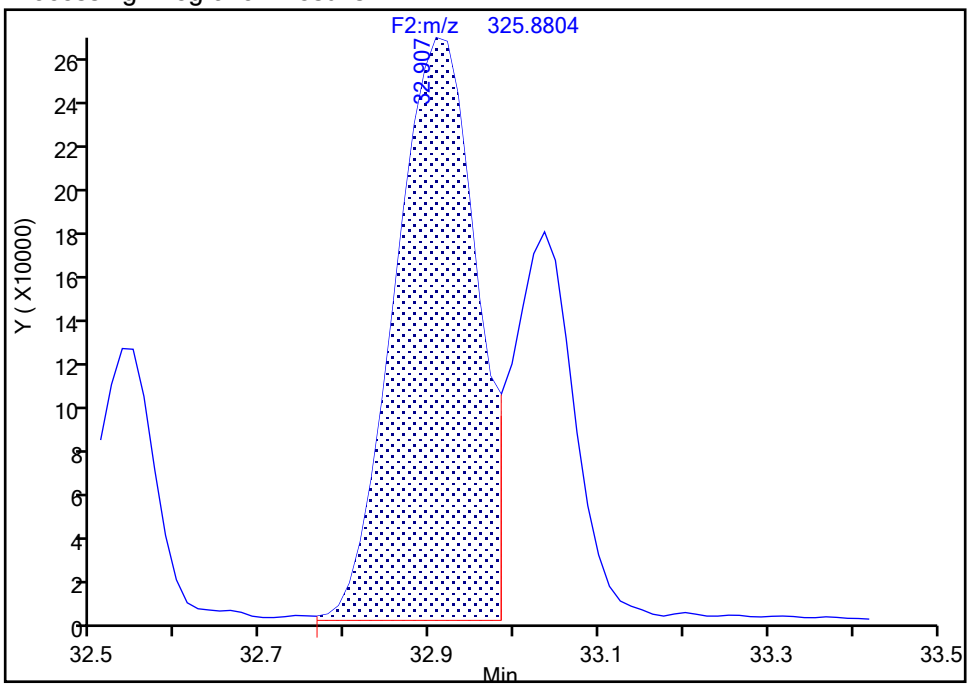
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

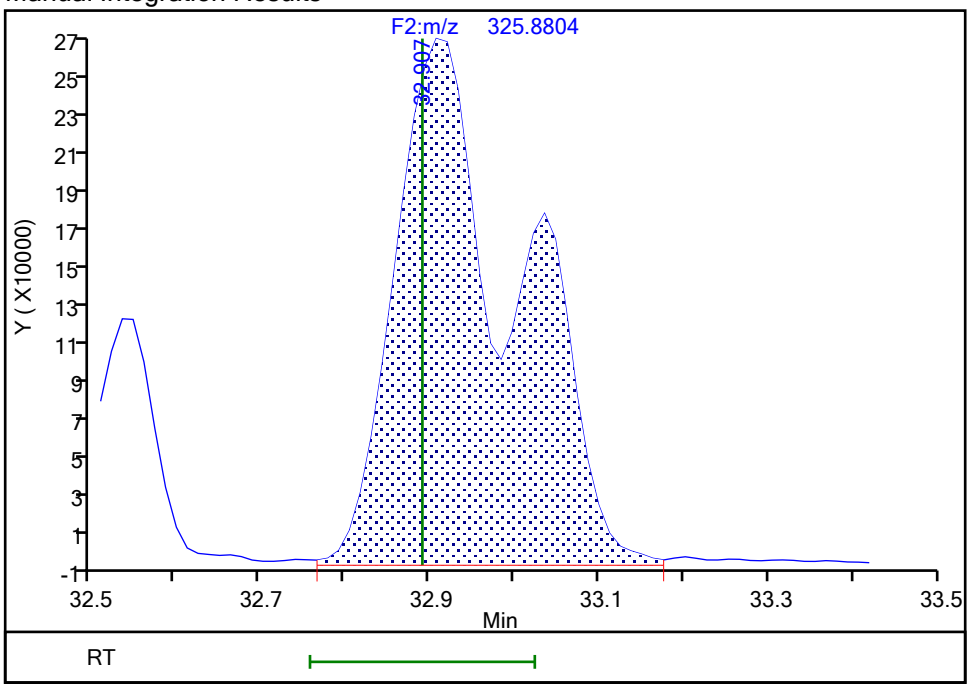
Processing Integration Results

RT: 32.91
Area: 1766386
Amount: 22.212220
Amount Units: pg/ul



Manual Integration Results

RT: 32.91
Area: 2666253
Amount: 28.435369
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:11:57

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

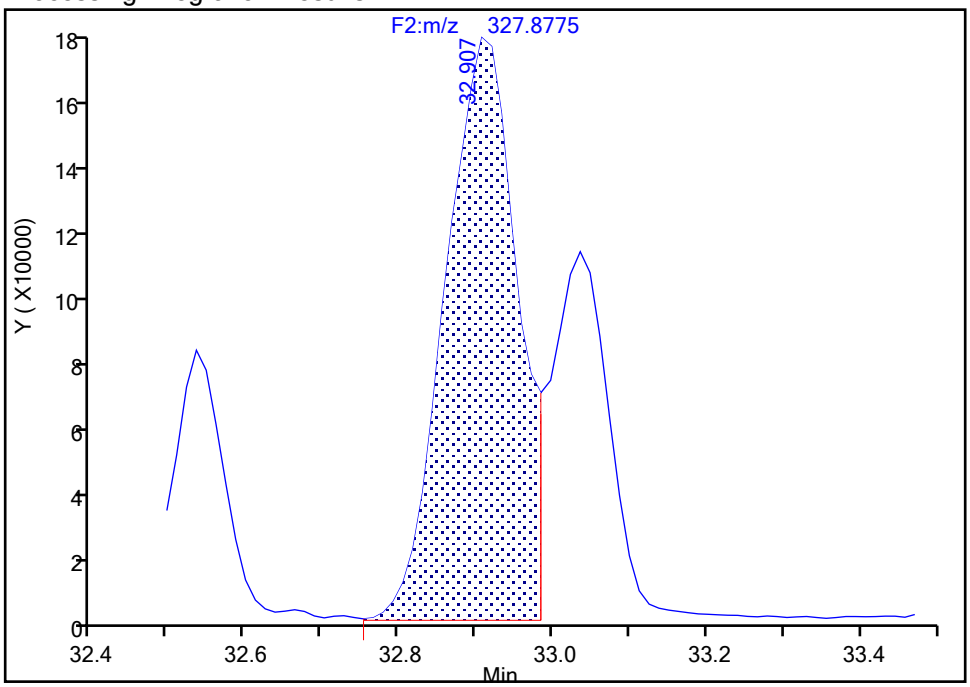
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

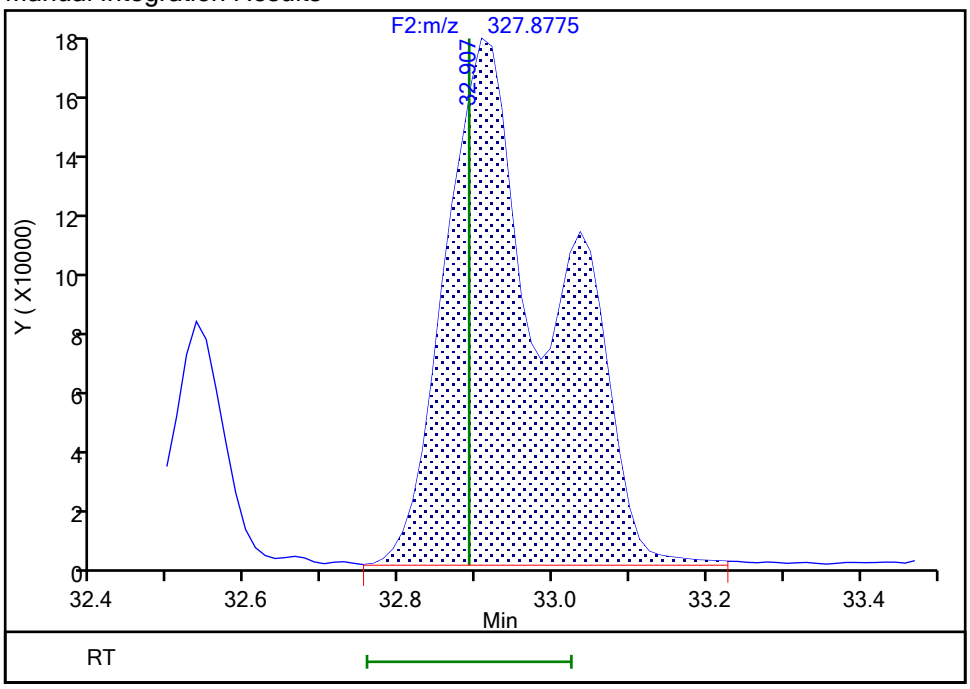
Processing Integration Results

RT: 32.91
Area: 1127194
Amount: 22.212220
Amount Units: pg/ul



Manual Integration Results

RT: 32.91
Area: 1690616
Amount: 28.435369
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:12:03
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

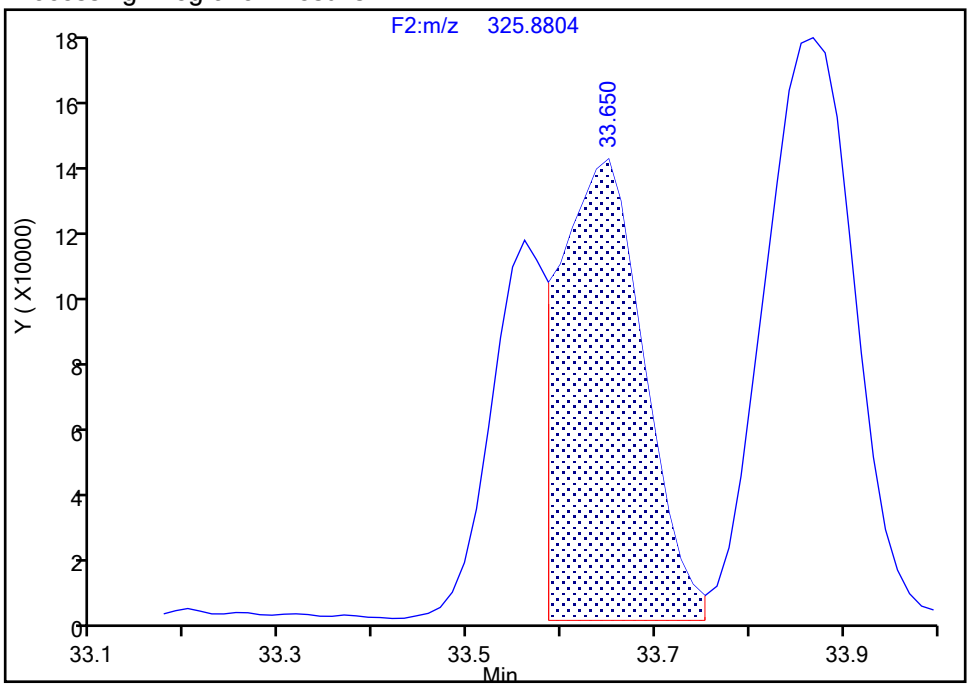
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-85/116/117, CAS: STL01810

Signal: 1

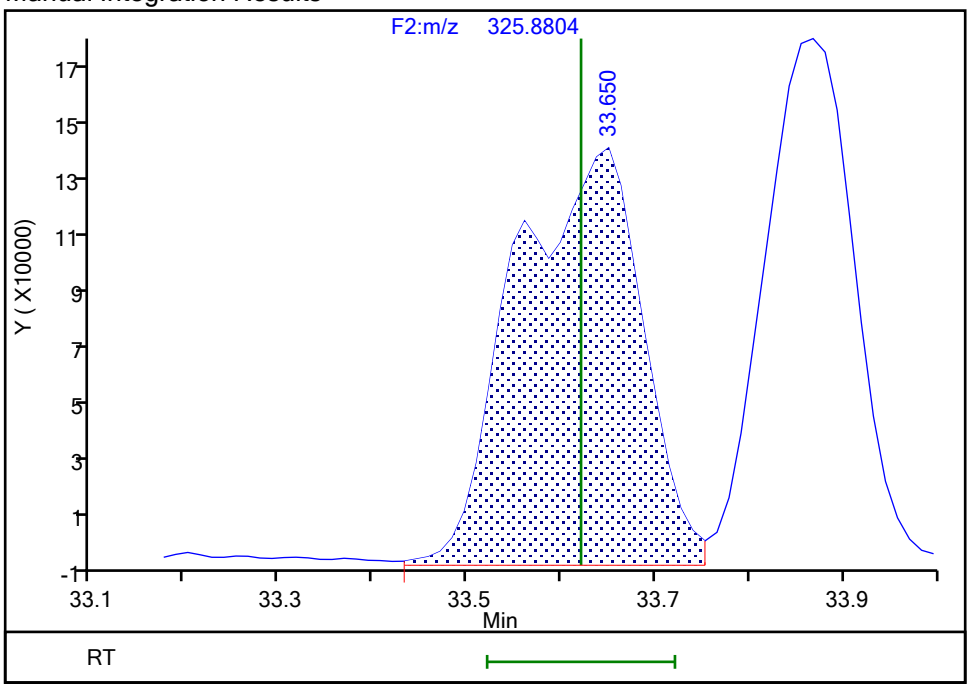
Processing Integration Results

RT: 33.65
Area: 841135
Amount: 10.371780
Amount Units: pg/ul



Manual Integration Results

RT: 33.65
Area: 1305780
Amount: 14.052983
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:12:13

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

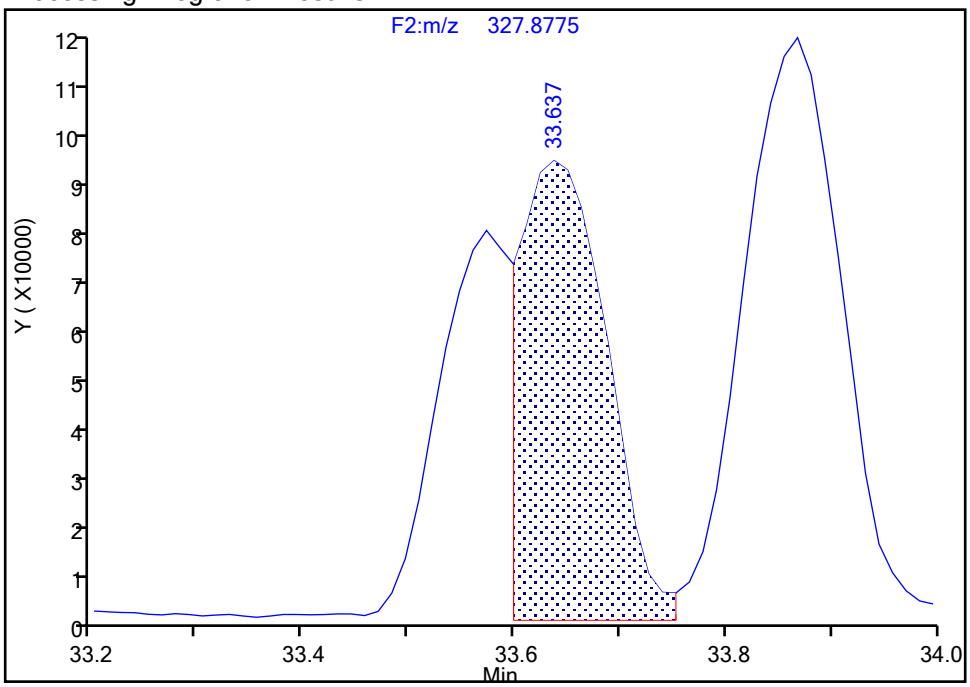
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-85/116/117, CAS: STL01810

Signal: 2

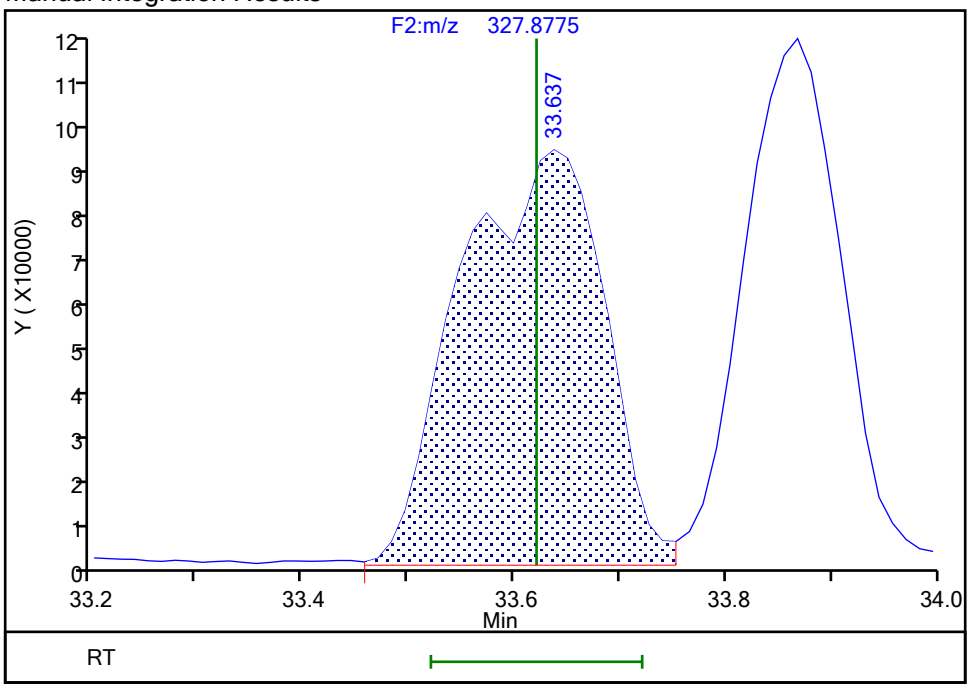
Processing Integration Results

RT: 33.64
Area: 495595
Amount: 10.371780
Amount Units: pg/ul



Manual Integration Results

RT: 33.64
Area: 837967
Amount: 14.052983
Amount Units: pg/ul



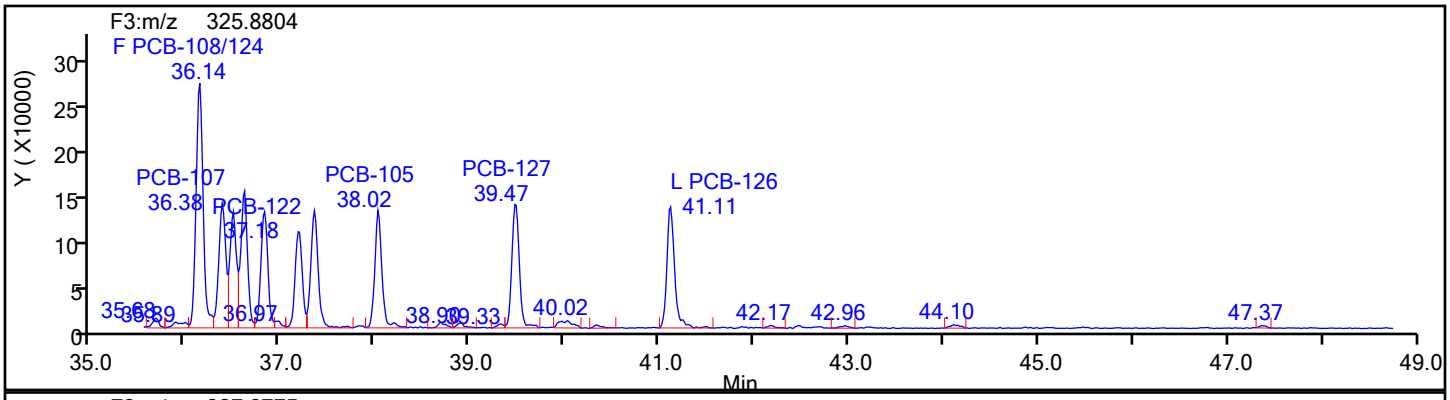
Reviewer: nordquistj, 08-Oct-2021 15:12:23
Audit Action: Manually Integrated Audit Reason: Split Peak

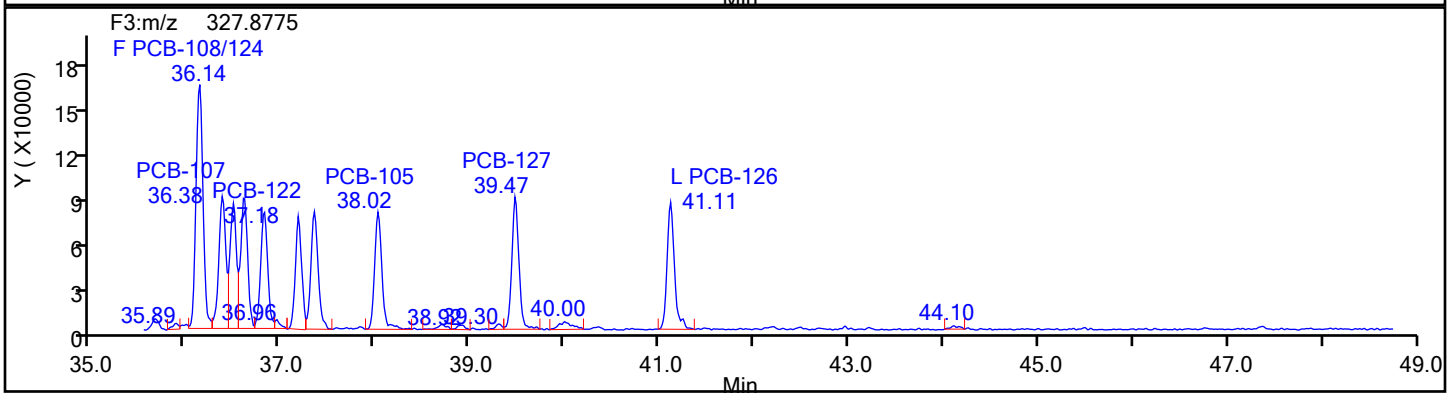
Report Date: 08-Oct-2021 19:10:54 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

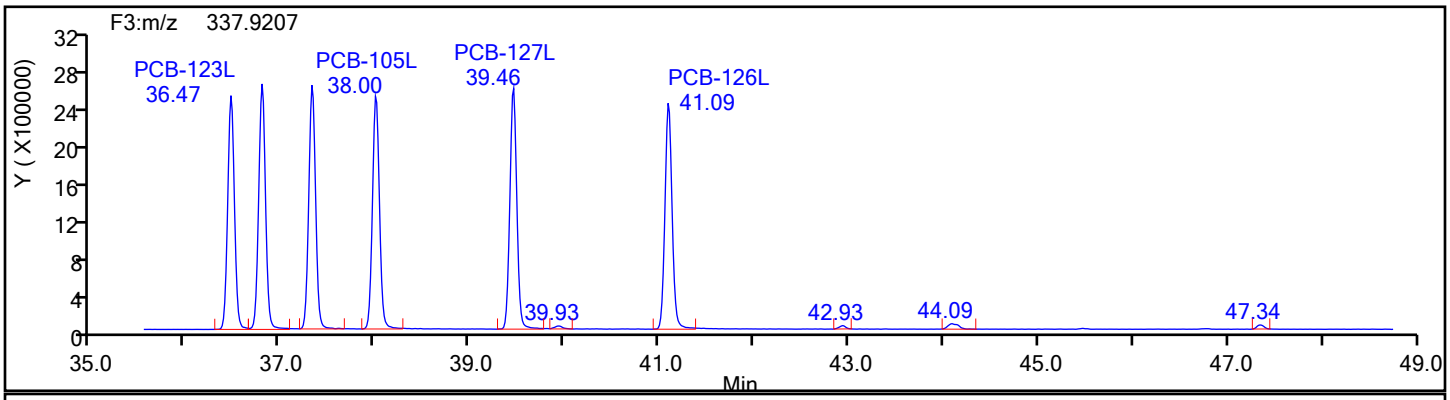
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

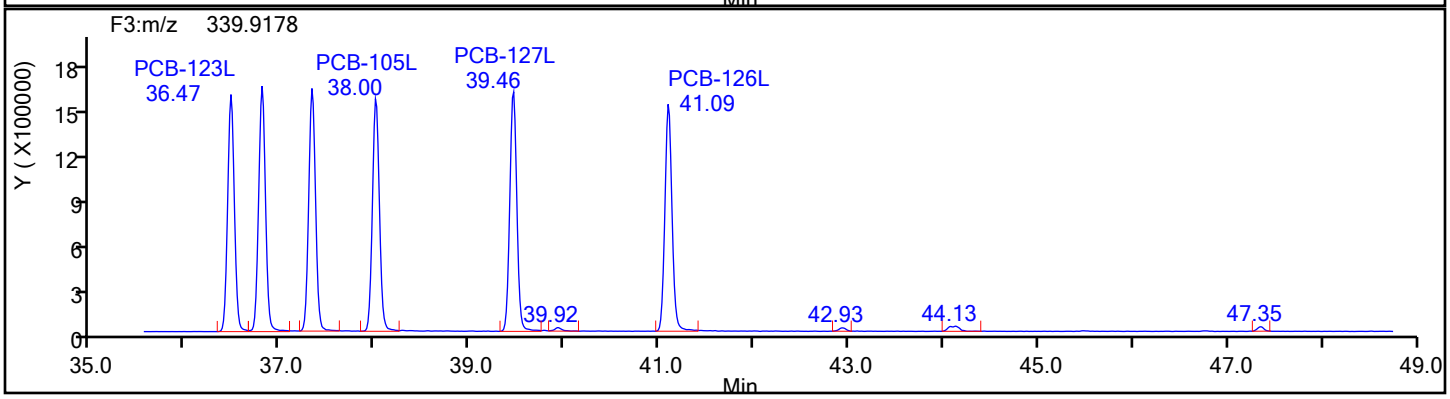
PePCB F3





PePCB F3 Standards



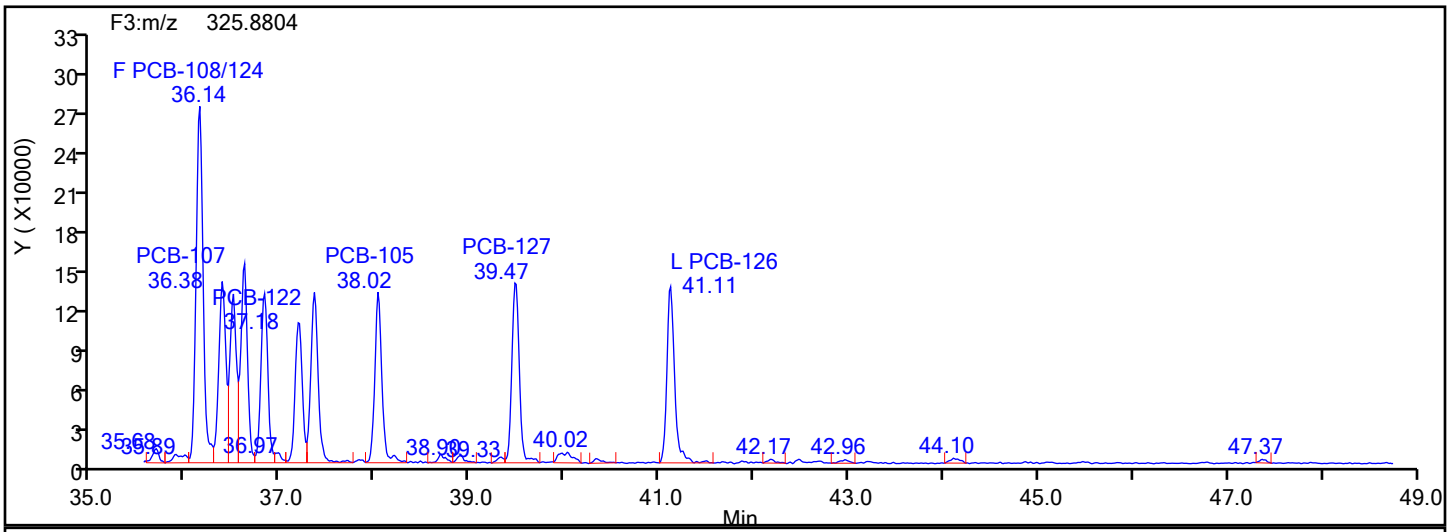


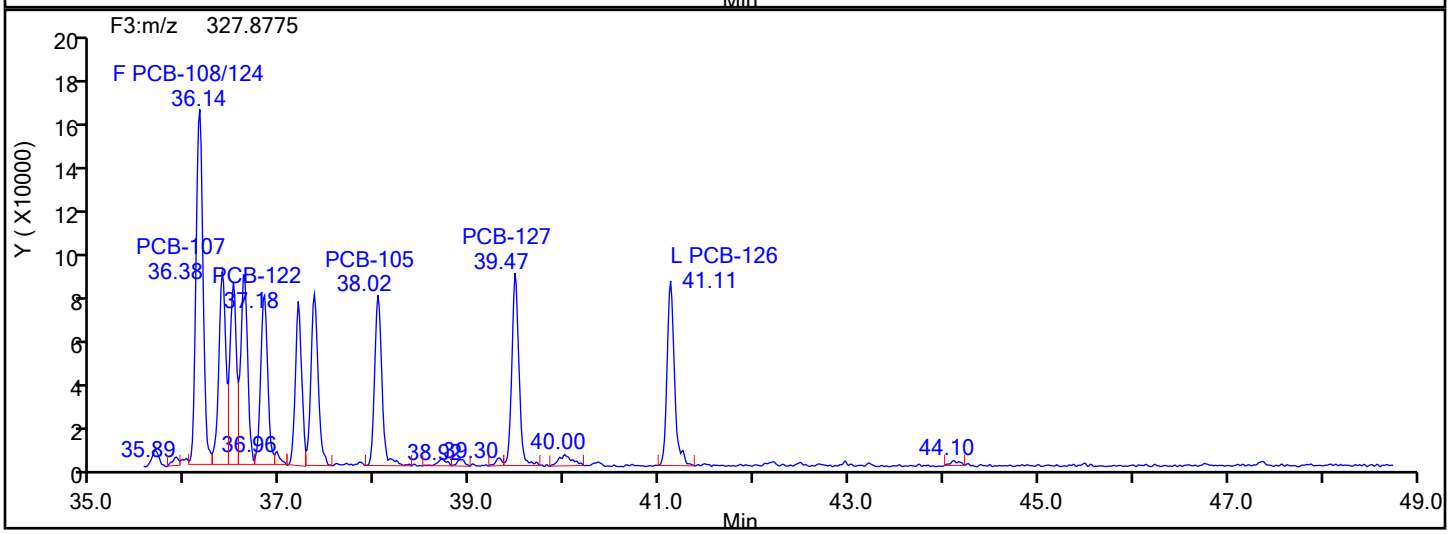
Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

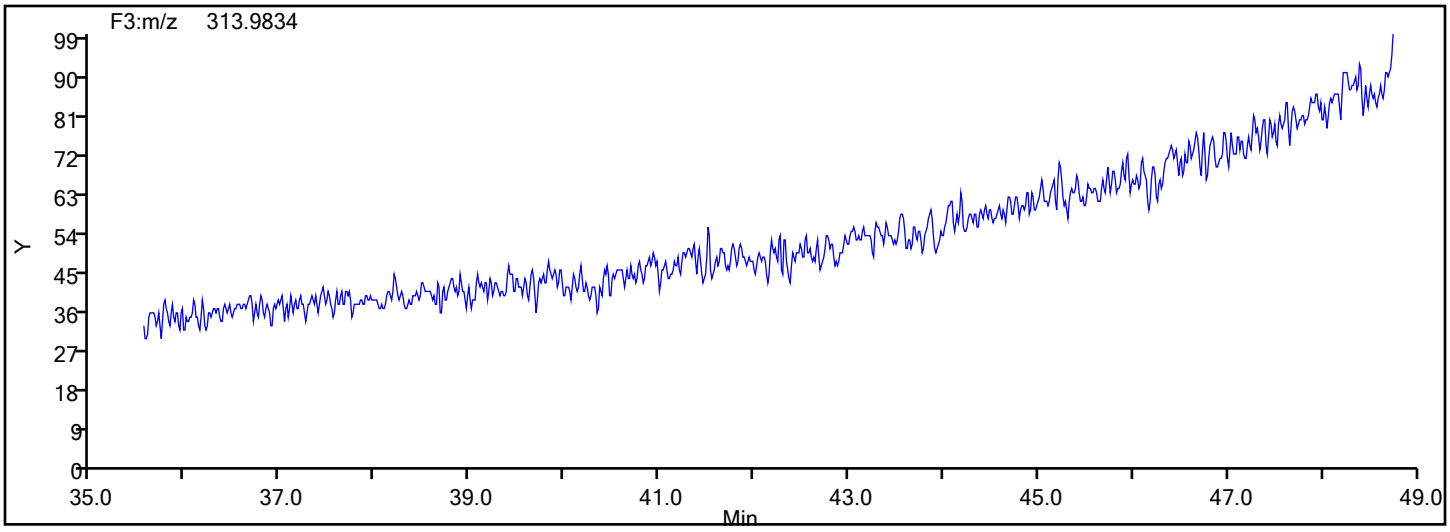
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

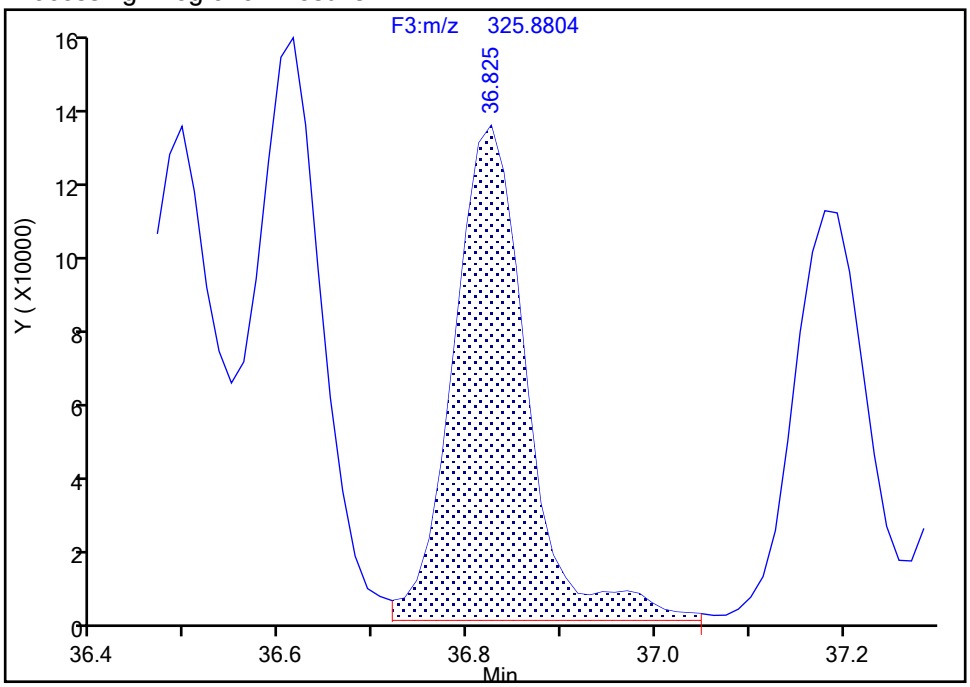
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-118, CAS: 31508-00-6

Signal: 1

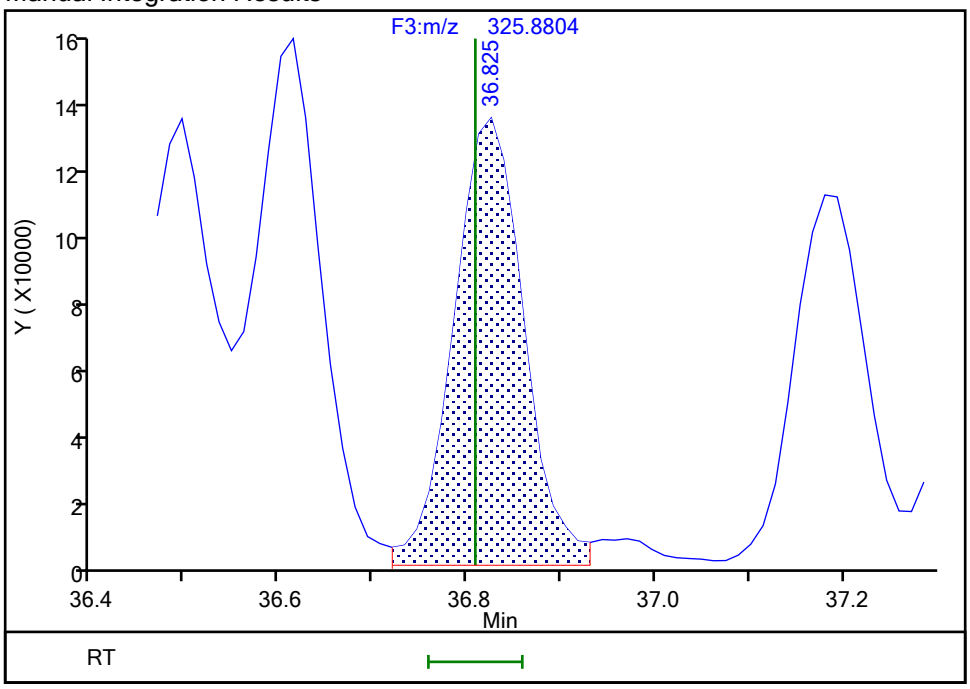
Processing Integration Results

RT: 36.83
Area: 691119
Amount: 5.171926
Amount Units: pg/ul



Manual Integration Results

RT: 36.83
Area: 656254
Amount: 4.803312
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:12:37
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

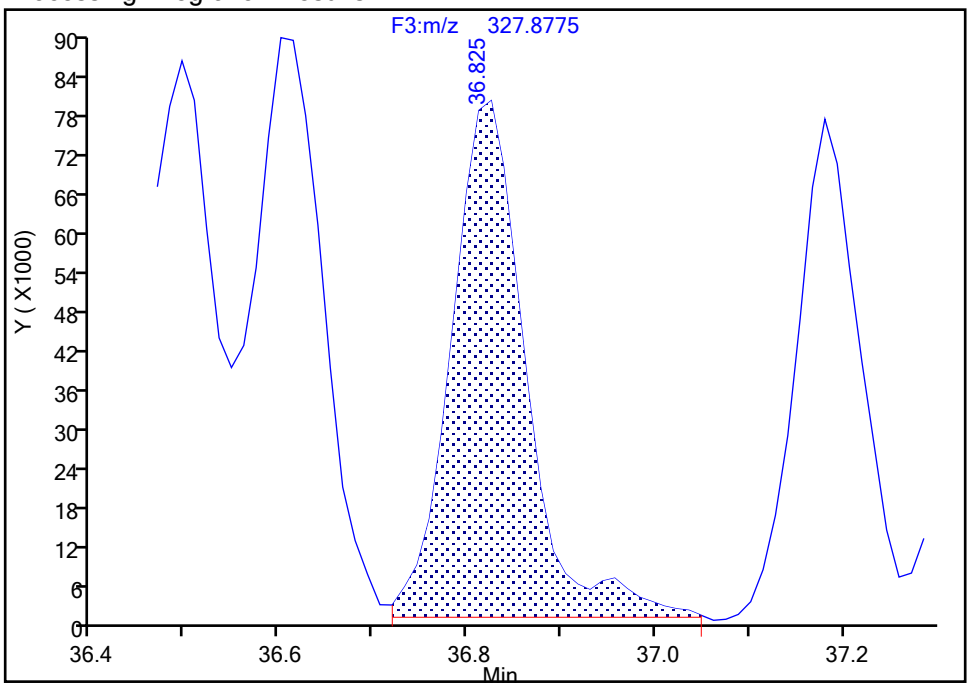
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 2

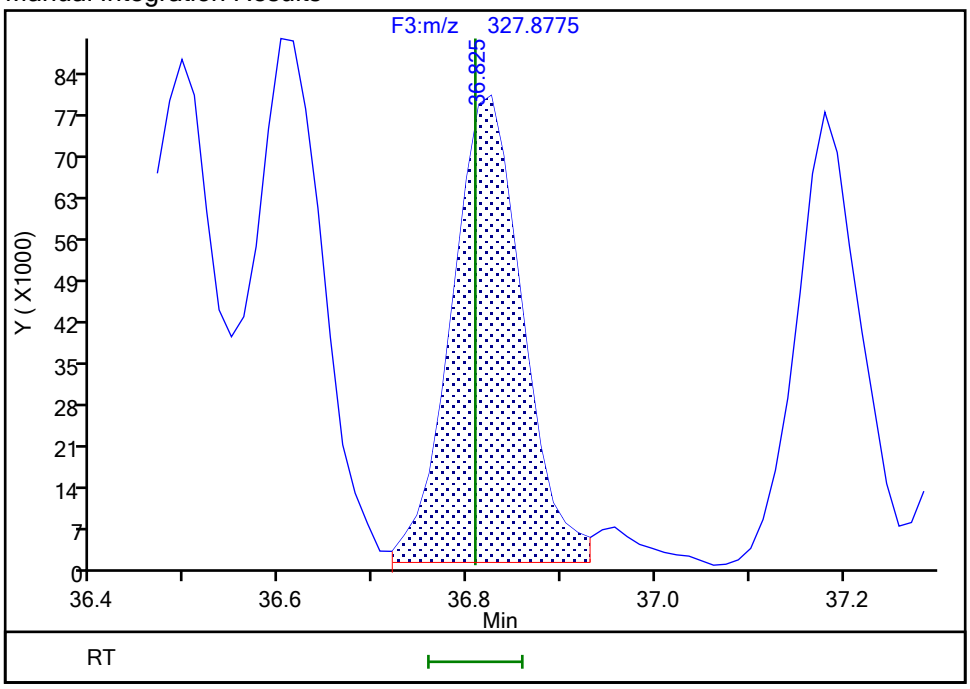
Processing Integration Results

RT: 36.83
Area: 432345
Amount: 5.171926
Amount Units: pg/ul



Manual Integration Results

RT: 36.83
Area: 410695
Amount: 4.803312
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:12:40
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

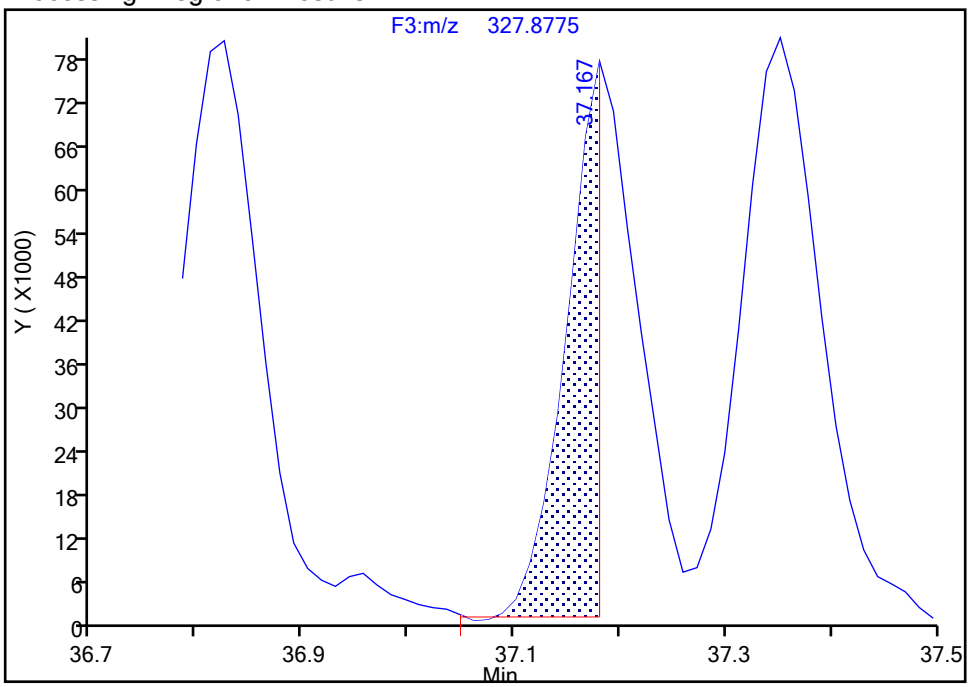
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-122, CAS: 76842-07-4

Signal: 2

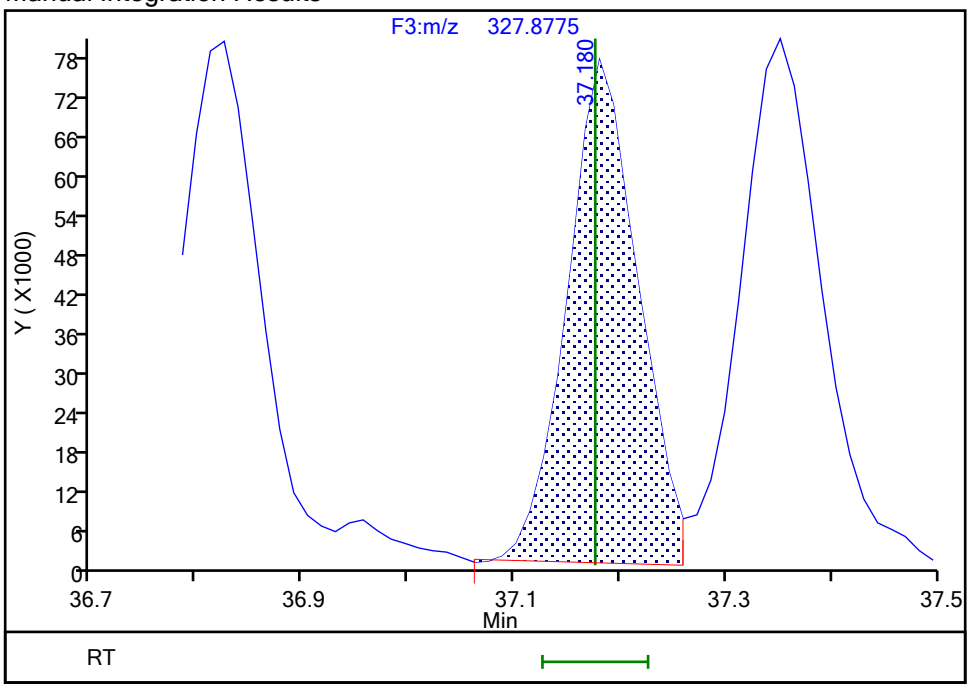
Processing Integration Results

RT: 37.17
Area: 158527
Amount: 4.056965
Amount Units: pg/ul



Manual Integration Results

RT: 37.18
Area: 354118
Amount: 4.727689
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:12:48
Audit Action: Manually Integrated Audit Reason: Split Peak

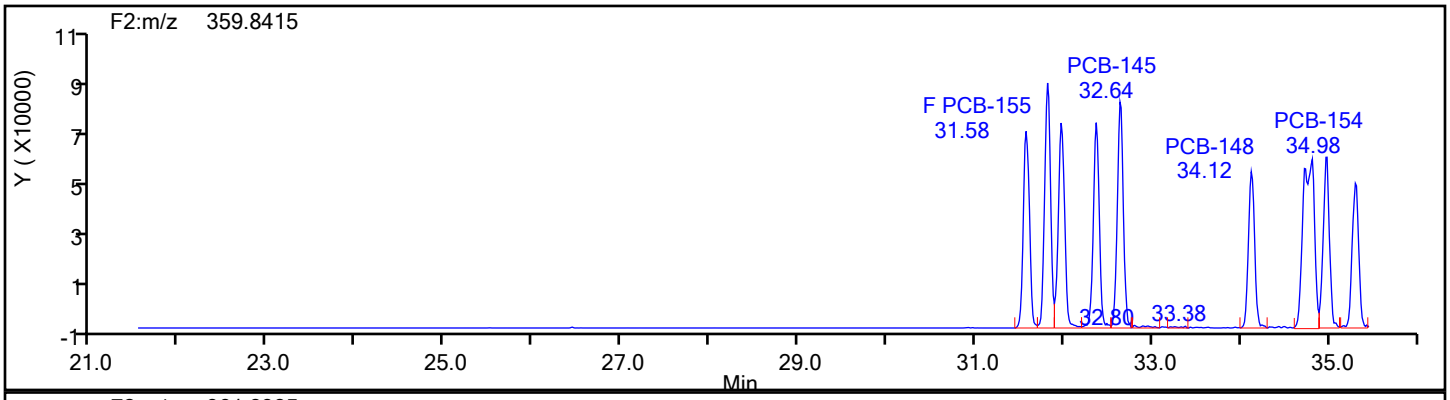
Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

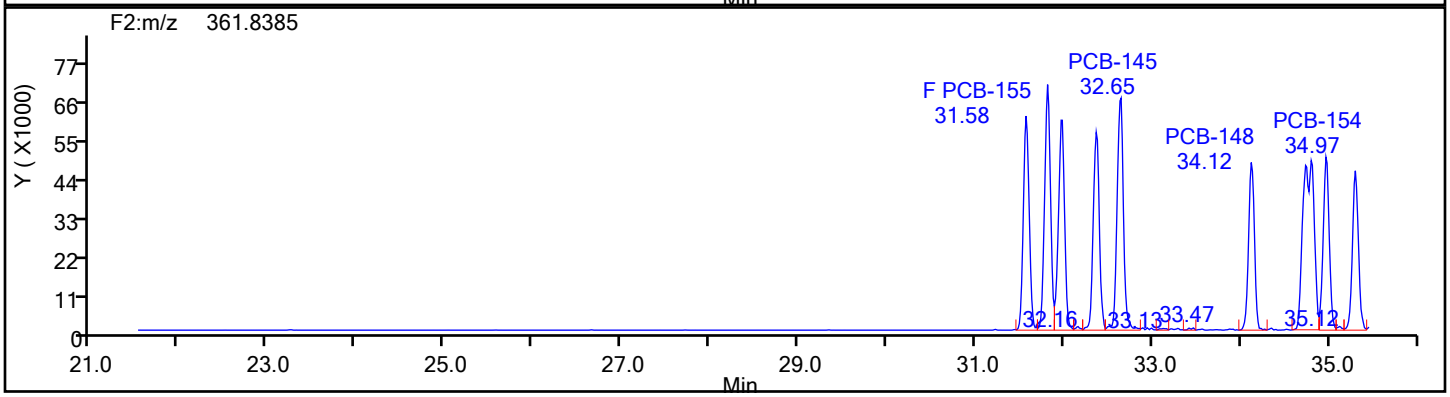
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

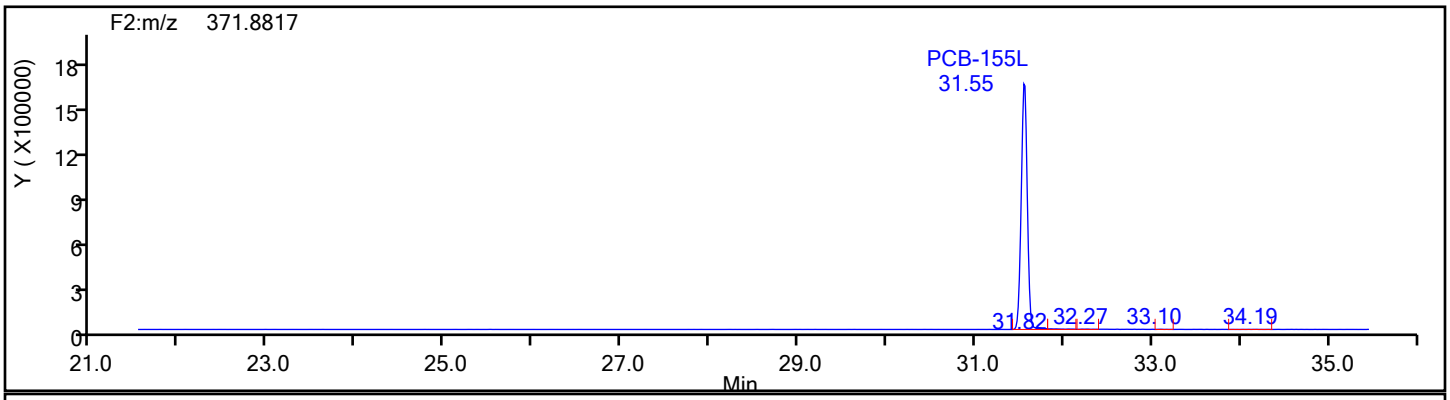
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

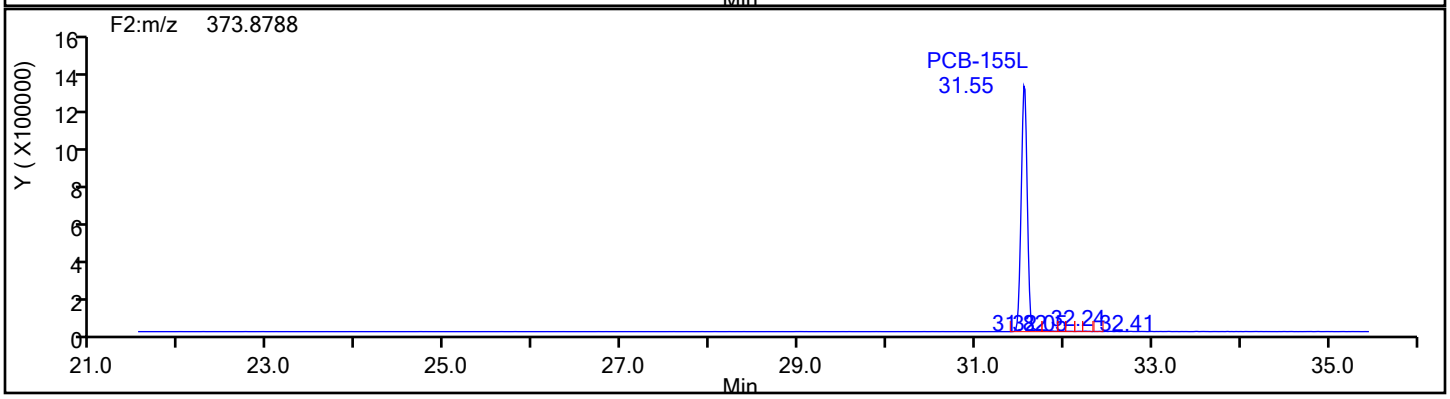
HxPCB F2





HxPCB F2 Standards



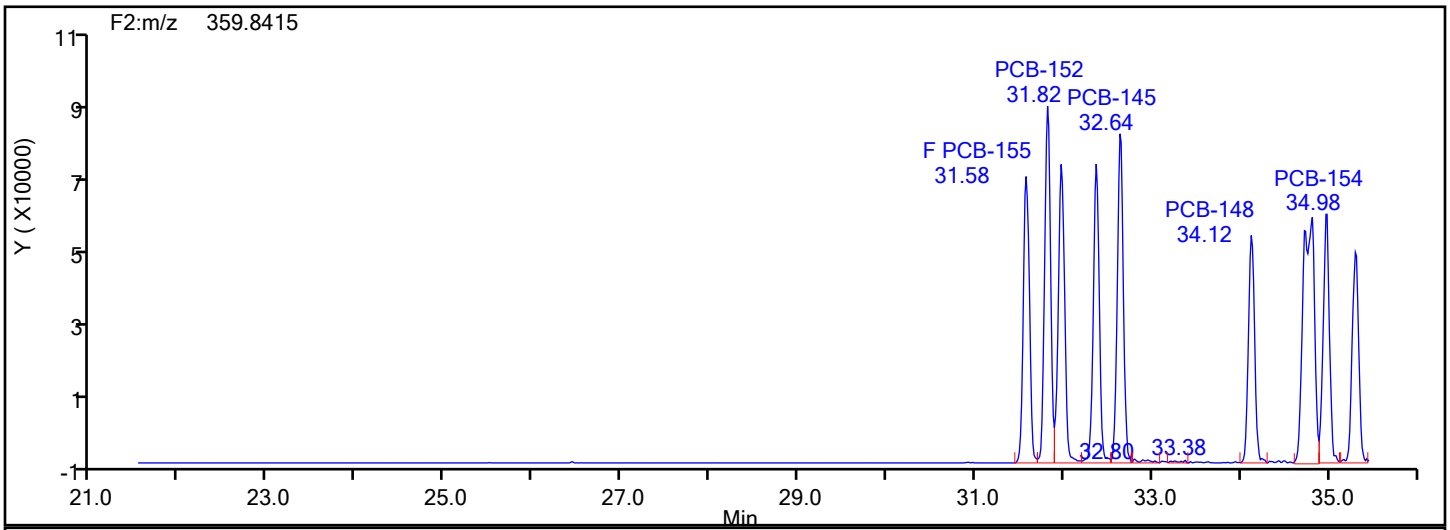


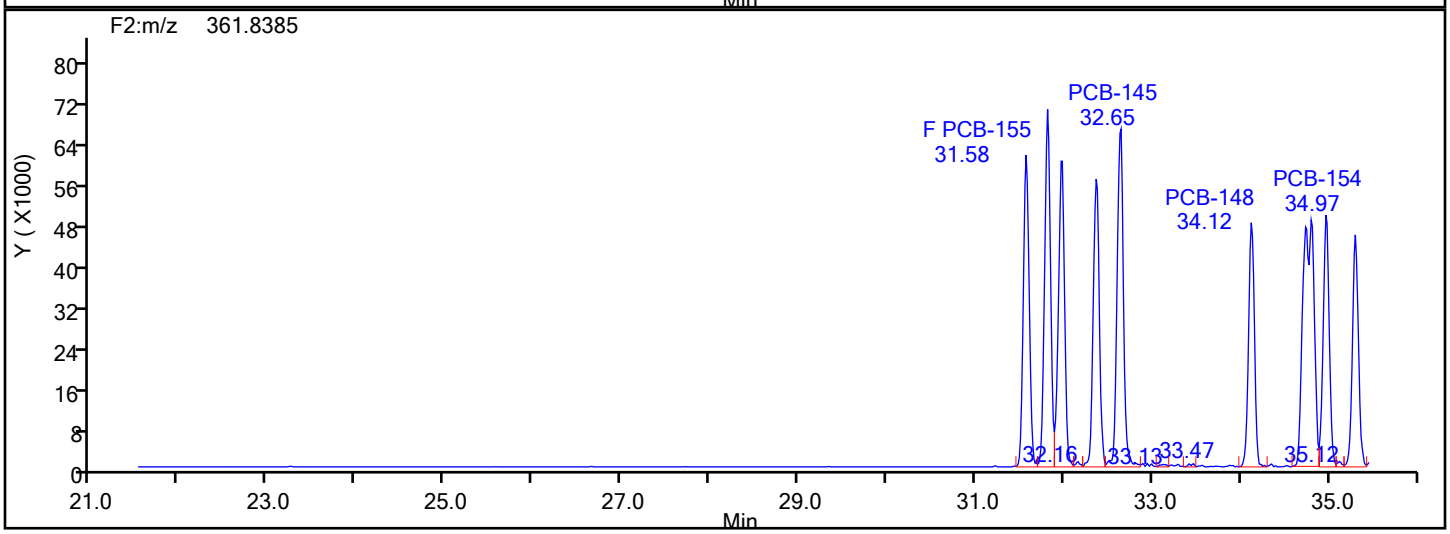
Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

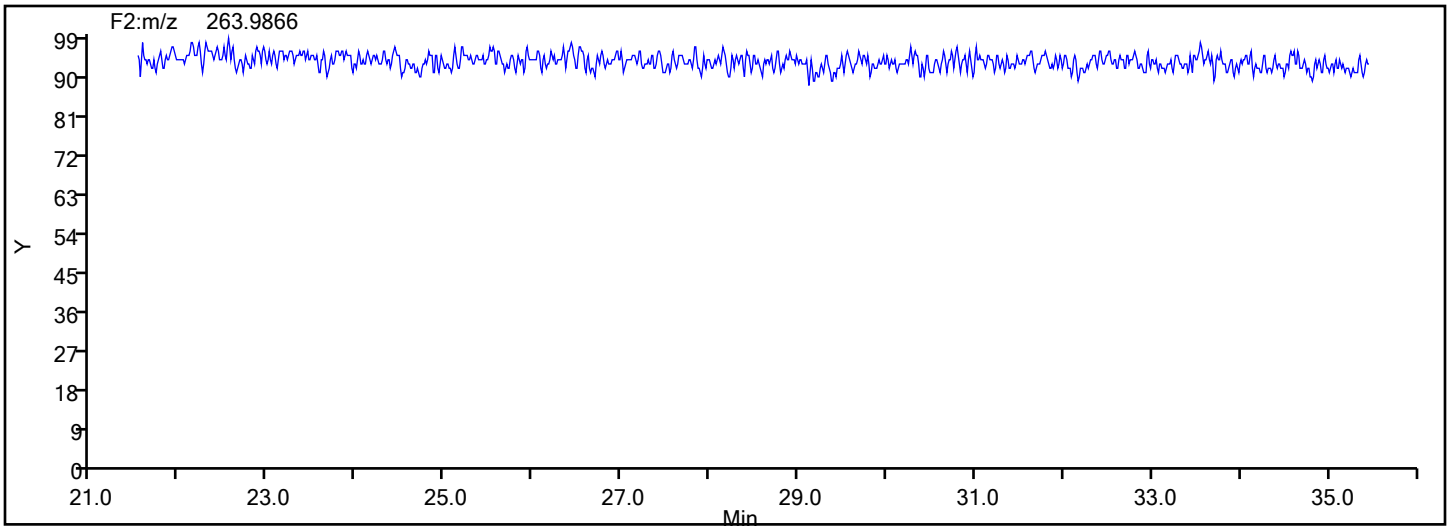
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

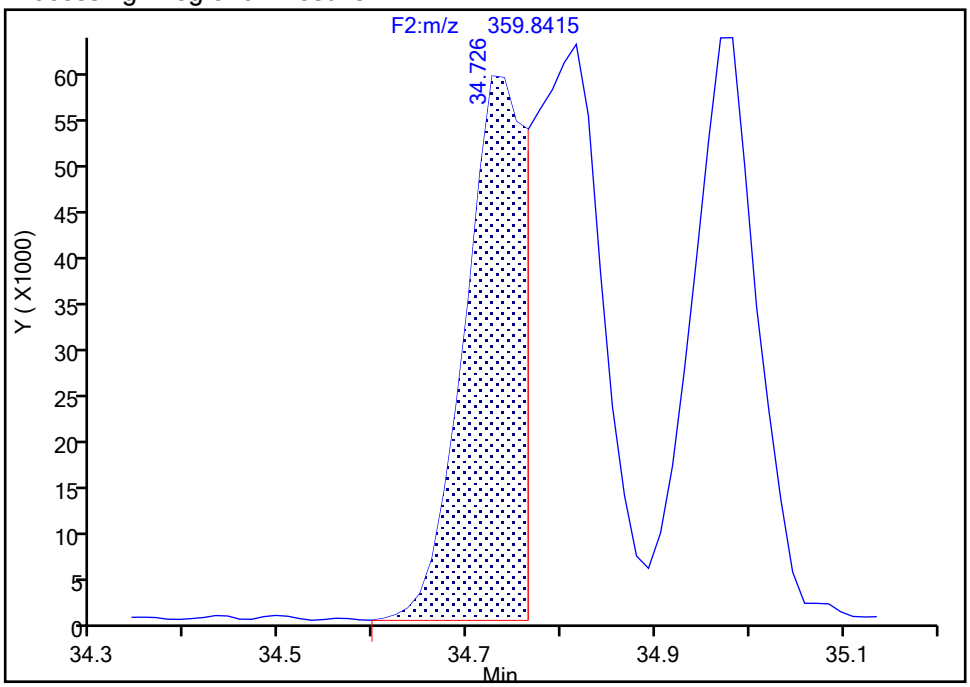
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 1

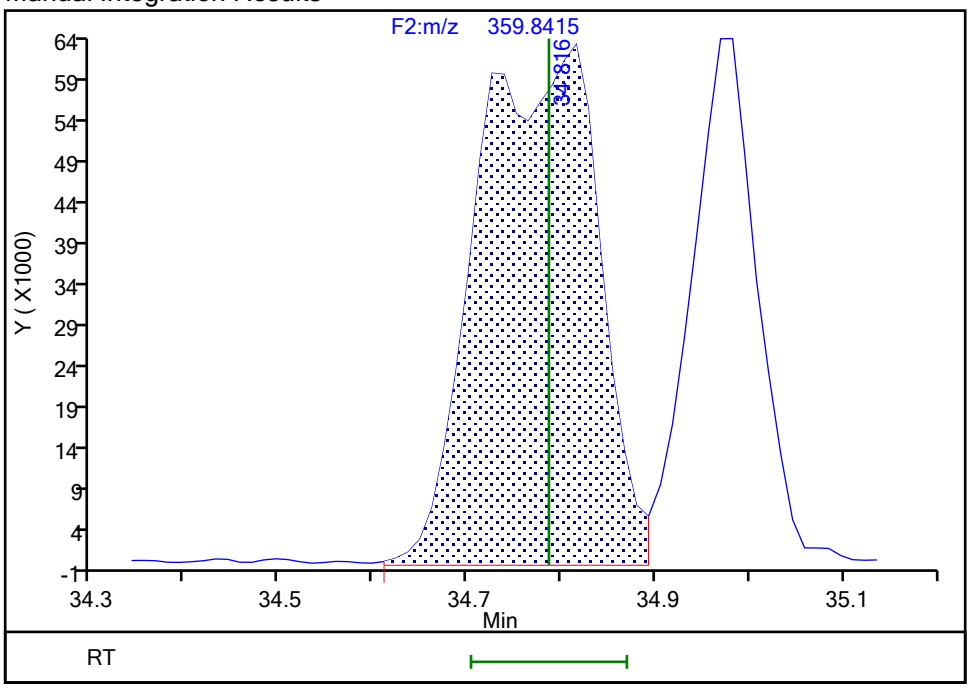
Processing Integration Results

RT: 34.73
Area: 254515
Amount: 5.700073
Amount Units: pg/ul



Manual Integration Results

RT: 34.82
Area: 568052
Amount: 9.631531
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:13:27

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

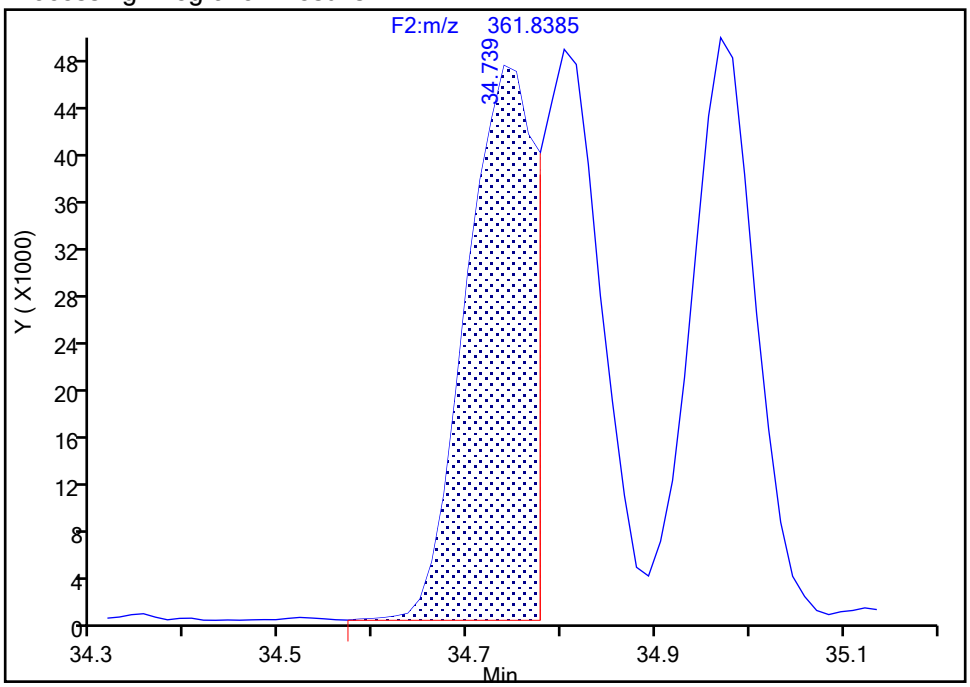
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-135/151, CAS: STL01819

Signal: 2

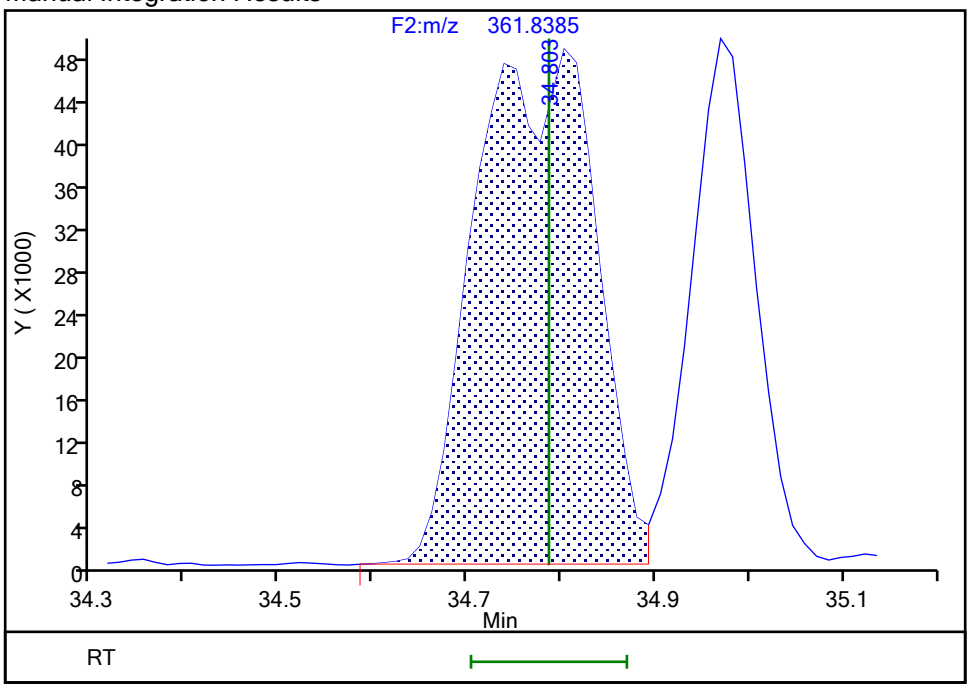
Processing Integration Results

RT: 34.74
Area: 232215
Amount: 5.700073
Amount Units: pg/ul



Manual Integration Results

RT: 34.80
Area: 430943
Amount: 9.631531
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:13:38
Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

Injection Date: 08-Oct-2021 13:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

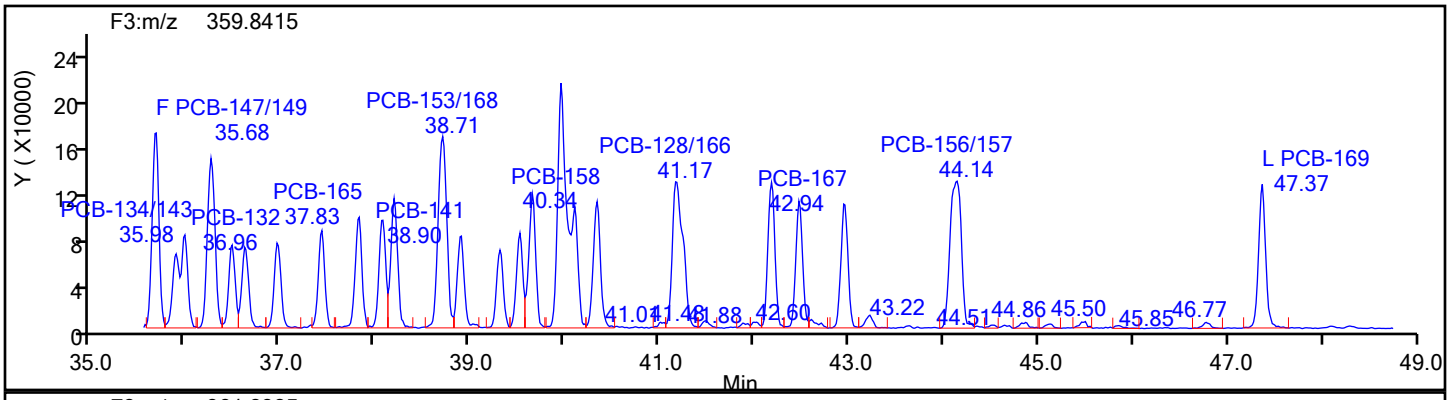
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

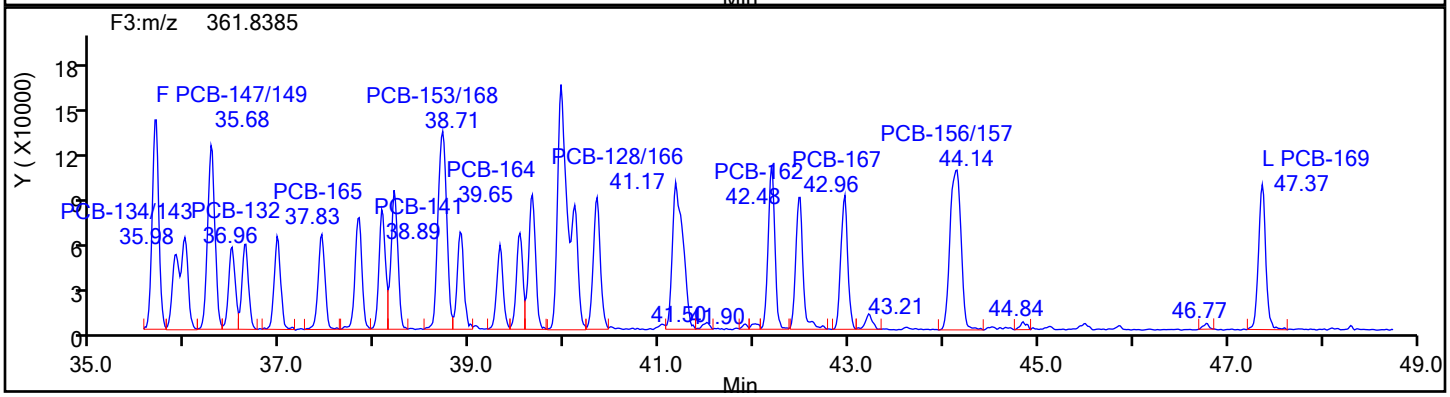
Client ID:

Worklist#: 54640 Sample Line#: 3

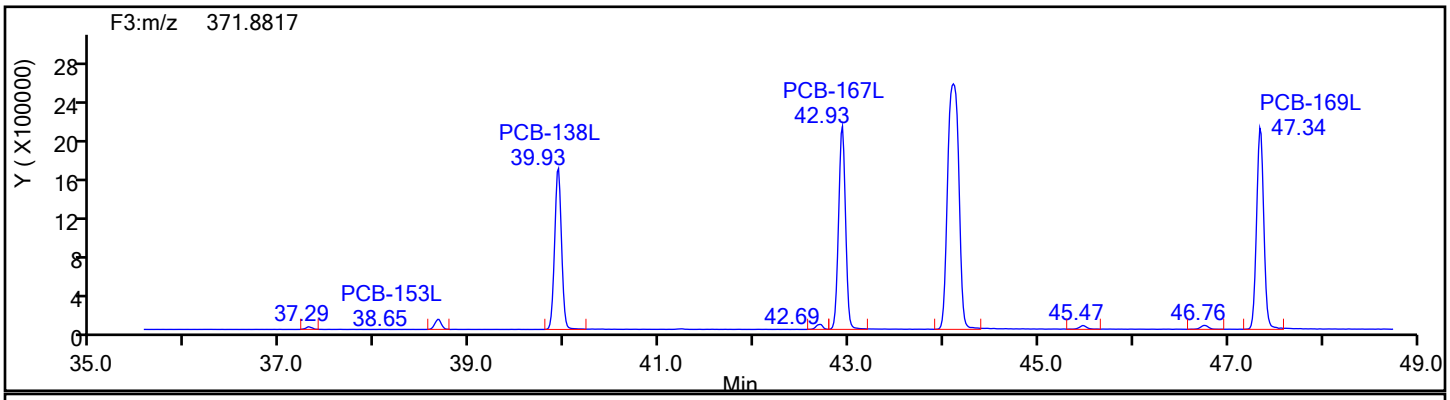
Column Type: Column Dia:

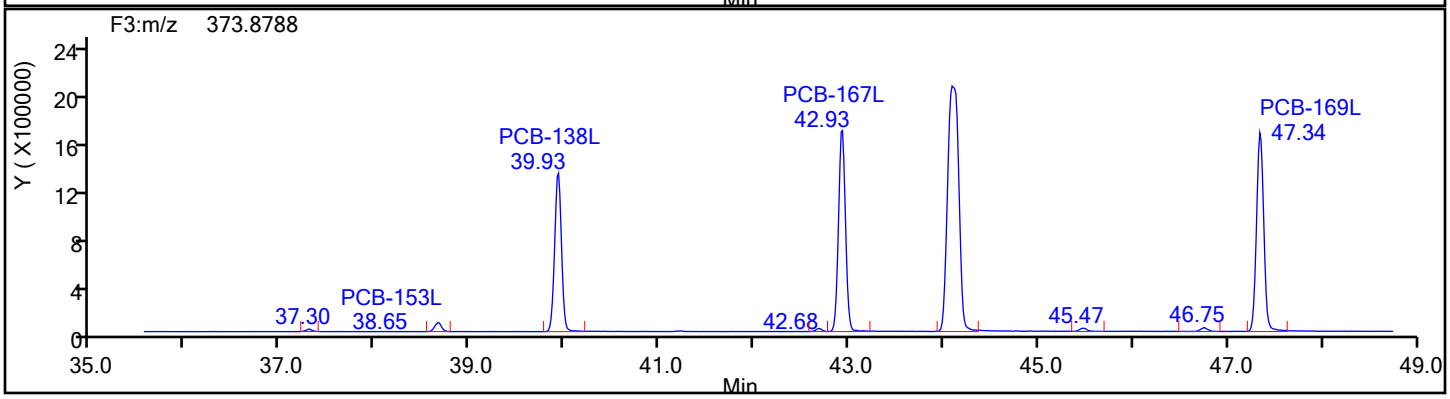
HxPCB F3





HxPCB F3 Standards



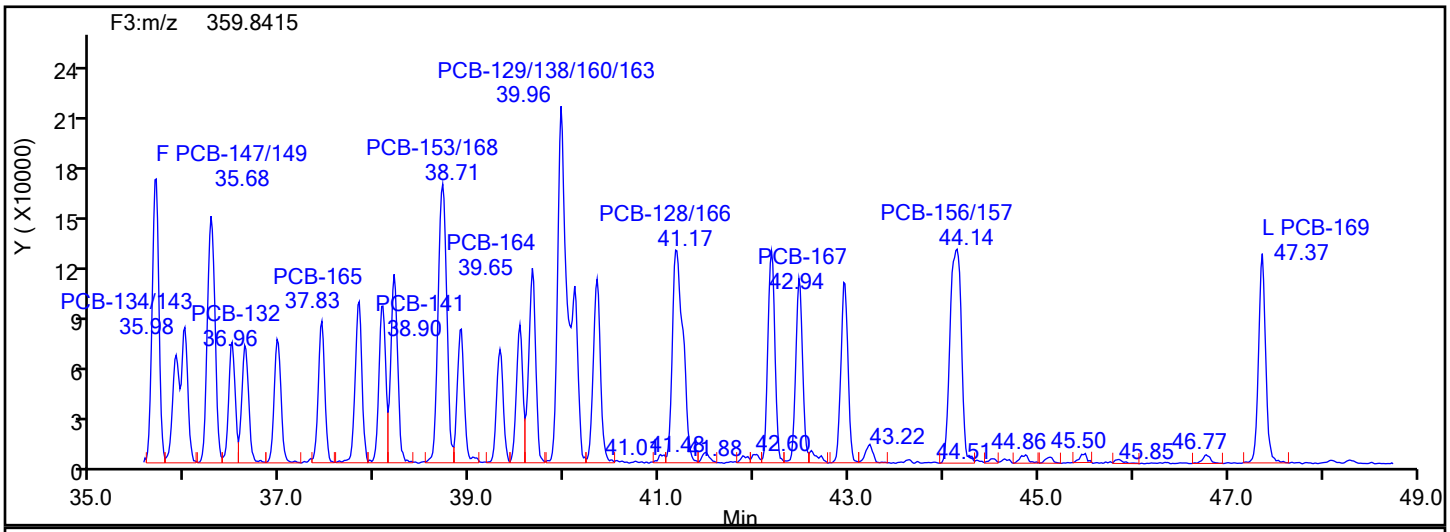


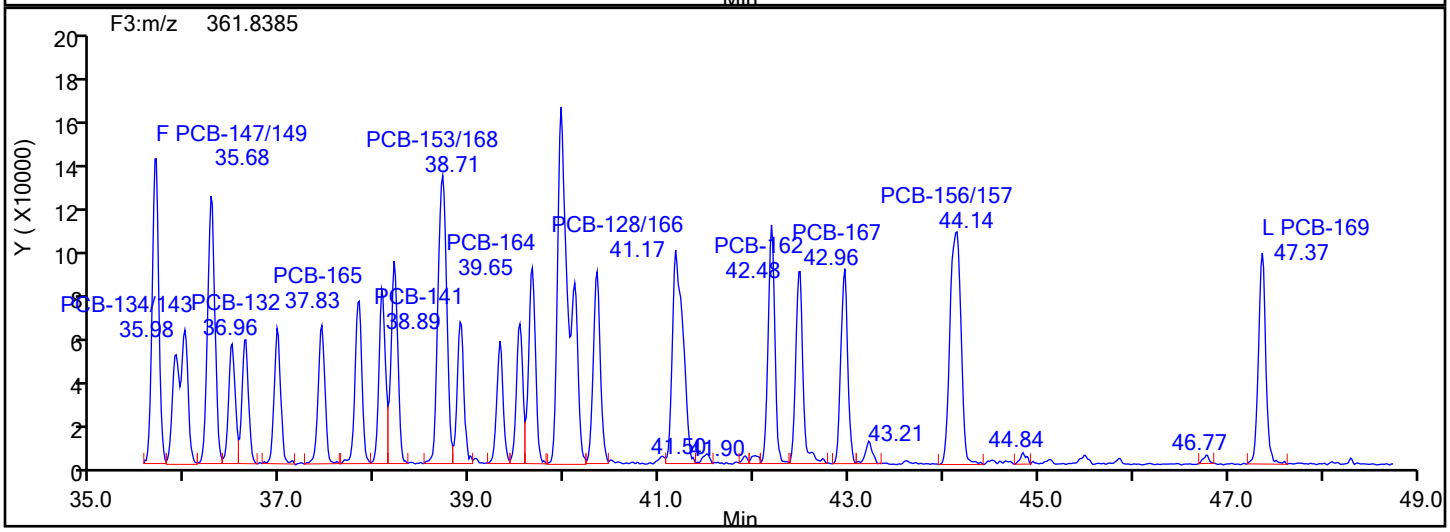
Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

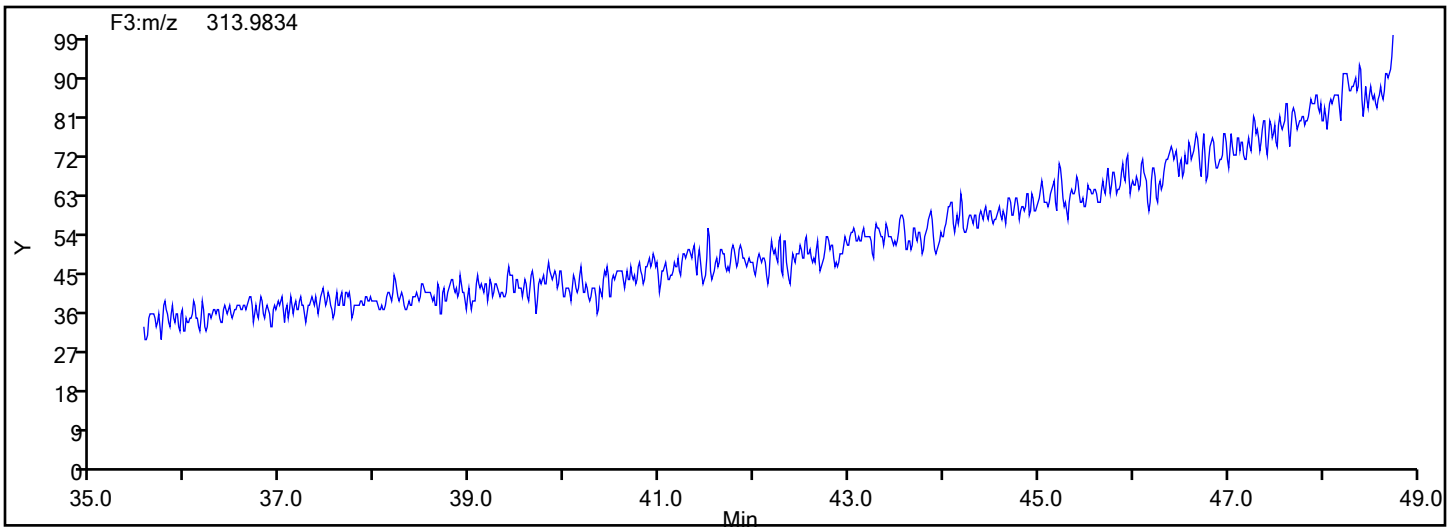
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

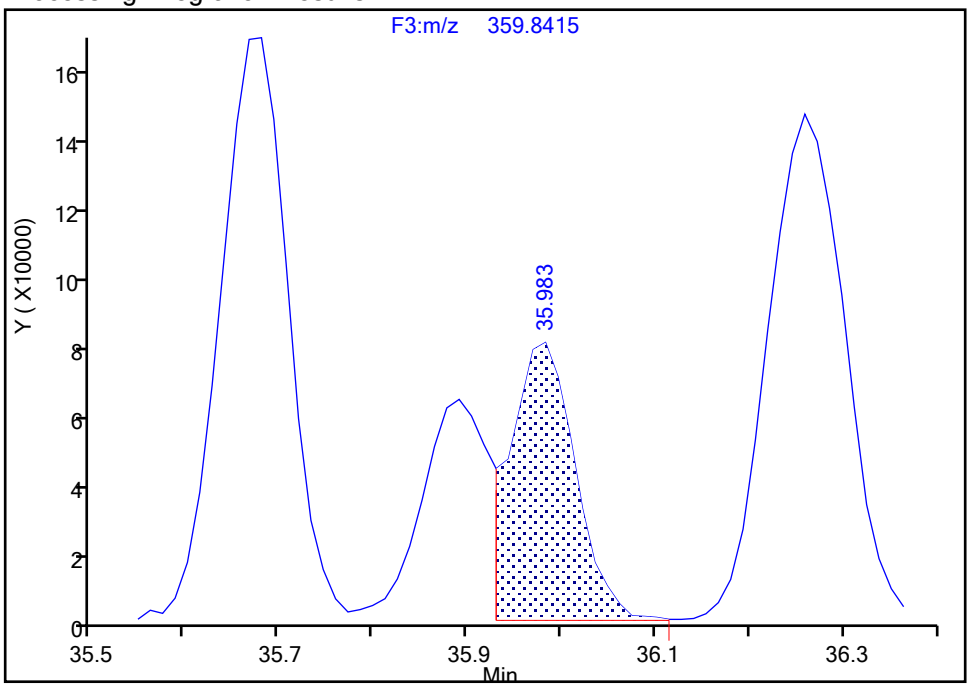
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-134/143, CAS: STL01818

Signal: 1

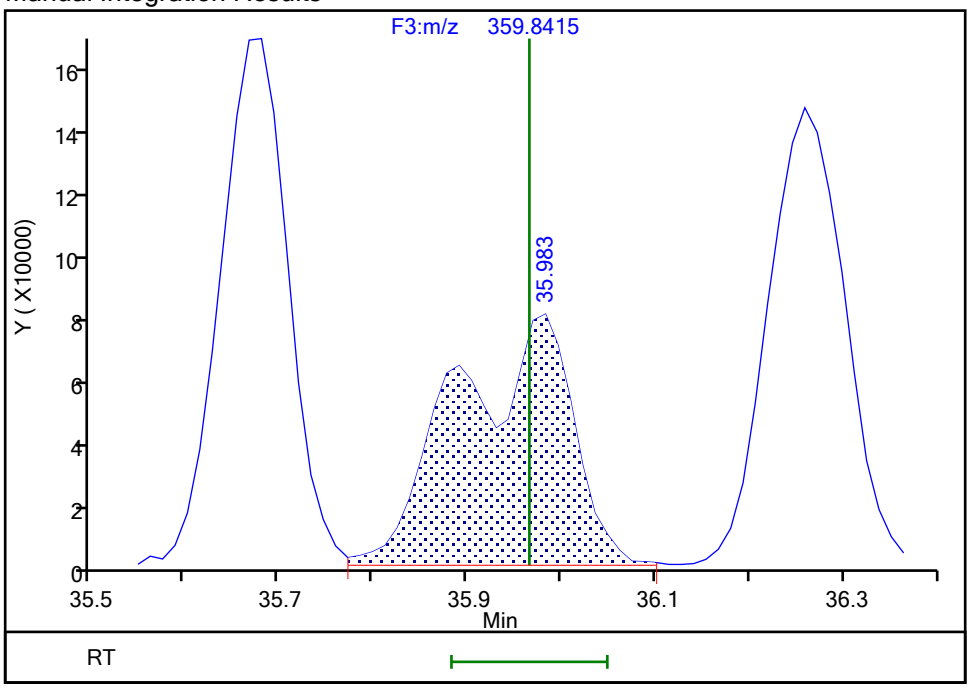
Processing Integration Results

RT: 35.98
Area: 380746
Amount: 6.150332
Amount Units: pg/ul



Manual Integration Results

RT: 35.98
Area: 689267
Amount: 9.524733
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:14:39

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

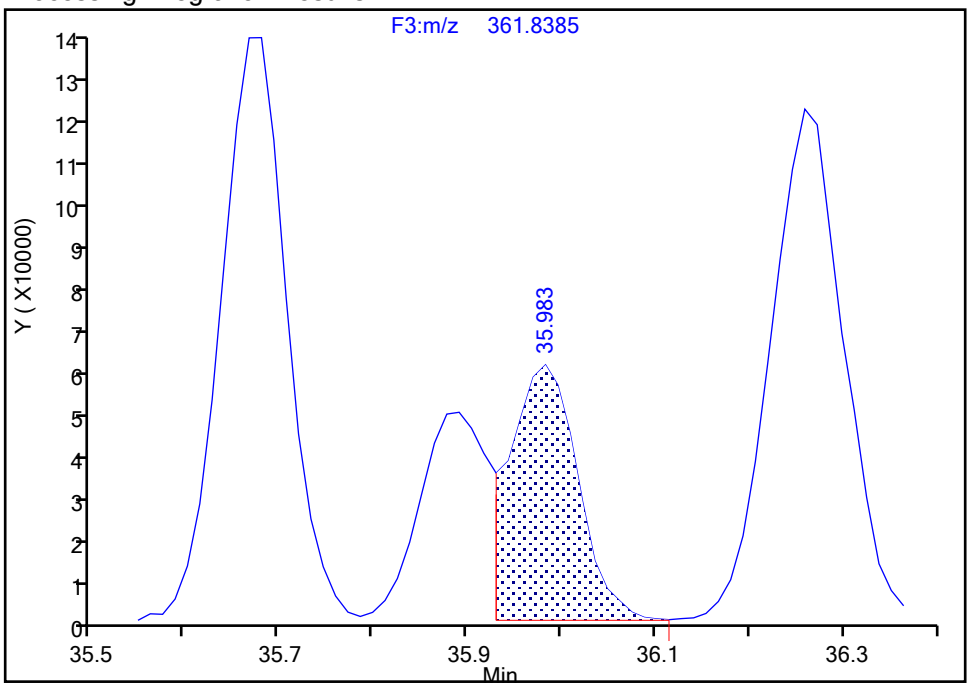
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-134/143, CAS: STL01818

Signal: 2

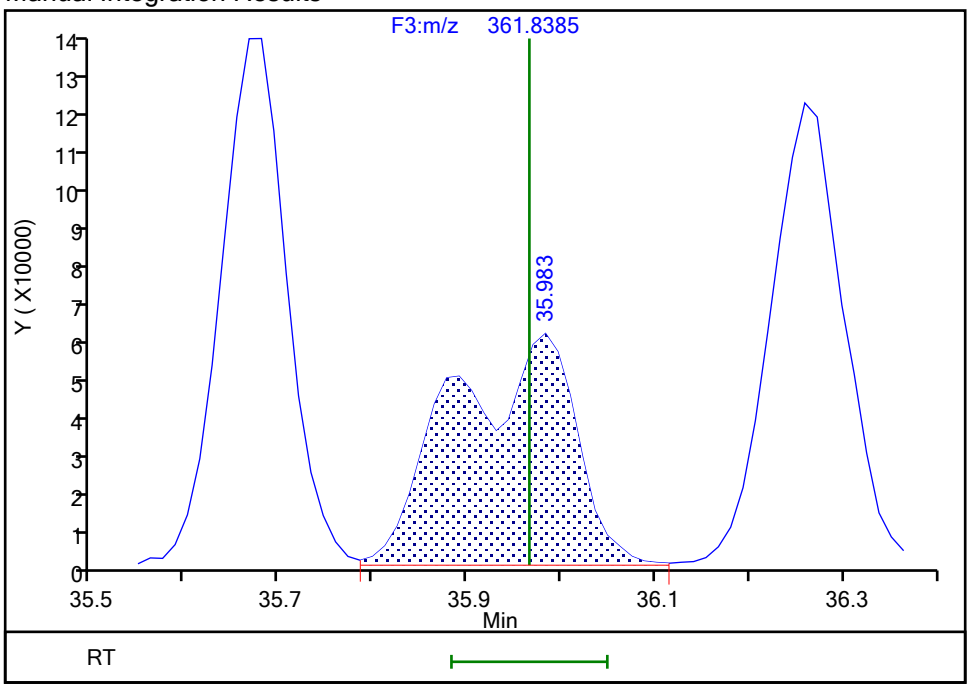
Processing Integration Results

RT: 35.98
Area: 300741
Amount: 6.150332
Amount Units: pg/ul



Manual Integration Results

RT: 35.98
Area: 553165
Amount: 9.524733
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:14:44
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

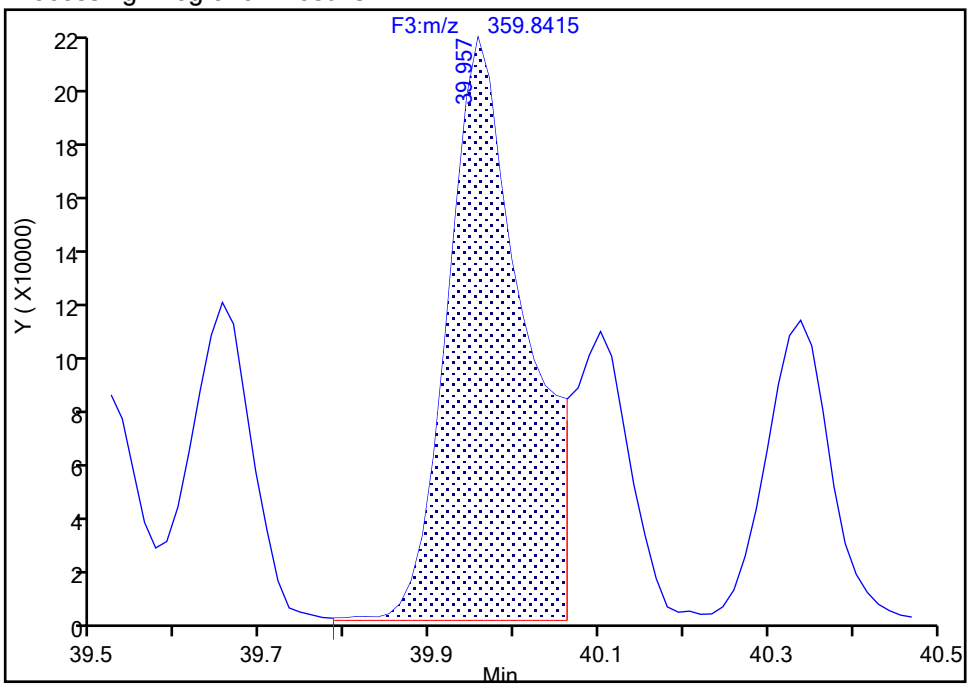
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 1

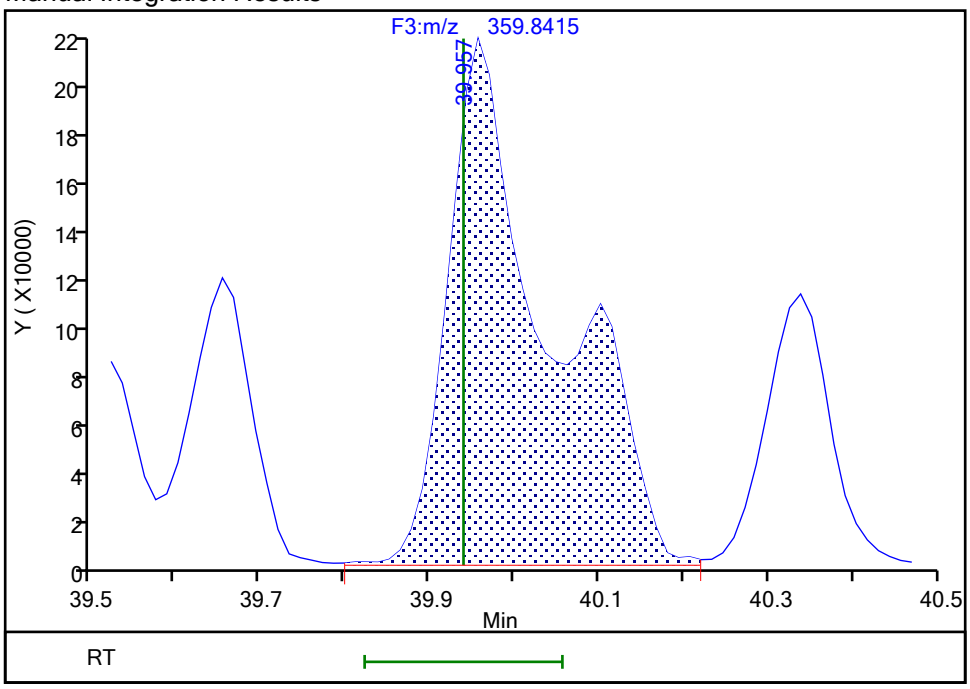
Processing Integration Results

RT: 39.96
Area: 1324793
Amount: 15.679746
Amount Units: pg/ul



Manual Integration Results

RT: 39.96
Area: 1803054
Amount: 19.129469
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:15:02
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

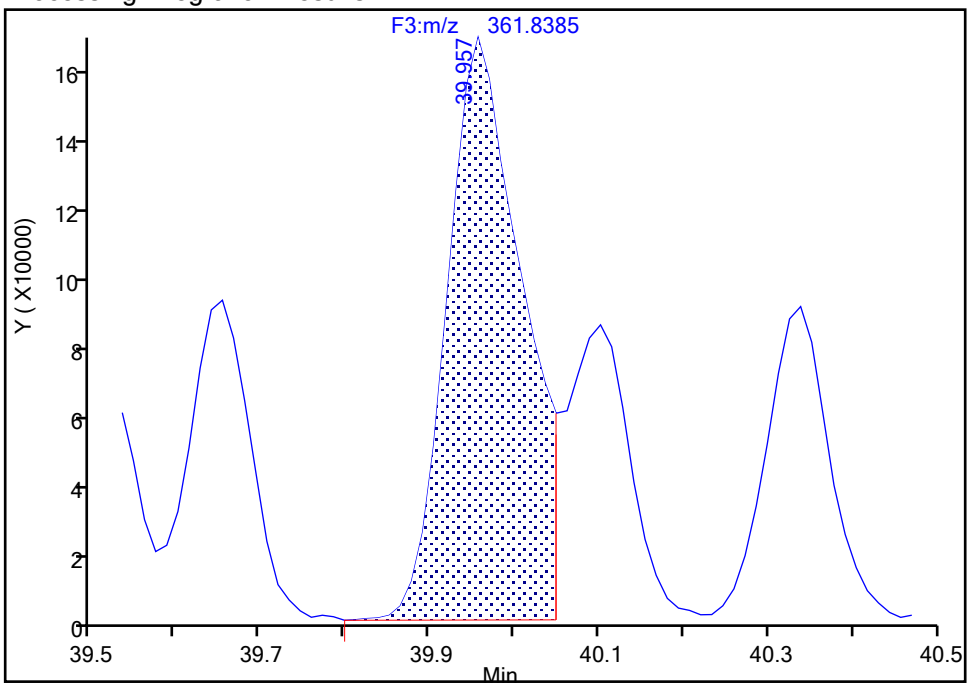
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d				
Injection Date:	08-Oct-2021 13:53:00	Instrument ID:	D2D		
Lims ID:	IC L3				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	3
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-129/138/160/163, CAS: STL02296

Signal: 2

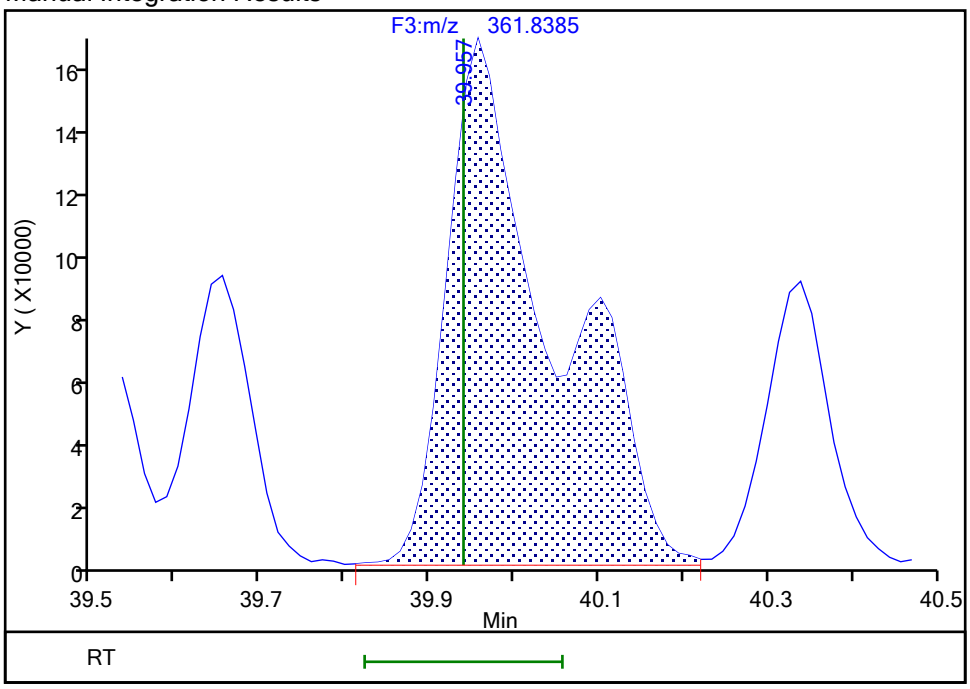
Processing Integration Results

RT: 39.96
Area: 996241
Amount: 15.679746
Amount Units: pg/ul



Manual Integration Results

RT: 39.96
Area: 1429855
Amount: 19.129469
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:15:08

Audit Action: Manually Integrated Audit Reason: Split Peak

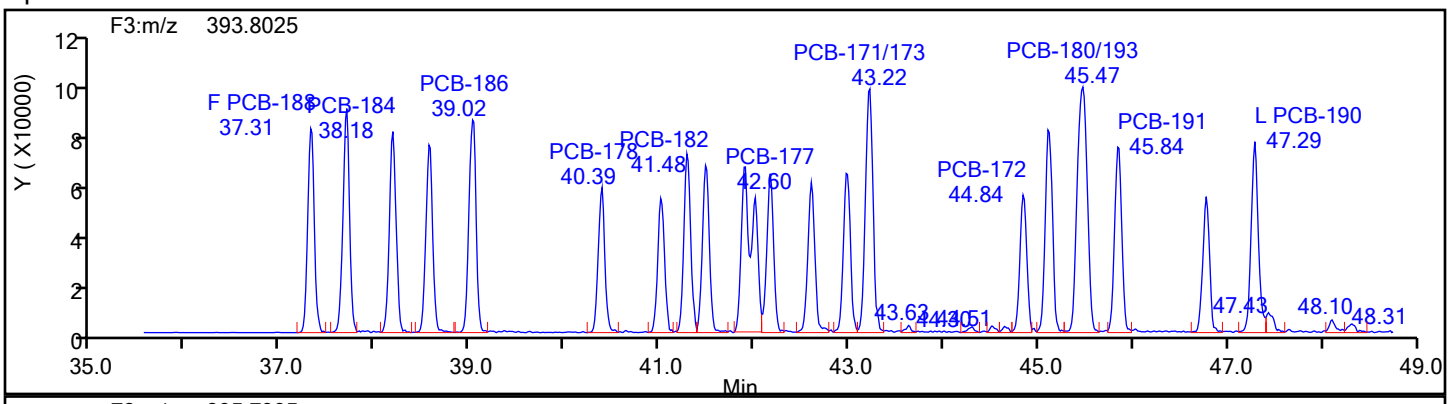
Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

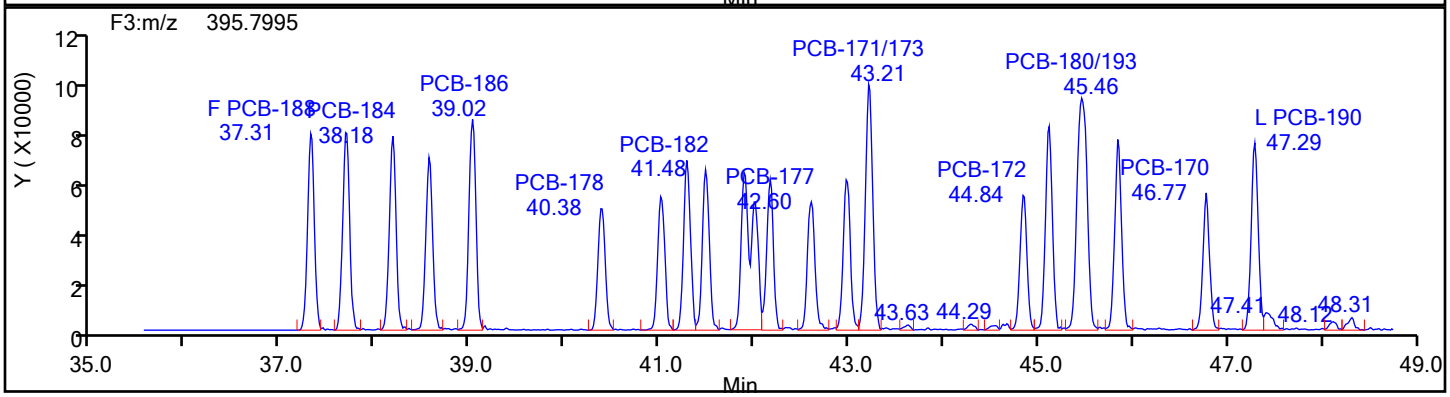
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

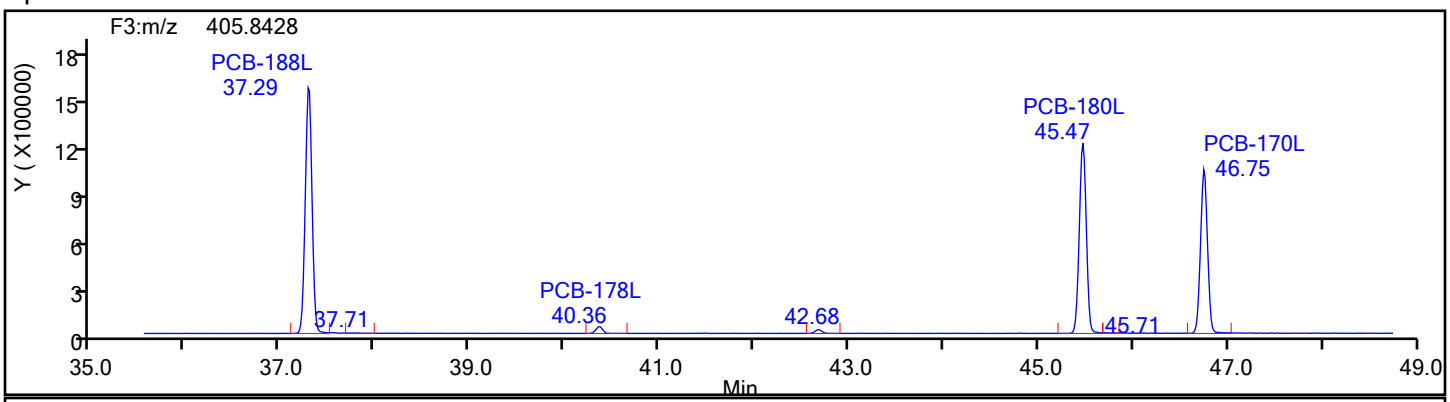
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

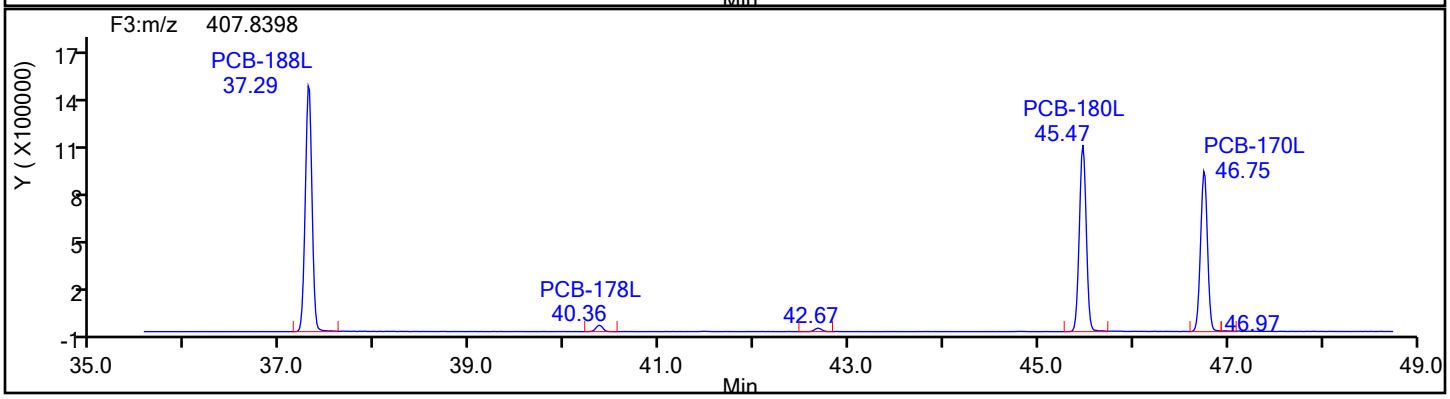
HpPCB F3





HpPCB F3 Standards



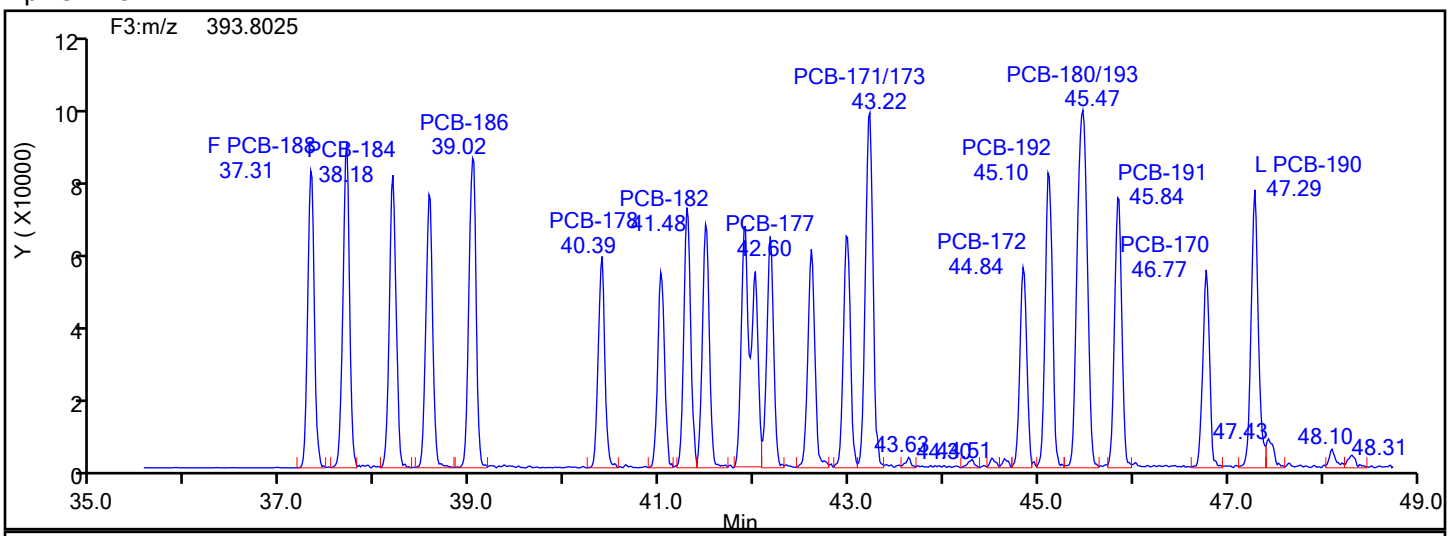


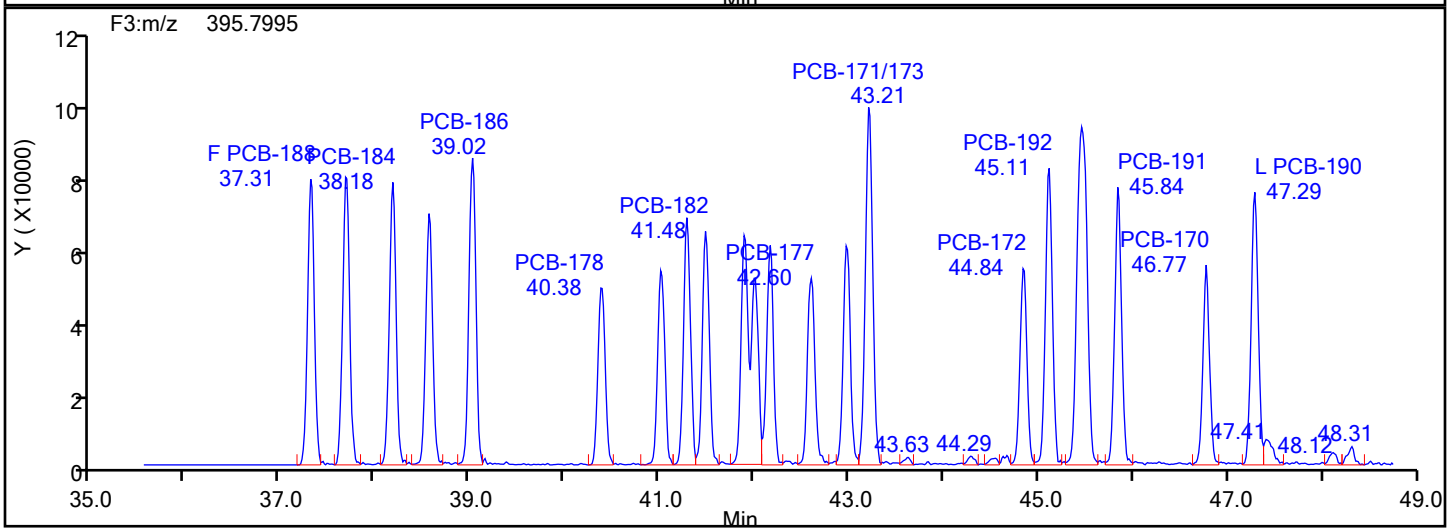
Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

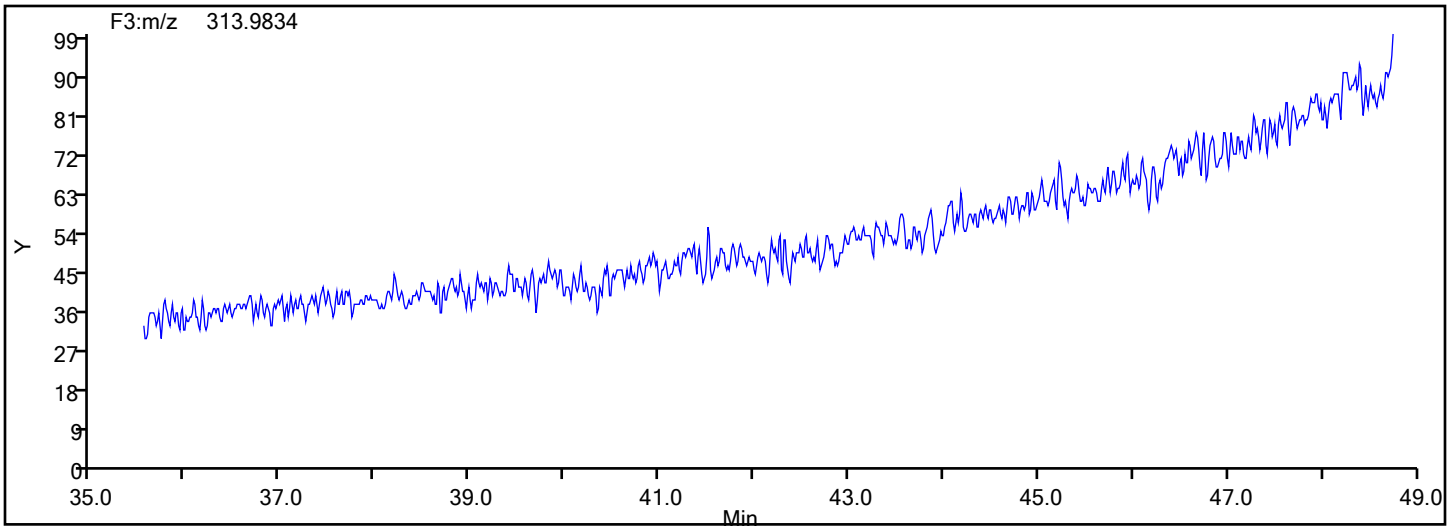
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

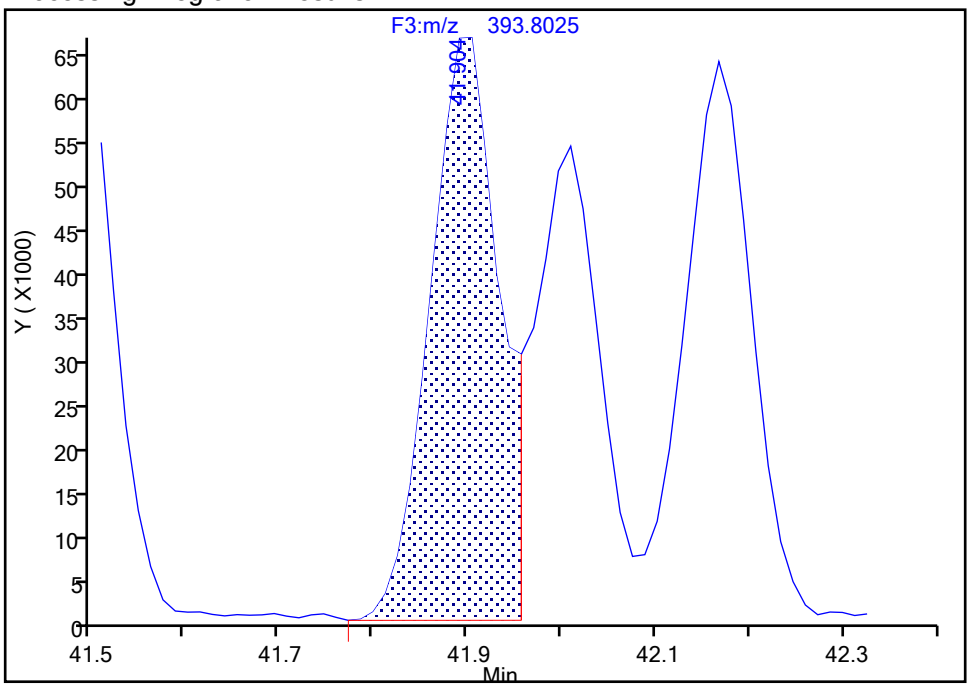
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 1

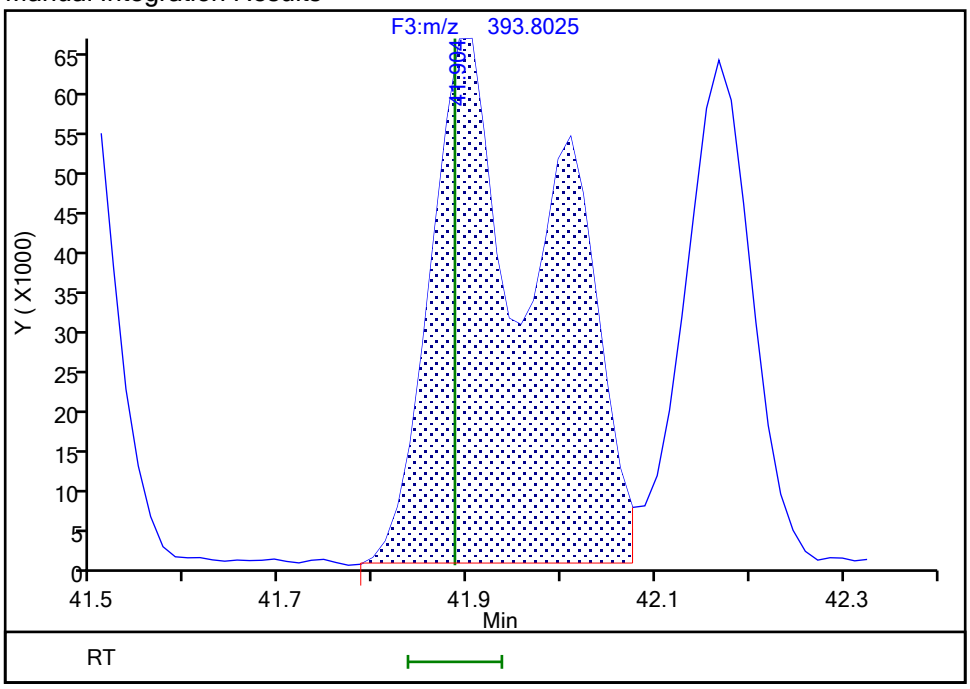
Processing Integration Results

RT: 41.90
Area: 338750
Amount: 6.085933
Amount Units: pg/ul



Manual Integration Results

RT: 41.90
Area: 584688
Amount: 9.341841
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:15:48
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

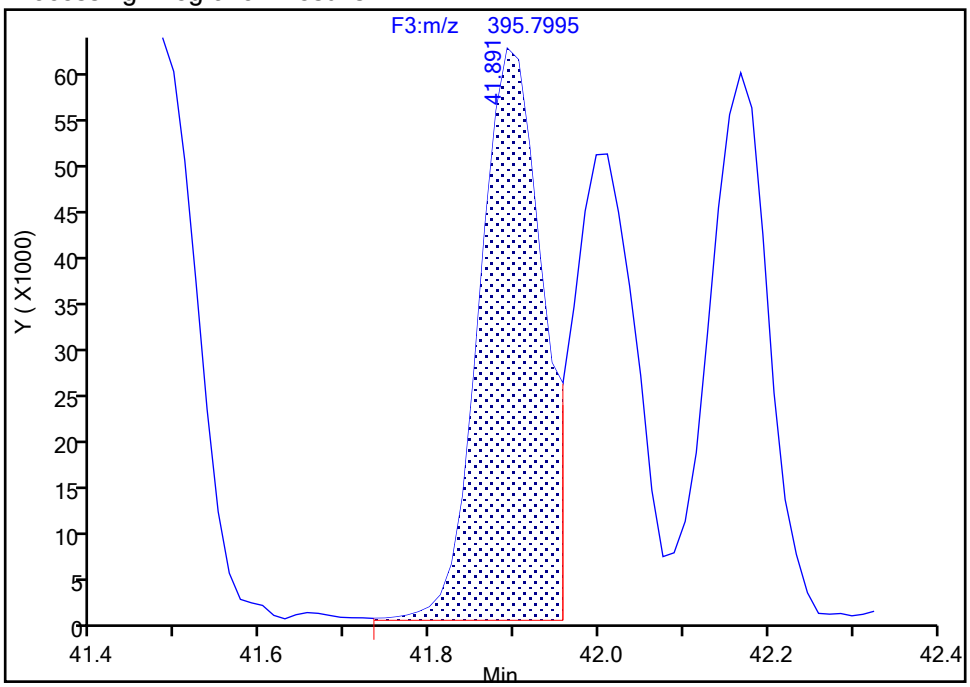
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

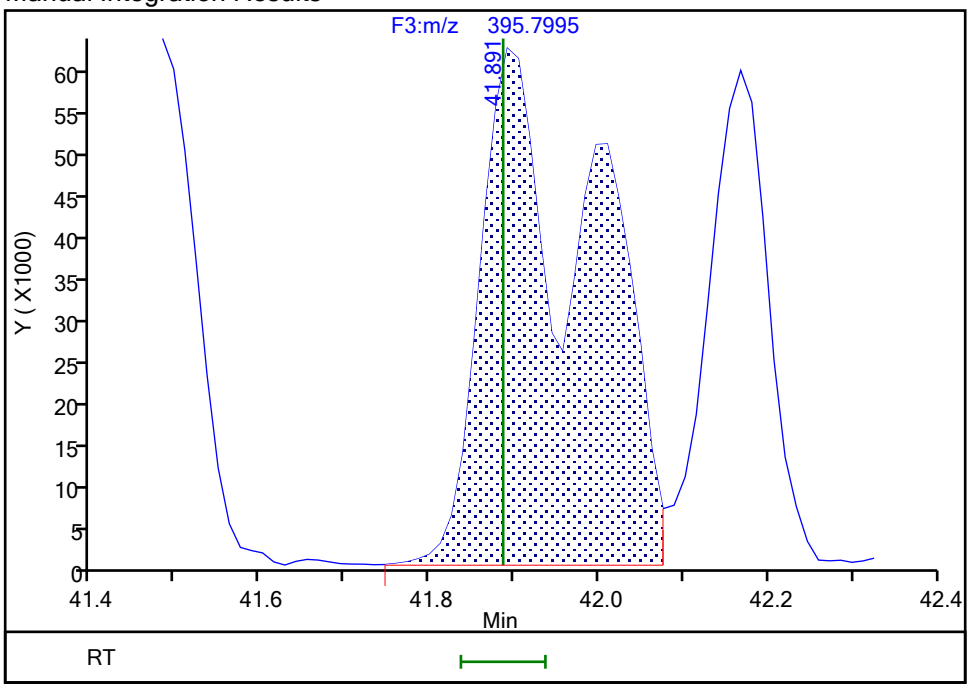
Processing Integration Results

RT: 41.89
Area: 322755
Amount: 6.085933
Amount Units: pg/ul



Manual Integration Results

RT: 41.89
Area: 572502
Amount: 9.341841
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 15:16:07
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

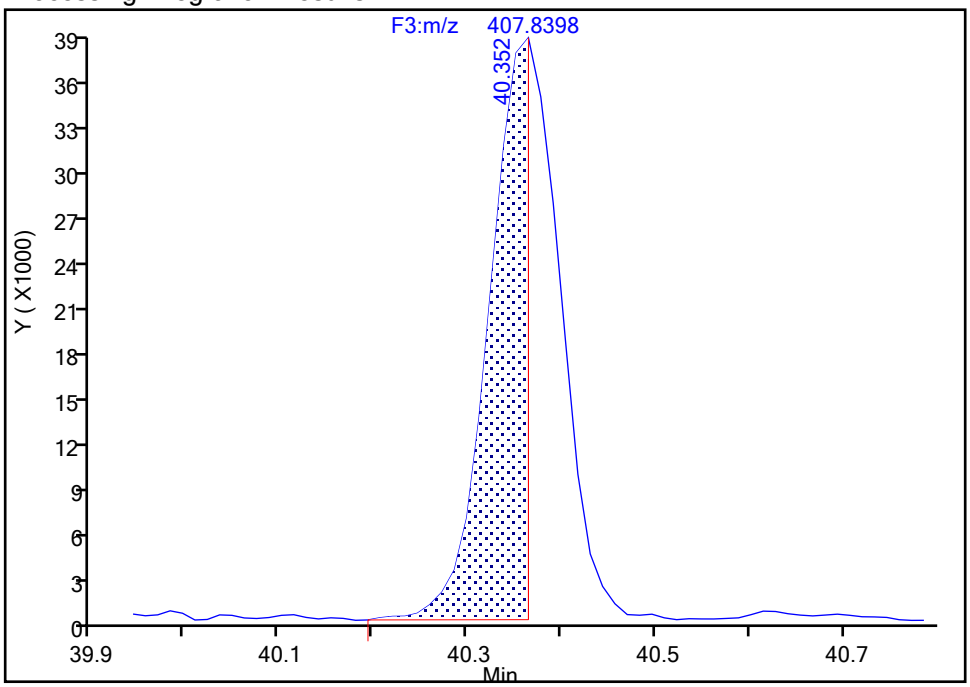
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-178L, CAS: 232919-67-4

Signal: 2

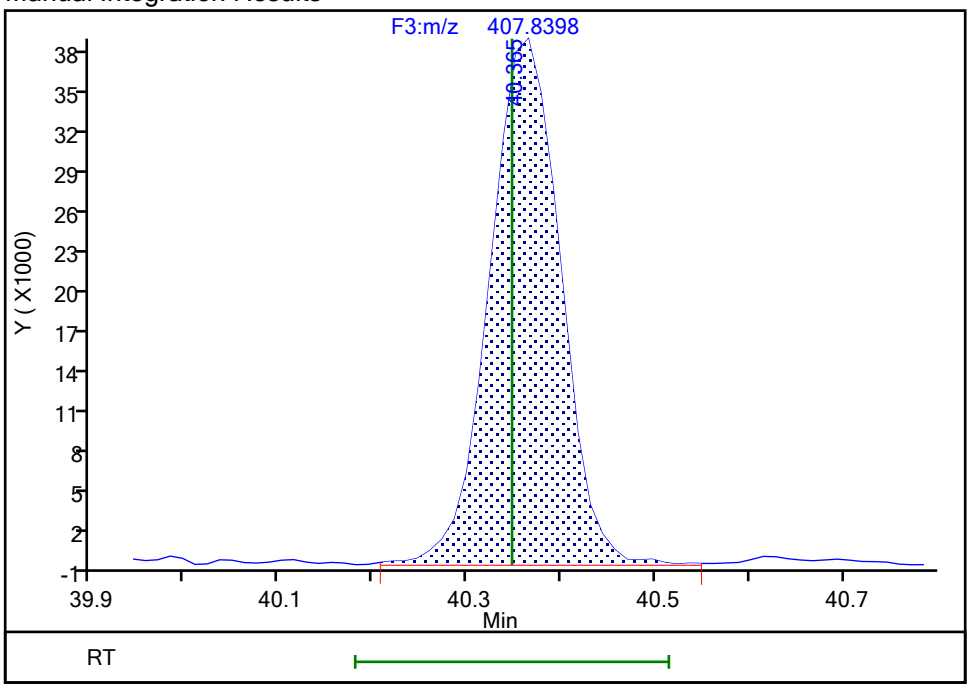
Processing Integration Results

RT: 40.35
Area: 108638
Amount: 3.525257
Amount Units: pg/ul



Manual Integration Results

RT: 40.36
Area: 203635
Amount: 4.247550
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:14:58
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

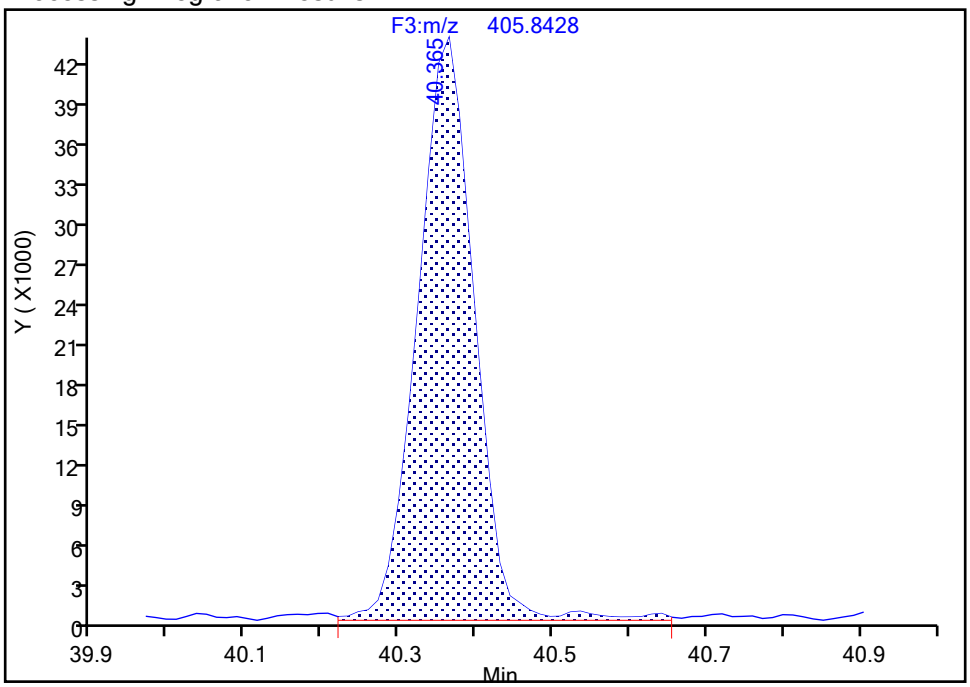
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d
Injection Date: 08-Oct-2021 13:53:00 Instrument ID: D2D
Lims ID: IC L3
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-178L, CAS: 232919-67-4

Signal: 1

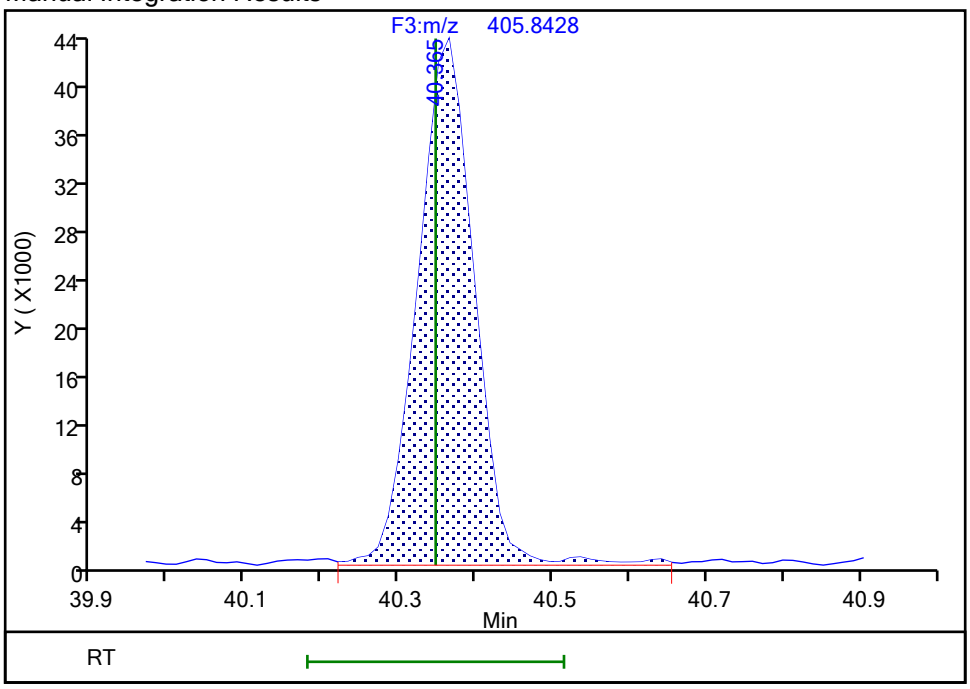
Processing Integration Results

RT: 40.36
Area: 223718
Amount: 3.525257
Amount Units: pg/ul



Manual Integration Results

RT: 40.36
Area: 223718
Amount: 4.247550
Amount Units: pg/ul



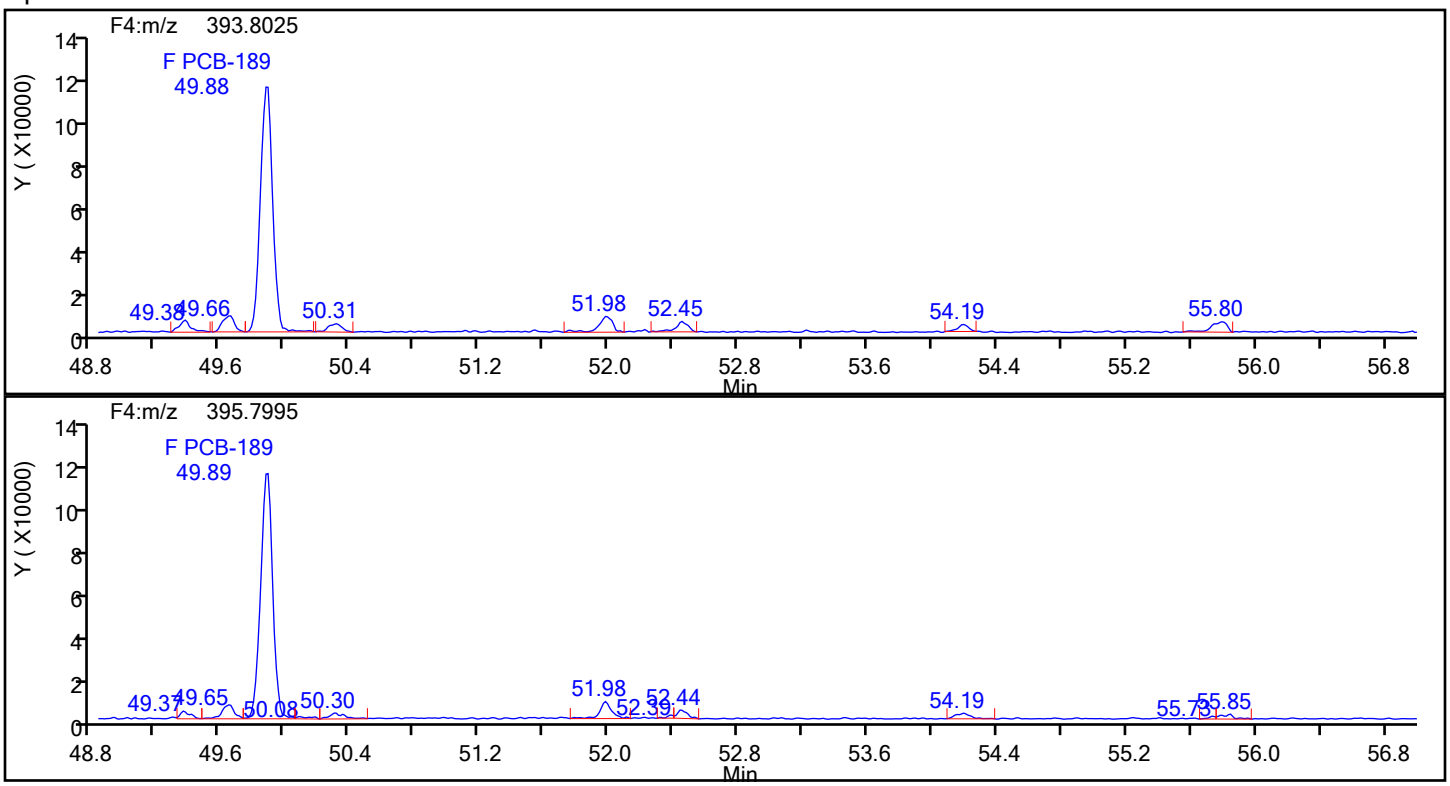
Reviewer: nordquistj, 08-Oct-2021 17:15:04
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

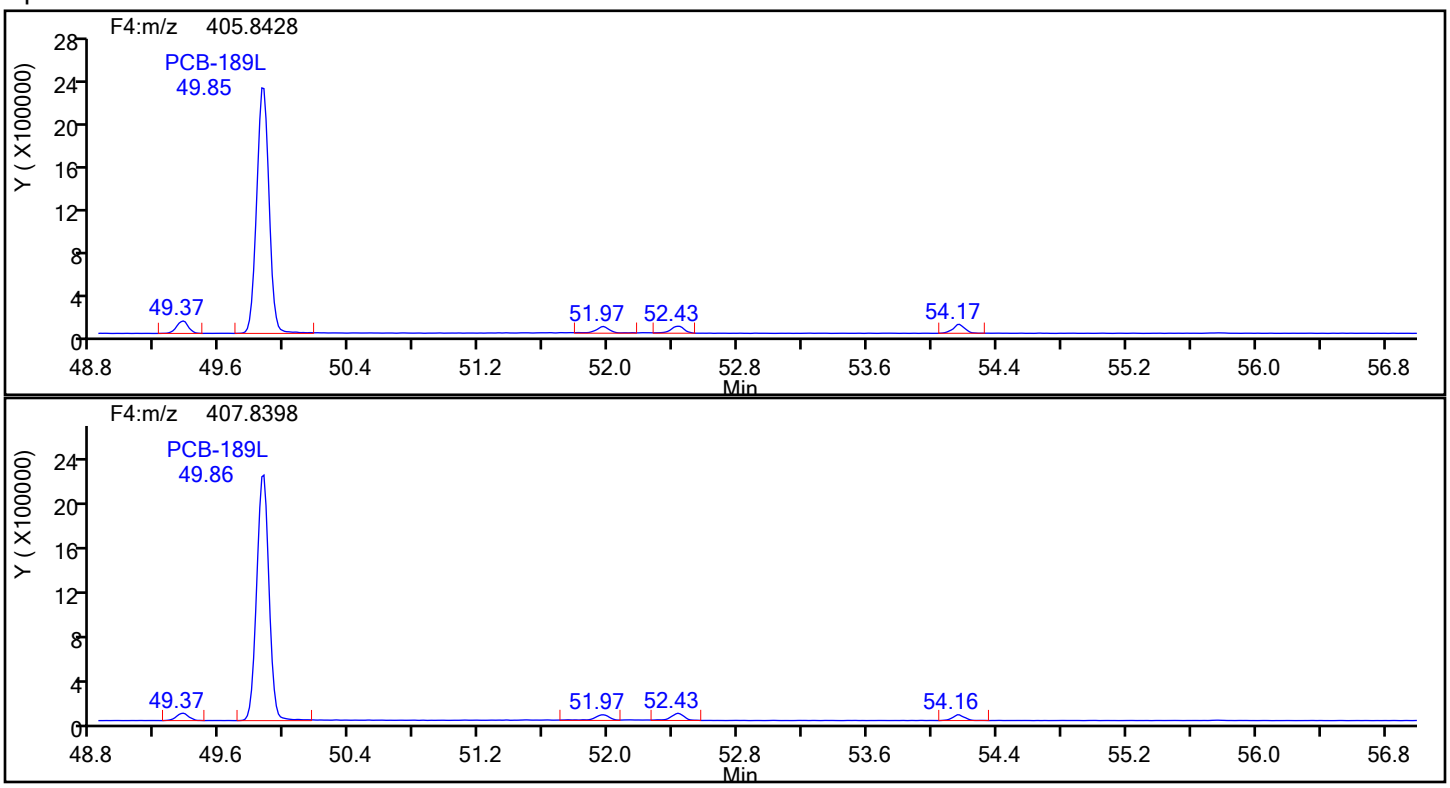
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

HpPCB F4



HpPCB F4 Standards

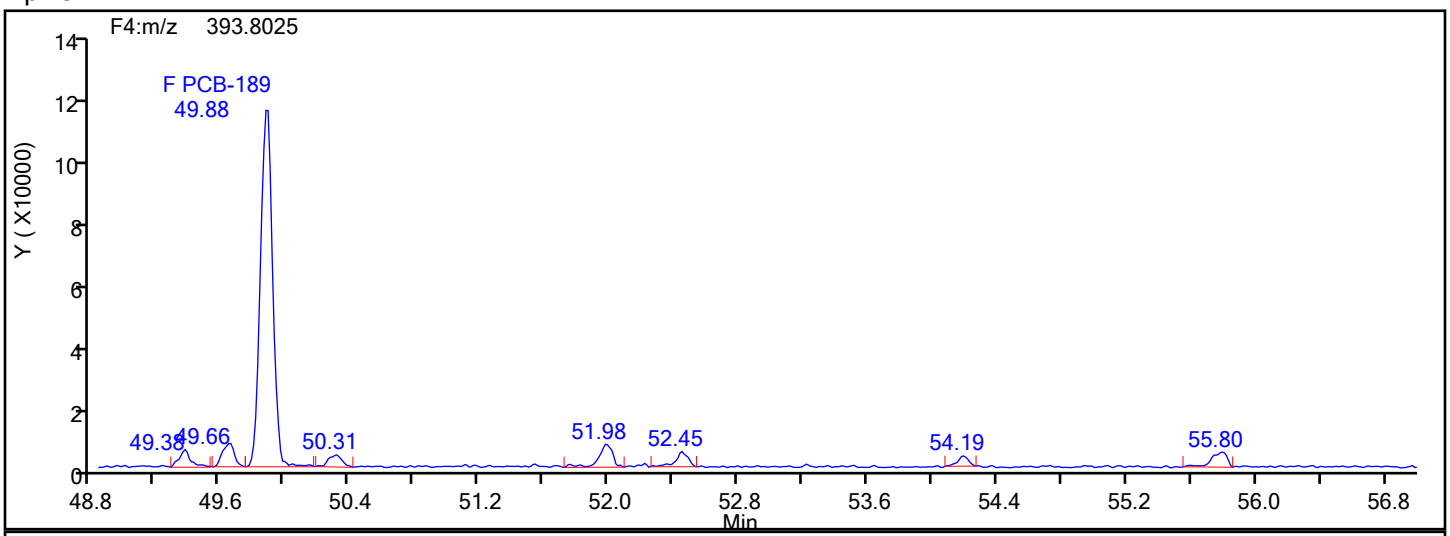


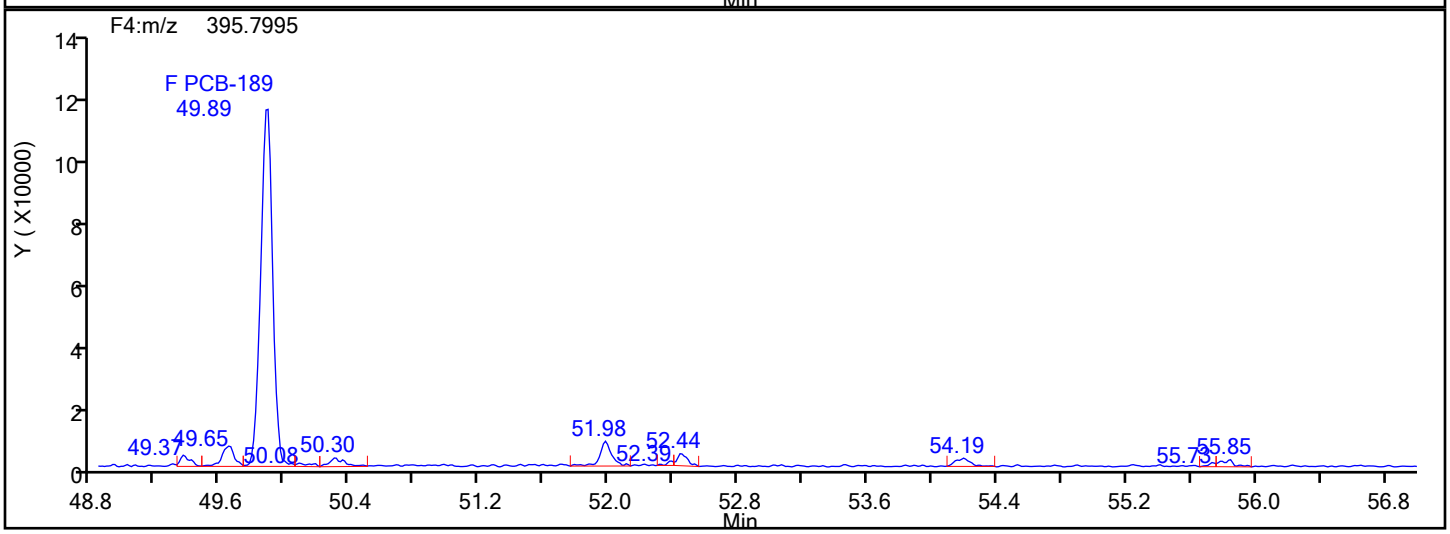
Report Date: 08-Oct-2021 19:10:55 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

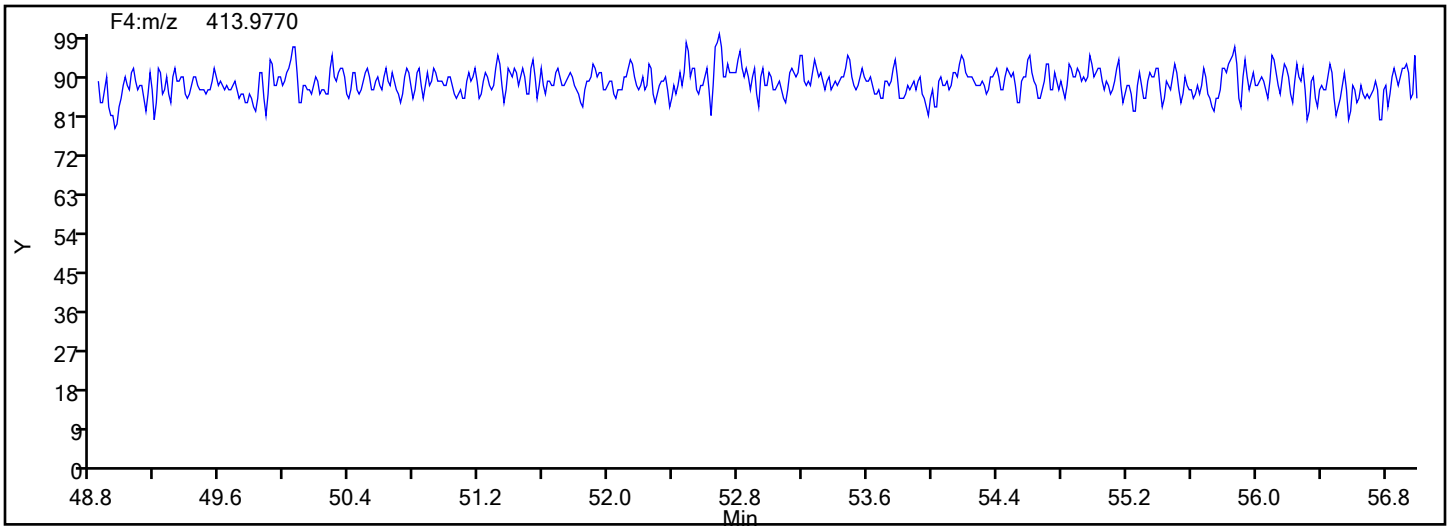
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



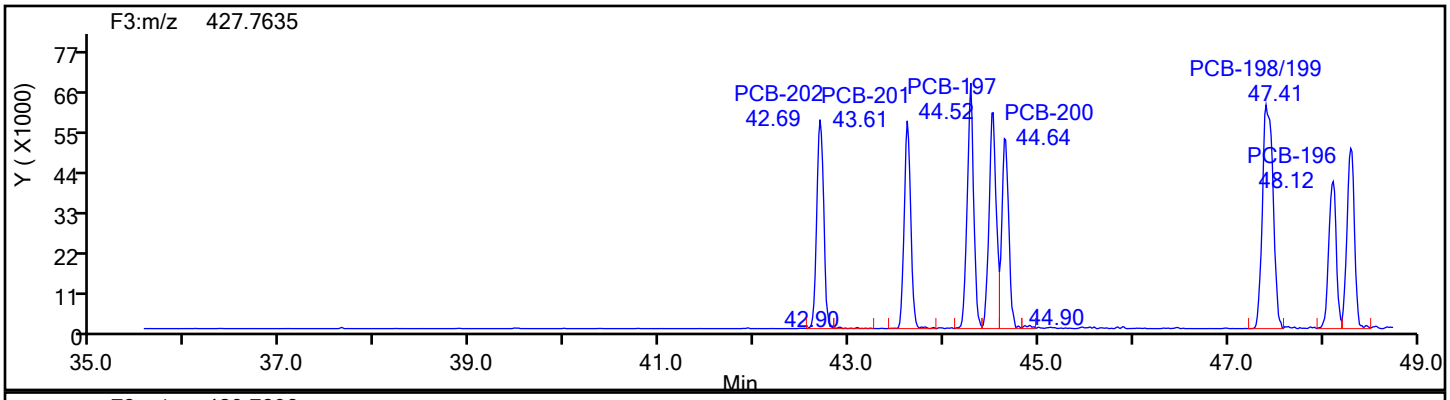
Report Date: 08-Oct-2021 19:10:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

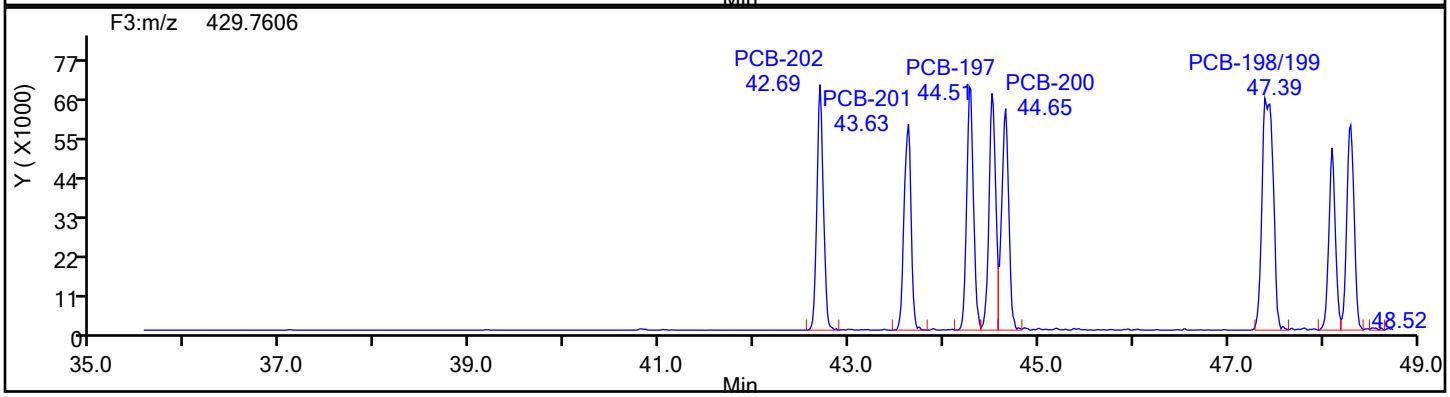
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

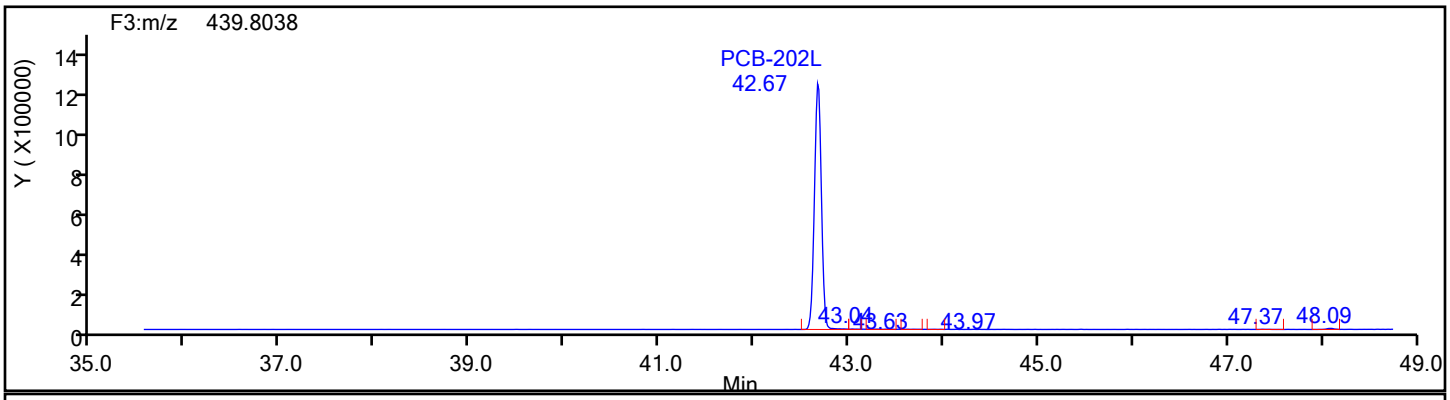
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

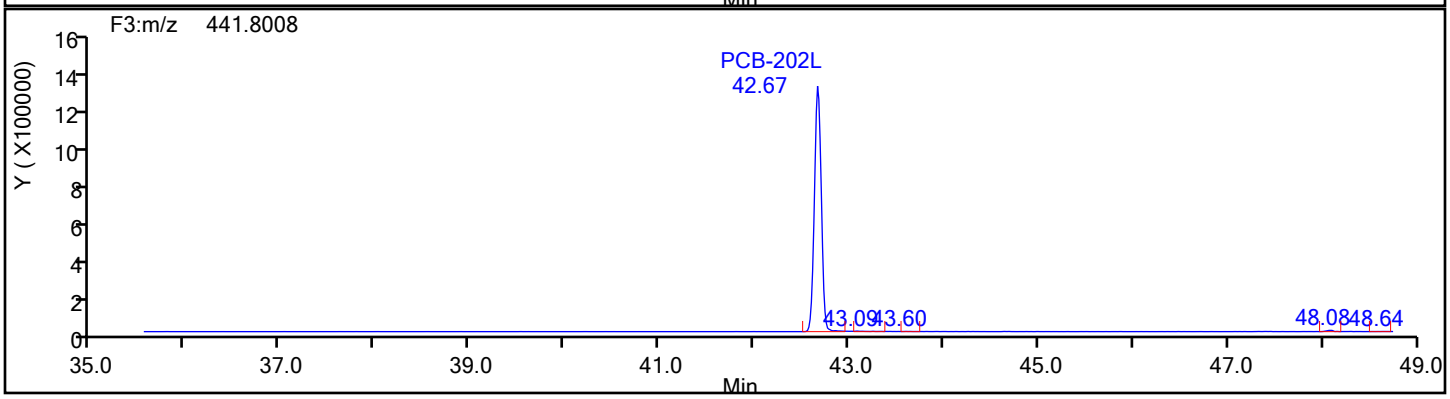
OcPCB F3





OcPCB F3 Standards



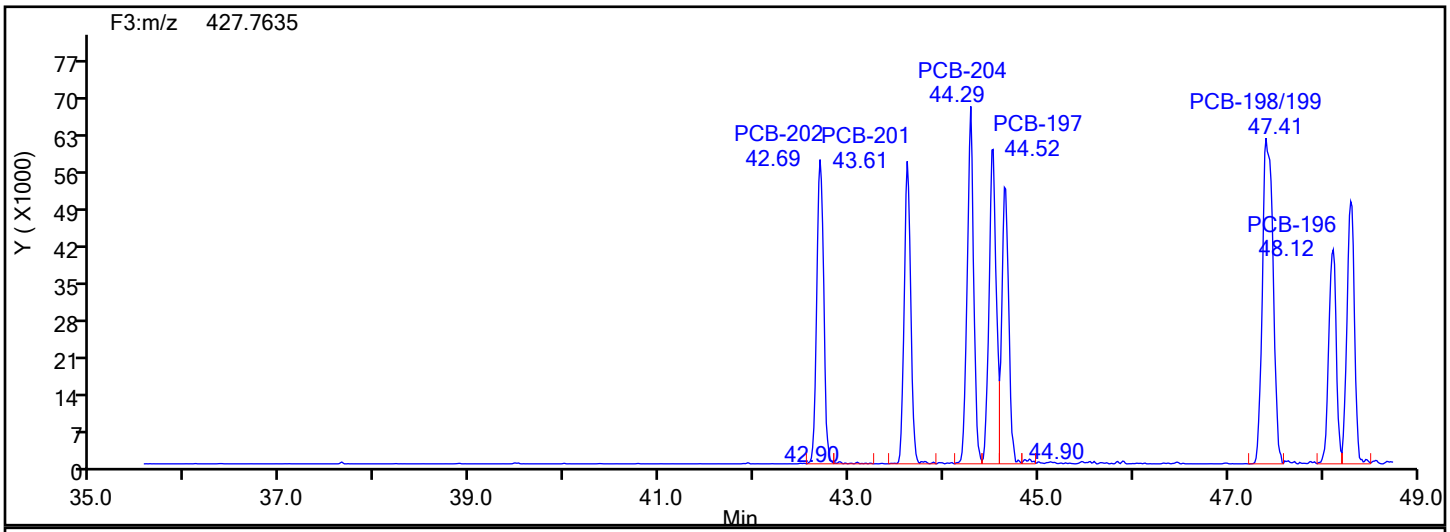


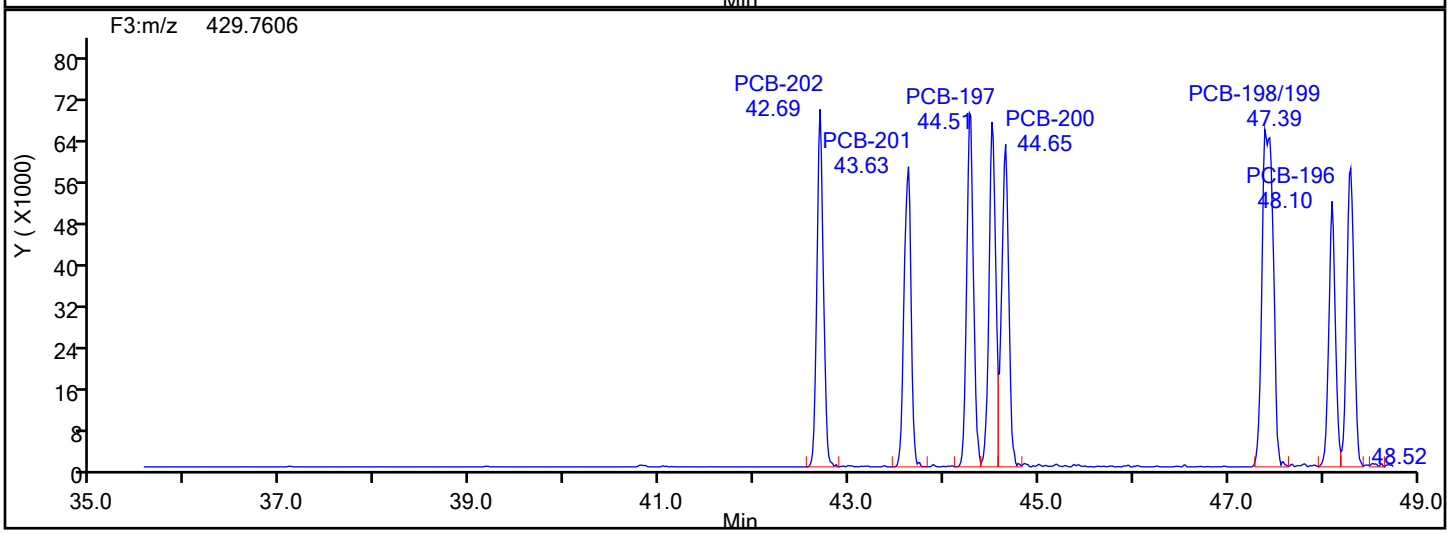
Report Date: 08-Oct-2021 19:10:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

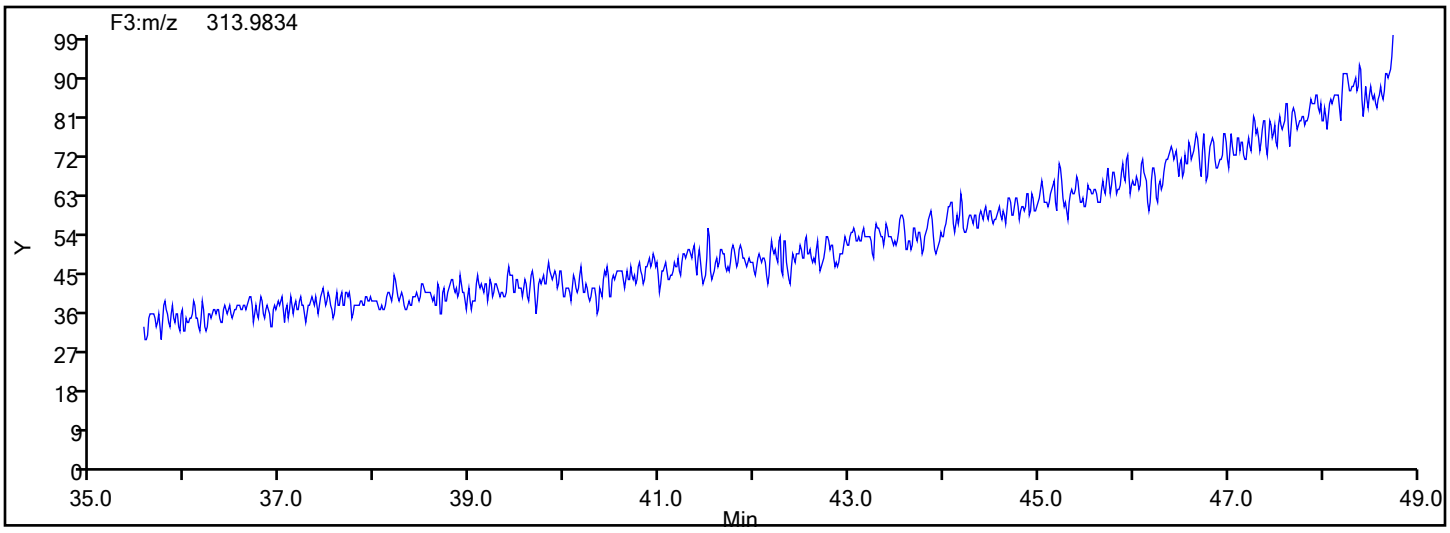
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



Report Date: 08-Oct-2021 19:10:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

Injection Date: 08-Oct-2021 13:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

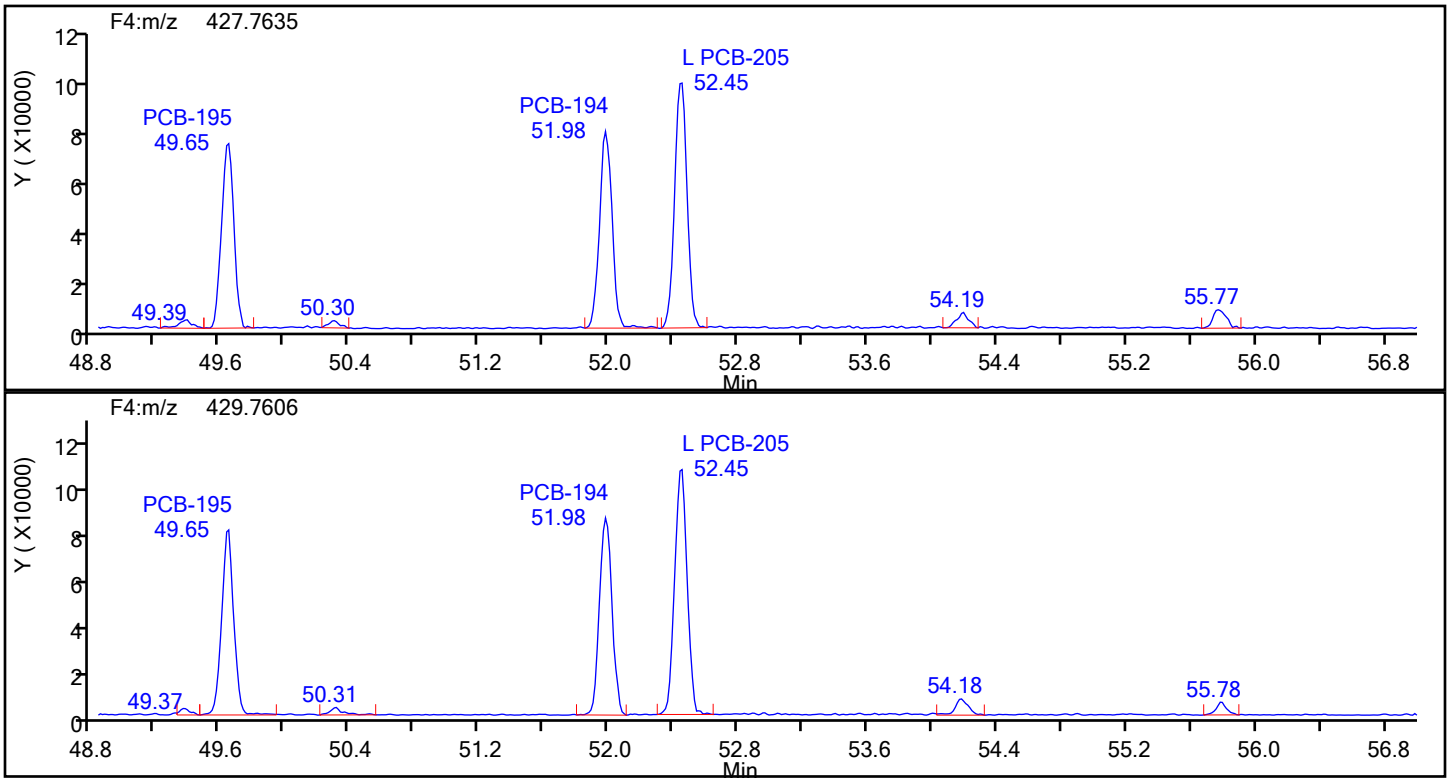
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

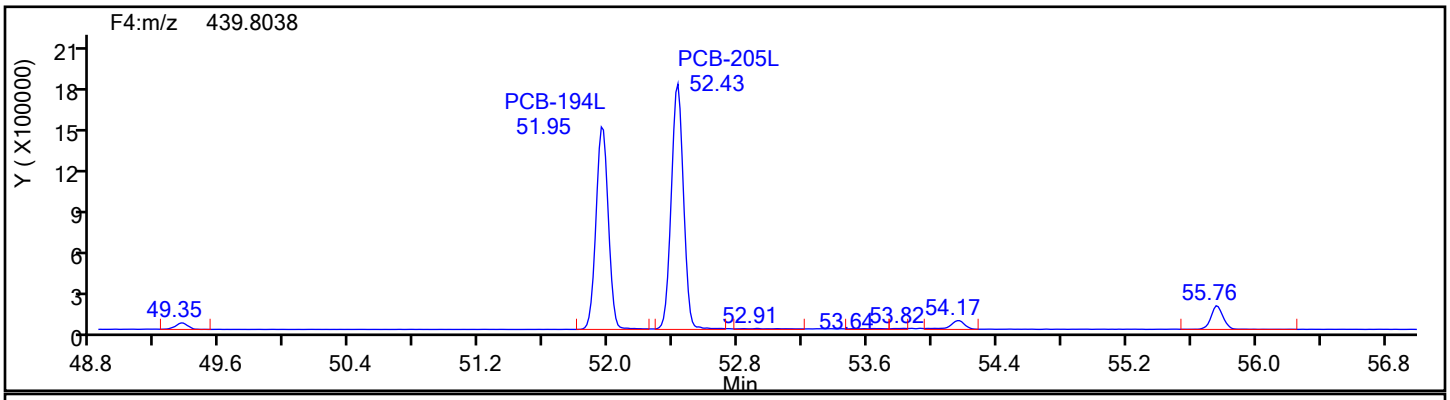
Worklist#: 54640 Sample Line#: 3

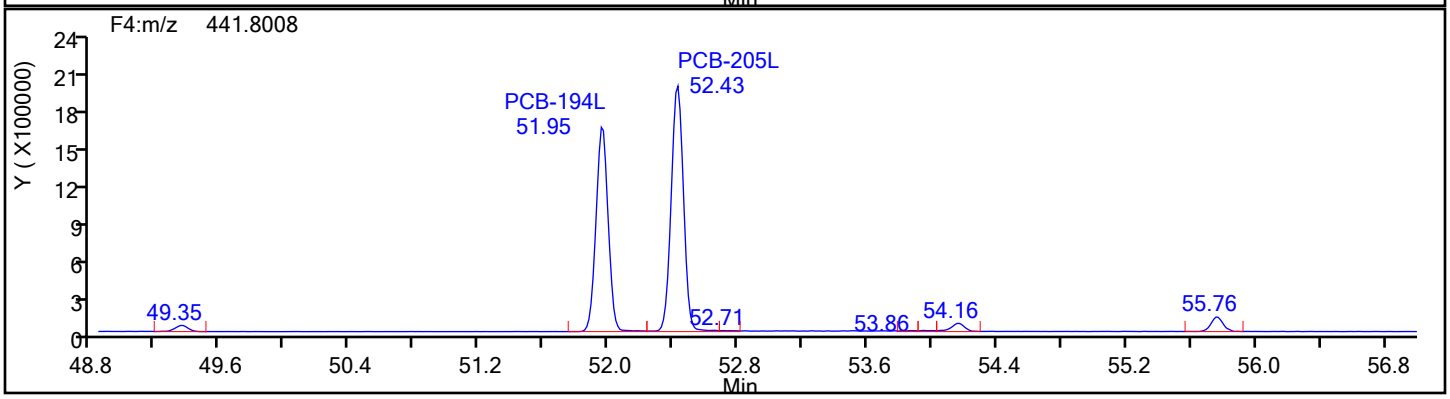
Column Type: Column Dia:

OcPCB F4



OcPCB F4 Standards



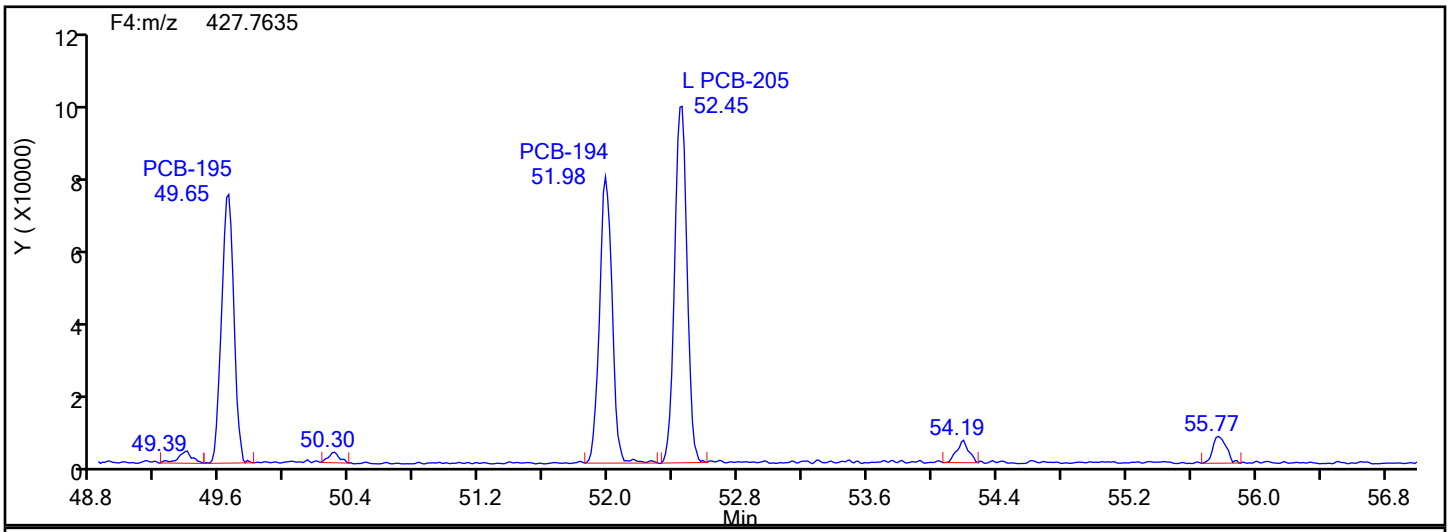


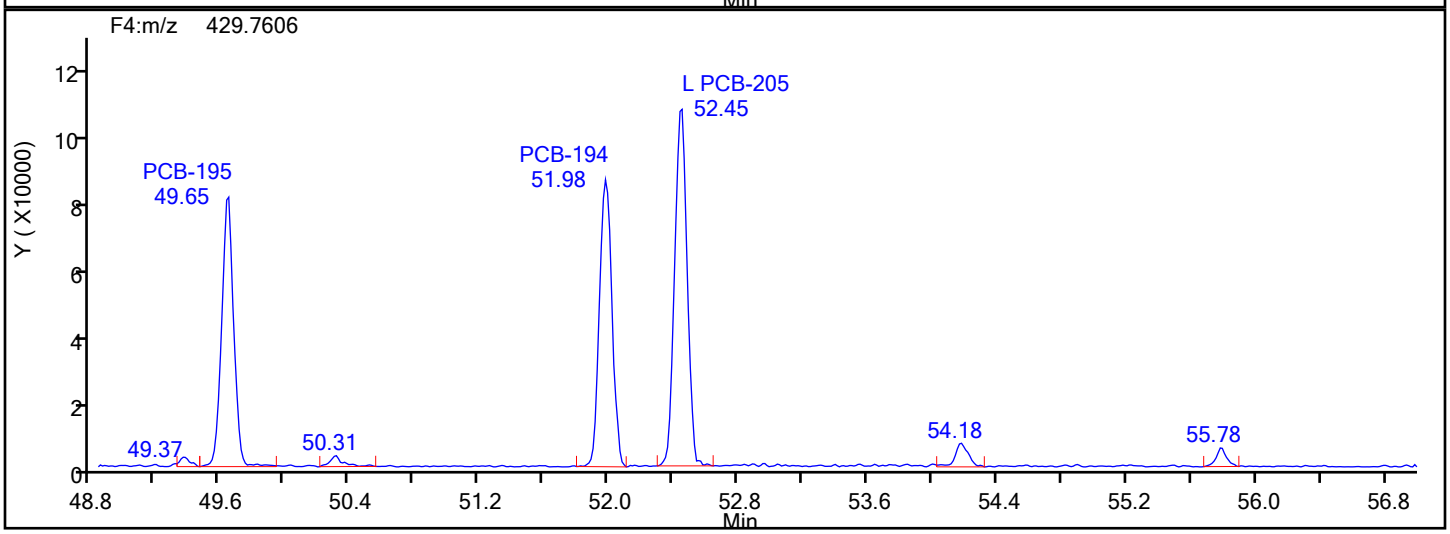
Report Date: 08-Oct-2021 19:10:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

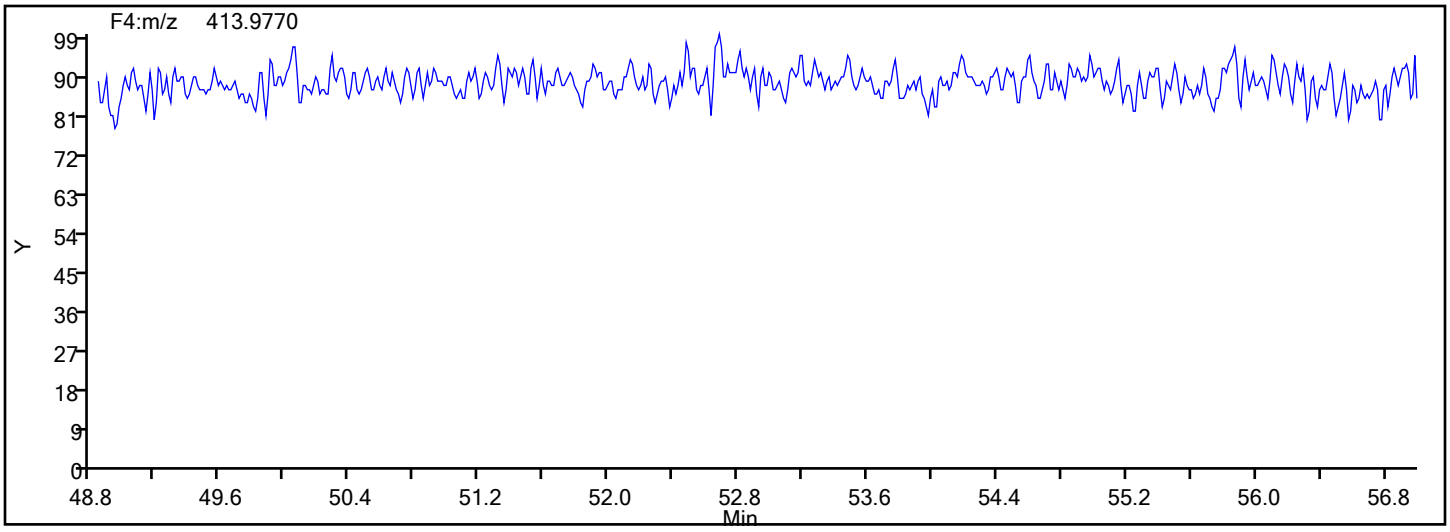
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Report Date: 08-Oct-2021 19:10:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

Injection Date: 08-Oct-2021 13:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

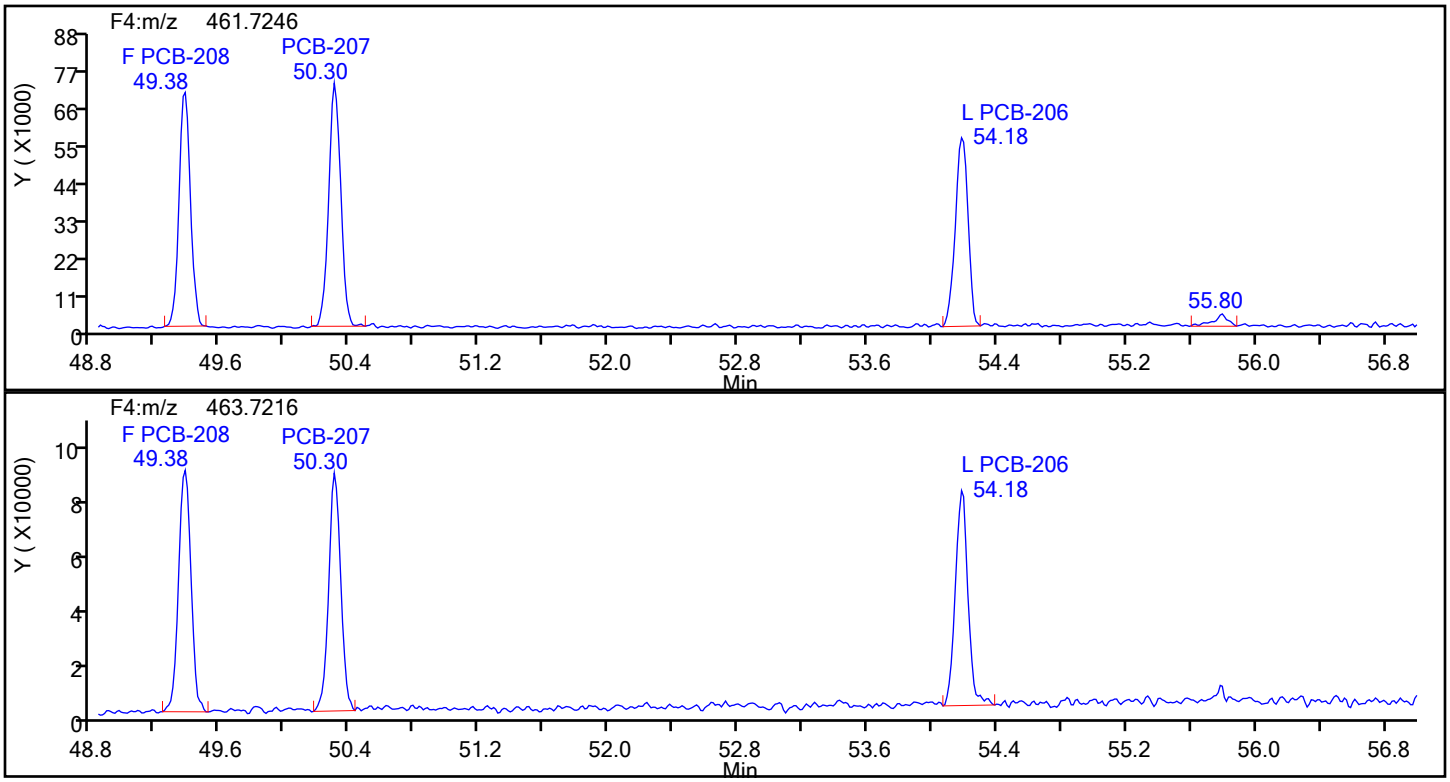
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

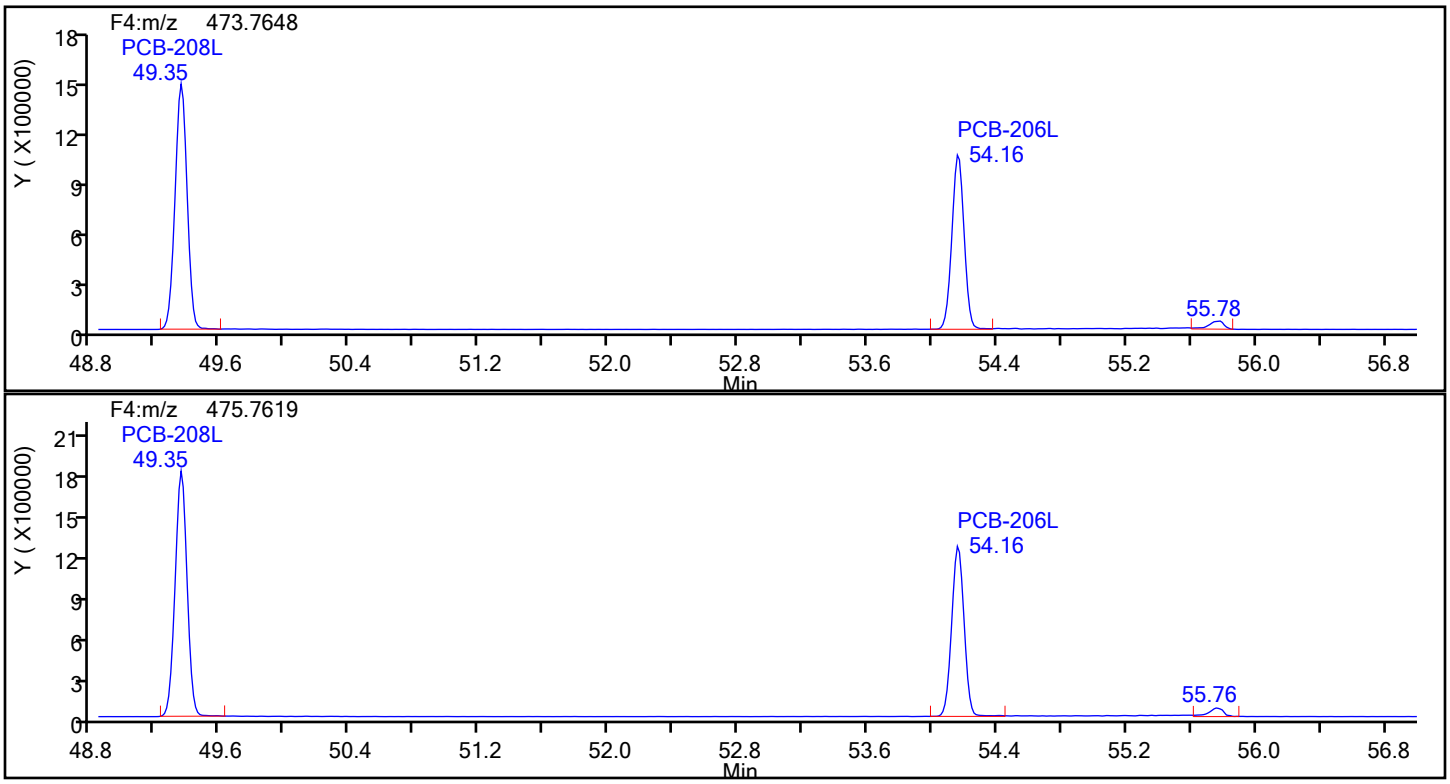
Worklist#: 54640 Sample Line#: 3

Column Type: Column Dia:

NoPCB F4



NoPCB F4 Standards

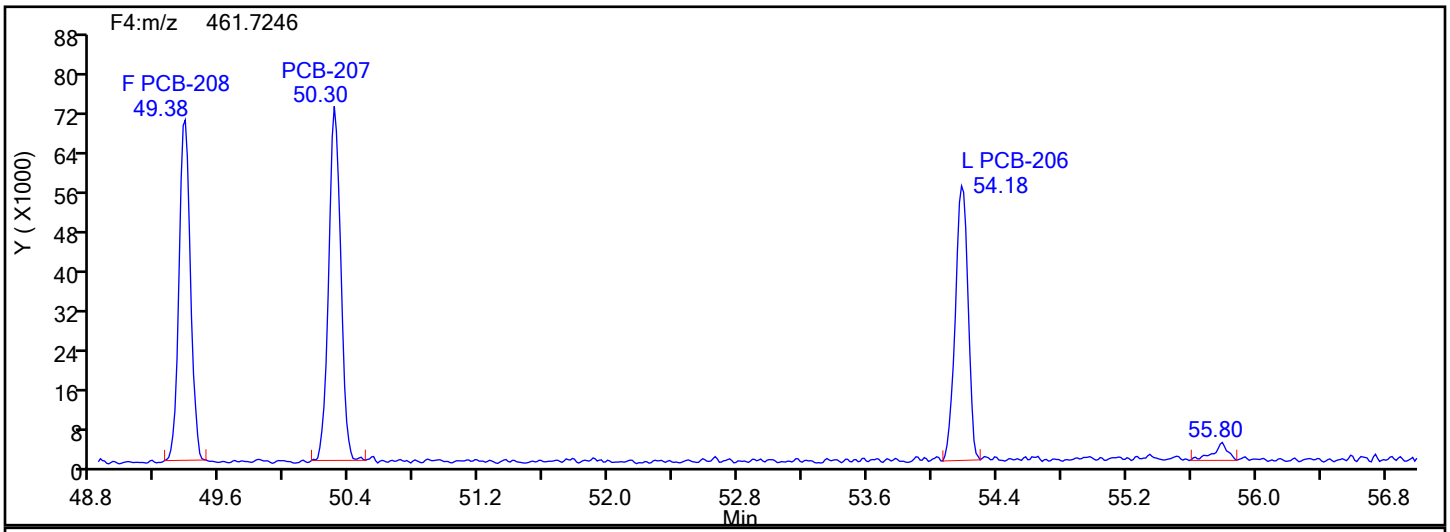


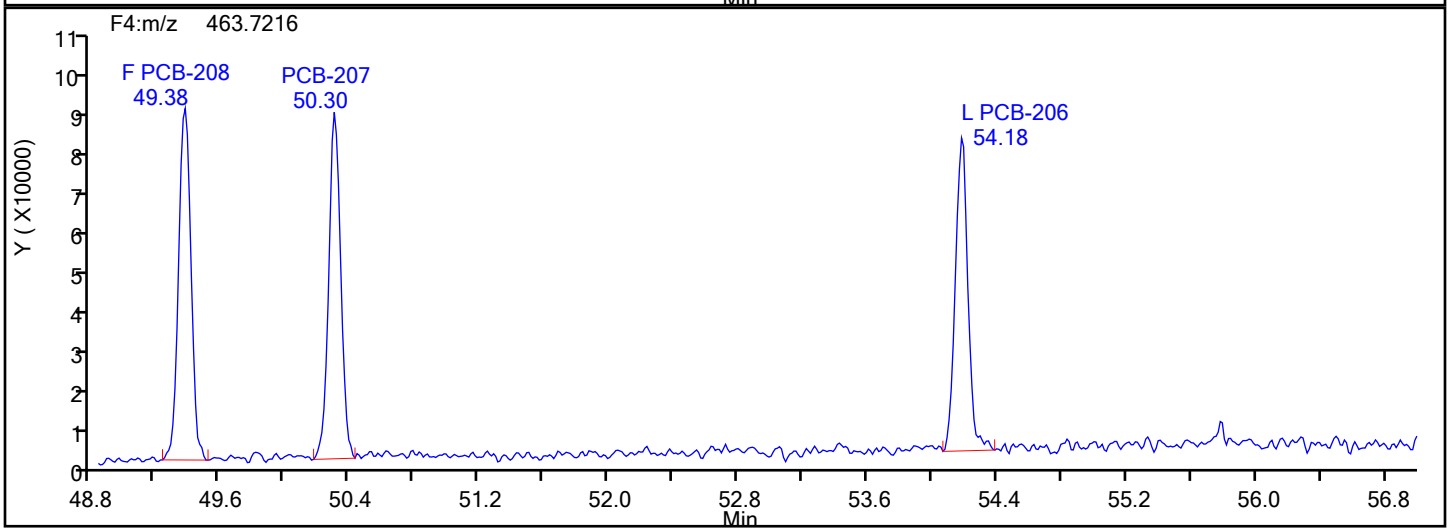
Report Date: 08-Oct-2021 19:10:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

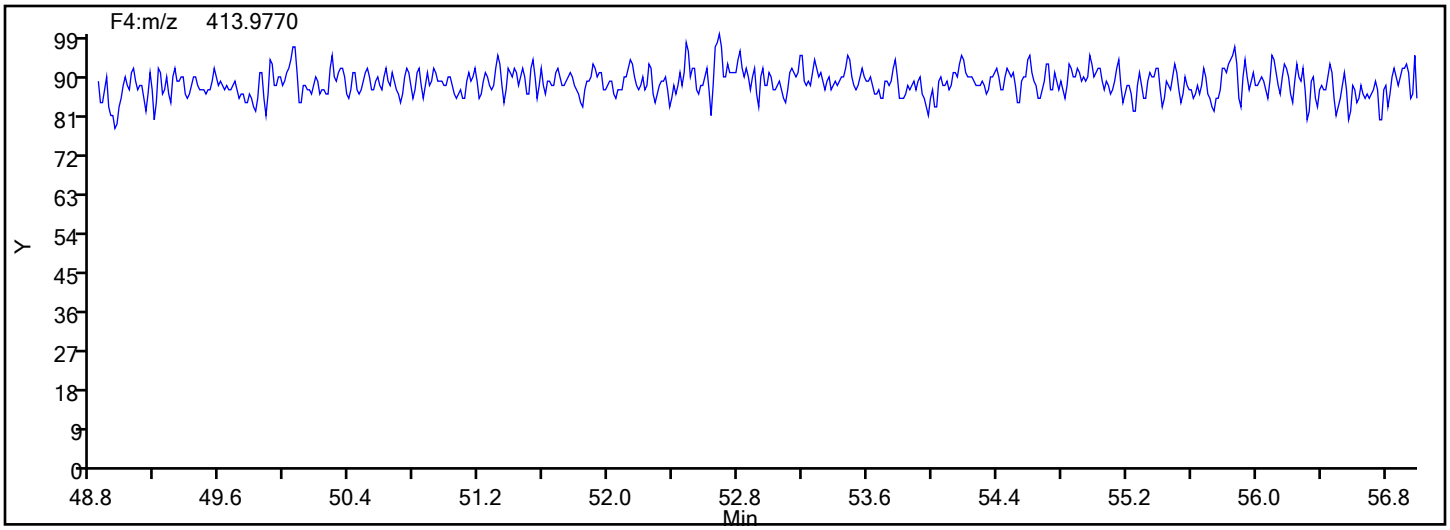
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



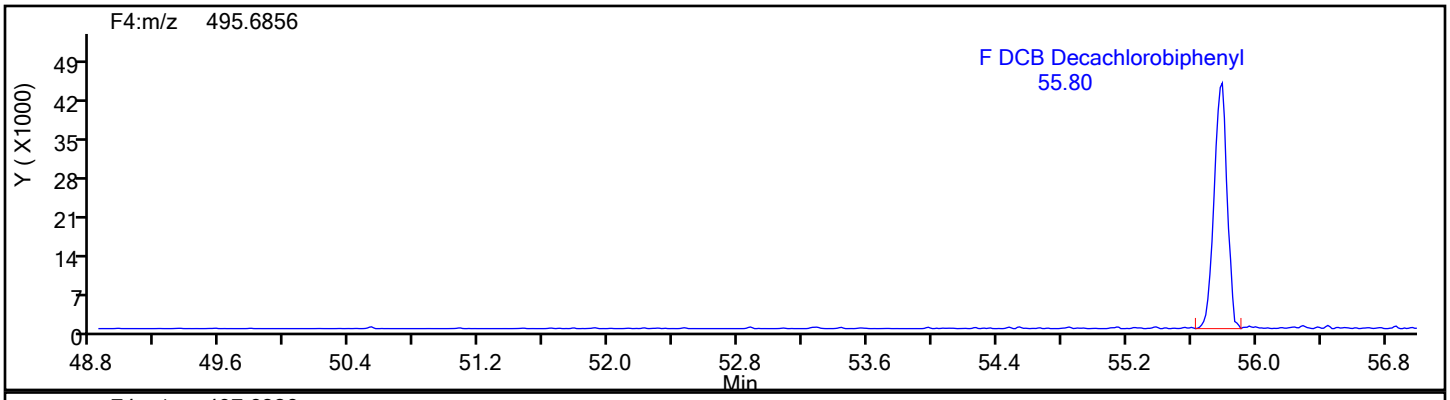
Report Date: 08-Oct-2021 19:10:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

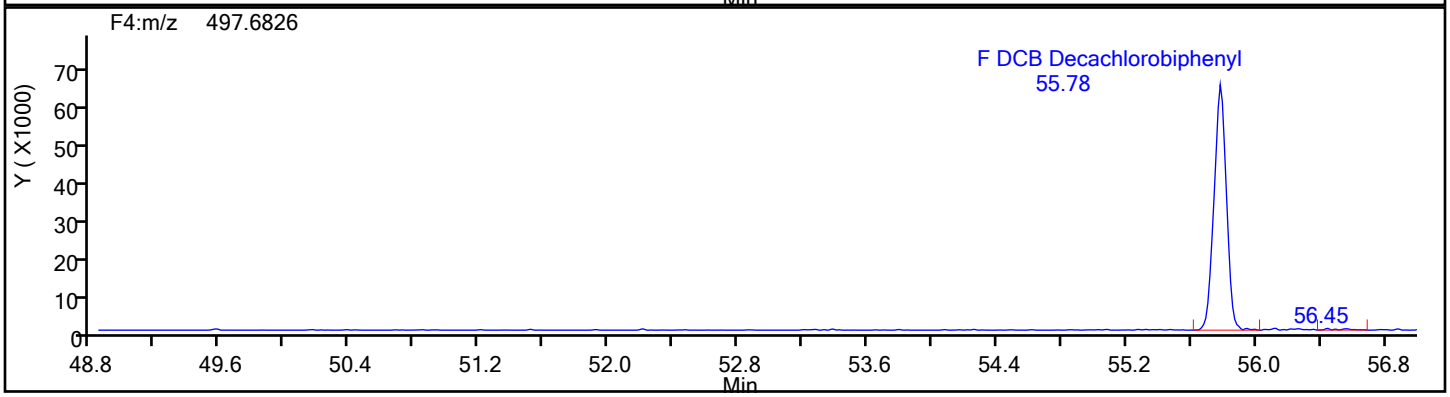
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d

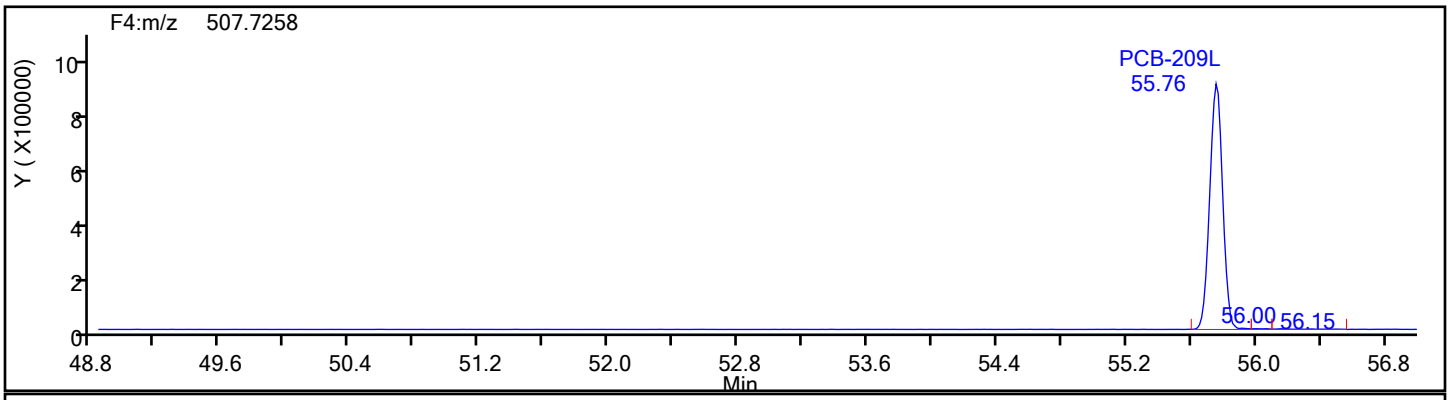
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

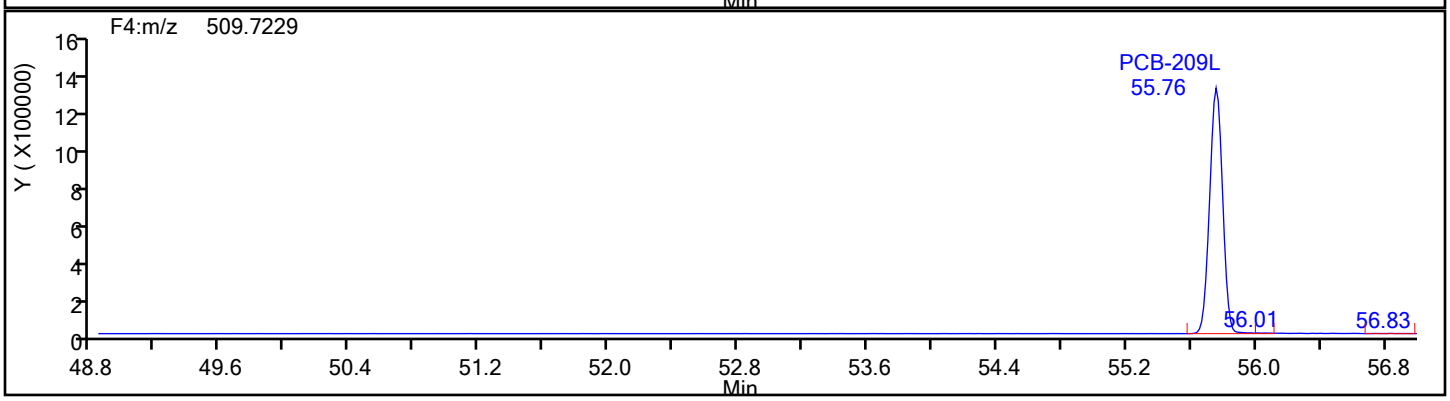
DePCB F4





DePCB F4 Standards



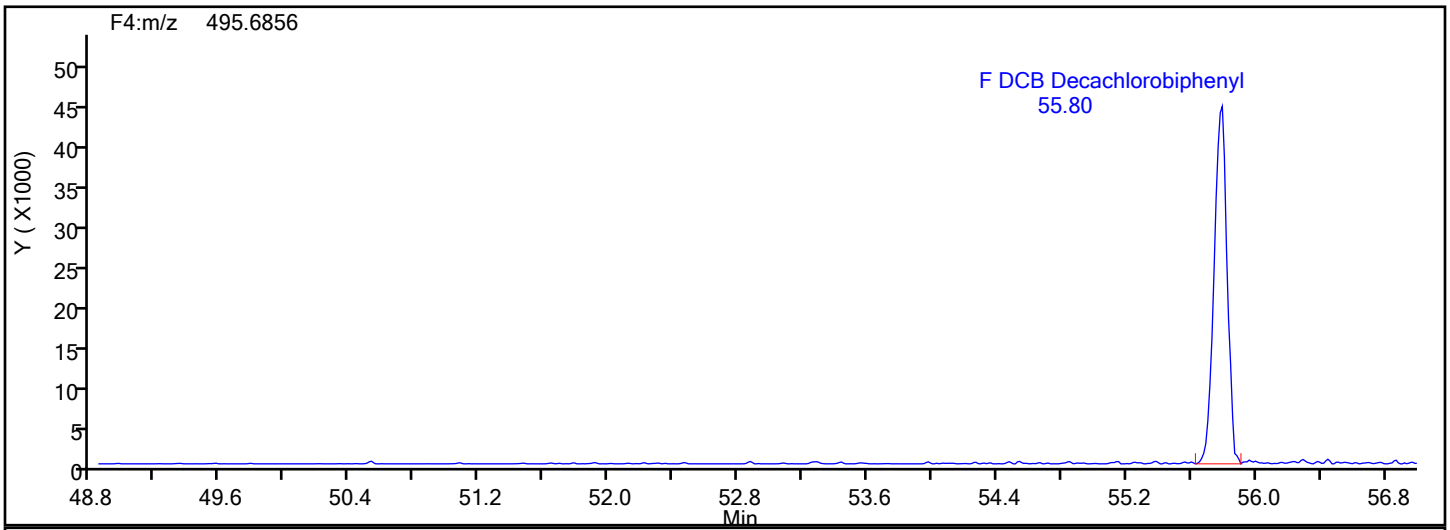


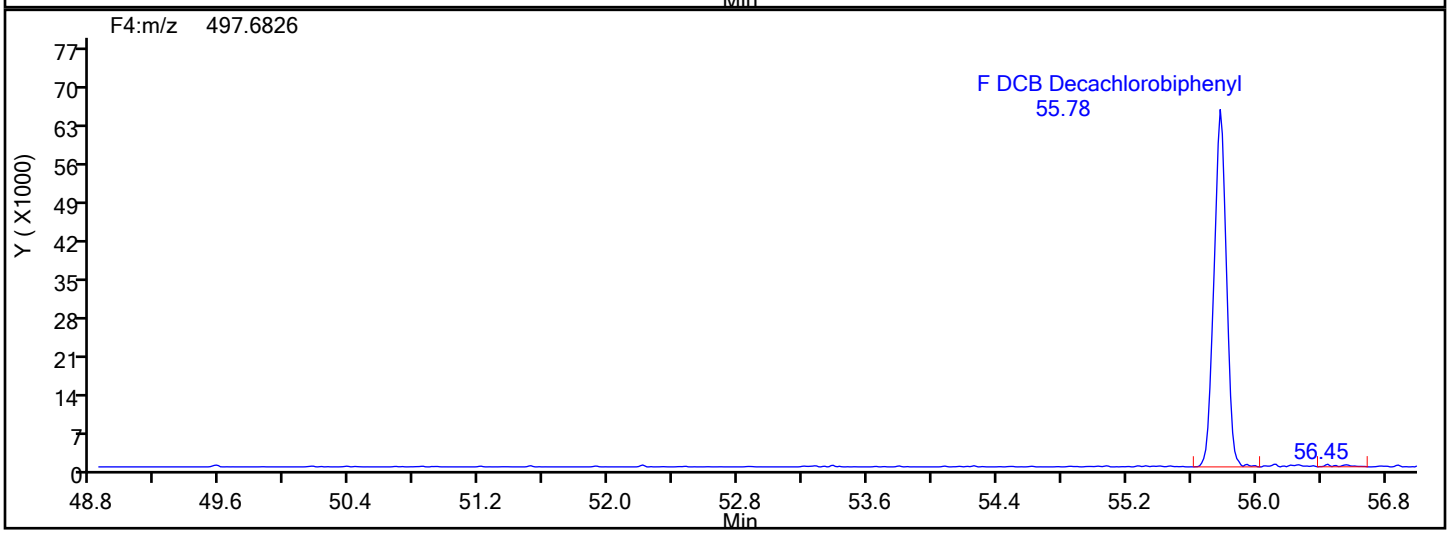
Report Date: 08-Oct-2021 19:10:56 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

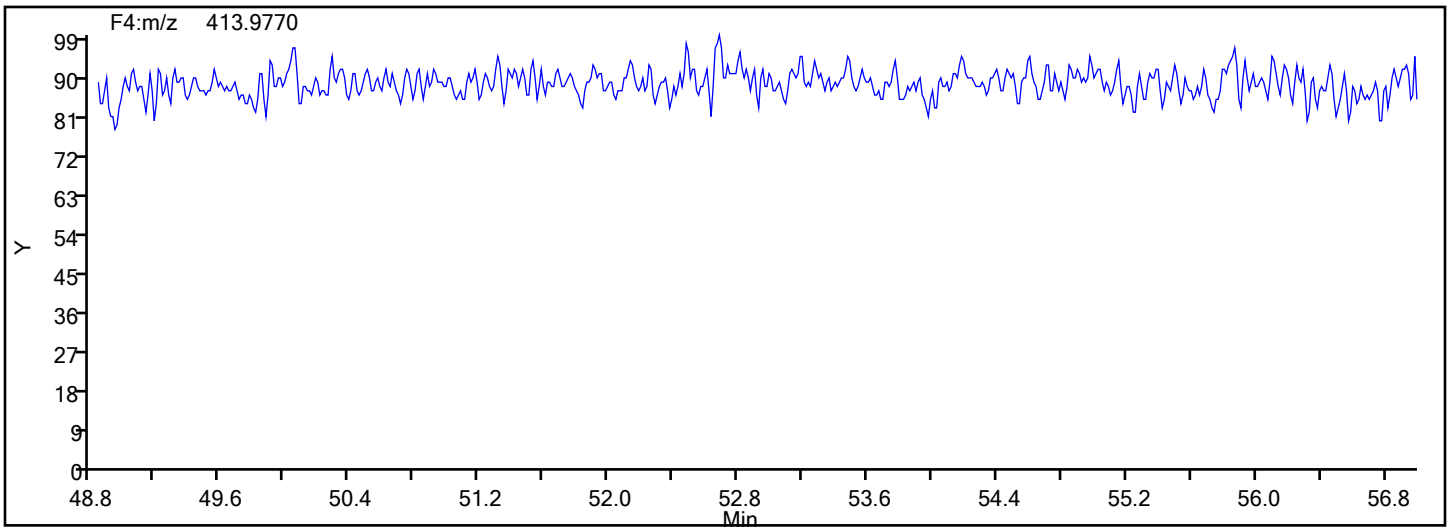
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic3.d		
Injection Date:	08-Oct-2021 13:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	3
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Lims ID: IC L4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Oct-2021 14:53:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-004
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:11:07 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 16:16:36

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					147.0	147.0	0.1245	0.1245		
D PCB-1L	11:48	27085971	3.18	1.3572	98.9	98.9	0.2054	0.2054	98.90	
D PCB-3L	13:58	27981285	3.22	1.4136	98.1	98.1	0.1972	0.1972	98.09	
PCB-1	11:49	16154713	3.09	1.2253	48.7	48.7	0.1176	0.1176	97.36	
PCB-2	13:48	17072513	3.20	1.2638	49.1	49.1	0.1219	0.1219	98.12	
PCB-3	13:58	17018015	3.12	1.2343	49.3	49.3	0.1340	0.1340	98.55	
S Total Dichlorobiphenyls					595.4	595.4	0.0144	0.0144		
D PCB-4L	14:13	12271526	1.57	0.6168	98.6	98.6	0.0783	0.0783	98.59	
* PCB-9L	16:10	20178508	1.61	2E+05	100.0	100.0				
$ PCB-8L	17:01	9532281	1.61	1.0903	51.2	51.2	0.0556	0.0556	102	
D PCB-15L	20:06	21888853	1.62	1.1198	96.9	96.9	0.0431	0.0431	96.87	
PCB-4	14:14	7728138	1.57	1.2801	49.2	49.2	0.0170	0.0170	98.40	
PCB-10	14:24	9891385	1.57	1.1542	50.2	50.2	0.0162	0.0162	100	
PCB-9	16:11	11704079	1.59	1.3642	50.2	50.2	0.0137	0.0137	100	
PCB-7	16:21	10637875	1.58	1.2485	49.9	49.9	0.0150	0.0150	99.77	
PCB-6	16:36	12672826	1.59	1.4961	49.6	49.6	0.0125	0.0125	99.19	
PCB-5	16:55	10324684	1.59	1.2206	49.5	49.5	0.0153	0.0153	99.05	
PCB-8	17:02	12873796	1.59	1.5207	49.6	49.6	0.0123	0.0123	99.13	
PCB-14	18:39	10866180	1.62	1.2864	49.5	49.5	0.0146	0.0146	98.91	
PCB-11	19:30	11867491	1.60	1.4418	48.2	48.2	0.0130	0.0130	96.38	
PCB-12	19:48	22067419	1.59	1.2960	99.7	99.7	0.0144	0.0144	99.69	
PCB-13 (C12)	19:48	22067419	1.59	1.2960	99.7	99.7	0.0144	0.0144	99.69	
PCB-15	20:08	12438730	1.56	1.1378	49.9	49.9	0.0145	0.0145	99.89	
S Total Trichlorobiphenyls					1195.4	1195.4	0.2220	0.2220		
D PCB-19L	17:20	8452672	1.09	0.6075	100.8	100.8	0.3020	0.3020	101	
* PCB-32L	20:35	13798869	1.06	1.4E+05	100.0	100.0				
* PCB-31L	22:50	30793255	1.06	3.1E+05	100.0	100.0				
$ PCB-28L	23:08	14918558	1.06	0.9882	49.0	49.0	0.1001	0.1001	98.05	
D PCB-37L	27:10	27183331	1.06	0.8960	98.5	98.5	0.1104	0.1104	98.53	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-19	17:21	5372917	1.07	1.2904	49.3	49.3	0.0182	0.0182	98.52	
PCB-18	19:08	14761584	1.08	1.8076	96.6	96.6	0.0130	0.0130	96.61	M
PCB-30 (C18)	19:08	14761584	1.08	1.8076	96.6	96.6	0.0130	0.0130	96.61	M
PCB-17	19:37	5058953	1.08	1.2151	49.3	49.3	0.0194	0.0194	98.51	
PCB-27	19:51	7192733	1.05	1.7146	49.6	49.6	0.0137	0.0137	99.26	
PCB-24	19:58	7487141	1.06	1.7741	49.9	49.9	0.0133	0.0133	99.85	
PCB-16	20:06	5040298	1.07	1.2003	49.7	49.7	0.0196	0.0196	99.36	
PCB-32	20:36	8141229	1.06	1.9703	48.9	48.9	0.0119	0.0119	97.77	
PCB-34	21:51	13727199	1.06	1.0089	50.1	50.1	0.3767	0.3767	100	
PCB-23	21:59	14139886	1.05	1.0329	50.4	50.4	0.3679	0.3679	101	
PCB-26	22:18	28534547	1.05	1.0037	104.6	104.6	0.3786	0.3786	105	
PCB-29 (C26)	22:18	28534547	1.05	1.0037	104.6	104.6	0.3786	0.3786	105	
PCB-25	22:32	17748844	1.05	1.2995	50.2	50.2	0.2924	0.2924	100	
PCB-31	22:51	16789307	1.04	1.2369	49.9	49.9	0.3072	0.3072	99.87	
PCB-20	23:10	30156991	1.06	1.1096	100.0	100.0	0.3425	0.3425	99.98	
PCB-28 (C20)	23:10	30156991	1.06	1.1096	100.0	100.0	0.3425	0.3425	99.98	
PCB-21	23:20	30809022	1.07	1.1245	100.8	100.8	0.3379	0.3379	101	M
PCB-33 (C21)	23:20	30809022	1.07	1.1245	100.8	100.8	0.3379	0.3379	101	M
PCB-22	23:48	16827386	1.03	1.2027	51.5	51.5	0.3160	0.3160	103	
PCB-36	25:21	17539444	1.04	1.2953	49.8	49.8	0.2934	0.2934	99.63	
PCB-39	25:43	15497314	1.06	1.1621	49.1	49.1	0.3270	0.3270	98.11	
PCB-38	26:17	15760489	1.06	1.1759	49.3	49.3	0.3232	0.3232	98.61	
PCB-35	26:46	14498467	1.04	1.1311	47.2	47.2	0.3360	0.3360	94.31	M
PCB-37	27:11	15366512	1.07	1.1448	49.4	49.4	0.3319	0.3319	98.76	
S Total Tetrachlorobiphenyls					2075.1	2075.1	0.3232	0.3232		
D PCB-54L	20:25	9231595	0.79	0.6773	98.8	98.8	0.0370	0.0370	98.78	
* PCB-52L	24:58	16200945	0.80	1.6E+05	100.0	100.0				
$ PCB-79L	32:54	10611766	0.81	0.9218	52.6	52.6	0.4205	0.4205	105	
D PCB-81L	33:55	21207598	0.80	1.3497	97.0	97.0	0.3297	0.3297	96.99	
D PCB-77L	34:29	22545449	0.81	1.4256	97.6	97.6	0.3121	0.3121	97.62	
PCB-54	20:27	5513322	0.80	1.2064	49.5	49.5	0.0197	0.0197	99.01	
PCB-50	22:36	16556306	0.79	0.7674	98.6	98.6	0.4248	0.4248	98.61	
PCB-53 (C50)	22:36	16556306	0.79	0.7674	98.6	98.6	0.4248	0.4248	98.61	
PCB-45	23:20	15380247	0.78	0.7052	99.7	99.7	0.4623	0.4623	99.70	M
PCB-51 (C45)	23:20	15380247	0.78	0.7052	99.7	99.7	0.4623	0.4623	99.70	M
PCB-46	23:36	6558856	0.78	0.5909	50.7	50.7	0.5518	0.5518	101	
PCB-52	25:00	9338677	0.79	0.8488	50.3	50.3	0.3841	0.3841	101	
PCB-43	25:08	19210028	0.79	0.8936	98.3	98.3	0.3649	0.3649	98.27	M
PCB-73 (C43)	25:08	19210028	0.79	0.8936	98.3	98.3	0.3649	0.3649	98.27	M
PCB-49	25:24	19156376	0.79	0.8934	98.0	98.0	0.3649	0.3649	98.01	M
PCB-69 (C49)	25:24	19156376	0.79	0.8934	98.0	98.0	0.3649	0.3649	98.01	M
PCB-48	25:45	8005360	0.79	0.7506	48.8	48.8	0.4344	0.4344	97.50	
PCB-44	26:00	27864374	0.78	0.8388	151.9	151.9	0.3887	0.3887	101	
PCB-47 (C44)	26:00	27864374	0.78	0.8388	151.9	151.9	0.3887	0.3887	101	
PCB-65 (C44)	26:00	27864374	0.78	0.8388	151.9	151.9	0.3887	0.3887	101	
PCB-59	26:19	32875056	0.78	1.0042	149.6	149.6	0.3247	0.3247	99.76	
PCB-62 (C59)	26:19	32875056	0.78	1.0042	149.6	149.6	0.3247	0.3247	99.76	
PCB-75 (C59)	26:19	32875056	0.78	1.0042	149.6	149.6	0.3247	0.3247	99.76	
PCB-42	26:31	7470339	0.77	0.6874	49.7	49.7	0.4743	0.4743	99.35	
PCB-40	27:01	24330980	0.78	0.7618	146.0	146.0	0.4280	0.4280	97.33	M
PCB-41 (C40)	27:01	24330980	0.78	0.7618	146.0	146.0	0.4280	0.4280	97.33	M
PCB-71 (C40)	27:01	24330980	0.78	0.7618	146.0	146.0	0.4280	0.4280	97.33	M
PCB-64	27:14	11360017	0.77	1.0318	50.3	50.3	0.3160	0.3160	101	
PCB-72	28:03	12727625	0.79	1.1621	50.1	50.1	0.2806	0.2806	100	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-68	28:20	12267027	0.75	1.1249	49.8	49.8	0.2898	0.2898	99.70	
PCB-57	28:46	11894173	0.79	1.1107	49.0	49.0	0.2935	0.2935	97.90	
PCB-58	29:00	13649358	0.78	1.2848	48.6	48.6	0.2538	0.2538	97.12	
PCB-67	29:10	14253686	0.78	1.3274	49.1	49.1	0.2456	0.2456	98.17	
PCB-63	29:26	11454811	0.77	1.0648	49.2	49.2	0.3062	0.3062	98.35	
PCB-61	29:47	50955171	0.78	1.1549	201.7	201.7	0.2823	0.2823	101	
PCB-70 (C61)	29:47	50955171	0.78	1.1549	201.7	201.7	0.2823	0.2823	101	
PCB-74 (C61)	29:47	50955171	0.78	1.1549	201.7	201.7	0.2823	0.2823	101	
PCB-76 (C61)	29:47	50955171	0.78	1.1549	201.7	201.7	0.2823	0.2823	101	
PCB-66	30:06	13312828	0.78	1.2325	49.4	49.4	0.2645	0.2645	98.75	
PCB-55	30:16	13411048	0.77	1.2655	48.4	48.4	0.2576	0.2576	96.89	
PCB-56	30:48	12972861	0.79	1.2161	48.8	48.8	0.2681	0.2681	97.52	
PCB-60	31:00	11002324	0.78	1.0554	47.7	47.7	0.3089	0.3089	95.31	
PCB-80	31:22	13281542	0.81	1.2769	47.5	47.5	0.2553	0.2553	95.09	
PCB-79	32:55	15490101	0.79	1.4452	49.0	49.0	0.2256	0.2256	97.99	
PCB-78	33:29	12634080	0.79	1.2116	47.7	47.7	0.2691	0.2691	95.33	M
PCB-81	33:56	10499616	0.79	1.0148	48.8	48.8	0.3269	0.3269	97.57	
PCB-77	34:31	11620989	0.80	1.0498	49.1	49.1	0.3053	0.3053	98.20	
S Total Pentachlorobiphenyls					2294.7	2294.7	0.1503	0.1503		
D PCB-104L	25:54	13896644	1.60	1.1880	99.1	99.1	0.0200	0.0200	99.14	
$ PCB-95L	28:53	5041619	1.58	0.6819	53.2	53.2	0.0279	0.0279	106	
* PCB-101L	31:49	11799247	1.57	1.2E+05	100.0	100.0				
$ PCB-111L	34:29	7521673	1.60	1.1801	54.0	54.0	0.0202	0.0202	108	
D PCB-123L	36:28	19312906	1.57	0.9399	98.1	98.1	0.6680	0.6680	98.13	
D PCB-118L	36:47	20792372	1.61	0.9794	101.4	101.4	0.6411	0.6411	101	
D PCB-114L	37:20	20272944	1.61	0.9767	99.1	99.1	0.6429	0.6429	99.12	
D PCB-105L	38:00	19754655	1.59	0.9600	98.3	98.3	0.6540	0.6540	98.27	
* PCB-127L	39:27	20939198	1.58	2.1E+05	100.0	100.0				
D PCB-126L	41:06	19914786	1.59	0.9554	99.5	99.5	0.6572	0.6572	99.54	
PCB-104	25:56	7093423	1.57	1.0054	50.8	50.8	0.0157	0.0157	102	
PCB-96	26:20	7908976	1.60	1.1511	49.4	49.4	0.0137	0.0137	98.88	
PCB-103	28:13	5849544	1.57	0.8327	50.6	50.6	0.0190	0.0190	101	
PCB-94	28:28	4905911	1.63	0.6950	50.8	50.8	0.0228	0.0228	102	
PCB-95	28:55	5547370	1.59	0.7922	50.4	50.4	0.0200	0.0200	101	
PCB-93	29:07	10826247	1.58	0.7830	99.5	99.5	0.0202	0.0202	99.50	
PCB-100 (C93)	29:07	10826247	1.58	0.7830	99.5	99.5	0.0202	0.0202	99.50	
PCB-98	29:16	12774007	1.64	0.9182	100.1	100.1	0.0172	0.0172	100	M
PCB-102 (C98)	29:16	12774007	1.64	0.9182	100.1	100.1	0.0172	0.0172	100	M
PCB-88	29:46	11016695	1.61	0.8023	98.8	98.8	0.0197	0.0197	98.81	
PCB-91 (C88)	29:46	11016695	1.61	0.8023	98.8	98.8	0.0197	0.0197	98.81	
PCB-84	30:01	4864462	1.61	0.6855	51.1	51.1	0.0231	0.0231	102	
PCB-89	30:29	5949607	1.61	0.8482	50.5	50.5	0.0186	0.0186	101	
PCB-121	30:51	8963156	1.59	1.2839	50.2	50.2	0.0123	0.0123	100	
PCB-92	31:16	5569831	1.59	0.7805	51.3	51.3	0.0203	0.0203	103	
PCB-90	31:49	19386889	1.55	0.9542	146.2	146.2	0.0166	0.0166	97.47	
PCB-101 (C90)	31:49	19386889	1.55	0.9542	146.2	146.2	0.0166	0.0166	97.47	
PCB-113 (C90)	31:49	19386889	1.55	0.9542	146.2	146.2	0.0166	0.0166	97.47	
PCB-83	32:25	12135899	1.60	0.8851	98.7	98.7	0.0179	0.0179	98.67	
PCB-99 (C83)	32:25	12135899	1.60	0.8851	98.7	98.7	0.0179	0.0179	98.67	
PCB-112	32:32	10111701	1.61	1.4150	51.4	51.4	0.0112	0.0112	103	M
PCB-86	32:54	42707054	1.58	1.0283	298.9	298.9	0.0154	0.0154	99.62	M
PCB-87 (C86)	32:54	42707054	1.58	1.0283	298.9	298.9	0.0154	0.0154	99.62	M
PCB-97 (C86)	32:54	42707054	1.58	1.0283	298.9	298.9	0.0154	0.0154	99.62	M
PCB-109 (C86)	32:54	42707054	1.58	1.0283	298.9	298.9	0.0154	0.0154	99.62	M
PCB-119 (C86)	32:54	42707054	1.58	1.0283	298.9	298.9	0.0154	0.0154	99.62	M
PCB-125 (C86)	32:54	42707054	1.58	1.0283	298.9	298.9	0.0154	0.0154	99.62	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-85	33:38	21138841	1.56	1.0238	148.6	148.6	0.0154	0.0154	99.06	
PCB-116 (C85)	33:38	21138841	1.56	1.0238	148.6	148.6	0.0154	0.0154	99.06	
PCB-117 (C85)	33:38	21138841	1.56	1.0238	148.6	148.6	0.0154	0.0154	99.06	
PCB-110	33:52	18537160	1.59	1.3556	98.4	98.4	0.0117	0.0117	98.40	
PCB-115 (C110)	33:52	18537160	1.59	1.3556	98.4	98.4	0.0117	0.0117	98.40	
PCB-82	34:10	6017010	1.59	0.8520	50.8	50.8	0.0186	0.0186	102	
PCB-111	34:31	8412558	1.60	1.2217	49.6	49.6	0.0129	0.0129	99.11	
PCB-120	34:58	10391963	1.56	1.5157	49.3	49.3	0.0104	0.0104	98.68	
PCB-108	36:08	21930441	1.57	1.0910	100.5	100.5	0.4331	0.4331	100	
PCB-124 (C108)	36:08	21930441	1.57	1.0910	100.5	100.5	0.4331	0.4331	100	
PCB-107	36:22	12145290	1.52	1.2004	50.6	50.6	0.3936	0.3936	101	
PCB-123	36:29	9714888	1.56	1.0447	48.2	48.2	0.4556	0.4556	96.30	
PCB-106	36:36	12018385	1.56	1.1708	51.3	51.3	0.4036	0.4036	103	
PCB-118	36:49	10699826	1.57	1.0261	50.2	50.2	0.4387	0.4387	100	M
PCB-122	37:11	9184376	1.56	0.9264	49.5	49.5	0.5100	0.5100	99.10	
PCB-114	37:21	10992744	1.59	1.0927	49.6	49.6	0.4250	0.4250	99.24	
PCB-105	38:02	10522104	1.54	1.0755	49.5	49.5	0.4487	0.4487	99.05	M
PCB-127	39:28	11884554	1.56	1.1835	50.2	50.2	0.3992	0.3992	100	M
PCB-126	41:06	12188110	1.60	1.2284	49.8	49.8	0.4002	0.4002	99.65	
S Total Hexachlorobiphenyls					2079.5	2079.5	0.3785	0.3785		
D PCB-155L	31:32	13416823	1.26	1.1357	100.1	100.1	0.0266	0.0266	100	
$ PCB-153L	38:40	7102818	1.29	0.8141	48.0	48.0	0.6788	0.6788	96.00	
* PCB-138L	39:55	14497305	1.28	1.5E+05	100.0	100.0				
D PCB-167L	42:55	18118770	1.28	1.2662	98.7	98.7	0.4282	0.4282	98.71	
D PCB-156L	44:06	35831242	1.28	1.2515	197.5	197.5	0.4332	0.4332	98.74	
D PCB-157L (C156L)	44:06	35831242	1.28	1.2515	197.5	197.5	0.4332	0.4332	98.74	
D PCB-169L	47:21	18752780	1.27	1.3070	99.0	99.0	0.4148	0.4148	98.97	
PCB-155	31:34	6185938	1.27	0.9289	49.6	49.6	0.0140	0.0140	99.27	
PCB-152	31:49	7582840	1.27	1.1242	50.3	50.3	0.0116	0.0116	101	
PCB-150	31:58	6678690	1.25	0.9966	49.9	49.9	0.0131	0.0131	99.89	
PCB-136	32:22	6306619	1.28	0.9632	48.8	48.8	0.0135	0.0135	97.60	
PCB-145	32:38	7286953	1.24	1.0775	50.4	50.4	0.0121	0.0121	101	
PCB-148	34:08	4943838	1.25	0.7376	50.0	50.0	0.0177	0.0177	99.91	
PCB-135	34:48	9852936	1.28	0.7414	99.1	99.1	0.0176	0.0176	99.05	M
PCB-151 (C135)	34:48	9852936	1.28	0.7414	99.1	99.1	0.0176	0.0176	99.05	M
PCB-154	34:58	5467611	1.27	0.8223	49.6	49.6	0.0158	0.0158	99.12	
PCB-144	35:18	4970360	1.26	0.7371	50.3	50.3	0.0177	0.0177	101	
PCB-147	35:40	15020995	1.24	0.8634	95.7	95.7	0.5356	0.5356	95.72	
PCB-149 (C147)	35:40	15020995	1.24	0.8634	95.7	95.7	0.5356	0.5356	95.72	
PCB-134	35:58	12318623	1.25	0.6812	99.5	99.5	0.6789	0.6789	99.49	
PCB-143 (C134)	35:58	12318623	1.25	0.6812	99.5	99.5	0.6789	0.6789	99.49	
PCB-139	36:15	14930074	1.24	0.8381	98.0	98.0	0.5517	0.5517	98.01	
PCB-140 (C139)	36:15	14930074	1.24	0.8381	98.0	98.0	0.5517	0.5517	98.01	
PCB-131	36:28	6118780	1.29	0.6856	49.1	49.1	0.6745	0.6745	98.21	
PCB-142	36:37	6154140	1.22	0.6760	50.1	50.1	0.6841	0.6841	100	
PCB-132	36:58	6496183	1.23	0.7063	50.6	50.6	0.6547	0.6547	101	
PCB-133	37:25	7088298	1.26	0.7770	50.2	50.2	0.5952	0.5952	100	
PCB-165	37:49	8700988	1.27	0.9584	50.0	50.0	0.4825	0.4825	99.90	
PCB-146	38:04	8344119	1.18	0.9163	50.1	50.1	0.5047	0.5047	100	
PCB-161	38:12	10291604	1.32	1.1406	49.6	49.6	0.4054	0.4054	99.29	
PCB-153	38:42	18739301	1.26	1.0468	98.5	98.5	0.4418	0.4418	98.49	
PCB-168 (C153)	38:42	18739301	1.26	1.0468	98.5	98.5	0.4418	0.4418	98.49	
PCB-141	38:54	6982353	1.18	0.7580	50.7	50.7	0.6101	0.6101	101	
PCB-130	39:18	5771413	1.25	0.6356	50.0	50.0	0.7275	0.7275	99.91	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-137	39:31	6863761	1.25	0.7533	50.1	50.1	0.6139	0.6139	100	
PCB-164	39:39	9988254	1.24	1.1173	49.2	49.2	0.4139	0.4139	98.37	
PCB-129	39:57	31608333	1.26	0.8826	197.0	197.0	0.5240	0.5240	98.52	M
PCB-138 (C129)	39:57	31608333	1.26	0.8826	197.0	197.0	0.5240	0.5240	98.52	M
PCB-160 (C129)	39:57	31608333	1.26	0.8826	197.0	197.0	0.5240	0.5240	98.52	M
PCB-163 (C129)	39:57	31608333	1.26	0.8826	197.0	197.0	0.5240	0.5240	98.52	M
PCB-158	40:20	10167790	1.27	1.1331	49.4	49.4	0.4081	0.4081	98.74	
PCB-128	41:10	17153184	1.25	0.9522	99.1	99.1	0.4857	0.4857	99.11	
PCB-166 (C128)	41:10	17153184	1.25	0.9522	99.1	99.1	0.4857	0.4857	99.11	
PCB-159	42:10	11583228	1.25	1.3072	48.8	48.8	0.3538	0.3538	97.50	
PCB-162	42:28	9693028	1.22	1.0935	48.8	48.8	0.4229	0.4229	97.54	M
PCB-167	42:57	9930259	1.25	1.1098	49.4	49.4	0.3367	0.3367	98.77	
PCB-156	44:07	18859965	1.24	1.0713	98.3	98.3	0.5697	0.5697	98.27	
PCB-157 (C156)	44:07	18859965	1.24	1.0713	98.3	98.3	0.5697	0.5697	98.27	
PCB-169	47:21	11391888	1.26	1.2249	49.6	49.6	0.3027	0.3027	99.19	
S Total Heptachlorobiphenyls					1199.2	1199.2	0.0118	0.0118		
D PCB-188L	37:17	14285108	1.08	1.2605	97.2	97.2	0.0220	0.0220	97.15	
$ PCB-178L	40:21	5185354	1.08	0.8365	53.1	53.1	0.0332	0.0332	106	
* PCB-180L	45:28	11665190	1.07	1.2E+05	100.0	100.0				
D PCB-170L	46:45	9805885	1.05	0.8524	98.6	98.6	0.0325	0.0325	98.62	
D PCB-189L	49:51	22552559	1.06	1.4740	99.3	99.3	0.0990	0.0990	99.26	
PCB-188	37:19	7659899	1.06	1.0534	50.9	50.9	0.005795	0.005795	102	
PCB-179	37:41	8269271	1.05	1.4009	49.0	49.0	0.005283	0.005283	98.01	
PCB-184	38:10	7755139	1.06	1.2996	49.5	49.5	0.005695	0.005695	99.08	
PCB-176	38:34	7251899	1.05	1.1987	50.2	50.2	0.006174	0.006174	100	
PCB-186	39:01	8935149	1.04	1.4715	50.4	50.4	0.005030	0.005030	101	
PCB-178	40:23	5328079	1.05	0.8813	50.2	50.2	0.008397	0.008397	100	
PCB-175	41:01	5443884	1.05	0.9040	50.0	50.0	0.008187	0.008187	99.99	
PCB-187	41:17	6778091	1.08	1.1524	48.8	48.8	0.006422	0.006422	97.66	
PCB-182	41:29	6664897	1.04	1.1052	50.1	50.1	0.006696	0.006696	100	
PCB-183	41:54	11441272	1.07	0.9716	97.8	97.8	0.007617	0.007617	97.76	M
PCB-185 (C183)	41:54	11441272	1.07	0.9716	97.8	97.8	0.007617	0.007617	97.76	M
PCB-174	42:09	5945006	1.06	0.9981	49.4	49.4	0.007415	0.007415	98.90	
PCB-177	42:36	5845566	1.06	0.9612	50.5	50.5	0.007699	0.007699	101	
PCB-181	42:58	6301162	1.04	1.0577	49.5	49.5	0.006997	0.006997	98.92	
PCB-171	43:13	10715162	1.06	0.8964	99.2	99.2	0.008256	0.008256	99.23	
PCB-173 (C171)	43:13	10715162	1.06	0.8964	99.2	99.2	0.008256	0.008256	99.23	
PCB-172	44:51	5653635	1.07	0.9283	50.6	50.6	0.007972	0.007972	101	
PCB-192	45:06	8532583	1.05	1.4131	50.1	50.1	0.005237	0.005237	100	
PCB-180	45:28	14160631	1.05	1.1677	100.7	100.7	0.006338	0.006338	101	
PCB-193 (C180)	45:28	14160631	1.05	1.1677	100.7	100.7	0.006338	0.006338	101	
PCB-191	45:51	7831349	1.07	1.2698	51.2	51.2	0.005828	0.005828	102	
PCB-170	46:46	5364198	1.02	1.0923	50.1	50.1	0.008602	0.008602	100	
PCB-190	47:17	8017179	1.04	1.3003	51.2	51.2	0.005691	0.005691	102	M
PCB-189	49:53	11386370	1.04	1.0146	49.8	49.8	0.1132	0.1132	99.53	
S Total Octachlorobiphenyls					609.2	609.2	0.0483	0.0483		
D PCB-202L	42:40	11613233	0.91	1.0390	95.8	95.8	0.0260	0.0260	95.81	
* PCB-194L	51:57	15415143	0.90	1.5E+05	100.0	100.0				
D PCB-205L	52:25	18526434	0.90	1.2166	98.8	98.8	0.0626	0.0626	98.79	
PCB-202	42:42	5918123	0.90	1.0078	50.6	50.6	0.0159	0.0159	101	
PCB-201	43:37	5660031	0.89	0.9580	50.9	50.9	0.0167	0.0167	102	
PCB-204	44:17	6569889	0.90	1.1119	50.9	50.9	0.0144	0.0144	102	
PCB-197	44:31	6179149	0.90	1.0487	50.7	50.7	0.0153	0.0153	101	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-200	44:39	5971959	0.90	0.9671	53.2	53.2	0.0166	0.0166	106	
PCB-198	47:25	10259335	0.90	0.8830	100.0	100.0	0.0182	0.0182	100	
PCB-199 (C198)	47:25	10259335	0.90	0.8830	100.0	100.0	0.0182	0.0182	100	
PCB-196	48:06	4723242	0.92	0.7882	51.6	51.6	0.0204	0.0204	103	
PCB-203	48:17	5864362	0.90	0.9704	52.0	52.0	0.0165	0.0165	104	
PCB-195	49:38	7666702	0.90	0.8289	49.9	49.9	0.1508	0.1508	99.85	
PCB-194	51:59	8639743	0.90	0.9255	50.4	50.4	0.1351	0.1351	101	
PCB-205	52:27	10224731	0.90	1.1267	49.0	49.0	0.1110	0.1110	97.97	
S Total Nonachlorobiphenyls					147.9	147.9	0.4959	0.4959		
D PCB-208L	49:21	15497318	0.80	1.0234	98.2	98.2	0.1615	0.1615	98.24	
D PCB-206L	54:10	11077157	0.81	0.7298	98.5	98.5	0.2265	0.2265	98.46	
PCB-208	49:22	7828150	0.78	1.0457	48.3	48.3	0.4711	0.4711	96.61	
PCB-207	50:18	8172638	0.81	1.2328	49.9	49.9	0.4666	0.4666	99.79	
PCB-206	54:11	6924076	0.78	1.2570	49.7	49.7	0.5499	0.5499	99.46	
D PCB-209L	55:46	11434571	0.72	0.7565	98.1	98.1	0.0396	0.0396	98.05	
DCB Decachlorobiphenyl	55:47	5758157	0.71	1.0418	48.3	48.3	0.0342	0.0342	96.67	
S Polychlorinated biphenyls, Total					10245	10245	0.1865	0.1865		

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

61CV1668CS3_00015 Amount Added: 20.00 Units: uL

Report Date: 08-Oct-2021 19:11:07 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Lims ID: IC L4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 08-Oct-2021 14:53:00 ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-004
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:11:07 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 16:16:36

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:48	11:48	0	0.730	20599867	8270929	4236	10590	1953		
202.0766	11:48	11:48	0	0.730	6486104	2577679	2419	6047	1066	3.18(2.66-3.60)	
PCB-3L											
200.0795	13:58	13:58	0	0.863	21344963	7203603	4236	10590	1701		
202.0766	13:58	13:58	0	0.863	6636322	2250575	2419	6047	930	3.22(2.66-3.60)	
PCB-1											
188.0393	11:49	11:49	0	1.001	12204849	4755874	4420	11050	1076		
190.0363	11:49	11:49	0	1.001	3949864	1522537	1835	4587	830	3.09(2.66-3.60)	
PCB-2											
188.0393	13:48	13:48	0	0.989	13005005	4205459	4420	11050	951		
190.0363	13:48	13:48	0	0.989	4067508	1328163	1835	4587	724	3.20(2.66-3.60)	
PCB-3											
188.0393	13:58	13:58	0	1.001	12889545	4294284	4420	11050	972		
190.0363	13:58	13:58	0	1.001	4128470	1369349	1835	4587	746	3.12(2.66-3.60)	
PCB-4L											
234.0406	14:13	14:13	0	0.879	7495110	2497814	877	2192	2848		
236.0376	14:13	14:13	0	0.879	4776416	1600225	276	690	5798	1.57(1.33-1.79)	
PCB-9L											
234.0406	16:10	16:10	0		12450709	3677619	877	2192	4193		
236.0376	16:10	16:10	0		7727799	2291641	276	690	8303	1.61(1.33-1.79)	
PCB-8L											
234.0406	17:01	17:01	0	1.196	5881840	1633525	877	2192	1863		
236.0376	17:01	17:01	0	1.196	3650441	1031316	276	690	3737	1.61(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-15L											
234.0406	20:06	20:06	0	1.243	13532371	3345626	877	2192	3815		
236.0376	20:06	20:06	0	1.243	8356482	2061594	276	690	7470	1.62(1.33-1.79)	
PCB-4											
222.0003	14:14	14:14	0	1.001	4724745	1579989	143	357	11049		
223.9974	14:14	14:14	0	1.001	3003393	1005745	213	532	4722	1.57(1.33-1.79)	
PCB-10											
222.0003	14:24	14:24	0	1.013	6046823	1908260	143	357	13344		
223.9974	14:24	14:24	-1	1.012	3844562	1217379	213	532	5715	1.57(1.33-1.79)	
PCB-9											
222.0003	16:11	16:11	0	1.138	7185333	2142513	143	357	14983		
223.9974	16:11	16:11	0	1.138	4518746	1353098	213	532	6353	1.59(1.33-1.79)	
PCB-7											
222.0003	16:21	16:21	0	1.149	6511506	1838065	143	357	12854		
223.9974	16:21	16:21	0	1.149	4126369	1159905	213	532	5446	1.58(1.33-1.79)	
PCB-6											
222.0003	16:36	16:36	0	1.168	7772357	2208687	143	357	15445		
223.9974	16:36	16:36	0	1.168	4900469	1395892	213	532	6553	1.59(1.33-1.79)	
PCB-5											
222.0003	16:55	16:55	0	1.189	6336699	1804120	143	357	12616		
223.9974	16:55	16:55	0	1.189	3987985	1143883	213	532	5370	1.59(1.33-1.79)	
PCB-8											
222.0003	17:02	17:02	0	1.198	7902571	2145759	143	357	15005		
223.9974	17:02	17:02	0	1.198	4971225	1342435	213	532	6303	1.59(1.33-1.79)	
PCB-14											
222.0003	18:39	18:39	0	0.927	6716139	1701617	143	357	11899		
223.9974	18:38	18:39	-1	0.927	4150041	1058800	213	532	4971	1.62(1.33-1.79)	
PCB-11											
222.0003	19:30	19:30	0	0.970	7308183	1867161	143	357	13057		
223.9974	19:30	19:30	0	0.970	4559308	1189489	213	532	5584	1.60(1.33-1.79)	
PCB-12											
222.0003	19:48	19:48	0	0.985	13530961	2364362	143	357	16534		
223.9974	19:48	19:48	0	0.985	8536458	1494258	213	532	7015	1.59(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:48	19:48	0	0.985	13530961	2364362	143	357	16534		
223.9974	19:48	19:48	0	0.985	8536458	1494258	213	532	7015	1.59(1.33-1.79)	
PCB-15											
222.0003	20:08	20:08	0	1.001	7586556	1715203	143	357	11994		
223.9974	20:08	20:08	0	1.001	4852174	1100020	213	532	5164	1.56(1.33-1.79)	
PCB-19L											
268.0016	17:20	17:20	0	0.842	4400606	1210754	1029	2572	1177		
269.9986	17:20	17:20	0	0.842	4052066	1133829	1482	3705	765	1.09(0.88-1.20)	
PCB-32L											
268.0016	20:35	20:35	0		7091352	1761321	1029	2572	1712		
269.9986	20:35	20:35	0		6707517	1659557	1482	3705	1120	1.06(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31L											
268.0016	22:50	22:50	0		15809630	3728877	1861	4652	2004		
269.9986	22:50	22:50	0		14983625	3527143	1011	2527	3489	1.06(0.88-1.20)	
PCB-28L											
268.0016	23:08	23:08	0	1.013	7689721	1746591	1861	4652	939		
269.9986	23:08	23:08	0	1.013	7228837	1666072	1011	2527	1648	1.06(0.88-1.20)	
PCB-37L											
268.0016	27:10	27:10	0	1.190	14005932	2963395	1861	4652	1592		
269.9986	27:10	27:10	0	1.190	13177399	2783203	1011	2527	2753	1.06(0.88-1.20)	
PCB-19											
255.9613	17:21	17:21	0	1.002	2779788	751363	113	282	6649		
257.9584	17:21	17:21	0	1.002	2593129	712475	108	270	6597	1.07(0.88-1.20)	
PCB-18											M
255.9613	19:08	19:08	0	1.104	7652649	1212516	113	282	10730		
257.9584	19:08	19:08	0	1.104	7108935	1149065	108	270	10639	1.08(0.88-1.20)	M
PCB-30 (C18)											M
255.9613	19:08	19:08	0	1.104	7652649	1212516	113	282	10730		
257.9584	19:08	19:08	0	1.104	7108935	1149065	108	270	10639	1.08(0.88-1.20)	M
PCB-17											
255.9613	19:37	19:37	0	1.132	2628238	657131	113	282	5815		
257.9584	19:37	19:37	0	1.132	2430715	617853	108	270	5721	1.08(0.88-1.20)	
PCB-27											
255.9613	19:51	19:51	0	1.145	3676112	922138	113	282	8161		
257.9584	19:50	19:51	-1	1.144	3516621	884723	108	270	8192	1.05(0.88-1.20)	
PCB-24											
255.9613	19:58	19:58	0	1.152	3855724	976356	113	282	8640		
257.9584	19:58	19:58	0	1.152	3631417	912725	108	270	8451	1.06(0.88-1.20)	
PCB-16											
255.9613	20:06	20:06	0	1.160	2608914	639636	113	282	5660		
257.9584	20:06	20:06	0	1.160	2431384	601538	108	270	5570	1.07(0.88-1.20)	
PCB-32											
255.9613	20:36	20:36	0	1.188	4198310	1030509	113	282	9120		
257.9584	20:36	20:36	0	1.188	3942919	964246	108	270	8928	1.06(0.88-1.20)	
PCB-34											
255.9613	21:51	21:51	0	1.261	7054893	1718535	4086	10215	421		
257.9584	21:51	21:51	0	1.261	6672306	1635121	4649	11622	352	1.06(0.88-1.20)	
PCB-23											
255.9613	21:59	21:59	0	1.269	7250026	1713840	4086	10215	419		
257.9584	21:59	21:59	0	1.269	6889860	1625045	4649	11622	350	1.05(0.88-1.20)	
PCB-26											
255.9613	22:18	22:18	0	1.287	14620966	3370384	4086	10215	825		
257.9584	22:18	22:18	0	1.287	13913581	3217975	4649	11622	692	1.05(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:18	22:18	0	1.287	14620966	3370384	4086	10215	825		
257.9584	22:18	22:18	0	1.287	13913581	3217975	4649	11622	692	1.05(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											
255.9613	22:32	22:32	0	0.830	9080219	1969471	4086	10215	482		
257.9584	22:32	22:32	0	0.830	8668625	1864875	4649	11622	401	1.05(0.88-1.20)	
PCB-31											
255.9613	22:51	22:51	0	0.842	8550045	2025854	4086	10215	496		
257.9584	22:51	22:51	0	0.842	8239262	1946495	4649	11622	419	1.04(0.88-1.20)	
PCB-20											
255.9613	23:10	23:10	0	0.853	15535955	2560885	4086	10215	627		
257.9584	23:10	23:10	0	0.853	14621036	2427148	4649	11622	522	1.06(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:10	23:10	0	0.853	15535955	2560885	4086	10215	627		
257.9584	23:10	23:10	0	0.853	14621036	2427148	4649	11622	522	1.06(0.88-1.20)	
PCB-21											M
255.9613	23:20	23:20	0	0.859	15943472	1974513	4086	10215	483		M
257.9584	23:20	23:20	0	0.859	14865550	1849609	4649	11622	398	1.07(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:20	23:20	0	0.859	15943472	1974513	4086	10215	483		M
257.9584	23:20	23:20	0	0.859	14865550	1849609	4649	11622	398	1.07(0.88-1.20)	M
PCB-22											
255.9613	23:48	23:48	0	0.876	8529461	1903440	4086	10215	466		
257.9584	23:48	23:48	0	0.876	8297925	1822358	4649	11622	392	1.03(0.88-1.20)	
PCB-36											
255.9613	25:21	25:21	0	0.933	8930335	1903997	4086	10215	466		
257.9584	25:21	25:21	0	0.933	8609109	1780775	4649	11622	383	1.04(0.88-1.20)	
PCB-39											
255.9613	25:43	25:43	0	0.947	7964487	1671161	4086	10215	409		
257.9584	25:43	25:43	0	0.947	7532827	1587773	4649	11622	342	1.06(0.88-1.20)	
PCB-38											
255.9613	26:17	26:17	0	0.967	8116424	1758885	4086	10215	430		
257.9584	26:17	26:17	0	0.967	7644065	1645779	4649	11622	354	1.06(0.88-1.20)	
PCB-35											M
255.9613	26:46	26:46	0	0.985	7382667	1599103	4086	10215	391		M
257.9584	26:46	26:46	0	0.985	7115800	1533123	4649	11622	330	1.04(0.88-1.20)	M
PCB-37											
255.9613	27:11	27:11	0	1.001	7936106	1590296	4086	10215	389		
257.9584	27:11	27:11	0	1.001	7430406	1509513	4649	11622	325	1.07(0.88-1.20)	
PCB-54L											
301.9626	20:25	20:25	0	0.818	4070834	1050165	275	687	3819		
303.9597	20:25	20:25	0	0.818	5160761	1291560	68	170	18994	0.79(0.65-0.89)	
PCB-52L											
301.9626	24:58	24:58	0		7207774	1655873	3471	8677	477		
303.9597	24:58	24:58	0		8993171	2072102	3164	7910	655	0.80(0.65-0.89)	
PCB-79L											
301.9626	32:54	32:54	0	0.970	4744295	958376	3471	8677	276		
303.9597	32:55	32:54	1	0.971	5867471	1174420	3164	7910	371	0.81(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-81L											
301.9626	33:55	33:55	0	1.358	9453549	1856440	3471	8677	535		
303.9597	33:55	33:55	0	1.358	11754049	2348698	3164	7910	742	0.80(0.65-0.89)	
PCB-77L											
301.9626	34:29	34:29	0	1.381	10081545	1934758	3471	8677	557		
303.9597	34:29	34:29	0	1.381	12463904	2418505	3164	7910	764	0.81(0.65-0.89)	
PCB-54											
289.9224	20:27	20:27	0	1.000	2450365	598695	67	167	8936		
291.9194	20:27	20:27	0	1.000	3062957	763468	156	390	4894	0.80(0.65-0.89)	
PCB-50											
289.9224	22:36	22:36	0	1.107	7282042	1759526	2454	6135	717		
291.9194	22:36	22:36	0	1.107	9274264	2234947	3127	7817	715	0.79(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:36	22:36	0	1.107	7282042	1759526	2454	6135	717		
291.9194	22:36	22:36	0	1.107	9274264	2234947	3127	7817	715	0.79(0.65-0.89)	
PCB-45											M
289.9224	23:20	23:20	0	1.143	6758516	894617	2454	6135	365		M
291.9194	23:20	23:20	0	1.143	8621731	1141829	3127	7817	365	0.78(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:20	23:20	0	1.143	6758516	894617	2454	6135	365		M
291.9194	23:20	23:20	0	1.143	8621731	1141829	3127	7817	365	0.78(0.65-0.89)	M
PCB-46											
289.9224	23:36	23:36	0	1.156	2875315	661997	2454	6135	270		
291.9194	23:36	23:36	0	1.156	3683541	857211	3127	7817	274	0.78(0.65-0.89)	
PCB-52											
289.9224	25:00	25:00	0	1.224	4131234	954753	2454	6135	389		
291.9194	25:00	25:00	0	1.224	5207443	1212407	3127	7817	388	0.79(0.65-0.89)	
PCB-43											M
289.9224	25:08	25:08	0	1.230	8473394	1167826	2454	6135	476		M
291.9194	25:08	25:08	0	1.230	10736634	1446871	3127	7817	463	0.79(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:08	25:08	0	1.230	8473394	1167826	2454	6135	476		M
291.9194	25:08	25:08	0	1.230	10736634	1446871	3127	7817	463	0.79(0.65-0.89)	M
PCB-49											M
289.9224	25:24	25:24	0	1.244	8457619	1170059	2454	6135	477		M
291.9194	25:24	25:24	0	1.244	10698757	1468050	3127	7817	469	0.79(0.65-0.89)	M
PCB-69 (C49)											M
289.9224	25:24	25:24	0	1.244	8457619	1170059	2454	6135	477		M
291.9194	25:24	25:24	0	1.244	10698757	1468050	3127	7817	469	0.79(0.65-0.89)	M
PCB-48											
289.9224	25:45	25:45	0	1.261	3530601	821863	2454	6135	335		
291.9194	25:45	25:45	0	1.261	4474759	1026510	3127	7817	328	0.79(0.65-0.89)	
PCB-44											
289.9224	26:00	26:00	0	1.273	12203294	2380000	2454	6135	970		
291.9194	26:00	26:00	0	1.273	15661080	3046234	3127	7817	974	0.78(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-47 (C44)											
289.9224	26:00	26:00	0	1.273	12203294	2380000	2454	6135	970		
291.9194	26:00	26:00	0	1.273	15661080	3046234	3127	7817	974	0.78(0.65-0.89)	
PCB-65 (C44)											
289.9224	26:00	26:00	0	1.273	12203294	2380000	2454	6135	970		
291.9194	26:00	26:00	0	1.273	15661080	3046234	3127	7817	974	0.78(0.65-0.89)	
PCB-59											
289.9224	26:19	26:19	0	1.289	14440462	2268042	2454	6135	924		
291.9194	26:19	26:19	0	1.289	18434594	2878487	3127	7817	921	0.78(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:19	26:19	0	1.289	14440462	2268042	2454	6135	924		
291.9194	26:19	26:19	0	1.289	18434594	2878487	3127	7817	921	0.78(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:19	26:19	0	1.289	14440462	2268042	2454	6135	924		
291.9194	26:19	26:19	0	1.289	18434594	2878487	3127	7817	921	0.78(0.65-0.89)	
PCB-42											
289.9224	26:31	26:31	0	1.299	3251275	719715	2454	6135	293		
291.9194	26:31	26:31	0	1.299	4219064	916566	3127	7817	293	0.77(0.65-0.89)	
PCB-40											M
289.9224	27:01	27:01	0	1.323	10691708	1740318	2454	6135	709		M
291.9194	27:01	27:01	0	1.323	13639272	2219355	3127	7817	710	0.78(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	27:01	27:01	0	1.323	10691708	1740318	2454	6135	709		M
291.9194	27:01	27:01	0	1.323	13639272	2219355	3127	7817	710	0.78(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	27:01	27:01	0	1.323	10691708	1740318	2454	6135	709		M
291.9194	27:01	27:01	0	1.323	13639272	2219355	3127	7817	710	0.78(0.65-0.89)	M
PCB-64											
289.9224	27:14	27:14	0	1.334	4924553	1076236	2454	6135	439		
291.9194	27:14	27:14	0	1.334	6435464	1405991	3127	7817	450	0.77(0.65-0.89)	
PCB-72											
289.9224	28:03	28:03	0	0.827	5619302	1275141	2454	6135	520		
291.9194	28:03	28:03	0	0.827	7108323	1620707	3127	7817	518	0.79(0.65-0.89)	
PCB-68											
289.9224	28:20	28:20	0	0.836	5275214	1107262	2454	6135	451		
291.9194	28:20	28:20	0	0.836	6991813	1417604	3127	7817	453	0.75(0.65-0.89)	
PCB-57											
289.9224	28:46	28:46	0	0.848	5254850	1140233	2454	6135	465		
291.9194	28:46	28:46	0	0.848	6639323	1447284	3127	7817	463	0.79(0.65-0.89)	
PCB-58											
289.9224	29:00	29:00	0	0.855	5971396	1250217	2454	6135	509		
291.9194	29:00	29:00	0	0.855	7677962	1616183	3127	7817	517	0.78(0.65-0.89)	
PCB-67											
289.9224	29:10	29:10	0	0.860	6239150	1268038	2454	6135	517		
291.9194	29:10	29:10	0	0.860	8014536	1629722	3127	7817	521	0.78(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-63											
289.9224	29:26	29:26	0	0.868	4985544	1034766	2454	6135	422		
291.9194	29:26	29:26	0	0.868	6469267	1323034	3127	7817	423	0.77(0.65-0.89)	
PCB-61											
289.9224	29:47	29:47	0	0.878	22398087	2622821	2454	6135	1069		
291.9194	29:47	29:47	0	0.878	28557084	3365917	3127	7817	1076	0.78(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:47	29:47	0	0.878	22398087	2622821	2454	6135	1069		
291.9194	29:47	29:47	0	0.878	28557084	3365917	3127	7817	1076	0.78(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:47	29:47	0	0.878	22398087	2622821	2454	6135	1069		
291.9194	29:47	29:47	0	0.878	28557084	3365917	3127	7817	1076	0.78(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:47	29:47	0	0.878	22398087	2622821	2454	6135	1069		
291.9194	29:47	29:47	0	0.878	28557084	3365917	3127	7817	1076	0.78(0.65-0.89)	
PCB-66											
289.9224	30:06	30:06	0	0.888	5830698	1202165	2454	6135	490		
291.9194	30:06	30:06	0	0.888	7482130	1524395	3127	7817	487	0.78(0.65-0.89)	
PCB-55											
289.9224	30:16	30:16	0	0.893	5819571	1225243	2454	6135	499		
291.9194	30:16	30:16	0	0.893	7591477	1569295	3127	7817	502	0.77(0.65-0.89)	
PCB-56											
289.9224	30:48	30:48	0	0.908	5730683	1195567	2454	6135	487		
291.9194	30:48	30:48	0	0.908	7242178	1497075	3127	7817	479	0.79(0.65-0.89)	
PCB-60											
289.9224	31:00	31:00	0	0.914	4818112	1005733	2454	6135	410		
291.9194	31:00	31:00	0	0.914	6184212	1256711	3127	7817	402	0.78(0.65-0.89)	
PCB-80											
289.9224	31:22	31:22	0	0.925	5958736	1228855	2454	6135	501		
291.9194	31:22	31:22	0	0.925	7322806	1532874	3127	7817	490	0.81(0.65-0.89)	
PCB-79											
289.9224	32:55	32:55	0	0.971	6836969	1312217	2454	6135	535		
291.9194	32:55	32:55	0	0.971	8653132	1669119	3127	7817	534	0.79(0.65-0.89)	
PCB-78											M
289.9224	33:29	33:29	0	0.988	5593175	1137736	2454	6135	464		M
291.9194	33:29	33:29	0	0.988	7040905	1427265	3127	7817	456	0.79(0.65-0.89)	
PCB-81											
289.9224	33:56	33:56	0	1.001	4644127	912413	2454	6135	372		
291.9194	33:56	33:56	0	1.001	5855489	1151776	3127	7817	368	0.79(0.65-0.89)	
PCB-77											
289.9224	34:31	34:31	0	1.001	5154181	988875	2454	6135	403		
291.9194	34:31	34:31	0	1.001	6466808	1253323	3127	7817	401	0.80(0.65-0.89)	
PCB-104L											
337.9207	25:54	25:54	0	0.814	8551938	1908966	152	380	12559		
339.9178	25:54	25:54	0	0.814	5344706	1201934	85	212	14140	1.60(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-95L											
337.9207	28:53	28:53	0	1.115	3086637	675953	152	380	4447		
339.9178	28:53	28:53	0	1.115	1954982	428637	85	212	5043	1.58(1.32-1.78)	
PCB-101L											
337.9207	31:49	31:49	0		7215855	1518358	152	380	9989		
339.9178	31:49	31:49	0		4583392	967950	85	212	11388	1.57(1.32-1.78)	
PCB-111L											
337.9207	34:29	34:29	0	1.084	4631022	959265	152	380	6311		
339.9178	34:29	34:29	0	1.084	2890651	612097	85	212	7201	1.60(1.32-1.78)	
PCB-123L											
337.9207	36:28	36:28	0	1.146	11791407	2369247	5982	14955	396		
339.9178	36:28	36:28	0	1.146	7521499	1533531	4365	10912	351	1.57(1.32-1.78)	
PCB-118L											
337.9207	36:47	36:47	0	1.157	12820908	2530965	5982	14955	423		
339.9178	36:47	36:47	0	1.157	7971464	1596200	4365	10912	366	1.61(1.32-1.78)	
PCB-114L											
337.9207	37:20	37:20	0	1.174	12516852	2477268	5982	14955	414		
339.9178	37:20	37:20	0	1.174	7756092	1523083	4365	10912	349	1.61(1.32-1.78)	
PCB-105L											
337.9207	38:00	38:00	0	1.195	12127196	2360176	5982	14955	395		
339.9178	38:00	38:00	0	1.195	7627459	1489479	4365	10912	341	1.59(1.32-1.78)	
PCB-127L											
337.9207	39:27	39:27	0		12817113	2521458	5982	14955	422		
339.9178	39:27	39:27	0		8122085	1598145	4365	10912	366	1.58(1.32-1.78)	
PCB-126L											
337.9207	41:06	41:06	0	1.292	12218579	2316068	5982	14955	387		
339.9178	41:06	41:06	0	1.292	7696207	1463212	4365	10912	335	1.59(1.32-1.78)	
PCB-104											
325.8804	25:56	25:56	0	1.001	4338299	983419	87	217	11304		
327.8775	25:56	25:56	0	1.001	2755124	617729	110	275	5616	1.57(1.32-1.78)	
PCB-96											
325.8804	26:20	26:20	0	1.016	4865828	1075755	87	217	12365		
327.8775	26:20	26:20	0	1.016	3043148	677600	110	275	6160	1.60(1.32-1.78)	
PCB-103											
325.8804	28:13	28:13	0	1.090	3575294	793522	87	217	9121		
327.8775	28:13	28:13	0	1.090	2274250	490855	110	275	4462	1.57(1.32-1.78)	
PCB-94											
325.8804	28:28	28:28	0	1.099	3039183	652081	87	217	7495		
327.8775	28:28	28:28	0	1.099	1866728	403238	110	275	3666	1.63(1.32-1.78)	
PCB-95											
325.8804	28:55	28:55	0	1.116	3403074	746235	87	217	8577		
327.8775	28:55	28:55	0	1.116	2144296	467097	110	275	4246	1.59(1.32-1.78)	
PCB-93											
325.8804	29:07	29:07	0	1.124	6634418	1115976	87	217	12827		
327.8775	29:07	29:07	0	1.124	4191829	713485	110	275	6486	1.58(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-100 (C93)											
325.8804	29:07	29:07	0	1.124	6634418	1115976	87	217	12827		
327.8775	29:07	29:07	0	1.124	4191829	713485	110	275	6486	1.58(1.32-1.78)	
PCB-98											M
325.8804	29:16	29:16	0	1.130	7927411	954805	87	217	10975		M
327.8775	29:16	29:16	0	1.130	4846596	590997	110	275	5373	1.64(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:16	29:16	0	1.130	7927411	954805	87	217	10975		M
327.8775	29:16	29:16	0	1.130	4846596	590997	110	275	5373	1.64(1.32-1.78)	M
PCB-88											
325.8804	29:46	29:46	0	1.149	6798100	738971	87	217	8494		
327.8775	29:46	29:46	0	1.149	4218595	468567	110	275	4260	1.61(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:46	29:46	0	1.149	6798100	738971	87	217	8494		
327.8775	29:46	29:46	0	1.149	4218595	468567	110	275	4260	1.61(1.32-1.78)	
PCB-84											
325.8804	30:01	30:01	0	1.159	3001631	620816	87	217	7136		
327.8775	30:01	30:01	0	1.159	1862831	393506	110	275	3577	1.61(1.32-1.78)	
PCB-89											
325.8804	30:29	30:29	0	1.177	3671377	775705	87	217	8916		
327.8775	30:29	30:29	0	1.177	2278230	486122	110	275	4419	1.61(1.32-1.78)	
PCB-121											
325.8804	30:51	30:51	0	1.191	5504734	1157928	87	217	13310		
327.8775	30:51	30:51	0	1.191	3458422	739552	110	275	6723	1.59(1.32-1.78)	
PCB-92											
325.8804	31:16	31:16	0	0.857	3422712	699608	87	217	8041		
327.8775	31:15	31:16	-1	0.857	2147119	438737	110	275	3989	1.59(1.32-1.78)	
PCB-90											
325.8804	31:49	31:49	0	1.228	11787335	1740578	87	217	20007		
327.8775	31:49	31:49	0	1.228	7599554	1109352	110	275	10085	1.55(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:49	31:49	0	1.228	11787335	1740578	87	217	20007		
327.8775	31:49	31:49	0	1.228	7599554	1109352	110	275	10085	1.55(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:49	31:49	0	1.228	11787335	1740578	87	217	20007		
327.8775	31:49	31:49	0	1.228	7599554	1109352	110	275	10085	1.55(1.32-1.78)	
PCB-83											
325.8804	32:25	32:25	0	1.251	7465368	995201	87	217	11439		
327.8775	32:25	32:25	0	1.251	4670531	628872	110	275	5717	1.60(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:25	32:25	0	1.251	7465368	995201	87	217	11439		
327.8775	32:25	32:25	0	1.251	4670531	628872	110	275	5717	1.60(1.32-1.78)	
PCB-112											M
325.8804	32:32	32:32	0	1.256	6232839	1217177	87	217	13991		M
327.8775	32:32	32:32	0	1.256	3878862	766580	110	275	6969	1.61(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-86											M
325.8804	32:54	32:54	0	1.270	26157765	2576295	87	217	29613		M
327.8775	32:54	32:54	0	1.270	16549289	1652046	110	275	15019	1.58(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:54	32:54	0	1.270	26157765	2576295	87	217	29613		M
327.8775	32:54	32:54	0	1.270	16549289	1652046	110	275	15019	1.58(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:54	32:54	0	1.270	26157765	2576295	87	217	29613		M
327.8775	32:54	32:54	0	1.270	16549289	1652046	110	275	15019	1.58(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:54	32:54	0	1.270	26157765	2576295	87	217	29613		M
327.8775	32:54	32:54	0	1.270	16549289	1652046	110	275	15019	1.58(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:54	32:54	0	1.270	26157765	2576295	87	217	29613		M
327.8775	32:54	32:54	0	1.270	16549289	1652046	110	275	15019	1.58(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:54	32:54	0	1.270	26157765	2576295	87	217	29613		M
327.8775	32:54	32:54	0	1.270	16549289	1652046	110	275	15019	1.58(1.32-1.78)	M
PCB-85											
325.8804	33:38	33:38	0	1.298	12892060	1365177	87	217	15692		
327.8775	33:38	33:38	0	1.298	8246781	873573	110	275	7942	1.56(1.32-1.78)	
PCB-116 (C85)											
325.8804	33:38	33:38	0	1.298	12892060	1365177	87	217	15692		
327.8775	33:38	33:38	0	1.298	8246781	873573	110	275	7942	1.56(1.32-1.78)	
PCB-117 (C85)											
325.8804	33:38	33:38	0	1.298	12892060	1365177	87	217	15692		
327.8775	33:38	33:38	0	1.298	8246781	873573	110	275	7942	1.56(1.32-1.78)	
PCB-110											
325.8804	33:52	33:52	0	1.307	11387919	1723667	87	217	19812		
327.8775	33:52	33:52	0	1.307	7149241	1083241	110	275	9848	1.59(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:52	33:52	0	1.307	11387919	1723667	87	217	19812		
327.8775	33:52	33:52	0	1.307	7149241	1083241	110	275	9848	1.59(1.32-1.78)	
PCB-82											
325.8804	34:10	34:10	0	1.319	3696395	689886	87	217	7930		
327.8775	34:10	34:10	0	1.319	2320615	436266	110	275	3966	1.59(1.32-1.78)	
PCB-111											
325.8804	34:31	34:31	0	1.332	5174580	1043816	87	217	11998		
327.8775	34:31	34:31	0	1.332	3237978	655019	110	275	5955	1.60(1.32-1.78)	
PCB-120											
325.8804	34:58	34:58	0	1.350	6330917	1273740	87	217	14641		
327.8775	34:58	34:58	0	1.350	4061046	816863	110	275	7426	1.56(1.32-1.78)	
PCB-108											
325.8804	36:08	36:08	0	1.395	13409085	2643832	4416	11040	599		
327.8775	36:08	36:08	0	1.395	8521356	1722100	3015	7537	571	1.57(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-124 (C108)											
325.8804	36:08	36:08	0	1.395	13409085	2643832	4416	11040	599		
327.8775	36:08	36:08	0	1.395	8521356	1722100	3015	7537	571	1.57(1.32-1.78)	
PCB-107											
325.8804	36:22	36:22	0	1.404	7324827	1399527	4416	11040	317		
327.8775	36:22	36:22	0	1.404	4820463	914437	3015	7537	303	1.52(1.32-1.78)	
PCB-123											
325.8804	36:29	36:29	0	1.001	5925207	1296827	4416	11040	294		
327.8775	36:29	36:29	0	1.001	3789681	816838	3015	7537	271	1.56(1.32-1.78)	
PCB-106											
325.8804	36:36	36:36	0	1.004	7320388	1433447	4416	11040	325		
327.8775	36:36	36:36	0	1.004	4697997	921583	3015	7537	306	1.56(1.32-1.78)	
PCB-118											M
325.8804	36:49	36:49	0	1.001	6529701	1298326	4416	11040	294		M
327.8775	36:49	36:49	0	1.001	4170125	825239	3015	7537	274	1.57(1.32-1.78)	M
PCB-122											
325.8804	37:11	37:11	0	1.011	5603687	1108125	4416	11040	251		
327.8775	37:11	37:11	0	1.011	3580689	704318	3015	7537	234	1.56(1.32-1.78)	
PCB-114											
325.8804	37:21	37:21	0	1.000	6749706	1256895	4416	11040	285		
327.8775	37:21	37:21	0	1.000	4243038	798286	3015	7537	265	1.59(1.32-1.78)	
PCB-105											M
325.8804	38:02	38:02	0	1.001	6382617	1213364	4416	11040	275		M
327.8775	38:02	38:02	0	1.001	4139487	787492	3015	7537	261	1.54(1.32-1.78)	M
PCB-127											M
325.8804	39:28	39:28	0	1.039	7246995	1417074	4416	11040	321		M
327.8775	39:28	39:28	0	1.039	4637559	883832	3015	7537	293	1.56(1.32-1.78)	M
PCB-126											
325.8804	41:06	41:06	0	1.000	7493802	1306808	4416	11040	296		
327.8775	41:06	41:06	0	1.000	4694308	826660	3015	7537	274	1.60(1.32-1.78)	
PCB-155L											
371.8817	31:32	31:32	0	0.790	7486729	1537131	115	287	13366		
373.8788	31:33	31:32	1	0.790	5930094	1227996	186	465	6602	1.26(1.05-1.43)	
PCB-153L											
371.8817	38:40	38:40	0	0.901	3994862	801821	3386	8465	237		
373.8788	38:40	38:40	0	0.901	3107956	621328	2941	7352	211	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:55	39:55	0		8136815	1631699	3386	8465	482		
373.8788	39:55	39:55	0		6360490	1285617	2941	7352	437	1.28(1.05-1.43)	
PCB-167L											
371.8817	42:55	42:55	0	1.075	10174580	1989337	3386	8465	588		
373.8788	42:55	42:55	0	1.075	7944190	1552461	2941	7352	528	1.28(1.05-1.43)	
PCB-156L											
371.8817	44:06	44:06	0	1.104	20081746	2429503	3386	8465	718		
373.8788	44:06	44:06	0	1.104	15749496	1907452	2941	7352	649	1.28(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-157L (C156L)											
371.8817	44:06	44:06	0	1.104	20081746	2429503	3386	8465	718		
373.8788	44:06	44:06	0	1.104	15749496	1907452	2941	7352	649	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:21	47:21	0	1.186	10486877	1996043	3386	8465	589		
373.8788	47:21	47:21	0	1.186	8265903	1572999	2941	7352	535	1.27(1.05-1.43)	
PCB-155											
359.8415	31:34	31:34	0	1.001	3458560	729889	44	110	16588		
361.8385	31:34	31:34	0	1.001	2727378	581084	100	250	5811	1.27(1.05-1.43)	
PCB-152											
359.8415	31:49	31:49	0	1.009	4248356	889354	44	110	20213		
361.8385	31:49	31:49	0	1.009	3334484	707668	100	250	7077	1.27(1.05-1.43)	
PCB-150											
359.8415	31:58	31:58	0	1.013	3711492	752673	44	110	17106		
361.8385	31:58	31:58	0	1.013	2967198	602984	100	250	6030	1.25(1.05-1.43)	
PCB-136											
359.8415	32:22	32:22	0	1.026	3538512	728222	44	110	16551		
361.8385	32:22	32:22	0	1.026	2768107	569787	100	250	5698	1.28(1.05-1.43)	
PCB-145											
359.8415	32:38	32:38	0	1.035	4039084	827360	44	110	18804		
361.8385	32:38	32:38	0	1.035	3247869	660380	100	250	6604	1.24(1.05-1.43)	
PCB-148											
359.8415	34:08	34:08	0	1.082	2742485	556100	44	110	12639		
361.8385	34:07	34:08	-1	1.082	2201353	437779	100	250	4378	1.25(1.05-1.43)	
PCB-135											M
359.8415	34:48	34:48	0	1.103	5535322	629567	44	110	14308		M
361.8385	34:48	34:48	0	1.103	4317614	501241	100	250	5012	1.28(1.05-1.43)	M
PCB-151 (C135)											M
359.8415	34:48	34:48	0	1.103	5535322	629567	44	110	14308		M
361.8385	34:48	34:48	0	1.103	4317614	501241	100	250	5012	1.28(1.05-1.43)	M
PCB-154											
359.8415	34:58	34:58	0	1.109	3058824	617820	44	110	14041		
361.8385	34:58	34:58	0	1.109	2408787	474789	100	250	4748	1.27(1.05-1.43)	
PCB-144											
359.8415	35:18	35:18	0	1.119	2771131	562252	44	110	12778		
361.8385	35:18	35:18	0	1.119	2199229	440649	100	250	4406	1.26(1.05-1.43)	
PCB-147											
359.8415	35:40	35:40	0	1.131	8320528	1710276	3197	7992	535		
361.8385	35:40	35:40	0	1.131	6700467	1358897	2097	5242	648	1.24(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:40	35:40	0	1.131	8320528	1710276	3197	7992	535		
361.8385	35:40	35:40	0	1.131	6700467	1358897	2097	5242	648	1.24(1.05-1.43)	
PCB-134											
359.8415	35:58	35:58	0	1.141	6833125	765565	3197	7992	239		
361.8385	35:58	35:58	0	1.141	5485498	622044	2097	5242	297	1.25(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-143 (C134)											
359.8415	35:58	35:58	0	1.141	6833125	765565	3197	7992	239		
361.8385	35:58	35:58	0	1.141	5485498	622044	2097	5242	297	1.25(1.05-1.43)	
PCB-139											
359.8415	36:15	36:15	0	1.149	8253920	1430537	3197	7992	447		
361.8385	36:15	36:15	0	1.149	6676154	1152483	2097	5242	550	1.24(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:15	36:15	0	1.149	8253920	1430537	3197	7992	447		
361.8385	36:15	36:15	0	1.149	6676154	1152483	2097	5242	550	1.24(1.05-1.43)	
PCB-131											
359.8415	36:28	36:28	0	1.156	3441591	689288	3197	7992	216		
361.8385	36:28	36:28	0	1.156	2677189	561006	2097	5242	268	1.29(1.05-1.43)	
PCB-142											
359.8415	36:37	36:37	0	1.161	3376403	693388	3197	7992	217		
361.8385	36:37	36:37	0	1.161	2777737	565937	2097	5242	270	1.22(1.05-1.43)	
PCB-132											
359.8415	36:58	36:58	0	1.172	3584466	721216	3197	7992	226		
361.8385	36:58	36:58	0	1.172	2911717	583819	2097	5242	278	1.23(1.05-1.43)	
PCB-133											
359.8415	37:25	37:25	0	1.186	3945139	792550	3197	7992	248		
361.8385	37:25	37:25	0	1.186	3143159	627557	2097	5242	299	1.26(1.05-1.43)	
PCB-165											
359.8415	37:49	37:49	0	0.881	4872905	962689	3197	7992	301		
361.8385	37:49	37:49	0	0.881	3828083	756045	2097	5242	361	1.27(1.05-1.43)	
PCB-146											
359.8415	38:04	38:04	0	0.887	4512089	961680	3197	7992	301		
361.8385	38:04	38:04	0	0.887	3832030	758370	2097	5242	362	1.18(1.05-1.43)	
PCB-161											
359.8415	38:12	38:12	0	0.890	5857767	1124346	3197	7992	352		
361.8385	38:11	38:12	-1	0.890	4433837	899018	2097	5242	429	1.32(1.05-1.43)	
PCB-153											
359.8415	38:42	38:42	0	0.902	10446778	1656912	3197	7992	518		
361.8385	38:42	38:42	0	0.902	8292523	1298057	2097	5242	619	1.26(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:42	38:42	0	0.902	10446778	1656912	3197	7992	518		
361.8385	38:42	38:42	0	0.902	8292523	1298057	2097	5242	619	1.26(1.05-1.43)	
PCB-141											
359.8415	38:54	38:54	0	0.906	3786555	749799	3197	7992	235		
361.8385	38:54	38:54	0	0.906	3195798	612764	2097	5242	292	1.18(1.05-1.43)	
PCB-130											
359.8415	39:18	39:18	0	0.916	3211187	639417	3197	7992	200		
361.8385	39:18	39:18	0	0.916	2560226	514604	2097	5242	245	1.25(1.05-1.43)	
PCB-137											
359.8415	39:31	39:31	0	0.921	3806879	765943	3197	7992	240		
361.8385	39:31	39:31	0	0.921	3056882	621962	2097	5242	297	1.25(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-164											
359.8415	39:39	39:39	0	0.924	5534040	1114030	3197	7992	348		
361.8385	39:39	39:39	0	0.924	4454214	911055	2097	5242	434	1.24(1.05-1.43)	
PCB-129											M
359.8415	39:57	39:57	0	0.931	17624995	1988455	3197	7992	622		M
361.8385	39:57	39:57	0	0.931	13983338	1571410	2097	5242	749	1.26(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:57	39:57	0	0.931	17624995	1988455	3197	7992	622		M
361.8385	39:57	39:57	0	0.931	13983338	1571410	2097	5242	749	1.26(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:57	39:57	0	0.931	17624995	1988455	3197	7992	622		M
361.8385	39:57	39:57	0	0.931	13983338	1571410	2097	5242	749	1.26(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:57	39:57	0	0.931	17624995	1988455	3197	7992	622		M
361.8385	39:57	39:57	0	0.931	13983338	1571410	2097	5242	749	1.26(1.05-1.43)	M
PCB-158											
359.8415	40:20	40:20	0	0.940	5697543	1072915	3197	7992	336		
361.8385	40:20	40:20	0	0.940	4470247	835053	2097	5242	398	1.27(1.05-1.43)	
PCB-128											
359.8415	41:10	41:10	0	0.959	9531135	1234535	3197	7992	386		
361.8385	41:10	41:10	0	0.959	7622049	972378	2097	5242	464	1.25(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:10	41:10	0	0.959	9531135	1234535	3197	7992	386		
361.8385	41:10	41:10	0	0.959	7622049	972378	2097	5242	464	1.25(1.05-1.43)	
PCB-159											
359.8415	42:10	42:10	0	0.983	6443595	1260937	3197	7992	394		
361.8385	42:10	42:10	0	0.983	5139633	1024451	2097	5242	489	1.25(1.05-1.43)	
PCB-162											M
359.8415	42:28	42:28	0	0.990	5323018	1052141	3197	7992	329		M
361.8385	42:28	42:28	0	0.990	4370010	854682	2097	5242	408	1.22(1.05-1.43)	M
PCB-167											
359.8415	42:57	42:57	0	1.001	5507897	1066503	3197	7992	334		
361.8385	42:57	42:57	0	1.001	4422362	855870	2097	5242	408	1.25(1.05-1.43)	
PCB-156											
359.8415	44:07	44:07	0	1.001	10422091	1241711	3197	7992	388		
361.8385	44:06	44:07	-1	1.000	8437874	1001738	2097	5242	478	1.24(1.05-1.43)	
PCB-157 (C156)											
359.8415	44:07	44:07	0	1.001	10422091	1241711	3197	7992	388		
361.8385	44:06	44:07	-1	1.000	8437874	1001738	2097	5242	478	1.24(1.05-1.43)	
PCB-169											
359.8415	47:21	47:21	0	1.000	6350460	1166485	3197	7992	365		
361.8385	47:21	47:21	0	1.000	5041428	927870	2097	5242	442	1.26(1.05-1.43)	
PCB-188L											
405.8428	37:17	37:17	0	0.820	7404847	1499972	138	345	10869		
407.8398	37:17	37:17	0	0.820	6880261	1399467	111	277	12608	1.08(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-178L											
405.8428	40:21	40:21	0	0.887	2690007	534953	138	345	3876		
407.8398	40:21	40:21	0	0.887	2495347	489555	111	277	4410	1.08(0.89-1.21)	
PCB-180L											
405.8428	45:28	45:28	0		6036547	1139024	138	345	8254		
407.8398	45:28	45:28	-1		5628643	1103183	111	277	9939	1.07(0.89-1.21)	
PCB-170L											
405.8428	46:45	46:45	0	1.028	5021385	971362	138	345	7039		
407.8398	46:45	46:45	0	1.028	4784500	912504	111	277	8221	1.05(0.89-1.21)	
PCB-189L											
405.8428	49:51	49:51	0	1.096	11591018	2227802	1003	2507	2221		
407.8398	49:51	49:51	0	1.096	10961541	2109541	729	1822	2894	1.06(0.89-1.21)	
PCB-188											
393.8025	37:19	37:19	0	1.001	3948922	789501	56	140	14098		
395.7995	37:19	37:19	0	1.001	3710977	755196	15	37	50346	1.06(0.89-1.21)	
PCB-179											
393.8025	37:41	37:41	0	1.011	4235005	846696	56	140	15120		
395.7995	37:41	37:41	0	1.011	4034266	807016	15	37	53801	1.05(0.89-1.21)	
PCB-184											
393.8025	38:10	38:10	0	1.024	3981953	797715	56	140	14245		
395.7995	38:10	38:10	0	1.024	3773186	756432	15	37	50429	1.06(0.89-1.21)	
PCB-176											
393.8025	38:34	38:34	0	1.034	3712964	724084	56	140	12930		
395.7995	38:34	38:34	0	1.034	3538935	688846	15	37	45923	1.05(0.89-1.21)	
PCB-186											
393.8025	39:01	39:01	0	1.046	4546878	908775	56	140	16228		
395.7995	39:01	39:01	0	1.046	4388271	864732	15	37	57649	1.04(0.89-1.21)	
PCB-178											
393.8025	40:23	40:23	0	1.083	2729816	535310	56	140	9559		
395.7995	40:23	40:23	0	1.083	2598263	523316	15	37	34888	1.05(0.89-1.21)	
PCB-175											
393.8025	41:01	41:01	0	1.100	2792700	547902	56	140	9784		
395.7995	41:01	41:01	0	1.100	2651184	522031	15	37	34802	1.05(0.89-1.21)	
PCB-187											
393.8025	41:17	41:17	0	1.107	3517093	706425	56	140	12615		
395.7995	41:17	41:17	0	1.107	3260998	653788	15	37	43586	1.08(0.89-1.21)	
PCB-182											
393.8025	41:29	41:29	0	1.113	3396048	666560	56	140	11903		
395.7995	41:29	41:29	0	1.113	3268849	647006	15	37	43134	1.04(0.89-1.21)	
PCB-183											M
393.8025	41:54	41:54	0	1.124	5902996	634114	56	140	11323		M
395.7995	41:54	41:54	0	1.124	5538276	592282	15	37	39485	1.07(0.89-1.21)	M
PCB-185 (C183)											M
393.8025	41:54	41:54	0	1.124	5902996	634114	56	140	11323		M
395.7995	41:54	41:54	0	1.124	5538276	592282	15	37	39485	1.07(0.89-1.21)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-174											
393.8025	42:09	42:09	0	1.131	3052120	579612	56	140	10350		
395.7995	42:09	42:09	0	1.131	2892886	571743	15	37	38116	1.06(0.89-1.21)	
PCB-177											
393.8025	42:36	42:36	0	1.142	3010113	557630	56	140	9958		
395.7995	42:36	42:36	0	1.142	2835453	528537	15	37	35236	1.06(0.89-1.21)	
PCB-181											
393.8025	42:58	42:58	0	1.152	3219724	632852	56	140	11301		
395.7995	42:58	42:58	0	1.152	3081438	603065	15	37	40204	1.04(0.89-1.21)	
PCB-171											
393.8025	43:13	43:13	0	1.159	5504020	981177	56	140	17521		
395.7995	43:13	43:13	0	1.159	5211142	933877	15	37	62258	1.06(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:13	43:13	0	1.159	5504020	981177	56	140	17521		
395.7995	43:13	43:13	0	1.159	5211142	933877	15	37	62258	1.06(0.89-1.21)	
PCB-172											
393.8025	44:51	44:51	0	0.899	2916006	582913	56	140	10409		
395.7995	44:51	44:51	0	0.899	2737629	541791	15	37	36119	1.07(0.89-1.21)	
PCB-192											
393.8025	45:06	45:06	0	0.905	4371768	856522	56	140	15295		
395.7995	45:06	45:06	0	0.905	4160815	814851	15	37	54323	1.05(0.89-1.21)	
PCB-180											
393.8025	45:28	45:28	0	0.912	7247097	936869	56	140	16730		
395.7995	45:27	45:28	-1	0.912	6913534	914033	15	37	60936	1.05(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:28	45:28	0	0.912	7247097	936869	56	140	16730		
395.7995	45:27	45:28	-1	0.912	6913534	914033	15	37	60936	1.05(0.89-1.21)	
PCB-191											
393.8025	45:51	45:51	0	0.919	4052052	763941	56	140	13642		
395.7995	45:51	45:51	0	0.919	3779297	729010	15	37	48601	1.07(0.89-1.21)	
PCB-170											
393.8025	46:46	46:46	0	0.938	2712950	515494	56	140	9205		
395.7995	46:47	46:46	1	0.938	2651248	504279	15	37	33619	1.02(0.89-1.21)	
PCB-190											M
393.8025	47:17	47:17	0	0.948	4087484	748992	56	140	13375		M
395.7995	47:17	47:17	0	0.948	3929695	724028	15	37	48269	1.04(0.89-1.21)	
PCB-189											
393.8025	49:53	49:53	0	1.001	5815236	1111547	1106	2765	1005		
395.7995	49:53	49:53	0	1.001	5571134	1057225	887	2217	1192	1.04(0.89-1.21)	
PCB-202L											
439.8038	42:40	42:40	0	0.821	5519118	1088887	123	307	8853		
441.8008	42:40	42:40	0	0.821	6094115	1186132	119	297	9967	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:57	51:57	0		7283473	1393147	440	1100	3166		
441.8008	51:57	51:57	0		8131670	1575115	464	1160	3395	0.90(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-205L											
439.8038	52:25	52:25	0	1.009	8795941	1629816	440	1100	3704		
441.8008	52:25	52:25	0	1.009	9730493	1831050	464	1160	3946	0.90(0.76-1.02)	
PCB-202											
427.7635	42:42	42:42	0	1.001	2806490	538638	96	240	5611		
429.7606	42:42	42:42	0	1.001	3111633	607600	50	125	12152	0.90(0.76-1.02)	
PCB-201											
427.7635	43:37	43:37	0	1.022	2661152	525899	96	240	5478		
429.7606	43:37	43:37	0	1.022	2998879	581015	50	125	11620	0.89(0.76-1.02)	
PCB-204											
427.7635	44:17	44:17	0	1.038	3111563	616700	96	240	6424		
429.7606	44:17	44:17	0	1.038	3458326	670919	50	125	13418	0.90(0.76-1.02)	
PCB-197											
427.7635	44:31	44:31	0	1.043	2925176	572988	96	240	5969		
429.7606	44:31	44:31	0	1.043	3253973	650832	50	125	13017	0.90(0.76-1.02)	
PCB-200											
427.7635	44:39	44:39	0	1.046	2825872	546083	96	240	5688		
429.7606	44:39	44:39	0	1.046	3146087	609774	50	125	12195	0.90(0.76-1.02)	
PCB-198											
427.7635	47:25	47:25	0	1.111	4857854	589356	96	240	6139		
429.7606	47:25	47:25	0	1.111	5401481	664410	50	125	13288	0.90(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:25	47:25	0	1.111	4857854	589356	96	240	6139		
429.7606	47:25	47:25	0	1.111	5401481	664410	50	125	13288	0.90(0.76-1.02)	
PCB-196											
427.7635	48:06	48:06	0	0.918	2259434	443841	96	240	4623		
429.7606	48:06	48:06	0	0.918	2463808	473395	50	125	9468	0.92(0.76-1.02)	
PCB-203											
427.7635	48:17	48:17	0	0.921	2770684	520947	96	240	5427		
429.7606	48:18	48:17	1	0.921	3093678	588607	50	125	11772	0.90(0.76-1.02)	
PCB-195											
427.7635	49:38	49:38	0	0.947	3626929	707156	816	2040	867		
429.7606	49:38	49:38	0	0.947	4039773	772255	915	2287	844	0.90(0.76-1.02)	
PCB-194											
427.7635	51:59	51:59	0	0.992	4088584	770667	816	2040	944		
429.7606	51:59	51:59	0	0.992	4551159	850433	915	2287	929	0.90(0.76-1.02)	
PCB-205											
427.7635	52:27	52:27	0	1.000	4831877	927527	816	2040	1137		
429.7606	52:27	52:27	0	1.000	5392854	1027284	915	2287	1123	0.90(0.76-1.02)	
PCB-208L											
473.7648	49:21	49:21	0	0.950	6889545	1320651	946	2365	1396		
475.7619	49:21	49:21	0	0.950	8607773	1644455	1017	2542	1617	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:10	54:10	0	1.042	4961614	950894	946	2365	1005		
475.7619	54:10	54:10	0	1.042	6115543	1162496	1017	2542	1143	0.81(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-208											
461.7246	49:22	49:22	0	1.000	3442575	649370	2834	7085	229		
463.7216	49:22	49:22	0	1.000	4385575	838442	3009	7522	279	0.78(0.65-0.89)	
PCB-207											
461.7246	50:18	50:18	0	1.019	3652183	704710	2834	7085	249		
463.7216	50:18	50:18	0	1.019	4520455	877478	3009	7522	292	0.81(0.65-0.89)	
PCB-206											
461.7246	54:11	54:11	0	1.000	3037034	580736	2834	7085	205		
463.7216	54:11	54:11	0	1.000	3887042	742858	3009	7522	247	0.78(0.65-0.89)	
PCB-209L											
507.7258	55:46	55:46	0	1.073	4782286	861427	185	462	4656		
509.7229	55:46	55:46	0	1.073	6652285	1189129	171	427	6954	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:47	55:47	0	1.000	2392007	421863	128	320	3296		
497.6826	55:47	55:47	0	1.000	3366150	595535	164	410	3631	0.71(0.59-0.79)	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

61CV1668CS3_00015 Amount Added: 20.00 Units: uL

Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date: 08-Oct-2021 14:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

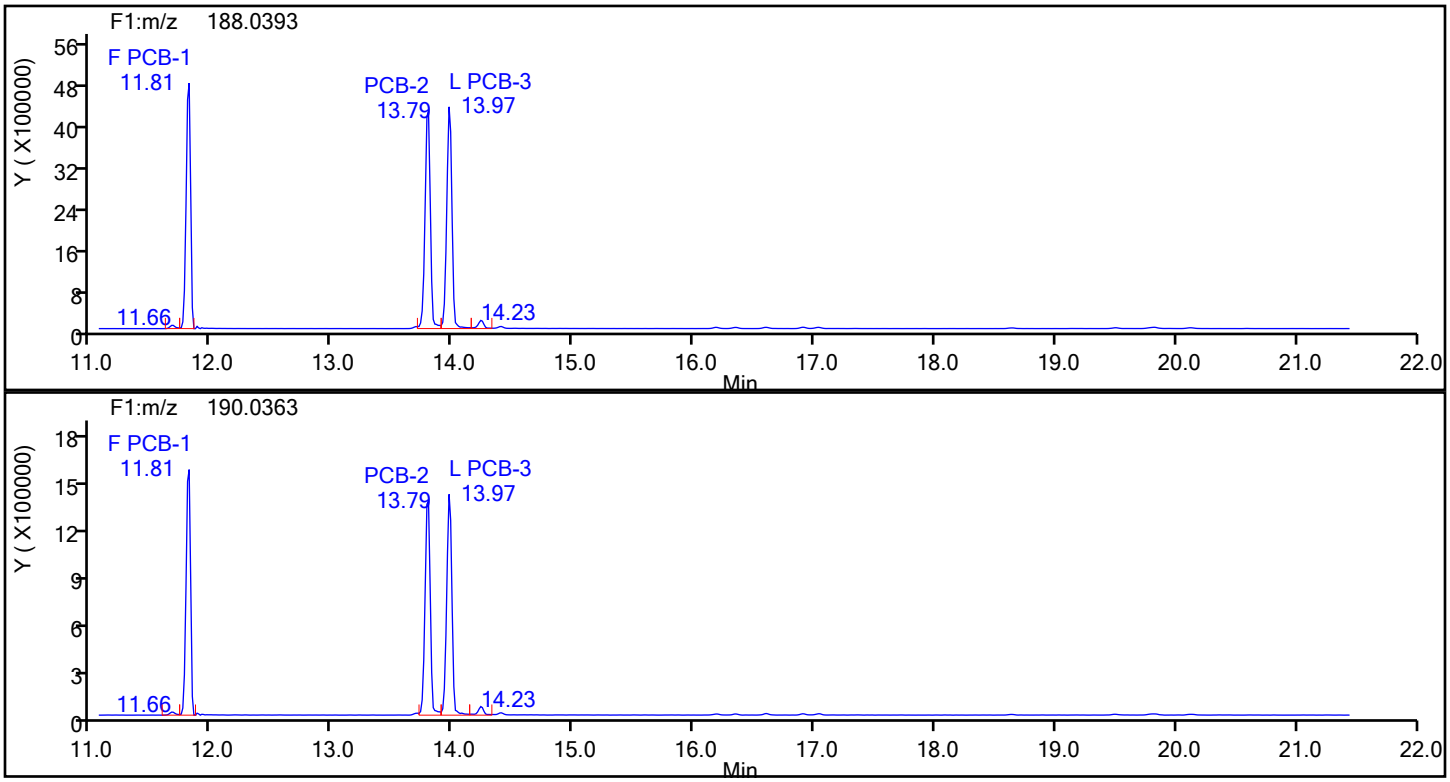
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

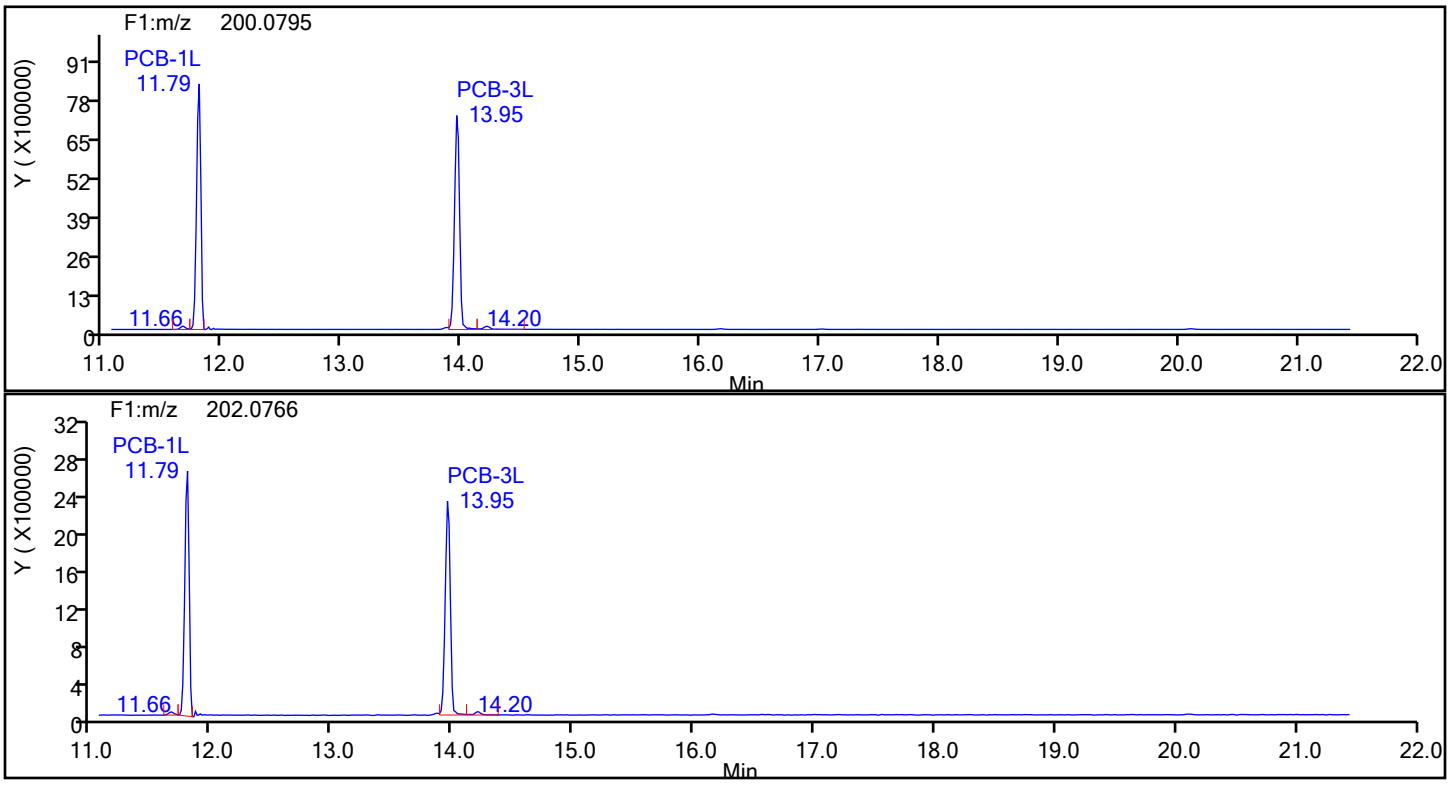
Worklist#: 54640 Sample Line#: 4

Column Type: Column Dia:

MoPCB F1



MoPCB F1 Standards



Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

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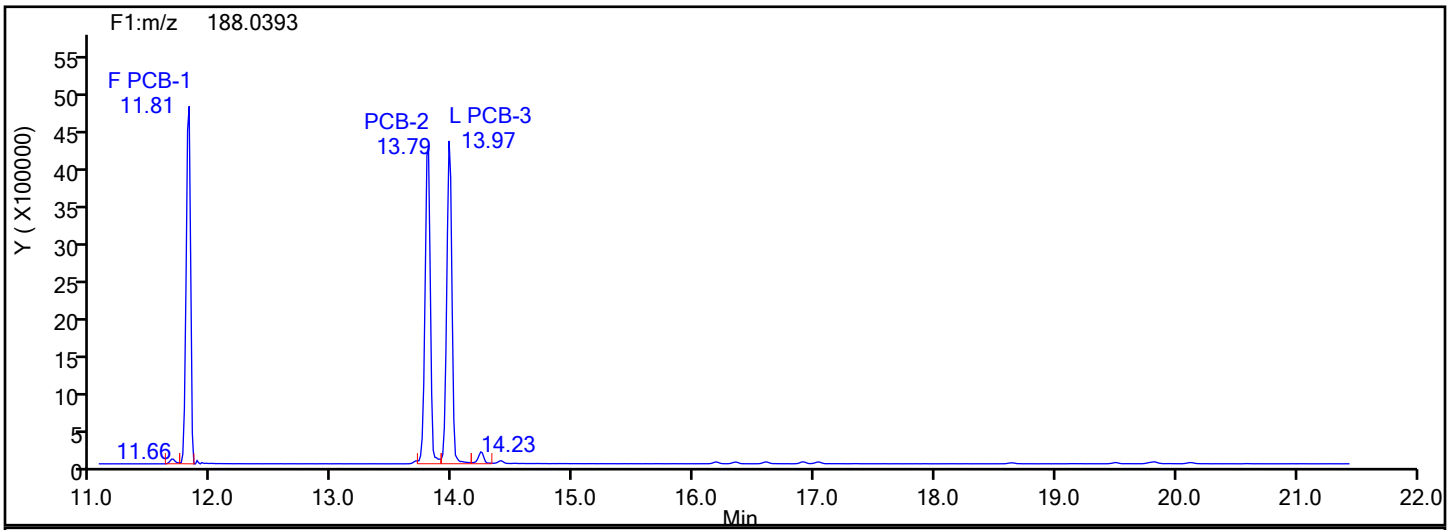
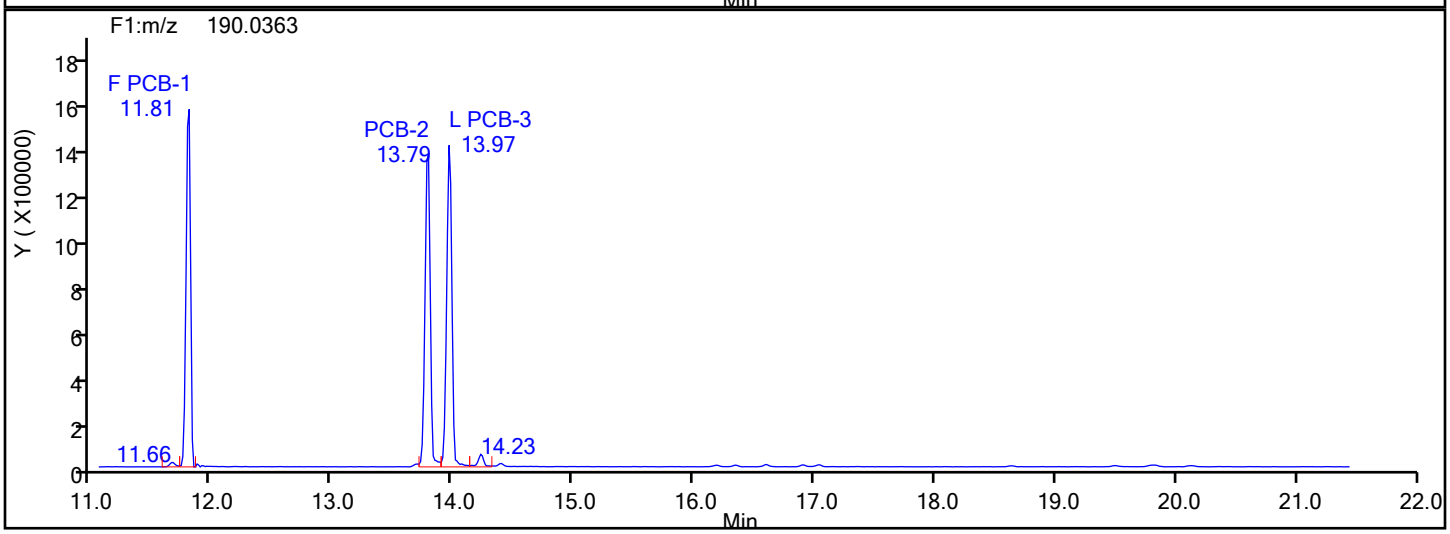
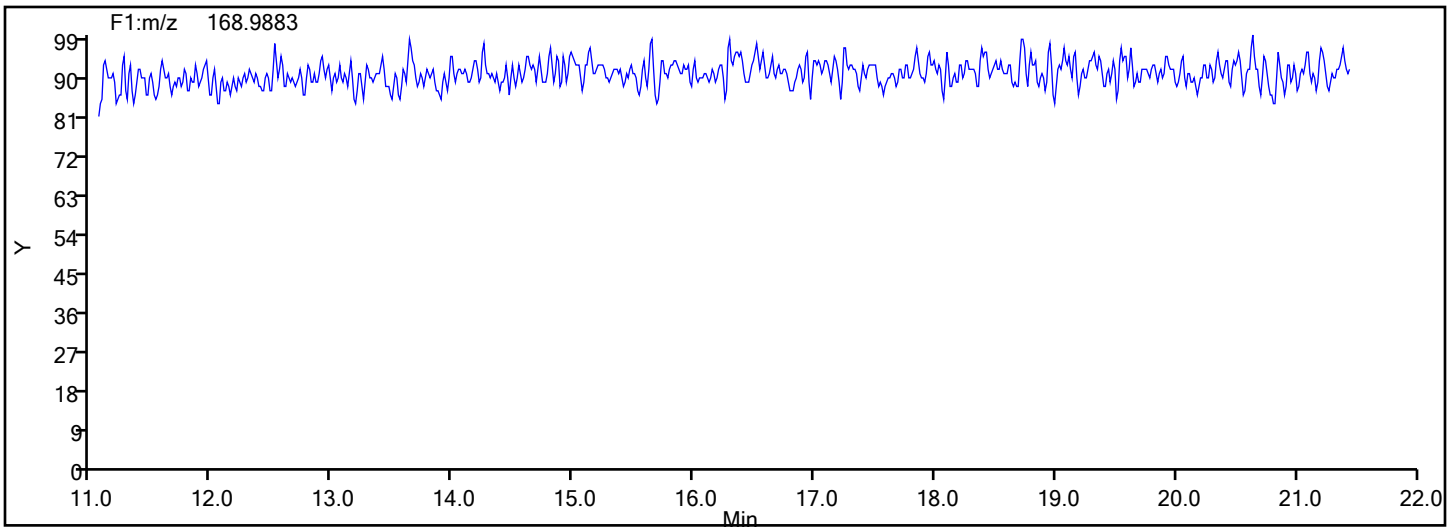
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
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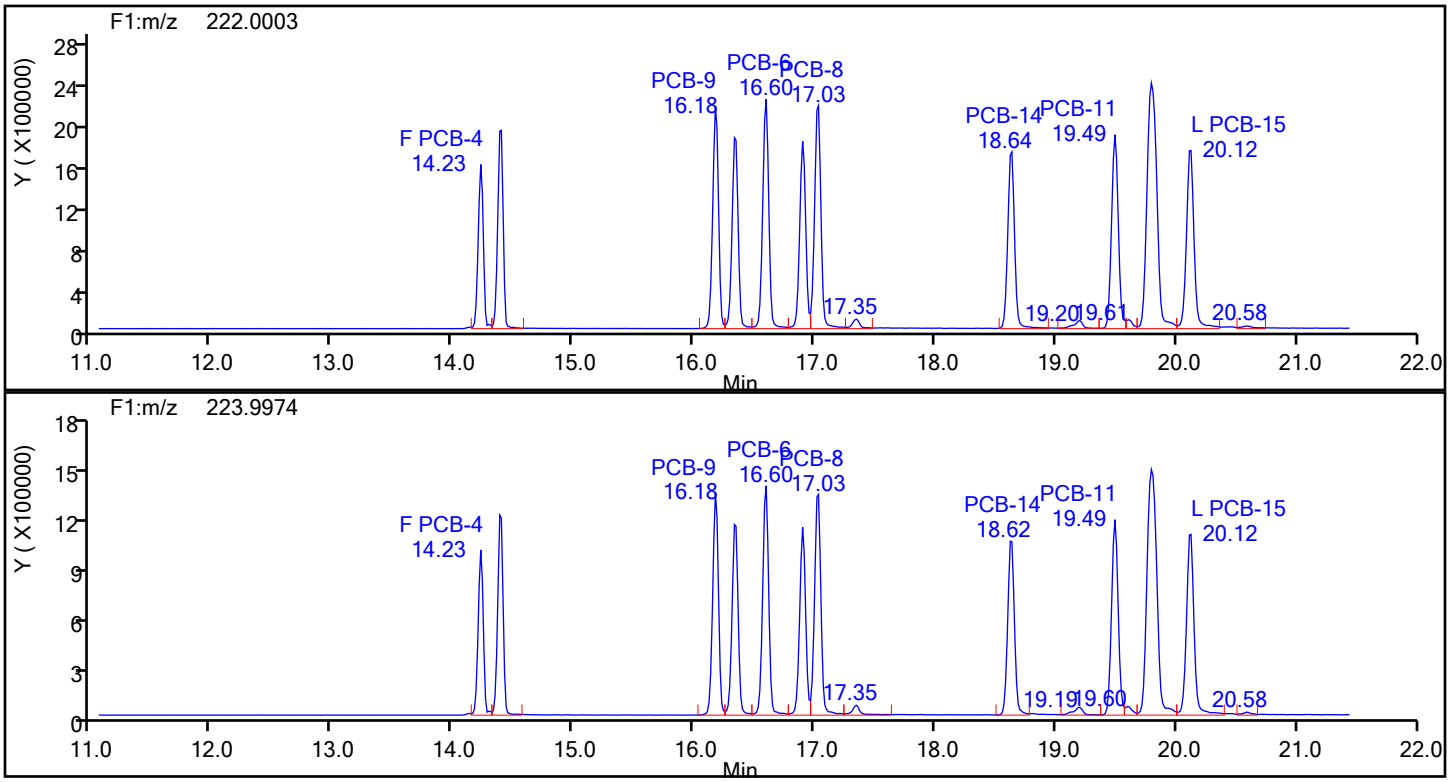
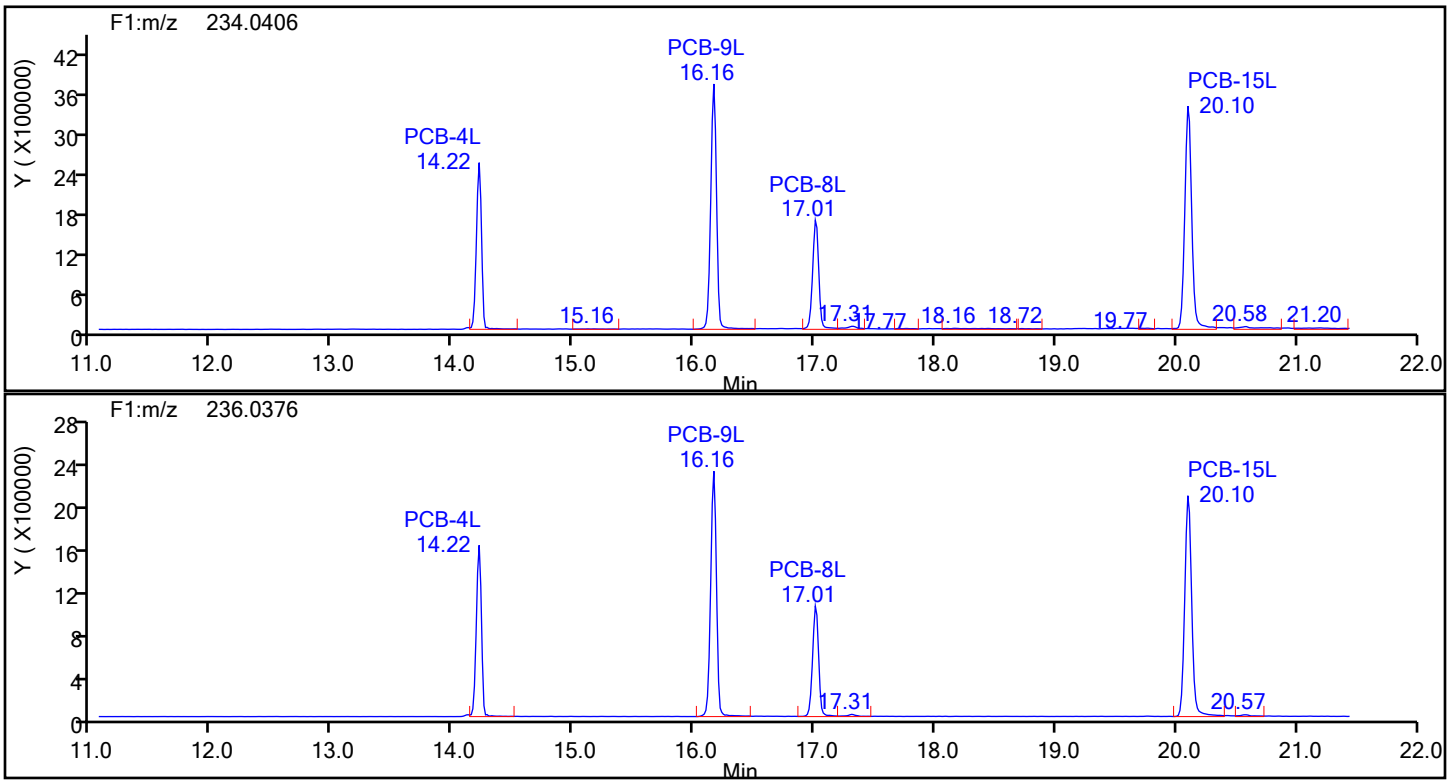
DiPCB F1



DiPCB F1 Standards



Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

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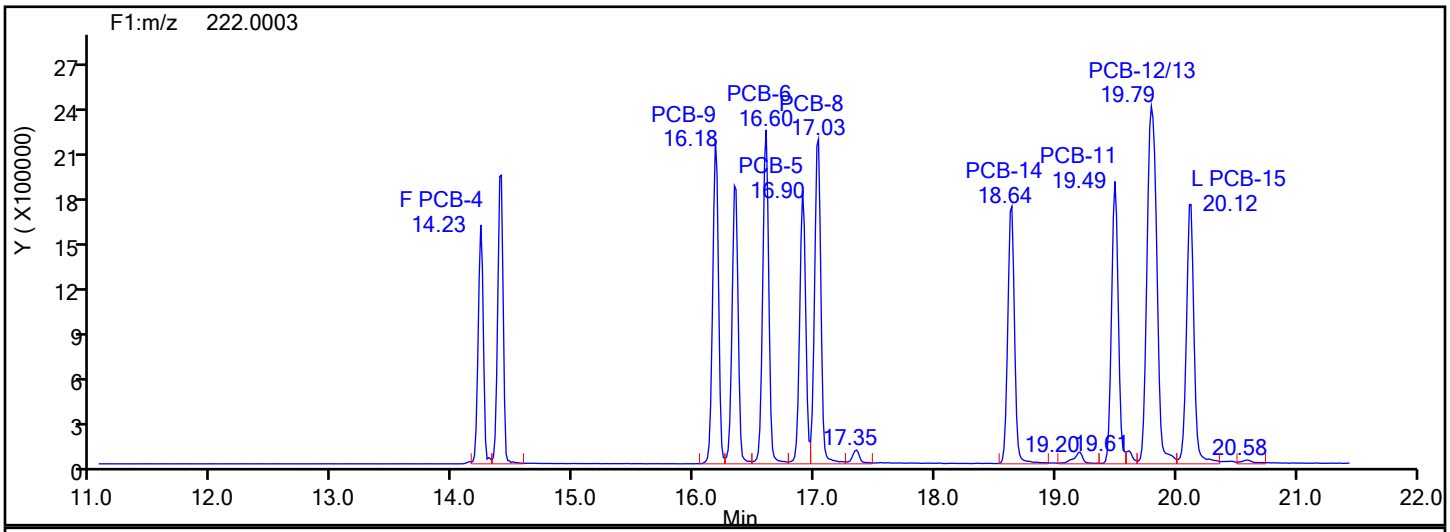
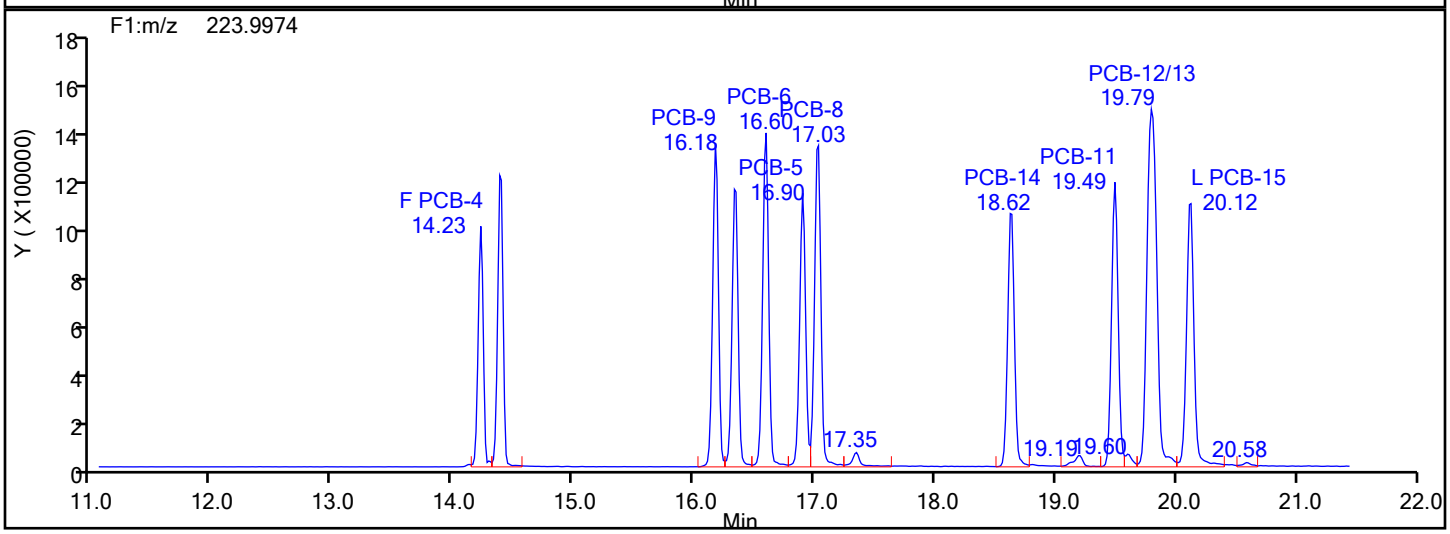
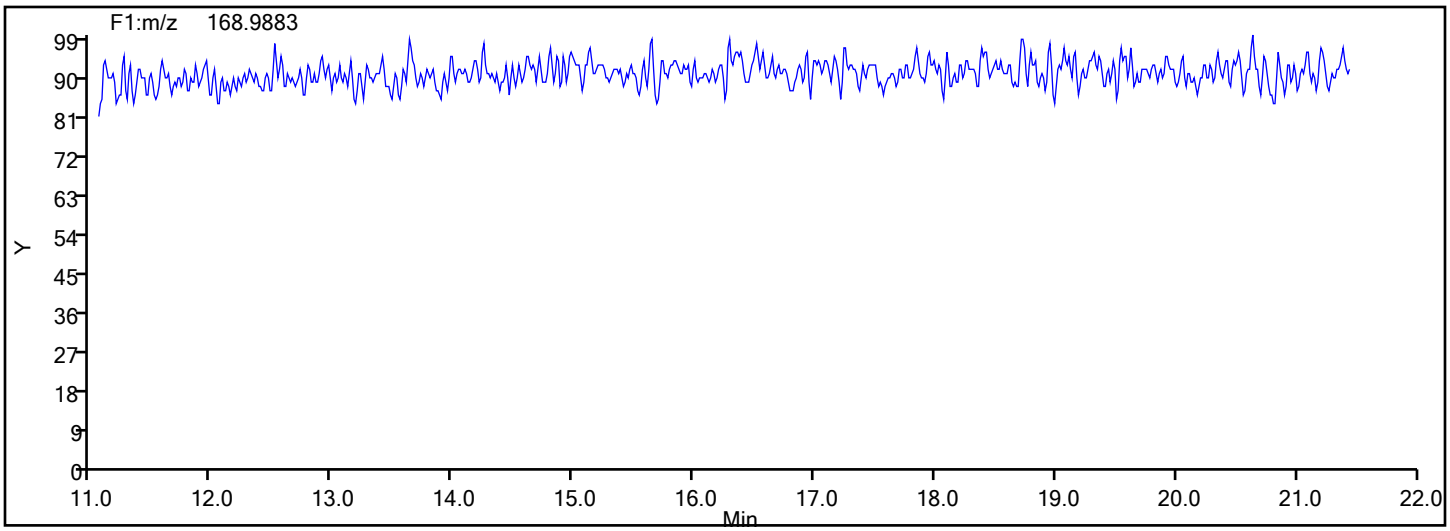
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



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Eurofins TestAmerica, Knoxville

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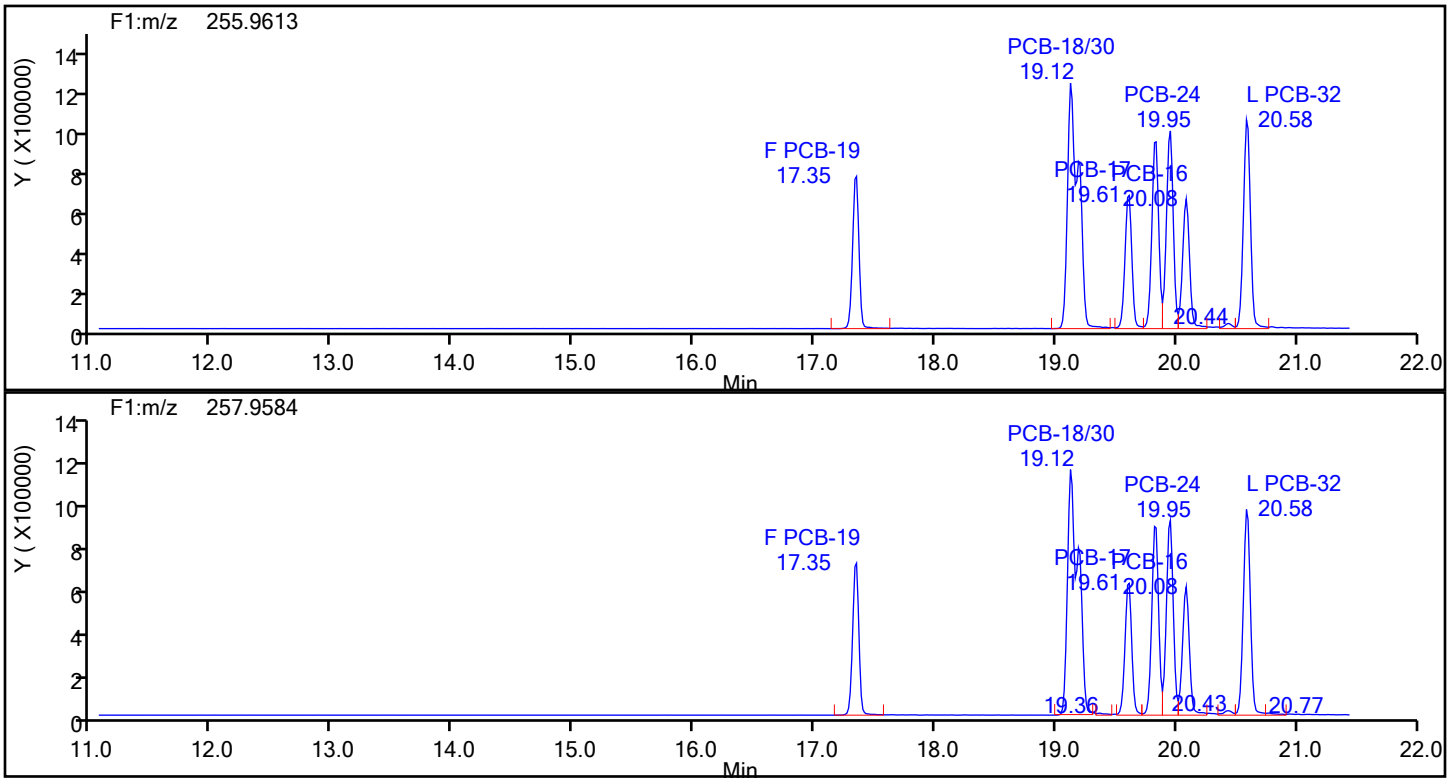
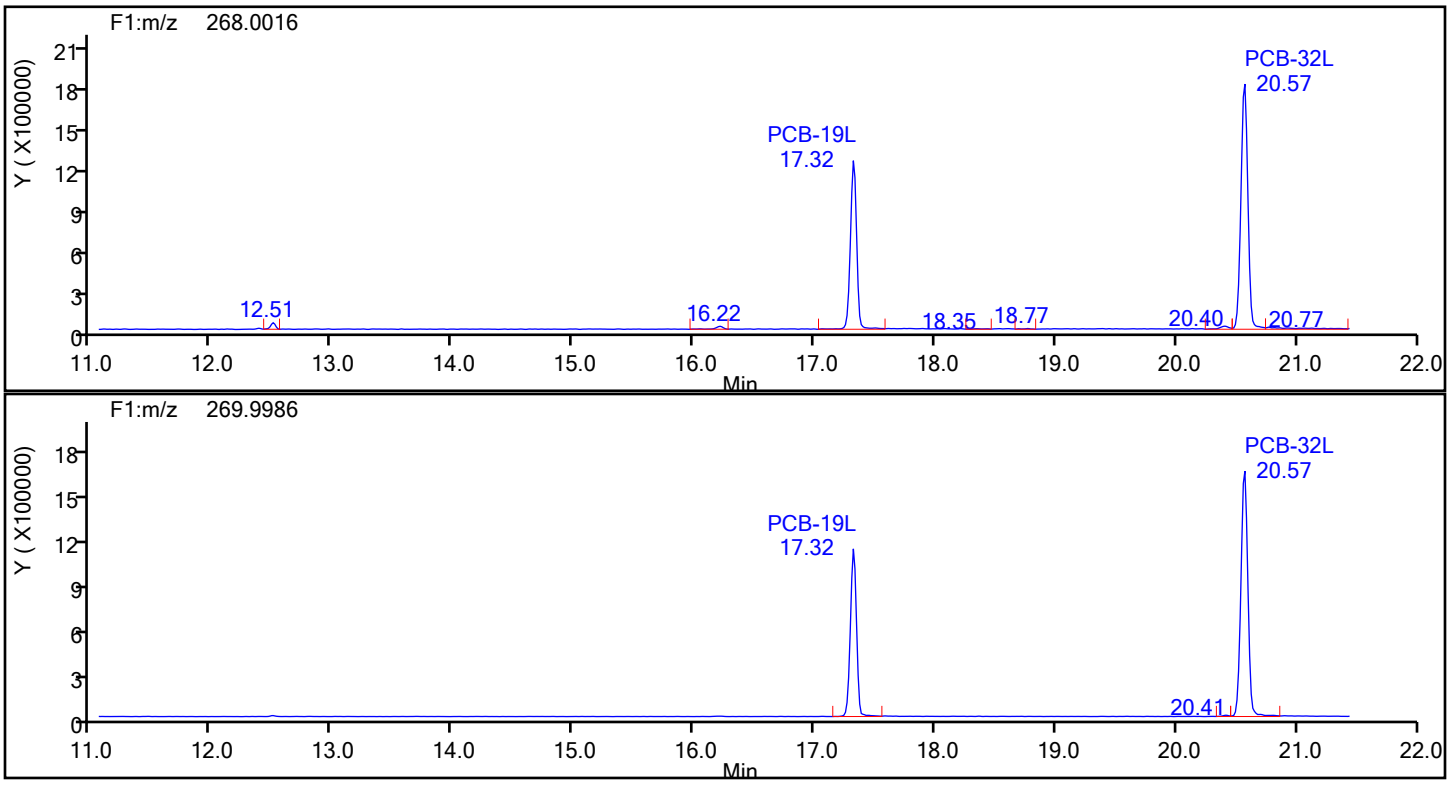
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

TriPCB F1



TriPCB F1 Standards

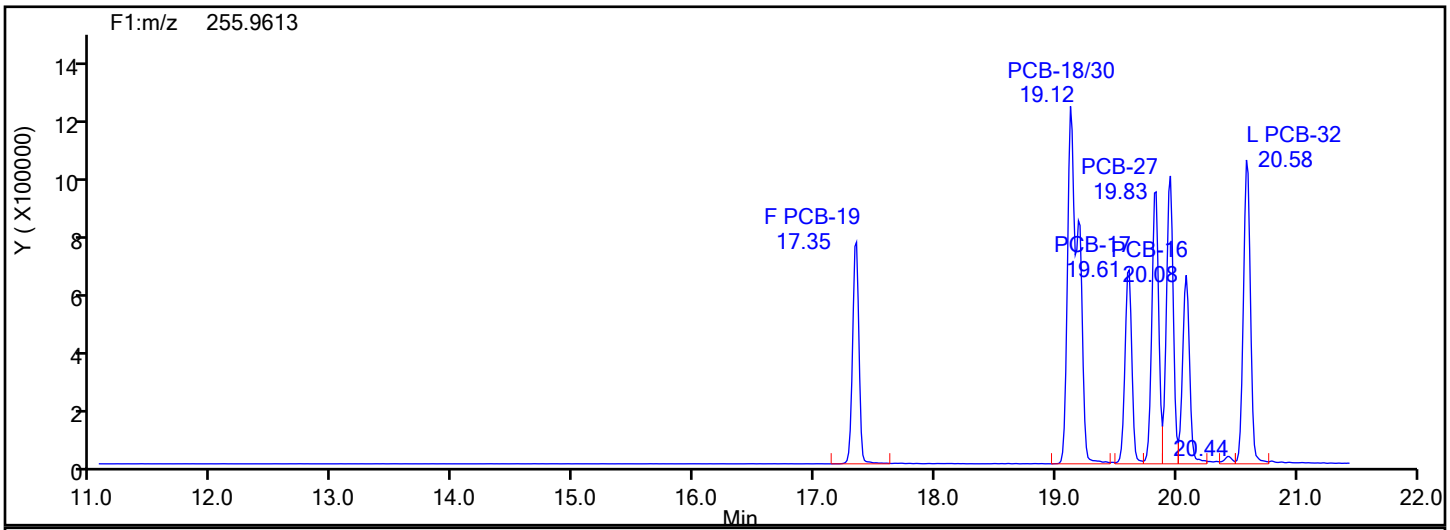


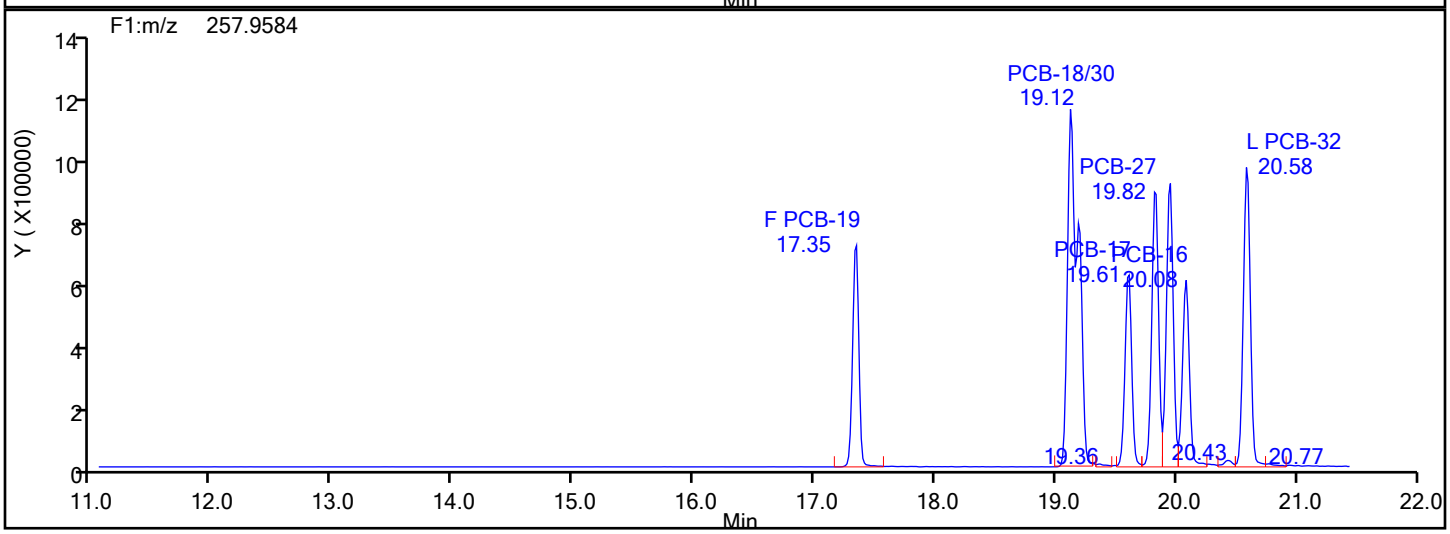
Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

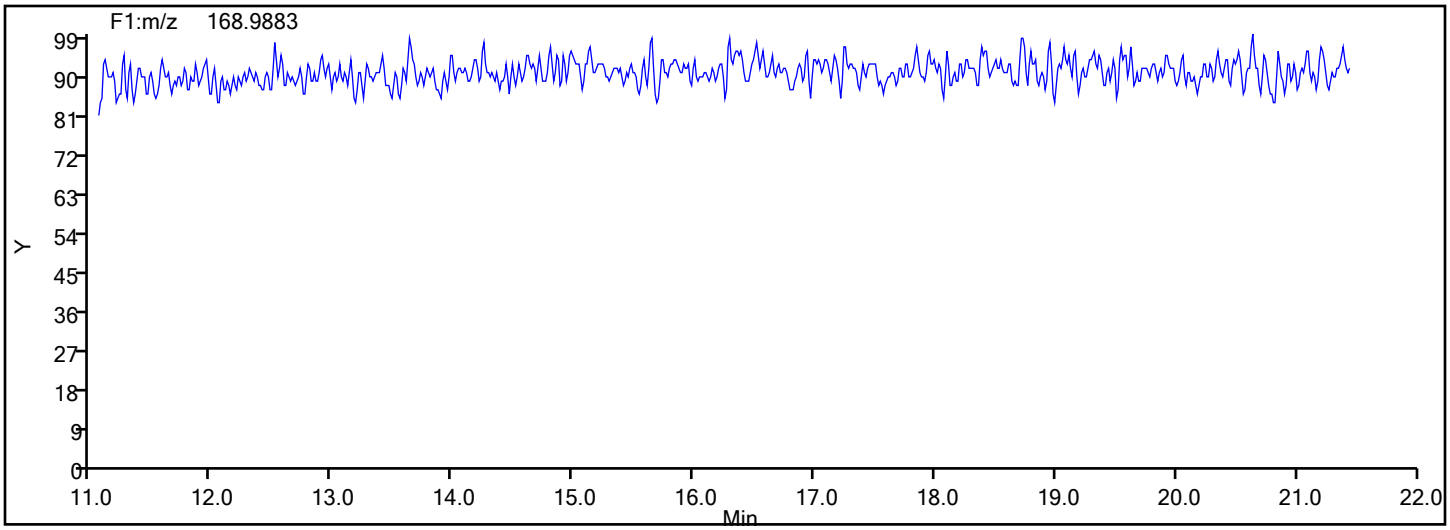
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

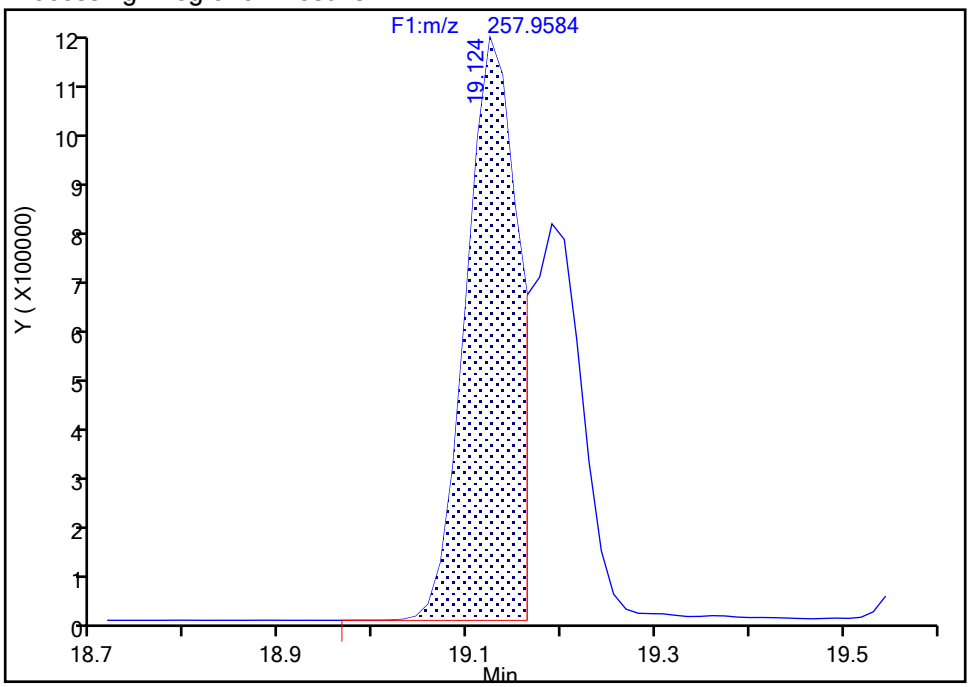
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-18/30, CAS: STL01798

Signal: 2

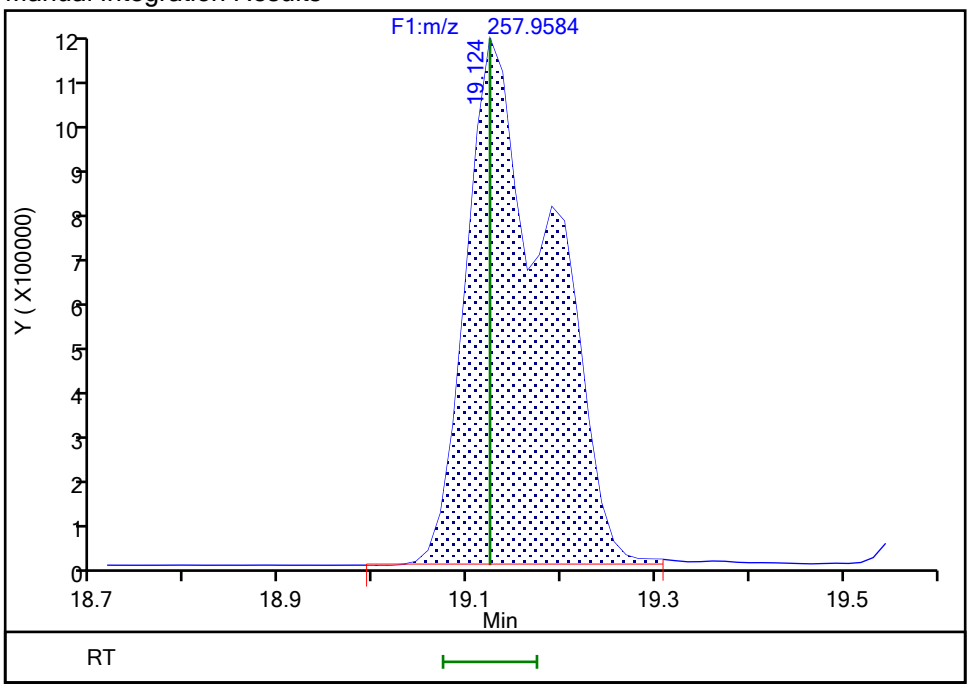
Processing Integration Results

RT: 19.12
Area: 4275676
Amount: 83.603482
Amount Units: pg/ul



Manual Integration Results

RT: 19.12
Area: 7108935
Amount: 96.612505
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:10:54

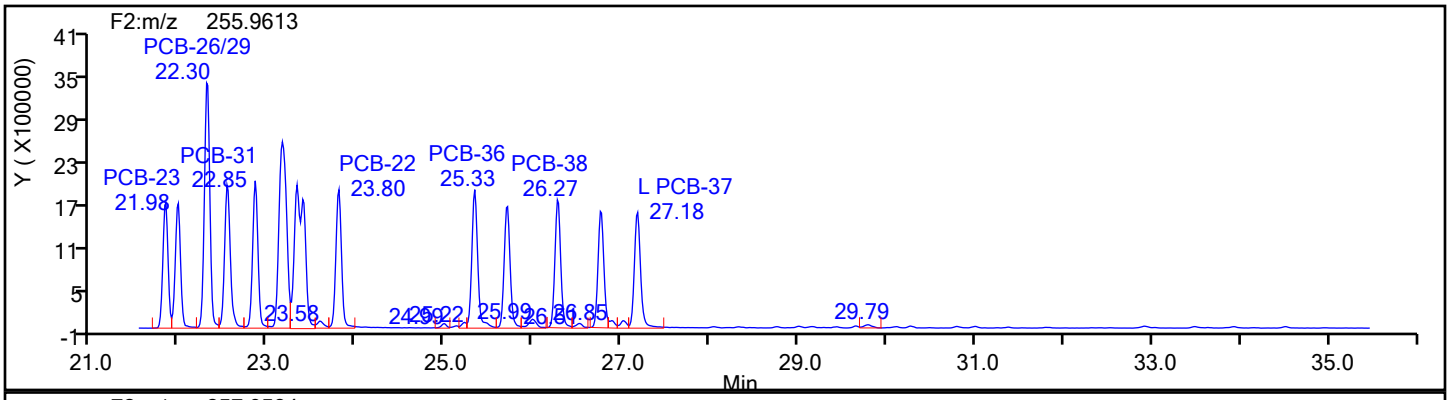
Audit Action: Manually Integrated Audit Reason: Split Peak

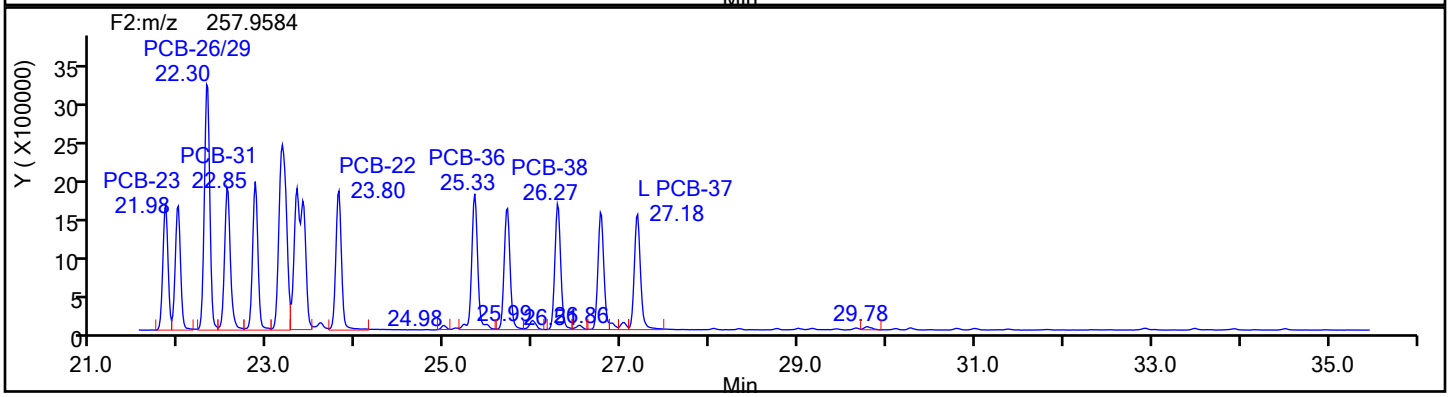
Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

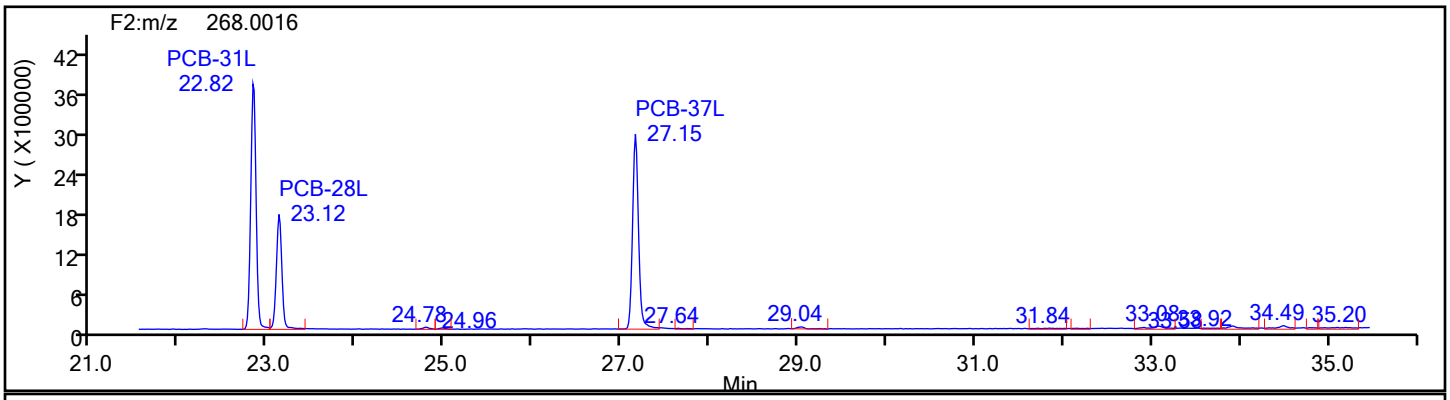
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

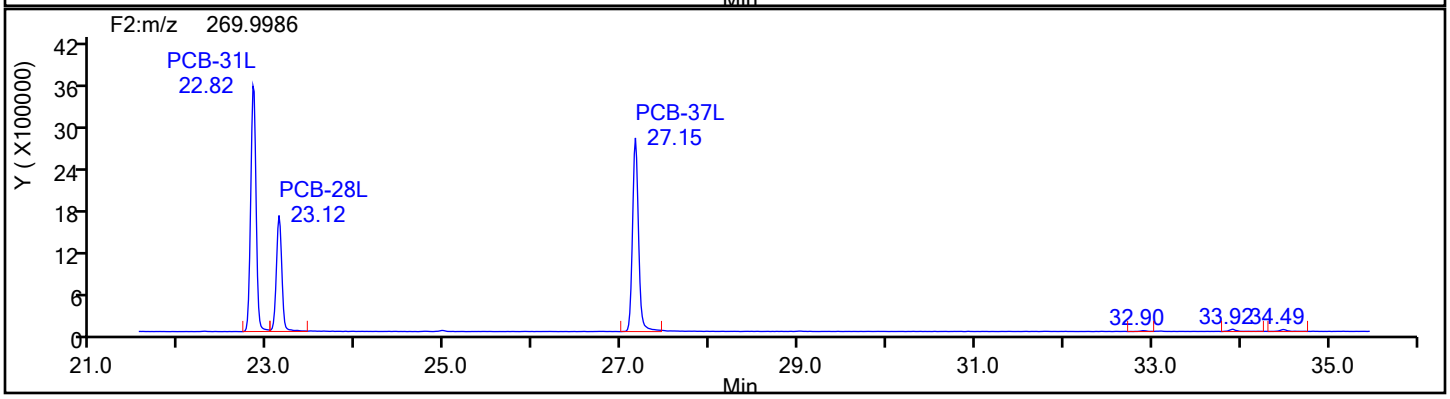
TriPCB F2





TriPCB F2 Standards



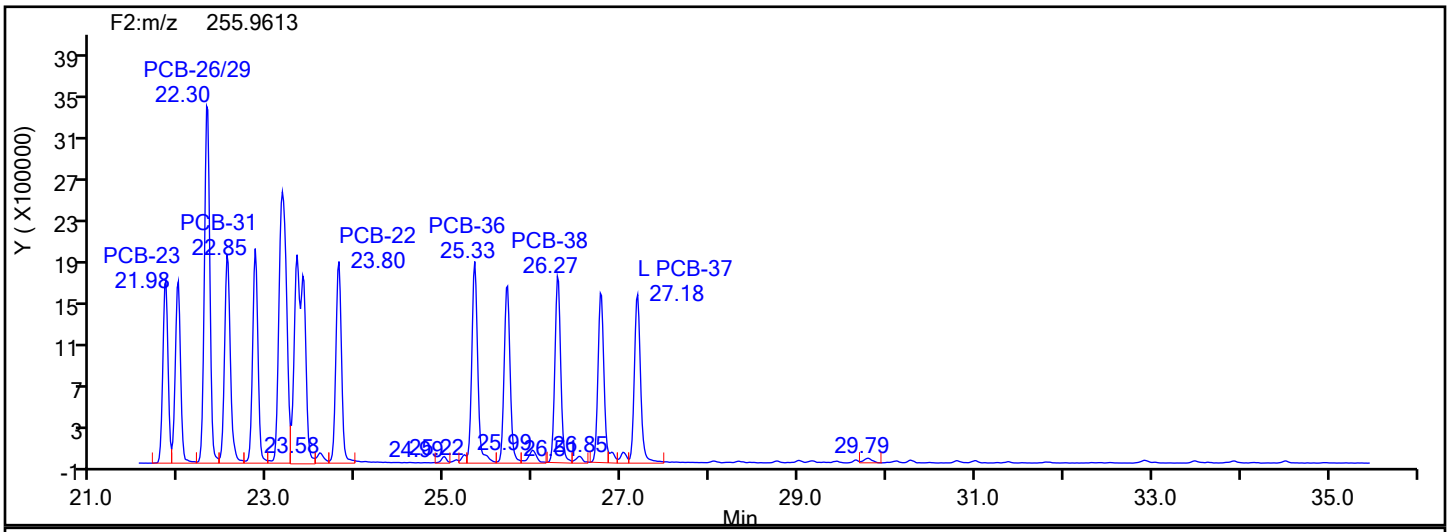


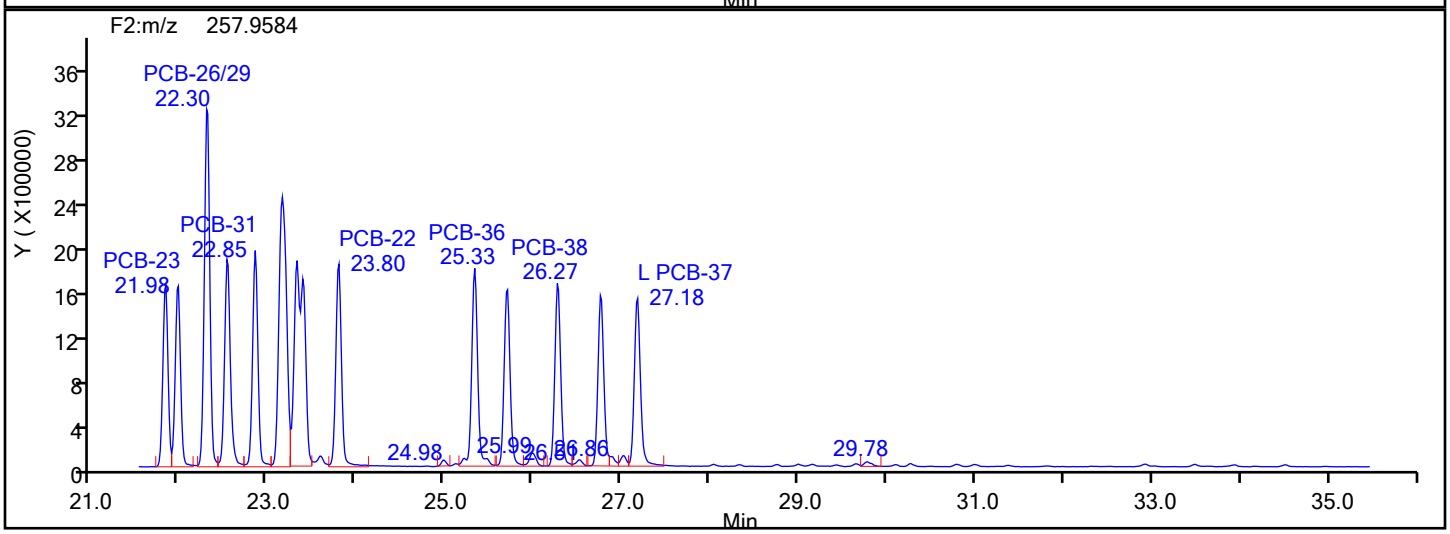
Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

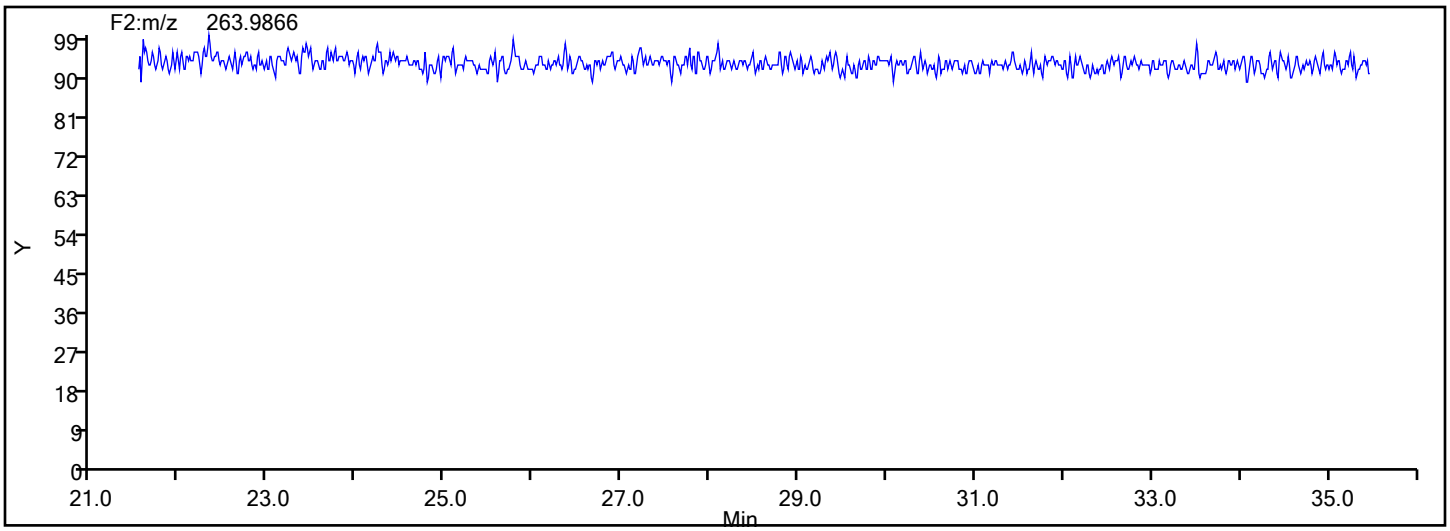
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

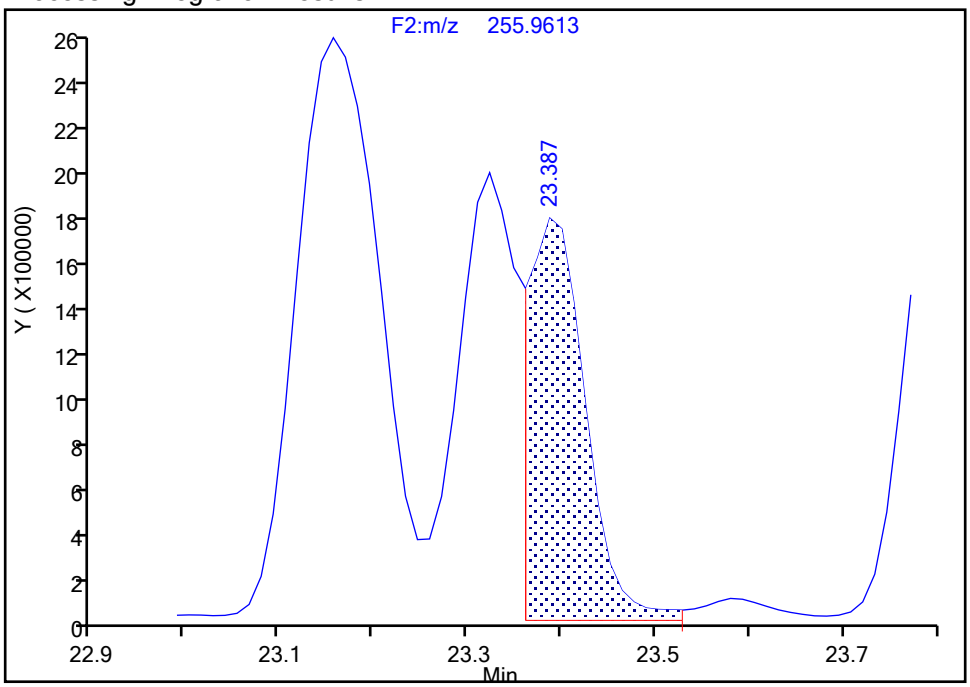
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 1

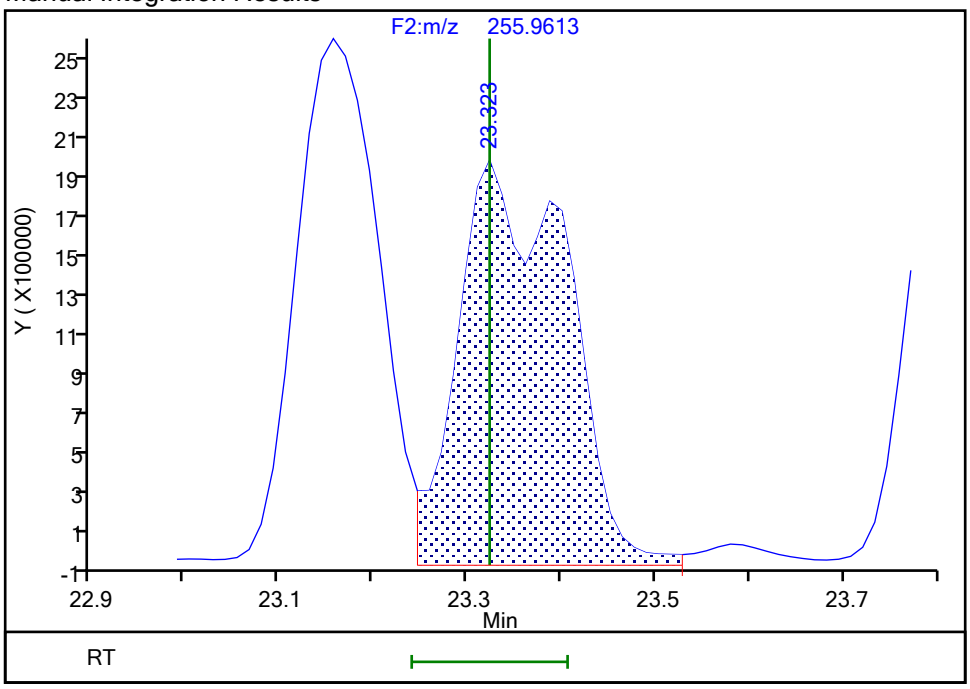
Processing Integration Results

RT: 23.39
Area: 7148645
Amount: 56.774095
Amount Units: pg/ul



Manual Integration Results

RT: 23.32
Area: 15943472
Amount: 100.7935
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:11:10
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

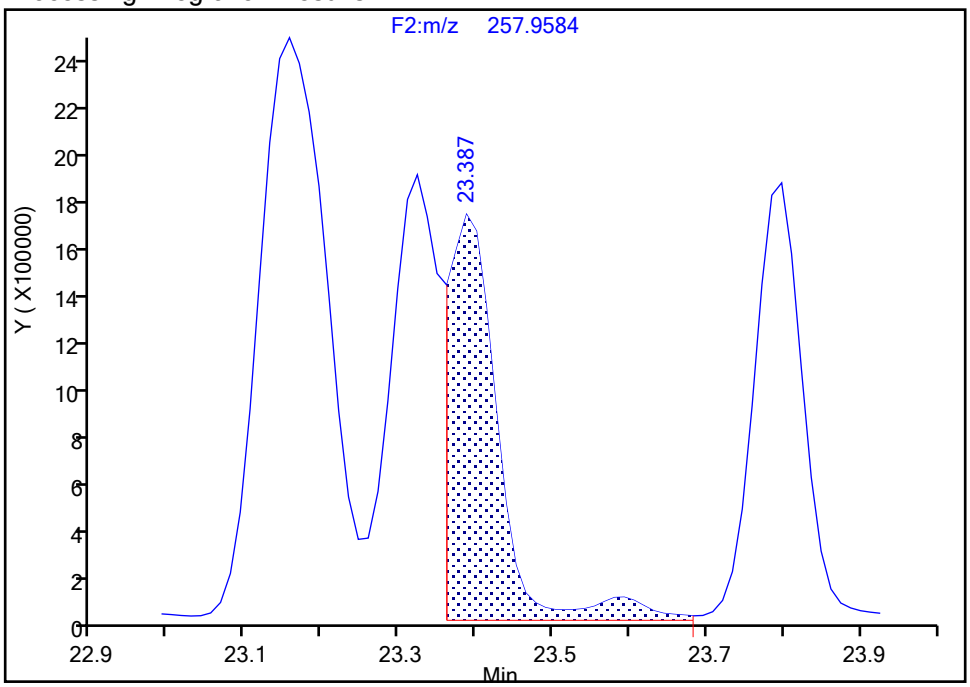
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 2

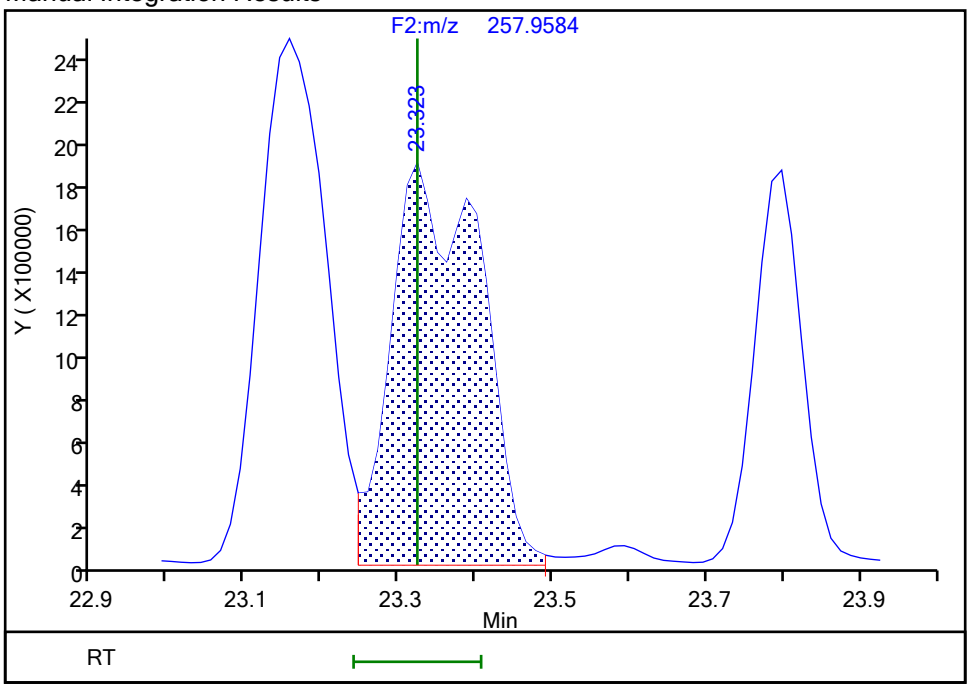
Processing Integration Results

RT: 23.39
Area: 7301260
Amount: 56.774095
Amount Units: pg/ul



Manual Integration Results

RT: 23.32
Area: 14865550
Amount: 100.7935
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:11:13
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

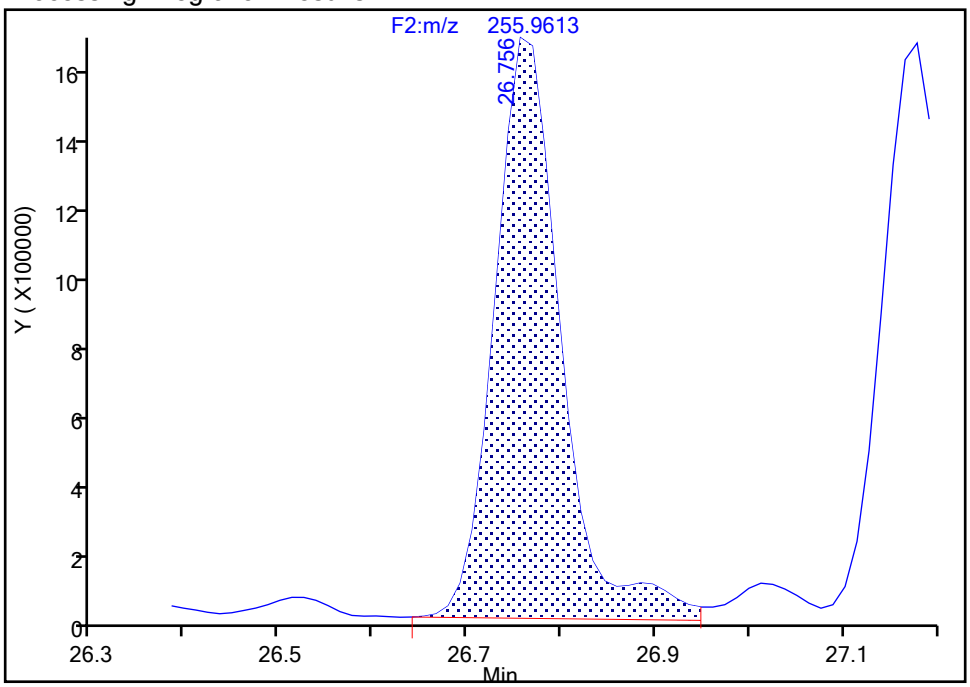
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-35, CAS: 37680-69-6

Signal: 1

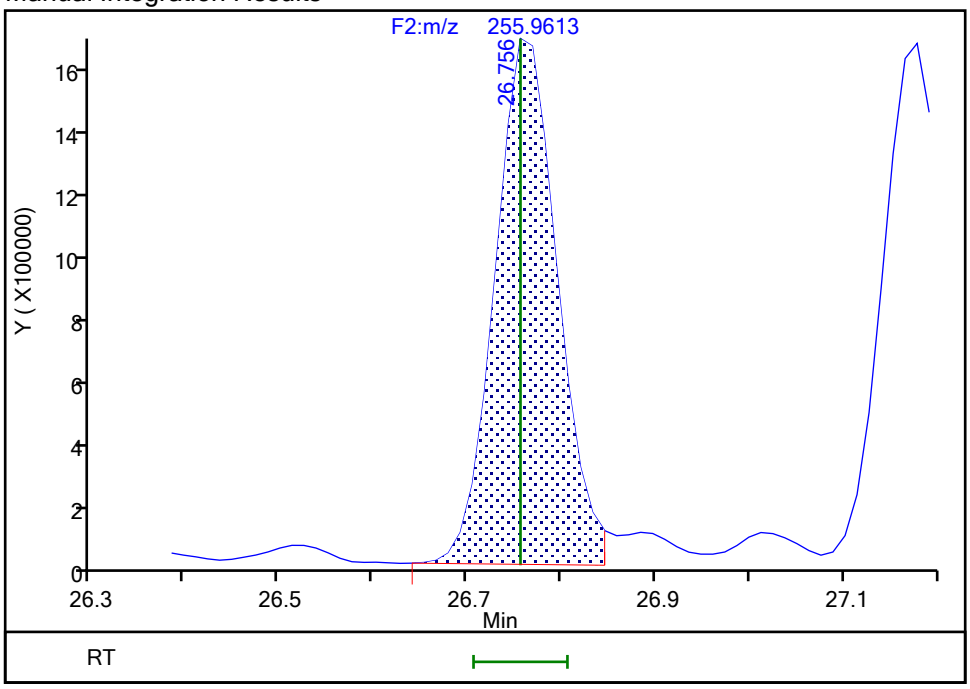
Processing Integration Results

RT: 26.76
Area: 7869367
Amount: 50.177716
Amount Units: pg/ul



Manual Integration Results

RT: 26.76
Area: 7382667
Amount: 47.154734
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:11:23

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

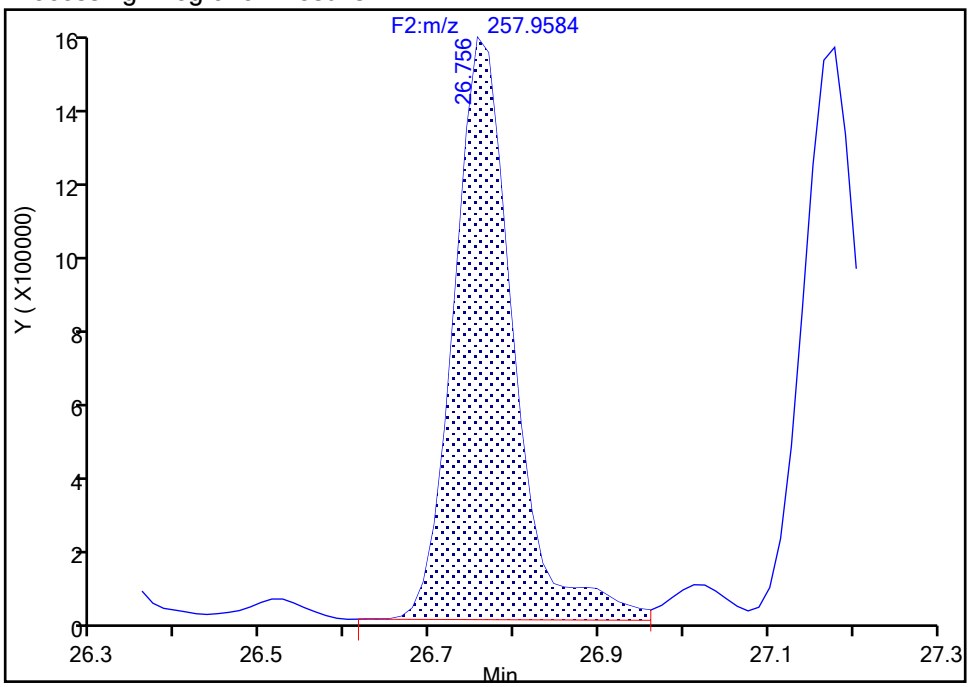
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-35, CAS: 37680-69-6

Signal: 2

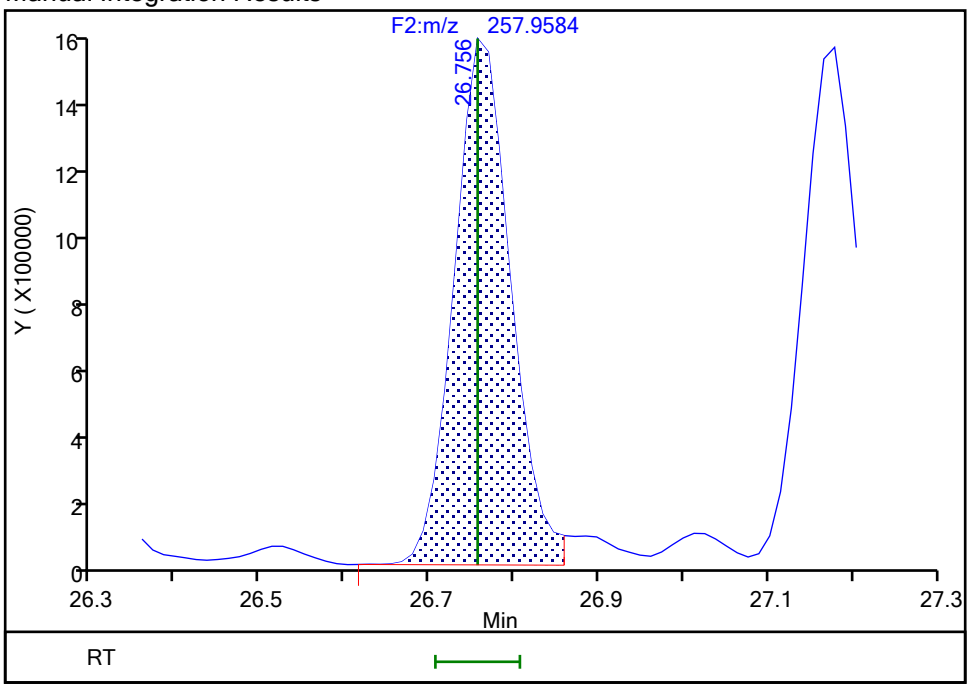
Processing Integration Results

RT: 26.76
Area: 7493317
Amount: 50.177716
Amount Units: pg/ul



Manual Integration Results

RT: 26.76
Area: 7115800
Amount: 47.154734
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:11:25

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

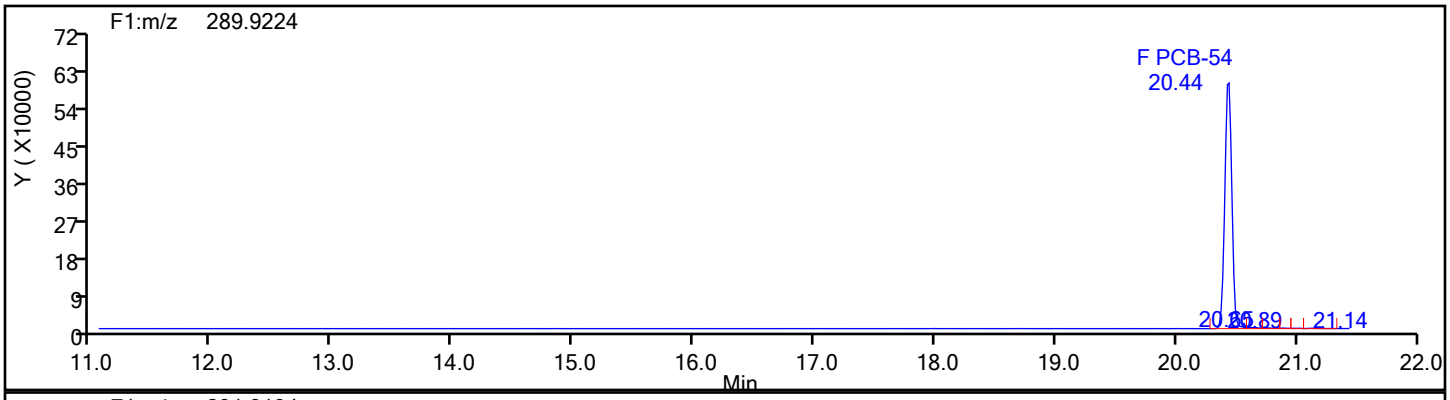
Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

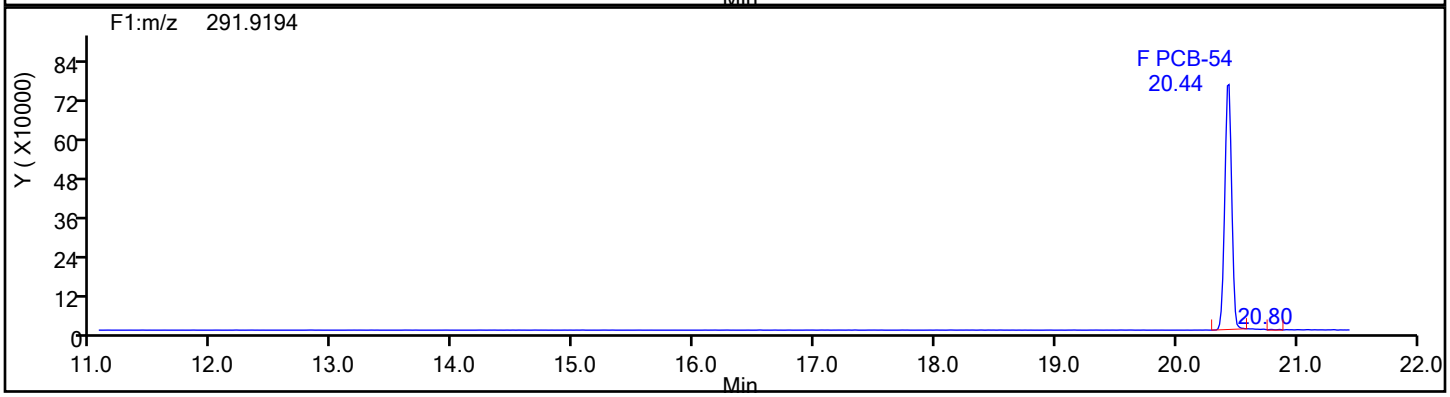
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

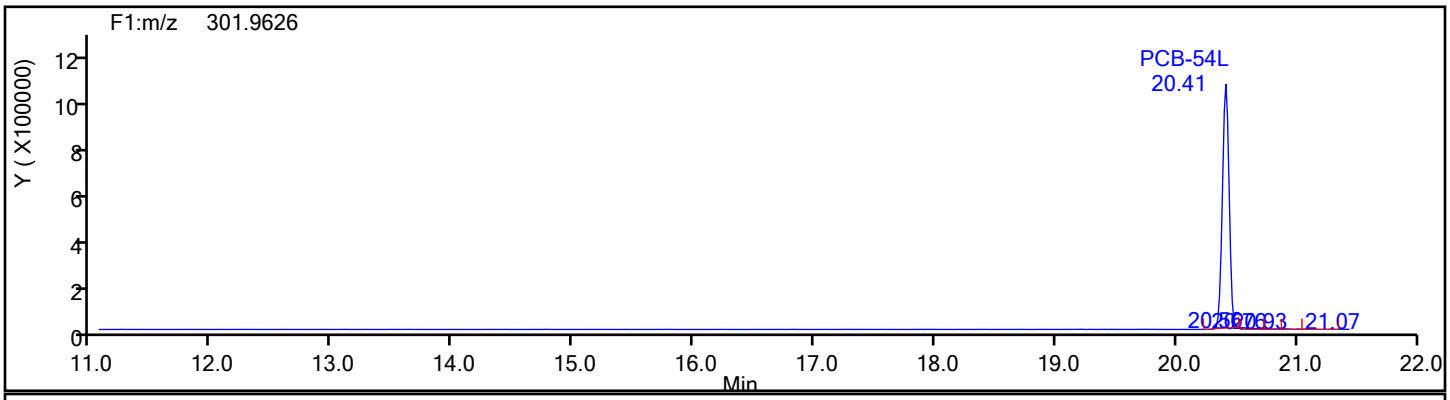
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

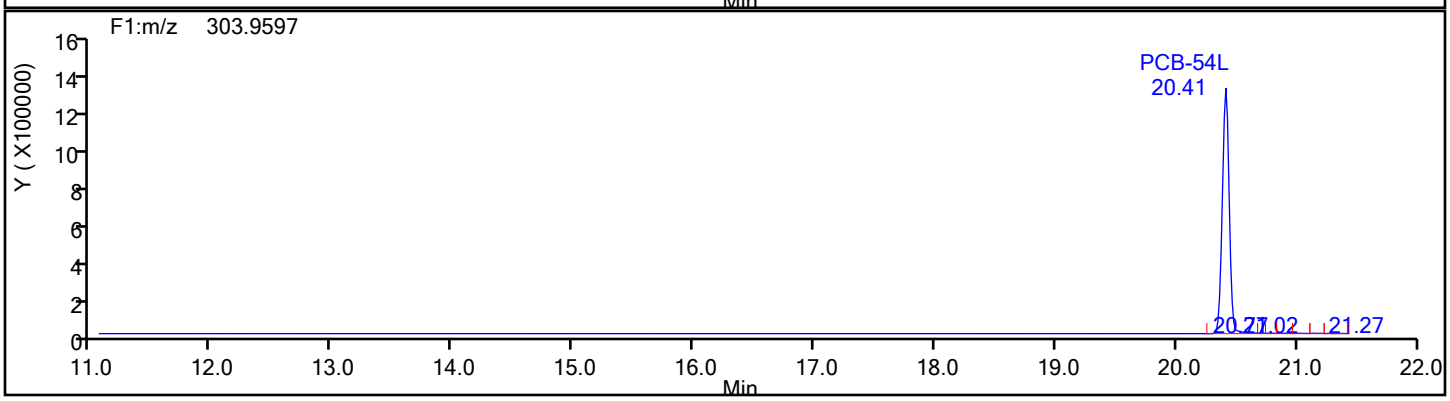
TePCB F1





TePCB F1 Standards



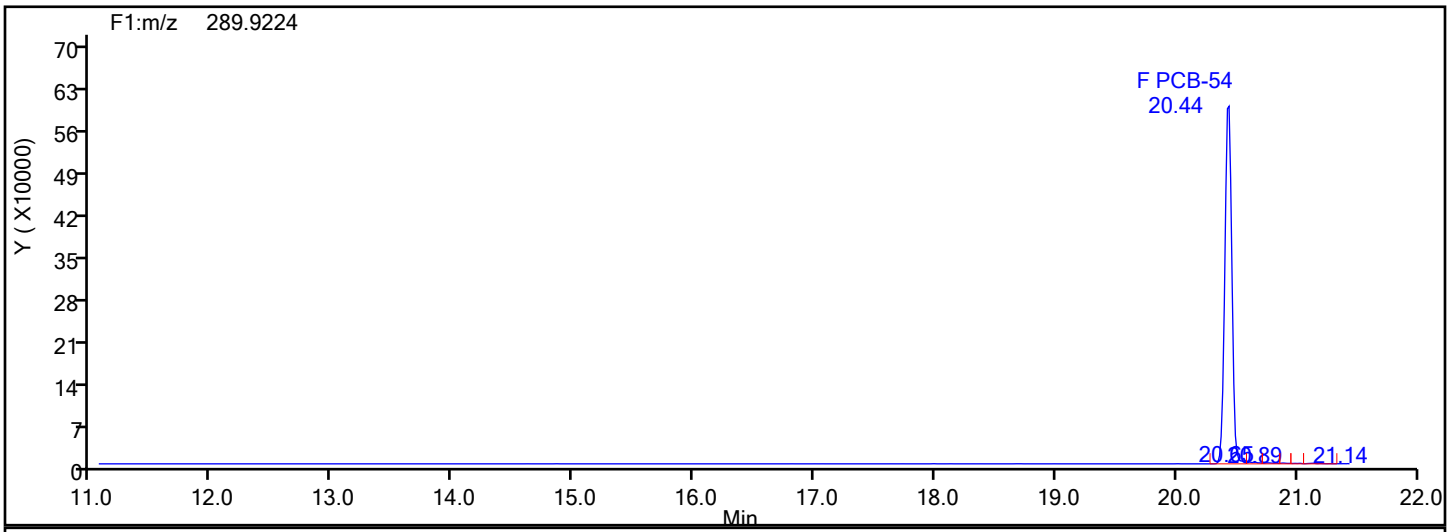


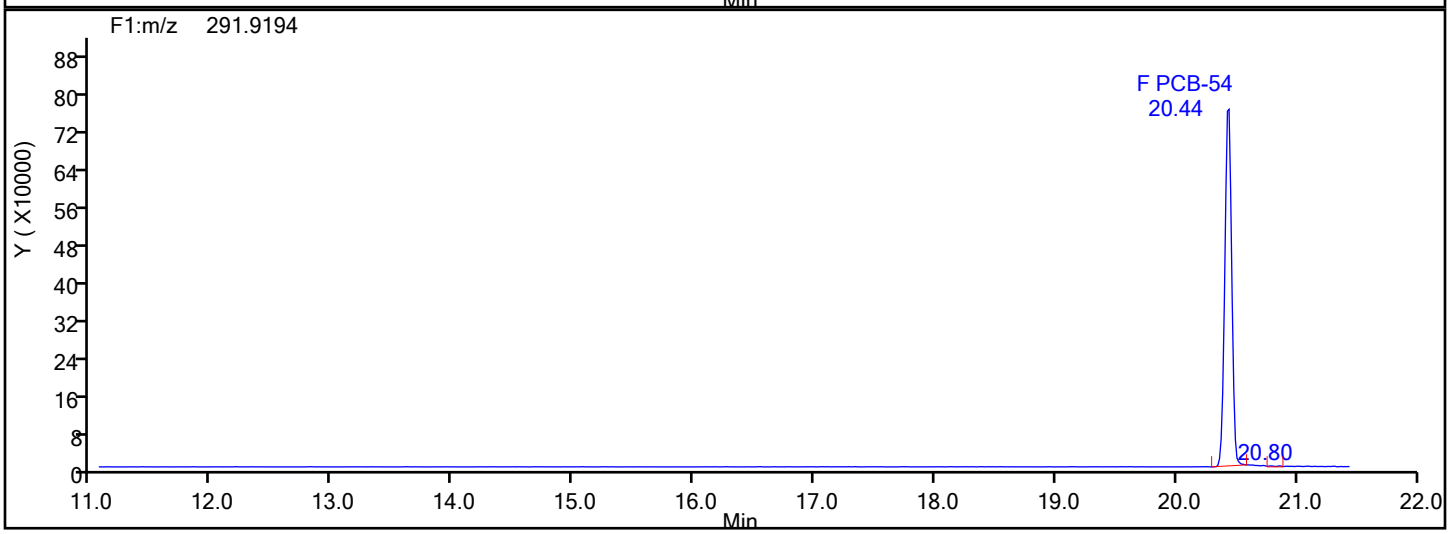
Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

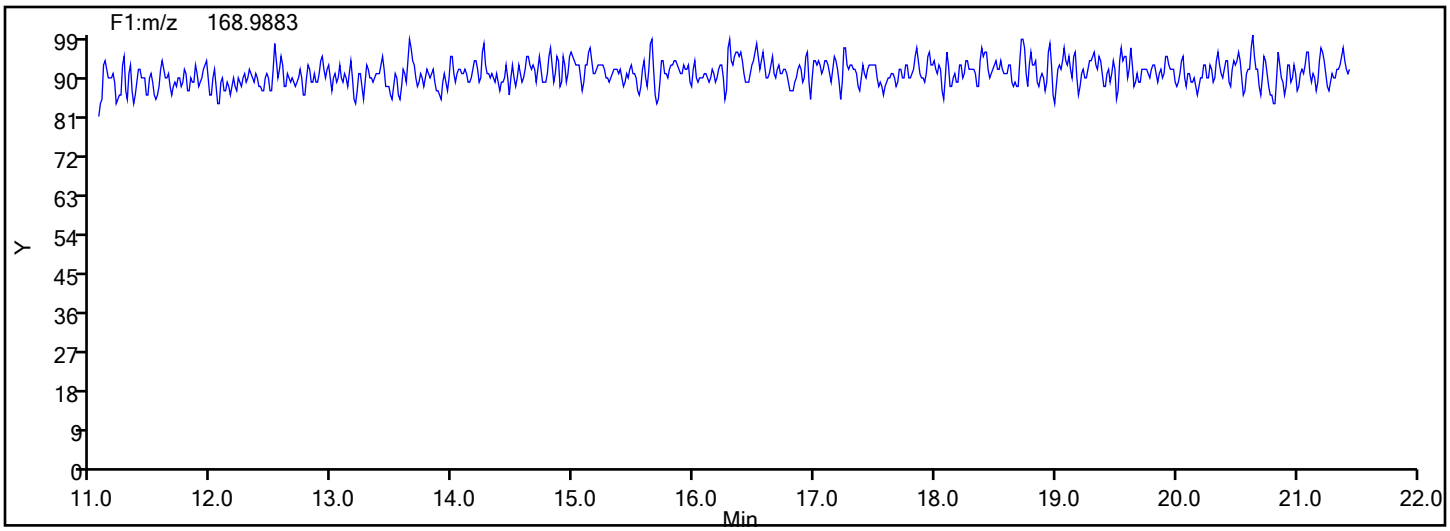
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



Report Date: 08-Oct-2021 19:11:08 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date: 08-Oct-2021 14:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

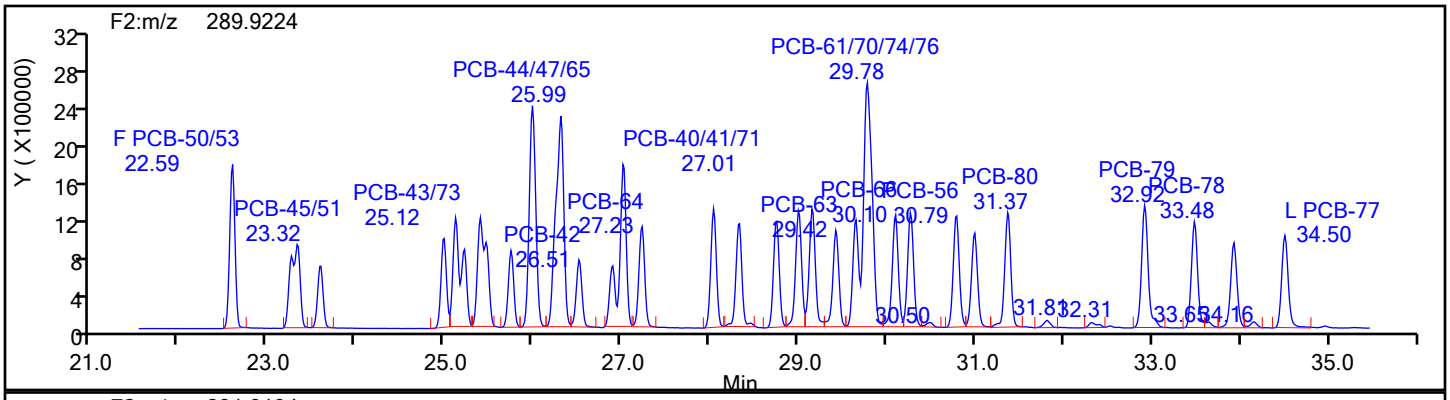
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

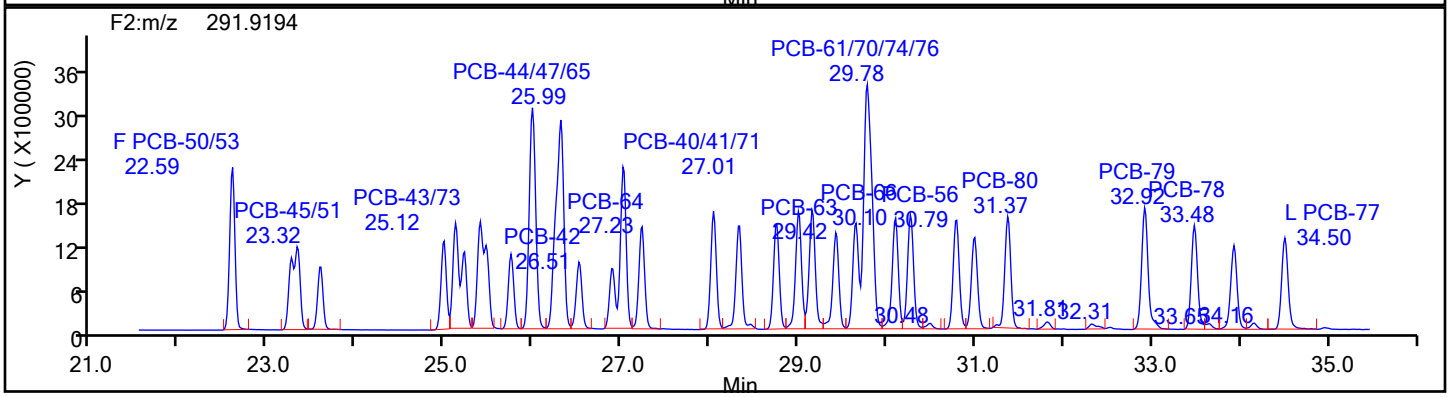
Client ID:

Worklist#: 54640 Sample Line#: 4

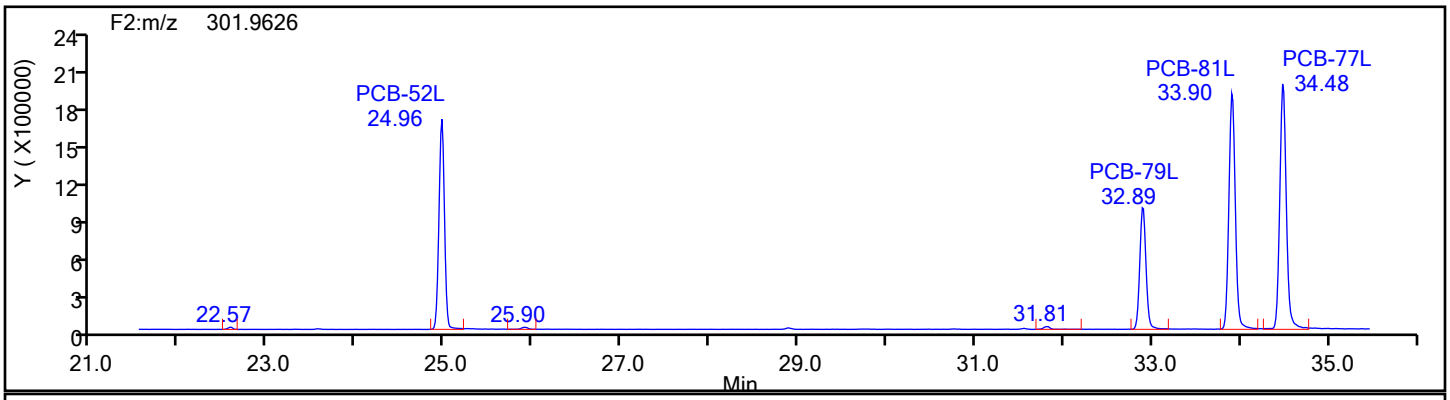
Column Type: Column Dia:

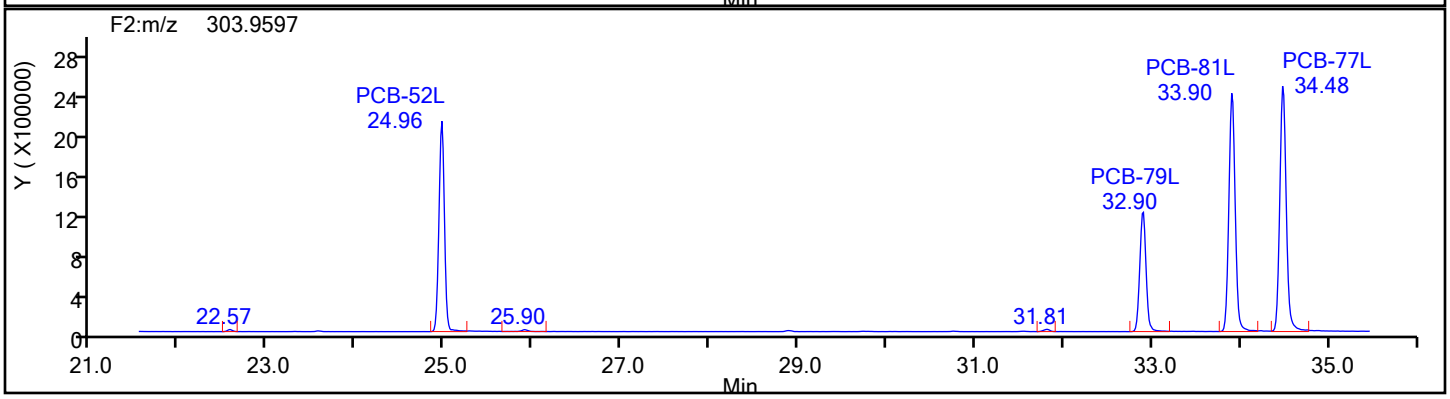
TePCB F2





TePCB F2 Standards



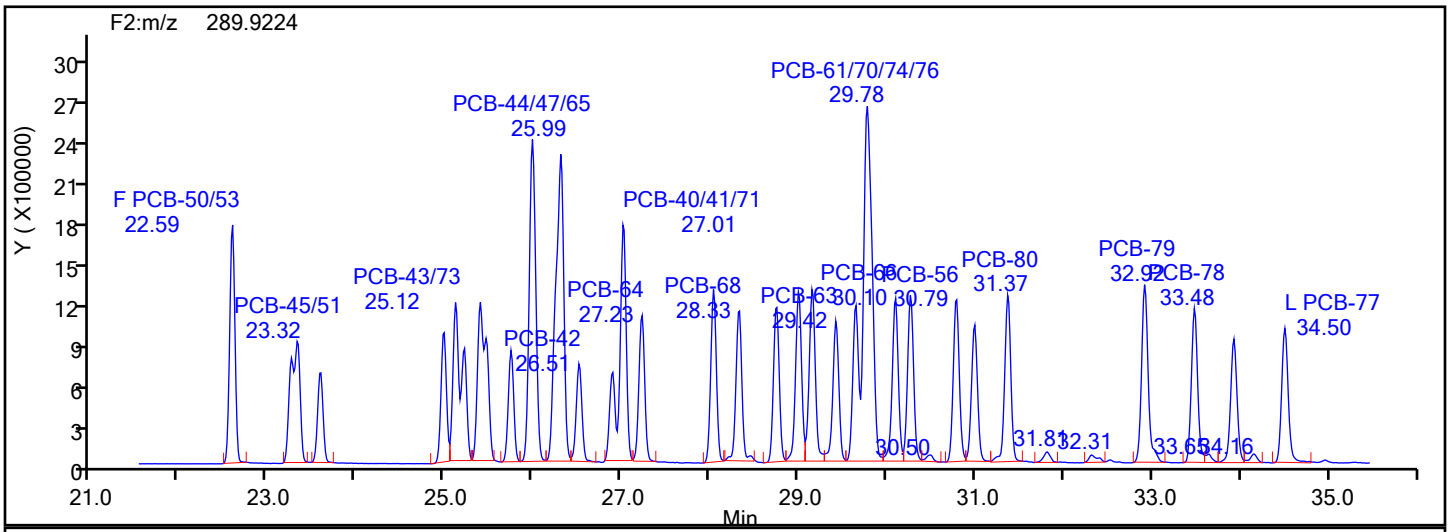


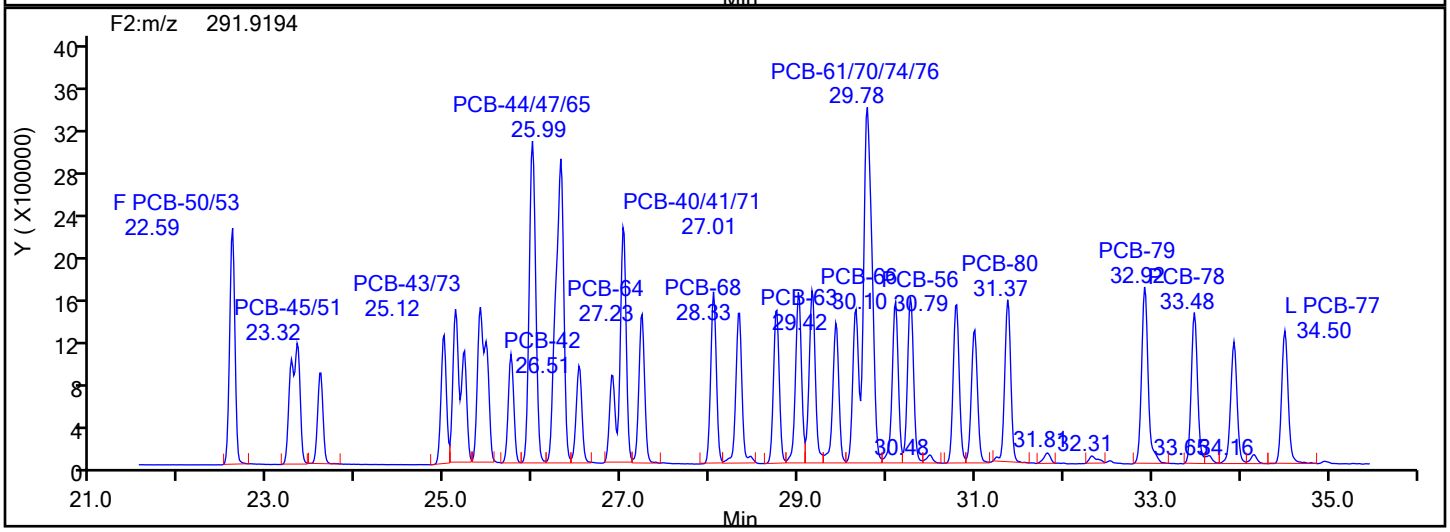
Report Date: 08-Oct-2021 19:11:09 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

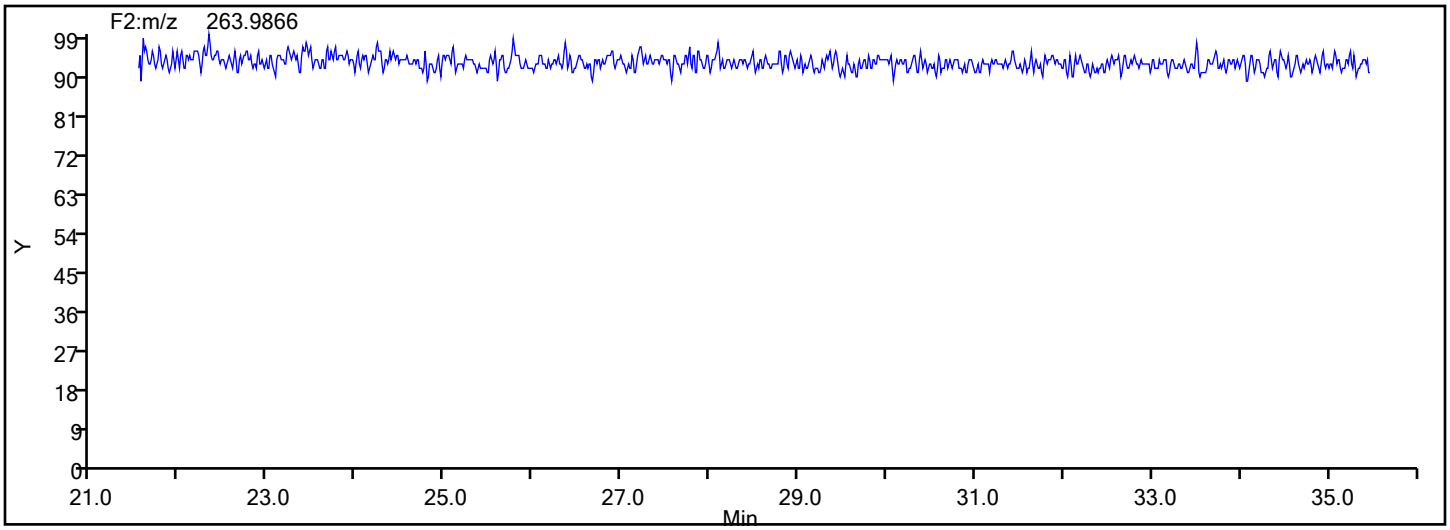
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

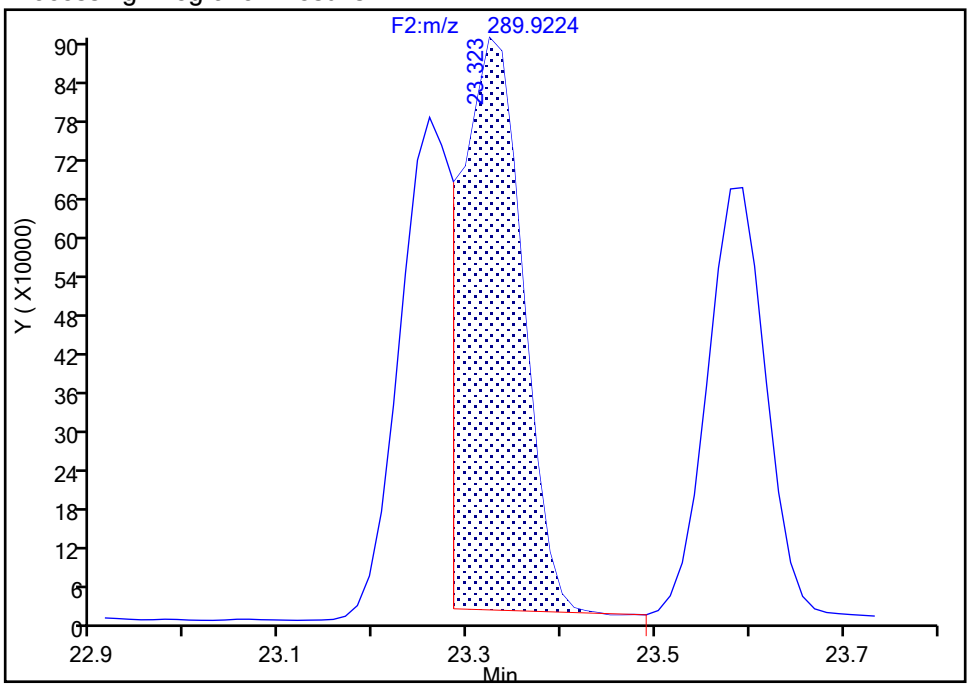
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 1

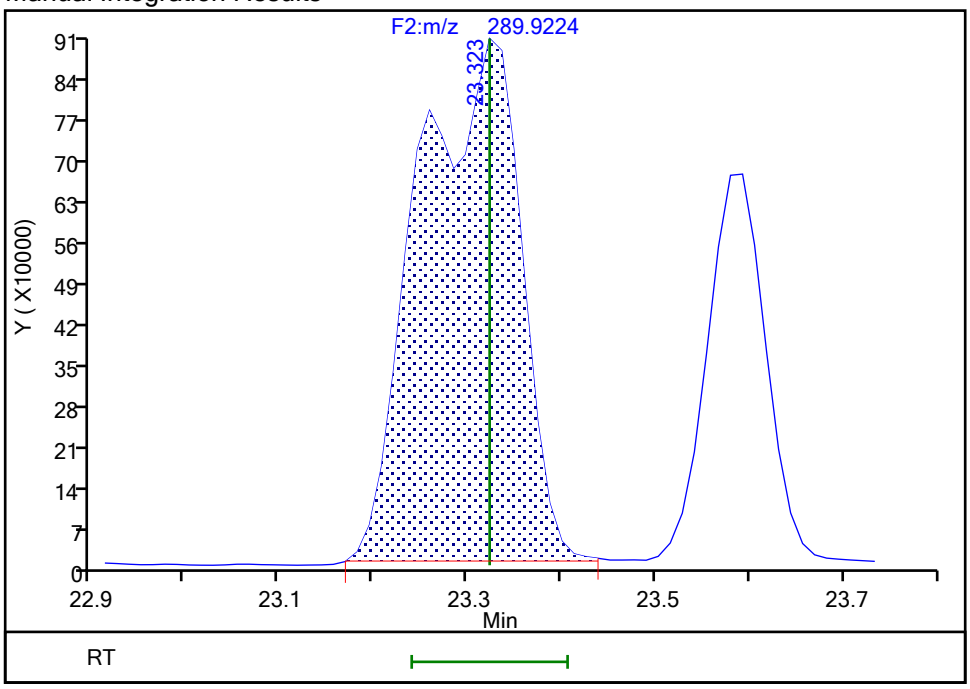
Processing Integration Results

RT: 23.32
Area: 3896526
Amount: 65.805007
Amount Units: pg/ul



Manual Integration Results

RT: 23.32
Area: 6758516
Amount: 99.696939
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:11:41

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

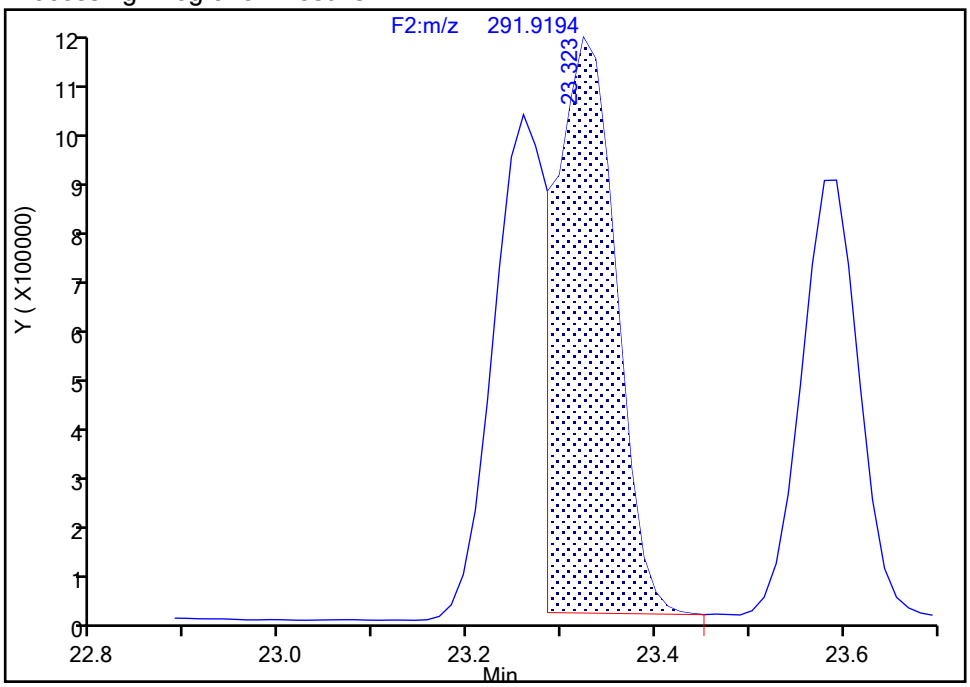
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-45/51, CAS: STL01804

Signal: 2

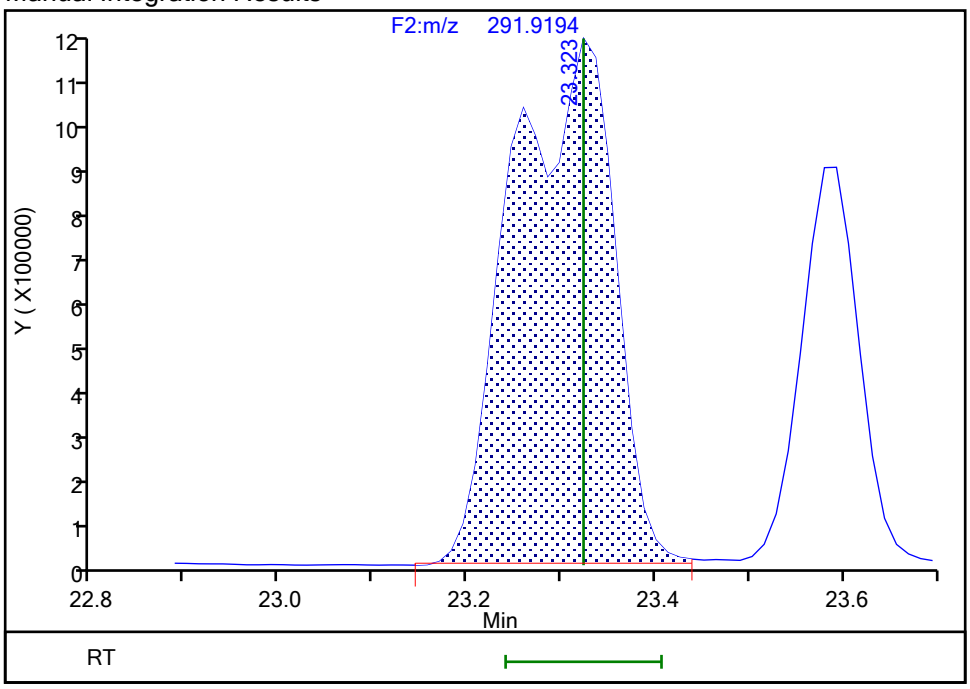
Processing Integration Results

RT: 23.32
Area: 4938122
Amount: 65.805007
Amount Units: pg/ul



Manual Integration Results

RT: 23.32
Area: 8621731
Amount: 99.696939
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:11:46
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

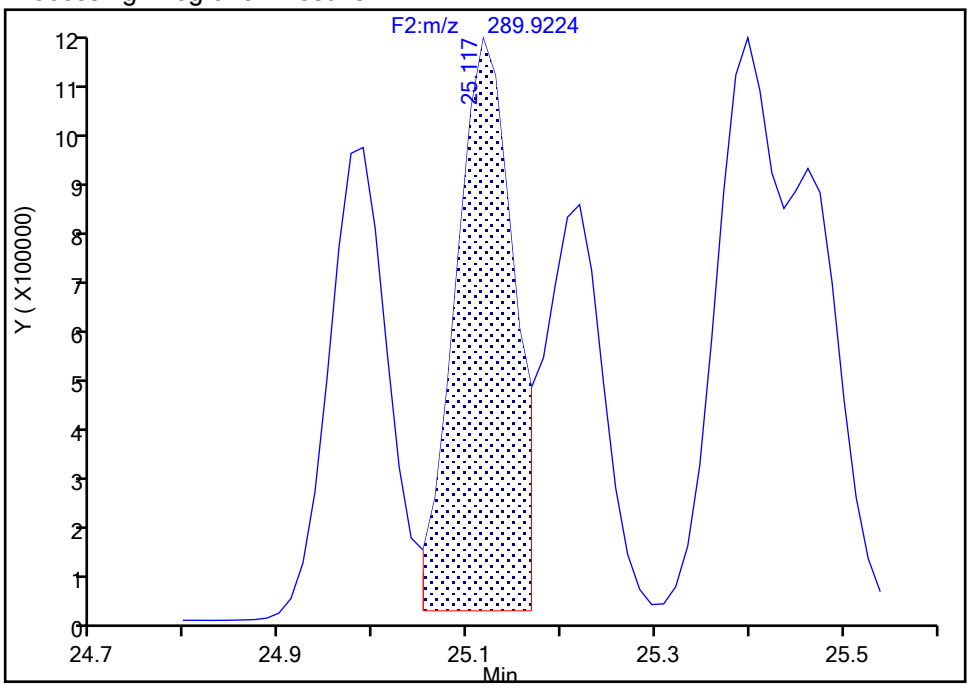
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 1

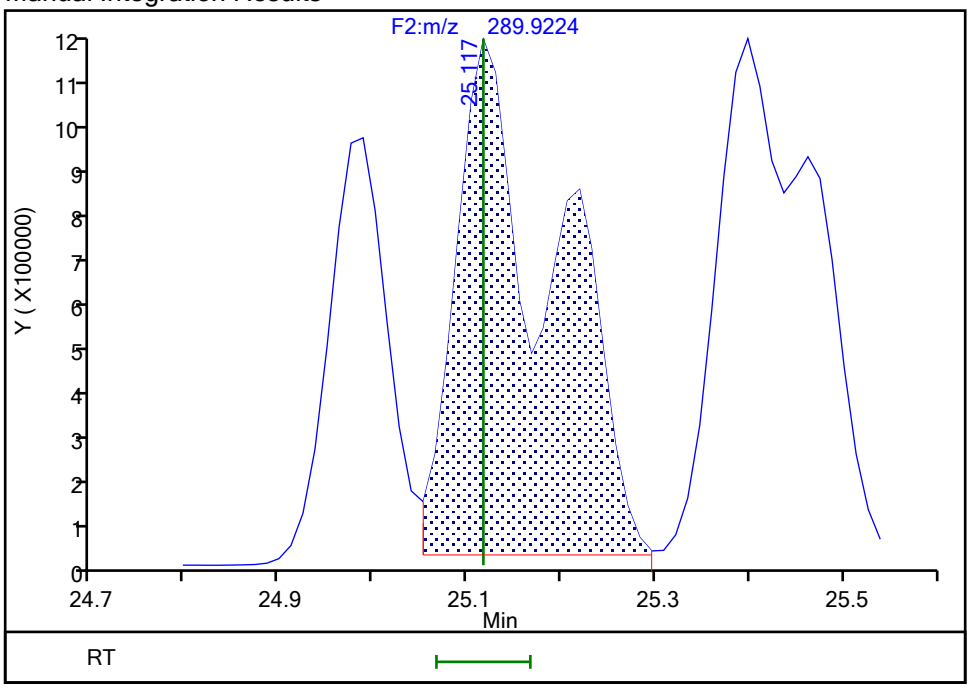
Processing Integration Results

RT: 25.12
Area: 4966064
Amount: 66.079564
Amount Units: pg/ul



Manual Integration Results

RT: 25.12
Area: 8473394
Amount: 98.271503
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:11:58
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

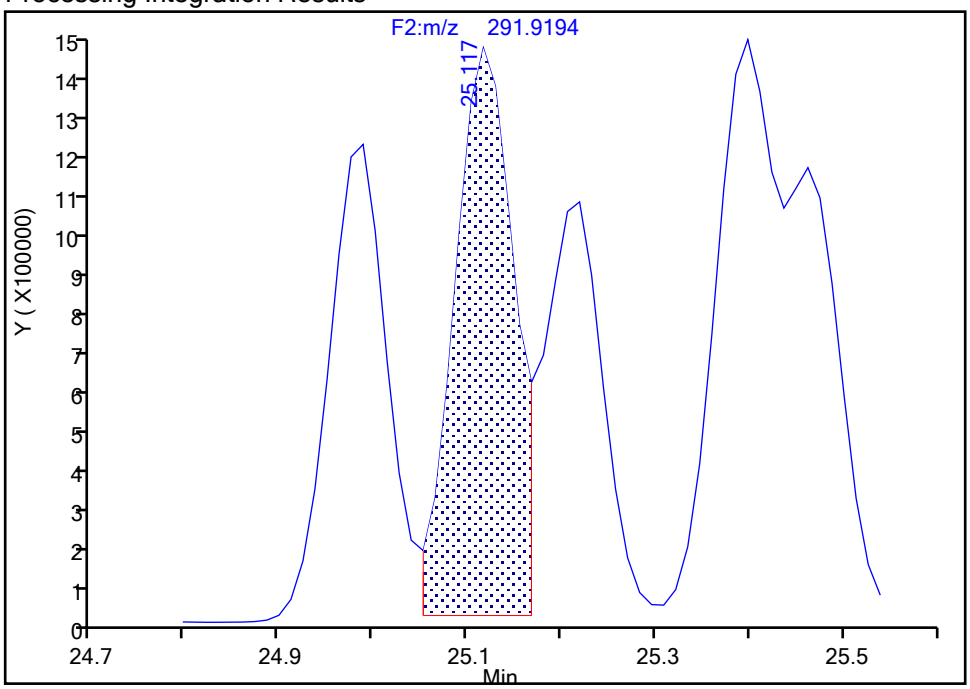
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 2

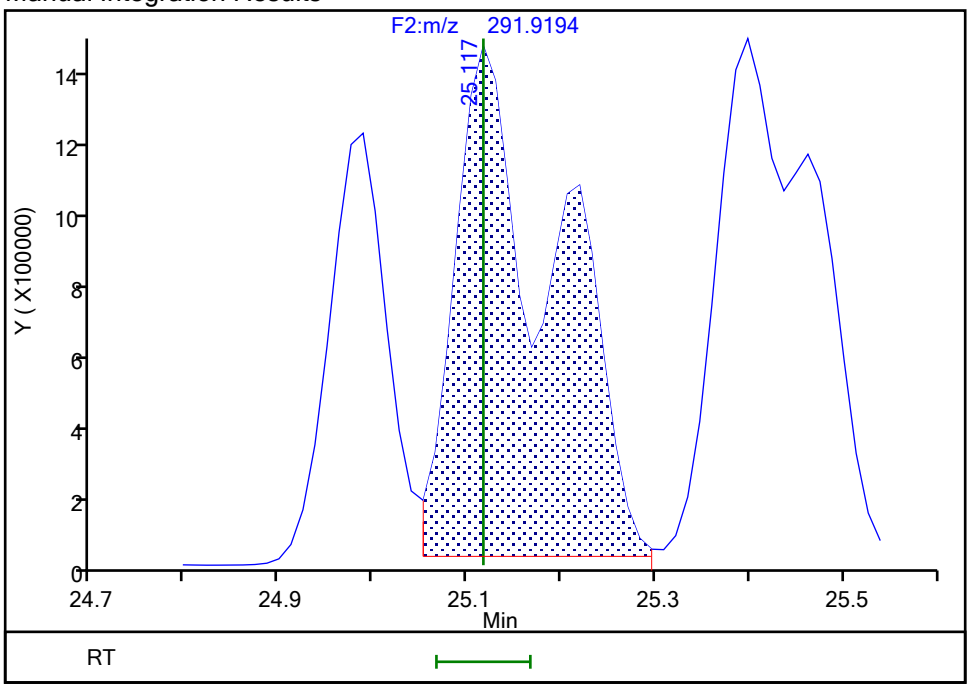
Processing Integration Results

RT: 25.12
Area: 6302089
Amount: 66.079564
Amount Units: pg/ul



Manual Integration Results

RT: 25.12
Area: 10736634
Amount: 98.271503
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:12:15
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

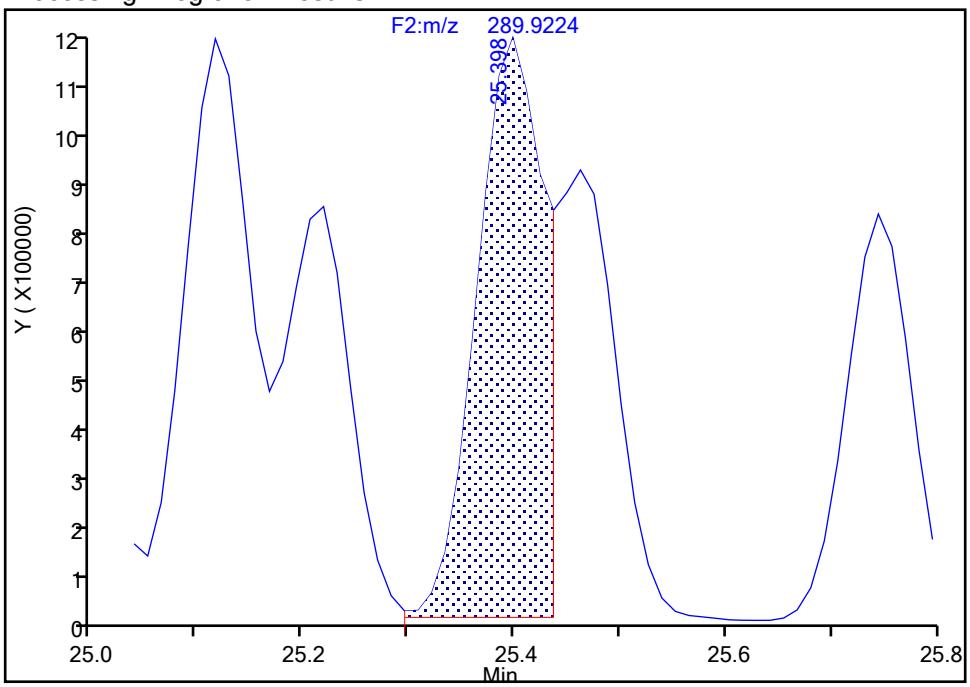
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 1

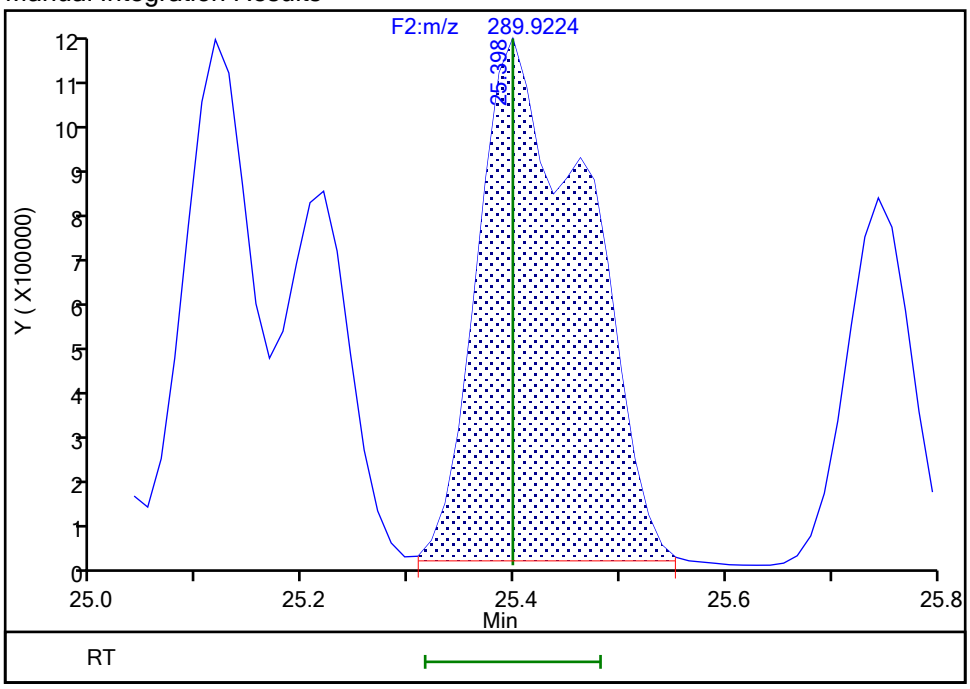
Processing Integration Results

RT: 25.40
Area: 5042220
Amount: 67.182551
Amount Units: pg/ul



Manual Integration Results

RT: 25.40
Area: 8457619
Amount: 98.012040
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:12:21
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

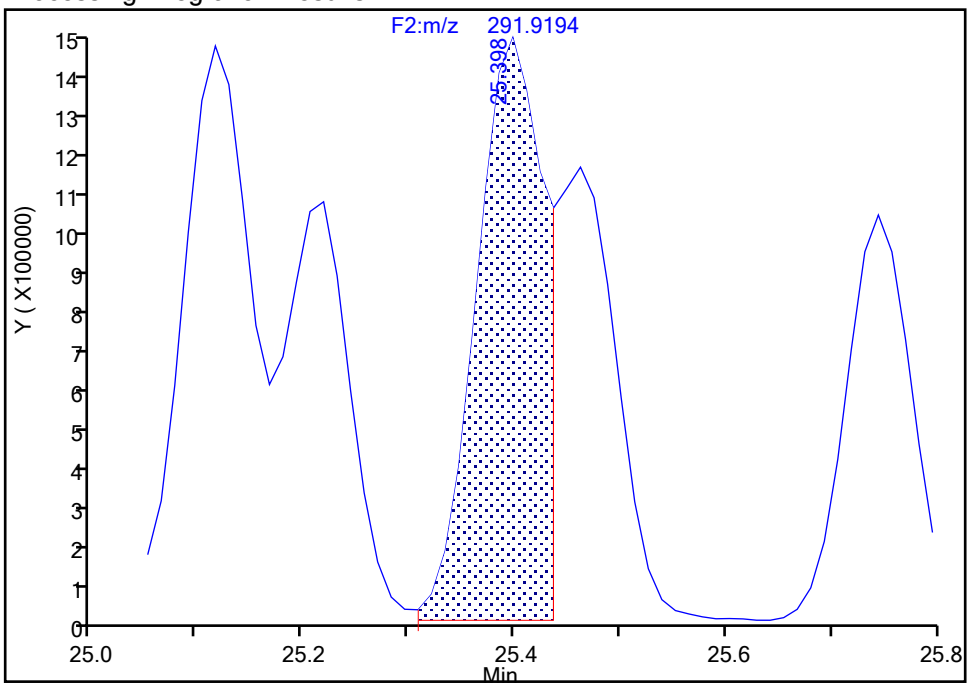
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 2

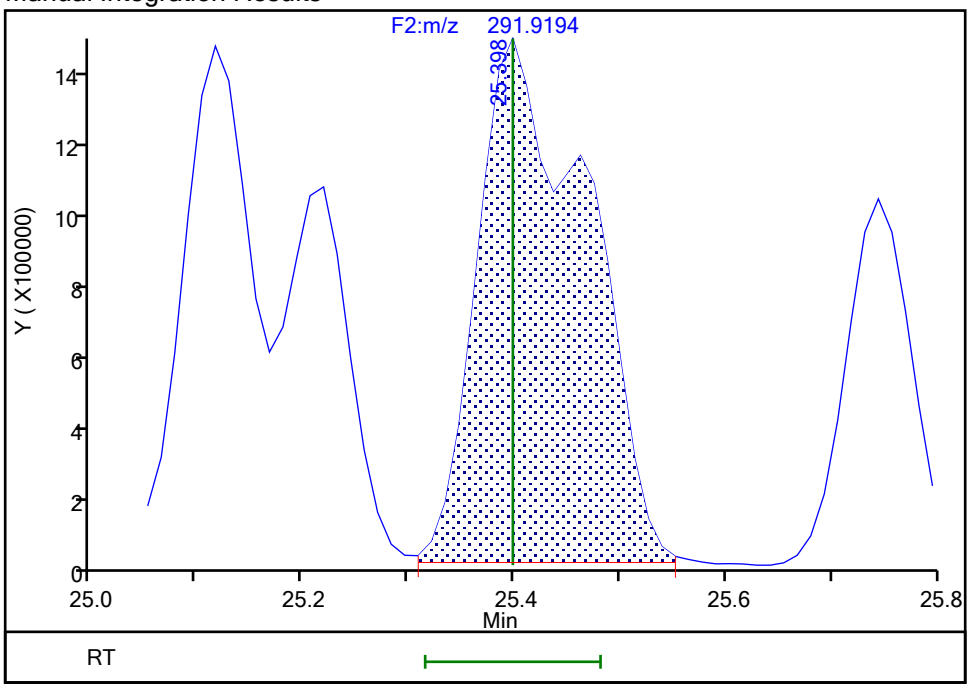
Processing Integration Results

RT: 25.40
Area: 6390428
Amount: 67.182551
Amount Units: pg/ul



Manual Integration Results

RT: 25.40
Area: 10698757
Amount: 98.012040
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:12:26
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

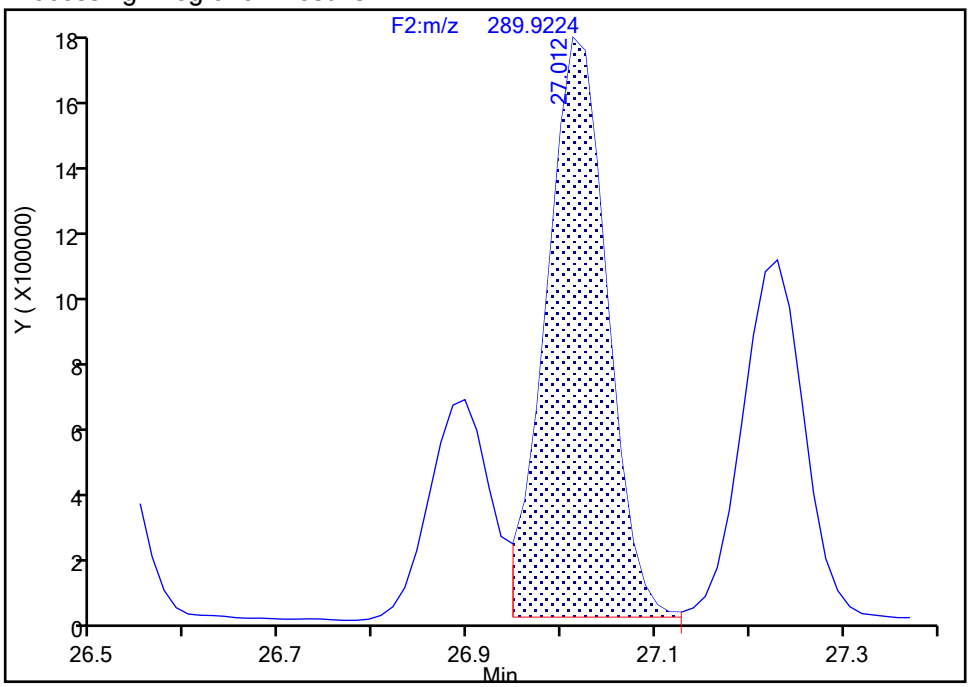
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

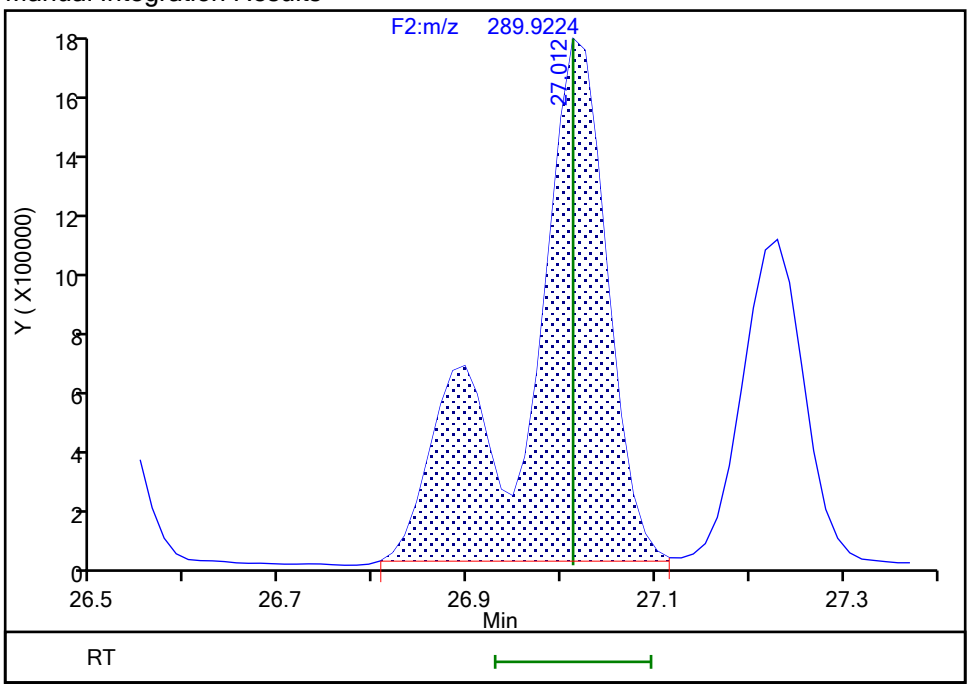
Processing Integration Results

RT: 27.01
Area: 7846213
Amount: 116.2779
Amount Units: pg/ul



Manual Integration Results

RT: 27.01
Area: 10691708
Amount: 146.0002
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:12:34

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

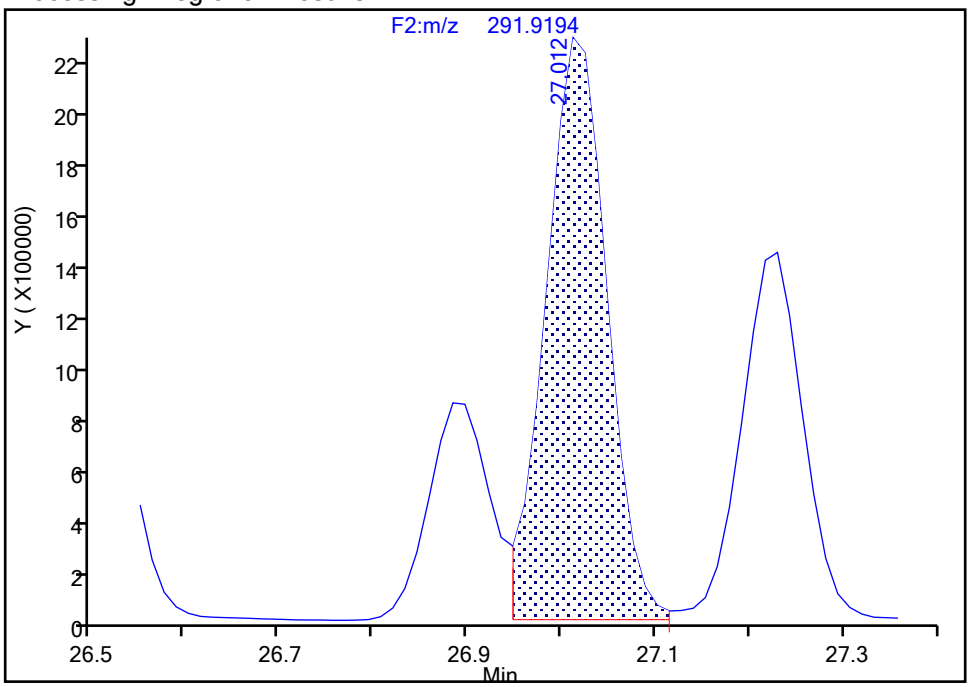
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-40/41/71, CAS: STL02292

Signal: 2

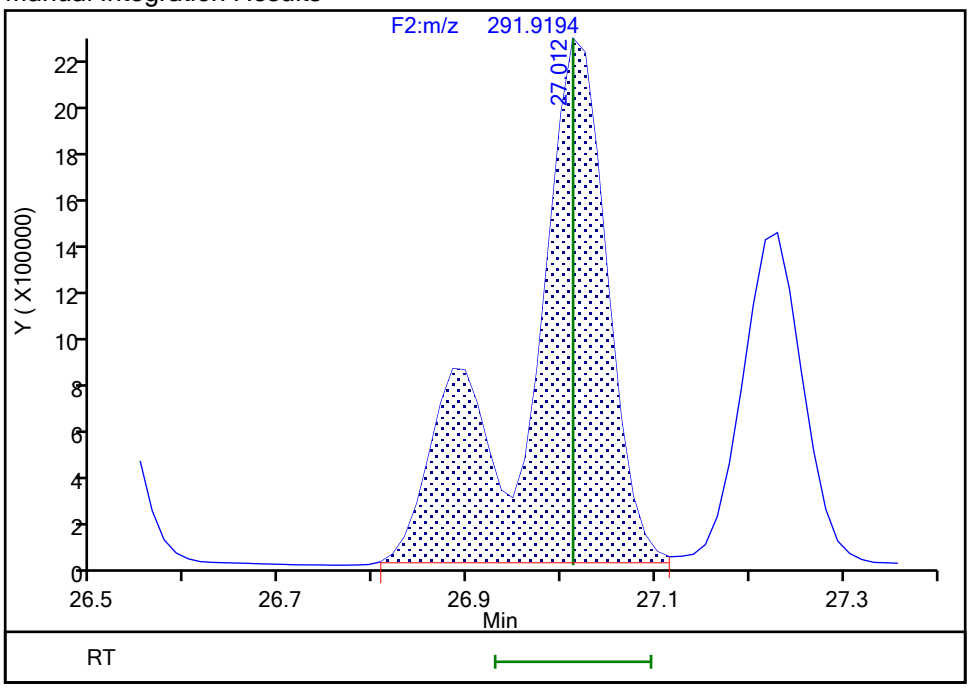
Processing Integration Results

RT: 27.01
Area: 10047333
Amount: 116.2779
Amount Units: pg/ul



Manual Integration Results

RT: 27.01
Area: 13639272
Amount: 146.0002
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:12:40
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

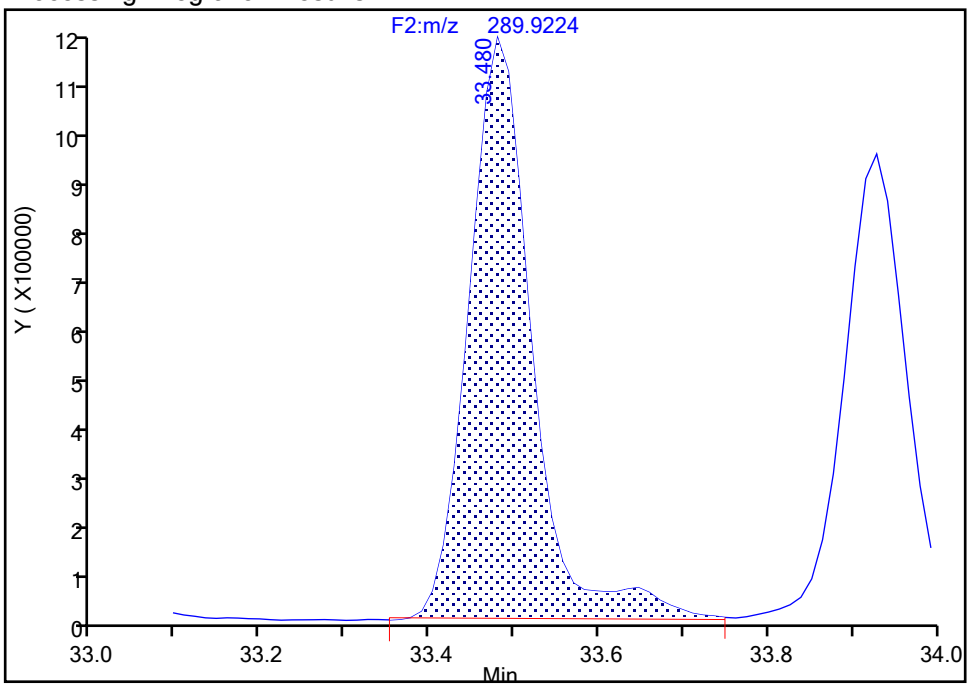
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-78, CAS: 70362-49-1

Signal: 1

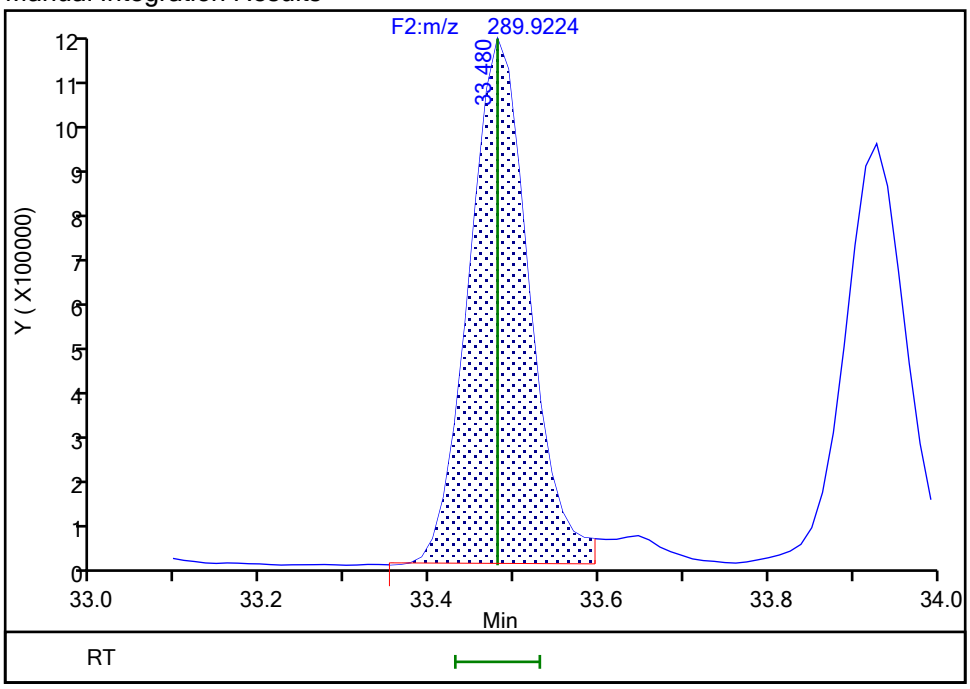
Processing Integration Results

RT: 33.48
Area: 5915207
Amount: 48.434478
Amount Units: pg/ul



Manual Integration Results

RT: 33.48
Area: 5593175
Amount: 47.664572
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:12:57
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:11:09 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date: 08-Oct-2021 14:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

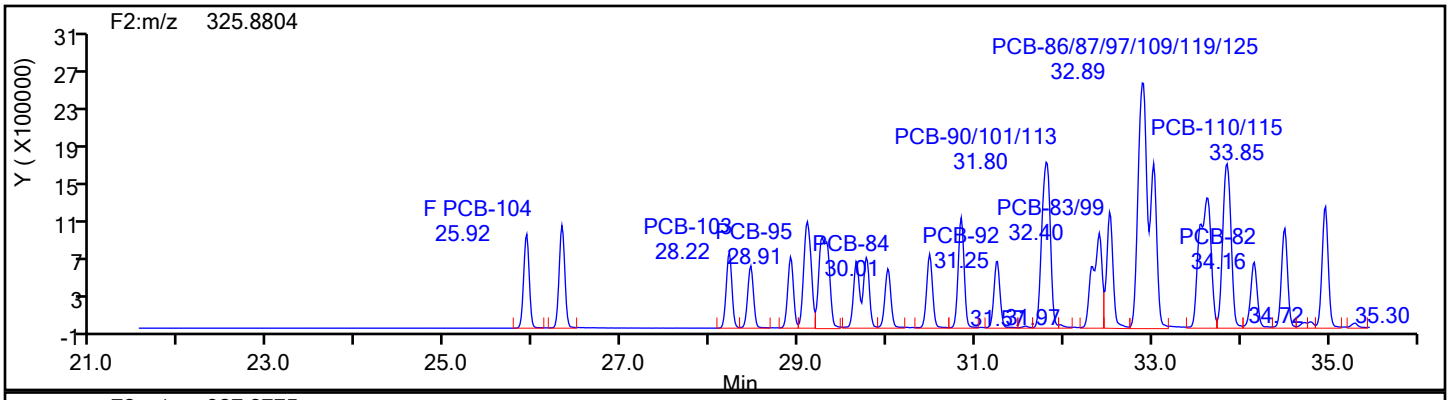
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

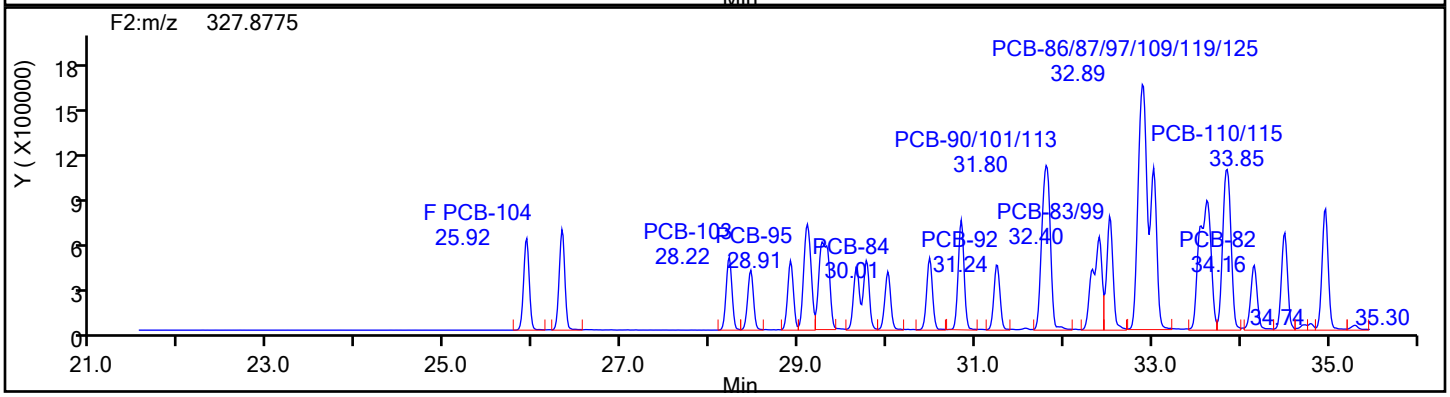
Client ID:

Worklist#: 54640 Sample Line#: 4

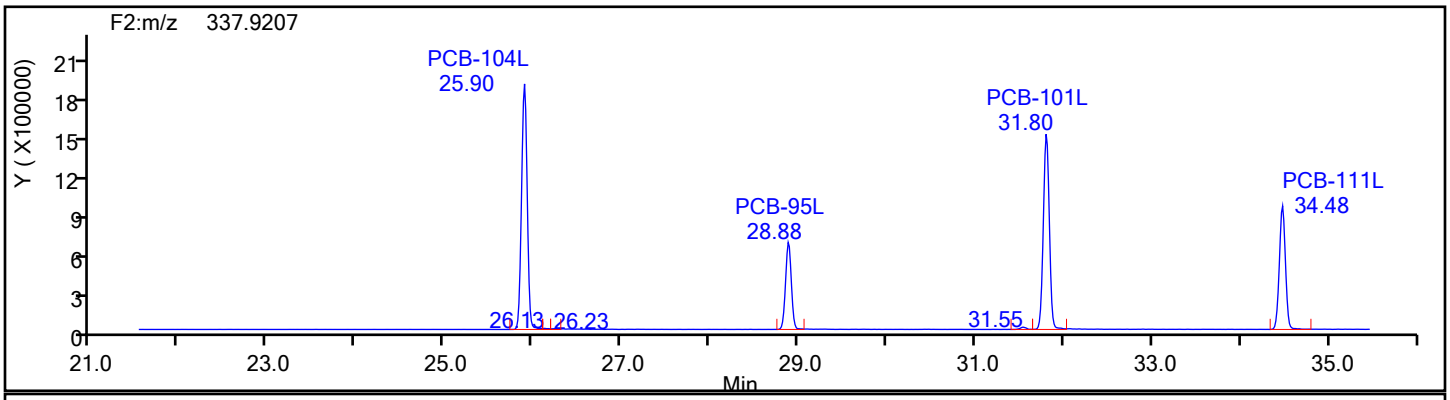
Column Type: Column Dia:

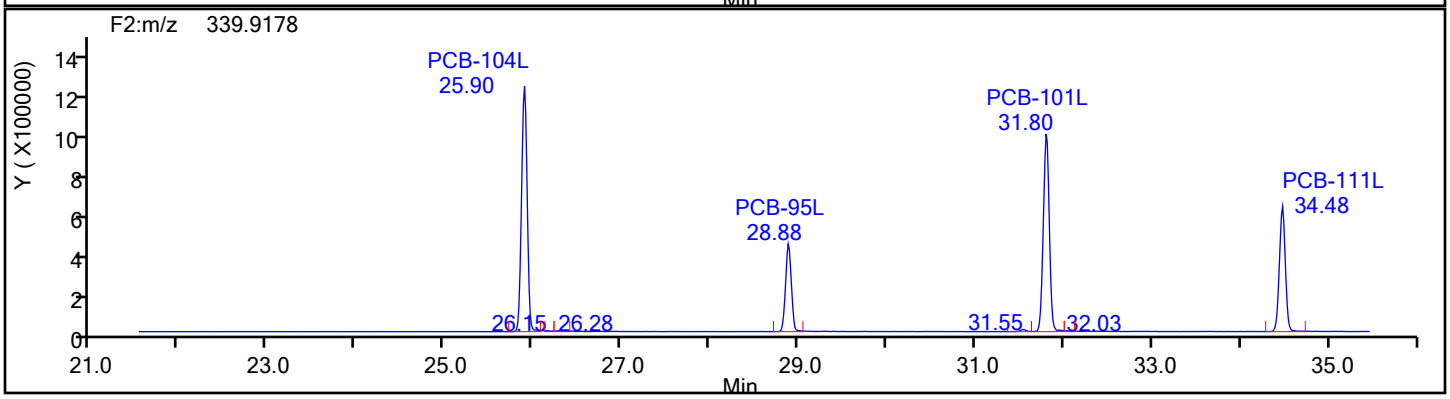
PePCB F2





PePCB F2 Standards

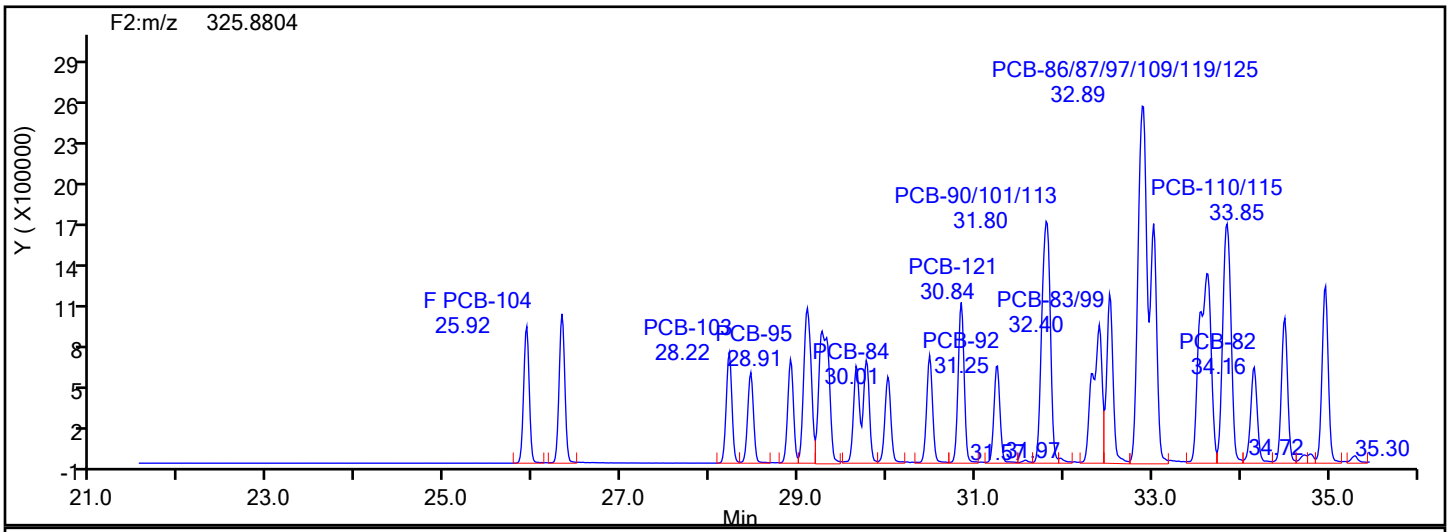


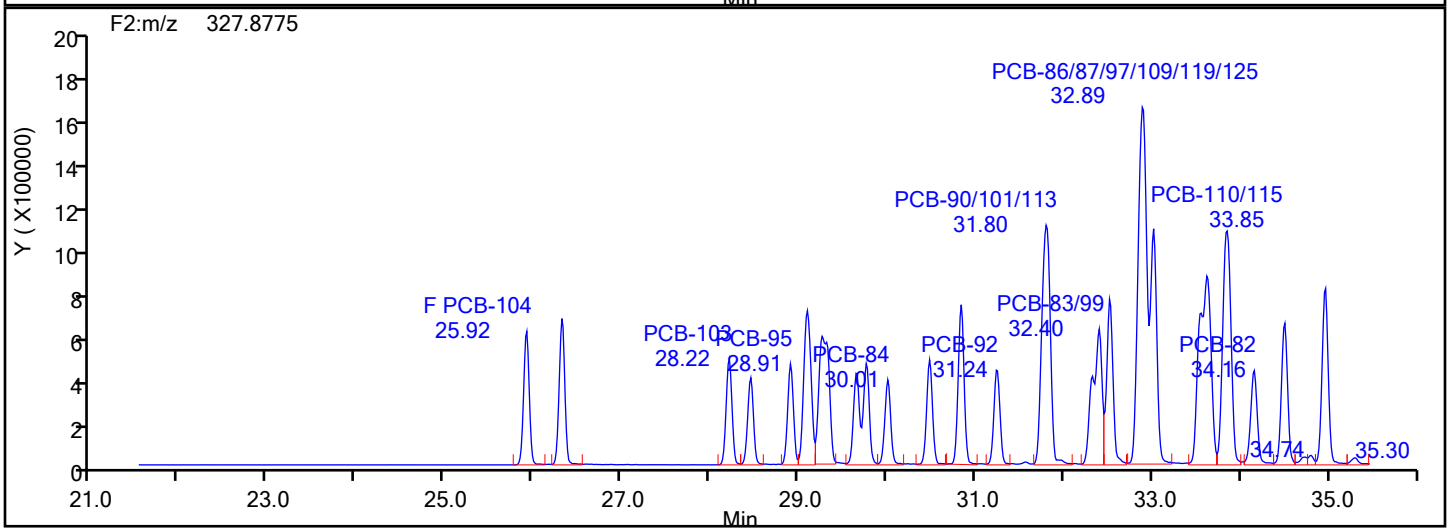


Eurofins TestAmerica, Knoxville

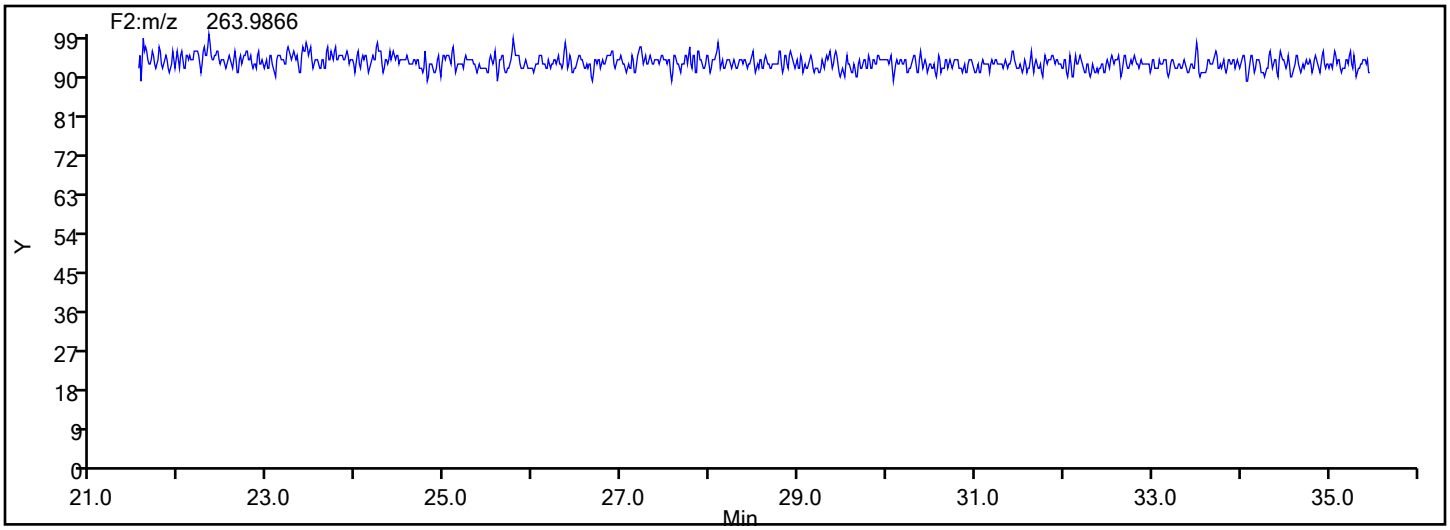
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

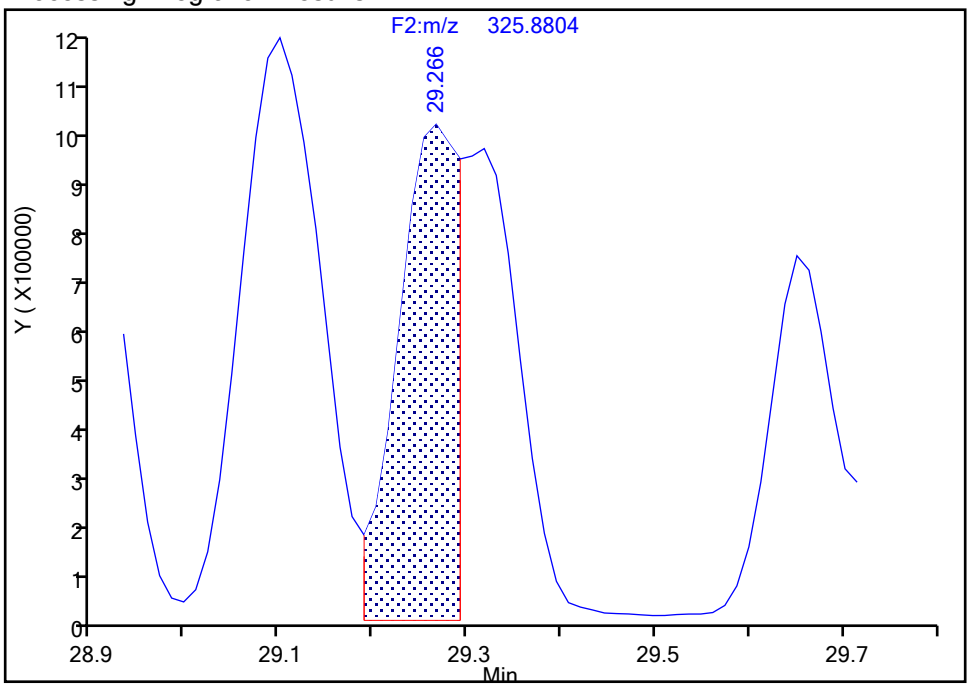
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-98/102, CAS: STL01843

Signal: 1

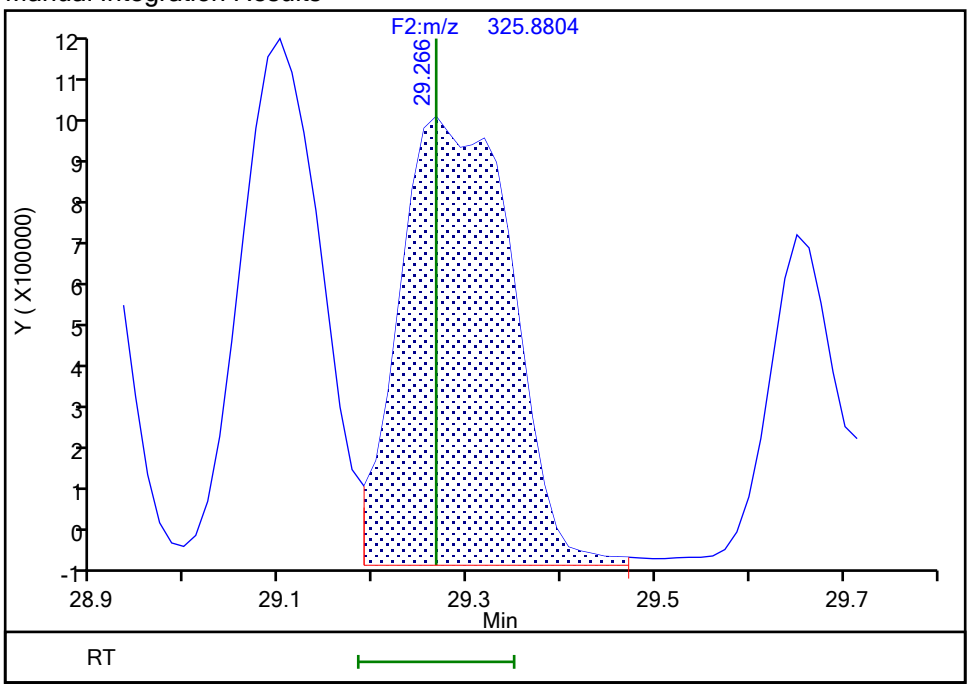
Processing Integration Results

RT: 29.27
Area: 4043903
Amount: 76.644228
Amount Units: pg/ul



Manual Integration Results

RT: 29.27
Area: 7927411
Amount: 100.1060
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:13:18

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

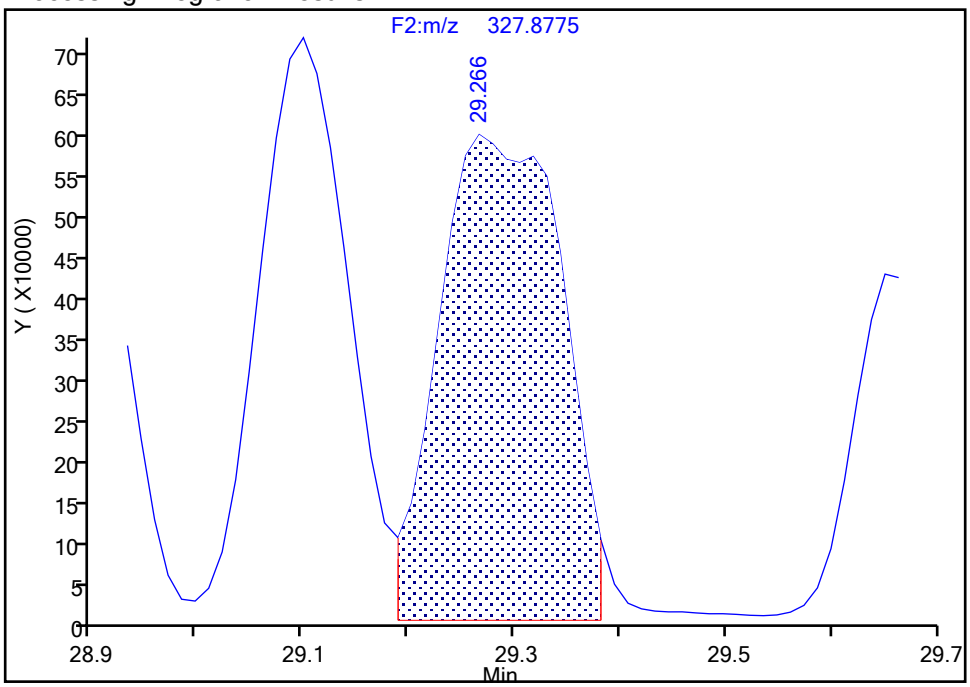
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 2

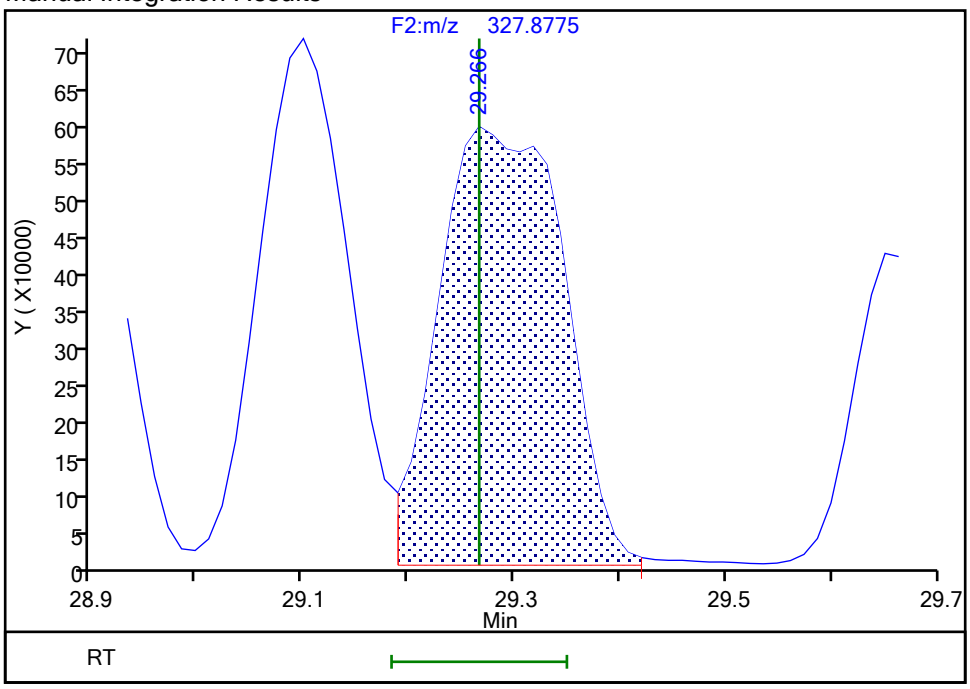
Processing Integration Results

RT: 29.27
Area: 4805454
Amount: 76.644228
Amount Units: pg/ul



Manual Integration Results

RT: 29.27
Area: 4846596
Amount: 100.1060
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:13:21
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

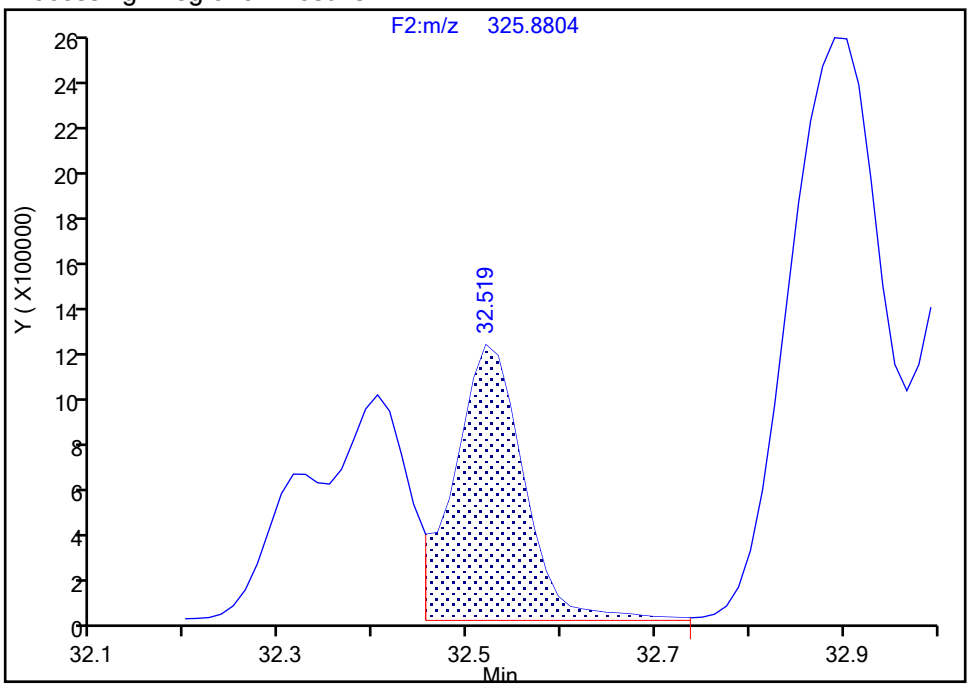
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-112, CAS: 74472-36-9

Signal: 1

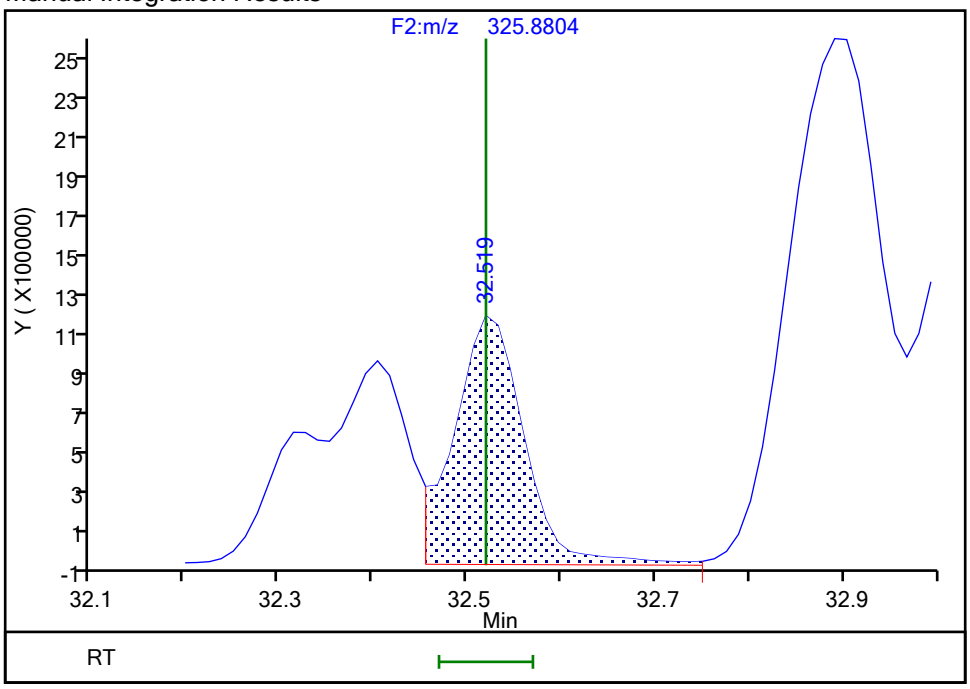
Processing Integration Results

RT: 32.52
Area: 6181027
Amount: 52.101765
Amount Units: pg/ul



Manual Integration Results

RT: 32.52
Area: 6232839
Amount: 51.422649
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:13:35

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

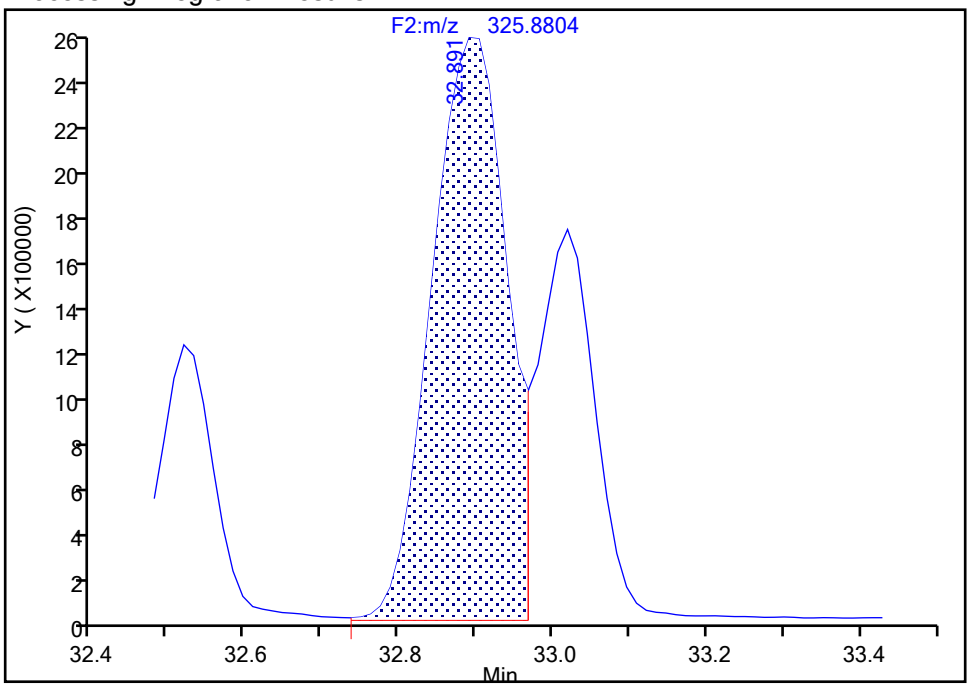
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

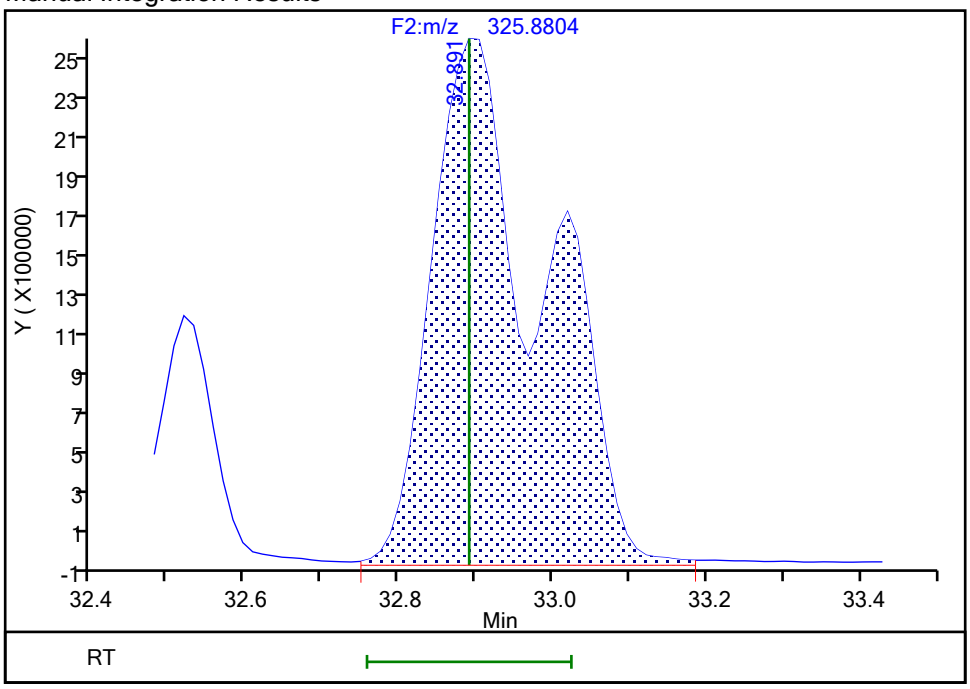
Processing Integration Results

RT: 32.89
Area: 17329544
Amount: 225.4705
Amount Units: pg/ul



Manual Integration Results

RT: 32.89
Area: 26157765
Amount: 298.8673
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:13:35

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

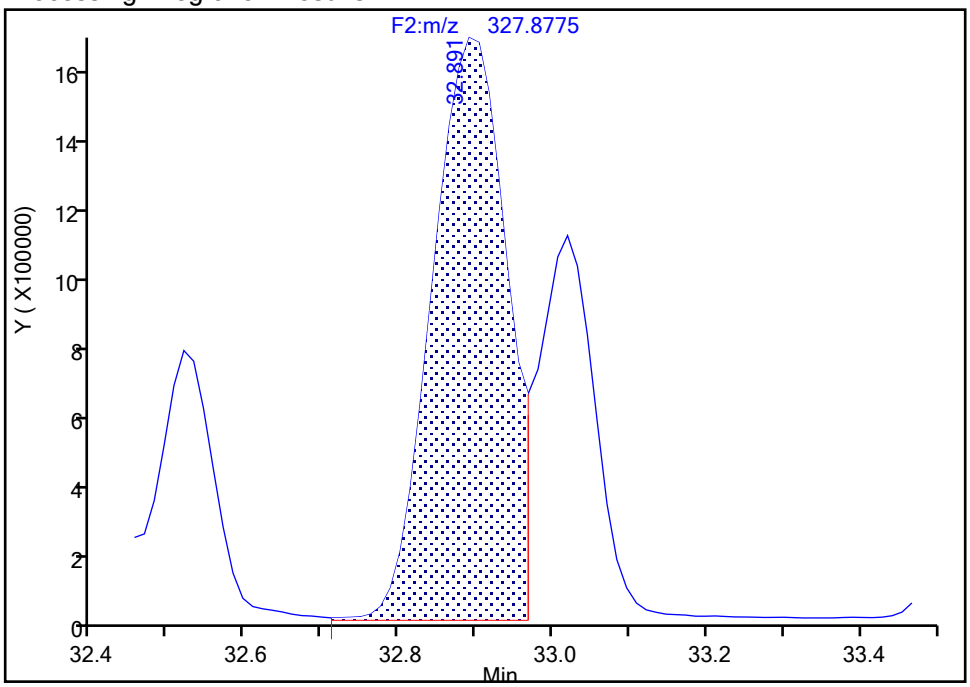
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

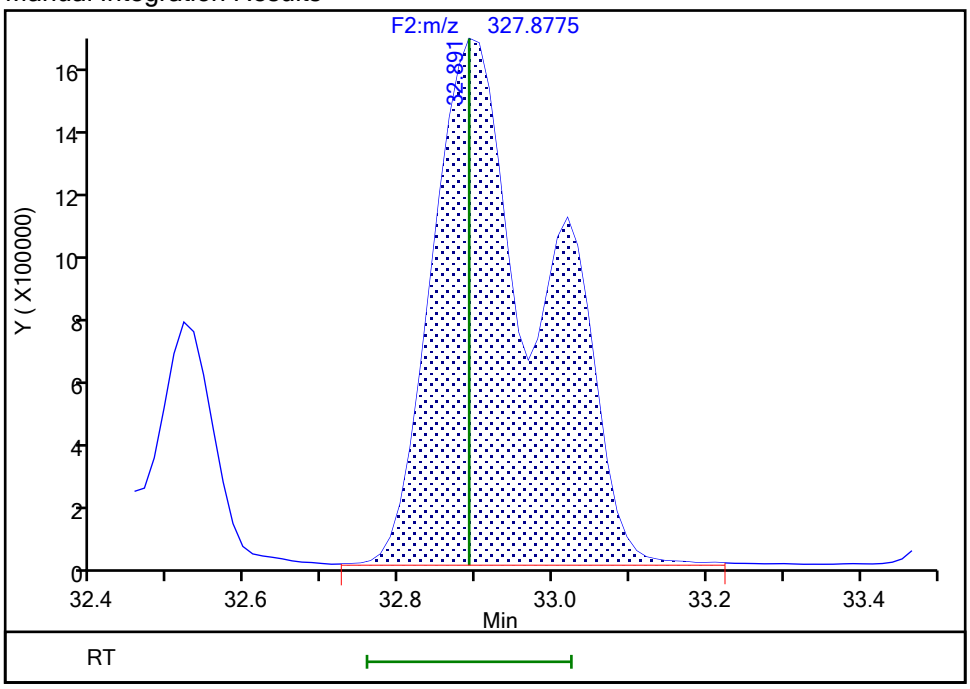
Processing Integration Results

RT: 32.89
Area: 11125878
Amount: 225.4705
Amount Units: pg/ul



Manual Integration Results

RT: 32.89
Area: 16549289
Amount: 298.8673
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:13:39
Audit Action: Manually Integrated Audit Reason: Split Peak

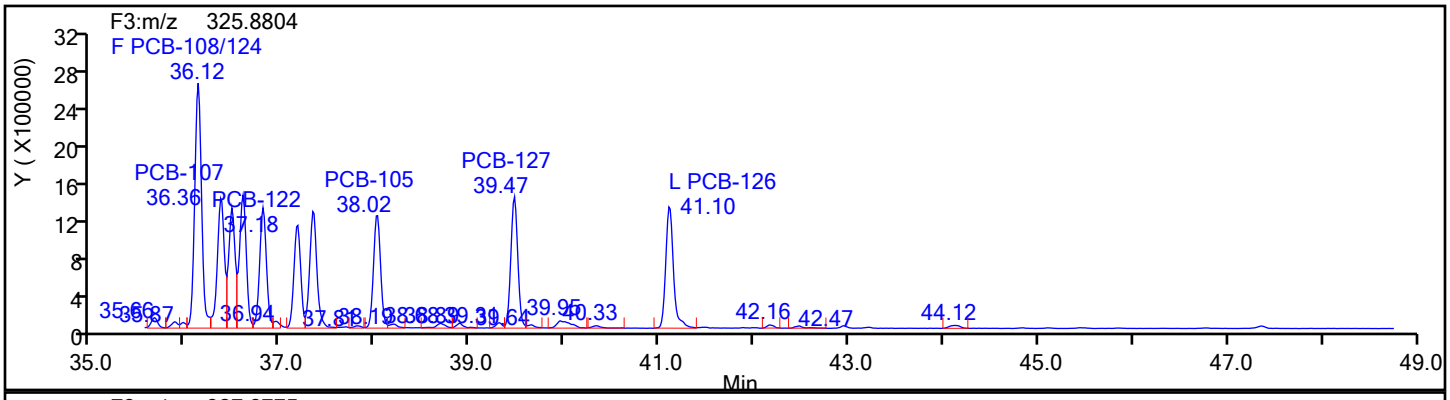
Report Date: 08-Oct-2021 19:11:09 Chrom Revision: 2.3 22-Sep-2021 15:38:46

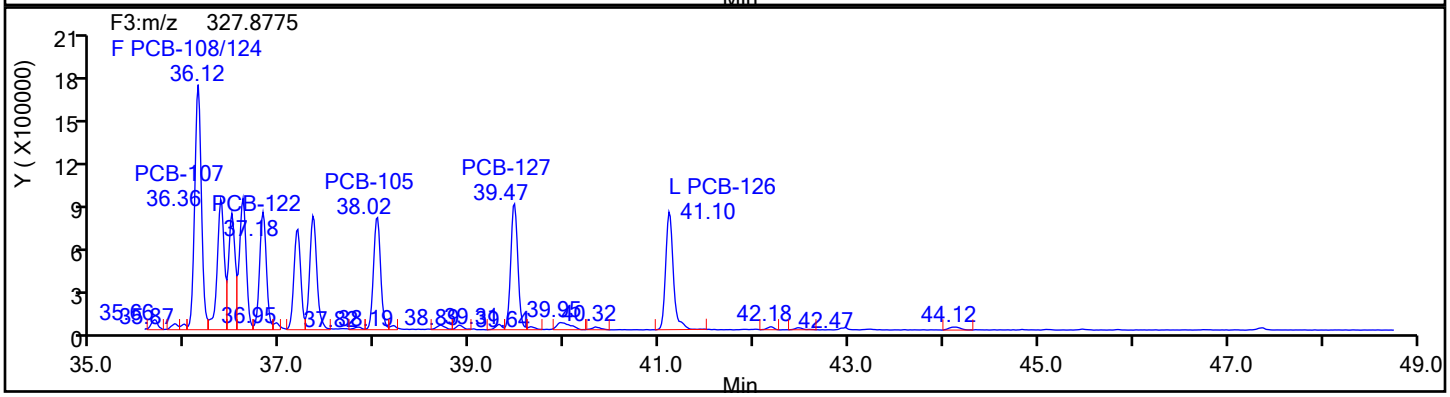
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

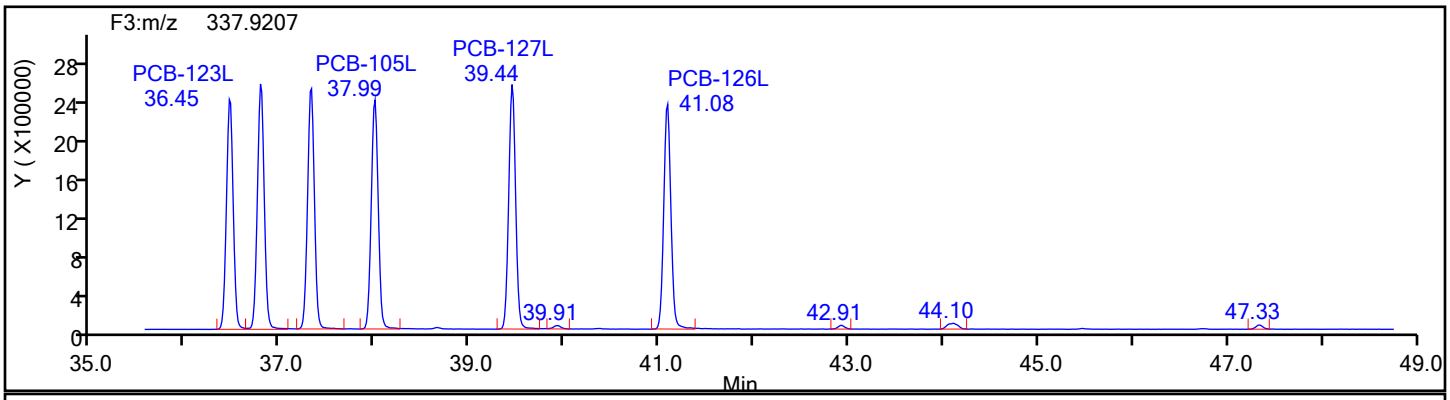
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

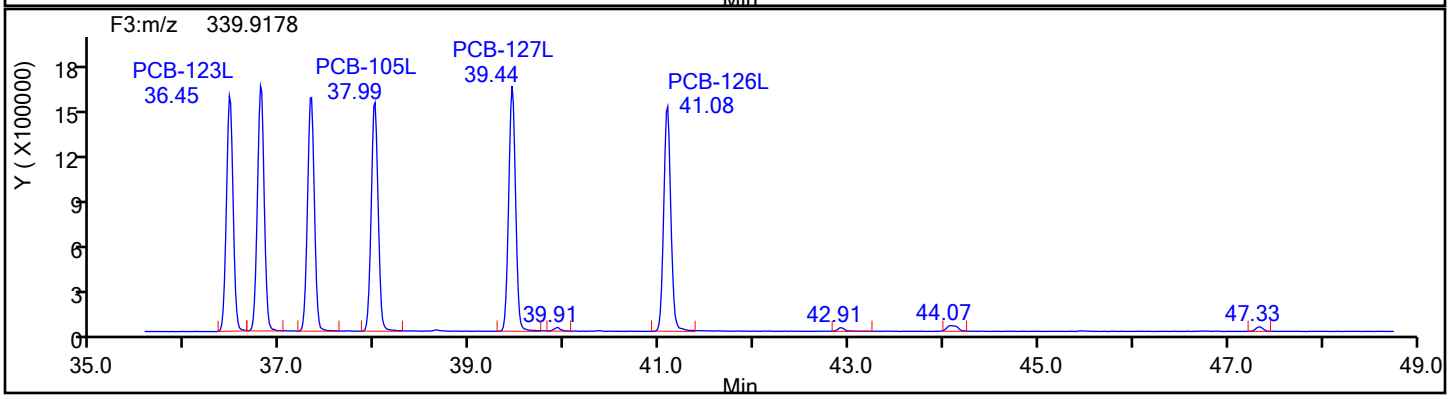
PePCB F3





PePCB F3 Standards



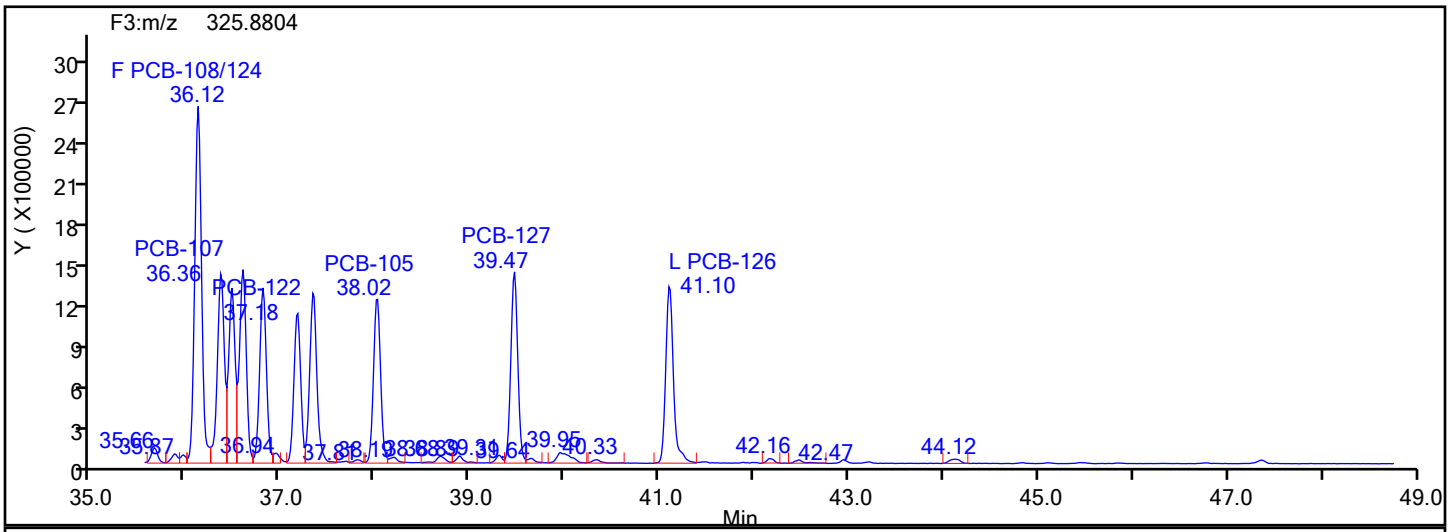


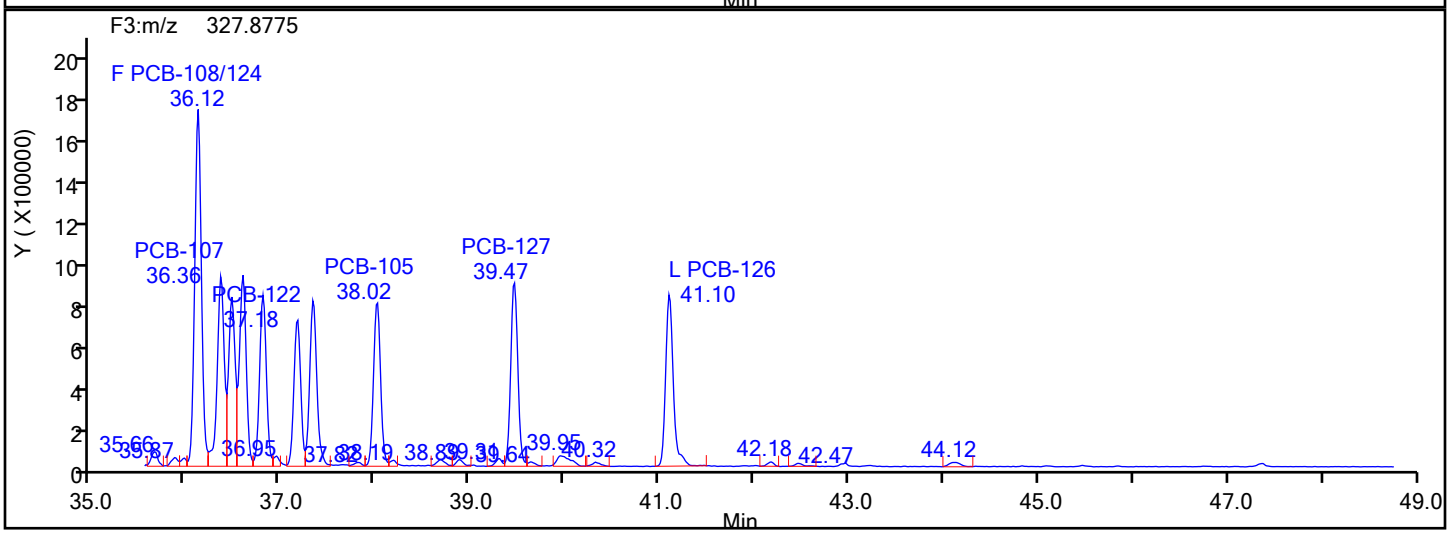
Report Date: 08-Oct-2021 19:11:09 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

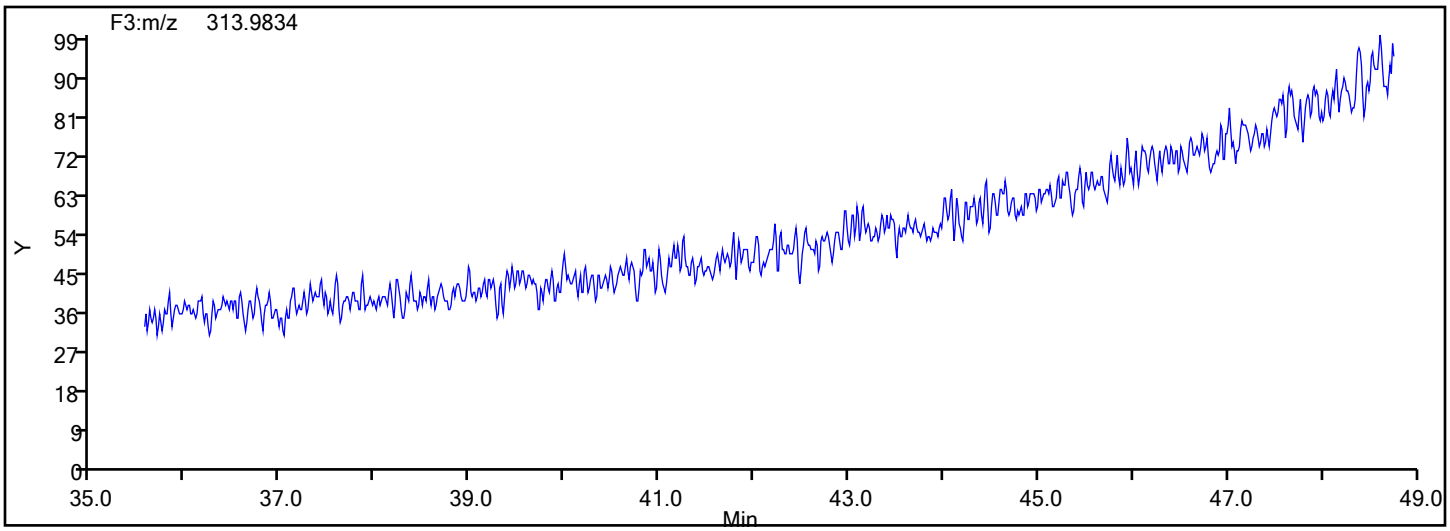
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

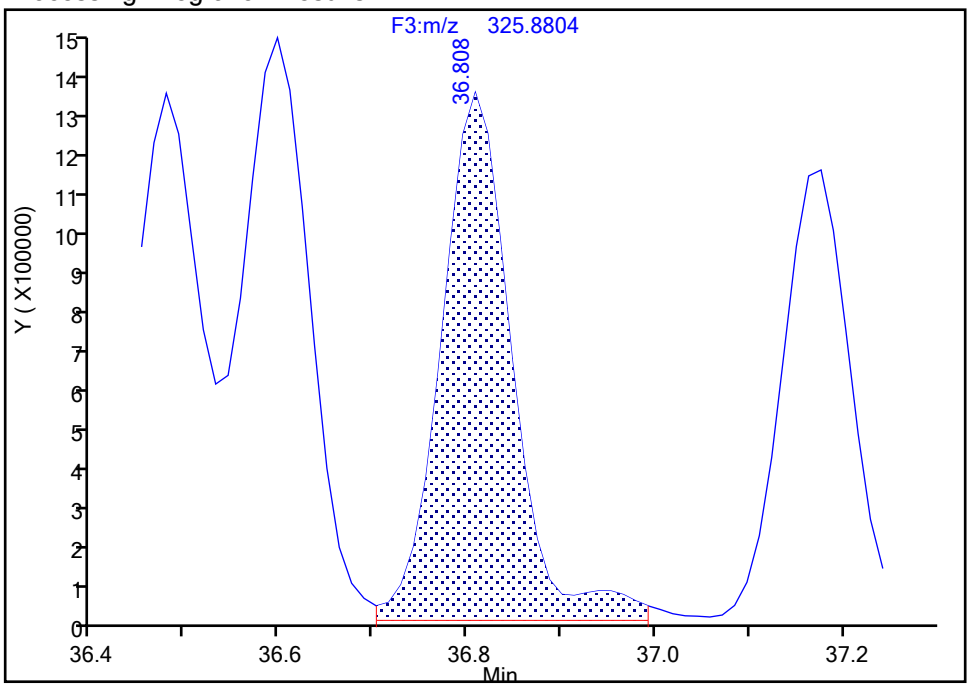
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 1

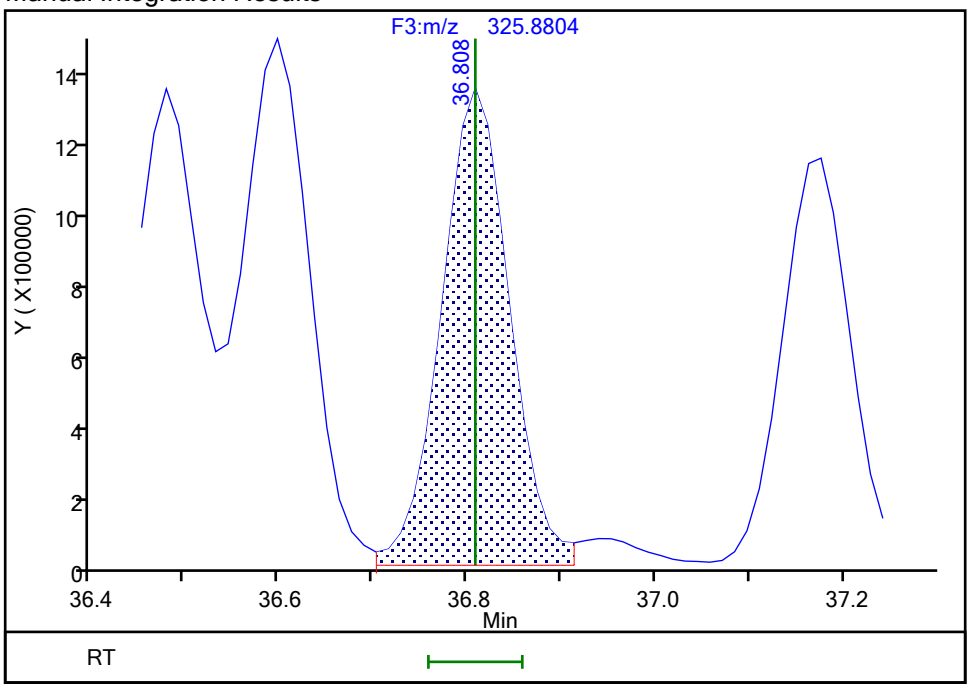
Processing Integration Results

RT: 36.81
Area: 6822653
Amount: 53.321363
Amount Units: pg/ul



Manual Integration Results

RT: 36.81
Area: 6529701
Amount: 50.153229
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:13:54

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

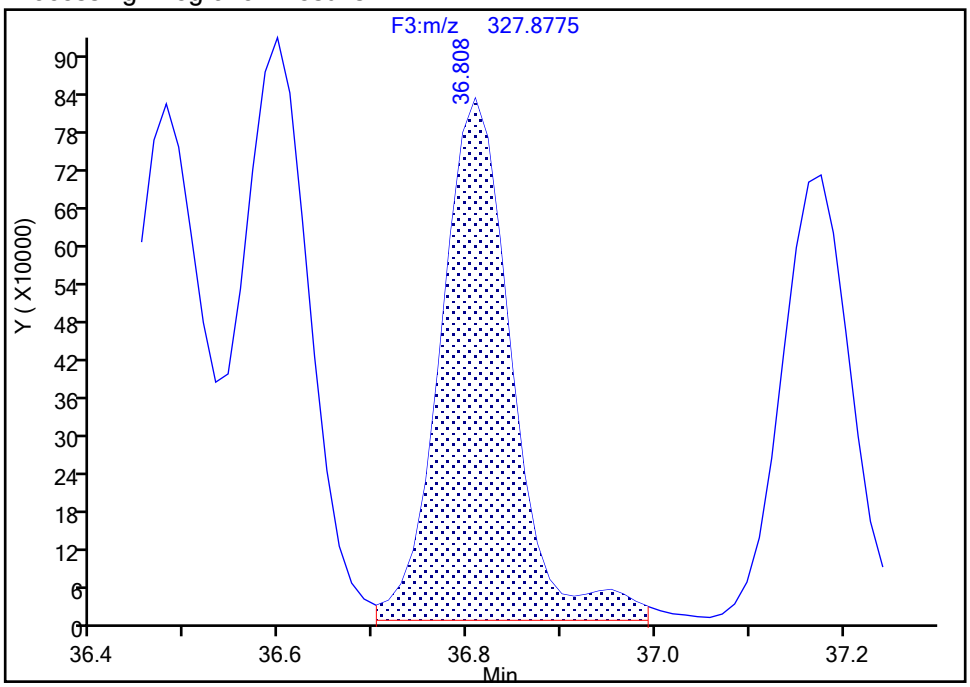
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 2

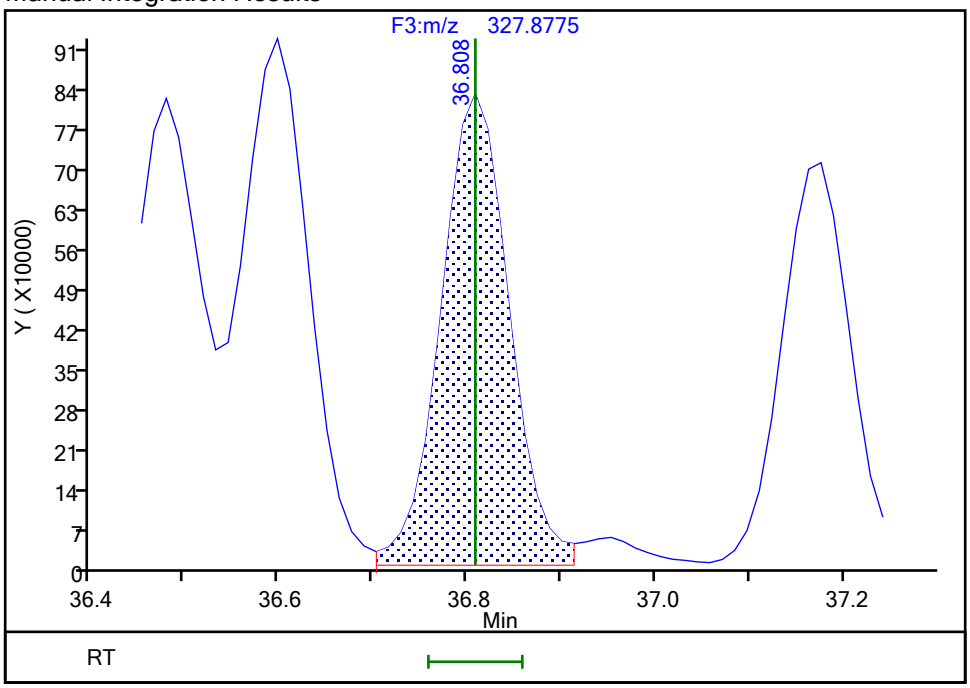
Processing Integration Results

RT: 36.81
Area: 4356494
Amount: 53.321363
Amount Units: pg/ul



Manual Integration Results

RT: 36.81
Area: 4170125
Amount: 50.153229
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:13:56
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

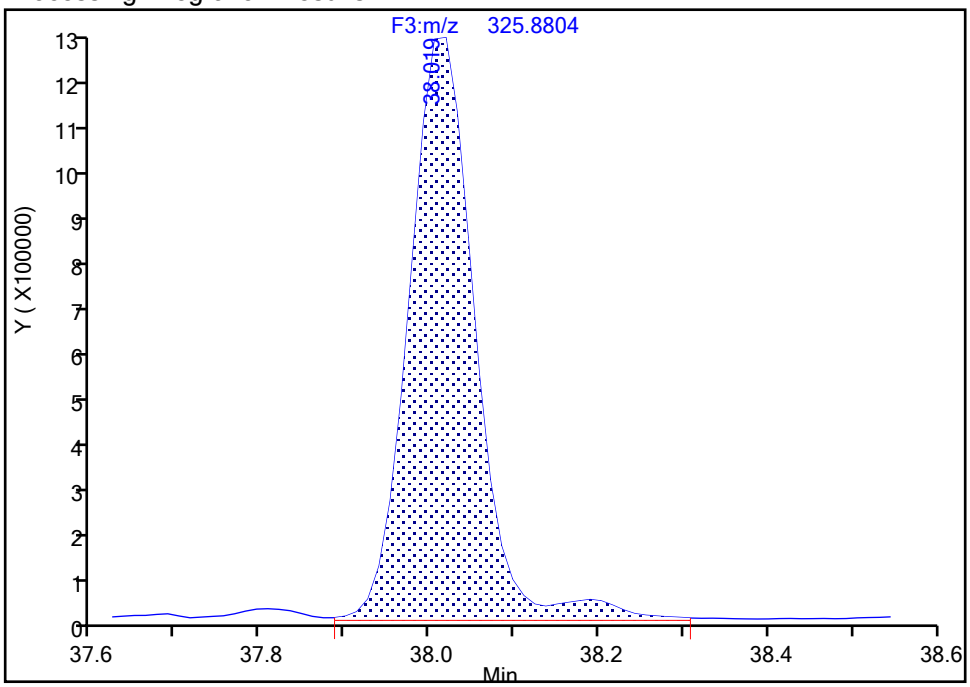
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-105, CAS: 32598-14-4

Signal: 1

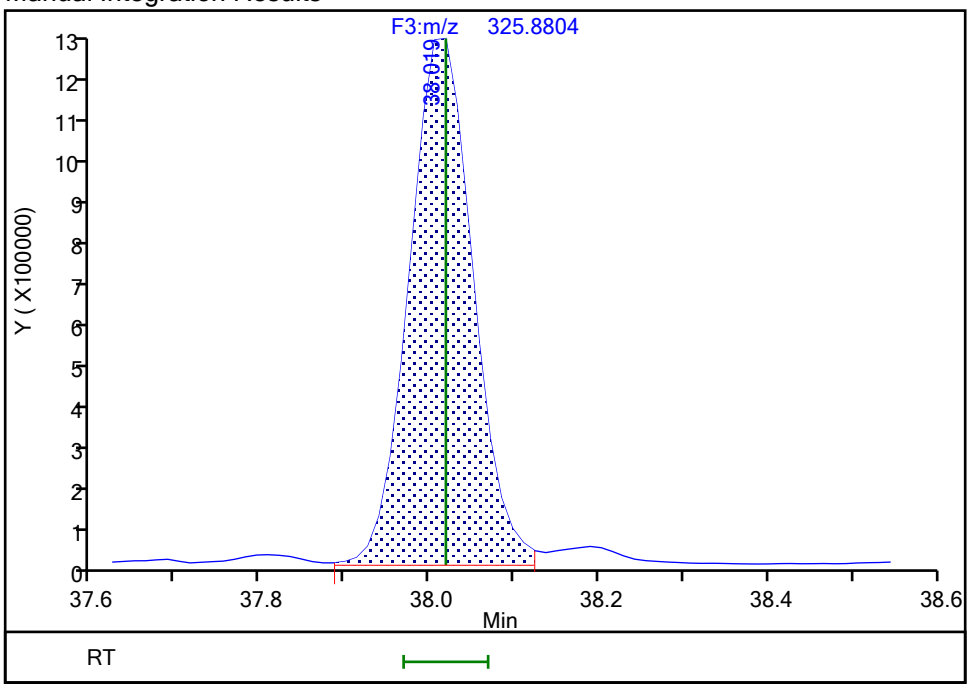
Processing Integration Results

RT: 38.02
Area: 6653213
Amount: 52.206190
Amount Units: pg/ul



Manual Integration Results

RT: 38.02
Area: 6382617
Amount: 49.523425
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:14:04

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

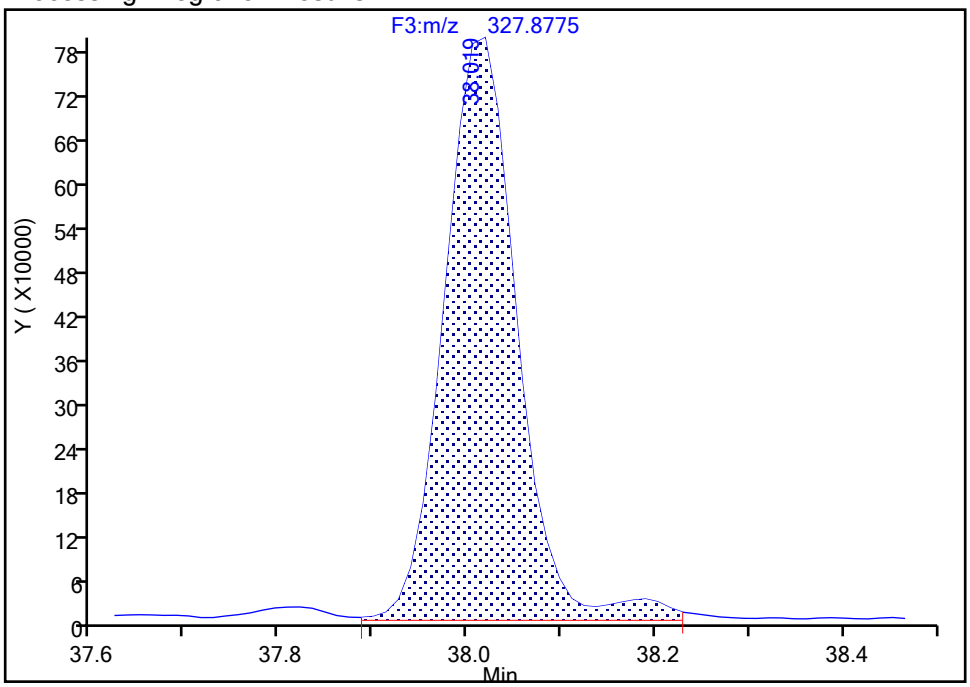
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-105, CAS: 32598-14-4

Signal: 2

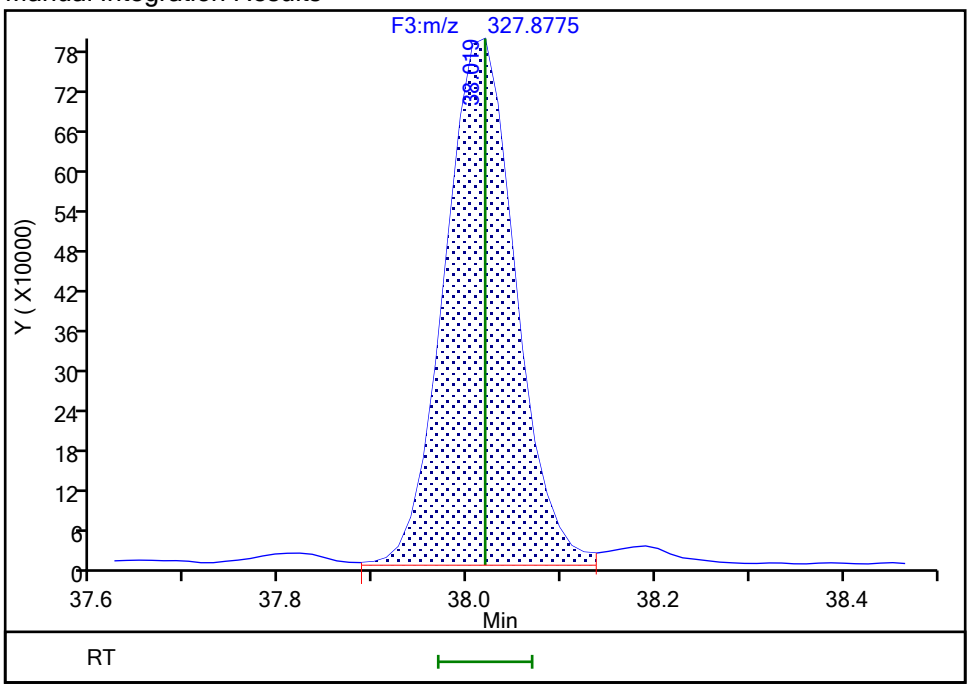
Processing Integration Results

RT: 38.02
Area: 4263476
Amount: 52.206190
Amount Units: pg/ul



Manual Integration Results

RT: 38.02
Area: 4139487
Amount: 49.523425
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:14:07
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

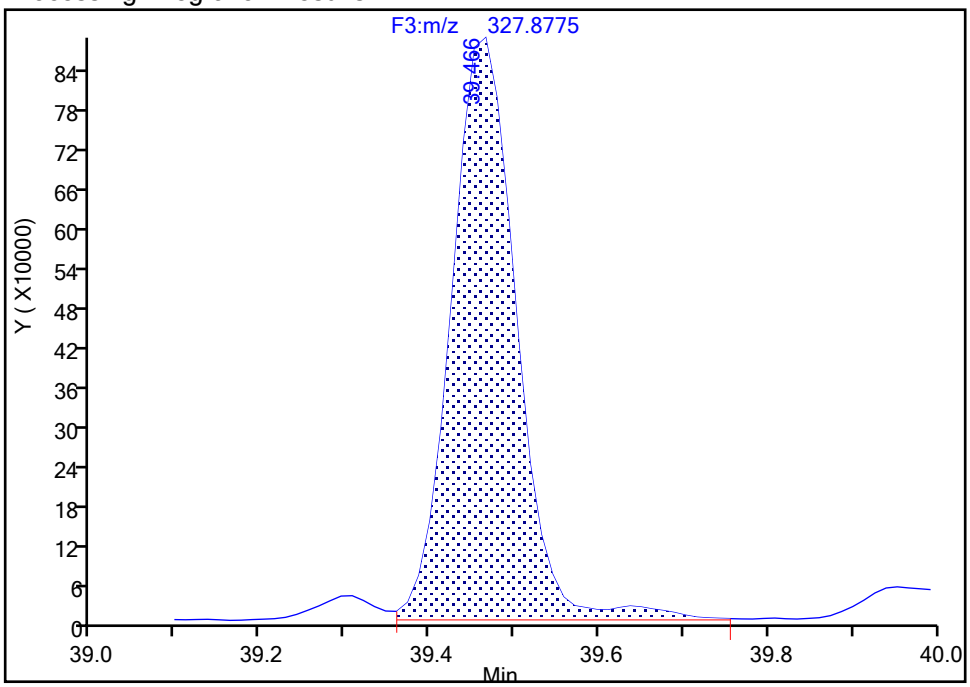
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-127, CAS: 39635-33-1

Signal: 2

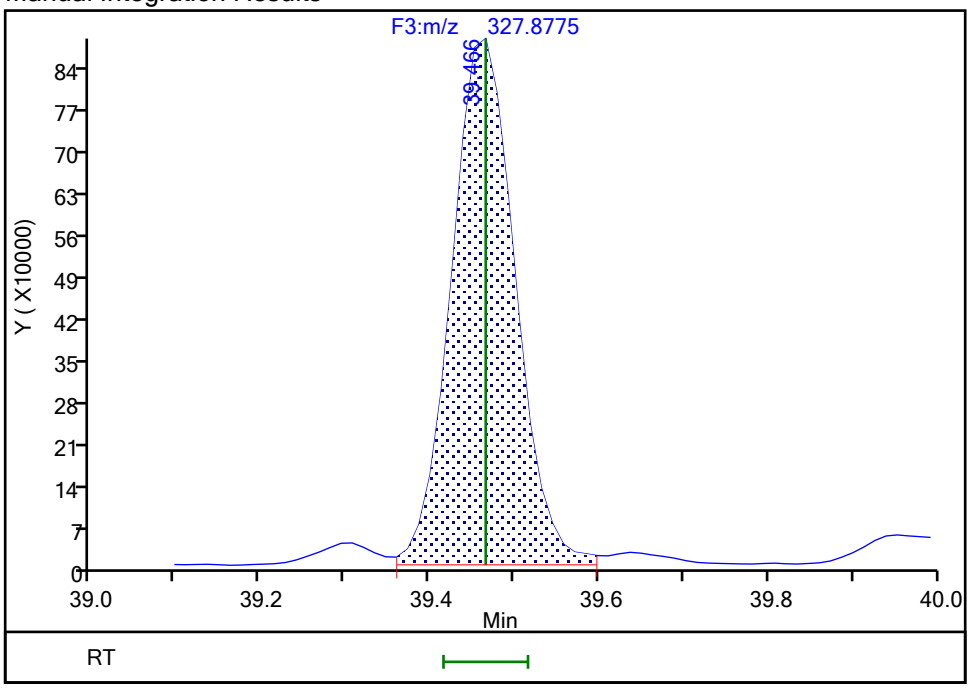
Processing Integration Results

RT: 39.47
Area: 4748776
Amount: 52.673157
Amount Units: pg/ul



Manual Integration Results

RT: 39.47
Area: 4637559
Amount: 50.186228
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:14:13
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

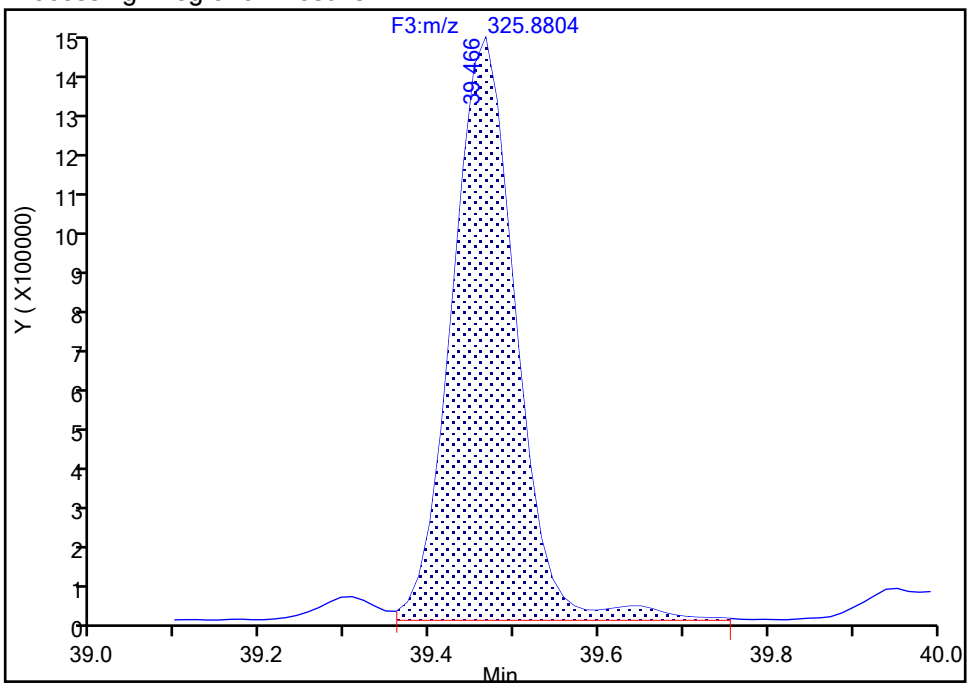
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-127, CAS: 39635-33-1

Signal: 1

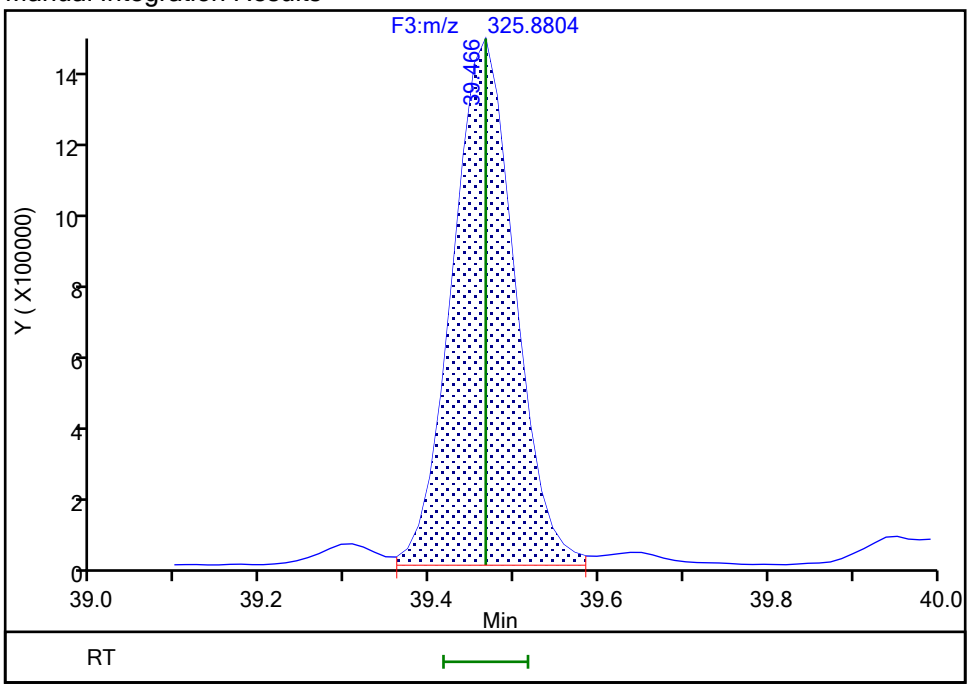
Processing Integration Results

RT: 39.47
Area: 7447465
Amount: 52.673157
Amount Units: pg/ul



Manual Integration Results

RT: 39.47
Area: 7246995
Amount: 50.186228
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:14:16
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:11:09 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date: 08-Oct-2021 14:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

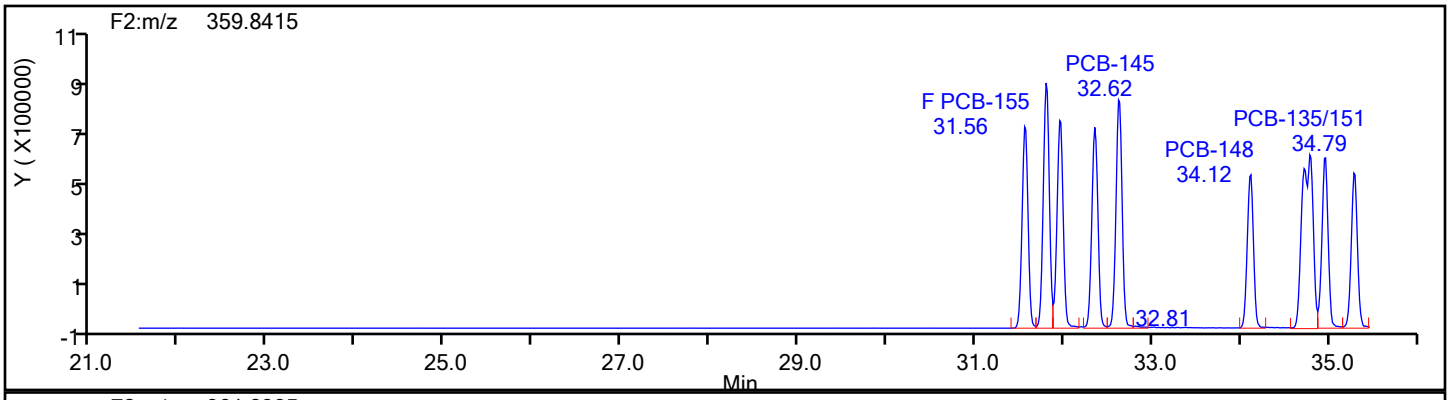
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

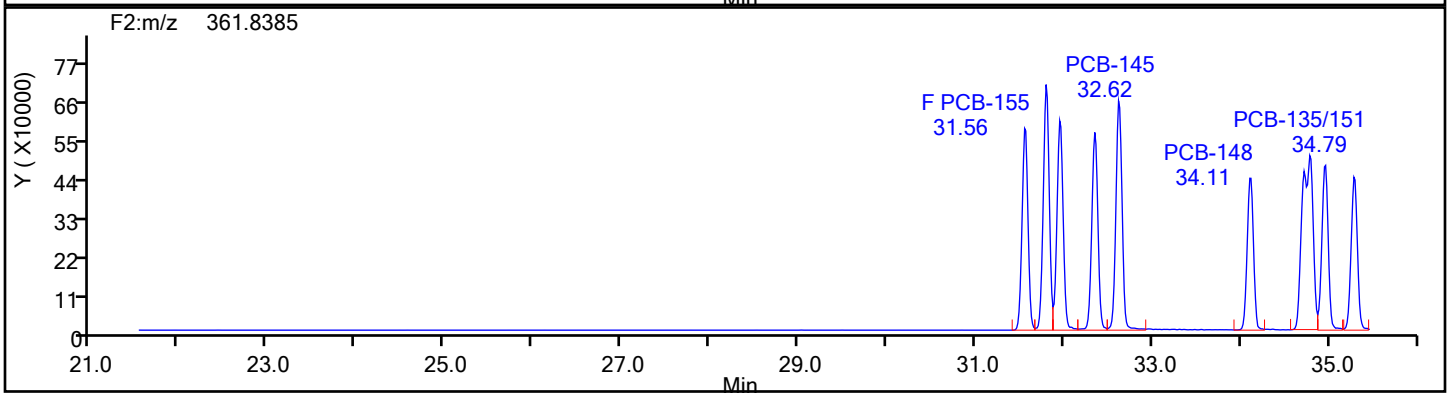
Client ID:

Worklist#: 54640 Sample Line#: 4

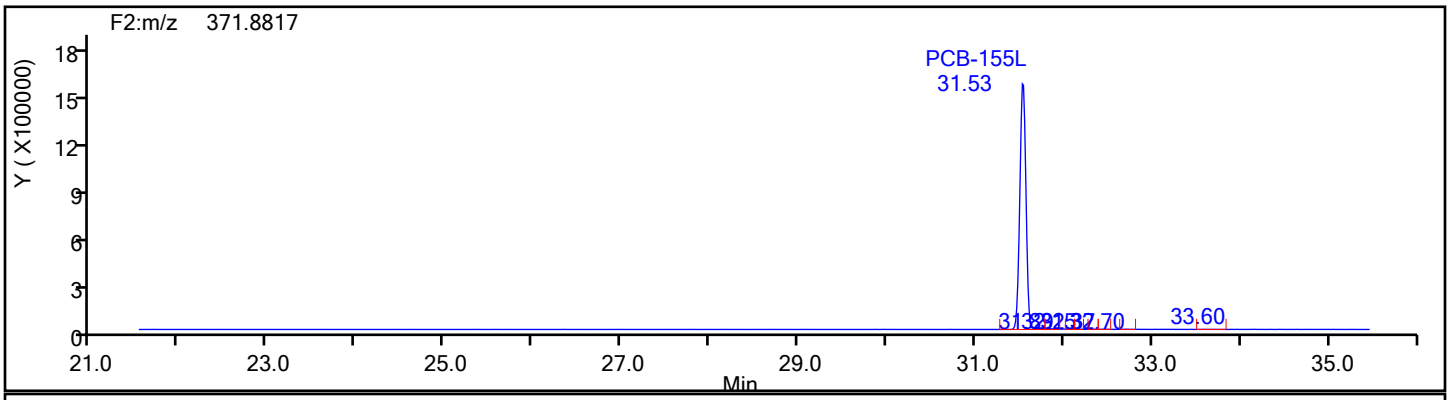
Column Type: Column Dia:

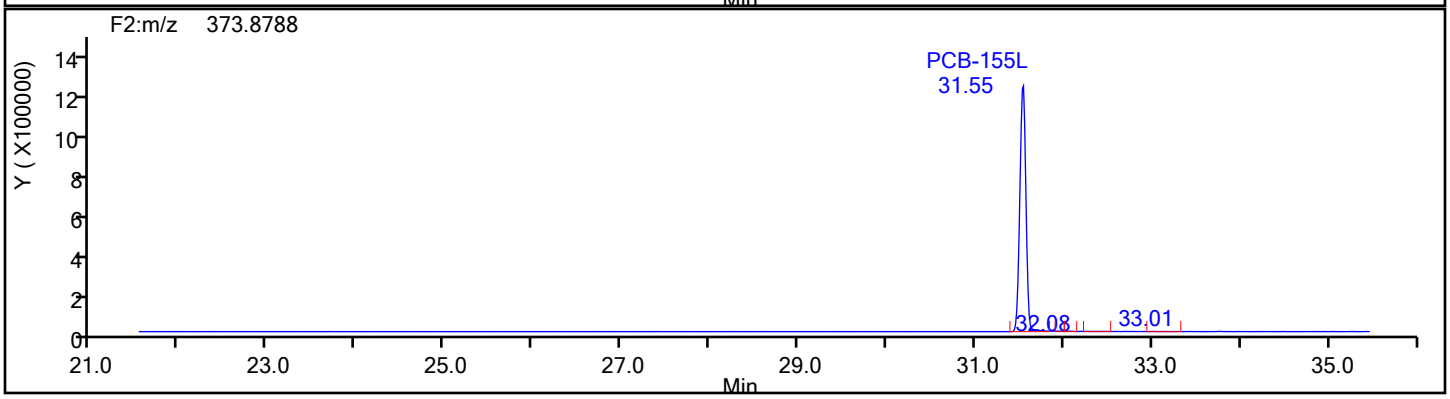
HxPCB F2





HxPCB F2 Standards



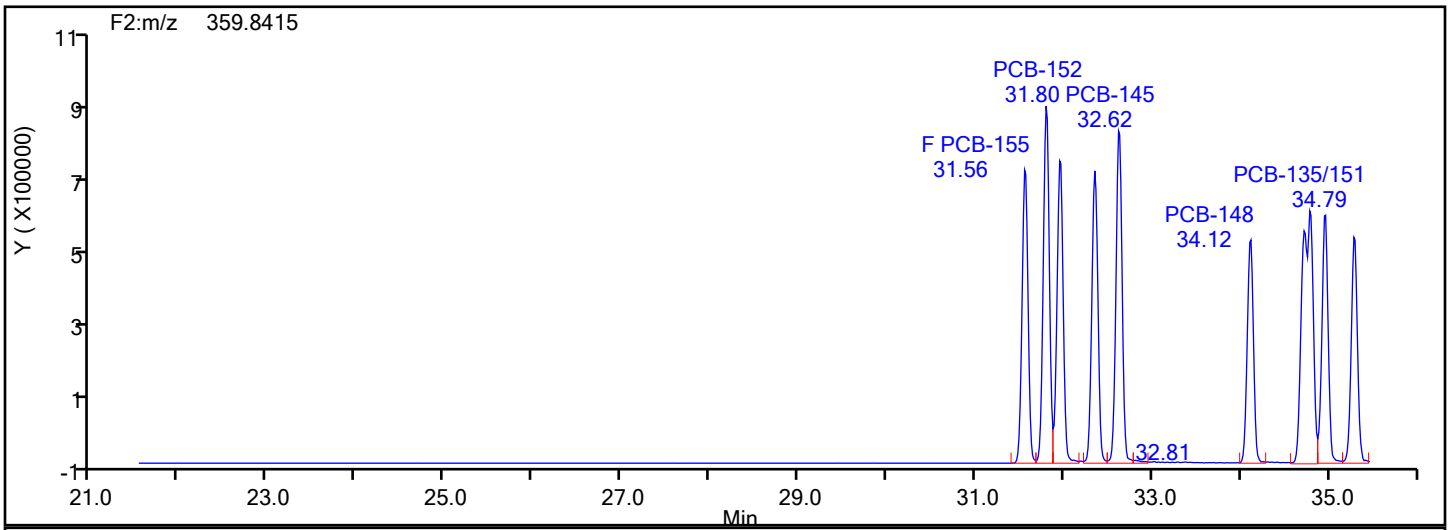


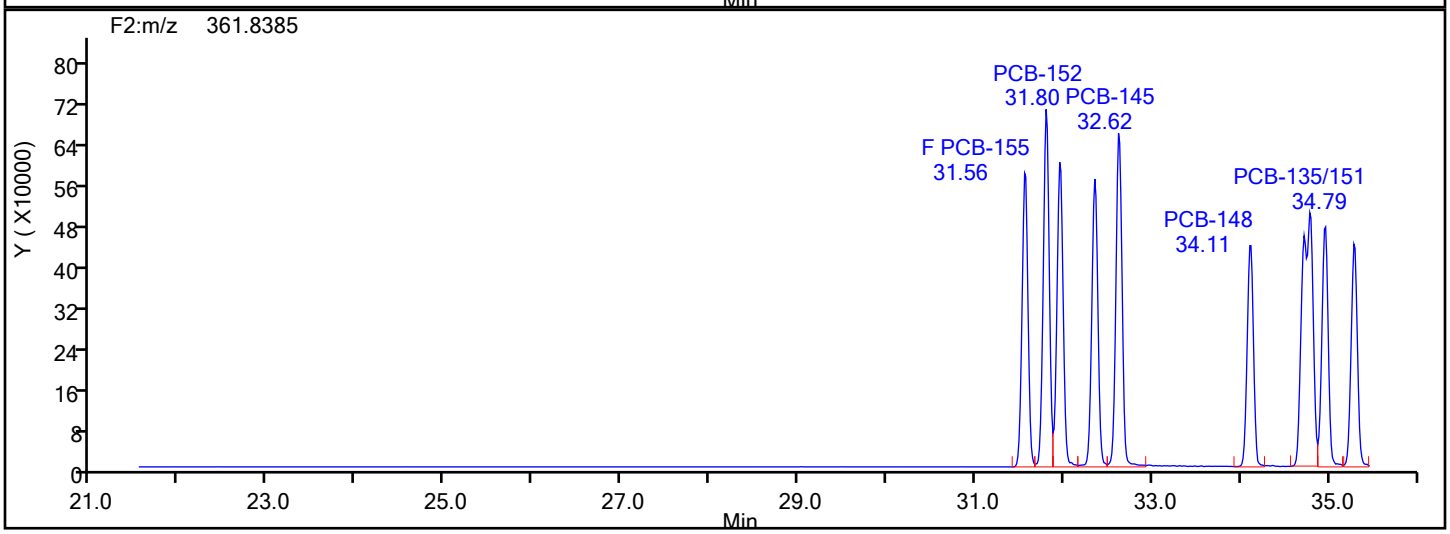
Report Date: 08-Oct-2021 19:11:09 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

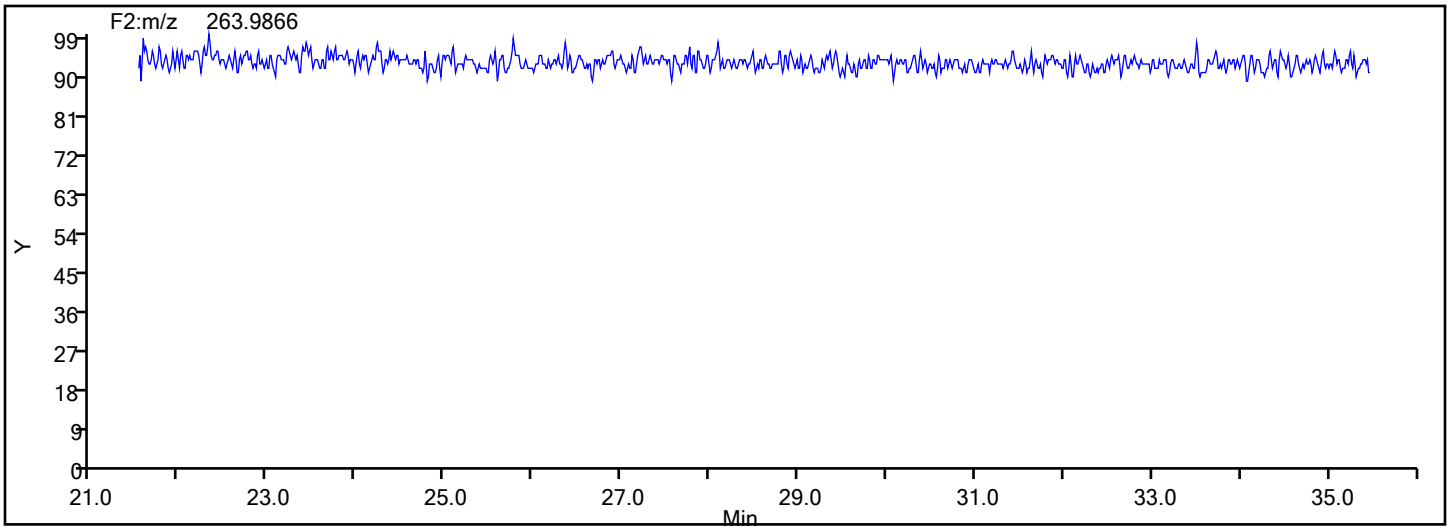
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

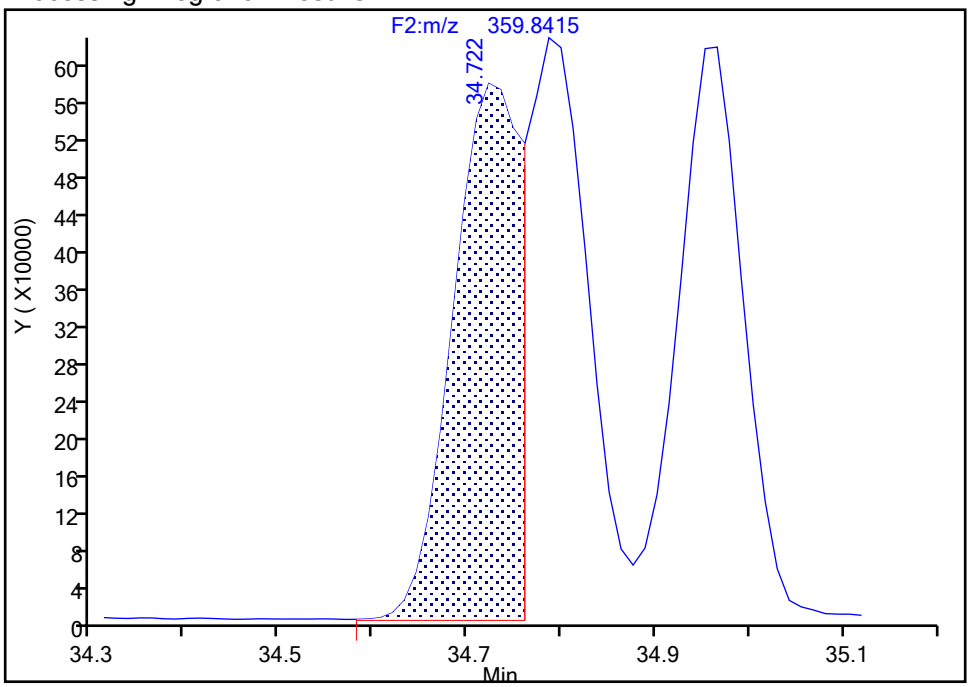
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 1

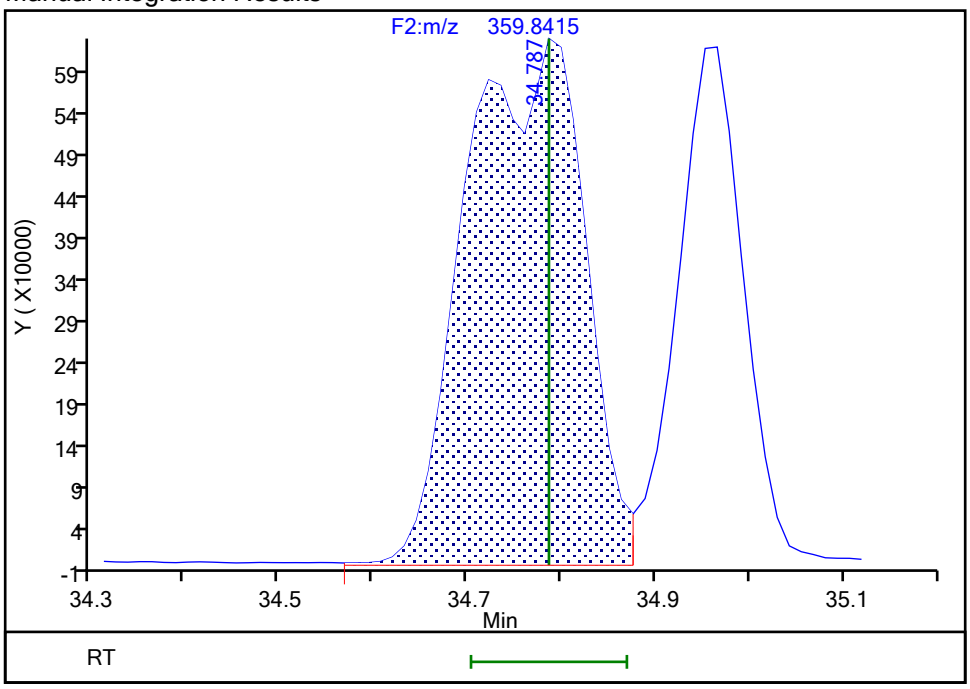
Processing Integration Results

RT: 34.72
Area: 2813176
Amount: 55.021609
Amount Units: pg/ul



Manual Integration Results

RT: 34.79
Area: 5535322
Amount: 99.052408
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:14:34

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

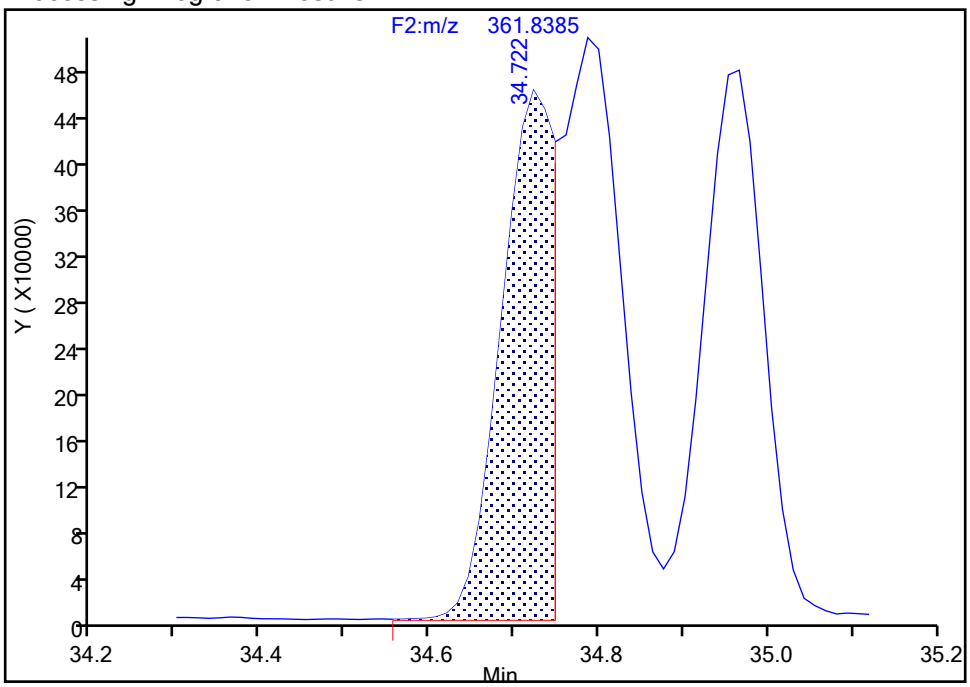
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-135/151, CAS: STL01819

Signal: 2

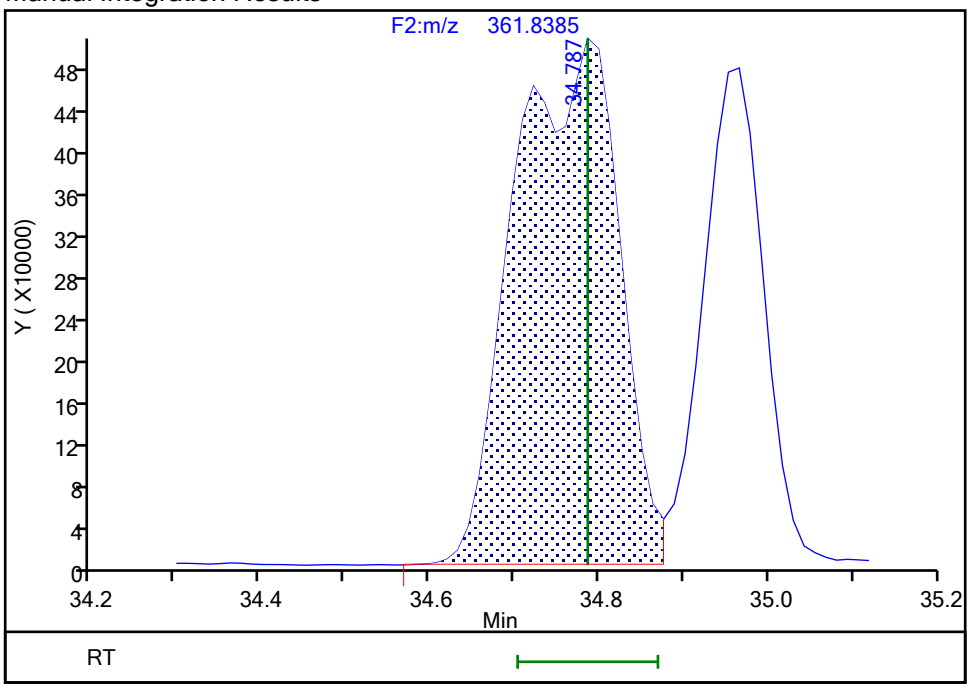
Processing Integration Results

RT: 34.72
Area: 1888726
Amount: 55.021609
Amount Units: pg/ul



Manual Integration Results

RT: 34.79
Area: 4317614
Amount: 99.052408
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:14:40
Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date: 08-Oct-2021 14:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

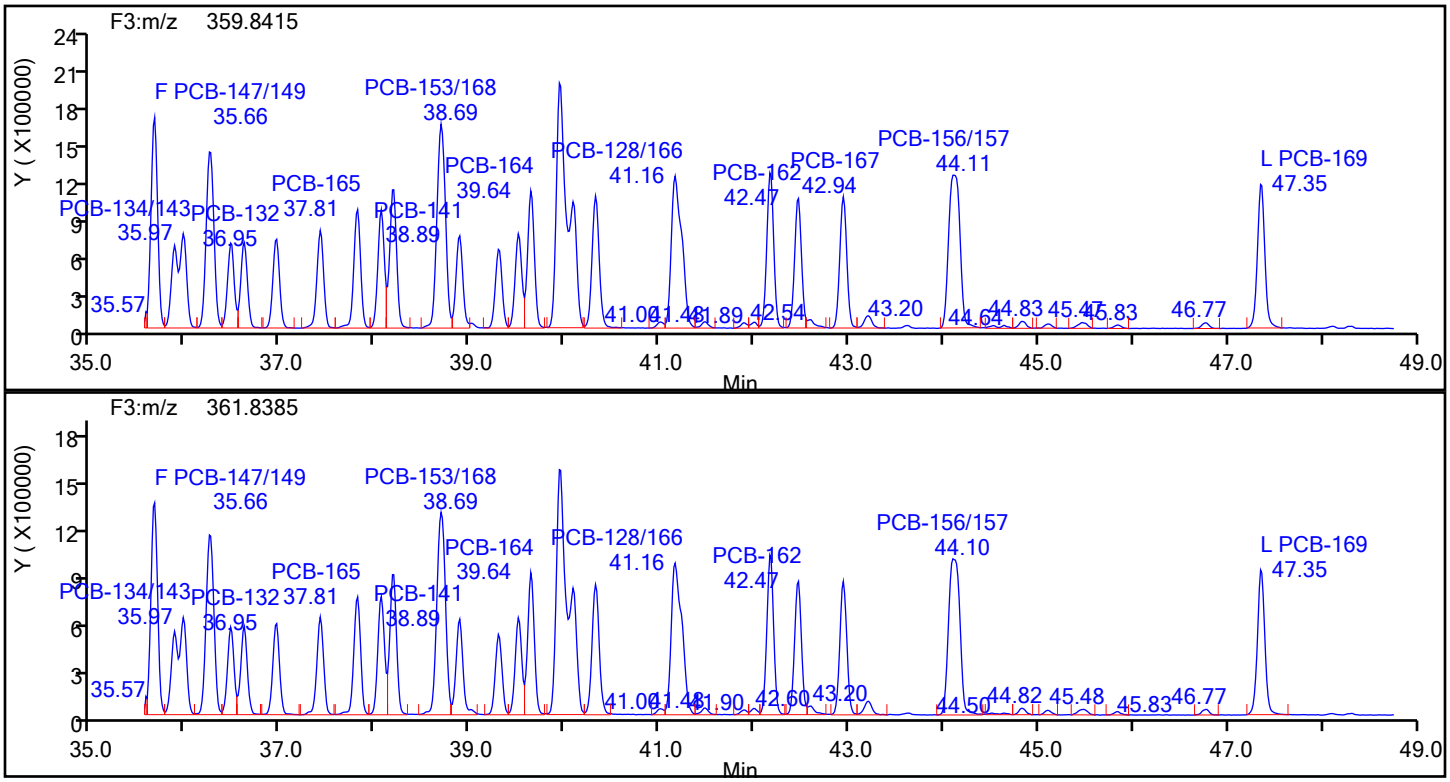
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

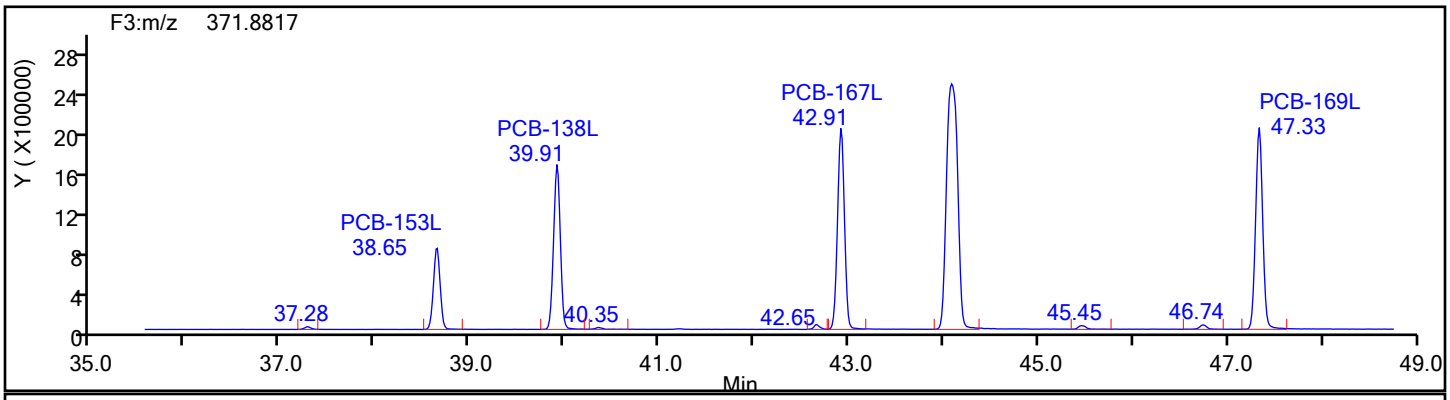
Worklist#: 54640 Sample Line#: 4

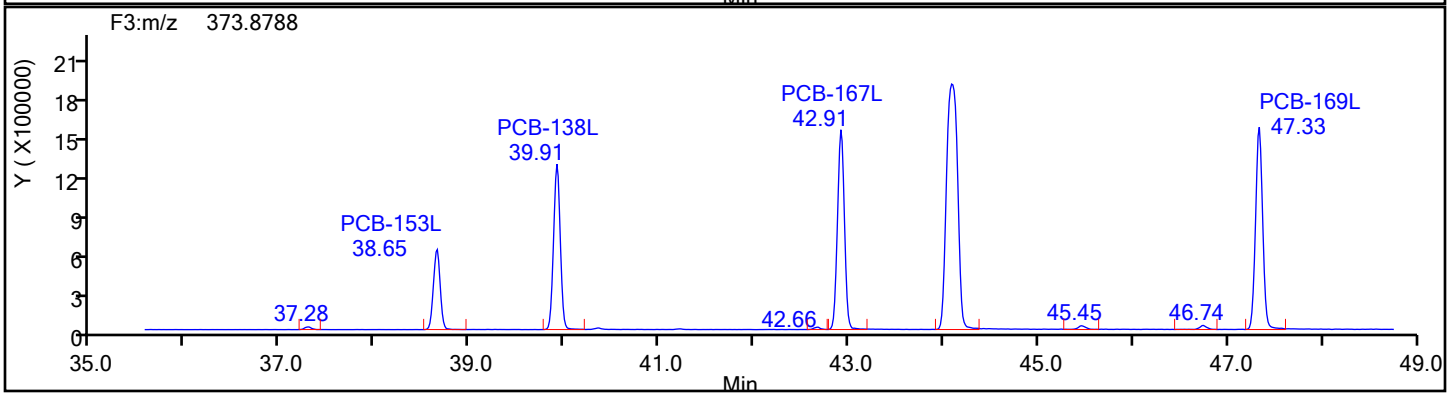
Column Type: Column Dia:

HxPCB F3



HxPCB F3 Standards





Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
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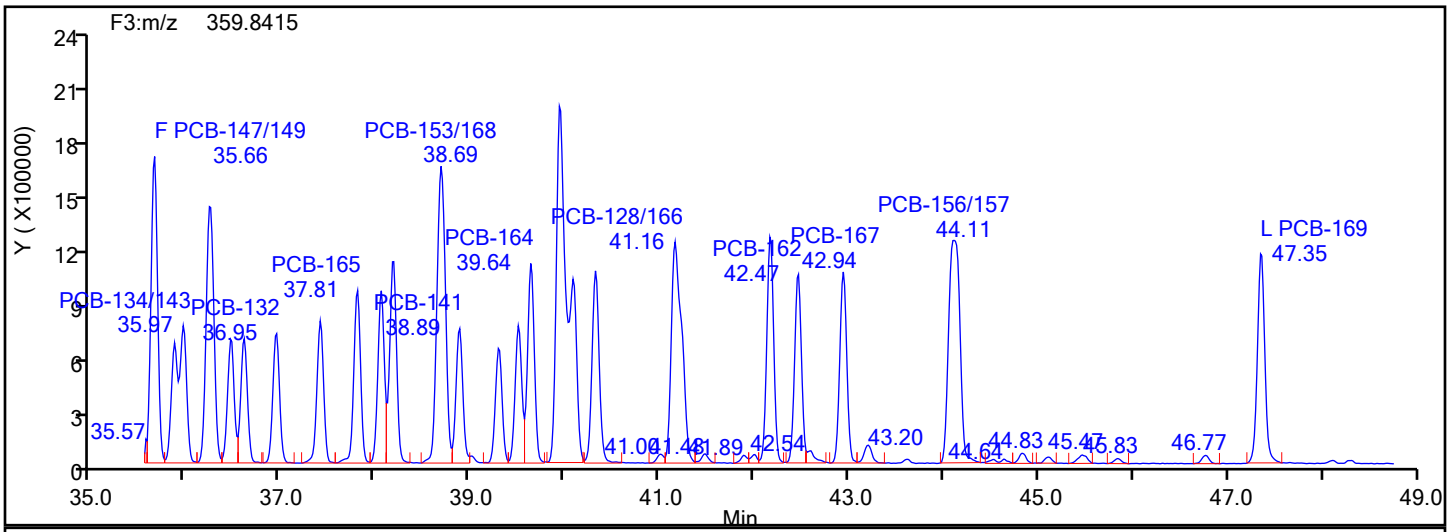
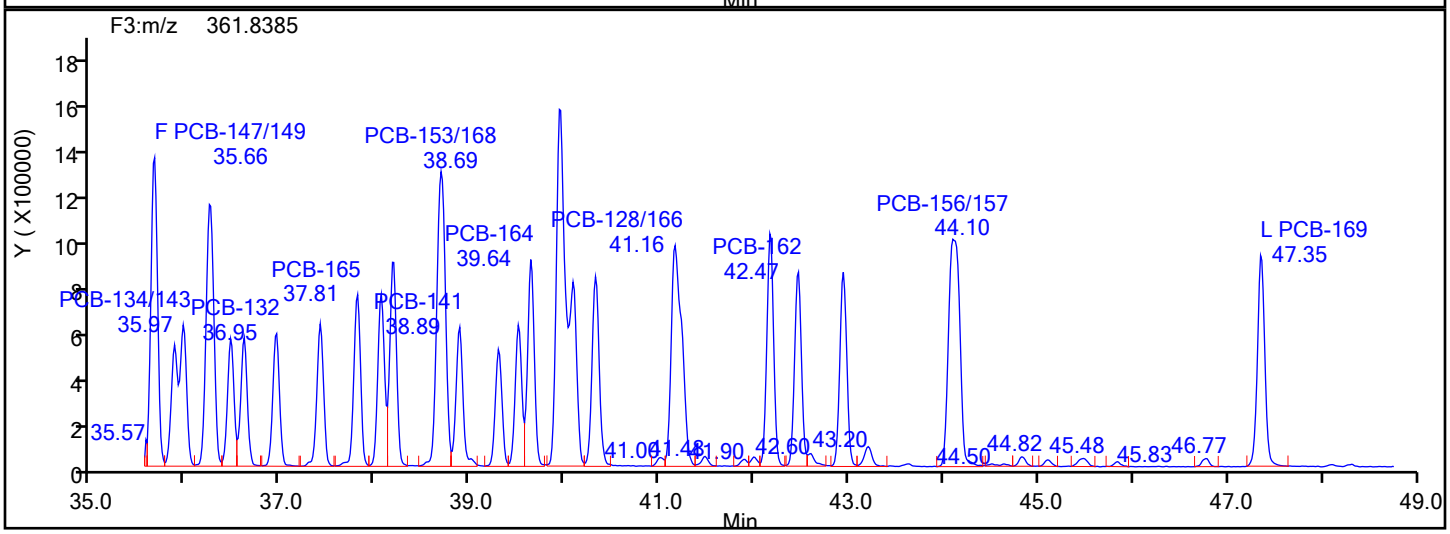
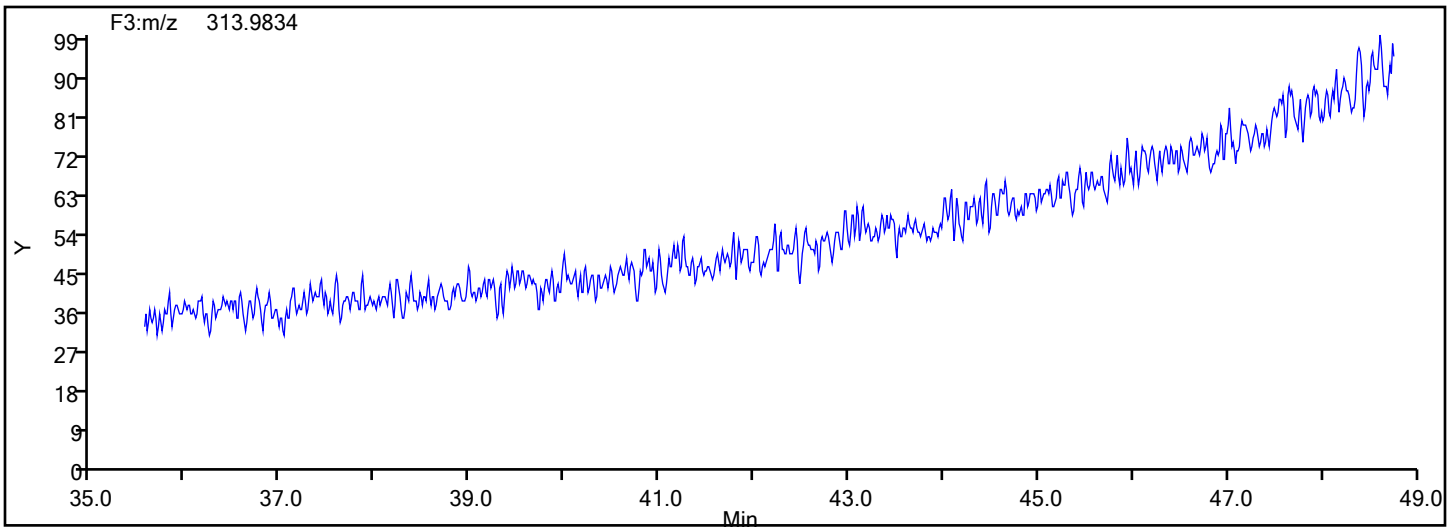
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

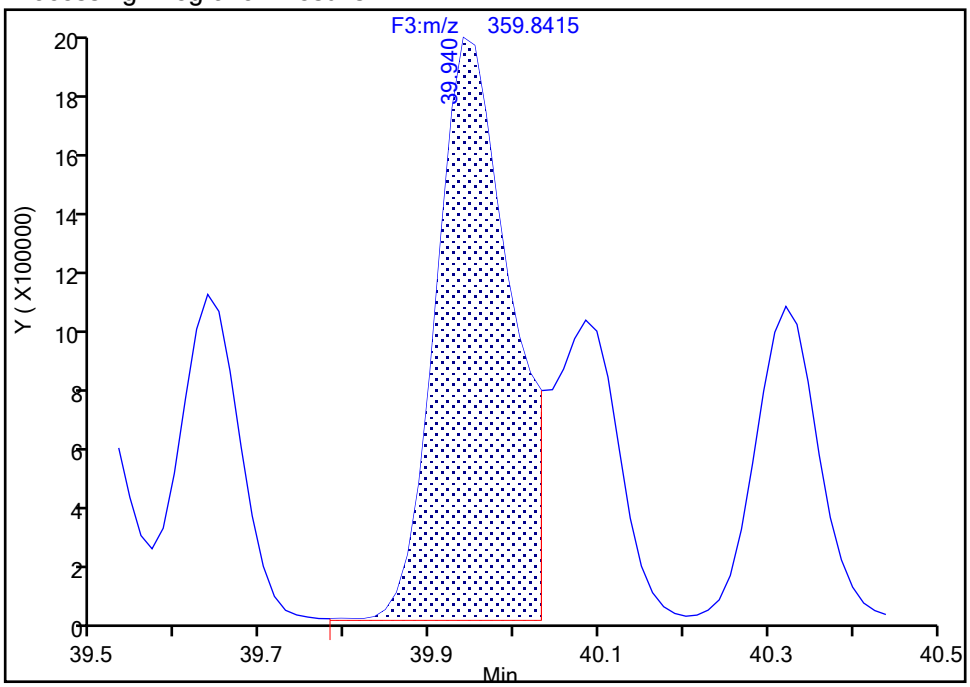
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-129/138/160/163, CAS: STL02296

Signal: 1

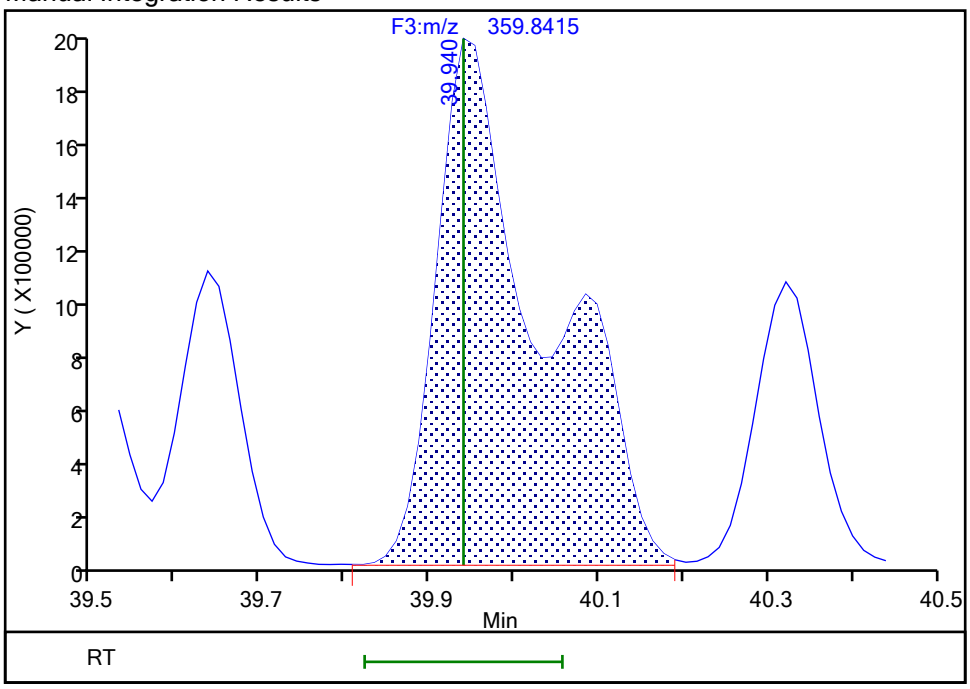
Processing Integration Results

RT: 39.94
Area: 12082920
Amount: 151.2890
Amount Units: pg/ul



Manual Integration Results

RT: 39.94
Area: 17624995
Amount: 197.0391
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:15:00

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

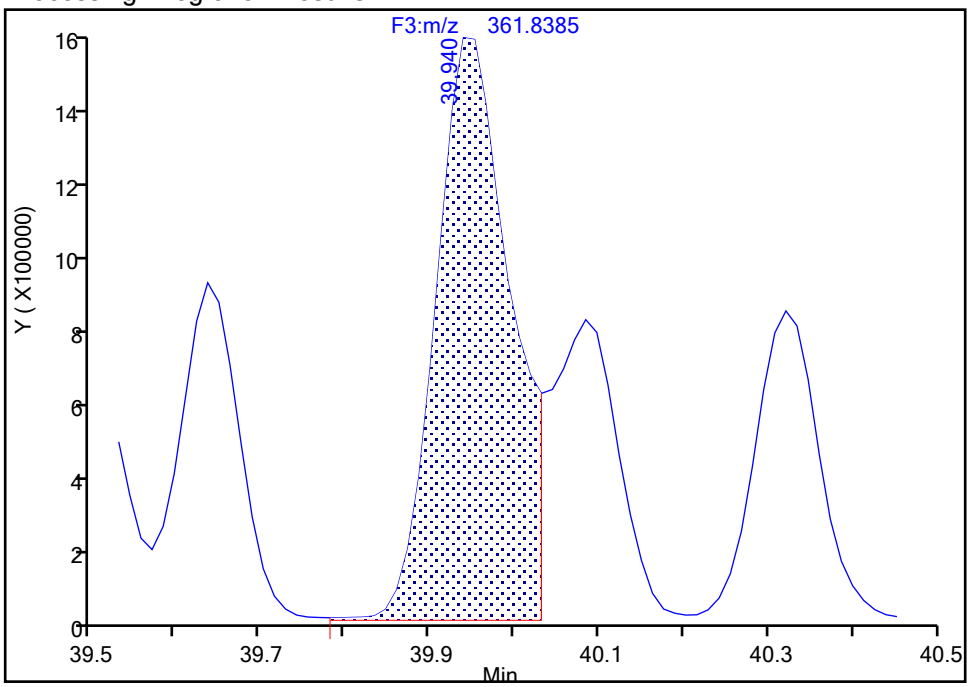
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 2

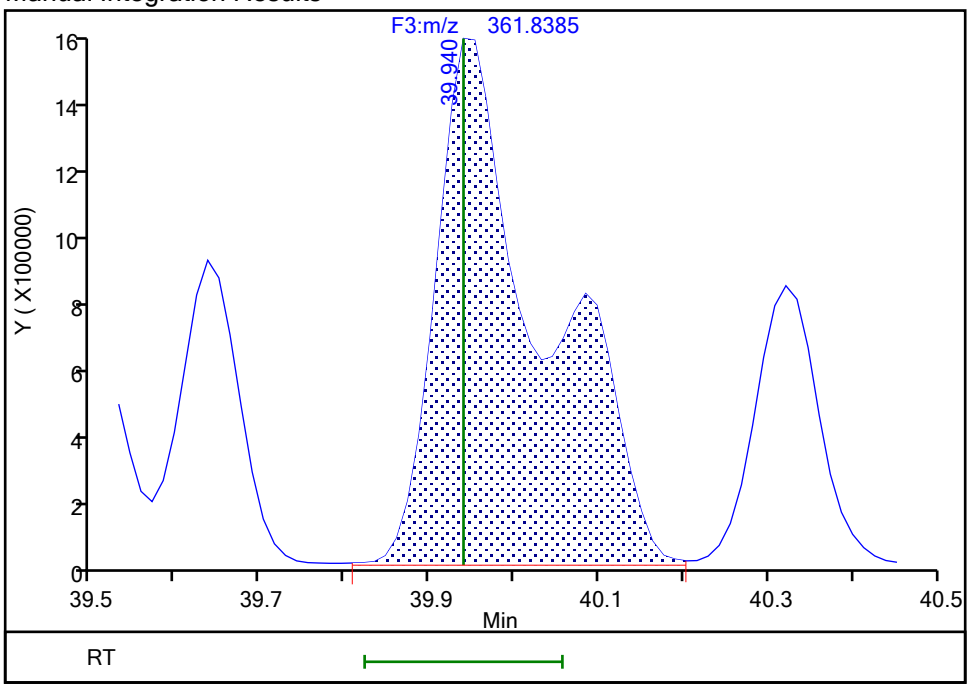
Processing Integration Results

RT: 39.94
Area: 9596800
Amount: 151.2890
Amount Units: pg/ul



Manual Integration Results

RT: 39.94
Area: 13983338
Amount: 197.0391
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:15:10
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

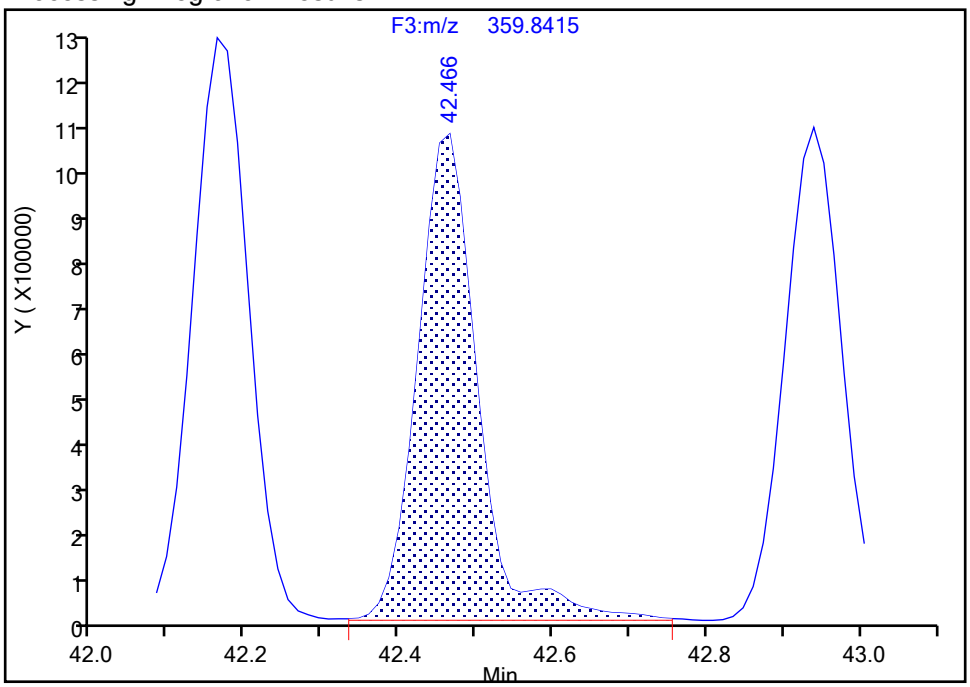
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-162, CAS: 39635-34-2

Signal: 1

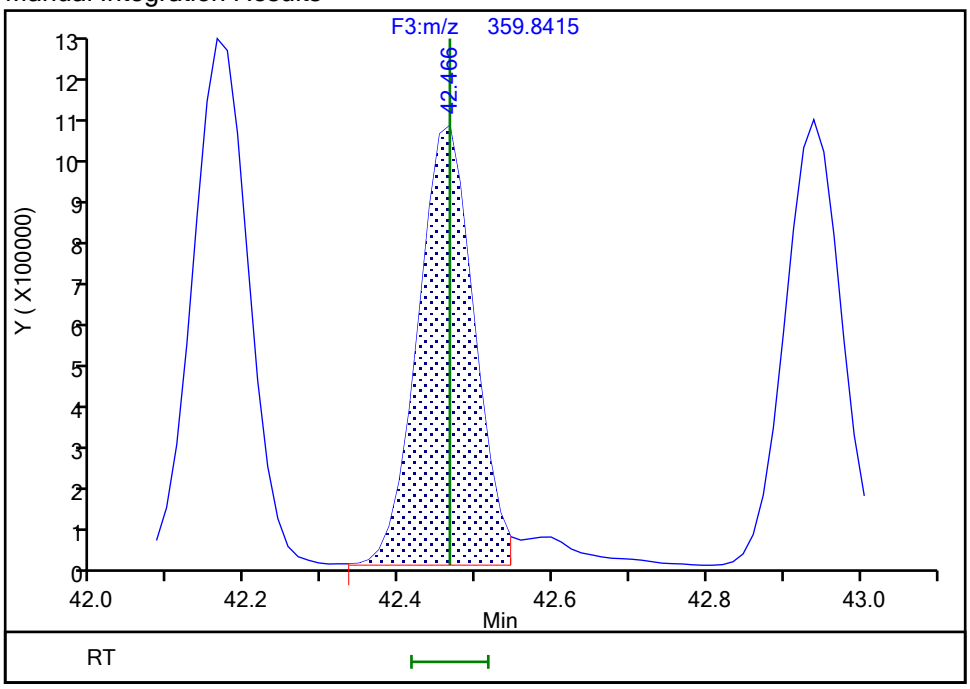
Processing Integration Results

RT: 42.47
Area: 5742592
Amount: 52.579485
Amount Units: pg/ul



Manual Integration Results

RT: 42.47
Area: 5323018
Amount: 48.771755
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:15:18

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

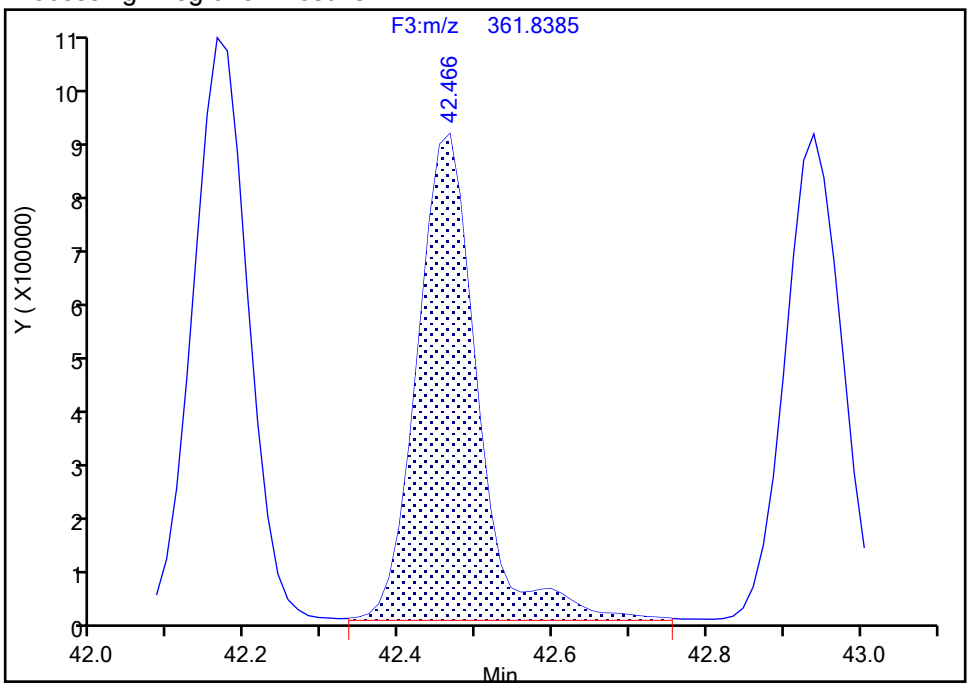
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-162, CAS: 39635-34-2

Signal: 2

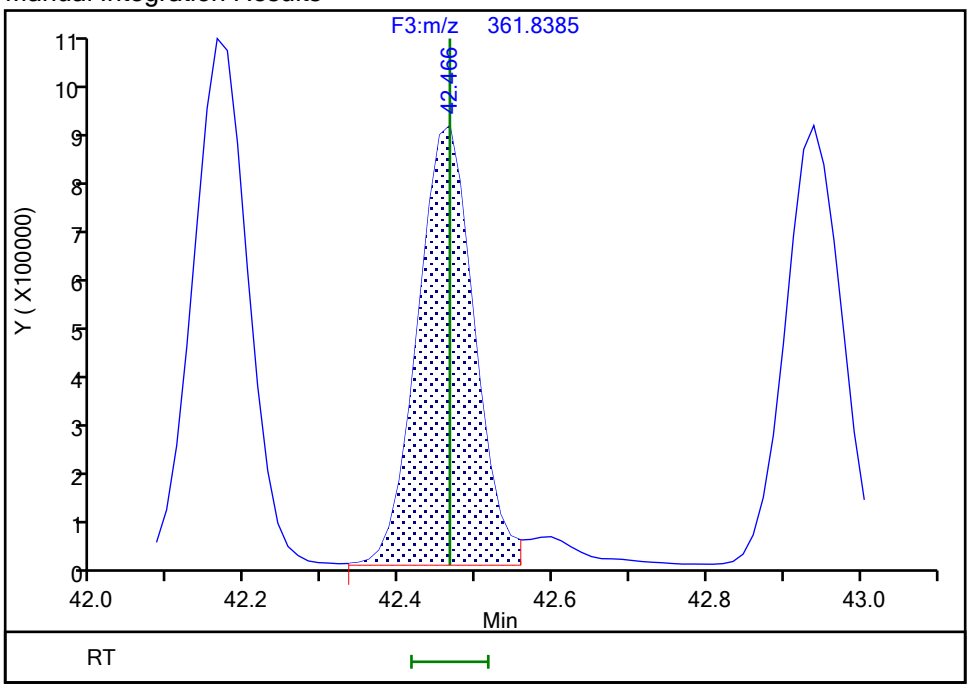
Processing Integration Results

RT: 42.47
Area: 4664836
Amount: 52.579485
Amount Units: pg/ul



Manual Integration Results

RT: 42.47
Area: 4370010
Amount: 48.771755
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:15:21

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

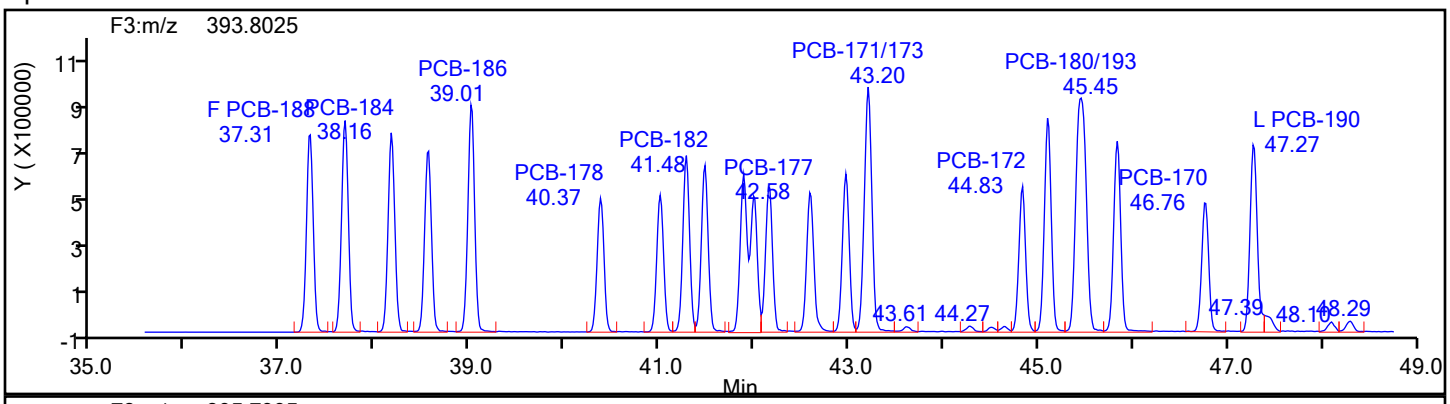
Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

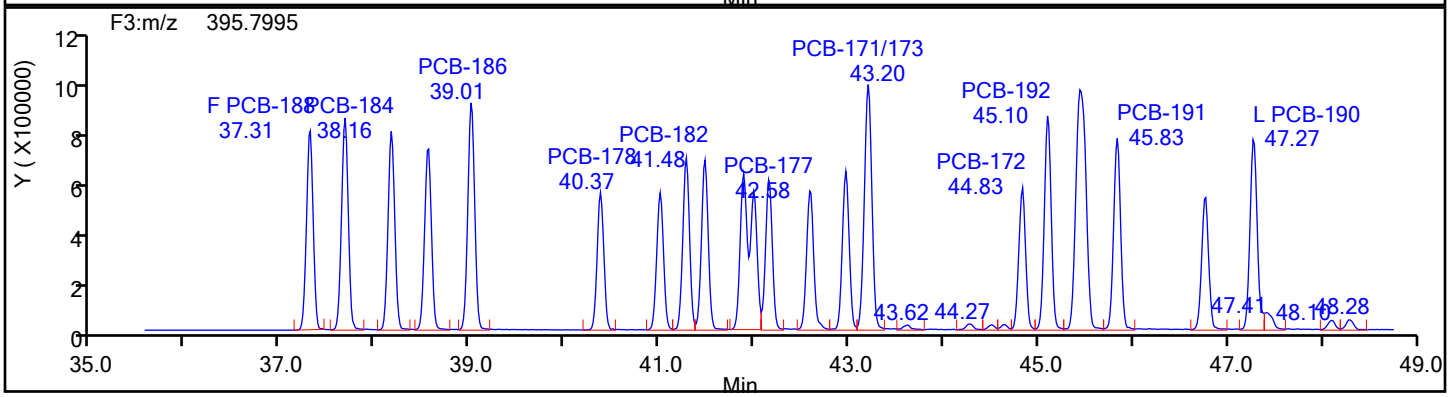
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

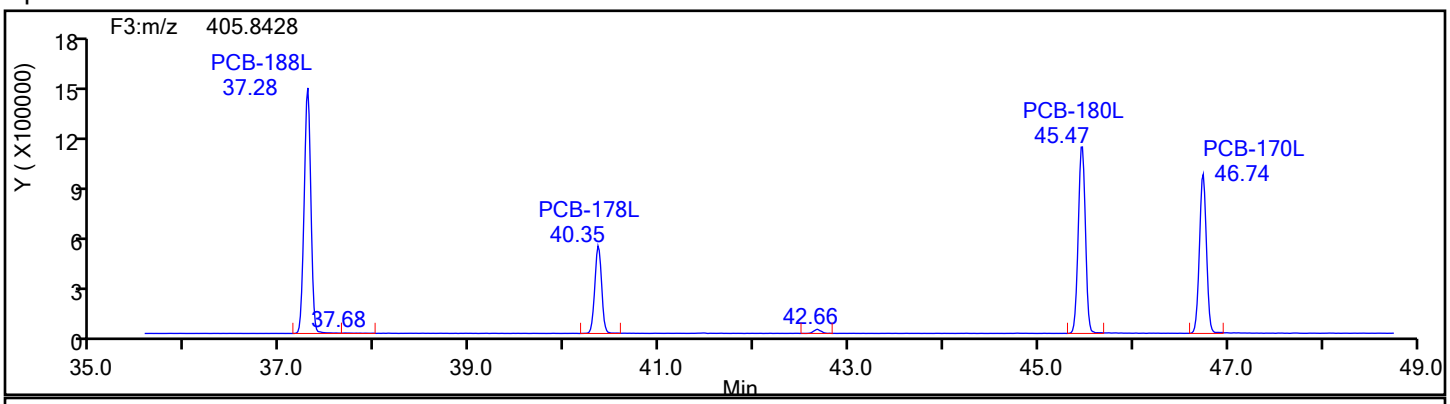
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

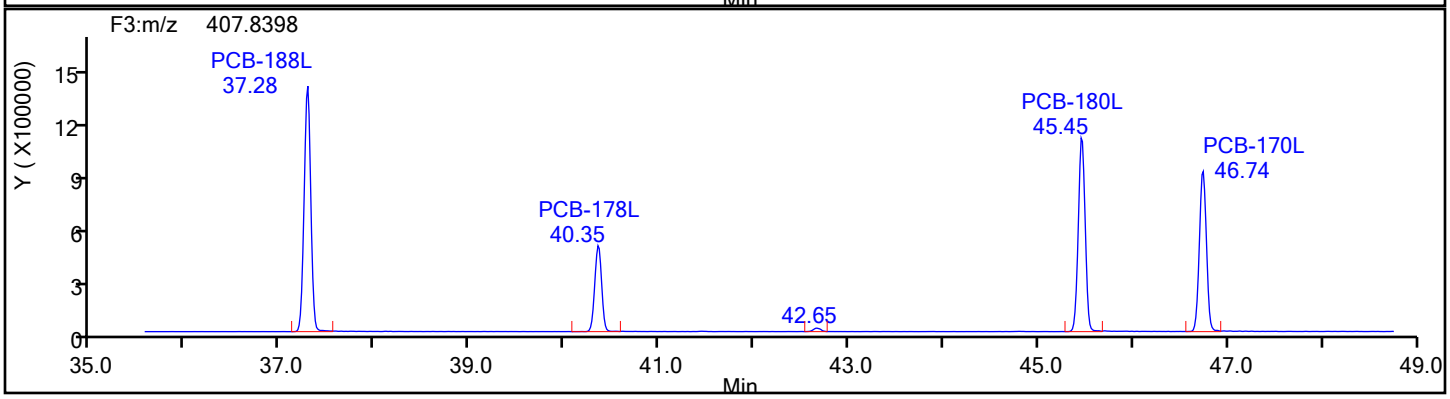
HpPCB F3





HpPCB F3 Standards



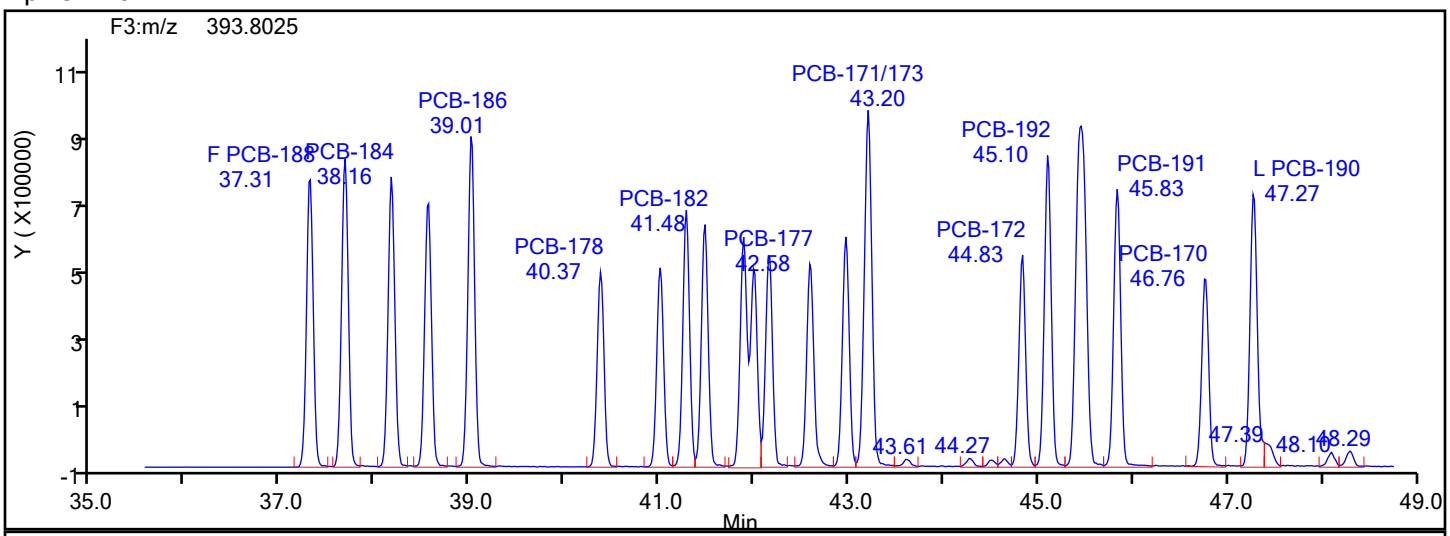


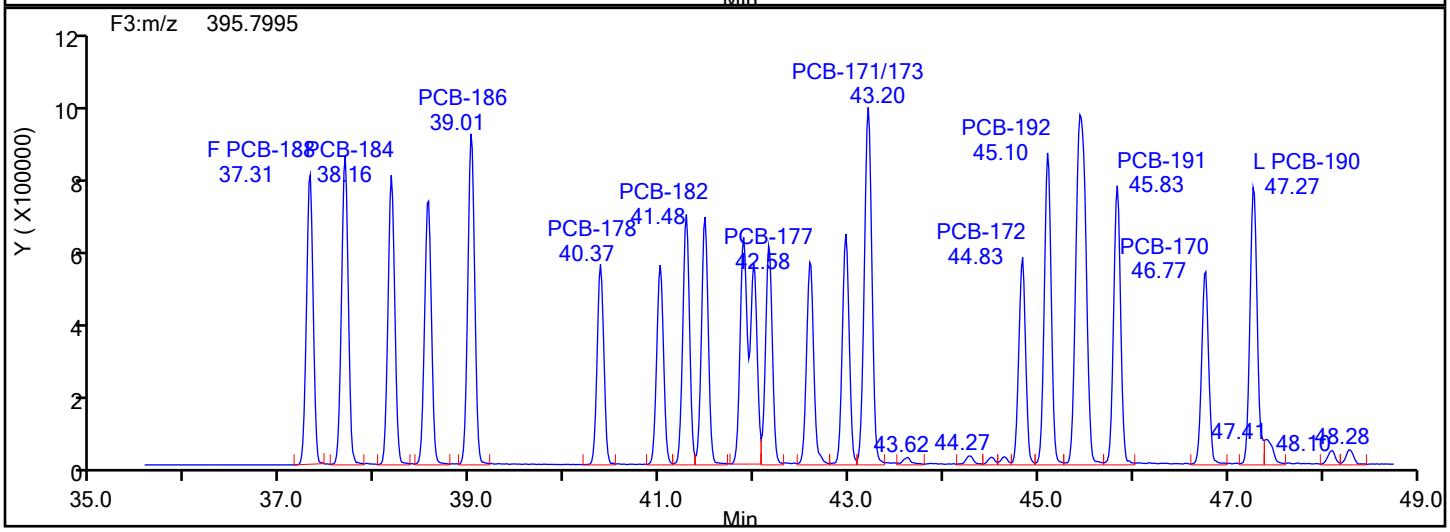
Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

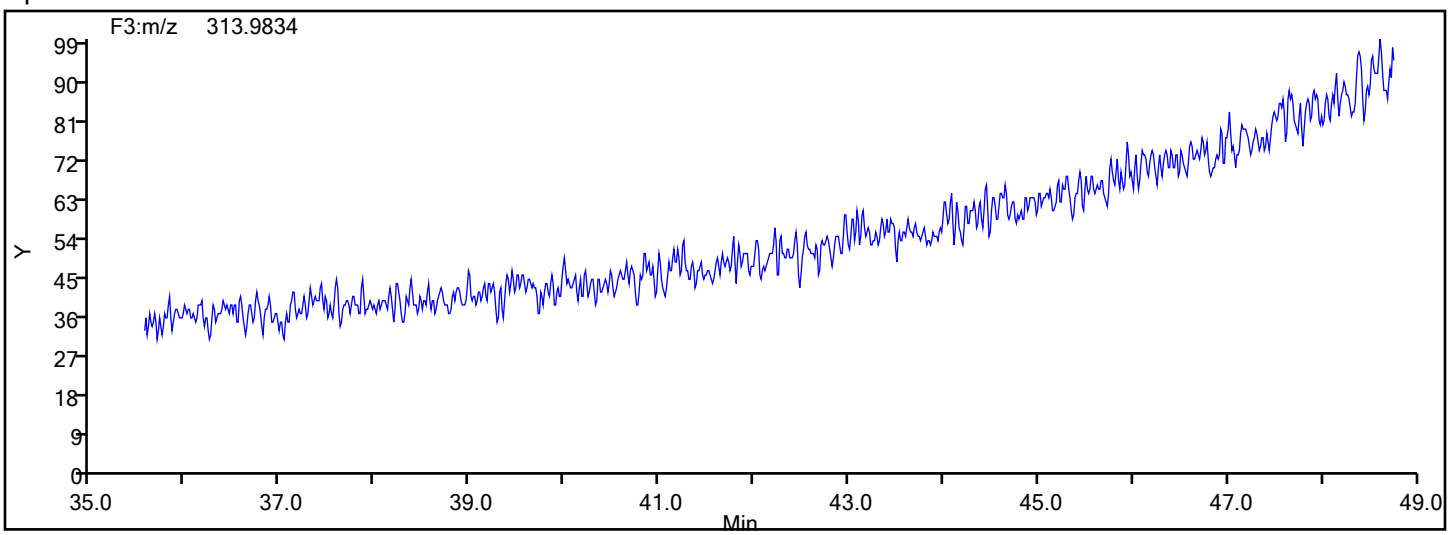
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

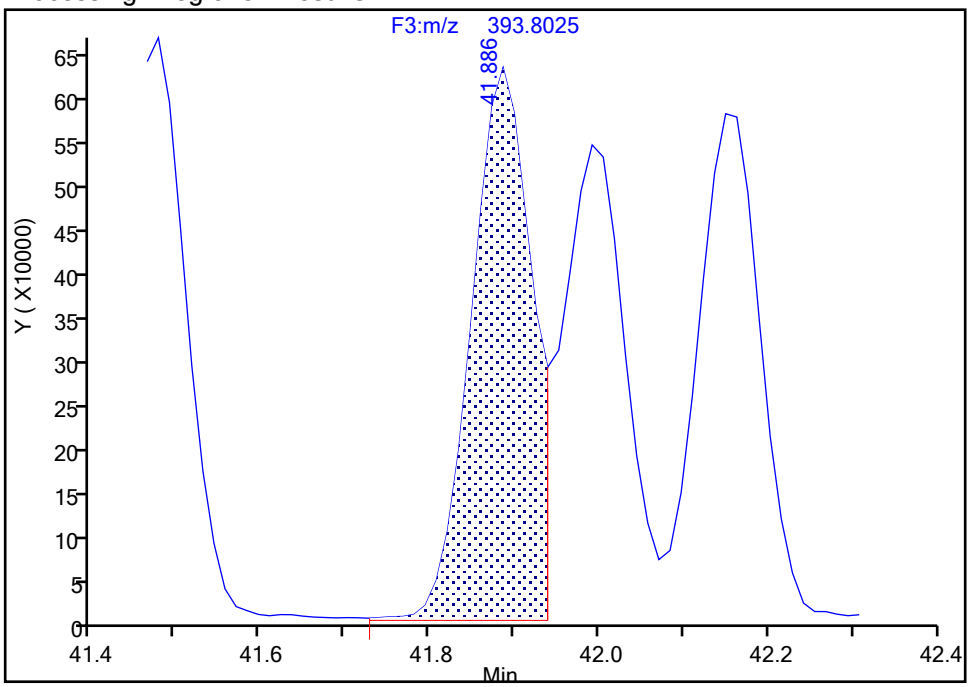
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d				
Injection Date:	08-Oct-2021 14:53:00	Instrument ID:	D2D		
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

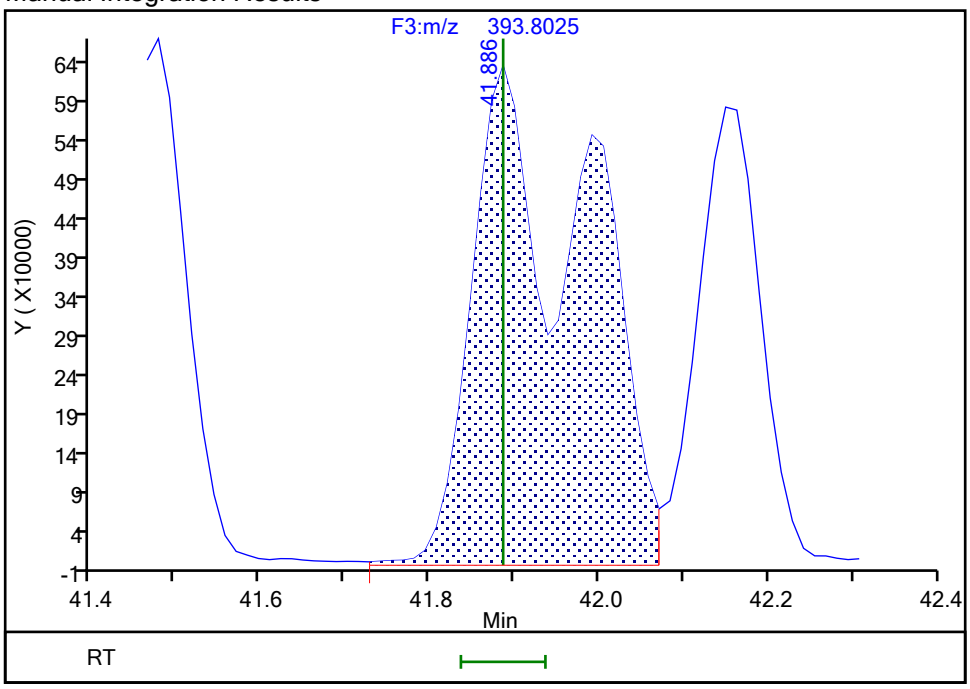
Processing Integration Results

RT: 41.89
Area: 3108447
Amount: 58.377596
Amount Units: pg/ul



Manual Integration Results

RT: 41.89
Area: 5902996
Amount: 97.764587
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:15:49

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

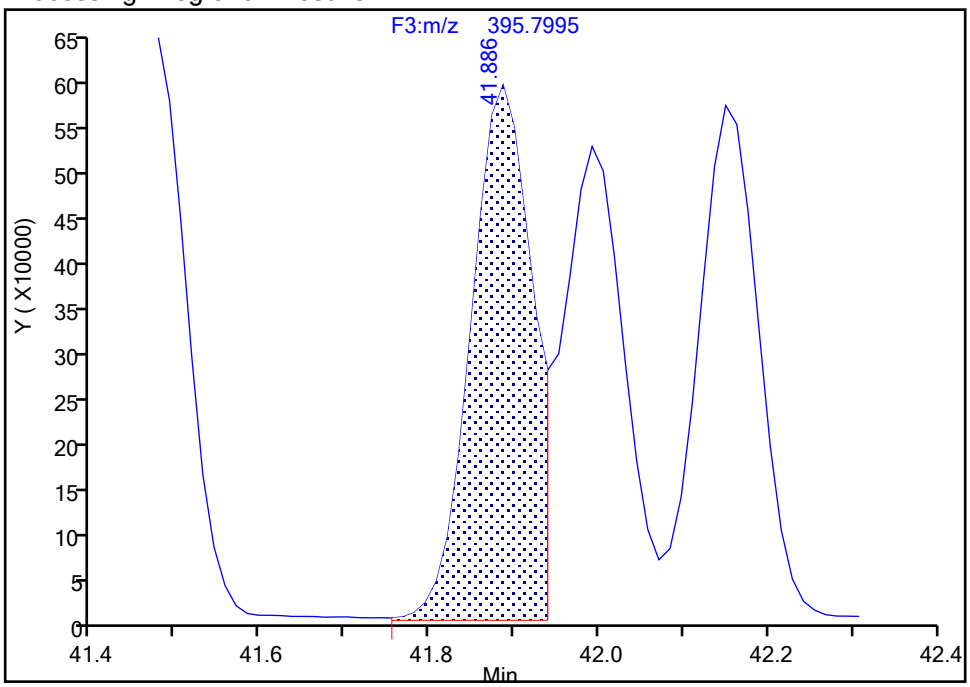
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d
Injection Date: 08-Oct-2021 14:53:00 Instrument ID: D2D
Lims ID: IC L4
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

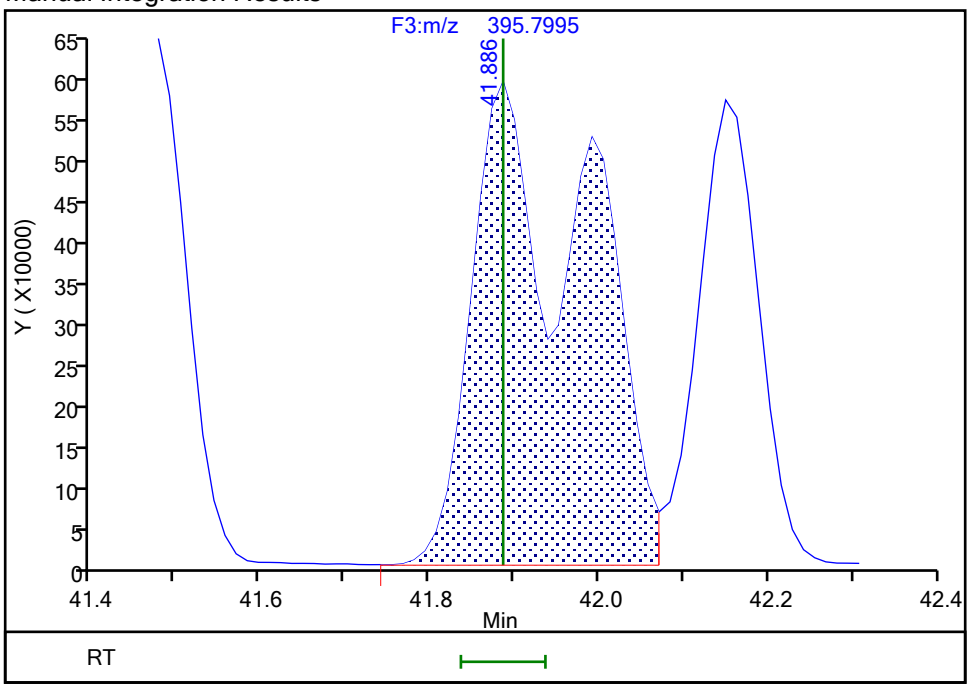
Processing Integration Results

RT: 41.89
Area: 2956189
Amount: 58.377596
Amount Units: pg/ul



Manual Integration Results

RT: 41.89
Area: 5538276
Amount: 97.764587
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:15:57
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

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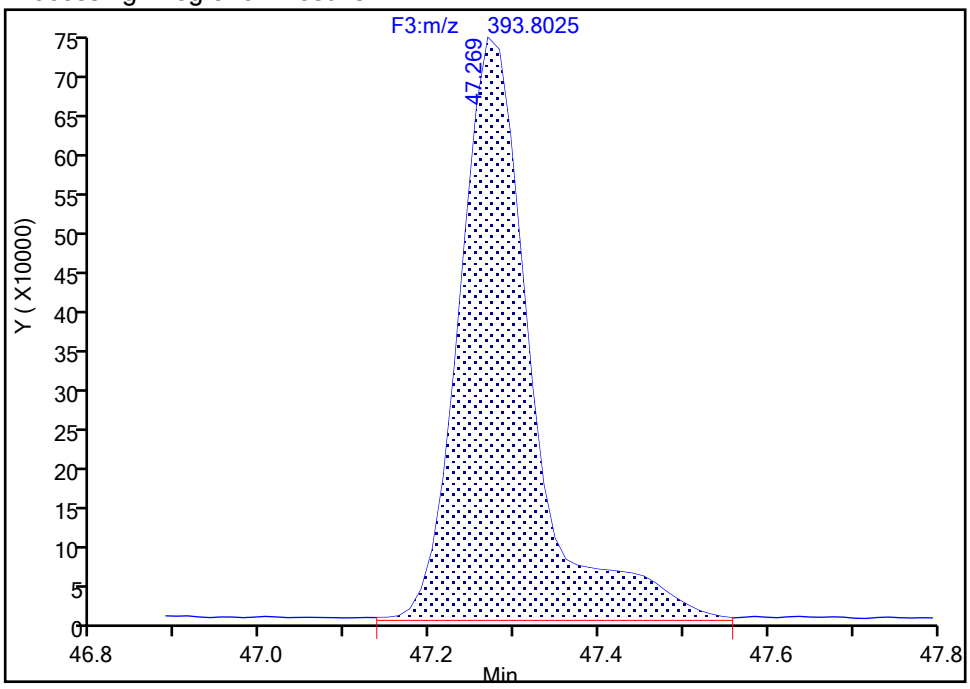
Lims ID:	IC L4				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-190, CAS: 41411-64-7

Signal: 1

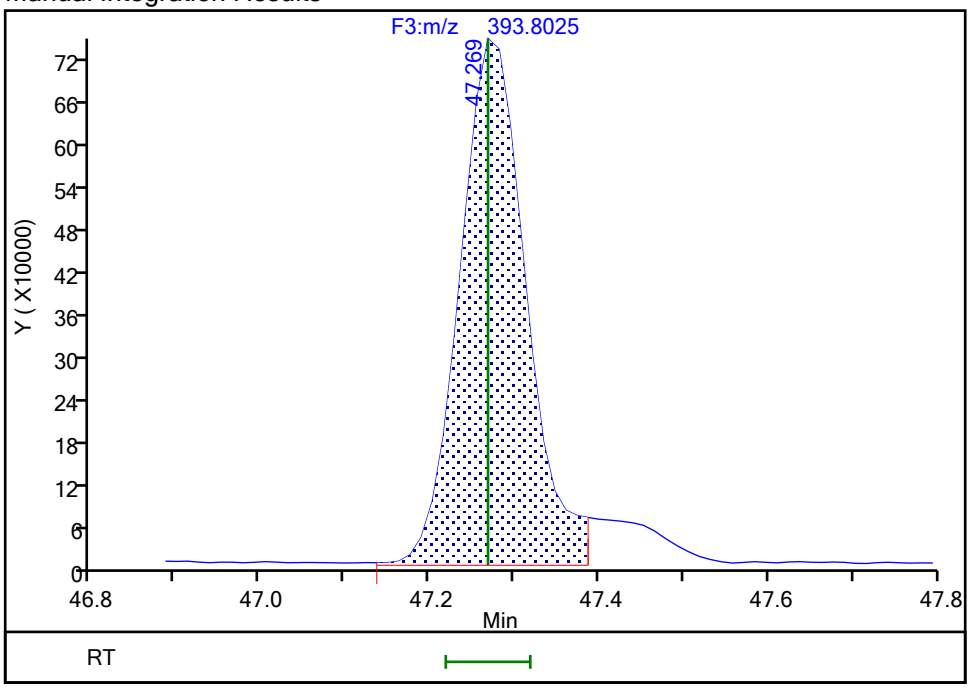
Processing Integration Results

RT: 47.27
Area: 4485124
Amount: 53.517381
Amount Units: pg/ul



Manual Integration Results

RT: 47.27
Area: 4087484
Amount: 51.184399
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 16:16:15
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

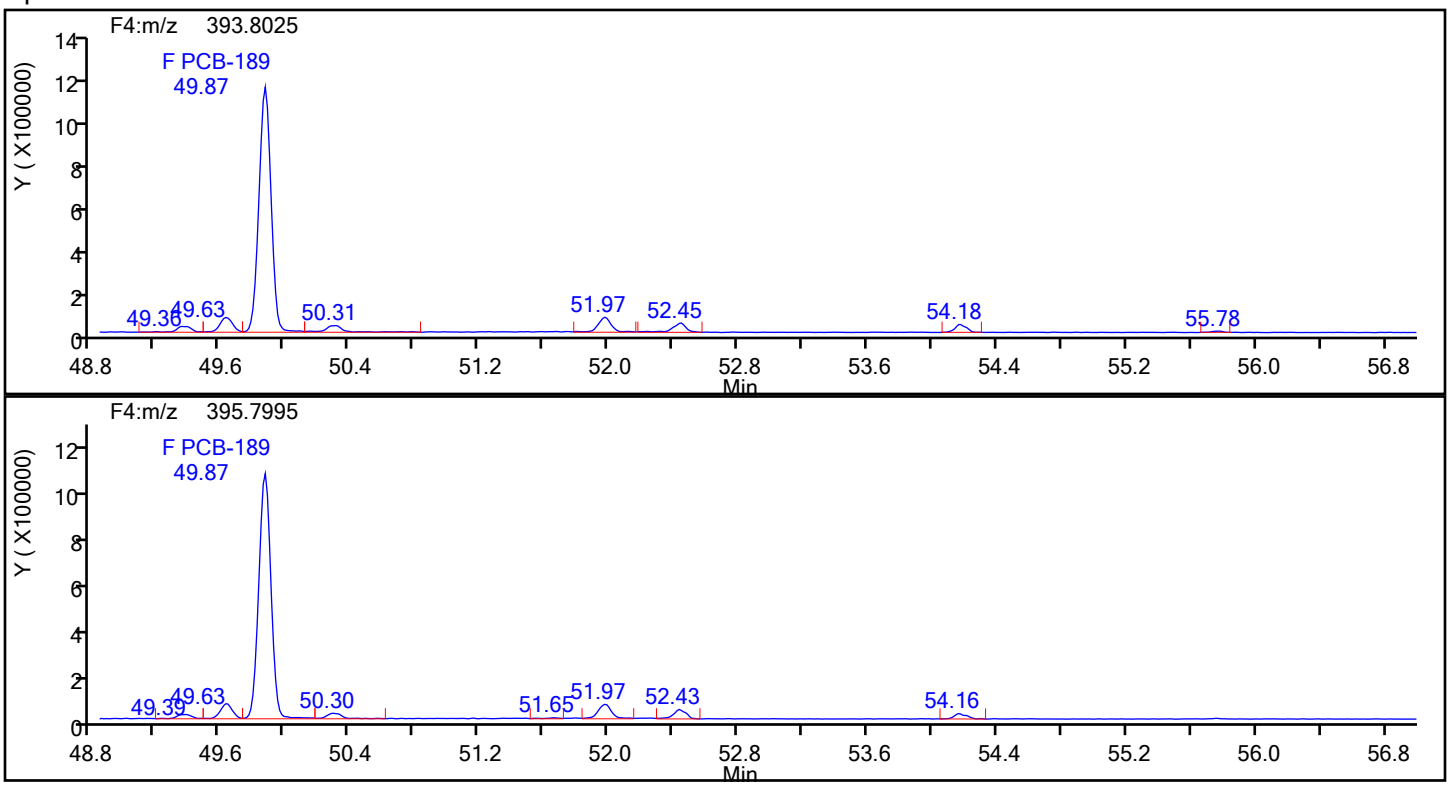
Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

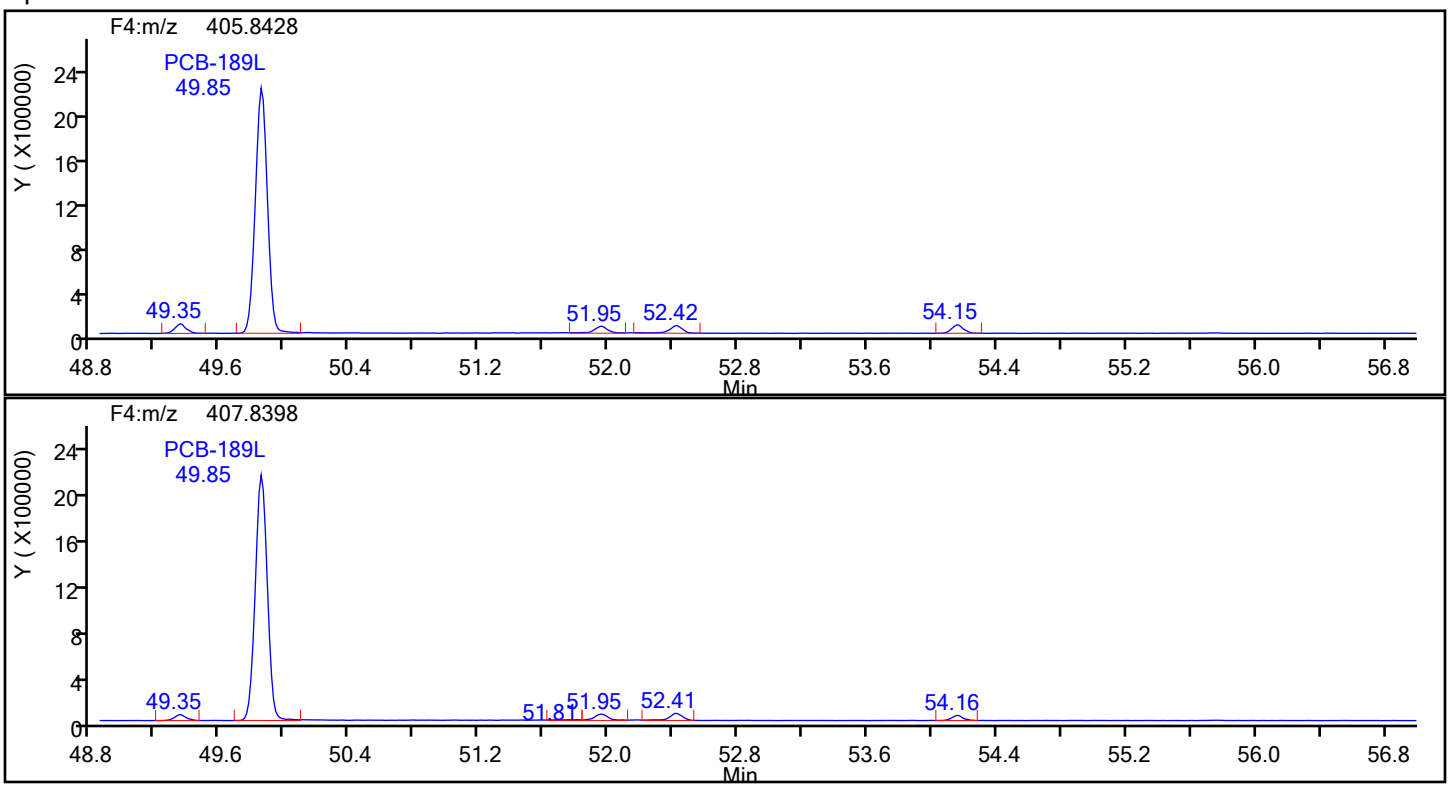
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

HpPCB F4



HpPCB F4 Standards

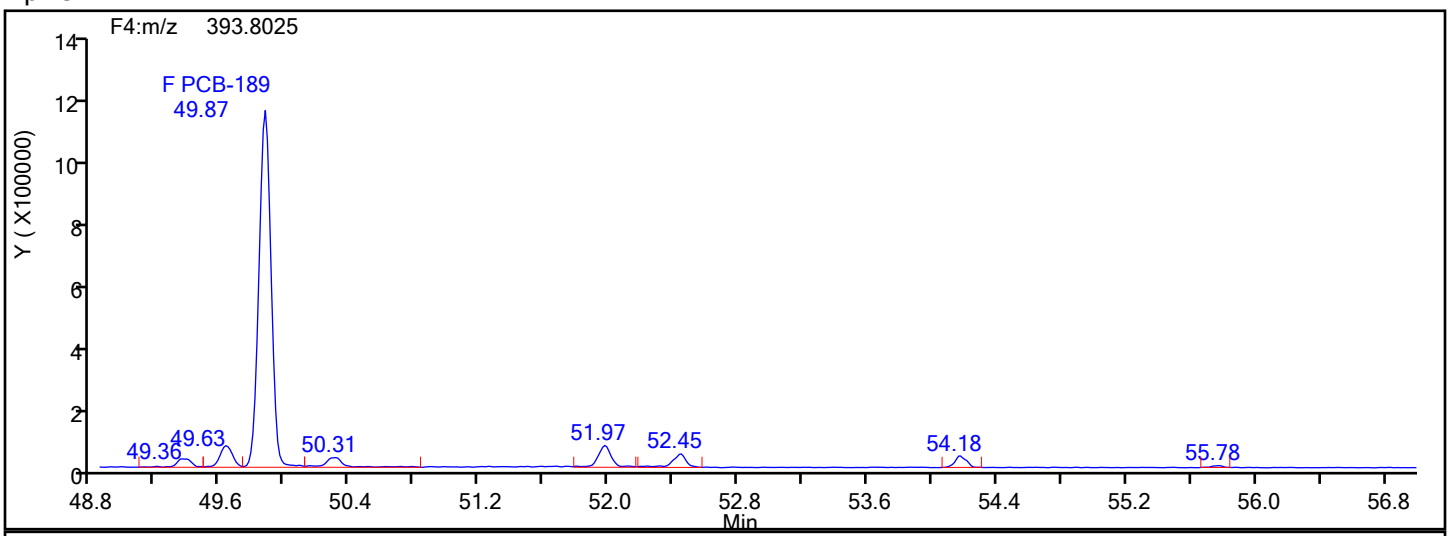


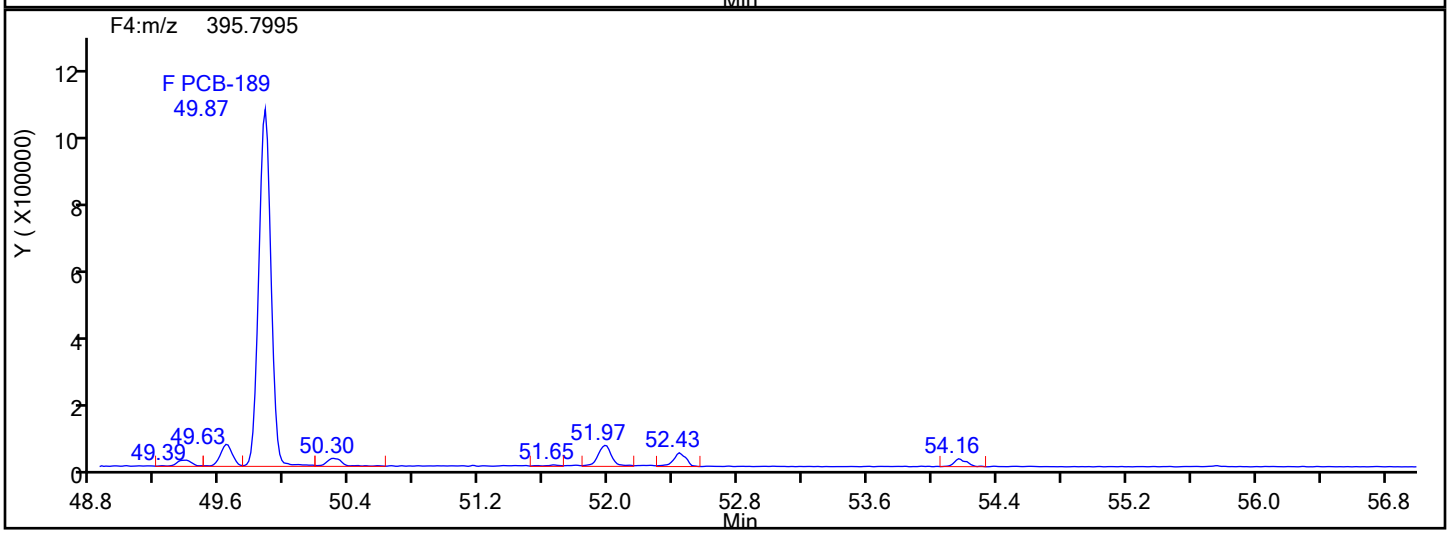
Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

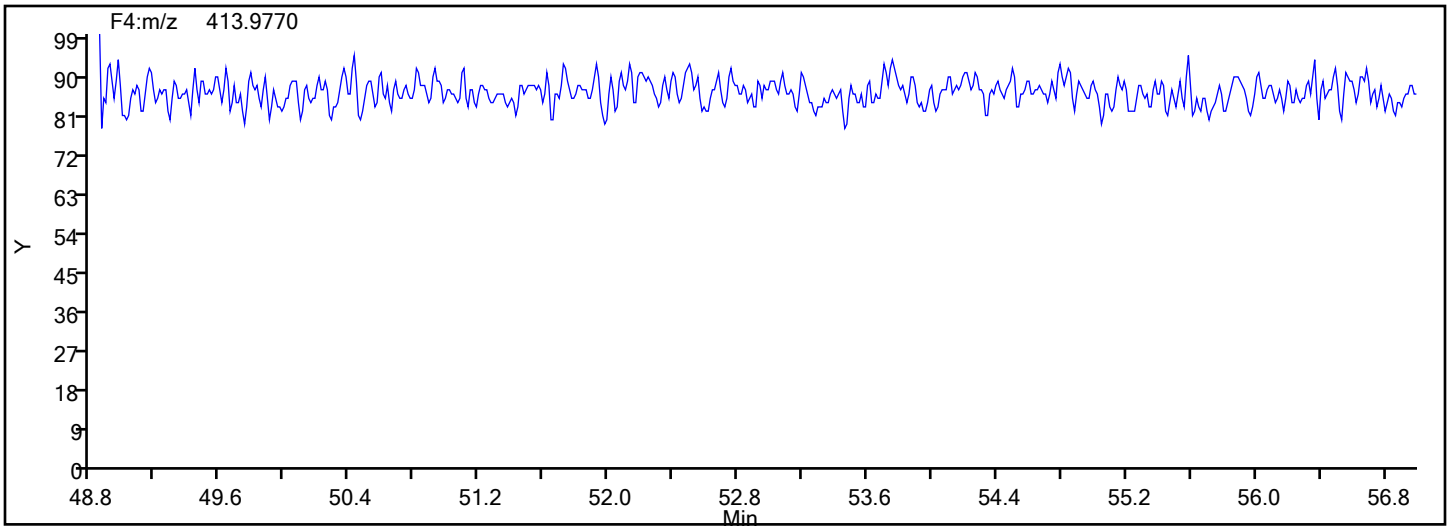
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



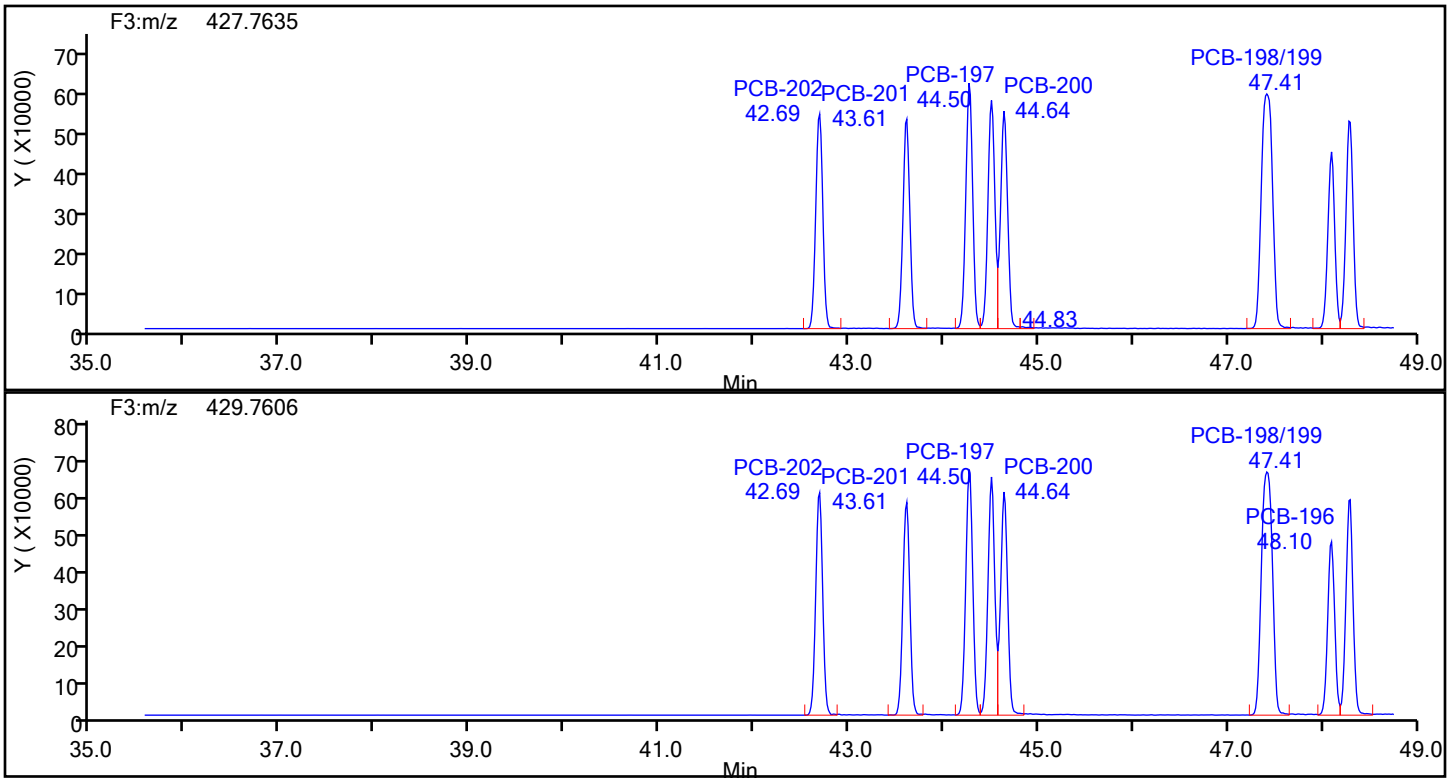
Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

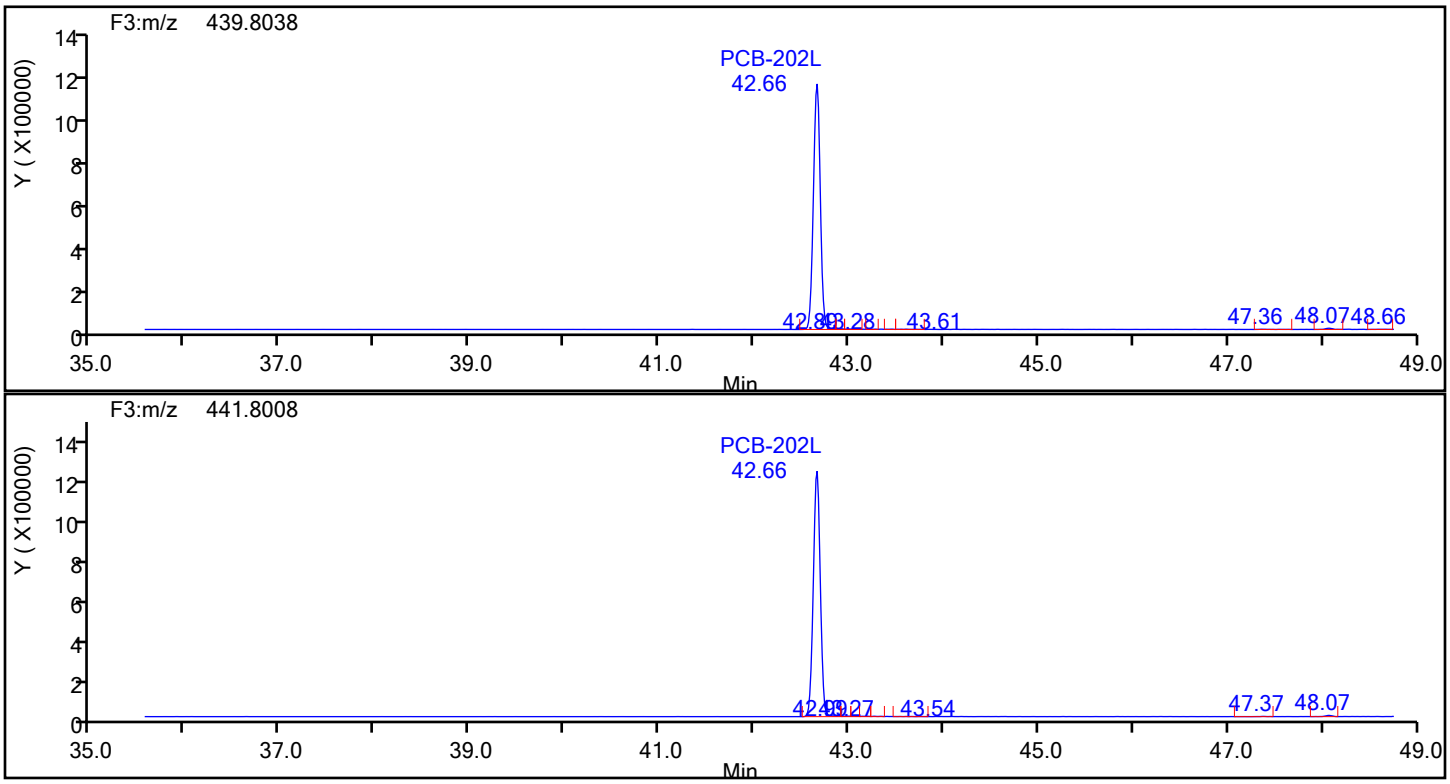
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

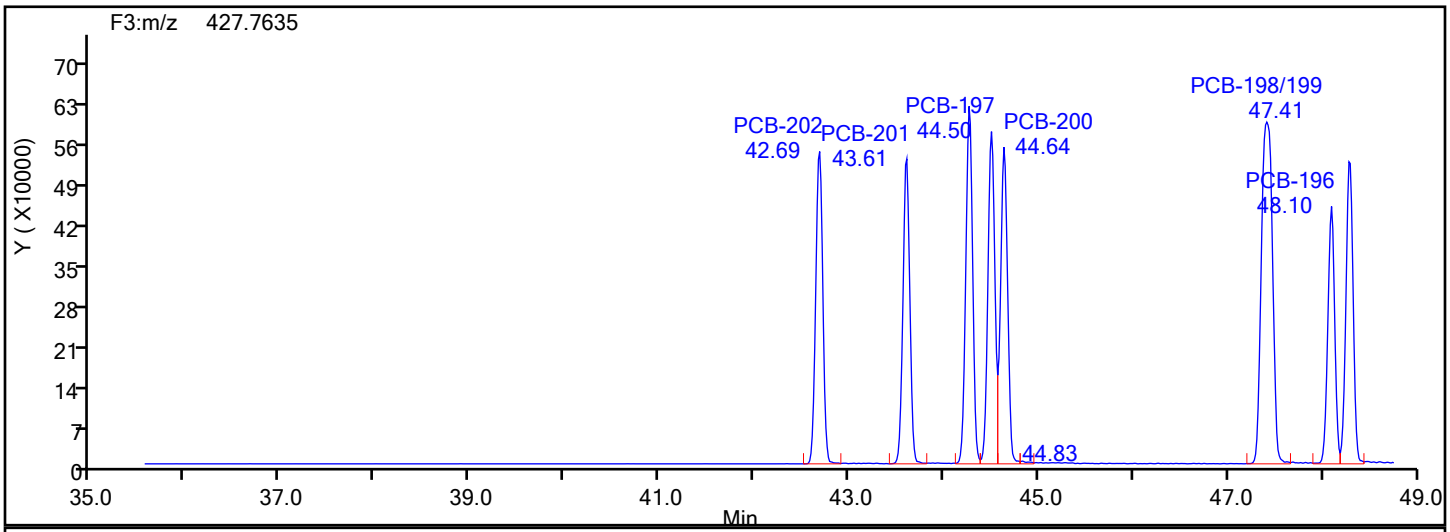


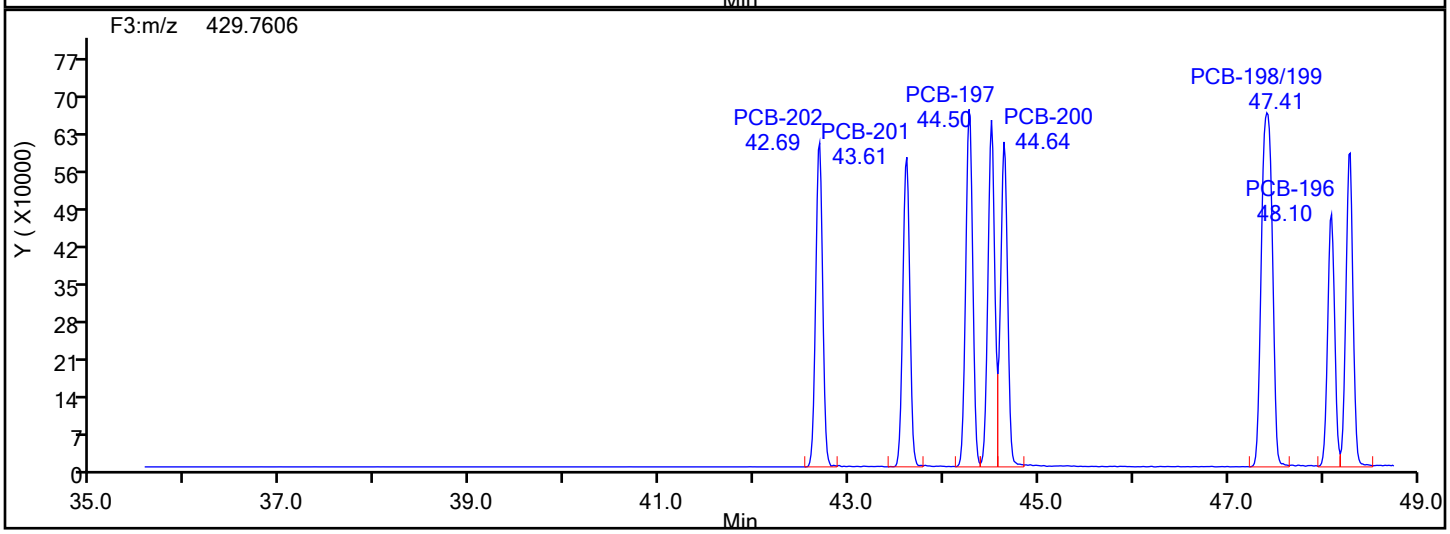
Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

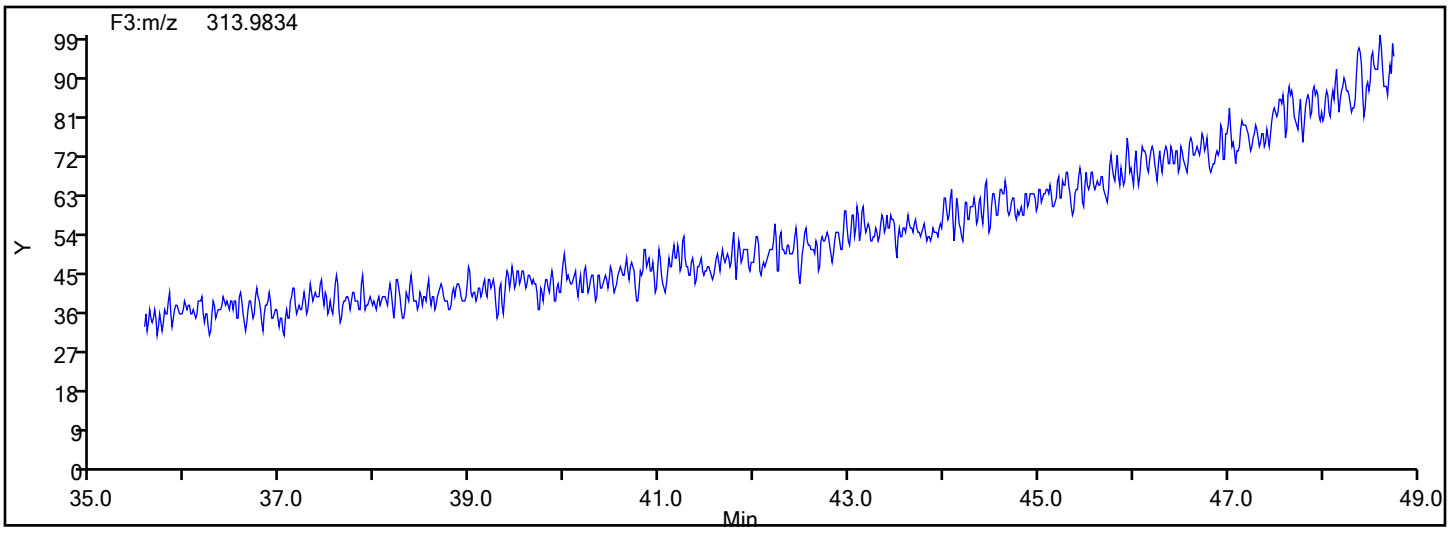
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



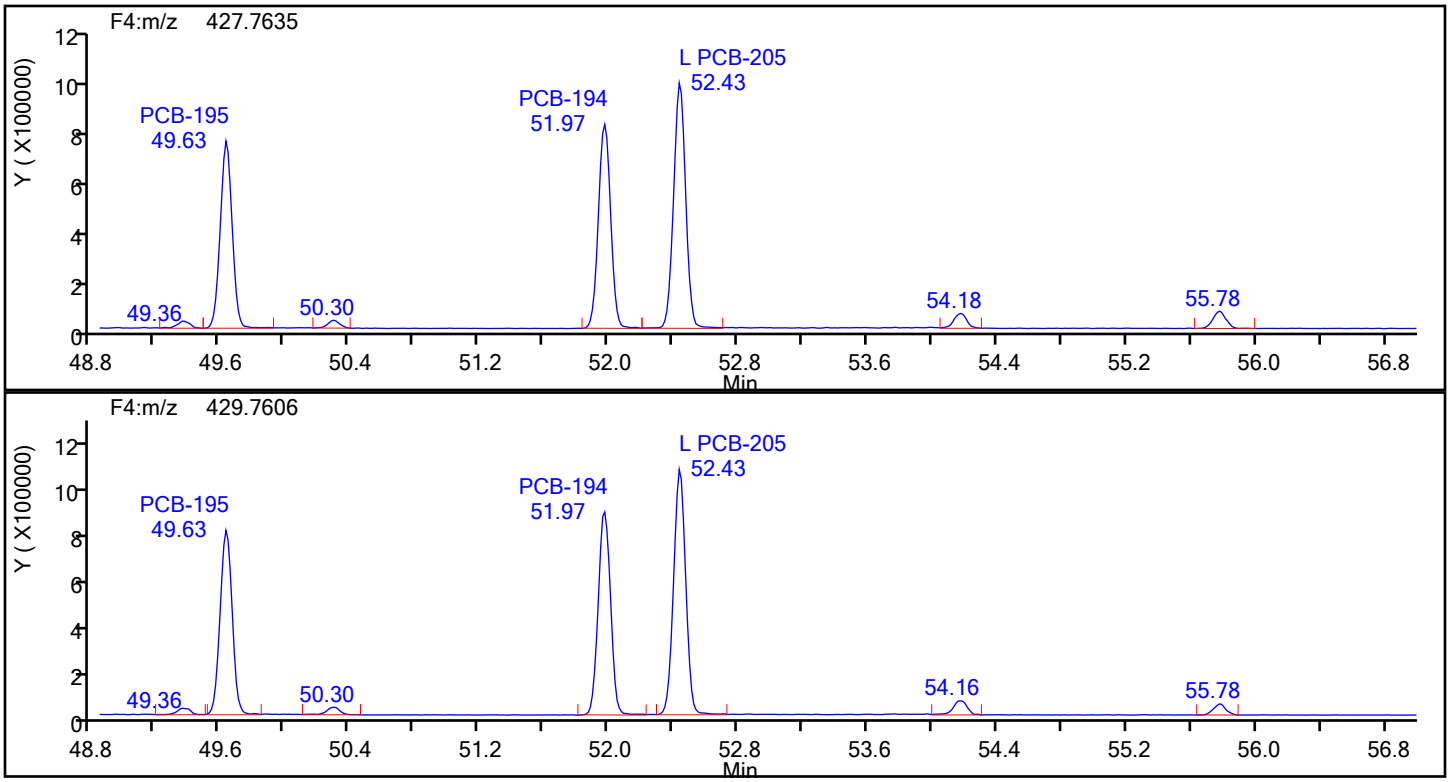
Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

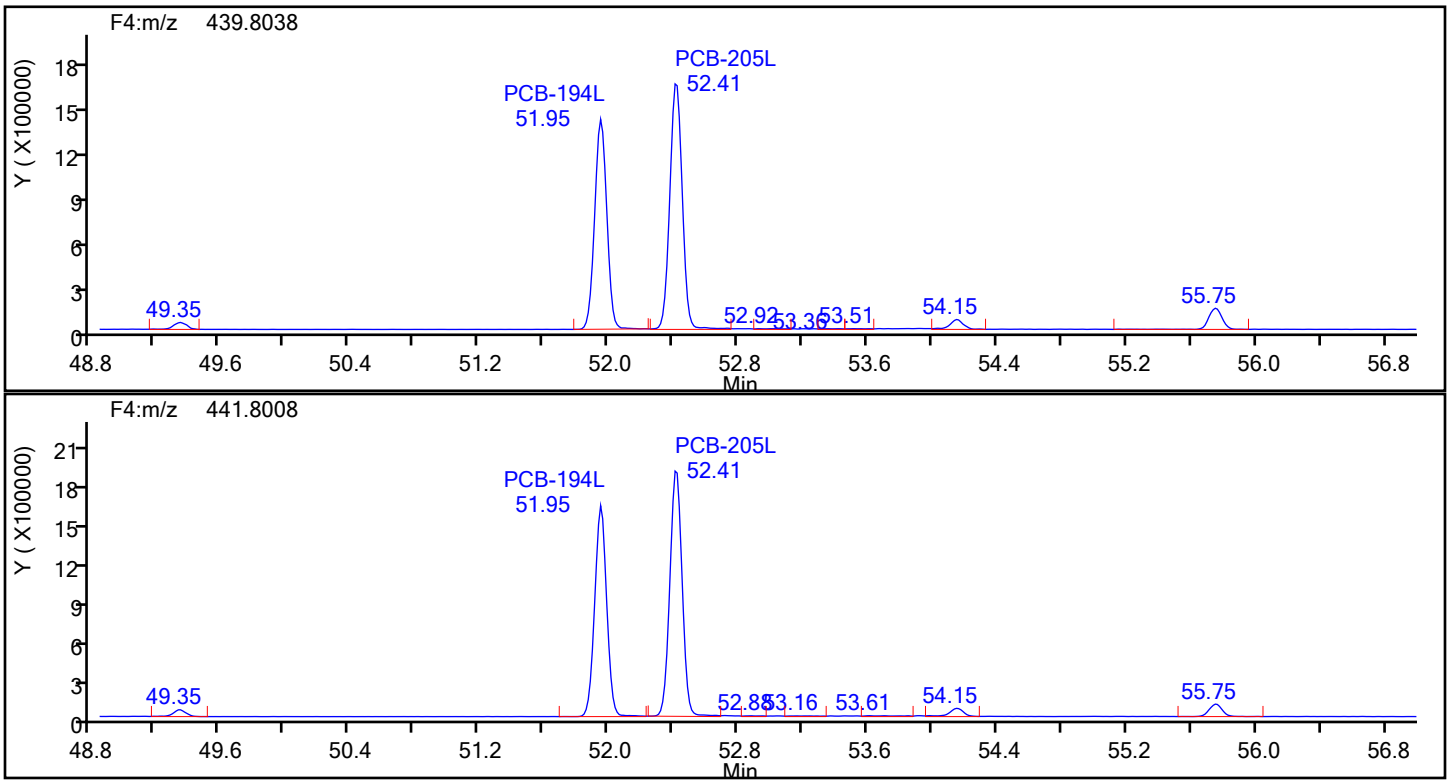
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

OcPCB F4



OcPCB F4 Standards

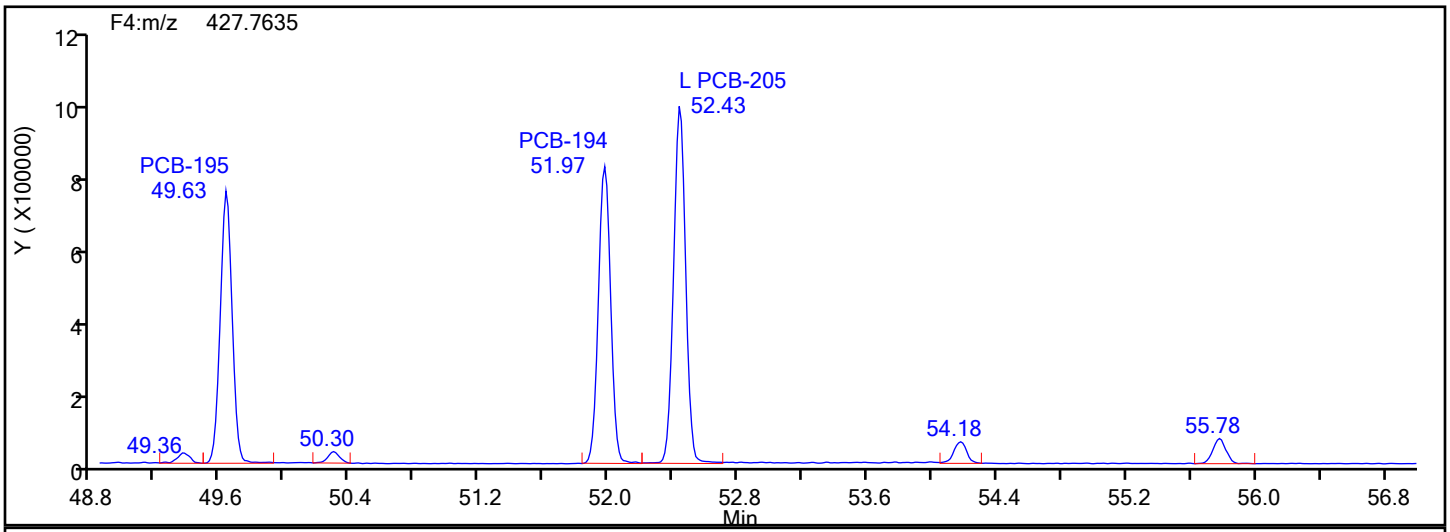


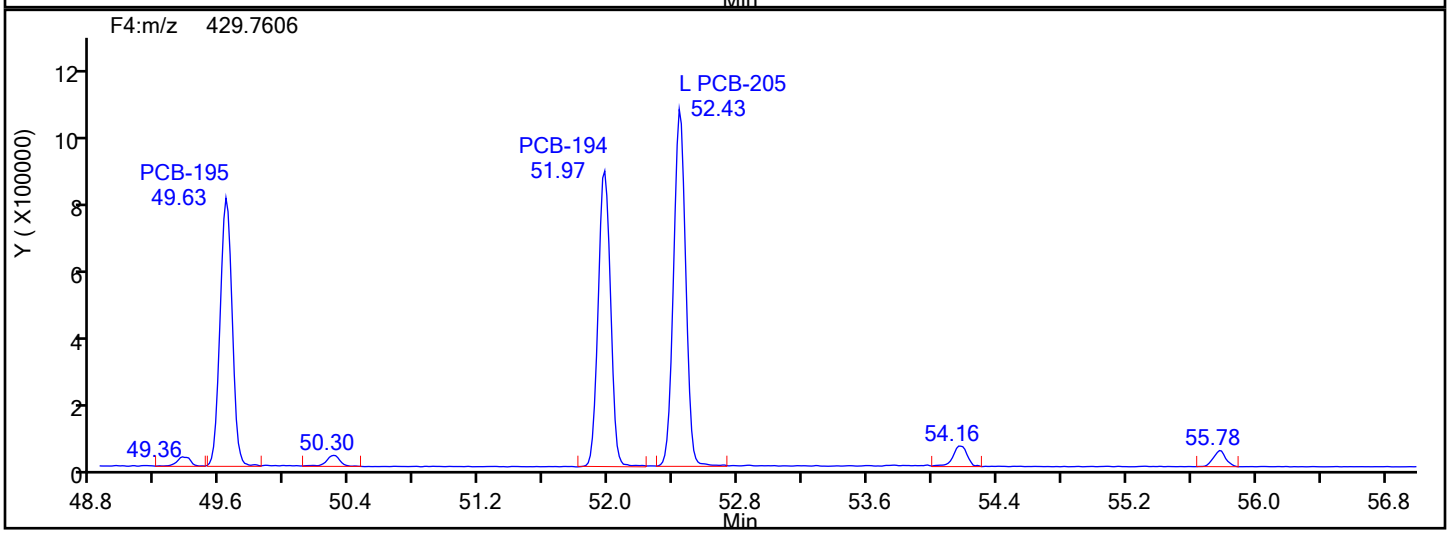
Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

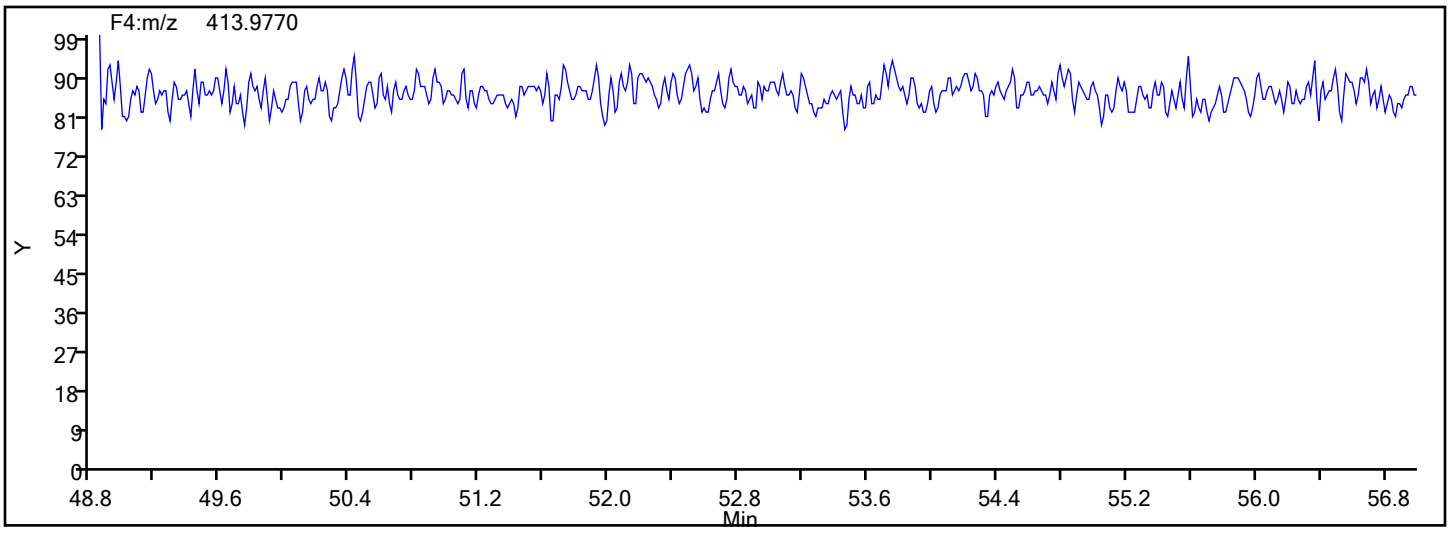
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Report Date: 08-Oct-2021 19:11:10 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date: 08-Oct-2021 14:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

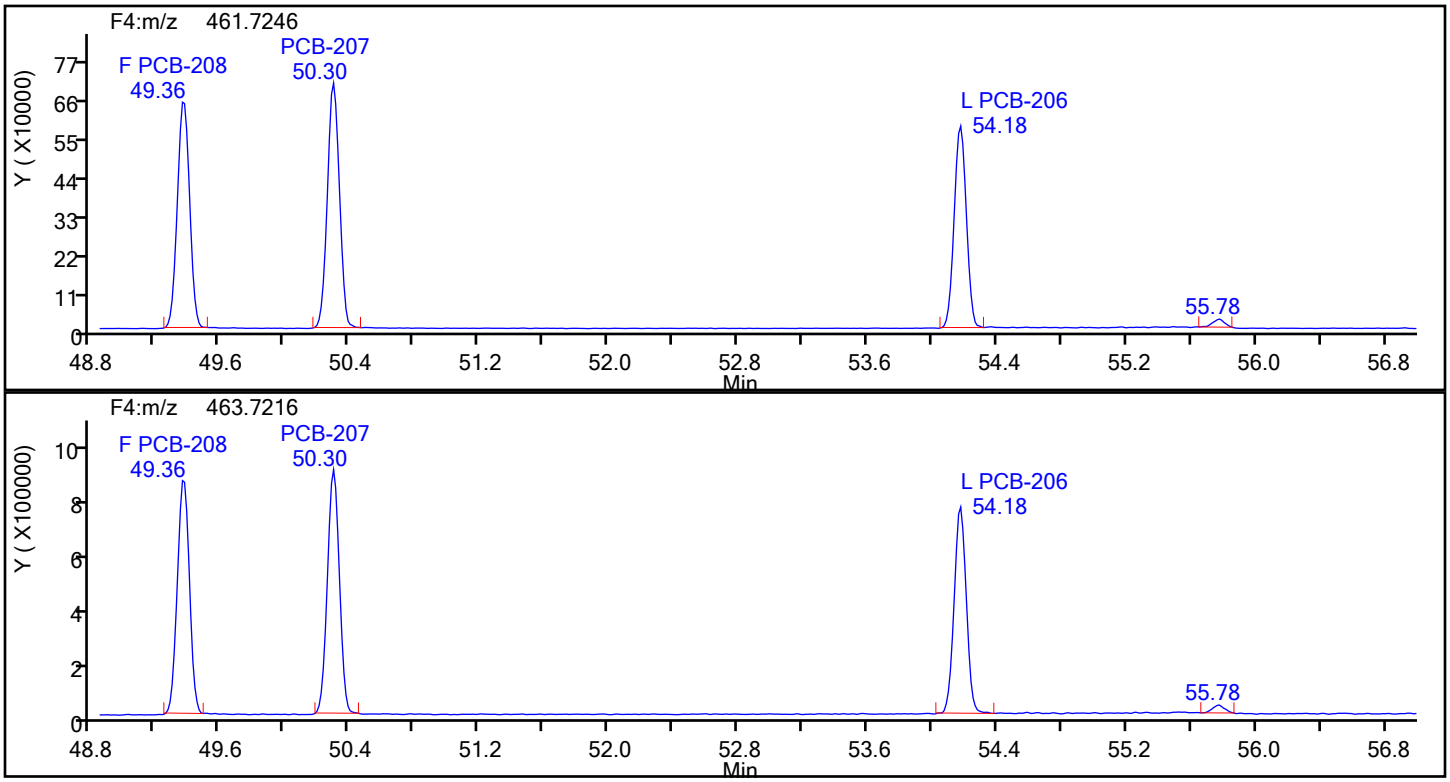
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

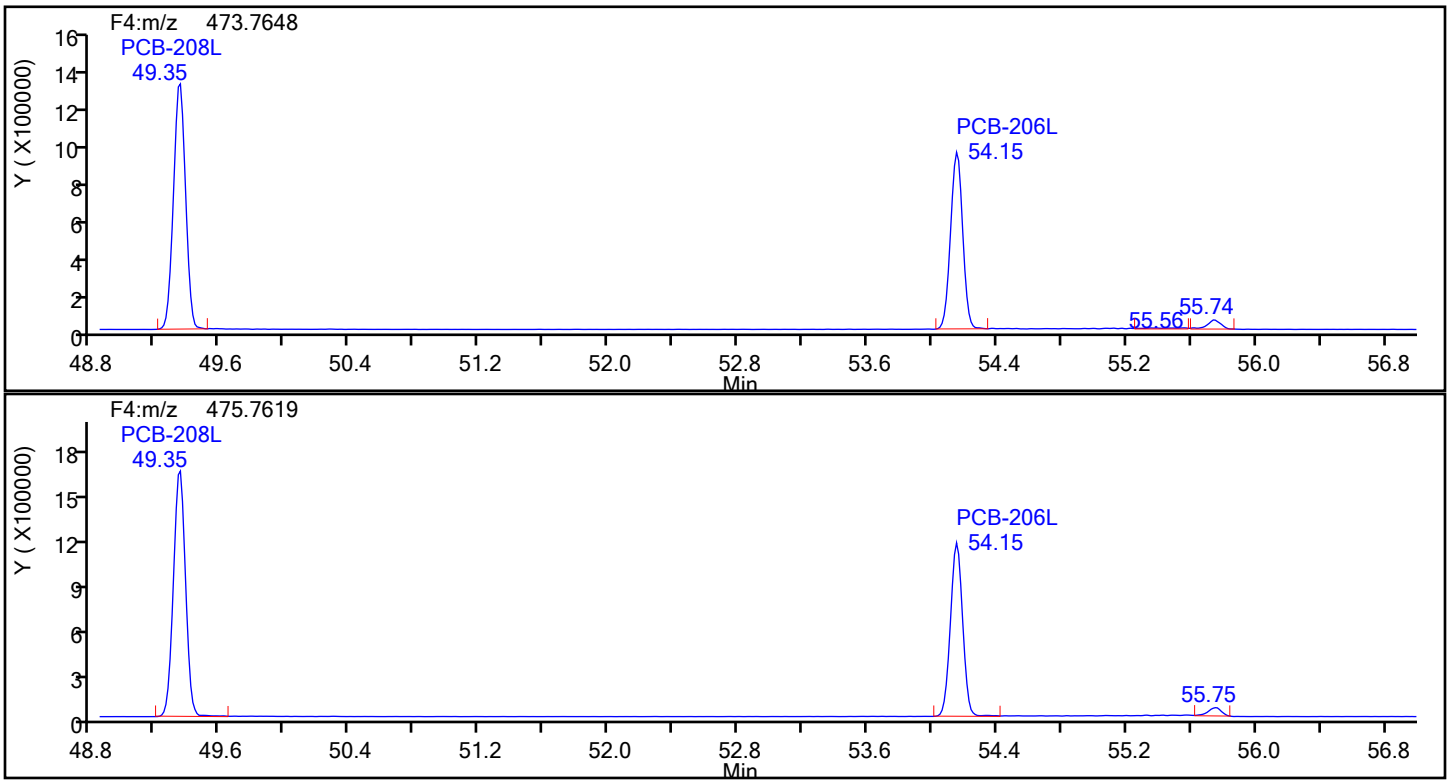
Worklist#: 54640 Sample Line#: 4

Column Type: Column Dia:

NoPCB F4



NoPCB F4 Standards

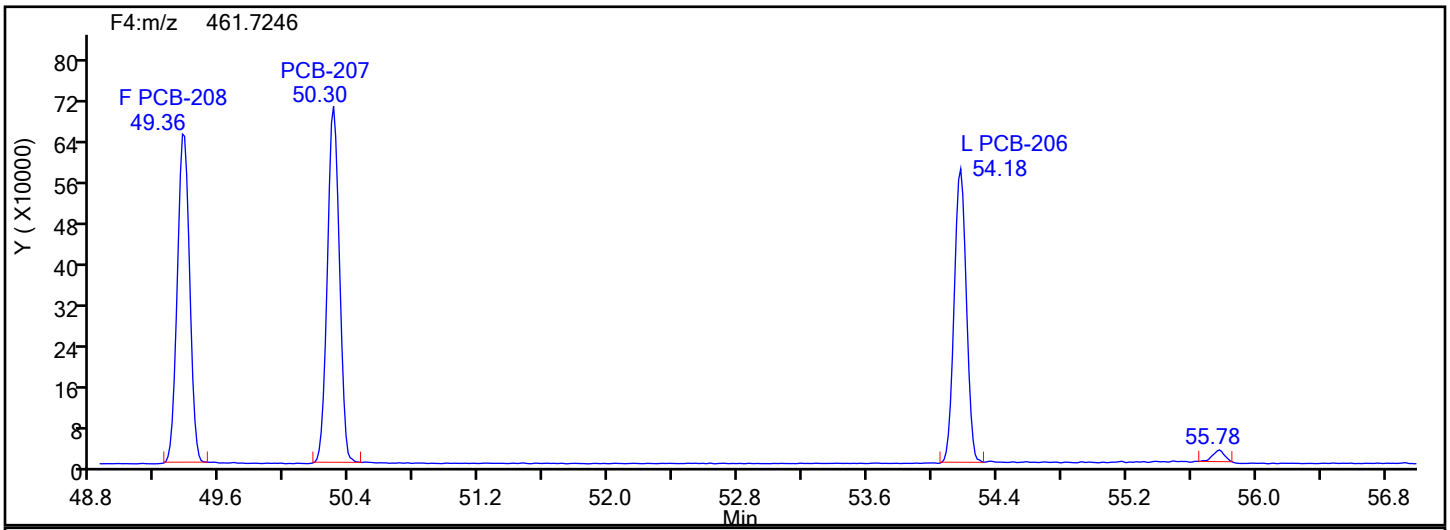


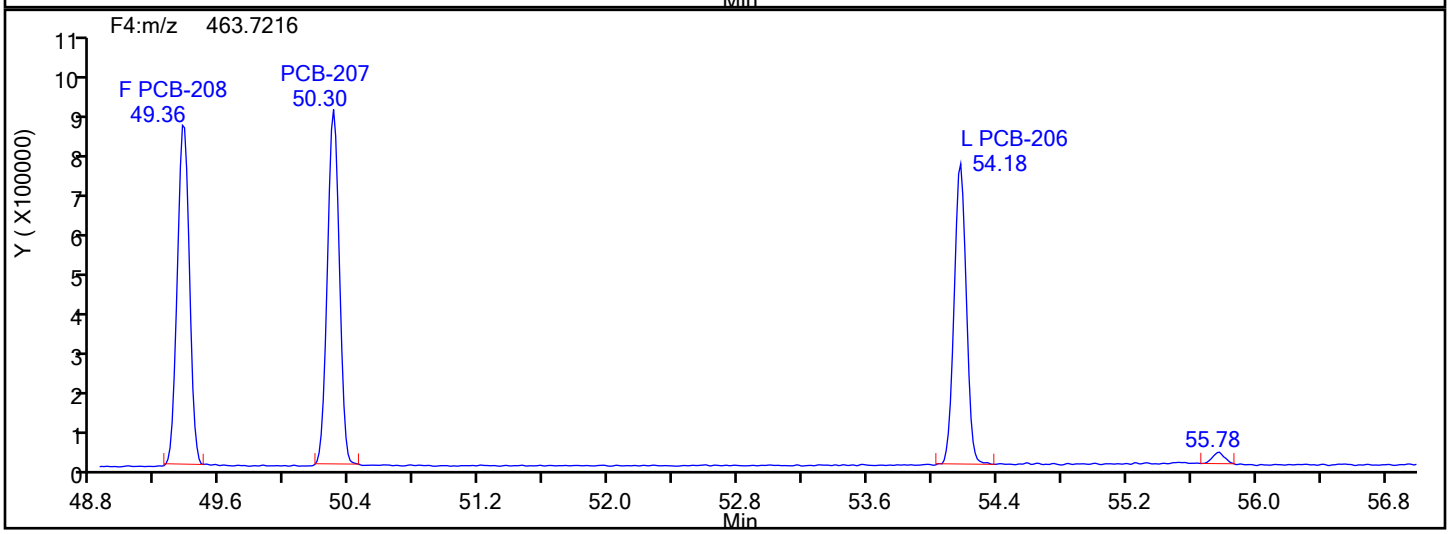
Report Date: 08-Oct-2021 19:11:11 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

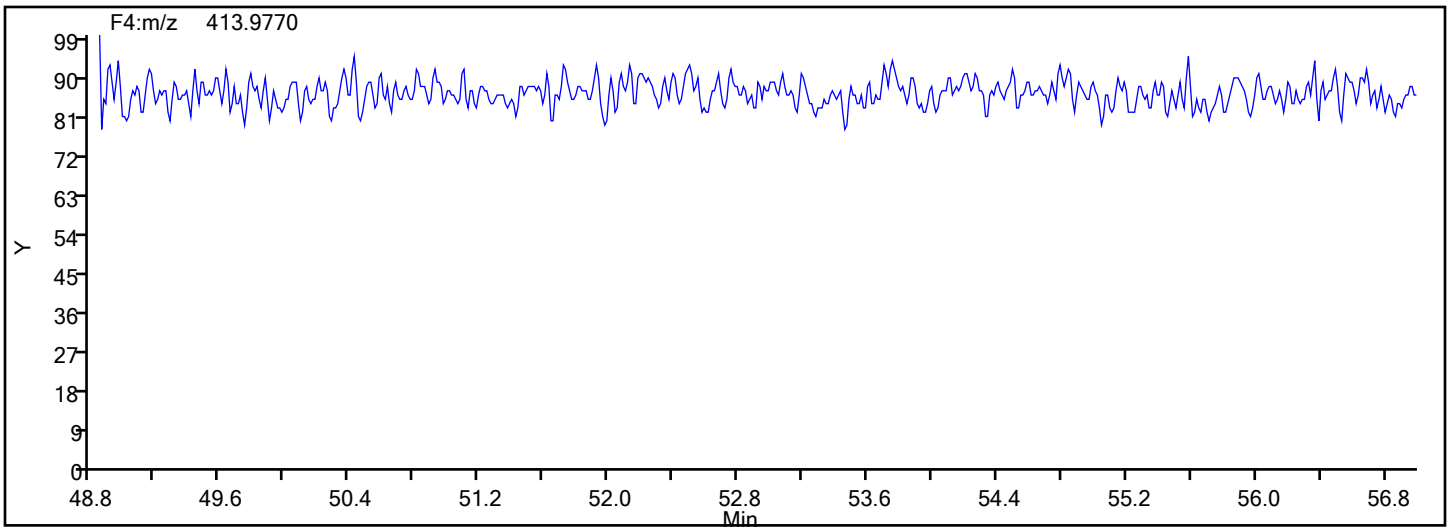
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



Report Date: 08-Oct-2021 19:11:11 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d

Injection Date: 08-Oct-2021 14:53:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

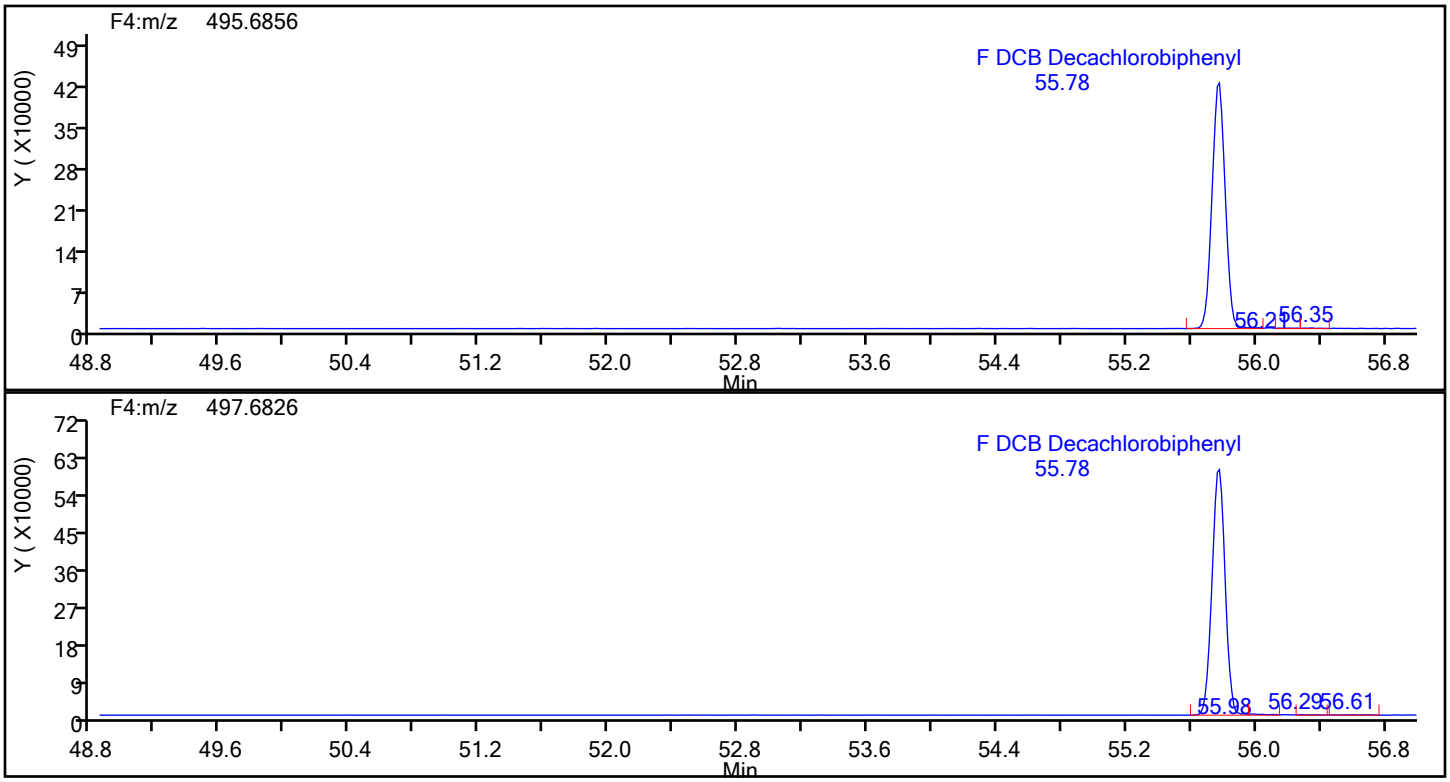
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

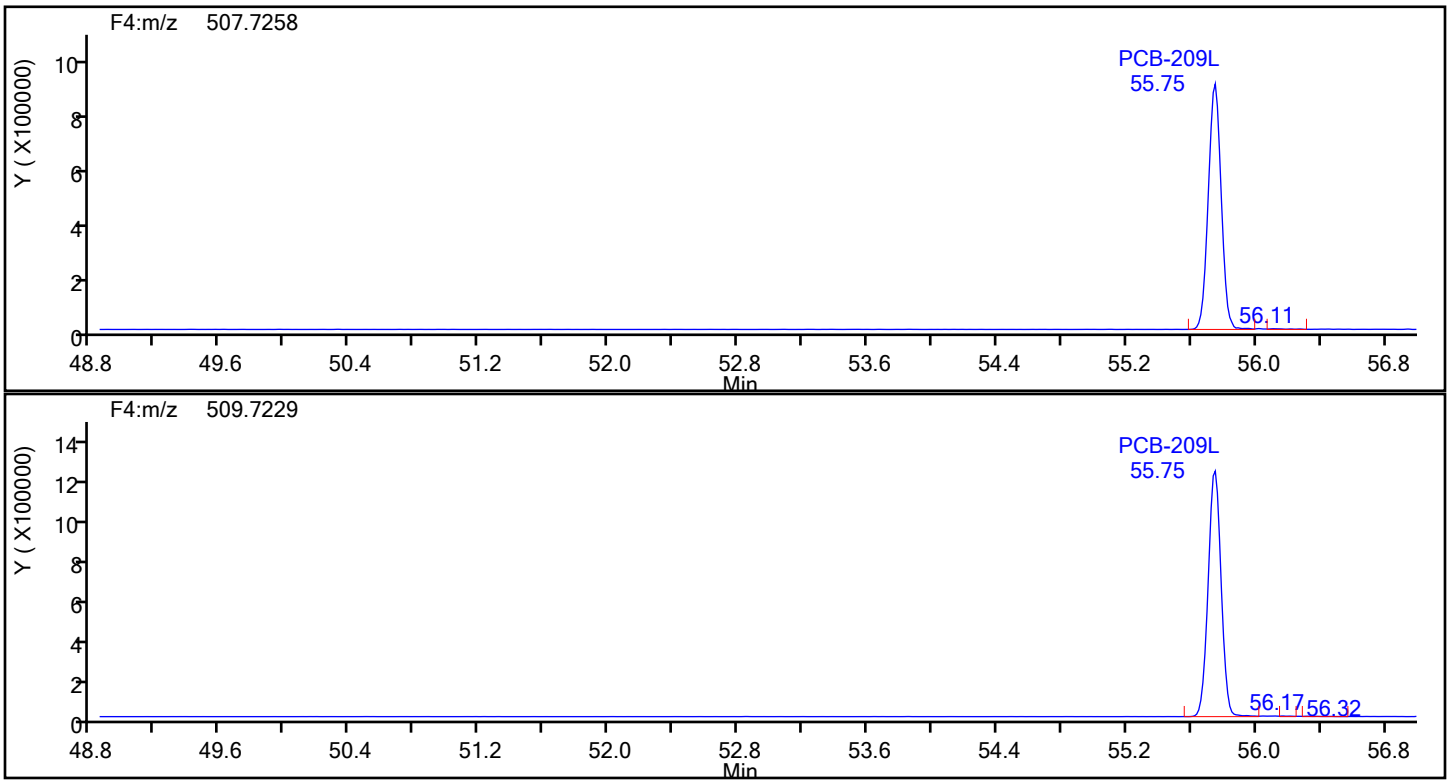
Worklist#: 54640 Sample Line#: 4

Column Type: Column Dia:

DePCB F4



DePCB F4 Standards

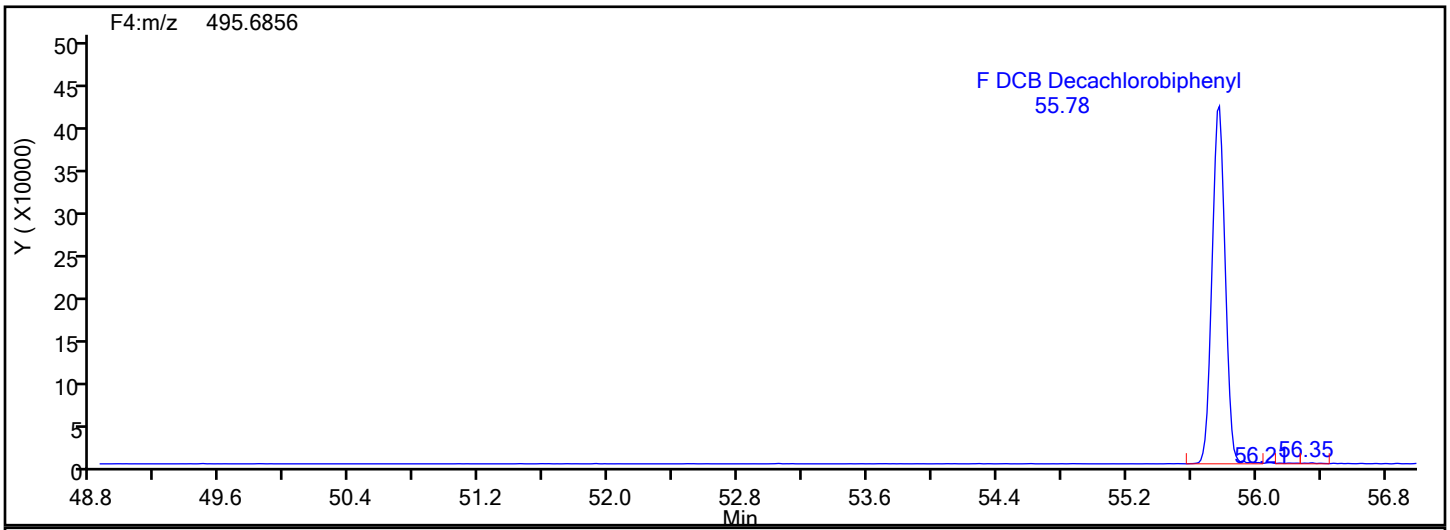


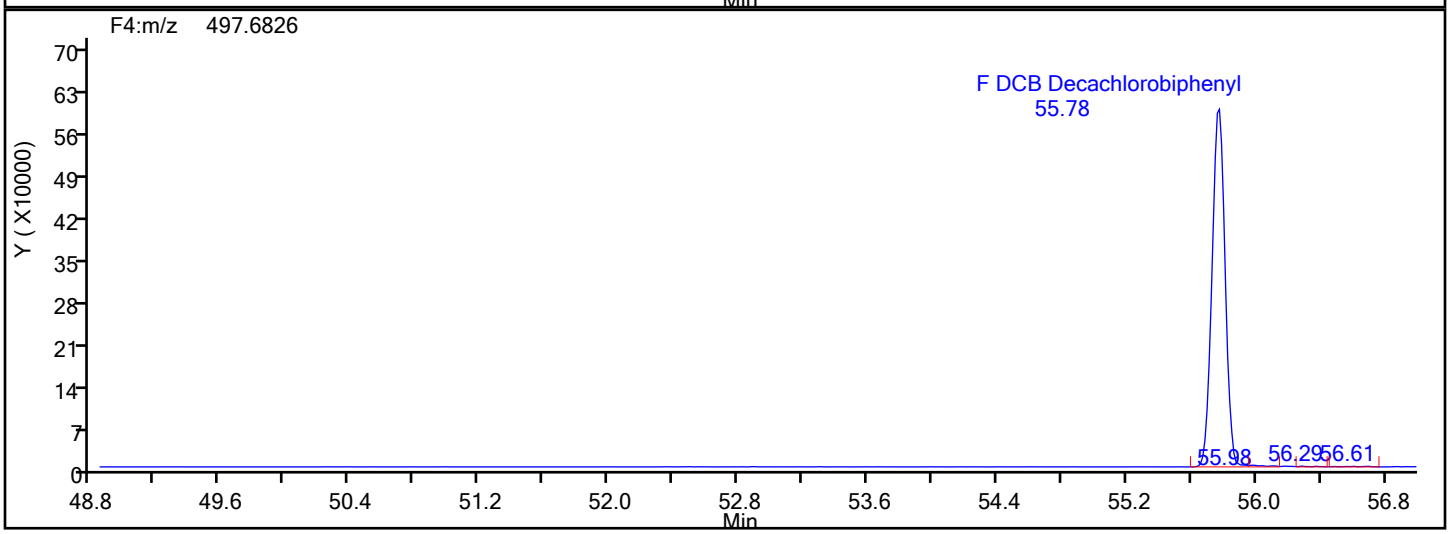
Report Date: 08-Oct-2021 19:11:11 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

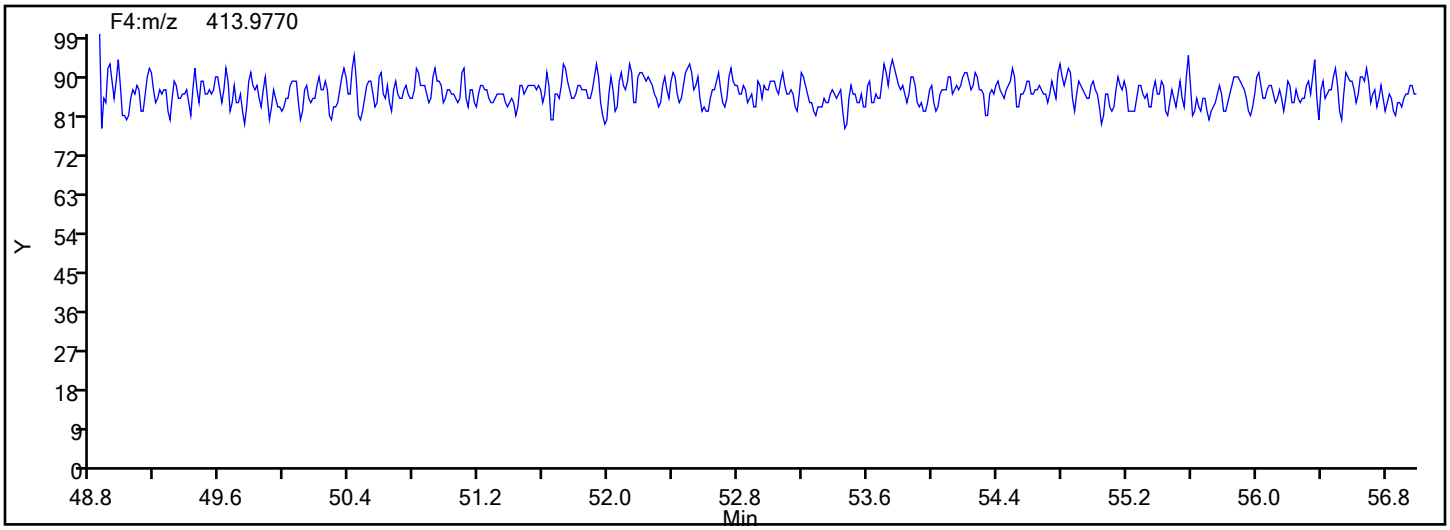
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic4.d		
Injection Date:	08-Oct-2021 14:53:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	4
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Lims ID: IC L5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Oct-2021 15:56:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-005
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:11:20 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 17:07:56

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					1254.7	1254.7	0.9836	0.9836		
D PCB-1L	11:47	26432261	3.18	1.3572	100.6	100.6	0.3282	0.3282	101	
D PCB-3L	13:57	27791541	3.27	1.4136	101.6	101.6	0.3151	0.3151	102	
PCB-1	11:47	136674668	3.33	1.2253	422.0	422.0	0.9584	0.9584	106	
PCB-2	13:47	140708140	3.31	1.2638	410.6	410.6	0.9649	0.9649	103	
PCB-3	13:58	144771351	3.32	1.2343	422.0	422.0	1.027	1.027	106	
S Total Dichlorobiphenyls					4825.9	4825.9	0.0136	0.0136		
D PCB-4L	14:12	11924149	1.59	0.6168	99.9	99.9	0.0860	0.0860	99.86	
* PCB-9L	16:09	19357421	1.63	2E+05	100.0	100.0				
$ PCB-8L	16:59	75836929	1.61	1.0903	403.7	403.7	0.0576	0.0576	101	
D PCB-15L	20:05	22533731	1.61	1.1198	104.0	104.0	0.0474	0.0474	104	
PCB-4	14:13	61595313	1.60	1.2801	403.5	403.5	0.0169	0.0169	101	
PCB-10	14:23	79824605	1.61	1.1542	401.4	401.4	0.0153	0.0153	100	
PCB-9	16:09	94531473	1.60	1.3642	402.2	402.2	0.0129	0.0129	101	
PCB-7	16:20	86357015	1.60	1.2485	401.5	401.5	0.0141	0.0141	100	
PCB-6	16:35	102984757	1.61	1.4961	399.5	399.5	0.0118	0.0118	99.88	
PCB-5	16:53	84177501	1.61	1.2206	400.3	400.3	0.0144	0.0144	100	
PCB-8	17:01	106639376	1.61	1.5207	407.0	407.0	0.0116	0.0116	102	
PCB-14	18:37	88575256	1.61	1.2864	399.6	399.6	0.0137	0.0137	99.91	
PCB-11	19:28	98252906	1.62	1.4418	395.5	395.5	0.0122	0.0122	98.88	
PCB-12	19:47	182696252	1.61	1.2960	818.2	818.2	0.0136	0.0136	102	
PCB-13 (C12)	19:47	182696252	1.61	1.2960	818.2	818.2	0.0136	0.0136	102	
PCB-15	20:05	101803647	1.60	1.1378	397.1	397.1	0.0131	0.0131	99.27	
S Total Trichlorobiphenyls					9744.5	9744.5	1.763	1.763		
D PCB-19L	17:18	8350999	1.08	0.6075	100.0	100.0	0.2828	0.2828	99.99	
* PCB-32L	20:33	13747747	1.08	1.4E+05	100.0	100.0				
* PCB-31L	22:48	29994613	1.05	3.1E+05	100.0	100.0				
$ PCB-28L	23:06	118491668	1.06	0.9882	399.8	399.8	0.1100	0.1100	99.94	
D PCB-37L	27:08	27531370	1.07	0.8960	102.4	102.4	0.1213	0.1213	102	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-19	17:20	42366813	1.06	1.2904	393.1	393.1	0.0201	0.0201	98.29	
PCB-18	19:06	119483130	1.07	1.8076	791.5	791.5	0.0143	0.0143	98.94	M
PCB-30 (C18)	19:06	119483130	1.07	1.8076	791.5	791.5	0.0143	0.0143	98.94	M
PCB-17	19:35	40861125	1.06	1.2151	402.7	402.7	0.0213	0.0213	101	
PCB-27	19:48	59853647	1.06	1.7146	418.0	418.0	0.0151	0.0151	105	
PCB-24	19:56	60109079	1.06	1.7741	405.7	405.7	0.0146	0.0146	101	
PCB-16	20:04	39798100	1.06	1.2003	397.0	397.0	0.0216	0.0216	99.26	
PCB-32	20:34	65762928	1.05	1.9703	399.7	399.7	0.0132	0.0132	99.92	
PCB-34	21:48	112525495	1.06	1.0089	405.1	405.1	3.055	3.055	101	
PCB-23	21:57	113036528	1.05	1.0329	397.5	397.5	2.984	2.984	99.38	
PCB-26	22:17	241661671	1.05	1.0037	874.5	874.5	3.071	3.071	109	
PCB-29 (C26)	22:17	241661671	1.05	1.0037	874.5	874.5	3.071	3.071	109	
PCB-25	22:31	144253570	1.05	1.2995	403.2	403.2	2.372	2.372	101	
PCB-31	22:50	137151409	1.05	1.2369	402.7	402.7	2.492	2.492	101	
PCB-20	23:08	257838732	1.05	1.1096	844.0	844.0	2.778	2.778	106	
PCB-28 (C20)	23:08	257838732	1.05	1.1096	844.0	844.0	2.778	2.778	106	
PCB-21	23:18	252925388	1.07	1.1245	817.0	817.0	2.741	2.741	102	M
PCB-33 (C21)	23:18	252925388	1.07	1.1245	817.0	817.0	2.741	2.741	102	M
PCB-22	23:46	134681352	1.03	1.2027	406.8	406.8	2.563	2.563	102	
PCB-36	25:19	140434197	1.04	1.2953	393.8	393.8	2.380	2.380	98.45	M
PCB-39	25:40	128773085	1.04	1.1621	402.5	402.5	2.653	2.653	101	
PCB-38	26:15	131039691	1.05	1.1759	404.8	404.8	2.621	2.621	101	
PCB-35	26:44	121880313	1.05	1.1311	391.4	391.4	2.725	2.725	97.85	M
PCB-37	27:09	123978062	1.05	1.1448	393.4	393.4	2.693	2.693	98.34	
S Total Tetrachlorobiphenyls					16614	16614	2.162	2.162		
D PCB-54L	20:24	9237472	0.80	0.6773	99.2	99.2	0.0316	0.0316	99.21	
* PCB-52L	24:57	15506780	0.80	1.6E+05	100.0	100.0				
$ PCB-79L	32:52	86325428	0.79	0.9218	417.0	417.0	0.1146	0.1146	104	
D PCB-81L	33:53	21576172	0.81	1.3497	103.1	103.1	0.1023	0.1023	103	
D PCB-77L	34:27	23333911	0.81	1.4256	105.6	105.6	0.0968	0.0968	106	
PCB-54	20:25	45054543	0.77	1.2064	404.3	404.3	0.0324	0.0324	101	
PCB-50	22:34	137616733	0.78	0.7674	798.6	798.6	2.846	2.846	99.82	
PCB-53 (C50)	22:34	137616733	0.78	0.7674	798.6	798.6	2.846	2.846	99.82	
PCB-45	23:18	124147333	0.78	0.7052	784.0	784.0	3.097	3.097	98.00	M
PCB-51 (C45)	23:18	124147333	0.78	0.7052	784.0	784.0	3.097	3.097	98.00	M
PCB-46	23:34	52012886	0.79	0.5909	392.0	392.0	3.696	3.696	98.00	
PCB-52	24:57	72438009	0.78	0.8488	380.1	380.1	2.573	2.573	95.01	
PCB-43	25:06	159264958	0.78	0.8936	793.8	793.8	2.444	2.444	99.22	M
PCB-73 (C43)	25:06	159264958	0.78	0.8936	793.8	793.8	2.444	2.444	99.22	M
PCB-49	25:23	159100500	0.78	0.8934	793.1	793.1	2.445	2.445	99.13	M
PCB-69 (C49)	25:23	159100500	0.78	0.8934	793.1	793.1	2.445	2.445	99.13	M
PCB-48	25:43	64534098	0.78	0.7506	382.9	382.9	2.910	2.910	95.72	
PCB-44	25:58	236708776	0.78	0.8388	1256.8	1256.8	2.604	2.604	105	
PCB-47 (C44)	25:58	236708776	0.78	0.8388	1256.8	1256.8	2.604	2.604	105	
PCB-65 (C44)	25:58	236708776	0.78	0.8388	1256.8	1256.8	2.604	2.604	105	
PCB-59	26:17	279594977	0.78	1.0042	1239.9	1239.9	2.175	2.175	103	
PCB-62 (C59)	26:17	279594977	0.78	1.0042	1239.9	1239.9	2.175	2.175	103	
PCB-75 (C59)	26:17	279594977	0.78	1.0042	1239.9	1239.9	2.175	2.175	103	
PCB-42	26:30	58581320	0.79	0.6874	379.5	379.5	3.177	3.177	94.88	
PCB-40	27:00	203499293	0.78	0.7618	1189.7	1189.7	2.867	2.867	99.14	M
PCB-41 (C40)	27:00	203499293	0.78	0.7618	1189.7	1189.7	2.867	2.867	99.14	M
PCB-71 (C40)	27:00	203499293	0.78	0.7618	1189.7	1189.7	2.867	2.867	99.14	M
PCB-64	27:12	90828692	0.79	1.0318	392.0	392.0	2.117	2.117	98.01	
PCB-72	28:01	102807467	0.78	1.1621	394.0	394.0	1.879	1.879	98.49	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-68	28:18	96465219	0.78	1.1249	381.9	381.9	1.942	1.942	95.47	M
PCB-57	28:43	96114368	0.78	1.1107	385.4	385.4	1.967	1.967	96.34	
PCB-58	28:59	112731269	0.79	1.2848	390.7	390.7	1.700	1.700	97.68	
PCB-67	29:08	115655040	0.78	1.3274	388.0	388.0	1.646	1.646	97.00	
PCB-63	29:24	92061770	0.79	1.0648	385.0	385.0	2.051	2.051	96.26	
PCB-61	29:46	431435688	0.78	1.1549	1663.7	1663.7	1.891	1.891	104	
PCB-70 (C61)	29:46	431435688	0.78	1.1549	1663.7	1663.7	1.891	1.891	104	
PCB-74 (C61)	29:46	431435688	0.78	1.1549	1663.7	1663.7	1.891	1.891	104	
PCB-76 (C61)	29:46	431435688	0.78	1.1549	1663.7	1663.7	1.891	1.891	104	
PCB-66	30:04	108780634	0.78	1.2325	393.0	393.0	1.772	1.772	98.26	
PCB-55	30:15	108229194	0.78	1.2655	380.9	380.9	1.726	1.726	95.22	
PCB-56	30:45	104240261	0.78	1.2161	381.7	381.7	1.796	1.796	95.43	
PCB-60	30:58	87532869	0.78	1.0554	369.4	369.4	2.070	2.070	92.34	
PCB-80	31:21	107014187	0.80	1.2769	373.2	373.2	1.711	1.711	93.31	
PCB-79	32:54	128354089	0.78	1.4452	395.5	395.5	1.511	1.511	98.88	
PCB-78	33:28	101458444	0.78	1.2116	372.9	372.9	1.803	1.803	93.23	
PCB-81	33:54	85007734	0.79	1.0148	388.2	388.2	2.208	2.208	97.06	
PCB-77	34:29	93976020	0.78	1.0498	383.6	383.6	2.029	2.029	95.91	
S Total Pentachlorobiphenyls					18584	18584	0.997	0.997		
D PCB-104L	25:53	13761361	1.61	1.1880	99.5	99.5	0.0233	0.0233	99.48	
$ PCB-95L	28:52	40020751	1.60	0.6819	426.5	426.5	0.0325	0.0325	107	
* PCB-101L	31:47	11643587	1.58	1.2E+05	100.0	100.0				
$ PCB-111L	34:27	59376484	1.60	1.1801	432.1	432.1	0.0234	0.0234	108	
D PCB-123L	36:26	19753363	1.58	0.9399	104.1	104.1	0.7087	0.7087	104	
D PCB-118L	36:46	20396826	1.59	0.9794	103.1	103.1	0.6801	0.6801	103	
D PCB-114L	37:17	20407403	1.59	0.9767	103.5	103.5	0.6820	0.6820	103	
D PCB-105L	37:58	19973025	1.59	0.9600	103.0	103.0	0.6938	0.6938	103	
* PCB-127L	39:25	20193235	1.59	2.1E+05	100.0	100.0				
D PCB-126L	41:03	19921892	1.57	0.9554	103.3	103.3	0.6972	0.6972	103	
PCB-104	25:54	56039039	1.59	1.0054	405.0	405.0	0.0212	0.0212	101	
PCB-96	26:18	65006626	1.59	1.1511	410.4	410.4	0.0185	0.0185	103	
PCB-103	28:12	45997172	1.60	0.8327	401.4	401.4	0.0255	0.0255	100	
PCB-94	28:26	38530125	1.59	0.6950	402.9	402.9	0.0306	0.0306	101	
PCB-95	28:53	44021842	1.60	0.7922	403.8	403.8	0.0268	0.0268	101	
PCB-93	29:05	87121448	1.59	0.7830	808.5	808.5	0.0272	0.0272	101	
PCB-100 (C93)	29:05	87121448	1.59	0.7830	808.5	808.5	0.0272	0.0272	101	
PCB-98	29:15	101018128	1.63	0.9182	799.4	799.4	0.0232	0.0232	99.93	M
PCB-102 (C98)	29:15	101018128	1.63	0.9182	799.4	799.4	0.0232	0.0232	99.93	M
PCB-88	29:45	88289327	1.58	0.8023	799.7	799.7	0.0265	0.0265	99.96	
PCB-91 (C88)	29:45	88289327	1.58	0.8023	799.7	799.7	0.0265	0.0265	99.96	
PCB-84	29:59	38512709	1.58	0.6855	408.3	408.3	0.0310	0.0310	102	
PCB-89	30:28	45868301	1.61	0.8482	392.9	392.9	0.0251	0.0251	98.24	
PCB-121	30:49	71148354	1.60	1.2839	402.7	402.7	0.0166	0.0166	101	
PCB-92	31:13	43215374	1.58	0.7805	402.3	402.3	0.0273	0.0273	101	
PCB-90	31:47	157546754	1.58	0.9542	1199.8	1199.8	0.0223	0.0223	99.98	
PCB-101 (C90)	31:47	157546754	1.58	0.9542	1199.8	1199.8	0.0223	0.0223	99.98	
PCB-113 (C90)	31:47	157546754	1.58	0.9542	1199.8	1199.8	0.0223	0.0223	99.98	
PCB-83	32:23	97057771	1.59	0.8851	796.8	796.8	0.0240	0.0240	99.60	
PCB-99 (C83)	32:23	97057771	1.59	0.8851	796.8	796.8	0.0240	0.0240	99.60	
PCB-112	32:30	77869312	1.59	1.4150	399.9	399.9	0.0150	0.0150	99.97	
PCB-86	32:52	355967618	1.63	1.0283	2515.6	2515.6	0.0207	0.0207	105	M
PCB-87 (C86)	32:52	355967618	1.63	1.0283	2515.6	2515.6	0.0207	0.0207	105	M
PCB-97 (C86)	32:52	355967618	1.63	1.0283	2515.6	2515.6	0.0207	0.0207	105	M
PCB-109 (C86)	32:52	355967618	1.63	1.0283	2515.6	2515.6	0.0207	0.0207	105	M
PCB-119 (C86)	32:52	355967618	1.63	1.0283	2515.6	2515.6	0.0207	0.0207	105	M
PCB-125 (C86)	32:52	355967618	1.63	1.0283	2515.6	2515.6	0.0207	0.0207	105	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-85	33:36	169424631	1.60	1.0238	1202.6	1202.6	0.0208	0.0208	100	
PCB-116 (C85)	33:36	169424631	1.60	1.0238	1202.6	1202.6	0.0208	0.0208	100	
PCB-117 (C85)	33:36	169424631	1.60	1.0238	1202.6	1202.6	0.0208	0.0208	100	
PCB-110	33:50	149040447	1.60	1.3556	798.9	798.9	0.0157	0.0157	99.87	
PCB-115 (C110)	33:50	149040447	1.60	1.3556	798.9	798.9	0.0157	0.0157	99.87	
PCB-82	34:08	46831131	1.58	0.8520	399.4	399.4	0.0250	0.0250	99.86	
PCB-111	34:29	66961411	1.59	1.2217	398.3	398.3	0.0174	0.0174	99.58	
PCB-120	34:57	82917370	1.60	1.5157	397.5	397.5	0.0140	0.0140	99.38	
PCB-108	36:06	182699420	1.60	1.0910	833.5	833.5	3.060	3.060	104	
PCB-124 (C108)	36:06	182699420	1.60	1.0910	833.5	833.5	3.060	3.060	104	
PCB-107	36:20	101004257	1.59	1.2004	418.8	418.8	2.781	2.781	105	
PCB-123	36:27	80121492	1.58	1.0447	388.3	388.3	3.190	3.190	97.07	
PCB-106	36:35	96506164	1.58	1.1708	410.3	410.3	2.852	2.852	103	
PCB-118	36:47	84497724	1.58	1.0261	403.7	403.7	3.159	3.159	101	M
PCB-122	37:08	74026036	1.58	0.9264	397.8	397.8	3.604	3.604	99.44	
PCB-114	37:19	87477544	1.59	1.0927	392.3	392.3	3.013	3.013	98.07	
PCB-105	37:59	84714600	1.58	1.0755	394.4	394.4	3.138	3.138	98.59	M
PCB-127	39:27	94674746	1.59	1.1835	398.2	398.2	2.821	2.821	99.55	M
PCB-126	41:05	97933947	1.58	1.2284	400.2	400.2	2.816	2.816	100	
S Total Hexachlorobiphenyls					16813	16813	2.346	2.346		
D PCB-155L	31:31	13114665	1.25	1.1357	99.2	99.2	0.0244	0.0244	99.18	
$ PCB-153L	38:38	54594119	1.29	0.8141	370.0	370.0	0.6736	0.6736	92.49	
* PCB-138L	39:53	14197186	1.28	1.5E+05	100.0	100.0				
D PCB-167L	42:53	17971397	1.29	1.2662	100.0	100.0	0.4381	0.4381	99.97	
D PCB-156L	44:05	35753500	1.29	1.2515	201.2	201.2	0.4432	0.4432	101	
D PCB-157L (C156L)	44:05	35753500	1.29	1.2515	201.2	201.2	0.4432	0.4432	101	
D PCB-169L	47:19	18774440	1.28	1.3070	101.2	101.2	0.4244	0.4244	101	
PCB-155	31:32	48319522	1.26	0.9289	396.7	396.7	0.0269	0.0269	99.16	
PCB-152	31:47	60815602	1.27	1.1242	412.5	412.5	0.0222	0.0222	103	
PCB-150	31:56	52827921	1.27	0.9966	404.2	404.2	0.0251	0.0251	101	
PCB-136	32:20	50110983	1.27	0.9632	396.7	396.7	0.0260	0.0260	99.17	
PCB-145	32:36	56844398	1.26	1.0775	402.3	402.3	0.0232	0.0232	101	
PCB-148	34:05	38992245	1.27	0.7376	403.1	403.1	0.0339	0.0339	101	
PCB-135	34:46	77107172	1.27	0.7414	793.0	793.0	0.0337	0.0337	99.13	
PCB-151 (C135)	34:46	77107172	1.27	0.7414	793.0	793.0	0.0337	0.0337	99.13	
PCB-154	34:57	43059273	1.26	0.8223	399.3	399.3	0.0304	0.0304	99.82	
PCB-144	35:16	38404372	1.26	0.7371	397.3	397.3	0.0339	0.0339	99.32	
PCB-147	35:39	128641468	1.27	0.8634	822.1	822.1	3.346	3.346	103	
PCB-149 (C147)	35:39	128641468	1.27	0.8634	822.1	822.1	3.346	3.346	103	
PCB-134	35:57	97970158	1.26	0.6812	793.5	793.5	4.241	4.241	99.18	
PCB-143 (C134)	35:57	97970158	1.26	0.6812	793.5	793.5	4.241	4.241	99.18	
PCB-139	36:13	122124205	1.26	0.8381	803.9	803.9	3.447	3.447	100	
PCB-140 (C139)	36:13	122124205	1.26	0.8381	803.9	803.9	3.447	3.447	100	
PCB-131	36:27	48948214	1.26	0.6856	393.9	393.9	4.214	4.214	98.48	
PCB-142	36:35	50119918	1.26	0.6760	409.0	409.0	4.273	4.273	102	
PCB-132	36:55	51322455	1.26	0.7063	400.9	400.9	4.090	4.090	100	
PCB-133	37:23	56335345	1.26	0.7770	400.0	400.0	3.718	3.718	100	
PCB-165	37:47	68124713	1.26	0.9584	392.2	392.2	3.014	3.014	98.05	
PCB-146	38:02	65636713	1.25	0.9163	395.2	395.2	3.153	3.153	98.80	
PCB-161	38:09	84450860	1.27	1.1406	408.5	408.5	2.533	2.533	102	
PCB-153	38:40	153553809	1.27	1.0468	809.3	809.3	2.760	2.760	101	
PCB-168 (C153)	38:40	153553809	1.27	1.0468	809.3	809.3	2.760	2.760	101	
PCB-141	38:52	56218344	1.26	0.7580	409.2	409.2	3.811	3.811	102	
PCB-130	39:16	45175108	1.25	0.6356	392.1	392.1	4.545	4.545	98.03	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-137	39:29	55015249	1.25	0.7533	402.9	402.9	3.835	3.835	101	
PCB-164	39:37	79442385	1.26	1.1173	392.3	392.3	2.586	2.586	98.07	
PCB-129	39:56	257577939	1.26	0.8826	1610.2	1610.2	3.273	3.273	101	M
PCB-138 (C129)	39:56	257577939	1.26	0.8826	1610.2	1610.2	3.273	3.273	101	M
PCB-160 (C129)	39:56	257577939	1.26	0.8826	1610.2	1610.2	3.273	3.273	101	M
PCB-163 (C129)	39:56	257577939	1.26	0.8826	1610.2	1610.2	3.273	3.273	101	M
PCB-158	40:18	81461608	1.26	1.1331	396.6	396.6	2.550	2.550	99.16	
PCB-128	41:08	138369680	1.26	0.9522	801.8	801.8	3.034	3.034	100	
PCB-166 (C128)	41:08	138369680	1.26	0.9522	801.8	801.8	3.034	3.034	100	
PCB-159	42:08	94496167	1.26	1.3072	398.8	398.8	2.210	2.210	99.71	
PCB-162	42:27	77683768	1.26	1.0935	392.0	392.0	2.642	2.642	97.99	M
PCB-167	42:55	78569385	1.25	1.1098	393.9	393.9	2.095	2.095	98.48	
PCB-156	44:05	151014135	1.26	1.0713	788.5	788.5	3.568	3.568	98.57	
PCB-157 (C156)	44:05	151014135	1.26	1.0713	788.5	788.5	3.568	3.568	98.57	
PCB-169	47:20	92316556	1.27	1.2249	401.4	401.4	1.893	1.893	100	
S Total Heptachlorobiphenyls					9599.4	9599.4	0.0283	0.0283		
D PCB-188L	37:16	14245893	1.06	1.2605	99.1	99.1	0.0227	0.0227	99.11	
$ PCB-178L	40:20	41506290	1.07	0.8365	435.1	435.1	0.0342	0.0342	109	
* PCB-180L	45:27	11403338	1.07	1.2E+05	100.0	100.0				
D PCB-170L	46:43	9611804	1.06	0.8524	98.9	98.9	0.0336	0.0336	98.88	
D PCB-189L	49:50	22246243	1.07	1.4740	102.6	102.6	0.1089	0.1089	103	
PCB-188	37:17	61609085	1.05	1.0534	410.5	410.5	0.0158	0.0158	103	
PCB-179	37:39	66775499	1.05	1.4009	399.6	399.6	0.0144	0.0144	99.90	
PCB-184	38:08	62825761	1.05	1.2996	405.3	405.3	0.0156	0.0156	101	
PCB-176	38:31	56875086	1.06	1.1987	397.8	397.8	0.0169	0.0169	99.44	
PCB-186	38:59	71062914	1.05	1.4715	404.9	404.9	0.0137	0.0137	101	
PCB-178	40:21	43211836	1.07	0.8813	411.0	411.0	0.0229	0.0229	103	
PCB-175	40:59	42699319	1.05	0.9040	396.0	396.0	0.0224	0.0224	98.99	
PCB-187	41:16	54000202	1.05	1.1524	392.8	392.8	0.0175	0.0175	98.21	
PCB-182	41:27	52491989	1.05	1.1052	398.2	398.2	0.0183	0.0183	99.54	
PCB-183	41:52	90141299	1.06	0.9716	777.8	777.8	0.0208	0.0208	97.22	M
PCB-185 (C183)	41:52	90141299	1.06	0.9716	777.8	777.8	0.0208	0.0208	97.22	M
PCB-174	42:08	47824598	1.05	0.9981	401.7	401.7	0.0203	0.0203	100	
PCB-177	42:34	46582830	1.05	0.9612	406.3	406.3	0.0210	0.0210	102	
PCB-181	42:57	49851140	1.04	1.0577	395.1	395.1	0.0191	0.0191	98.78	
PCB-171	43:11	86254886	1.05	0.8964	806.6	806.6	0.0226	0.0226	101	
PCB-173 (C171)	43:11	86254886	1.05	0.8964	806.6	806.6	0.0226	0.0226	101	
PCB-172	44:49	44094696	1.04	0.9283	398.2	398.2	0.0218	0.0218	99.55	
PCB-192	45:05	67208690	1.05	1.4131	398.7	398.7	0.0143	0.0143	99.68	
PCB-180	45:26	112035933	1.05	1.1677	804.3	804.3	0.0173	0.0173	101	
PCB-193 (C180)	45:26	112035933	1.05	1.1677	804.3	804.3	0.0173	0.0173	101	
PCB-191	45:49	60400084	1.05	1.2698	398.8	398.8	0.0159	0.0159	99.69	
PCB-170	46:45	41669000	1.05	1.0923	396.9	396.9	0.0235	0.0235	99.23	
PCB-190	47:16	62675506	1.05	1.3003	404.1	404.1	0.0155	0.0155	101	
PCB-189	49:51	89153684	1.04	1.0146	395.0	395.0	0.2252	0.2252	98.75	
S Total Octachlorobiphenyls					4777.0	4777.0	0.1028	0.1028		
D PCB-202L	42:38	11826600	0.91	1.0390	99.8	99.8	0.0260	0.0260	99.81	
* PCB-194L	51:56	14717061	0.92	1.5E+05	100.0	100.0				
D PCB-205L	52:24	17991792	0.91	1.2166	100.5	100.5	0.0426	0.0426	100	
PCB-202	42:40	47473898	0.90	1.0078	398.3	398.3	0.0250	0.0250	99.58	
PCB-201	43:35	44361727	0.90	0.9580	391.5	391.5	0.0263	0.0263	97.89	
PCB-204	44:15	51603427	0.90	1.1119	392.4	392.4	0.0227	0.0227	98.11	
PCB-197	44:29	49018221	0.90	1.0487	395.2	395.2	0.0240	0.0240	98.81	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-200	44:37	47329681	0.90	0.9671	413.8	413.8	0.0261	0.0261	103	
PCB-198	47:23	82539493	0.90	0.8830	790.4	790.4	0.0286	0.0286	98.80	
PCB-199 (C198)	47:23	82539493	0.90	0.8830	790.4	790.4	0.0286	0.0286	98.80	
PCB-196	48:05	36629925	0.90	0.7882	393.0	393.0	0.0320	0.0320	98.24	
PCB-203	48:16	45945903	0.91	0.9704	400.3	400.3	0.0260	0.0260	100	
PCB-195	49:36	60111819	0.89	0.8289	403.1	403.1	0.3497	0.3497	101	
PCB-194	51:57	67382358	0.89	0.9255	404.6	404.6	0.3132	0.3132	101	
PCB-205	52:25	79911020	0.90	1.1267	394.2	394.2	0.2573	0.2573	98.56	
S Total Nonachlorobiphenyls					1176.9	1176.9	3.808	3.808		
D PCB-208L	49:20	15212396	0.80	1.0234	101.0	101.0	0.1462	0.1462	101	
D PCB-206L	54:08	10848129	0.81	0.7298	101.0	101.0	0.2050	0.2050	101	
PCB-208	49:21	61860972	0.79	1.0457	388.9	388.9	3.601	3.601	97.22	
PCB-207	50:16	63585496	0.78	1.2328	395.8	395.8	3.581	3.581	98.96	
PCB-206	54:09	53483170	0.79	1.2570	392.2	392.2	4.243	4.243	98.05	
D PCB-209L	55:44	11174230	0.72	0.7565	100.4	100.4	0.0455	0.0455	100	
DCB Decachlorobiphenyl	55:45	44675825	0.71	1.0418	383.8	383.8	0.0344	0.0344	95.94	
S Polychlorinated biphenyls, Total					82518	82518	1.251	1.251		

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

61L41668P_00004 Amount Added: 20.00 Units: uL

Report Date: 08-Oct-2021 19:11:20 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Lims ID: IC L5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 08-Oct-2021 15:56:00 ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-005
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:11:20 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 17:07:56

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:47	11:48	-2	0.729	20111731	7759420	4565	11412	1700		
202.0766	11:47	11:48	-2	0.729	6320530	2442108	5633	14082	434	3.18(2.66-3.60)	
PCB-3L											
200.0795	13:57	13:58	-1	0.864	21281184	7239161	4565	11412	1586		
202.0766	13:57	13:58	-1	0.864	6510357	2207287	5633	14082	392	3.27(2.66-3.60)	
PCB-1											
188.0393	11:47	11:49	-2	1.001	105140559	42585547	34881	87202	1221		
190.0363	11:47	11:49	-2	1.001	31534109	12745927	13039	32597	978	3.33(2.66-3.60)	
PCB-2											
188.0393	13:47	13:48	-2	0.988	108062063	38962581	34881	87202	1117		
190.0363	13:47	13:48	-2	0.988	32646077	11655730	13039	32597	894	3.31(2.66-3.60)	
PCB-3											
188.0393	13:58	13:58	-1	1.001	111245906	37268885	34881	87202	1068		
190.0363	13:58	13:58	-1	1.001	33525445	11030834	13039	32597	846	3.32(2.66-3.60)	
PCB-4L											
234.0406	14:12	14:13	-2	0.879	7325364	2424096	833	2082	2910		
236.0376	14:12	14:13	-2	0.879	4598785	1521941	381	952	3995	1.59(1.33-1.79)	
PCB-9L											
234.0406	16:09	16:10	-2		11993014	3535939	833	2082	4245		
236.0376	16:09	16:10	-2		7364407	2188144	381	952	5743	1.63(1.33-1.79)	
PCB-8L											
234.0406	16:59	17:01	-2	1.197	46829126	13124522	833	2082	15756		
236.0376	16:59	17:01	-2	1.197	29007803	8210072	381	952	21549	1.61(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-15L											
234.0406	20:05	20:06	-2	1.244	13890531	3519419	833	2082	4225		
236.0376	20:05	20:06	-2	1.244	8643200	2202841	381	952	5782	1.61(1.33-1.79)	
PCB-4											
222.0003	14:13	14:14	-2	1.001	37899553	12216556	169	422	72287		
223.9974	14:13	14:14	-2	1.001	23695760	7669844	172	430	44592	1.60(1.33-1.79)	
PCB-10											
222.0003	14:23	14:24	-2	1.013	49188556	16605676	169	422	98258		
223.9974	14:23	14:24	-2	1.013	30636049	10317921	172	430	59988	1.61(1.33-1.79)	
PCB-9											
222.0003	16:09	16:11	-2	1.138	58191698	17206383	169	422	101813		
223.9974	16:09	16:11	-2	1.138	36339775	10747404	172	430	62485	1.60(1.33-1.79)	
PCB-7											
222.0003	16:20	16:21	-1	1.150	53136431	15781231	169	422	93380		
223.9974	16:20	16:21	-1	1.150	33220584	9777164	172	430	56844	1.60(1.33-1.79)	
PCB-6											
222.0003	16:35	16:36	-2	1.168	63531790	18846063	169	422	111515		
223.9974	16:35	16:36	-2	1.168	39452967	11644172	172	430	67699	1.61(1.33-1.79)	
PCB-5											
222.0003	16:53	16:55	-2	1.189	51864378	15068271	169	422	89161		
223.9974	16:53	16:55	-2	1.189	32313123	9347084	172	430	54344	1.61(1.33-1.79)	
PCB-8											
222.0003	17:01	17:02	-2	1.198	65730700	18943343	169	422	112091		
223.9974	17:01	17:02	-2	1.198	40908676	11687436	172	430	67950	1.61(1.33-1.79)	
PCB-14											
222.0003	18:37	18:39	-2	0.927	54648296	14285935	169	422	84532		
223.9974	18:37	18:39	-2	0.927	33926960	8815116	172	430	51251	1.61(1.33-1.79)	
PCB-11											
222.0003	19:28	19:30	-2	0.970	60733575	16327791	169	422	96614		
223.9974	19:28	19:30	-2	0.970	37519331	10048780	172	430	58423	1.62(1.33-1.79)	
PCB-12											
222.0003	19:47	19:48	-2	0.985	112597190	20587375	169	422	121819		
223.9974	19:47	19:48	-2	0.985	70099062	12811020	172	430	74483	1.61(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:47	19:48	-2	0.985	112597190	20587375	169	422	121819		
223.9974	19:47	19:48	-2	0.985	70099062	12811020	172	430	74483	1.61(1.33-1.79)	
PCB-15											
222.0003	20:05	20:08	-3	1.001	62681986	15146607	169	422	89625		
223.9974	20:05	20:08	-3	1.001	39121661	9482252	172	430	55129	1.60(1.33-1.79)	
PCB-19L											
268.0016	17:18	17:20	-2	0.842	4338354	1173784	1112	2780	1056		
269.9986	17:18	17:20	-2	0.842	4012645	1120373	1207	3017	928	1.08(0.88-1.20)	
PCB-32L											
268.0016	20:33	20:35	-2		7135359	1749547	1112	2780	1573		
269.9986	20:33	20:35	-2		6612388	1624044	1207	3017	1346	1.08(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31L											
268.0016	22:48	22:50	-2		15396382	3766495	1796	4490	2097		
269.9986	22:48	22:50	-2		14598231	3554439	1387	3467	2563	1.05(0.88-1.20)	
PCB-28L											
268.0016	23:06	23:08	-2	1.013	60926680	14764321	1796	4490	8221		
269.9986	23:06	23:08	-2	1.013	57564988	14061510	1387	3467	10138	1.06(0.88-1.20)	
PCB-37L											
268.0016	27:08	27:10	-2	1.190	14233329	3063659	1796	4490	1706		
269.9986	27:08	27:10	-2	1.190	13298041	2888683	1387	3467	2083	1.07(0.88-1.20)	
PCB-19											
255.9613	17:20	17:21	-2	1.002	21787879	6132776	147	367	41720		
257.9584	17:20	17:21	-2	1.002	20578934	5738317	91	227	63058	1.06(0.88-1.20)	
PCB-18											M
255.9613	19:06	19:08	-2	1.104	61848445	10003071	147	367	68048		M
257.9584	19:06	19:08	-2	1.104	57634685	9440044	91	227	103737	1.07(0.88-1.20)	M
PCB-30 (C18)											M
255.9613	19:06	19:08	-2	1.104	61848445	10003071	147	367	68048		M
257.9584	19:06	19:08	-2	1.104	57634685	9440044	91	227	103737	1.07(0.88-1.20)	M
PCB-17											
255.9613	19:35	19:37	-2	1.132	21025267	5351505	147	367	36405		
257.9584	19:35	19:37	-2	1.132	19835858	5040200	91	227	55387	1.06(0.88-1.20)	
PCB-27											
255.9613	19:48	19:51	-2	1.145	30861614	7973139	147	367	54239		
257.9584	19:48	19:51	-2	1.145	28992033	7470844	91	227	82097	1.06(0.88-1.20)	
PCB-24											
255.9613	19:56	19:58	-2	1.152	30923120	8009782	147	367	54488		
257.9584	19:56	19:58	-2	1.152	29185959	7542566	91	227	82885	1.06(0.88-1.20)	
PCB-16											
255.9613	20:04	20:06	-2	1.160	20479839	5125097	147	367	34865		
257.9584	20:04	20:06	-2	1.160	19318261	4739618	91	227	52084	1.06(0.88-1.20)	
PCB-32											
255.9613	20:34	20:36	-2	1.189	33691387	8404618	147	367	57174		
257.9584	20:34	20:36	-2	1.189	32071541	7976517	91	227	87654	1.05(0.88-1.20)	
PCB-34											
255.9613	21:48	21:51	-2	1.261	57860486	14418152	36713	91782	393		
257.9584	21:48	21:51	-2	1.261	54665009	13672282	36681	91702	373	1.06(0.88-1.20)	
PCB-23											
255.9613	21:57	21:59	-2	1.269	57763616	13932264	36713	91782	379		
257.9584	21:57	21:59	-2	1.269	55272912	13381722	36681	91702	365	1.05(0.88-1.20)	
PCB-26											
255.9613	22:17	22:18	-2	1.288	123657841	29967336	36713	91782	816		
257.9584	22:17	22:18	-2	1.288	118003830	28644186	36681	91702	781	1.05(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:17	22:18	-2	1.288	123657841	29967336	36713	91782	816		
257.9584	22:17	22:18	-2	1.288	118003830	28644186	36681	91702	781	1.05(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											
255.9613	22:31	22:32	-2	0.830	73779531	16973544	36713	91782	462		
257.9584	22:31	22:32	-2	0.830	70474039	16254298	36681	91702	443	1.05(0.88-1.20)	
PCB-31											
255.9613	22:50	22:51	-2	0.841	70203274	17149416	36713	91782	467		
257.9584	22:50	22:51	-2	0.841	66948135	16351834	36681	91702	446	1.05(0.88-1.20)	
PCB-20											
255.9613	23:08	23:10	-2	0.853	132179403	22412008	36713	91782	610		
257.9584	23:08	23:10	-2	0.853	125659329	21339226	36681	91702	582	1.05(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:08	23:10	-2	0.853	132179403	22412008	36713	91782	610		
257.9584	23:08	23:10	-2	0.853	125659329	21339226	36681	91702	582	1.05(0.88-1.20)	
PCB-21											M
255.9613	23:18	23:20	-2	0.859	130679005	16685945	36713	91782	454		M
257.9584	23:18	23:20	-2	0.859	122246383	15654193	36681	91702	427	1.07(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:18	23:20	-2	0.859	130679005	16685945	36713	91782	454		M
257.9584	23:18	23:20	-2	0.859	122246383	15654193	36681	91702	427	1.07(0.88-1.20)	M
PCB-22											
255.9613	23:46	23:48	-2	0.876	68274057	16189952	36713	91782	441		
257.9584	23:46	23:48	-2	0.876	66407295	15490394	36681	91702	422	1.03(0.88-1.20)	
PCB-36											M
255.9613	25:19	25:21	-2	0.933	71751680	16455687	36713	91782	448		M
257.9584	25:19	25:21	-2	0.933	68682517	15643924	36681	91702	426	1.04(0.88-1.20)	M
PCB-39											
255.9613	25:40	25:43	-2	0.946	65772245	14919804	36713	91782	406		
257.9584	25:40	25:43	-2	0.946	63000840	14247700	36681	91702	388	1.04(0.88-1.20)	
PCB-38											
255.9613	26:15	26:17	-2	0.967	67090890	15193166	36713	91782	414		
257.9584	26:15	26:17	-2	0.967	63948801	14407330	36681	91702	393	1.05(0.88-1.20)	
PCB-35											M
255.9613	26:44	26:46	-2	0.985	62529640	14173717	36713	91782	386		M
257.9584	26:44	26:46	-2	0.985	59350673	13493470	36681	91702	368	1.05(0.88-1.20)	M
PCB-37											
255.9613	27:09	27:11	-2	1.000	63525696	13916486	36713	91782	379		
257.9584	27:09	27:11	-2	1.000	60452366	13297684	36681	91702	363	1.05(0.88-1.20)	
PCB-54L											
301.9626	20:24	20:25	-2	0.818	4119587	1019476	223	557	4572		
303.9597	20:24	20:25	-2	0.818	5117885	1267958	66	165	19211	0.80(0.65-0.89)	
PCB-52L											
301.9626	24:57	24:58	-2		6894448	1562033	998	2495	1565		
303.9597	24:57	24:58	-2		8612332	1959729	947	2367	2069	0.80(0.65-0.89)	
PCB-79L											
301.9626	32:52	32:54	-2	0.970	38205520	8165689	998	2495	8182		
303.9597	32:52	32:54	-2	0.970	48119908	10324557	947	2367	10902	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-81L											
301.9626	33:53	33:55	-2	1.358	9668199	1990322	998	2495	1994		
303.9597	33:53	33:55	-2	1.358	11907973	2494252	947	2367	2634	0.81(0.65-0.89)	
PCB-77L											
301.9626	34:27	34:29	-2	1.382	10414351	2111459	998	2495	2116		
303.9597	34:27	34:29	-2	1.382	12919560	2607194	947	2367	2753	0.81(0.65-0.89)	
PCB-54											
289.9224	20:25	20:27	-2	1.000	19611820	4878192	114	285	42791		
291.9194	20:25	20:27	-2	1.000	25442723	6285564	244	610	25761	0.77(0.65-0.89)	
PCB-50											
289.9224	22:34	22:36	-2	1.106	60372227	14588447	19278	48195	757		
291.9194	22:34	22:36	-2	1.106	77244506	18758252	20926	52315	896	0.78(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:34	22:36	-2	1.106	60372227	14588447	19278	48195	757		
291.9194	22:34	22:36	-2	1.106	77244506	18758252	20926	52315	896	0.78(0.65-0.89)	
PCB-45											M
289.9224	23:18	23:20	-2	1.143	54362107	7479339	19278	48195	388		M
291.9194	23:18	23:20	-2	1.143	69785226	9614896	20926	52315	459	0.78(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:18	23:20	-2	1.143	54362107	7479339	19278	48195	388		M
291.9194	23:18	23:20	-2	1.143	69785226	9614896	20926	52315	459	0.78(0.65-0.89)	M
PCB-46											
289.9224	23:34	23:36	-2	1.155	22960632	5515633	19278	48195	286		
291.9194	23:34	23:36	-2	1.155	29052254	7002520	20926	52315	335	0.79(0.65-0.89)	
PCB-52											
289.9224	24:57	25:00	-2	1.224	31780565	7544988	19278	48195	391		
291.9194	24:57	25:00	-2	1.224	40657444	9719342	20926	52315	464	0.78(0.65-0.89)	
PCB-43											M
289.9224	25:06	25:08	-2	1.231	69939082	9632848	19278	48195	500		M
291.9194	25:06	25:08	-2	1.231	89325876	12346408	20926	52315	590	0.78(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:06	25:08	-2	1.231	69939082	9632848	19278	48195	500		M
291.9194	25:06	25:08	-2	1.231	89325876	12346408	20926	52315	590	0.78(0.65-0.89)	M
PCB-49											M
289.9224	25:23	25:24	-2	1.245	69661395	9532496	19278	48195	494		M
291.9194	25:23	25:24	-2	1.245	89439105	12082216	20926	52315	577	0.78(0.65-0.89)	M
PCB-69 (C49)											M
289.9224	25:23	25:24	-2	1.245	69661395	9532496	19278	48195	494		M
291.9194	25:23	25:24	-2	1.245	89439105	12082216	20926	52315	577	0.78(0.65-0.89)	M
PCB-48											
289.9224	25:43	25:45	-2	1.262	28332088	6637488	19278	48195	344		
291.9194	25:43	25:45	-2	1.262	36202010	8485521	20926	52315	406	0.78(0.65-0.89)	
PCB-44											
289.9224	25:58	26:00	-2	1.273	103557637	20881449	19278	48195	1083		
291.9194	25:58	26:00	-2	1.273	133151139	26975799	20926	52315	1289	0.78(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-47 (C44)											
289.9224	25:58	26:00	-2	1.273	103557637	20881449	19278	48195	1083		
291.9194	25:58	26:00	-2	1.273	133151139	26975799	20926	52315	1289	0.78(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:58	26:00	-2	1.273	103557637	20881449	19278	48195	1083		
291.9194	25:58	26:00	-2	1.273	133151139	26975799	20926	52315	1289	0.78(0.65-0.89)	
PCB-59											
289.9224	26:17	26:19	-2	1.289	122661185	20124457	19278	48195	1044		
291.9194	26:17	26:19	-2	1.289	156933792	25864827	20926	52315	1236	0.78(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:17	26:19	-2	1.289	122661185	20124457	19278	48195	1044		
291.9194	26:17	26:19	-2	1.289	156933792	25864827	20926	52315	1236	0.78(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:17	26:19	-2	1.289	122661185	20124457	19278	48195	1044		
291.9194	26:17	26:19	-2	1.289	156933792	25864827	20926	52315	1236	0.78(0.65-0.89)	
PCB-42											
289.9224	26:30	26:31	-2	1.299	25804037	5858009	19278	48195	304		
291.9194	26:30	26:31	-2	1.299	32777283	7391872	20926	52315	353	0.79(0.65-0.89)	
PCB-40											M
289.9224	27:00	27:01	-2	1.324	89068753	15126608	19278	48195	785		M
291.9194	27:00	27:01	-2	1.324	114430540	19391528	20926	52315	927	0.78(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	27:00	27:01	-2	1.324	89068753	15126608	19278	48195	785		M
291.9194	27:00	27:01	-2	1.324	114430540	19391528	20926	52315	927	0.78(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	27:00	27:01	-2	1.324	89068753	15126608	19278	48195	785		M
291.9194	27:00	27:01	-2	1.324	114430540	19391528	20926	52315	927	0.78(0.65-0.89)	M
PCB-64											
289.9224	27:12	27:14	-2	1.334	39985363	8992400	19278	48195	466		
291.9194	27:12	27:14	-2	1.334	50843329	11366539	20926	52315	543	0.79(0.65-0.89)	
PCB-72											
289.9224	28:01	28:03	-2	0.827	45040269	10296934	19278	48195	534		
291.9194	28:01	28:03	-2	0.827	57767198	13192452	20926	52315	630	0.78(0.65-0.89)	
PCB-68											M
289.9224	28:18	28:20	-2	0.835	42316759	9321013	19278	48195	484		M
291.9194	28:18	28:20	-2	0.835	54148460	11940341	20926	52315	571	0.78(0.65-0.89)	M
PCB-57											
289.9224	28:43	28:46	-2	0.848	42163719	9511838	19278	48195	493		
291.9194	28:43	28:46	-2	0.848	53950649	12238685	20926	52315	585	0.78(0.65-0.89)	
PCB-58											
289.9224	28:59	29:00	-2	0.855	49652672	10761257	19278	48195	558		
291.9194	28:59	29:00	-2	0.855	63078597	13709179	20926	52315	655	0.79(0.65-0.89)	
PCB-67											
289.9224	29:08	29:10	-2	0.860	50846577	10874153	19278	48195	564		
291.9194	29:08	29:10	-2	0.860	64808463	13896571	20926	52315	664	0.78(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-63											
289.9224	29:24	29:26	-2	0.868	40515034	8687145	19278	48195	451		
291.9194	29:24	29:26	-2	0.868	51546736	11131003	20926	52315	532	0.79(0.65-0.89)	
PCB-61											
289.9224	29:46	29:47	-2	0.878	188421303	23118633	19278	48195	1199		
291.9194	29:45	29:47	-2	0.878	243014385	30003835	20926	52315	1434	0.78(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:46	29:47	-2	0.878	188421303	23118633	19278	48195	1199		
291.9194	29:45	29:47	-2	0.878	243014385	30003835	20926	52315	1434	0.78(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:46	29:47	-2	0.878	188421303	23118633	19278	48195	1199		
291.9194	29:45	29:47	-2	0.878	243014385	30003835	20926	52315	1434	0.78(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:46	29:47	-2	0.878	188421303	23118633	19278	48195	1199		
291.9194	29:45	29:47	-2	0.878	243014385	30003835	20926	52315	1434	0.78(0.65-0.89)	
PCB-66											
289.9224	30:04	30:06	-2	0.887	47669427	10011945	19278	48195	519		
291.9194	30:04	30:06	-2	0.887	61111207	12875387	20926	52315	615	0.78(0.65-0.89)	
PCB-55											
289.9224	30:15	30:16	-2	0.893	47479617	10351401	19278	48195	537		
291.9194	30:15	30:16	-2	0.893	60749577	13320571	20926	52315	637	0.78(0.65-0.89)	
PCB-56											
289.9224	30:45	30:48	-2	0.908	45786810	9946042	19278	48195	516		
291.9194	30:45	30:48	-2	0.908	58453451	12779255	20926	52315	611	0.78(0.65-0.89)	
PCB-60											
289.9224	30:58	31:00	-2	0.914	38443615	8269615	19278	48195	429		
291.9194	30:58	31:00	-2	0.914	49089254	10580770	20926	52315	506	0.78(0.65-0.89)	
PCB-80											
289.9224	31:21	31:22	-2	0.925	47649235	10123158	19278	48195	525		
291.9194	31:21	31:22	-2	0.925	59364952	12898237	20926	52315	616	0.80(0.65-0.89)	
PCB-79											
289.9224	32:54	32:55	-2	0.971	56329863	11460594	19278	48195	594		
291.9194	32:54	32:55	-2	0.971	72024226	14695301	20926	52315	702	0.78(0.65-0.89)	
PCB-78											
289.9224	33:28	33:29	-2	0.988	44457064	9346226	19278	48195	485		
291.9194	33:28	33:29	-2	0.988	57001380	12016076	20926	52315	574	0.78(0.65-0.89)	
PCB-81											
289.9224	33:54	33:56	-2	1.001	37490758	7601304	19278	48195	394		
291.9194	33:54	33:56	-2	1.001	47516976	9672883	20926	52315	462	0.79(0.65-0.89)	
PCB-77											
289.9224	34:29	34:31	-2	1.001	41079135	8538396	19278	48195	443		
291.9194	34:29	34:31	-2	1.001	52896885	10960976	20926	52315	524	0.78(0.65-0.89)	
PCB-104L											
337.9207	25:53	25:54	-2	0.814	8489978	1926525	168	420	11467		
339.9178	25:53	25:54	-2	0.814	5271383	1185820	108	270	10980	1.61(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-95L											
337.9207	28:52	28:53	-2	1.115	24611404	5416988	168	420	32244		
339.9178	28:52	28:53	-2	1.115	15409347	3394936	108	270	31435	1.60(1.32-1.78)	
PCB-101L											
337.9207	31:47	31:49	-2		7131188	1528672	168	420	9099		
339.9178	31:47	31:49	-2		4512399	965745	108	270	8942	1.58(1.32-1.78)	
PCB-111L											
337.9207	34:27	34:29	-2	1.084	36501793	7798825	168	420	46422		
339.9178	34:27	34:29	-2	1.084	22874691	4868722	108	270	45081	1.60(1.32-1.78)	
PCB-123L											
337.9207	36:26	36:28	-2	1.146	12090334	2485867	6257	15642	397		
339.9178	36:26	36:28	-2	1.146	7663029	1573922	4585	11462	343	1.58(1.32-1.78)	
PCB-118L											
337.9207	36:46	36:47	-2	1.157	12513074	2562116	6257	15642	409		
339.9178	36:46	36:47	-2	1.157	7883752	1610943	4585	11462	351	1.59(1.32-1.78)	
PCB-114L											
337.9207	37:17	37:20	-3	1.173	12521781	2510638	6257	15642	401		
339.9178	37:17	37:20	-3	1.173	7885622	1597956	4585	11462	349	1.59(1.32-1.78)	
PCB-105L											
337.9207	37:58	38:00	-2	1.195	12275989	2464247	6257	15642	394		
339.9178	37:58	38:00	-2	1.195	7697036	1543421	4585	11462	337	1.59(1.32-1.78)	
PCB-127L											
337.9207	39:25	39:27	-2		12386826	2502824	6257	15642	400		
339.9178	39:25	39:27	-2		7806409	1566357	4585	11462	342	1.59(1.32-1.78)	
PCB-126L											
337.9207	41:03	41:06	-3	1.292	12176662	2392283	6257	15642	382		
339.9178	41:03	41:06	-3	1.292	7745230	1518694	4585	11462	331	1.57(1.32-1.78)	
PCB-104											
325.8804	25:54	25:56	-2	1.001	34431401	7789182	126	315	61819		
327.8775	25:54	25:56	-2	1.001	21607638	4814985	139	347	34640	1.59(1.32-1.78)	
PCB-96											
325.8804	26:18	26:20	-2	1.016	39917177	9173687	126	315	72807		
327.8775	26:18	26:20	-2	1.016	25089449	5662853	139	347	40740	1.59(1.32-1.78)	
PCB-103											
325.8804	28:12	28:13	-2	1.090	28329873	6164016	126	315	48921		
327.8775	28:12	28:13	-2	1.090	17667299	3868696	139	347	27832	1.60(1.32-1.78)	
PCB-94											
325.8804	28:26	28:28	-2	1.099	23643742	5064968	126	315	40198		
327.8775	28:26	28:28	-2	1.099	14886383	3183893	139	347	22906	1.59(1.32-1.78)	
PCB-95											
325.8804	28:53	28:55	-2	1.116	27081815	5948164	126	315	47208		
327.8775	28:53	28:55	-2	1.116	16940027	3758985	139	347	27043	1.60(1.32-1.78)	
PCB-93											
325.8804	29:05	29:07	-2	1.124	53441959	9062282	126	315	71923		
327.8775	29:05	29:07	-2	1.124	33679489	5631087	139	347	40511	1.59(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-100 (C93)											
325.8804	29:05	29:07	-2	1.124	53441959	9062282	126	315	71923		
327.8775	29:05	29:07	-2	1.124	33679489	5631087	139	347	40511	1.59(1.32-1.78)	
PCB-98											M
325.8804	29:15	29:16	-2	1.130	62648143	7717190	126	315	61248		M
327.8775	29:15	29:16	-2	1.130	38369985	4769581	139	347	34314	1.63(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:15	29:16	-2	1.130	62648143	7717190	126	315	61248		M
327.8775	29:15	29:16	-2	1.130	38369985	4769581	139	347	34314	1.63(1.32-1.78)	M
PCB-88											
325.8804	29:45	29:46	-2	1.149	54117438	6240857	126	315	49531		
327.8775	29:45	29:46	-2	1.149	34171889	3925563	139	347	28241	1.58(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:45	29:46	-2	1.149	54117438	6240857	126	315	49531		
327.8775	29:45	29:46	-2	1.149	34171889	3925563	139	347	28241	1.58(1.32-1.78)	
PCB-84											
325.8804	29:59	30:01	-2	1.159	23602230	4897256	126	315	38867		
327.8775	29:59	30:01	-2	1.159	14910479	3092632	139	347	22249	1.58(1.32-1.78)	
PCB-89											
325.8804	30:28	30:29	-2	1.177	28326288	5929370	126	315	47058		
327.8775	30:28	30:29	-2	1.177	17542013	3703742	139	347	26646	1.61(1.32-1.78)	
PCB-121											
325.8804	30:49	30:51	-2	1.191	43745729	9349770	126	315	74205		
327.8775	30:49	30:51	-2	1.191	27402625	5773898	139	347	41539	1.60(1.32-1.78)	
PCB-92											
325.8804	31:13	31:16	-2	0.857	26494655	5564039	126	315	44159		
327.8775	31:13	31:16	-2	0.857	16720719	3528128	139	347	25382	1.58(1.32-1.78)	
PCB-90											
325.8804	31:47	31:49	-2	1.228	96524191	14764170	126	315	117176		
327.8775	31:47	31:49	-2	1.228	61022563	9186999	139	347	66094	1.58(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:47	31:49	-2	1.228	96524191	14764170	126	315	117176		
327.8775	31:47	31:49	-2	1.228	61022563	9186999	139	347	66094	1.58(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:47	31:49	-2	1.228	96524191	14764170	126	315	117176		
327.8775	31:47	31:49	-2	1.228	61022563	9186999	139	347	66094	1.58(1.32-1.78)	
PCB-83											
325.8804	32:23	32:25	-2	1.251	59573217	7963643	126	315	63204		
327.8775	32:23	32:25	-2	1.251	37484554	4960248	139	347	35685	1.59(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:23	32:25	-2	1.251	59573217	7963643	126	315	63204		
327.8775	32:23	32:25	-2	1.251	37484554	4960248	139	347	35685	1.59(1.32-1.78)	
PCB-112											
325.8804	32:30	32:32	-2	1.256	47841387	9786762	126	315	77673		
327.8775	32:30	32:32	-2	1.256	30027925	6115062	139	347	43993	1.59(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-86											M
325.8804	32:52	32:54	-2	1.270	220520164	23193053	126	315	184072		M
327.8775	32:52	32:54	-2	1.270	135447454	14283182	139	347	102757	1.63(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:52	32:54	-2	1.270	220520164	23193053	126	315	184072		M
327.8775	32:52	32:54	-2	1.270	135447454	14283182	139	347	102757	1.63(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:52	32:54	-2	1.270	220520164	23193053	126	315	184072		M
327.8775	32:52	32:54	-2	1.270	135447454	14283182	139	347	102757	1.63(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:52	32:54	-2	1.270	220520164	23193053	126	315	184072		M
327.8775	32:52	32:54	-2	1.270	135447454	14283182	139	347	102757	1.63(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:52	32:54	-2	1.270	220520164	23193053	126	315	184072		M
327.8775	32:52	32:54	-2	1.270	135447454	14283182	139	347	102757	1.63(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:52	32:54	-2	1.270	220520164	23193053	126	315	184072		M
327.8775	32:52	32:54	-2	1.270	135447454	14283182	139	347	102757	1.63(1.32-1.78)	M
PCB-85											
325.8804	33:36	33:38	-2	1.298	104167517	11429258	126	315	90708		
327.8775	33:36	33:38	-2	1.298	65257114	7158282	139	347	51498	1.60(1.32-1.78)	
PCB-116 (C85)											
325.8804	33:36	33:38	-2	1.298	104167517	11429258	126	315	90708		
327.8775	33:36	33:38	-2	1.298	65257114	7158282	139	347	51498	1.60(1.32-1.78)	
PCB-117 (C85)											
325.8804	33:36	33:38	-2	1.298	104167517	11429258	126	315	90708		
327.8775	33:36	33:38	-2	1.298	65257114	7158282	139	347	51498	1.60(1.32-1.78)	
PCB-110											
325.8804	33:50	33:52	-2	1.307	91703338	14184074	126	315	112572		
327.8775	33:50	33:52	-2	1.307	57337109	8841911	139	347	63611	1.60(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:50	33:52	-2	1.307	91703338	14184074	126	315	112572		
327.8775	33:50	33:52	-2	1.307	57337109	8841911	139	347	63611	1.60(1.32-1.78)	
PCB-82											
325.8804	34:08	34:10	-2	1.319	28687709	5487608	126	315	43552		
327.8775	34:07	34:10	-3	1.319	18143422	3454442	139	347	24852	1.58(1.32-1.78)	
PCB-111											
325.8804	34:29	34:31	-2	1.333	41098697	8598410	126	315	68241		
327.8775	34:29	34:31	-2	1.333	25862714	5365470	139	347	38601	1.59(1.32-1.78)	
PCB-120											
325.8804	34:57	34:58	-2	1.350	51012202	10531466	126	315	83583		
327.8775	34:57	34:58	-2	1.350	31905168	6535663	139	347	47019	1.60(1.32-1.78)	
PCB-108											
325.8804	36:06	36:08	-2	1.395	112387813	23180726	34046	85115	681		
327.8775	36:06	36:08	-2	1.395	70311607	14444497	20066	50165	720	1.60(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-124 (C108)											
325.8804	36:06	36:08	-2	1.395	112387813	23180726	34046	85115	681		
327.8775	36:06	36:08	-2	1.395	70311607	14444497	20066	50165	720	1.60(1.32-1.78)	
PCB-107											
325.8804	36:20	36:22	-2	1.404	61992667	11946934	34046	85115	351		
327.8775	36:20	36:22	-2	1.404	39011590	7455025	20066	50165	372	1.59(1.32-1.78)	
PCB-123											
325.8804	36:27	36:29	-2	1.001	49102440	10865334	34046	85115	319		
327.8775	36:27	36:29	-2	1.001	31019052	6813232	20066	50165	340	1.58(1.32-1.78)	
PCB-106											
325.8804	36:35	36:36	-2	1.004	59155952	12169654	34046	85115	357		
327.8775	36:35	36:36	-2	1.004	37350212	7668102	20066	50165	382	1.58(1.32-1.78)	
PCB-118											M
325.8804	36:47	36:49	-2	1.001	51714197	10735286	34046	85115	315		M
327.8775	36:47	36:49	-2	1.001	32783527	6789360	20066	50165	338	1.58(1.32-1.78)	M
PCB-122											
325.8804	37:08	37:11	-3	1.010	45372091	9216438	34046	85115	271		
327.8775	37:08	37:11	-3	1.010	28653945	5773968	20066	50165	288	1.58(1.32-1.78)	
PCB-114											
325.8804	37:19	37:21	-2	1.001	53647772	10583990	34046	85115	311		
327.8775	37:19	37:21	-2	1.001	33829772	6592210	20066	50165	329	1.59(1.32-1.78)	
PCB-105											M
325.8804	37:59	38:02	-3	1.000	51852013	10297782	34046	85115	302		M
327.8775	37:59	38:02	-3	1.000	32862587	6490849	20066	50165	323	1.58(1.32-1.78)	M
PCB-127											M
325.8804	39:27	39:28	-2	1.039	58160100	11501494	34046	85115	338		M
327.8775	39:27	39:28	-2	1.039	36514646	7129005	20066	50165	355	1.59(1.32-1.78)	M
PCB-126											
325.8804	41:05	41:06	-2	1.001	60028107	11375049	34046	85115	334		
327.8775	41:05	41:06	-2	1.001	37905840	7182607	20066	50165	358	1.58(1.32-1.78)	
PCB-155L											
371.8817	31:31	31:32	-2	0.790	7287222	1541763	152	380	10143		
373.8788	31:31	31:32	-2	0.790	5827443	1226639	125	312	9813	1.25(1.05-1.43)	
PCB-153L											
371.8817	38:38	38:40	-2	0.901	30746236	6103563	3652	9130	1671		
373.8788	38:38	38:40	-2	0.901	23847883	4711537	2656	6640	1774	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:53	39:55	-2		7982910	1595083	3652	9130	437		
373.8788	39:53	39:55	-2		6214276	1247796	2656	6640	470	1.28(1.05-1.43)	
PCB-167L											
371.8817	42:53	42:55	-2	1.075	10130239	2000416	3652	9130	548		
373.8788	42:53	42:55	-2	1.075	7841158	1572945	2656	6640	592	1.29(1.05-1.43)	
PCB-156L											
371.8817	44:05	44:06	-1	1.105	20122767	2452759	3652	9130	672		
373.8788	44:05	44:06	0	1.105	15630733	1893617	2656	6640	713	1.29(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-157L (C156L)											
371.8817	44:05	44:06	-1	1.105	20122767	2452759	3652	9130	672		
373.8788	44:05	44:06	0	1.105	15630733	1893617	2656	6640	713	1.29(1.05-1.43)	
PCB-169L											
371.8817	47:19	47:21	-2	1.186	10543532	2000277	3652	9130	548		
373.8788	47:19	47:21	-2	1.186	8230908	1581960	2656	6640	596	1.28(1.05-1.43)	
PCB-155											
359.8415	31:32	31:34	-2	1.001	26952920	5755979	156	390	36897		
361.8385	31:32	31:34	-2	1.001	21366602	4567581	121	302	37749	1.26(1.05-1.43)	
PCB-152											
359.8415	31:47	31:49	-2	1.009	34024092	7248226	156	390	46463		
361.8385	31:47	31:49	-2	1.009	26791510	5734533	121	302	47393	1.27(1.05-1.43)	
PCB-150											
359.8415	31:56	31:58	-2	1.013	29563204	6277442	156	390	40240		
361.8385	31:56	31:58	-2	1.013	23264717	4888146	121	302	40398	1.27(1.05-1.43)	
PCB-136											
359.8415	32:20	32:22	-2	1.026	28060218	5808661	156	390	37235		
361.8385	32:20	32:22	-2	1.026	22050765	4580564	121	302	37856	1.27(1.05-1.43)	
PCB-145											
359.8415	32:36	32:38	-2	1.035	31729048	6591338	156	390	42252		
361.8385	32:36	32:38	-2	1.035	25115350	5209091	121	302	43050	1.26(1.05-1.43)	
PCB-148											
359.8415	34:05	34:08	-3	1.082	21794952	4445549	156	390	28497		
361.8385	34:05	34:08	-3	1.082	17197293	3507523	121	302	28988	1.27(1.05-1.43)	
PCB-135											
359.8415	34:46	34:48	-2	1.103	43095097	4917605	156	390	31523		
361.8385	34:46	34:48	-2	1.103	34012075	3908545	121	302	32302	1.27(1.05-1.43)	
PCB-151 (C135)											
359.8415	34:46	34:48	-2	1.103	43095097	4917605	156	390	31523		
361.8385	34:46	34:48	-2	1.103	34012075	3908545	121	302	32302	1.27(1.05-1.43)	
PCB-154											
359.8415	34:57	34:58	-2	1.109	24047207	4954307	156	390	31758		
361.8385	34:57	34:58	-2	1.109	19012066	3887594	121	302	32129	1.26(1.05-1.43)	
PCB-144											
359.8415	35:16	35:18	-2	1.119	21418750	4366627	156	390	27991		
361.8385	35:16	35:18	-2	1.119	16985622	3459929	121	302	28594	1.26(1.05-1.43)	
PCB-147											
359.8415	35:39	35:40	-2	1.131	71884277	14190459	21377	53442	664		
361.8385	35:38	35:40	-3	1.131	56757191	11240495	11852	29630	948	1.27(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:39	35:40	-2	1.131	71884277	14190459	21377	53442	664		
361.8385	35:38	35:40	-3	1.131	56757191	11240495	11852	29630	948	1.27(1.05-1.43)	
PCB-134											
359.8415	35:57	35:58	-2	1.141	54554923	6201307	21377	53442	290		
361.8385	35:57	35:58	-2	1.141	43415235	4935088	11852	29630	416	1.26(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-143 (C134)											
359.8415	35:57	35:58	-2	1.141	54554923	6201307	21377	53442	290		
361.8385	35:57	35:58	-2	1.141	43415235	4935088	11852	29630	416	1.26(1.05-1.43)	
PCB-139											
359.8415	36:13	36:15	-2	1.149	68106744	12253307	21377	53442	573		
361.8385	36:13	36:15	-2	1.149	54017461	9697839	11852	29630	818	1.26(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:13	36:15	-2	1.149	68106744	12253307	21377	53442	573		
361.8385	36:13	36:15	-2	1.149	54017461	9697839	11852	29630	818	1.26(1.05-1.43)	
PCB-131											
359.8415	36:27	36:28	-2	1.157	27246491	5675429	21377	53442	265		
361.8385	36:27	36:28	-2	1.157	21701723	4556554	11852	29630	384	1.26(1.05-1.43)	
PCB-142											
359.8415	36:35	36:37	-2	1.161	27933472	5719524	21377	53442	268		
361.8385	36:35	36:37	-2	1.161	22186446	4541174	11852	29630	383	1.26(1.05-1.43)	
PCB-132											
359.8415	36:55	36:58	-3	1.172	28601682	5780592	21377	53442	270		
361.8385	36:55	36:58	-3	1.172	22720773	4599352	11852	29630	388	1.26(1.05-1.43)	
PCB-133											
359.8415	37:23	37:25	-2	1.187	31385139	6387031	21377	53442	299		
361.8385	37:23	37:25	-2	1.187	24950206	5064971	11852	29630	427	1.26(1.05-1.43)	
PCB-165											
359.8415	37:47	37:49	-2	0.881	37990857	7739548	21377	53442	362		
361.8385	37:47	37:49	-2	0.881	30133856	6130010	11852	29630	517	1.26(1.05-1.43)	
PCB-146											
359.8415	38:02	38:04	-2	0.887	36521218	7709134	21377	53442	361		
361.8385	38:02	38:04	-2	0.887	29115495	6131417	11852	29630	517	1.25(1.05-1.43)	
PCB-161											
359.8415	38:09	38:12	-3	0.890	47173580	9442941	21377	53442	442		
361.8385	38:09	38:12	-3	0.890	37277280	7412463	11852	29630	625	1.27(1.05-1.43)	
PCB-153											
359.8415	38:40	38:42	-2	0.902	85827924	13902717	21377	53442	650		
361.8385	38:40	38:42	-2	0.902	67725885	11005743	11852	29630	929	1.27(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:40	38:42	-2	0.902	85827924	13902717	21377	53442	650		
361.8385	38:40	38:42	-2	0.902	67725885	11005743	11852	29630	929	1.27(1.05-1.43)	
PCB-141											
359.8415	38:52	38:54	-2	0.906	31298134	6026695	21377	53442	282		
361.8385	38:52	38:54	-2	0.906	24920210	4825814	11852	29630	407	1.26(1.05-1.43)	
PCB-130											
359.8415	39:16	39:18	-2	0.916	25126362	5176460	21377	53442	242		
361.8385	39:16	39:18	-2	0.916	20048746	4109594	11852	29630	347	1.25(1.05-1.43)	
PCB-137											
359.8415	39:29	39:31	-2	0.921	30573212	6217968	21377	53442	291		
361.8385	39:29	39:31	-2	0.921	24442037	4932760	11852	29630	416	1.25(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-164											
359.8415	39:37	39:39	-2	0.924	44328671	9088125	21377	53442	425		
361.8385	39:37	39:39	-2	0.924	35113714	7236438	11852	29630	611	1.26(1.05-1.43)	
PCB-129											M
359.8415	39:56	39:57	-1	0.931	143533959	16782489	21377	53442	785		M
361.8385	39:55	39:57	-2	0.931	114043980	13367737	11852	29630	1128	1.26(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:56	39:57	-1	0.931	143533959	16782489	21377	53442	785		M
361.8385	39:55	39:57	-2	0.931	114043980	13367737	11852	29630	1128	1.26(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:56	39:57	-1	0.931	143533959	16782489	21377	53442	785		M
361.8385	39:55	39:57	-2	0.931	114043980	13367737	11852	29630	1128	1.26(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:56	39:57	-1	0.931	143533959	16782489	21377	53442	785		M
361.8385	39:55	39:57	-2	0.931	114043980	13367737	11852	29630	1128	1.26(1.05-1.43)	M
PCB-158											
359.8415	40:18	40:20	-2	0.940	45390147	8770941	21377	53442	410		
361.8385	40:18	40:20	-2	0.940	36071461	6968846	11852	29630	588	1.26(1.05-1.43)	
PCB-128											
359.8415	41:08	41:10	-2	0.959	77121981	10256765	21377	53442	480		
361.8385	41:08	41:10	-2	0.959	61247699	8034172	11852	29630	678	1.26(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:08	41:10	-2	0.959	77121981	10256765	21377	53442	480		
361.8385	41:08	41:10	-2	0.959	61247699	8034172	11852	29630	678	1.26(1.05-1.43)	
PCB-159											
359.8415	42:08	42:10	-2	0.983	52683198	10546557	21377	53442	493		
361.8385	42:08	42:10	-2	0.983	41812969	8411695	11852	29630	710	1.26(1.05-1.43)	
PCB-162											M
359.8415	42:27	42:28	-2	0.990	43277355	8577915	21377	53442	401		M
361.8385	42:27	42:28	-2	0.990	34406413	6803481	11852	29630	574	1.26(1.05-1.43)	M
PCB-167											
359.8415	42:55	42:57	-2	1.001	43625321	8676575	21377	53442	406		
361.8385	42:55	42:57	-2	1.001	34944064	6917971	11852	29630	584	1.25(1.05-1.43)	
PCB-156											
359.8415	44:05	44:07	-2	1.000	84214132	10299315	21377	53442	482		
361.8385	44:05	44:07	-2	1.000	66800003	8171547	11852	29630	689	1.26(1.05-1.43)	
PCB-157 (C156)											
359.8415	44:05	44:07	-2	1.000	84214132	10299315	21377	53442	482		
361.8385	44:05	44:07	-2	1.000	66800003	8171547	11852	29630	689	1.26(1.05-1.43)	
PCB-169											
359.8415	47:20	47:21	-1	1.001	51712765	9575150	21377	53442	448		
361.8385	47:20	47:21	-2	1.000	40603791	7525357	11852	29630	635	1.27(1.05-1.43)	
PCB-188L											
405.8428	37:16	37:17	-2	0.820	7320713	1477274	143	357	10331		
407.8398	37:16	37:17	-2	0.820	6925180	1402255	111	277	12633	1.06(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-178L											
405.8428	40:20	40:21	-2	0.887	21450056	4329135	143	357	30274		
407.8398	40:20	40:21	-2	0.887	20056234	4064626	111	277	36618	1.07(0.89-1.21)	
PCB-180L											
405.8428	45:27	45:28	-2		5903501	1151344	143	357	8051		
407.8398	45:26	45:28	-3		5499837	1067722	111	277	9619	1.07(0.89-1.21)	
PCB-170L											
405.8428	46:43	46:45	-2	1.028	4936388	960609	143	357	6718		
407.8398	46:43	46:45	-2	1.028	4675416	908234	111	277	8182	1.06(0.89-1.21)	
PCB-189L											
405.8428	49:50	49:51	-2	1.096	11475975	2228738	991	2477	2249		
407.8398	49:50	49:51	-2	1.096	10770268	2090255	834	2085	2506	1.07(0.89-1.21)	
PCB-188											
393.8025	37:17	37:19	-2	1.001	31542382	6440556	93	232	69253		
395.7995	37:17	37:19	-2	1.001	30066703	6130974	99	247	61929	1.05(0.89-1.21)	
PCB-179											
393.8025	37:39	37:41	-2	1.011	34152063	6868258	93	232	73852		
395.7995	37:39	37:41	-2	1.011	32623436	6559216	99	247	66255	1.05(0.89-1.21)	
PCB-184											
393.8025	38:08	38:10	-2	1.024	32220852	6515663	93	232	70061		
395.7995	38:08	38:10	-2	1.024	30604909	6242310	99	247	63054	1.05(0.89-1.21)	
PCB-176											
393.8025	38:31	38:34	-3	1.034	29205830	5764226	93	232	61981		
395.7995	38:31	38:34	-3	1.034	27669256	5478379	99	247	55337	1.06(0.89-1.21)	
PCB-186											
393.8025	38:59	39:01	-2	1.046	36336960	7302356	93	232	78520		
395.7995	38:59	39:01	-2	1.046	34725954	6972208	99	247	70426	1.05(0.89-1.21)	
PCB-178											
393.8025	40:21	40:23	-2	1.083	22305962	4481904	93	232	48193		
395.7995	40:21	40:23	-2	1.083	20905874	4222226	99	247	42649	1.07(0.89-1.21)	
PCB-175											
393.8025	40:59	41:01	-2	1.100	21900197	4370977	93	232	47000		
395.7995	40:59	41:01	-2	1.100	20799122	4174650	99	247	42168	1.05(0.89-1.21)	
PCB-187											
393.8025	41:16	41:17	-2	1.107	27715914	5618554	93	232	60415		
395.7995	41:16	41:17	-2	1.107	26284288	5271604	99	247	53249	1.05(0.89-1.21)	
PCB-182											
393.8025	41:27	41:29	-2	1.113	26935271	5326790	93	232	57277		
395.7995	41:27	41:29	-2	1.113	25556718	5135864	99	247	51877	1.05(0.89-1.21)	
PCB-183											M
393.8025	41:52	41:54	-2	1.124	46472730	4926917	93	232	52978		M
395.7995	41:52	41:54	-2	1.124	43668569	4682076	99	247	47294	1.06(0.89-1.21)	M
PCB-185 (C183)											M
393.8025	41:52	41:54	-2	1.124	46472730	4926917	93	232	52978		M
395.7995	41:52	41:54	-2	1.124	43668569	4682076	99	247	47294	1.06(0.89-1.21)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-174											
393.8025	42:08	42:09	-2	1.131	24506171	4746664	93	232	51039		
395.7995	42:08	42:09	-2	1.131	23318427	4510093	99	247	45557	1.05(0.89-1.21)	
PCB-177											
393.8025	42:34	42:36	-2	1.142	23878656	4544138	93	232	48862		
395.7995	42:34	42:36	-2	1.142	22704174	4305515	99	247	43490	1.05(0.89-1.21)	
PCB-181											
393.8025	42:57	42:58	-2	1.153	25414722	5078282	93	232	54605		
395.7995	42:57	42:58	-2	1.153	24436418	4913336	99	247	49630	1.04(0.89-1.21)	
PCB-171											
393.8025	43:11	43:13	-2	1.159	44119153	8019462	93	232	86231		
395.7995	43:11	43:13	-2	1.159	42135733	7665282	99	247	77427	1.05(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:11	43:13	-2	1.159	44119153	8019462	93	232	86231		
395.7995	43:11	43:13	-2	1.159	42135733	7665282	99	247	77427	1.05(0.89-1.21)	
PCB-172											
393.8025	44:49	44:51	-2	0.899	22514426	4423360	93	232	47563		
395.7995	44:49	44:51	-2	0.899	21580270	4267462	99	247	43106	1.04(0.89-1.21)	
PCB-192											
393.8025	45:05	45:06	-2	0.905	34491065	6793123	93	232	73044		
395.7995	45:05	45:06	-2	0.905	32717625	6428466	99	247	64934	1.05(0.89-1.21)	
PCB-180											
393.8025	45:26	45:28	-2	0.912	57306905	7611823	93	232	81848		
395.7995	45:26	45:28	-2	0.912	54729028	7274452	99	247	73479	1.05(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:26	45:28	-2	0.912	57306905	7611823	93	232	81848		
395.7995	45:26	45:28	-2	0.912	54729028	7274452	99	247	73479	1.05(0.89-1.21)	
PCB-191											
393.8025	45:49	45:51	-2	0.919	31007139	6096558	93	232	65554		
395.7995	45:49	45:51	-2	0.919	29392945	5782694	99	247	58411	1.05(0.89-1.21)	
PCB-170											
393.8025	46:45	46:46	-1	0.938	21391272	4101616	93	232	44103		
395.7995	46:45	46:46	-1	0.938	20277728	3881421	99	247	39206	1.05(0.89-1.21)	
PCB-190											
393.8025	47:16	47:17	-1	0.948	32114812	5959081	93	232	64076		
395.7995	47:16	47:17	-1	0.948	30560694	5660390	99	247	57176	1.05(0.89-1.21)	
PCB-189											
393.8025	49:51	49:53	-2	1.001	45544410	8942907	2068	5170	4324		
395.7995	49:51	49:53	-2	1.001	43609274	8479758	1879	4697	4513	1.04(0.89-1.21)	
PCB-202L											
439.8038	42:38	42:40	-2	0.821	5630933	1101515	109	272	10106		
441.8008	42:38	42:40	-2	0.821	6195667	1226321	131	327	9361	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:56	51:57	-2		7051664	1360660	334	835	4074		
441.8008	51:56	51:57	-2		7665397	1480692	255	637	5807	0.92(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-205L											
439.8038	52:24	52:25	-1	1.009	8554137	1598511	334	835	4786		
441.8008	52:23	52:25	-2	1.009	9437655	1760122	255	637	6902	0.91(0.76-1.02)	
PCB-202											
427.7635	42:40	42:42	-2	1.001	22427114	4402701	161	402	27346		
429.7606	42:40	42:42	-2	1.001	25046784	4852840	74	185	65579	0.90(0.76-1.02)	
PCB-201											
427.7635	43:35	43:37	-2	1.022	21041901	4141274	161	402	25722		
429.7606	43:35	43:37	-2	1.022	23319826	4567222	74	185	61719	0.90(0.76-1.02)	
PCB-204											
427.7635	44:15	44:17	-2	1.038	24496430	4828978	161	402	29994		
429.7606	44:15	44:17	-2	1.038	27106997	5349591	74	185	72292	0.90(0.76-1.02)	
PCB-197											
427.7635	44:29	44:31	-2	1.043	23246919	4584958	161	402	28478		
429.7606	44:29	44:31	-2	1.043	25771302	5088767	74	185	68767	0.90(0.76-1.02)	
PCB-200											
427.7635	44:37	44:39	-2	1.046	22484197	4360089	161	402	27081		
429.7606	44:37	44:39	-2	1.046	24845484	4825103	74	185	65204	0.90(0.76-1.02)	
PCB-198											
427.7635	47:23	47:25	-2	1.111	39073402	4823893	161	402	29962		
429.7606	47:23	47:25	-2	1.111	43466091	5389283	74	185	72828	0.90(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:23	47:25	-2	1.111	39073402	4823893	161	402	29962		
429.7606	47:23	47:25	-2	1.111	43466091	5389283	74	185	72828	0.90(0.76-1.02)	
PCB-196											
427.7635	48:05	48:06	-2	0.917	17315266	3393095	161	402	21075		
429.7606	48:05	48:06	-2	0.917	19314659	3758275	74	185	50788	0.90(0.76-1.02)	
PCB-203											
427.7635	48:16	48:17	-1	0.921	21832906	4130815	161	402	25657		
429.7606	48:16	48:17	-2	0.921	24112997	4537907	74	185	61323	0.91(0.76-1.02)	
PCB-195											
427.7635	49:36	49:38	-2	0.947	28341616	5456509	1944	4860	2807		
429.7606	49:36	49:38	-2	0.947	31770203	6132854	1950	4875	3145	0.89(0.76-1.02)	
PCB-194											
427.7635	51:57	51:59	-2	0.991	31787548	6191241	1944	4860	3185		
429.7606	51:57	51:59	-2	0.991	35594810	6973531	1950	4875	3576	0.89(0.76-1.02)	
PCB-205											
427.7635	52:25	52:27	-2	1.000	37786457	7263078	1944	4860	3736		
429.7606	52:25	52:27	-2	1.000	42124563	8062681	1950	4875	4135	0.90(0.76-1.02)	
PCB-208L											
473.7648	49:20	49:21	-2	0.950	6755714	1288837	844	2110	1527		
475.7619	49:20	49:21	-2	0.950	8456682	1638241	857	2142	1912	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:08	54:10	-2	1.042	4849285	923563	844	2110	1094		
475.7619	54:08	54:10	-2	1.042	5998844	1143498	857	2142	1334	0.81(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-208											
461.7246	49:21	49:22	-1	1.001	27222974	5257719	19383	48457	271		
463.7216	49:21	49:22	-1	1.001	34637998	6716925	24713	61782	272	0.79(0.65-0.89)	
PCB-207											
461.7246	50:16	50:18	-2	1.019	27944834	5441186	19383	48457	281		
463.7216	50:16	50:18	-2	1.019	35640662	7040600	24713	61782	285	0.78(0.65-0.89)	
PCB-206											
461.7246	54:09	54:11	-2	1.000	23581499	4545770	19383	48457	235		
463.7216	54:09	54:11	-2	1.000	29901671	5770986	24713	61782	234	0.79(0.65-0.89)	
PCB-209L											
507.7258	55:44	55:46	-2	1.073	4686514	843689	174	435	4849		
509.7229	55:44	55:46	-2	1.073	6487716	1154233	217	542	5319	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:45	55:47	-2	1.000	18478647	3341111	151	377	22127		
497.6826	55:45	55:47	-2	1.000	26197178	4717828	136	340	34690	0.71(0.59-0.79)	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

61L41668P_00004 Amount Added: 20.00 Units: uL

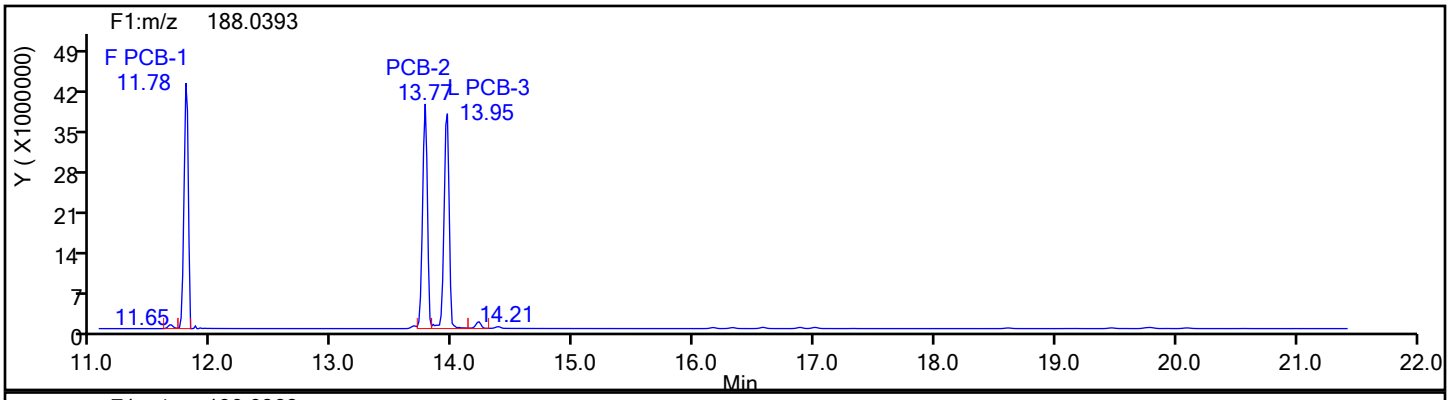
Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

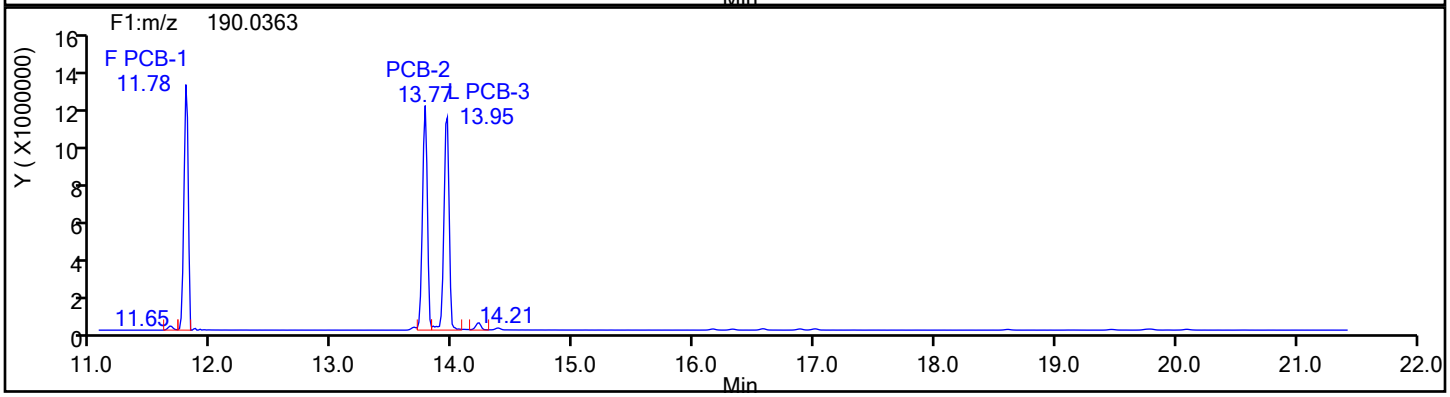
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

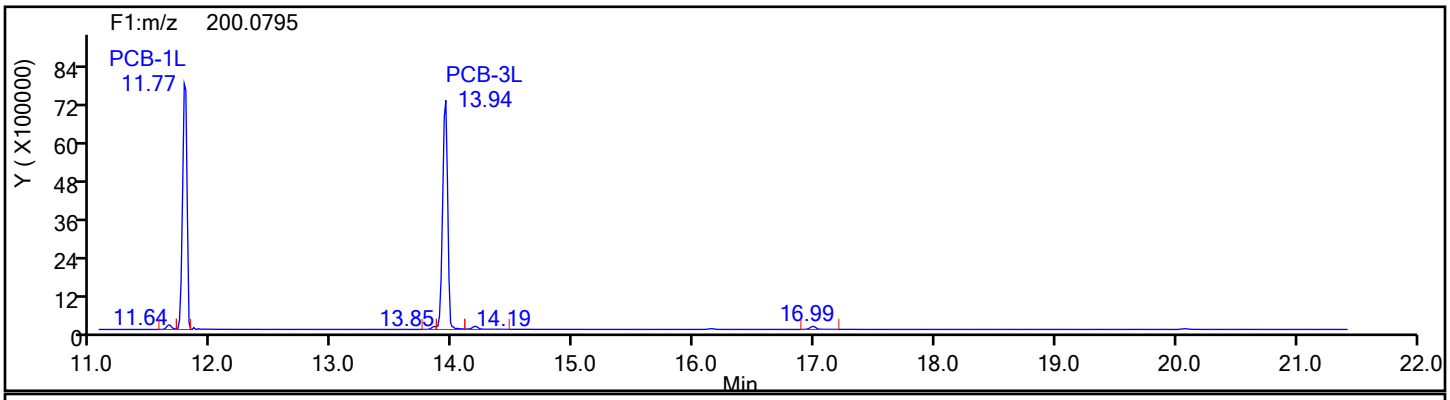
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

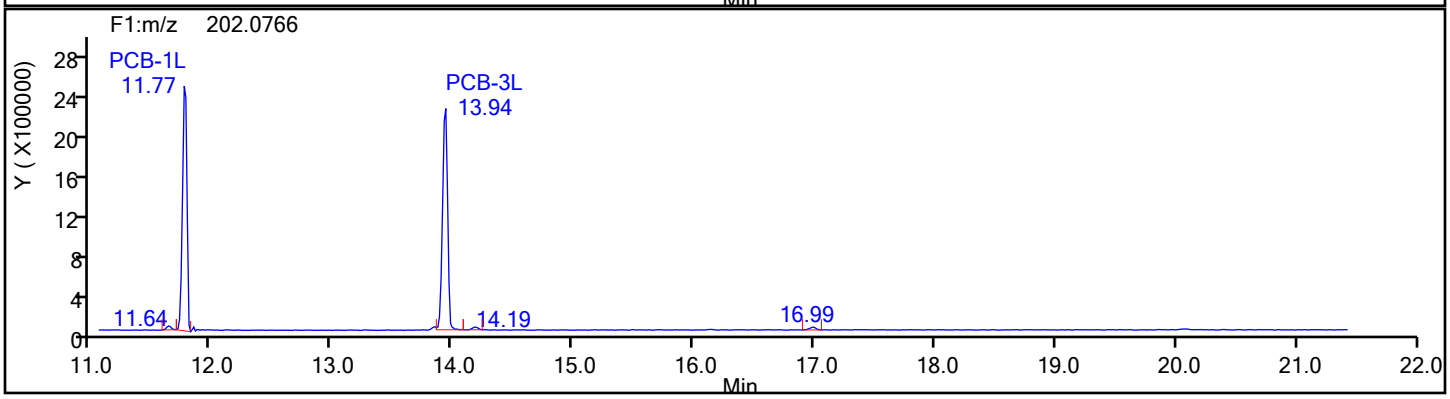
MoPCB F1





MoPCB F1 Standards



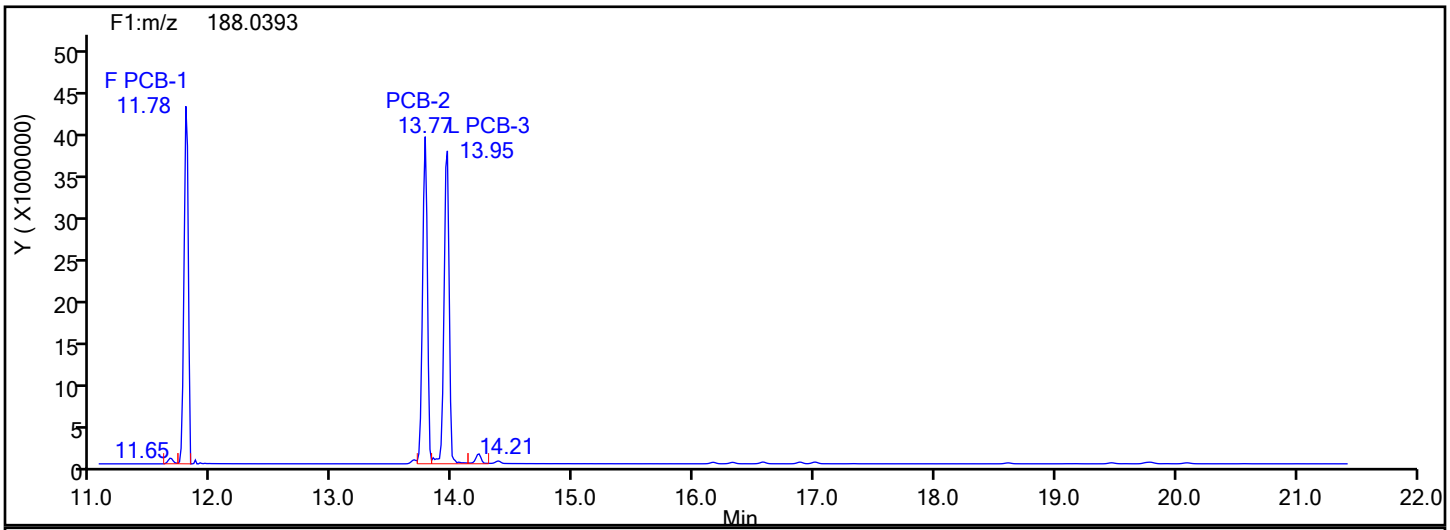


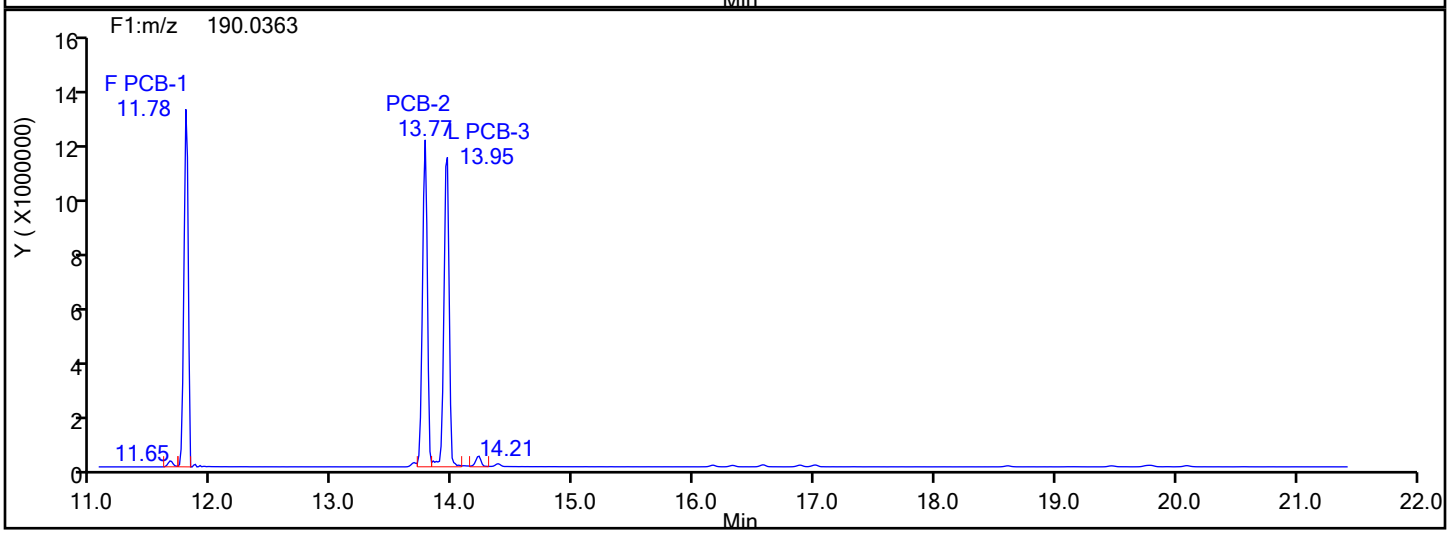
Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

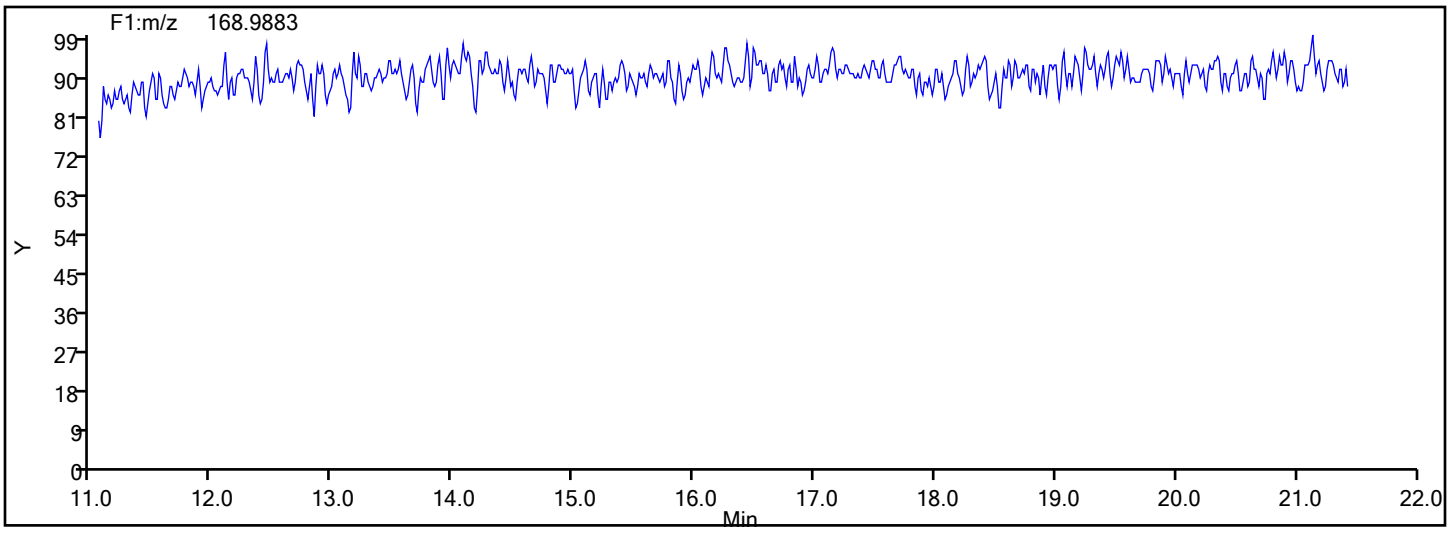
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass

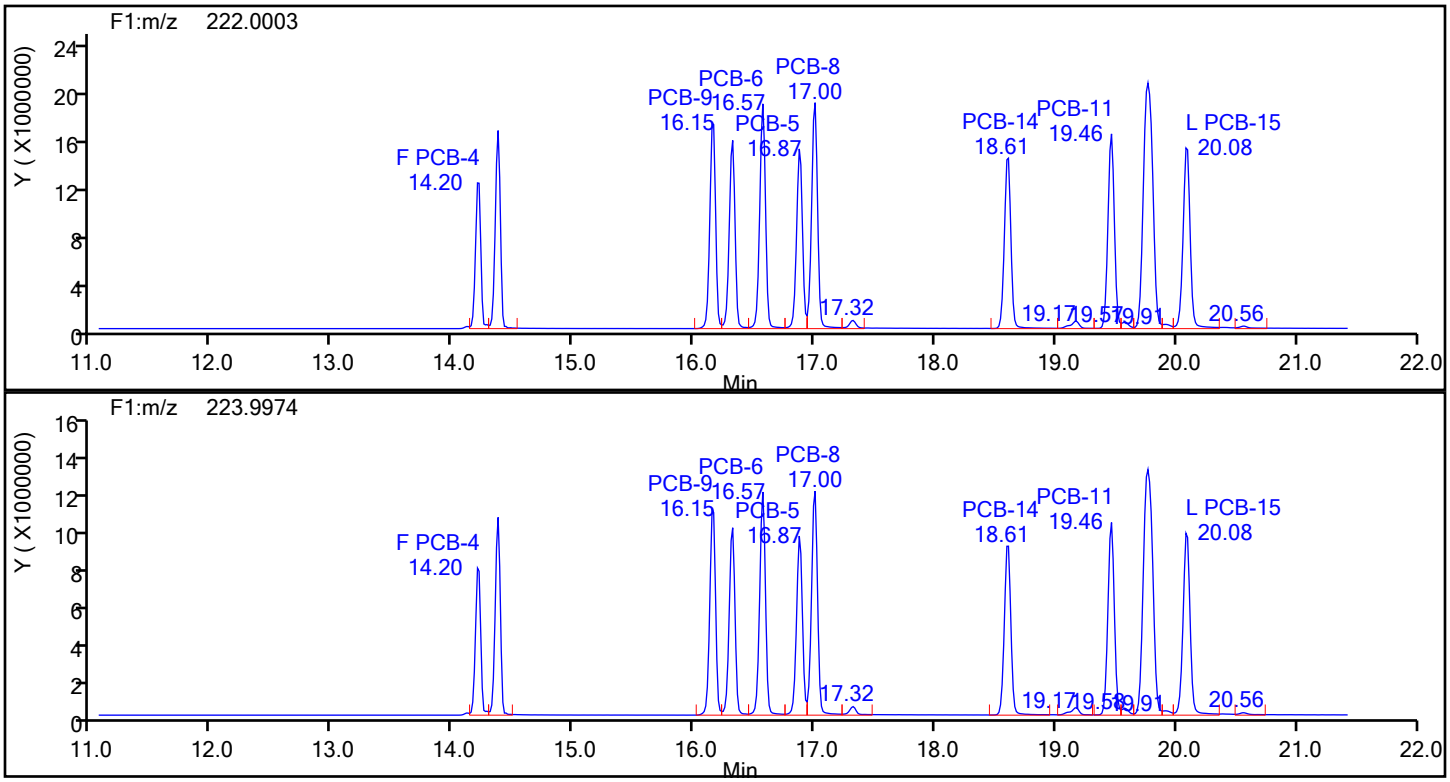


Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

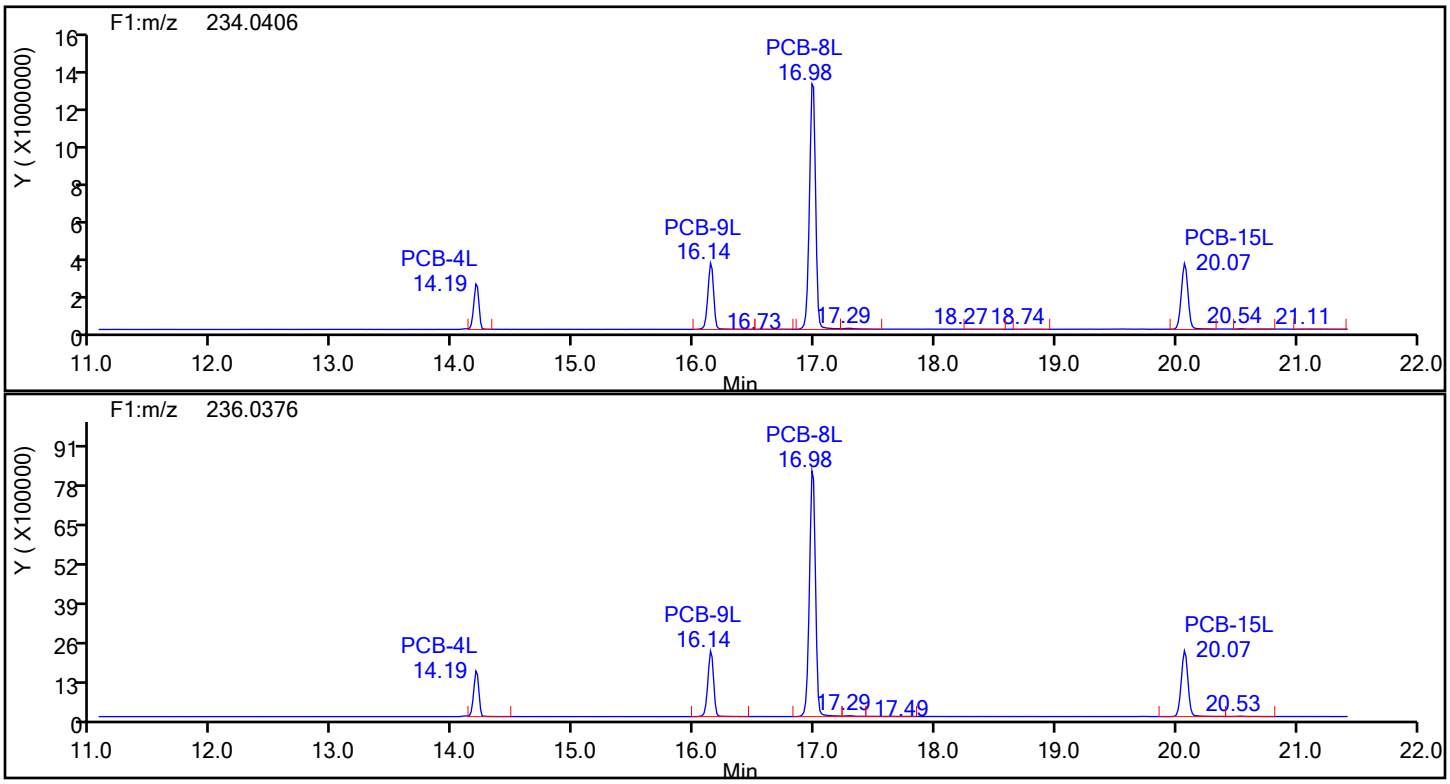
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards

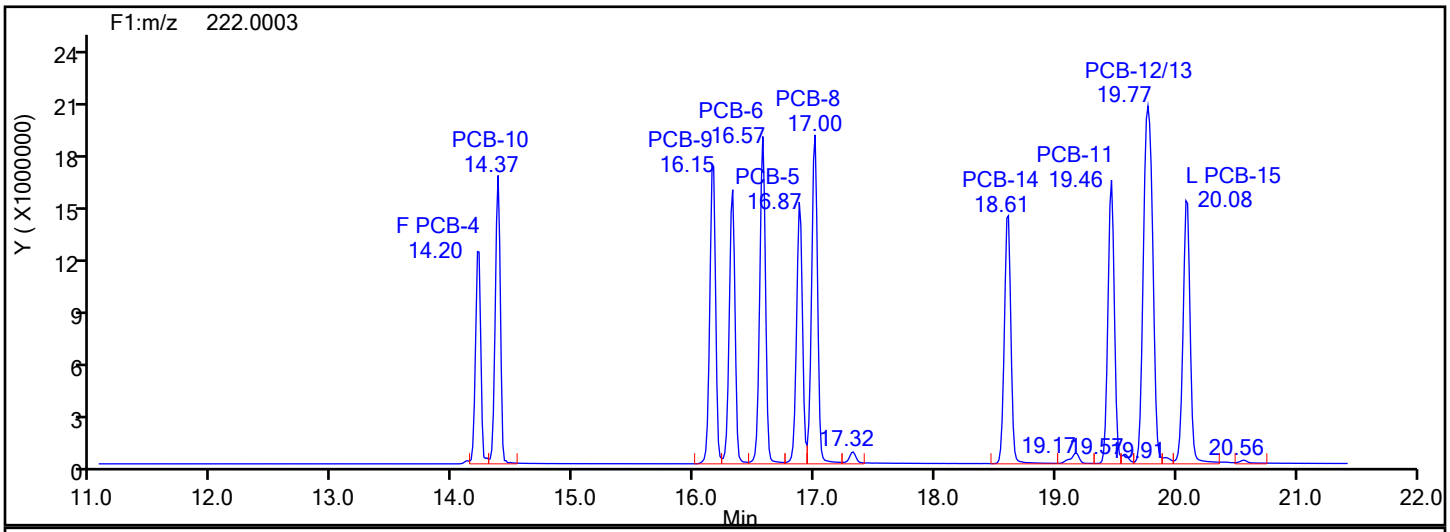


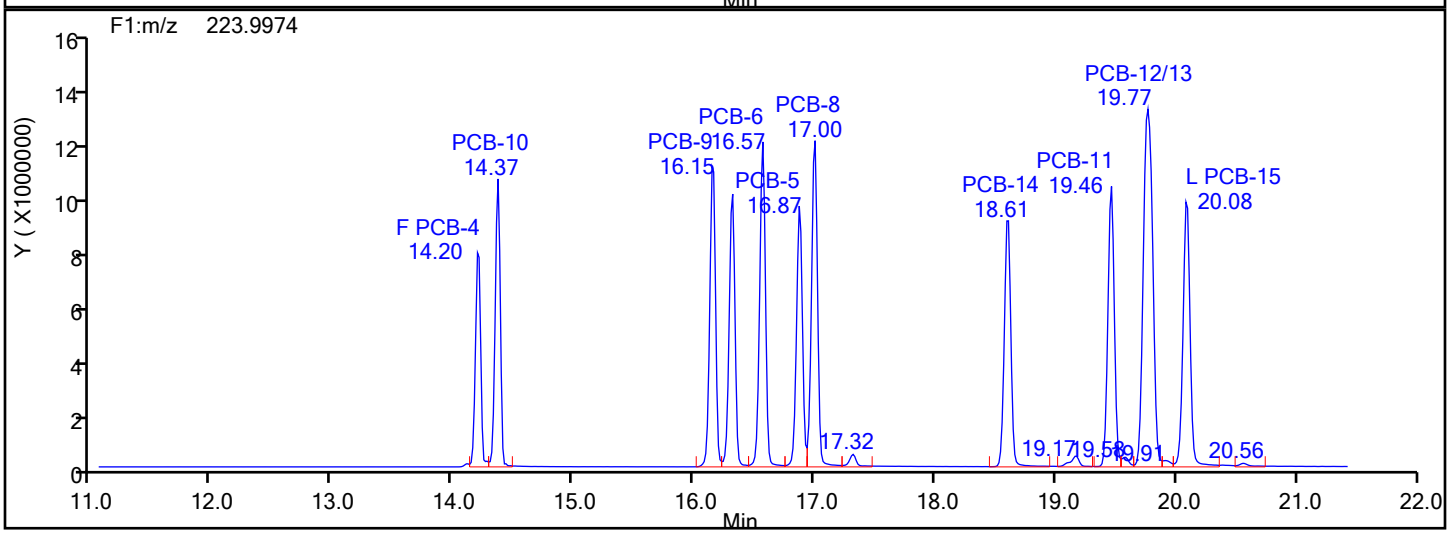
Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

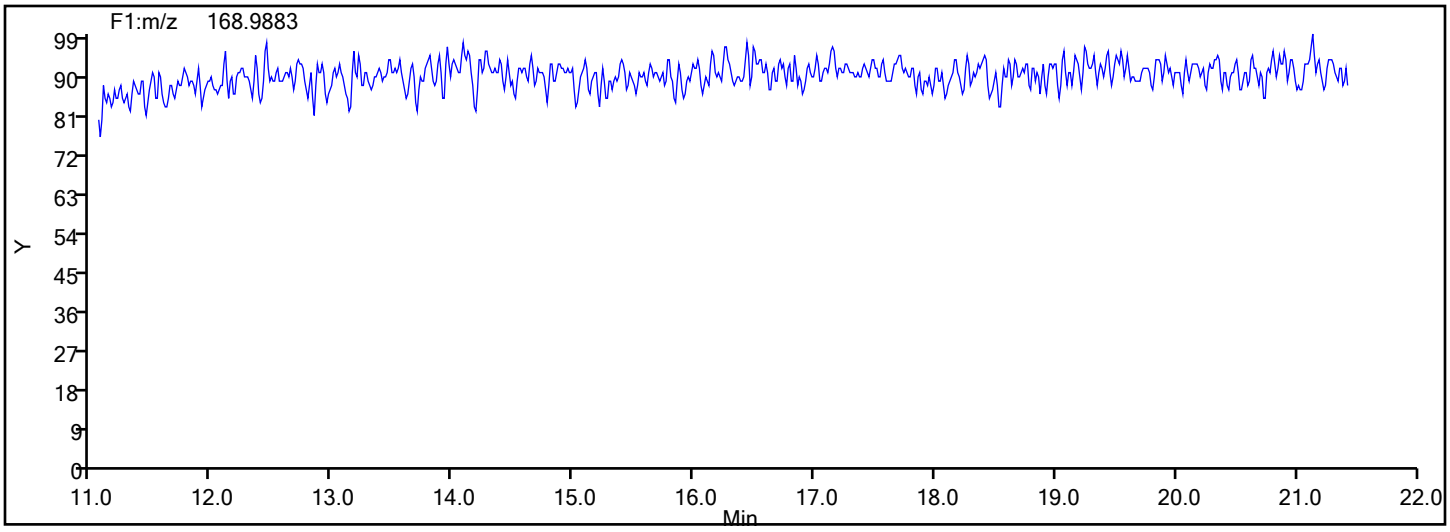
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



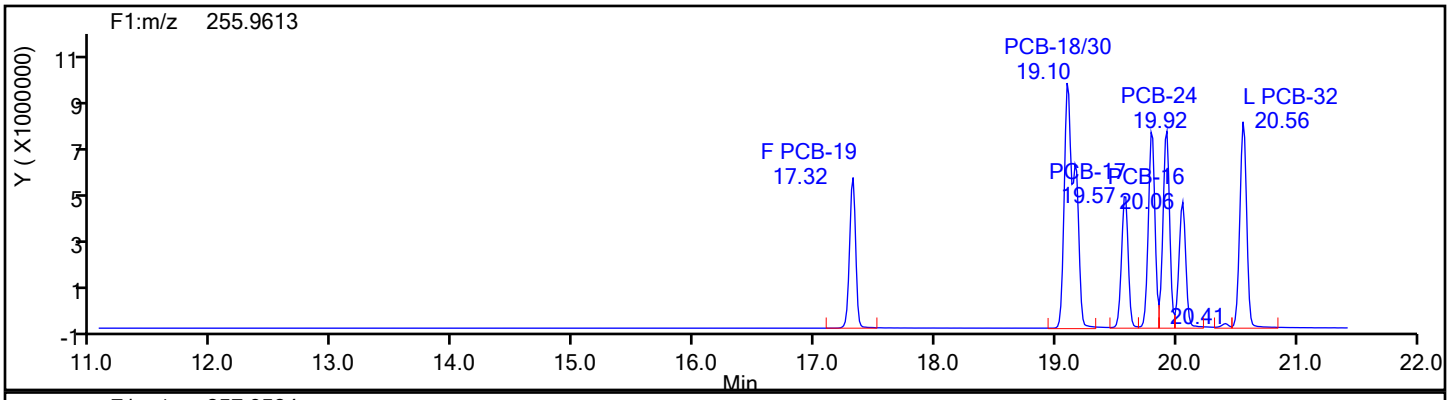
Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

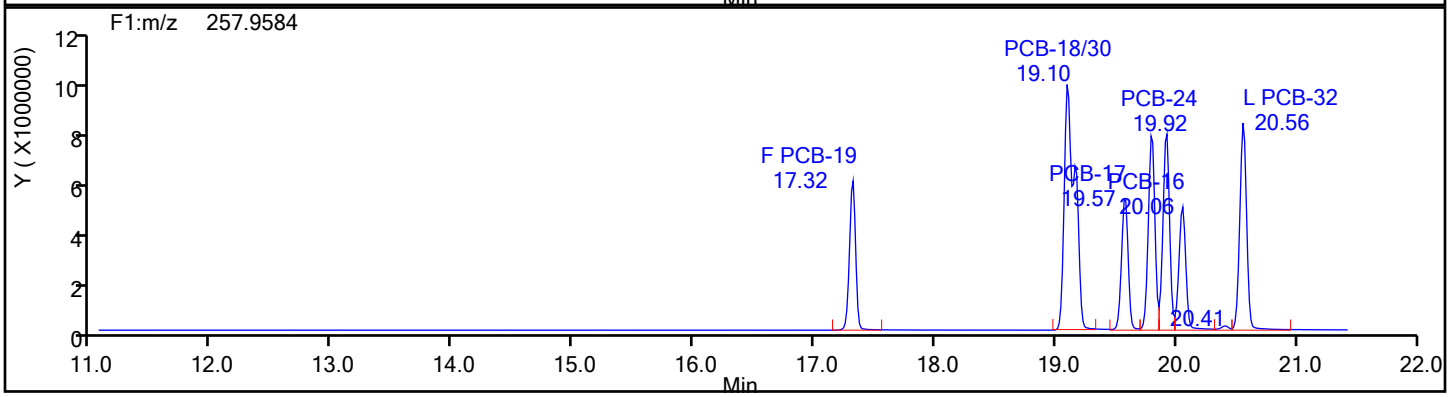
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

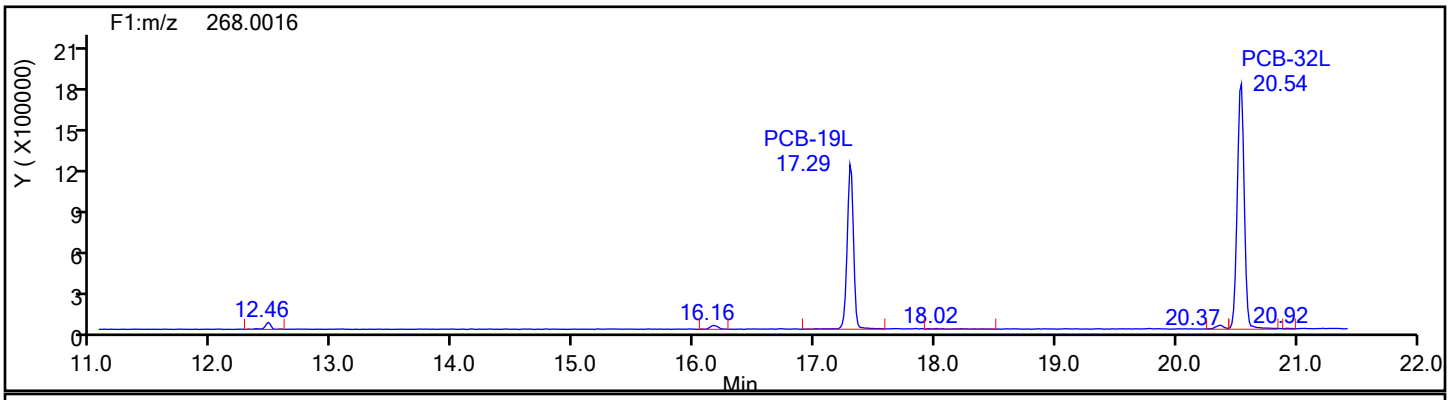
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

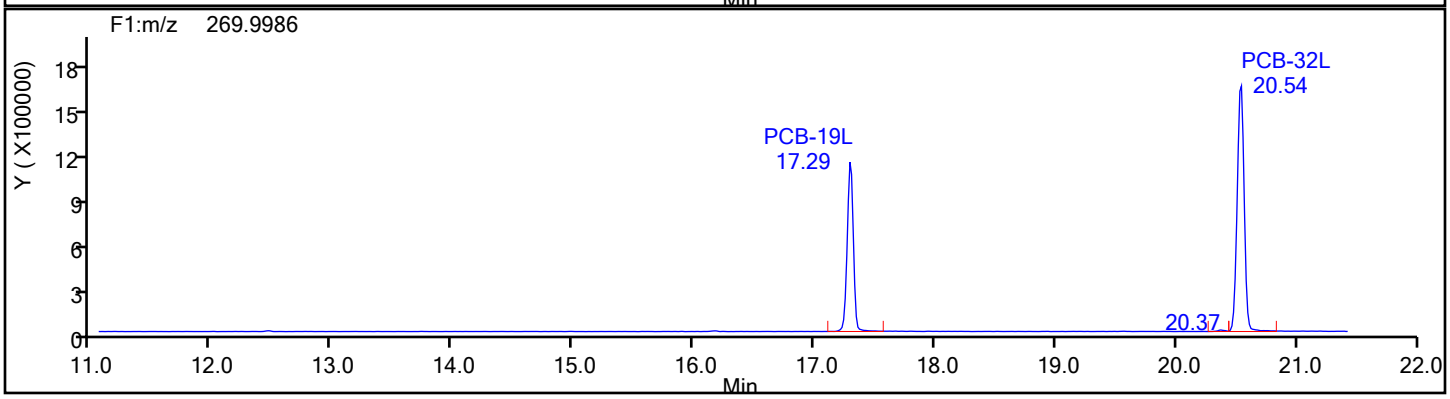
TriPCB F1





TriPCB F1 Standards





Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
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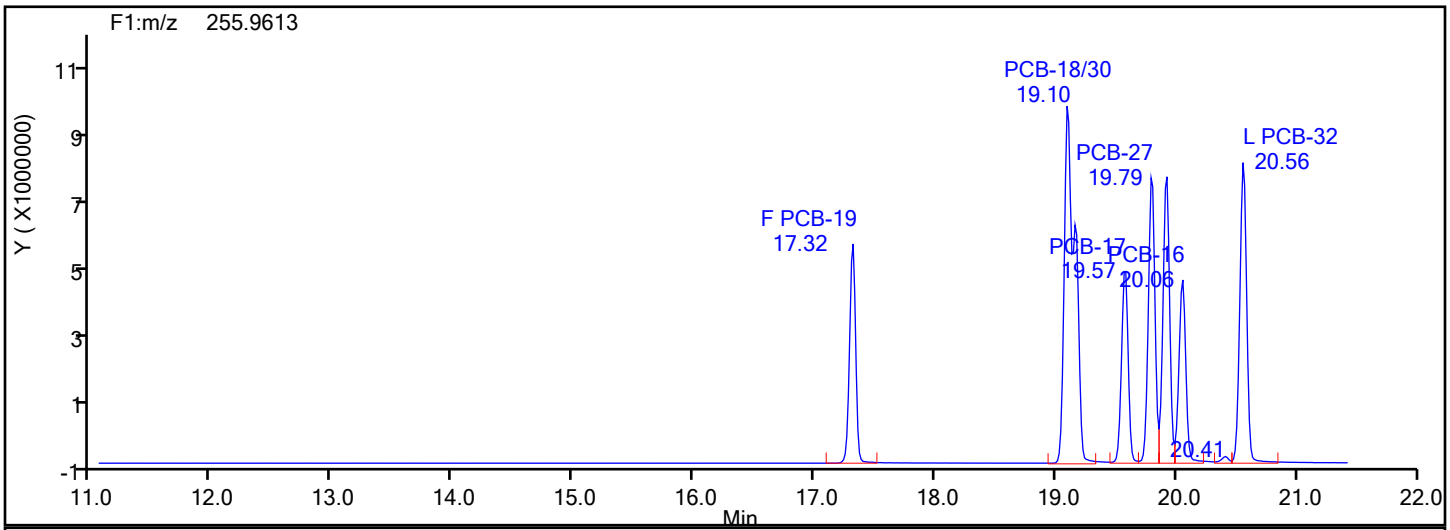
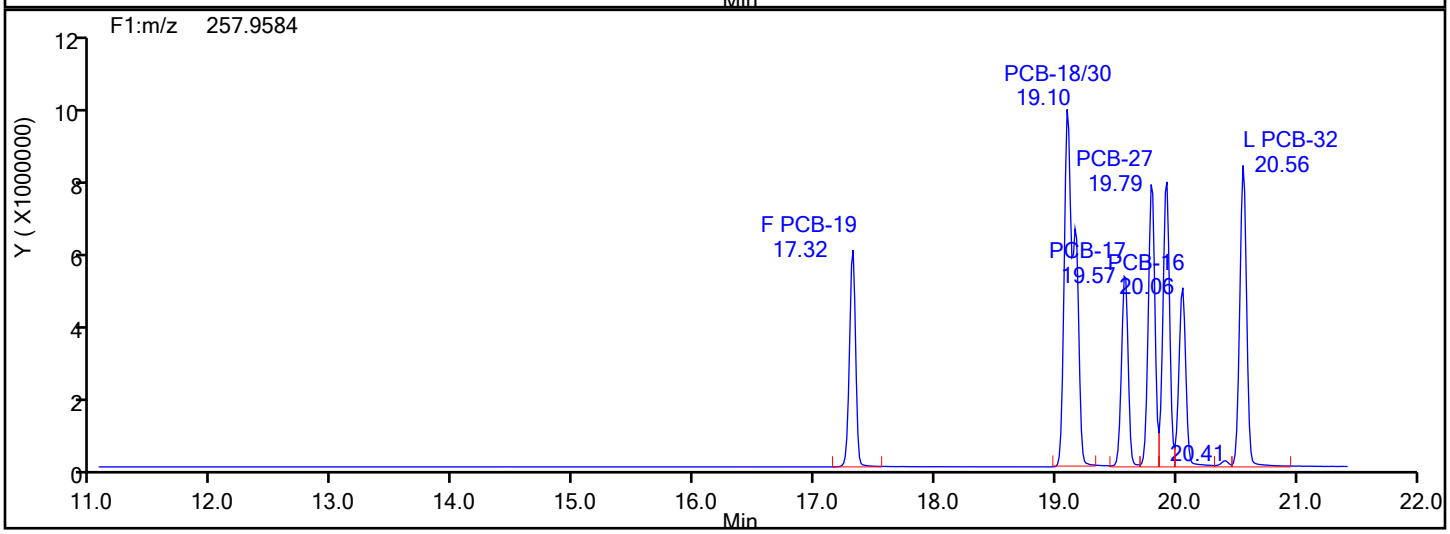
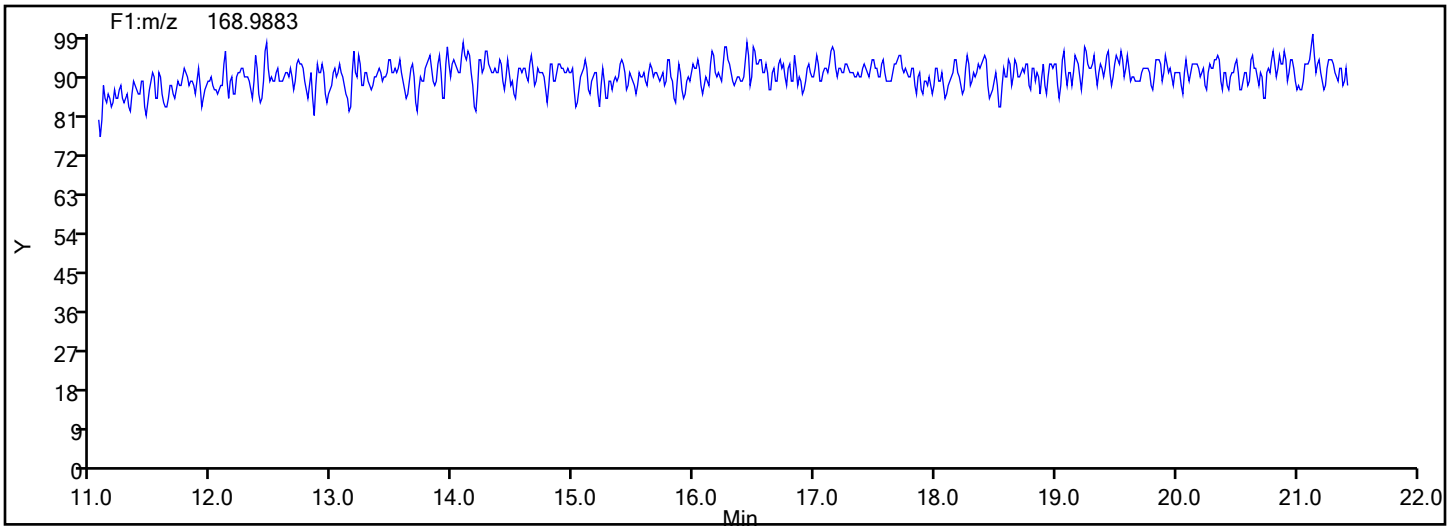
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

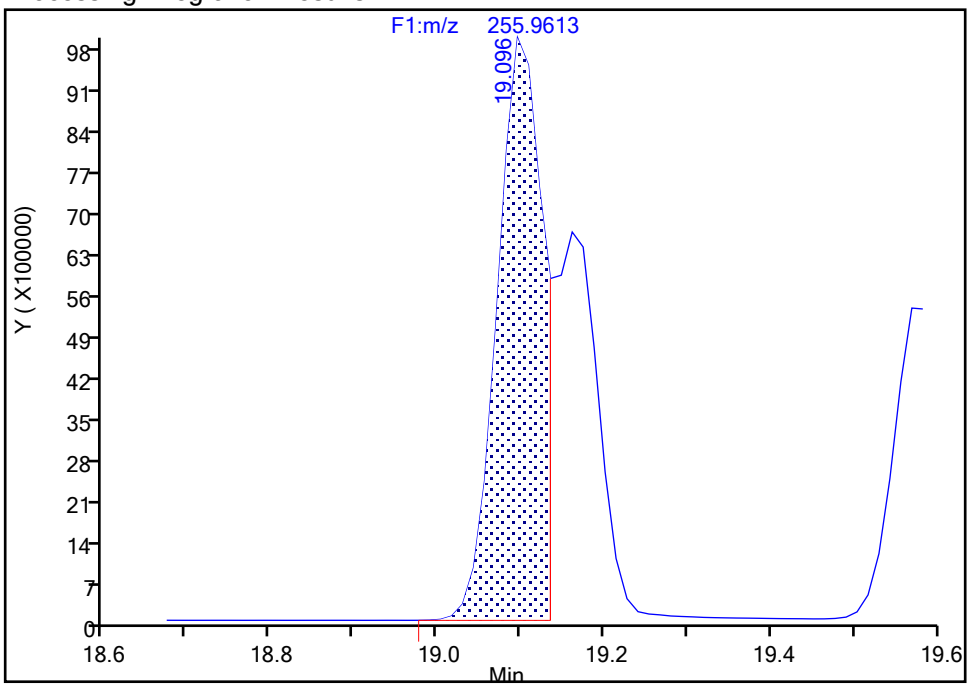
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-18/30, CAS: STL01798

Signal: 1

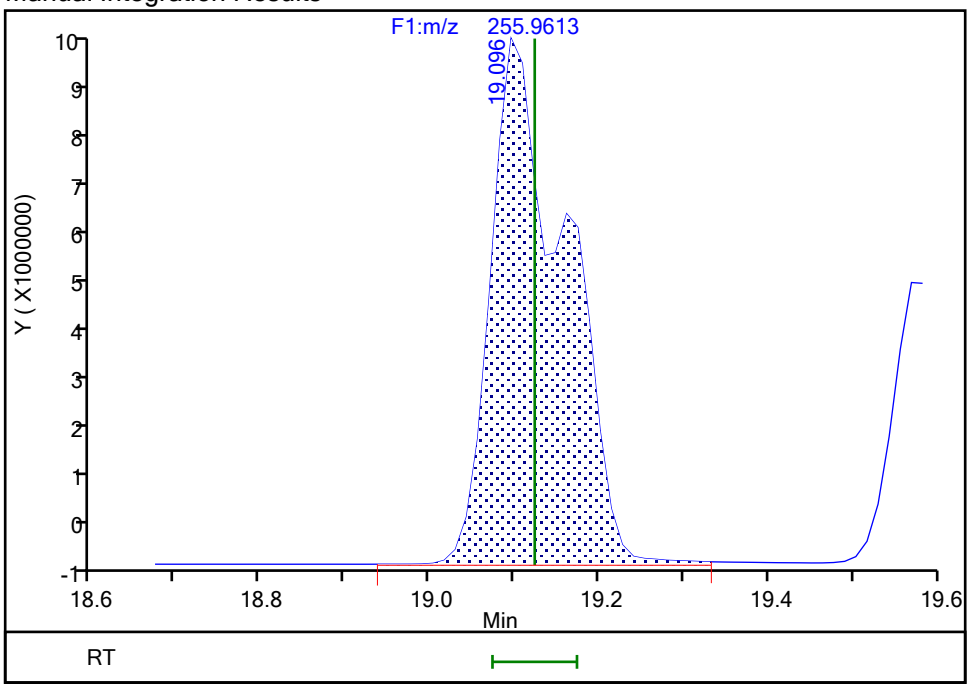
Processing Integration Results

RT: 19.10
Area: 36810954
Amount: 526.3792
Amount Units: pg/ul



Manual Integration Results

RT: 19.10
Area: 61848445
Amount: 791.5212
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:01:50

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-18/30, CAS: STL01798

Signal: 2

Processing Integration Results

RT: 19.10
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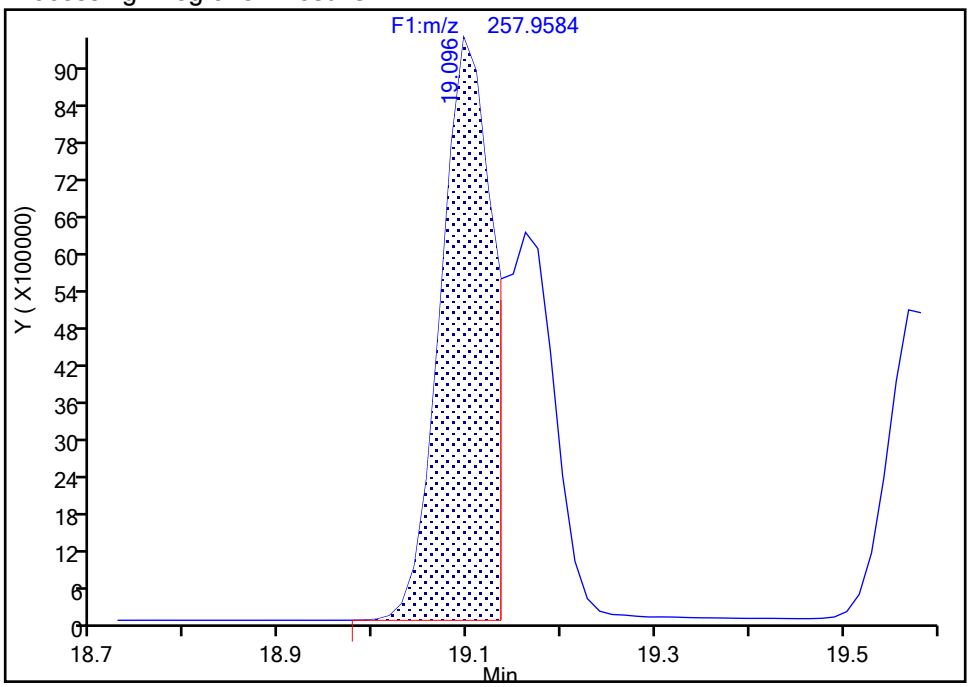
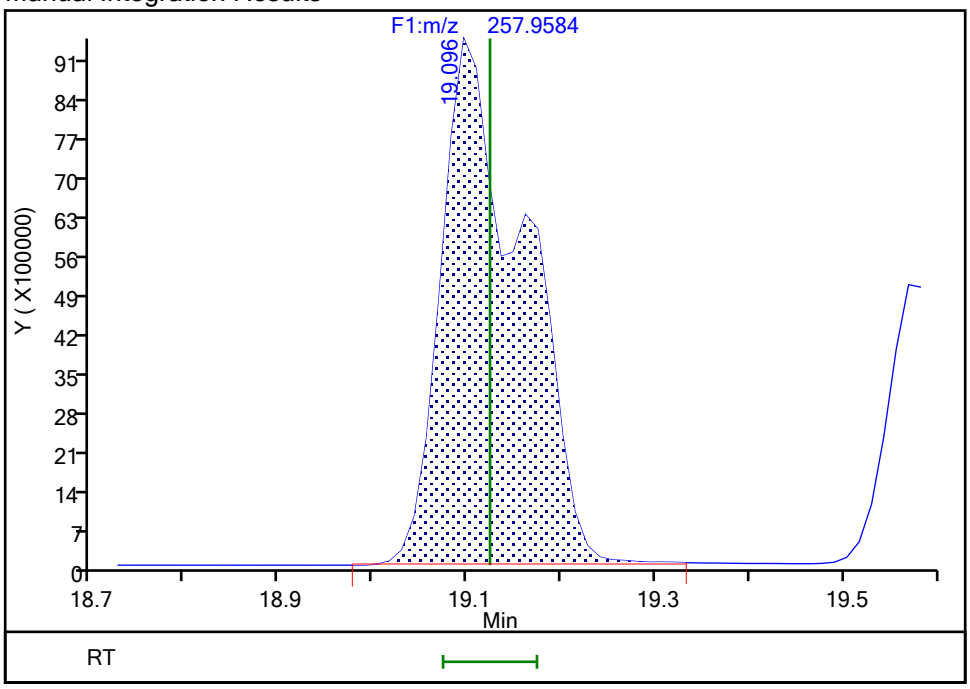
Amount: 526.3792
Amount Units: pg/ul



Manual Integration Results

RT: 19.10
Area: 57634685
Amount: 791.5212
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:01:58
Audit Action: Manually Integrated Audit Reason: Split Peak

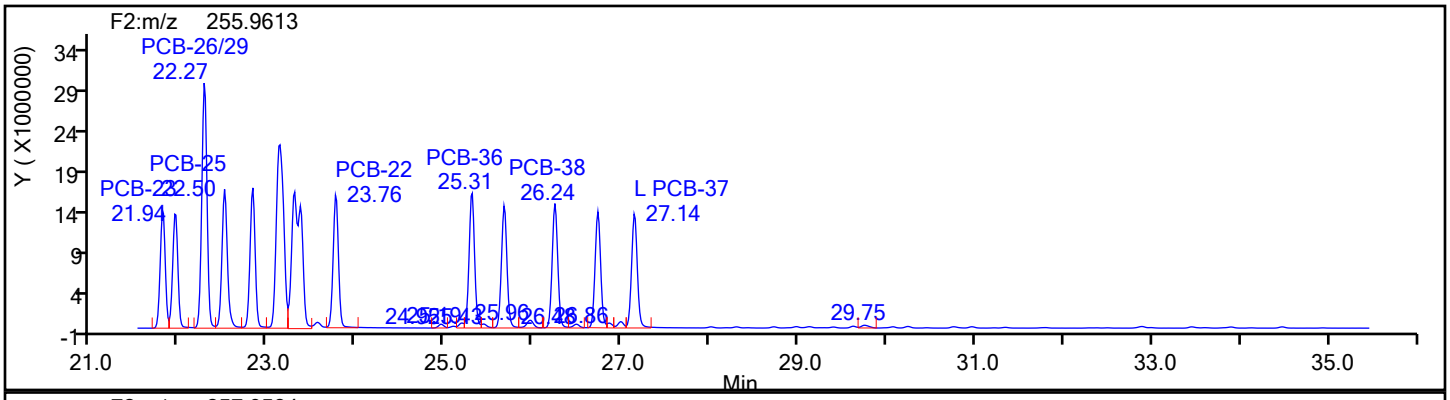
Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

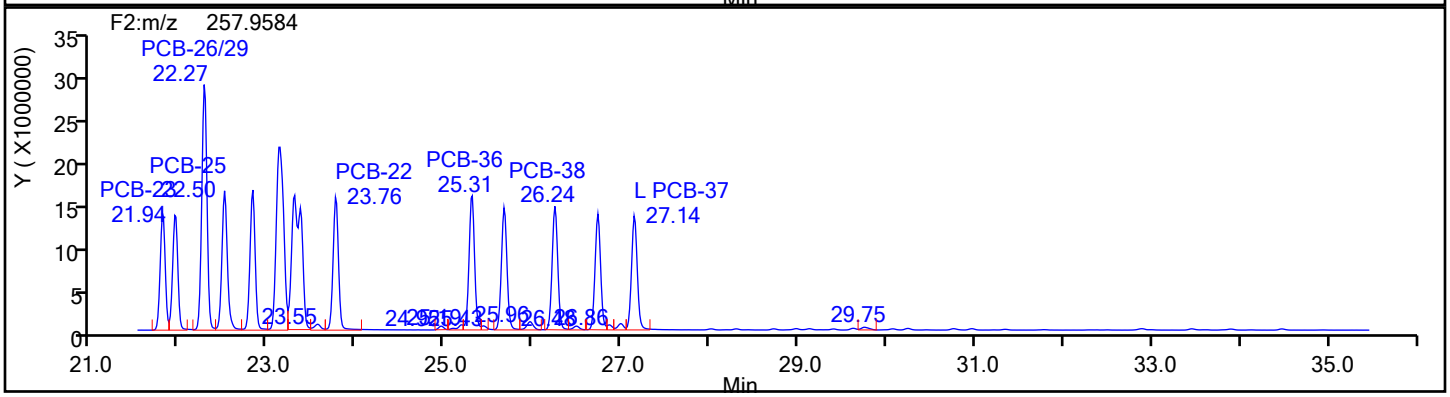
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

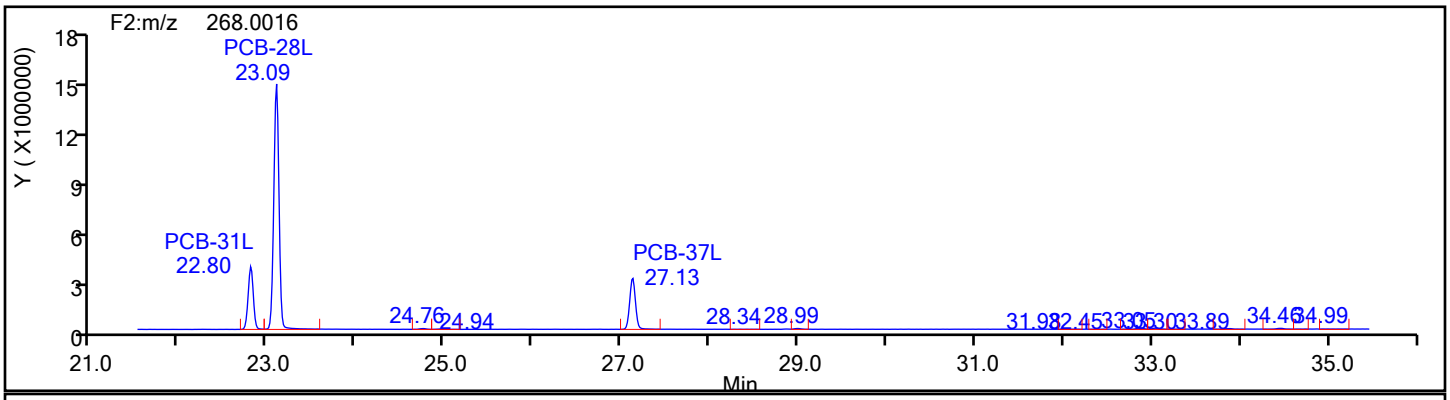
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

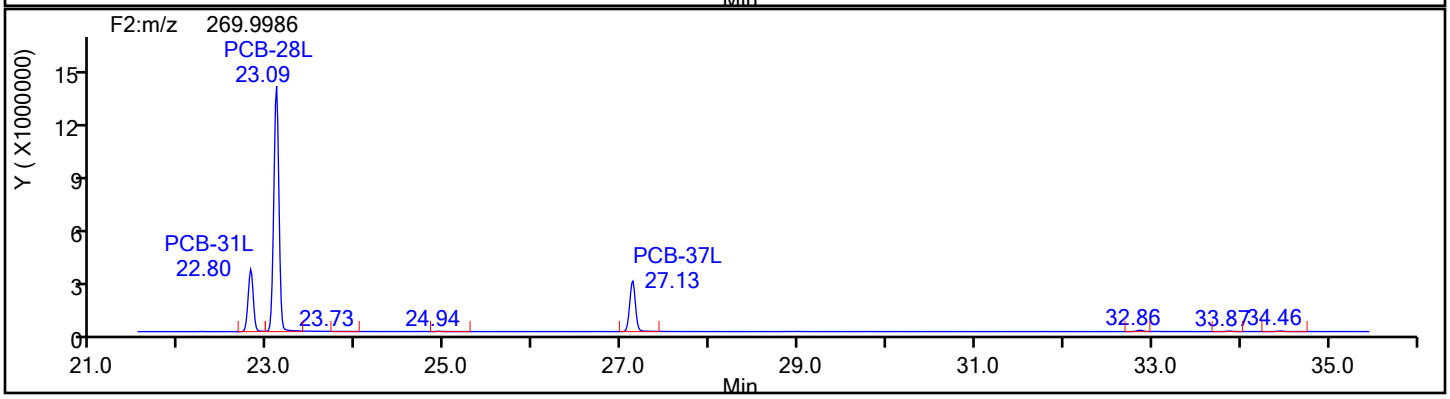
TriPCB F2





TriPCB F2 Standards





Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
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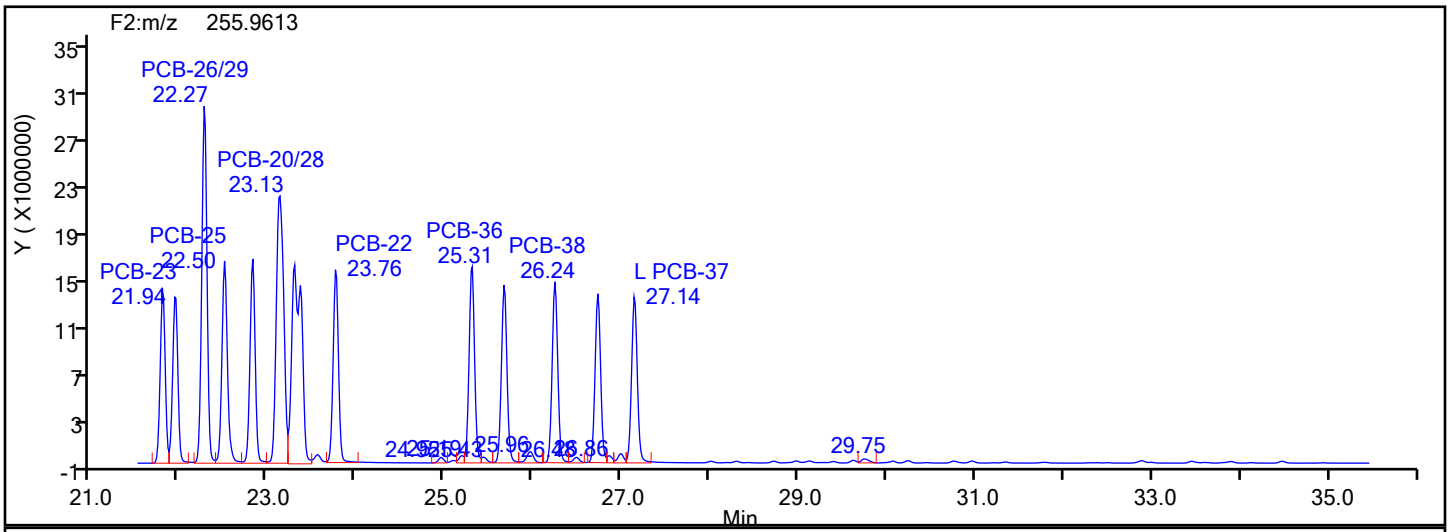
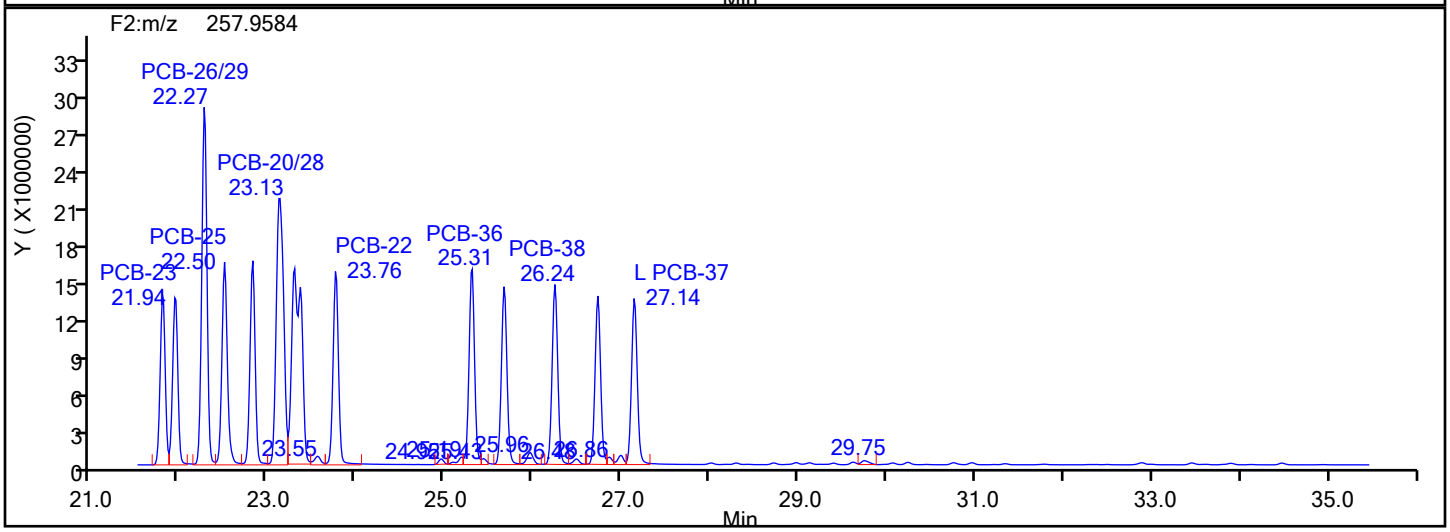
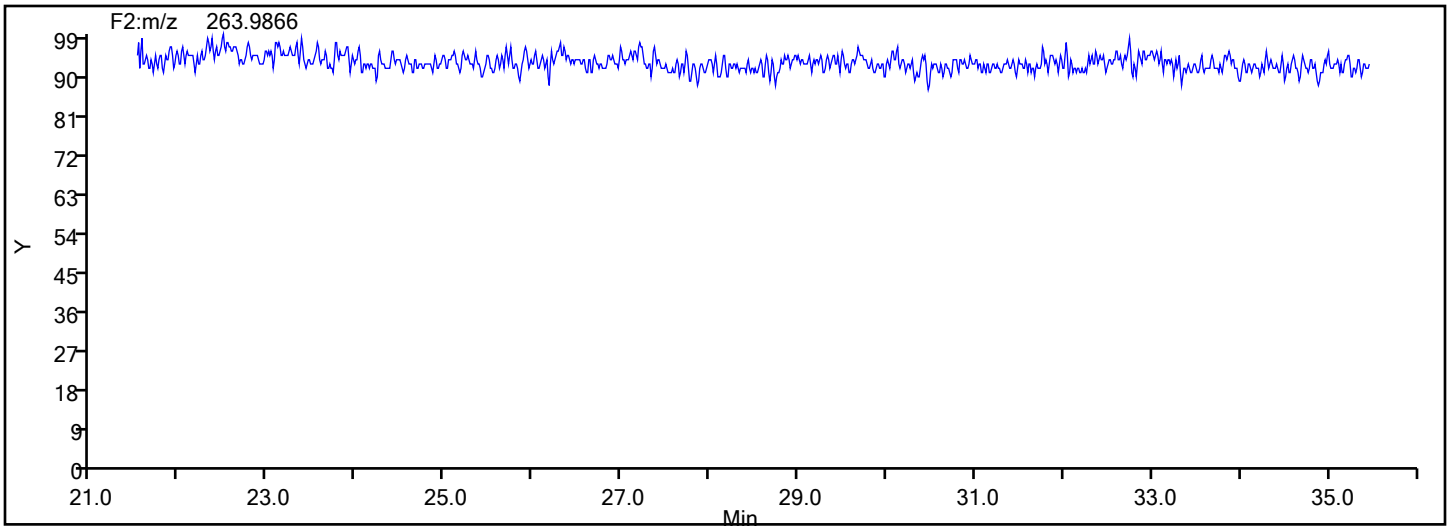
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

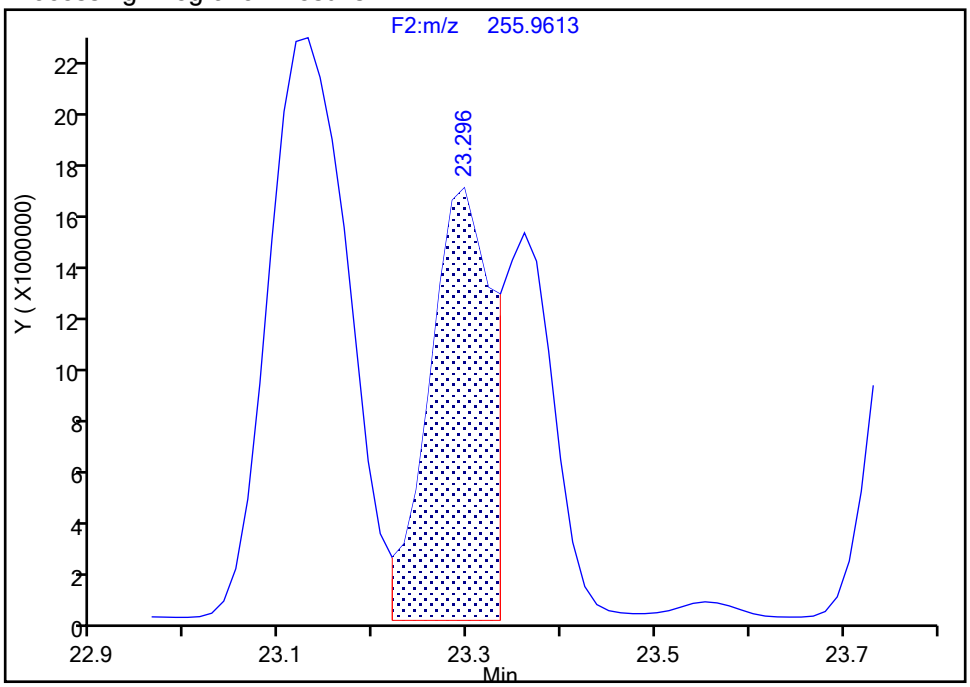
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-21/33, CAS: STL01800

Signal: 1

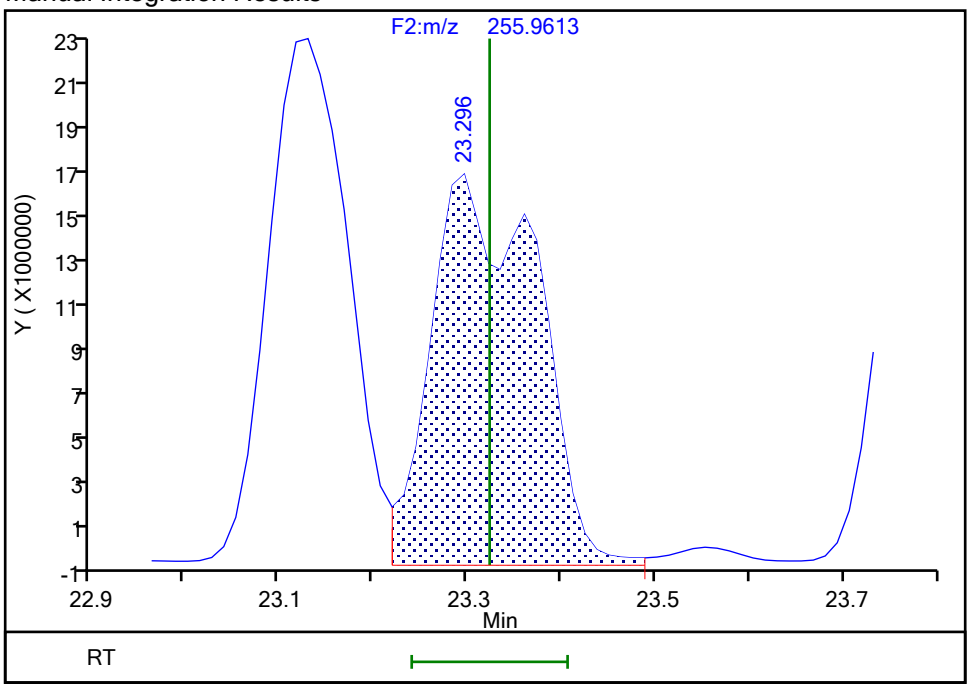
Processing Integration Results

RT: 23.30
Area: 74771026
Amount: 529.7402
Amount Units: pg/ul



Manual Integration Results

RT: 23.30
Area: 130679005
Amount: 816.9997
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:02:17

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

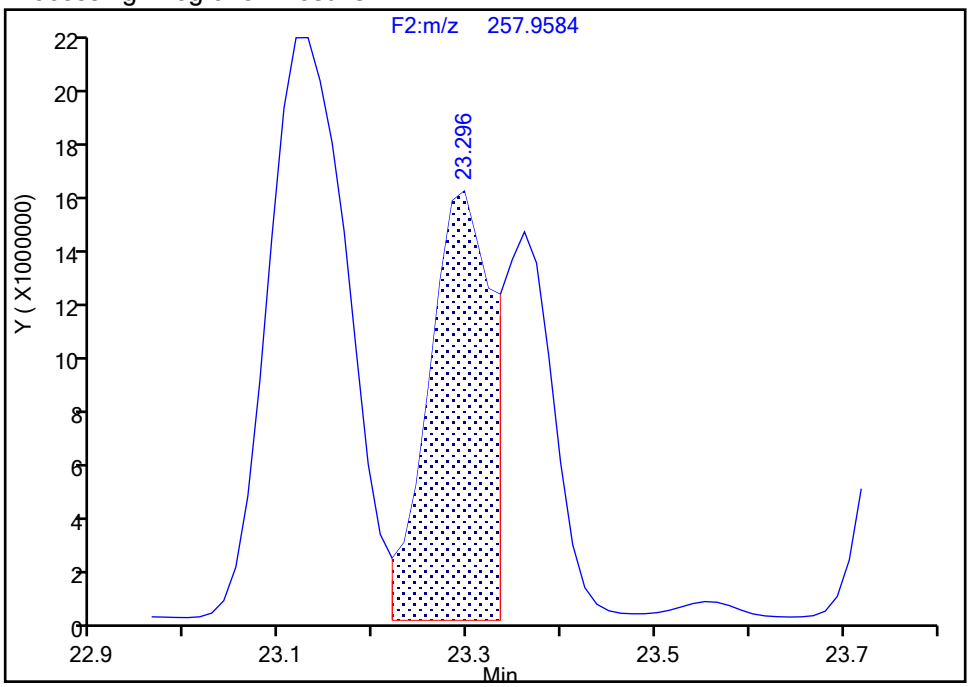
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 2

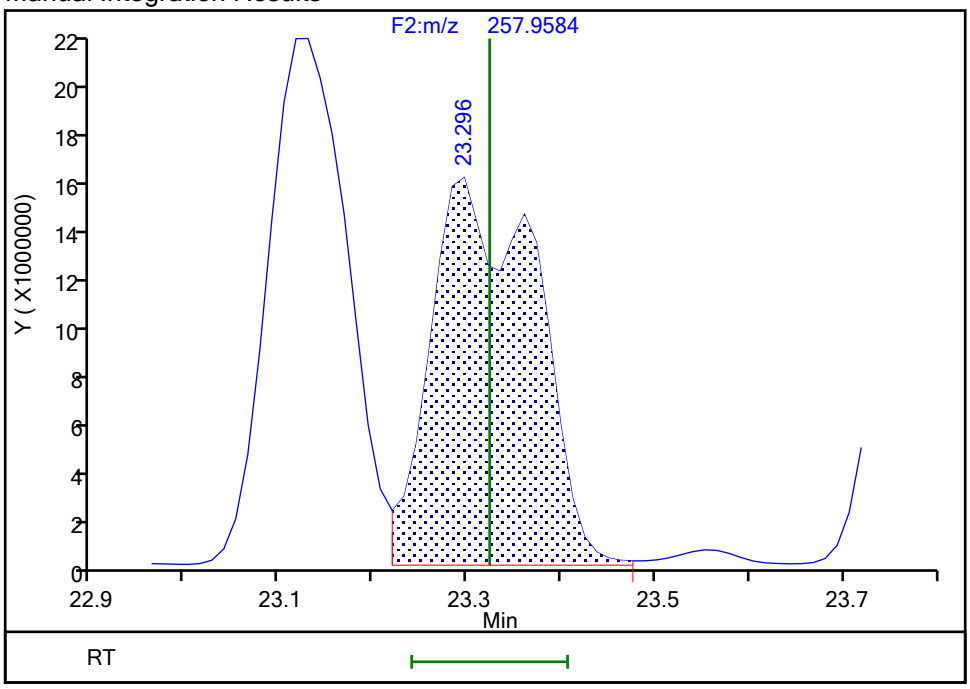
Processing Integration Results

RT: 23.30
Area: 71381588
Amount: 529.7402
Amount Units: pg/ul



Manual Integration Results

RT: 23.30
Area: 122246383
Amount: 816.9997
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:02:24
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

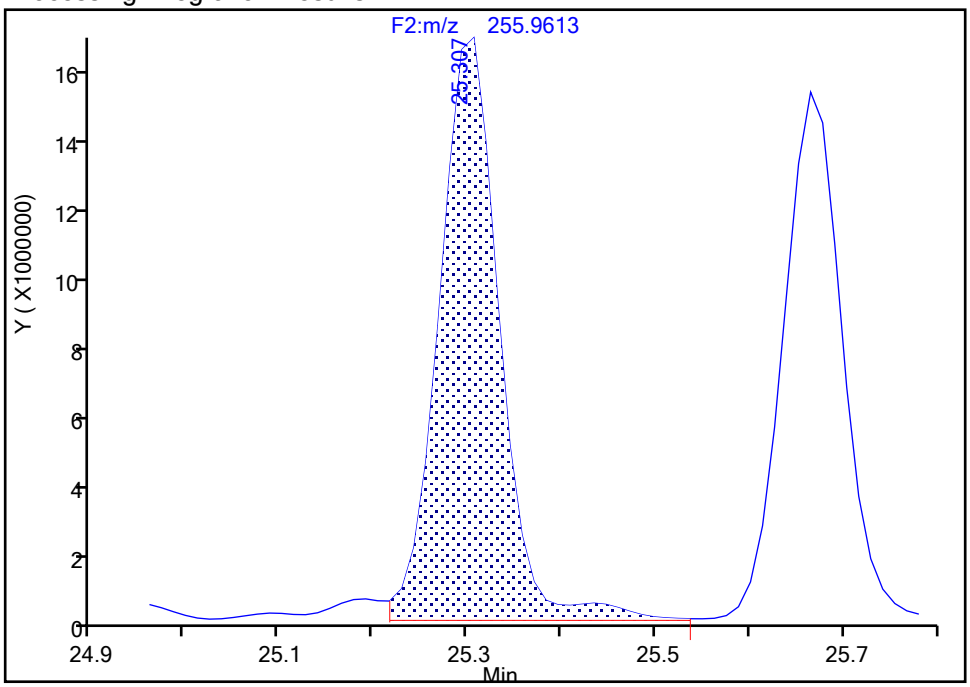
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-36, CAS: 38444-87-0

Signal: 1

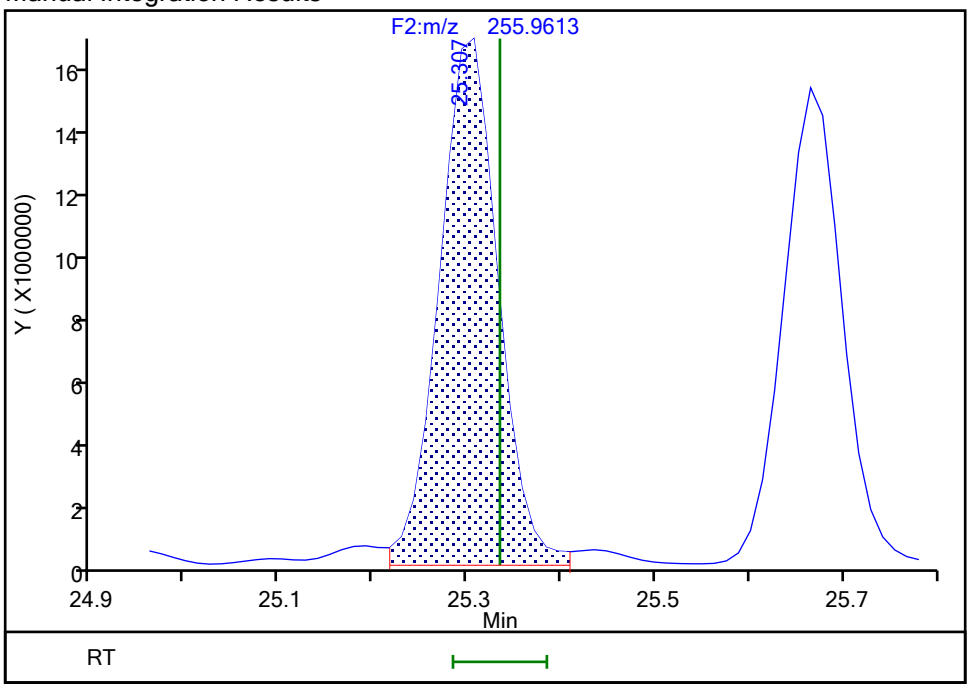
Processing Integration Results

RT: 25.31
Area: 73758622
Amount: 408.1890
Amount Units: pg/ul



Manual Integration Results

RT: 25.31
Area: 71751680
Amount: 393.8136
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:02:36
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

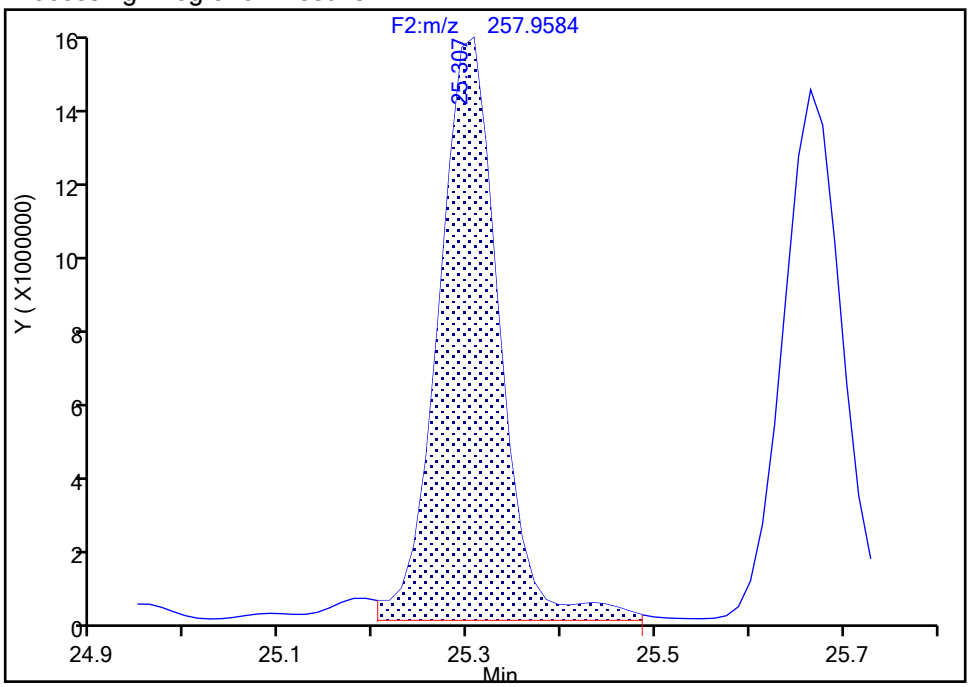
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-36, CAS: 38444-87-0

Signal: 2

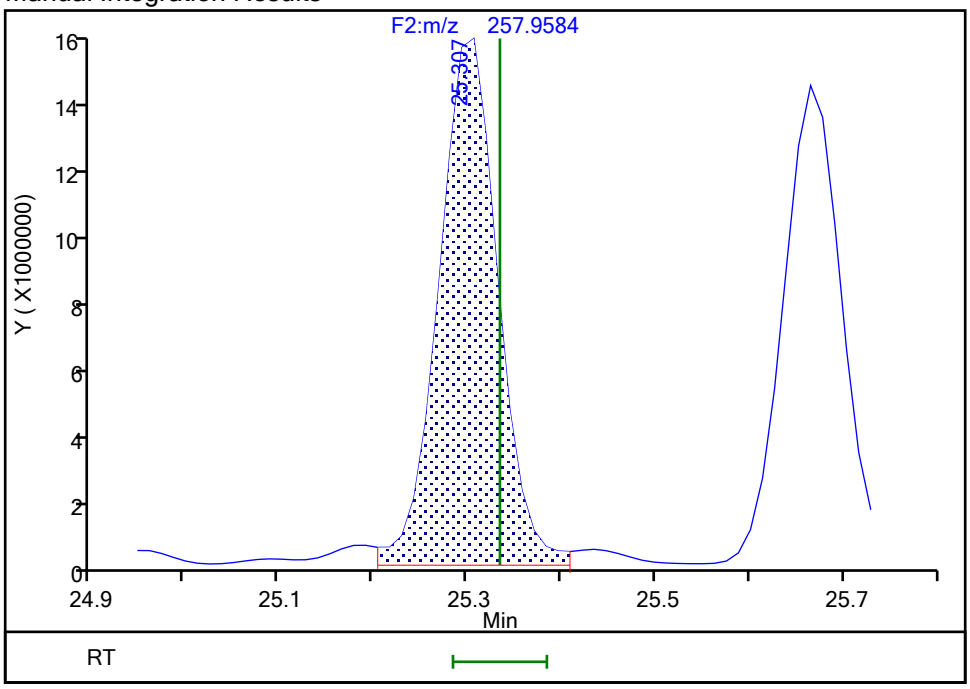
Processing Integration Results

RT: 25.31
Area: 70384892
Amount: 408.1890
Amount Units: pg/ul



Manual Integration Results

RT: 25.31
Area: 68682517
Amount: 393.8136
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:02:39
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

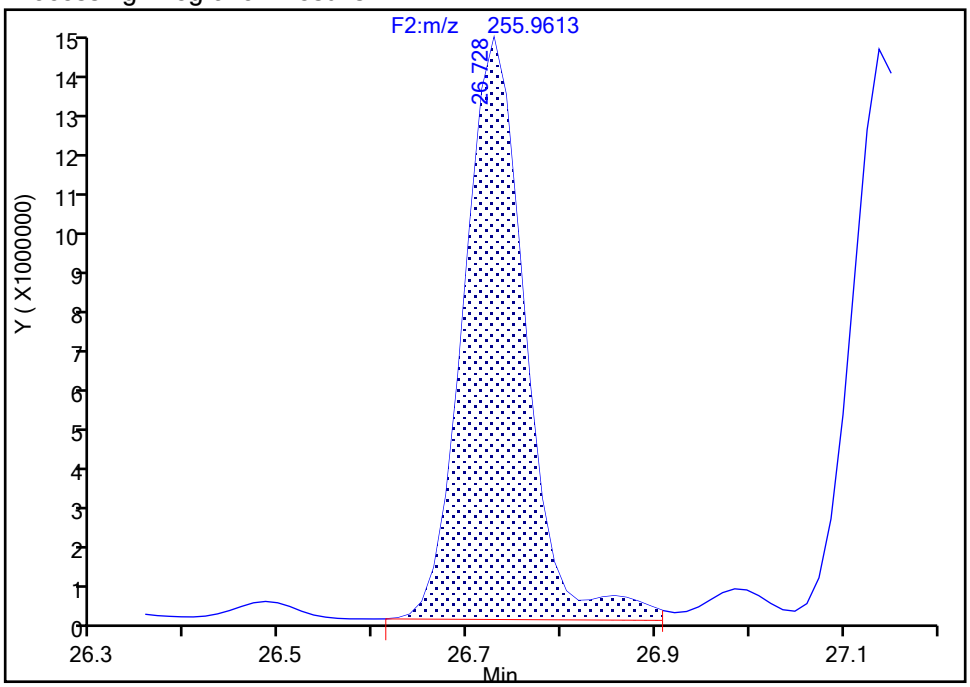
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-35, CAS: 37680-69-6

Signal: 1

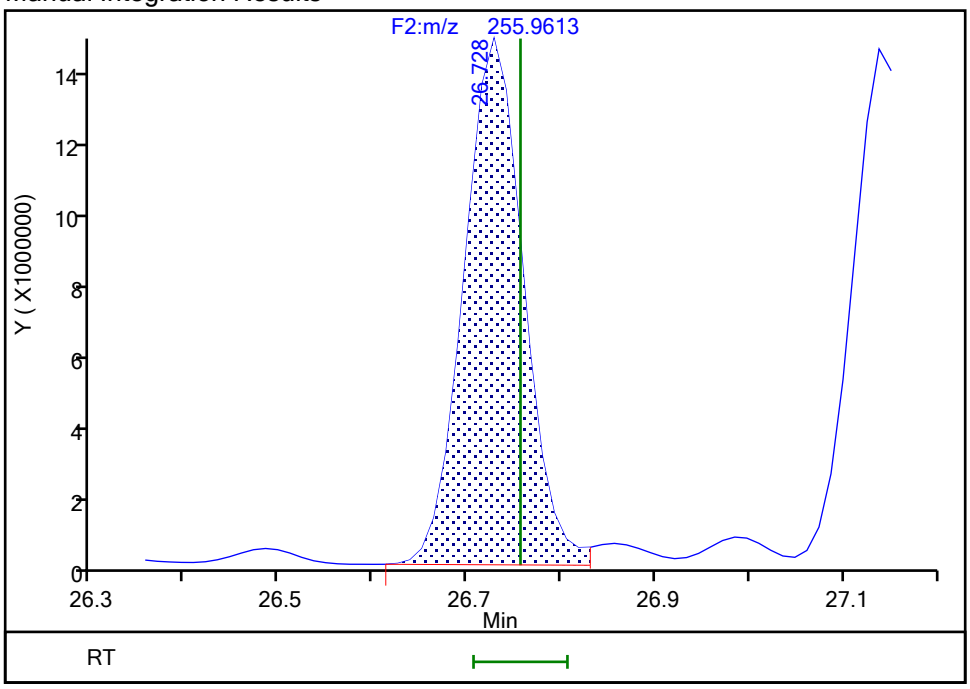
Processing Integration Results

RT: 26.73
Area: 64747116
Amount: 410.2977
Amount Units: pg/ul



Manual Integration Results

RT: 26.73
Area: 62529640
Amount: 391.3917
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:02:44
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

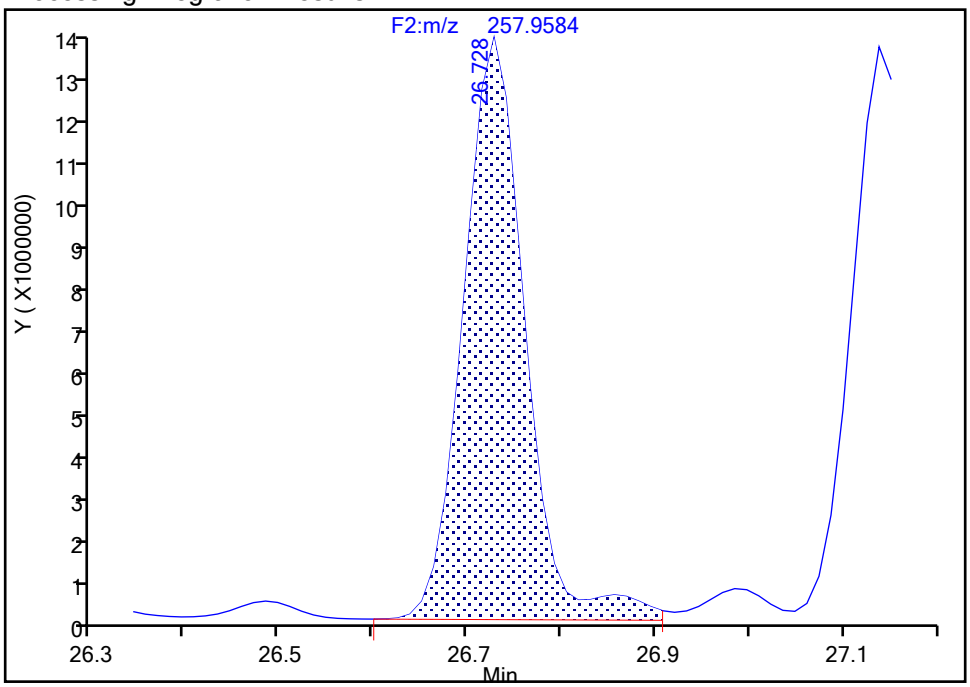
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-35, CAS: 37680-69-6

Signal: 2

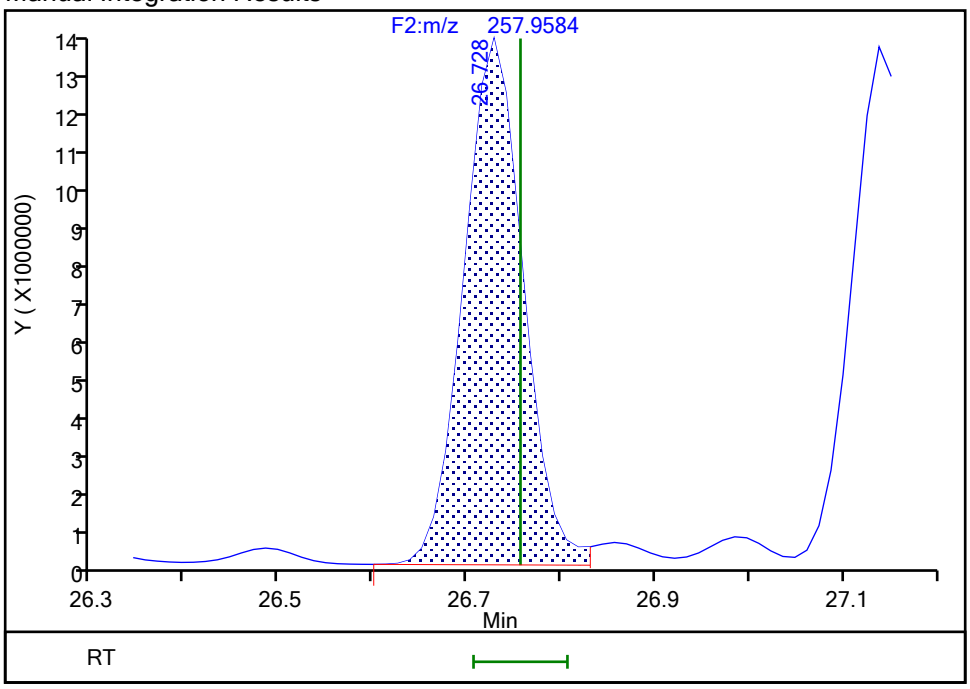
Processing Integration Results

RT: 26.73
Area: 61497122
Amount: 410.2977
Amount Units: pg/ul



Manual Integration Results

RT: 26.73
Area: 59350673
Amount: 391.3917
Amount Units: pg/ul



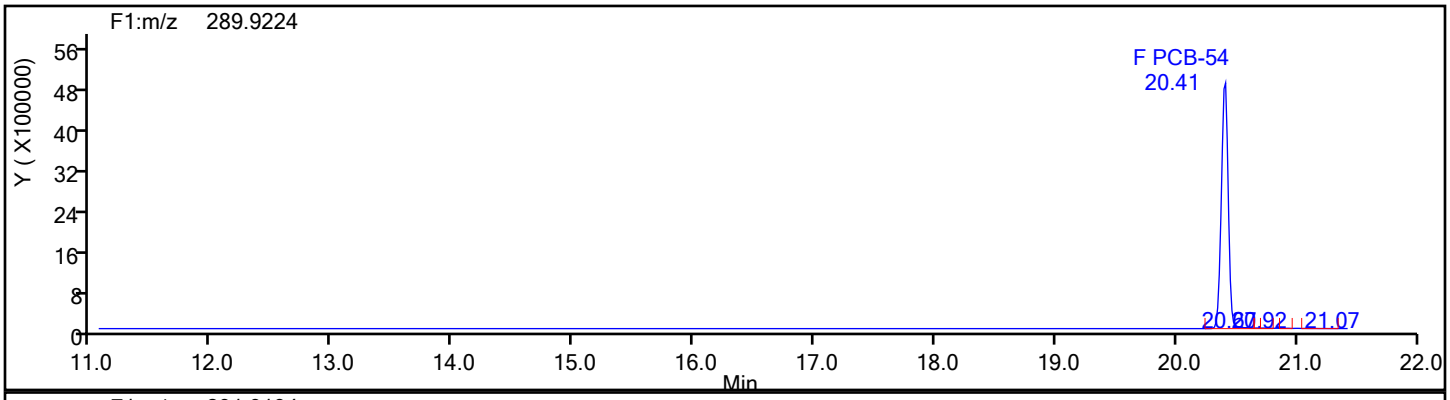
Reviewer: nordquistj, 08-Oct-2021 17:02:45
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

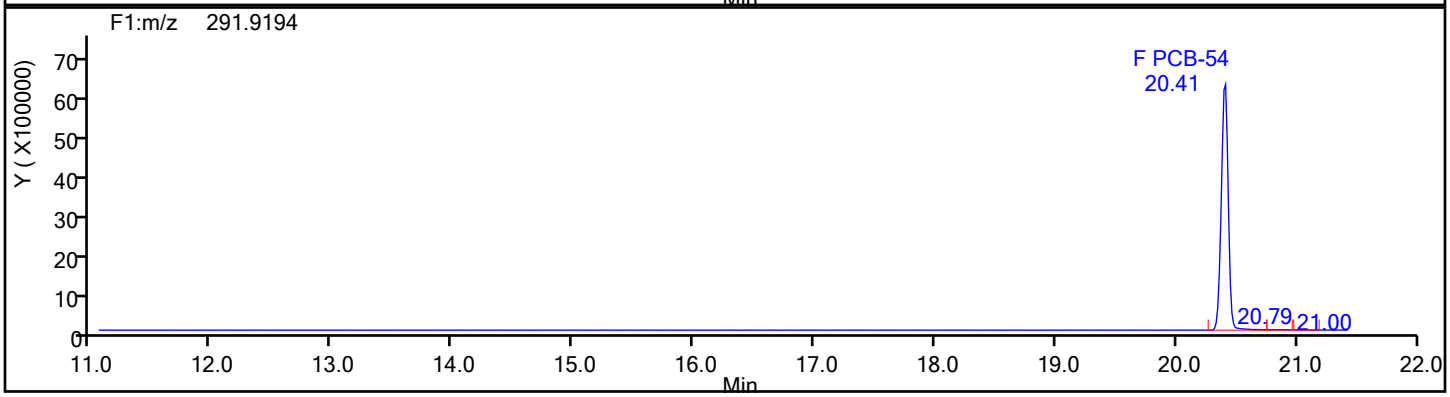
Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

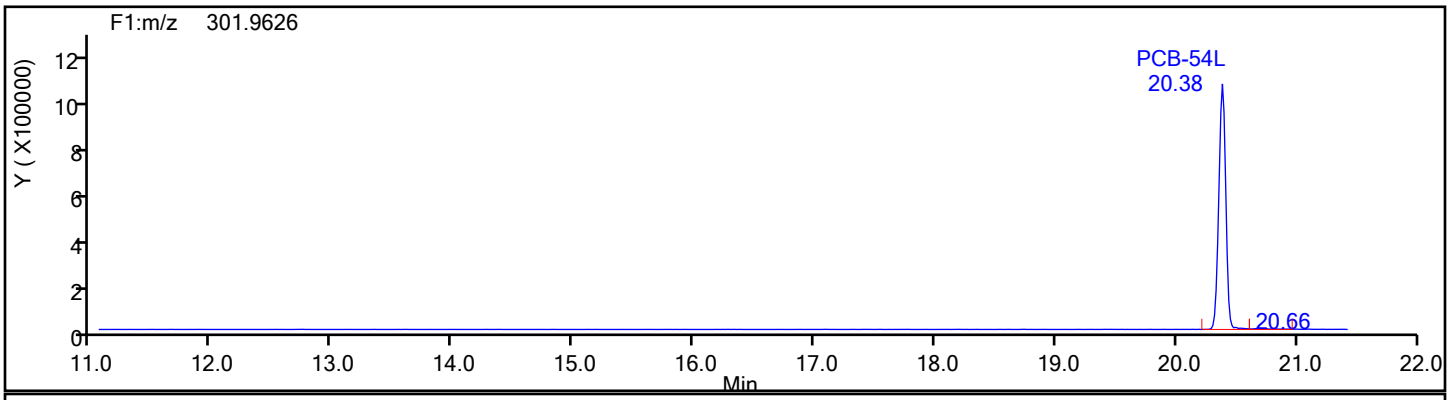
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

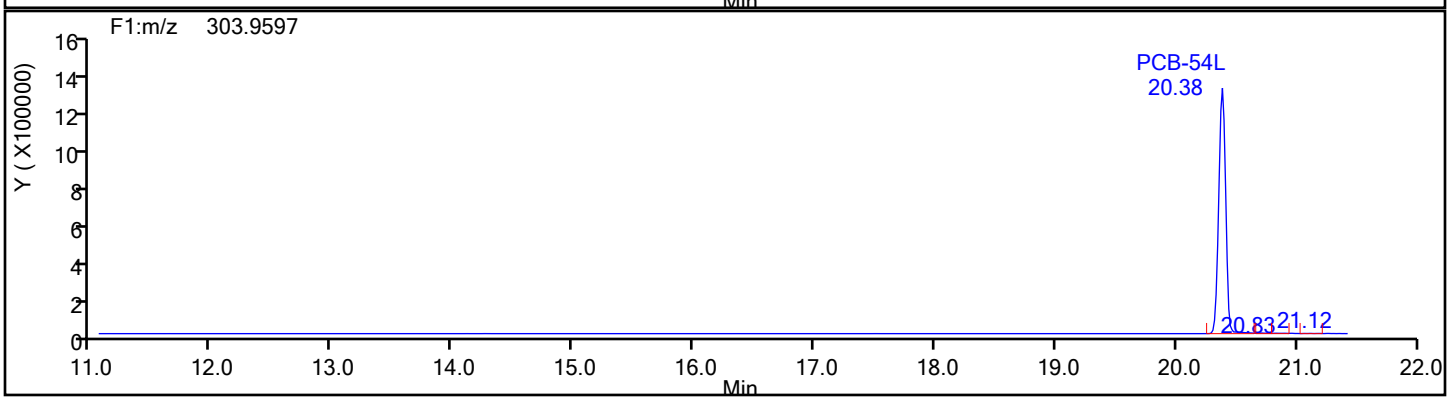
TePCB F1





TePCB F1 Standards



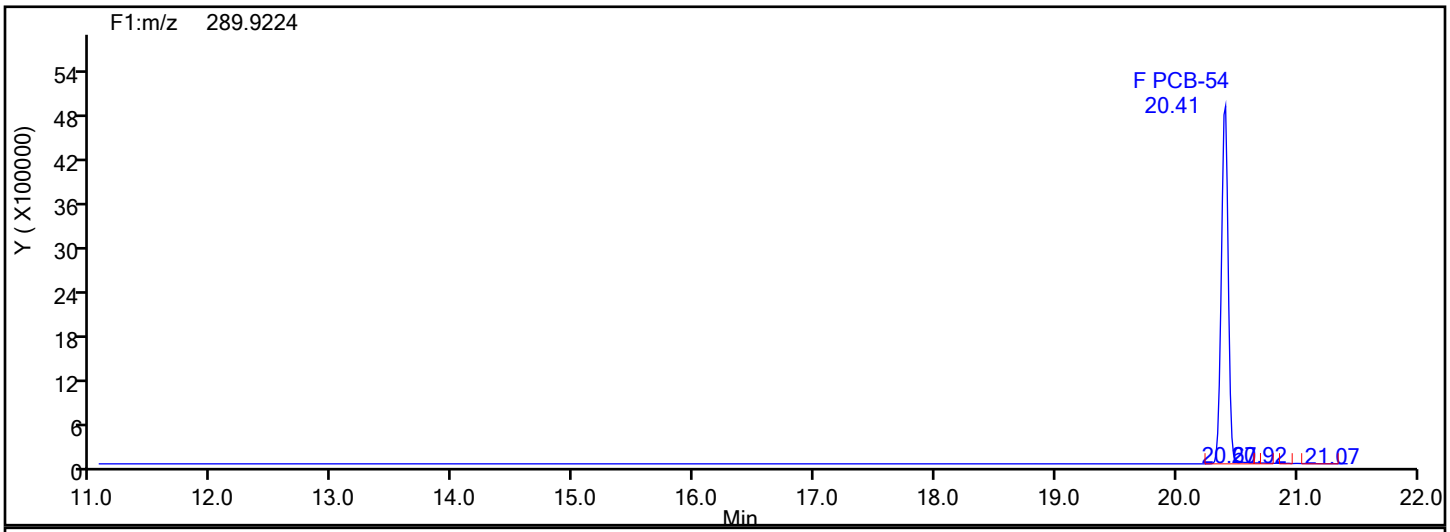


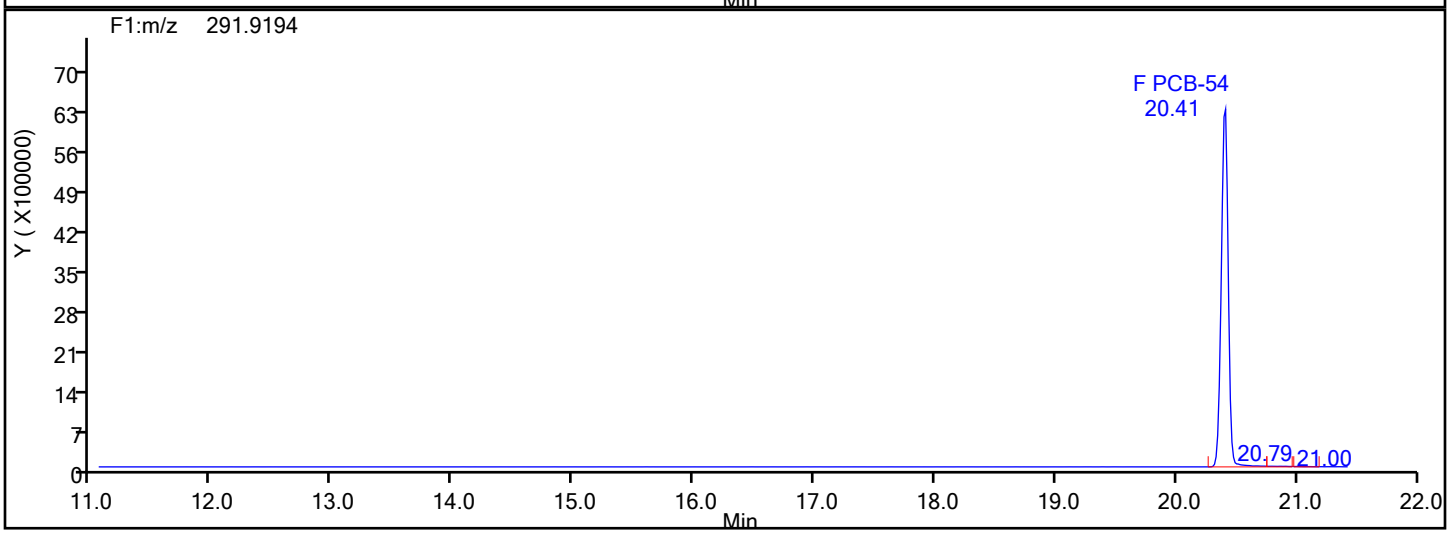
Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

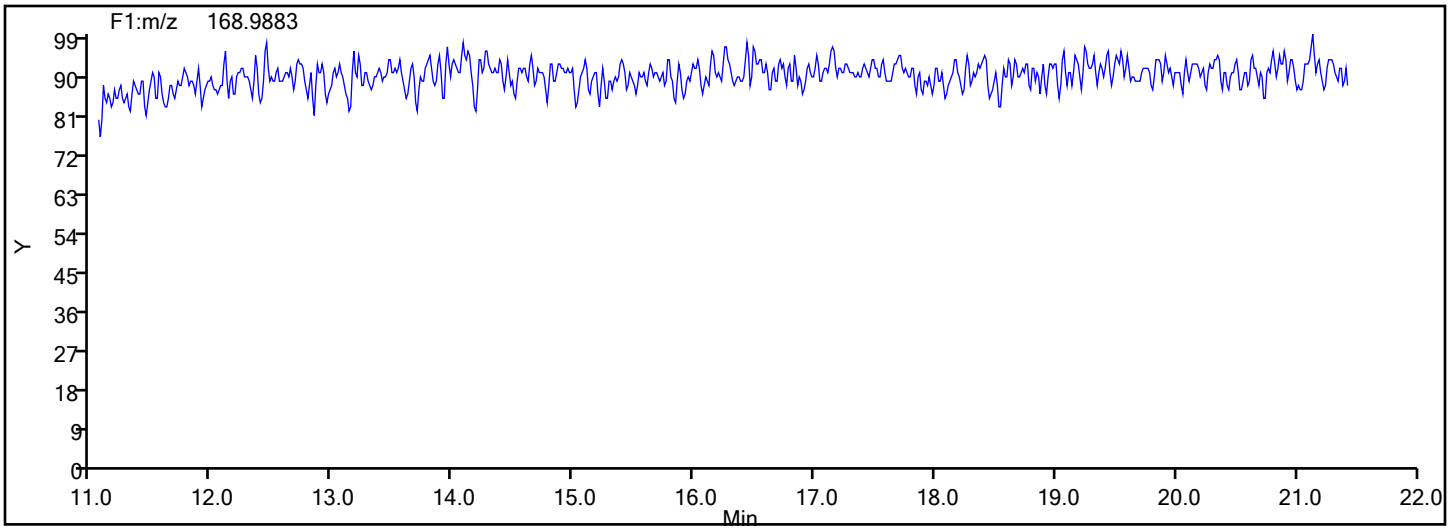
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



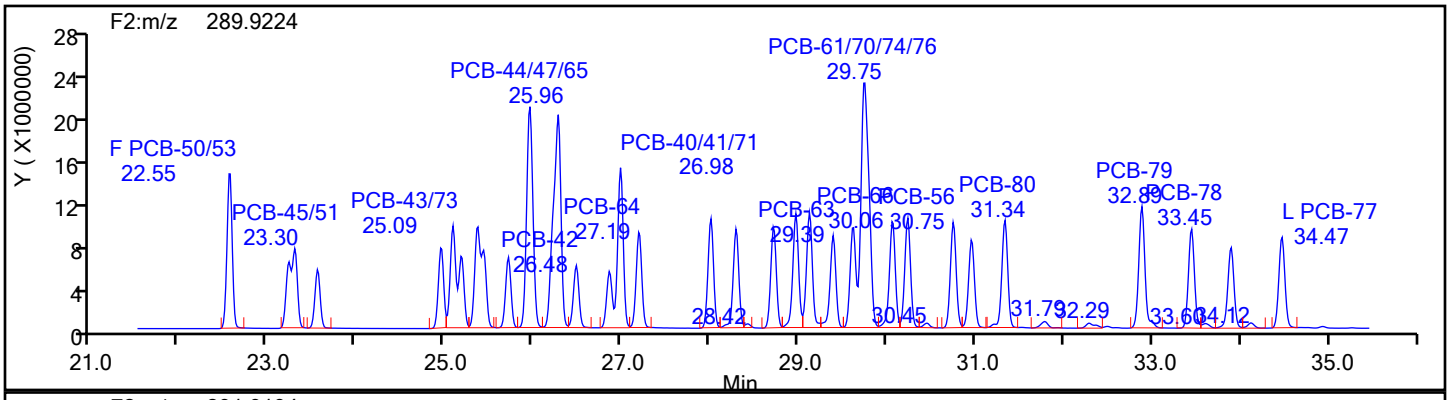
Report Date: 08-Oct-2021 19:11:21 Chrom Revision: 2.3 22-Sep-2021 15:38:46

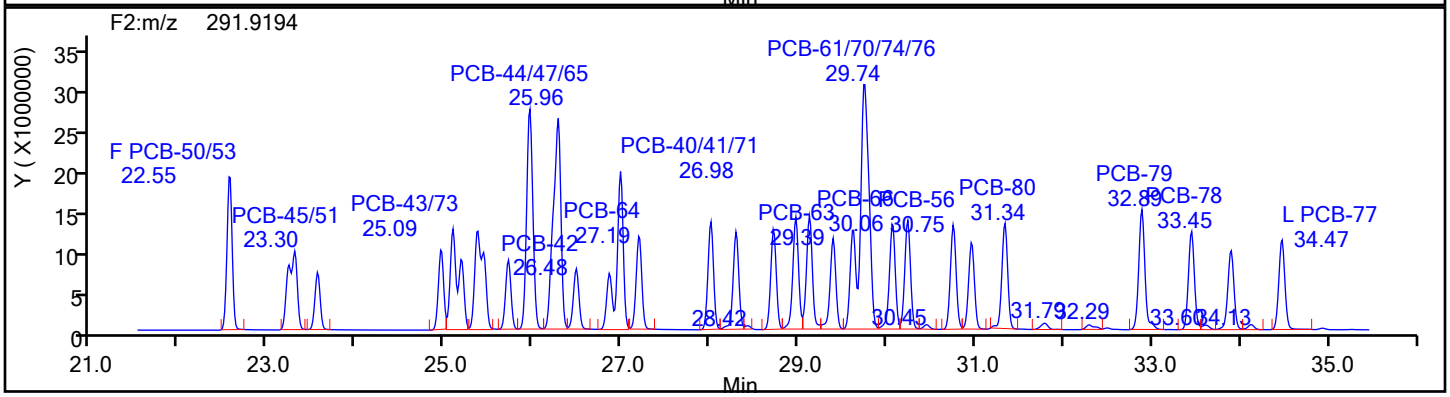
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

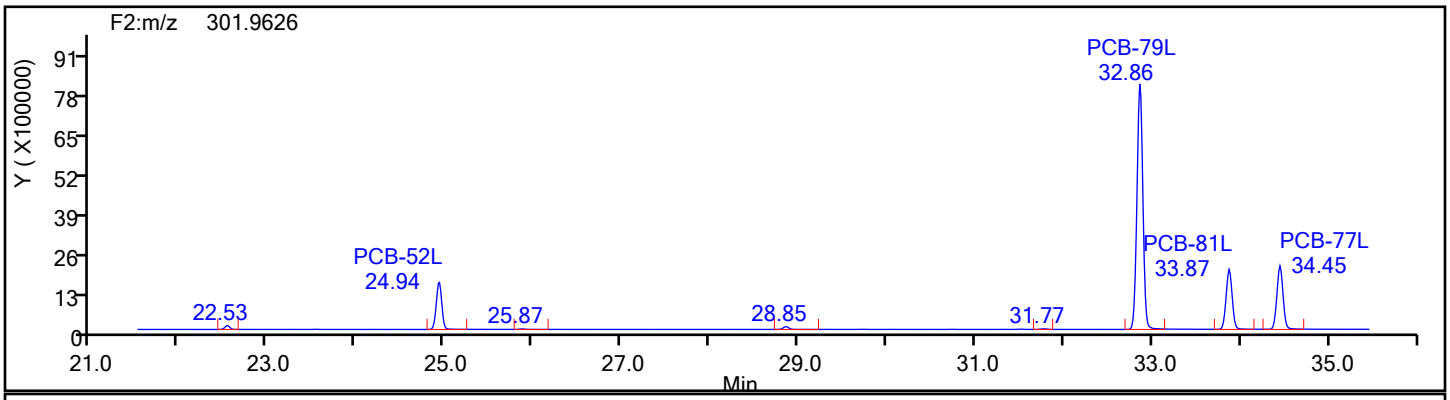
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

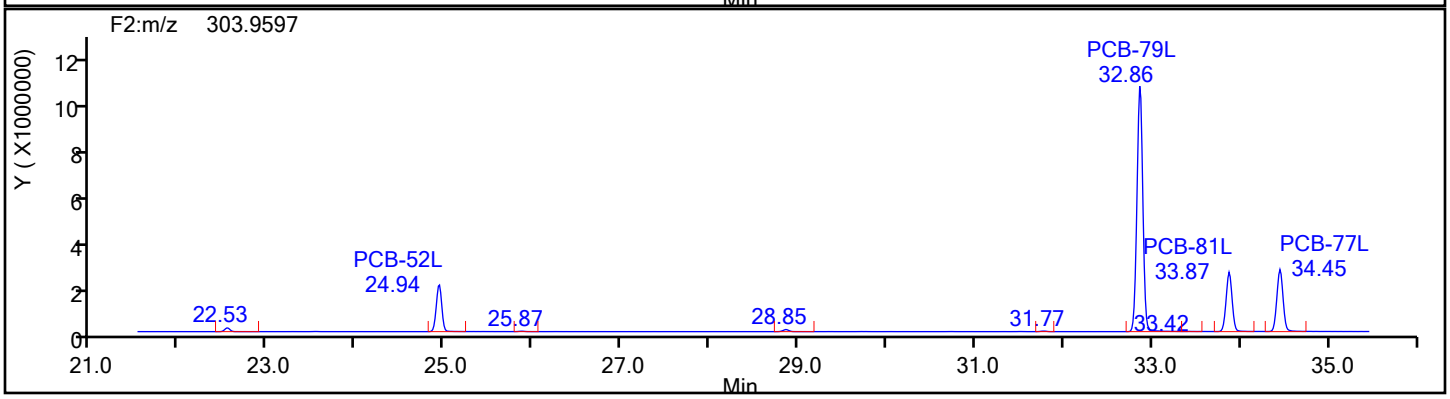
TePCB F2





TePCB F2 Standards



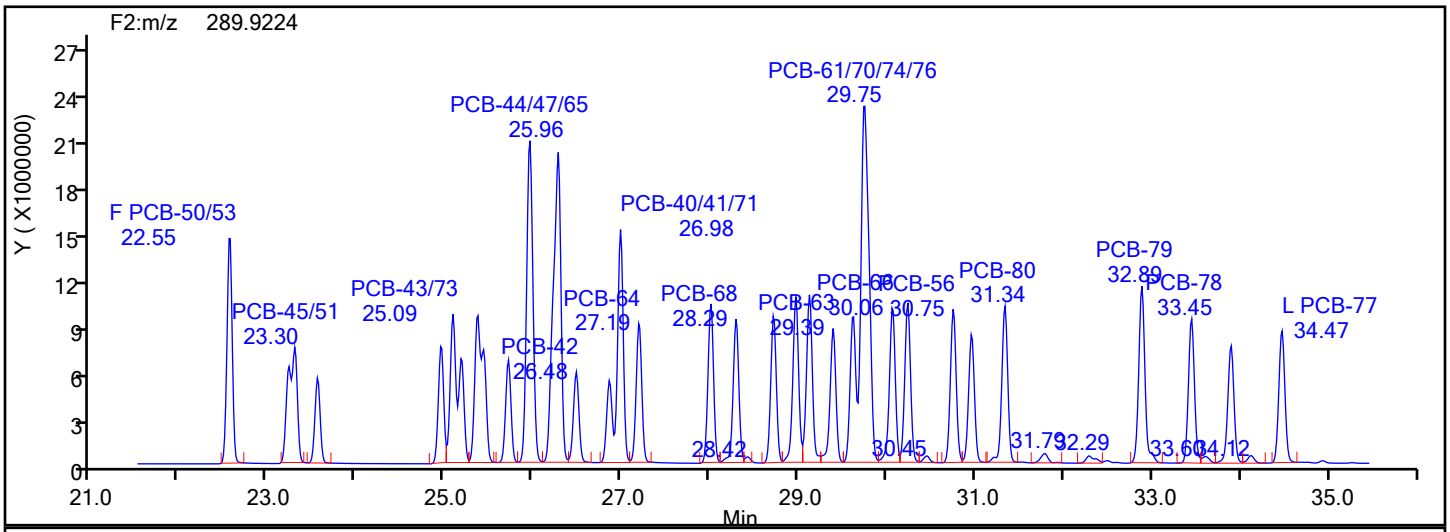


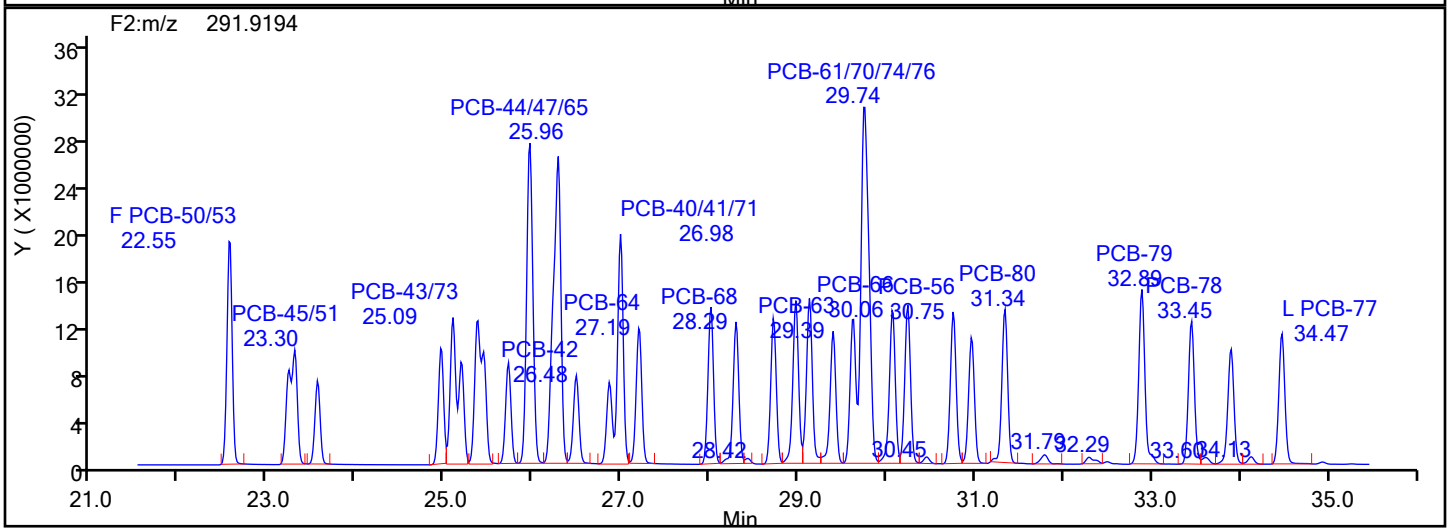
Report Date: 08-Oct-2021 19:11:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

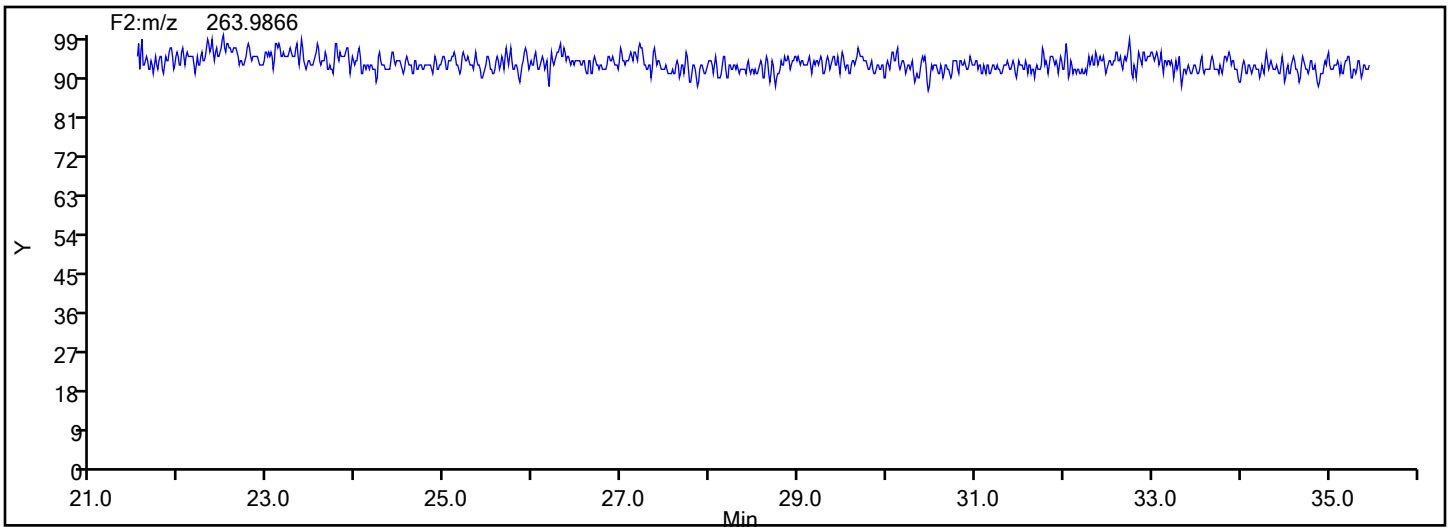
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

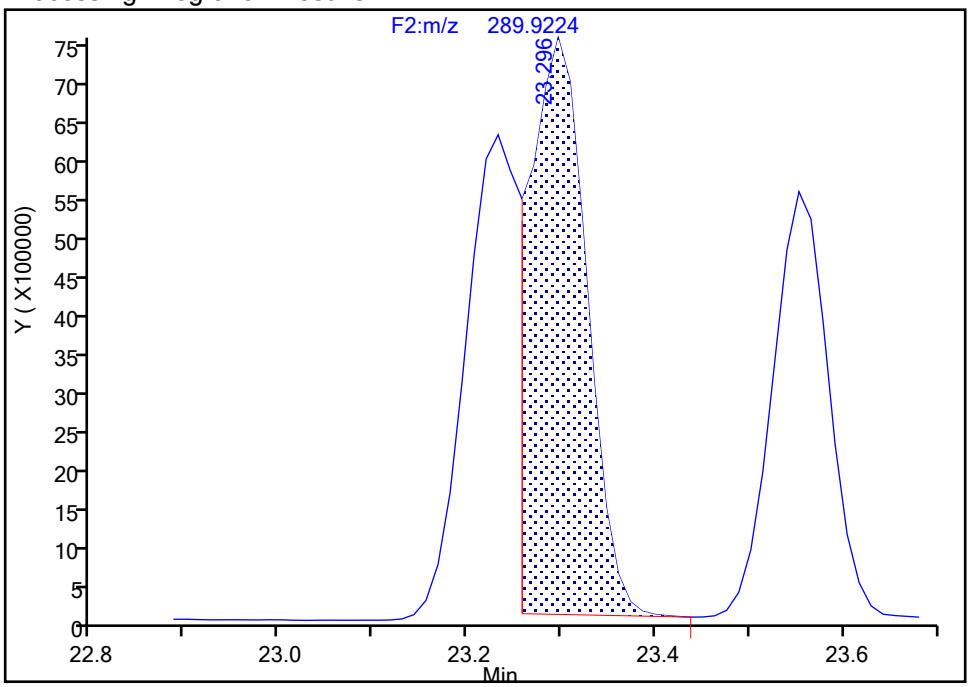
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 1

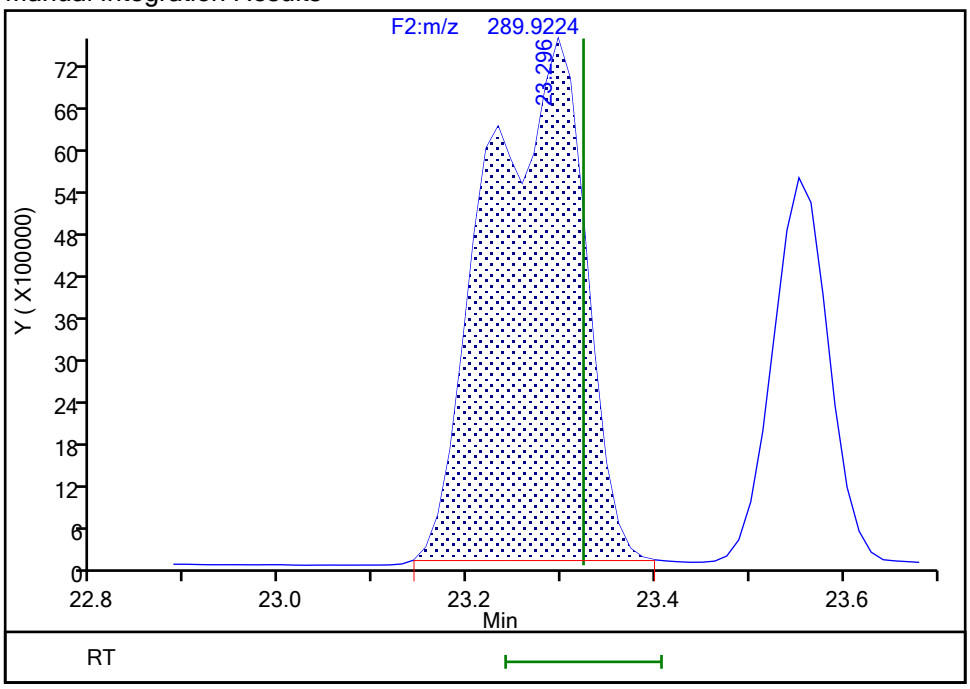
Processing Integration Results

RT: 23.30
Area: 30778326
Amount: 494.4512
Amount Units: pg/ul



Manual Integration Results

RT: 23.30
Area: 54362107
Amount: 784.0077
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:03:02

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

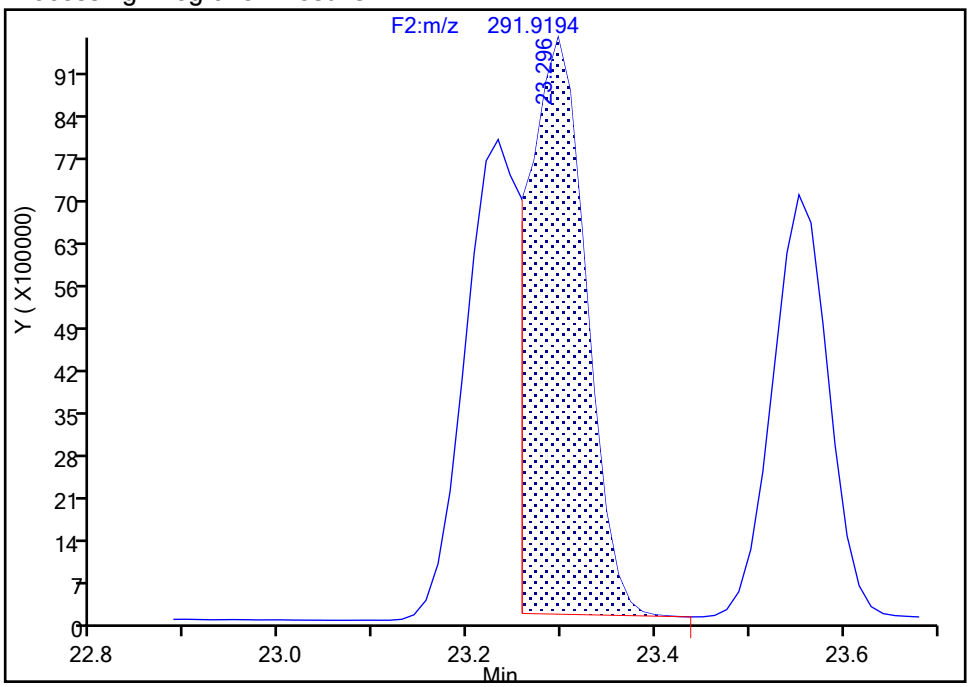
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-45/51, CAS: STL01804

Signal: 2

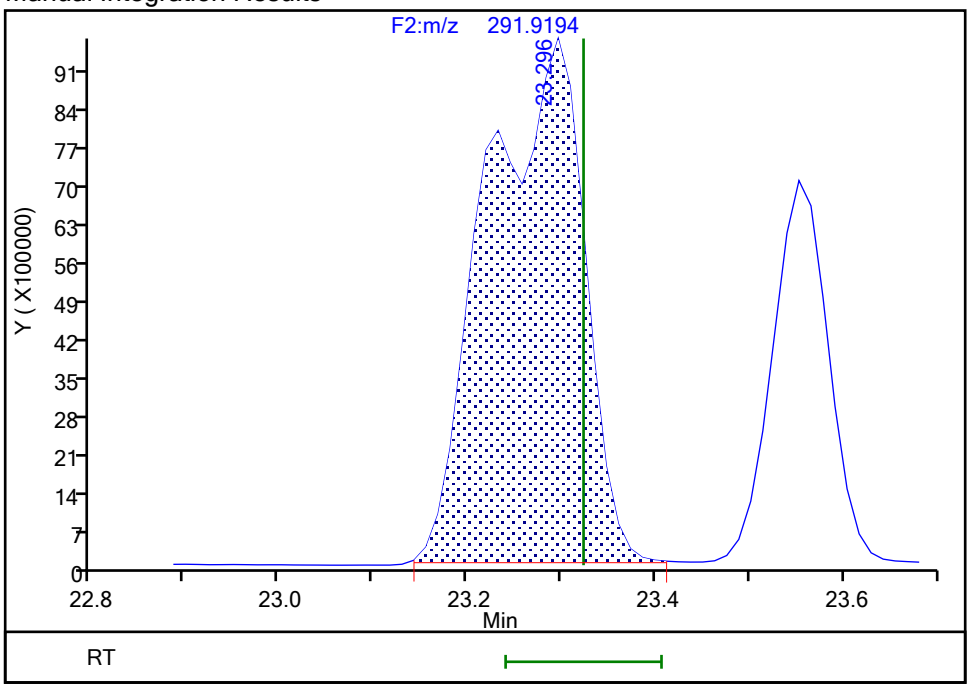
Processing Integration Results

RT: 23.30
Area: 39001925
Amount: 494.4512
Amount Units: pg/ul



Manual Integration Results

RT: 23.30
Area: 69785226
Amount: 784.0077
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:03:07
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

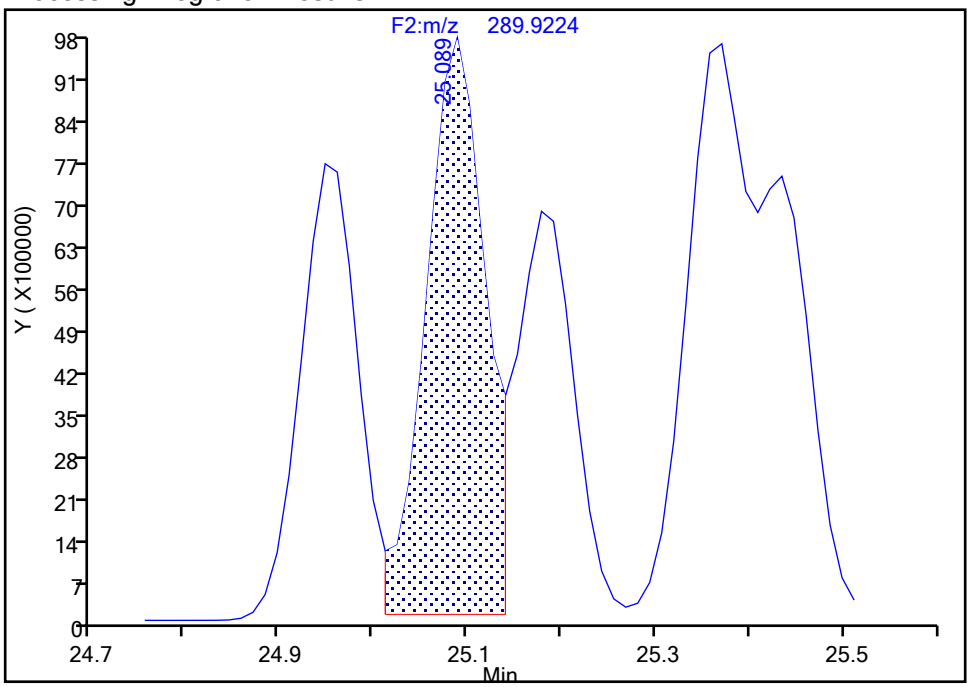
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-43/73, CAS: STL02293

Signal: 1

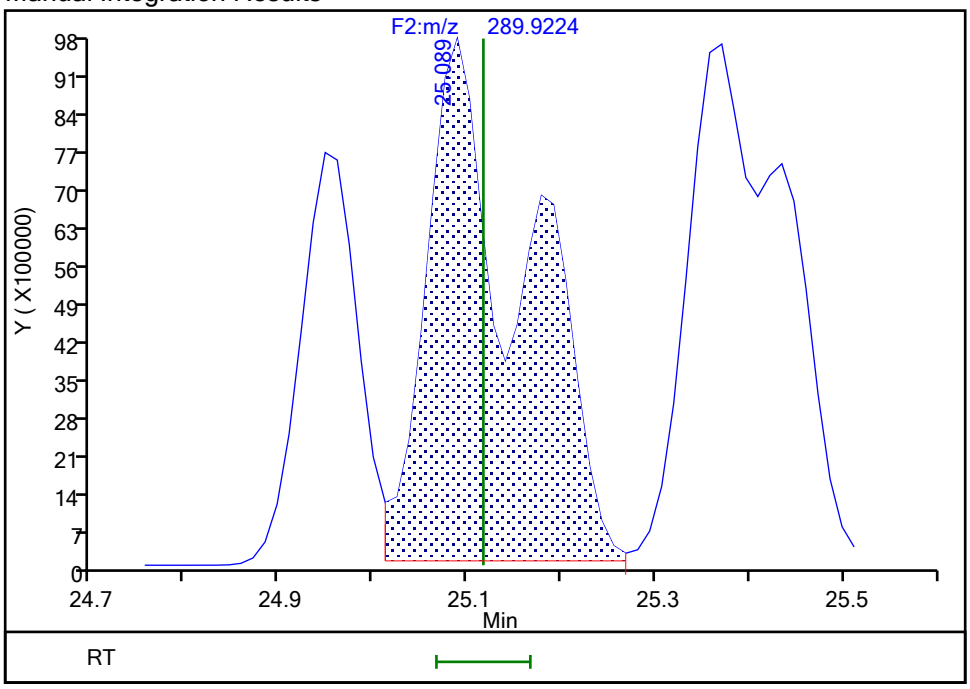
Processing Integration Results

RT: 25.09
Area: 41660559
Amount: 526.7401
Amount Units: pg/ul



Manual Integration Results

RT: 25.09
Area: 69939082
Amount: 793.7510
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:03:15

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

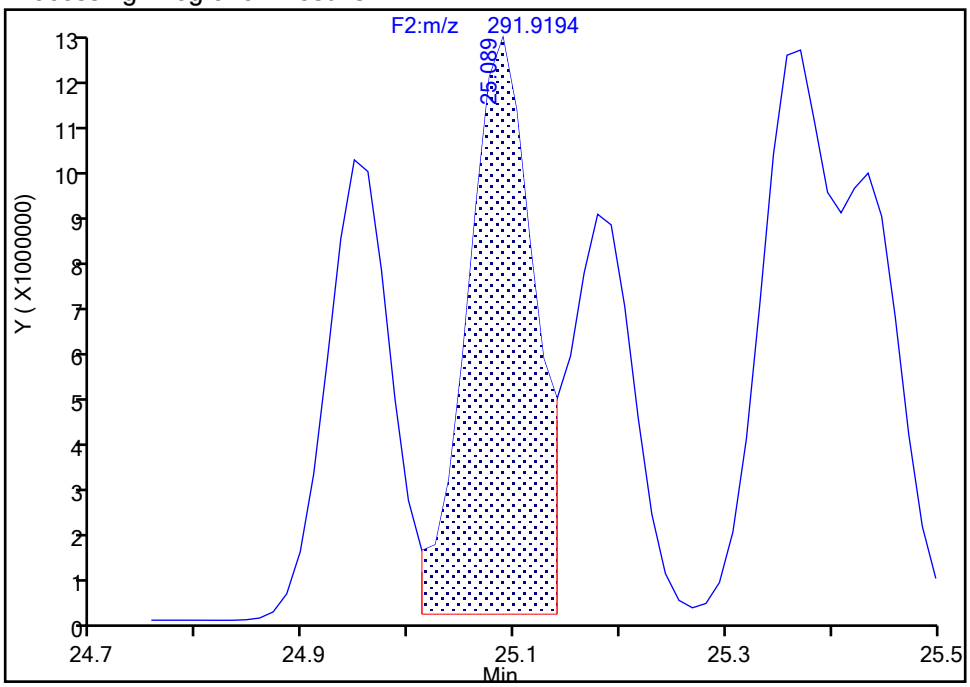
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 2

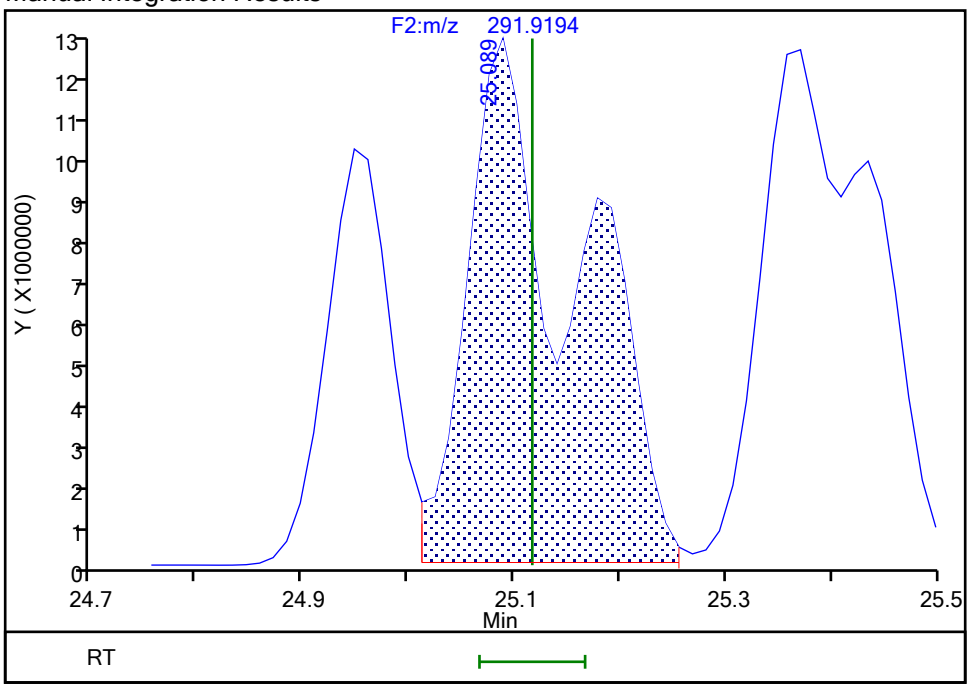
Processing Integration Results

RT: 25.09
Area: 53173214
Amount: 526.7401
Amount Units: pg/ul



Manual Integration Results

RT: 25.09
Area: 89325876
Amount: 793.7510
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:03:22
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

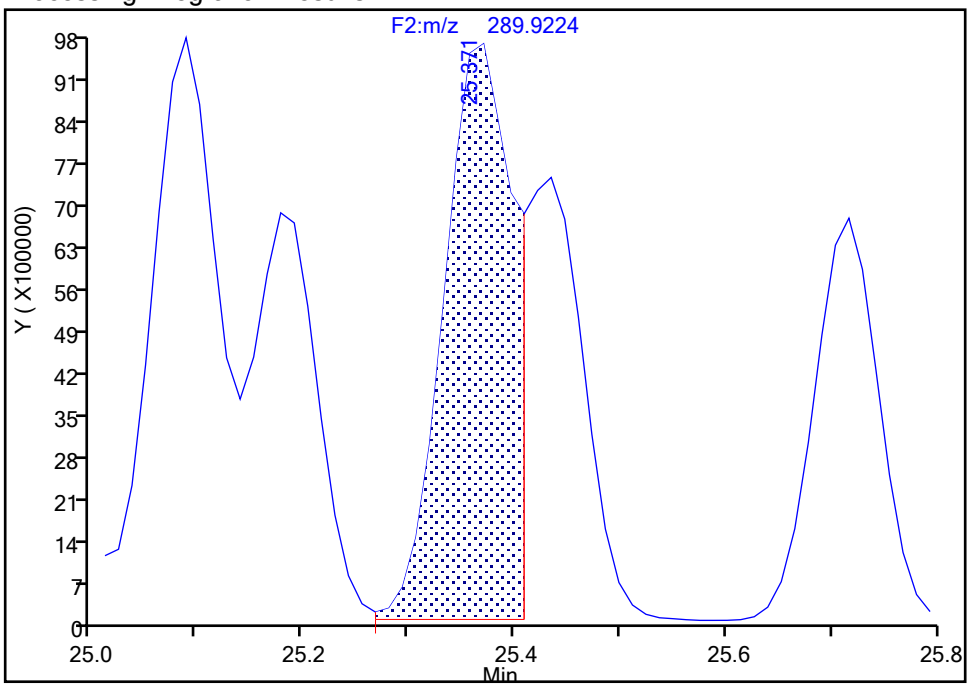
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-49/69, CAS: STL01805

Signal: 1

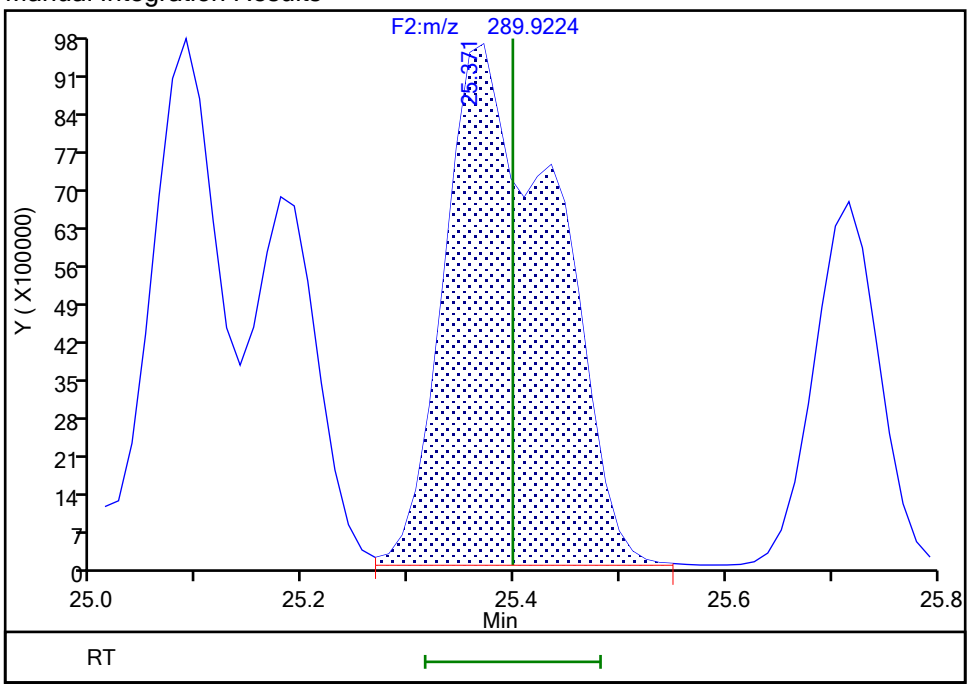
Processing Integration Results

RT: 25.37
Area: 42498746
Amount: 537.9216
Amount Units: pg/ul



Manual Integration Results

RT: 25.37
Area: 69661395
Amount: 793.0527
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:03:31

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

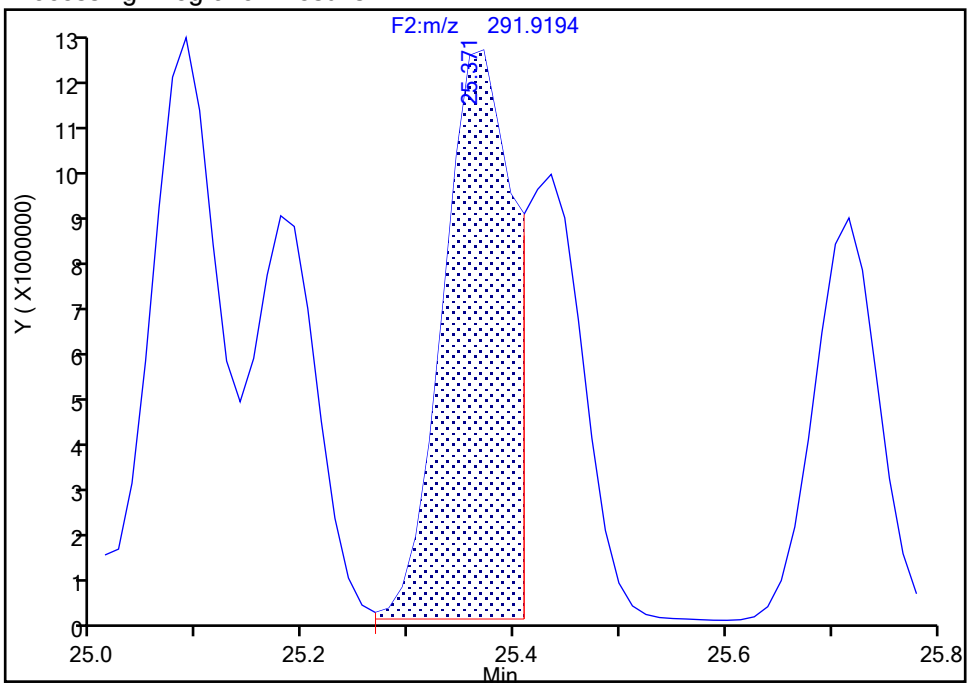
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 2

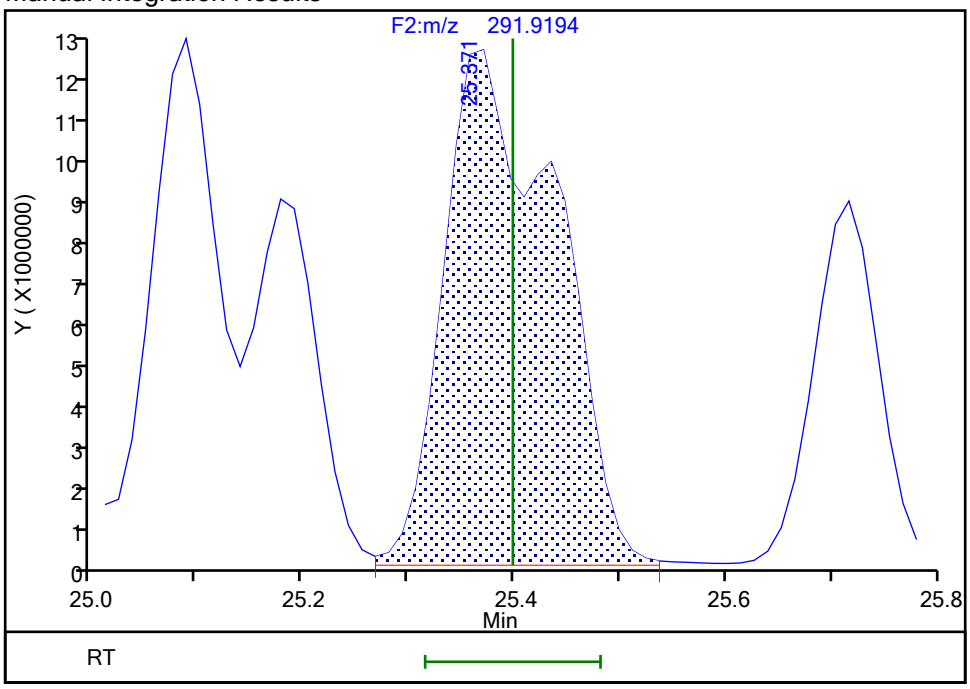
Processing Integration Results

RT: 25.37
Area: 54203390
Amount: 537.9216
Amount Units: pg/ul



Manual Integration Results

RT: 25.37
Area: 89439105
Amount: 793.0527
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:03:36
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

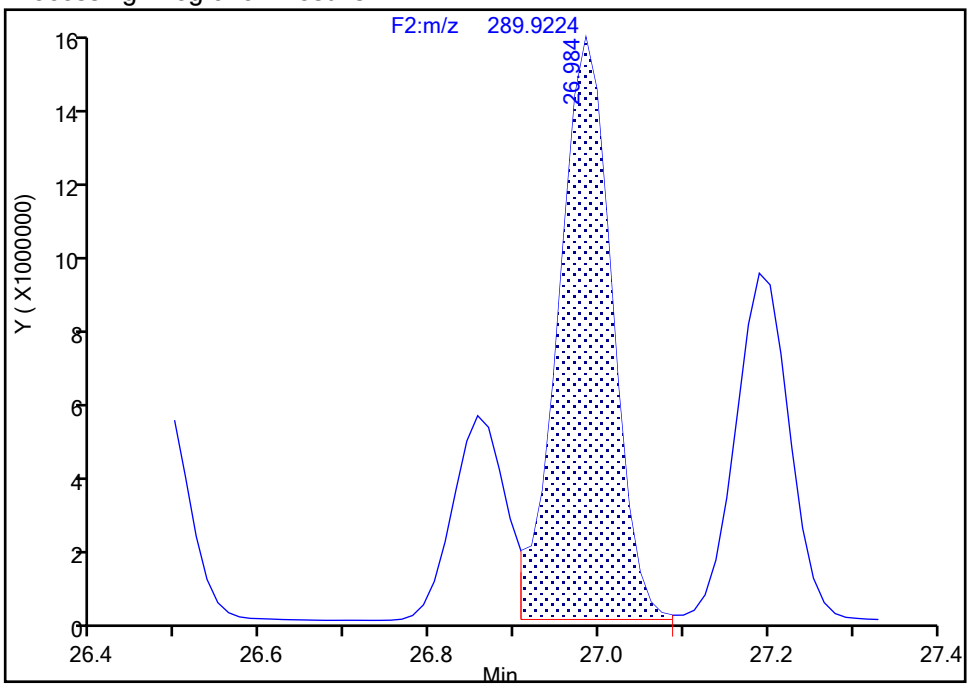
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

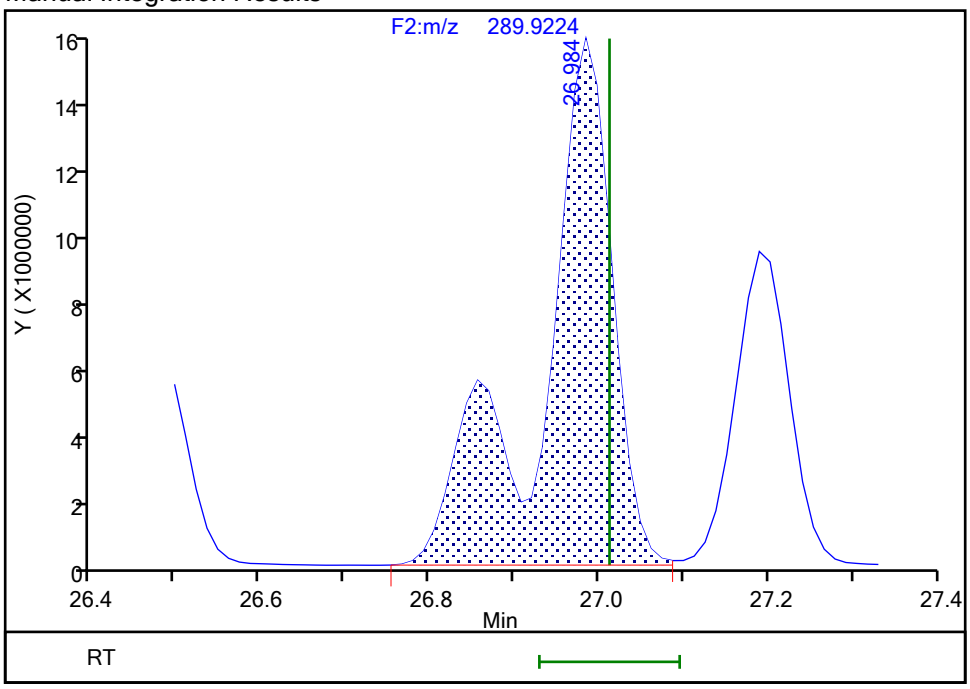
Processing Integration Results

RT: 26.98
Area: 66232332
Amount: 939.6493
Amount Units: pg/ul



Manual Integration Results

RT: 26.98
Area: 89068753
Amount: 1189.6552
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:03:51

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

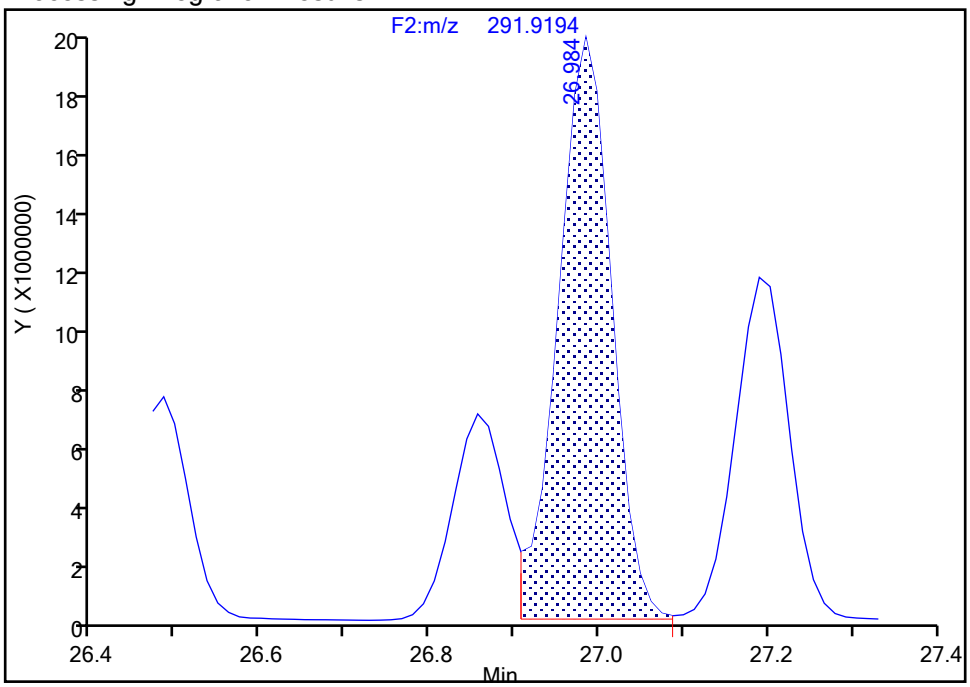
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-40/41/71, CAS: STL02292

Signal: 2

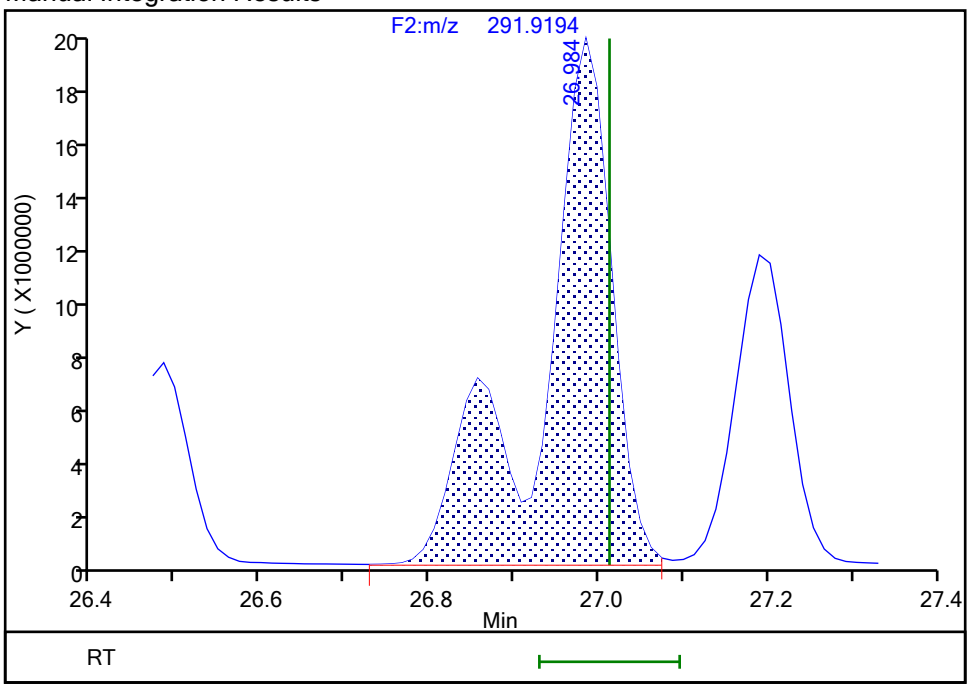
Processing Integration Results

RT: 26.98
Area: 84370015
Amount: 939.6493
Amount Units: pg/ul



Manual Integration Results

RT: 26.98
Area: 114430540
Amount: 1189.6552
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:03:55
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

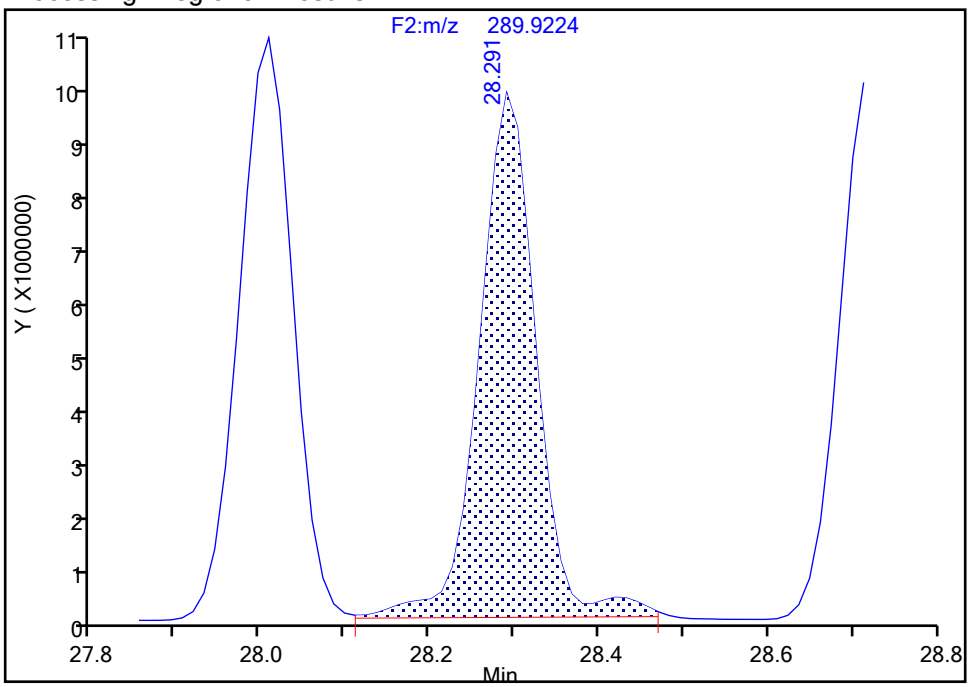
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-68, CAS: 73575-52-7

Signal: 1

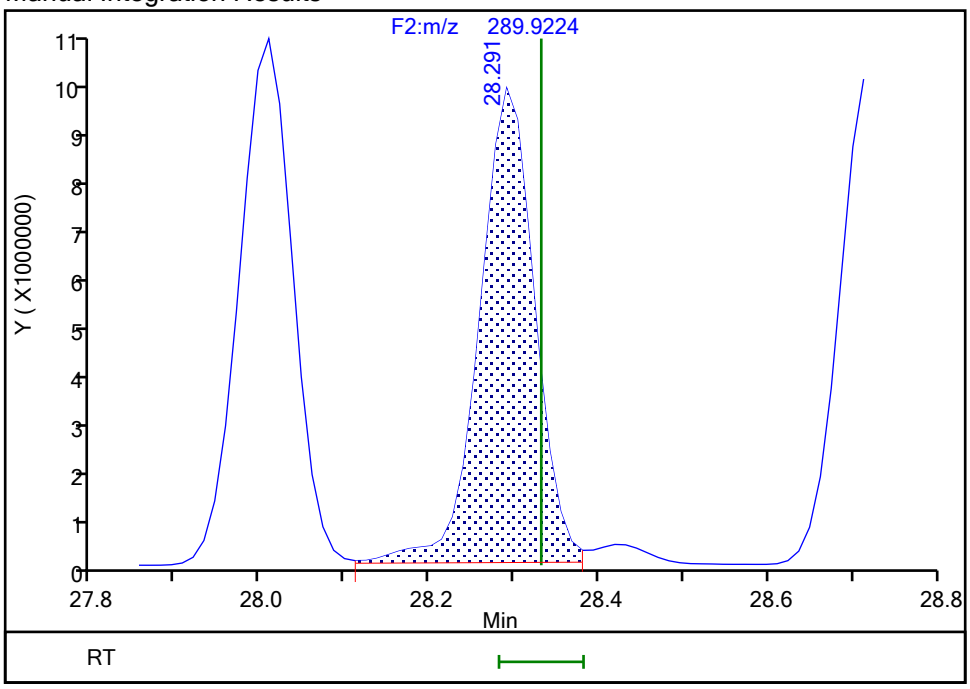
Processing Integration Results

RT: 28.29
Area: 43724665
Amount: 398.7519
Amount Units: pg/ul



Manual Integration Results

RT: 28.29
Area: 42316759
Amount: 381.8953
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:04:03

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

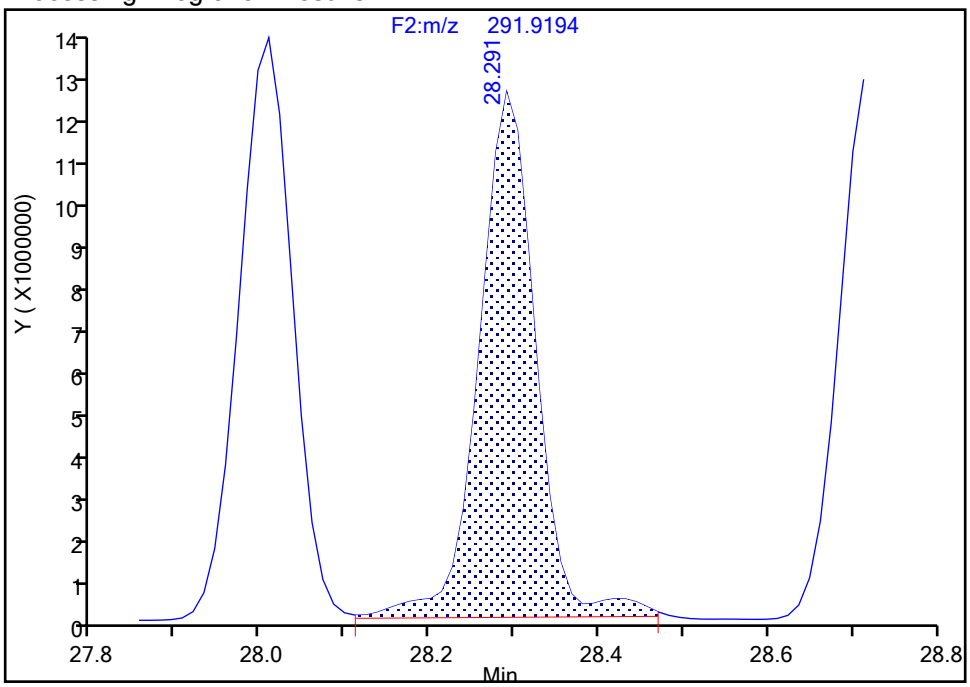
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-68, CAS: 73575-52-7

Signal: 2

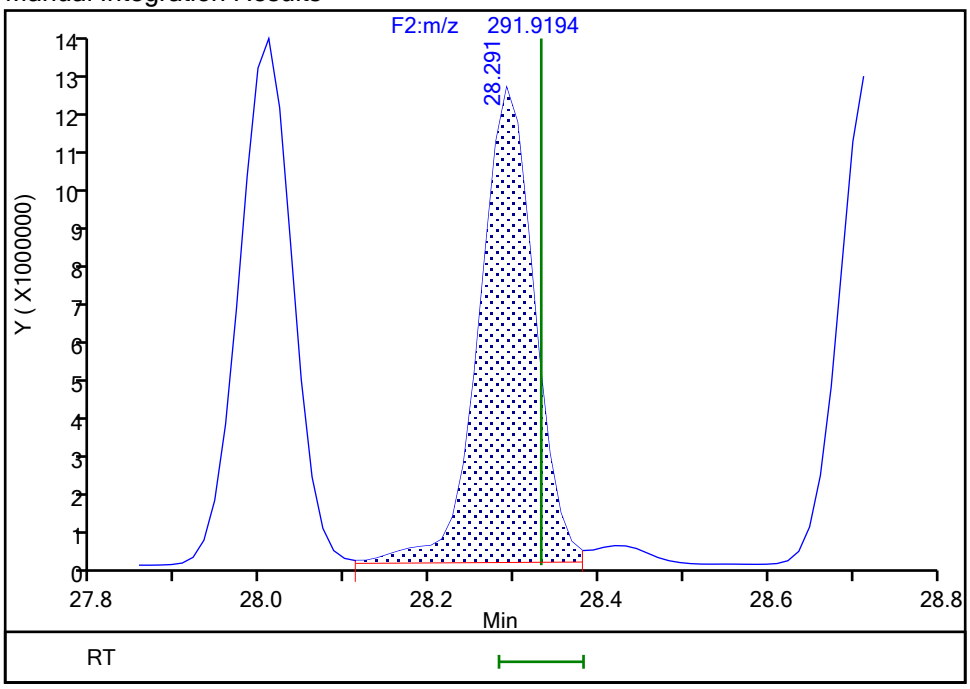
Processing Integration Results

RT: 28.29
Area: 55859865
Amount: 398.7519
Amount Units: pg/ul



Manual Integration Results

RT: 28.29
Area: 54148460
Amount: 381.8953
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:04:05
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:11:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

Injection Date: 08-Oct-2021 15:56:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

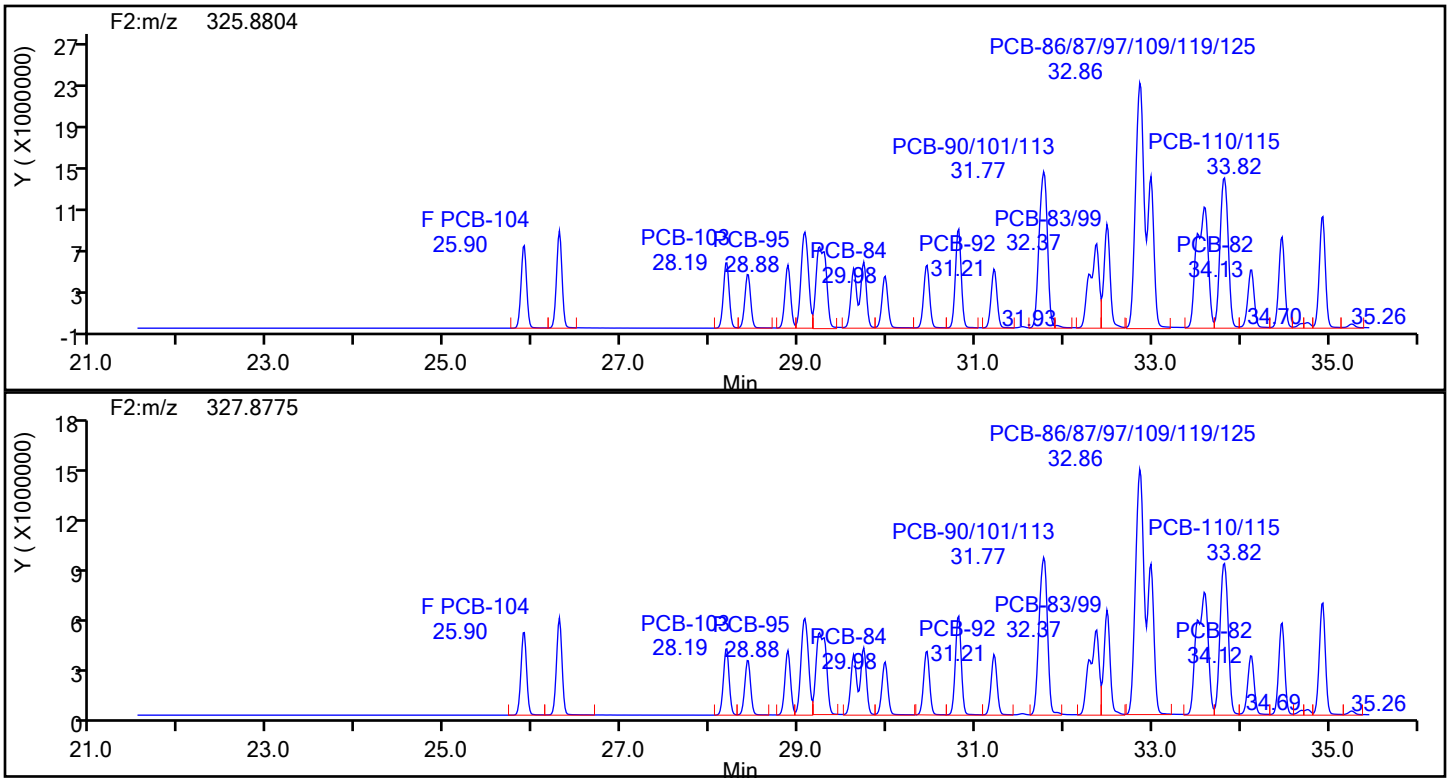
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

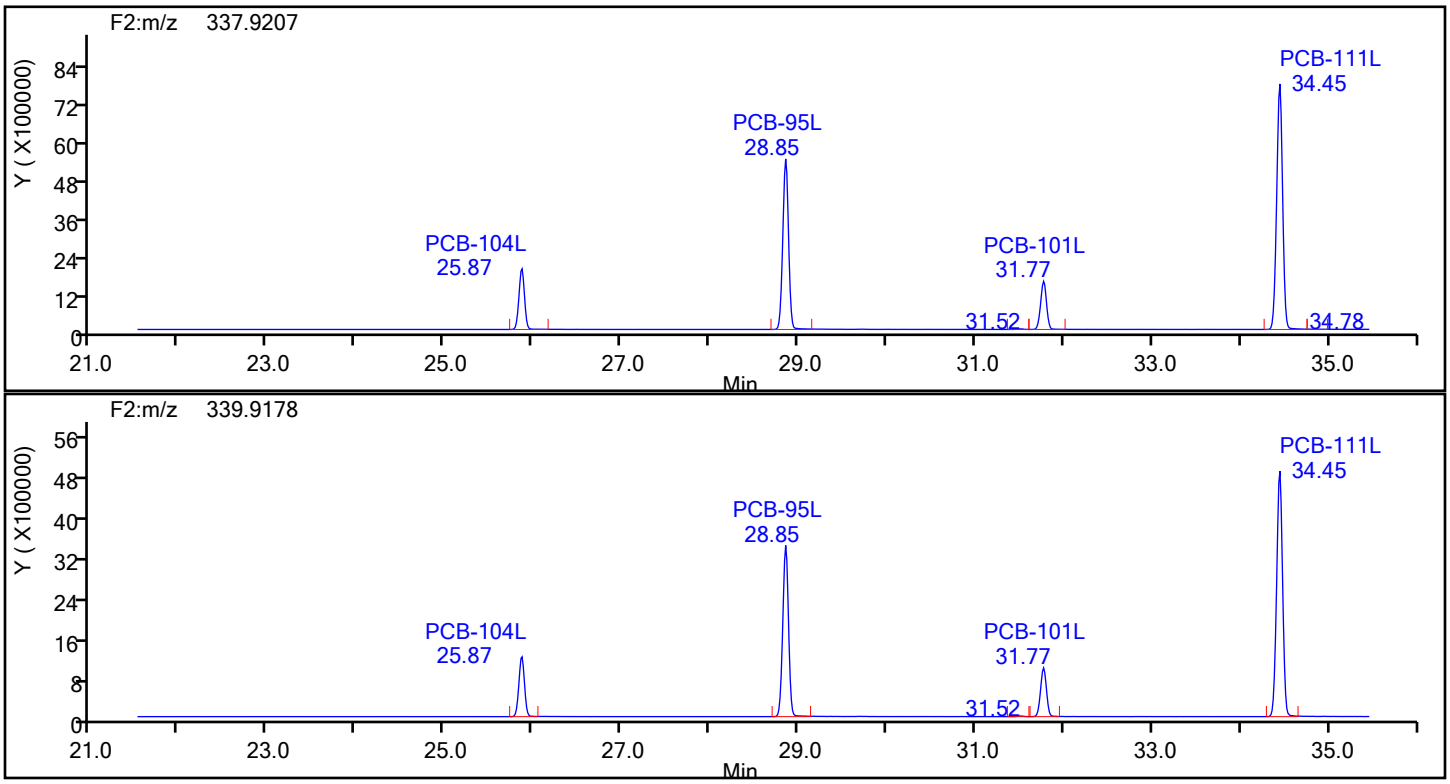
Worklist#: 54640 Sample Line#: 5

Column Type: Column Dia:

PePCB F2



PePCB F2 Standards

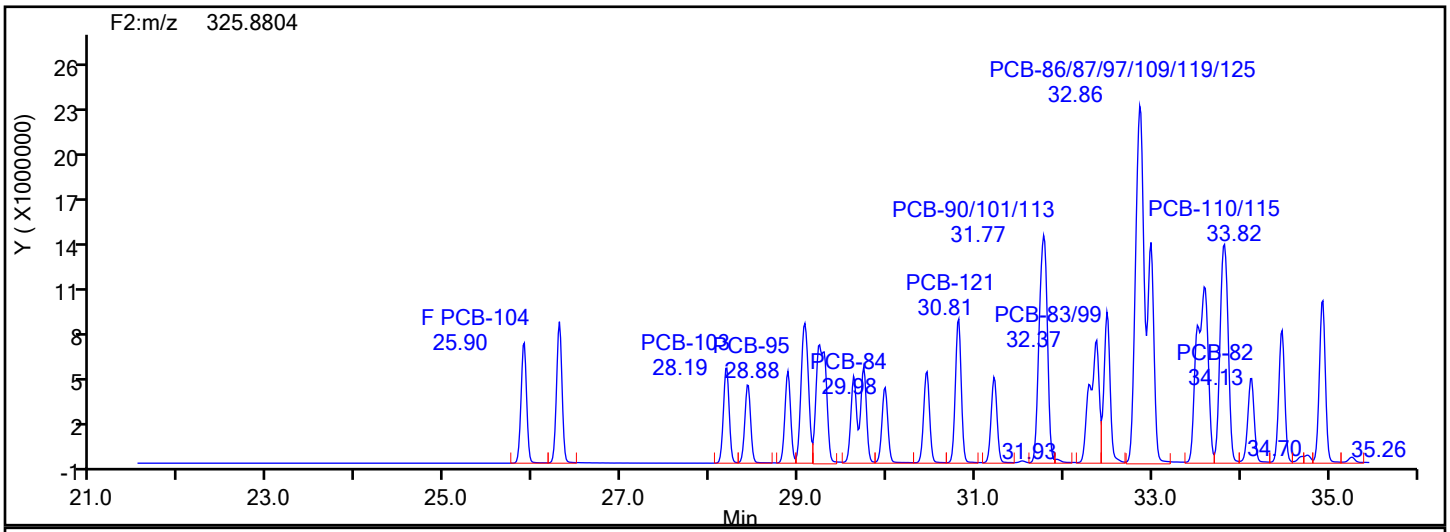


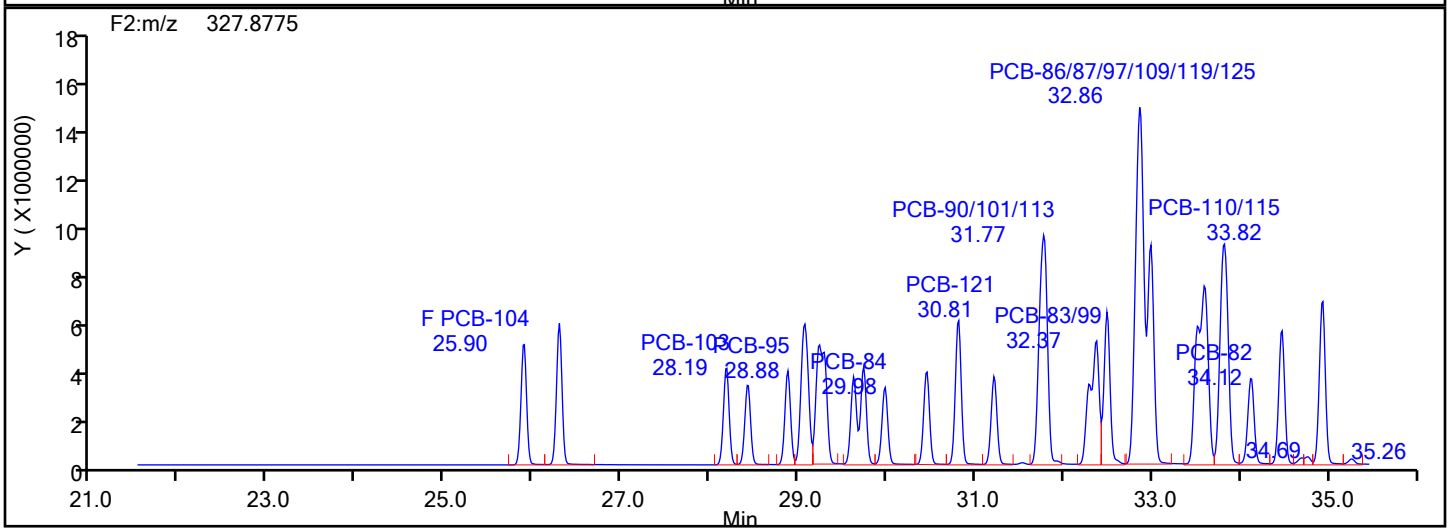
Report Date: 08-Oct-2021 19:11:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

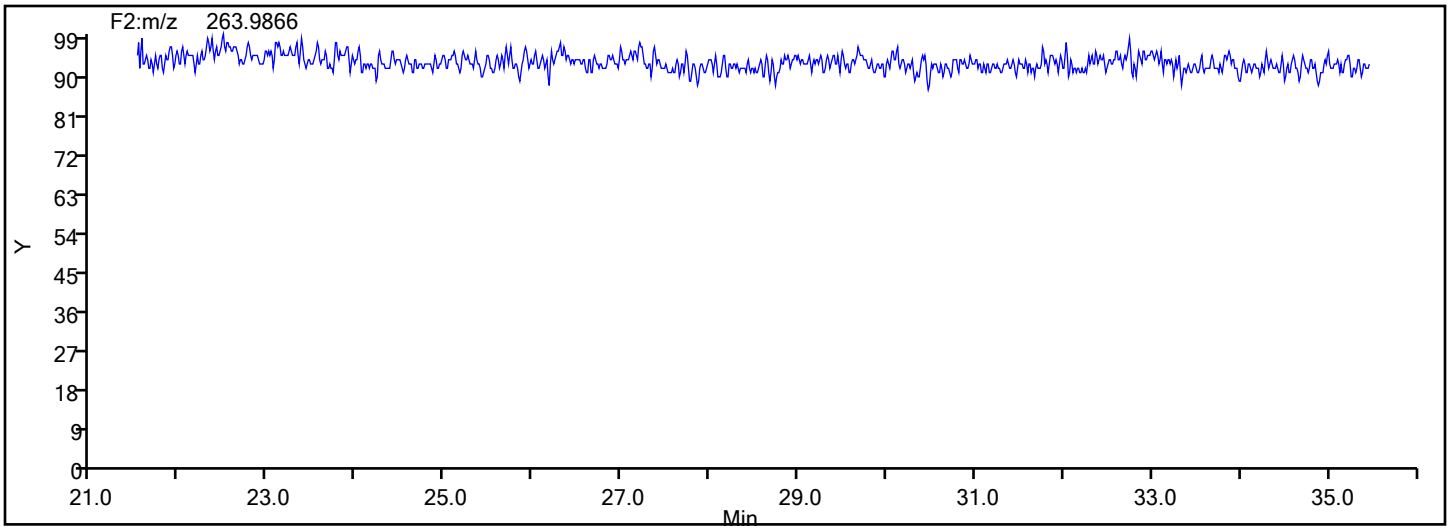
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

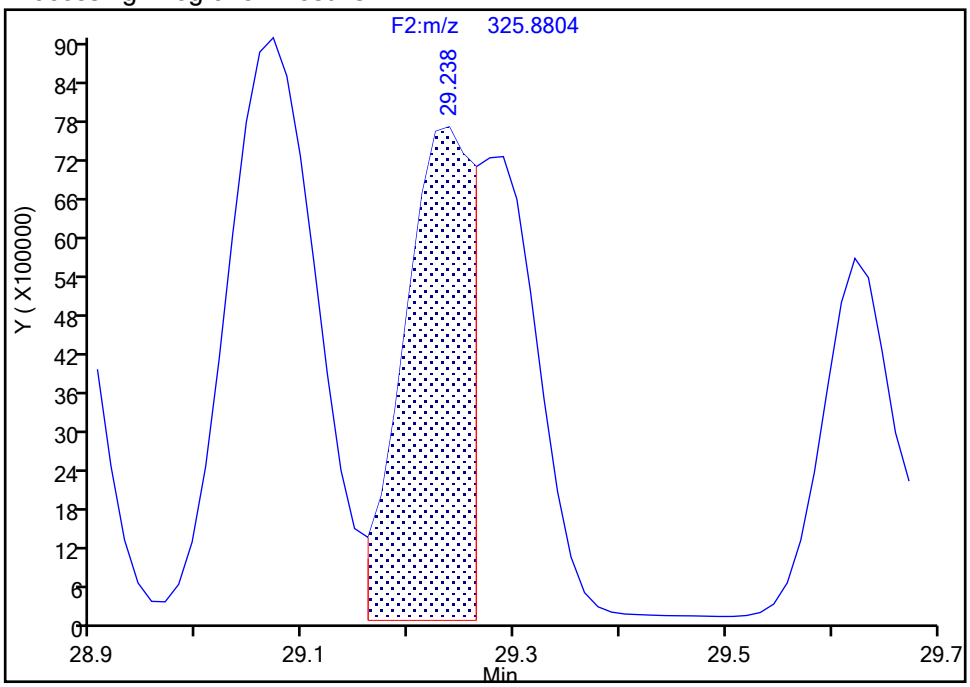
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 1

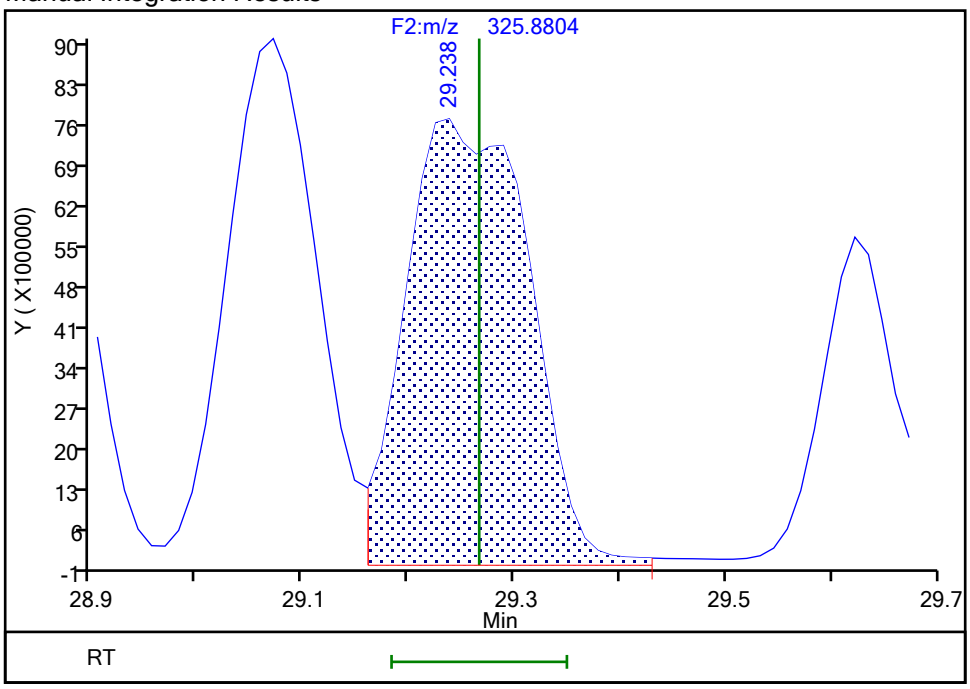
Processing Integration Results

RT: 29.24
Area: 33480427
Amount: 483.1249
Amount Units: pg/ul



Manual Integration Results

RT: 29.24
Area: 62648143
Amount: 799.4304
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:04:48
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

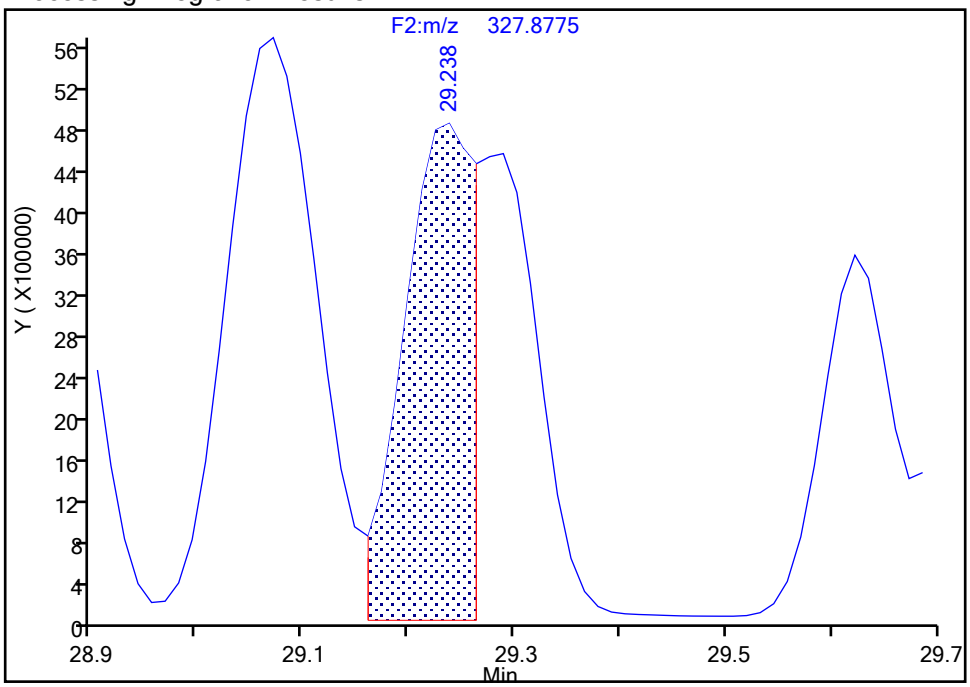
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 2

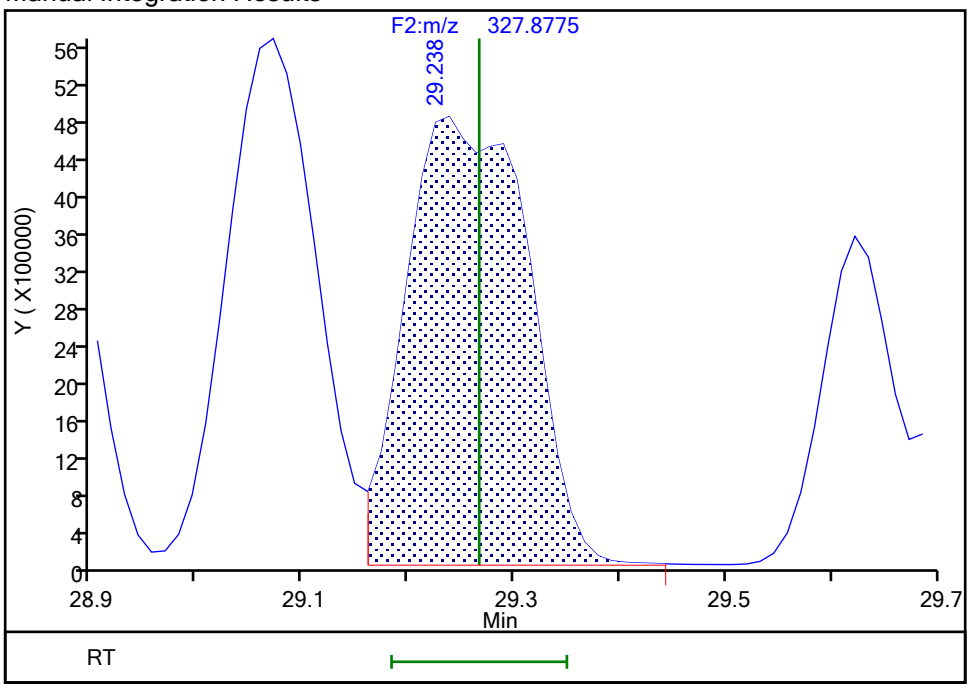
Processing Integration Results

RT: 29.24
Area: 21052313
Amount: 483.1249
Amount Units: pg/ul



Manual Integration Results

RT: 29.24
Area: 38369985
Amount: 799.4304
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:04:52
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

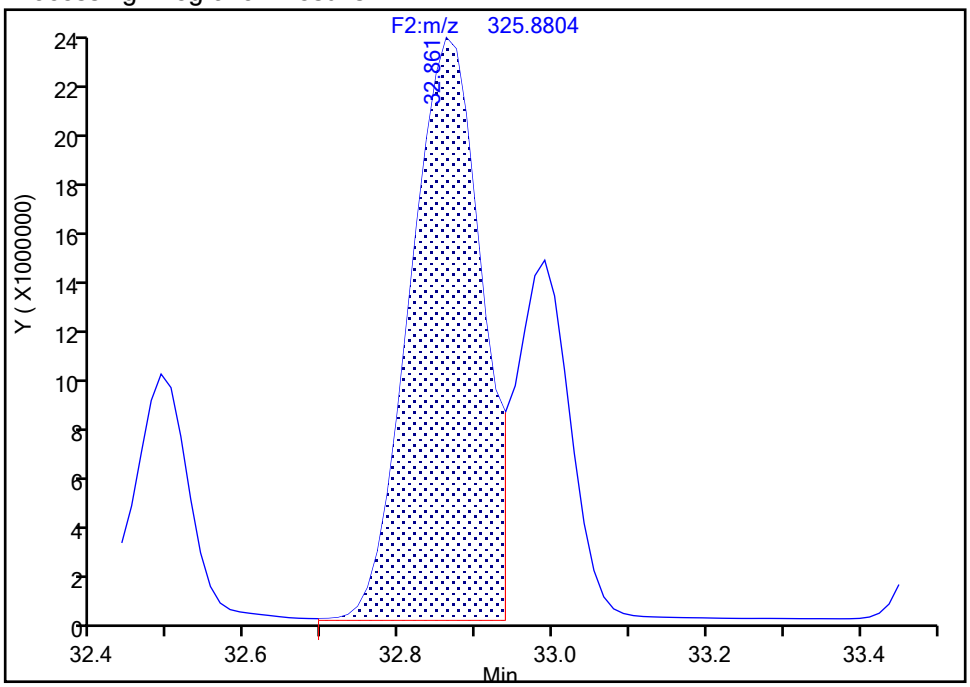
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

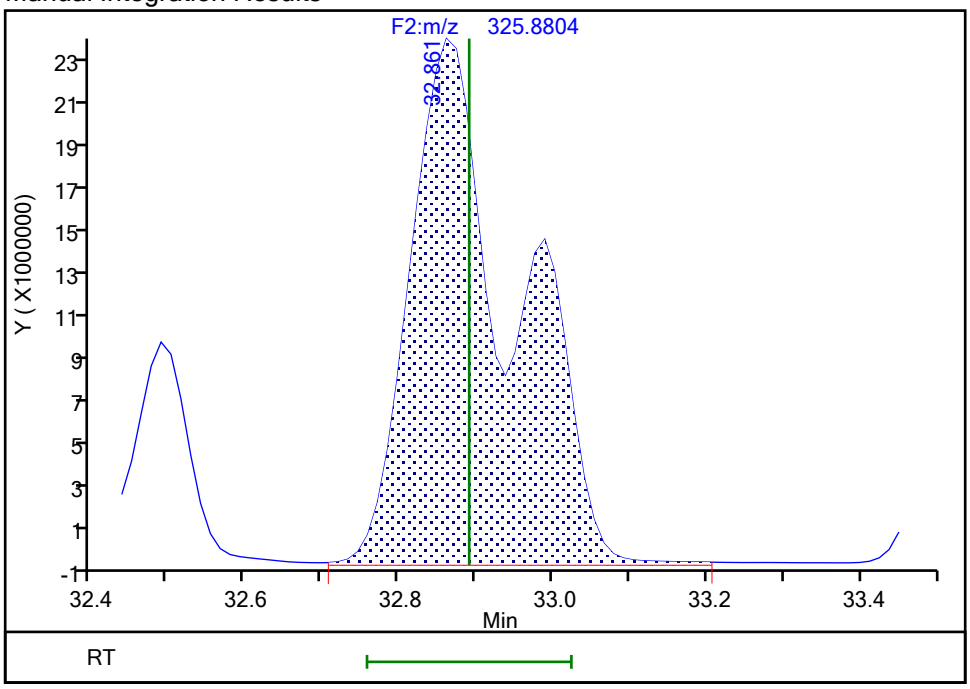
Processing Integration Results

RT: 32.86
Area: 149269829
Amount: 1868.0225
Amount Units: pg/ul



Manual Integration Results

RT: 32.86
Area: 220520164
Amount: 2515.5778
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:05:11

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

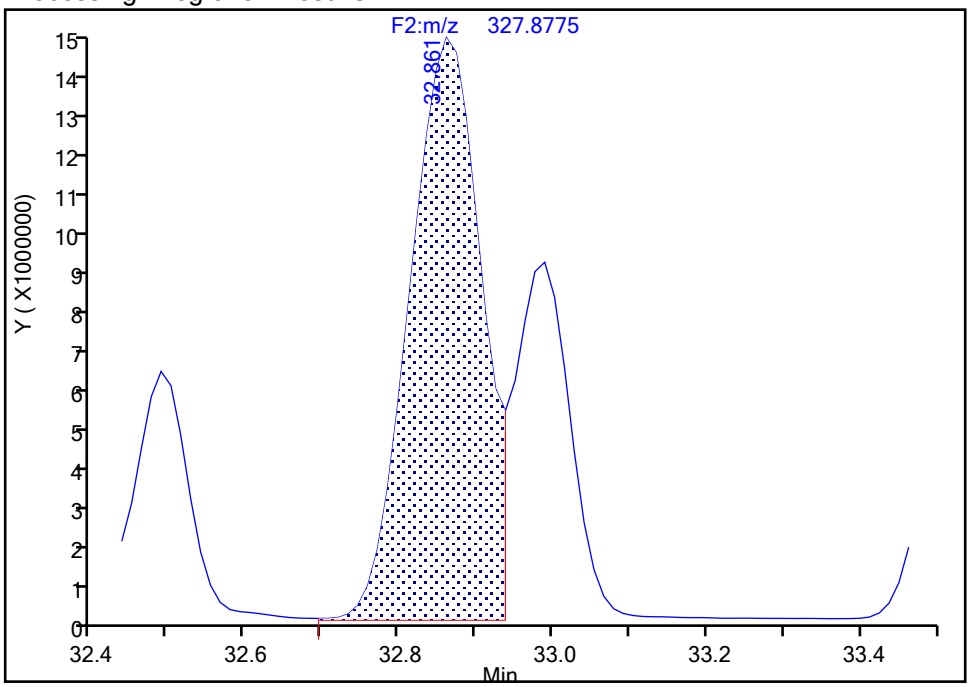
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

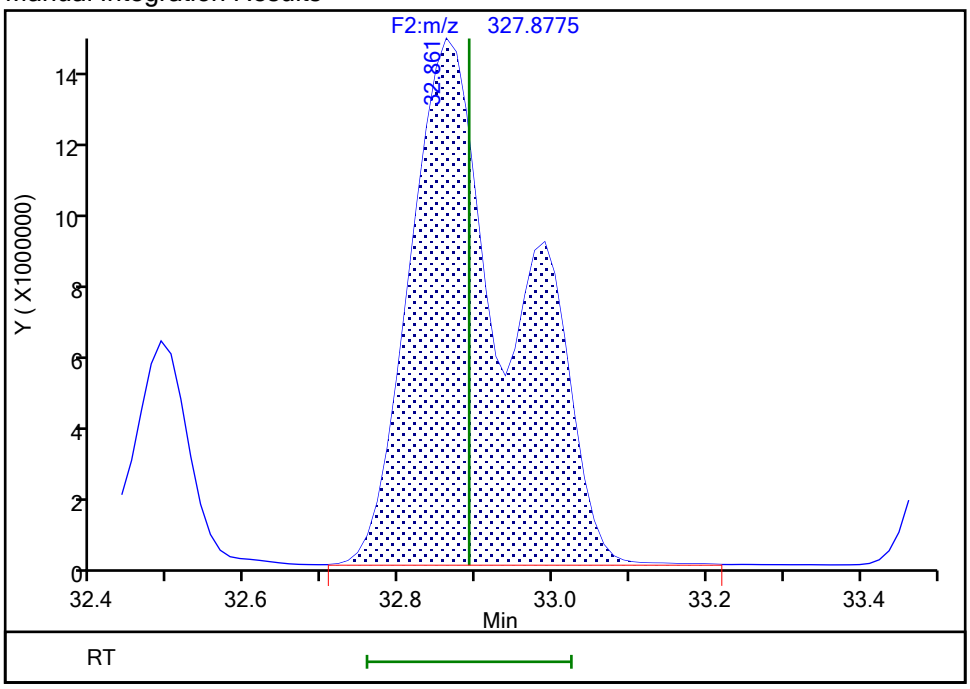
Processing Integration Results

RT: 32.86
Area: 92746379
Amount: 1868.0225
Amount Units: pg/ul



Manual Integration Results

RT: 32.86
Area: 135447454
Amount: 2515.5778
Amount Units: pg/ul



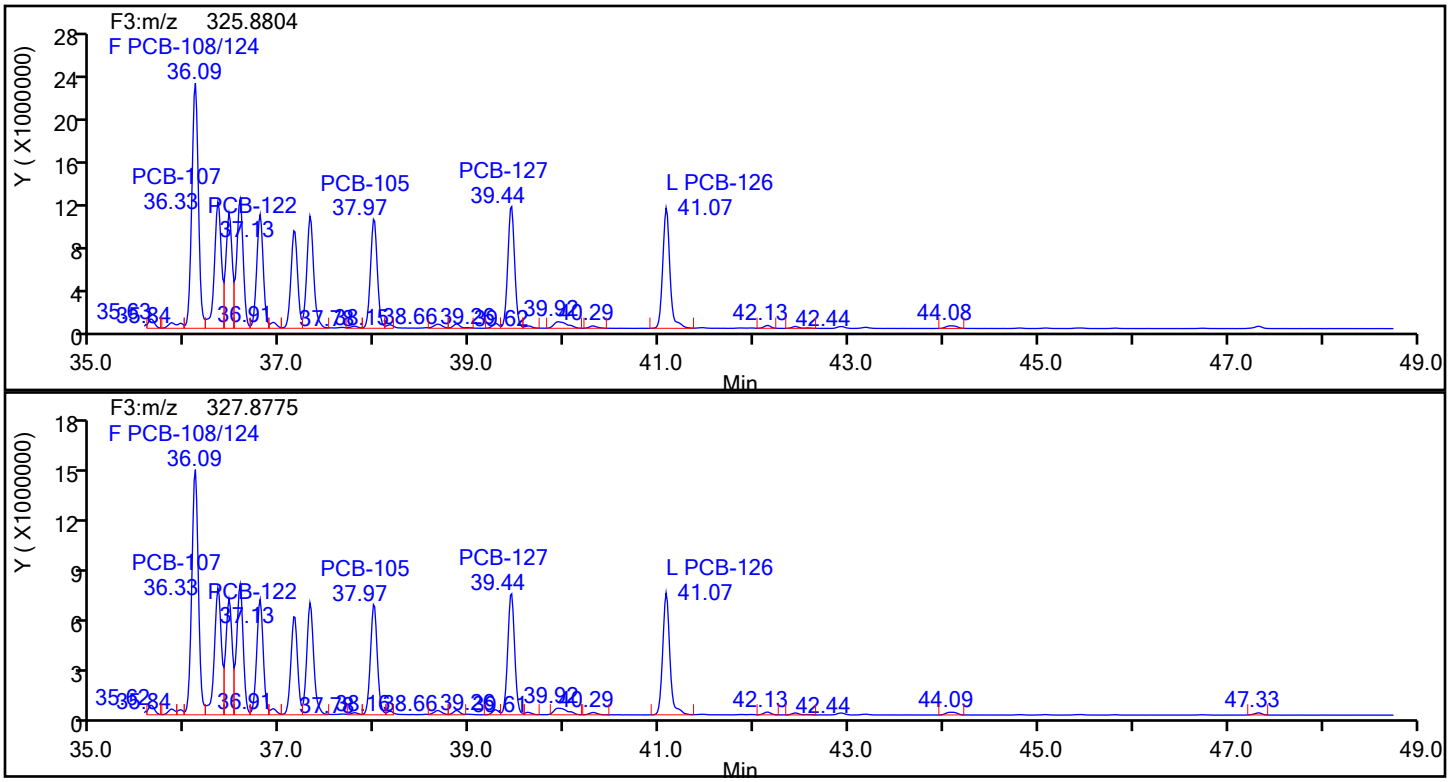
Reviewer: nordquistj, 08-Oct-2021 17:05:16
Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 08-Oct-2021 19:11:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

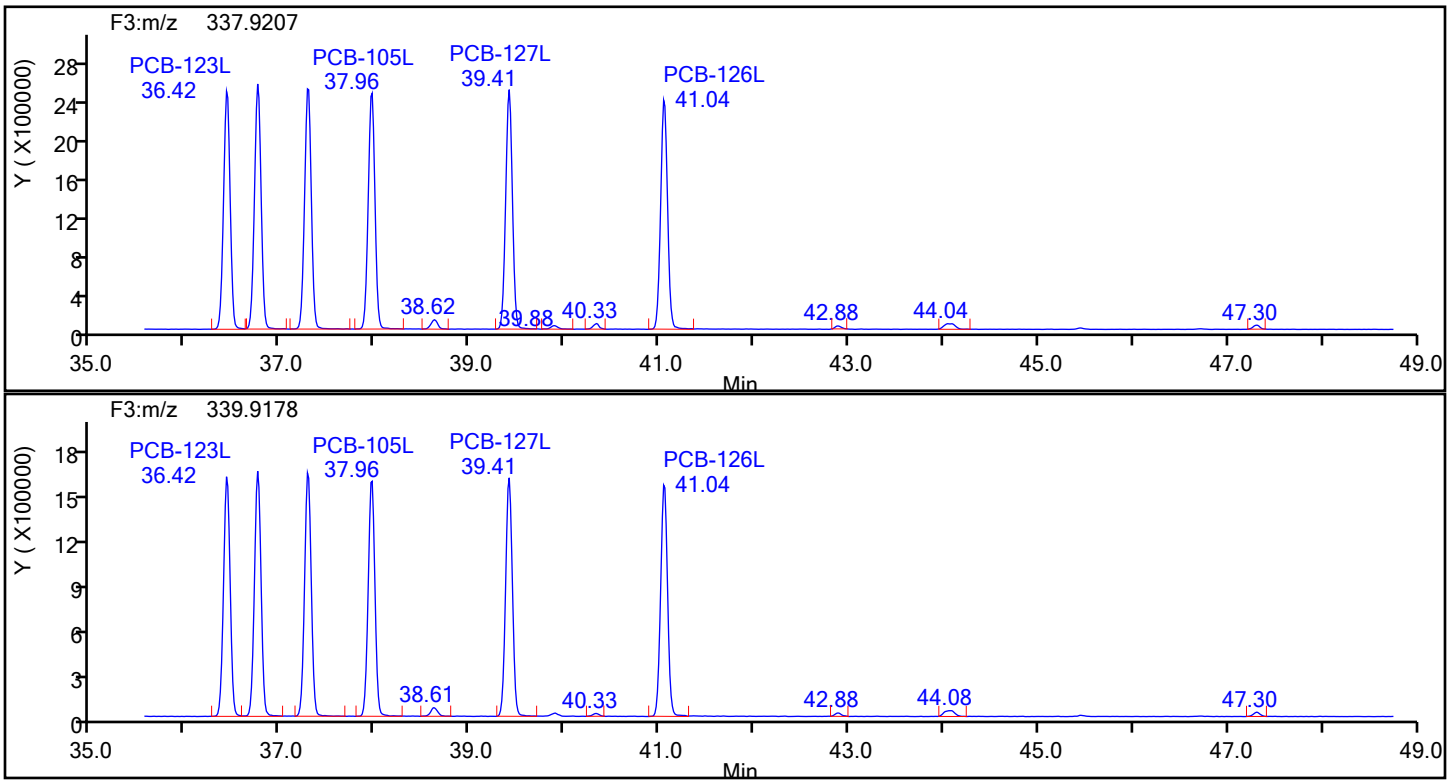
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards

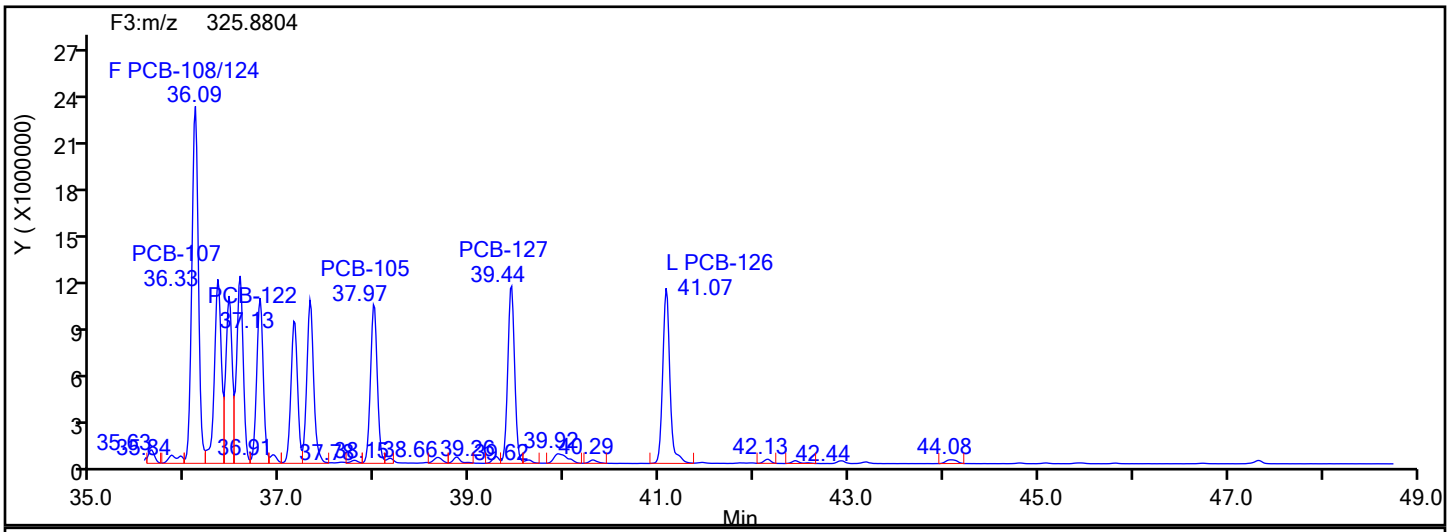


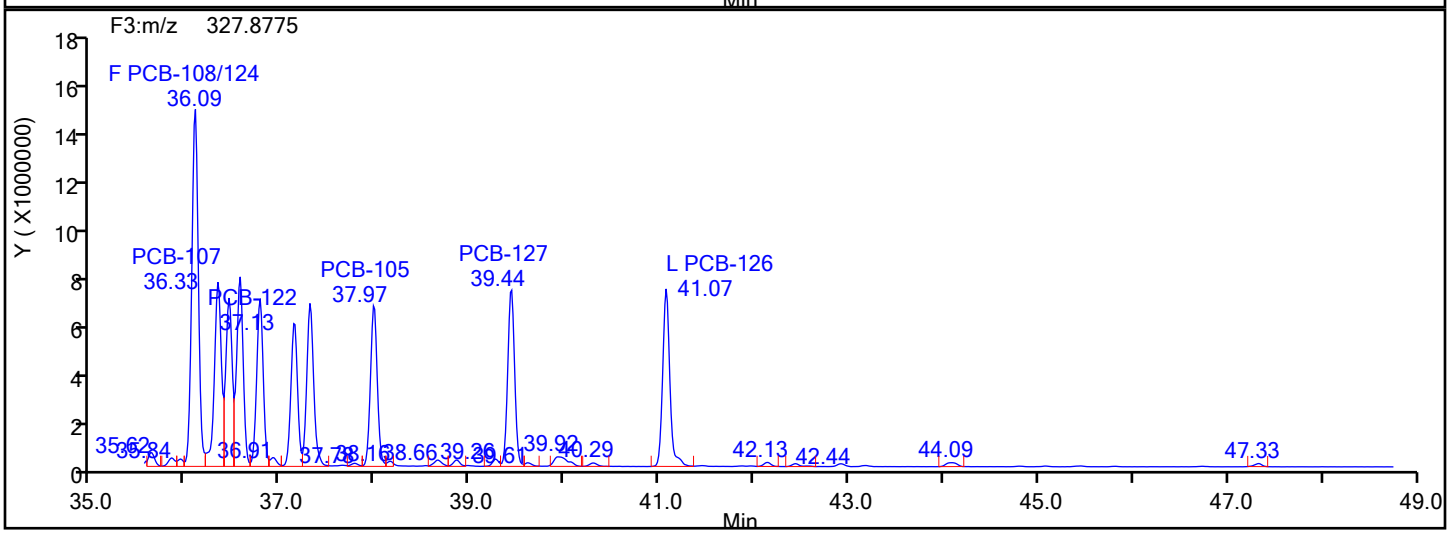
Report Date: 08-Oct-2021 19:11:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

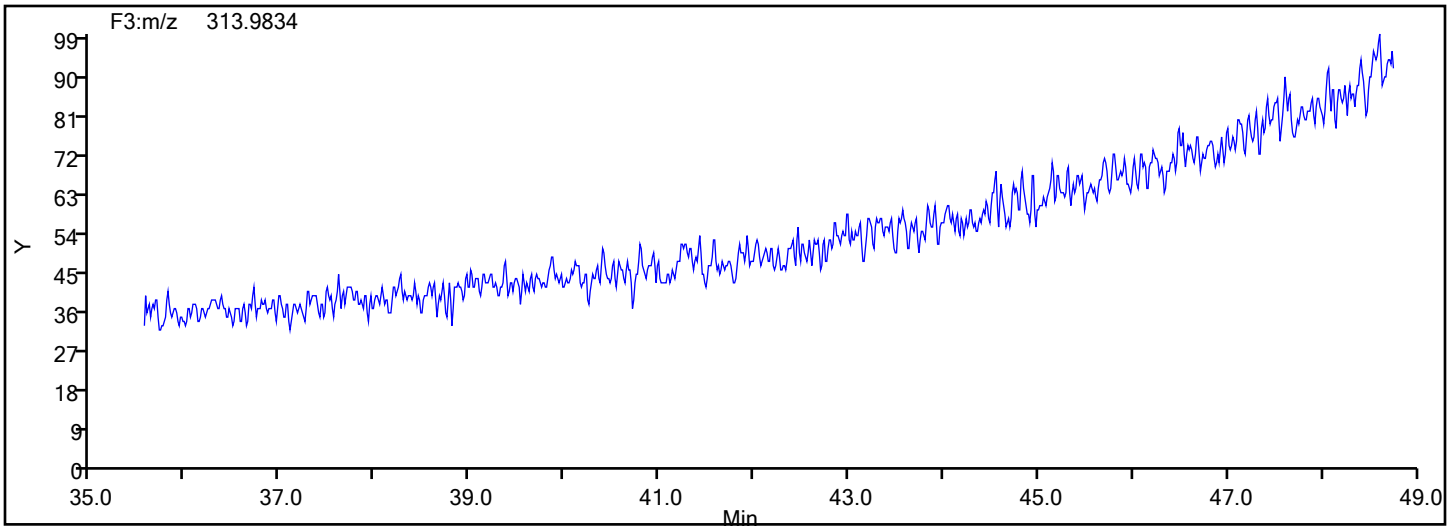
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

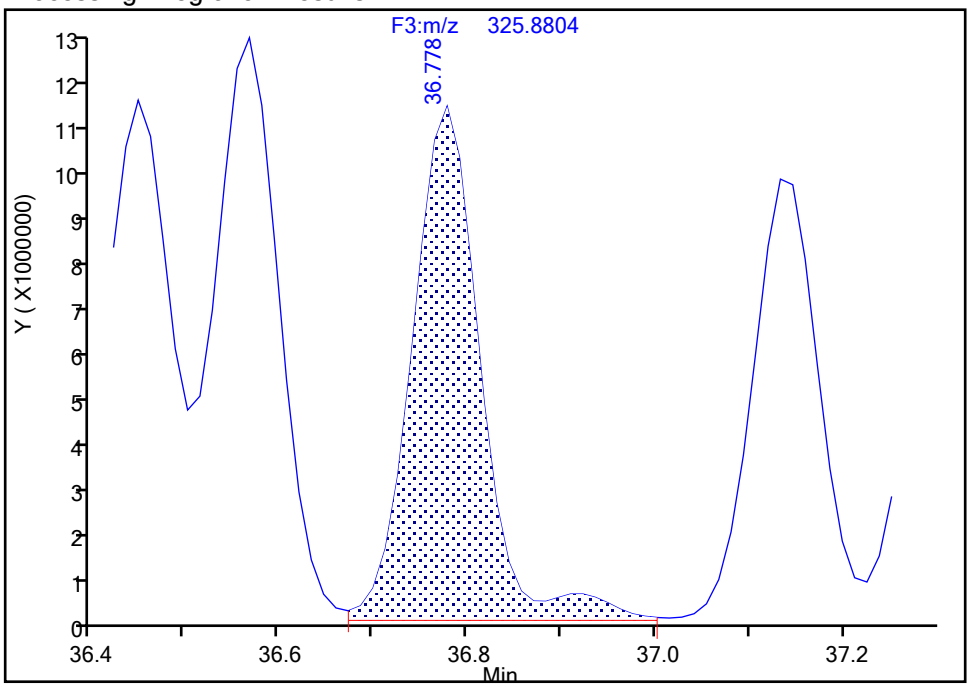
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-118, CAS: 31508-00-6

Signal: 1

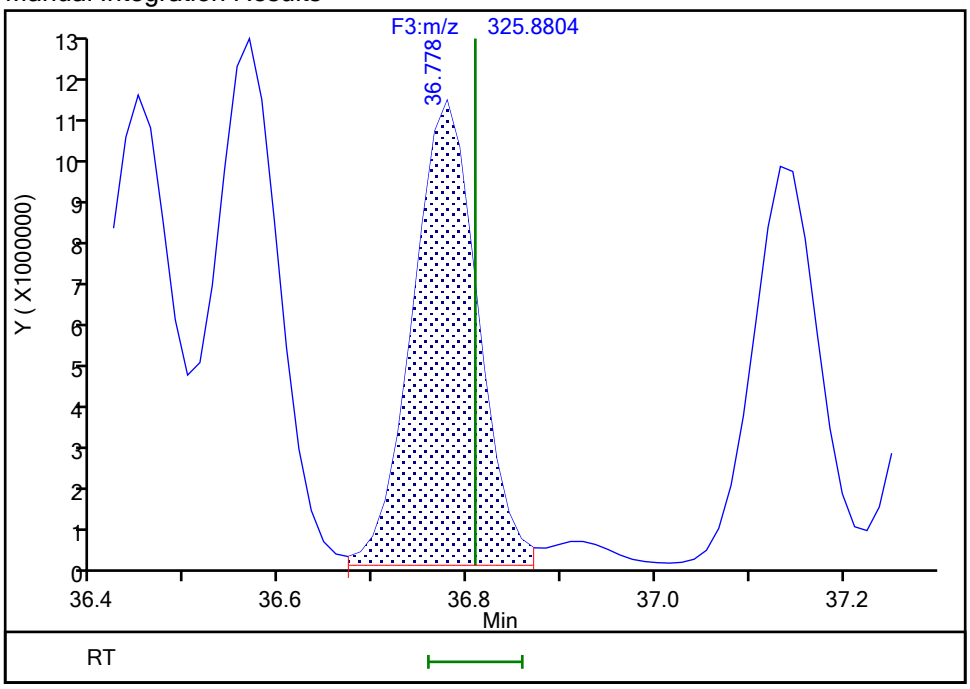
Processing Integration Results

RT: 36.78
Area: 54483196
Amount: 429.7350
Amount Units: pg/ul



Manual Integration Results

RT: 36.78
Area: 51714197
Amount: 403.7464
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:05:33
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

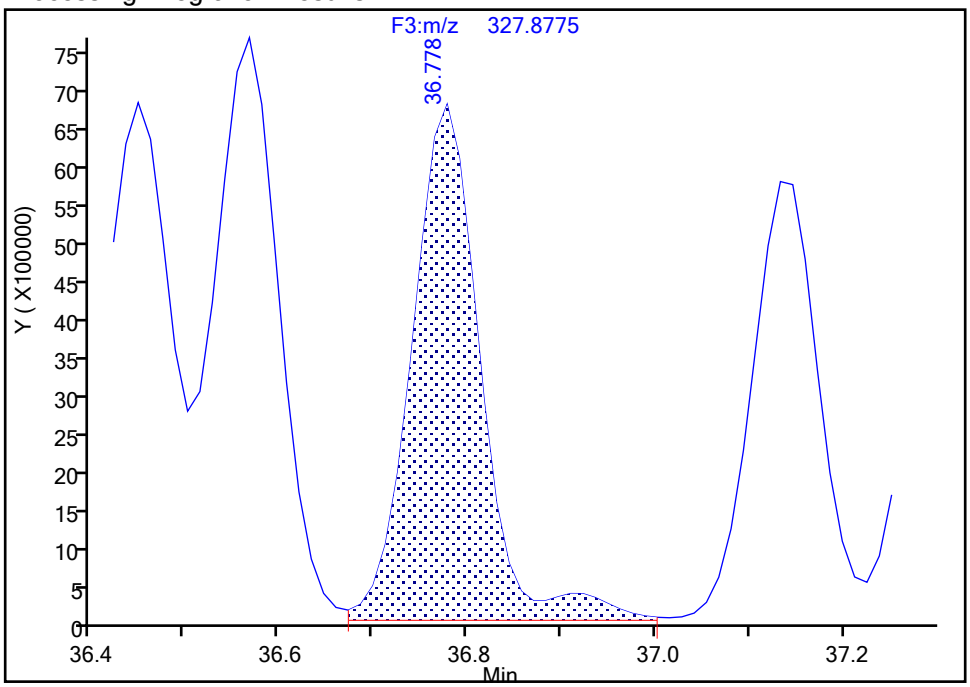
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-118, CAS: 31508-00-6

Signal: 2

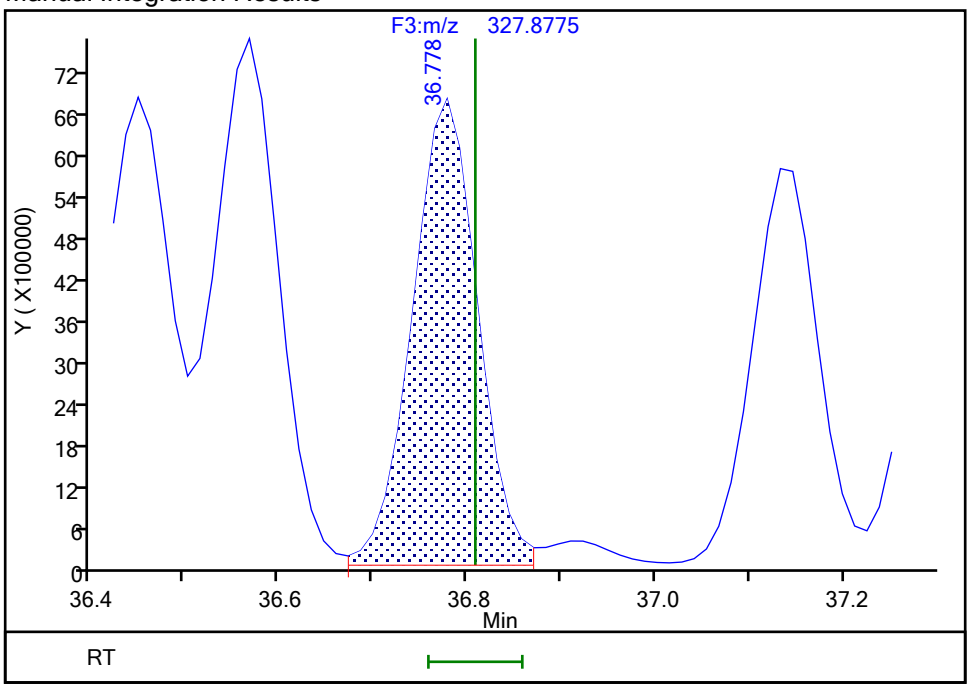
Processing Integration Results

RT: 36.78
Area: 34543593
Amount: 429.7350
Amount Units: pg/ul



Manual Integration Results

RT: 36.78
Area: 32783527
Amount: 403.7464
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:05:35
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

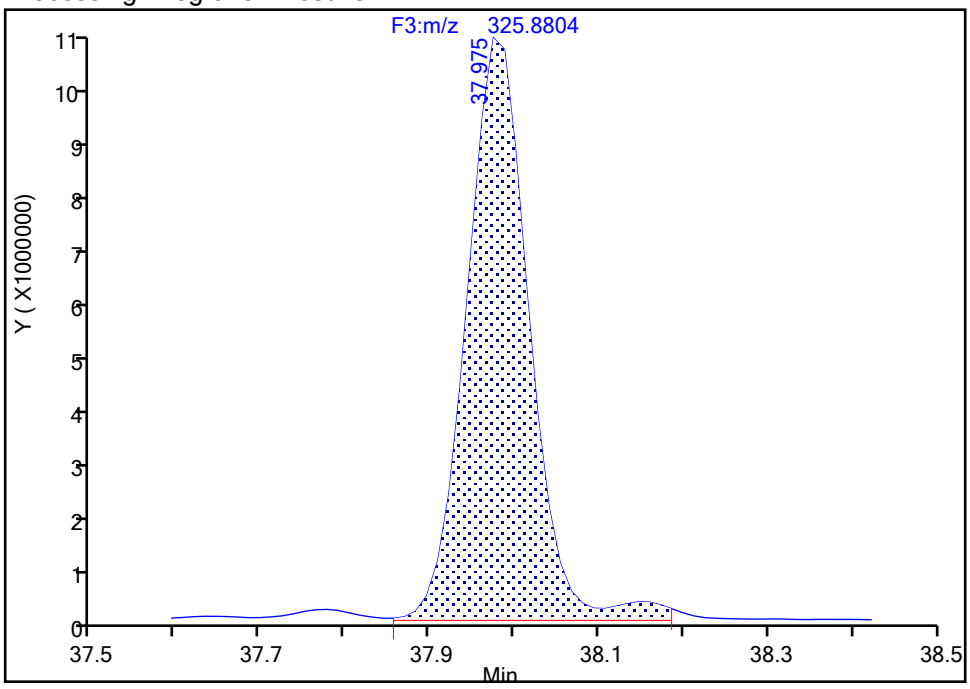
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-105, CAS: 32598-14-4

Signal: 1

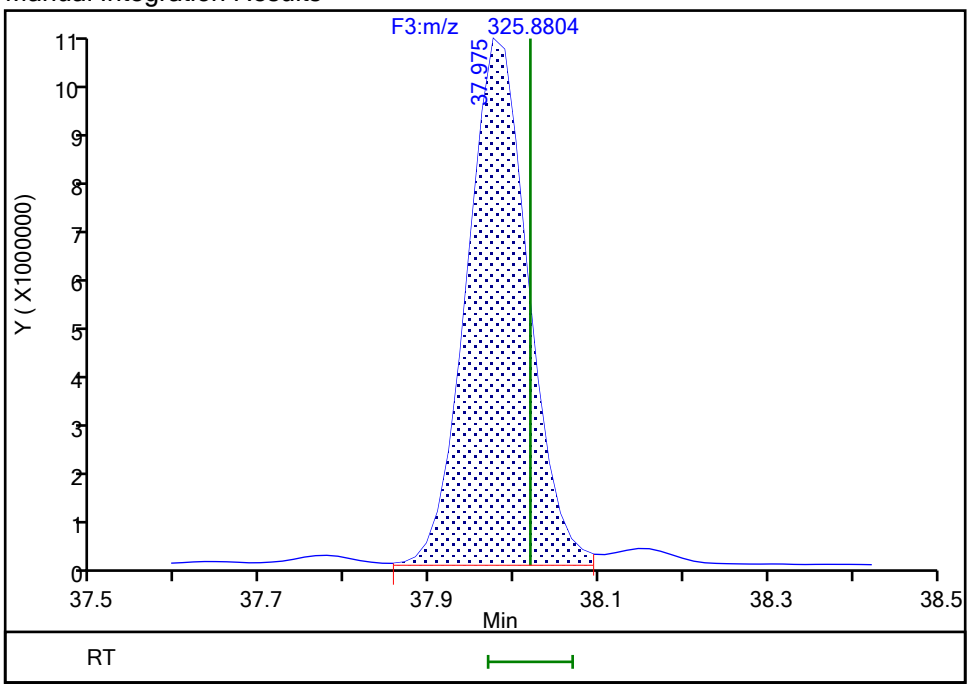
Processing Integration Results

RT: 37.97
Area: 53342610
Amount: 412.3020
Amount Units: pg/ul



Manual Integration Results

RT: 37.97
Area: 51852013
Amount: 394.3592
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:05:39

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

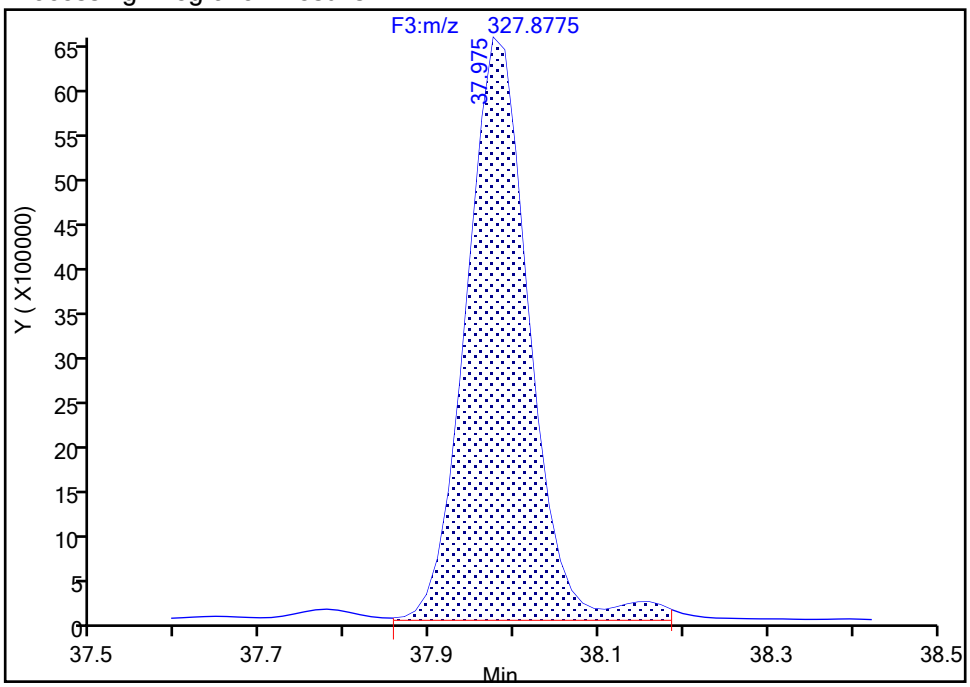
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-105, CAS: 32598-14-4

Signal: 2

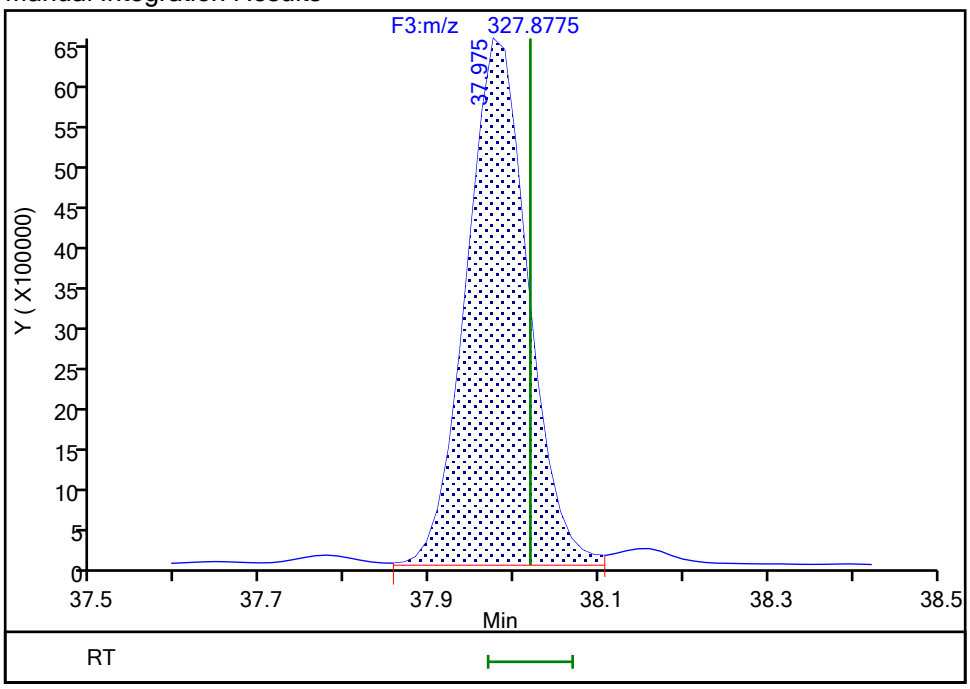
Processing Integration Results

RT: 37.97
Area: 33672321
Amount: 412.3020
Amount Units: pg/ul



Manual Integration Results

RT: 37.97
Area: 32862587
Amount: 394.3592
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:05:41

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

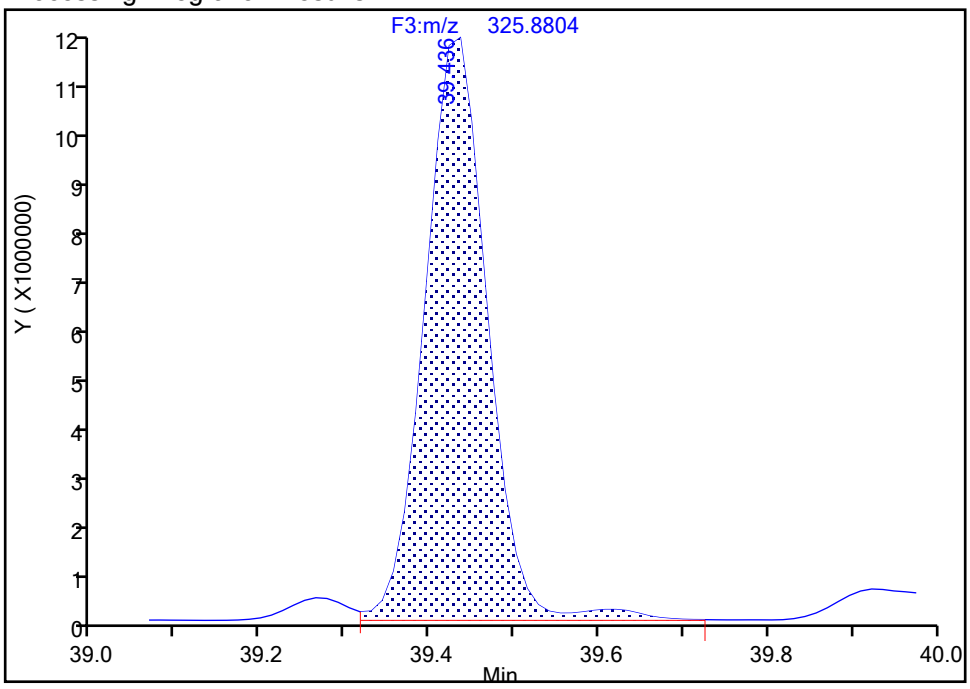
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-127, CAS: 39635-33-1

Signal: 1

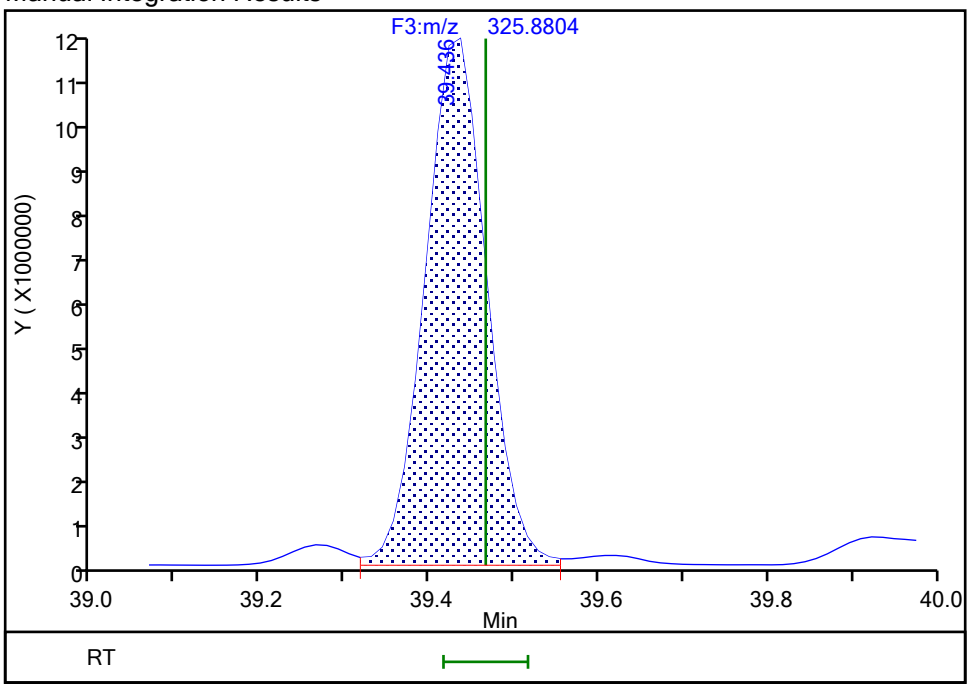
Processing Integration Results

RT: 39.44
Area: 59378943
Amount: 414.5642
Amount Units: pg/ul



Manual Integration Results

RT: 39.44
Area: 58160100
Amount: 398.1823
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:05:45
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

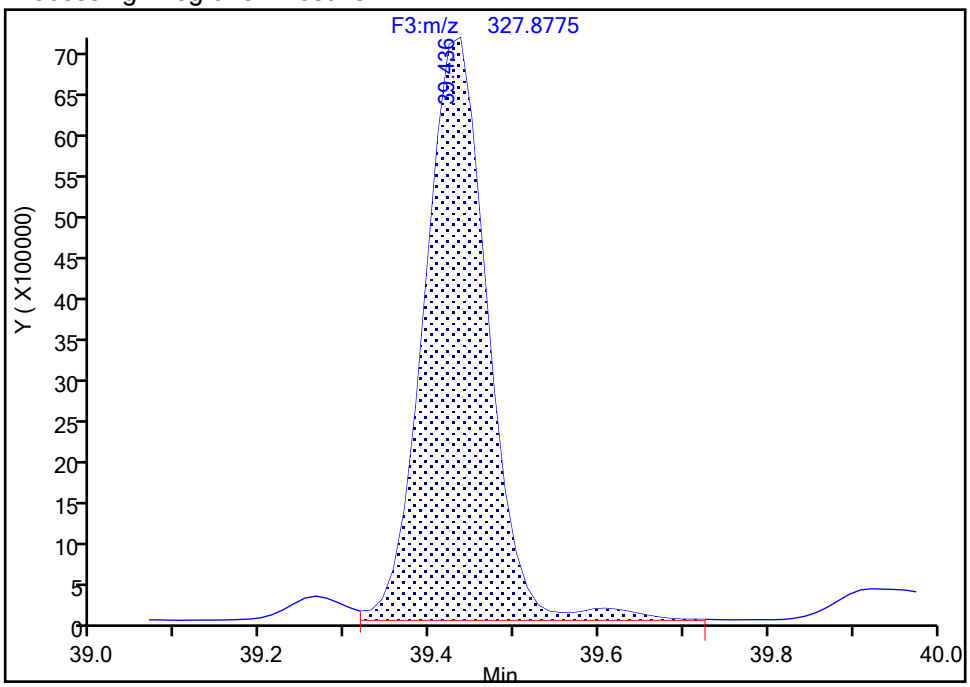
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-127, CAS: 39635-33-1

Signal: 2

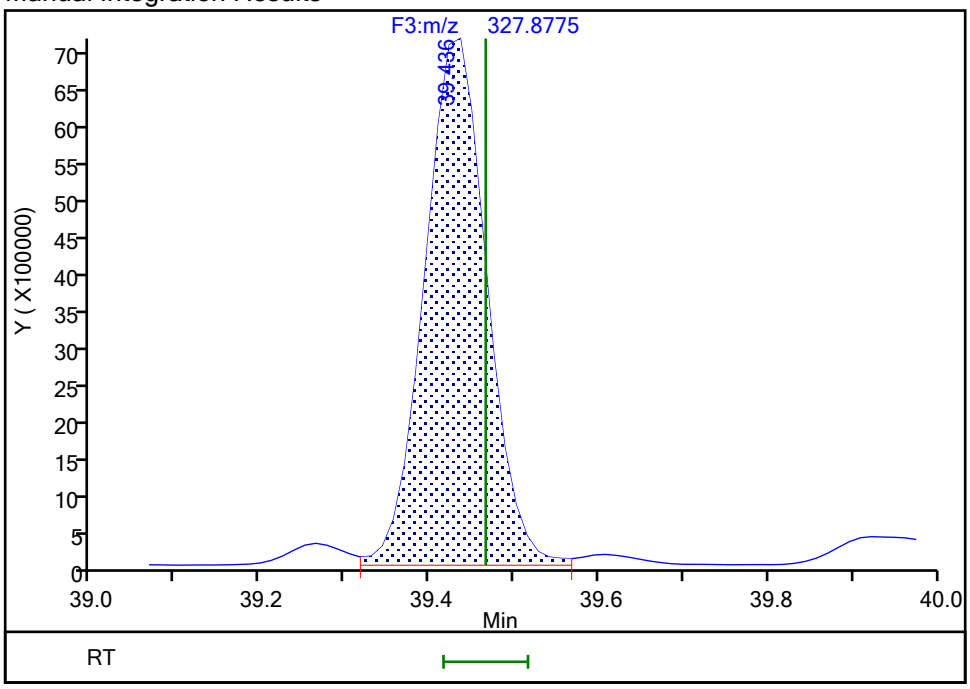
Processing Integration Results

RT: 39.44
Area: 37230733
Amount: 414.5642
Amount Units: pg/ul



Manual Integration Results

RT: 39.44
Area: 36514646
Amount: 398.1823
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:05:47

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

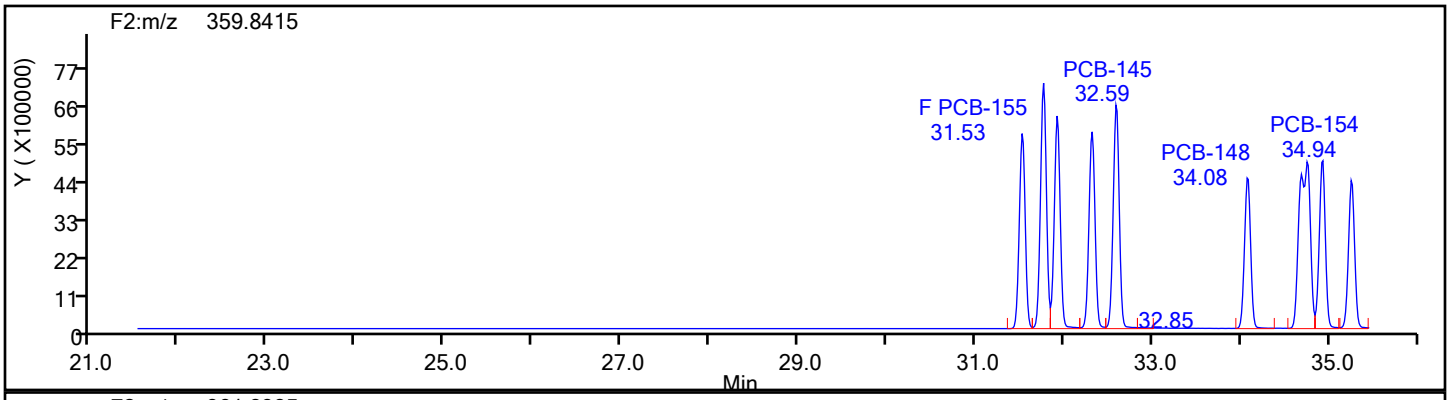
Report Date: 08-Oct-2021 19:11:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

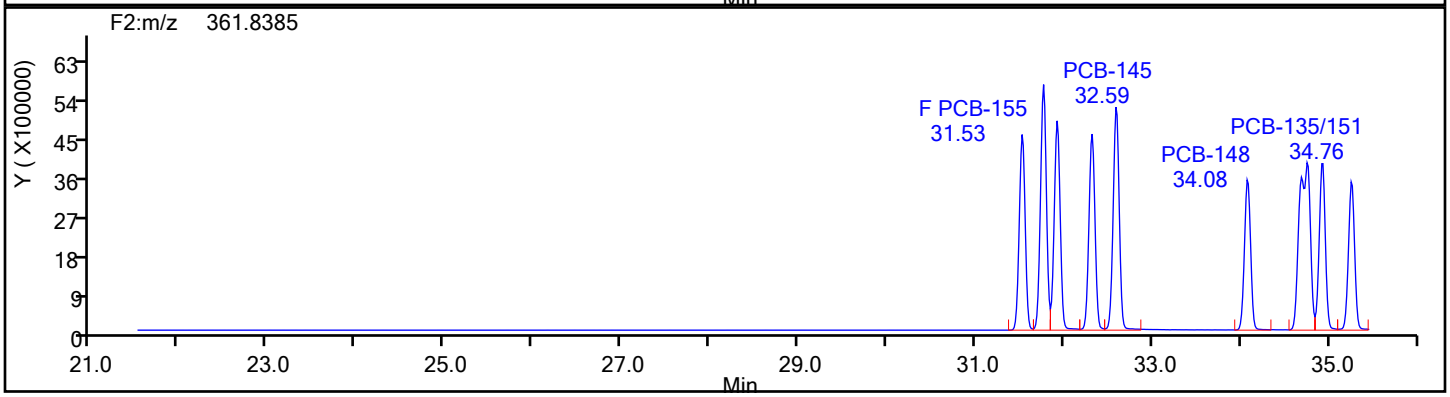
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

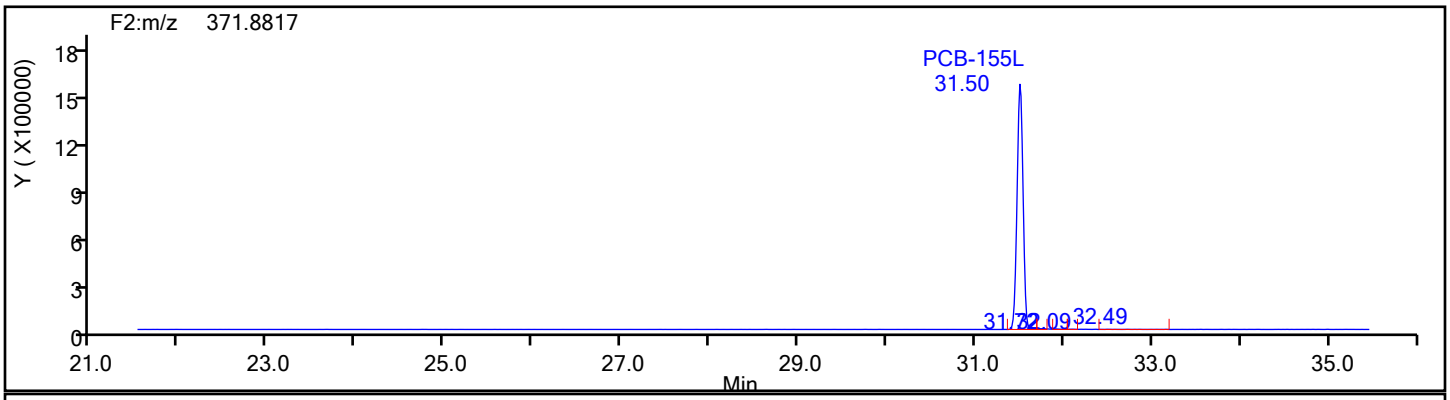
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

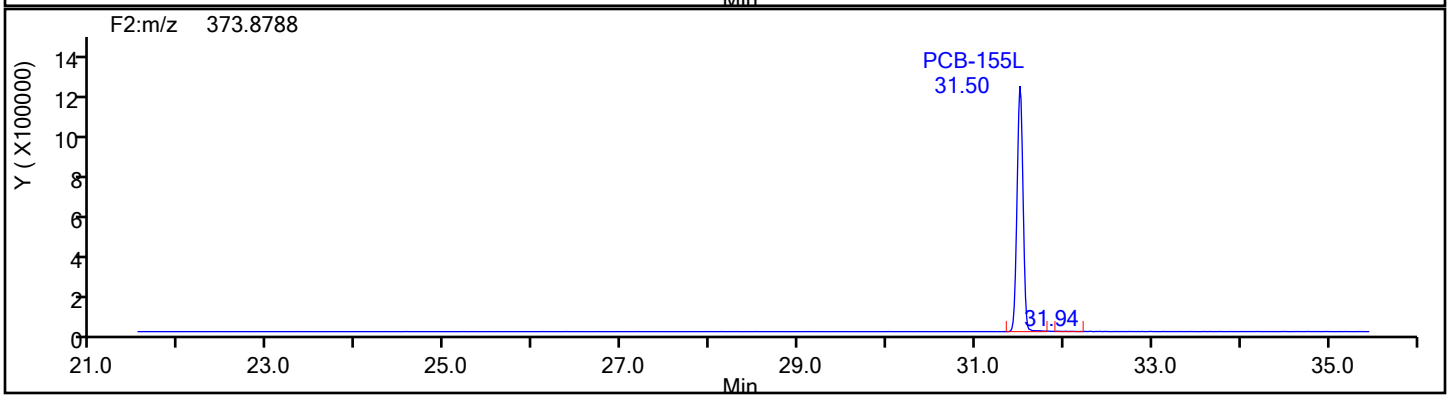
HxPCB F2





HxPCB F2 Standards



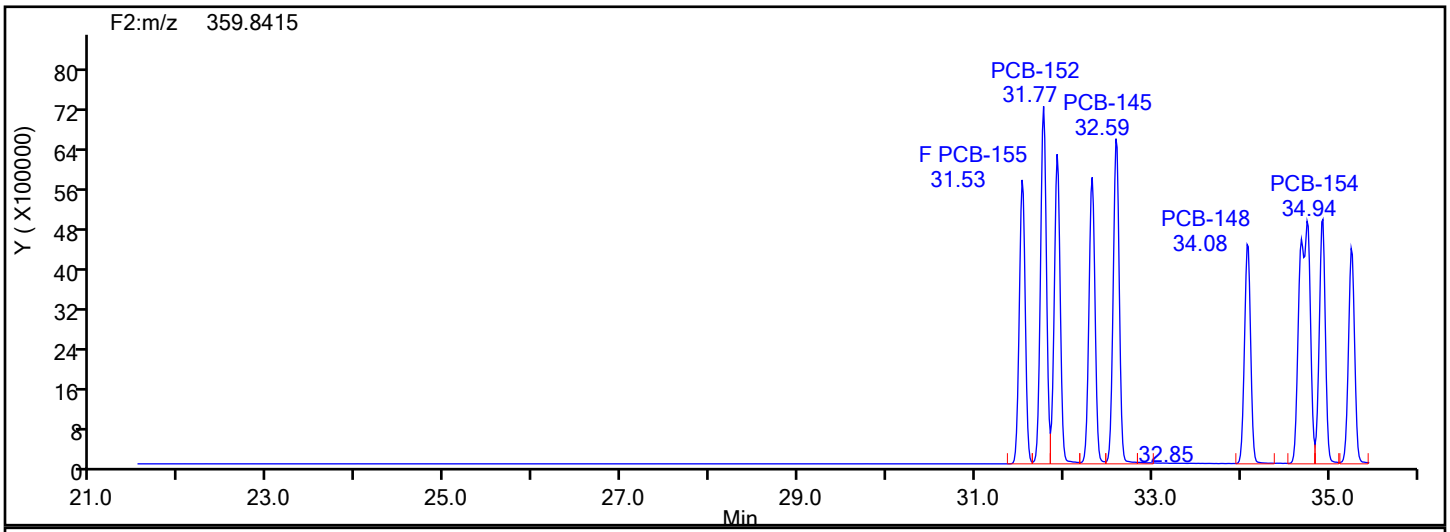


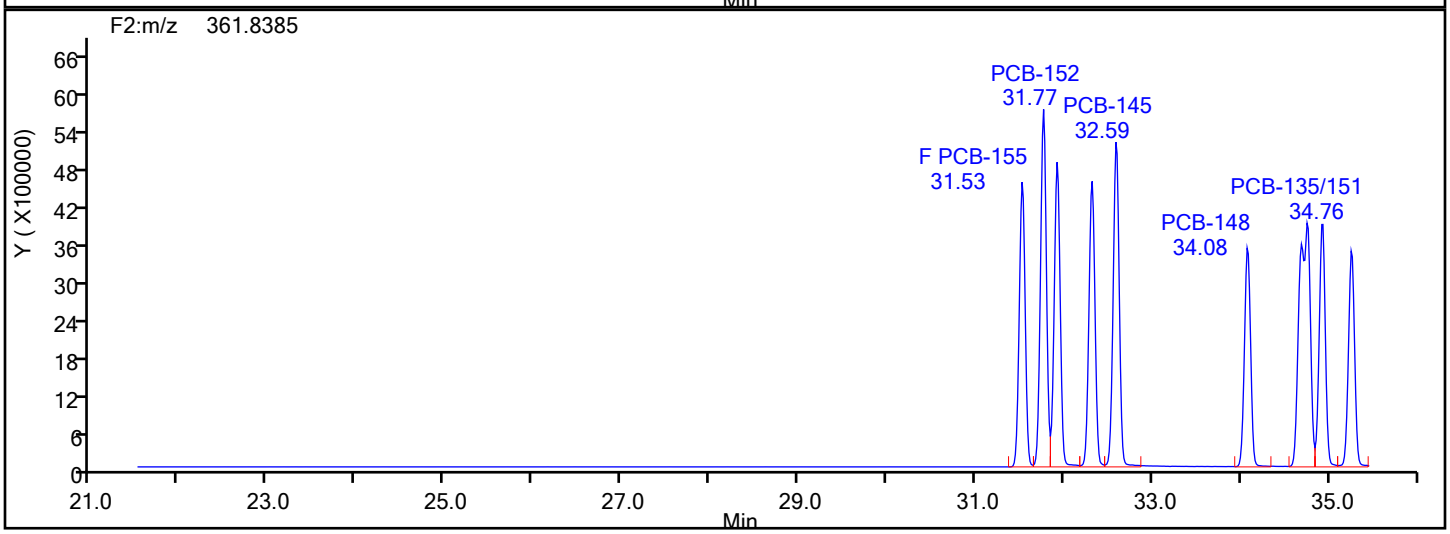
Report Date: 08-Oct-2021 19:11:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

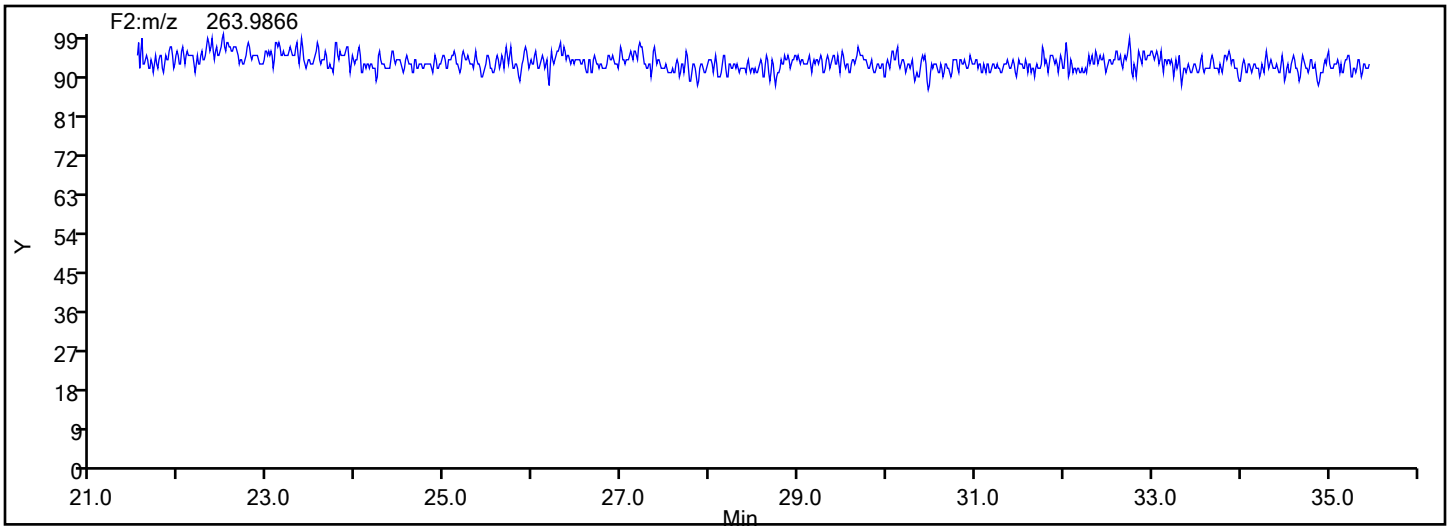
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass

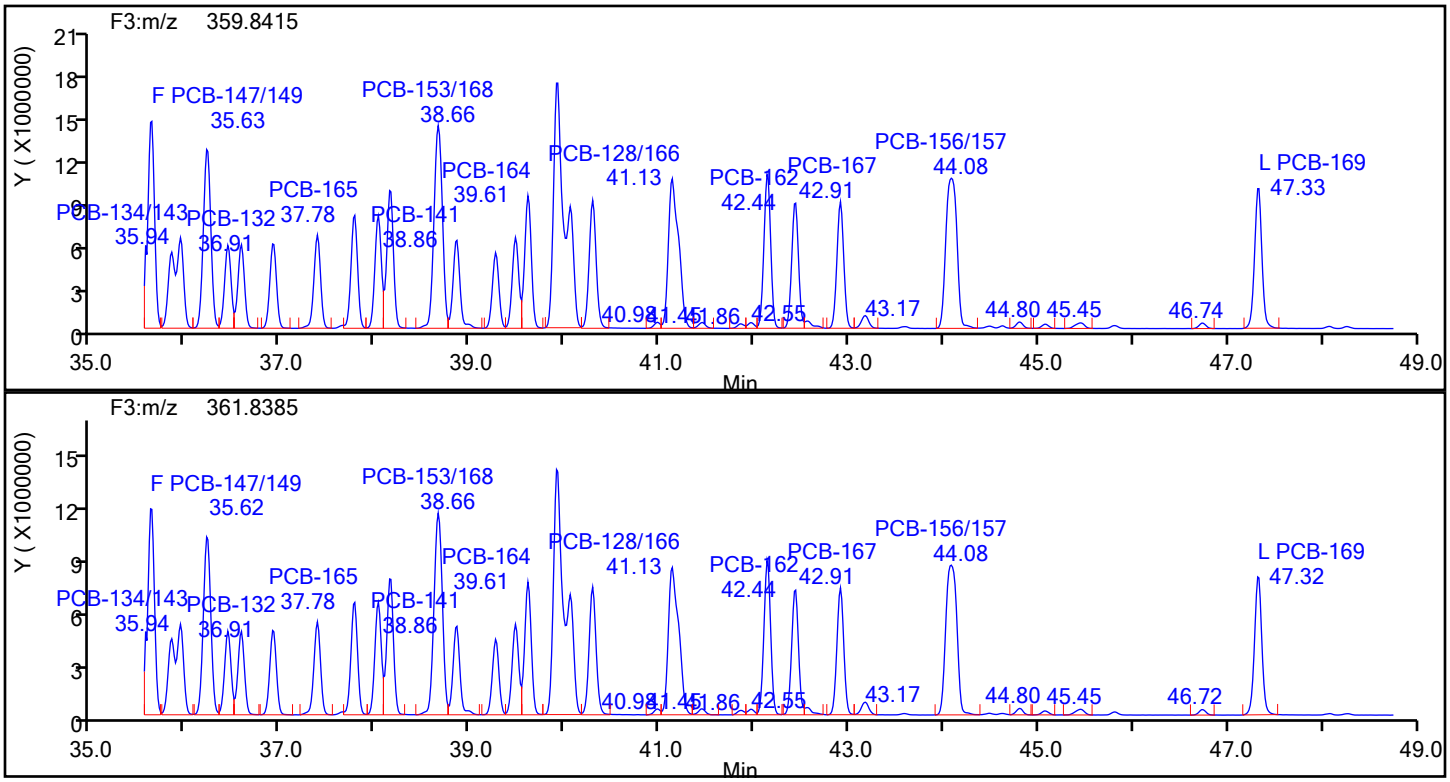


Report Date: 08-Oct-2021 19:11:22 Chrom Revision: 2.3 22-Sep-2021 15:38:46

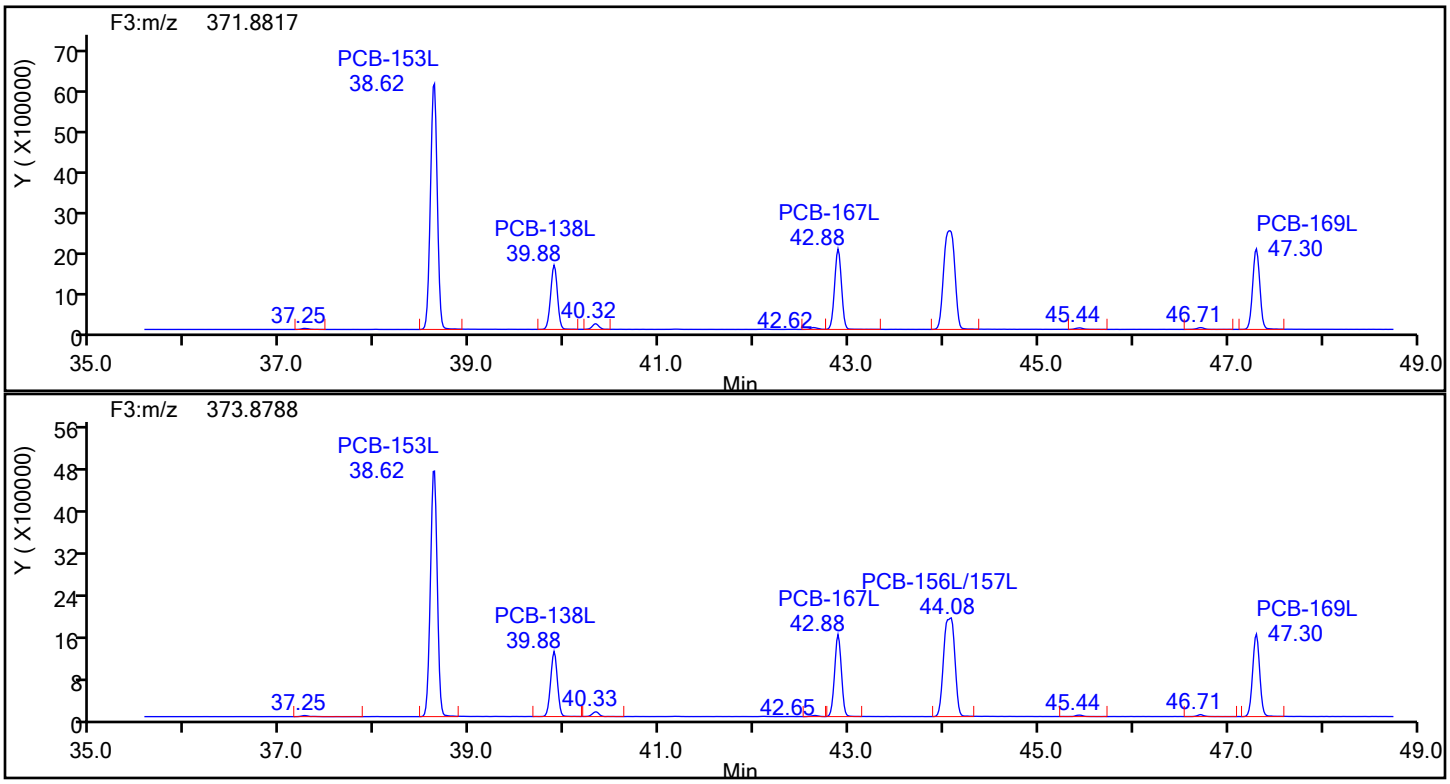
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

HxPCB F3



HxPCB F3 Standards

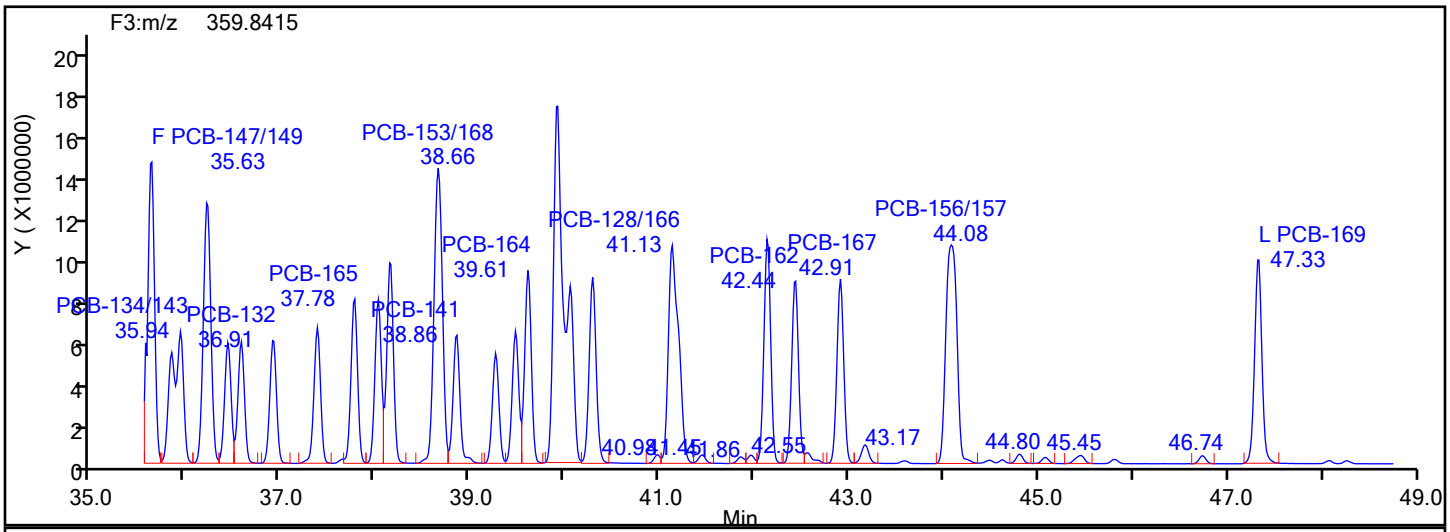


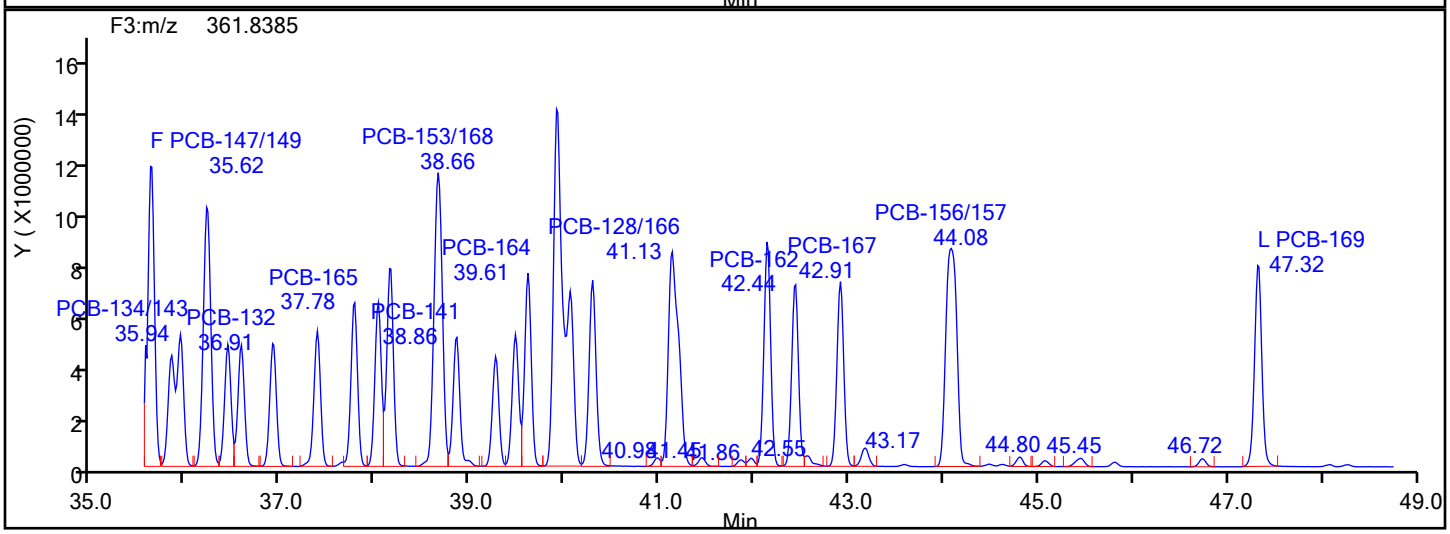
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

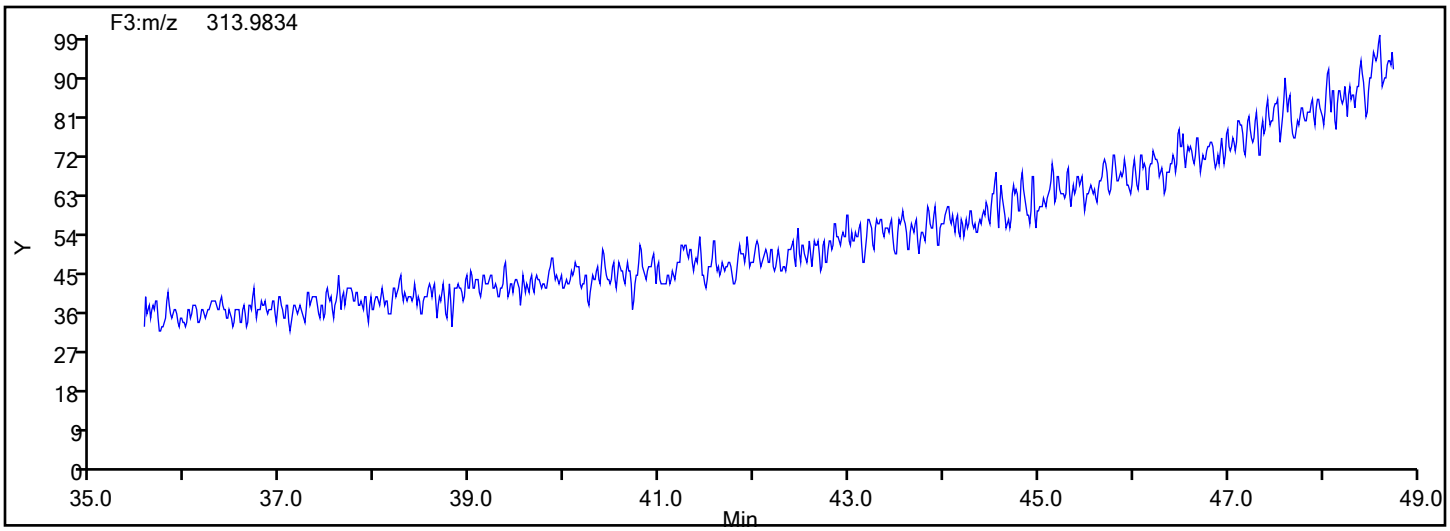
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

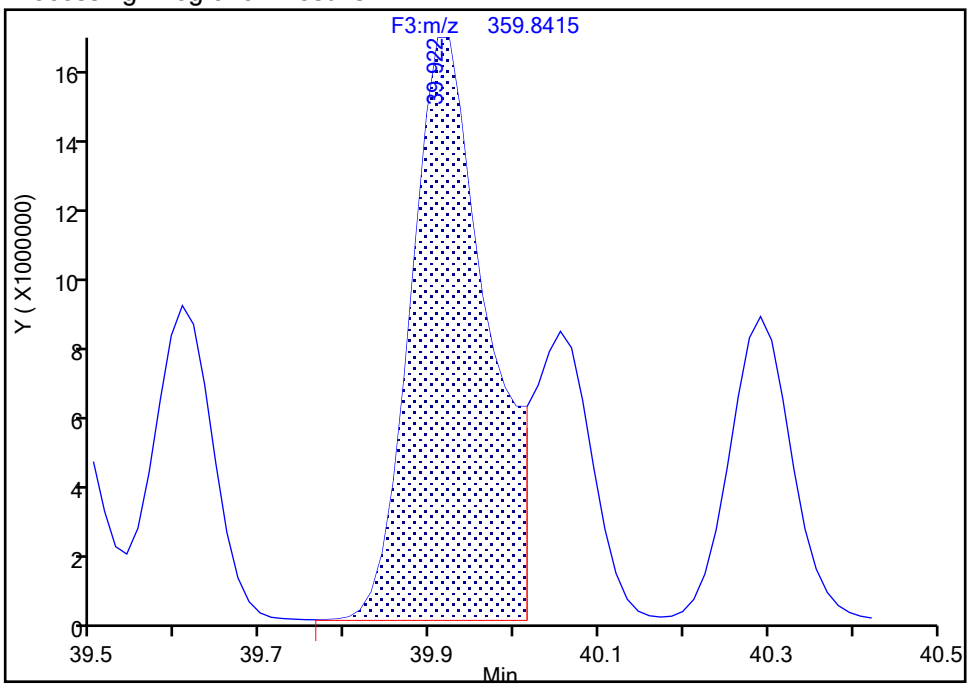
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-129/138/160/163, CAS: STL02296

Signal: 1

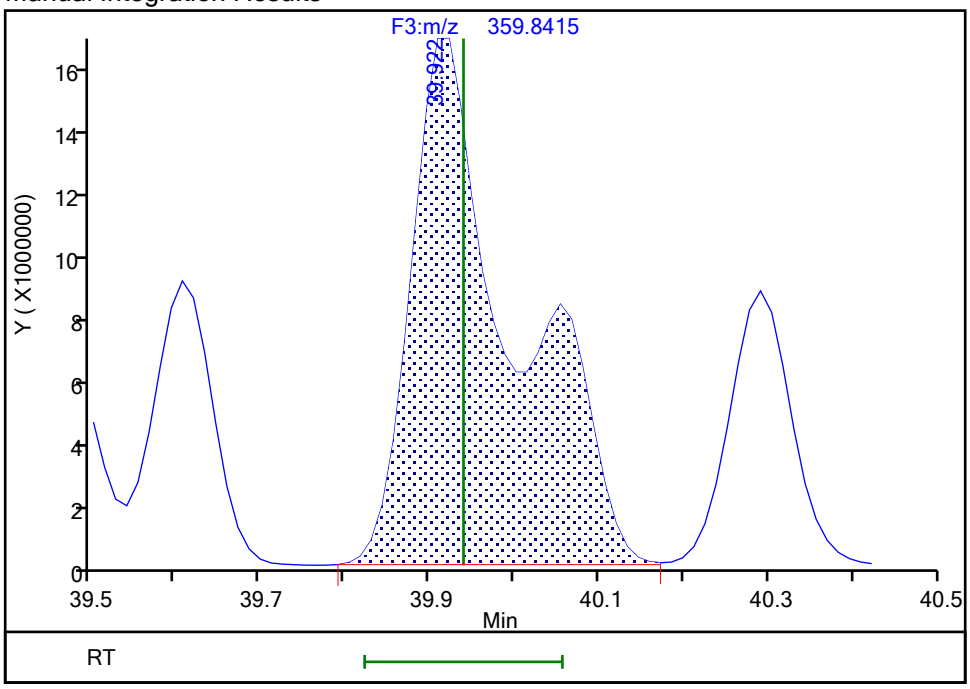
Processing Integration Results

RT: 39.92
Area: 105245061
Amount: 1254.5375
Amount Units: pg/ul



Manual Integration Results

RT: 39.92
Area: 143533959
Amount: 1610.1881
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:06:36

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

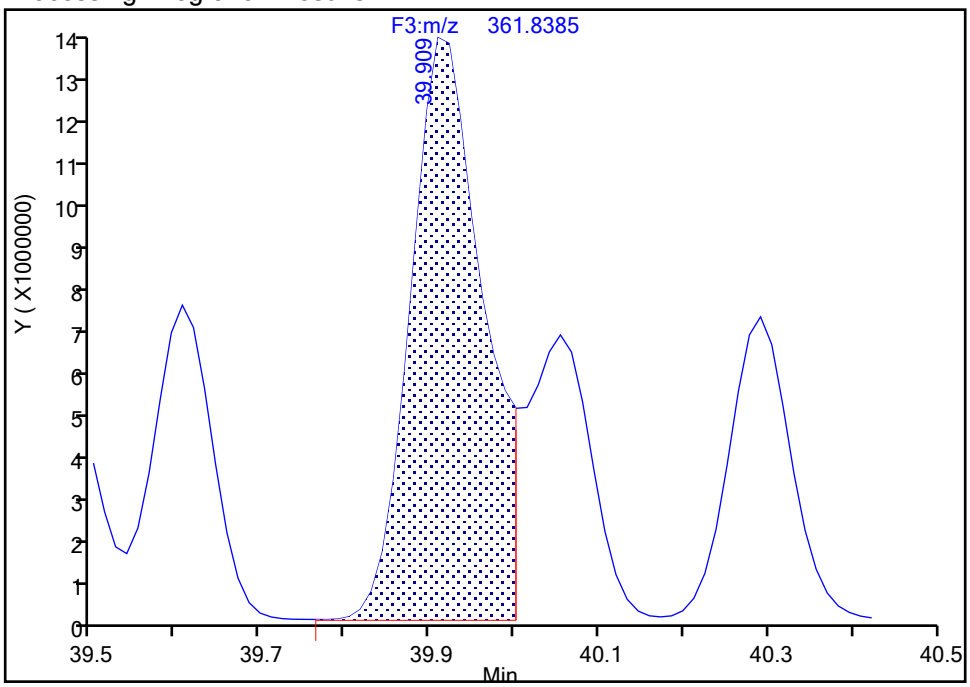
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 2

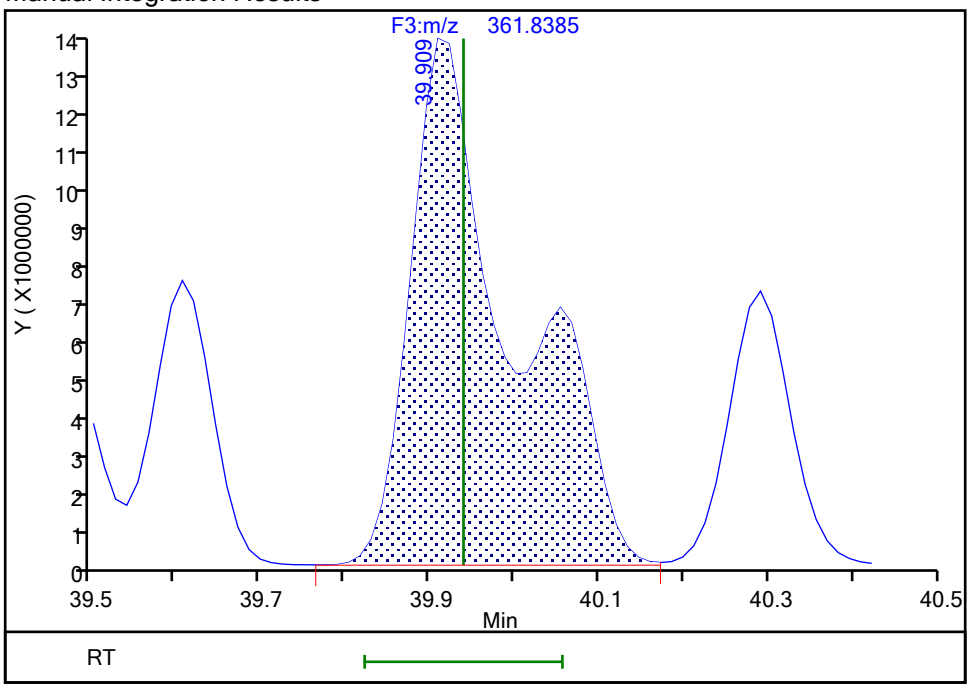
Processing Integration Results

RT: 39.91
Area: 79576927
Amount: 1254.5375
Amount Units: pg/ul



Manual Integration Results

RT: 39.91
Area: 114043980
Amount: 1610.1881
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:06:45
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

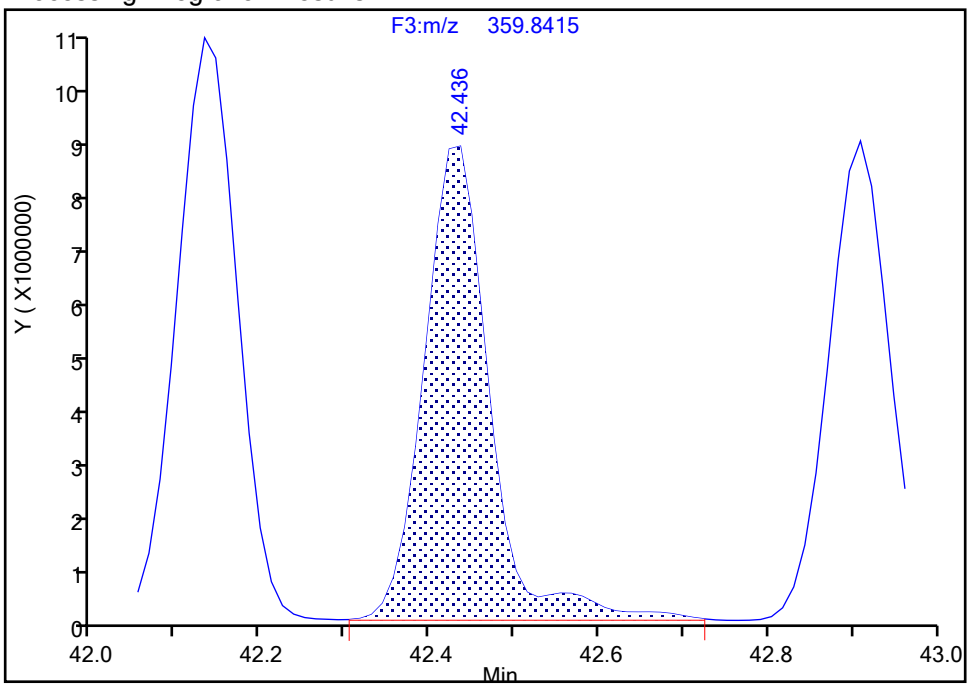
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-162, CAS: 39635-34-2

Signal: 1

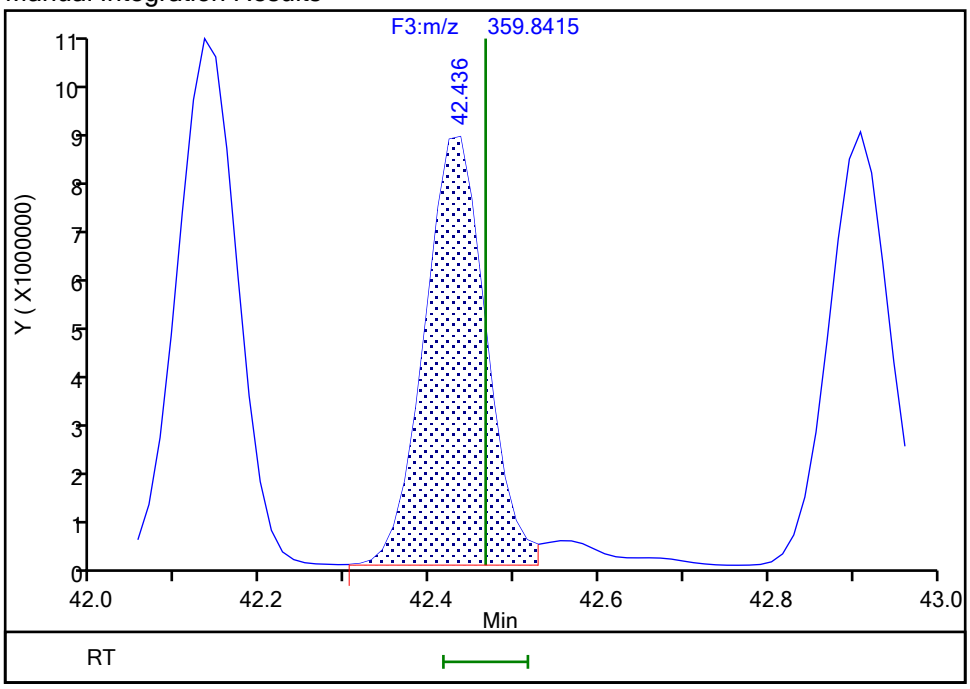
Processing Integration Results

RT: 42.44
Area: 46137922
Amount: 421.0231
Amount Units: pg/ul



Manual Integration Results

RT: 42.44
Area: 43277355
Amount: 391.9731
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:07:02

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

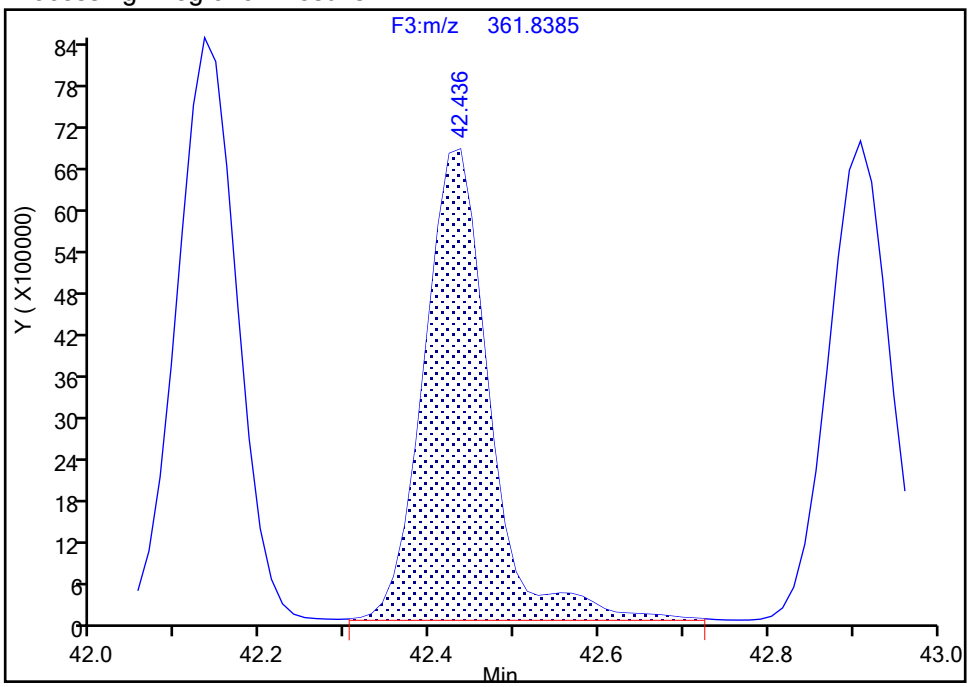
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-162, CAS: 39635-34-2

Signal: 2

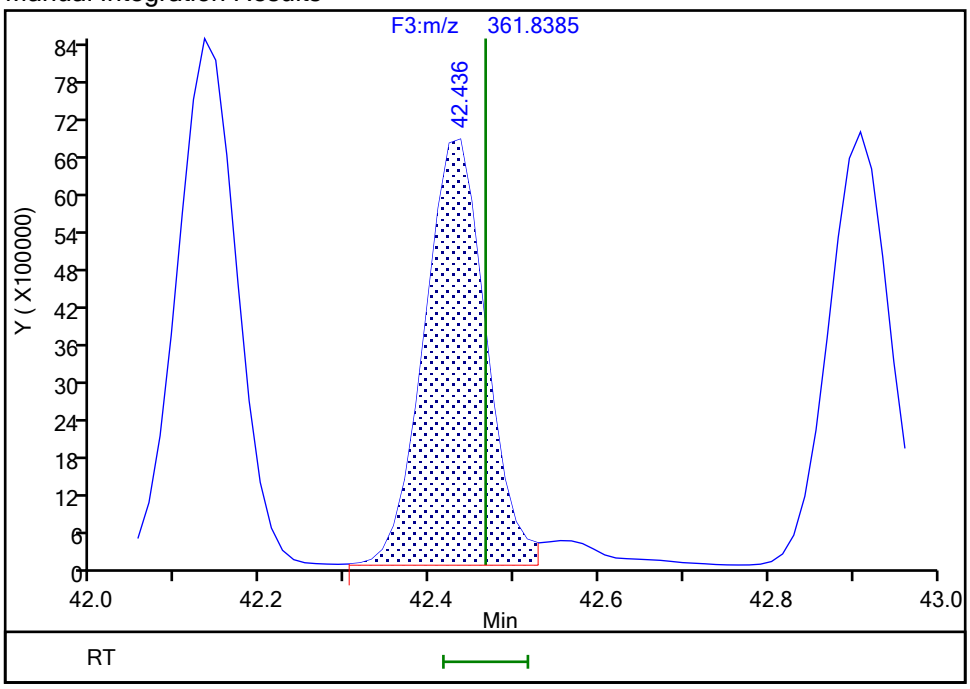
Processing Integration Results

RT: 42.44
Area: 36551754
Amount: 421.0231
Amount Units: pg/ul



Manual Integration Results

RT: 42.44
Area: 34406413
Amount: 391.9731
Amount Units: pg/ul



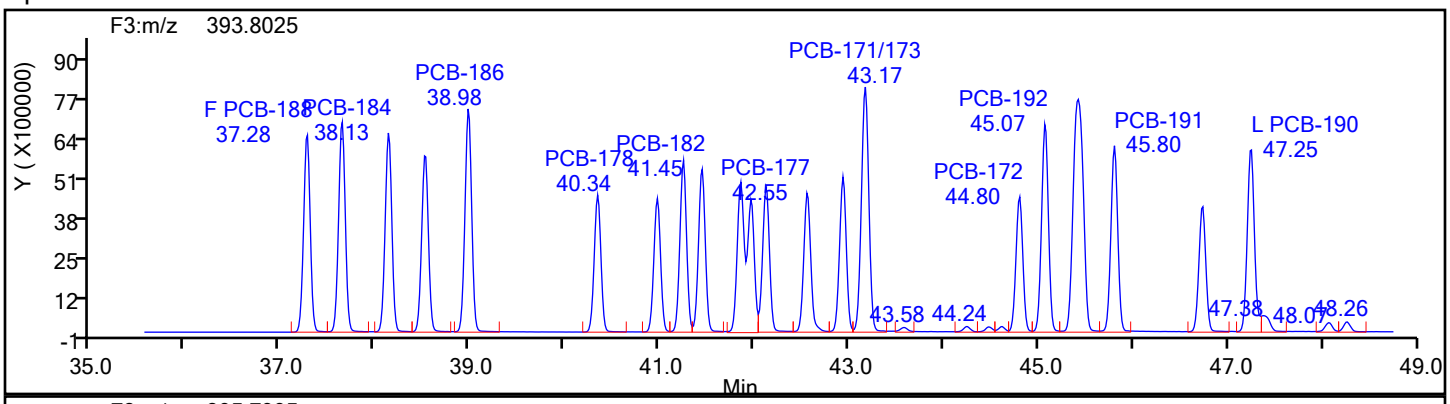
Reviewer: nordquistj, 08-Oct-2021 17:07:05
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

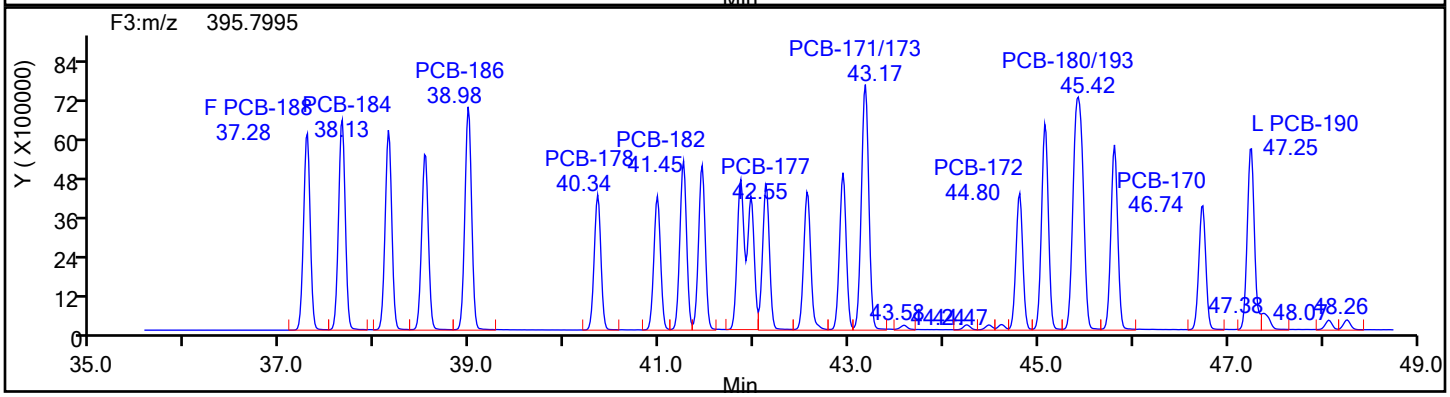
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

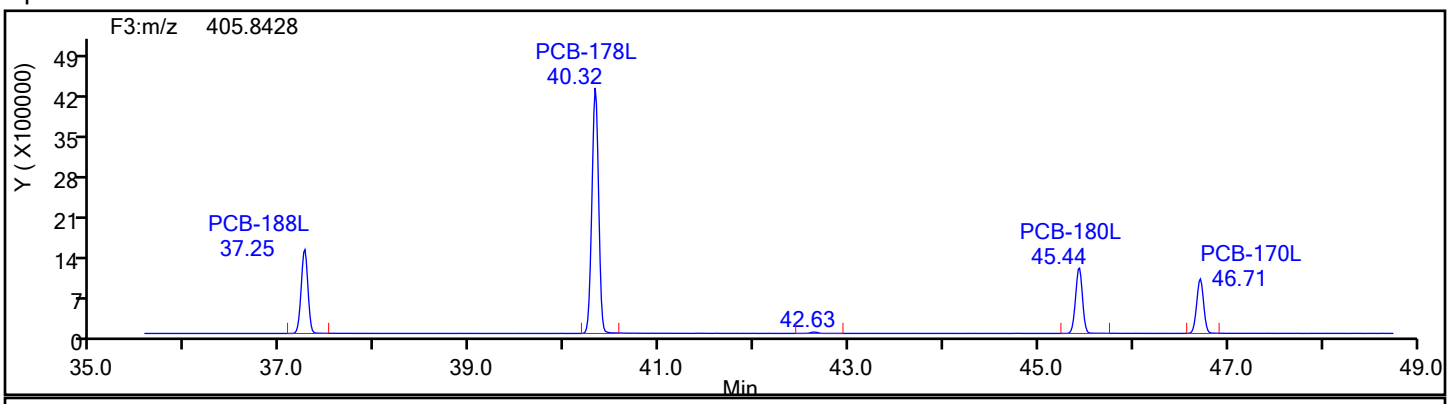
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

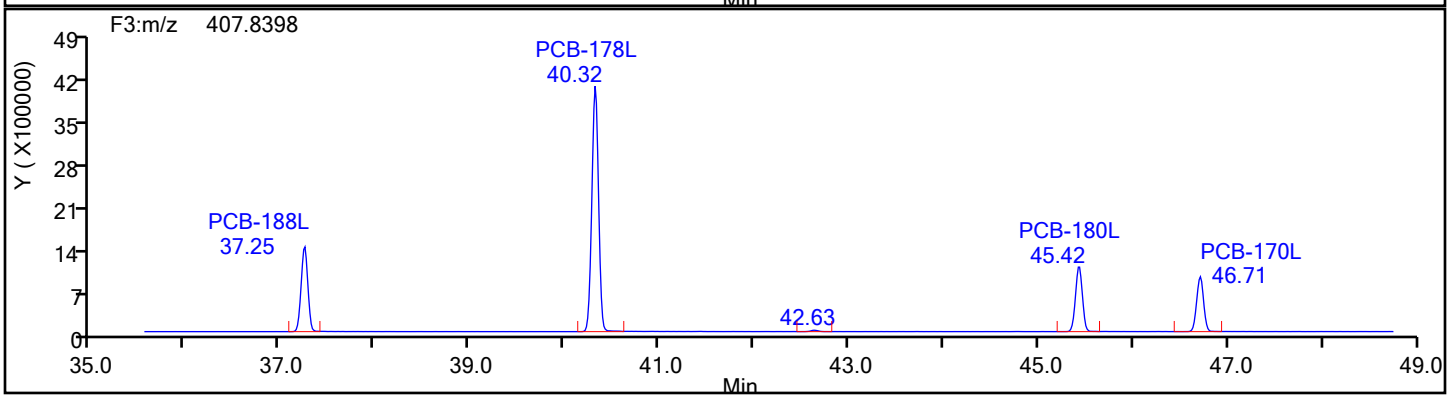
HpPCB F3





HpPCB F3 Standards



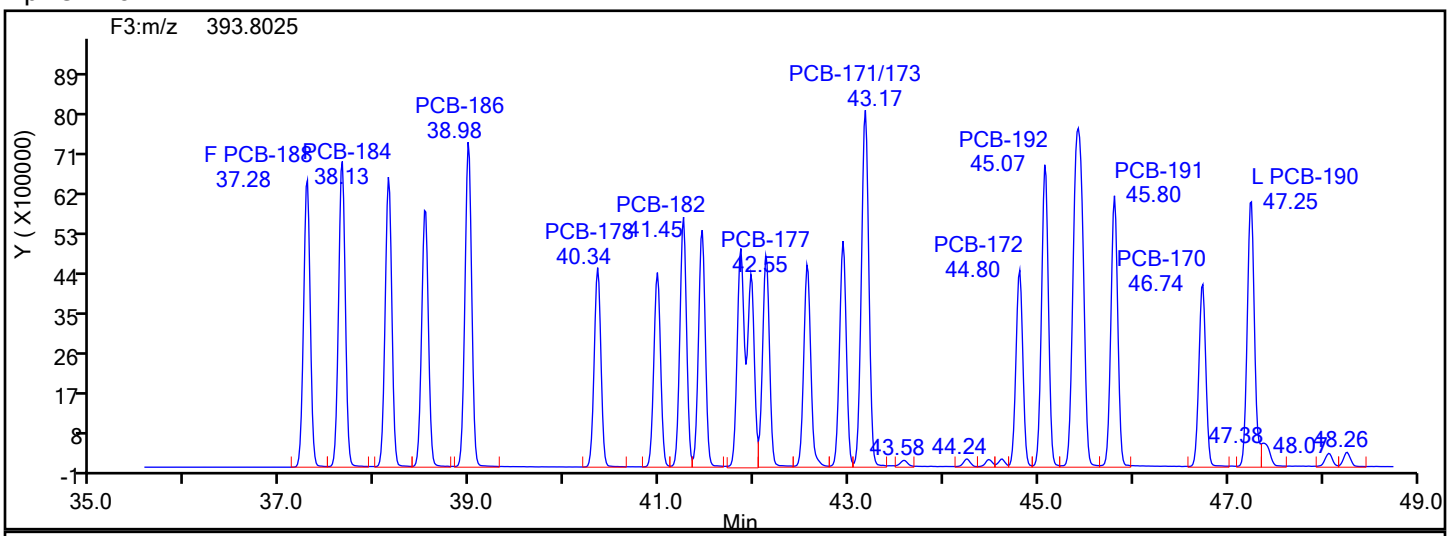


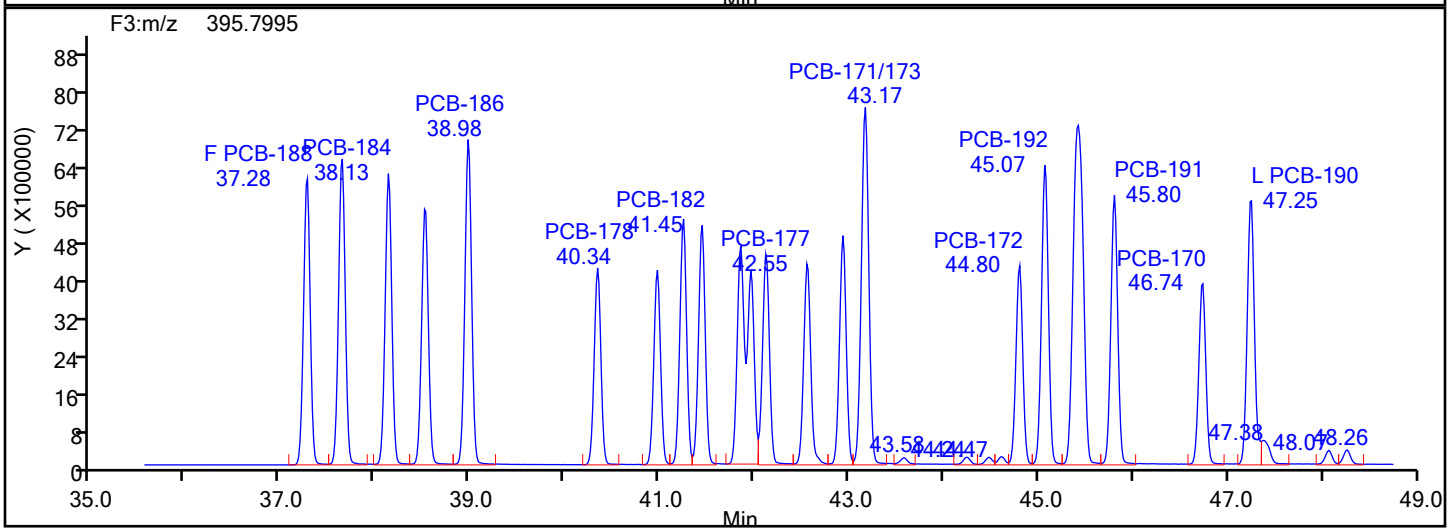
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

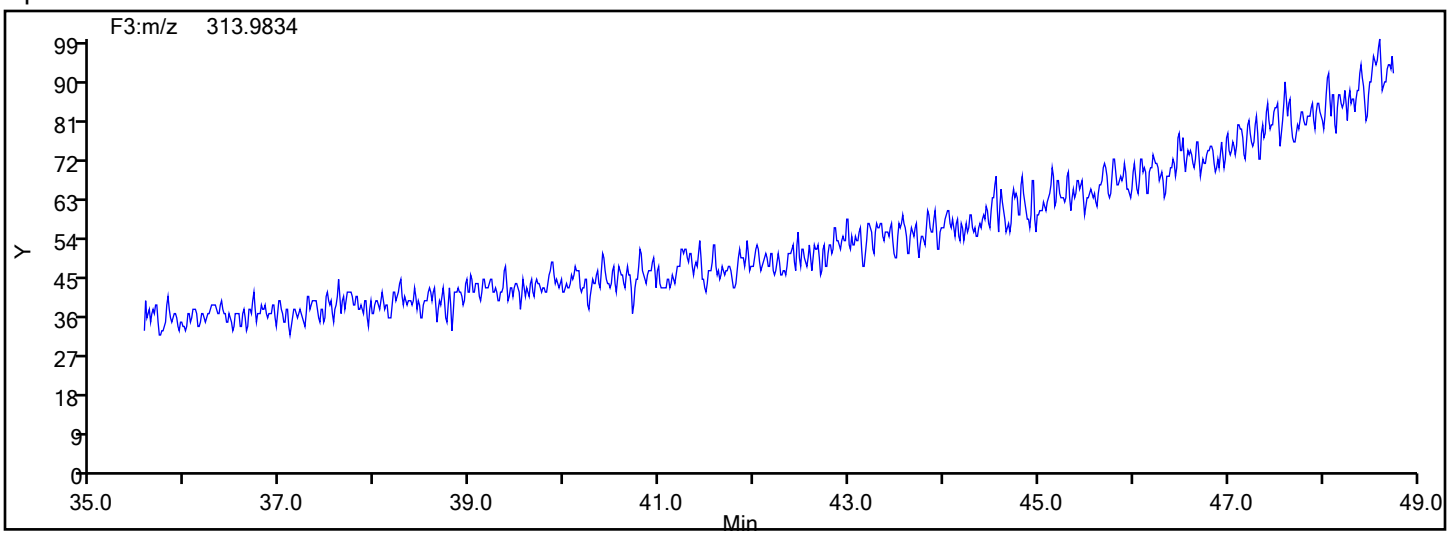
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

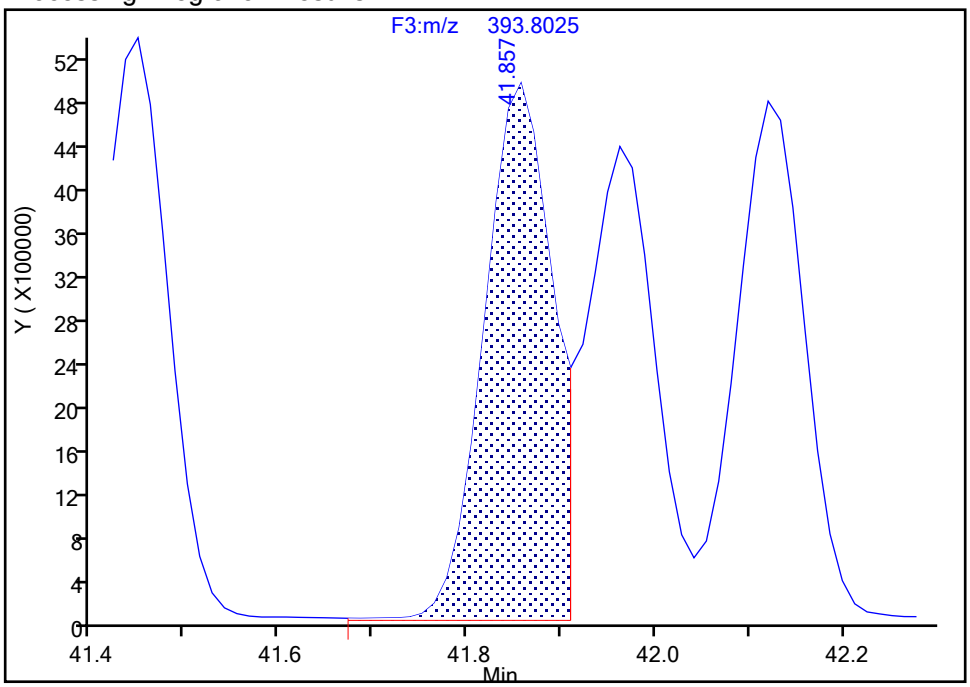
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d				
Injection Date:	08-Oct-2021 15:56:00	Instrument ID:	D2D		
Lims ID:	IC L5				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

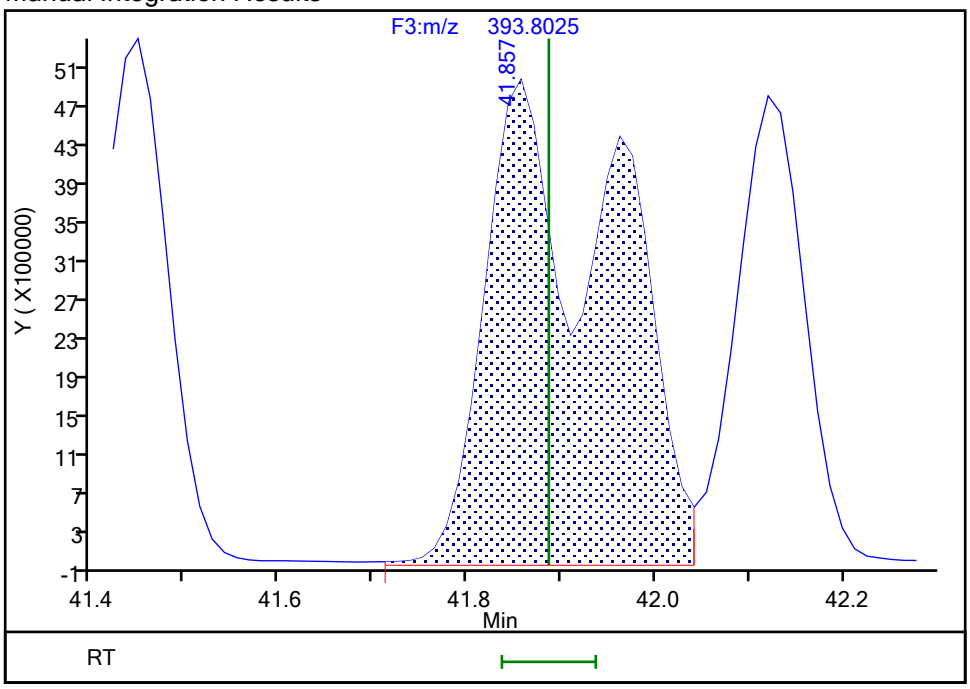
Processing Integration Results

RT: 41.86
Area: 24694866
Amount: 459.1964
Amount Units: pg/ul



Manual Integration Results

RT: 41.86
Area: 46472730
Amount: 777.7809
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:07:24

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

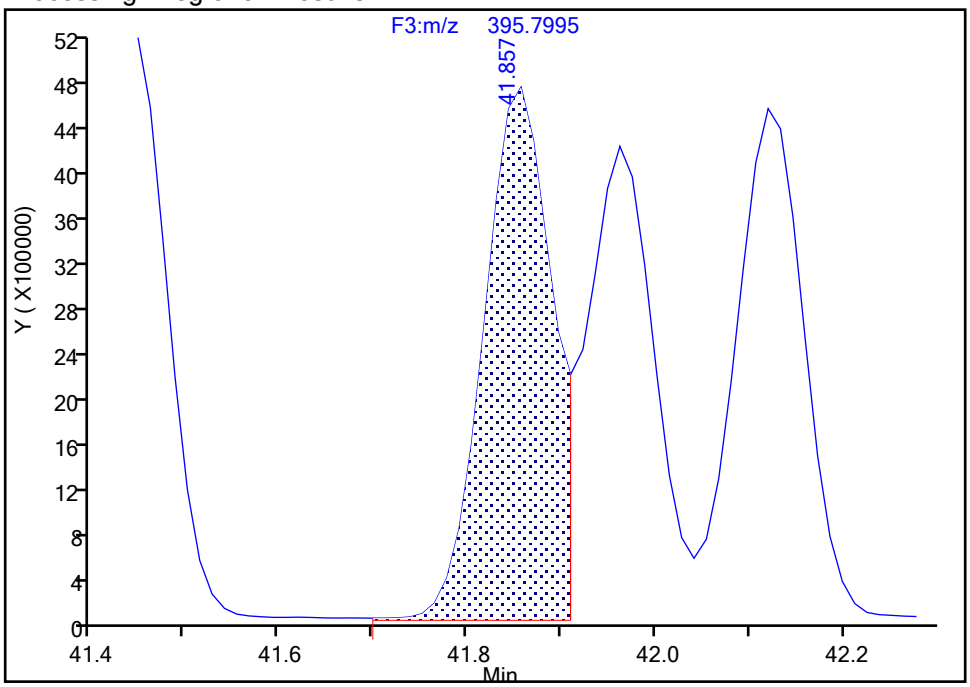
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d
Injection Date: 08-Oct-2021 15:56:00 Instrument ID: D2D
Lims ID: IC L5
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

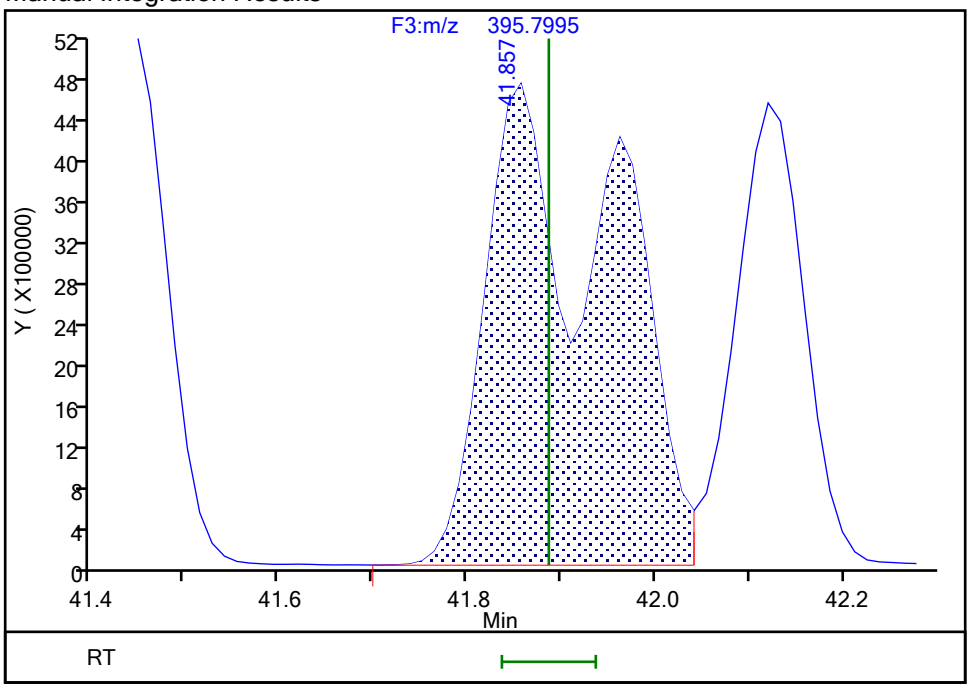
Processing Integration Results

RT: 41.86
Area: 23524541
Amount: 459.1964
Amount Units: pg/ul



Manual Integration Results

RT: 41.86
Area: 43668569
Amount: 777.7809
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 17:07:31
Audit Action: Manually Integrated Audit Reason: Split Peak

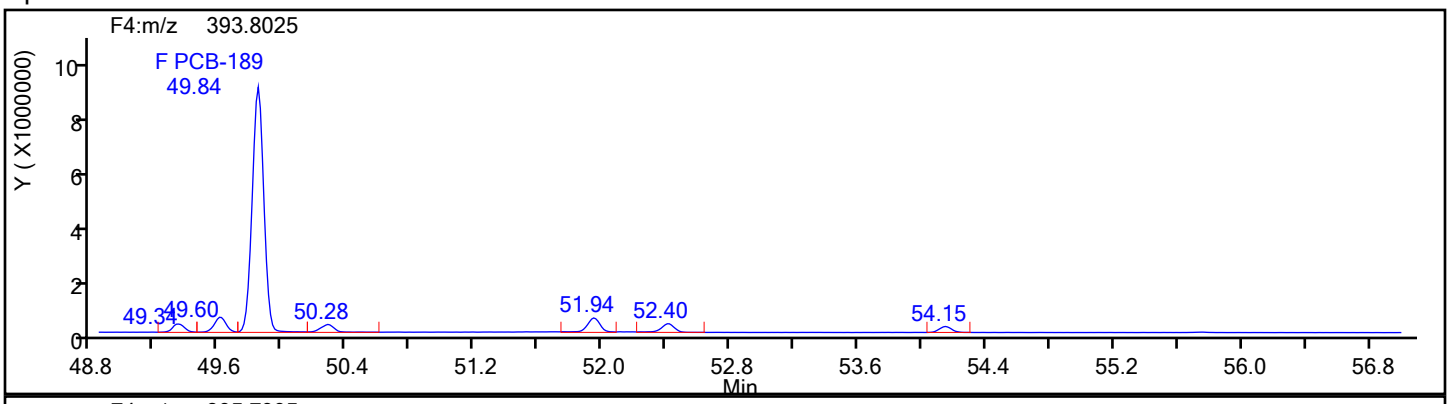
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

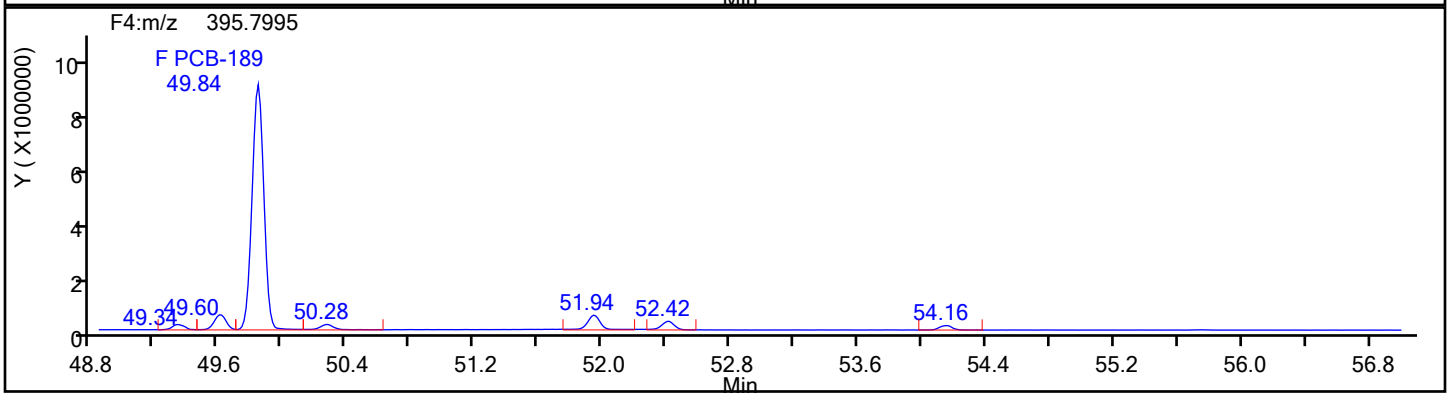
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

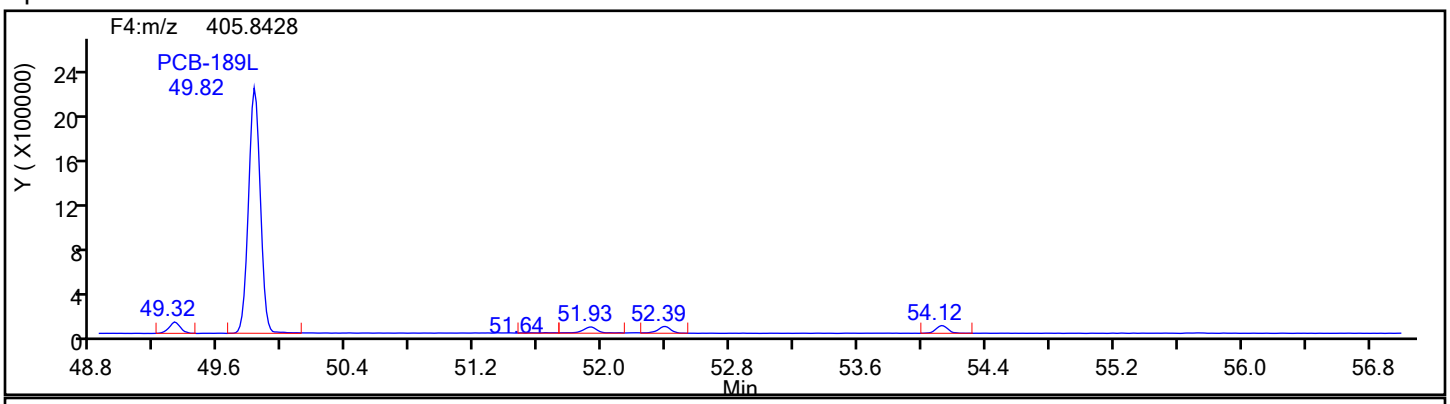
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

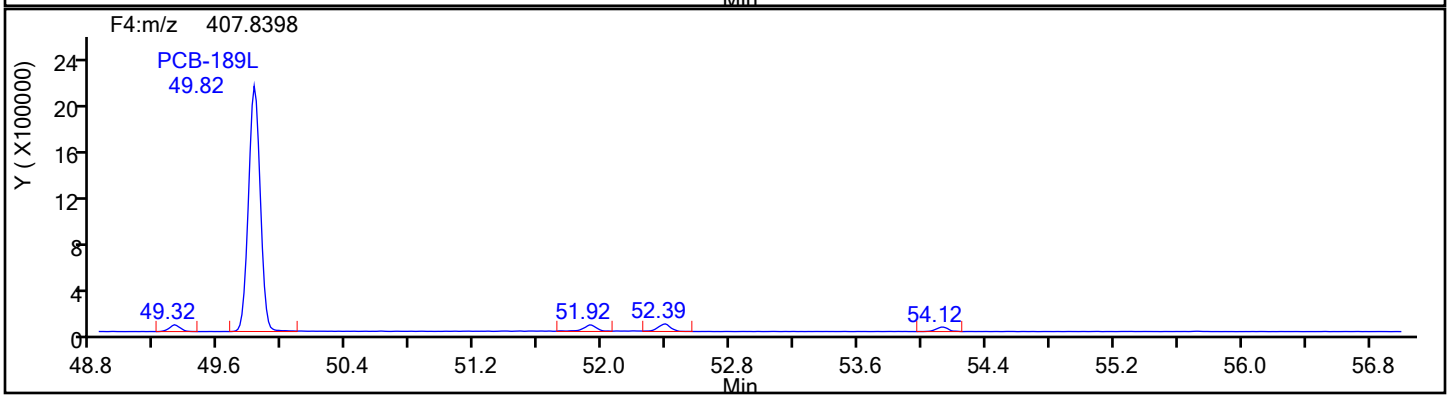
HpPCB F4





HpPCB F4 Standards



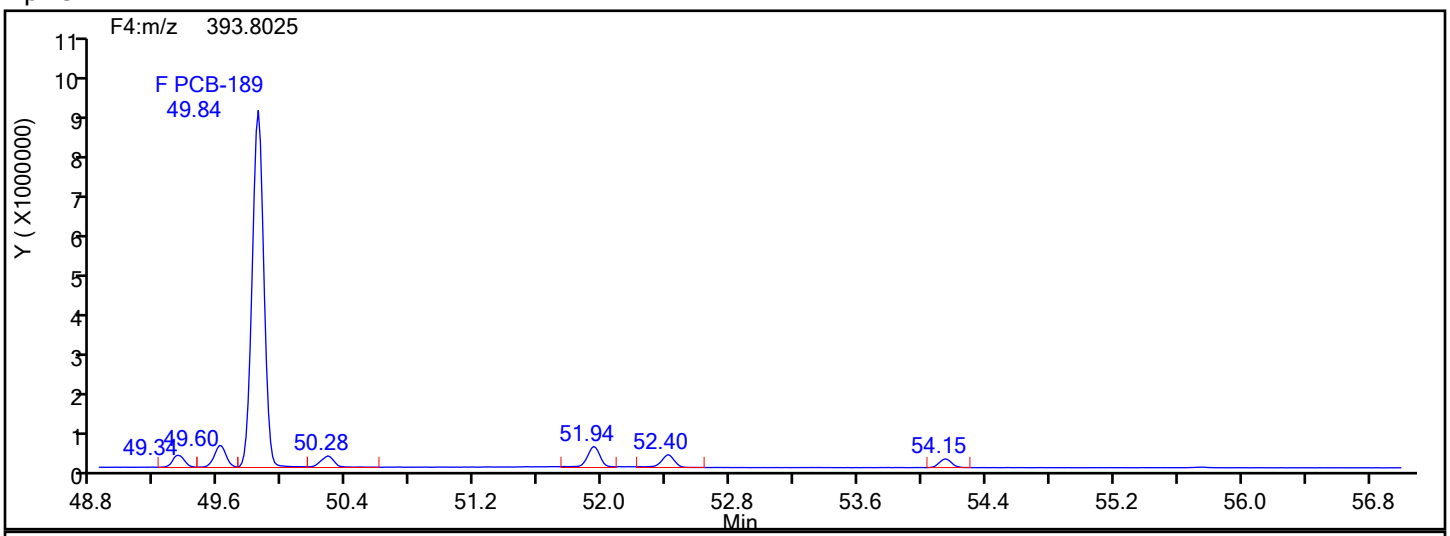


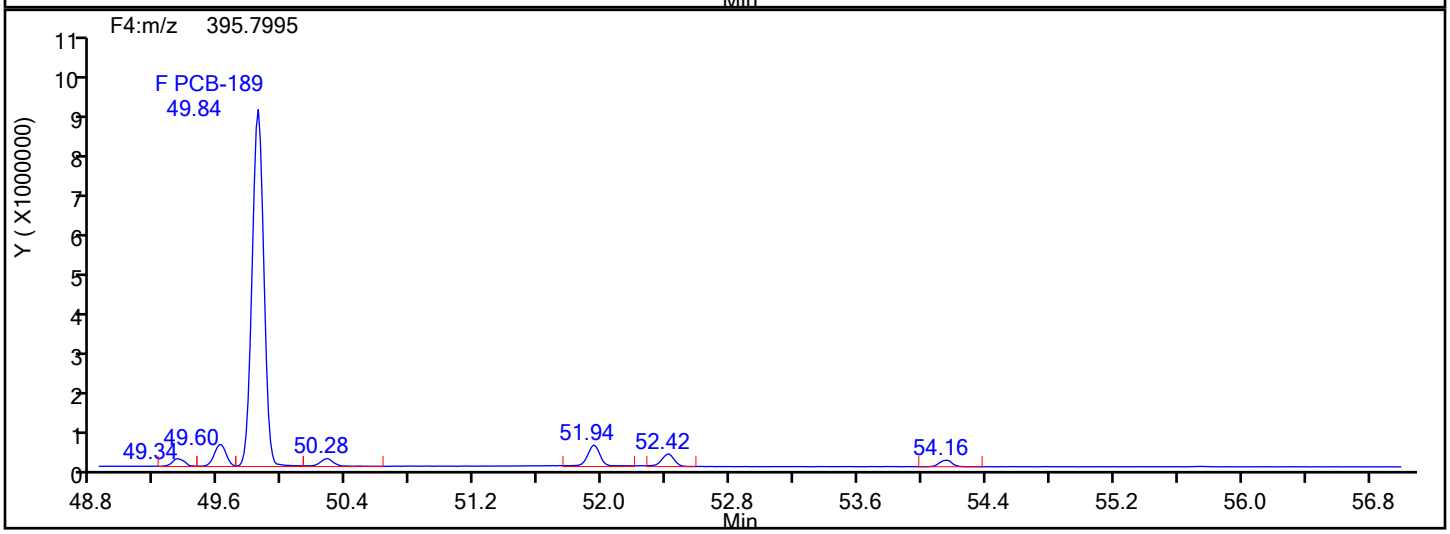
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

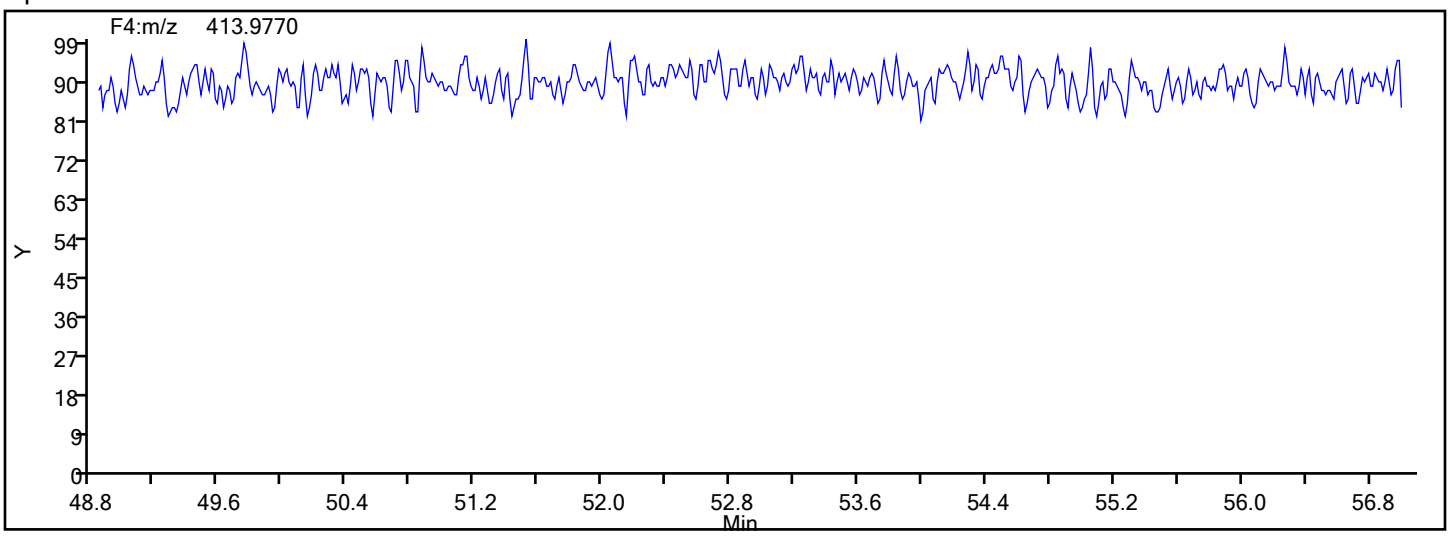
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



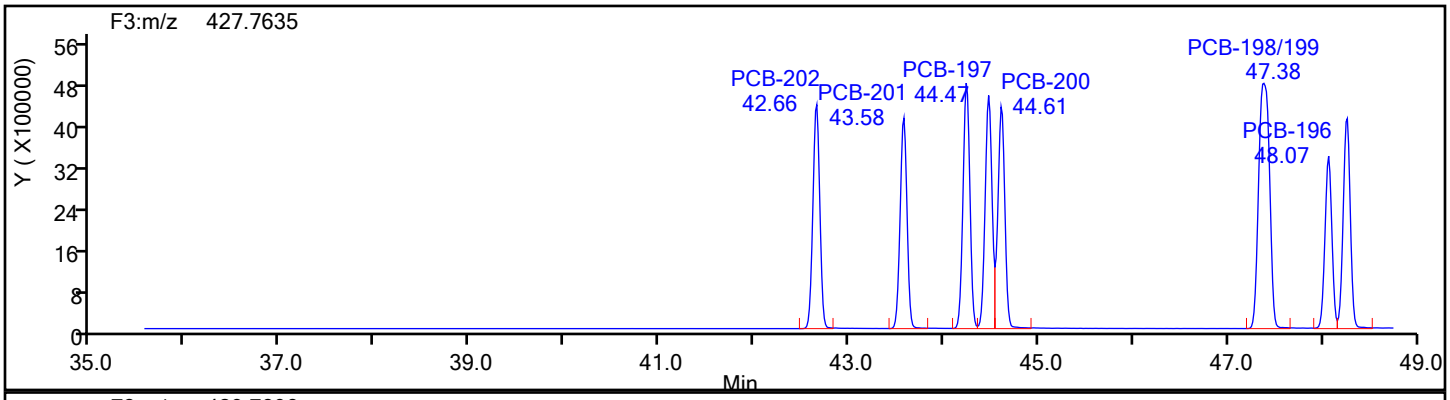
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

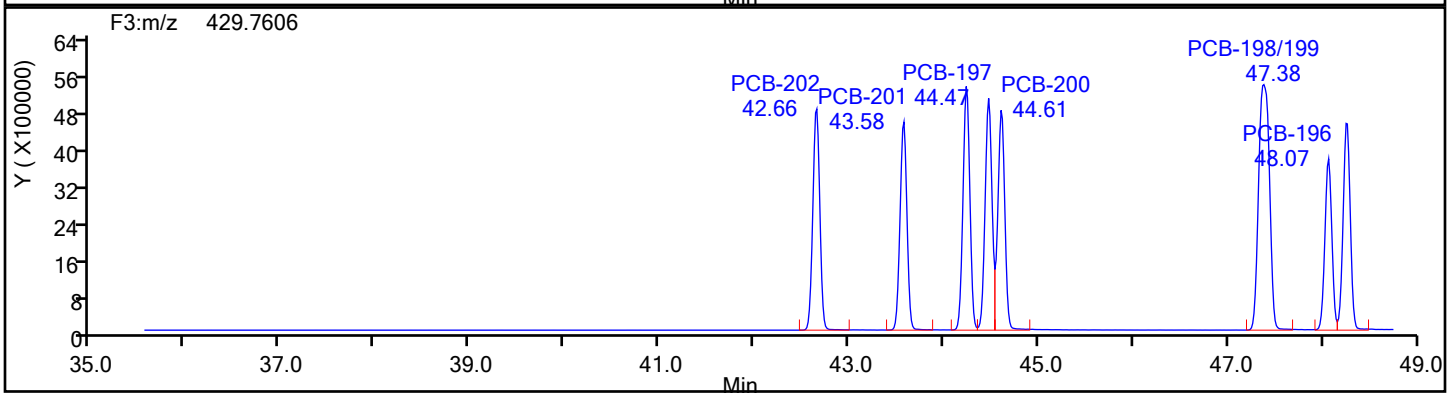
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

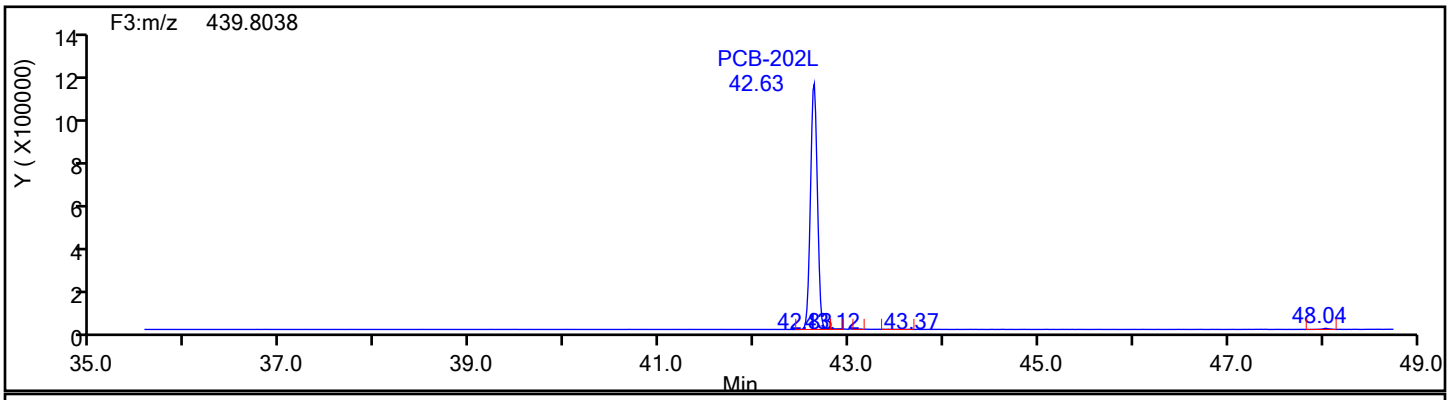
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

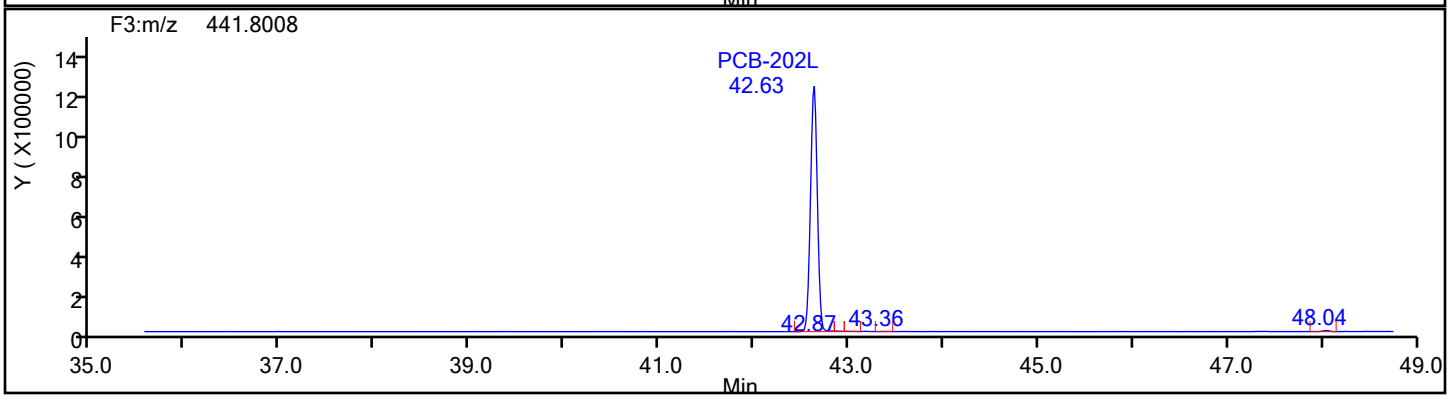
OcPCB F3





OcPCB F3 Standards



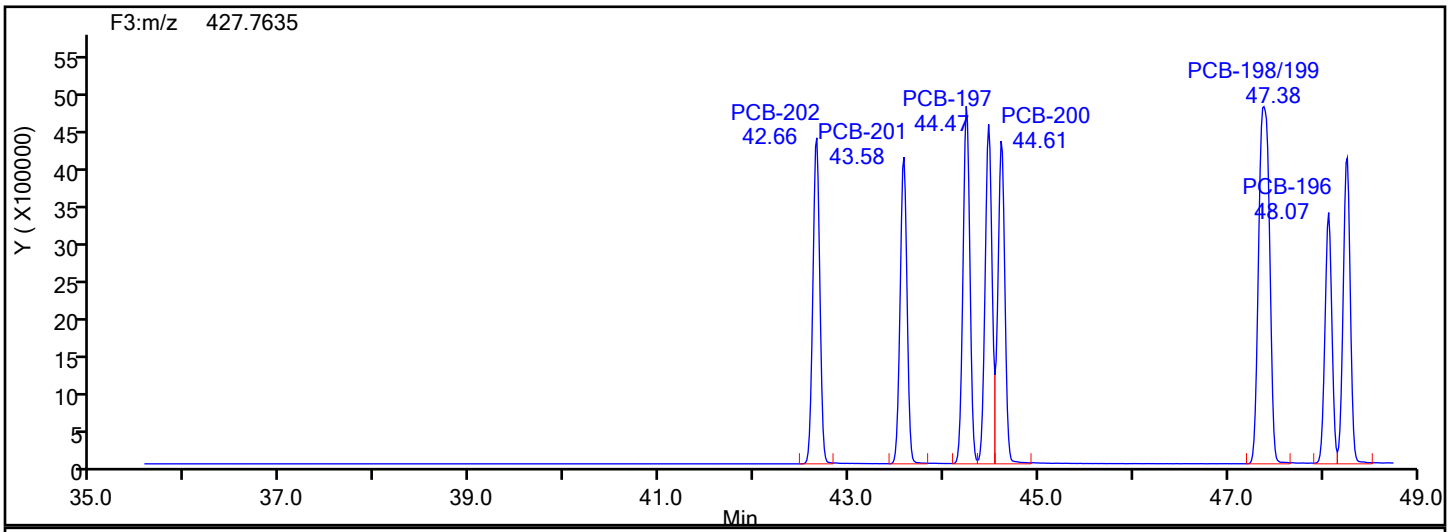


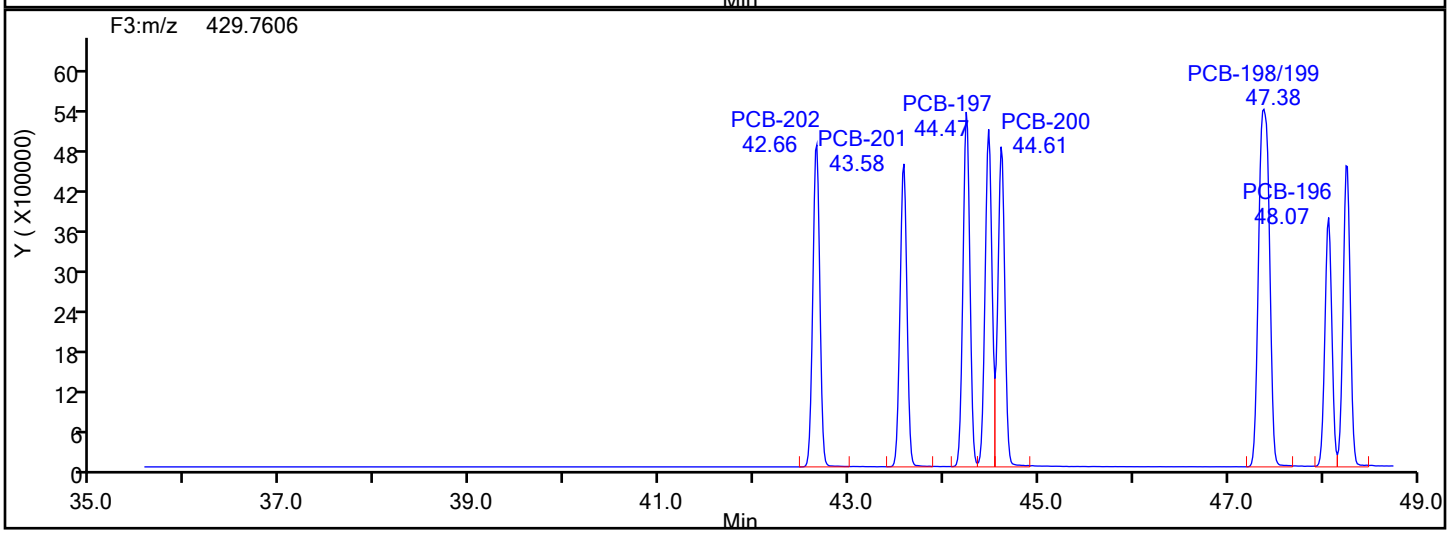
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

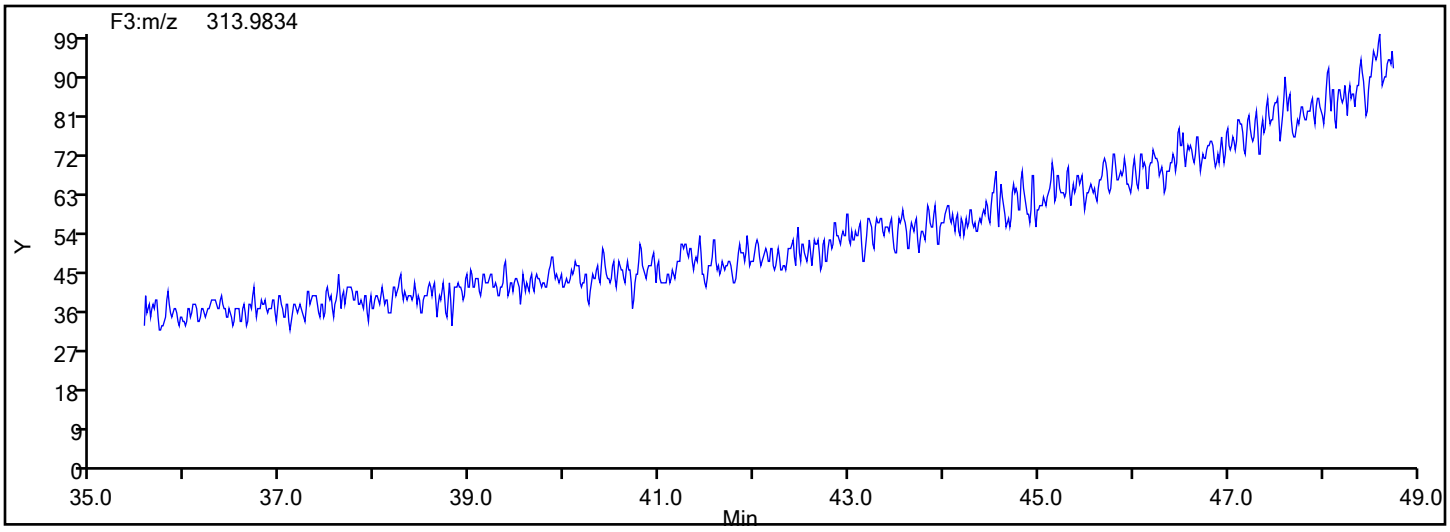
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass

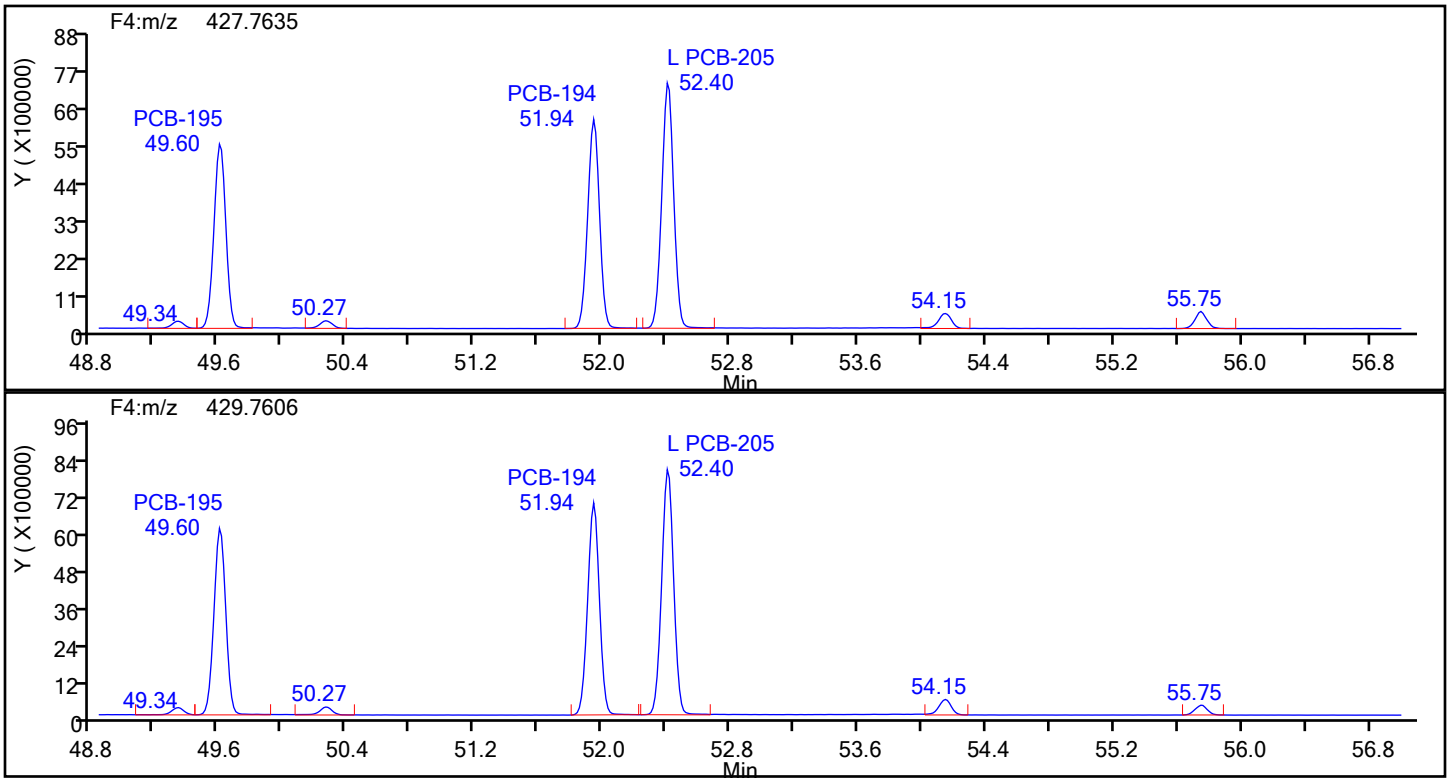


Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

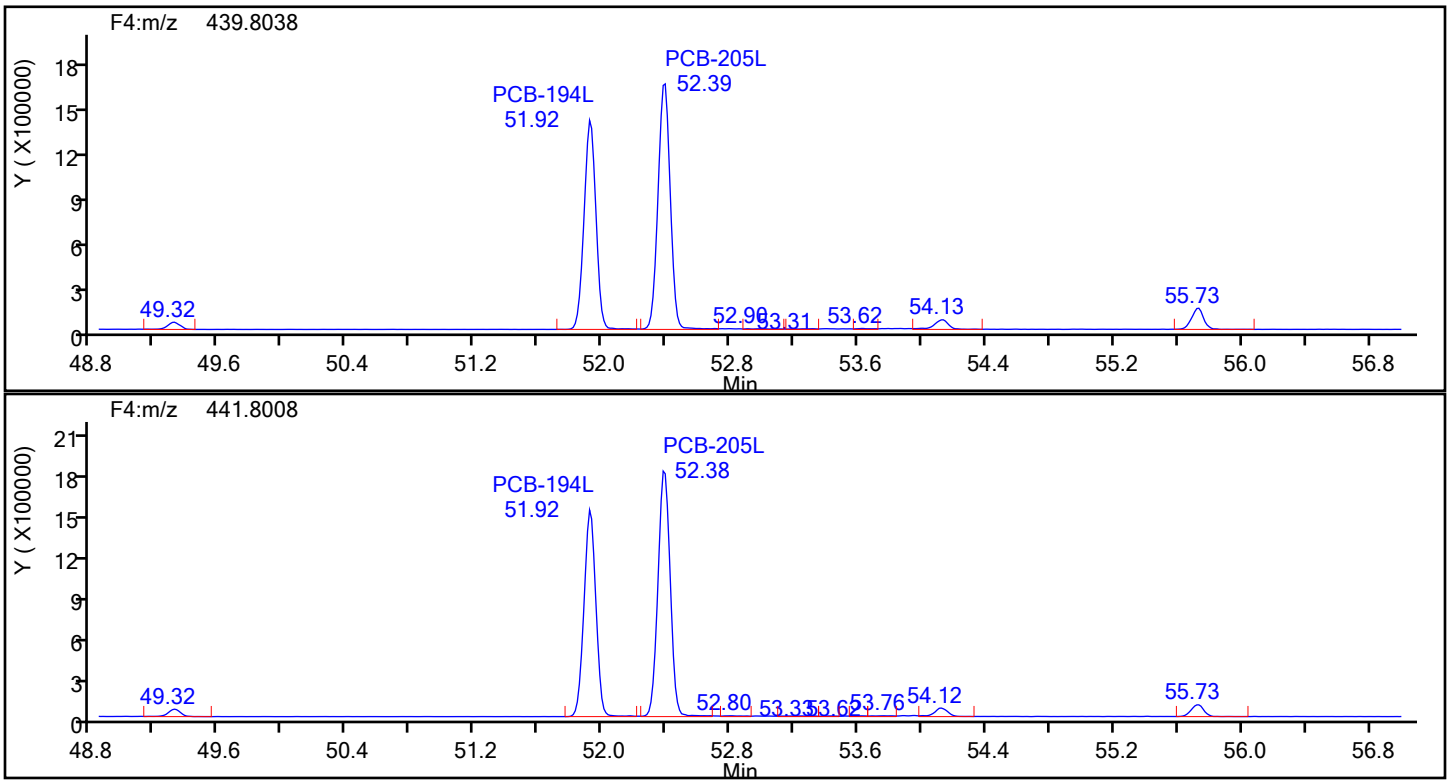
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

OcPCB F4



OcPCB F4 Standards

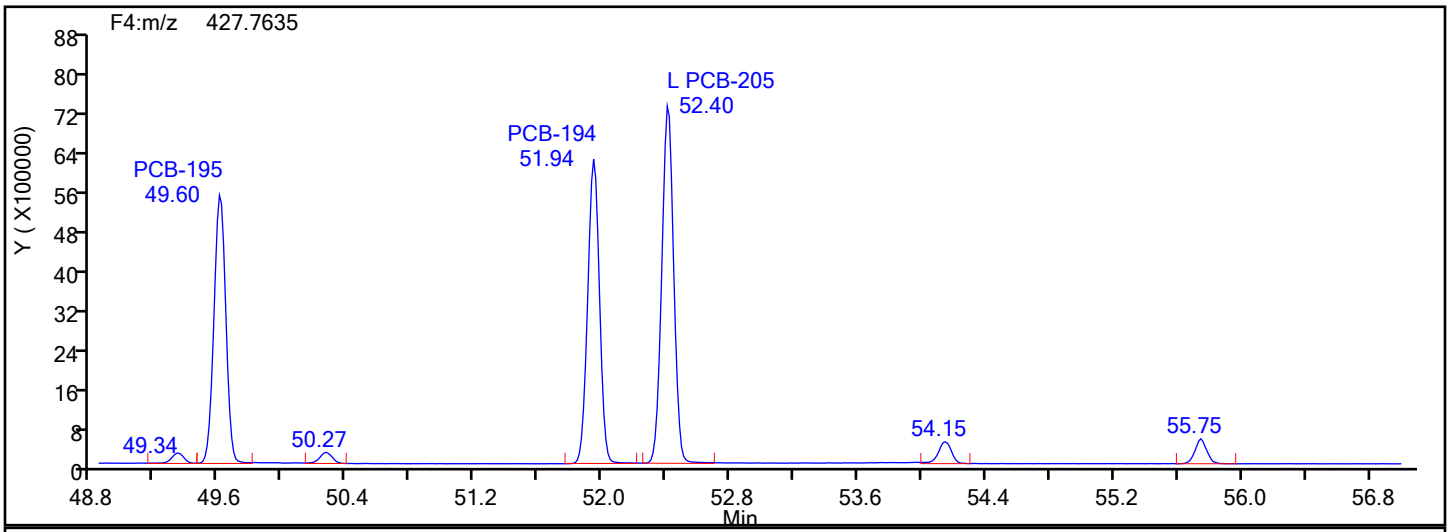


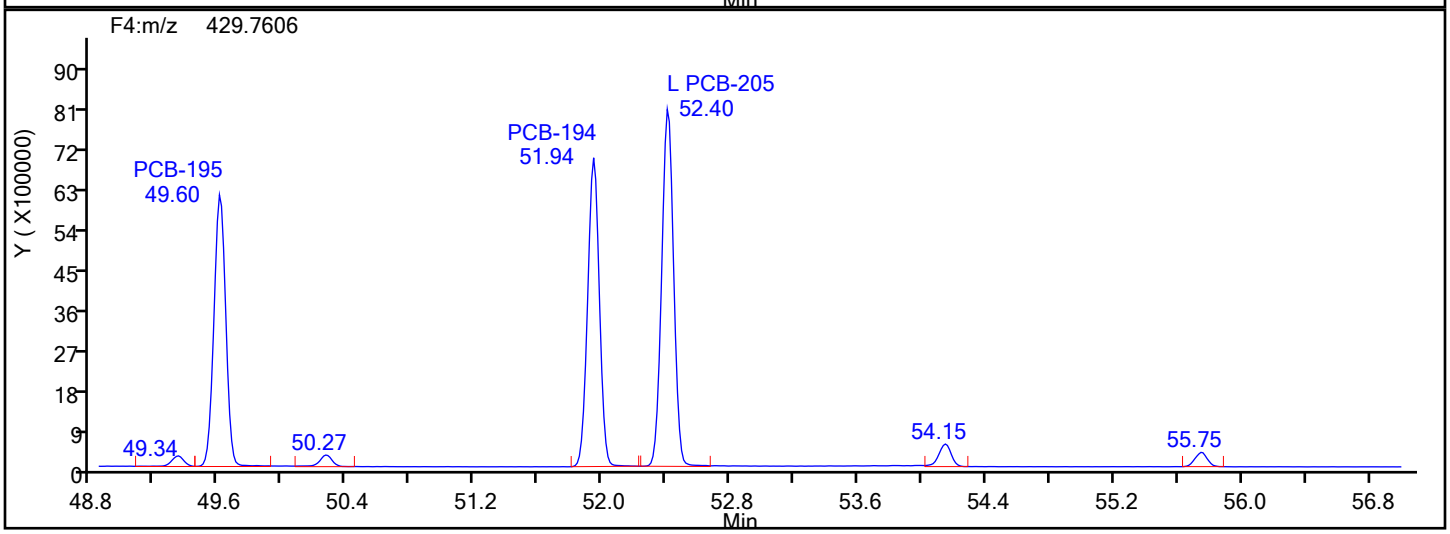
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

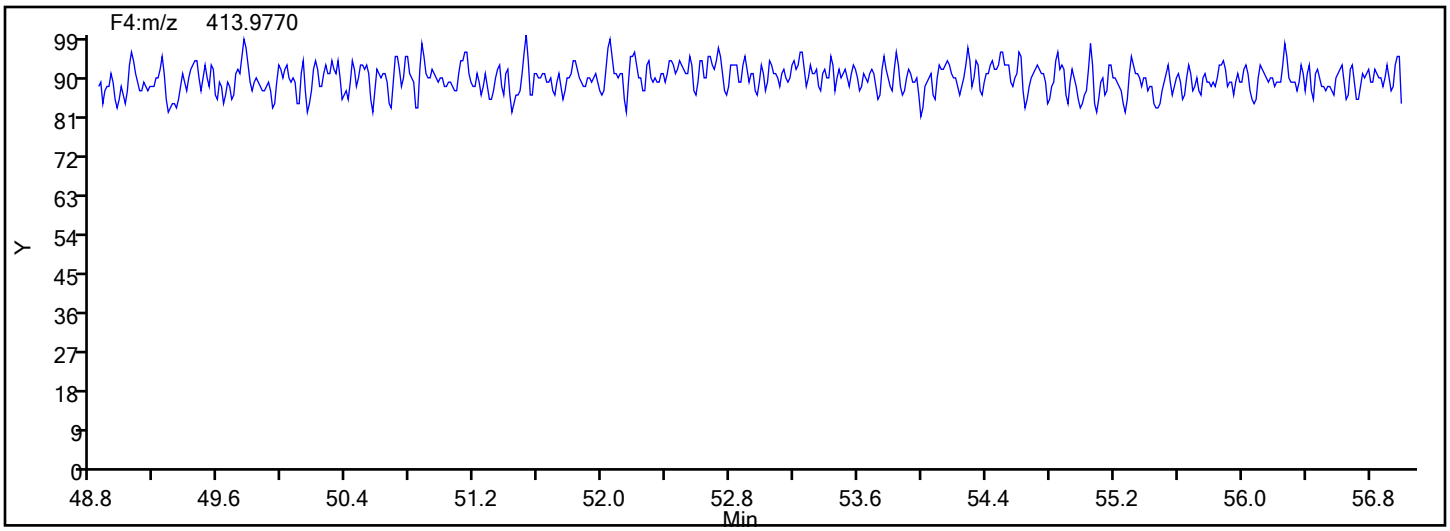
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass

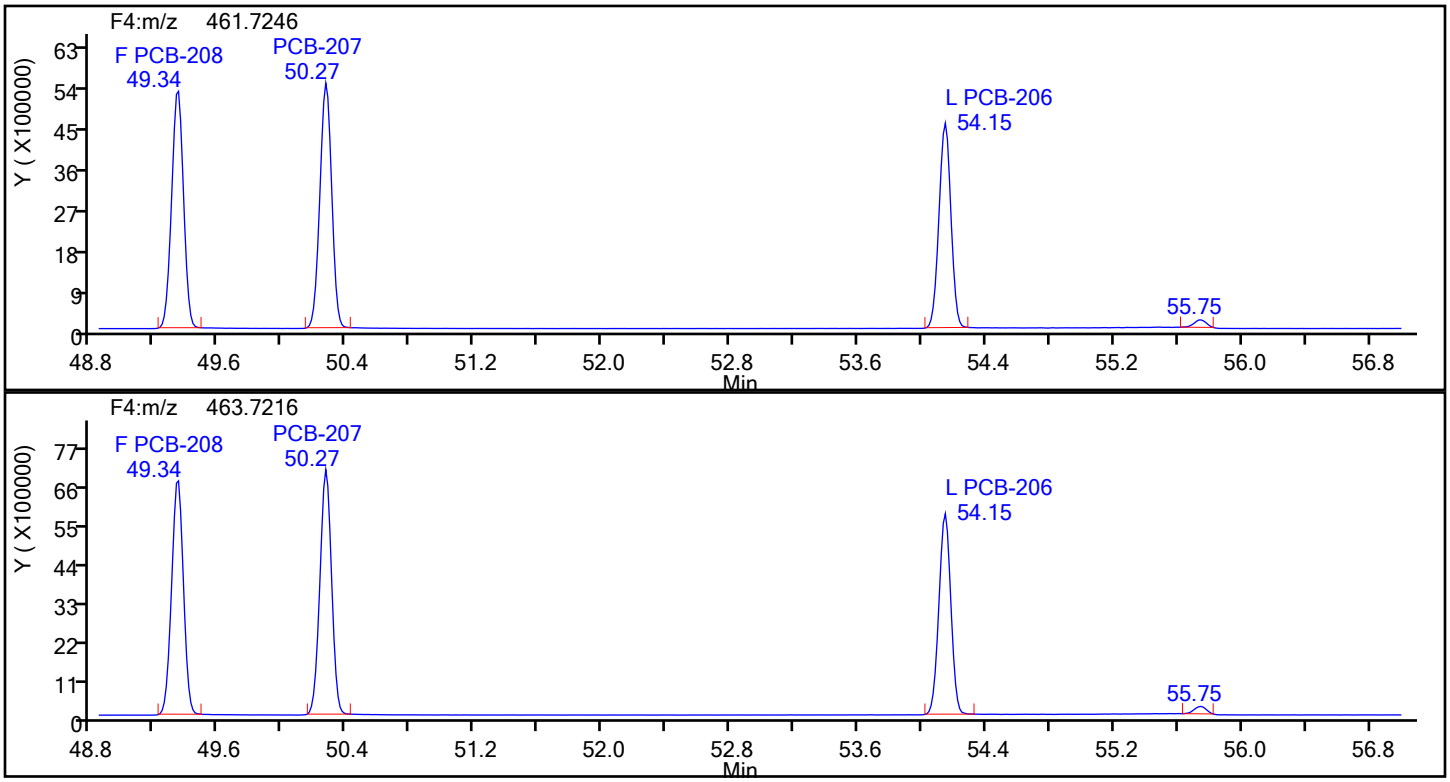


Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

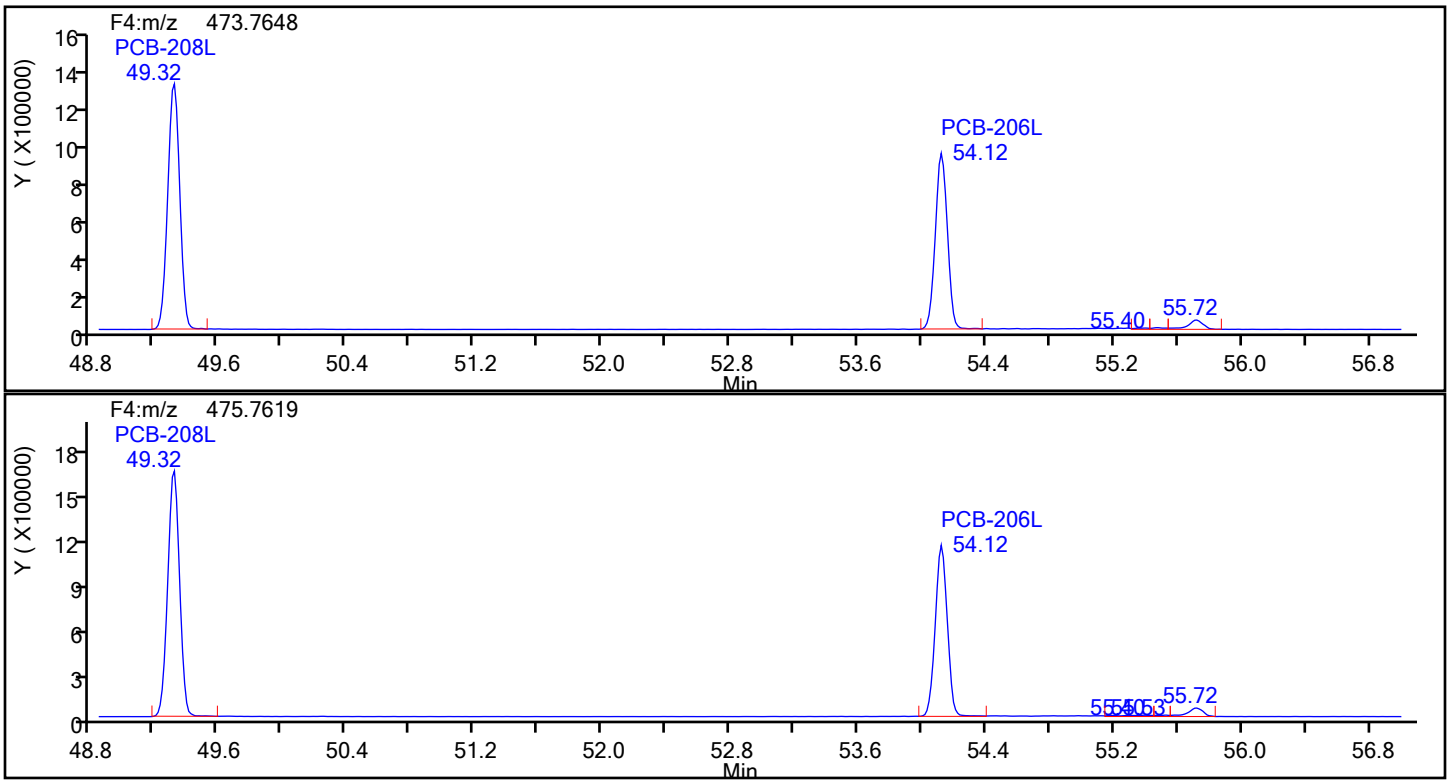
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

NoPCB F4



NoPCB F4 Standards

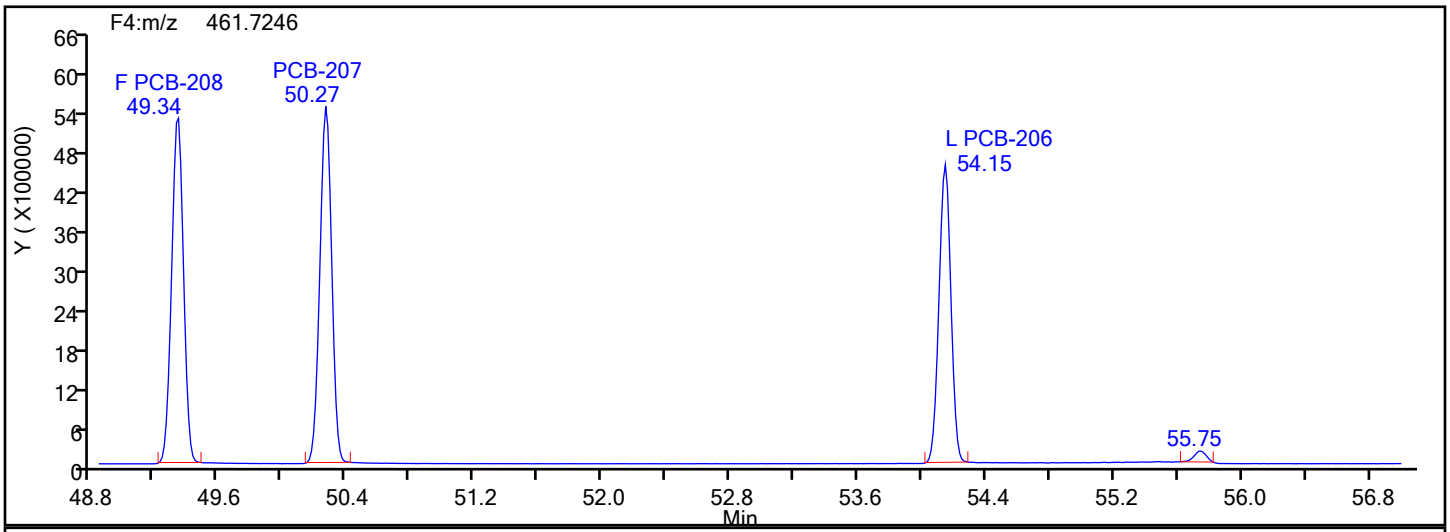


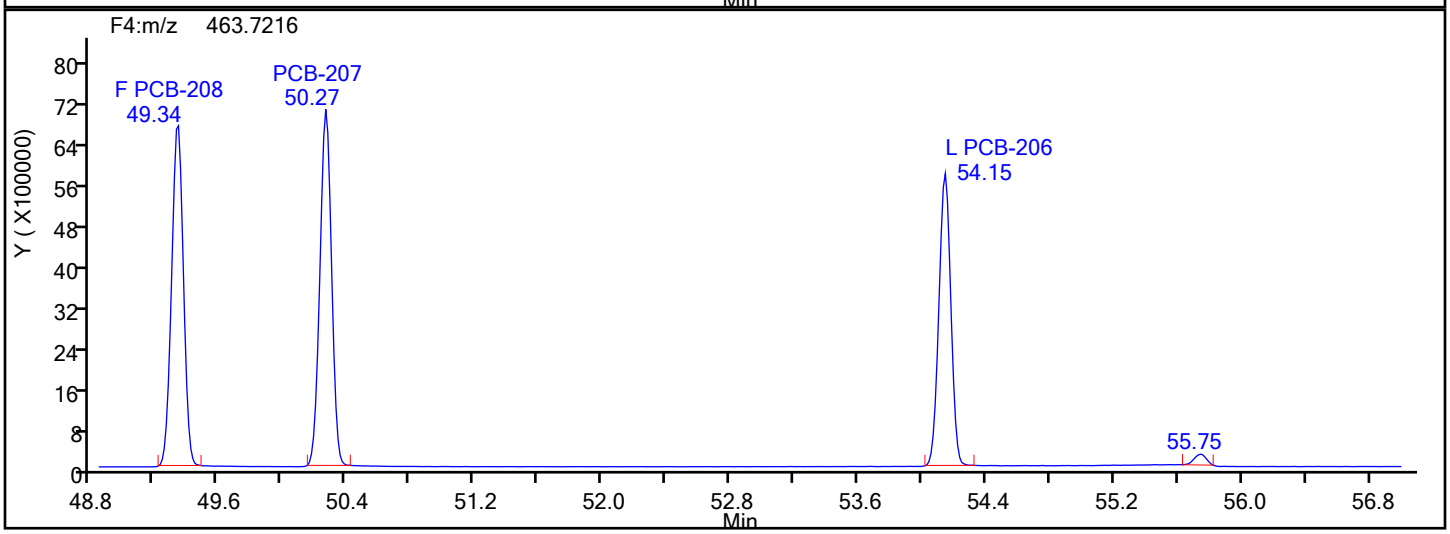
Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

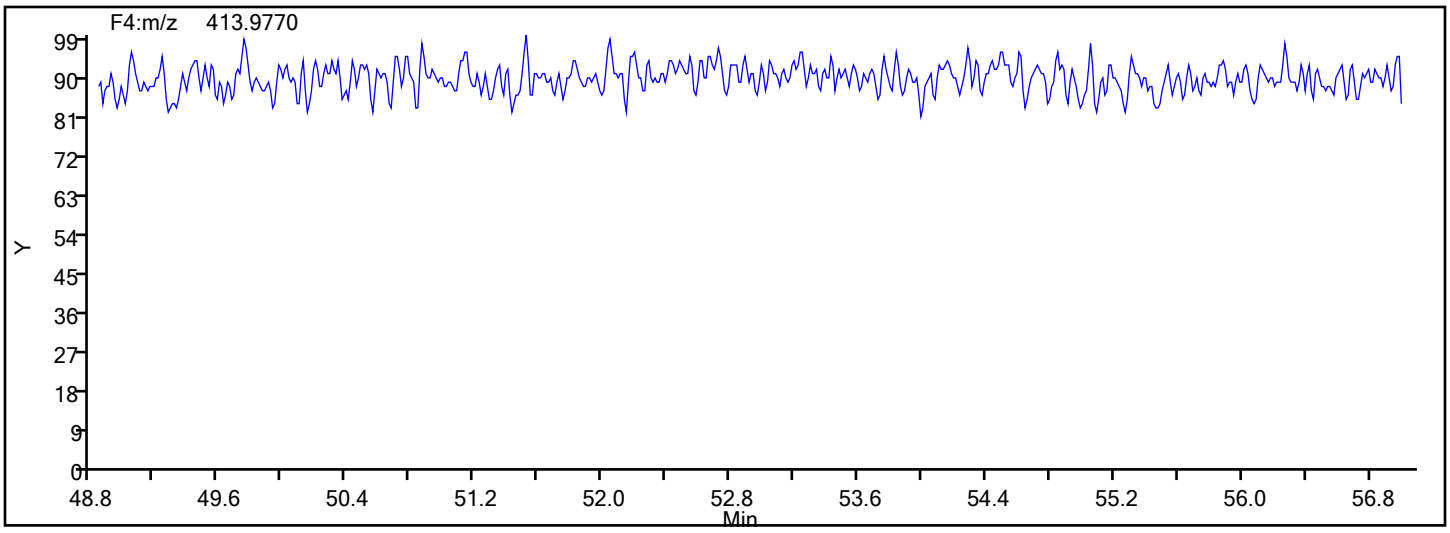
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



Report Date: 08-Oct-2021 19:11:23 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d

Injection Date: 08-Oct-2021 15:56:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

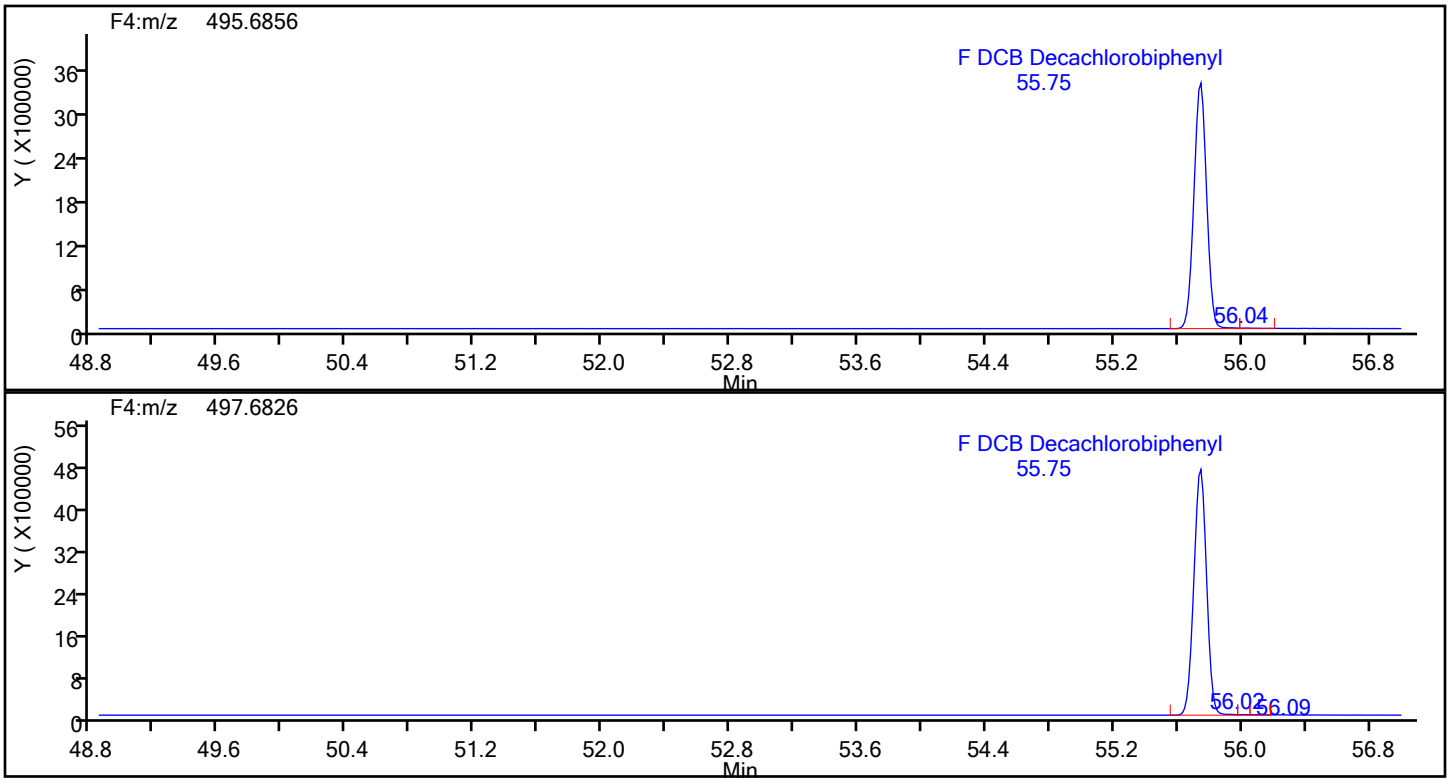
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

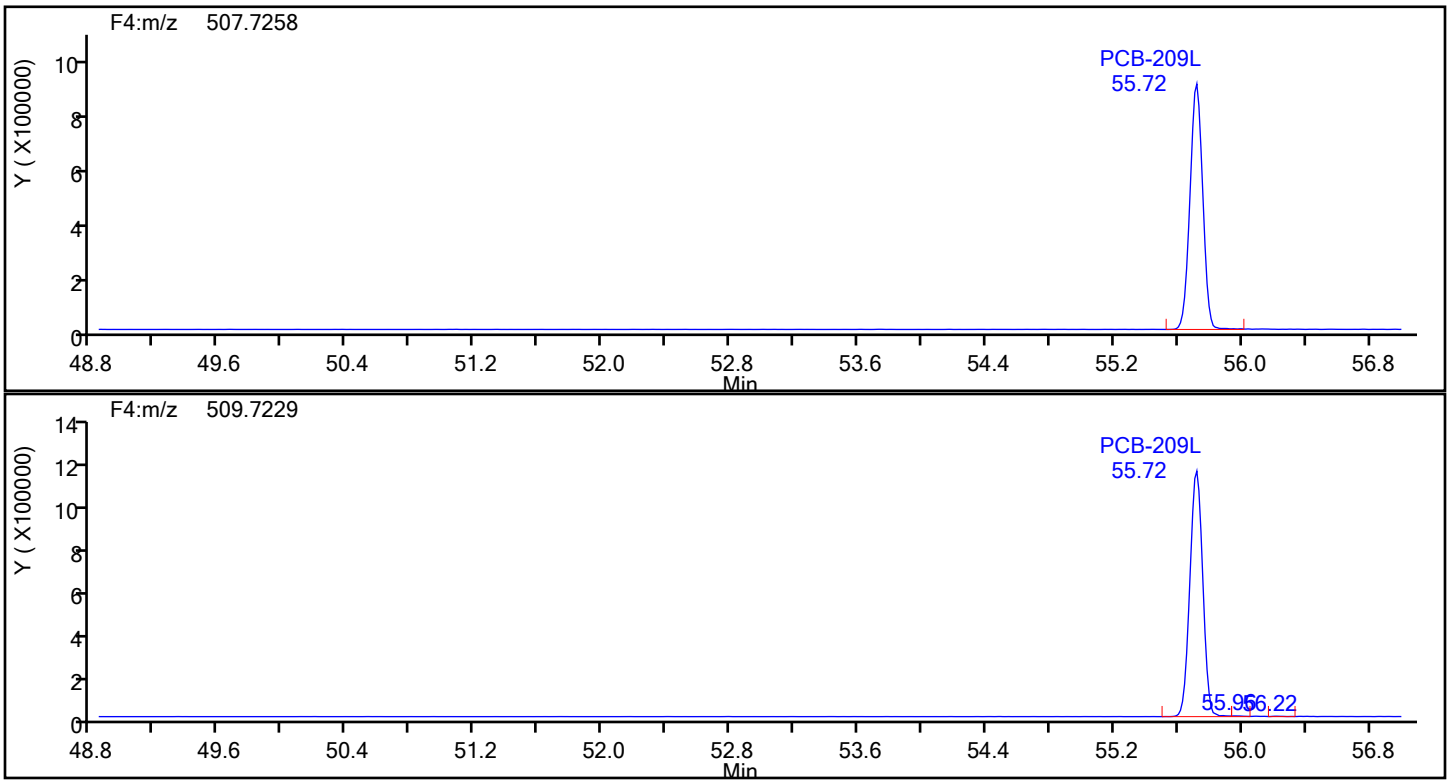
Worklist#: 54640 Sample Line#: 5

Column Type: Column Dia:

DePCB F4



DePCB F4 Standards

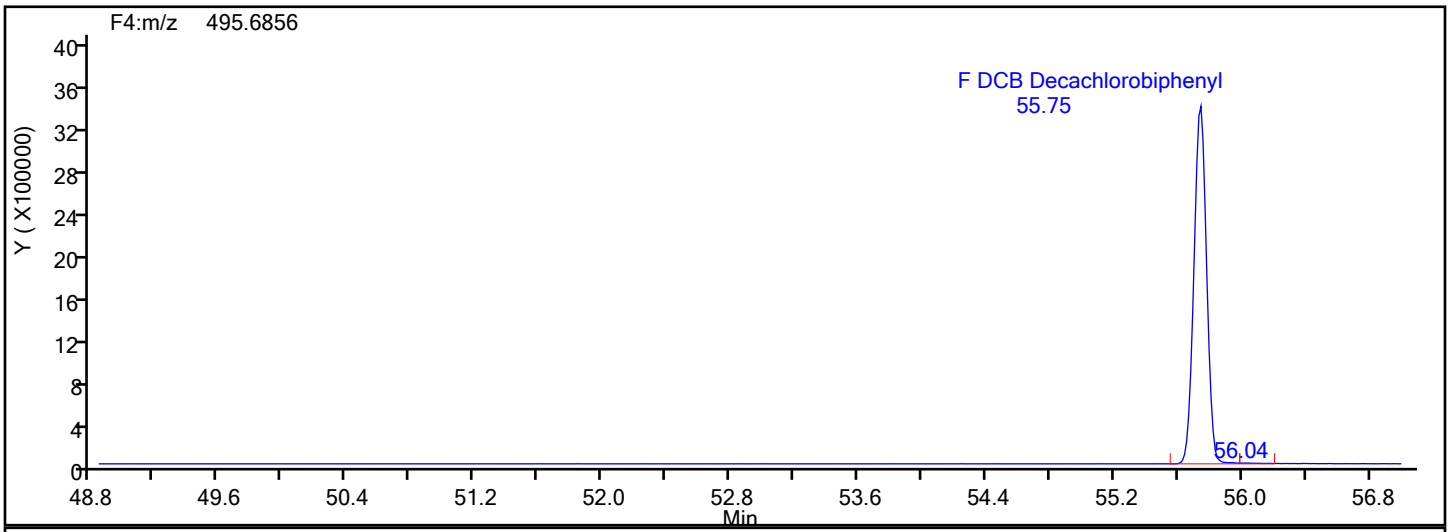


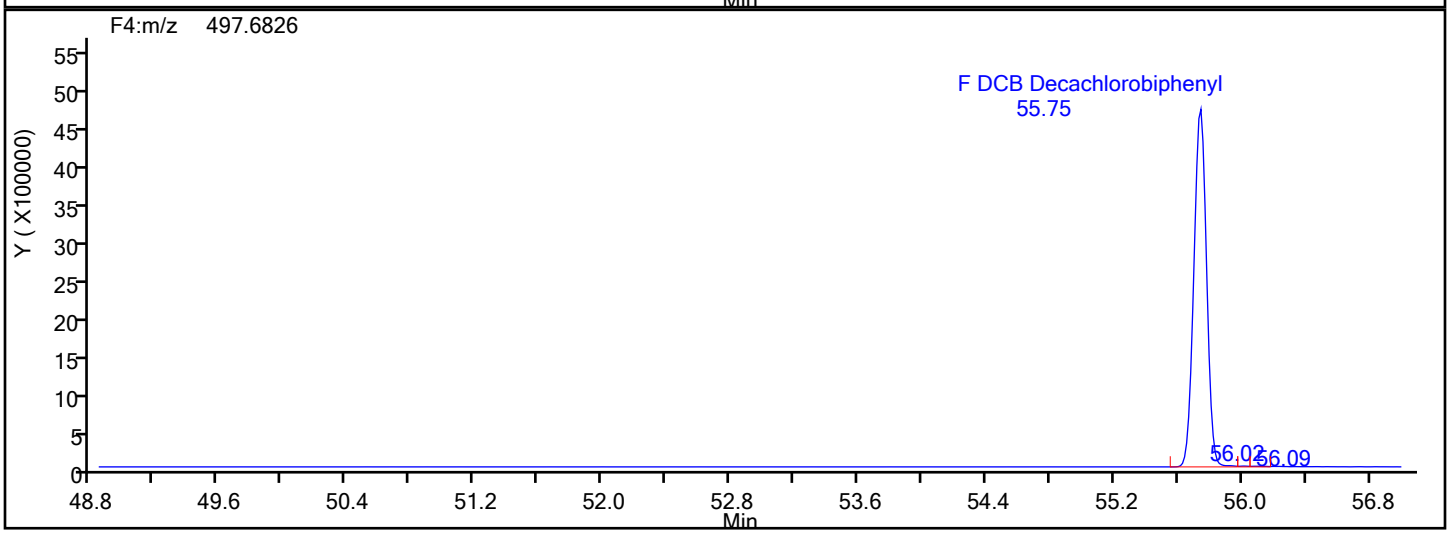
Report Date: 08-Oct-2021 19:11:24 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

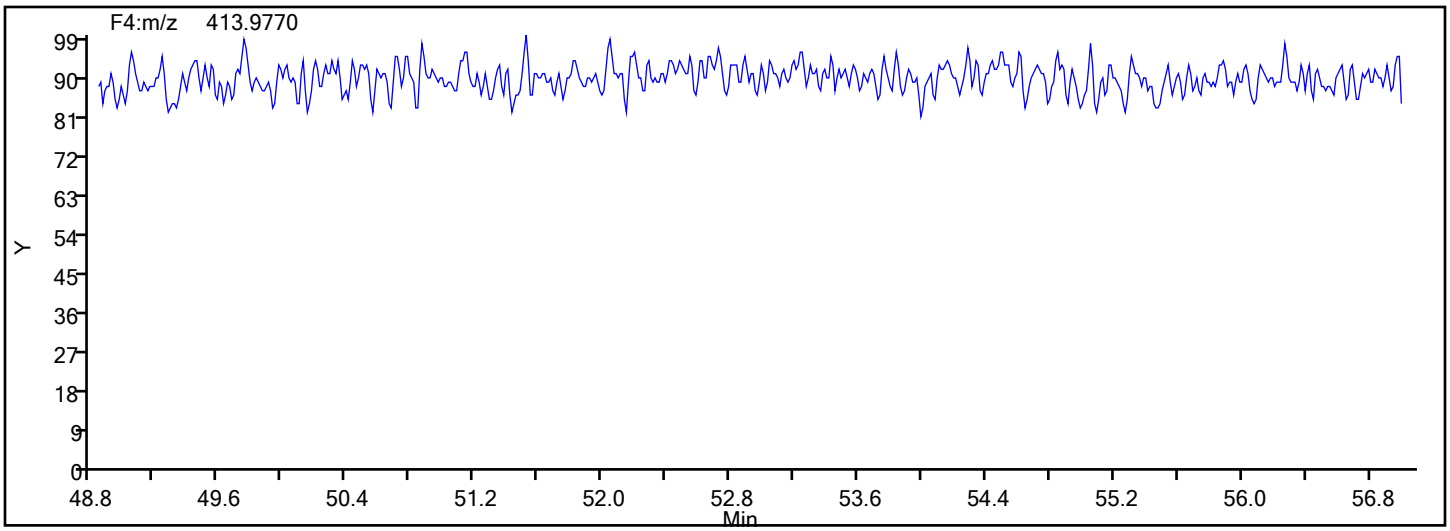
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic5.d		
Injection Date:	08-Oct-2021 15:56:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	5
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Lims ID: IC L6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Oct-2021 16:58:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-006
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:11:33 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 18:17:43

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls							4.578	4.578		
D PCB-1L	11:46	27222800	3.22	1.3572	102.2	102.2	0.1976	0.1976	102	
D PCB-3L	13:56	29085602	3.27	1.4136	104.9	104.9	0.1898	0.1898	105	
PCB-1	11:46						4.190	4.190		RQU
PCB-2	13:45						4.257	4.257		RQU
PCB-3	13:56						4.578	4.578		RQU
S Total Dichlorobiphenyls					25380	25075	0.0541	0.0541		RQ
D PCB-4L	14:12	12348832	1.60	0.6168	102.0	102.0	0.0881	0.0881	102	
* PCB-9L	16:09	19617791	1.60	2E+05	100.0	100.0				
D PCB-15L	20:05	22898469	1.62	1.1198	104.2	104.2	0.0485	0.0485	104	
PCB-4	14:12	339462616	1.64	1.2801	2147.5	2147.5	0.0692	0.0692	107	
PCB-10	14:22	435185893	1.47	1.1542	2139.4	2139.4	0.0606	0.0606	107	
PCB-9	16:09	501091869	1.44	1.3642	2084.3	2084.3	0.0513	0.0513	104	
PCB-7	16:19	471689300	1.52	1.2485	2143.7	2143.7	0.0560	0.0560	107	
PCB-6	16:34	537094552	1.40	1.4961	2037.0	2037.0	0.0468	0.0468	102	
PCB-5	16:53	464050617	1.57	1.2206	2157.2	2157.2	0.0573	0.0573	108	
PCB-8	17:00	558451625	1.38	1.5207	2083.7	2083.7	0.0460	0.0460	104	
PCB-14	18:36	488680892	1.57	1.2864	2155.5	2155.5	0.0544	0.0544	108	
PCB-11	19:28	543255423	1.54	1.4418	2138.0	2138.0	0.0485	0.0485	107	
PCB-12	19:45	882608709	1.56	1.2960	4169.5	3864.4	0.0540	0.0540	104	RQ
PCB-13 (C12)	19:45	882608709	1.56	1.2960	4169.5	3864.4	0.0540	0.0540	104	RQ
PCB-15	20:05	553456901	1.52	1.1378	2124.4	2124.4	0.0508	0.0508	106	
S Total Trichlorobiphenyls					50919	50919	6.966	6.966		
D PCB-19L	17:18	8478261	1.05	0.6075	100.4	100.4	0.2310	0.2310	100	
* PCB-32L	20:32	13903962	1.08	1.4E+05	100.0	100.0				
* PCB-31L	22:48	30768756	1.06	3.1E+05	100.0	100.0				
D PCB-37L	27:08	28084685	1.08	0.8960	101.9	101.9	0.1141	0.1141	102	
PCB-19	17:19	230600759	1.06	1.2904	2107.7	2107.7	0.0268	0.0268	105	
PCB-18	19:06	668158788	1.08	1.8076	4359.8	4359.8	0.0191	0.0191	109	M
PCB-30 (C18)	19:06	668158788	1.08	1.8076	4359.8	4359.8	0.0191	0.0191	109	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-17	19:35	217343112	1.06	1.2151	2109.8	2109.8	0.0284	0.0284	105	
PCB-27	19:48	339474750	1.07	1.7146	2335.3	2335.3	0.0202	0.0202	117	
PCB-24	19:55	327262883	1.06	1.7741	2175.7	2175.7	0.0195	0.0195	109	
PCB-16	20:03	216932731	1.06	1.2003	2131.7	2131.7	0.0288	0.0288	107	
PCB-32	20:34	359186949	1.06	1.9703	2150.3	2150.3	0.0175	0.0175	108	
PCB-34	21:48	629434294	1.04	1.0089	2221.5	2221.5	12.1	12.1	111	
PCB-23	21:57	655898936	1.03	1.0329	2261.1	2261.1	11.8	11.8	113	
PCB-26	22:16	946165805	1.01	1.0037	3356.4	3356.4	12.2	12.2	83.91	
PCB-29 (C26)	22:16	946165805	1.01	1.0037	3356.4	3356.4	12.2	12.2	83.91	
PCB-25	22:31	787230204	1.03	1.2995	2157.1	2157.1	9.397	9.397	108	
PCB-31	22:49	727223424	1.03	1.2369	2093.4	2093.4	9.873	9.873	105	M
PCB-20	23:07	1189699025	1.02	1.1096	3817.8	3817.8	11.0	11.0	95.44	M
PCB-28 (C20)	23:07	1189699025	1.02	1.1096	3817.8	3817.8	11.0	11.0	95.44	M
PCB-21	23:17	1405814593	1.03	1.1245	4451.6	4451.6	10.9	10.9	111	M
PCB-33 (C21)	23:17	1405814593	1.03	1.1245	4451.6	4451.6	10.9	10.9	111	M
PCB-22	23:46	732863129	1.03	1.2027	2169.7	2169.7	10.2	10.2	108	
PCB-36	25:18	781865212	1.03	1.2953	2149.4	2149.4	9.428	9.428	107	
PCB-39	25:40	724032541	1.03	1.1621	2218.4	2218.4	10.5	10.5	111	
PCB-38	26:15	744529900	1.03	1.1759	2254.4	2254.4	10.4	10.4	113	
PCB-35	26:44	695456544	1.03	1.1311	2189.3	2189.3	10.8	10.8	109	M
PCB-37	27:09	710234775	1.04	1.1448	2209.1	2209.1	10.7	10.7	110	
S Total Tetrachlorobiphenyls					88692	87837	9.033	9.033		RQ
D PCB-54L	20:24	9423099	0.82	0.6773	100.1	100.1	0.0348	0.0348	100	
* PCB-52L	24:56	15731790	0.80	1.6E+05	100.0	100.0				
D PCB-81L	33:53	22140336	0.81	1.3497	104.3	104.3	0.0878	0.0878	104	
D PCB-77L	34:27	22684328	0.82	1.4256	101.1	101.1	0.0831	0.0831	101	
PCB-54	20:24	240757174	0.76	1.2064	2117.8	2117.8	0.0456	0.0456	106	
PCB-50	22:34	734731395	0.87	0.7674	4271.7	4271.7	11.9	11.9	107	
PCB-53 (C50)	22:34	734731395	0.87	0.7674	4271.7	4271.7	11.9	11.9	107	
PCB-45	23:18	704679154	0.76	0.7052	4458.6	4458.6	12.9	12.9	111	M
PCB-51 (C45)	23:18	704679154	0.76	0.7052	4458.6	4458.6	12.9	12.9	111	M
PCB-46	23:34	279263952	0.77	0.5909	2108.6	2108.6	15.5	15.5	105	
PCB-52	24:57	404970555	0.77	0.8488	2128.8	2128.8	10.8	10.8	106	
PCB-43	25:06	890930420	0.77	0.8936	4448.7	4448.7	10.2	10.2	111	M
PCB-73 (C43)	25:06	890930420	0.77	0.8936	4448.7	4448.7	10.2	10.2	111	M
PCB-49	25:22	905711028	0.77	0.8934	4523.2	4523.2	10.2	10.2	113	M
PCB-69 (C49)	25:22	905711028	0.77	0.8934	4523.2	4523.2	10.2	10.2	113	M
PCB-48	25:43	361872361	0.77	0.7506	2151.1	2151.1	12.2	12.2	108	
PCB-44	25:57	975073225	0.77	0.8388	5613.7	5187.0	10.9	10.9	93.56	RQ
PCB-47 (C44)	25:57	975073225	0.77	0.8388	5613.7	5187.0	10.9	10.9	93.56	RQ
PCB-65 (C44)	25:57	975073225	0.77	0.8388	5613.7	5187.0	10.9	10.9	93.56	RQ
PCB-59	26:16	1223320658	0.77	1.0042	5863.4	5435.4	9.093	9.093	97.72	RQ
PCB-62 (C59)	26:16	1223320658	0.77	1.0042	5863.4	5435.4	9.093	9.093	97.72	RQ
PCB-75 (C59)	26:16	1223320658	0.77	1.0042	5863.4	5435.4	9.093	9.093	97.72	RQ
PCB-42	26:30	321747952	0.78	0.6874	2088.4	2088.4	13.3	13.3	104	
PCB-40	26:59	1083264409	0.84	0.7618	6344.8	6344.8	12.0	12.0	106	M
PCB-41 (C40)	26:59	1083264409	0.84	0.7618	6344.8	6344.8	12.0	12.0	106	M
PCB-71 (C40)	26:59	1083264409	0.84	0.7618	6344.8	6344.8	12.0	12.0	106	M
PCB-64	27:12	520015645	0.77	1.0318	2248.8	2248.8	8.850	8.850	112	
PCB-72	28:01	586723388	0.77	1.1621	2252.6	2252.6	7.857	7.857	113	
PCB-68	28:18	548297972	0.77	1.1249	2174.8	2174.8	8.117	8.117	109	
PCB-57	28:43	547115518	0.77	1.1107	2197.8	2197.8	8.221	8.221	110	
PCB-58	28:59	645461566	0.78	1.2848	2241.5	2241.5	7.107	7.107	112	
PCB-67	29:08	663504495	0.77	1.3274	2230.3	2230.3	6.879	6.879	112	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-63	29:24	521966500	0.77	1.0648	2187.2	2187.2	8.575	8.575	109	
PCB-61	29:44	1955135712	0.87	1.1549	7553.6	7553.6	7.907	7.907	94.42	M
PCB-70 (C61)	29:44	1955135712	0.87	1.1549	7553.6	7553.6	7.907	7.907	94.42	M
PCB-74 (C61)	29:44	1955135712	0.87	1.1549	7553.6	7553.6	7.907	7.907	94.42	M
PCB-76 (C61)	29:44	1955135712	0.87	1.1549	7553.6	7553.6	7.907	7.907	94.42	M
PCB-66	30:04	618722841	0.77	1.2325	2239.8	2239.8	7.409	7.409	112	M
PCB-55	30:15	617090885	0.77	1.2655	2175.8	2175.8	7.216	7.216	109	
PCB-56	30:45	595775748	0.77	1.2161	2185.8	2185.8	7.508	7.508	109	
PCB-60	30:58	491009228	0.76	1.0554	2075.9	2075.9	8.652	8.652	104	
PCB-80	31:21	607147930	0.80	1.2769	2121.5	2121.5	7.151	7.151	106	
PCB-79	32:54	732258059	0.80	1.4452	2260.7	2260.7	6.318	6.318	113	
PCB-78	33:28	573125886	0.76	1.2116	2110.5	2110.5	7.536	7.536	106	
PCB-81	33:54	473642410	0.77	1.0148	2108.0	2108.0	8.994	8.994	105	
PCB-77	34:29	525991572	0.77	1.0498	2208.7	2208.7	8.702	8.702	110	
S Total Pentachlorobiphenyls					99846	99512	3.698	3.698		RQ
D PCB-104L	25:53	13976634	1.57	1.1880	94.8	94.8	0.0187	0.0187	94.83	
* PCB-101L	31:47	12406543	1.58	1.2E+05	100.0	100.0				
D PCB-123L	36:26	20297251	1.58	0.9399	102.8	102.8	0.5829	0.5829	103	
D PCB-118L	36:46	20687454	1.60	0.9794	100.5	100.5	0.5594	0.5594	101	
D PCB-114L	37:17	20672490	1.58	0.9767	100.7	100.7	0.5609	0.5609	101	
D PCB-105L	37:57	20439759	1.58	0.9600	101.3	101.3	0.5707	0.5707	101	
* PCB-127L	39:25	21016117	1.58	2.1E+05	100.0	100.0				
D PCB-126L	41:03	20567730	1.60	0.9554	102.4	102.4	0.5734	0.5734	102	
PCB-104	25:54	303997309	1.63	1.0054	2163.3	2163.3	0.0400	0.0400	108	
PCB-96	26:18	368860052	1.65	1.1511	2292.7	2292.7	0.0349	0.0349	115	
PCB-103	28:11	244304864	1.62	0.8327	2099.2	2099.2	0.0482	0.0482	105	
PCB-94	28:26	201523876	1.61	0.6950	2074.7	2074.7	0.0578	0.0578	104	
PCB-95	28:53	229514051	1.62	0.7922	2072.7	2072.7	0.0507	0.0507	104	
PCB-93	29:05	485583566	1.64	0.7830	4437.1	4437.1	0.0513	0.0513	111	
PCB-100 (C93)	29:05	485583566	1.64	0.7830	4437.1	4437.1	0.0513	0.0513	111	
PCB-98	29:15	551266581	1.66	0.9182	4295.4	4295.4	0.0437	0.0437	107	M
PCB-102 (C98)	29:15	551266581	1.66	0.9182	4295.4	4295.4	0.0437	0.0437	107	M
PCB-88	29:45	485774904	1.63	0.8023	4332.0	4332.0	0.0501	0.0501	108	
PCB-91 (C88)	29:45	485774904	1.63	0.8023	4332.0	4332.0	0.0501	0.0501	108	
PCB-84	29:59	198364378	1.62	0.6855	2070.4	2070.4	0.0586	0.0586	104	
PCB-89	30:27	240781146	1.60	0.8482	2031.0	2031.0	0.0474	0.0474	102	
PCB-121	30:49	393056974	1.65	1.2839	2190.5	2190.5	0.0313	0.0313	110	
PCB-92	31:13	225508444	1.61	0.7805	2067.1	2067.1	0.0515	0.0515	103	
PCB-90	31:47	900547830	1.60	0.9542	6752.3	6752.3	0.0421	0.0421	113	
PCB-101 (C90)	31:47	900547830	1.60	0.9542	6752.3	6752.3	0.0421	0.0421	113	
PCB-113 (C90)	31:47	900547830	1.60	0.9542	6752.3	6752.3	0.0421	0.0421	113	
PCB-83	32:23	533528819	1.59	0.8851	4312.8	4312.8	0.0454	0.0454	108	
PCB-99 (C83)	32:23	533528819	1.59	0.8851	4312.8	4312.8	0.0454	0.0454	108	
PCB-112	32:30	422185952	1.64	1.4150	2134.7	2134.7	0.0284	0.0284	107	
PCB-86	32:51	1874043647	1.39	1.0283	13040	13040	0.0391	0.0391	109	M
PCB-87 (C86)	32:51	1874043647	1.39	1.0283	13040	13040	0.0391	0.0391	109	M
PCB-97 (C86)	32:51	1874043647	1.39	1.0283	13040	13040	0.0391	0.0391	109	M
PCB-109 (C86)	32:51	1874043647	1.39	1.0283	13040	13040	0.0391	0.0391	109	M
PCB-119 (C86)	32:51	1874043647	1.39	1.0283	13040	13040	0.0391	0.0391	109	M
PCB-125 (C86)	32:51	1874043647	1.39	1.0283	13040	13040	0.0391	0.0391	109	M
PCB-85	33:36	961572148	1.65	1.0238	6720.1	6720.1	0.0392	0.0392	112	
PCB-116 (C85)	33:36	961572148	1.65	1.0238	6720.1	6720.1	0.0392	0.0392	112	
PCB-117 (C85)	33:36	961572148	1.65	1.0238	6720.1	6720.1	0.0392	0.0392	112	
PCB-110	33:49	846514499	1.63	1.3556	4467.9	4467.9	0.0296	0.0296	112	
PCB-115 (C110)	33:49	846514499	1.63	1.3556	4467.9	4467.9	0.0296	0.0296	112	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-82	34:07	247005301	1.62	0.8520	2074.3	2074.3	0.0472	0.0472	104	
PCB-111	34:29	361958601	1.64	1.2217	2119.9	2119.9	0.0329	0.0329	106	
PCB-120	34:56	462474997	1.63	1.5157	2183.1	2183.1	0.0265	0.0265	109	
PCB-108	36:05	847140367	1.55	1.0910	4115.3	3781.6	11.4	11.4	103	RQ
PCB-124 (C108)	36:05	847140367	1.55	1.0910	4115.3	3781.6	11.4	11.4	103	RQ
PCB-107	36:20	557371801	1.58	1.2004	2261.3	2261.3	10.4	10.4	113	
PCB-123	36:27	449196311	1.64	1.0447	2118.5	2118.5	11.9	11.9	106	
PCB-106	36:35	554296826	1.64	1.1708	2305.7	2305.7	10.7	10.7	115	
PCB-118	36:47	468976699	1.63	1.0261	2209.4	2209.4	11.9	11.9	110	
PCB-122	37:09	403835270	1.63	0.9264	2123.1	2123.1	13.5	13.5	106	
PCB-114	37:19	486902936	1.62	1.0927	2155.4	2155.4	11.3	11.3	108	
PCB-105	37:59	490014981	1.62	1.0755	2229.0	2229.0	11.7	11.7	111	
PCB-127	39:27	544217719	1.61	1.1835	2239.5	2239.5	10.5	10.5	112	
PCB-126	41:05	545218156	1.63	1.2284	2158.0	2158.0	10.4	10.4	108	
S Total Hexachlorobiphenyls					90999	90999	10.0	10.0		
D PCB-155L	31:31	13220149	1.27	1.1357	93.8	93.8	0.0256	0.0256	93.83	
* PCB-138L	39:54	14555128	1.28	1.5E+05	100.0	100.0				
D PCB-167L	42:54	18284774	1.29	1.2662	99.2	99.2	0.5238	0.5238	99.21	
D PCB-156L	44:05	36072983	1.28	1.2515	198.0	198.0	0.5300	0.5300	99.01	
D PCB-157L (C156L)	44:05	36072983	1.28	1.2515	198.0	198.0	0.5300	0.5300	99.01	
D PCB-169L	47:18	18920198	1.27	1.3070	99.5	99.5	0.5075	0.5075	99.45	
PCB-155	31:32	254971648	1.28	0.9289	2076.4	2076.4	0.0708	0.0708	104	
PCB-152	31:47	339157071	1.29	1.1242	2282.1	2282.1	0.0585	0.0585	114	
PCB-150	31:56	281992916	1.28	0.9966	2140.3	2140.3	0.0660	0.0660	107	
PCB-136	32:20	271273626	1.29	0.9632	2130.3	2130.3	0.0683	0.0683	107	
PCB-145	32:36	304867692	1.28	1.0775	2140.2	2140.2	0.0610	0.0610	107	
PCB-148	34:05	205699091	1.28	0.7376	2109.4	2109.4	0.0892	0.0892	105	
PCB-135	34:46	413427577	1.28	0.7414	4218.1	4218.1	0.0887	0.0887	105	
PCB-151 (C135)	34:46	413427577	1.28	0.7414	4218.1	4218.1	0.0887	0.0887	105	
PCB-154	34:56	230413266	1.28	0.8223	2119.6	2119.6	0.0800	0.0800	106	
PCB-144	35:16	198822846	1.27	0.7371	2040.3	2040.3	0.0892	0.0892	102	
PCB-147	35:38	731603245	1.24	0.8634	4625.5	4625.5	14.3	14.3	116	
PCB-149 (C147)	35:38	731603245	1.24	0.8634	4625.5	4625.5	14.3	14.3	116	
PCB-134	35:57	516584647	1.27	0.6812	4139.4	4139.4	18.2	18.2	103	
PCB-143 (C134)	35:57	516584647	1.27	0.6812	4139.4	4139.4	18.2	18.2	103	
PCB-139	36:13	692558802	1.28	0.8381	4510.5	4510.5	14.8	14.8	113	
PCB-140 (C139)	36:13	692558802	1.28	0.8381	4510.5	4510.5	14.8	14.8	113	
PCB-131	36:27	264153752	1.27	0.6856	2103.2	2103.2	18.1	18.1	105	
PCB-142	36:35	272925453	1.27	0.6760	2203.8	2203.8	18.3	18.3	110	
PCB-132	36:55	270945305	1.27	0.7063	2094.0	2094.0	17.5	17.5	105	
PCB-133	37:24	302792729	1.27	0.7770	2127.2	2127.2	15.9	15.9	106	
PCB-165	37:46	366005635	1.26	0.9584	2084.7	2084.7	12.9	12.9	104	
PCB-146	38:02	365657536	1.26	0.9163	2178.3	2178.3	13.5	13.5	109	
PCB-161	38:09	466344147	1.28	1.1406	2231.9	2231.9	10.9	10.9	112	
PCB-153	38:40	864694754	1.27	1.0468	4509.0	4509.0	11.8	11.8	113	
PCB-168 (C153)	38:40	864694754	1.27	1.0468	4509.0	4509.0	11.8	11.8	113	
PCB-141	38:51	291592583	1.26	0.7580	2099.8	2099.8	16.3	16.3	105	
PCB-130	39:16	234936590	1.26	0.6356	2017.5	2017.5	19.5	19.5	101	
PCB-137	39:29	300898989	1.26	0.7533	2180.3	2180.3	16.4	16.4	109	
PCB-164	39:37	434205620	1.28	1.1173	2121.3	2121.3	11.1	11.1	106	
PCB-129	39:55	1437022508	1.21	0.8826	8887.8	8887.8	14.0	14.0	111	M
PCB-138 (C129)	39:55	1437022508	1.21	0.8826	8887.8	8887.8	14.0	14.0	111	M
PCB-160 (C129)	39:55	1437022508	1.21	0.8826	8887.8	8887.8	14.0	14.0	111	M
PCB-163 (C129)	39:55	1437022508	1.21	0.8826	8887.8	8887.8	14.0	14.0	111	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-158	40:18	436587277	1.27	1.1331	2103.2	2103.2	10.9	10.9	105	
PCB-128	41:09	779360339	1.27	0.9522	4467.8	4467.8	13.0	13.0	112	
PCB-166 (C128)	41:09	779360339	1.27	0.9522	4467.8	4467.8	13.0	13.0	112	
PCB-159	42:09	522857214	1.27	1.3072	2183.4	2183.4	9.468	9.468	109	
PCB-162	42:26	443967325	1.27	1.0935	2216.3	2216.3	11.3	11.3	111	
PCB-167	42:55	436368060	1.28	1.1098	2150.4	2150.4	9.033	9.033	108	
PCB-156	44:05	841095890	1.27	1.0713	4353.0	4353.0	15.2	15.2	109	
PCB-157 (C156)	44:05	841095890	1.27	1.0713	4353.0	4353.0	15.2	15.2	109	
PCB-169	47:20	499313066	1.29	1.2249	2154.5	2154.5	8.118	8.118	108	
S Total Heptachlorobiphenyls					50551	50551	0.0795	0.0795		
D PCB-188L	37:16	14562227	1.05	1.2605	99.7	99.7	0.0286	0.0286	99.67	
* PCB-180L	45:26	11591293	1.07	1.2E+05	100.0	100.0				
D PCB-170L	46:42	9539189	1.07	0.8524	96.5	96.5	0.0423	0.0423	96.55	
D PCB-189L	49:50	22613346	1.07	1.4740	104.6	104.6	0.0935	0.0935	105	
PCB-188	37:16	333235439	1.05	1.0534	2172.3	2172.3	0.0476	0.0476	109	
PCB-179	37:39	356981272	1.06	1.4009	2114.6	2114.6	0.0439	0.0439	106	
PCB-184	38:09	341944185	1.05	1.2996	2183.4	2183.4	0.0473	0.0473	109	
PCB-176	38:31	299918755	1.05	1.1987	2076.3	2076.3	0.0513	0.0513	104	
PCB-186	38:59	378771326	1.05	1.4715	2136.1	2136.1	0.0418	0.0418	107	
PCB-178	40:21	226533850	1.05	0.8813	2132.9	2132.9	0.0698	0.0698	107	
PCB-175	40:59	222346708	1.05	0.9040	2041.0	2041.0	0.0681	0.0681	102	
PCB-187	41:15	291862210	1.05	1.1524	2101.7	2101.7	0.0534	0.0534	105	
PCB-182	41:27	278594536	1.05	1.1052	2091.8	2091.8	0.0557	0.0557	105	
PCB-183	41:52	476536244	1.07	0.9716	4070.2	4070.2	0.0633	0.0633	102	M
PCB-185 (C183)	41:52	476536244	1.07	0.9716	4070.2	4070.2	0.0633	0.0633	102	M
PCB-174	42:08	251893824	1.05	0.9981	2094.3	2094.3	0.0616	0.0616	105	
PCB-177	42:34	241437985	1.05	0.9612	2084.4	2084.4	0.0640	0.0640	104	
PCB-181	42:57	268545561	1.05	1.0577	2107.0	2107.0	0.0582	0.0582	105	
PCB-171	43:11	472205871	1.05	0.8964	4371.2	4371.2	0.0686	0.0686	109	
PCB-173 (C171)	43:11	472205871	1.05	0.8964	4371.2	4371.2	0.0686	0.0686	109	
PCB-172	44:48	227987662	1.05	0.9283	2038.1	2038.1	0.0663	0.0663	102	
PCB-192	45:05	358483200	1.05	1.4131	2105.2	2105.2	0.0435	0.0435	105	
PCB-180	45:25	606718444	1.05	1.1677	4311.7	4311.7	0.0527	0.0527	108	
PCB-193 (C180)	45:25	606718444	1.05	1.1677	4311.7	4311.7	0.0527	0.0527	108	
PCB-191	45:49	318554431	1.06	1.2698	2081.8	2081.8	0.0484	0.0484	104	
PCB-170	46:44	213049584	1.05	1.0923	2044.8	2044.8	0.0727	0.0727	102	
PCB-190	47:15	321319659	1.04	1.3003	2050.5	2050.5	0.0473	0.0473	103	M
PCB-189	49:50	491297883	1.05	1.0146	2141.4	2141.4	0.5446	0.5446	107	
S Total Octachlorobiphenyls					24892	24892	0.1894	0.1894		
D PCB-202L	42:39	11924029	0.90	1.0390	99.0	99.0	0.0304	0.0304	99.01	
* PCB-194L	51:56	14667179	0.92	1.5E+05	100.0	100.0				
D PCB-205L	52:23	17996574	0.91	1.2166	100.9	100.9	0.0352	0.0352	101	
PCB-202	42:39	247793245	0.90	1.0078	2062.1	2062.1	0.0596	0.0596	103	
PCB-201	43:35	229785096	0.89	0.9580	2011.5	2011.5	0.0627	0.0627	101	
PCB-204	44:15	273000517	0.90	1.1119	2059.1	2059.1	0.0540	0.0540	103	
PCB-197	44:29	259979270	0.89	1.0487	2079.1	2079.1	0.0573	0.0573	104	
PCB-200	44:37	239862177	0.89	0.9671	2080.0	2080.0	0.0621	0.0621	104	
PCB-198	47:23	441672977	0.89	0.8830	4194.9	4194.9	0.0680	0.0680	105	
PCB-199 (C198)	47:23	441672977	0.89	0.8830	4194.9	4194.9	0.0680	0.0680	105	
PCB-196	48:04	185051499	0.89	0.7882	1969.0	1969.0	0.0762	0.0762	98.45	
PCB-203	48:16	238901303	0.89	0.9704	2064.7	2064.7	0.0619	0.0619	103	
PCB-195	49:37	316485398	0.89	0.8289	2121.5	2121.5	0.6010	0.6010	106	
PCB-194	51:56	355084178	0.89	0.9255	2131.8	2131.8	0.5383	0.5383	107	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-205	52:25	429552350	0.89	1.1267	2118.5	2118.5	0.4422	0.4422	106	
S Total Nonachlorobiphenyls					6255.4	6255.4	18.3	18.3		
D PCB-208L	49:19	14957181	0.80	1.0234	99.6	99.6	0.1616	0.1616	99.65	
D PCB-206L	54:08	10711070	0.81	0.7298	100.1	100.1	0.2266	0.2266	100	
PCB-208	49:20	324700006	0.77	1.0457	2075.9	2075.9	17.2	17.2	104	
PCB-207	50:17	335241503	0.77	1.2328	2118.8	2118.8	17.2	17.2	106	
PCB-206	54:09	277437568	0.77	1.2570	2060.6	2060.6	20.5	20.5	103	
D PCB-209L	55:43	10897212	0.71	0.7565	98.2	98.2	0.0355	0.0355	98.21	
DCB Decachlorobiphenyl	55:45	227840046	0.70	1.0418	2006.9	2006.9	0.0433	0.0433	100	
S Polychlorinated biphenyls, Total					439542	2006.9	5.380	5.380		RQ

QC Flag Legend

Processing Flags
- R - Failed Signal Ratio Test
- Q - EMPC-Estimated Max. Possible Conc.

Review Flags
- M - Manually Integrated
- U - Marked Undetected

Reagents:

61L51668P_00004 Amount Added: 20.00 Units: uL

Report Date: 08-Oct-2021 19:11:33 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Lims ID: IC L6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 08-Oct-2021 16:58:00 ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-006
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 08-Oct-2021 19:11:33 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1633

First Level Reviewer: nordquistj Date: 08-Oct-2021 18:17:43

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:46	11:48	-3	0.728	20772947	8377814	4374	10935	1915		
202.0766	11:46	11:48	-3	0.728	6449853	2594788	1822	4555	1424	3.22(2.66-3.60)	
PCB-3L											
200.0795	13:56	13:58	-2	0.863	22281005	7658344	4374	10935	1751		
202.0766	13:56	13:58	-2	0.863	6804597	2311641	1822	4555	1269	3.27(2.66-3.60)	
PCB-1											RQU
188.0393	11:49						169108	422770			
190.0363	11:49						56234	140585			
PCB-2											RQU
188.0393	13:48						169108	422770			
190.0363	13:48						56234	140585			
PCB-3											RQU
188.0393	13:58						169108	422770			
190.0363	13:58						56234	140585			
PCB-4L											
234.0406	14:12	14:13	-2	0.879	7597948	2400002	833	2082	2881		
236.0376	14:11	14:13	-3	0.878	4750884	1489836	422	1055	3530	1.60(1.33-1.79)	
PCB-9L											
234.0406	16:09	16:10	-2		12069258	3563014	833	2082	4277		
236.0376	16:09	16:10	-2		7548533	2211418	422	1055	5240	1.60(1.33-1.79)	
PCB-15L											
234.0406	20:05	20:06	-2	1.244	14171647	3673563	833	2082	4410		
236.0376	20:05	20:06	-2	1.244	8726822	2284048	422	1055	5412	1.62(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-4											
222.0003	14:12	14:14	-2	1.001	210684486	72707216	819	2047	88776		
223.9974	14:12	14:14	-2	1.001	128778130	43800256	559	1397	78355	1.64(1.33-1.79)	
PCB-10											
222.0003	14:22	14:24	-3	1.012	259318079	84397261	819	2047	103049		
223.9974	14:22	14:24	-3	1.012	175867814	60494016	559	1397	108218	1.47(1.33-1.79)	
PCB-9											
222.0003	16:09	16:11	-2	1.138	295542826	84364432	819	2047	103009		
223.9974	16:09	16:11	-2	1.138	205549043	65657516	559	1397	117455	1.44(1.33-1.79)	
PCB-7											
222.0003	16:19	16:21	-2	1.149	284539011	84746128	819	2047	103475		
223.9974	16:19	16:21	-2	1.149	187150289	58598572	559	1397	104828	1.52(1.33-1.79)	
PCB-6											
222.0003	16:34	16:36	-3	1.167	313407302	86137232	819	2047	105174		
223.9974	16:34	16:36	-3	1.167	223687250	67639980	559	1397	121002	1.40(1.33-1.79)	
PCB-5											
222.0003	16:53	16:55	-2	1.189	283223705	82097552	819	2047	100241		
223.9974	16:53	16:55	-2	1.189	180826912	54737324	559	1397	97920	1.57(1.33-1.79)	
PCB-8											
222.0003	17:00	17:02	-3	1.198	324000368	85825680	819	2047	104793		
223.9974	17:00	17:02	-3	1.198	234451257	70411948	559	1397	125961	1.38(1.33-1.79)	
PCB-14											
222.0003	18:36	18:39	-2	0.927	298199372	83529758	819	2047	101990		
223.9974	18:36	18:39	-2	0.927	190481520	54333868	559	1397	97198	1.57(1.33-1.79)	
PCB-11											
222.0003	19:28	19:30	-3	0.969	328977316	84798238	819	2047	103539		
223.9974	19:28	19:30	-3	0.969	214278107	58248620	559	1397	104202	1.54(1.33-1.79)	
PCB-12											RQ
222.0003	19:45	19:48	-3	0.984	537839671	85391646	819	2047	104263		
223.9974	19:46	19:48	-2	0.985	414465821	77646508	559	1397	138903	1.30(1.33-1.79)	
	Empc Correction				344769038	54738237	559	1397	97922		
PCB-13 (C12)											RQ
222.0003	19:45	19:48	-3	0.984	537839671	85391646	819	2047	104263		
223.9974	19:46	19:48	-2	0.985	414465821	77646508	559	1397	138903	1.30(1.33-1.79)	
	Empc Correction				344769038	54738237	559	1397	97922		
PCB-15											
222.0003	20:05	20:08	-3	1.001	333772423	84523038	819	2047	103203		
223.9974	20:05	20:08	-3	1.001	219684478	58394796	559	1397	104463	1.52(1.33-1.79)	
PCB-19L											
268.0016	17:18	17:20	-2	0.842	4335733	1215010	1071	2677	1134		
269.9986	17:18	17:20	-2	0.842	4142528	1163126	888	2220	1310	1.05(0.88-1.20)	
PCB-32L											
268.0016	20:32	20:35	-3		7223344	1810514	1071	2677	1690		
269.9986	20:32	20:35	-3		6680618	1678998	888	2220	1891	1.08(0.88-1.20)	
PCB-31L											
268.0016	22:48	22:50	-2		15816003	3907379	1837	4592	2127		
269.9986	22:48	22:50	-2		14952753	3684225	1267	3167	2908	1.06(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-37L											
268.0016	27:08	27:10	-2	1.190	14563413	3240284	1837	4592	1764		
269.9986	27:07	27:10	-2	1.189	13521272	2998518	1267	3167	2367	1.08(0.88-1.20)	
PCB-19											
255.9613	17:19	17:21	-3	1.001	118531785	34230267	172	430	199013		
257.9584	17:19	17:21	-3	1.001	112068974	32450200	157	392	206689	1.06(0.88-1.20)	
PCB-18											M
255.9613	19:06	19:08	-2	1.104	346997406	59171141	172	430	344018		M
257.9584	19:06	19:08	-2	1.104	321161382	55191907	157	392	351541	1.08(0.88-1.20)	M
PCB-30 (C18)											M
255.9613	19:06	19:08	-2	1.104	346997406	59171141	172	430	344018		M
257.9584	19:06	19:08	-2	1.104	321161382	55191907	157	392	351541	1.08(0.88-1.20)	M
PCB-17											
255.9613	19:35	19:37	-3	1.132	111852967	30038071	172	430	174640		
257.9584	19:35	19:37	-3	1.132	105490145	28334827	157	392	180477	1.06(0.88-1.20)	
PCB-27											
255.9613	19:48	19:51	-3	1.145	175537573	47573559	172	430	276591		
257.9584	19:48	19:51	-3	1.145	163937177	44349675	157	392	282482	1.07(0.88-1.20)	
PCB-24											
255.9613	19:55	19:58	-3	1.151	168235344	45572919	172	430	264959		
257.9584	19:55	19:58	-3	1.151	159027539	43230443	157	392	275353	1.06(0.88-1.20)	
PCB-16											
255.9613	20:03	20:06	-3	1.159	111728398	27826743	172	430	161783		
257.9584	20:03	20:06	-3	1.159	105204333	26309355	157	392	167576	1.06(0.88-1.20)	
PCB-32											
255.9613	20:34	20:36	-2	1.189	184810908	48496183	172	430	281955		
257.9584	20:34	20:36	-2	1.189	174376041	45365739	157	392	288954	1.06(0.88-1.20)	
PCB-34											
255.9613	21:48	21:51	-3	1.260	320789895	82457297	157791	394477	523		
257.9584	21:48	21:51	-3	1.260	308644399	80976667	146957	367392	551	1.04(0.88-1.20)	
PCB-23											
255.9613	21:57	21:59	-3	1.269	333065532	83126225	157791	394477	527		
257.9584	21:57	21:59	-3	1.269	322833404	81850139	146957	367392	557	1.03(0.88-1.20)	
PCB-26											
255.9613	22:16	22:18	-2	1.287	476604436	85287633	157791	394477	541		
257.9584	22:16	22:18	-2	1.287	469561369	85268251	146957	367392	580	1.01(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:16	22:18	-2	1.287	476604436	85287633	157791	394477	541		
257.9584	22:16	22:18	-2	1.287	469561369	85268251	146957	367392	580	1.01(0.88-1.20)	
PCB-25											
255.9613	22:31	22:32	-2	0.830	398748839	83854801	157791	394477	531		
257.9584	22:31	22:32	-2	0.830	388481365	83599899	146957	367392	569	1.03(0.88-1.20)	
PCB-31											M
255.9613	22:49	22:51	-2	0.841	368993423	84896209	157791	394477	538		
257.9584	22:49	22:51	-2	0.841	358230001	84353706	146957	367392	574	1.03(0.88-1.20)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-20											M
255.9613	23:07	23:10	-3	0.852	602092387	85139755	157791	394477	540		M
257.9584	23:07	23:10	-3	0.852	587606638	84774723	146957	367392	577	1.02(0.88-1.20)	M
PCB-28 (C20)											M
255.9613	23:07	23:10	-3	0.852	602092387	85139755	157791	394477	540		M
257.9584	23:07	23:10	-3	0.852	587606638	84774723	146957	367392	577	1.02(0.88-1.20)	M
PCB-21											M
255.9613	23:17	23:20	-2	0.858	712854703	84853291	157791	394477	538		M
257.9584	23:17	23:20	-2	0.858	692959890	84402246	146957	367392	574	1.03(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:17	23:20	-2	0.858	712854703	84853291	157791	394477	538		M
257.9584	23:17	23:20	-2	0.858	692959890	84402246	146957	367392	574	1.03(0.88-1.20)	M
PCB-22											
255.9613	23:46	23:48	-2	0.876	371433697	84269521	157791	394477	534		
257.9584	23:46	23:48	-2	0.876	361429432	84028443	146957	367392	572	1.03(0.88-1.20)	
PCB-36											
255.9613	25:18	25:21	-2	0.932	396344300	84524414	157791	394477	536		
257.9584	25:18	25:21	-2	0.932	385520912	84355813	146957	367392	574	1.03(0.88-1.20)	
PCB-39											
255.9613	25:40	25:43	-2	0.946	367572875	83437950	157791	394477	529		
257.9584	25:40	25:43	-2	0.946	356459666	82763749	146957	367392	563	1.03(0.88-1.20)	
PCB-38											
255.9613	26:15	26:17	-2	0.967	378511429	83791542	157791	394477	531		
257.9584	26:15	26:17	-2	0.967	366018471	83258466	146957	367392	567	1.03(0.88-1.20)	
PCB-35											M
255.9613	26:44	26:46	-2	0.985	353697814	82089075	157791	394477	520		M
257.9584	26:44	26:46	-2	0.985	341758730	80819339	146957	367392	550	1.03(0.88-1.20)	
PCB-37											
255.9613	27:09	27:11	-2	1.000	362281452	82722174	157791	394477	524		
257.9584	27:09	27:11	-2	1.000	347953323	80866277	146957	367392	550	1.04(0.88-1.20)	
PCB-54L											
301.9626	20:24	20:25	-2	0.818	4236313	1060054	253	632	4190		
303.9597	20:24	20:25	-2	0.818	5186786	1284852	76	190	16906	0.82(0.65-0.89)	
PCB-52L											
301.9626	24:56	24:58	-2		7006275	1580604	870	2175	1817		
303.9597	24:57	24:58	-2		8725515	1969736	813	2032	2423	0.80(0.65-0.89)	
PCB-81L											
301.9626	33:53	33:55	-2	1.359	9880637	2127869	870	2175	2446		
303.9597	33:53	33:55	-2	1.359	12259699	2614951	813	2032	3216	0.81(0.65-0.89)	
PCB-77L											
301.9626	34:27	34:29	-2	1.382	10237788	2129050	870	2175	2447		
303.9597	34:27	34:29	-2	1.382	12446540	2609837	813	2032	3210	0.82(0.65-0.89)	
PCB-54											
289.9224	20:24	20:27	-3	1.000	104041178	27111349	292	730	92847		
291.9194	20:24	20:27	-3	1.000	136715996	35805961	224	560	159848	0.76(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-50											
289.9224	22:34	22:36	-2	1.106	342656702	83668062	81229	203072	1030		
291.9194	22:34	22:36	-2	1.106	392074693	84683661	91929	229822	921	0.87(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:34	22:36	-2	1.106	342656702	83668062	81229	203072	1030		
291.9194	22:34	22:36	-2	1.106	392074693	84683661	91929	229822	921	0.87(0.65-0.89)	
PCB-45											M
289.9224	23:18	23:20	-2	1.143	305327419	44522746	81229	203072	548		M
291.9194	23:18	23:20	-2	1.143	399351735	58280494	91929	229822	634	0.76(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:18	23:20	-2	1.143	305327419	44522746	81229	203072	548		M
291.9194	23:18	23:20	-2	1.143	399351735	58280494	91929	229822	634	0.76(0.65-0.89)	M
PCB-46											
289.9224	23:34	23:36	-2	1.155	121659614	30371512	81229	203072	374		
291.9194	23:34	23:36	-2	1.155	157604338	39708349	91929	229822	432	0.77(0.65-0.89)	
PCB-52											
289.9224	24:57	25:00	-2	1.224	175766170	42978083	81229	203072	529		
291.9194	24:57	25:00	-2	1.224	229204385	56430350	91929	229822	614	0.77(0.65-0.89)	
PCB-43											M
289.9224	25:06	25:08	-2	1.231	388828135	55425524	81229	203072	682		M
291.9194	25:06	25:08	-2	1.231	502102285	72658093	91929	229822	790	0.77(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:06	25:08	-2	1.231	388828135	55425524	81229	203072	682		M
291.9194	25:06	25:08	-2	1.231	502102285	72658093	91929	229822	790	0.77(0.65-0.89)	M
PCB-49											M
289.9224	25:22	25:24	-2	1.244	395293847	55312628	81229	203072	681		M
291.9194	25:22	25:24	-2	1.244	510417181	71992749	91929	229822	783	0.77(0.65-0.89)	M
PCB-69 (C49)											M
289.9224	25:22	25:24	-2	1.244	395293847	55312628	81229	203072	681		M
291.9194	25:22	25:24	-2	1.244	510417181	71992749	91929	229822	783	0.77(0.65-0.89)	M
PCB-48											
289.9224	25:43	25:45	-2	1.262	157513901	38003399	81229	203072	468		
291.9194	25:43	25:45	-2	1.262	204358460	49556247	91929	229822	539	0.77(0.65-0.89)	
PCB-44											RQ
289.9224	25:57	26:00	-2	1.273	504395547	84046279	81229	203072	1035		
	Empc Correction				424184390	65417048	81229	203072	805		
291.9194	25:56	26:00	-3	1.272	550888835	84957207	91929	229822	924	0.92(0.65-0.89)	
PCB-47 (C44)											RQ
289.9224	25:57	26:00	-2	1.273	504395547	84046279	81229	203072	1035		
	Empc Correction				424184390	65417048	81229	203072	805		
291.9194	25:56	26:00	-3	1.272	550888835	84957207	91929	229822	924	0.92(0.65-0.89)	
PCB-65 (C44)											RQ
289.9224	25:57	26:00	-2	1.273	504395547	84046279	81229	203072	1035		
	Empc Correction				424184390	65417048	81229	203072	805		
291.9194	25:56	26:00	-3	1.272	550888835	84957207	91929	229822	924	0.92(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-59											RQ
289.9224	26:16	26:19	-3	1.288	628516472	82328460	81229	203072	1014		
	Empc Correction				532179043	63760452	81229	203072	785		
291.9194	26:14	26:19	-5	1.287	691141615	82805783	91929	229822	901	0.91(0.65-0.89)	
PCB-62 (C59)											RQ
289.9224	26:16	26:19	-3	1.288	628516472	82328460	81229	203072	1014		
	Empc Correction				532179043	63760452	81229	203072	785		
291.9194	26:14	26:19	-5	1.287	691141615	82805783	91929	229822	901	0.91(0.65-0.89)	
PCB-75 (C59)											RQ
289.9224	26:16	26:19	-3	1.288	628516472	82328460	81229	203072	1014		
	Empc Correction				532179043	63760452	81229	203072	785		
291.9194	26:14	26:19	-5	1.287	691141615	82805783	91929	229822	901	0.91(0.65-0.89)	
PCB-42											
289.9224	26:30	26:31	-2	1.299	141154317	32459660	81229	203072	400		
291.9194	26:30	26:31	-2	1.299	180593635	42110487	91929	229822	458	0.78(0.65-0.89)	
PCB-40											M
289.9224	26:59	27:01	-2	1.324	495365004	83249652	81229	203072	1025		M
291.9194	26:59	27:01	-3	1.323	587899405	84850235	91929	229822	923	0.84(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	26:59	27:01	-2	1.324	495365004	83249652	81229	203072	1025		M
291.9194	26:59	27:01	-3	1.323	587899405	84850235	91929	229822	923	0.84(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	26:59	27:01	-2	1.324	495365004	83249652	81229	203072	1025		M
291.9194	26:59	27:01	-3	1.323	587899405	84850235	91929	229822	923	0.84(0.65-0.89)	M
PCB-64											
289.9224	27:12	27:14	-2	1.334	226607332	53558156	81229	203072	659		
291.9194	27:12	27:14	-2	1.334	293408313	70280215	91929	229822	765	0.77(0.65-0.89)	
PCB-72											
289.9224	28:01	28:03	-2	0.827	255271861	60389742	81229	203072	743		
291.9194	28:01	28:03	-2	0.827	331451527	78073703	91929	229822	849	0.77(0.65-0.89)	
PCB-68											
289.9224	28:18	28:20	-3	0.835	238183541	54547701	81229	203072	672		
291.9194	28:18	28:20	-3	0.835	310114431	71763223	91929	229822	781	0.77(0.65-0.89)	
PCB-57											
289.9224	28:43	28:46	-3	0.848	237610501	55234188	81229	203072	680		
291.9194	28:43	28:46	-3	0.848	309505017	73128183	91929	229822	795	0.77(0.65-0.89)	
PCB-58											
289.9224	28:59	29:00	-2	0.855	281891378	62949575	81229	203072	775		
291.9194	28:59	29:00	-2	0.855	363570188	80415511	91929	229822	875	0.78(0.65-0.89)	
PCB-67											
289.9224	29:08	29:10	-2	0.860	288178143	66075335	81229	203072	813		
291.9194	29:08	29:10	-2	0.860	375326352	82344471	91929	229822	896	0.77(0.65-0.89)	
PCB-63											
289.9224	29:24	29:26	-2	0.868	226274728	50254279	81229	203072	619		
291.9194	29:24	29:26	-2	0.868	295691772	66415383	91929	229822	722	0.77(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-61											M
289.9224	29:44	29:47	-3	0.878	910620837	84707060	81229	203072	1043		M
291.9194	29:44	29:47	-3	0.878	1044514875	84416571	91929	229822	918	0.87(0.65-0.89)	M
PCB-70 (C61)											M
289.9224	29:44	29:47	-3	0.878	910620837	84707060	81229	203072	1043		M
291.9194	29:44	29:47	-3	0.878	1044514875	84416571	91929	229822	918	0.87(0.65-0.89)	M
PCB-74 (C61)											M
289.9224	29:44	29:47	-3	0.878	910620837	84707060	81229	203072	1043		M
291.9194	29:44	29:47	-3	0.878	1044514875	84416571	91929	229822	918	0.87(0.65-0.89)	M
PCB-76 (C61)											M
289.9224	29:44	29:47	-3	0.878	910620837	84707060	81229	203072	1043		M
291.9194	29:44	29:47	-3	0.878	1044514875	84416571	91929	229822	918	0.87(0.65-0.89)	M
PCB-66											M
289.9224	30:04	30:06	-3	0.887	269458002	59427271	81229	203072	732		
291.9194	30:04	30:06	-3	0.887	349264839	77487196	91929	229822	843	0.77(0.65-0.89)	M
PCB-55											
289.9224	30:15	30:16	-2	0.893	268799857	62246087	81229	203072	766		
291.9194	30:15	30:16	-2	0.893	348291028	79939351	91929	229822	870	0.77(0.65-0.89)	
PCB-56											
289.9224	30:45	30:48	-3	0.908	258261379	58559758	81229	203072	721		
291.9194	30:45	30:48	-3	0.908	337514369	77216023	91929	229822	840	0.77(0.65-0.89)	
PCB-60											
289.9224	30:58	31:00	-3	0.914	212610307	48028871	81229	203072	591		
291.9194	30:58	31:00	-3	0.914	278398921	63415831	91929	229822	690	0.76(0.65-0.89)	
PCB-80											
289.9224	31:21	31:22	-2	0.925	269623909	59836268	81229	203072	737		
291.9194	31:21	31:22	-2	0.925	337524021	76715104	91929	229822	835	0.80(0.65-0.89)	
PCB-79											
289.9224	32:54	32:55	-2	0.971	325852541	71097107	81229	203072	875		
291.9194	32:54	32:55	-2	0.971	406405518	83365902	91929	229822	907	0.80(0.65-0.89)	
PCB-78											
289.9224	33:28	33:29	-2	0.988	248288962	53909120	81229	203072	664		
291.9194	33:28	33:29	-2	0.988	324836924	70873802	91929	229822	771	0.76(0.65-0.89)	
PCB-81											
289.9224	33:54	33:56	-2	1.001	206376314	44731052	81229	203072	551		
291.9194	33:54	33:56	-2	1.001	267266096	58414668	91929	229822	635	0.77(0.65-0.89)	
PCB-77											
289.9224	34:29	34:31	-2	1.001	228309900	49799684	81229	203072	613		
291.9194	34:29	34:31	-2	1.001	297681672	65326973	91929	229822	711	0.77(0.65-0.89)	
PCB-104L											
337.9207	25:53	25:54	-2	0.814	8544480	1878681	124	310	15151		
339.9178	25:53	25:54	-2	0.814	5432154	1195550	117	292	10218	1.57(1.32-1.78)	
PCB-101L											
337.9207	31:47	31:49	-2		7606039	1660954	124	310	13395		
339.9178	31:47	31:49	-2		4800504	1043945	117	292	8923	1.58(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-123L											
337.9207	36:26	36:28	-2	1.146	12437656	2556603	5774	14435	443		
339.9178	36:26	36:28	-2	1.146	7859595	1624296	3524	8810	461	1.58(1.32-1.78)	
PCB-118L											
337.9207	36:46	36:47	-2	1.157	12740876	2602204	5774	14435	451		
339.9178	36:46	36:47	-2	1.157	7946578	1640008	3524	8810	465	1.60(1.32-1.78)	
PCB-114L											
337.9207	37:17	37:20	-3	1.173	12669637	2580934	5774	14435	447		
339.9178	37:17	37:20	-3	1.173	8002853	1619444	3524	8810	460	1.58(1.32-1.78)	
PCB-105L											
337.9207	37:57	38:00	-3	1.194	12525663	2527582	5774	14435	438		
339.9178	37:57	38:00	-3	1.194	7914096	1584999	3524	8810	450	1.58(1.32-1.78)	
PCB-127L											
337.9207	39:25	39:27	-2		12874075	2587329	5774	14435	448		
339.9178	39:25	39:27	-2		8142042	1655536	3524	8810	470	1.58(1.32-1.78)	
PCB-126L											
337.9207	41:03	41:06	-3	1.292	12666618	2492102	5774	14435	432		
339.9178	41:03	41:06	-3	1.292	7901112	1572393	3524	8810	446	1.60(1.32-1.78)	
PCB-104											
325.8804	25:54	25:56	-2	1.001	188257807	42621298	251	627	169806		
327.8775	25:54	25:56	-2	1.001	115739502	25829541	243	607	106294	1.63(1.32-1.78)	
PCB-96											
325.8804	26:18	26:20	-2	1.016	229592542	55580123	251	627	221435		
327.8775	26:18	26:20	-2	1.016	139267510	33084837	243	607	136152	1.65(1.32-1.78)	
PCB-103											
325.8804	28:11	28:13	-3	1.089	151003585	33974055	251	627	135355		
327.8775	28:11	28:13	-3	1.089	93301279	20854693	243	607	85822	1.62(1.32-1.78)	
PCB-94											
325.8804	28:26	28:28	-3	1.099	124445235	27670311	251	627	110240		
327.8775	28:26	28:28	-3	1.099	77078641	17077157	243	607	70276	1.61(1.32-1.78)	
PCB-95											
325.8804	28:53	28:55	-2	1.116	141964368	31938087	251	627	127243		
327.8775	28:53	28:55	-2	1.116	87549683	19594405	243	607	80635	1.62(1.32-1.78)	
PCB-93											
325.8804	29:05	29:07	-2	1.124	301446994	52500519	251	627	209165		
327.8775	29:05	29:07	-2	1.124	184136572	31675045	243	607	130350	1.64(1.32-1.78)	
PCB-100 (C93)											
325.8804	29:05	29:07	-2	1.124	301446994	52500519	251	627	209165		
327.8775	29:05	29:07	-2	1.124	184136572	31675045	243	607	130350	1.64(1.32-1.78)	
PCB-98											M
325.8804	29:15	29:16	-2	1.130	344308616	43605198	251	627	173726		M
327.8775	29:15	29:16	-2	1.130	206957965	26289208	243	607	108186	1.66(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:15	29:16	-2	1.130	344308616	43605198	251	627	173726		M
327.8775	29:15	29:16	-2	1.130	206957965	26289208	243	607	108186	1.66(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-88											
325.8804	29:45	29:46	-2	1.150	300936209	36474663	251	627	145317		
327.8775	29:45	29:46	-2	1.150	184838695	22102693	243	607	90958	1.63(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:45	29:46	-2	1.150	300936209	36474663	251	627	145317		
327.8775	29:45	29:46	-2	1.150	184838695	22102693	243	607	90958	1.63(1.32-1.78)	
PCB-84											
325.8804	29:59	30:01	-2	1.159	122590246	26596903	251	627	105964		
327.8775	29:59	30:01	-2	1.159	75774132	16322469	243	607	67171	1.62(1.32-1.78)	
PCB-89											
325.8804	30:27	30:29	-3	1.177	148260065	32649741	251	627	130079		
327.8775	30:27	30:29	-3	1.177	92521081	20177317	243	607	83034	1.60(1.32-1.78)	
PCB-121											
325.8804	30:49	30:51	-2	1.191	244478924	54332455	251	627	216464		
327.8775	30:49	30:51	-2	1.191	148578050	32704933	243	607	134588	1.65(1.32-1.78)	
PCB-92											
325.8804	31:13	31:16	-2	0.857	139075740	30524199	251	627	121610		
327.8775	31:13	31:16	-2	0.857	86432704	18907813	243	607	77810	1.61(1.32-1.78)	
PCB-90											
325.8804	31:47	31:49	-2	1.228	553536250	82361127	251	627	328132		
327.8775	31:47	31:49	-2	1.228	347011580	55310245	243	607	227614	1.60(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:47	31:49	-2	1.228	553536250	82361127	251	627	328132		
327.8775	31:47	31:49	-2	1.228	347011580	55310245	243	607	227614	1.60(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:47	31:49	-2	1.228	553536250	82361127	251	627	328132		
327.8775	31:47	31:49	-2	1.228	347011580	55310245	243	607	227614	1.60(1.32-1.78)	
PCB-83											
325.8804	32:23	32:25	-2	1.251	327762024	45782823	251	627	182402		
327.8775	32:23	32:25	-2	1.251	205766795	27879077	243	607	114729	1.59(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:23	32:25	-2	1.251	327762024	45782823	251	627	182402		
327.8775	32:23	32:25	-2	1.251	205766795	27879077	243	607	114729	1.59(1.32-1.78)	
PCB-112											
325.8804	32:30	32:32	-2	1.256	262012996	56138535	251	627	223660		
327.8775	32:30	32:32	-2	1.256	160172956	33995429	243	607	139899	1.64(1.32-1.78)	
PCB-86											M
325.8804	32:51	32:54	-3	1.269	1089009587	83841232	251	627	334029		M
327.8775	32:52	32:54	-2	1.270	785034060	82050613	243	607	337657	1.39(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:51	32:54	-3	1.269	1089009587	83841232	251	627	334029		M
327.8775	32:52	32:54	-2	1.270	785034060	82050613	243	607	337657	1.39(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:51	32:54	-3	1.269	1089009587	83841232	251	627	334029		M
327.8775	32:52	32:54	-2	1.270	785034060	82050613	243	607	337657	1.39(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-109 (C86)											M
325.8804	32:51	32:54	-3	1.269	1089009587	83841232	251	627	334029		M
327.8775	32:52	32:54	-2	1.270	785034060	82050613	243	607	337657	1.39(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:51	32:54	-3	1.269	1089009587	83841232	251	627	334029		M
327.8775	32:52	32:54	-2	1.270	785034060	82050613	243	607	337657	1.39(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:51	32:54	-3	1.269	1089009587	83841232	251	627	334029		M
327.8775	32:52	32:54	-2	1.270	785034060	82050613	243	607	337657	1.39(1.32-1.78)	M
PCB-85											
325.8804	33:36	33:38	-2	1.299	598063643	70032423	251	627	279014		
327.8775	33:36	33:38	-2	1.299	363508505	42047141	243	607	173034	1.65(1.32-1.78)	
PCB-116 (C85)											
325.8804	33:36	33:38	-2	1.299	598063643	70032423	251	627	279014		
327.8775	33:36	33:38	-2	1.299	363508505	42047141	243	607	173034	1.65(1.32-1.78)	
PCB-117 (C85)											
325.8804	33:36	33:38	-2	1.299	598063643	70032423	251	627	279014		
327.8775	33:36	33:38	-2	1.299	363508505	42047141	243	607	173034	1.65(1.32-1.78)	
PCB-110											
325.8804	33:49	33:52	-3	1.307	524874264	81246759	251	627	323692		
327.8775	33:50	33:52	-2	1.307	321640235	50988453	243	607	209829	1.63(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:49	33:52	-3	1.307	524874264	81246759	251	627	323692		
327.8775	33:50	33:52	-2	1.307	321640235	50988453	243	607	209829	1.63(1.32-1.78)	
PCB-82											
325.8804	34:07	34:10	-3	1.319	152677889	31185191	251	627	124244		
327.8775	34:07	34:10	-3	1.319	94327412	19233445	243	607	79150	1.62(1.32-1.78)	
PCB-111											
325.8804	34:29	34:31	-2	1.333	224743712	49203239	251	627	196029		
327.8775	34:28	34:31	-3	1.332	137214889	29656229	243	607	122042	1.64(1.32-1.78)	
PCB-120											
325.8804	34:56	34:58	-3	1.350	286831498	62465831	251	627	248868		
327.8775	34:56	34:58	-3	1.350	175643499	38190501	243	607	157163	1.63(1.32-1.78)	
PCB-108											RQ
325.8804	36:05	36:08	-3	1.395	514928455	84193956	125704	314260	670		
327.8775	36:06	36:08	-2	1.395	406963090	82642482	81912	204780	1009	1.27(1.32-1.78)	
	Empc Correction				332211912	54318680	81912	204780	663		
PCB-124 (C108)											RQ
325.8804	36:05	36:08	-3	1.395	514928455	84193956	125704	314260	670		
327.8775	36:06	36:08	-2	1.395	406963090	82642482	81912	204780	1009	1.27(1.32-1.78)	
	Empc Correction				332211912	54318680	81912	204780	663		
PCB-107											
325.8804	36:20	36:22	-2	1.404	341413896	70835364	125704	314260	564		
327.8775	36:20	36:22	-2	1.404	215957905	43394866	81912	204780	530	1.58(1.32-1.78)	
PCB-123											
325.8804	36:27	36:29	-2	1.001	278727140	63088804	125704	314260	502		
327.8775	36:27	36:29	-2	1.001	170469171	38286898	81912	204780	467	1.64(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-106											
325.8804	36:35	36:36	-2	1.004	344325114	74732452	125704	314260	595		
327.8775	36:35	36:36	-2	1.004	209971712	45135666	81912	204780	551	1.64(1.32-1.78)	
PCB-118											
325.8804	36:47	36:49	-2	1.001	290332764	62479268	125704	314260	497		
327.8775	36:47	36:49	-2	1.001	178643935	38087986	81912	204780	465	1.63(1.32-1.78)	
PCB-122											
325.8804	37:09	37:11	-3	1.010	250155492	54393508	125704	314260	433		
327.8775	37:09	37:11	-3	1.010	153679778	33264690	81912	204780	406	1.63(1.32-1.78)	
PCB-114											
325.8804	37:19	37:21	-2	1.001	301288177	61640612	125704	314260	490		
327.8775	37:19	37:21	-2	1.001	185614759	37354290	81912	204780	456	1.62(1.32-1.78)	
PCB-105											
325.8804	37:59	38:02	-3	1.001	302902468	62647972	125704	314260	498		
327.8775	37:59	38:02	-3	1.001	187112513	38105650	81912	204780	465	1.62(1.32-1.78)	
PCB-127											
325.8804	39:27	39:28	-2	1.039	335503533	69028516	125704	314260	549		
327.8775	39:26	39:28	-3	1.039	208714186	42009138	81912	204780	513	1.61(1.32-1.78)	
PCB-126											
325.8804	41:05	41:06	-2	1.001	337837931	67035795	125704	314260	533		
327.8775	41:05	41:06	-2	1.001	207380225	40693412	81912	204780	497	1.63(1.32-1.78)	
PCB-155L											
371.8817	31:31	31:32	-2	0.790	7395921	1542185	155	387	9950		
373.8788	31:31	31:32	-2	0.790	5824228	1233018	159	397	7755	1.27(1.05-1.43)	
PCB-138L											
371.8817	39:54	39:55	-2		8167083	1605650	4429	11072	363		
373.8788	39:54	39:55	-2		6388045	1259149	3172	7930	397	1.28(1.05-1.43)	
PCB-167L											
371.8817	42:54	42:55	-2	1.075	10308441	2037339	4429	11072	460		
373.8788	42:54	42:55	-2	1.075	7976333	1585975	3172	7930	500	1.29(1.05-1.43)	
PCB-156L											
371.8817	44:05	44:06	-1	1.105	20279997	2502947	4429	11072	565		
373.8788	44:05	44:06	-1	1.105	15792986	1959688	3172	7930	618	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	44:05	44:06	-1	1.105	20279997	2502947	4429	11072	565		
373.8788	44:05	44:06	-1	1.105	15792986	1959688	3172	7930	618	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:18	47:21	-3	1.186	10571878	2039287	4429	11072	460		
373.8788	47:18	47:21	-3	1.186	8348320	1613412	3172	7930	509	1.27(1.05-1.43)	
PCB-155											
359.8415	31:32	31:34	-2	1.001	142979026	31566305	369	922	85546		
361.8385	31:32	31:34	-2	1.001	111992622	24666829	361	902	68329	1.28(1.05-1.43)	
PCB-152											
359.8415	31:47	31:49	-2	1.009	190833681	41549025	369	922	112599		
361.8385	31:47	31:49	-2	1.009	148323390	32038093	361	902	88748	1.29(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-150											
359.8415	31:56	31:58	-2	1.013	158140300	35001313	369	922	94855		
361.8385	31:56	31:58	-2	1.013	123852616	27188685	361	902	75315	1.28(1.05-1.43)	
PCB-136											
359.8415	32:20	32:22	-2	1.026	152642670	32363489	369	922	87706		
361.8385	32:20	32:22	-2	1.026	118630956	25026765	361	902	69326	1.29(1.05-1.43)	
PCB-145											
359.8415	32:36	32:38	-2	1.035	171212482	37246689	369	922	100940		
361.8385	32:36	32:38	-2	1.035	133655210	28941773	361	902	80171	1.28(1.05-1.43)	
PCB-148											
359.8415	34:05	34:08	-3	1.082	115661407	24687329	369	922	66903		
361.8385	34:05	34:08	-3	1.082	90037684	19282229	361	902	53413	1.28(1.05-1.43)	
PCB-135											
359.8415	34:46	34:48	-2	1.103	231932536	27375585	369	922	74189		
361.8385	34:46	34:48	-2	1.103	181495041	21525813	361	902	59628	1.28(1.05-1.43)	
PCB-151 (C135)											
359.8415	34:46	34:48	-2	1.103	231932536	27375585	369	922	74189		
361.8385	34:46	34:48	-2	1.103	181495041	21525813	361	902	59628	1.28(1.05-1.43)	
PCB-154											
359.8415	34:56	34:58	-3	1.109	129216822	27825121	369	922	75407		
361.8385	34:56	34:58	-3	1.109	101196444	21801525	361	902	60392	1.28(1.05-1.43)	
PCB-144											
359.8415	35:16	35:18	-2	1.119	111419891	23611873	369	922	63989		
361.8385	35:16	35:18	-2	1.119	87402955	18494005	361	902	51230	1.27(1.05-1.43)	
PCB-147											
359.8415	35:38	35:40	-3	1.131	404487129	81880055	92397	230992	886		
361.8385	35:39	35:40	-2	1.131	327116116	69057377	52892	132230	1306	1.24(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:38	35:40	-3	1.131	404487129	81880055	92397	230992	886		
361.8385	35:39	35:40	-2	1.131	327116116	69057377	52892	132230	1306	1.24(1.05-1.43)	
PCB-134											
359.8415	35:57	35:58	-2	1.141	289226221	33300727	92397	230992	360		
361.8385	35:57	35:58	-2	1.141	227358426	26120545	52892	132230	494	1.27(1.05-1.43)	
PCB-143 (C134)											
359.8415	35:57	35:58	-2	1.141	289226221	33300727	92397	230992	360		
361.8385	35:57	35:58	-2	1.141	227358426	26120545	52892	132230	494	1.27(1.05-1.43)	
PCB-139											
359.8415	36:13	36:15	-2	1.149	388683019	73713399	92397	230992	798		
361.8385	36:13	36:15	-2	1.149	303875783	57665377	52892	132230	1090	1.28(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:13	36:15	-2	1.149	388683019	73713399	92397	230992	798		
361.8385	36:13	36:15	-2	1.149	303875783	57665377	52892	132230	1090	1.28(1.05-1.43)	
PCB-131											
359.8415	36:27	36:28	-2	1.157	147841728	31686135	92397	230992	343		
361.8385	36:27	36:28	-2	1.157	116312024	24730209	52892	132230	468	1.27(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-142											
359.8415	36:35	36:37	-2	1.161	152641329	32837045	92397	230992	355		
361.8385	36:35	36:37	-2	1.161	120284124	25682529	52892	132230	486	1.27(1.05-1.43)	
PCB-132											
359.8415	36:55	36:58	-3	1.172	151657370	32501355	92397	230992	352		
361.8385	36:55	36:58	-3	1.172	119287935	25480289	52892	132230	482	1.27(1.05-1.43)	
PCB-133											
359.8415	37:24	37:25	-2	1.187	169426208	35679325	92397	230992	386		
361.8385	37:24	37:25	-2	1.187	133366521	27862554	52892	132230	527	1.27(1.05-1.43)	
PCB-165											
359.8415	37:46	37:49	-3	0.881	204319111	43112039	92397	230992	467		
361.8385	37:46	37:49	-3	0.881	161686524	34108734	52892	132230	645	1.26(1.05-1.43)	
PCB-146											
359.8415	38:02	38:04	-2	0.887	204183212	43482471	92397	230992	471		
361.8385	38:02	38:04	-2	0.887	161474324	34149950	52892	132230	646	1.26(1.05-1.43)	
PCB-161											
359.8415	38:09	38:12	-3	0.890	261964637	55548519	92397	230992	601		
361.8385	38:09	38:12	-3	0.890	204379510	43260478	52892	132230	818	1.28(1.05-1.43)	
PCB-153											
359.8415	38:40	38:42	-2	0.902	483440472	80243438	92397	230992	868		
361.8385	38:40	38:42	-2	0.902	381254282	64664732	52892	132230	1223	1.27(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:40	38:42	-2	0.902	483440472	80243438	92397	230992	868		
361.8385	38:40	38:42	-2	0.902	381254282	64664732	52892	132230	1223	1.27(1.05-1.43)	
PCB-141											
359.8415	38:51	38:54	-3	0.906	162592423	32544236	92397	230992	352		
361.8385	38:51	38:54	-3	0.906	129000160	25690686	52892	132230	486	1.26(1.05-1.43)	
PCB-130											
359.8415	39:16	39:18	-2	0.916	131192187	27923438	92397	230992	302		
361.8385	39:16	39:18	-2	0.916	103744403	21844030	52892	132230	413	1.26(1.05-1.43)	
PCB-137											
359.8415	39:29	39:31	-2	0.921	167915765	35062119	92397	230992	379		
361.8385	39:29	39:31	-2	0.921	132983224	27532094	52892	132230	521	1.26(1.05-1.43)	
PCB-164											
359.8415	39:37	39:39	-2	0.924	243366744	53050983	92397	230992	574		
361.8385	39:37	39:39	-2	0.924	190838876	41592638	52892	132230	786	1.28(1.05-1.43)	
PCB-129											M
359.8415	39:55	39:57	-2	0.931	787393635	83757671	92397	230992	906		
361.8385	39:55	39:57	-2	0.931	649628873	80366088	52892	132230	1519	1.21(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:55	39:57	-2	0.931	787393635	83757671	92397	230992	906		
361.8385	39:55	39:57	-2	0.931	649628873	80366088	52892	132230	1519	1.21(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:55	39:57	-2	0.931	787393635	83757671	92397	230992	906		
361.8385	39:55	39:57	-2	0.931	649628873	80366088	52892	132230	1519	1.21(1.05-1.43)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-163 (C129)											M
359.8415	39:55	39:57	-2	0.931	787393635	83757671	92397	230992	906		
361.8385	39:55	39:57	-2	0.931	649628873	80366088	52892	132230	1519	1.21(1.05-1.43)	M
PCB-158											
359.8415	40:18	40:20	-2	0.940	244194188	48680039	92397	230992	527		
361.8385	40:18	40:20	-2	0.940	192393089	38119486	52892	132230	721	1.27(1.05-1.43)	
PCB-128											
359.8415	41:09	41:10	-2	0.959	436082950	60227431	92397	230992	652		
361.8385	41:09	41:10	-2	0.959	343277389	47056446	52892	132230	890	1.27(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:09	41:10	-2	0.959	436082950	60227431	92397	230992	652		
361.8385	41:09	41:10	-2	0.959	343277389	47056446	52892	132230	890	1.27(1.05-1.43)	
PCB-159											
359.8415	42:09	42:10	-2	0.983	292329121	62639207	92397	230992	678		
361.8385	42:09	42:10	-2	0.983	230528093	49331774	52892	132230	933	1.27(1.05-1.43)	
PCB-162											
359.8415	42:26	42:28	-3	0.989	248138059	48454391	92397	230992	524		
361.8385	42:26	42:28	-3	0.989	195829266	38175073	52892	132230	722	1.27(1.05-1.43)	
PCB-167											
359.8415	42:55	42:57	-2	1.001	244585289	50462725	92397	230992	546		
361.8385	42:55	42:57	-2	1.001	191782771	39428960	52892	132230	745	1.28(1.05-1.43)	
PCB-156											
359.8415	44:05	44:07	-2	1.000	471331617	59203572	92397	230992	641		
361.8385	44:05	44:07	-2	1.000	369764273	46790631	52892	132230	885	1.27(1.05-1.43)	
PCB-157 (C156)											
359.8415	44:05	44:07	-2	1.000	471331617	59203572	92397	230992	641		
361.8385	44:05	44:07	-2	1.000	369764273	46790631	52892	132230	885	1.27(1.05-1.43)	
PCB-169											
359.8415	47:20	47:21	-2	1.001	280942802	54999236	92397	230992	595		
361.8385	47:20	47:21	-2	1.001	218370264	42641673	52892	132230	806	1.29(1.05-1.43)	
PCB-188L											
405.8428	37:16	37:17	-2	0.820	7451530	1478563	203	507	7284		
407.8398	37:16	37:17	-2	0.820	7110697	1410624	128	320	11021	1.05(0.89-1.21)	
PCB-180L											
405.8428	45:26	45:28	-3		6003677	1186451	203	507	5845		
407.8398	45:26	45:28	-3		5587616	1105682	128	320	8638	1.07(0.89-1.21)	
PCB-170L											
405.8428	46:42	46:45	-3	1.028	4926220	941836	203	507	4640		
407.8398	46:42	46:45	-3	1.028	4612969	882965	128	320	6898	1.07(0.89-1.21)	
PCB-189L											
405.8428	49:50	49:51	-2	1.097	11697902	2259937	812	2030	2783		
407.8398	49:50	49:51	-2	1.097	10915444	2083552	729	1822	2858	1.07(0.89-1.21)	
PCB-188											
393.8025	37:16	37:19	-3	1.000	170846868	35460628	312	780	113656		
395.7995	37:16	37:19	-3	1.000	162388571	33917023	268	670	126556	1.05(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-179											
393.8025	37:39	37:41	-3	1.010	183366821	37933710	312	780	121582		
395.7995	37:39	37:41	-3	1.010	173614451	35998303	268	670	134322	1.06(0.89-1.21)	
PCB-184											
393.8025	38:09	38:10	-2	1.024	175439949	36809870	312	780	117980		
395.7995	38:09	38:10	-2	1.024	166504236	34940511	268	670	130375	1.05(0.89-1.21)	
PCB-176											
393.8025	38:31	38:34	-3	1.034	153813571	31852023	312	780	102090		
395.7995	38:31	38:34	-3	1.034	146105184	30273119	268	670	112959	1.05(0.89-1.21)	
PCB-186											
393.8025	38:59	39:01	-2	1.046	194069153	41274766	312	780	132291		
395.7995	38:59	39:01	-2	1.046	184702173	39493983	268	670	147366	1.05(0.89-1.21)	
PCB-178											
393.8025	40:21	40:23	-2	1.083	116110910	24002997	312	780	76933		
395.7995	40:21	40:23	-2	1.083	110422940	22758751	268	670	84921	1.05(0.89-1.21)	
PCB-175											
393.8025	40:59	41:01	-2	1.100	113818766	23206069	312	780	74378		
395.7995	40:59	41:01	-2	1.100	108527942	21993311	268	670	82065	1.05(0.89-1.21)	
PCB-187											
393.8025	41:15	41:17	-3	1.107	149531700	30582453	312	780	98021		
395.7995	41:15	41:17	-3	1.107	142330510	29250143	268	670	109142	1.05(0.89-1.21)	
PCB-182											
393.8025	41:27	41:29	-2	1.113	142782786	29166261	312	780	93482		
395.7995	41:27	41:29	-3	1.112	135811750	27809375	268	670	103766	1.05(0.89-1.21)	
PCB-183											M
393.8025	41:52	41:54	-2	1.124	246198306	26639106	312	780	85382		M
395.7995	41:52	41:54	-2	1.124	230337938	25239756	268	670	94178	1.07(0.89-1.21)	M
PCB-185 (C183)											M
393.8025	41:52	41:54	-2	1.124	246198306	26639106	312	780	85382		M
395.7995	41:52	41:54	-2	1.124	230337938	25239756	268	670	94178	1.07(0.89-1.21)	M
PCB-174											
393.8025	42:08	42:09	-2	1.131	129259078	26445493	312	780	84761		
395.7995	42:08	42:09	-2	1.131	122634746	25332831	268	670	94525	1.05(0.89-1.21)	
PCB-177											
393.8025	42:34	42:36	-2	1.142	123622370	24607157	312	780	78869		
395.7995	42:34	42:36	-2	1.142	117815615	23403871	268	670	87328	1.05(0.89-1.21)	
PCB-181											
393.8025	42:57	42:58	-2	1.153	137627470	28186805	312	780	90342		
395.7995	42:57	42:58	-2	1.153	130918091	26788447	268	670	99957	1.05(0.89-1.21)	
PCB-171											
393.8025	43:11	43:13	-2	1.159	241992074	46149045	312	780	147914		
395.7995	43:11	43:13	-2	1.159	230213797	43766879	268	670	163309	1.05(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:11	43:13	-2	1.159	241992074	46149045	312	780	147914		
395.7995	43:11	43:13	-2	1.159	230213797	43766879	268	670	163309	1.05(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-172											
393.8025	44:48	44:51	-3	0.899	116768193	23660981	312	780	75836		
395.7995	44:48	44:51	-3	0.899	111219469	22473823	268	670	83858	1.05(0.89-1.21)	
PCB-192											
393.8025	45:05	45:06	-2	0.905	183986566	37758901	312	780	121022		
395.7995	45:05	45:06	-2	0.905	174496634	35866207	268	670	133829	1.05(0.89-1.21)	
PCB-180											
393.8025	45:25	45:28	-3	0.911	310924064	42624437	312	780	136617		
395.7995	45:25	45:28	-3	0.911	295794380	40380767	268	670	150675	1.05(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:25	45:28	-3	0.911	310924064	42624437	312	780	136617		
395.7995	45:25	45:28	-3	0.911	295794380	40380767	268	670	150675	1.05(0.89-1.21)	
PCB-191											
393.8025	45:49	45:51	-2	0.919	163966573	32630197	312	780	104584		
395.7995	45:49	45:51	-2	0.919	154587858	30906463	268	670	115323	1.06(0.89-1.21)	
PCB-170											
393.8025	46:44	46:46	-2	0.938	109078914	21710517	312	780	69585		
395.7995	46:44	46:46	-2	0.938	103970670	20613727	268	670	76917	1.05(0.89-1.21)	
PCB-190											M
393.8025	47:15	47:17	-2	0.948	164169203	32301493	312	780	103530		M
395.7995	47:15	47:17	-2	0.948	157150456	31037279	268	670	115811	1.04(0.89-1.21)	M
PCB-189											
393.8025	49:50	49:53	-2	1.000	251277323	50801424	5155	12887	9855		
395.7995	49:50	49:53	-2	1.000	240020560	48773474	4445	11112	10973	1.05(0.89-1.21)	
PCB-202L											
439.8038	42:39	42:40	-2	0.821	5656267	1105301	171	427	6464		
441.8008	42:39	42:40	-2	0.821	6267762	1221523	119	297	10265	0.90(0.76-1.02)	
PCB-194L											
439.8038	51:56	51:57	-2		7013678	1336977	291	727	4594		
441.8008	51:56	51:57	-2		7653501	1459228	188	470	7762	0.92(0.76-1.02)	
PCB-205L											
439.8038	52:23	52:25	-2	1.009	8550101	1637804	291	727	5628		
441.8008	52:23	52:25	-2	1.009	9446473	1810513	188	470	9630	0.91(0.76-1.02)	
PCB-202											
427.7635	42:39	42:42	-3	1.000	117115167	23715817	235	587	100918		
429.7606	42:39	42:42	-3	1.000	130678078	26621401	324	810	82165	0.90(0.76-1.02)	
PCB-201											
427.7635	43:35	43:37	-3	1.022	108208629	21970925	235	587	93493		
429.7606	43:35	43:37	-3	1.022	121576467	24848037	324	810	76691	0.89(0.76-1.02)	
PCB-204											
427.7635	44:15	44:17	-2	1.038	128966078	26584557	235	587	113126		
429.7606	44:15	44:17	-2	1.038	144034439	29612505	324	810	91397	0.90(0.76-1.02)	
PCB-197											
427.7635	44:29	44:31	-2	1.043	122315725	24241133	235	587	103154		
429.7606	44:29	44:31	-2	1.043	137663545	27307993	324	810	84284	0.89(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-200											
427.7635	44:37	44:39	-2	1.046	112929516	22753517	235	587	96823		
429.7606	44:37	44:39	-2	1.046	126932661	25835225	324	810	79738	0.89(0.76-1.02)	
PCB-198											
427.7635	47:23	47:25	-3	1.111	208093230	26636525	235	587	113347		
429.7606	47:23	47:25	-3	1.111	233579747	29957317	324	810	92461	0.89(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:23	47:25	-3	1.111	208093230	26636525	235	587	113347		
429.7606	47:23	47:25	-3	1.111	233579747	29957317	324	810	92461	0.89(0.76-1.02)	
PCB-196											
427.7635	48:04	48:06	-2	0.917	87343295	17260013	235	587	73447		
429.7606	48:04	48:06	-2	0.917	97708204	19440581	324	810	60002	0.89(0.76-1.02)	
PCB-203											
427.7635	48:16	48:17	-2	0.921	112592205	22335725	235	587	95046		
429.7606	48:16	48:17	-2	0.921	126309098	25136581	324	810	77582	0.89(0.76-1.02)	
PCB-195											
427.7635	49:37	49:38	-2	0.947	148645196	29821193	3692	9230	8077		
429.7606	49:37	49:38	-2	0.947	167840202	33974208	3180	7950	10684	0.89(0.76-1.02)	
PCB-194											
427.7635	51:56	51:59	-2	0.991	166938449	32644993	3692	9230	8842		
429.7606	51:56	51:59	-2	0.991	188145729	36970298	3180	7950	11626	0.89(0.76-1.02)	
PCB-205											
427.7635	52:25	52:27	-2	1.000	202043527	40096092	3692	9230	10860		
429.7606	52:25	52:27	-2	1.000	227508823	45437880	3180	7950	14289	0.89(0.76-1.02)	
PCB-208L											
473.7648	49:19	49:21	-2	0.950	6655268	1283594	928	2320	1383		
475.7619	49:19	49:21	-2	0.950	8301913	1589484	922	2305	1724	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:08	54:10	-2	1.042	4791962	902979	928	2320	973		
475.7619	54:08	54:10	-2	1.042	5919108	1108494	922	2305	1202	0.81(0.65-0.89)	
PCB-208											
461.7246	49:20	49:22	-2	1.001	141606993	28553274	90120	225300	317		
463.7216	49:20	49:22	-2	1.001	183093013	37305115	117125	292812	319	0.77(0.65-0.89)	
PCB-207											
461.7246	50:17	50:18	-2	1.019	146084988	29187701	90120	225300	324		
463.7216	50:17	50:18	-2	1.019	189156515	37892701	117125	292812	324	0.77(0.65-0.89)	
PCB-206											
461.7246	54:09	54:11	-2	1.000	120936788	23551624	90120	225300	261		
463.7216	54:09	54:11	-2	1.000	156500780	30694736	117125	292812	262	0.77(0.65-0.89)	
PCB-209L											
507.7258	55:43	55:46	-3	1.073	4528158	801553	176	440	4554		
509.7229	55:44	55:46	-2	1.073	6369054	1126353	125	312	9011	0.71(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:45	55:47	-3	1.000	93682652	17168843	234	585	73371		
497.6826	55:45	55:47	-3	1.000	134157394	24925655	114	285	218646	0.70(0.59-0.79)	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

61L51668P_00004 Amount Added: 20.00 Units: uL

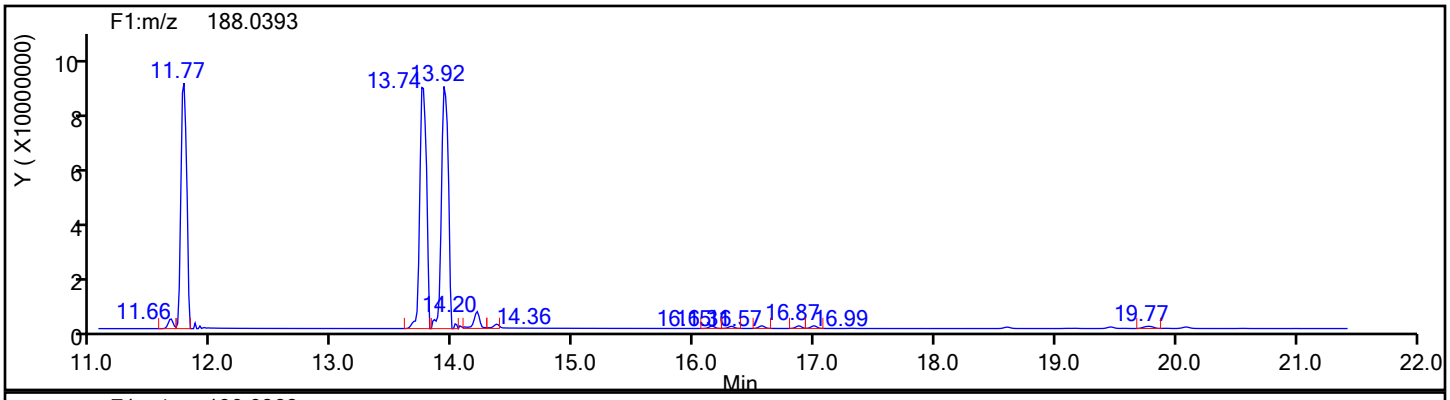
Report Date: 08-Oct-2021 19:11:33 Chrom Revision: 2.3 22-Sep-2021 15:38:46

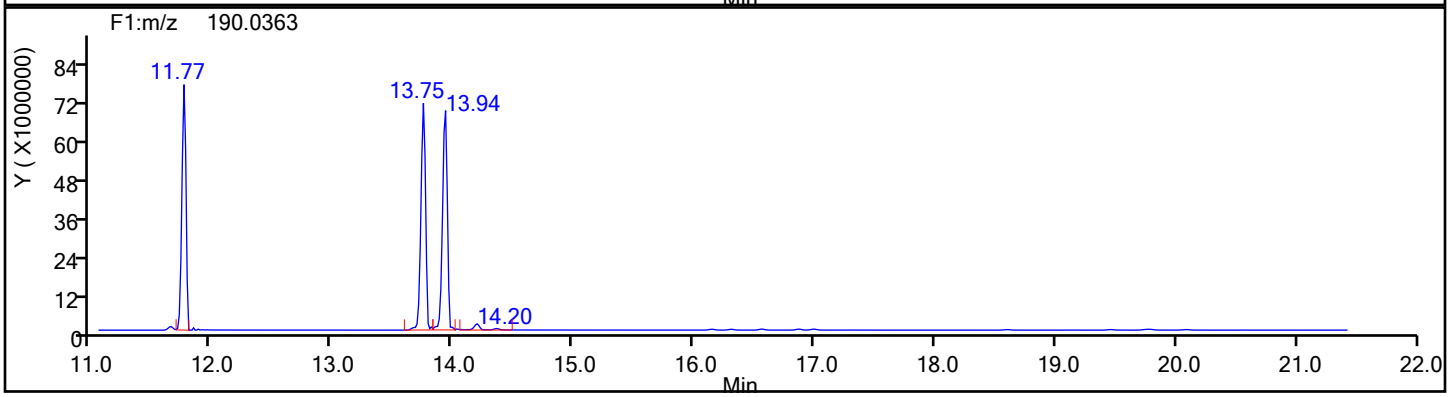
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

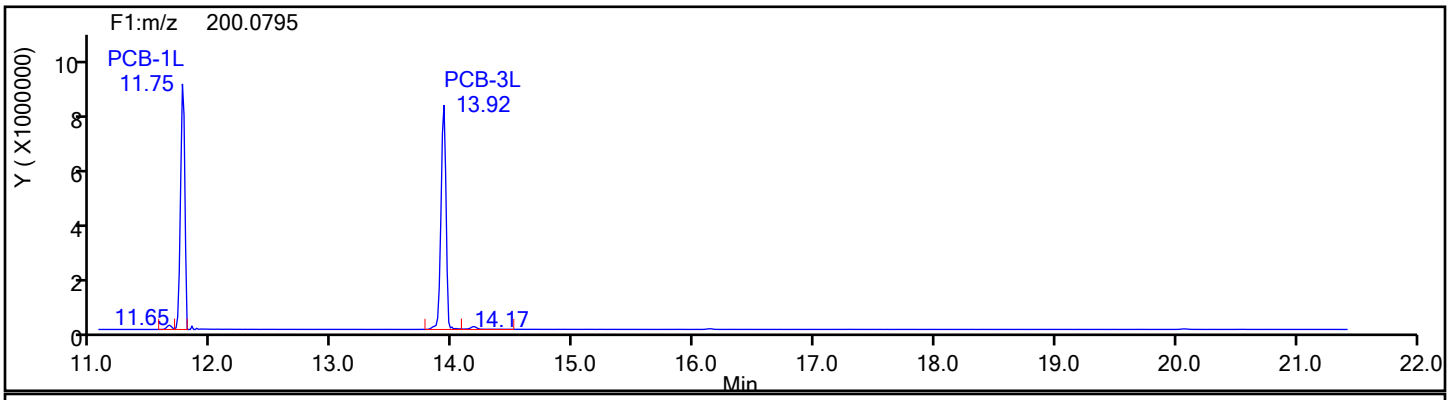
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

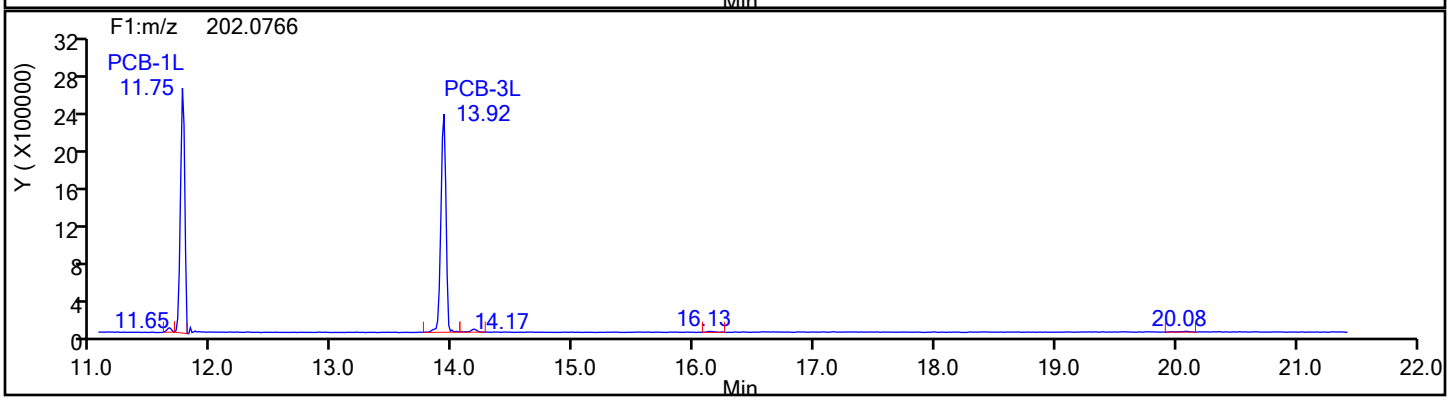
MoPCB F1





MoPCB F1 Standards



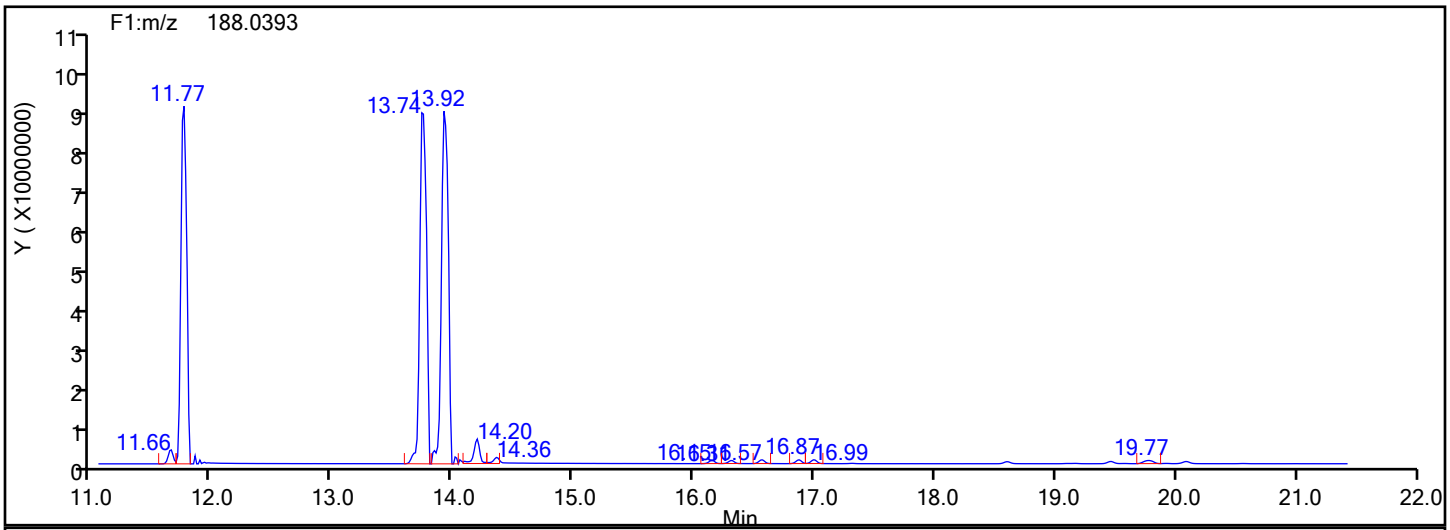


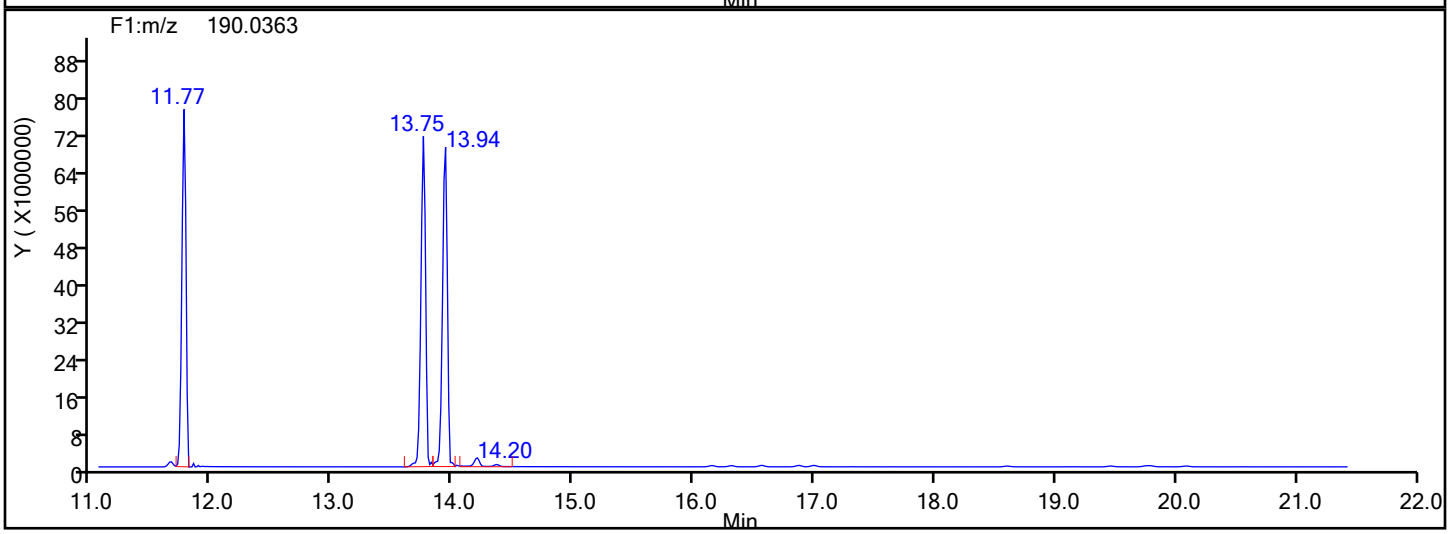
Report Date: 08-Oct-2021 19:11:33 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

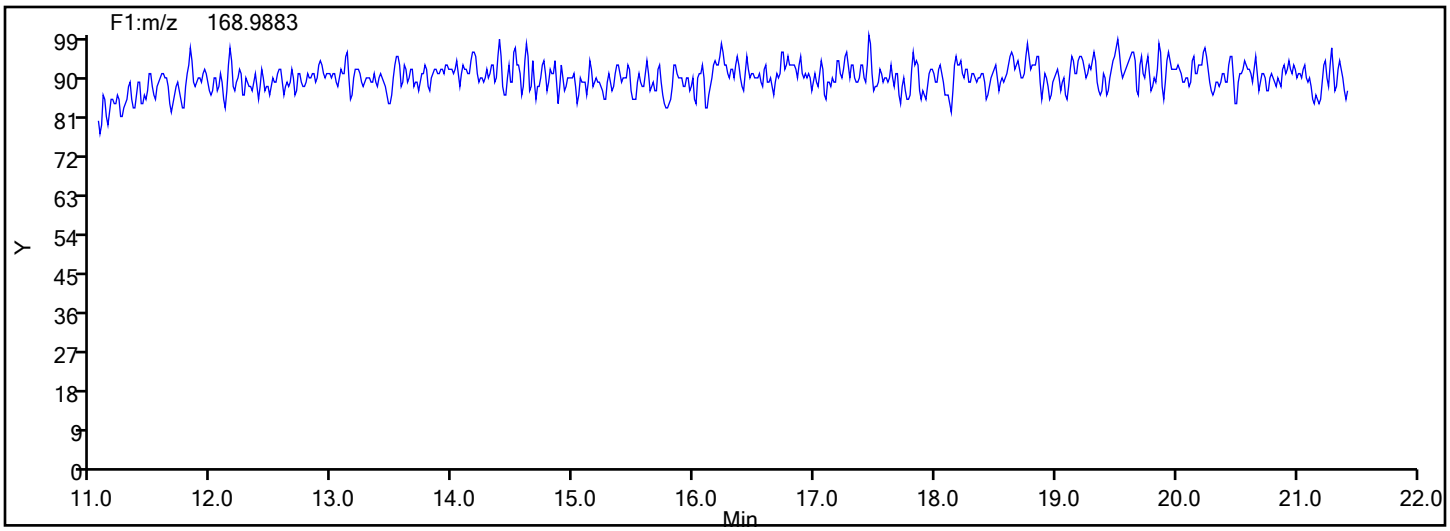
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Report Date: 08-Oct-2021 19:11:33 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Injection Date: 08-Oct-2021 16:58:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

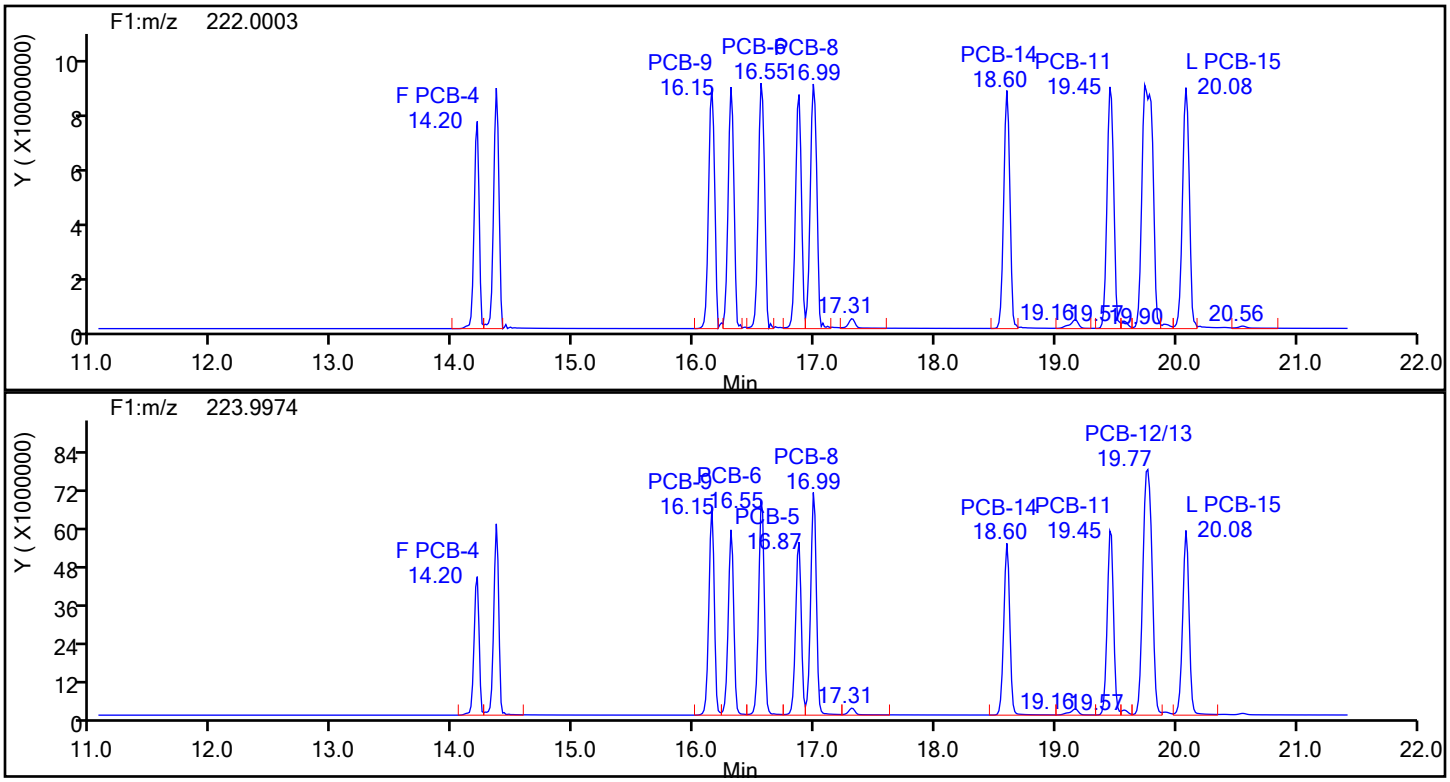
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

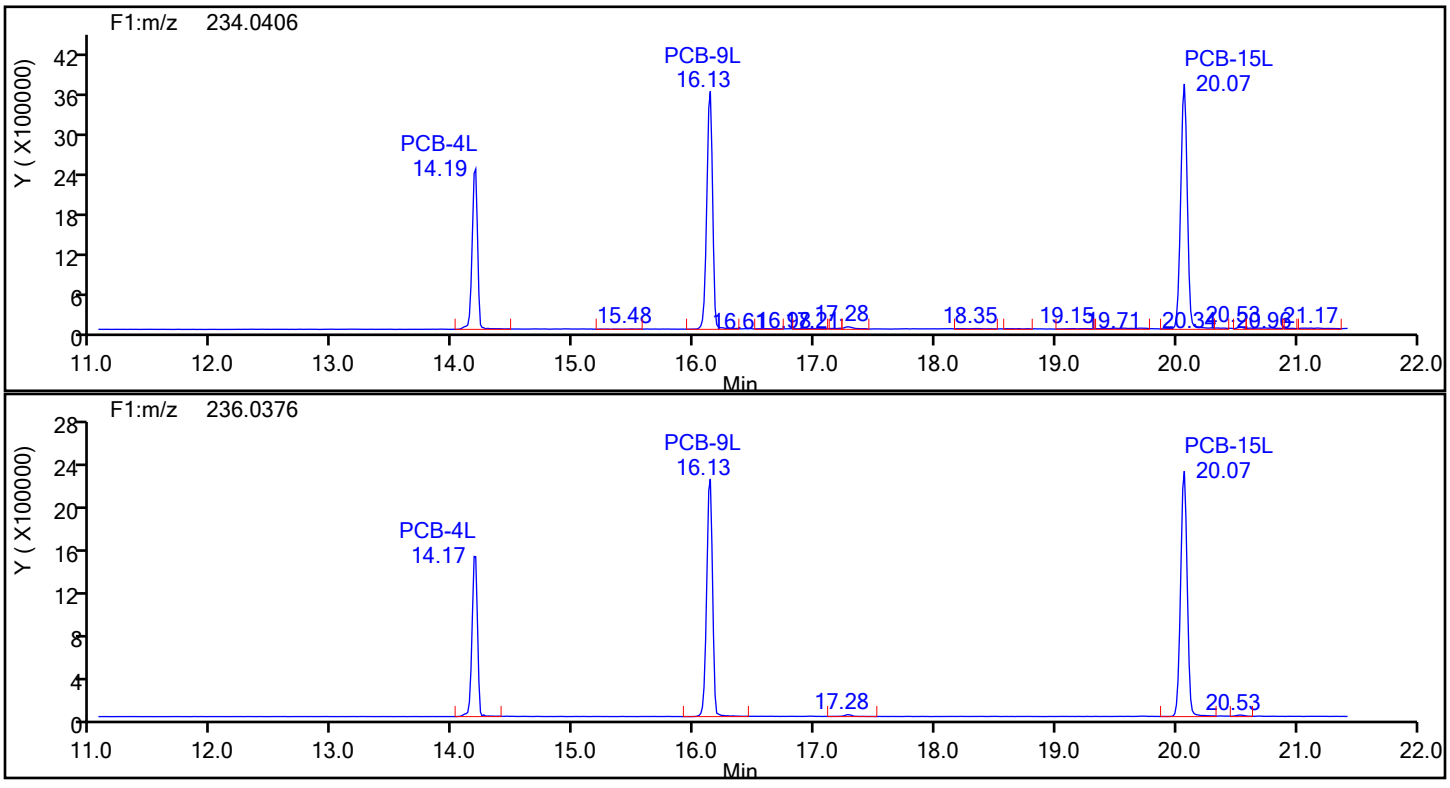
Worklist#: 54640 Sample Line#: 6

Column Type: Column Dia:

DiPCB F1



DiPCB F1 Standards



Report Date: 08-Oct-2021 19:11:33 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
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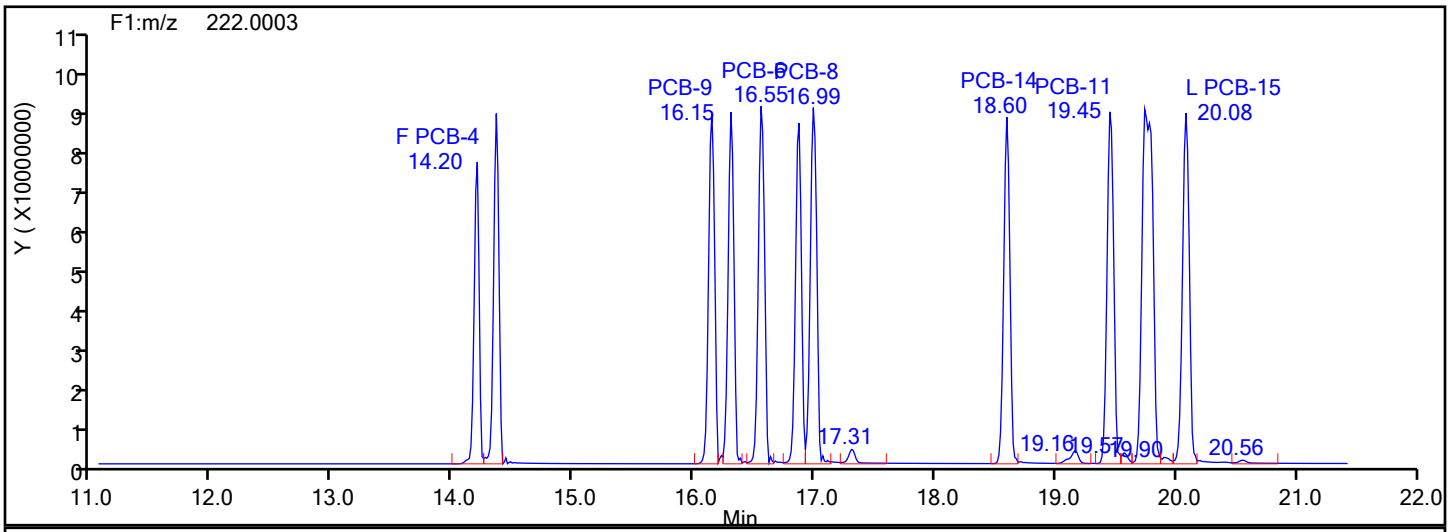
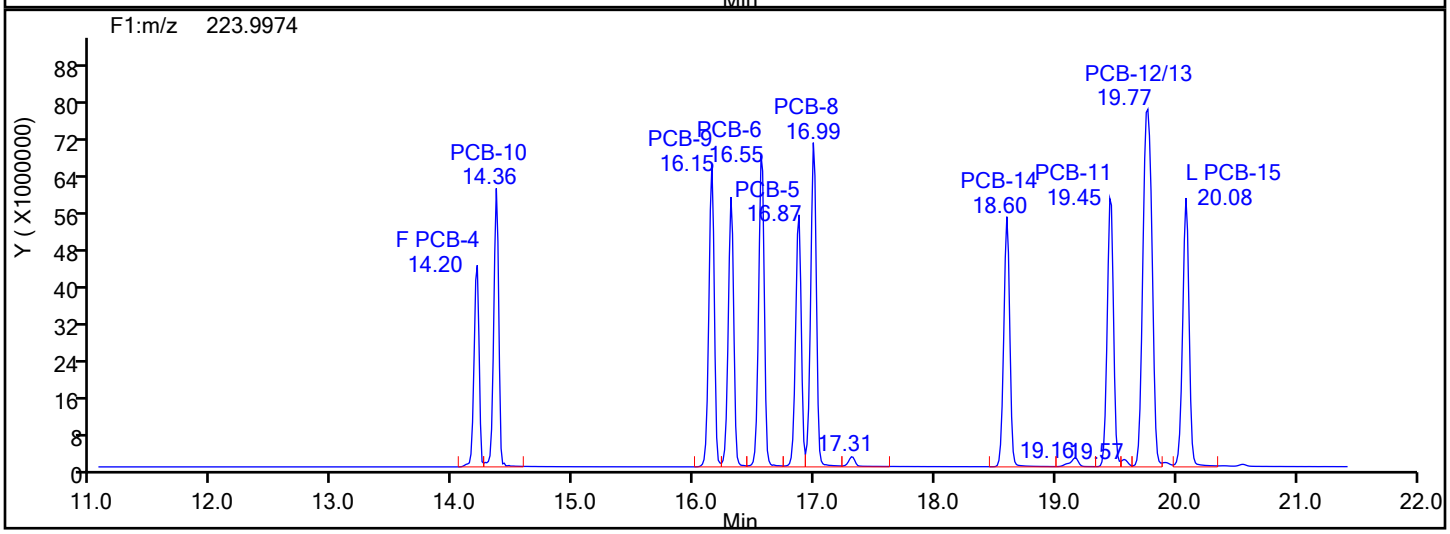
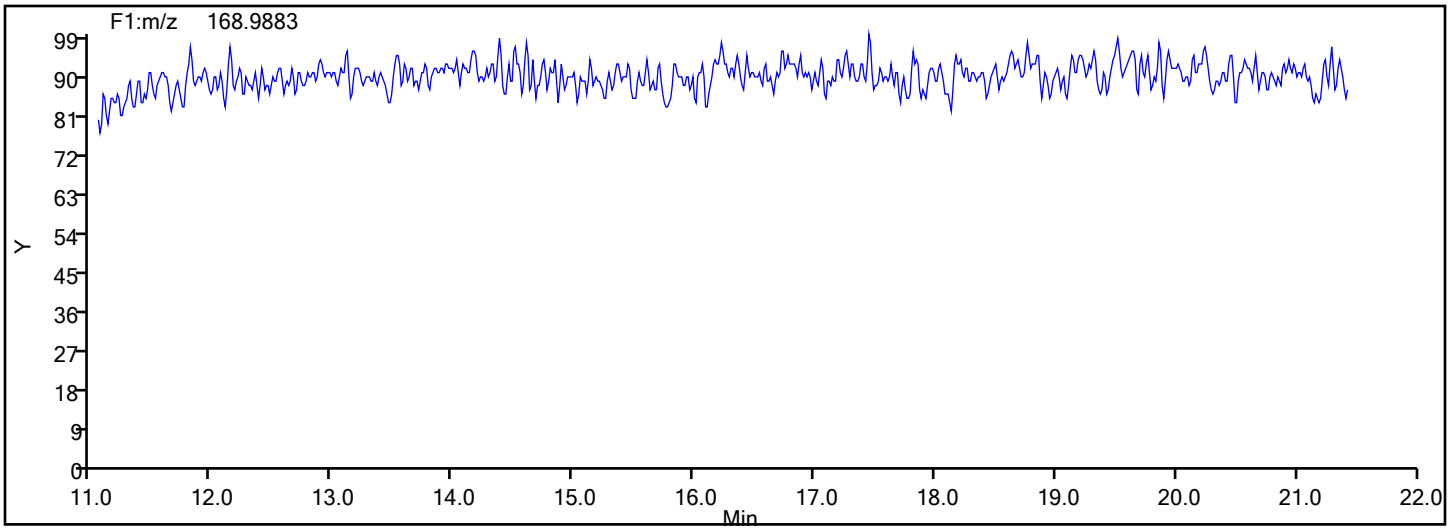
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



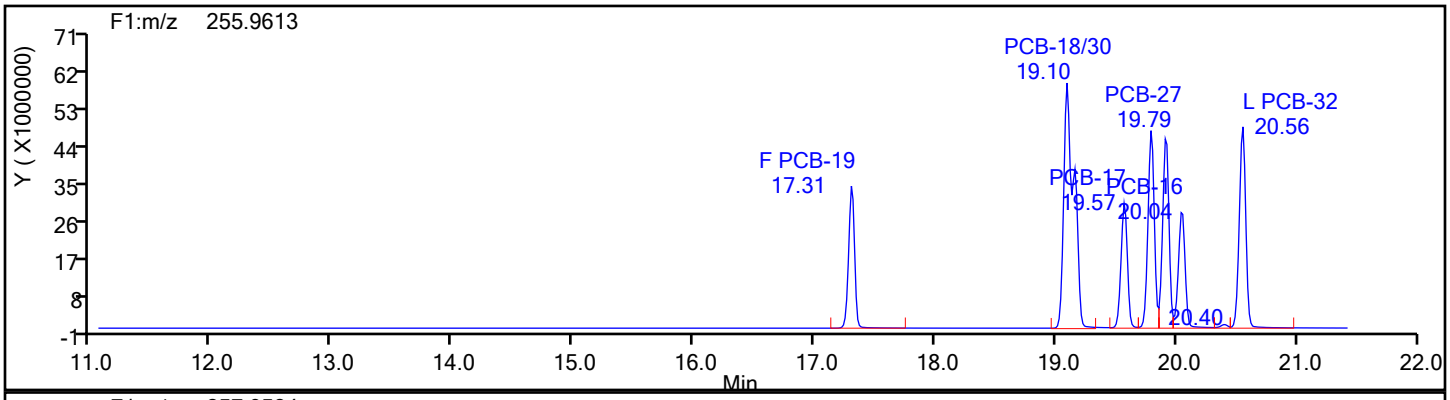
Report Date: 08-Oct-2021 19:11:33 Chrom Revision: 2.3 22-Sep-2021 15:38:46

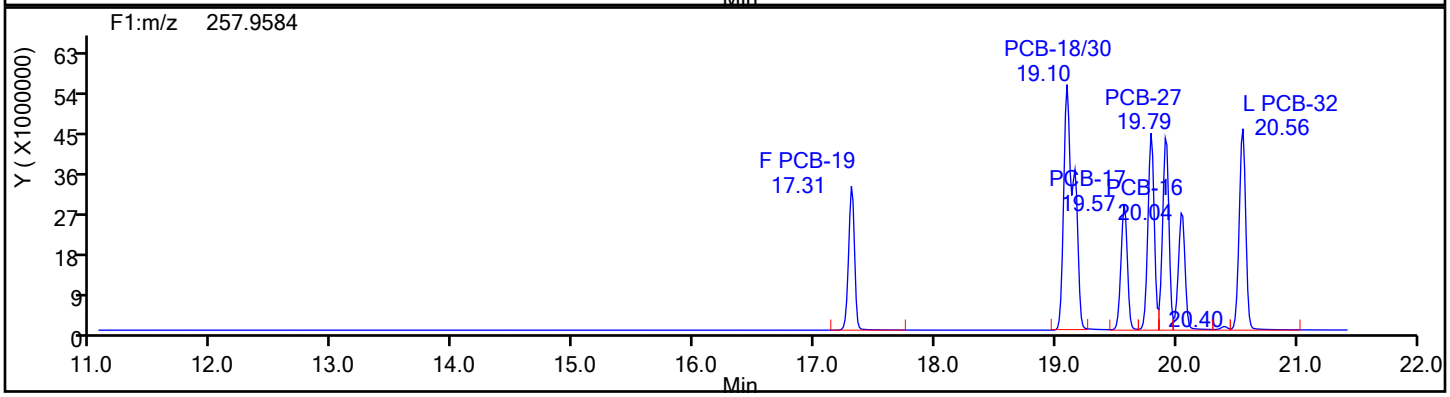
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

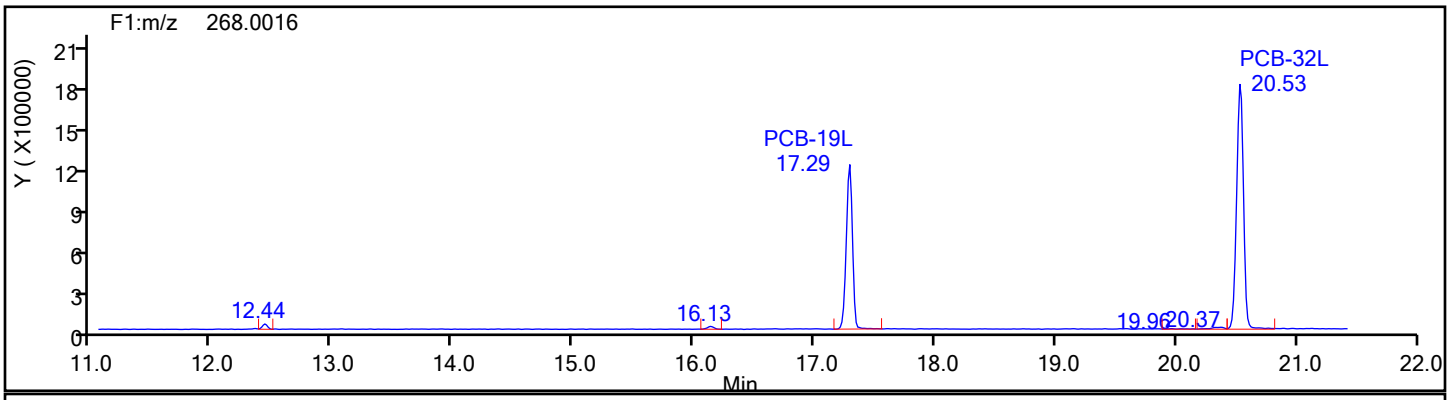
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

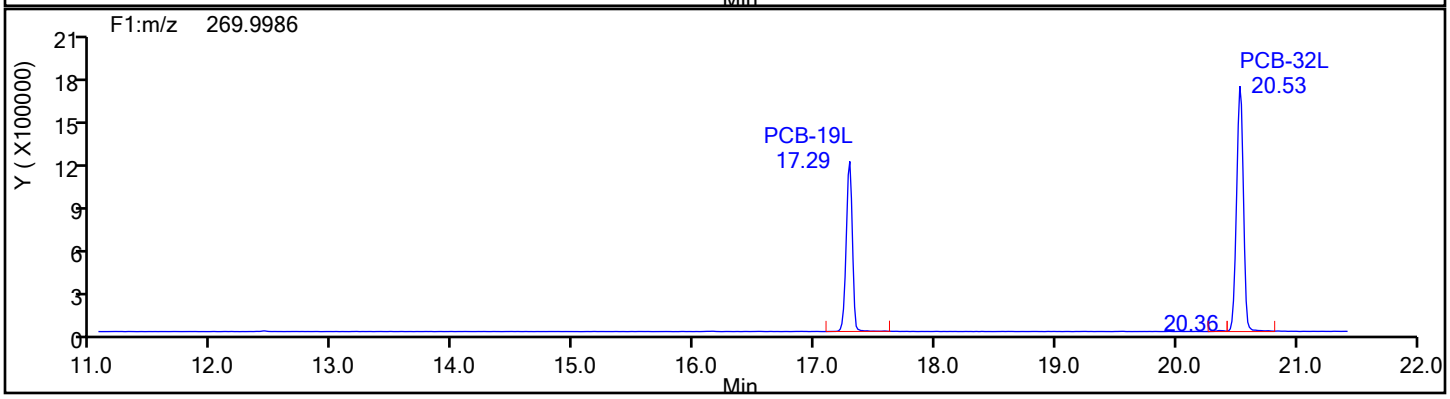
TriPCB F1





TriPCB F1 Standards



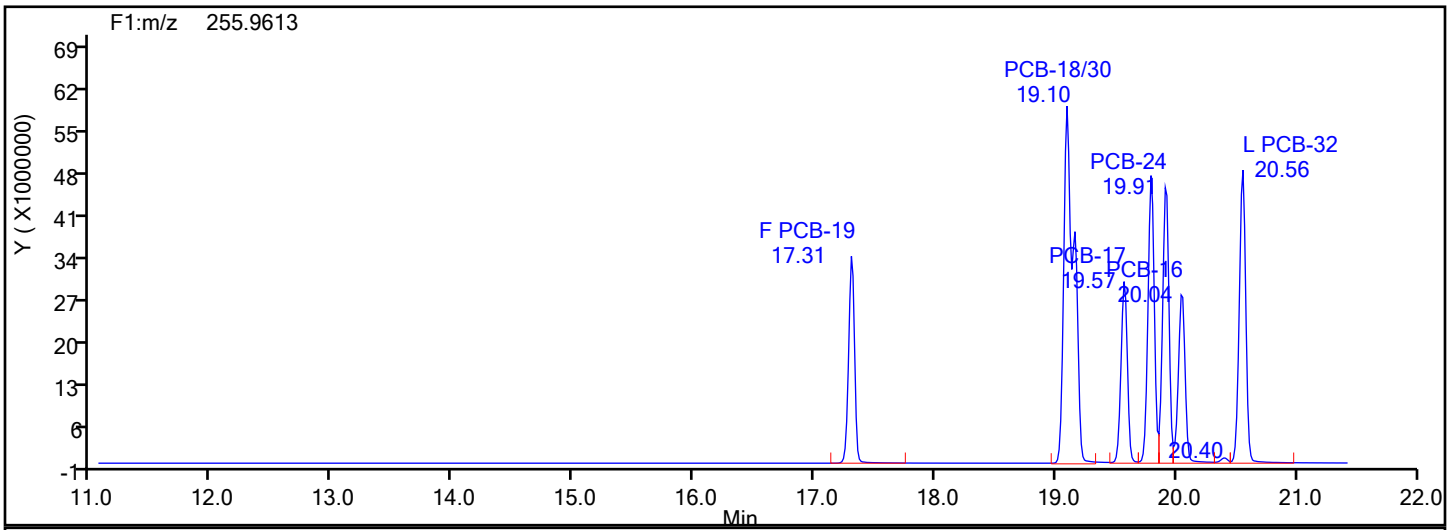


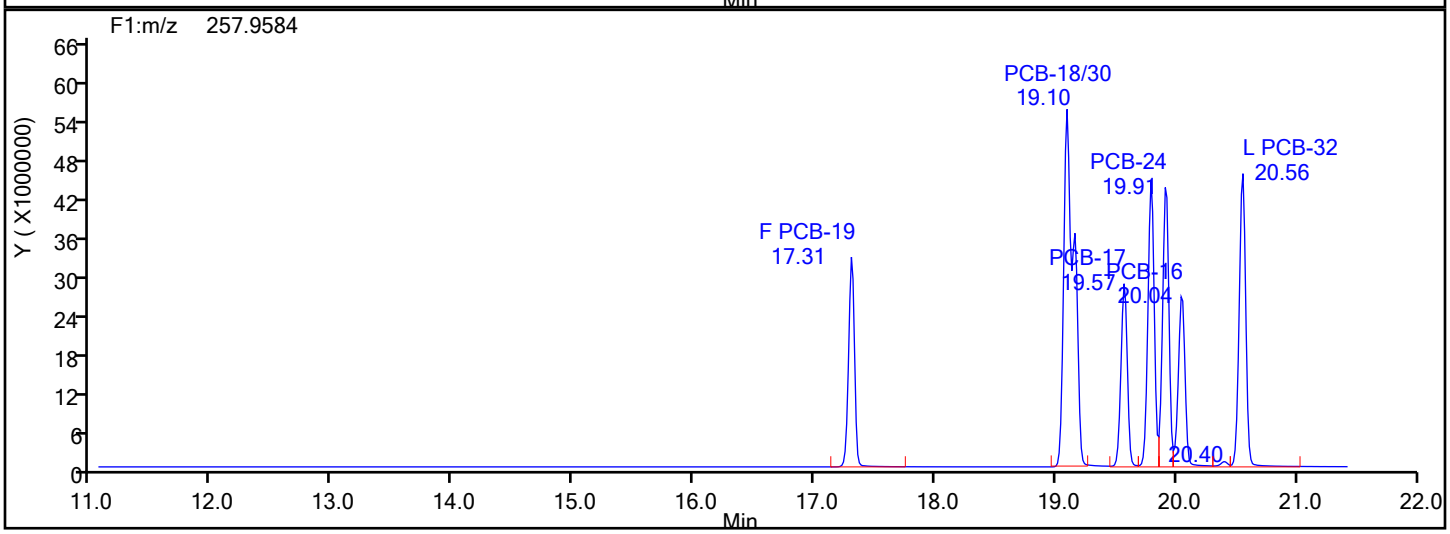
Report Date: 08-Oct-2021 19:11:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

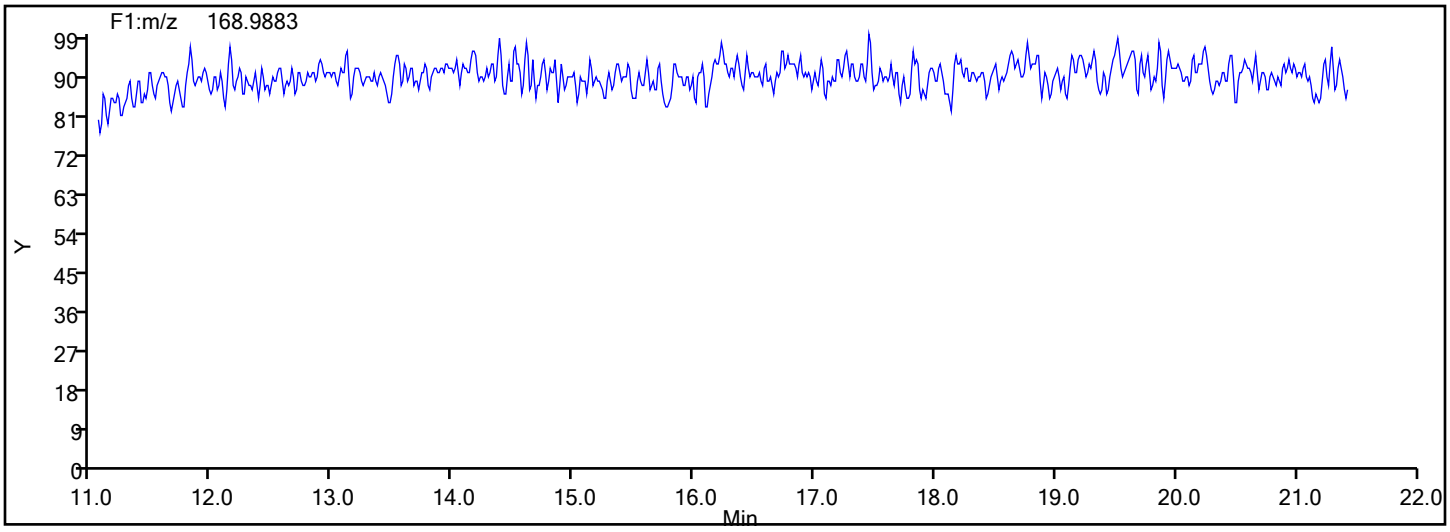
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

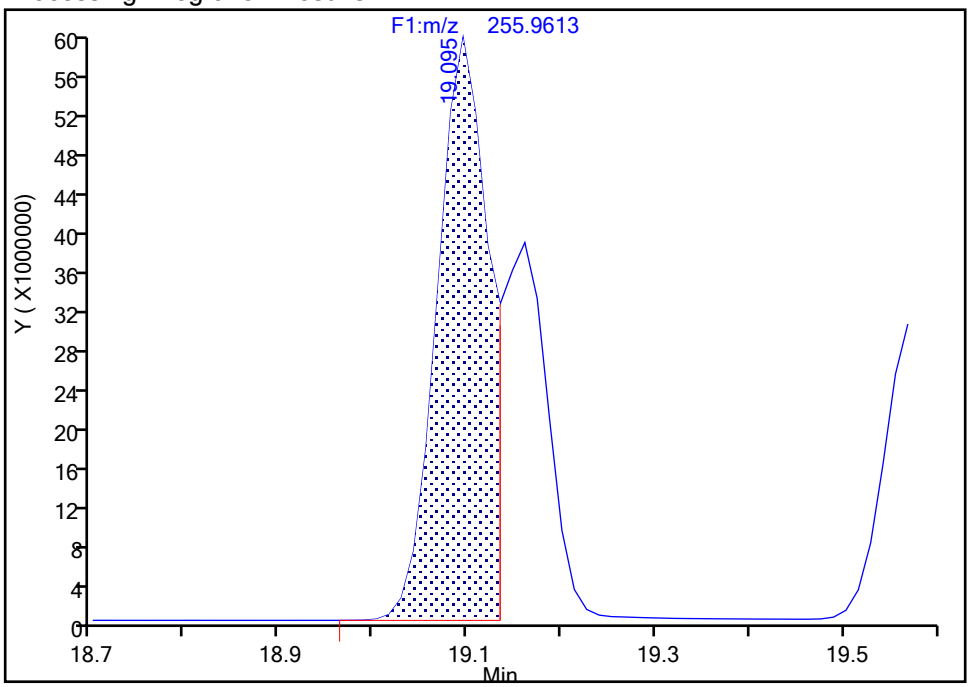
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-18/30, CAS: STL01798

Signal: 1

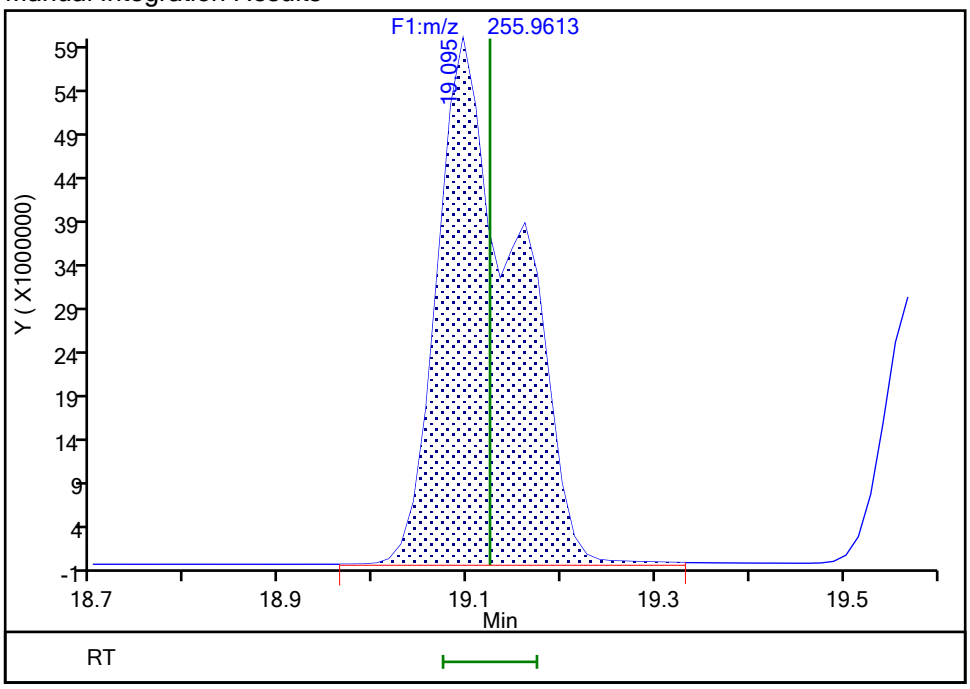
RT: 19.10
Area: 219380229
Amount: 2976.4913
Amount Units: pg/ul

Processing Integration Results



RT: 19.10
Area: 346997406
Amount: 4359.8073
Amount Units: pg/ul

Manual Integration Results



Reviewer: nordquistj, 08-Oct-2021 18:08:32
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

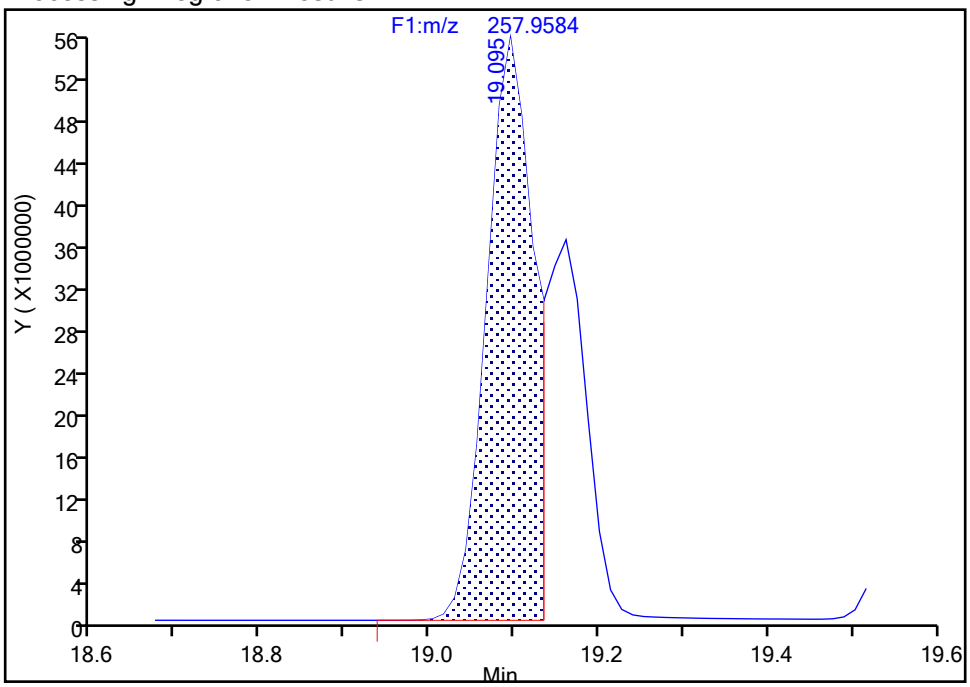
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-18/30, CAS: STL01798

Signal: 2

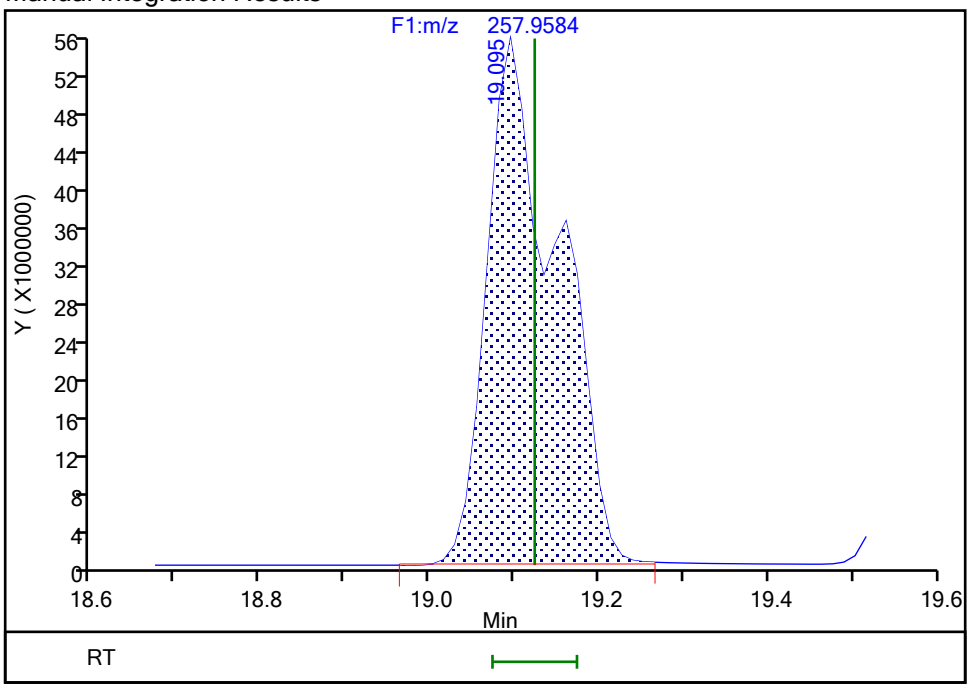
Processing Integration Results

RT: 19.10
Area: 206764919
Amount: 2976.4913
Amount Units: pg/ul



Manual Integration Results

RT: 19.10
Area: 321161382
Amount: 4359.8073
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:08:37
Audit Action: Manually Integrated Audit Reason: Split Peak

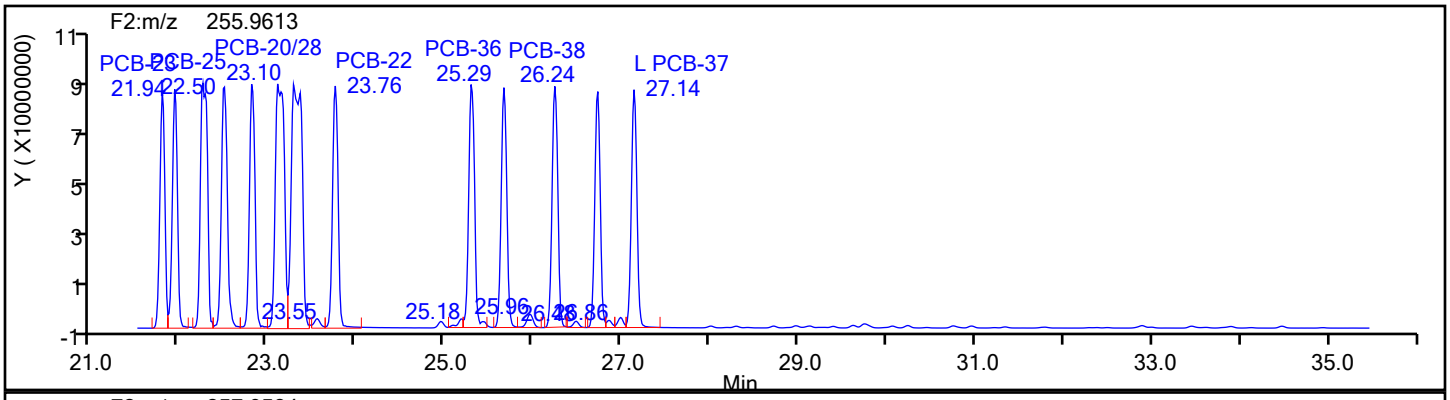
Report Date: 08-Oct-2021 19:11:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

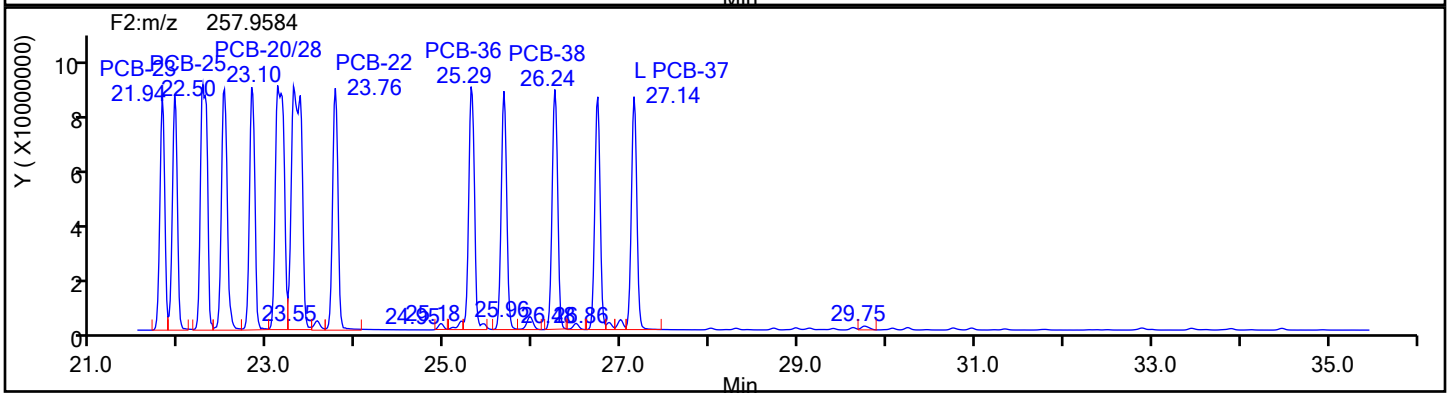
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

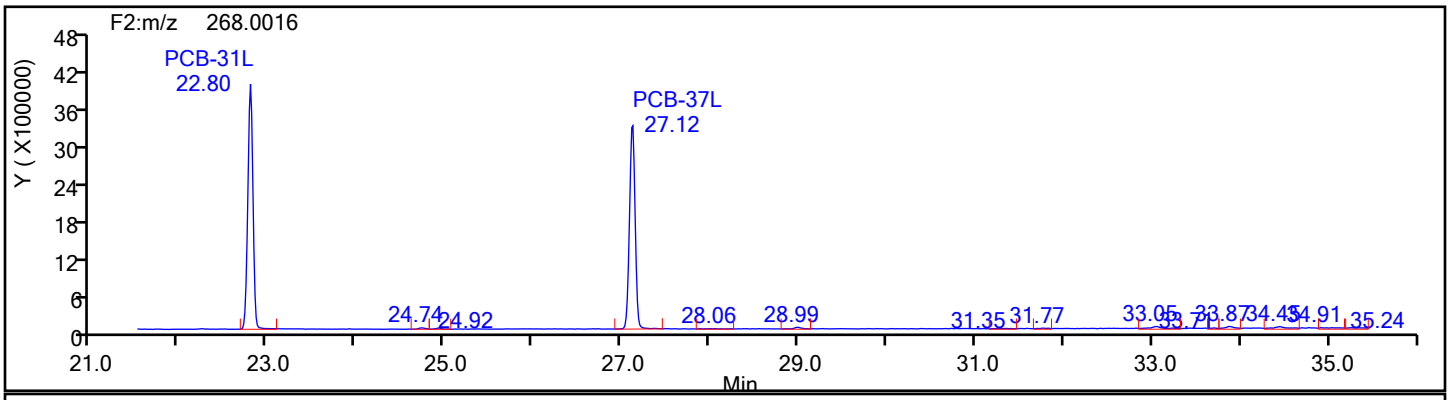
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

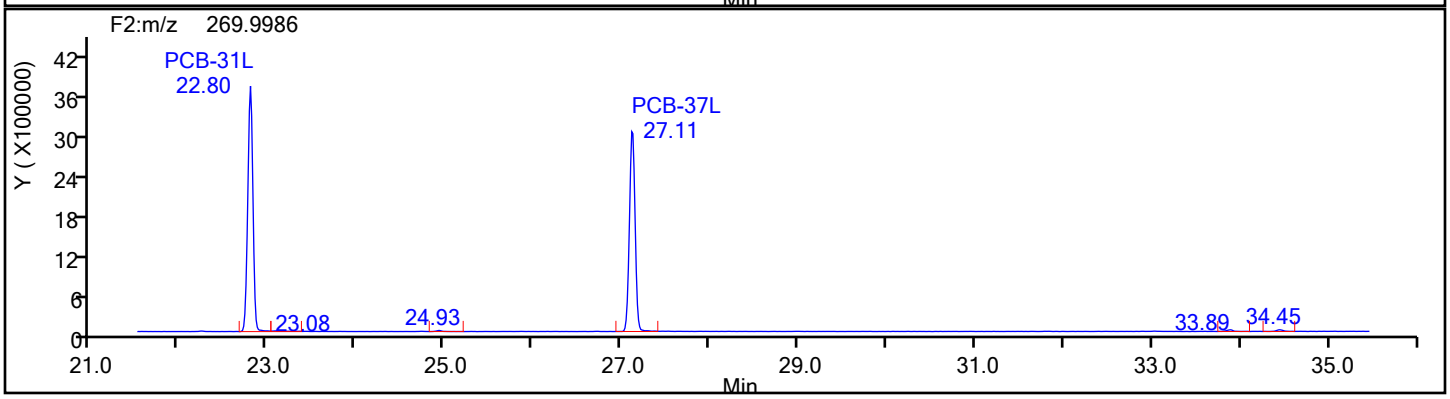
TriPCB F2





TriPCB F2 Standards



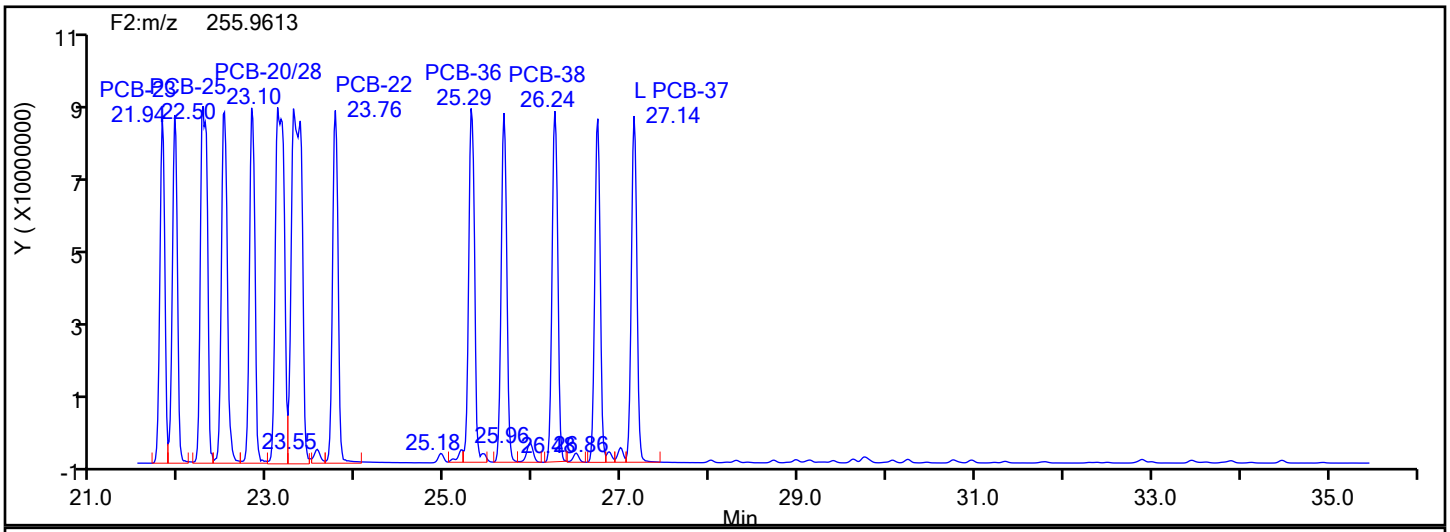


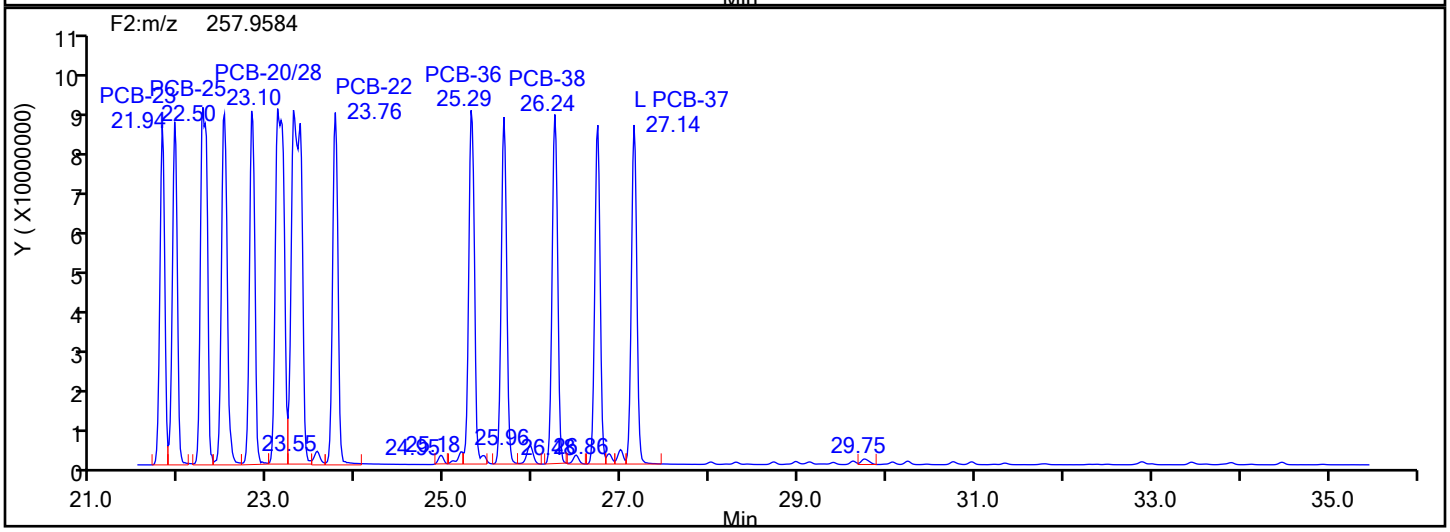
Report Date: 08-Oct-2021 19:11:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

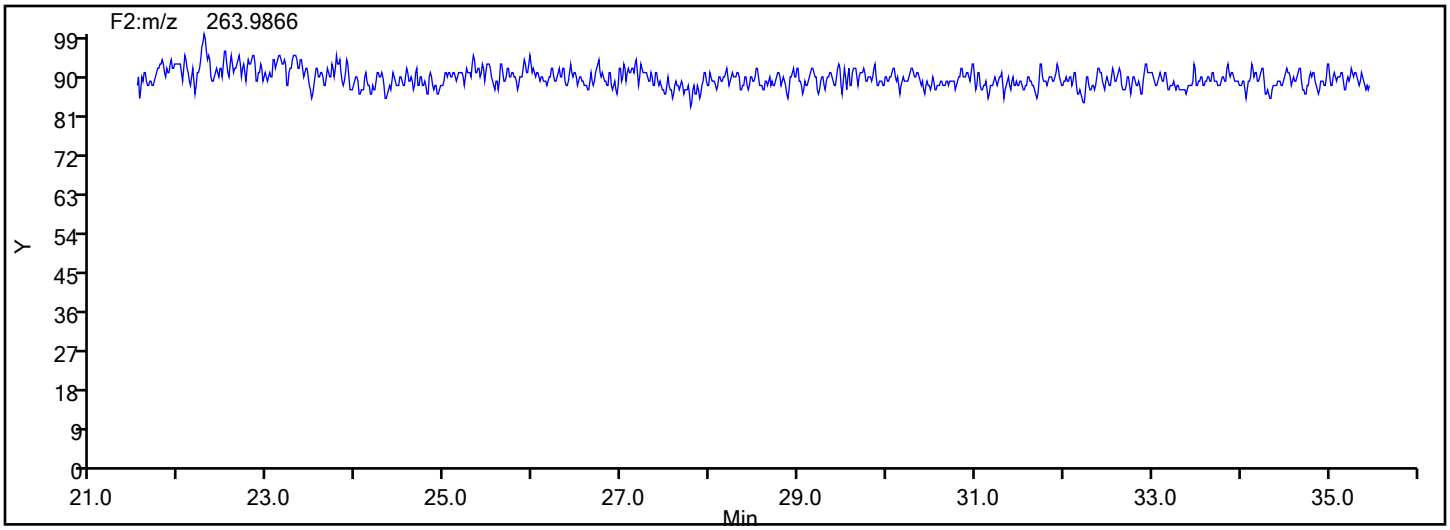
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

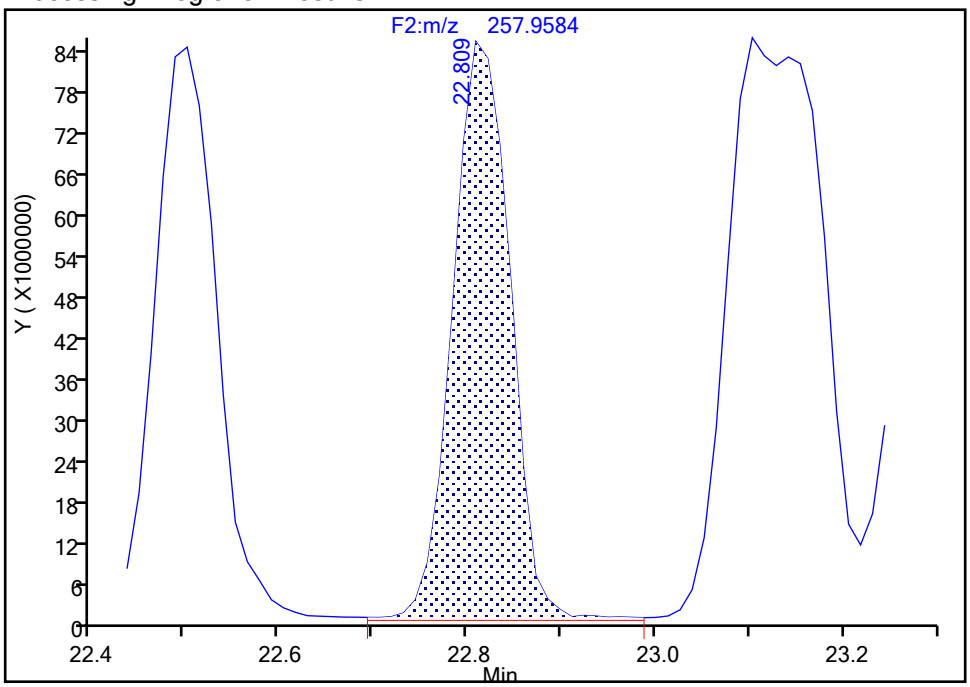
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-31, CAS: 16606-02-3

Signal: 2

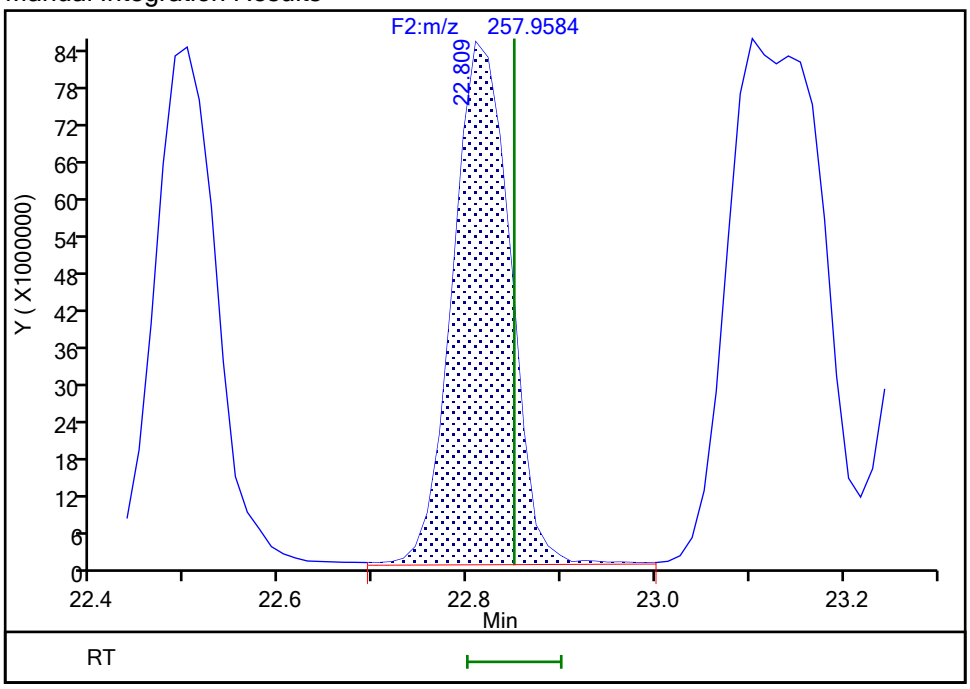
Processing Integration Results

RT: 22.81
Area: 359716283
Amount: 2096.9677
Amount Units: pg/ul



Manual Integration Results

RT: 22.81
Area: 358230001
Amount: 2093.4369
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:09:08
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

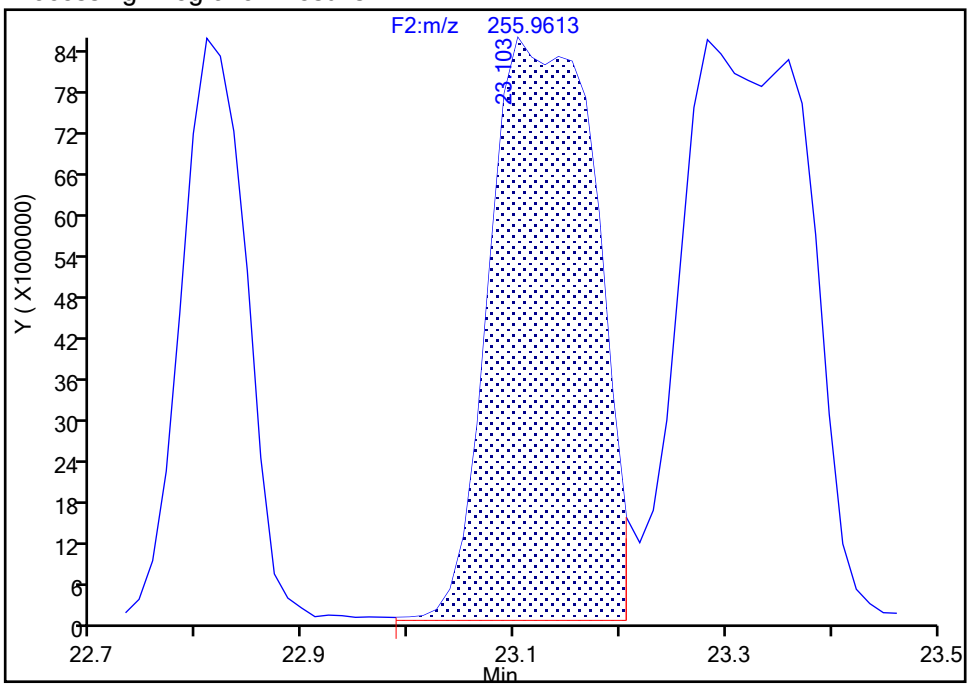
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-20/28, CAS: STL01799

Signal: 1

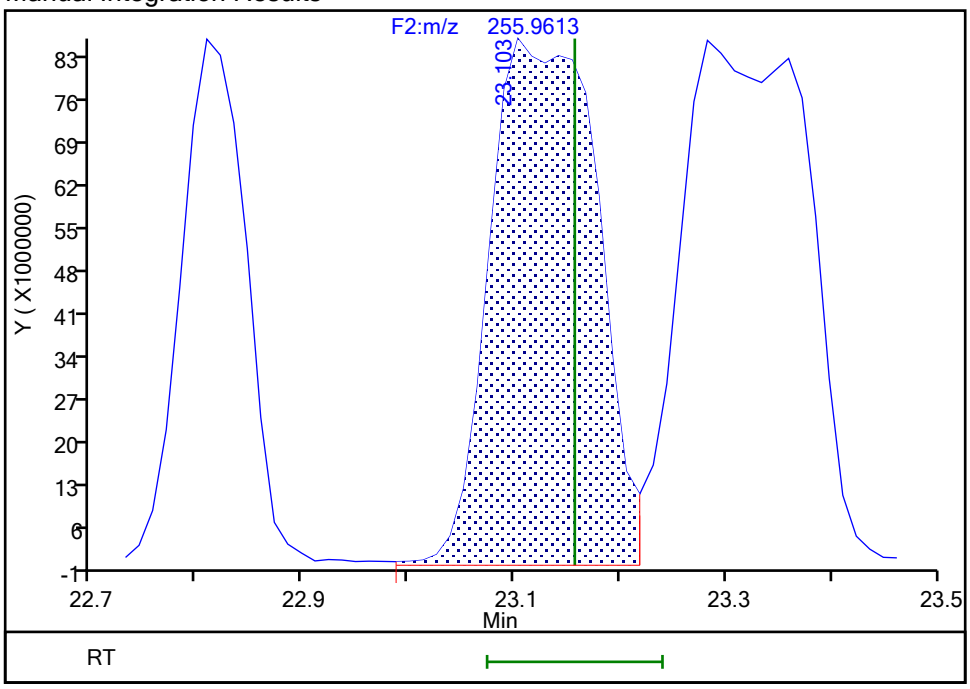
Processing Integration Results

RT: 23.10
Area: 589792203
Amount: 3766.2600
Amount Units: pg/ul



Manual Integration Results

RT: 23.10
Area: 602092387
Amount: 3817.7612
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:08:58

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

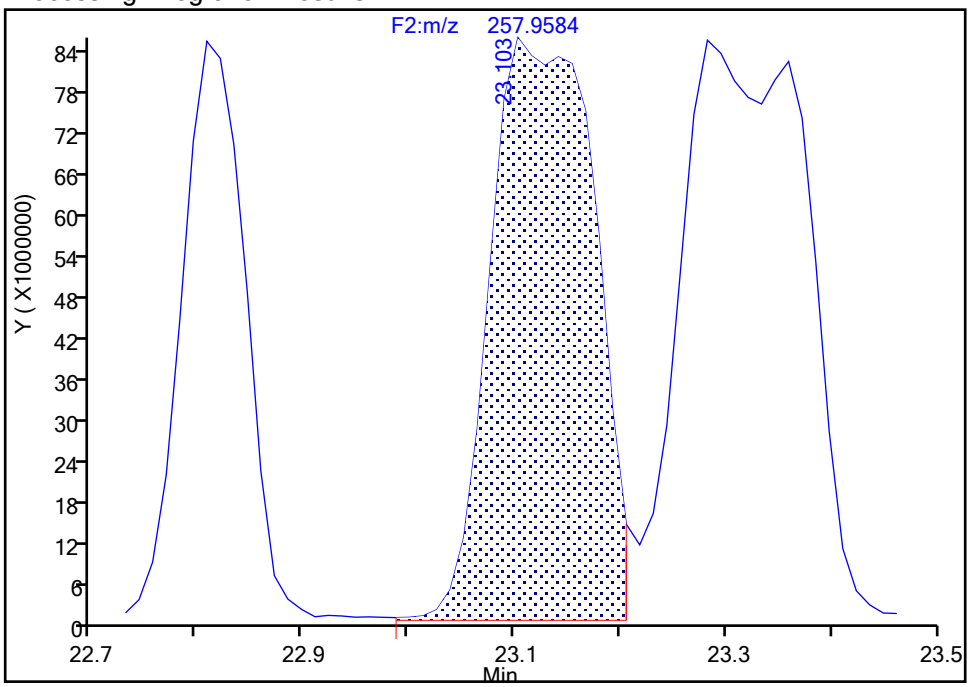
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-20/28, CAS: STL01799

Signal: 2

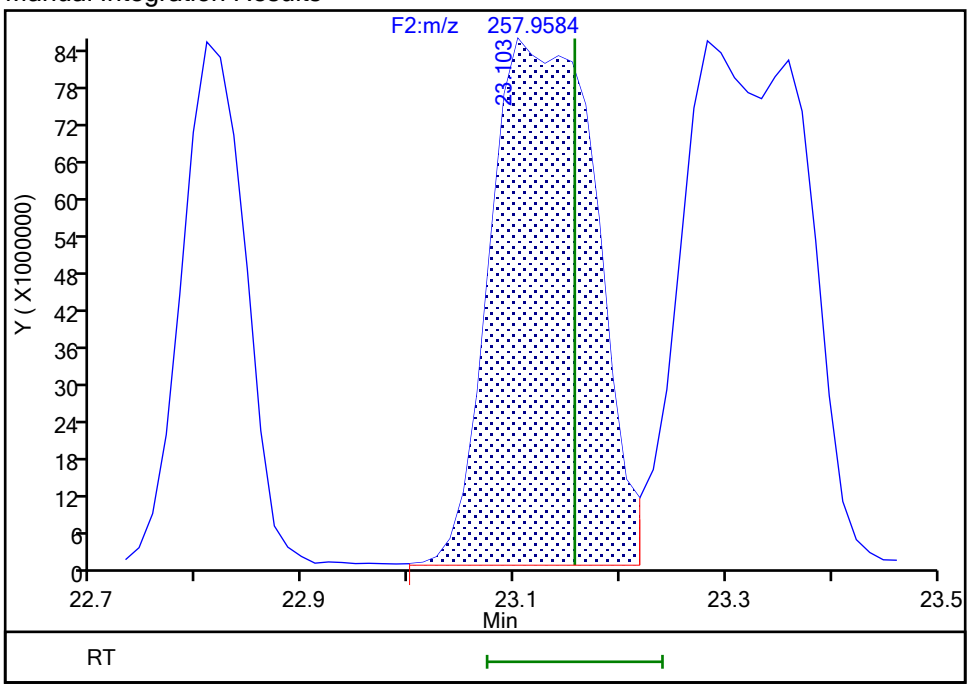
Processing Integration Results

RT: 23.10
Area: 580870582
Amount: 3766.2600
Amount Units: pg/ul



Manual Integration Results

RT: 23.10
Area: 587606638
Amount: 3817.7612
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:09:08
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

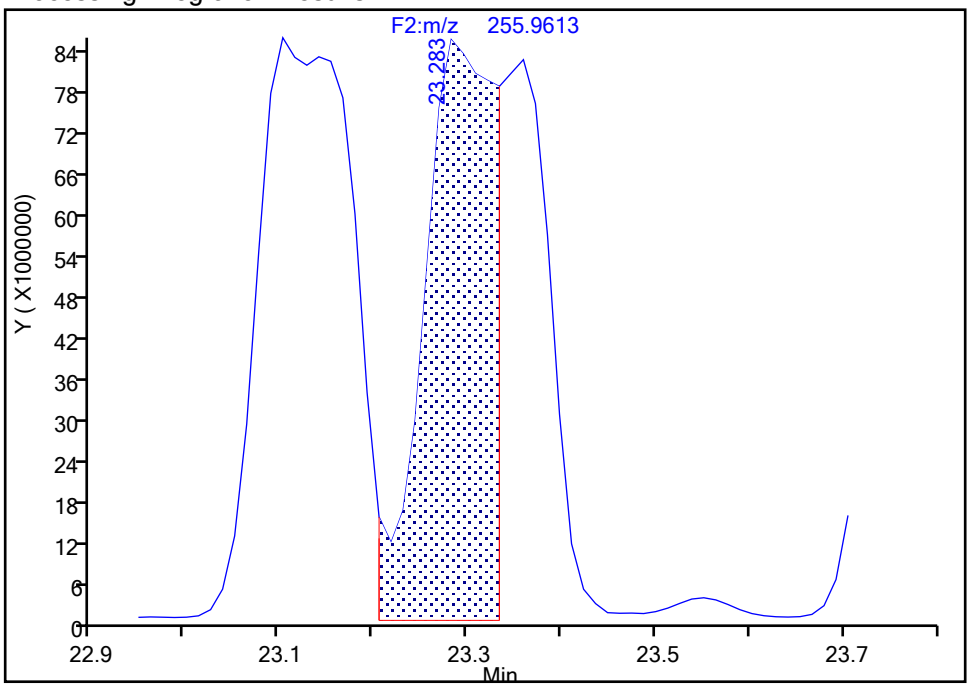
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 1

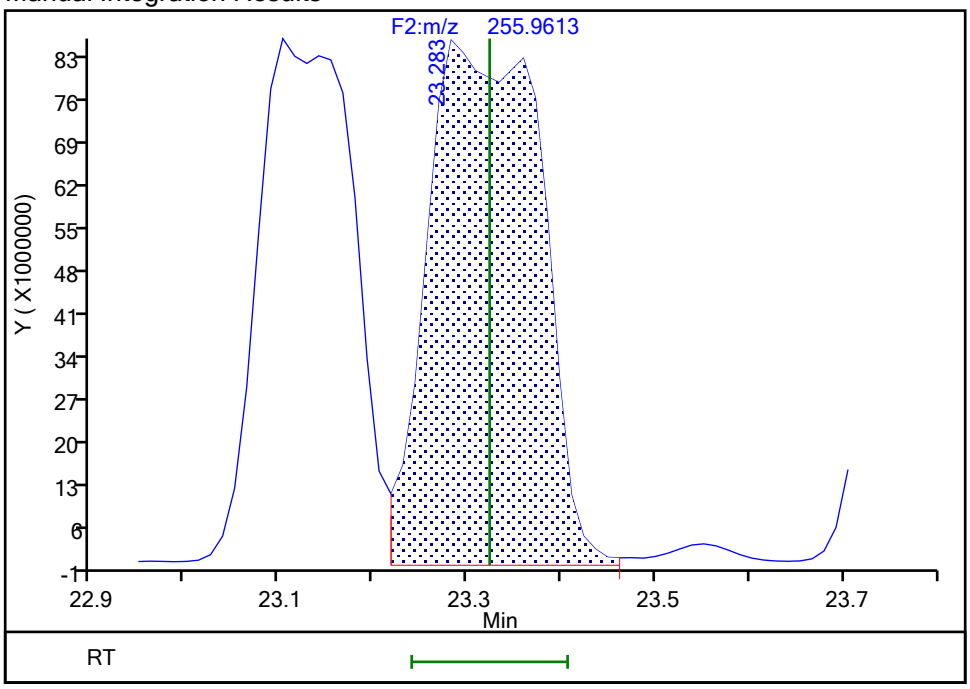
Processing Integration Results

RT: 23.28
Area: 427083969
Amount: 2895.8552
Amount Units: pg/ul



Manual Integration Results

RT: 23.28
Area: 712854703
Amount: 4451.5966
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:09:21
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

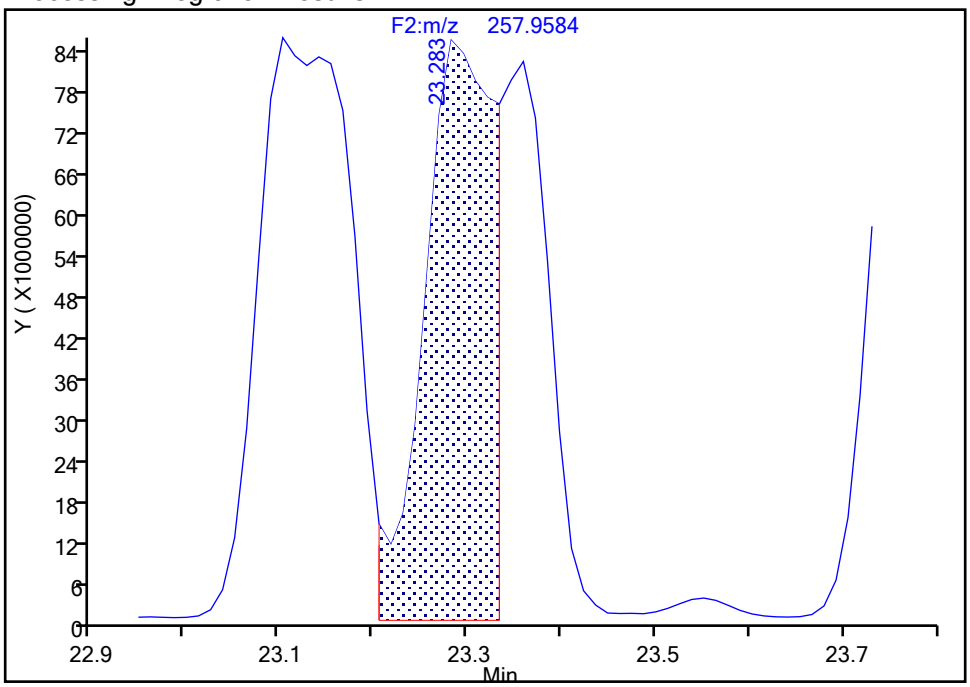
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 2

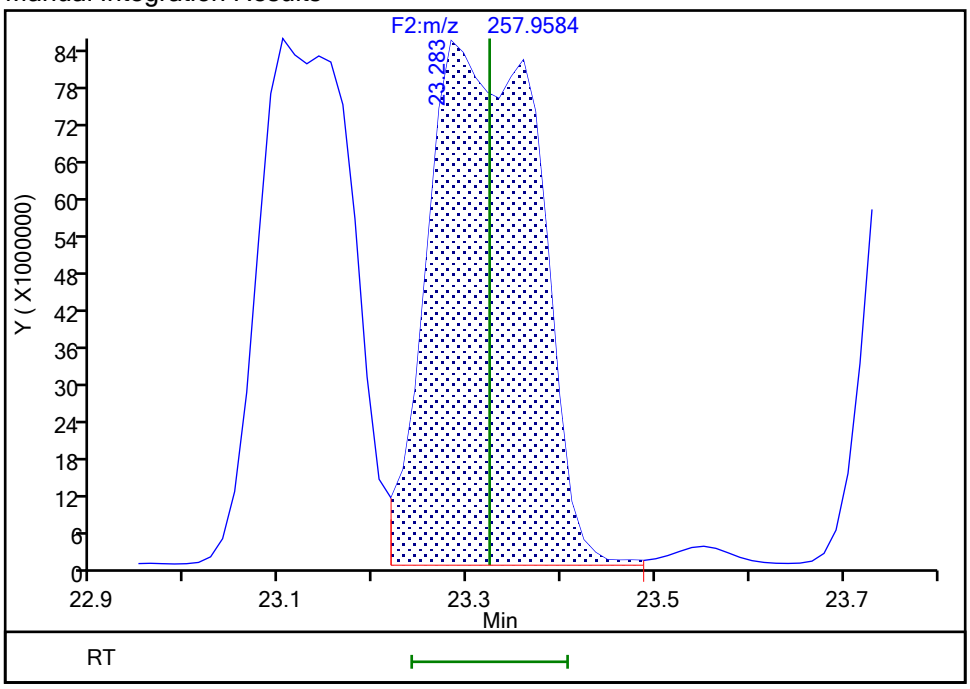
Processing Integration Results

RT: 23.28
Area: 420012010
Amount: 2895.8552
Amount Units: pg/ul



Manual Integration Results

RT: 23.28
Area: 692959890
Amount: 4451.5966
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:09:28
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

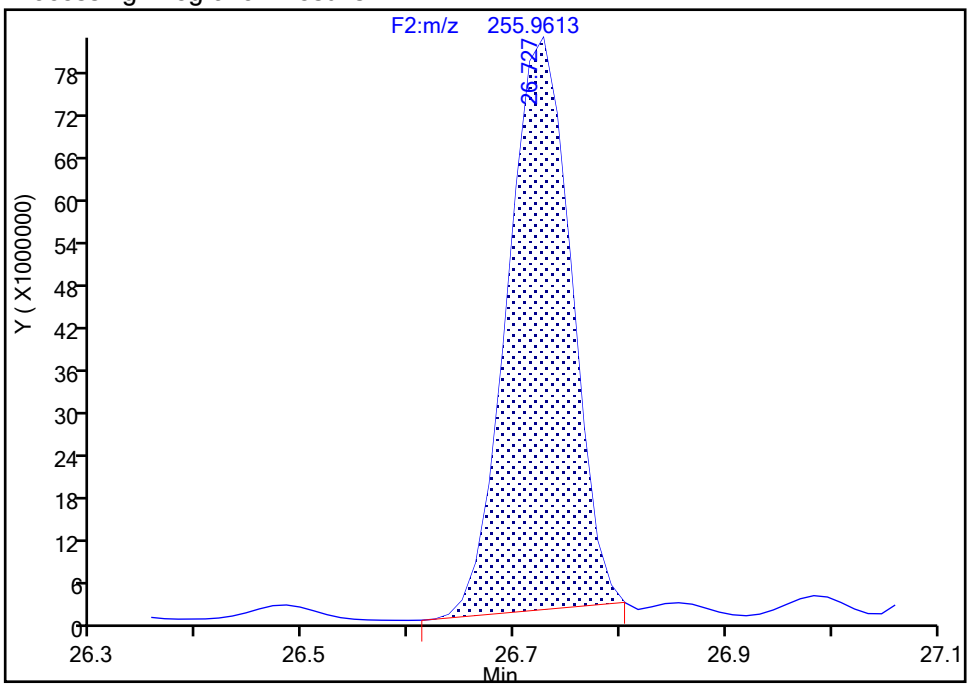
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-35, CAS: 37680-69-6

Signal: 1

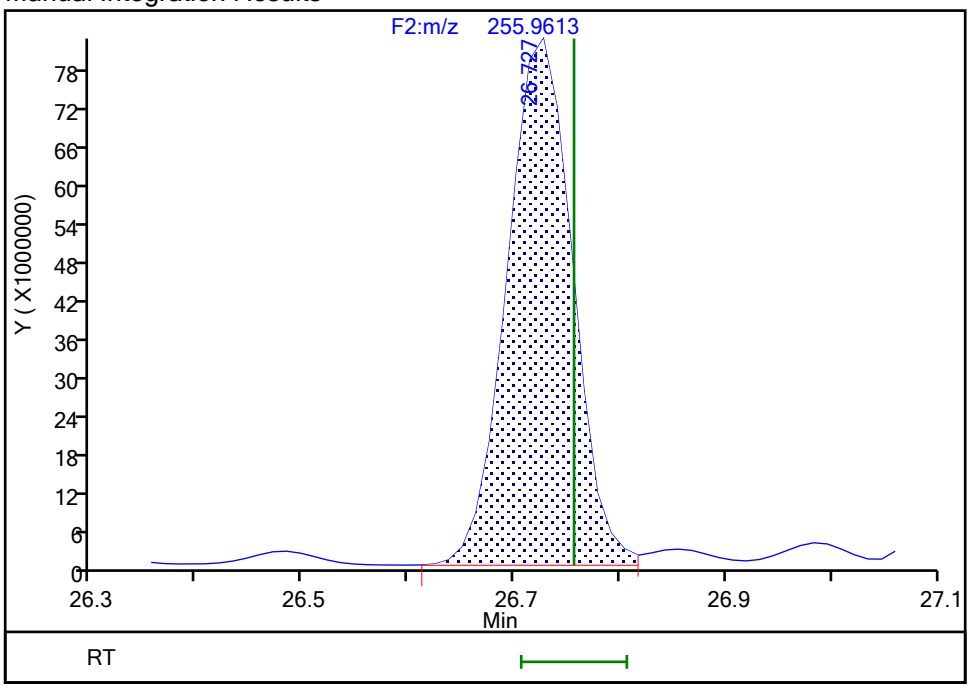
Processing Integration Results

RT: 26.73
Area: 337238097
Amount: 2146.7595
Amount Units: pg/ul



Manual Integration Results

RT: 26.73
Area: 353697814
Amount: 2189.3053
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:09:44

Audit Action: Manually Integrated Audit Reason: Split Peak

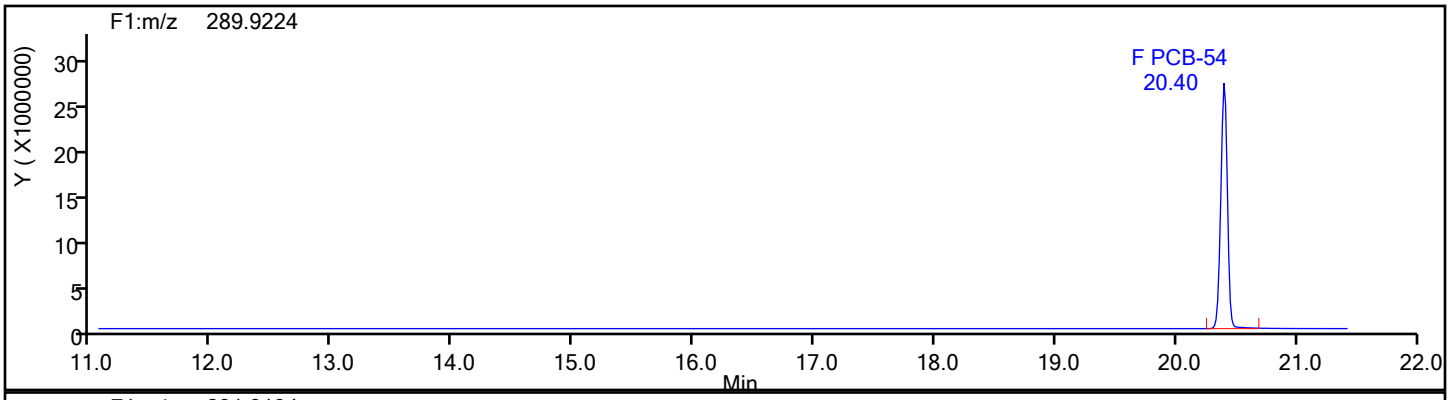
Report Date: 08-Oct-2021 19:11:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

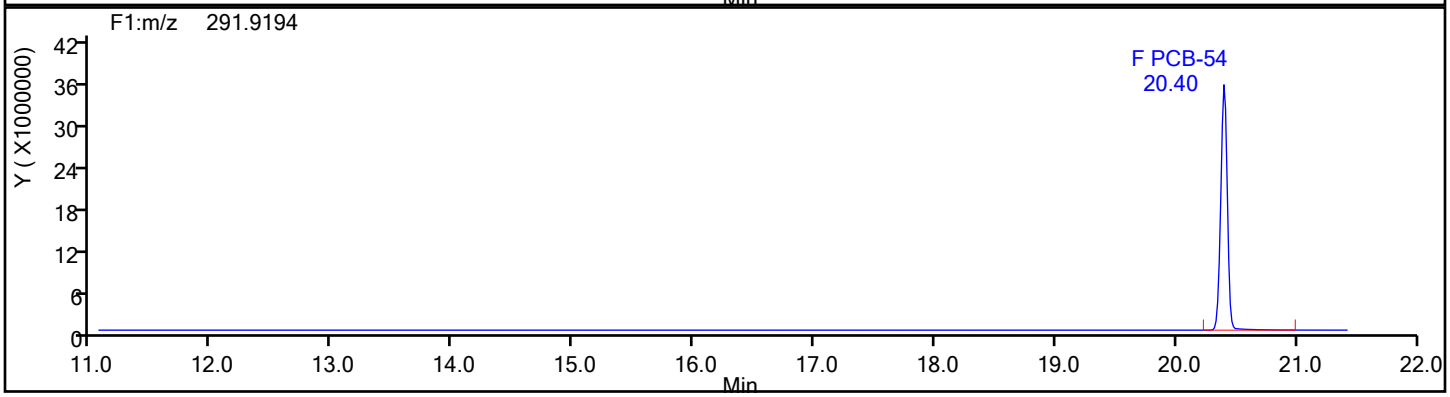
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

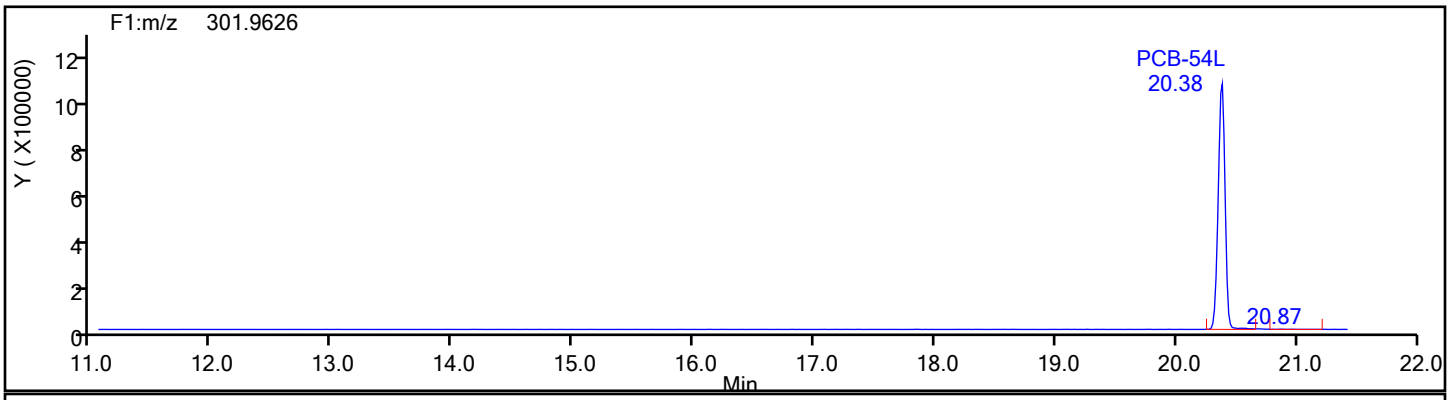
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

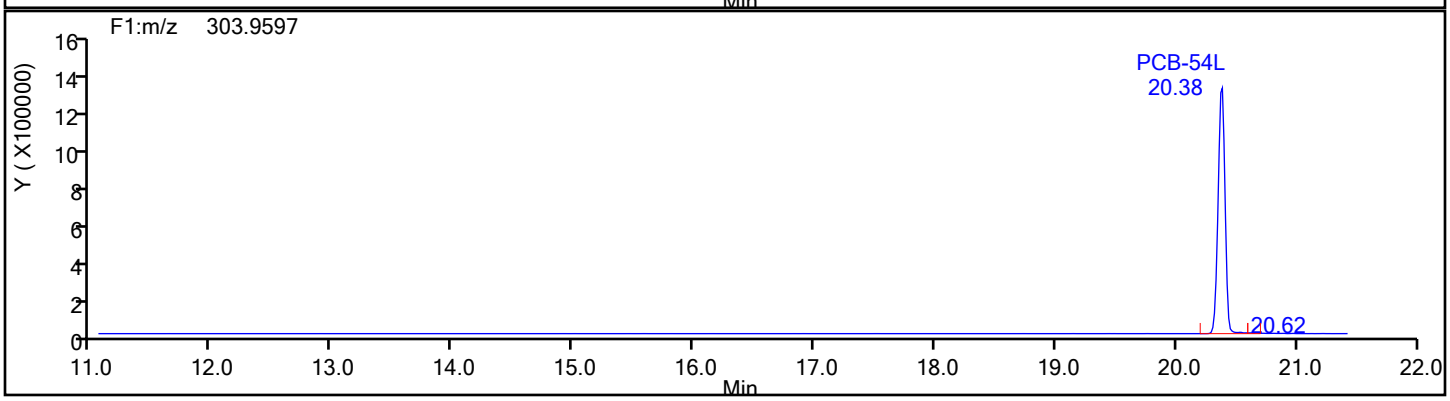
TePCB F1





TePCB F1 Standards



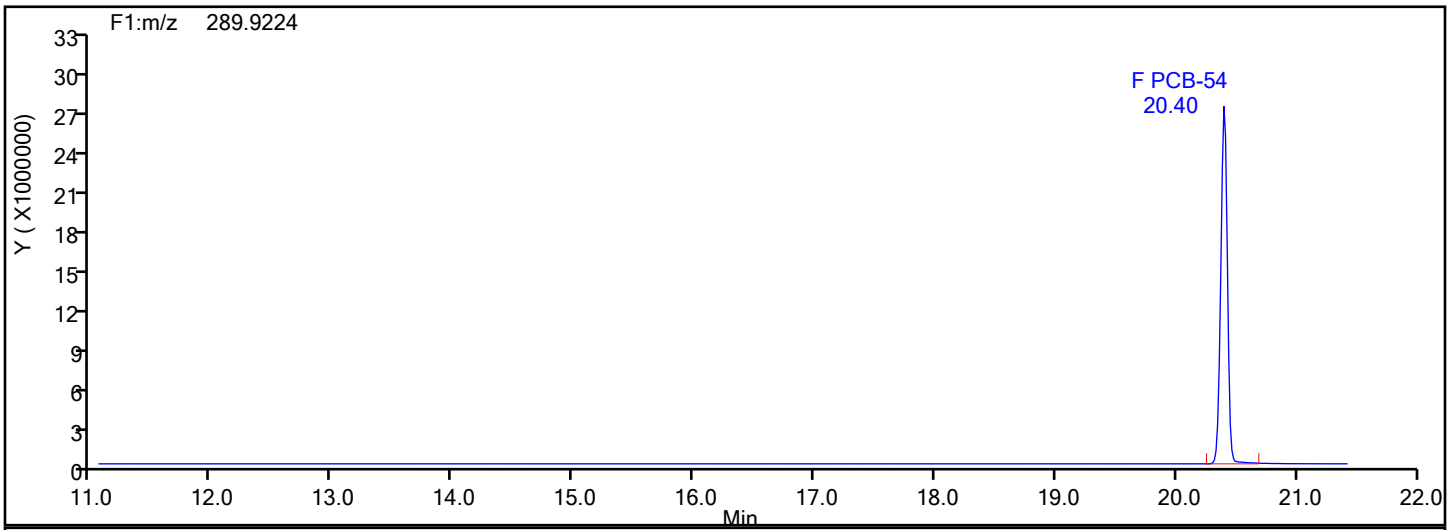


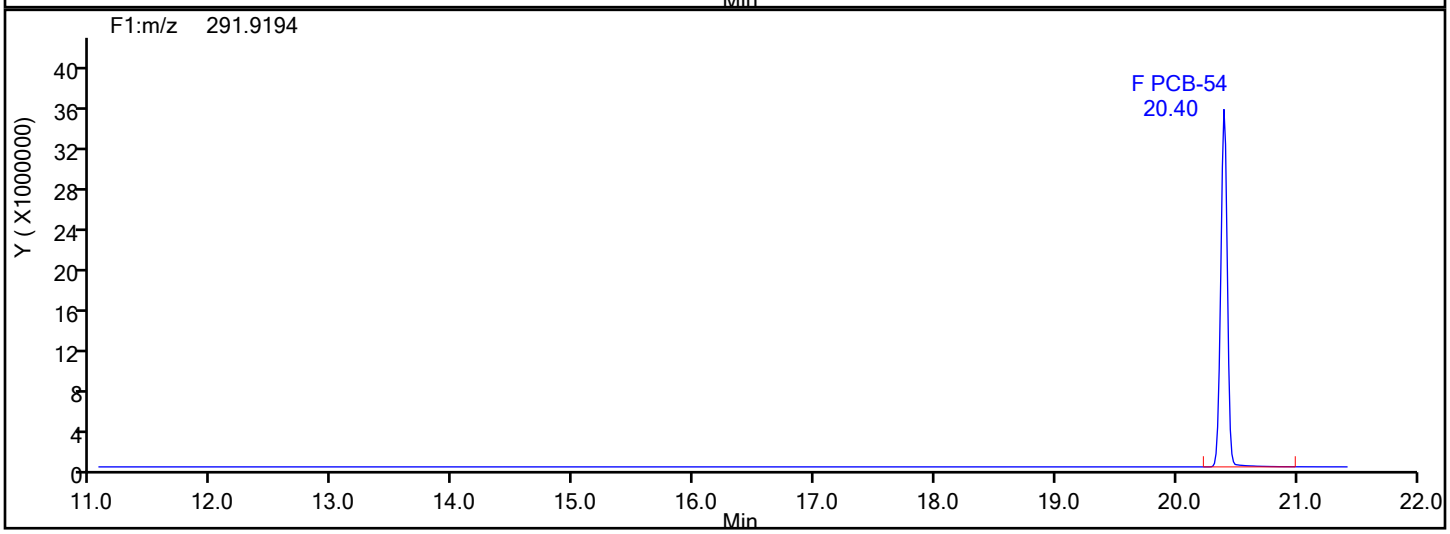
Report Date: 08-Oct-2021 19:11:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

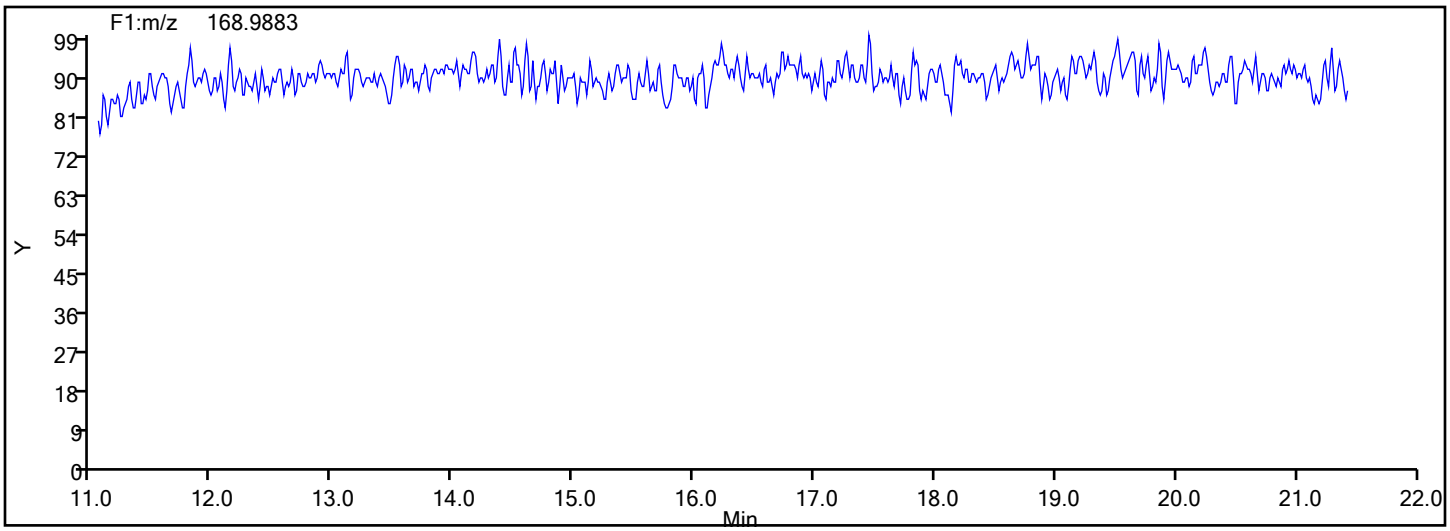
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



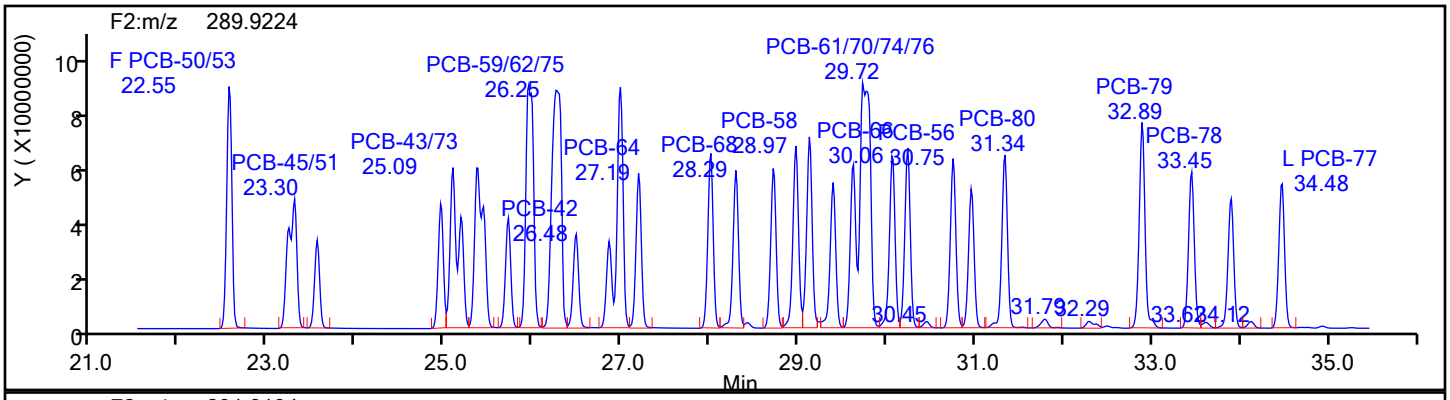
Report Date: 08-Oct-2021 19:11:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

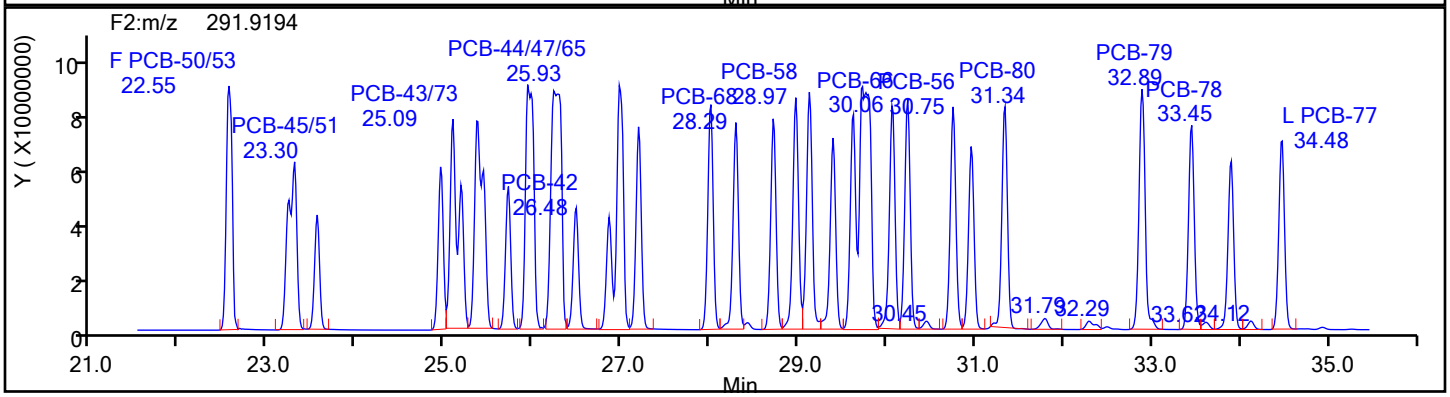
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

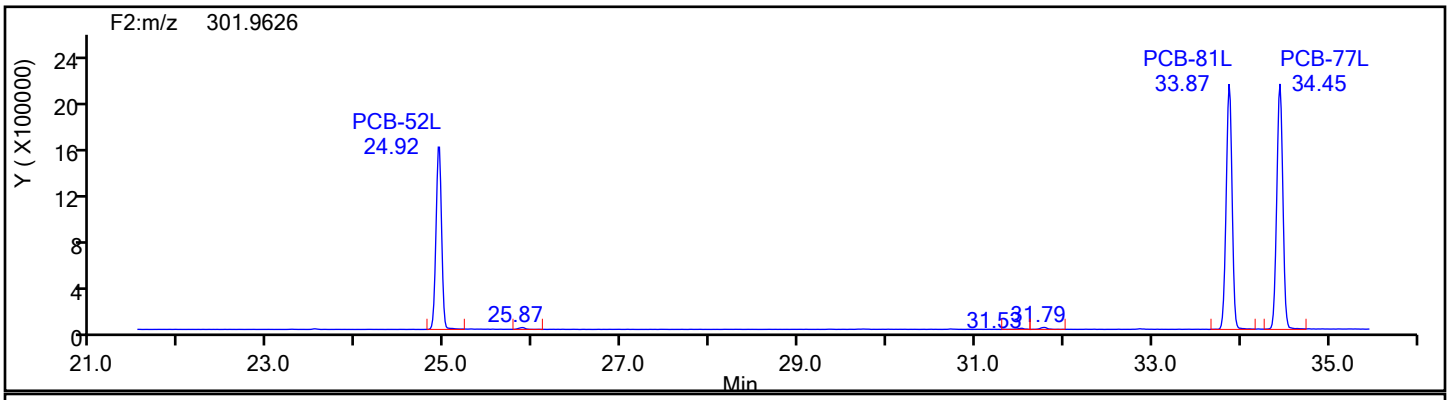
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

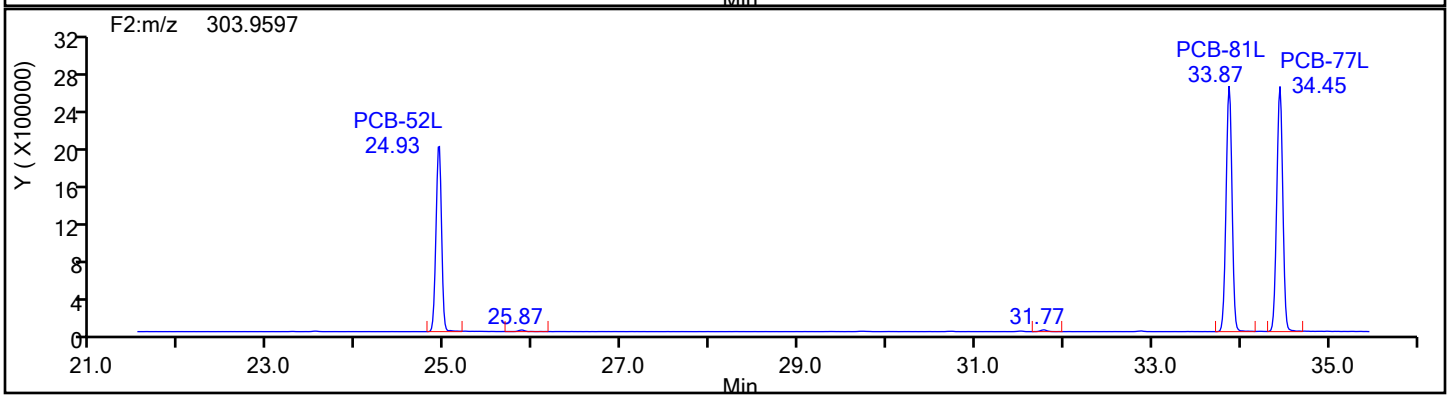
TePCB F2





TePCB F2 Standards



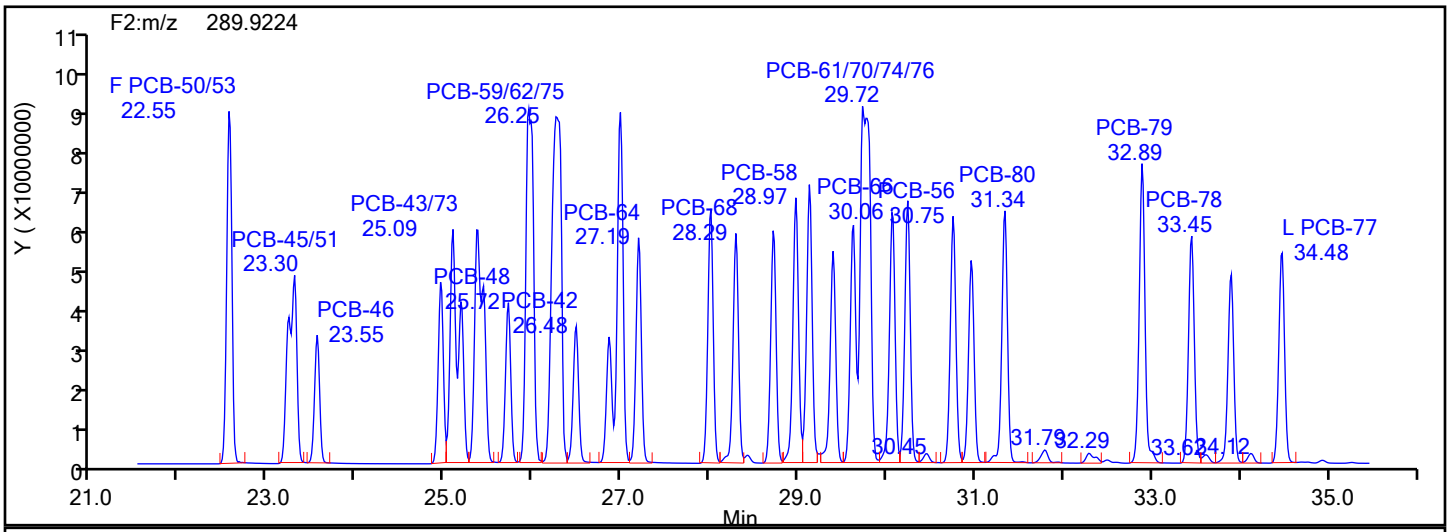


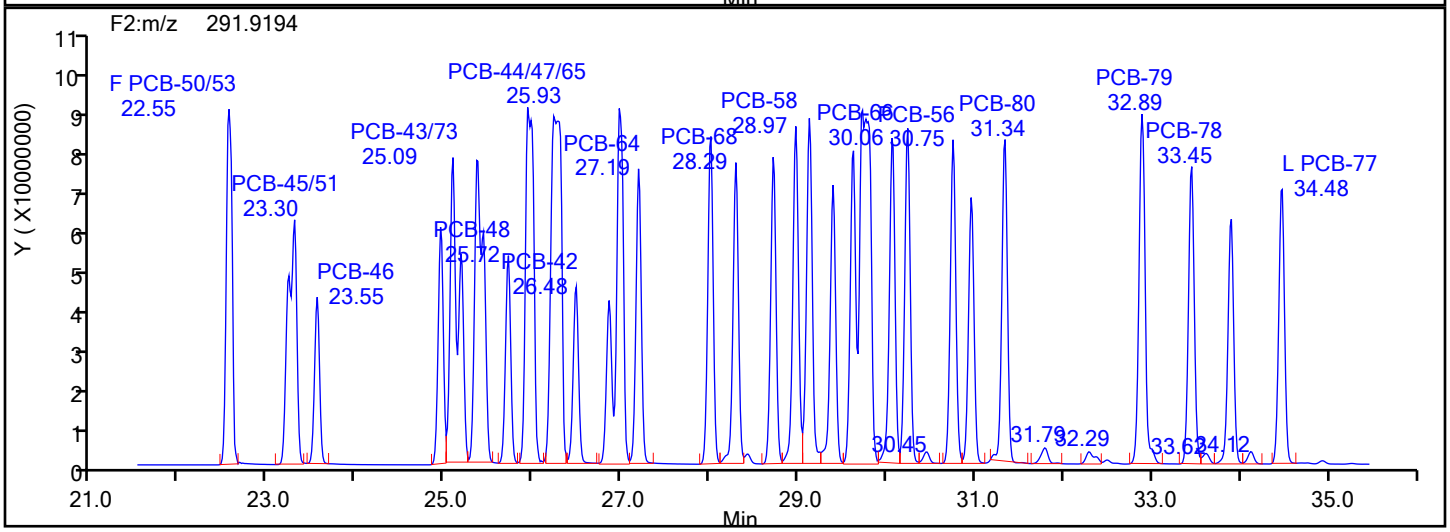
Report Date: 08-Oct-2021 19:11:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

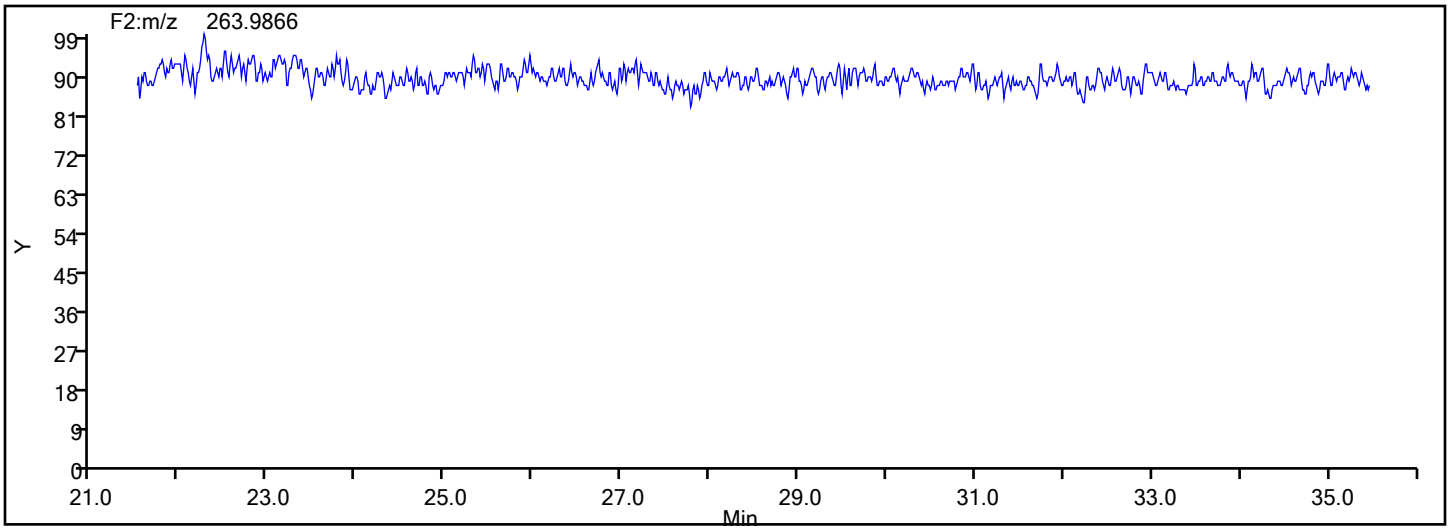
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

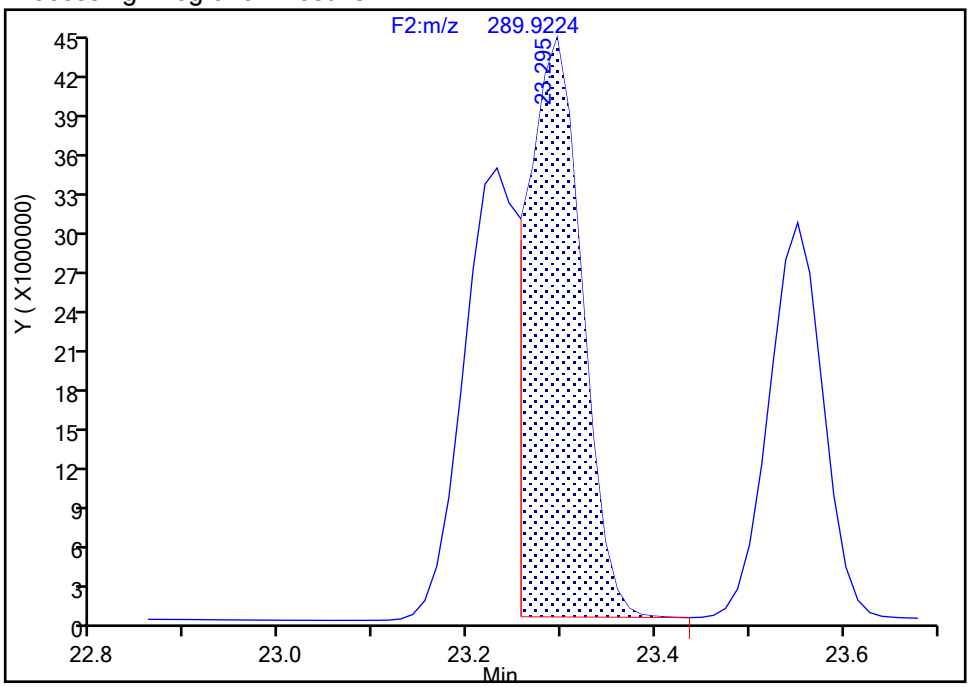
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-45/51, CAS: STL01804

Signal: 1

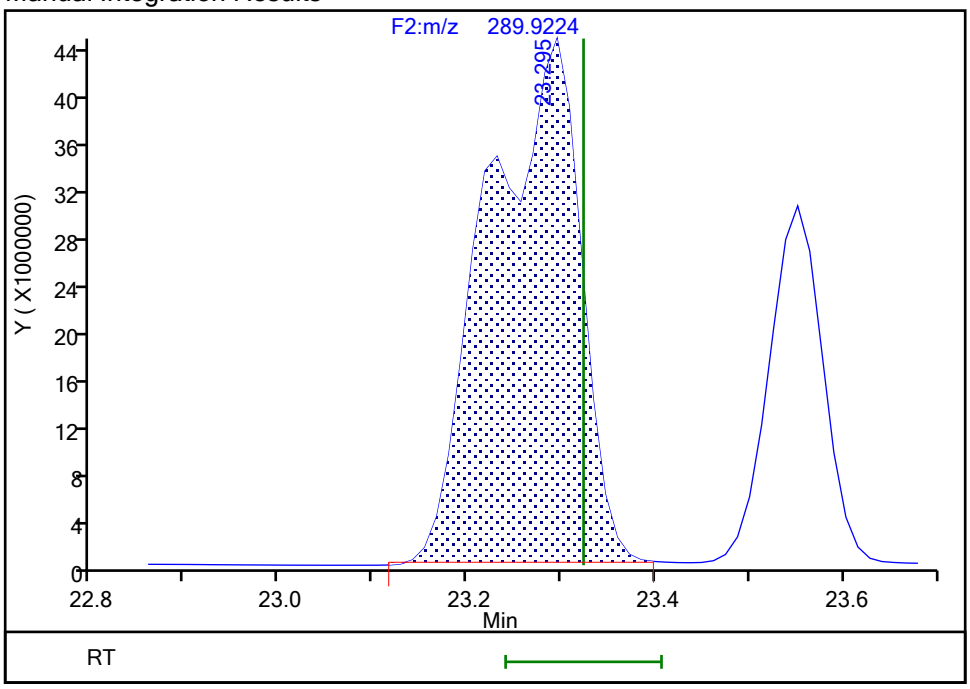
Processing Integration Results

RT: 23.30
Area: 172219733
Amount: 2720.5871
Amount Units: pg/ul



Manual Integration Results

RT: 23.30
Area: 305327419
Amount: 4458.6275
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:10:00

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

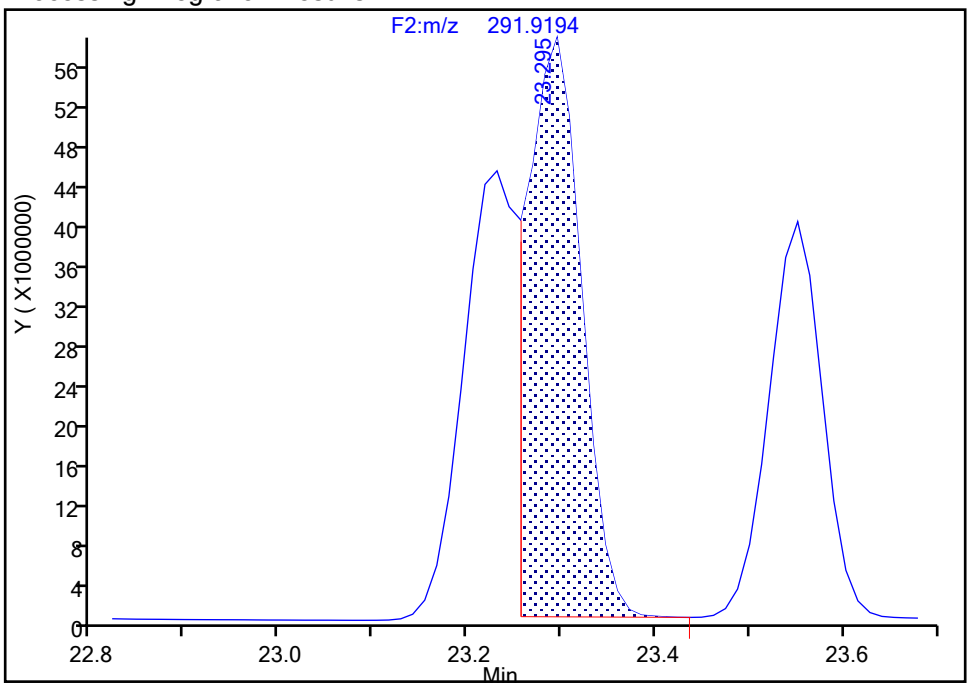
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-45/51, CAS: STL01804

Signal: 2

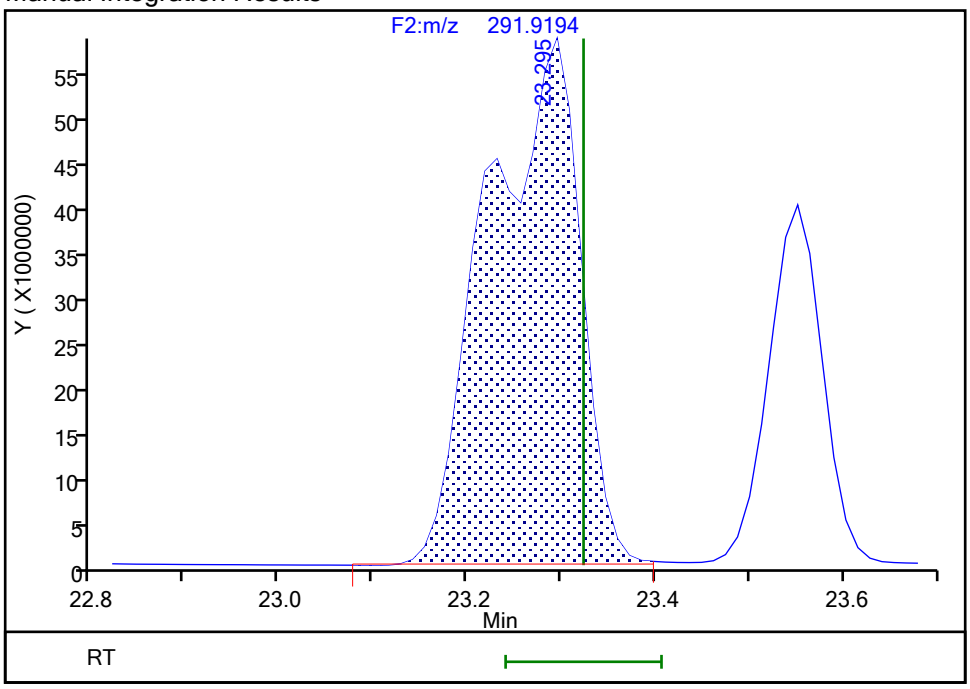
Processing Integration Results

RT: 23.30
Area: 222644952
Amount: 2720.5871
Amount Units: pg/ul



Manual Integration Results

RT: 23.30
Area: 399351735
Amount: 4458.6275
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:10:04
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

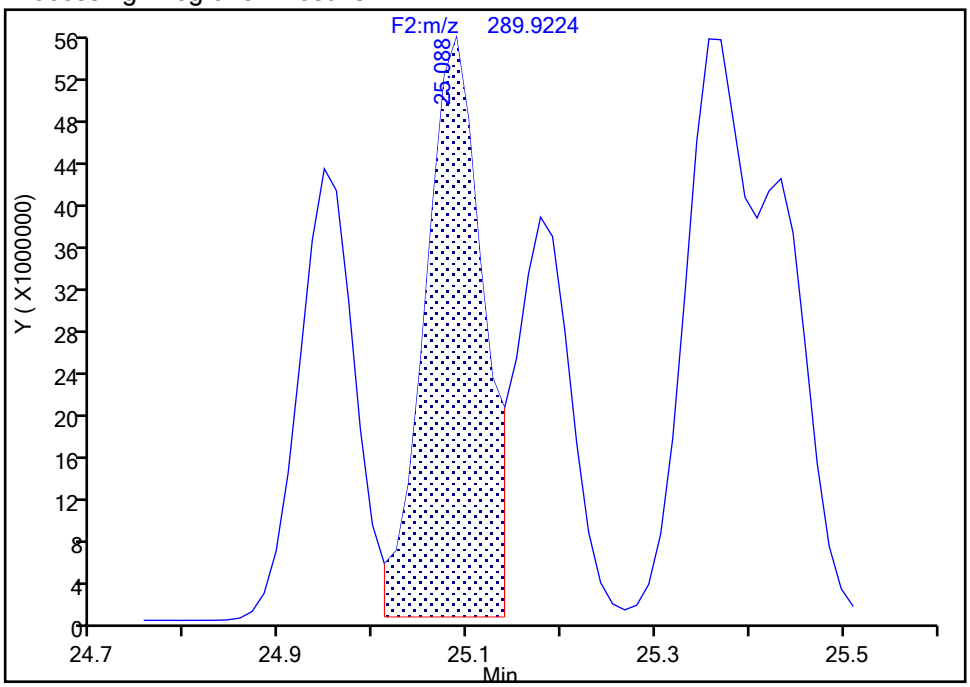
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-43/73, CAS: STL02293

Signal: 1

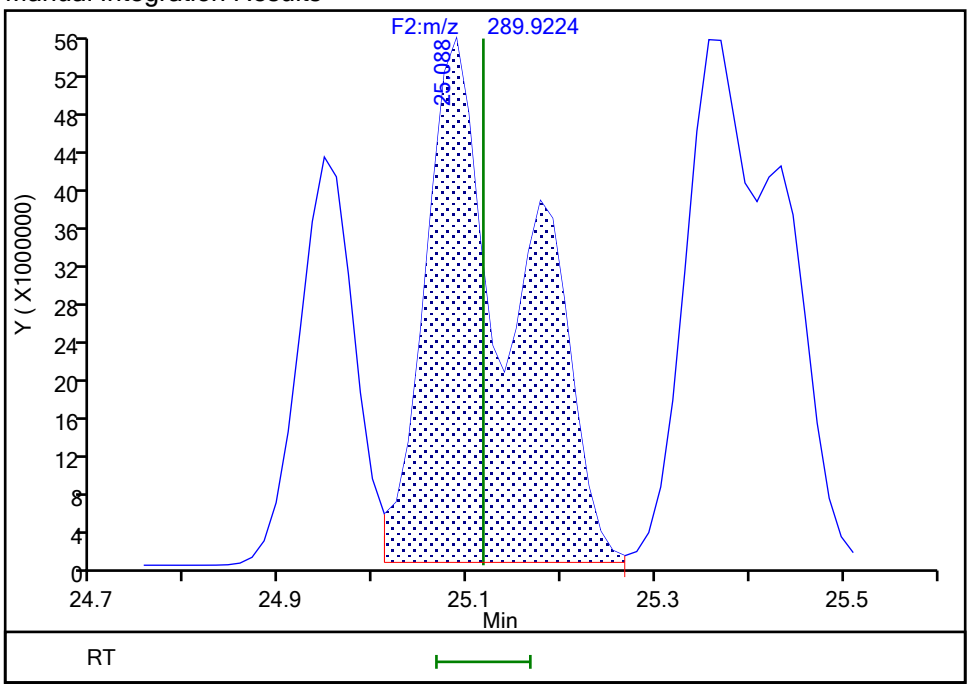
Processing Integration Results

RT: 25.09
Area: 235338793
Amount: 2925.1627
Amount Units: pg/ul



Manual Integration Results

RT: 25.09
Area: 388828135
Amount: 4448.7155
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:10:19

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

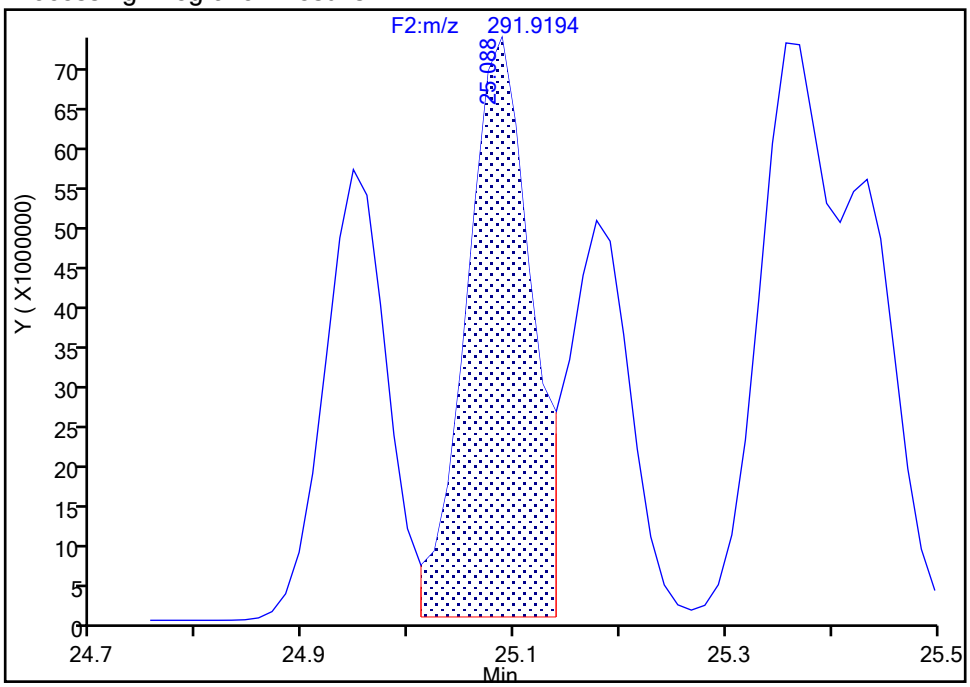
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 2

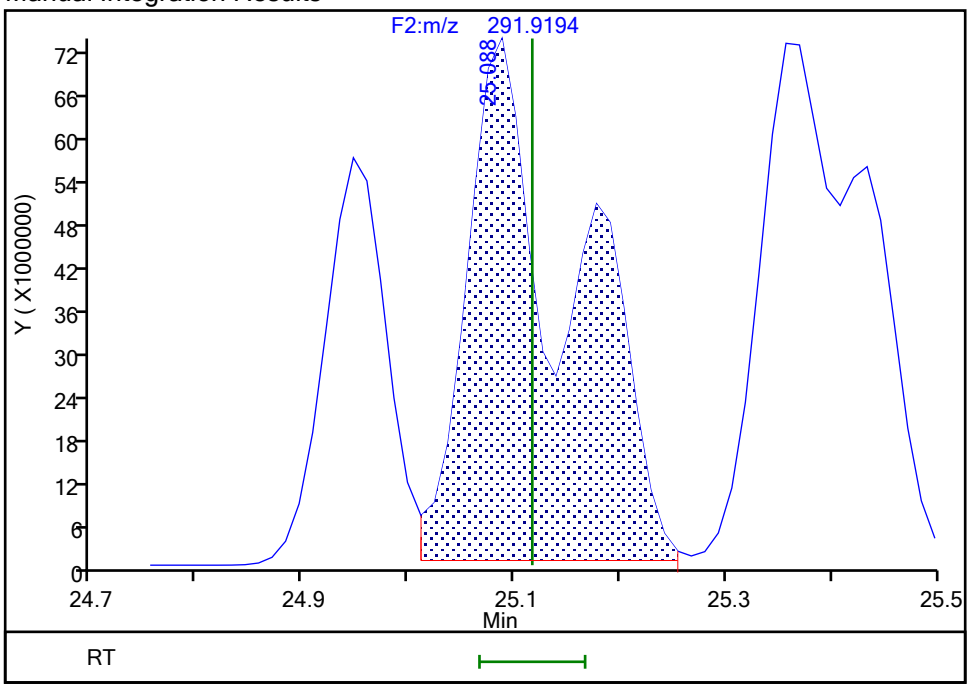
Processing Integration Results

RT: 25.09
Area: 308124521
Amount: 2925.1627
Amount Units: pg/ul



Manual Integration Results

RT: 25.09
Area: 502102285
Amount: 4448.7155
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:10:24
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

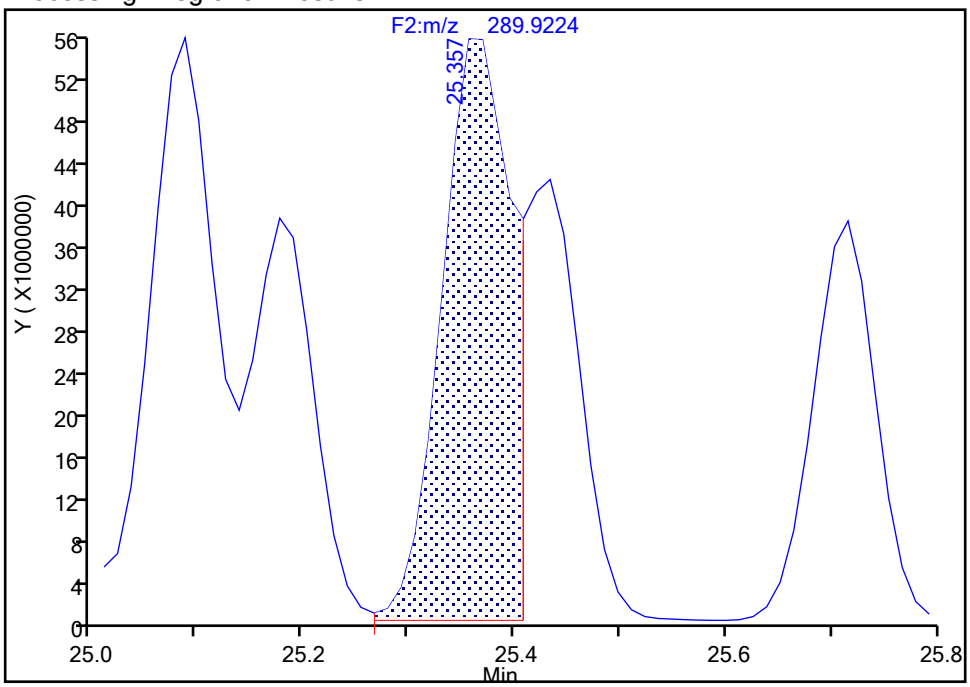
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 1

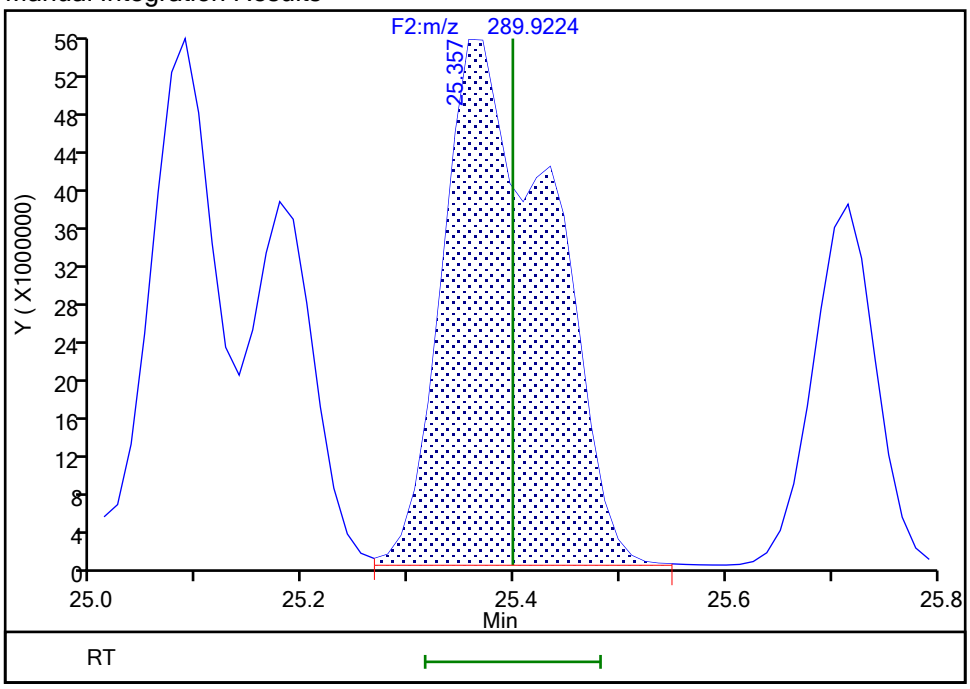
Processing Integration Results

RT: 25.36
Area: 248600540
Amount: 3072.2785
Amount Units: pg/ul



Manual Integration Results

RT: 25.36
Area: 395293847
Amount: 4523.2124
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:10:32
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

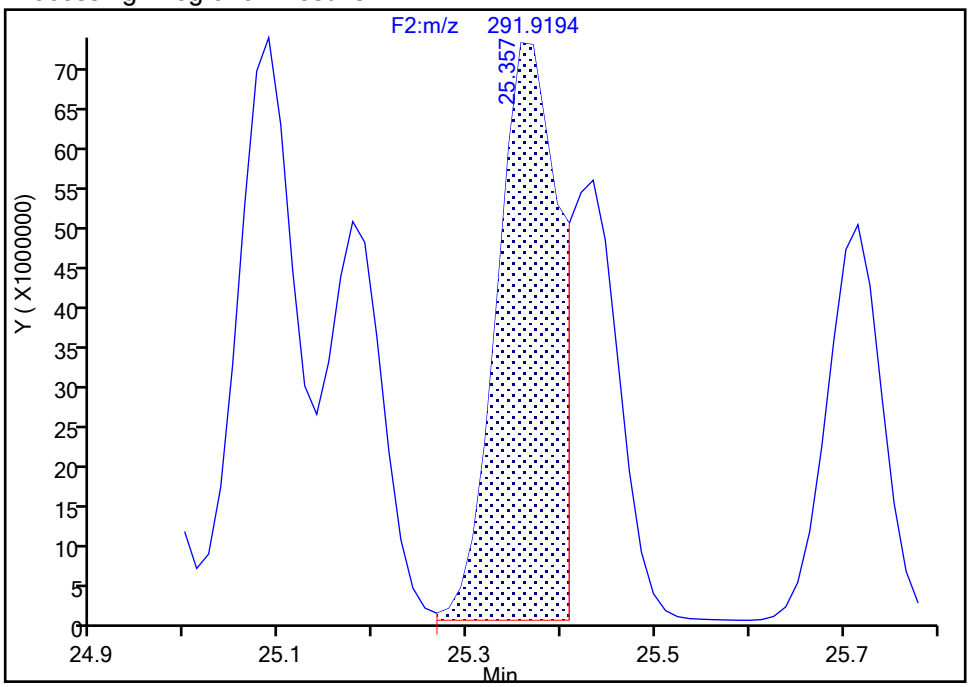
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 2

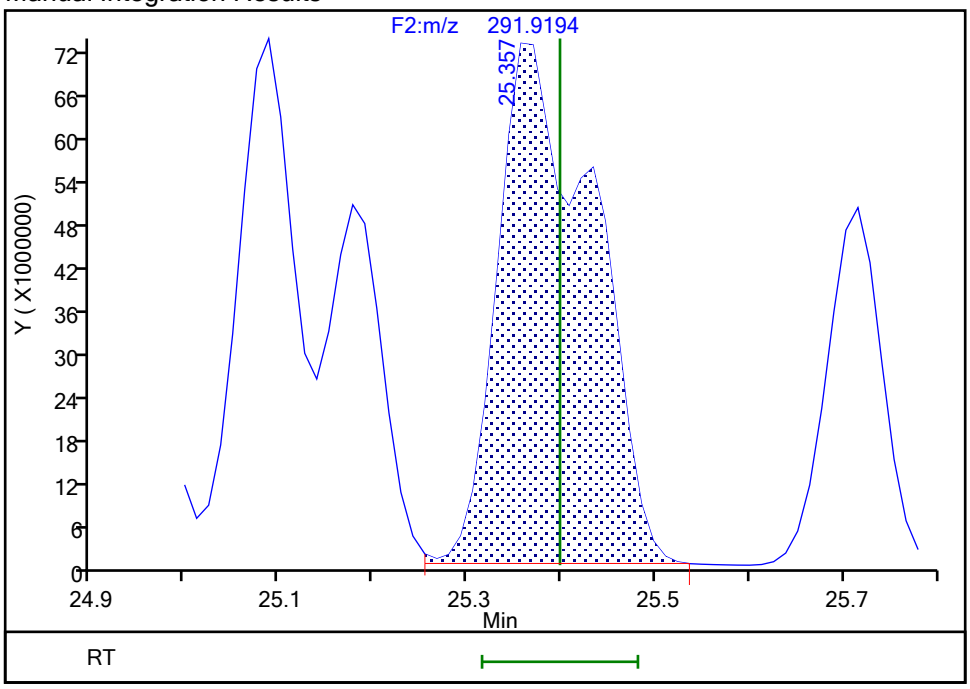
Processing Integration Results

RT: 25.36
Area: 323929975
Amount: 3072.2785
Amount Units: pg/ul



Manual Integration Results

RT: 25.36
Area: 510417181
Amount: 4523.2124
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:10:38
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

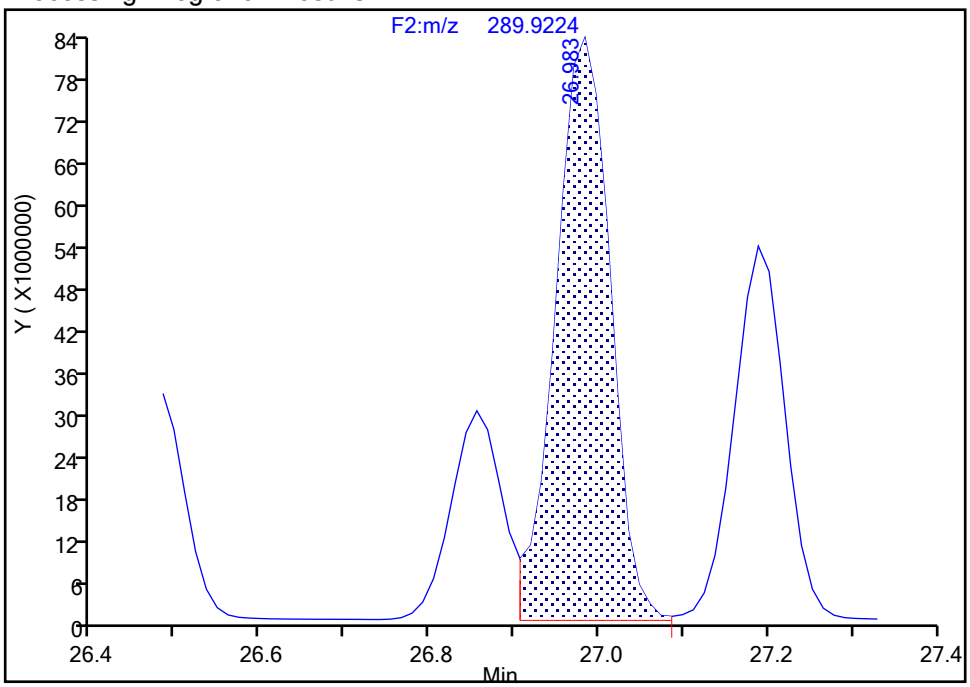
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-40/41/71, CAS: STL02292

Signal: 1

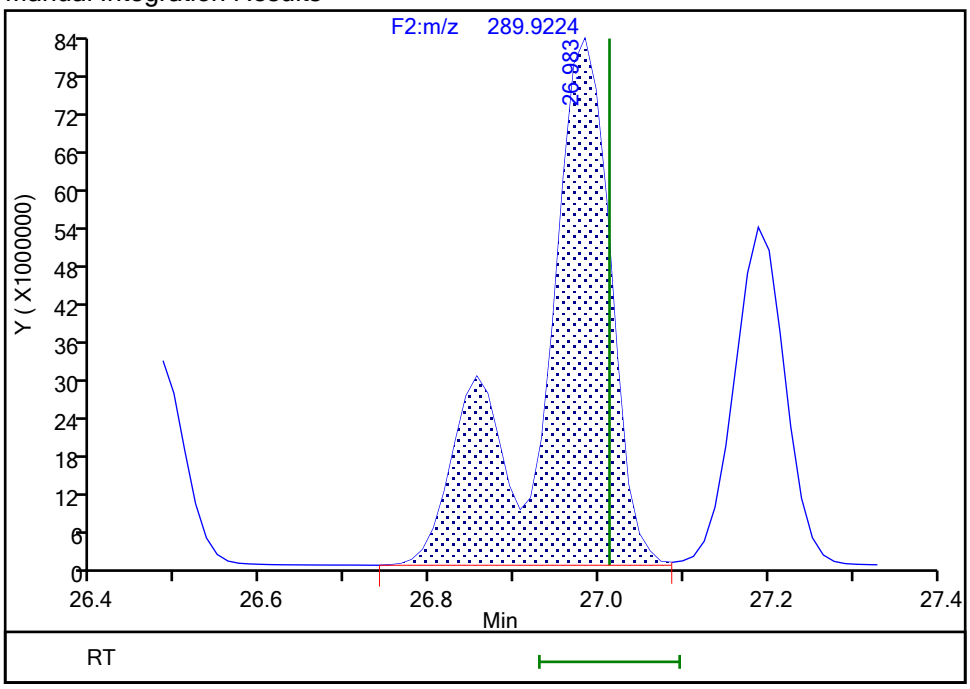
Processing Integration Results

RT: 26.98
Area: 372716790
Amount: 4891.4784
Amount Units: pg/ul



Manual Integration Results

RT: 26.98
Area: 495365004
Amount: 6344.8228
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:11:01

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

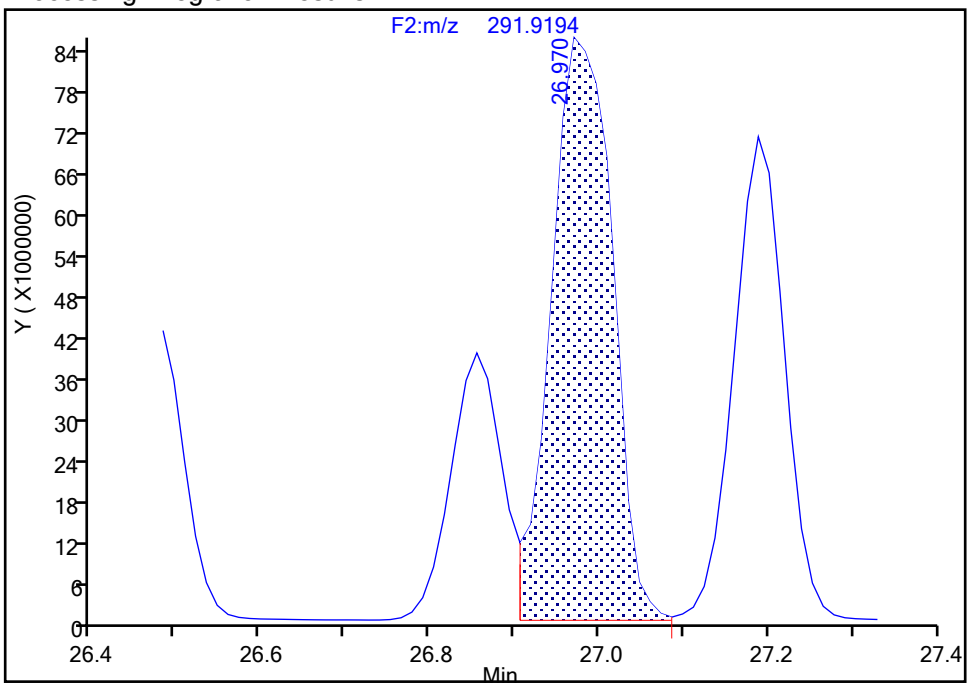
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-40/41/71, CAS: STL02292

Signal: 2

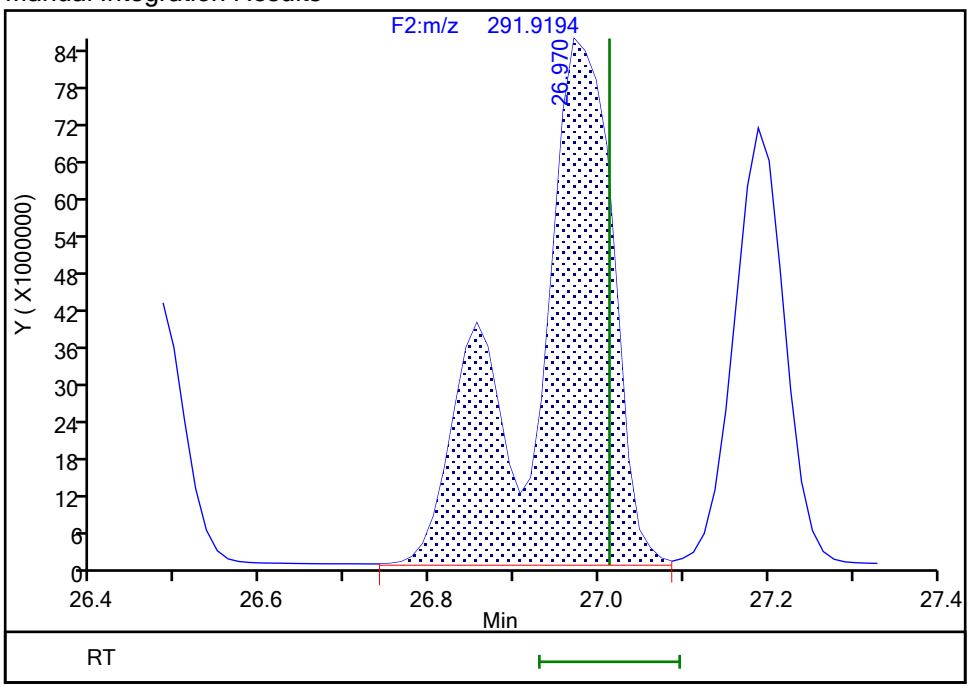
Processing Integration Results

RT: 26.97
Area: 423399048
Amount: 4891.4784
Amount Units: pg/ul



Manual Integration Results

RT: 26.97
Area: 587899405
Amount: 6344.8228
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:11:10
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

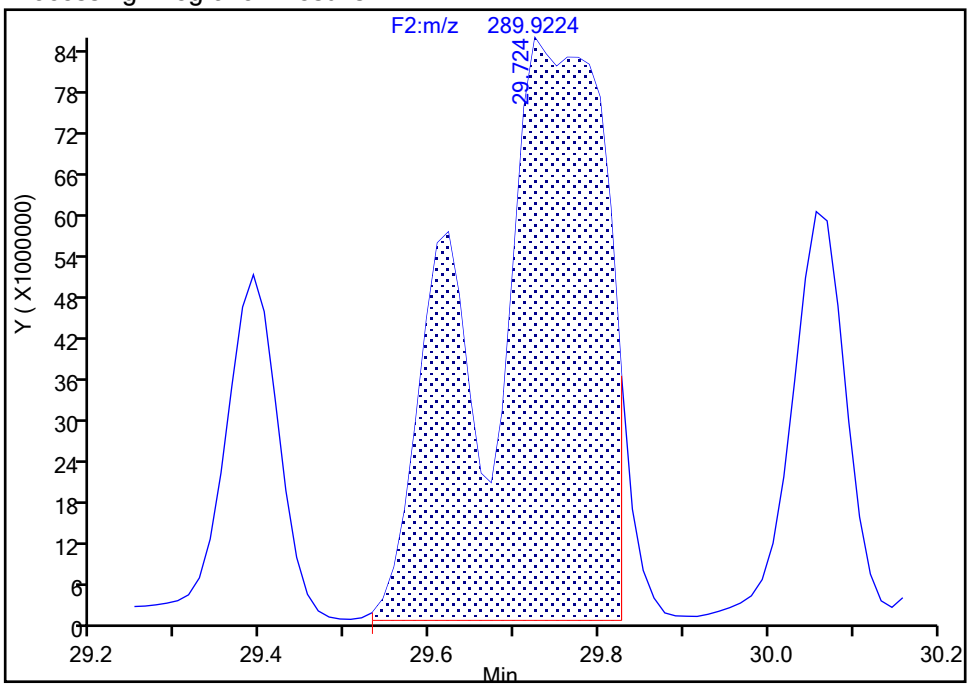
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-61/70/74/76, CAS: STL01808

Signal: 1

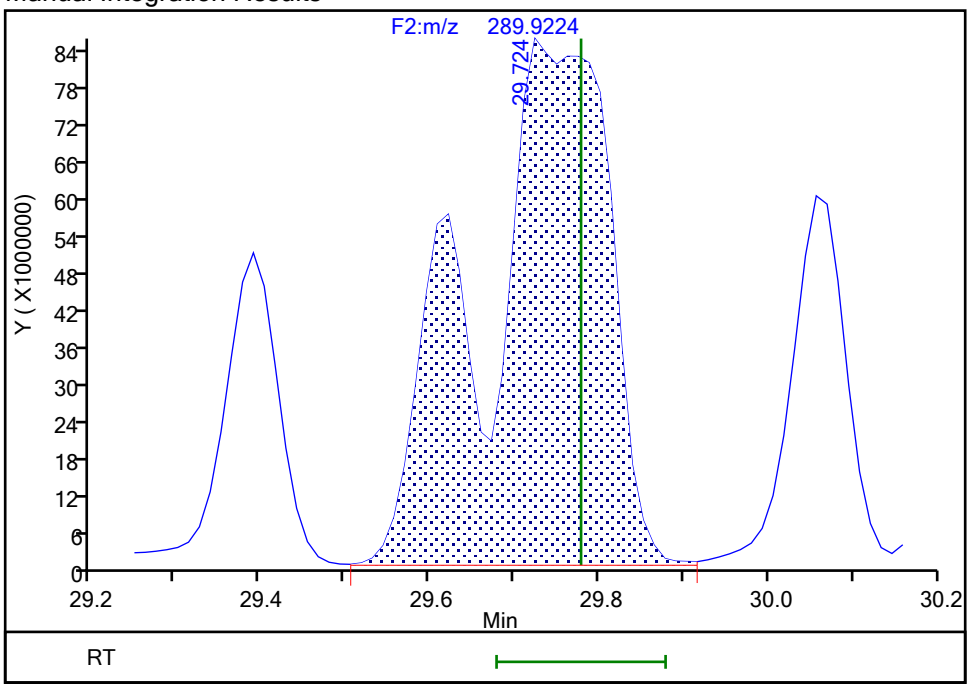
Processing Integration Results

RT: 29.72
Area: 873786594
Amount: 7415.6278
Amount Units: pg/ul



Manual Integration Results

RT: 29.72
Area: 910620837
Amount: 7553.5516
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:11:24

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

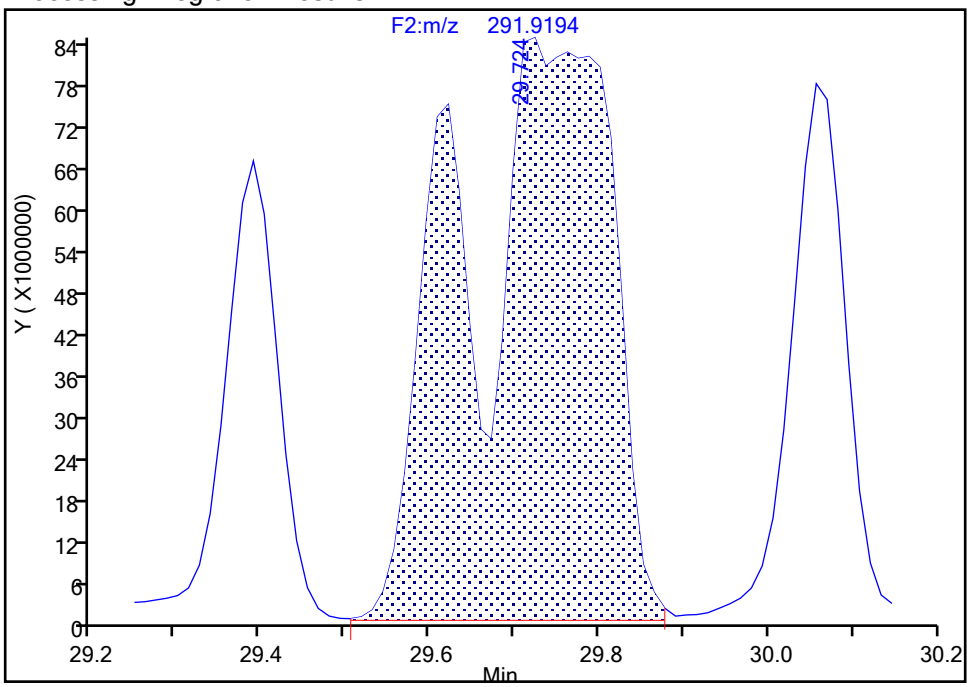
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-61/70/74/76, CAS: STL01808

Signal: 2

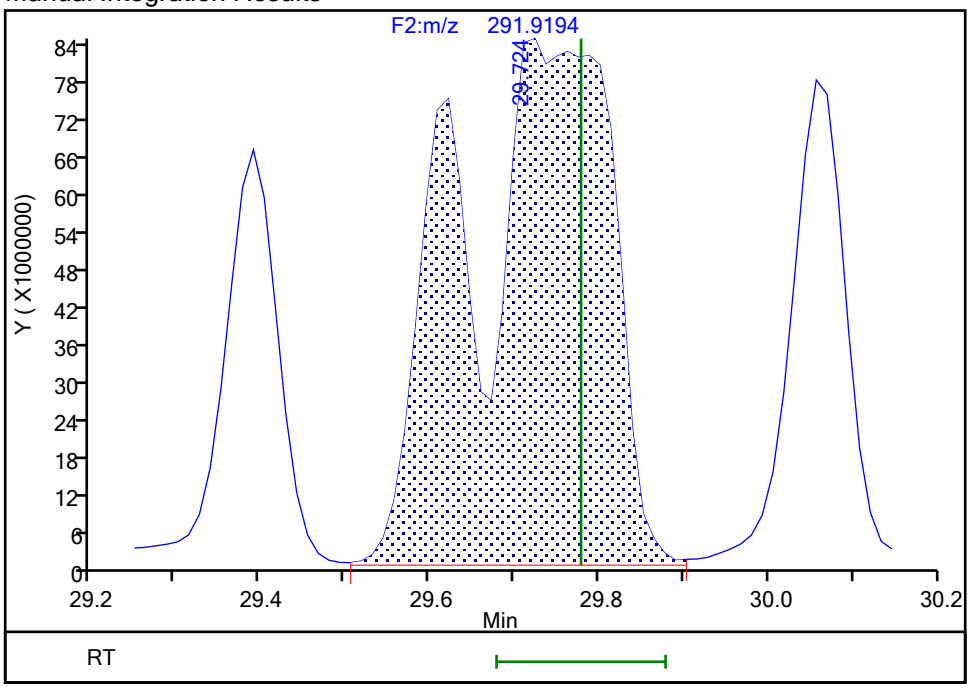
Processing Integration Results

RT: 29.72
Area: 1039126298
Amount: 7415.6278
Amount Units: pg/ul



Manual Integration Results

RT: 29.72
Area: 1044514875
Amount: 7553.5516
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:11:35
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

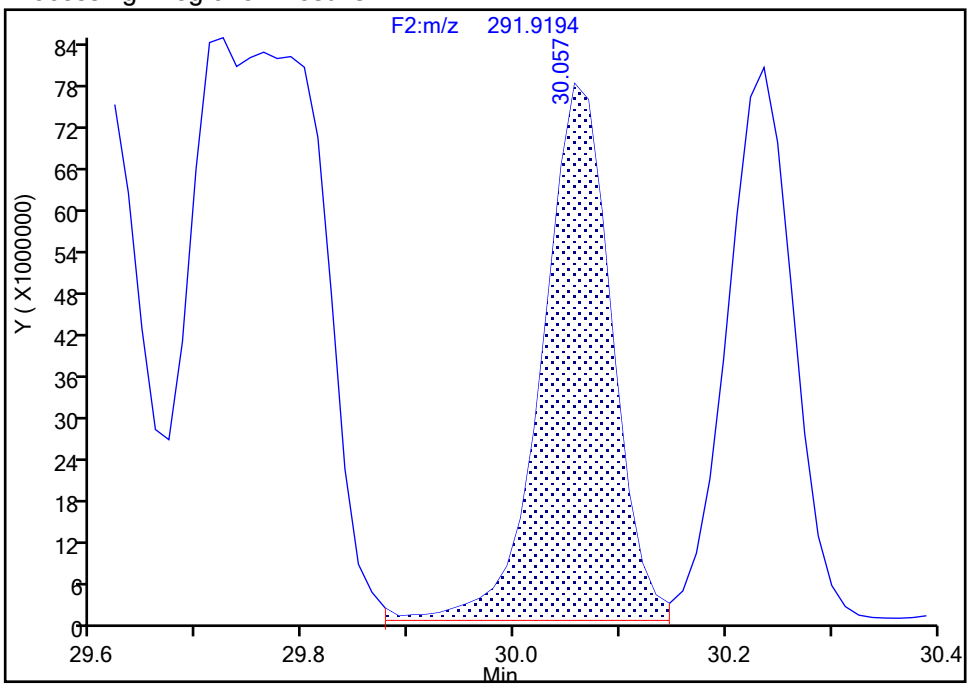
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-66, CAS: 32598-10-0

Signal: 2

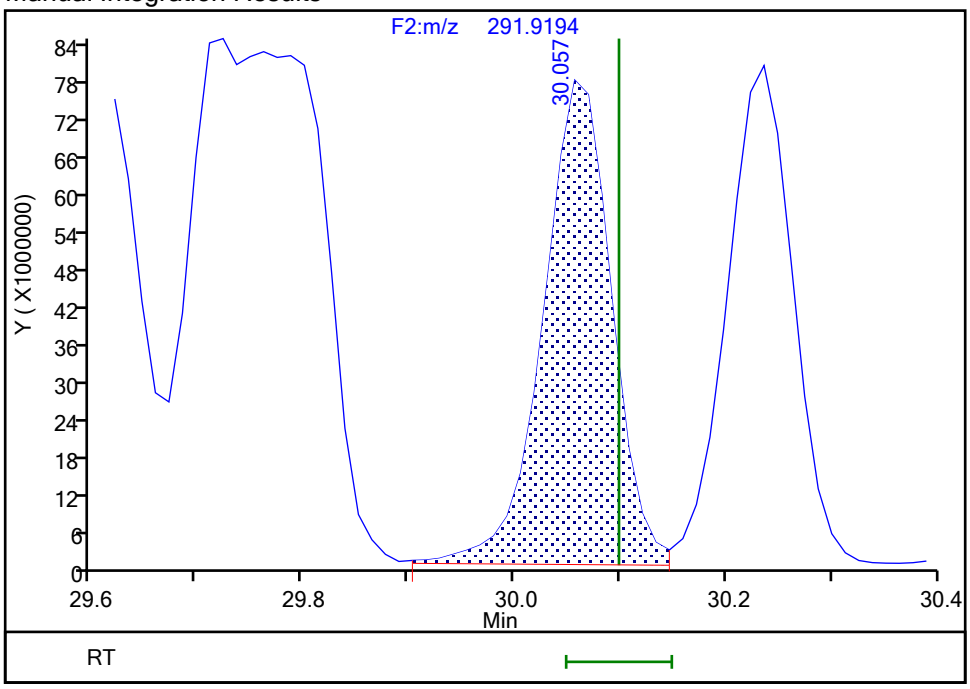
Processing Integration Results

RT: 30.06
Area: 352908251
Amount: 2250.5562
Amount Units: pg/ul



Manual Integration Results

RT: 30.06
Area: 349264839
Amount: 2239.8404
Amount Units: pg/ul



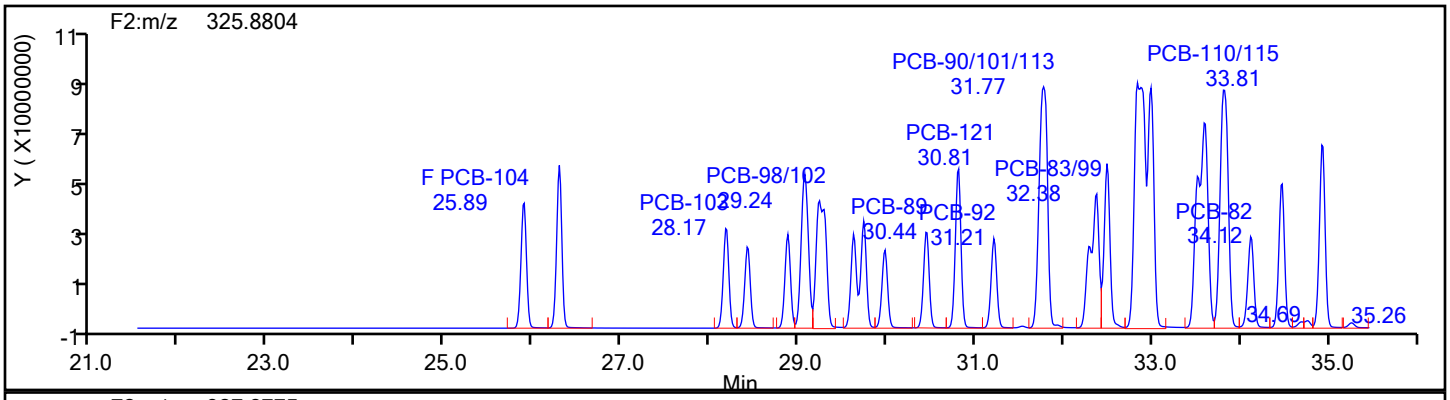
Reviewer: nordquistj, 08-Oct-2021 18:11:30
Audit Action: Manually Integrated Audit Reason: Split Peak

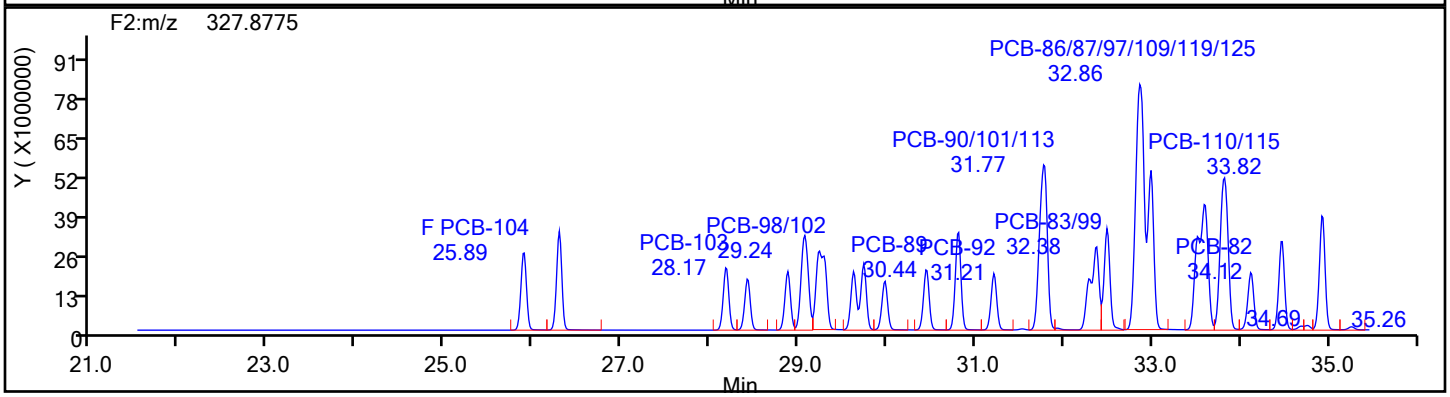
Report Date: 08-Oct-2021 19:11:34 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

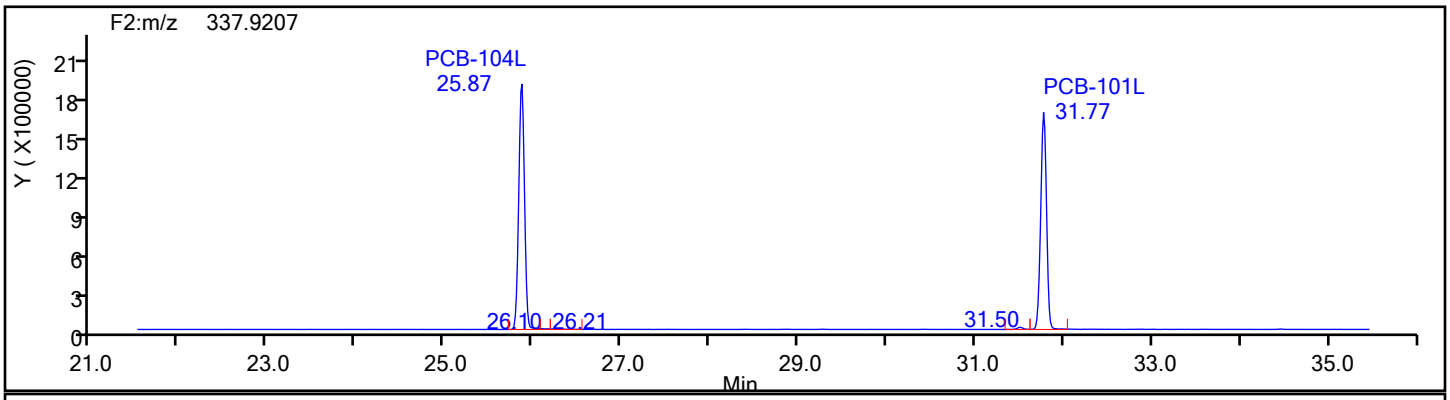
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

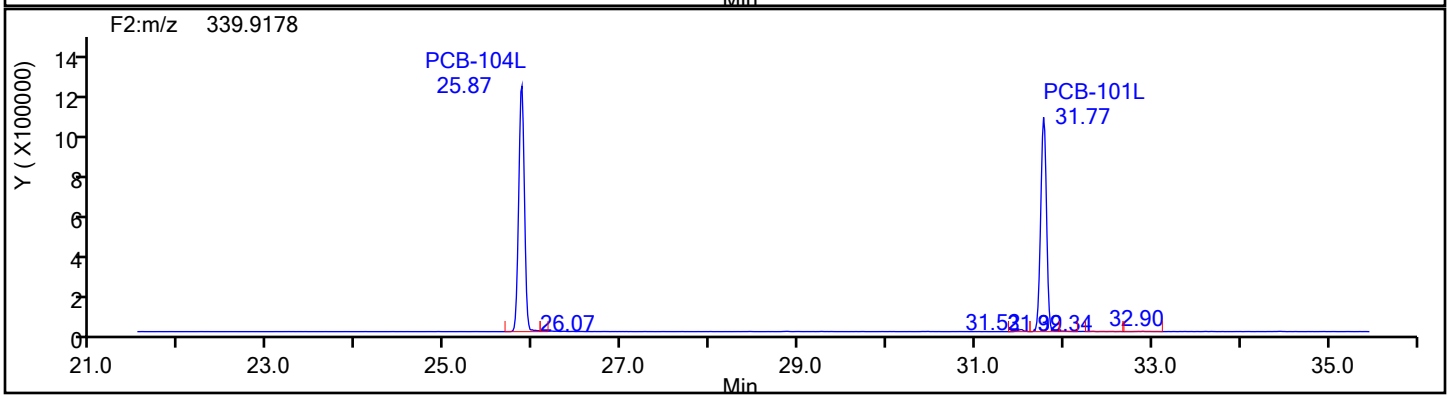
PePCB F2





PePCB F2 Standards



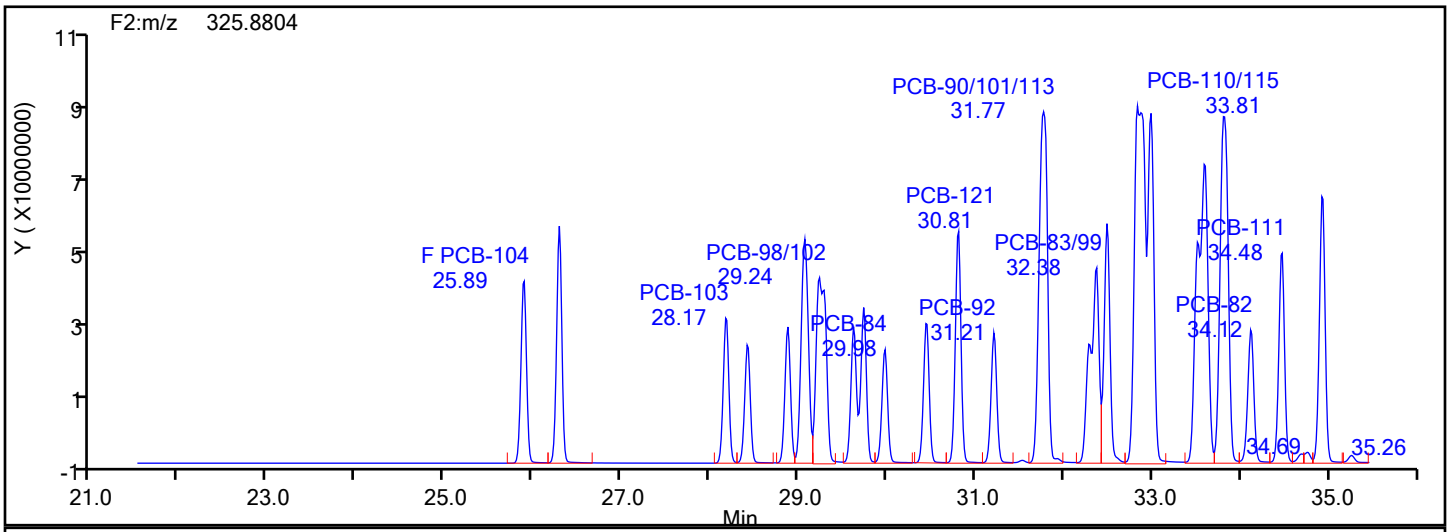


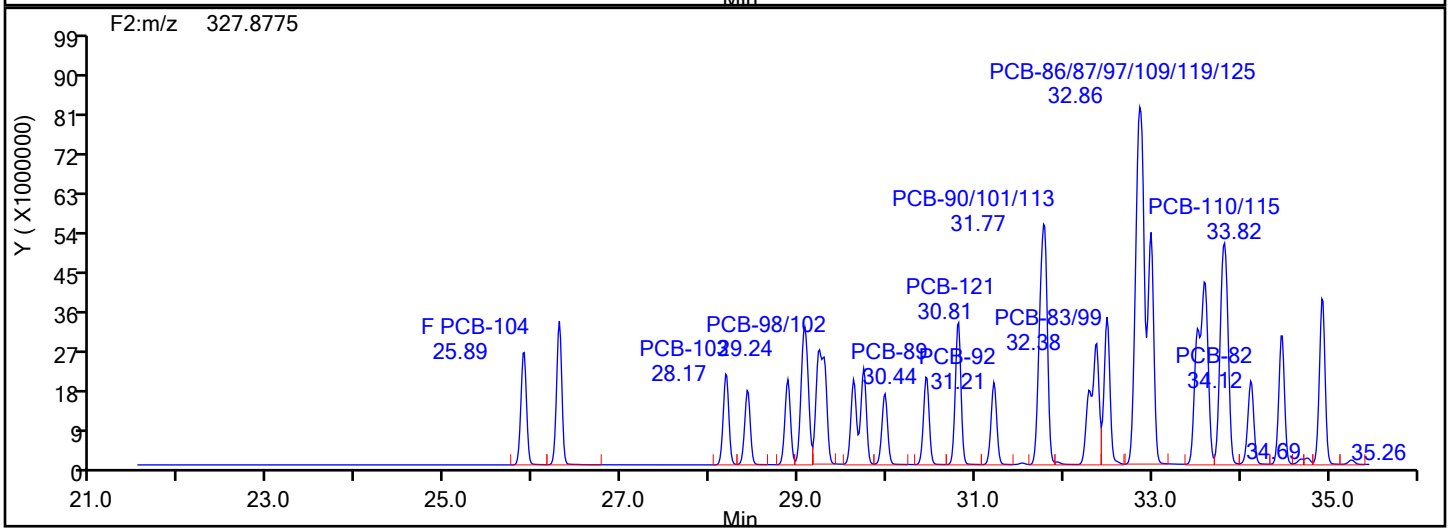
Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

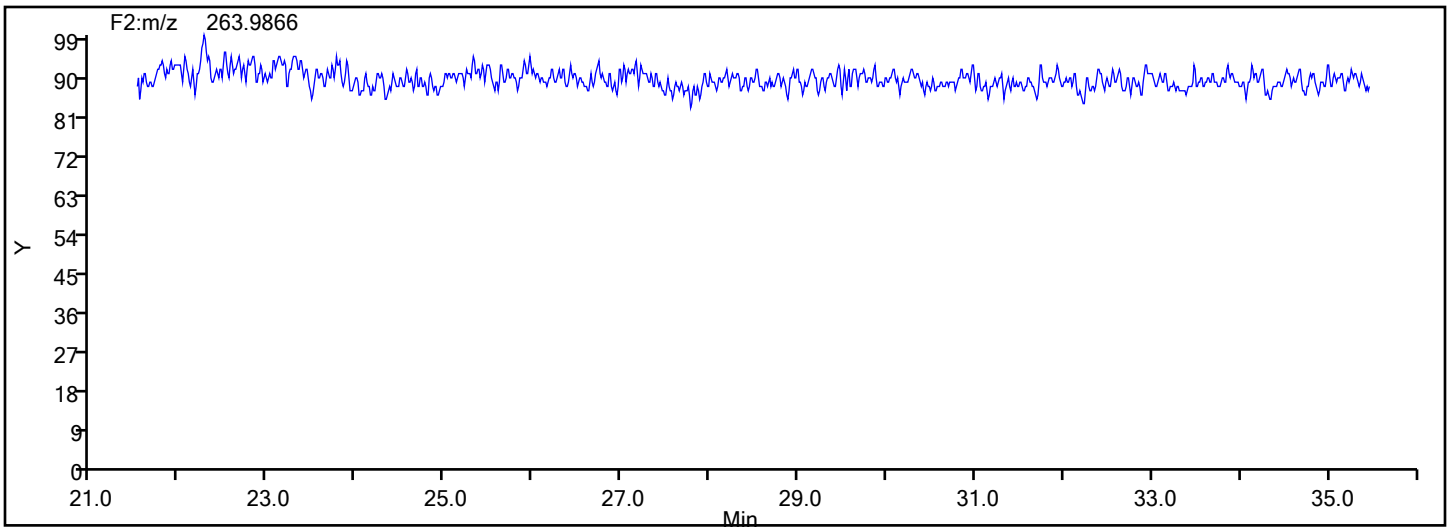
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

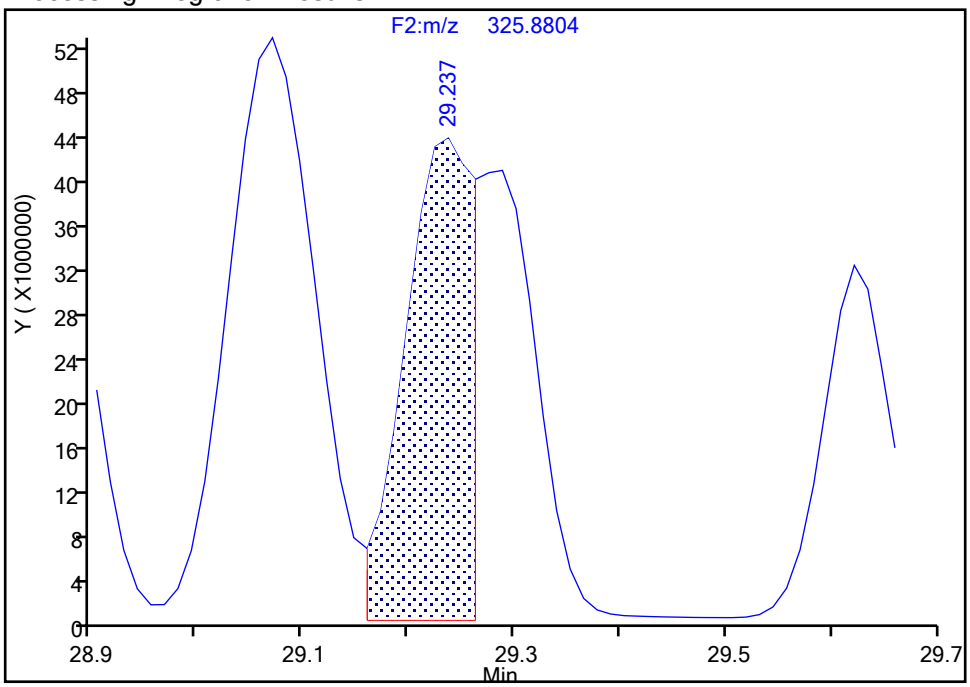
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 1

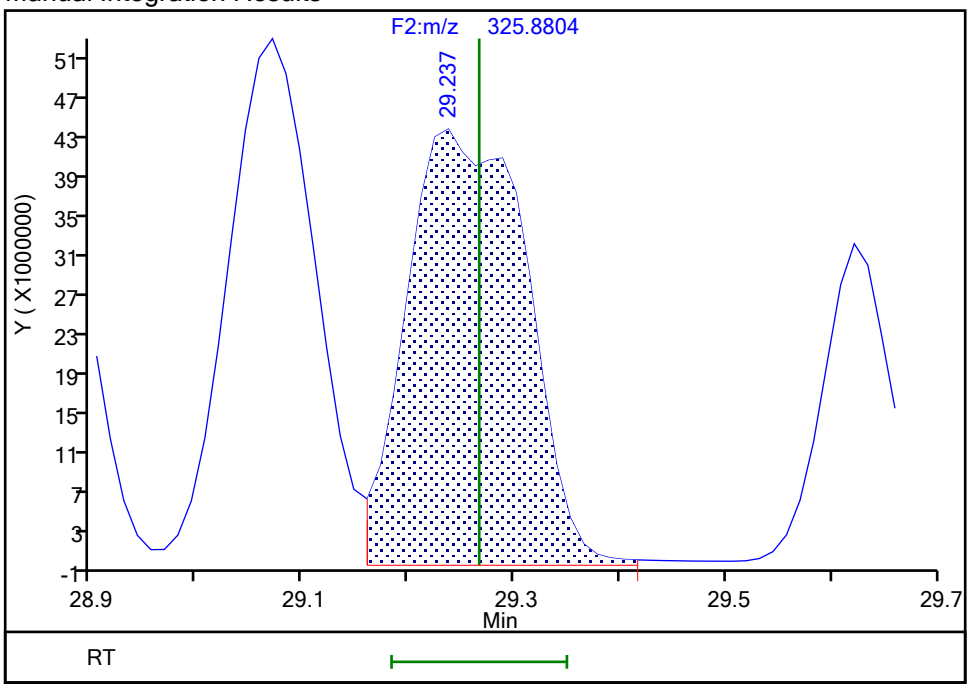
Processing Integration Results

RT: 29.24
Area: 185269272
Amount: 2539.0698
Amount Units: pg/ul



Manual Integration Results

RT: 29.24
Area: 344308616
Amount: 4295.3820
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:12:14
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

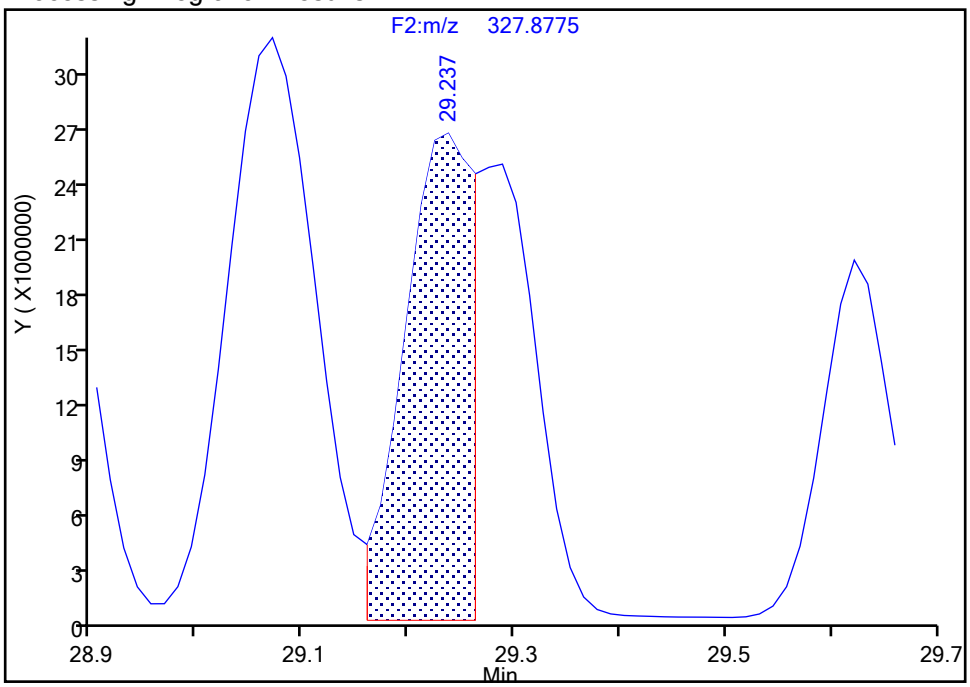
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 2

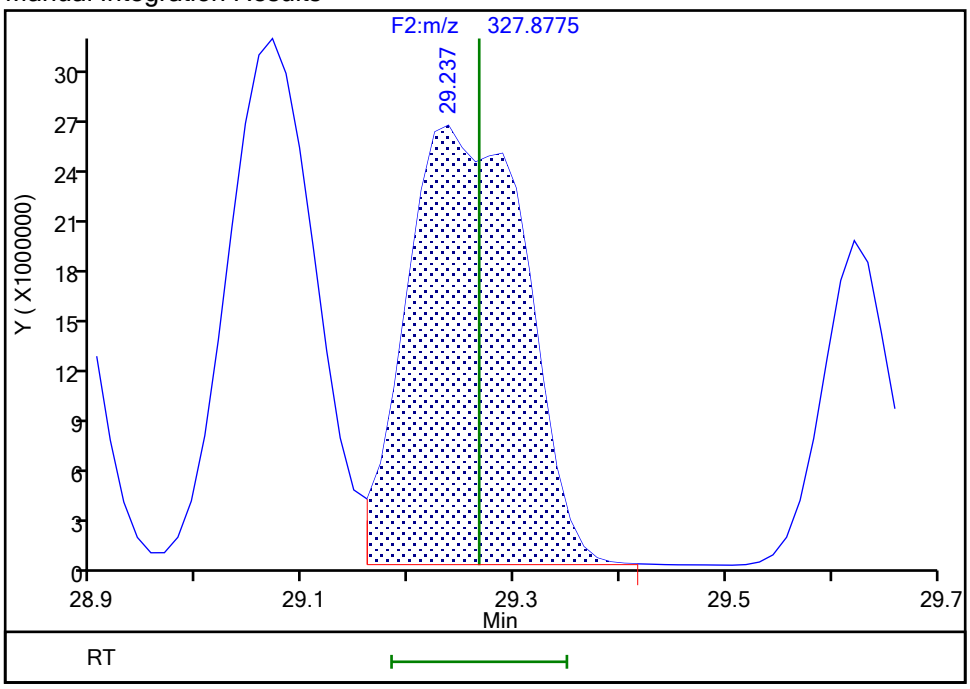
Processing Integration Results

RT: 29.24
Area: 113925500
Amount: 2539.0698
Amount Units: pg/ul



Manual Integration Results

RT: 29.24
Area: 206957965
Amount: 4295.3820
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:12:26
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

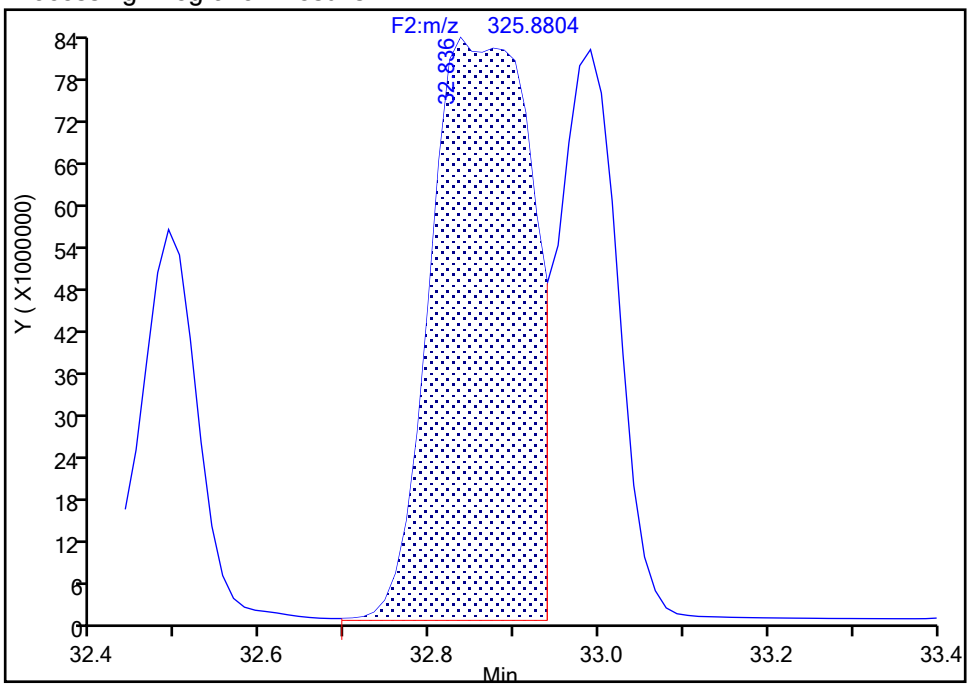
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

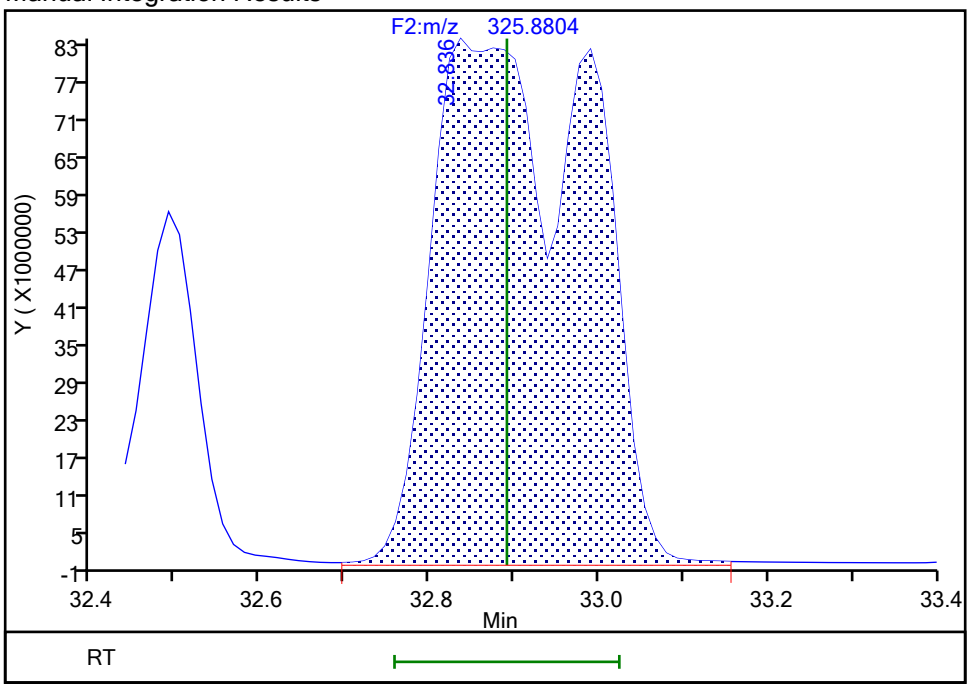
Processing Integration Results

RT: 32.84
Area: 685142334
Amount: 9106.7128
Amount Units: pg/ul



Manual Integration Results

RT: 32.84
Area: 1089009587
Amount: 13040
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:12:45

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

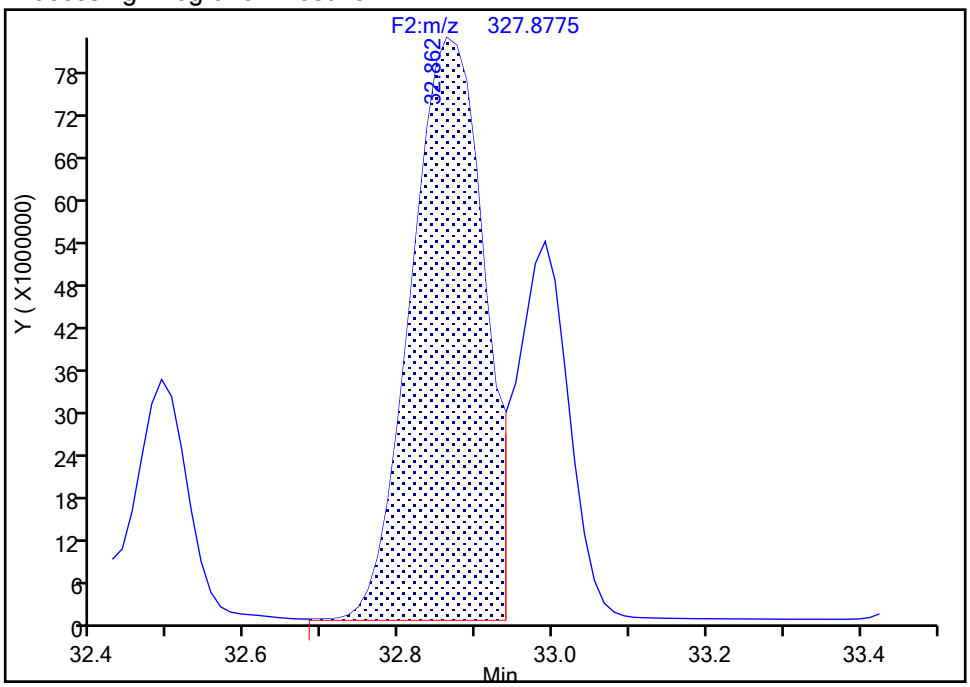
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

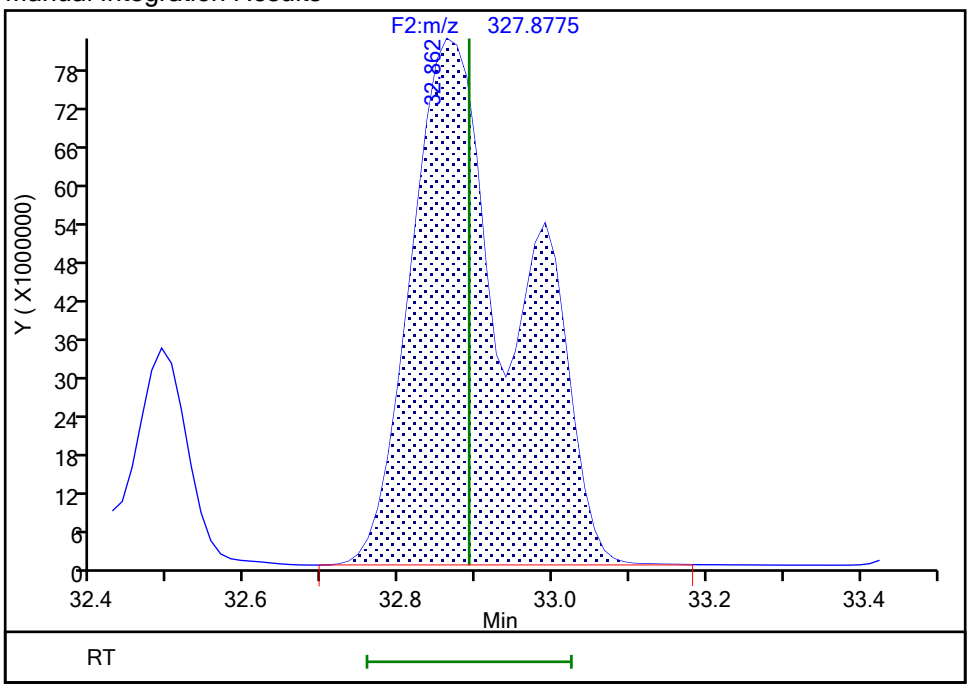
Processing Integration Results

RT: 32.86
Area: 541820438
Amount: 9106.7128
Amount Units: pg/ul



Manual Integration Results

RT: 32.86
Area: 785034060
Amount: 13040
Amount Units: pg/ul



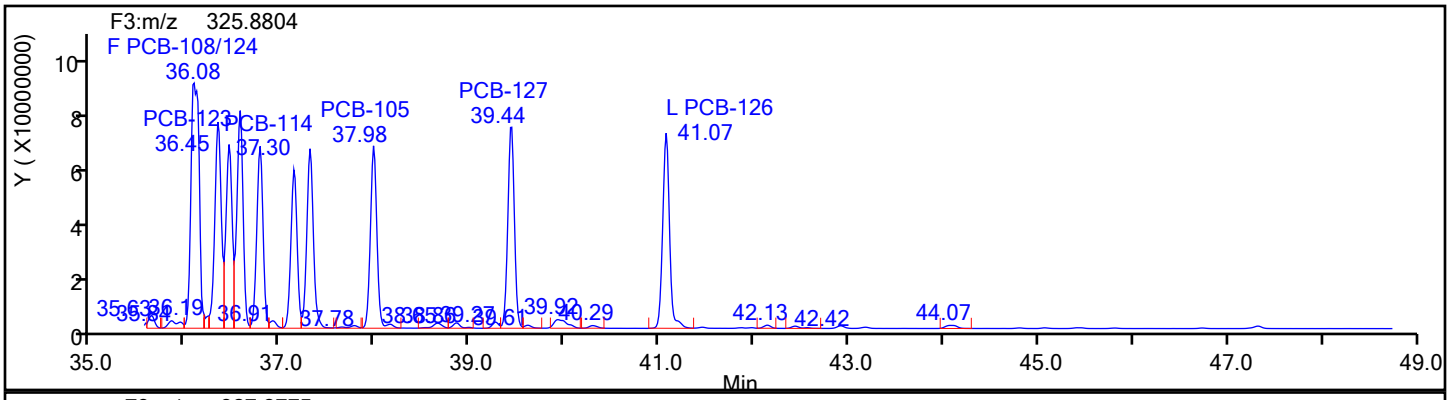
Reviewer: nordquistj, 08-Oct-2021 18:12:52
Audit Action: Manually Integrated Audit Reason: Split Peak

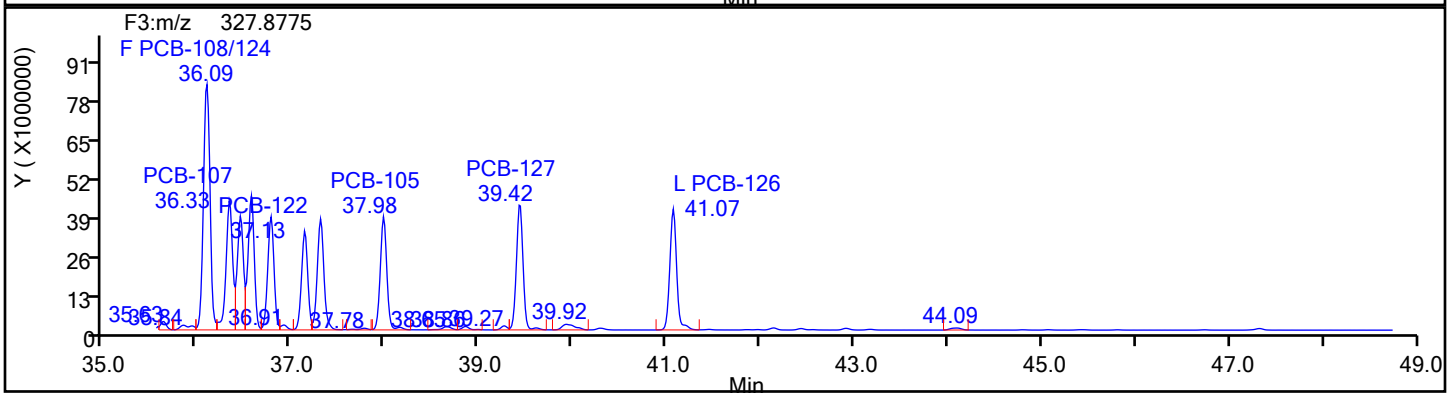
Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

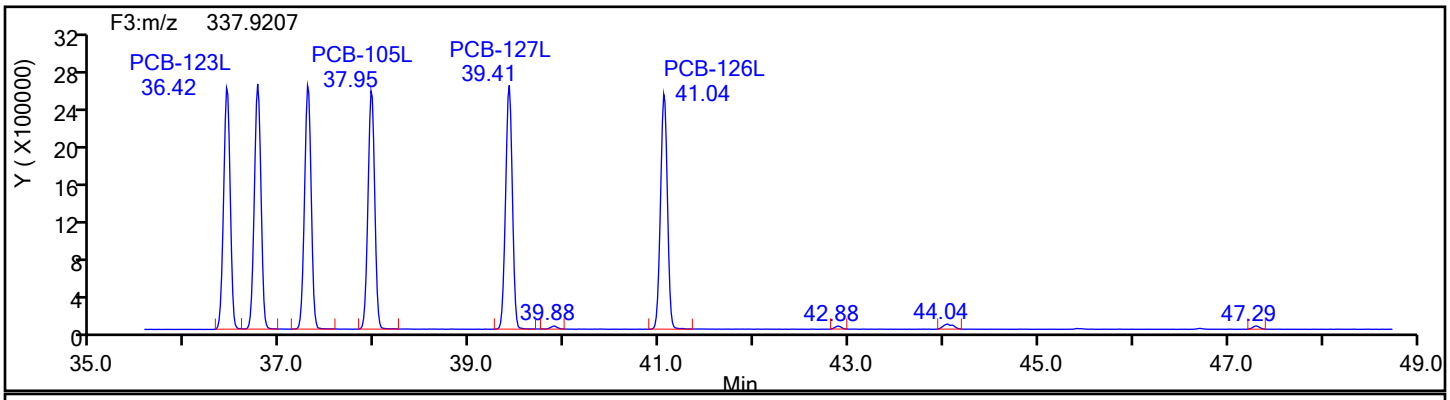
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

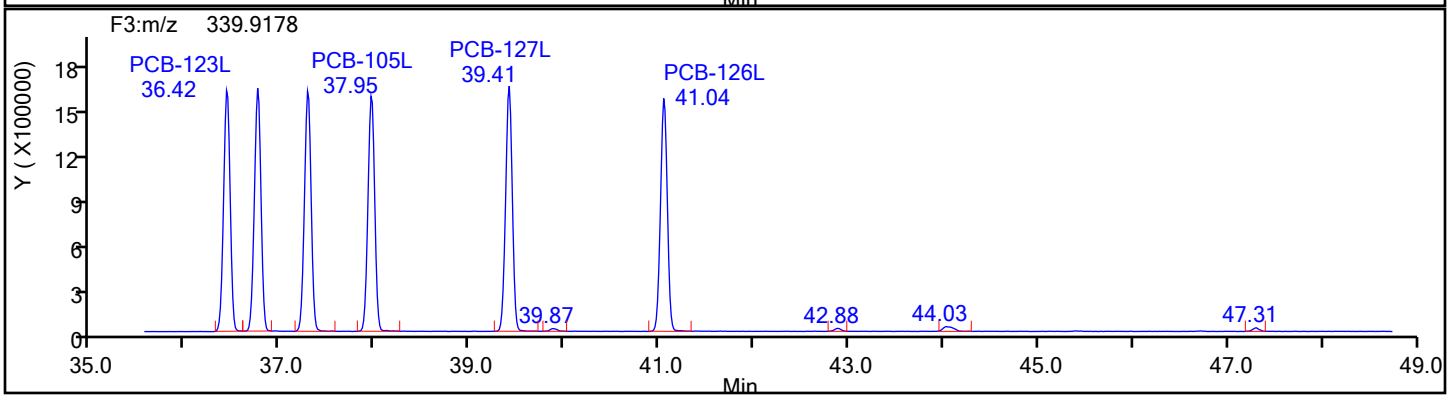
PePCB F3





PePCB F3 Standards



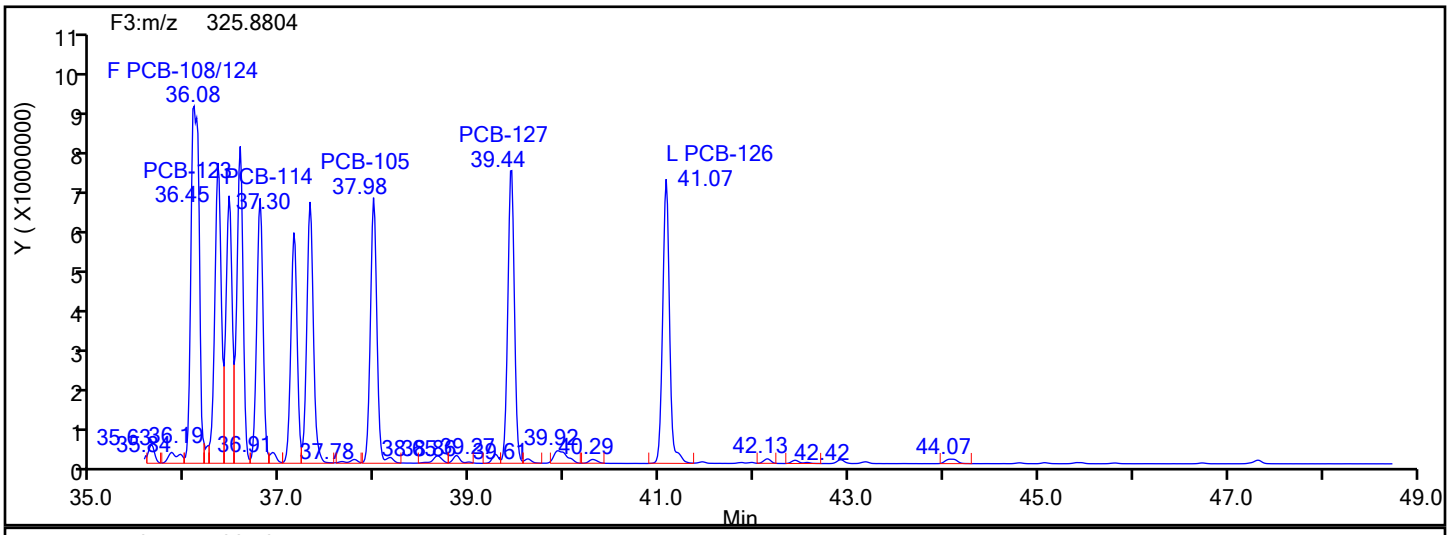


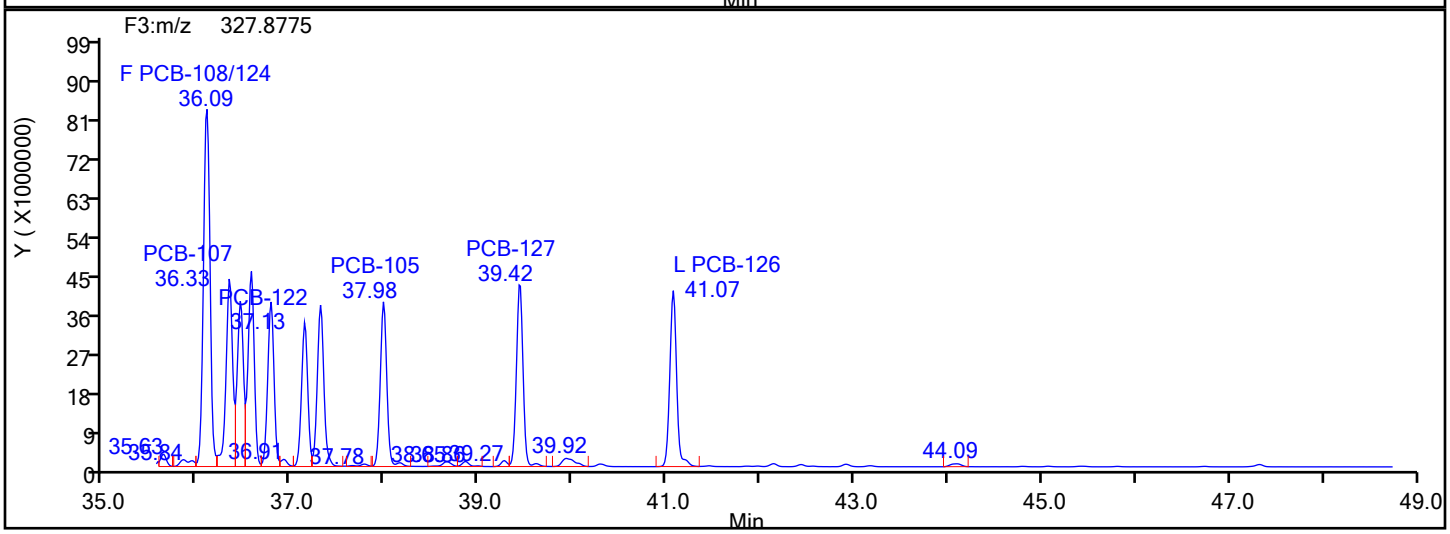
Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

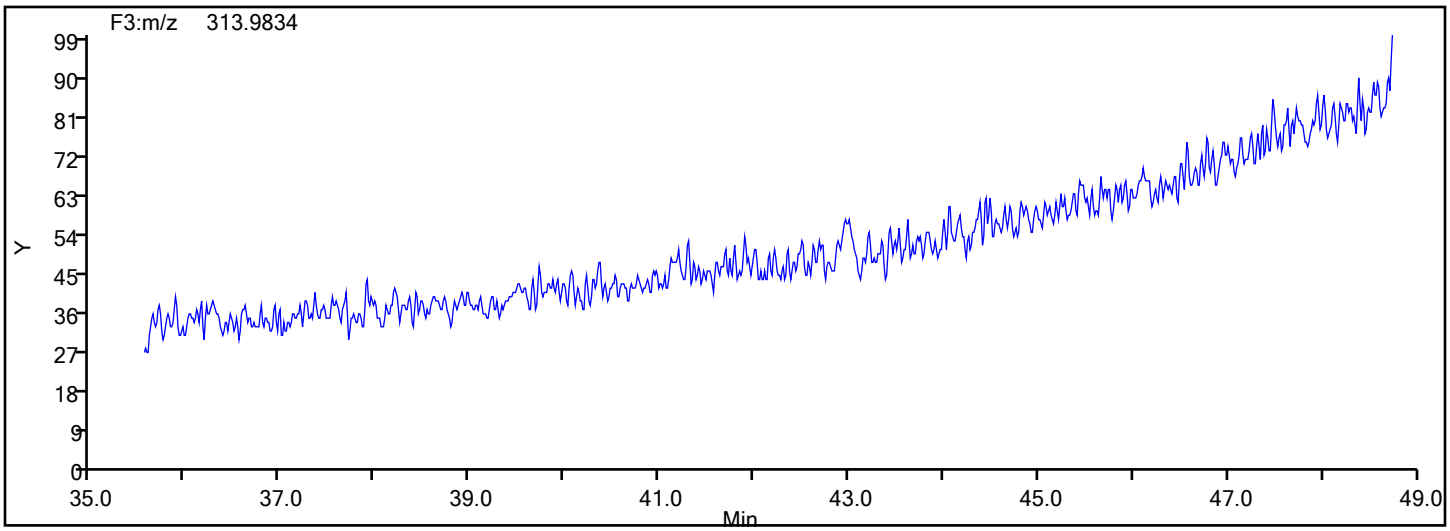
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



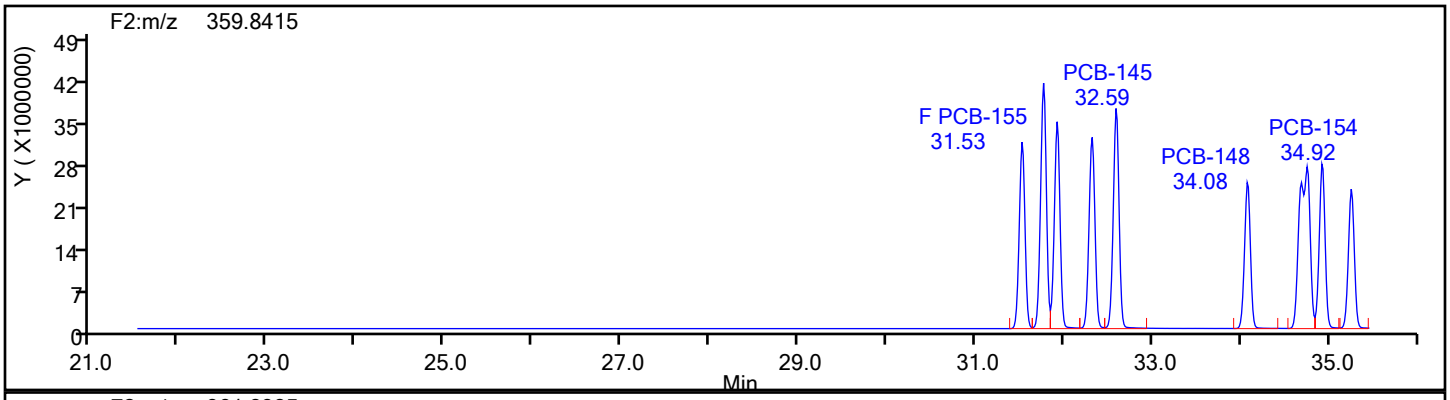
Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

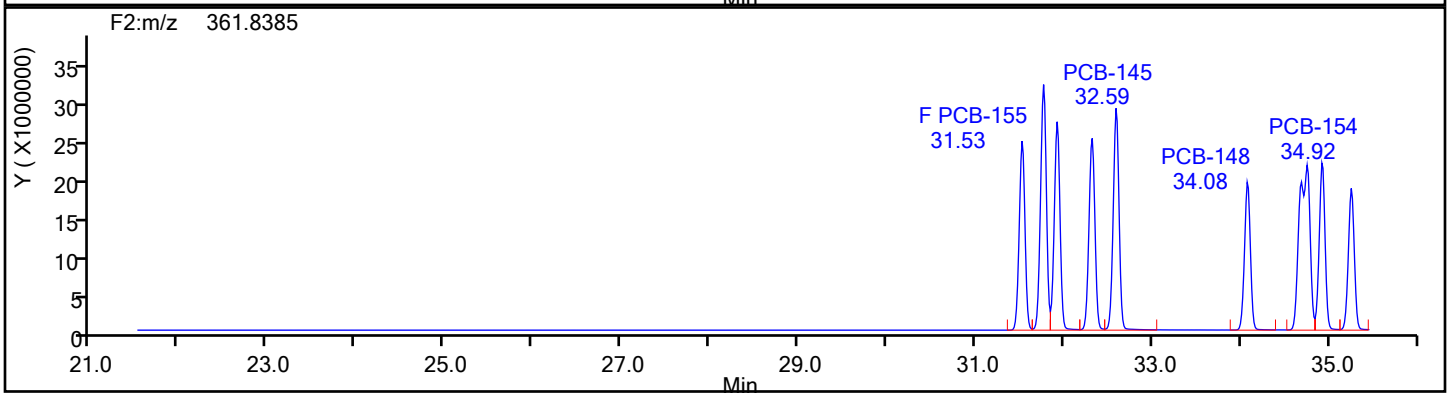
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

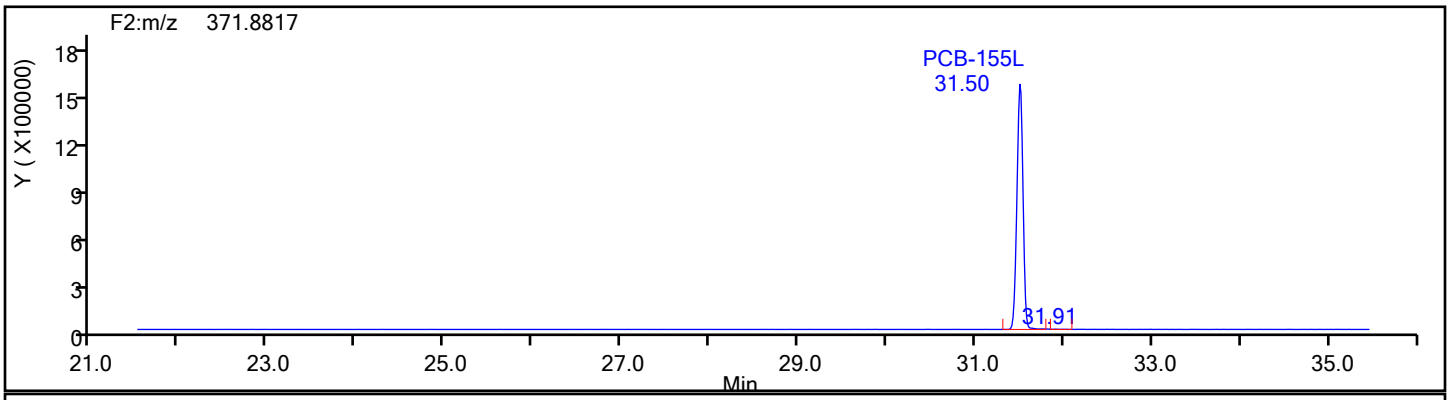
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

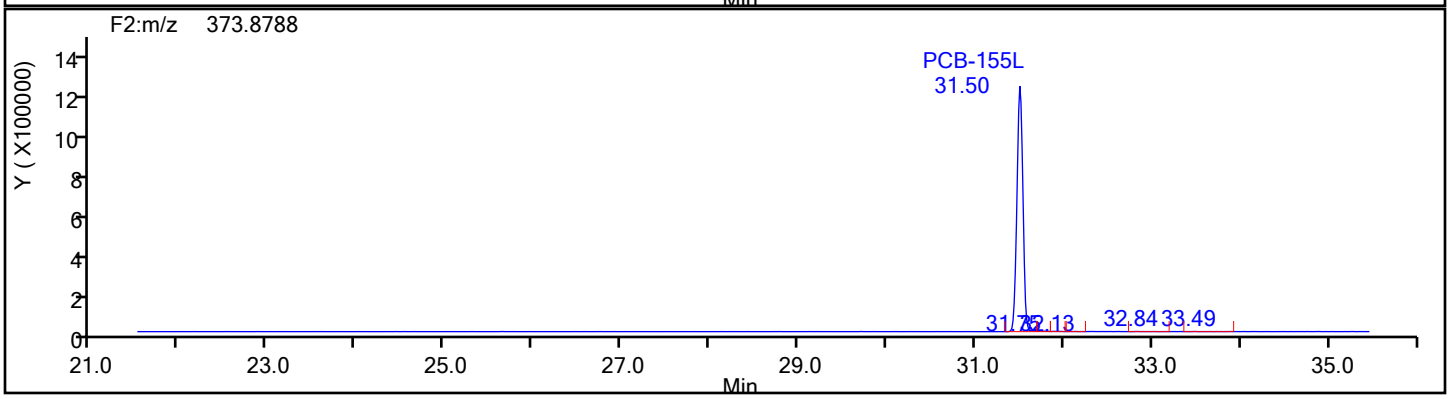
HxPCB F2





HxPCB F2 Standards



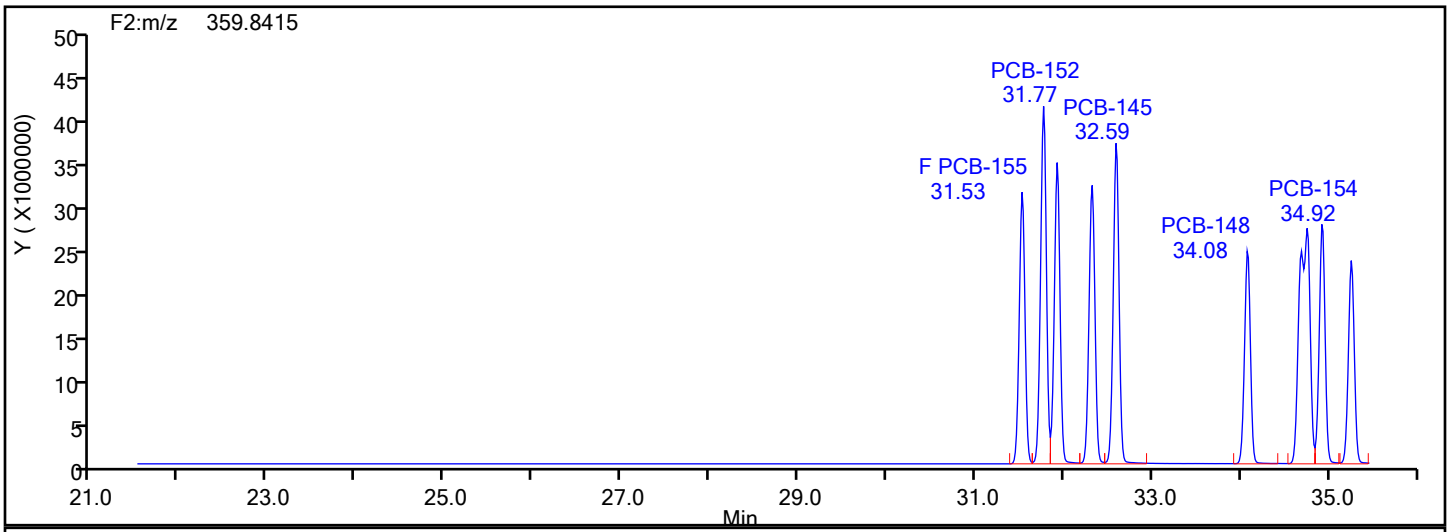


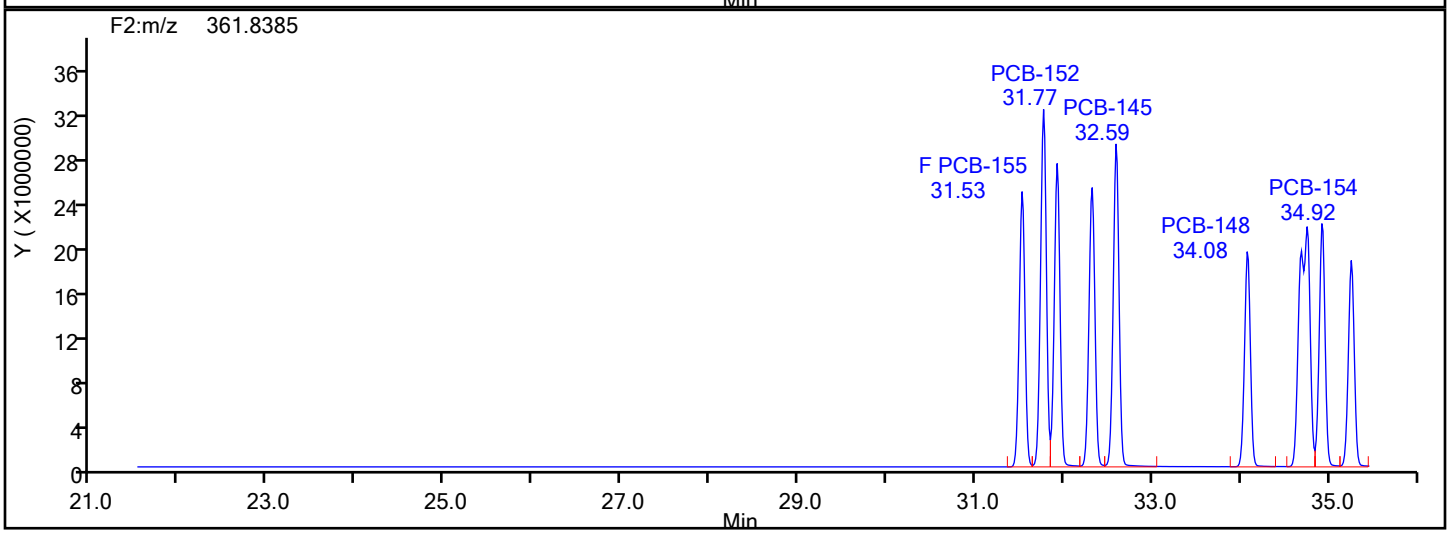
Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

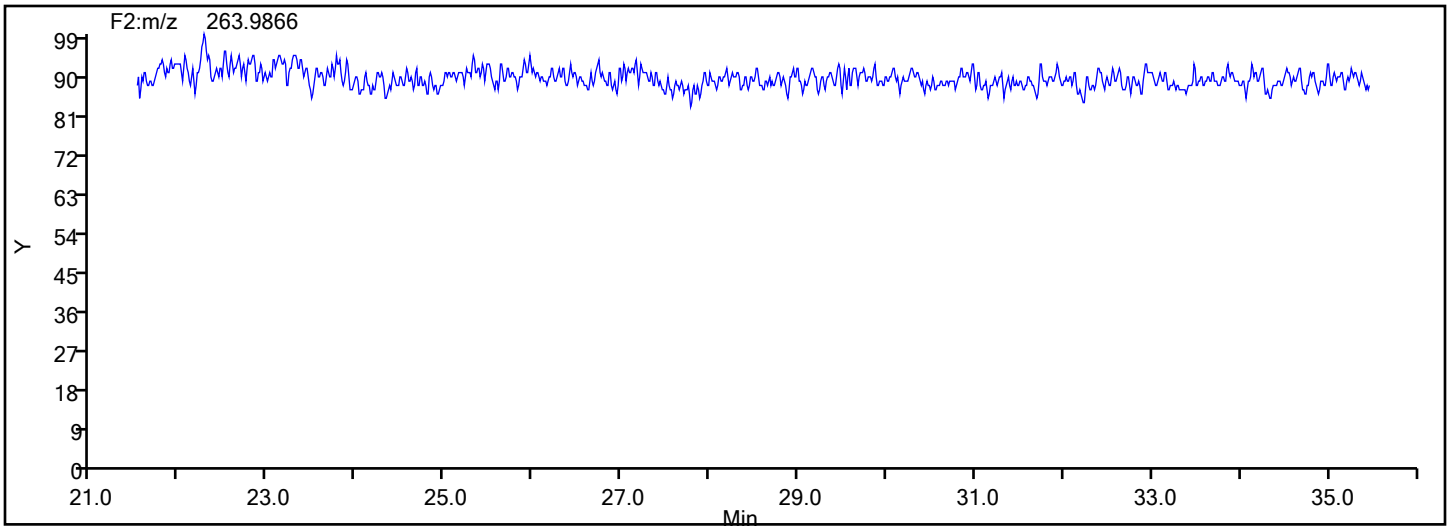
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass

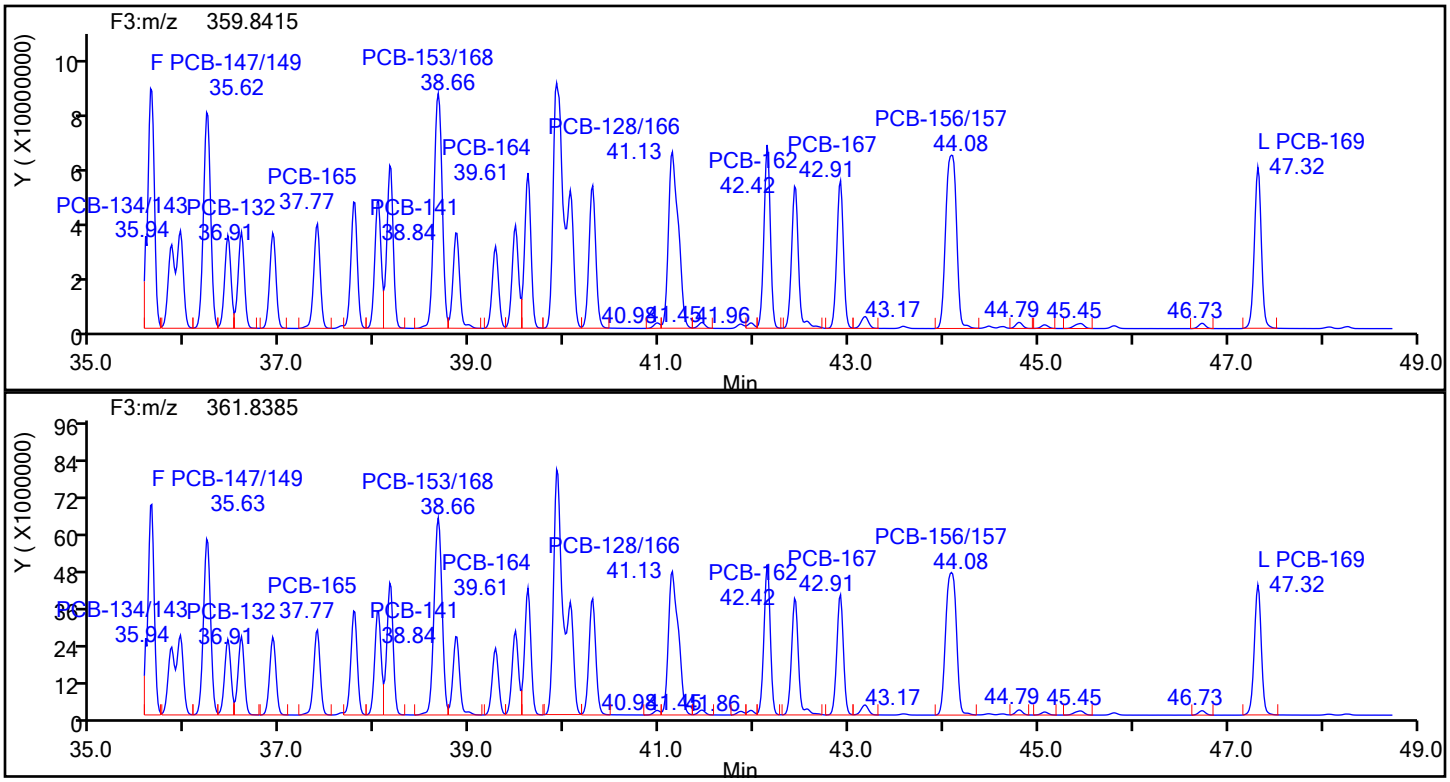


Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

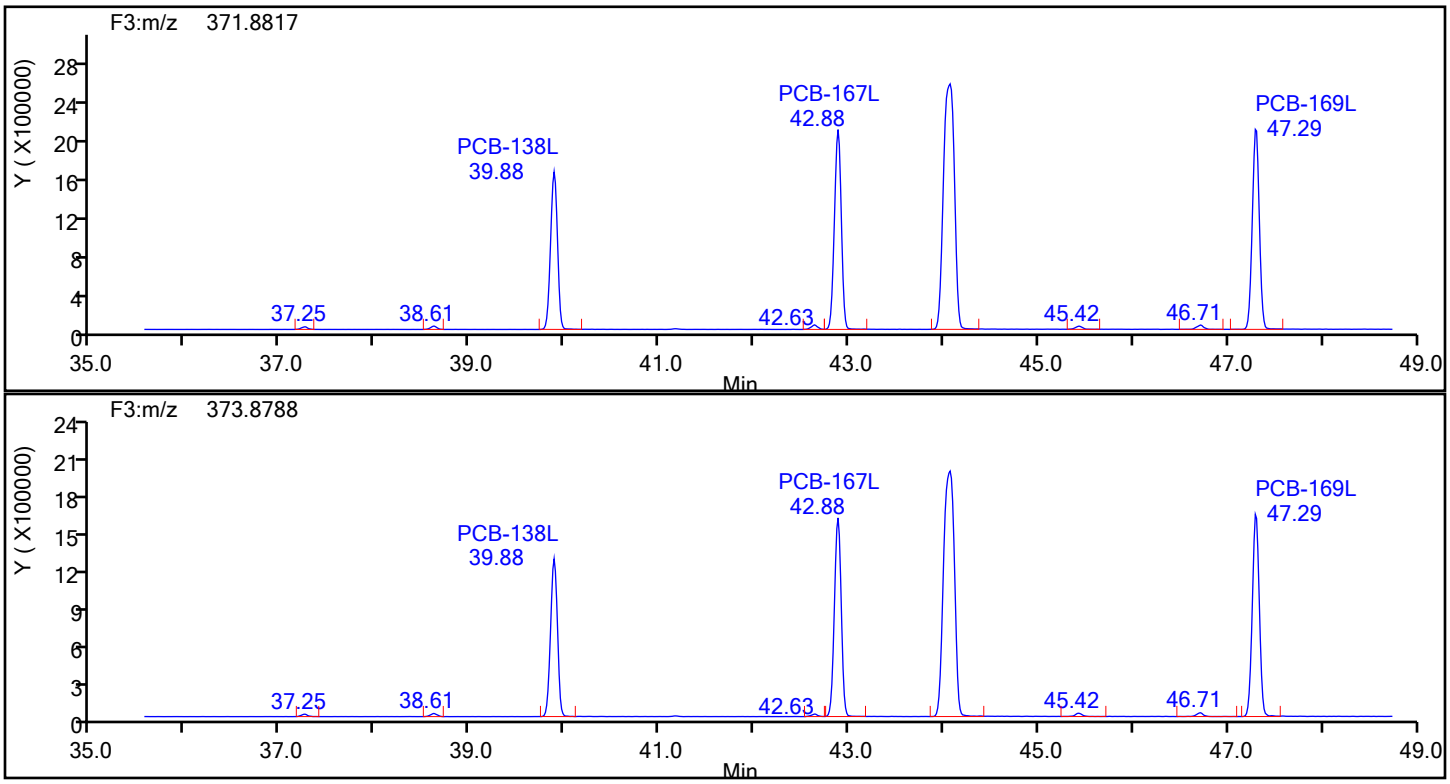
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

HxPCB F3



HxPCB F3 Standards

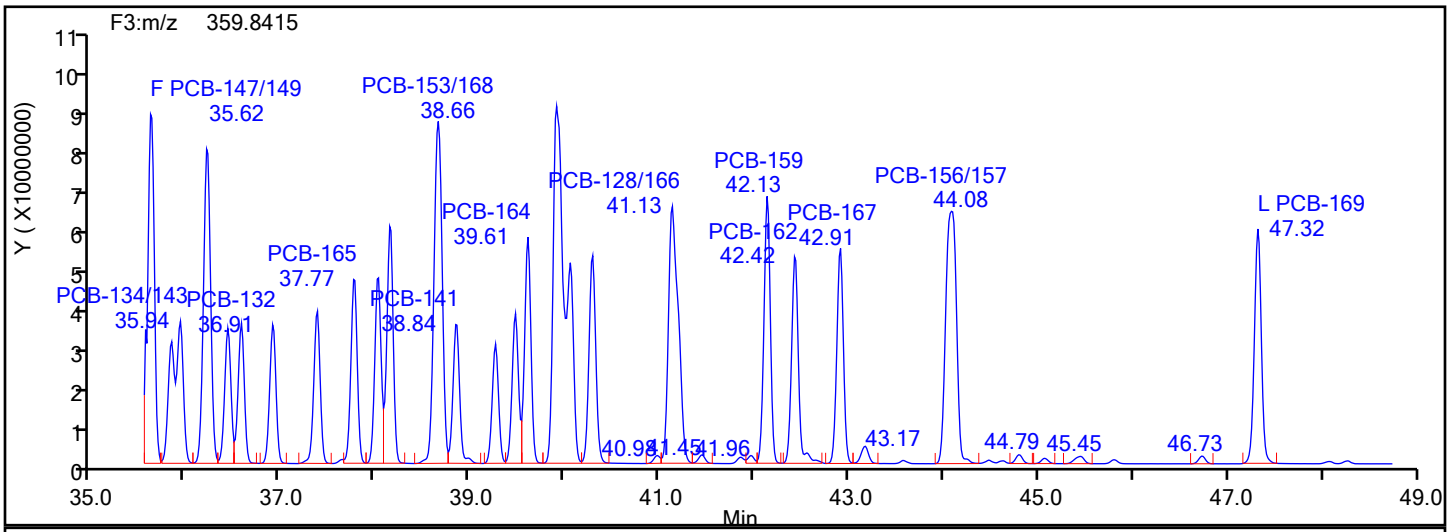


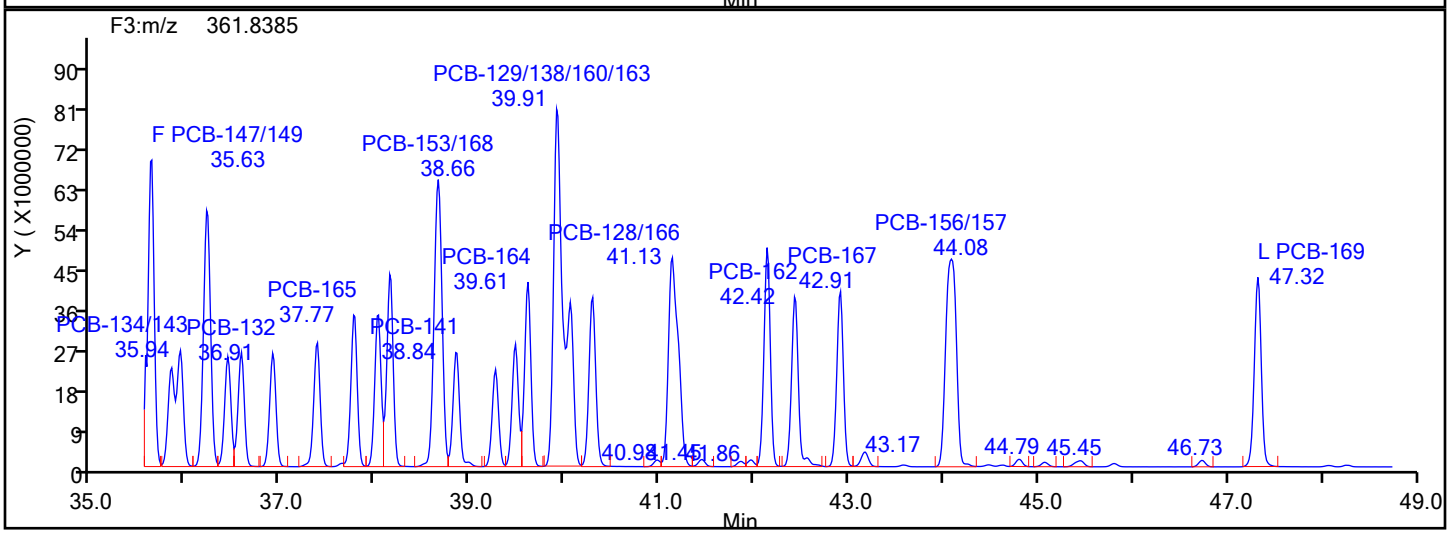
Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

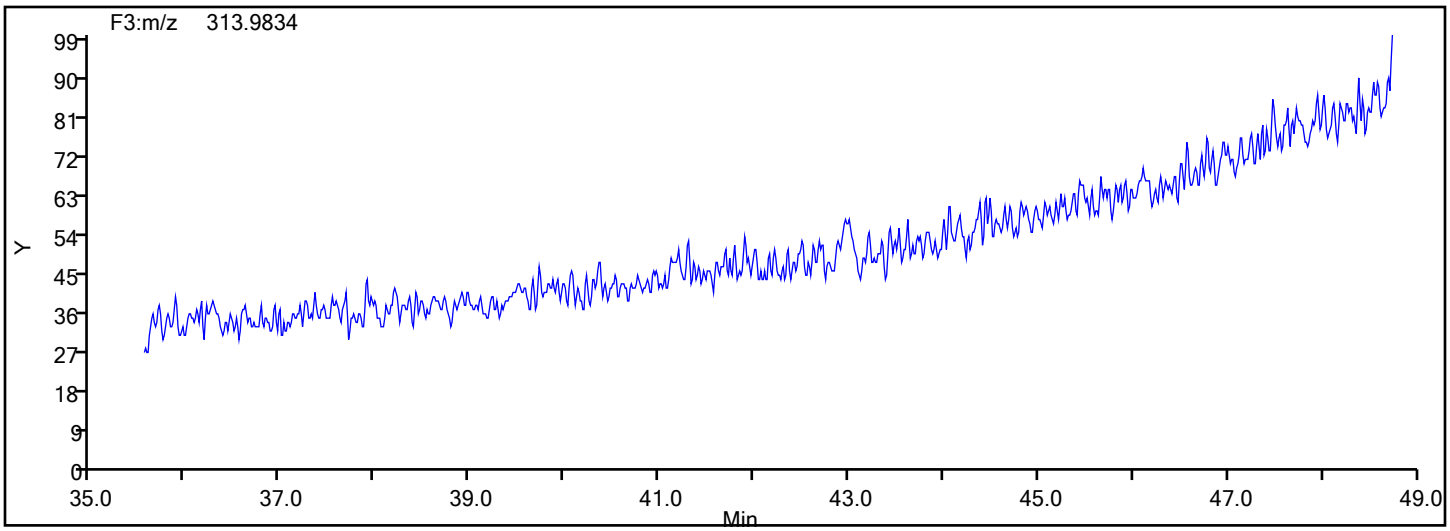
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

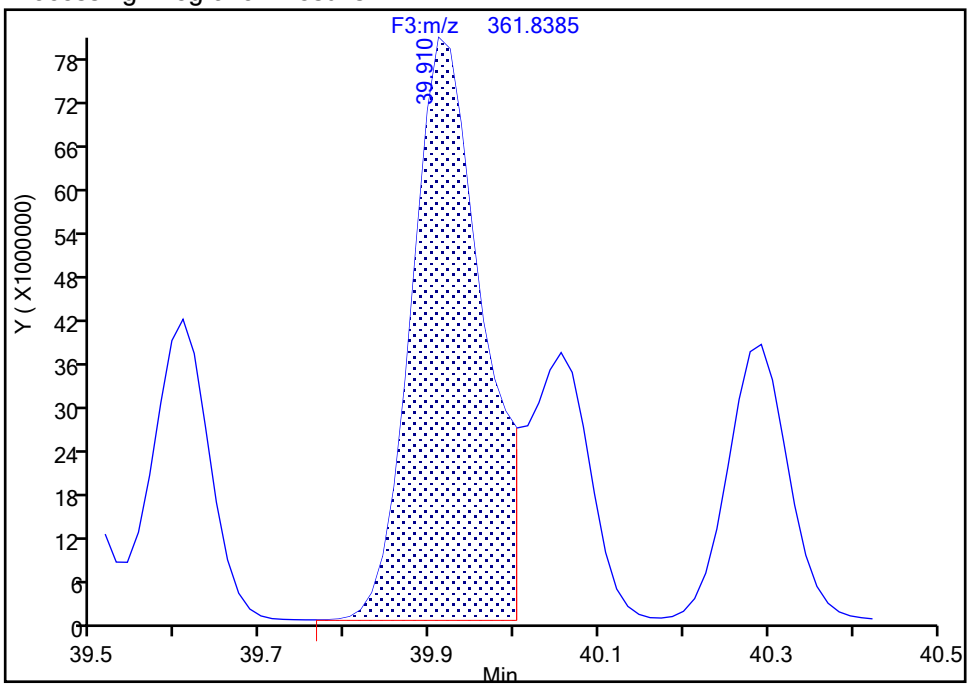
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-129/138/160/163, CAS: STL02296

Signal: 2

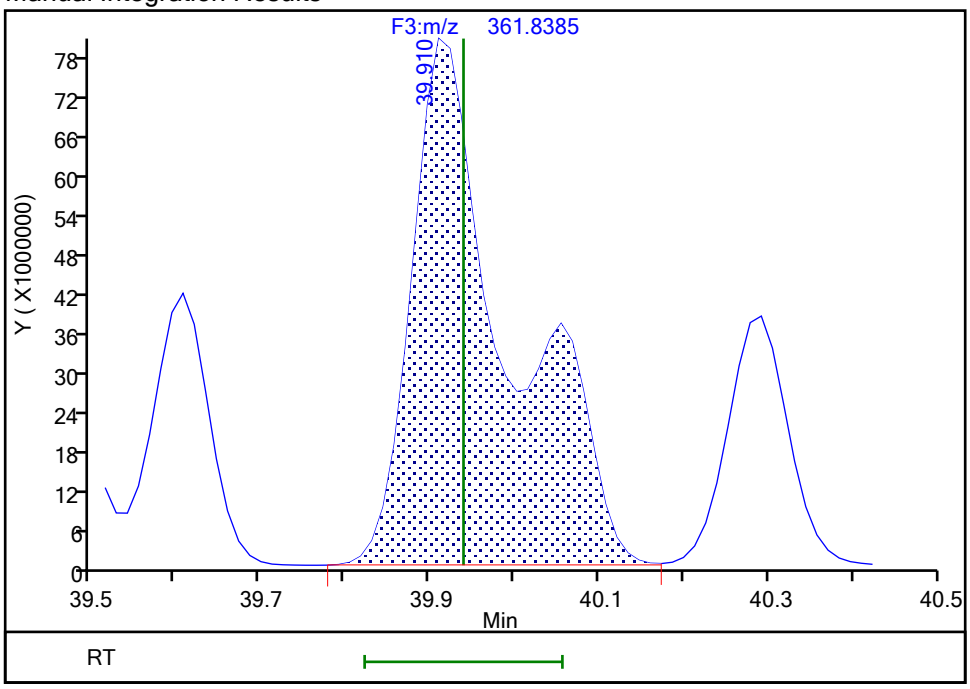
Processing Integration Results

RT: 39.91
Area: 465214715
Amount: 7935.7537
Amount Units: pg/ul



Manual Integration Results

RT: 39.91
Area: 649628873
Amount: 8887.7574
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:13:34

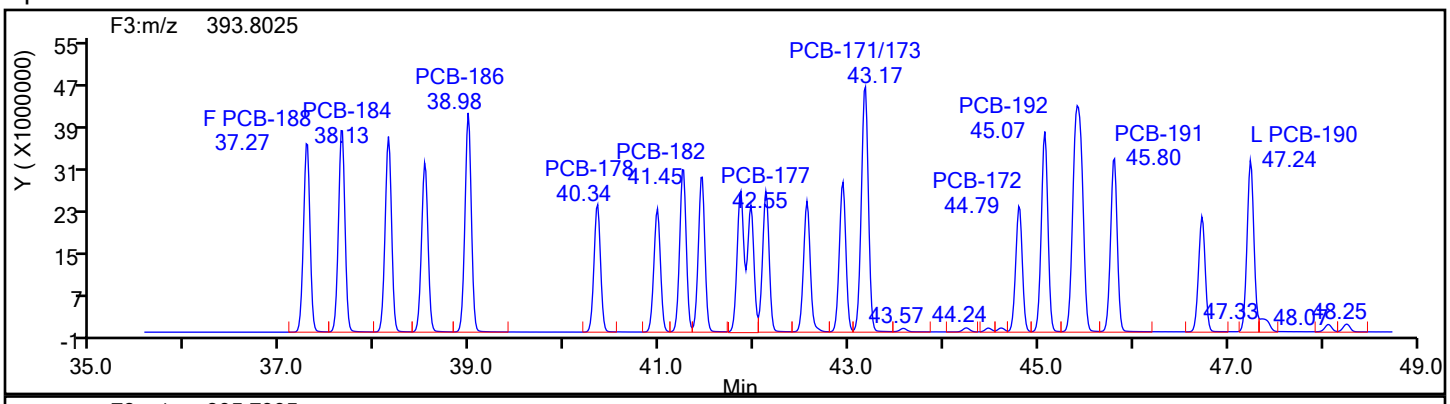
Audit Action: Manually Integrated Audit Reason: Split Peak

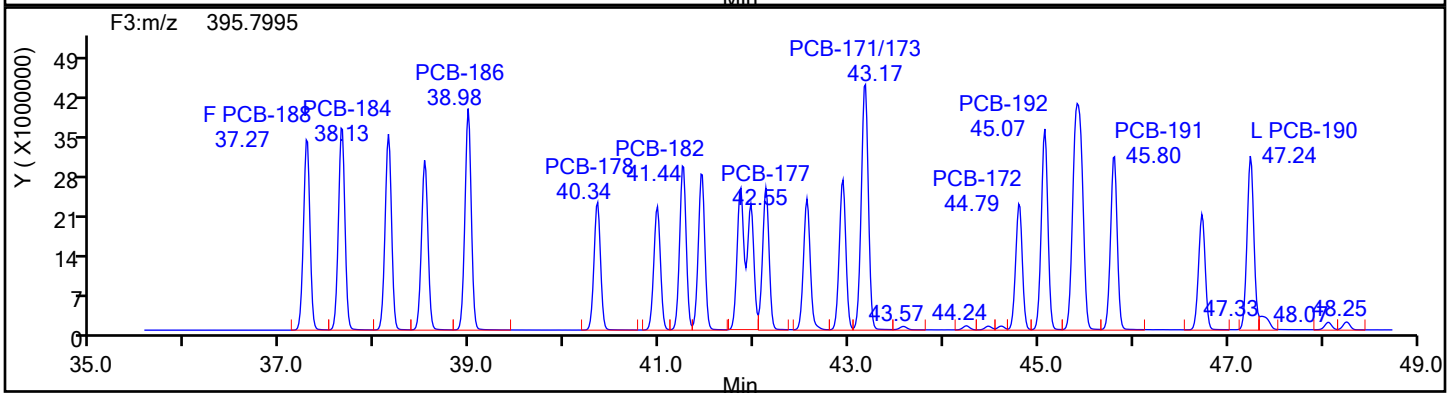
Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

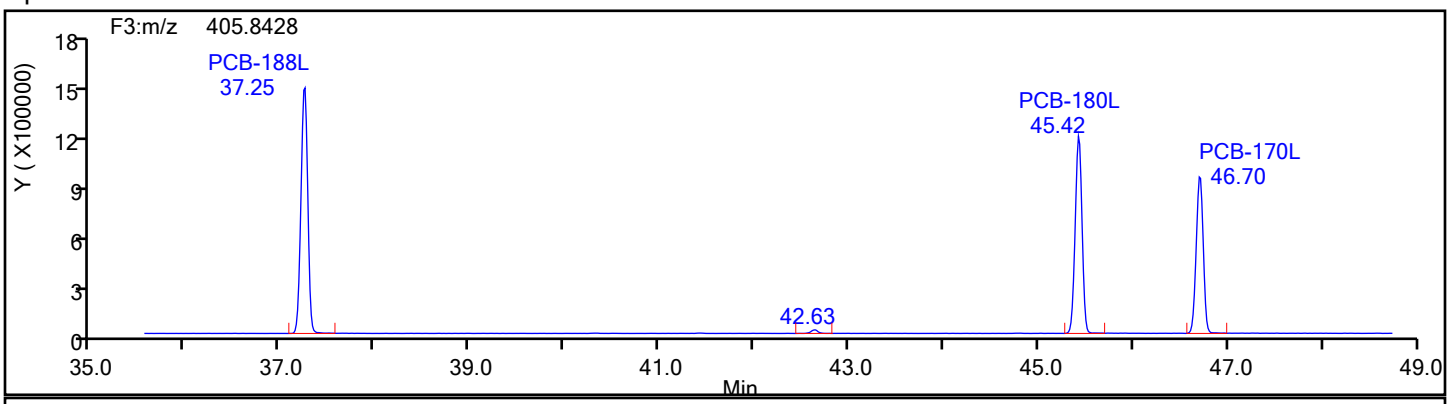
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

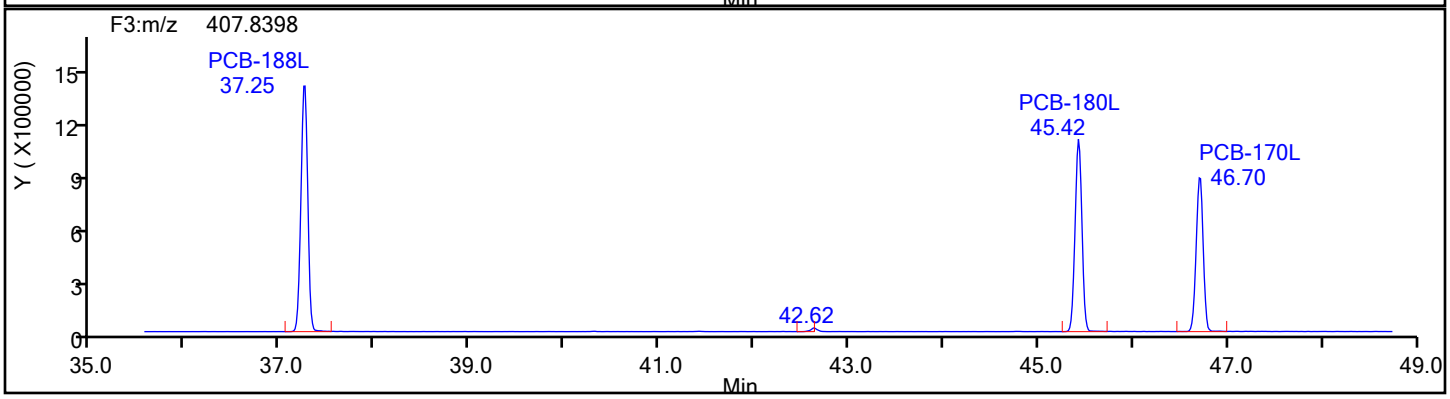
HpPCB F3





HpPCB F3 Standards



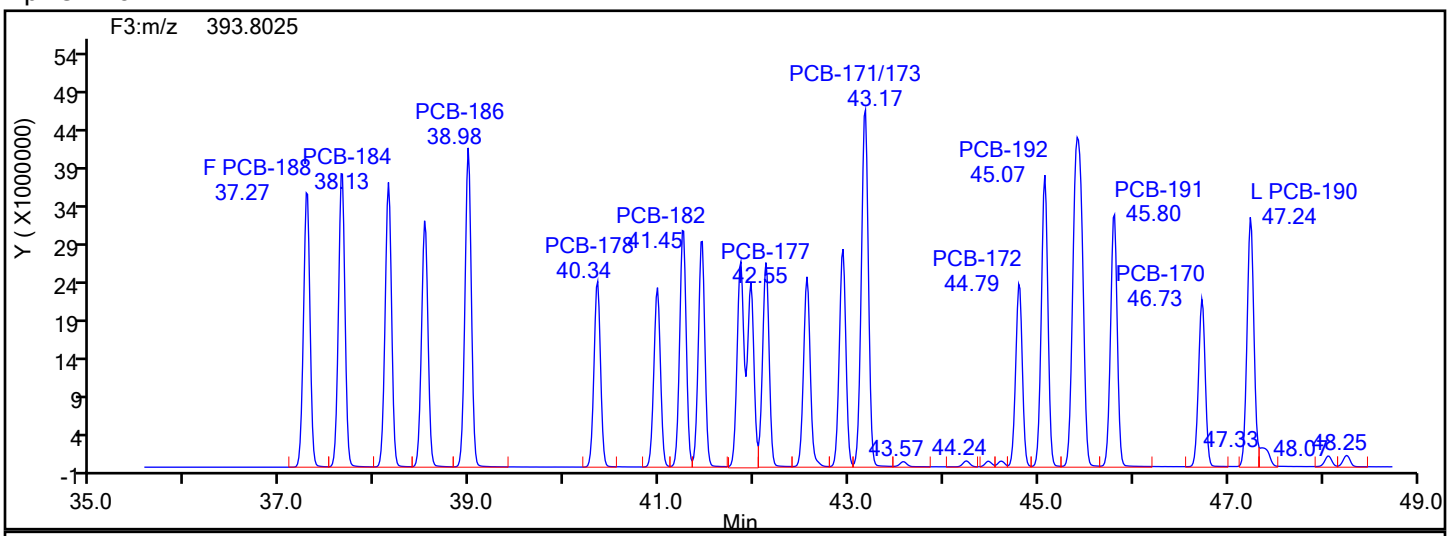


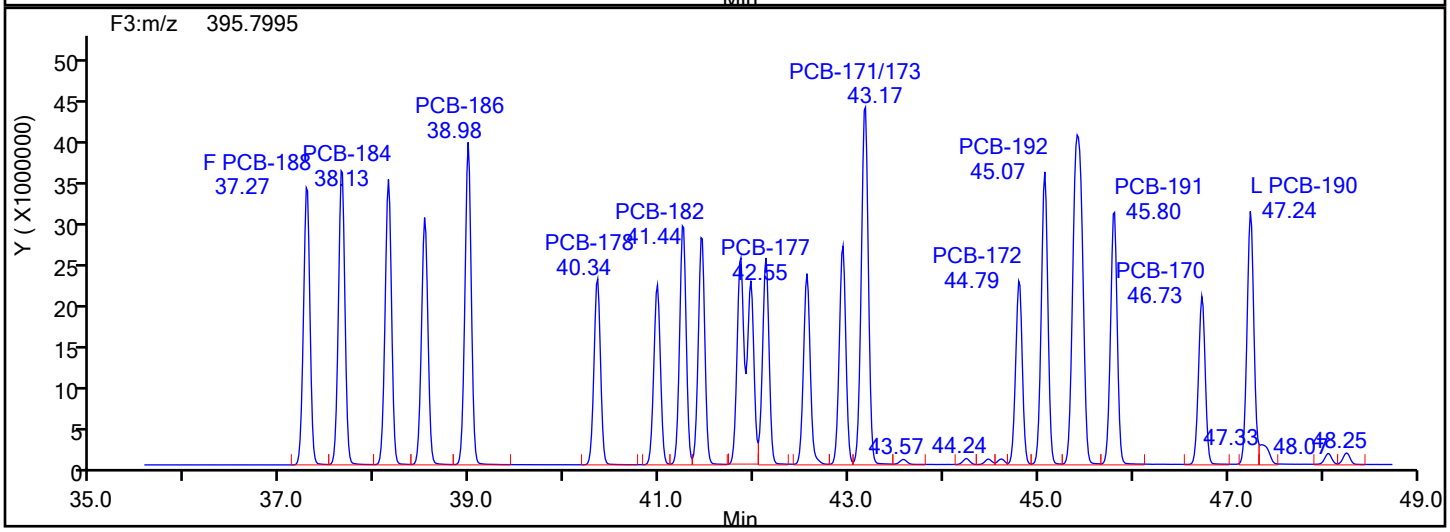
Report Date: 08-Oct-2021 19:11:35 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

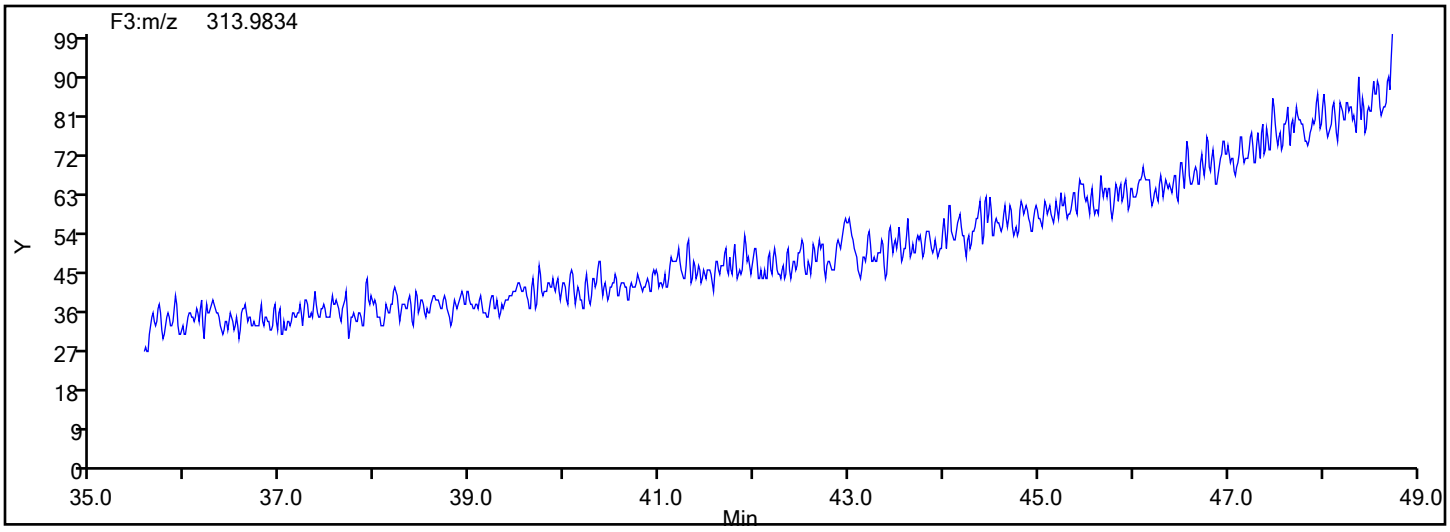
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

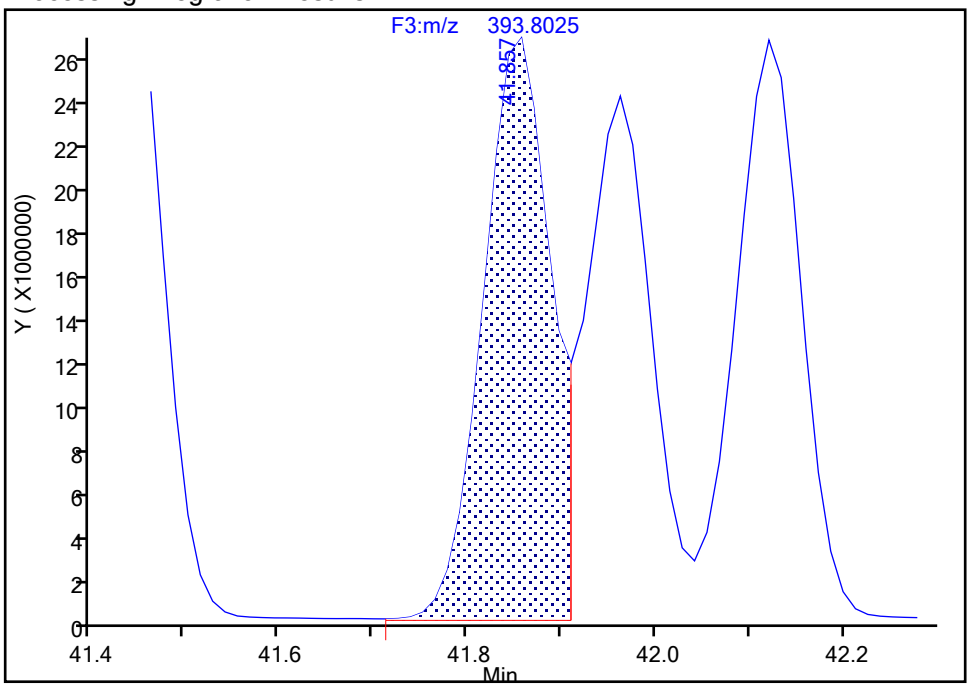
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Injection Date:	08-Oct-2021 16:58:00	Instrument ID:	D2D		
Lims ID:	IC L6				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

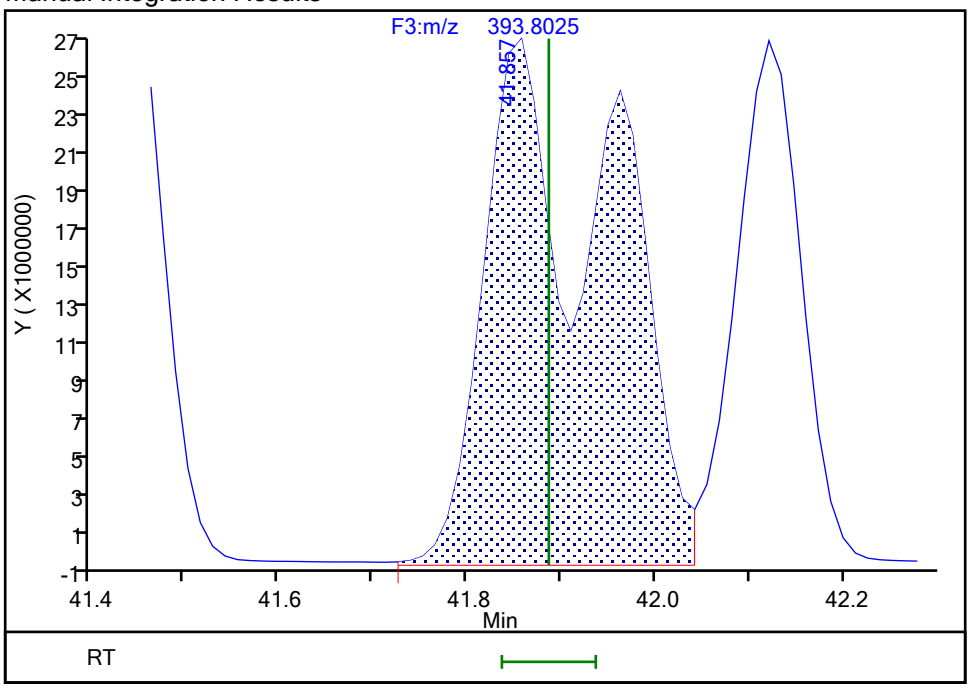
Processing Integration Results

RT: 41.86
Area: 132055454
Amount: 2389.8103
Amount Units: pg/ul



Manual Integration Results

RT: 41.86
Area: 246198306
Amount: 4070.1960
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:13:56

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

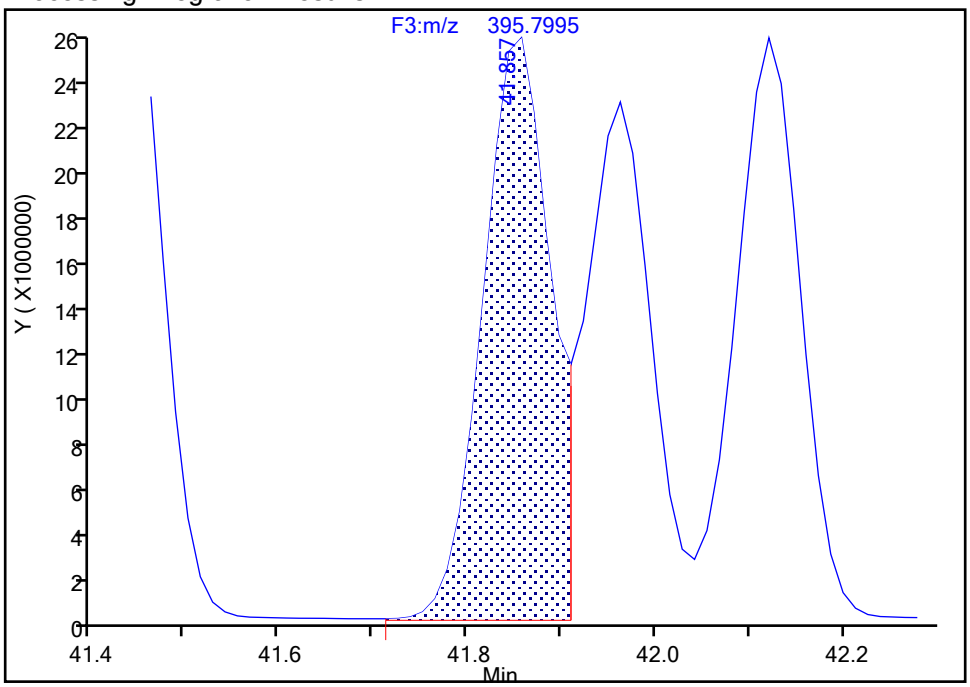
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

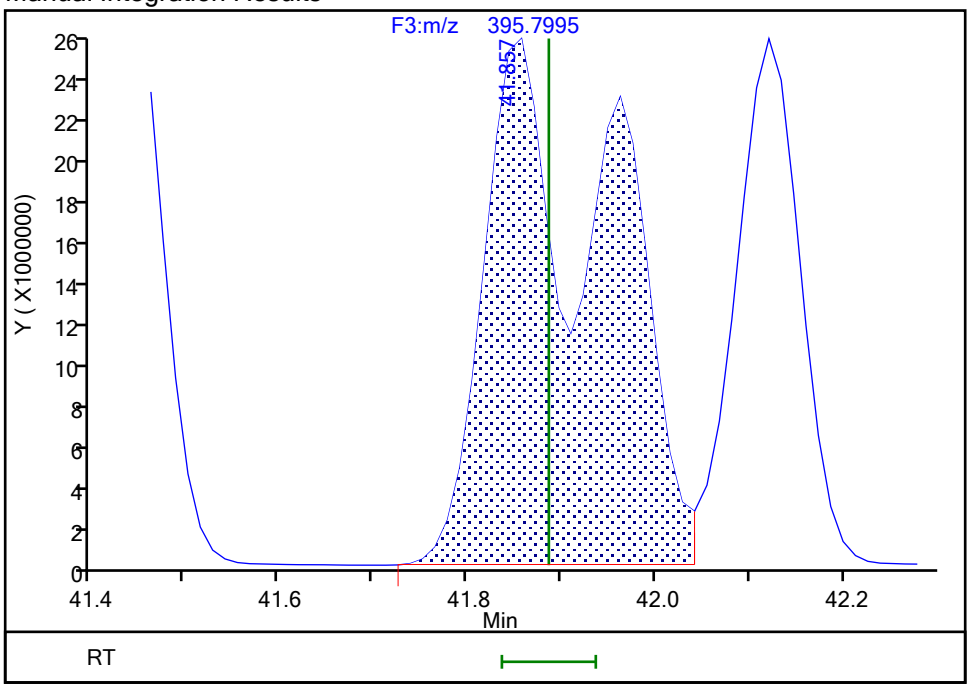
Processing Integration Results

RT: 41.86
Area: 125985420
Amount: 2389.8103
Amount Units: pg/ul



Manual Integration Results

RT: 41.86
Area: 230337938
Amount: 4070.1960
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:14:01
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

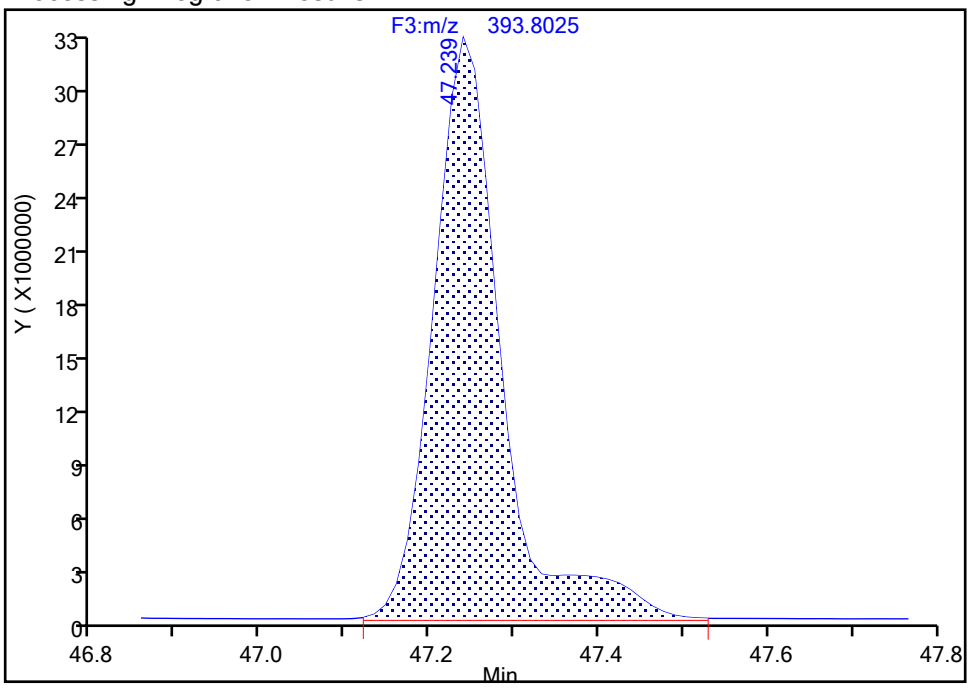
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-190, CAS: 41411-64-7

Signal: 1

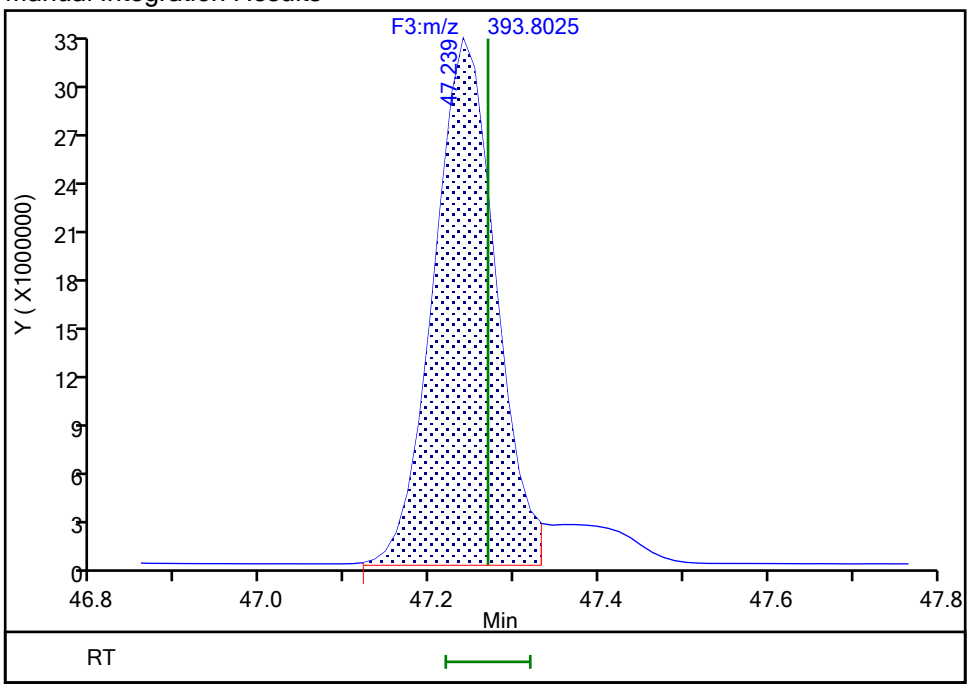
Processing Integration Results

RT: 47.24
Area: 182130628
Amount: 2233.5804
Amount Units: pg/ul



Manual Integration Results

RT: 47.24
Area: 164169203
Amount: 2050.5268
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:14:15
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

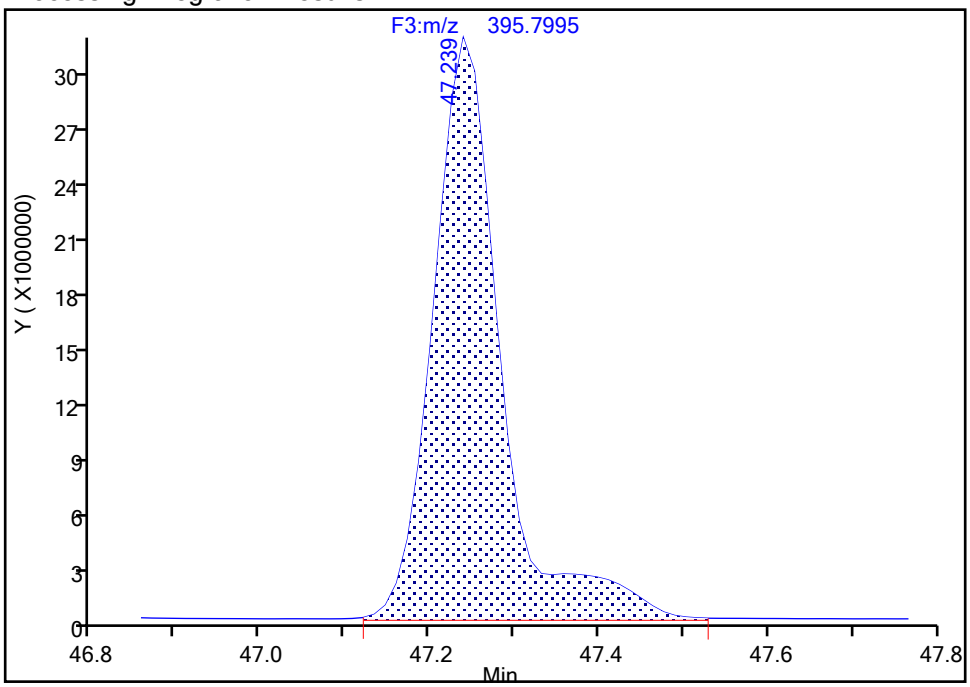
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d
Injection Date: 08-Oct-2021 16:58:00 Instrument ID: D2D
Lims ID: IC L6
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-190, CAS: 41411-64-7

Signal: 2

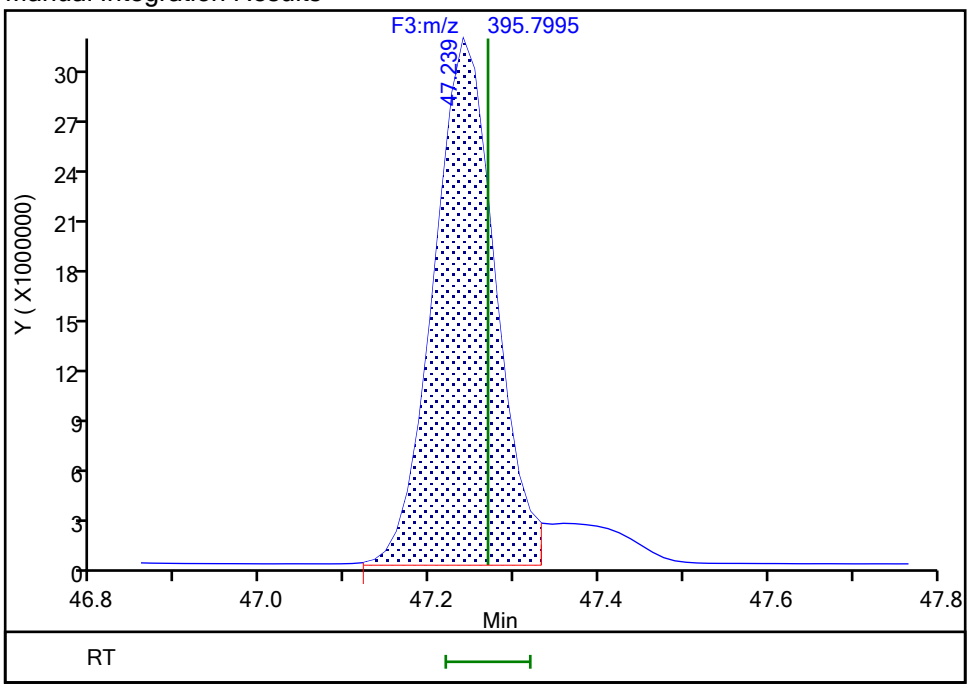
Processing Integration Results

RT: 47.24
Area: 174433907
Amount: 2233.5804
Amount Units: pg/ul



Manual Integration Results

RT: 47.24
Area: 157150456
Amount: 2050.5268
Amount Units: pg/ul



Reviewer: nordquistj, 08-Oct-2021 18:14:17
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

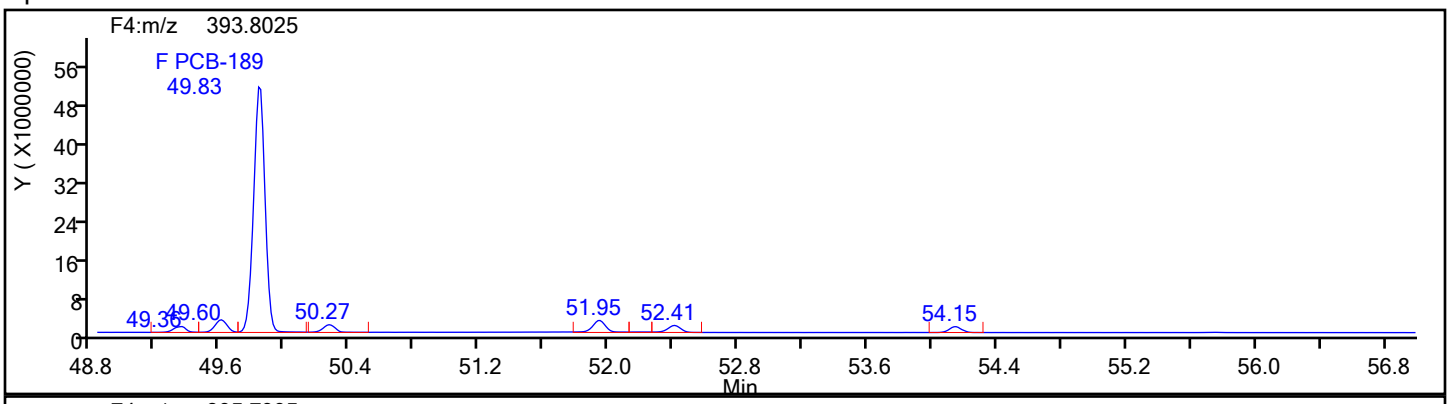
Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

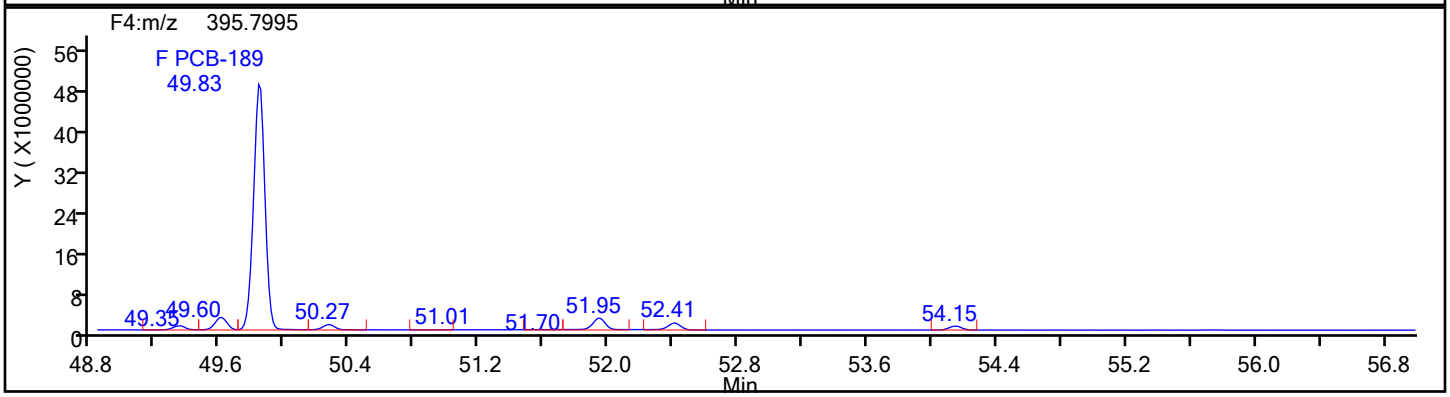
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

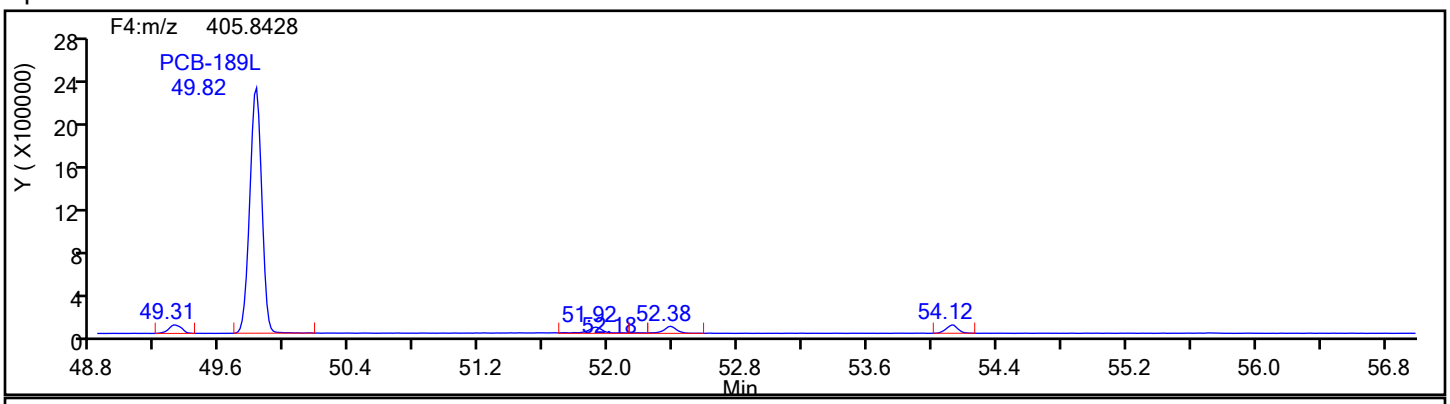
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

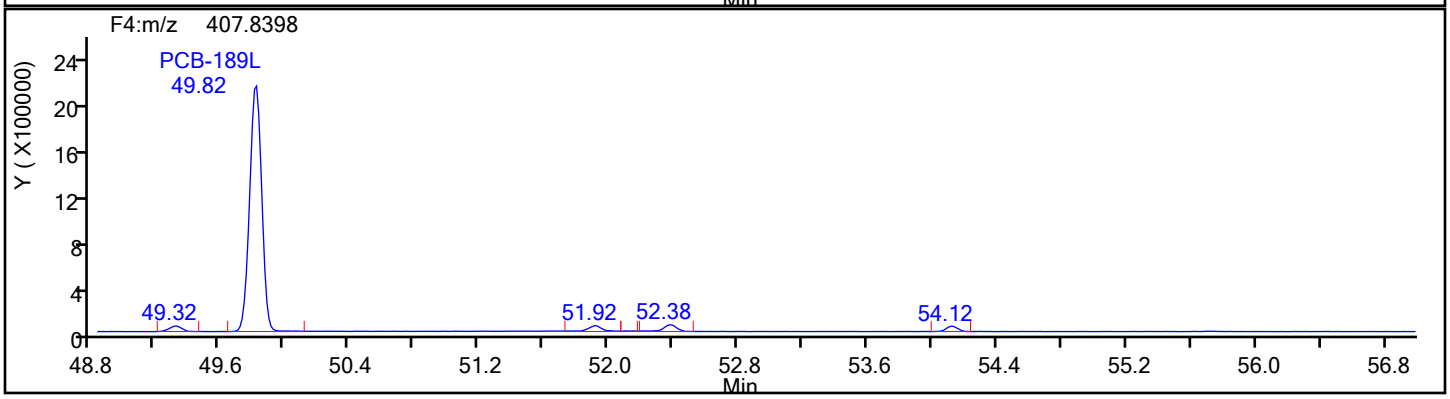
HpPCB F4





HpPCB F4 Standards



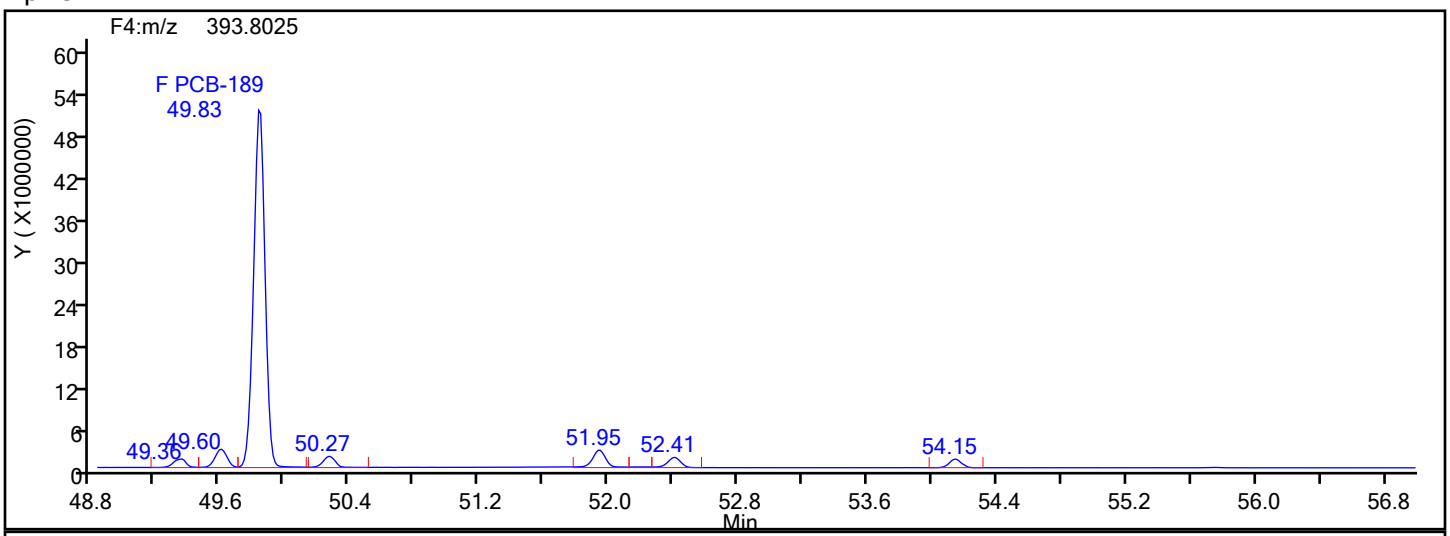


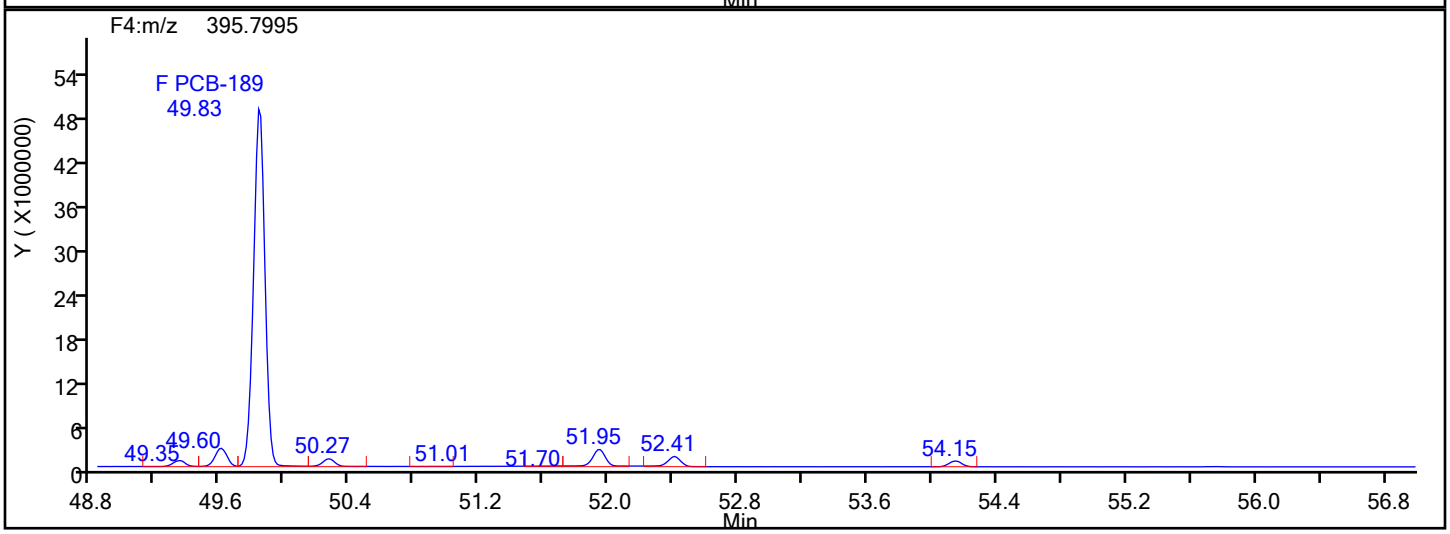
Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

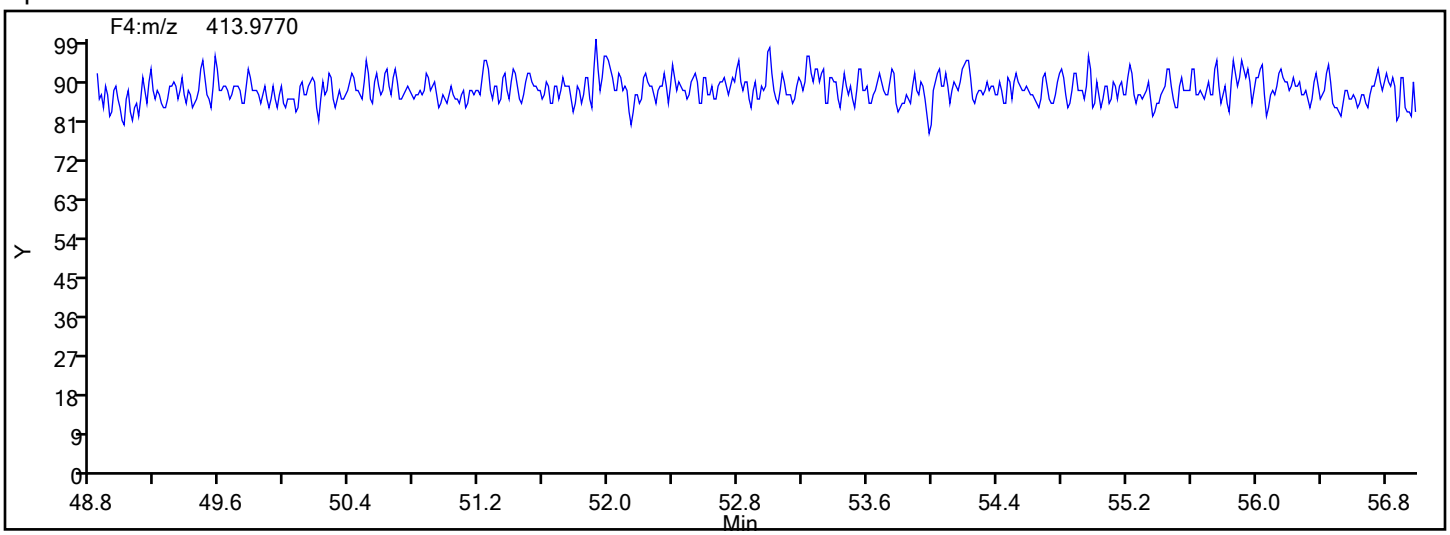
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



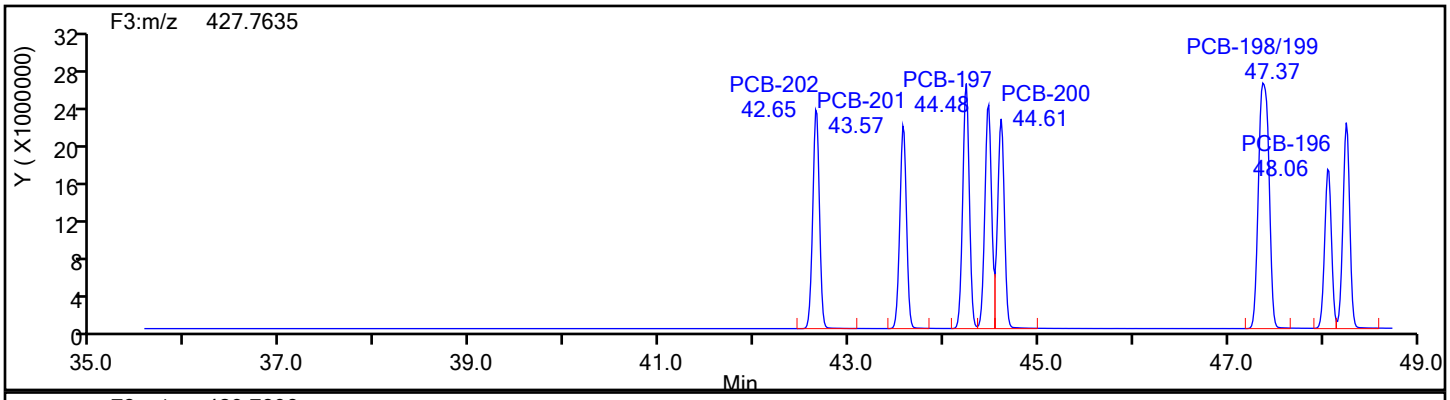
Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

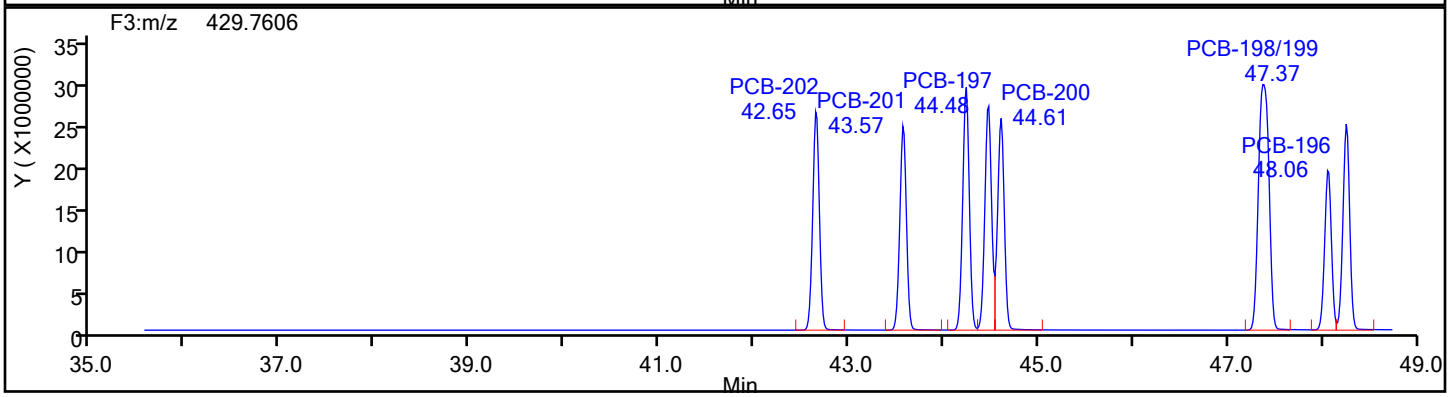
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

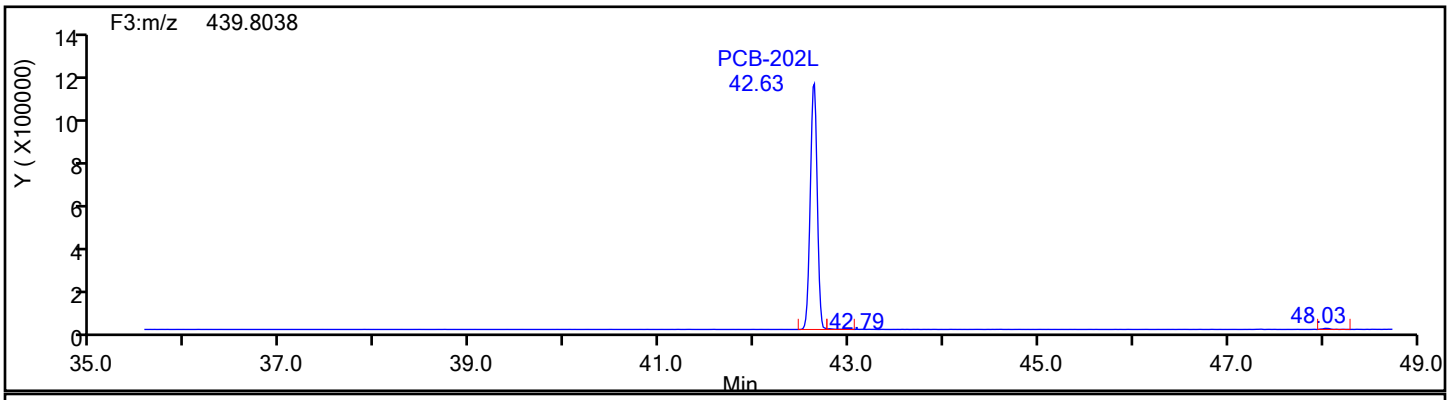
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

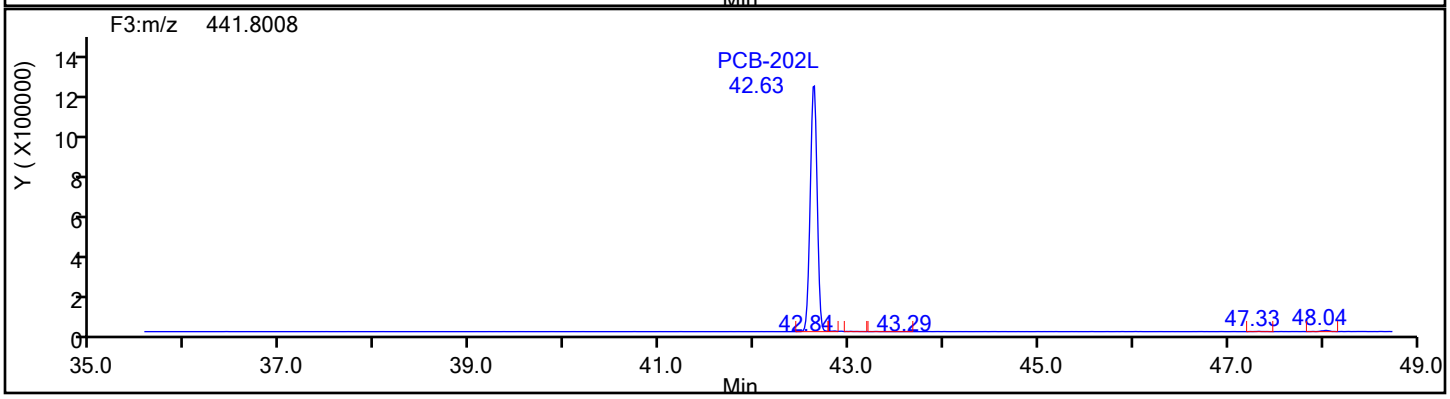
OcPCB F3





OcPCB F3 Standards



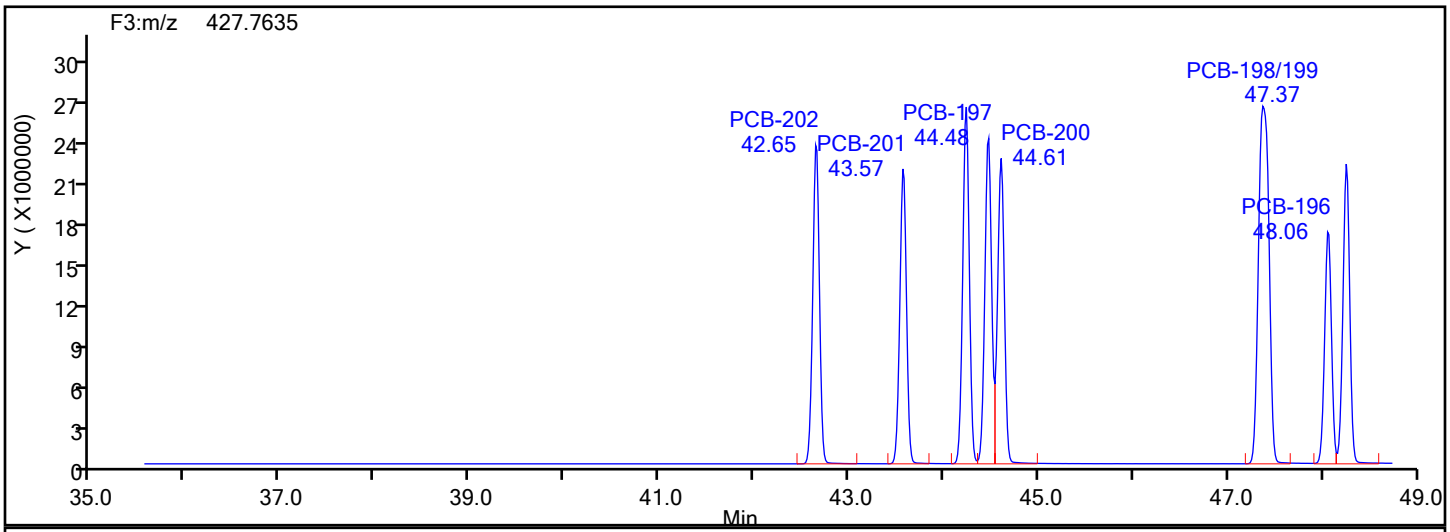


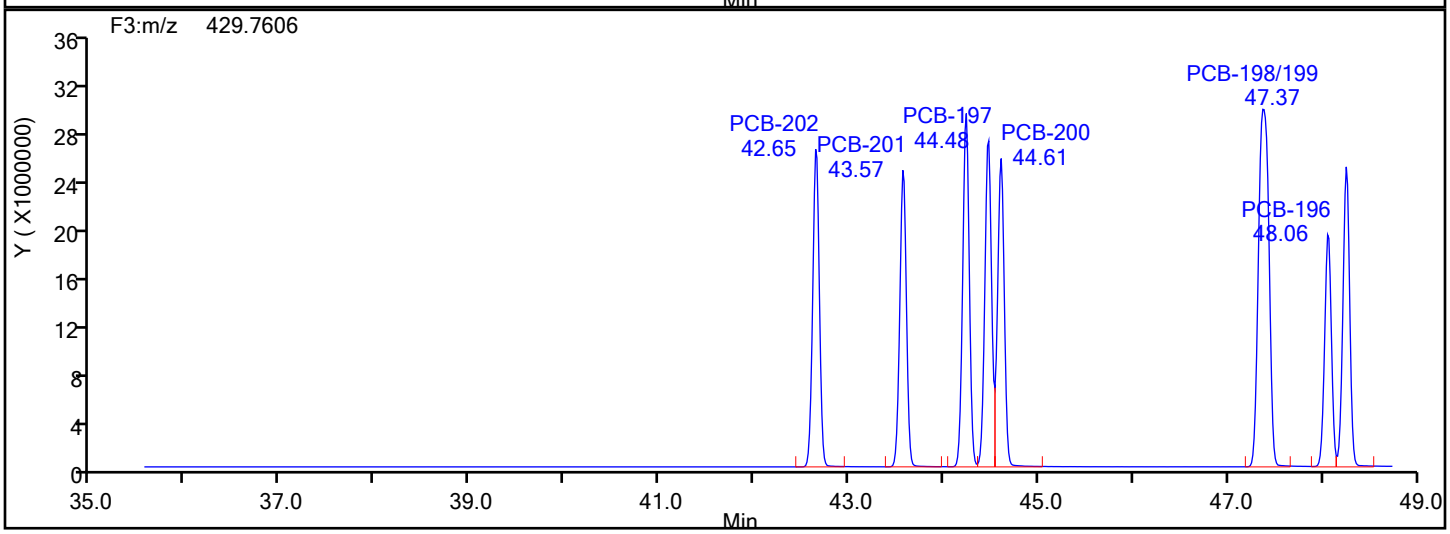
Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

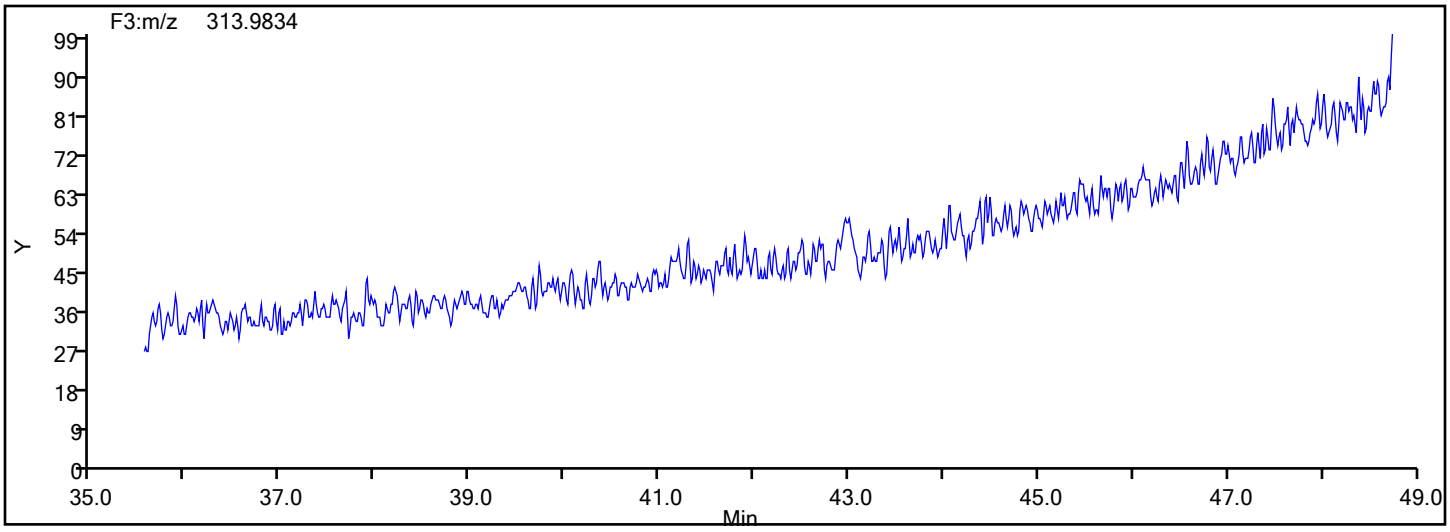
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass

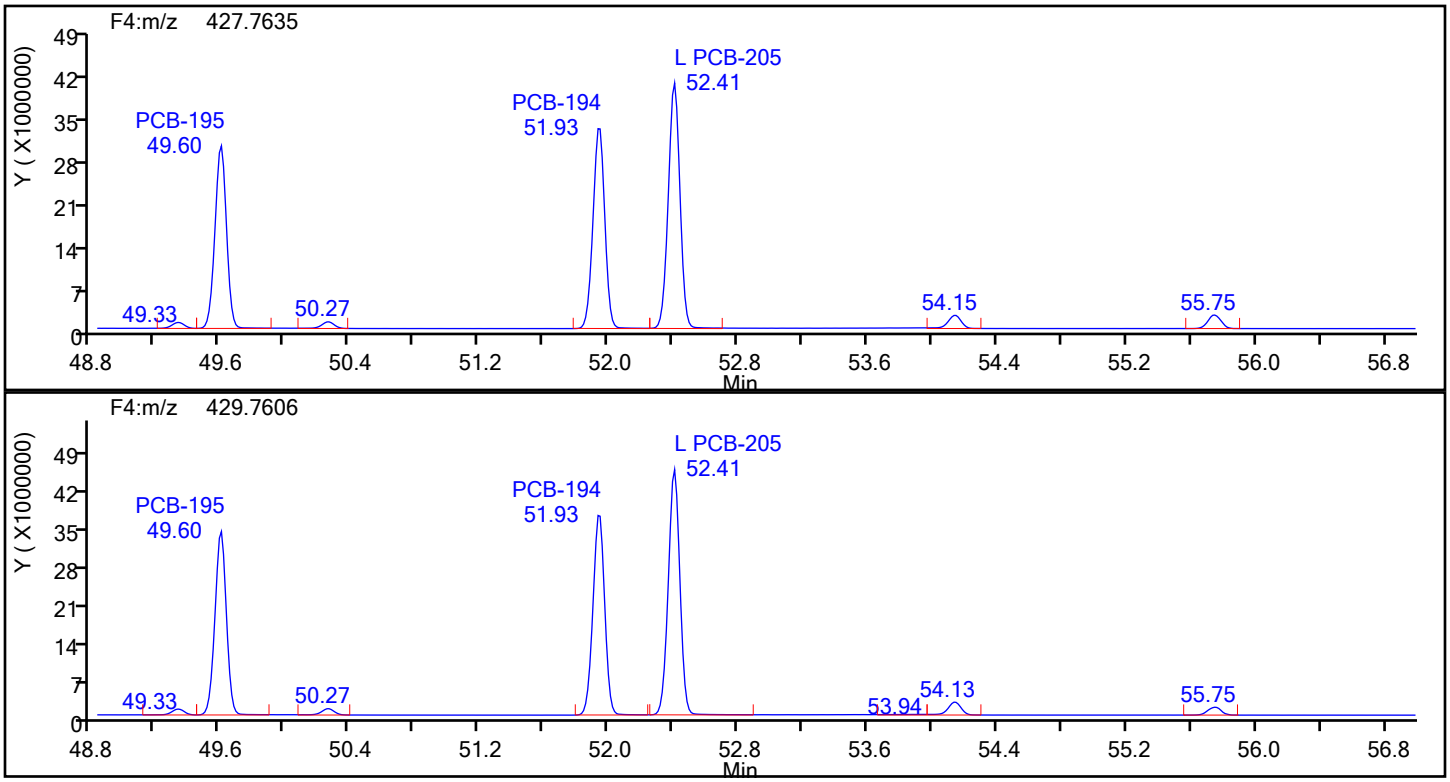


Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

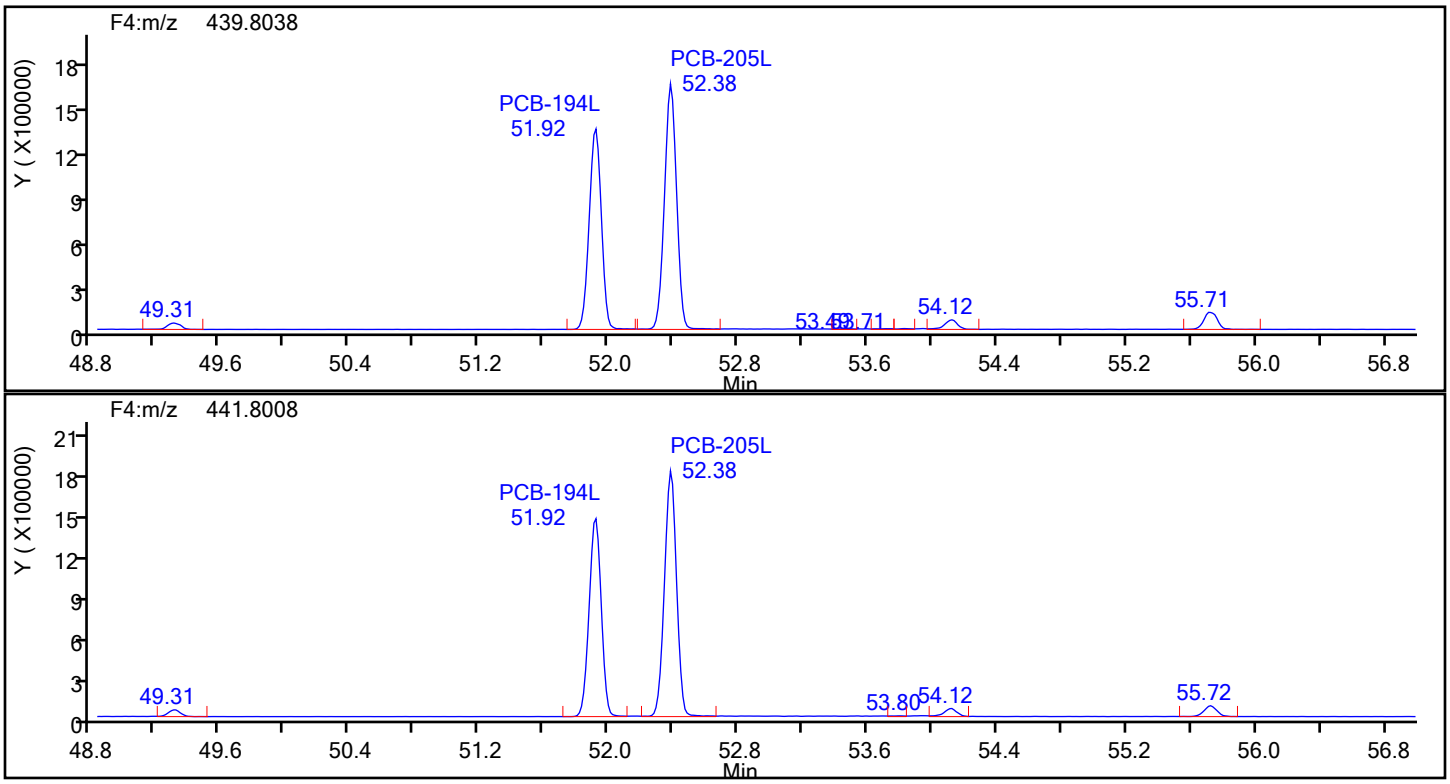
Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

OcPCB F4



OcPCB F4 Standards

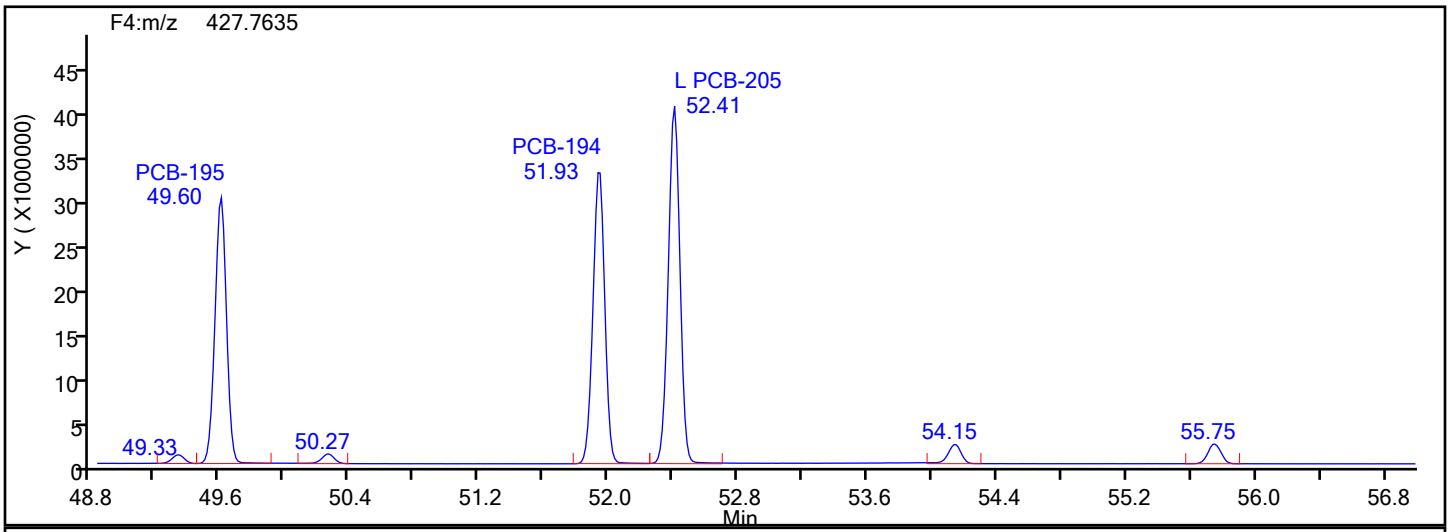


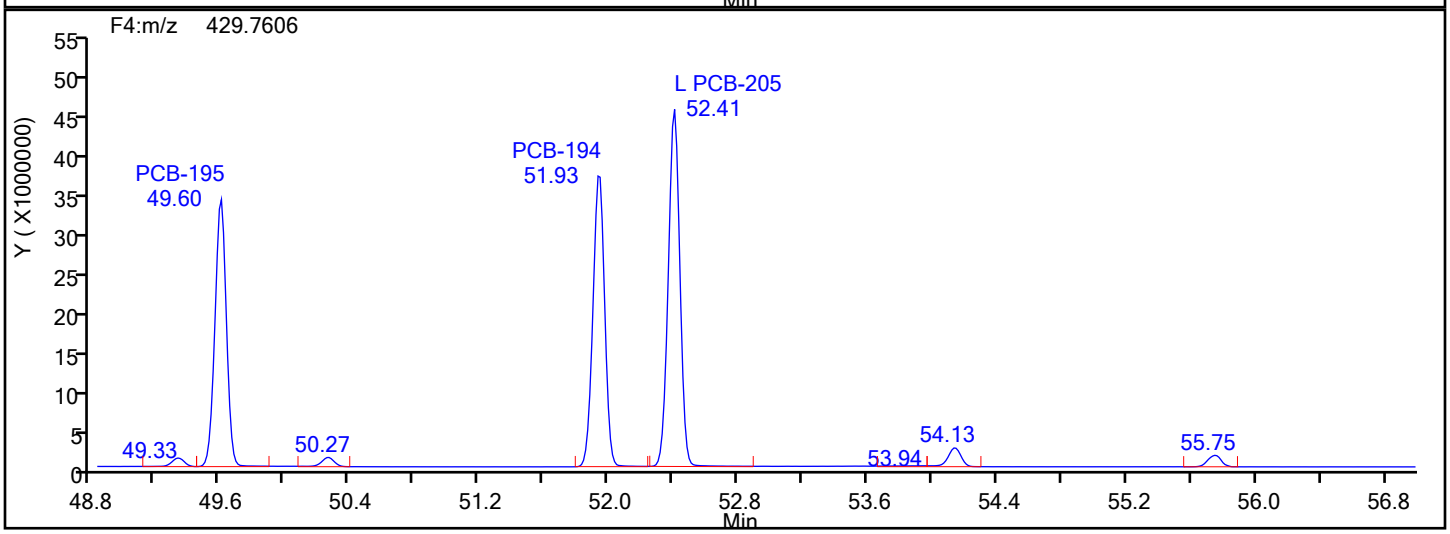
Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

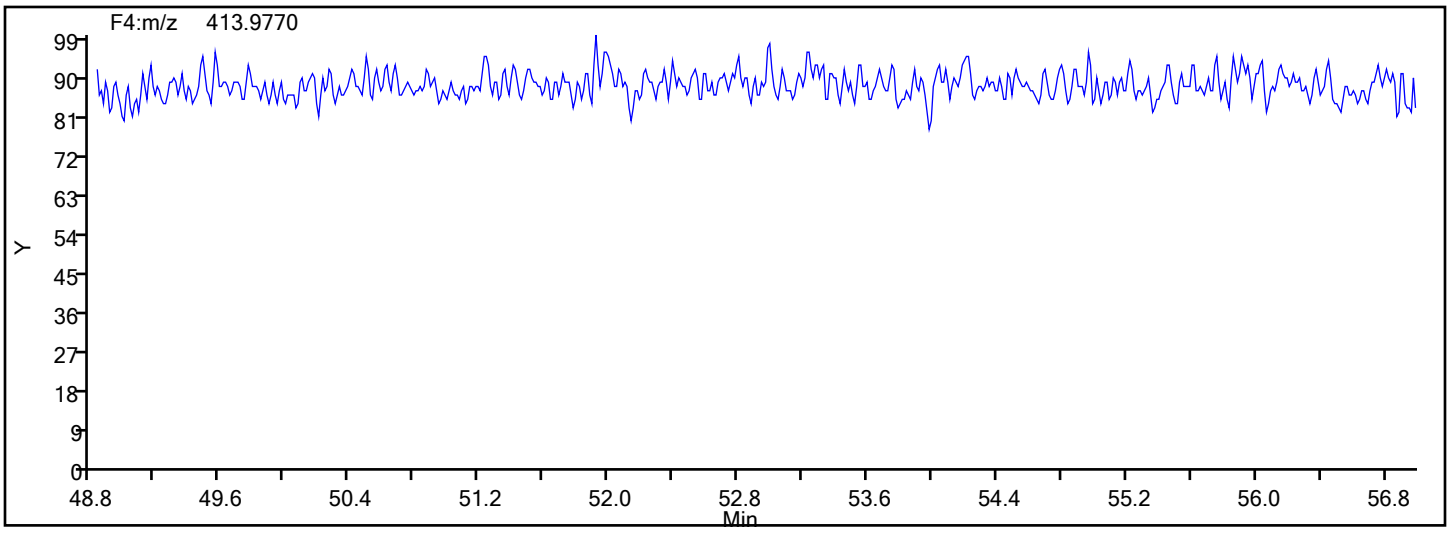
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Injection Date: 08-Oct-2021 16:58:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

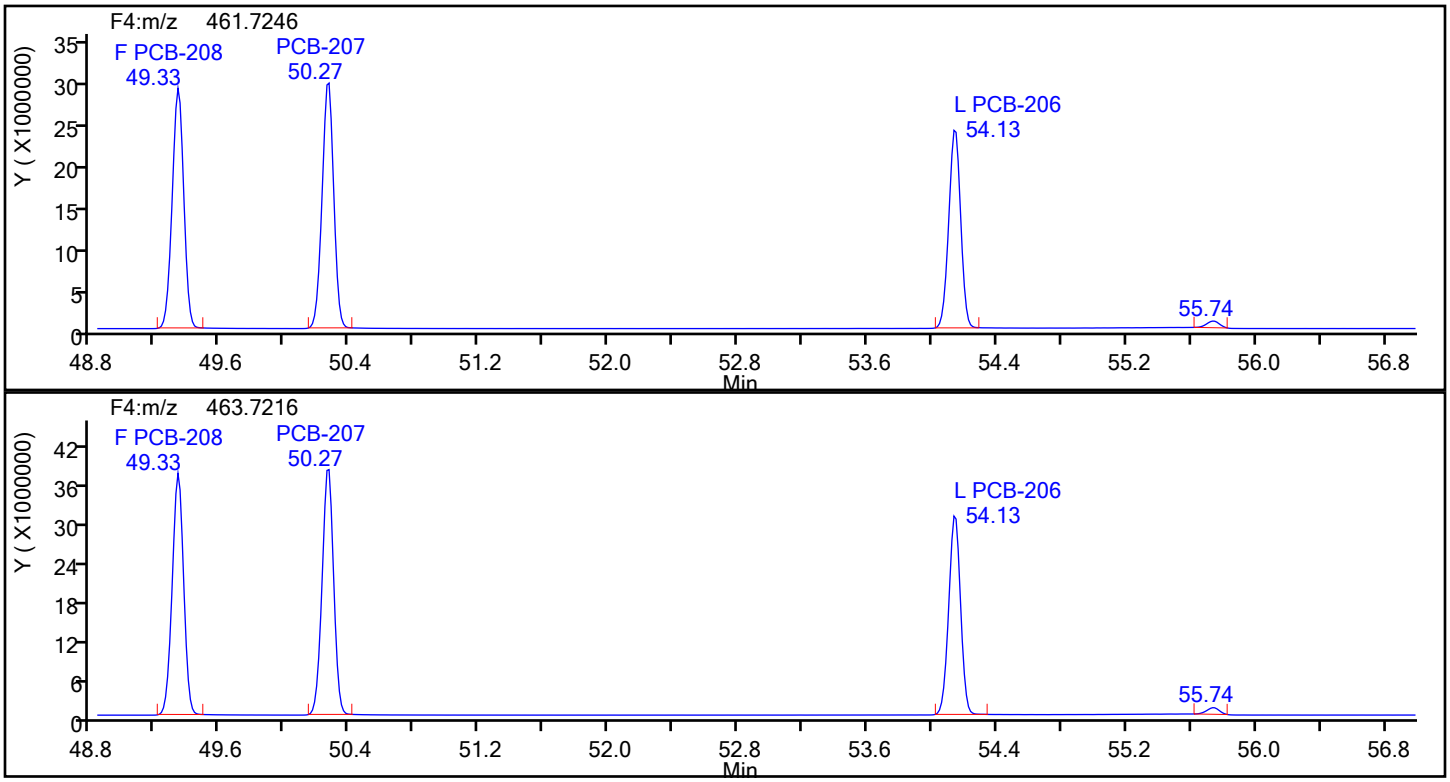
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

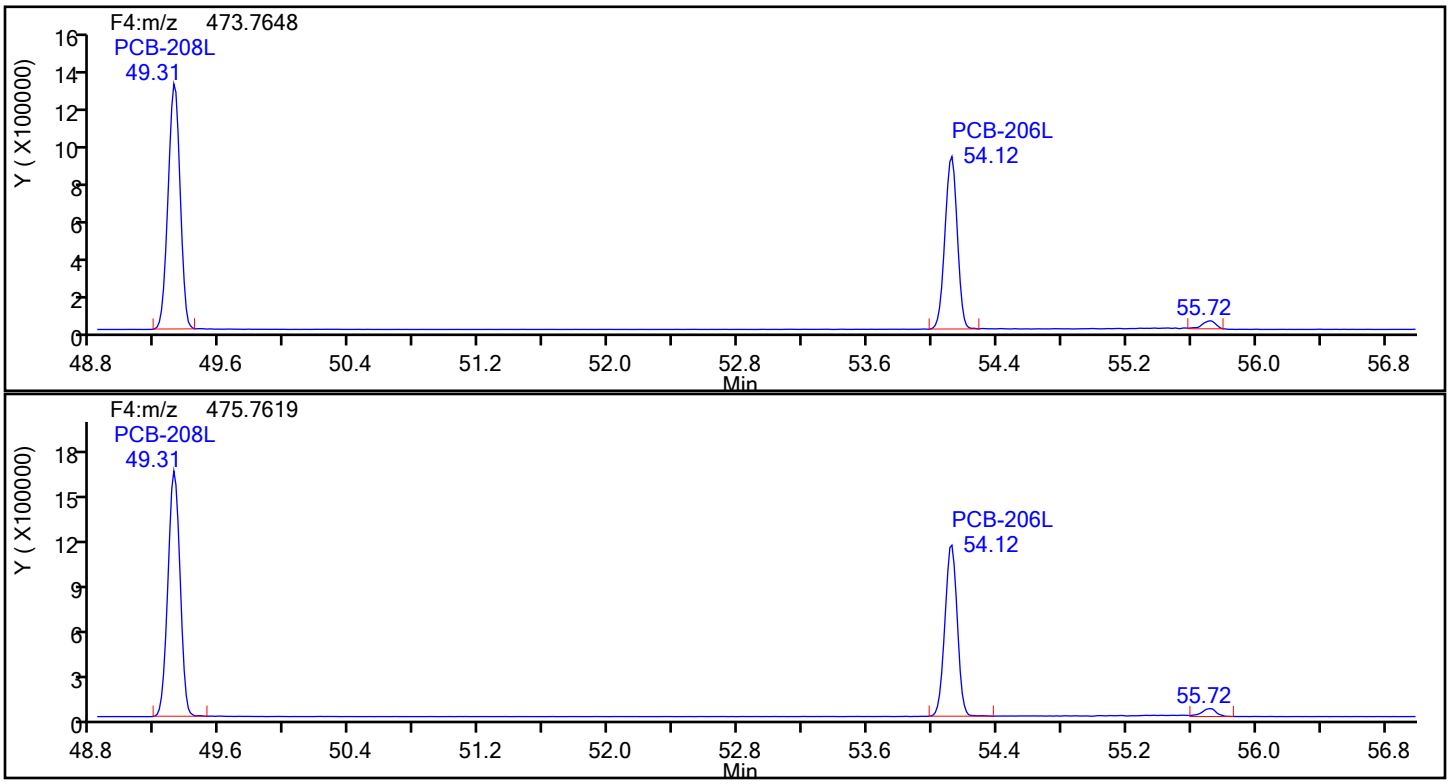
Worklist#: 54640 Sample Line#: 6

Column Type: Column Dia:

NoPCB F4



NoPCB F4 Standards

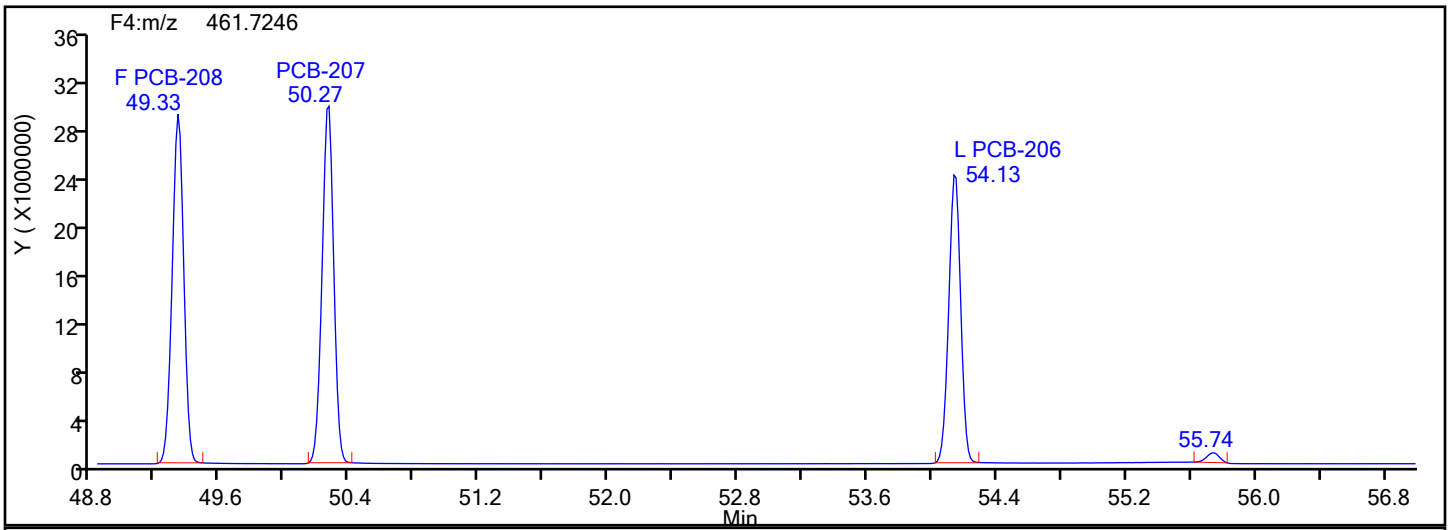


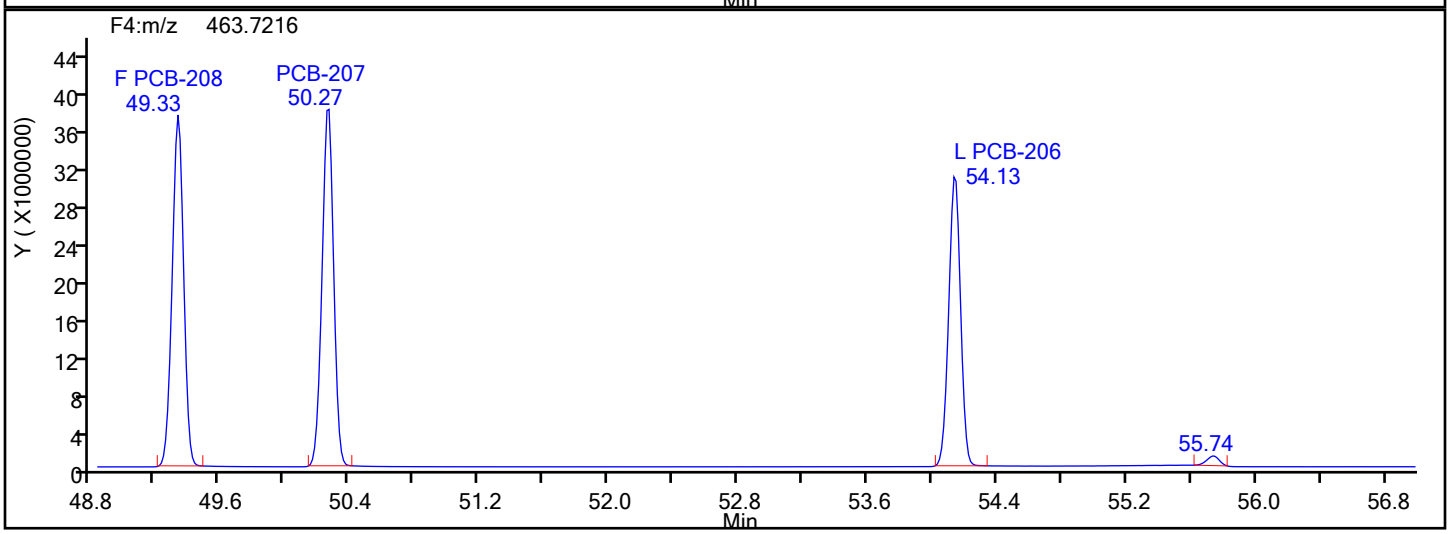
Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

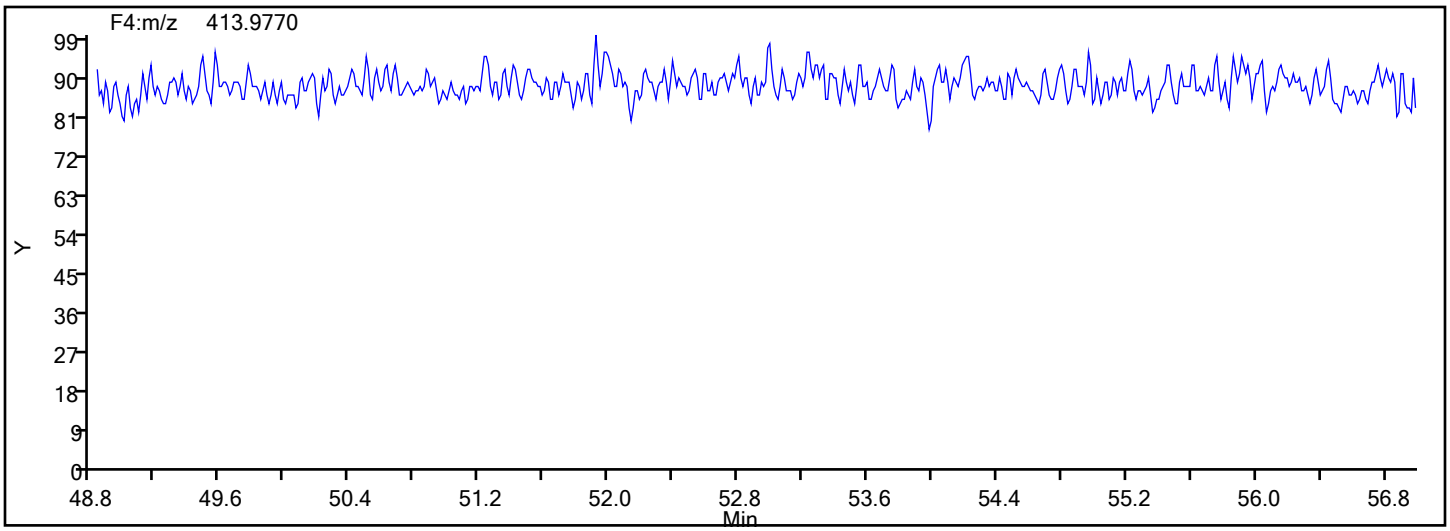
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



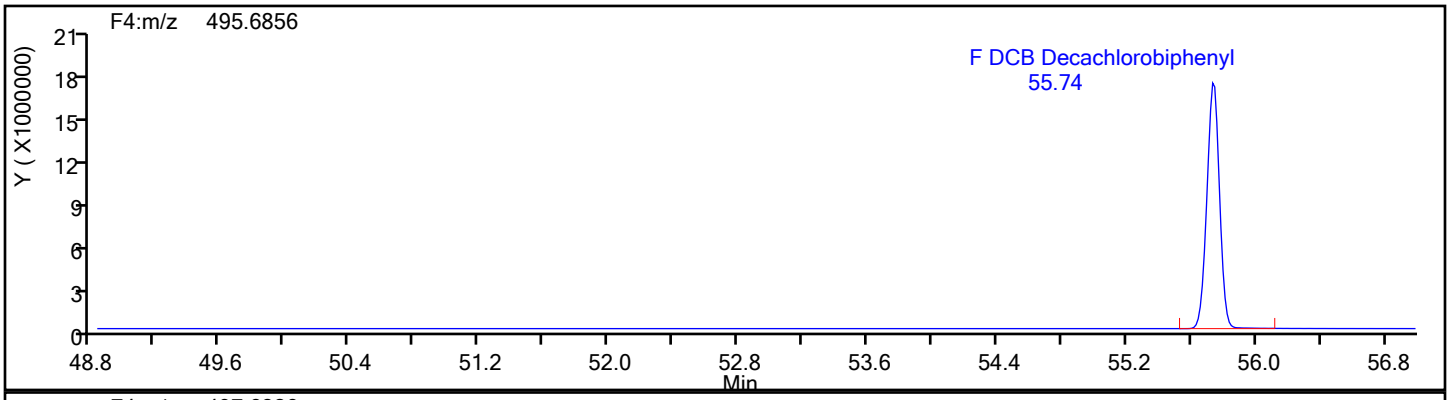
Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

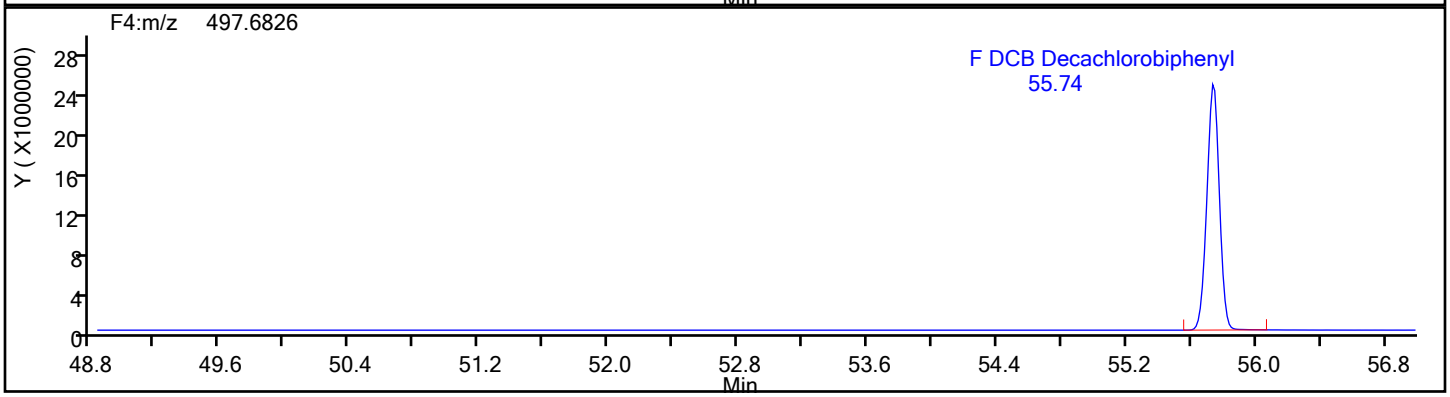
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

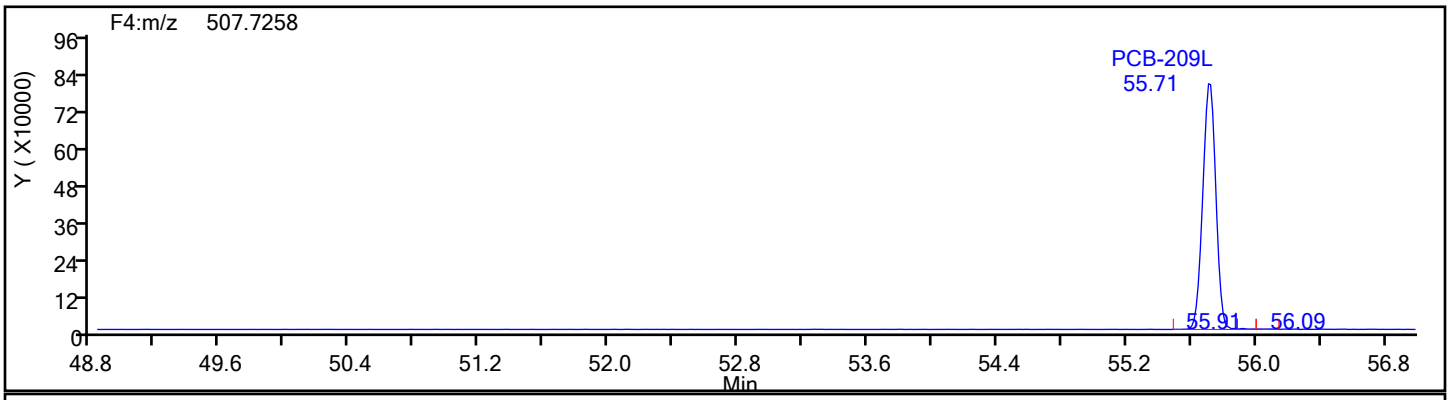
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

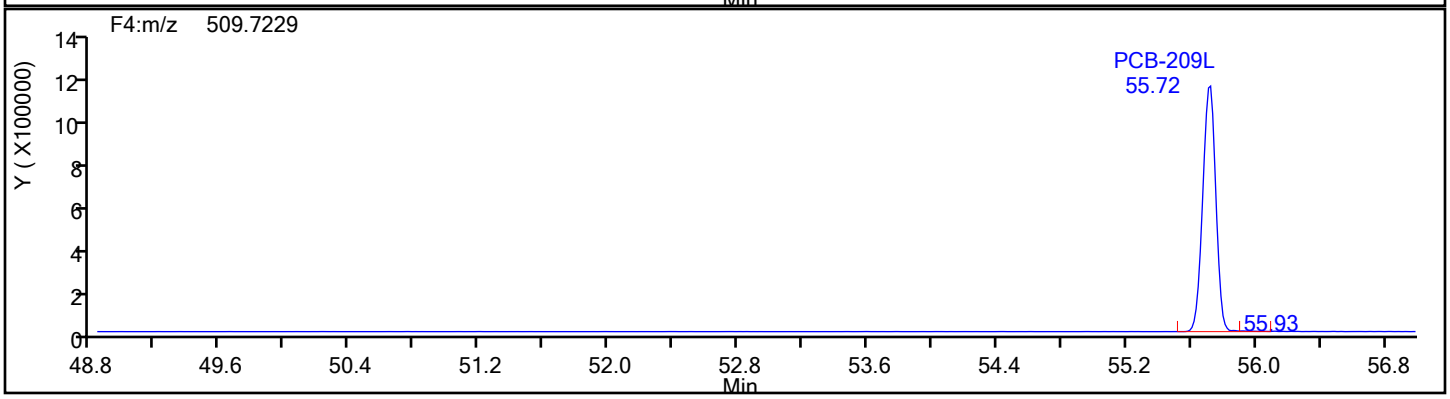
DePCB F4





DePCB F4 Standards



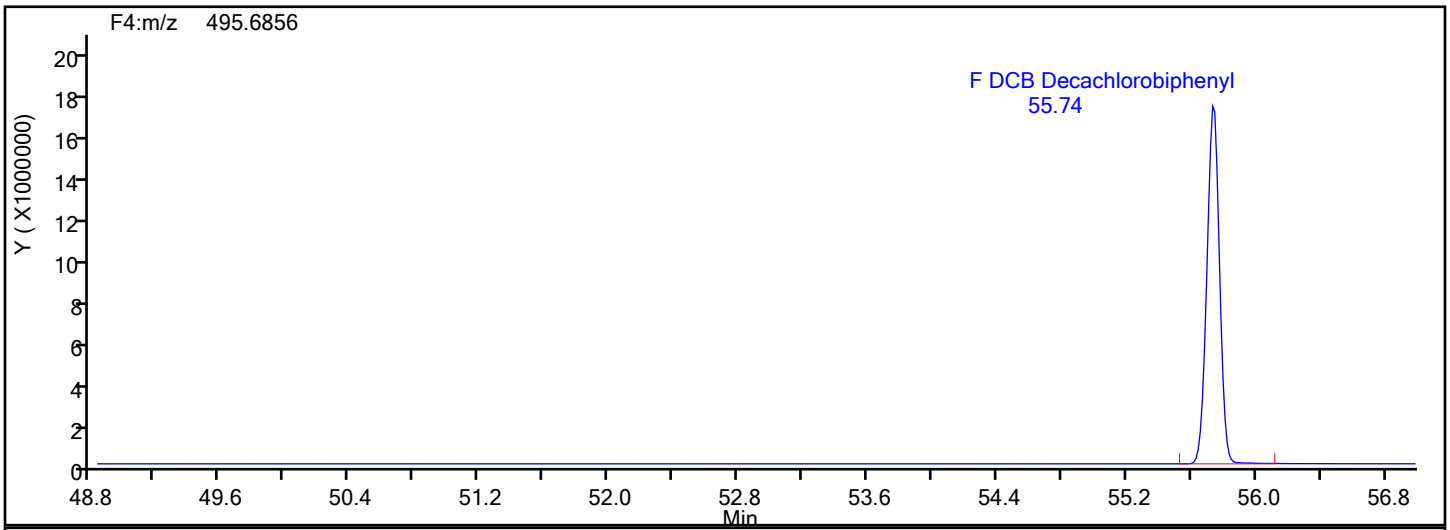


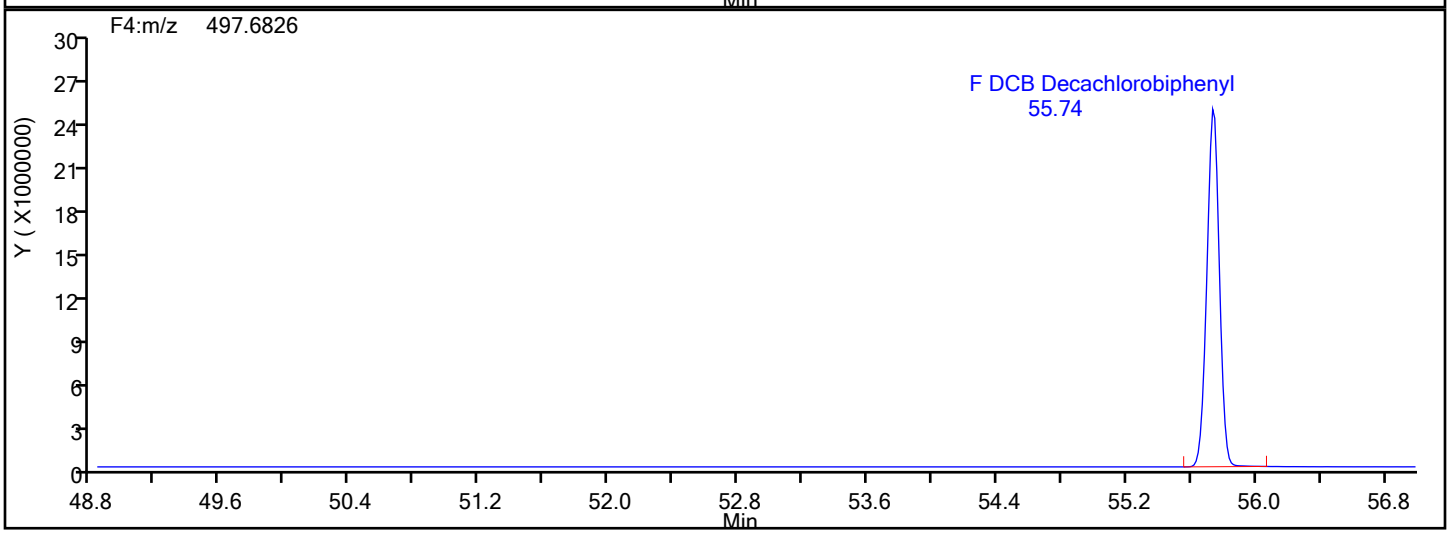
Report Date: 08-Oct-2021 19:11:36 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

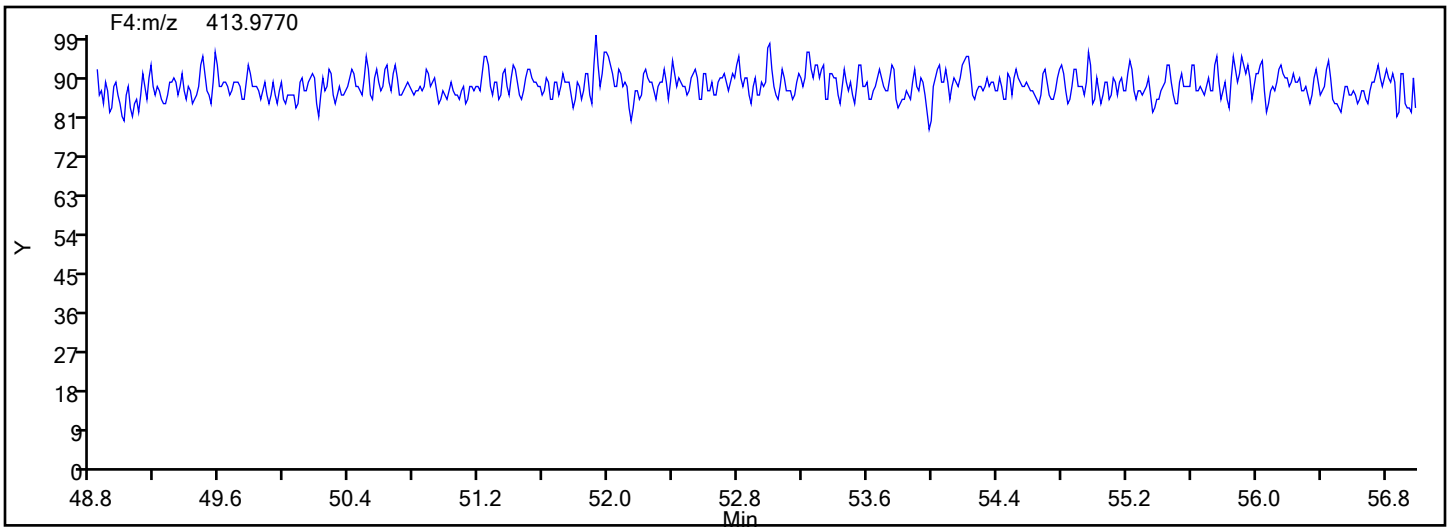
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d		
Injection Date:	08-Oct-2021 16:58:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	6
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



Calibration / DCB Decachlorobiphenyl

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

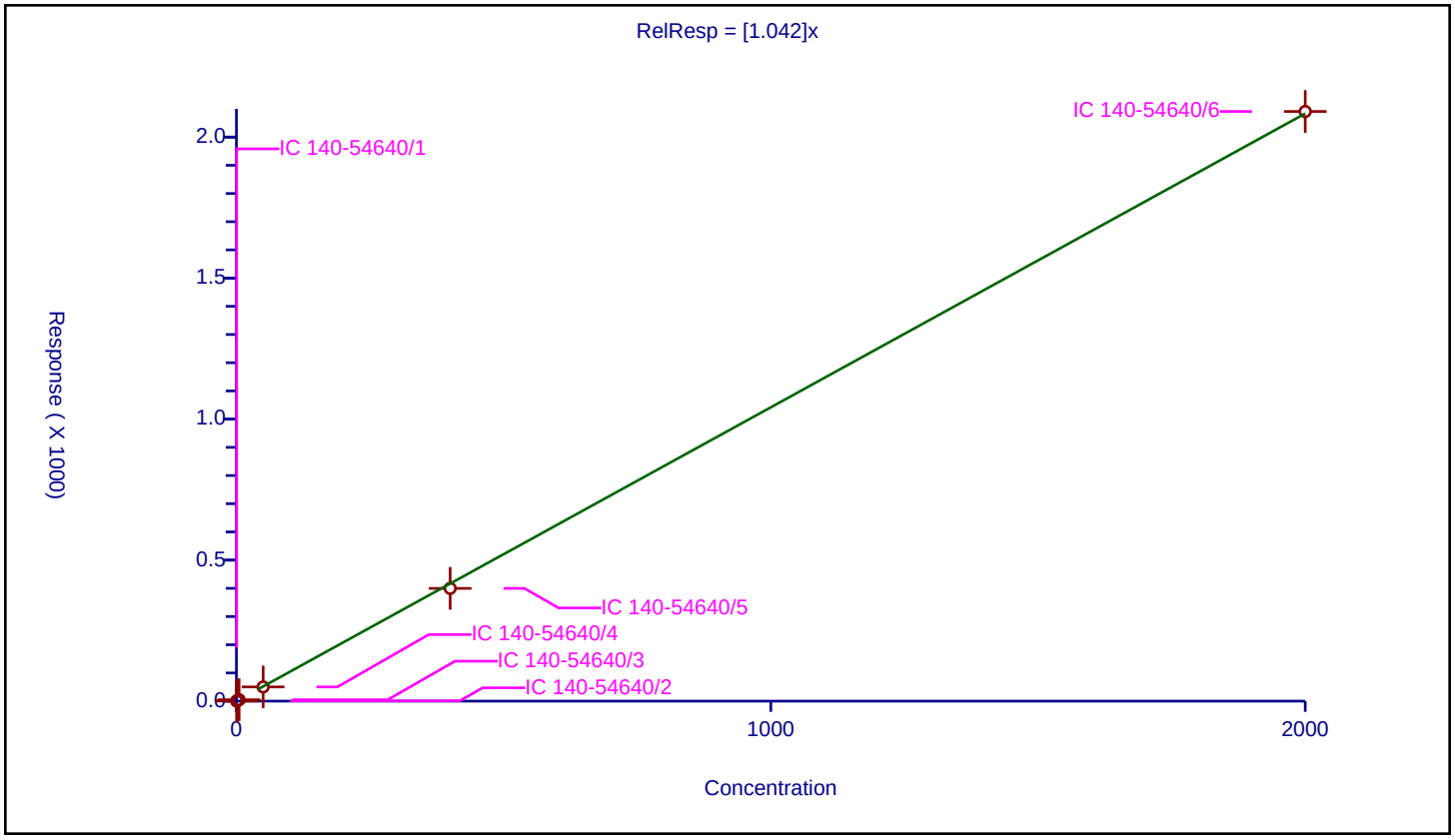
Curve Coefficients

Intercept:	0
Slope:	1.042

Error Coefficients

Standard Error:	104000000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.585542	100.0	12340025.0	1.171084	Y
2	IC 140-54640/2	1.0	1.037112	100.0	12165704.0	1.037112	Y
3	IC 140-54640/3	5.0	4.952814	100.0	12082566.0	0.990563	Y
4	IC 140-54640/4	50.0	50.357438	100.0	11434571.0	1.007149	Y
5	IC 140-54640/5	400.0	399.811217	100.0	11174230.0	0.999528	Y
6	IC 140-54640/6	2000.0	2090.810438	100.0	10897212.0	1.045405	Y



Calibration / PCB-1

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

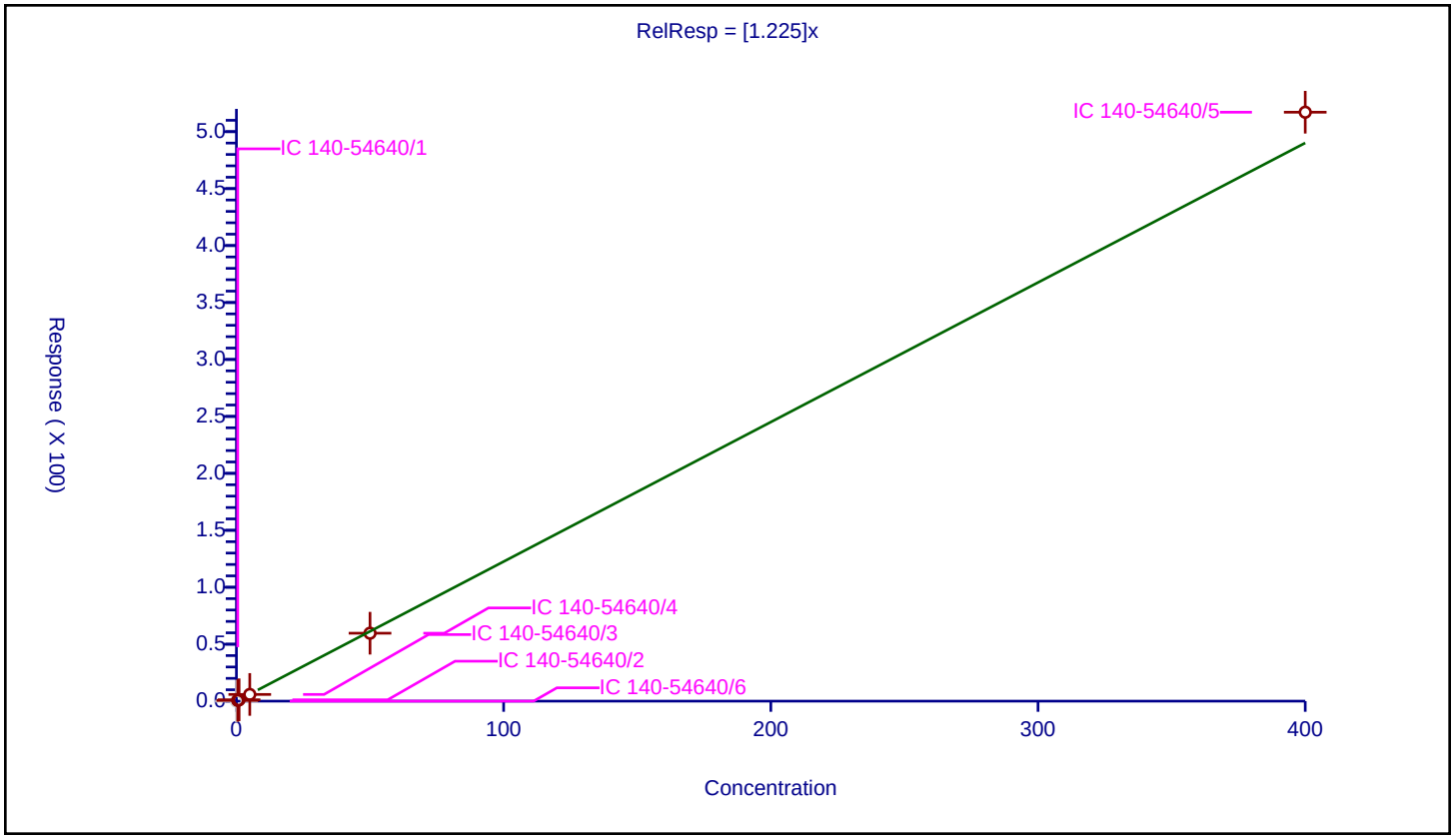
Curve Coefficients

Intercept:	0
Slope:	1.225

Error Coefficients

Standard Error:	68800000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/6	0.0	0.0	100.0	27222800.0	NaN	N
2	IC 140-54640/1	0.5	0.641373	100.0	26659039.0	1.282747	Y
3	IC 140-54640/2	1.0	1.182151	100.0	28359481.0	1.182151	Y
4	IC 140-54640/3	5.0	5.879155	100.0	27821107.0	1.175831	Y
5	IC 140-54640/4	50.0	59.642362	100.0	27085971.0	1.192847	Y
6	IC 140-54640/5	400.0	517.075206	100.0	26432261.0	1.292688	Y



Calibration / PCB-10

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

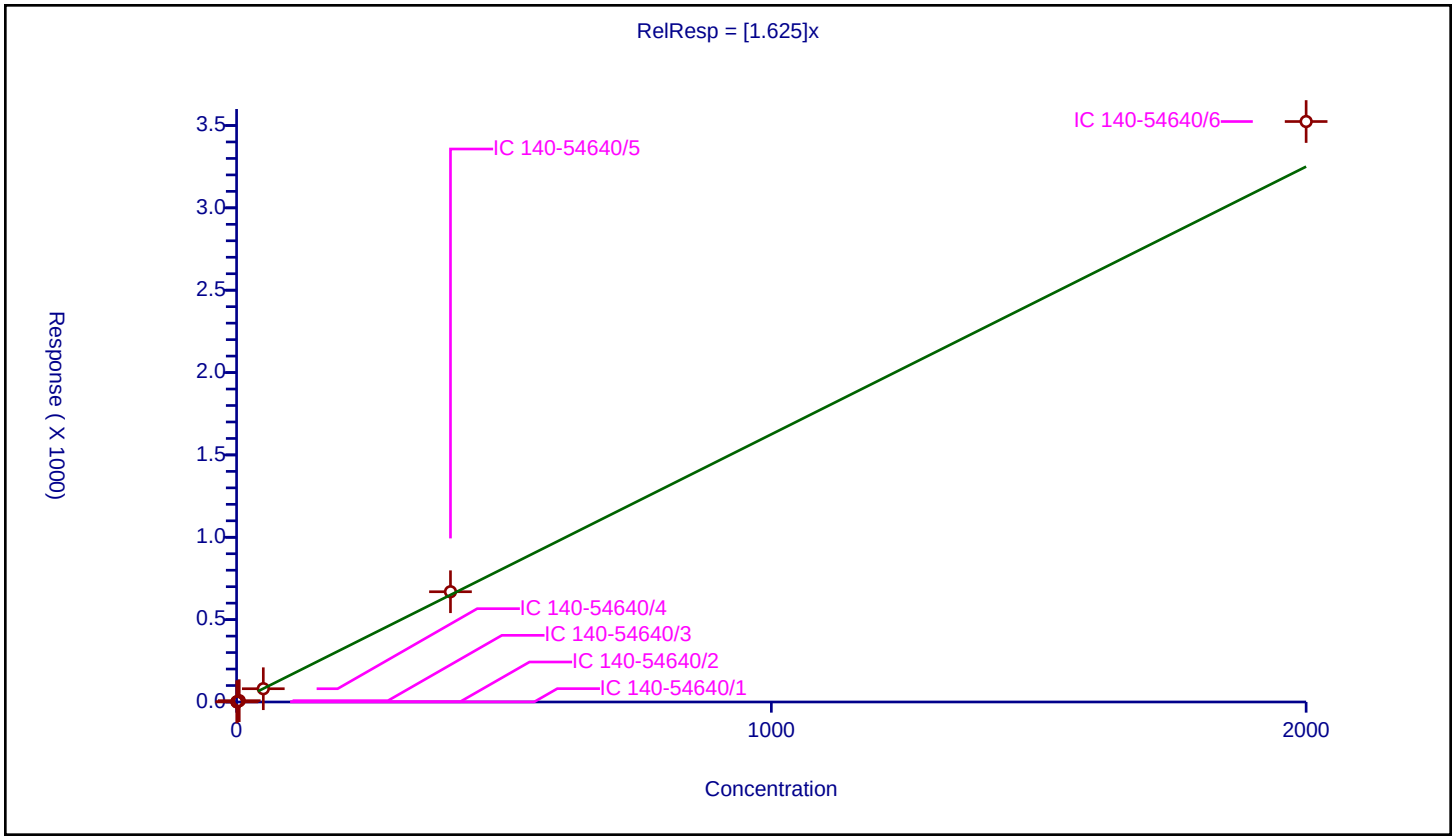
Curve Coefficients

Intercept:	0
Slope:	1.625

Error Coefficients

Standard Error:	198000000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.798363	100.0	12405884.0	1.596726	Y
2	IC 140-54640/2	1.0	1.514228	100.0	12725624.0	1.514228	Y
3	IC 140-54640/3	5.0	7.961374	100.0	12672398.0	1.592275	Y
4	IC 140-54640/4	50.0	80.60436	100.0	12271526.0	1.612087	Y
5	IC 140-54640/5	400.0	669.436494	100.0	11924149.0	1.673591	Y
6	IC 140-54640/6	2000.0	3524.105705	100.0	12348832.0	1.762053	Y



Calibration / PCB-100

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

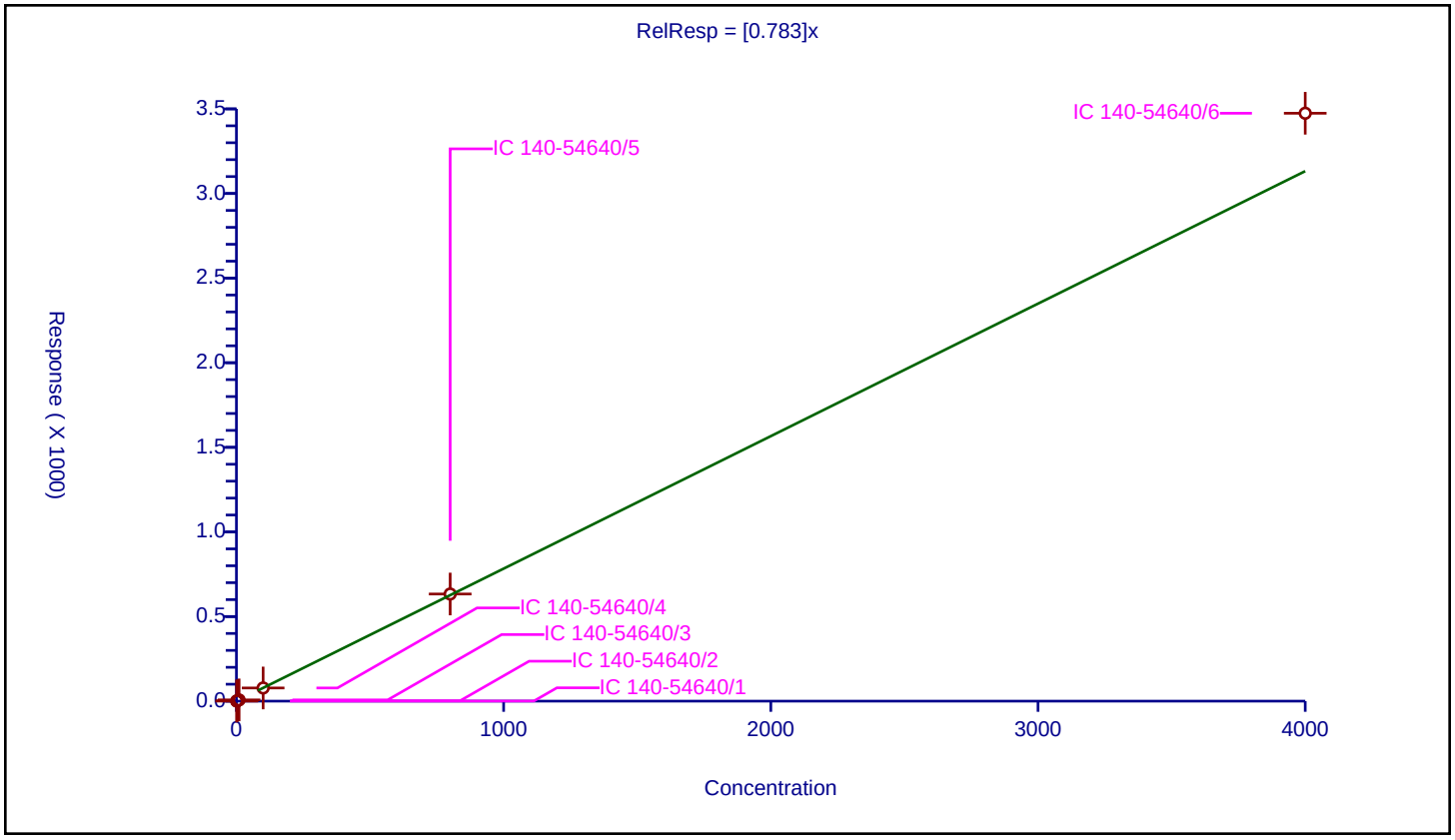
Curve Coefficients

Intercept:	0
Slope:	0.783

Error Coefficients

Standard Error:	221000000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.777027	100.0	14547508.0	0.777027	Y
2	IC 140-54640/2	2.0	1.488296	100.0	14512098.0	0.744148	Y
3	IC 140-54640/3	10.0	7.378882	100.0	14900618.0	0.737888	Y
4	IC 140-54640/4	100.0	77.905478	100.0	13896644.0	0.779055	Y
5	IC 140-54640/5	800.0	633.08744	100.0	13761361.0	0.791359	Y
6	IC 140-54640/6	4000.0	3474.25257	100.0	13976634.0	0.868563	Y



Calibration / PCB-101

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

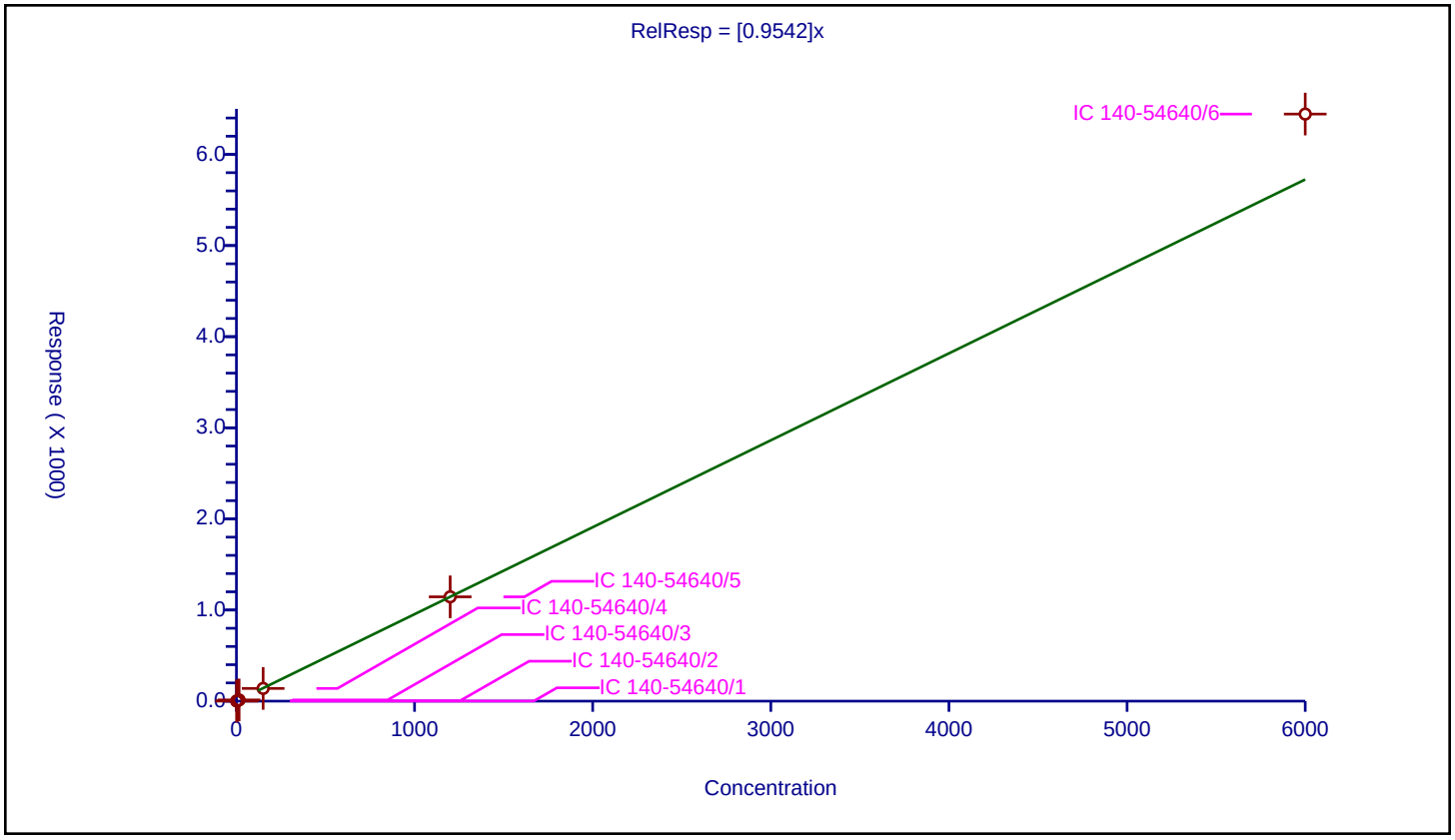
Curve Coefficients

Intercept:	0
Slope:	0.9542

Error Coefficients

Standard Error:	409000000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.413974	100.0	14547508.0	0.942649	Y
2	IC 140-54640/2	3.0	2.790141	100.0	14512098.0	0.930047	Y
3	IC 140-54640/3	15.0	13.420732	100.0	14900618.0	0.894715	Y
4	IC 140-54640/4	150.0	139.507704	100.0	13896644.0	0.930051	Y
5	IC 140-54640/5	1200.0	1144.848638	100.0	13761361.0	0.954041	Y
6	IC 140-54640/6	6000.0	6443.238265	100.0	13976634.0	1.073873	Y



Calibration / PCB-102

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

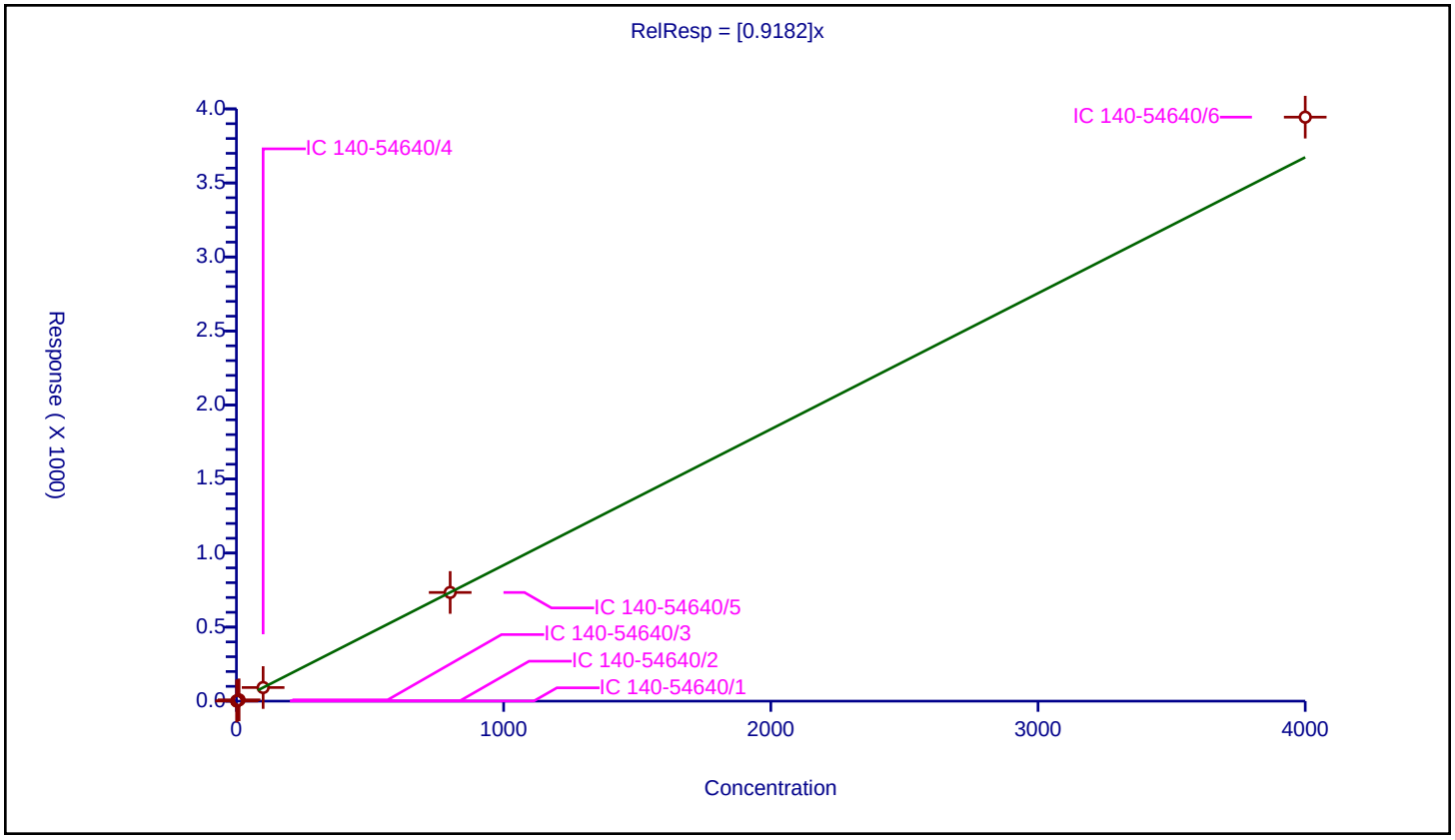
Curve Coefficients

Intercept:	0
Slope:	0.9182

Error Coefficients

Standard Error:	251000000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.899776	100.0	14547508.0	0.899776	Y
2	IC 140-54640/2	2.0	1.813521	100.0	14512098.0	0.906761	Y
3	IC 140-54640/3	10.0	8.800628	100.0	14900618.0	0.880063	Y
4	IC 140-54640/4	100.0	91.921524	100.0	13896644.0	0.919215	Y
5	IC 140-54640/5	800.0	734.070765	100.0	13761361.0	0.917588	Y
6	IC 140-54640/6	4000.0	3944.201308	100.0	13976634.0	0.98605	Y



Calibration / PCB-103

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

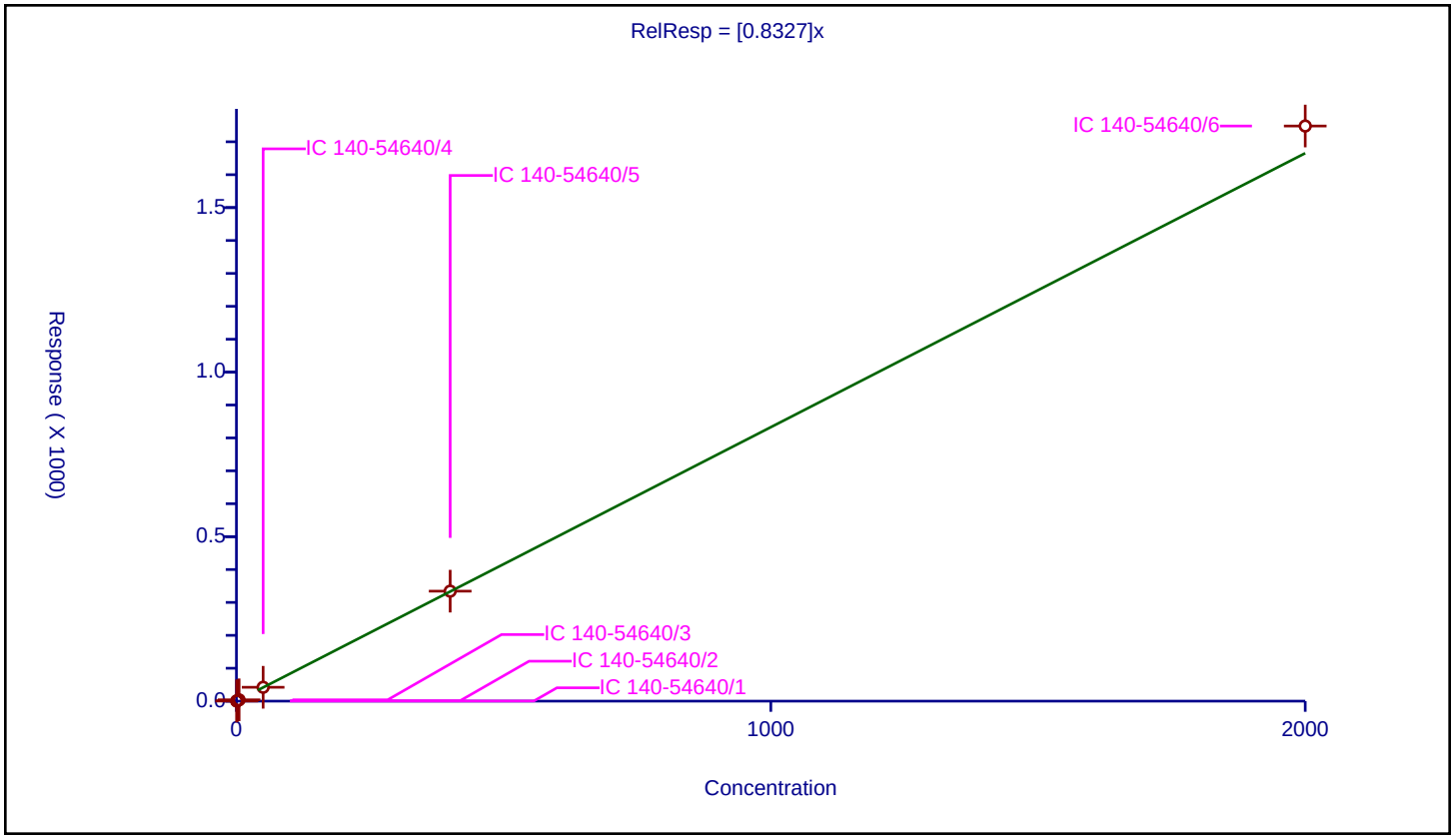
Curve Coefficients

Intercept:	0
Slope:	0.8327

Error Coefficients

Standard Error:	111000000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.411775	100.0	14547508.0	0.82355	Y
2	IC 140-54640/2	1.0	0.82691	100.0	14512098.0	0.82691	Y
3	IC 140-54640/3	5.0	3.970325	100.0	14900618.0	0.794065	Y
4	IC 140-54640/4	50.0	42.093213	100.0	13896644.0	0.841864	Y
5	IC 140-54640/5	400.0	334.248713	100.0	13761361.0	0.835622	Y
6	IC 140-54640/6	2000.0	1747.952075	100.0	13976634.0	0.873976	Y



Calibration / PCB-104

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

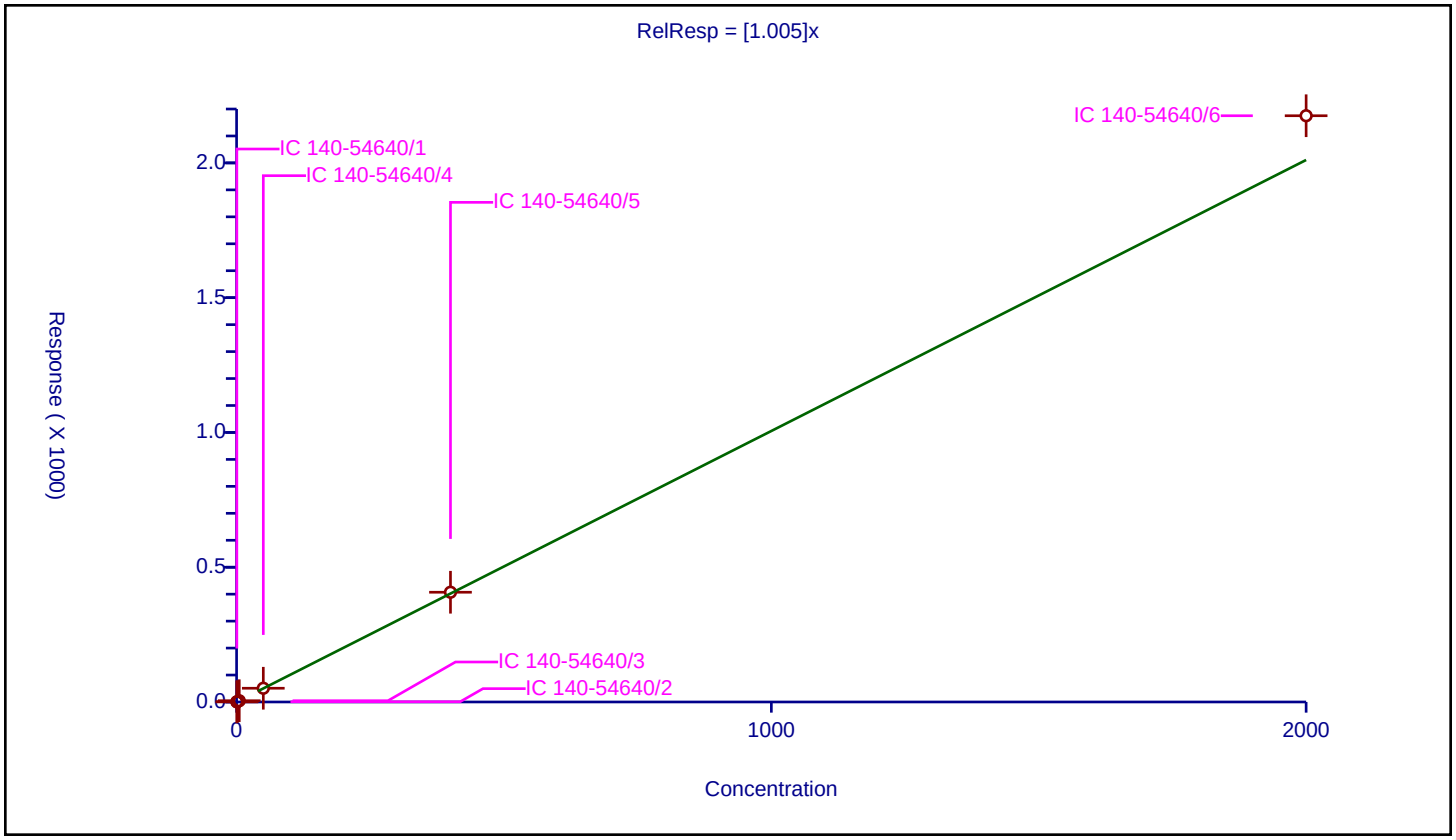
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Standard Error:	138000000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.516975	100.0	14547508.0	1.03395	Y
2	IC 140-54640/2	1.0	0.935158	100.0	14512098.0	0.935158	Y
3	IC 140-54640/3	5.0	4.685477	100.0	14900618.0	0.937095	Y
4	IC 140-54640/4	50.0	51.044144	100.0	13896644.0	1.020883	Y
5	IC 140-54640/5	400.0	407.22018	100.0	13761361.0	1.01805	Y
6	IC 140-54640/6	2000.0	2175.039491	100.0	13976634.0	1.08752	Y



Calibration / PCB-105

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

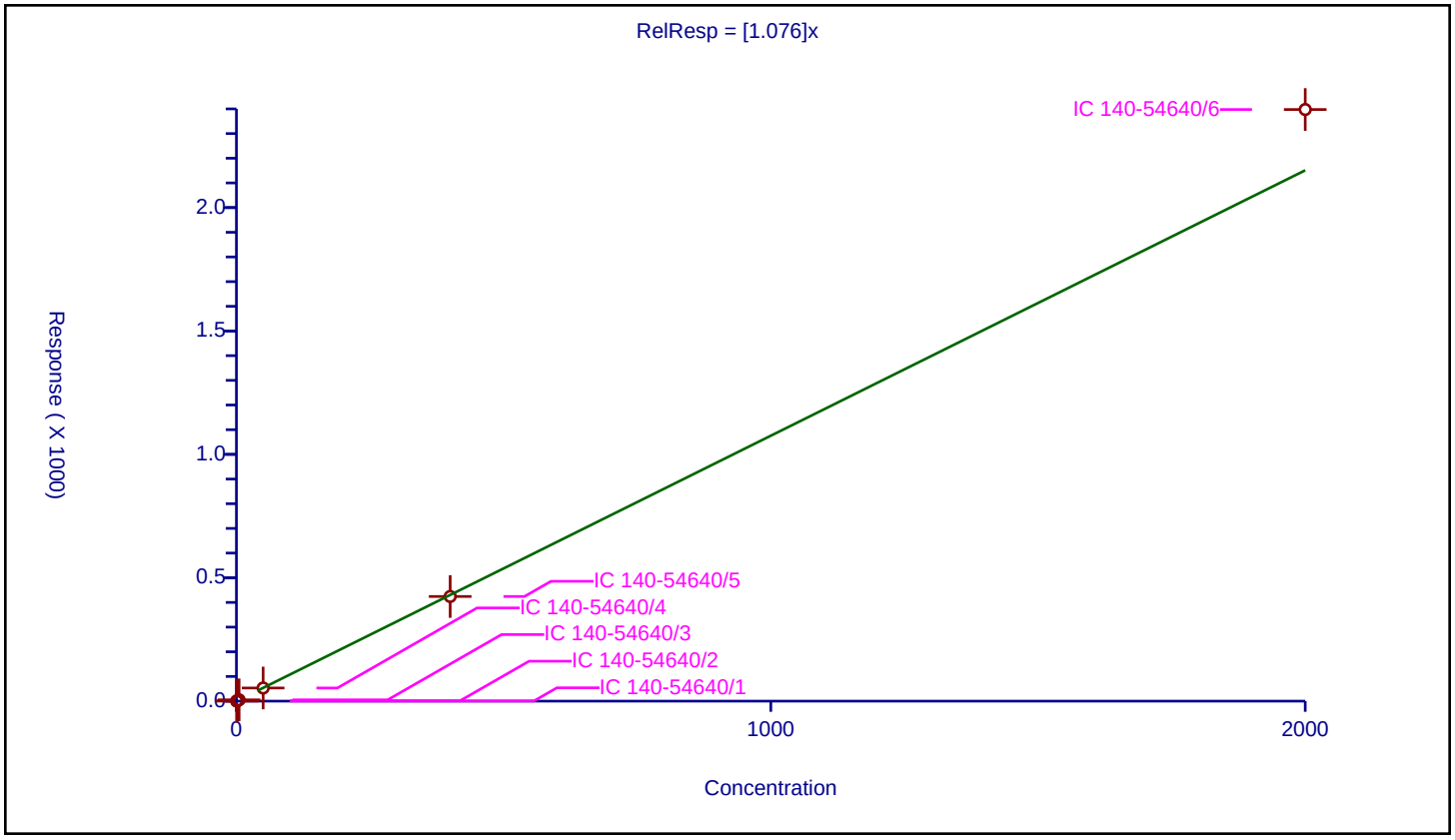
Curve Coefficients

Intercept:	0
Slope:	1.076

Error Coefficients

Standard Error:	222000000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.514189	100.0	19615944.0	1.028378	Y
2	IC 140-54640/2	1.0	1.049493	100.0	20452074.0	1.049493	Y
3	IC 140-54640/3	5.0	5.254934	100.0	20929435.0	1.050987	Y
4	IC 140-54640/4	50.0	53.263922	100.0	19754655.0	1.065278	Y
5	IC 140-54640/5	400.0	424.145066	100.0	19973025.0	1.060363	Y
6	IC 140-54640/6	2000.0	2397.361833	100.0	20439759.0	1.198681	Y



Calibration / PCB-106

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

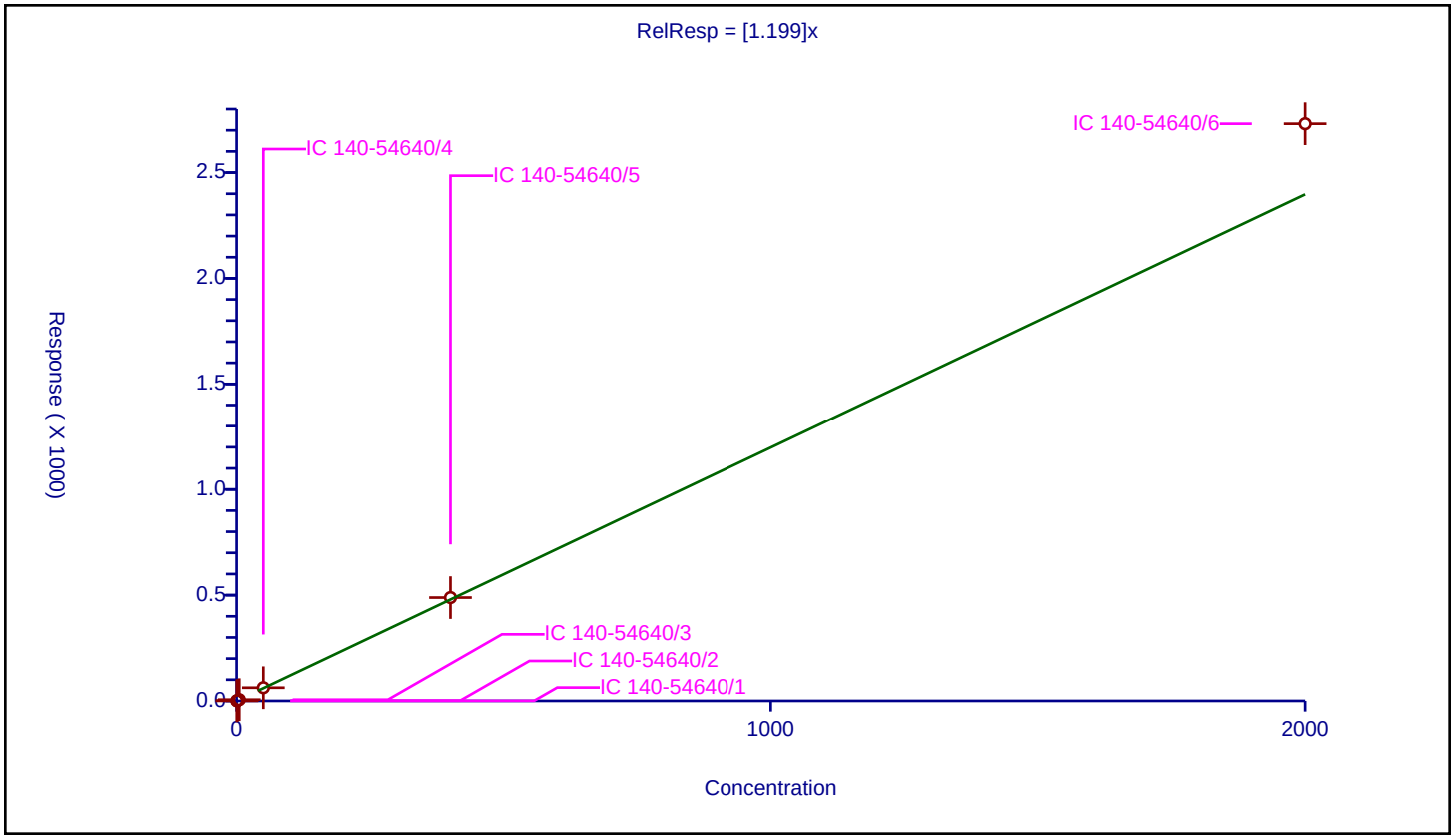
Curve Coefficients

Intercept:	0
Slope:	1.199

Error Coefficients

Standard Error:	252000000
Relative Standard Error:	9.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.512315	100.0	19219213.0	1.024631	Y
2	IC 140-54640/2	1.0	1.156047	100.0	19766926.0	1.156047	Y
3	IC 140-54640/3	5.0	5.896214	100.0	20254098.0	1.179243	Y
4	IC 140-54640/4	50.0	62.229812	100.0	19312906.0	1.244596	Y
5	IC 140-54640/5	400.0	488.555615	100.0	19753363.0	1.221389	Y
6	IC 140-54640/6	2000.0	2730.896051	100.0	20297251.0	1.365448	Y



Calibration / PCB-107

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

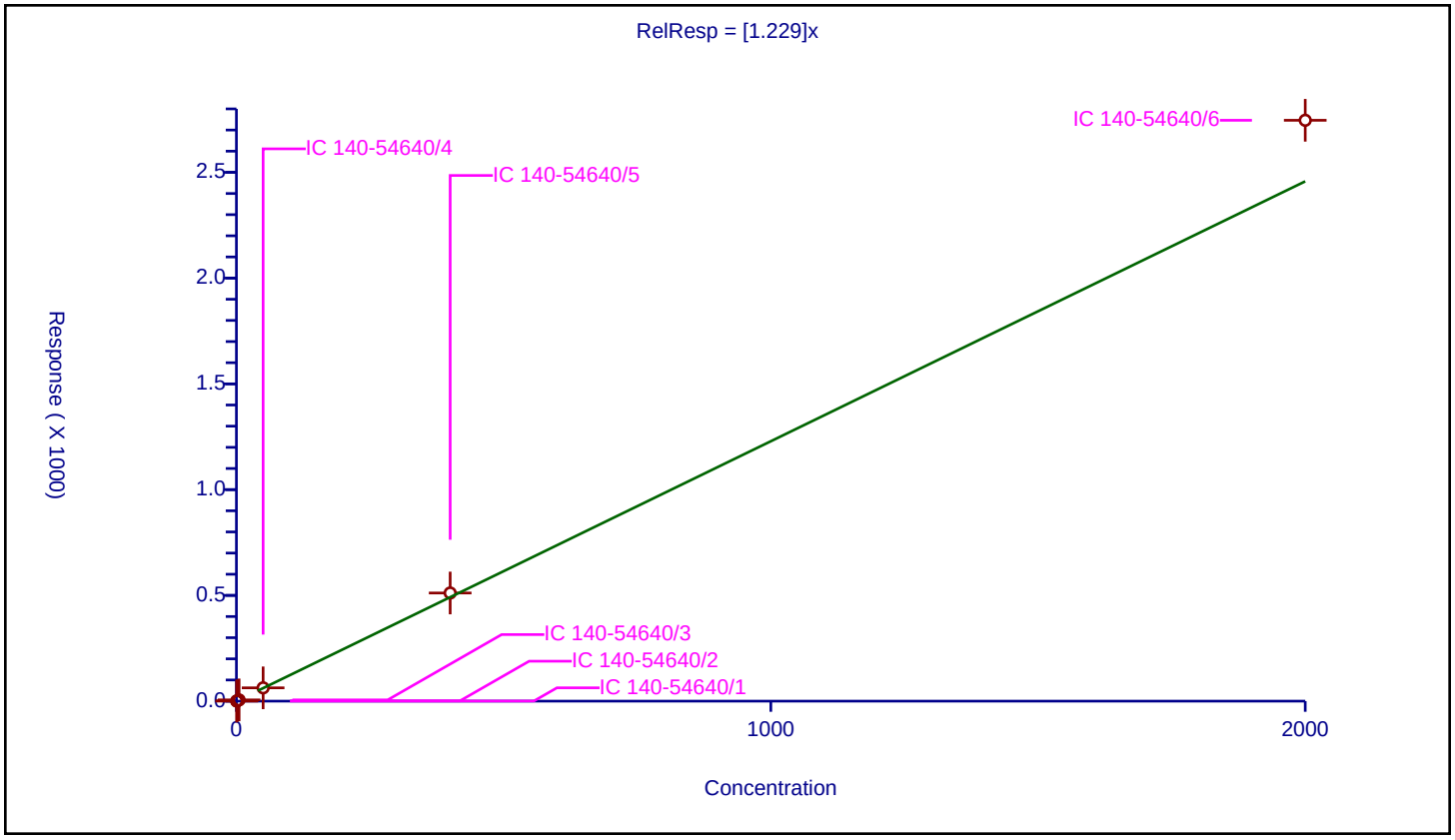
Curve Coefficients

Intercept:	0
Slope:	1.229

Error Coefficients

Standard Error:	253000000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.581246	100.0	19219213.0	1.162493	Y
2	IC 140-54640/2	1.0	1.127236	100.0	19766926.0	1.127236	Y
3	IC 140-54640/3	5.0	5.867065	100.0	20254098.0	1.173413	Y
4	IC 140-54640/4	50.0	62.886911	100.0	19312906.0	1.257738	Y
5	IC 140-54640/5	400.0	511.326892	100.0	19753363.0	1.278317	Y
6	IC 140-54640/6	2000.0	2746.045763	100.0	20297251.0	1.373023	Y



Calibration / PCB-108

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

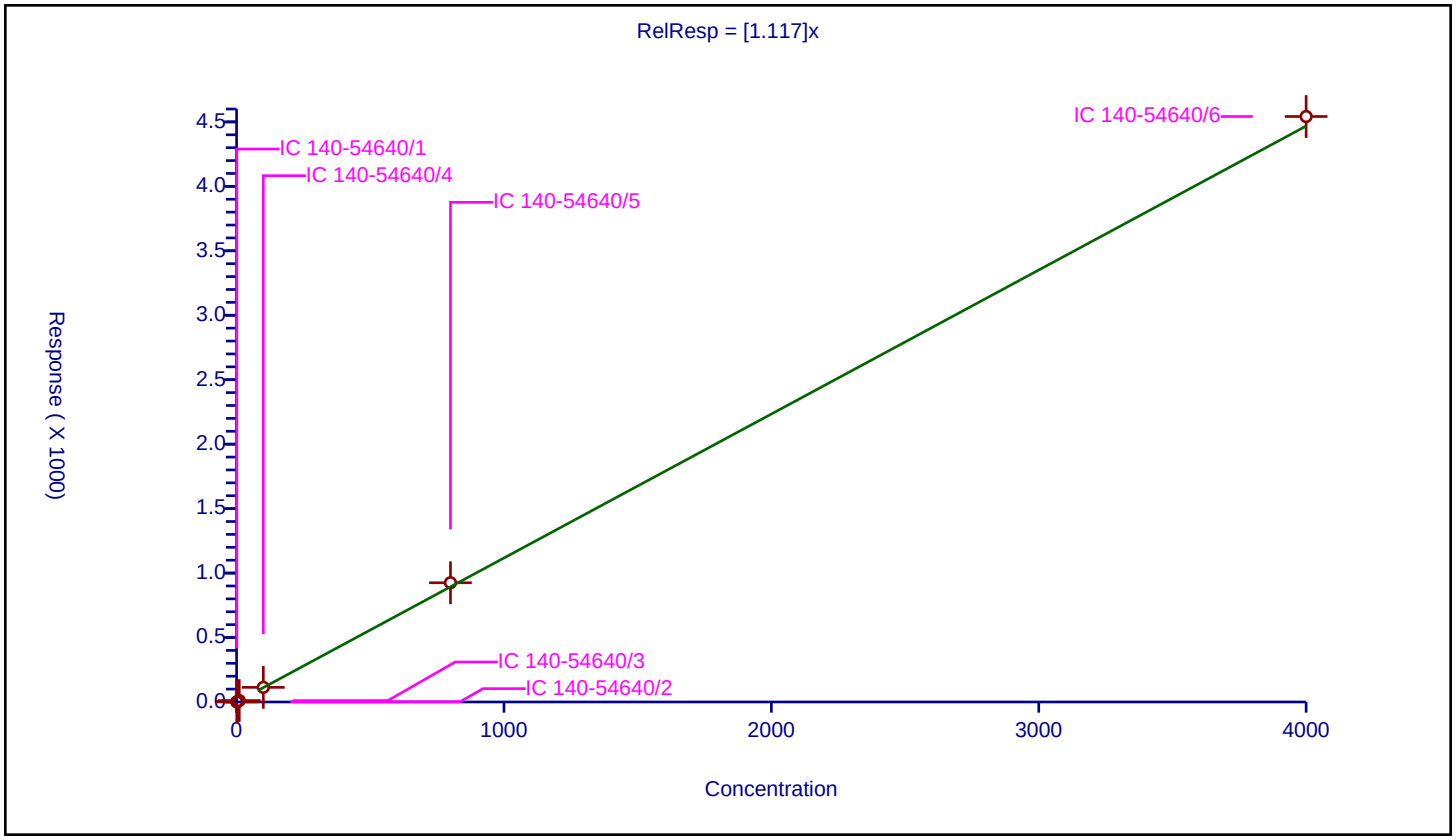
Curve Coefficients

Intercept:	0
Slope:	1.117

Error Coefficients

Standard Error:	420000000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.122018	100.0	19219213.0	1.122018	Y
2	IC 140-54640/2	2.0	2.080369	100.0	19766926.0	1.040184	Y
3	IC 140-54640/3	10.0	11.123798	100.0	20254098.0	1.11238	Y
4	IC 140-54640/4	100.0	113.553294	100.0	19312906.0	1.135533	Y
5	IC 140-54640/5	800.0	924.902863	100.0	19753363.0	1.156129	Y
6	IC 140-54640/6	4000.0	4541.952726	100.0	20297251.0	1.135488	Y



Calibration / PCB-108/124

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

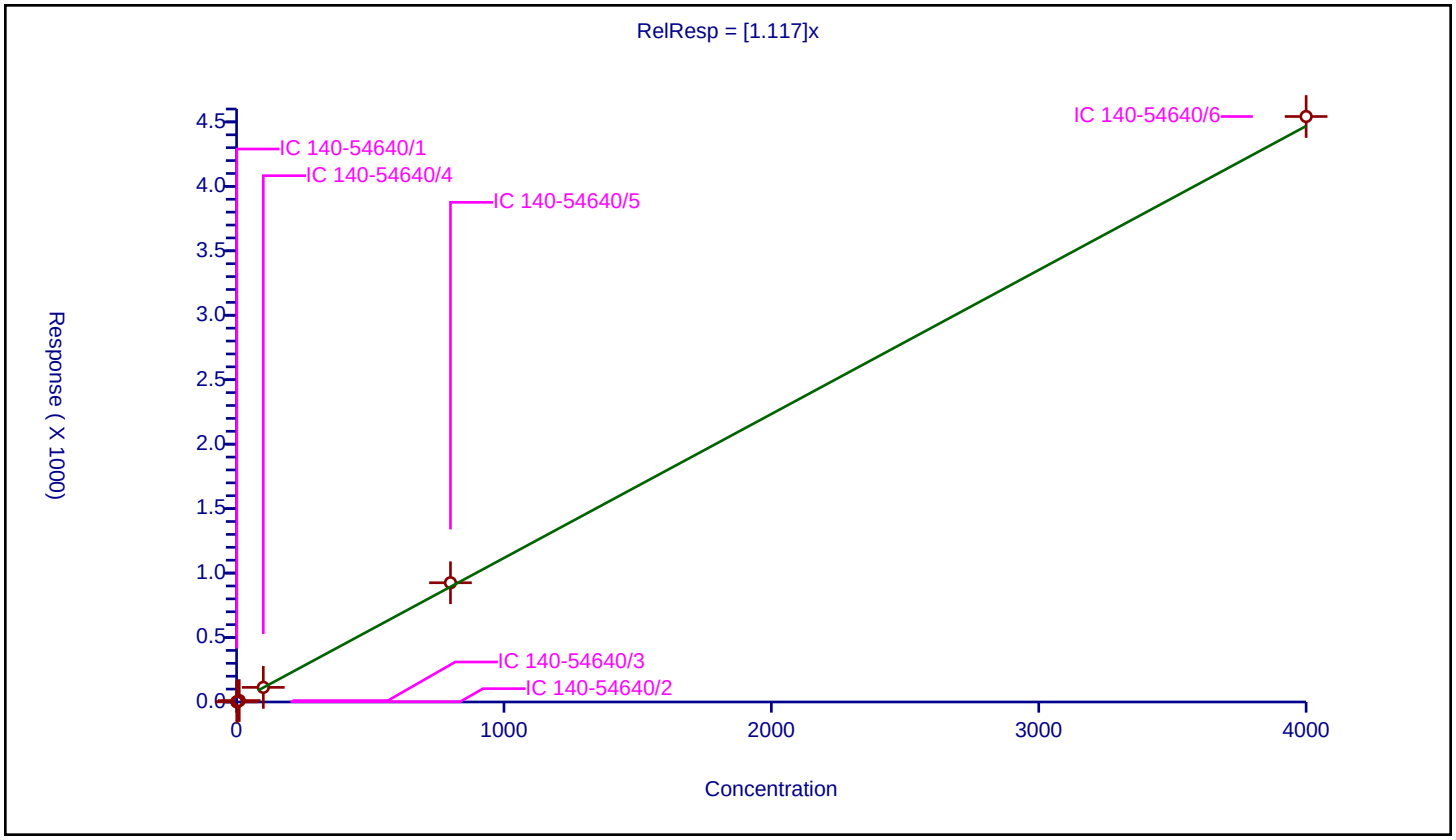
Curve Coefficients

Intercept:	0
Slope:	1.117

Error Coefficients

Standard Error:	420000000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.122018	100.0	19219213.0	1.122018	Y
2	IC 140-54640/2	2.0	2.080369	100.0	19766926.0	1.040184	Y
3	IC 140-54640/3	10.0	11.123798	100.0	20254098.0	1.11238	Y
4	IC 140-54640/4	100.0	113.553294	100.0	19312906.0	1.135533	Y
5	IC 140-54640/5	800.0	924.902863	100.0	19753363.0	1.156129	Y
6	IC 140-54640/6	4000.0	4541.952726	100.0	20297251.0	1.135488	Y



Calibration / PCB-109

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

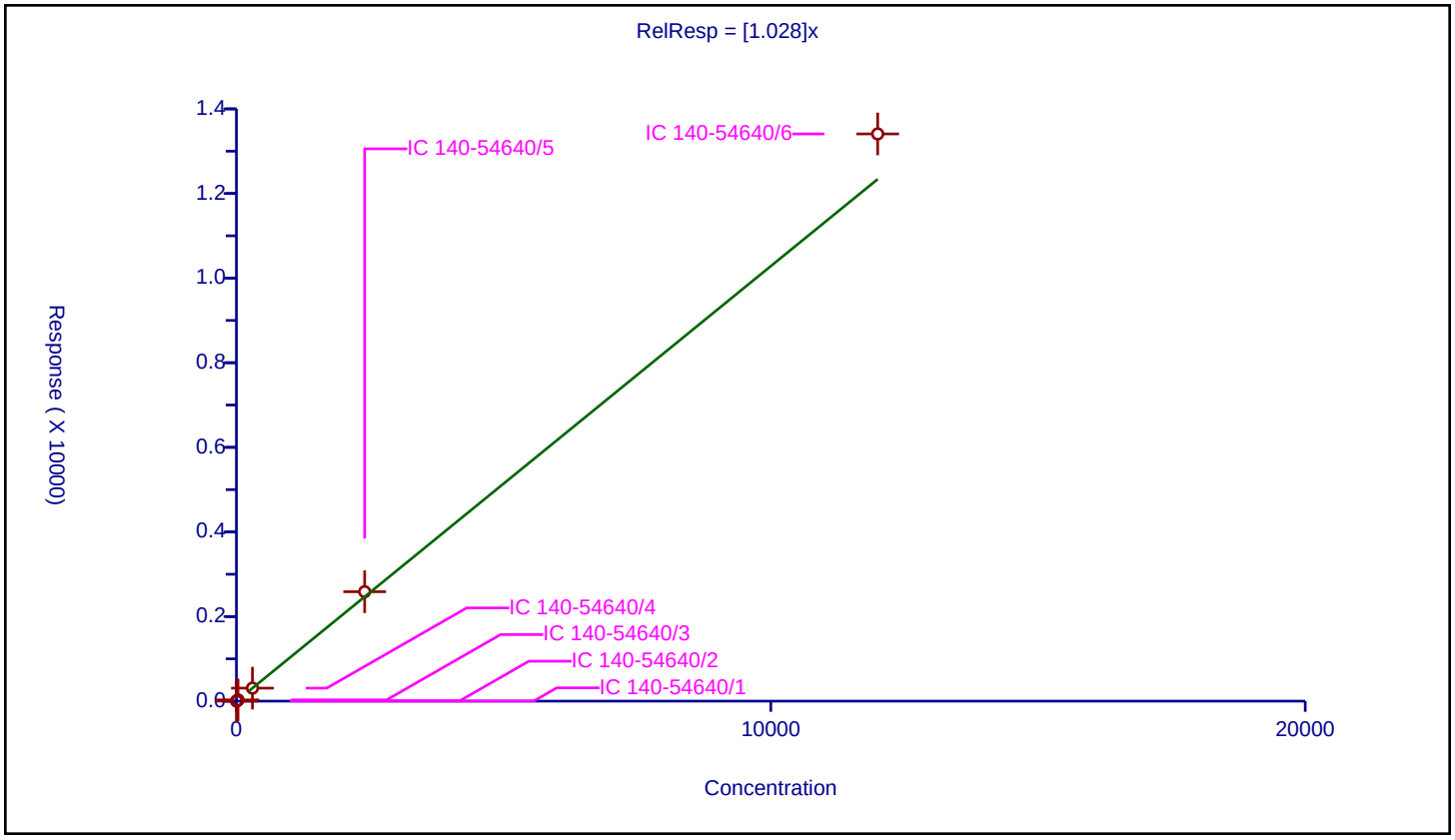
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	853000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	3.0	2.989605	100.0	14547508.0	0.996535	Y
2	IC 140-54640/2	6.0	5.873582	100.0	14512098.0	0.97893	Y
3	IC 140-54640/3	30.0	29.239519	100.0	14900618.0	0.974651	Y
4	IC 140-54640/4	300.0	307.319192	100.0	13896644.0	1.024397	Y
5	IC 140-54640/5	2400.0	2586.718116	100.0	13761361.0	1.077799	Y
6	IC 140-54640/6	12000.0	13408.404677	100.0	13976634.0	1.117367	Y



Calibration / PCB-11

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

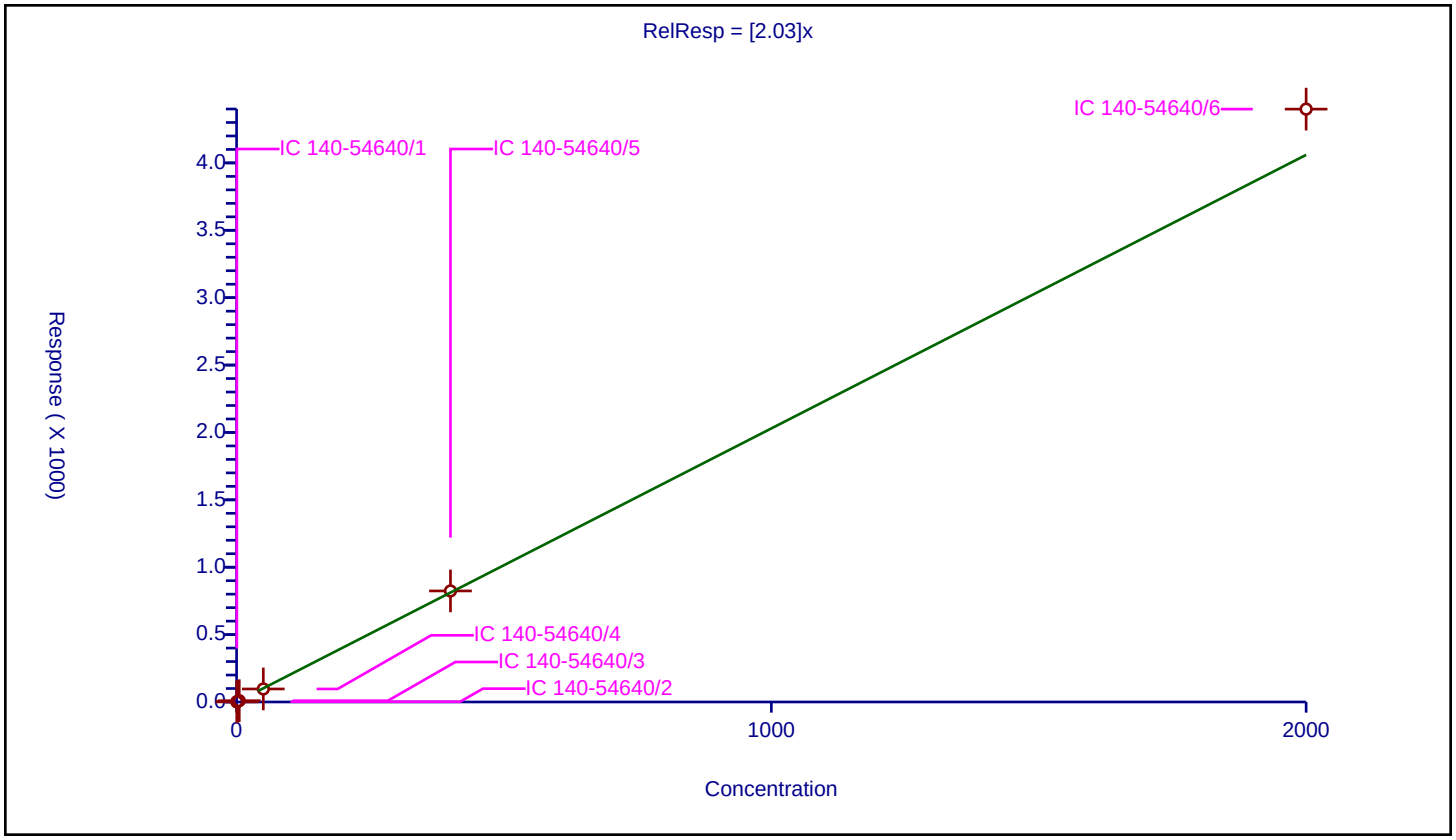
Curve Coefficients

Intercept:	0
Slope:	2.03

Error Coefficients

Standard Error:	247000000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	1.037669	100.0	12405884.0	2.075338	Y
2	IC 140-54640/2	1.0	1.993411	100.0	12725624.0	1.993411	Y
3	IC 140-54640/3	5.0	9.582243	100.0	12672398.0	1.916449	Y
4	IC 140-54640/4	50.0	96.707541	100.0	12271526.0	1.934151	Y
5	IC 140-54640/5	400.0	823.982542	100.0	11924149.0	2.059956	Y
6	IC 140-54640/6	2000.0	4399.245394	100.0	12348832.0	2.199623	Y



Calibration / PCB-110

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

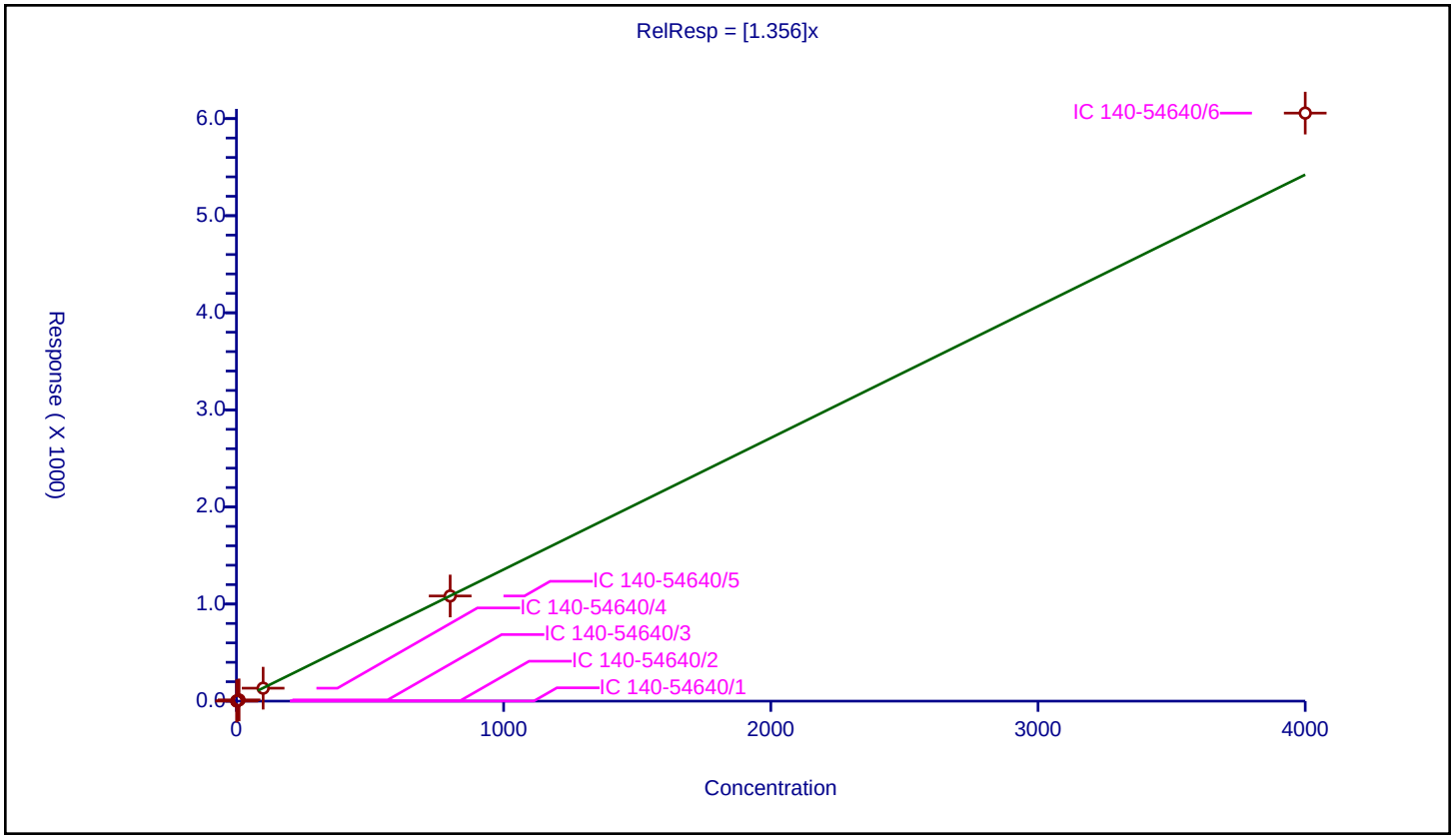
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Standard Error:	384000000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.348918	100.0	14547508.0	1.348918	Y
2	IC 140-54640/2	2.0	2.616224	100.0	14512098.0	1.308112	Y
3	IC 140-54640/3	10.0	12.746471	100.0	14900618.0	1.274647	Y
4	IC 140-54640/4	100.0	133.39307	100.0	13896644.0	1.333931	Y
5	IC 140-54640/5	800.0	1083.03566	100.0	13761361.0	1.353795	Y
6	IC 140-54640/6	4000.0	6056.640669	100.0	13976634.0	1.51416	Y



Calibration / PCB-110/115

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

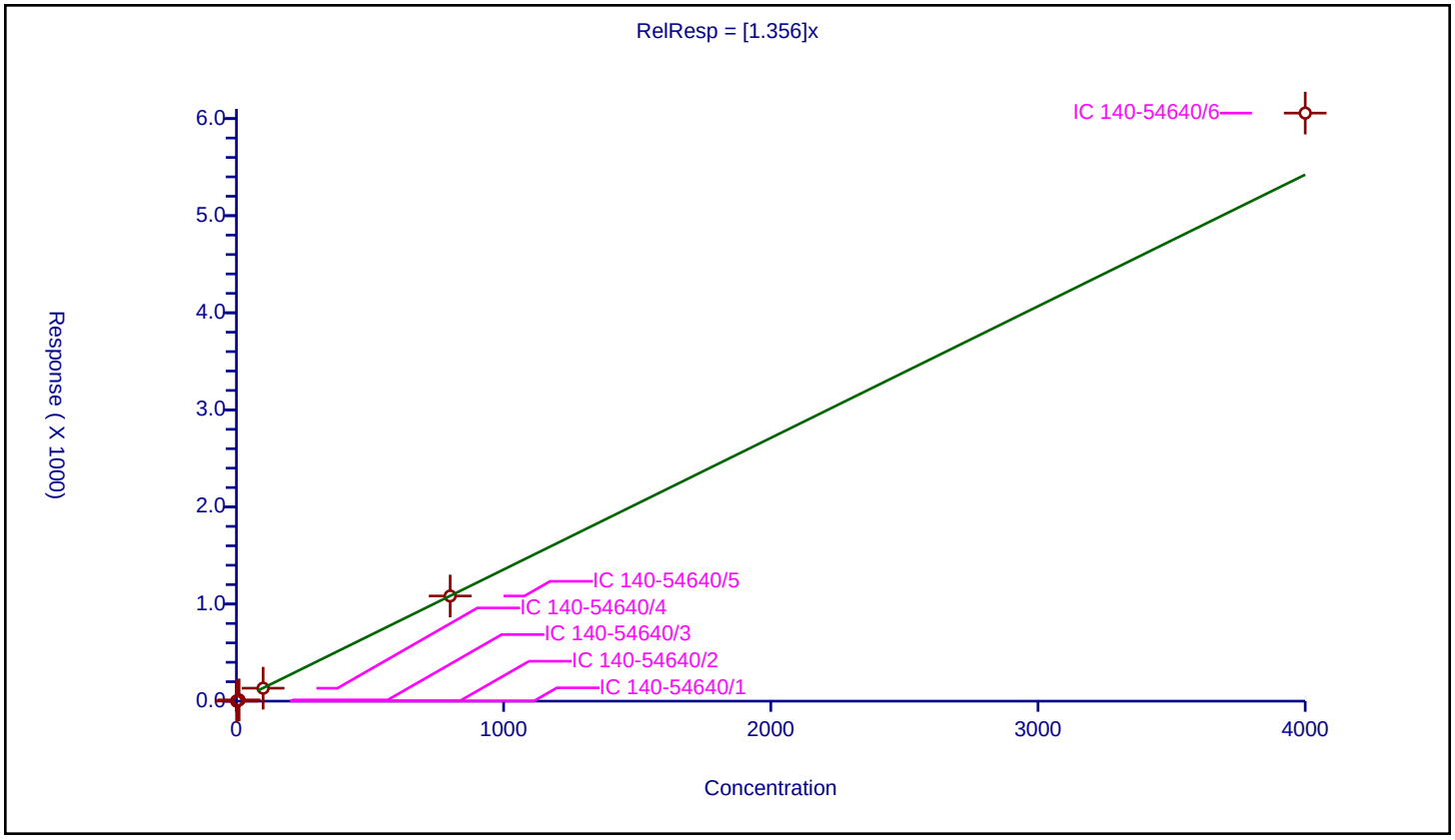
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Standard Error:	384000000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.348918	100.0	14547508.0	1.348918	Y
2	IC 140-54640/2	2.0	2.616224	100.0	14512098.0	1.308112	Y
3	IC 140-54640/3	10.0	12.746471	100.0	14900618.0	1.274647	Y
4	IC 140-54640/4	100.0	133.39307	100.0	13896644.0	1.333931	Y
5	IC 140-54640/5	800.0	1083.03566	100.0	13761361.0	1.353795	Y
6	IC 140-54640/6	4000.0	6056.640669	100.0	13976634.0	1.51416	Y



Calibration / PCB-111

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

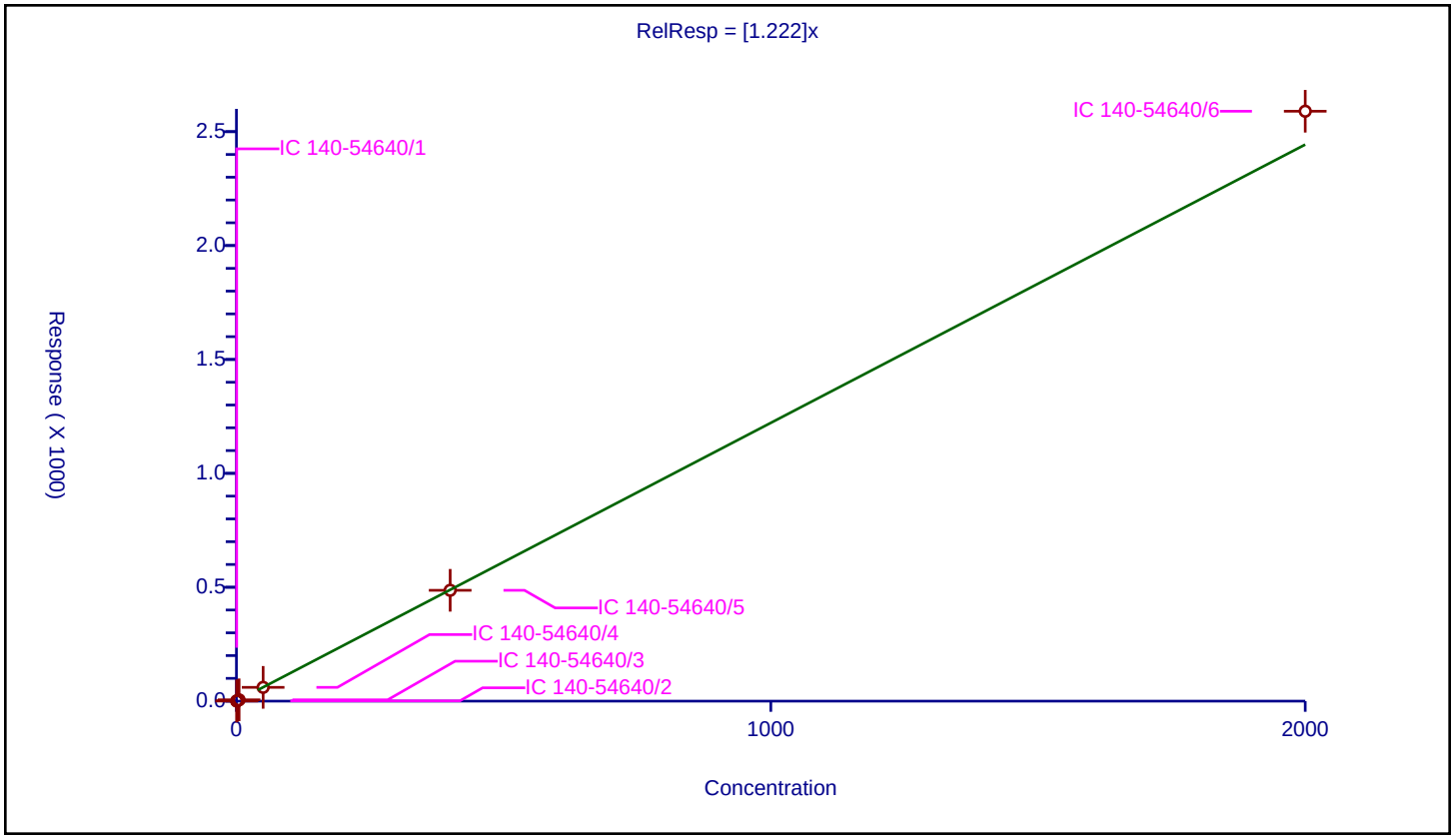
Curve Coefficients

Intercept:	0
Slope:	1.222

Error Coefficients

Standard Error:	165000000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.624726	100.0	14547508.0	1.249451	Y
2	IC 140-54640/2	1.0	1.190979	100.0	14512098.0	1.190979	Y
3	IC 140-54640/3	5.0	5.837228	100.0	14900618.0	1.167446	Y
4	IC 140-54640/4	50.0	60.536616	100.0	13896644.0	1.210732	Y
5	IC 140-54640/5	400.0	486.590033	100.0	13761361.0	1.216475	Y
6	IC 140-54640/6	2000.0	2589.740856	100.0	13976634.0	1.29487	Y



Calibration / PCB-111L

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

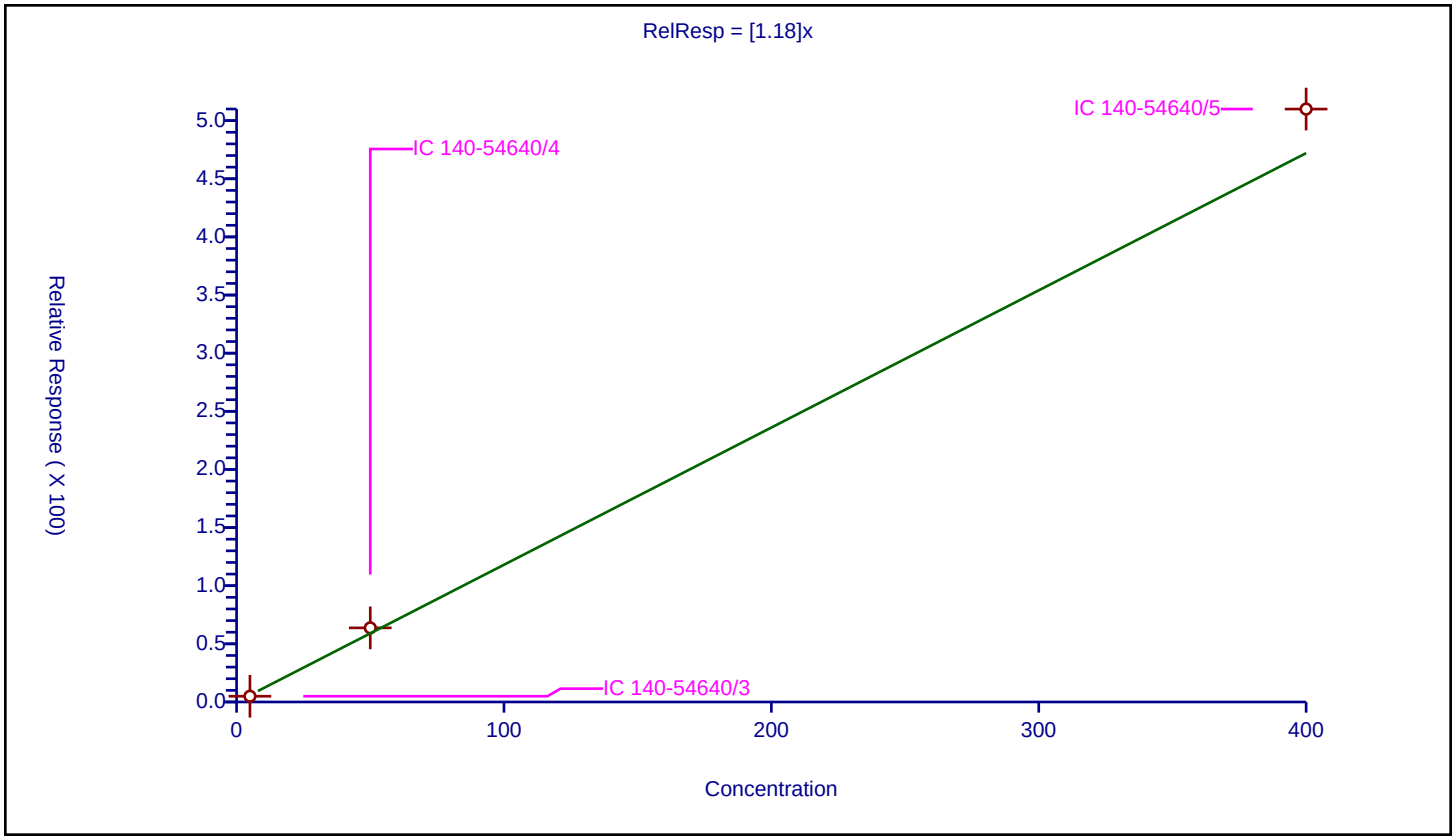
Curve Coefficients

Intercept:	0
Slope:	1.18

Error Coefficients

Standard Error:	42300000
Relative Standard Error:	13.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.982

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/3	5.0	4.952816	100.0	12077775.0	0.990563	Y
2	IC 140-54640/4	50.0	63.747059	100.0	11799247.0	1.274941	Y
3	IC 140-54640/5	400.0	509.950104	100.0	11643587.0	1.274875	Y



Calibration / PCB-112

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

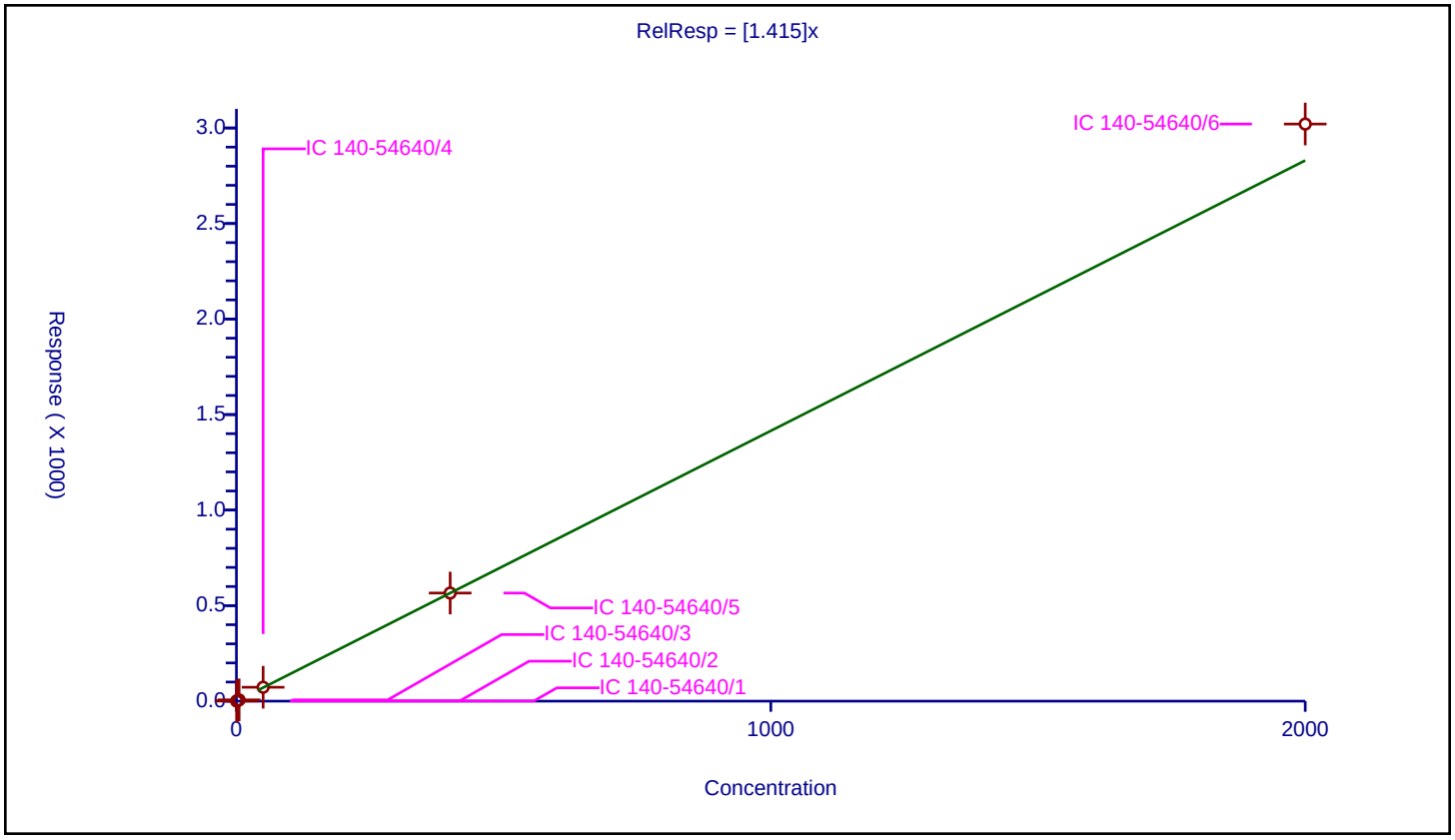
Curve Coefficients

Intercept:	0
Slope:	1.415

Error Coefficients

Standard Error:	192000000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.696202	100.0	14547508.0	1.392403	Y
2	IC 140-54640/2	1.0	1.398406	100.0	14512098.0	1.398406	Y
3	IC 140-54640/3	5.0	6.595102	100.0	14900618.0	1.31902	Y
4	IC 140-54640/4	50.0	72.763618	100.0	13896644.0	1.455272	Y
5	IC 140-54640/5	400.0	565.854729	100.0	13761361.0	1.414637	Y
6	IC 140-54640/6	2000.0	3020.655417	100.0	13976634.0	1.510328	Y



Calibration / PCB-113

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

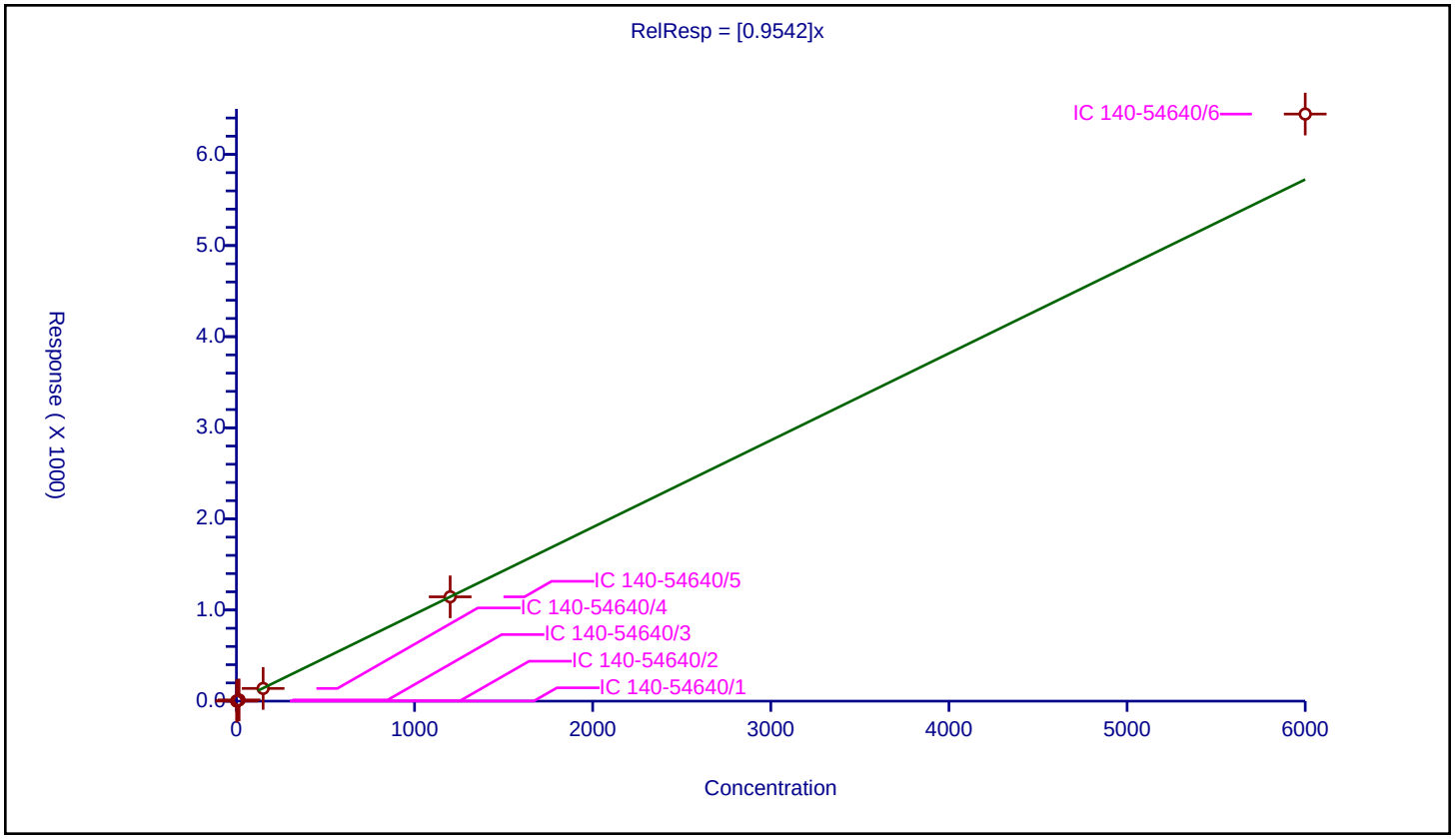
Curve Coefficients

Intercept:	0
Slope:	0.9542

Error Coefficients

Standard Error:	409000000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.413974	100.0	14547508.0	0.942649	Y
2	IC 140-54640/2	3.0	2.790141	100.0	14512098.0	0.930047	Y
3	IC 140-54640/3	15.0	13.420732	100.0	14900618.0	0.894715	Y
4	IC 140-54640/4	150.0	139.507704	100.0	13896644.0	0.930051	Y
5	IC 140-54640/5	1200.0	1144.848638	100.0	13761361.0	0.954041	Y
6	IC 140-54640/6	6000.0	6443.238265	100.0	13976634.0	1.073873	Y



Calibration / PCB-114

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

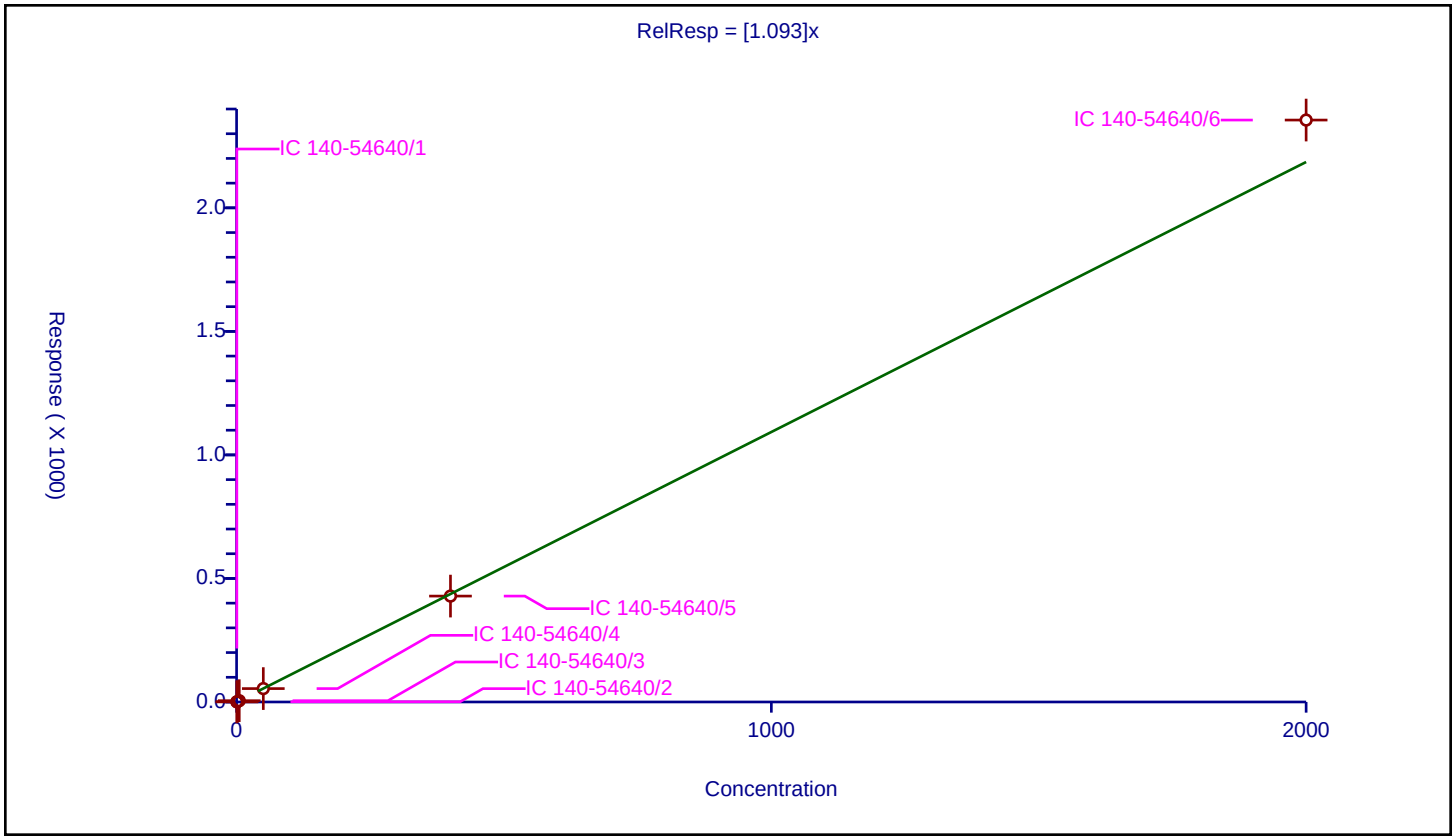
Curve Coefficients

Intercept:	0
Slope:	1.093

Error Coefficients

Standard Error:	221000000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.562521	100.0	19967608.0	1.125042	Y
2	IC 140-54640/2	1.0	1.047053	100.0	20635249.0	1.047053	Y
3	IC 140-54640/3	5.0	5.252972	100.0	21305579.0	1.050594	Y
4	IC 140-54640/4	50.0	54.223718	100.0	20272944.0	1.084474	Y
5	IC 140-54640/5	400.0	428.655934	100.0	20407403.0	1.07164	Y
6	IC 140-54640/6	2000.0	2355.31828	100.0	20672490.0	1.177659	Y



Calibration / PCB-115

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

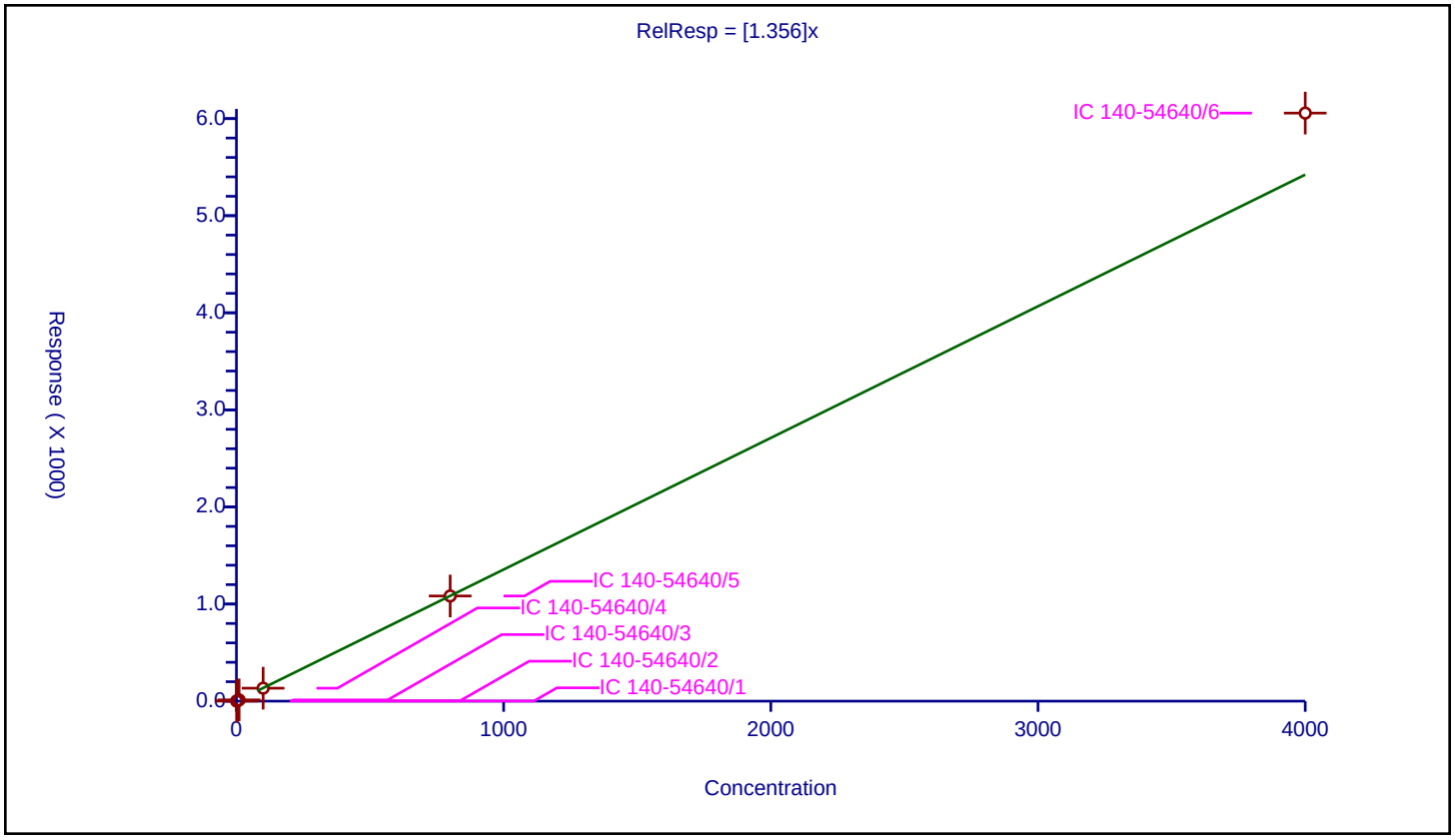
Curve Coefficients

Intercept:	0
Slope:	1.356

Error Coefficients

Standard Error:	384000000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.348918	100.0	14547508.0	1.348918	Y
2	IC 140-54640/2	2.0	2.616224	100.0	14512098.0	1.308112	Y
3	IC 140-54640/3	10.0	12.746471	100.0	14900618.0	1.274647	Y
4	IC 140-54640/4	100.0	133.39307	100.0	13896644.0	1.333931	Y
5	IC 140-54640/5	800.0	1083.03566	100.0	13761361.0	1.353795	Y
6	IC 140-54640/6	4000.0	6056.640669	100.0	13976634.0	1.51416	Y



Calibration / PCB-116

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

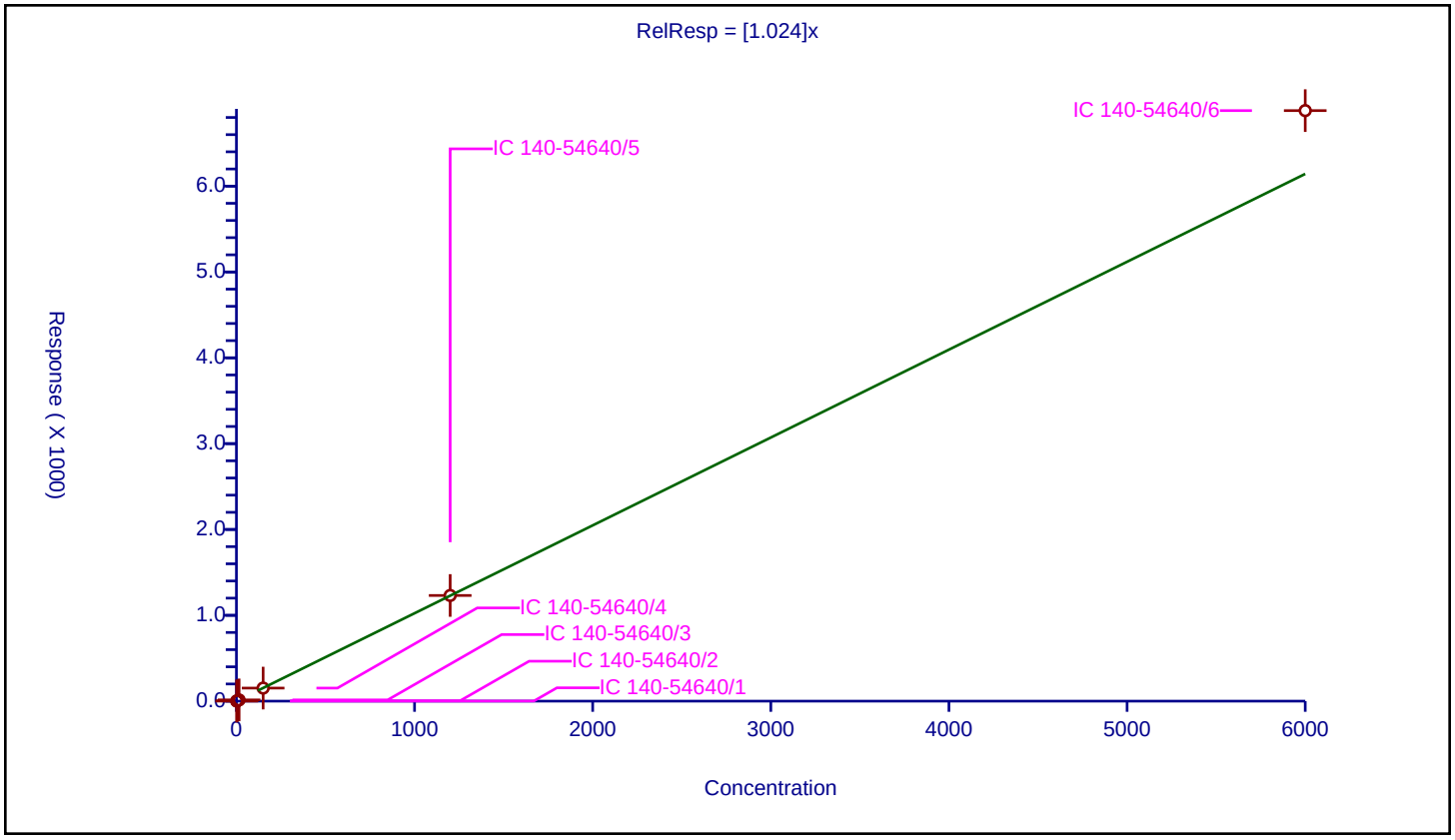
Curve Coefficients

Intercept:	0
Slope:	1.024

Error Coefficients

Standard Error:	437000000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.528296	100.0	14547508.0	1.018864	Y
2	IC 140-54640/2	3.0	2.933676	100.0	14512098.0	0.977892	Y
3	IC 140-54640/3	15.0	14.386967	100.0	14900618.0	0.959131	Y
4	IC 140-54640/4	150.0	152.114719	100.0	13896644.0	1.014098	Y
5	IC 140-54640/5	1200.0	1231.161881	100.0	13761361.0	1.025968	Y
6	IC 140-54640/6	6000.0	6879.854964	100.0	13976634.0	1.146642	Y



Calibration / PCB-117

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

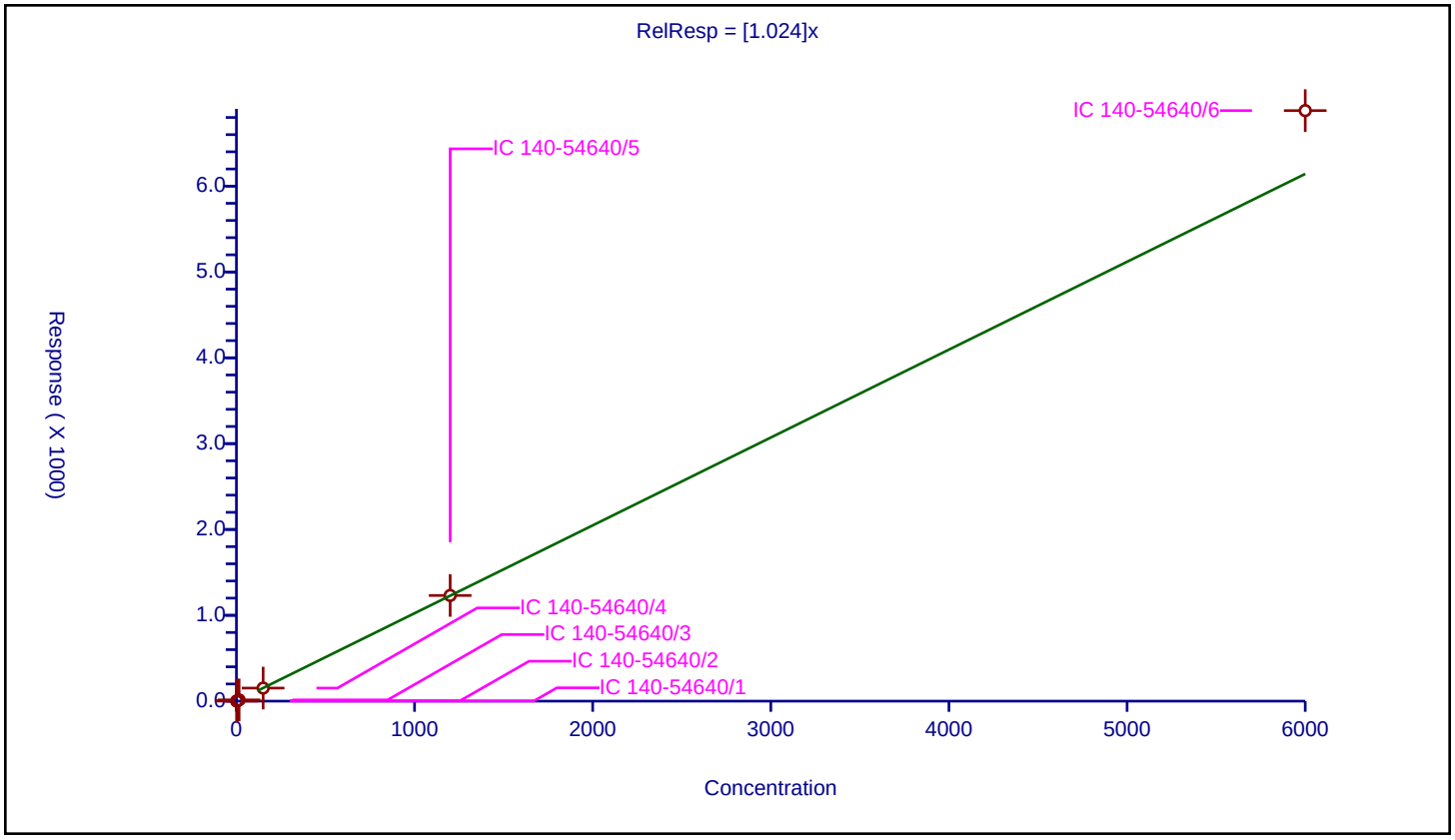
Curve Coefficients

Intercept:	0
Slope:	1.024

Error Coefficients

Standard Error:	437000000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.528296	100.0	14547508.0	1.018864	Y
2	IC 140-54640/2	3.0	2.933676	100.0	14512098.0	0.977892	Y
3	IC 140-54640/3	15.0	14.386967	100.0	14900618.0	0.959131	Y
4	IC 140-54640/4	150.0	152.114719	100.0	13896644.0	1.014098	Y
5	IC 140-54640/5	1200.0	1231.161881	100.0	13761361.0	1.025968	Y
6	IC 140-54640/6	6000.0	6879.854964	100.0	13976634.0	1.146642	Y



Calibration / PCB-118

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

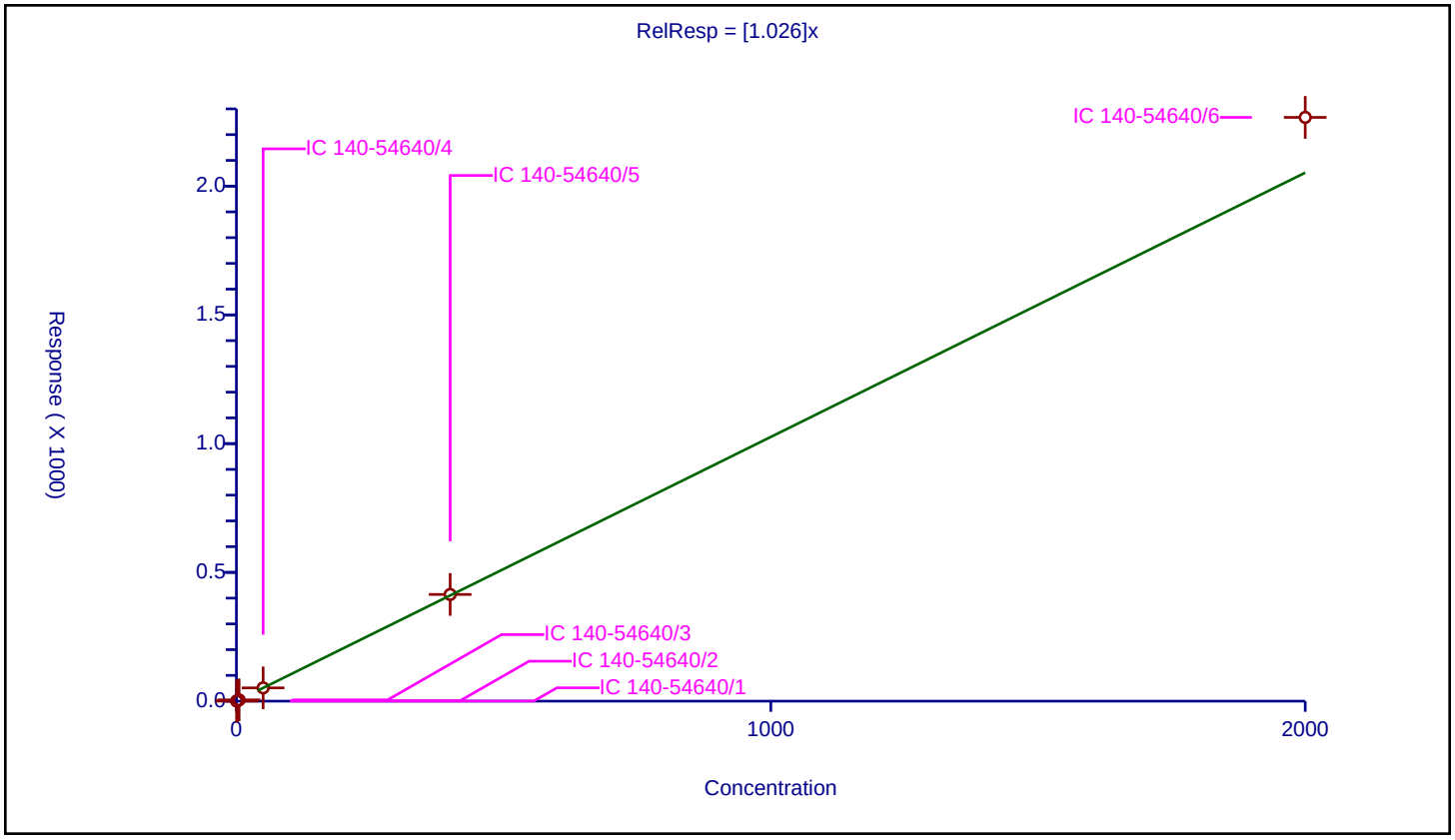
Curve Coefficients

Intercept:	0
Slope:	1.026

Error Coefficients

Standard Error:	213000000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.477215	100.0	19552203.0	0.95443	Y
2	IC 140-54640/2	1.0	1.017885	100.0	20525599.0	1.017885	Y
3	IC 140-54640/3	5.0	4.928498	100.0	21648563.0	0.9857	Y
4	IC 140-54640/4	50.0	51.460343	100.0	20792372.0	1.029207	Y
5	IC 140-54640/5	400.0	414.268985	100.0	20396826.0	1.035672	Y
6	IC 140-54640/6	2000.0	2266.961894	100.0	20687454.0	1.133481	Y



Calibration / PCB-119

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

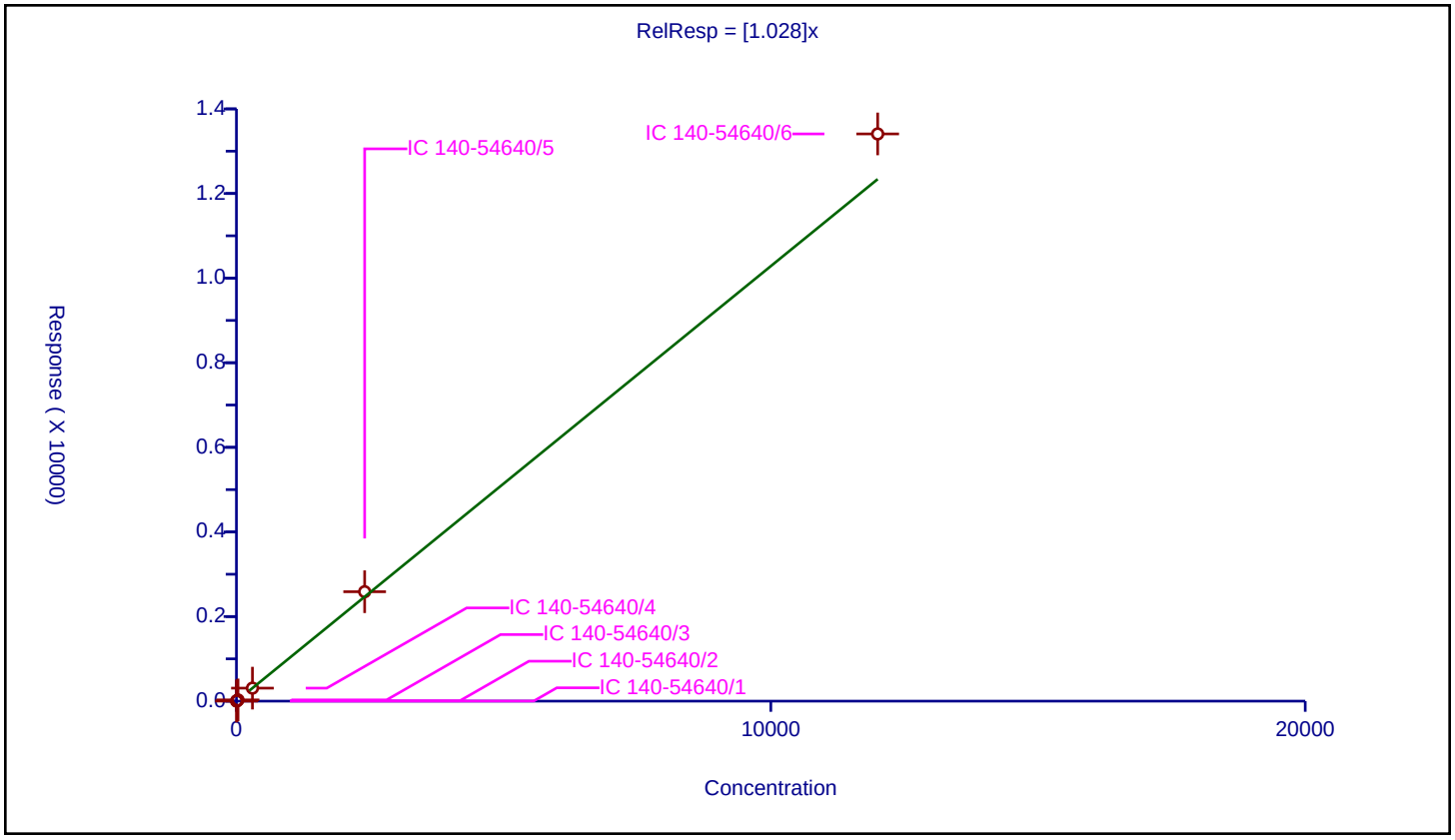
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	853000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	3.0	2.989605	100.0	14547508.0	0.996535	Y
2	IC 140-54640/2	6.0	5.873582	100.0	14512098.0	0.97893	Y
3	IC 140-54640/3	30.0	29.239519	100.0	14900618.0	0.974651	Y
4	IC 140-54640/4	300.0	307.319192	100.0	13896644.0	1.024397	Y
5	IC 140-54640/5	2400.0	2586.718116	100.0	13761361.0	1.077799	Y
6	IC 140-54640/6	12000.0	13408.404677	100.0	13976634.0	1.117367	Y



Calibration / PCB-12

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

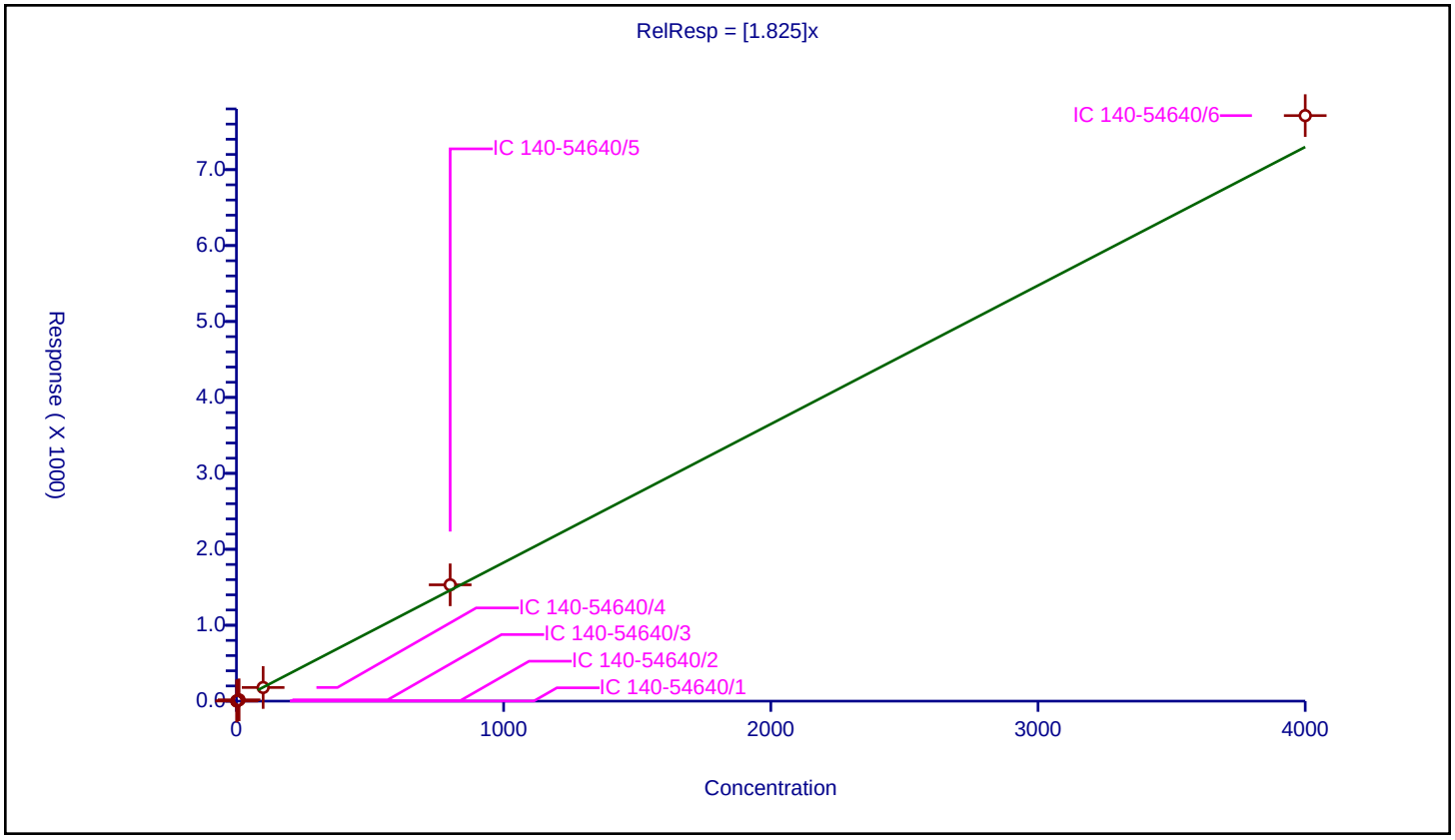
Curve Coefficients

Intercept:	0
Slope:	1.825

Error Coefficients

Standard Error:	434000000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.755473	100.0	12405884.0	1.755473	Y
2	IC 140-54640/2	2.0	3.623123	100.0	12725624.0	1.811561	Y
3	IC 140-54640/3	10.0	17.394182	100.0	12672398.0	1.739418	Y
4	IC 140-54640/4	100.0	179.826201	100.0	12271526.0	1.798262	Y
5	IC 140-54640/5	800.0	1532.153381	100.0	11924149.0	1.915192	Y
6	IC 140-54640/6	4000.0	7711.704977	100.0	12348832.0	1.927926	Y



Calibration / PCB-12/13

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

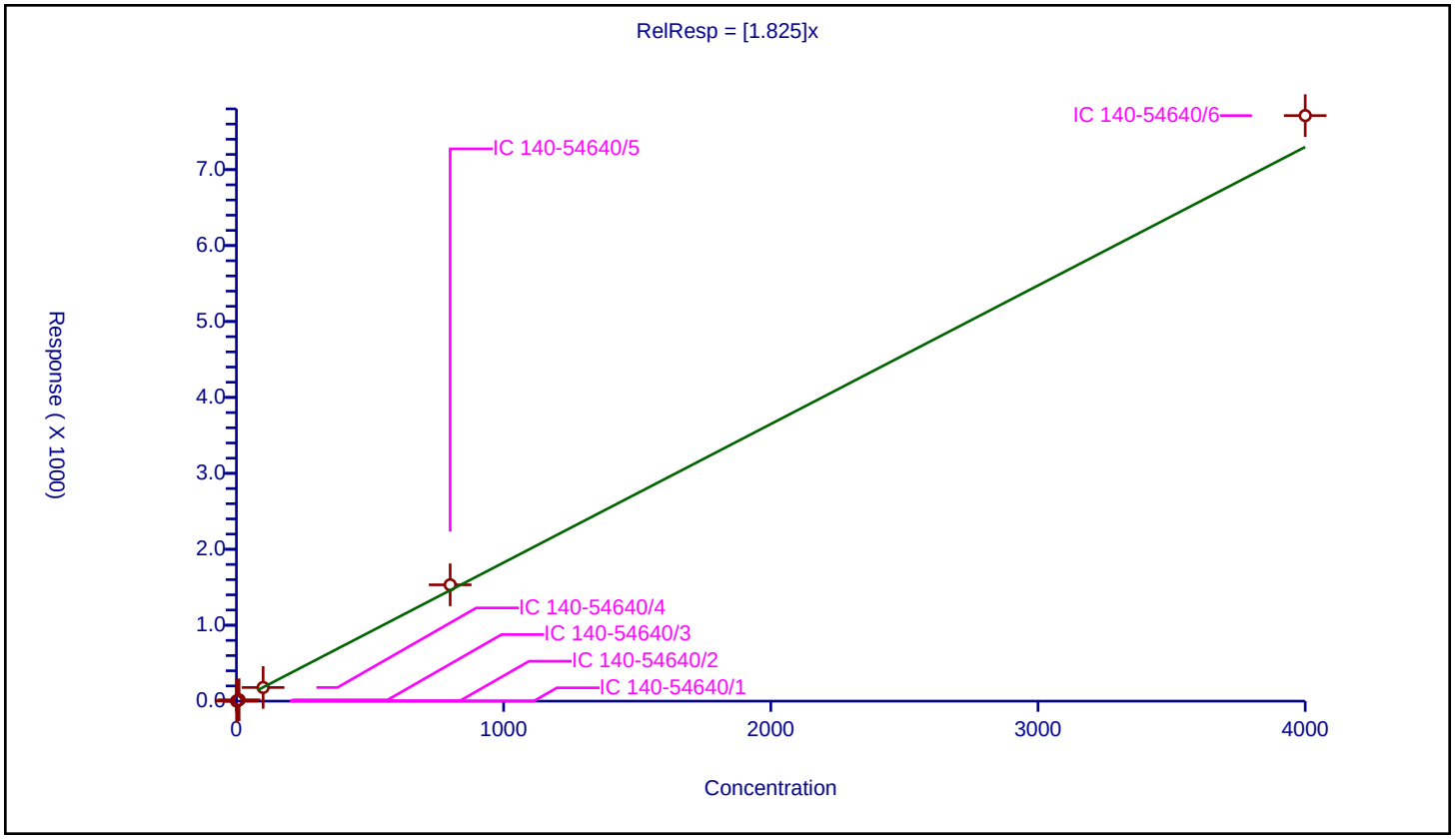
Curve Coefficients

Intercept:	0
Slope:	1.825

Error Coefficients

Standard Error:	434000000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.755473	100.0	12405884.0	1.755473	Y
2	IC 140-54640/2	2.0	3.623123	100.0	12725624.0	1.811561	Y
3	IC 140-54640/3	10.0	17.394182	100.0	12672398.0	1.739418	Y
4	IC 140-54640/4	100.0	179.826201	100.0	12271526.0	1.798262	Y
5	IC 140-54640/5	800.0	1532.153381	100.0	11924149.0	1.915192	Y
6	IC 140-54640/6	4000.0	7711.704977	100.0	12348832.0	1.927926	Y



Calibration / PCB-120

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

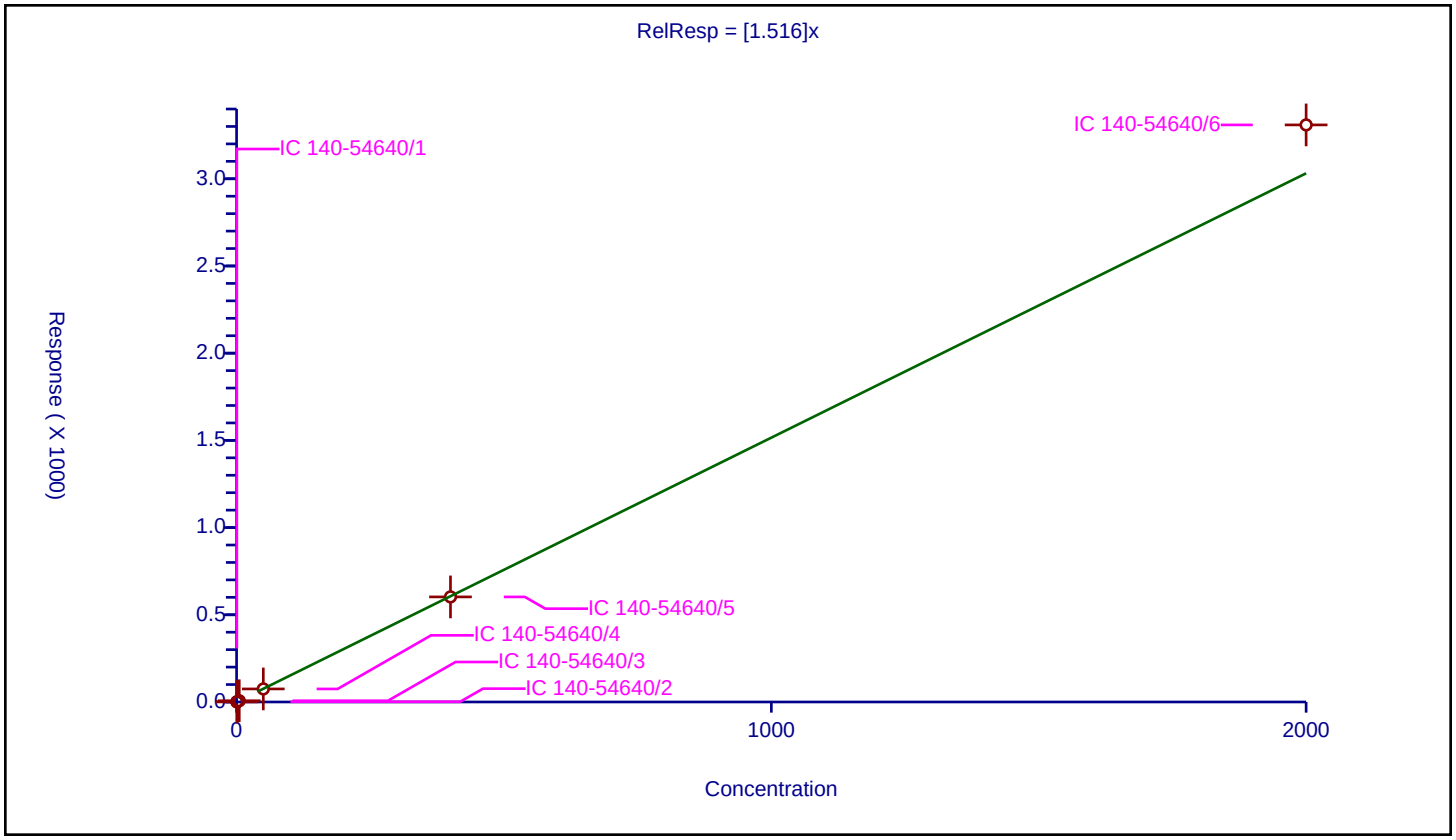
Curve Coefficients

Intercept:	0
Slope:	1.516

Error Coefficients

Standard Error:	210000000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.777762	100.0	14547508.0	1.555524	Y
2	IC 140-54640/2	1.0	1.451086	100.0	14512098.0	1.451086	Y
3	IC 140-54640/3	5.0	7.155341	100.0	14900618.0	1.431068	Y
4	IC 140-54640/4	50.0	74.780379	100.0	13896644.0	1.495608	Y
5	IC 140-54640/5	400.0	602.537569	100.0	13761361.0	1.506344	Y
6	IC 140-54640/6	2000.0	3308.915416	100.0	13976634.0	1.654458	Y



Calibration / PCB-121

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

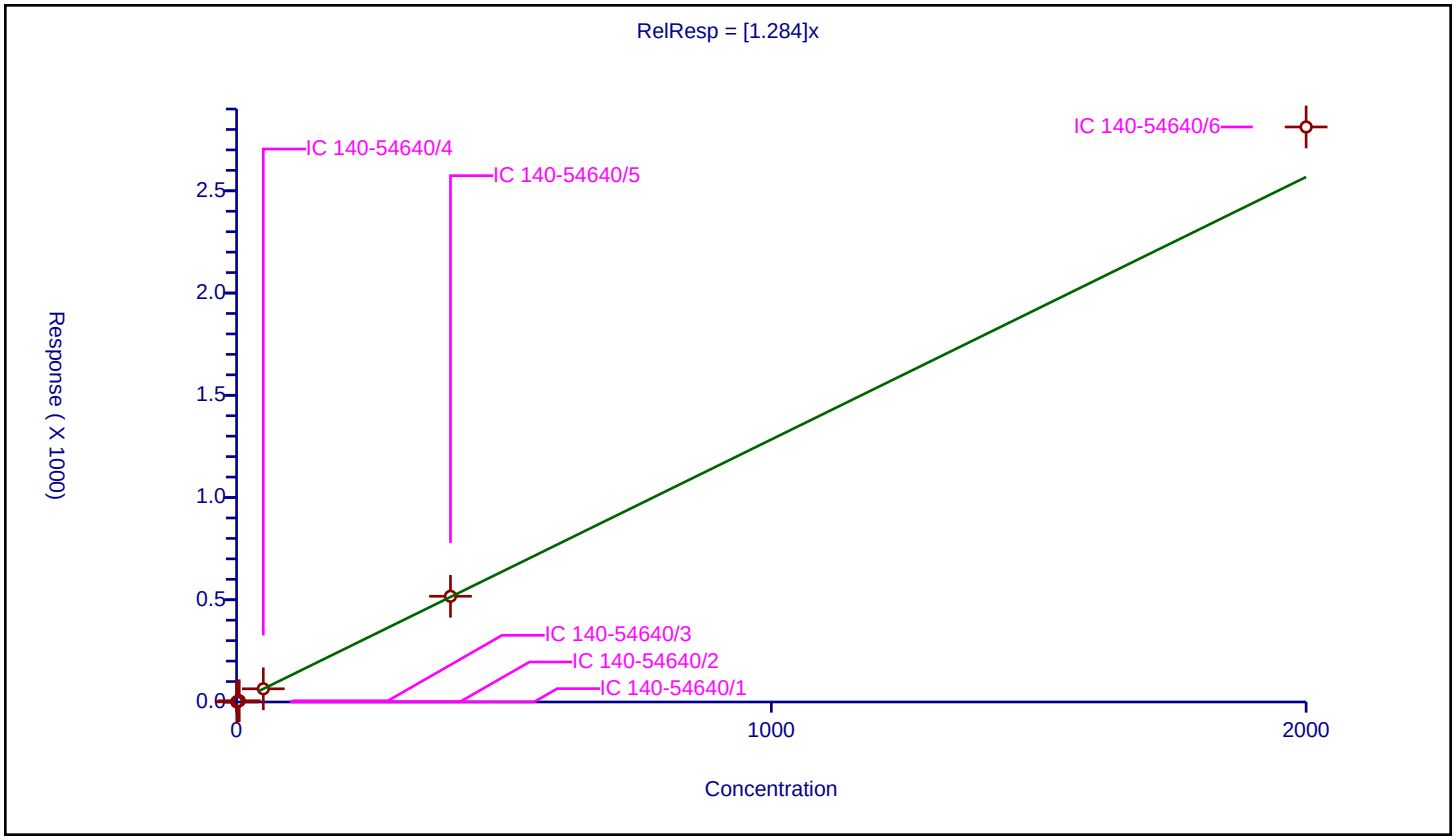
Curve Coefficients

Intercept:	0
Slope:	1.284

Error Coefficients

Standard Error:	179000000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.618993	100.0	14547508.0	1.237985	Y
2	IC 140-54640/2	1.0	1.265675	100.0	14512098.0	1.265675	Y
3	IC 140-54640/3	5.0	6.054037	100.0	14900618.0	1.210807	Y
4	IC 140-54640/4	50.0	64.498709	100.0	13896644.0	1.289974	Y
5	IC 140-54640/5	400.0	517.015388	100.0	13761361.0	1.292538	Y
6	IC 140-54640/6	2000.0	2812.243449	100.0	13976634.0	1.406122	Y



Calibration / PCB-122

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

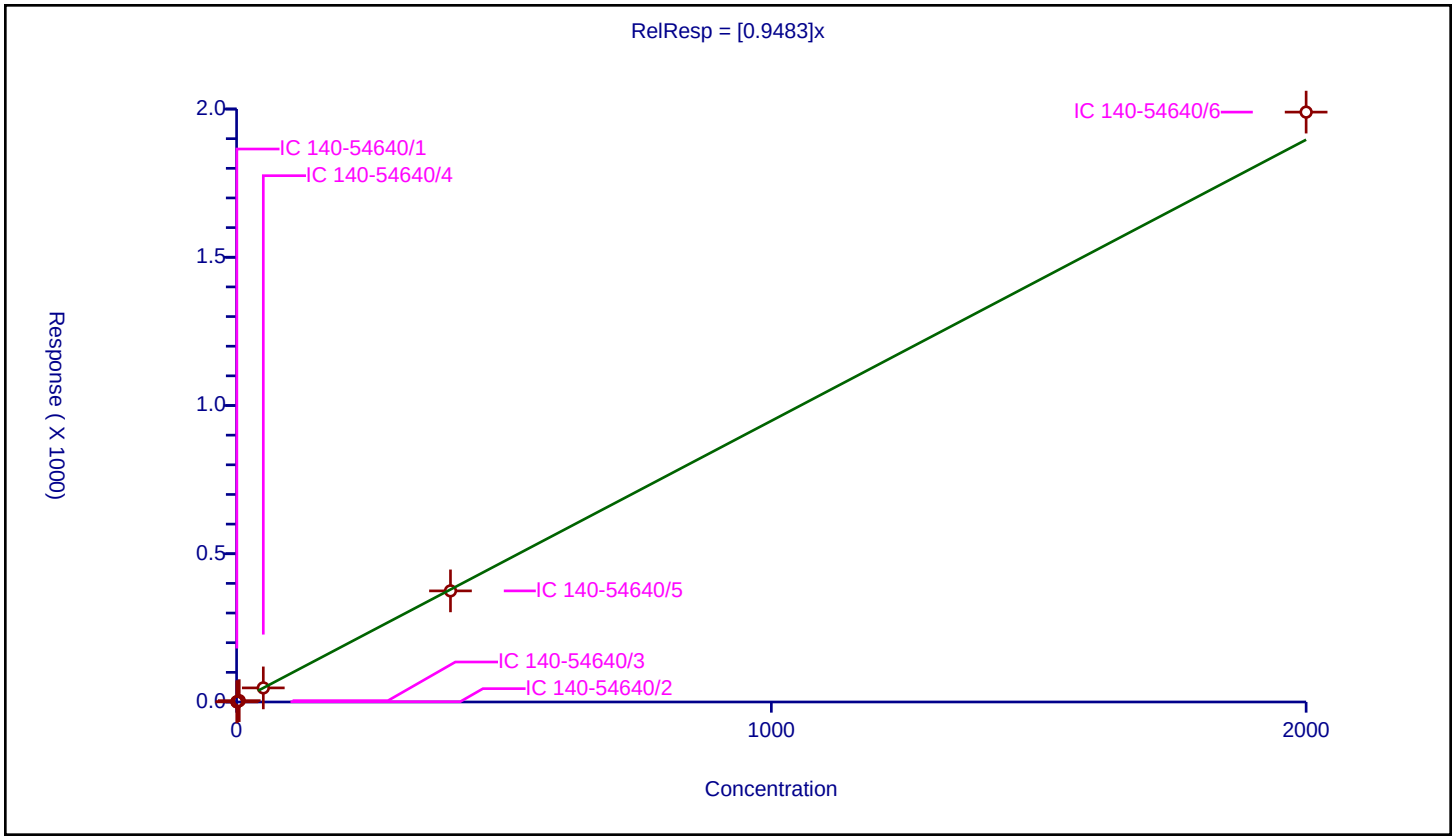
Curve Coefficients

Intercept:	0
Slope:	0.9483

Error Coefficients

Standard Error:	184000000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.490795	100.0	19219213.0	0.981591	Y
2	IC 140-54640/2	1.0	0.917872	100.0	19766926.0	0.917872	Y
3	IC 140-54640/3	5.0	4.536504	100.0	20254098.0	0.907301	Y
4	IC 140-54640/4	50.0	47.55564	100.0	19312906.0	0.951113	Y
5	IC 140-54640/5	400.0	374.75156	100.0	19753363.0	0.936879	Y
6	IC 140-54640/6	2000.0	1989.605735	100.0	20297251.0	0.994803	Y



Calibration / PCB-123

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

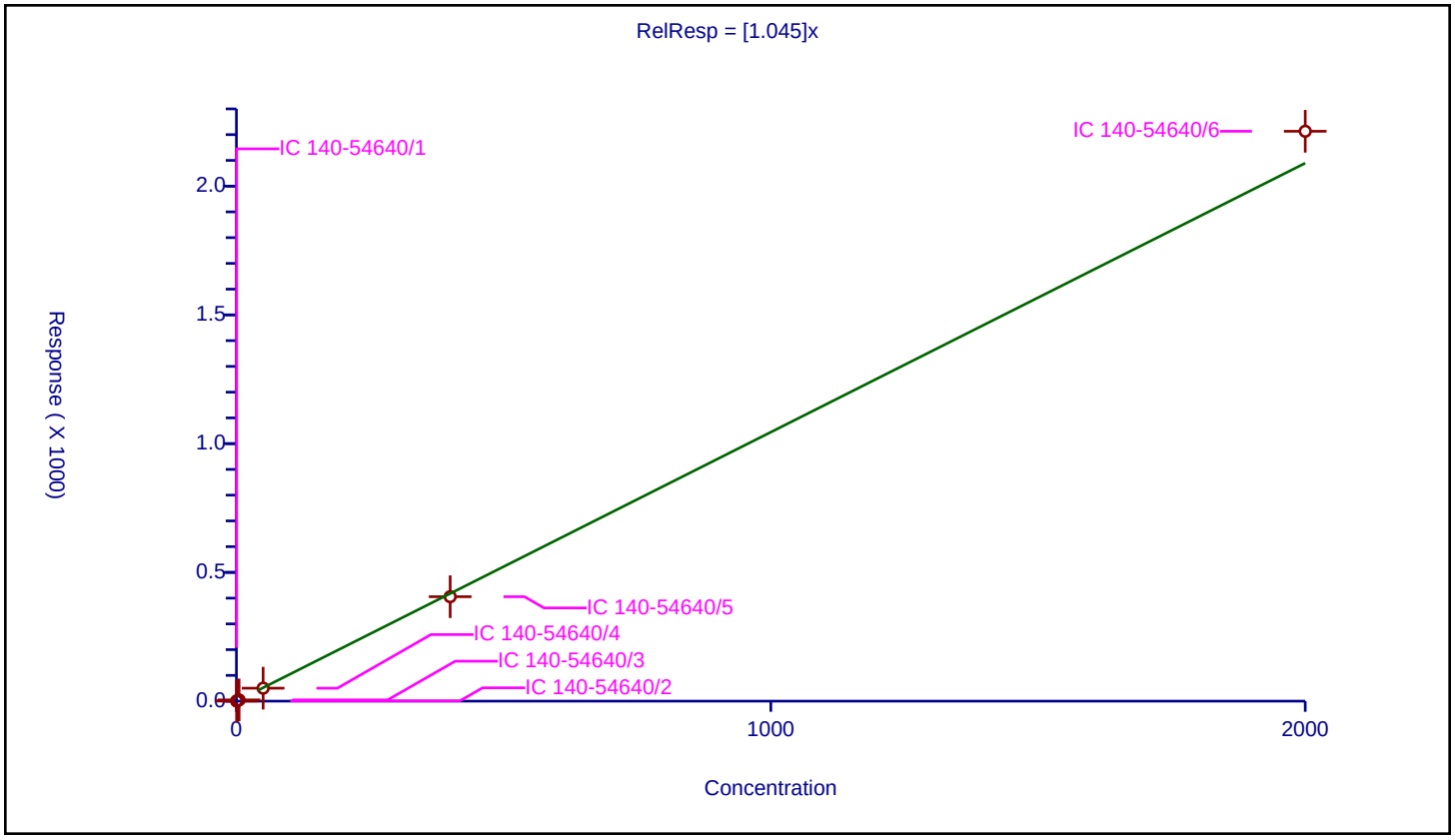
Curve Coefficients

Intercept:	0
Slope:	1.045

Error Coefficients

Standard Error:	204000000
Relative Standard Error:	7.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.584894	100.0	19219213.0	1.169788	Y
2	IC 140-54640/2	1.0	1.006363	100.0	19766926.0	1.006363	Y
3	IC 140-54640/3	5.0	4.826021	100.0	20254098.0	0.965204	Y
4	IC 140-54640/4	50.0	50.30257	100.0	19312906.0	1.006051	Y
5	IC 140-54640/5	400.0	405.609374	100.0	19753363.0	1.014023	Y
6	IC 140-54640/6	2000.0	2213.089403	100.0	20297251.0	1.106545	Y



Calibration / PCB-124

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

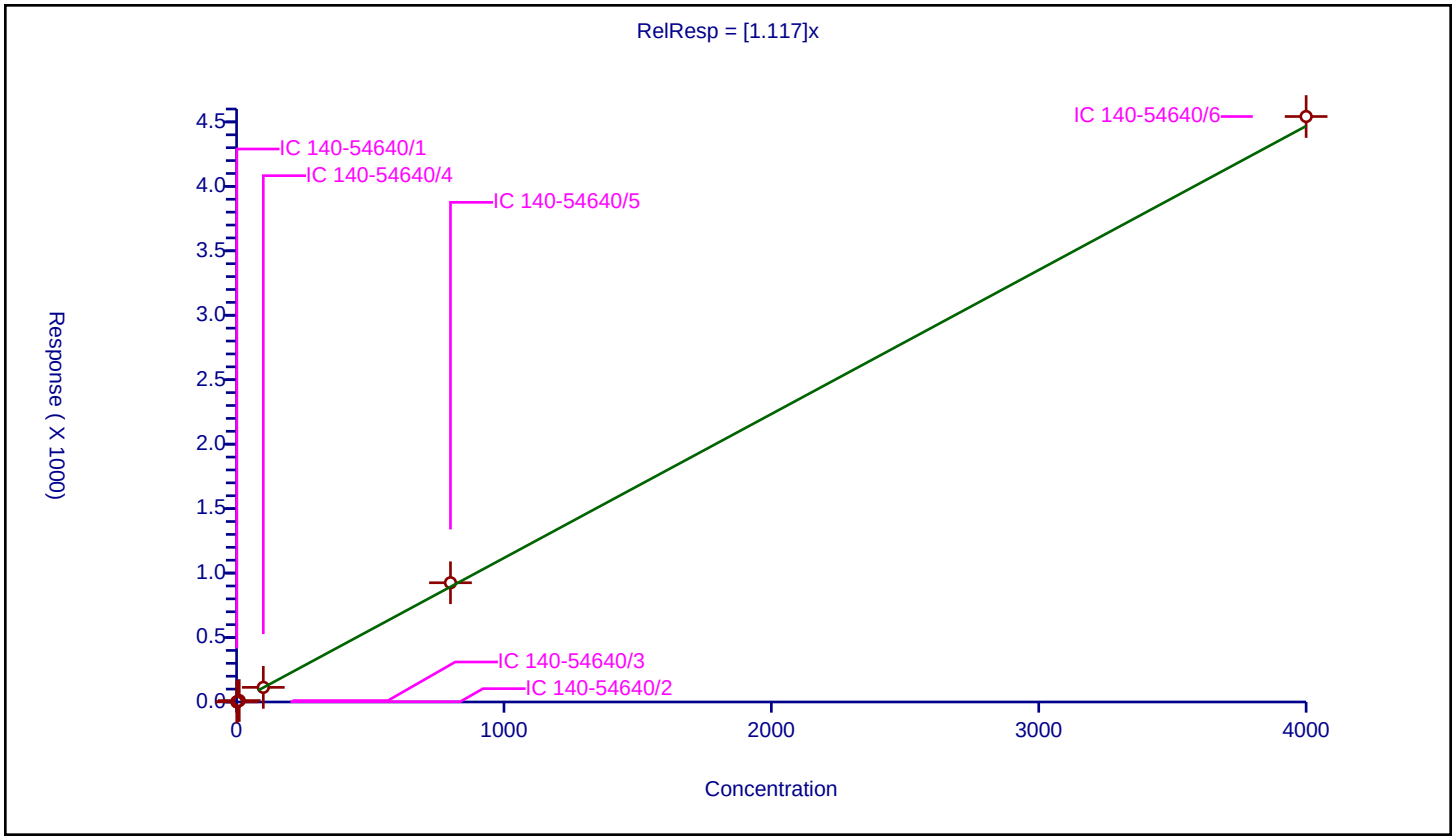
Curve Coefficients

Intercept:	0
Slope:	1.117

Error Coefficients

Standard Error:	420000000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.122018	100.0	19219213.0	1.122018	Y
2	IC 140-54640/2	2.0	2.080369	100.0	19766926.0	1.040184	Y
3	IC 140-54640/3	10.0	11.123798	100.0	20254098.0	1.11238	Y
4	IC 140-54640/4	100.0	113.553294	100.0	19312906.0	1.135533	Y
5	IC 140-54640/5	800.0	924.902863	100.0	19753363.0	1.156129	Y
6	IC 140-54640/6	4000.0	4541.952726	100.0	20297251.0	1.135488	Y



Calibration / PCB-125

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

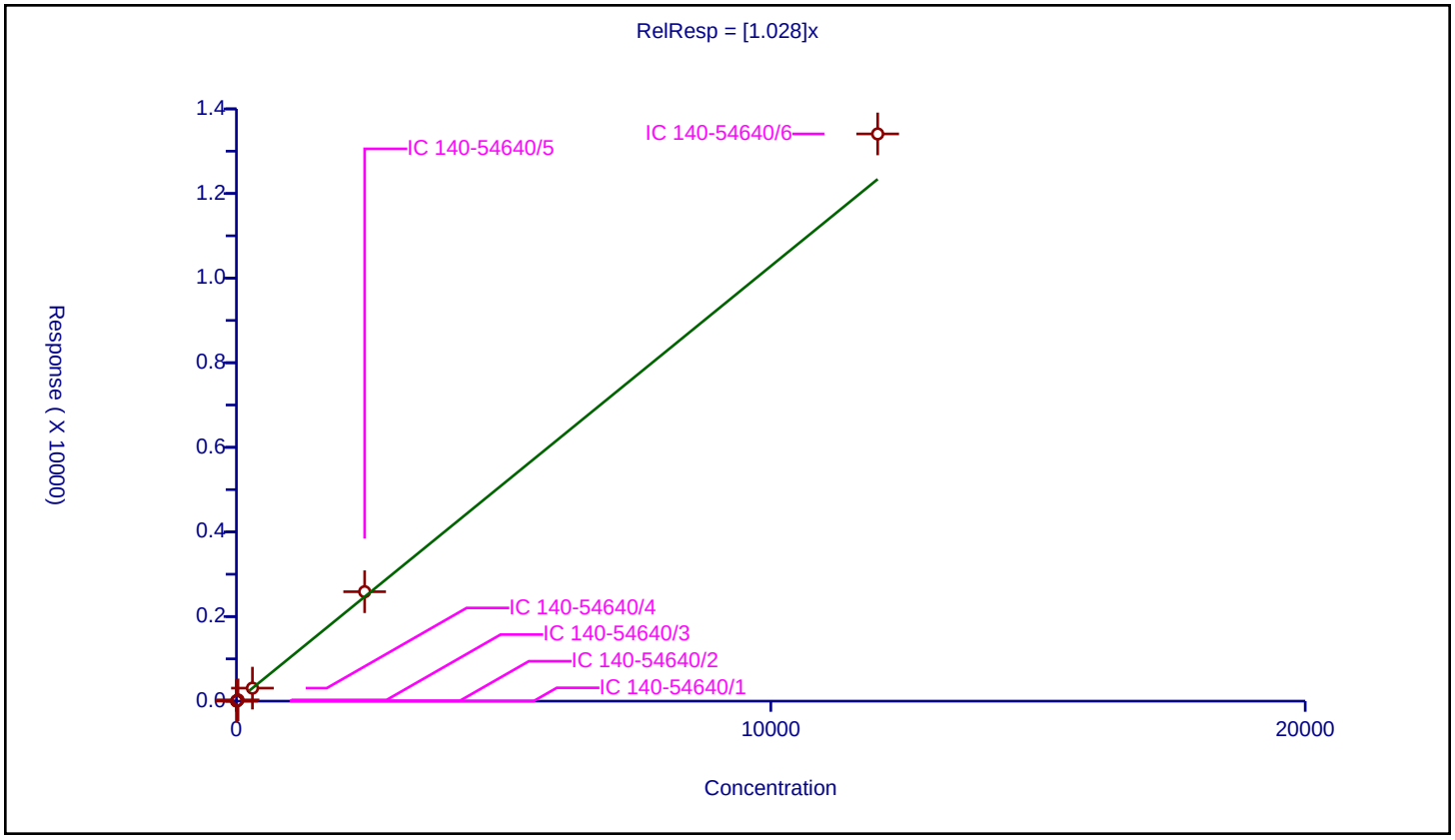
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	853000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	3.0	2.989605	100.0	14547508.0	0.996535	Y
2	IC 140-54640/2	6.0	5.873582	100.0	14512098.0	0.97893	Y
3	IC 140-54640/3	30.0	29.239519	100.0	14900618.0	0.974651	Y
4	IC 140-54640/4	300.0	307.319192	100.0	13896644.0	1.024397	Y
5	IC 140-54640/5	2400.0	2586.718116	100.0	13761361.0	1.077799	Y
6	IC 140-54640/6	12000.0	13408.404677	100.0	13976634.0	1.117367	Y



Calibration / PCB-126

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

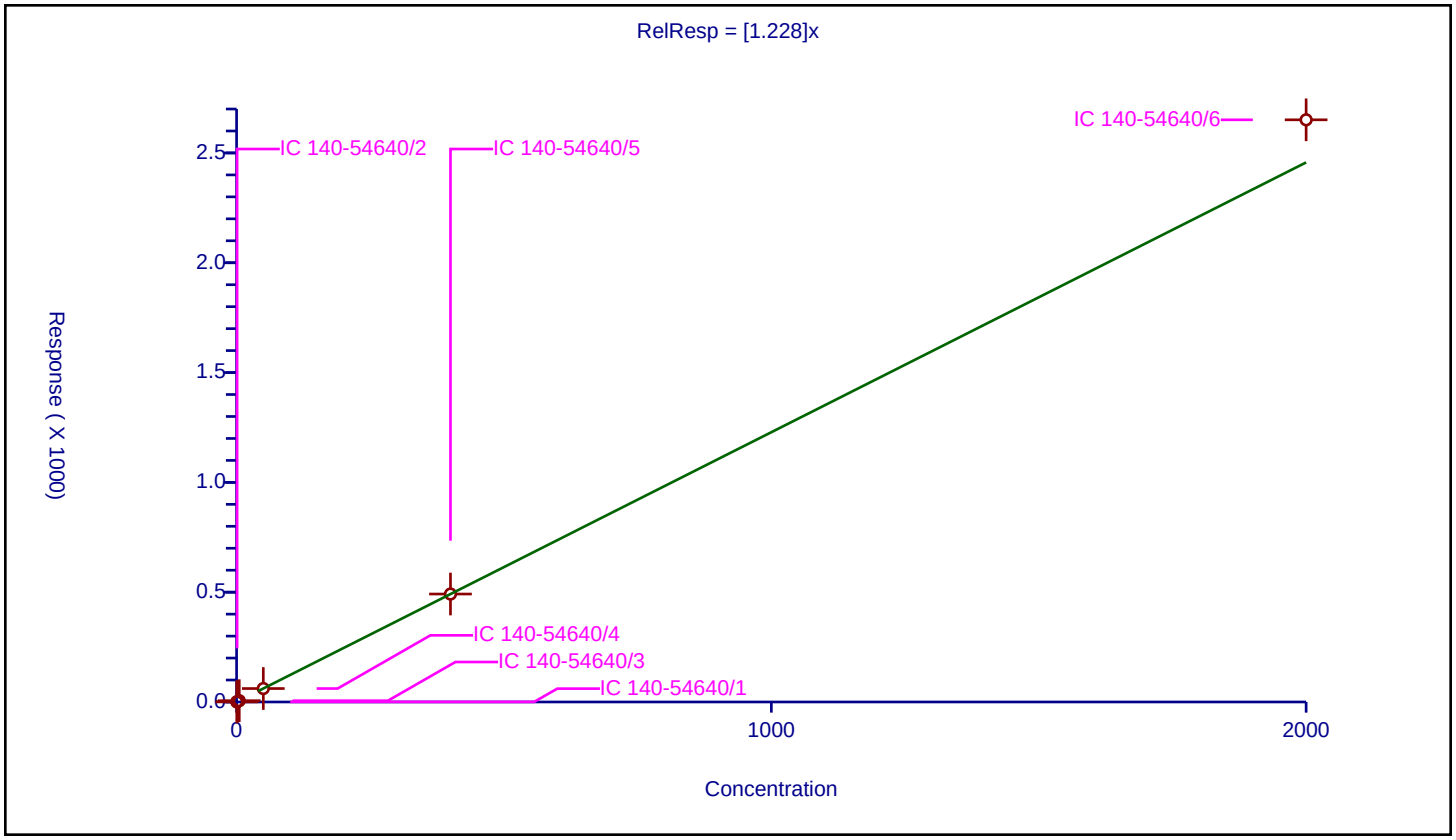
Curve Coefficients

Intercept:	0
Slope:	1.228

Error Coefficients

Standard Error:	248000000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.583013	100.0	19503687.0	1.166026	Y
2	IC 140-54640/2	1.0	1.246836	100.0	19892905.0	1.246836	Y
3	IC 140-54640/3	5.0	5.895099	100.0	20762908.0	1.17902	Y
4	IC 140-54640/4	50.0	61.20131	100.0	19914786.0	1.224026	Y
5	IC 140-54640/5	400.0	491.589589	100.0	19921892.0	1.228974	Y
6	IC 140-54640/6	2000.0	2650.842636	100.0	20567730.0	1.325421	Y



Calibration / PCB-127

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

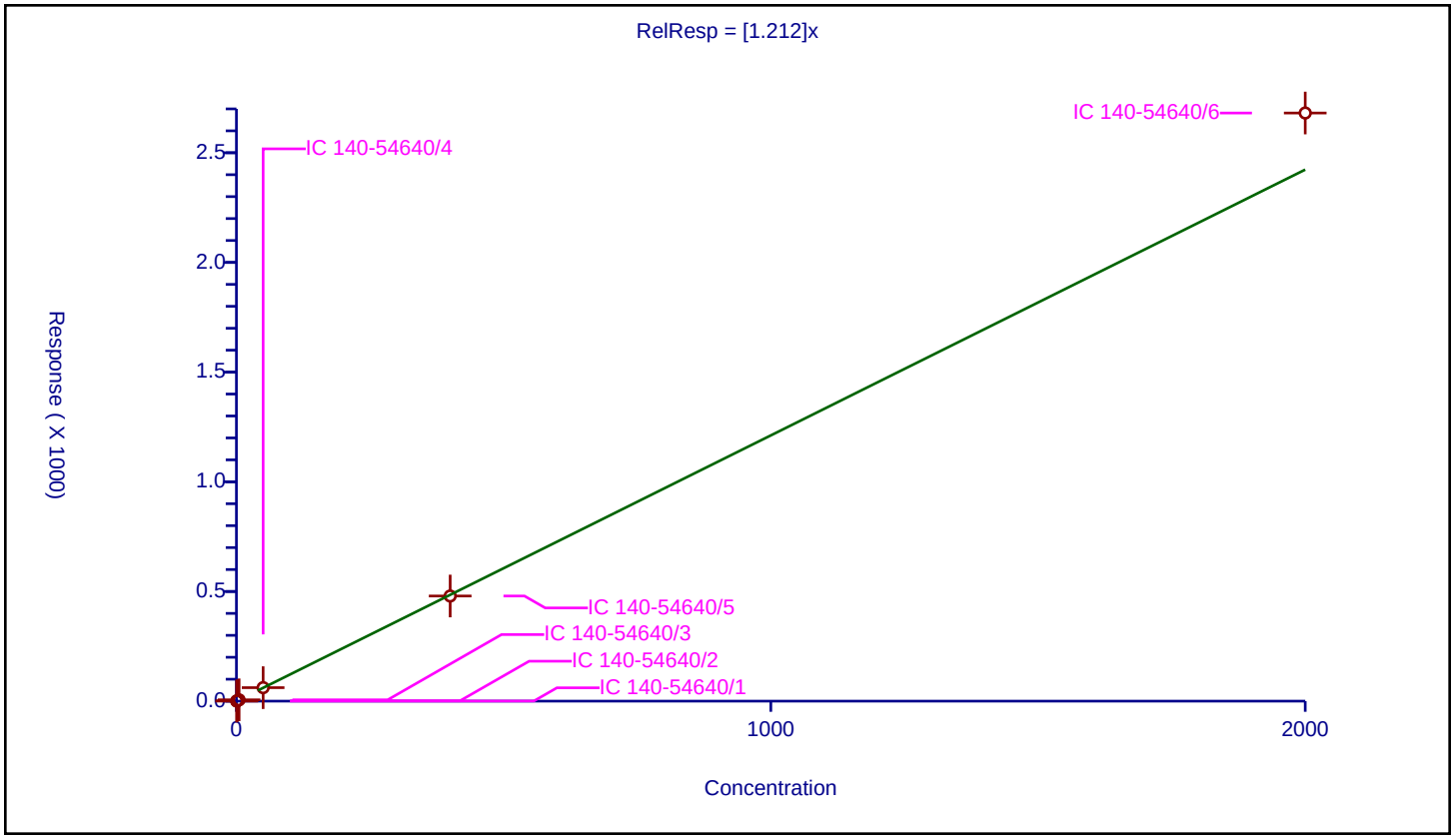
Curve Coefficients

Intercept:	0
Slope:	1.212

Error Coefficients

Standard Error:	247000000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.581018	100.0	19219213.0	1.162035	Y
2	IC 140-54640/2	1.0	1.14082	100.0	19766926.0	1.14082	Y
3	IC 140-54640/3	5.0	5.983066	100.0	20254098.0	1.196613	Y
4	IC 140-54640/4	50.0	61.53685	100.0	19312906.0	1.230737	Y
5	IC 140-54640/5	400.0	479.284191	100.0	19753363.0	1.19821	Y
6	IC 140-54640/6	2000.0	2681.238553	100.0	20297251.0	1.340619	Y



Calibration / PCB-128

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

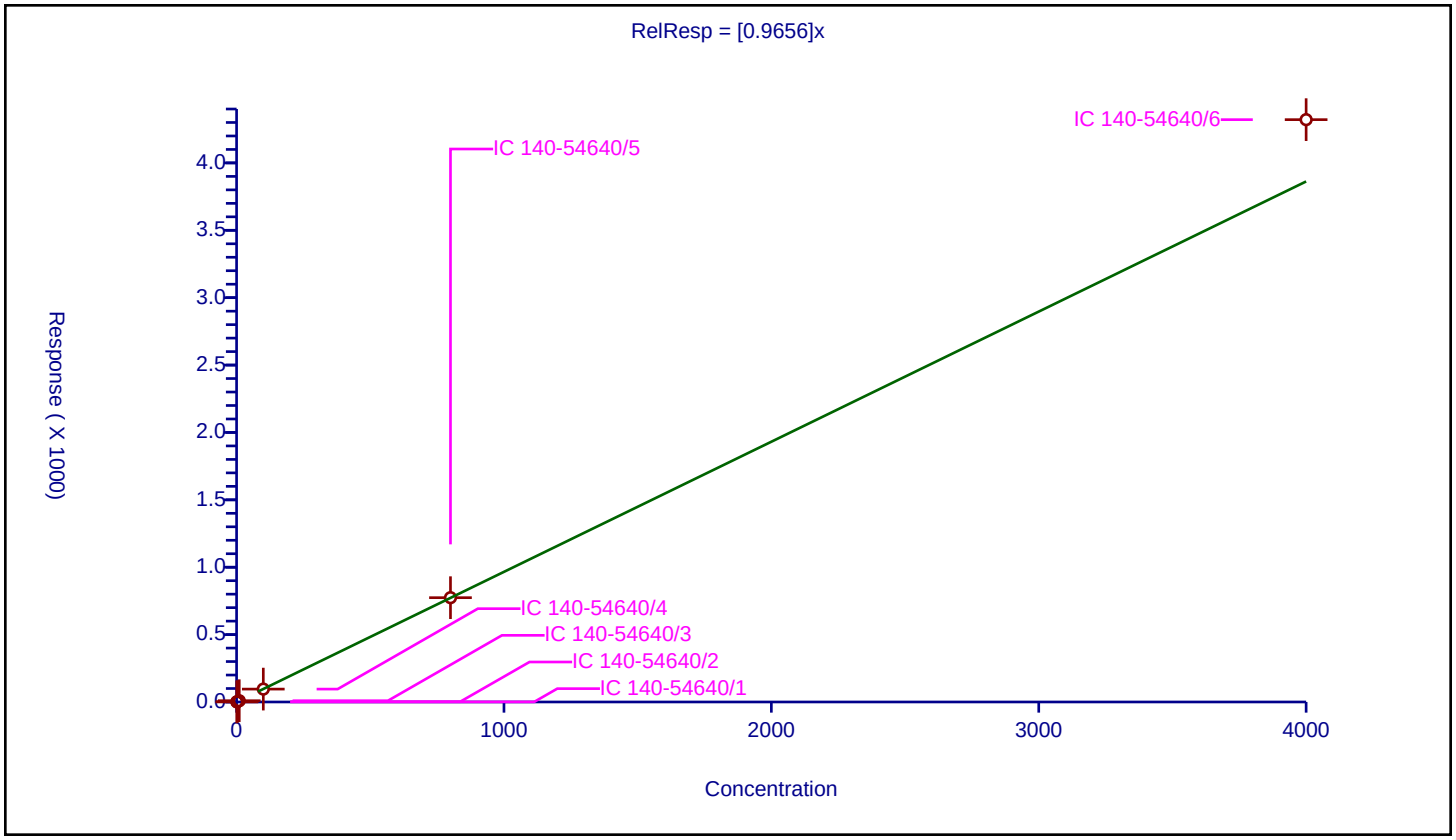
Curve Coefficients

Intercept:	0
Slope:	0.9656

Error Coefficients

Standard Error:	354000000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.937487	200.0	36720092.0	0.937487	Y
2	IC 140-54640/2	2.0	1.827273	200.0	37783522.0	0.913636	Y
3	IC 140-54640/3	10.0	9.371509	200.0	37670475.0	0.937151	Y
4	IC 140-54640/4	100.0	95.744289	200.0	35831242.0	0.957443	Y
5	IC 140-54640/5	800.0	774.020334	200.0	35753500.0	0.967525	Y
6	IC 140-54640/6	4000.0	4321.019634	200.0	36072983.0	1.080255	Y



Calibration / PCB-128/166

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

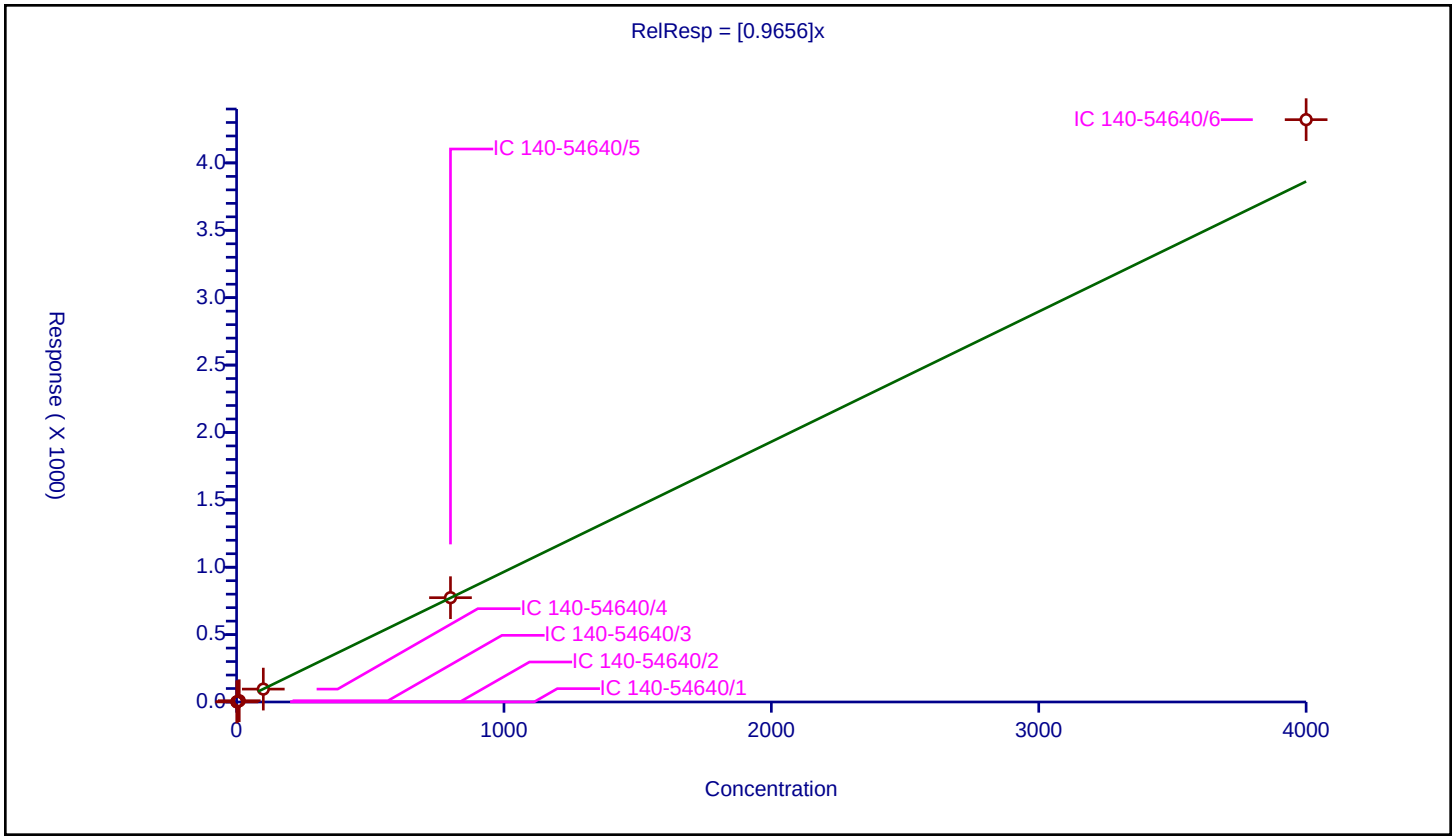
Curve Coefficients

Intercept:	0
Slope:	0.9656

Error Coefficients

Standard Error:	354000000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.937487	200.0	36720092.0	0.937487	Y
2	IC 140-54640/2	2.0	1.827273	200.0	37783522.0	0.913636	Y
3	IC 140-54640/3	10.0	9.371509	200.0	37670475.0	0.937151	Y
4	IC 140-54640/4	100.0	95.744289	200.0	35831242.0	0.957443	Y
5	IC 140-54640/5	800.0	774.020334	200.0	35753500.0	0.967525	Y
6	IC 140-54640/6	4000.0	4321.019634	200.0	36072983.0	1.080255	Y



Calibration / PCB-129

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

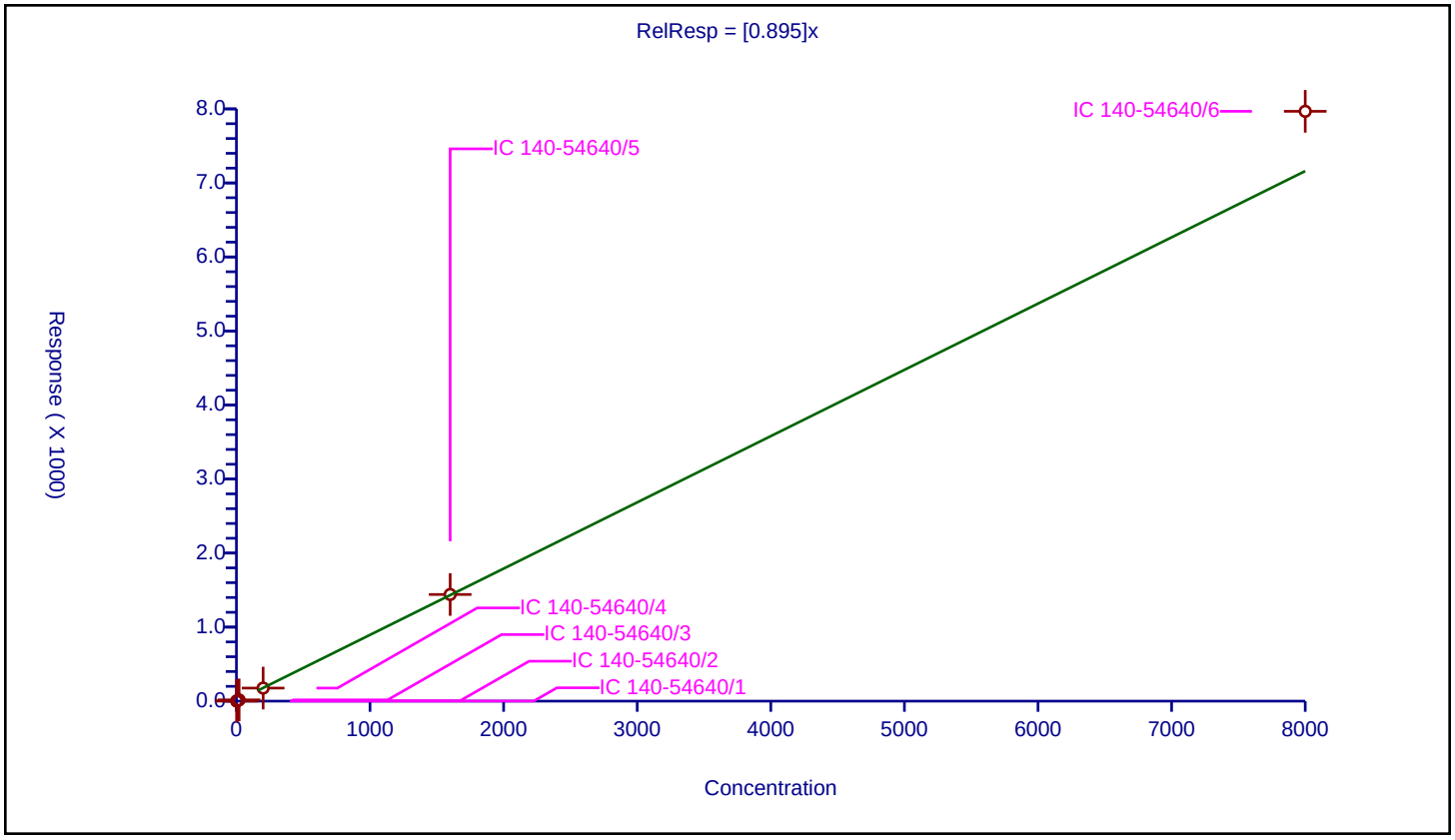
Curve Coefficients

Intercept:	0
Slope:	0.895

Error Coefficients

Standard Error:	653000000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	1.767387	200.0	36720092.0	0.883693	Y
2	IC 140-54640/2	4.0	3.397492	200.0	37783522.0	0.849373	Y
3	IC 140-54640/3	20.0	17.164153	200.0	37670475.0	0.858208	Y
4	IC 140-54640/4	200.0	176.4289	200.0	35831242.0	0.882144	Y
5	IC 140-54640/5	1600.0	1440.8544	200.0	35753500.0	0.900534	Y
6	IC 140-54640/6	8000.0	7967.306214	200.0	36072983.0	0.995913	Y



Calibration / PCB-129/138/160/163

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

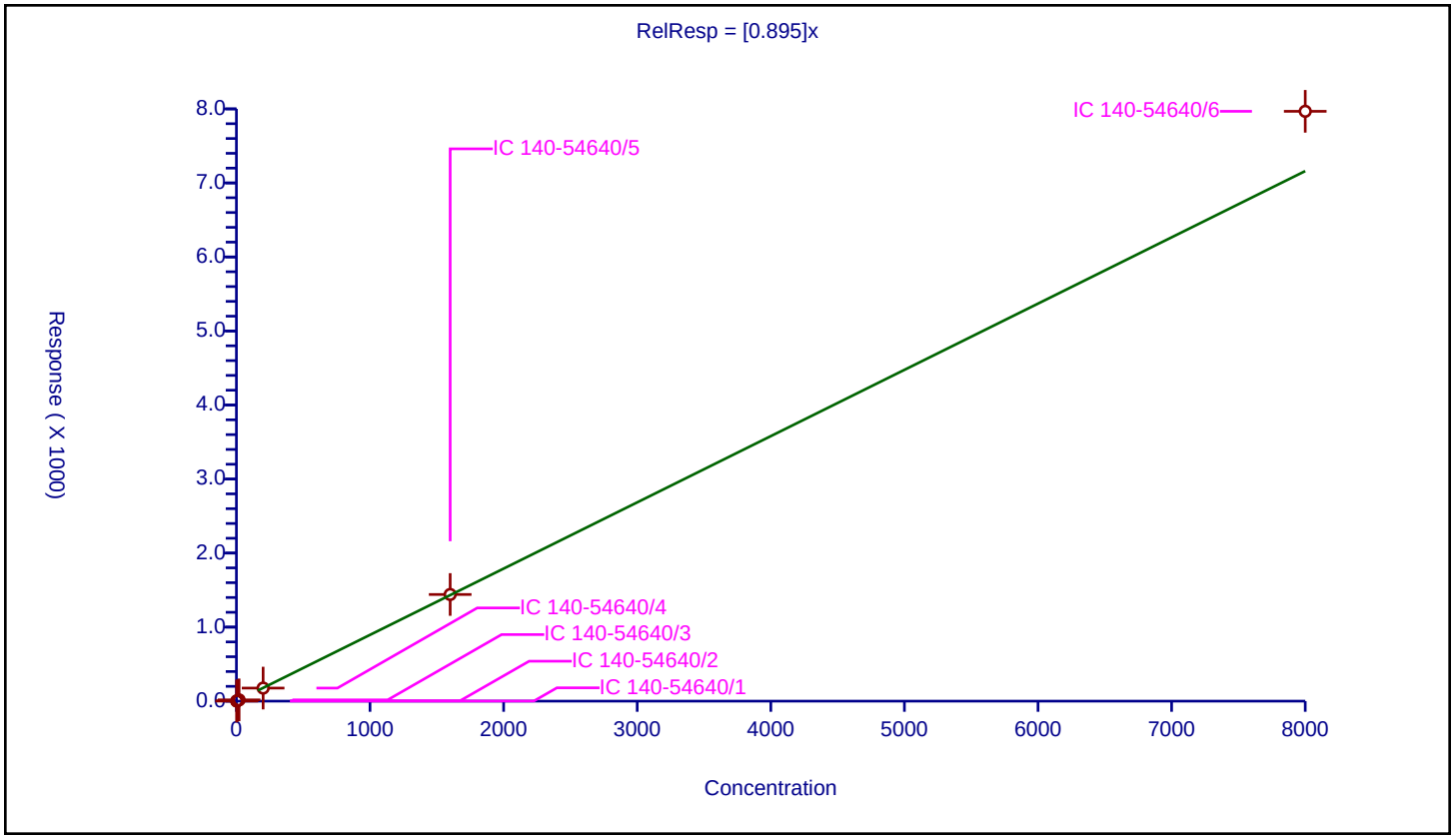
Curve Coefficients

Intercept:	0
Slope:	0.895

Error Coefficients

Standard Error:	653000000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	1.767387	200.0	36720092.0	0.883693	Y
2	IC 140-54640/2	4.0	3.397492	200.0	37783522.0	0.849373	Y
3	IC 140-54640/3	20.0	17.164153	200.0	37670475.0	0.858208	Y
4	IC 140-54640/4	200.0	176.4289	200.0	35831242.0	0.882144	Y
5	IC 140-54640/5	1600.0	1440.8544	200.0	35753500.0	0.900534	Y
6	IC 140-54640/6	8000.0	7967.306214	200.0	36072983.0	0.995913	Y



Calibration / PCB-13

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

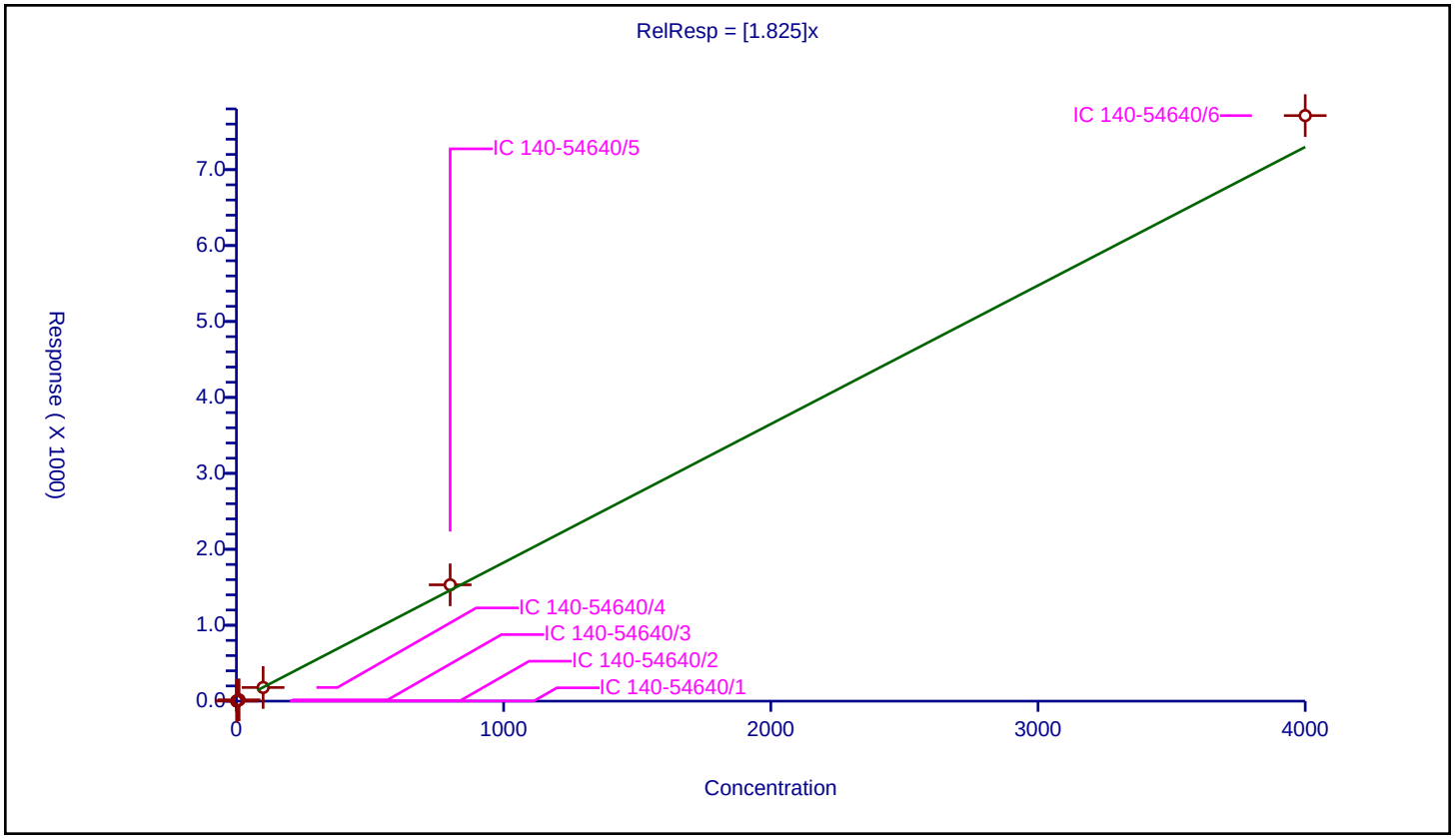
Curve Coefficients

Intercept:	0
Slope:	1.825

Error Coefficients

Standard Error:	434000000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.755473	100.0	12405884.0	1.755473	Y
2	IC 140-54640/2	2.0	3.623123	100.0	12725624.0	1.811561	Y
3	IC 140-54640/3	10.0	17.394182	100.0	12672398.0	1.739418	Y
4	IC 140-54640/4	100.0	179.826201	100.0	12271526.0	1.798262	Y
5	IC 140-54640/5	800.0	1532.153381	100.0	11924149.0	1.915192	Y
6	IC 140-54640/6	4000.0	7711.704977	100.0	12348832.0	1.927926	Y



Calibration / PCB-130

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

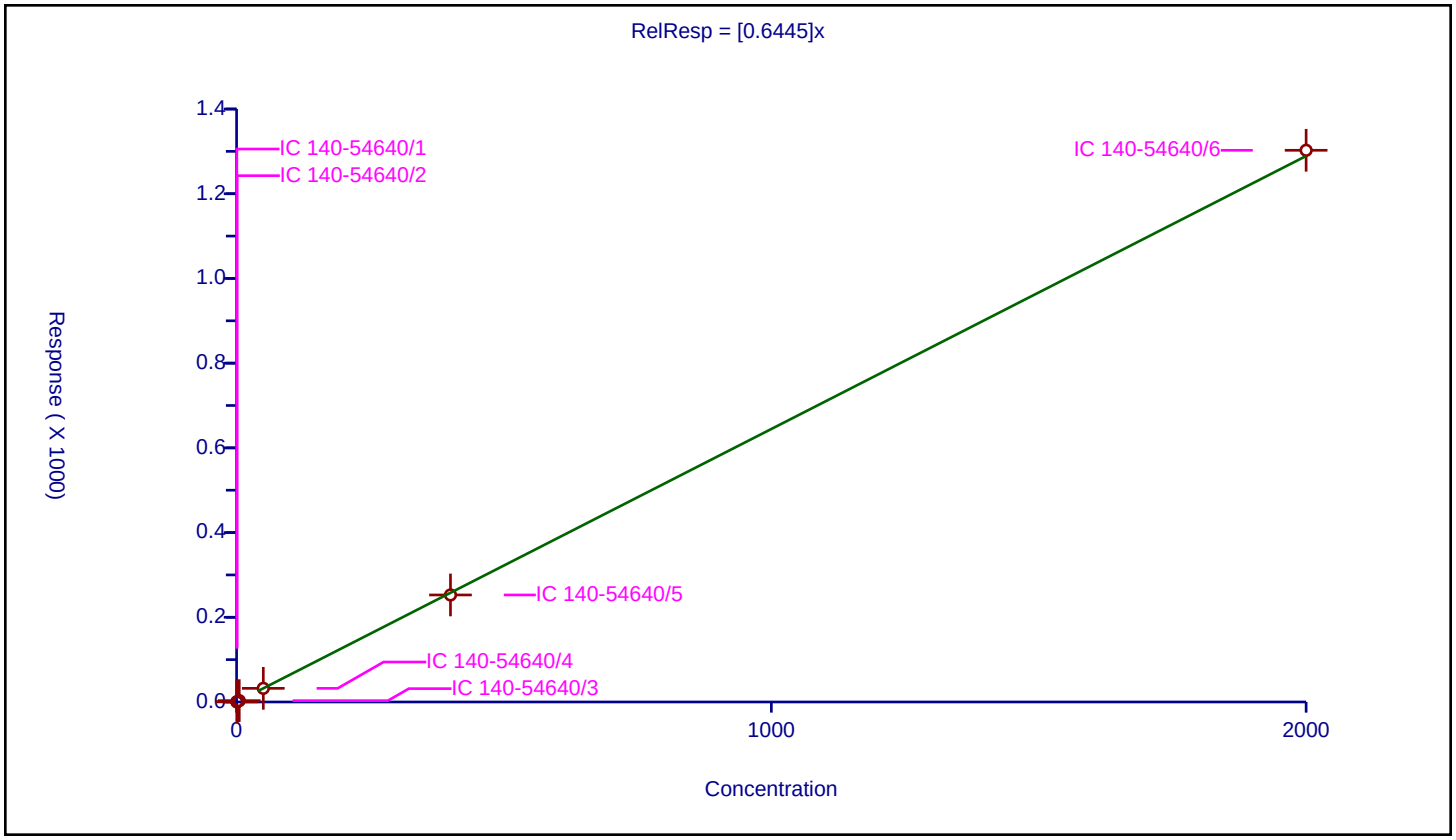
Curve Coefficients

Intercept:	0
Slope:	0.6445

Error Coefficients

Standard Error:	107000000
Relative Standard Error:	1.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.324542	200.0	36720092.0	0.649083	Y
2	IC 140-54640/2	1.0	0.657181	200.0	37783522.0	0.657181	Y
3	IC 140-54640/3	5.0	3.168386	200.0	37670475.0	0.633677	Y
4	IC 140-54640/4	50.0	32.214418	200.0	35831242.0	0.644288	Y
5	IC 140-54640/5	400.0	252.703137	200.0	35753500.0	0.631758	Y
6	IC 140-54640/6	2000.0	1302.562585	200.0	36072983.0	0.651281	Y



Calibration / PCB-131

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

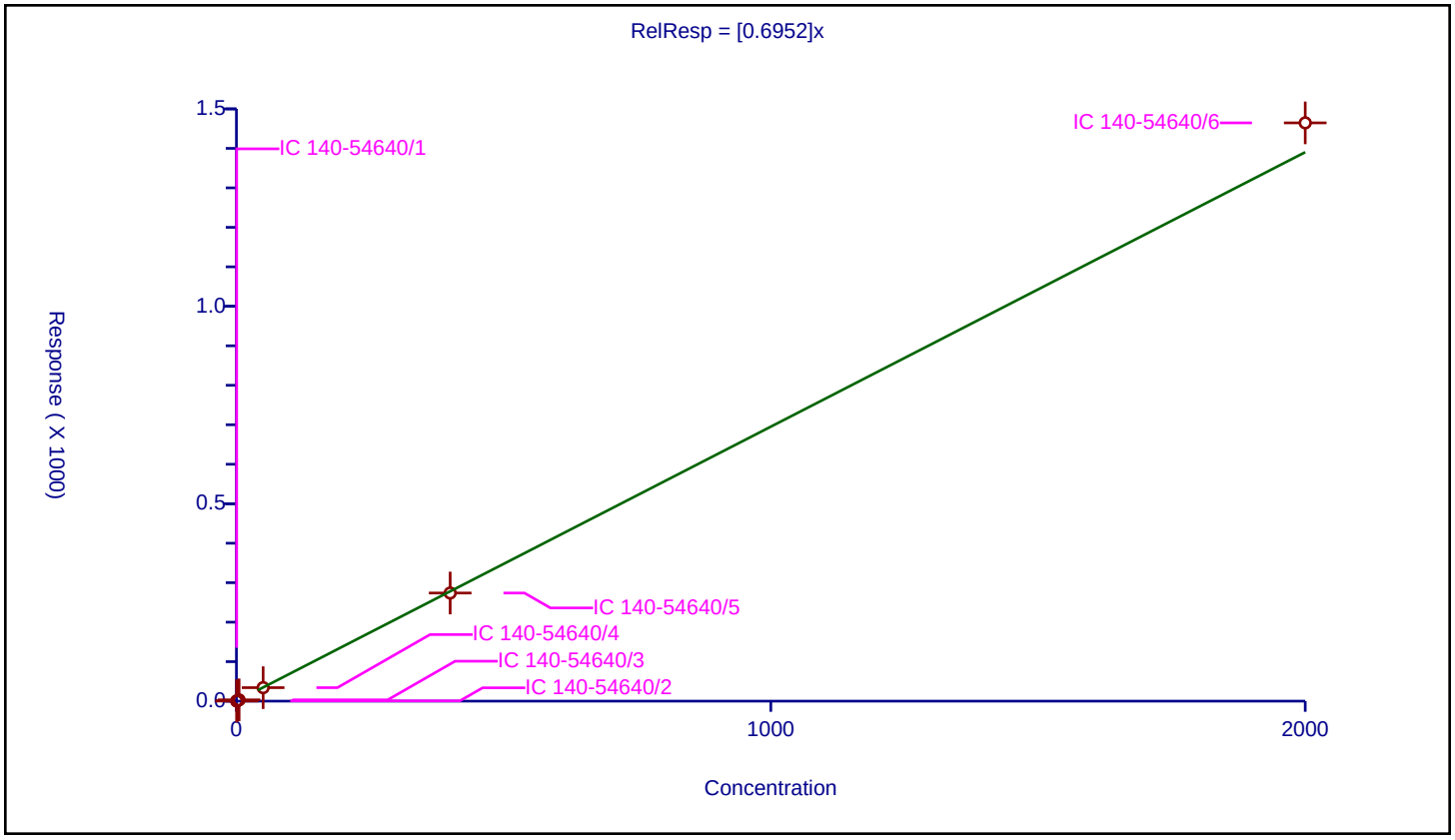
Curve Coefficients

Intercept:	0
Slope:	0.6952

Error Coefficients

Standard Error:	120000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.369073	200.0	36720092.0	0.738146	Y
2	IC 140-54640/2	1.0	0.680418	200.0	37783522.0	0.680418	Y
3	IC 140-54640/3	5.0	3.262465	200.0	37670475.0	0.652493	Y
4	IC 140-54640/4	50.0	34.153324	200.0	35831242.0	0.683066	Y
5	IC 140-54640/5	400.0	273.809356	200.0	35753500.0	0.684523	Y
6	IC 140-54640/6	2000.0	1464.551751	200.0	36072983.0	0.732276	Y



Calibration / PCB-132

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

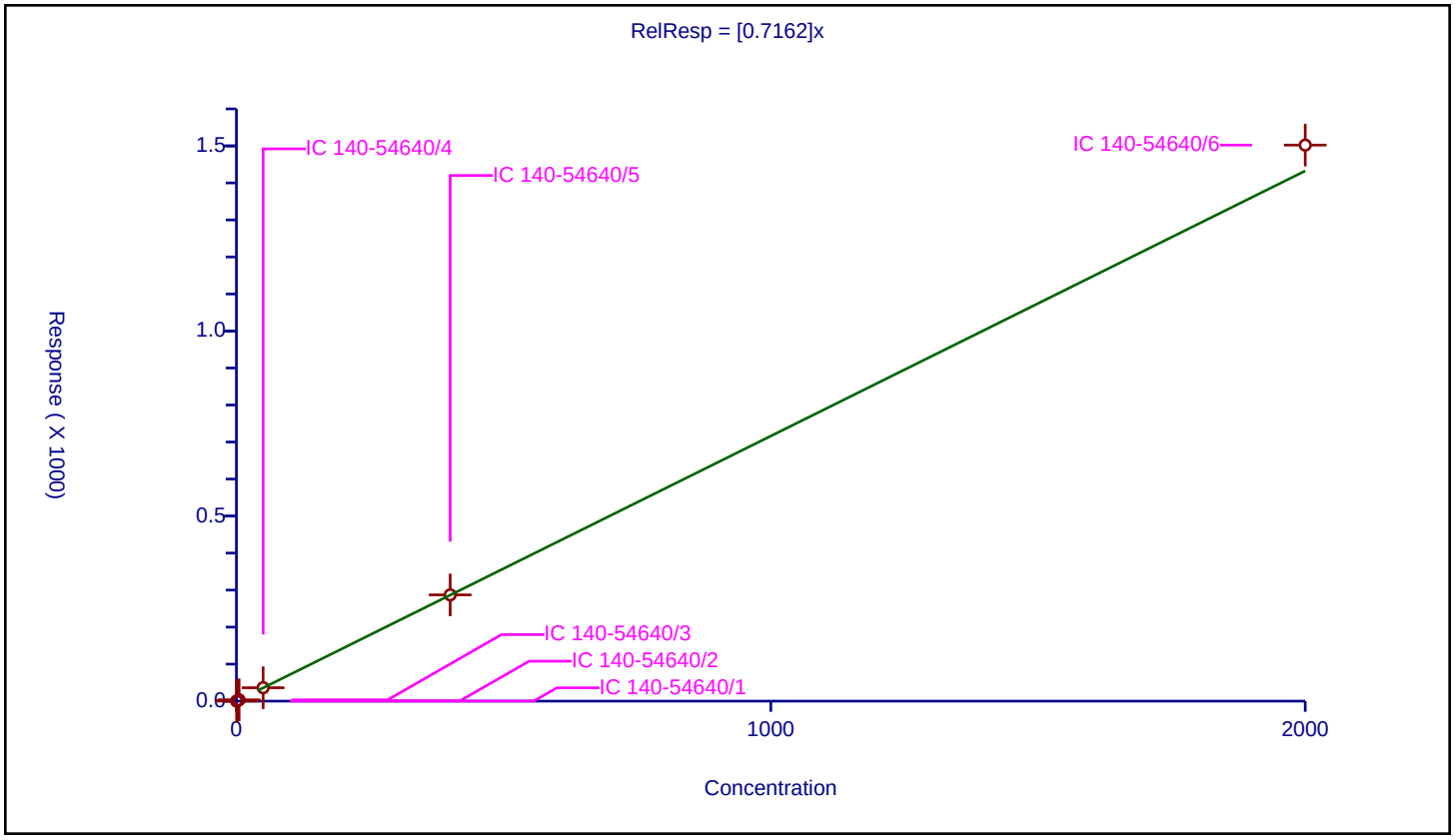
Curve Coefficients

Intercept:	0
Slope:	0.7162

Error Coefficients

Standard Error:	123000000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.346557	200.0	36720092.0	0.693114	Y
2	IC 140-54640/2	1.0	0.696155	200.0	37783522.0	0.696155	Y
3	IC 140-54640/3	5.0	3.570802	200.0	37670475.0	0.71416	Y
4	IC 140-54640/4	50.0	36.259882	200.0	35831242.0	0.725198	Y
5	IC 140-54640/5	400.0	287.090523	200.0	35753500.0	0.717726	Y
6	IC 140-54640/6	2000.0	1502.206263	200.0	36072983.0	0.751103	Y



Calibration / PCB-133

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

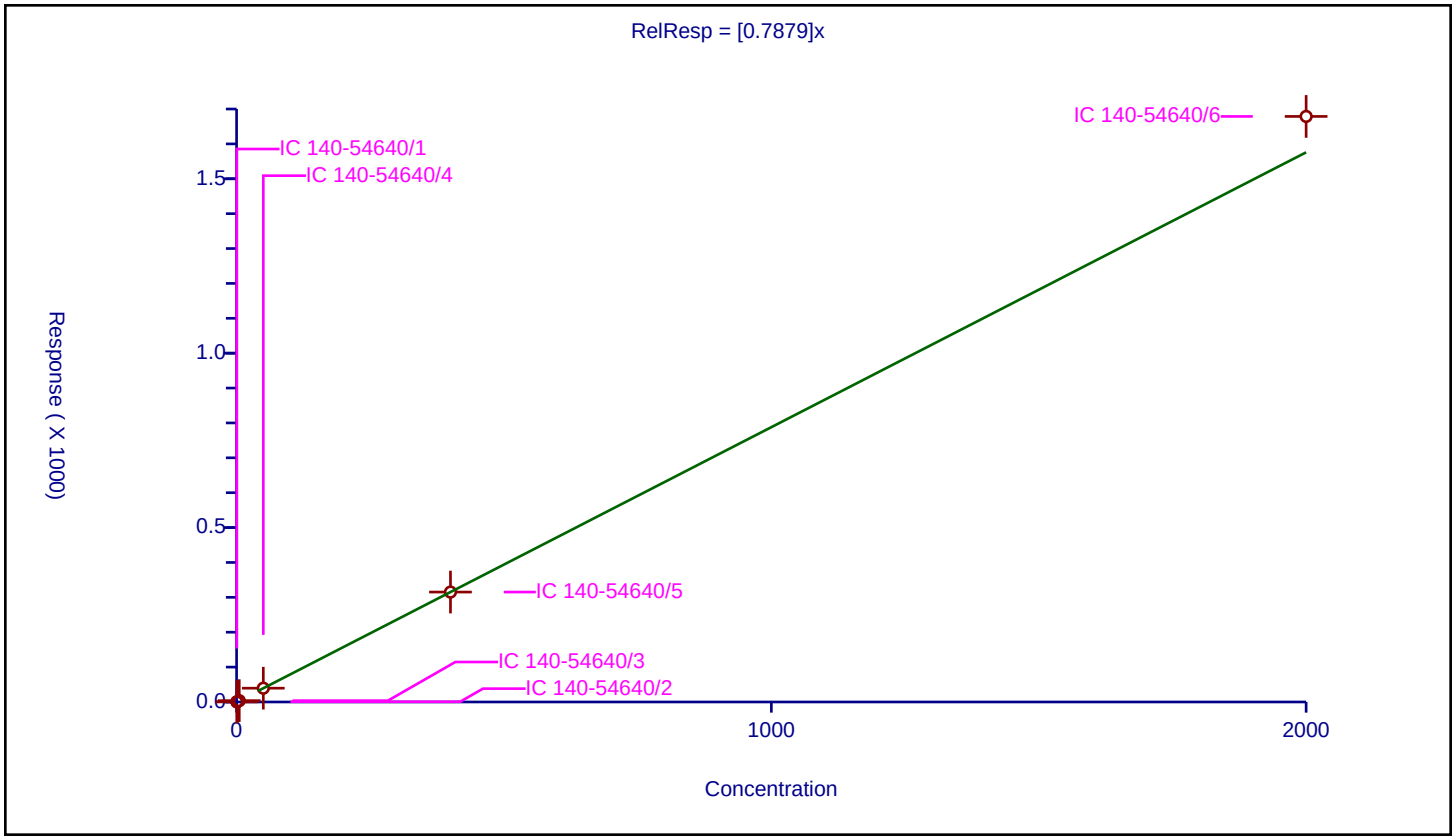
Curve Coefficients

Intercept:	0
Slope:	0.7879

Error Coefficients

Standard Error:	138000000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.397014	200.0	36720092.0	0.794029	Y
2	IC 140-54640/2	1.0	0.749004	200.0	37783522.0	0.749004	Y
3	IC 140-54640/3	5.0	3.829142	200.0	37670475.0	0.765828	Y
4	IC 140-54640/4	50.0	39.564903	200.0	35831242.0	0.791298	Y
5	IC 140-54640/5	400.0	315.131917	200.0	35753500.0	0.78783	Y
6	IC 140-54640/6	2000.0	1678.778431	200.0	36072983.0	0.839389	Y



Calibration / PCB-134

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

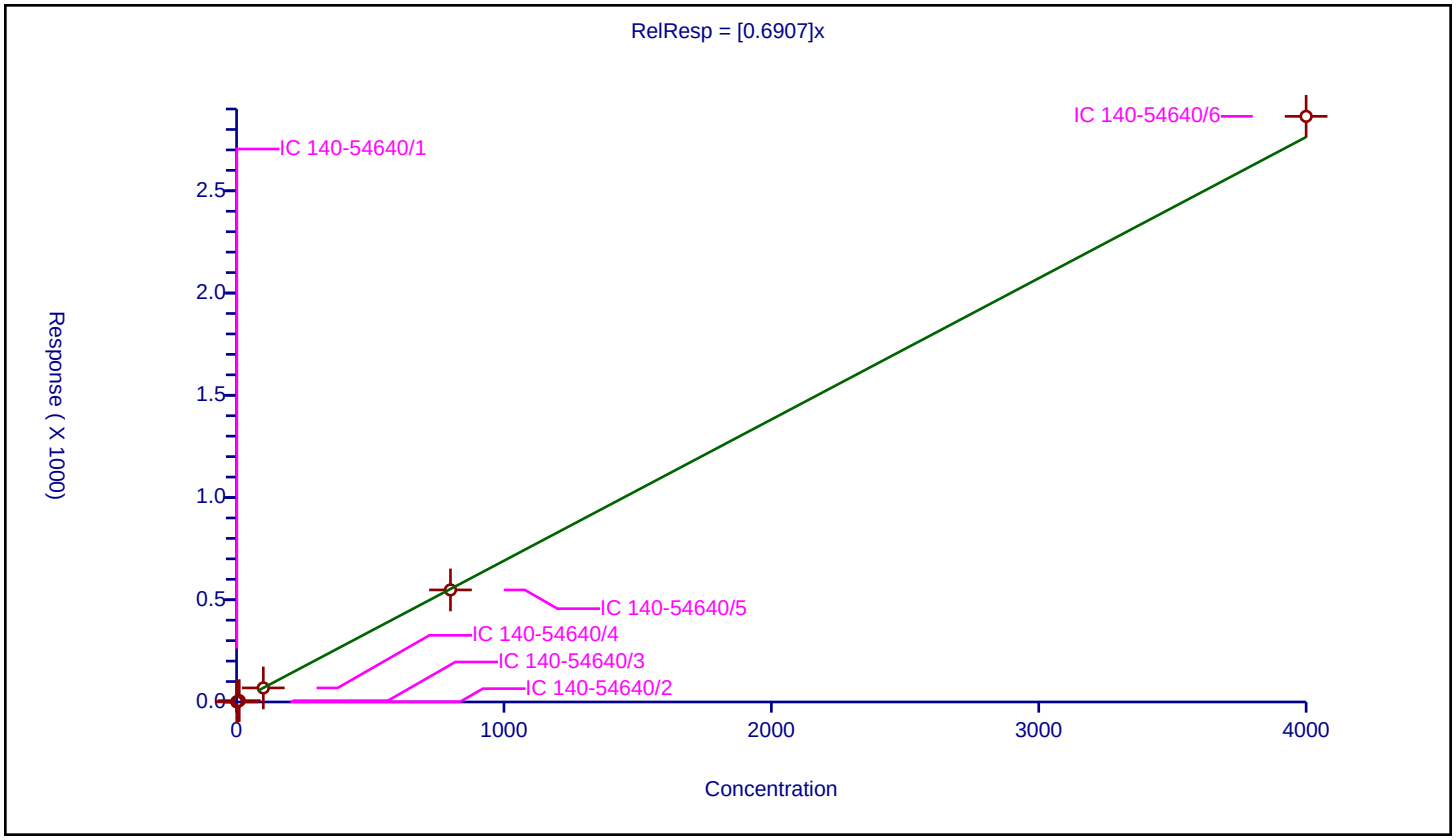
Curve Coefficients

Intercept:	0
Slope:	0.6907

Error Coefficients

Standard Error:	235000000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.715657	200.0	36720092.0	0.715657	Y
2	IC 140-54640/2	2.0	1.361017	200.0	37783522.0	0.680508	Y
3	IC 140-54640/3	10.0	6.596317	200.0	37670475.0	0.659632	Y
4	IC 140-54640/4	100.0	68.759118	200.0	35831242.0	0.687591	Y
5	IC 140-54640/5	800.0	548.031147	200.0	35753500.0	0.685039	Y
6	IC 140-54640/6	4000.0	2864.108283	200.0	36072983.0	0.716027	Y



Calibration / PCB-134/143

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

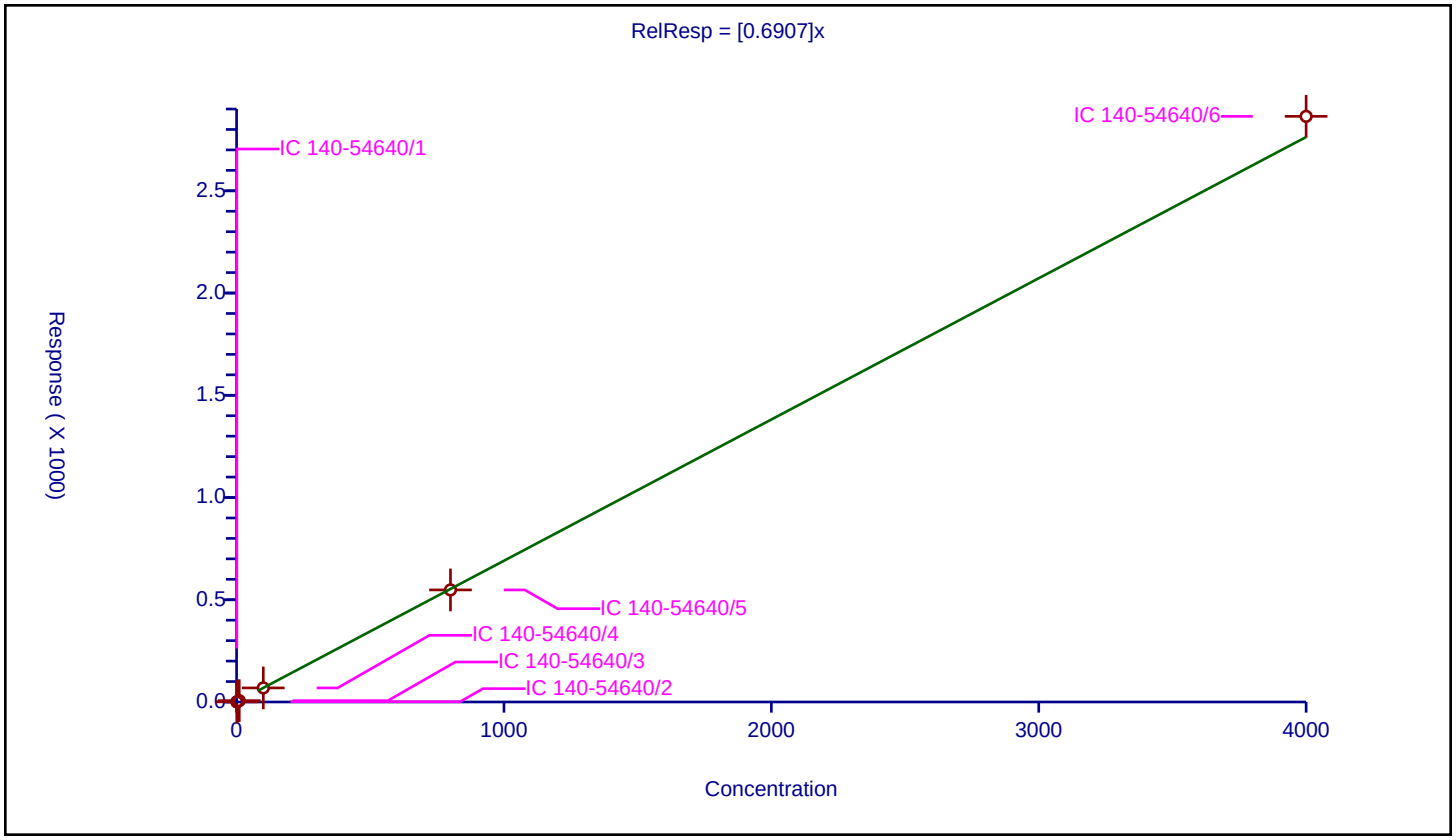
Curve Coefficients

Intercept:	0
Slope:	0.6907

Error Coefficients

Standard Error:	235000000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.715657	200.0	36720092.0	0.715657	Y
2	IC 140-54640/2	2.0	1.361017	200.0	37783522.0	0.680508	Y
3	IC 140-54640/3	10.0	6.596317	200.0	37670475.0	0.659632	Y
4	IC 140-54640/4	100.0	68.759118	200.0	35831242.0	0.687591	Y
5	IC 140-54640/5	800.0	548.031147	200.0	35753500.0	0.685039	Y
6	IC 140-54640/6	4000.0	2864.108283	200.0	36072983.0	0.716027	Y



Calibration / PCB-135

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

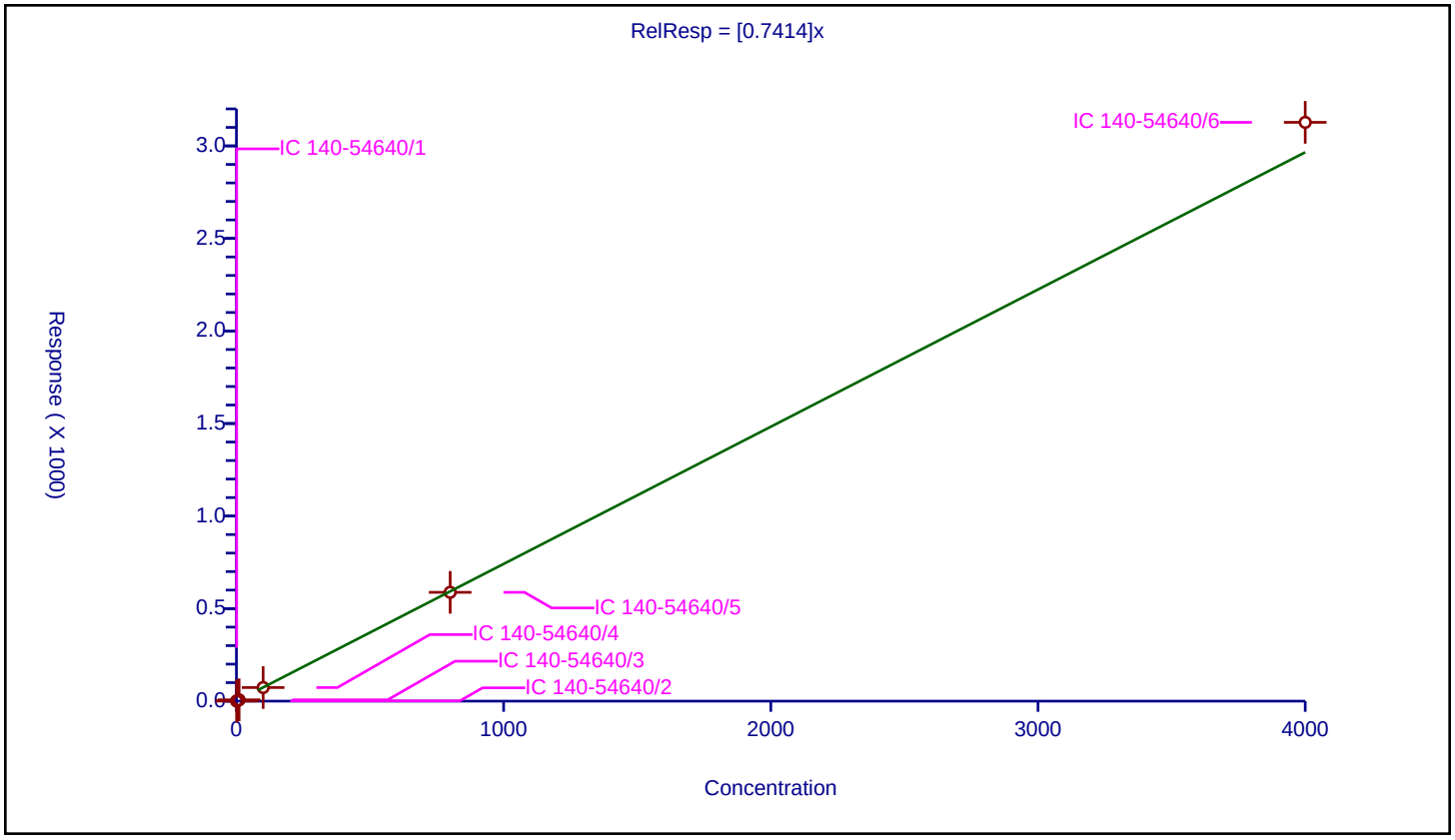
Curve Coefficients

Intercept:	0
Slope:	0.7414

Error Coefficients

Standard Error:	188000000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.764659	100.0	14035544.0	0.764659	Y
2	IC 140-54640/2	2.0	1.437055	100.0	14041006.0	0.718528	Y
3	IC 140-54640/3	10.0	7.14079	100.0	13989978.0	0.714079	Y
4	IC 140-54640/4	100.0	73.437177	100.0	13416823.0	0.734372	Y
5	IC 140-54640/5	800.0	587.946181	100.0	13114665.0	0.734933	Y
6	IC 140-54640/6	4000.0	3127.253535	100.0	13220149.0	0.781813	Y



Calibration / PCB-135/151

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

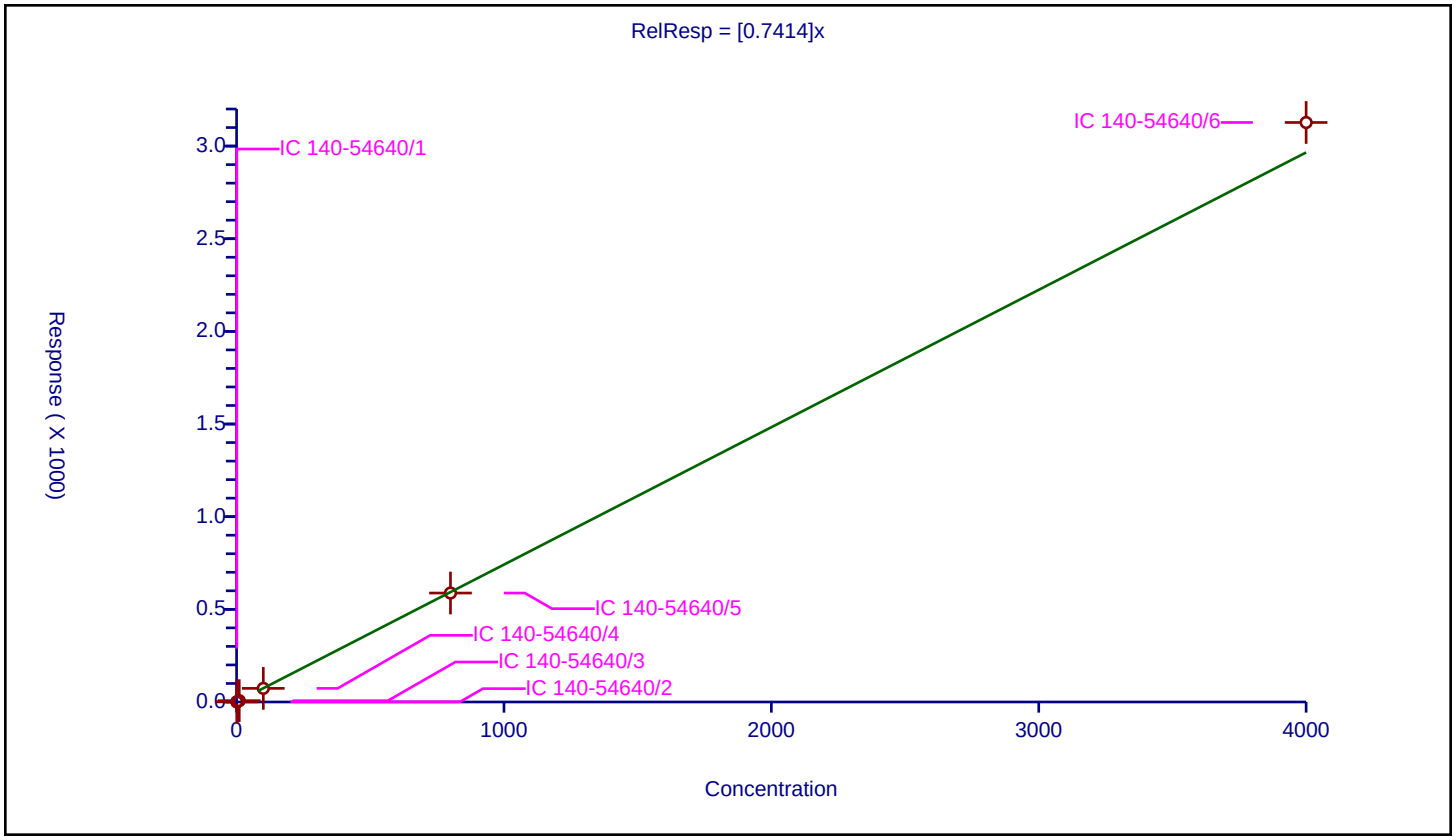
Curve Coefficients

Intercept:	0
Slope:	0.7414

Error Coefficients

Standard Error:	188000000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.764659	100.0	14035544.0	0.764659	Y
2	IC 140-54640/2	2.0	1.437055	100.0	14041006.0	0.718528	Y
3	IC 140-54640/3	10.0	7.14079	100.0	13989978.0	0.714079	Y
4	IC 140-54640/4	100.0	73.437177	100.0	13416823.0	0.734372	Y
5	IC 140-54640/5	800.0	587.946181	100.0	13114665.0	0.734933	Y
6	IC 140-54640/6	4000.0	3127.253535	100.0	13220149.0	0.781813	Y



Calibration / PCB-136

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

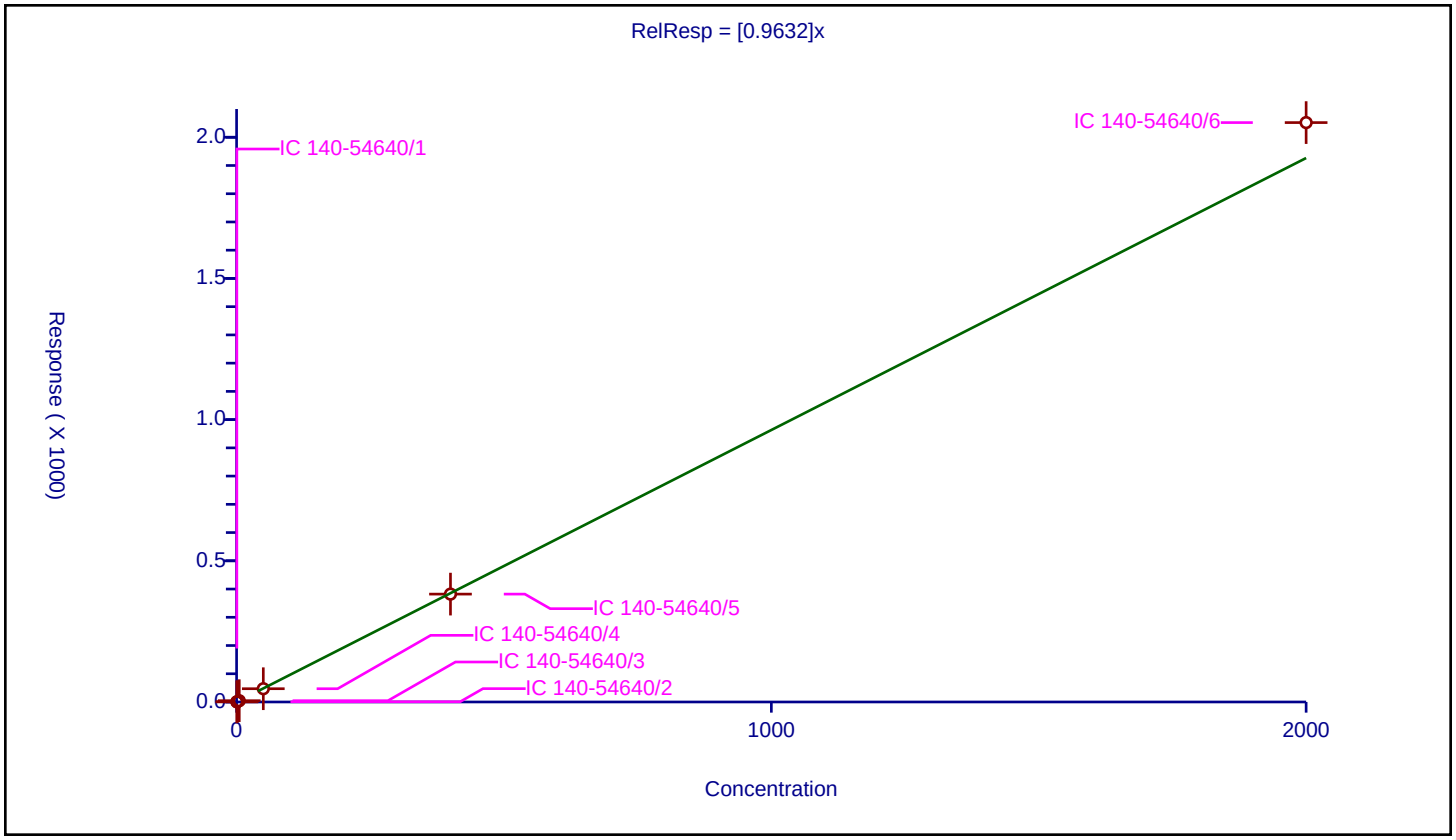
Curve Coefficients

Intercept:	0
Slope:	0.9632

Error Coefficients

Standard Error:	123000000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.524326	100.0	14035544.0	1.048652	Y
2	IC 140-54640/2	1.0	0.902507	100.0	14041006.0	0.902507	Y
3	IC 140-54640/3	5.0	4.533874	100.0	13989978.0	0.906775	Y
4	IC 140-54640/4	50.0	47.005308	100.0	13416823.0	0.940106	Y
5	IC 140-54640/5	400.0	382.098841	100.0	13114665.0	0.955247	Y
6	IC 140-54640/6	2000.0	2051.971018	100.0	13220149.0	1.025986	Y



Calibration / PCB-137

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

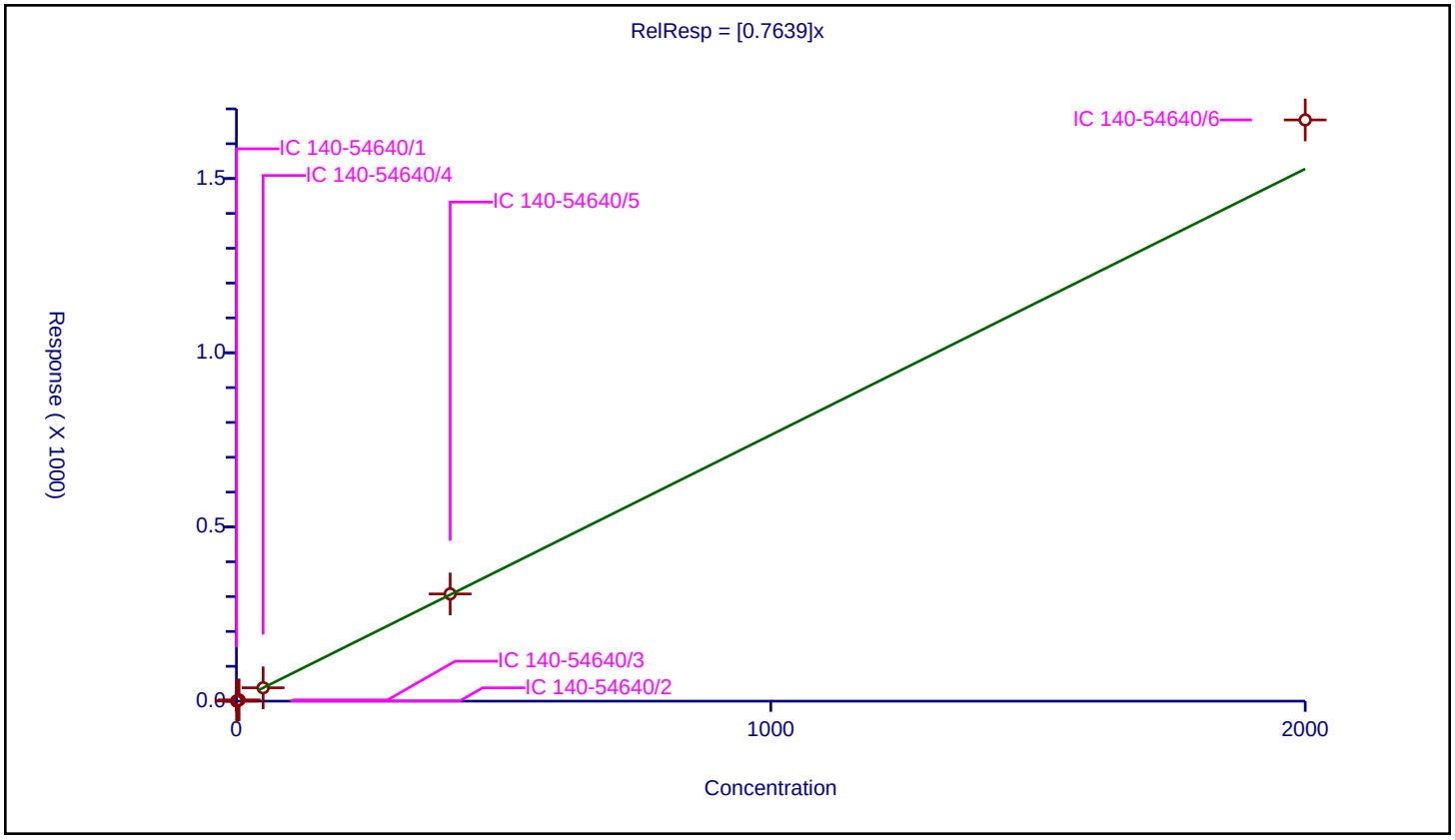
Curve Coefficients

Intercept:	0
Slope:	0.7639

Error Coefficients

Standard Error:	137000000
Relative Standard Error:	6.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.395702	200.0	36720092.0	0.791403	Y
2	IC 140-54640/2	1.0	0.697113	200.0	37783522.0	0.697113	Y
3	IC 140-54640/3	5.0	3.625423	200.0	37670475.0	0.725085	Y
4	IC 140-54640/4	50.0	38.3116	200.0	35831242.0	0.766232	Y
5	IC 140-54640/5	400.0	307.747488	200.0	35753500.0	0.769369	Y
6	IC 140-54640/6	2000.0	1668.278939	200.0	36072983.0	0.834139	Y



Calibration / PCB-138

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

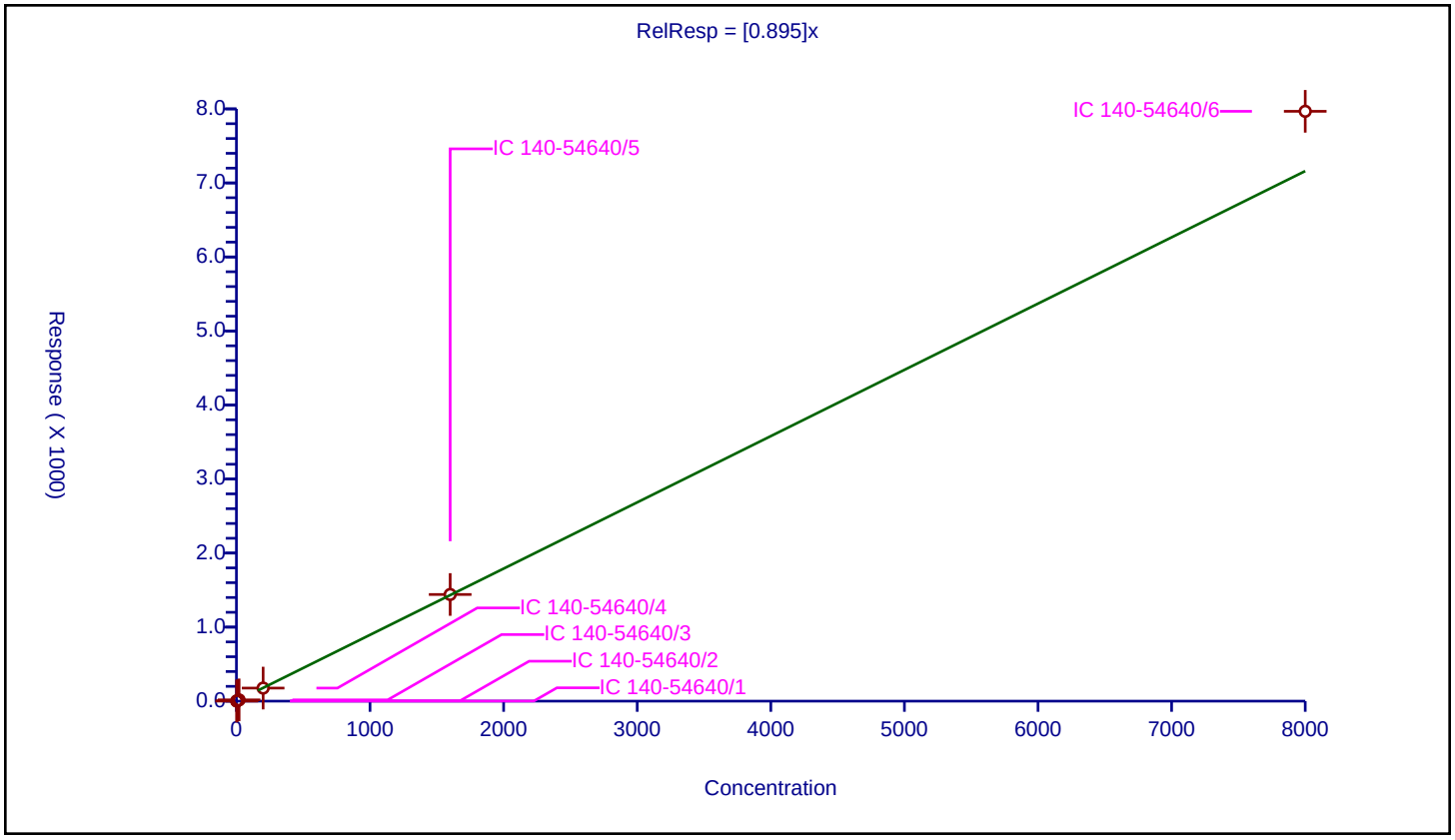
Curve Coefficients

Intercept:	0
Slope:	0.895

Error Coefficients

Standard Error:	653000000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	1.767387	200.0	36720092.0	0.883693	Y
2	IC 140-54640/2	4.0	3.397492	200.0	37783522.0	0.849373	Y
3	IC 140-54640/3	20.0	17.164153	200.0	37670475.0	0.858208	Y
4	IC 140-54640/4	200.0	176.4289	200.0	35831242.0	0.882144	Y
5	IC 140-54640/5	1600.0	1440.8544	200.0	35753500.0	0.900534	Y
6	IC 140-54640/6	8000.0	7967.306214	200.0	36072983.0	0.995913	Y



Calibration / PCB-139

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

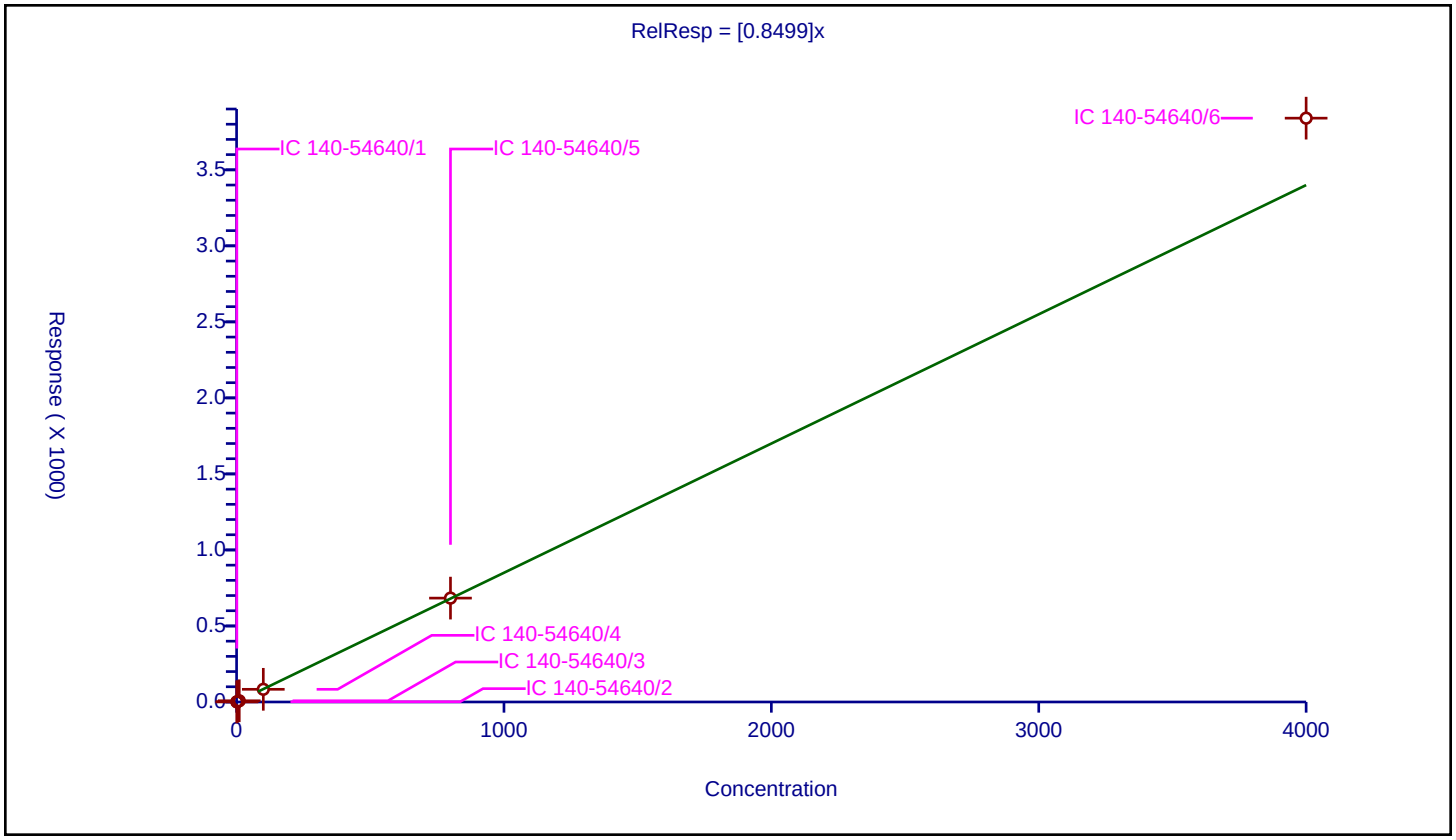
Curve Coefficients

Intercept:	0
Slope:	0.8499

Error Coefficients

Standard Error:	315000000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.868064	200.0	36720092.0	0.868064	Y
2	IC 140-54640/2	2.0	1.577831	200.0	37783522.0	0.788915	Y
3	IC 140-54640/3	10.0	7.951299	200.0	37670475.0	0.79513	Y
4	IC 140-54640/4	100.0	83.335509	200.0	35831242.0	0.833355	Y
5	IC 140-54640/5	800.0	683.145454	200.0	35753500.0	0.853932	Y
6	IC 140-54640/6	4000.0	3839.764524	200.0	36072983.0	0.959941	Y



Calibration / PCB-139/140

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

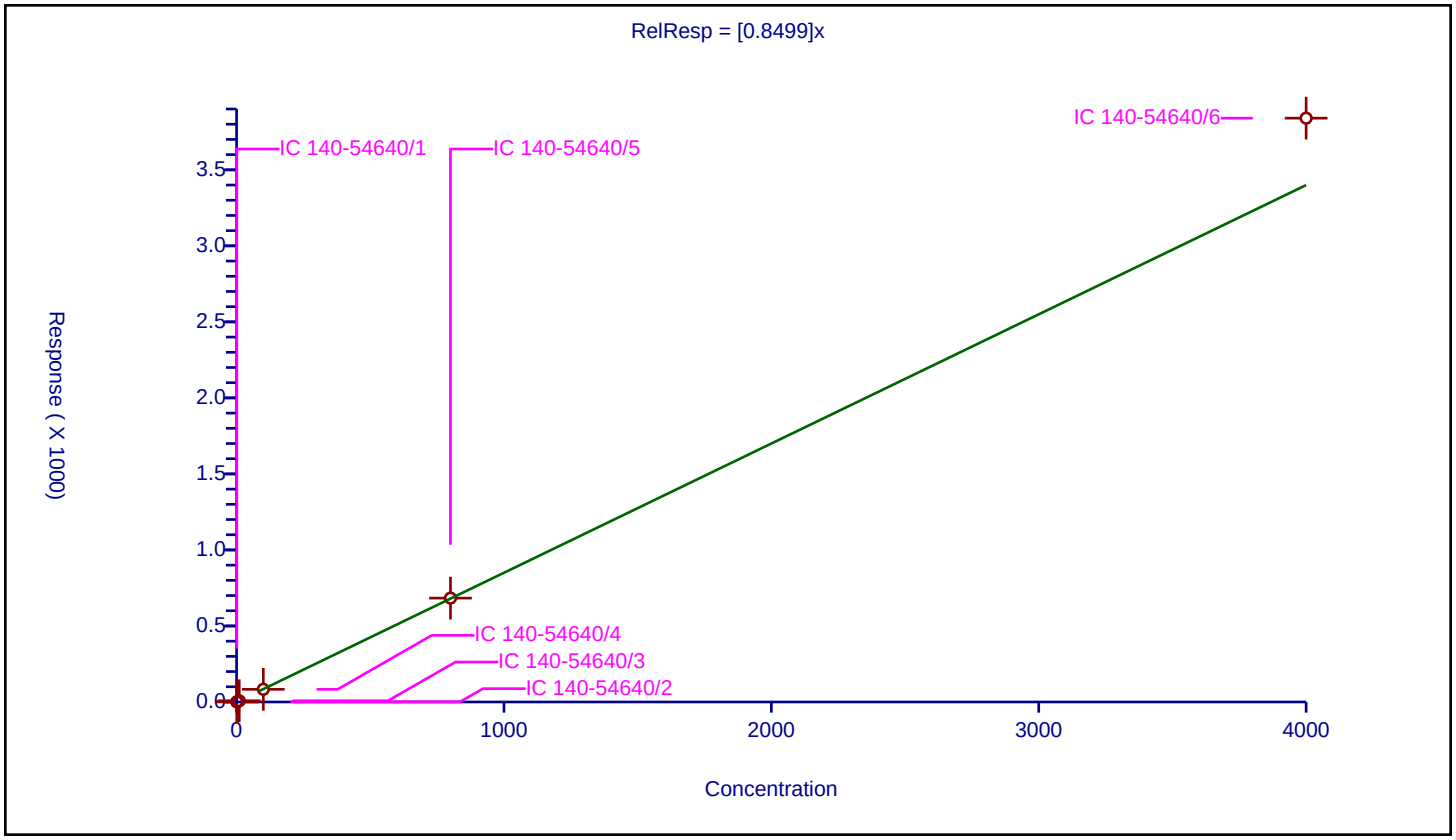
Curve Coefficients

Intercept:	0
Slope:	0.8499

Error Coefficients

Standard Error:	315000000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.868064	200.0	36720092.0	0.868064	Y
2	IC 140-54640/2	2.0	1.577831	200.0	37783522.0	0.788915	Y
3	IC 140-54640/3	10.0	7.951299	200.0	37670475.0	0.79513	Y
4	IC 140-54640/4	100.0	83.335509	200.0	35831242.0	0.833355	Y
5	IC 140-54640/5	800.0	683.145454	200.0	35753500.0	0.853932	Y
6	IC 140-54640/6	4000.0	3839.764524	200.0	36072983.0	0.959941	Y



Calibration / PCB-14

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

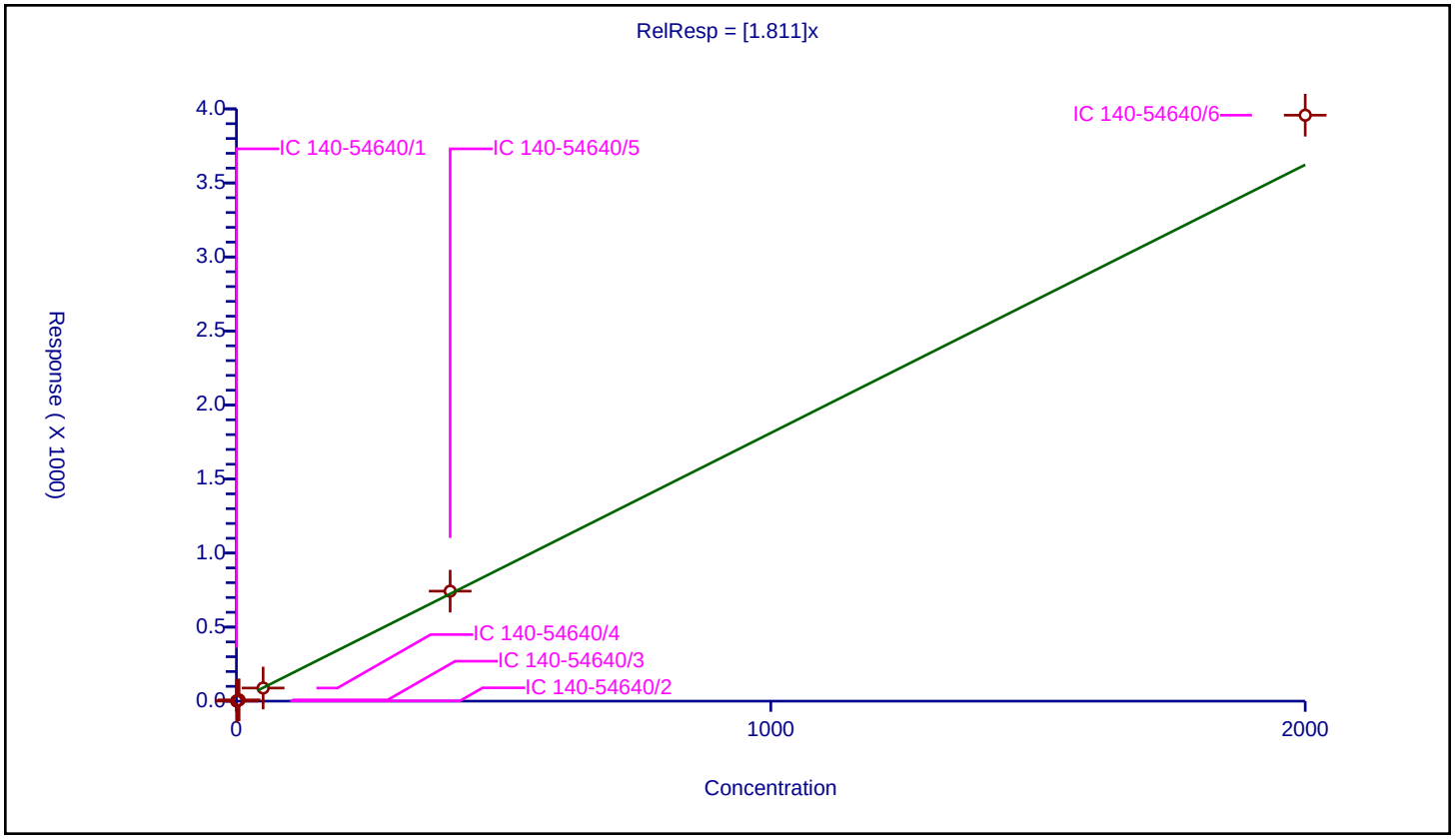
Curve Coefficients

Intercept:	0
Slope:	1.811

Error Coefficients

Standard Error:	222000000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.910536	100.0	12405884.0	1.821071	Y
2	IC 140-54640/2	1.0	1.714187	100.0	12725624.0	1.714187	Y
3	IC 140-54640/3	5.0	8.628533	100.0	12672398.0	1.725707	Y
4	IC 140-54640/4	50.0	88.547912	100.0	12271526.0	1.770958	Y
5	IC 140-54640/5	400.0	742.822452	100.0	11924149.0	1.857056	Y
6	IC 140-54640/6	2000.0	3957.304561	100.0	12348832.0	1.978652	Y



Calibration / PCB-140

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

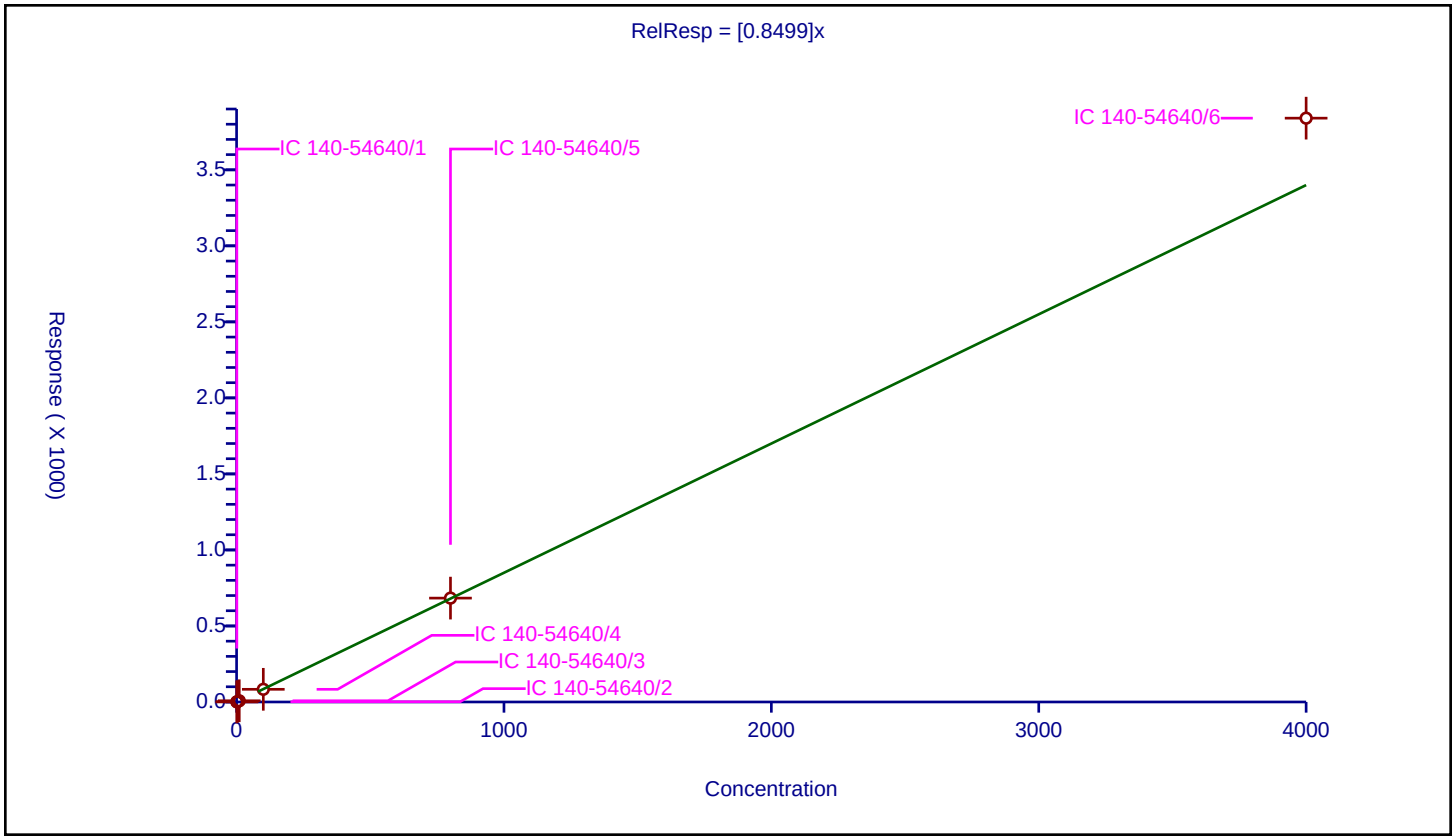
Curve Coefficients

Intercept:	0
Slope:	0.8499

Error Coefficients

Standard Error:	315000000
Relative Standard Error:	7.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.868064	200.0	36720092.0	0.868064	Y
2	IC 140-54640/2	2.0	1.577831	200.0	37783522.0	0.788915	Y
3	IC 140-54640/3	10.0	7.951299	200.0	37670475.0	0.79513	Y
4	IC 140-54640/4	100.0	83.335509	200.0	35831242.0	0.833355	Y
5	IC 140-54640/5	800.0	683.145454	200.0	35753500.0	0.853932	Y
6	IC 140-54640/6	4000.0	3839.764524	200.0	36072983.0	0.959941	Y



Calibration / PCB-141

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

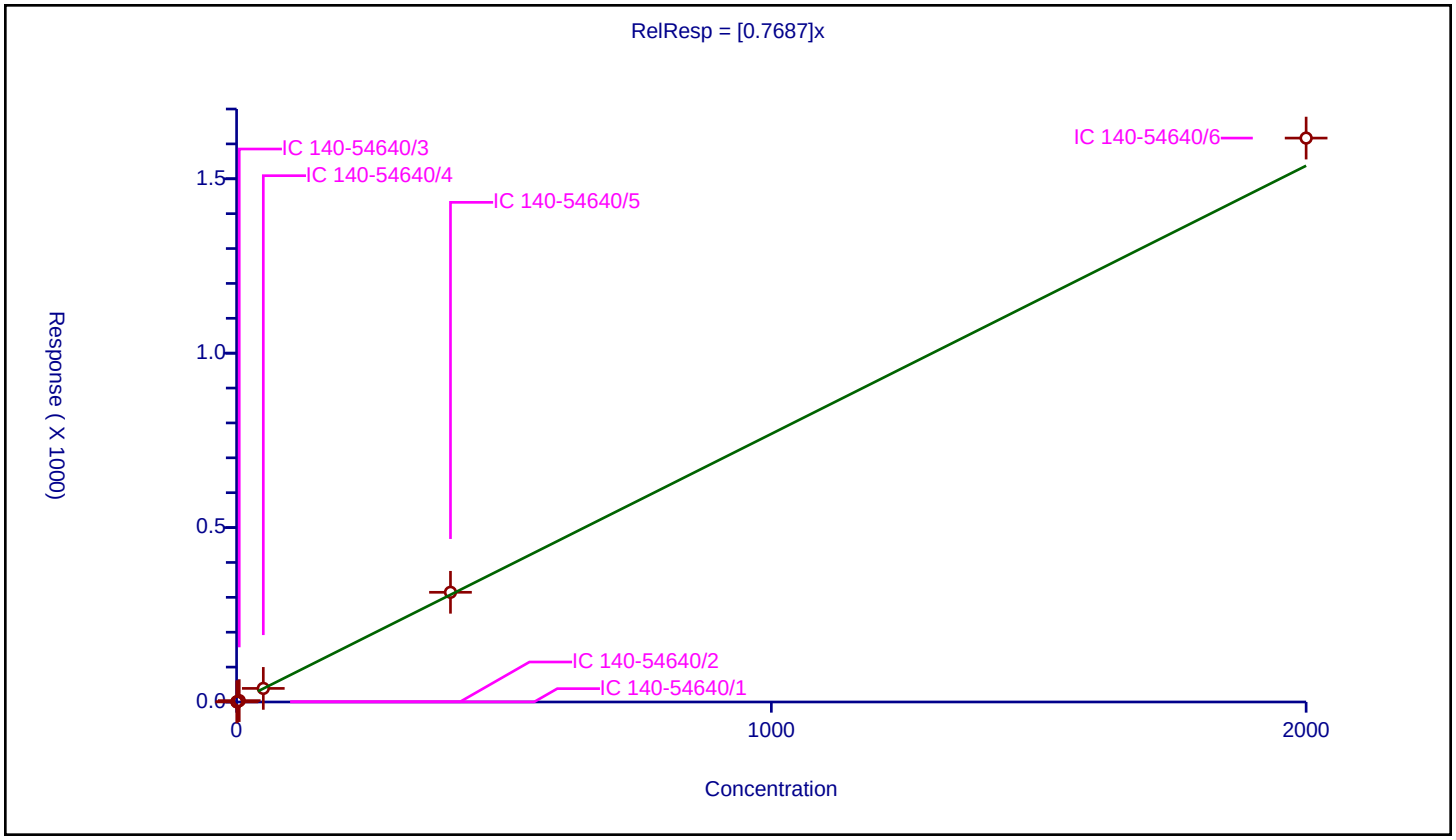
Curve Coefficients

Intercept:	0
Slope:	0.7687

Error Coefficients

Standard Error:	133000000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.359634	200.0	36720092.0	0.719268	Y
2	IC 140-54640/2	1.0	0.73568	200.0	37783522.0	0.73568	Y
3	IC 140-54640/3	5.0	3.916293	200.0	37670475.0	0.783259	Y
4	IC 140-54640/4	50.0	38.973547	200.0	35831242.0	0.779471	Y
5	IC 140-54640/5	400.0	314.47743	200.0	35753500.0	0.786194	Y
6	IC 140-54640/6	2000.0	1616.681287	200.0	36072983.0	0.808341	Y



Calibration / PCB-142

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

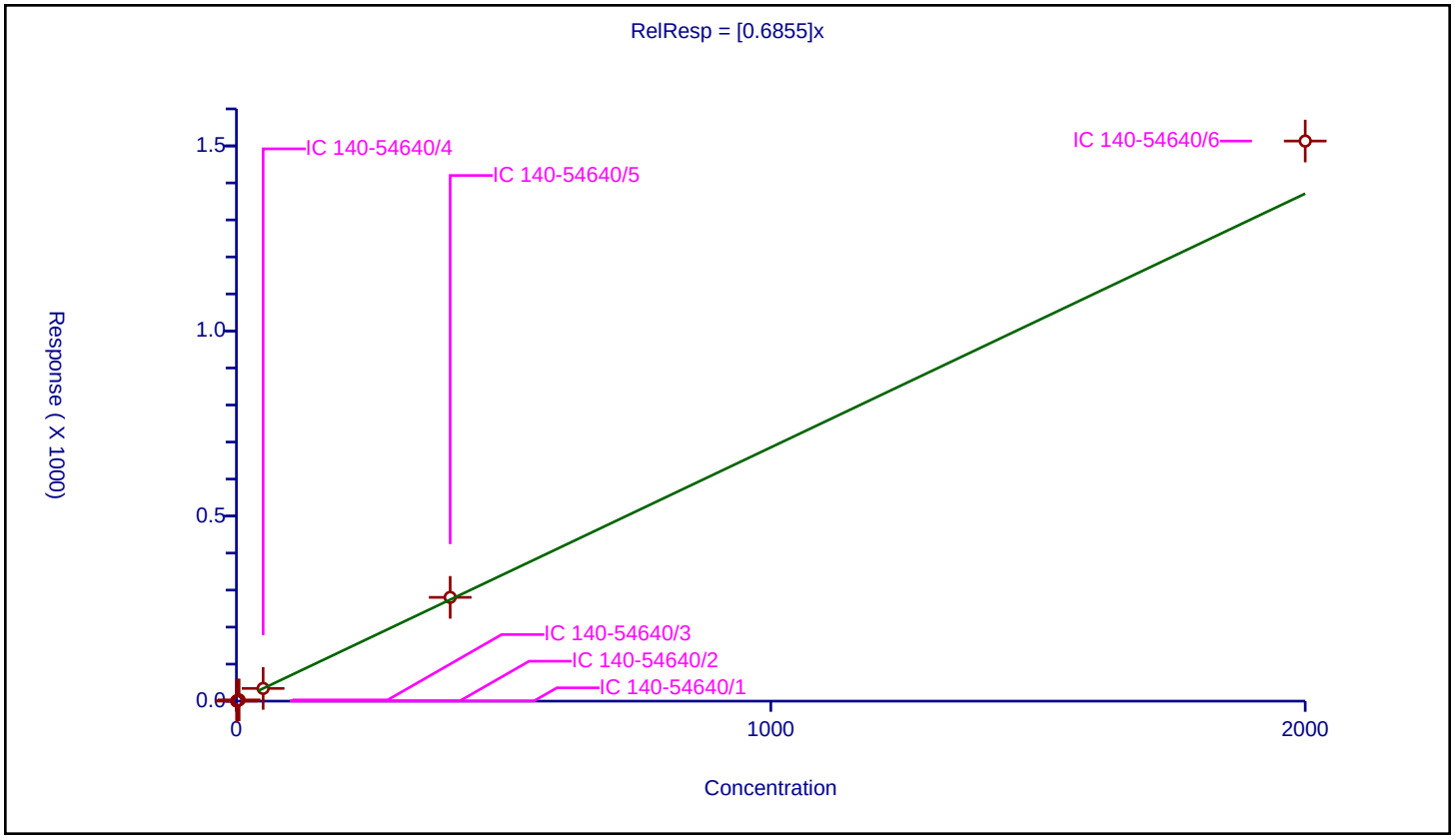
Curve Coefficients

Intercept:	0
Slope:	0.6855

Error Coefficients

Standard Error:	124000000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.327679	200.0	36720092.0	0.655358	Y
2	IC 140-54640/2	1.0	0.640163	200.0	37783522.0	0.640163	Y
3	IC 140-54640/3	5.0	3.366005	200.0	37670475.0	0.673201	Y
4	IC 140-54640/4	50.0	34.350693	200.0	35831242.0	0.687014	Y
5	IC 140-54640/5	400.0	280.363701	200.0	35753500.0	0.700909	Y
6	IC 140-54640/6	2000.0	1513.184829	200.0	36072983.0	0.756592	Y



Calibration / PCB-143

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

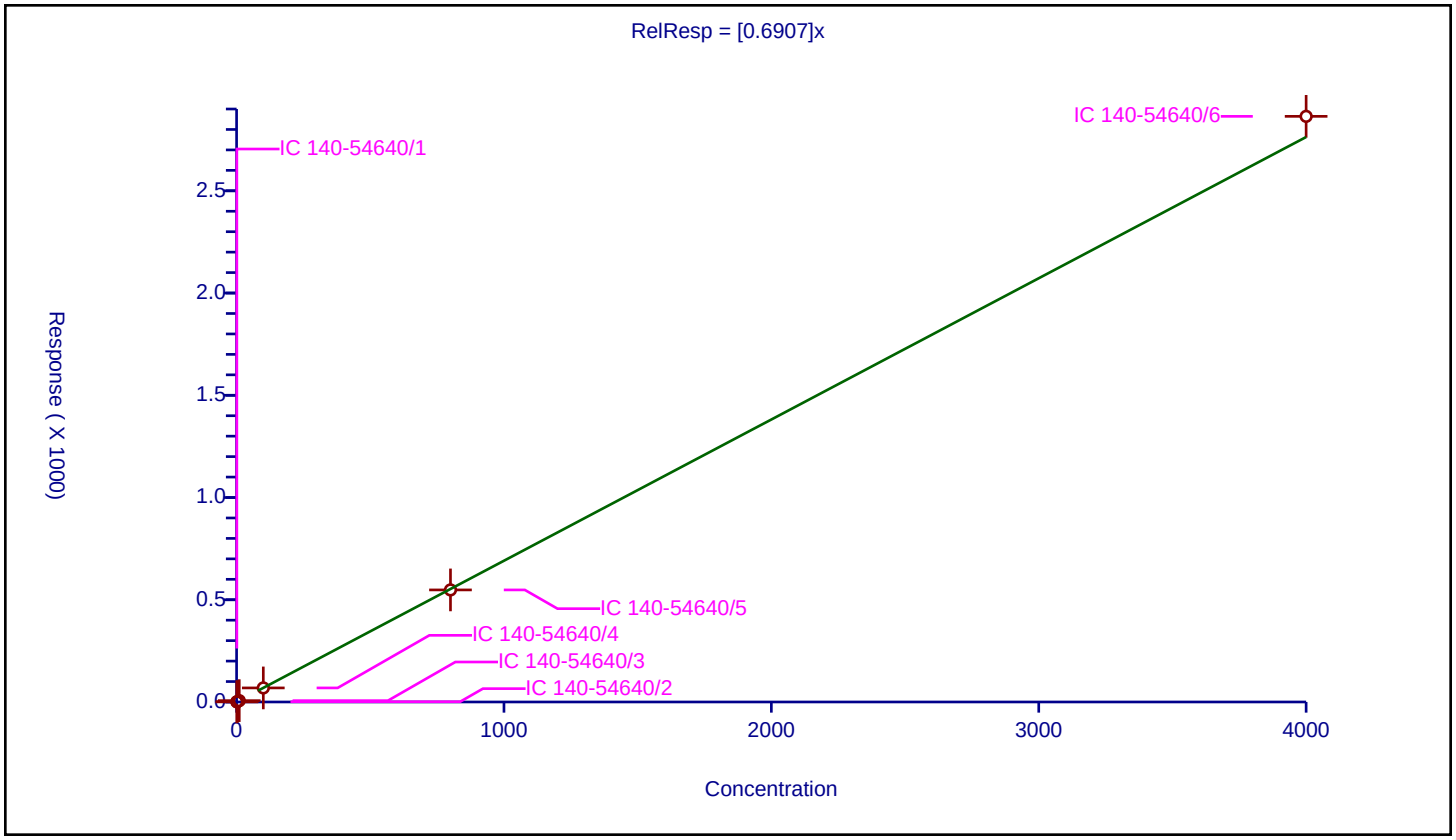
Curve Coefficients

Intercept:	0
Slope:	0.6907

Error Coefficients

Standard Error:	235000000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.715657	200.0	36720092.0	0.715657	Y
2	IC 140-54640/2	2.0	1.361017	200.0	37783522.0	0.680508	Y
3	IC 140-54640/3	10.0	6.596317	200.0	37670475.0	0.659632	Y
4	IC 140-54640/4	100.0	68.759118	200.0	35831242.0	0.687591	Y
5	IC 140-54640/5	800.0	548.031147	200.0	35753500.0	0.685039	Y
6	IC 140-54640/6	4000.0	2864.108283	200.0	36072983.0	0.716027	Y



Calibration / PCB-144

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

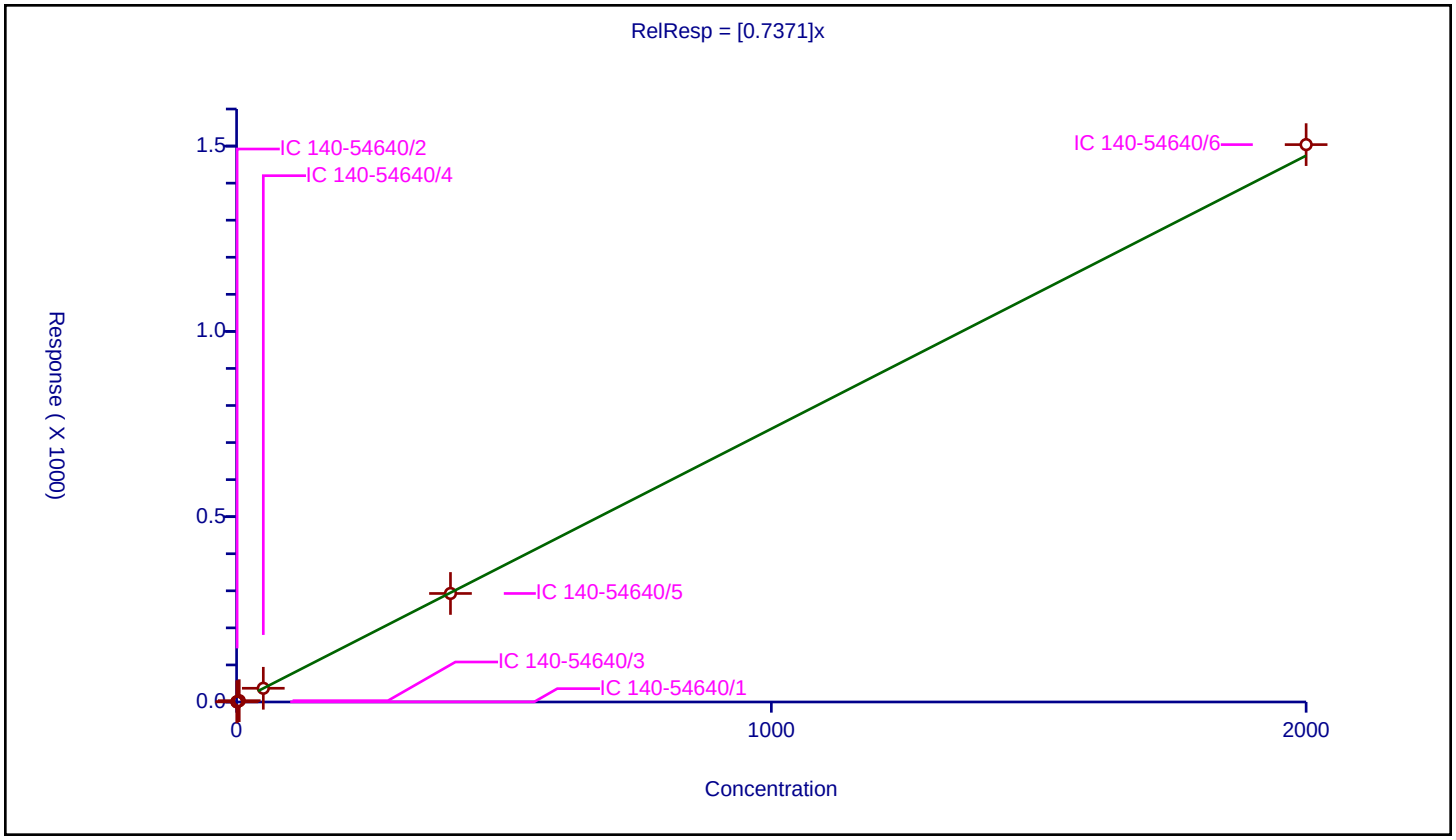
Curve Coefficients

Intercept:	0
Slope:	0.7371

Error Coefficients

Standard Error:	90600000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.366584	100.0	14035544.0	0.733167	Y
2	IC 140-54640/2	1.0	0.755409	100.0	14041006.0	0.755409	Y
3	IC 140-54640/3	5.0	3.545831	100.0	13989978.0	0.709166	Y
4	IC 140-54640/4	50.0	37.04573	100.0	13416823.0	0.740915	Y
5	IC 140-54640/5	400.0	292.835326	100.0	13114665.0	0.732088	Y
6	IC 140-54640/6	2000.0	1503.938012	100.0	13220149.0	0.751969	Y



Calibration / PCB-145

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

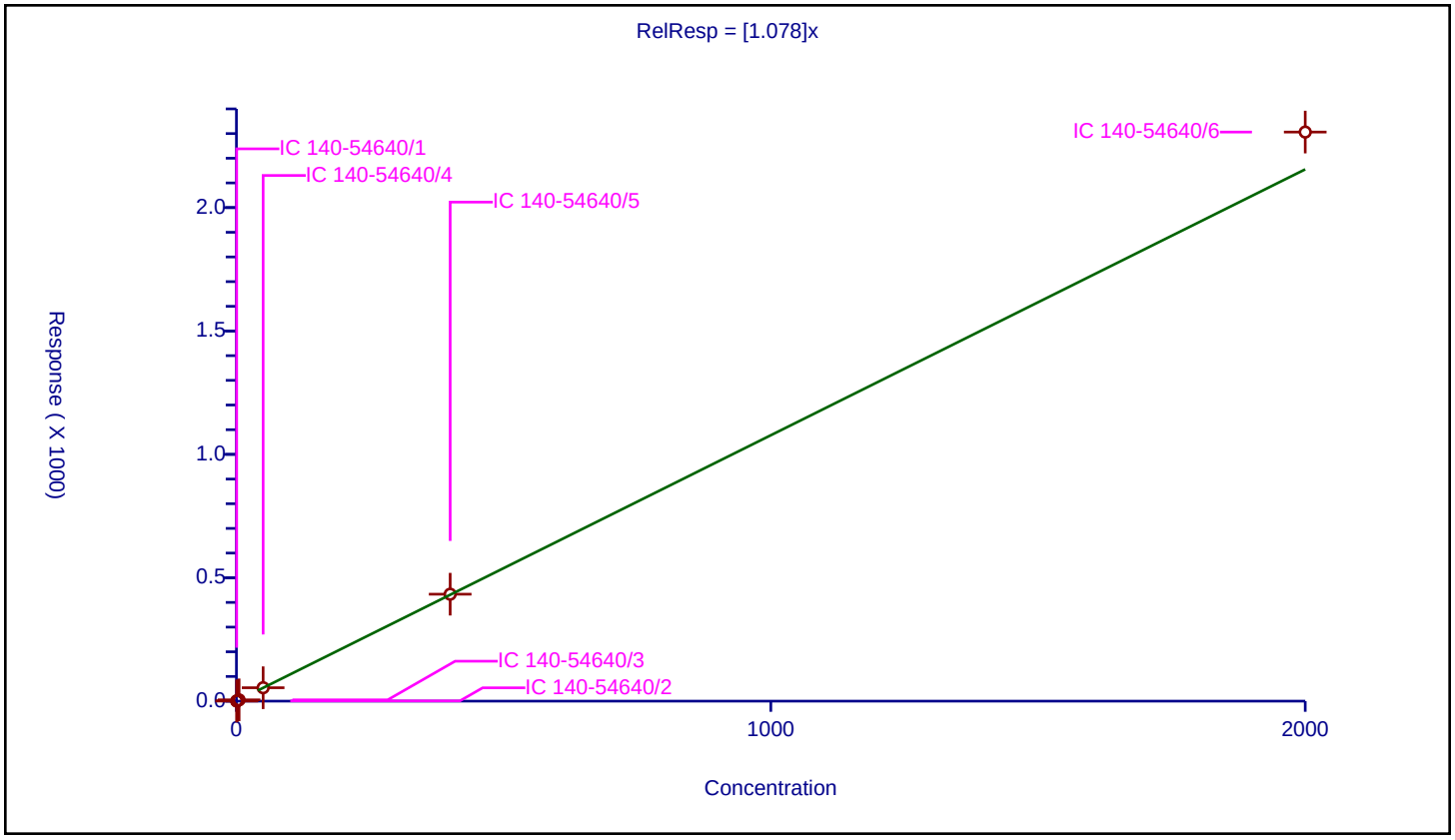
Curve Coefficients

Intercept:	0
Slope:	1.078

Error Coefficients

Standard Error:	139000000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.546092	100.0	14035544.0	1.092184	Y
2	IC 140-54640/2	1.0	1.005092	100.0	14041006.0	1.005092	Y
3	IC 140-54640/3	5.0	5.224376	100.0	13989978.0	1.044875	Y
4	IC 140-54640/4	50.0	54.31206	100.0	13416823.0	1.086241	Y
5	IC 140-54640/5	400.0	433.441479	100.0	13114665.0	1.083604	Y
6	IC 140-54640/6	2000.0	2306.08363	100.0	13220149.0	1.153042	Y



Calibration / PCB-146

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

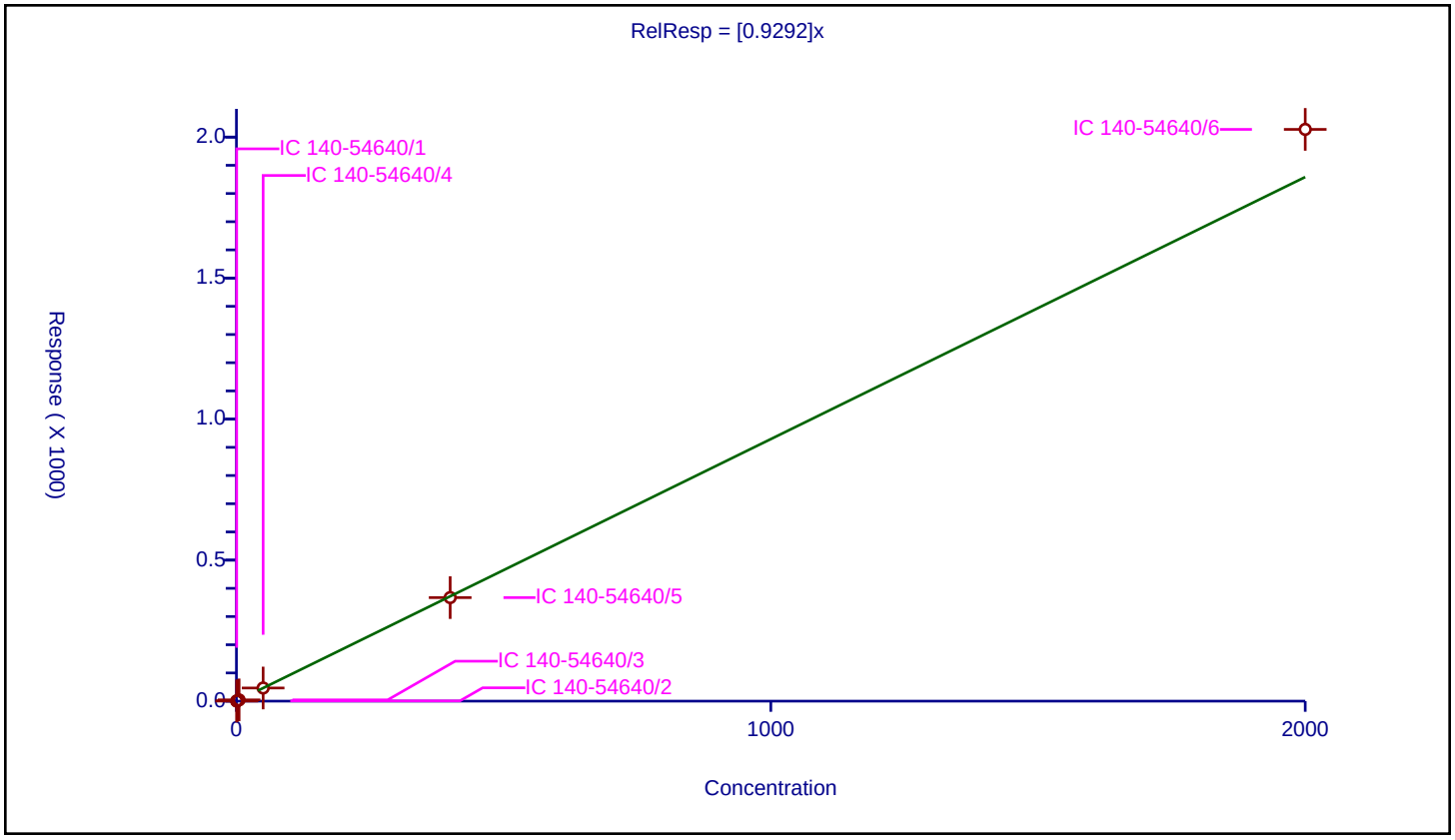
Curve Coefficients

Intercept:	0
Slope:	0.9292

Error Coefficients

Standard Error:	166000000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.471921	200.0	36720092.0	0.943843	Y
2	IC 140-54640/2	1.0	0.87175	200.0	37783522.0	0.87175	Y
3	IC 140-54640/3	5.0	4.481802	200.0	37670475.0	0.89636	Y
4	IC 140-54640/4	50.0	46.574545	200.0	35831242.0	0.931491	Y
5	IC 140-54640/5	400.0	367.162448	200.0	35753500.0	0.917906	Y
6	IC 140-54640/6	2000.0	2027.320757	200.0	36072983.0	1.01366	Y



Calibration / PCB-147

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

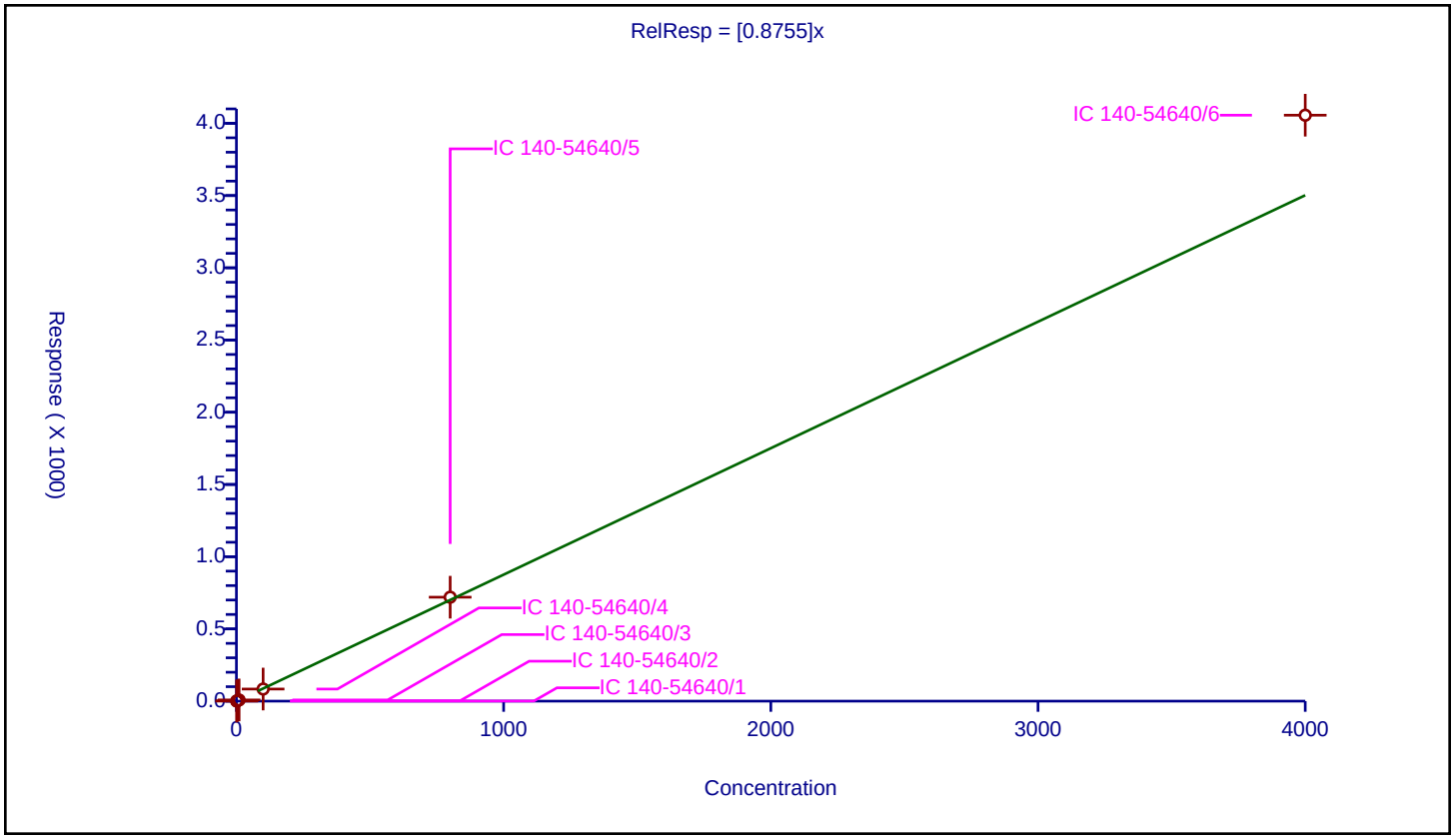
Curve Coefficients

Intercept:	0
Slope:	0.8755

Error Coefficients

Standard Error:	332000000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.844415	200.0	36720092.0	0.844415	Y
2	IC 140-54640/2	2.0	1.687339	200.0	37783522.0	0.843669	Y
3	IC 140-54640/3	10.0	8.13059	200.0	37670475.0	0.813059	Y
4	IC 140-54640/4	100.0	83.843005	200.0	35831242.0	0.83843	Y
5	IC 140-54640/5	800.0	719.602098	200.0	35753500.0	0.899503	Y
6	IC 140-54640/6	4000.0	4056.239236	200.0	36072983.0	1.01406	Y



Calibration / PCB-147/149

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

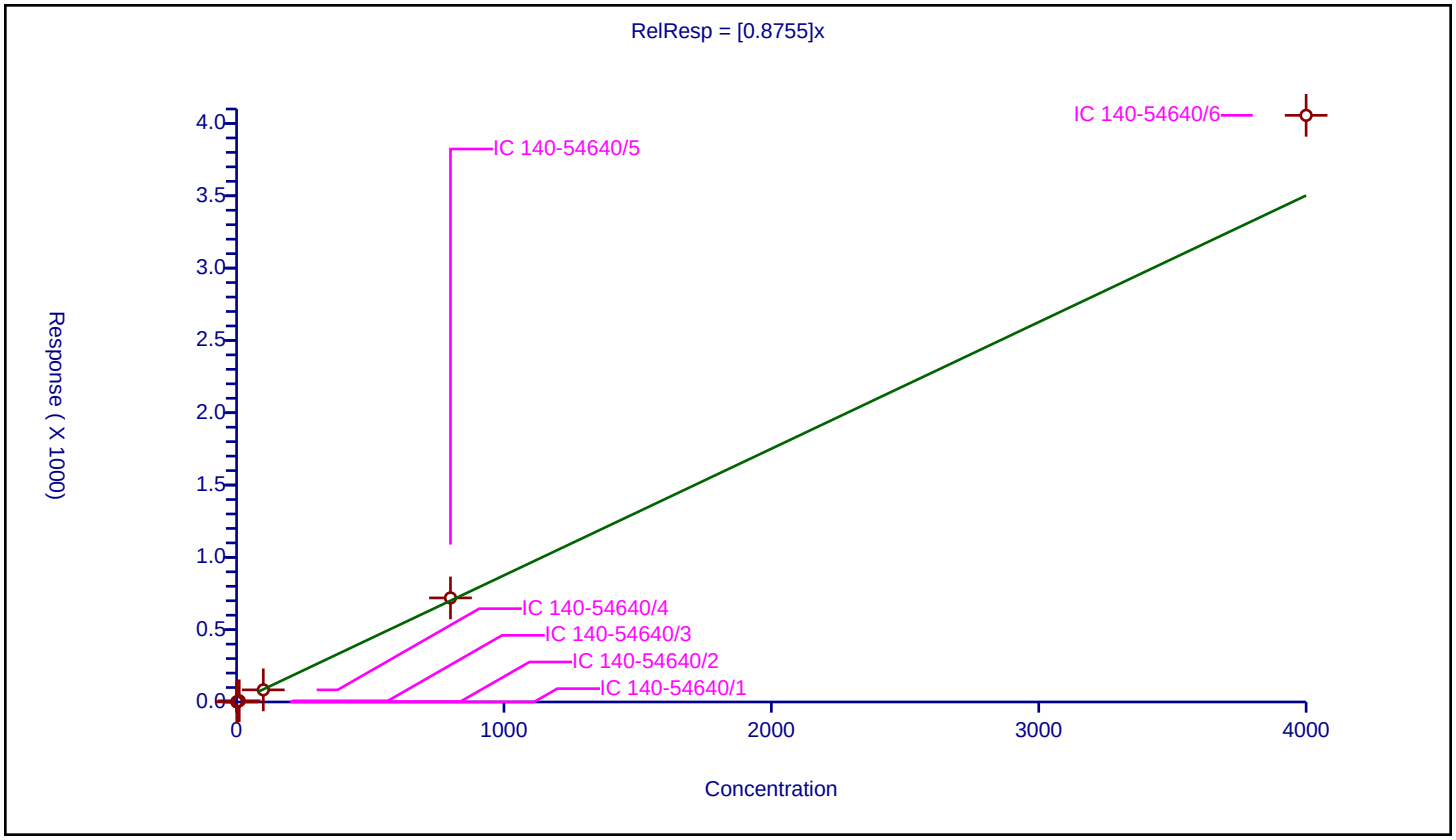
Curve Coefficients

Intercept:	0
Slope:	0.8755

Error Coefficients

Standard Error:	332000000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.844415	200.0	36720092.0	0.844415	Y
2	IC 140-54640/2	2.0	1.687339	200.0	37783522.0	0.843669	Y
3	IC 140-54640/3	10.0	8.13059	200.0	37670475.0	0.813059	Y
4	IC 140-54640/4	100.0	83.843005	200.0	35831242.0	0.83843	Y
5	IC 140-54640/5	800.0	719.602098	200.0	35753500.0	0.899503	Y
6	IC 140-54640/6	4000.0	4056.239236	200.0	36072983.0	1.01406	Y



Calibration / PCB-148

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

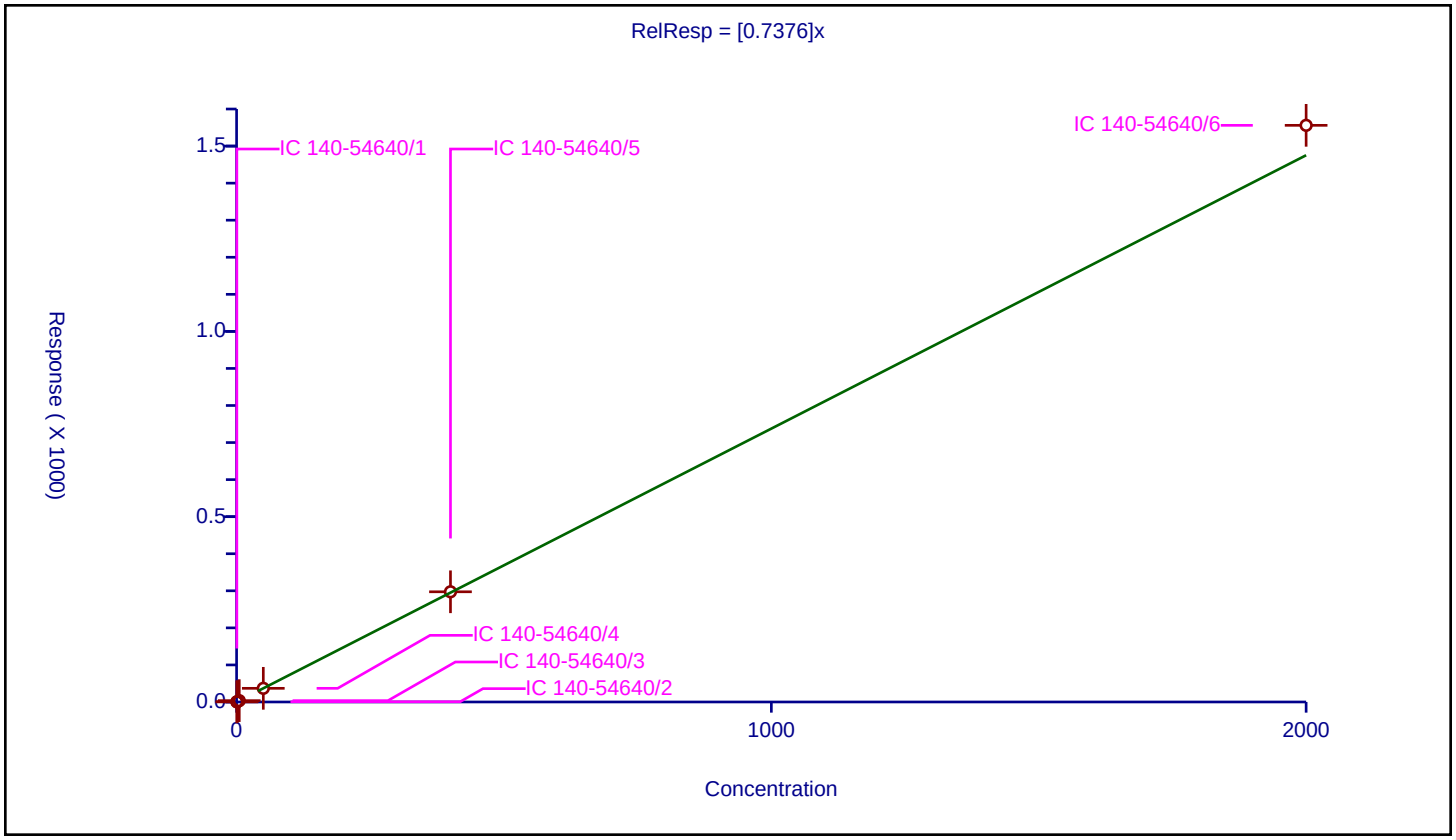
Curve Coefficients

Intercept:	0
Slope:	0.7376

Error Coefficients

Standard Error:	93700000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.376352	100.0	14035544.0	0.752703	Y
2	IC 140-54640/2	1.0	0.686952	100.0	14041006.0	0.686952	Y
3	IC 140-54640/3	5.0	3.639184	100.0	13989978.0	0.727837	Y
4	IC 140-54640/4	50.0	36.848053	100.0	13416823.0	0.736961	Y
5	IC 140-54640/5	400.0	297.317888	100.0	13114665.0	0.743295	Y
6	IC 140-54640/6	2000.0	1555.951381	100.0	13220149.0	0.777976	Y



Calibration / PCB-149

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

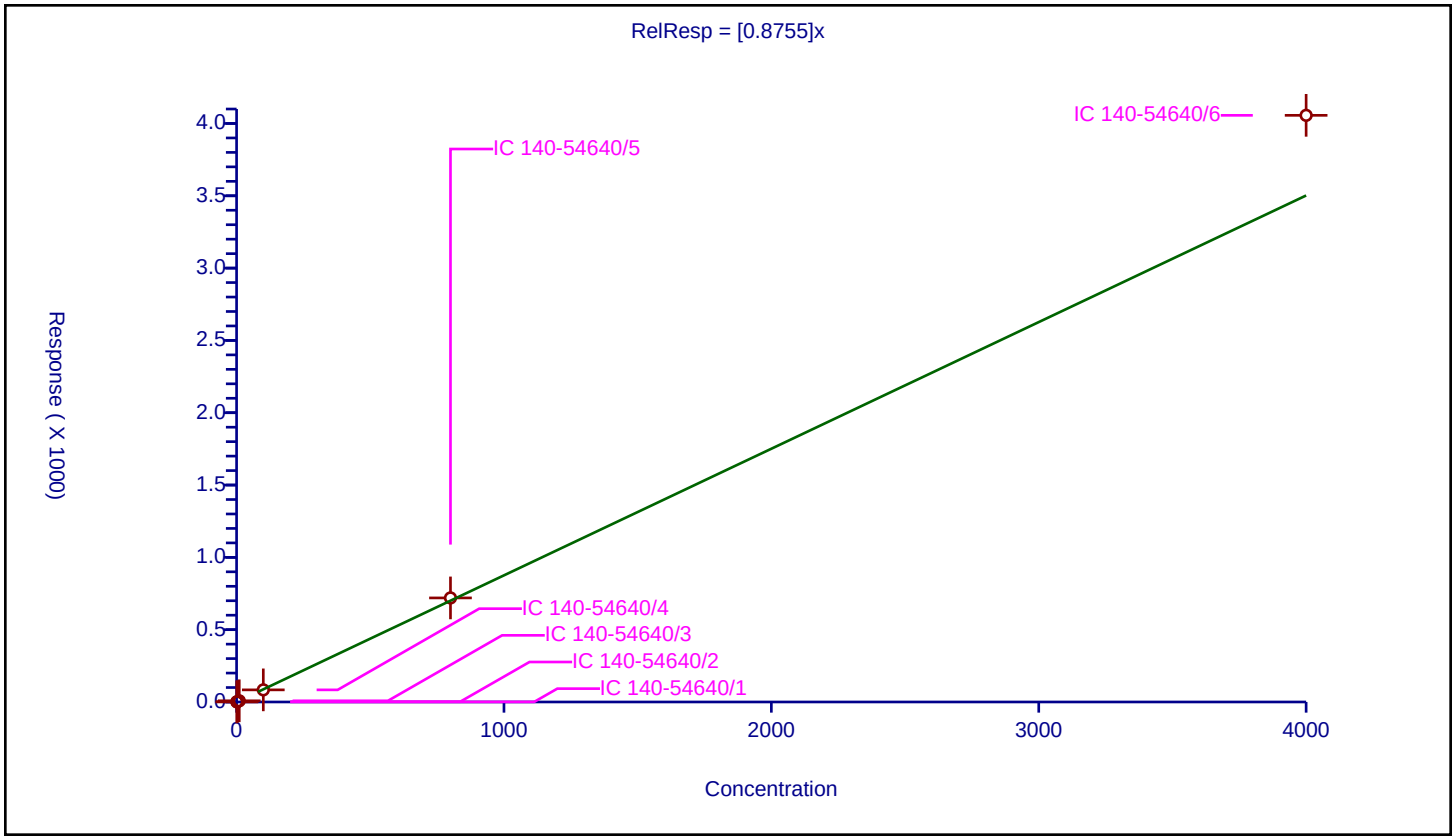
Curve Coefficients

Intercept:	0
Slope:	0.8755

Error Coefficients

Standard Error:	332000000
Relative Standard Error:	8.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.844415	200.0	36720092.0	0.844415	Y
2	IC 140-54640/2	2.0	1.687339	200.0	37783522.0	0.843669	Y
3	IC 140-54640/3	10.0	8.13059	200.0	37670475.0	0.813059	Y
4	IC 140-54640/4	100.0	83.843005	200.0	35831242.0	0.83843	Y
5	IC 140-54640/5	800.0	719.602098	200.0	35753500.0	0.899503	Y
6	IC 140-54640/6	4000.0	4056.239236	200.0	36072983.0	1.01406	Y



Calibration / PCB-15

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

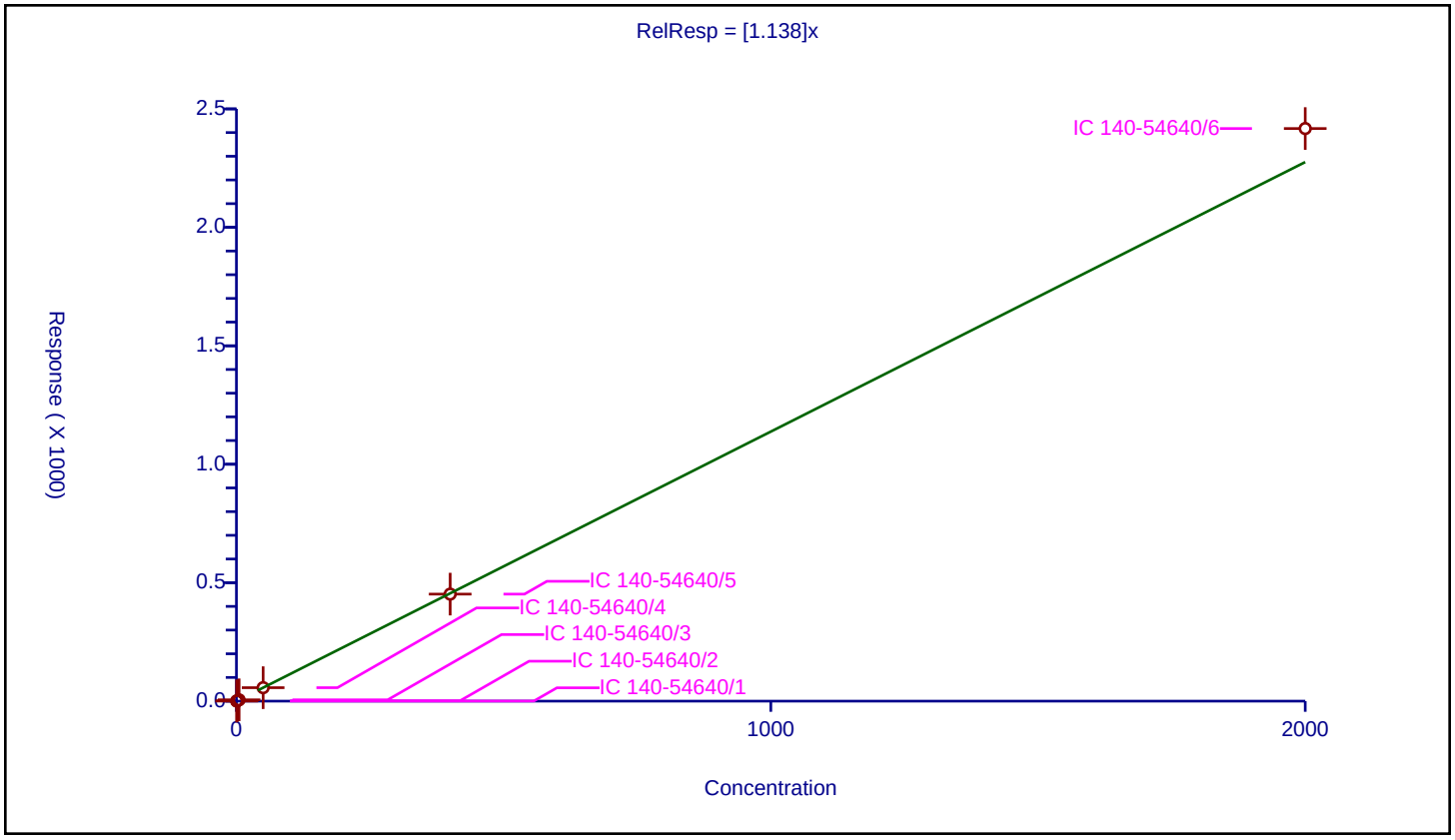
Curve Coefficients

Intercept:	0
Slope:	1.138

Error Coefficients

Standard Error:	252000000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.557863	100.0	22204389.0	1.115725	Y
2	IC 140-54640/2	1.0	1.132244	100.0	22592576.0	1.132244	Y
3	IC 140-54640/3	5.0	5.520339	100.0	22781646.0	1.104068	Y
4	IC 140-54640/4	50.0	56.826778	100.0	21888853.0	1.136536	Y
5	IC 140-54640/5	400.0	451.78336	100.0	22533731.0	1.129458	Y
6	IC 140-54640/6	2000.0	2417.003953	100.0	22898469.0	1.208502	Y



Calibration / PCB-150

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

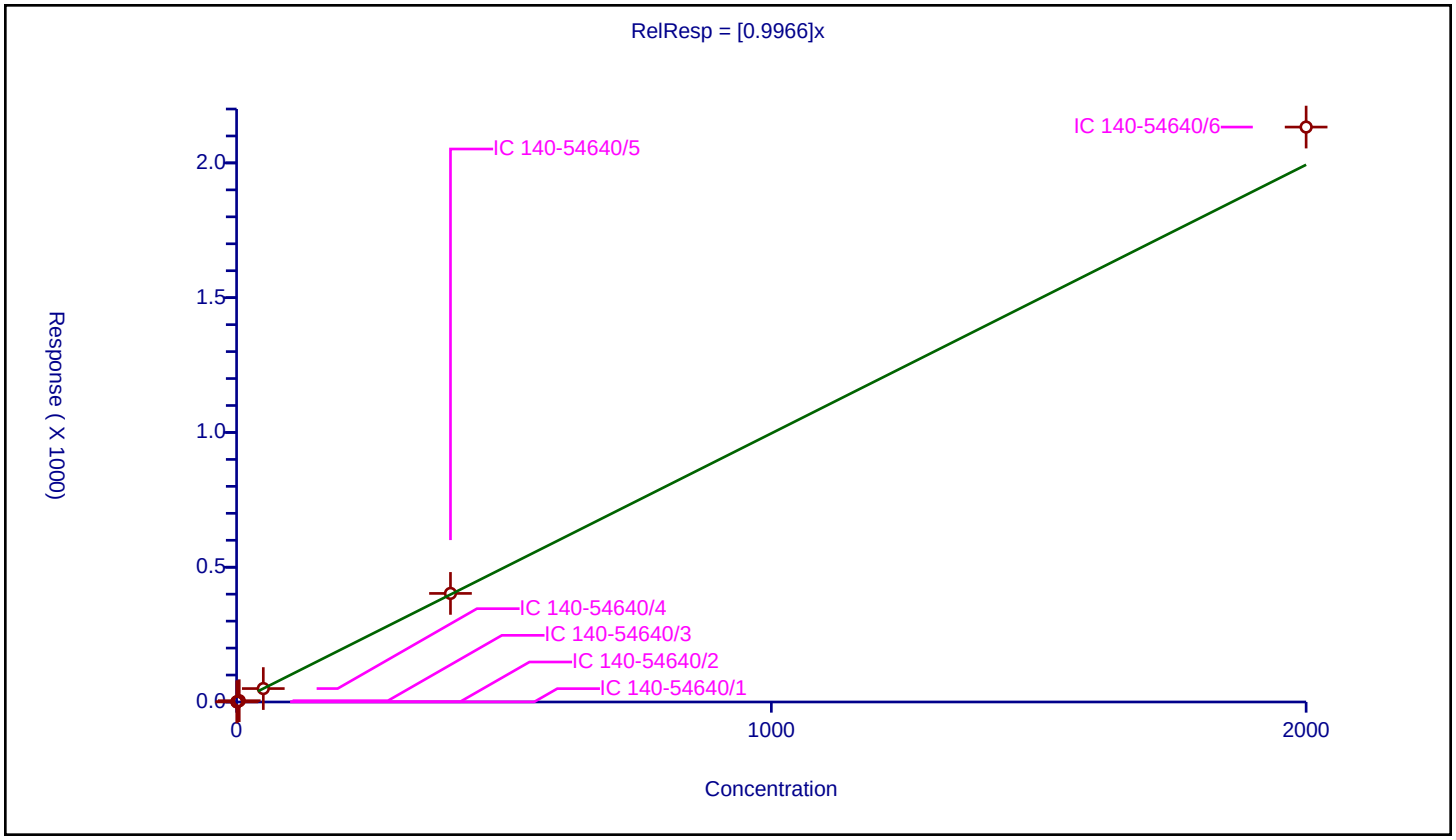
Curve Coefficients

Intercept:	0
Slope:	0.9966

Error Coefficients

Standard Error:	128000000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.481805	100.0	14035544.0	0.963611	Y
2	IC 140-54640/2	1.0	0.981361	100.0	14041006.0	0.981361	Y
3	IC 140-54640/3	5.0	4.827992	100.0	13989978.0	0.965598	Y
4	IC 140-54640/4	50.0	49.778476	100.0	13416823.0	0.99557	Y
5	IC 140-54640/5	400.0	402.815634	100.0	13114665.0	1.007039	Y
6	IC 140-54640/6	2000.0	2133.053992	100.0	13220149.0	1.066527	Y



Calibration / PCB-151

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

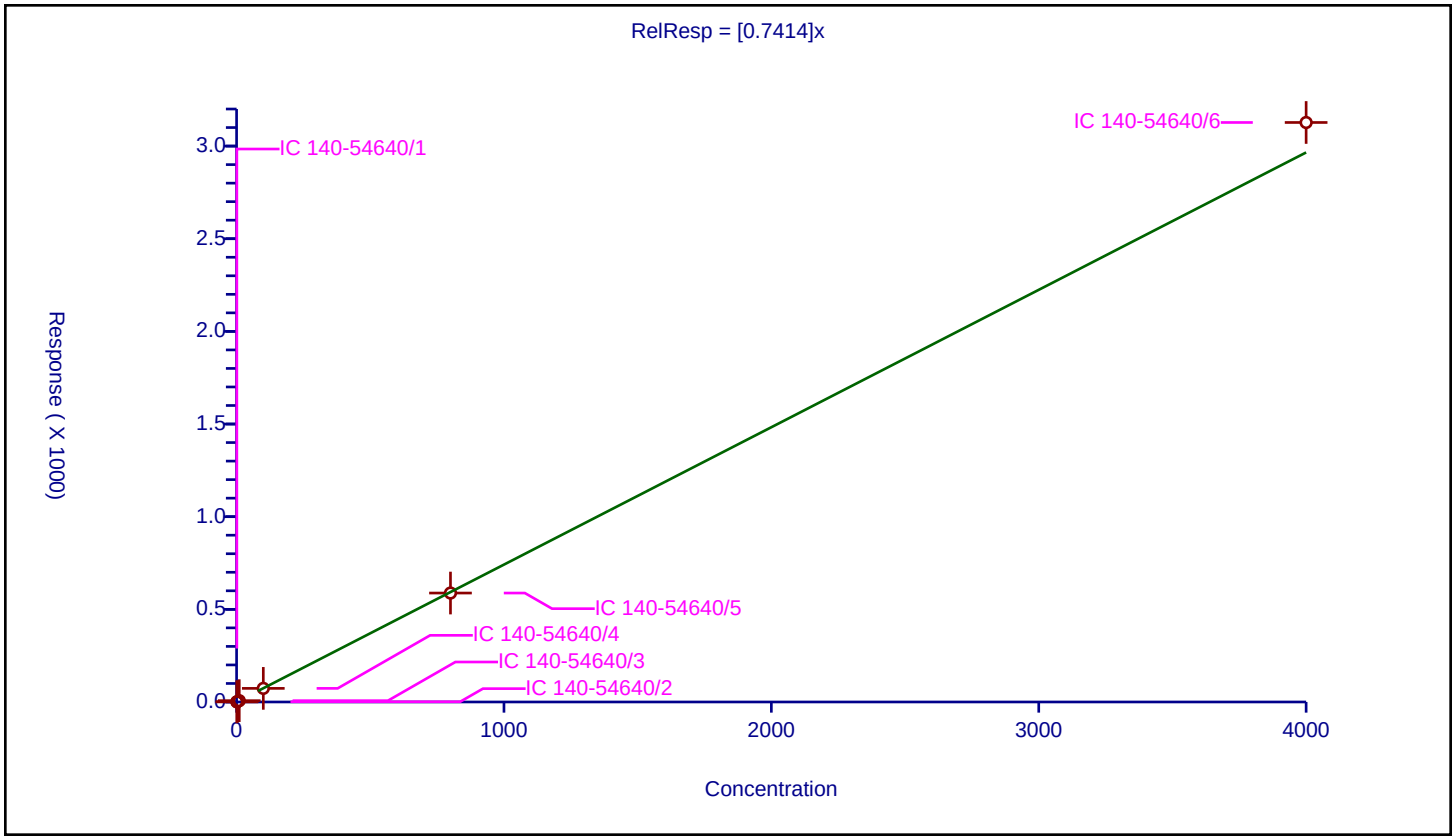
Curve Coefficients

Intercept:	0
Slope:	0.7414

Error Coefficients

Standard Error:	188000000
Relative Standard Error:	3.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.764659	100.0	14035544.0	0.764659	Y
2	IC 140-54640/2	2.0	1.437055	100.0	14041006.0	0.718528	Y
3	IC 140-54640/3	10.0	7.14079	100.0	13989978.0	0.714079	Y
4	IC 140-54640/4	100.0	73.437177	100.0	13416823.0	0.734372	Y
5	IC 140-54640/5	800.0	587.946181	100.0	13114665.0	0.734933	Y
6	IC 140-54640/6	4000.0	3127.253535	100.0	13220149.0	0.781813	Y



Calibration / PCB-152

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

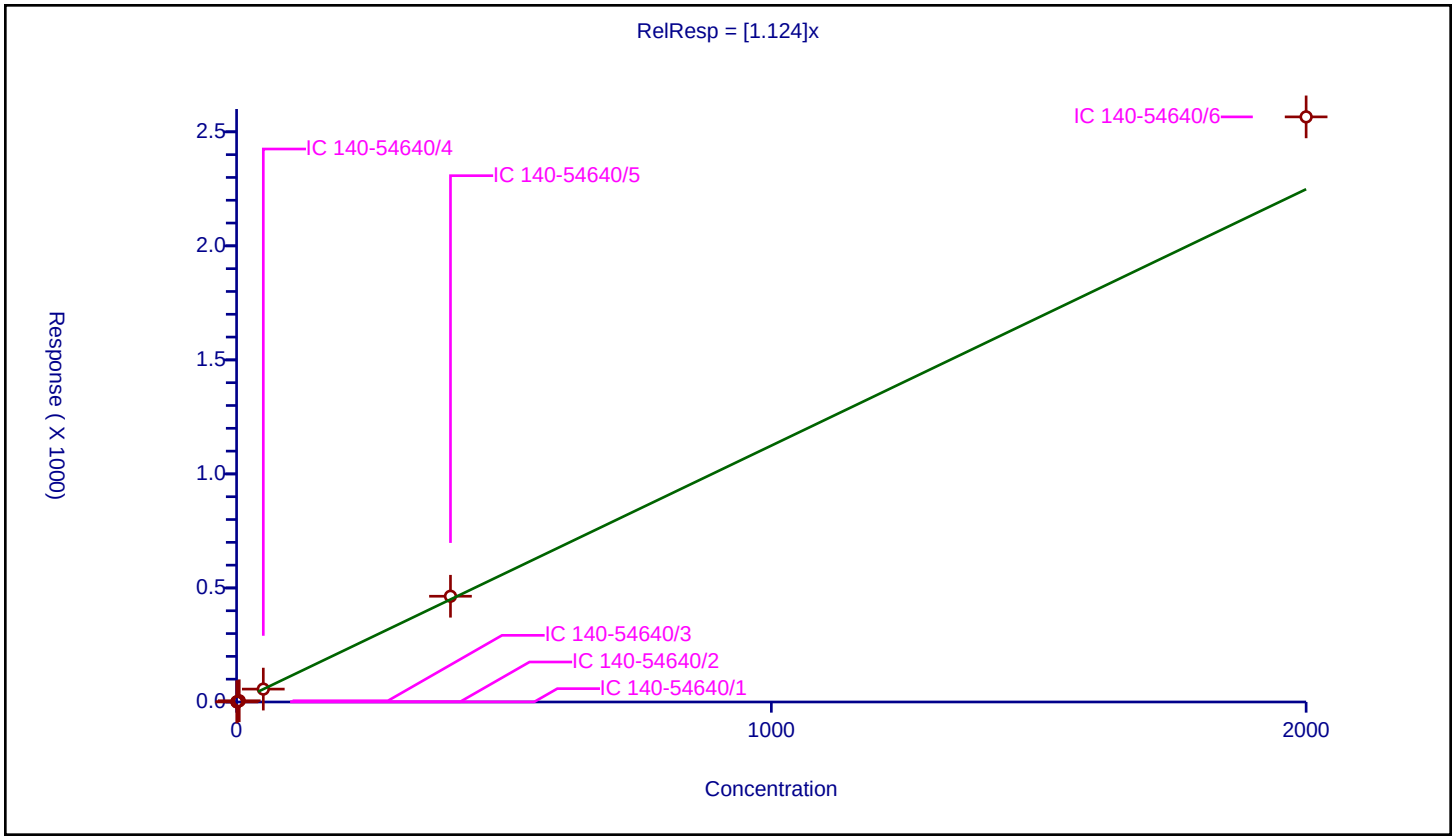
Curve Coefficients

Intercept:	0
Slope:	1.124

Error Coefficients

Standard Error:	154000000
Relative Standard Error:	8.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.529413	100.0	14035544.0	1.058826	Y
2	IC 140-54640/2	1.0	1.036998	100.0	14041006.0	1.036998	Y
3	IC 140-54640/3	5.0	5.384569	100.0	13989978.0	1.076914	Y
4	IC 140-54640/4	50.0	56.517404	100.0	13416823.0	1.130348	Y
5	IC 140-54640/5	400.0	463.722116	100.0	13114665.0	1.159305	Y
6	IC 140-54640/6	2000.0	2565.455737	100.0	13220149.0	1.282728	Y



Calibration / PCB-153

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

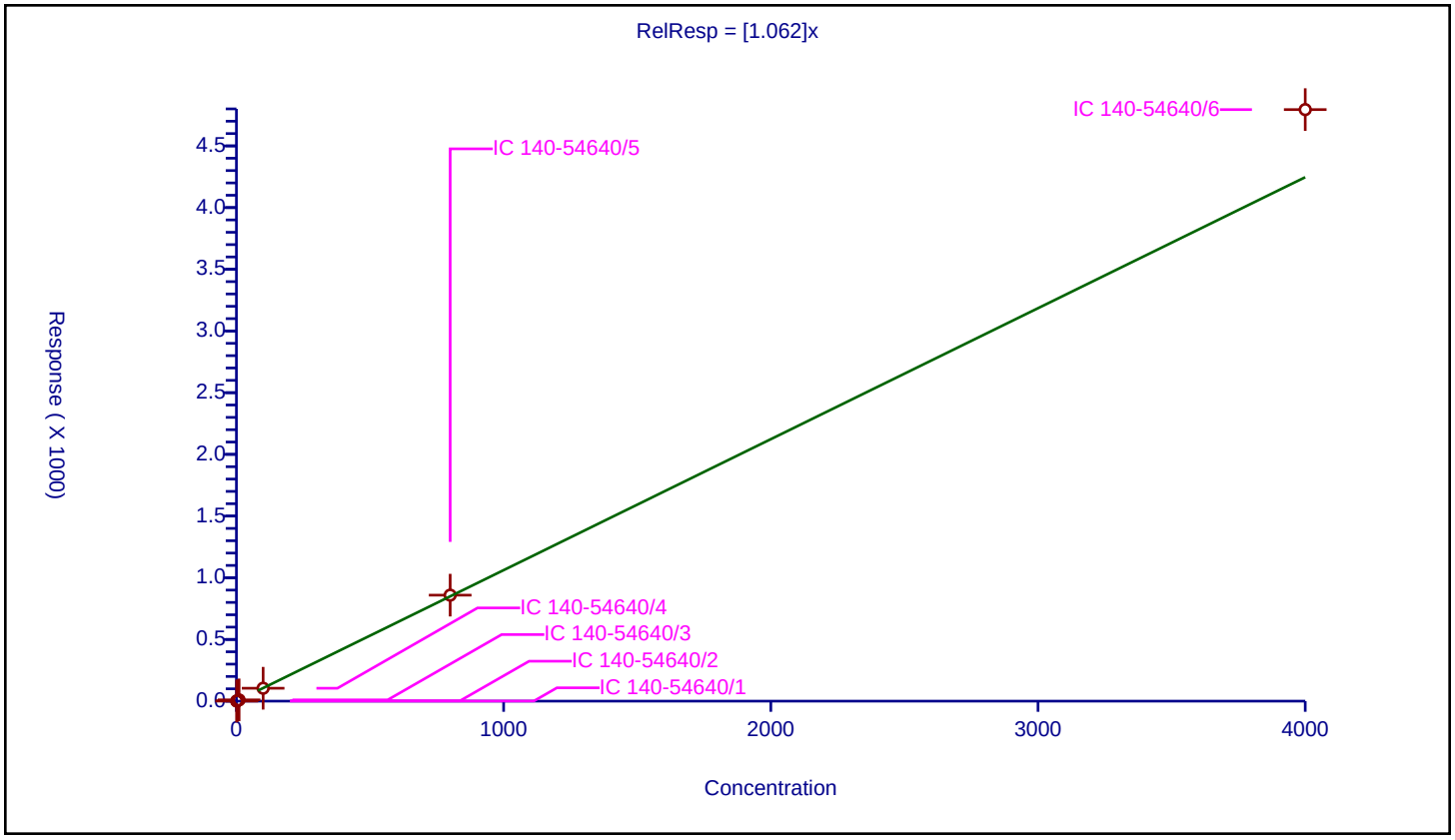
Curve Coefficients

Intercept:	0
Slope:	1.062

Error Coefficients

Standard Error:	393000000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.009322	200.0	36720092.0	1.009322	Y
2	IC 140-54640/2	2.0	2.053969	200.0	37783522.0	1.026985	Y
3	IC 140-54640/3	10.0	10.147549	200.0	37670475.0	1.014755	Y
4	IC 140-54640/4	100.0	104.597552	200.0	35831242.0	1.045976	Y
5	IC 140-54640/5	800.0	858.958194	200.0	35753500.0	1.073698	Y
6	IC 140-54640/6	4000.0	4794.140557	200.0	36072983.0	1.198535	Y



Calibration / PCB-153/168

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

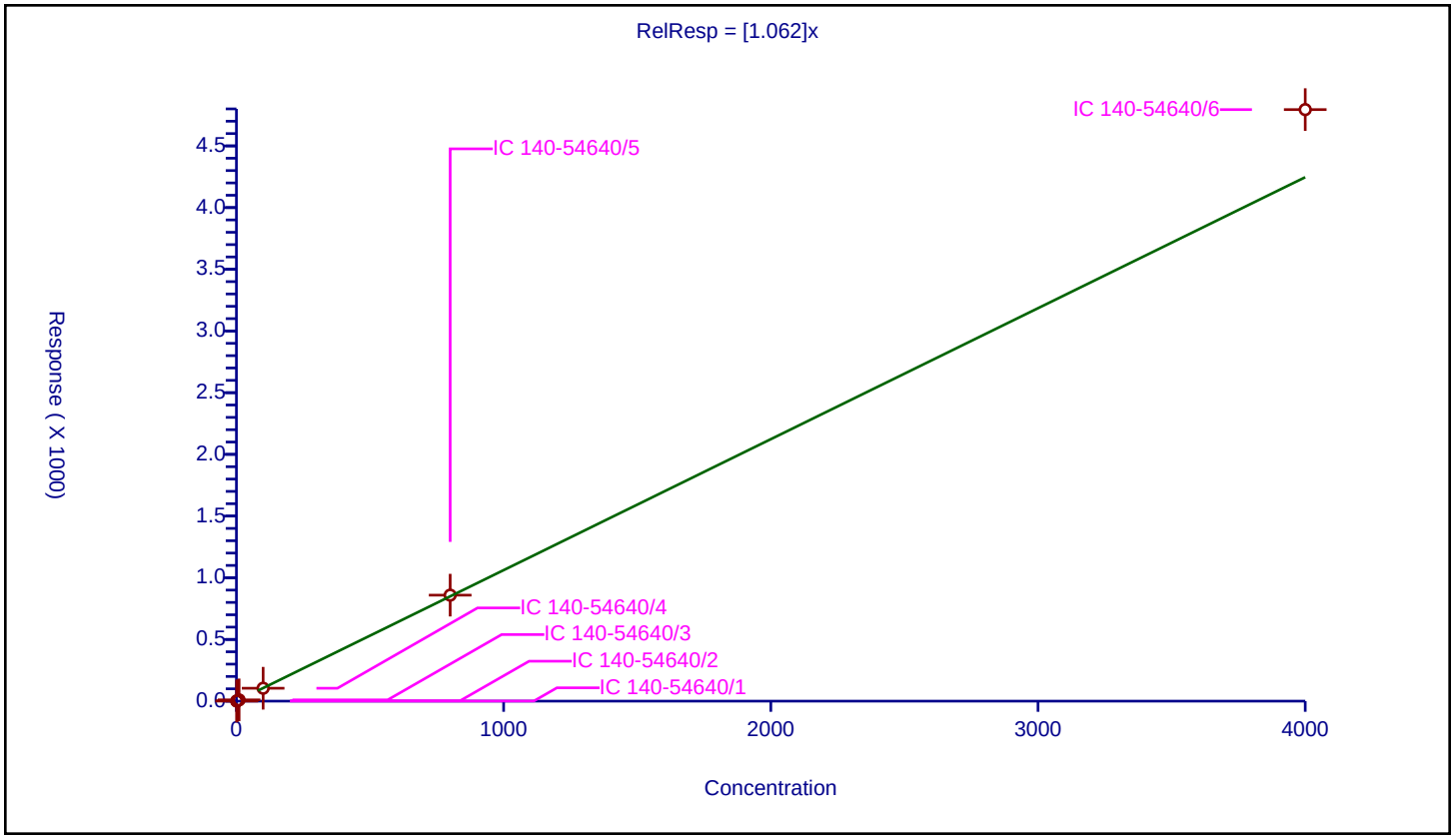
Curve Coefficients

Intercept:	0
Slope:	1.062

Error Coefficients

Standard Error:	393000000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.009322	200.0	36720092.0	1.009322	Y
2	IC 140-54640/2	2.0	2.053969	200.0	37783522.0	1.026985	Y
3	IC 140-54640/3	10.0	10.147549	200.0	37670475.0	1.014755	Y
4	IC 140-54640/4	100.0	104.597552	200.0	35831242.0	1.045976	Y
5	IC 140-54640/5	800.0	858.958194	200.0	35753500.0	1.073698	Y
6	IC 140-54640/6	4000.0	4794.140557	200.0	36072983.0	1.198535	Y



Calibration / PCB-153L

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

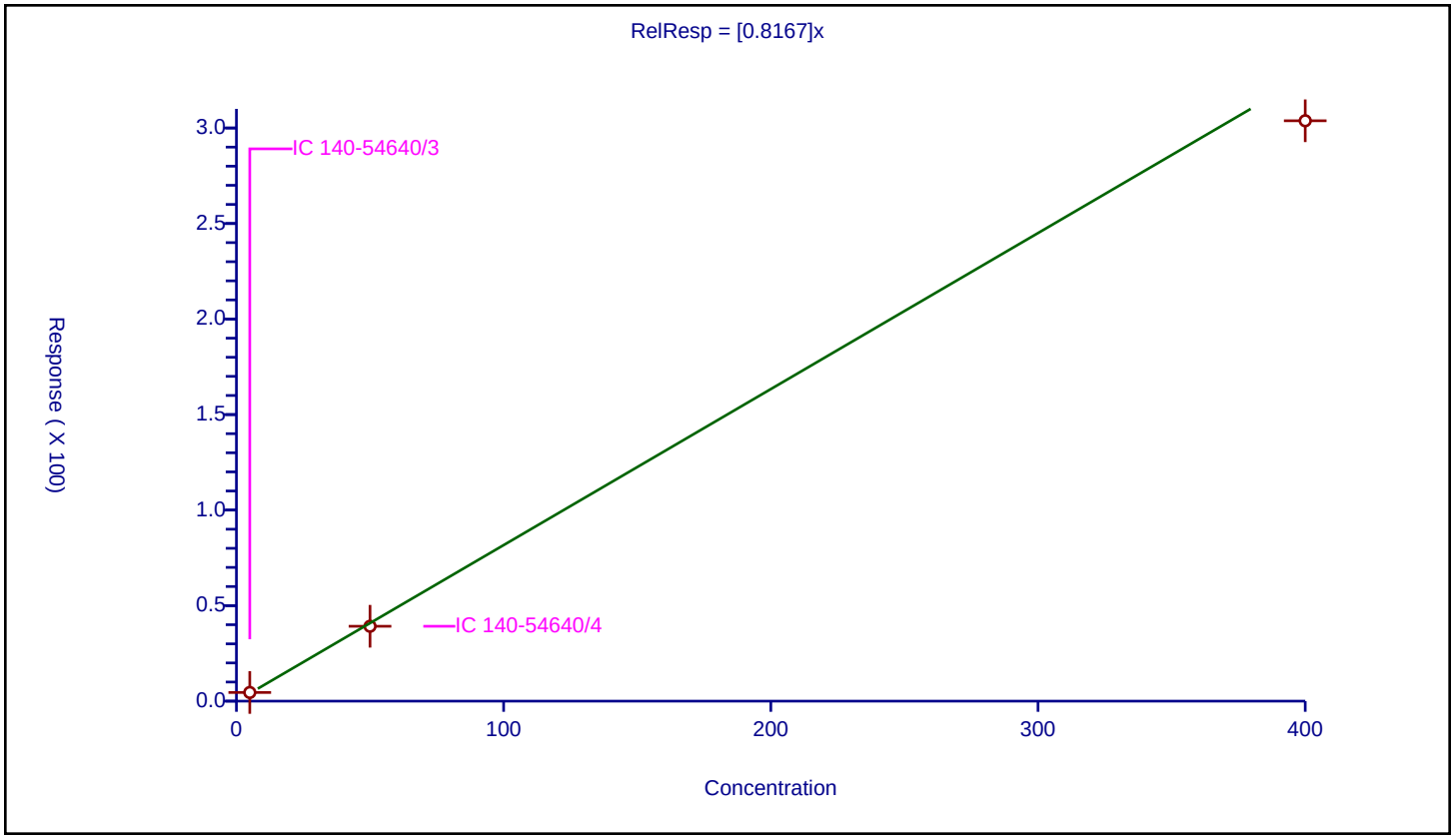
Curve Coefficients

Intercept:	0
Slope:	0.8167

Error Coefficients

Standard Error:	38900000
Relative Standard Error:	9.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/3	5.0	4.532717	100.0	19175870.0	0.906543	Y
2	IC 140-54640/4	50.0	39.201436	100.0	18118770.0	0.784029	Y
3	IC 140-54640/5	400.0	303.78339	100.0	17971397.0	0.759458	Y



Calibration / PCB-154

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

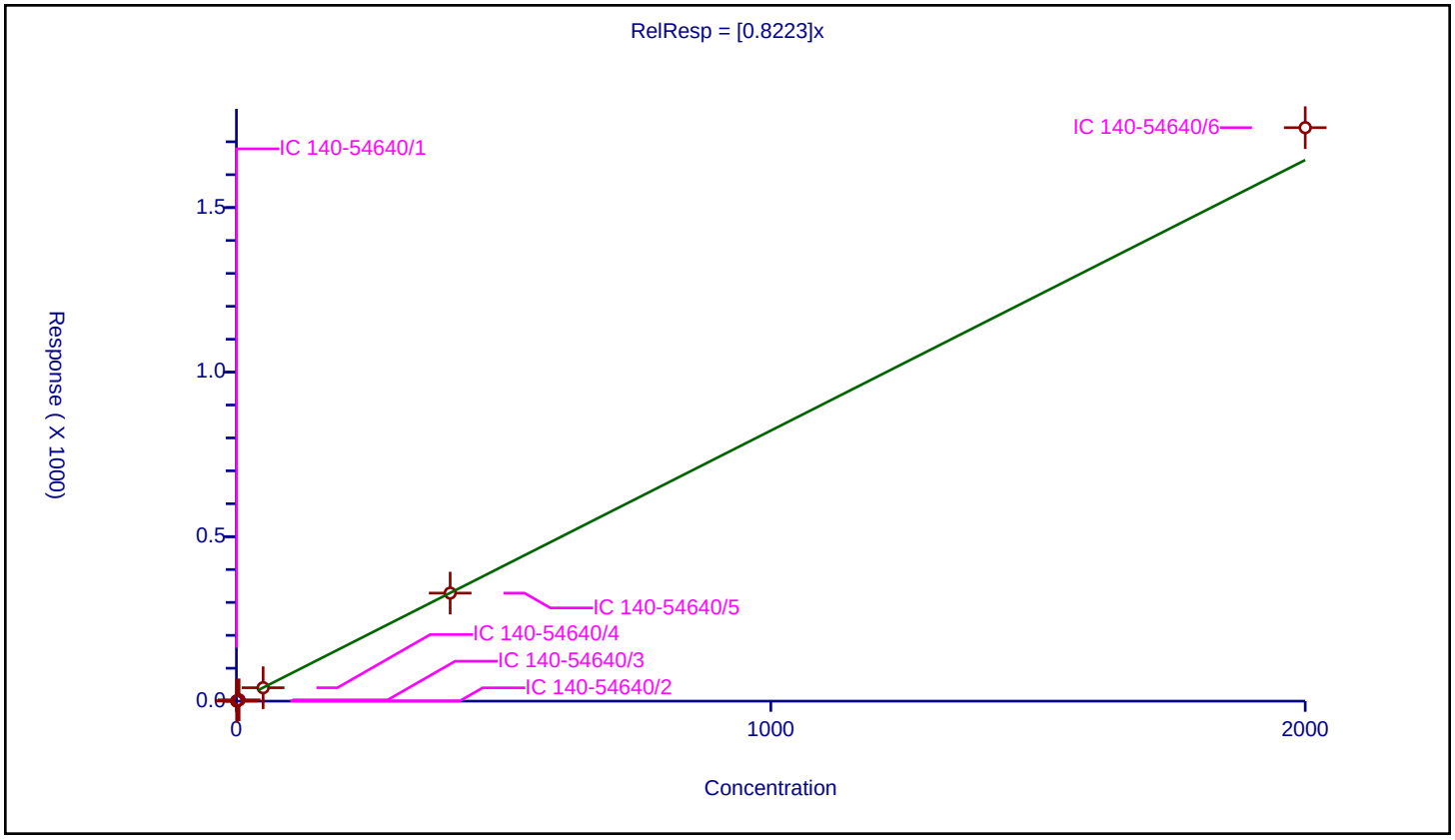
Curve Coefficients

Intercept:	0
Slope:	0.8223

Error Coefficients

Standard Error:	105000000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.429339	100.0	14035544.0	0.858677	Y
2	IC 140-54640/2	1.0	0.783712	100.0	14041006.0	0.783712	Y
3	IC 140-54640/3	5.0	3.919928	100.0	13989978.0	0.783986	Y
4	IC 140-54640/4	50.0	40.751905	100.0	13416823.0	0.815038	Y
5	IC 140-54640/5	400.0	328.329187	100.0	13114665.0	0.820823	Y
6	IC 140-54640/6	2000.0	1742.894622	100.0	13220149.0	0.871447	Y



Calibration / PCB-155

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

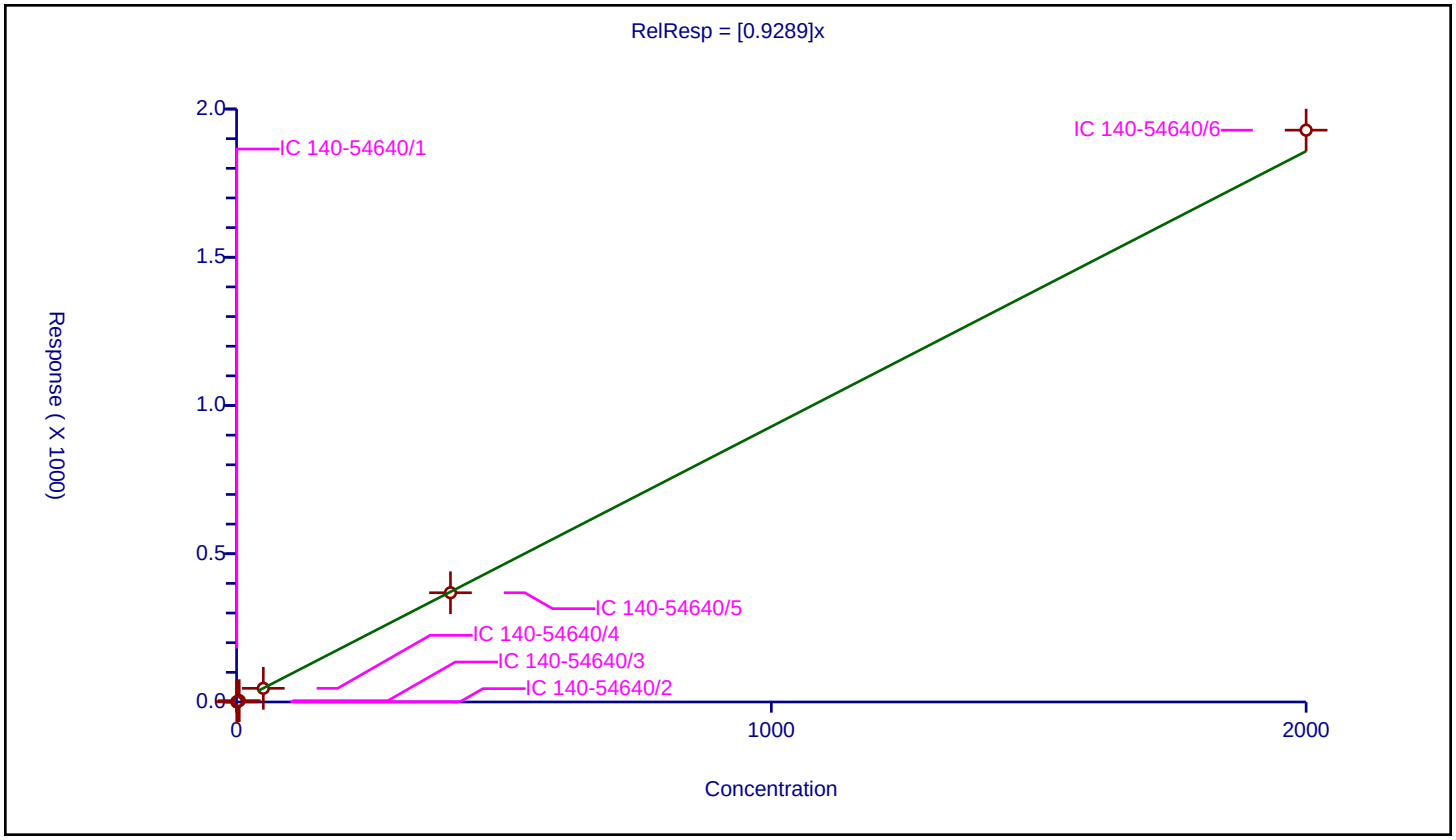
Curve Coefficients

Intercept:	0
Slope:	0.9289

Error Coefficients

Standard Error:	116000000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.471859	100.0	14035544.0	0.943718	Y
2	IC 140-54640/2	1.0	0.904814	100.0	14041006.0	0.904814	Y
3	IC 140-54640/3	5.0	4.585518	100.0	13989978.0	0.917104	Y
4	IC 140-54640/4	50.0	46.105833	100.0	13416823.0	0.922117	Y
5	IC 140-54640/5	400.0	368.438858	100.0	13114665.0	0.921097	Y
6	IC 140-54640/6	2000.0	1928.659412	100.0	13220149.0	0.96433	Y



Calibration / PCB-156

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

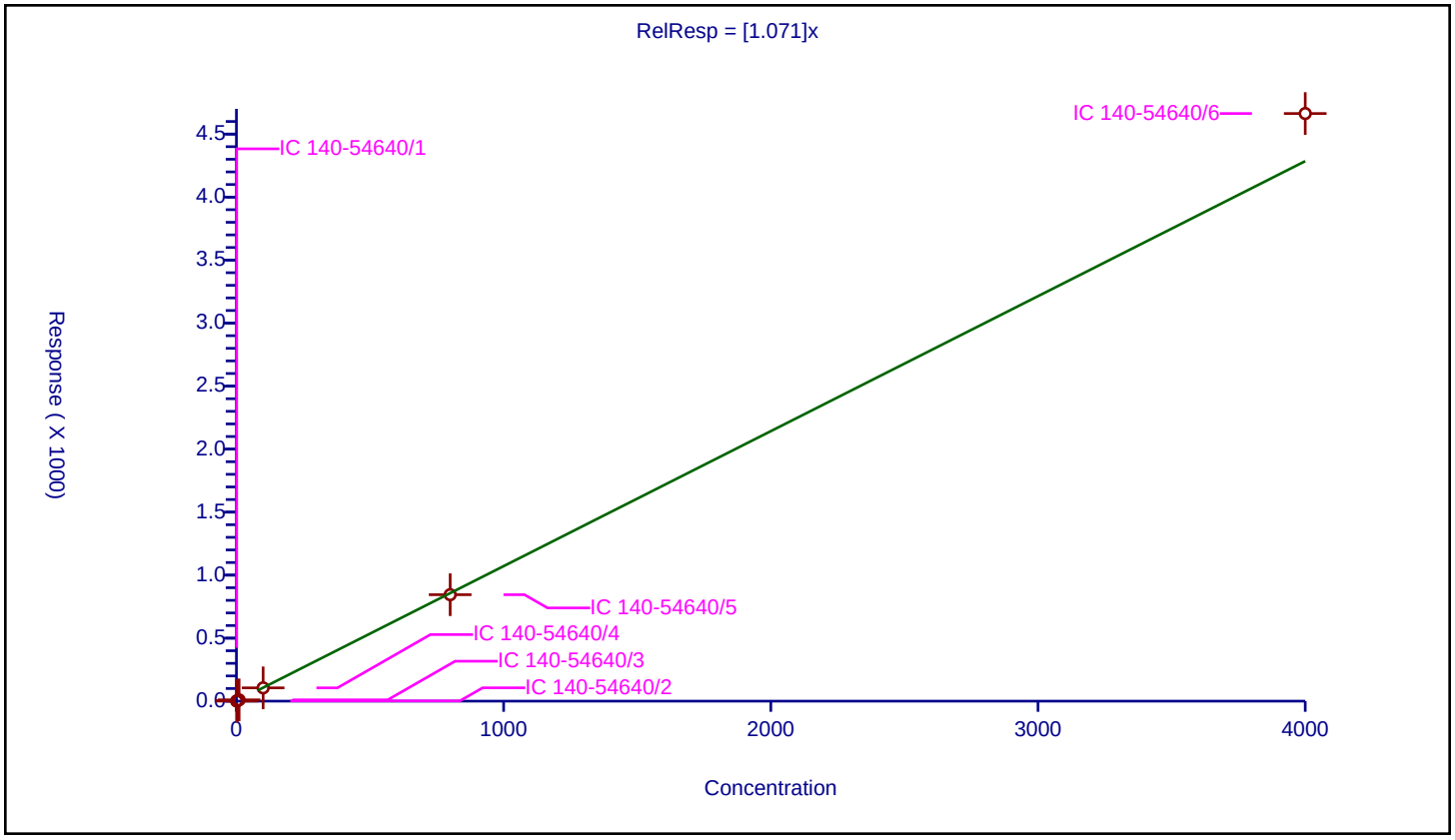
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Standard Error:	382000000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.080972	200.0	36720092.0	1.080972	Y
2	IC 140-54640/2	2.0	2.092537	200.0	37783522.0	1.046268	Y
3	IC 140-54640/3	10.0	10.259664	200.0	37670475.0	1.025966	Y
4	IC 140-54640/4	100.0	105.271065	200.0	35831242.0	1.052711	Y
5	IC 140-54640/5	800.0	844.751619	200.0	35753500.0	1.05594	Y
6	IC 140-54640/6	4000.0	4663.301008	200.0	36072983.0	1.165825	Y



Calibration / PCB-156/157

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

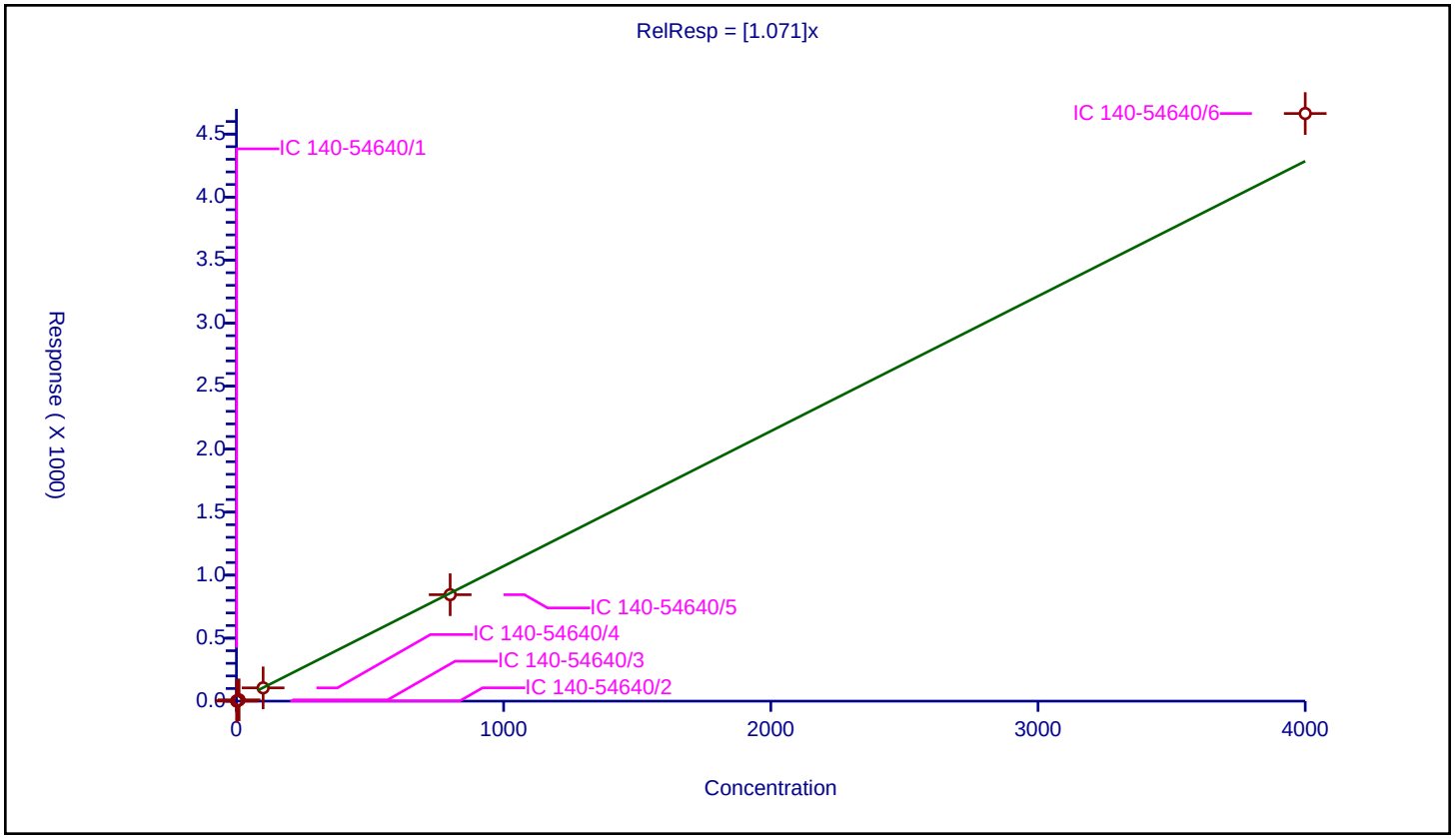
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Standard Error:	382000000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.080972	200.0	36720092.0	1.080972	Y
2	IC 140-54640/2	2.0	2.092537	200.0	37783522.0	1.046268	Y
3	IC 140-54640/3	10.0	10.259664	200.0	37670475.0	1.025966	Y
4	IC 140-54640/4	100.0	105.271065	200.0	35831242.0	1.052711	Y
5	IC 140-54640/5	800.0	844.751619	200.0	35753500.0	1.05594	Y
6	IC 140-54640/6	4000.0	4663.301008	200.0	36072983.0	1.165825	Y



Calibration / PCB-157

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

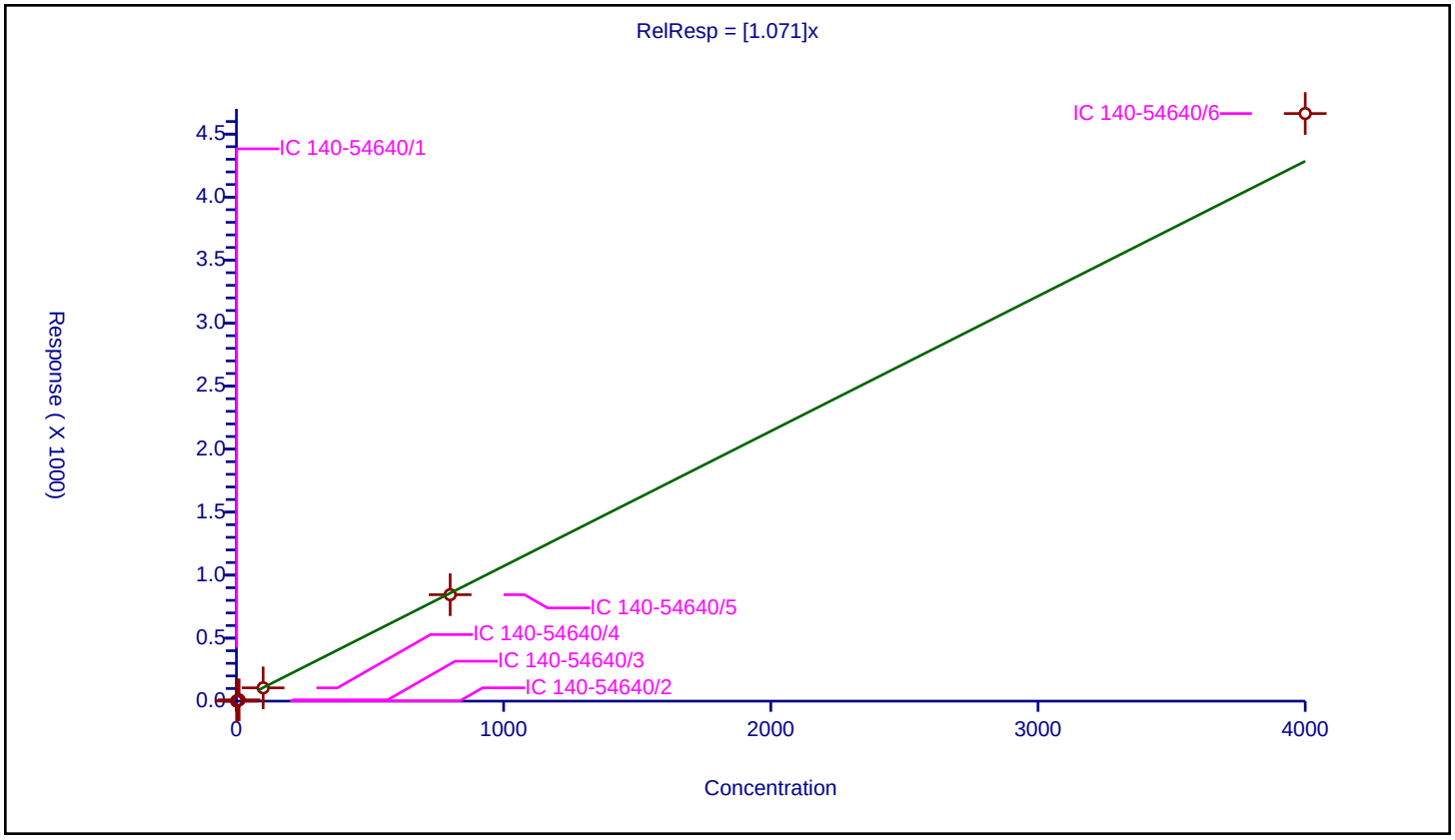
Curve Coefficients

Intercept:	0
Slope:	1.071

Error Coefficients

Standard Error:	382000000
Relative Standard Error:	4.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.080972	200.0	36720092.0	1.080972	Y
2	IC 140-54640/2	2.0	2.092537	200.0	37783522.0	1.046268	Y
3	IC 140-54640/3	10.0	10.259664	200.0	37670475.0	1.025966	Y
4	IC 140-54640/4	100.0	105.271065	200.0	35831242.0	1.052711	Y
5	IC 140-54640/5	800.0	844.751619	200.0	35753500.0	1.05594	Y
6	IC 140-54640/6	4000.0	4663.301008	200.0	36072983.0	1.165825	Y



Calibration / PCB-158

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

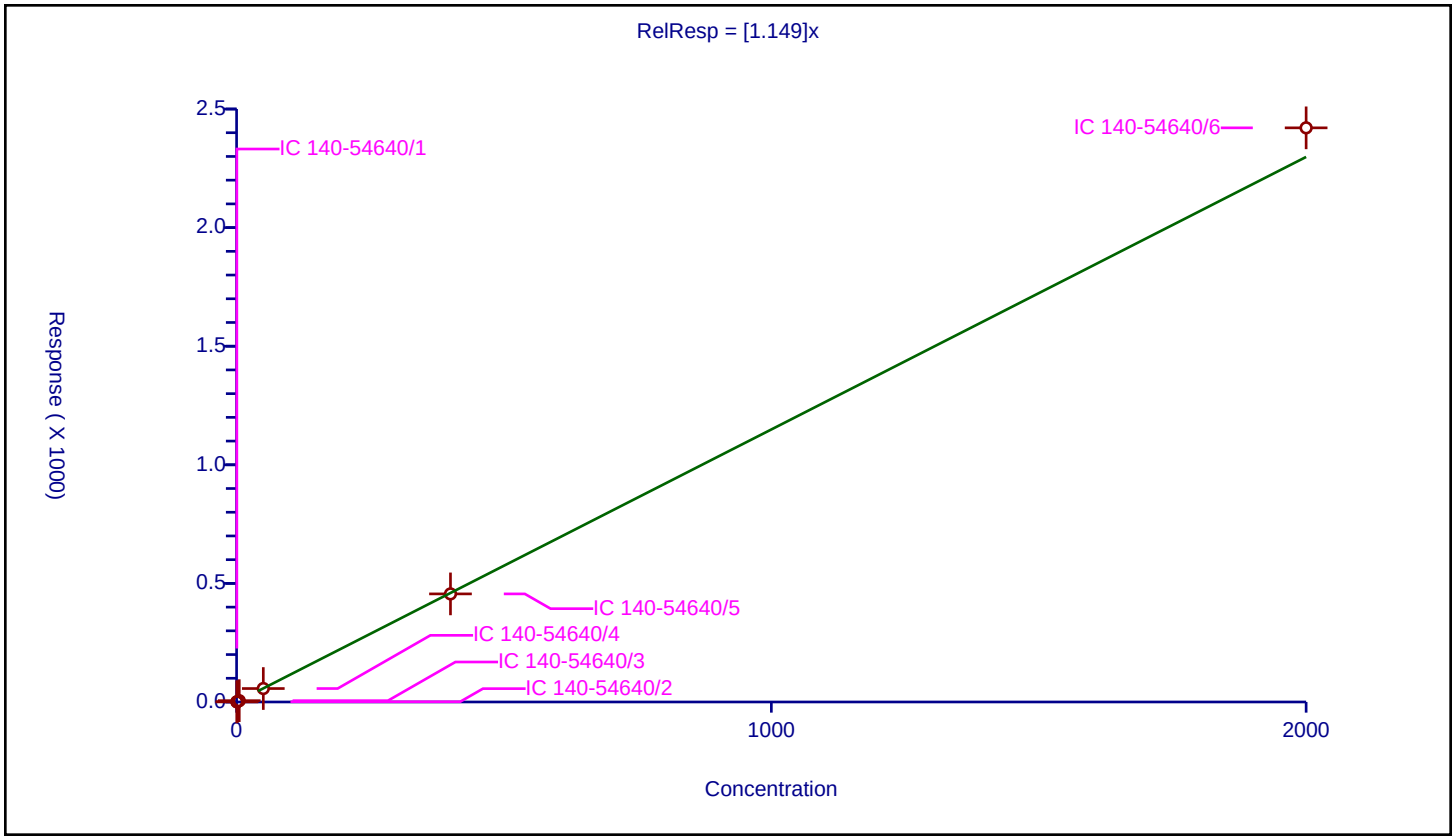
Curve Coefficients

Intercept:	0
Slope:	1.149

Error Coefficients

Standard Error:	199000000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.604356	200.0	36720092.0	1.208712	Y
2	IC 140-54640/2	1.0	1.092201	200.0	37783522.0	1.092201	Y
3	IC 140-54640/3	5.0	5.542128	200.0	37670475.0	1.108426	Y
4	IC 140-54640/4	50.0	56.753768	200.0	35831242.0	1.135075	Y
5	IC 140-54640/5	400.0	455.684663	200.0	35753500.0	1.139212	Y
6	IC 140-54640/6	2000.0	2420.577622	200.0	36072983.0	1.210289	Y



Calibration / PCB-159

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

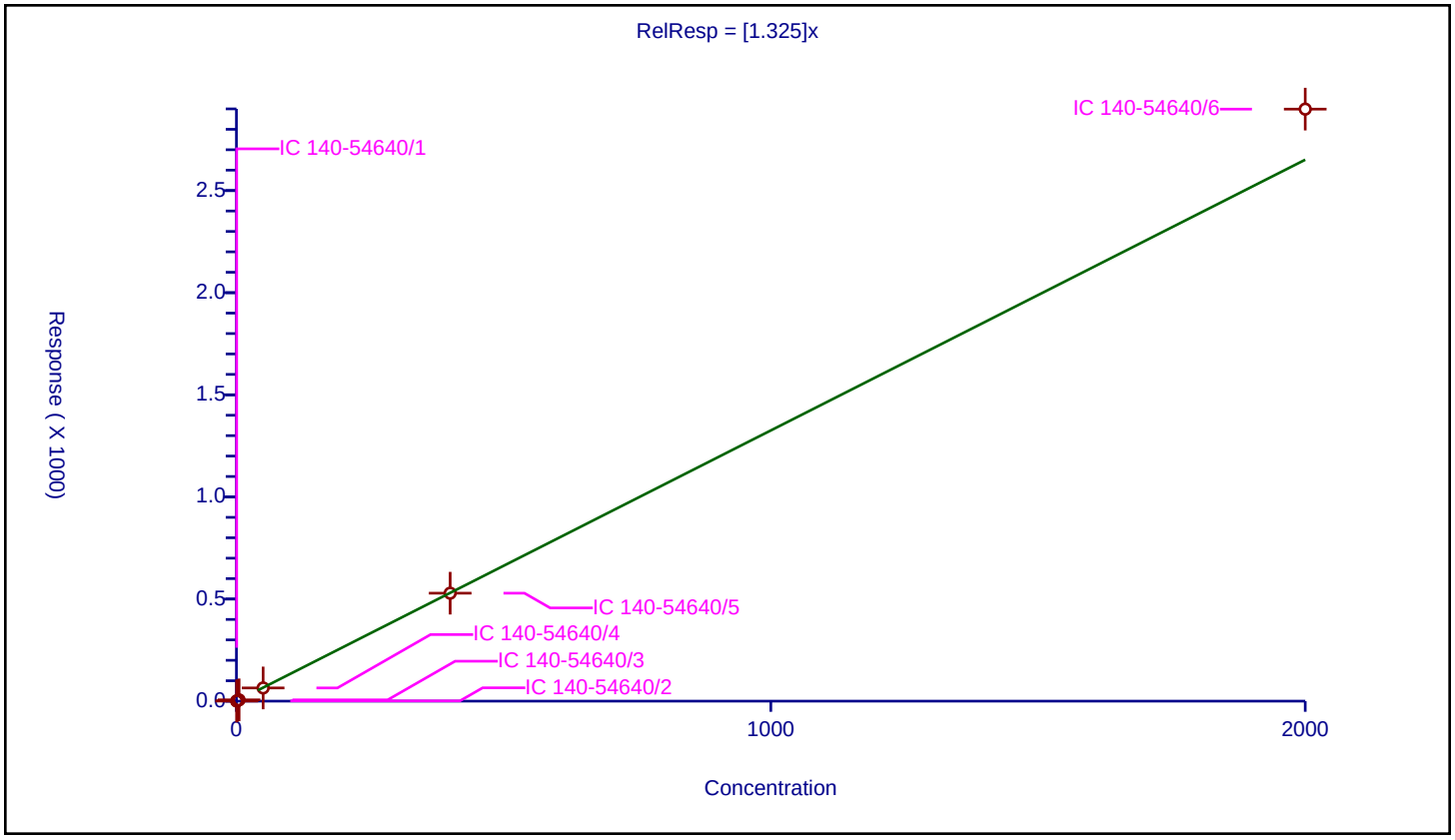
Curve Coefficients

Intercept:	0
Slope:	1.325

Error Coefficients

Standard Error:	238000000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.690837	200.0	36720092.0	1.381674	Y
2	IC 140-54640/2	1.0	1.243886	200.0	37783522.0	1.243886	Y
3	IC 140-54640/3	5.0	6.316804	200.0	37670475.0	1.263361	Y
4	IC 140-54640/4	50.0	64.654348	200.0	35831242.0	1.293087	Y
5	IC 140-54640/5	400.0	528.598134	200.0	35753500.0	1.321495	Y
6	IC 140-54640/6	2000.0	2898.885374	200.0	36072983.0	1.449443	Y



Calibration / PCB-16

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

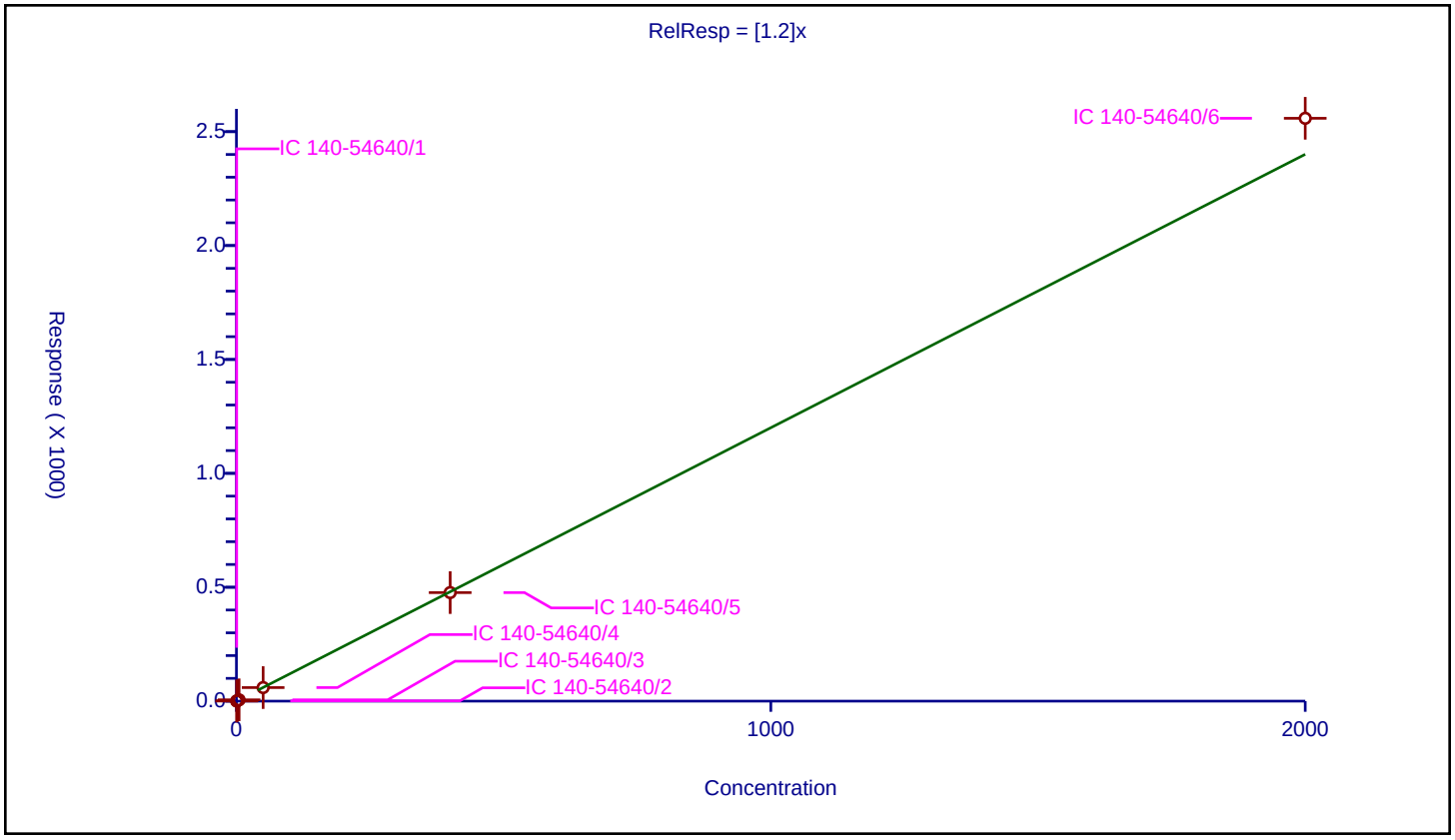
Curve Coefficients

Intercept:	0
Slope:	1.2

Error Coefficients

Standard Error:	98700000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.600515	100.0	8681375.0	1.201031	Y
2	IC 140-54640/2	1.0	1.177157	100.0	8746665.0	1.177157	Y
3	IC 140-54640/3	5.0	5.801617	100.0	8795876.0	1.160323	Y
4	IC 140-54640/4	50.0	59.629641	100.0	8452672.0	1.192593	Y
5	IC 140-54640/5	400.0	476.566935	100.0	8350999.0	1.191417	Y
6	IC 140-54640/6	2000.0	2558.693711	100.0	8478261.0	1.279347	Y



Calibration / PCB-160

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

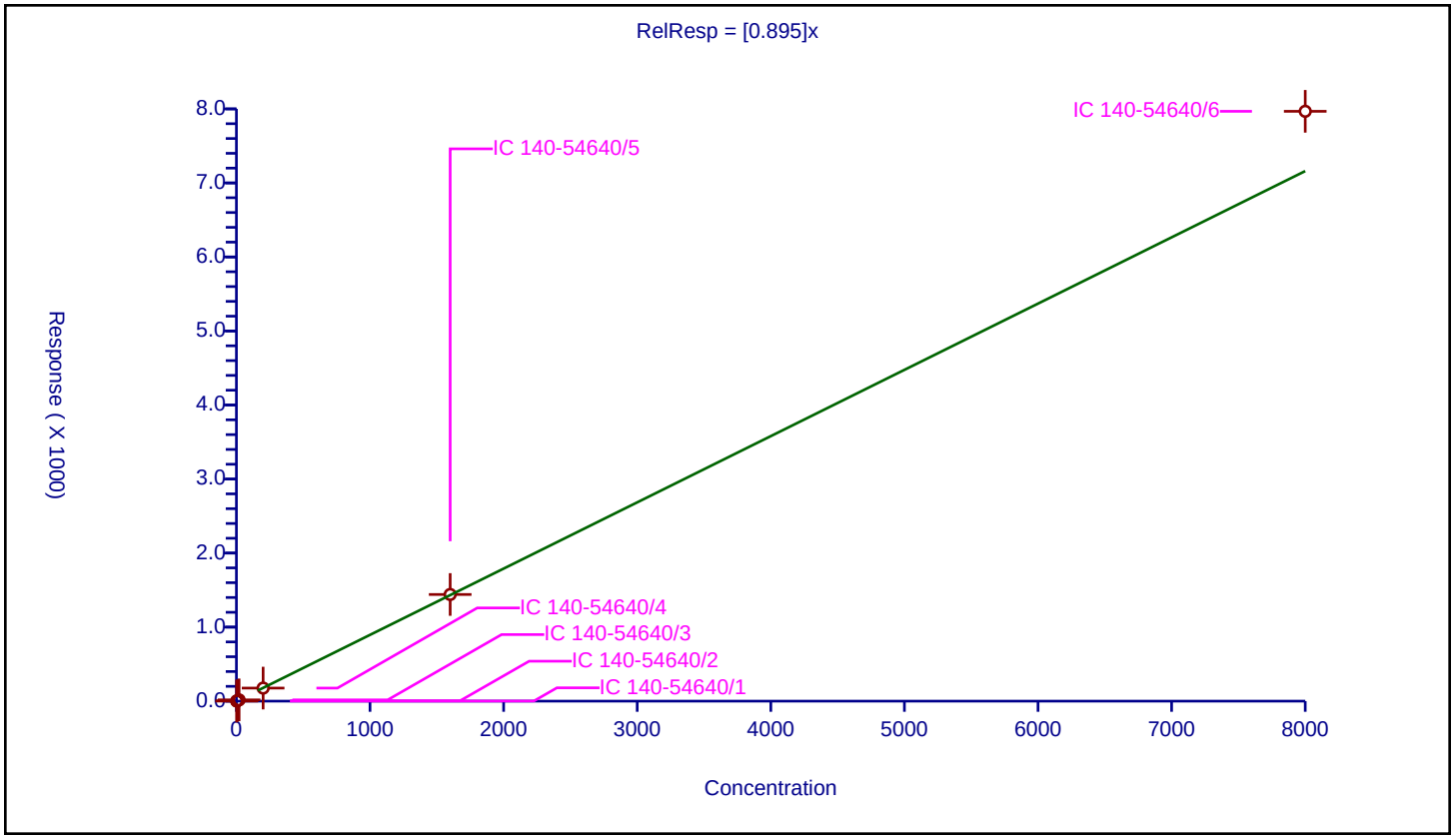
Curve Coefficients

Intercept:	0
Slope:	0.895

Error Coefficients

Standard Error:	653000000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	1.767387	200.0	36720092.0	0.883693	Y
2	IC 140-54640/2	4.0	3.397492	200.0	37783522.0	0.849373	Y
3	IC 140-54640/3	20.0	17.164153	200.0	37670475.0	0.858208	Y
4	IC 140-54640/4	200.0	176.4289	200.0	35831242.0	0.882144	Y
5	IC 140-54640/5	1600.0	1440.8544	200.0	35753500.0	0.900534	Y
6	IC 140-54640/6	8000.0	7967.306214	200.0	36072983.0	0.995913	Y



Calibration / PCB-161

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

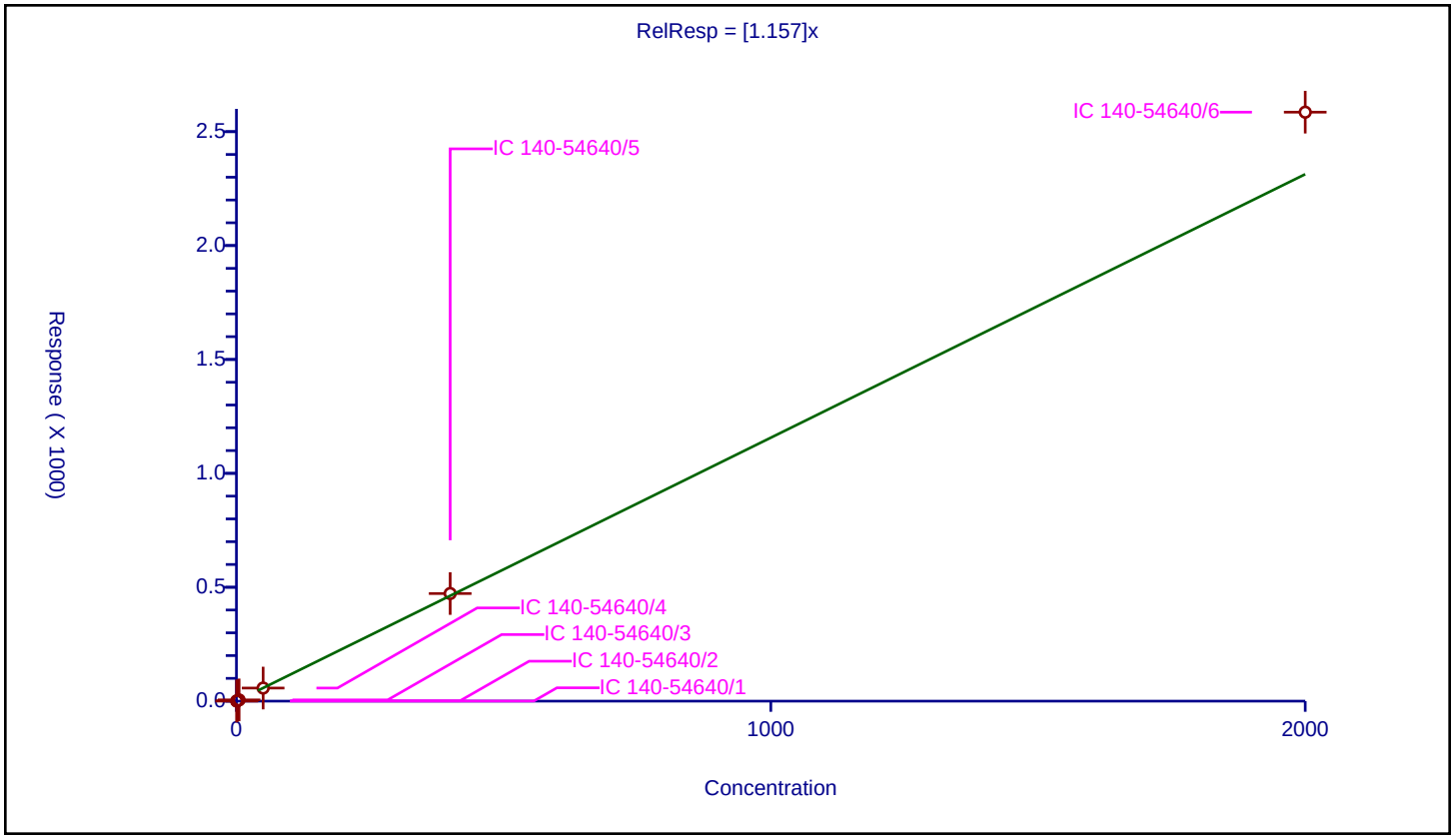
Curve Coefficients

Intercept:	0
Slope:	1.157

Error Coefficients

Standard Error:	212000000
Relative Standard Error:	6.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.578054	200.0	36720092.0	1.156108	Y
2	IC 140-54640/2	1.0	1.063564	200.0	37783522.0	1.063564	Y
3	IC 140-54640/3	5.0	5.485521	200.0	37670475.0	1.097104	Y
4	IC 140-54640/4	50.0	57.444863	200.0	35831242.0	1.148897	Y
5	IC 140-54640/5	400.0	472.406114	200.0	35753500.0	1.181015	Y
6	IC 140-54640/6	2000.0	2585.559098	200.0	36072983.0	1.29278	Y



Calibration / PCB-162

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

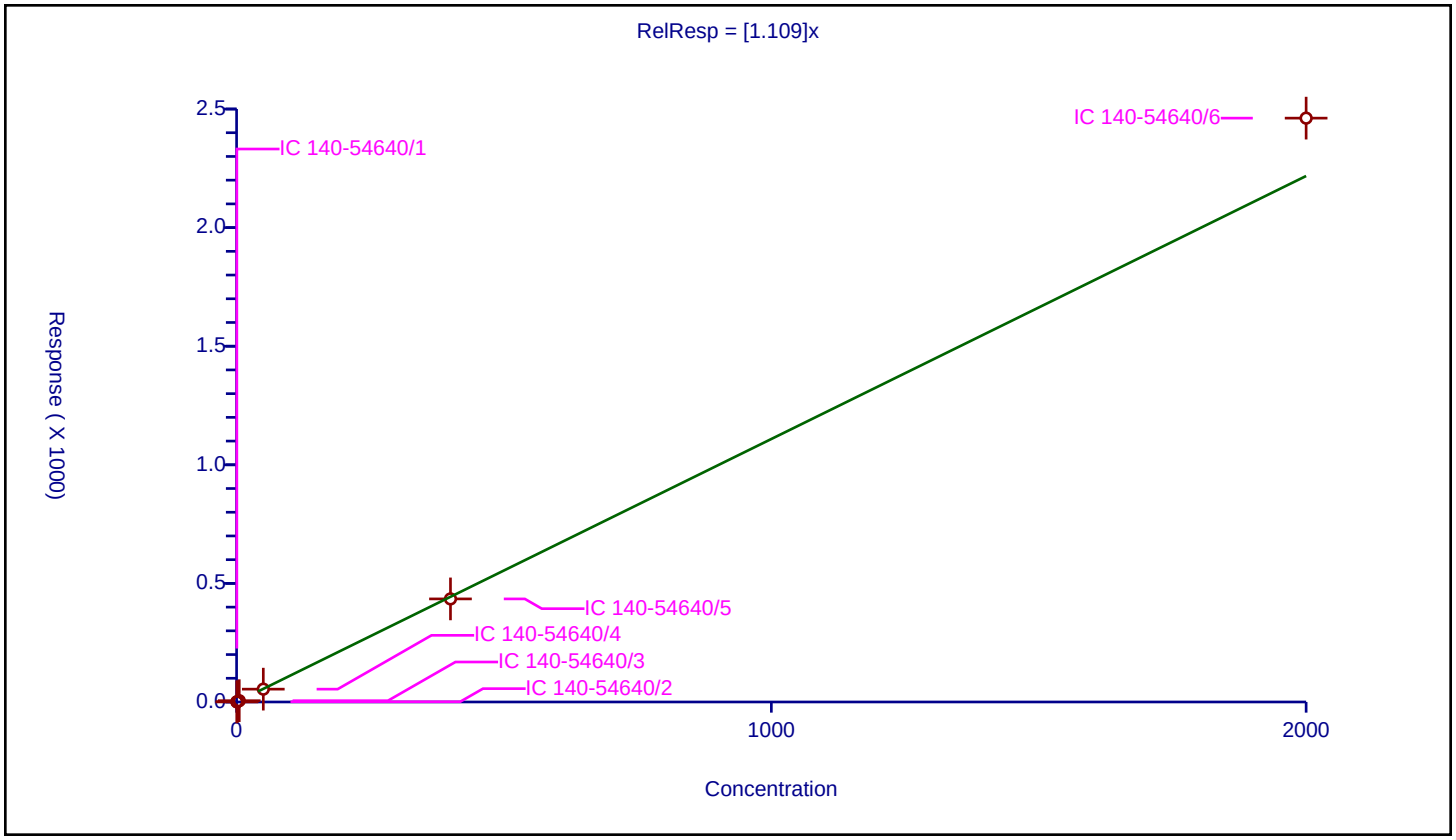
Curve Coefficients

Intercept:	0
Slope:	1.109

Error Coefficients

Standard Error:	202000000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.555167	200.0	36720092.0	1.110335	Y
2	IC 140-54640/2	1.0	1.049754	200.0	37783522.0	1.049754	Y
3	IC 140-54640/3	5.0	5.467629	200.0	37670475.0	1.093526	Y
4	IC 140-54640/4	50.0	54.103779	200.0	35831242.0	1.082076	Y
5	IC 140-54640/5	400.0	434.551963	200.0	35753500.0	1.08638	Y
6	IC 140-54640/6	2000.0	2461.494937	200.0	36072983.0	1.230747	Y



Calibration / PCB-163

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

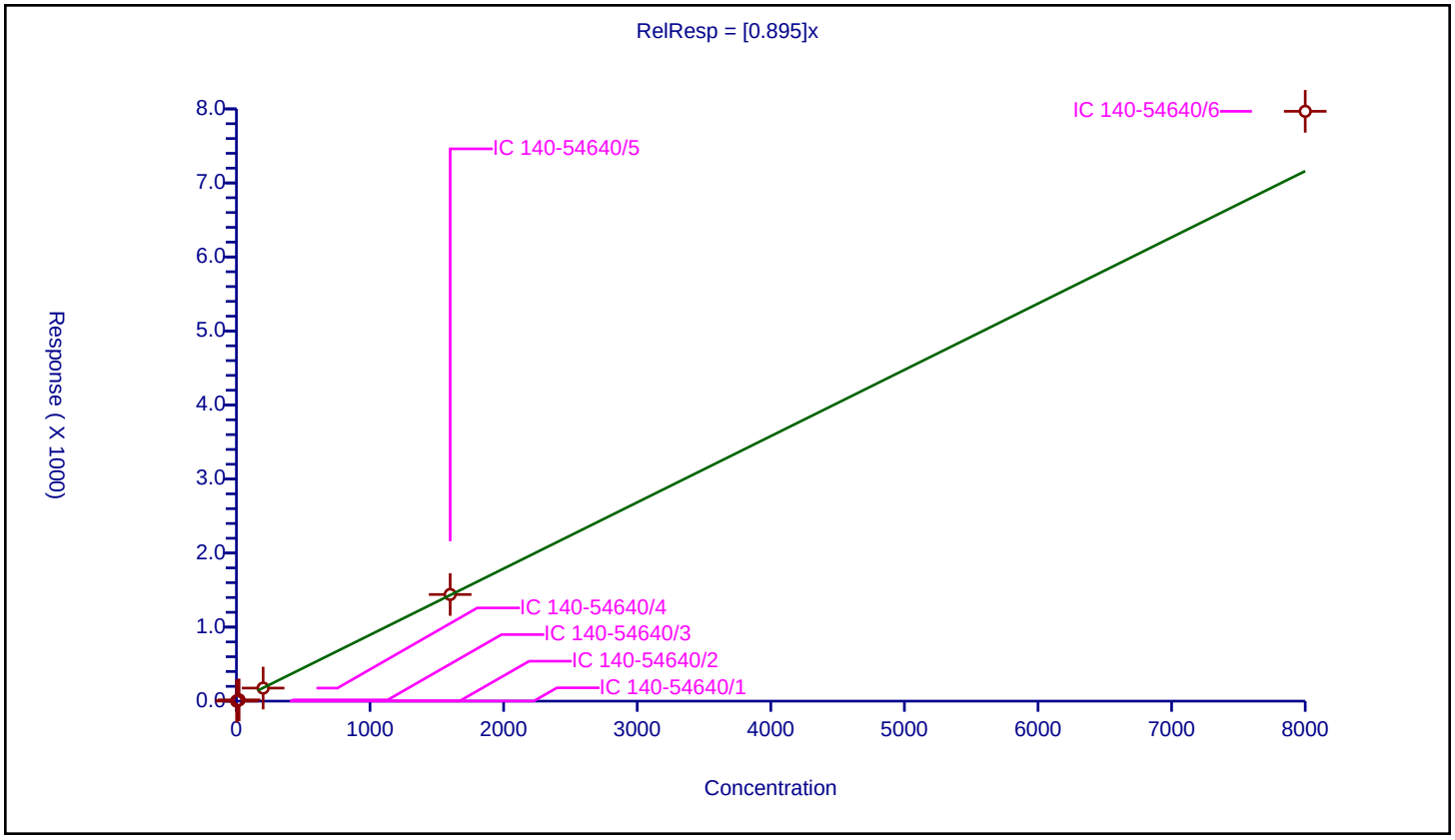
Curve Coefficients

Intercept:	0
Slope:	0.895

Error Coefficients

Standard Error:	653000000
Relative Standard Error:	5.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	1.767387	200.0	36720092.0	0.883693	Y
2	IC 140-54640/2	4.0	3.397492	200.0	37783522.0	0.849373	Y
3	IC 140-54640/3	20.0	17.164153	200.0	37670475.0	0.858208	Y
4	IC 140-54640/4	200.0	176.4289	200.0	35831242.0	0.882144	Y
5	IC 140-54640/5	1600.0	1440.8544	200.0	35753500.0	0.900534	Y
6	IC 140-54640/6	8000.0	7967.306214	200.0	36072983.0	0.995913	Y



Calibration / PCB-164

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

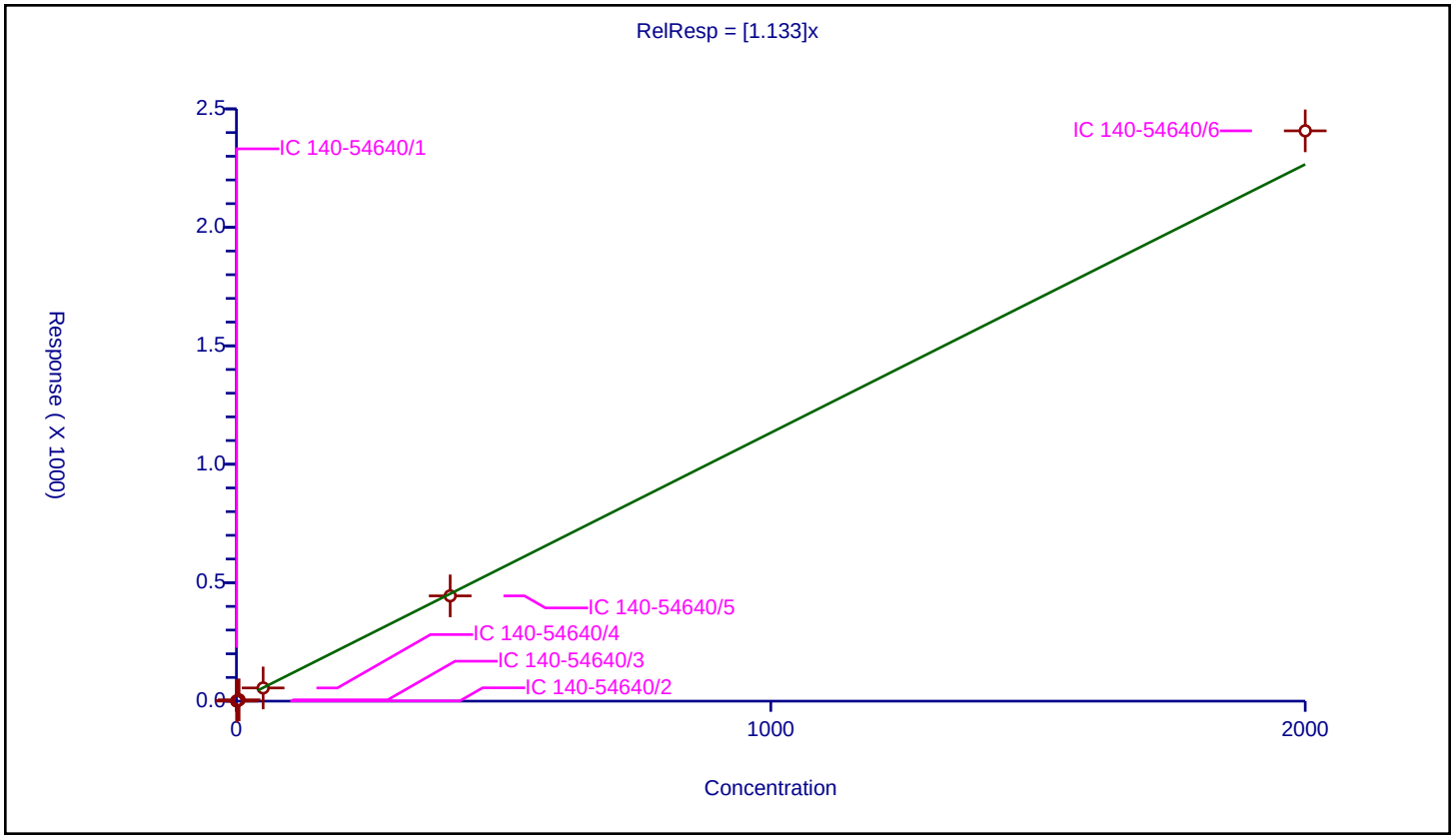
Curve Coefficients

Intercept:	0
Slope:	1.133

Error Coefficients

Standard Error:	197000000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.571529	200.0	36720092.0	1.143058	Y
2	IC 140-54640/2	1.0	1.110161	200.0	37783522.0	1.110161	Y
3	IC 140-54640/3	5.0	5.574997	200.0	37670475.0	1.114999	Y
4	IC 140-54640/4	50.0	55.751648	200.0	35831242.0	1.115033	Y
5	IC 140-54640/5	400.0	444.389416	200.0	35753500.0	1.110974	Y
6	IC 140-54640/6	2000.0	2407.372964	200.0	36072983.0	1.203686	Y



Calibration / PCB-165

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

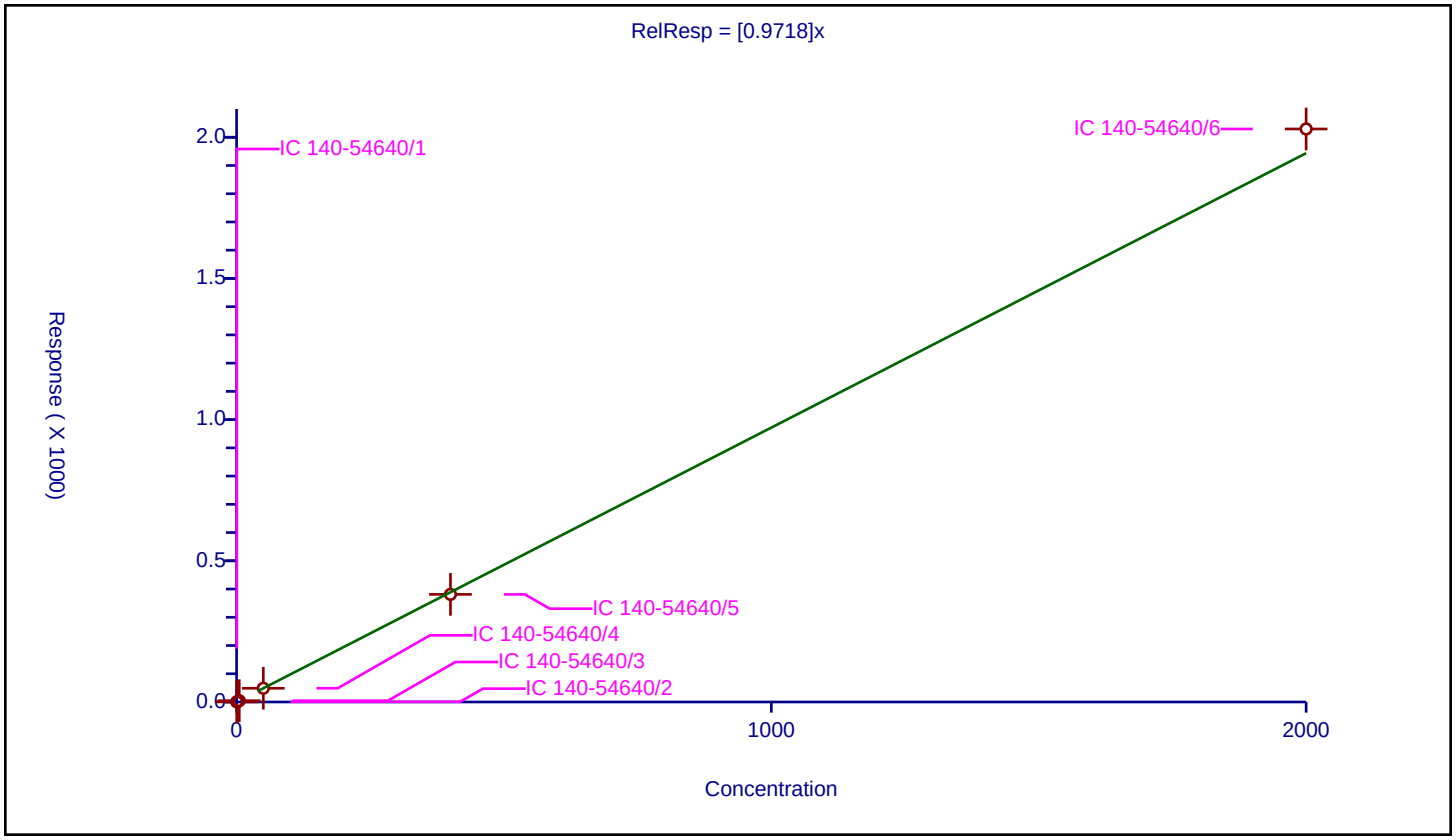
Curve Coefficients

Intercept:	0
Slope:	0.9718

Error Coefficients

Standard Error:	167000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.518272	200.0	36720092.0	1.036544	Y
2	IC 140-54640/2	1.0	0.936916	200.0	37783522.0	0.936916	Y
3	IC 140-54640/3	5.0	4.59227	200.0	37670475.0	0.918454	Y
4	IC 140-54640/4	50.0	48.566488	200.0	35831242.0	0.97133	Y
5	IC 140-54640/5	400.0	381.079967	200.0	35753500.0	0.9527	Y
6	IC 140-54640/6	2000.0	2029.250728	200.0	36072983.0	1.014625	Y



Calibration / PCB-166

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

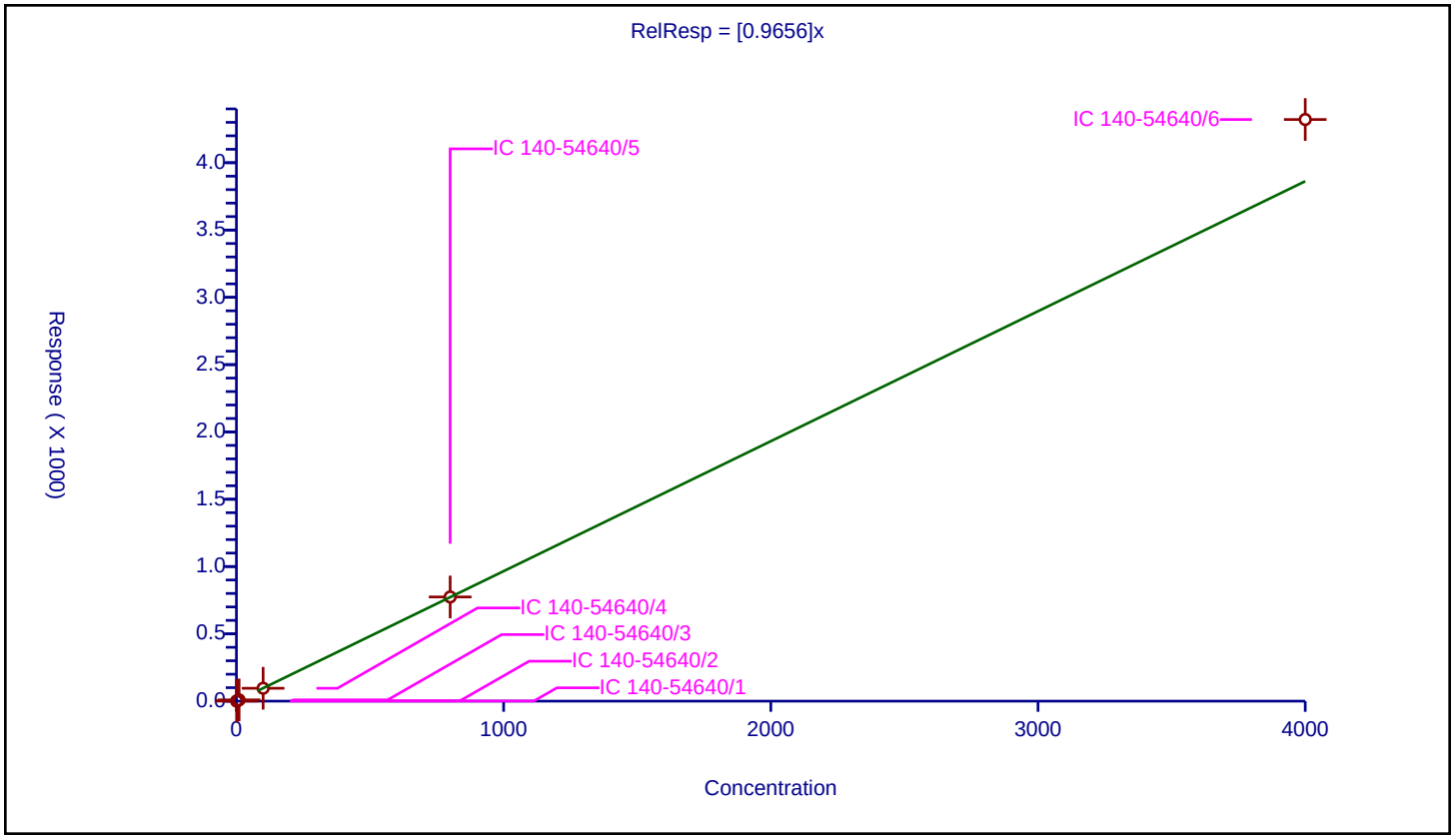
Curve Coefficients

Intercept:	0
Slope:	0.9656

Error Coefficients

Standard Error:	354000000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.937487	200.0	36720092.0	0.937487	Y
2	IC 140-54640/2	2.0	1.827273	200.0	37783522.0	0.913636	Y
3	IC 140-54640/3	10.0	9.371509	200.0	37670475.0	0.937151	Y
4	IC 140-54640/4	100.0	95.744289	200.0	35831242.0	0.957443	Y
5	IC 140-54640/5	800.0	774.020334	200.0	35753500.0	0.967525	Y
6	IC 140-54640/6	4000.0	4321.019634	200.0	36072983.0	1.080255	Y



Calibration / PCB-167

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

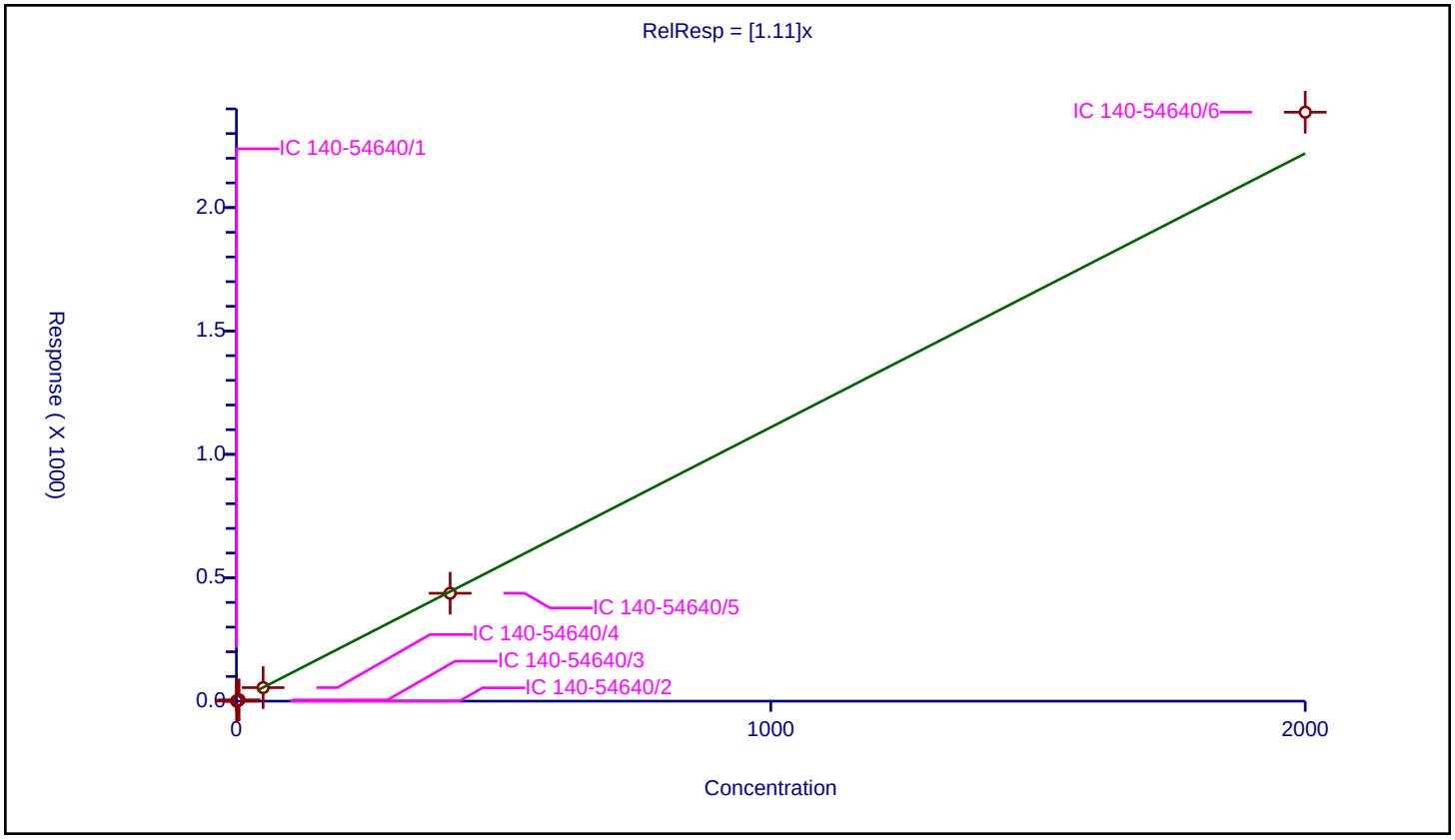
Curve Coefficients

Intercept:	0
Slope:	1.11

Error Coefficients

Standard Error:	198000000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.560863	100.0	18459767.0	1.121726	Y
2	IC 140-54640/2	1.0	1.09939	100.0	19201921.0	1.09939	Y
3	IC 140-54640/3	5.0	5.276762	100.0	19175870.0	1.055352	Y
4	IC 140-54640/4	50.0	54.806474	100.0	18118770.0	1.096129	Y
5	IC 140-54640/5	400.0	437.191305	100.0	17971397.0	1.092978	Y
6	IC 140-54640/6	2000.0	2386.510547	100.0	18284774.0	1.193255	Y



Calibration / PCB-168

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

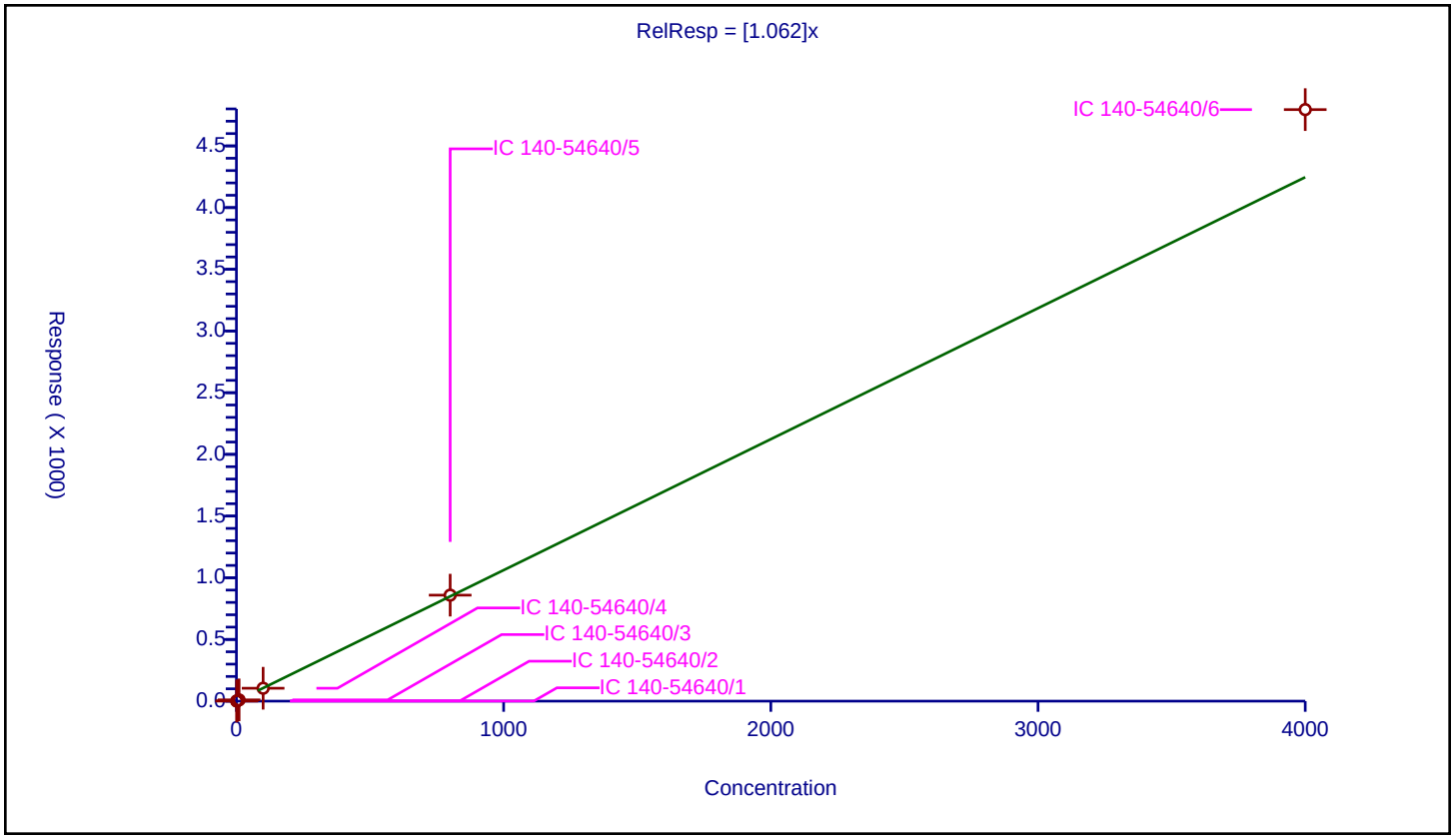
Curve Coefficients

Intercept:	0
Slope:	1.062

Error Coefficients

Standard Error:	393000000
Relative Standard Error:	6.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.009322	200.0	36720092.0	1.009322	Y
2	IC 140-54640/2	2.0	2.053969	200.0	37783522.0	1.026985	Y
3	IC 140-54640/3	10.0	10.147549	200.0	37670475.0	1.014755	Y
4	IC 140-54640/4	100.0	104.597552	200.0	35831242.0	1.045976	Y
5	IC 140-54640/5	800.0	858.958194	200.0	35753500.0	1.073698	Y
6	IC 140-54640/6	4000.0	4794.140557	200.0	36072983.0	1.198535	Y



Calibration / PCB-169

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

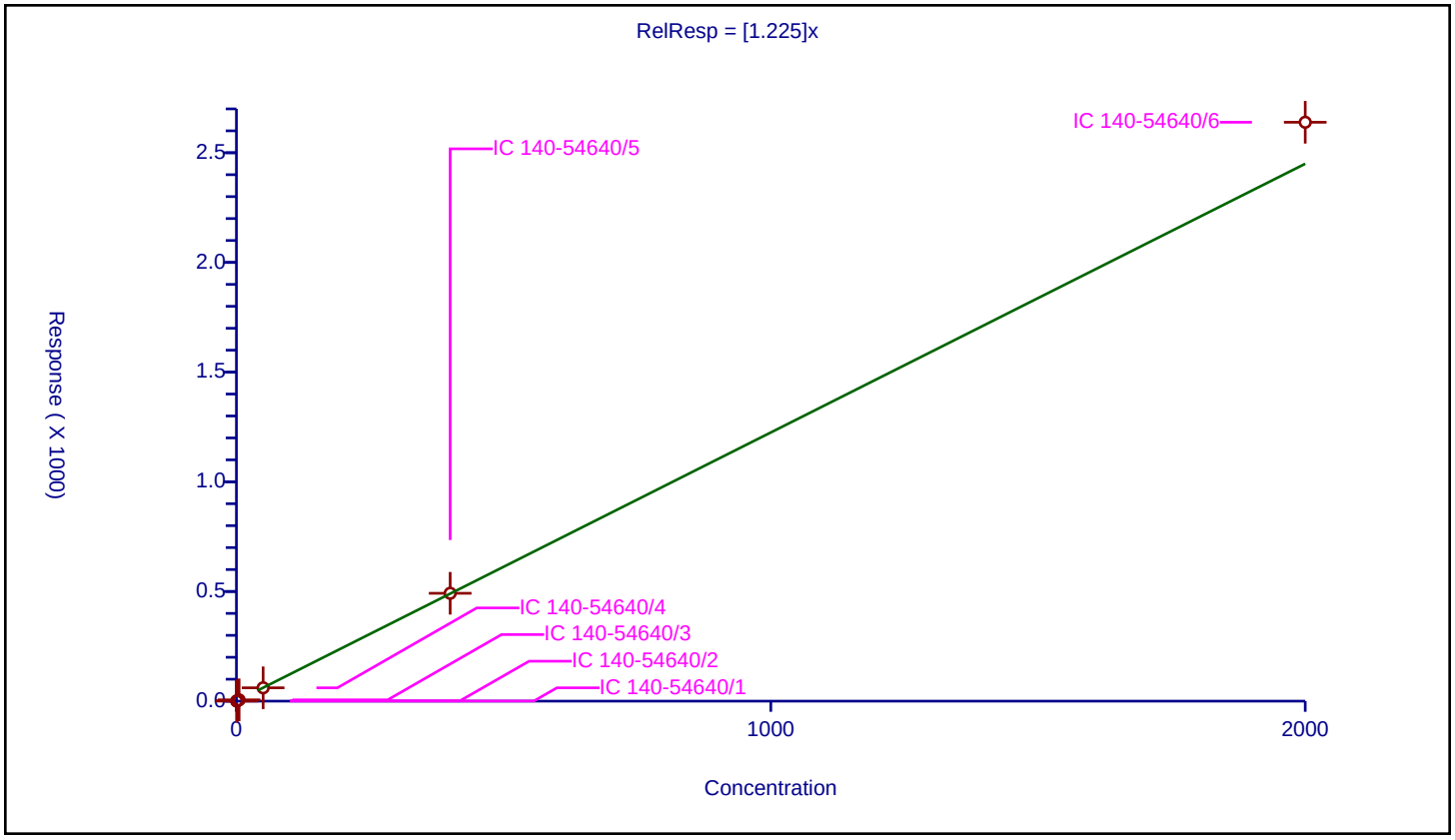
Curve Coefficients

Intercept:	0
Slope:	1.225

Error Coefficients

Standard Error:	227000000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.596127	100.0	18964585.0	1.192254	Y
2	IC 140-54640/2	1.0	1.208371	100.0	19625603.0	1.208371	Y
3	IC 140-54640/3	5.0	5.924608	100.0	19747264.0	1.184922	Y
4	IC 140-54640/4	50.0	60.747729	100.0	18752780.0	1.214955	Y
5	IC 140-54640/5	400.0	491.714032	100.0	18774440.0	1.229285	Y
6	IC 140-54640/6	2000.0	2639.047784	100.0	18920198.0	1.319524	Y



Calibration / PCB-17

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

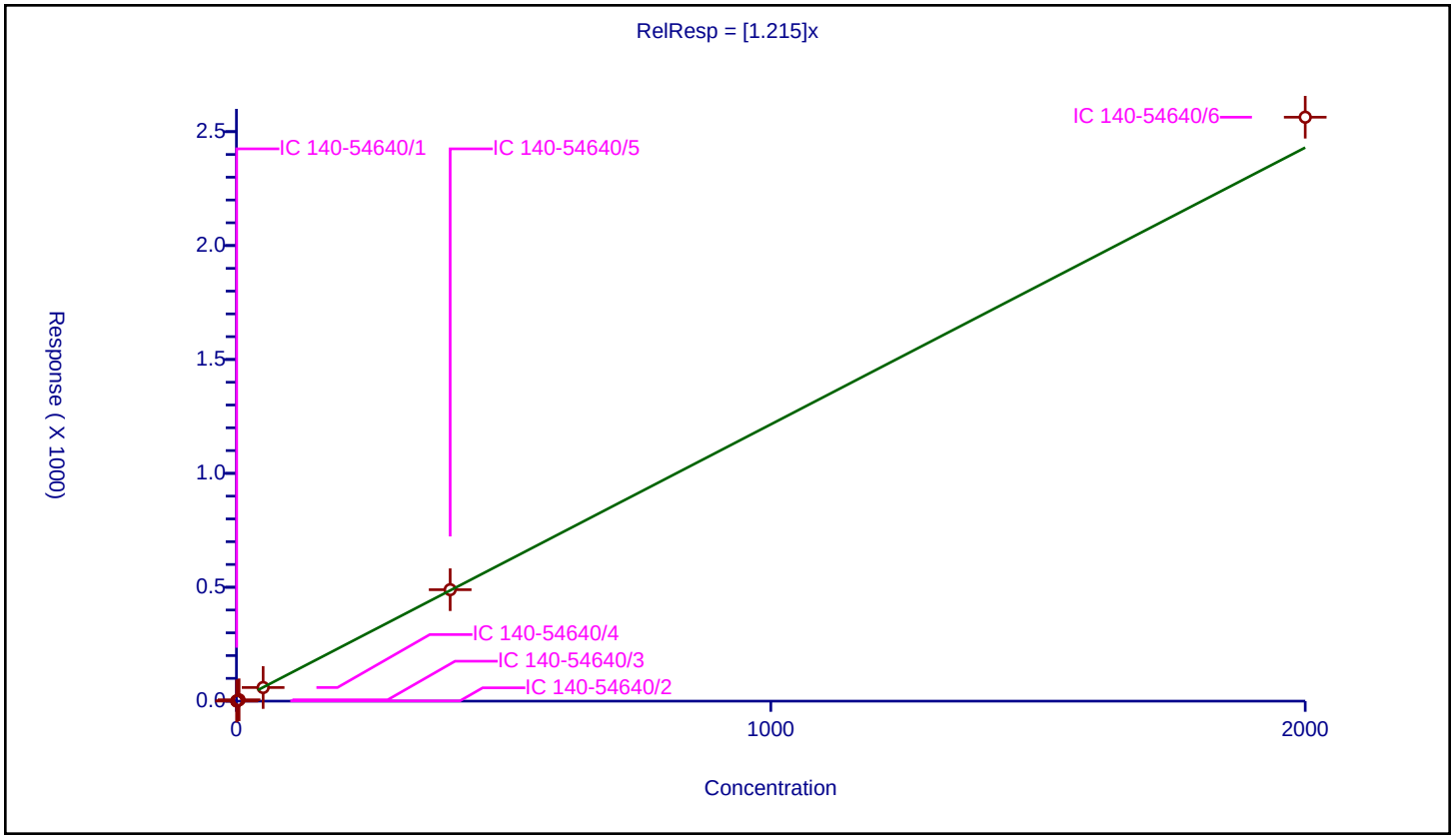
Curve Coefficients

Intercept:	0
Slope:	1.215

Error Coefficients

Standard Error:	98900000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.647731	100.0	8681375.0	1.295463	Y
2	IC 140-54640/2	1.0	1.120176	100.0	8746665.0	1.120176	Y
3	IC 140-54640/3	5.0	5.863555	100.0	8795876.0	1.172711	Y
4	IC 140-54640/4	50.0	59.850341	100.0	8452672.0	1.197007	Y
5	IC 140-54640/5	400.0	489.296251	100.0	8350999.0	1.223241	Y
6	IC 140-54640/6	2000.0	2563.534102	100.0	8478261.0	1.281767	Y



Calibration / PCB-170

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

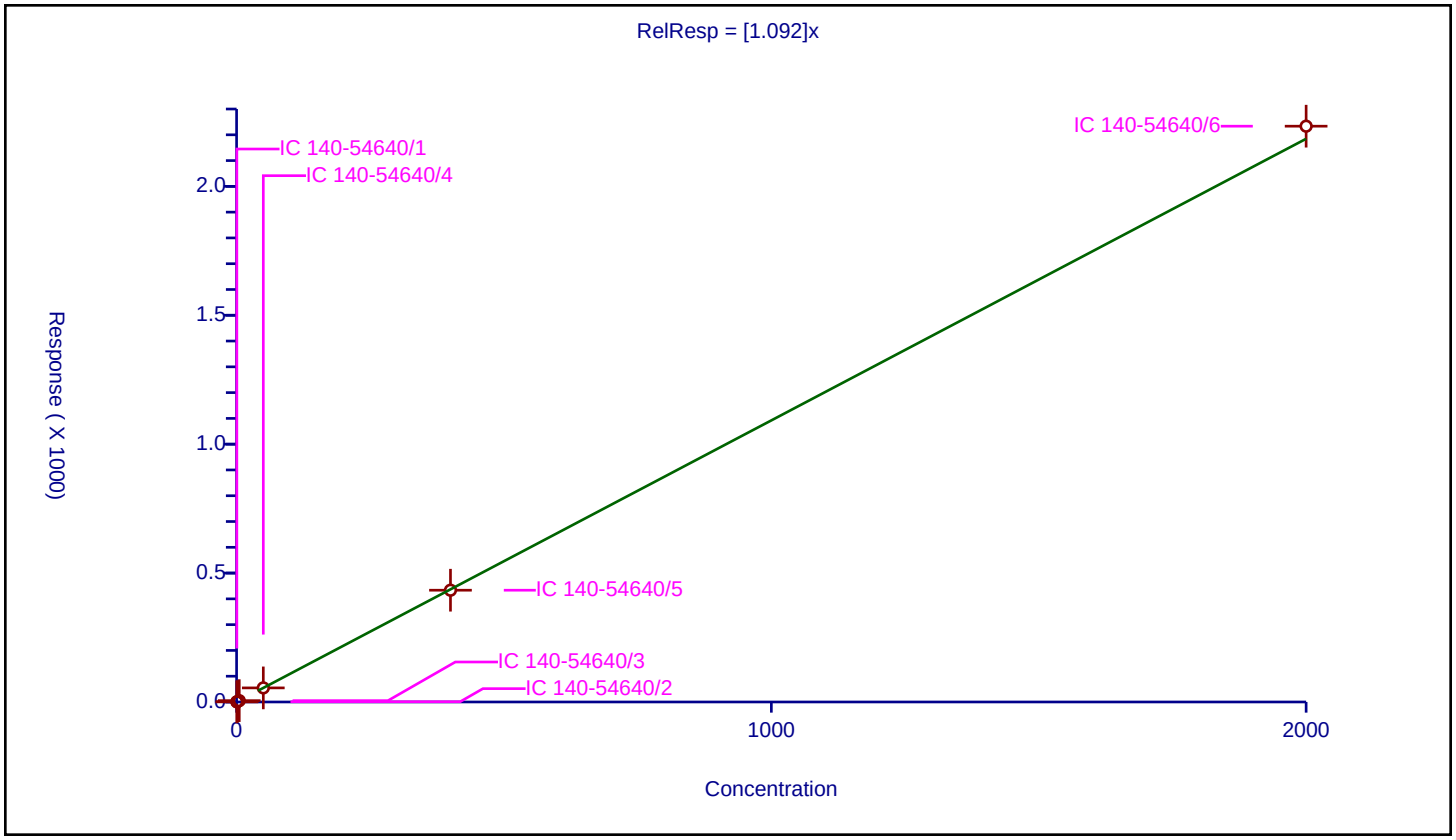
Curve Coefficients

Intercept:	0
Slope:	1.092

Error Coefficients

Standard Error:	97100000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.572412	100.0	10212397.0	1.144824	Y
2	IC 140-54640/2	1.0	1.064025	100.0	10464980.0	1.064025	Y
3	IC 140-54640/3	5.0	5.250414	100.0	10327872.0	1.050083	Y
4	IC 140-54640/4	50.0	54.703864	100.0	9805885.0	1.094077	Y
5	IC 140-54640/5	400.0	433.519036	100.0	9611804.0	1.083798	Y
6	IC 140-54640/6	2000.0	2233.414015	100.0	9539189.0	1.116707	Y



Calibration / PCB-171

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

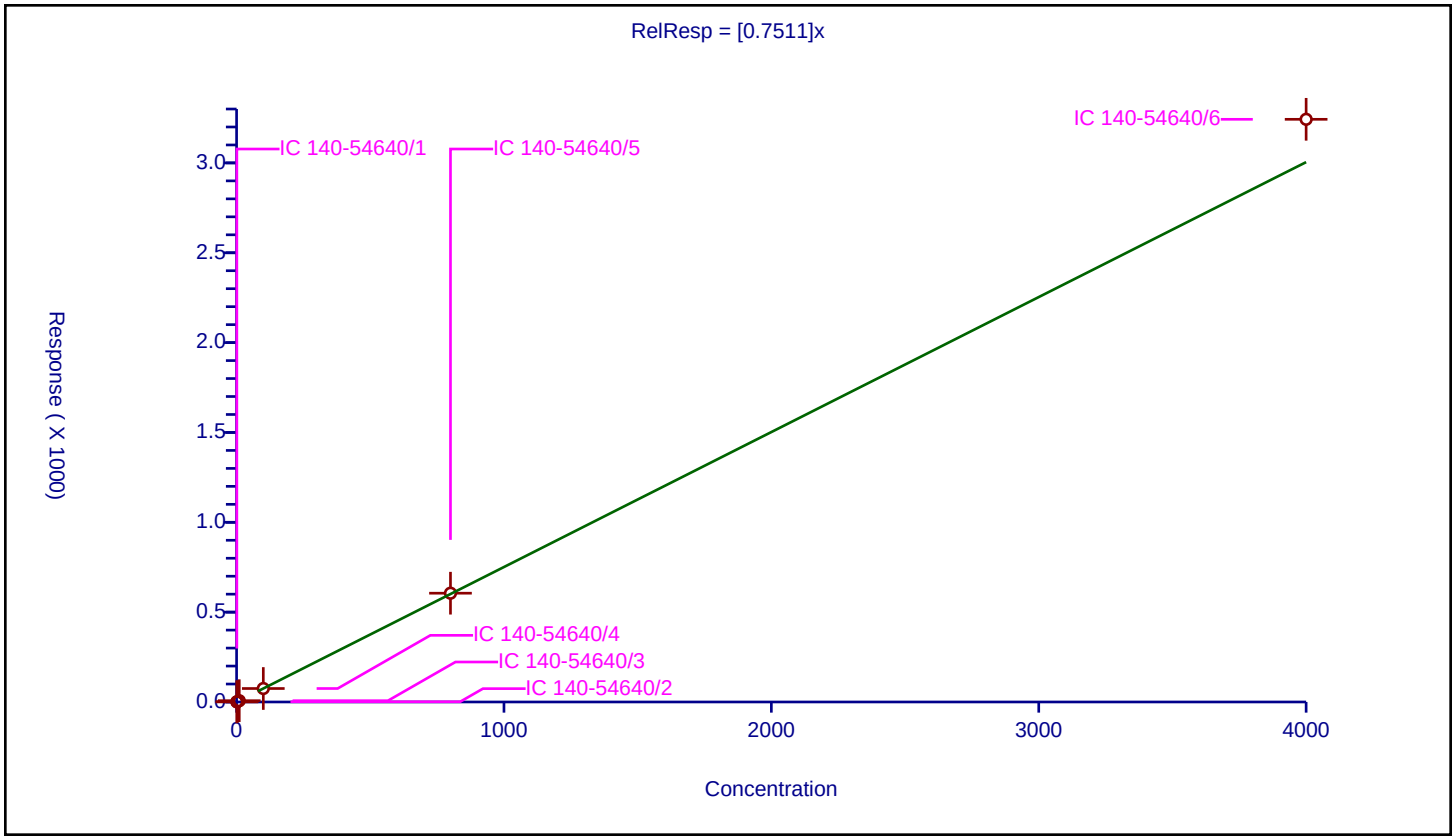
Curve Coefficients

Intercept:	0
Slope:	0.7511

Error Coefficients

Standard Error:	215000000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.763293	100.0	15186956.0	0.763293	Y
2	IC 140-54640/2	2.0	1.425348	100.0	15201691.0	0.712674	Y
3	IC 140-54640/3	10.0	7.130972	100.0	15171774.0	0.713097	Y
4	IC 140-54640/4	100.0	75.009317	100.0	14285108.0	0.750093	Y
5	IC 140-54640/5	800.0	605.471949	100.0	14245893.0	0.75684	Y
6	IC 140-54640/6	4000.0	3242.676213	100.0	14562227.0	0.810669	Y



Calibration / PCB-171/173

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

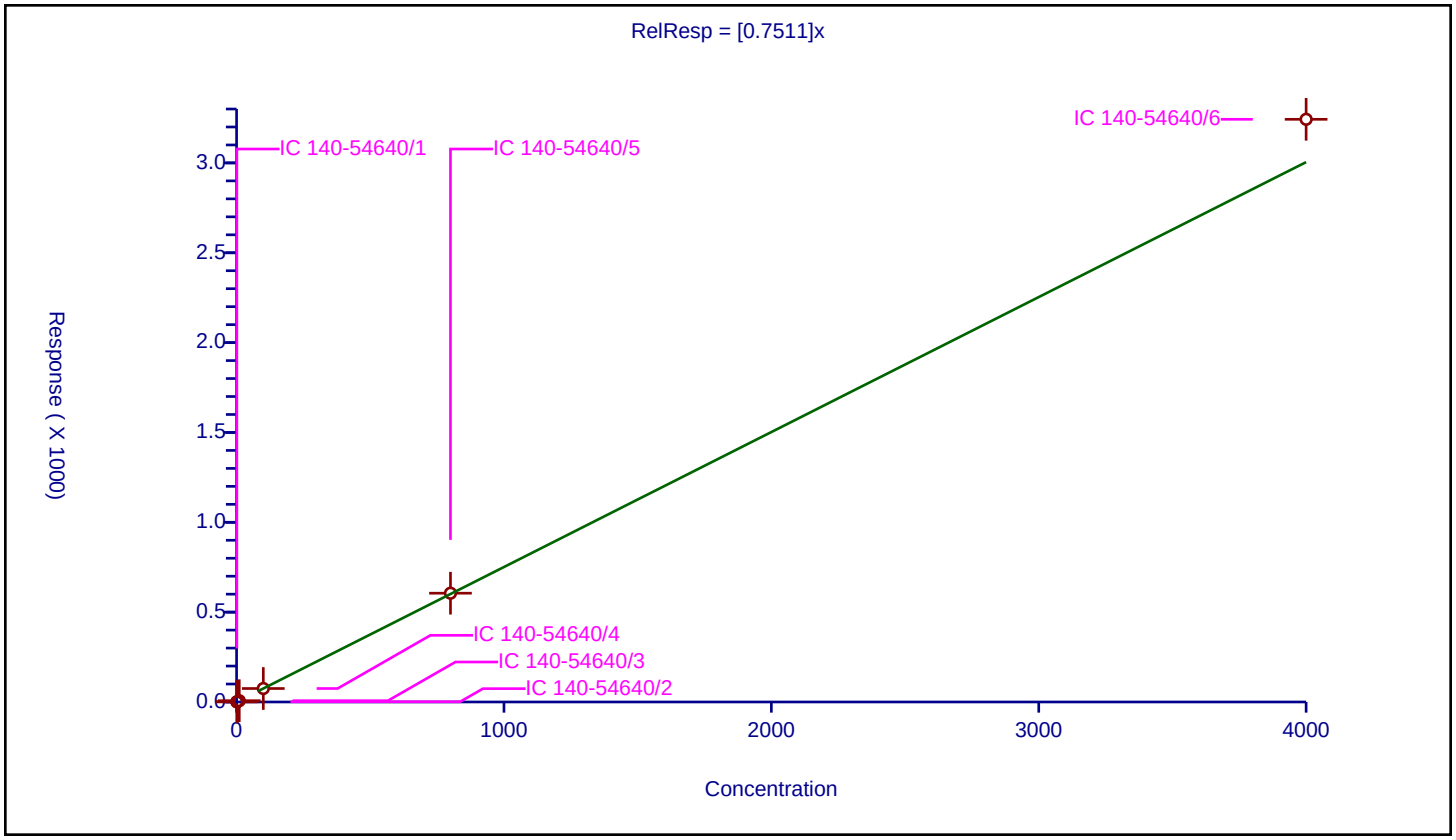
Curve Coefficients

Intercept:	0
Slope:	0.7511

Error Coefficients

Standard Error:	215000000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.763293	100.0	15186956.0	0.763293	Y
2	IC 140-54640/2	2.0	1.425348	100.0	15201691.0	0.712674	Y
3	IC 140-54640/3	10.0	7.130972	100.0	15171774.0	0.713097	Y
4	IC 140-54640/4	100.0	75.009317	100.0	14285108.0	0.750093	Y
5	IC 140-54640/5	800.0	605.471949	100.0	14245893.0	0.75684	Y
6	IC 140-54640/6	4000.0	3242.676213	100.0	14562227.0	0.810669	Y



Calibration / PCB-172

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

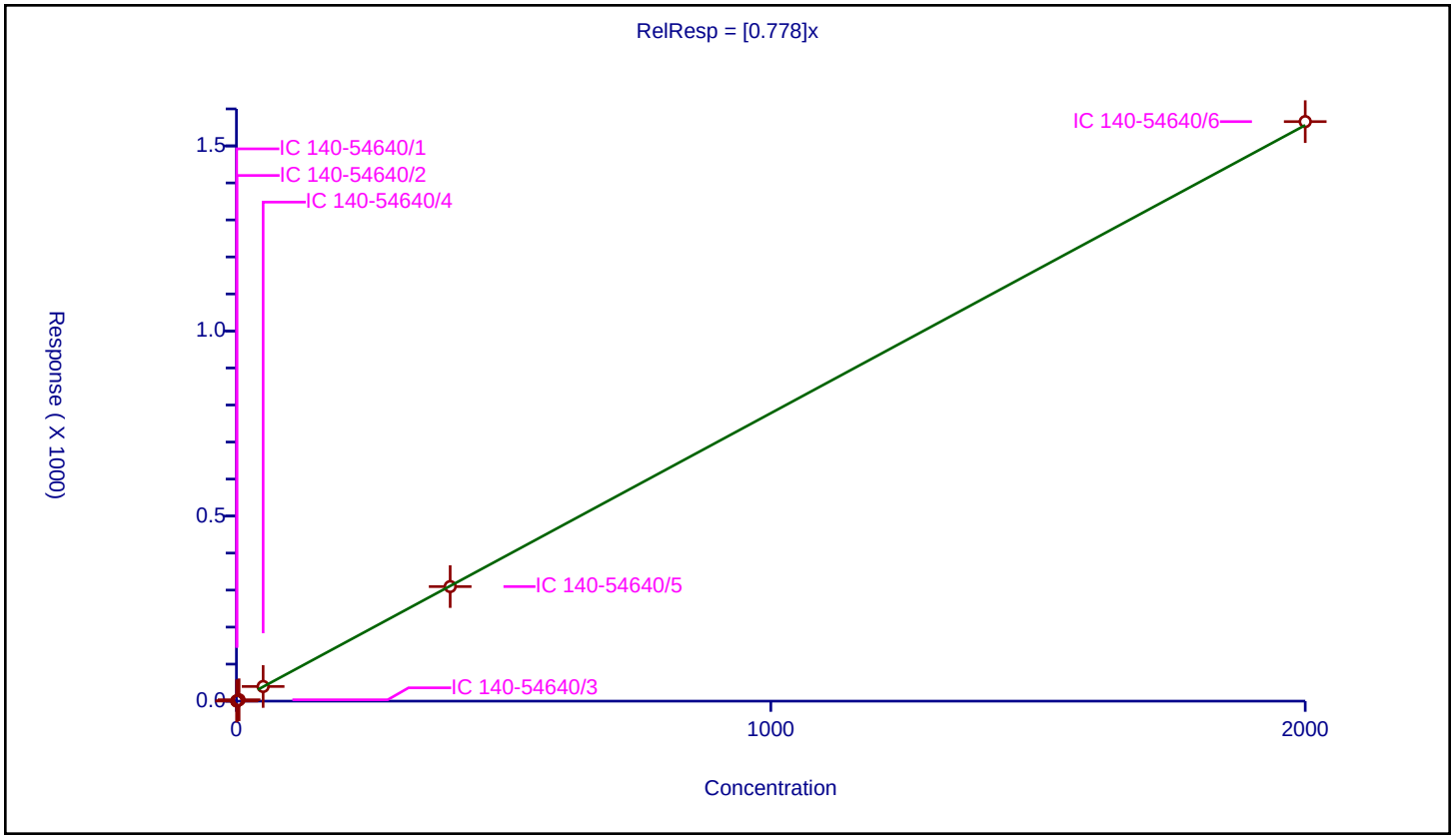
Curve Coefficients

Intercept:	0
Slope:	0.778

Error Coefficients

Standard Error:	104000000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.3974	100.0	15186956.0	0.7948	Y
2	IC 140-54640/2	1.0	0.78213	100.0	15201691.0	0.78213	Y
3	IC 140-54640/3	5.0	3.714477	100.0	15171774.0	0.742895	Y
4	IC 140-54640/4	50.0	39.577125	100.0	14285108.0	0.791542	Y
5	IC 140-54640/5	400.0	309.525672	100.0	14245893.0	0.773814	Y
6	IC 140-54640/6	2000.0	1565.609862	100.0	14562227.0	0.782805	Y



Calibration / PCB-173

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

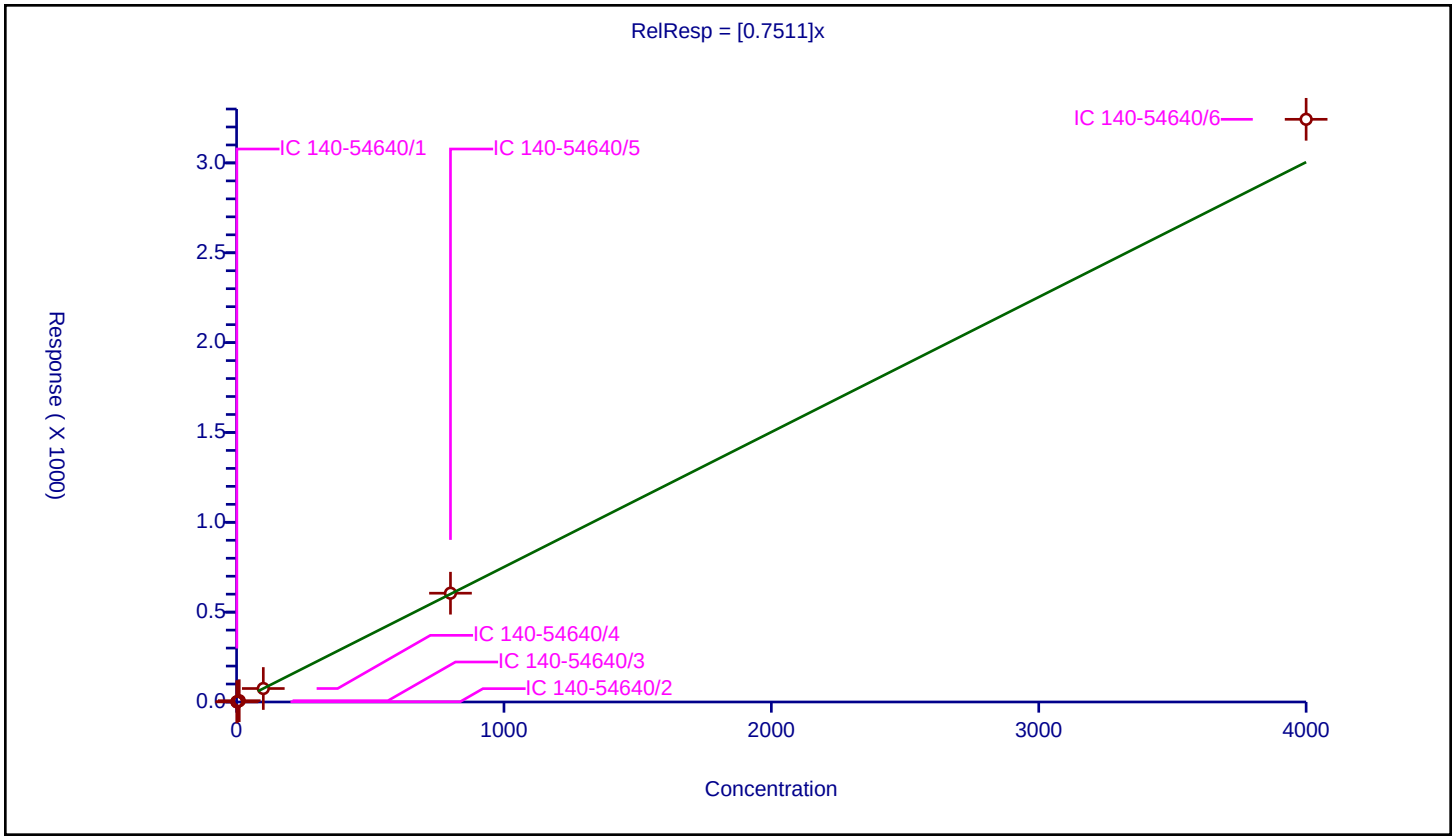
Curve Coefficients

Intercept:	0
Slope:	0.7511

Error Coefficients

Standard Error:	215000000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.763293	100.0	15186956.0	0.763293	Y
2	IC 140-54640/2	2.0	1.425348	100.0	15201691.0	0.712674	Y
3	IC 140-54640/3	10.0	7.130972	100.0	15171774.0	0.713097	Y
4	IC 140-54640/4	100.0	75.009317	100.0	14285108.0	0.750093	Y
5	IC 140-54640/5	800.0	605.471949	100.0	14245893.0	0.75684	Y
6	IC 140-54640/6	4000.0	3242.676213	100.0	14562227.0	0.810669	Y



Calibration / PCB-174

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

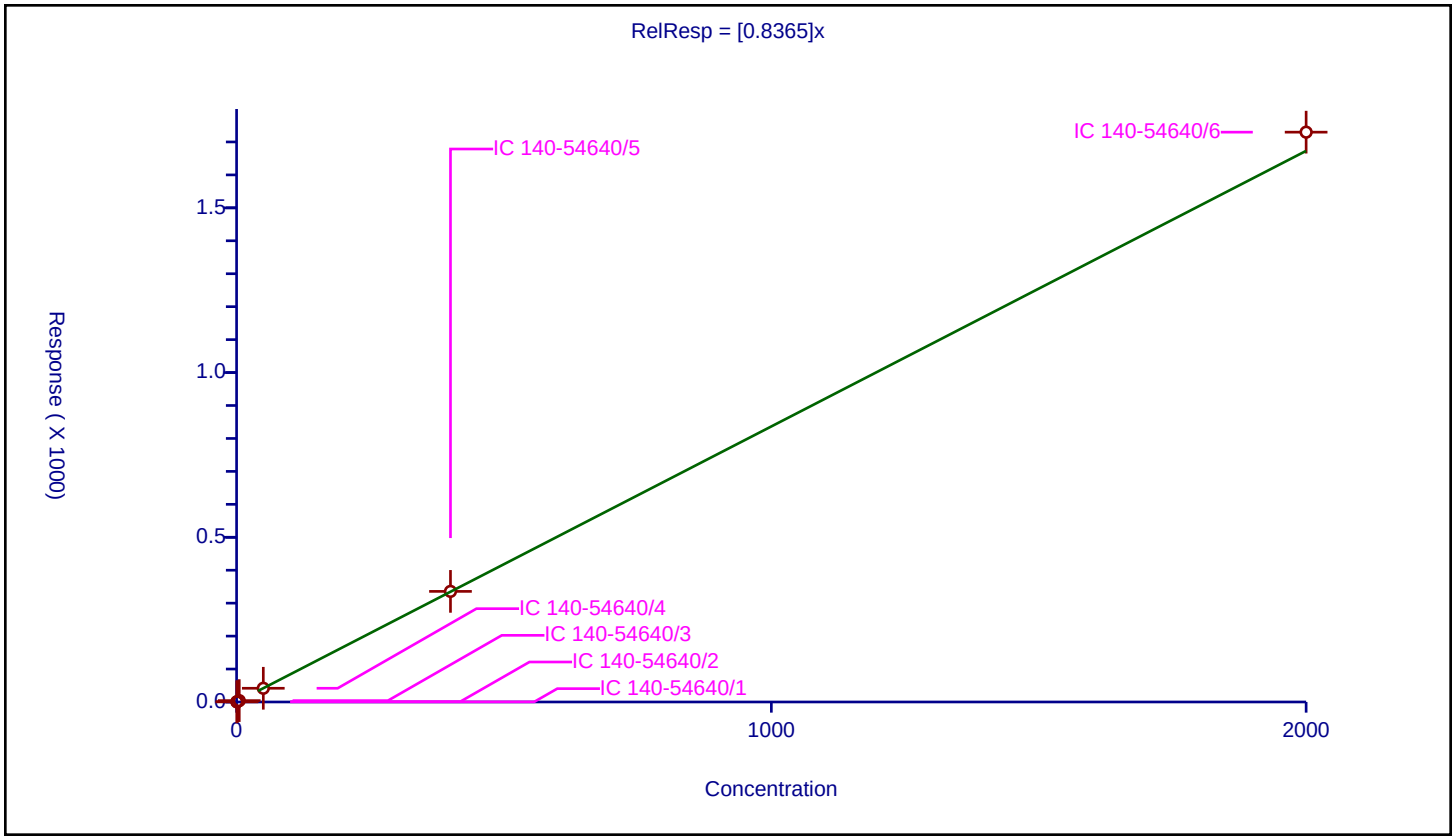
Curve Coefficients

Intercept:	0
Slope:	0.8365

Error Coefficients

Standard Error:	115000000
Relative Standard Error:	1.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.410319	100.0	15186956.0	0.820638	Y
2	IC 140-54640/2	1.0	0.835914	100.0	15201691.0	0.835914	Y
3	IC 140-54640/3	5.0	4.128383	100.0	15171774.0	0.825677	Y
4	IC 140-54640/4	50.0	41.616808	100.0	14285108.0	0.832336	Y
5	IC 140-54640/5	400.0	335.707969	100.0	14245893.0	0.83927	Y
6	IC 140-54640/6	2000.0	1729.775425	100.0	14562227.0	0.864888	Y



Calibration / PCB-175

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

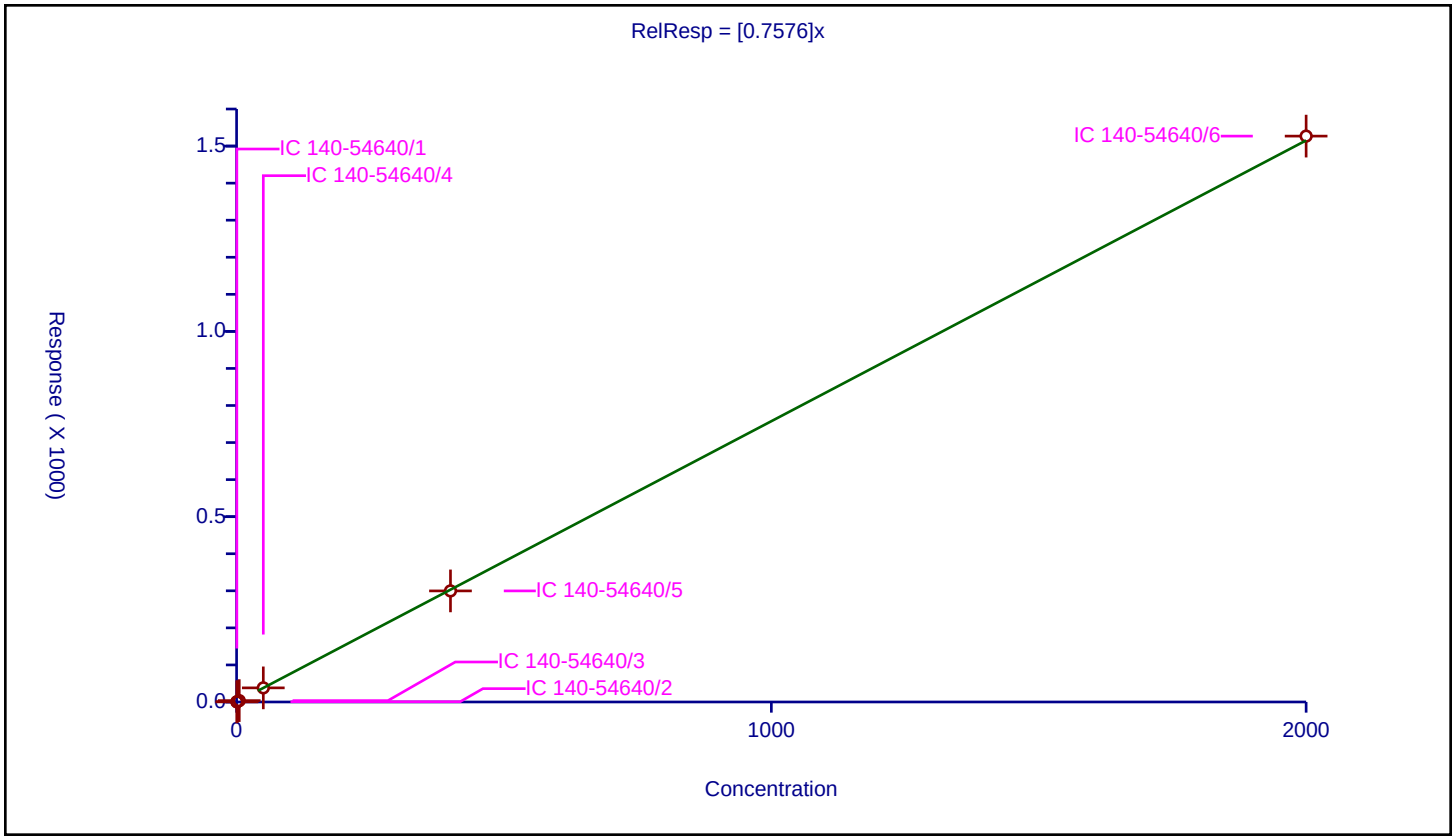
Curve Coefficients

Intercept:	0
Slope:	0.7576

Error Coefficients

Standard Error:	101000000
Relative Standard Error:	1.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.38809	100.0	15186956.0	0.776179	Y
2	IC 140-54640/2	1.0	0.755561	100.0	15201691.0	0.755561	Y
3	IC 140-54640/3	5.0	3.695593	100.0	15171774.0	0.739119	Y
4	IC 140-54640/4	50.0	38.108805	100.0	14285108.0	0.762176	Y
5	IC 140-54640/5	400.0	299.730729	100.0	14245893.0	0.749327	Y
6	IC 140-54640/6	2000.0	1526.872971	100.0	14562227.0	0.763436	Y



Calibration / PCB-176

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

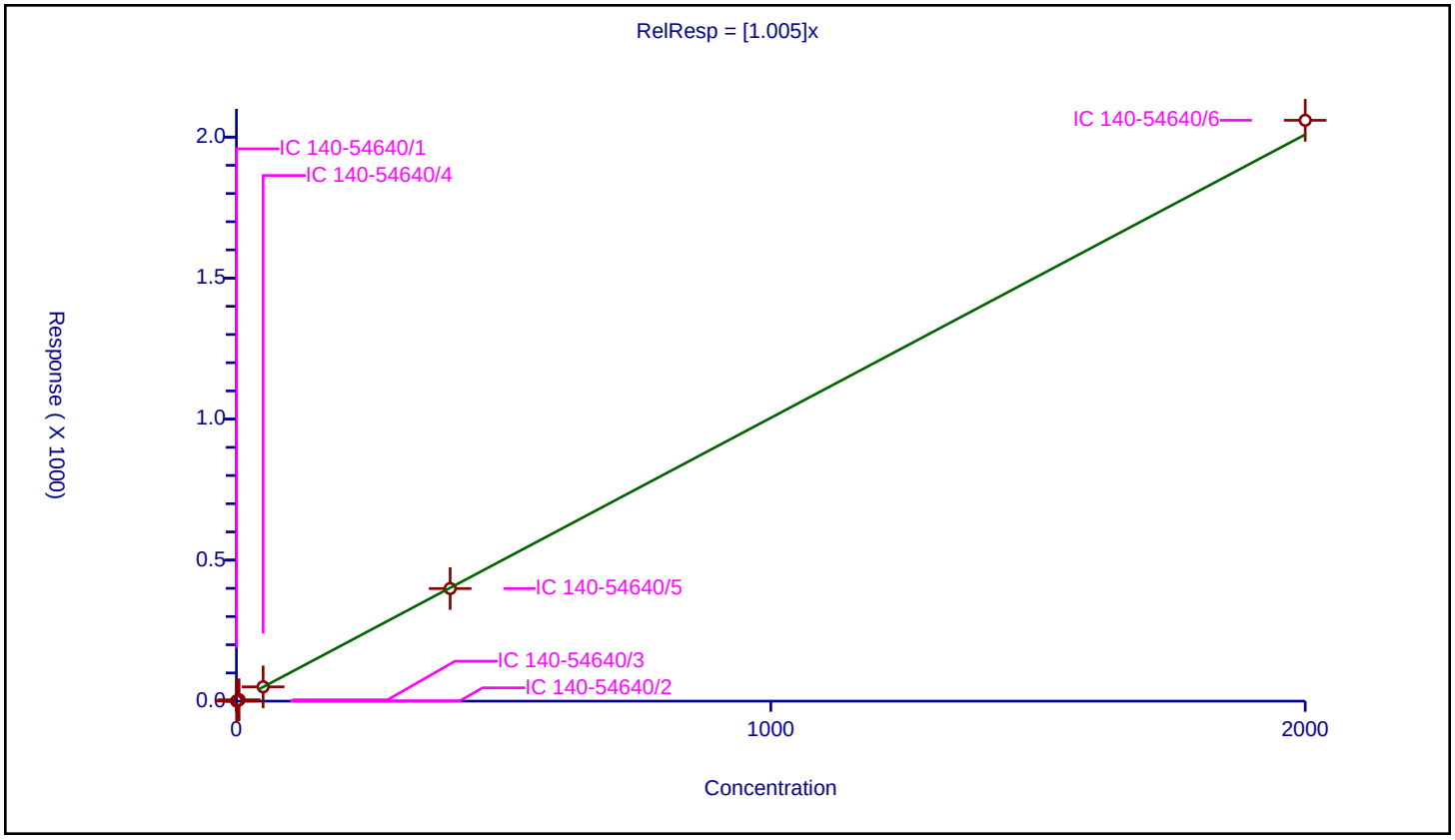
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Standard Error:	137000000
Relative Standard Error:	2.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.516753	100.0	15186956.0	1.033505	Y
2	IC 140-54640/2	1.0	0.985686	100.0	15201691.0	0.985686	Y
3	IC 140-54640/3	5.0	4.823516	100.0	15171774.0	0.964703	Y
4	IC 140-54640/4	50.0	50.765447	100.0	14285108.0	1.015309	Y
5	IC 140-54640/5	400.0	399.238475	100.0	14245893.0	0.998096	Y
6	IC 140-54640/6	2000.0	2059.566542	100.0	14562227.0	1.029783	Y



Calibration / PCB-177

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

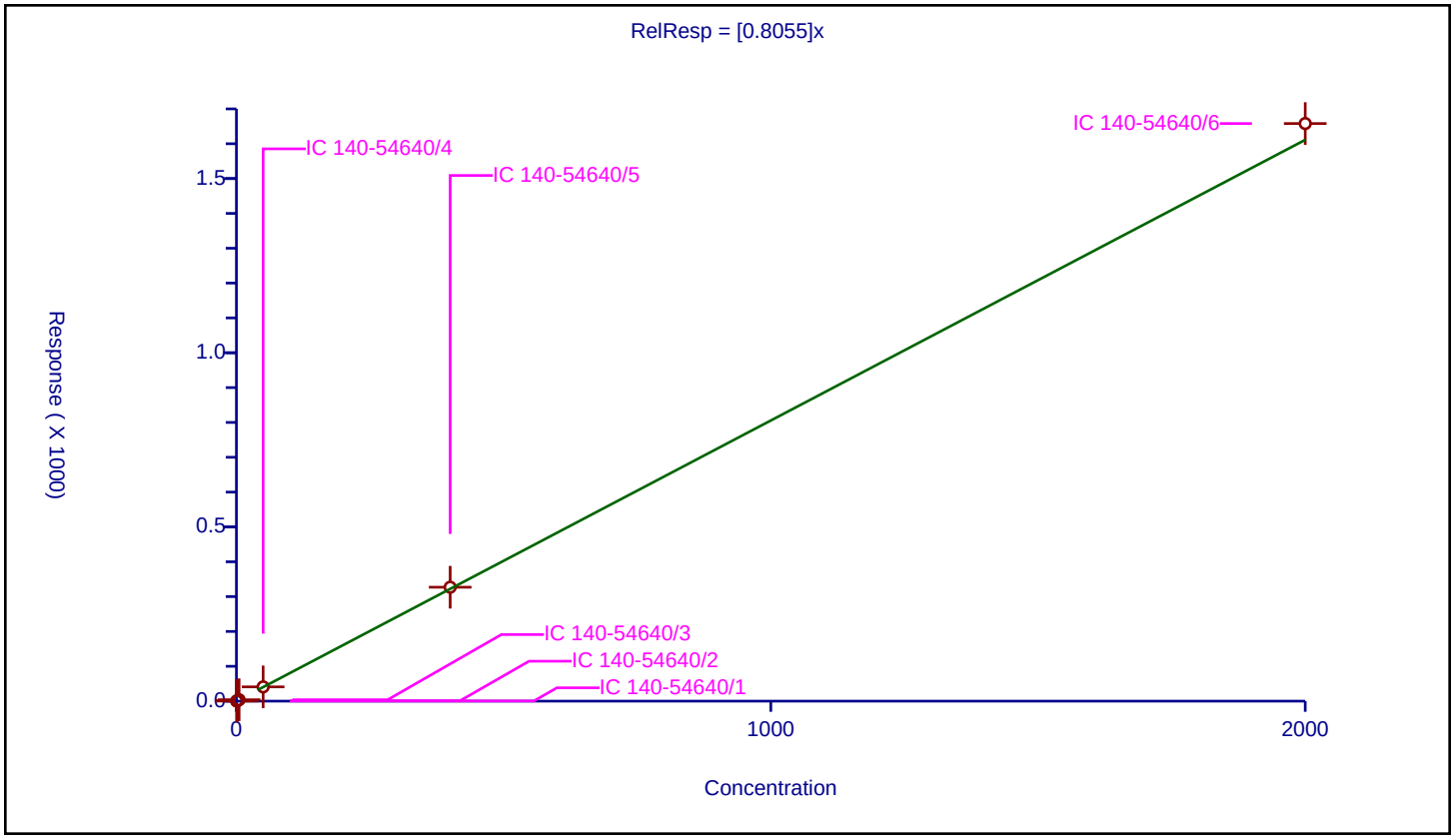
Curve Coefficients

Intercept:	0
Slope:	0.8055

Error Coefficients

Standard Error:	110000000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.390111	100.0	15186956.0	0.780222	Y
2	IC 140-54640/2	1.0	0.787498	100.0	15201691.0	0.787498	Y
3	IC 140-54640/3	5.0	4.003441	100.0	15171774.0	0.800688	Y
4	IC 140-54640/4	50.0	40.920699	100.0	14285108.0	0.818414	Y
5	IC 140-54640/5	400.0	326.991295	100.0	14245893.0	0.817478	Y
6	IC 140-54640/6	2000.0	1657.974326	100.0	14562227.0	0.828987	Y



Calibration / PCB-178

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

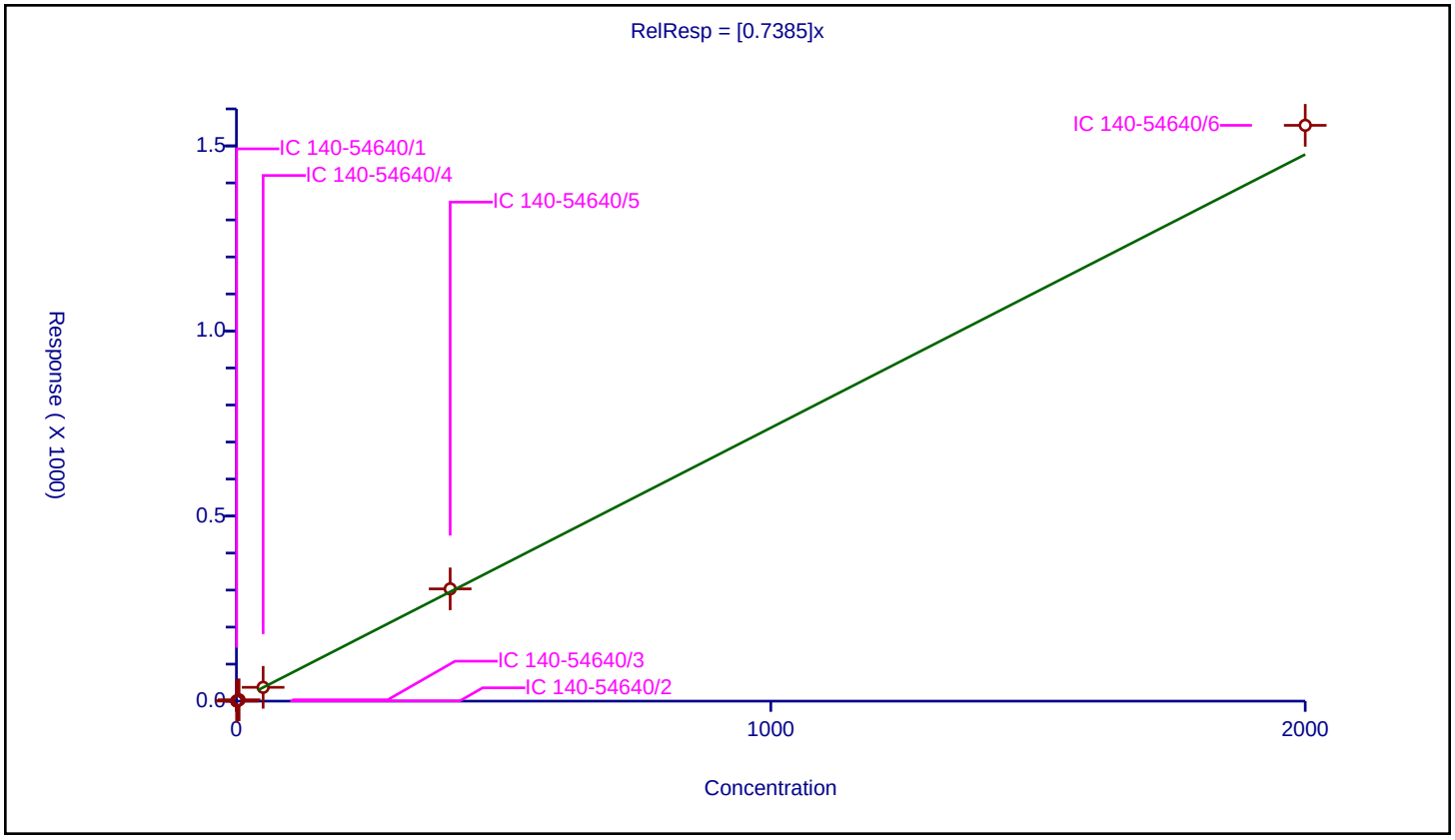
Curve Coefficients

Intercept:	0
Slope:	0.7385

Error Coefficients

Standard Error:	103000000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.377554	100.0	15186956.0	0.755109	Y
2	IC 140-54640/2	1.0	0.668741	100.0	15201691.0	0.668741	Y
3	IC 140-54640/3	5.0	3.624975	100.0	15171774.0	0.724995	Y
4	IC 140-54640/4	50.0	37.298136	100.0	14285108.0	0.745963	Y
5	IC 140-54640/5	400.0	303.328377	100.0	14245893.0	0.758321	Y
6	IC 140-54640/6	2000.0	1555.626416	100.0	14562227.0	0.777813	Y



Calibration / PCB-178L

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

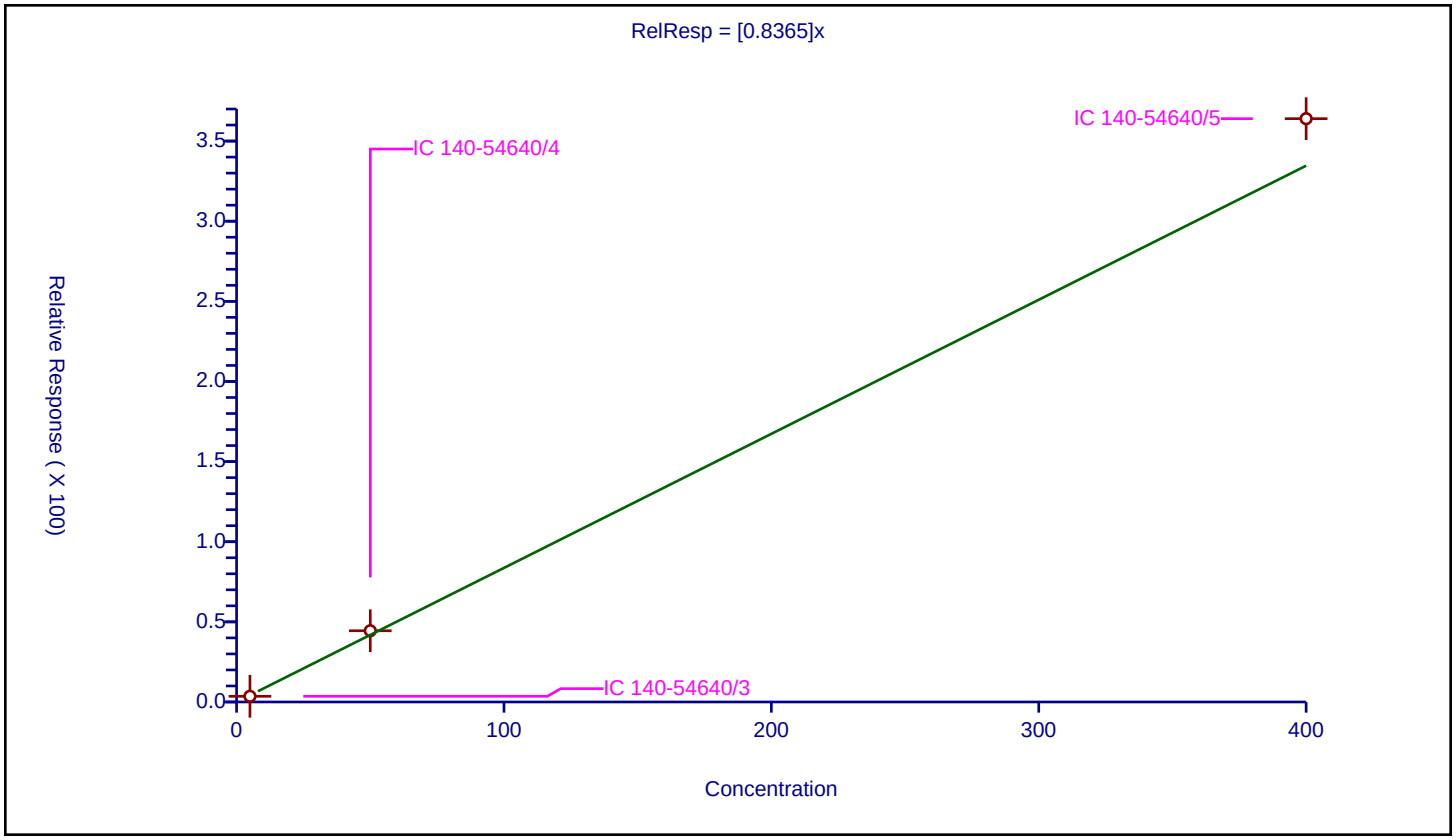
Curve Coefficients

Intercept:	0
Slope:	0.8365

Error Coefficients

Standard Error:	29600000
Relative Standard Error:	13.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.984

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/3	5.0	3.553282	100.0	12026992.0	0.710656	Y
2	IC 140-54640/4	50.0	44.451518	100.0	11665190.0	0.88903	Y
3	IC 140-54640/5	400.0	363.983686	100.0	11403338.0	0.909959	Y



Calibration / PCB-179

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

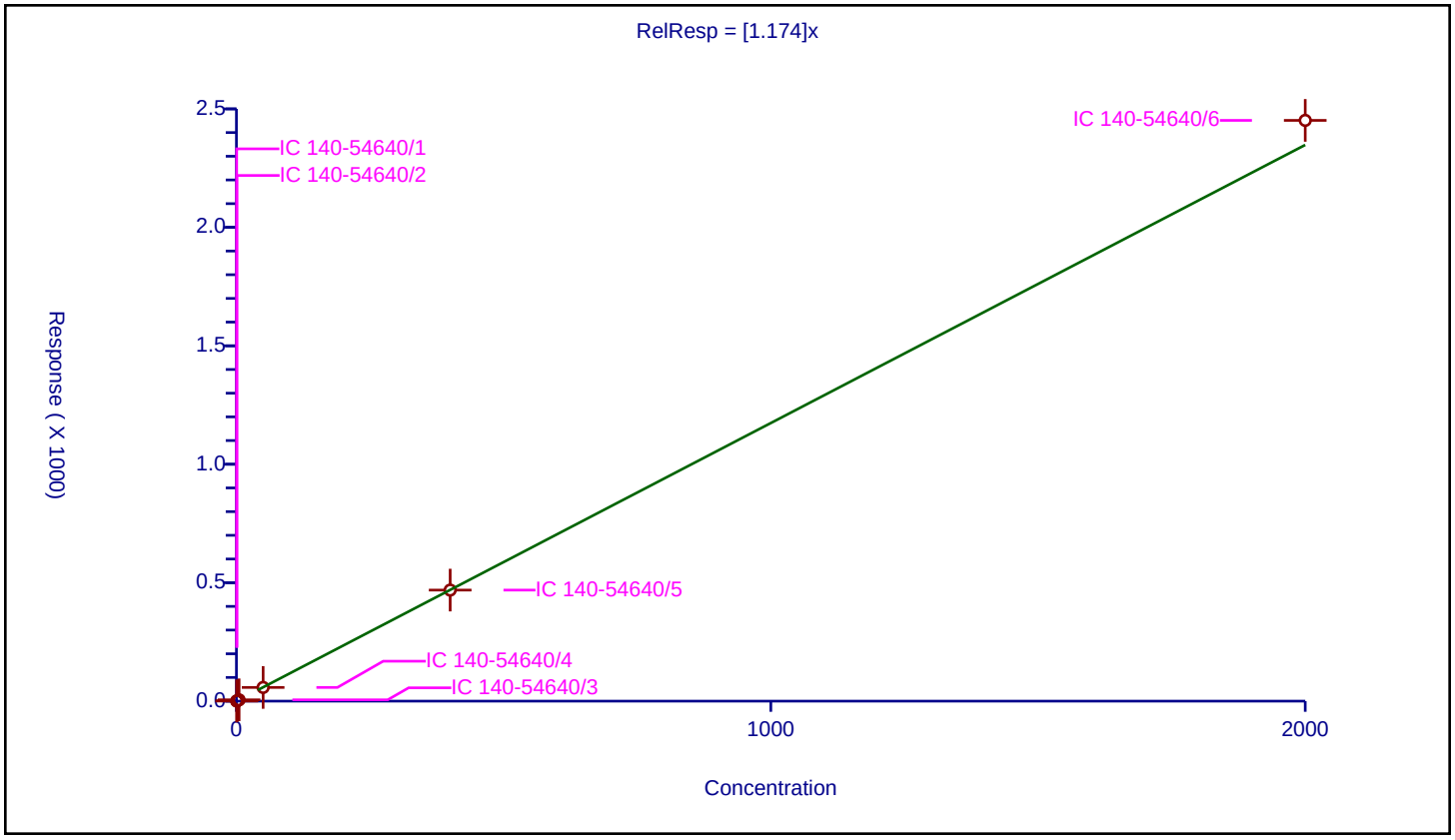
Curve Coefficients

Intercept:	0
Slope:	1.174

Error Coefficients

Standard Error:	162000000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.598639	100.0	15186956.0	1.197277	Y
2	IC 140-54640/2	1.0	1.182309	100.0	15201691.0	1.182309	Y
3	IC 140-54640/3	5.0	5.54392	100.0	15171774.0	1.108784	Y
4	IC 140-54640/4	50.0	57.887354	100.0	14285108.0	1.157747	Y
5	IC 140-54640/5	400.0	468.735087	100.0	14245893.0	1.171838	Y
6	IC 140-54640/6	2000.0	2451.419498	100.0	14562227.0	1.22571	Y



Calibration / PCB-18

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

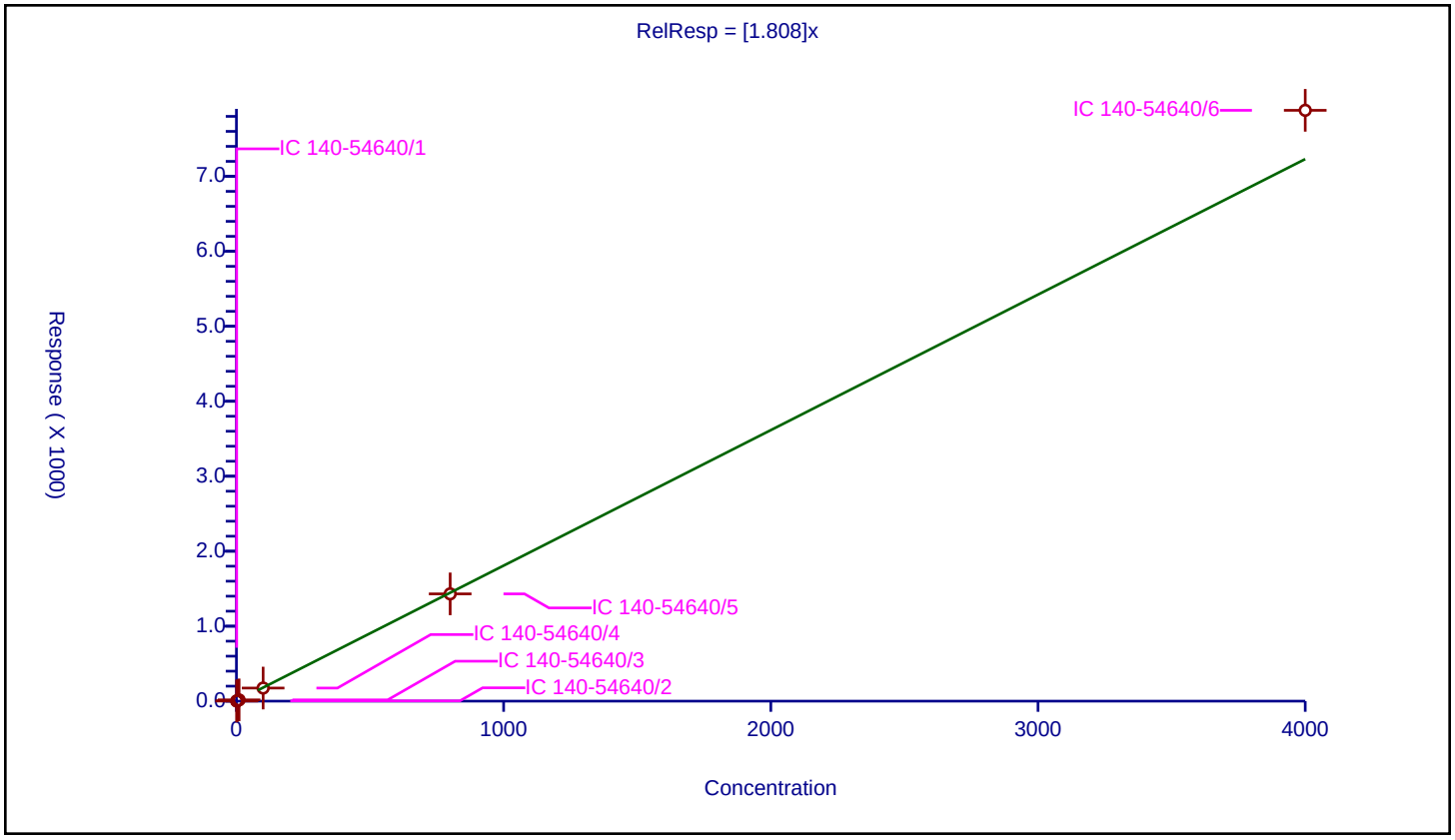
Curve Coefficients

Intercept:	0
Slope:	1.808

Error Coefficients

Standard Error:	304000000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.853428	100.0	8681375.0	1.853428	Y
2	IC 140-54640/2	2.0	3.588248	100.0	8746665.0	1.794124	Y
3	IC 140-54640/3	10.0	16.930821	100.0	8795876.0	1.693082	Y
4	IC 140-54640/4	100.0	174.638079	100.0	8452672.0	1.746381	Y
5	IC 140-54640/5	800.0	1430.764511	100.0	8350999.0	1.788456	Y
6	IC 140-54640/6	4000.0	7880.847122	100.0	8478261.0	1.970212	Y



Calibration / PCB-18/30

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

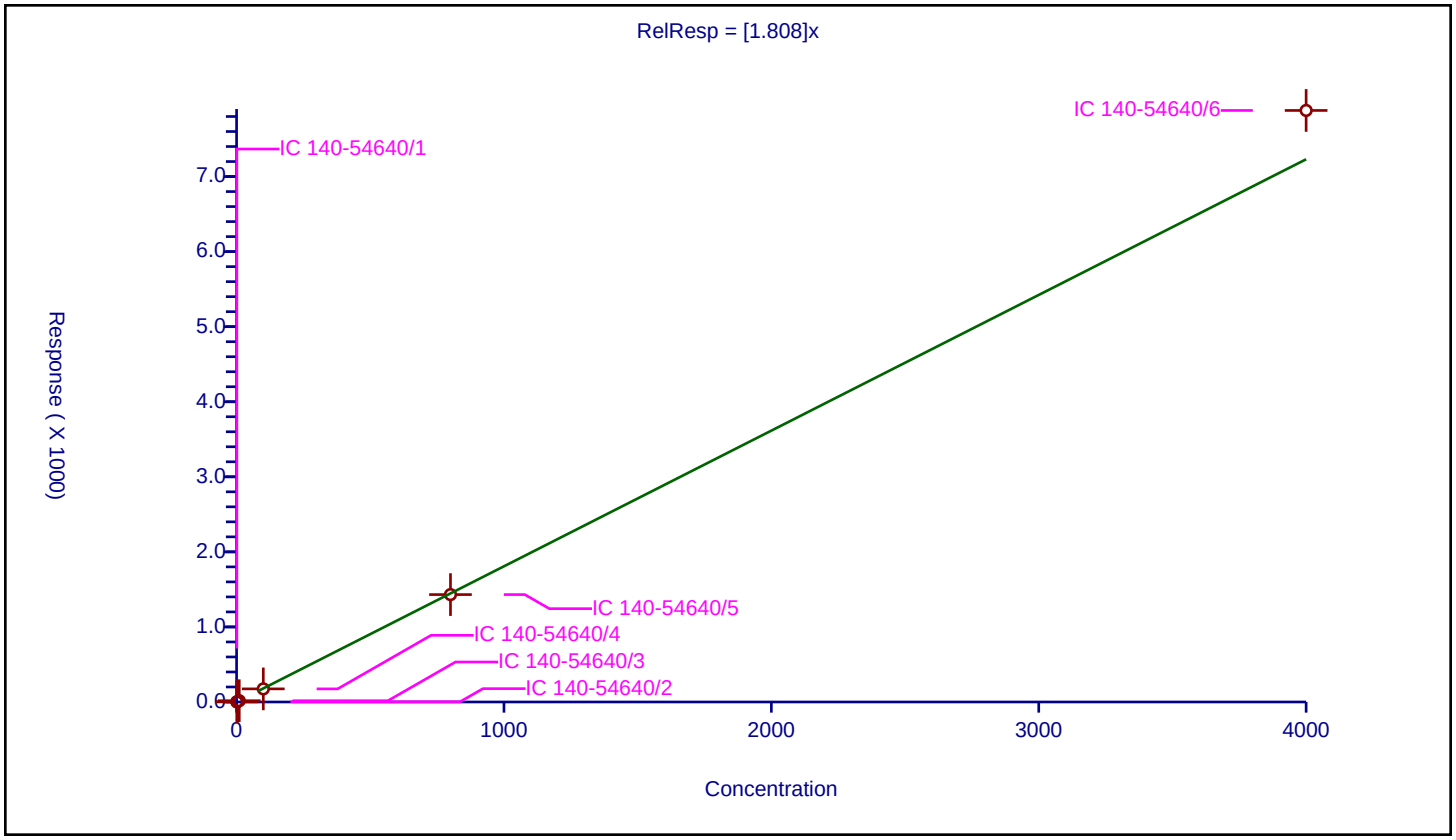
Curve Coefficients

Intercept:	0
Slope:	1.808

Error Coefficients

Standard Error:	304000000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.853428	100.0	8681375.0	1.853428	Y
2	IC 140-54640/2	2.0	3.588248	100.0	8746665.0	1.794124	Y
3	IC 140-54640/3	10.0	16.930821	100.0	8795876.0	1.693082	Y
4	IC 140-54640/4	100.0	174.638079	100.0	8452672.0	1.746381	Y
5	IC 140-54640/5	800.0	1430.764511	100.0	8350999.0	1.788456	Y
6	IC 140-54640/6	4000.0	7880.847122	100.0	8478261.0	1.970212	Y



Calibration / PCB-180

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

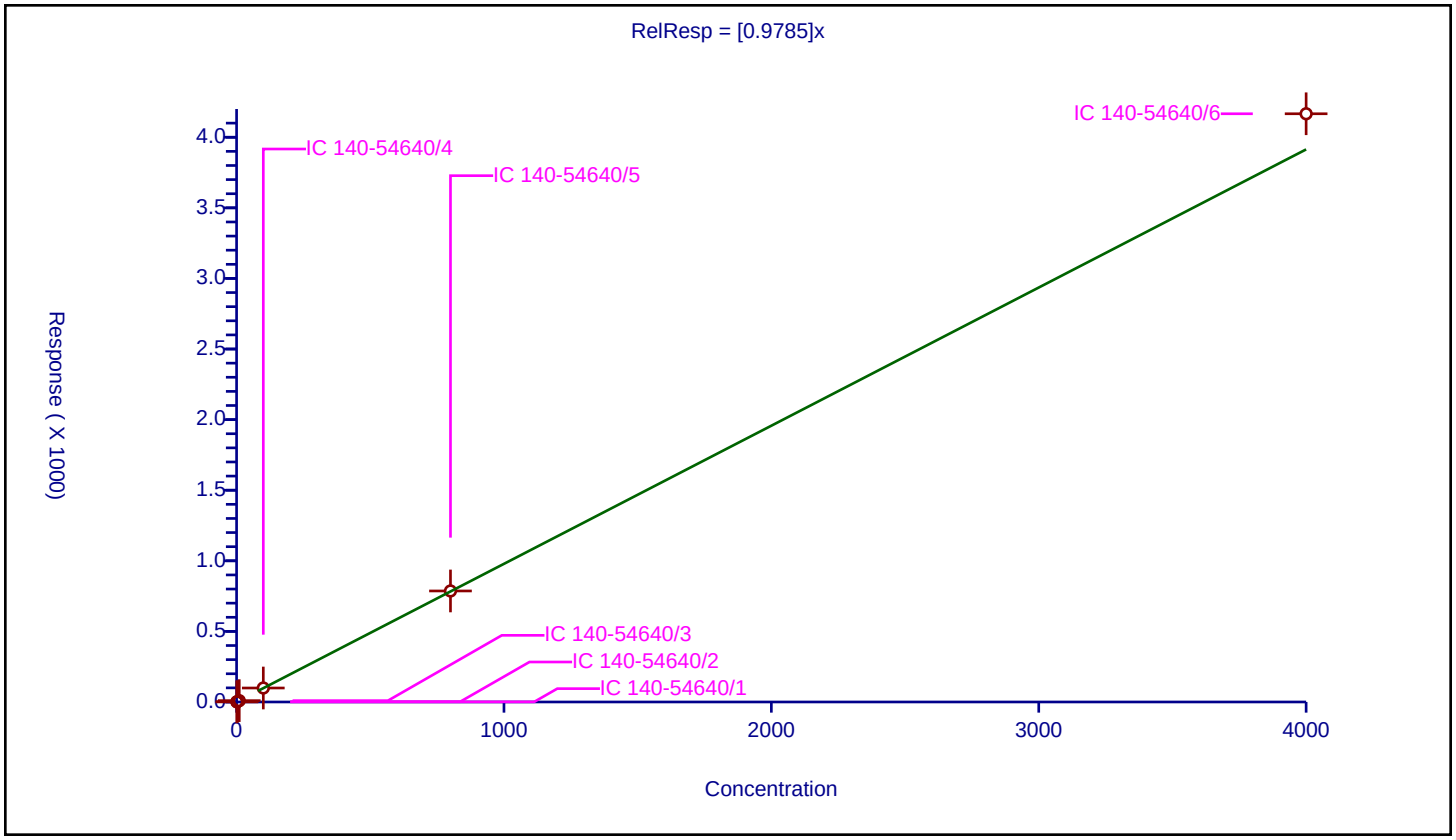
Curve Coefficients

Intercept:	0
Slope:	0.9785

Error Coefficients

Standard Error:	276000000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.967113	100.0	15186956.0	0.967113	Y
2	IC 140-54640/2	2.0	1.875252	100.0	15201691.0	0.937626	Y
3	IC 140-54640/3	10.0	9.501868	100.0	15171774.0	0.950187	Y
4	IC 140-54640/4	100.0	99.128624	100.0	14285108.0	0.991286	Y
5	IC 140-54640/5	800.0	786.443735	100.0	14245893.0	0.983055	Y
6	IC 140-54640/6	4000.0	4166.385018	100.0	14562227.0	1.041596	Y



Calibration / PCB-180/193

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

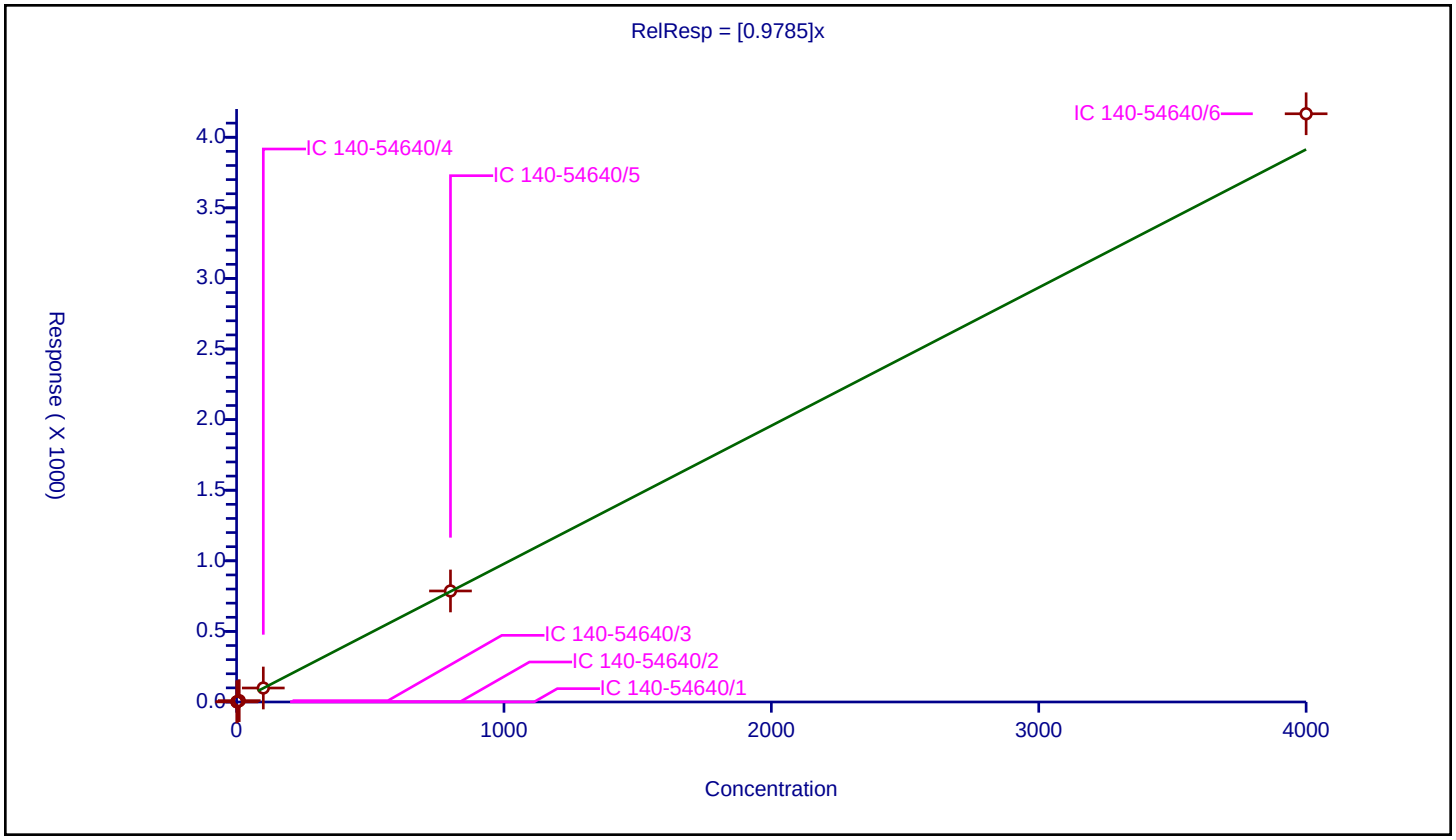
Curve Coefficients

Intercept:	0
Slope:	0.9785

Error Coefficients

Standard Error:	276000000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.967113	100.0	15186956.0	0.967113	Y
2	IC 140-54640/2	2.0	1.875252	100.0	15201691.0	0.937626	Y
3	IC 140-54640/3	10.0	9.501868	100.0	15171774.0	0.950187	Y
4	IC 140-54640/4	100.0	99.128624	100.0	14285108.0	0.991286	Y
5	IC 140-54640/5	800.0	786.443735	100.0	14245893.0	0.983055	Y
6	IC 140-54640/6	4000.0	4166.385018	100.0	14562227.0	1.041596	Y



Calibration / PCB-181

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

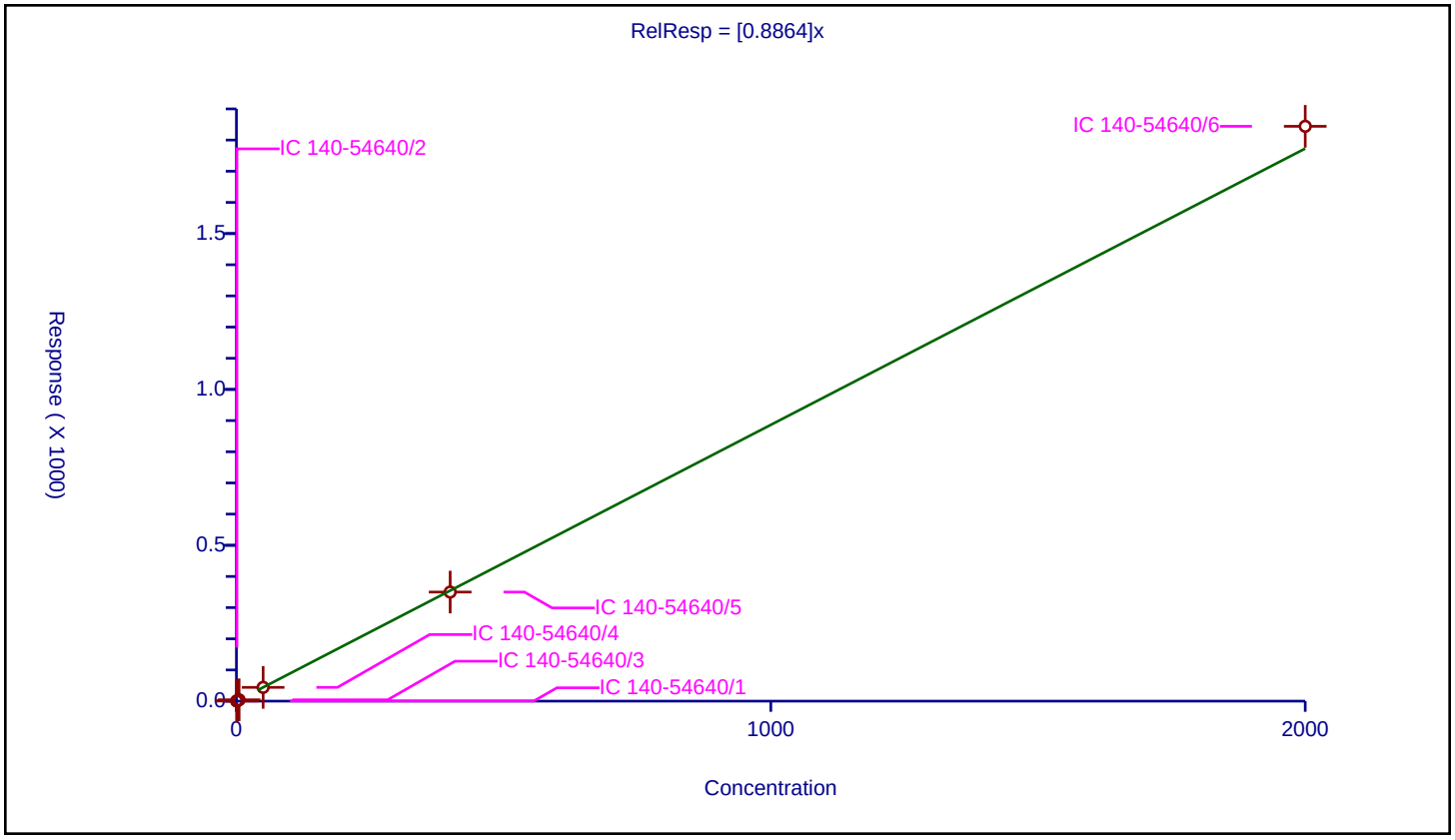
Curve Coefficients

Intercept:	0
Slope:	0.8864

Error Coefficients

Standard Error:	122000000
Relative Standard Error:	2.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.430468	100.0	15186956.0	0.860936	Y
2	IC 140-54640/2	1.0	0.914129	100.0	15201691.0	0.914129	Y
3	IC 140-54640/3	5.0	4.320978	100.0	15171774.0	0.864196	Y
4	IC 140-54640/4	50.0	44.110006	100.0	14285108.0	0.8822	Y
5	IC 140-54640/5	400.0	349.933416	100.0	14245893.0	0.874834	Y
6	IC 140-54640/6	2000.0	1844.124261	100.0	14562227.0	0.922062	Y



Calibration / PCB-182

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

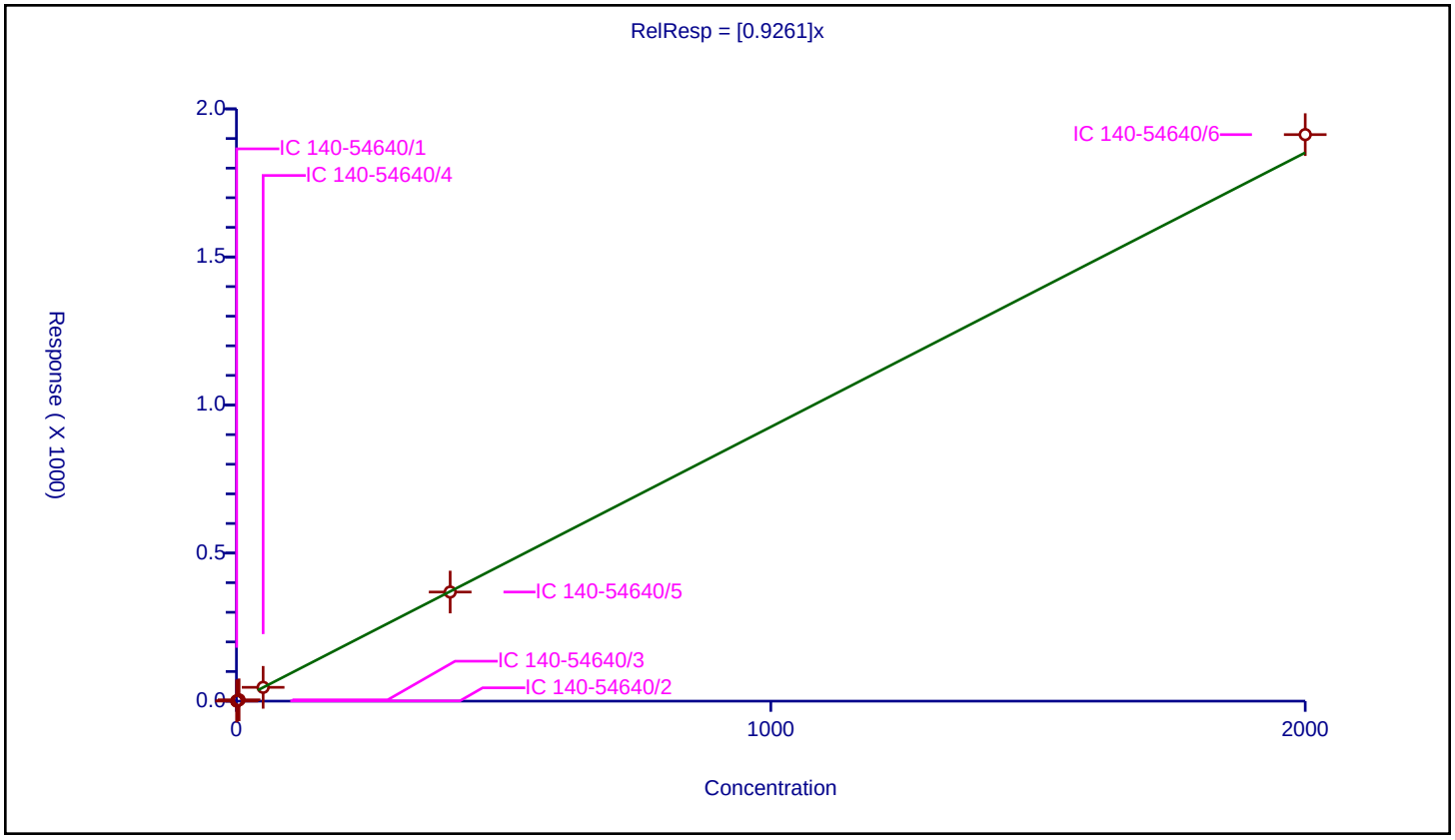
Curve Coefficients

Intercept:	0
Slope:	0.9261

Error Coefficients

Standard Error:	127000000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.488366	100.0	15186956.0	0.976733	Y
2	IC 140-54640/2	1.0	0.874896	100.0	15201691.0	0.874896	Y
3	IC 140-54640/3	5.0	4.471376	100.0	15171774.0	0.894275	Y
4	IC 140-54640/4	50.0	46.656259	100.0	14285108.0	0.933125	Y
5	IC 140-54640/5	400.0	368.471032	100.0	14245893.0	0.921178	Y
6	IC 140-54640/6	2000.0	1913.131391	100.0	14562227.0	0.956566	Y



Calibration / PCB-183

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

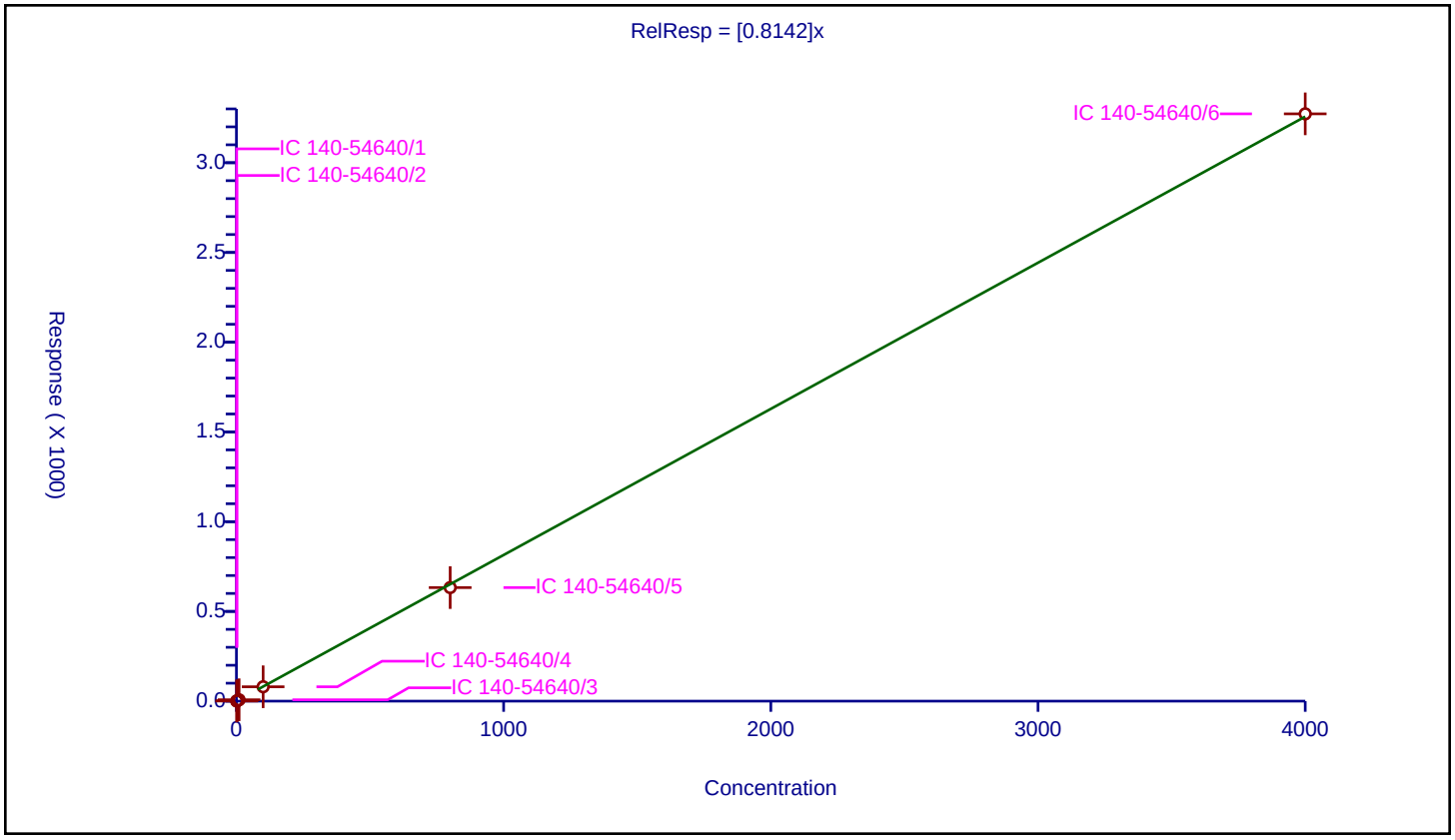
Curve Coefficients

Intercept:	0
Slope:	0.8142

Error Coefficients

Standard Error:	217000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.875198	100.0	15186956.0	0.875198	Y
2	IC 140-54640/2	2.0	1.67507	100.0	15201691.0	0.837535	Y
3	IC 140-54640/3	10.0	7.627256	100.0	15171774.0	0.762726	Y
4	IC 140-54640/4	100.0	80.092303	100.0	14285108.0	0.800923	Y
5	IC 140-54640/5	800.0	632.752885	100.0	14245893.0	0.790941	Y
6	IC 140-54640/6	4000.0	3272.413237	100.0	14562227.0	0.818103	Y



Calibration / PCB-183/185

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

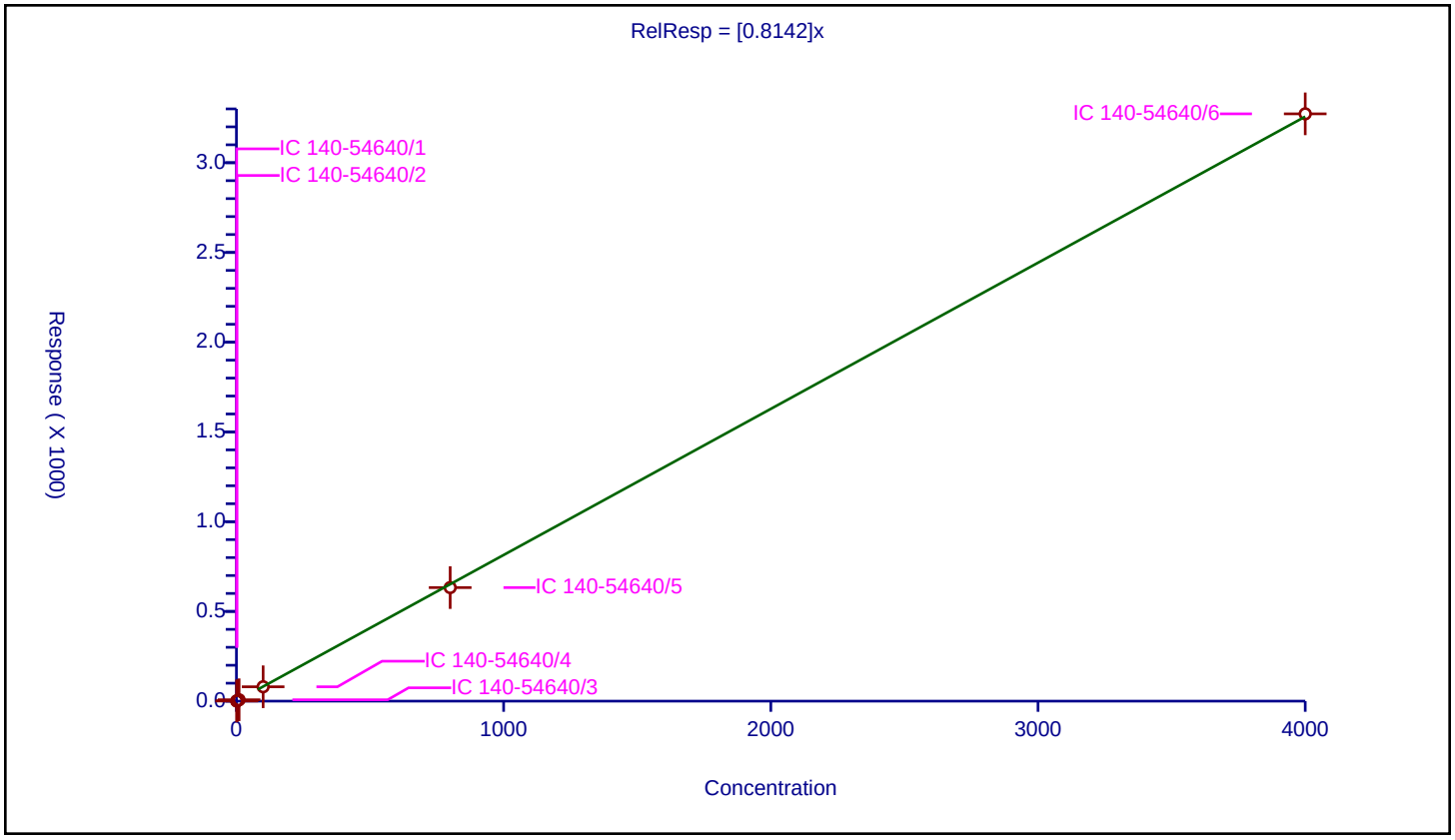
Curve Coefficients

Intercept:	0
Slope:	0.8142

Error Coefficients

Standard Error:	217000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.875198	100.0	15186956.0	0.875198	Y
2	IC 140-54640/2	2.0	1.67507	100.0	15201691.0	0.837535	Y
3	IC 140-54640/3	10.0	7.627256	100.0	15171774.0	0.762726	Y
4	IC 140-54640/4	100.0	80.092303	100.0	14285108.0	0.800923	Y
5	IC 140-54640/5	800.0	632.752885	100.0	14245893.0	0.790941	Y
6	IC 140-54640/6	4000.0	3272.413237	100.0	14562227.0	0.818103	Y



Calibration / PCB-184

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

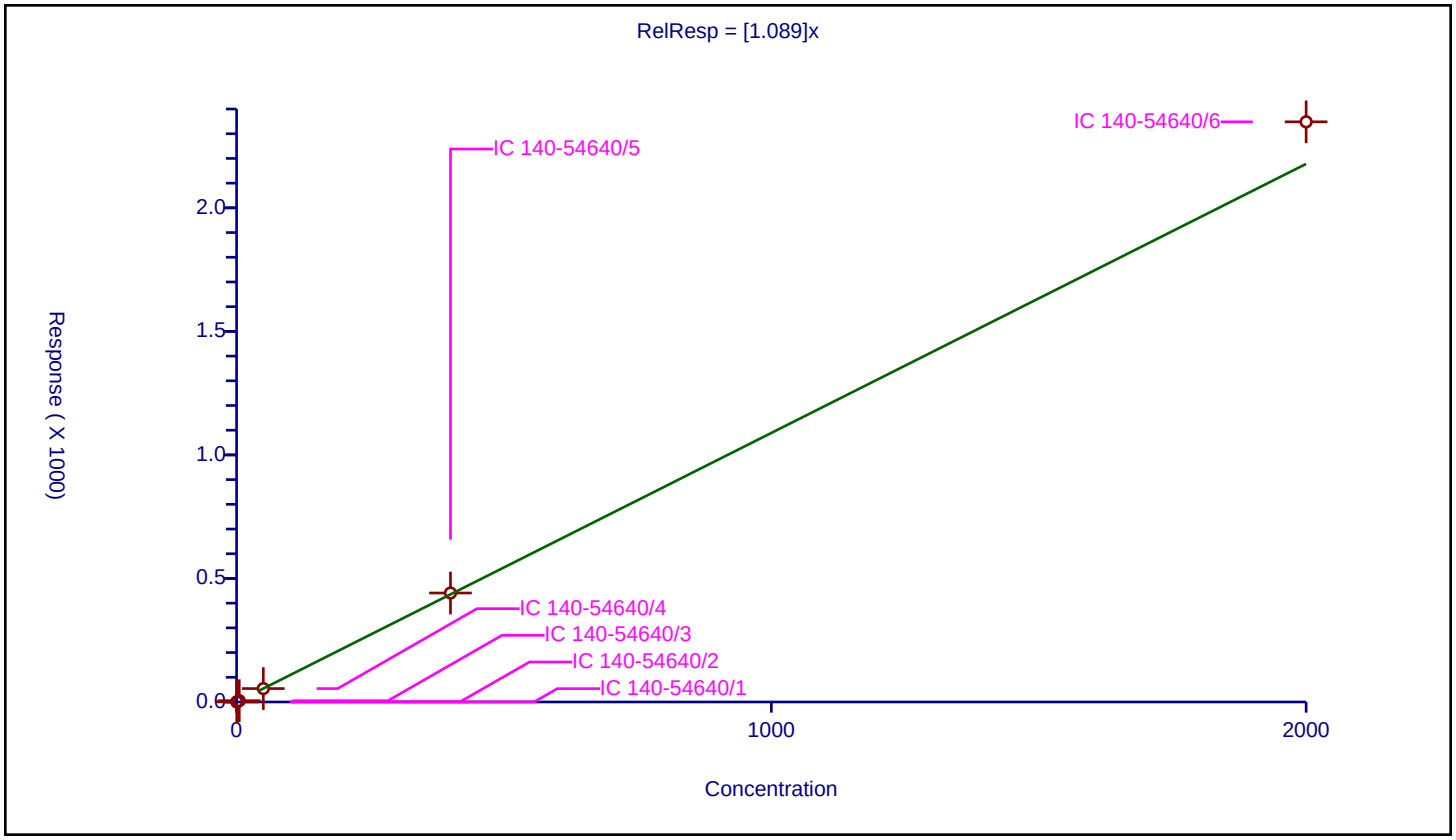
Curve Coefficients

Intercept:	0
Slope:	1.089

Error Coefficients

Standard Error:	156000000
Relative Standard Error:	4.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.538831	100.0	15186956.0	1.077662	Y
2	IC 140-54640/2	1.0	1.048403	100.0	15201691.0	1.048403	Y
3	IC 140-54640/3	5.0	5.226574	100.0	15171774.0	1.045315	Y
4	IC 140-54640/4	50.0	54.288277	100.0	14285108.0	1.085766	Y
5	IC 140-54640/5	400.0	441.009637	100.0	14245893.0	1.102524	Y
6	IC 140-54640/6	2000.0	2348.158596	100.0	14562227.0	1.174079	Y



Calibration / PCB-185

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

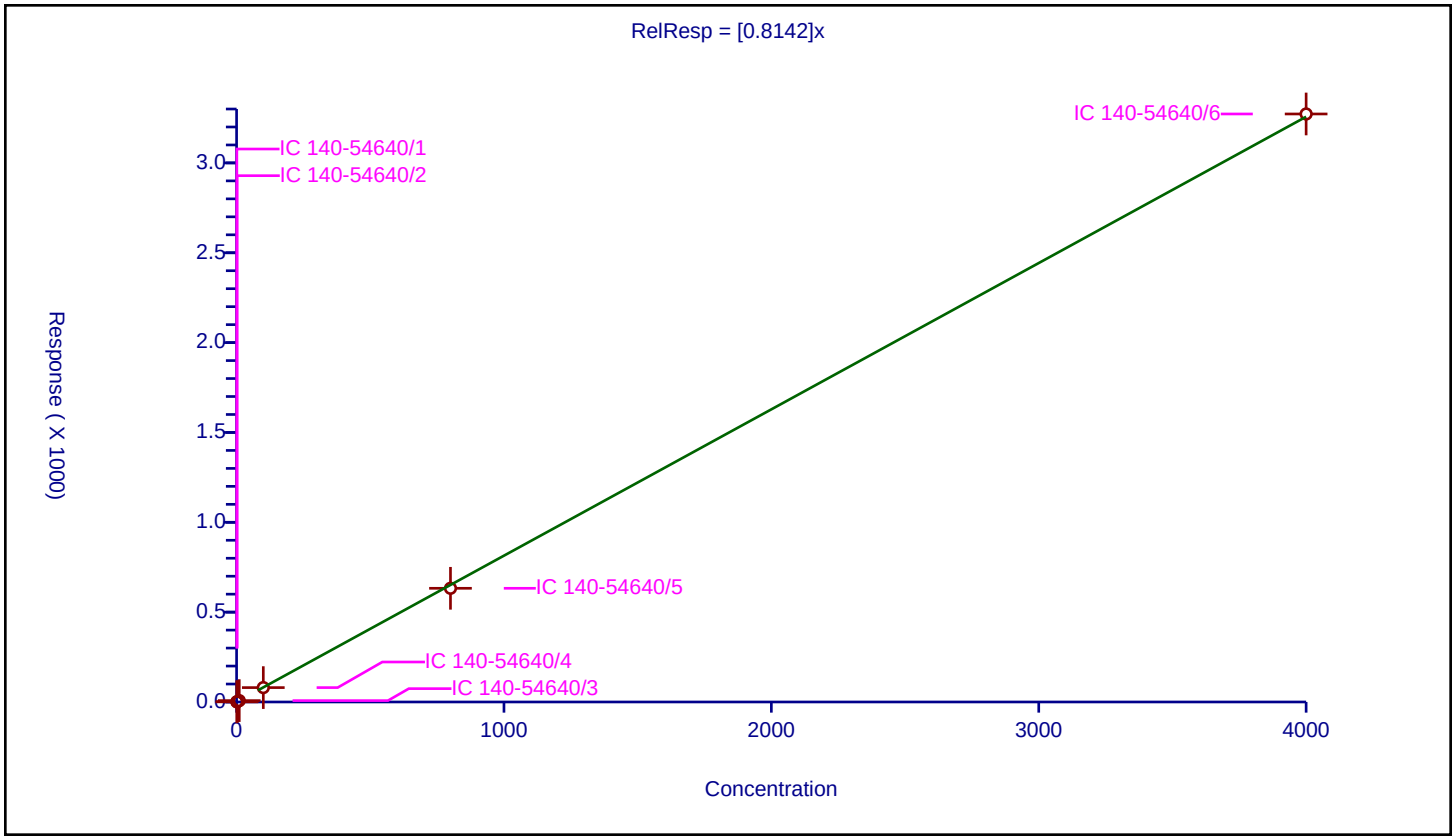
Curve Coefficients

Intercept:	0
Slope:	0.8142

Error Coefficients

Standard Error:	217000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.875198	100.0	15186956.0	0.875198	Y
2	IC 140-54640/2	2.0	1.67507	100.0	15201691.0	0.837535	Y
3	IC 140-54640/3	10.0	7.627256	100.0	15171774.0	0.762726	Y
4	IC 140-54640/4	100.0	80.092303	100.0	14285108.0	0.800923	Y
5	IC 140-54640/5	800.0	632.752885	100.0	14245893.0	0.790941	Y
6	IC 140-54640/6	4000.0	3272.413237	100.0	14562227.0	0.818103	Y



Calibration / PCB-186

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

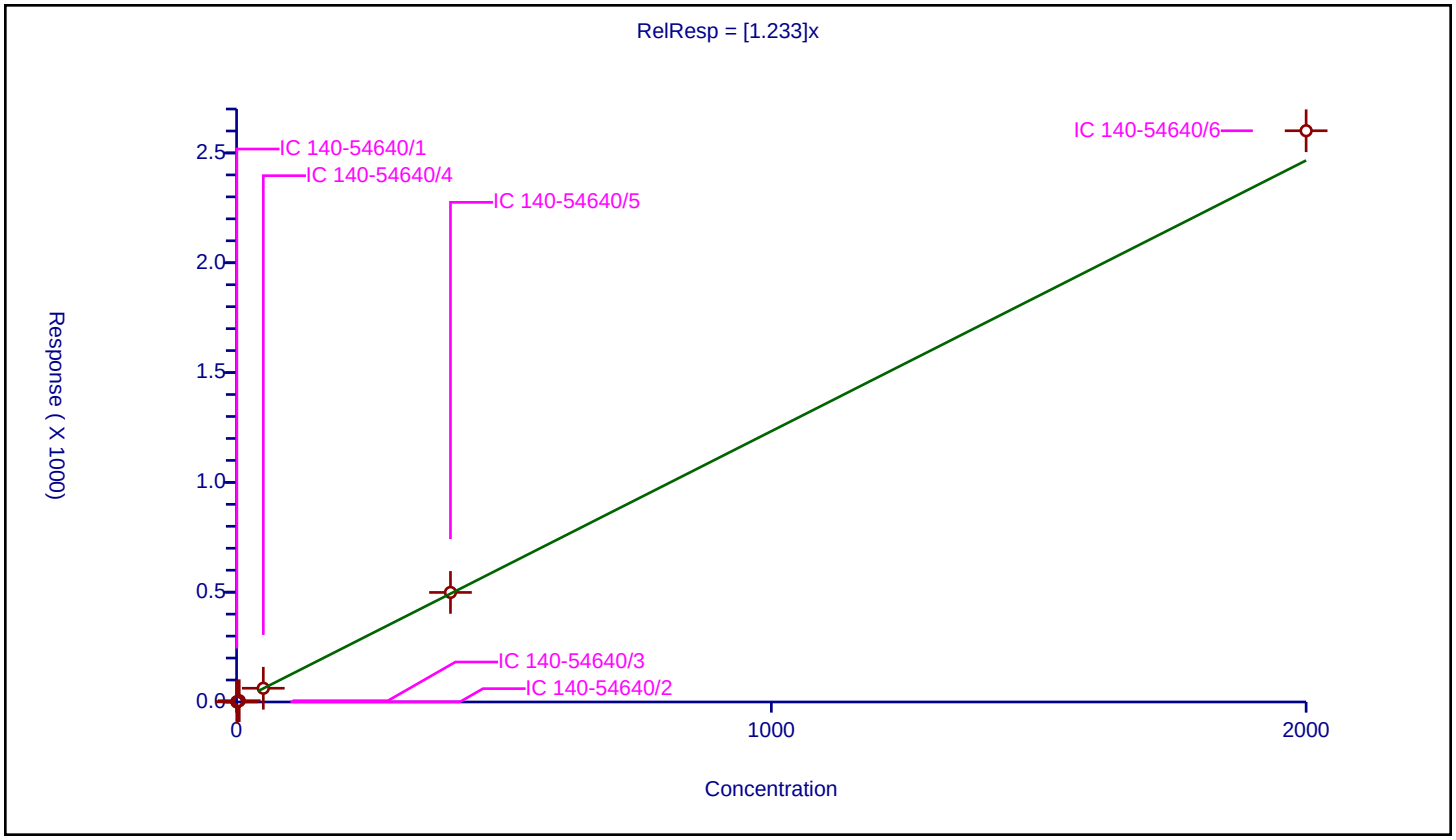
Curve Coefficients

Intercept:	0
Slope:	1.233

Error Coefficients

Standard Error:	172000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.637679	100.0	15186956.0	1.275358	Y
2	IC 140-54640/2	1.0	1.14853	100.0	15201691.0	1.14853	Y
3	IC 140-54640/3	5.0	5.876841	100.0	15171774.0	1.175368	Y
4	IC 140-54640/4	50.0	62.548698	100.0	14285108.0	1.250974	Y
5	IC 140-54640/5	400.0	498.830884	100.0	14245893.0	1.247077	Y
6	IC 140-54640/6	2000.0	2601.053575	100.0	14562227.0	1.300527	Y



Calibration / PCB-187

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

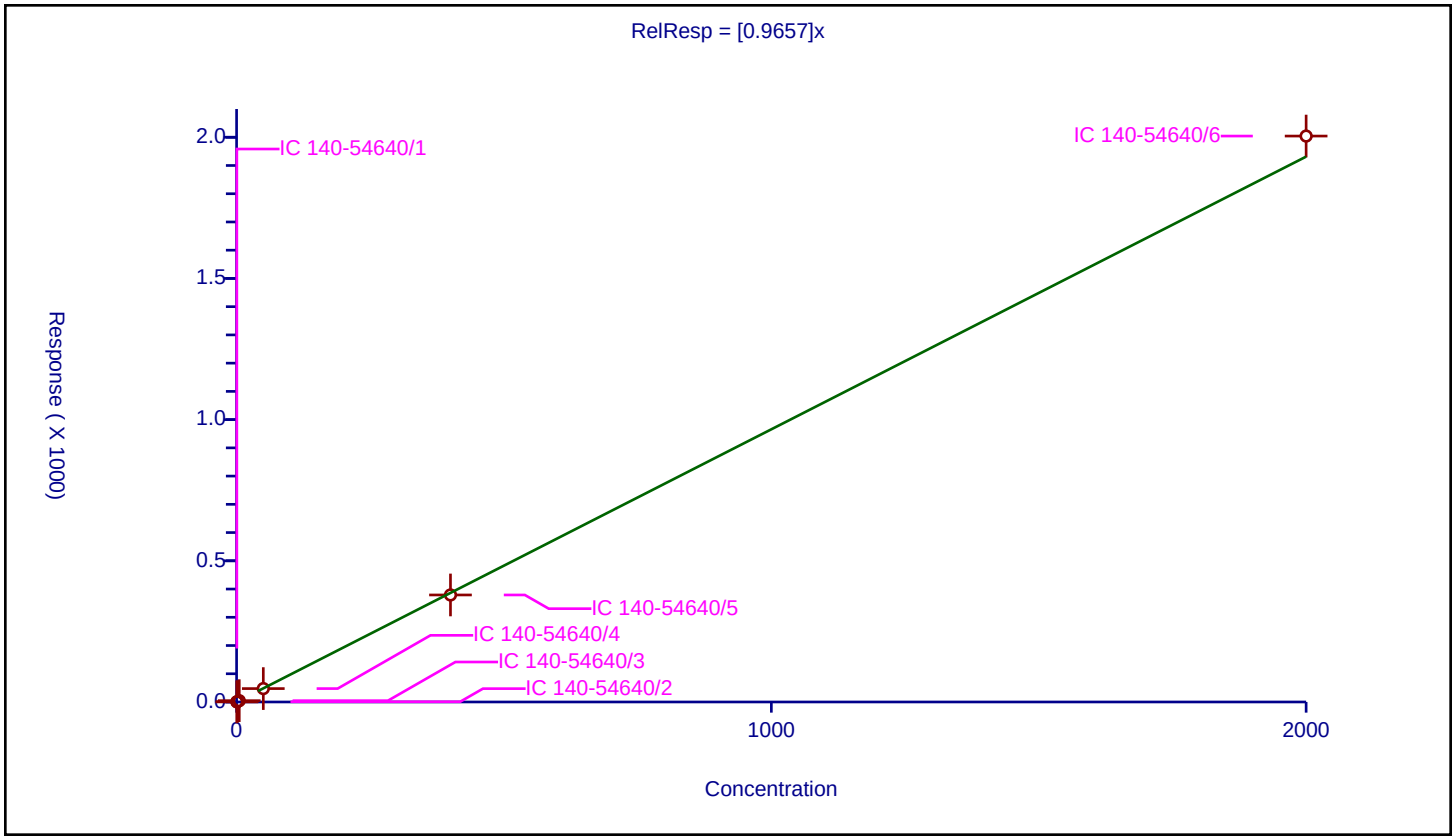
Curve Coefficients

Intercept:	0
Slope:	0.9657

Error Coefficients

Standard Error:	133000000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.511149	100.0	15186956.0	1.022298	Y
2	IC 140-54640/2	1.0	0.939685	100.0	15201691.0	0.939685	Y
3	IC 140-54640/3	5.0	4.666785	100.0	15171774.0	0.933357	Y
4	IC 140-54640/4	50.0	47.448651	100.0	14285108.0	0.948973	Y
5	IC 140-54640/5	400.0	379.058034	100.0	14245893.0	0.947645	Y
6	IC 140-54640/6	2000.0	2004.24159	100.0	14562227.0	1.002121	Y



Calibration / PCB-188

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

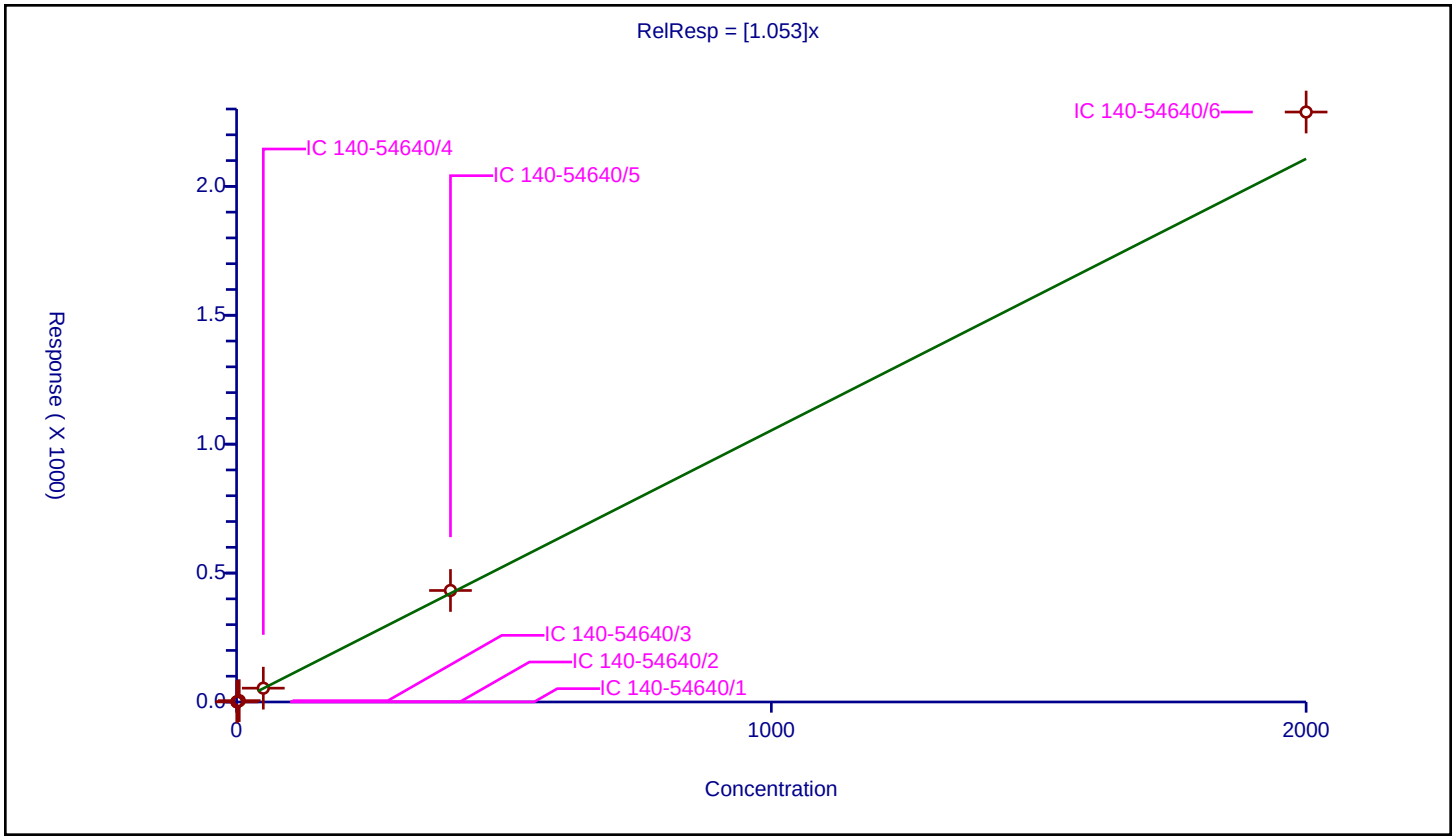
Curve Coefficients

Intercept:	0
Slope:	1.053

Error Coefficients

Standard Error:	152000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.498704	100.0	15186956.0	0.997409	Y
2	IC 140-54640/2	1.0	0.985114	100.0	15201691.0	0.985114	Y
3	IC 140-54640/3	5.0	5.201448	100.0	15171774.0	1.04029	Y
4	IC 140-54640/4	50.0	53.621569	100.0	14285108.0	1.072431	Y
5	IC 140-54640/5	400.0	432.469098	100.0	14245893.0	1.081173	Y
6	IC 140-54640/6	2000.0	2288.354927	100.0	14562227.0	1.144177	Y



Calibration / PCB-189

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

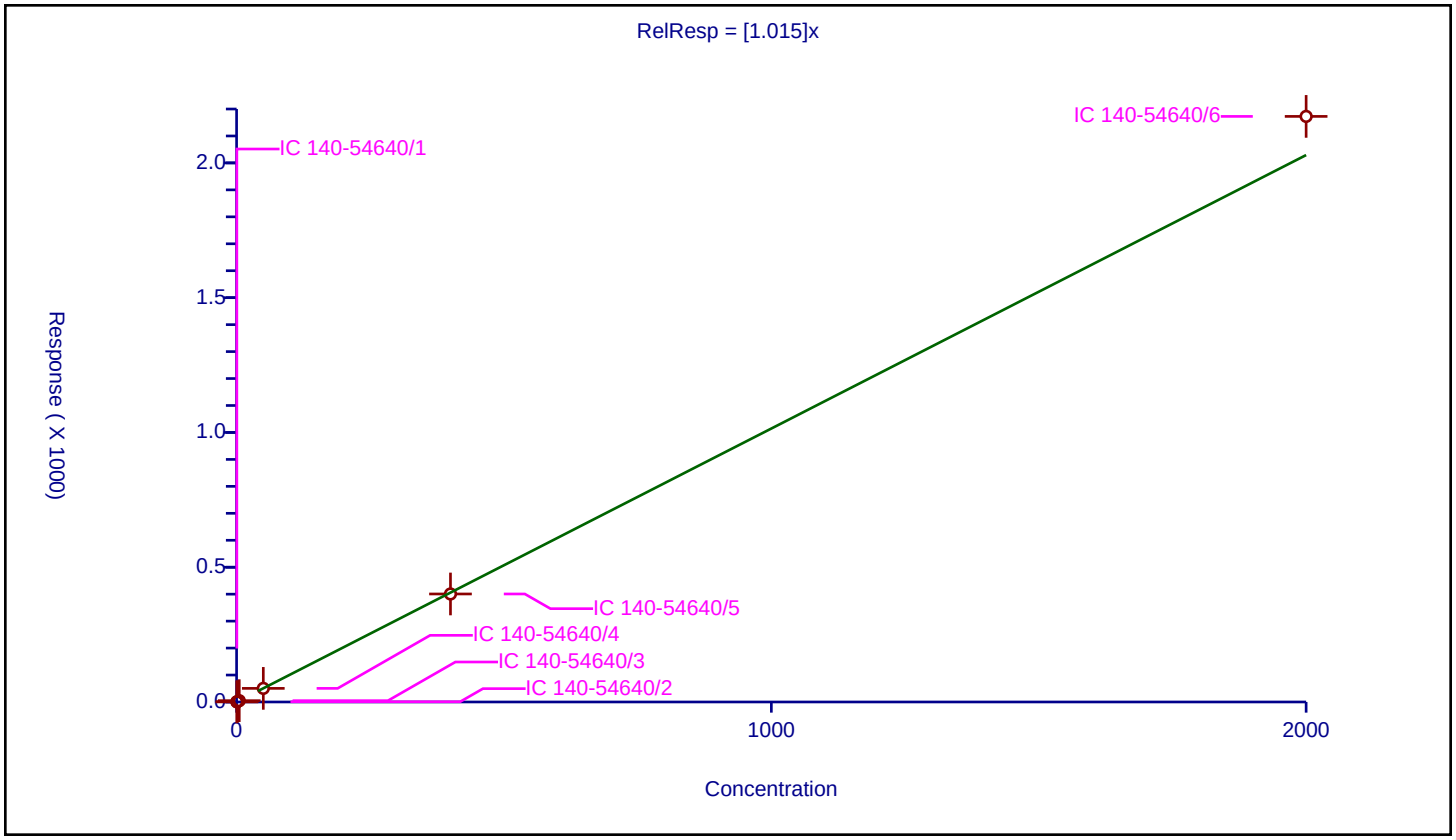
Curve Coefficients

Intercept:	0
Slope:	1.015

Error Coefficients

Standard Error:	223000000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.515512	100.0	21684648.0	1.031024	Y
2	IC 140-54640/2	1.0	0.975991	100.0	23470697.0	0.975991	Y
3	IC 140-54640/3	5.0	4.912249	100.0	23896042.0	0.98245	Y
4	IC 140-54640/4	50.0	50.488151	100.0	22552559.0	1.009763	Y
5	IC 140-54640/5	400.0	400.758384	100.0	22246243.0	1.001896	Y
6	IC 140-54640/6	2000.0	2172.60145	100.0	22613346.0	1.086301	Y



Calibration / PCB-19

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

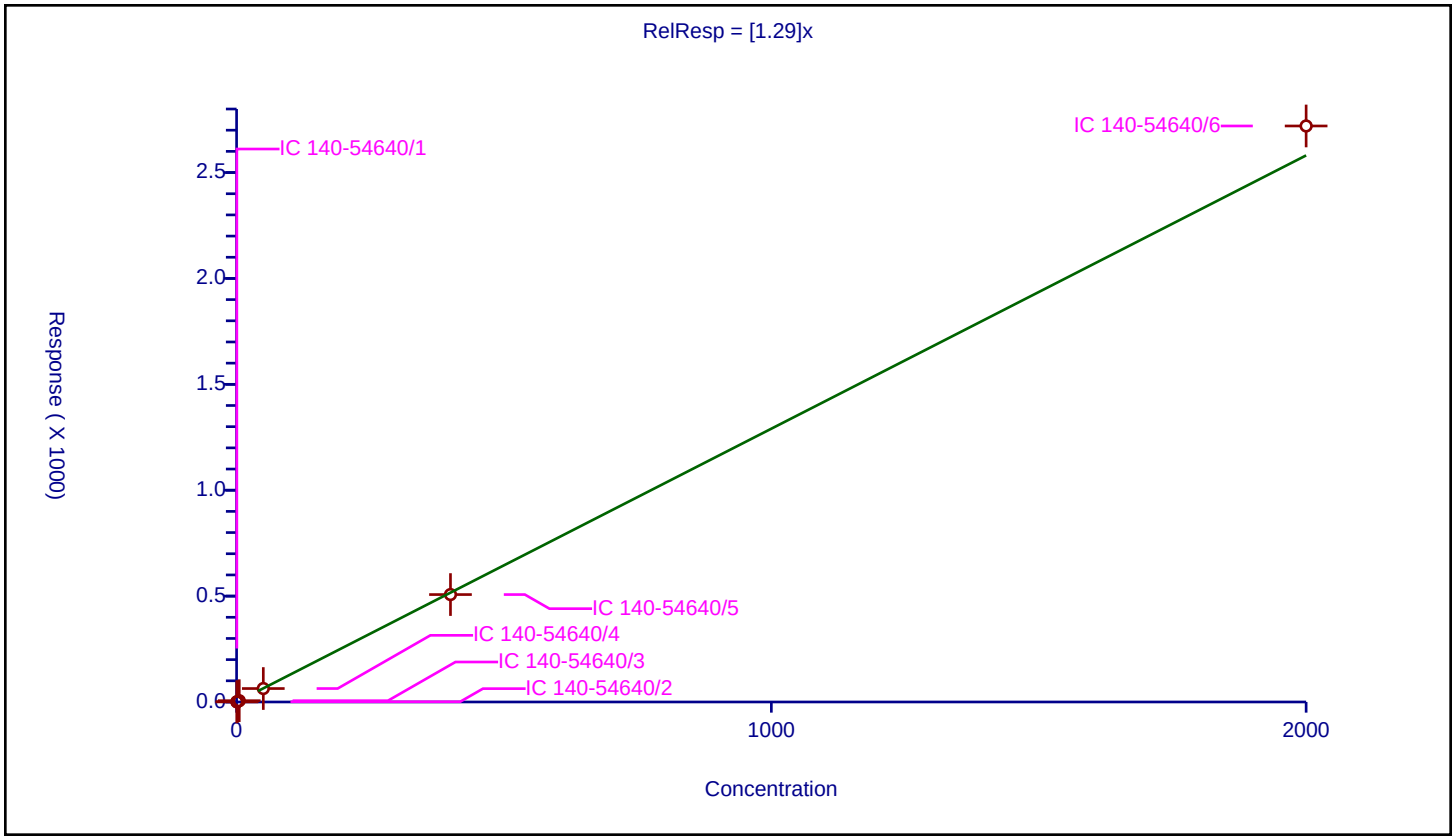
Curve Coefficients

Intercept:	0
Slope:	1.29

Error Coefficients

Standard Error:	105000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.684984	100.0	8681375.0	1.369967	Y
2	IC 140-54640/2	1.0	1.256742	100.0	8746665.0	1.256742	Y
3	IC 140-54640/3	5.0	6.081657	100.0	8795876.0	1.216331	Y
4	IC 140-54640/4	50.0	63.564717	100.0	8452672.0	1.271294	Y
5	IC 140-54640/5	400.0	507.326285	100.0	8350999.0	1.268316	Y
6	IC 140-54640/6	2000.0	2719.906346	100.0	8478261.0	1.359953	Y



Calibration / PCB-190

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

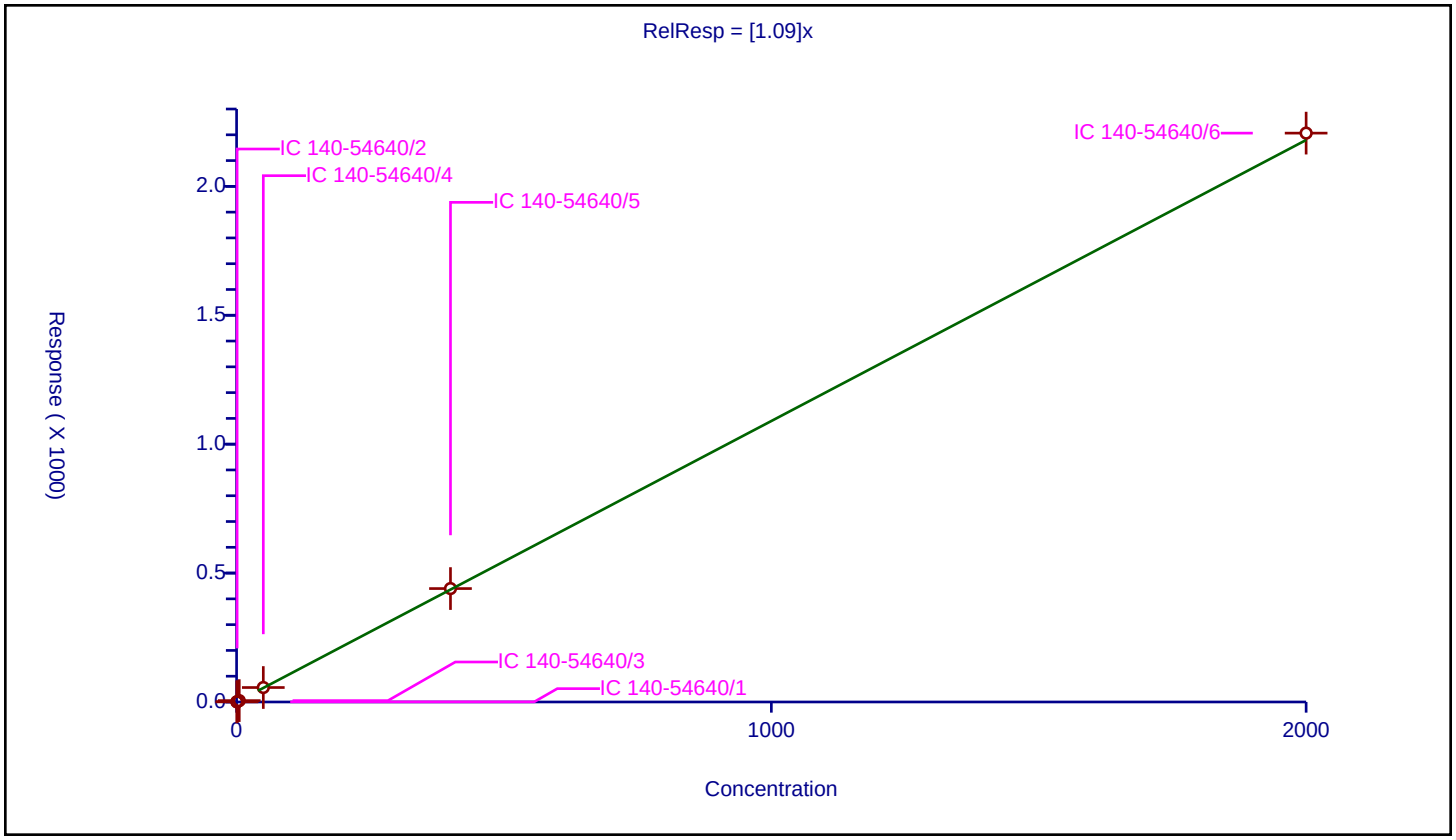
Curve Coefficients

Intercept:	0
Slope:	1.09

Error Coefficients

Standard Error:	146000000
Relative Standard Error:	2.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.530475	100.0	15186956.0	1.06095	Y
2	IC 140-54640/2	1.0	1.097082	100.0	15201691.0	1.097082	Y
3	IC 140-54640/3	5.0	5.277155	100.0	15171774.0	1.055431	Y
4	IC 140-54640/4	50.0	56.122635	100.0	14285108.0	1.122453	Y
5	IC 140-54640/5	400.0	439.954912	100.0	14245893.0	1.099887	Y
6	IC 140-54640/6	2000.0	2206.528294	100.0	14562227.0	1.103264	Y



Calibration / PCB-191

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

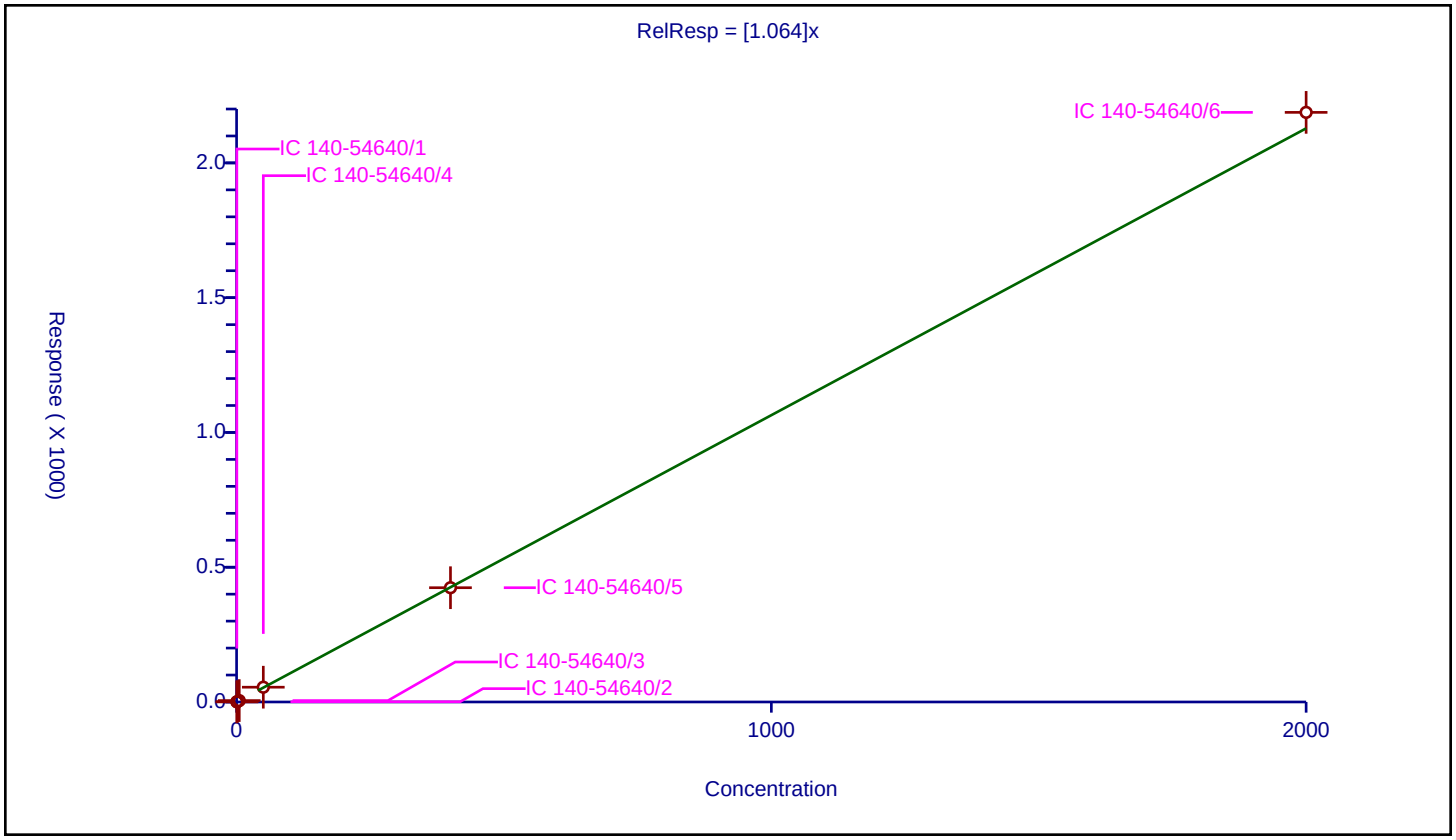
Curve Coefficients

Intercept:	0
Slope:	1.064

Error Coefficients

Standard Error:	145000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.559572	100.0	15186956.0	1.119145	Y
2	IC 140-54640/2	1.0	0.982384	100.0	15201691.0	0.982384	Y
3	IC 140-54640/3	5.0	5.163437	100.0	15171774.0	1.032687	Y
4	IC 140-54640/4	50.0	54.82177	100.0	14285108.0	1.096435	Y
5	IC 140-54640/5	400.0	423.982435	100.0	14245893.0	1.059956	Y
6	IC 140-54640/6	2000.0	2187.539248	100.0	14562227.0	1.09377	Y



Calibration / PCB-192

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

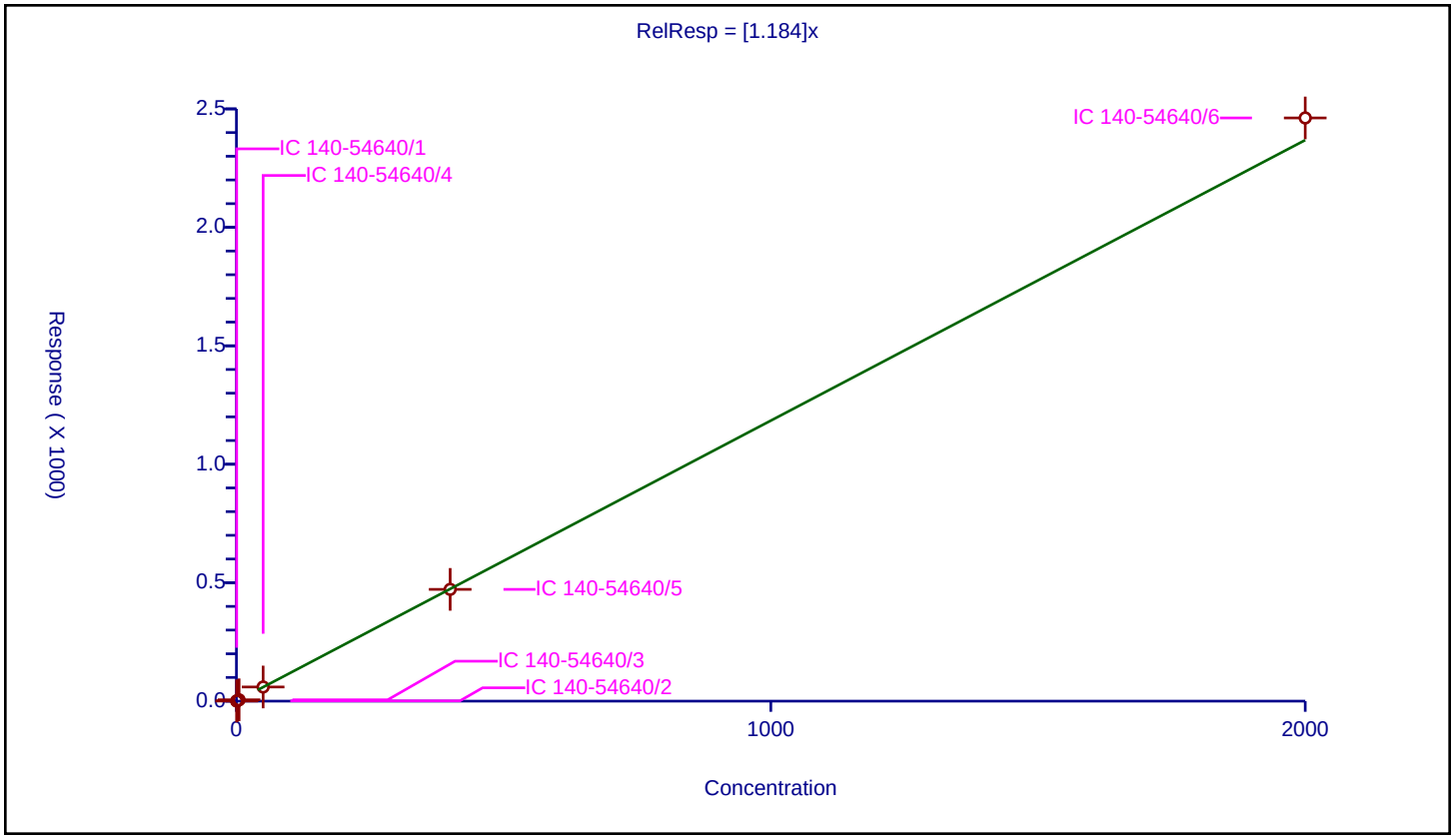
Curve Coefficients

Intercept:	0
Slope:	1.184

Error Coefficients

Standard Error:	163000000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.610063	100.0	15186956.0	1.220126	Y
2	IC 140-54640/2	1.0	1.146083	100.0	15201691.0	1.146083	Y
3	IC 140-54640/3	5.0	5.668157	100.0	15171774.0	1.133631	Y
4	IC 140-54640/4	50.0	59.730616	100.0	14285108.0	1.194612	Y
5	IC 140-54640/5	400.0	471.775901	100.0	14245893.0	1.17944	Y
6	IC 140-54640/6	2000.0	2461.73336	100.0	14562227.0	1.230867	Y



Calibration / PCB-193

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

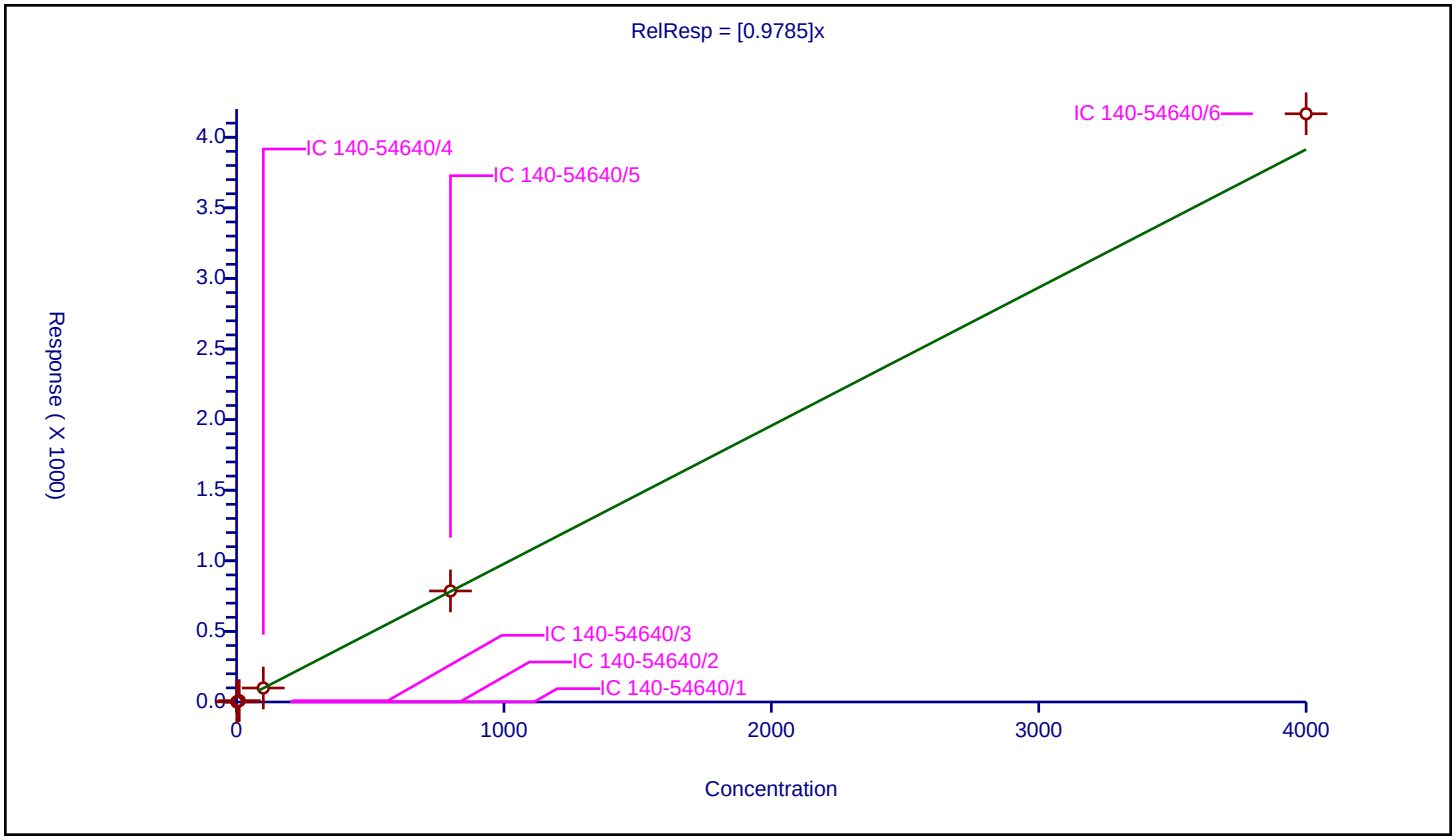
Curve Coefficients

Intercept:	0
Slope:	0.9785

Error Coefficients

Standard Error:	276000000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.967113	100.0	15186956.0	0.967113	Y
2	IC 140-54640/2	2.0	1.875252	100.0	15201691.0	0.937626	Y
3	IC 140-54640/3	10.0	9.501868	100.0	15171774.0	0.950187	Y
4	IC 140-54640/4	100.0	99.128624	100.0	14285108.0	0.991286	Y
5	IC 140-54640/5	800.0	786.443735	100.0	14245893.0	0.983055	Y
6	IC 140-54640/6	4000.0	4166.385018	100.0	14562227.0	1.041596	Y



Calibration / PCB-194

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

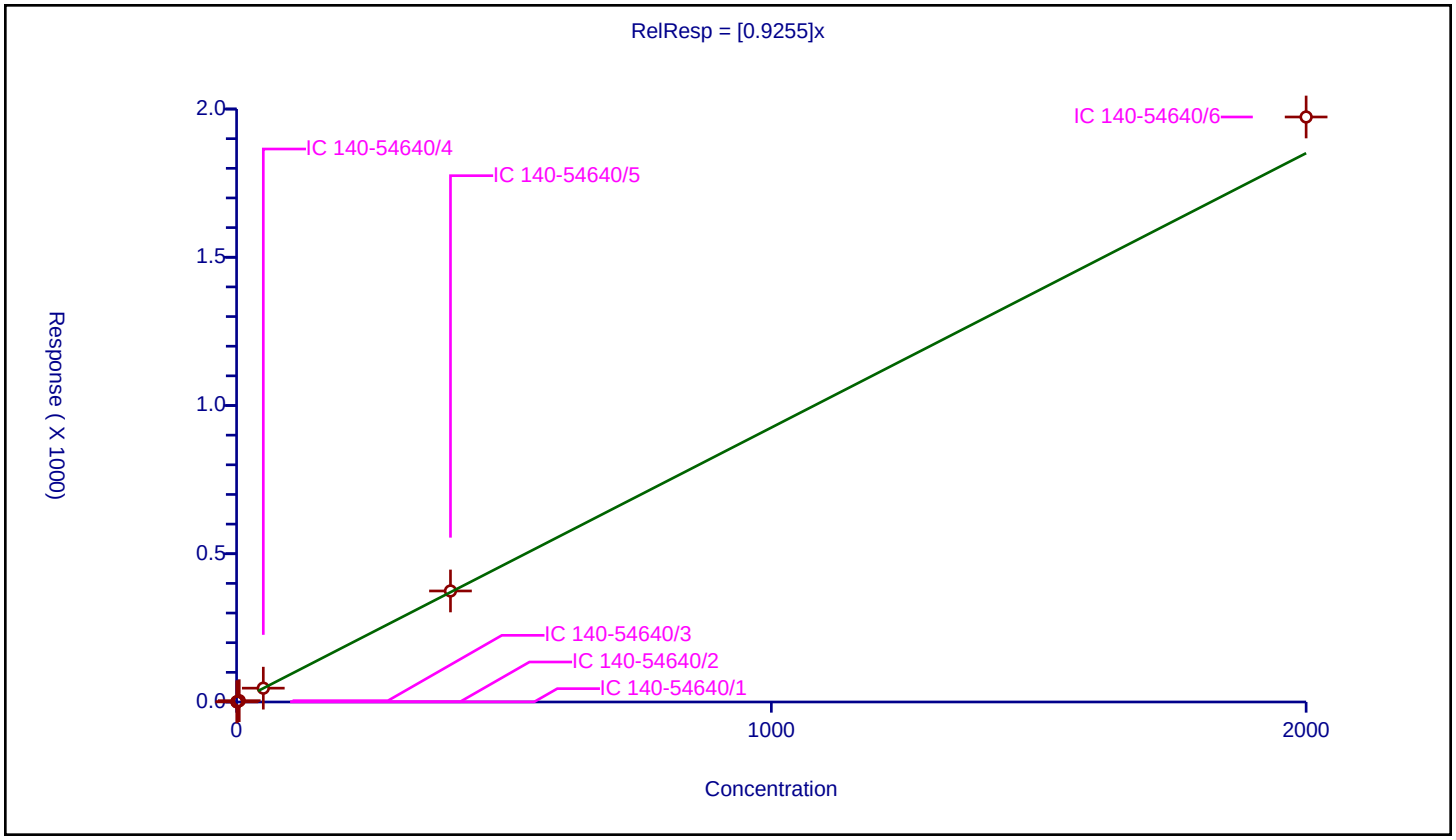
Curve Coefficients

Intercept:	0
Slope:	0.9255

Error Coefficients

Standard Error:	162000000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.454894	100.0	19329990.0	0.909788	Y
2	IC 140-54640/2	1.0	0.894252	100.0	19275891.0	0.894252	Y
3	IC 140-54640/3	5.0	4.468542	100.0	19564032.0	0.893708	Y
4	IC 140-54640/4	50.0	46.634679	100.0	18526434.0	0.932694	Y
5	IC 140-54640/5	400.0	374.517213	100.0	17991792.0	0.936293	Y
6	IC 140-54640/6	2000.0	1973.065418	100.0	17996574.0	0.986533	Y



Calibration / PCB-195

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

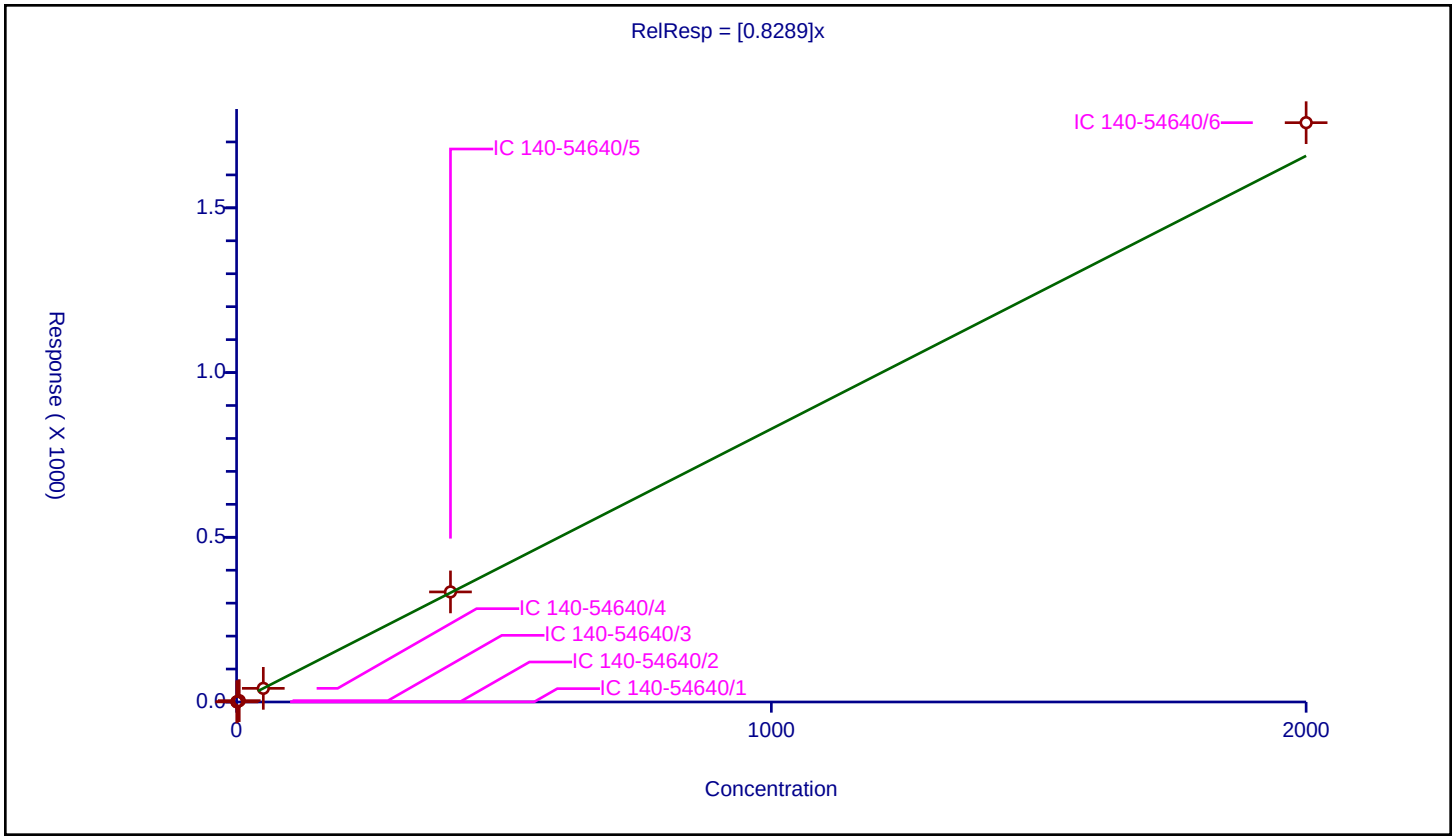
Curve Coefficients

Intercept:	0
Slope:	0.8289

Error Coefficients

Standard Error:	144000000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.408226	100.0	19329990.0	0.816452	Y
2	IC 140-54640/2	1.0	0.804648	100.0	19275891.0	0.804648	Y
3	IC 140-54640/3	5.0	4.051322	100.0	19564032.0	0.810264	Y
4	IC 140-54640/4	50.0	41.382502	100.0	18526434.0	0.82765	Y
5	IC 140-54640/5	400.0	334.106903	100.0	17991792.0	0.835267	Y
6	IC 140-54640/6	2000.0	1758.586929	100.0	17996574.0	0.879293	Y



Calibration / PCB-196

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

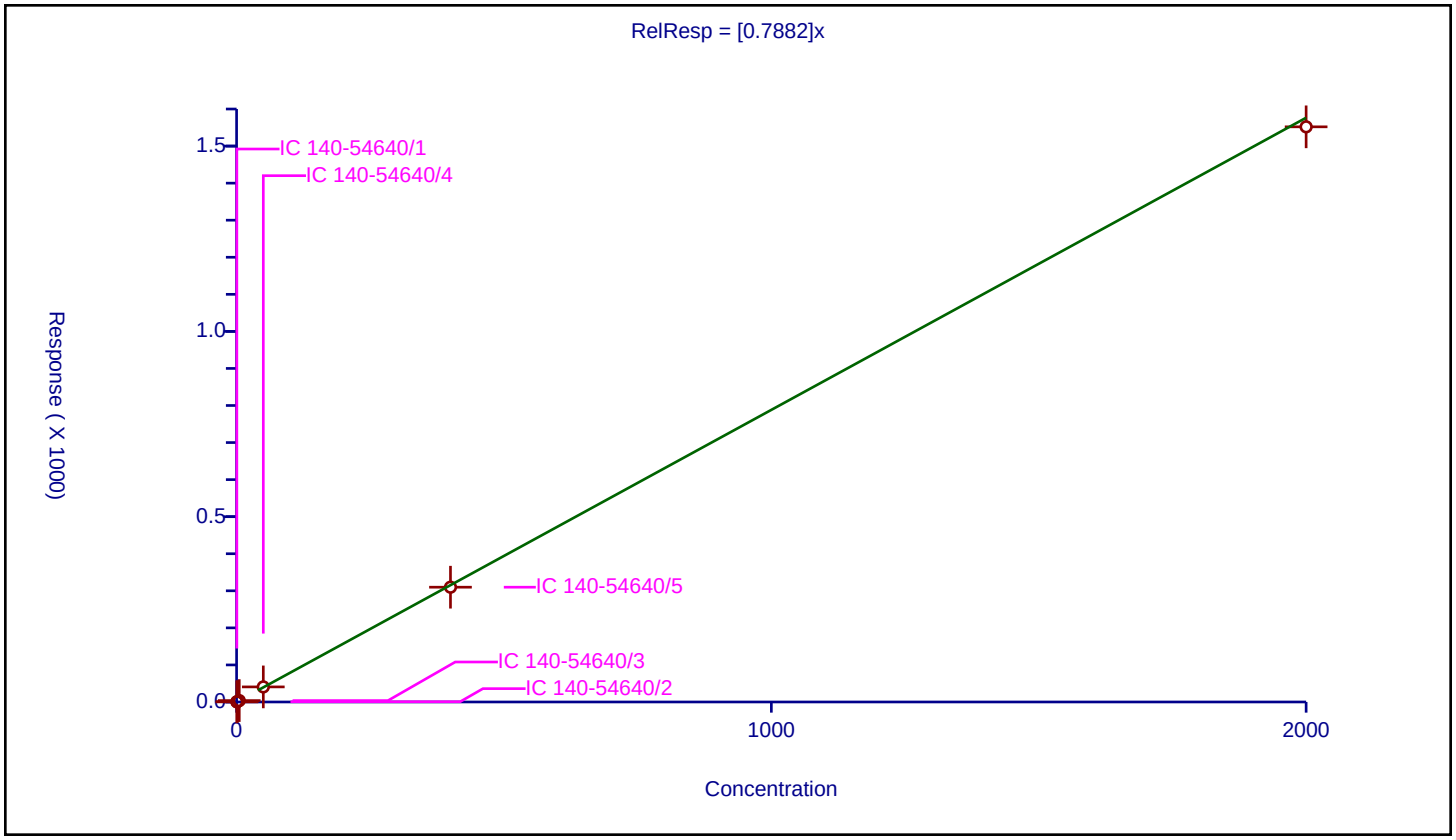
Curve Coefficients

Intercept:	0
Slope:	0.7882

Error Coefficients

Standard Error:	84400000
Relative Standard Error:	4.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.423509	100.0	12566907.0	0.847018	Y
2	IC 140-54640/2	1.0	0.761738	100.0	12550908.0	0.761738	Y
3	IC 140-54640/3	5.0	3.783466	100.0	12599426.0	0.756693	Y
4	IC 140-54640/4	50.0	40.671207	100.0	11613233.0	0.813424	Y
5	IC 140-54640/5	400.0	309.7249	100.0	11826600.0	0.774312	Y
6	IC 140-54640/6	2000.0	1551.920907	100.0	11924029.0	0.77596	Y



Calibration / PCB-197

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

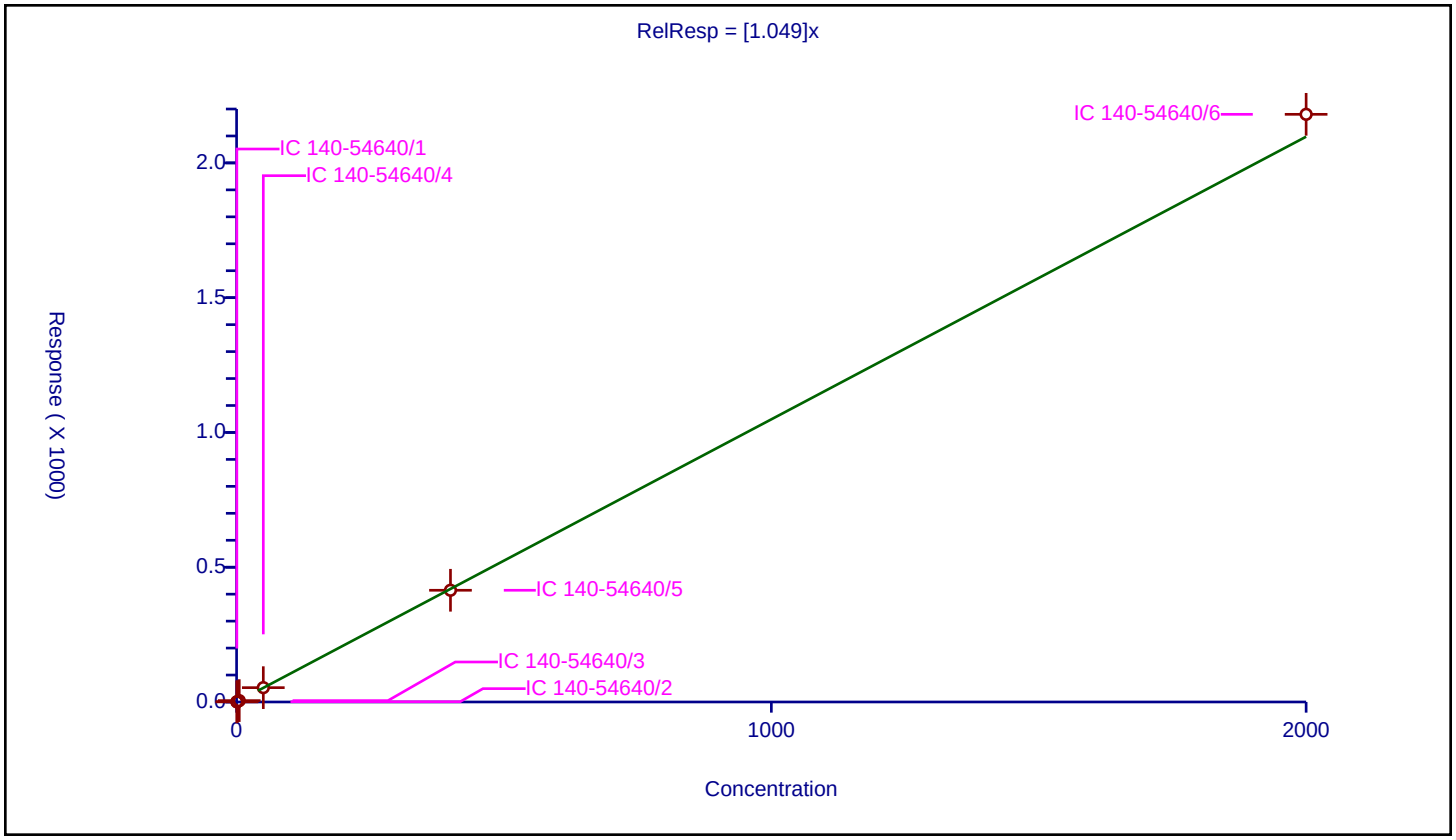
Curve Coefficients

Intercept:	0
Slope:	1.049

Error Coefficients

Standard Error:	118000000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.539695	100.0	12566907.0	1.07939	Y
2	IC 140-54640/2	1.0	1.001792	100.0	12550908.0	1.001792	Y
3	IC 140-54640/3	5.0	5.101701	100.0	12599426.0	1.02034	Y
4	IC 140-54640/4	50.0	53.207828	100.0	11613233.0	1.064157	Y
5	IC 140-54640/5	400.0	414.474329	100.0	11826600.0	1.036186	Y
6	IC 140-54640/6	2000.0	2180.297197	100.0	11924029.0	1.090149	Y



Calibration / PCB-198

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

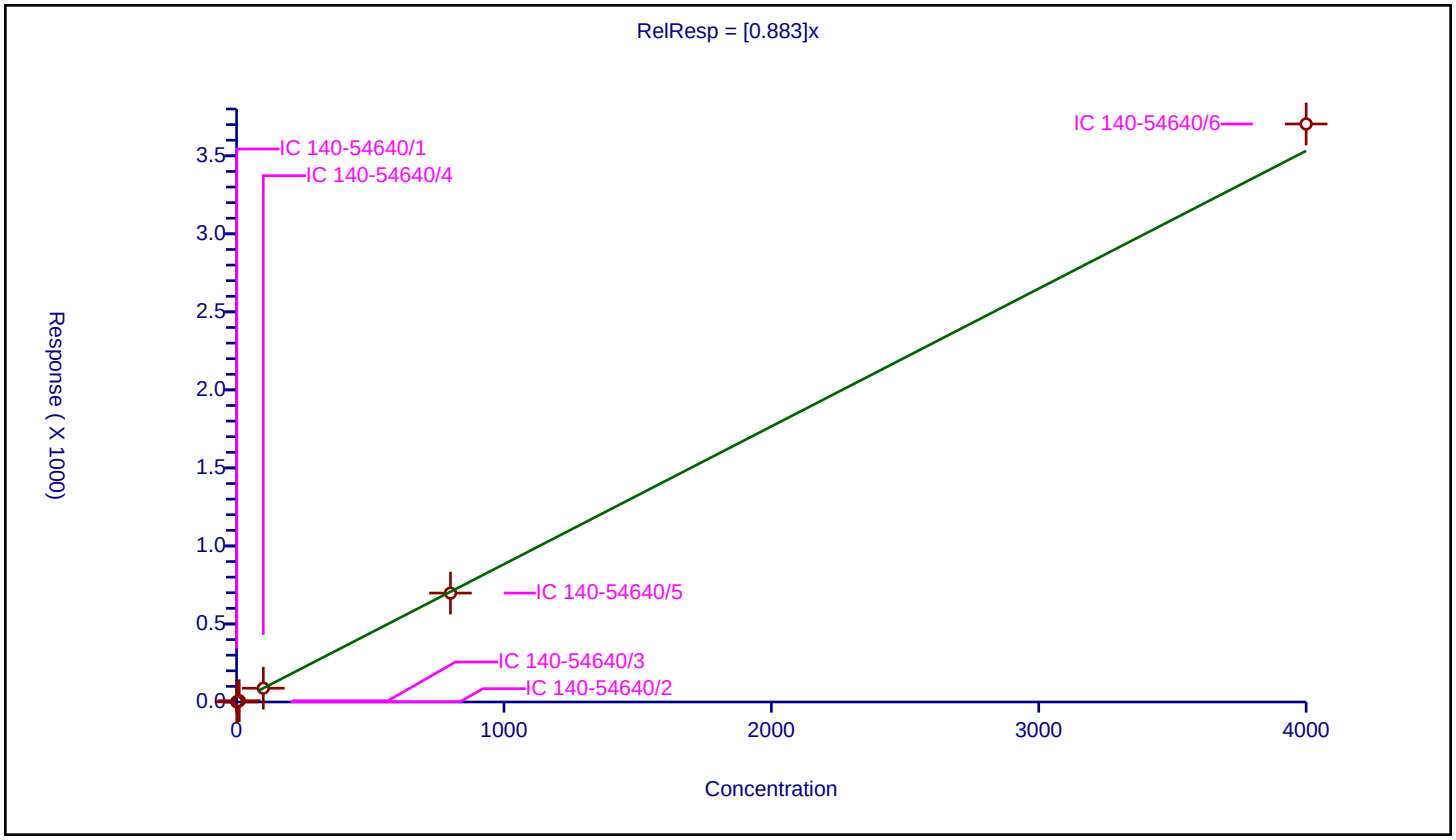
Curve Coefficients

Intercept:	0
Slope:	0.883

Error Coefficients

Standard Error:	201000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.929107	100.0	12566907.0	0.929107	Y
2	IC 140-54640/2	2.0	1.745898	100.0	12550908.0	0.872949	Y
3	IC 140-54640/3	10.0	8.141117	100.0	12599426.0	0.814112	Y
4	IC 140-54640/4	100.0	88.341765	100.0	11613233.0	0.883418	Y
5	IC 140-54640/5	800.0	697.913965	100.0	11826600.0	0.872392	Y
6	IC 140-54640/6	4000.0	3704.058226	100.0	11924029.0	0.926015	Y



Calibration / PCB-198/199

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

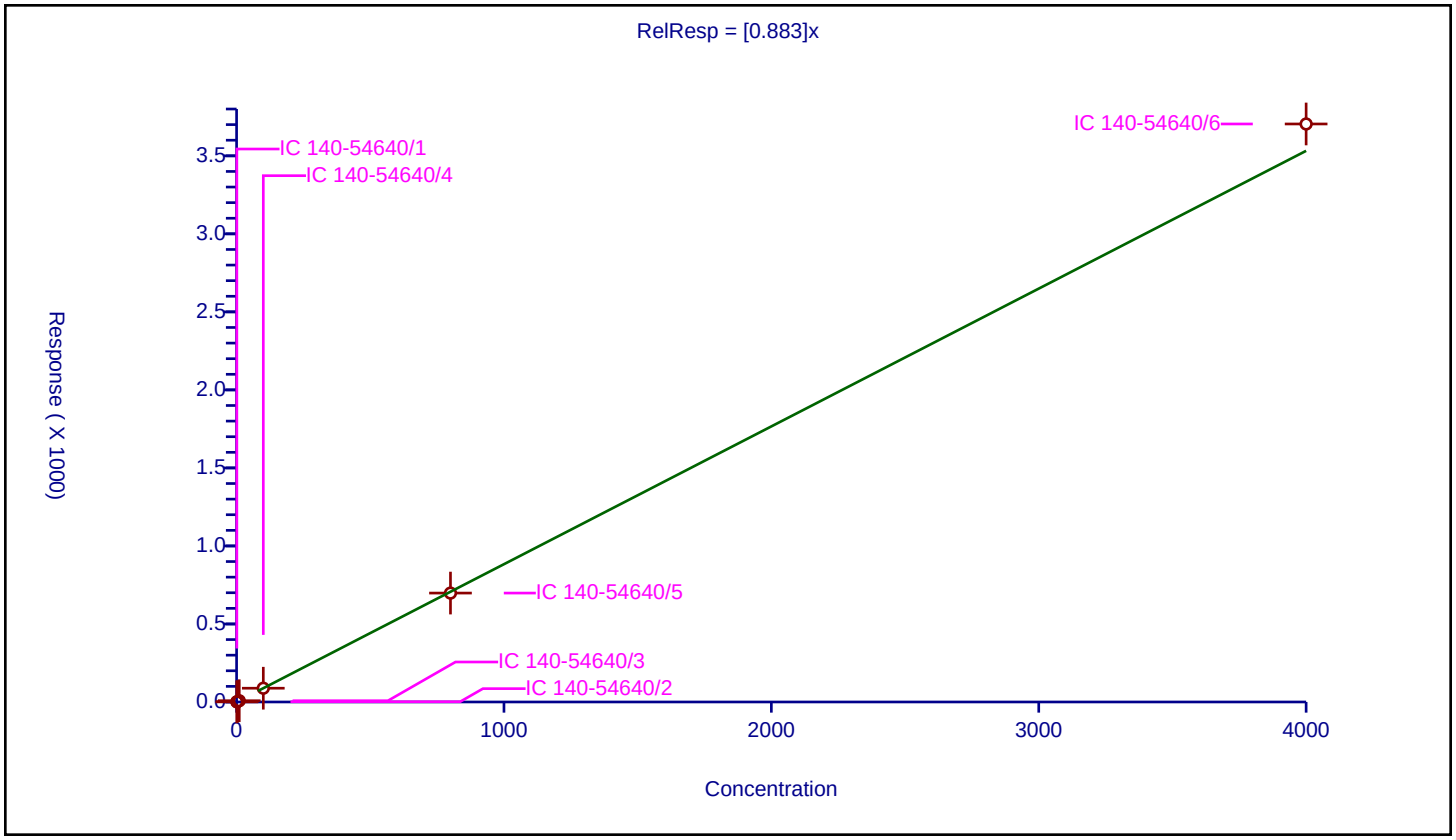
Curve Coefficients

Intercept:	0
Slope:	0.883

Error Coefficients

Standard Error:	201000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.929107	100.0	12566907.0	0.929107	Y
2	IC 140-54640/2	2.0	1.745898	100.0	12550908.0	0.872949	Y
3	IC 140-54640/3	10.0	8.141117	100.0	12599426.0	0.814112	Y
4	IC 140-54640/4	100.0	88.341765	100.0	11613233.0	0.883418	Y
5	IC 140-54640/5	800.0	697.913965	100.0	11826600.0	0.872392	Y
6	IC 140-54640/6	4000.0	3704.058226	100.0	11924029.0	0.926015	Y



Calibration / PCB-199

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

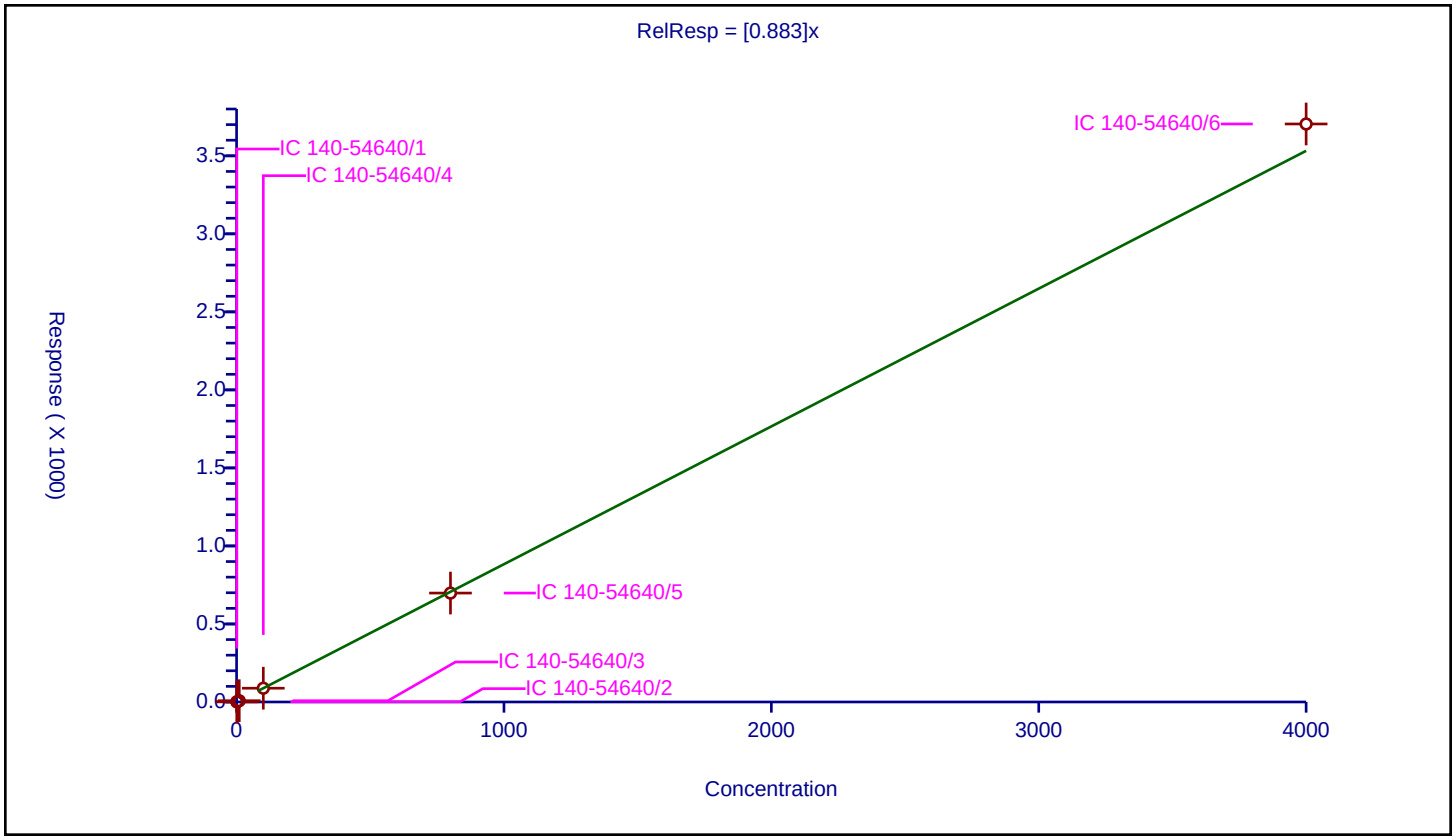
Curve Coefficients

Intercept:	0
Slope:	0.883

Error Coefficients

Standard Error:	201000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.929107	100.0	12566907.0	0.929107	Y
2	IC 140-54640/2	2.0	1.745898	100.0	12550908.0	0.872949	Y
3	IC 140-54640/3	10.0	8.141117	100.0	12599426.0	0.814112	Y
4	IC 140-54640/4	100.0	88.341765	100.0	11613233.0	0.883418	Y
5	IC 140-54640/5	800.0	697.913965	100.0	11826600.0	0.872392	Y
6	IC 140-54640/6	4000.0	3704.058226	100.0	11924029.0	0.926015	Y



Calibration / PCB-2

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

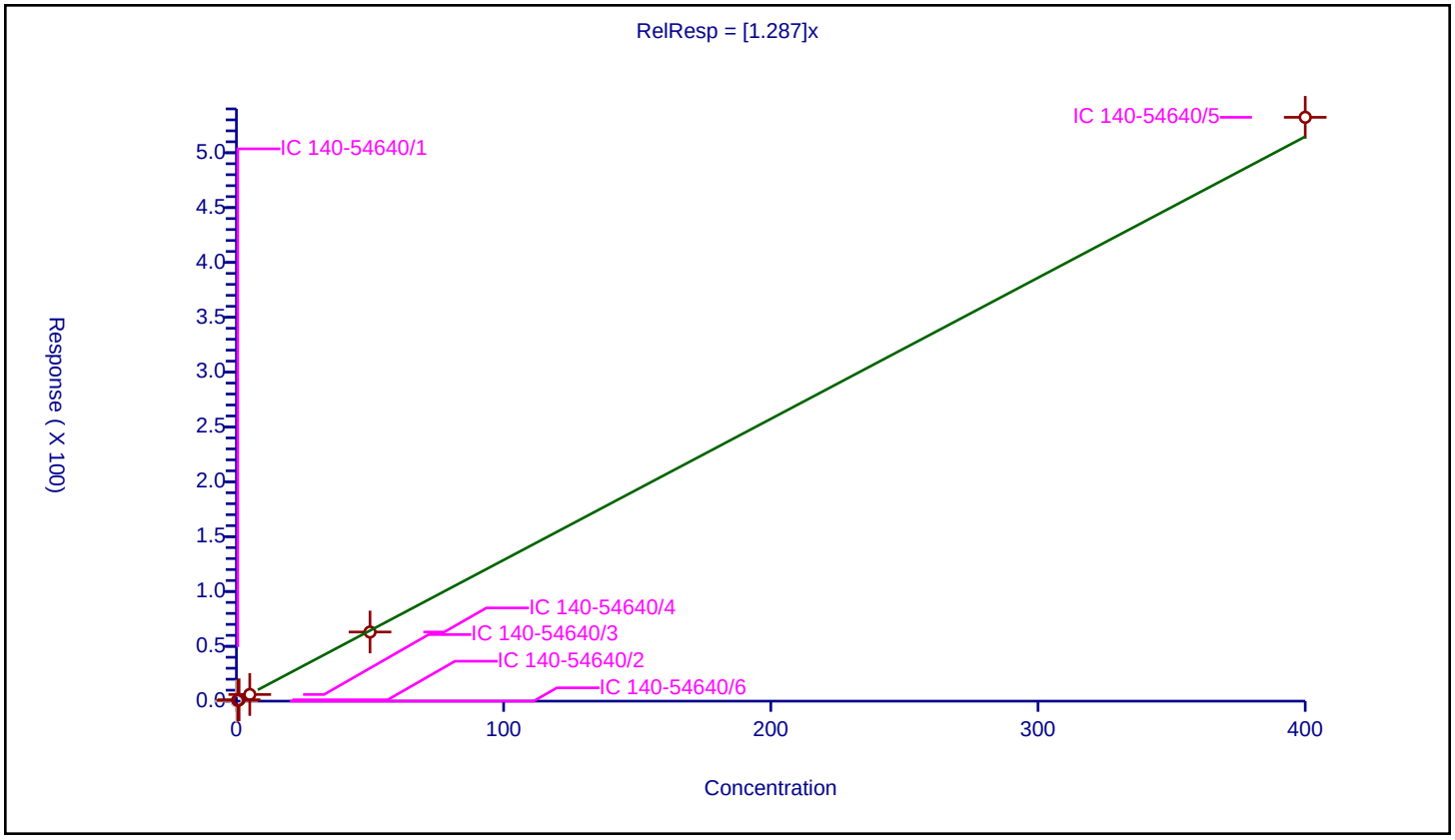
Curve Coefficients

Intercept:	0
Slope:	1.287

Error Coefficients

Standard Error:	70900000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/6	0.0	0.0	100.0	27222800.0	NaN	N
2	IC 140-54640/1	0.5	0.693761	100.0	26659039.0	1.387522	Y
3	IC 140-54640/2	1.0	1.244229	100.0	28359481.0	1.244229	Y
4	IC 140-54640/3	5.0	6.053461	100.0	27821107.0	1.210692	Y
5	IC 140-54640/4	50.0	63.030832	100.0	27085971.0	1.260617	Y
6	IC 140-54640/5	400.0	532.334862	100.0	26432261.0	1.330837	Y



Calibration / PCB-20

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

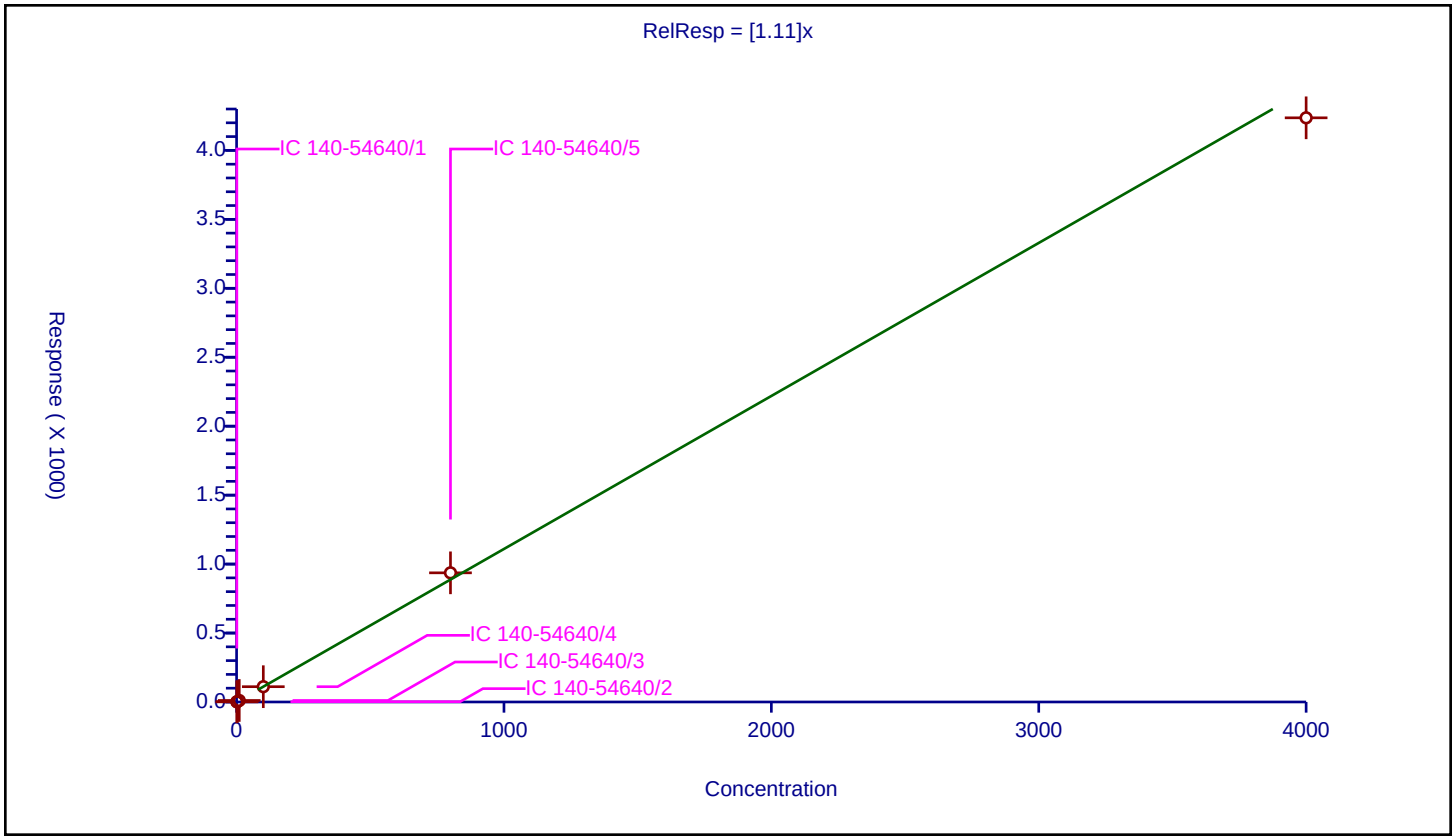
Curve Coefficients

Intercept:	0
Slope:	1.11

Error Coefficients

Standard Error:	545000000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.134982	100.0	27525555.0	1.134982	Y
2	IC 140-54640/2	2.0	2.185389	100.0	27891102.0	1.092694	Y
3	IC 140-54640/3	10.0	10.907266	100.0	27991176.0	1.090727	Y
4	IC 140-54640/4	100.0	110.939277	100.0	27183331.0	1.109393	Y
5	IC 140-54640/5	800.0	936.527067	100.0	27531370.0	1.170659	Y
6	IC 140-54640/6	4000.0	4236.113116	100.0	28084685.0	1.059028	Y



Calibration / PCB-20/28

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

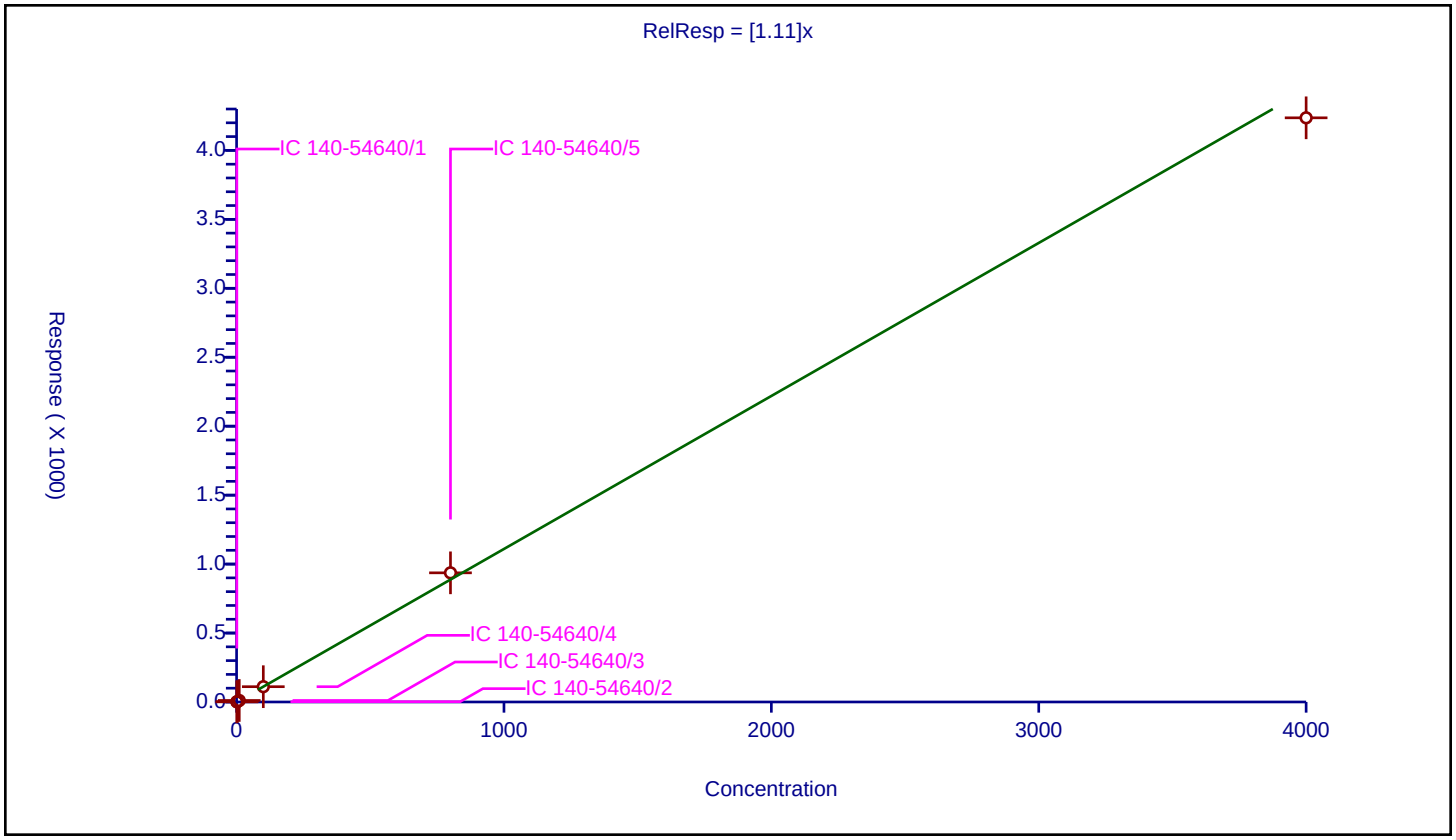
Curve Coefficients

Intercept:	0
Slope:	1.11

Error Coefficients

Standard Error:	545000000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.134982	100.0	27525555.0	1.134982	Y
2	IC 140-54640/2	2.0	2.185389	100.0	27891102.0	1.092694	Y
3	IC 140-54640/3	10.0	10.907266	100.0	27991176.0	1.090727	Y
4	IC 140-54640/4	100.0	110.939277	100.0	27183331.0	1.109393	Y
5	IC 140-54640/5	800.0	936.527067	100.0	27531370.0	1.170659	Y
6	IC 140-54640/6	4000.0	4236.113116	100.0	28084685.0	1.059028	Y



Calibration / PCB-200

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

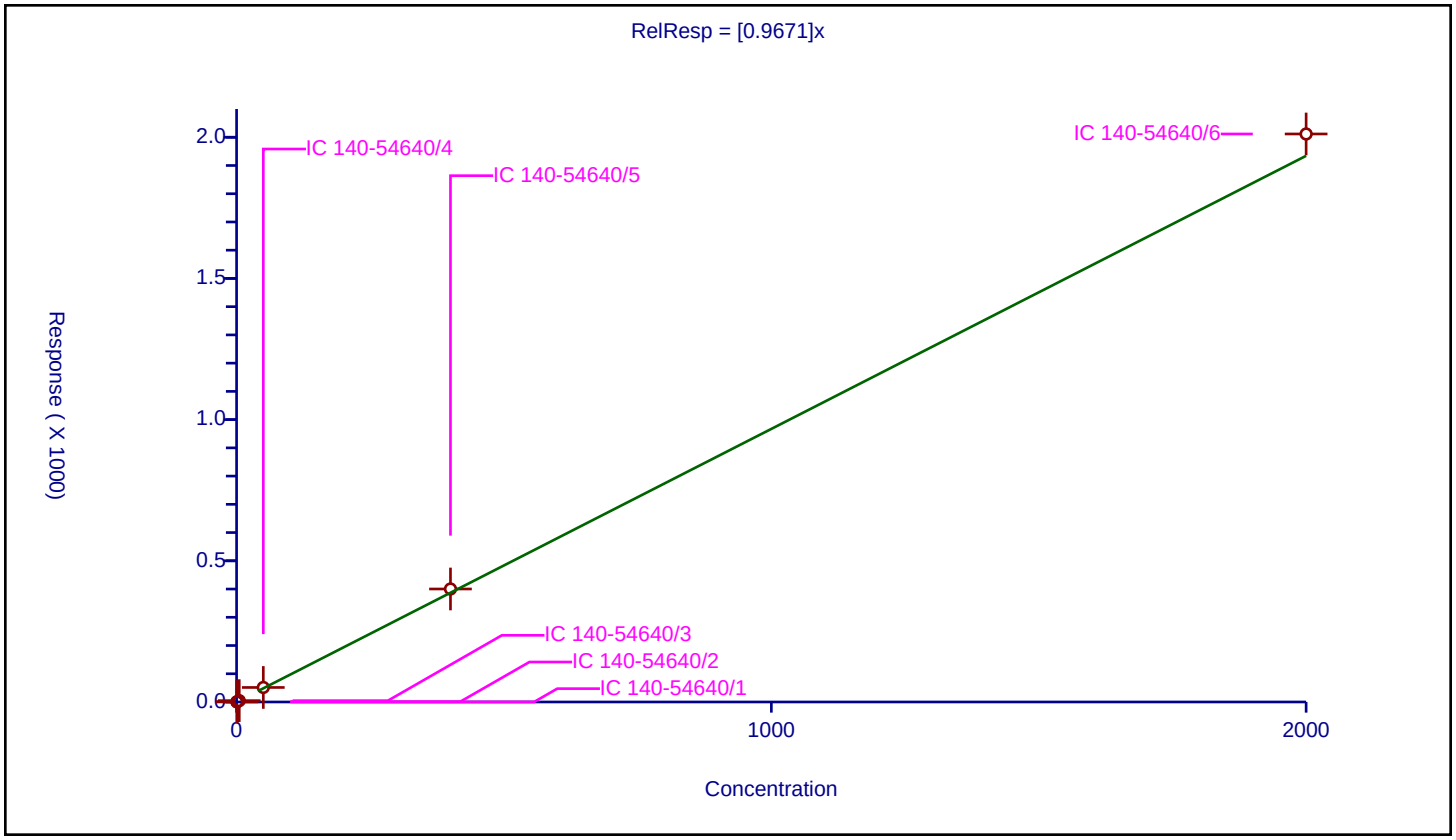
Curve Coefficients

Intercept:	0
Slope:	0.9671

Error Coefficients

Standard Error:	109000000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.451973	100.0	12566907.0	0.903946	Y
2	IC 140-54640/2	1.0	0.915304	100.0	12550908.0	0.915304	Y
3	IC 140-54640/3	5.0	4.74351	100.0	12599426.0	0.948702	Y
4	IC 140-54640/4	50.0	51.423742	100.0	11613233.0	1.028475	Y
5	IC 140-54640/5	400.0	400.196853	100.0	11826600.0	1.000492	Y
6	IC 140-54640/6	2000.0	2011.586663	100.0	11924029.0	1.005793	Y



Calibration / PCB-201

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

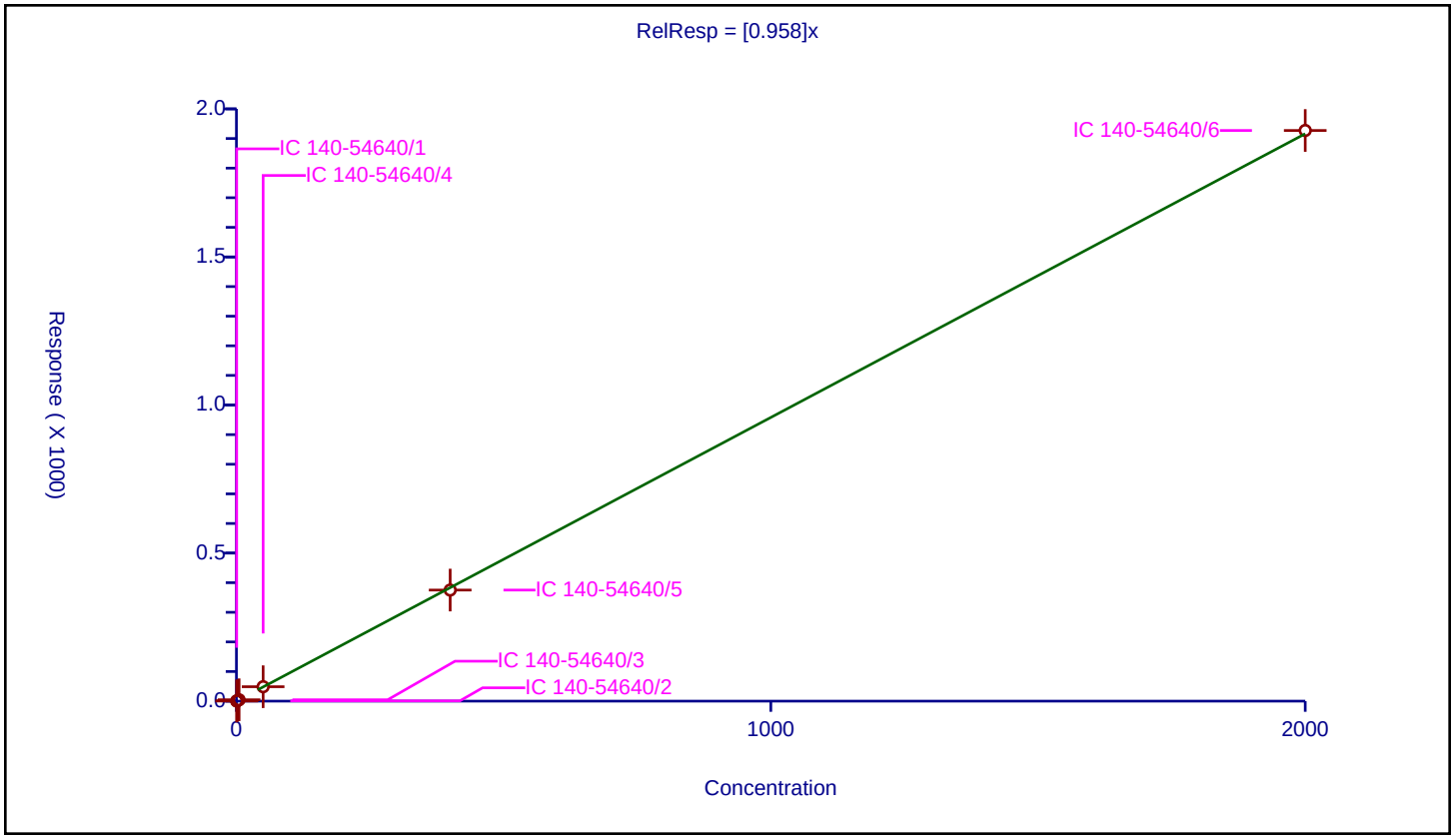
Curve Coefficients

Intercept:	0
Slope:	0.958

Error Coefficients

Standard Error:	105000000
Relative Standard Error:	2.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.49846	100.0	12566907.0	0.99692	Y
2	IC 140-54640/2	1.0	0.954353	100.0	12550908.0	0.954353	Y
3	IC 140-54640/3	5.0	4.603813	100.0	12599426.0	0.920763	Y
4	IC 140-54640/4	50.0	48.737772	100.0	11613233.0	0.974755	Y
5	IC 140-54640/5	400.0	375.101272	100.0	11826600.0	0.937753	Y
6	IC 140-54640/6	2000.0	1927.075957	100.0	11924029.0	0.963538	Y



Calibration / PCB-202

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

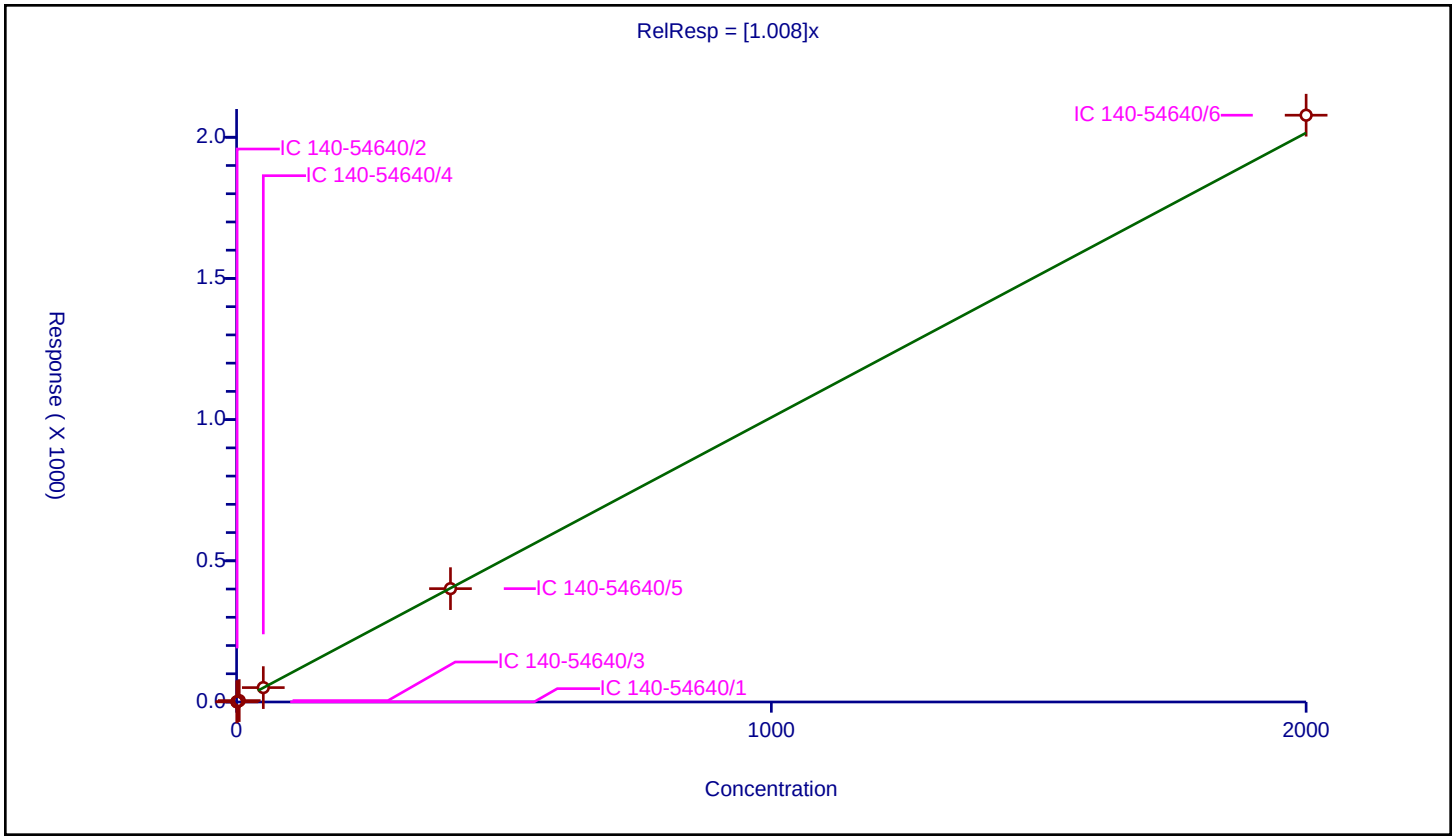
Curve Coefficients

Intercept:	0
Slope:	1.008

Error Coefficients

Standard Error:	113000000
Relative Standard Error:	2.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.483572	100.0	12566907.0	0.967143	Y
2	IC 140-54640/2	1.0	1.024882	100.0	12550908.0	1.024882	Y
3	IC 140-54640/3	5.0	4.964218	100.0	12599426.0	0.992844	Y
4	IC 140-54640/4	50.0	50.960168	100.0	11613233.0	1.019203	Y
5	IC 140-54640/5	400.0	401.416282	100.0	11826600.0	1.003541	Y
6	IC 140-54640/6	2000.0	2078.099986	100.0	11924029.0	1.03905	Y



Calibration / PCB-203

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

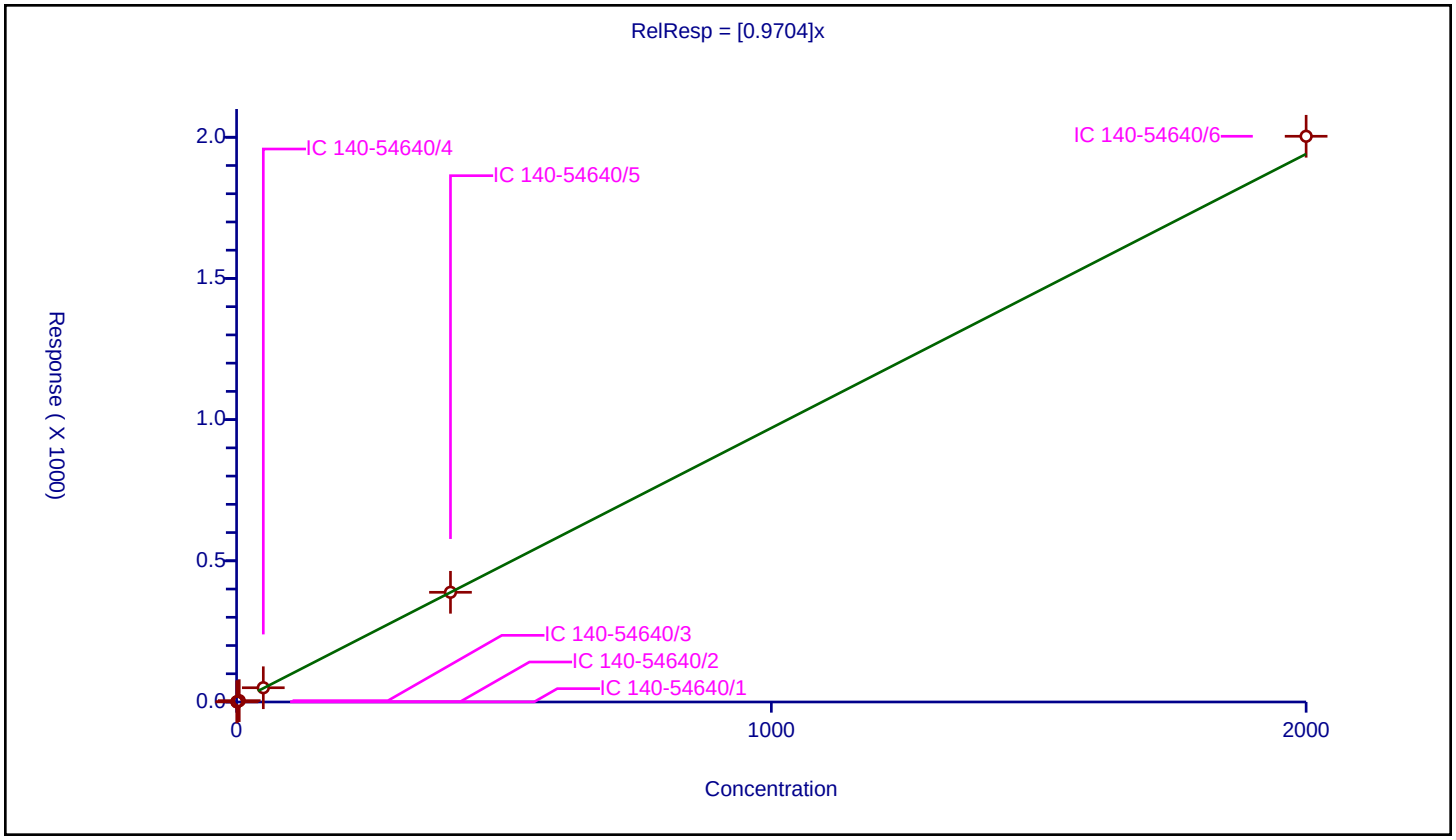
Curve Coefficients

Intercept:	0
Slope:	0.9704

Error Coefficients

Standard Error:	109000000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.474914	100.0	12566907.0	0.949828	Y
2	IC 140-54640/2	1.0	0.943717	100.0	12550908.0	0.943717	Y
3	IC 140-54640/3	5.0	4.72935	100.0	12599426.0	0.94587	Y
4	IC 140-54640/4	50.0	50.497239	100.0	11613233.0	1.009945	Y
5	IC 140-54640/5	400.0	388.496296	100.0	11826600.0	0.971241	Y
6	IC 140-54640/6	2000.0	2003.528363	100.0	11924029.0	1.001764	Y



Calibration / PCB-204

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

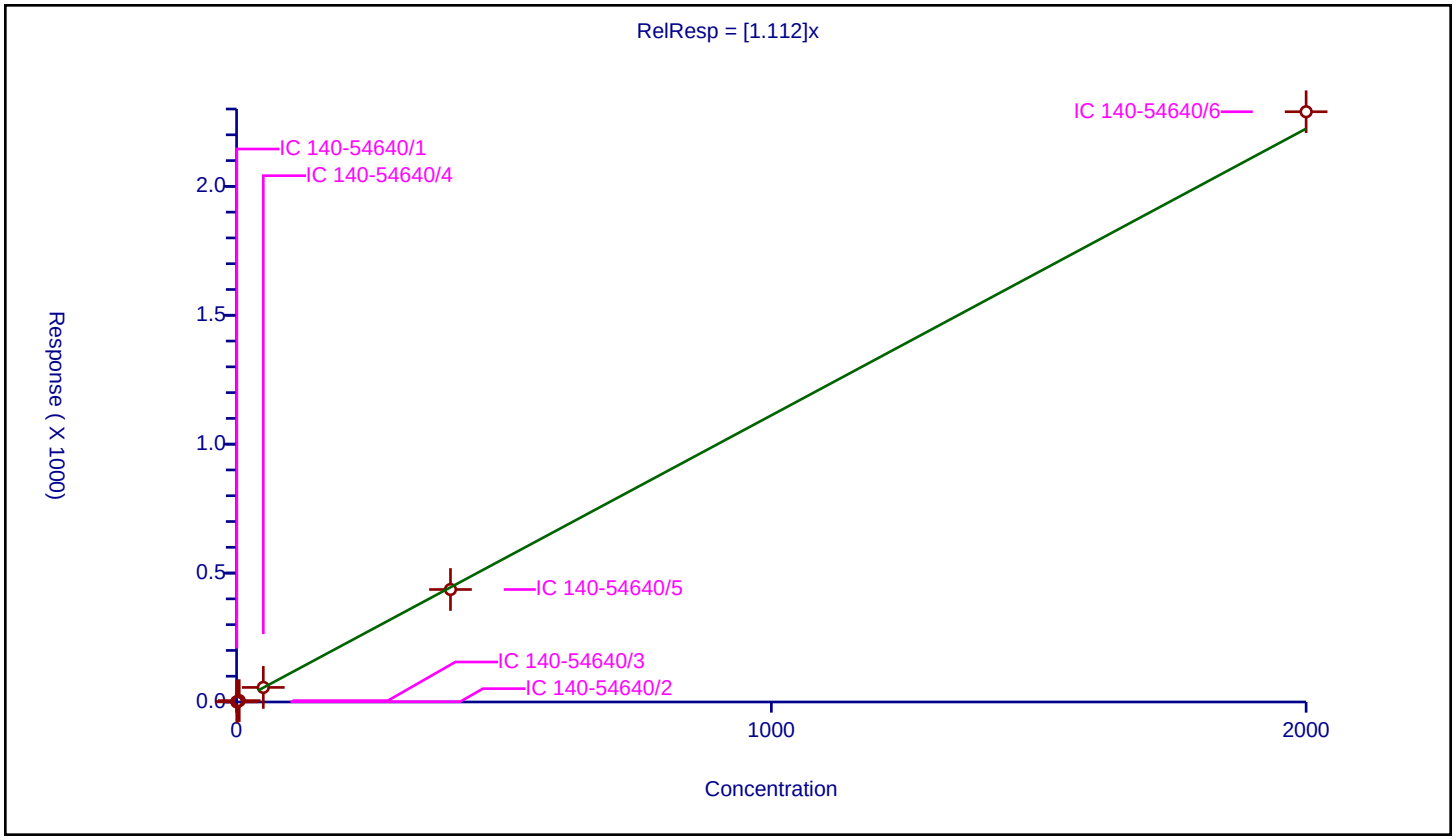
Curve Coefficients

Intercept:	0
Slope:	1.112

Error Coefficients

Standard Error:	124000000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.571819	100.0	12566907.0	1.143639	Y
2	IC 140-54640/2	1.0	1.105426	100.0	12550908.0	1.105426	Y
3	IC 140-54640/3	5.0	5.275955	100.0	12599426.0	1.055191	Y
4	IC 140-54640/4	50.0	56.572438	100.0	11613233.0	1.131449	Y
5	IC 140-54640/5	400.0	436.333579	100.0	11826600.0	1.090834	Y
6	IC 140-54640/6	2000.0	2289.498935	100.0	11924029.0	1.144749	Y



Calibration / PCB-205

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

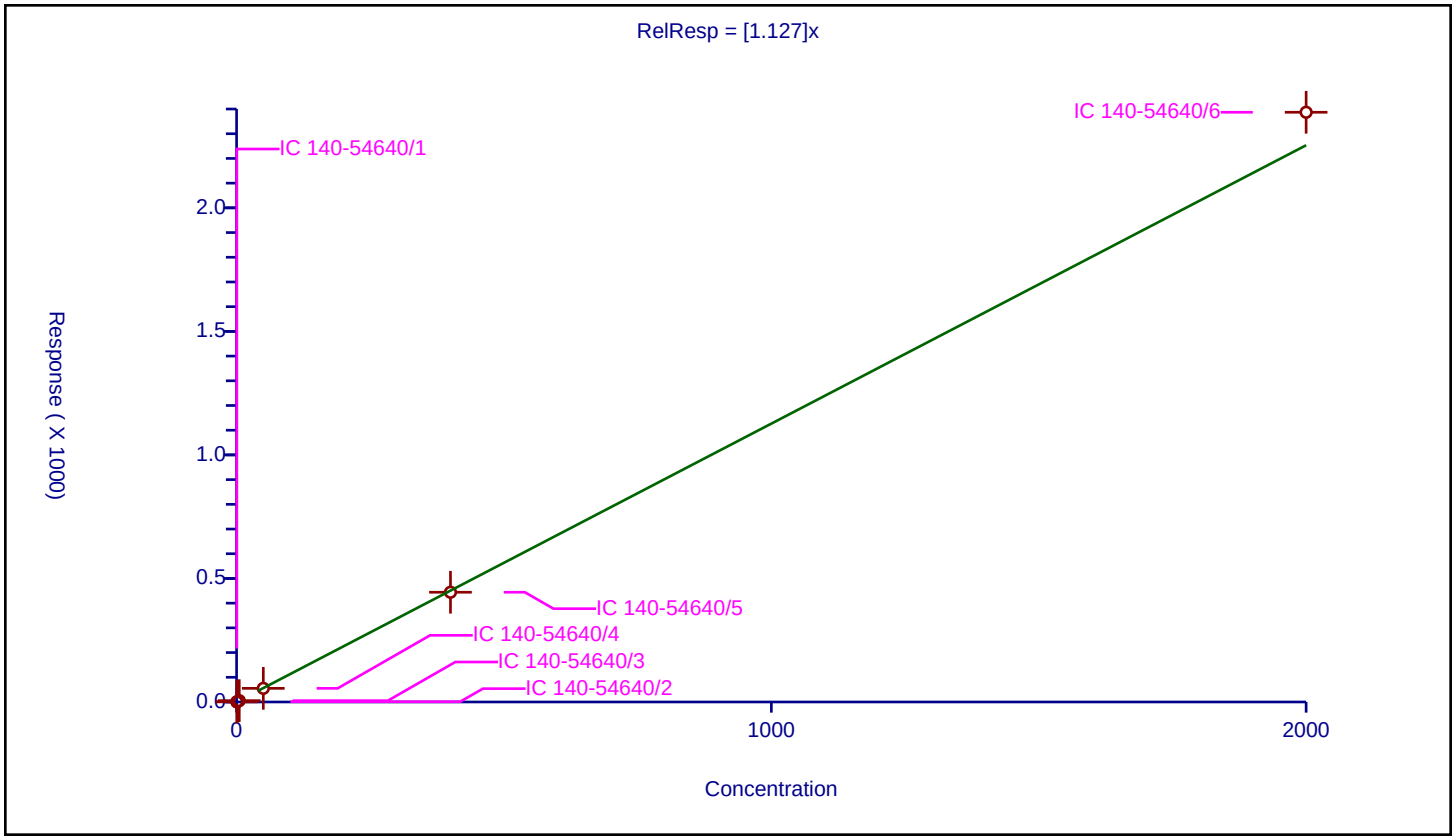
Curve Coefficients

Intercept:	0
Slope:	1.127

Error Coefficients

Standard Error:	195000000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.569369	100.0	19329990.0	1.138738	Y
2	IC 140-54640/2	1.0	1.114247	100.0	19275891.0	1.114247	Y
3	IC 140-54640/3	5.0	5.496781	100.0	19564032.0	1.099356	Y
4	IC 140-54640/4	50.0	55.189957	100.0	18526434.0	1.103799	Y
5	IC 140-54640/5	400.0	444.152645	100.0	17991792.0	1.110382	Y
6	IC 140-54640/6	2000.0	2386.856243	100.0	17996574.0	1.193428	Y



Calibration / PCB-206

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

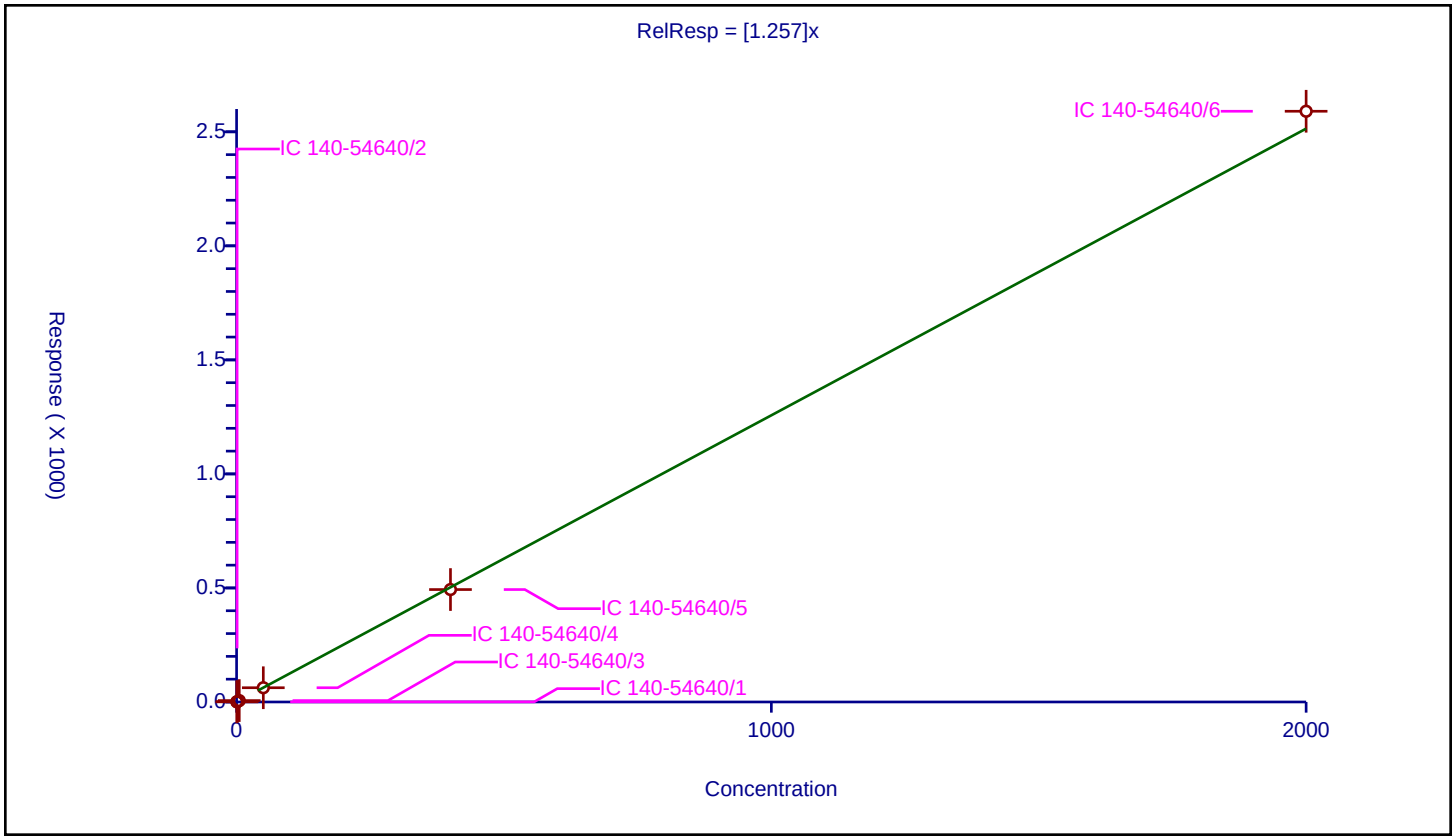
Curve Coefficients

Intercept:	0
Slope:	1.257

Error Coefficients

Standard Error:	126000000
Relative Standard Error:	2.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.618215	100.0	11692858.0	1.23643	Y
2	IC 140-54640/2	1.0	1.300131	100.0	11390471.0	1.300131	Y
3	IC 140-54640/3	5.0	6.138155	100.0	11883832.0	1.227631	Y
4	IC 140-54640/4	50.0	62.507699	100.0	11077157.0	1.250154	Y
5	IC 140-54640/5	400.0	493.01746	100.0	10848129.0	1.232544	Y
6	IC 140-54640/6	2000.0	2590.194705	100.0	10711070.0	1.295097	Y



Calibration / PCB-207

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

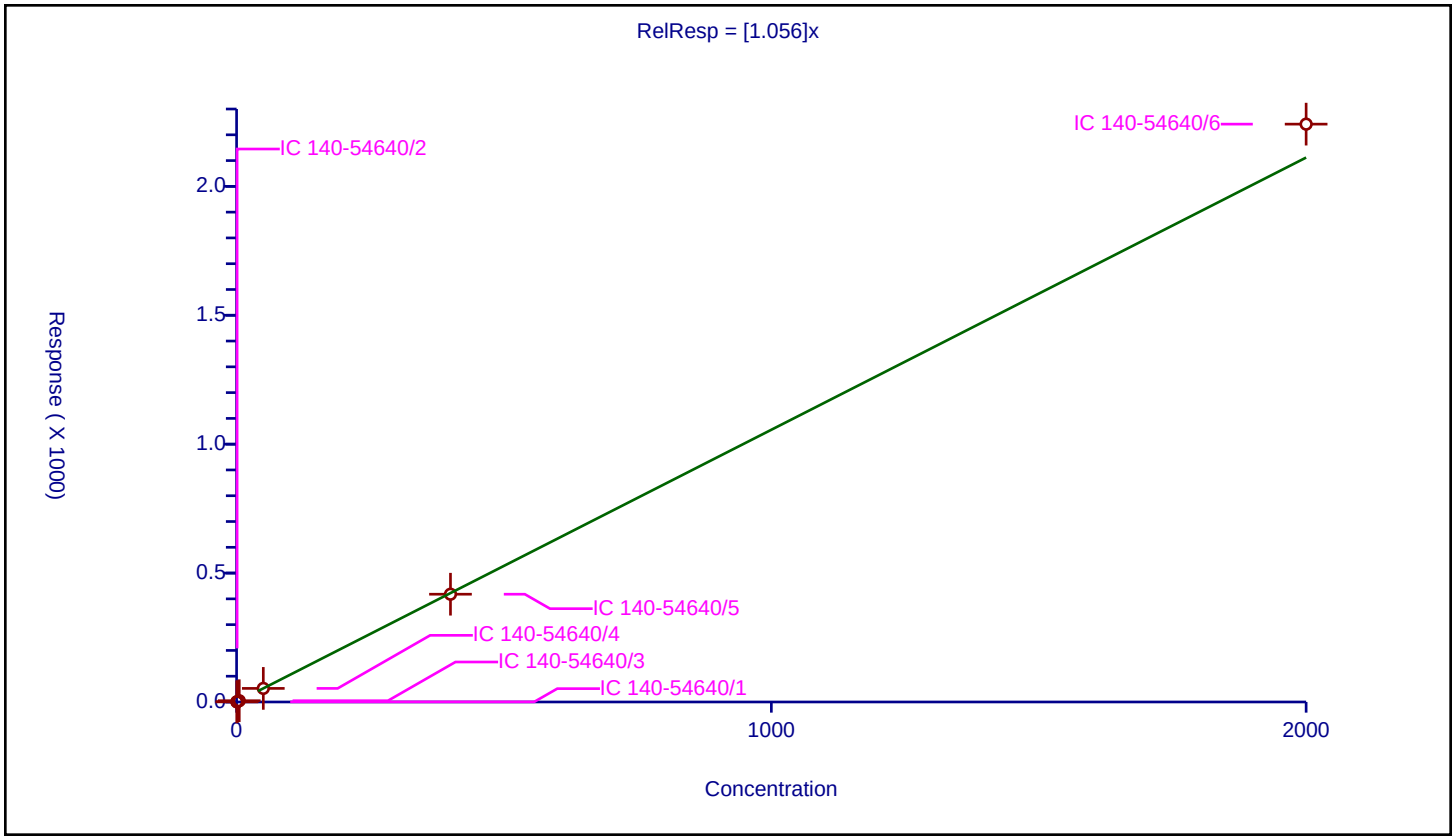
Curve Coefficients

Intercept:	0
Slope:	1.056

Error Coefficients

Standard Error:	153000000
Relative Standard Error:	4.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.524233	100.0	16114392.0	1.048466	Y
2	IC 140-54640/2	1.0	1.07385	100.0	16534622.0	1.07385	Y
3	IC 140-54640/3	5.0	4.962598	100.0	16494343.0	0.99252	Y
4	IC 140-54640/4	50.0	52.735822	100.0	15497318.0	1.054716	Y
5	IC 140-54640/5	400.0	417.984754	100.0	15212396.0	1.044962	Y
6	IC 140-54640/6	2000.0	2241.341487	100.0	14957181.0	1.120671	Y



Calibration / PCB-208

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

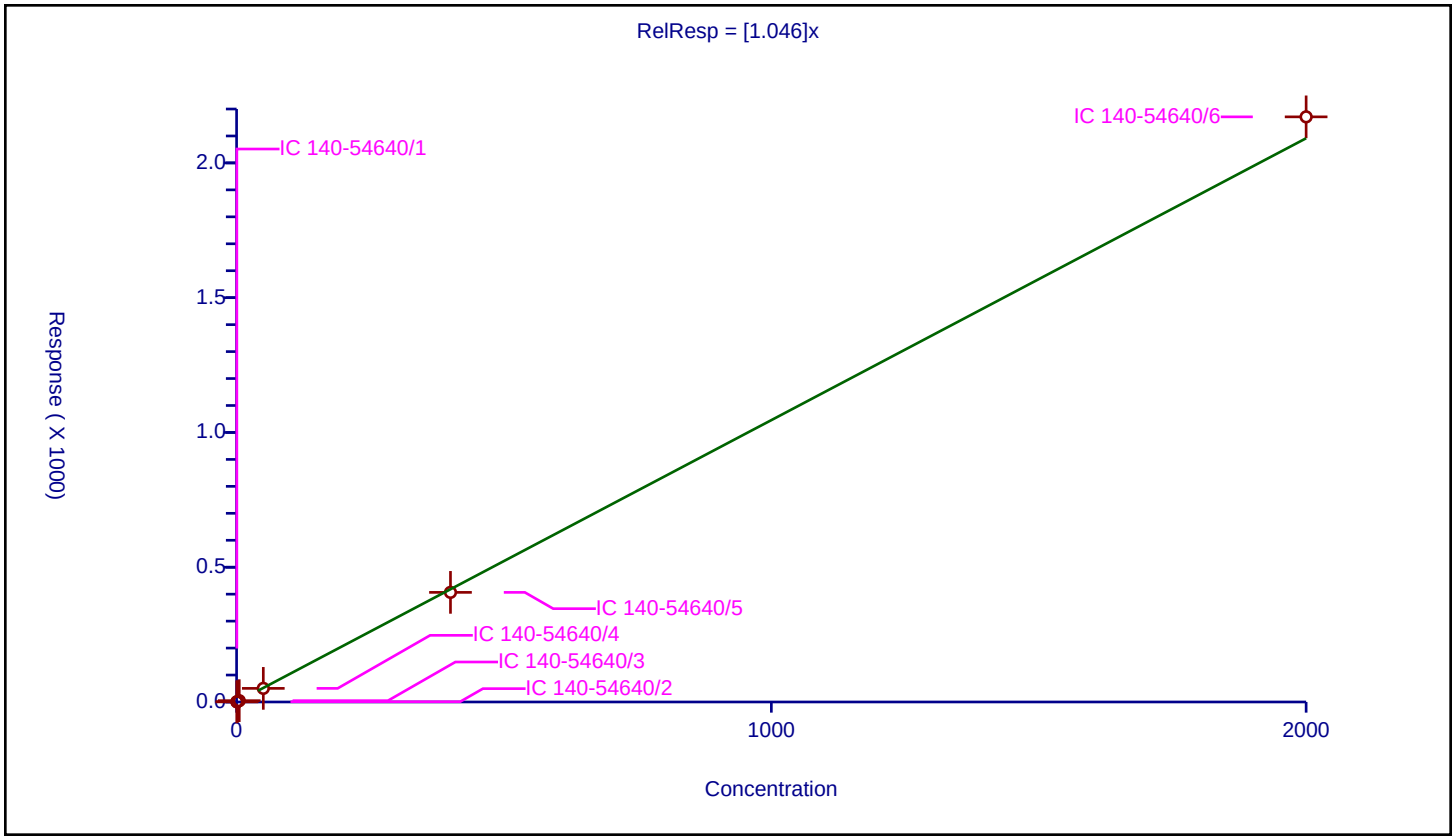
Curve Coefficients

Intercept:	0
Slope:	1.046

Error Coefficients

Standard Error:	148000000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.569727	100.0	16114392.0	1.139453	Y
2	IC 140-54640/2	1.0	1.042564	100.0	16534622.0	1.042564	Y
3	IC 140-54640/3	5.0	4.900516	100.0	16494343.0	0.980103	Y
4	IC 140-54640/4	50.0	50.512934	100.0	15497318.0	1.010259	Y
5	IC 140-54640/5	400.0	406.648446	100.0	15212396.0	1.016621	Y
6	IC 140-54640/6	2000.0	2170.863654	100.0	14957181.0	1.085432	Y



Calibration / PCB-21

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

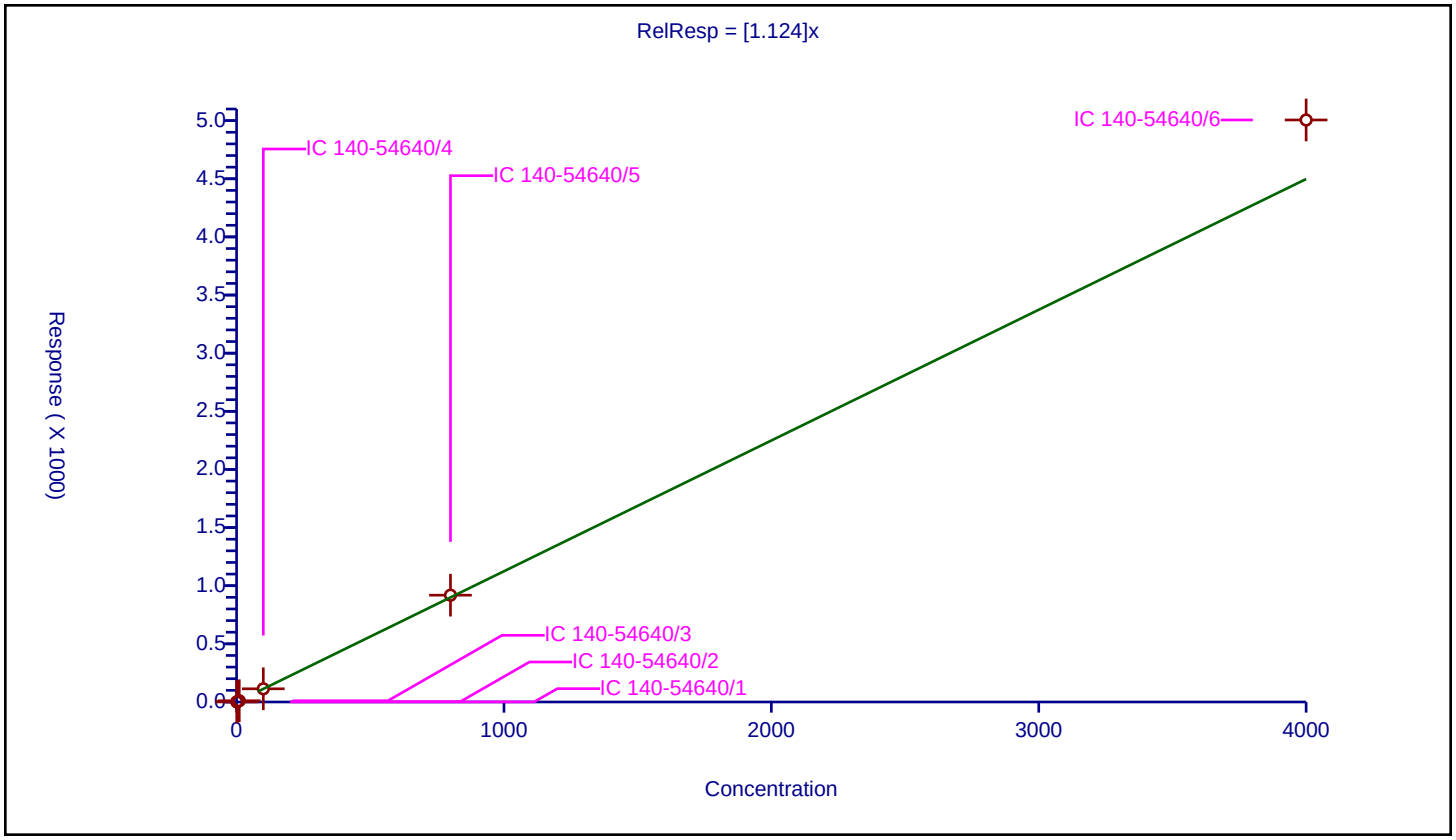
Curve Coefficients

Intercept:	0
Slope:	1.124

Error Coefficients

Standard Error:	639000000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.036666	100.0	27525555.0	1.036666	Y
2	IC 140-54640/2	2.0	2.209364	100.0	27891102.0	1.104682	Y
3	IC 140-54640/3	10.0	10.722547	100.0	27991176.0	1.072255	Y
4	IC 140-54640/4	100.0	113.33792	100.0	27183331.0	1.133379	Y
5	IC 140-54640/5	800.0	918.680719	100.0	27531370.0	1.148351	Y
6	IC 140-54640/6	4000.0	5005.627063	100.0	28084685.0	1.251407	Y



Calibration / PCB-21/33

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

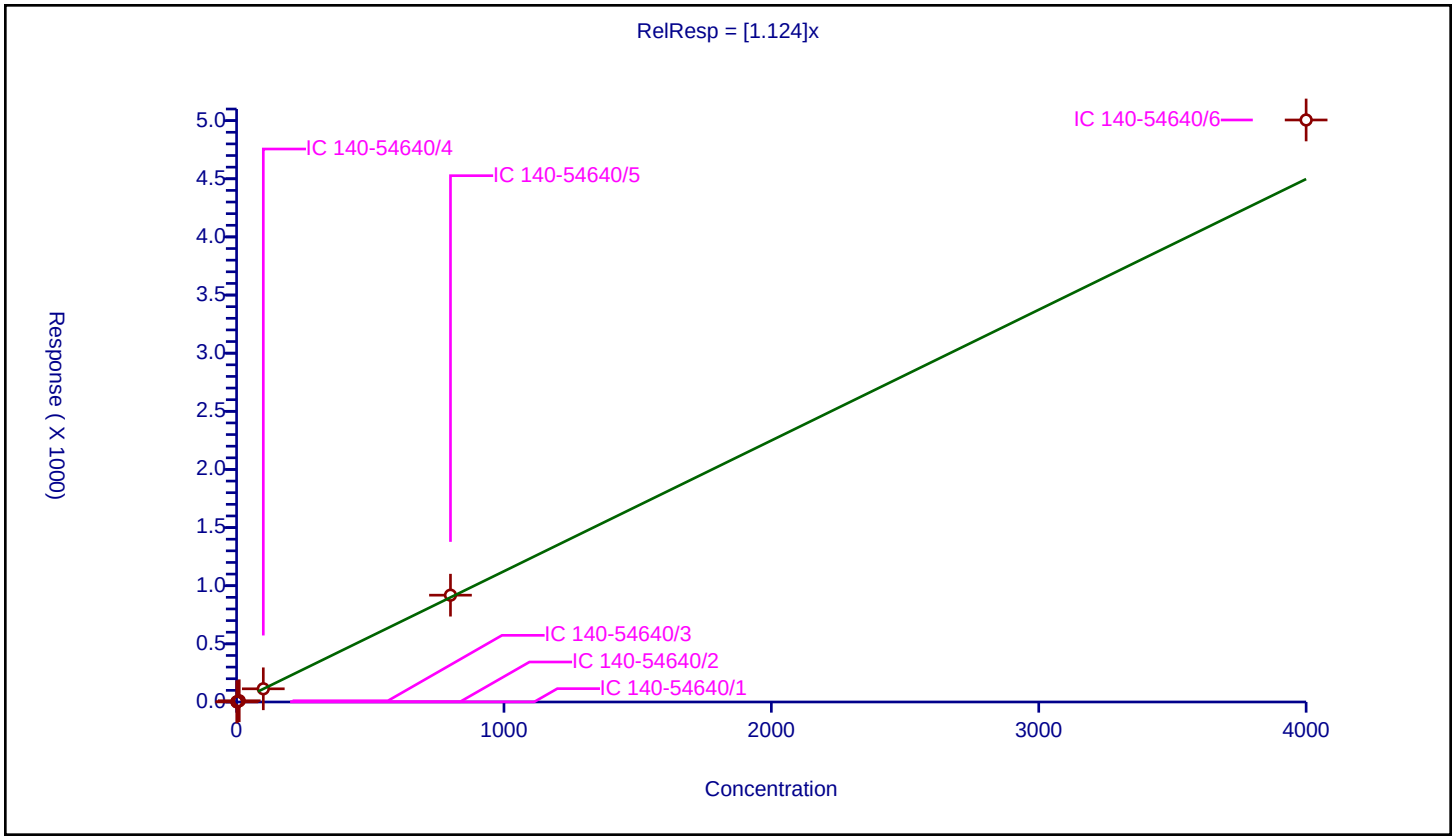
Curve Coefficients

Intercept:	0
Slope:	1.124

Error Coefficients

Standard Error:	639000000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.036666	100.0	27525555.0	1.036666	Y
2	IC 140-54640/2	2.0	2.209364	100.0	27891102.0	1.104682	Y
3	IC 140-54640/3	10.0	10.722547	100.0	27991176.0	1.072255	Y
4	IC 140-54640/4	100.0	113.33792	100.0	27183331.0	1.133379	Y
5	IC 140-54640/5	800.0	918.680719	100.0	27531370.0	1.148351	Y
6	IC 140-54640/6	4000.0	5005.627063	100.0	28084685.0	1.251407	Y



Calibration / PCB-22

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

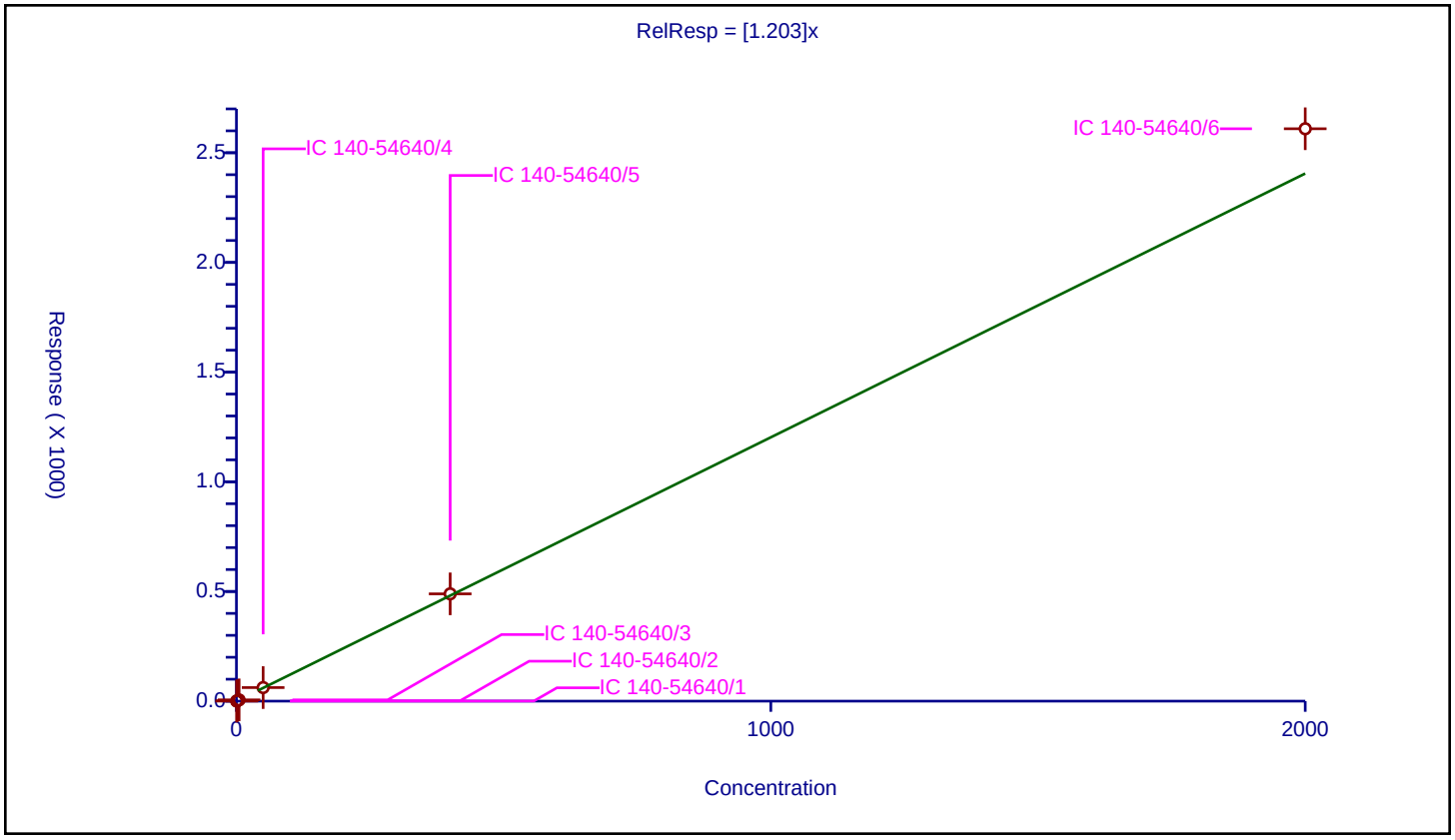
Curve Coefficients

Intercept:	0
Slope:	1.203

Error Coefficients

Standard Error:	333000000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.575443	100.0	27525555.0	1.150887	Y
2	IC 140-54640/2	1.0	1.134584	100.0	27891102.0	1.134584	Y
3	IC 140-54640/3	5.0	5.824268	100.0	27991176.0	1.164854	Y
4	IC 140-54640/4	50.0	61.903326	100.0	27183331.0	1.238067	Y
5	IC 140-54640/5	400.0	489.192336	100.0	27531370.0	1.222981	Y
6	IC 140-54640/6	2000.0	2609.476051	100.0	28084685.0	1.304738	Y



Calibration / PCB-23

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

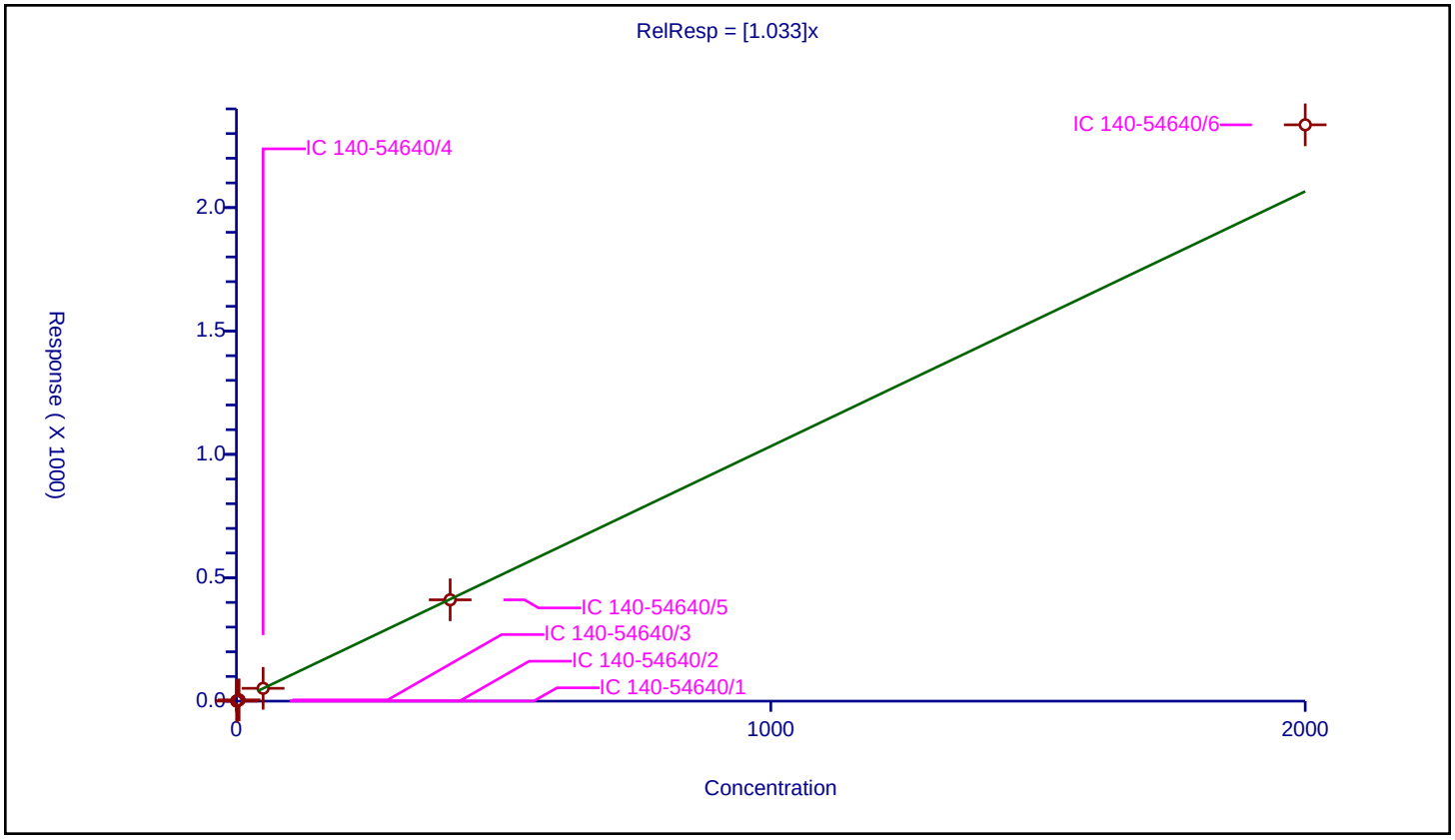
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Standard Error:	298000000
Relative Standard Error:	7.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.494944	100.0	27525555.0	0.989887	Y
2	IC 140-54640/2	1.0	0.951289	100.0	27891102.0	0.951289	Y
3	IC 140-54640/3	5.0	5.10797	100.0	27991176.0	1.021594	Y
4	IC 140-54640/4	50.0	52.016752	100.0	27183331.0	1.040335	Y
5	IC 140-54640/5	400.0	410.573568	100.0	27531370.0	1.026434	Y
6	IC 140-54640/6	2000.0	2335.432767	100.0	28084685.0	1.167716	Y



Calibration / PCB-24

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

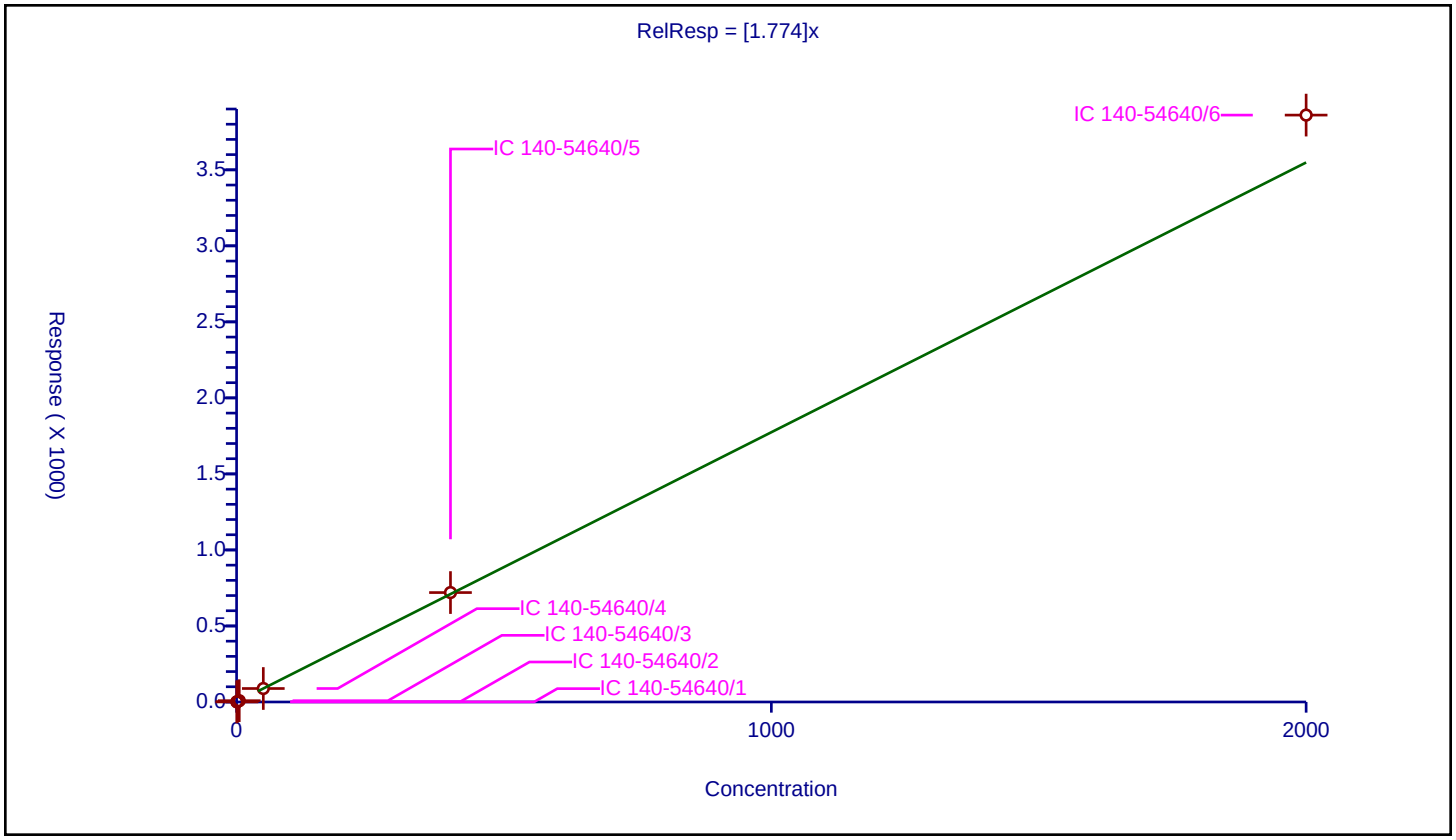
Curve Coefficients

Intercept:	0
Slope:	1.774

Error Coefficients

Standard Error:	149000000
Relative Standard Error:	4.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.872638	100.0	8681375.0	1.745277	Y
2	IC 140-54640/2	1.0	1.68638	100.0	8746665.0	1.68638	Y
3	IC 140-54640/3	5.0	8.560887	100.0	8795876.0	1.712177	Y
4	IC 140-54640/4	50.0	88.57721	100.0	8452672.0	1.771544	Y
5	IC 140-54640/5	400.0	719.783094	100.0	8350999.0	1.799458	Y
6	IC 140-54640/6	2000.0	3860.023689	100.0	8478261.0	1.930012	Y



Calibration / PCB-25

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

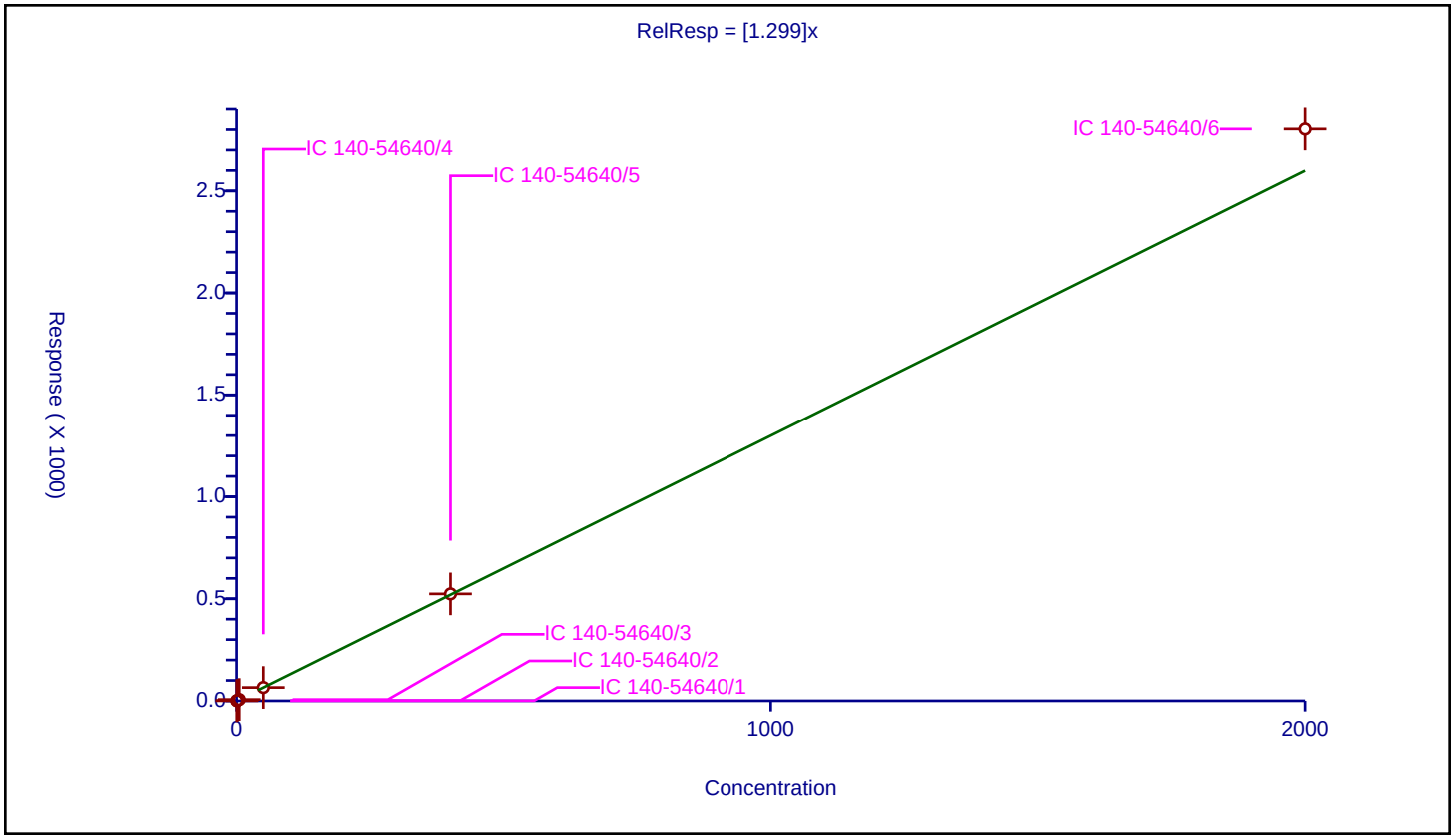
Curve Coefficients

Intercept:	0
Slope:	1.299

Error Coefficients

Standard Error:	358000000
Relative Standard Error:	4.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.6142	100.0	27525555.0	1.2284	Y
2	IC 140-54640/2	1.0	1.268993	100.0	27891102.0	1.268993	Y
3	IC 140-54640/3	5.0	6.411099	100.0	27991176.0	1.28222	Y
4	IC 140-54640/4	50.0	65.293117	100.0	27183331.0	1.305862	Y
5	IC 140-54640/5	400.0	523.96074	100.0	27531370.0	1.309902	Y
6	IC 140-54640/6	2000.0	2803.058692	100.0	28084685.0	1.401529	Y



Calibration / PCB-26

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

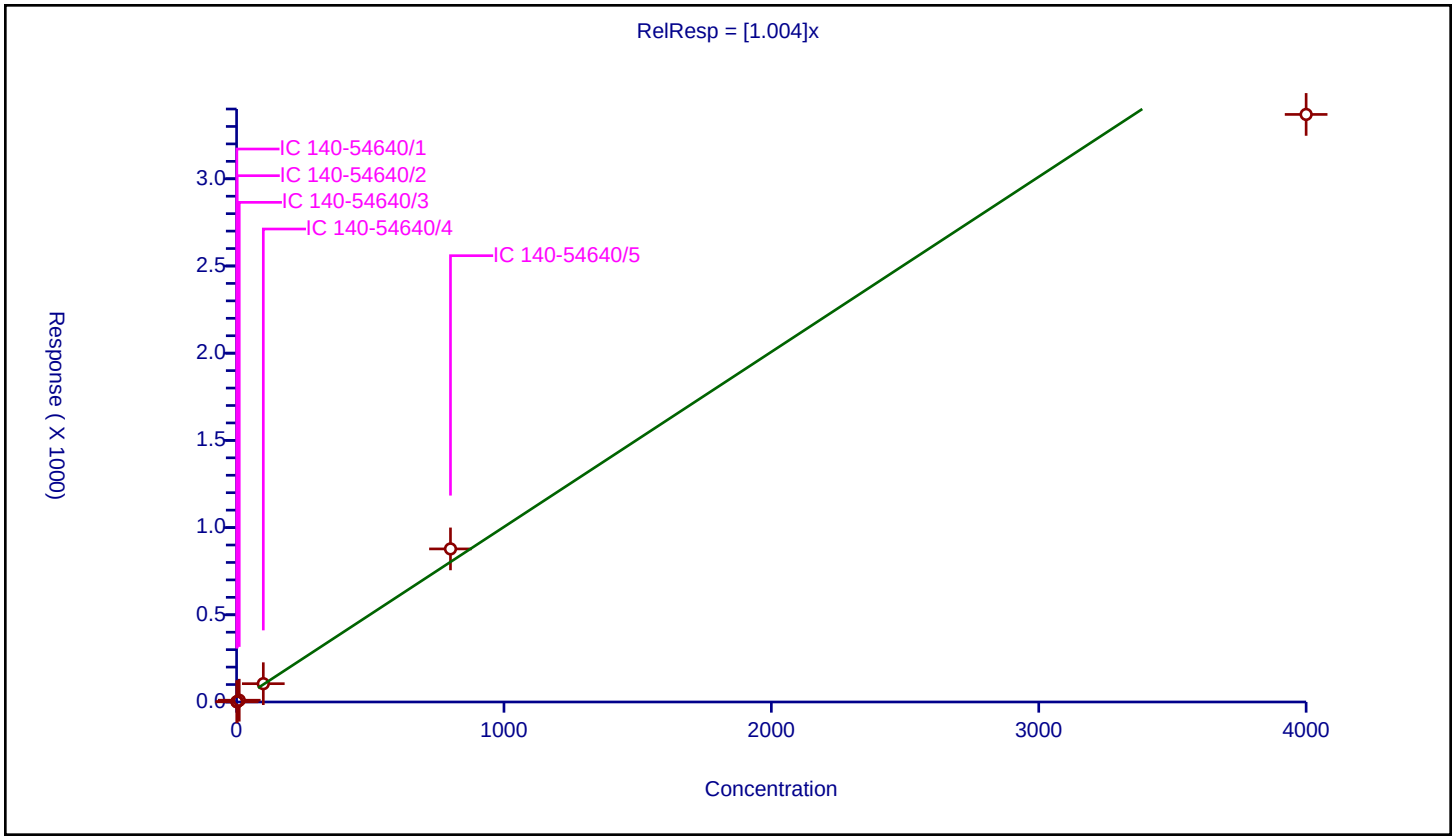
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	437000000
Relative Standard Error:	8.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.010454	100.0	27525555.0	1.010454	Y
2	IC 140-54640/2	2.0	2.020713	100.0	27891102.0	1.010356	Y
3	IC 140-54640/3	10.0	10.124308	100.0	27991176.0	1.012431	Y
4	IC 140-54640/4	100.0	104.970752	100.0	27183331.0	1.049708	Y
5	IC 140-54640/5	800.0	877.768418	100.0	27531370.0	1.097211	Y
6	IC 140-54640/6	4000.0	3368.974247	100.0	28084685.0	0.842244	Y



Calibration / PCB-26/29

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

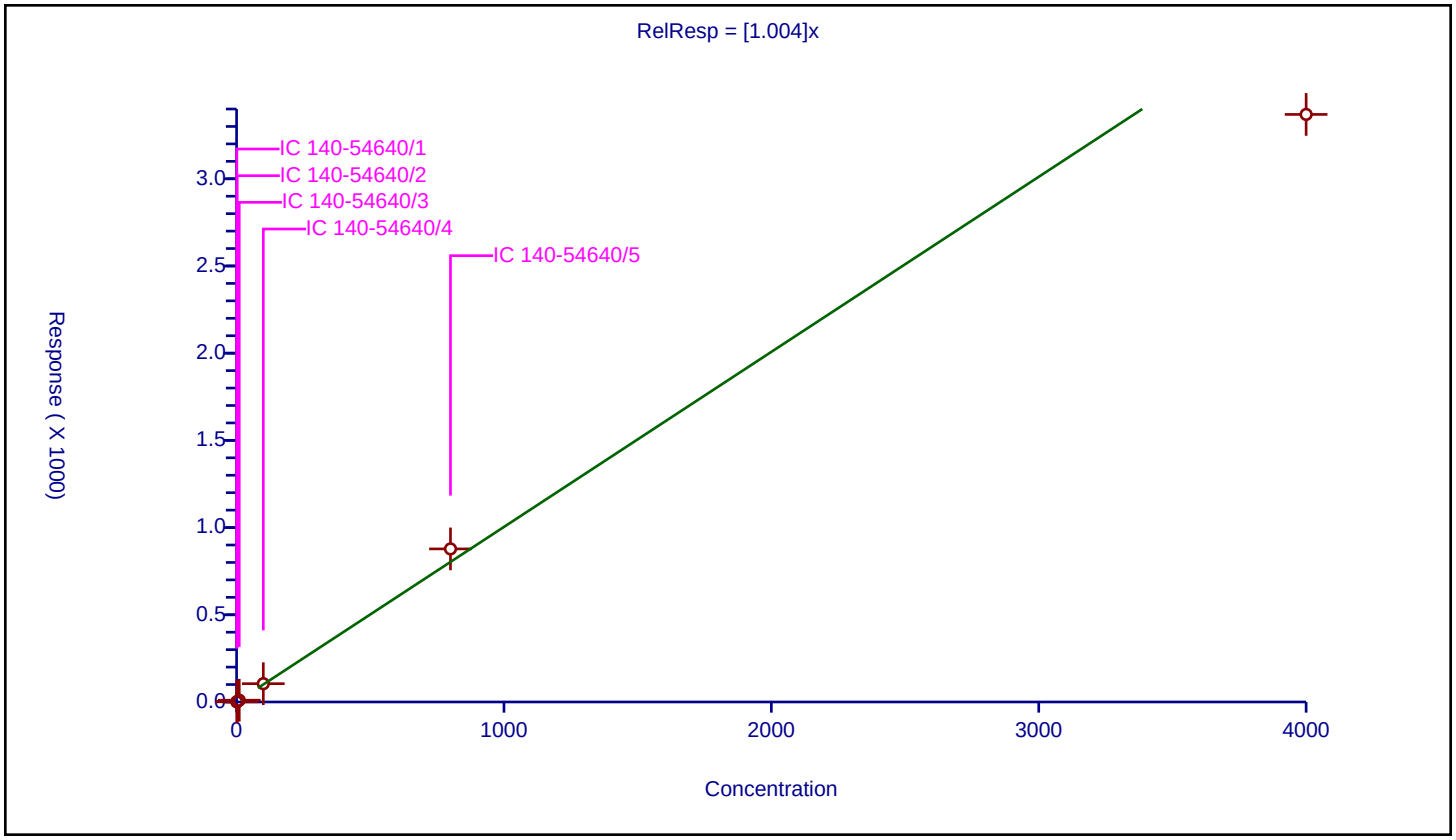
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	437000000
Relative Standard Error:	8.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.010454	100.0	27525555.0	1.010454	Y
2	IC 140-54640/2	2.0	2.020713	100.0	27891102.0	1.010356	Y
3	IC 140-54640/3	10.0	10.124308	100.0	27991176.0	1.012431	Y
4	IC 140-54640/4	100.0	104.970752	100.0	27183331.0	1.049708	Y
5	IC 140-54640/5	800.0	877.768418	100.0	27531370.0	1.097211	Y
6	IC 140-54640/6	4000.0	3368.974247	100.0	28084685.0	0.842244	Y



Calibration / PCB-27

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

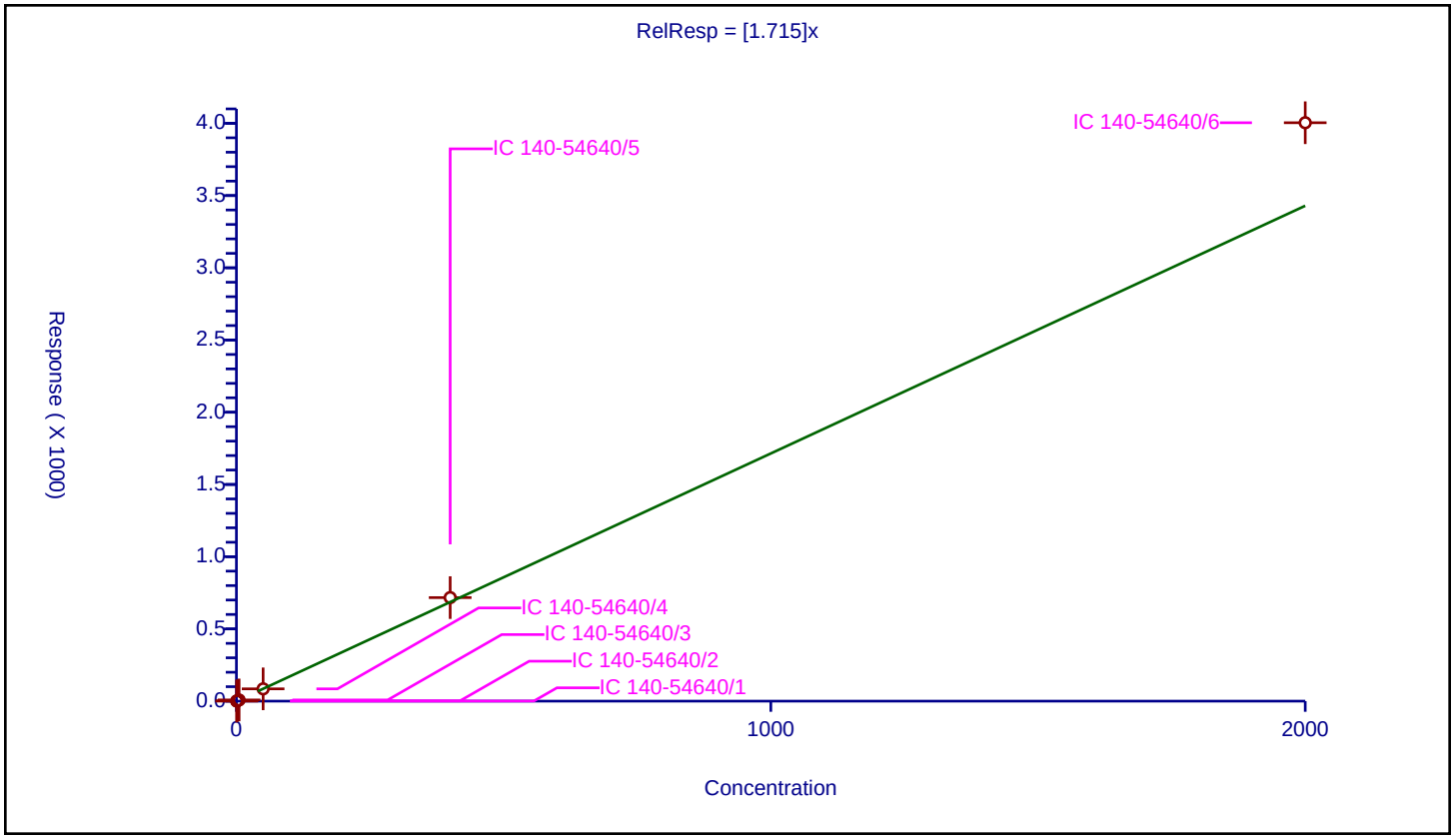
Curve Coefficients

Intercept:	0
Slope:	1.715

Error Coefficients

Standard Error:	154000000
Relative Standard Error:	9.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.990

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.785843	100.0	8681375.0	1.571687	Y
2	IC 140-54640/2	1.0	1.587668	100.0	8746665.0	1.587668	Y
3	IC 140-54640/3	5.0	8.163019	100.0	8795876.0	1.632604	Y
4	IC 140-54640/4	50.0	85.094193	100.0	8452672.0	1.701884	Y
5	IC 140-54640/5	400.0	716.724394	100.0	8350999.0	1.791811	Y
6	IC 140-54640/6	2000.0	4004.061092	100.0	8478261.0	2.002031	Y



Calibration / PCB-28

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

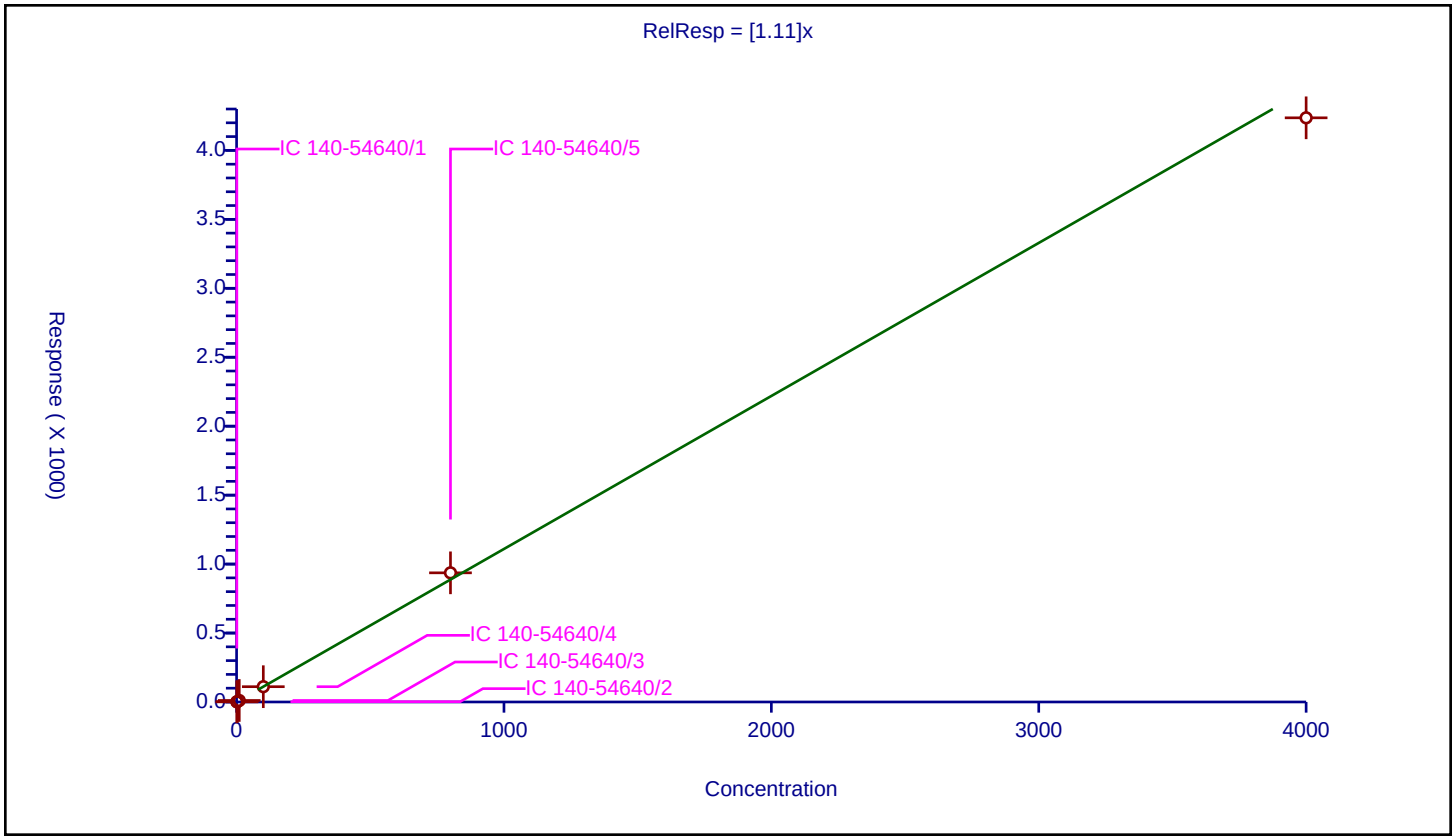
Curve Coefficients

Intercept:	0
Slope:	1.11

Error Coefficients

Standard Error:	545000000
Relative Standard Error:	3.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.134982	100.0	27525555.0	1.134982	Y
2	IC 140-54640/2	2.0	2.185389	100.0	27891102.0	1.092694	Y
3	IC 140-54640/3	10.0	10.907266	100.0	27991176.0	1.090727	Y
4	IC 140-54640/4	100.0	110.939277	100.0	27183331.0	1.109393	Y
5	IC 140-54640/5	800.0	936.527067	100.0	27531370.0	1.170659	Y
6	IC 140-54640/6	4000.0	4236.113116	100.0	28084685.0	1.059028	Y



Calibration / PCB-28L

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

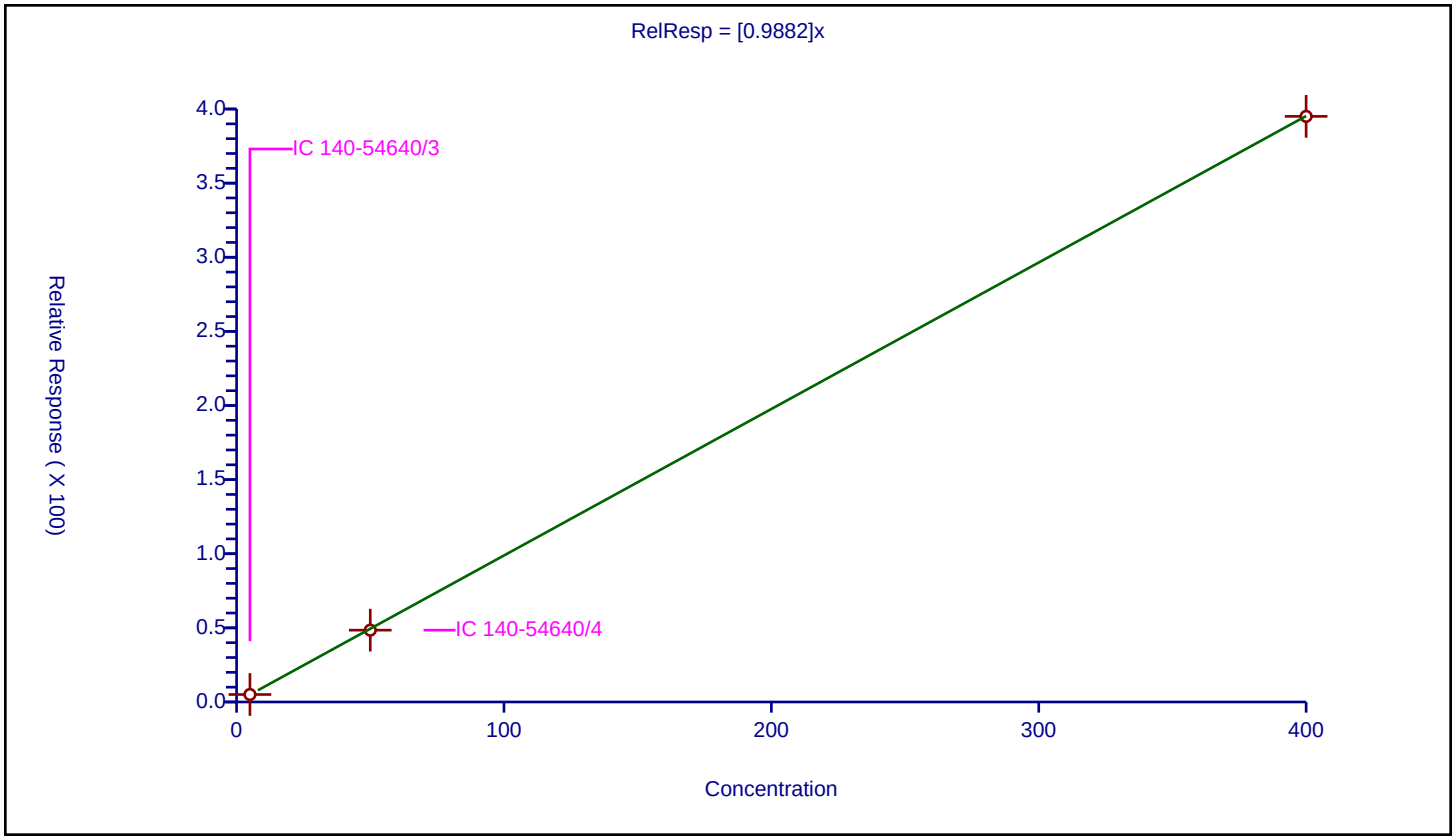
Curve Coefficients

Intercept:	0
Slope:	0.9882

Error Coefficients

Standard Error:	84500000
Relative Standard Error:	2.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/3	5.0	5.039783	100.0	31541042.0	1.007957	Y
2	IC 140-54640/4	50.0	48.447486	100.0	30793255.0	0.96895	Y
3	IC 140-54640/5	400.0	395.043163	100.0	29994613.0	0.987608	Y



Calibration / PCB-29

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

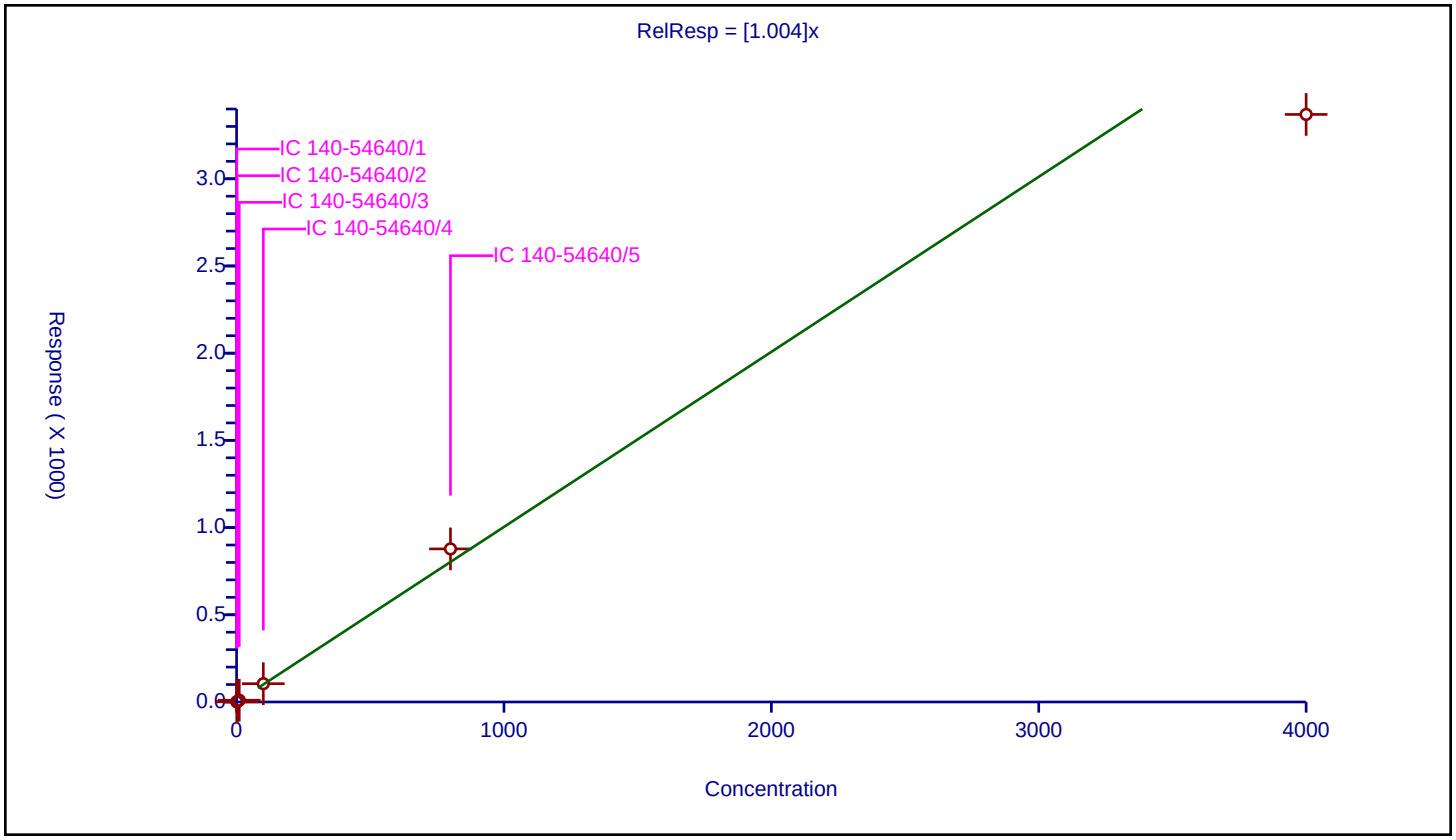
Curve Coefficients

Intercept:	0
Slope:	1.004

Error Coefficients

Standard Error:	437000000
Relative Standard Error:	8.6
Correlation Coefficient:	0.997
Coefficient of Determination (Adjusted):	0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.010454	100.0	27525555.0	1.010454	Y
2	IC 140-54640/2	2.0	2.020713	100.0	27891102.0	1.010356	Y
3	IC 140-54640/3	10.0	10.124308	100.0	27991176.0	1.012431	Y
4	IC 140-54640/4	100.0	104.970752	100.0	27183331.0	1.049708	Y
5	IC 140-54640/5	800.0	877.768418	100.0	27531370.0	1.097211	Y
6	IC 140-54640/6	4000.0	3368.974247	100.0	28084685.0	0.842244	Y



Calibration / PCB-3

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

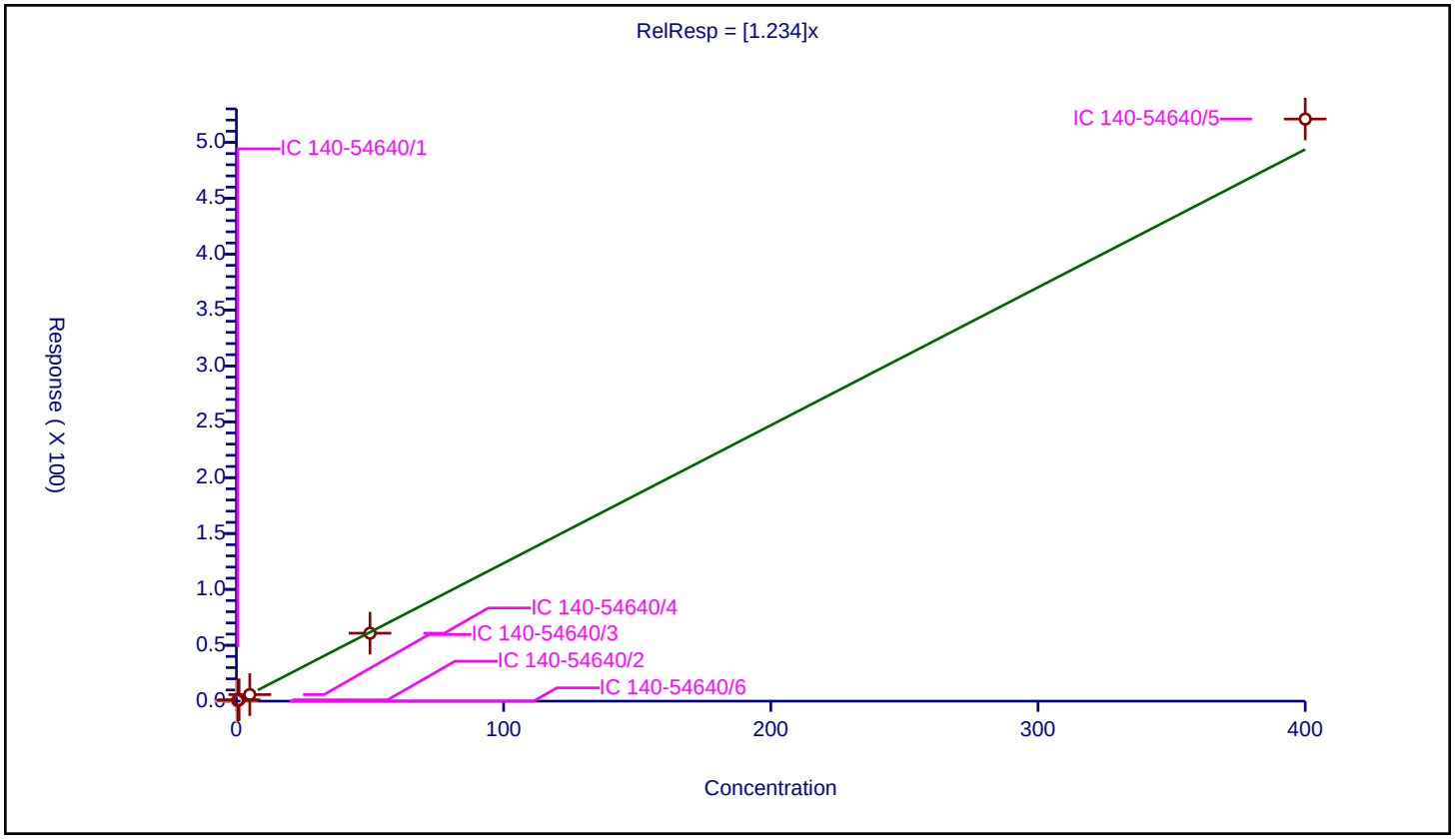
Curve Coefficients

Intercept:	0
Slope:	1.234

Error Coefficients

Standard Error:	72900000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/6	0.0	0.0	100.0	29085602.0	NaN	N
2	IC 140-54640/1	0.5	0.626005	100.0	27681579.0	1.25201	Y
3	IC 140-54640/2	1.0	1.223903	100.0	28981393.0	1.223903	Y
4	IC 140-54640/3	5.0	5.885604	100.0	28814988.0	1.177121	Y
5	IC 140-54640/4	50.0	60.819276	100.0	27981285.0	1.216386	Y
6	IC 140-54640/5	400.0	520.918761	100.0	27791541.0	1.302297	Y



Calibration / PCB-30

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

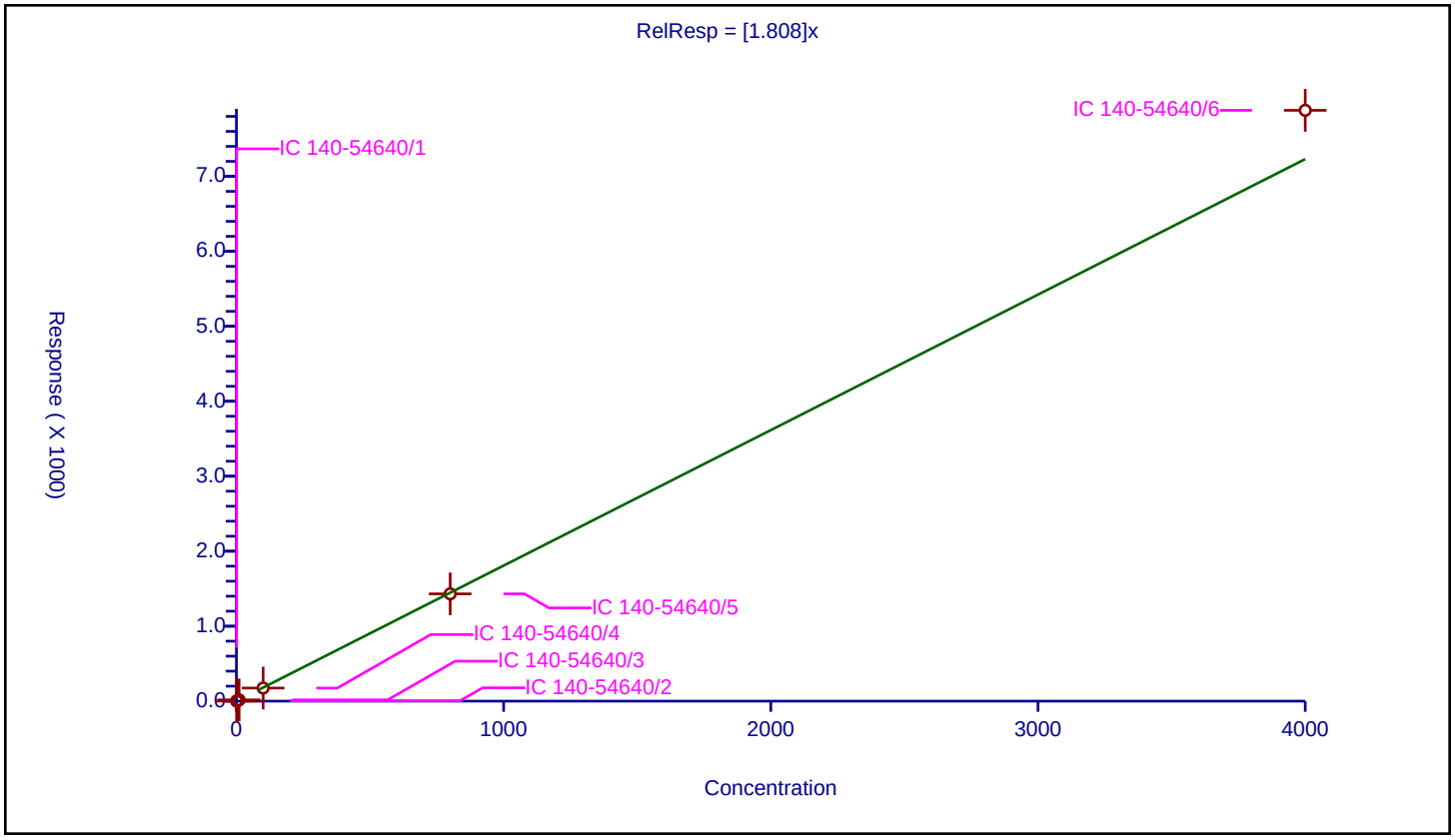
Curve Coefficients

Intercept:	0
Slope:	1.808

Error Coefficients

Standard Error:	304000000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.853428	100.0	8681375.0	1.853428	Y
2	IC 140-54640/2	2.0	3.588248	100.0	8746665.0	1.794124	Y
3	IC 140-54640/3	10.0	16.930821	100.0	8795876.0	1.693082	Y
4	IC 140-54640/4	100.0	174.638079	100.0	8452672.0	1.746381	Y
5	IC 140-54640/5	800.0	1430.764511	100.0	8350999.0	1.788456	Y
6	IC 140-54640/6	4000.0	7880.847122	100.0	8478261.0	1.970212	Y



Calibration / PCB-31

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

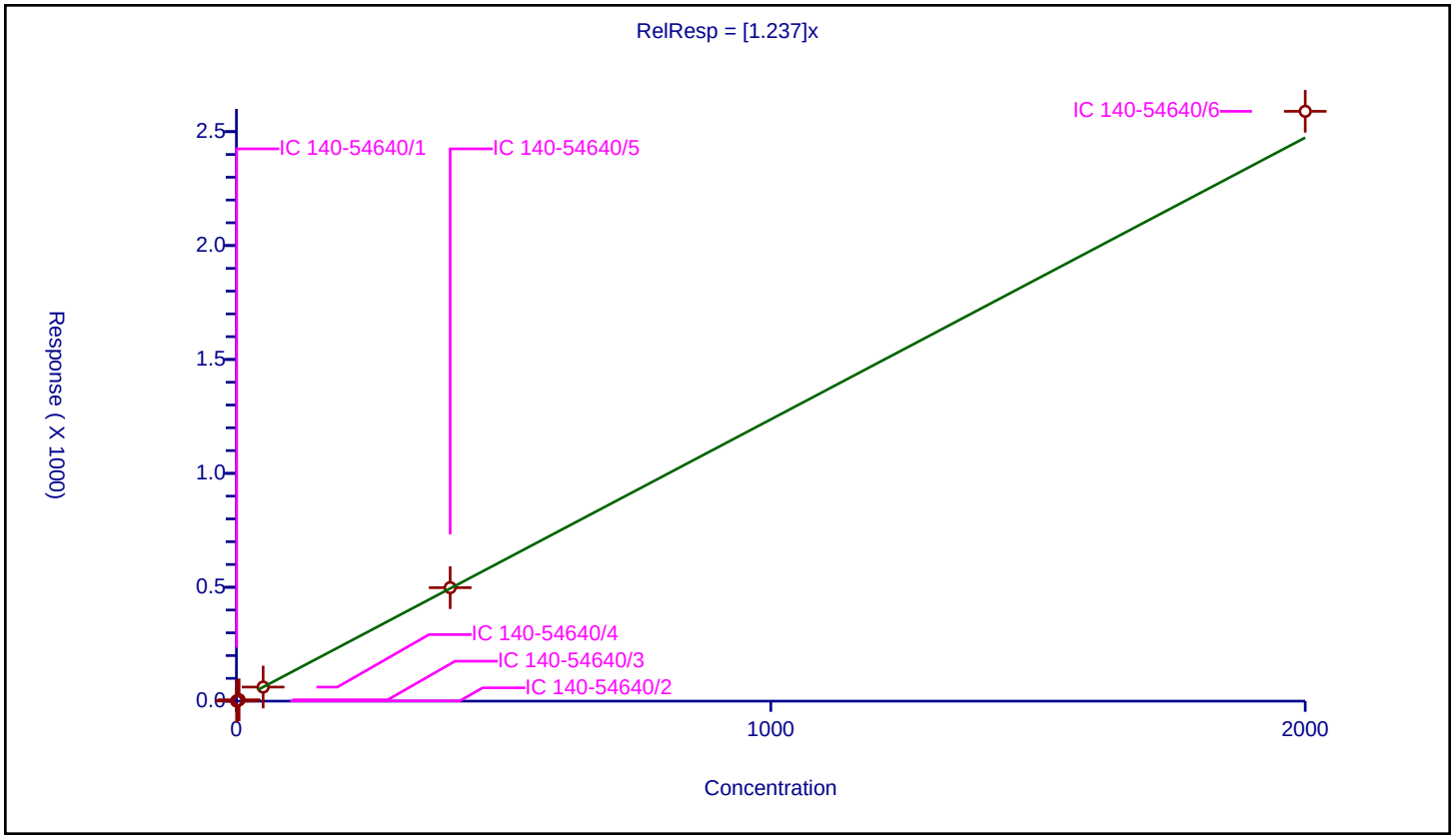
Curve Coefficients

Intercept:	0
Slope:	1.237

Error Coefficients

Standard Error:	331000000
Relative Standard Error:	3.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.629655	100.0	27525555.0	1.25931	Y
2	IC 140-54640/2	1.0	1.204398	100.0	27891102.0	1.204398	Y
3	IC 140-54640/3	5.0	5.911924	100.0	27991176.0	1.182385	Y
4	IC 140-54640/4	50.0	61.763244	100.0	27183331.0	1.235265	Y
5	IC 140-54640/5	400.0	498.164127	100.0	27531370.0	1.24541	Y
6	IC 140-54640/6	2000.0	2589.394982	100.0	28084685.0	1.294697	Y



Calibration / PCB-32

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

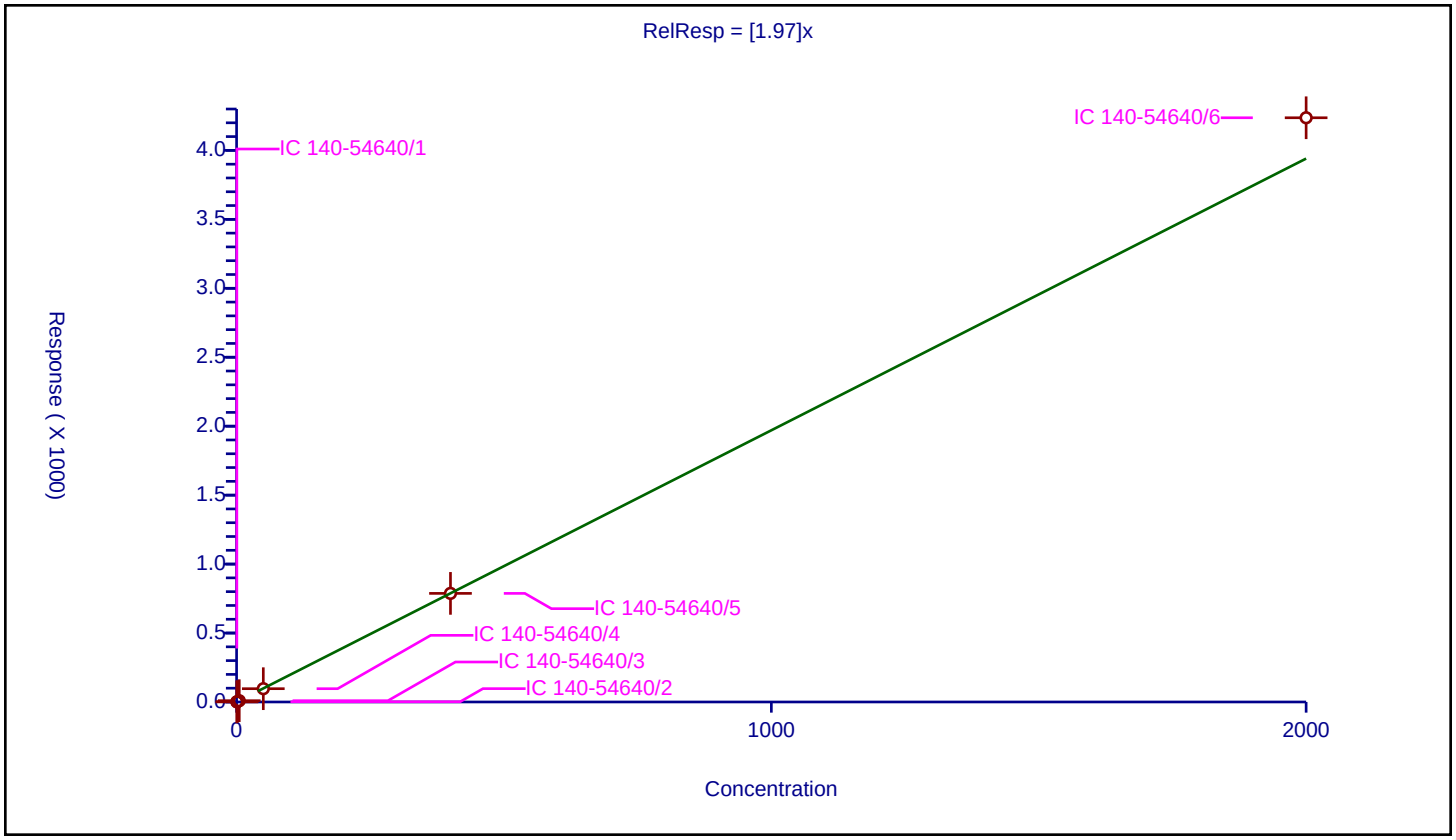
Curve Coefficients

Intercept:	0
Slope:	1.97

Error Coefficients

Standard Error:	163000000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	1.038188	100.0	8681375.0	2.076376	Y
2	IC 140-54640/2	1.0	1.857256	100.0	8746665.0	1.857256	Y
3	IC 140-54640/3	5.0	9.373177	100.0	8795876.0	1.874635	Y
4	IC 140-54640/4	50.0	96.315449	100.0	8452672.0	1.926309	Y
5	IC 140-54640/5	400.0	787.485761	100.0	8350999.0	1.968714	Y
6	IC 140-54640/6	2000.0	4236.563949	100.0	8478261.0	2.118282	Y



Calibration / PCB-33

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

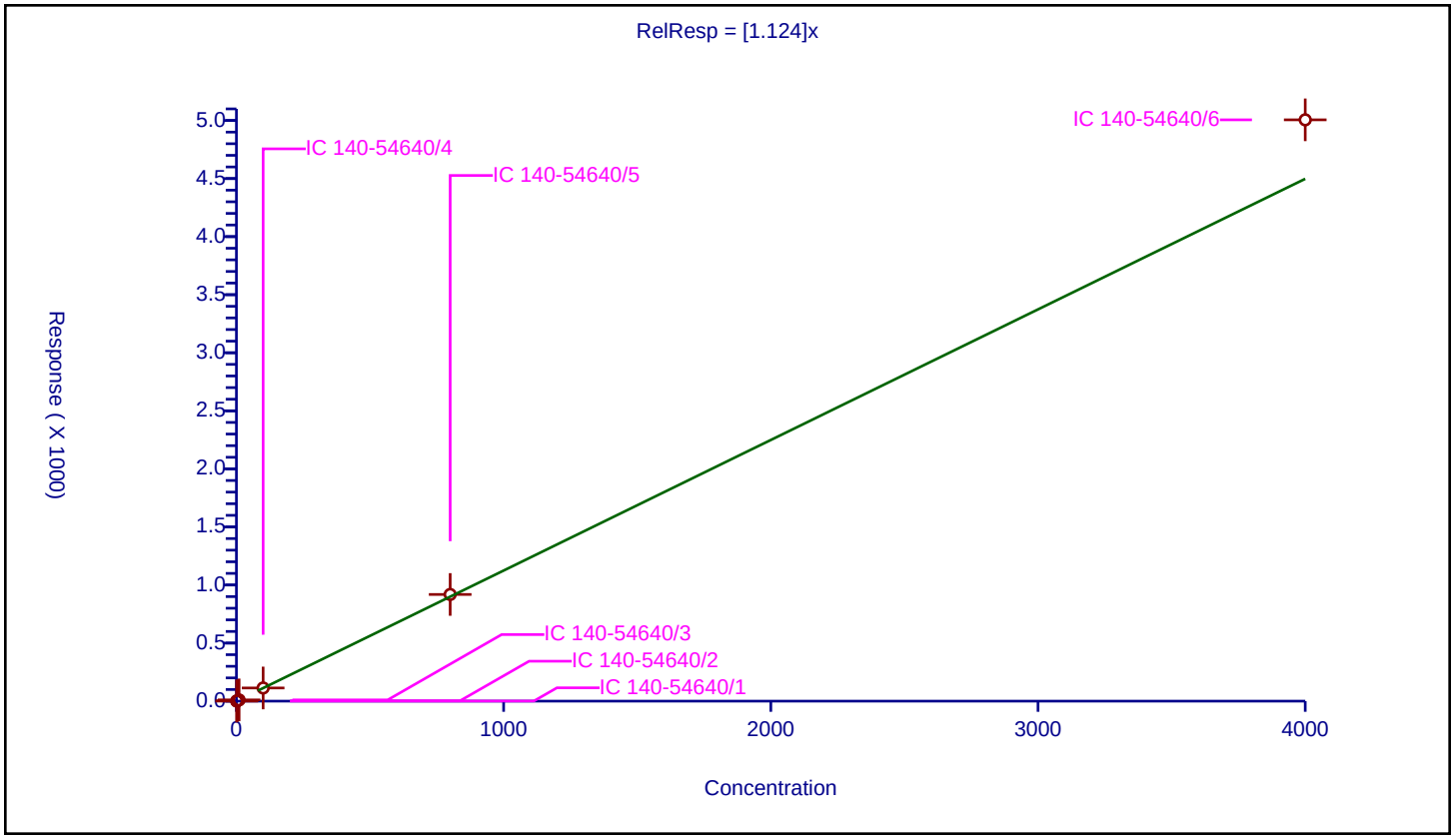
Curve Coefficients

Intercept:	0
Slope:	1.124

Error Coefficients

Standard Error:	639000000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	1.036666	100.0	27525555.0	1.036666	Y
2	IC 140-54640/2	2.0	2.209364	100.0	27891102.0	1.104682	Y
3	IC 140-54640/3	10.0	10.722547	100.0	27991176.0	1.072255	Y
4	IC 140-54640/4	100.0	113.33792	100.0	27183331.0	1.133379	Y
5	IC 140-54640/5	800.0	918.680719	100.0	27531370.0	1.148351	Y
6	IC 140-54640/6	4000.0	5005.627063	100.0	28084685.0	1.251407	Y



Calibration / PCB-34

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

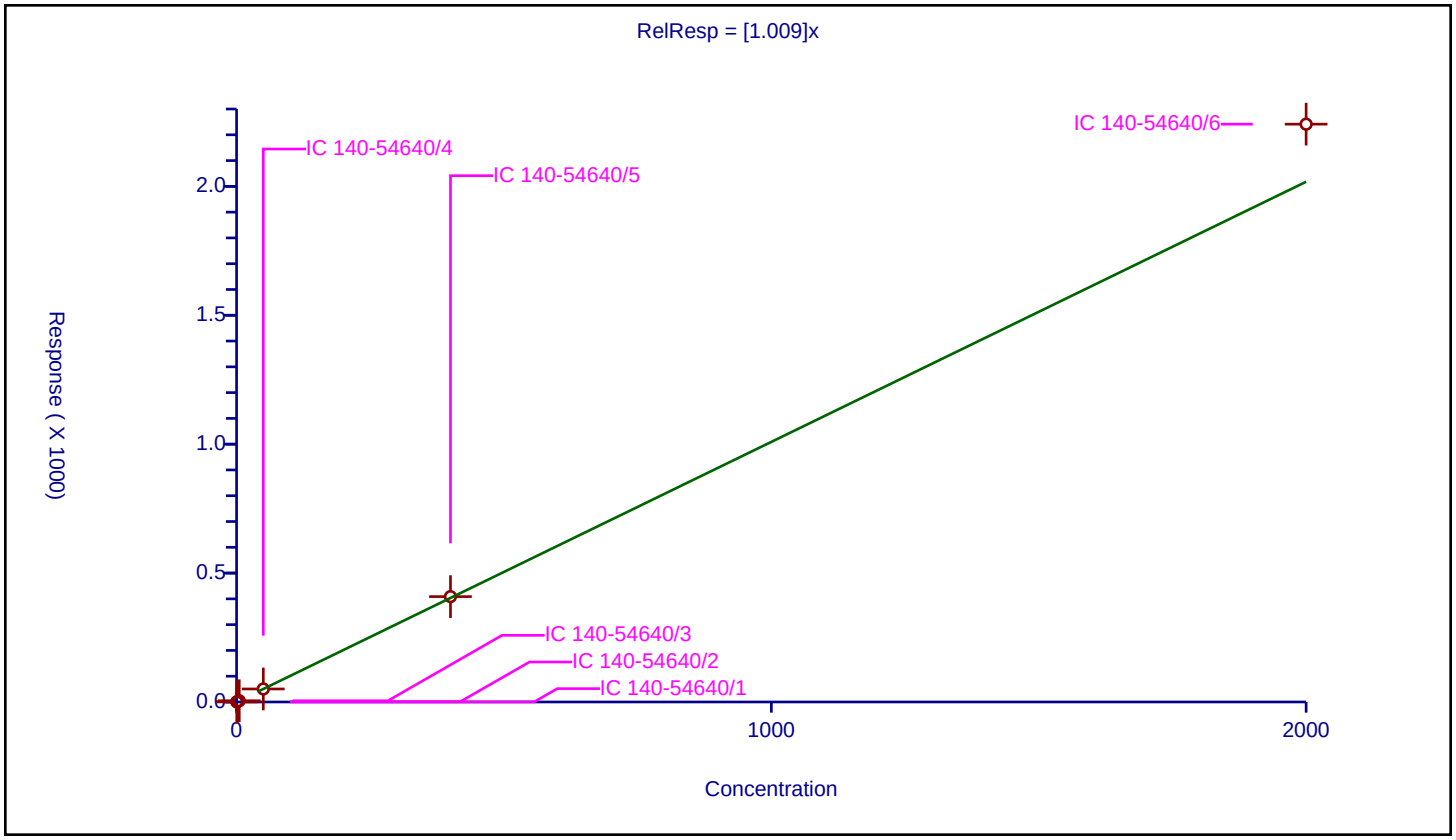
Curve Coefficients

Intercept:	0
Slope:	1.009

Error Coefficients

Standard Error:	286000000
Relative Standard Error:	6.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.504284	100.0	27525555.0	1.008568	Y
2	IC 140-54640/2	1.0	0.934219	100.0	27891102.0	0.934219	Y
3	IC 140-54640/3	5.0	4.790663	100.0	27991176.0	0.958133	Y
4	IC 140-54640/4	50.0	50.49859	100.0	27183331.0	1.009972	Y
5	IC 140-54640/5	400.0	408.717383	100.0	27531370.0	1.021793	Y
6	IC 140-54640/6	2000.0	2241.201188	100.0	28084685.0	1.120601	Y



Calibration / PCB-35

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

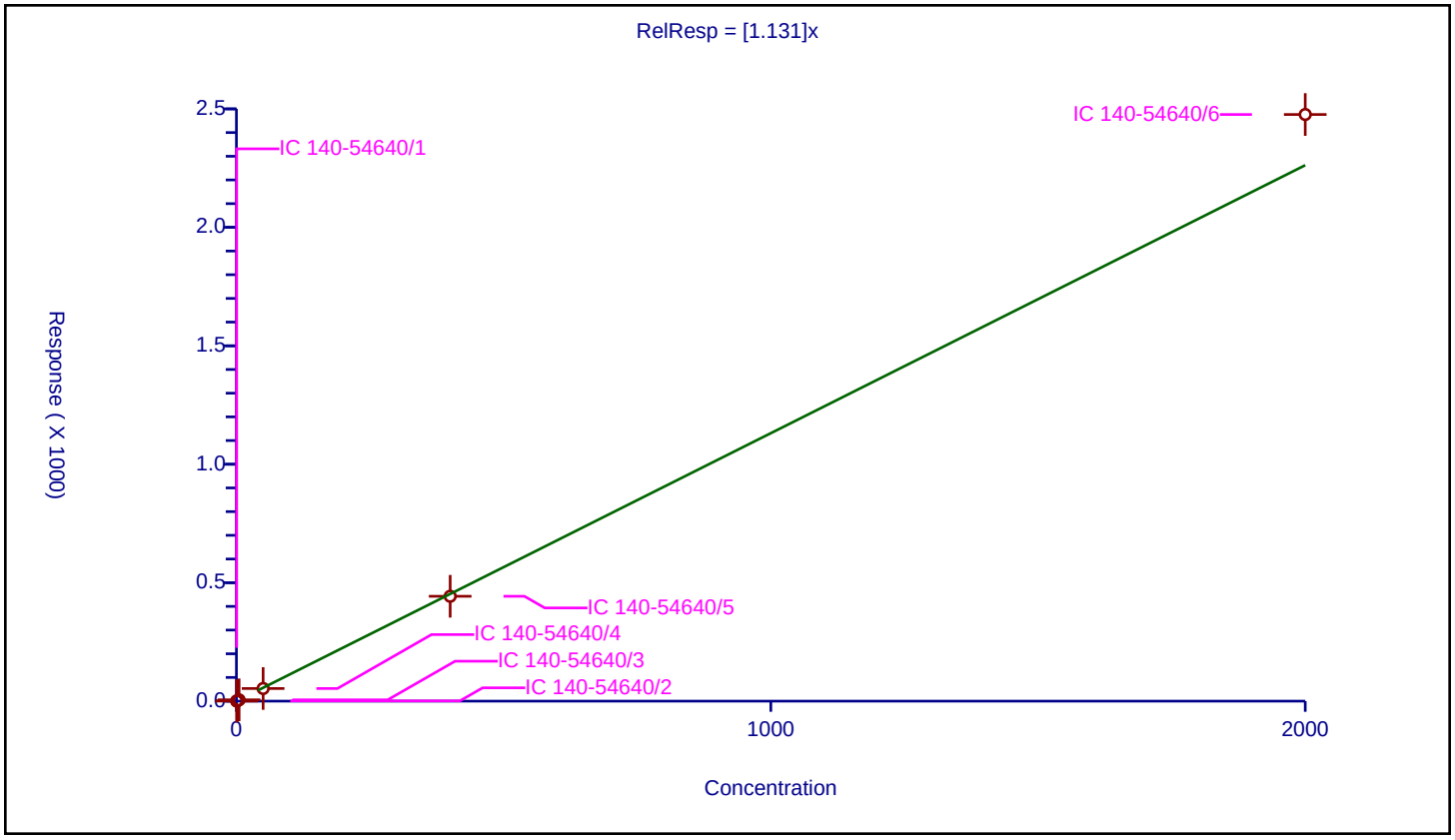
Curve Coefficients

Intercept:	0
Slope:	1.131

Error Coefficients

Standard Error:	316000000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.575716	100.0	27525555.0	1.151432	Y
2	IC 140-54640/2	1.0	1.118159	100.0	27891102.0	1.118159	Y
3	IC 140-54640/3	5.0	5.526506	100.0	27991176.0	1.105301	Y
4	IC 140-54640/4	50.0	53.335873	100.0	27183331.0	1.066717	Y
5	IC 140-54640/5	400.0	442.696143	100.0	27531370.0	1.10674	Y
6	IC 140-54640/6	2000.0	2476.283939	100.0	28084685.0	1.238142	Y



Calibration / PCB-36

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

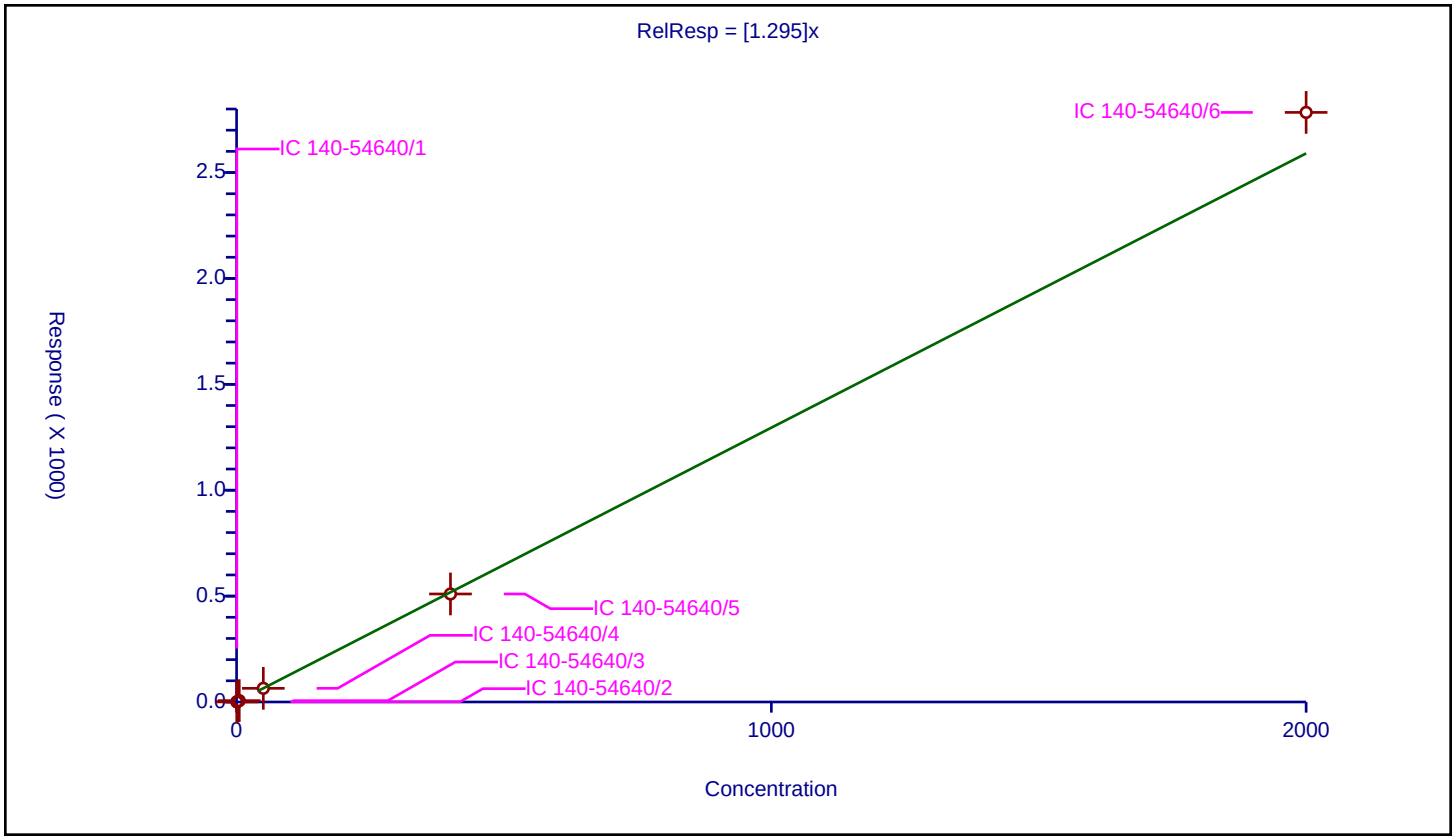
Curve Coefficients

Intercept:	0
Slope:	1.295

Error Coefficients

Standard Error:	355000000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.648793	100.0	27525555.0	1.297587	Y
2	IC 140-54640/2	1.0	1.25378	100.0	27891102.0	1.25378	Y
3	IC 140-54640/3	5.0	6.312464	100.0	27991176.0	1.262493	Y
4	IC 140-54640/4	50.0	64.522792	100.0	27183331.0	1.290456	Y
5	IC 140-54640/5	400.0	510.087936	100.0	27531370.0	1.27522	Y
6	IC 140-54640/6	2000.0	2783.955782	100.0	28084685.0	1.391978	Y



Calibration / PCB-37

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

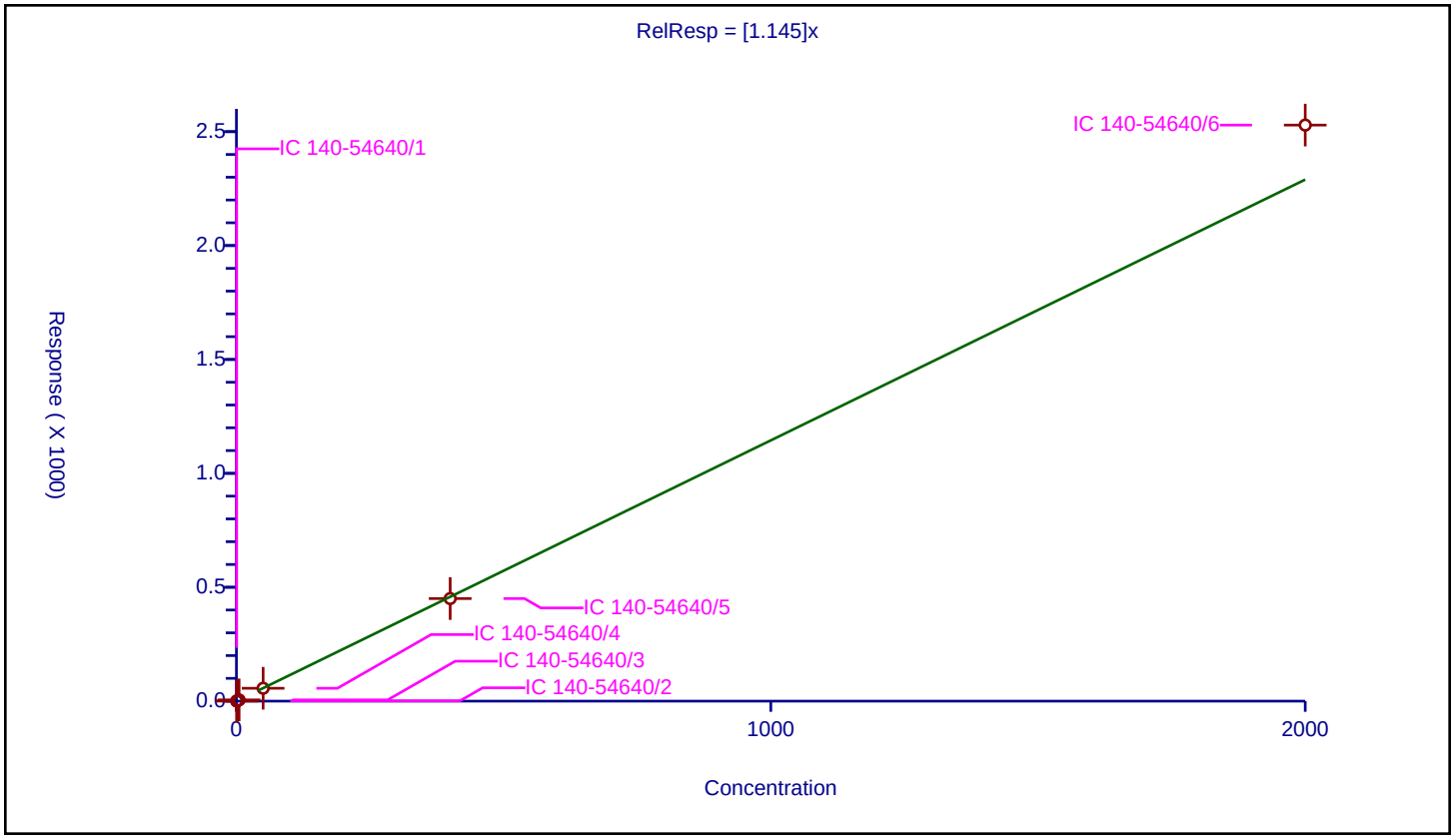
Curve Coefficients

Intercept:	0
Slope:	1.145

Error Coefficients

Standard Error:	323000000
Relative Standard Error:	5.6
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.579803	100.0	27525555.0	1.159606	Y
2	IC 140-54640/2	1.0	1.098167	100.0	27891102.0	1.098167	Y
3	IC 140-54640/3	5.0	5.450703	100.0	27991176.0	1.090141	Y
4	IC 140-54640/4	50.0	56.529172	100.0	27183331.0	1.130583	Y
5	IC 140-54640/5	400.0	450.315629	100.0	27531370.0	1.125789	Y
6	IC 140-54640/6	2000.0	2528.904187	100.0	28084685.0	1.264452	Y



Calibration / PCB-38

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

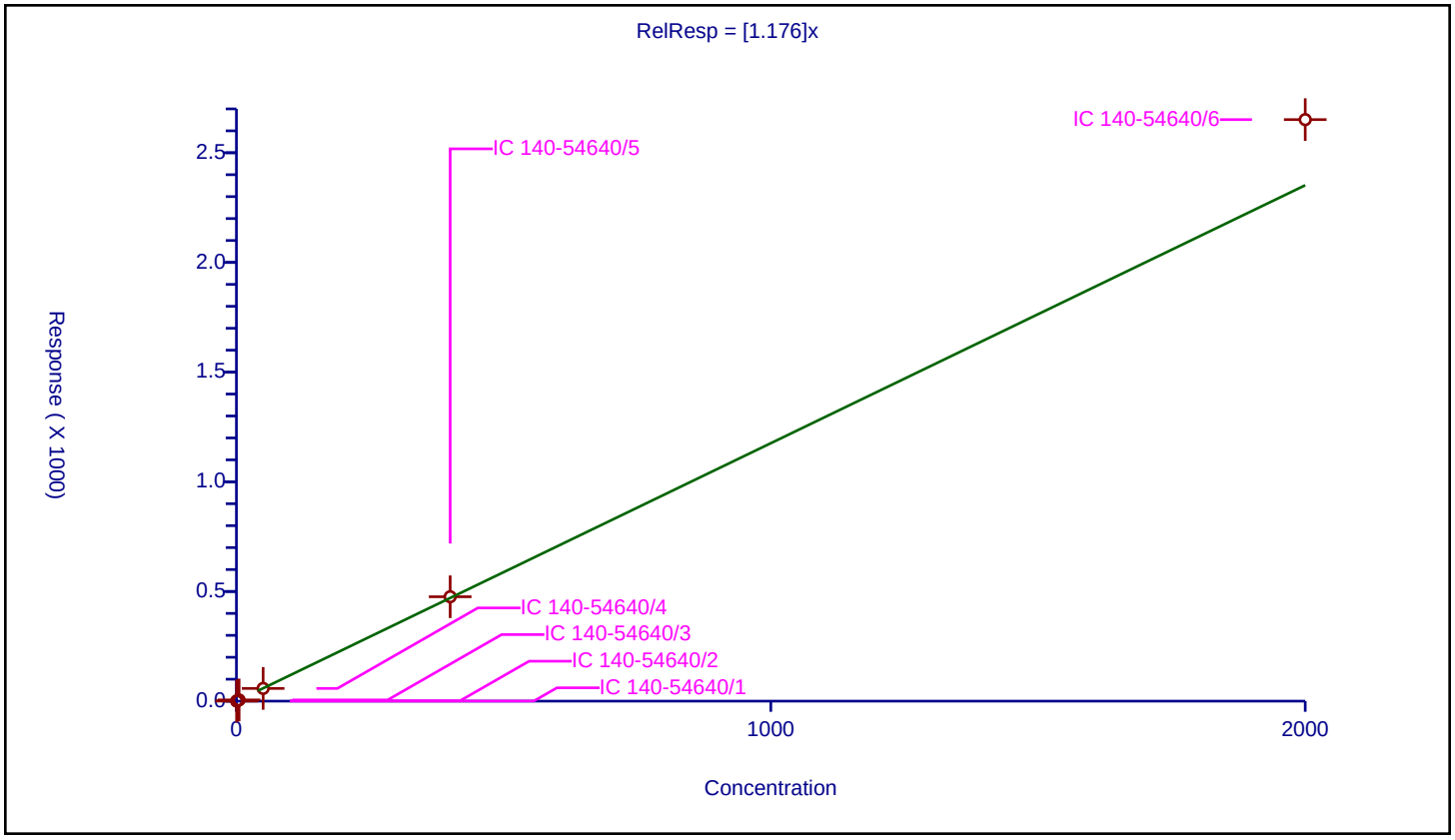
Curve Coefficients

Intercept:	0
Slope:	1.176

Error Coefficients

Standard Error:	338000000
Relative Standard Error:	6.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.551804	100.0	27525555.0	1.103607	Y
2	IC 140-54640/2	1.0	1.171162	100.0	27891102.0	1.171162	Y
3	IC 140-54640/3	5.0	5.528814	100.0	27991176.0	1.105763	Y
4	IC 140-54640/4	50.0	57.978505	100.0	27183331.0	1.15957	Y
5	IC 140-54640/5	400.0	475.965021	100.0	27531370.0	1.189913	Y
6	IC 140-54640/6	2000.0	2651.01745	100.0	28084685.0	1.325509	Y



Calibration / PCB-39

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

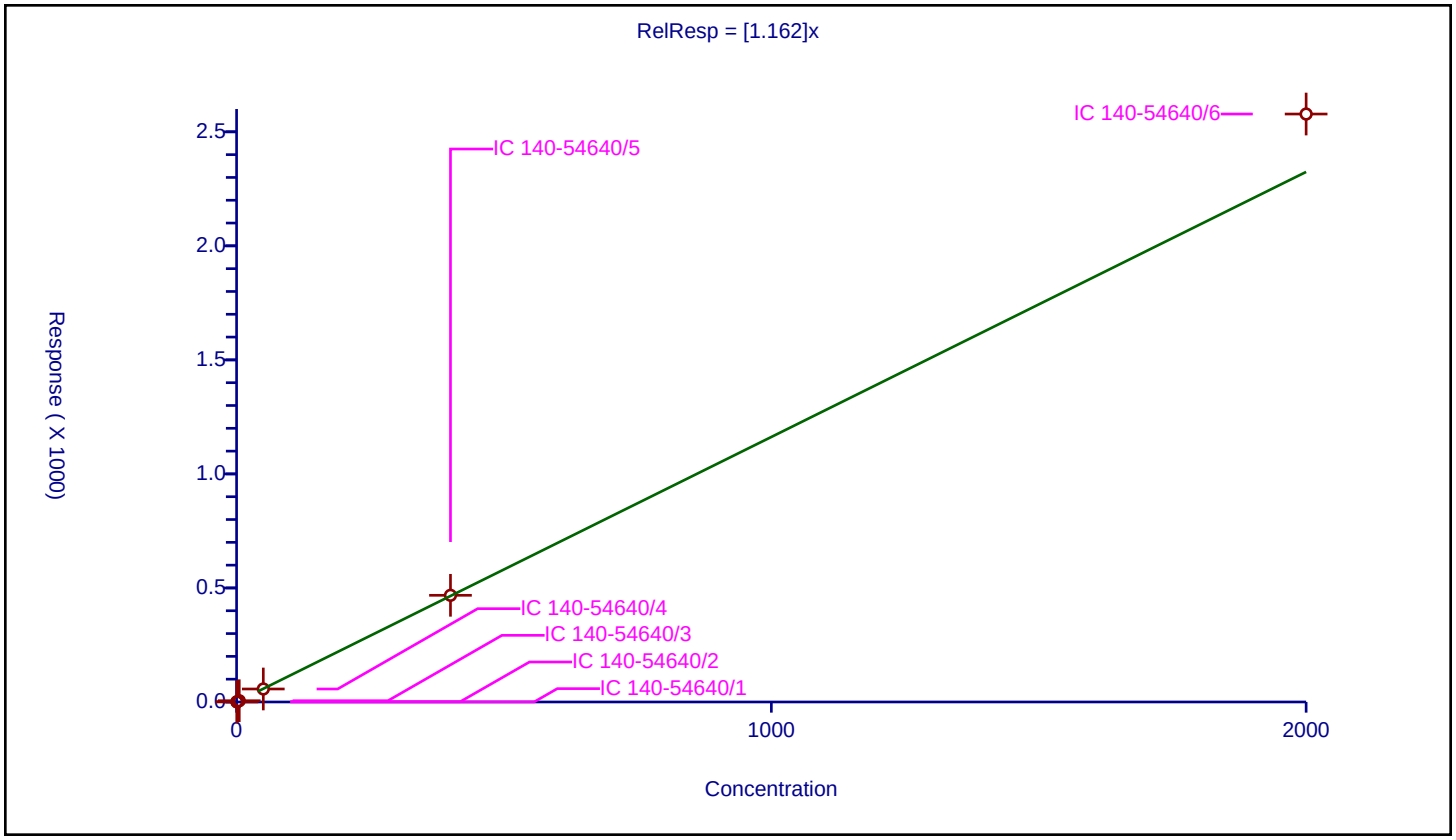
Curve Coefficients

Intercept:	0
Slope:	1.162

Error Coefficients

Standard Error:	329000000
Relative Standard Error:	5.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.573216	100.0	27525555.0	1.146433	Y
2	IC 140-54640/2	1.0	1.124	100.0	27891102.0	1.124	Y
3	IC 140-54640/3	5.0	5.518457	100.0	27991176.0	1.103691	Y
4	IC 140-54640/4	50.0	57.010357	100.0	27183331.0	1.140207	Y
5	IC 140-54640/5	400.0	467.732209	100.0	27531370.0	1.169331	Y
6	IC 140-54640/6	2000.0	2578.033334	100.0	28084685.0	1.289017	Y



Calibration / PCB-4

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

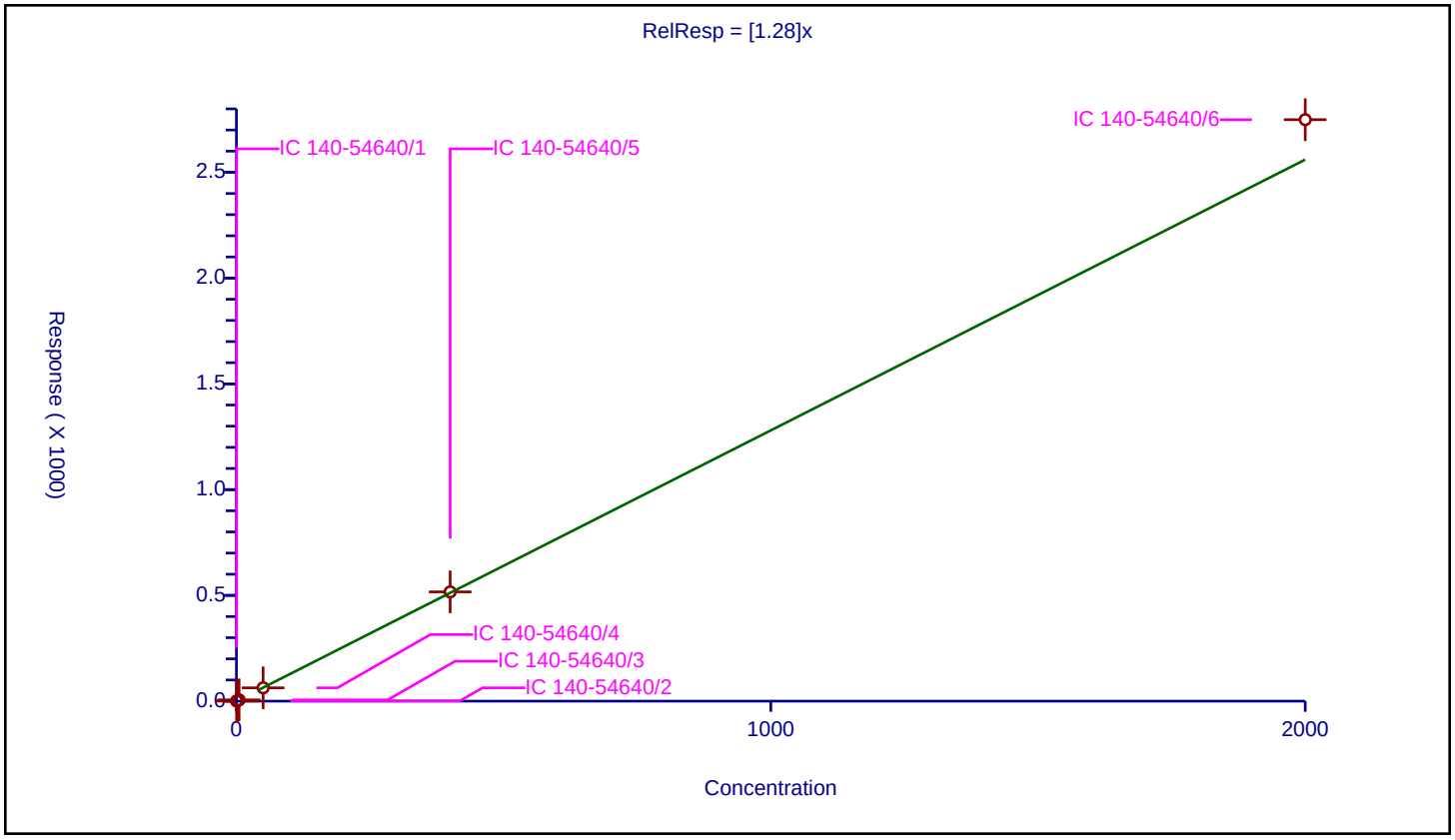
Curve Coefficients

Intercept:	0
Slope:	1.28

Error Coefficients

Standard Error:	154000000
Relative Standard Error:	4.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.658204	100.0	12405884.0	1.316408	Y
2	IC 140-54640/2	1.0	1.242202	100.0	12725624.0	1.242202	Y
3	IC 140-54640/3	5.0	5.982033	100.0	12672398.0	1.196407	Y
4	IC 140-54640/4	50.0	62.976178	100.0	12271526.0	1.259524	Y
5	IC 140-54640/5	400.0	516.559404	100.0	11924149.0	1.291399	Y
6	IC 140-54640/6	2000.0	2748.945131	100.0	12348832.0	1.374473	Y



Calibration / PCB-40

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

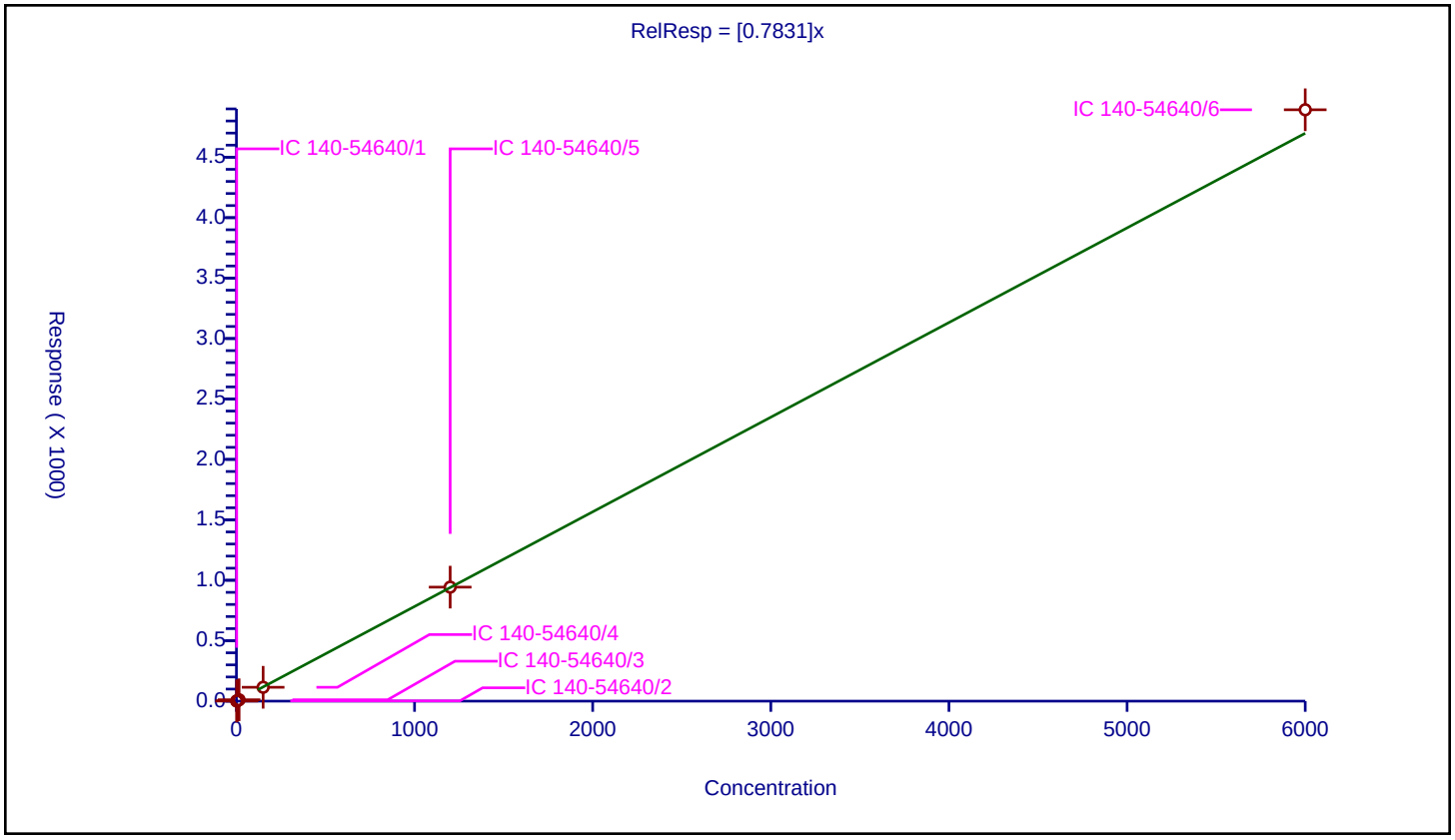
Curve Coefficients

Intercept:	0
Slope:	0.7831

Error Coefficients

Standard Error:	493000000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.210231	100.0	21863922.0	0.806821	Y
2	IC 140-54640/2	3.0	2.295604	100.0	22002358.0	0.765201	Y
3	IC 140-54640/3	15.0	11.402326	100.0	22105797.0	0.760155	Y
4	IC 140-54640/4	150.0	114.727656	100.0	21207598.0	0.764851	Y
5	IC 140-54640/5	1200.0	943.166809	100.0	21576172.0	0.785972	Y
6	IC 140-54640/6	6000.0	4892.718923	100.0	22140336.0	0.815453	Y



Calibration / PCB-40/41/71

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

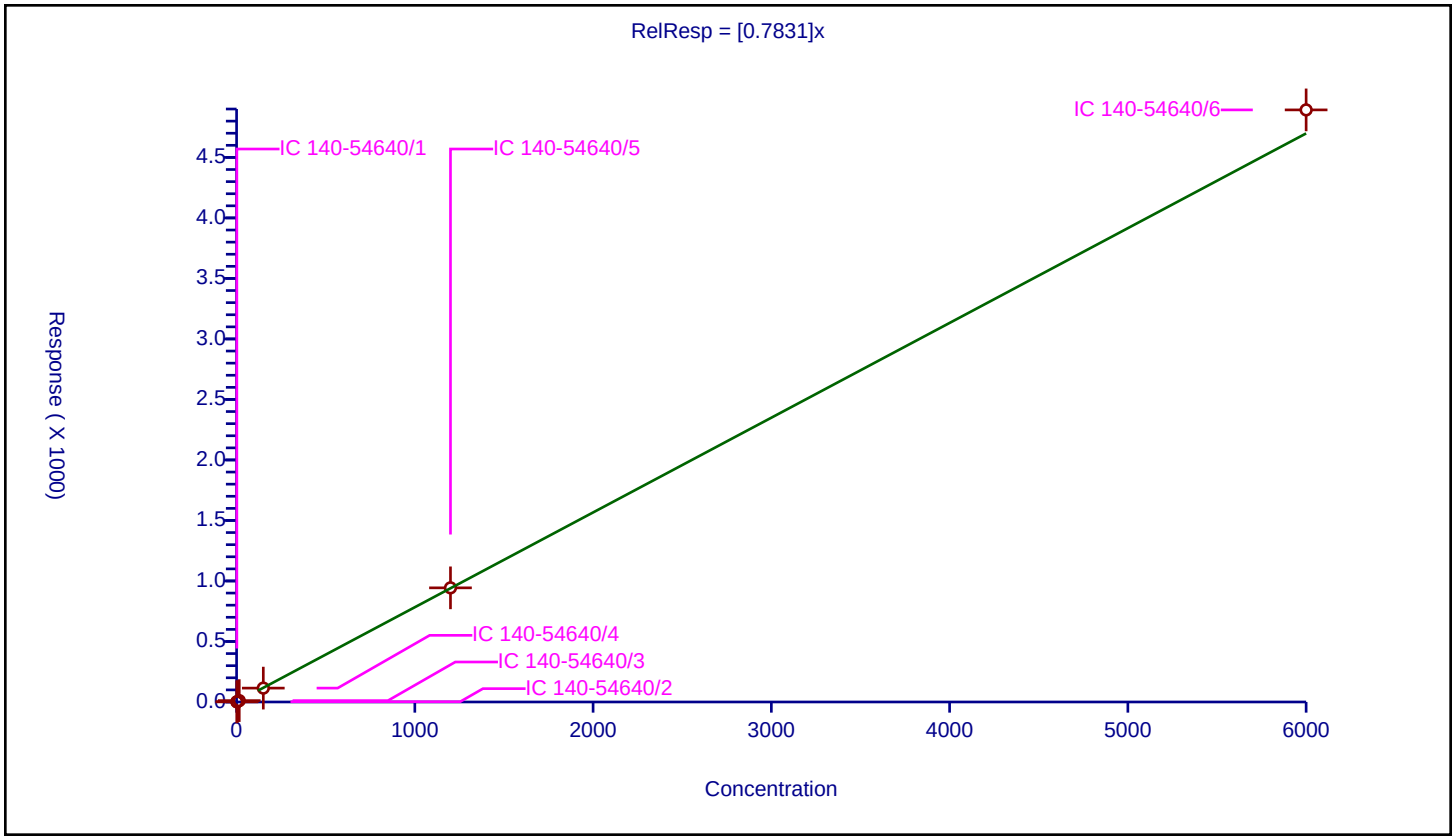
Curve Coefficients

Intercept:	0
Slope:	0.7831

Error Coefficients

Standard Error:	493000000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.210231	100.0	21863922.0	0.806821	Y
2	IC 140-54640/2	3.0	2.295604	100.0	22002358.0	0.765201	Y
3	IC 140-54640/3	15.0	11.402326	100.0	22105797.0	0.760155	Y
4	IC 140-54640/4	150.0	114.727656	100.0	21207598.0	0.764851	Y
5	IC 140-54640/5	1200.0	943.166809	100.0	21576172.0	0.785972	Y
6	IC 140-54640/6	6000.0	4892.718923	100.0	22140336.0	0.815453	Y



Calibration / PCB-41

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

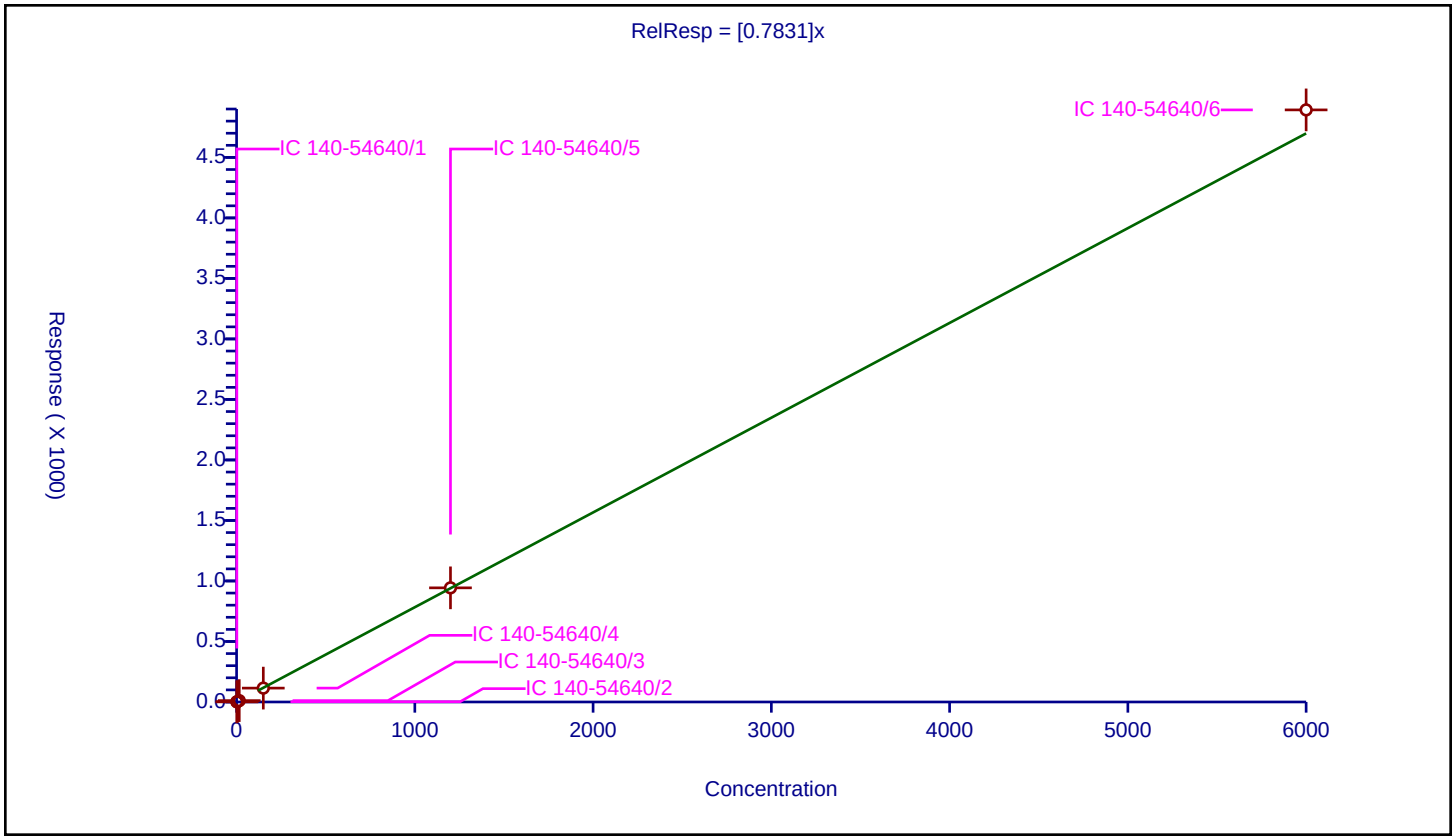
Curve Coefficients

Intercept:	0
Slope:	0.7831

Error Coefficients

Standard Error:	493000000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.210231	100.0	21863922.0	0.806821	Y
2	IC 140-54640/2	3.0	2.295604	100.0	22002358.0	0.765201	Y
3	IC 140-54640/3	15.0	11.402326	100.0	22105797.0	0.760155	Y
4	IC 140-54640/4	150.0	114.727656	100.0	21207598.0	0.764851	Y
5	IC 140-54640/5	1200.0	943.166809	100.0	21576172.0	0.785972	Y
6	IC 140-54640/6	6000.0	4892.718923	100.0	22140336.0	0.815453	Y



Calibration / PCB-42

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

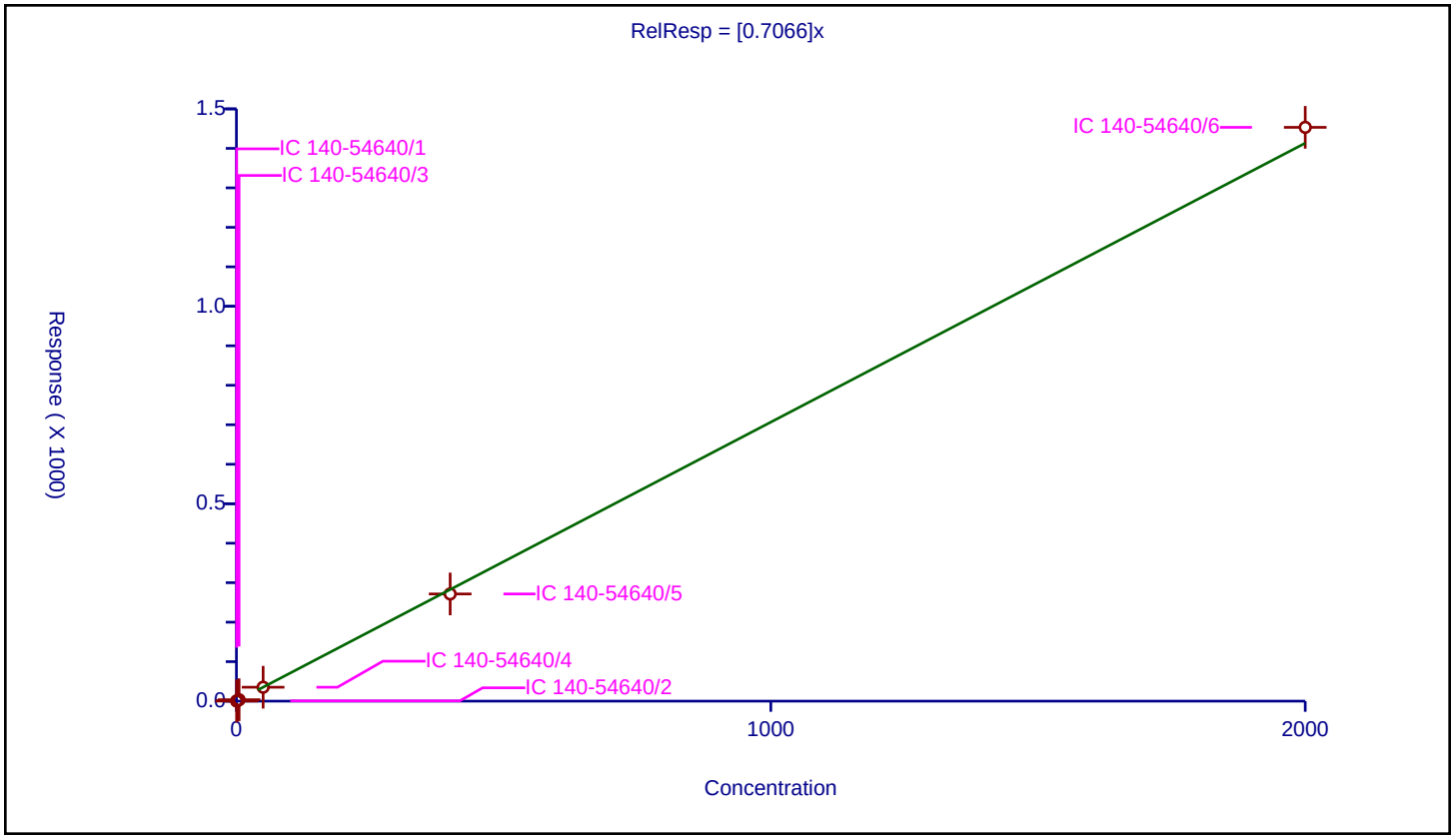
Curve Coefficients

Intercept:	0
Slope:	0.7066

Error Coefficients

Standard Error:	146000000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.364088	100.0	21863922.0	0.728177	Y
2	IC 140-54640/2	1.0	0.685354	100.0	22002358.0	0.685354	Y
3	IC 140-54640/3	5.0	3.581477	100.0	22105797.0	0.716295	Y
4	IC 140-54640/4	50.0	35.224824	100.0	21207598.0	0.704496	Y
5	IC 140-54640/5	400.0	271.50933	100.0	21576172.0	0.678773	Y
6	IC 140-54640/6	2000.0	1453.220728	100.0	22140336.0	0.72661	Y



Calibration / PCB-43

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

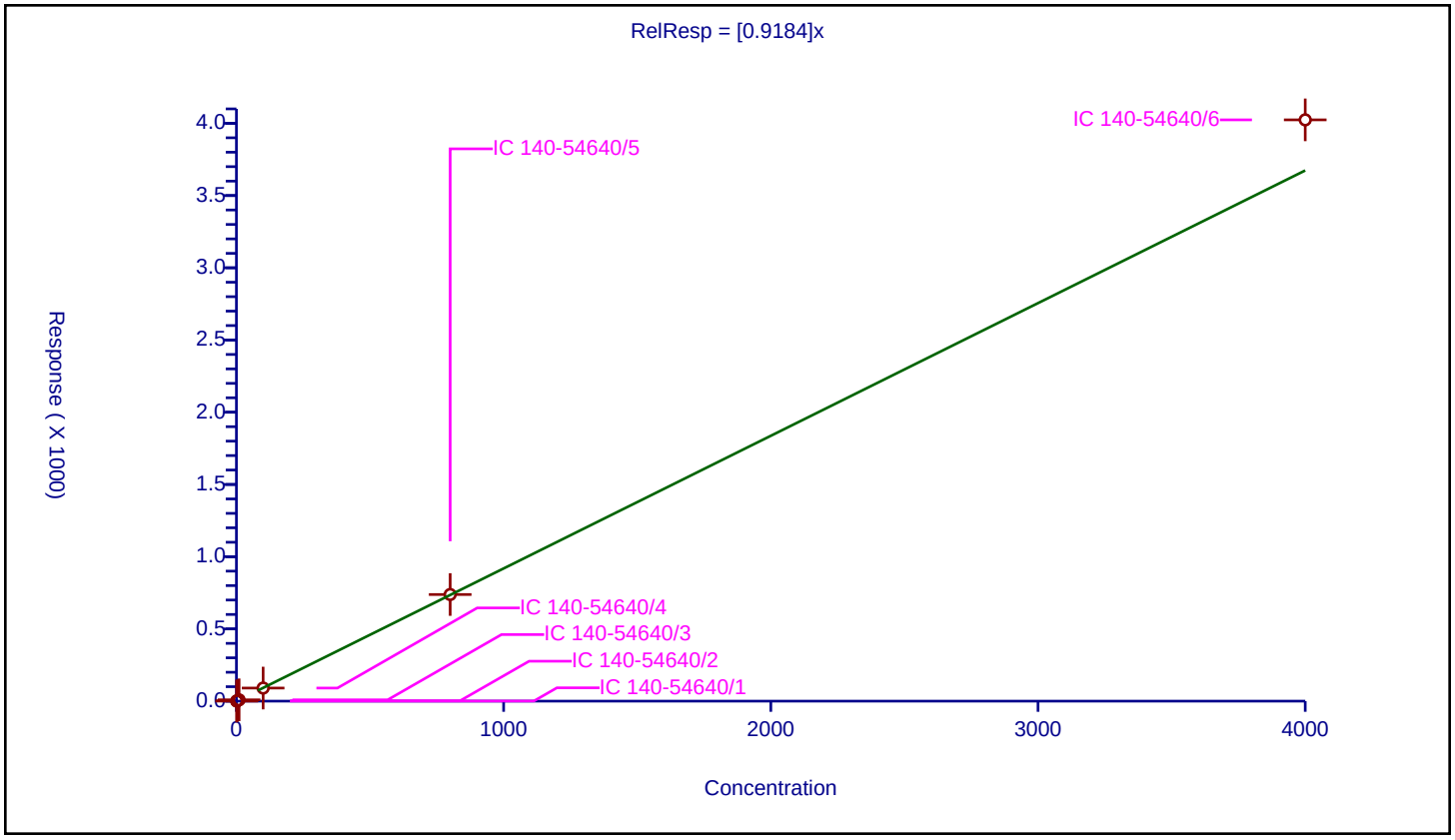
Curve Coefficients

Intercept:	0
Slope:	0.9184

Error Coefficients

Standard Error:	405000000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.888198	100.0	21863922.0	0.888198	Y
2	IC 140-54640/2	2.0	1.753912	100.0	22002358.0	0.876956	Y
3	IC 140-54640/3	10.0	9.110425	100.0	22105797.0	0.911042	Y
4	IC 140-54640/4	100.0	90.580876	100.0	21207598.0	0.905809	Y
5	IC 140-54640/5	800.0	738.15206	100.0	21576172.0	0.92269	Y
6	IC 140-54640/6	4000.0	4024.014902	100.0	22140336.0	1.006004	Y



Calibration / PCB-43/73

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

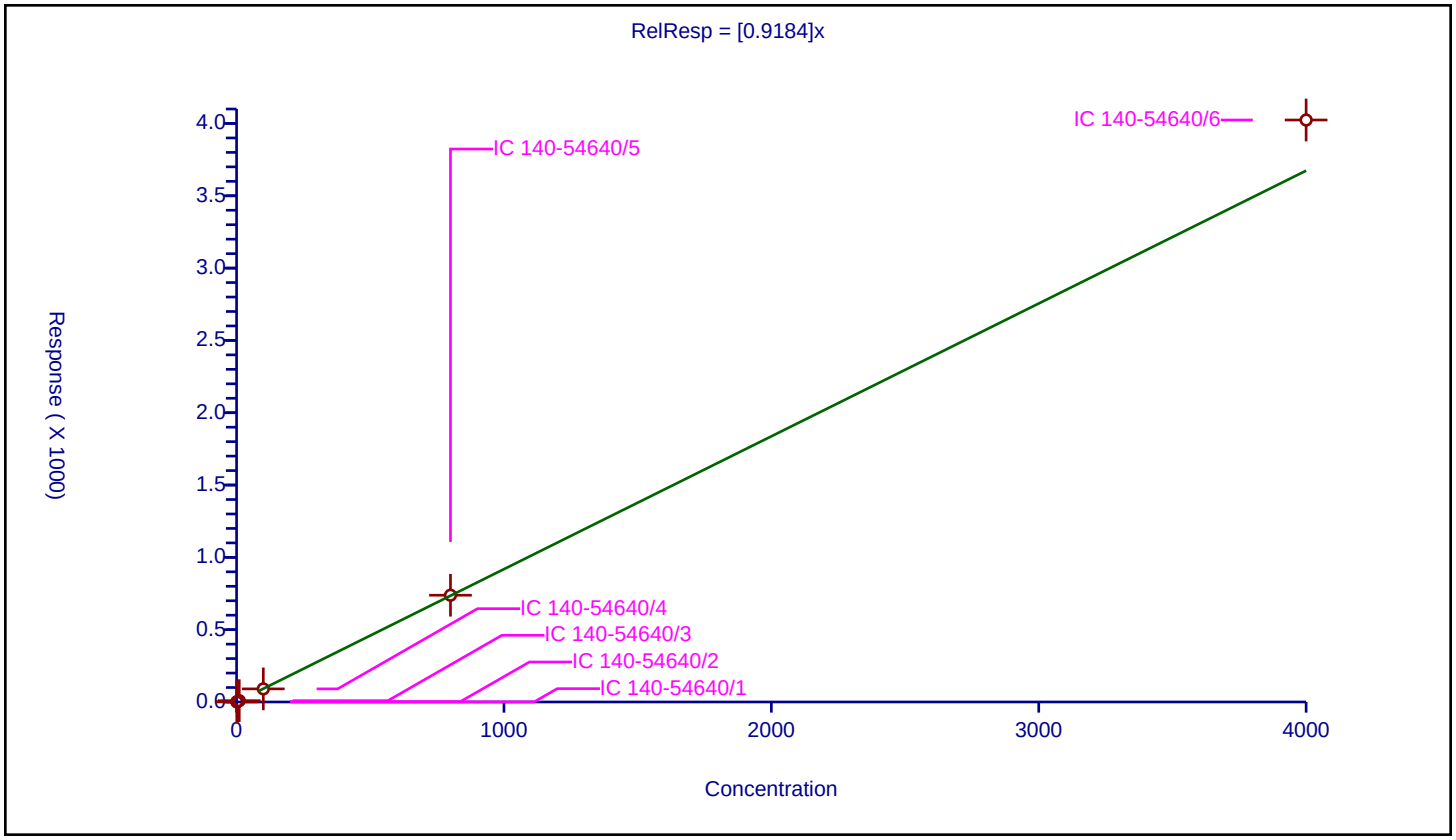
Curve Coefficients

Intercept:	0
Slope:	0.9184

Error Coefficients

Standard Error:	405000000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.888198	100.0	21863922.0	0.888198	Y
2	IC 140-54640/2	2.0	1.753912	100.0	22002358.0	0.876956	Y
3	IC 140-54640/3	10.0	9.110425	100.0	22105797.0	0.911042	Y
4	IC 140-54640/4	100.0	90.580876	100.0	21207598.0	0.905809	Y
5	IC 140-54640/5	800.0	738.15206	100.0	21576172.0	0.92269	Y
6	IC 140-54640/6	4000.0	4024.014902	100.0	22140336.0	1.006004	Y



Calibration / PCB-44

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

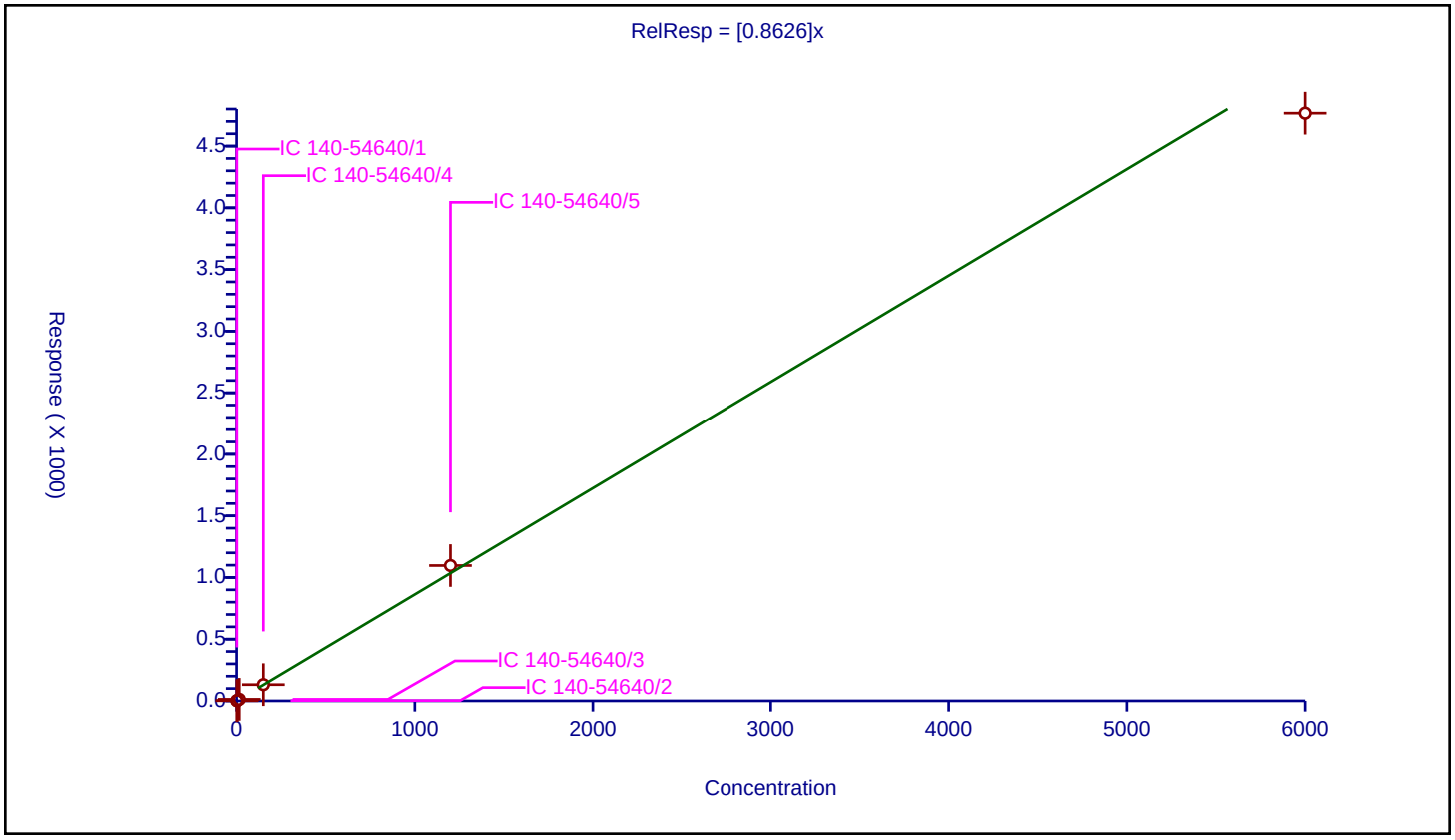
Curve Coefficients

Intercept:	0
Slope:	0.8626

Error Coefficients

Standard Error:	484000000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.364618	100.0	21863922.0	0.909745	Y
2	IC 140-54640/2	3.0	2.502736	100.0	22002358.0	0.834245	Y
3	IC 140-54640/3	15.0	12.704107	100.0	22105797.0	0.84694	Y
4	IC 140-54640/4	150.0	131.388637	100.0	21207598.0	0.875924	Y
5	IC 140-54640/5	1200.0	1097.084209	100.0	21576172.0	0.914237	Y
6	IC 140-54640/6	6000.0	4766.343121	100.0	22140336.0	0.794391	Y



Calibration / PCB-44/47/65

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

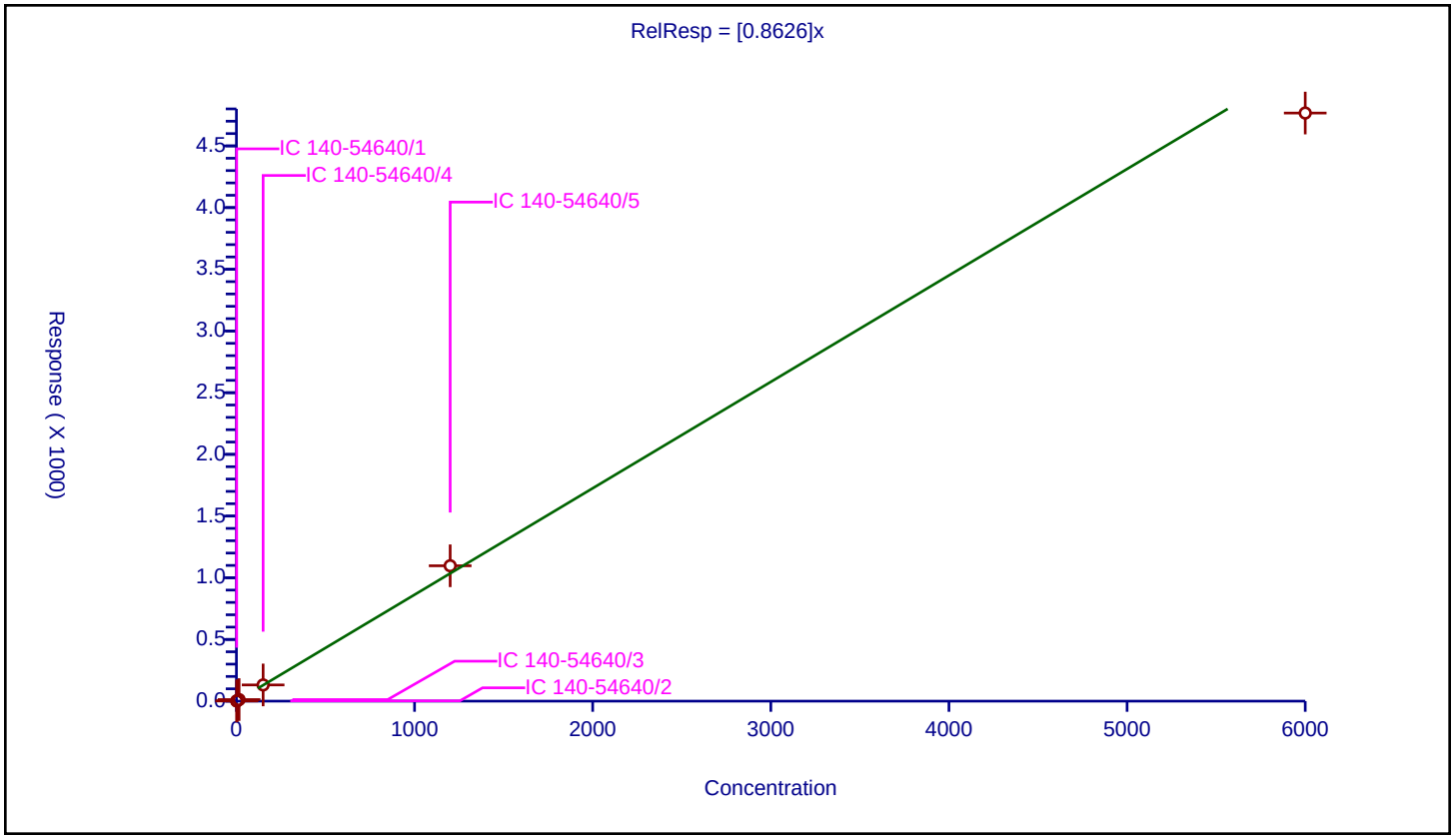
Curve Coefficients

Intercept:	0
Slope:	0.8626

Error Coefficients

Standard Error:	484000000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.364618	100.0	21863922.0	0.909745	Y
2	IC 140-54640/2	3.0	2.502736	100.0	22002358.0	0.834245	Y
3	IC 140-54640/3	15.0	12.704107	100.0	22105797.0	0.84694	Y
4	IC 140-54640/4	150.0	131.388637	100.0	21207598.0	0.875924	Y
5	IC 140-54640/5	1200.0	1097.084209	100.0	21576172.0	0.914237	Y
6	IC 140-54640/6	6000.0	4766.343121	100.0	22140336.0	0.794391	Y



Calibration / PCB-45

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

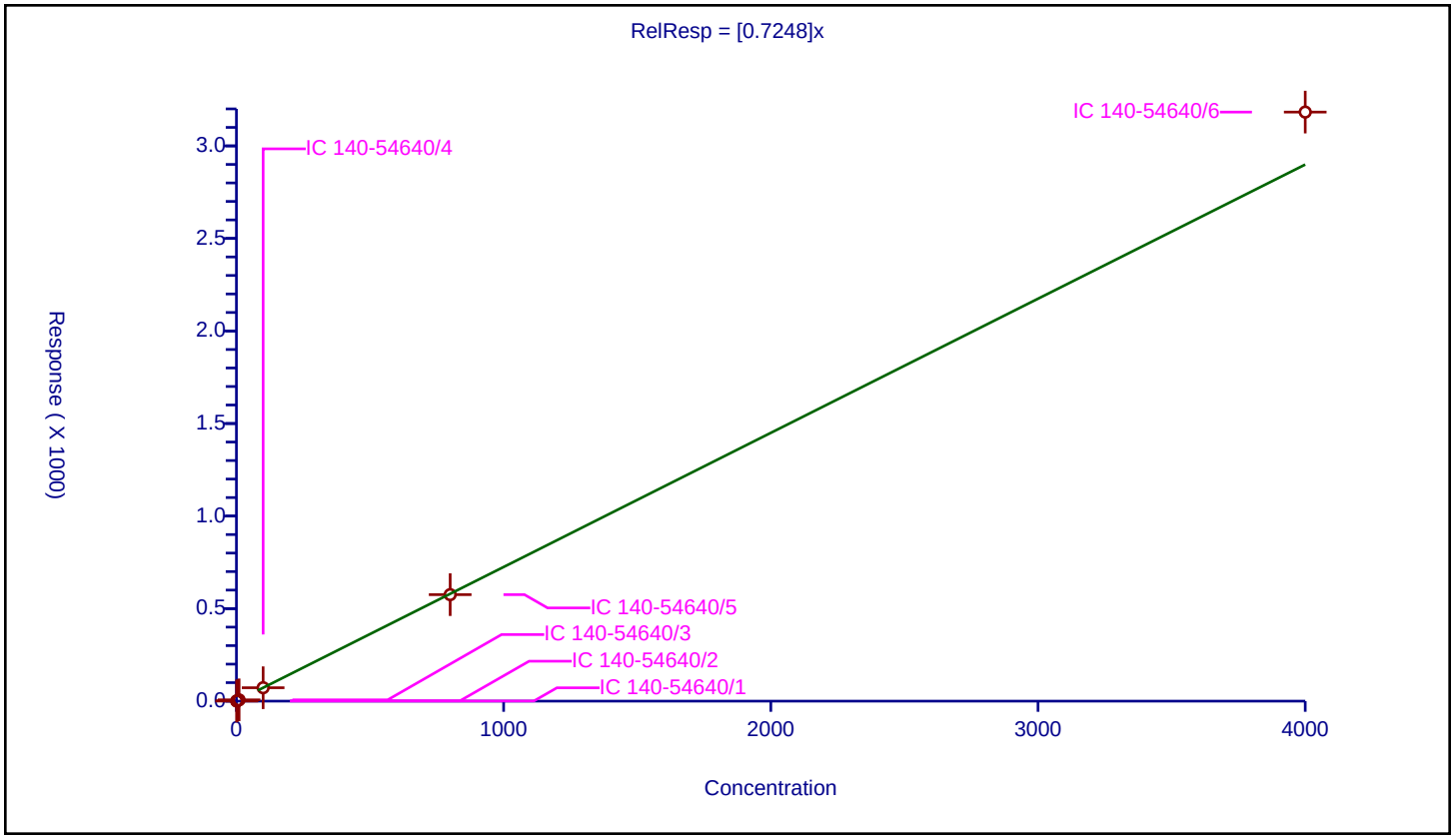
Curve Coefficients

Intercept:	0
Slope:	0.7248

Error Coefficients

Standard Error:	320000000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.723955	100.0	21863922.0	0.723955	Y
2	IC 140-54640/2	2.0	1.376134	100.0	22002358.0	0.688067	Y
3	IC 140-54640/3	10.0	6.965702	100.0	22105797.0	0.69657	Y
4	IC 140-54640/4	100.0	72.522343	100.0	21207598.0	0.725223	Y
5	IC 140-54640/5	800.0	575.390913	100.0	21576172.0	0.719239	Y
6	IC 140-54640/6	4000.0	3182.784371	100.0	22140336.0	0.795696	Y



Calibration / PCB-45/51

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

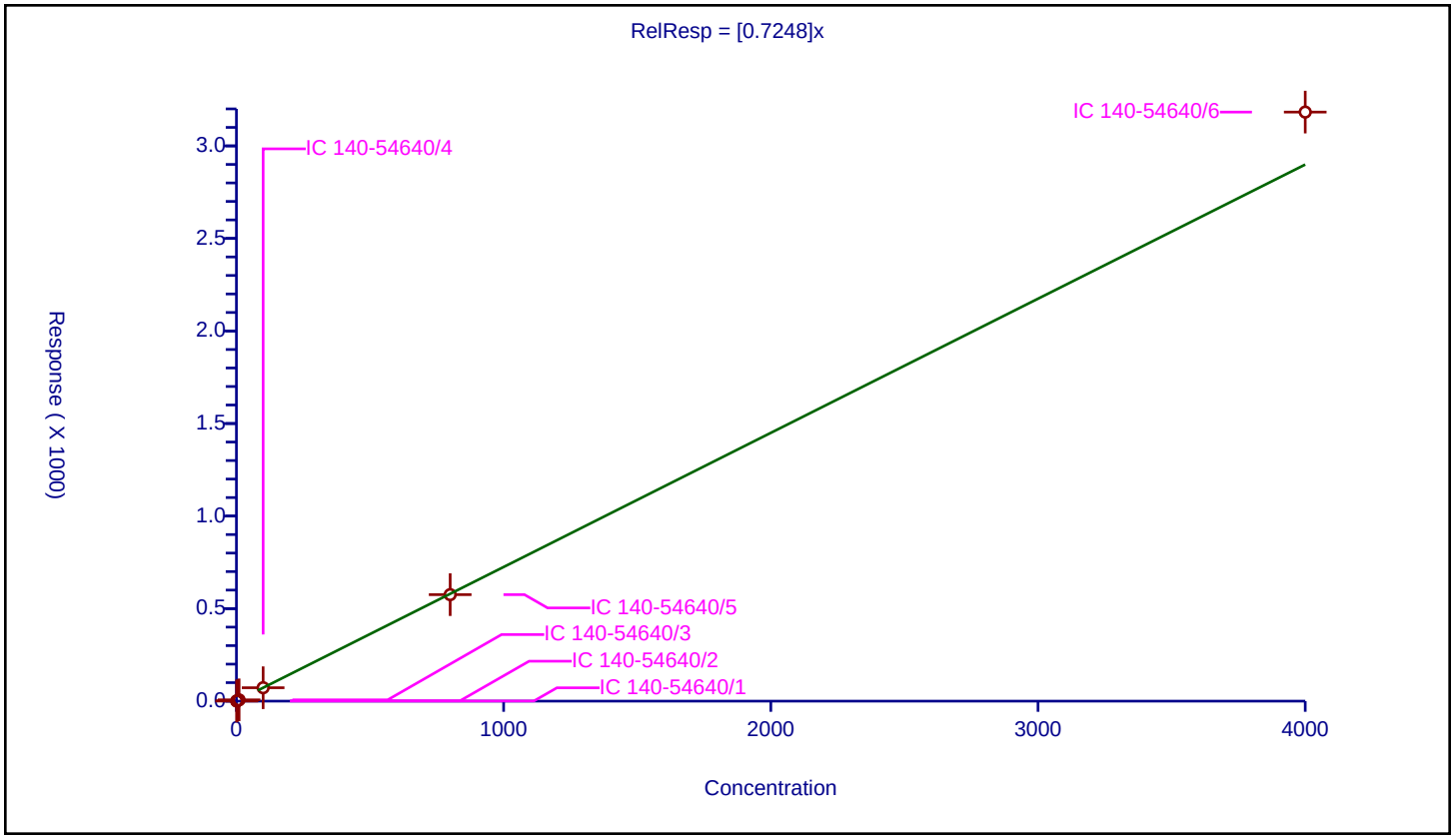
Curve Coefficients

Intercept:	0
Slope:	0.7248

Error Coefficients

Standard Error:	320000000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.723955	100.0	21863922.0	0.723955	Y
2	IC 140-54640/2	2.0	1.376134	100.0	22002358.0	0.688067	Y
3	IC 140-54640/3	10.0	6.965702	100.0	22105797.0	0.69657	Y
4	IC 140-54640/4	100.0	72.522343	100.0	21207598.0	0.725223	Y
5	IC 140-54640/5	800.0	575.390913	100.0	21576172.0	0.719239	Y
6	IC 140-54640/6	4000.0	3182.784371	100.0	22140336.0	0.795696	Y



Calibration / PCB-46

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

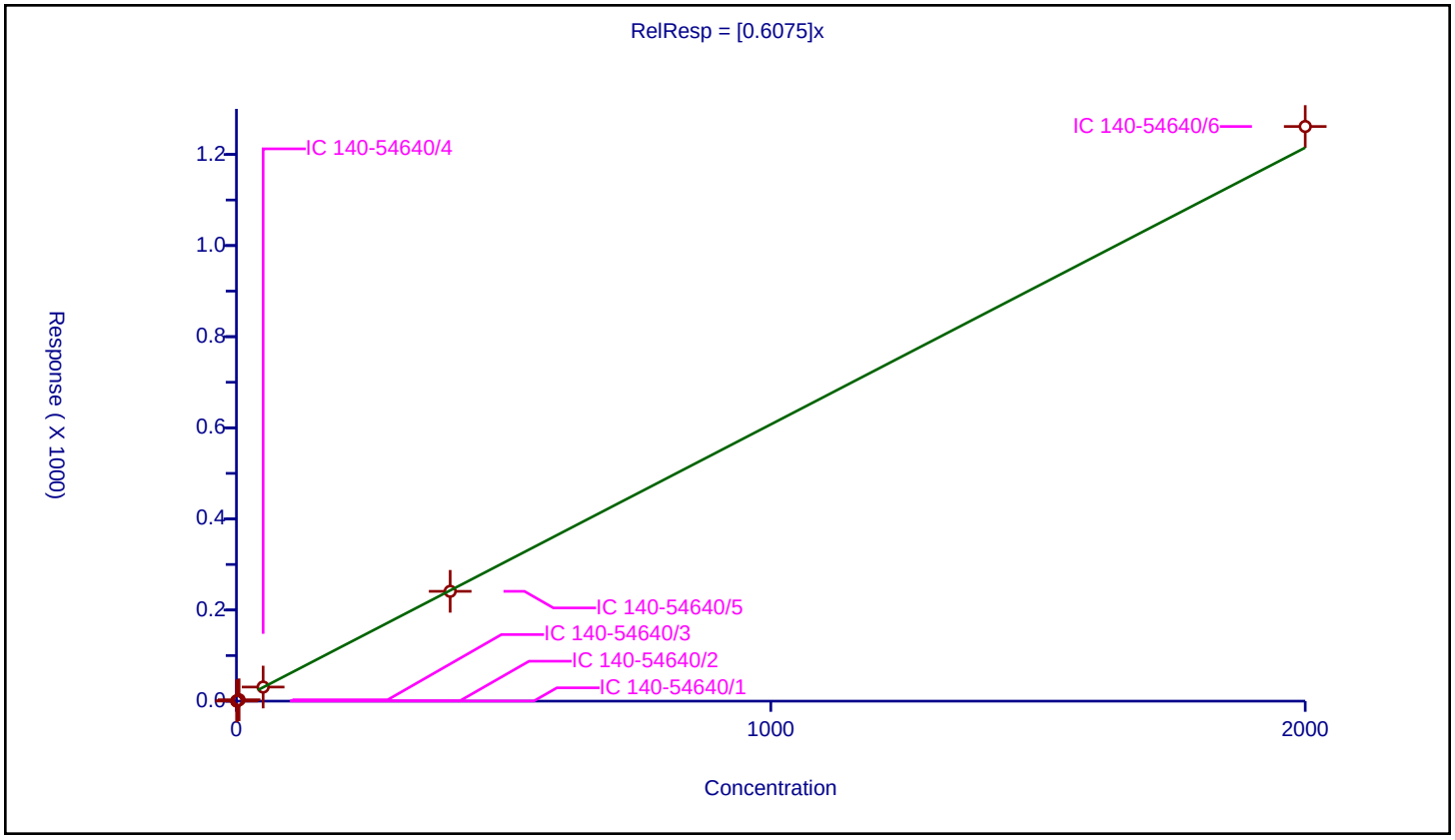
Curve Coefficients

Intercept:	0
Slope:	0.6075

Error Coefficients

Standard Error:	127000000
Relative Standard Error:	2.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.298995	100.0	21863922.0	0.59799	Y
2	IC 140-54640/2	1.0	0.593559	100.0	22002358.0	0.593559	Y
3	IC 140-54640/3	5.0	3.006913	100.0	22105797.0	0.601383	Y
4	IC 140-54640/4	50.0	30.926916	100.0	21207598.0	0.618538	Y
5	IC 140-54640/5	400.0	241.06633	100.0	21576172.0	0.602666	Y
6	IC 140-54640/6	2000.0	1261.335655	100.0	22140336.0	0.630668	Y



Calibration / PCB-47

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

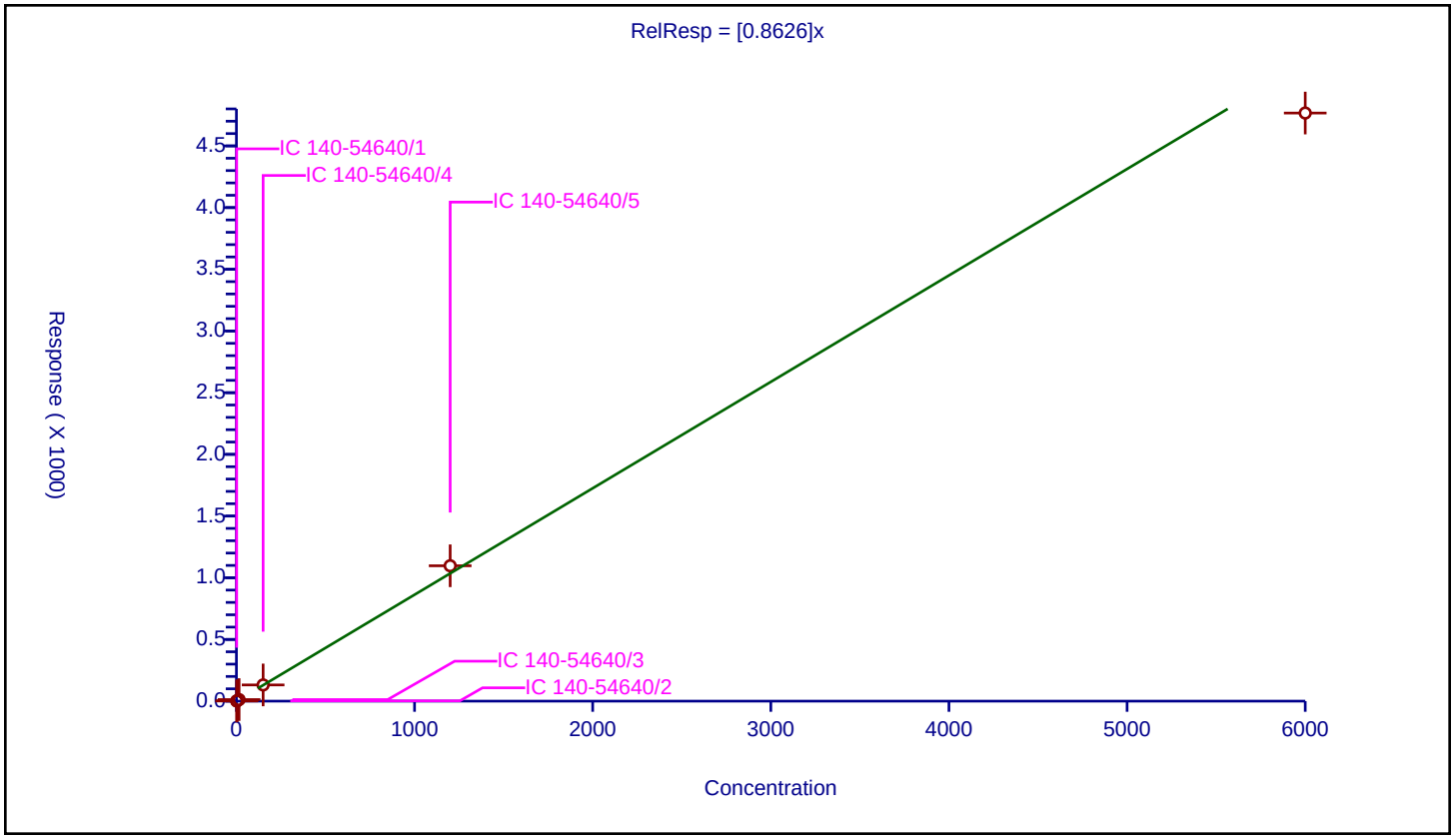
Curve Coefficients

Intercept:	0
Slope:	0.8626

Error Coefficients

Standard Error:	484000000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.364618	100.0	21863922.0	0.909745	Y
2	IC 140-54640/2	3.0	2.502736	100.0	22002358.0	0.834245	Y
3	IC 140-54640/3	15.0	12.704107	100.0	22105797.0	0.84694	Y
4	IC 140-54640/4	150.0	131.388637	100.0	21207598.0	0.875924	Y
5	IC 140-54640/5	1200.0	1097.084209	100.0	21576172.0	0.914237	Y
6	IC 140-54640/6	6000.0	4766.343121	100.0	22140336.0	0.794391	Y



Calibration / PCB-48

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

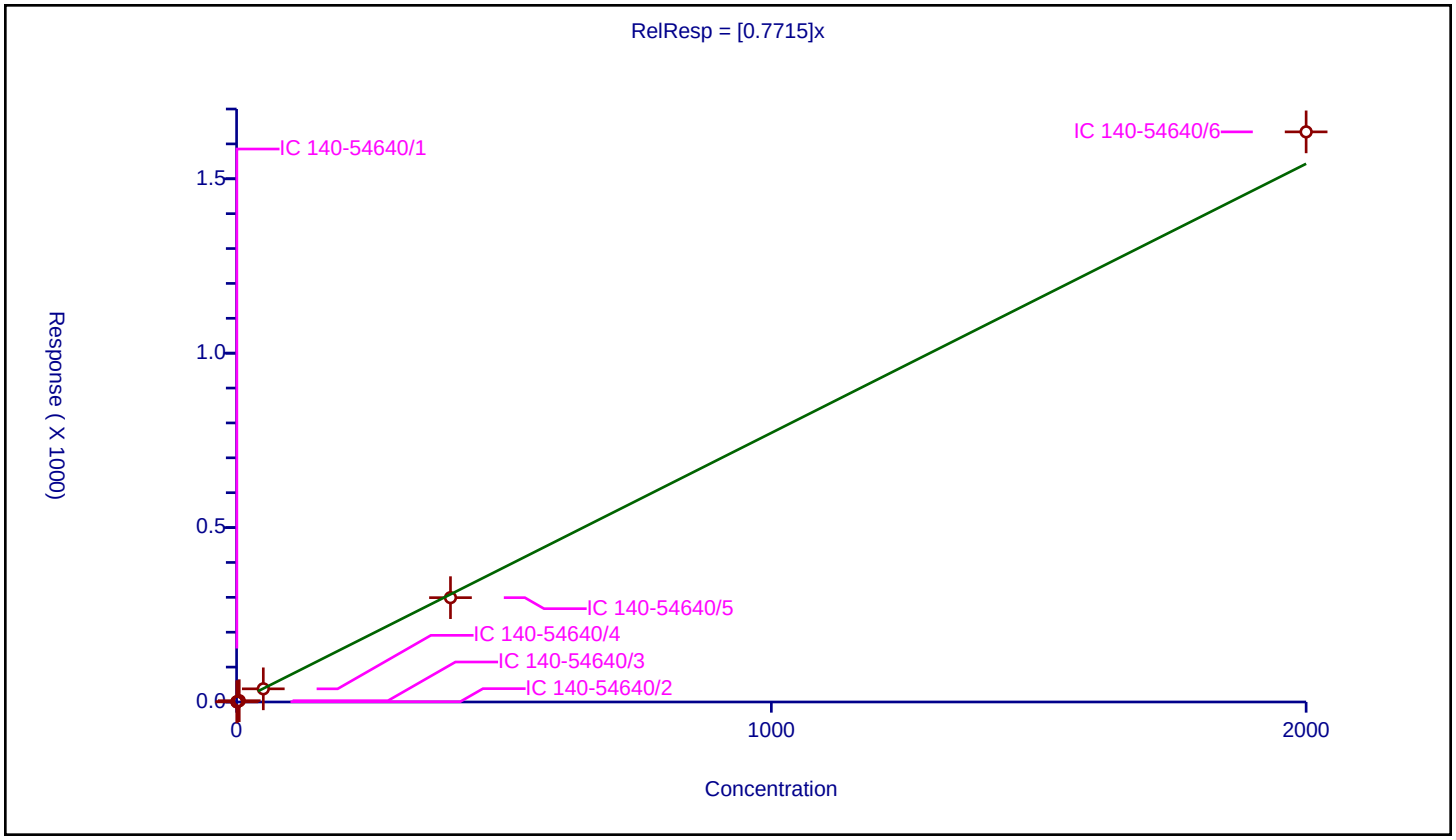
Curve Coefficients

Intercept:	0
Slope:	0.7715

Error Coefficients

Standard Error:	164000000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.396503	100.0	21863922.0	0.793005	Y
2	IC 140-54640/2	1.0	0.768927	100.0	22002358.0	0.768927	Y
3	IC 140-54640/3	5.0	3.735943	100.0	22105797.0	0.747189	Y
4	IC 140-54640/4	50.0	37.747603	100.0	21207598.0	0.754952	Y
5	IC 140-54640/5	400.0	299.098923	100.0	21576172.0	0.747747	Y
6	IC 140-54640/6	2000.0	1634.448371	100.0	22140336.0	0.817224	Y



Calibration / PCB-49

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

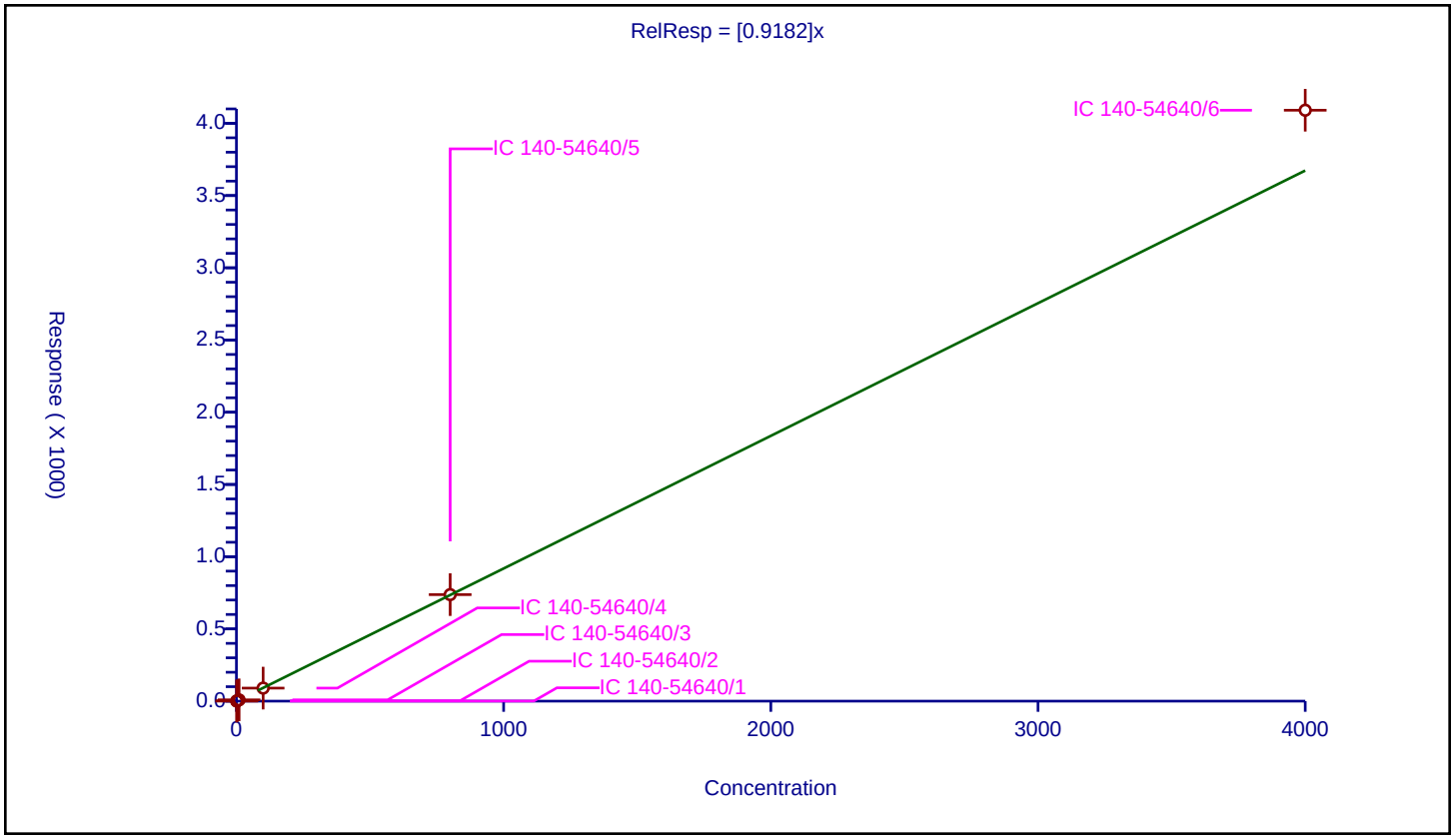
Curve Coefficients

Intercept:	0
Slope:	0.9182

Error Coefficients

Standard Error:	411000000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.903818	100.0	21863922.0	0.903818	Y
2	IC 140-54640/2	2.0	1.744122	100.0	22002358.0	0.872061	Y
3	IC 140-54640/3	10.0	8.858776	100.0	22105797.0	0.885878	Y
4	IC 140-54640/4	100.0	90.327891	100.0	21207598.0	0.903279	Y
5	IC 140-54640/5	800.0	737.389839	100.0	21576172.0	0.921737	Y
6	IC 140-54640/6	4000.0	4090.773636	100.0	22140336.0	1.022693	Y



Calibration / PCB-49/69

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

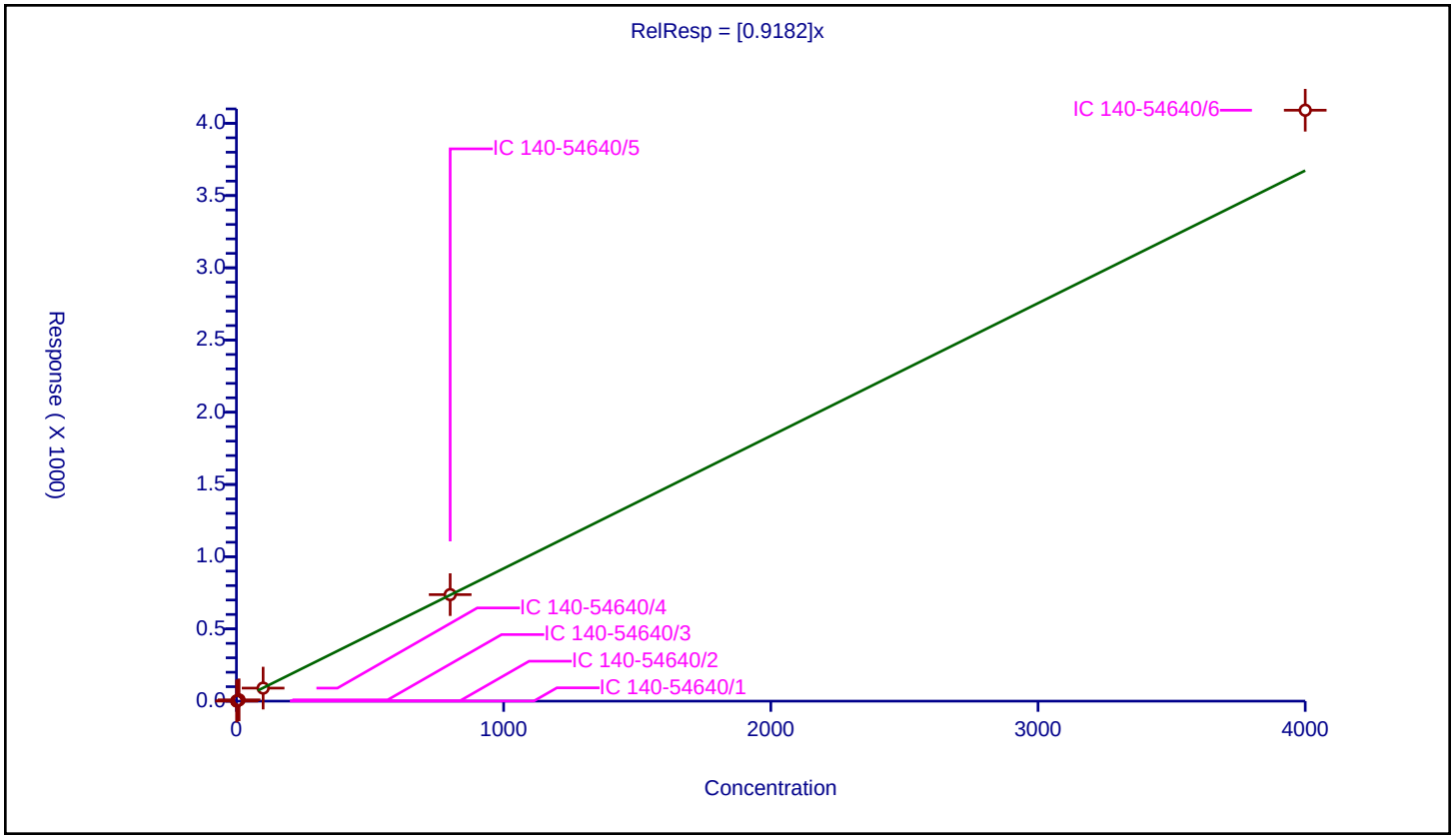
Curve Coefficients

Intercept:	0
Slope:	0.9182

Error Coefficients

Standard Error:	411000000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.903818	100.0	21863922.0	0.903818	Y
2	IC 140-54640/2	2.0	1.744122	100.0	22002358.0	0.872061	Y
3	IC 140-54640/3	10.0	8.858776	100.0	22105797.0	0.885878	Y
4	IC 140-54640/4	100.0	90.327891	100.0	21207598.0	0.903279	Y
5	IC 140-54640/5	800.0	737.389839	100.0	21576172.0	0.921737	Y
6	IC 140-54640/6	4000.0	4090.773636	100.0	22140336.0	1.022693	Y



Calibration / PCB-5

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

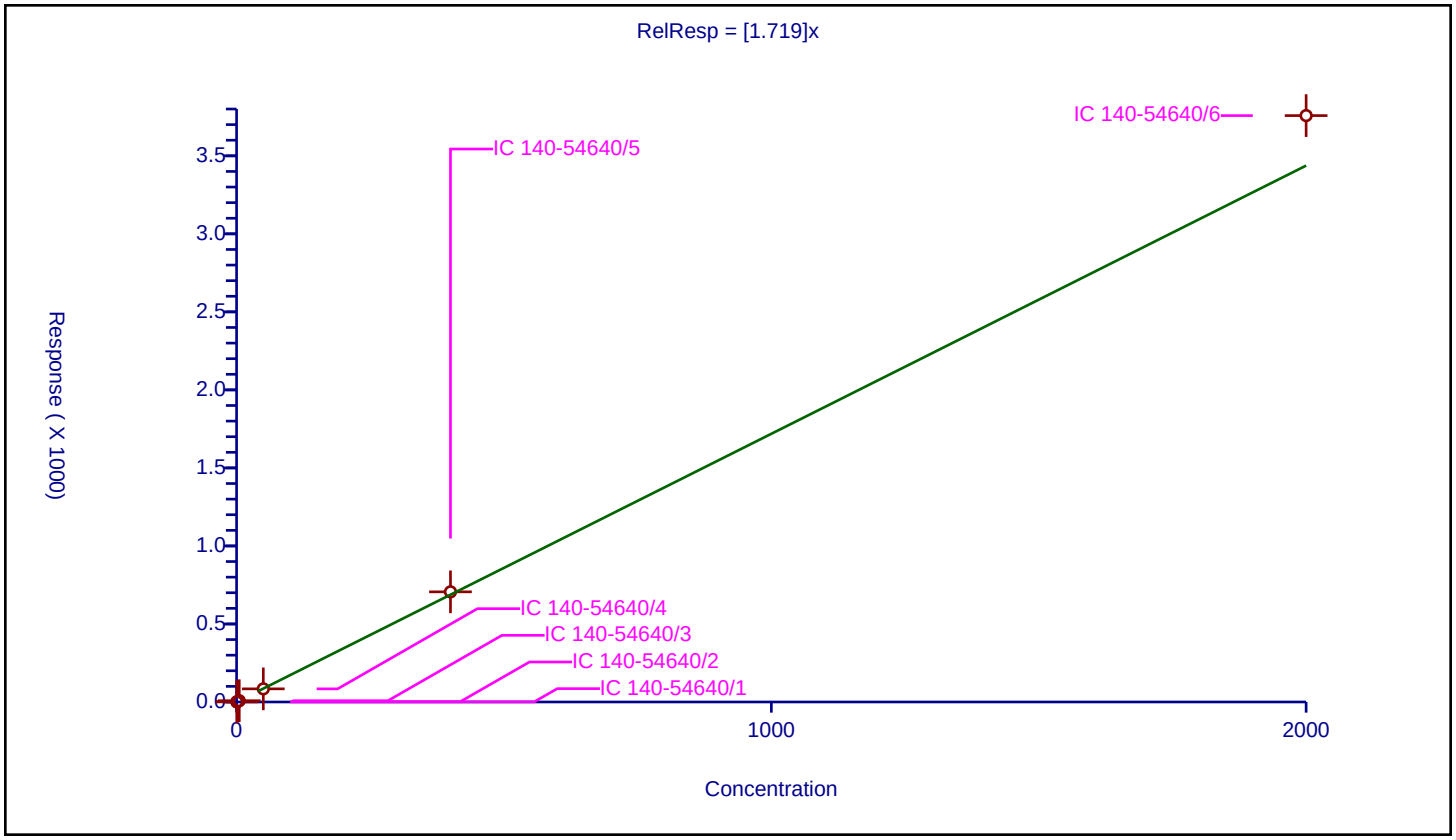
Curve Coefficients

Intercept:	0
Slope:	1.719

Error Coefficients

Standard Error:	211000000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.857472	100.0	12405884.0	1.714944	Y
2	IC 140-54640/2	1.0	1.630608	100.0	12725624.0	1.630608	Y
3	IC 140-54640/3	5.0	8.199151	100.0	12672398.0	1.63983	Y
4	IC 140-54640/4	50.0	84.13529	100.0	12271526.0	1.682706	Y
5	IC 140-54640/5	400.0	705.941372	100.0	11924149.0	1.764853	Y
6	IC 140-54640/6	2000.0	3757.850273	100.0	12348832.0	1.878925	Y



Calibration / PCB-50

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

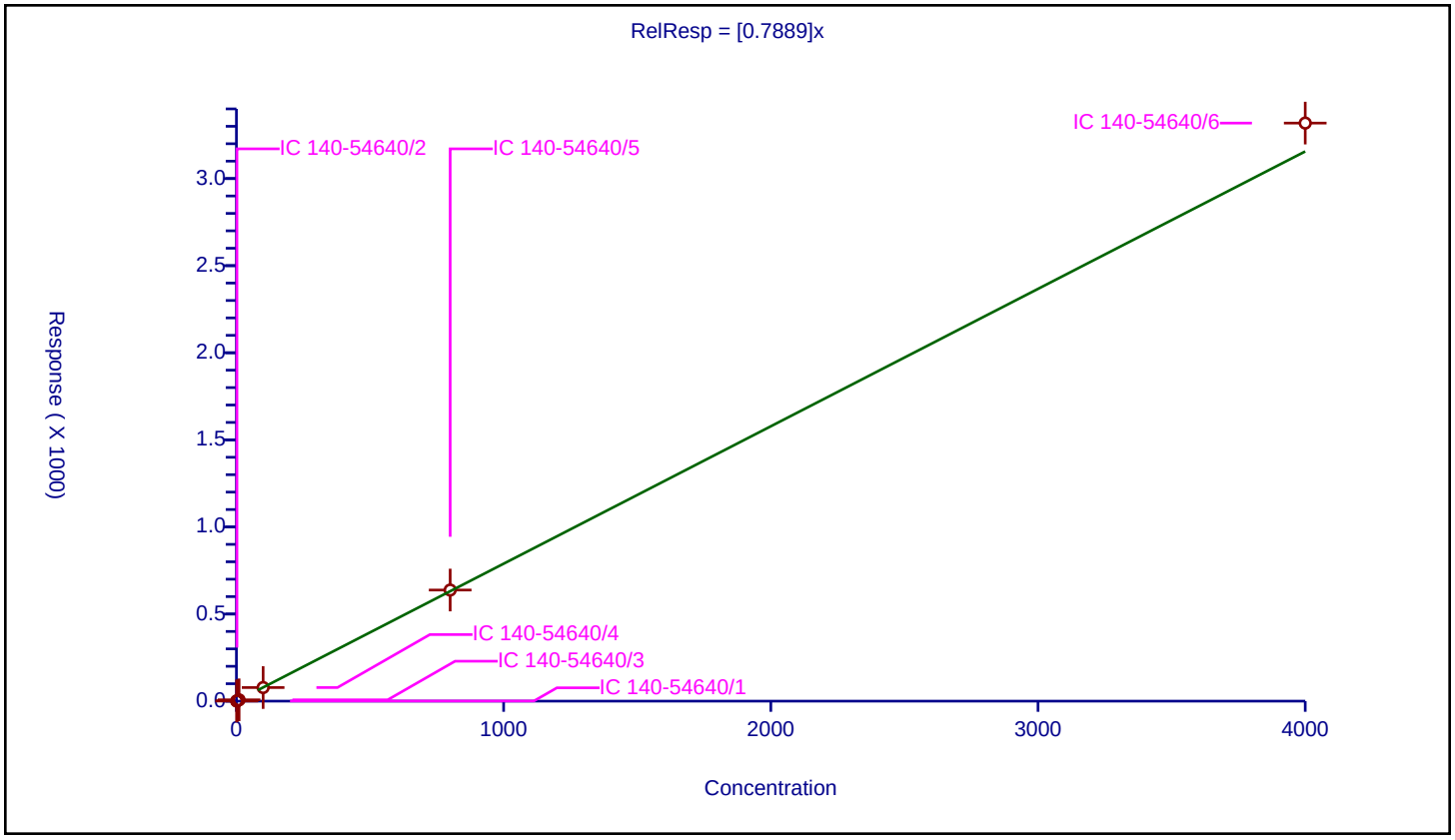
Curve Coefficients

Intercept:	0
Slope:	0.7889

Error Coefficients

Standard Error:	334000000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.773745	100.0	21863922.0	0.773745	Y
2	IC 140-54640/2	2.0	1.590002	100.0	22002358.0	0.795001	Y
3	IC 140-54640/3	10.0	7.572326	100.0	22105797.0	0.757233	Y
4	IC 140-54640/4	100.0	78.067804	100.0	21207598.0	0.780678	Y
5	IC 140-54640/5	800.0	637.818112	100.0	21576172.0	0.797273	Y
6	IC 140-54640/6	4000.0	3318.519624	100.0	22140336.0	0.82963	Y



Calibration / PCB-50/53

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

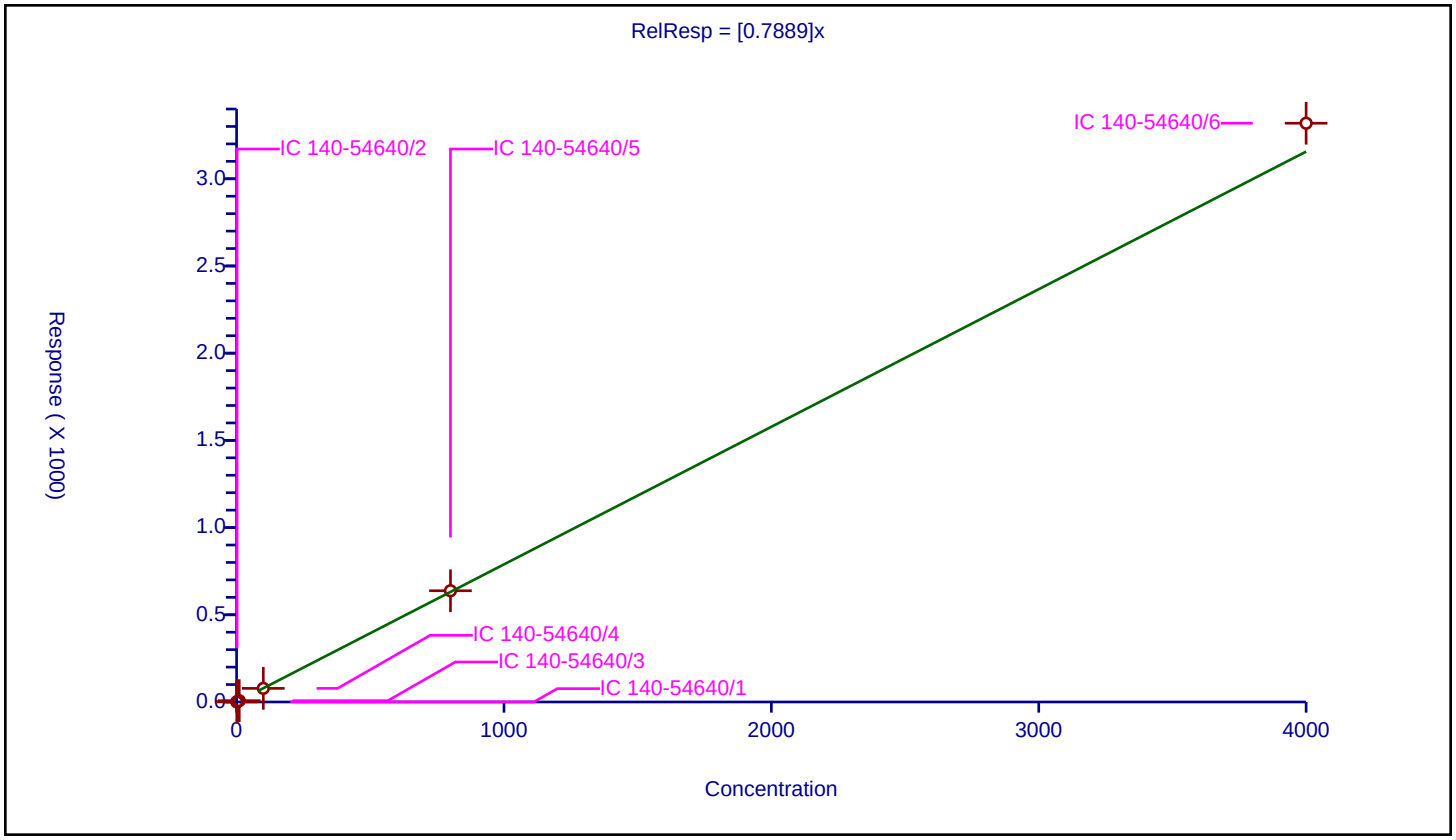
Curve Coefficients

Intercept:	0
Slope:	0.7889

Error Coefficients

Standard Error:	334000000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.773745	100.0	21863922.0	0.773745	Y
2	IC 140-54640/2	2.0	1.590002	100.0	22002358.0	0.795001	Y
3	IC 140-54640/3	10.0	7.572326	100.0	22105797.0	0.757233	Y
4	IC 140-54640/4	100.0	78.067804	100.0	21207598.0	0.780678	Y
5	IC 140-54640/5	800.0	637.818112	100.0	21576172.0	0.797273	Y
6	IC 140-54640/6	4000.0	3318.519624	100.0	22140336.0	0.82963	Y



Calibration / PCB-51

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

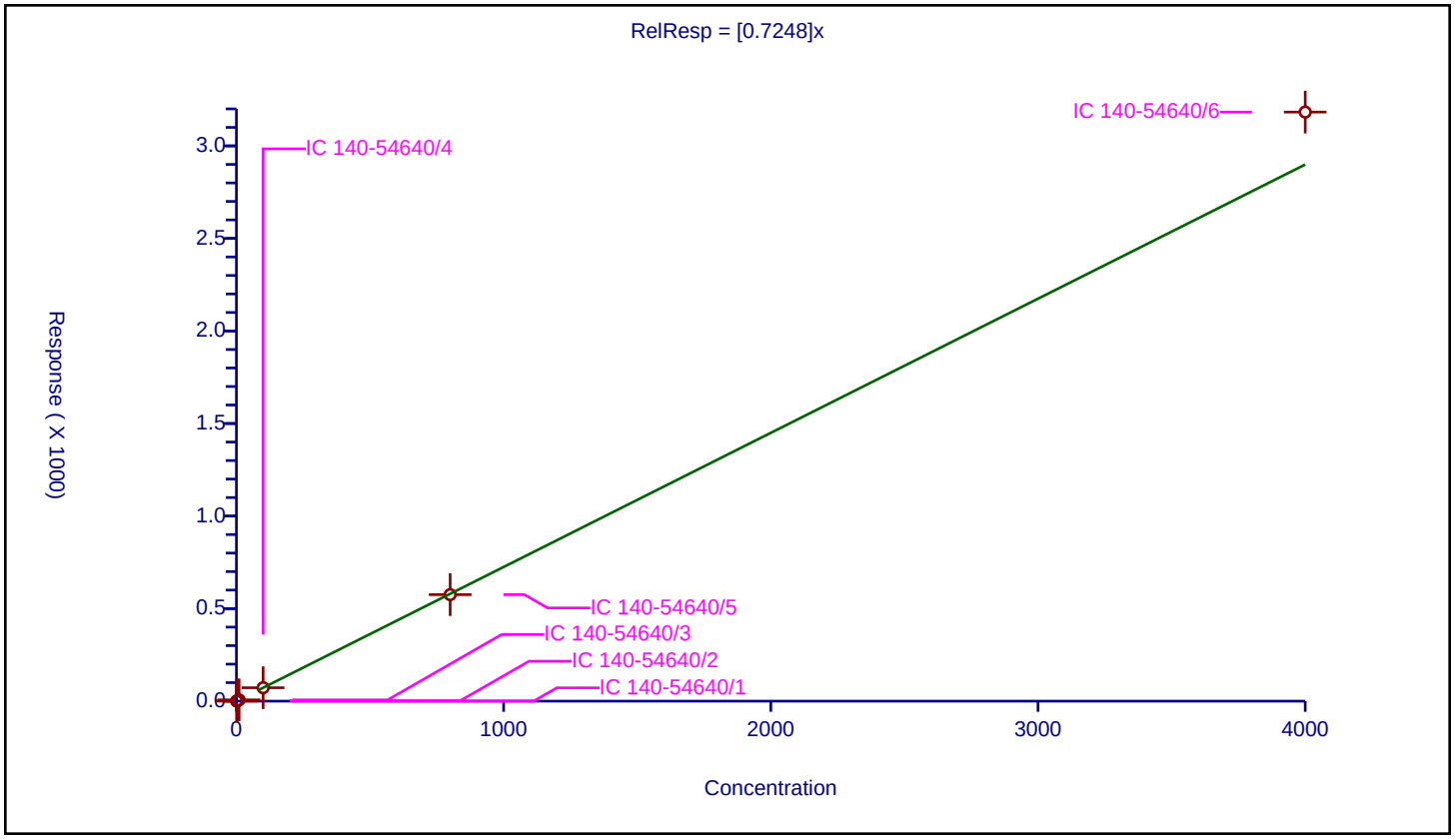
Curve Coefficients

Intercept:	0
Slope:	0.7248

Error Coefficients

Standard Error:	320000000
Relative Standard Error:	5.2
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.723955	100.0	21863922.0	0.723955	Y
2	IC 140-54640/2	2.0	1.376134	100.0	22002358.0	0.688067	Y
3	IC 140-54640/3	10.0	6.965702	100.0	22105797.0	0.69657	Y
4	IC 140-54640/4	100.0	72.522343	100.0	21207598.0	0.725223	Y
5	IC 140-54640/5	800.0	575.390913	100.0	21576172.0	0.719239	Y
6	IC 140-54640/6	4000.0	3182.784371	100.0	22140336.0	0.795696	Y



Calibration / PCB-52

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

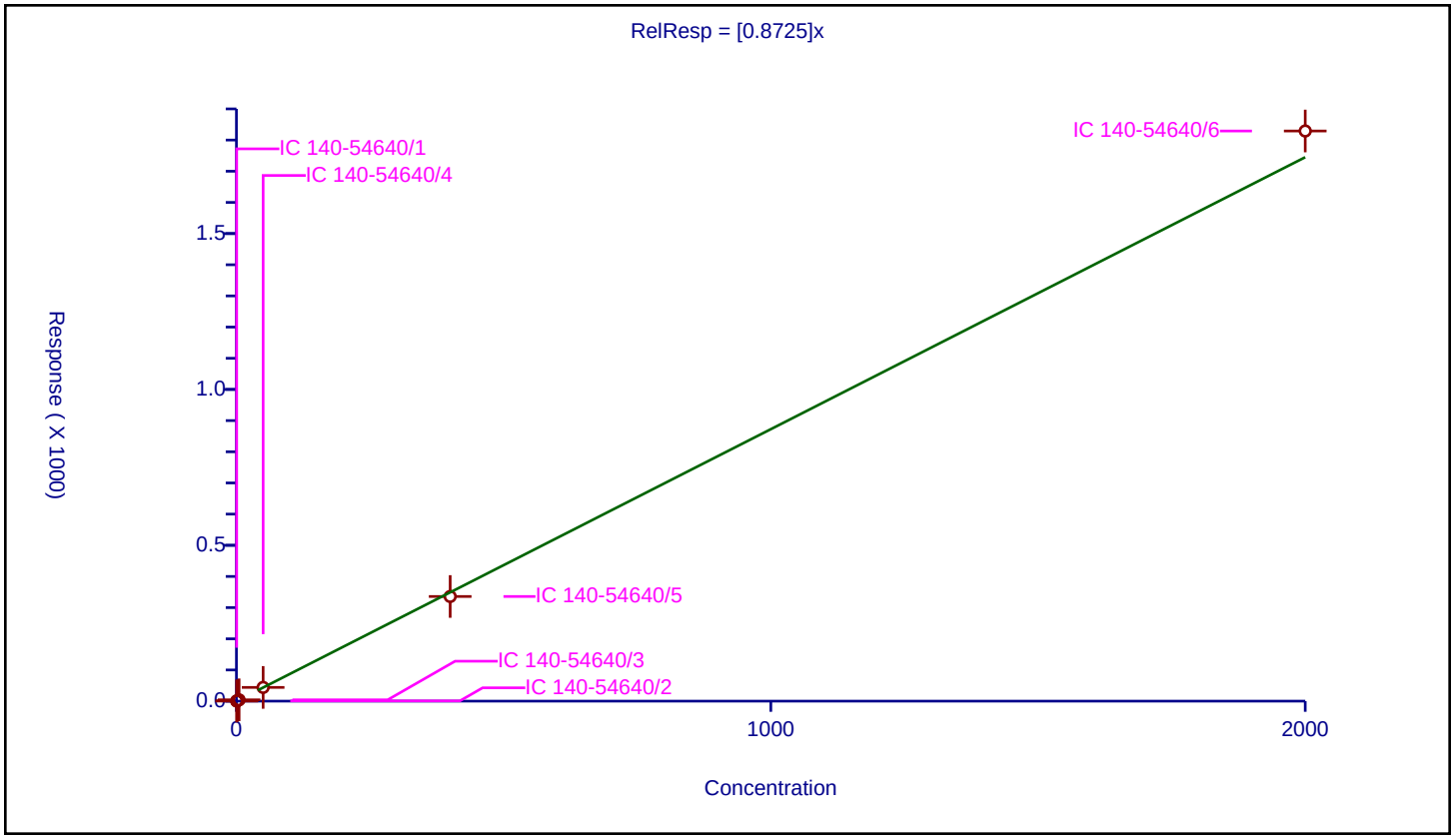
Curve Coefficients

Intercept:	0
Slope:	0.8725

Error Coefficients

Standard Error:	184000000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.454278	100.0	21863922.0	0.908556	Y
2	IC 140-54640/2	1.0	0.852518	100.0	22002358.0	0.852518	Y
3	IC 140-54640/3	5.0	4.195623	100.0	22105797.0	0.839125	Y
4	IC 140-54640/4	50.0	44.034581	100.0	21207598.0	0.880692	Y
5	IC 140-54640/5	400.0	335.731514	100.0	21576172.0	0.839329	Y
6	IC 140-54640/6	2000.0	1829.107539	100.0	22140336.0	0.914554	Y



Calibration / PCB-53

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

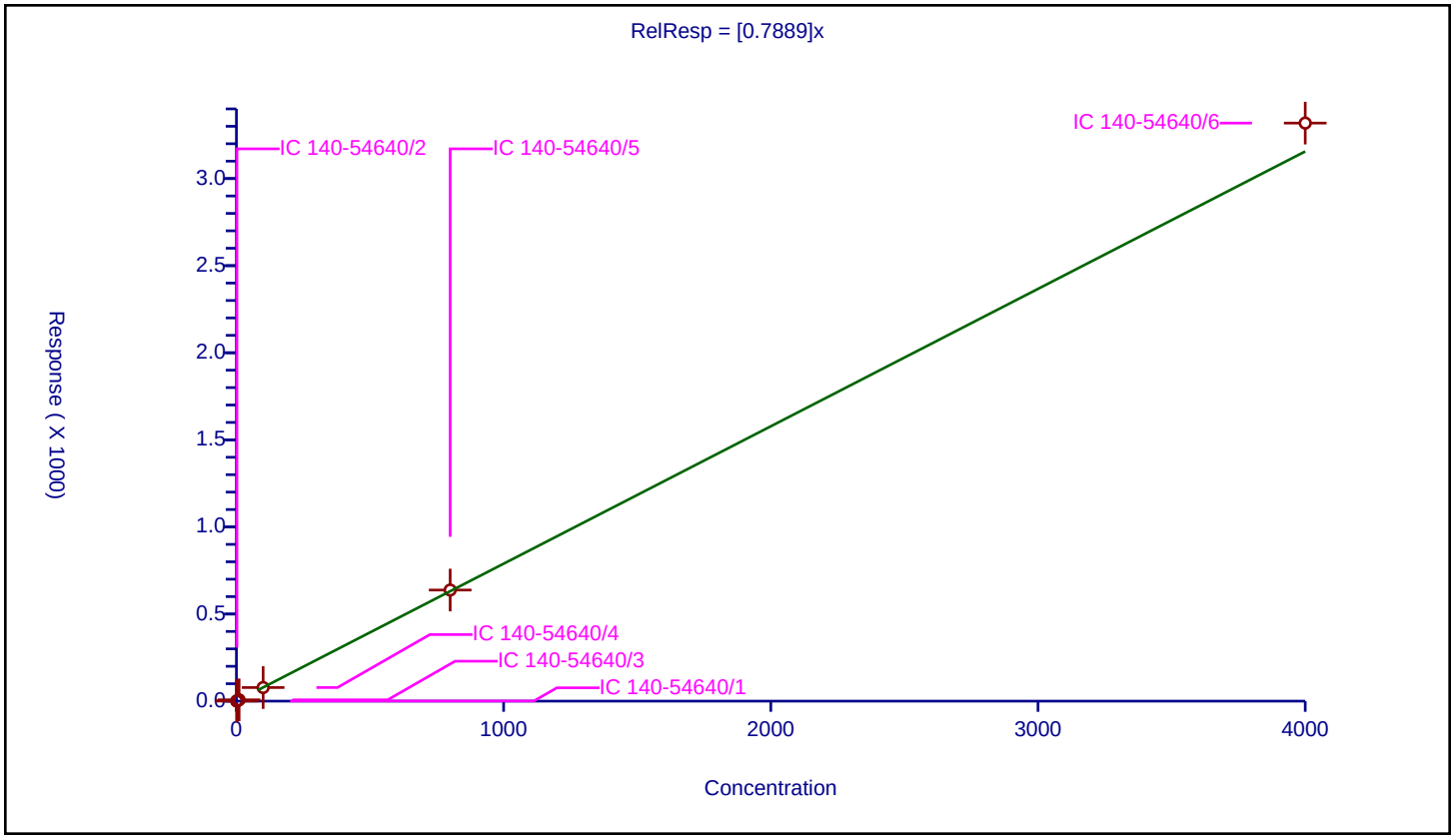
Curve Coefficients

Intercept:	0
Slope:	0.7889

Error Coefficients

Standard Error:	334000000
Relative Standard Error:	3.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.773745	100.0	21863922.0	0.773745	Y
2	IC 140-54640/2	2.0	1.590002	100.0	22002358.0	0.795001	Y
3	IC 140-54640/3	10.0	7.572326	100.0	22105797.0	0.757233	Y
4	IC 140-54640/4	100.0	78.067804	100.0	21207598.0	0.780678	Y
5	IC 140-54640/5	800.0	637.818112	100.0	21576172.0	0.797273	Y
6	IC 140-54640/6	4000.0	3318.519624	100.0	22140336.0	0.82963	Y



Calibration / PCB-54

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

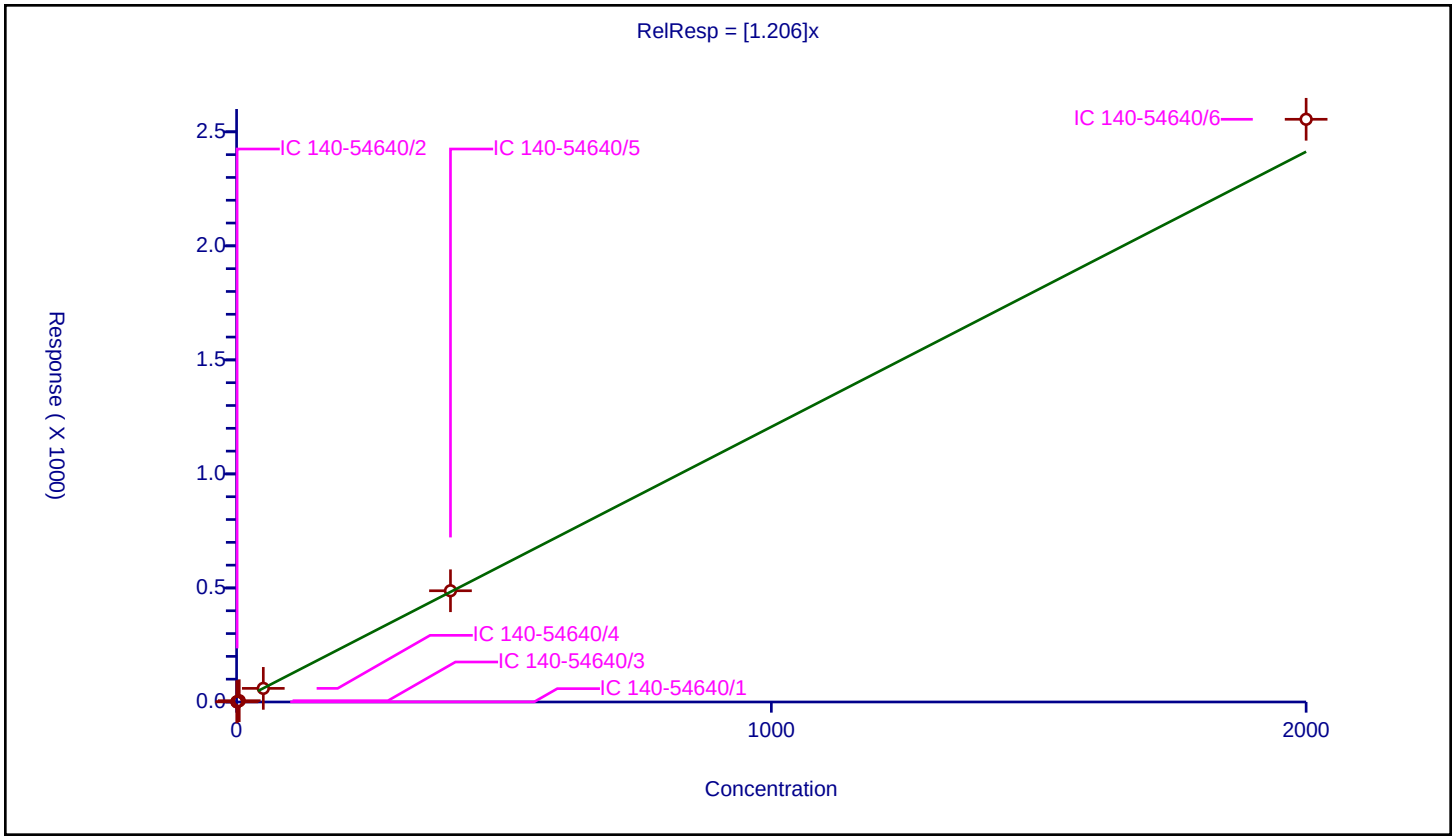
Curve Coefficients

Intercept:	0
Slope:	1.206

Error Coefficients

Standard Error:	110000000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.592596	100.0	10149583.0	1.185192	Y
2	IC 140-54640/2	1.0	1.219088	100.0	9491682.0	1.219088	Y
3	IC 140-54640/3	5.0	5.715665	100.0	9902732.0	1.143133	Y
4	IC 140-54640/4	50.0	59.722312	100.0	9231595.0	1.194446	Y
5	IC 140-54640/5	400.0	487.736721	100.0	9237472.0	1.219342	Y
6	IC 140-54640/6	2000.0	2554.968106	100.0	9423099.0	1.277484	Y



Calibration / PCB-55

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

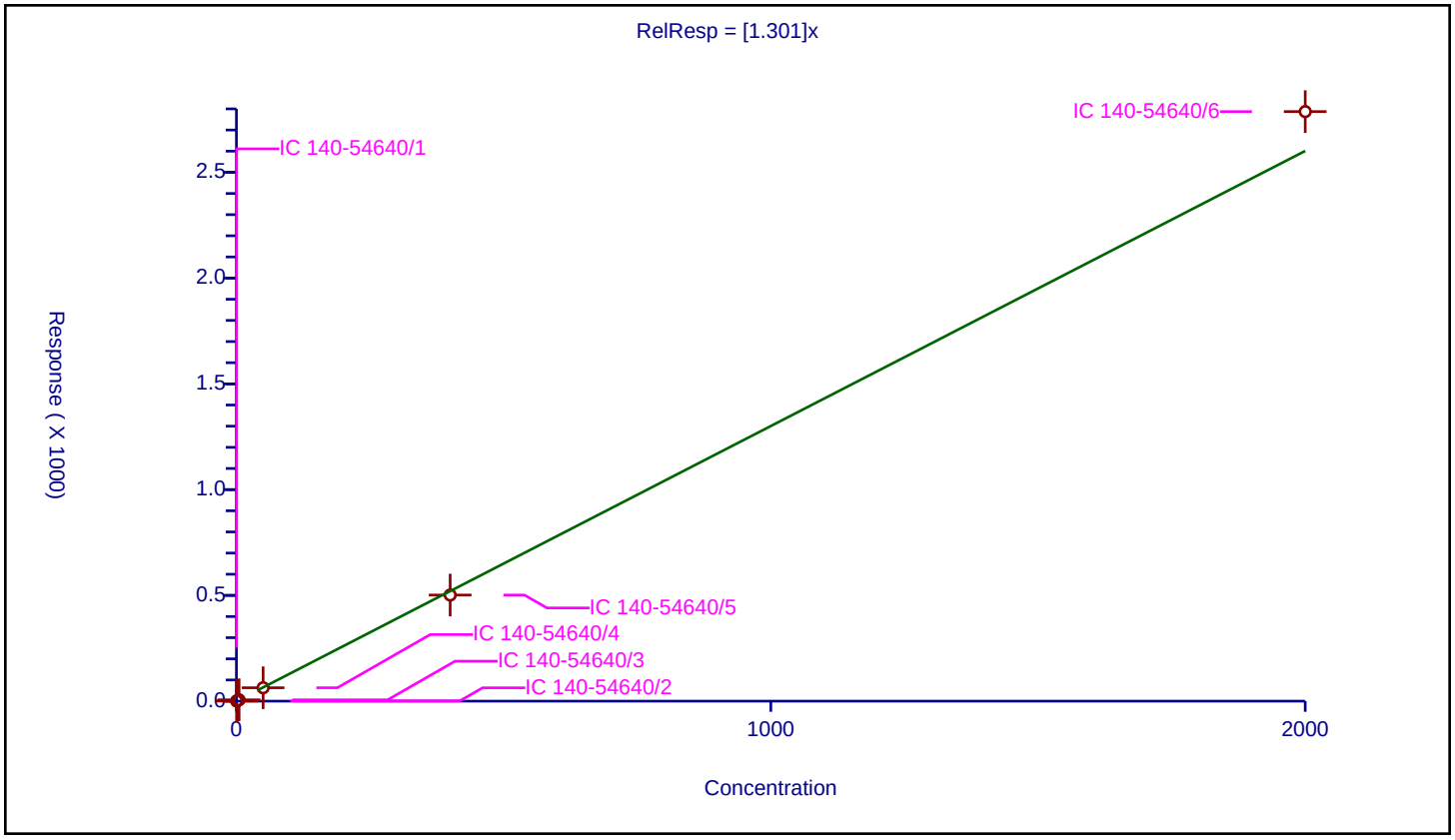
Curve Coefficients

Intercept:	0
Slope:	1.301

Error Coefficients

Standard Error:	280000000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.687141	100.0	21863922.0	1.374282	Y
2	IC 140-54640/2	1.0	1.262828	100.0	22002358.0	1.262828	Y
3	IC 140-54640/3	5.0	6.270735	100.0	22105797.0	1.254147	Y
4	IC 140-54640/4	50.0	63.236996	100.0	21207598.0	1.26474	Y
5	IC 140-54640/5	400.0	501.614438	100.0	21576172.0	1.254036	Y
6	IC 140-54640/6	2000.0	2787.179404	100.0	22140336.0	1.39359	Y



Calibration / PCB-56

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

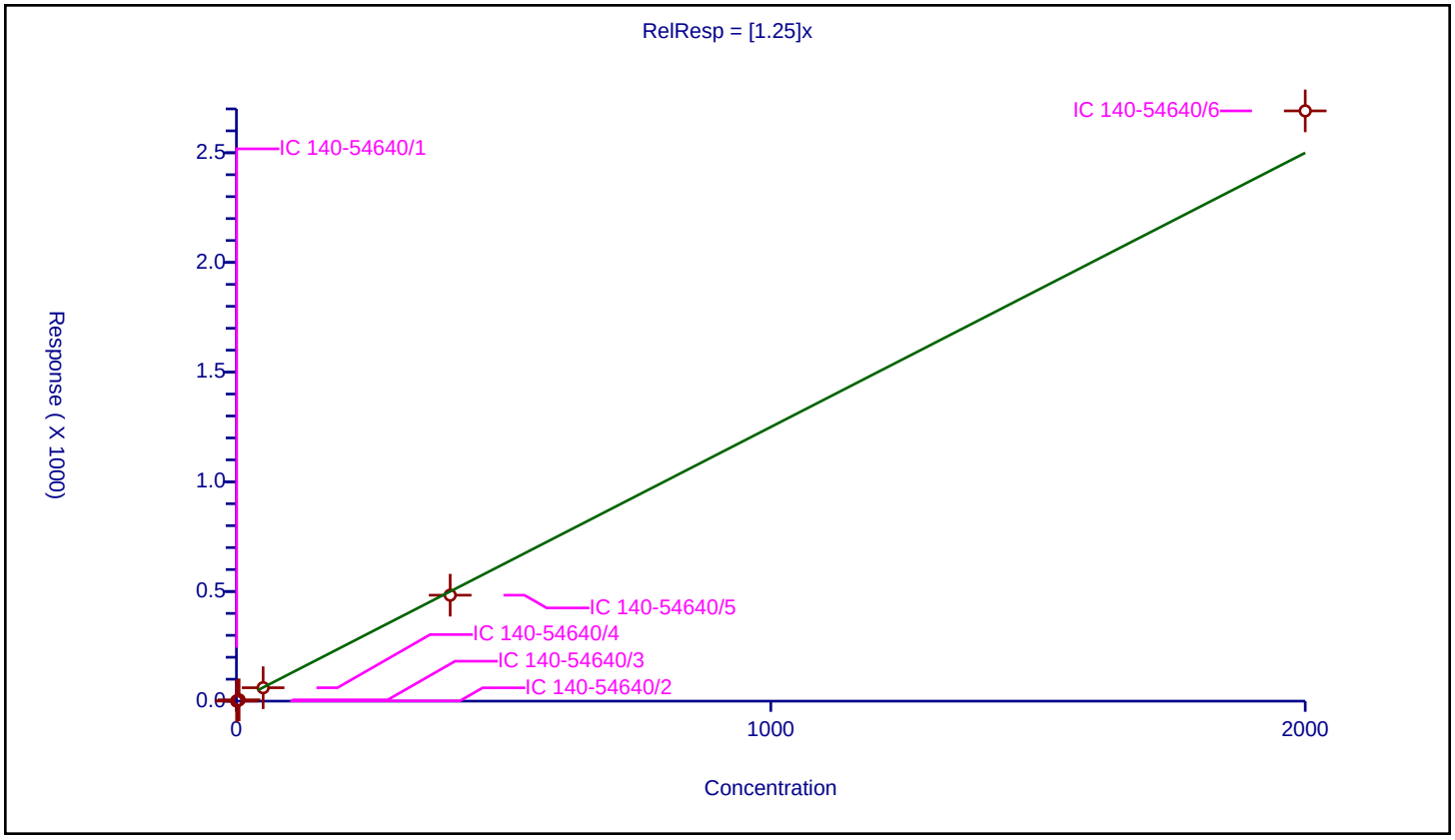
Curve Coefficients

Intercept:	0
Slope:	1.25

Error Coefficients

Standard Error:	271000000
Relative Standard Error:	6.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.672308	100.0	21863922.0	1.344617	Y
2	IC 140-54640/2	1.0	1.172538	100.0	22002358.0	1.172538	Y
3	IC 140-54640/3	5.0	6.026433	100.0	22105797.0	1.205287	Y
4	IC 140-54640/4	50.0	61.170817	100.0	21207598.0	1.223416	Y
5	IC 140-54640/5	400.0	483.126761	100.0	21576172.0	1.207817	Y
6	IC 140-54640/6	2000.0	2690.906534	100.0	22140336.0	1.345453	Y



Calibration / PCB-57

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

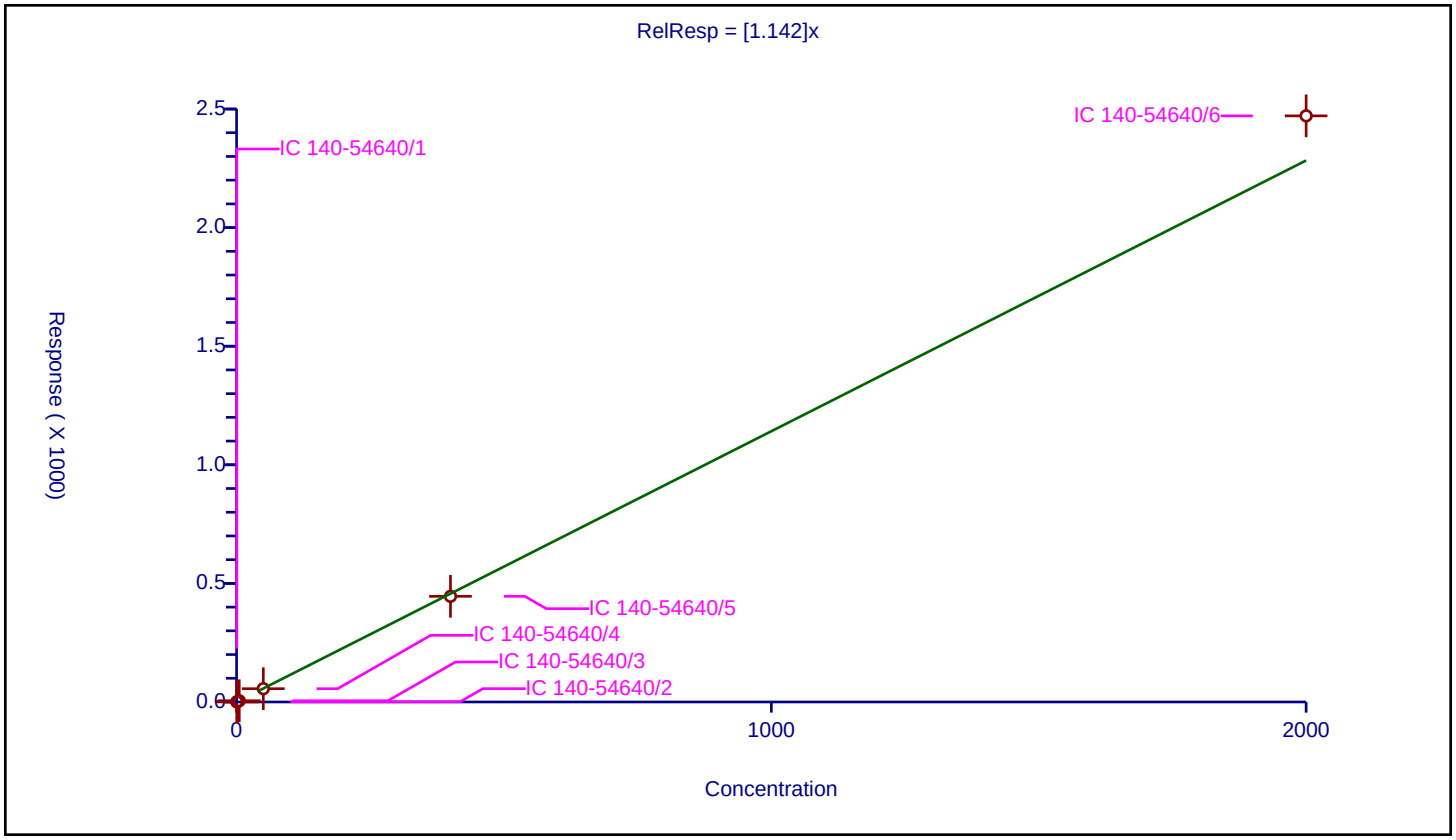
Curve Coefficients

Intercept:	0
Slope:	1.142

Error Coefficients

Standard Error:	248000000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.613156	100.0	21863922.0	1.226312	Y
2	IC 140-54640/2	1.0	1.10065	100.0	22002358.0	1.10065	Y
3	IC 140-54640/3	5.0	5.256327	100.0	22105797.0	1.051265	Y
4	IC 140-54640/4	50.0	56.084489	100.0	21207598.0	1.12169	Y
5	IC 140-54640/5	400.0	445.46534	100.0	21576172.0	1.113663	Y
6	IC 140-54640/6	2000.0	2471.125632	100.0	22140336.0	1.235563	Y



Calibration / PCB-58

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

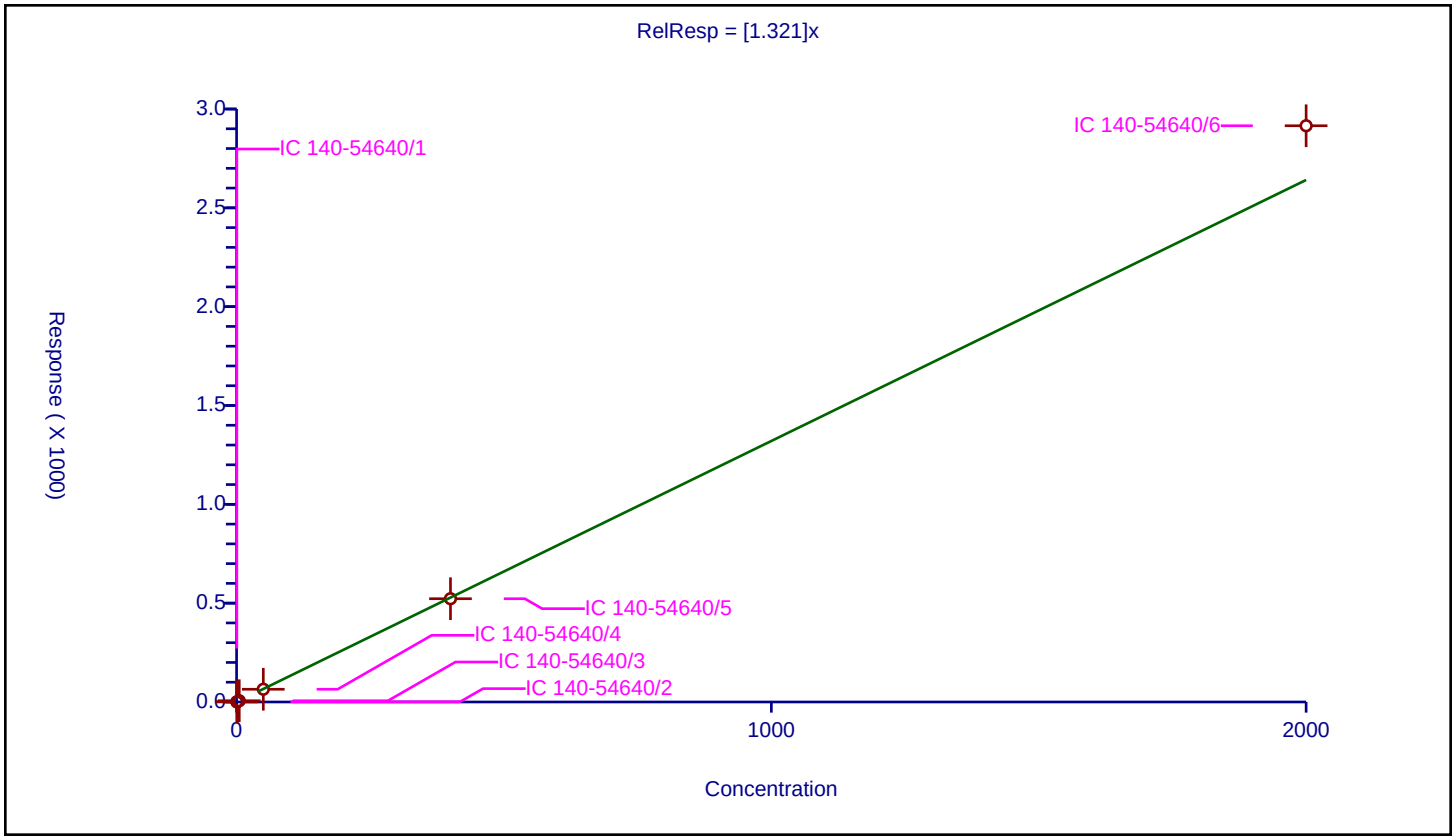
Curve Coefficients

Intercept:	0
Slope:	1.321

Error Coefficients

Standard Error:	293000000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.662804	100.0	21863922.0	1.325608	Y
2	IC 140-54640/2	1.0	1.28214	100.0	22002358.0	1.28214	Y
3	IC 140-54640/3	5.0	6.320989	100.0	22105797.0	1.264198	Y
4	IC 140-54640/4	50.0	64.360698	100.0	21207598.0	1.287214	Y
5	IC 140-54640/5	400.0	522.480396	100.0	21576172.0	1.306201	Y
6	IC 140-54640/6	2000.0	2915.31965	100.0	22140336.0	1.45766	Y



Calibration / PCB-59

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

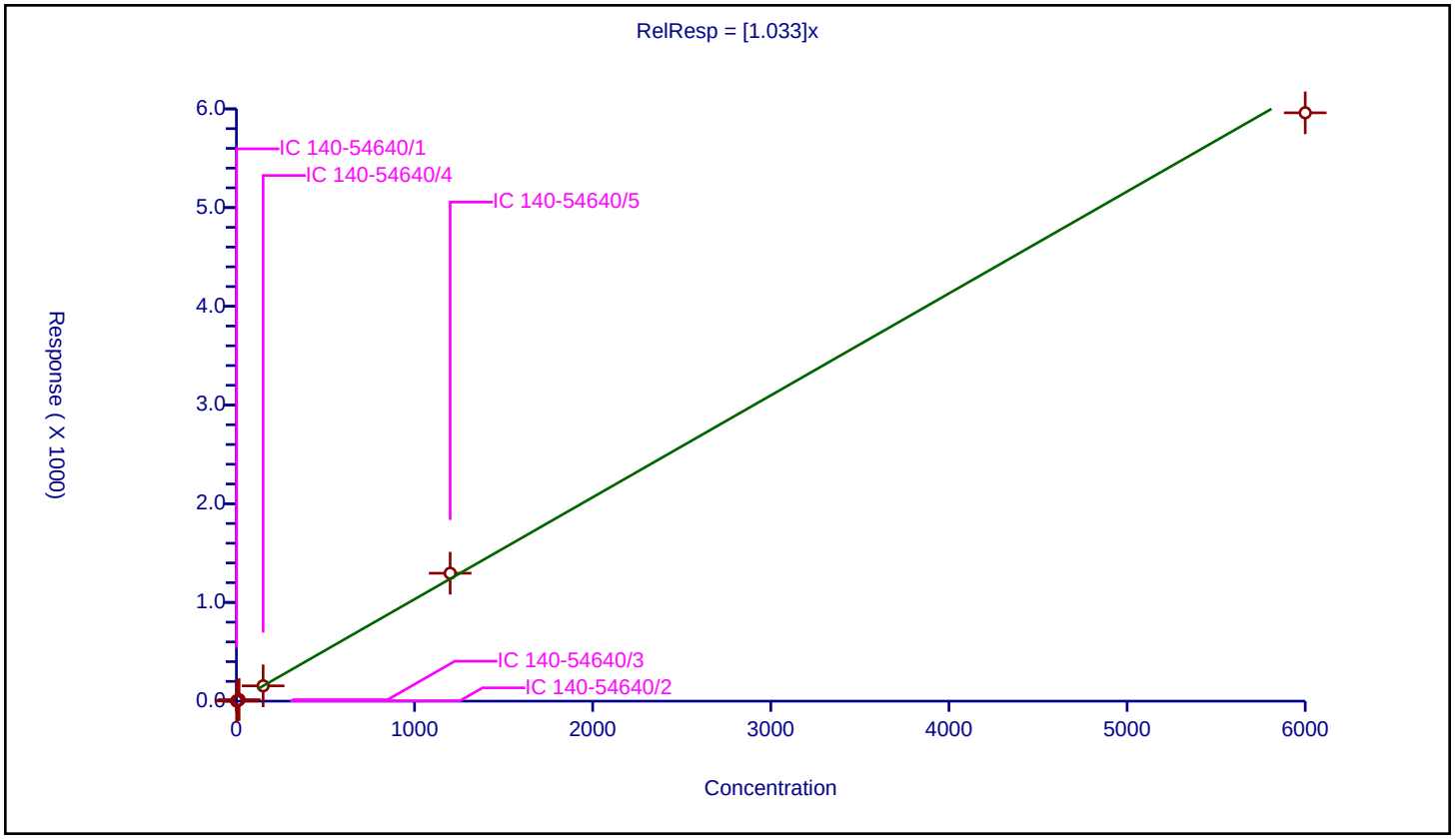
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Standard Error:	603000000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.637629	100.0	21863922.0	1.091753	Y
2	IC 140-54640/2	3.0	2.996824	100.0	22002358.0	0.998941	Y
3	IC 140-54640/3	15.0	14.97072	100.0	22105797.0	0.998048	Y
4	IC 140-54640/4	150.0	155.015462	100.0	21207598.0	1.033436	Y
5	IC 140-54640/5	1200.0	1295.850705	100.0	21576172.0	1.079876	Y
6	IC 140-54640/6	6000.0	5960.424842	100.0	22140336.0	0.993404	Y



Calibration / PCB-59/62/75

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

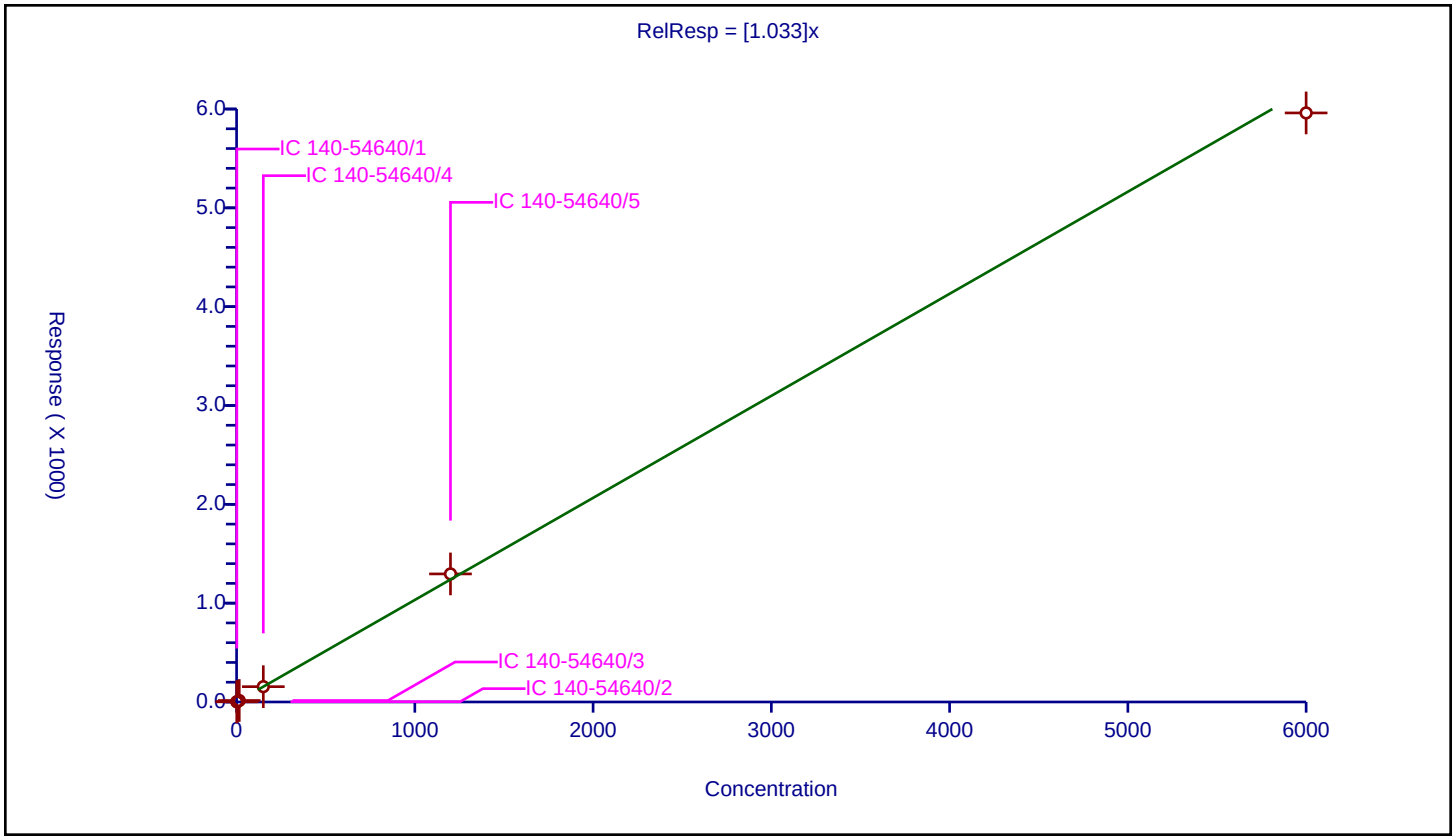
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Standard Error:	603000000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.637629	100.0	21863922.0	1.091753	Y
2	IC 140-54640/2	3.0	2.996824	100.0	22002358.0	0.998941	Y
3	IC 140-54640/3	15.0	14.97072	100.0	22105797.0	0.998048	Y
4	IC 140-54640/4	150.0	155.015462	100.0	21207598.0	1.033436	Y
5	IC 140-54640/5	1200.0	1295.850705	100.0	21576172.0	1.079876	Y
6	IC 140-54640/6	6000.0	5960.424842	100.0	22140336.0	0.993404	Y



Calibration / PCB-6

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

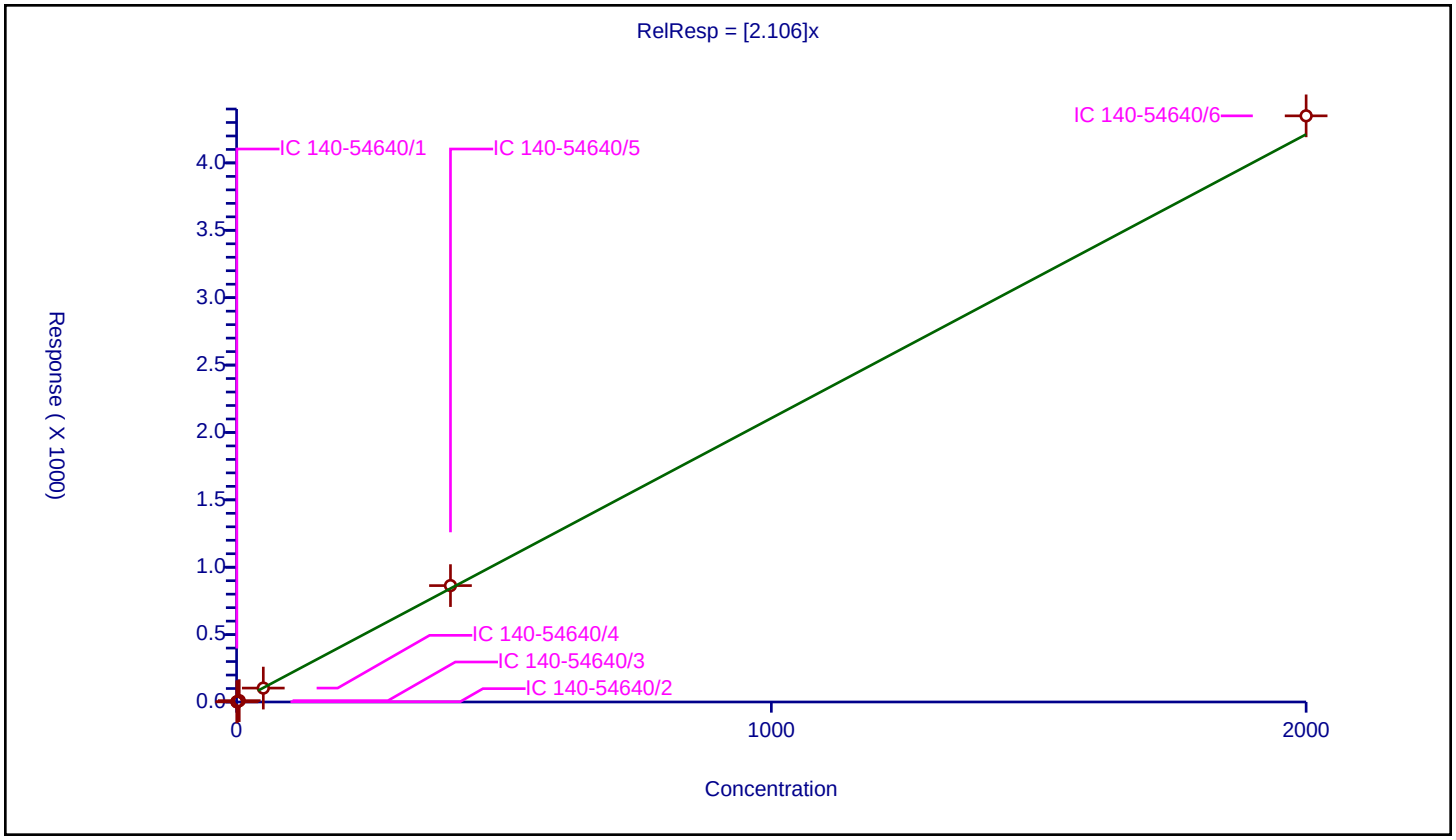
Curve Coefficients

Intercept:	0
Slope:	2.106

Error Coefficients

Standard Error:	245000000
Relative Standard Error:	3.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	1.08484	100.0	12405884.0	2.16968	Y
2	IC 140-54640/2	1.0	2.051004	100.0	12725624.0	2.051004	Y
3	IC 140-54640/3	5.0	10.079552	100.0	12672398.0	2.01591	Y
4	IC 140-54640/4	50.0	103.270172	100.0	12271526.0	2.065403	Y
5	IC 140-54640/5	400.0	863.665466	100.0	11924149.0	2.159164	Y
6	IC 140-54640/6	2000.0	4349.355081	100.0	12348832.0	2.174678	Y



Calibration / PCB-60

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

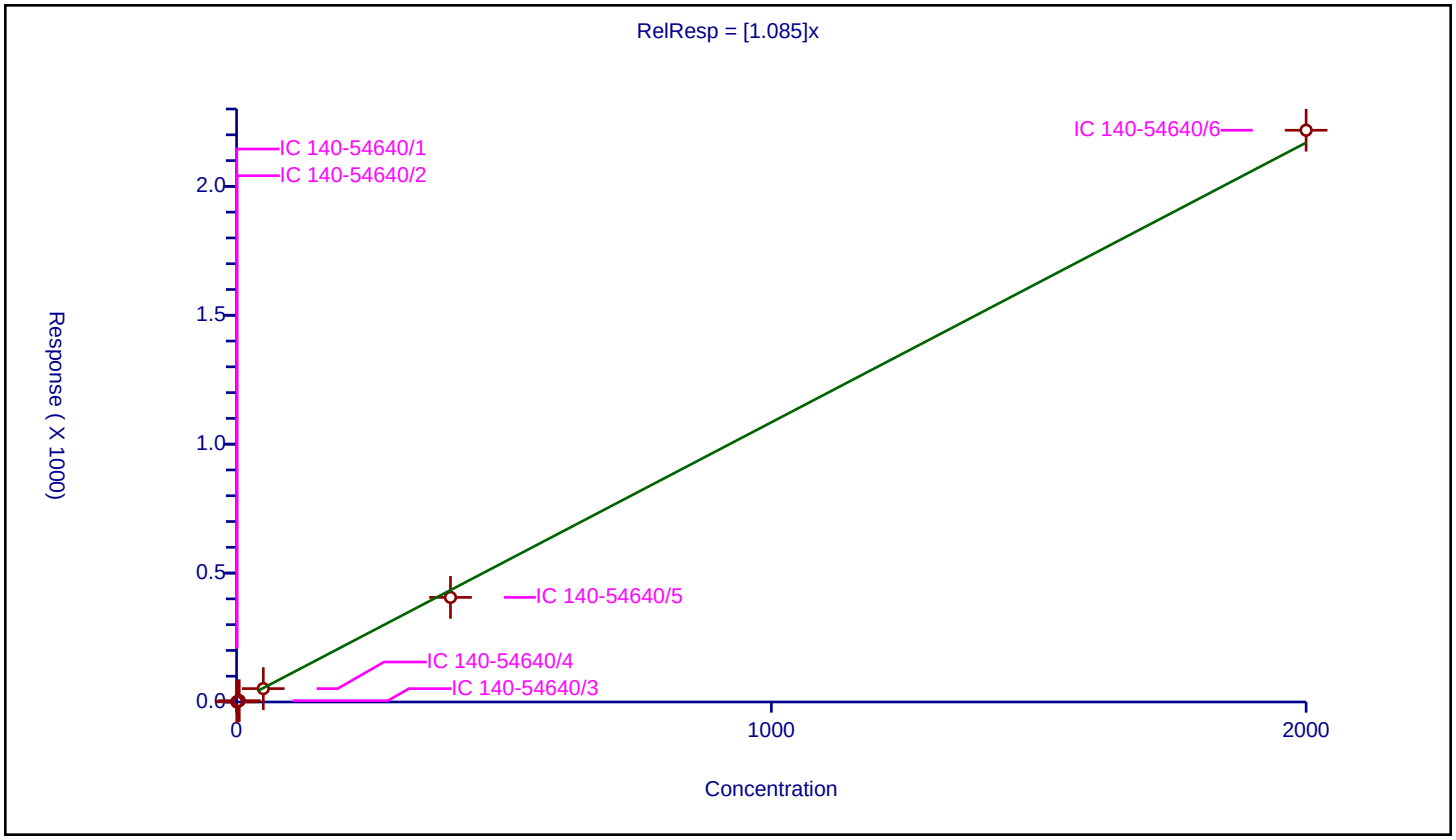
Curve Coefficients

Intercept:	0
Slope:	1.085

Error Coefficients

Standard Error:	223000000
Relative Standard Error:	6.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.600761	100.0	21863922.0	1.201523	Y
2	IC 140-54640/2	1.0	1.11713	100.0	22002358.0	1.11713	Y
3	IC 140-54640/3	5.0	5.145469	100.0	22105797.0	1.029094	Y
4	IC 140-54640/4	50.0	51.879161	100.0	21207598.0	1.037583	Y
5	IC 140-54640/5	400.0	405.692303	100.0	21576172.0	1.014231	Y
6	IC 140-54640/6	2000.0	2217.713534	100.0	22140336.0	1.108857	Y



Calibration / PCB-61

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

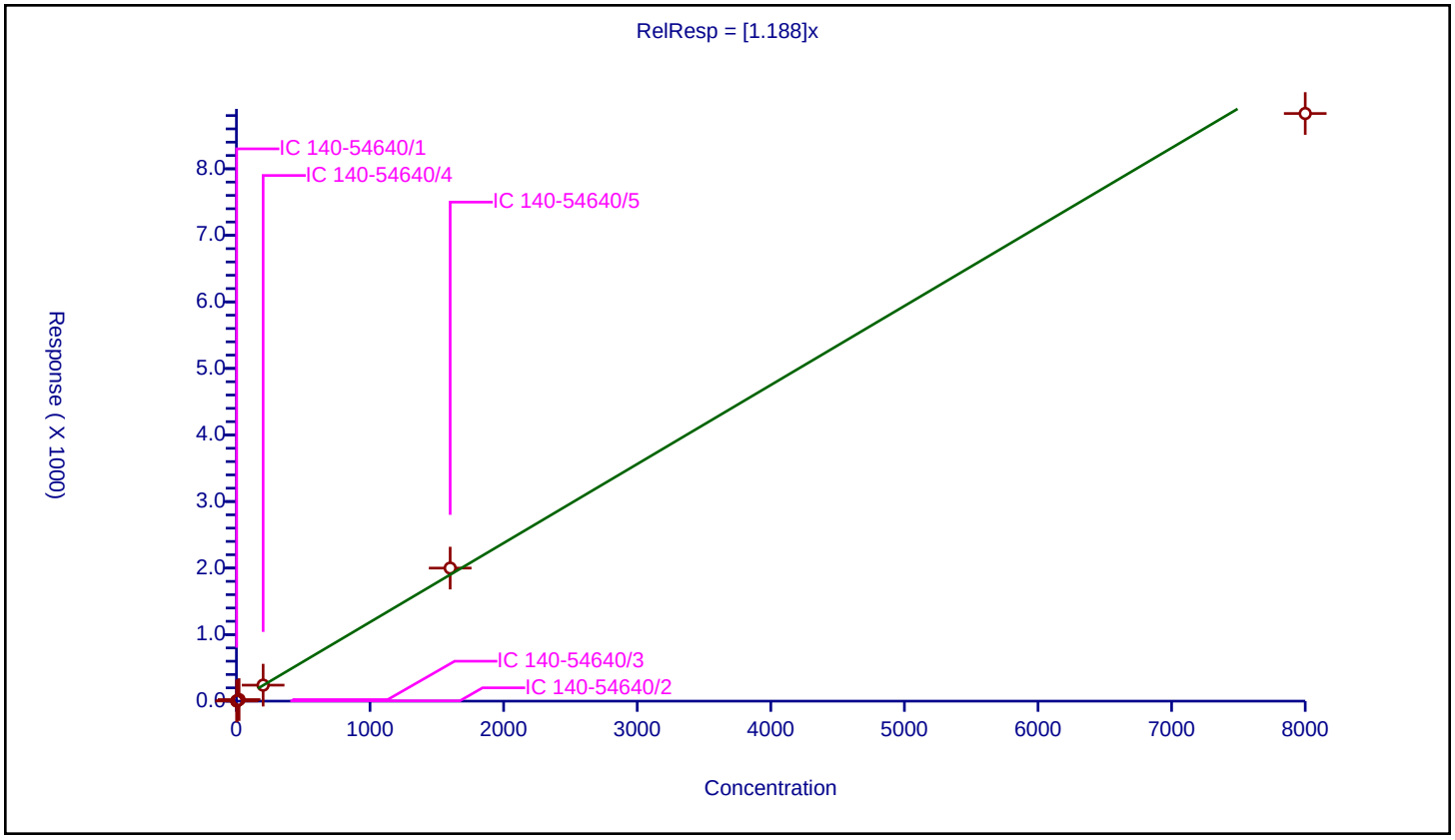
Curve Coefficients

Intercept:	0
Slope:	1.188

Error Coefficients

Standard Error:	896000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	2.491584	100.0	21863922.0	1.245792	Y
2	IC 140-54640/2	4.0	4.620214	100.0	22002358.0	1.155053	Y
3	IC 140-54640/3	20.0	23.402332	100.0	22105797.0	1.170117	Y
4	IC 140-54640/4	200.0	240.268469	100.0	21207598.0	1.201342	Y
5	IC 140-54640/5	1600.0	1999.593292	100.0	21576172.0	1.249746	Y
6	IC 140-54640/6	8000.0	8830.650592	100.0	22140336.0	1.103831	Y



Calibration / PCB-61/70/74/76

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

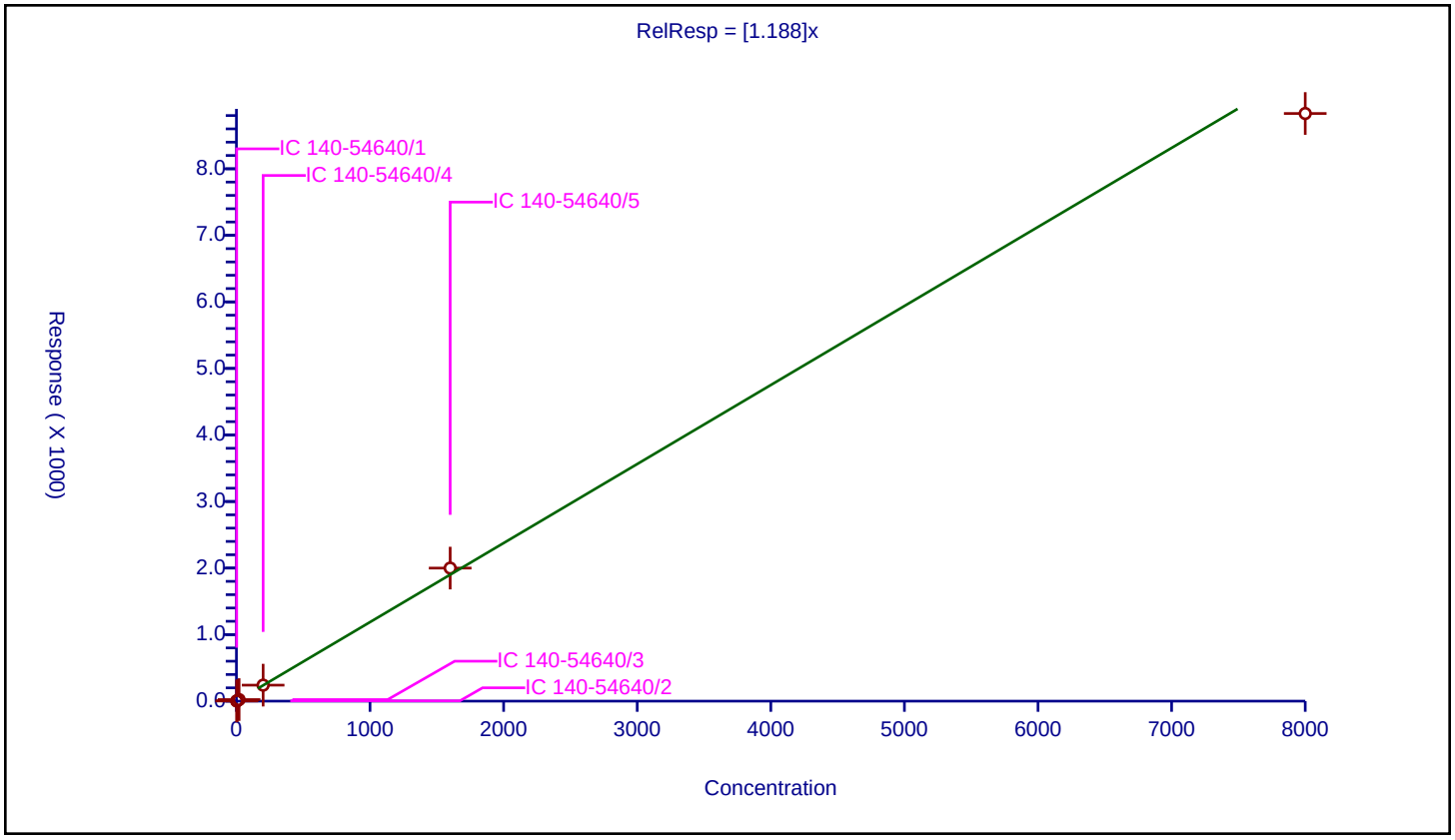
Curve Coefficients

Intercept:	0
Slope:	1.188

Error Coefficients

Standard Error:	896000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	2.491584	100.0	21863922.0	1.245792	Y
2	IC 140-54640/2	4.0	4.620214	100.0	22002358.0	1.155053	Y
3	IC 140-54640/3	20.0	23.402332	100.0	22105797.0	1.170117	Y
4	IC 140-54640/4	200.0	240.268469	100.0	21207598.0	1.201342	Y
5	IC 140-54640/5	1600.0	1999.593292	100.0	21576172.0	1.249746	Y
6	IC 140-54640/6	8000.0	8830.650592	100.0	22140336.0	1.103831	Y



Calibration / PCB-62

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

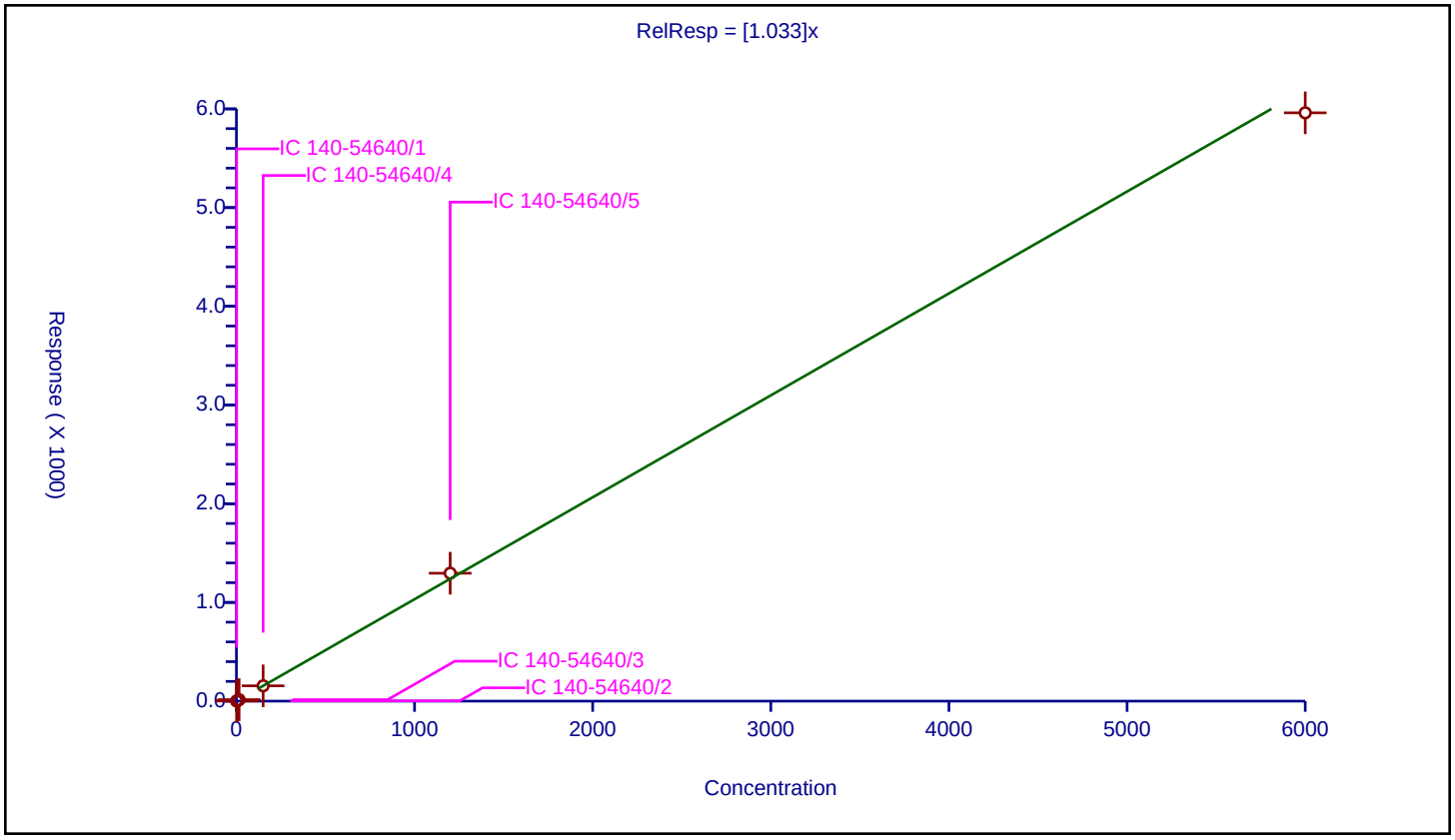
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Standard Error:	603000000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.637629	100.0	21863922.0	1.091753	Y
2	IC 140-54640/2	3.0	2.996824	100.0	22002358.0	0.998941	Y
3	IC 140-54640/3	15.0	14.97072	100.0	22105797.0	0.998048	Y
4	IC 140-54640/4	150.0	155.015462	100.0	21207598.0	1.033436	Y
5	IC 140-54640/5	1200.0	1295.850705	100.0	21576172.0	1.079876	Y
6	IC 140-54640/6	6000.0	5960.424842	100.0	22140336.0	0.993404	Y



Calibration / PCB-63

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

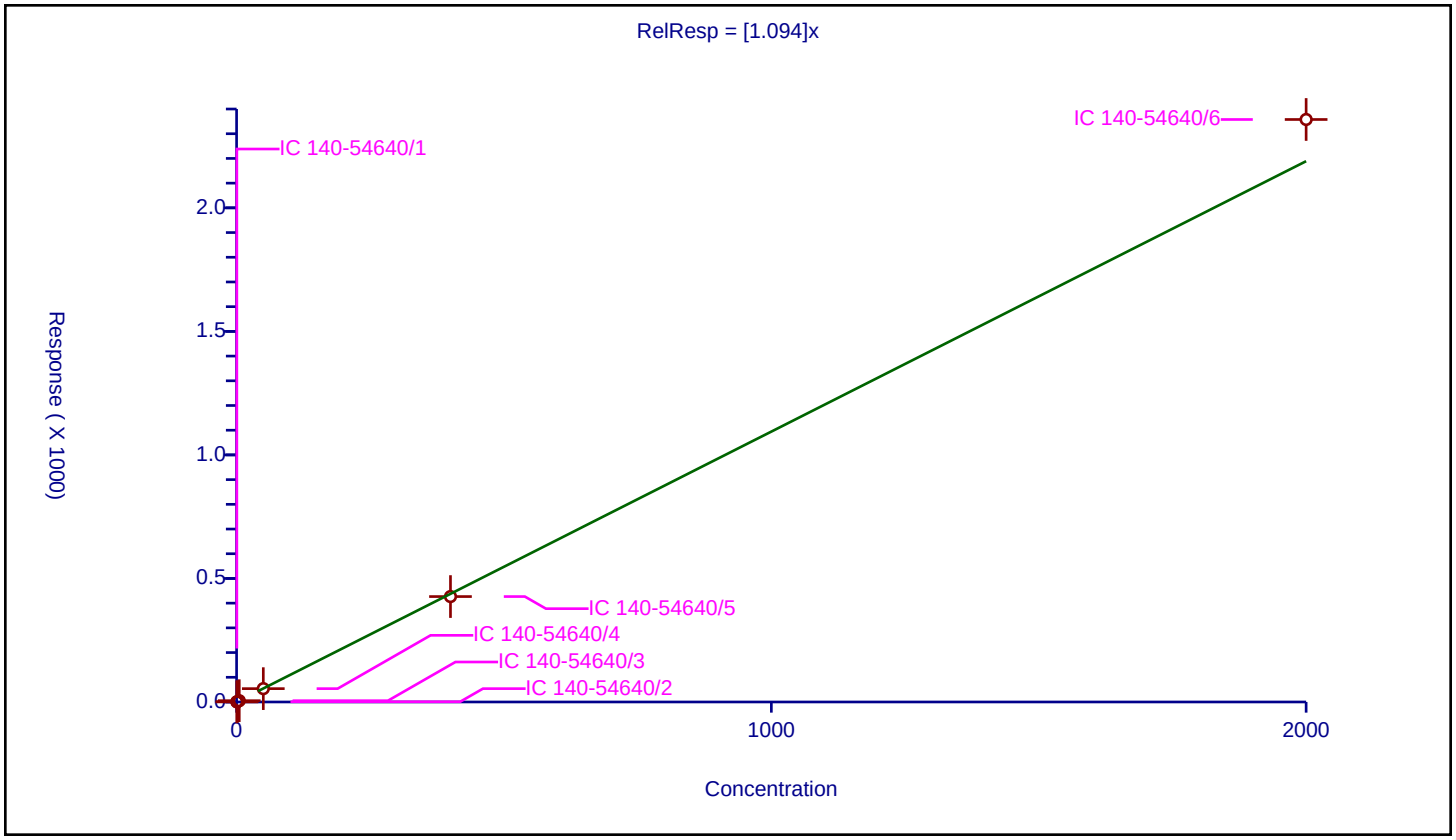
Curve Coefficients

Intercept:	0
Slope:	1.094

Error Coefficients

Standard Error:	237000000
Relative Standard Error:	4.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.560394	100.0	21863922.0	1.120787	Y
2	IC 140-54640/2	1.0	1.075276	100.0	22002358.0	1.075276	Y
3	IC 140-54640/3	5.0	5.223435	100.0	22105797.0	1.044687	Y
4	IC 140-54640/4	50.0	54.012769	100.0	21207598.0	1.080255	Y
5	IC 140-54640/5	400.0	426.682592	100.0	21576172.0	1.066706	Y
6	IC 140-54640/6	2000.0	2357.536489	100.0	22140336.0	1.178768	Y



Calibration / PCB-64

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

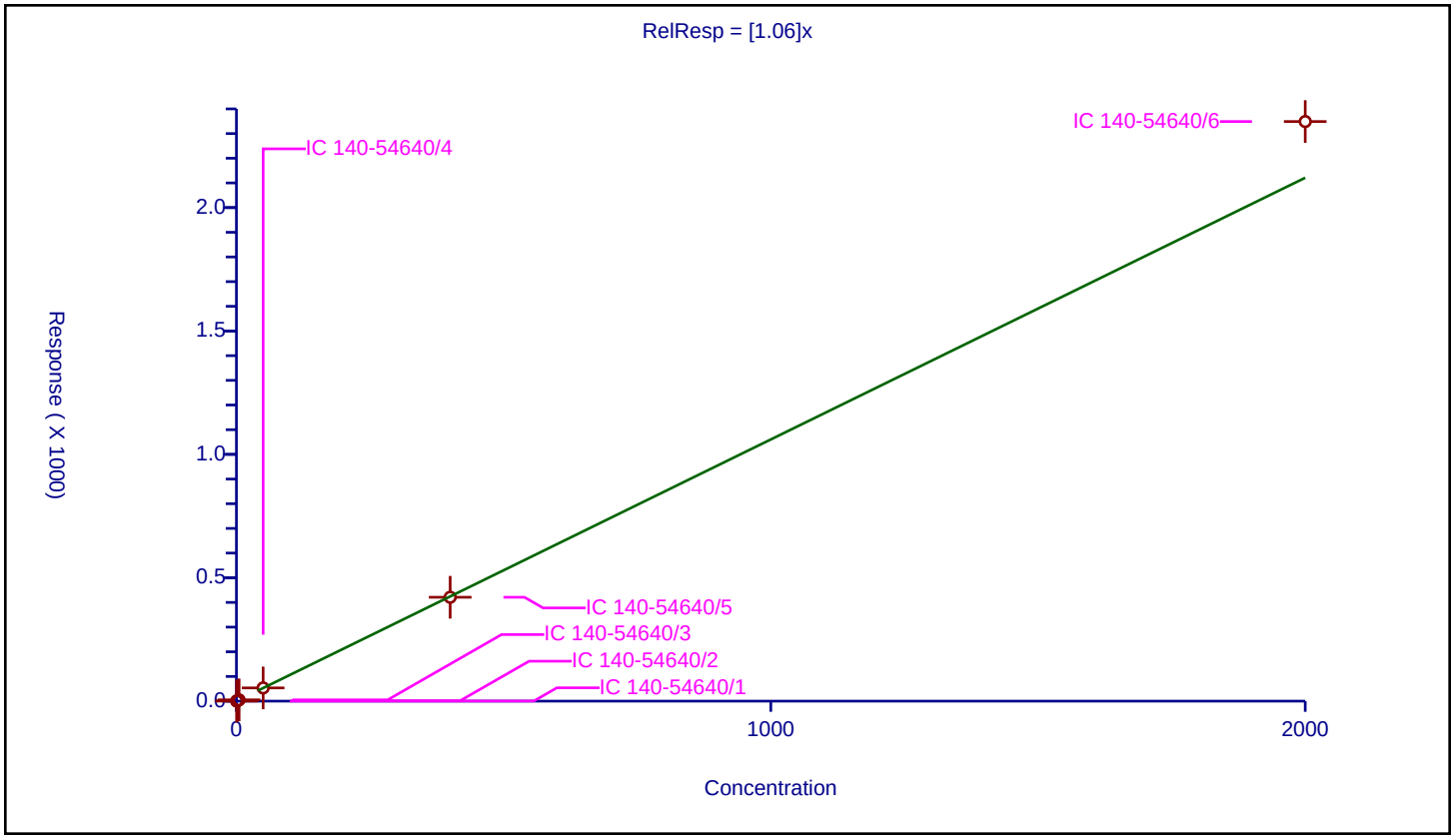
Curve Coefficients

Intercept:	0
Slope:	1.06

Error Coefficients

Standard Error:	236000000
Relative Standard Error:	5.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.516357	100.0	21863922.0	1.032715	Y
2	IC 140-54640/2	1.0	0.995293	100.0	22002358.0	0.995293	Y
3	IC 140-54640/3	5.0	5.182745	100.0	22105797.0	1.036549	Y
4	IC 140-54640/4	50.0	53.565788	100.0	21207598.0	1.071316	Y
5	IC 140-54640/5	400.0	420.967593	100.0	21576172.0	1.052419	Y
6	IC 140-54640/6	2000.0	2348.725173	100.0	22140336.0	1.174363	Y



Calibration / PCB-65

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

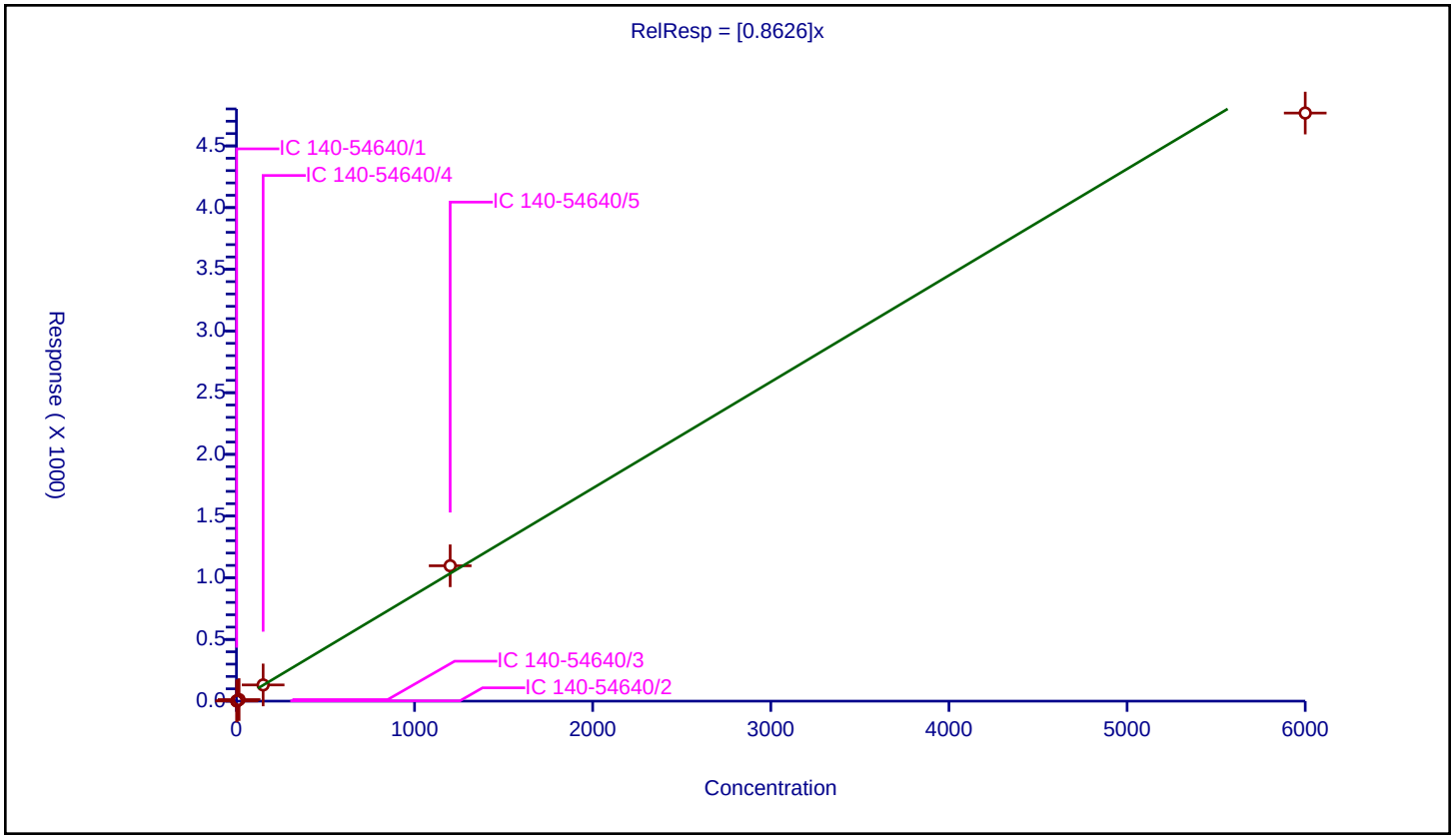
Curve Coefficients

Intercept:	0
Slope:	0.8626

Error Coefficients

Standard Error:	484000000
Relative Standard Error:	5.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.364618	100.0	21863922.0	0.909745	Y
2	IC 140-54640/2	3.0	2.502736	100.0	22002358.0	0.834245	Y
3	IC 140-54640/3	15.0	12.704107	100.0	22105797.0	0.84694	Y
4	IC 140-54640/4	150.0	131.388637	100.0	21207598.0	0.875924	Y
5	IC 140-54640/5	1200.0	1097.084209	100.0	21576172.0	0.914237	Y
6	IC 140-54640/6	6000.0	4766.343121	100.0	22140336.0	0.794391	Y



Calibration / PCB-66

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

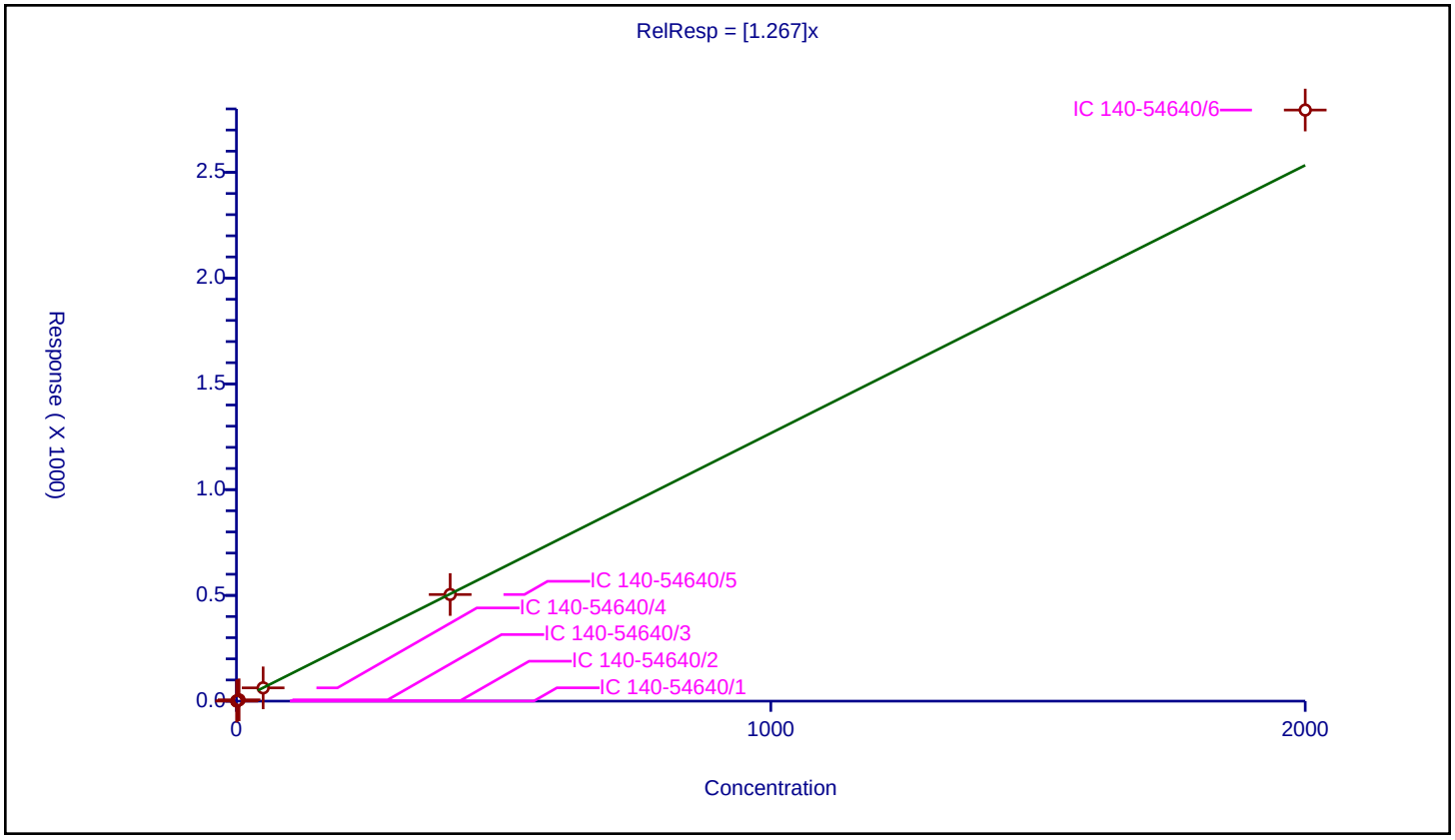
Curve Coefficients

Intercept:	0
Slope:	1.267

Error Coefficients

Standard Error:	281000000
Relative Standard Error:	5.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.619171	100.0	21863922.0	1.238341	Y
2	IC 140-54640/2	1.0	1.206212	100.0	22002358.0	1.206212	Y
3	IC 140-54640/3	5.0	6.215067	100.0	22105797.0	1.243013	Y
4	IC 140-54640/4	50.0	62.773861	100.0	21207598.0	1.255477	Y
5	IC 140-54640/5	400.0	504.170221	100.0	21576172.0	1.260426	Y
6	IC 140-54640/6	2000.0	2794.550367	100.0	22140336.0	1.397275	Y



Calibration / PCB-67

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

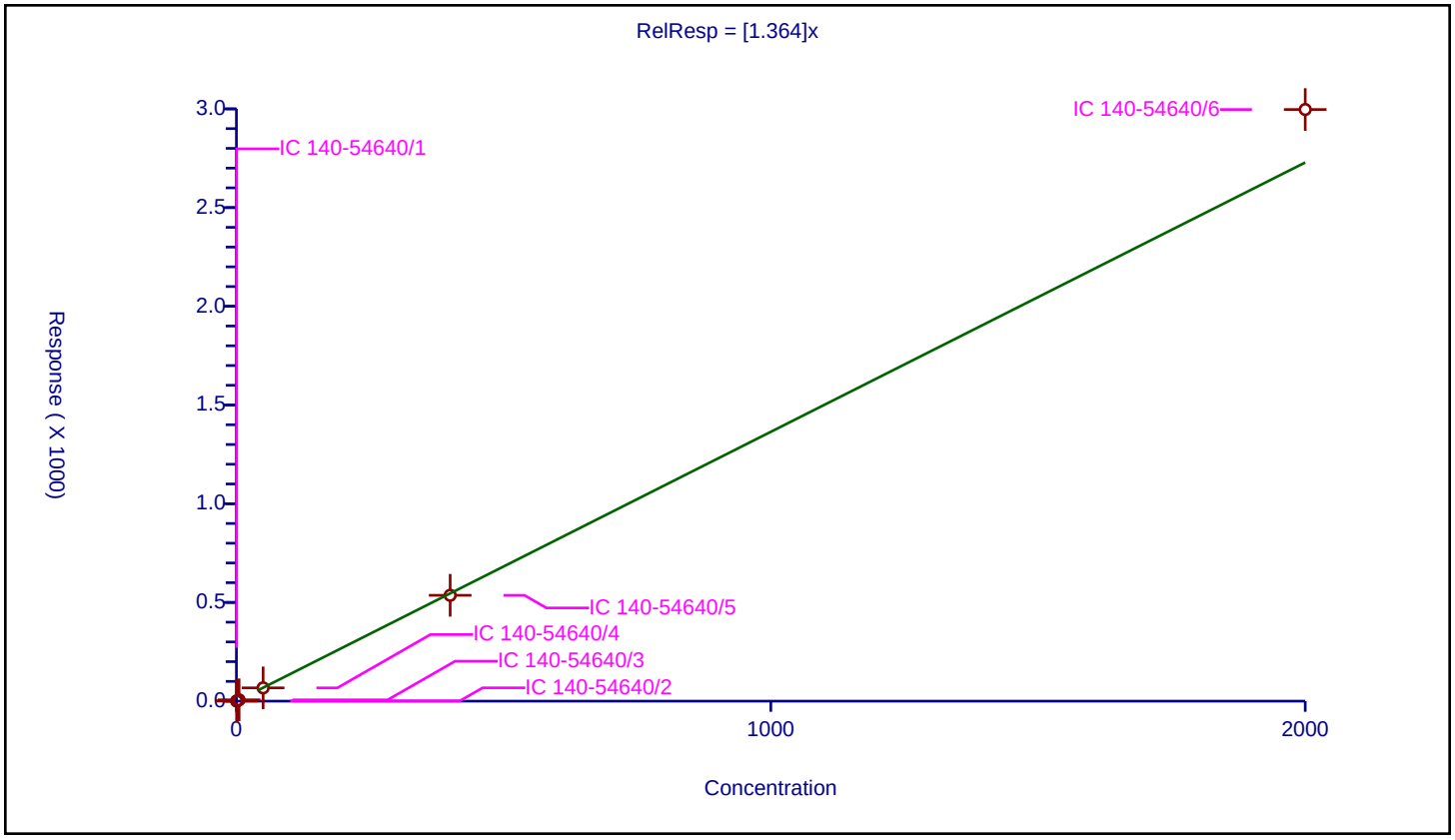
Curve Coefficients

Intercept:	0
Slope:	1.364

Error Coefficients

Standard Error:	301000000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.699321	100.0	21863922.0	1.398642	Y
2	IC 140-54640/2	1.0	1.271977	100.0	22002358.0	1.271977	Y
3	IC 140-54640/3	5.0	6.660475	100.0	22105797.0	1.332095	Y
4	IC 140-54640/4	50.0	67.21028	100.0	21207598.0	1.344206	Y
5	IC 140-54640/5	400.0	536.031322	100.0	21576172.0	1.340078	Y
6	IC 140-54640/6	2000.0	2996.813124	100.0	22140336.0	1.498407	Y



Calibration / PCB-68

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

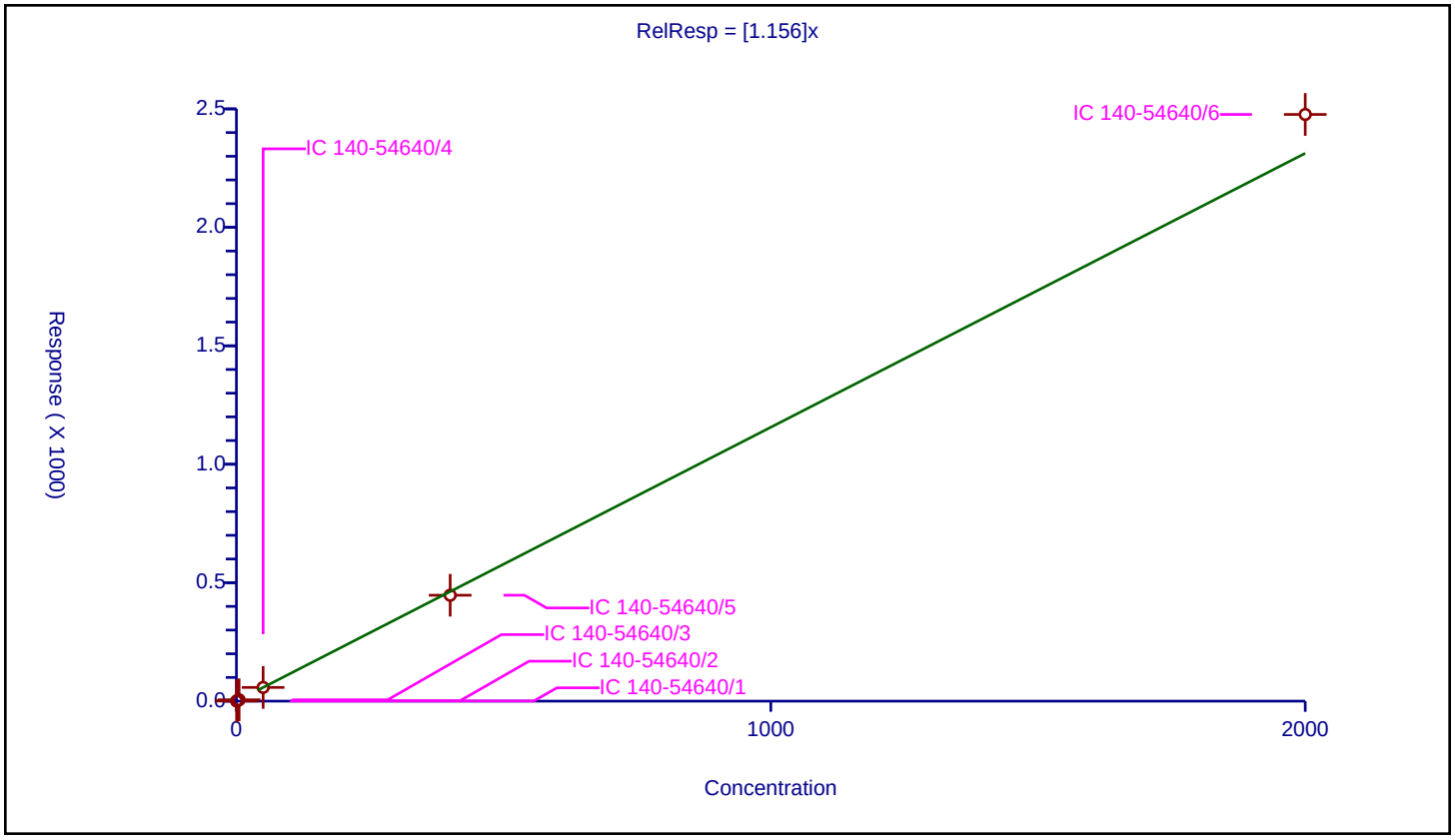
Curve Coefficients

Intercept:	0
Slope:	1.156

Error Coefficients

Standard Error:	249000000
Relative Standard Error:	3.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.569289	100.0	21863922.0	1.138579	Y
2	IC 140-54640/2	1.0	1.148945	100.0	22002358.0	1.148945	Y
3	IC 140-54640/3	5.0	5.685323	100.0	22105797.0	1.137065	Y
4	IC 140-54640/4	50.0	57.842604	100.0	21207598.0	1.156852	Y
5	IC 140-54640/5	400.0	447.091444	100.0	21576172.0	1.117729	Y
6	IC 140-54640/6	2000.0	2476.466355	100.0	22140336.0	1.238233	Y



Calibration / PCB-69

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

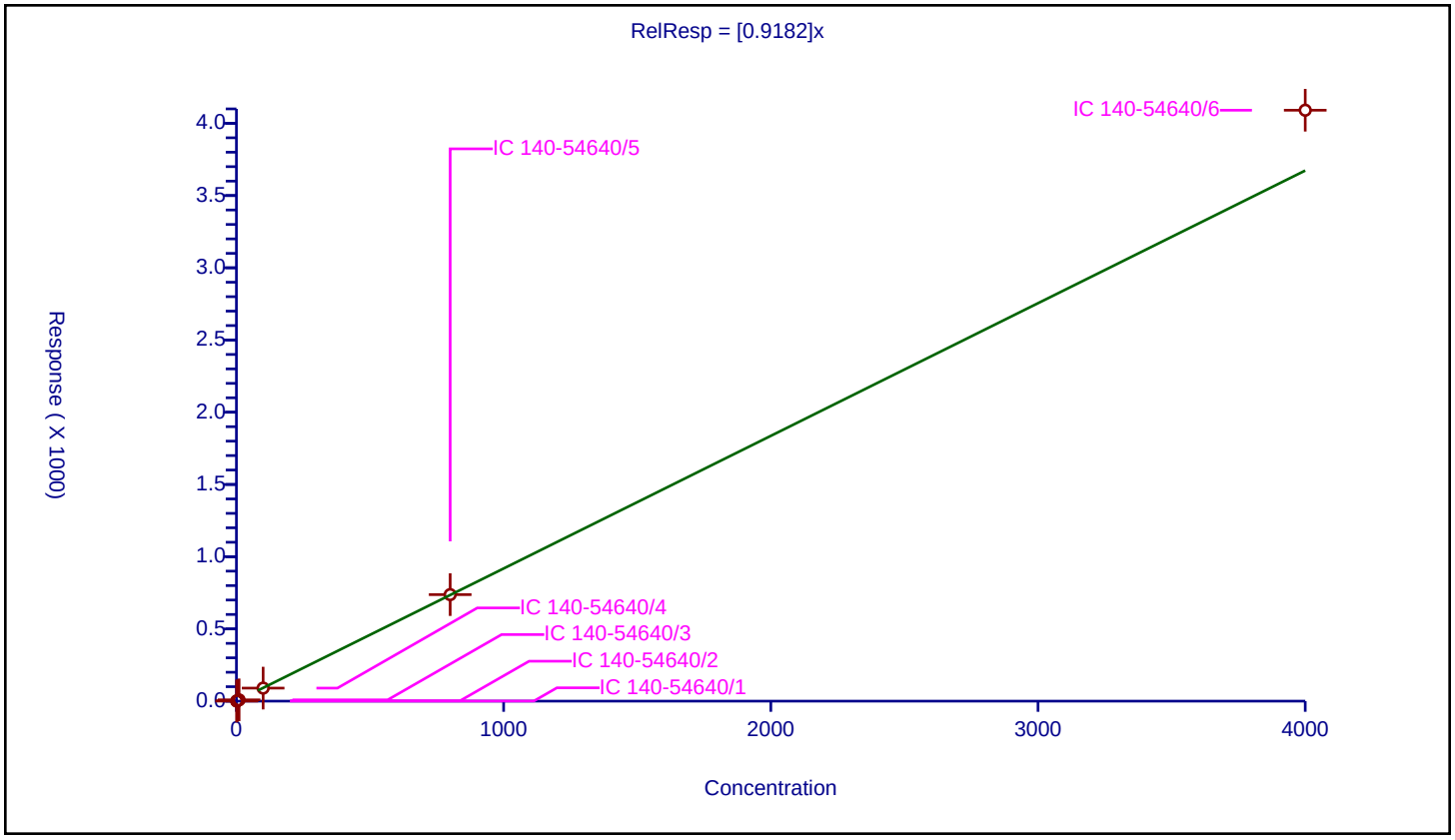
Curve Coefficients

Intercept:	0
Slope:	0.9182

Error Coefficients

Standard Error:	411000000
Relative Standard Error:	5.9
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.903818	100.0	21863922.0	0.903818	Y
2	IC 140-54640/2	2.0	1.744122	100.0	22002358.0	0.872061	Y
3	IC 140-54640/3	10.0	8.858776	100.0	22105797.0	0.885878	Y
4	IC 140-54640/4	100.0	90.327891	100.0	21207598.0	0.903279	Y
5	IC 140-54640/5	800.0	737.389839	100.0	21576172.0	0.921737	Y
6	IC 140-54640/6	4000.0	4090.773636	100.0	22140336.0	1.022693	Y



Calibration / PCB-7

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

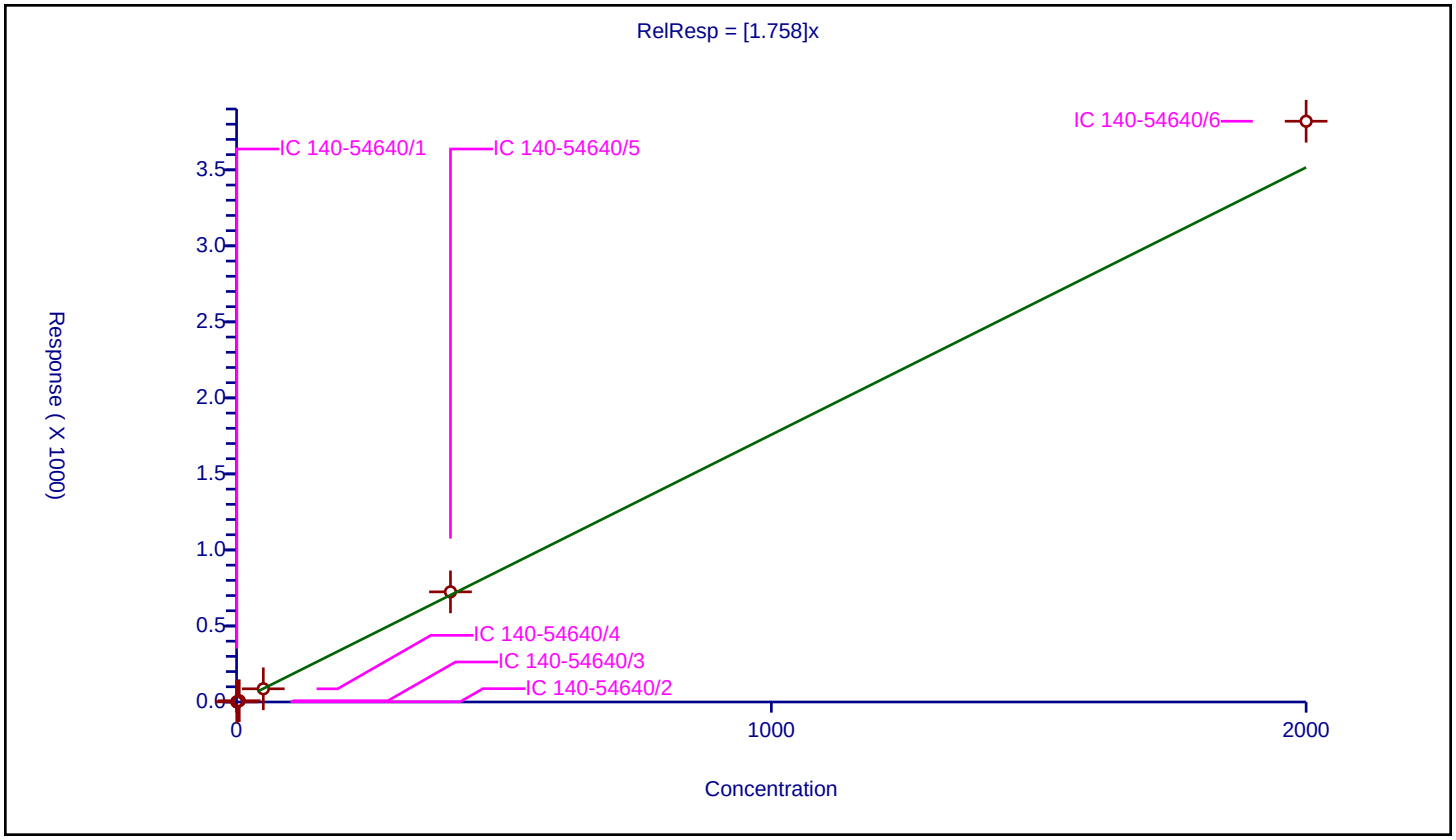
Curve Coefficients

Intercept:	0
Slope:	1.758

Error Coefficients

Standard Error:	215000000
Relative Standard Error:	5.5
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.889384	100.0	12405884.0	1.778769	Y
2	IC 140-54640/2	1.0	1.644957	100.0	12725624.0	1.644957	Y
3	IC 140-54640/3	5.0	8.349185	100.0	12672398.0	1.669837	Y
4	IC 140-54640/4	50.0	86.687467	100.0	12271526.0	1.733749	Y
5	IC 140-54640/5	400.0	724.219523	100.0	11924149.0	1.810549	Y
6	IC 140-54640/6	2000.0	3819.707807	100.0	12348832.0	1.909854	Y



Calibration / PCB-70

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

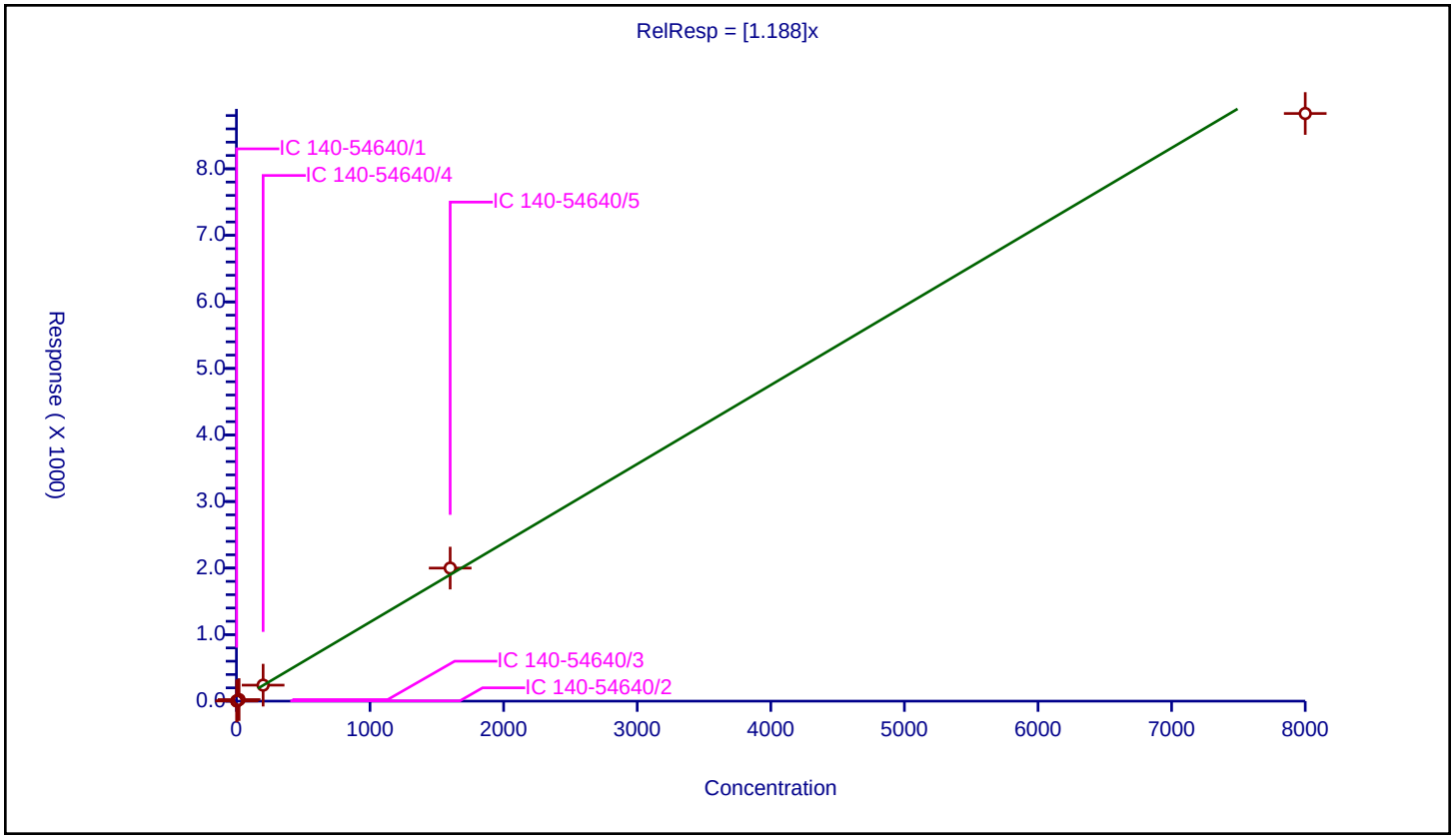
Curve Coefficients

Intercept:	0
Slope:	1.188

Error Coefficients

Standard Error:	896000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	2.491584	100.0	21863922.0	1.245792	Y
2	IC 140-54640/2	4.0	4.620214	100.0	22002358.0	1.155053	Y
3	IC 140-54640/3	20.0	23.402332	100.0	22105797.0	1.170117	Y
4	IC 140-54640/4	200.0	240.268469	100.0	21207598.0	1.201342	Y
5	IC 140-54640/5	1600.0	1999.593292	100.0	21576172.0	1.249746	Y
6	IC 140-54640/6	8000.0	8830.650592	100.0	22140336.0	1.103831	Y



Calibration / PCB-71

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

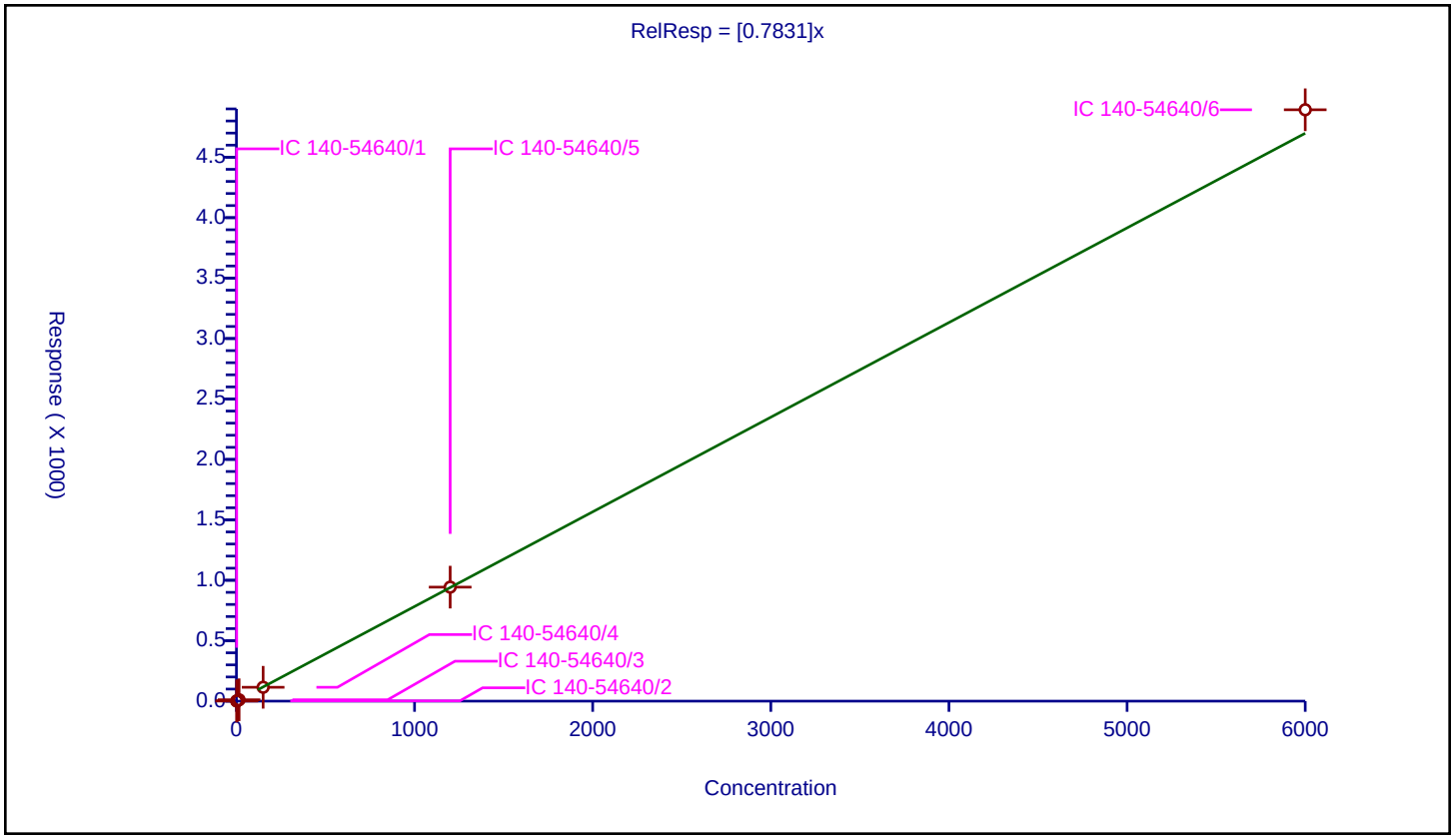
Curve Coefficients

Intercept:	0
Slope:	0.7831

Error Coefficients

Standard Error:	493000000
Relative Standard Error:	3.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.210231	100.0	21863922.0	0.806821	Y
2	IC 140-54640/2	3.0	2.295604	100.0	22002358.0	0.765201	Y
3	IC 140-54640/3	15.0	11.402326	100.0	22105797.0	0.760155	Y
4	IC 140-54640/4	150.0	114.727656	100.0	21207598.0	0.764851	Y
5	IC 140-54640/5	1200.0	943.166809	100.0	21576172.0	0.785972	Y
6	IC 140-54640/6	6000.0	4892.718923	100.0	22140336.0	0.815453	Y



Calibration / PCB-72

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

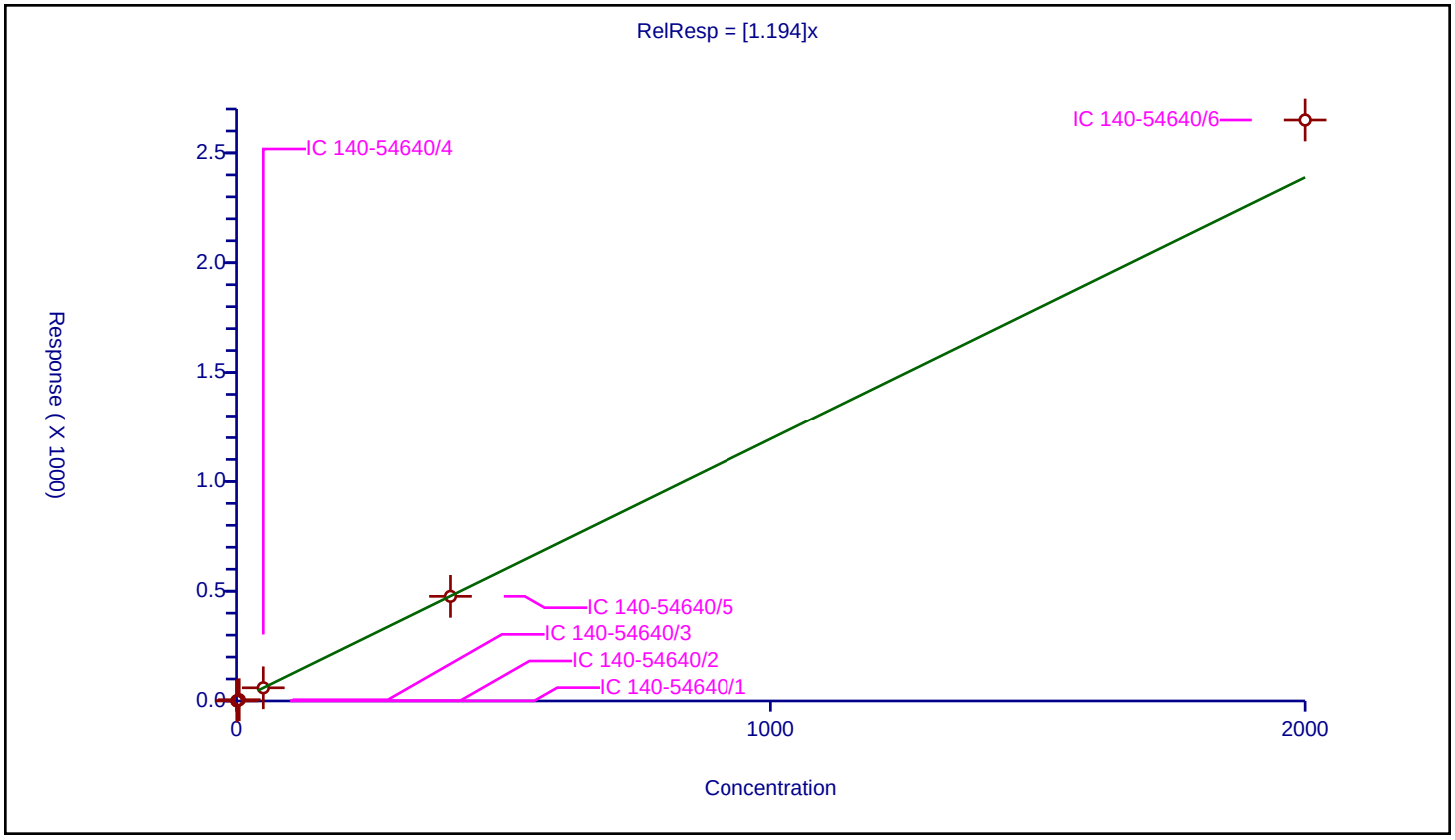
Curve Coefficients

Intercept:	0
Slope:	1.194

Error Coefficients

Standard Error:	266000000
Relative Standard Error:	5.7
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.575331	100.0	21863922.0	1.150663	Y
2	IC 140-54640/2	1.0	1.15229	100.0	22002358.0	1.15229	Y
3	IC 140-54640/3	5.0	5.736694	100.0	22105797.0	1.147339	Y
4	IC 140-54640/4	50.0	60.014458	100.0	21207598.0	1.200289	Y
5	IC 140-54640/5	400.0	476.48613	100.0	21576172.0	1.191215	Y
6	IC 140-54640/6	2000.0	2650.020253	100.0	22140336.0	1.32501	Y



Calibration / PCB-73

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

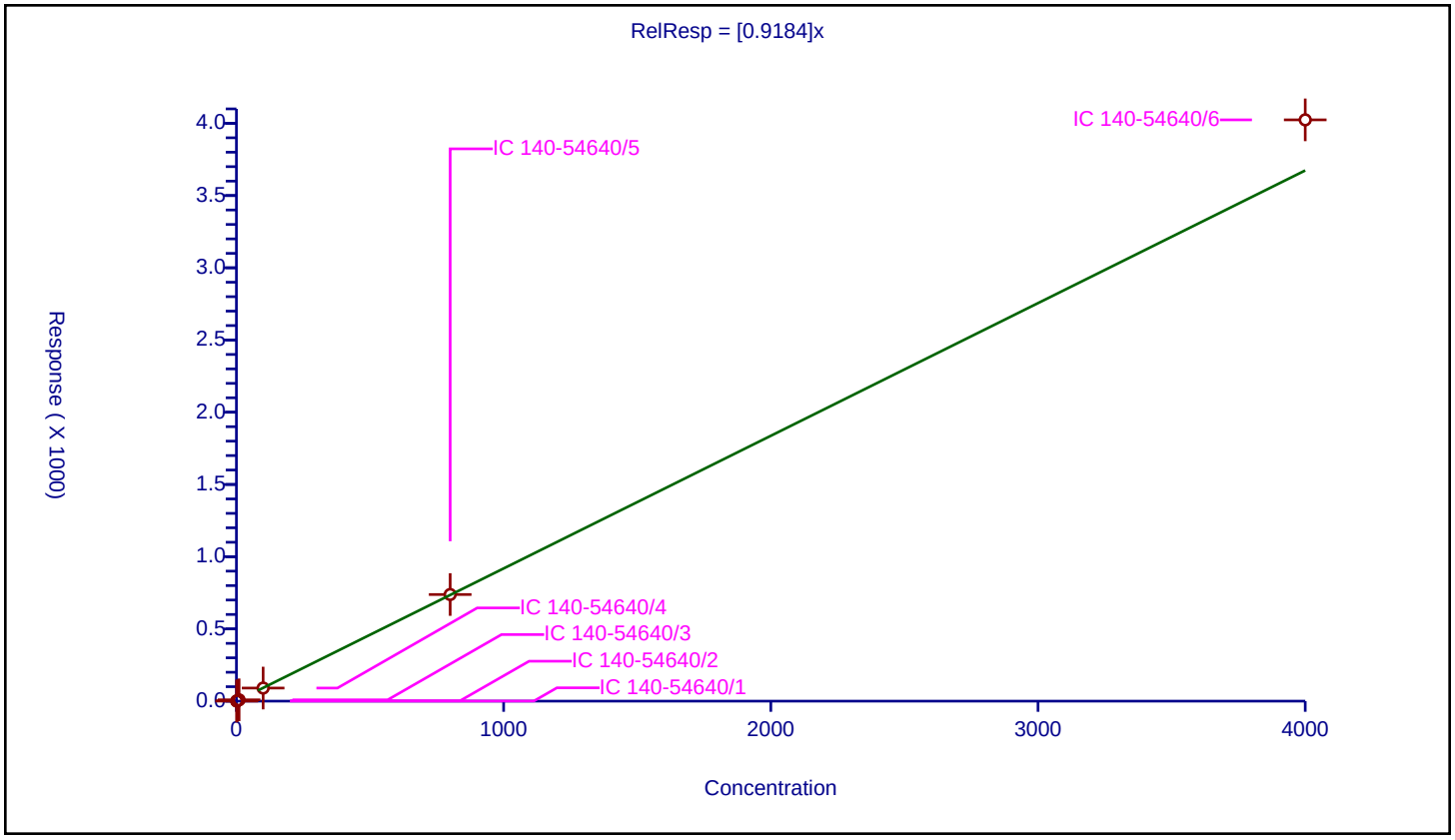
Curve Coefficients

Intercept:	0
Slope:	0.9184

Error Coefficients

Standard Error:	405000000
Relative Standard Error:	5.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.888198	100.0	21863922.0	0.888198	Y
2	IC 140-54640/2	2.0	1.753912	100.0	22002358.0	0.876956	Y
3	IC 140-54640/3	10.0	9.110425	100.0	22105797.0	0.911042	Y
4	IC 140-54640/4	100.0	90.580876	100.0	21207598.0	0.905809	Y
5	IC 140-54640/5	800.0	738.15206	100.0	21576172.0	0.92269	Y
6	IC 140-54640/6	4000.0	4024.014902	100.0	22140336.0	1.006004	Y



Calibration / PCB-74

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

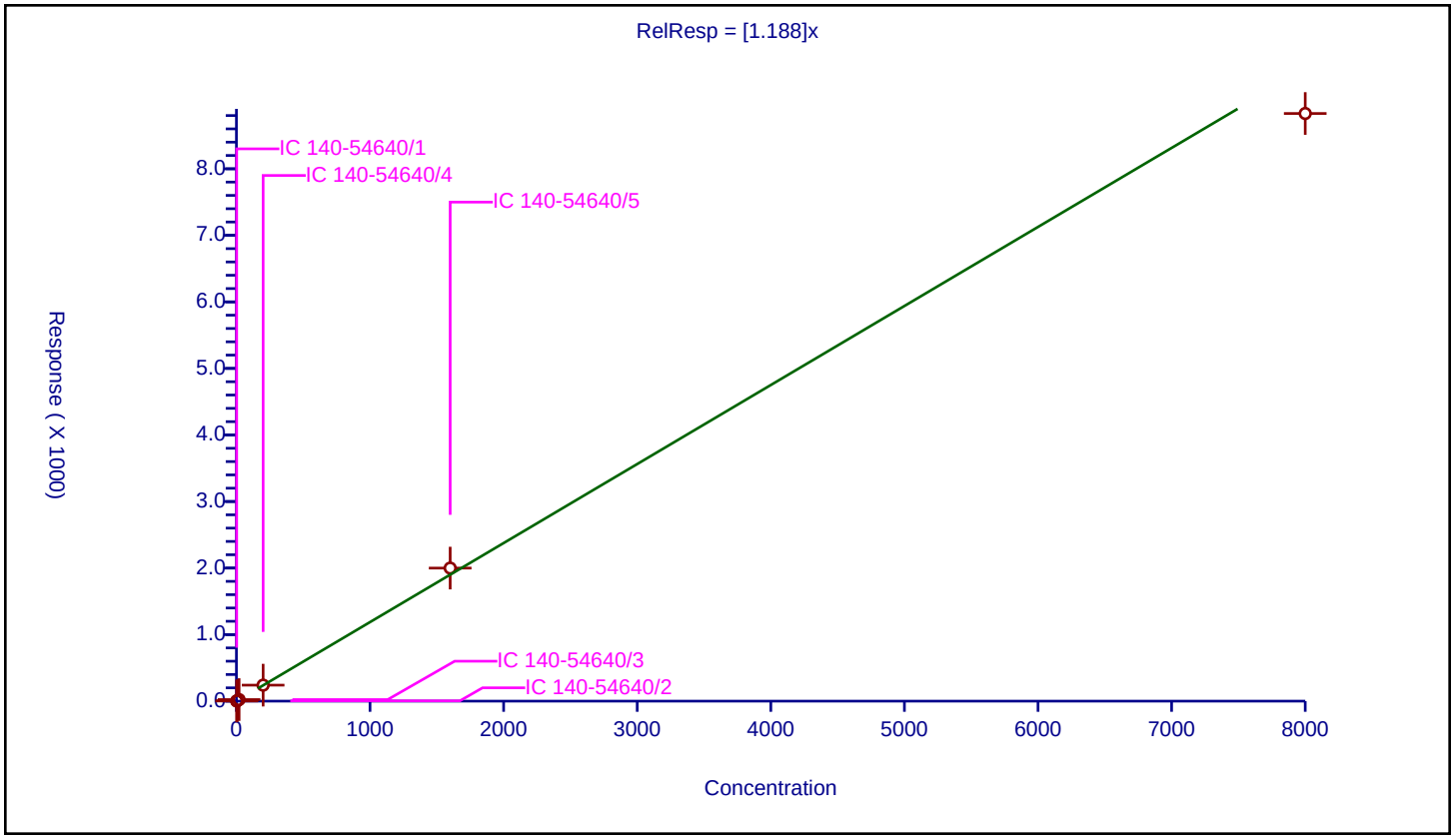
Curve Coefficients

Intercept:	0
Slope:	1.188

Error Coefficients

Standard Error:	896000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	2.491584	100.0	21863922.0	1.245792	Y
2	IC 140-54640/2	4.0	4.620214	100.0	22002358.0	1.155053	Y
3	IC 140-54640/3	20.0	23.402332	100.0	22105797.0	1.170117	Y
4	IC 140-54640/4	200.0	240.268469	100.0	21207598.0	1.201342	Y
5	IC 140-54640/5	1600.0	1999.593292	100.0	21576172.0	1.249746	Y
6	IC 140-54640/6	8000.0	8830.650592	100.0	22140336.0	1.103831	Y



Calibration / PCB-75

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

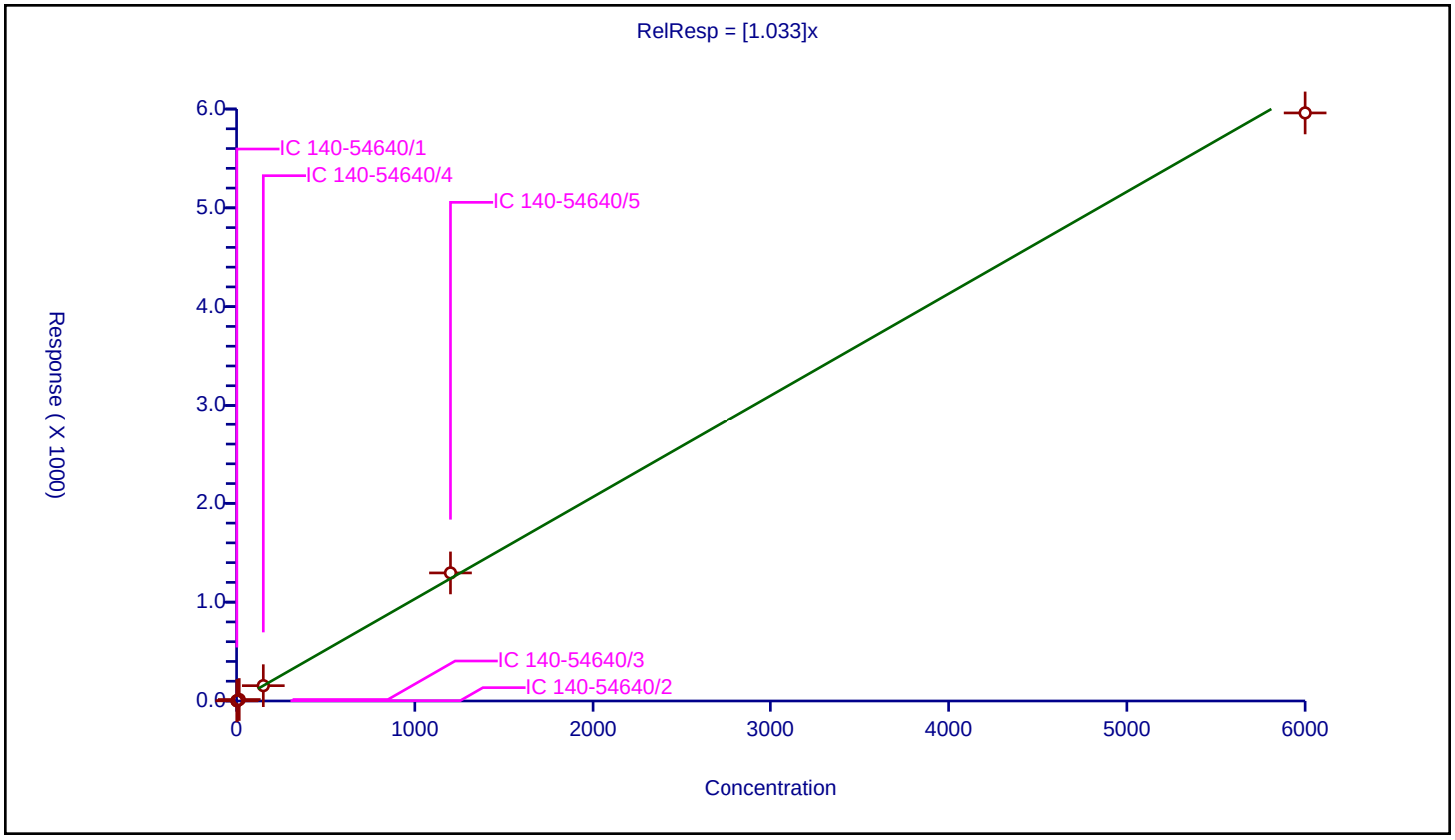
Curve Coefficients

Intercept:	0
Slope:	1.033

Error Coefficients

Standard Error:	603000000
Relative Standard Error:	4.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.637629	100.0	21863922.0	1.091753	Y
2	IC 140-54640/2	3.0	2.996824	100.0	22002358.0	0.998941	Y
3	IC 140-54640/3	15.0	14.97072	100.0	22105797.0	0.998048	Y
4	IC 140-54640/4	150.0	155.015462	100.0	21207598.0	1.033436	Y
5	IC 140-54640/5	1200.0	1295.850705	100.0	21576172.0	1.079876	Y
6	IC 140-54640/6	6000.0	5960.424842	100.0	22140336.0	0.993404	Y



Calibration / PCB-76

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

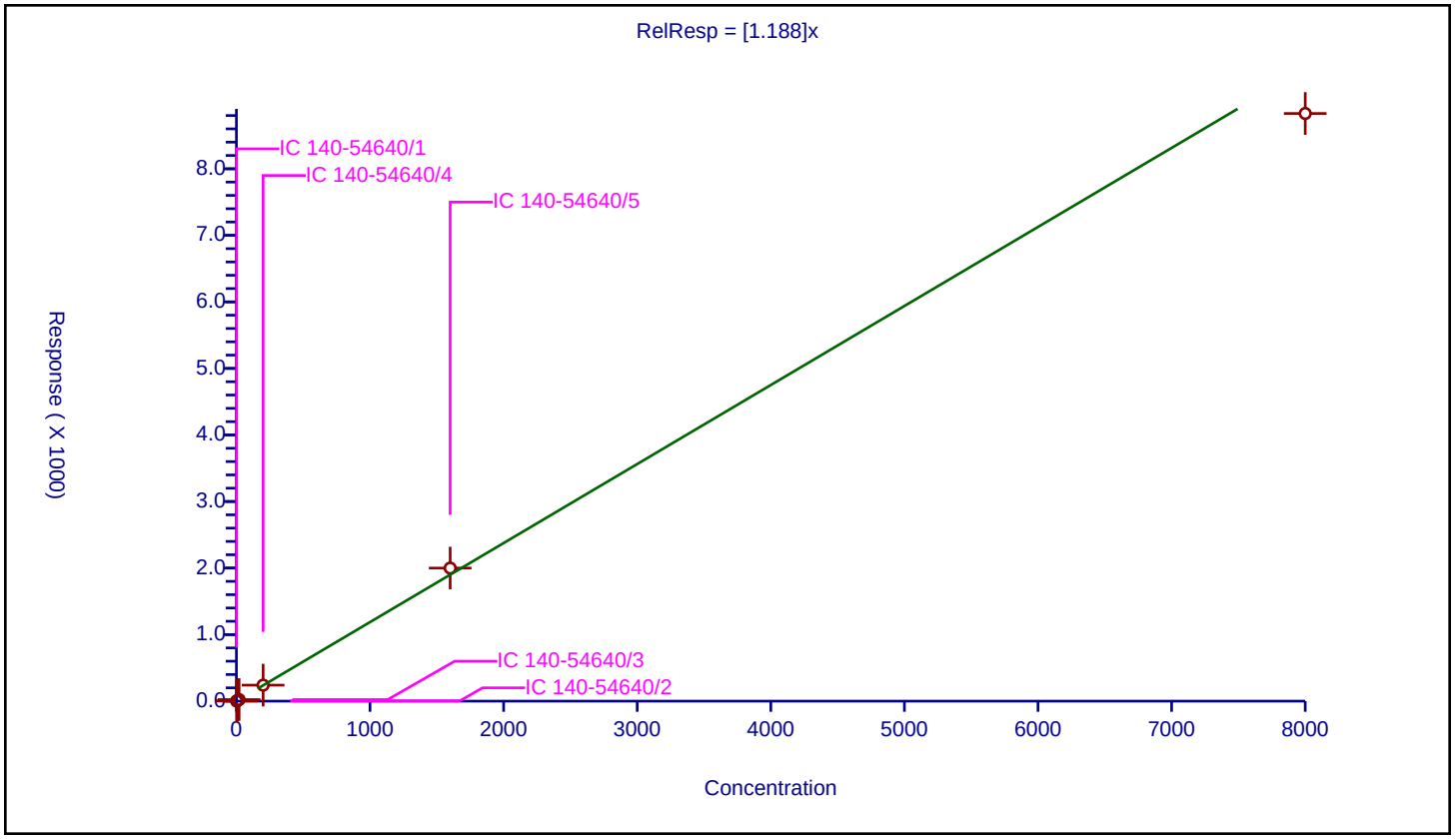
Curve Coefficients

Intercept:	0
Slope:	1.188

Error Coefficients

Standard Error:	896000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	2.0	2.491584	100.0	21863922.0	1.245792	Y
2	IC 140-54640/2	4.0	4.620214	100.0	22002358.0	1.155053	Y
3	IC 140-54640/3	20.0	23.402332	100.0	22105797.0	1.170117	Y
4	IC 140-54640/4	200.0	240.268469	100.0	21207598.0	1.201342	Y
5	IC 140-54640/5	1600.0	1999.593292	100.0	21576172.0	1.249746	Y
6	IC 140-54640/6	8000.0	8830.650592	100.0	22140336.0	1.103831	Y



Calibration / PCB-77

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

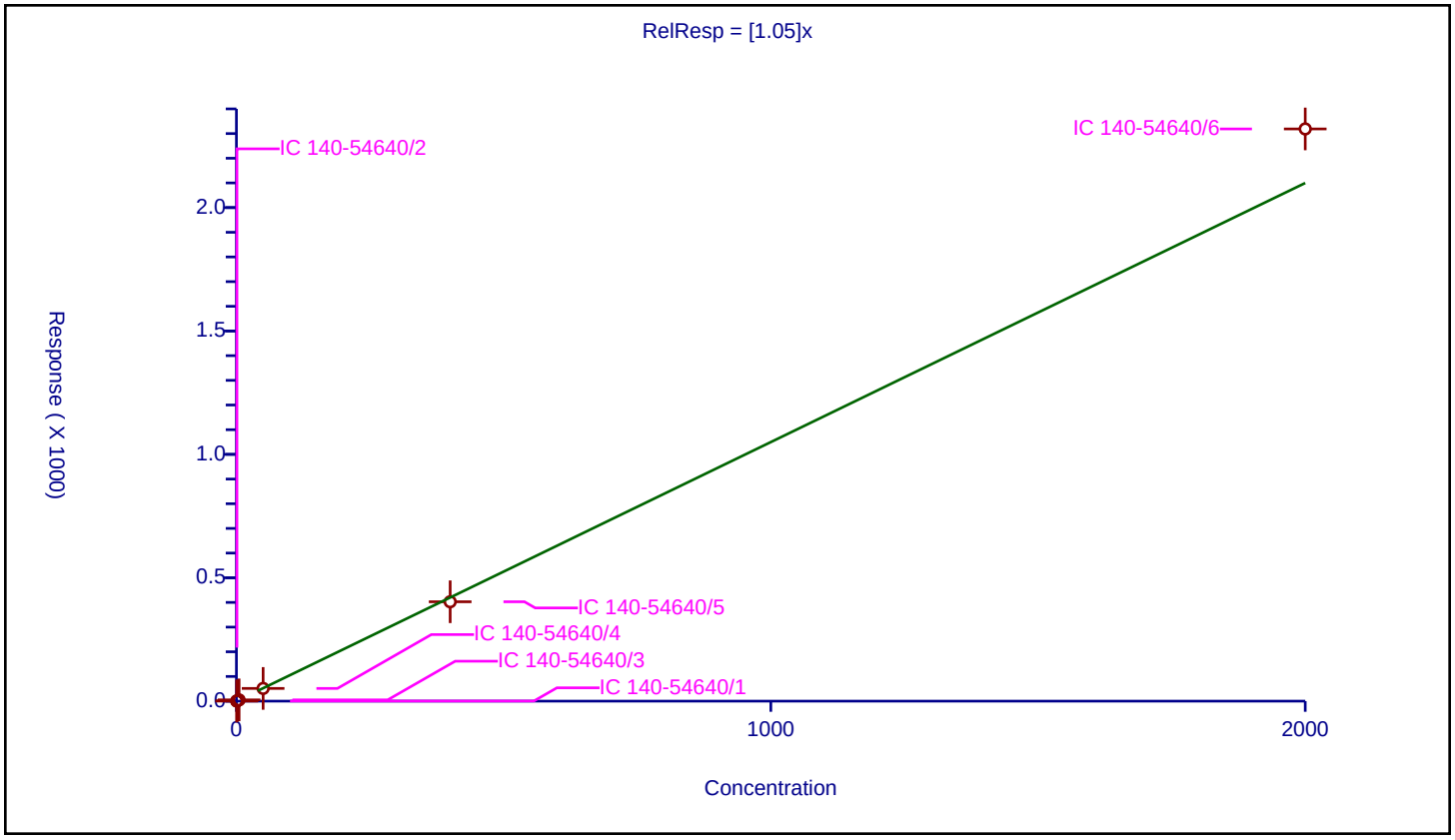
Curve Coefficients

Intercept:	0
Slope:	1.05

Error Coefficients

Standard Error:	239000000
Relative Standard Error:	5.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.514458	100.0	22917725.0	1.028915	Y
2	IC 140-54640/2	1.0	1.05773	100.0	23364080.0	1.05773	Y
3	IC 140-54640/3	5.0	5.07517	100.0	23410586.0	1.015034	Y
4	IC 140-54640/4	50.0	51.544722	100.0	22545449.0	1.030894	Y
5	IC 140-54640/5	400.0	402.744401	100.0	23333911.0	1.006861	Y
6	IC 140-54640/6	2000.0	2318.744342	100.0	22684328.0	1.159372	Y



Calibration / PCB-78

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

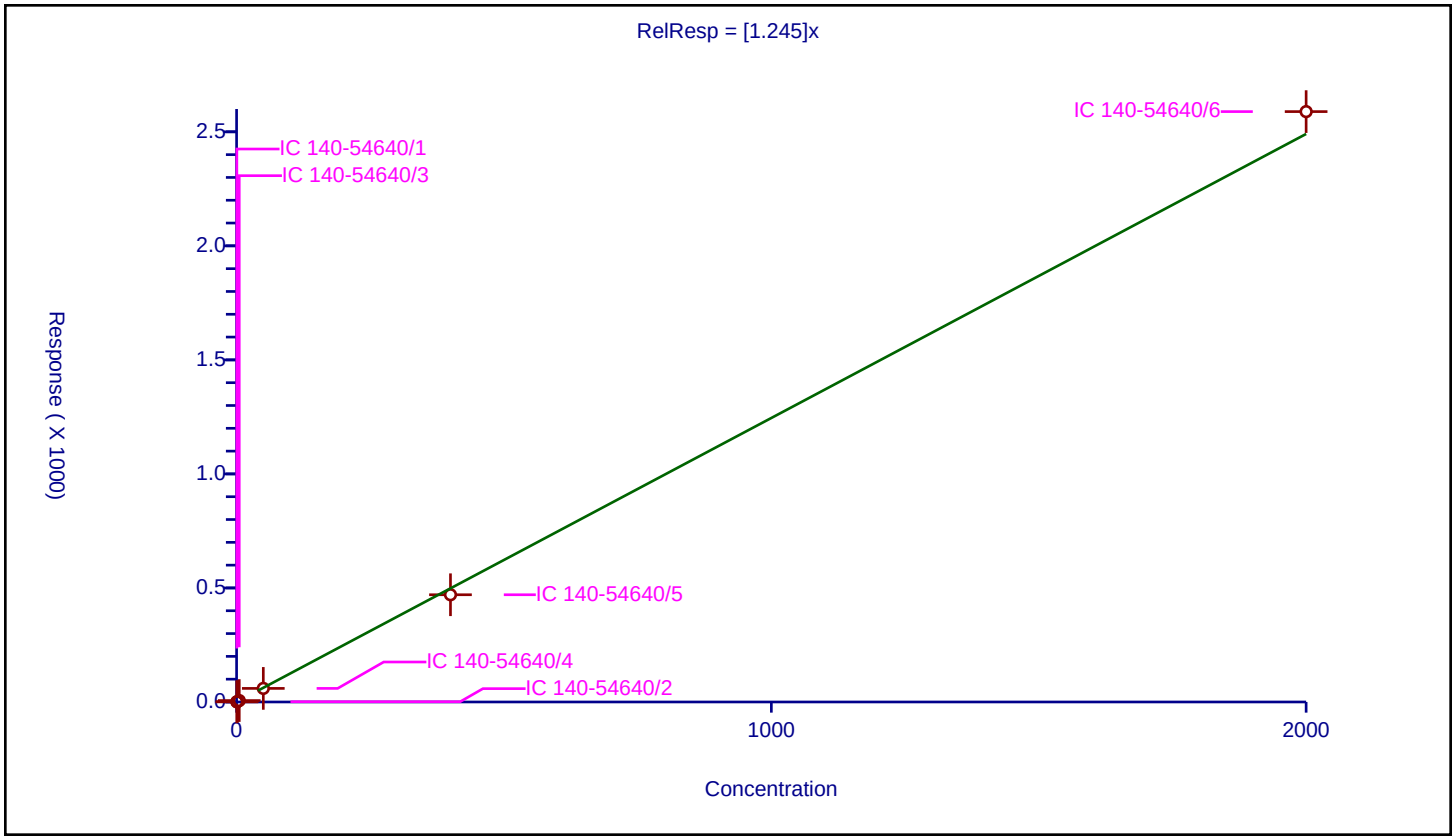
Curve Coefficients

Intercept:	0
Slope:	1.245

Error Coefficients

Standard Error:	260000000
Relative Standard Error:	5.0
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.667776	100.0	21863922.0	1.335552	Y
2	IC 140-54640/2	1.0	1.217124	100.0	22002358.0	1.217124	Y
3	IC 140-54640/3	5.0	6.289576	100.0	22105797.0	1.257915	Y
4	IC 140-54640/4	50.0	59.573366	100.0	21207598.0	1.191467	Y
5	IC 140-54640/5	400.0	470.233756	100.0	21576172.0	1.175584	Y
6	IC 140-54640/6	2000.0	2588.605186	100.0	22140336.0	1.294303	Y



Calibration / PCB-79

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

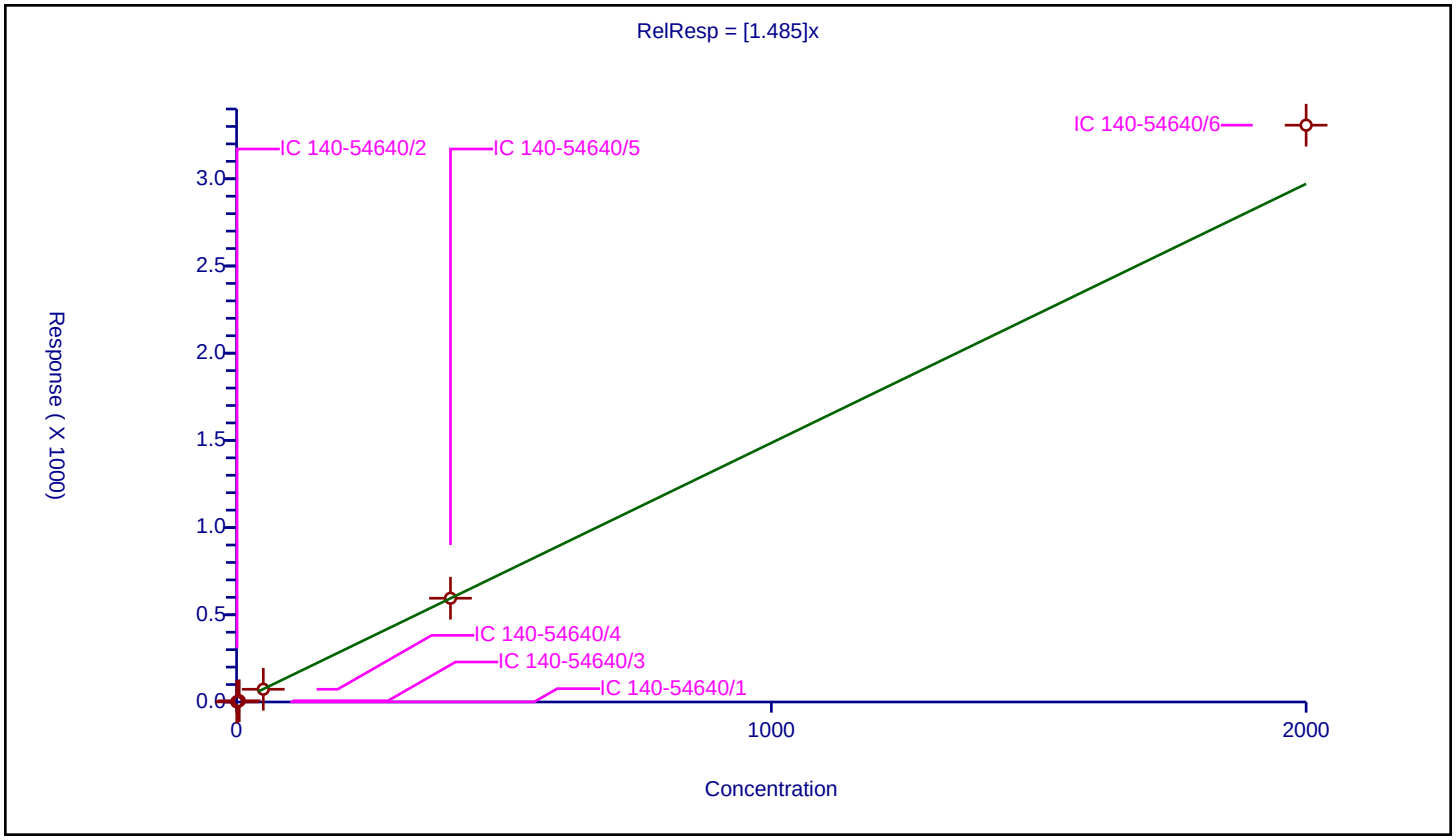
Curve Coefficients

Intercept:	0
Slope:	1.485

Error Coefficients

Standard Error:	333000000
Relative Standard Error:	6.1
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.712461	100.0	21863922.0	1.424923	Y
2	IC 140-54640/2	1.0	1.491404	100.0	22002358.0	1.491404	Y
3	IC 140-54640/3	5.0	6.973144	100.0	22105797.0	1.394629	Y
4	IC 140-54640/4	50.0	73.040337	100.0	21207598.0	1.460807	Y
5	IC 140-54640/5	400.0	594.888143	100.0	21576172.0	1.48722	Y
6	IC 140-54640/6	2000.0	3307.348448	100.0	22140336.0	1.653674	Y



Calibration / PCB-79L

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

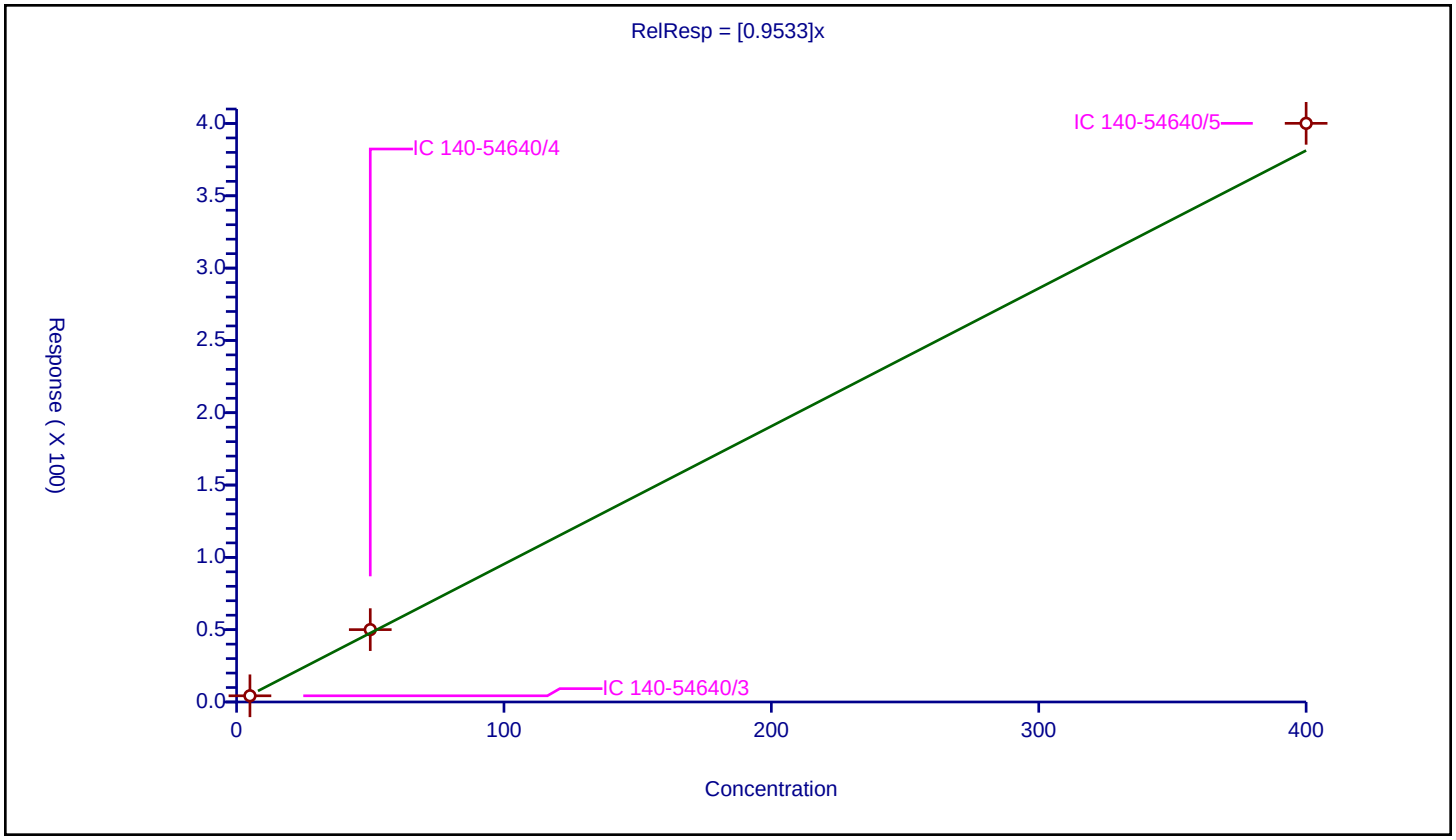
Curve Coefficients

Intercept:	0
Slope:	0.9533

Error Coefficients

Standard Error:	61500000
Relative Standard Error:	8.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/3	5.0	4.294403	100.0	22105797.0	0.858881	Y
2	IC 140-54640/4	50.0	50.037567	100.0	21207598.0	1.000751	Y
3	IC 140-54640/5	400.0	400.096125	100.0	21576172.0	1.00024	Y



Calibration / PCB-8

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

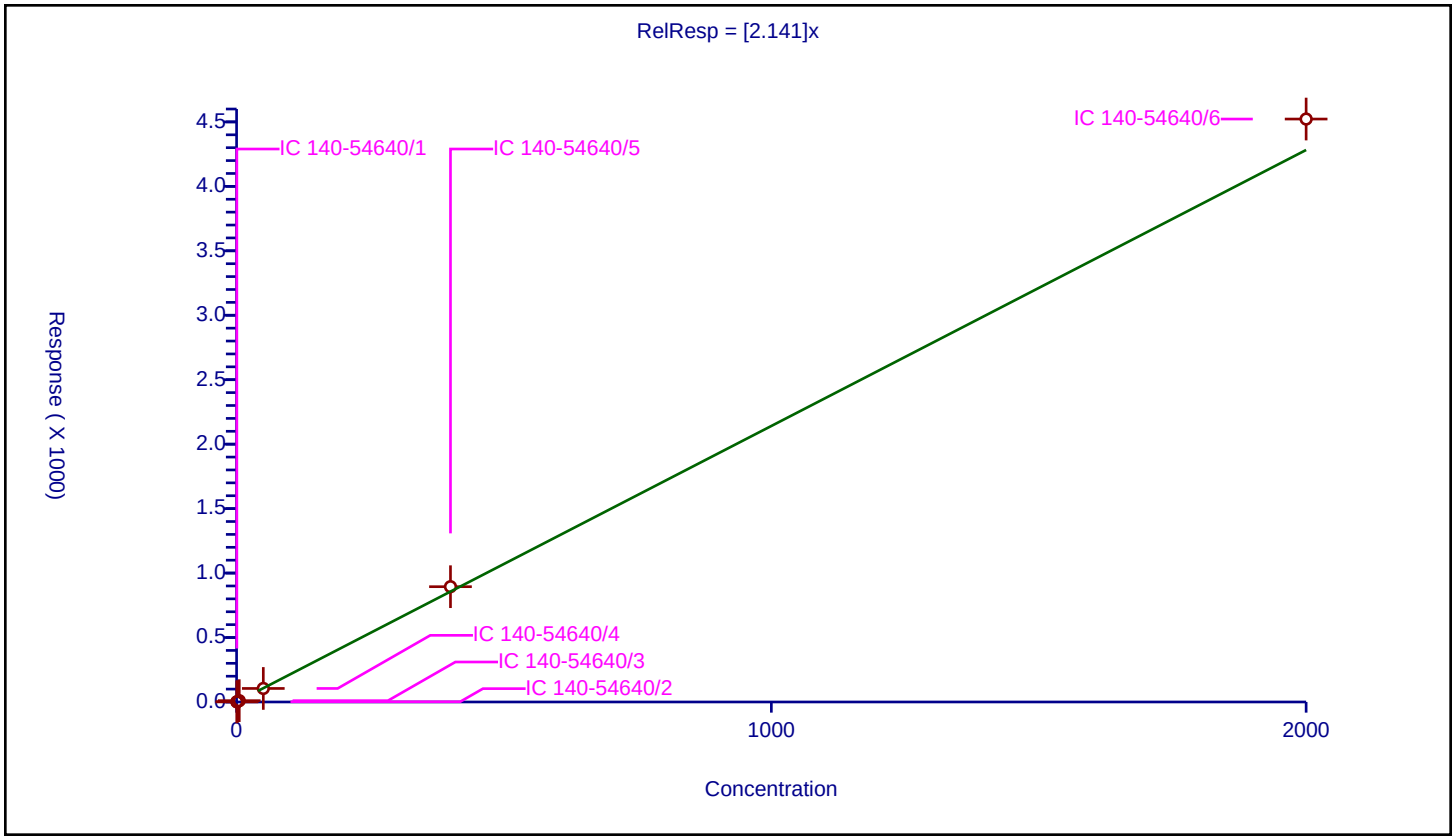
Curve Coefficients

Intercept:	0
Slope:	2.141

Error Coefficients

Standard Error:	254000000
Relative Standard Error:	4.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	1.089991	100.0	12405884.0	2.179982	Y
2	IC 140-54640/2	1.0	2.004232	100.0	12725624.0	2.004232	Y
3	IC 140-54640/3	5.0	10.338233	100.0	12672398.0	2.067647	Y
4	IC 140-54640/4	50.0	104.907866	100.0	12271526.0	2.098157	Y
5	IC 140-54640/5	400.0	894.314353	100.0	11924149.0	2.235786	Y
6	IC 140-54640/6	2000.0	4522.303202	100.0	12348832.0	2.261152	Y



Calibration / PCB-80

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

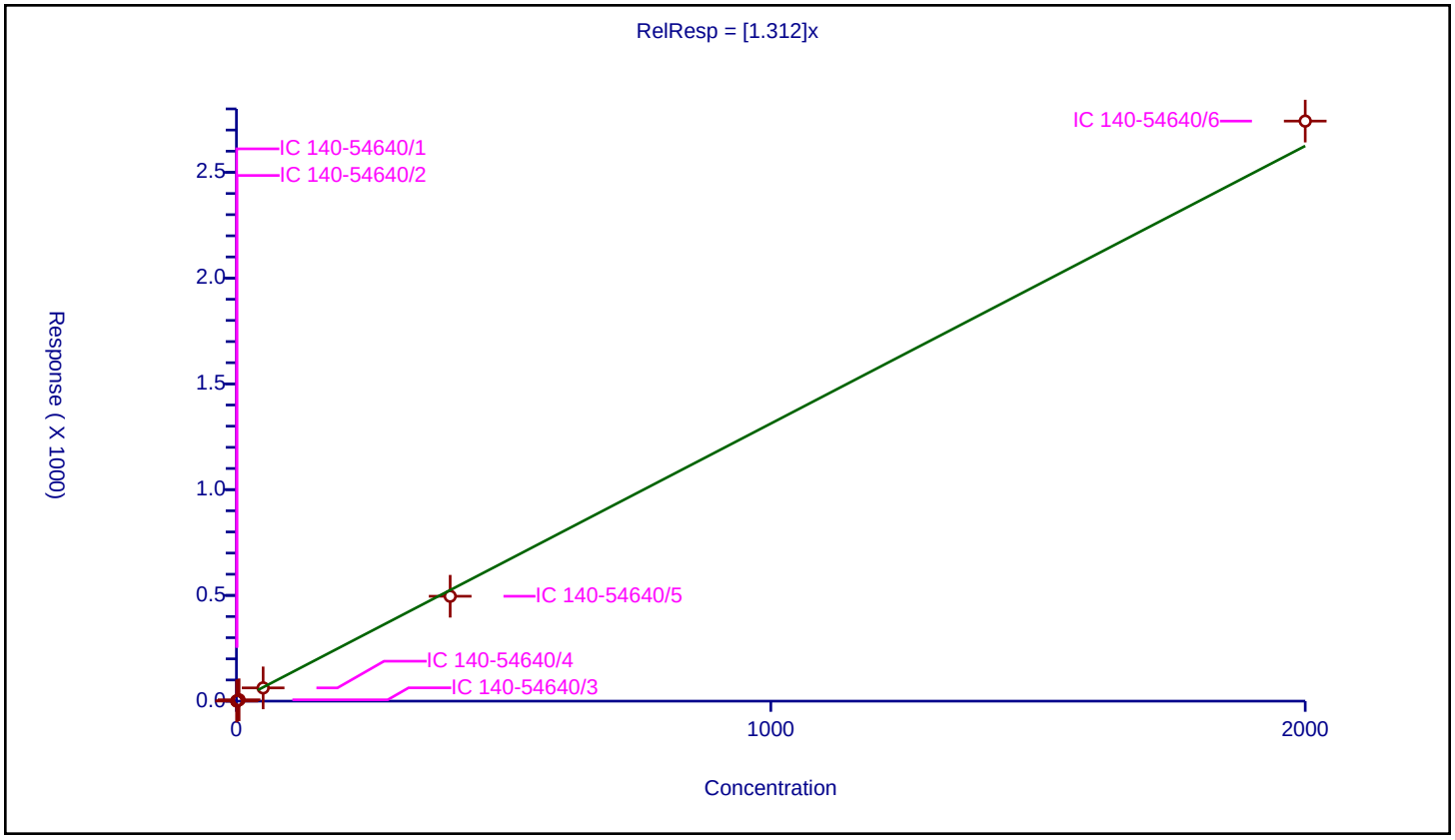
Curve Coefficients

Intercept:	0
Slope:	1.312

Error Coefficients

Standard Error:	276000000
Relative Standard Error:	4.8
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.694688	100.0	21863922.0	1.389376	Y
2	IC 140-54640/2	1.0	1.339066	100.0	22002358.0	1.339066	Y
3	IC 140-54640/3	5.0	6.412268	100.0	22105797.0	1.282454	Y
4	IC 140-54640/4	50.0	62.626338	100.0	21207598.0	1.252527	Y
5	IC 140-54640/5	400.0	495.983194	100.0	21576172.0	1.239958	Y
6	IC 140-54640/6	2000.0	2742.270623	100.0	22140336.0	1.371135	Y



Calibration / PCB-81

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

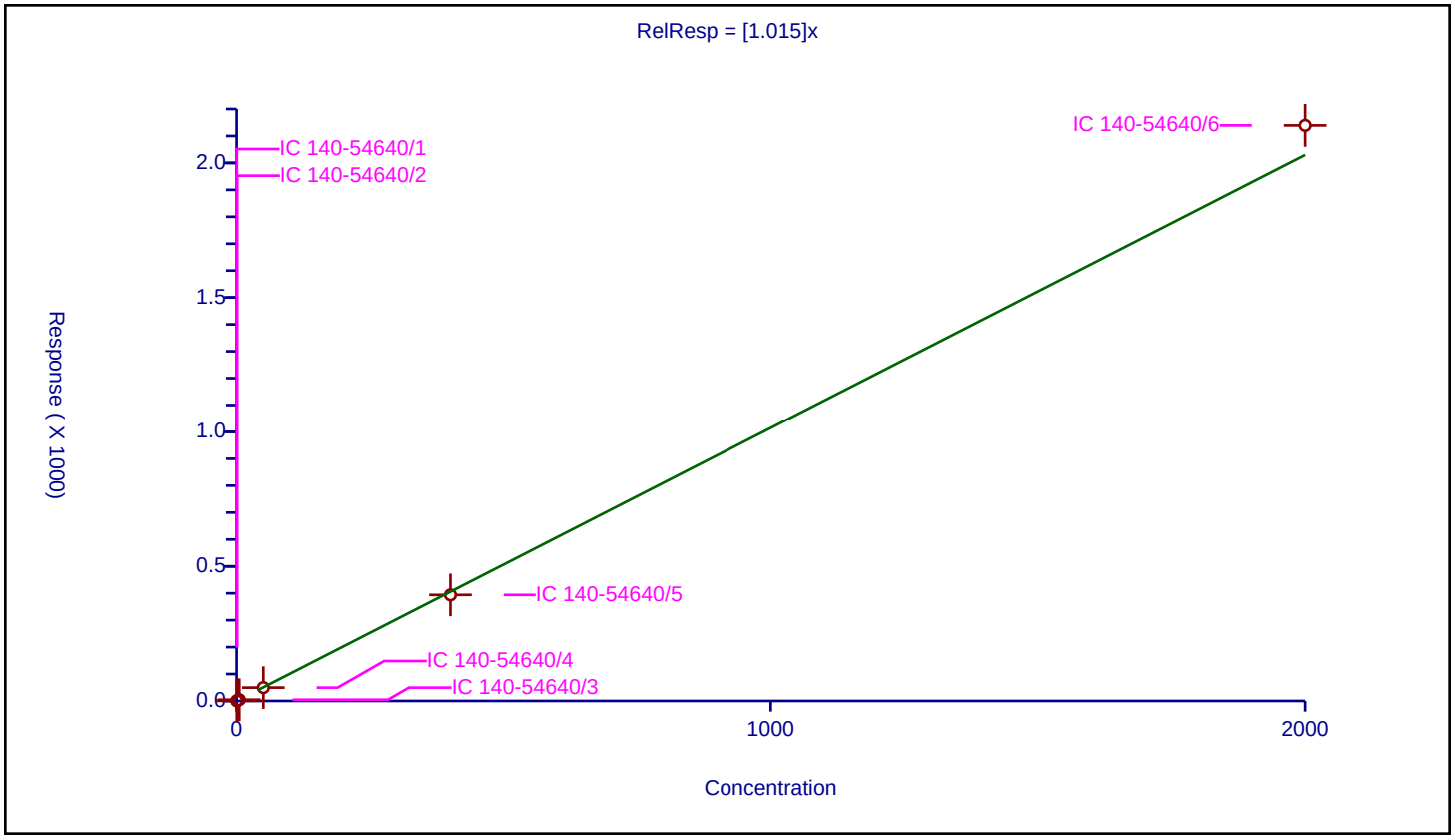
Curve Coefficients

Intercept:	0
Slope:	1.015

Error Coefficients

Standard Error:	215000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.525889	100.0	21863922.0	1.051778	Y
2	IC 140-54640/2	1.0	1.065299	100.0	22002358.0	1.065299	Y
3	IC 140-54640/3	5.0	4.635775	100.0	22105797.0	0.927155	Y
4	IC 140-54640/4	50.0	49.508747	100.0	21207598.0	0.990175	Y
5	IC 140-54640/5	400.0	393.988952	100.0	21576172.0	0.984972	Y
6	IC 140-54640/6	2000.0	2139.273812	100.0	22140336.0	1.069637	Y



Calibration / PCB-82

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

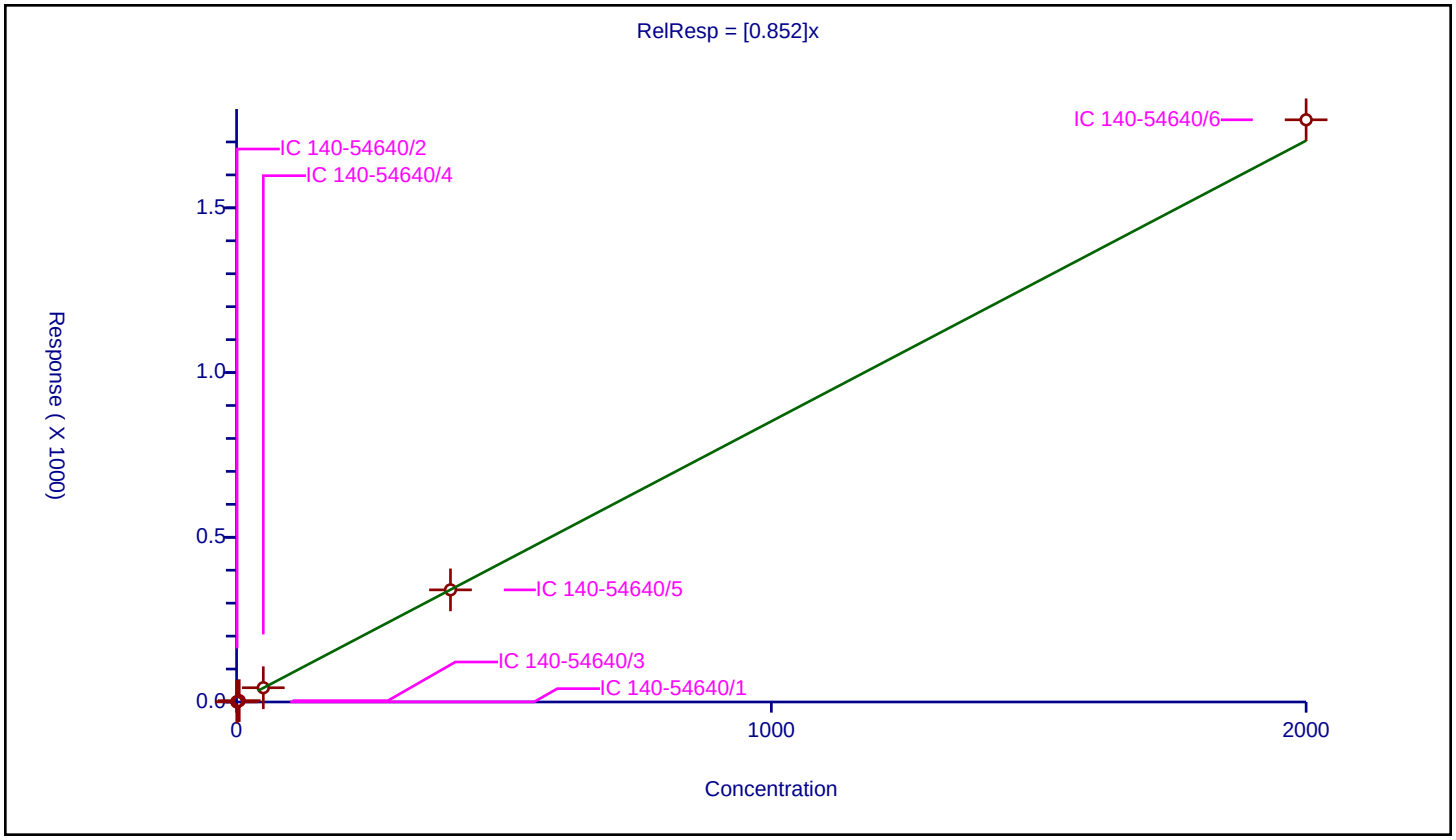
Curve Coefficients

Intercept:	0
Slope:	0.852

Error Coefficients

Standard Error:	112000000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.402942	100.0	14547508.0	0.805884	Y
2	IC 140-54640/2	1.0	0.886819	100.0	14512098.0	0.886819	Y
3	IC 140-54640/3	5.0	4.093951	100.0	14900618.0	0.81879	Y
4	IC 140-54640/4	50.0	43.298296	100.0	13896644.0	0.865966	Y
5	IC 140-54640/5	400.0	340.308862	100.0	13761361.0	0.850772	Y
6	IC 140-54640/6	2000.0	1767.273157	100.0	13976634.0	0.883637	Y



Calibration / PCB-83

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

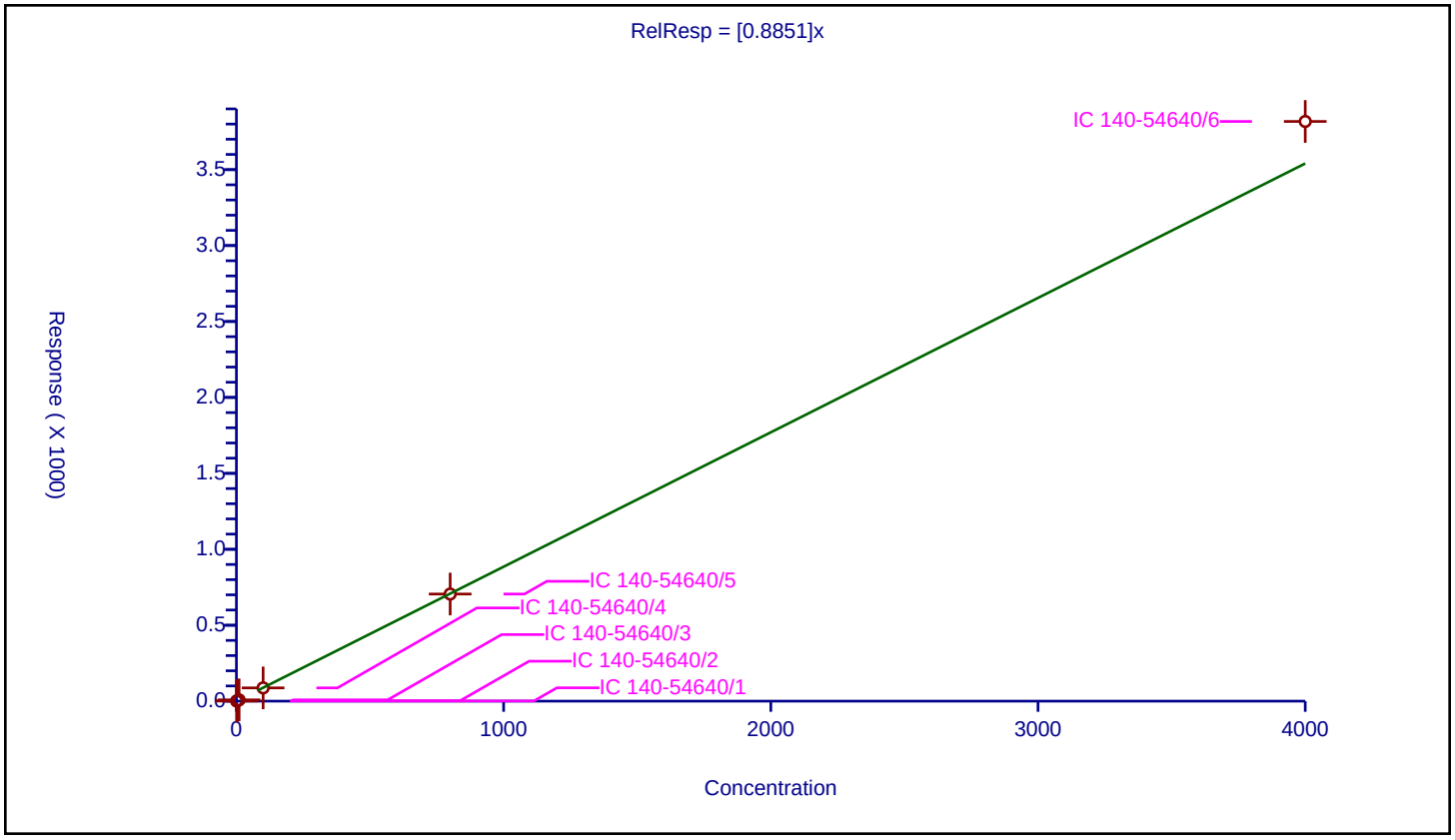
Curve Coefficients

Intercept:	0
Slope:	0.8851

Error Coefficients

Standard Error:	243000000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.878865	100.0	14547508.0	0.878865	Y
2	IC 140-54640/2	2.0	1.757292	100.0	14512098.0	0.878646	Y
3	IC 140-54640/3	10.0	8.439227	100.0	14900618.0	0.843923	Y
4	IC 140-54640/4	100.0	87.329711	100.0	13896644.0	0.873297	Y
5	IC 140-54640/5	800.0	705.291948	100.0	13761361.0	0.881615	Y
6	IC 140-54640/6	4000.0	3817.291195	100.0	13976634.0	0.954323	Y



Calibration / PCB-83/99

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

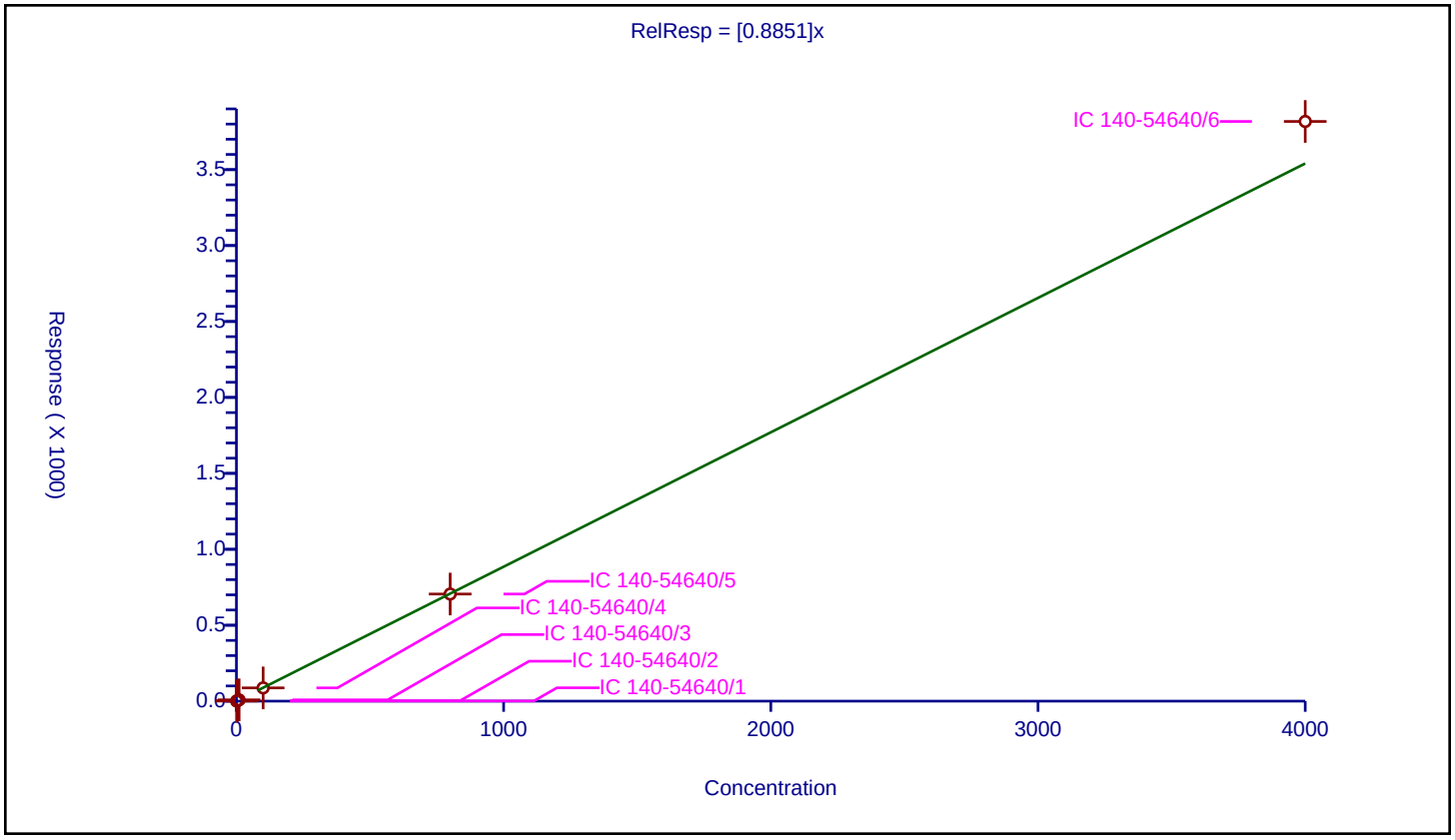
Curve Coefficients

Intercept:	0
Slope:	0.8851

Error Coefficients

Standard Error:	243000000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.878865	100.0	14547508.0	0.878865	Y
2	IC 140-54640/2	2.0	1.757292	100.0	14512098.0	0.878646	Y
3	IC 140-54640/3	10.0	8.439227	100.0	14900618.0	0.843923	Y
4	IC 140-54640/4	100.0	87.329711	100.0	13896644.0	0.873297	Y
5	IC 140-54640/5	800.0	705.291948	100.0	13761361.0	0.881615	Y
6	IC 140-54640/6	4000.0	3817.291195	100.0	13976634.0	0.954323	Y



Calibration / PCB-84

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

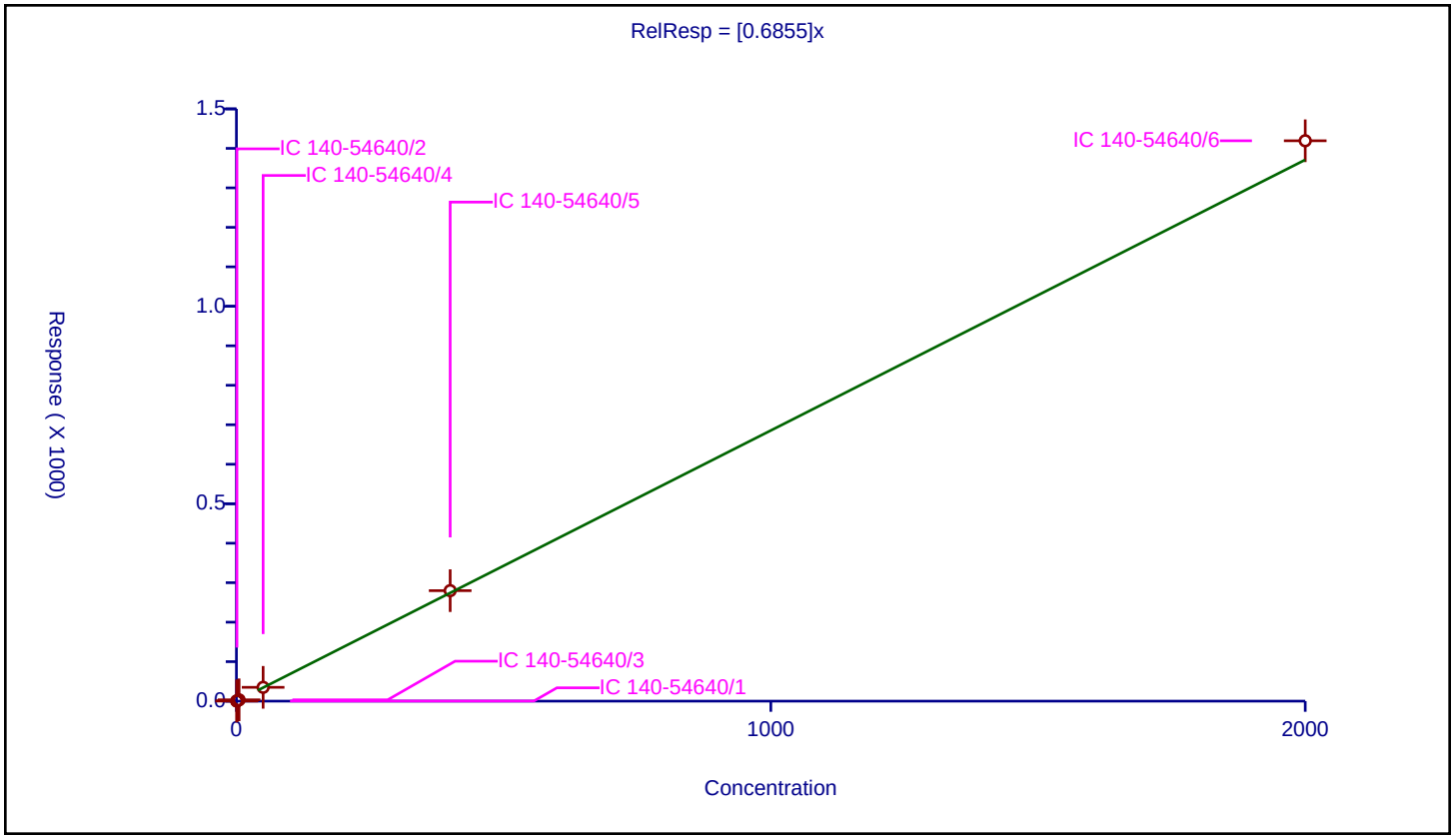
Curve Coefficients

Intercept:	0
Slope:	0.6855

Error Coefficients

Standard Error:	90400000
Relative Standard Error:	3.4
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.324227	100.0	14547508.0	0.648455	Y
2	IC 140-54640/2	1.0	0.686517	100.0	14512098.0	0.686517	Y
3	IC 140-54640/3	5.0	3.343351	100.0	14900618.0	0.66867	Y
4	IC 140-54640/4	50.0	35.004581	100.0	13896644.0	0.700092	Y
5	IC 140-54640/5	400.0	279.861193	100.0	13761361.0	0.699653	Y
6	IC 140-54640/6	2000.0	1419.257154	100.0	13976634.0	0.709629	Y



Calibration / PCB-85

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

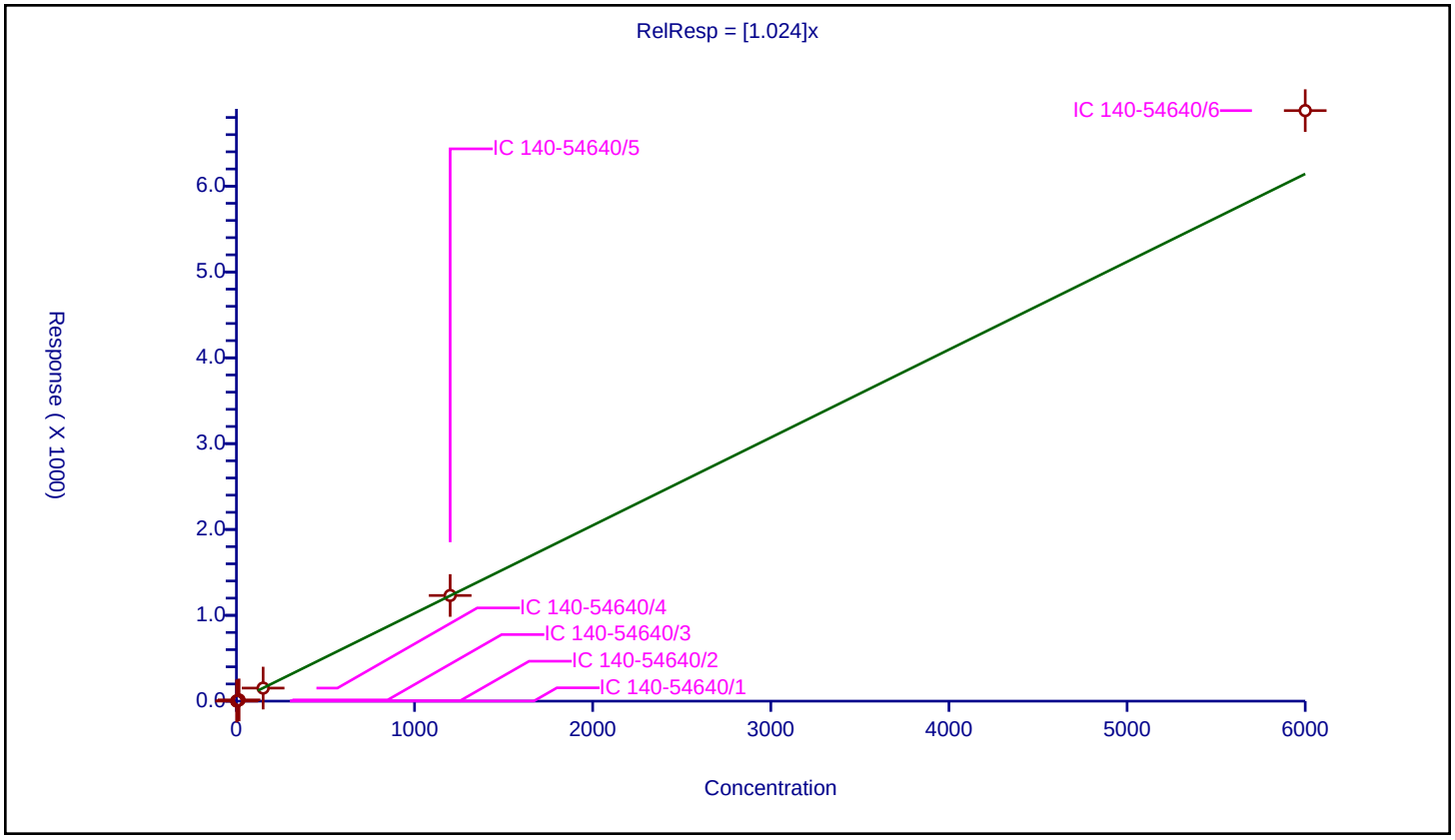
Curve Coefficients

Intercept:	0
Slope:	1.024

Error Coefficients

Standard Error:	437000000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.528296	100.0	14547508.0	1.018864	Y
2	IC 140-54640/2	3.0	2.933676	100.0	14512098.0	0.977892	Y
3	IC 140-54640/3	15.0	14.386967	100.0	14900618.0	0.959131	Y
4	IC 140-54640/4	150.0	152.114719	100.0	13896644.0	1.014098	Y
5	IC 140-54640/5	1200.0	1231.161881	100.0	13761361.0	1.025968	Y
6	IC 140-54640/6	6000.0	6879.854964	100.0	13976634.0	1.146642	Y



Calibration / PCB-85/116/117

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

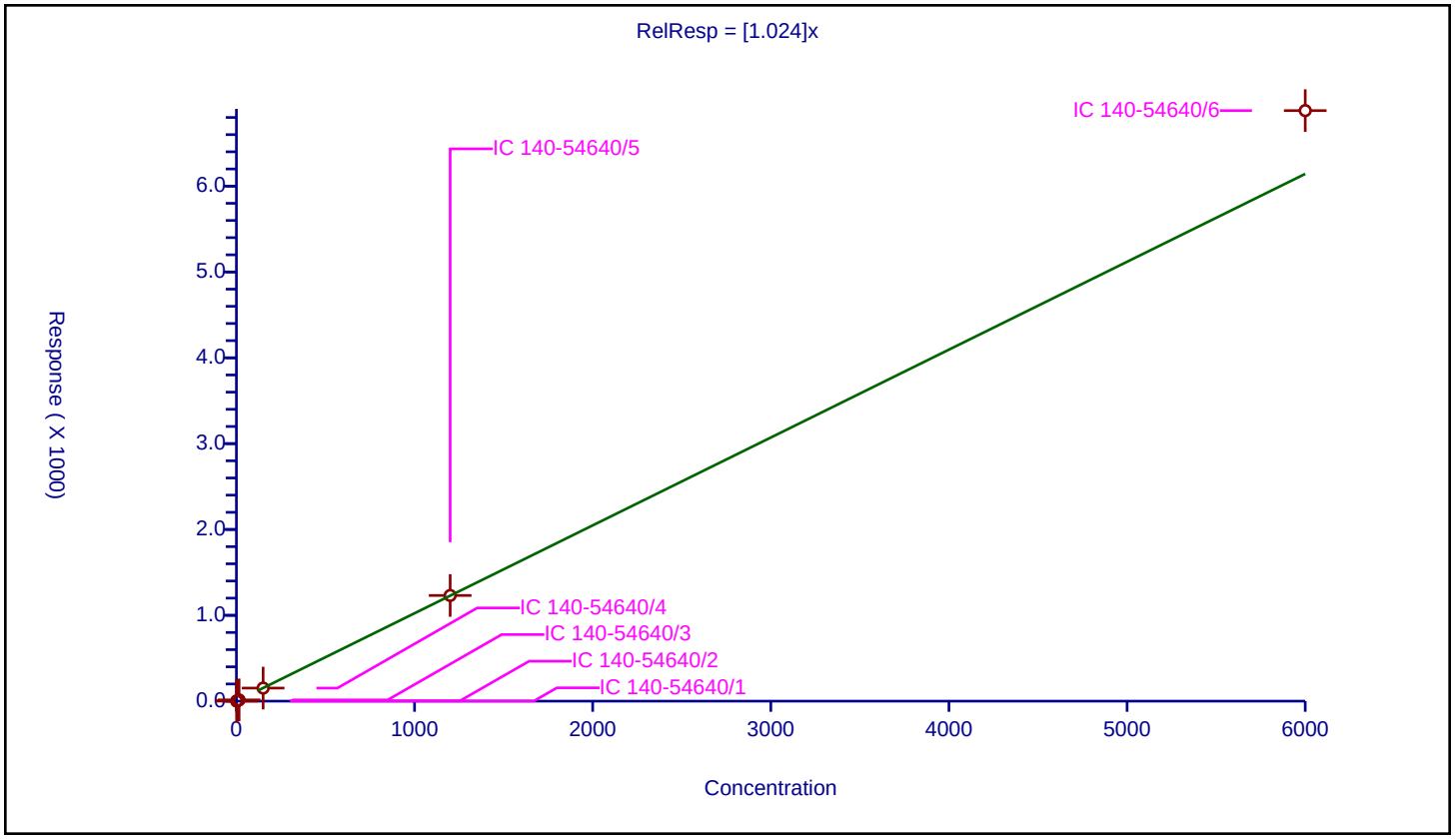
Curve Coefficients

Intercept:	0
Slope:	1.024

Error Coefficients

Standard Error:	437000000
Relative Standard Error:	6.4
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.528296	100.0	14547508.0	1.018864	Y
2	IC 140-54640/2	3.0	2.933676	100.0	14512098.0	0.977892	Y
3	IC 140-54640/3	15.0	14.386967	100.0	14900618.0	0.959131	Y
4	IC 140-54640/4	150.0	152.114719	100.0	13896644.0	1.014098	Y
5	IC 140-54640/5	1200.0	1231.161881	100.0	13761361.0	1.025968	Y
6	IC 140-54640/6	6000.0	6879.854964	100.0	13976634.0	1.146642	Y



Calibration / PCB-86

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

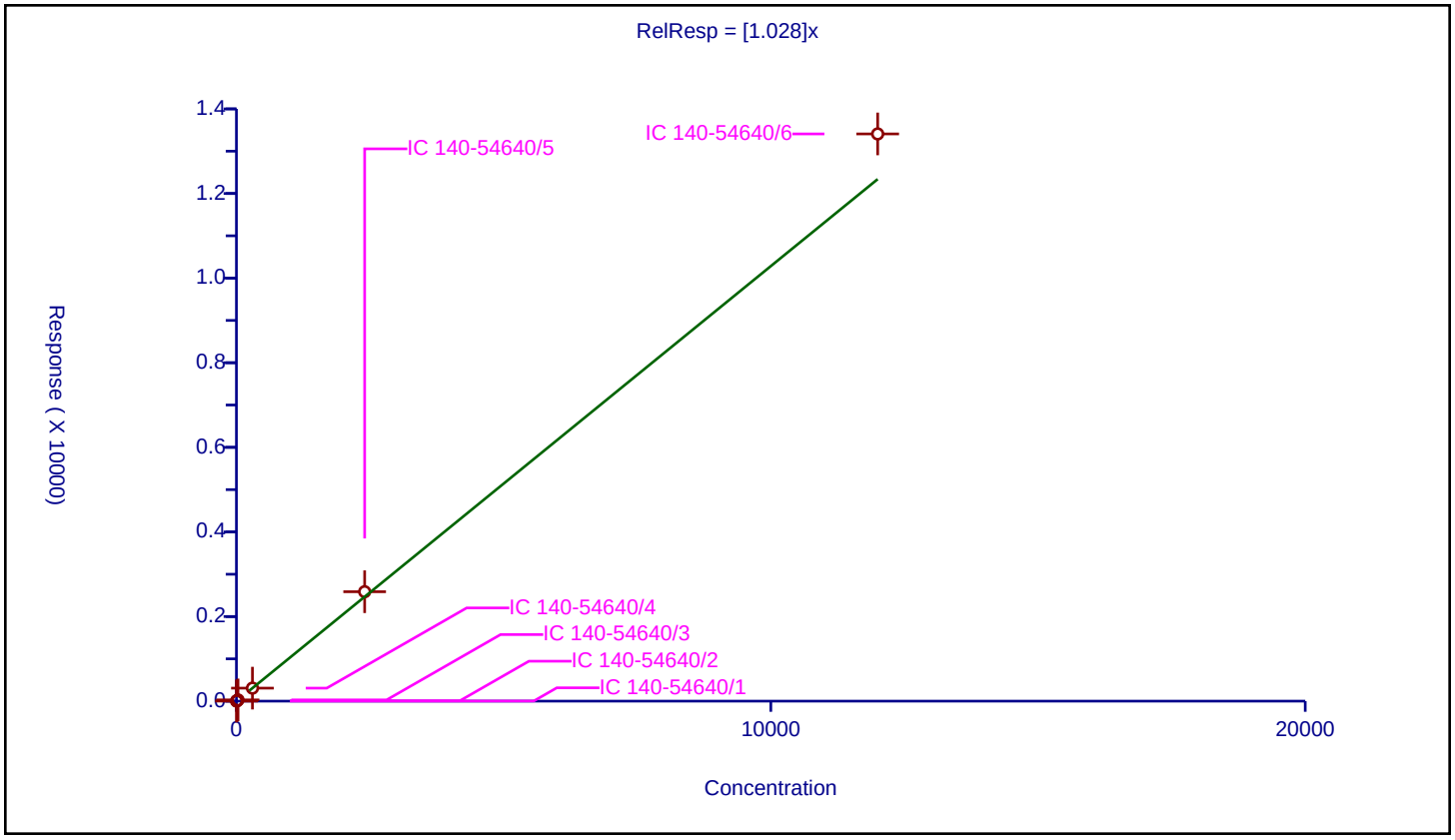
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	853000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	3.0	2.989605	100.0	14547508.0	0.996535	Y
2	IC 140-54640/2	6.0	5.873582	100.0	14512098.0	0.97893	Y
3	IC 140-54640/3	30.0	29.239519	100.0	14900618.0	0.974651	Y
4	IC 140-54640/4	300.0	307.319192	100.0	13896644.0	1.024397	Y
5	IC 140-54640/5	2400.0	2586.718116	100.0	13761361.0	1.077799	Y
6	IC 140-54640/6	12000.0	13408.404677	100.0	13976634.0	1.117367	Y



Calibration / PCB-86/87/97/109/119/125

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

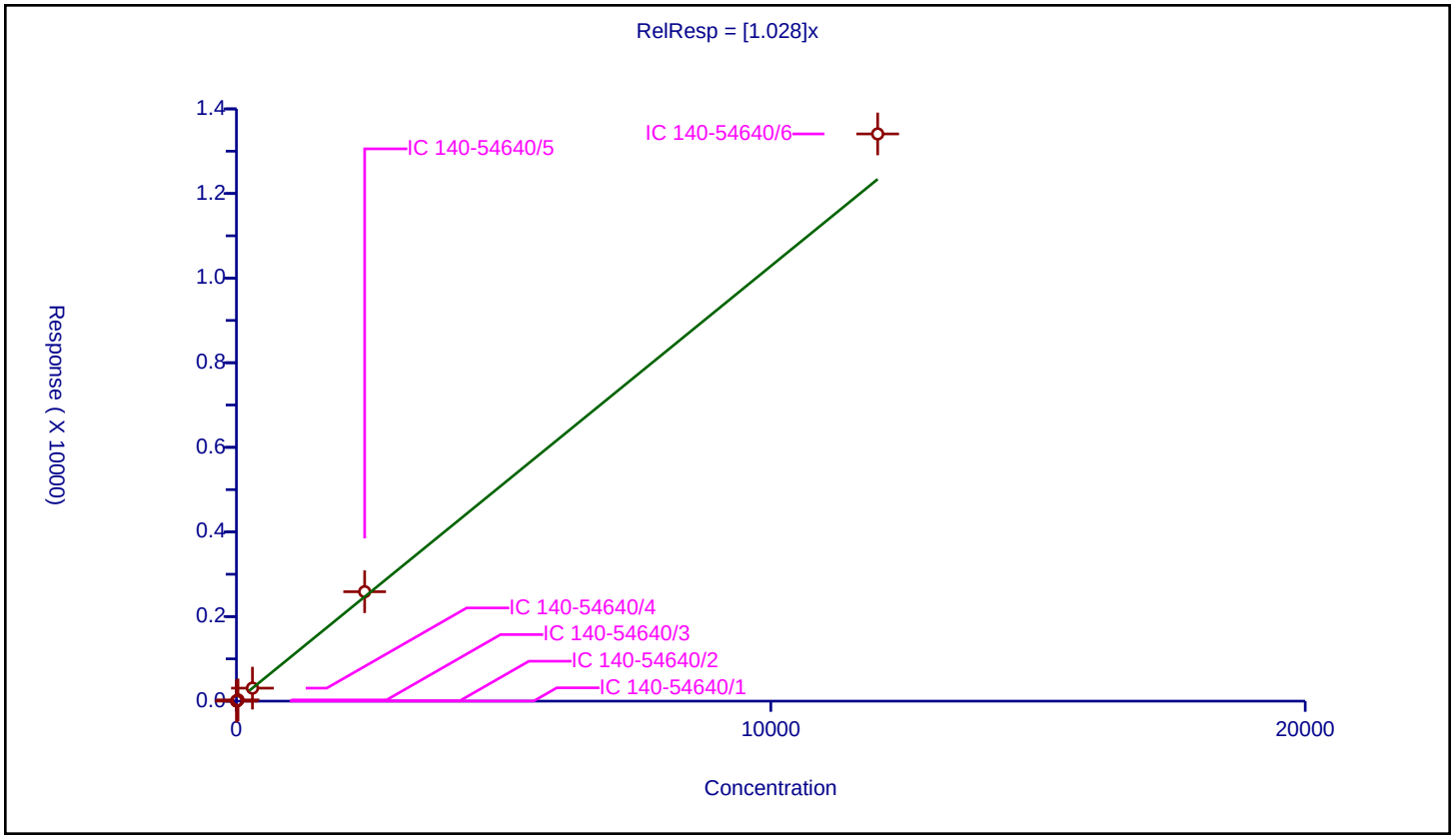
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	853000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	3.0	2.989605	100.0	14547508.0	0.996535	Y
2	IC 140-54640/2	6.0	5.873582	100.0	14512098.0	0.97893	Y
3	IC 140-54640/3	30.0	29.239519	100.0	14900618.0	0.974651	Y
4	IC 140-54640/4	300.0	307.319192	100.0	13896644.0	1.024397	Y
5	IC 140-54640/5	2400.0	2586.718116	100.0	13761361.0	1.077799	Y
6	IC 140-54640/6	12000.0	13408.404677	100.0	13976634.0	1.117367	Y



Calibration / PCB-87

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

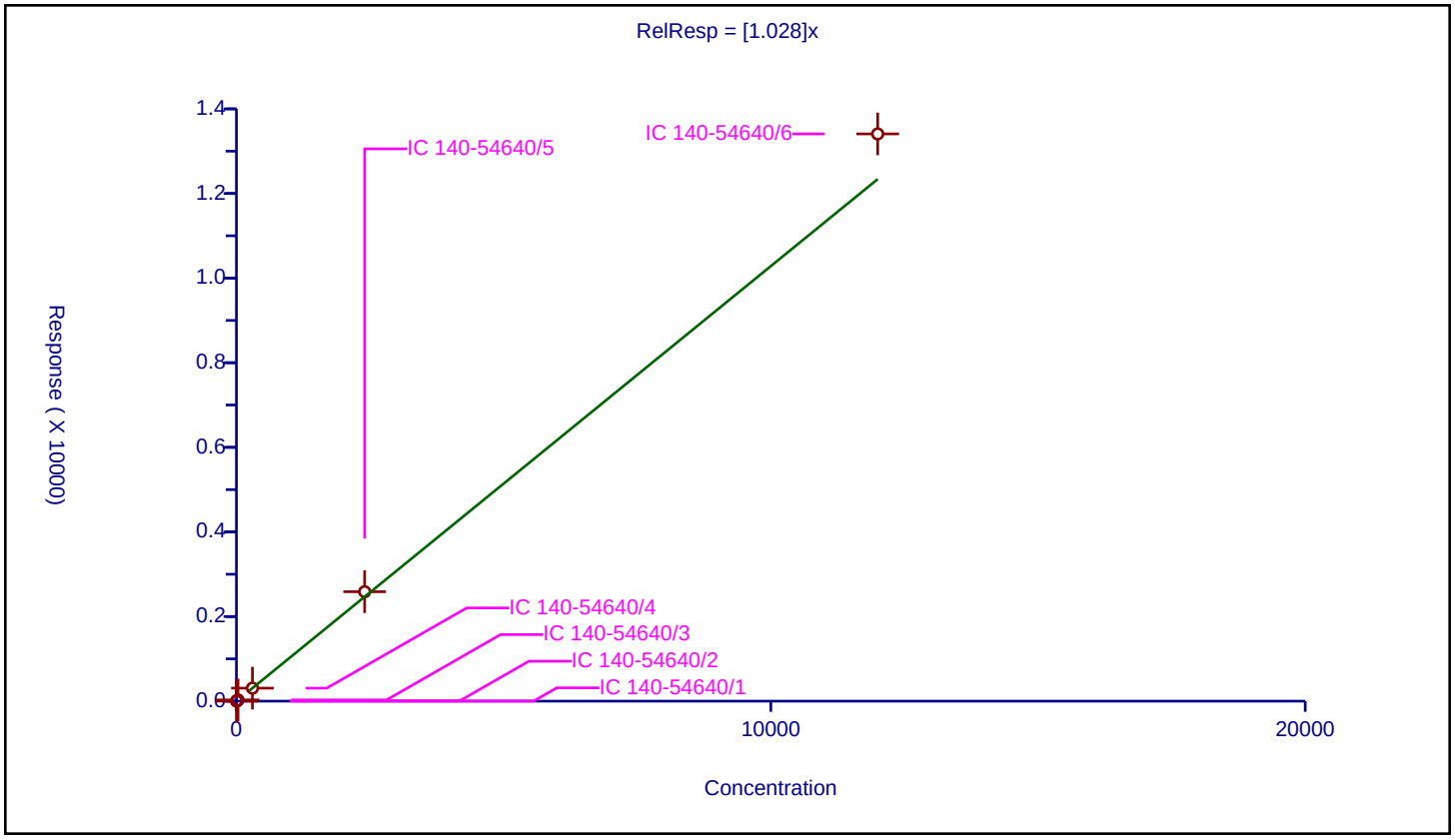
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	853000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	3.0	2.989605	100.0	14547508.0	0.996535	Y
2	IC 140-54640/2	6.0	5.873582	100.0	14512098.0	0.97893	Y
3	IC 140-54640/3	30.0	29.239519	100.0	14900618.0	0.974651	Y
4	IC 140-54640/4	300.0	307.319192	100.0	13896644.0	1.024397	Y
5	IC 140-54640/5	2400.0	2586.718116	100.0	13761361.0	1.077799	Y
6	IC 140-54640/6	12000.0	13408.404677	100.0	13976634.0	1.117367	Y



Calibration / PCB-88

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

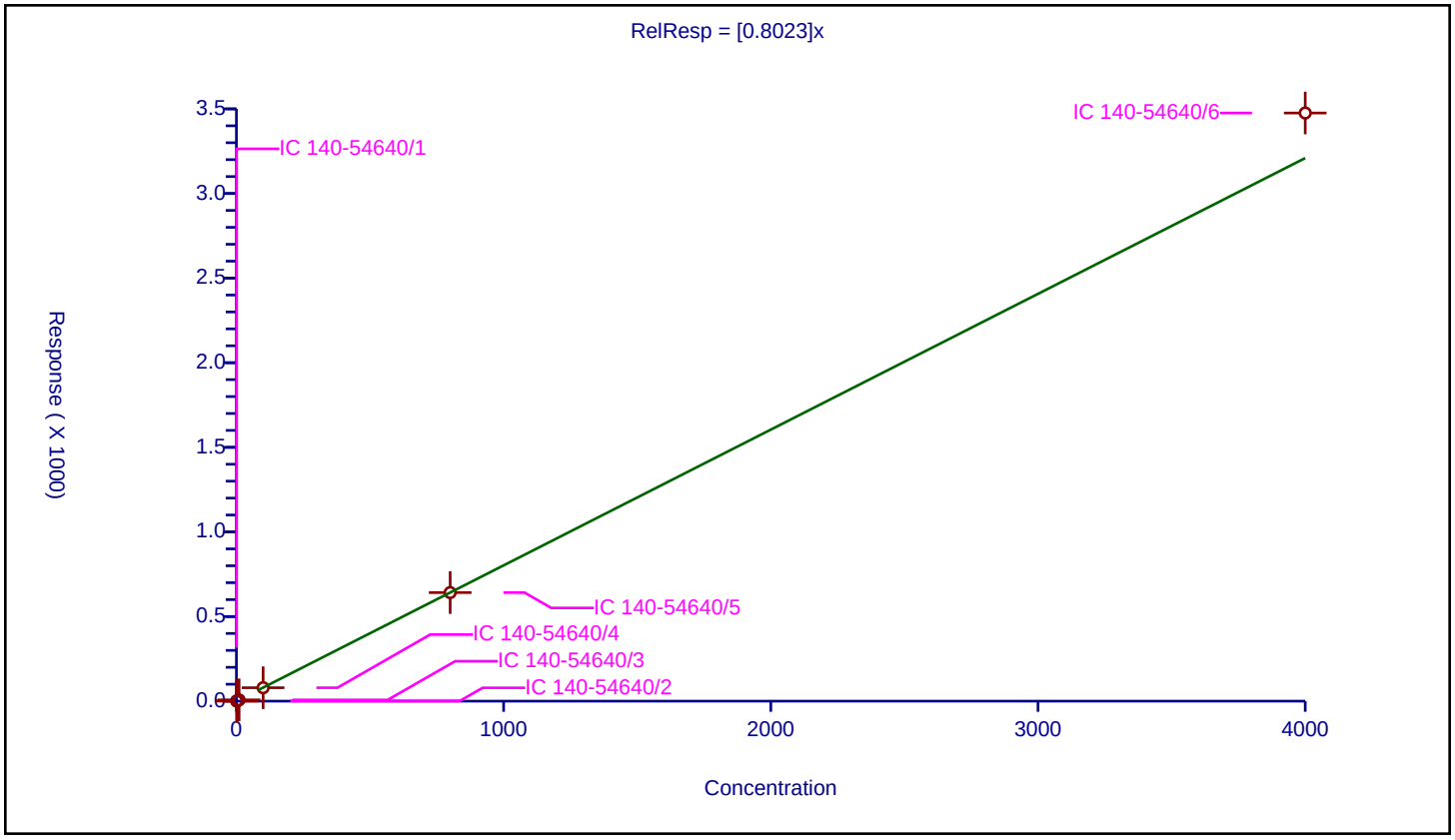
Curve Coefficients

Intercept:	0
Slope:	0.8023

Error Coefficients

Standard Error:	221000000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.823626	100.0	14547508.0	0.823626	Y
2	IC 140-54640/2	2.0	1.562634	100.0	14512098.0	0.781317	Y
3	IC 140-54640/3	10.0	7.452584	100.0	14900618.0	0.745258	Y
4	IC 140-54640/4	100.0	79.275939	100.0	13896644.0	0.792759	Y
5	IC 140-54640/5	800.0	641.574093	100.0	13761361.0	0.801968	Y
6	IC 140-54640/6	4000.0	3475.621555	100.0	13976634.0	0.868905	Y



Calibration / PCB-88/91

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

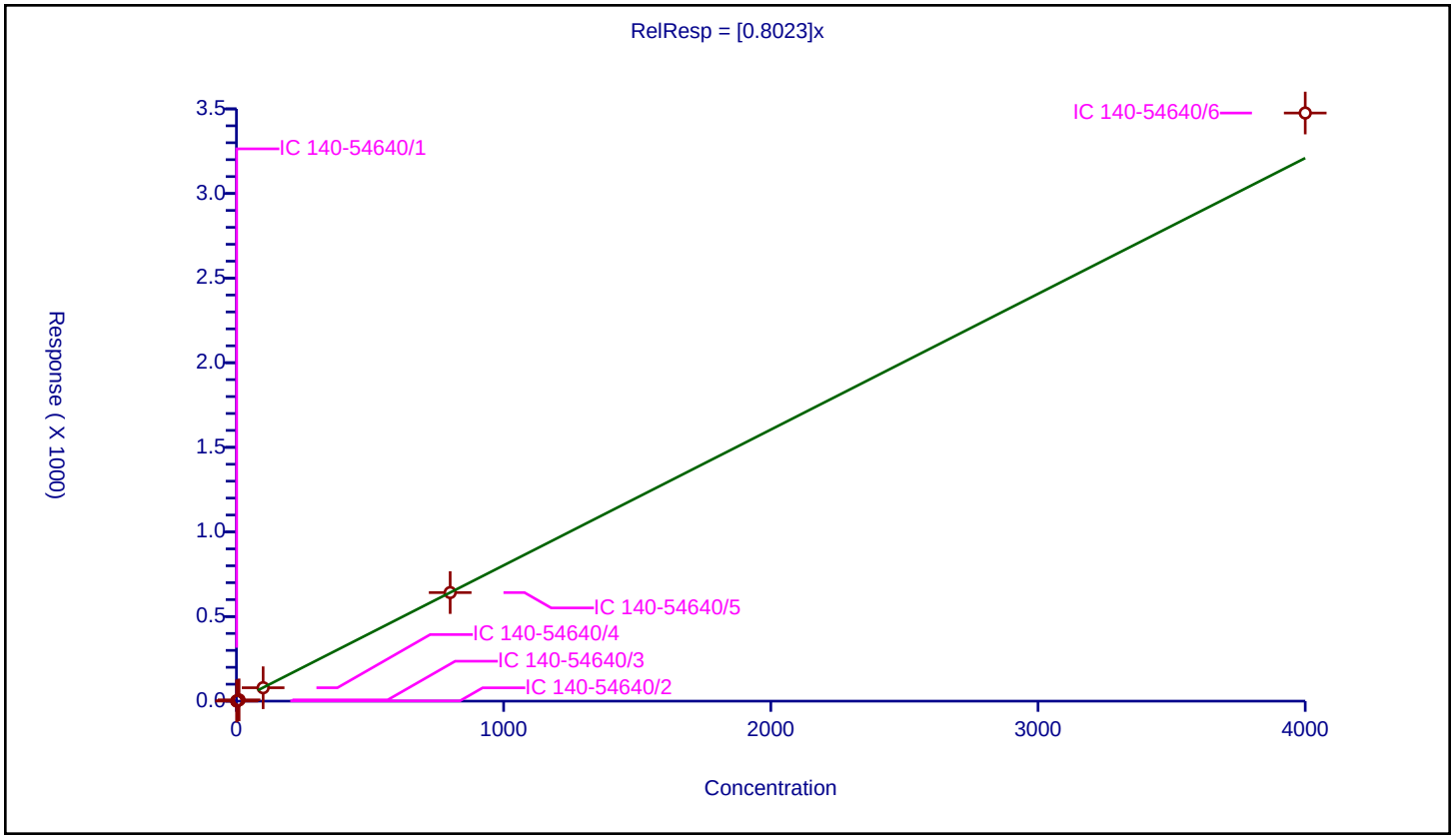
Curve Coefficients

Intercept:	0
Slope:	0.8023

Error Coefficients

Standard Error:	221000000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.823626	100.0	14547508.0	0.823626	Y
2	IC 140-54640/2	2.0	1.562634	100.0	14512098.0	0.781317	Y
3	IC 140-54640/3	10.0	7.452584	100.0	14900618.0	0.745258	Y
4	IC 140-54640/4	100.0	79.275939	100.0	13896644.0	0.792759	Y
5	IC 140-54640/5	800.0	641.574093	100.0	13761361.0	0.801968	Y
6	IC 140-54640/6	4000.0	3475.621555	100.0	13976634.0	0.868905	Y



Calibration / PCB-89

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

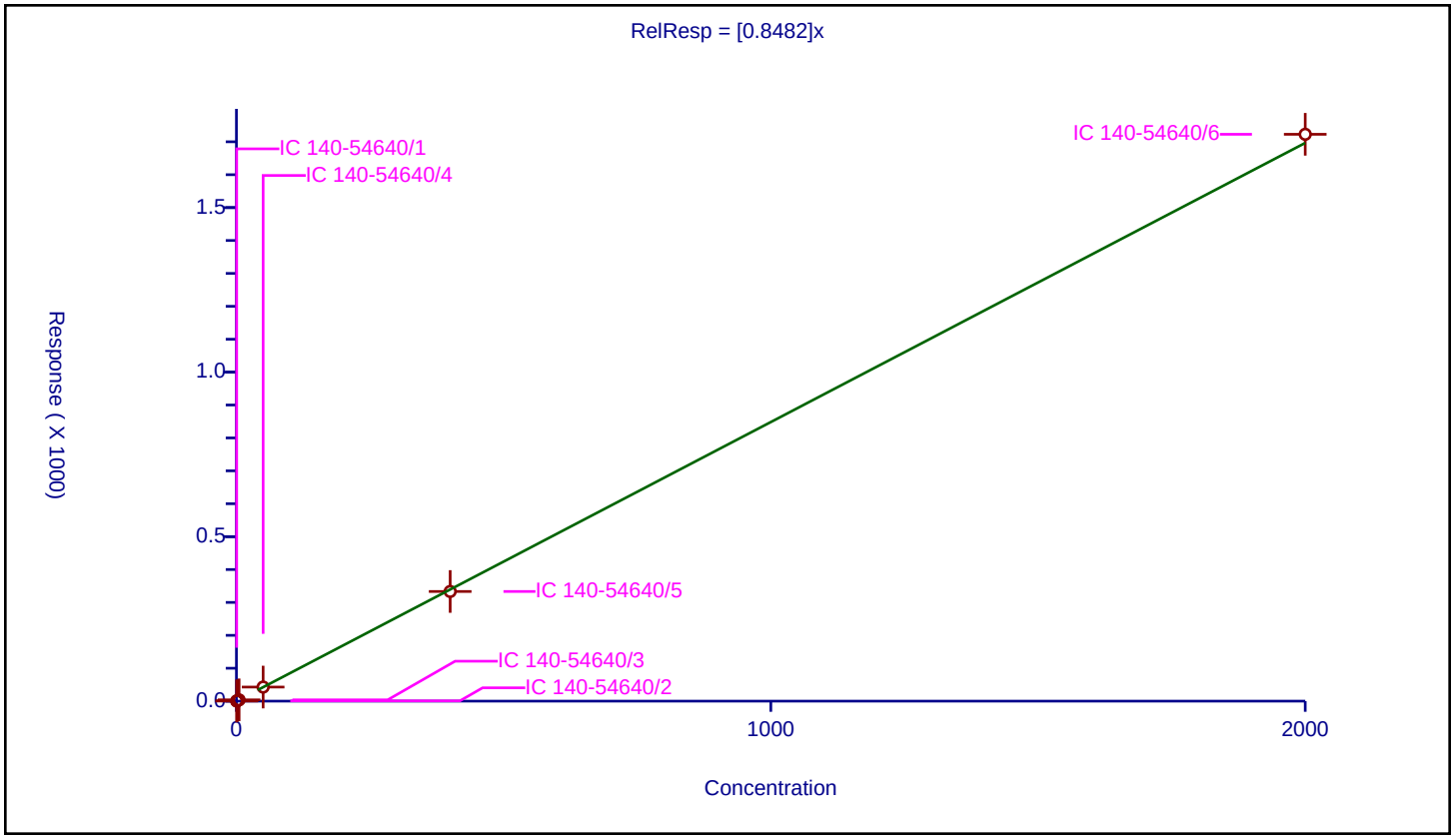
Curve Coefficients

Intercept:	0
Slope:	0.8482

Error Coefficients

Standard Error:	110000000
Relative Standard Error:	5.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.460216	100.0	14547508.0	0.920433	Y
2	IC 140-54640/2	1.0	0.83418	100.0	14512098.0	0.83418	Y
3	IC 140-54640/3	5.0	3.919368	100.0	14900618.0	0.783874	Y
4	IC 140-54640/4	50.0	42.813265	100.0	13896644.0	0.856265	Y
5	IC 140-54640/5	400.0	333.312243	100.0	13761361.0	0.833281	Y
6	IC 140-54640/6	2000.0	1722.740583	100.0	13976634.0	0.86137	Y



Calibration / PCB-8L

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

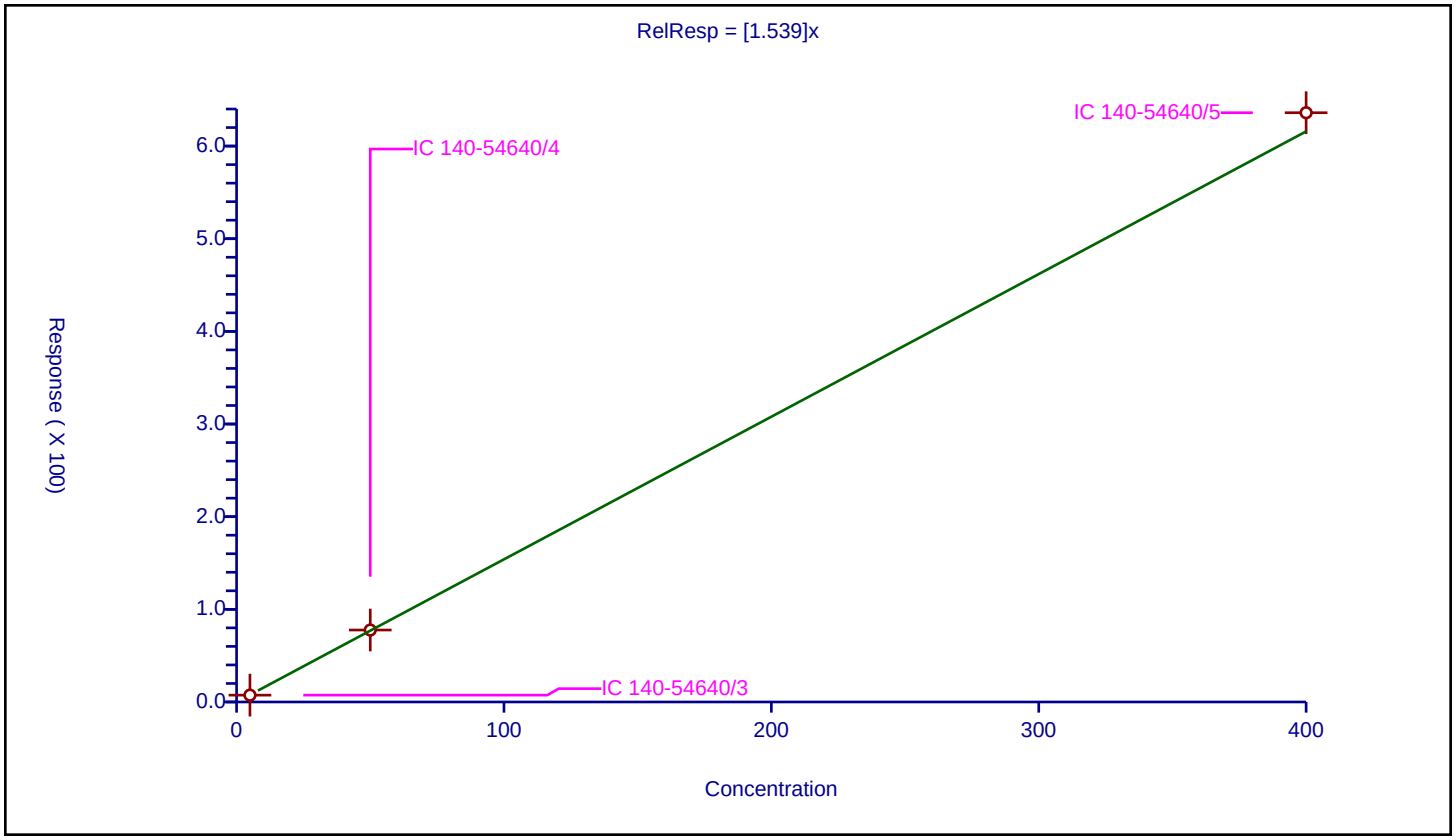
Curve Coefficients

Intercept:	0
Slope:	1.539

Error Coefficients

Standard Error:	54100000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/3	5.0	7.374603	100.0	12672398.0	1.474921	Y
2	IC 140-54640/4	50.0	77.678041	100.0	12271526.0	1.553561	Y
3	IC 140-54640/5	400.0	635.994476	100.0	11924149.0	1.589986	Y



Calibration / PCB-9

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

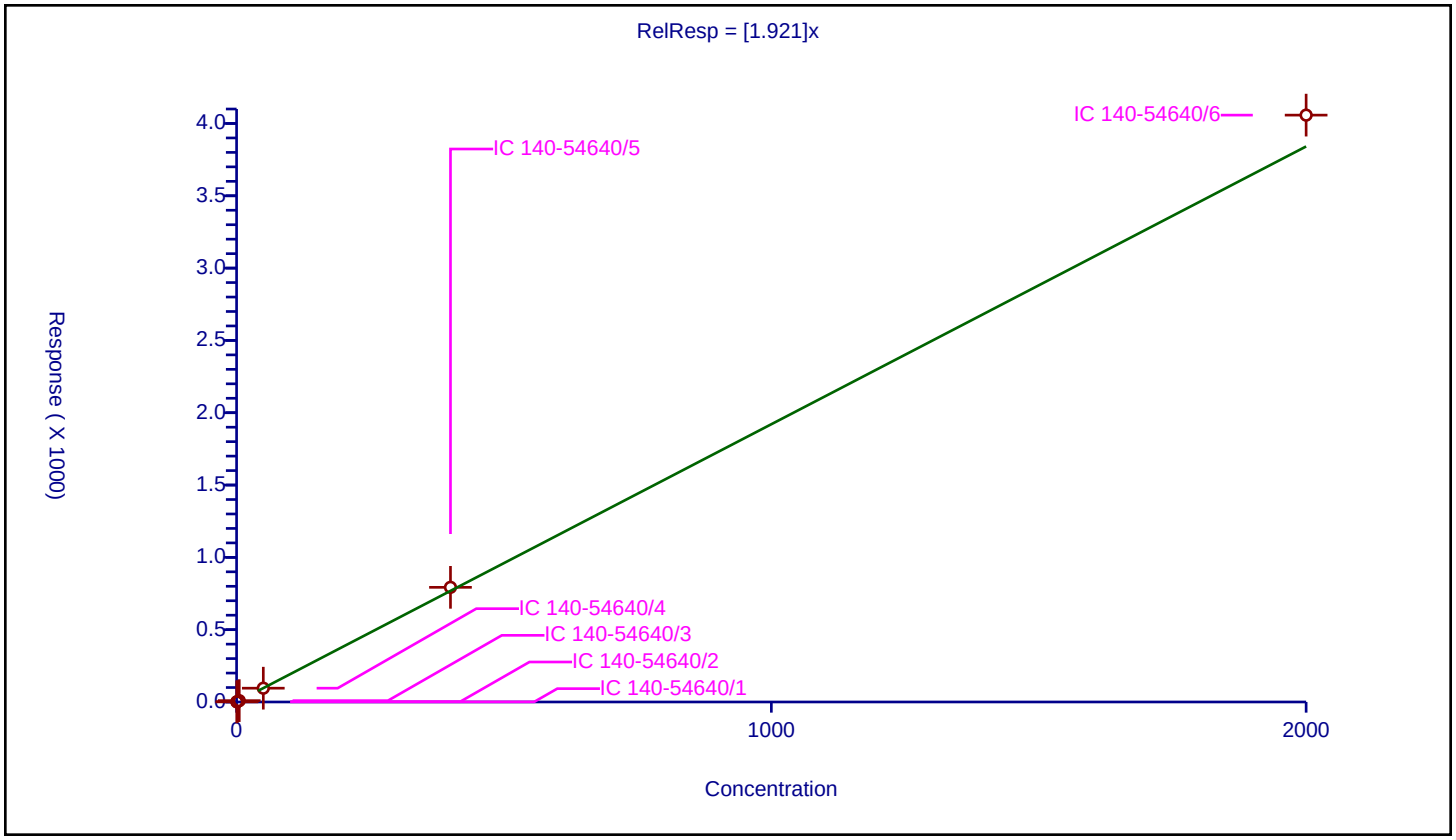
Curve Coefficients

Intercept:	0
Slope:	1.921

Error Coefficients

Standard Error:	228000000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.945253	100.0	12405884.0	1.890506	Y
2	IC 140-54640/2	1.0	1.866549	100.0	12725624.0	1.866549	Y
3	IC 140-54640/3	5.0	9.238536	100.0	12672398.0	1.847707	Y
4	IC 140-54640/4	50.0	95.375905	100.0	12271526.0	1.907518	Y
5	IC 140-54640/5	400.0	792.773329	100.0	11924149.0	1.981933	Y
6	IC 140-54640/6	2000.0	4057.807807	100.0	12348832.0	2.028904	Y



Calibration / PCB-90

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

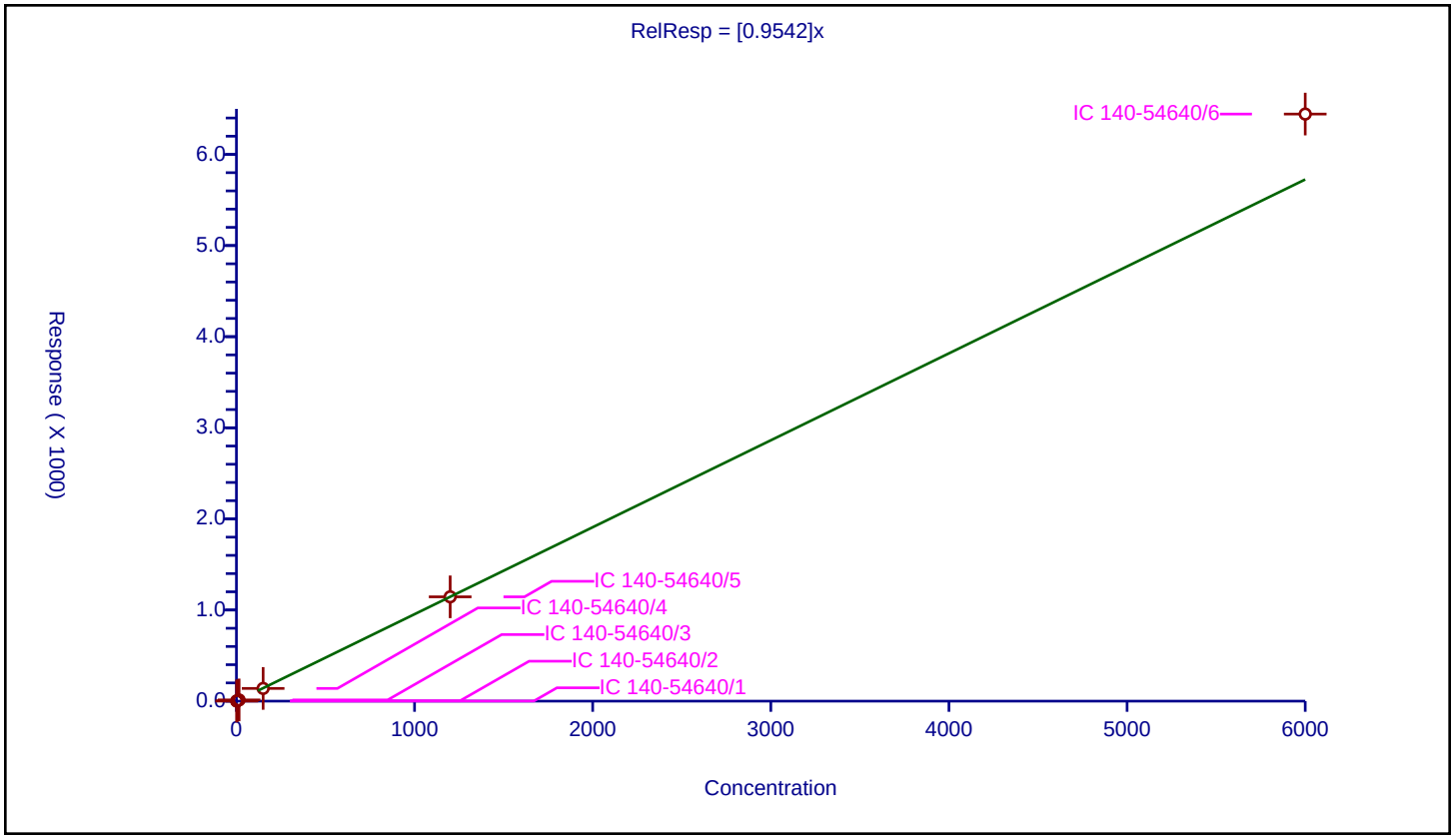
Curve Coefficients

Intercept:	0
Slope:	0.9542

Error Coefficients

Standard Error:	409000000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.413974	100.0	14547508.0	0.942649	Y
2	IC 140-54640/2	3.0	2.790141	100.0	14512098.0	0.930047	Y
3	IC 140-54640/3	15.0	13.420732	100.0	14900618.0	0.894715	Y
4	IC 140-54640/4	150.0	139.507704	100.0	13896644.0	0.930051	Y
5	IC 140-54640/5	1200.0	1144.848638	100.0	13761361.0	0.954041	Y
6	IC 140-54640/6	6000.0	6443.238265	100.0	13976634.0	1.073873	Y



Calibration / PCB-90/101/113

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

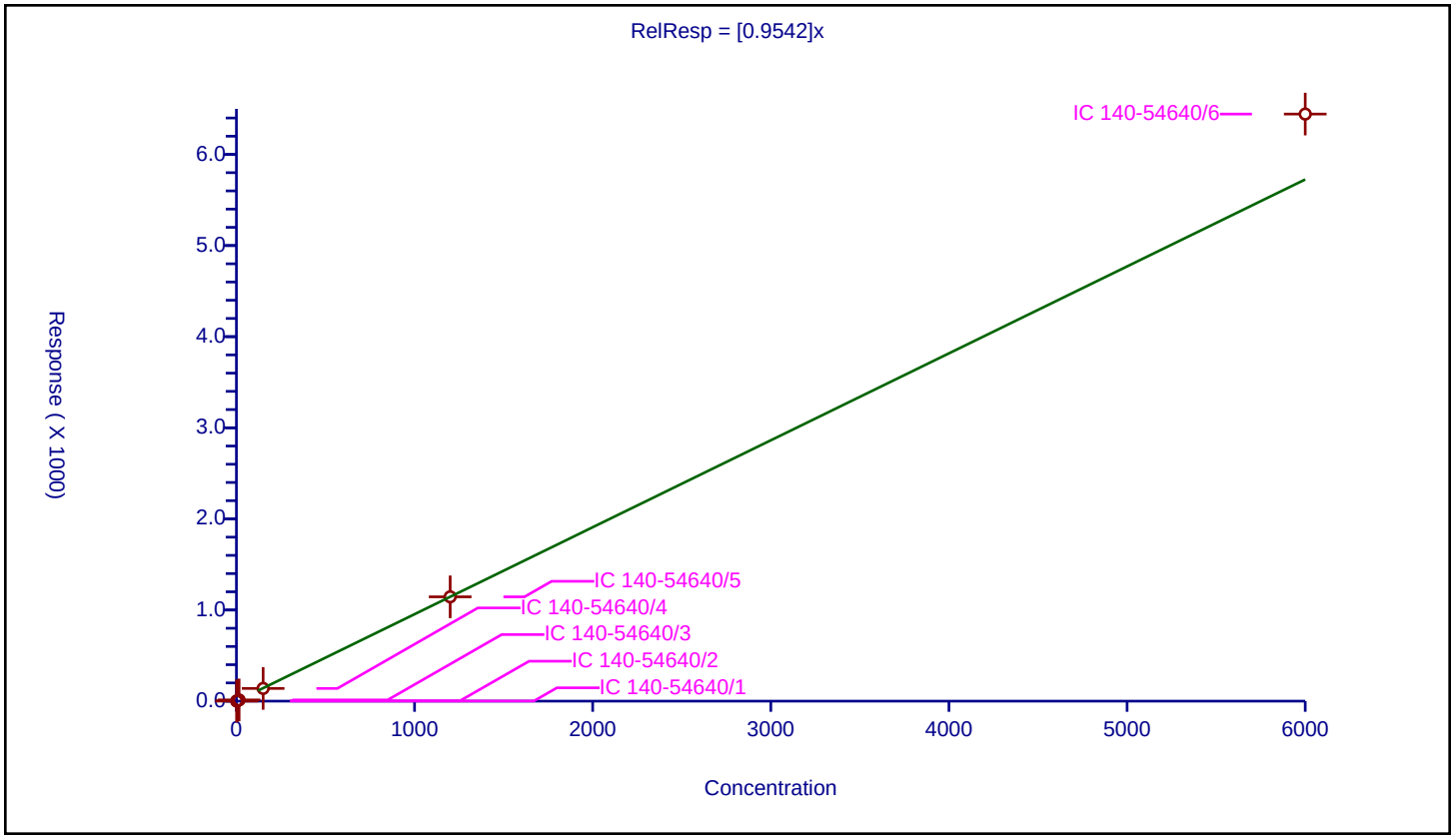
Curve Coefficients

Intercept:	0
Slope:	0.9542

Error Coefficients

Standard Error:	409000000
Relative Standard Error:	6.5
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.5	1.413974	100.0	14547508.0	0.942649	Y
2	IC 140-54640/2	3.0	2.790141	100.0	14512098.0	0.930047	Y
3	IC 140-54640/3	15.0	13.420732	100.0	14900618.0	0.894715	Y
4	IC 140-54640/4	150.0	139.507704	100.0	13896644.0	0.930051	Y
5	IC 140-54640/5	1200.0	1144.848638	100.0	13761361.0	0.954041	Y
6	IC 140-54640/6	6000.0	6443.238265	100.0	13976634.0	1.073873	Y



Calibration / PCB-91

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

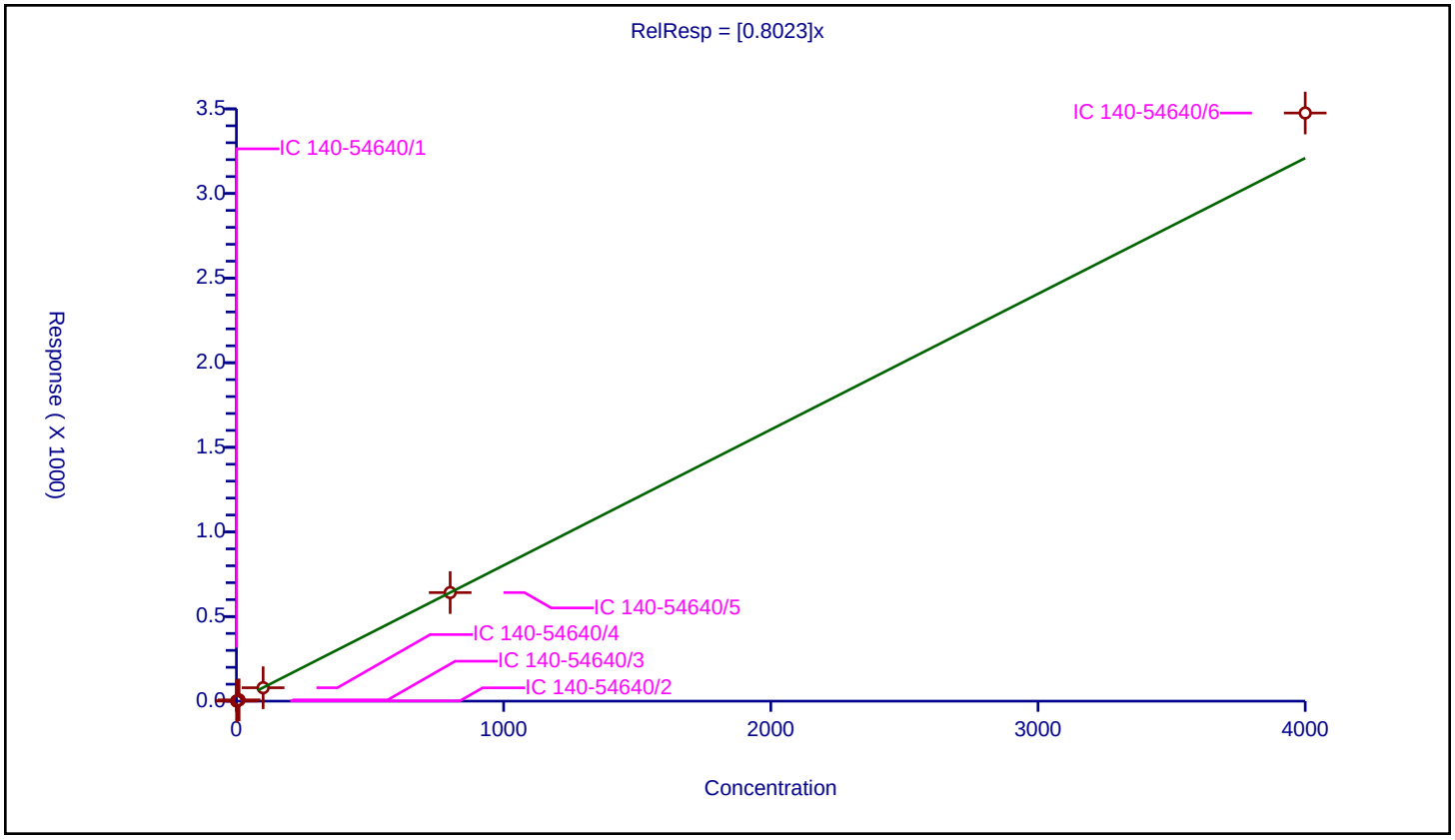
Curve Coefficients

Intercept:	0
Slope:	0.8023

Error Coefficients

Standard Error:	221000000
Relative Standard Error:	5.2
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.823626	100.0	14547508.0	0.823626	Y
2	IC 140-54640/2	2.0	1.562634	100.0	14512098.0	0.781317	Y
3	IC 140-54640/3	10.0	7.452584	100.0	14900618.0	0.745258	Y
4	IC 140-54640/4	100.0	79.275939	100.0	13896644.0	0.792759	Y
5	IC 140-54640/5	800.0	641.574093	100.0	13761361.0	0.801968	Y
6	IC 140-54640/6	4000.0	3475.621555	100.0	13976634.0	0.868905	Y



Calibration / PCB-92

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

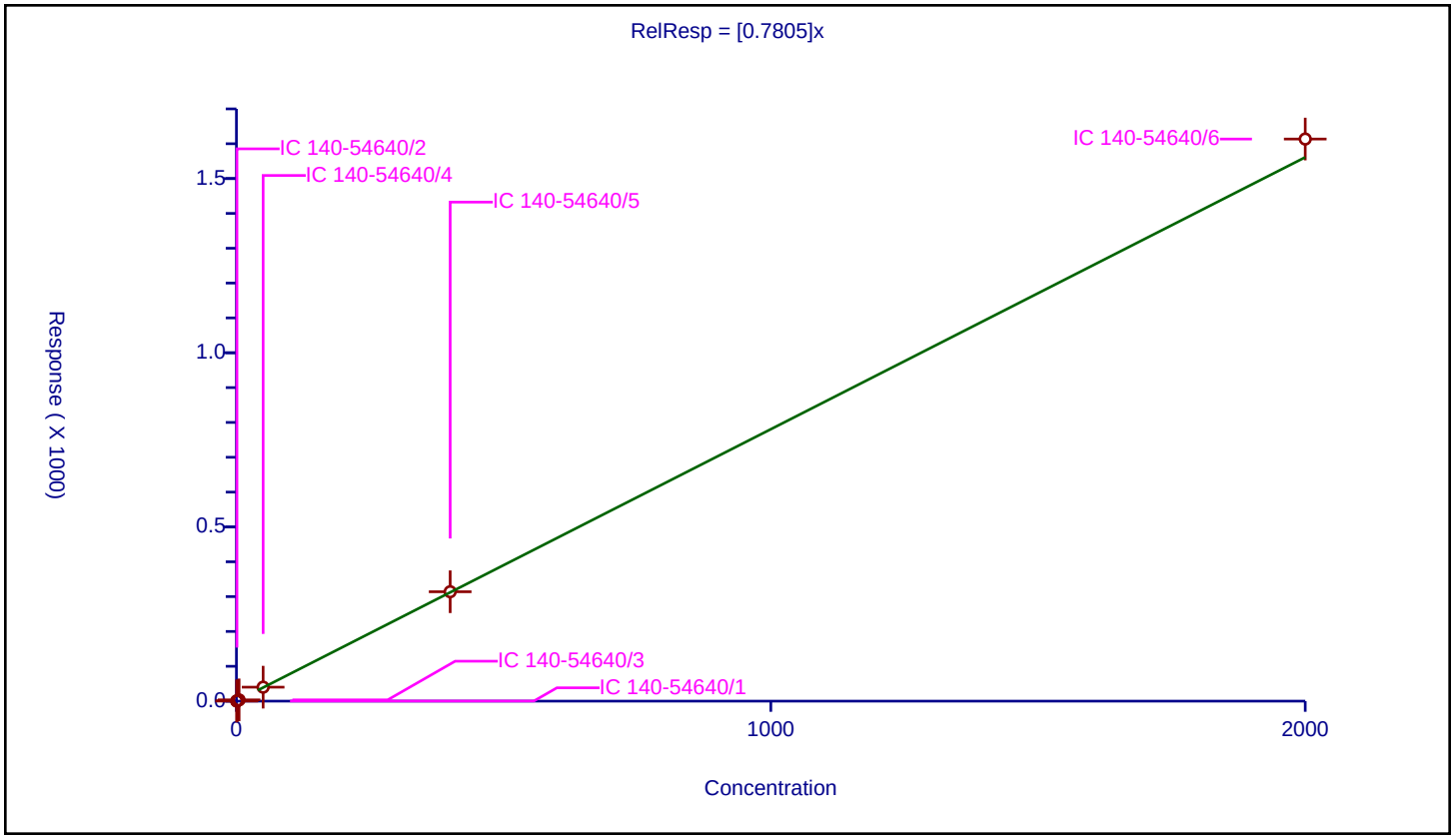
Curve Coefficients

Intercept:	0
Slope:	0.7805

Error Coefficients

Standard Error:	103000000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.380505	100.0	14547508.0	0.76101	Y
2	IC 140-54640/2	1.0	0.797335	100.0	14512098.0	0.797335	Y
3	IC 140-54640/3	5.0	3.657197	100.0	14900618.0	0.731439	Y
4	IC 140-54640/4	50.0	40.080404	100.0	13896644.0	0.801608	Y
5	IC 140-54640/5	400.0	314.034157	100.0	13761361.0	0.785085	Y
6	IC 140-54640/6	2000.0	1613.467477	100.0	13976634.0	0.806734	Y



Calibration / PCB-93

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

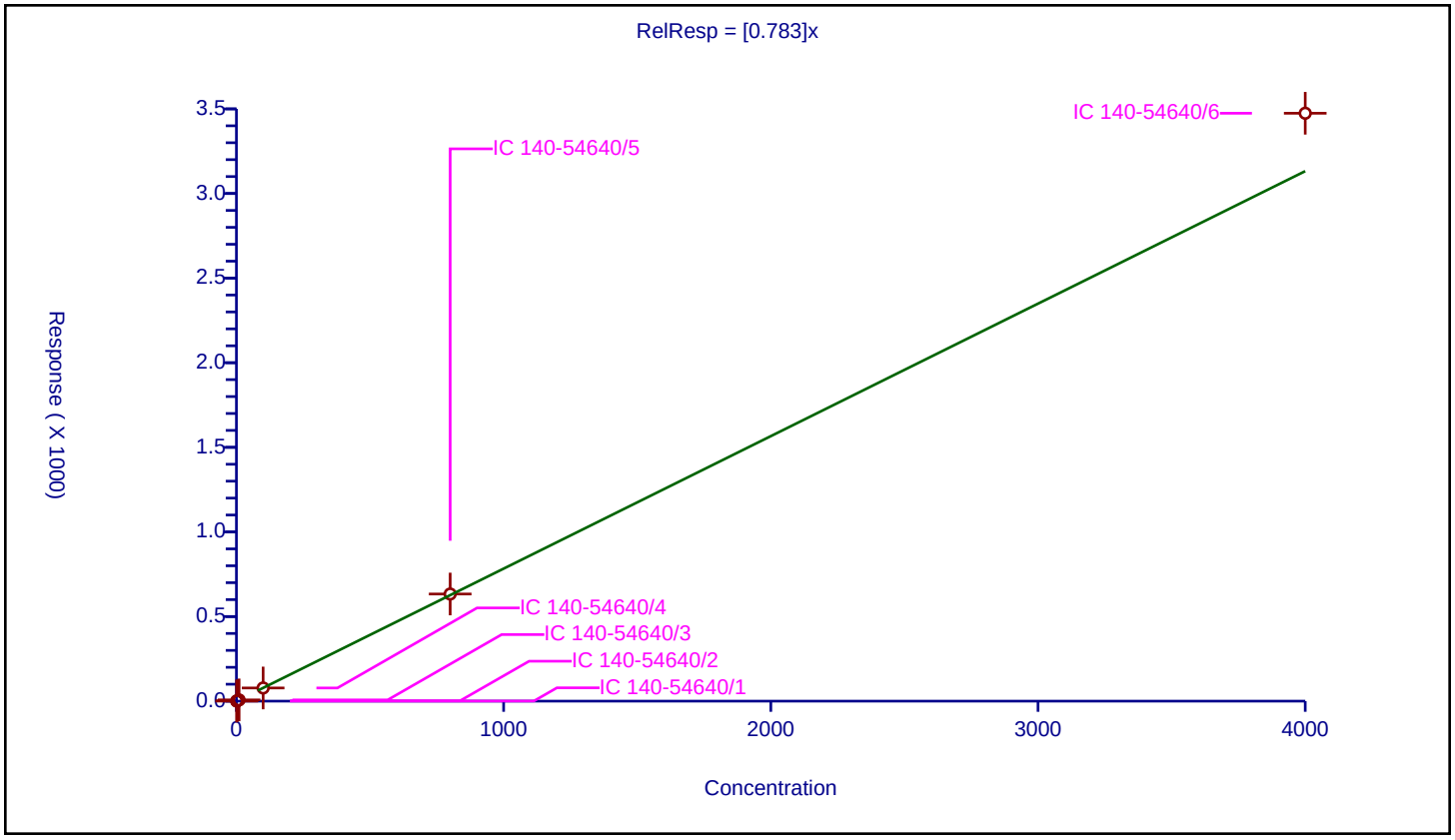
Curve Coefficients

Intercept:	0
Slope:	0.783

Error Coefficients

Standard Error:	221000000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.777027	100.0	14547508.0	0.777027	Y
2	IC 140-54640/2	2.0	1.488296	100.0	14512098.0	0.744148	Y
3	IC 140-54640/3	10.0	7.378882	100.0	14900618.0	0.737888	Y
4	IC 140-54640/4	100.0	77.905478	100.0	13896644.0	0.779055	Y
5	IC 140-54640/5	800.0	633.08744	100.0	13761361.0	0.791359	Y
6	IC 140-54640/6	4000.0	3474.25257	100.0	13976634.0	0.868563	Y



Calibration / PCB-93/100

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

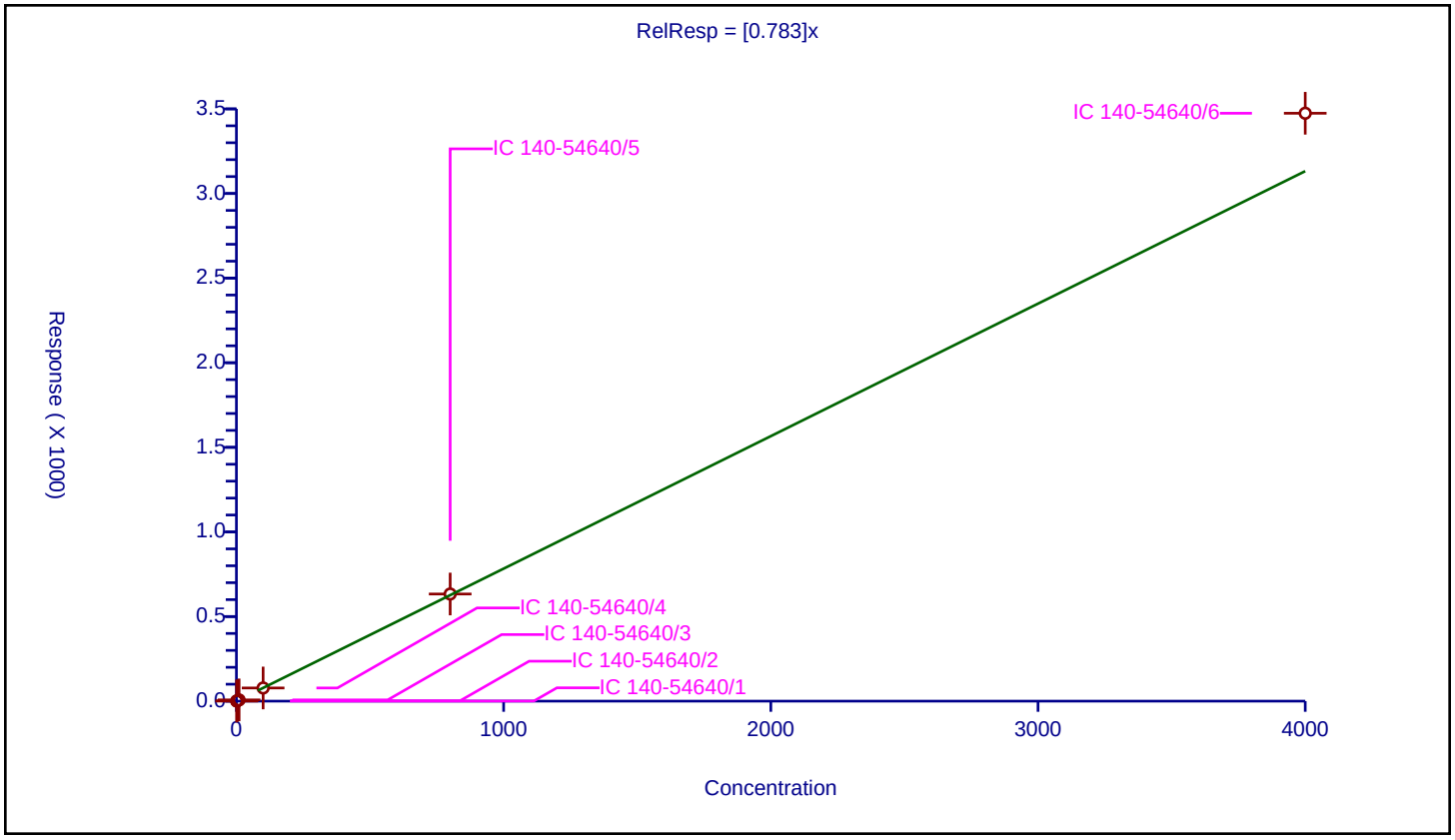
Curve Coefficients

Intercept:	0
Slope:	0.783

Error Coefficients

Standard Error:	221000000
Relative Standard Error:	6.0
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.777027	100.0	14547508.0	0.777027	Y
2	IC 140-54640/2	2.0	1.488296	100.0	14512098.0	0.744148	Y
3	IC 140-54640/3	10.0	7.378882	100.0	14900618.0	0.737888	Y
4	IC 140-54640/4	100.0	77.905478	100.0	13896644.0	0.779055	Y
5	IC 140-54640/5	800.0	633.08744	100.0	13761361.0	0.791359	Y
6	IC 140-54640/6	4000.0	3474.25257	100.0	13976634.0	0.868563	Y



Calibration / PCB-94

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

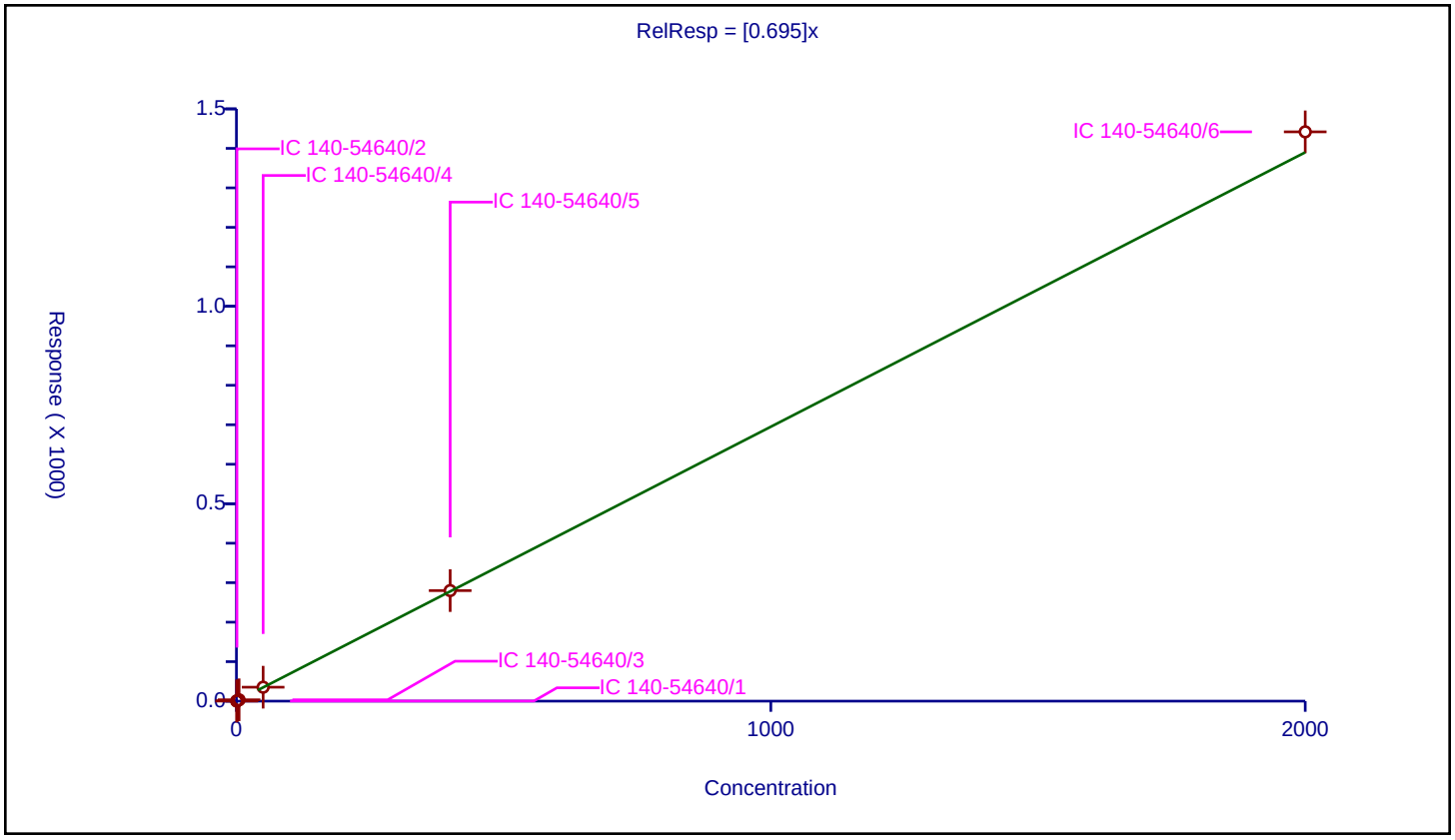
Curve Coefficients

Intercept:	0
Slope:	0.695

Error Coefficients

Standard Error:	91800000
Relative Standard Error:	3.8
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.32466	100.0	14547508.0	0.649321	Y
2	IC 140-54640/2	1.0	0.712654	100.0	14512098.0	0.712654	Y
3	IC 140-54640/3	5.0	3.404275	100.0	14900618.0	0.680855	Y
4	IC 140-54640/4	50.0	35.302847	100.0	13896644.0	0.706057	Y
5	IC 140-54640/5	400.0	279.98775	100.0	13761361.0	0.699969	Y
6	IC 140-54640/6	2000.0	1441.862726	100.0	13976634.0	0.720931	Y



Calibration / PCB-95

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

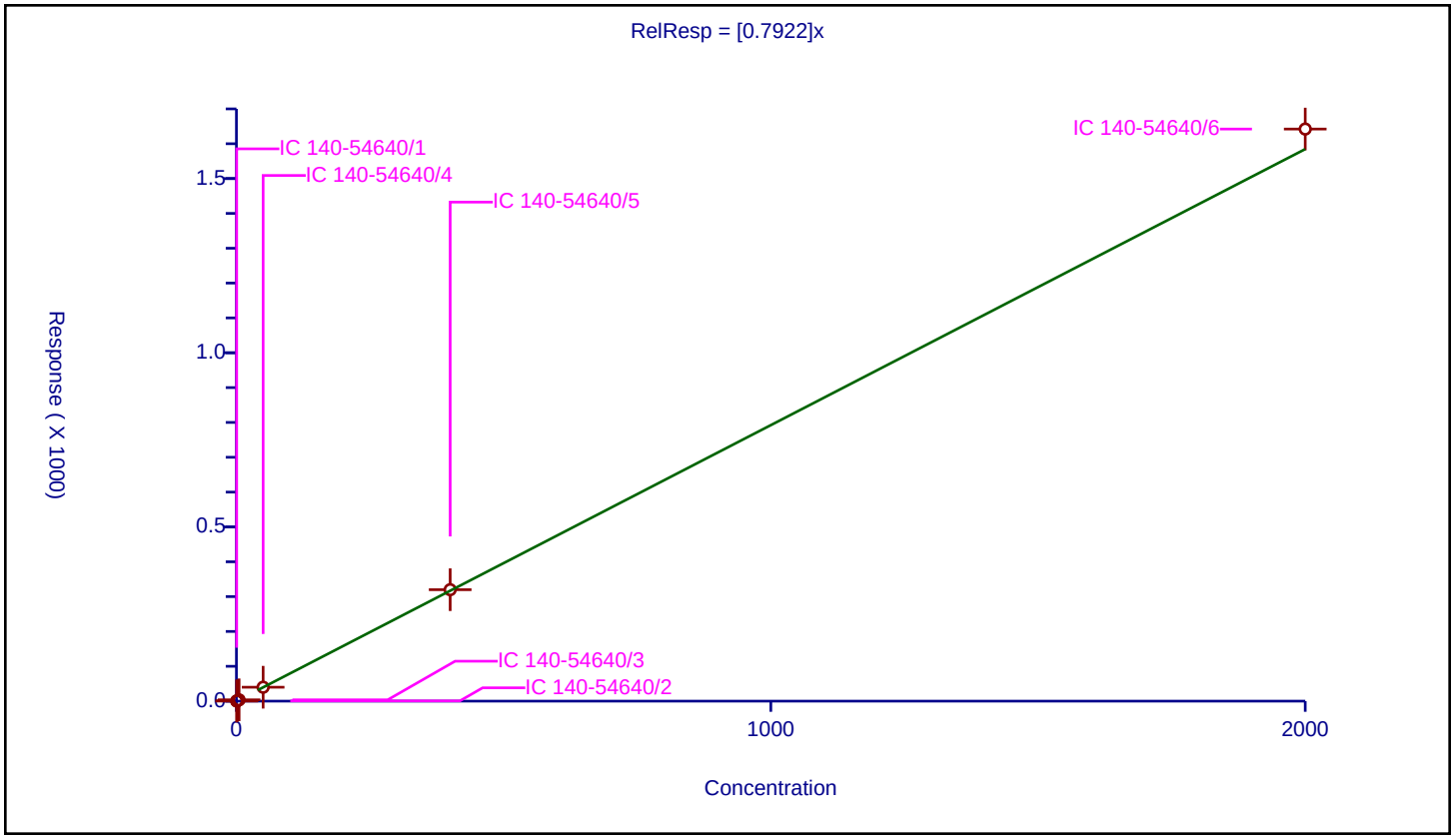
Curve Coefficients

Intercept:	0
Slope:	0.7922

Error Coefficients

Standard Error:	105000000
Relative Standard Error:	3.7
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.41027	100.0	14547508.0	0.820539	Y
2	IC 140-54640/2	1.0	0.759194	100.0	14512098.0	0.759194	Y
3	IC 140-54640/3	5.0	3.772904	100.0	14900618.0	0.754581	Y
4	IC 140-54640/4	50.0	39.918775	100.0	13896644.0	0.798375	Y
5	IC 140-54640/5	400.0	319.894537	100.0	13761361.0	0.799736	Y
6	IC 140-54640/6	2000.0	1642.126788	100.0	13976634.0	0.821063	Y



Calibration / PCB-95L

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

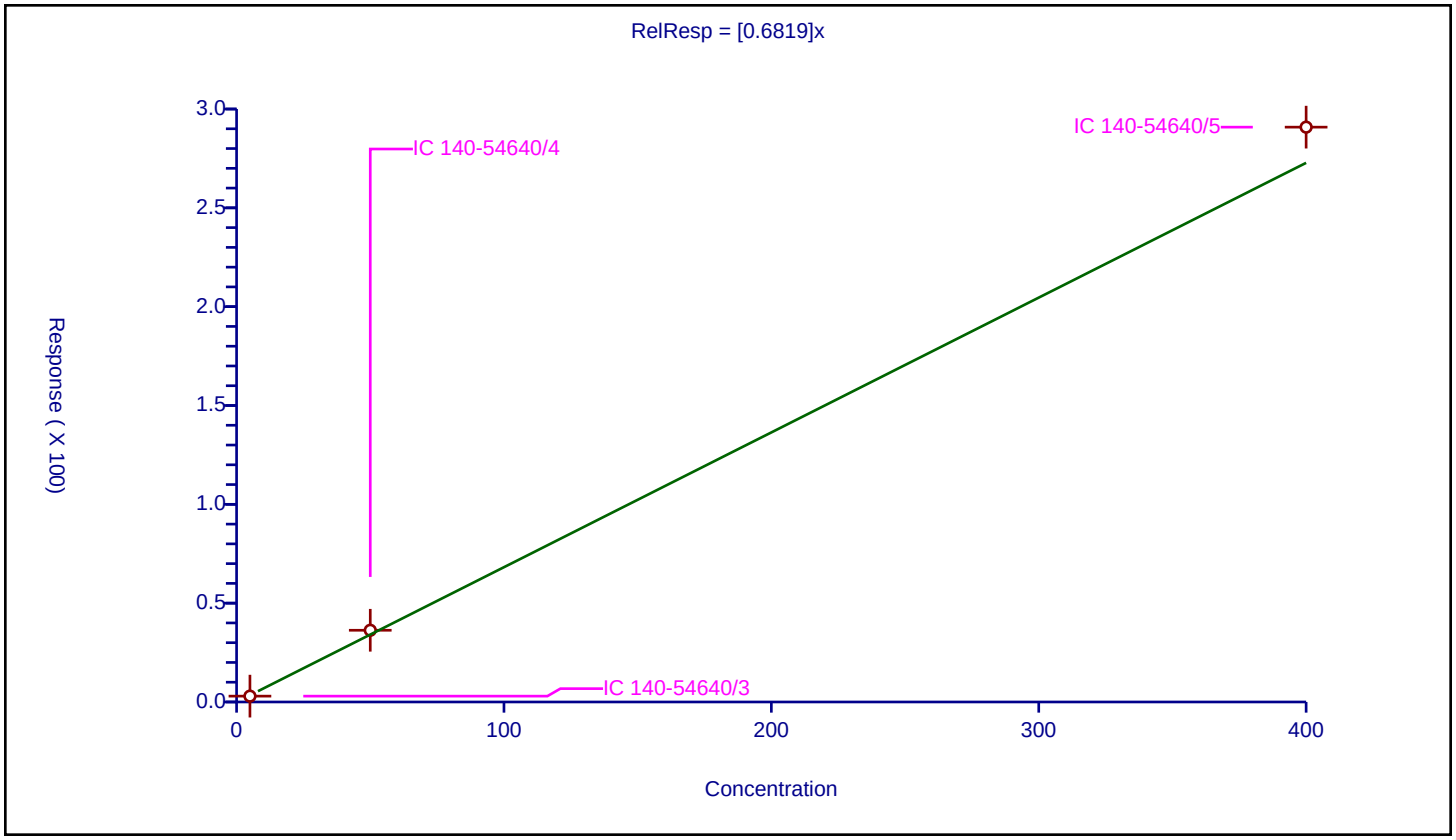
Curve Coefficients

Intercept:	0
Slope:	0.6819

Error Coefficients

Standard Error:	28500000
Relative Standard Error:	11.3
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/3	5.0	2.965494	100.0	14900618.0	0.593099	Y
2	IC 140-54640/4	50.0	36.2794	100.0	13896644.0	0.725588	Y
3	IC 140-54640/5	400.0	290.819716	100.0	13761361.0	0.727049	Y



Calibration / PCB-96

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

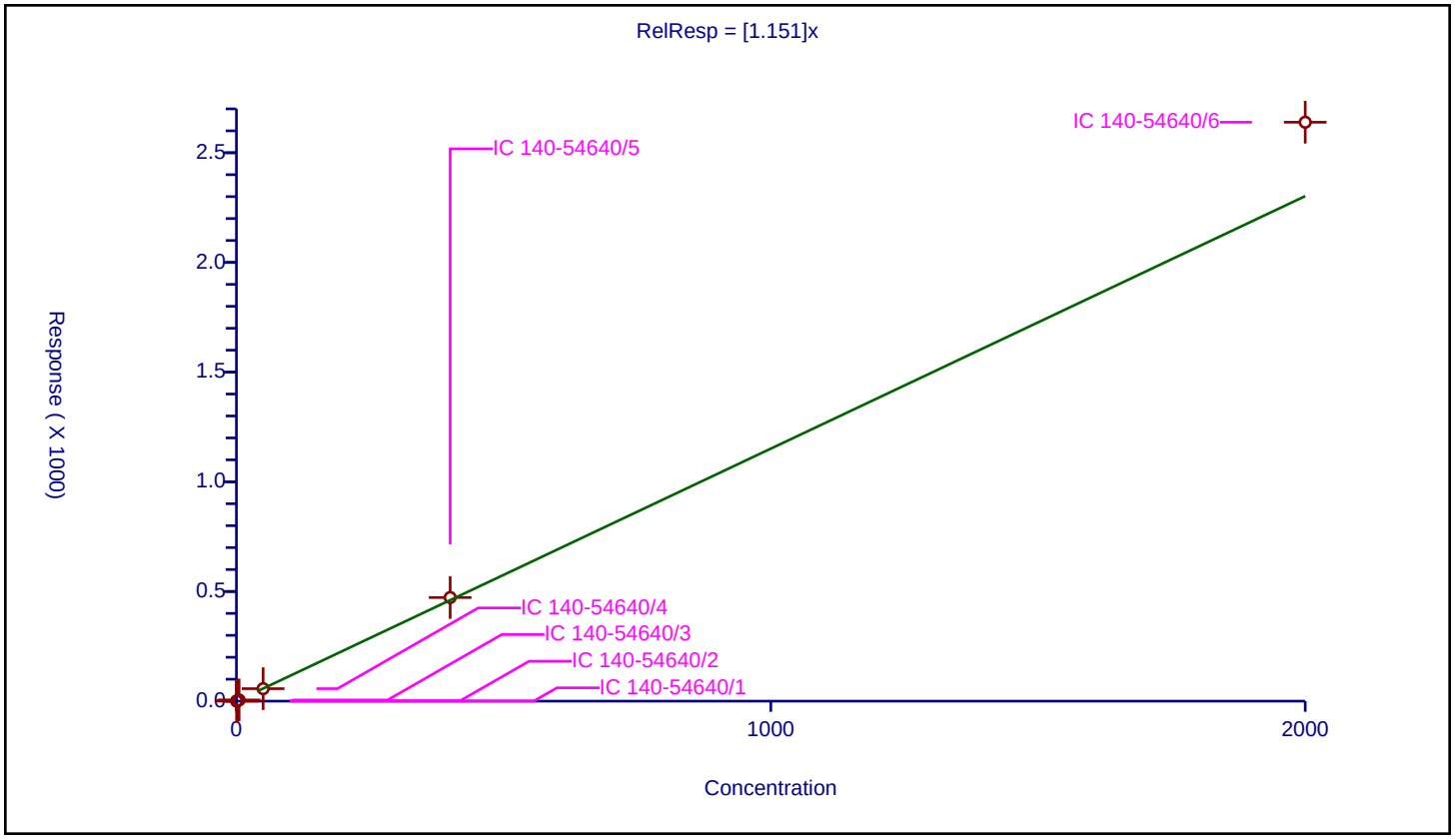
Curve Coefficients

Intercept:	0
Slope:	1.151

Error Coefficients

Standard Error:	168000000
Relative Standard Error:	8.3
Correlation Coefficient:	0.999
Coefficient of Determination (Adjusted):	0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	0.5	0.5693	100.0	14547508.0	1.138601	Y
2	IC 140-54640/2	1.0	1.039739	100.0	14512098.0	1.039739	Y
3	IC 140-54640/3	5.0	5.447714	100.0	14900618.0	1.089543	Y
4	IC 140-54640/4	50.0	56.912849	100.0	13896644.0	1.138257	Y
5	IC 140-54640/5	400.0	472.385151	100.0	13761361.0	1.180963	Y
6	IC 140-54640/6	2000.0	2639.119347	100.0	13976634.0	1.31956	Y



Calibration / PCB-97

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

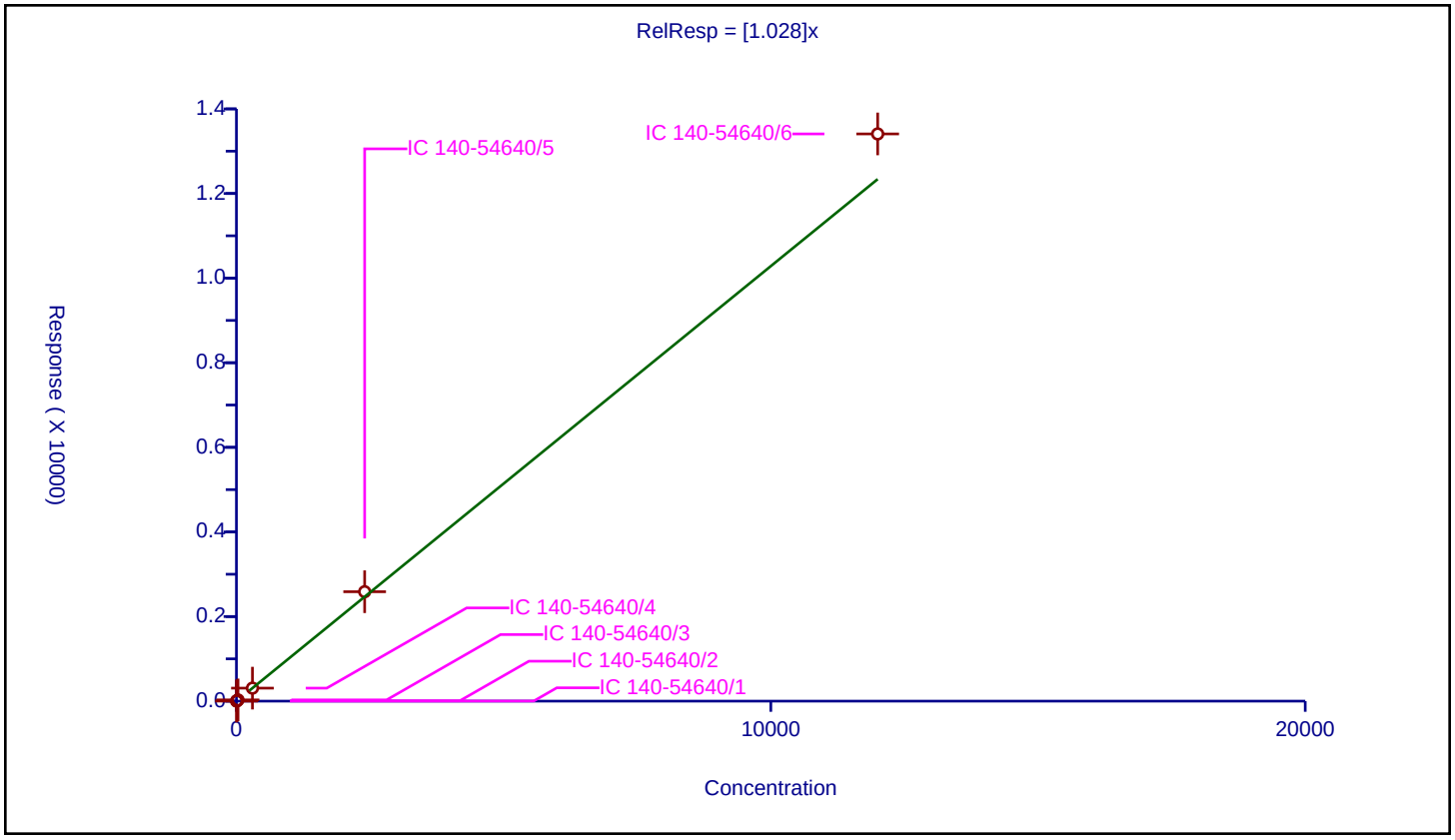
Curve Coefficients

Intercept:	0
Slope:	1.028

Error Coefficients

Standard Error:	853000000
Relative Standard Error:	5.6
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	3.0	2.989605	100.0	14547508.0	0.996535	Y
2	IC 140-54640/2	6.0	5.873582	100.0	14512098.0	0.97893	Y
3	IC 140-54640/3	30.0	29.239519	100.0	14900618.0	0.974651	Y
4	IC 140-54640/4	300.0	307.319192	100.0	13896644.0	1.024397	Y
5	IC 140-54640/5	2400.0	2586.718116	100.0	13761361.0	1.077799	Y
6	IC 140-54640/6	12000.0	13408.404677	100.0	13976634.0	1.117367	Y



Calibration / PCB-98

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

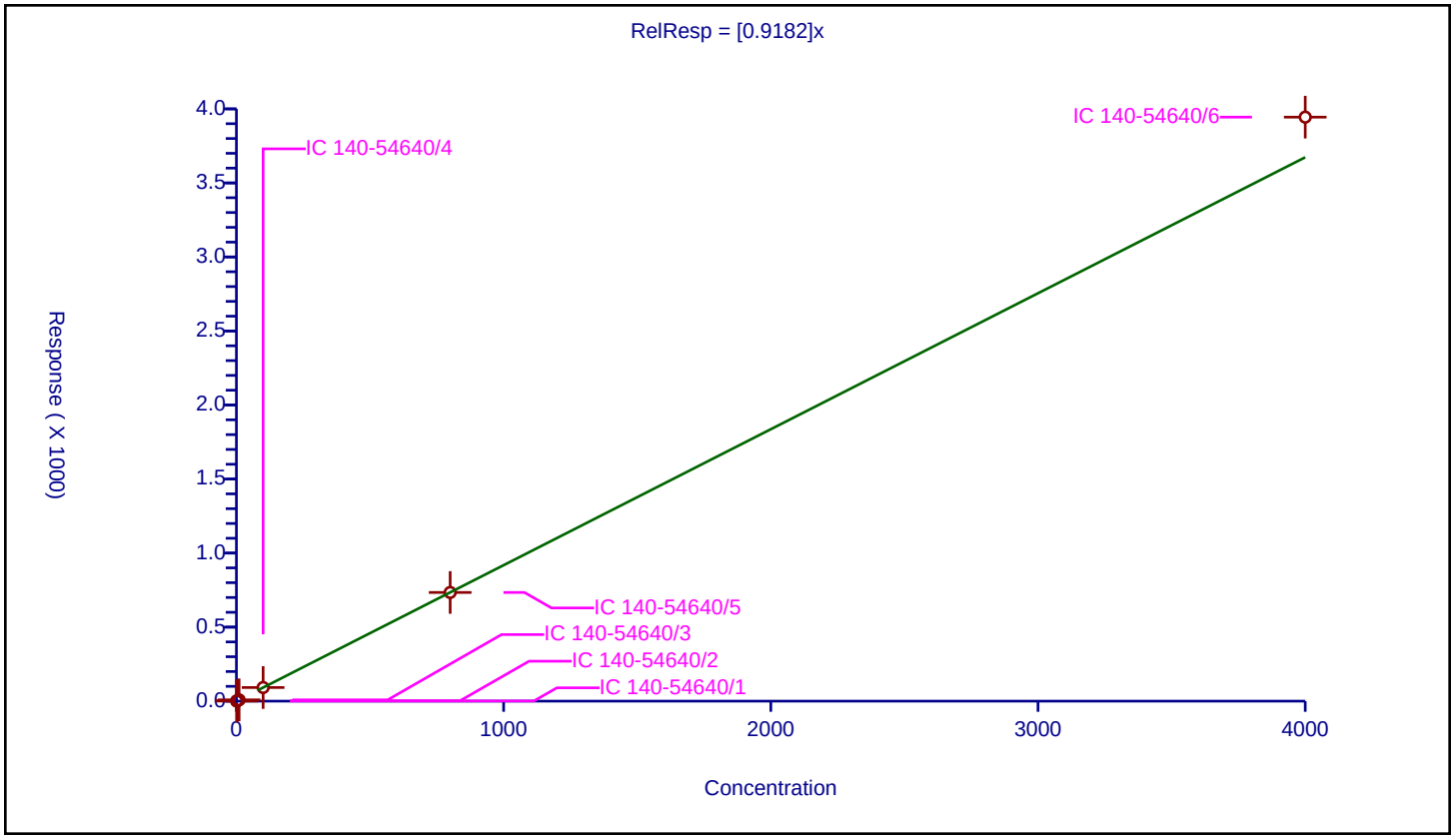
Curve Coefficients

Intercept:	0
Slope:	0.9182

Error Coefficients

Standard Error:	251000000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.899776	100.0	14547508.0	0.899776	Y
2	IC 140-54640/2	2.0	1.813521	100.0	14512098.0	0.906761	Y
3	IC 140-54640/3	10.0	8.800628	100.0	14900618.0	0.880063	Y
4	IC 140-54640/4	100.0	91.921524	100.0	13896644.0	0.919215	Y
5	IC 140-54640/5	800.0	734.070765	100.0	13761361.0	0.917588	Y
6	IC 140-54640/6	4000.0	3944.201308	100.0	13976634.0	0.98605	Y



Calibration / PCB-98/102

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

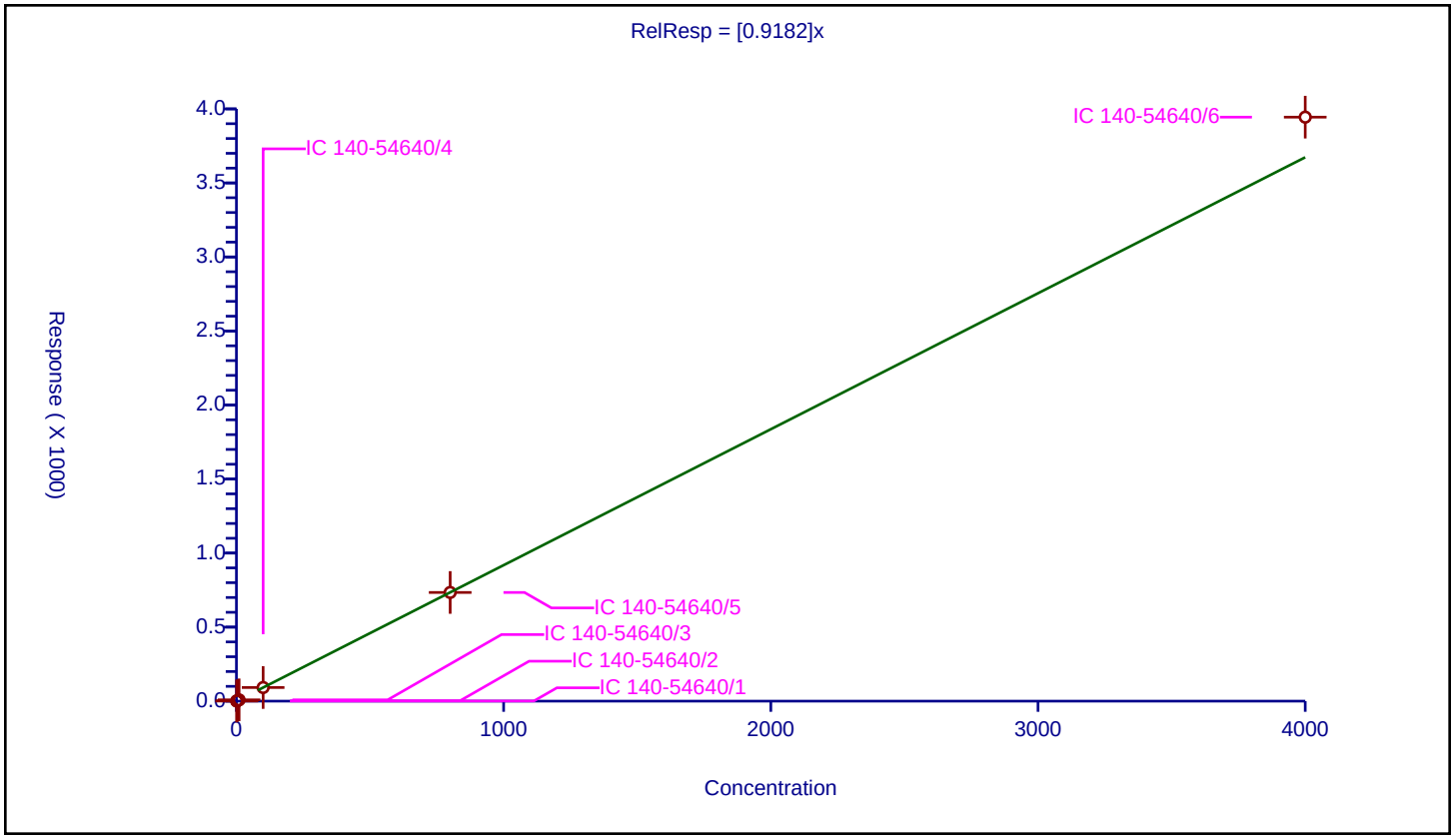
Curve Coefficients

Intercept:	0
Slope:	0.9182

Error Coefficients

Standard Error:	251000000
Relative Standard Error:	3.9
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.899776	100.0	14547508.0	0.899776	Y
2	IC 140-54640/2	2.0	1.813521	100.0	14512098.0	0.906761	Y
3	IC 140-54640/3	10.0	8.800628	100.0	14900618.0	0.880063	Y
4	IC 140-54640/4	100.0	91.921524	100.0	13896644.0	0.919215	Y
5	IC 140-54640/5	800.0	734.070765	100.0	13761361.0	0.917588	Y
6	IC 140-54640/6	4000.0	3944.201308	100.0	13976634.0	0.98605	Y



Calibration / PCB-99

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	IsoDil
Response Base:	AREA
RF Rounding:	0

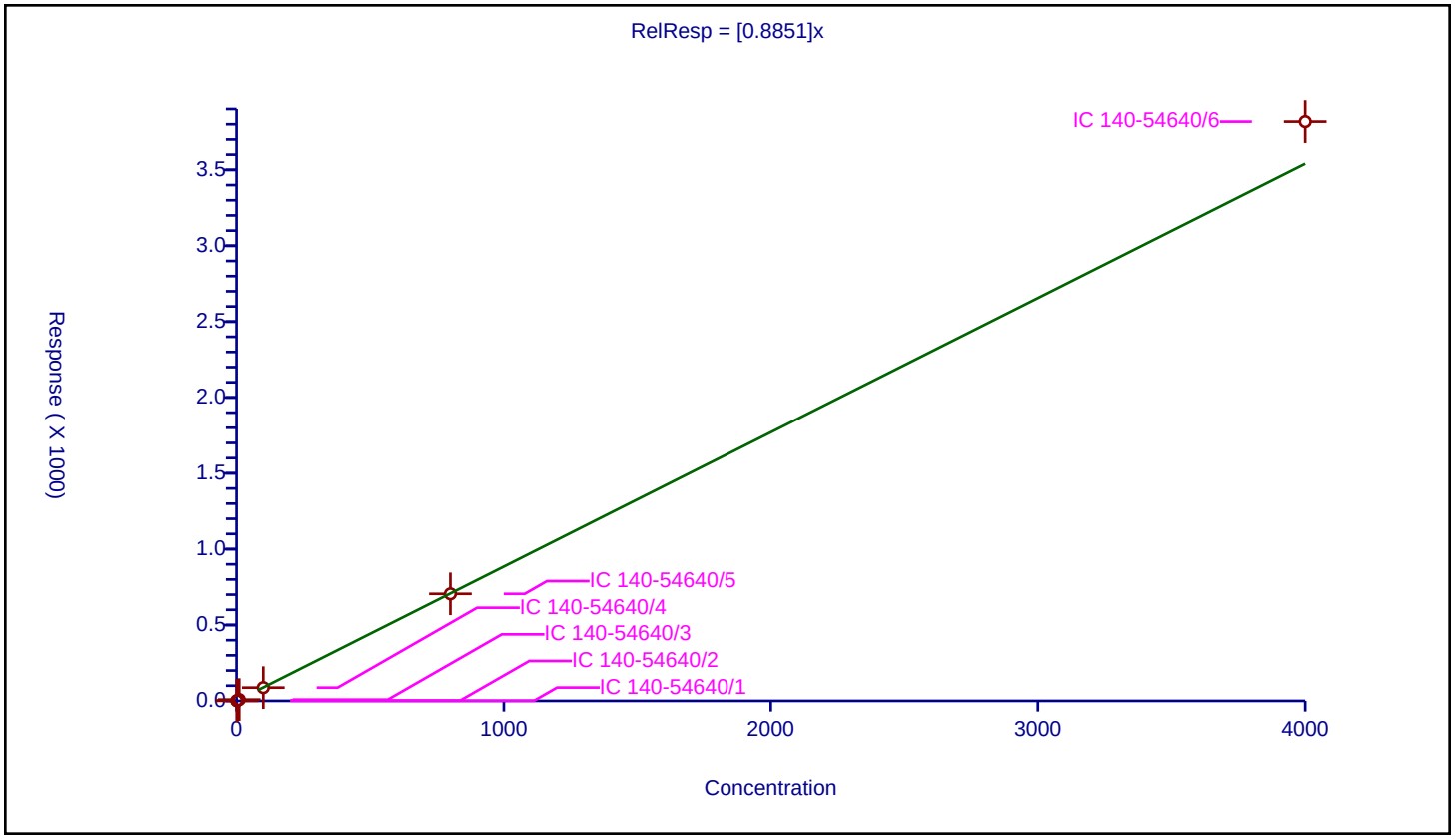
Curve Coefficients

Intercept:	0
Slope:	0.8851

Error Coefficients

Standard Error:	243000000
Relative Standard Error:	4.1
Correlation Coefficient:	1.000
Coefficient of Determination (Adjusted):	0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 140-54640/1	1.0	0.878865	100.0	14547508.0	0.878865	Y
2	IC 140-54640/2	2.0	1.757292	100.0	14512098.0	0.878646	Y
3	IC 140-54640/3	10.0	8.439227	100.0	14900618.0	0.843923	Y
4	IC 140-54640/4	100.0	87.329711	100.0	13896644.0	0.873297	Y
5	IC 140-54640/5	800.0	705.291948	100.0	13761361.0	0.881615	Y
6	IC 140-54640/6	4000.0	3817.291195	100.0	13976634.0	0.954323	Y



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Lab Sample ID (1): WDMCCV 140-81990/1 Instrument ID (1): D2D

GC Column (1): SPB-Octyl ID: 0.25(mm) Date Analyzed (1): 01/03/2024 14:42

ANALYTE	RT	RESOLUTION (%)
PCB-34	21.76	14
PCB-187	41.19	4

Resolution Report

Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d				
Injection Date:	03-Jan-2024 14:42:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Column:			
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		

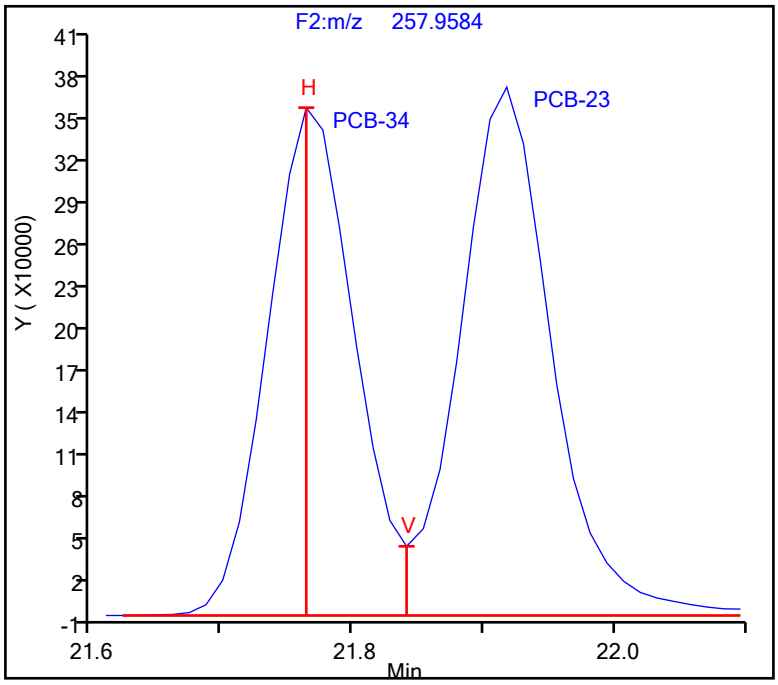
PCB-34 - PCB-23, Signal: 2

Isotopic Dilution PCB Method

%R = (V / H) * 100

V (Valley Height) = 47565
H (Peak Height) = 349103

%R = 14 <= 40
Passed



Resolution Report

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Column:
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

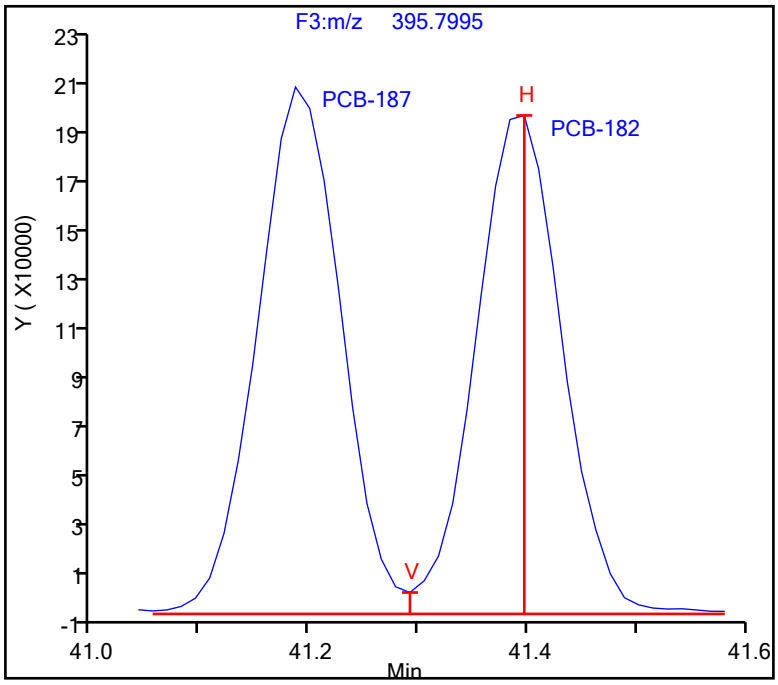
PCB-187 - PCB-182, Signal: 2

Isotopic Dilution PCB Method

%R = (V / H) * 100

V (Valley Height) = 8472
H (Peak Height) = 197165

%R = 4 <= 40
Passed



FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Lab Sample ID (1): WDMCCV 140-82009/1 Instrument ID (1): D2D

GC Column (1): SPB-Octyl ID: 0.25(mm) Date Analyzed (1): 01/04/2024 11:14

ANALYTE	RT	RESOLUTION (%)
PCB-34	21.73	16
PCB-187	41.15	4

Resolution Report

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Column:
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

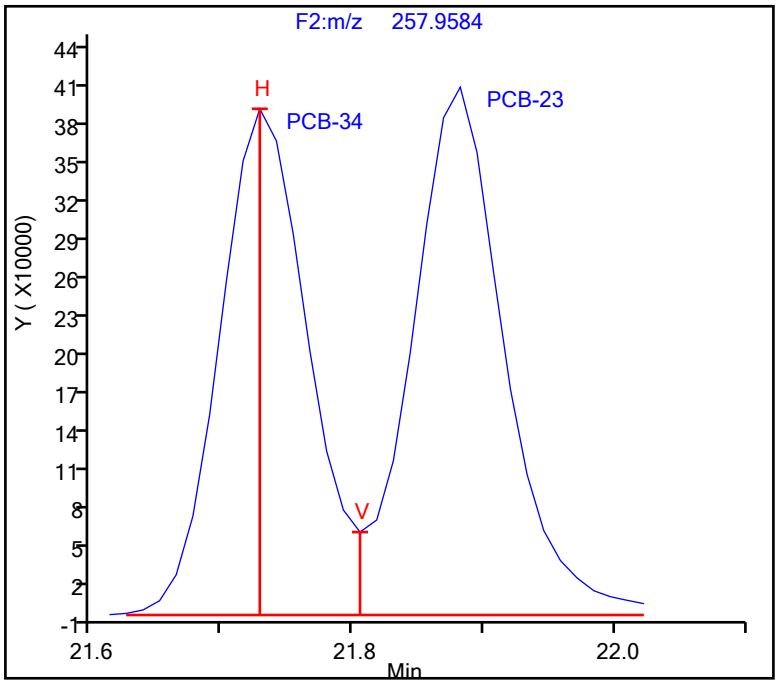
PCB-34 - PCB-23, Signal: 2

Isotopic Dilution PCB Method

%R = (V / H) * 100

V (Valley Height) = 63304
H (Peak Height) = 386412

%R = 16 <= 40
Passed



Resolution Report

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Column:
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

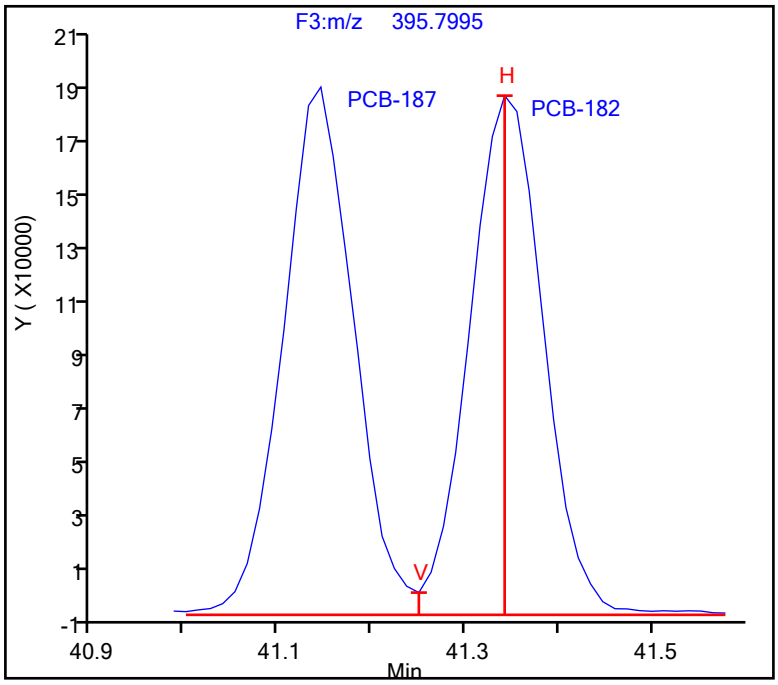
PCB-187 - PCB-182, Signal: 2

Isotopic Dilution PCB Method

%R = (V / H) * 100

V (Valley Height) = 7850
H (Peak Height) = 183272

%R = 4 <= 40
Passed



FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: ICV 140-54640/7 | Calibration Date: 10/08/2021 19:20

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d3211007icv.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1	AveID	1.225	1.166		47.6	50.0	-4.8	
PCB-2	AveID	1.264	1.214		48.0	50.0	-3.9	
PCB-3	AveID	1.234	1.162		47.1	50.0	-5.9	
PCB-4	AveID	1.280	1.205		47.1	50.0	-5.9	
PCB-10	AveID	1.154	1.341		58.1	50.0	16.2	
PCB-9	AveID	1.364	1.414		51.8	50.0	3.6	
PCB-7	AveID	1.249	1.340		53.7	50.0	7.3	
PCB-6	AveID	1.496	1.452		48.5	50.0	-2.9	
PCB-5	AveID	1.221	1.238		50.7	50.0	1.4	
PCB-8	AveID	1.521	1.492		49.0	50.0	-1.9	
PCB-19	AveID	1.290	1.213		47.0	50.0	-6.0	
PCB-14	AveID	1.286	1.458		56.7	50.0	13.4	
PCB-18	AveID	1.808	1.568		86.7	100	-13.3	
PCB-18/30	AveID	1.808	1.568		86.7	100	-13.3	
PCB-30	AveID	1.808	1.568		86.7	100	-13.3	
PCB-11	AveID	1.442	1.386		48.1	50.0	-3.9	
PCB-17	AveID	1.215	1.306		53.7	50.0	7.5	
PCB-12	AveID	1.296	1.374		106	100	6.0	
PCB-12/13	AveID	1.296	1.374		106	100	6.0	
PCB-13	AveID	1.296	1.374		106	100	6.0	
PCB-27	AveID	1.715	1.951		56.9	50.0	13.8	
PCB-24	AveID	1.774	1.702		48.0	50.0	-4.1	
PCB-16	AveID	1.200	1.181		49.2	50.0	-1.6	
PCB-15	AveID	1.138	1.238		54.4	50.0	8.8	
PCB-54	AveID	1.206	1.275		106	100	5.7	
PCB-32	AveID	1.970	2.083		52.9	50.0	5.7	
PCB-34	AveID	1.009	1.132		56.1	50.0	12.3	
PCB-23	AveID	1.033	1.043		50.5	50.0	1.0	
PCB-26	AveID	1.004	1.169		116	100	16.5	
PCB-26/29	AveID	1.004	1.169		116	100	16.5	
PCB-29	AveID	1.004	1.169		116	100	16.5	
PCB-25	AveID	1.299	1.189		45.8	50.0	-8.5	
PCB-50	AveID	0.7674	0.7970		208	200	3.8	
PCB-50/53	AveID	0.7674	0.7970		208	200	3.8	
PCB-53	AveID	0.7674	0.7970		208	200	3.8	
PCB-31	AveID	1.237	1.258		50.8	50.0	1.7	
PCB-20	AveID	1.110	1.111		100	100	0.2	
PCB-20/28	AveID	1.110	1.111		100	100	0.2	
PCB-28	AveID	1.110	1.111		100	100	0.2	
PCB-45	AveID	0.7052	0.7612		216	200	7.9	
PCB-45/51	AveID	0.7052	0.7612		216	200	7.9	

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: ICV 140-54640/7 | Calibration Date: 10/08/2021 19:20

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d3211007icv.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-51	AveID	0.7052	0.7612		216	200	7.9	
PCB-21	AveID	1.124	1.225		109	100	8.9	
PCB-21/33	AveID	1.124	1.225		109	100	8.9	
PCB-33	AveID	1.124	1.225		109	100	8.9	
PCB-46	AveID	0.5909	0.6467		109	100	9.4	
PCB-22	AveID	1.203	1.079		44.9	50.0	-10.3	
PCB-52	AveID	0.8488	0.8373		98.6	100	-1.4	
PCB-43	AveID	0.8936	0.8605		193	200	-3.7	
PCB-43/73	AveID	0.8936	0.8605		193	200	-3.7	
PCB-73	AveID	0.8936	0.8605		193	200	-3.7	
PCB-36	AveID	1.295	1.296		50.0	50.0	0.0	
PCB-49	AveID	0.8934	0.9855		221	200	10.3	
PCB-49/69	AveID	0.8934	0.9855		221	200	10.3	
PCB-69	AveID	0.8934	0.9855		221	200	10.3	
PCB-39	AveID	1.162	1.224		52.7	50.0	5.3	
PCB-48	AveID	0.7506	0.7838		104	100	4.4	
PCB-104	AveID	1.005	1.223		122	100	21.7	
PCB-44	AveID	0.8388	0.8821		315	300	5.2	
PCB-44/47/65	AveID	0.8388	0.8821		315	300	5.2	
PCB-47	AveID	0.8388	0.8821		315	300	5.2	
PCB-65	AveID	0.8388	0.8821		315	300	5.2	
PCB-38	AveID	1.176	1.253		53.3	50.0	6.6	
PCB-59	AveID	1.004	1.115		333	300	11.0	
PCB-59/62/75	AveID	1.004	1.115		333	300	11.0	
PCB-62	AveID	1.004	1.115		333	300	11.0	
PCB-75	AveID	1.004	1.115		333	300	11.0	
PCB-96	AveID	1.151	1.237		107	100	7.4	
PCB-42	AveID	0.6874	0.7159		104	100	4.1	
PCB-35	AveID	1.131	1.165		51.5	50.0	3.0	
PCB-40	AveID	0.7618	0.8049		317	300	5.7	
PCB-40/41/71	AveID	0.7618	0.8049		317	300	5.7	
PCB-41	AveID	0.7618	0.8049		317	300	5.7	
PCB-71	AveID	0.7618	0.8049		317	300	5.7	
PCB-37	AveID	1.145	1.218		53.2	50.0	6.4	
PCB-64	AveID	1.032	1.084		105	100	5.1	
PCB-72	AveID	1.162	1.216		105	100	4.6	
PCB-103	AveID	0.8327	0.9721		117	100	16.8	
PCB-68	AveID	1.125	1.193		106	100	6.1	
PCB-94	AveID	0.6950	0.7808		112	100	12.3	
PCB-57	AveID	1.111	1.151		104	100	3.6	
PCB-95	AveID	0.7922	0.9103		115	100	14.9	

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: ICV 140-54640/7 | Calibration Date: 10/08/2021 19:20

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d3211007icv.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-58	AveID	1.285	1.126		87.6	100	-12.4	
PCB-100	AveID	0.7830	0.8412		215	200	7.4	
PCB-93	AveID	0.7830	0.8412		215	200	7.4	
PCB-93/100	AveID	0.7830	0.8412		215	200	7.4	
PCB-67	AveID	1.327	1.282		96.6	100	-3.4	
PCB-102	AveID	0.9182	0.8490		185	200	-7.5	
PCB-98	AveID	0.9182	0.8490		185	200	-7.5	
PCB-98/102	AveID	0.9182	0.8490		185	200	-7.5	
PCB-63	AveID	1.065	1.264		119	100	18.7	
PCB-61	AveID	1.155	1.153		399	400	-0.2	
PCB-61/70/74/76	AveID	1.155	1.153		399	400	-0.2	
PCB-70	AveID	1.155	1.153		399	400	-0.2	
PCB-74	AveID	1.155	1.153		399	400	-0.2	
PCB-76	AveID	1.155	1.153		399	400	-0.2	
PCB-88	AveID	0.8023	0.8655		216	200	7.9	
PCB-88/91	AveID	0.8023	0.8655		216	200	7.9	
PCB-91	AveID	0.8023	0.8655		216	200	7.9	
PCB-84	AveID	0.6855	0.7752		113	100	13.1	
PCB-66	AveID	1.233	1.277		104	100	3.6	
PCB-55	AveID	1.265	1.078		85.2	100	-14.8	
PCB-89	AveID	0.8482	0.8590		101	100	1.3	
PCB-56	AveID	1.216	1.163		95.6	100	-4.4	
PCB-121	AveID	1.284	1.213		94.5	100	-5.5	
PCB-60	AveID	1.055	1.101		104	100	4.3	
PCB-92	AveID	0.7805	0.9097		117	100	16.6	
PCB-80	AveID	1.277	1.317		103	100	3.1	
PCB-155	AveID	0.9289	1.125		121	100	21.1	
PCB-101	AveID	0.9542	1.013		319	300	6.2	
PCB-113	AveID	0.9542	1.013		319	300	6.2	
PCB-152	AveID	1.124	1.098		97.7	100	-2.3	
PCB-90	AveID	0.9542	1.013		319	300	6.2	
PCB-90/101/113	AveID	0.9542	1.013		319	300	6.2	
PCB-150	AveID	0.997	1.025		103	100	2.9	
PCB-136	AveID	0.9632	1.089		113	100	13.0	
PCB-83	AveID	0.8851	0.9060		205	200	2.4	
PCB-83/99	AveID	0.8851	0.9060		205	200	2.4	
PCB-99	AveID	0.8851	0.9060		205	200	2.4	
PCB-112	AveID	1.415	1.257		88.9	100	-11.1	
PCB-145	AveID	1.078	1.004		93.2	100	-6.8	
PCB-109	AveID	1.028	1.054		615	600	2.5	
PCB-119	AveID	1.028	1.054		615	600	2.5	

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: ICV 140-54640/7 | Calibration Date: 10/08/2021 19:20

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d3211007icv.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-125	AveID	1.028	1.054		615	600	2.5	
PCB-86	AveID	1.028	1.054		615	600	2.5	
PCB-86/87/97/109/119/125	AveID	1.028	1.054		615	600	2.5	
PCB-87	AveID	1.028	1.054		615	600	2.5	
PCB-97	AveID	1.028	1.054		615	600	2.5	
PCB-79	AveID	1.445	1.487		103	100	2.9	
PCB-78	AveID	1.212	1.225		101	100	1.1	
PCB-116	AveID	1.024	1.090		320	300	6.5	
PCB-117	AveID	1.024	1.090		320	300	6.5	
PCB-85	AveID	1.024	1.090		320	300	6.5	
PCB-85/116/117	AveID	1.024	1.090		320	300	6.5	
PCB-110	AveID	1.356	1.210		179	200	-10.7	
PCB-110/115	AveID	1.356	1.210		179	200	-10.7	
PCB-115	AveID	1.356	1.210		179	200	-10.7	
PCB-81	AveID	1.015	1.294		128	100	27.5	
PCB-148	AveID	0.7376	0.8059		109	100	9.3	
PCB-82	AveID	0.8520	0.8713		102	100	2.3	
PCB-111	AveID	1.222	1.265		104	100	3.5	
PCB-77	AveID	1.050	1.176		112	100	12.1	
PCB-135	AveID	0.7414	0.7576		204	200	2.2	
PCB-135/151	AveID	0.7414	0.7576		204	200	2.2	
PCB-151	AveID	0.7414	0.7576		204	200	2.2	
PCB-120	AveID	1.516	1.436		94.7	100	-5.3	
PCB-154	AveID	0.8223	0.9169		112	100	11.5	
PCB-144	AveID	0.7371	0.8274		112	100	12.2	
PCB-147	AveID	0.8634	0.8034		186	200	-7.0	
PCB-147/149	AveID	0.8634	0.8034		186	200	-7.0	
PCB-149	AveID	0.8634	0.8034		186	200	-7.0	
PCB-134	AveID	0.6812	0.7092		208	200	4.1	
PCB-134/143	AveID	0.6812	0.7092		208	200	4.1	
PCB-143	AveID	0.6812	0.7092		208	200	4.1	
PCB-108	AveID	1.091	1.127		207	200	3.3	
PCB-108/124	AveID	1.091	1.127		207	200	3.3	
PCB-124	AveID	1.091	1.127		207	200	3.3	
PCB-139	AveID	0.8381	0.8083		193	200	-3.6	
PCB-139/140	AveID	0.8381	0.8083		193	200	-3.6	
PCB-140	AveID	0.8381	0.8083		193	200	-3.6	
PCB-107	AveID	1.200	1.257		105	100	4.7	
PCB-131	AveID	0.6856	0.6597		96.2	100	-3.8	
PCB-123	AveID	1.045	1.137		109	100	8.8	
PCB-106	AveID	1.171	1.171		100	100	-0.0	

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Lab Sample ID: ICV 140-54640/7 Calibration Date: 10/08/2021 19:20

Instrument ID: D2D Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) Calib End Date: 10/08/2021 16:58

Lab File ID: d3211007icv.d Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-142	AveID	0.6760	0.7167		106	100	6.0	
PCB-118	AveID	1.026	1.066		104	100	3.9	
PCB-132	AveID	0.7063	0.6906		97.8	100	-2.2	
PCB-122	AveID	0.9264	1.085		117	100	17.1	
PCB-188	AveID	1.053	1.167		111	100	10.7	
PCB-114	AveID	1.093	1.178		108	100	7.8	
PCB-133	AveID	0.7770	0.7921		102	100	1.9	
PCB-179	AveID	1.401	1.412		101	100	0.8	
PCB-165	AveID	0.9584	0.9807		102	100	2.3	
PCB-105	AveID	1.076	1.279		119	100	18.9	
PCB-146	AveID	0.9163	0.9000		98.2	100	-1.8	
PCB-184	AveID	1.300	1.378		106	100	6.0	
PCB-161	AveID	1.141	1.124		98.5	100	-1.5	
PCB-176	AveID	1.199	1.382		115	100	15.3	
PCB-153	AveID	1.047	1.030		197	200	-1.6	
PCB-153/168	AveID	1.047	1.030		197	200	-1.6	
PCB-168	AveID	1.047	1.030		197	200	-1.6	
PCB-141	AveID	0.7580	0.7921		104	100	4.5	
PCB-186	AveID	1.471	1.280		87.0	100	-13.0	
PCB-130	AveID	0.6356	0.7359		116	100	15.8	
PCB-127	AveID	1.183	1.230		104	100	3.9	
PCB-137	AveID	0.7533	0.7718		102	100	2.5	
PCB-164	AveID	1.117	1.077		96.4	100	-3.6	
PCB-129	AveID	0.8826	0.9031		409	400	2.3	
PCB-129/138/160/163	AveID	0.8826	0.9031		409	400	2.3	
PCB-138	AveID	0.8826	0.9031		409	400	2.3	
PCB-160	AveID	0.8826	0.9031		409	400	2.3	
PCB-163	AveID	0.8826	0.9031		409	400	2.3	
PCB-158	AveID	1.133	1.216		107	100	7.3	
PCB-178	AveID	0.8813	0.9939		113	100	12.8	
PCB-175	AveID	0.9040	1.040		115	100	15.0	
PCB-126	AveID	1.228	1.256		102	100	2.2	
PCB-128	AveID	0.9522	0.9434		198	200	-0.9	
PCB-128/166	AveID	0.9522	0.9434		198	200	-0.9	
PCB-166	AveID	0.9522	0.9434		198	200	-0.9	
PCB-187	AveID	1.152	1.048		91.0	100	-9.0	
PCB-182	AveID	1.105	1.042		94.3	100	-5.7	
PCB-183	AveID	0.9716	1.024		211	200	5.4	
PCB-183/185	AveID	0.9716	1.024		211	200	5.4	
PCB-185	AveID	0.9716	1.024		211	200	5.4	
PCB-174	AveID	0.998	1.014		102	100	1.6	

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Lab Sample ID: ICV 140-54640/7 Calibration Date: 10/08/2021 19:20

Instrument ID: D2D Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) Calib End Date: 10/08/2021 16:58

Lab File ID: d3211007icv.d Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-159	AveID	1.307	1.196		91.5	100	-8.5	
PCB-162	AveID	1.093	1.086		99.3	100	-0.7	
PCB-177	AveID	0.9612	1.009		105	100	5.0	
PCB-202	AveID	1.008	1.012		151	150	0.4	
PCB-167	AveID	1.110			113	100		
PCB-181	AveID	1.058	0.9792		92.6	100	-7.4	
PCB-171	AveID	0.8964	0.9471		211	200	5.7	
PCB-171/173	AveID	0.8964	0.9471		211	200	5.7	
PCB-173	AveID	0.8964	0.9471		211	200	5.7	
PCB-201	AveID	0.9580	1.099		172	150	14.7	
PCB-156	AveID	1.071	1.166		218	200	8.9	
PCB-156/157	AveID	1.071	1.166		218	200	8.9	
PCB-157	AveID	1.071	1.166		218	200	8.9	
PCB-204	AveID	1.112	1.088		147	150	-2.2	
PCB-197	AveID	1.049	1.039		149	150	-0.9	
PCB-200	AveID	0.9671	1.118		173	150	15.6	
PCB-172	AveID	0.9283	0.9910		107	100	6.8	
PCB-192	AveID	1.413	1.240		87.7	100	-12.3	
PCB-180	AveID	1.168	1.203		206	200	3.0	
PCB-180/193	AveID	1.168	1.203		206	200	3.0	
PCB-193	AveID	1.168	1.203		206	200	3.0	
PCB-191	AveID	1.270	1.450		114	100	14.2	
PCB-170	AveID	1.092	1.277		117	100	16.9	
PCB-190	AveID	1.300	1.435		110	100	10.4	
PCB-169	AveID	1.225	1.233		101	100	0.7	
PCB-198	AveID	0.8830	0.7709		262	300	-12.7	
PCB-198/199	AveID	0.8830	0.7709		262	300	-12.7	
PCB-199	AveID	0.8830	0.7709		262	300	-12.7	
PCB-196	AveID	0.7882	0.8358		159	150	6.0	
PCB-203	AveID	0.9704	0.8580		133	150	-11.6	
PCB-208	AveID	1.046	1.118		160	150	6.9	
PCB-195	AveID	0.8289	0.8275		150	150	-0.2	
PCB-189	AveID	1.015	1.137		112	100	12.1	
PCB-207	AveID	1.233	1.303		159	150	5.7	
PCB-194	AveID	0.9255	0.9293		151	150	0.4	
PCB-205	AveID	1.127	1.162		155	150	3.1	
PCB-206	AveID	1.257	1.172		140	150	-6.8	
PCB-209	AveID	1.042	1.188		171	150	14.0	
PCB-1L	Ave	1.357	1.427		105	100	5.2	
PCB-3L	Ave	1.414	1.483		105	100	4.9	
PCB-4L	Ave	0.6168	0.6446		104	100	4.5	

FORM VII 1668A

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: ICV 140-54640/7 | Calibration Date: 10/08/2021 19:20

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d3211007icv.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-19L	Ave	0.6075	0.6331		104	100	4.2	
PCB-15L	Ave	1.120	1.155		103	100	3.1	
PCB-54L	Ave	0.6773	0.7223		107	100	6.6	
PCB-104L	Ave	1.188	1.223		103	100	2.9	
PCB-37L	Ave	0.8960	0.9252		103	100	3.3	
PCB-155L	Ave	1.136	1.202		106	100	5.8	
PCB-81L	Ave	1.350	1.363		101	100	1.0	
PCB-77L	Ave	1.426	1.440		101	100	1.0	
PCB-123L	Ave	0.9399	0.9799		104	100	4.3	
PCB-118L	Ave	0.9794	1.037		106	100	5.9	
PCB-188L	Ave	1.260	1.273		101	100	1.0	
PCB-114L	Ave	0.9767	0.995		102	100	1.9	
PCB-105L	Ave	0.9600	1.004		105	100	4.6	
PCB-126L	Ave	0.9554	1.008		106	100	5.6	
PCB-202L	Ave	1.039	1.134		109	100	9.2	
PCB-167L	Ave	1.266	1.322		104	100	4.4	
PCB-156L	Ave	1.252	1.305		208	200	4.2	
PCB-156L/157L	Ave	1.252	1.305		208	200	4.2	
PCB-157L	Ave	1.252	1.305		208	200	4.2	
PCB-170L	Ave	0.8524	0.8443		99.0	100	-1.0	
PCB-169L	Ave	1.307	1.390		106	100	6.3	
PCB-208L	Ave	1.023	1.042		102	100	1.8	
PCB-189L	Ave	1.474	1.545		105	100	4.8	
PCB-205L	Ave	1.217	1.244		102	100	2.3	
PCB-206L	Ave	0.7298	0.7544		103	100	3.4	
PCB-209L	Ave	0.7565	0.7665		101	100	1.3	
PCB-28L	Ave	0.9882	1.057		53.5	50.0	7.0	
PCB-111L	Ave	1.180	1.406		59.6	50.0	19.1	
PCB-178L	Ave	0.8365	0.9671		57.8	50.0	15.6	

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 08-Oct-2021 19:20:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-007
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist:

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 09-Oct-2021 20:35:02 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1646

First Level Reviewer: davidsonm Date: 09-Oct-2021 20:35:02

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					142.7	142.7	0.1381	0.1381		
D PCB-1L	11:47	32779109	3.18	1.3572	105.2	105.2	0.1945	0.1945	105	
D PCB-3L	13:56	34050071	3.26	1.4136	104.9	104.9	0.1868	0.1868	105	
PCB-1	11:47	19112615	3.17	1.2253	47.6	47.6	0.1306	0.1306	95.18	
PCB-2	13:46	20283358	3.17	1.2638	48.0	48.0	0.1352	0.1352	96.06	
PCB-3	13:57	19777523	3.16	1.2343	47.1	47.1	0.1485	0.1485	94.11	
S Total Dichlorobiphenyls					624.1	624.1	0.0120	0.0120		
D PCB-4L	14:11	14803410	1.58	0.6168	104.5	104.5	0.0679	0.0679	104	
* PCB-9L	16:08	22965725	1.62	2E+05	100.0	100.0				
$ PCB-8L	16:58	12235976	1.61	1.0903	54.3	54.3	0.0467	0.0467	109	
D PCB-15L	20:04	26523551	1.64	1.1198	103.1	103.1	0.0374	0.0374	103	
PCB-4	14:13	8919261	1.60	1.2801	47.1	47.1	0.0144	0.0144	94.14	
PCB-10	14:22	13852033	1.57	1.1542	58.1	58.1	0.0135	0.0135	116	
PCB-9	16:09	14604292	1.60	1.3642	51.8	51.8	0.0114	0.0114	104	
PCB-7	16:19	13846623	1.57	1.2485	53.7	53.7	0.0124	0.0124	107	
PCB-6	16:34	15003472	1.59	1.4961	48.5	48.5	0.0104	0.0104	97.06	
PCB-5	16:52	12793253	1.58	1.2206	50.7	50.7	0.0127	0.0127	101	
PCB-8	17:00	15410511	1.58	1.5207	49.0	49.0	0.0102	0.0102	98.08	
PCB-14	18:35	15067440	1.59	1.2864	56.7	56.7	0.0121	0.0121	113	
PCB-11	19:27	14317267	1.58	1.4418	48.1	48.1	0.0108	0.0108	96.11	
PCB-12	19:46	28393875	1.59	1.2960	106.0	106.0	0.0120	0.0120	106	
PCB-13 (C12)	19:46	28393875	1.59	1.2960	106.0	106.0	0.0120	0.0120	106	
PCB-15	20:05	16416992	1.60	1.1378	54.4	54.4	0.0118	0.0118	109	
S Total Trichlorobiphenyls					1228.7	1228.7	0.5894	0.5894		
D PCB-19L	17:17	10187260	1.07	0.6075	104.2	104.2	0.2582	0.2582	104	
* PCB-32L	20:31	16090869	1.07	1.4E+05	100.0	100.0				
* PCB-31L	22:47	35554148	1.05	3.1E+05	100.0	100.0				
$ PCB-28L	23:04	18792623	1.06	0.9882	53.5	53.5	0.1016	0.1016	107	
D PCB-37L	27:06	32893189	1.07	0.8960	103.3	103.3	0.1120	0.1120	103	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-19	17:19	6176122	1.05	1.2904	47.0	47.0	0.0214	0.0214	93.96	
PCB-18	19:05	15971991	1.08	1.8076	86.7	86.7	0.0153	0.0153	86.74	M
PCB-30 (C18)	19:05	15971991	1.08	1.8076	86.7	86.7	0.0153	0.0153	86.74	M
PCB-17	19:34	6652474	1.05	1.2151	53.7	53.7	0.0228	0.0228	107	
PCB-27	19:47	9935358	1.06	1.7146	56.9	56.9	0.0161	0.0161	114	
PCB-24	19:54	8668894	1.07	1.7741	48.0	48.0	0.0156	0.0156	95.93	
PCB-16	20:02	6017723	1.05	1.2003	49.2	49.2	0.0230	0.0230	98.43	
PCB-32	20:33	10611171	1.04	1.9703	52.9	52.9	0.0140	0.0140	106	
PCB-34	21:47	18625294	1.05	1.0089	56.1	56.1	1.014	1.014	112	
PCB-23	21:56	17156359	1.04	1.0329	50.5	50.5	0.991	0.991	101	
PCB-26	22:15	38448159	1.05	1.0037	116.5	116.5	1.019	1.019	116	
PCB-29 (C26)	22:15	38448159	1.05	1.0037	116.5	116.5	1.019	1.019	116	
PCB-25	22:29	19562985	1.04	1.2995	45.8	45.8	0.7874	0.7874	91.54	
PCB-31	22:48	20688683	1.03	1.2369	50.8	50.8	0.8272	0.8272	102	
PCB-20	23:07	36560171	1.04	1.1096	100.2	100.2	0.9221	0.9221	100	
PCB-28 (C20)	23:07	36560171	1.04	1.1096	100.2	100.2	0.9221	0.9221	100	
PCB-21	23:20	40296715	1.02	1.1245	108.9	108.9	0.9099	0.9099	109	M
PCB-33 (C21)	23:20	40296715	1.02	1.1245	108.9	108.9	0.9099	0.9099	109	M
PCB-22	23:45	17742899	1.02	1.2027	44.9	44.9	0.8508	0.8508	89.70	M
PCB-36	25:17	21308153	1.11	1.2953	50.0	50.0	0.7900	0.7900	100	M
PCB-39	25:39	20126208	1.05	1.1621	52.7	52.7	0.8805	0.8805	105	
PCB-38	26:13	20609641	1.04	1.1759	53.3	53.3	0.8701	0.8701	107	
PCB-35	26:43	19157286	1.03	1.1311	51.5	51.5	0.9046	0.9046	103	M
PCB-37	27:07	20038110	1.03	1.1448	53.2	53.2	0.8938	0.8938	106	
S Total Tetrachlorobiphenyls					4381.6	4381.6	0.7303	0.7303		
D PCB-54L	20:23	11621710	0.81	0.6773	106.6	106.6	0.0253	0.0253	107	
* PCB-52L	24:55	18254518	0.80	1.6E+05	100.0	100.0				
$ PCB-79L	32:50	13485526	0.79	0.9218	57.2	57.2	0.3622	0.3622	114	
D PCB-81L	33:51	24877277	0.81	1.3497	101.0	101.0	0.3059	0.3059	101	
D PCB-77L	34:26	26294409	0.81	1.4256	101.0	101.0	0.2896	0.2896	101	
PCB-54	20:23	14822251	0.76	1.2064	105.7	105.7	0.0255	0.0255	106	
PCB-50	22:33	40782364	0.79	0.7674	207.7	207.7	0.9609	0.9609	104	
PCB-53 (C50)	22:33	40782364	0.79	0.7674	207.7	207.7	0.9609	0.9609	104	
PCB-45	23:17	38951996	0.78	0.7052	215.9	215.9	1.046	1.046	108	M
PCB-51 (C45)	23:17	38951996	0.78	0.7052	215.9	215.9	1.046	1.046	108	M
PCB-46	23:32	16546392	0.80	0.5909	109.4	109.4	1.248	1.248	109	
PCB-52	24:56	21422167	0.79	0.8488	98.6	98.6	0.8688	0.8688	98.64	
PCB-43	25:04	44032517	0.78	0.8936	192.6	192.6	0.8253	0.8253	96.30	M
PCB-73 (C43)	25:04	44032517	0.78	0.8936	192.6	192.6	0.8253	0.8253	96.30	M
PCB-49	25:20	50431041	0.79	0.8934	220.6	220.6	0.8254	0.8254	110	M
PCB-69 (C49)	25:20	50431041	0.79	0.8934	220.6	220.6	0.8254	0.8254	110	M
PCB-48	25:42	20054574	0.79	0.7506	104.4	104.4	0.9825	0.9825	104	
PCB-44	25:56	67706846	0.79	0.8388	315.5	315.5	0.8792	0.8792	105	
PCB-47 (C44)	25:56	67706846	0.79	0.8388	315.5	315.5	0.8792	0.8792	105	
PCB-65 (C44)	25:56	67706846	0.79	0.8388	315.5	315.5	0.8792	0.8792	105	
PCB-59	26:16	85548825	0.79	1.0042	333.0	333.0	0.7344	0.7344	111	
PCB-62 (C59)	26:16	85548825	0.79	1.0042	333.0	333.0	0.7344	0.7344	111	
PCB-75 (C59)	26:16	85548825	0.79	1.0042	333.0	333.0	0.7344	0.7344	111	
PCB-42	26:28	18316762	0.81	0.6874	104.1	104.1	1.073	1.073	104	
PCB-40	26:58	61778961	0.78	0.7618	317.0	317.0	0.9681	0.9681	106	M
PCB-41 (C40)	26:58	61778961	0.78	0.7618	317.0	317.0	0.9681	0.9681	106	M
PCB-71 (C40)	26:58	61778961	0.78	0.7618	317.0	317.0	0.9681	0.9681	106	M
PCB-64	27:10	27732237	0.79	1.0318	105.1	105.1	0.7148	0.7148	105	
PCB-72	27:59	31105773	0.80	1.1621	104.6	104.6	0.6346	0.6346	105	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-68	28:16	30536544	0.76	1.1249	106.1	106.1	0.6556	0.6556	106	
PCB-57	28:42	29441865	0.79	1.1107	103.6	103.6	0.6640	0.6640	104	
PCB-58	28:57	28797812	0.82	1.2848	87.6	87.6	0.5740	0.5740	87.60	
PCB-67	29:06	32797657	0.78	1.3274	96.6	96.6	0.5556	0.5556	96.57	
PCB-63	29:22	32345917	0.80	1.0648	118.7	118.7	0.6926	0.6926	119	
PCB-61	29:43	117975650	0.79	1.1549	399.3	399.3	0.6386	0.6386	99.81	
PCB-70 (C61)	29:43	117975650	0.79	1.1549	399.3	399.3	0.6386	0.6386	99.81	
PCB-74 (C61)	29:43	117975650	0.79	1.1549	399.3	399.3	0.6386	0.6386	99.81	
PCB-76 (C61)	29:43	117975650	0.79	1.1549	399.3	399.3	0.6386	0.6386	99.81	
PCB-66	30:02	32676224	0.80	1.2325	103.6	103.6	0.5983	0.5983	104	
PCB-55	30:13	27586613	0.80	1.2655	85.2	85.2	0.5828	0.5828	85.20	
PCB-56	30:44	29758265	0.79	1.2161	95.6	95.6	0.6064	0.6064	95.64	
PCB-60	30:56	28162599	0.80	1.0554	104.3	104.3	0.6988	0.6988	104	
PCB-80	31:19	33697272	0.79	1.2769	103.1	103.1	0.5775	0.5775	103	
PCB-79	32:52	38054141	0.79	1.4452	102.9	102.9	0.5103	0.5103	103	
PCB-78	33:25	31354256	0.78	1.2116	101.1	101.1	0.6086	0.6086	101	
PCB-81	33:52	32196154	0.77	1.0148	127.5	127.5	0.7391	0.7391	128	
PCB-77	34:27	30933125	0.79	1.0498	112.1	112.1	0.6909	0.6909	112	
S Total Pentachlorobiphenyls					4813.9	4813.9	0.3333	0.3333		
D PCB-104L	25:51	16441903	1.59	1.1880	102.9	102.9	0.0108	0.0108	103	
$ PCB-95L	28:50	6463138	1.56	0.6819	57.6	57.6	0.0144	0.0144	115	
* PCB-101L	31:45	13445936	1.59	1.2E+05	100.0	100.0				
$ PCB-111L	34:25	9450198	1.58	1.1801	59.6	59.6	0.0108	0.0108	119	
D PCB-123L	36:24	23437615	1.60	0.9399	104.3	104.3	0.8674	0.8674	104	
D PCB-118L	36:43	24804849	1.62	0.9794	105.9	105.9	0.8325	0.8325	106	
D PCB-114L	37:16	23807522	1.60	0.9767	101.9	101.9	0.8347	0.8347	102	
D PCB-105L	37:56	24020446	1.60	0.9600	104.6	104.6	0.8492	0.8492	105	
* PCB-127L	39:23	23918621	1.58	2.1E+05	100.0	100.0				
D PCB-126L	41:01	24121318	1.59	0.9554	105.6	105.6	0.8533	0.8533	106	
PCB-104	25:52	20111637	1.59	1.0054	121.7	121.7	0.0259	0.0259	122	
PCB-96	26:16	20335278	1.57	1.1511	107.4	107.4	0.0226	0.0226	107	
PCB-103	28:09	15983779	1.59	0.8327	116.8	116.8	0.0313	0.0313	117	
PCB-94	28:24	12837186	1.58	0.6950	112.3	112.3	0.0375	0.0375	112	
PCB-95	28:52	14966613	1.57	0.7922	114.9	114.9	0.0329	0.0329	115	
PCB-93	29:02	27660279	1.60	0.7830	214.9	214.9	0.0333	0.0333	107	
PCB-100 (C93)	29:02	27660279	1.60	0.7830	214.9	214.9	0.0333	0.0333	107	
PCB-98	29:12	27917514	1.59	0.9182	184.9	184.9	0.0284	0.0284	92.46	M
PCB-102 (C98)	29:12	27917514	1.59	0.9182	184.9	184.9	0.0284	0.0284	92.46	M
PCB-88	29:43	28460568	1.58	0.8023	215.8	215.8	0.0325	0.0325	108	
PCB-91 (C88)	29:43	28460568	1.58	0.8023	215.8	215.8	0.0325	0.0325	108	
PCB-84	29:58	12745784	1.59	0.6855	113.1	113.1	0.0380	0.0380	113	
PCB-89	30:25	14123830	1.61	0.8482	101.3	101.3	0.0307	0.0307	101	M
PCB-121	30:47	19943598	1.61	1.2839	94.5	94.5	0.0203	0.0203	94.48	M
PCB-92	31:11	14957904	1.59	0.7805	116.6	116.6	0.0334	0.0334	117	
PCB-90	31:45	49980217	1.56	0.9542	318.6	318.6	0.0273	0.0273	106	
PCB-101 (C90)	31:45	49980217	1.56	0.9542	318.6	318.6	0.0273	0.0273	106	
PCB-113 (C90)	31:45	49980217	1.56	0.9542	318.6	318.6	0.0273	0.0273	106	
PCB-83	32:21	29793410	1.63	0.8851	204.7	204.7	0.0294	0.0294	102	
PCB-99 (C83)	32:21	29793410	1.63	0.8851	204.7	204.7	0.0294	0.0294	102	
PCB-112	32:28	20672505	1.58	1.4150	88.9	88.9	0.0184	0.0184	88.85	
PCB-86	32:50	104007805	1.61	1.0283	615.2	615.2	0.0253	0.0253	103	M
PCB-87 (C86)	32:50	104007805	1.61	1.0283	615.2	615.2	0.0253	0.0253	103	M
PCB-97 (C86)	32:50	104007805	1.61	1.0283	615.2	615.2	0.0253	0.0253	103	M
PCB-109 (C86)	32:50	104007805	1.61	1.0283	615.2	615.2	0.0253	0.0253	103	M
PCB-119 (C86)	32:50	104007805	1.61	1.0283	615.2	615.2	0.0253	0.0253	103	M
PCB-125 (C86)	32:50	104007805	1.61	1.0283	615.2	615.2	0.0253	0.0253	103	M

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-85	33:34	53785958	1.58	1.0238	319.5	319.5	0.0254	0.0254	107	
PCB-116 (C85)	33:34	53785958	1.58	1.0238	319.5	319.5	0.0254	0.0254	107	
PCB-117 (C85)	33:34	53785958	1.58	1.0238	319.5	319.5	0.0254	0.0254	107	
PCB-110	33:47	39793118	1.58	1.3556	178.5	178.5	0.0192	0.0192	89.27	
PCB-115 (C110)	33:47	39793118	1.58	1.3556	178.5	178.5	0.0192	0.0192	89.27	
PCB-82	34:06	14325550	1.58	0.8520	102.3	102.3	0.0306	0.0306	102	
PCB-111	34:27	20797403	1.58	1.2217	103.5	103.5	0.0213	0.0213	104	
PCB-120	34:54	23609862	1.57	1.5157	94.7	94.7	0.0172	0.0172	94.74	
PCB-108	36:04	54183159	1.58	1.0910	206.6	206.6	0.9805	0.9805	103	
PCB-124 (C108)	36:04	54183159	1.58	1.0910	206.6	206.6	0.9805	0.9805	103	
PCB-107	36:19	30214324	1.57	1.2004	104.7	104.7	0.8912	0.8912	105	
PCB-123	36:25	26647600	1.57	1.0447	108.8	108.8	1.032	1.032	109	
PCB-106	36:32	28139592	1.58	1.1708	100.0	100.0	0.9137	0.9137	99.98	
PCB-118	36:45	26448322	1.56	1.0261	103.9	103.9	1.011	1.011	104	M
PCB-122	37:07	26077841	1.58	0.9264	117.1	117.1	1.155	1.155	117	
PCB-114	37:17	28043722	1.58	1.0927	107.8	107.8	0.995	0.995	108	
PCB-105	37:57	30721478	1.57	1.0755	118.9	118.9	0.9749	0.9749	119	
PCB-127	39:24	29566503	1.58	1.1835	103.9	103.9	0.9039	0.9039	104	M
PCB-126	41:02	30287062	1.58	1.2284	102.2	102.2	0.8960	0.8960	102	
S Total Hexachlorobiphenyls					4306.7	4306.7	1.376	1.376		
D PCB-155L	31:29	16156746	1.27	1.1357	105.8	105.8	0.0149	0.0149	106	
$ PCB-153L	38:35	8910129	1.27	0.8141	50.6	50.6	0.8424	0.8424	101	
* PCB-138L	39:51	16248134	1.28	1.5E+05	100.0	100.0				
D PCB-167L	42:51	21486397	1.27	1.2662	104.4	104.4	0.5693	0.5693	104	
D PCB-156L	44:01	42391982	1.28	1.2515	208.5	208.5	0.5760	0.5760	104	
D PCB-157L (C156L)	44:01	42391982	1.28	1.2515	208.5	208.5	0.5760	0.5760	104	
D PCB-169L	47:16	22580317	1.28	1.3070	106.3	106.3	0.5516	0.5516	106	
PCB-155	31:31	18176191	1.27	0.9289	121.1	121.1	0.0378	0.0378	121	
PCB-152	31:45	17747930	1.26	1.1242	97.7	97.7	0.0312	0.0312	97.71	
PCB-150	31:54	16565331	1.28	0.9966	102.9	102.9	0.0352	0.0352	103	
PCB-136	32:18	17589908	1.26	0.9632	113.0	113.0	0.0364	0.0364	113	
PCB-145	32:34	16226239	1.25	1.0775	93.2	93.2	0.0326	0.0326	93.21	
PCB-148	34:03	13020612	1.25	0.7376	109.3	109.3	0.0476	0.0476	109	
PCB-135	34:40	24479186	1.27	0.7414	204.4	204.4	0.0473	0.0473	102	M
PCB-151 (C135)	34:40	24479186	1.27	0.7414	204.4	204.4	0.0473	0.0473	102	M
PCB-154	34:54	14813846	1.25	0.8223	111.5	111.5	0.0427	0.0427	112	
PCB-144	35:14	13367671	1.28	0.7371	112.2	112.2	0.0476	0.0476	112	
PCB-147	35:36	34729134	1.26	0.8634	186.1	186.1	1.953	1.953	93.05	
PCB-149 (C147)	35:36	34729134	1.26	0.8634	186.1	186.1	1.953	1.953	93.05	
PCB-134	35:54	30659292	1.25	0.6812	208.2	208.2	2.475	2.475	104	
PCB-143 (C134)	35:54	30659292	1.25	0.6812	208.2	208.2	2.475	2.475	104	
PCB-139	36:12	34944266	1.26	0.8381	192.9	192.9	2.011	2.011	96.44	
PCB-140 (C139)	36:12	34944266	1.26	0.8381	192.9	192.9	2.011	2.011	96.44	
PCB-131	36:24	14258523	1.24	0.6856	96.2	96.2	2.459	2.459	96.22	
PCB-142	36:33	15490404	1.26	0.6760	106.0	106.0	2.494	2.494	106	
PCB-132	36:54	14926444	1.25	0.7063	97.8	97.8	2.387	2.387	97.77	
PCB-133	37:21	17121523	1.25	0.7770	101.9	101.9	2.170	2.170	102	
PCB-165	37:45	21196545	1.29	0.9584	102.3	102.3	1.759	1.759	102	
PCB-146	38:00	19452359	1.25	0.9163	98.2	98.2	1.840	1.840	98.21	
PCB-161	38:08	24294648	1.26	1.1406	98.5	98.5	1.478	1.478	98.55	
PCB-153	38:38	44533593	1.26	1.0468	196.8	196.8	1.610	1.610	98.41	
PCB-168 (C153)	38:38	44533593	1.26	1.0468	196.8	196.8	1.610	1.610	98.41	
PCB-141	38:50	17121120	1.26	0.7580	104.5	104.5	2.224	2.224	104	M
PCB-130	39:14	15905488	1.26	0.6356	115.8	115.8	2.652	2.652	116	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-137	39:27	16683112	1.25	0.7533	102.5	102.5	2.238	2.238	102	
PCB-164	39:35	23276090	1.26	1.1173	96.4	96.4	1.509	1.509	96.38	
PCB-129	39:54	78076806	1.25	0.8826	409.3	409.3	1.910	1.910	102	M
PCB-138 (C129)	39:54	78076806	1.25	0.8826	409.3	409.3	1.910	1.910	102	M
PCB-160 (C129)	39:54	78076806	1.25	0.8826	409.3	409.3	1.910	1.910	102	M
PCB-163 (C129)	39:54	78076806	1.25	0.8826	409.3	409.3	1.910	1.910	102	M
PCB-158	40:16	26279327	1.25	1.1331	107.3	107.3	1.488	1.488	107	M
PCB-128	41:06	40781130	1.25	0.9522	198.1	198.1	1.770	1.770	99.07	
PCB-166 (C128)	41:06	40781130	1.25	0.9522	198.1	198.1	1.770	1.770	99.07	
PCB-159	42:06	25860408	1.25	1.3072	91.5	91.5	1.290	1.290	91.53	
PCB-162	42:24	23478368	1.25	1.0935	99.3	99.3	1.542	1.542	99.34	M
PCB-167	42:53	27006738	1.25	1.1098	113.3	113.3	1.218	1.218	113	a
PCB-156	44:02	49434522	1.26	1.0713	217.7	217.7	2.110	2.110	109	M
PCB-157 (C156)	44:02	49434522	1.26	1.0713	217.7	217.7	2.110	2.110	109	M
PCB-169	47:18	27848652	1.28	1.2249	100.7	100.7	1.092	1.092	101	
S Total Heptachlorobiphenyls					2508.2	2508.2	0.0458	0.0458		
D PCB-188L	37:13	16987617	1.06	1.2605	101.0	101.0	0.0140	0.0140	101	
$ PCB-178L	40:17	6451956	1.08	0.8365	57.8	57.8	0.0211	0.0211	116	
* PCB-180L	45:24	13343311	1.06	1.2E+05	100.0	100.0				
D PCB-170L	46:41	11265468	1.06	0.8524	99.0	99.0	0.0208	0.0208	99.05	
D PCB-189L	49:47	27667633	1.04	1.4740	104.8	104.8	0.0919	0.0919	105	
PCB-188	37:15	19816840	1.05	1.0534	110.7	110.7	0.0344	0.0344	111	
PCB-179	37:37	19947344	1.05	1.4009	100.8	100.8	0.0318	0.0318	101	
PCB-184	38:06	19462298	1.05	1.2996	106.0	106.0	0.0343	0.0343	106	
PCB-176	38:30	19524446	1.03	1.1987	115.3	115.3	0.0371	0.0371	115	
PCB-186	38:57	18083484	1.06	1.4715	87.0	87.0	0.0303	0.0303	87.00	
PCB-178	40:19	14039969	1.04	0.8813	112.8	112.8	0.0505	0.0505	113	
PCB-175	40:57	14689028	1.06	0.9040	115.0	115.0	0.0493	0.0493	115	
PCB-187	41:13	14807993	1.04	1.1524	91.0	91.0	0.0386	0.0386	90.96	
PCB-182	41:25	14716121	1.06	1.1052	94.3	94.3	0.0403	0.0403	94.26	
PCB-183	41:50	28925348	1.06	0.9716	210.8	210.8	0.0458	0.0458	105	M
PCB-185 (C183)	41:50	28925348	1.06	0.9716	210.8	210.8	0.0458	0.0458	105	M
PCB-174	42:05	14319246	1.06	0.9981	101.6	101.6	0.0446	0.0446	102	
PCB-177	42:31	14259923	1.05	0.9612	105.0	105.0	0.0463	0.0463	105	
PCB-181	42:54	13832918	1.04	1.0577	92.6	92.6	0.0421	0.0421	92.58	
PCB-171	43:08	26758879	1.05	0.8964	211.3	211.3	0.0497	0.0497	106	
PCB-173 (C171)	43:08	26758879	1.05	0.8964	211.3	211.3	0.0497	0.0497	106	
PCB-172	44:46	13998931	1.05	0.9283	106.8	106.8	0.0480	0.0480	107	
PCB-192	45:02	17513776	1.05	1.4131	87.7	87.7	0.0315	0.0315	87.74	
PCB-180	45:23	33994708	1.05	1.1677	206.1	206.1	0.0381	0.0381	103	
PCB-193 (C180)	45:23	33994708	1.05	1.1677	206.1	206.1	0.0381	0.0381	103	
PCB-191	45:46	20479406	1.05	1.2698	114.2	114.2	0.0351	0.0351	114	
PCB-170	46:42	14384079	1.05	1.0923	116.9	116.9	0.0530	0.0530	117	
PCB-190	47:13	20273134	1.03	1.3003	110.4	110.4	0.0342	0.0342	110	M
PCB-189	49:49	31460513	1.04	1.0146	112.1	112.1	0.1478	0.1478	112	
S Total Octachlorobiphenyls					1800.1	1800.1	0.0785	0.0785		
D PCB-202L	42:36	15134461	0.91	1.0390	109.2	109.2	0.0154	0.0154	109	
* PCB-194L	51:53	17907746	0.92	1.5E+05	100.0	100.0				
D PCB-205L	52:22	22281486	0.90	1.2166	102.3	102.3	0.0510	0.0510	102	
PCB-202	42:38	22966529	0.90	1.0078	150.6	150.6	0.0468	0.0468	100	
PCB-201	43:33	24943215	0.92	0.9580	172.0	172.0	0.0493	0.0493	115	
PCB-204	44:12	24692500	0.91	1.1119	146.7	146.7	0.0424	0.0424	97.82	
PCB-197	44:27	23594782	0.90	1.0487	148.7	148.7	0.0450	0.0450	99.11	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-200	44:35	25384308	0.90	0.9671	173.4	173.4	0.0488	0.0488	116	
PCB-198	47:20	35002829	0.90	0.8830	261.9	261.9	0.0534	0.0534	87.31	
PCB-199 (C198)	47:20	35002829	0.90	0.8830	261.9	261.9	0.0534	0.0534	87.31	
PCB-196	48:02	18974795	0.90	0.7882	159.1	159.1	0.0599	0.0599	106	
PCB-203	48:13	19477203	0.89	0.9704	132.6	132.6	0.0486	0.0486	88.41	
PCB-195	49:34	27656895	0.89	0.8289	149.7	149.7	0.1782	0.1782	99.83	
PCB-194	51:55	31059190	0.90	0.9255	150.6	150.6	0.1596	0.1596	100	
PCB-205	52:22	38837615	0.90	1.1267	154.7	154.7	0.1311	0.1311	103	
S Total Nonachlorobiphenyls					458.8	458.8	0.2181	0.2181		
D PCB-208L	49:17	18653334	0.81	1.0234	101.8	101.8	0.1471	0.1471	102	
D PCB-206L	54:05	13510383	0.80	0.7298	103.4	103.4	0.2062	0.2062	103	
PCB-208	49:19	31292396	0.78	1.0457	160.4	160.4	0.2101	0.2101	107	
PCB-207	50:14	31433193	0.78	1.2328	158.5	158.5	0.2057	0.2057	106	
PCB-206	54:07	23749820	0.79	1.2570	139.8	139.8	0.2385	0.2385	93.23	
D PCB-209L	55:41	13726124	0.73	0.7565	101.3	101.3	0.0375	0.0375	101	
DCB Decachlorobiphenyl	55:42	24451946	0.71	1.0418	171.0	171.0	0.0323	0.0323	114	
S Polychlorinated biphenyls, Total					20293	20293	0.3795	0.3795		

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

61MX209ICVS_00004 Amount Added: 20.00 Units: uL

Eurofins TestAmerica, Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 08-Oct-2021 19:20:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0020903-007
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist:

Method: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 09-Oct-2021 20:35:02 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1646

First Level Reviewer: davidsonm Date: 09-Oct-2021 20:35:02

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:47	11:46	-2	0.730	24931637	10203619	5347	13367	1908		
202.0766	11:47	11:46	-2	0.730	7847472	3187806	1895	4737	1682	3.18(2.66-3.60)	
PCB-3L											
200.0795	13:56	13:55	-2	0.864	26047974	8950993	5347	13367	1674		
202.0766	13:56	13:55	-2	0.864	8002097	2742941	1895	4737	1447	3.26(2.66-3.60)	
PCB-1											
188.0393	11:47	11:47	-2	1.001	14533446	5888607	6327	15817	931		
190.0363	11:47	11:47	-2	1.001	4579169	1838489	2246	5615	819	3.17(2.66-3.60)	
PCB-2											
188.0393	13:46	13:47	-2	0.988	15420825	5228224	6327	15817	826		
190.0363	13:46	13:47	-2	0.988	4862533	1650191	2246	5615	735	3.17(2.66-3.60)	
PCB-3											
188.0393	13:57	13:57	-2	1.001	15018932	5074377	6327	15817	802		
190.0363	13:57	13:57	-2	1.001	4758591	1604153	2246	5615	714	3.16(2.66-3.60)	
PCB-4L											
234.0406	14:11	14:11	-2	0.879	9069740	2902668	843	2107	3443		
236.0376	14:11	14:11	-2	0.879	5733670	1845549	305	762	6051	1.58(1.33-1.79)	
PCB-9L											
234.0406	16:08	16:10	-3		14194683	4217600	843	2107	5003		
236.0376	16:08	16:10	-3		8771042	2639617	305	762	8654	1.62(1.33-1.79)	
PCB-8L											
234.0406	16:58	16:58	-3	1.197	7543061	2062933	843	2107	2447		
236.0376	16:58	16:58	-3	1.197	4692915	1322606	305	762	4336	1.61(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-15L											
234.0406	20:04	20:03	-3	1.244	16477122	4030799	843	2107	4781		
236.0376	20:04	20:03	-3	1.244	10046429	2490625	305	762	8166	1.64(1.33-1.79)	
PCB-4											
222.0003	14:13	14:12	-2	1.002	5491600	1785299	166	415	10755		
223.9974	14:13	14:12	-2	1.002	3427661	1112896	184	460	6048	1.60(1.33-1.79)	
PCB-10											
222.0003	14:22	14:22	-2	1.013	8455902	2840072	166	415	17109		
223.9974	14:22	14:22	-2	1.013	5396131	1794471	184	460	9753	1.57(1.33-1.79)	
PCB-9											
222.0003	16:09	16:08	-3	1.138	8977938	2636906	166	415	15885		
223.9974	16:09	16:08	-3	1.138	5626354	1667986	184	460	9065	1.60(1.33-1.79)	
PCB-7											
222.0003	16:19	16:18	-2	1.150	8449774	2404232	166	415	14483		
223.9974	16:19	16:18	-2	1.150	5396849	1513231	184	460	8224	1.57(1.33-1.79)	
PCB-6											
222.0003	16:34	16:33	-3	1.168	9211492	2614688	166	415	15751		
223.9974	16:34	16:33	-3	1.168	5791980	1653190	184	460	8985	1.59(1.33-1.79)	
PCB-5											
222.0003	16:52	16:52	-3	1.189	7840472	2241493	166	415	13503		
223.9974	16:52	16:52	-3	1.189	4952781	1409375	184	460	7660	1.58(1.33-1.79)	
PCB-8											
222.0003	17:00	16:59	-3	1.199	9439540	2560012	166	415	15422		
223.9974	17:00	16:59	-3	1.199	5970971	1631007	184	460	8864	1.58(1.33-1.79)	
PCB-14											
222.0003	18:35	18:36	-3	0.927	9253462	2394553	166	415	14425		
223.9974	18:35	18:36	-3	0.927	5813978	1519412	184	460	8258	1.59(1.33-1.79)	
PCB-11											
222.0003	19:27	19:27	-3	0.970	8771455	2243425	166	415	13515		
223.9974	19:27	19:27	-3	0.970	5545812	1425024	184	460	7745	1.58(1.33-1.79)	
PCB-12											
222.0003	19:46	19:46	-3	0.985	17445073	3051889	166	415	18385		
223.9974	19:46	19:46	-3	0.985	10948802	1927460	184	460	10475	1.59(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:46	19:46	-3	0.985	17445073	3051889	166	415	18385		
223.9974	19:46	19:46	-3	0.985	10948802	1927460	184	460	10475	1.59(1.33-1.79)	
PCB-15											
222.0003	20:05	20:05	-3	1.001	10105950	2397181	166	415	14441		
223.9974	20:05	20:05	-3	1.001	6311042	1508806	184	460	8200	1.60(1.33-1.79)	
PCB-19L											
268.0016	17:17	17:17	-3	0.842	5268300	1460271	1287	3217	1135		
269.9986	17:17	17:17	-3	0.842	4918960	1368454	1226	3065	1116	1.07(0.88-1.20)	
PCB-32L											
268.0016	20:31	20:35	-3		8334796	2067704	1287	3217	1607		
269.9986	20:31	20:35	-3		7756073	1936548	1226	3065	1580	1.07(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31L											
268.0016	22:47	22:50	-3		18245195	4323392	1914	4785	2259		
269.9986	22:47	22:50	-3		17308953	4086689	1462	3655	2795	1.05(0.88-1.20)	
PCB-28L											
268.0016	23:04	23:04	-3	1.013	9674455	2218143	1914	4785	1159		
269.9986	23:04	23:04	-3	1.013	9118168	2094826	1462	3655	1433	1.06(0.88-1.20)	
PCB-37L											
268.0016	27:06	27:06	-3	1.190	16994353	3551098	1914	4785	1855		
269.9986	27:06	27:06	-3	1.190	15898836	3327563	1462	3655	2276	1.07(0.88-1.20)	
PCB-19											
255.9613	17:19	17:19	-3	1.002	3170294	859958	186	465	4623		
257.9584	17:19	17:19	-3	1.002	3005828	808810	127	317	6369	1.05(0.88-1.20)	
PCB-18											M
255.9613	19:05	19:05	-3	1.104	8285178	1353315	186	465	7276		M
257.9584	19:05	19:05	-3	1.104	7686813	1261405	127	317	9932	1.08(0.88-1.20)	M
PCB-30 (C18)											M
255.9613	19:05	19:05	-3	1.104	8285178	1353315	186	465	7276		M
257.9584	19:05	19:05	-3	1.104	7686813	1261405	127	317	9932	1.08(0.88-1.20)	M
PCB-17											
255.9613	19:34	19:34	-3	1.132	3407447	873091	186	465	4694		
257.9584	19:34	19:34	-3	1.132	3245027	830057	127	317	6536	1.05(0.88-1.20)	
PCB-27											
255.9613	19:47	19:48	-3	1.145	5118495	1327281	186	465	7136		
257.9584	19:47	19:48	-3	1.145	4816863	1226457	127	317	9657	1.06(0.88-1.20)	
PCB-24											
255.9613	19:54	19:55	-3	1.152	4480860	1150293	186	465	6184		
257.9584	19:54	19:55	-3	1.152	4188034	1087545	127	317	8563	1.07(0.88-1.20)	
PCB-16											
255.9613	20:02	20:03	-3	1.159	3085851	733061	186	465	3941		
257.9584	20:02	20:03	-3	1.159	2931872	696090	127	317	5481	1.05(0.88-1.20)	
PCB-32											
255.9613	20:33	20:33	-3	1.189	5416446	1347924	186	465	7247		
257.9584	20:33	20:33	-3	1.189	5194725	1266788	127	317	9975	1.04(0.88-1.20)	
PCB-34											
255.9613	21:47	21:48	-3	1.261	9548536	2363982	15563	38907	152		
257.9584	21:47	21:48	-3	1.261	9076758	2259334	12590	31475	179	1.05(0.88-1.20)	
PCB-23											
255.9613	21:56	21:56	-3	1.269	8744150	2171770	15563	38907	140		
257.9584	21:56	21:56	-3	1.269	8412209	2061813	12590	31475	164	1.04(0.88-1.20)	
PCB-26											
255.9613	22:15	22:15	-3	1.287	19710694	4573882	15563	38907	294		
257.9584	22:15	22:15	-3	1.287	18737465	4366256	12590	31475	347	1.05(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:15	22:15	-3	1.287	19710694	4573882	15563	38907	294		
257.9584	22:15	22:15	-3	1.287	18737465	4366256	12590	31475	347	1.05(0.88-1.20)	

Report Date: 09-Oct-2021 20:35:02 Chrom Revision: 2.3 22-Sep-2021 15:38:46
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											
255.9613	22:29	22:29	-3	0.829	9973661	2096841	15563	38907	135		
257.9584	22:29	22:29	-3	0.829	9589324	1983094	12590	31475	158	1.04(0.88-1.20)	
PCB-31											
255.9613	22:48	22:49	-3	0.841	10517636	2557354	15563	38907	164		
257.9584	22:48	22:49	-3	0.841	10171047	2451248	12590	31475	195	1.03(0.88-1.20)	
PCB-20											
255.9613	23:07	23:07	-3	0.853	18676179	3051618	15563	38907	196		
257.9584	23:07	23:07	-3	0.853	17883992	2890026	12590	31475	230	1.04(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:07	23:07	-3	0.853	18676179	3051618	15563	38907	196		
257.9584	23:07	23:07	-3	0.853	17883992	2890026	12590	31475	230	1.04(0.88-1.20)	
PCB-21											M
255.9613	23:20	23:20	1	0.861	20334624	2438058	15563	38907	157		M
257.9584	23:20	23:20	1	0.861	19962091	2354221	12590	31475	187	1.02(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:20	23:20	1	0.861	20334624	2438058	15563	38907	157		M
257.9584	23:20	23:20	1	0.861	19962091	2354221	12590	31475	187	1.02(0.88-1.20)	M
PCB-22											M
255.9613	23:45	23:45	-3	0.876	8962426	2094480	15563	38907	135		M
257.9584	23:45	23:45	-3	0.876	8780473	1988791	12590	31475	158	1.02(0.88-1.20)	
PCB-36											M
255.9613	25:17	25:17	-3	0.933	11224319	2308103	15563	38907	148		M
257.9584	25:17	25:17	-3	0.933	10083834	2215212	12590	31475	176	1.11(0.88-1.20)	M
PCB-39											
255.9613	25:39	25:40	-4	0.946	10291656	2231266	15563	38907	143		
257.9584	25:39	25:40	-4	0.946	9834552	2143824	12590	31475	170	1.05(0.88-1.20)	
PCB-38											
255.9613	26:13	26:13	-3	0.967	10508928	2266574	15563	38907	146		
257.9584	26:13	26:13	-3	0.967	10100713	2199897	12590	31475	175	1.04(0.88-1.20)	
PCB-35											M
255.9613	26:43	26:43	-3	0.985	9724220	2192005	15563	38907	141		M
257.9584	26:43	26:43	-3	0.985	9433066	2074709	12590	31475	165	1.03(0.88-1.20)	M
PCB-37											
255.9613	27:07	27:08	-4	1.000	10173992	2128784	15563	38907	137		
257.9584	27:07	27:08	-4	1.000	9864118	2051653	12590	31475	163	1.03(0.88-1.20)	
PCB-54L											
301.9626	20:23	20:23	-3	0.818	5216584	1281616	239	597	5362		
303.9597	20:22	20:23	-3	0.817	6405126	1560544	36	90	43348	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:55	24:58	-3		8135938	1843268	3088	7720	597		
303.9597	24:55	24:58	-3		10118580	2267101	3700	9250	613	0.80(0.65-0.89)	
PCB-79L											
301.9626	32:50	32:51	-3	0.970	5969561	1249480	3088	7720	405		
303.9597	32:50	32:51	-3	0.970	7515965	1557320	3700	9250	421	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-81L											
301.9626	33:51	33:50	-3	1.359	11111777	2242942	3088	7720	726		
303.9597	33:51	33:50	-3	1.359	13765500	2754420	3700	9250	744	0.81(0.65-0.89)	
PCB-77L											
301.9626	34:26	34:25	-3	1.382	11742792	2306485	3088	7720	747		
303.9597	34:26	34:25	-3	1.382	14551617	2861409	3700	9250	773	0.81(0.65-0.89)	
PCB-54											
289.9224	20:23	20:27	-3	1.000	6398370	1598620	159	397	10054		
291.9194	20:23	20:27	-3	1.000	8423881	2142508	191	477	11217	0.76(0.65-0.89)	
PCB-50											
289.9224	22:33	22:33	-3	1.106	18002721	4352450	7075	17687	615		
291.9194	22:33	22:33	-3	1.106	22779643	5524016	7918	19795	698	0.79(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:33	22:33	-3	1.106	18002721	4352450	7075	17687	615		
291.9194	22:33	22:33	-3	1.106	22779643	5524016	7918	19795	698	0.79(0.65-0.89)	
PCB-45											M
289.9224	23:17	23:17	-3	1.142	17100454	2223588	7075	17687	314		M
291.9194	23:17	23:17	-3	1.142	21851542	2830806	7918	19795	358	0.78(0.65-0.89)	M
PCB-51 (C45)											M
289.9224	23:17	23:17	-3	1.142	17100454	2223588	7075	17687	314		M
291.9194	23:17	23:17	-3	1.142	21851542	2830806	7918	19795	358	0.78(0.65-0.89)	M
PCB-46											
289.9224	23:32	23:33	-4	1.155	7345808	1725500	7075	17687	244		
291.9194	23:32	23:33	-4	1.155	9200584	2148951	7918	19795	271	0.80(0.65-0.89)	
PCB-52											
289.9224	24:56	24:57	-4	1.223	9484580	2210267	7075	17687	312		
291.9194	24:56	24:57	-4	1.223	11937587	2824251	7918	19795	357	0.79(0.65-0.89)	
PCB-43											M
289.9224	25:04	25:04	-3	1.230	19313157	2716234	7075	17687	384		M
291.9194	25:04	25:04	-3	1.230	24719360	3441299	7918	19795	435	0.78(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:04	25:04	-3	1.230	19313157	2716234	7075	17687	384		M
291.9194	25:04	25:04	-3	1.230	24719360	3441299	7918	19795	435	0.78(0.65-0.89)	M
PCB-49											M
289.9224	25:20	25:20	-4	1.244	22205799	2786898	7075	17687	394		M
291.9194	25:20	25:20	-4	1.244	28225242	3561388	7918	19795	450	0.79(0.65-0.89)	M
PCB-69 (C49)											M
289.9224	25:20	25:20	-4	1.244	22205799	2786898	7075	17687	394		M
291.9194	25:20	25:20	-4	1.244	28225242	3561388	7918	19795	450	0.79(0.65-0.89)	M
PCB-48											
289.9224	25:42	25:42	-3	1.261	8853147	2010828	7075	17687	284		
291.9194	25:42	25:42	-3	1.261	11201427	2560706	7918	19795	323	0.79(0.65-0.89)	
PCB-44											
289.9224	25:56	25:56	-3	1.273	29886453	5820452	7075	17687	823		
291.9194	25:56	25:56	-3	1.273	37820393	7375082	7918	19795	931	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-47 (C44)											
289.9224	25:56	25:56	-3	1.273	29886453	5820452	7075	17687	823		
291.9194	25:56	25:56	-3	1.273	37820393	7375082	7918	19795	931	0.79(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:56	25:56	-3	1.273	29886453	5820452	7075	17687	823		
291.9194	25:56	25:56	-3	1.273	37820393	7375082	7918	19795	931	0.79(0.65-0.89)	
PCB-59											
289.9224	26:16	26:16	-3	1.289	37804686	6143060	7075	17687	868		
291.9194	26:16	26:16	-3	1.289	47744139	7786317	7918	19795	983	0.79(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:16	26:16	-3	1.289	37804686	6143060	7075	17687	868		
291.9194	26:16	26:16	-3	1.289	47744139	7786317	7918	19795	983	0.79(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:16	26:16	-3	1.289	37804686	6143060	7075	17687	868		
291.9194	26:16	26:16	-3	1.289	47744139	7786317	7918	19795	983	0.79(0.65-0.89)	
PCB-42											
289.9224	26:28	26:28	-3	1.299	8177112	1794899	7075	17687	254		
291.9194	26:28	26:28	-3	1.299	10139650	2235739	7918	19795	282	0.81(0.65-0.89)	
PCB-40											M
289.9224	26:58	26:58	-3	1.323	27133556	4342233	7075	17687	614		
291.9194	26:58	26:58	-3	1.323	34645405	5480218	7918	19795	692	0.78(0.65-0.89)	M
PCB-41 (C40)											M
289.9224	26:58	26:58	-3	1.323	27133556	4342233	7075	17687	614		
291.9194	26:58	26:58	-3	1.323	34645405	5480218	7918	19795	692	0.78(0.65-0.89)	M
PCB-71 (C40)											M
289.9224	26:58	26:58	-3	1.323	27133556	4342233	7075	17687	614		
291.9194	26:58	26:58	-3	1.323	34645405	5480218	7918	19795	692	0.78(0.65-0.89)	M
PCB-64											
289.9224	27:10	27:11	-4	1.333	12280932	2673857	7075	17687	378		
291.9194	27:10	27:11	-4	1.333	15451305	3389605	7918	19795	428	0.79(0.65-0.89)	
PCB-72											
289.9224	27:59	28:00	-3	0.827	13840069	3046637	7075	17687	431		
291.9194	27:59	28:00	-3	0.827	17265704	3859235	7918	19795	487	0.80(0.65-0.89)	
PCB-68											
289.9224	28:16	28:17	-4	0.835	13161240	2797707	7075	17687	395		
291.9194	28:16	28:17	-4	0.835	17375304	3536492	7918	19795	447	0.76(0.65-0.89)	
PCB-57											
289.9224	28:42	28:43	-4	0.848	13014393	2884499	7075	17687	408		
291.9194	28:42	28:43	-4	0.848	16427472	3639077	7918	19795	460	0.79(0.65-0.89)	
PCB-58											
289.9224	28:57	28:57	-3	0.855	12960838	2657932	7075	17687	376		
291.9194	28:57	28:57	-3	0.855	15836974	3308357	7918	19795	418	0.82(0.65-0.89)	
PCB-67											
289.9224	29:06	29:07	-3	0.860	14330383	2928680	7075	17687	414		
291.9194	29:06	29:07	-3	0.860	18467274	3727880	7918	19795	471	0.78(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-63											
289.9224	29:22	29:23	-3	0.868	14365313	2961355	7075	17687	419		
291.9194	29:22	29:23	-3	0.868	17980604	3727333	7918	19795	471	0.80(0.65-0.89)	
PCB-61											
289.9224	29:43	29:44	-4	0.878	51963671	6268508	7075	17687	886		
291.9194	29:43	29:44	-4	0.878	66011979	8018402	7918	19795	1013	0.79(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:43	29:44	-4	0.878	51963671	6268508	7075	17687	886		
291.9194	29:43	29:44	-4	0.878	66011979	8018402	7918	19795	1013	0.79(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:43	29:44	-4	0.878	51963671	6268508	7075	17687	886		
291.9194	29:43	29:44	-4	0.878	66011979	8018402	7918	19795	1013	0.79(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:43	29:44	-4	0.878	51963671	6268508	7075	17687	886		
291.9194	29:43	29:44	-4	0.878	66011979	8018402	7918	19795	1013	0.79(0.65-0.89)	
PCB-66											
289.9224	30:02	30:03	-4	0.887	14515460	2947338	7075	17687	417		
291.9194	30:02	30:03	-4	0.887	18160764	3722375	7918	19795	470	0.80(0.65-0.89)	
PCB-55											
289.9224	30:13	30:13	-3	0.893	12231609	2554634	7075	17687	361		
291.9194	30:13	30:13	-3	0.893	15355004	3228451	7918	19795	408	0.80(0.65-0.89)	
PCB-56											
289.9224	30:44	30:45	-4	0.908	13159570	2782551	7075	17687	393		
291.9194	30:44	30:45	-4	0.908	16598695	3558677	7918	19795	449	0.79(0.65-0.89)	
PCB-60											
289.9224	30:56	30:57	-4	0.914	12500891	2643373	7075	17687	374		
291.9194	30:56	30:57	-4	0.914	15661708	3311670	7918	19795	418	0.80(0.65-0.89)	
PCB-80											
289.9224	31:19	31:19	-3	0.925	14872908	3073321	7075	17687	434		
291.9194	31:18	31:19	-4	0.925	18824364	3900096	7918	19795	493	0.79(0.65-0.89)	
PCB-79											
289.9224	32:52	32:52	-3	0.971	16839380	3270606	7075	17687	462		
291.9194	32:51	32:52	-4	0.970	21214761	4111641	7918	19795	519	0.79(0.65-0.89)	
PCB-78											
289.9224	33:25	33:26	-4	0.987	13711513	2810162	7075	17687	397		
291.9194	33:25	33:26	-4	0.987	17642743	3596448	7918	19795	454	0.78(0.65-0.89)	
PCB-81											
289.9224	33:52	33:53	-4	1.000	14040111	2826031	7075	17687	399		
291.9194	33:52	33:53	-4	1.000	18156043	3576842	7918	19795	452	0.77(0.65-0.89)	
PCB-77											
289.9224	34:27	34:27	-4	1.000	13644363	2736579	7075	17687	387		
291.9194	34:27	34:27	-4	1.000	17288762	3411441	7918	19795	431	0.79(0.65-0.89)	
PCB-104L											
337.9207	25:51	25:52	-3	0.814	10088544	2275015	78	195	29167		
339.9178	25:51	25:52	-3	0.814	6353359	1418862	67	167	21177	1.59(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-95L											
337.9207	28:50	28:50	-3	1.115	3938190	852617	78	195	10931		
339.9178	28:50	28:50	-3	1.115	2524948	551010	67	167	8224	1.56(1.32-1.78)	
PCB-101L											
337.9207	31:45	31:49	-3		8255448	1727372	78	195	22146		
339.9178	31:45	31:49	-3		5190488	1100976	67	167	16432	1.59(1.32-1.78)	
PCB-111L											
337.9207	34:25	34:26	-4	1.084	5794231	1205410	78	195	15454		
339.9178	34:25	34:26	-4	1.084	3655967	768774	67	167	11474	1.58(1.32-1.78)	
PCB-123L											
337.9207	36:24	36:24	-3	1.147	14406532	2920344	10185	25462	287		
339.9178	36:24	36:24	-4	1.146	9031083	1835315	5531	13827	332	1.60(1.32-1.78)	
PCB-118L											
337.9207	36:43	36:43	-4	1.156	15322521	3036158	10185	25462	298		
339.9178	36:43	36:43	-4	1.156	9482328	1905449	5531	13827	345	1.62(1.32-1.78)	
PCB-114L											
337.9207	37:16	37:16	-4	1.173	14665879	2916511	10185	25462	286		
339.9178	37:16	37:16	-4	1.173	9141643	1797738	5531	13827	325	1.60(1.32-1.78)	
PCB-105L											
337.9207	37:56	37:56	-4	1.195	14767276	3007228	10185	25462	295		
339.9178	37:56	37:56	-4	1.195	9253170	1881444	5531	13827	340	1.60(1.32-1.78)	
PCB-127L											
337.9207	39:23	39:27	-4		14650272	2962815	10185	25462	291		
339.9178	39:23	39:27	-4		9268349	1856250	5531	13827	336	1.58(1.32-1.78)	
PCB-126L											
337.9207	41:01	41:01	-4	1.292	14824238	2866883	10185	25462	281		
339.9178	41:01	41:01	-4	1.292	9297080	1790226	5531	13827	324	1.59(1.32-1.78)	
PCB-104											
325.8804	25:52	25:53	-4	1.000	12333115	2768681	204	510	13572		
327.8775	25:52	25:53	-4	1.000	7778522	1728593	181	452	9550	1.59(1.32-1.78)	
PCB-96											
325.8804	26:16	26:16	-3	1.016	12437574	2779870	204	510	13627		
327.8775	26:16	26:16	-3	1.016	7897704	1746325	181	452	9648	1.57(1.32-1.78)	
PCB-103											
325.8804	28:09	28:10	-4	1.089	9818765	2164913	204	510	10612		
327.8775	28:09	28:10	-4	1.089	6165014	1350147	181	452	7459	1.59(1.32-1.78)	
PCB-94											
325.8804	28:24	28:24	-4	1.099	7869176	1663598	204	510	8155		
327.8775	28:24	28:24	-4	1.099	4968010	1051195	181	452	5808	1.58(1.32-1.78)	
PCB-95											
325.8804	28:52	28:51	-3	1.116	9147617	1977445	204	510	9693		
327.8775	28:52	28:51	-3	1.116	5818996	1267407	181	452	7002	1.57(1.32-1.78)	
PCB-93											
325.8804	29:02	29:03	-4	1.123	17038110	2848745	204	510	13964		
327.8775	29:02	29:03	-4	1.123	10622169	1785552	181	452	9865	1.60(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-100 (C93)											
325.8804	29:02	29:03	-4	1.123	17038110	2848745	204	510	13964		
327.8775	29:02	29:03	-4	1.123	10622169	1785552	181	452	9865	1.60(1.32-1.78)	
PCB-98											M
325.8804	29:12	29:12	-4	1.130	17149991	2059960	204	510	10098		M
327.8775	29:12	29:12	-4	1.130	10767523	1302883	181	452	7198	1.59(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:12	29:12	-4	1.130	17149991	2059960	204	510	10098		M
327.8775	29:12	29:12	-4	1.130	10767523	1302883	181	452	7198	1.59(1.32-1.78)	M
PCB-88											
325.8804	29:43	29:43	-3	1.150	17428973	1873312	204	510	9183		
327.8775	29:43	29:43	-3	1.150	11031595	1207064	181	452	6669	1.58(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:43	29:43	-3	1.150	17428973	1873312	204	510	9183		
327.8775	29:43	29:43	-3	1.150	11031595	1207064	181	452	6669	1.58(1.32-1.78)	
PCB-84											
325.8804	29:58	29:57	-3	1.159	7819966	1602846	204	510	7857		
327.8775	29:58	29:57	-3	1.159	4925818	1008165	181	452	5570	1.59(1.32-1.78)	
PCB-89											M
325.8804	30:25	30:26	-4	1.177	8715663	1771915	204	510	8686		M
327.8775	30:25	30:26	-4	1.177	5408167	1128857	181	452	6237	1.61(1.32-1.78)	
PCB-121											M
325.8804	30:47	30:47	-4	1.191	12293680	2508149	204	510	12295		M
327.8775	30:47	30:47	-4	1.191	7649918	1571862	181	452	8684	1.61(1.32-1.78)	
PCB-92											
325.8804	31:11	31:13	-4	0.857	9189335	1908257	204	510	9354		
327.8775	31:11	31:13	-4	0.857	5768569	1195828	181	452	6607	1.59(1.32-1.78)	
PCB-90											
325.8804	31:45	31:45	-3	1.228	30464577	4634949	204	510	22720		
327.8775	31:45	31:45	-3	1.228	19515640	2937764	181	452	16231	1.56(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:45	31:45	-3	1.228	30464577	4634949	204	510	22720		
327.8775	31:45	31:45	-3	1.228	19515640	2937764	181	452	16231	1.56(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:45	31:45	-3	1.228	30464577	4634949	204	510	22720		
327.8775	31:45	31:45	-3	1.228	19515640	2937764	181	452	16231	1.56(1.32-1.78)	
PCB-83											
325.8804	32:21	32:21	-4	1.251	18458458	2193280	204	510	10751		
327.8775	32:21	32:21	-4	1.251	11334952	1396059	181	452	7713	1.63(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:21	32:21	-4	1.251	18458458	2193280	204	510	10751		
327.8775	32:21	32:21	-4	1.251	11334952	1396059	181	452	7713	1.63(1.32-1.78)	
PCB-112											
325.8804	32:28	32:27	-3	1.256	12669804	2578763	204	510	12641		
327.8775	32:28	32:27	-3	1.256	8002701	1609495	181	452	8892	1.58(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-86											M
325.8804	32:50	32:50	-3	1.271	64132601	6569413	204	510	32203		M
327.8775	32:50	32:50	-3	1.271	39875204	4144485	181	452	22898	1.61(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:50	32:50	-3	1.271	64132601	6569413	204	510	32203		M
327.8775	32:50	32:50	-3	1.271	39875204	4144485	181	452	22898	1.61(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:50	32:50	-3	1.271	64132601	6569413	204	510	32203		M
327.8775	32:50	32:50	-3	1.271	39875204	4144485	181	452	22898	1.61(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:50	32:50	-3	1.271	64132601	6569413	204	510	32203		M
327.8775	32:50	32:50	-3	1.271	39875204	4144485	181	452	22898	1.61(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:50	32:50	-3	1.271	64132601	6569413	204	510	32203		M
327.8775	32:50	32:50	-3	1.271	39875204	4144485	181	452	22898	1.61(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:50	32:50	-3	1.271	64132601	6569413	204	510	32203		M
327.8775	32:50	32:50	-3	1.271	39875204	4144485	181	452	22898	1.61(1.32-1.78)	M
PCB-85											
325.8804	33:34	33:33	-3	1.299	32899681	3605719	204	510	17675		
327.8775	33:34	33:33	-3	1.299	20886277	2277333	181	452	12582	1.58(1.32-1.78)	
PCB-116 (C85)											
325.8804	33:34	33:33	-3	1.299	32899681	3605719	204	510	17675		
327.8775	33:34	33:33	-3	1.299	20886277	2277333	181	452	12582	1.58(1.32-1.78)	
PCB-117 (C85)											
325.8804	33:34	33:33	-3	1.299	32899681	3605719	204	510	17675		
327.8775	33:34	33:33	-3	1.299	20886277	2277333	181	452	12582	1.58(1.32-1.78)	
PCB-110											
325.8804	33:47	33:47	-4	1.307	24397771	3727423	204	510	18272		
327.8775	33:47	33:47	-4	1.307	15395347	2353028	181	452	13000	1.58(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:47	33:47	-4	1.307	24397771	3727423	204	510	18272		
327.8775	33:47	33:47	-4	1.307	15395347	2353028	181	452	13000	1.58(1.32-1.78)	
PCB-82											
325.8804	34:06	34:06	-4	1.319	8766581	1637479	204	510	8027		
327.8775	34:06	34:06	-4	1.319	5558969	1050796	181	452	5806	1.58(1.32-1.78)	
PCB-111											
325.8804	34:27	34:26	-4	1.332	12721640	2628044	204	510	12883		
327.8775	34:27	34:26	-4	1.332	8075763	1665351	181	452	9201	1.58(1.32-1.78)	
PCB-120											
325.8804	34:54	34:54	-4	1.350	14429766	2909973	204	510	14265		
327.8775	34:54	34:54	-4	1.350	9180096	1866362	181	452	10311	1.57(1.32-1.78)	
PCB-108											
325.8804	36:04	36:03	-4	1.395	33214248	6785356	12147	30367	559		
327.8775	36:04	36:03	-4	1.395	20968911	4241414	8356	20890	508	1.58(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-124 (C108)											
325.8804	36:04	36:03	-4	1.395	33214248	6785356	12147	30367	559		
327.8775	36:04	36:03	-4	1.395	20968911	4241414	8356	20890	508	1.58(1.32-1.78)	
PCB-107											
325.8804	36:19	36:17	-3	1.405	18443363	3439255	12147	30367	283		
327.8775	36:18	36:17	-4	1.404	11770961	2211803	8356	20890	265	1.57(1.32-1.78)	
PCB-123											
325.8804	36:25	36:26	-4	1.000	16270148	3223662	12147	30367	265		
327.8775	36:25	36:26	-4	1.000	10377452	2079113	8356	20890	249	1.57(1.32-1.78)	
PCB-106											
325.8804	36:32	36:33	-4	1.004	17242254	3568767	12147	30367	294		
327.8775	36:32	36:33	-4	1.004	10897338	2292302	8356	20890	274	1.58(1.32-1.78)	
PCB-118											M
325.8804	36:45	36:45	-4	1.001	16123454	3257618	12147	30367	268		M
327.8775	36:45	36:45	-4	1.001	10324868	2076936	8356	20890	249	1.56(1.32-1.78)	M
PCB-122											
325.8804	37:07	37:07	-4	1.011	15975931	3265758	12147	30367	269		
327.8775	37:07	37:07	-4	1.011	10101910	2068144	8356	20890	248	1.58(1.32-1.78)	
PCB-114											
325.8804	37:17	37:16	-3	1.001	17161637	3164412	12147	30367	261		
327.8775	37:16	37:16	-4	1.000	10882085	1979551	8356	20890	237	1.58(1.32-1.78)	
PCB-105											
325.8804	37:57	37:57	-4	1.001	18784511	3598893	12147	30367	296		
327.8775	37:57	37:57	-4	1.001	11936967	2287582	8356	20890	274	1.57(1.32-1.78)	
PCB-127											M
325.8804	39:24	39:24	-4	1.039	18103234	3550903	12147	30367	292		M
327.8775	39:24	39:24	-4	1.039	11463269	2252105	8356	20890	270	1.58(1.32-1.78)	M
PCB-126											
325.8804	41:02	41:02	-4	1.000	18540782	3309417	12147	30367	272		
327.8775	41:02	41:02	-4	1.000	11746280	2101275	8356	20890	251	1.58(1.32-1.78)	
PCB-155L											
371.8817	31:29	31:29	-3	0.790	9026104	1907205	102	255	18698		
373.8788	31:29	31:29	-3	0.790	7130642	1504594	89	222	16906	1.27(1.05-1.43)	
PCB-153L											
371.8817	38:35	38:36	-4	0.901	4978976	999887	5281	13202	189		
373.8788	38:35	38:36	-4	0.901	3931153	806424	4113	10282	196	1.27(1.05-1.43)	
PCB-138L											
371.8817	39:51	39:55	-4		9123435	1828443	5281	13202	346		
373.8788	39:51	39:55	-4		7124699	1429273	4113	10282	348	1.28(1.05-1.43)	
PCB-167L											
371.8817	42:51	42:51	-4	1.075	12015028	2388985	5281	13202	452		
373.8788	42:51	42:51	-4	1.075	9471369	1883035	4113	10282	458	1.27(1.05-1.43)	
PCB-156L											
371.8817	44:01	44:01	-5	1.104	23837043	2878324	5281	13202	545		
373.8788	44:01	44:01	-5	1.104	18554939	2229685	4113	10282	542	1.28(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-157L (C156L)											
371.8817	44:01	44:01	-5	1.104	23837043	2878324	5281	13202	545		
373.8788	44:01	44:01	-5	1.104	18554939	2229685	4113	10282	542	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:16	47:16	-4	1.186	12691405	2418230	5281	13202	458		
373.8788	47:16	47:16	-4	1.186	9888912	1898496	4113	10282	462	1.28(1.05-1.43)	
PCB-155											
359.8415	31:31	31:31	-3	1.001	10164561	2132249	258	645	8265		
361.8385	31:31	31:31	-3	1.001	8011630	1689347	221	552	7644	1.27(1.05-1.43)	
PCB-152											
359.8415	31:45	31:45	-3	1.009	9912076	2078183	258	645	8055		
361.8385	31:45	31:45	-3	1.009	7835854	1634471	221	552	7396	1.26(1.05-1.43)	
PCB-150											
359.8415	31:54	31:54	-3	1.013	9287494	1953810	258	645	7573		
361.8385	31:54	31:54	-3	1.013	7277837	1532574	221	552	6935	1.28(1.05-1.43)	
PCB-136											
359.8415	32:18	32:18	-3	1.026	9809779	2019974	258	645	7829		
361.8385	32:18	32:18	-3	1.026	7780129	1573007	221	552	7118	1.26(1.05-1.43)	
PCB-145											
359.8415	32:34	32:34	-3	1.035	9006180	1847818	258	645	7162		
361.8385	32:34	32:34	-3	1.035	7220059	1497284	221	552	6775	1.25(1.05-1.43)	
PCB-148											
359.8415	34:03	34:04	-4	1.082	7242341	1489491	258	645	5773		
361.8385	34:03	34:04	-4	1.082	5778271	1196909	221	552	5416	1.25(1.05-1.43)	
PCB-135											M
359.8415	34:40	34:40	-8	1.101	13715440	1581578	258	645	6130		M
361.8385	34:40	34:40	-8	1.101	10763746	1241157	221	552	5616	1.27(1.05-1.43)	M
PCB-151 (C135)											M
359.8415	34:40	34:40	-8	1.101	13715440	1581578	258	645	6130		M
361.8385	34:40	34:40	-8	1.101	10763746	1241157	221	552	5616	1.27(1.05-1.43)	M
PCB-154											
359.8415	34:54	34:55	-4	1.109	8243250	1669571	258	645	6471		
361.8385	34:54	34:55	-4	1.109	6570596	1321243	221	552	5978	1.25(1.05-1.43)	
PCB-144											
359.8415	35:14	35:14	-3	1.119	7515129	1518826	258	645	5887		
361.8385	35:14	35:14	-3	1.119	5852542	1192345	221	552	5395	1.28(1.05-1.43)	
PCB-147											
359.8415	35:36	35:36	-4	1.131	19352787	4017389	15189	37972	264		
361.8385	35:36	35:36	-4	1.131	15376347	3186711	7902	19755	403	1.26(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:36	35:36	-4	1.131	19352787	4017389	15189	37972	264		
361.8385	35:36	35:36	-4	1.131	15376347	3186711	7902	19755	403	1.26(1.05-1.43)	
PCB-134											
359.8415	35:54	35:55	-4	1.140	17009192	1963065	15189	37972	129		
361.8385	35:54	35:55	-4	1.140	13650100	1571976	7902	19755	199	1.25(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-143 (C134)											
359.8415	35:54	35:55	-4	1.140	17009192	1963065	15189	37972	129		
361.8385	35:54	35:55	-4	1.140	13650100	1571976	7902	19755	199	1.25(1.05-1.43)	
PCB-139											
359.8415	36:12	36:11	-3	1.150	19469756	3471632	15189	37972	229		
361.8385	36:12	36:11	-3	1.150	15474510	2740970	7902	19755	347	1.26(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:12	36:11	-3	1.150	19469756	3471632	15189	37972	229		
361.8385	36:12	36:11	-3	1.150	15474510	2740970	7902	19755	347	1.26(1.05-1.43)	
PCB-131											
359.8415	36:24	36:24	-4	1.156	7903873	1583016	15189	37972	104		
361.8385	36:24	36:24	-4	1.156	6354650	1276023	7902	19755	161	1.24(1.05-1.43)	
PCB-142											
359.8415	36:33	36:33	-4	1.161	8635815	1789868	15189	37972	118		
361.8385	36:33	36:33	-4	1.161	6854589	1437430	7902	19755	182	1.26(1.05-1.43)	
PCB-132											
359.8415	36:54	36:54	-4	1.172	8305125	1718069	15189	37972	113		
361.8385	36:54	36:54	-4	1.172	6621319	1355849	7902	19755	172	1.25(1.05-1.43)	
PCB-133											
359.8415	37:21	37:21	-4	1.186	9526392	1917122	15189	37972	126		
361.8385	37:21	37:21	-4	1.186	7595131	1530816	7902	19755	194	1.25(1.05-1.43)	
PCB-165											
359.8415	37:45	37:45	-4	0.881	11955854	2375637	15189	37972	156		
361.8385	37:45	37:45	-4	0.881	9240691	1869253	7902	19755	237	1.29(1.05-1.43)	
PCB-146											
359.8415	38:00	38:00	-4	0.887	10808055	2169707	15189	37972	143		
361.8385	38:00	38:00	-4	0.887	8644304	1729764	7902	19755	219	1.25(1.05-1.43)	
PCB-161											
359.8415	38:08	38:08	-4	0.890	13561653	2782391	15189	37972	183		
361.8385	38:08	38:08	-4	0.890	10732995	2194233	7902	19755	278	1.26(1.05-1.43)	
PCB-153											
359.8415	38:38	38:38	-4	0.901	24799480	3865508	15189	37972	254		
361.8385	38:38	38:38	-4	0.901	19734113	3076845	7902	19755	389	1.26(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:38	38:38	-4	0.901	24799480	3865508	15189	37972	254		
361.8385	38:38	38:38	-4	0.901	19734113	3076845	7902	19755	389	1.26(1.05-1.43)	
PCB-141											M
359.8415	38:50	38:50	-4	0.906	9548422	1946036	15189	37972	128		
361.8385	38:50	38:50	-4	0.906	7572698	1542761	7902	19755	195	1.26(1.05-1.43)	M
PCB-130											
359.8415	39:14	39:14	-4	0.916	8860935	1769809	15189	37972	117		
361.8385	39:14	39:14	-4	0.916	7044553	1412037	7902	19755	179	1.26(1.05-1.43)	
PCB-137											
359.8415	39:27	39:27	-4	0.920	9272253	1894720	15189	37972	125		
361.8385	39:27	39:27	-4	0.920	7410859	1520125	7902	19755	192	1.25(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-164											
359.8415	39:35	39:35	-4	0.924	12994877	2581016	15189	37972	170		
361.8385	39:35	39:35	-4	0.924	10281213	2049581	7902	19755	259	1.26(1.05-1.43)	
PCB-129											M
359.8415	39:54	39:54	-3	0.931	43387193	4811807	15189	37972	317		M
361.8385	39:54	39:54	-3	0.931	34689613	3784497	7902	19755	479	1.25(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:54	39:54	-3	0.931	43387193	4811807	15189	37972	317		M
361.8385	39:54	39:54	-3	0.931	34689613	3784497	7902	19755	479	1.25(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:54	39:54	-3	0.931	43387193	4811807	15189	37972	317		M
361.8385	39:54	39:54	-3	0.931	34689613	3784497	7902	19755	479	1.25(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:54	39:54	-3	0.931	43387193	4811807	15189	37972	317		M
361.8385	39:54	39:54	-3	0.931	34689613	3784497	7902	19755	479	1.25(1.05-1.43)	M
PCB-158											M
359.8415	40:16	40:16	-4	0.940	14617569	2806219	15189	37972	185		M
361.8385	40:16	40:16	-4	0.940	11661758	2232762	7902	19755	283	1.25(1.05-1.43)	
PCB-128											
359.8415	41:06	41:06	-4	0.959	22635671	2916602	15189	37972	192		
361.8385	41:06	41:06	-4	0.959	18145459	2356071	7902	19755	298	1.25(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:06	41:06	-4	0.959	22635671	2916602	15189	37972	192		
361.8385	41:06	41:06	-4	0.959	18145459	2356071	7902	19755	298	1.25(1.05-1.43)	
PCB-159											
359.8415	42:06	42:06	-4	0.983	14371248	2842604	15189	37972	187		
361.8385	42:06	42:06	-4	0.983	11489160	2271454	7902	19755	287	1.25(1.05-1.43)	
PCB-162											M
359.8415	42:24	42:24	-4	0.990	13043980	2578832	15189	37972	170		M
361.8385	42:24	42:24	-4	0.990	10434388	2060221	7902	19755	261	1.25(1.05-1.43)	M
PCB-167											a
359.8415	42:53	42:53	-4	1.001	15024832	3003892	15189	37972	198		a
361.8385	42:53	42:53	-4	1.001	11981906	2400330	7902	19755	304	1.25(1.05-1.43)	
PCB-156											M
359.8415	44:02	44:02	-5	1.001	27520050	3324165	15189	37972	219		M
361.8385	44:02	44:02	-5	1.001	21914472	2669145	7902	19755	338	1.26(1.05-1.43)	M
PCB-157 (C156)											M
359.8415	44:02	44:02	-5	1.001	27520050	3324165	15189	37972	219		M
361.8385	44:02	44:02	-5	1.001	21914472	2669145	7902	19755	338	1.26(1.05-1.43)	M
PCB-169											
359.8415	47:18	47:17	-3	1.001	15650639	2820139	15189	37972	186		
361.8385	47:18	47:17	-3	1.001	12198013	2218706	7902	19755	281	1.28(1.05-1.43)	
PCB-188L											
405.8428	37:13	37:14	-4	0.820	8722739	1774908	137	342	12956		
407.8398	37:13	37:14	-4	0.820	8264878	1684600	47	117	35843	1.06(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-178L											
405.8428	40:17	40:18	-4	0.887	3347949	666450	137	342	4865		
407.8398	40:17	40:18	-4	0.887	3104007	634108	47	117	13492	1.08(0.89-1.21)	
PCB-180L											
405.8428	45:24	45:28	-4		6852965	1335282	137	342	9747		
407.8398	45:24	45:28	-4		6490346	1264855	47	117	26912	1.06(0.89-1.21)	
PCB-170L											
405.8428	46:41	46:41	-4	1.028	5797917	1108608	137	342	8092		
407.8398	46:41	46:41	-4	1.028	5467551	1055606	47	117	22460	1.06(0.89-1.21)	
PCB-189L											
405.8428	49:47	49:47	-4	1.097	14136526	2723964	953	2382	2858		
407.8398	49:47	49:47	-4	1.097	13531107	2609990	903	2257	2890	1.04(0.89-1.21)	
PCB-188											
393.8025	37:15	37:15	-4	1.001	10148469	2067593	191	477	10825		
395.7995	37:15	37:15	-4	1.001	9668371	1973963	310	775	6368	1.05(0.89-1.21)	
PCB-179											
393.8025	37:37	37:37	-4	1.011	10232782	2039251	191	477	10677		
395.7995	37:37	37:37	-4	1.011	9714562	1957781	310	775	6315	1.05(0.89-1.21)	
PCB-184											
393.8025	38:06	38:06	-4	1.024	9975257	1960951	191	477	10267		
395.7995	38:06	38:06	-4	1.024	9487041	1889827	310	775	6096	1.05(0.89-1.21)	
PCB-176											
393.8025	38:30	38:30	-4	1.034	9920454	1972004	191	477	10325		
395.7995	38:30	38:30	-4	1.034	9603992	1904757	310	775	6144	1.03(0.89-1.21)	
PCB-186											
393.8025	38:57	38:56	-4	1.046	9285674	1815000	191	477	9503		
395.7995	38:57	38:56	-4	1.046	8797810	1750969	310	775	5648	1.06(0.89-1.21)	
PCB-178											
393.8025	40:19	40:18	-4	1.083	7172401	1433749	191	477	7507		
395.7995	40:19	40:18	-4	1.083	6867568	1364509	310	775	4402	1.04(0.89-1.21)	
PCB-175											
393.8025	40:57	40:56	-4	1.100	7550599	1506936	191	477	7890		
395.7995	40:57	40:56	-4	1.100	7138429	1427915	310	775	4606	1.06(0.89-1.21)	
PCB-187											
393.8025	41:13	41:13	-4	1.108	7564820	1508057	191	477	7896		
395.7995	41:13	41:13	-4	1.108	7243173	1448348	310	775	4672	1.04(0.89-1.21)	
PCB-182											
393.8025	41:25	41:25	-4	1.113	7560839	1462539	191	477	7657		
395.7995	41:25	41:25	-4	1.113	7155282	1411390	310	775	4553	1.06(0.89-1.21)	
PCB-183											M
393.8025	41:50	41:50	-4	1.124	14908937	1594187	191	477	8347		M
395.7995	41:50	41:50	-4	1.124	14016411	1548102	310	775	4994	1.06(0.89-1.21)	M
PCB-185 (C183)											M
393.8025	41:50	41:50	-4	1.124	14908937	1594187	191	477	8347		M
395.7995	41:50	41:50	-4	1.124	14016411	1548102	310	775	4994	1.06(0.89-1.21)	M

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-174											
393.8025	42:05	42:05	-4	1.131	7361038	1405709	191	477	7360		
395.7995	42:05	42:05	-4	1.131	6958208	1355276	310	775	4372	1.06(0.89-1.21)	
PCB-177											
393.8025	42:31	42:31	-4	1.143	7298466	1297339	191	477	6792		
395.7995	42:31	42:31	-4	1.143	6961457	1261881	310	775	4071	1.05(0.89-1.21)	
PCB-181											
393.8025	42:54	42:54	-4	1.153	7066938	1407266	191	477	7368		
395.7995	42:54	42:54	-4	1.153	6765980	1360821	310	775	4390	1.04(0.89-1.21)	
PCB-171											
393.8025	43:08	43:08	-4	1.159	13715787	2458488	191	477	12872		
395.7995	43:08	43:08	-4	1.159	13043092	2320989	310	775	7487	1.05(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:08	43:08	-4	1.159	13715787	2458488	191	477	12872		
395.7995	43:08	43:08	-4	1.159	13043092	2320989	310	775	7487	1.05(0.89-1.21)	
PCB-172											
393.8025	44:46	44:47	-4	0.899	7181459	1405323	191	477	7358		
395.7995	44:46	44:47	-4	0.899	6817472	1336447	310	775	4311	1.05(0.89-1.21)	
PCB-192											
393.8025	45:02	45:03	-4	0.905	8973616	1705087	191	477	8927		
395.7995	45:02	45:03	-4	0.905	8540160	1670229	310	775	5388	1.05(0.89-1.21)	
PCB-180											
393.8025	45:23	45:24	-5	0.911	17443767	2373172	191	477	12425		
395.7995	45:23	45:24	-5	0.911	16550941	2258485	310	775	7285	1.05(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:23	45:24	-5	0.911	17443767	2373172	191	477	12425		
395.7995	45:23	45:24	-5	0.911	16550941	2258485	310	775	7285	1.05(0.89-1.21)	
PCB-191											
393.8025	45:46	45:47	-4	0.919	10510572	2023957	191	477	10597		
395.7995	45:46	45:47	-4	0.919	9968834	1917182	310	775	6184	1.05(0.89-1.21)	
PCB-170											
393.8025	46:42	46:42	-3	0.938	7378955	1394942	191	477	7303		
395.7995	46:42	46:42	-3	0.938	7005124	1330740	310	775	4293	1.05(0.89-1.21)	
PCB-190											M
393.8025	47:13	47:13	-3	0.948	10299124	1942582	191	477	10171		M
395.7995	47:13	47:13	-3	0.948	9974010	1837103	310	775	5926	1.03(0.89-1.21)	
PCB-189											
393.8025	49:49	49:49	-4	1.001	16070701	3106484	1994	4985	1558		
395.7995	49:49	49:49	-4	1.001	15389812	2954710	1206	3015	2450	1.04(0.89-1.21)	
PCB-202L											
439.8038	42:36	42:37	-4	0.821	7210165	1455371	82	205	17748		
441.8008	42:36	42:37	-4	0.821	7924296	1590242	85	212	18709	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:53	51:57	-4		8602468	1643306	562	1405	2924		
441.8008	51:53	51:57	-4		9305278	1781814	288	720	6187	0.92(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-205L											
439.8038	52:22	52:21	-3	1.009	10560430	1971066	562	1405	3507		
441.8008	52:21	52:21	-4	1.009	11721056	2225773	288	720	7728	0.90(0.76-1.02)	
PCB-202											
427.7635	42:38	42:38	-4	1.001	10861106	2126802	262	655	8118		
429.7606	42:38	42:38	-4	1.001	12105423	2364549	313	782	7554	0.90(0.76-1.02)	
PCB-201											
427.7635	43:33	43:33	-4	1.022	11931224	2332144	262	655	8901		
429.7606	43:33	43:33	-4	1.022	13011991	2526352	313	782	8071	0.92(0.76-1.02)	
PCB-204											
427.7635	44:12	44:12	-4	1.038	11745411	2318188	262	655	8848		
429.7606	44:12	44:12	-4	1.038	12947089	2535797	313	782	8102	0.91(0.76-1.02)	
PCB-197											
427.7635	44:27	44:26	-4	1.043	11205200	2233436	262	655	8525		
429.7606	44:27	44:26	-4	1.043	12389582	2486455	313	782	7944	0.90(0.76-1.02)	
PCB-200											
427.7635	44:35	44:34	-4	1.046	12042216	2315373	262	655	8837		
429.7606	44:35	44:34	-4	1.046	13342092	2566038	313	782	8198	0.90(0.76-1.02)	
PCB-198											
427.7635	47:20	47:21	-5	1.111	16570826	2014974	262	655	7691		
429.7606	47:21	47:21	-4	1.111	18432003	2270201	313	782	7253	0.90(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:20	47:21	-5	1.111	16570826	2014974	262	655	7691		
429.7606	47:21	47:21	-4	1.111	18432003	2270201	313	782	7253	0.90(0.76-1.02)	
PCB-196											
427.7635	48:02	48:03	-4	0.917	8978500	1728991	262	655	6599		
429.7606	48:02	48:03	-4	0.917	9996295	1926232	313	782	6154	0.90(0.76-1.02)	
PCB-203											
427.7635	48:13	48:14	-4	0.921	9180780	1739879	262	655	6641		
429.7606	48:13	48:14	-4	0.921	10296423	1964018	313	782	6275	0.89(0.76-1.02)	
PCB-195											
427.7635	49:34	49:35	-4	0.947	13003792	2521230	1434	3585	1758		
429.7606	49:34	49:35	-4	0.947	14653103	2804753	1046	2615	2681	0.89(0.76-1.02)	
PCB-194											
427.7635	51:55	51:56	-4	0.991	14685578	2807642	1434	3585	1958		
429.7606	51:55	51:56	-4	0.991	16373612	3132082	1046	2615	2994	0.90(0.76-1.02)	
PCB-205											
427.7635	52:22	52:23	-4	1.000	18389013	3551644	1434	3585	2477		
429.7606	52:22	52:23	-4	1.000	20448602	3959897	1046	2615	3786	0.90(0.76-1.02)	
PCB-208L											
473.7648	49:17	49:17	-4	0.950	8328341	1582693	829	2072	1909		
475.7619	49:16	49:17	-5	0.950	10324993	1957362	1233	3082	1587	0.81(0.65-0.89)	
PCB-206L											
473.7648	54:05	54:05	-4	1.042	6018125	1144816	829	2072	1381		
475.7619	54:05	54:05	-4	1.042	7492258	1449473	1233	3082	1176	0.80(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	O Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-208											
461.7246	49:19	49:18	-3	1.001	13731404	2642793	1334	3335	1981		
463.7216	49:18	49:18	-4	1.000	17560992	3374960	1777	4442	1899	0.78(0.65-0.89)	
PCB-207											
461.7246	50:14	50:14	-4	1.019	13818097	2679651	1334	3335	2009		
463.7216	50:14	50:14	-4	1.019	17615096	3449178	1777	4442	1941	0.78(0.65-0.89)	
PCB-206											
461.7246	54:07	54:07	-4	1.000	10470847	1988835	1334	3335	1491		
463.7216	54:07	54:07	-4	1.000	13278973	2478864	1777	4442	1395	0.79(0.65-0.89)	
PCB-209L											
507.7258	55:41	55:41	-5	1.073	5772207	1043863	203	507	5142		
509.7229	55:41	55:41	-5	1.073	7953917	1427639	186	465	7675	0.73(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:42	55:42	-5	1.000	10119678	1797791	170	425	10575		
497.6826	55:42	55:42	-5	1.000	14332268	2556458	163	407	15684	0.71(0.59-0.79)	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

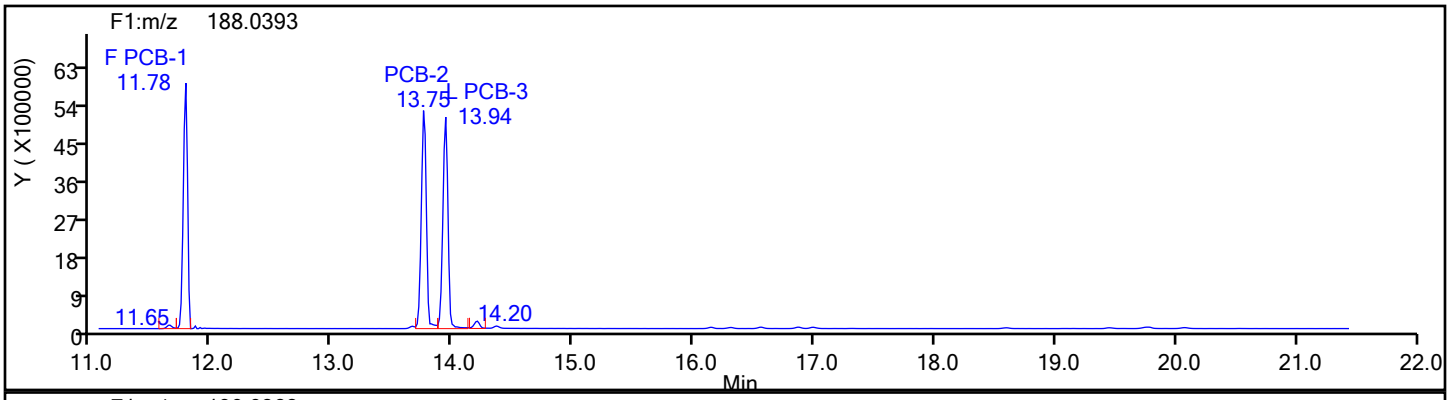
61MX209ICVS_00004 Amount Added: 20.00 Units: uL

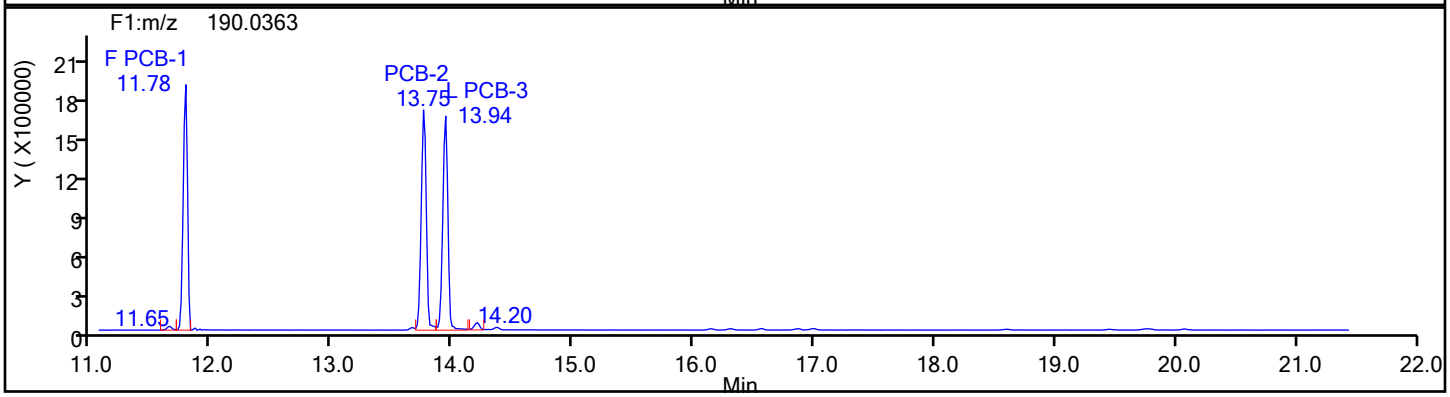
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

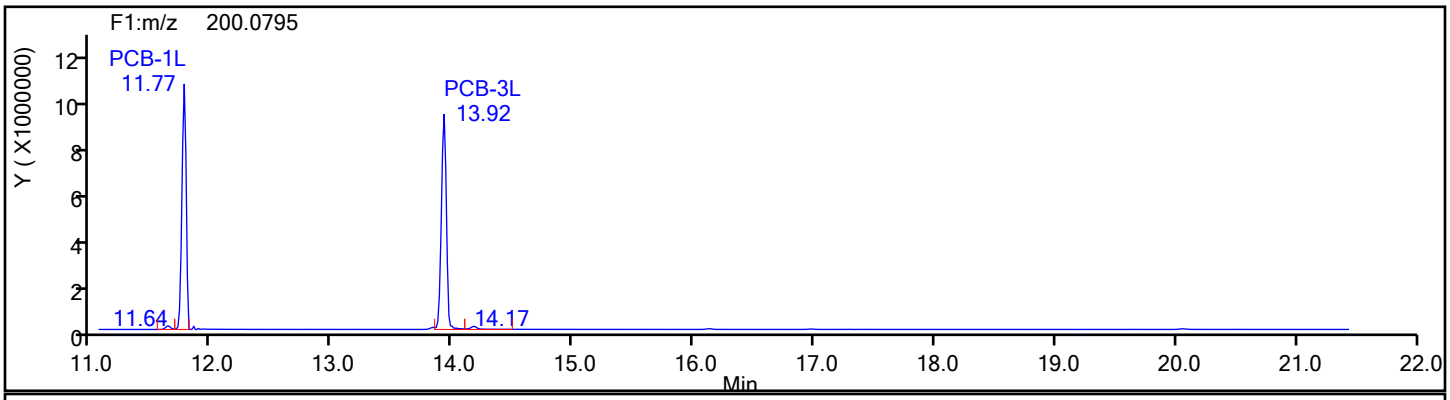
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

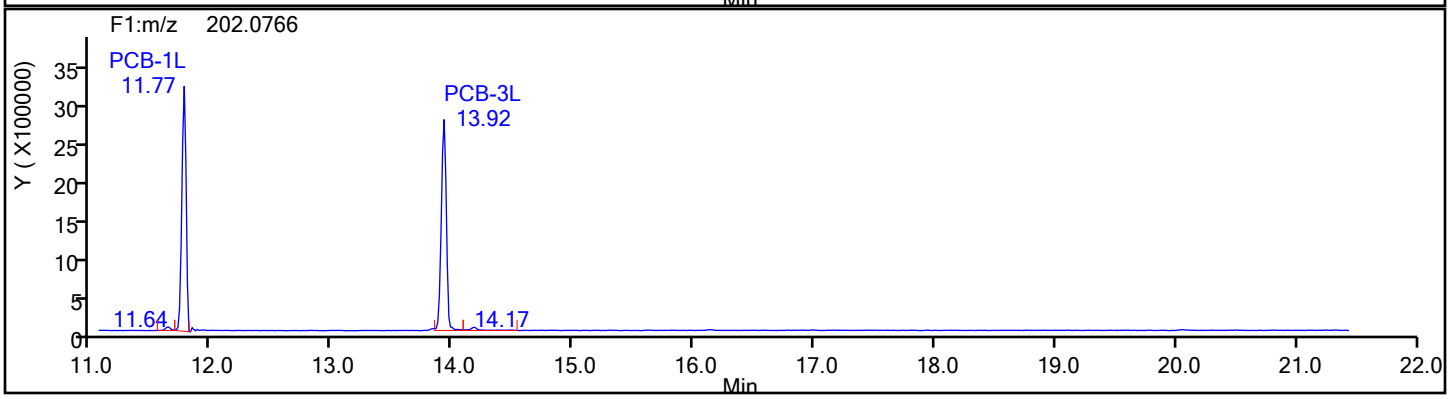
MoPCB F1





MoPCB F1 Standards



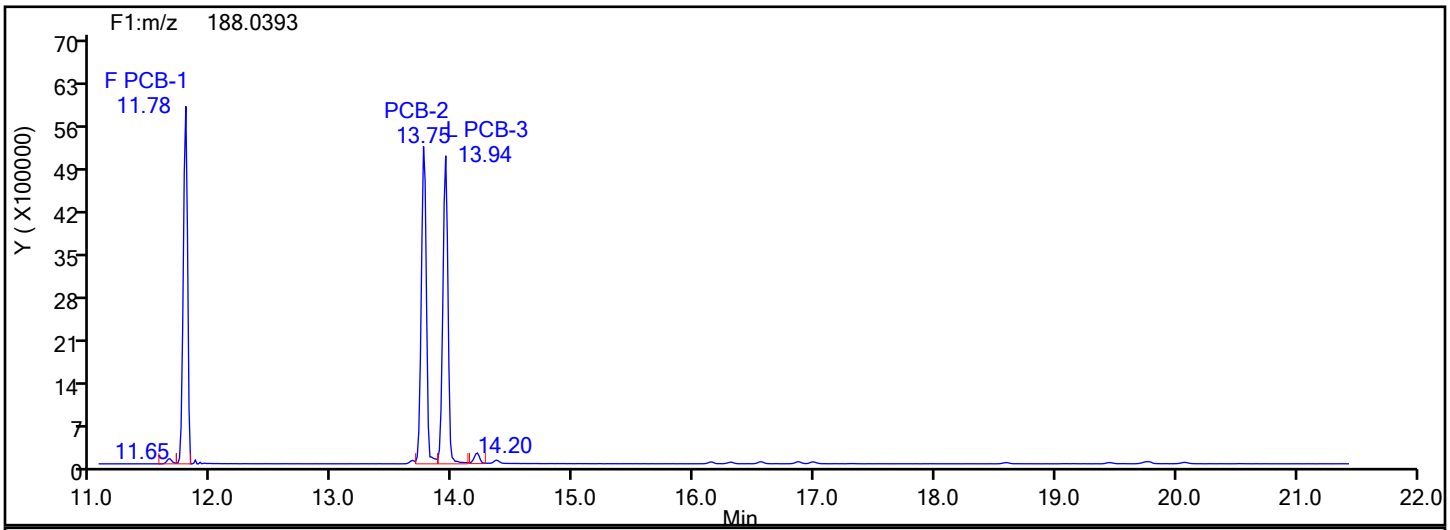


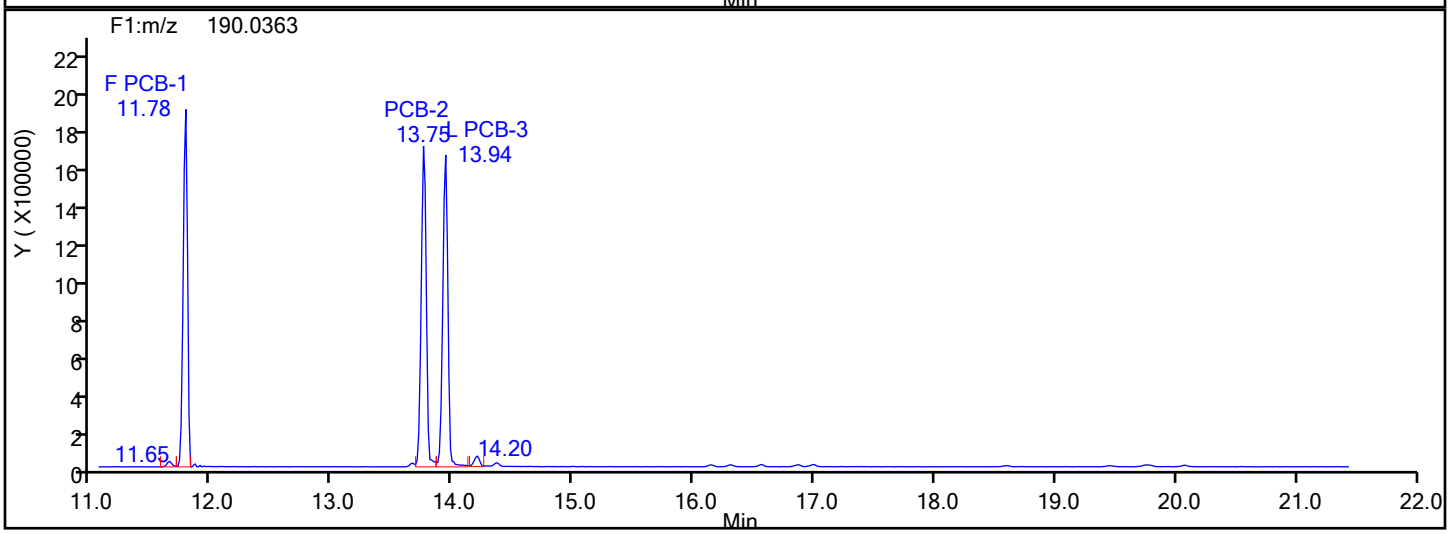
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

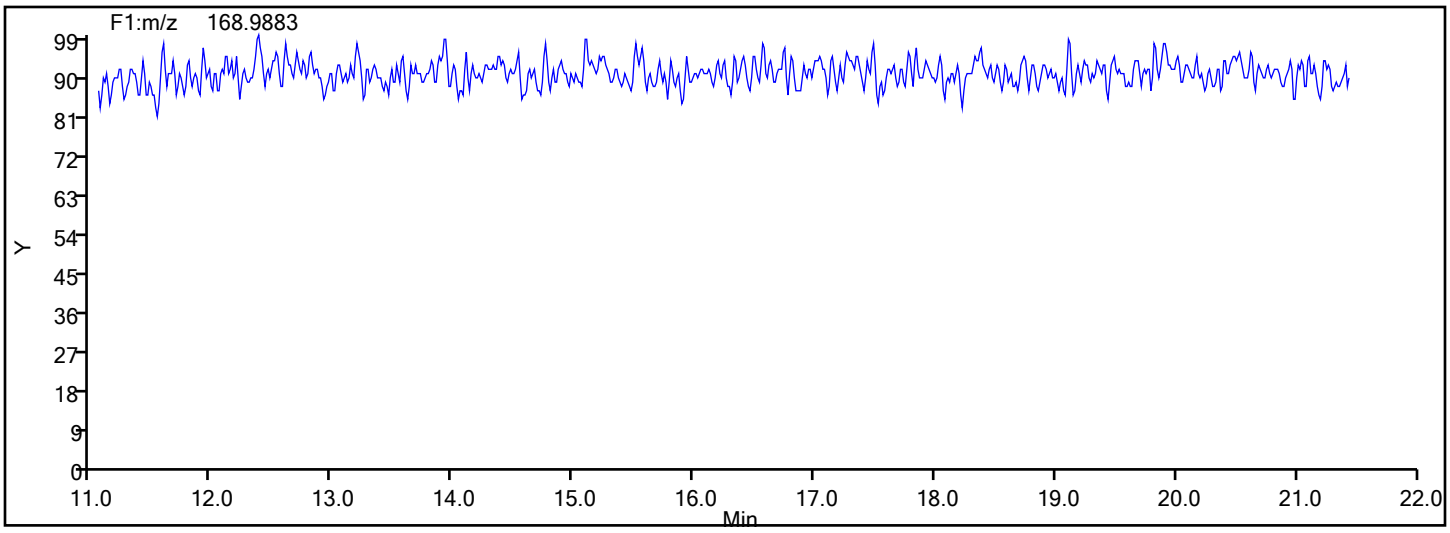
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
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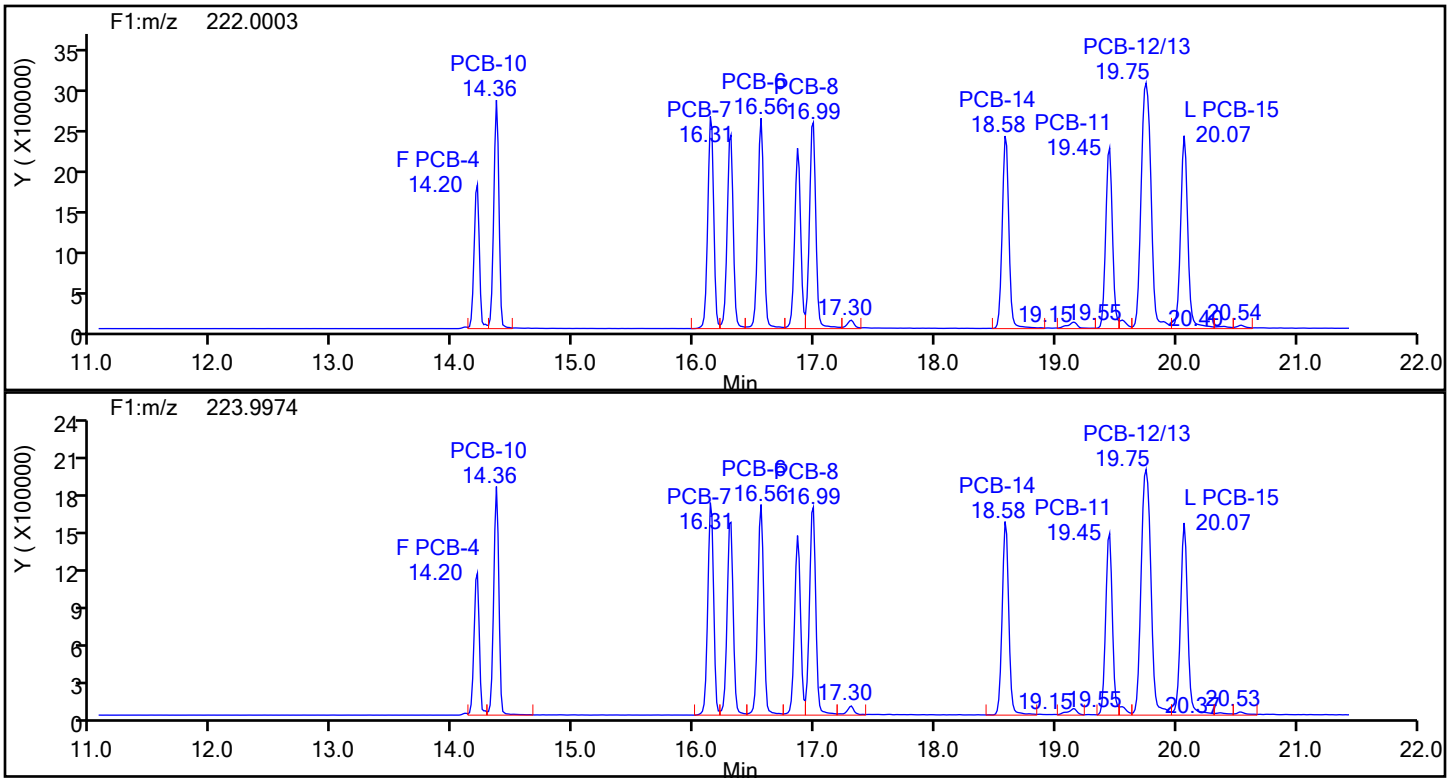
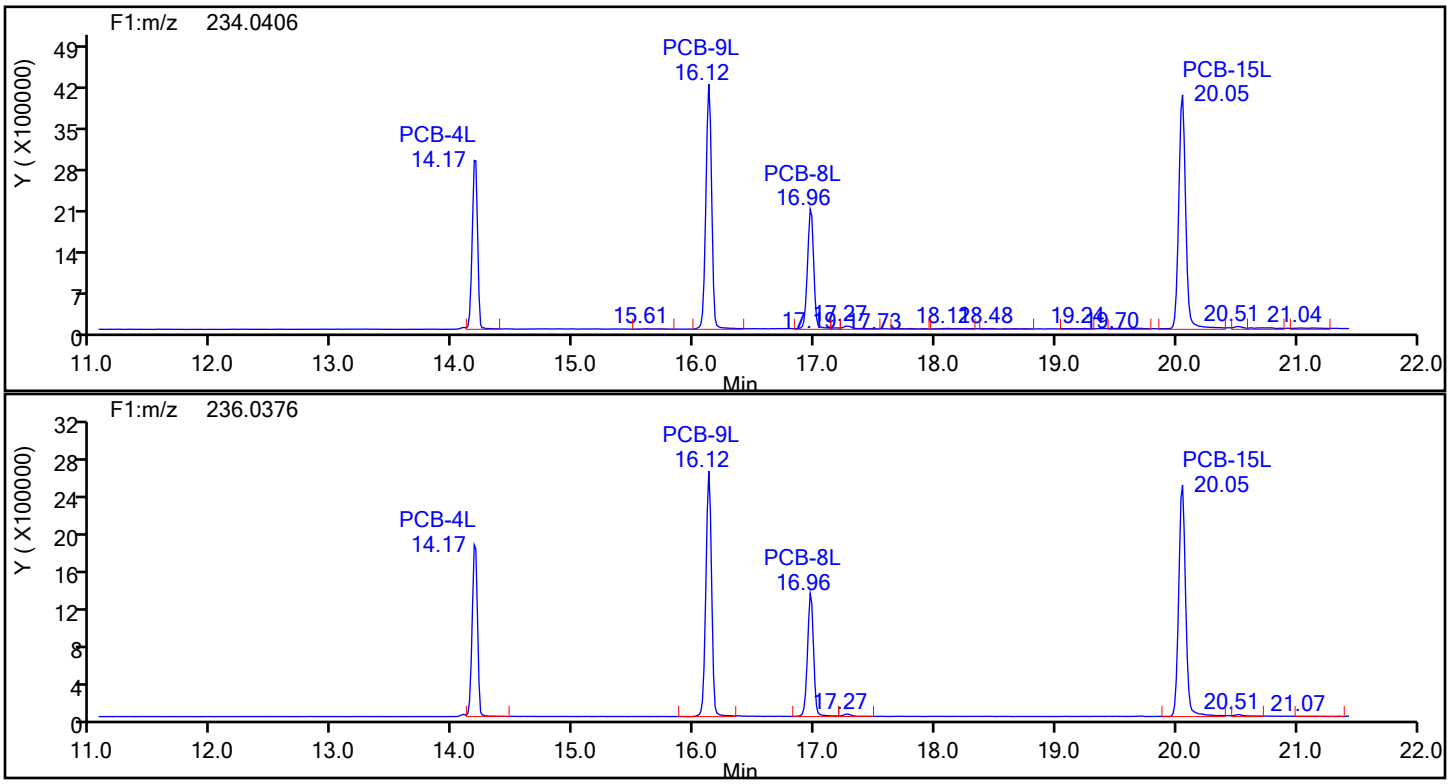
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards

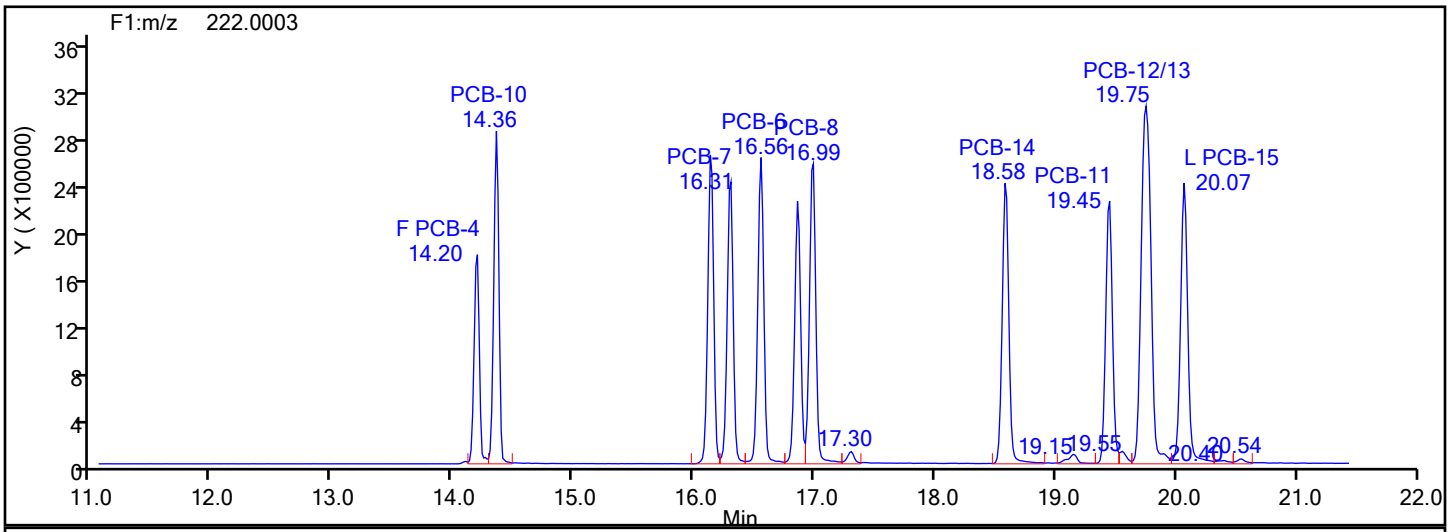


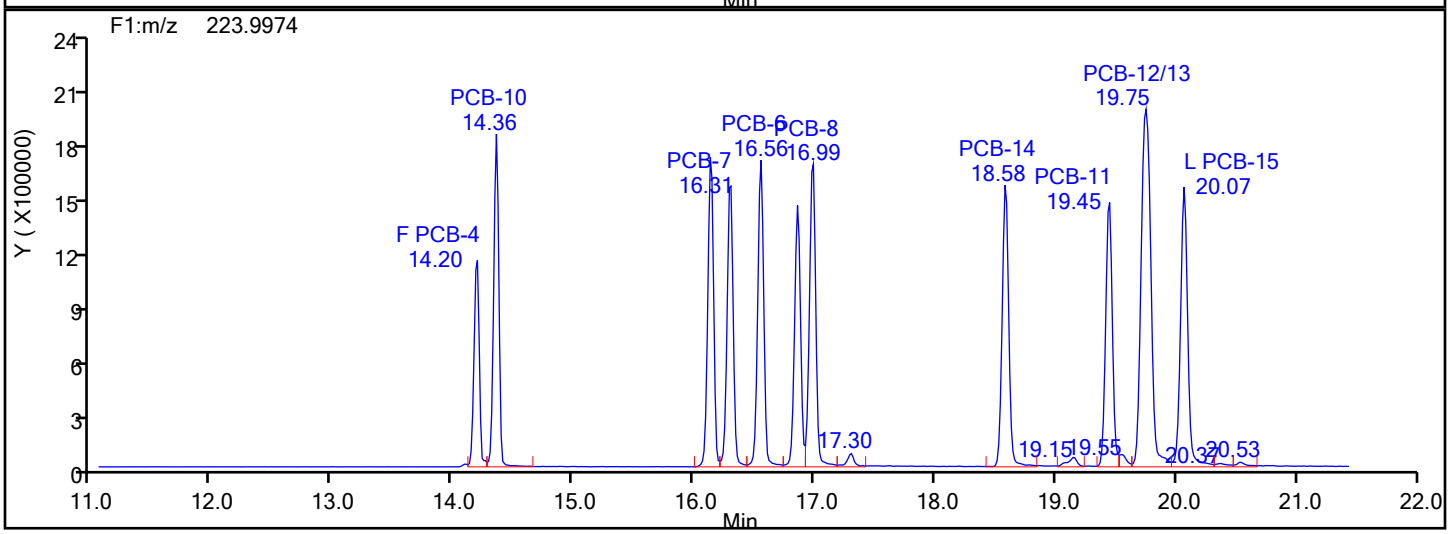
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

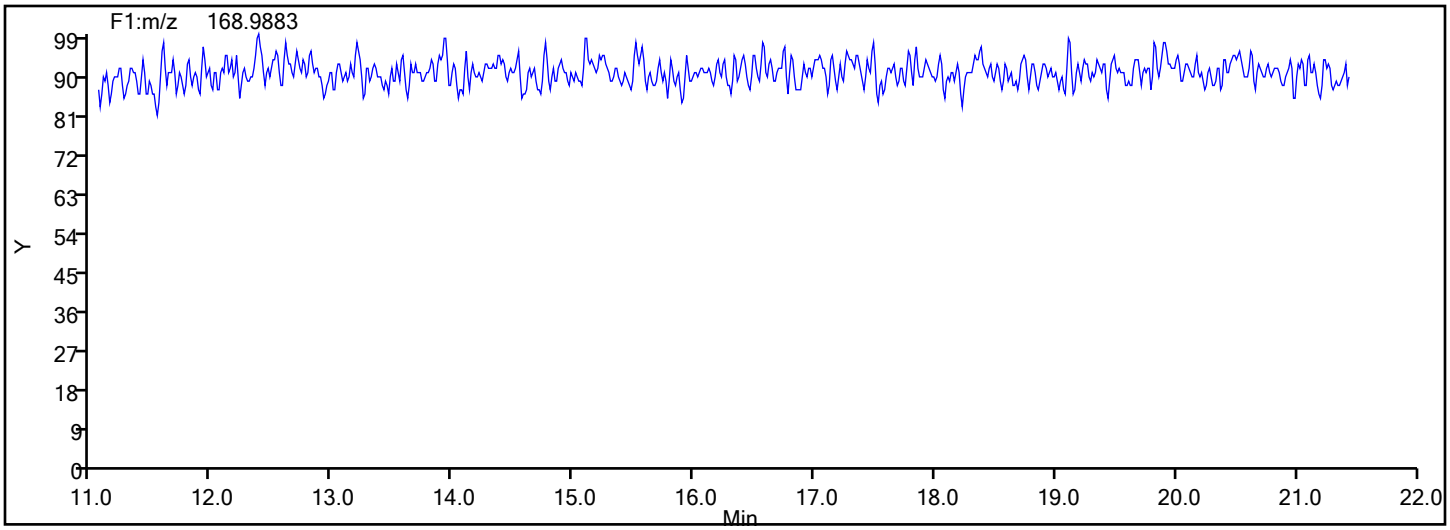
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Injection Vol: 1.0 ul
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 54640 Sample Line#: 7
Column Type: Column Dia:

DiPCB F1





DiPCB F1 Lock Mass



Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

Injection Date: 08-Oct-2021 19:20:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

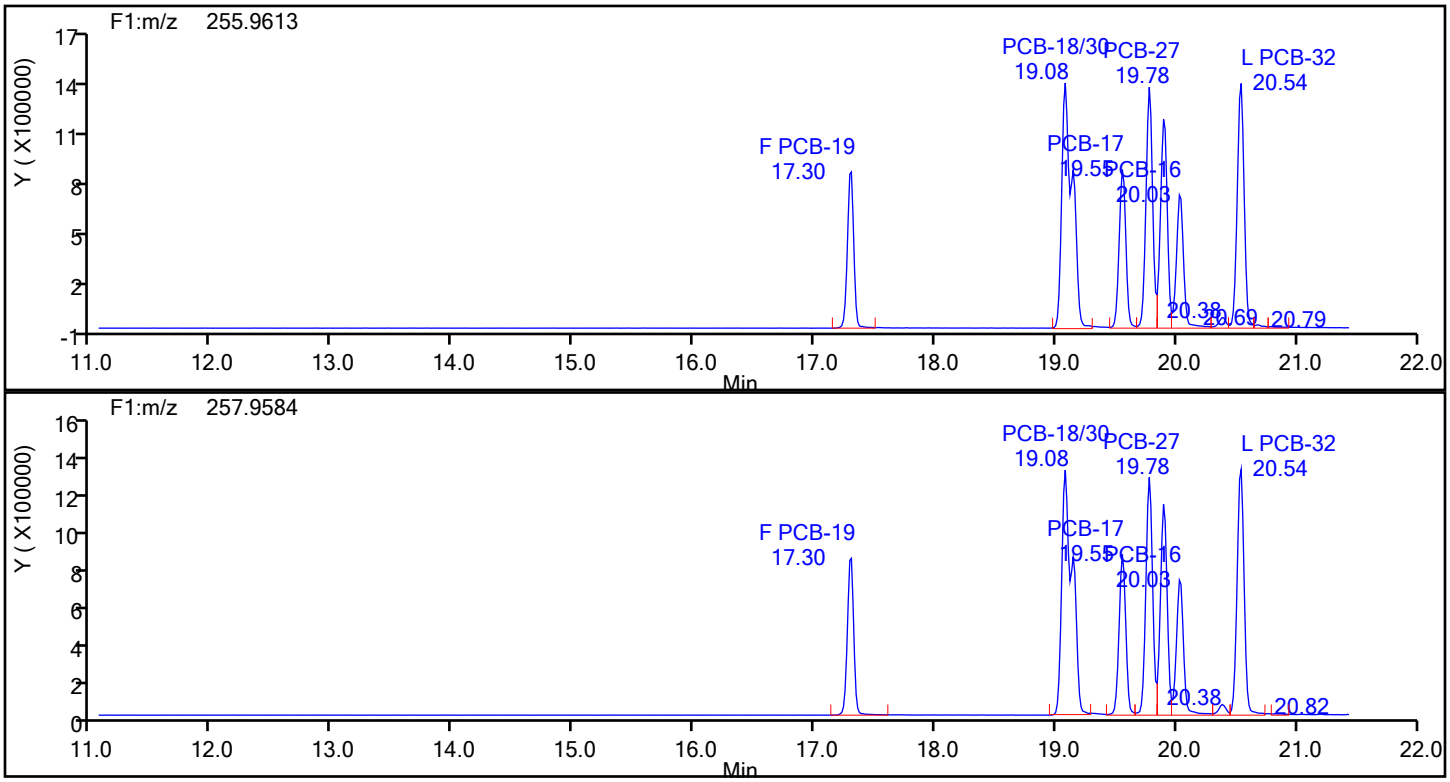
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

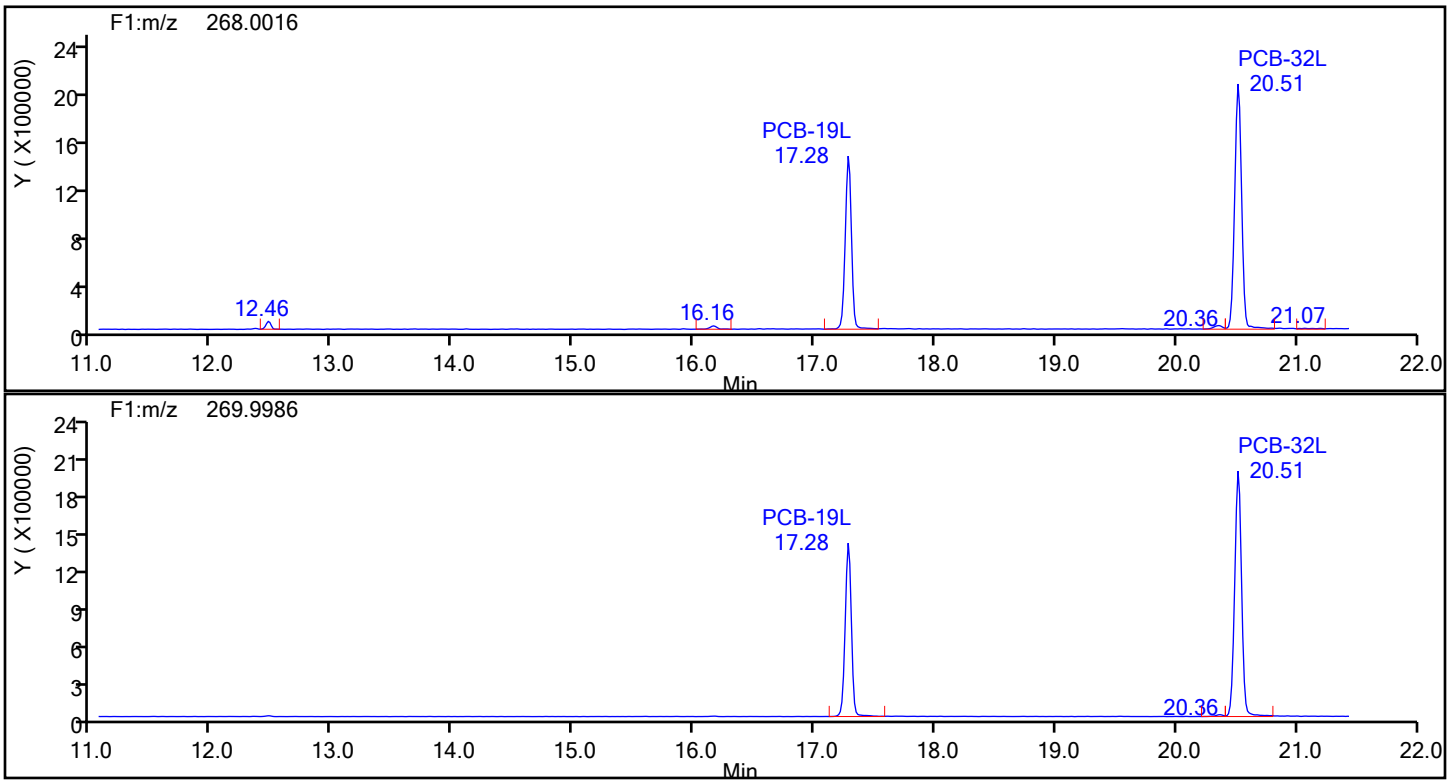
Worklist#: 54640 Sample Line#: 7

Column Type: Column Dia:

TriPCB F1



TriPCB F1 Standards

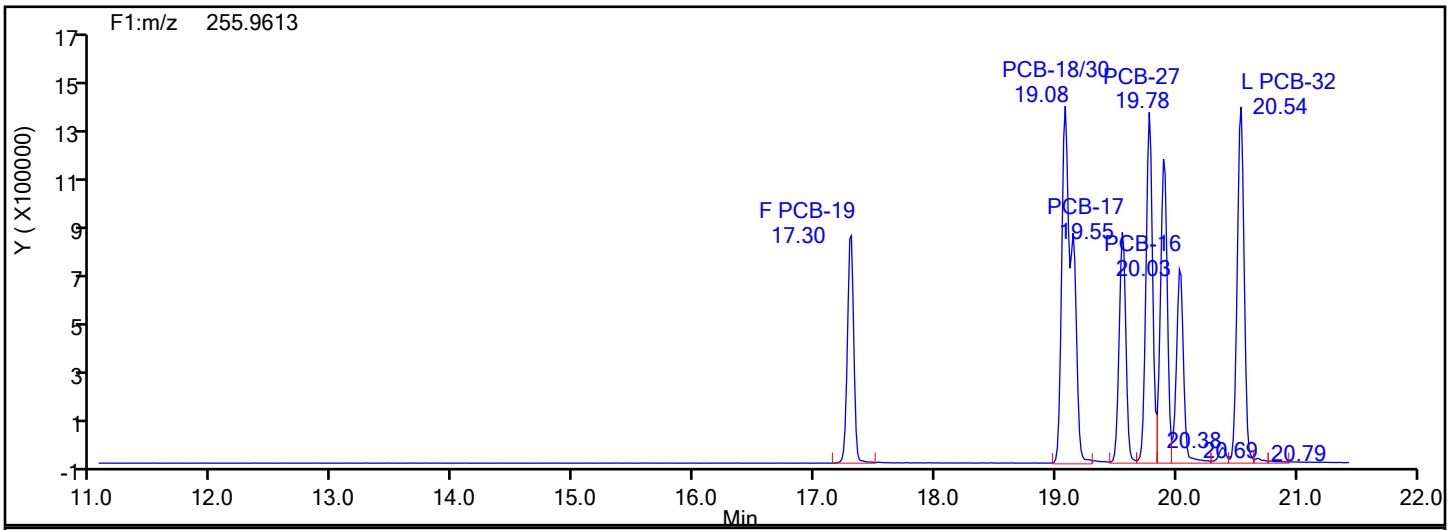


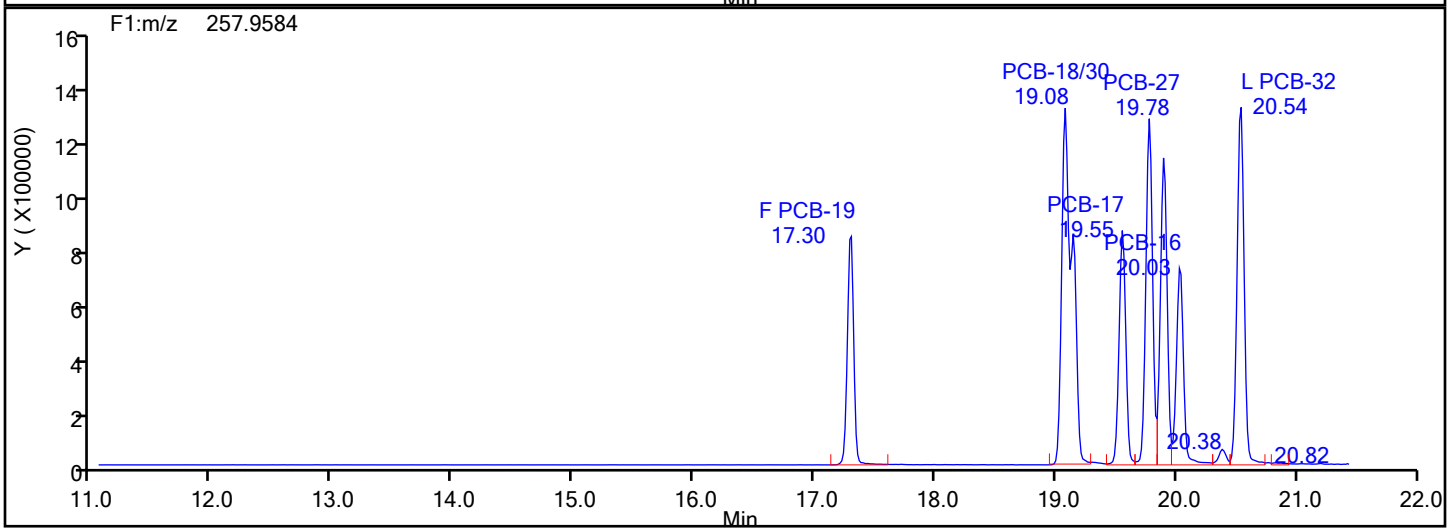
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

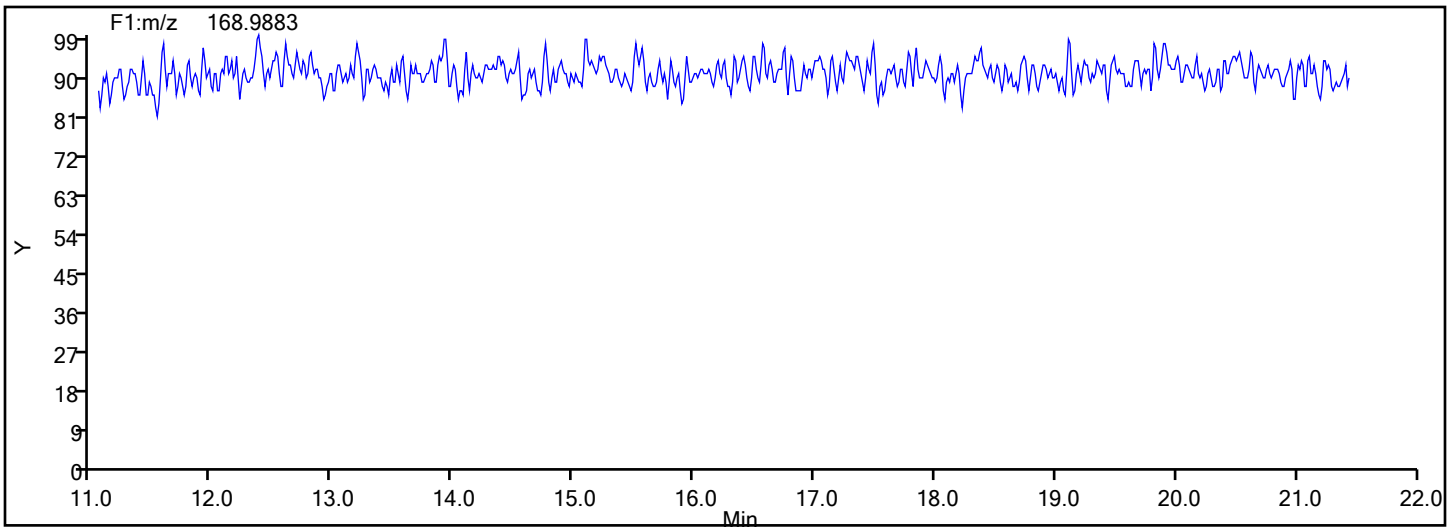
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

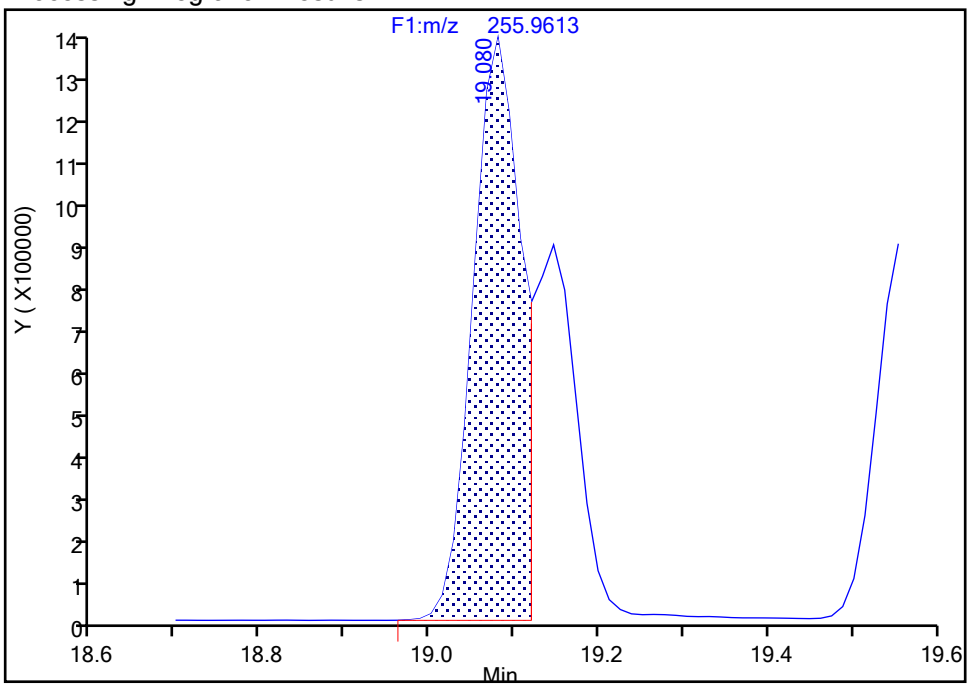
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-18/30, CAS: STL01798

Signal: 1

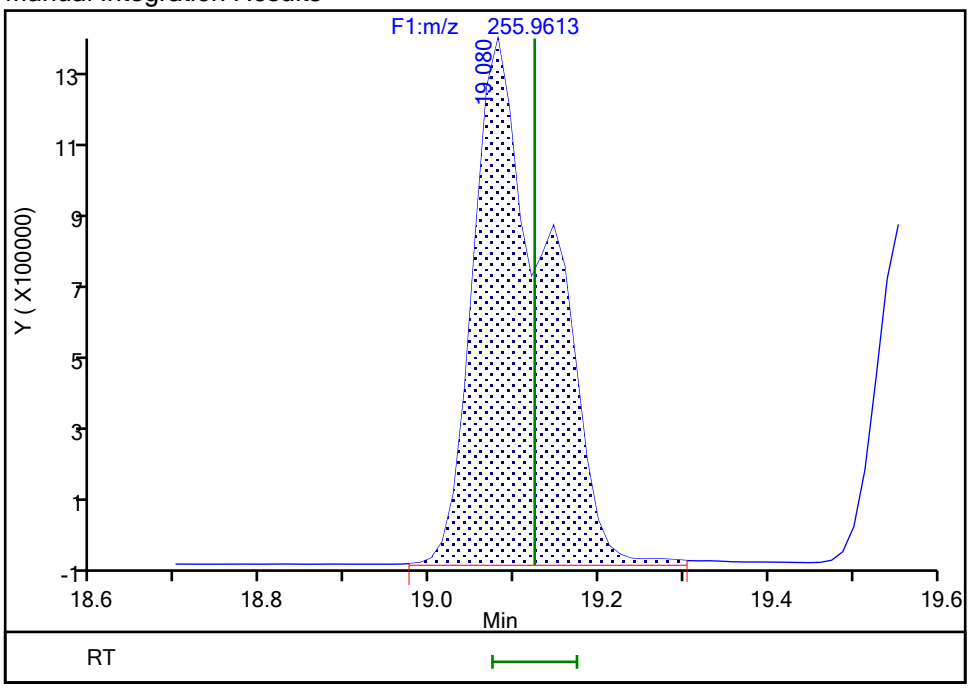
Processing Integration Results

RT: 19.08
Area: 5193942
Amount: 54.748887
Amount Units: pg/ul



Manual Integration Results

RT: 19.08
Area: 8285178
Amount: 86.735335
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:13:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

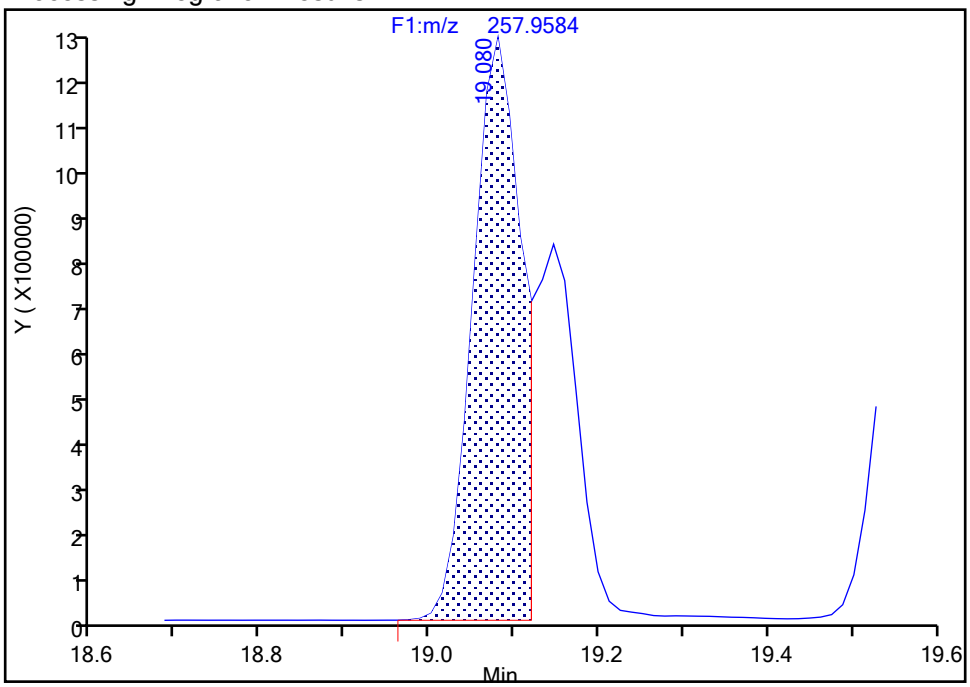
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F1(11.07 :21.70)

PCB-18/30, CAS: STL01798

Signal: 2

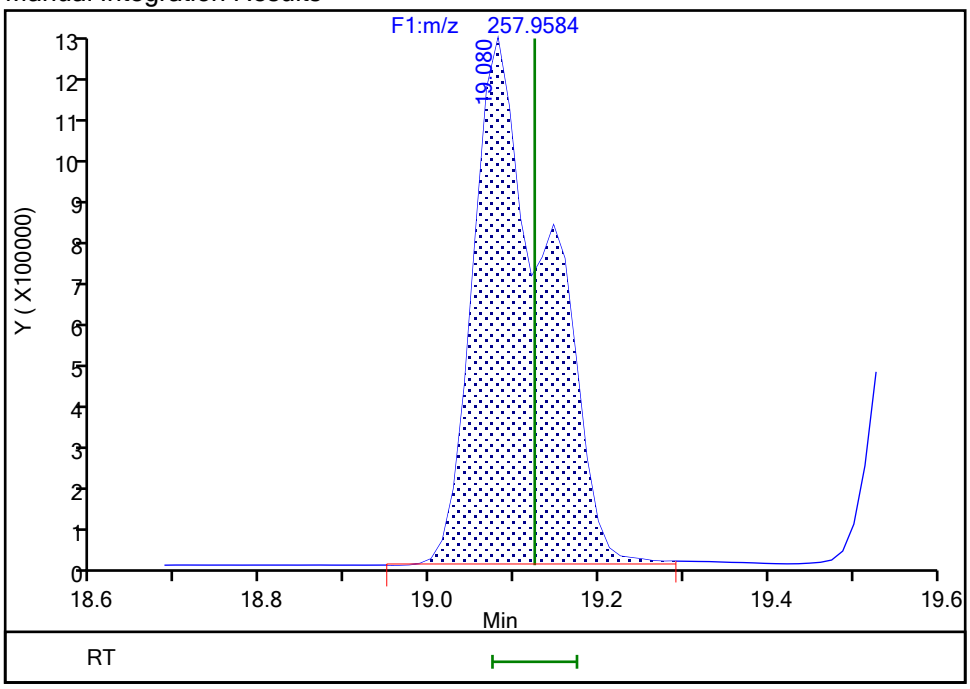
Processing Integration Results

RT: 19.08
Area: 4887863
Amount: 54.748887
Amount Units: pg/ul



Manual Integration Results

RT: 19.08
Area: 7686813
Amount: 86.735335
Amount Units: pg/ul



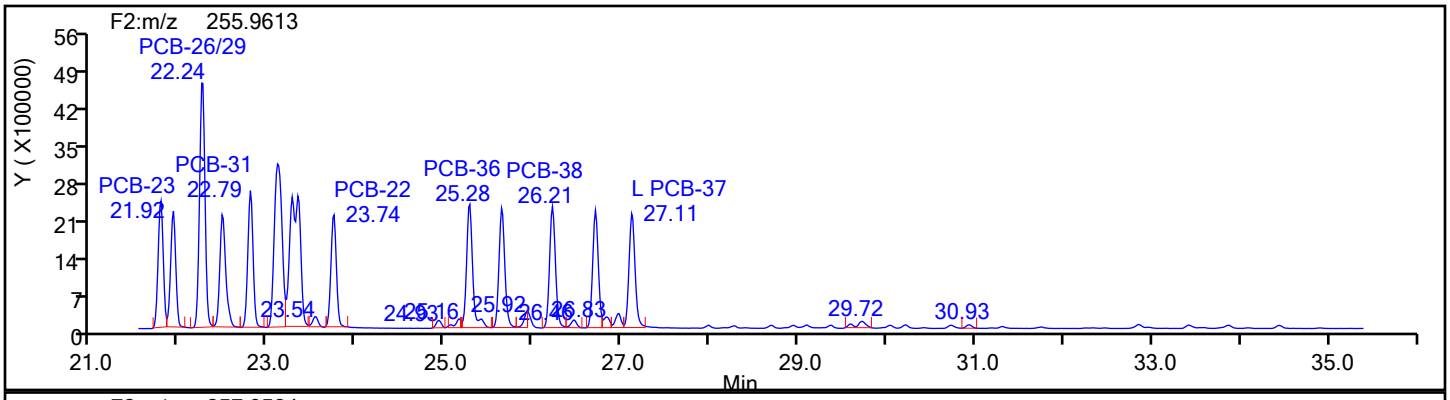
Reviewer: nordquistj, 09-Oct-2021 11:13:56
Audit Action: Manually Integrated Audit Reason: Split Peak

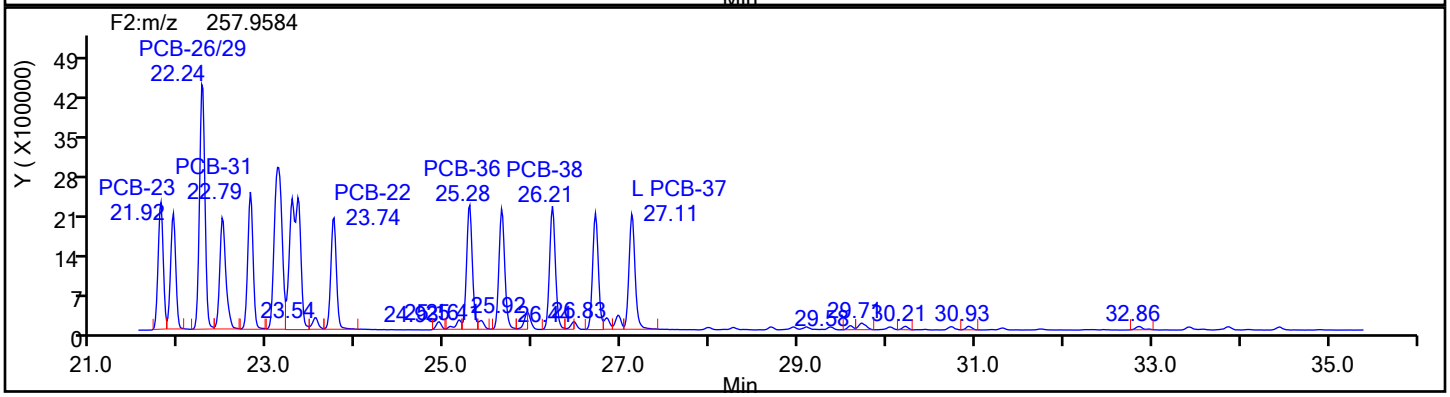
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

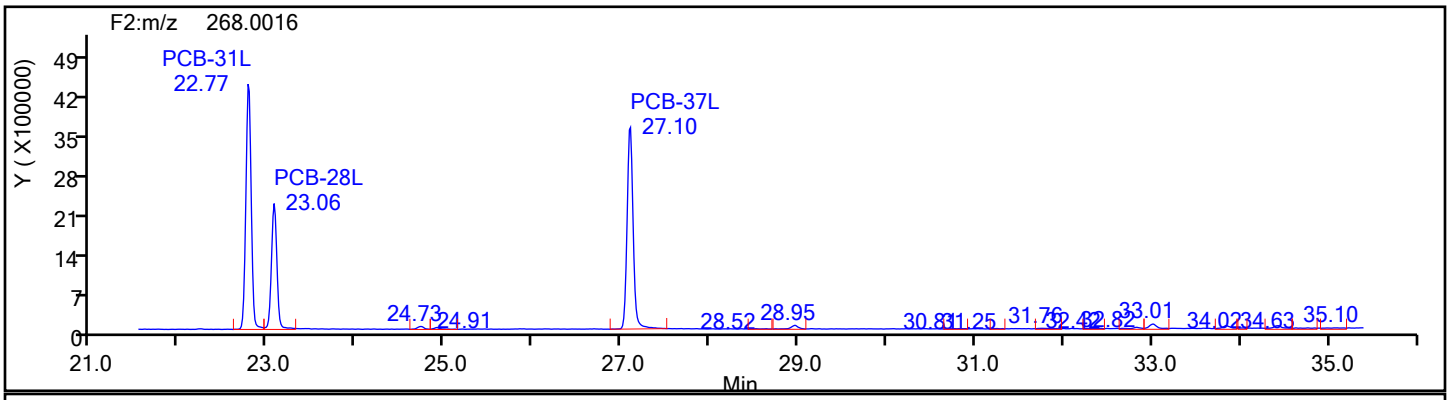
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

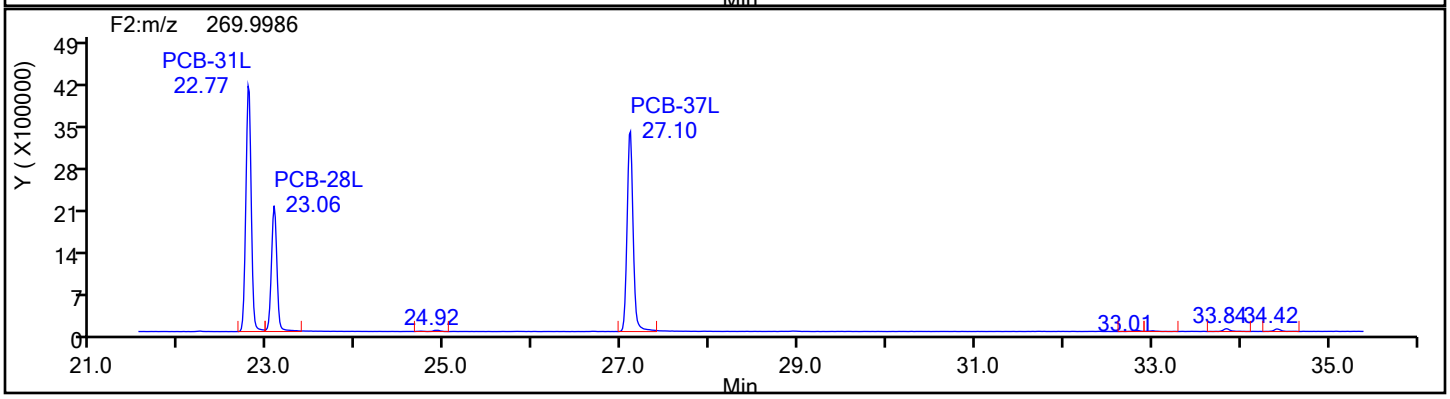
TriPCB F2





TriPCB F2 Standards



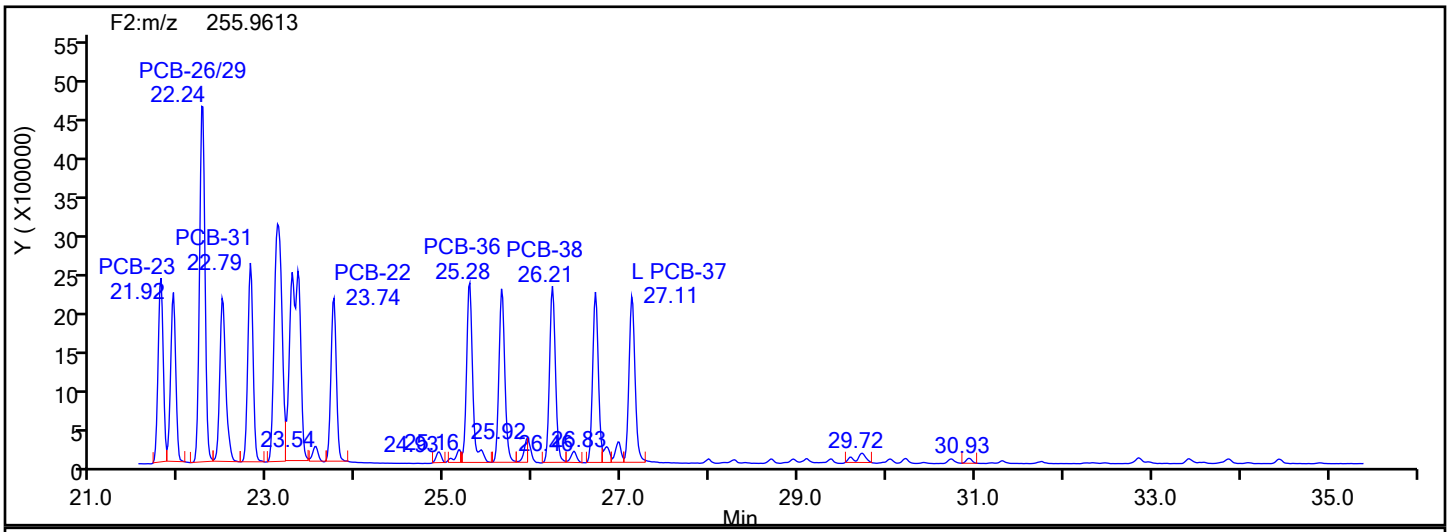


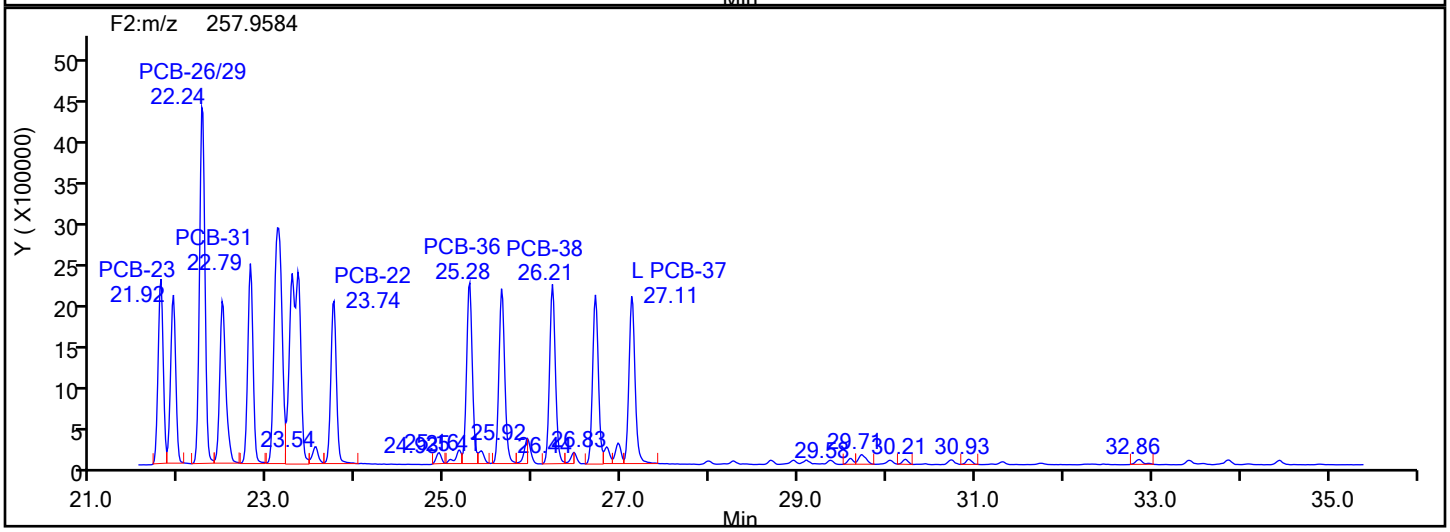
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

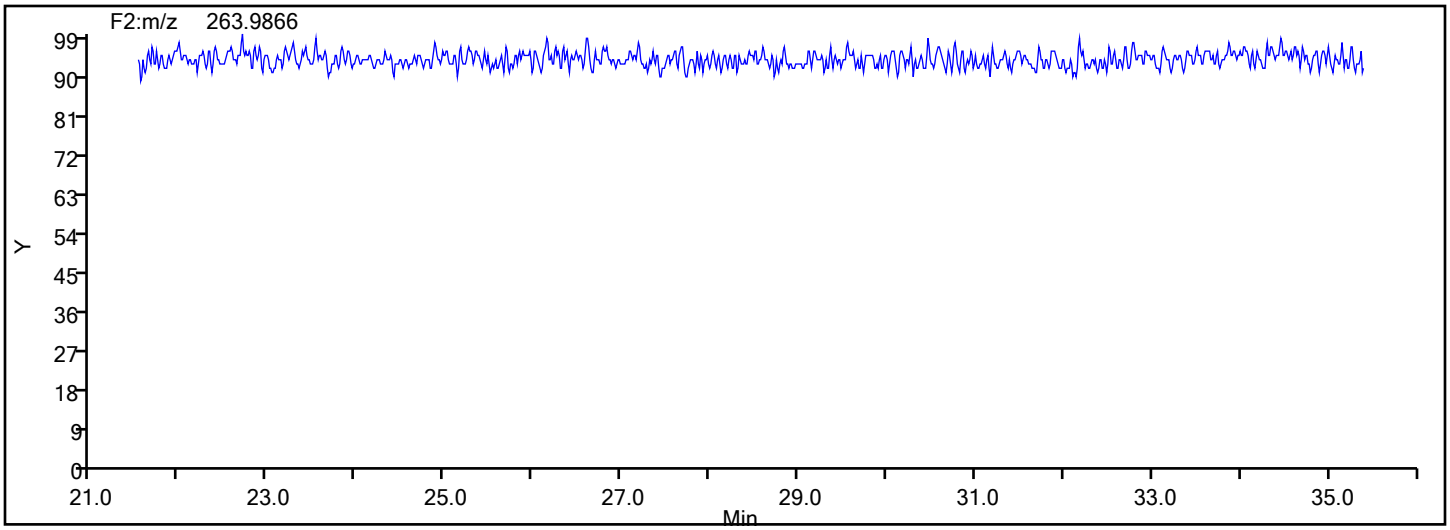
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

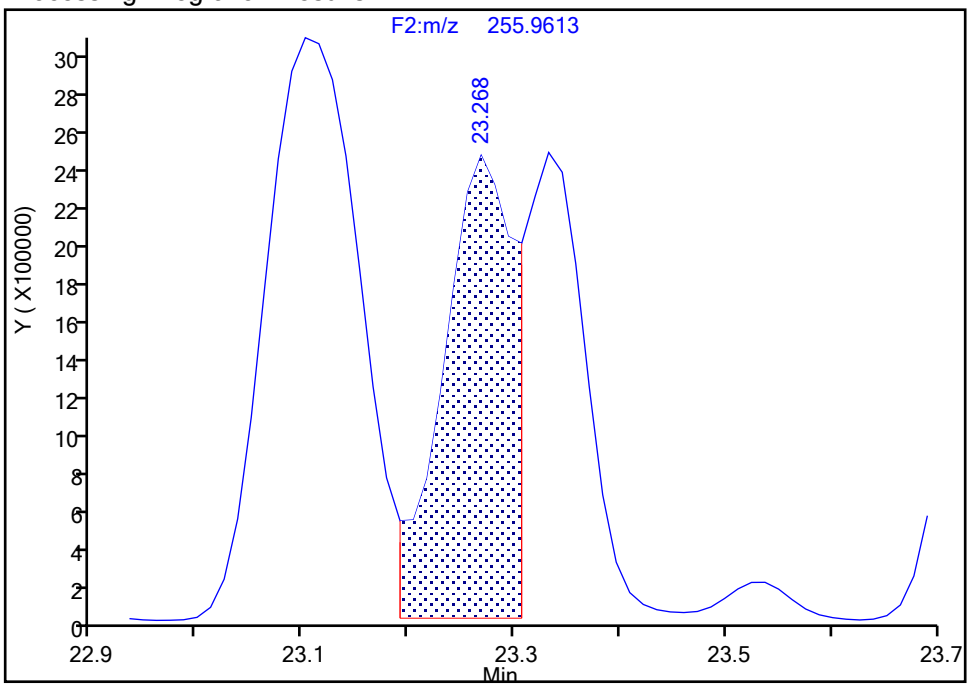
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 1

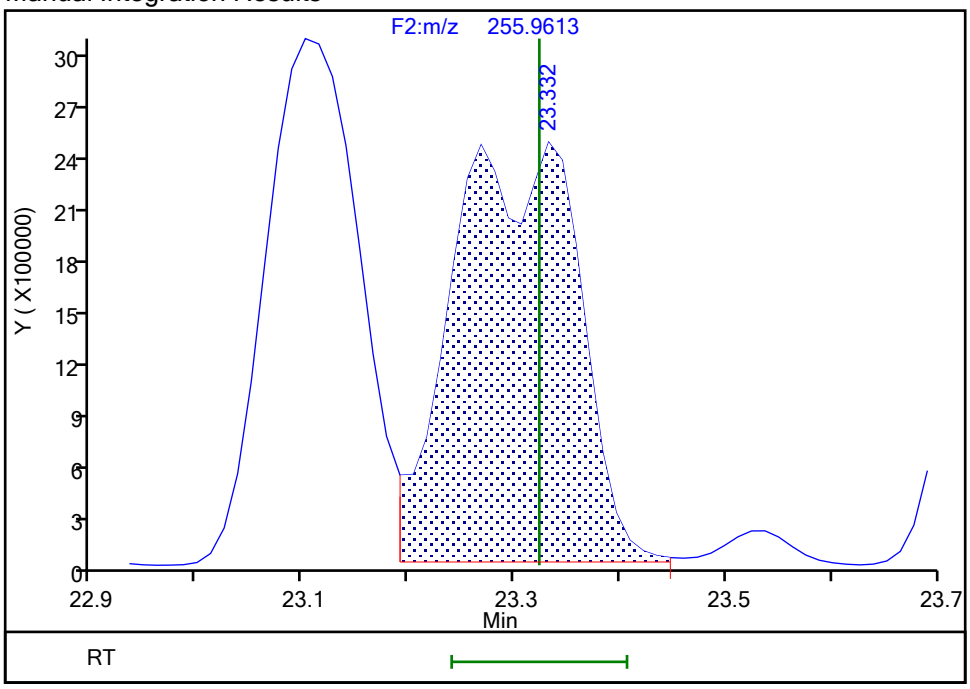
Processing Integration Results

RT: 23.27
Area: 11029644
Amount: 58.760362
Amount Units: pg/ul



Manual Integration Results

RT: 23.33
Area: 20334624
Amount: 108.9484
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:14:11
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

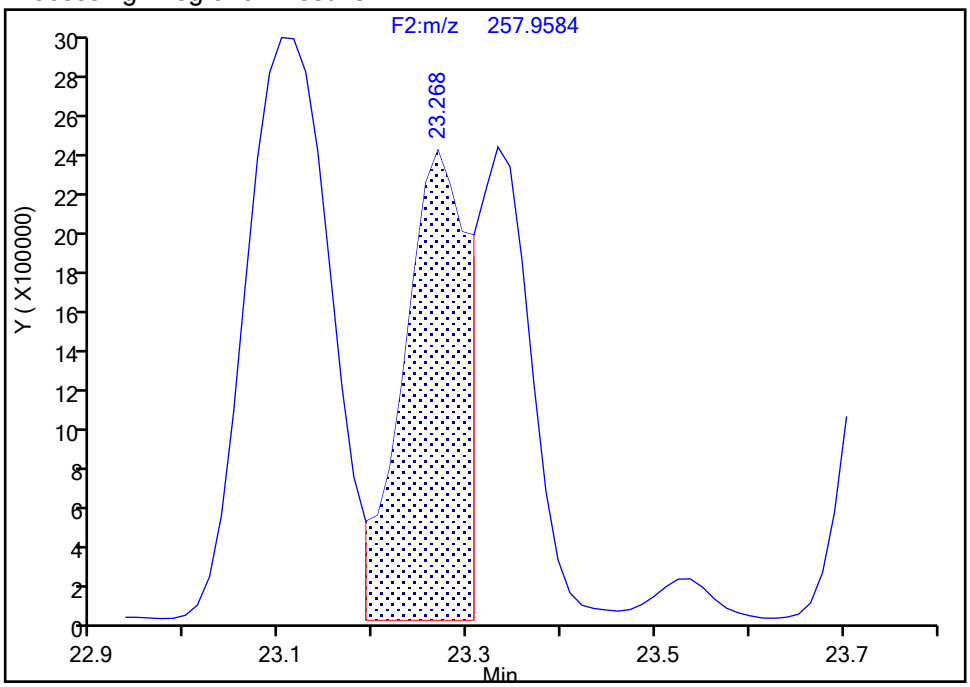
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 2

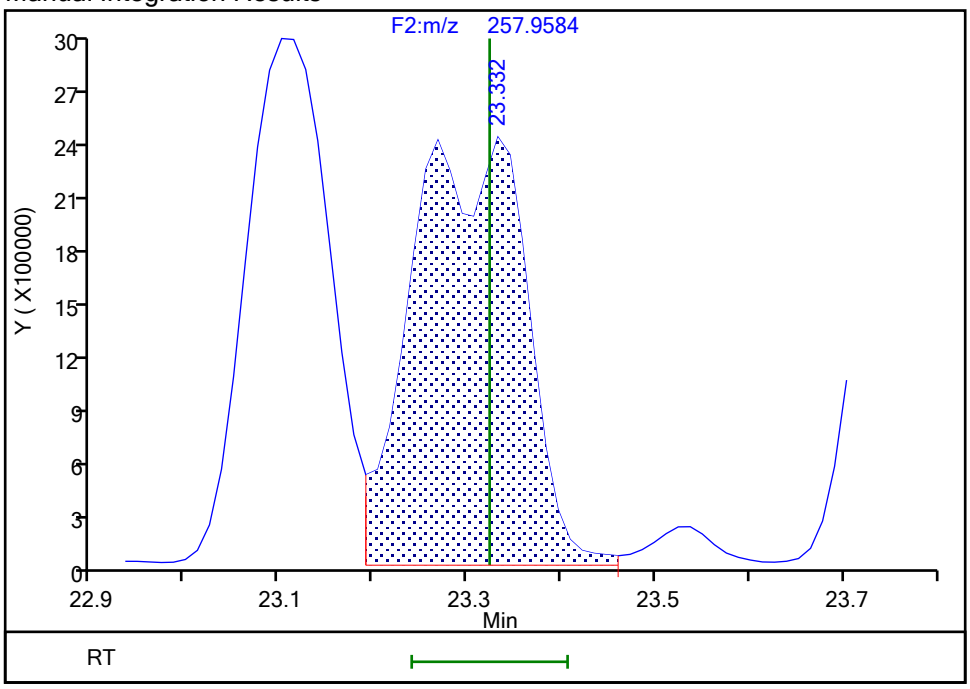
Processing Integration Results

RT: 23.27
Area: 10704029
Amount: 58.760362
Amount Units: pg/ul



Manual Integration Results

RT: 23.33
Area: 19962091
Amount: 108.9484
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:14:16
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

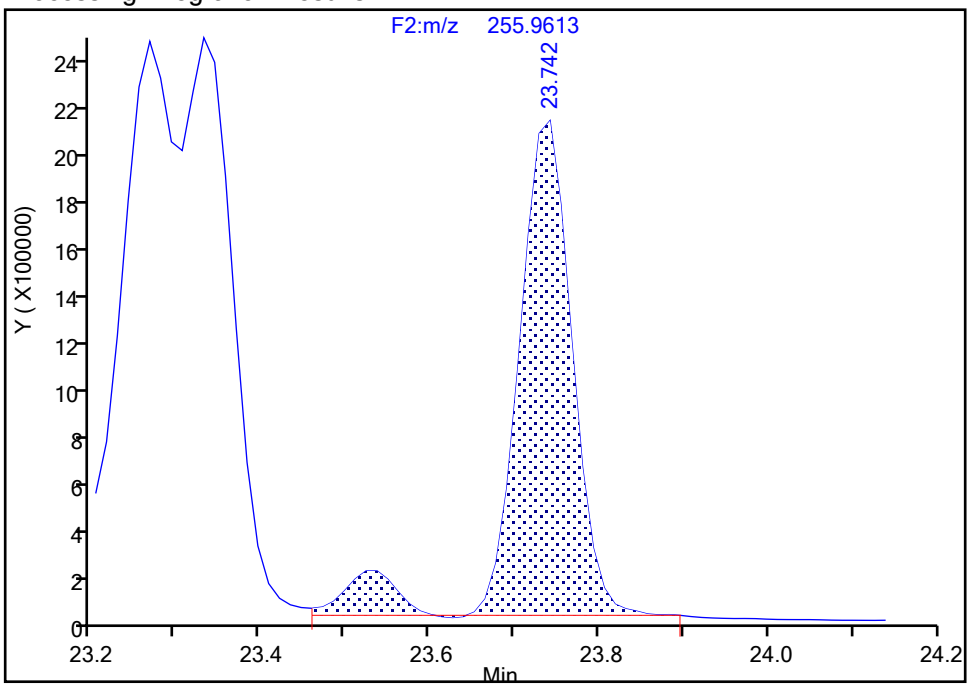
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-22, CAS: 38444-85-8

Signal: 1

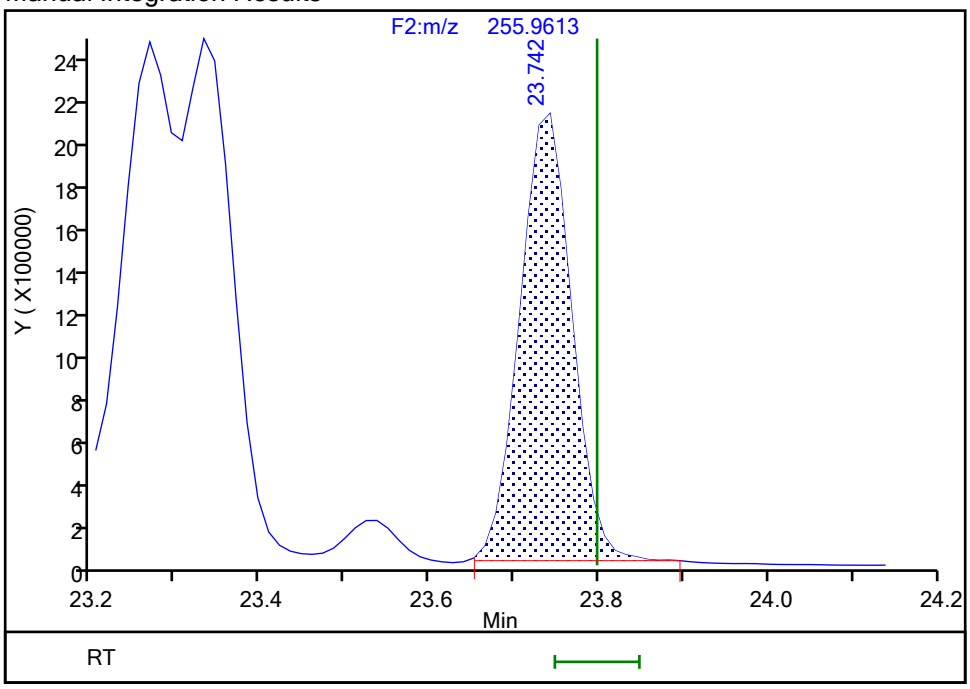
Processing Integration Results

RT: 23.74
Area: 9768155
Amount: 46.887160
Amount Units: pg/ul



Manual Integration Results

RT: 23.74
Area: 8962426
Amount: 44.850441
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:14:26
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

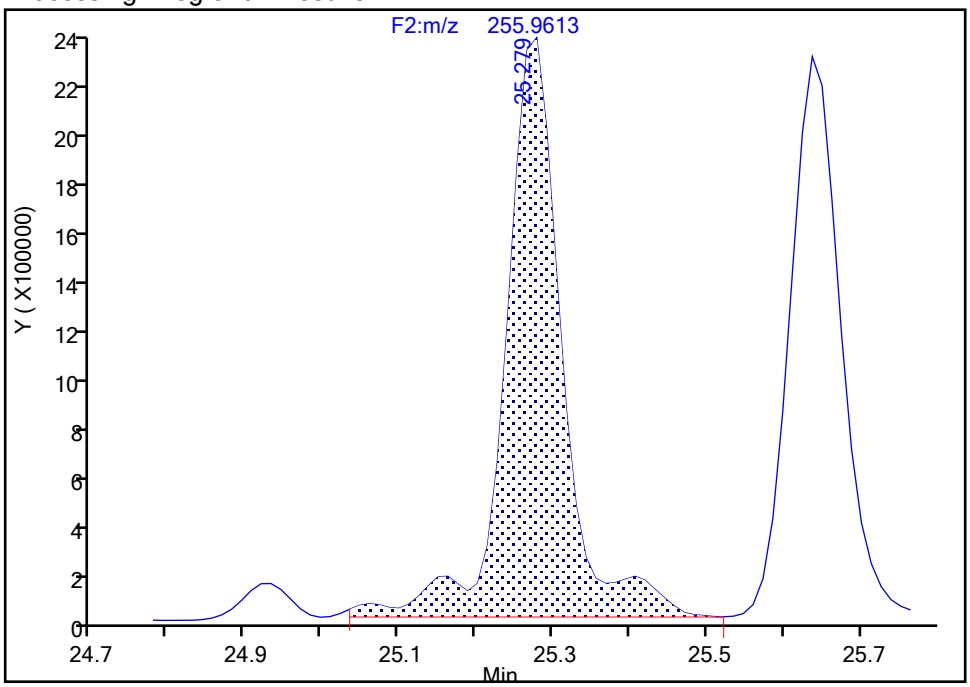
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-36, CAS: 38444-87-0

Signal: 1

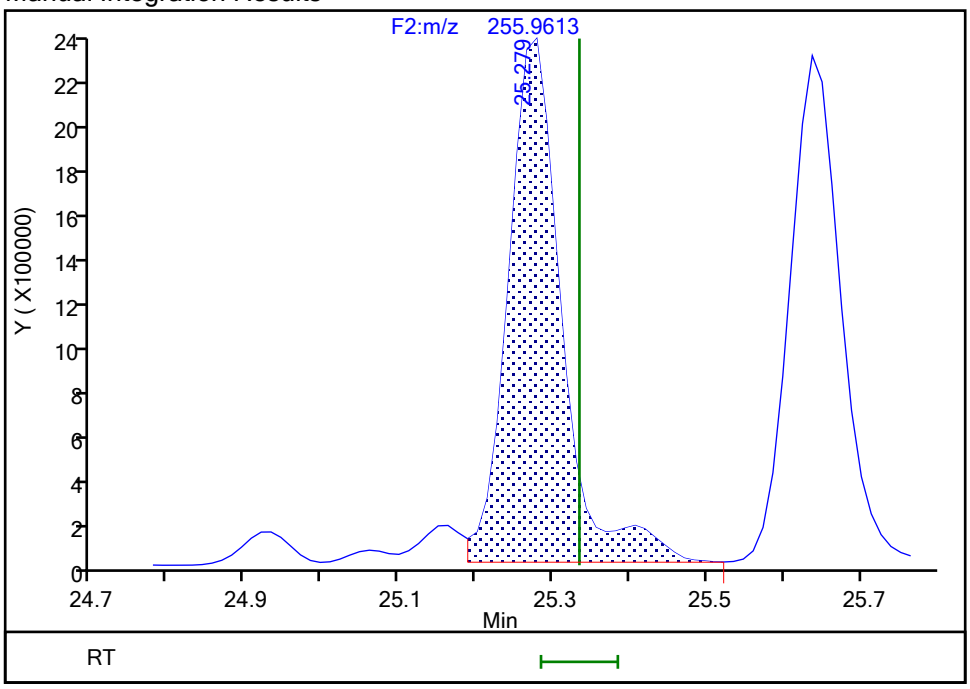
Processing Integration Results

RT: 25.28
Area: 11990917
Amount: 53.430035
Amount Units: pg/ul



Manual Integration Results

RT: 25.28
Area: 11224319
Amount: 50.013298
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:14:37
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

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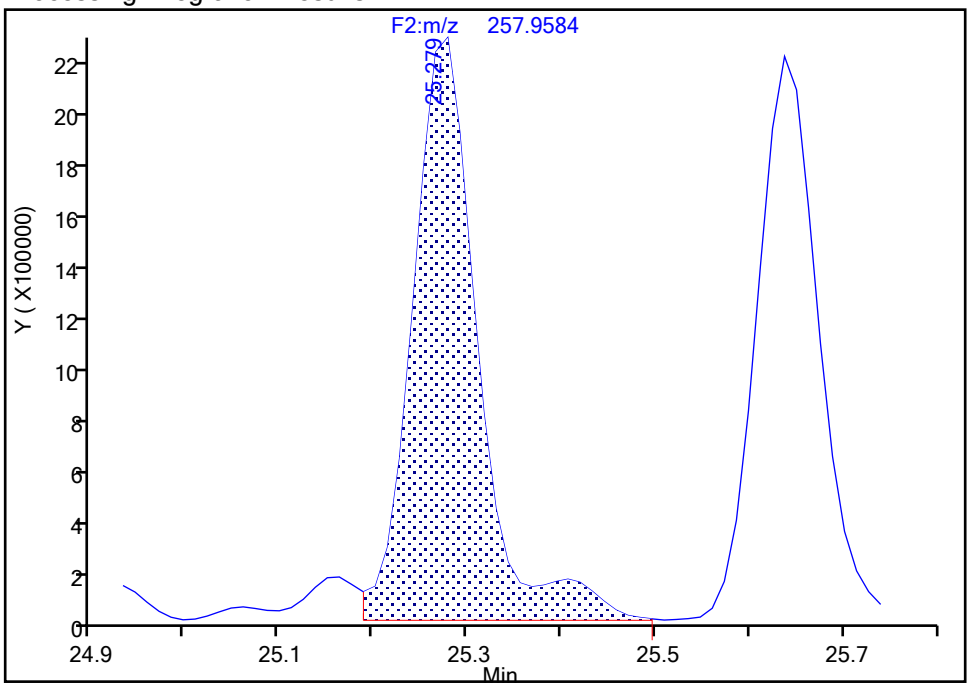
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-36, CAS: 38444-87-0

Signal: 2

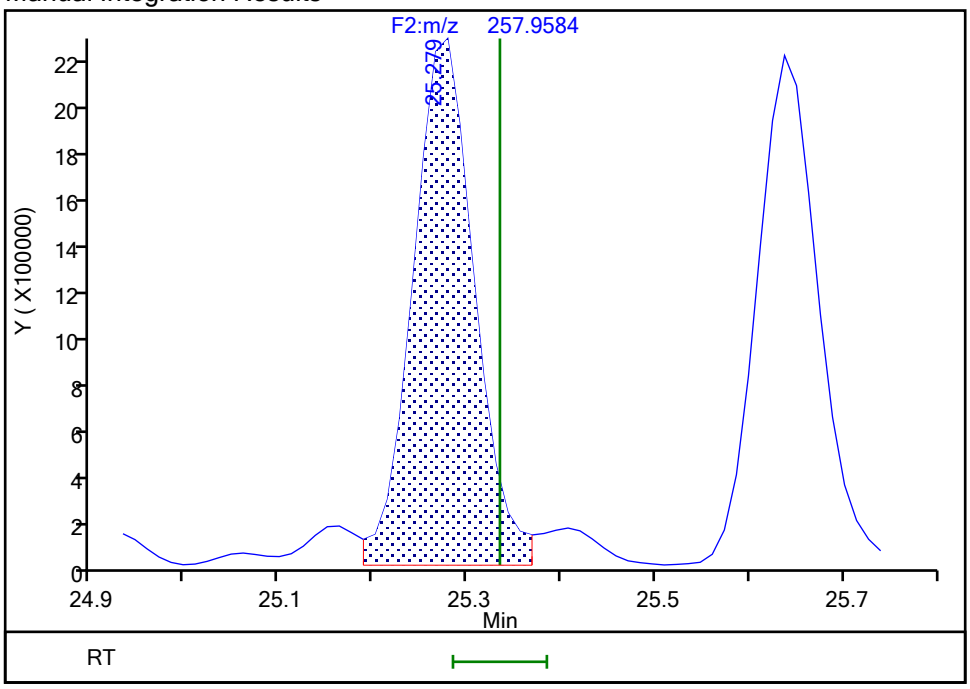
Processing Integration Results

RT: 25.28
Area: 10772936
Amount: 53.430035
Amount Units: pg/ul



Manual Integration Results

RT: 25.28
Area: 10083834
Amount: 50.013298
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:14:45
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

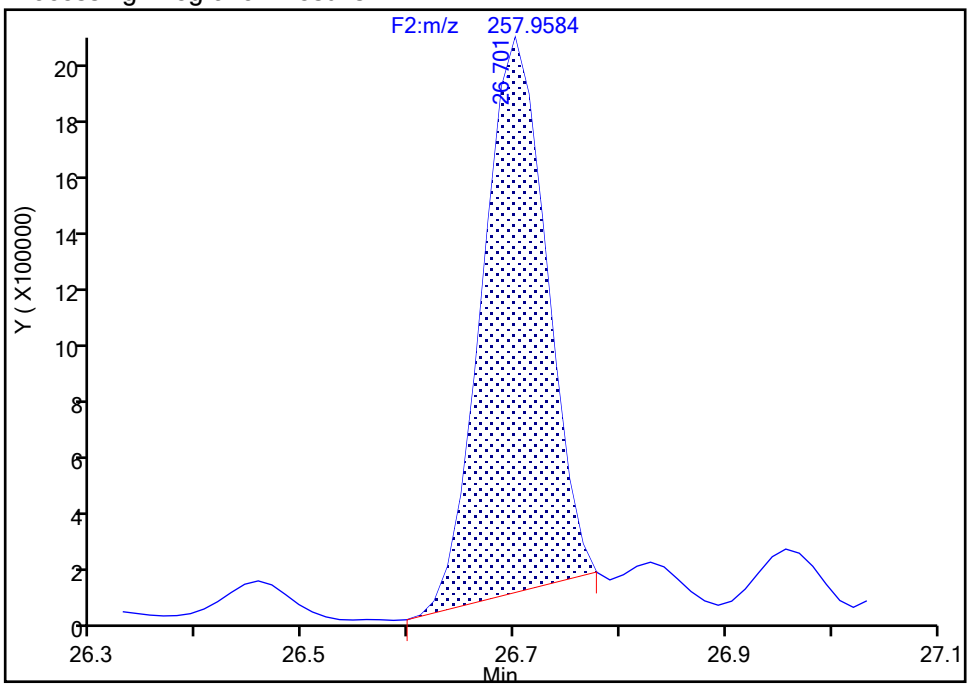
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-35, CAS: 37680-69-6

Signal: 2

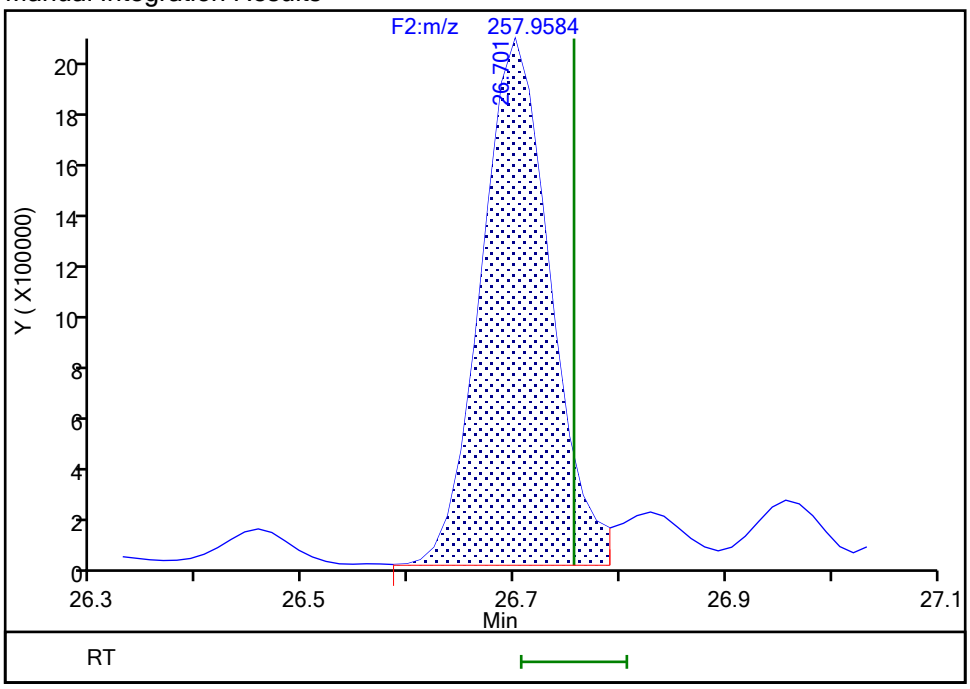
Processing Integration Results

RT: 26.70
Area: 8340716
Amount: 51.192819
Amount Units: pg/ul



Manual Integration Results

RT: 26.70
Area: 9433066
Amount: 51.491304
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:14:57
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

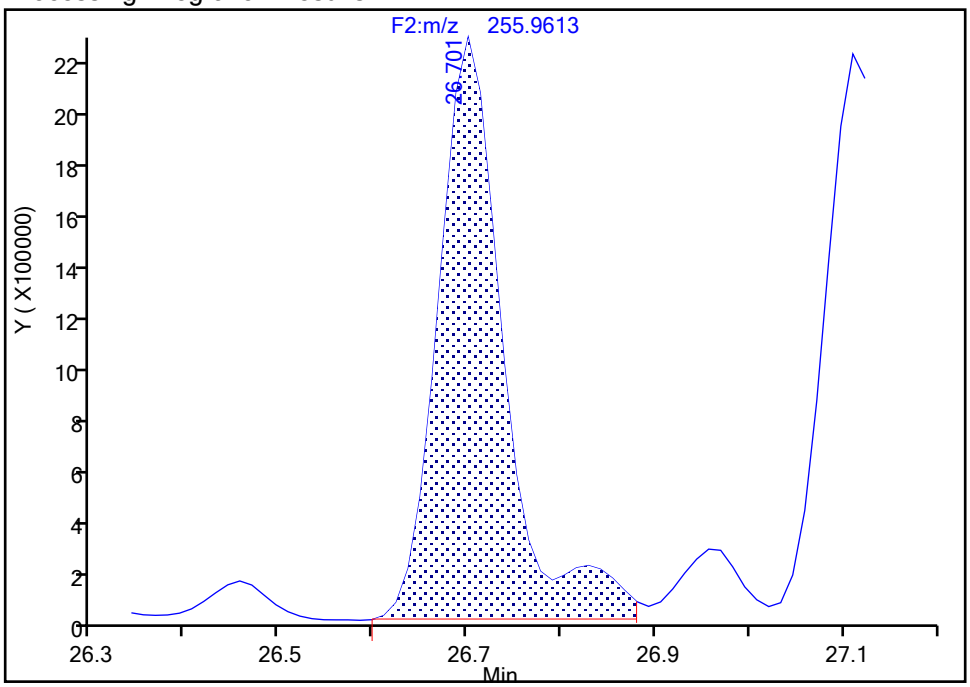
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-35, CAS: 37680-69-6

Signal: 1

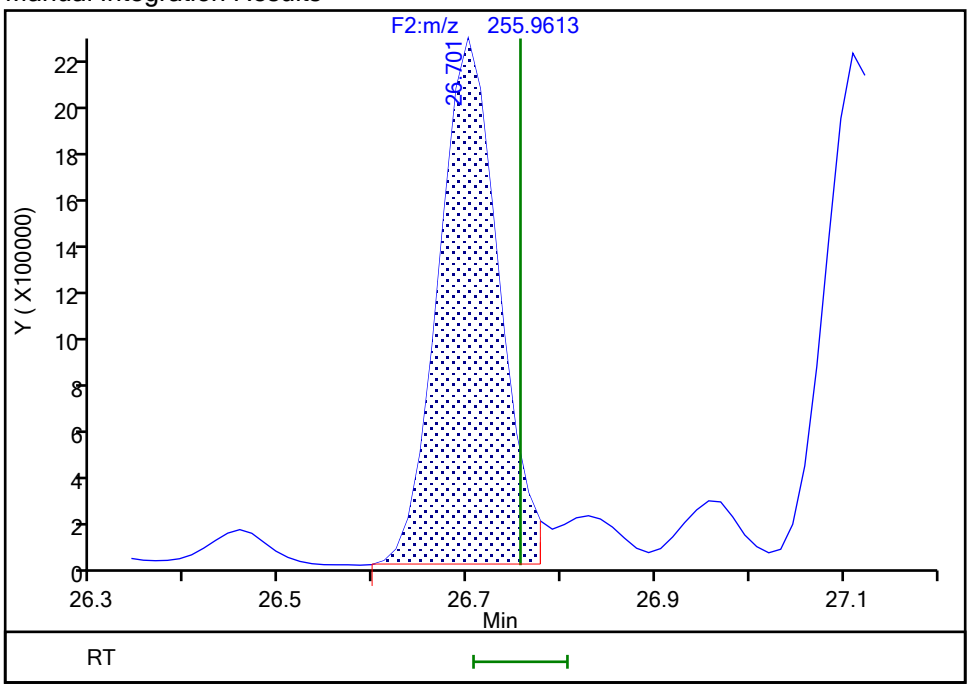
Processing Integration Results

RT: 26.70
Area: 10705519
Amount: 51.192819
Amount Units: pg/ul



Manual Integration Results

RT: 26.70
Area: 9724220
Amount: 51.491304
Amount Units: pg/ul



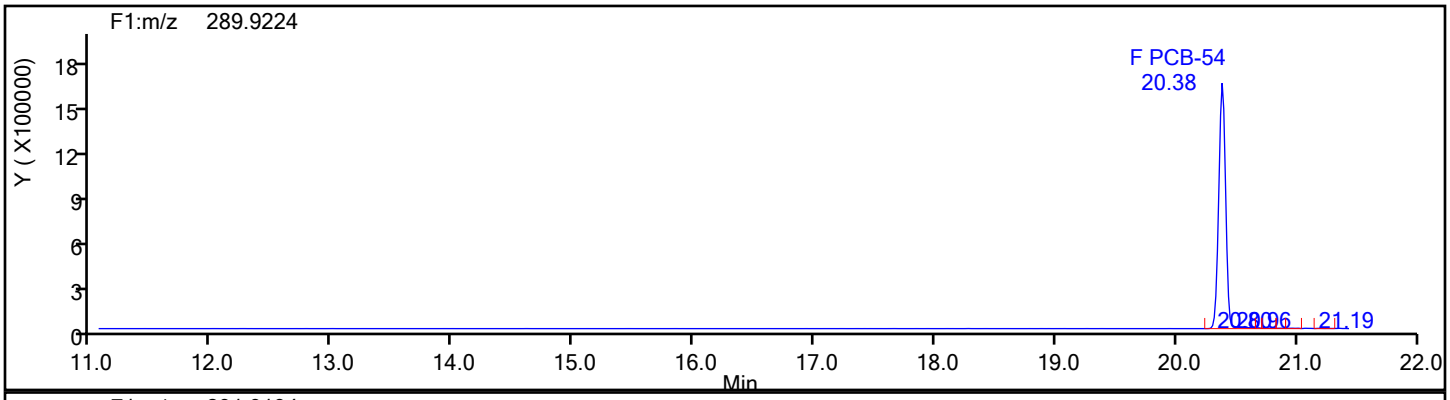
Reviewer: nordquistj, 09-Oct-2021 11:15:04
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

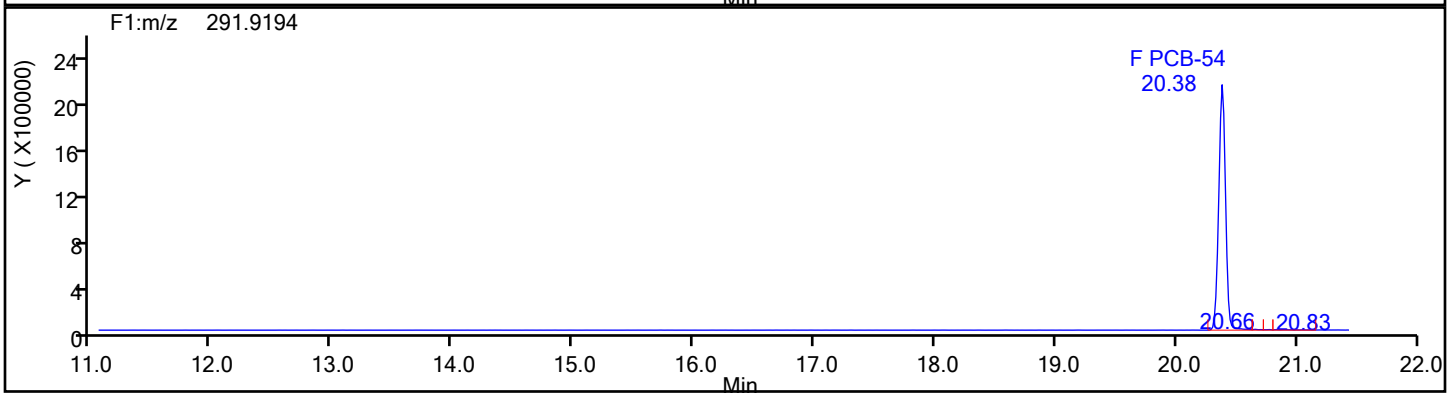
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

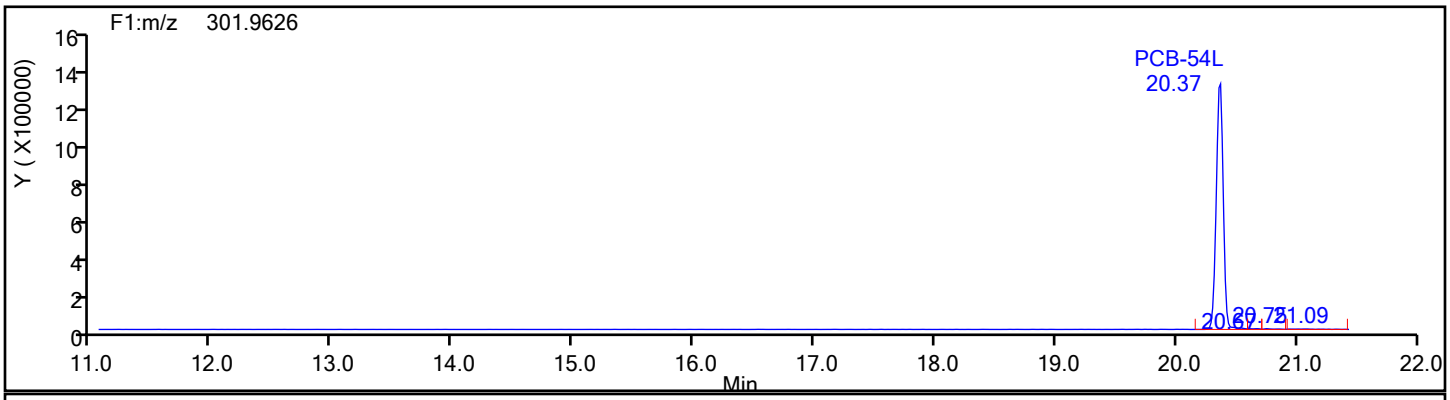
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

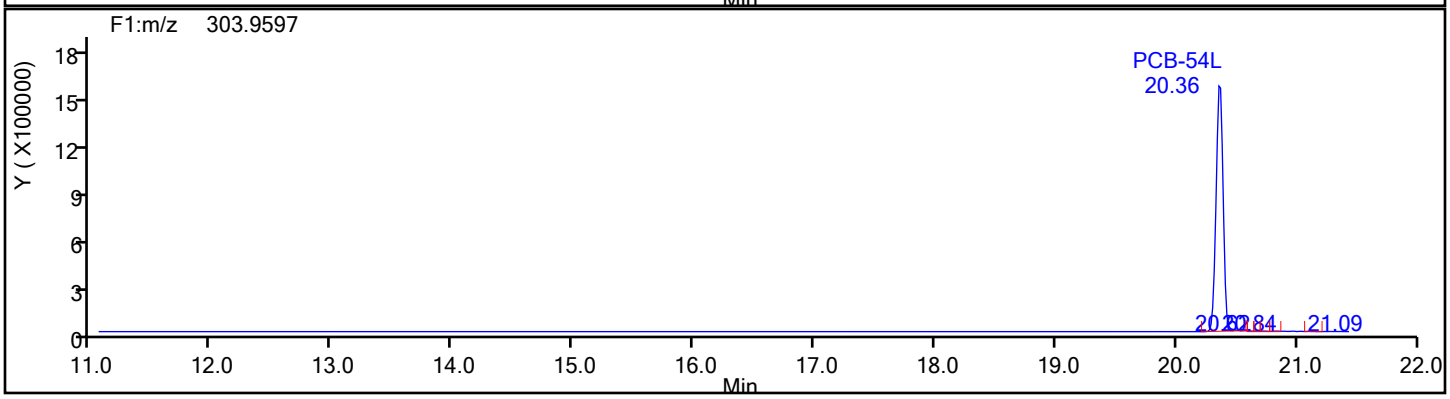
TePCB F1





TePCB F1 Standards



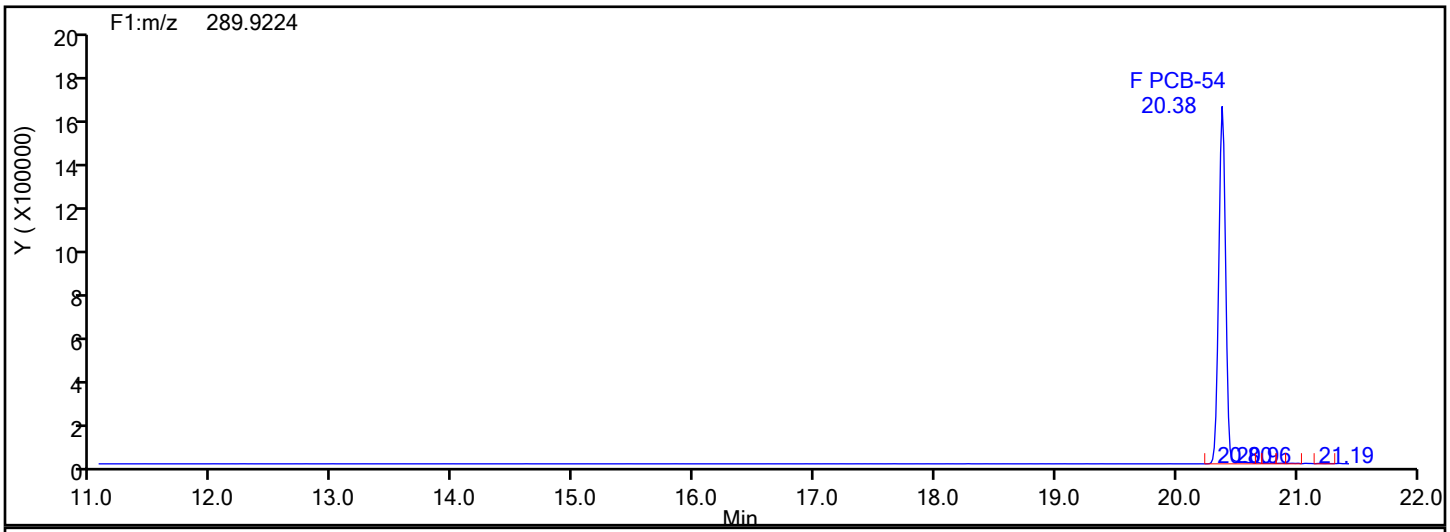


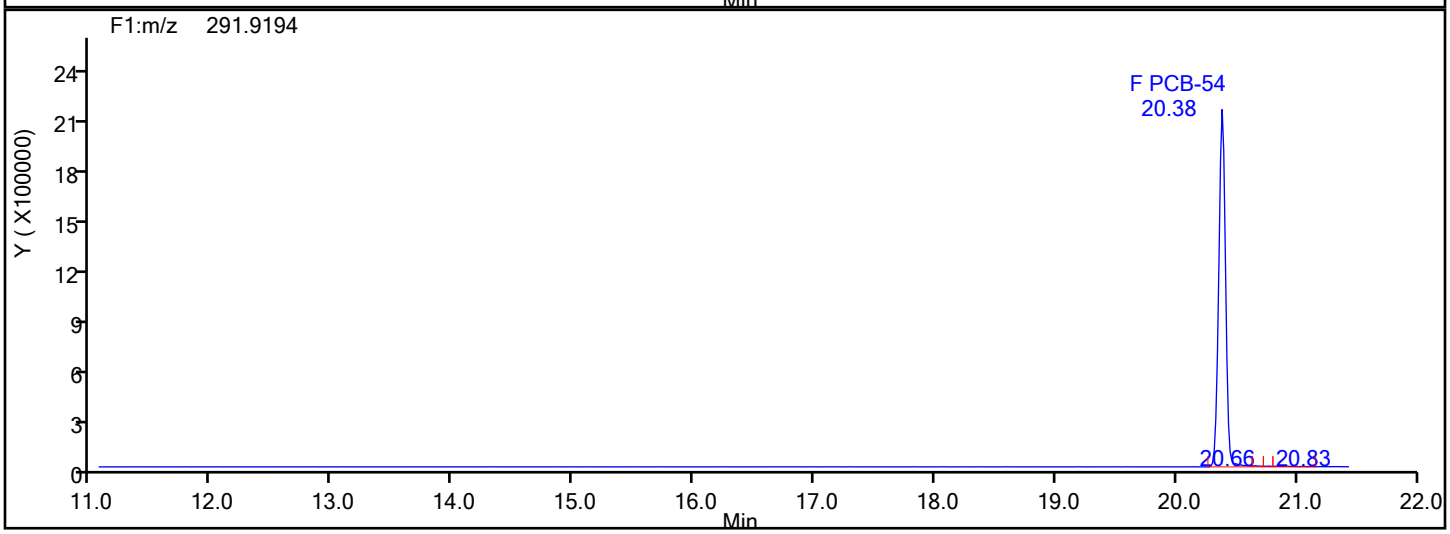
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

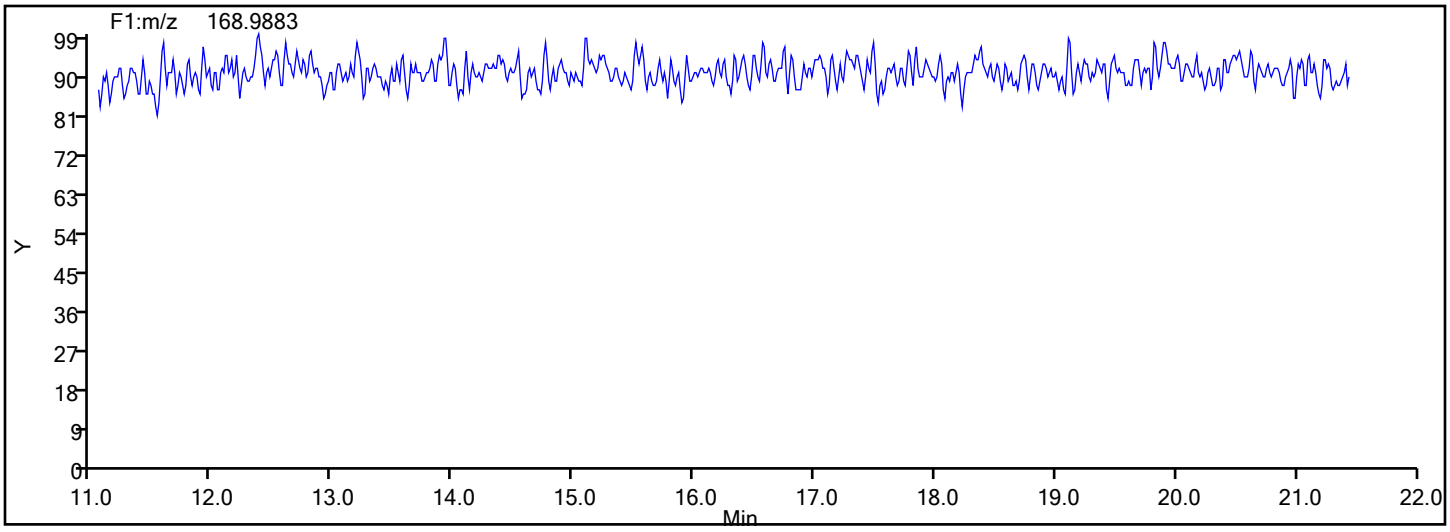
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass

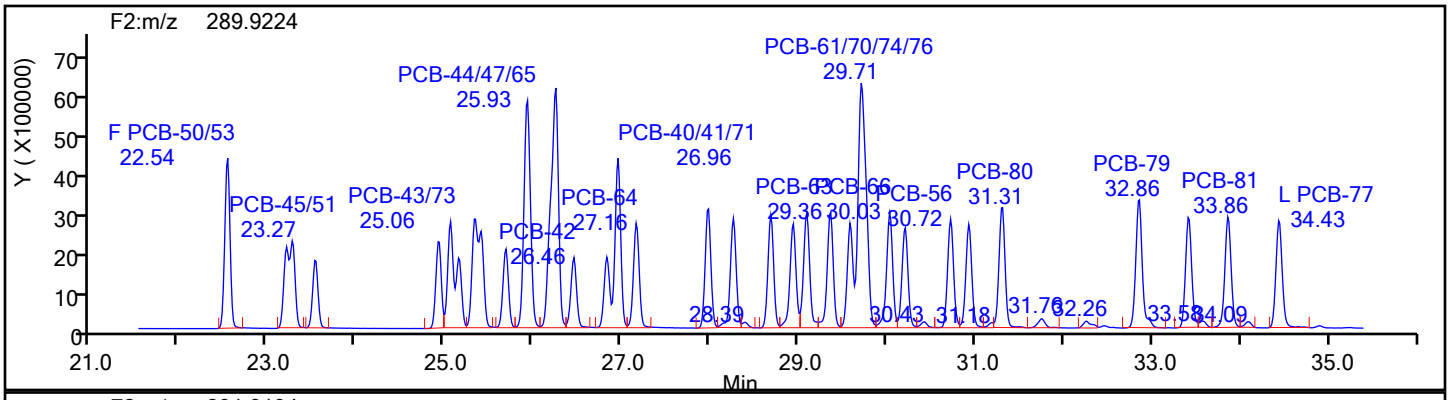


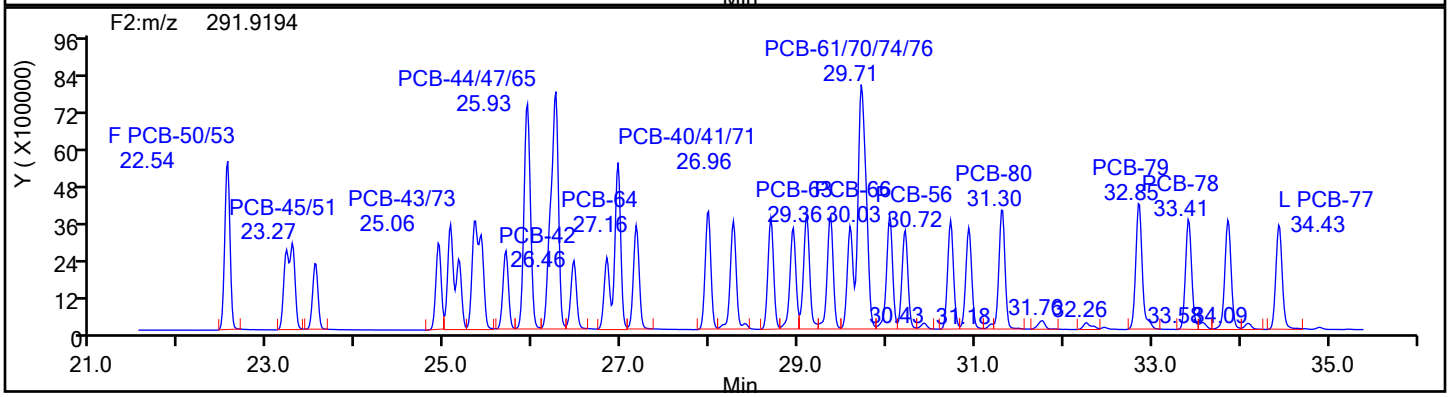
Report Date: 09-Oct-2021 20:35:03 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

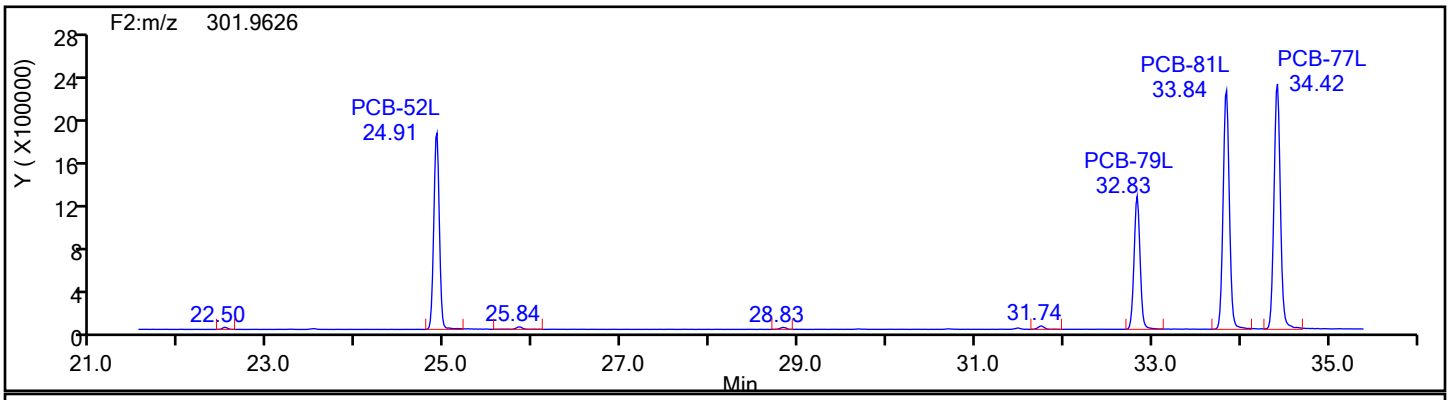
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

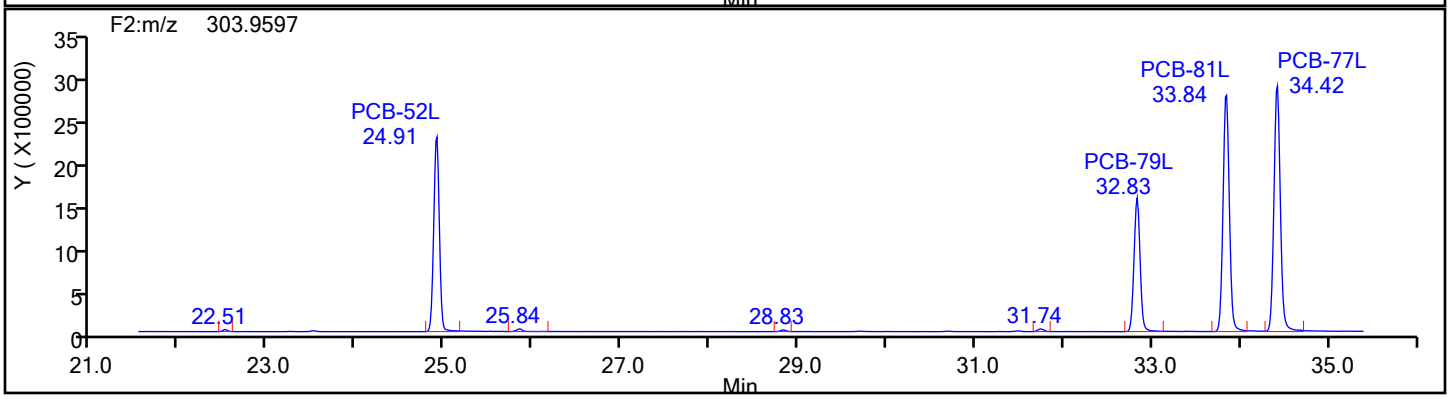
TePCB F2





TePCB F2 Standards



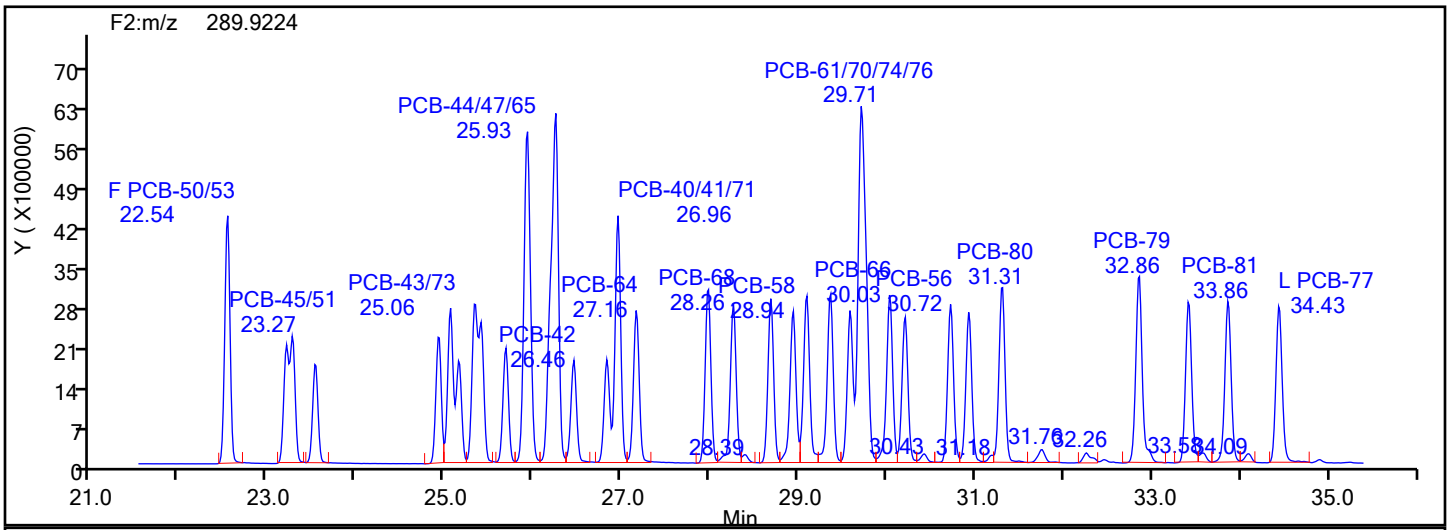


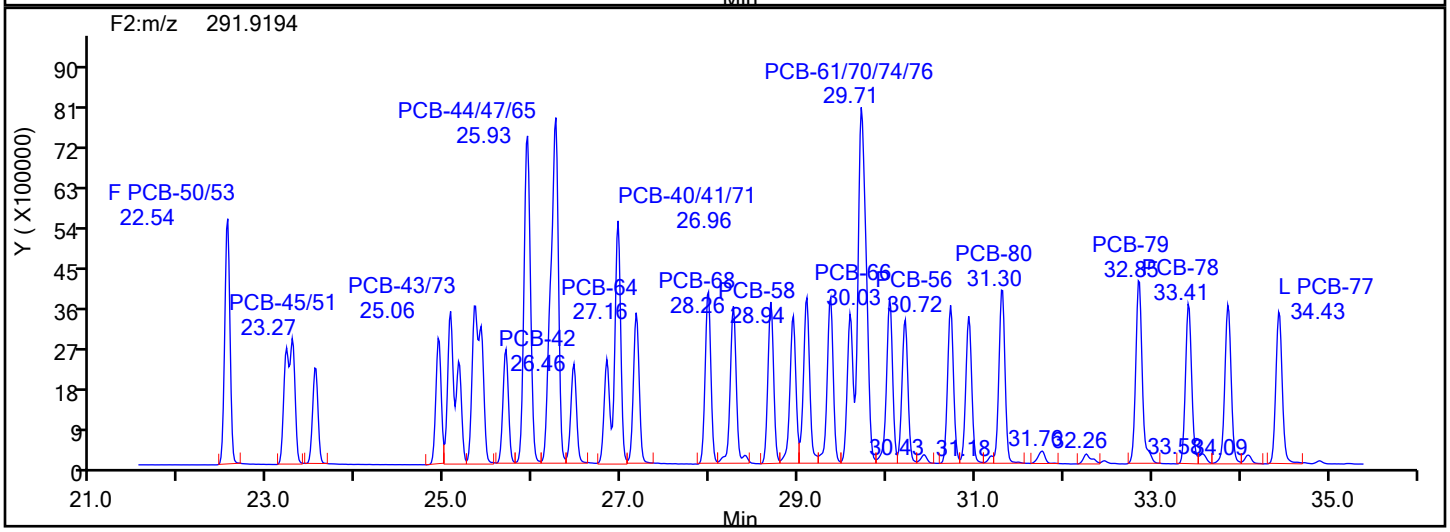
Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

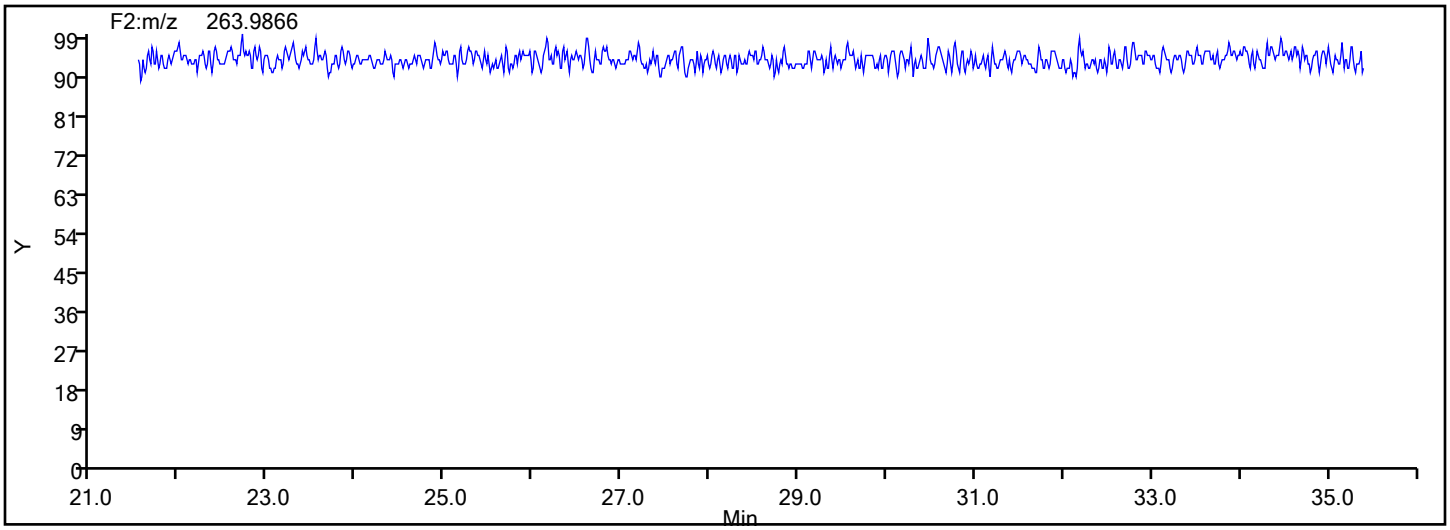
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

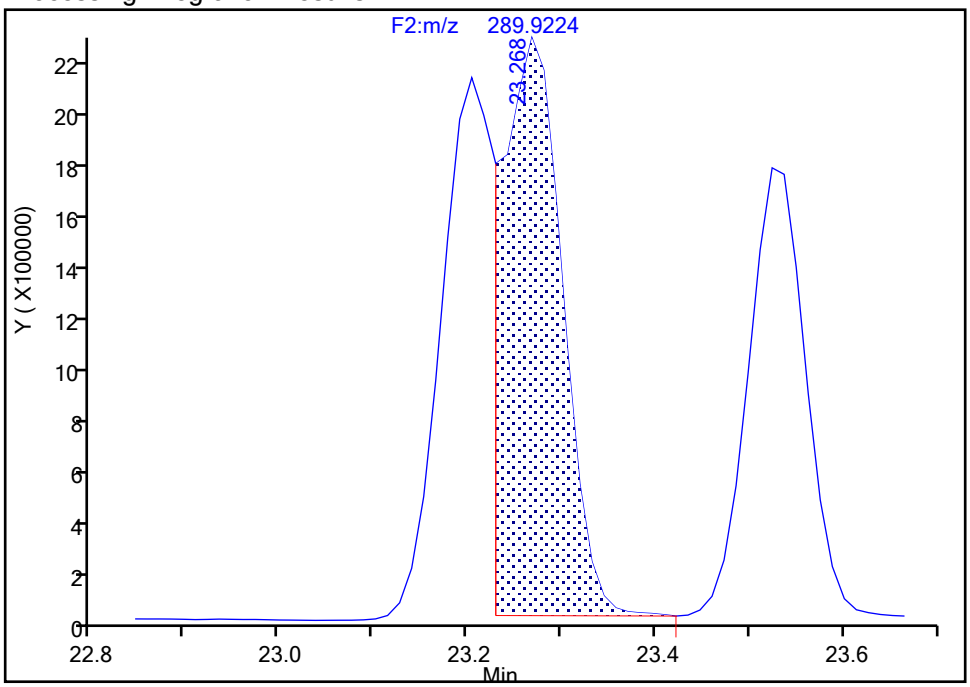
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-45/51, CAS: STL01804

Signal: 1

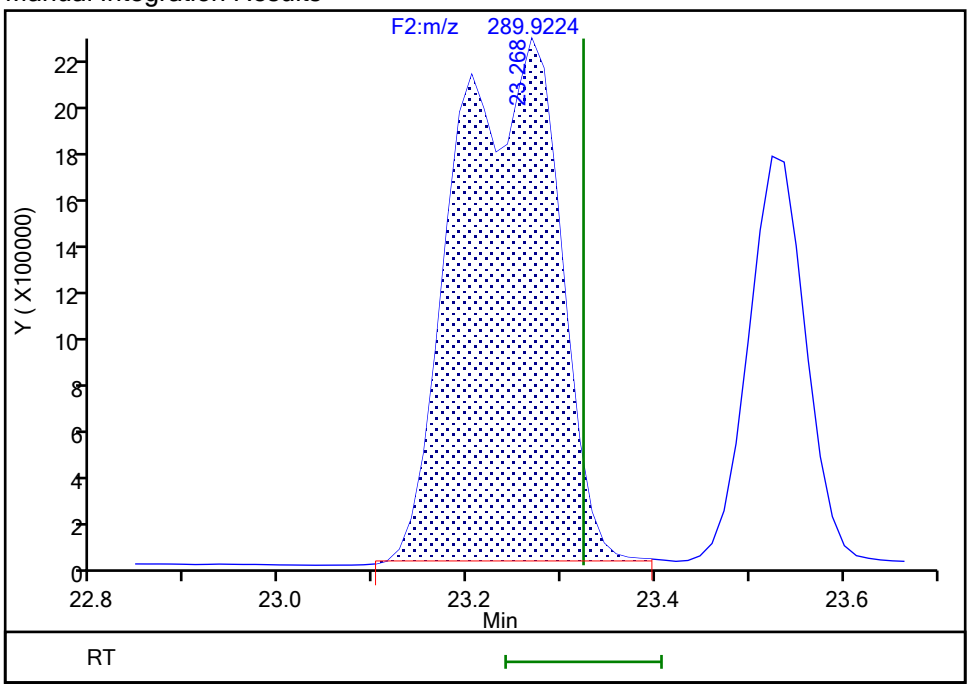
Processing Integration Results

RT: 23.27
Area: 9578433
Amount: 119.3356
Amount Units: pg/ul



Manual Integration Results

RT: 23.27
Area: 17100454
Amount: 215.8872
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:15:24
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

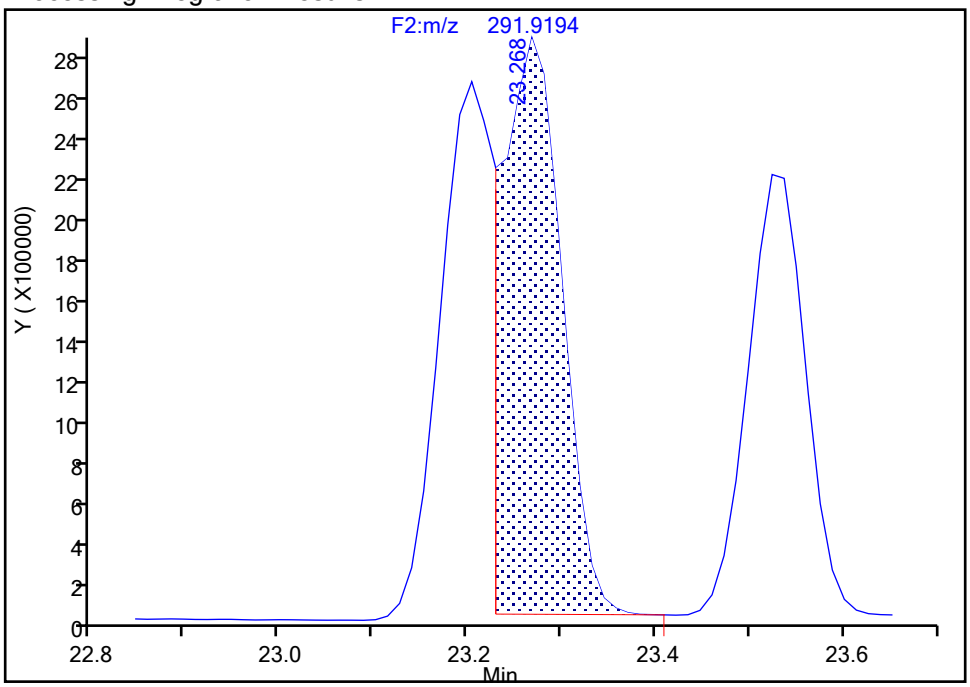
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-45/51, CAS: STL01804

Signal: 2

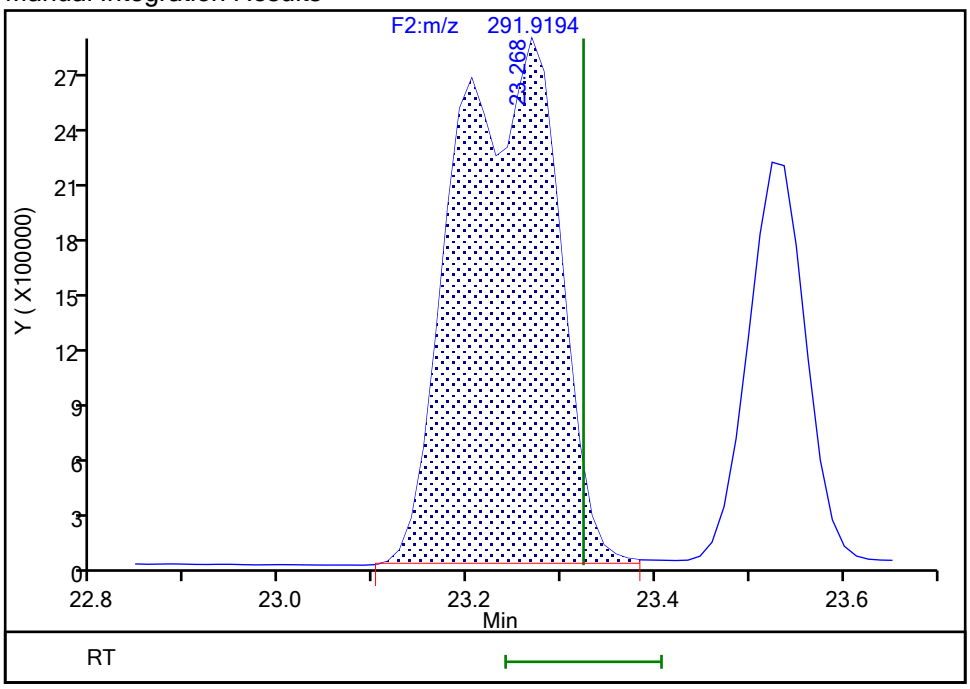
Processing Integration Results

RT: 23.27
Area: 11953002
Amount: 119.3356
Amount Units: pg/ul



Manual Integration Results

RT: 23.27
Area: 21851542
Amount: 215.8872
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:15:29
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

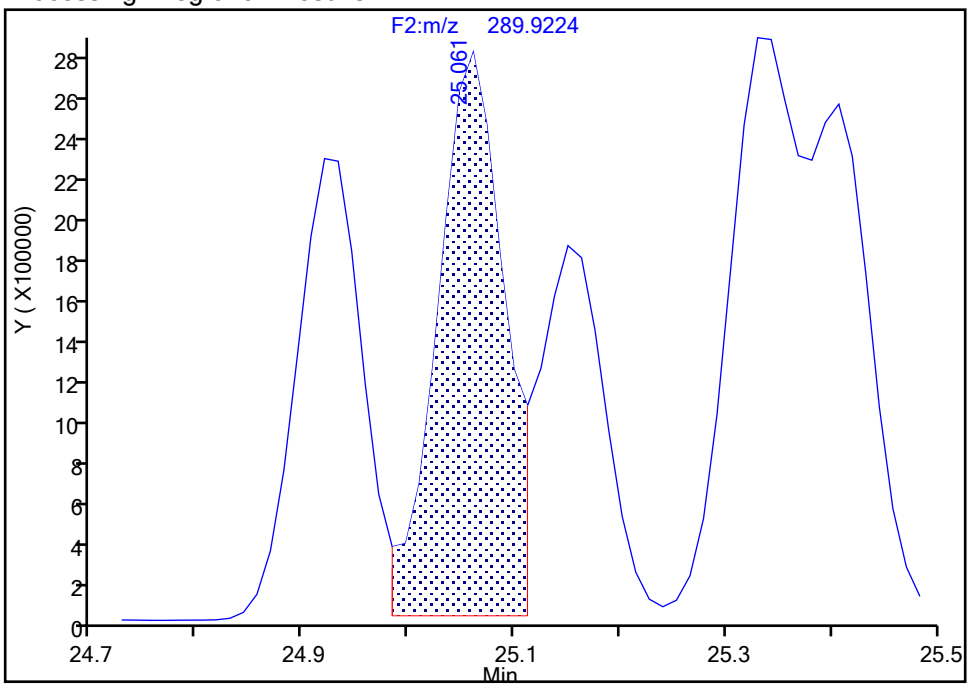
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 1

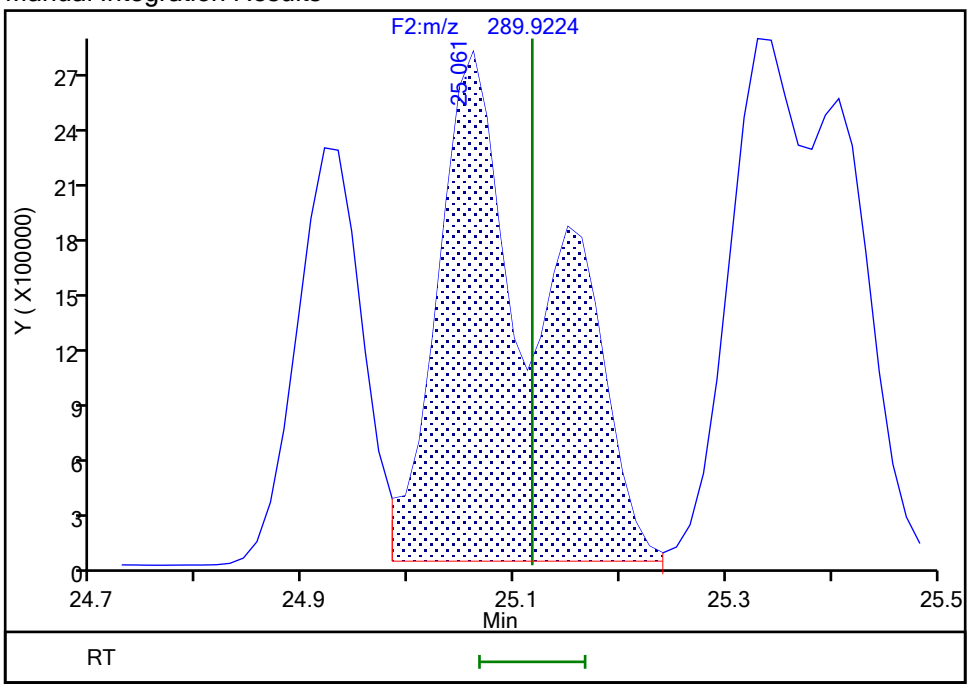
Processing Integration Results

RT: 25.06
Area: 11766247
Amount: 116.6262
Amount Units: pg/ul



Manual Integration Results

RT: 25.06
Area: 19313157
Amount: 192.5980
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:15:42
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

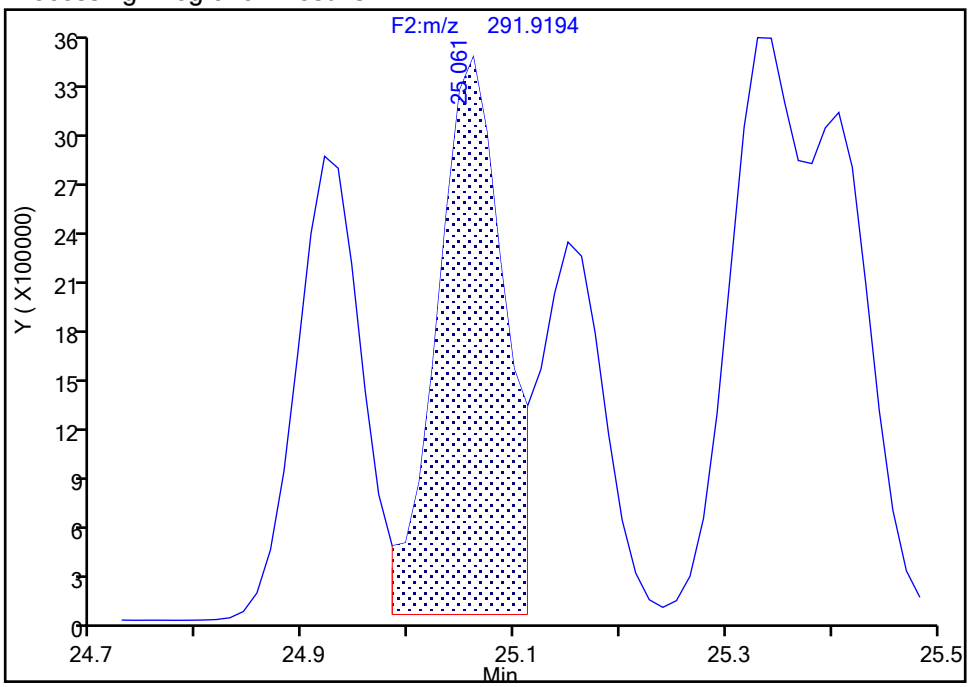
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 2

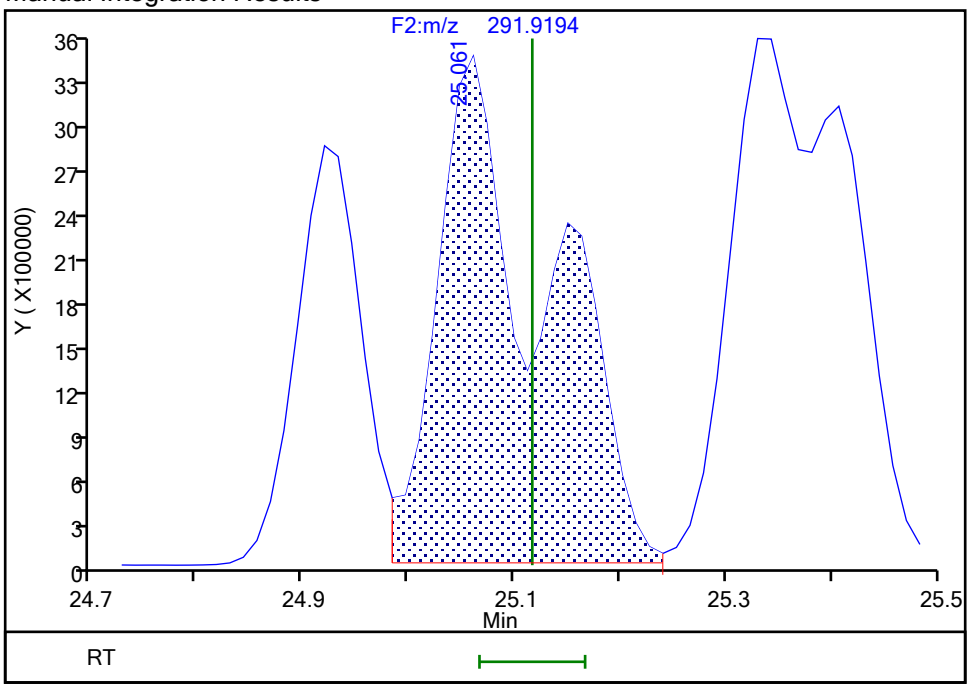
Processing Integration Results

RT: 25.06
Area: 14897306
Amount: 116.6262
Amount Units: pg/ul



Manual Integration Results

RT: 25.06
Area: 24719360
Amount: 192.5980
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:16:06
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

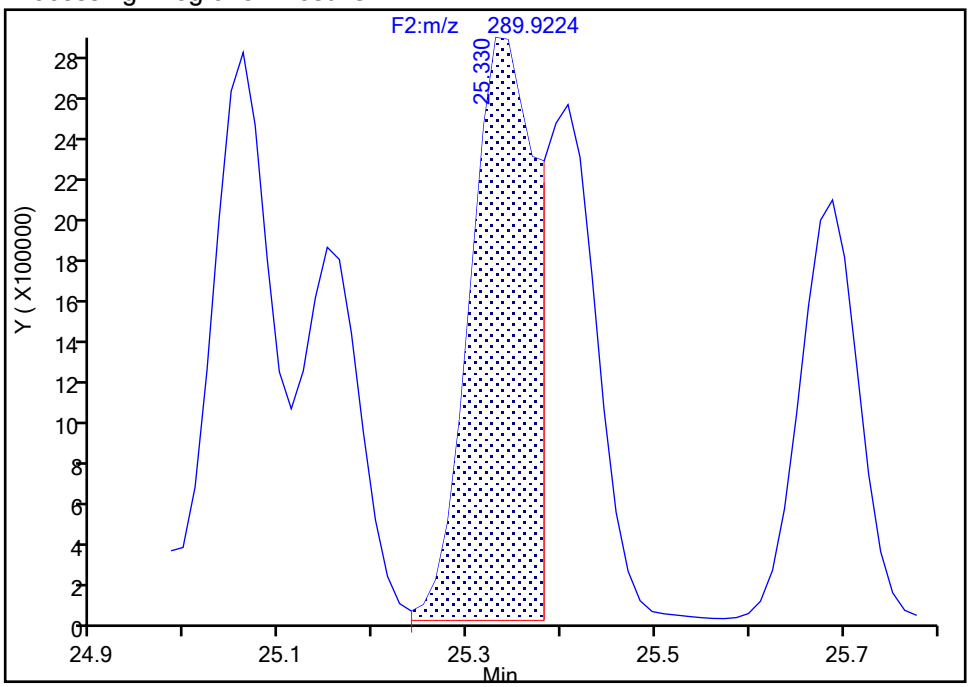
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-49/69, CAS: STL01805

Signal: 1

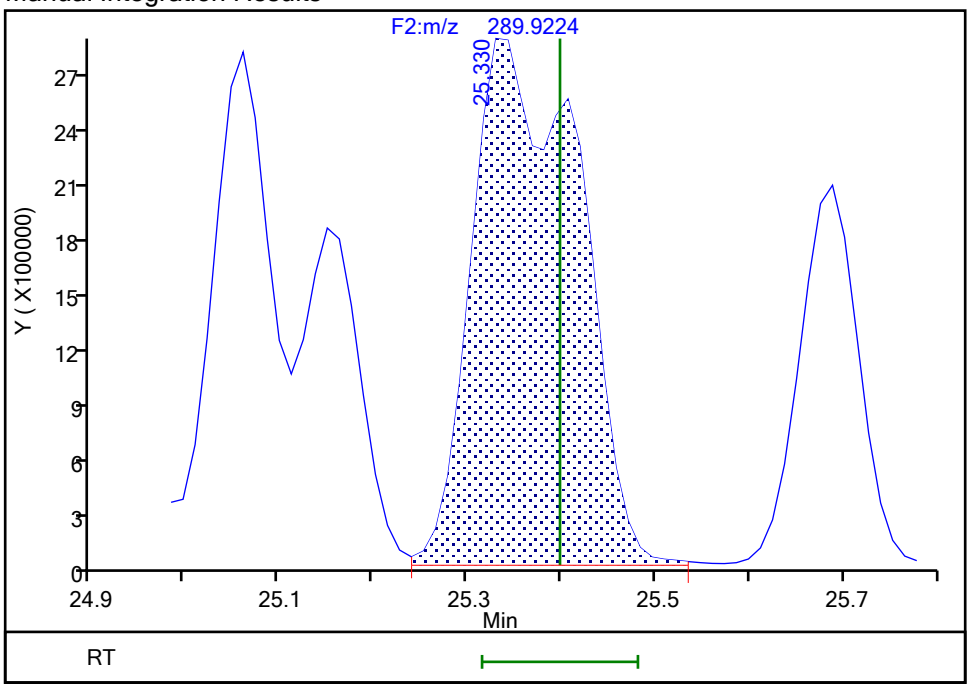
Processing Integration Results

RT: 25.33
Area: 13174785
Amount: 130.4890
Amount Units: pg/ul



Manual Integration Results

RT: 25.33
Area: 22205799
Amount: 220.6188
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:16:17
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

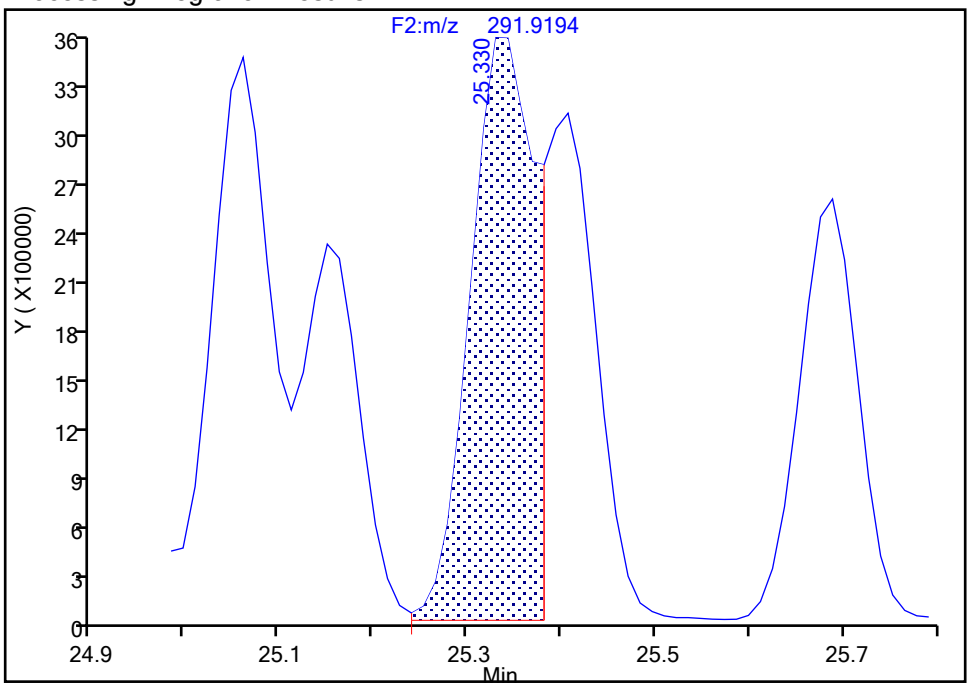
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-49/69, CAS: STL01805

Signal: 2

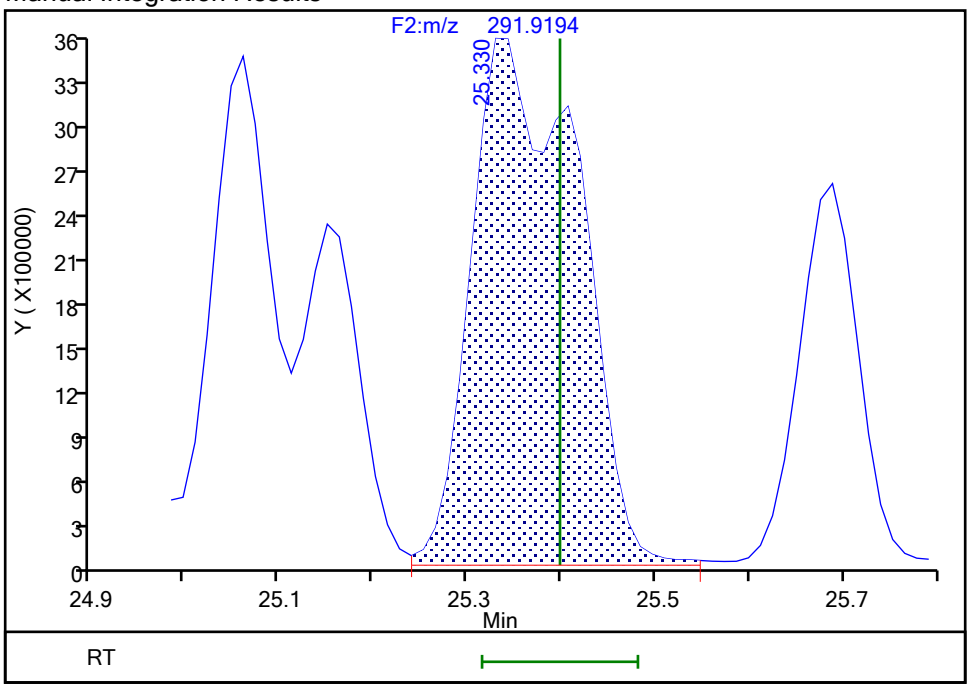
Processing Integration Results

RT: 25.33
Area: 16653569
Amount: 130.4890
Amount Units: pg/ul



Manual Integration Results

RT: 25.33
Area: 28225242
Amount: 220.6188
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:16:23

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

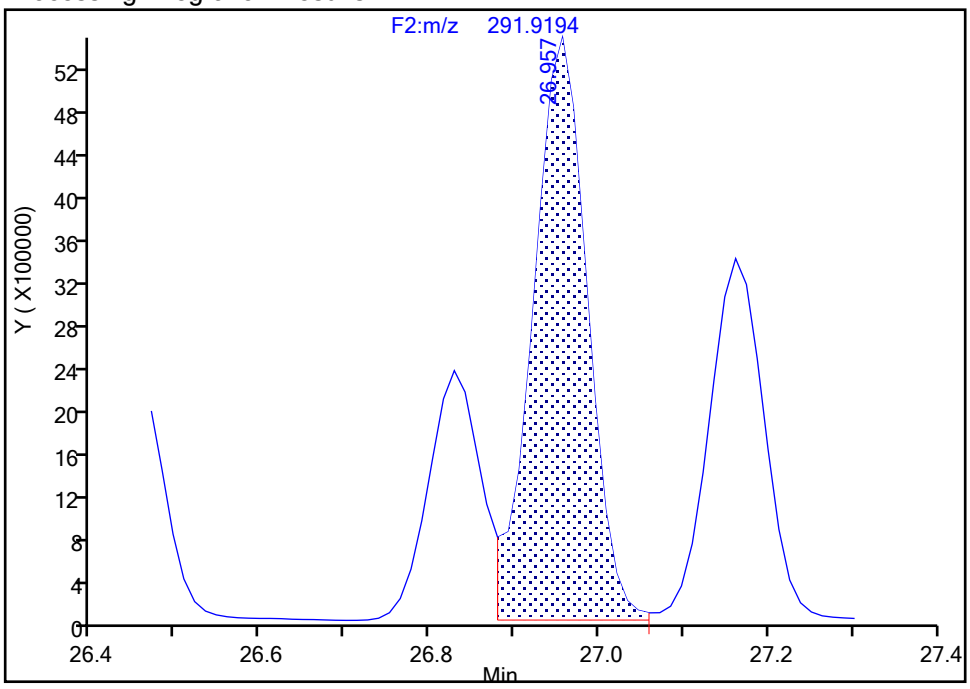
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-40/41/71, CAS: STL02292

Signal: 2

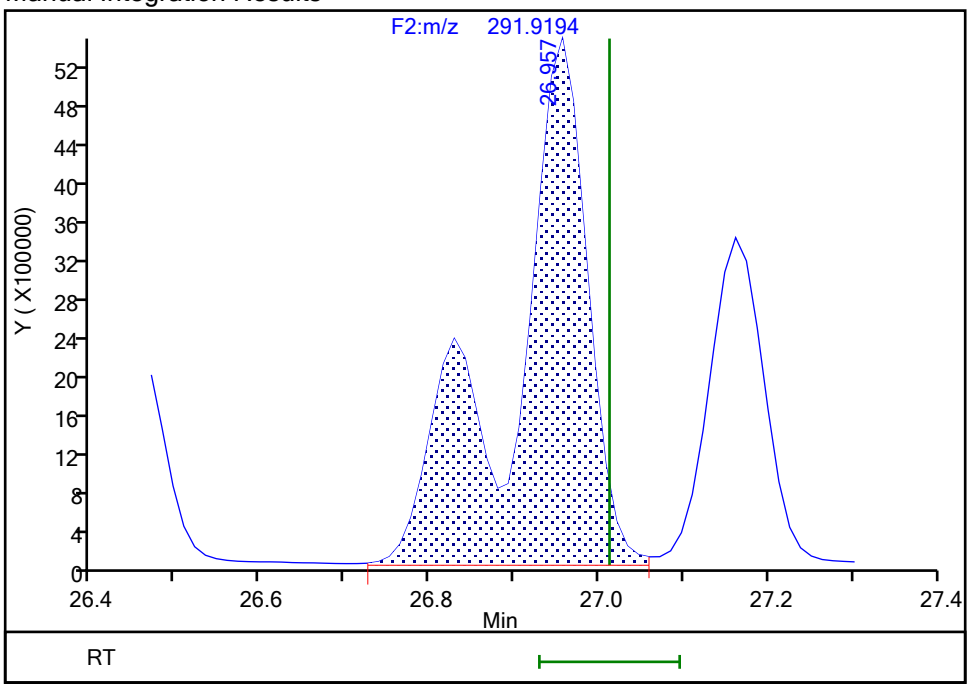
Processing Integration Results

RT: 26.96
Area: 24375509
Amount: 264.2750
Amount Units: pg/ul



Manual Integration Results

RT: 26.96
Area: 34645405
Amount: 316.9662
Amount Units: pg/ul



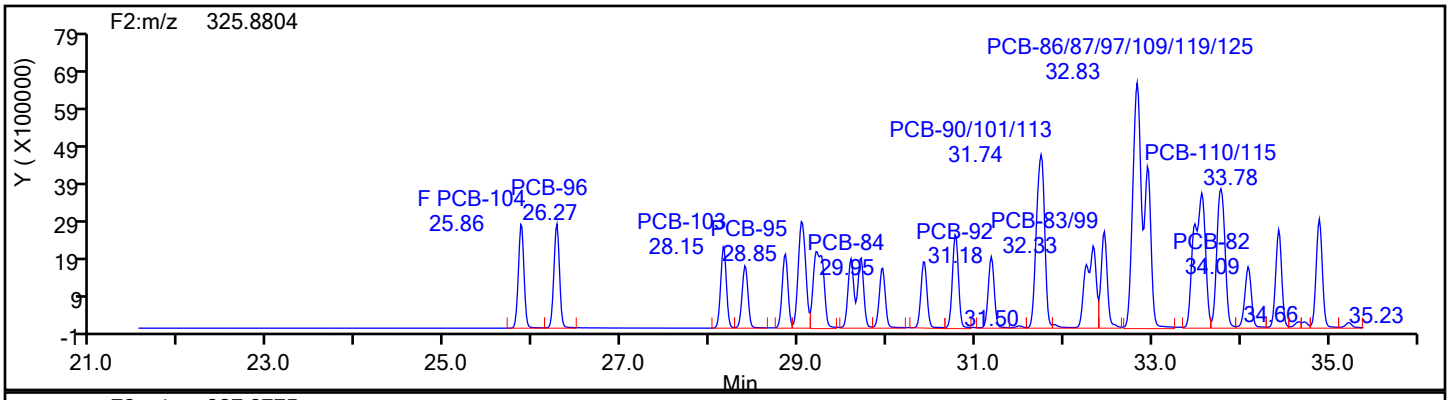
Reviewer: nordquistj, 09-Oct-2021 11:16:39
Audit Action: Manually Integrated Audit Reason: Split Peak

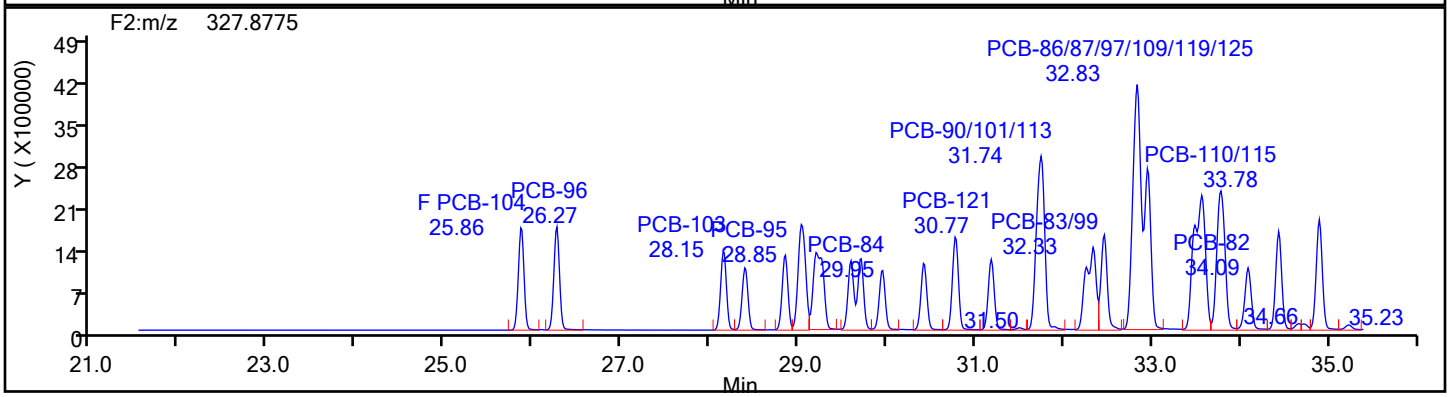
Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

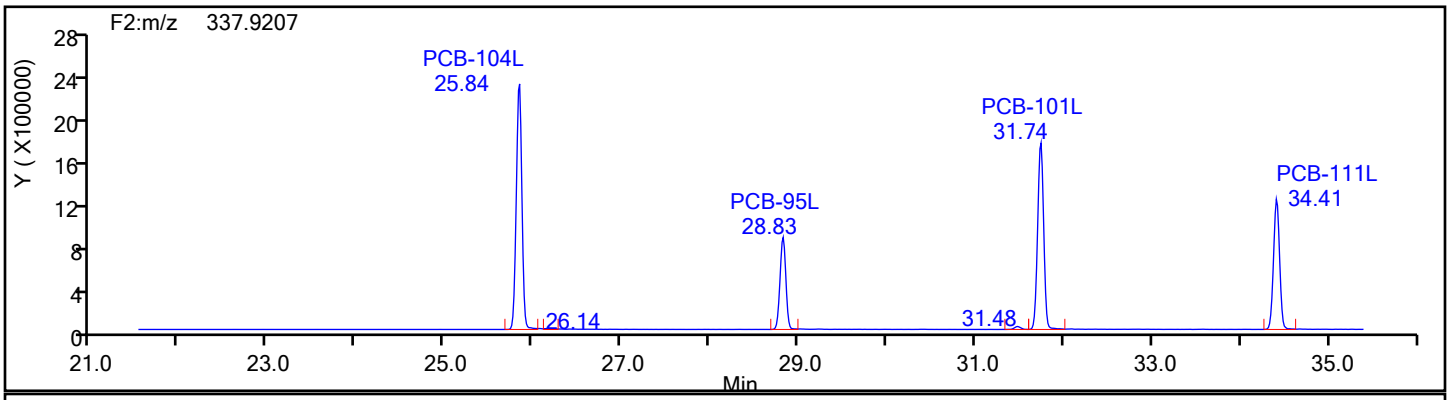
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

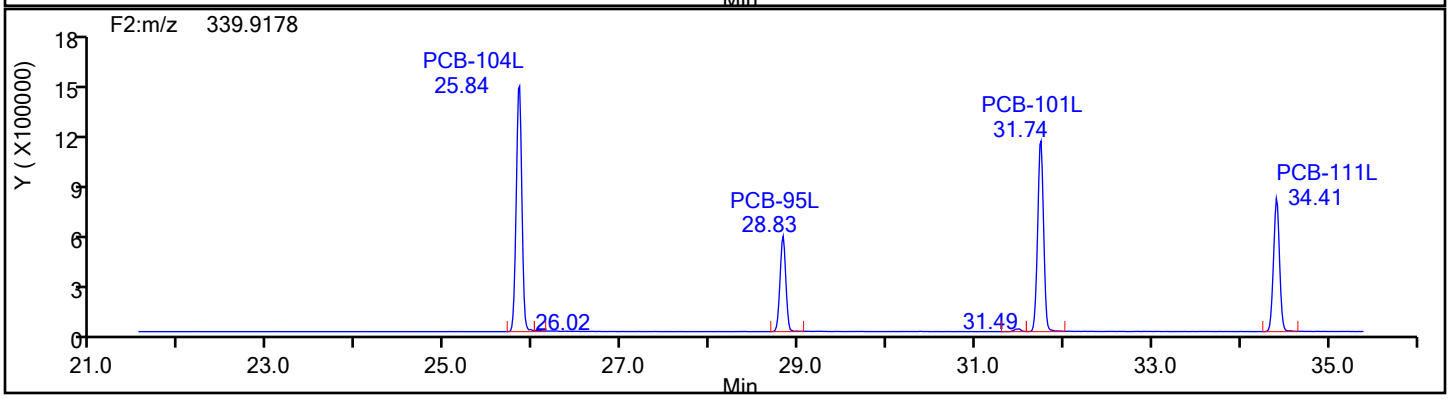
PePCB F2





PePCB F2 Standards



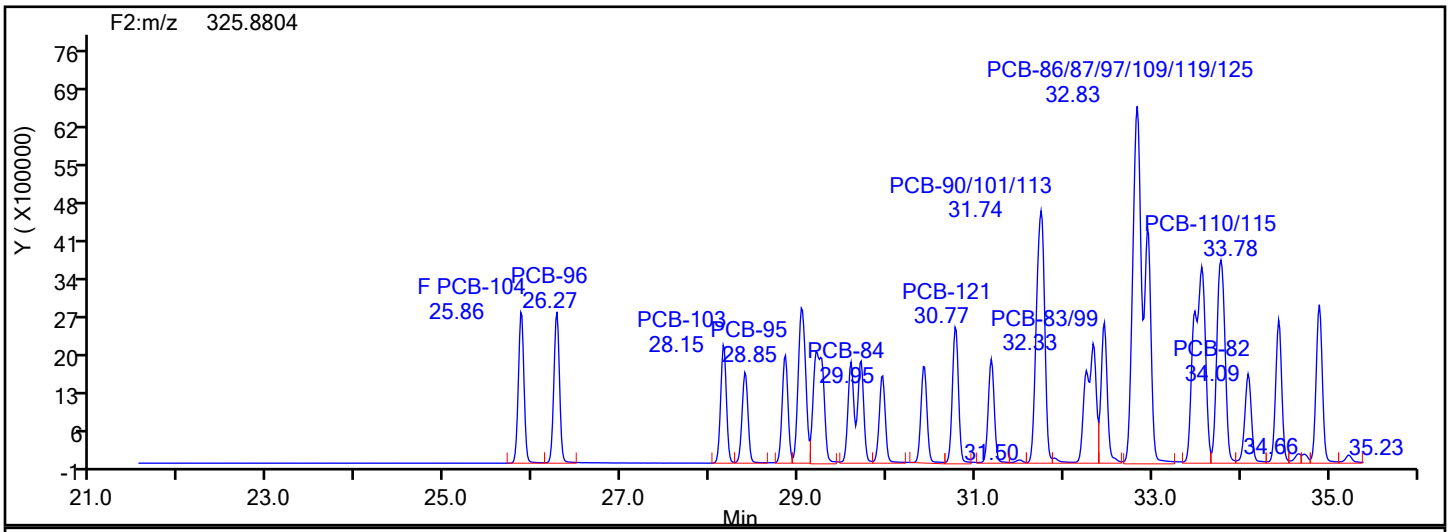


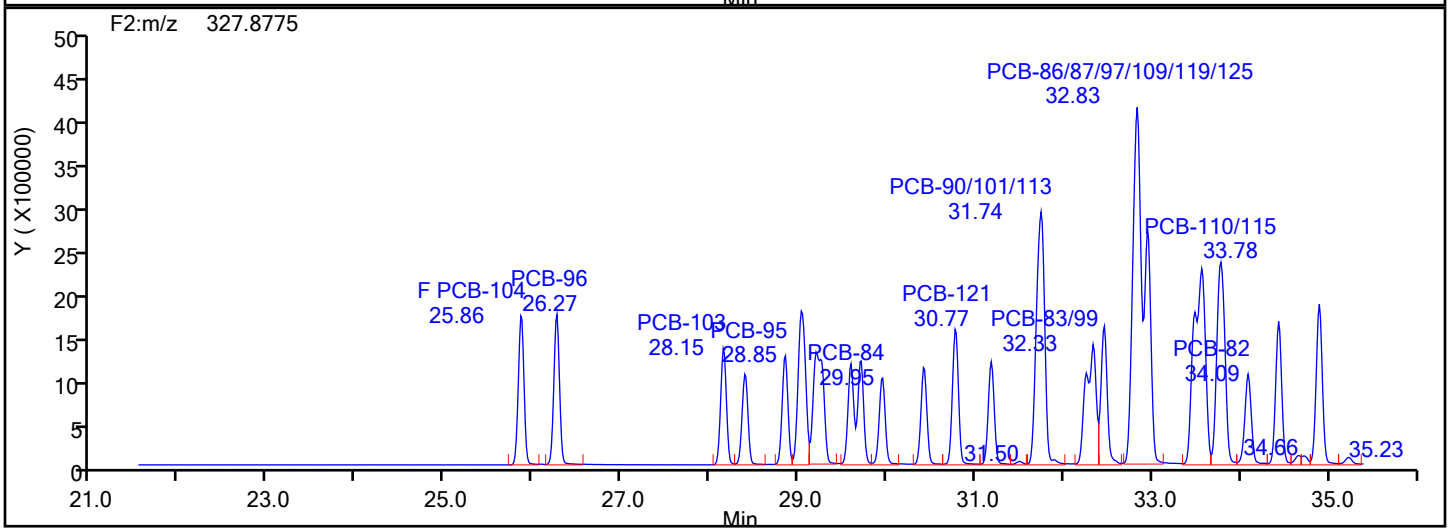
Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

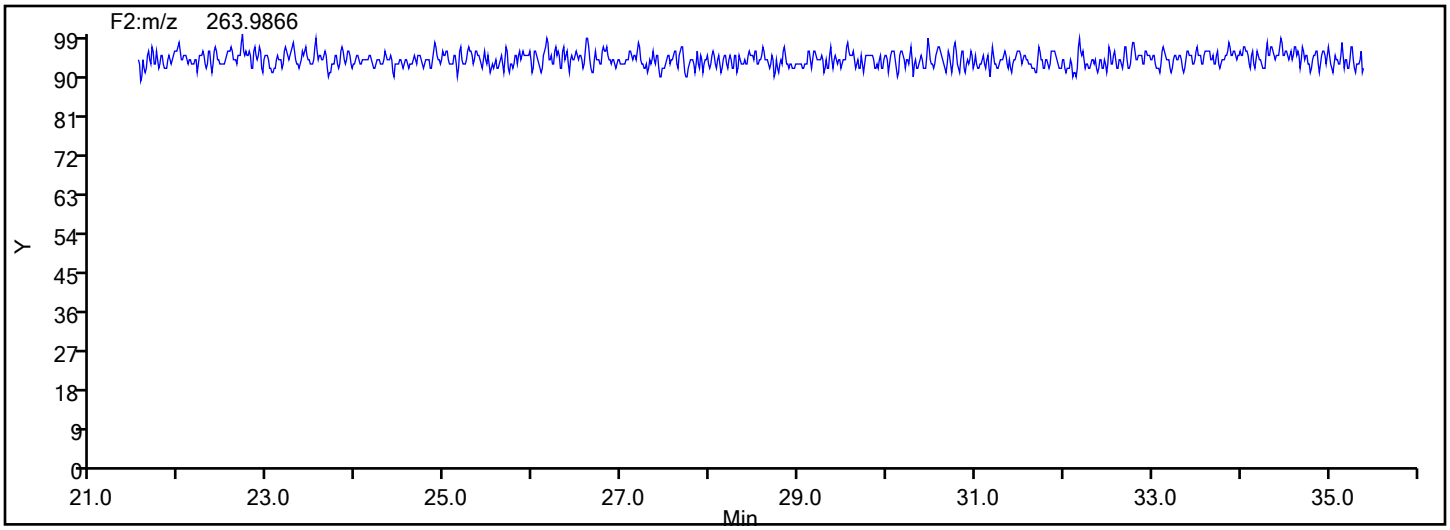
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

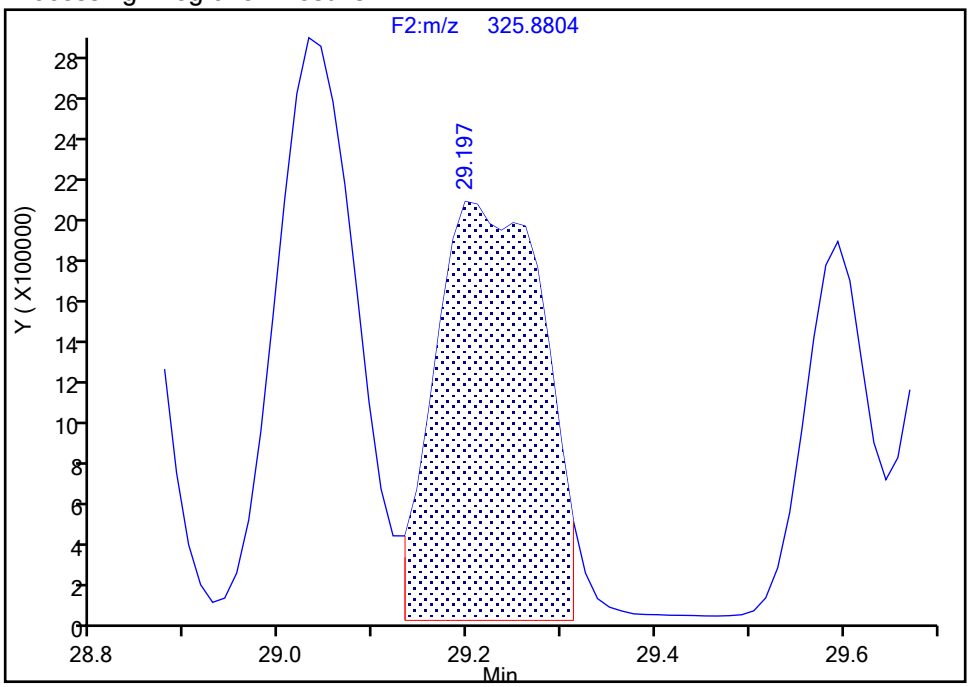
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 1

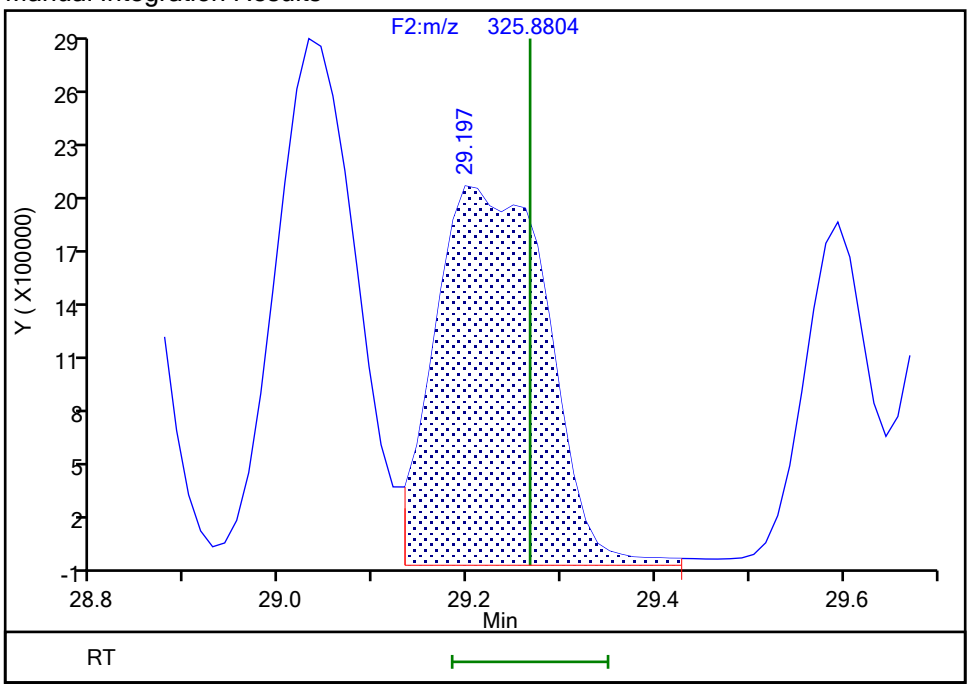
Processing Integration Results

RT: 29.20
Area: 16306107
Amount: 177.8297
Amount Units: pg/ul



Manual Integration Results

RT: 29.20
Area: 17149991
Amount: 184.9130
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:17:17
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

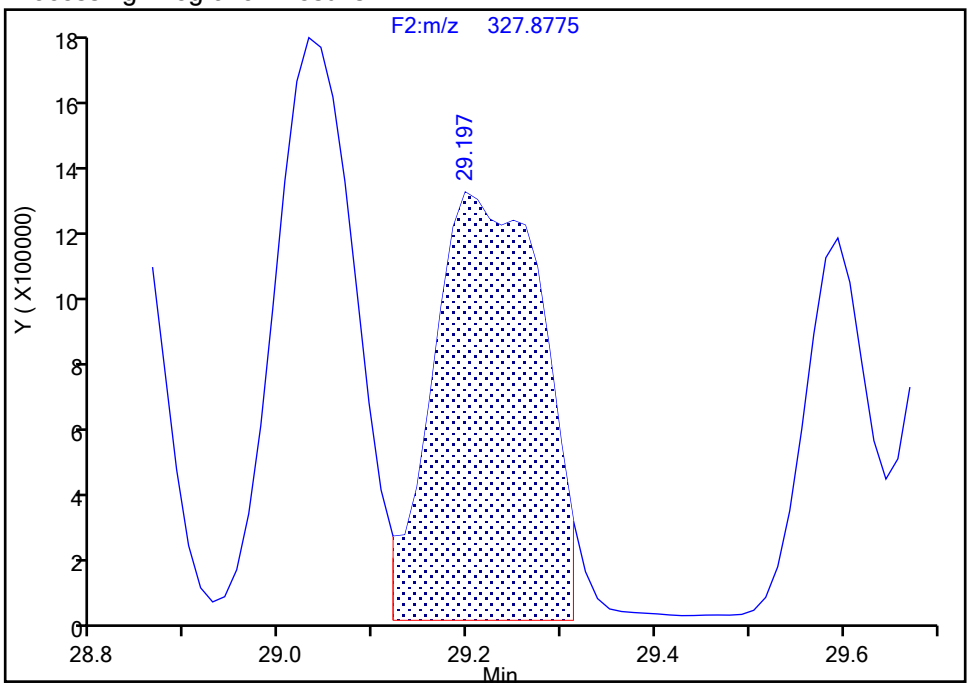
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-98/102, CAS: STL01843

Signal: 2

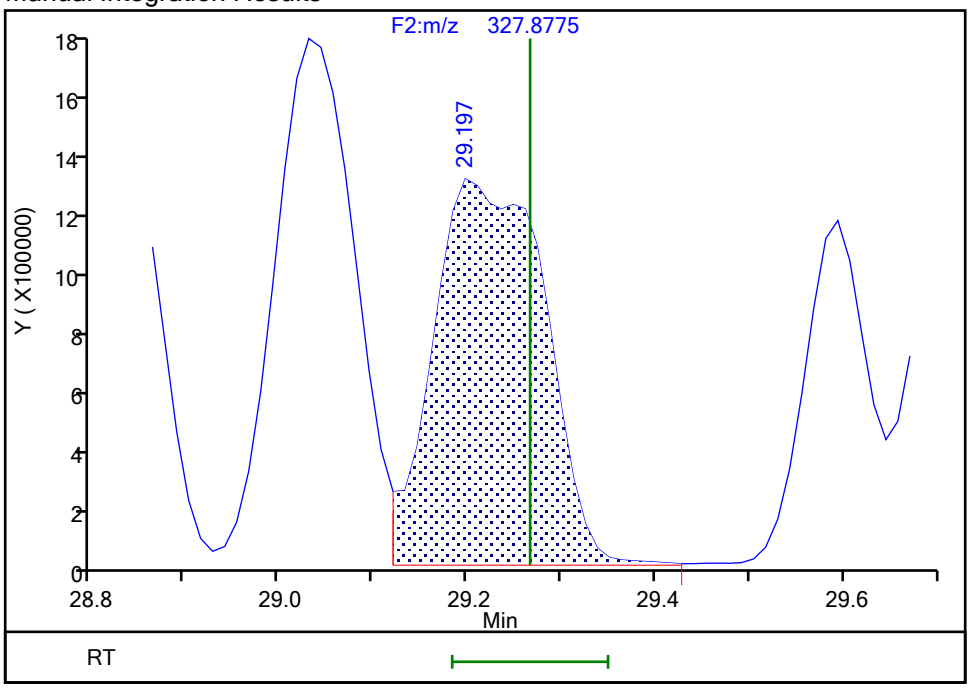
Processing Integration Results

RT: 29.20
Area: 10542000
Amount: 177.8297
Amount Units: pg/ul



Manual Integration Results

RT: 29.20
Area: 10767523
Amount: 184.9130
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:17:27

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

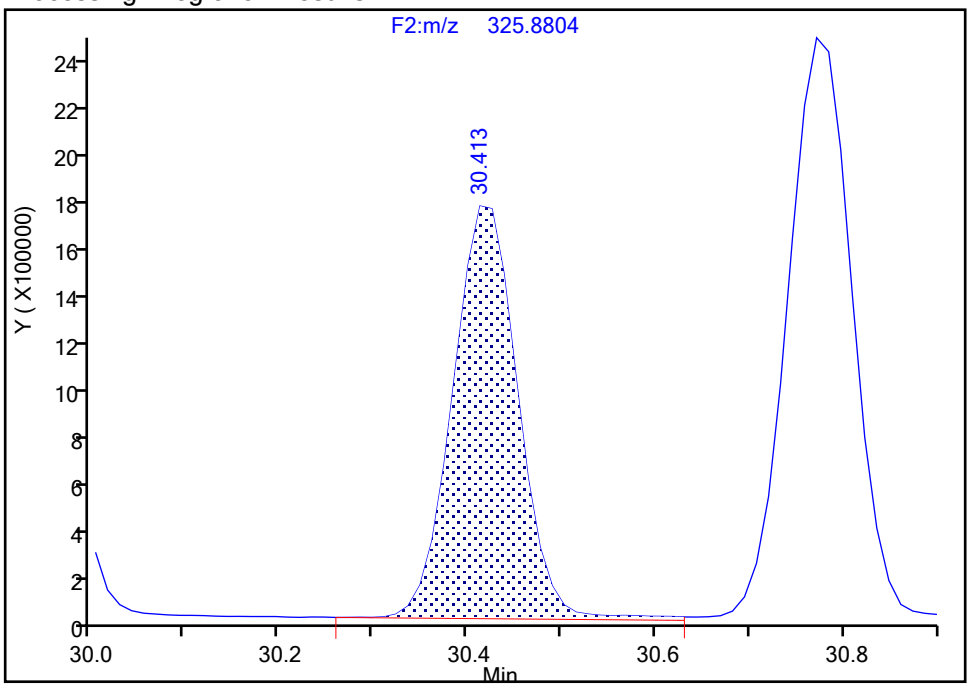
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-89, CAS: 73575-57-2

Signal: 1

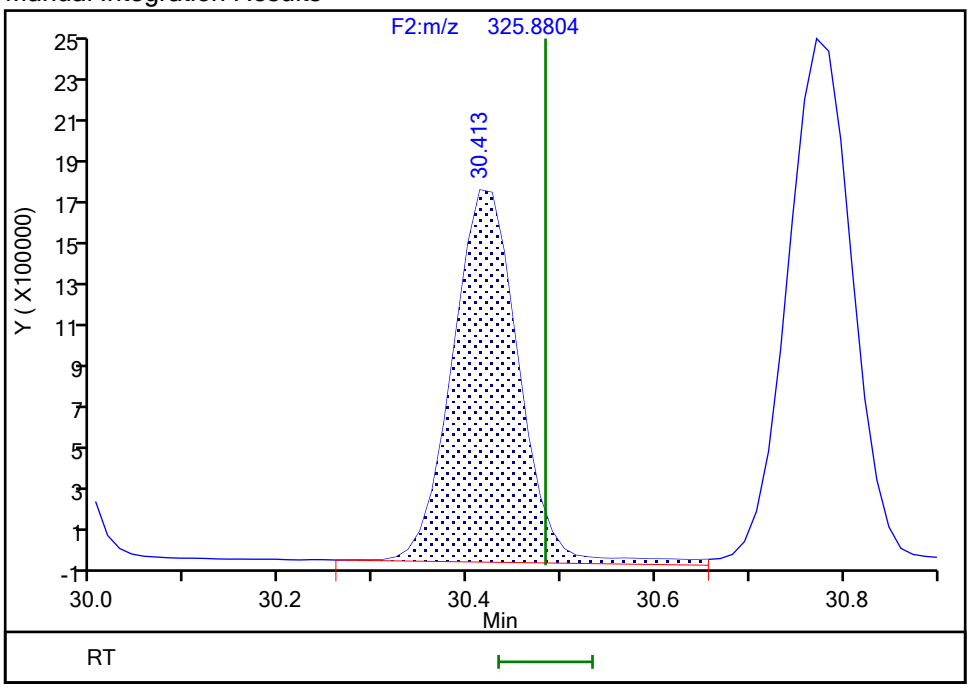
Processing Integration Results

RT: 30.41
Area: 8557096
Amount: 100.1340
Amount Units: pg/ul



Manual Integration Results

RT: 30.41
Area: 8715663
Amount: 101.2709
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:17:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

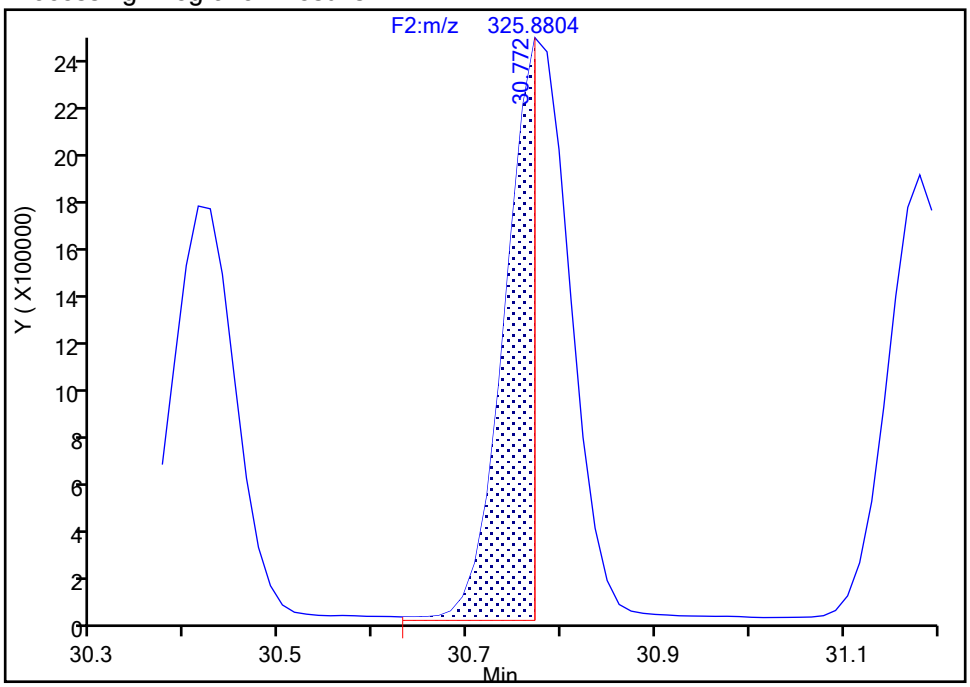
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-121, CAS: 56558-18-0

Signal: 1

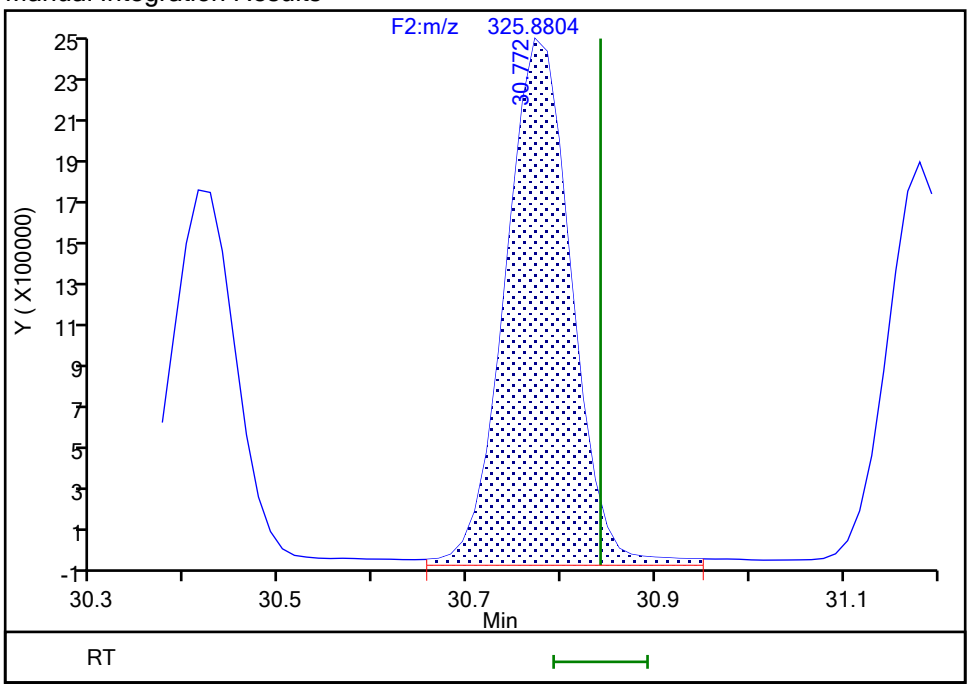
Processing Integration Results

RT: 30.77
Area: 5443384
Amount: 62.027274
Amount Units: pg/ul



Manual Integration Results

RT: 30.77
Area: 12293680
Amount: 94.479378
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:17:50
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

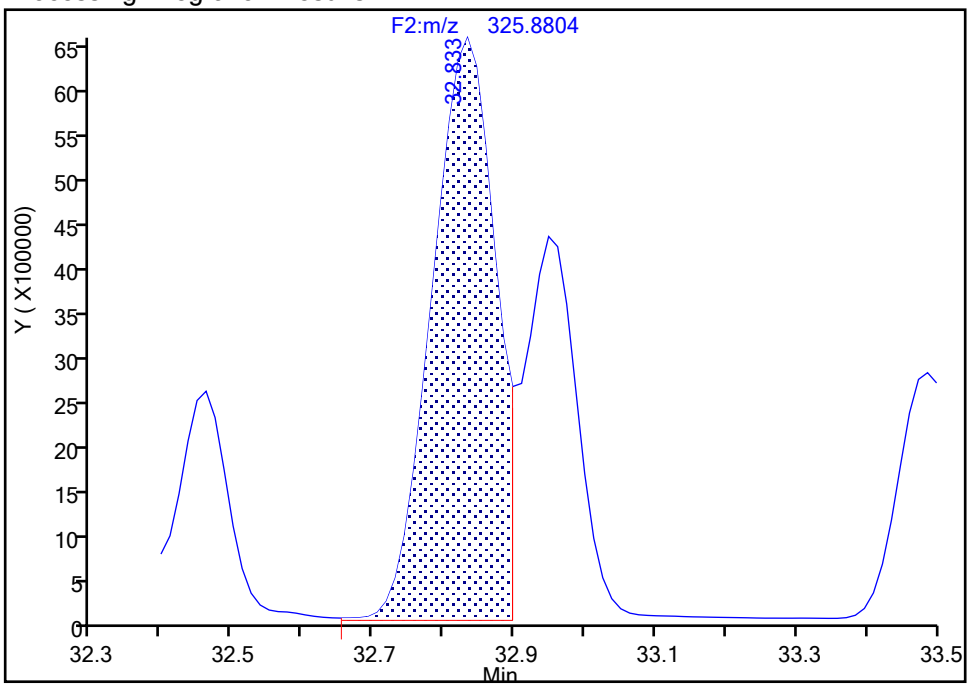
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

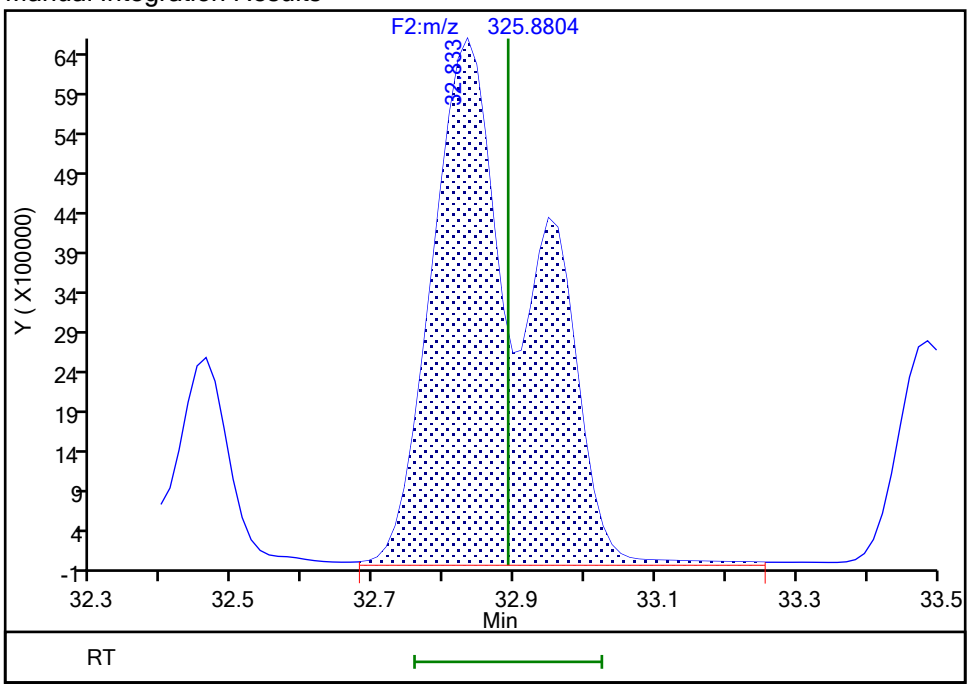
Processing Integration Results

RT: 32.83
Area: 40799040
Amount: 393.9456
Amount Units: pg/ul



Manual Integration Results

RT: 32.83
Area: 64132601
Amount: 615.1804
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:18:01

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

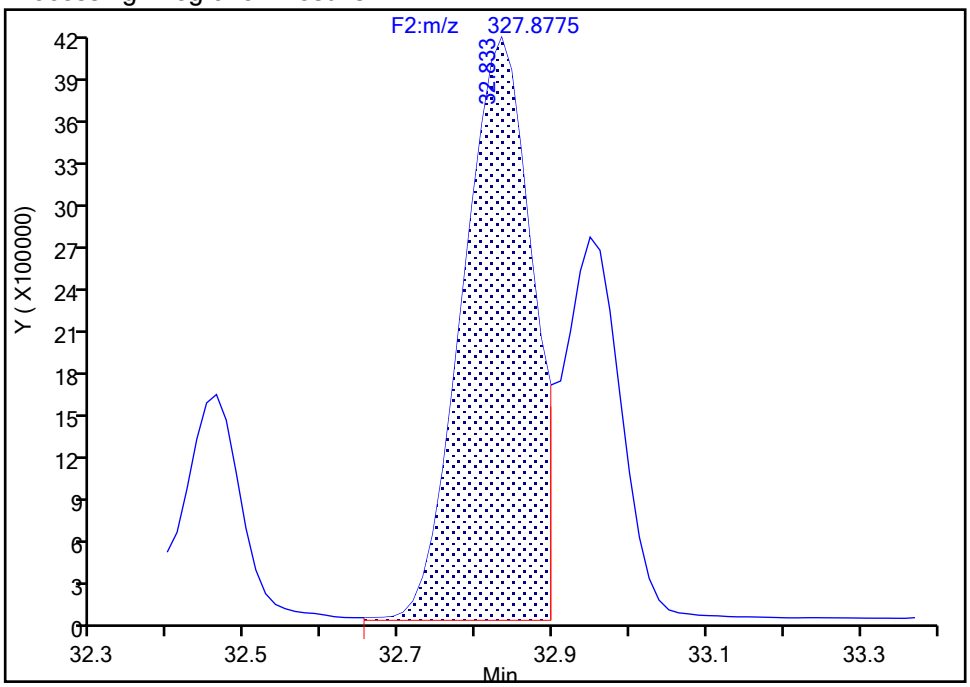
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

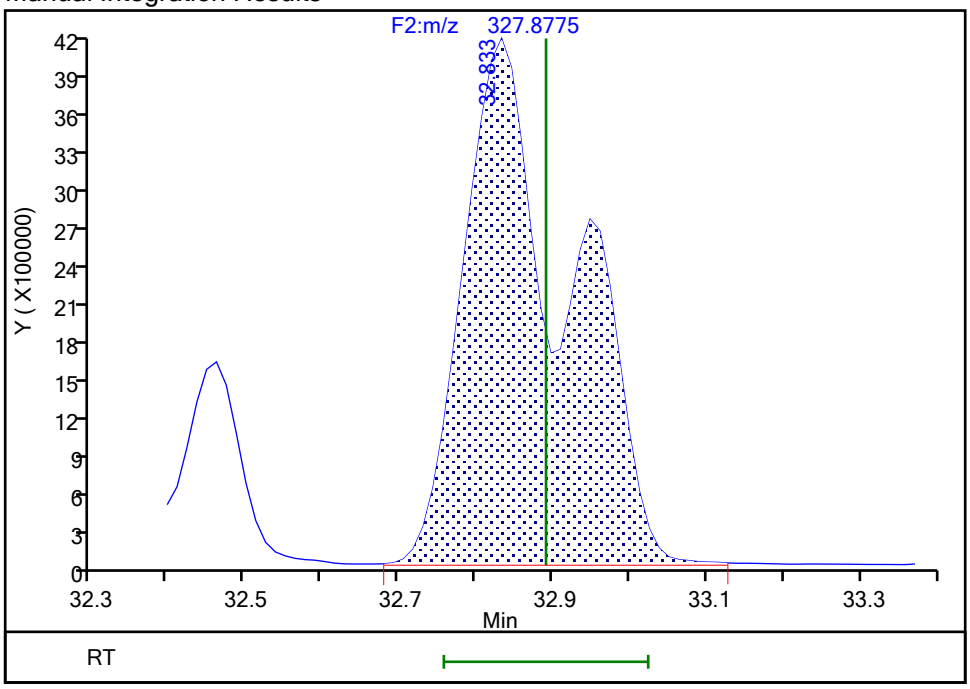
Processing Integration Results

RT: 32.83
Area: 25804872
Amount: 393.9456
Amount Units: pg/ul



Manual Integration Results

RT: 32.83
Area: 39875204
Amount: 615.1804
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:18:06

Audit Action: Manually Integrated Audit Reason: Split Peak

Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

Injection Date: 08-Oct-2021 19:20:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

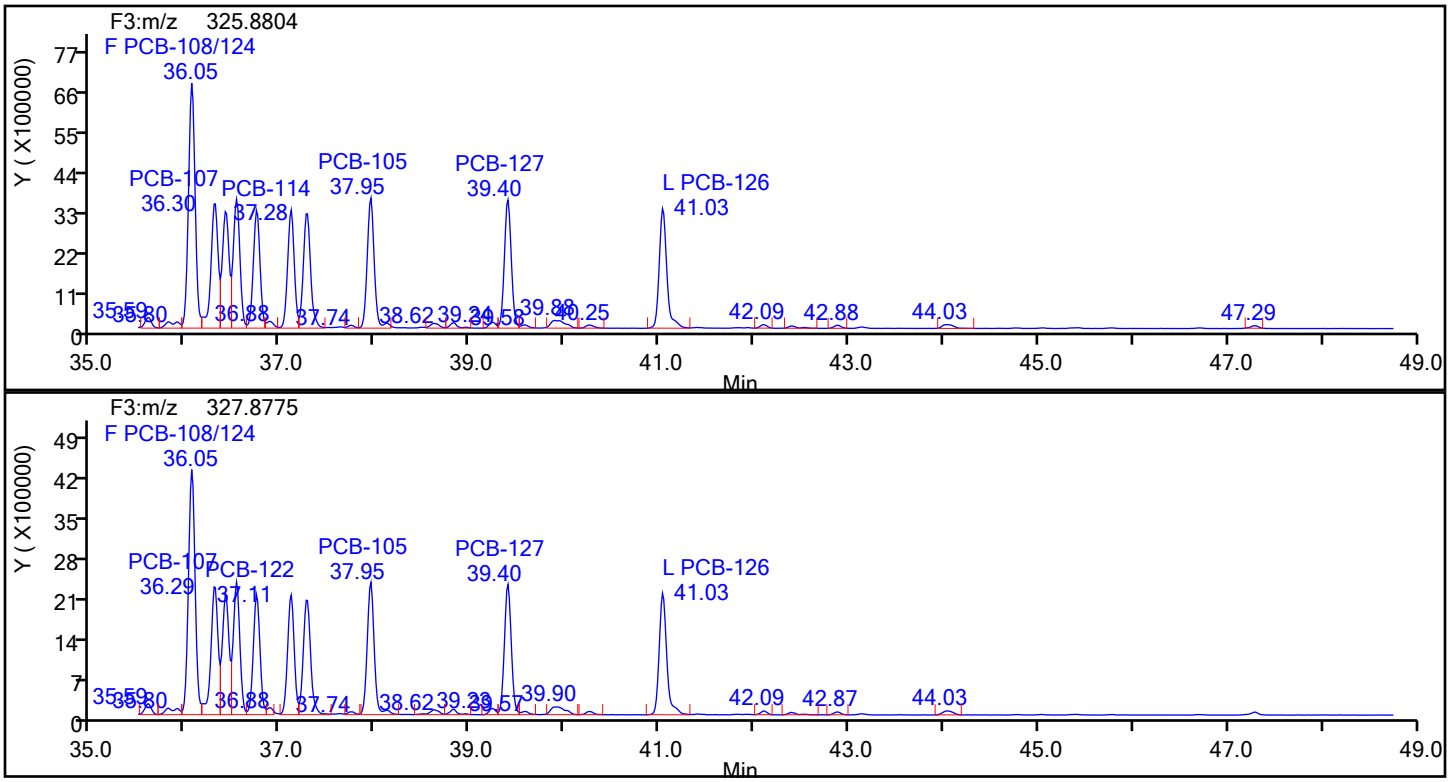
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

Client ID:

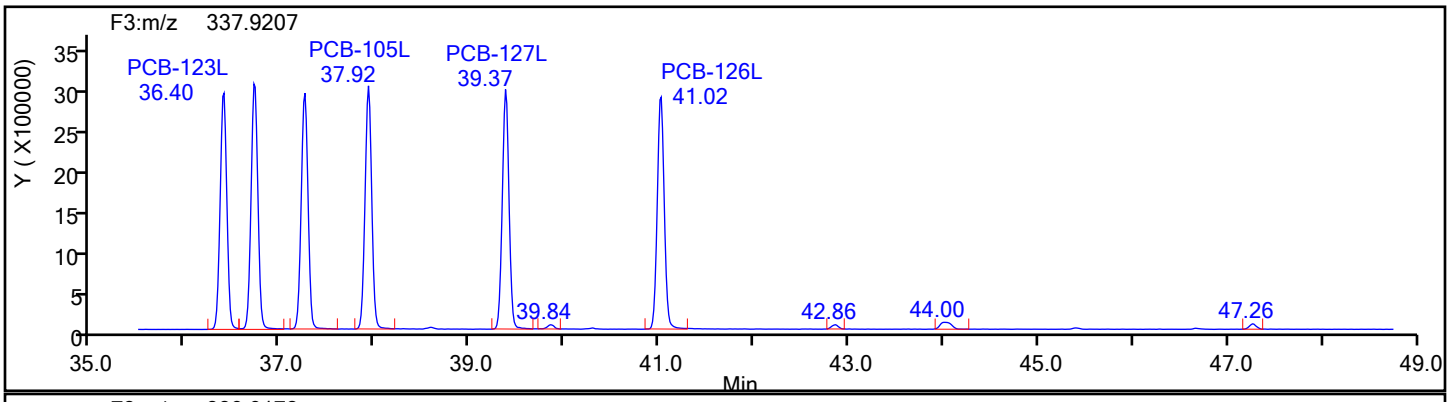
Worklist#: 54640 Sample Line#: 7

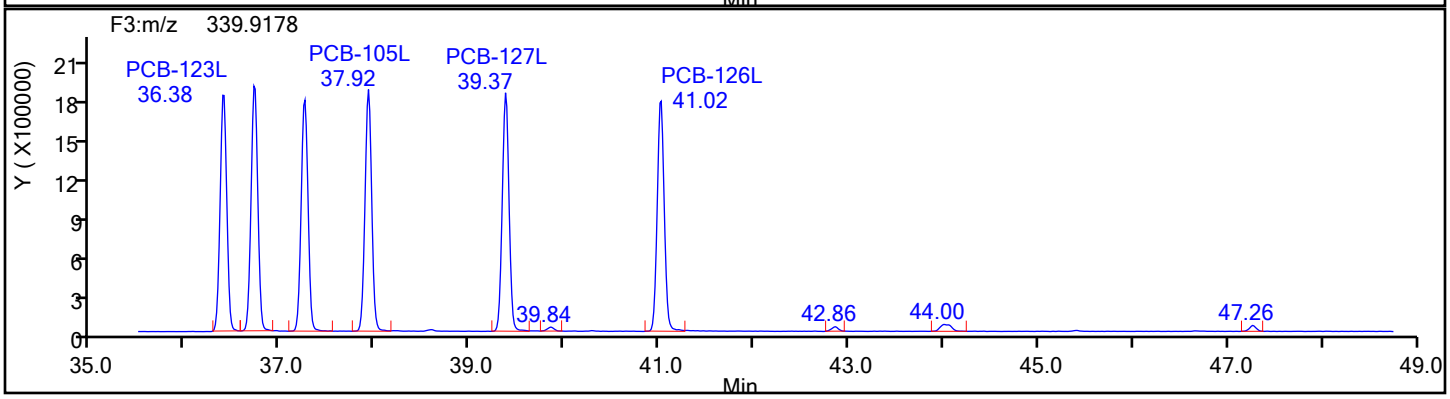
Column Type: Column Dia:

PePCB F3



PePCB F3 Standards



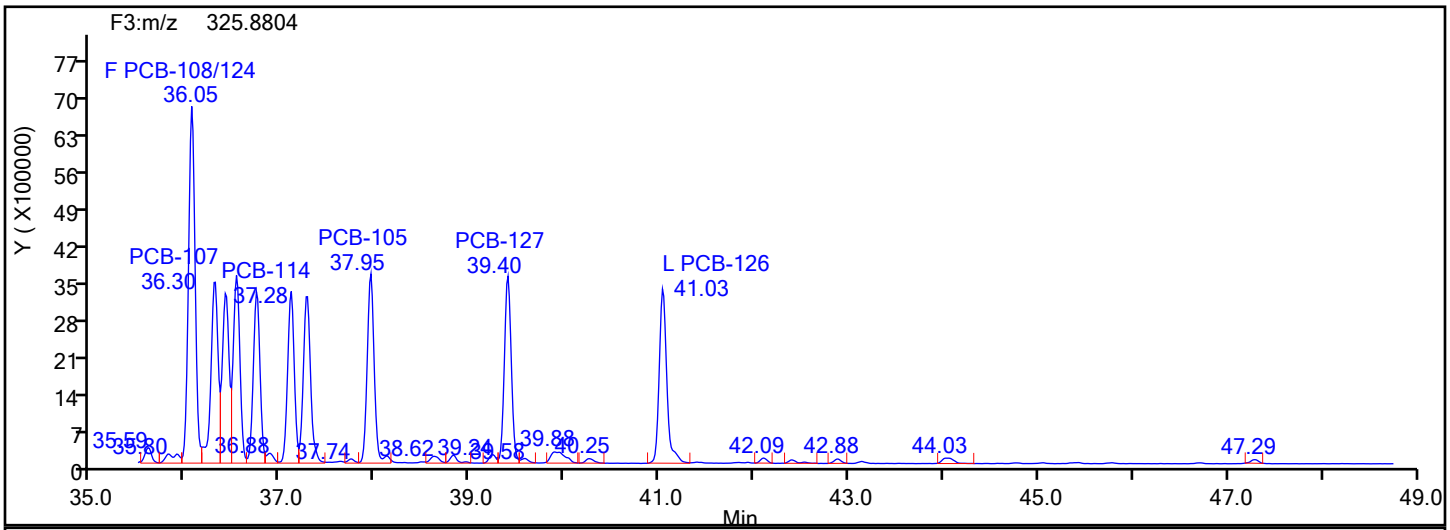


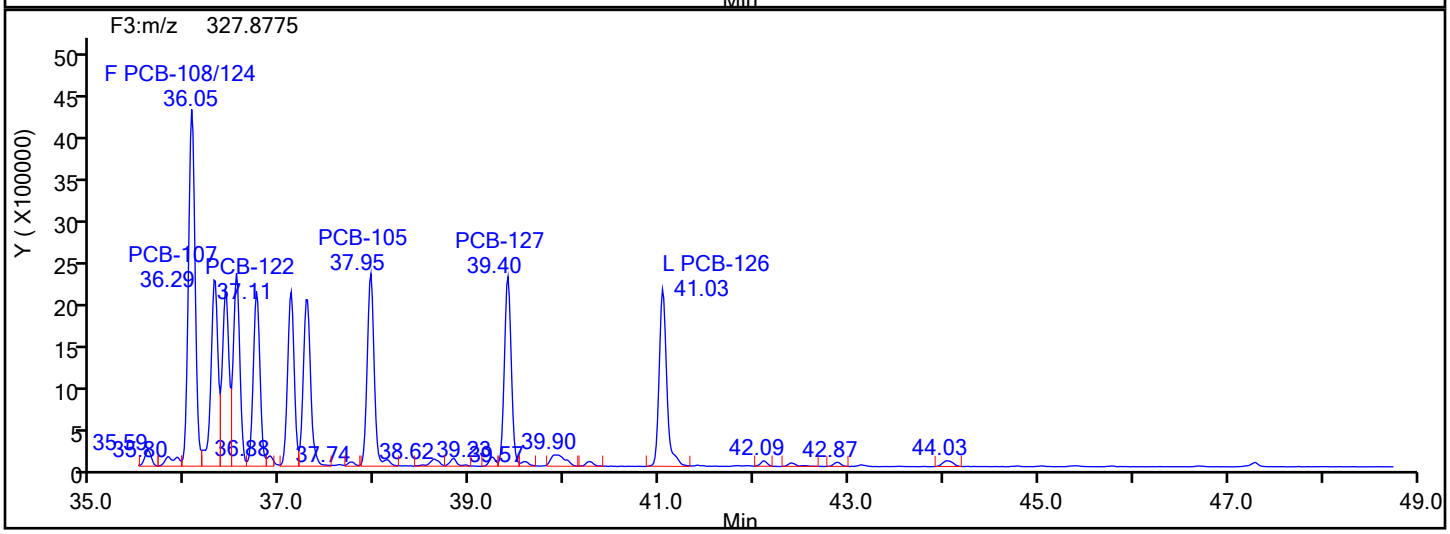
Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

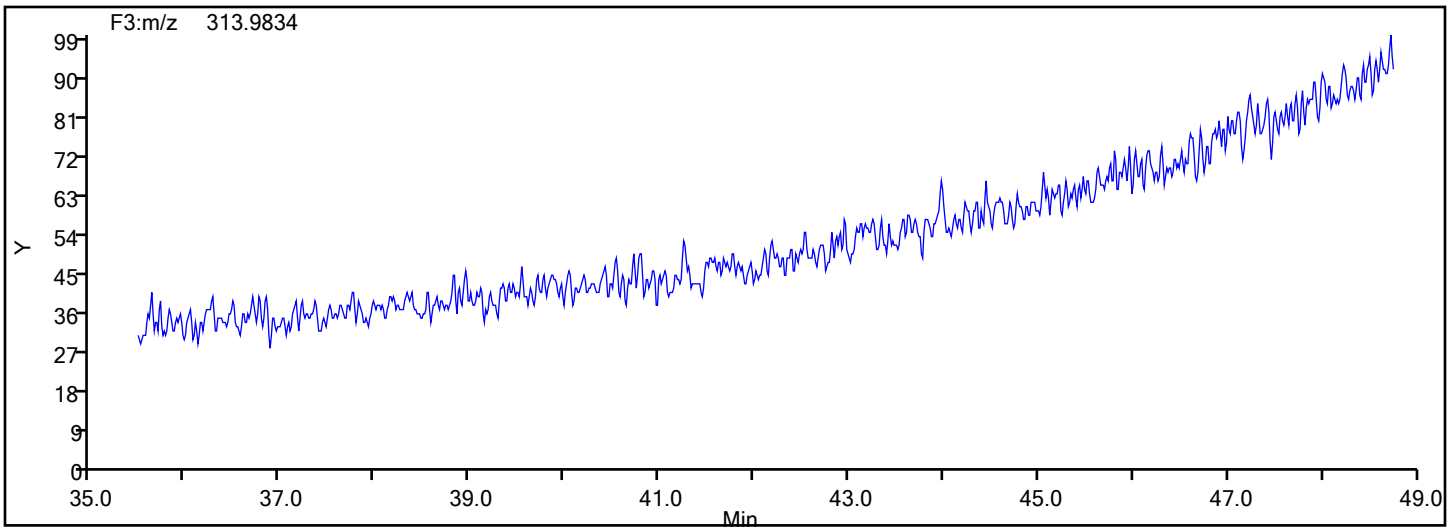
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

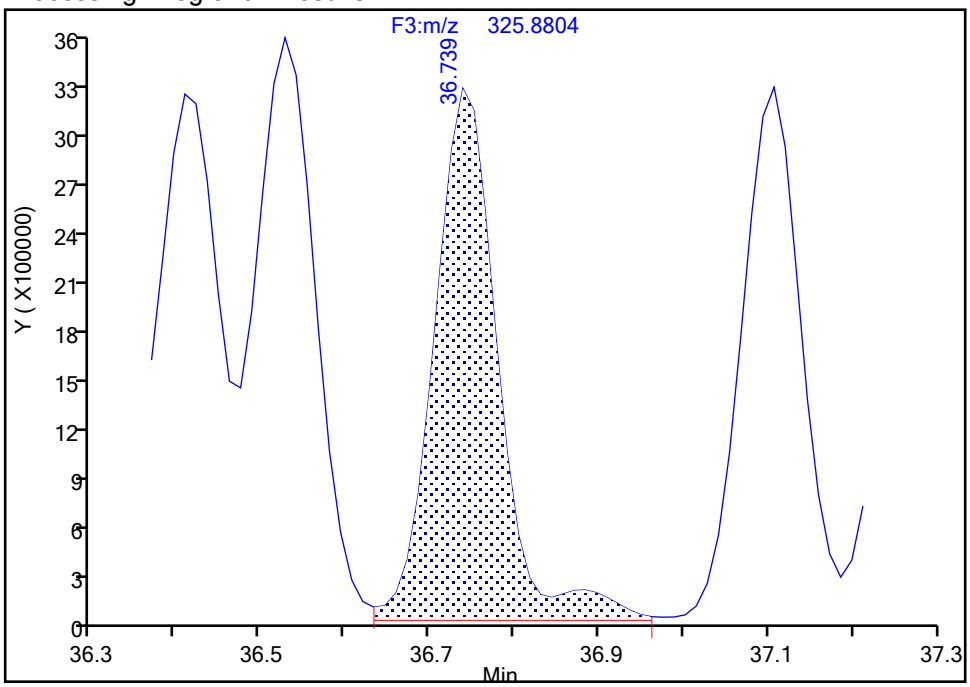
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-118, CAS: 31508-00-6

Signal: 1

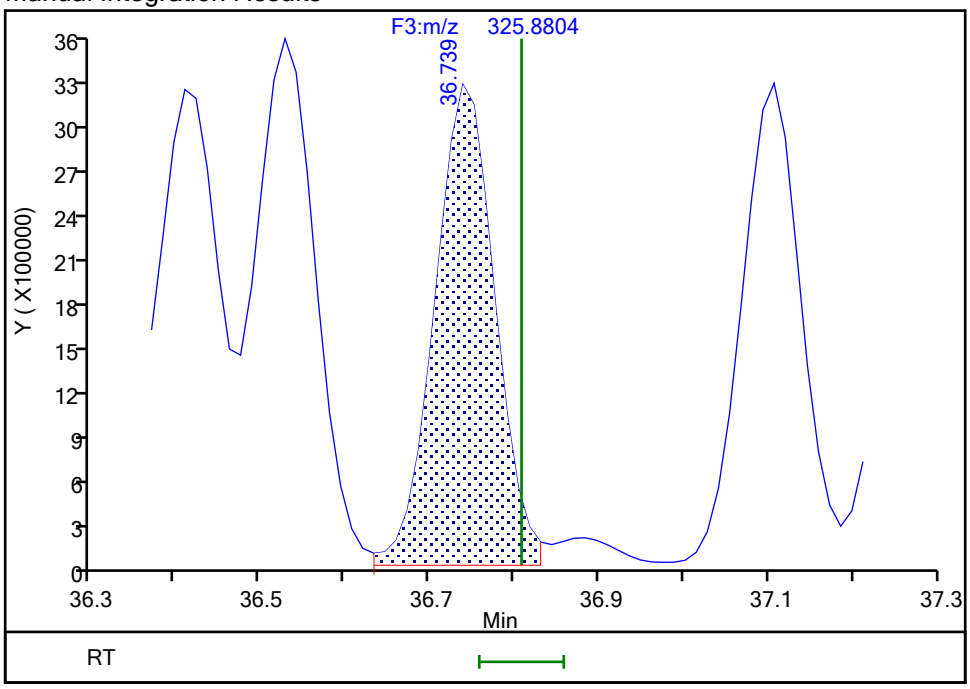
Processing Integration Results

RT: 36.74
Area: 17123447
Amount: 109.7291
Amount Units: pg/ul



Manual Integration Results

RT: 36.74
Area: 16123454
Amount: 103.9173
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:18:21
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

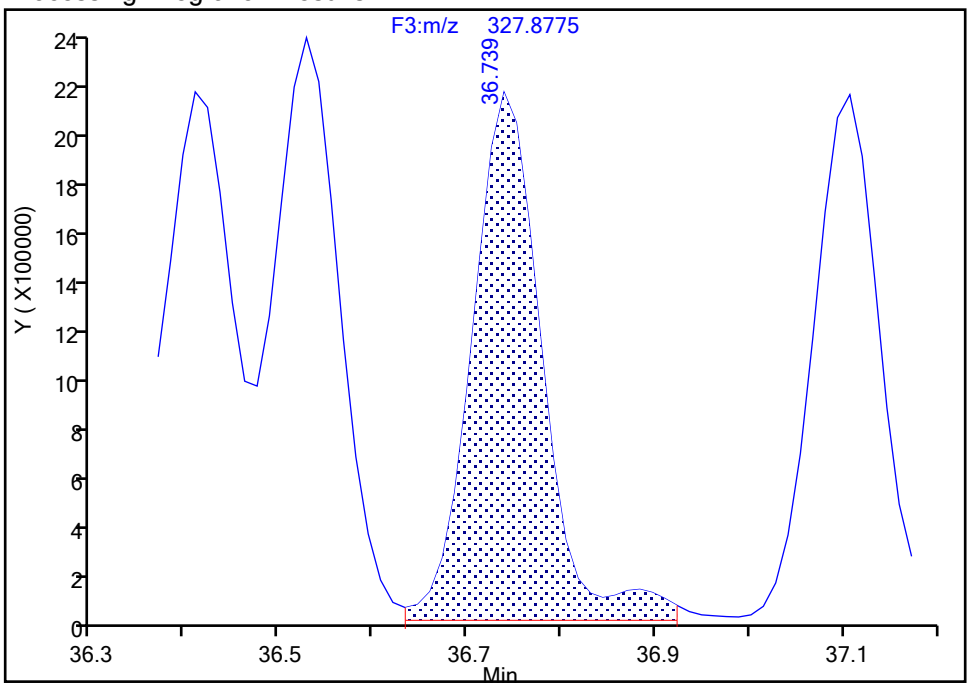
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-118, CAS: 31508-00-6

Signal: 2

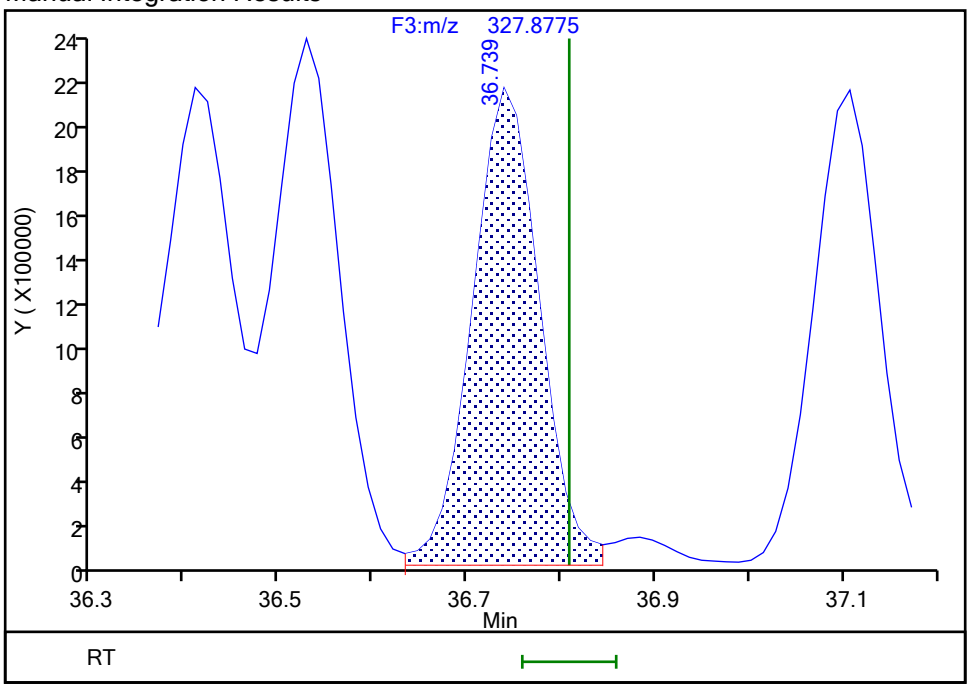
Processing Integration Results

RT: 36.74
Area: 10804071
Amount: 109.7291
Amount Units: pg/ul



Manual Integration Results

RT: 36.74
Area: 10324868
Amount: 103.9173
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:18:23
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

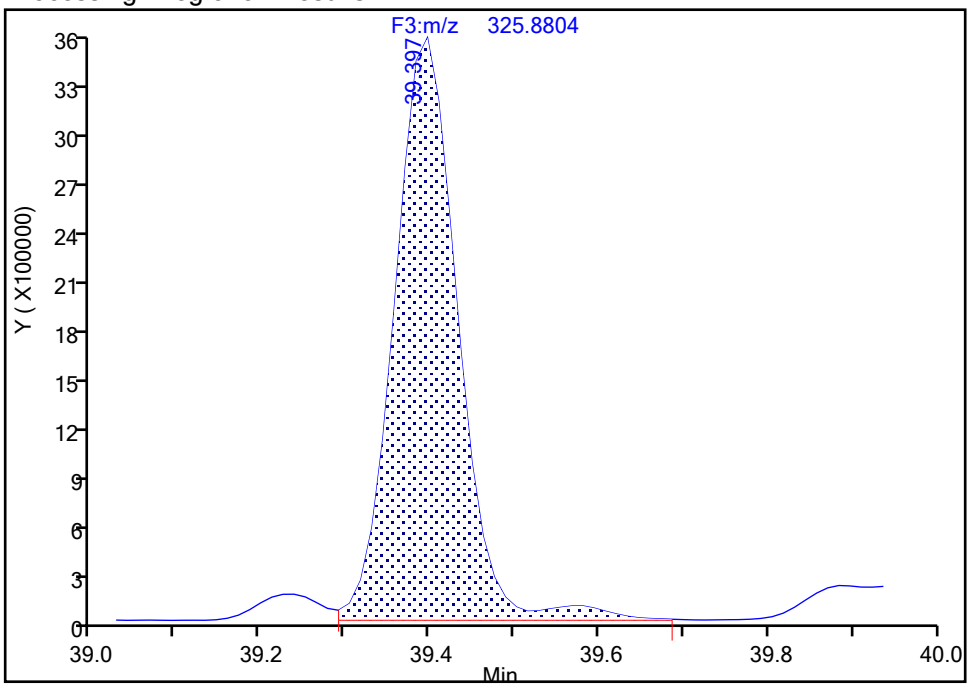
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-127, CAS: 39635-33-1

Signal: 1

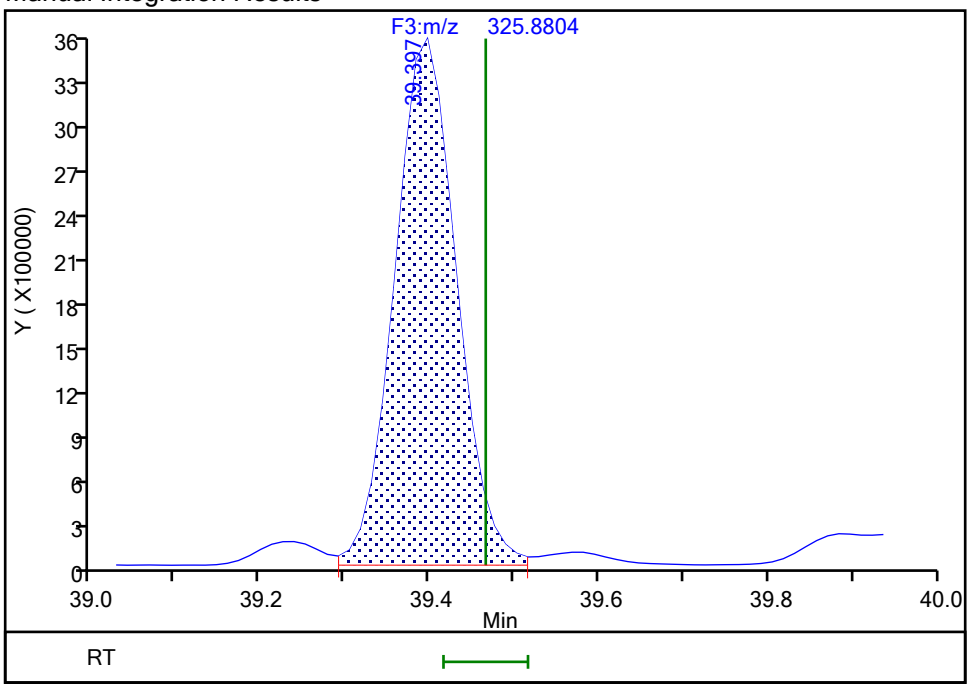
Processing Integration Results

RT: 39.40
Area: 18604076
Amount: 106.8329
Amount Units: pg/ul



Manual Integration Results

RT: 39.40
Area: 18103234
Amount: 103.9283
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:18:31
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

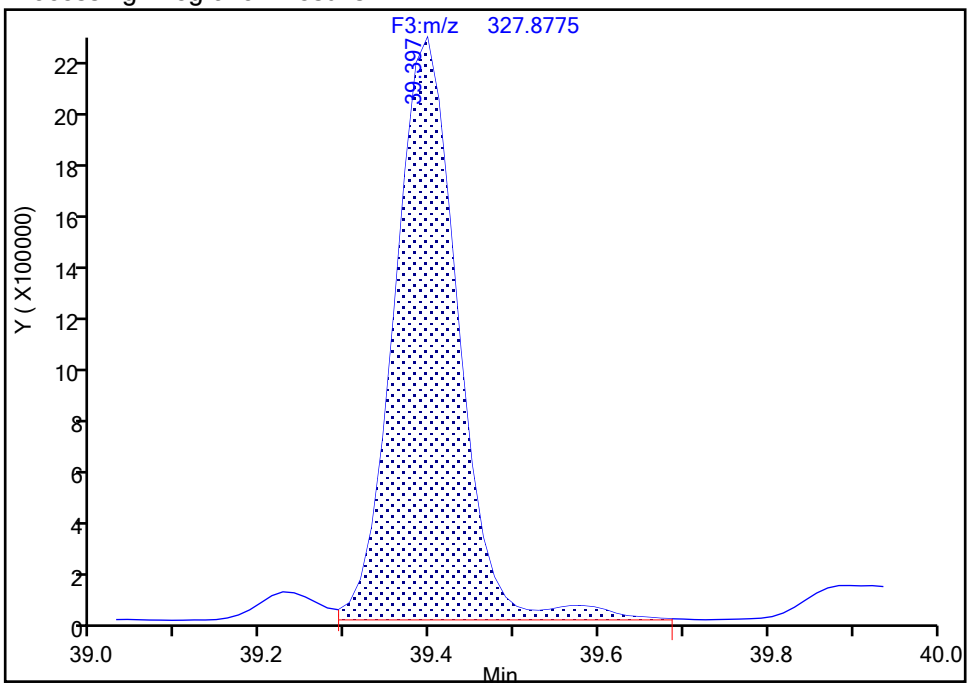
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-127, CAS: 39635-33-1

Signal: 2

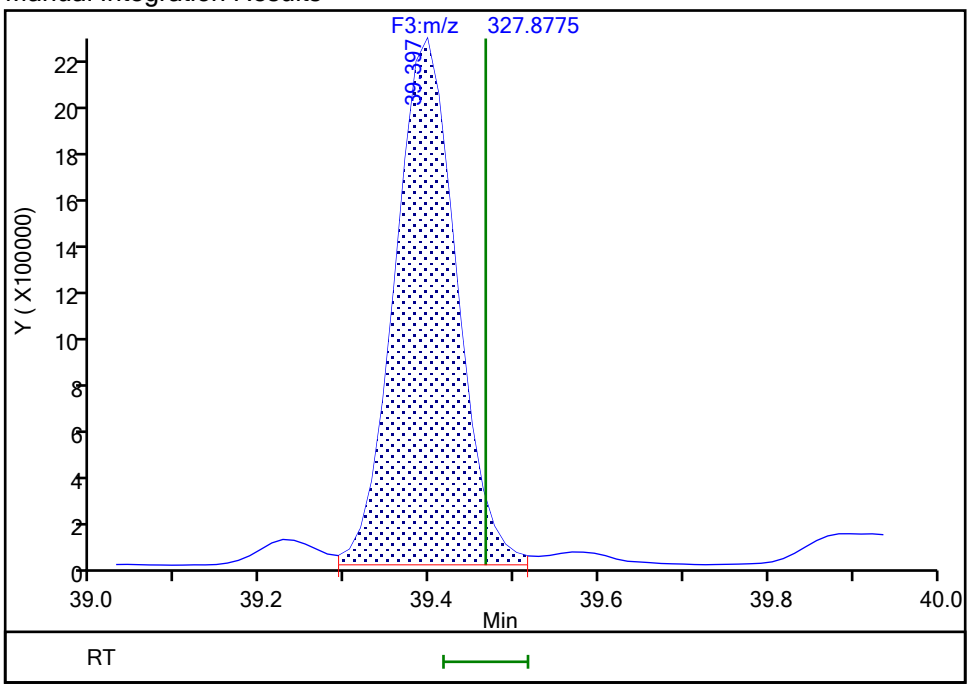
Processing Integration Results

RT: 39.40
Area: 11788743
Amount: 106.8329
Amount Units: pg/ul



Manual Integration Results

RT: 39.40
Area: 11463269
Amount: 103.9283
Amount Units: pg/ul



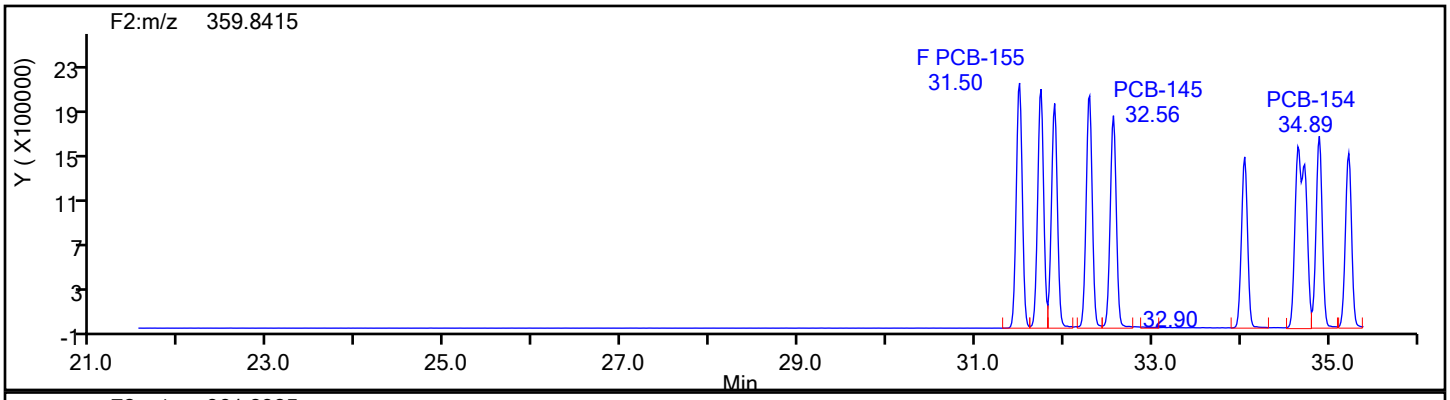
Reviewer: nordquistj, 09-Oct-2021 11:18:34
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

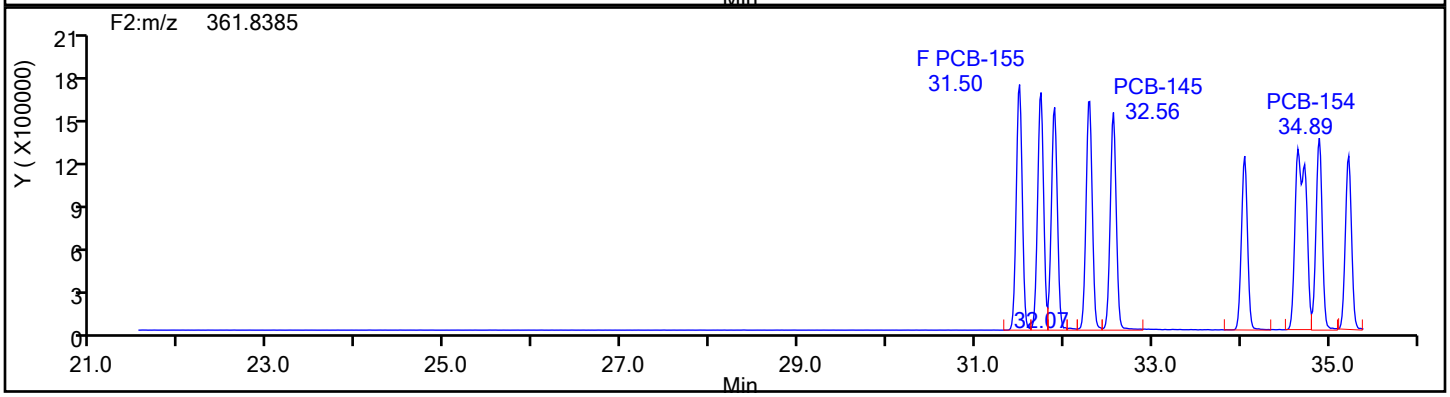
Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

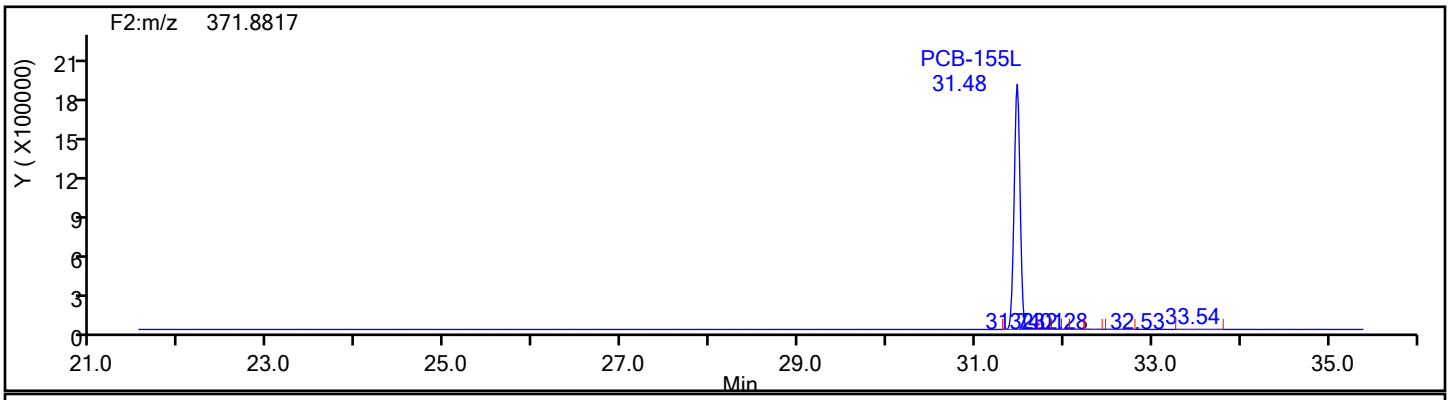
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

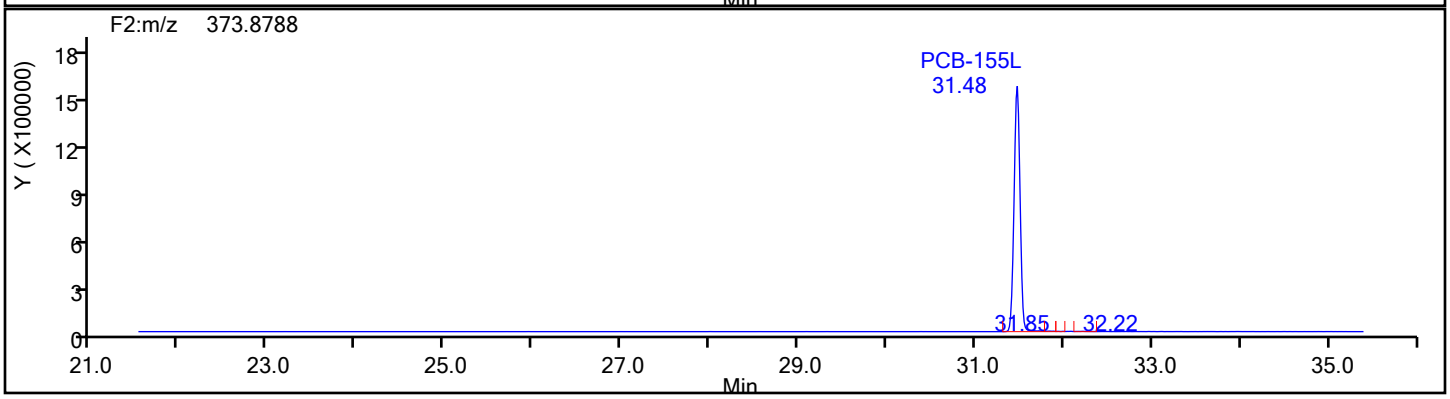
HxPCB F2





HxPCB F2 Standards



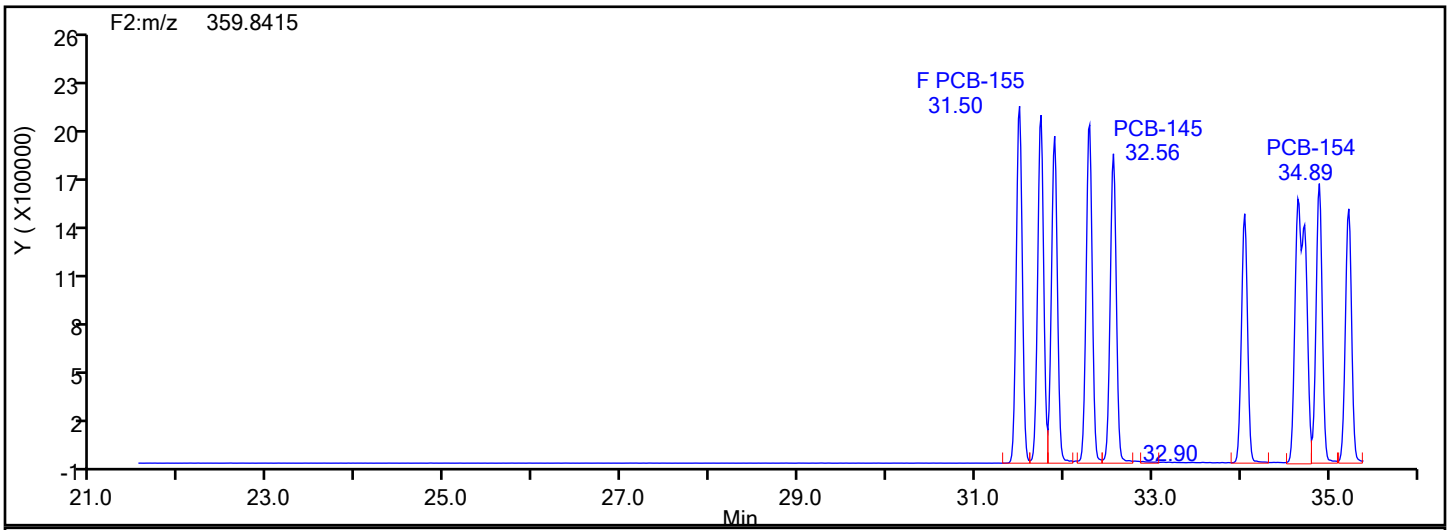


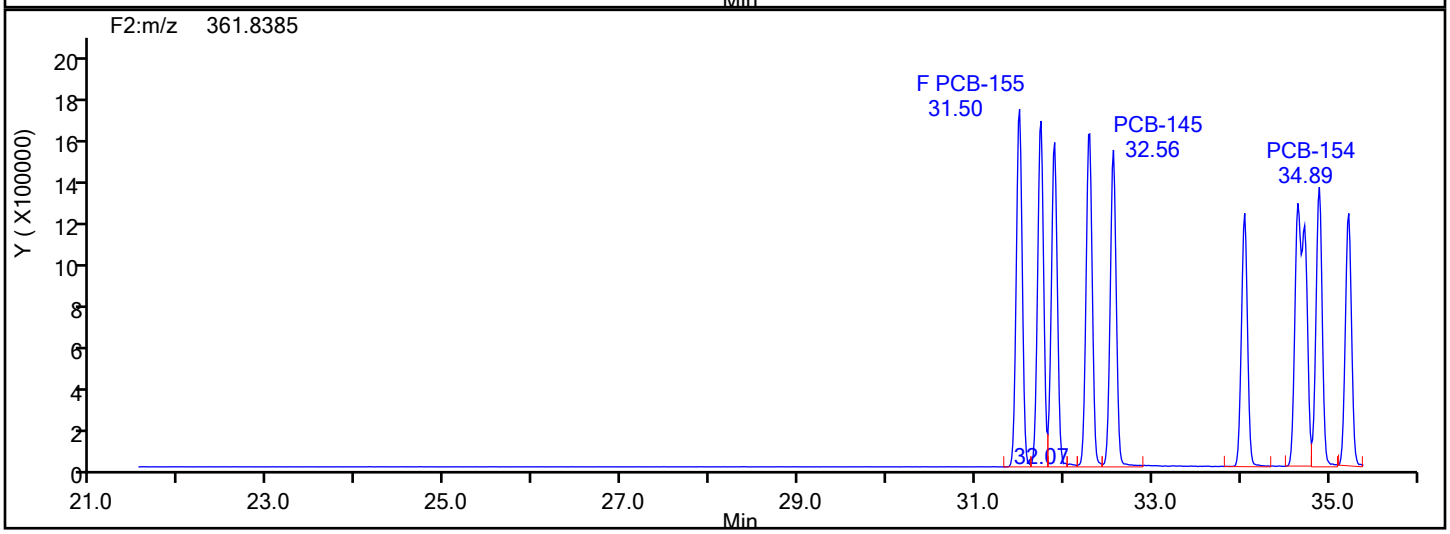
Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

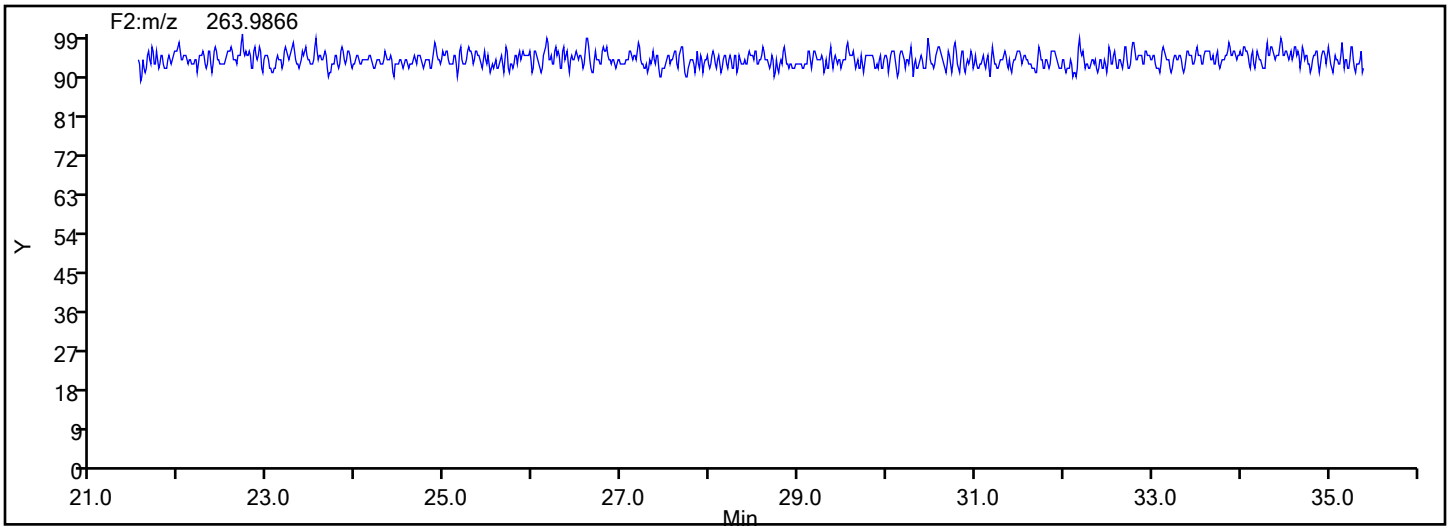
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

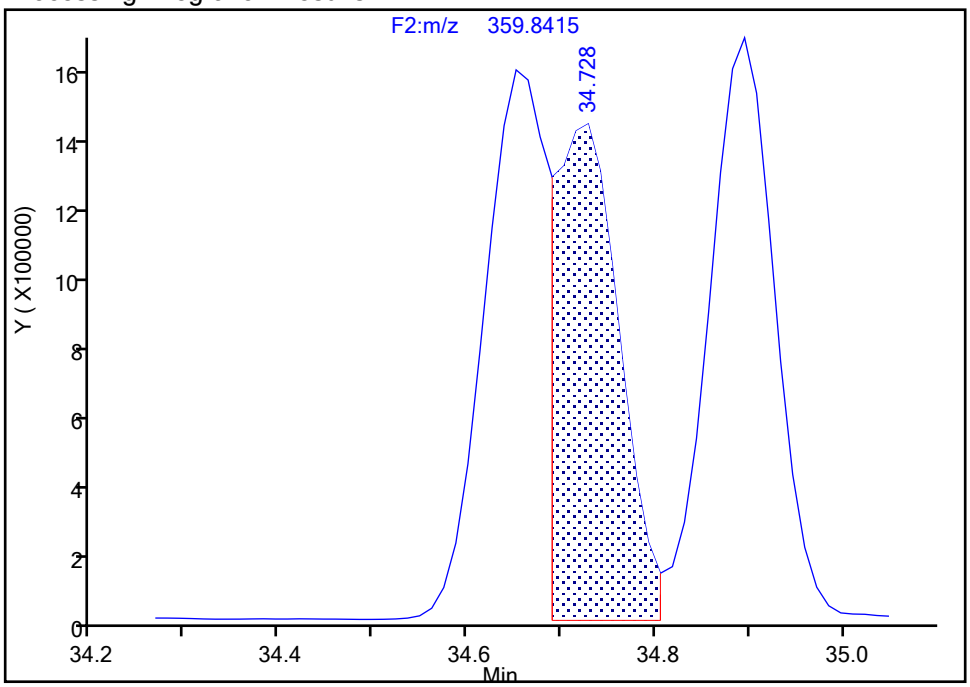
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 1

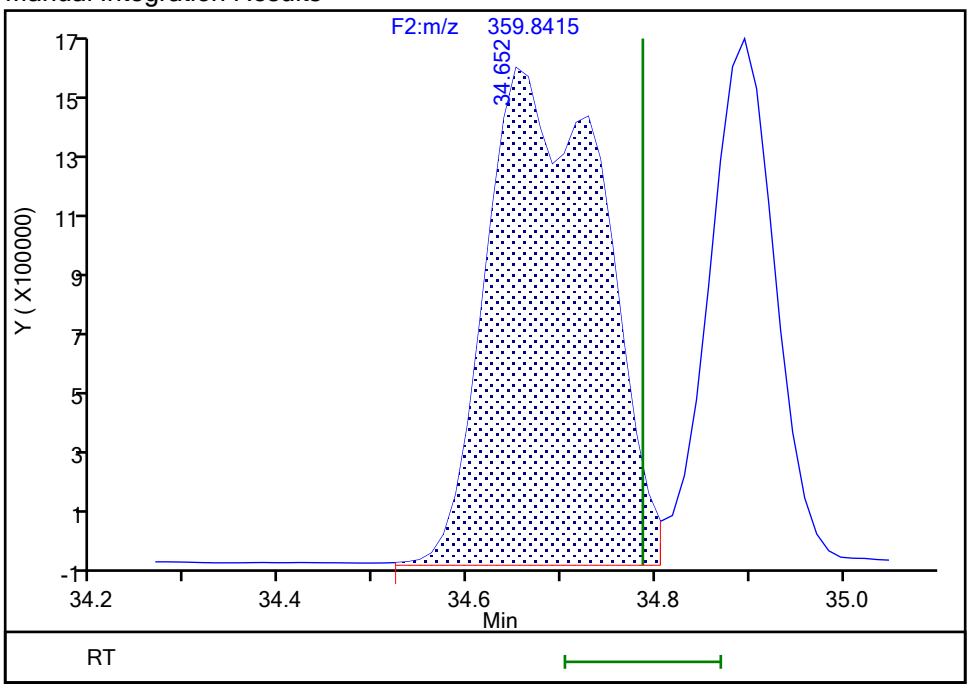
Processing Integration Results

RT: 34.73
Area: 6508242
Amount: 97.531950
Amount Units: pg/ul



Manual Integration Results

RT: 34.65
Area: 13715440
Amount: 204.3582
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:19:02

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

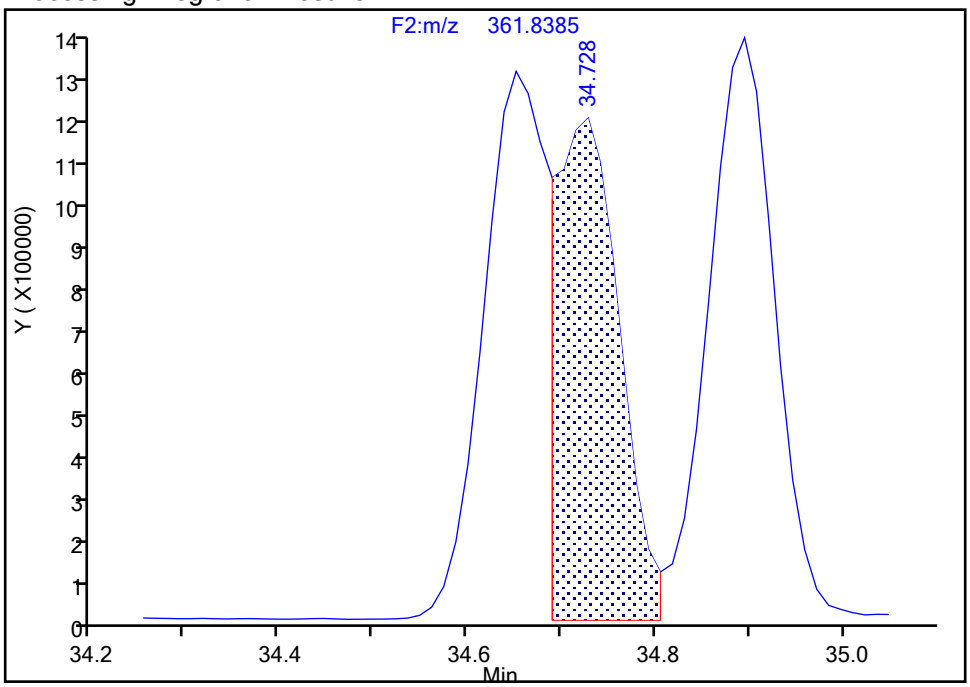
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-135/151, CAS: STL01819

Signal: 2

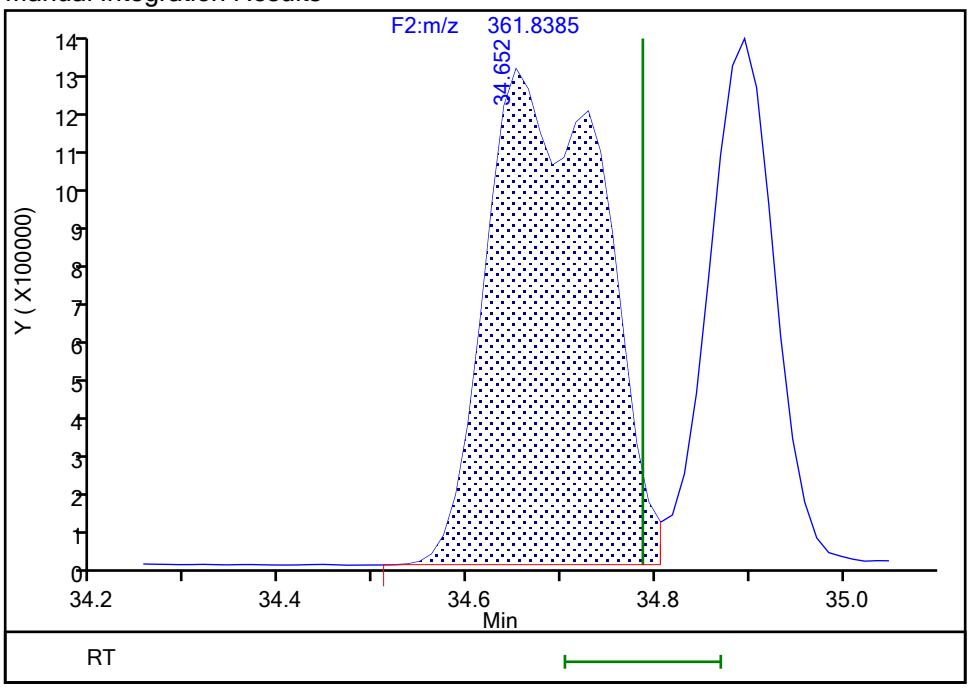
Processing Integration Results

RT: 34.73
Area: 5174687
Amount: 97.531950
Amount Units: pg/ul



Manual Integration Results

RT: 34.65
Area: 10763746
Amount: 204.3582
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:19:08

Audit Action: Manually Integrated Audit Reason: Split Peak

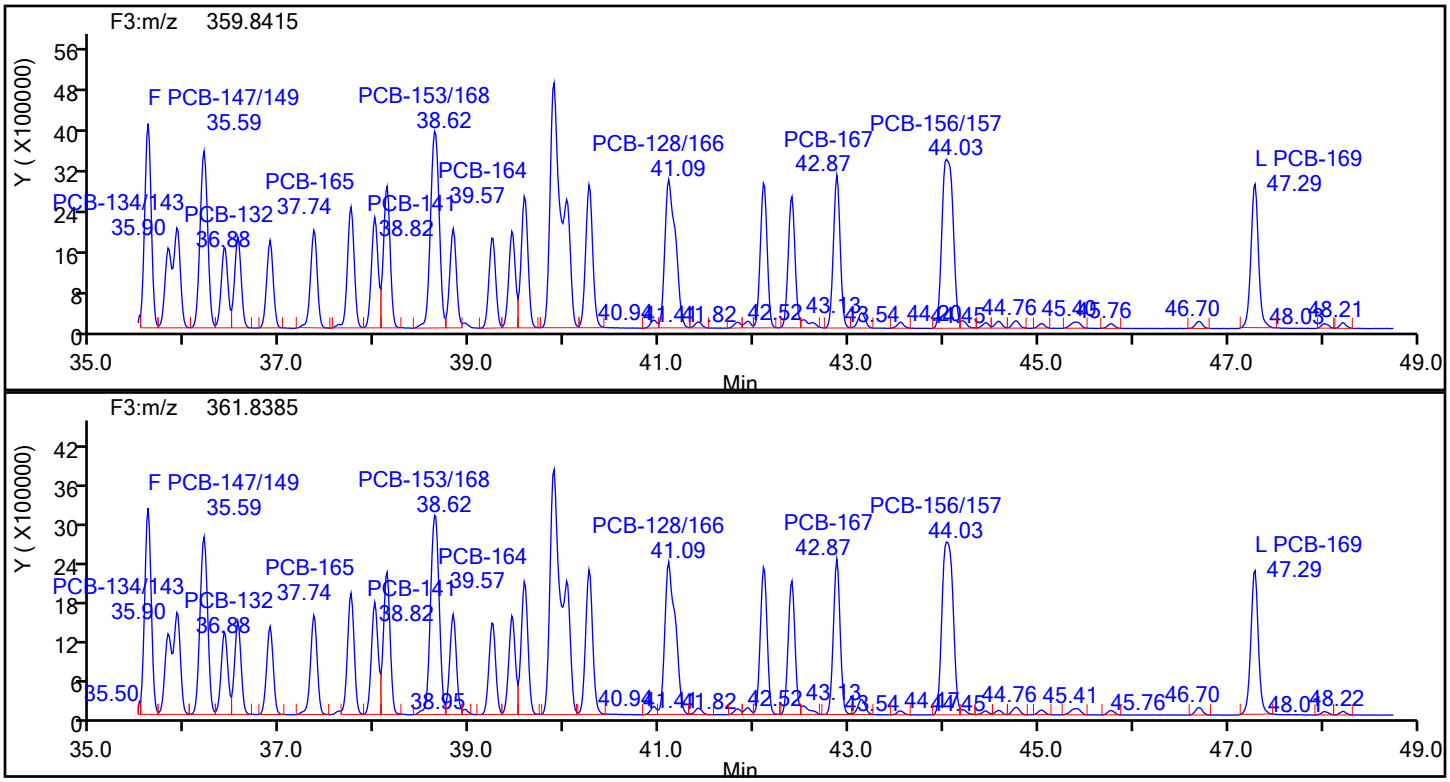
Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

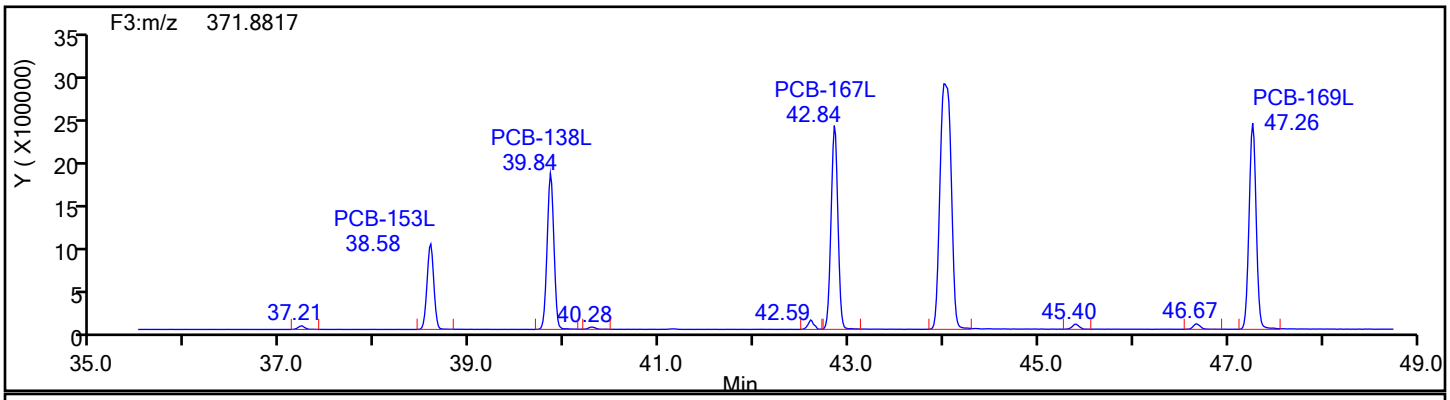
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

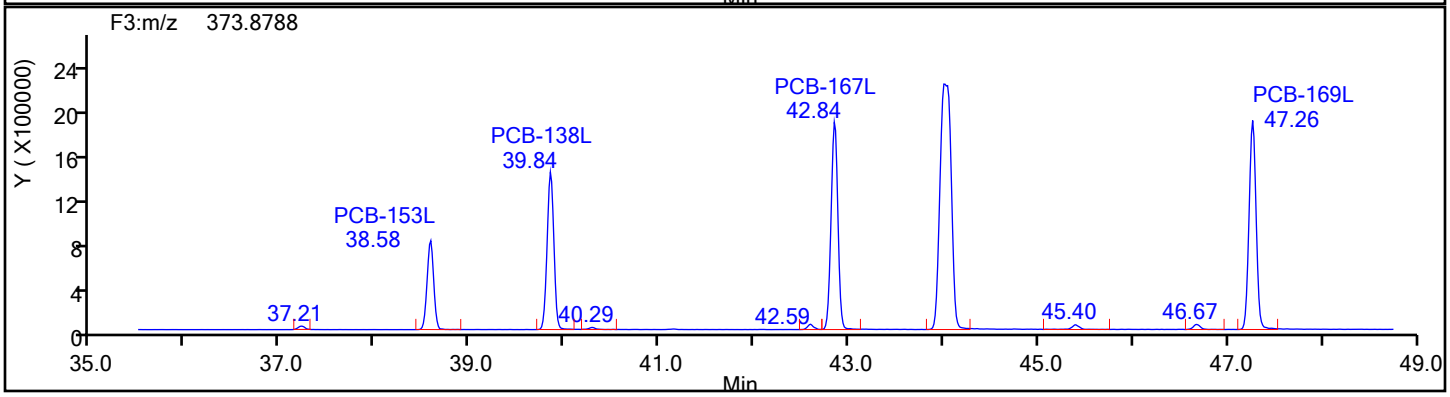
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

HxPCB F3



HxPCB F3 Standards



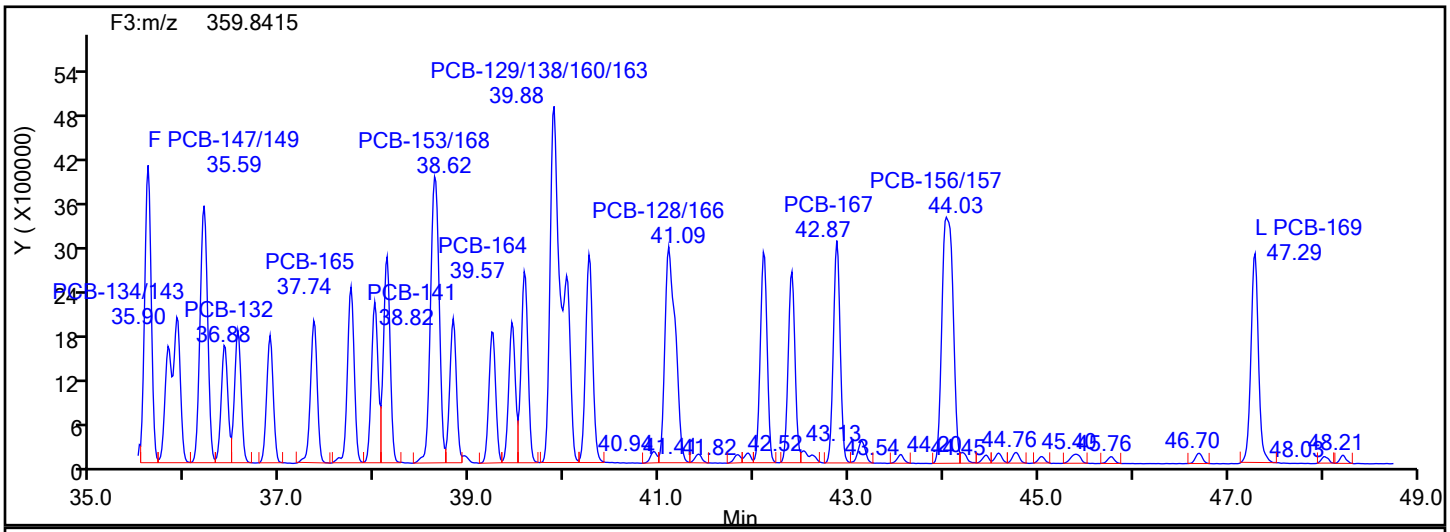


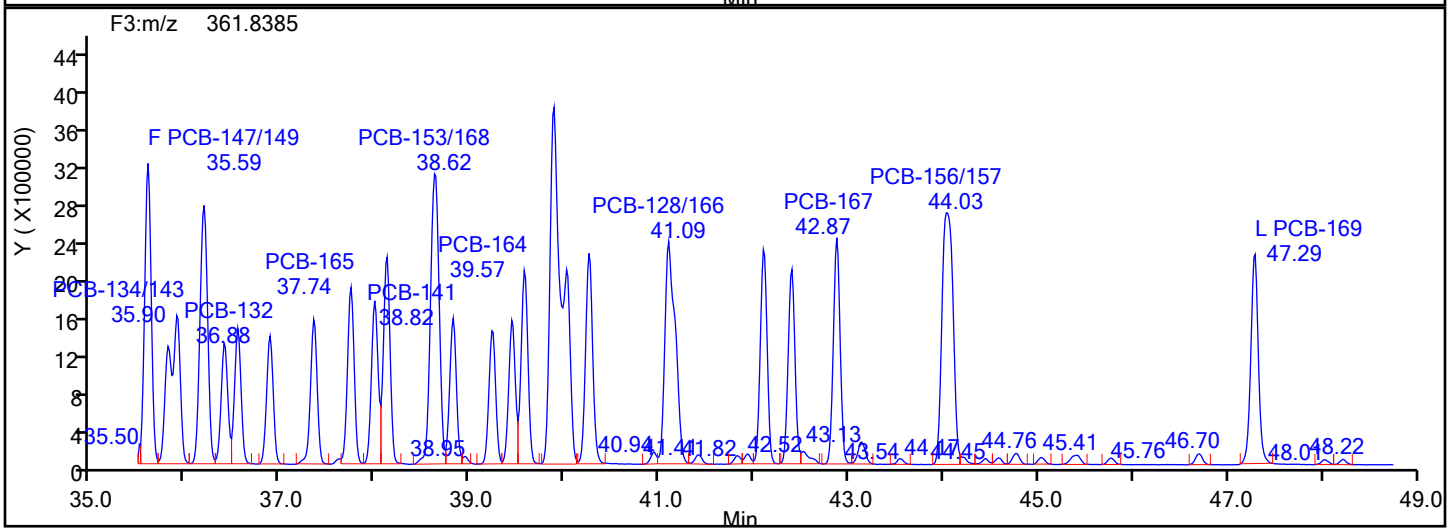
Report Date: 09-Oct-2021 20:35:04 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

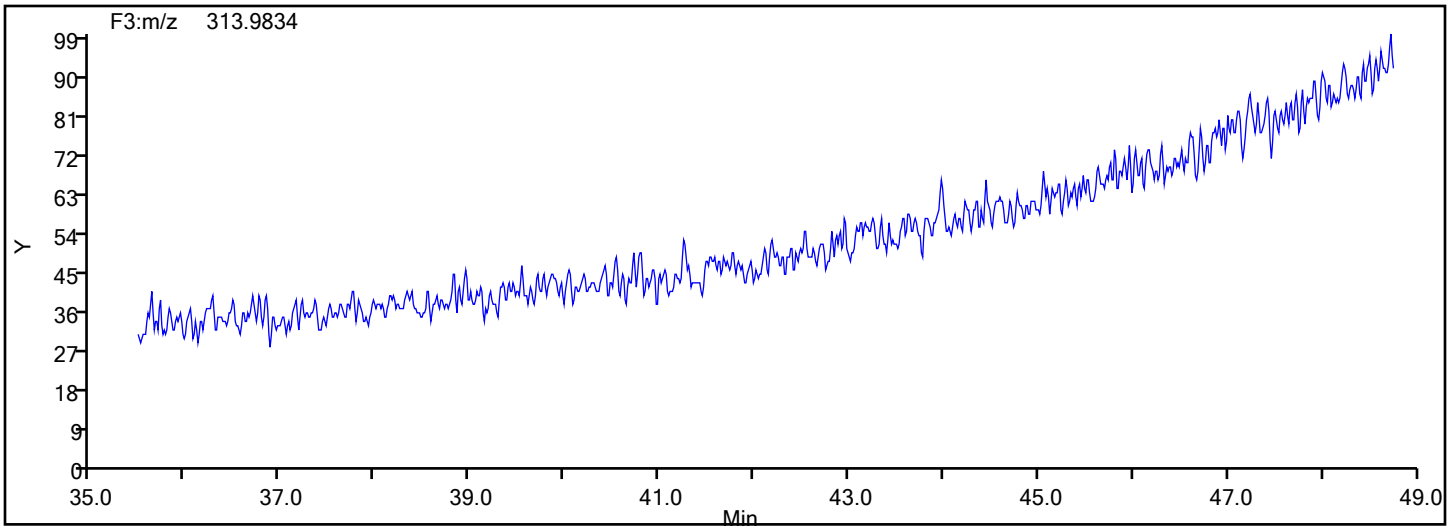
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

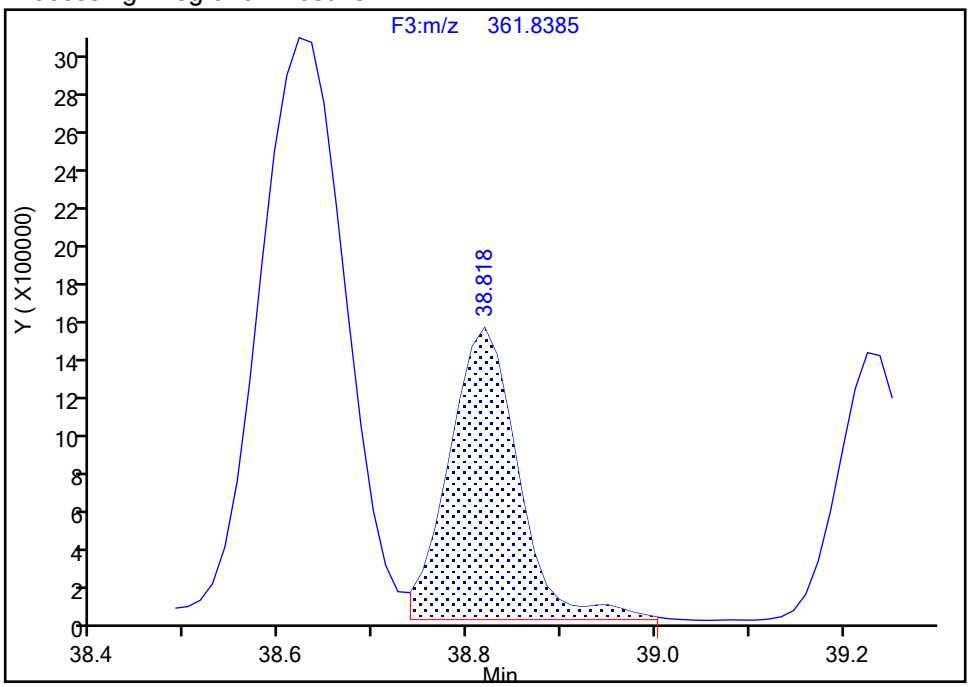
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-141, CAS: 52712-04-6

Signal: 2

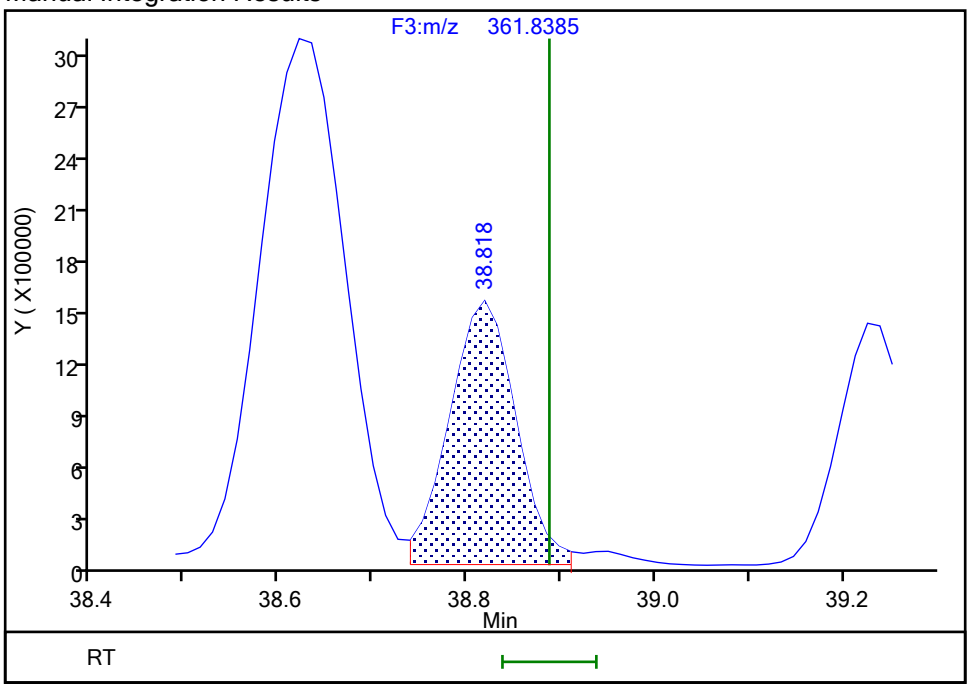
Processing Integration Results

RT: 38.82
Area: 7878385
Amount: 106.3619
Amount Units: pg/ul



Manual Integration Results

RT: 38.82
Area: 7572698
Amount: 104.4962
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:19:24
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

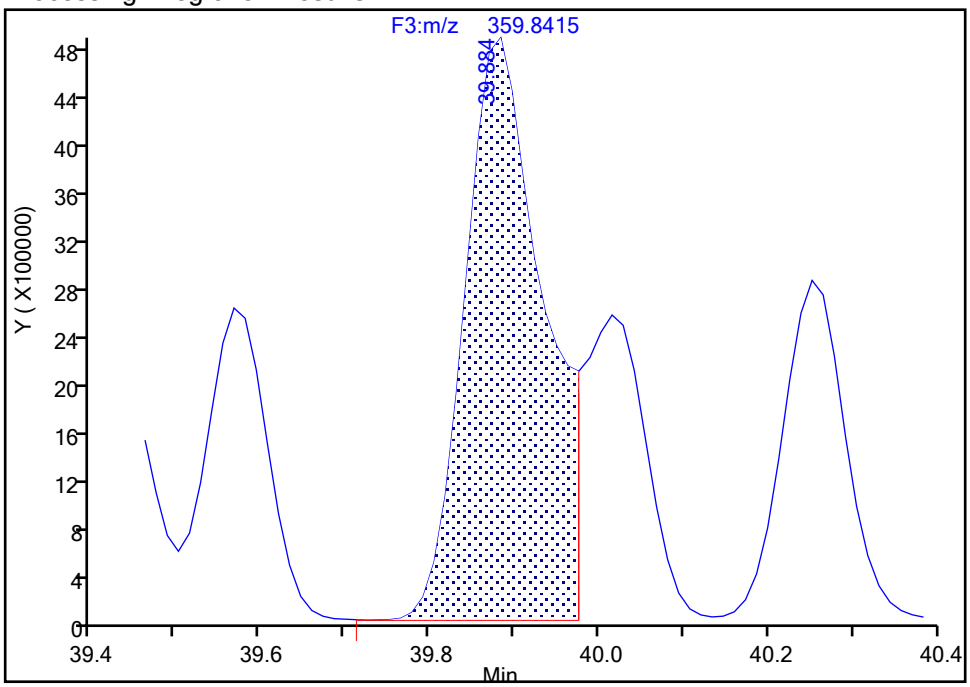
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 1

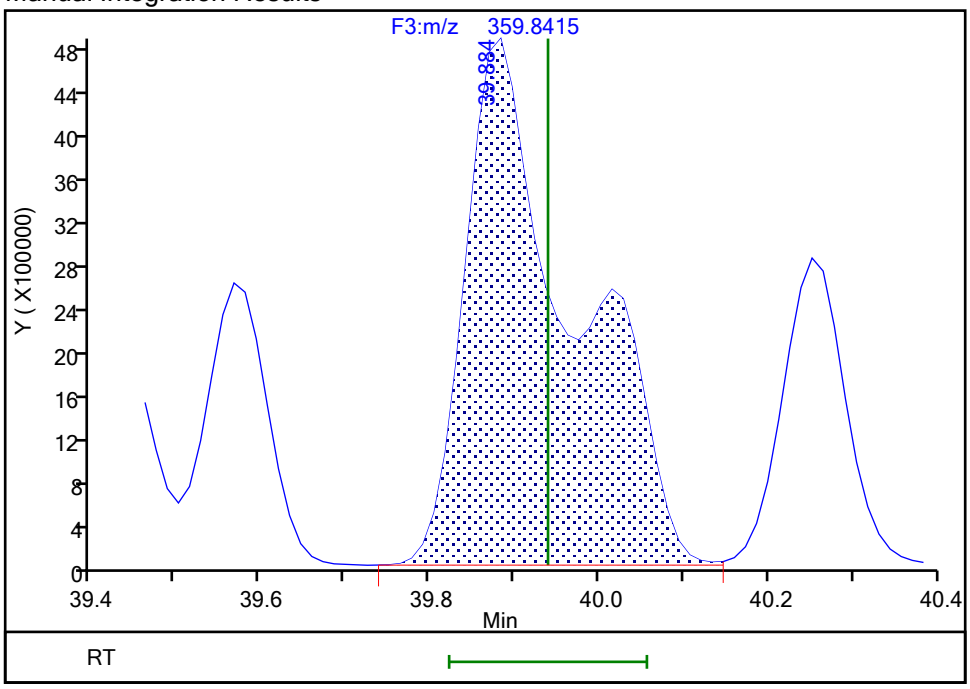
Processing Integration Results

RT: 39.88
Area: 30870083
Amount: 290.6515
Amount Units: pg/ul



Manual Integration Results

RT: 39.88
Area: 43387193
Amount: 409.2751
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:19:39
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

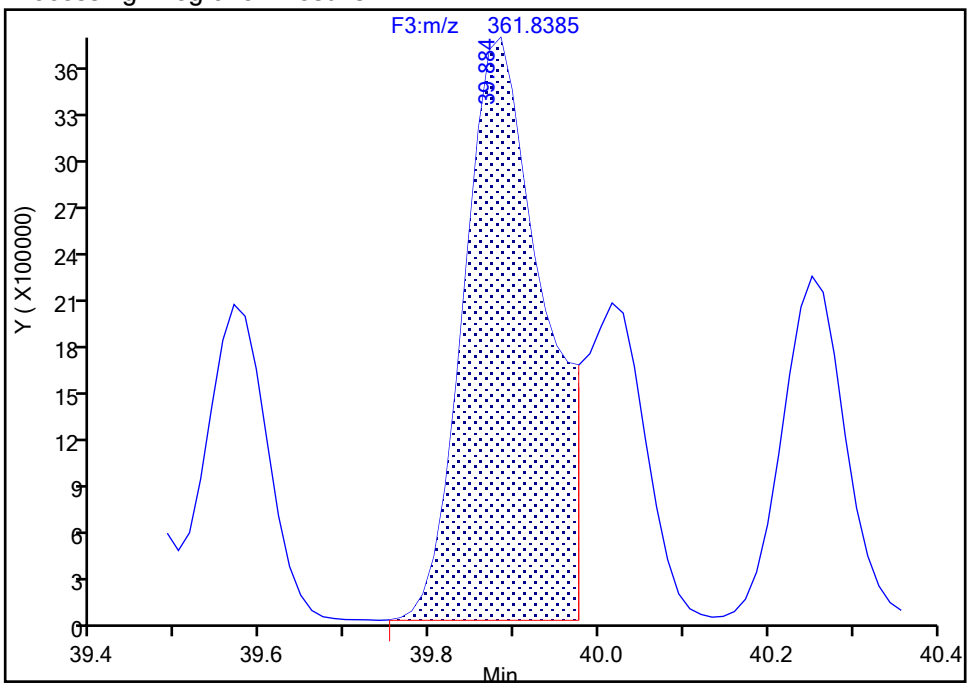
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 2

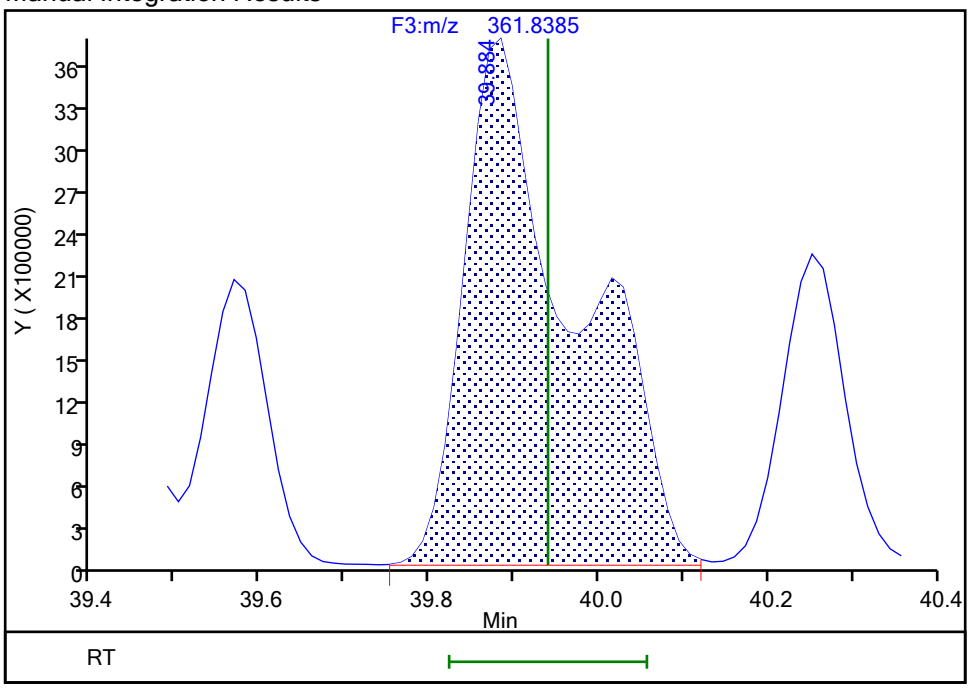
Processing Integration Results

RT: 39.88
Area: 24577069
Amount: 290.6515
Amount Units: pg/ul



Manual Integration Results

RT: 39.88
Area: 34689613
Amount: 409.2751
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:19:47
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

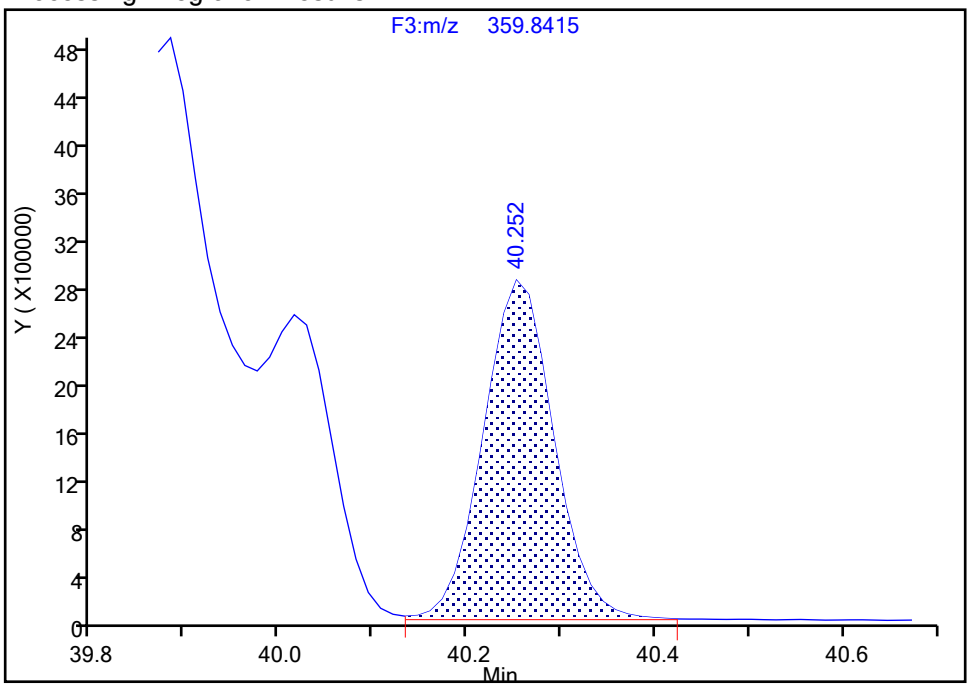
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-158, CAS: 74472-42-7

Signal: 1

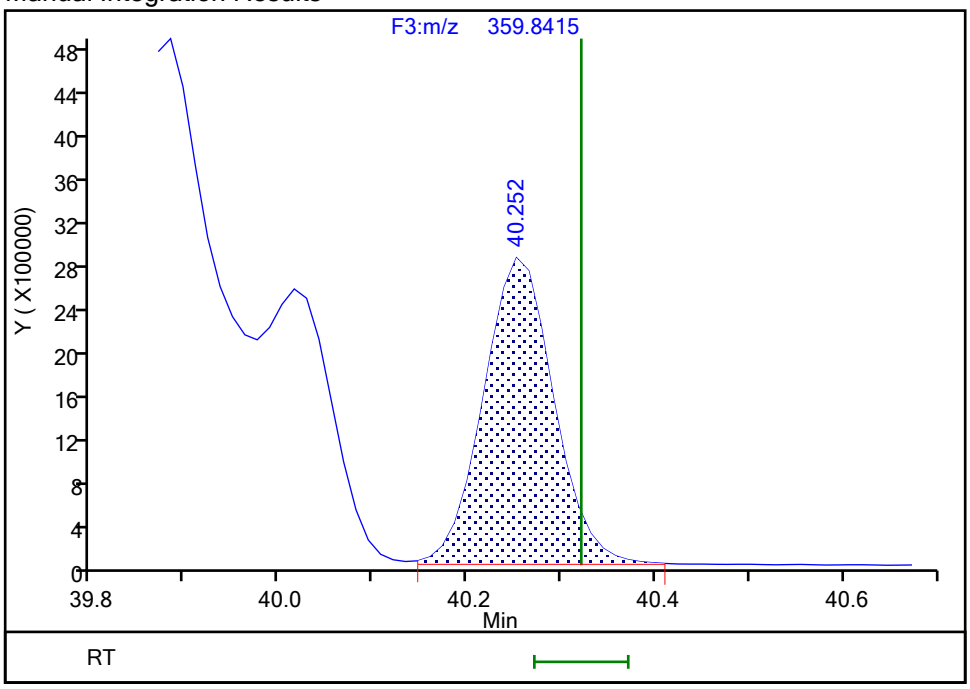
Processing Integration Results

RT: 40.25
Area: 14690567
Amount: 107.5929
Amount Units: pg/ul



Manual Integration Results

RT: 40.25
Area: 14617569
Amount: 107.2948
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:19:58

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

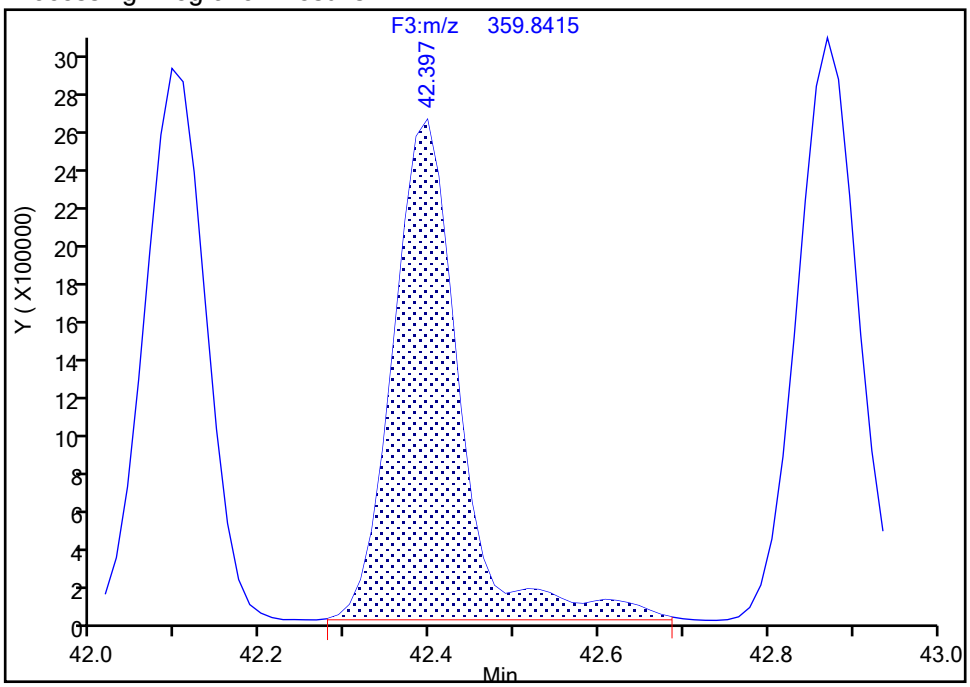
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-162, CAS: 39635-34-2

Signal: 1

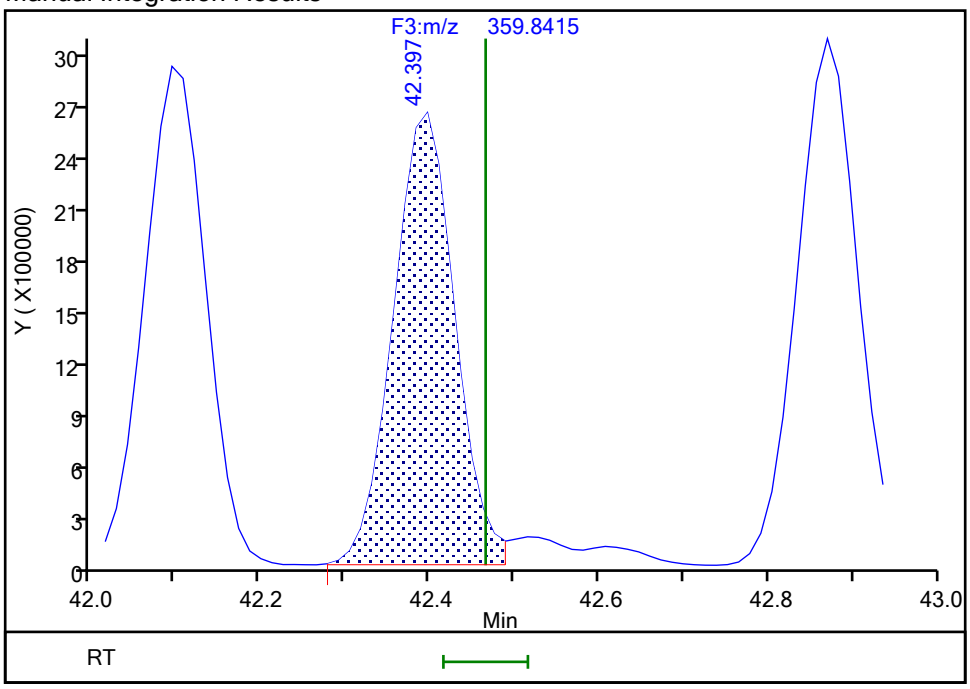
Processing Integration Results

RT: 42.40
Area: 14223129
Amount: 107.8849
Amount Units: pg/ul



Manual Integration Results

RT: 42.40
Area: 13043980
Amount: 99.338875
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:20:12
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

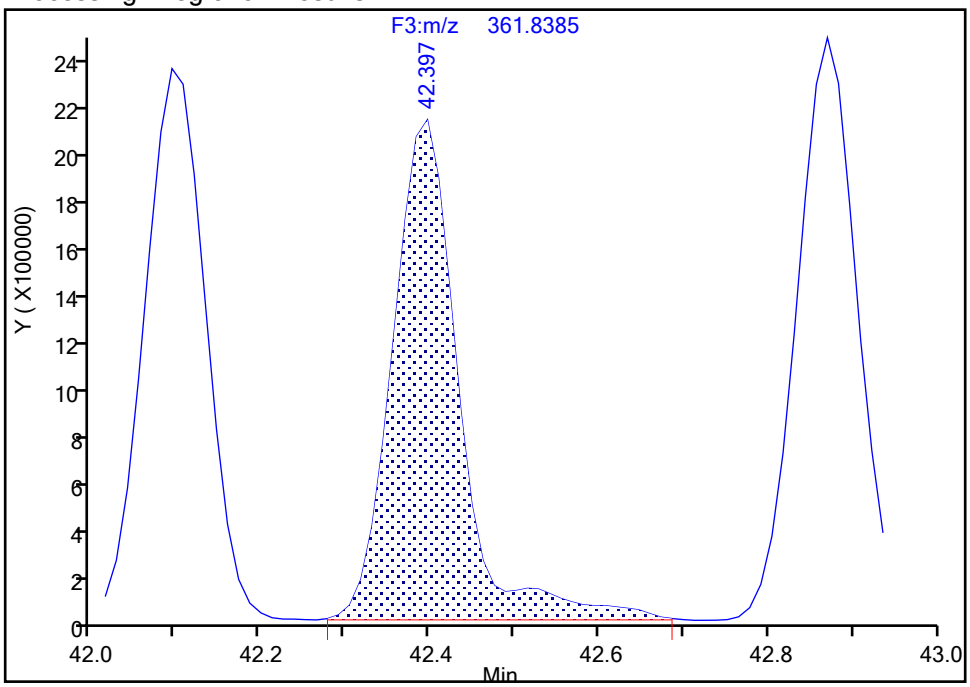
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-162, CAS: 39635-34-2

Signal: 2

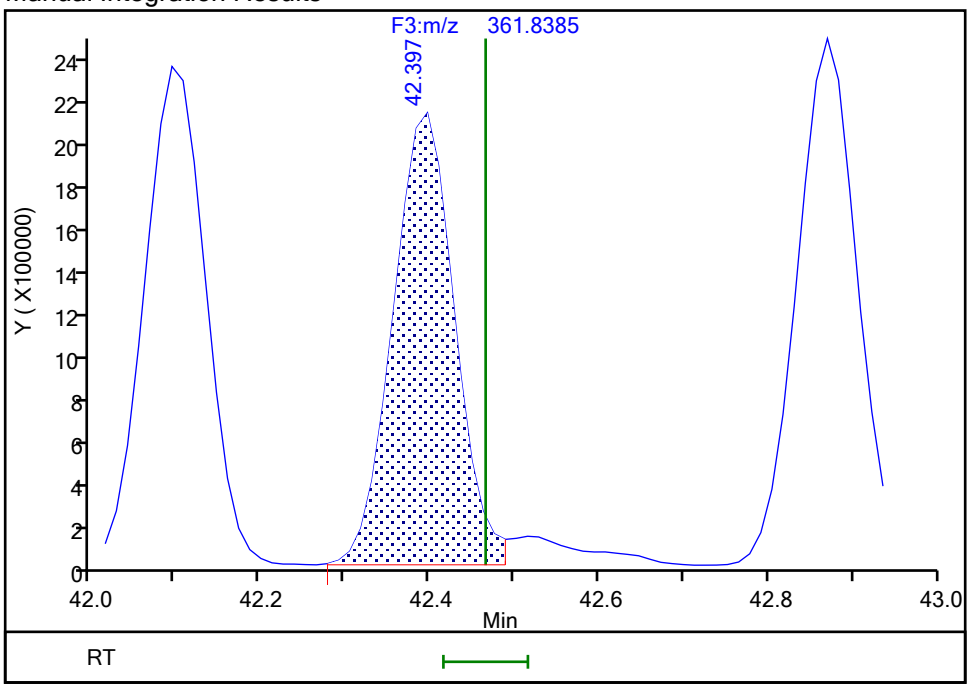
Processing Integration Results

RT: 42.40
Area: 11275066
Amount: 107.8849
Amount Units: pg/ul



Manual Integration Results

RT: 42.40
Area: 10434388
Amount: 99.338875
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:20:14
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

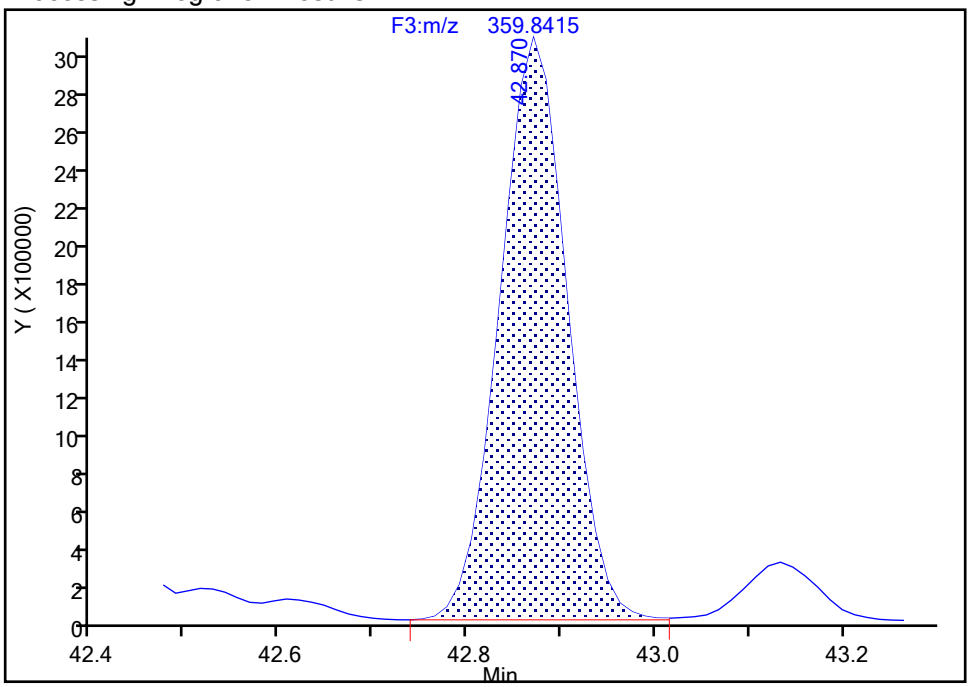
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-167, CAS: 52663-72-6

Signal: 1

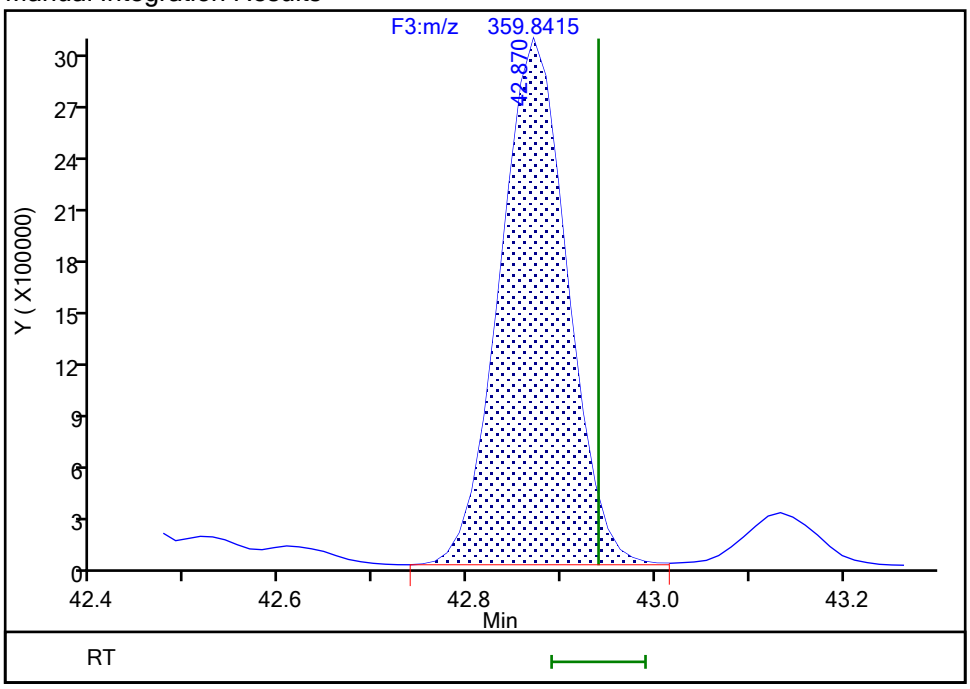
Processing Integration Results

RT: 42.87
Area: 15024832
Amount: 113.2561
Amount Units: pg/ul



Manual Integration Results

RT: 42.87
Area: 15024832
Amount: 113.2561
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:23:35
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

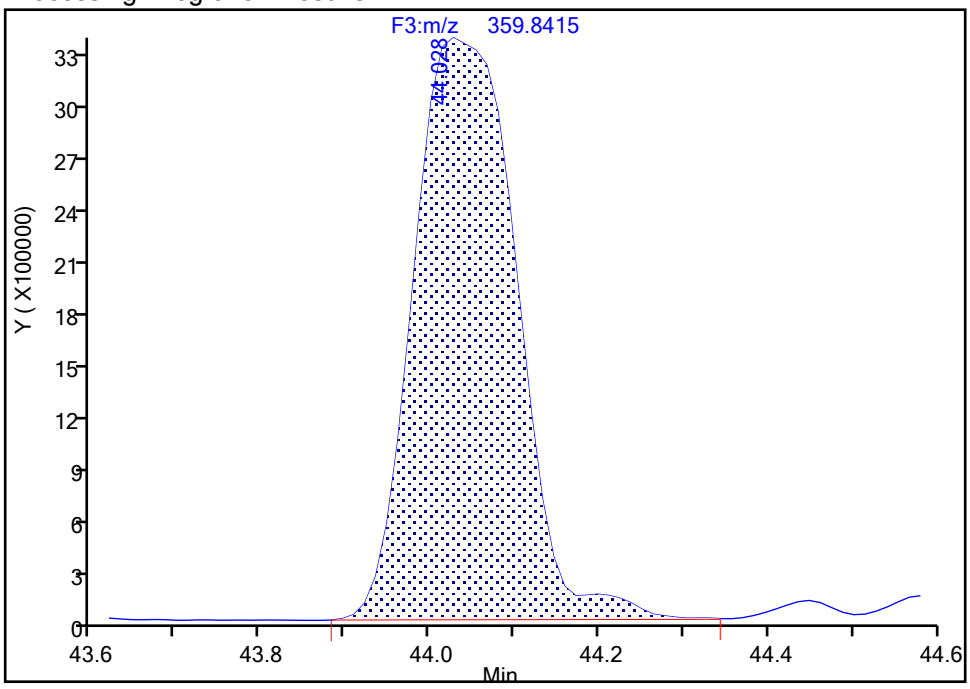
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-156/157, CAS: STL01792

Signal: 1

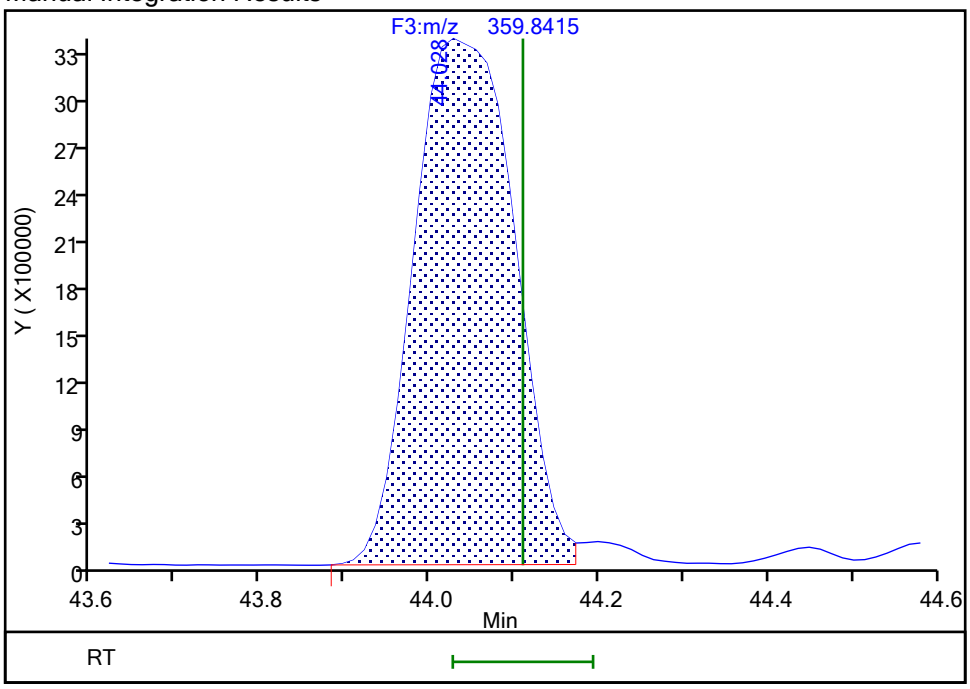
Processing Integration Results

RT: 44.03
Area: 28188120
Amount: 222.3487
Amount Units: pg/ul



Manual Integration Results

RT: 44.03
Area: 27520050
Amount: 217.7075
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:20:22
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

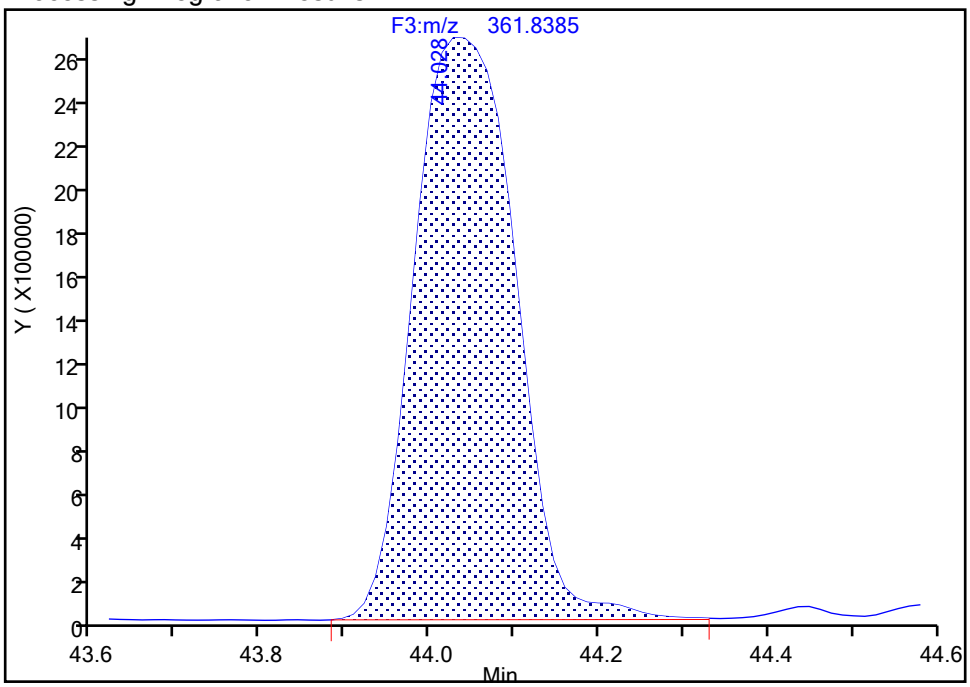
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-156/157, CAS: STL01792

Signal: 2

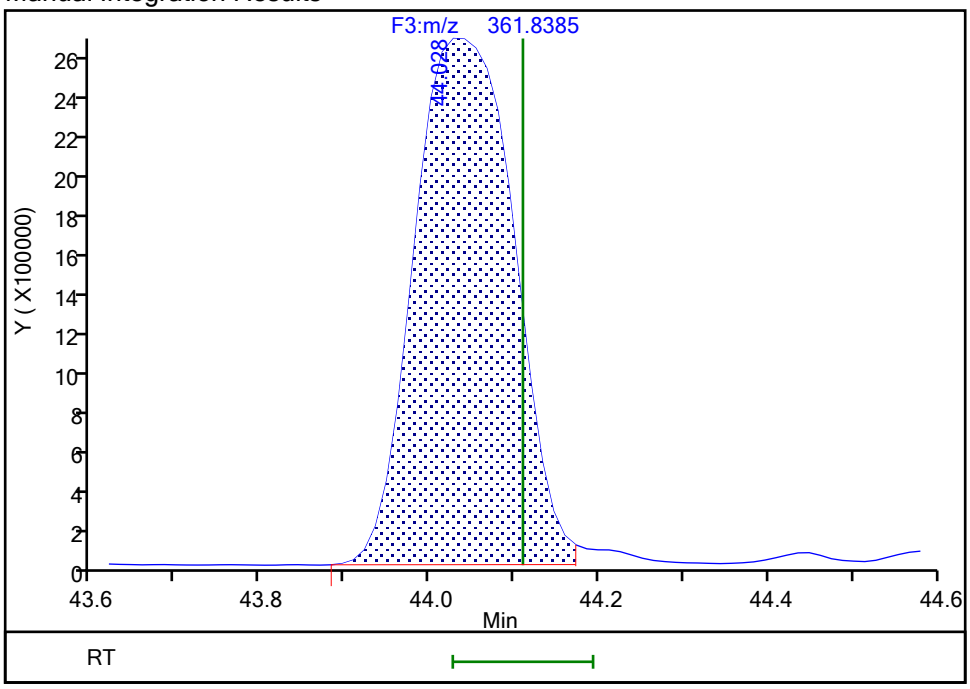
Processing Integration Results

RT: 44.03
Area: 22300265
Amount: 222.3487
Amount Units: pg/ul



Manual Integration Results

RT: 44.03
Area: 21914472
Amount: 217.7075
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:20:24
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

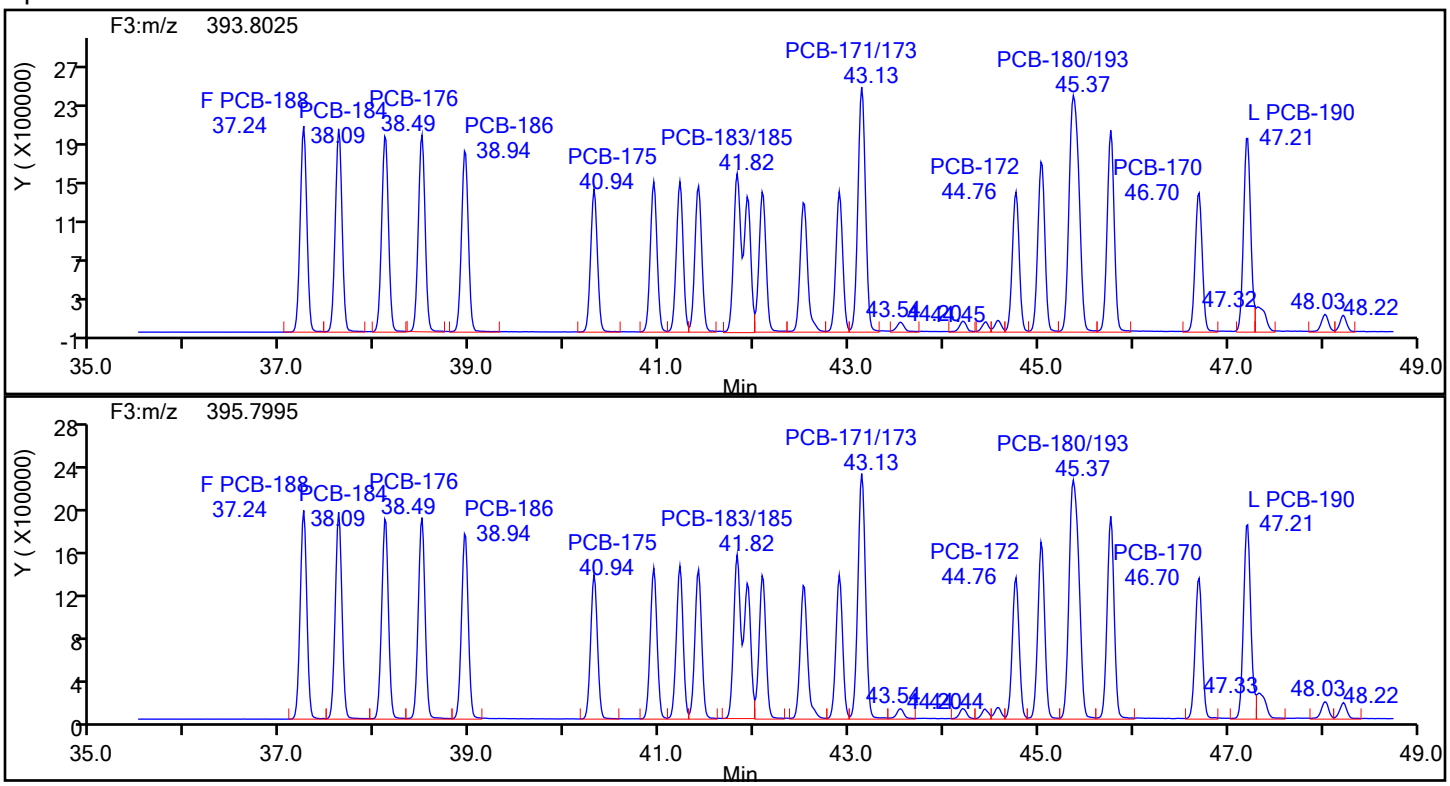
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

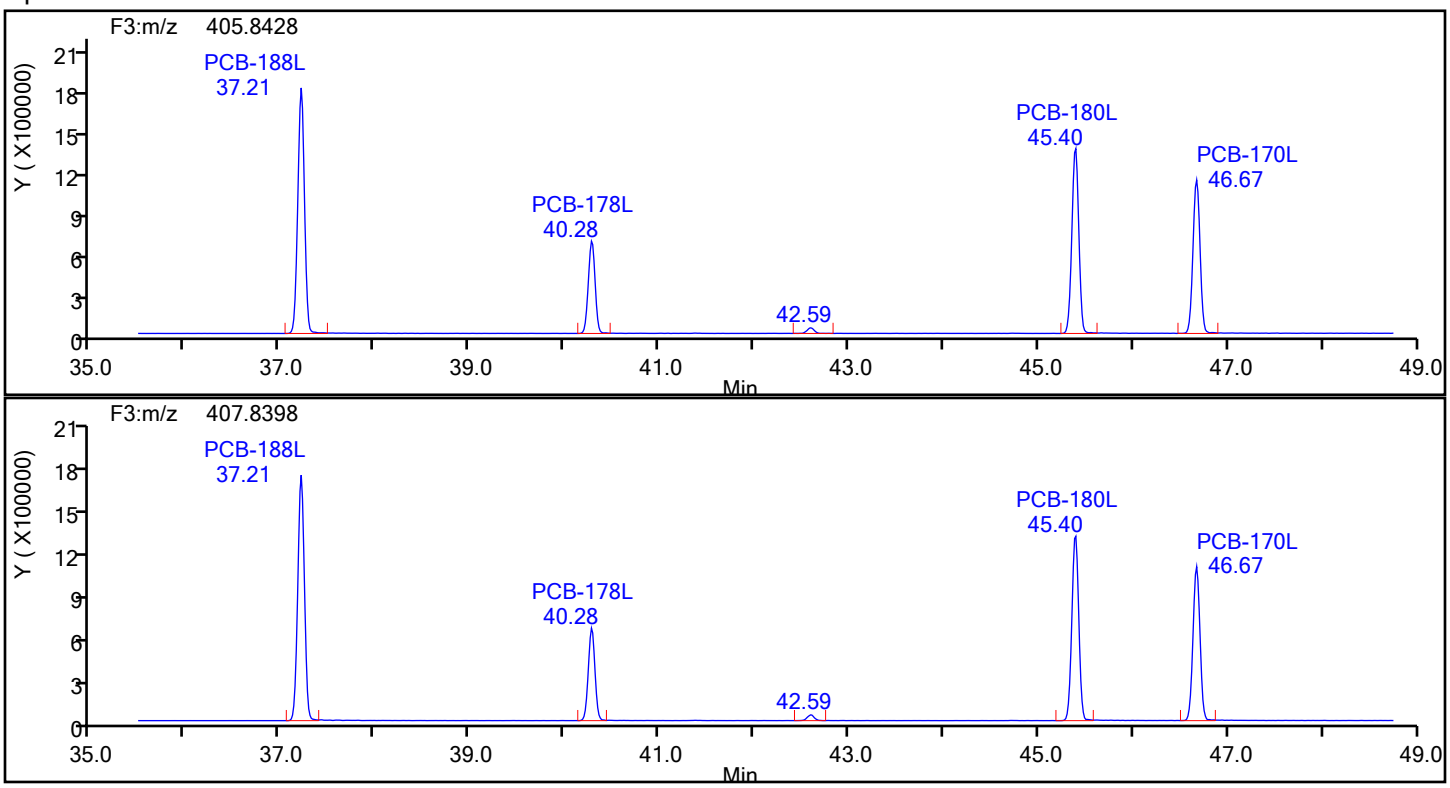
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

HpPCB F3



HpPCB F3 Standards

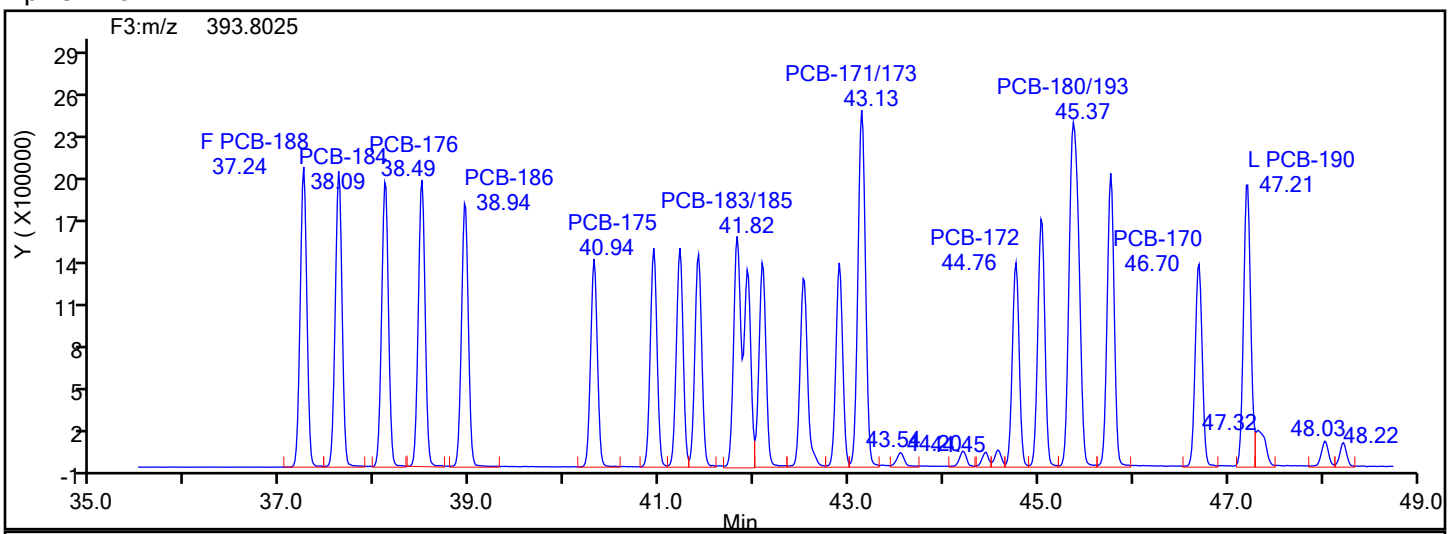


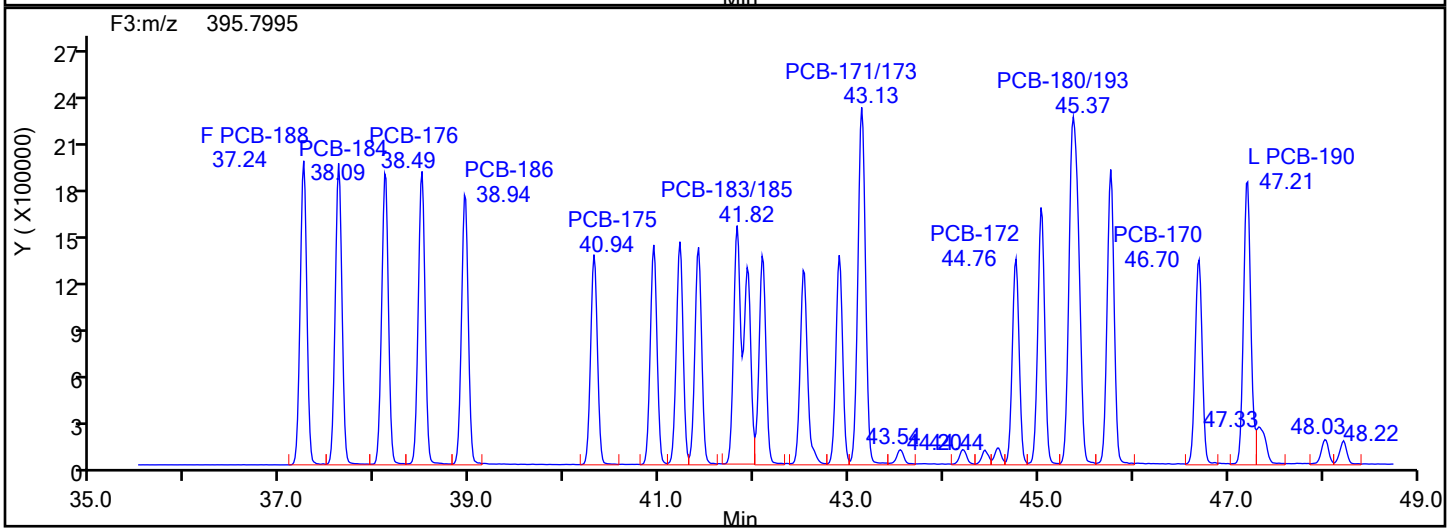
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

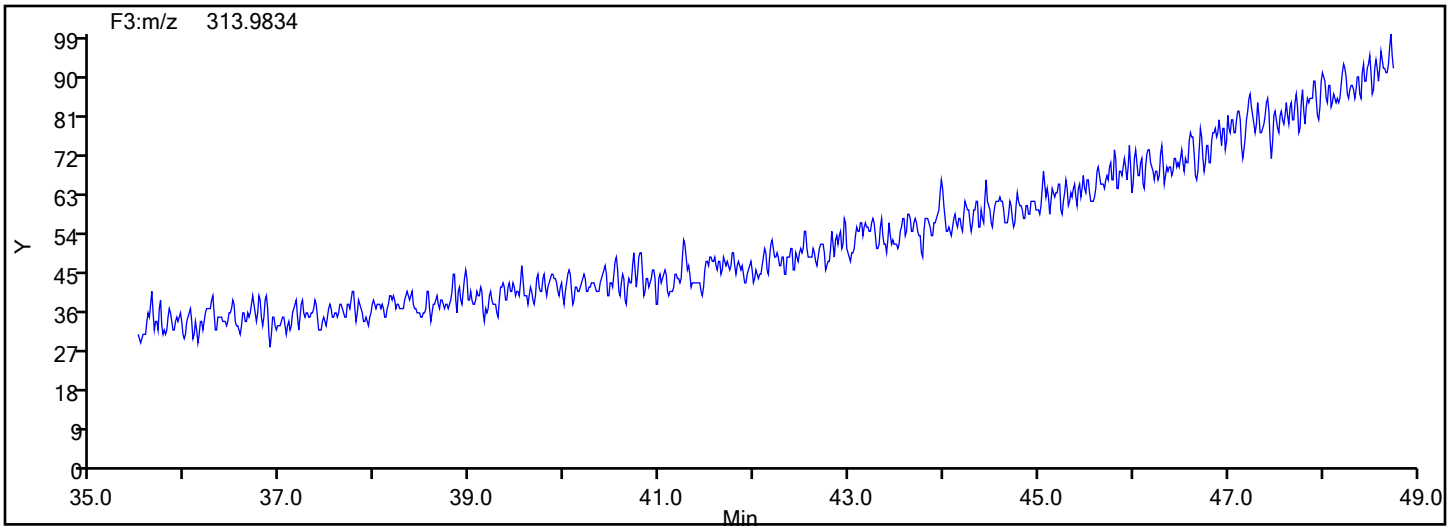
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

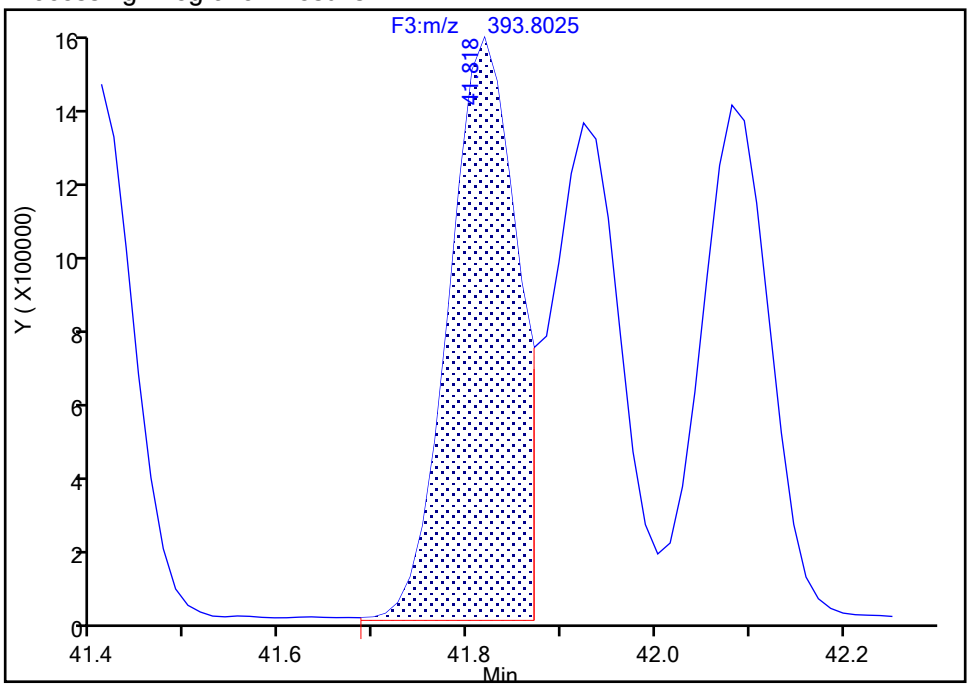
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d				
Injection Date:	08-Oct-2021 19:20:00	Instrument ID:	D2D		
Lims ID:	ICV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

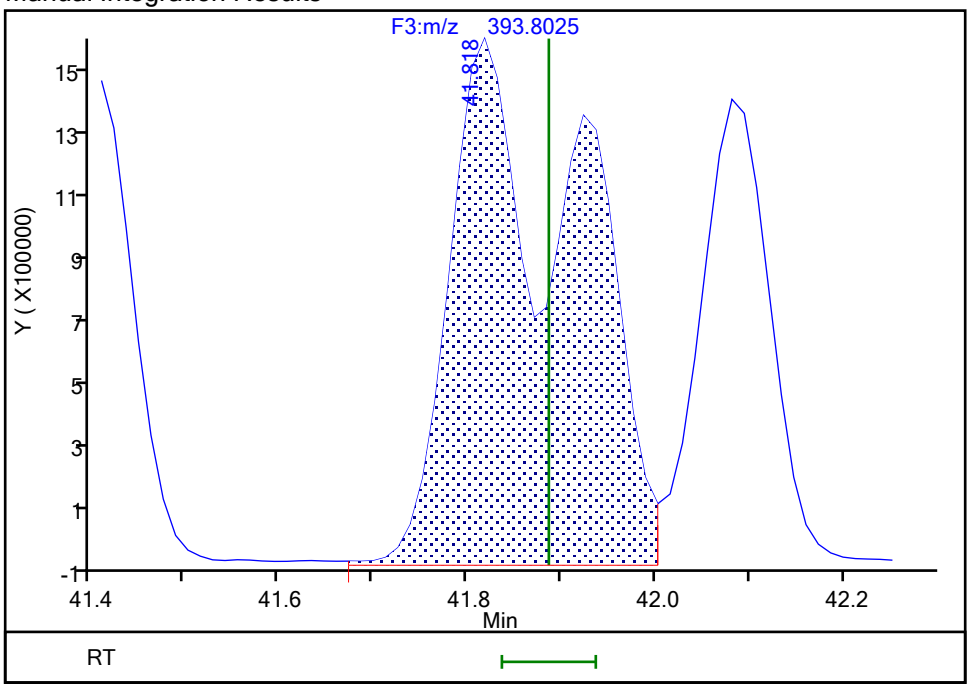
Processing Integration Results

RT: 41.82
Area: 7942504
Amount: 113.2663
Amount Units: pg/ul



Manual Integration Results

RT: 41.82
Area: 14908937
Amount: 210.7534
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:20:43

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

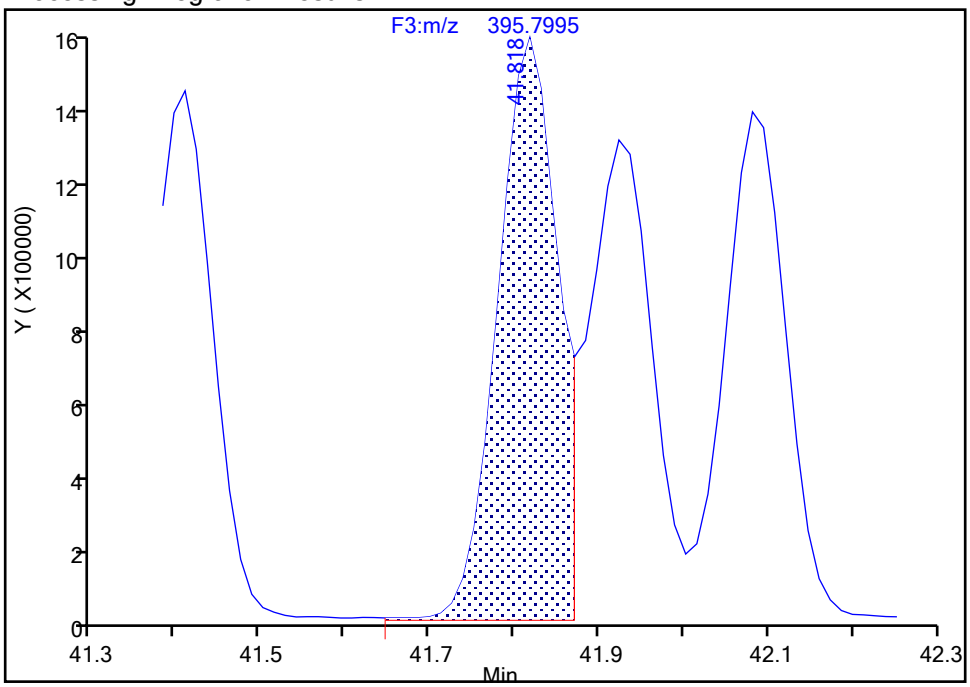
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

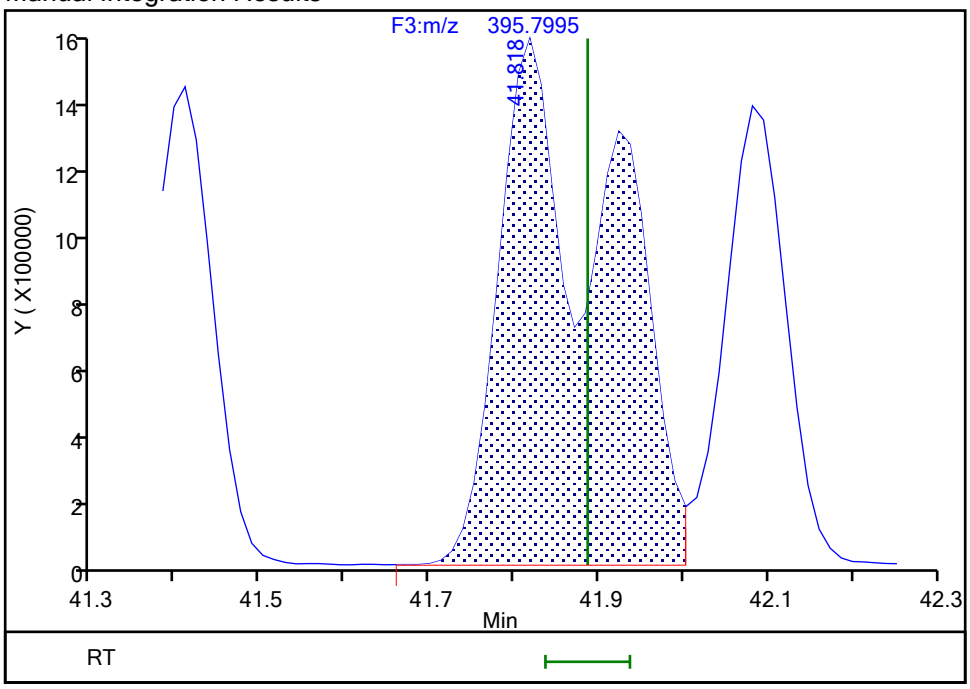
Processing Integration Results

RT: 41.82
Area: 7602998
Amount: 113.2663
Amount Units: pg/ul



Manual Integration Results

RT: 41.82
Area: 14016411
Amount: 210.7534
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:20:58
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Knoxville

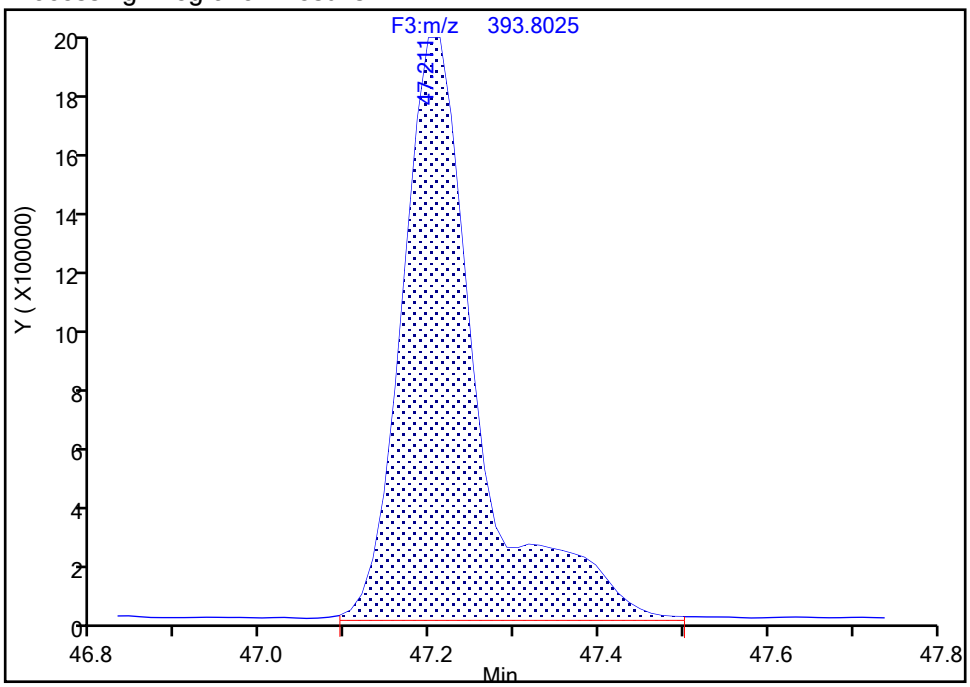
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Instrument ID: D2D
Lims ID: ICV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-190, CAS: 41411-64-7

Signal: 1

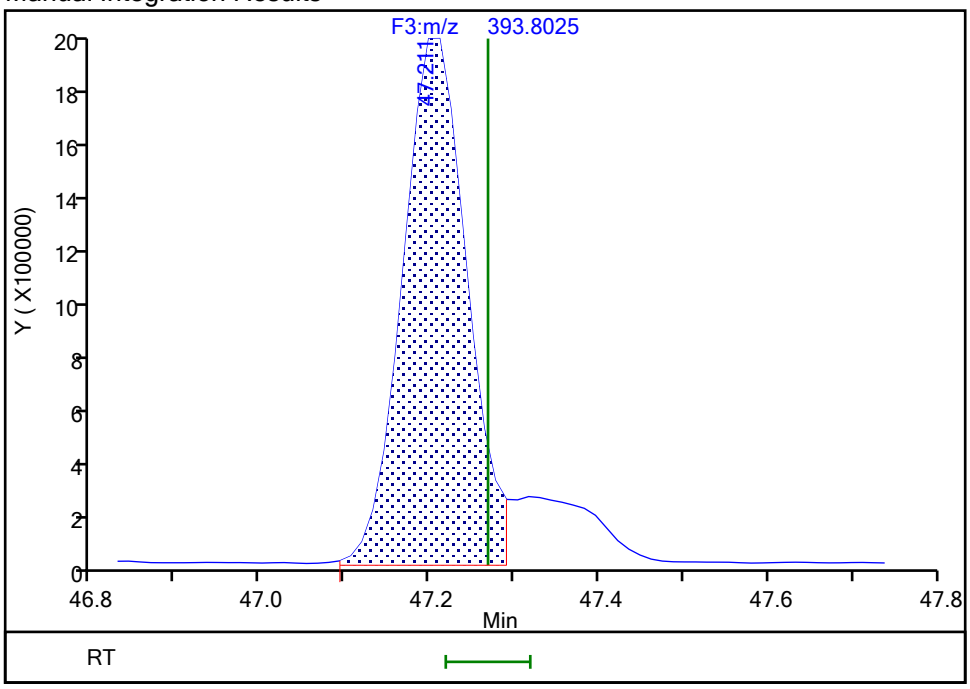
Processing Integration Results

RT: 47.21
Area: 12145085
Amount: 120.4127
Amount Units: pg/ul



Manual Integration Results

RT: 47.21
Area: 10299124
Amount: 110.3636
Amount Units: pg/ul



Reviewer: nordquistj, 09-Oct-2021 11:21:13
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

Injection Date: 08-Oct-2021 19:20:00 Injection Vol: 1.0 ul

Instrument ID: D2D Operator ID: Xcalibur_System

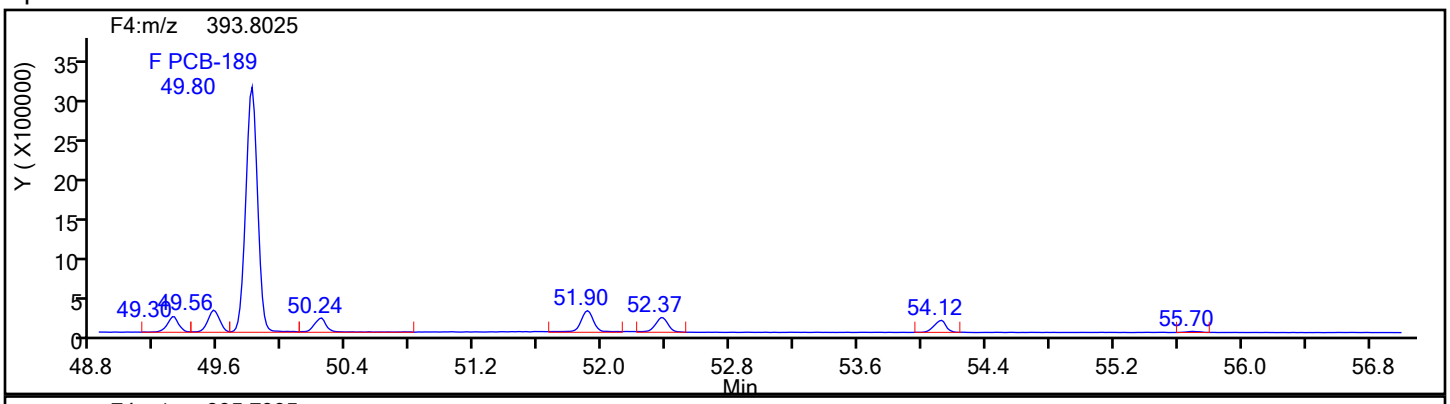
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL

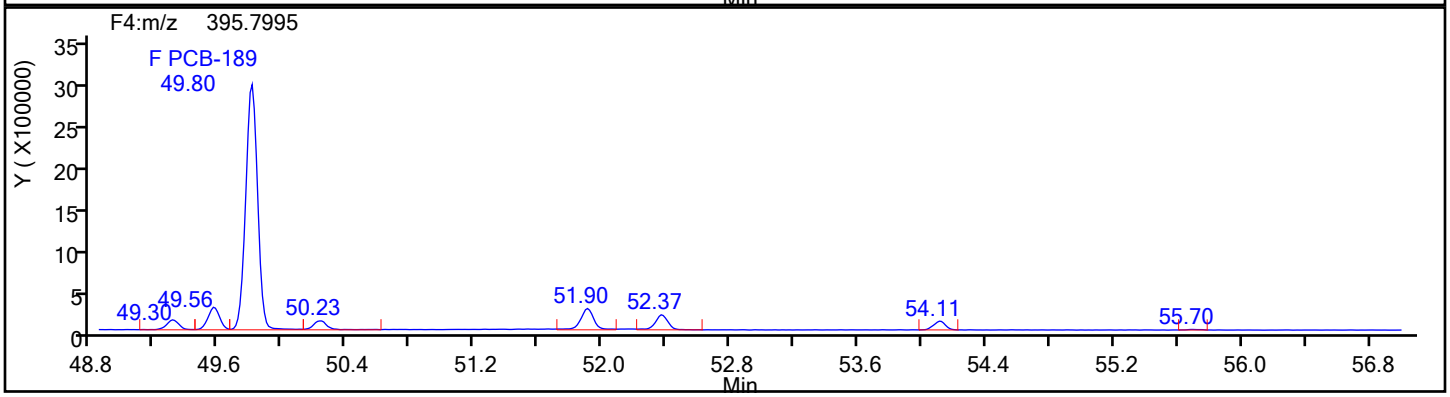
Client ID:

Worklist#: 54640 Sample Line#: 7

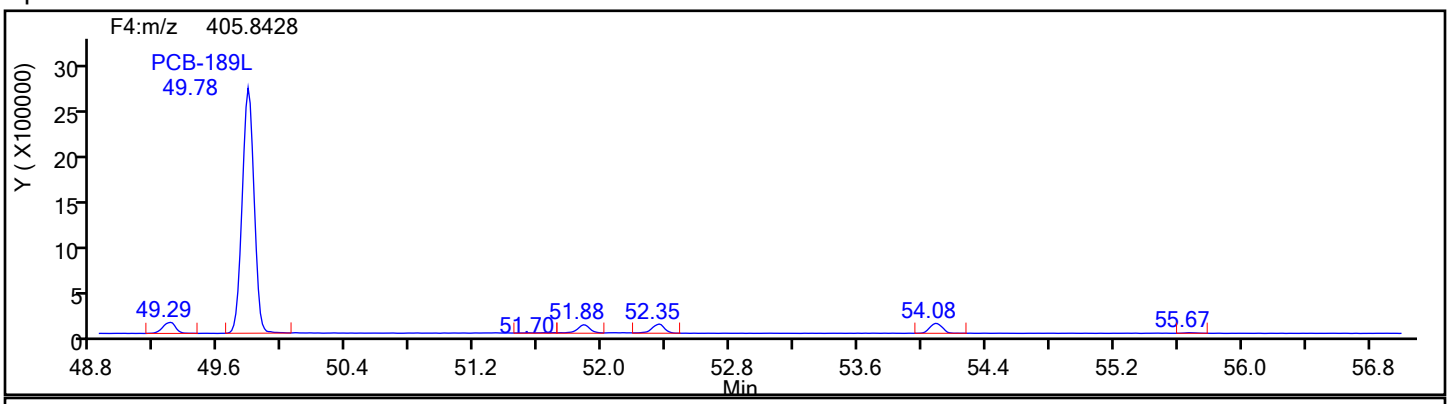
Column Type: Column Dia:

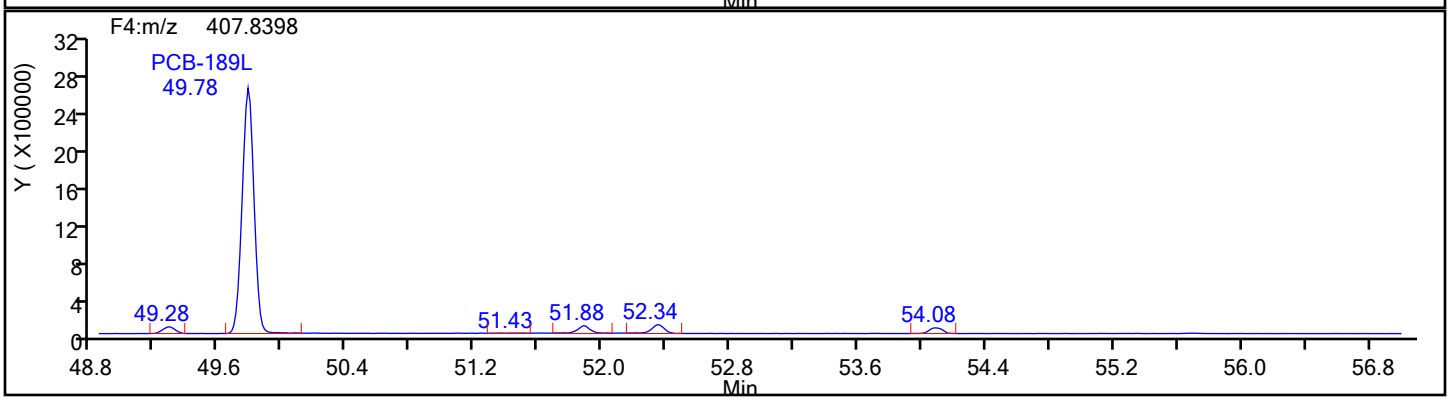
HpPCB F4





HpPCB F4 Standards



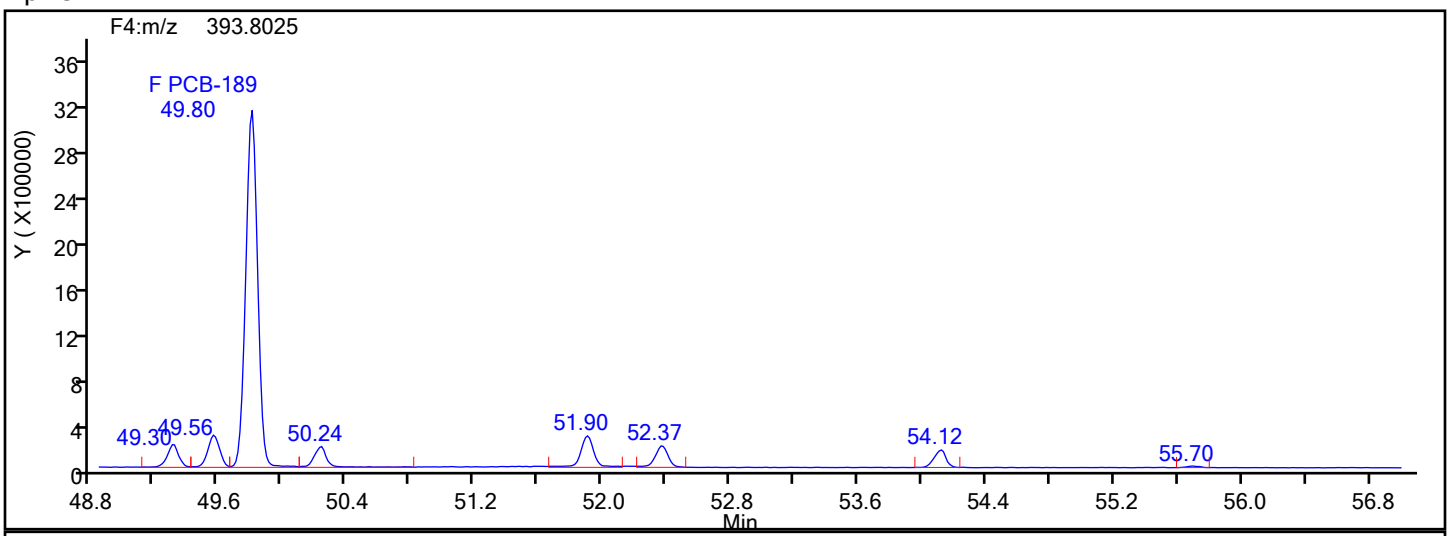


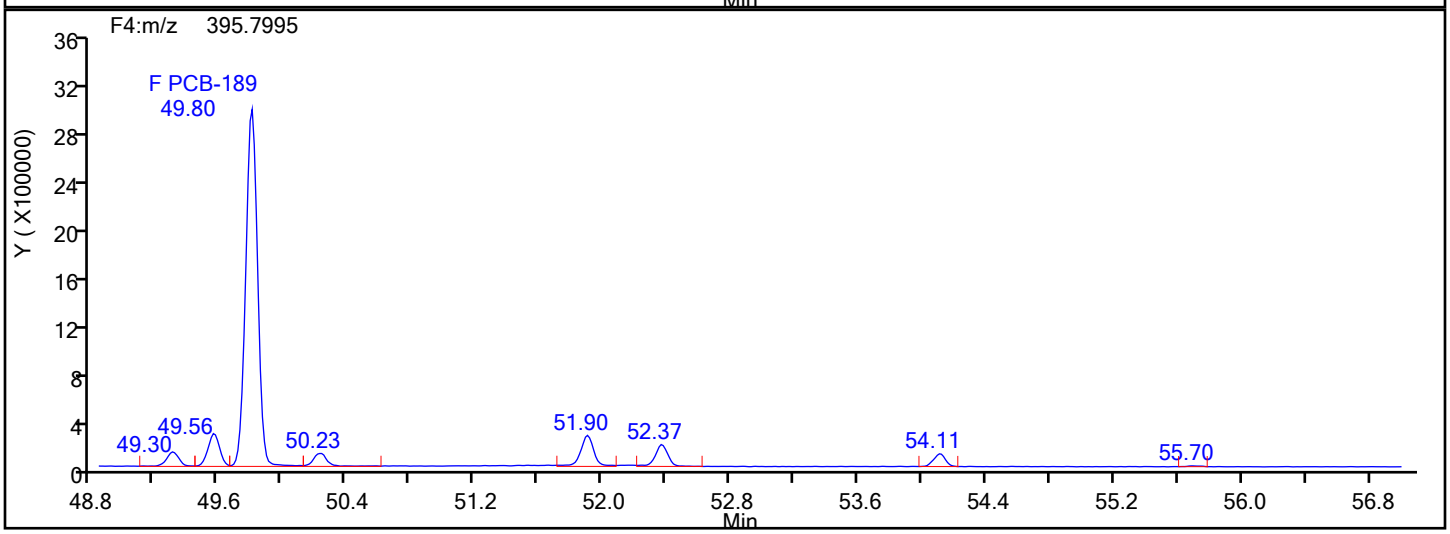
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

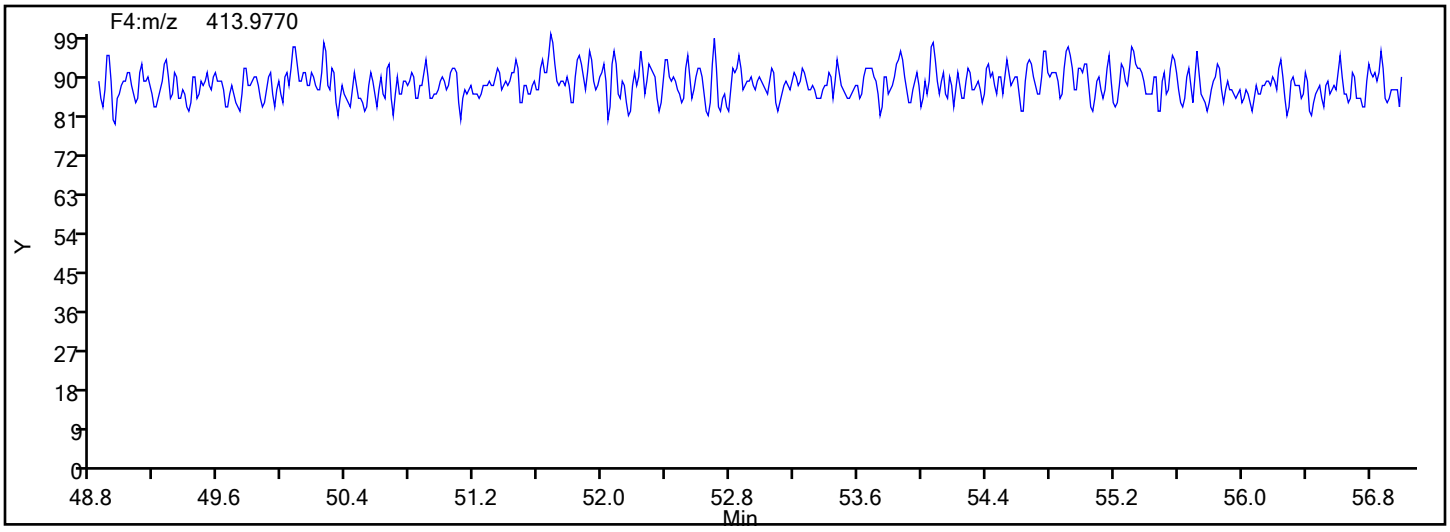
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



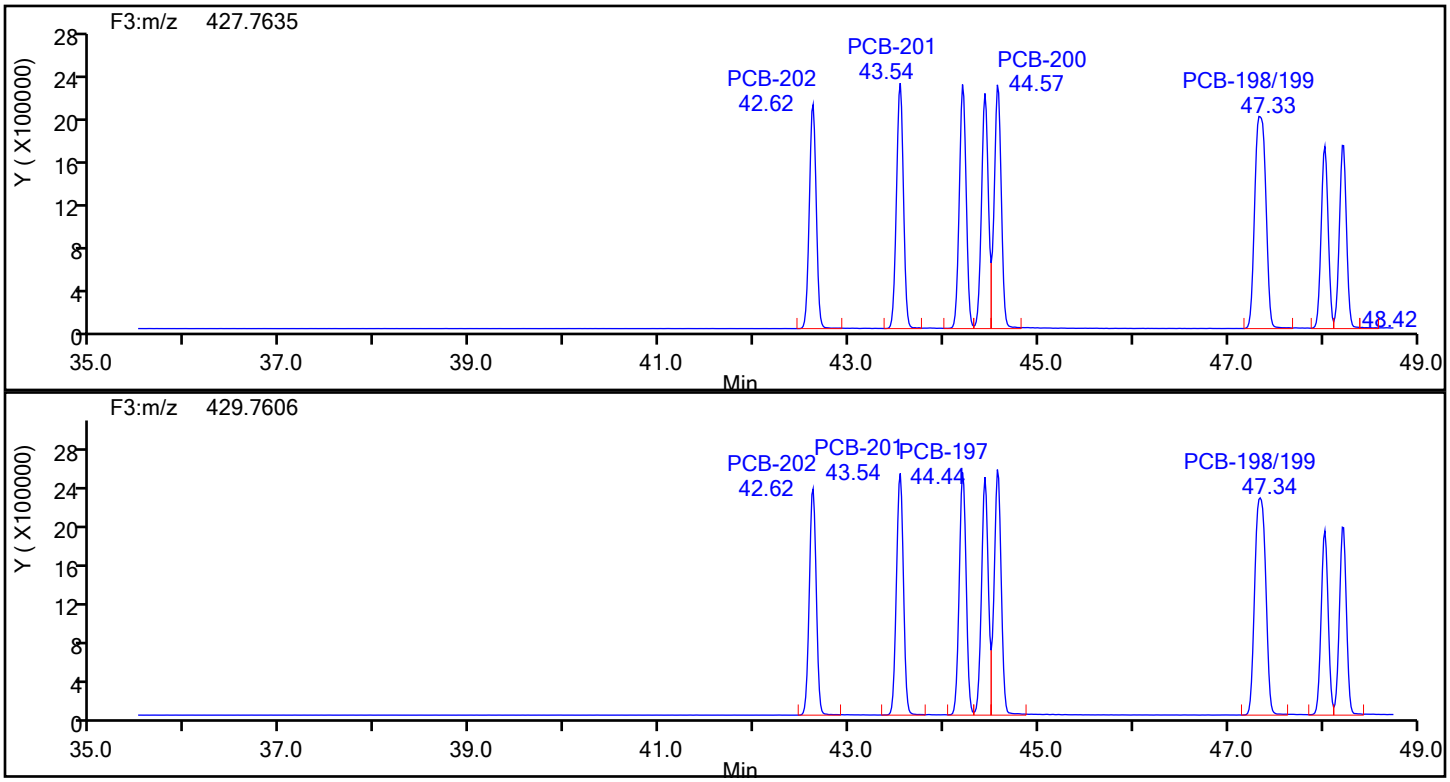
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

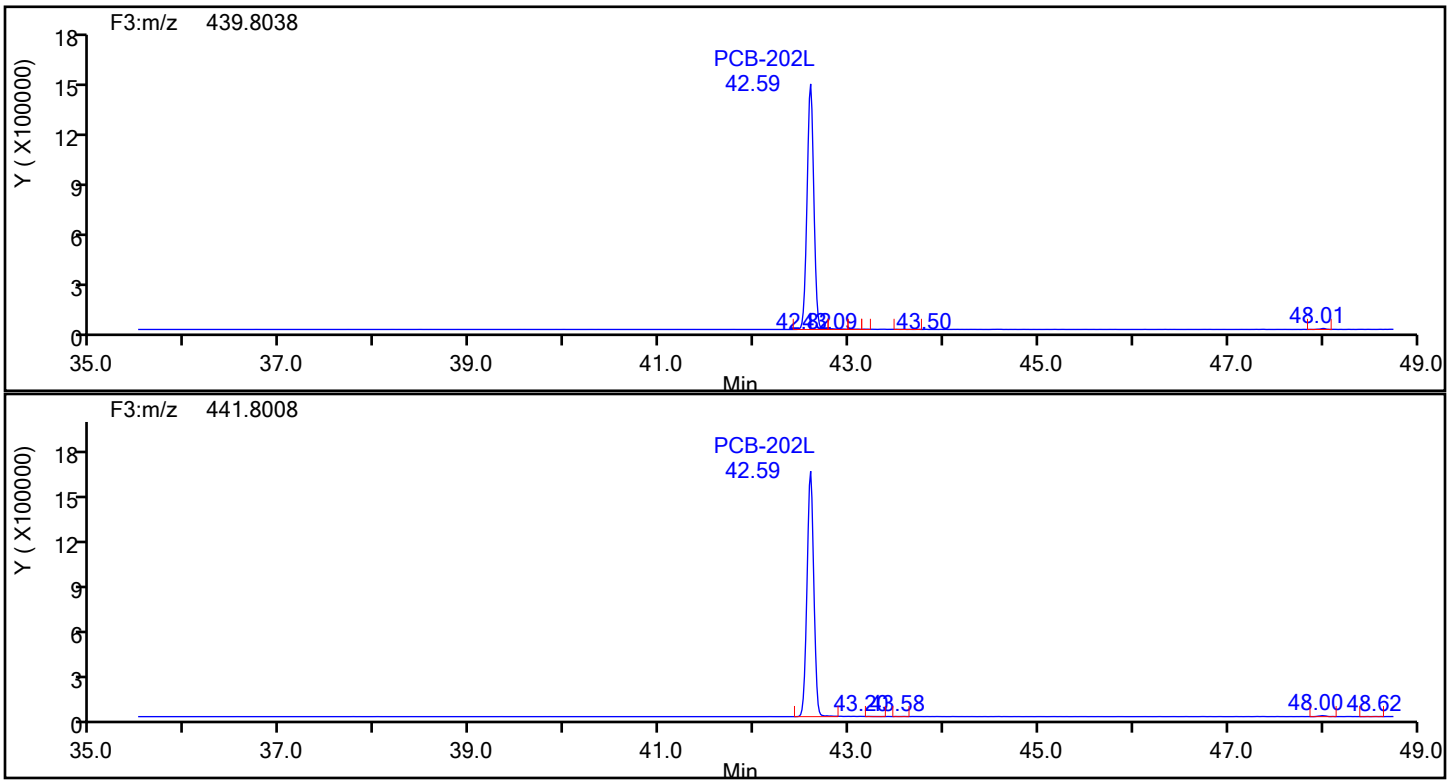
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

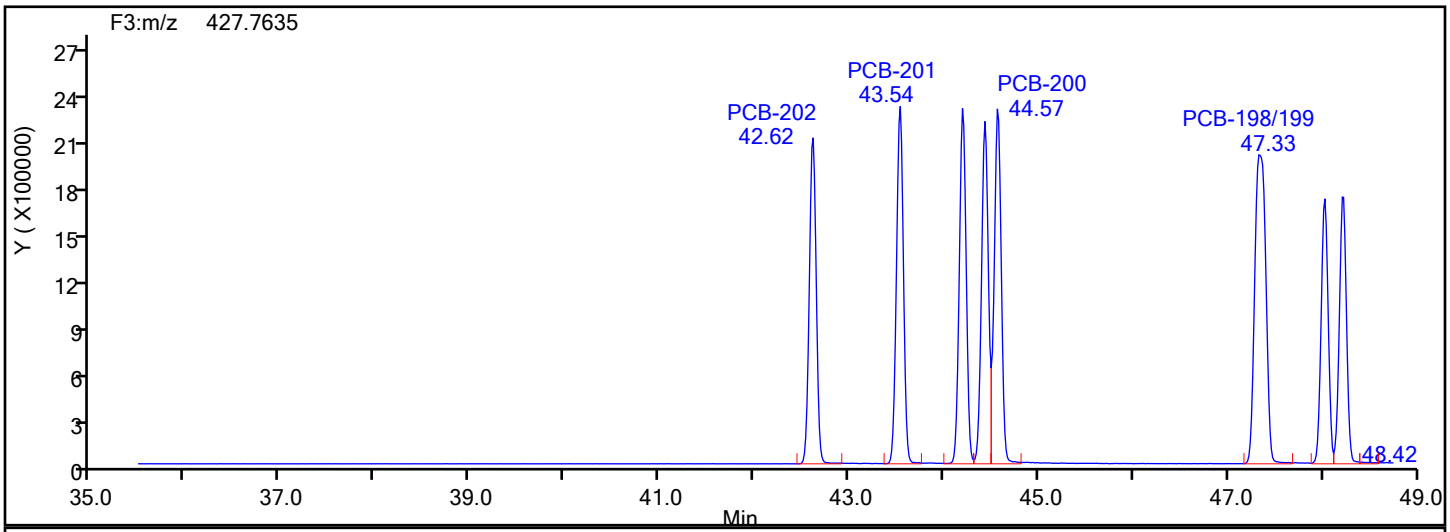


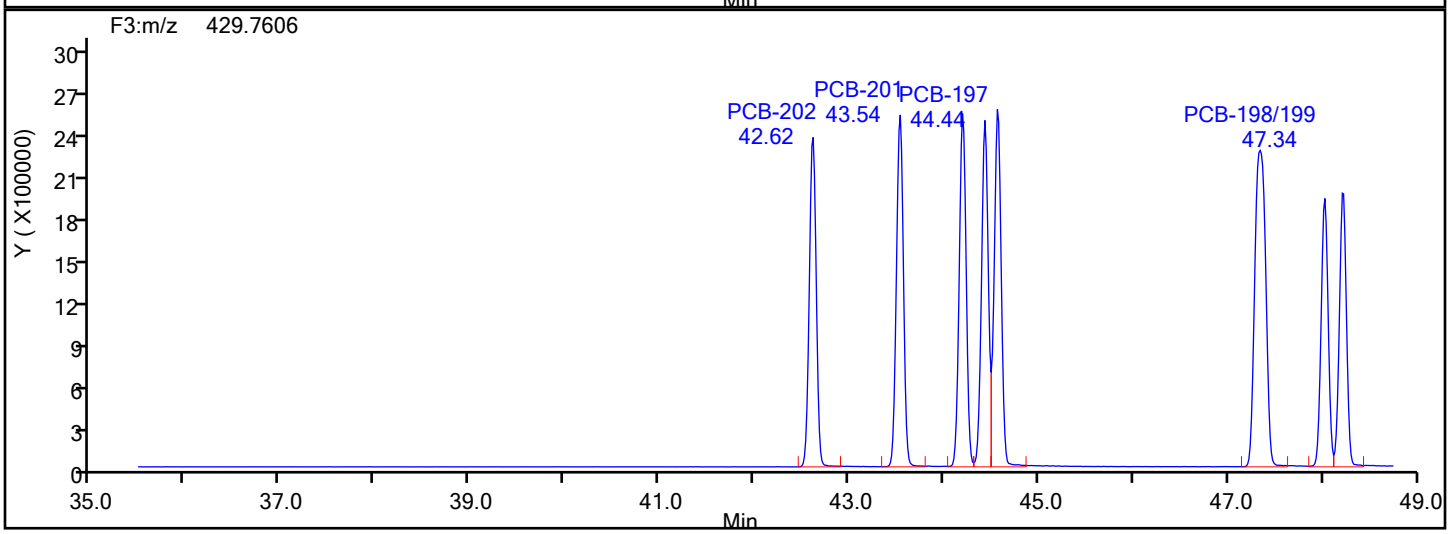
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

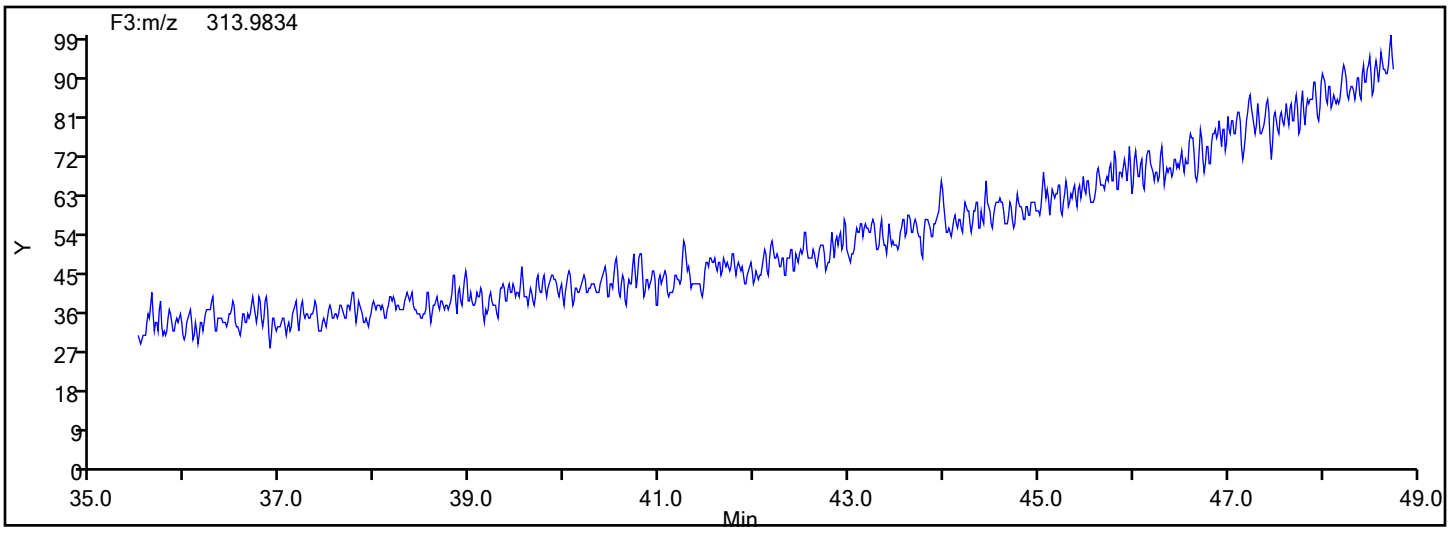
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d
Injection Date: 08-Oct-2021 19:20:00 Injection Vol: 1.0 ul
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 54640 Sample Line#: 7
Column Type: Column Dia:

OcPCB F3





OcPCB F3 Lock Mass

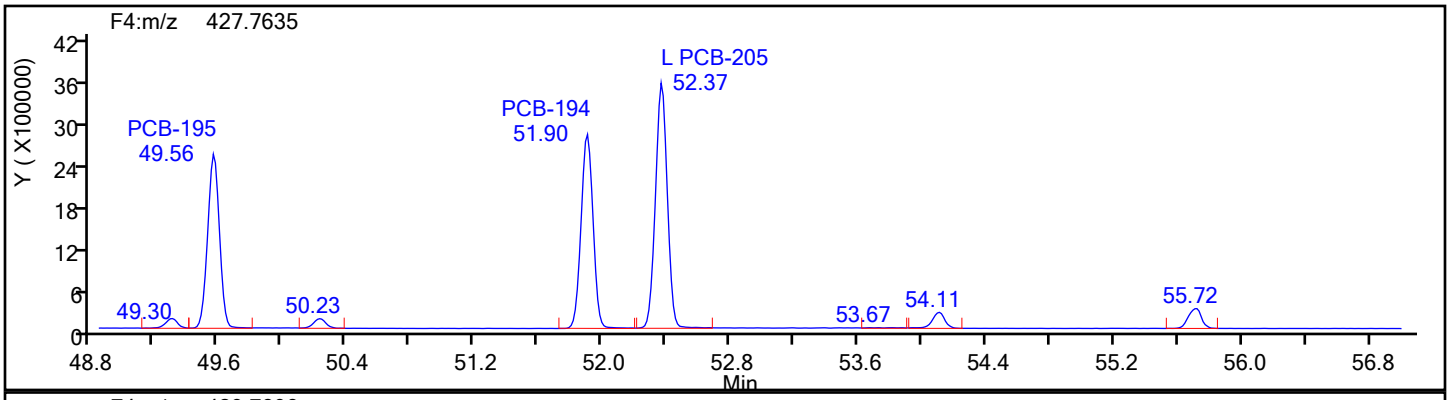


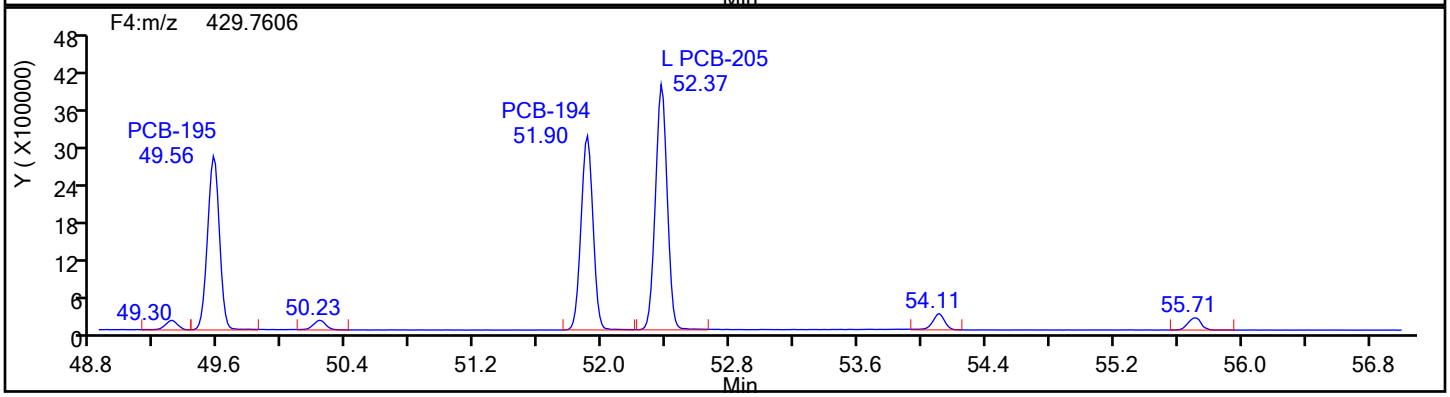
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

OcPCB F4





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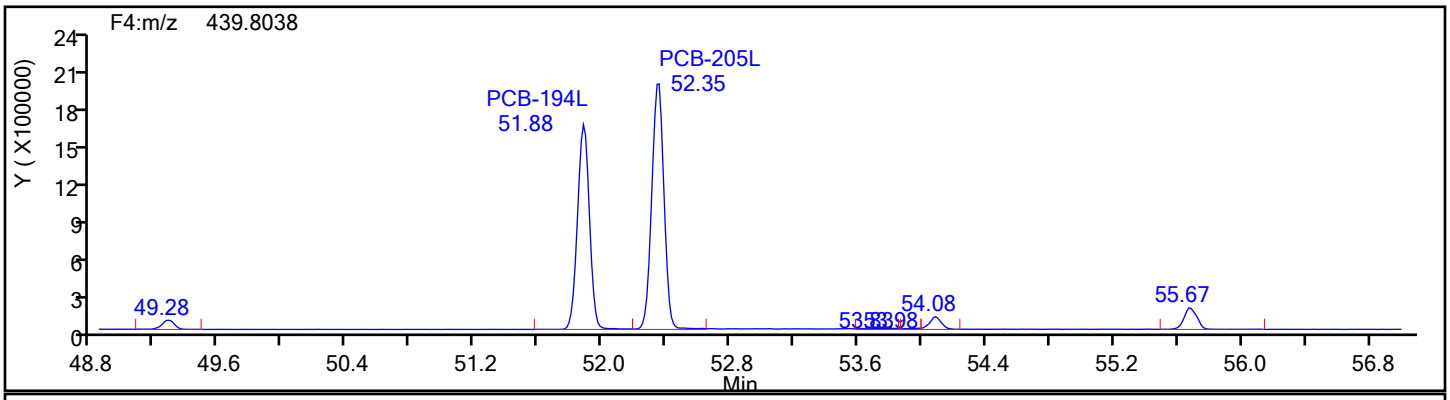
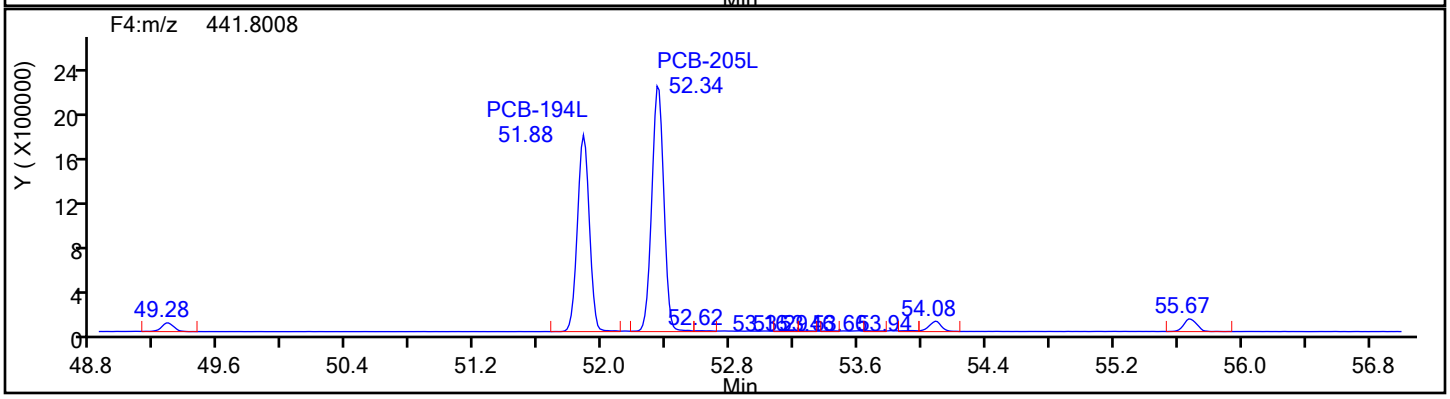


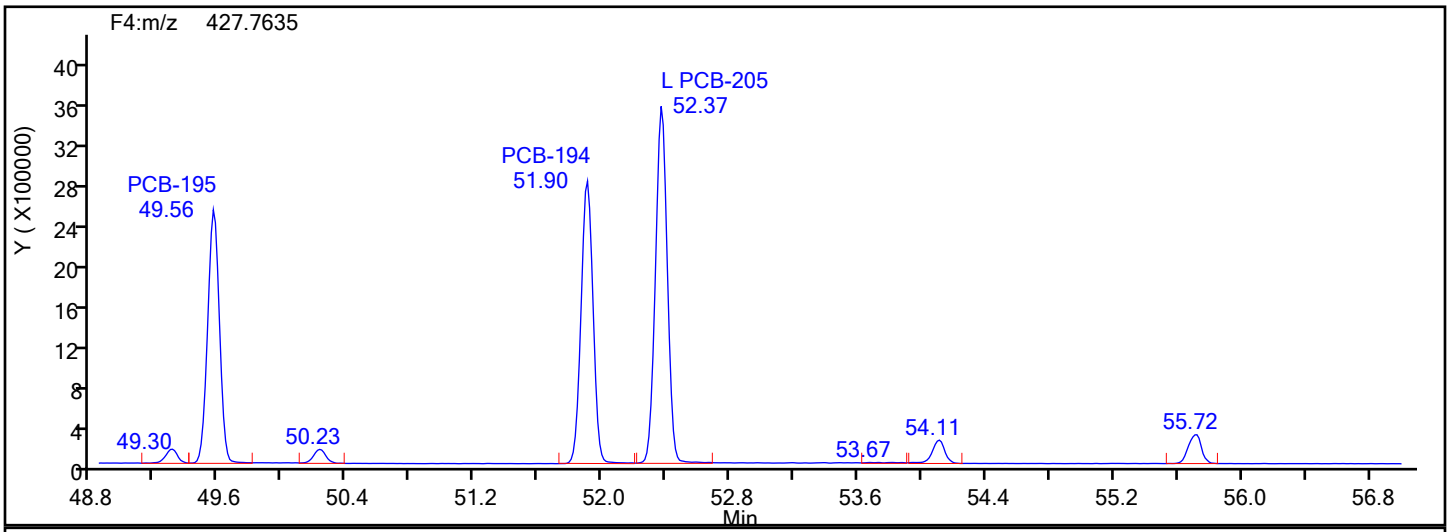


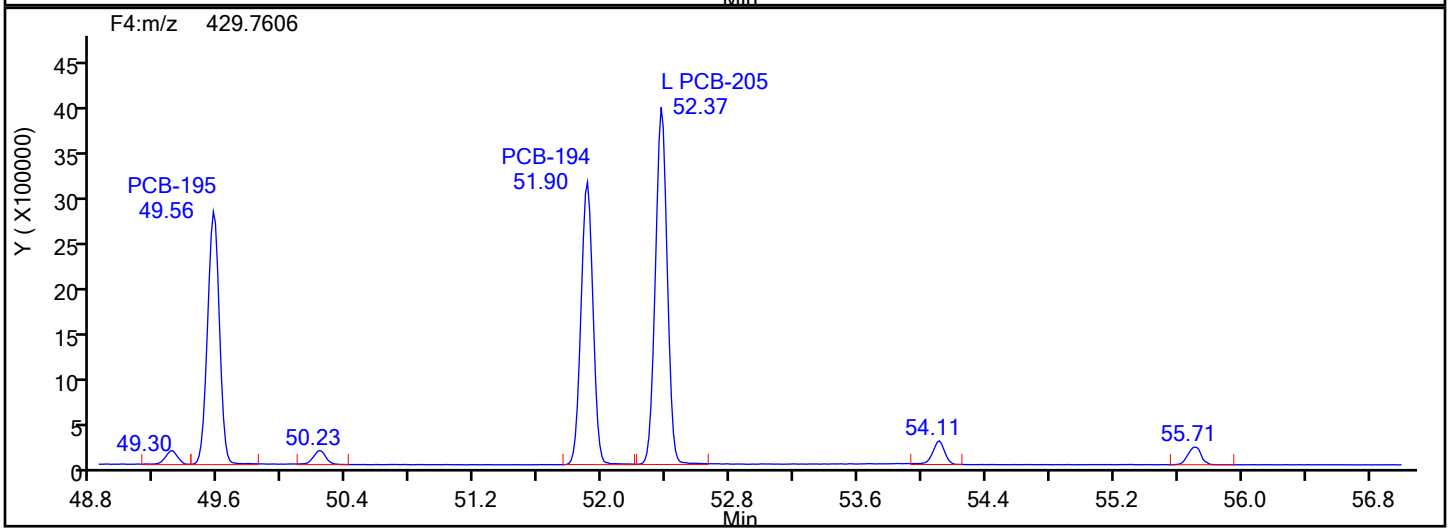
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

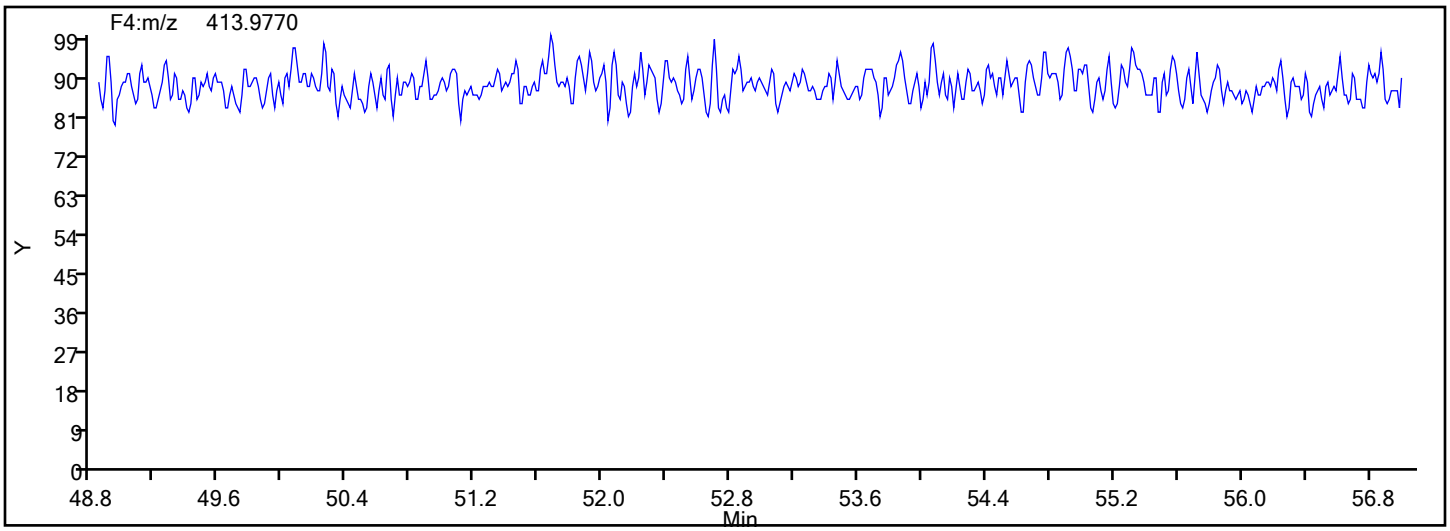
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



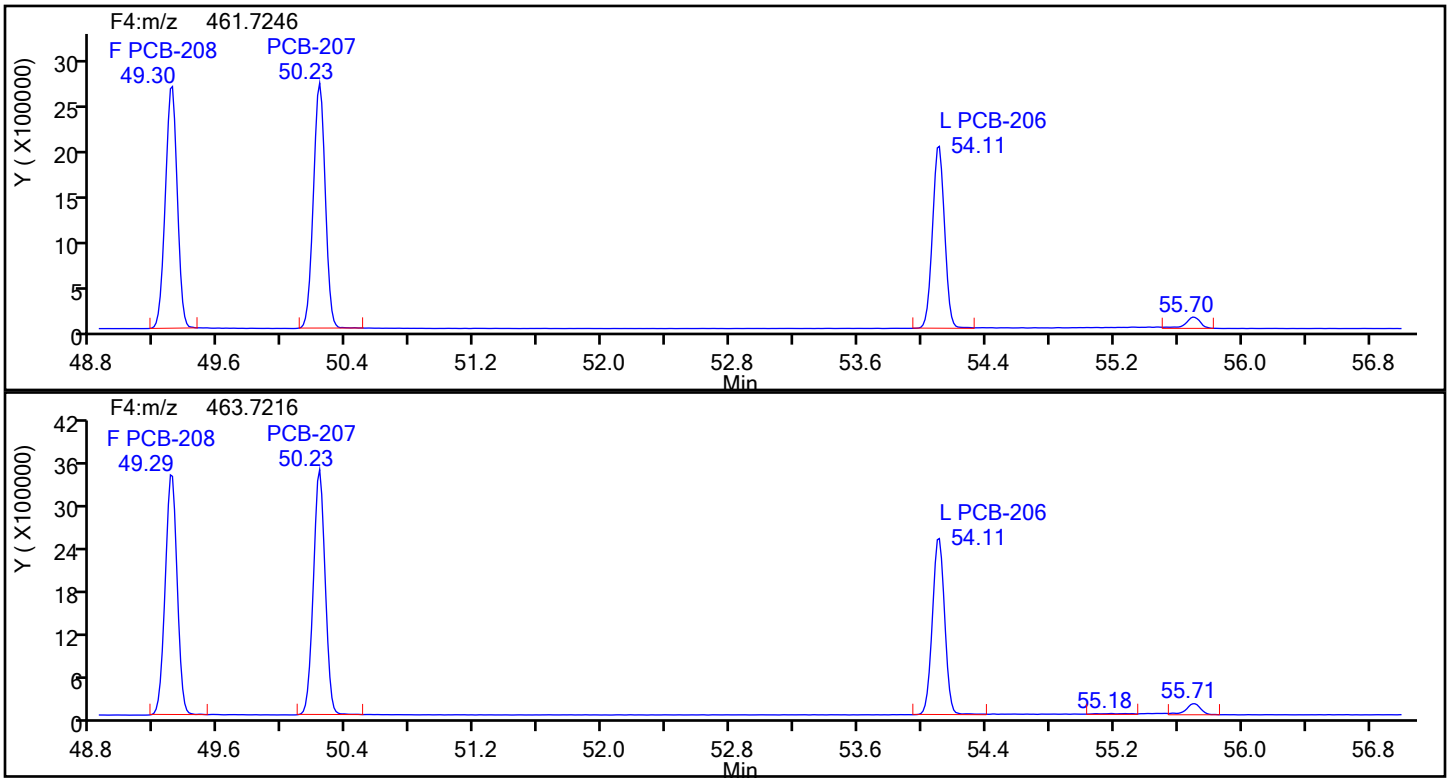
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

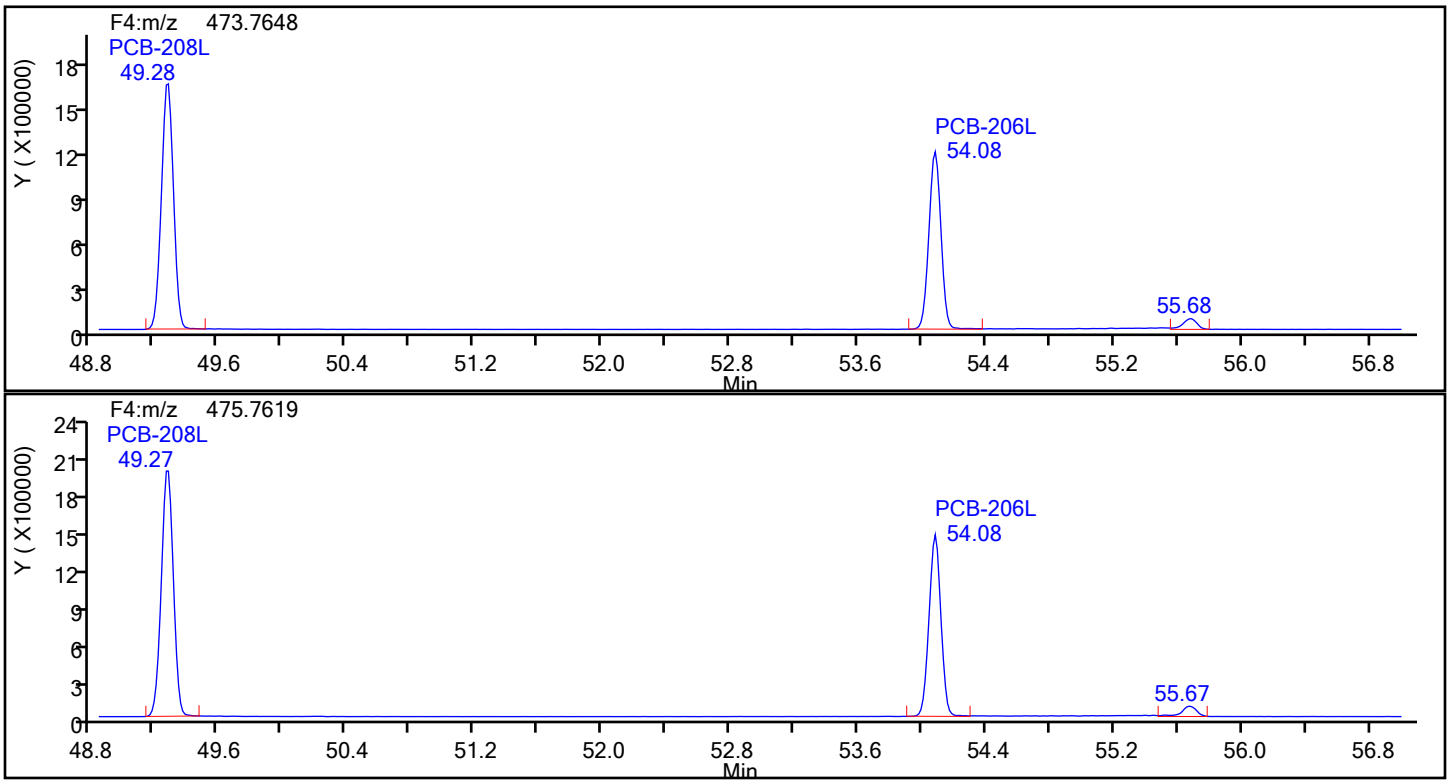
Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

NoPCB F4



NoPCB F4 Standards

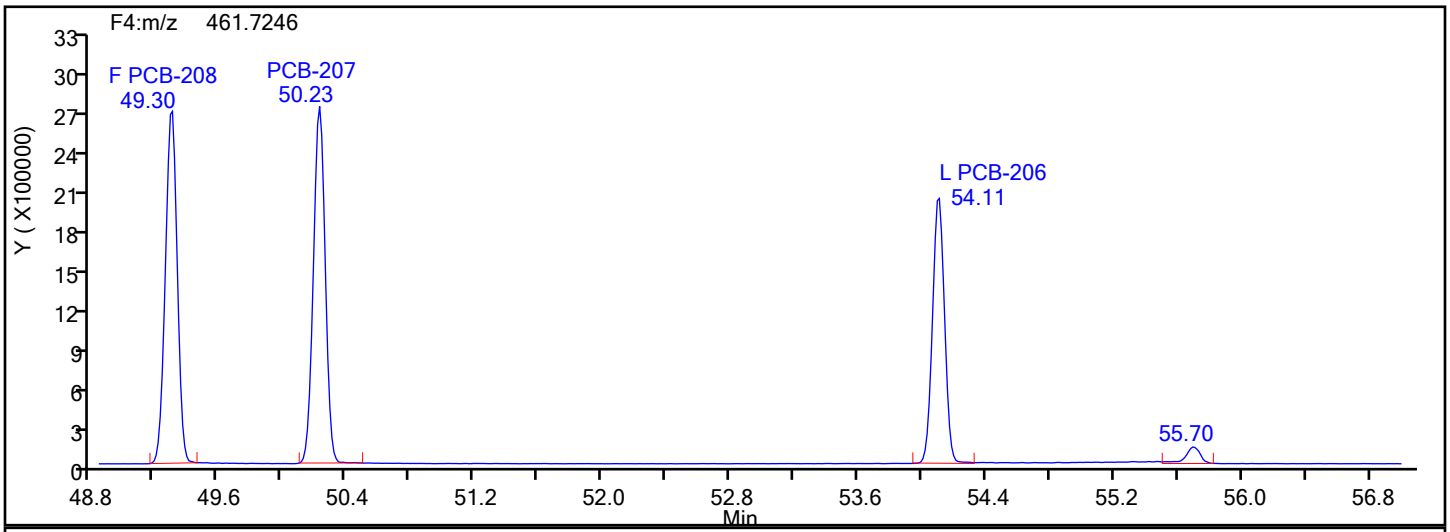


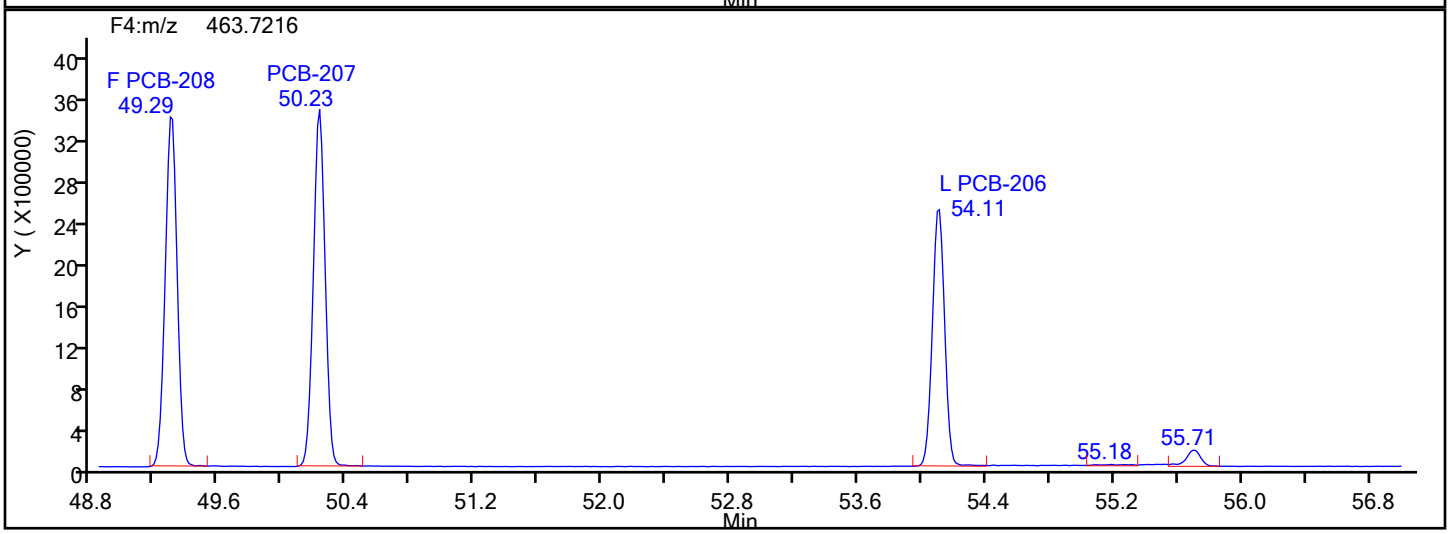
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

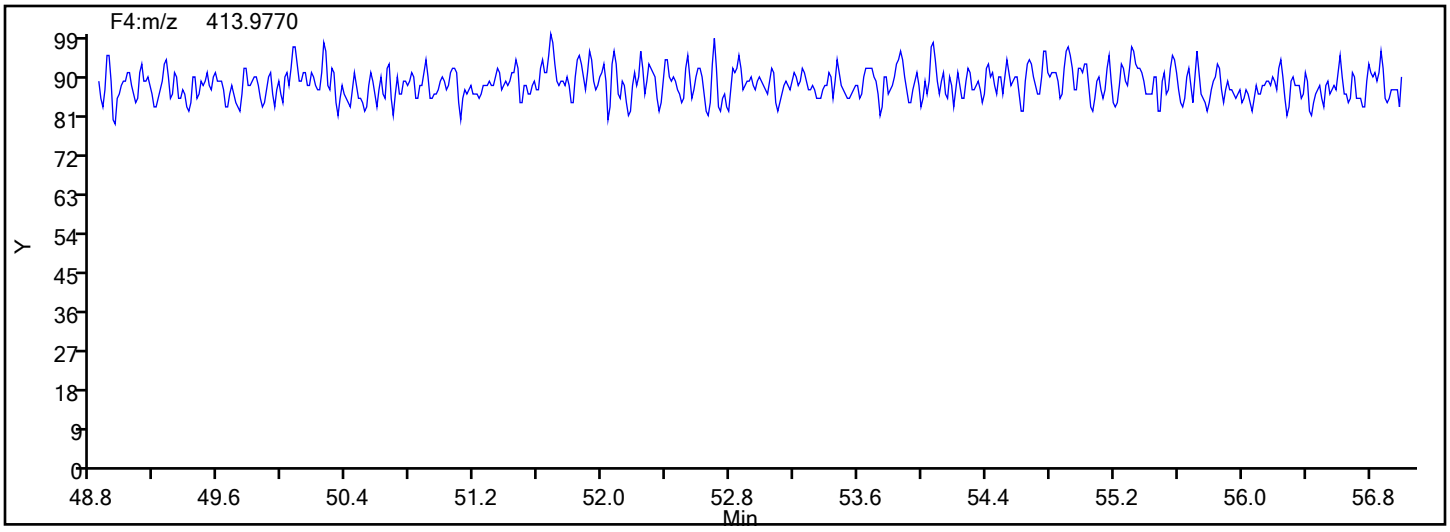
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

NoPCB F4





NoPCB F4 Lock Mass



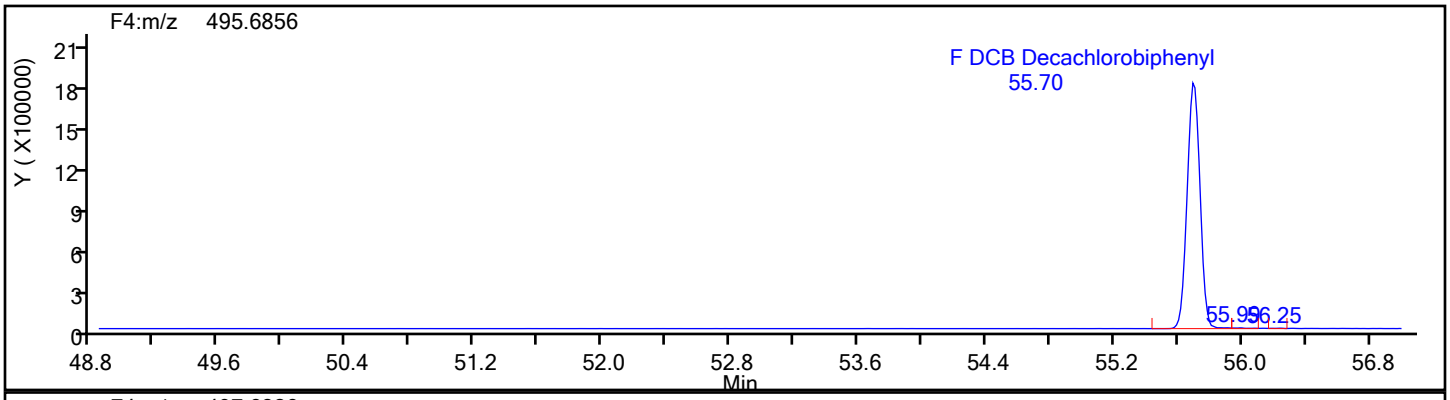
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

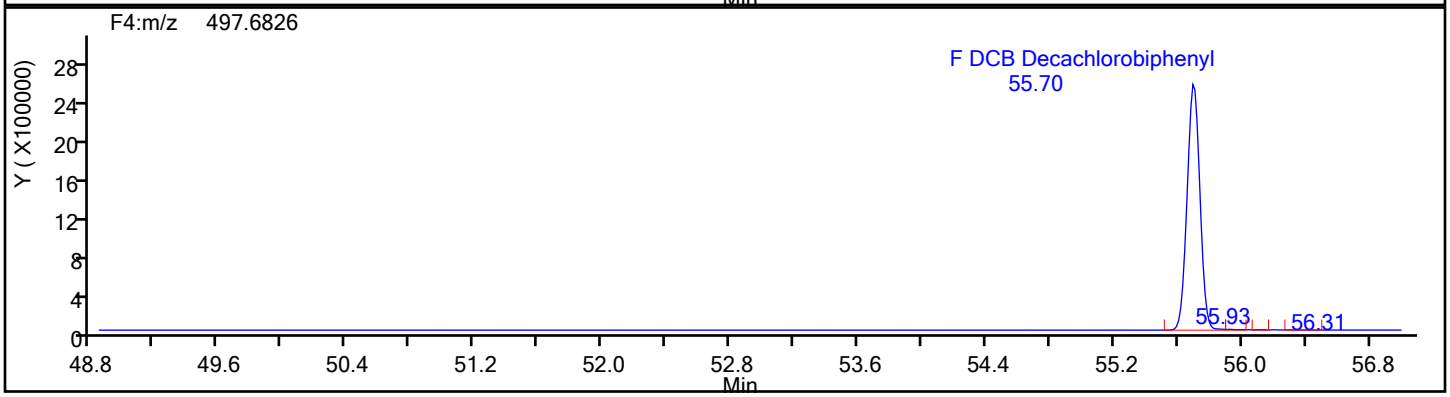
Eurofins TestAmerica, Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d

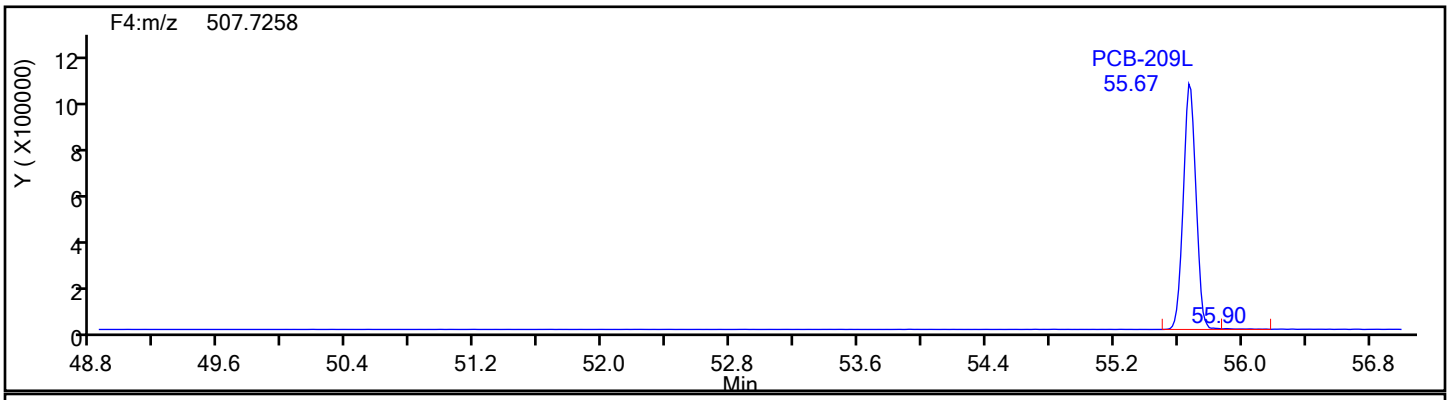
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

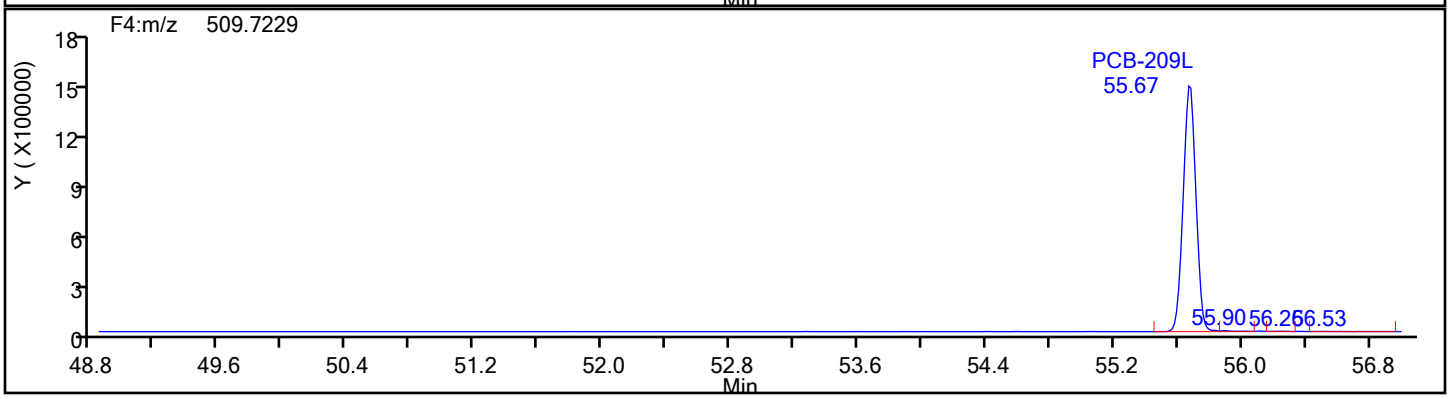
DePCB F4





DePCB F4 Standards



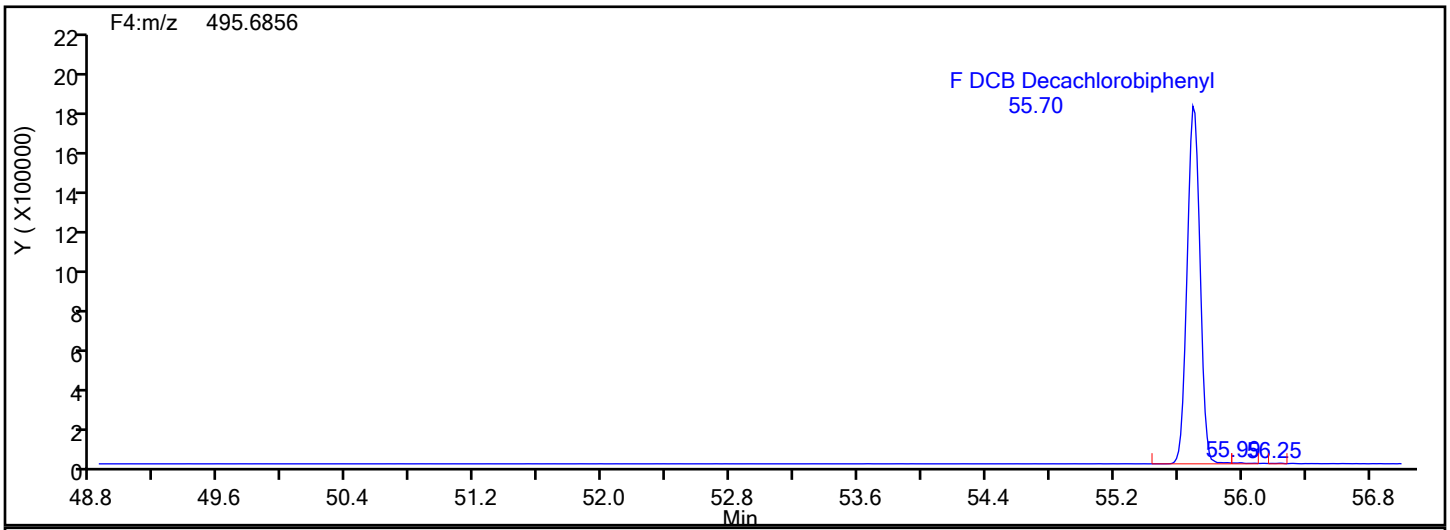


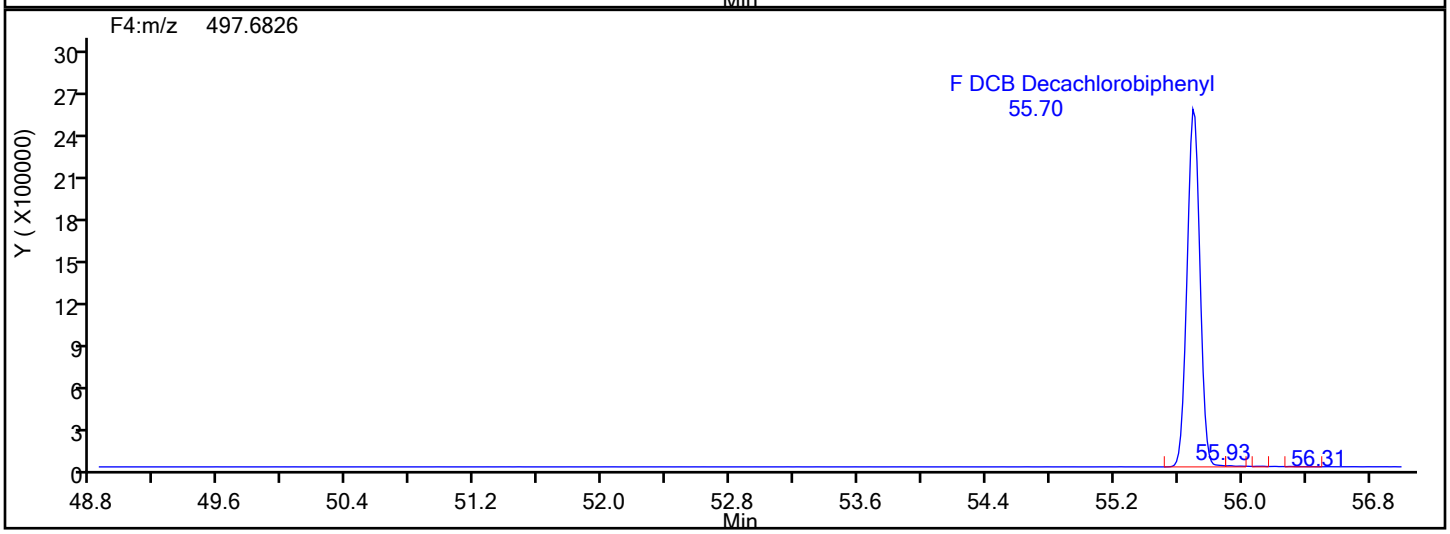
Report Date: 09-Oct-2021 20:35:05 Chrom Revision: 2.3 22-Sep-2021 15:38:46

Eurofins TestAmerica, Knoxville

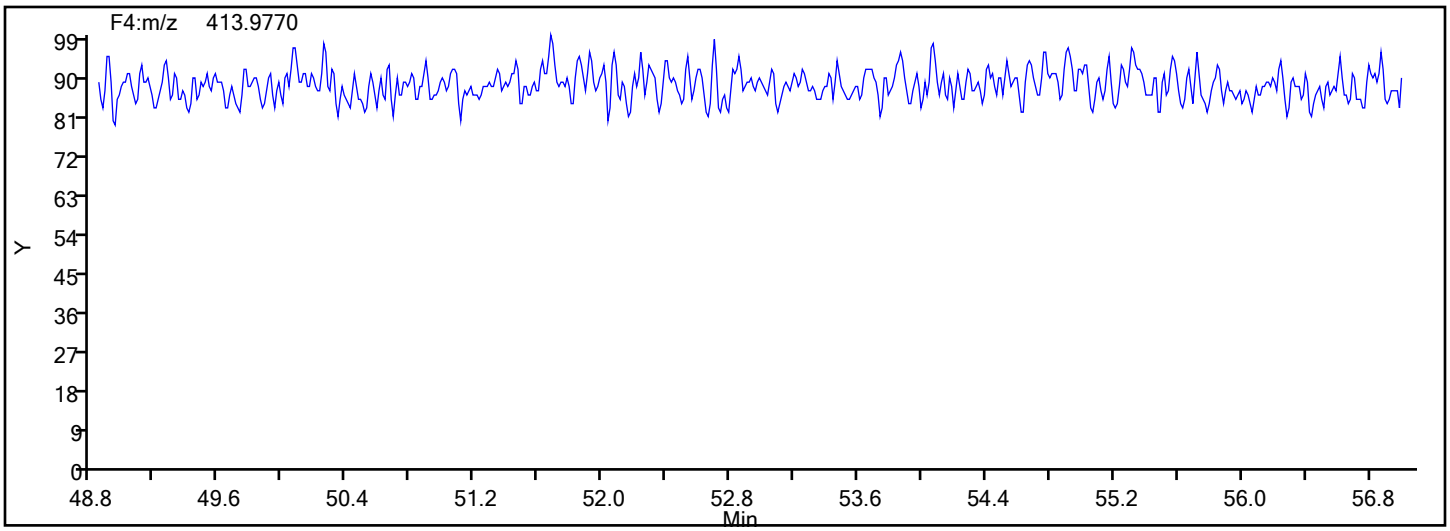
Data File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007icv.d		
Injection Date:	08-Oct-2021 19:20:00	Injection Vol:	1.0 ul
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	54640	Sample Line#:	7
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-81990/1 | Calibration Date: 01/03/2024 14:42

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240103c3a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-1	AveID	1.225	1.171		47.8	50.0	96	70-130
PCB-2	AveID	1.264	1.107		43.8	50.0	88	70-130
PCB-3	AveID	1.234	1.207		48.9	50.0	98	70-130
PCB-4	AveID	1.280	1.204		47.0	50.0	94	70-130
PCB-10	AveID	1.154	1.283		55.6	50.0	111	70-130
PCB-9	AveID	1.364	1.348		49.4	50.0	99	70-130
PCB-7	AveID	1.249	1.258		50.4	50.0	101	70-130
PCB-6	AveID	1.496	1.531		51.2	50.0	102	70-130
PCB-5	AveID	1.221	1.225		50.2	50.0	100	70-130
PCB-8	AveID	1.521	1.654		54.4	50.0	109	70-130
PCB-19	AveID	1.290	1.350		52.3	50.0	105	70-130
PCB-14	AveID	1.286	1.230		47.8	50.0	96	70-130
PCB-18	AveID	1.808	1.746		96.6	100	97	70-130
PCB-18/30	AveID	1.808	1.746		96.6	100	97	70-130
PCB-30	AveID	1.808	1.746		96.6	100	97	70-130
PCB-11	AveID	1.442	1.381		47.9	50.0	96	70-130
PCB-17	AveID	1.215	1.199		49.4	50.0	99	70-130
PCB-12	AveID	1.296	1.239		95.6	100	96	70-130
PCB-12/13	AveID	1.296	1.239		95.6	100	96	70-130
PCB-13	AveID	1.296	1.239		95.6	100	96	70-130
PCB-27	AveID	1.715	1.691		49.3	50.0	99	70-130
PCB-24	AveID	1.774	1.710		48.2	50.0	96	70-130
PCB-16	AveID	1.200	1.296		54.0	50.0	108	70-130
PCB-15	AveID	1.138	1.180		51.9	50.0	104	70-130
PCB-54	AveID	1.206	1.144		47.4	50.0	95	70-130
PCB-32	AveID	1.970	1.930		49.0	50.0	98	70-130
PCB-34	AveID	1.009	0.8780		43.5	50.0	87	70-130
PCB-23	AveID	1.033	0.9622		46.6	50.0	93	70-130
PCB-26	AveID	1.004	0.9444		94.1	100	94	70-130
PCB-26/29	AveID	1.004	0.9444		94.1	100	94	70-130
PCB-29	AveID	1.004	0.9444		94.1	100	94	70-130
PCB-25	AveID	1.299	1.181		45.4	50.0	91	70-130
PCB-50	AveID	0.7674	0.7982		104	100	104	70-130
PCB-50/53	AveID	0.7674	0.7982		104	100	104	70-130
PCB-53	AveID	0.7674	0.7982		104	100	104	70-130
PCB-31	AveID	1.237	1.121		45.3	50.0	91	70-130
PCB-20	AveID	1.110	1.015		91.5	100	91	70-130
PCB-20/28	AveID	1.110	1.015		91.5	100	91	70-130
PCB-28	AveID	1.110	1.015		91.5	100	91	70-130
PCB-45	AveID	0.7052	0.7389		105	100	105	70-130
PCB-45/51	AveID	0.7052	0.7389		105	100	105	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-81990/1 | Calibration Date: 01/03/2024 14:42

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240103c3a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-51	AveID	0.7052	0.7389		105	100	105	70-130
PCB-21	AveID	1.124	1.094		97.3	100	97	70-130
PCB-21/33	AveID	1.124	1.094		97.3	100	97	70-130
PCB-33	AveID	1.124	1.094		97.3	100	97	70-130
PCB-46	AveID	0.5909	0.6650		56.3	50.0	113	70-130
PCB-22	AveID	1.203	1.143		47.5	50.0	95	70-130
PCB-52	AveID	0.8488	0.8968		52.8	50.0	106	70-130
PCB-43	AveID	0.8936	0.9723		109	100	109	70-130
PCB-43/73	AveID	0.8936	0.9723		109	100	109	70-130
PCB-73	AveID	0.8936	0.9723		109	100	109	70-130
PCB-36	AveID	1.295	1.232		47.5	50.0	95	70-130
PCB-49	AveID	0.8934	0.9218		103	100	103	70-130
PCB-49/69	AveID	0.8934	0.9218		103	100	103	70-130
PCB-69	AveID	0.8934	0.9218		103	100	103	70-130
PCB-39	AveID	1.162	1.068		45.9	50.0	92	70-130
PCB-48	AveID	0.7506	0.7913		52.7	50.0	105	70-130
PCB-104	AveID	1.005	1.018		50.6	50.0	101	70-130
PCB-44	AveID	0.8388	0.9139		163	150	109	70-130
PCB-44/47/65	AveID	0.8388	0.9139		163	150	109	70-130
PCB-47	AveID	0.8388	0.9139		163	150	109	70-130
PCB-65	AveID	0.8388	0.9139		163	150	109	70-130
PCB-38	AveID	1.176	1.093		46.5	50.0	93	70-130
PCB-96	AveID	1.151	1.166		50.7	50.0	101	70-130
PCB-59	AveID	1.004	1.056		158	150	105	70-130
PCB-59/62/75	AveID	1.004	1.056		158	150	105	70-130
PCB-62	AveID	1.004	1.056		158	150	105	70-130
PCB-75	AveID	1.004	1.056		158	150	105	70-130
PCB-42	AveID	0.6874	0.7911		57.5	50.0	115	70-130
PCB-35	AveID	1.131	1.030		45.5	50.0	91	70-130
PCB-40	AveID	0.7618	0.8063		159	150	106	70-130
PCB-40/41/71	AveID	0.7618	0.8063		159	150	106	70-130
PCB-41	AveID	0.7618	0.8063		159	150	106	70-130
PCB-71	AveID	0.7618	0.8063		159	150	106	70-130
PCB-37	AveID	1.145	1.045		45.6	50.0	91	70-130
PCB-64	AveID	1.032	1.147		55.6	50.0	111	70-130
PCB-72	AveID	1.162	1.239		53.3	50.0	107	70-130
PCB-103	AveID	0.8327	0.8513		51.1	50.0	102	70-130
PCB-68	AveID	1.125	1.214		53.9	50.0	108	70-130
PCB-94	AveID	0.6950	0.7264		52.3	50.0	105	70-130
PCB-57	AveID	1.111	1.175		52.9	50.0	106	70-130
PCB-95	AveID	0.7922	0.7908		49.9	50.0	100	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-81990/1 | Calibration Date: 01/03/2024 14:42

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240103c3a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-58	AveID	1.285	1.294		50.4	50.0	101	70-130
PCB-100	AveID	0.7830	0.7730		98.7	100	99	70-130
PCB-93	AveID	0.7830	0.7730		98.7	100	99	70-130
PCB-93/100	AveID	0.7830	0.7730		98.7	100	99	70-130
PCB-67	AveID	1.327	1.410		53.1	50.0	106	70-130
PCB-102	AveID	0.9182	0.9204		100	100	100	70-130
PCB-98	AveID	0.9182	0.9204		100	100	100	70-130
PCB-98/102	AveID	0.9182	0.9204		100	100	100	70-130
PCB-63	AveID	1.065	1.121		52.6	50.0	105	70-130
PCB-88	AveID	0.8023	0.8059		100	100	100	70-130
PCB-88/91	AveID	0.8023	0.8059		100	100	100	70-130
PCB-91	AveID	0.8023	0.8059		100	100	100	70-130
PCB-61	AveID	1.155	1.234		214	200	107	70-130
PCB-61/70/74/76	AveID	1.155	1.234		214	200	107	70-130
PCB-70	AveID	1.155	1.234		214	200	107	70-130
PCB-74	AveID	1.155	1.234		214	200	107	70-130
PCB-76	AveID	1.155	1.234		214	200	107	70-130
PCB-84	AveID	0.6855	0.7237		52.8	50.0	106	70-130
PCB-66	AveID	1.233	1.255		50.9	50.0	102	70-130
PCB-55	AveID	1.265	1.307		51.6	50.0	103	70-130
PCB-89	AveID	0.8482	0.8252		48.6	50.0	97	70-130
PCB-56	AveID	1.216	1.227		50.5	50.0	101	70-130
PCB-121	AveID	1.284	1.250		48.7	50.0	97	70-130
PCB-60	AveID	1.055	1.075		50.9	50.0	102	70-130
PCB-92	AveID	0.7805	0.7737		49.6	50.0	99	70-130
PCB-80	AveID	1.277	1.249		48.9	50.0	98	70-130
PCB-155	AveID	0.9289	0.9089		48.9	50.0	98	70-130
PCB-152	AveID	1.124	1.118		49.7	50.0	99	70-130
PCB-101	AveID	0.9542	0.9248		145	150	97	70-130
PCB-113	AveID	0.9542	0.9248		145	150	97	70-130
PCB-90	AveID	0.9542	0.9248		145	150	97	70-130
PCB-90/101/113	AveID	0.9542	0.9248		145	150	97	70-130
PCB-150	AveID	0.997	0.995		49.9	50.0	100	70-130
PCB-136	AveID	0.9632	0.9454		49.1	50.0	98	70-130
PCB-83	AveID	0.8851	0.8439		95.3	100	95	70-130
PCB-83/99	AveID	0.8851	0.8439		95.3	100	95	70-130
PCB-99	AveID	0.8851	0.8439		95.3	100	95	70-130
PCB-112	AveID	1.415	1.418		50.1	50.0	100	70-130
PCB-145	AveID	1.078	1.078		50.0	50.0	100	70-130
PCB-109	AveID	1.028	1.011		295	300	98	70-130
PCB-119	AveID	1.028	1.011		295	300	98	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-81990/1 | Calibration Date: 01/03/2024 14:42

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240103c3a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-125	AveID	1.028	1.011		295	300	98	70-130
PCB-86	AveID	1.028	1.011		295	300	98	70-130
PCB-86/87/97/109/119/125	AveID	1.028	1.011		295	300	98	70-130
PCB-87	AveID	1.028	1.011		295	300	98	70-130
PCB-97	AveID	1.028	1.011		295	300	98	70-130
PCB-79	AveID	1.445	1.392		48.1	50.0	96	70-130
PCB-78	AveID	1.212	1.234		50.9	50.0	102	70-130
PCB-116	AveID	1.024	1.006		147	150	98	70-130
PCB-117	AveID	1.024	1.006		147	150	98	70-130
PCB-85	AveID	1.024	1.006		147	150	98	70-130
PCB-85/116/117	AveID	1.024	1.006		147	150	98	70-130
PCB-110	AveID	1.356	1.334		98.4	100	98	70-130
PCB-110/115	AveID	1.356	1.334		98.4	100	98	70-130
PCB-115	AveID	1.356	1.334		98.4	100	98	70-130
PCB-81	AveID	1.015	1.011		49.8	50.0	100	70-130
PCB-82	AveID	0.8520	0.8547		50.2	50.0	100	70-130
PCB-148	AveID	0.7376	0.7394		50.1	50.0	100	70-130
PCB-77	AveID	1.050	1.047		49.9	50.0	100	70-130
PCB-111	AveID	1.222	1.182		48.4	50.0	97	70-130
PCB-135	AveID	0.7414	0.7534		102	100	102	70-130
PCB-135/151	AveID	0.7414	0.7534		102	100	102	70-130
PCB-151	AveID	0.7414	0.7534		102	100	102	70-130
PCB-120	AveID	1.516	1.527		50.4	50.0	101	70-130
PCB-154	AveID	0.8223	0.8532		51.9	50.0	104	70-130
PCB-144	AveID	0.7371	0.7825		53.1	50.0	106	70-130
PCB-147	AveID	0.8634	0.8721		101	100	101	70-130
PCB-147/149	AveID	0.8634	0.8721		101	100	101	70-130
PCB-149	AveID	0.8634	0.8721		101	100	101	70-130
PCB-134	AveID	0.6812	0.7130		105	100	105	70-130
PCB-134/143	AveID	0.6812	0.7130		105	100	105	70-130
PCB-143	AveID	0.6812	0.7130		105	100	105	70-130
PCB-108	AveID	1.091	1.109		102	100	102	70-130
PCB-108/124	AveID	1.091	1.109		102	100	102	70-130
PCB-124	AveID	1.091	1.109		102	100	102	70-130
PCB-139	AveID	0.8381	0.8441		101	100	101	70-130
PCB-139/140	AveID	0.8381	0.8441		101	100	101	70-130
PCB-140	AveID	0.8381	0.8441		101	100	101	70-130
PCB-107	AveID	1.200	1.205		50.2	50.0	100	70-130
PCB-131	AveID	0.6856	0.6942		50.6	50.0	101	70-130
PCB-123	AveID	1.045	0.9752		46.7	50.0	93	70-130
PCB-106	AveID	1.171	1.202		51.3	50.0	103	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-81990/1 Calibration Date: 01/03/2024 14:42

Instrument ID: D2D Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) Calib End Date: 10/08/2021 16:58

Lab File ID: d2240103c3a.d Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-142	AveID	0.6760	0.7150		52.9	50.0	106	70-130
PCB-118	AveID	1.026	1.056		51.5	50.0	103	70-130
PCB-132	AveID	0.7063	0.7244		51.3	50.0	103	70-130
PCB-122	AveID	0.9264	0.8963		48.4	50.0	97	70-130
PCB-114	AveID	1.093	1.064		48.7	50.0	97	70-130
PCB-188	AveID	1.053	1.068		50.7	50.0	101	70-130
PCB-133	AveID	0.7770	0.7796		50.2	50.0	100	70-130
PCB-179	AveID	1.401	1.439		51.4	50.0	103	70-130
PCB-165	AveID	0.9584	0.9346		48.8	50.0	98	70-130
PCB-105	AveID	1.076	1.075		50.0	50.0	100	70-130
PCB-146	AveID	0.9163	0.9197		50.2	50.0	100	70-130
PCB-184	AveID	1.300	1.334		51.3	50.0	103	70-130
PCB-161	AveID	1.141	1.142		50.1	50.0	100	70-130
PCB-176	AveID	1.199	1.253		52.3	50.0	105	70-130
PCB-153	AveID	1.047	1.020		97.4	100	97	70-130
PCB-153/168	AveID	1.047	1.020		97.4	100	97	70-130
PCB-168	AveID	1.047	1.020		97.4	100	97	70-130
PCB-141	AveID	0.7580	0.8107		53.5	50.0	107	70-130
PCB-186	AveID	1.471	1.507		51.2	50.0	102	70-130
PCB-130	AveID	0.6356	0.6438		50.6	50.0	101	70-130
PCB-127	AveID	1.183	1.155		48.8	50.0	98	70-130
PCB-137	AveID	0.7533	0.7753		51.5	50.0	103	70-130
PCB-164	AveID	1.117	1.121		50.1	50.0	100	70-130
PCB-129	AveID	0.8826	0.9022		204	200	102	70-130
PCB-129/138/160/163	AveID	0.8826	0.9022		204	200	102	70-130
PCB-138	AveID	0.8826	0.9022		204	200	102	70-130
PCB-160	AveID	0.8826	0.9022		204	200	102	70-130
PCB-163	AveID	0.8826	0.9022		204	200	102	70-130
PCB-158	AveID	1.133	1.147		50.6	50.0	101	70-130
PCB-178	AveID	0.8813	0.9513		54.0	50.0	108	70-130
PCB-175	AveID	0.9040	0.9573		53.0	50.0	106	70-130
PCB-126	AveID	1.228	1.163		47.3	50.0	95	70-130
PCB-128	AveID	0.9522	0.995		105	100	105	70-130
PCB-128/166	AveID	0.9522	0.995		105	100	105	70-130
PCB-166	AveID	0.9522	0.995		105	100	105	70-130
PCB-187	AveID	1.152	1.190		51.6	50.0	103	70-130
PCB-182	AveID	1.105	1.175		53.1	50.0	106	70-130
PCB-183	AveID	0.9716	1.006		104	100	104	70-130
PCB-183/185	AveID	0.9716	1.006		104	100	104	70-130
PCB-185	AveID	0.9716	1.006		104	100	104	70-130
PCB-174	AveID	0.998	1.052		52.7	50.0	105	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-81990/1 | Calibration Date: 01/03/2024 14:42

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240103c3a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-159	AveID	1.307	1.283		49.1	50.0	98	70-130
PCB-162	AveID	1.093	1.179		53.9	50.0	108	70-130
PCB-177	AveID	0.9612	1.028		53.4	50.0	107	70-130
PCB-202	AveID	1.008	0.9860		48.9	50.0	98	70-130
PCB-167	AveID	1.110	1.082		48.8	50.0	98	70-130
PCB-181	AveID	1.058	1.086		51.3	50.0	103	70-130
PCB-171	AveID	0.8964	0.9452		105	100	105	70-130
PCB-171/173	AveID	0.8964	0.9452		105	100	105	70-130
PCB-173	AveID	0.8964	0.9452		105	100	105	70-130
PCB-201	AveID	0.9580	0.9495		49.6	50.0	99	70-130
PCB-156	AveID	1.071	1.043		97.3	100	97	70-130
PCB-156/157	AveID	1.071	1.043		97.3	100	97	70-130
PCB-157	AveID	1.071	1.043		97.3	100	97	70-130
PCB-204	AveID	1.112	1.078		48.5	50.0	97	70-130
PCB-197	AveID	1.049	1.073		51.2	50.0	102	70-130
PCB-200	AveID	0.9671	0.9713		50.2	50.0	100	70-130
PCB-172	AveID	0.9283	0.9580		51.6	50.0	103	70-130
PCB-192	AveID	1.413	1.465		51.9	50.0	104	70-130
PCB-180	AveID	1.168	1.215		104	100	104	70-130
PCB-180/193	AveID	1.168	1.215		104	100	104	70-130
PCB-193	AveID	1.168	1.215		104	100	104	70-130
PCB-191	AveID	1.270	1.314		51.7	50.0	103	70-130
PCB-170	AveID	1.092	1.144		52.4	50.0	105	70-130
PCB-190	AveID	1.300	1.311		50.4	50.0	101	70-130
PCB-169	AveID	1.225	1.214		49.6	50.0	99	70-130
PCB-198	AveID	0.8830	0.8410		95.2	100	95	70-130
PCB-198/199	AveID	0.8830	0.8410		95.2	100	95	70-130
PCB-199	AveID	0.8830	0.8410		95.2	100	95	70-130
PCB-196	AveID	0.7882	0.7603		48.2	50.0	96	70-130
PCB-203	AveID	0.9704	0.9353		48.2	50.0	96	70-130
PCB-208	AveID	1.046	1.016		48.6	50.0	97	70-130
PCB-195	AveID	0.8289	0.8597		51.9	50.0	104	70-130
PCB-189	AveID	1.015	0.9801		48.3	50.0	97	70-130
PCB-207	AveID	1.233	1.240		50.3	50.0	101	70-130
PCB-194	AveID	0.9255	0.9342		50.5	50.0	101	70-130
PCB-205	AveID	1.127	1.105		49.0	50.0	98	70-130
PCB-206	AveID	1.257	1.251		49.8	50.0	100	70-130
PCB-209	AveID	1.042	1.000		48.0	50.0	96	70-130
PCB-1L	Ave	1.357	1.528		113	100	113	50-150
PCB-3L	Ave	1.414	1.445		102	100	102	50-150
PCB-4L	Ave	0.6168	0.6982		113	100	113	50-150

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-81990/1 Calibration Date: 01/03/2024 14:42

Instrument ID: D2D Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) Calib End Date: 10/08/2021 16:58

Lab File ID: d2240103c3a.d Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-19L	Ave	0.6075	0.6403		105	100	105	50-150
PCB-15L	Ave	1.120	1.065		95.1	100	95	50-150
PCB-54L	Ave	0.6773	0.7257		107	100	107	50-150
PCB-104L	Ave	1.188	1.255		106	100	106	50-150
PCB-37L	Ave	0.8960	0.8972		100	100	100	50-150
PCB-155L	Ave	1.136	1.181		104	100	104	50-150
PCB-81L	Ave	1.350	1.280		94.9	100	95	50-150
PCB-77L	Ave	1.426	1.355		95.0	100	95	50-150
PCB-123L	Ave	0.9399	0.9564		102	100	102	50-150
PCB-118L	Ave	0.9794	1.012		103	100	103	50-150
PCB-114L	Ave	0.9767	0.9746		99.8	100	100	50-150
PCB-188L	Ave	1.260	1.256		99.7	100	100	50-150
PCB-105L	Ave	0.9600	0.9611		100	100	100	50-150
PCB-126L	Ave	0.9554	0.9793		102	100	102	50-150
PCB-202L	Ave	1.039	1.029		99.1	100	99	50-150
PCB-167L	Ave	1.266	1.234		97.5	100	97	50-150
PCB-156L	Ave	1.252	1.230		197	200	98	50-150
PCB-156L/157L	Ave	1.252	1.230		197	200	98	50-150
PCB-157L	Ave	1.252	1.230		197	200	98	50-150
PCB-170L	Ave	0.8524	0.8249		96.8	100	97	50-150
PCB-169L	Ave	1.307	1.238		94.7	100	95	50-150
PCB-208L	Ave	1.023	1.103		108	100	108	50-150
PCB-189L	Ave	1.474	1.430		97.0	100	97	50-150
PCB-205L	Ave	1.217	1.214		99.8	100	100	50-150
PCB-206L	Ave	0.7298	0.7703		106	100	106	50-150
PCB-209L	Ave	0.7565	0.8395		111	100	111	50-150
PCB-28L	Ave	0.9882	0.9899		50.1	50.0	100	60-130
PCB-111L	Ave	1.180	1.311		55.5	50.0	111	60-130
PCB-178L	Ave	0.8365	0.9422		56.3	50.0	113	60-130

Resolution Check Report (DFS SN: 3190)

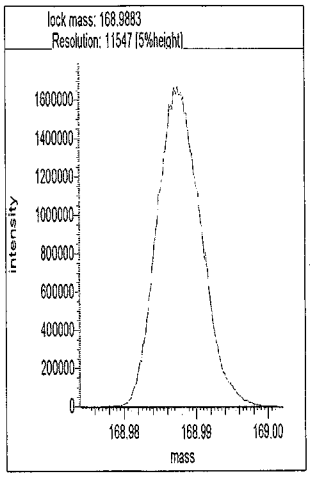
Date:	03 Jan 2024 14:24
MID Experiment:	ResCheck_1668
Target Resolution:	10000
Resolution Warning :	10000
Resolution Error :	10000
Reference:	FC43KnxPCB.lua
Status:	RESOLUTION PASSED

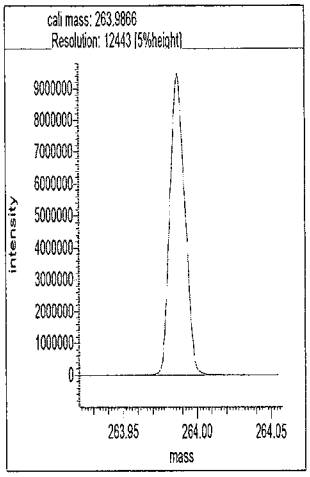
Segment 1

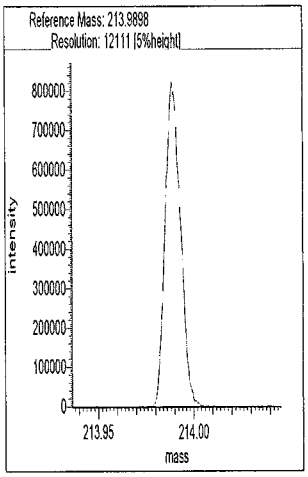
Lock mass 168.9883 [m/z] Resolution: 11547 [5%height]

Cali. mass 263.9866 [m/z] Resolution: 12443 [5%height]

Ref. mass 213.9898 [m/z] Resolution: 12111 [5%height]







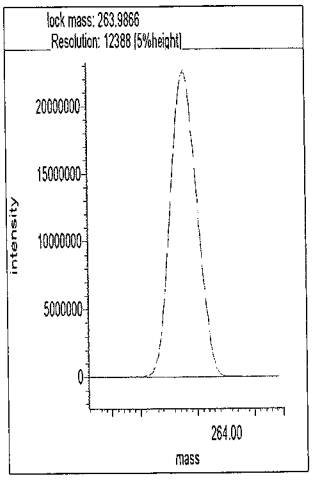
Segment 2

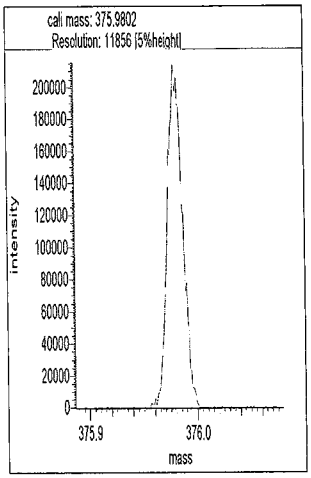
Lock mass 263.9866 [m/z] Resolution: 12388 [5%height]

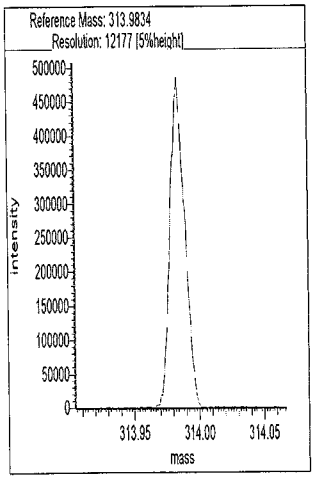
Cali. mass 375.9802 [m/z] Resolution: 11856 [5%height]

Ref. mass 313.9834 [m/z] Resolution: 12177 [5%height]

d2240103 r5





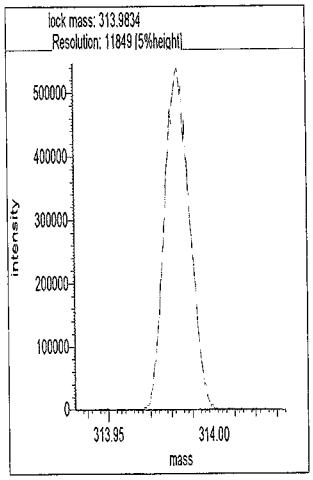


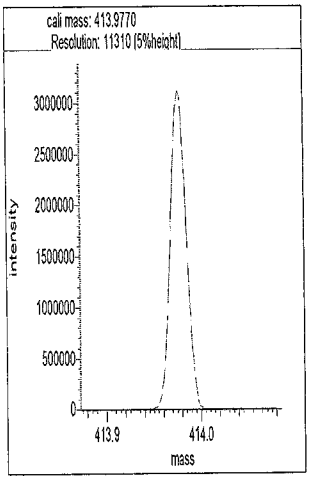
Segment 3

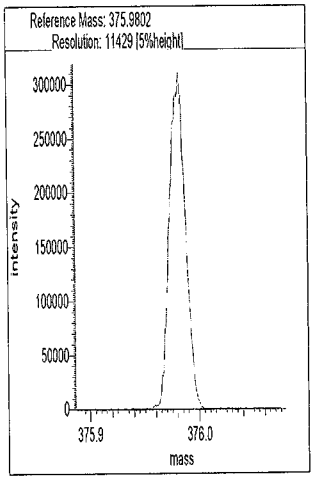
Lock mass 313.9834 [m/z] Resolution: 11849 [5%height]

Cali. mass 413.9770 [m/z] Resolution: 11310 [5%height]

Ref. mass 375.9802 [m/z] Resolution: 11429 [5%height]





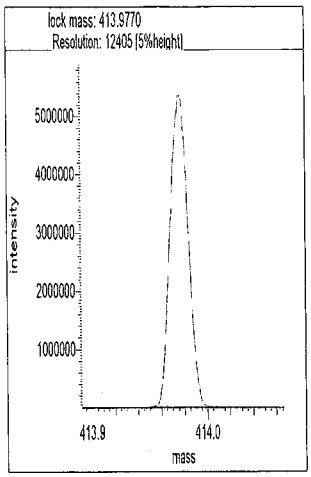


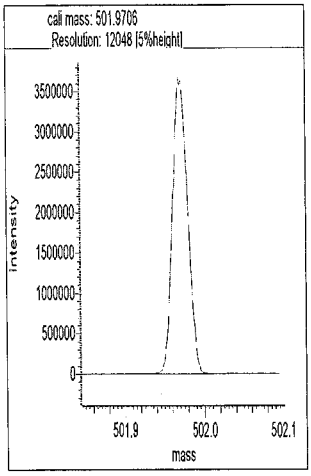
Segment 4

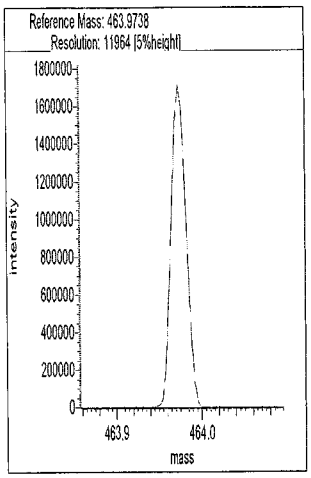
Lock mass 413.9770 [m/z] Resolution: 12405 [5%height]

Cali. mass 501.9706 [m/z] Resolution: 12048 [5%height]

Ref. mass 463.9738 [m/z] Resolution: 11964 [5%height]


lock mass: 413.9770
Resolution: 12405 [5%height]
intensity
5000000
4000000
3000000
2000000
1000000
413.9
414.0
mass


cali mass: 501.9706
Resolution: 12048 [5%height]
intensity
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
501.9
502.0
502.1
mass


Reference Mass: 463.9738
Resolution: 11964 [5%height]
intensity
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
463.9
464.0
mass

```
Reports
14:33:10:  Peak matching procedure started
14:33:11:
14:33:11:  Reference mass: 168.98827
14:33:12:  Sample mass: 214.0
14:33:12:
14:33:13:  Finding reference mass
14:33:14:  Finding sample mass
14:33:14:
14:33:20:  [1]   213.9898 amu, mean: 213.9898
14:33:23:  [2]   213.9900 amu, mean: 213.9899     SD: 0.10 mmu or: 0.45 ppm
14:33:26:  [3]   213.9899 amu, mean: 213.9899     SD: 0.07 mmu or: 0.33 ppm
14:33:30:  [4]   213.9901 amu, mean: 213.9900     SD: 0.09 mmu or: 0.43 ppm
14:33:31:
14:33:31:  Stop requested. Please wait for procedure to finish.
14:33:31:
14:33:33:
14:33:33:  Peakmatching stopped
```

Signature BKK 1/3/24

Reports

```
14:33:45:  Peak matching procedure started
14:33:46:
14:33:46:  Reference mass: 213.98975
14:33:47:  Sample mass: 264.0
14:33:47:
14:33:48:  Finding reference mass
14:33:49:  Finding sample mass
14:33:49:
14:33:55:  [1]   263.9867 amu, mean: 263.9867
14:33:58:  [2]   263.9867 amu, mean: 263.9867     SD: 0.01 mmu or: 0.03 ppm
14:34:02:  [3]   263.9870 amu, mean: 263.9868     SD: 0.16 mmu or: 0.60 ppm
14:34:05:  [4]   263.9866 amu, mean: 263.9867     SD: 0.18 mmu or: 0.68 ppm
14:34:06:
14:34:06:  Stop requested. Please wait for procedure to finish.
14:34:06:
14:34:08:
14:34:08:  Peakmatching stopped
```

Signature BKK 1/3/24

```
Reports
14:34:18:  Peak matching procedure started
14:34:19:
14:34:19:  Reference mass: 263.98656
14:34:20:  Sample mass: 314.0
14:34:20:
14:34:21:  Finding reference mass
14:34:22:  Finding sample mass
14:34:23:
14:34:28:  [1]   313.9836 amu, mean: 313.9836
14:34:31:  [2]   313.9830 amu, mean: 313.9833     SD: 0.38 mmu or: 1.22 ppm
14:34:35:  [3]   313.9835 amu, mean: 313.9834     SD: 0.29 mmu or: 0.94 ppm
14:34:38:  [4]   313.9834 amu, mean: 313.9834     SD: 0.24 mmu or: 0.77 ppm
14:34:38:
14:34:38:  Stop requested. Please wait for procedure to finish.
14:34:38:
14:34:41:
14:34:41:  Peakmatching stopped
```

Signature BKK 1/3/24

Reports

```
14:34:54:  Peak matching procedure started
14:34:54:
14:34:55:  Reference mass: 313.98336
14:34:55:  Sample mass: 376.0
14:34:56:
14:34:56:  Finding reference mass
14:34:57:  Finding sample mass
14:34:58:
14:35:03:  [1]   375.9803 amu, mean: 375.9803
14:35:06:  [2]   375.9804 amu, mean: 375.9803     SD: 0.05 mmu or: 0.13 ppm
14:35:10:  [3]   375.9804 amu, mean: 375.9804     SD: 0.04 mmu or: 0.12 ppm
14:35:13:  [4]   375.9799 amu, mean: 375.9802     SD: 0.24 mmu or: 0.65 ppm
14:35:13:
14:35:13:  Stop requested. Please wait for procedure to finish.
14:35:13:
14:35:16:
14:35:16:  Peakmatching stopped
```

Signature BKK 1/3/24

Reports

```
14:34:54:  Peak matching procedure started
14:34:54:
14:34:55:  Reference mass: 313.98336
14:34:55:  Sample mass: 376.0
14:34:56:
14:34:56:  Finding reference mass
14:34:57:  Finding sample mass
14:34:58:
14:35:03:  [1]   375.9803 amu, mean: 375.9803
14:35:06:  [2]   375.9804 amu, mean: 375.9803     SD: 0.05 mmu or: 0.13 ppm
14:35:10:  [3]   375.9804 amu, mean: 375.9804     SD: 0.04 mmu or: 0.12 ppm
14:35:13:  [4]   375.9799 amu, mean: 375.9802     SD: 0.24 mmu or: 0.65 ppm
14:35:13:
14:35:13:  Stop requested. Please wait for procedure to finish.
14:35:13:
14:35:16:
14:35:16:  Peakmatching stopped
```

Signature BKK 1/3/24

Reports

```
14:35:28:  Peak matching procedure started
14:35:28:
14:35:29:  Reference mass: 375.98017
14:35:29:  Sample mass: 414.0
14:35:30:
14:35:30:  Finding reference mass
14:35:31:  Finding sample mass
14:35:32:
14:35:37:  [1]   413.9767 amu, mean: 413.9767
14:35:41:  [2]   413.9774 amu, mean: 413.9771     SD: 0.48 mmu or: 1.15 ppm
14:35:44:  [3]   413.9771 amu, mean: 413.9771     SD: 0.34 mmu or: 0.81 ppm
14:35:47:  [4]   413.9771 amu, mean: 413.9771     SD: 0.28 mmu or: 0.66 ppm
14:35:48:
14:35:48:  Stop requested. Please wait for procedure to finish.
14:35:48:
14:35:50:
14:35:51:  Peakmatching stopped
```

Signature BKK 1/3/24

Reports

```
14:37:59:  Peak matching procedure started
14:38:00:
14:38:00:  Reference mass: 413.97698
14:38:01:  Sample mass: 464.0
14:38:01:
14:38:02:  Finding reference mass
14:38:03:  Finding sample mass
14:38:03:
14:38:09:  [1]   463.9738 amu, mean: 463.9738
14:38:12:  [2]   463.9738 amu, mean: 463.9738     SD: 0.05 mmu or: 0.11 ppm
14:38:16:  [3]   463.9733 amu, mean: 463.9736     SD: 0.32 mmu or: 0.68 ppm
14:38:19:  [4]   463.9730 amu, mean: 463.9735     SD: 0.40 mmu or: 0.87 ppm
14:38:19:
14:38:19:  Stop requested. Please wait for procedure to finish.
14:38:19:
14:38:22:
14:38:22:  Peakmatching stopped
```

Signature BKK 1/3/24

Reports

```
14:38:31:  Peak matching procedure started
14:38:32:
14:38:32:  Reference mass: 463.97378
14:38:33:  Sample mass: 502.0
14:38:33:
14:38:34:  Finding reference mass
14:38:35:  Finding sample mass
14:38:35:
14:38:41:  [1]   501.9703 amu, mean: 501.9703
14:38:44:  [2]   501.9702 amu, mean: 501.9703     SD: 0.08 mmu or: 0.16 ppm
14:38:47:  [3]   501.9707 amu, mean: 501.9704     SD: 0.23 mmu or: 0.46 ppm
14:38:50:  [4]   501.9704 amu, mean: 501.9704     SD: 0.19 mmu or: 0.38 ppm
14:38:51:
14:38:51:  Stop requested. Please wait for procedure to finish.
14:38:51:
14:38:53:
14:38:54:  Peakmatching stopped
```

Signature BKK 1/3/24

Resolution Check Report (DFS SN: 3190)

eurofins

Date:	03 Jan 2024 23:13
MID Experiment:	ResCheck_1668
Target Resolution:	10000
Resolution Warning :	10000
Resolution Error :	10000
Reference:	FC43KnxPCB.lua
Status:	RESOLUTION PASSED

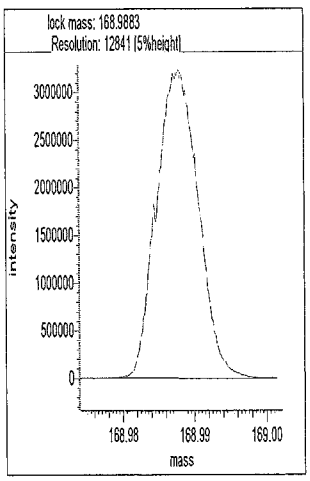
d2240103r7

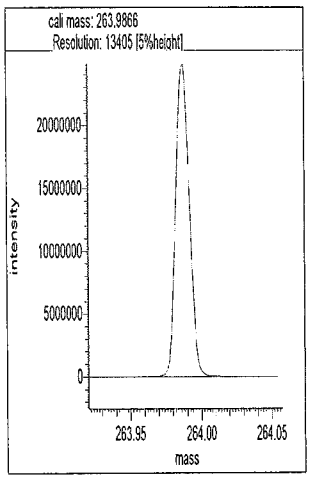
Segment 1

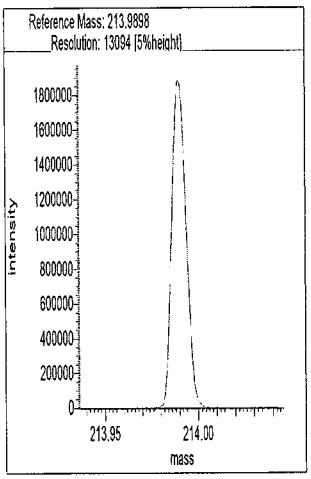
Lock mass 168.9883 [m/z] Resolution: 12841 [5%height]

Cali. mass 263.9866 [m/z] Resolution: 13405 [5%height]

Ref. mass 213.9898 [m/z] Resolution: 13094 [5%height]





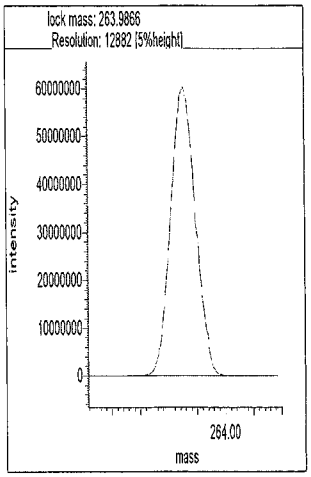


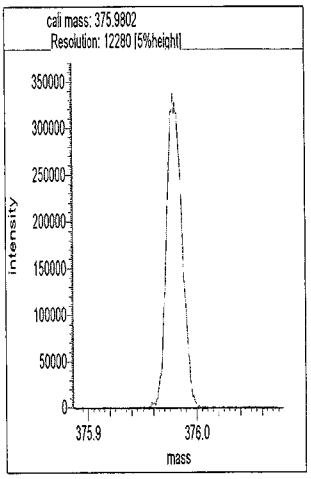
Segment 2

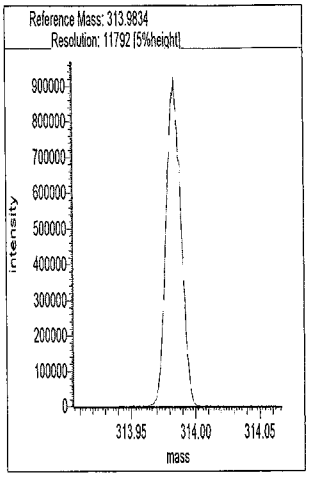
Lock mass 263.9866 [m/z] Resolution: 12882 [5%height]

Cali. mass 375.9802 [m/z] Resolution: 12280 [5%height]

Ref. mass 313.9834 [m/z] Resolution: 11792 [5%height]





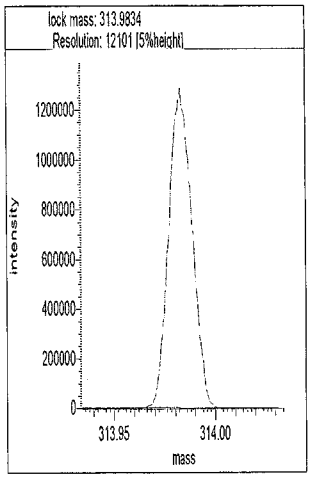


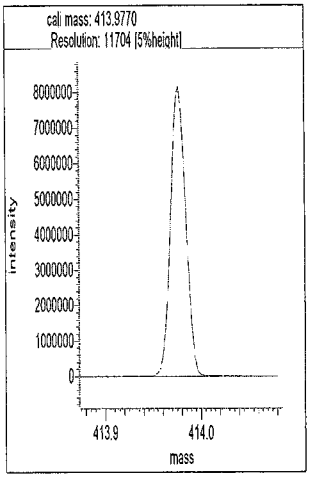
Segment 3

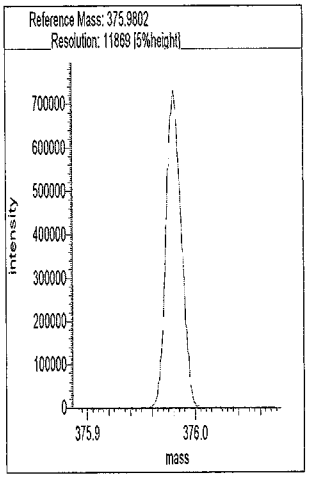
Lock mass 313.9834 [m/z] Resolution: 12101 [5%height]

Cali. mass 413.9770 [m/z] Resolution: 11704 [5%height]

Ref. mass 375.9802 [m/z] Resolution: 11869 [5%height]





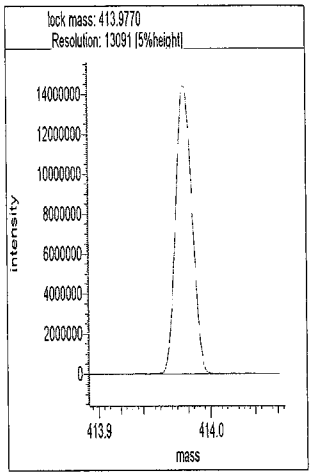


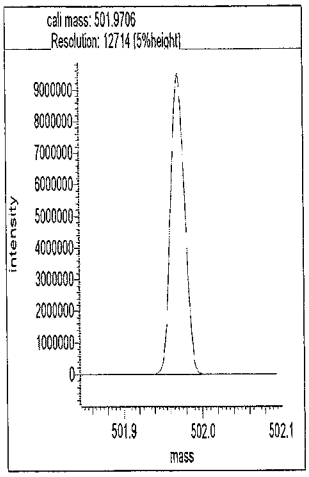
Segment 4

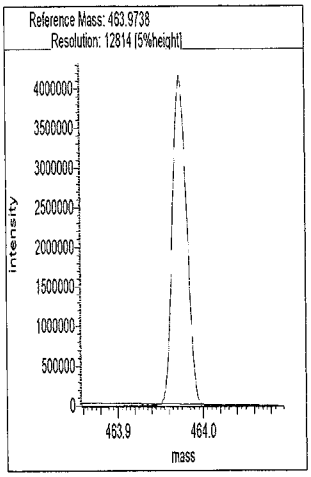
Lock mass 413.9770 [m/z] Resolution: 13091 [5%height]

Cali. mass 501.9706 [m/z] Resolution: 12714 [5%height]

Ref. mass 463.9738 [m/z] Resolution: 12814 [5%height]


lock mass: 413.9770
Resolution: 13091 [5%height]
intensity
14000000
12000000
10000000
8000000
6000000
4000000
2000000
0
413.9
414.0
mass


cali mass: 501.9706
Resolution: 12714 [5%height]
intensity
9000000
8000000
7000000
6000000
5000000
4000000
3000000
2000000
1000000
0
501.9
502.0
502.1
mass


Reference Mass: 463.9738
Resolution: 12814 [5%height]
intensity
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
463.9
464.0
mass

```
Reports
23:22:25:  Peak matching procedure started
23:22:26:
23:22:26:  Reference mass: 168.98827
23:22:27:  Sample mass: 214.0
23:22:27:
23:22:28:  Finding reference mass
23:22:29:  Finding sample mass
23:22:29:
23:22:35:  [1]   213.9897 amu, mean: 213.9897
23:22:38:  [2]   213.9900 amu, mean: 213.9898     SD: 0.24 mmu or: 1.12 ppm
23:22:41:  [3]   213.9900 amu, mean: 213.9899     SD: 0.19 mmu or: 0.88 ppm
23:22:45:  [4]   213.9896 amu, mean: 213.9898     SD: 0.21 mmu or: 0.99 ppm
23:22:45:
23:22:45:  Stop requested. Please wait for procedure to finish.
23:22:45:
23:22:48:
23:22:48:  Peakmatching stopped
```

Signature LK 1-3-24

```
Reports
23:23:39:  Peak matching procedure started
23:23:40:
23:23:40:  Reference mass: 213.98975
23:23:41:  Sample mass: 264.0
23:23:41:
23:23:42:  Finding reference mass
23:23:43:  Finding sample mass
23:23:43:
23:23:49:  [1]   263.9870 amu, mean: 263.9870
23:23:52:  [2]   263.9871 amu, mean: 263.9870     SD: 0.12 mmu or: 0.45 ppm
23:23:55:  [3]   263.9873 amu, mean: 263.9871     SD: 0.16 mmu or: 0.59 ppm
23:23:59:  [4]   263.9869 amu, mean: 263.9871     SD: 0.17 mmu or: 0.63 ppm
23:23:59:
23:23:59:  Stop requested. Please wait for procedure to finish.
23:23:59:
23:24:02:
23:24:02:  Peakmatching stopped
```

Signature LK 1-3-24

Reports
23:24:22: Peak matching procedure started
23:24:22:
23:24:23: Reference mass: 263.98656
23:24:23: Sample mass: 314.0
23:24:24:
23:24:24: Finding reference mass
23:24:25: Finding sample mass
23:24:26:
23:24:31: [1] 313.9837 amu, mean: 313.9837
23:24:35: [2] 313.9840 amu, mean: 313.9839 SD: 0.18 mmu or: 0.57 ppm
23:24:38: [3] 313.9837 amu, mean: 313.9838 SD: 0.16 mmu or: 0.51 ppm
23:24:41: [4] 313.9836 amu, mean: 313.9838 SD: 0.16 mmu or: 0.52 ppm
23:24:42:
23:24:42: Stop requested. Please wait for procedure to finish.
23:24:42:
23:24:44:
23:24:45: Peakmatching stopped

Signature LK 1-3-24

```
Reports
23:25:02:  Peak matching procedure started
23:25:03:
23:25:03:  Reference mass: 313.98336
23:25:04:  Sample mass: 376.0
23:25:04:
23:25:05:  Finding reference mass
23:25:06:  Finding sample mass
23:25:07:
23:25:12:  [1]   375.9802 amu, mean: 375.9802
23:25:15:  [2]   375.9806 amu, mean: 375.9804     SD: 0.31 mmu or: 0.82 ppm
23:25:19:  [3]   375.9797 amu, mean: 375.9802     SD: 0.48 mmu or: 1.28 ppm
23:25:22:  [4]   375.9799 amu, mean: 375.9801     SD: 0.41 mmu or: 1.09 ppm
23:25:22:
23:25:22:  Stop requested. Please wait for procedure to finish.
23:25:22:
23:25:25:
23:25:25:  Peakmatching stopped
```

Signature LK 1-3-24

Reports

```
23:25:02:  Peak matching procedure started
23:25:03:
23:25:03:  Reference mass: 313.98336
23:25:04:  Sample mass: 376.0
23:25:04:
23:25:05:  Finding reference mass
23:25:06:  Finding sample mass
23:25:07:
23:25:12:  [1]   375.9802 amu, mean: 375.9802
23:25:15:  [2]   375.9806 amu, mean: 375.9804     SD: 0.31 mmu or: 0.82 ppm
23:25:19:  [3]   375.9797 amu, mean: 375.9802     SD: 0.48 mmu or: 1.28 ppm
23:25:22:  [4]   375.9799 amu, mean: 375.9801     SD: 0.41 mmu or: 1.09 ppm
23:25:22:
23:25:22:  Stop requested. Please wait for procedure to finish.
23:25:22:
23:25:25:
23:25:25:  Peakmatching stopped
```

Signature 1-3-24

Reports

```
23:25:47:  Peak matching procedure started
23:25:47:
23:25:48:  Reference mass: 375.98017
23:25:48:  Sample mass: 414.0
23:25:49:
23:25:49:  Finding reference mass
23:25:50:  Finding sample mass
23:25:51:
23:25:57:  [1]   413.9775 amu, mean: 413.9775
23:26:00:  [2]   413.9771 amu, mean: 413.9773     SD: 0.27 mmu or: 0.65 ppm
23:26:03:  [3]   413.9771 amu, mean: 413.9772     SD: 0.22 mmu or: 0.53 ppm
23:26:06:  [4]   413.9772 amu, mean: 413.9772     SD: 0.18 mmu or: 0.44 ppm
23:26:07:
23:26:07:  Stop requested. Please wait for procedure to finish.
23:26:07:
23:26:10:
23:26:10:  Peakmatching stopped
```

Signature LK 1-3-24

Reports

```
23:26:30:  Peak matching procedure started
23:26:31:
23:26:31:  Reference mass: 413.97698
23:26:32:  Sample mass: 464.0
23:26:32:
23:26:33:  Finding reference mass
23:26:34:  Finding sample mass
23:26:34:
23:26:40:  [1]   463.9735 amu, mean: 463.9735
23:26:43:  [2]   463.9735 amu, mean: 463.9735     SD: 0.02 mmu or: 0.03 ppm
23:26:47:  [3]   463.9731 amu, mean: 463.9734     SD: 0.20 mmu or: 0.44 ppm
23:26:50:  [4]   463.9734 amu, mean: 463.9734     SD: 0.17 mmu or: 0.36 ppm
23:26:51:
23:26:51:  Stop requested. Please wait for procedure to finish.
23:26:51:
23:26:53:
23:26:53:  Peakmatching stopped
```

Signature LK 1-3-24

```
Reports
23:27:11:  Peak matching procedure started
23:27:12:
23:27:12:  Reference mass: 463.97378
23:27:13:  Sample mass: 502.0
23:27:13:
23:27:14:  Finding reference mass
23:27:15:  Finding sample mass
23:27:15:
23:27:21:  [1]   501.9711 amu, mean: 501.9711
23:27:24:  [2]   501.9709 amu, mean: 501.9710     SD: 0.11 mmu or: 0.22 ppm
23:27:27:  [3]   501.9704 amu, mean: 501.9708     SD: 0.35 mmu or: 0.69 ppm
23:27:30:  [4]   501.9704 amu, mean: 501.9707     SD: 0.37 mmu or: 0.73 ppm
23:27:31:
23:27:31:  Stop requested. Please wait for procedure to finish.
23:27:31:
23:27:34:
23:27:34:  Peakmatching stopped
```

Signature LVa 1-3-24

Report Date: 03-Jan-2024 19:05:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Lims ID: WDMCCV
Client ID:
Sample Type: WDMCCV
Inject. Date: 03-Jan-2024 14:42:00 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 03-Jan-2024 19:05:17 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 03-Jan-2024 19:05:17

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					140.5	140.5	0.1255	0.1255		
D PCB-1L	11:44	7330183	3.22	1.3572	112.6	112.6	0.2965	0.2965	113	
D PCB-3L	13:54	6932455	3.22	1.4136	102.2	102.2	0.2846	0.2846	102	
PCB-1	11:44	4292318	3.10	1.2253	47.8	47.8	0.1071	0.1071	95.58	
PCB-2	13:43	3946057	3.09	1.2638	43.8	43.8	0.1210	0.1210	87.57	
PCB-3	13:54	4183848	3.12	1.2343	48.9	48.9	0.1483	0.1483	97.79	
S Total Dichlorobiphenyls					601.2	601.2	0.0591	0.0591		
D PCB-4L	14:08	3350003	1.60	0.6168	113.2	113.2	0.0837	0.0837	113	
* PCB-9L	16:06	4798002	1.60	2E+05	100.0	100.0			100	
$ PCB-8L	16:57	2409867	1.65	1.0903	52.3	52.3	0.0589	0.0589	105	
D PCB-15L	20:02	5108613	1.61	1.1198	95.1	95.1	0.0461	0.0461	95.09	
PCB-4	14:09	2016137	1.58	1.2801	47.0	47.0	0.0609	0.0609	94.03	
PCB-10	14:20	2712800	1.60	1.1542	55.6	55.6	0.0666	0.0666	111	
PCB-9	16:07	2849563	1.58	1.3642	49.4	49.4	0.0564	0.0564	98.78	
PCB-7	16:17	2659555	1.63	1.2485	50.4	50.4	0.0616	0.0616	101	
PCB-6	16:31	3237171	1.60	1.4961	51.2	51.2	0.0514	0.0514	102	
PCB-5	16:49	2589478	1.53	1.2206	50.2	50.2	0.0630	0.0630	100	
PCB-8	16:57	3496789	1.62	1.5207	54.4	54.4	0.0506	0.0506	109	
PCB-14	18:35	2600906	1.61	1.2864	47.8	47.8	0.0598	0.0598	95.61	
PCB-11	19:26	2920149	1.60	1.4418	47.9	47.9	0.0533	0.0533	95.78	
PCB-12	19:44	5240449	1.60	1.2960	95.6	95.6	0.0593	0.0593	95.61	
PCB-13 (C12)	19:44	5240449	1.60	1.2960	95.6	95.6	0.0593	0.0593	95.61	
PCB-15	20:03	3013808	1.64	1.1378	51.9	51.9	0.0667	0.0667	104	
S Total Trichlorobiphenyls					1141.1	1141.1	0.2826	0.2826		
D PCB-19L	17:14	2150812	1.07	0.6075	105.4	105.4	0.9301	0.9301	105	
* PCB-32L	20:29	3359239	1.06	1.4E+05	100.0	100.0			100	
* PCB-31L	22:45	8130782	1.04	3.1E+05	100.0	100.0			100	
$ PCB-28L	23:03	4024226	1.05	0.9882	50.1	50.1	0.0999	0.0999	100	
D PCB-37L	27:04	7294920	1.04	0.8960	100.1	100.1	0.1102	0.1102	100	
PCB-19	17:16	1452279	1.10	1.2904	52.3	52.3	0.0345	0.0345	105	
PCB-18	19:06	3755612	1.07	1.8076	96.6	96.6	0.0246	0.0246	96.60	
PCB-30 (C18)	19:06	3755612	1.07	1.8076	96.6	96.6	0.0246	0.0246	96.60	
PCB-17	19:32	1289868	1.11	1.2151	49.4	49.4	0.0366	0.0366	98.71	
PCB-27	19:45	1818949	1.08	1.7146	49.3	49.3	0.0259	0.0259	98.65	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-24	19:53	1839210	1.07	1.7741	48.2	48.2	0.0251	0.0251	96.40	
PCB-16	20:00	1393436	1.04	1.2003	54.0	54.0	0.0371	0.0371	108	
PCB-32	20:30	2075641	1.04	1.9703	49.0	49.0	0.0226	0.0226	97.96	
PCB-34	21:46	3202320	0.99	1.0089	43.5	43.5	0.4737	0.4737	87.02	
PCB-23	21:56	3509597	0.97	1.0329	46.6	46.6	0.4627	0.4627	93.16	
PCB-26	22:15	6889305	0.97	1.0037	94.1	94.1	0.4762	0.4762	94.09	
PCB-29 (C26)	22:15	6889305	0.97	1.0037	94.1	94.1	0.4762	0.4762	94.09	
PCB-25	22:28	4307280	0.96	1.2995	45.4	45.4	0.3678	0.3678	90.87	
PCB-31	22:47	4087726	0.98	1.2369	45.3	45.3	0.3864	0.3864	90.61	
PCB-20	23:05	7403554	0.98	1.1096	91.5	91.5	0.4307	0.4307	91.47	
PCB-28 (C20)	23:05	7403554	0.98	1.1096	91.5	91.5	0.4307	0.4307	91.47	
PCB-21	23:15	7981519	0.95	1.1245	97.3	97.3	0.4250	0.4250	97.30	
PCB-33 (C21)	23:15	7981519	0.95	1.1245	97.3	97.3	0.4250	0.4250	97.30	
PCB-22	23:42	4169402	1.00	1.2027	47.5	47.5	0.3974	0.3974	95.05	
PCB-36	25:16	4492856	1.02	1.2953	47.5	47.5	0.3690	0.3690	95.10	
PCB-39	25:38	3895264	1.01	1.1621	45.9	45.9	0.4113	0.4113	91.90	
PCB-38	26:12	3987452	0.99	1.1759	46.5	46.5	0.4064	0.4064	92.97	
PCB-35	26:40	3756114	0.99	1.1311	45.5	45.5	0.4225	0.4225	91.04	
PCB-37	27:05	3812197	1.00	1.1448	45.6	45.6	0.4175	0.4175	91.30	
S Total Tetrachlorobiphenyls					2204.7	2204.7	0.0430	0.0430		
D PCB-54L	20:19	2437864	0.81	0.6773	107.2	107.2	0.008220	0.008220	107	
* PCB-52L	24:53	4730475	0.80	1.6E+05	100.0	100.0			100	
$ PCB-79L	32:48	2974222	0.82	0.9218	51.8	51.8	0.4153	0.4153	104	
D PCB-81L	33:49	6055934	0.79	1.3497	94.9	94.9	0.3173	0.3173	94.85	
D PCB-77L	34:22	6407611	0.80	1.4256	95.0	95.0	0.3004	0.3004	95.02	
PCB-54	20:20	1394619	0.80	1.2064	47.4	47.4	0.0325	0.0325	94.83	
PCB-50	22:31	4973965	0.78	0.7674	104.0	104.0	0.0552	0.0552	104	
PCB-53 (C50)	22:31	4973965	0.78	0.7674	104.0	104.0	0.0552	0.0552	104	
PCB-45	23:15	4604601	0.80	0.7052	104.8	104.8	0.0601	0.0601	105	
PCB-51 (C45)	23:15	4604601	0.80	0.7052	104.8	104.8	0.0601	0.0601	105	
PCB-46	23:29	2072133	0.78	0.5909	56.3	56.3	0.0717	0.0717	113	
PCB-52	24:54	2794297	0.79	0.8488	52.8	52.8	0.0499	0.0499	106	
PCB-43	25:03	6059133	0.78	0.8936	108.8	108.8	0.0474	0.0474	109	
PCB-73 (C43)	25:03	6059133	0.78	0.8936	108.8	108.8	0.0474	0.0474	109	
PCB-49	25:22	5744531	0.78	0.8934	103.2	103.2	0.0474	0.0474	103	
PCB-69 (C49)	25:22	5744531	0.78	0.8934	103.2	103.2	0.0474	0.0474	103	
PCB-48	25:40	2465499	0.77	0.7506	52.7	52.7	0.0564	0.0564	105	
PCB-44	25:55	8542521	0.80	0.8388	163.4	163.4	0.0505	0.0505	109	
PCB-47 (C44)	25:55	8542521	0.80	0.8388	163.4	163.4	0.0505	0.0505	109	
PCB-65 (C44)	25:55	8542521	0.80	0.8388	163.4	163.4	0.0505	0.0505	109	
PCB-59	26:14	9875622	0.80	1.0042	157.8	157.8	0.0422	0.0422	105	
PCB-62 (C59)	26:14	9875622	0.80	1.0042	157.8	157.8	0.0422	0.0422	105	
PCB-75 (C59)	26:14	9875622	0.80	1.0042	157.8	157.8	0.0422	0.0422	105	
PCB-42	26:25	2464991	0.75	0.6874	57.5	57.5	0.0616	0.0616	115	
PCB-40	26:55	7536639	0.78	0.7618	158.8	158.8	0.0556	0.0556	106	
PCB-41 (C40)	26:55	7536639	0.78	0.7618	158.8	158.8	0.0556	0.0556	106	
PCB-71 (C40)	26:55	7536639	0.78	0.7618	158.8	158.8	0.0556	0.0556	106	
PCB-64	27:08	3574430	0.78	1.0318	55.6	55.6	0.0411	0.0411	111	
PCB-72	27:58	3861834	0.79	1.1621	53.3	53.3	0.0364	0.0364	107	
PCB-68	28:15	3781408	0.77	1.1249	53.9	53.9	0.0377	0.0377	108	
PCB-57	28:40	3662179	0.78	1.1107	52.9	52.9	0.0381	0.0381	106	
PCB-58	28:55	4031735	0.81	1.2848	50.4	50.4	0.0330	0.0330	101	
PCB-67	29:05	4391912	0.77	1.3274	53.1	53.1	0.0319	0.0319	106	
PCB-63	29:21	3492642	0.77	1.0648	52.6	52.6	0.0398	0.0398	105	
PCB-61	29:41	15383997	0.78	1.1549	213.8	213.8	0.0367	0.0367	107	
PCB-70 (C61)	29:41	15383997	0.78	1.1549	213.8	213.8	0.0367	0.0367	107	
PCB-74 (C61)	29:41	15383997	0.78	1.1549	213.8	213.8	0.0367	0.0367	107	
PCB-76 (C61)	29:41	15383997	0.78	1.1549	213.8	213.8	0.0367	0.0367	107	
PCB-66	30:00	3910283	0.79	1.2325	50.9	50.9	0.0344	0.0344	102	
PCB-55	30:10	4071701	0.78	1.2655	51.6	51.6	0.0335	0.0335	103	
PCB-56	30:41	3823415	0.80	1.2161	50.5	50.5	0.0348	0.0348	101	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-60	30:54	3348159	0.78	1.0554	50.9	50.9	0.0401	0.0401	102	
PCB-80	31:18	3891877	0.77	1.2769	48.9	48.9	0.0332	0.0332	97.82	
PCB-79	32:50	4336465	0.81	1.4452	48.1	48.1	0.0293	0.0293	96.30	
PCB-78	33:23	3843538	0.79	1.2116	50.9	50.9	0.0350	0.0350	102	
PCB-81	33:49	3061361	0.80	1.0148	49.8	49.8	0.0428	0.0428	99.62	
PCB-77	34:23	3355471	0.82	1.0498	49.9	49.9	0.0393	0.0393	99.77	
S Total Pentachlorobiphenyls					2278.7	2278.7	0.1784	0.1784		
D PCB-104L	25:49	4279391	1.58	1.1880	105.6	105.6	0.0301	0.0301	106	
$ PCB-95L	28:47	1543382	1.59	0.6819	52.9	52.9	0.0395	0.0395	106	
* PCB-101L	31:44	3410619	1.60	1.2E+05	100.0	100.0			100	
$ PCB-111L	34:25	2235794	1.63	1.1801	55.5	55.5	0.0303	0.0303	111	
D PCB-123L	36:22	5955730	1.59	0.9399	101.7	101.7	0.7525	0.7525	102	
D PCB-118L	36:41	6300973	1.56	0.9794	103.3	103.3	0.7222	0.7222	103	
D PCB-114L	37:13	6069327	1.60	0.9767	99.8	99.8	0.7241	0.7241	99.78	
D PCB-105L	37:52	5985055	1.59	0.9600	100.1	100.1	0.7367	0.7367	100	
* PCB-127L	39:21	6227411	1.59	2.1E+05	100.0	100.0			100	
D PCB-126L	40:58	6098617	1.62	0.9554	102.5	102.5	0.7403	0.7403	102	
PCB-104	25:50	2177563	1.59	1.0054	50.6	50.6	0.0502	0.0502	101	
PCB-96	26:13	2495742	1.61	1.1511	50.7	50.7	0.0438	0.0438	101	
PCB-103	28:09	1821469	1.58	0.8327	51.1	51.1	0.0606	0.0606	102	
PCB-94	28:22	1554353	1.54	0.6950	52.3	52.3	0.0726	0.0726	105	
PCB-95	28:49	1692007	1.60	0.7922	49.9	49.9	0.0637	0.0637	99.81	
PCB-93	29:02	3308016	1.55	0.7830	98.7	98.7	0.0644	0.0644	98.72	
PCB-100 (C93)	29:02	3308016	1.55	0.7830	98.7	98.7	0.0644	0.0644	98.72	
PCB-98	29:11	3938641	1.52	0.9182	100.2	100.2	0.0550	0.0550	100	
PCB-102 (C98)	29:11	3938641	1.52	0.9182	100.2	100.2	0.0550	0.0550	100	
PCB-88	29:40	3448548	1.58	0.8023	100.4	100.4	0.0629	0.0629	100	
PCB-91 (C88)	29:40	3448548	1.58	0.8023	100.4	100.4	0.0629	0.0629	100	
PCB-84	29:54	1548493	1.54	0.6855	52.8	52.8	0.0736	0.0736	106	
PCB-89	30:22	1765685	1.61	0.8482	48.6	48.6	0.0595	0.0595	97.28	
PCB-121	30:48	2674324	1.60	1.2839	48.7	48.7	0.0393	0.0393	97.35	
PCB-92	31:10	1655431	1.57	0.7805	49.6	49.6	0.0647	0.0647	99.12	M
PCB-90	31:44	5936537	1.58	0.9542	145.4	145.4	0.0529	0.0529	96.92	
PCB-101 (C90)	31:44	5936537	1.58	0.9542	145.4	145.4	0.0529	0.0529	96.92	
PCB-113 (C90)	31:44	5936537	1.58	0.9542	145.4	145.4	0.0529	0.0529	96.92	
PCB-83	32:20	3611226	1.58	0.8851	95.3	95.3	0.0570	0.0570	95.34	
PCB-99 (C83)	32:20	3611226	1.58	0.8851	95.3	95.3	0.0570	0.0570	95.34	
PCB-112	32:27	3033585	1.60	1.4150	50.1	50.1	0.0357	0.0357	100	
PCB-86	32:49	12980847	1.58	1.0283	295.0	295.0	0.0491	0.0491	98.33	M
PCB-87 (C86)	32:49	12980847	1.58	1.0283	295.0	295.0	0.0491	0.0491	98.33	M
PCB-97 (C86)	32:49	12980847	1.58	1.0283	295.0	295.0	0.0491	0.0491	98.33	M
PCB-109 (C86)	32:49	12980847	1.58	1.0283	295.0	295.0	0.0491	0.0491	98.33	M
PCB-119 (C86)	32:49	12980847	1.58	1.0283	295.0	295.0	0.0491	0.0491	98.33	M
PCB-125 (C86)	32:49	12980847	1.58	1.0283	295.0	295.0	0.0491	0.0491	98.33	M
PCB-85	33:33	6459823	1.59	1.0238	147.4	147.4	0.0493	0.0493	98.30	
PCB-116 (C85)	33:33	6459823	1.59	1.0238	147.4	147.4	0.0493	0.0493	98.30	
PCB-117 (C85)	33:33	6459823	1.59	1.0238	147.4	147.4	0.0493	0.0493	98.30	
PCB-110	33:46	5707916	1.59	1.3556	98.4	98.4	0.0372	0.0372	98.39	
PCB-115 (C110)	33:46	5707916	1.59	1.3556	98.4	98.4	0.0372	0.0372	98.39	
PCB-82	34:02	1828745	1.58	0.8520	50.2	50.2	0.0592	0.0592	100	
PCB-111	34:26	2529583	1.55	1.2217	48.4	48.4	0.0413	0.0413	96.77	
PCB-120	34:54	3266359	1.63	1.5157	50.4	50.4	0.0333	0.0333	101	
PCB-108	36:02	6747890	1.60	1.0910	101.7	101.7	0.4428	0.4428	102	
PCB-124 (C108)	36:02	6747890	1.60	1.0910	101.7	101.7	0.4428	0.4428	102	
PCB-107	36:16	3663343	1.52	1.2004	50.2	50.2	0.4025	0.4025	100	
PCB-123	36:23	2904058	1.53	1.0447	46.7	46.7	0.4661	0.4661	93.35	
PCB-106	36:30	3654729	1.55	1.1708	51.3	51.3	0.4127	0.4127	103	
PCB-118	36:43	3328272	1.56	1.0261	51.5	51.5	0.4446	0.4446	103	
PCB-122	37:03	2725754	1.61	0.9264	48.4	48.4	0.5216	0.5216	96.76	
PCB-114	37:15	3227646	1.54	1.0927	48.7	48.7	0.4370	0.4370	97.33	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-105	37:53	3215498	1.60	1.0755	50.0	50.0	0.4511	0.4511	99.91	
PCB-127	39:22	3511769	1.57	1.1835	48.8	48.8	0.4082	0.4082	97.58	
PCB-126	40:58	3546812	1.55	1.2284	47.3	47.3	0.4180	0.4180	94.69	
S Total Hexachlorobiphenyls					2126.1	2126.1	0.2787	0.2787		
D PCB-155L	31:29	4027207	1.26	1.1357	104.0	104.0	0.0299	0.0299	104	
$ PCB-153L	38:34	2283093	1.28	0.8141	49.4	49.4	0.4918	0.4918	98.84	
* PCB-138L	39:49	4601585	1.29	1.5E+05	100.0	100.0			100	
D PCB-167L	42:49	5677997	1.26	1.2662	97.5	97.5	0.3177	0.3177	97.45	
D PCB-156L	43:58	11320952	1.27	1.2515	196.6	196.6	0.3215	0.3215	98.29	
D PCB-157L (C156L)	43:58	11320952	1.27	1.2515	196.6	196.6	0.3215	0.3215	98.29	
D PCB-169L	47:13	5697776	1.29	1.3070	94.7	94.7	0.3078	0.3078	94.74	
PCB-155	31:31	1830156	1.23	0.9289	48.9	48.9	0.0254	0.0254	97.85	
PCB-152	31:43	2251775	1.25	1.1242	49.7	49.7	0.0210	0.0210	99.47	
PCB-150	31:53	2003802	1.27	0.9966	49.9	49.9	0.0237	0.0237	99.85	
PCB-136	32:14	1903690	1.27	0.9632	49.1	49.1	0.0245	0.0245	98.15	
PCB-145	32:33	2170204	1.24	1.0775	50.0	50.0	0.0219	0.0219	100	
PCB-148	34:03	1488835	1.29	0.7376	50.1	50.1	0.0320	0.0320	100	
PCB-135	34:39	3034025	1.27	0.7414	101.6	101.6	0.0319	0.0319	102	M
PCB-151 (C135)	34:39	3034025	1.27	0.7414	101.6	101.6	0.0319	0.0319	102	M
PCB-154	34:54	1717943	1.24	0.8223	51.9	51.9	0.0287	0.0287	104	
PCB-144	35:12	1575672	1.28	0.7371	53.1	53.1	0.0321	0.0321	106	
PCB-147	35:34	4948229	1.26	0.8634	101.0	101.0	0.3884	0.3884	101	
PCB-149 (C147)	35:34	4948229	1.26	0.8634	101.0	101.0	0.3884	0.3884	101	
PCB-134	35:52	4045499	1.26	0.6812	104.7	104.7	0.4923	0.4923	105	
PCB-143 (C134)	35:52	4045499	1.26	0.6812	104.7	104.7	0.4923	0.4923	105	
PCB-139	36:10	4789707	1.26	0.8381	100.7	100.7	0.4001	0.4001	101	
PCB-140 (C139)	36:10	4789707	1.26	0.8381	100.7	100.7	0.4001	0.4001	101	
PCB-131	36:22	1969621	1.21	0.6856	50.6	50.6	0.4891	0.4891	101	
PCB-142	36:31	2028445	1.23	0.6760	52.9	52.9	0.4961	0.4961	106	
PCB-132	36:50	2055148	1.26	0.7063	51.3	51.3	0.4748	0.4748	103	
PCB-133	37:20	2211812	1.25	0.7770	50.2	50.2	0.4316	0.4316	100	
PCB-165	37:44	2651512	1.21	0.9584	48.8	48.8	0.3499	0.3499	97.52	
PCB-146	37:59	2609276	1.23	0.9163	50.2	50.2	0.3660	0.3660	100	
PCB-161	38:07	3241190	1.25	1.1406	50.1	50.1	0.2940	0.2940	100	
PCB-153	38:37	5786962	1.24	1.0468	97.4	97.4	0.3204	0.3204	97.43	
PCB-168 (C153)	38:37	5786962	1.24	1.0468	97.4	97.4	0.3204	0.3204	97.43	
PCB-141	38:47	2299970	1.24	0.7580	53.5	53.5	0.4424	0.4424	107	
PCB-130	39:12	1826435	1.26	0.6356	50.6	50.6	0.5276	0.5276	101	
PCB-137	39:25	2199595	1.24	0.7533	51.5	51.5	0.4451	0.4451	103	
PCB-164	39:32	3179038	1.26	1.1173	50.1	50.1	0.3001	0.3001	100	
PCB-129	39:51	10238221	1.28	0.8826	204.4	204.4	0.3800	0.3800	102	M
PCB-138 (C129)	39:51	10238221	1.28	0.8826	204.4	204.4	0.3800	0.3800	102	M
PCB-160 (C129)	39:51	10238221	1.28	0.8826	204.4	204.4	0.3800	0.3800	102	M
PCB-163 (C129)	39:51	10238221	1.28	0.8826	204.4	204.4	0.3800	0.3800	102	M
PCB-158	40:13	3255255	1.25	1.1331	50.6	50.6	0.2959	0.2959	101	
PCB-128	41:05	5648608	1.23	0.9522	104.5	104.5	0.3522	0.3522	105	
PCB-166 (C128)	41:05	5648608	1.23	0.9522	104.5	104.5	0.3522	0.3522	105	
PCB-159	42:05	3639296	1.26	1.3072	49.1	49.1	0.2565	0.2565	98.13	
PCB-162	42:22	3345690	1.27	1.0935	53.9	53.9	0.3067	0.3067	108	
PCB-167	42:50	3072939	1.25	1.1098	48.8	48.8	0.2538	0.2538	97.53	
PCB-156	44:00	5901743	1.24	1.0713	97.3	97.3	0.3684	0.3684	97.32	
PCB-157 (C156)	44:00	5901743	1.24	1.0713	97.3	97.3	0.3684	0.3684	97.32	
PCB-169	47:14	3458426	1.27	1.2249	49.6	49.6	0.2467	0.2467	99.11	
S Total Heptachlorobiphenyls					1245.3	1245.3	0.0423	0.0423		
D PCB-188L	37:13	4607139	1.05	1.2605	99.7	99.7	0.0450	0.0450	99.66	
$ PCB-178L	40:17	1727845	1.04	0.8365	56.3	56.3	0.0679	0.0679	113	
* PCB-180L	45:22	3667635	1.07	1.2E+05	100.0	100.0			100	
D PCB-170L	46:36	3025503	1.05	0.8524	96.8	96.8	0.0666	0.0666	96.78	
D PCB-189L	49:44	6573735	1.06	1.4740	97.0	97.0	0.8161	0.8161	97.03	
PCB-188	37:15	2460281	1.07	1.0534	50.7	50.7	0.0324	0.0324	101	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-179	37:35	2745529	1.05	1.4009	51.4	51.4	0.0299	0.0299	103	
PCB-184	38:06	2545353	1.07	1.2996	51.3	51.3	0.0322	0.0322	103	
PCB-176	38:28	2390228	1.04	1.1987	52.3	52.3	0.0349	0.0349	105	
PCB-186	38:55	2875182	1.04	1.4715	51.2	51.2	0.0285	0.0285	102	
PCB-178	40:18	1815241	1.07	0.8813	54.0	54.0	0.0475	0.0475	108	
PCB-175	40:56	1826774	1.07	0.9040	53.0	53.0	0.0463	0.0463	106	
PCB-187	41:12	2271510	1.03	1.1524	51.6	51.6	0.0363	0.0363	103	
PCB-182	41:24	2241629	1.05	1.1052	53.1	53.1	0.0379	0.0379	106	
PCB-183	41:48	3838035	1.06	0.9716	103.5	103.5	0.0431	0.0431	104	Ma
PCB-185 (C183)	41:48	3838035	1.06	0.9716	103.5	103.5	0.0431	0.0431	104	Ma
PCB-174	42:03	2006890	1.04	0.9981	52.7	52.7	0.0419	0.0419	105	
PCB-177	42:29	1960650	1.05	0.9612	53.4	53.4	0.0436	0.0436	107	
PCB-181	42:53	2071824	1.07	1.0577	51.3	51.3	0.0396	0.0396	103	
PCB-171	43:05	3607272	1.05	0.8964	105.4	105.4	0.0467	0.0467	105	
PCB-173 (C171)	43:05	3607272	1.05	0.8964	105.4	105.4	0.0467	0.0467	105	
PCB-172	44:44	1828029	1.06	0.9283	51.6	51.6	0.0451	0.0451	103	
PCB-192	45:00	2796346	1.04	1.4131	51.9	51.9	0.0296	0.0296	104	
PCB-180	45:21	4636274	1.06	1.1677	104.0	104.0	0.0359	0.0359	104	
PCB-193 (C180)	45:21	4636274	1.06	1.1677	104.0	104.0	0.0359	0.0359	104	
PCB-191	45:44	2506456	1.05	1.2698	51.7	51.7	0.0330	0.0330	103	
PCB-170	46:38	1730995	1.06	1.0923	52.4	52.4	0.0495	0.0495	105	
PCB-190	47:10	2500835	1.04	1.3003	50.4	50.4	0.0322	0.0322	101	
PCB-189	49:45	3221376	1.01	1.0146	48.3	48.3	0.1217	0.1217	96.60	
S Total Octachlorobiphenyls					591.4	591.4	0.0682	0.0682		
D PCB-202L	42:35	3775191	0.90	1.0390	99.1	99.1	0.0678	0.0678	99.07	
* PCB-194L	51:50	4596375	0.90	1.5E+05	100.0	100.0			100	
D PCB-205L	52:19	5578549	0.90	1.2166	99.8	99.8	0.6850	0.6850	99.76	
PCB-202	42:37	1861230	0.87	1.0078	48.9	48.9	0.0434	0.0434	97.84	
PCB-201	43:32	1792324	0.92	0.9580	49.6	49.6	0.0456	0.0456	99.11	
PCB-204	44:12	2035280	0.90	1.1119	48.5	48.5	0.0393	0.0393	96.97	
PCB-197	44:26	2026072	0.98	1.0487	51.2	51.2	0.0417	0.0417	102	
PCB-200	44:32	1833478	0.82	0.9671	50.2	50.2	0.0452	0.0452	100	
PCB-198	47:19	3174958	0.90	0.8830	95.2	95.2	0.0495	0.0495	95.24	
PCB-199 (C198)	47:19	3174958	0.90	0.8830	95.2	95.2	0.0495	0.0495	95.24	
PCB-196	48:00	1435229	0.90	0.7882	48.2	48.2	0.0555	0.0555	96.47	
PCB-203	48:12	1765484	0.91	0.9704	48.2	48.2	0.0450	0.0450	96.38	
PCB-195	49:31	2397835	0.89	0.8289	51.9	51.9	0.1461	0.1461	104	
PCB-194	51:52	2605766	0.89	0.9255	50.5	50.5	0.1309	0.1309	101	
PCB-205	52:20	3081258	0.88	1.1267	49.0	49.0	0.1075	0.1075	98.05	
S Total Nonachlorobiphenyls					148.6	148.6	0.3724	0.3724		
D PCB-208L	49:15	5070221	0.80	1.0234	107.8	107.8	0.8407	0.8407	108	
D PCB-206L	54:04	3540406	0.82	0.7298	105.5	105.5	1.179	1.179	106	
PCB-208	49:18	2575020	0.78	1.0457	48.6	48.6	0.3497	0.3497	97.13	
PCB-207	50:13	2669525	0.79	1.2328	50.3	50.3	0.3498	0.3498	101	
PCB-206	54:05	2214854	0.78	1.2570	49.8	49.8	0.4178	0.4178	99.54	
D PCB-209L	55:42	3858635	0.72	0.7565	111.0	111.0	0.0716	0.0716	111	
DCB Decachlorobiphenyl	55:44	1929399	0.71	1.0418	48.0	48.0	0.0663	0.0663	95.99	
S Polychlorinated biphenyls, Total					10385	10385	0.1546	0.1546		

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

61CV1668CS3_00016 Amount Added: 20.00 Units: uL

Report Date: 03-Jan-2024 19:05:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Lims ID: WDMCCV
Client ID:
Sample Type: WDMCCV
Inject. Date: 03-Jan-2024 14:42:00 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 03-Jan-2024 19:05:17 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 03-Jan-2024 19:05:17

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:44	11:44	0	0.728	5591536	1942728	899	2247	2161		
202.0766	11:44	11:44	0	0.728	1738647	626487	962	2405	651	3.22(2.66-3.60)	
PCB-3L											
200.0795	13:54	13:54	0	0.863	5289521	1404896	899	2247	1563		
202.0766	13:54	13:54	0	0.863	1642934	437249	962	2405	455	3.22(2.66-3.60)	
PCB-1											
188.0393	11:44	11:44	0	1.001	3245436	1151514	922	2305	1249		
190.0363	11:44	11:44	0	1.001	1046882	372095	427	1067	871	3.10(2.66-3.60)	
PCB-2											
188.0393	13:43	13:43	0	0.988	2980135	826439	922	2305	896		
190.0363	13:43	13:43	0	0.988	965922	263063	427	1067	616	3.09(2.66-3.60)	
PCB-3											
188.0393	13:54	13:54	0	1.001	3167427	823904	922	2305	894		
190.0363	13:54	13:54	0	1.001	1016421	264276	427	1067	619	3.12(2.66-3.60)	
PCB-4L											
234.0406	14:08	14:08	0	0.878	2062907	558730	188	470	2972		
236.0376	14:08	14:08	0	0.878	1287096	357751	51	127	7015	1.60(1.33-1.79)	
PCB-9L											
234.0406	16:06	16:06	0		2950342	714088	188	470	3798		
236.0376	16:06	16:06	0		1847660	442096	51	127	8669	1.60(1.33-1.79)	
PCB-8L											
234.0406	16:57	16:57	0	1.199	1500981	345131	188	470	1836		
236.0376	16:57	16:57	0	1.199	908886	212458	51	127	4166	1.65(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-15L											
234.0406	20:02	20:02	0	1.244	3151332	581797	188	470	3095		
236.0376	20:02	20:02	0	1.244	1957281	361017	51	127	7079	1.61(1.33-1.79)	
PCB-4											
222.0003	14:09	14:09	0	1.002	1233862	341073	119	297	2866		
223.9974	14:09	14:09	0	1.002	782275	214873	167	417	1287	1.58(1.33-1.79)	
PCB-10											
222.0003	14:20	14:20	0	1.014	1670553	439164	119	297	3690		
223.9974	14:20	14:20	0	1.014	1042247	275718	167	417	1651	1.60(1.33-1.79)	
PCB-9											
222.0003	16:07	16:07	0	1.140	1744787	425290	119	297	3574		
223.9974	16:07	16:07	0	1.140	1104776	274599	167	417	1644	1.58(1.33-1.79)	
PCB-7											
222.0003	16:17	16:17	0	1.153	1649245	389298	119	297	3271		
223.9974	16:17	16:17	0	1.153	1010310	236087	167	417	1414	1.63(1.33-1.79)	
PCB-6											
222.0003	16:31	16:31	0	1.169	1992478	455087	119	297	3824		
223.9974	16:31	16:31	0	1.169	1244693	286620	167	417	1716	1.60(1.33-1.79)	
PCB-5											
222.0003	16:49	16:49	0	1.191	1567661	379968	119	297	3193		
223.9974	16:49	16:49	0	1.191	1021817	247662	167	417	1483	1.53(1.33-1.79)	
PCB-8											
222.0003	16:57	16:57	0	1.200	2163605	481810	119	297	4049		
223.9974	16:57	16:57	0	1.200	1333184	302478	167	417	1811	1.62(1.33-1.79)	
PCB-14											
222.0003	18:35	18:35	0	0.928	1602958	339639	119	297	2854		
223.9974	18:35	18:35	0	0.928	997948	213222	167	417	1277	1.61(1.33-1.79)	
PCB-11											
222.0003	19:26	19:26	0	0.970	1796416	347674	119	297	2922		
223.9974	19:26	19:26	0	0.970	1123733	217320	167	417	1301	1.60(1.33-1.79)	
PCB-12											
222.0003	19:44	19:44	0	0.985	3225506	455657	119	297	3829		
223.9974	19:44	19:44	0	0.985	2014943	284447	167	417	1703	1.60(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:44	19:44	0	0.985	3225506	455657	119	297	3829		
223.9974	19:44	19:44	0	0.985	2014943	284447	167	417	1703	1.60(1.33-1.79)	
PCB-15											
222.0003	20:03	20:03	0	1.001	1871395	325066	119	297	2732		
223.9974	20:03	20:03	0	1.001	1142413	198962	167	417	1191	1.64(1.33-1.79)	
PCB-19L											
268.0016	17:14	17:14	0	0.841	1113034	265623	1380	3450	192		
269.9986	17:14	17:14	0	0.841	1037778	240210	244	610	984	1.07(0.88-1.20)	
PCB-32L											
268.0016	20:29	20:29	0		1732250	370882	1380	3450	269		
269.9986	20:29	20:29	0		1626989	347640	244	610	1425	1.06(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31L											
268.0016	22:45	22:45	0		4152550	847725	373	932	2273		
269.9986	22:45	22:45	0		3978232	813837	283	707	2876	1.04(0.88-1.20)	
PCB-28L											
268.0016	23:03	23:03	0	1.013	2057880	391651	373	932	1050		
269.9986	23:03	23:03	0	1.013	1966346	379426	283	707	1341	1.05(0.88-1.20)	
PCB-37L											
268.0016	27:04	27:04	0	1.189	3723735	625841	373	932	1678		
269.9986	27:04	27:04	0	1.189	3571185	600281	283	707	2121	1.04(0.88-1.20)	
PCB-19											
255.9613	17:16	17:16	0	1.002	760859	178453	30	75	5948		
257.9584	17:16	17:16	0	1.002	691420	162093	60	150	2702	1.10(0.88-1.20)	
PCB-18											
255.9613	19:06	19:06	0	1.108	1941001	331456	30	75	11049		
257.9584	19:06	19:06	0	1.108	1814611	307446	60	150	5124	1.07(0.88-1.20)	
PCB-30 (C18)											
255.9613	19:06	19:06	0	1.108	1941001	331456	30	75	11049		
257.9584	19:06	19:06	0	1.108	1814611	307446	60	150	5124	1.07(0.88-1.20)	
PCB-17											
255.9613	19:32	19:32	0	1.133	678890	146167	30	75	4872		
257.9584	19:32	19:32	0	1.133	610978	134569	60	150	2243	1.11(0.88-1.20)	
PCB-27											
255.9613	19:45	19:45	0	1.146	943716	206552	30	75	6885		
257.9584	19:45	19:45	0	1.146	875233	189836	60	150	3164	1.08(0.88-1.20)	
PCB-24											
255.9613	19:53	19:53	0	1.154	948577	216891	30	75	7230		
257.9584	19:53	19:53	0	1.154	890633	203485	60	150	3391	1.07(0.88-1.20)	
PCB-16											
255.9613	20:00	20:00	0	1.160	711862	137790	30	75	4593		
257.9584	20:00	20:00	0	1.160	681574	129409	60	150	2157	1.04(0.88-1.20)	
PCB-32											
255.9613	20:30	20:30	0	1.190	1060140	218405	30	75	7280		
257.9584	20:30	20:30	0	1.190	1015501	208558	60	150	3476	1.04(0.88-1.20)	
PCB-34											
255.9613	21:46	21:46	0	1.264	1592194	345684	1168	2920	296		
257.9584	21:46	21:46	0	1.264	1610126	349103	1176	2940	297	0.99(0.88-1.20)	
PCB-23											
255.9613	21:56	21:56	0	1.273	1727295	351876	1168	2920	301		
257.9584	21:56	21:56	0	1.273	1782302	363176	1176	2940	309	0.97(0.88-1.20)	
PCB-26											
255.9613	22:15	22:15	0	1.291	3393455	624427	1168	2920	535		
257.9584	22:15	22:15	0	1.291	3495850	643898	1176	2940	548	0.97(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:15	22:15	0	1.291	3393455	624427	1168	2920	535		
257.9584	22:15	22:15	0	1.291	3495850	643898	1176	2940	548	0.97(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											
255.9613	22:28	22:28	0	0.830	2114458	390774	1168	2920	335		
257.9584	22:28	22:28	0	0.830	2192822	405741	1176	2940	345	0.96(0.88-1.20)	
PCB-31											
255.9613	22:47	22:47	0	0.842	2024538	406730	1168	2920	348		
257.9584	22:47	22:47	0	0.842	2063188	411223	1176	2940	350	0.98(0.88-1.20)	
PCB-20											
255.9613	23:05	23:05	0	0.853	3659606	636267	1168	2920	545		
257.9584	23:05	23:05	0	0.853	3743948	654023	1176	2940	556	0.98(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:05	23:05	0	0.853	3659606	636267	1168	2920	545		
257.9584	23:05	23:05	0	0.853	3743948	654023	1176	2940	556	0.98(0.88-1.20)	
PCB-21											
255.9613	23:15	23:15	0	0.859	3896952	438113	1168	2920	375		
257.9584	23:15	23:15	0	0.859	4084567	445457	1176	2940	379	0.95(0.88-1.20)	
PCB-33 (C21)											
255.9613	23:15	23:15	0	0.859	3896952	438113	1168	2920	375		
257.9584	23:15	23:15	0	0.859	4084567	445457	1176	2940	379	0.95(0.88-1.20)	
PCB-22											
255.9613	23:42	23:42	0	0.876	2085894	391046	1168	2920	335		
257.9584	23:42	23:42	0	0.876	2083508	395893	1176	2940	337	1.00(0.88-1.20)	
PCB-36											
255.9613	25:16	25:16	0	0.933	2269303	396113	1168	2920	339		
257.9584	25:16	25:16	0	0.933	2223553	396863	1176	2940	337	1.02(0.88-1.20)	
PCB-39											
255.9613	25:38	25:38	0	0.947	1953054	341290	1168	2920	292		
257.9584	25:37	25:38	-1	0.947	1942210	339797	1176	2940	289	1.01(0.88-1.20)	
PCB-38											
255.9613	26:12	26:12	0	0.968	1986696	362369	1168	2920	310		
257.9584	26:12	26:12	0	0.968	2000756	363706	1176	2940	309	0.99(0.88-1.20)	
PCB-35											
255.9613	26:40	26:40	0	0.985	1864808	311895	1168	2920	267		
257.9584	26:40	26:40	0	0.985	1891306	317393	1176	2940	270	0.99(0.88-1.20)	
PCB-37											
255.9613	27:05	27:05	0	1.000	1902091	310670	1168	2920	266		
257.9584	27:05	27:05	0	1.000	1910106	308444	1176	2940	262	1.00(0.88-1.20)	
PCB-54L											
301.9626	20:19	20:19	0	0.817	1092752	235912	8	20	29489		
303.9597	20:19	20:19	0	0.817	1345112	291328	8	20	36416	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:53	24:53	0		2100780	405943	686	1715	592		
303.9597	24:53	24:53	0		2629695	522665	905	2262	578	0.80(0.65-0.89)	
PCB-79L											
301.9626	32:48	32:48	0	0.970	1343406	230358	686	1715	336		
303.9597	32:49	32:48	1	0.970	1630816	289932	905	2262	320	0.82(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-81L											
301.9626	33:49	33:49	0	1.359	2667072	441947	686	1715	644		
303.9597	33:49	33:49	0	1.359	3388862	569920	905	2262	630	0.79(0.65-0.89)	
PCB-77L											
301.9626	34:22	34:22	0	1.382	2854742	480488	686	1715	700		
303.9597	34:22	34:22	0	1.382	3552869	585100	905	2262	647	0.80(0.65-0.89)	
PCB-54											
289.9224	20:20	20:20	0	1.000	619721	134482	48	120	2802		
291.9194	20:20	20:20	0	1.000	774898	171871	35	87	4911	0.80(0.65-0.89)	
PCB-50											
289.9224	22:31	22:31	0	1.108	2178270	408978	74	185	5527		
291.9194	22:31	22:31	0	1.108	2795695	538284	102	255	5277	0.78(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:31	22:31	0	1.108	2178270	408978	74	185	5527		
291.9194	22:31	22:31	0	1.108	2795695	538284	102	255	5277	0.78(0.65-0.89)	
PCB-45											
289.9224	23:15	23:15	0	1.144	2040439	246050	74	185	3325		
291.9194	23:15	23:15	0	1.144	2564162	309615	102	255	3035	0.80(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:15	23:15	0	1.144	2040439	246050	74	185	3325		
291.9194	23:15	23:15	0	1.144	2564162	309615	102	255	3035	0.80(0.65-0.89)	
PCB-46											
289.9224	23:29	23:29	0	1.156	911110	173006	74	185	2338		
291.9194	23:29	23:29	0	1.156	1161023	226749	102	255	2223	0.78(0.65-0.89)	
PCB-52											
289.9224	24:54	24:54	0	1.226	1232452	259496	74	185	3507		
291.9194	24:54	24:54	0	1.226	1561845	328776	102	255	3223	0.79(0.65-0.89)	
PCB-43											
289.9224	25:03	25:03	0	1.233	2663068	311087	74	185	4204		
291.9194	25:03	25:03	0	1.233	3396065	400151	102	255	3923	0.78(0.65-0.89)	
PCB-73 (C43)											
289.9224	25:03	25:03	0	1.233	2663068	311087	74	185	4204		
291.9194	25:03	25:03	0	1.233	3396065	400151	102	255	3923	0.78(0.65-0.89)	
PCB-49											
289.9224	25:22	25:22	0	1.248	2524580	344641	74	185	4657		
291.9194	25:22	25:22	0	1.248	3219951	436917	102	255	4284	0.78(0.65-0.89)	
PCB-69 (C49)											
289.9224	25:22	25:22	0	1.248	2524580	344641	74	185	4657		
291.9194	25:22	25:22	0	1.248	3219951	436917	102	255	4284	0.78(0.65-0.89)	
PCB-48											
289.9224	25:40	25:40	0	1.263	1070818	214470	74	185	2898		
291.9194	25:40	25:40	0	1.263	1394681	274549	102	255	2692	0.77(0.65-0.89)	
PCB-44											
289.9224	25:55	25:55	0	1.275	3798715	645660	74	185	8725		
291.9194	25:55	25:55	0	1.275	4743806	789990	102	255	7745	0.80(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-47 (C44)											
289.9224	25:55	25:55	0	1.275	3798715	645660	74	185	8725		
291.9194	25:55	25:55	0	1.275	4743806	789990	102	255	7745	0.80(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:55	25:55	0	1.275	3798715	645660	74	185	8725		
291.9194	25:55	25:55	0	1.275	4743806	789990	102	255	7745	0.80(0.65-0.89)	
PCB-59											
289.9224	26:14	26:14	0	1.291	4385992	612725	74	185	8280		
291.9194	26:13	26:14	-1	1.290	5489630	768934	102	255	7539	0.80(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:14	26:14	0	1.291	4385992	612725	74	185	8280		
291.9194	26:13	26:14	-1	1.290	5489630	768934	102	255	7539	0.80(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:14	26:14	0	1.291	4385992	612725	74	185	8280		
291.9194	26:13	26:14	-1	1.290	5489630	768934	102	255	7539	0.80(0.65-0.89)	
PCB-42											
289.9224	26:25	26:25	0	1.300	1058067	192946	74	185	2607		
291.9194	26:25	26:25	0	1.300	1406924	245917	102	255	2411	0.75(0.65-0.89)	
PCB-40											
289.9224	26:55	26:55	0	1.325	3301873	448673	74	185	6063		
291.9194	26:55	26:55	0	1.325	4234766	566275	102	255	5552	0.78(0.65-0.89)	
PCB-41 (C40)											
289.9224	26:55	26:55	0	1.325	3301873	448673	74	185	6063		
291.9194	26:55	26:55	0	1.325	4234766	566275	102	255	5552	0.78(0.65-0.89)	
PCB-71 (C40)											
289.9224	26:55	26:55	0	1.325	3301873	448673	74	185	6063		
291.9194	26:55	26:55	0	1.325	4234766	566275	102	255	5552	0.78(0.65-0.89)	
PCB-64											
289.9224	27:08	27:08	0	1.336	1562454	286849	74	185	3876		
291.9194	27:08	27:08	-1	1.335	2011976	363347	102	255	3562	0.78(0.65-0.89)	
PCB-72											
289.9224	27:58	27:58	0	0.827	1701806	331296	74	185	4477		
291.9194	27:58	27:58	0	0.827	2160028	416197	102	255	4080	0.79(0.65-0.89)	
PCB-68											
289.9224	28:15	28:15	0	0.836	1645019	283961	74	185	3837		
291.9194	28:16	28:15	1	0.836	2136389	368950	102	255	3617	0.77(0.65-0.89)	
PCB-57											
289.9224	28:40	28:40	0	0.848	1605647	302938	74	185	4094		
291.9194	28:40	28:40	0	0.848	2056532	389856	102	255	3822	0.78(0.65-0.89)	
PCB-58											
289.9224	28:55	28:55	0	0.855	1801626	329558	74	185	4453		
291.9194	28:55	28:55	0	0.855	2230109	418057	102	255	4099	0.81(0.65-0.89)	
PCB-67											
289.9224	29:05	29:05	0	0.860	1915390	327904	74	185	4431		
291.9194	29:05	29:05	0	0.860	2476522	417914	102	255	4097	0.77(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-63											
289.9224	29:21	29:21	0	0.868	1521819	274398	74	185	3708		
291.9194	29:21	29:21	0	0.868	1970823	360031	102	255	3530	0.77(0.65-0.89)	
PCB-61											
289.9224	29:41	29:41	0	0.878	6735794	659891	74	185	8917		
291.9194	29:41	29:41	0	0.878	8648203	854939	102	255	8382	0.78(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:41	29:41	0	0.878	6735794	659891	74	185	8917		
291.9194	29:41	29:41	0	0.878	8648203	854939	102	255	8382	0.78(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:41	29:41	0	0.878	6735794	659891	74	185	8917		
291.9194	29:41	29:41	0	0.878	8648203	854939	102	255	8382	0.78(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:41	29:41	0	0.878	6735794	659891	74	185	8917		
291.9194	29:41	29:41	0	0.878	8648203	854939	102	255	8382	0.78(0.65-0.89)	
PCB-66											
289.9224	30:00	30:00	0	0.887	1727042	307961	74	185	4162		
291.9194	30:00	30:00	0	0.887	2183241	396478	102	255	3887	0.79(0.65-0.89)	
PCB-55											
289.9224	30:10	30:10	0	0.892	1787456	318032	74	185	4298		
291.9194	30:10	30:10	0	0.892	2284245	398702	102	255	3909	0.78(0.65-0.89)	
PCB-56											
289.9224	30:41	30:41	0	0.907	1696092	305908	74	185	4134		
291.9194	30:41	30:41	0	0.907	2127323	377170	102	255	3698	0.80(0.65-0.89)	
PCB-60											
289.9224	30:54	30:54	0	0.914	1468094	261348	74	185	3532		
291.9194	30:54	30:54	0	0.914	1880065	319736	102	255	3135	0.78(0.65-0.89)	
PCB-80											
289.9224	31:18	31:18	0	0.926	1697285	301605	74	185	4076		
291.9194	31:18	31:18	0	0.926	2194592	377414	102	255	3700	0.77(0.65-0.89)	
PCB-79											
289.9224	32:50	32:50	0	0.971	1936120	316415	74	185	4276		
291.9194	32:50	32:50	0	0.971	2400345	404567	102	255	3966	0.81(0.65-0.89)	
PCB-78											
289.9224	33:23	33:23	0	0.988	1698265	274738	74	185	3713		
291.9194	33:23	33:23	0	0.988	2145273	344742	102	255	3380	0.79(0.65-0.89)	
PCB-81											
289.9224	33:49	33:49	0	1.000	1357996	219670	74	185	2969		
291.9194	33:49	33:49	0	1.000	1703365	277876	102	255	2724	0.80(0.65-0.89)	
PCB-77											
289.9224	34:23	34:23	0	1.000	1508703	243943	74	185	3297		
291.9194	34:23	34:23	0	1.000	1846768	304907	102	255	2989	0.82(0.65-0.89)	
PCB-104L											
337.9207	25:49	25:49	0	0.813	2621849	530653	62	155	8559		
339.9178	25:49	25:49	0	0.813	1657542	331341	31	77	10688	1.58(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-95L											
337.9207	28:47	28:47	0	1.115	947505	183364	62	155	2957		
339.9178	28:47	28:47	0	1.115	595877	116741	31	77	3766	1.59(1.32-1.78)	
PCB-101L											
337.9207	31:44	31:44	0		2101279	398904	62	155	6434		
339.9178	31:44	31:44	0		1309340	249227	31	77	8040	1.60(1.32-1.78)	
PCB-111L											
337.9207	34:25	34:25	0	1.085	1384362	254577	62	155	4106		
339.9178	34:25	34:25	0	1.085	851432	163922	31	77	5288	1.63(1.32-1.78)	
PCB-123L											
337.9207	36:22	36:22	0	1.146	3655712	672822	1928	4820	349		
339.9178	36:22	36:22	0	1.146	2300018	416001	1314	3285	317	1.59(1.32-1.78)	
PCB-118L											
337.9207	36:41	36:41	0	1.156	3843886	712118	1928	4820	369		
339.9178	36:41	36:41	0	1.156	2457087	450091	1314	3285	343	1.56(1.32-1.78)	
PCB-114L											
337.9207	37:13	37:13	0	1.173	3738149	679115	1928	4820	352		
339.9178	37:13	37:13	0	1.173	2331178	431129	1314	3285	328	1.60(1.32-1.78)	
PCB-105L											
337.9207	37:52	37:52	0	1.194	3673655	671908	1928	4820	349		
339.9178	37:52	37:52	0	1.194	2311400	421018	1314	3285	320	1.59(1.32-1.78)	
PCB-127L											
337.9207	39:21	39:21	0		3827360	705275	1928	4820	366		
339.9178	39:21	39:21	0		2400051	440635	1314	3285	335	1.59(1.32-1.78)	
PCB-126L											
337.9207	40:58	40:58	0	1.291	3767972	641058	1928	4820	332		
339.9178	40:58	40:58	0	1.291	2330645	391646	1314	3285	298	1.62(1.32-1.78)	
PCB-104											
325.8804	25:50	25:50	0	1.001	1337862	265959	120	300	2216		
327.8775	25:50	25:50	0	1.001	839701	167116	54	135	3095	1.59(1.32-1.78)	
PCB-96											
325.8804	26:13	26:13	0	1.016	1539515	299069	120	300	2492		
327.8775	26:13	26:13	0	1.016	956227	187294	54	135	3468	1.61(1.32-1.78)	
PCB-103											
325.8804	28:09	28:09	0	1.091	1116491	223748	120	300	1865		
327.8775	28:09	28:09	0	1.091	704978	133471	54	135	2472	1.58(1.32-1.78)	
PCB-94											
325.8804	28:22	28:22	0	1.099	942867	178431	120	300	1487		
327.8775	28:22	28:22	0	1.099	611486	115147	54	135	2132	1.54(1.32-1.78)	
PCB-95											
325.8804	28:49	28:49	0	1.116	1040578	195711	120	300	1631		
327.8775	28:49	28:49	0	1.116	651429	125436	54	135	2323	1.60(1.32-1.78)	
PCB-93											
325.8804	29:02	29:02	0	1.125	2010367	366326	120	300	3053		
327.8775	29:02	29:02	0	1.125	1297649	236740	54	135	4384	1.55(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-100 (C93)											
325.8804	29:02	29:02	0	1.125	2010367	366326	120	300	3053		
327.8775	29:02	29:02	0	1.125	1297649	236740	54	135	4384	1.55(1.32-1.78)	
PCB-98											
325.8804	29:11	29:11	0	1.131	2373799	279767	120	300	2331		
327.8775	29:10	29:11	-1	1.130	1564842	172729	54	135	3199	1.52(1.32-1.78)	
PCB-102 (C98)											
325.8804	29:11	29:11	0	1.131	2373799	279767	120	300	2331		
327.8775	29:10	29:11	-1	1.130	1564842	172729	54	135	3199	1.52(1.32-1.78)	
PCB-88											
325.8804	29:40	29:40	0	1.150	2112441	212343	120	300	1770		
327.8775	29:40	29:40	0	1.150	1336107	139152	54	135	2577	1.58(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:40	29:40	0	1.150	2112441	212343	120	300	1770		
327.8775	29:40	29:40	0	1.150	1336107	139152	54	135	2577	1.58(1.32-1.78)	
PCB-84											
325.8804	29:54	29:54	0	1.159	937808	166235	120	300	1385		
327.8775	29:54	29:54	0	1.159	610685	111035	54	135	2056	1.54(1.32-1.78)	
PCB-89											
325.8804	30:22	30:22	0	1.177	1089403	198044	120	300	1650		
327.8775	30:22	30:22	0	1.177	676282	124927	54	135	2313	1.61(1.32-1.78)	
PCB-121											
325.8804	30:48	30:48	0	1.193	1645463	309393	120	300	2578		
327.8775	30:48	30:48	0	1.193	1028861	198063	54	135	3668	1.60(1.32-1.78)	
PCB-92											M
325.8804	31:10	31:10	0	0.857	1012113	190929	120	300	1591		M
327.8775	31:10	31:10	0	0.857	643318	119285	54	135	2209	1.57(1.32-1.78)	
PCB-90											
325.8804	31:44	31:44	0	1.229	3638774	492824	120	300	4107		
327.8775	31:44	31:44	0	1.229	2297763	316709	54	135	5865	1.58(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:44	31:44	0	1.229	3638774	492824	120	300	4107		
327.8775	31:44	31:44	0	1.229	2297763	316709	54	135	5865	1.58(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:44	31:44	0	1.229	3638774	492824	120	300	4107		
327.8775	31:44	31:44	0	1.229	2297763	316709	54	135	5865	1.58(1.32-1.78)	
PCB-83											
325.8804	32:20	32:20	0	1.253	2213810	267907	120	300	2233		
327.8775	32:20	32:20	0	1.253	1397416	172186	54	135	3189	1.58(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:20	32:20	0	1.253	2213810	267907	120	300	2233		
327.8775	32:20	32:20	0	1.253	1397416	172186	54	135	3189	1.58(1.32-1.78)	
PCB-112											
325.8804	32:27	32:27	0	1.257	1868657	322216	120	300	2685		
327.8775	32:27	32:27	0	1.257	1164928	200598	54	135	3715	1.60(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-86											M
325.8804	32:49	32:49	0	1.271	7948827	849527	120	300	7079		M
327.8775	32:49	32:49	0	1.271	5032020	526473	54	135	9750	1.58(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:49	32:49	0	1.271	7948827	849527	120	300	7079		M
327.8775	32:49	32:49	0	1.271	5032020	526473	54	135	9750	1.58(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:49	32:49	0	1.271	7948827	849527	120	300	7079		M
327.8775	32:49	32:49	0	1.271	5032020	526473	54	135	9750	1.58(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:49	32:49	0	1.271	7948827	849527	120	300	7079		M
327.8775	32:49	32:49	0	1.271	5032020	526473	54	135	9750	1.58(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:49	32:49	0	1.271	7948827	849527	120	300	7079		M
327.8775	32:49	32:49	0	1.271	5032020	526473	54	135	9750	1.58(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:49	32:49	0	1.271	7948827	849527	120	300	7079		M
327.8775	32:49	32:49	0	1.271	5032020	526473	54	135	9750	1.58(1.32-1.78)	M
PCB-85											
325.8804	33:33	33:33	0	1.300	3967957	475723	120	300	3964		
327.8775	33:33	33:33	0	1.300	2491866	299593	54	135	5548	1.59(1.32-1.78)	
PCB-116 (C85)											
325.8804	33:33	33:33	0	1.300	3967957	475723	120	300	3964		
327.8775	33:33	33:33	0	1.300	2491866	299593	54	135	5548	1.59(1.32-1.78)	
PCB-117 (C85)											
325.8804	33:33	33:33	0	1.300	3967957	475723	120	300	3964		
327.8775	33:33	33:33	0	1.300	2491866	299593	54	135	5548	1.59(1.32-1.78)	
PCB-110											
325.8804	33:46	33:46	0	1.309	3504456	404673	120	300	3372		
327.8775	33:46	33:46	0	1.309	2203460	249559	54	135	4621	1.59(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:46	33:46	0	1.309	3504456	404673	120	300	3372		
327.8775	33:46	33:46	0	1.309	2203460	249559	54	135	4621	1.59(1.32-1.78)	
PCB-82											
325.8804	34:02	34:02	0	1.319	1120233	198224	120	300	1652		
327.8775	34:02	34:02	0	1.319	708512	125718	54	135	2328	1.58(1.32-1.78)	
PCB-111											
325.8804	34:26	34:26	0	1.334	1536844	289612	120	300	2413		
327.8775	34:26	34:26	0	1.334	992739	182348	54	135	3377	1.55(1.32-1.78)	
PCB-120											
325.8804	34:54	34:54	0	1.352	2026571	369967	120	300	3083		
327.8775	34:54	34:54	0	1.352	1239788	221092	54	135	4094	1.63(1.32-1.78)	
PCB-108											
325.8804	36:02	36:02	0	1.396	4151590	732968	1299	3247	564		
327.8775	36:02	36:02	0	1.396	2596300	472657	822	2055	575	1.60(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-124 (C108)											
325.8804	36:02	36:02	0	1.396	4151590	732968	1299	3247	564		
327.8775	36:02	36:02	0	1.396	2596300	472657	822	2055	575	1.60(1.32-1.78)	
PCB-107											
325.8804	36:16	36:16	0	1.405	2210632	395476	1299	3247	304		
327.8775	36:16	36:16	0	1.405	1452711	255802	822	2055	311	1.52(1.32-1.78)	
PCB-123											
325.8804	36:23	36:23	0	1.001	1757810	350865	1299	3247	270		
327.8775	36:23	36:23	0	1.001	1146248	229611	822	2055	279	1.53(1.32-1.78)	
PCB-106											
325.8804	36:30	36:30	0	1.004	2220990	396545	1299	3247	305		
327.8775	36:30	36:30	0	1.004	1433739	256627	822	2055	312	1.55(1.32-1.78)	
PCB-118											
325.8804	36:43	36:43	0	1.001	2028548	344422	1299	3247	265		
327.8775	36:43	36:43	0	1.001	1299724	223979	822	2055	272	1.56(1.32-1.78)	
PCB-122											
325.8804	37:03	37:03	0	1.010	1680418	312170	1299	3247	240		
327.8775	37:03	37:03	0	1.010	1045336	196823	822	2055	239	1.61(1.32-1.78)	
PCB-114											
325.8804	37:15	37:15	0	1.001	1955207	332708	1299	3247	256		
327.8775	37:15	37:15	0	1.001	1272439	219897	822	2055	268	1.54(1.32-1.78)	
PCB-105											
325.8804	37:53	37:53	0	1.000	1977648	331856	1299	3247	255		
327.8775	37:54	37:53	1	1.001	1237850	212125	822	2055	258	1.60(1.32-1.78)	
PCB-127											
325.8804	39:22	39:22	0	1.040	2144018	366120	1299	3247	282		
327.8775	39:22	39:22	0	1.040	1367751	239214	822	2055	291	1.57(1.32-1.78)	
PCB-126											
325.8804	40:58	40:58	0	1.000	2154380	337055	1299	3247	259		
327.8775	40:59	40:58	1	1.001	1392432	213611	822	2055	260	1.55(1.32-1.78)	
PCB-155L											
371.8817	31:29	31:29	0	0.791	2247353	429591	29	72	14813		
373.8788	31:29	31:29	0	0.791	1779854	340662	59	147	5774	1.26(1.05-1.43)	
PCB-153L											
371.8817	38:34	38:34	0	0.901	1282588	238897	644	1610	371		
373.8788	38:33	38:34	-1	0.901	1000505	184123	730	1825	252	1.28(1.05-1.43)	
PCB-138L											
371.8817	39:49	39:49	0		2590720	476027	644	1610	739		
373.8788	39:48	39:49	-1		2010865	377742	730	1825	517	1.29(1.05-1.43)	
PCB-167L											
371.8817	42:49	42:49	0	1.075	3167728	567487	644	1610	881		
373.8788	42:49	42:49	0	1.075	2510269	454081	730	1825	622	1.26(1.05-1.43)	
PCB-156L											
371.8817	43:58	43:58	0	1.104	6327941	816686	644	1610	1268		
373.8788	43:58	43:58	0	1.104	4993011	641350	730	1825	879	1.27(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-157L (C156L)											
371.8817	43:58	43:58	0	1.104	6327941	816686	644	1610	1268		
373.8788	43:58	43:58	0	1.104	4993011	641350	730	1825	879	1.27(1.05-1.43)	
PCB-169L											
371.8817	47:13	47:13	0	1.186	3207901	528595	644	1610	821		
373.8788	47:12	47:13	-1	1.185	2489875	423422	730	1825	580	1.29(1.05-1.43)	
PCB-155											
359.8415	31:31	31:31	0	1.001	1009649	195820	30	75	6527		
361.8385	31:31	31:31	0	1.001	820507	162974	43	107	3790	1.23(1.05-1.43)	
PCB-152											
359.8415	31:43	31:43	0	1.007	1249254	239225	30	75	7974		
361.8385	31:43	31:43	0	1.007	1002521	193636	43	107	4503	1.25(1.05-1.43)	
PCB-150											
359.8415	31:53	31:53	0	1.013	1119634	213159	30	75	7105		
361.8385	31:53	31:53	0	1.013	884168	168058	43	107	3908	1.27(1.05-1.43)	
PCB-136											
359.8415	32:14	32:14	0	1.024	1065633	193200	30	75	6440		
361.8385	32:14	32:14	0	1.024	838057	150879	43	107	3509	1.27(1.05-1.43)	
PCB-145											
359.8415	32:33	32:33	0	1.034	1201127	224152	30	75	7472		
361.8385	32:33	32:33	0	1.034	969077	177643	43	107	4131	1.24(1.05-1.43)	
PCB-148											
359.8415	34:03	34:03	0	1.082	837473	157685	30	75	5256		
361.8385	34:03	34:03	0	1.082	651362	120897	43	107	2812	1.29(1.05-1.43)	
PCB-135											M
359.8415	34:39	34:39	0	1.101	1699784	193253	30	75	6442		
361.8385	34:42	34:39	3	1.102	1334241	152711	43	107	3551	1.27(1.05-1.43)	M
PCB-151 (C135)											M
359.8415	34:39	34:39	0	1.101	1699784	193253	30	75	6442		
361.8385	34:42	34:39	3	1.102	1334241	152711	43	107	3551	1.27(1.05-1.43)	M
PCB-154											
359.8415	34:54	34:54	0	1.108	952425	181691	30	75	6056		
361.8385	34:54	34:54	0	1.108	765518	139995	43	107	3256	1.24(1.05-1.43)	
PCB-144											
359.8415	35:12	35:12	0	1.118	884502	165831	30	75	5528		
361.8385	35:13	35:12	1	1.119	691170	127545	43	107	2966	1.28(1.05-1.43)	
PCB-147											
359.8415	35:34	35:34	0	1.130	2759738	516991	675	1687	766		
361.8385	35:34	35:34	0	1.130	2188491	417581	476	1190	877	1.26(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:34	35:34	0	1.130	2759738	516991	675	1687	766		
361.8385	35:34	35:34	0	1.130	2188491	417581	476	1190	877	1.26(1.05-1.43)	
PCB-134											
359.8415	35:52	35:52	0	1.139	2252856	226322	675	1687	335		
361.8385	35:53	35:52	1	1.139	1792643	183111	476	1190	385	1.26(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-143 (C134)											
359.8415	35:52	35:52	0	1.139	2252856	226322	675	1687	335		
361.8385	35:53	35:52	1	1.139	1792643	183111	476	1190	385	1.26(1.05-1.43)	
PCB-139											
359.8415	36:10	36:10	0	1.149	2668675	465289	675	1687	689		
361.8385	36:10	36:10	0	1.149	2121032	370933	476	1190	779	1.26(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:10	36:10	0	1.149	2668675	465289	675	1687	689		
361.8385	36:10	36:10	0	1.149	2121032	370933	476	1190	779	1.26(1.05-1.43)	
PCB-131											
359.8415	36:22	36:22	0	1.155	1076603	195674	675	1687	290		
361.8385	36:22	36:22	0	1.155	893018	160835	476	1190	338	1.21(1.05-1.43)	
PCB-142											
359.8415	36:31	36:31	0	1.160	1117546	209000	675	1687	310		
361.8385	36:31	36:31	0	1.160	910899	166443	476	1190	350	1.23(1.05-1.43)	
PCB-132											
359.8415	36:50	36:50	0	1.170	1145301	208422	675	1687	309		
361.8385	36:50	36:50	0	1.170	909847	164144	476	1190	345	1.26(1.05-1.43)	
PCB-133											
359.8415	37:20	37:20	0	1.186	1230299	223439	675	1687	331		
361.8385	37:20	37:20	0	1.186	981513	184185	476	1190	387	1.25(1.05-1.43)	
PCB-165											
359.8415	37:44	37:44	0	0.881	1453403	267921	675	1687	397		
361.8385	37:44	37:44	1	0.882	1198109	217023	476	1190	456	1.21(1.05-1.43)	
PCB-146											
359.8415	37:59	37:59	0	0.887	1440408	274077	675	1687	406		
361.8385	37:59	37:59	0	0.887	1168868	223984	476	1190	471	1.23(1.05-1.43)	
PCB-161											
359.8415	38:07	38:07	0	0.890	1797730	332224	675	1687	492		
361.8385	38:07	38:07	0	0.890	1443460	268653	476	1190	564	1.25(1.05-1.43)	
PCB-153											
359.8415	38:37	38:37	0	0.902	3205628	445402	675	1687	660		
361.8385	38:36	38:37	-1	0.902	2581334	360514	476	1190	757	1.24(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:37	38:37	0	0.902	3205628	445402	675	1687	660		
361.8385	38:36	38:37	-1	0.902	2581334	360514	476	1190	757	1.24(1.05-1.43)	
PCB-141											
359.8415	38:47	38:47	0	0.906	1272452	223627	675	1687	331		
361.8385	38:47	38:47	1	0.906	1027518	176484	476	1190	371	1.24(1.05-1.43)	
PCB-130											
359.8415	39:12	39:12	0	0.916	1016529	187995	675	1687	279		
361.8385	39:11	39:12	-1	0.915	809906	152092	476	1190	320	1.26(1.05-1.43)	
PCB-137											
359.8415	39:25	39:25	0	0.921	1217451	221375	675	1687	328		
361.8385	39:25	39:25	0	0.921	982144	181795	476	1190	382	1.24(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-164											
359.8415	39:32	39:32	0	0.924	1770028	337164	675	1687	500		
361.8385	39:32	39:32	0	0.924	1409010	264765	476	1190	556	1.26(1.05-1.43)	
PCB-129											M
359.8415	39:51	39:51	0	0.931	5741368	616283	675	1687	913		M
361.8385	39:51	39:51	0	0.931	4496853	471252	476	1190	990	1.28(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:51	39:51	0	0.931	5741368	616283	675	1687	913		M
361.8385	39:51	39:51	0	0.931	4496853	471252	476	1190	990	1.28(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:51	39:51	0	0.931	5741368	616283	675	1687	913		M
361.8385	39:51	39:51	0	0.931	4496853	471252	476	1190	990	1.28(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:51	39:51	0	0.931	5741368	616283	675	1687	913		M
361.8385	39:51	39:51	0	0.931	4496853	471252	476	1190	990	1.28(1.05-1.43)	M
PCB-158											
359.8415	40:13	40:13	0	0.940	1808238	321630	675	1687	476		
361.8385	40:13	40:13	0	0.940	1447017	255493	476	1190	537	1.25(1.05-1.43)	
PCB-128											
359.8415	41:05	41:05	0	0.959	3116463	485533	675	1687	719		
361.8385	41:04	41:05	-1	0.959	2532145	391226	476	1190	822	1.23(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:05	41:05	0	0.959	3116463	485533	675	1687	719		
361.8385	41:04	41:05	-1	0.959	2532145	391226	476	1190	822	1.23(1.05-1.43)	
PCB-159											
359.8415	42:05	42:05	0	0.983	2026070	370432	675	1687	549		
361.8385	42:05	42:05	0	0.983	1613226	292715	476	1190	615	1.26(1.05-1.43)	
PCB-162											
359.8415	42:22	42:22	0	0.990	1869009	336448	675	1687	498		
361.8385	42:22	42:22	0	0.990	1476681	258276	476	1190	543	1.27(1.05-1.43)	
PCB-167											
359.8415	42:50	42:50	0	1.001	1704989	308031	675	1687	456		
361.8385	42:50	42:50	0	1.001	1367950	247102	476	1190	519	1.25(1.05-1.43)	
PCB-156											
359.8415	44:00	44:00	0	1.001	3264683	423809	675	1687	628		
361.8385	44:00	44:00	0	1.001	2637060	344364	476	1190	723	1.24(1.05-1.43)	
PCB-157 (C156)											
359.8415	44:00	44:00	0	1.001	3264683	423809	675	1687	628		
361.8385	44:00	44:00	0	1.001	2637060	344364	476	1190	723	1.24(1.05-1.43)	
PCB-169											
359.8415	47:14	47:14	0	1.000	1935492	313777	675	1687	465		
361.8385	47:14	47:14	0	1.000	1522934	245611	476	1190	516	1.27(1.05-1.43)	
PCB-188L											
405.8428	37:13	37:13	0	0.820	2363881	445627	62	155	7188		
407.8398	37:13	37:13	0	0.820	2243258	423889	96	240	4416	1.05(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-178L											
405.8428	40:17	40:17	0	0.888	880841	169251	62	155	2730		
407.8398	40:17	40:17	0	0.888	847004	156993	96	240	1635	1.04(0.89-1.21)	
PCB-180L											
405.8428	45:22	45:22	0		1893575	359041	62	155	5791		
407.8398	45:22	45:22	0		1774060	336698	96	240	3507	1.07(0.89-1.21)	
PCB-170L											
405.8428	46:36	46:36	0	1.028	1550074	282297	62	155	4553		
407.8398	46:36	46:36	0	1.028	1475429	266913	96	240	2780	1.05(0.89-1.21)	
PCB-189L											
405.8428	49:44	49:44	0	1.096	3383613	596303	2073	5182	288		
407.8398	49:44	49:44	0	1.096	3190122	555660	1853	4632	300	1.06(0.89-1.21)	
PCB-188											
393.8025	37:15	37:15	0	1.001	1269802	246730	65	162	3796		
395.7995	37:15	37:15	0	1.001	1190479	224593	54	135	4159	1.07(0.89-1.21)	
PCB-179											
393.8025	37:35	37:35	0	1.010	1409302	265397	65	162	4083		
395.7995	37:35	37:35	0	1.010	1336227	252999	54	135	4685	1.05(0.89-1.21)	
PCB-184											
393.8025	38:06	38:06	0	1.024	1314199	249158	65	162	3833		
395.7995	38:06	38:06	0	1.024	1231154	230316	54	135	4265	1.07(0.89-1.21)	
PCB-176											
393.8025	38:28	38:28	0	1.034	1219518	222757	65	162	3427		
395.7995	38:28	38:28	0	1.034	1170710	211031	54	135	3908	1.04(0.89-1.21)	
PCB-186											
393.8025	38:55	38:55	0	1.046	1464284	270927	65	162	4168		
395.7995	38:55	38:55	0	1.046	1410898	258540	54	135	4788	1.04(0.89-1.21)	
PCB-178											
393.8025	40:18	40:18	0	1.083	936302	171948	65	162	2645		
395.7995	40:18	40:18	0	1.083	878939	162285	54	135	3005	1.07(0.89-1.21)	
PCB-175											
393.8025	40:56	40:56	0	1.100	943507	174644	65	162	2687		
395.7995	40:56	40:56	0	1.100	883267	158069	54	135	2927	1.07(0.89-1.21)	
PCB-187											
393.8025	41:12	41:12	0	1.107	1153163	212933	65	162	3276		
395.7995	41:12	41:12	0	1.107	1118347	208424	54	135	3860	1.03(0.89-1.21)	
PCB-182											
393.8025	41:24	41:24	0	1.113	1149801	216469	65	162	3330		
395.7995	41:24	41:24	0	1.113	1091828	197165	54	135	3651	1.05(0.89-1.21)	
PCB-183											Ma
393.8025	41:48	41:48	0	1.123	1974397	200084	65	162	3078		M
395.7995	41:48	41:48	0	1.123	1863638	186320	54	135	3450	1.06(0.89-1.21)	
PCB-185 (C183)											Ma
393.8025	41:48	41:48	0	1.123	1974397	200084	65	162	3078		M
395.7995	41:48	41:48	0	1.123	1863638	186320	54	135	3450	1.06(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-174											
393.8025	42:03	42:03	0	1.130	1023937	187051	65	162	2878		
395.7995	42:03	42:03	0	1.130	982953	179327	54	135	3321	1.04(0.89-1.21)	
PCB-177											
393.8025	42:29	42:29	0	1.142	1004825	184551	65	162	2839		
395.7995	42:29	42:29	0	1.142	955825	171515	54	135	3176	1.05(0.89-1.21)	
PCB-181											
393.8025	42:53	42:53	0	1.152	1070054	198507	65	162	3054		
395.7995	42:53	42:53	0	1.152	1001770	186958	54	135	3462	1.07(0.89-1.21)	
PCB-171											
393.8025	43:05	43:05	0	1.158	1851781	301167	65	162	4633		
395.7995	43:05	43:05	0	1.158	1755491	284809	54	135	5274	1.05(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:05	43:05	0	1.158	1851781	301167	65	162	4633		
395.7995	43:05	43:05	0	1.158	1755491	284809	54	135	5274	1.05(0.89-1.21)	
PCB-172											
393.8025	44:44	44:44	0	0.899	939478	170222	65	162	2619		
395.7995	44:44	44:44	0	0.899	888551	155614	54	135	2882	1.06(0.89-1.21)	
PCB-192											
393.8025	45:00	45:00	0	0.905	1422910	259051	65	162	3985		
395.7995	45:00	45:00	0	0.905	1373436	252604	54	135	4678	1.04(0.89-1.21)	
PCB-180											
393.8025	45:21	45:21	0	0.912	2386987	321557	65	162	4947		
395.7995	45:22	45:21	1	0.912	2249287	297682	54	135	5513	1.06(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:21	45:21	0	0.912	2386987	321557	65	162	4947		
395.7995	45:22	45:21	1	0.912	2249287	297682	54	135	5513	1.06(0.89-1.21)	
PCB-191											
393.8025	45:44	45:44	0	0.920	1284384	230151	65	162	3541		
395.7995	45:44	45:44	0	0.920	1222072	219708	54	135	4069	1.05(0.89-1.21)	
PCB-170											
393.8025	46:38	46:38	0	0.938	891822	154728	65	162	2380		
395.7995	46:38	46:38	0	0.938	839173	151203	54	135	2800	1.06(0.89-1.21)	
PCB-190											
393.8025	47:10	47:10	0	0.948	1276587	226268	65	162	3481		
395.7995	47:10	47:10	0	0.948	1224248	210285	54	135	3894	1.04(0.89-1.21)	
PCB-189											
393.8025	49:45	49:45	0	1.001	1618431	280565	339	847	828		
395.7995	49:45	49:45	0	1.001	1602945	285949	230	575	1243	1.01(0.89-1.21)	
PCB-202L											
439.8038	42:35	42:35	0	0.822	1788547	329152	91	227	3617		
441.8008	42:35	42:35	0	0.822	1986644	368622	105	262	3511	0.90(0.76-1.02)	
PCB-194L											
439.8038	51:50	51:50	0		2179695	384258	1236	3090	311		
441.8008	51:50	51:50	0		2416680	431714	1484	3710	291	0.90(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-205L											
439.8038	52:19	52:19	0	1.009	2644937	480075	1236	3090	388		
441.8008	52:19	52:19	0	1.009	2933612	541160	1484	3710	365	0.90(0.76-1.02)	
PCB-202											
427.7635	42:37	42:37	0	1.001	866336	156277	80	200	1953		
429.7606	42:37	42:37	0	1.001	994894	186920	42	105	4450	0.87(0.76-1.02)	
PCB-201											
427.7635	43:32	43:32	0	1.022	856621	162013	80	200	2025		
429.7606	43:32	43:32	0	1.022	935703	172705	42	105	4112	0.92(0.76-1.02)	
PCB-204											
427.7635	44:12	44:12	0	1.038	966506	178852	80	200	2236		
429.7606	44:11	44:12	-1	1.038	1068774	199267	42	105	4744	0.90(0.76-1.02)	
PCB-197											
427.7635	44:26	44:26	0	1.043	1000668	172658	80	200	2158		
429.7606	44:26	44:26	0	1.043	1025404	194843	42	105	4639	0.98(0.76-1.02)	
PCB-200											
427.7635	44:32	44:32	0	1.046	827839	161742	80	200	2022		
429.7606	44:32	44:32	0	1.046	1005639	181257	42	105	4316	0.82(0.76-1.02)	
PCB-198											
427.7635	47:19	47:19	0	1.111	1500359	188863	80	200	2361		
429.7606	47:19	47:19	0	1.111	1674599	212176	42	105	5052	0.90(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:19	47:19	0	1.111	1500359	188863	80	200	2361		
429.7606	47:19	47:19	0	1.111	1674599	212176	42	105	5052	0.90(0.76-1.02)	
PCB-196											
427.7635	48:00	48:00	0	0.918	681212	121847	80	200	1523		
429.7606	48:00	48:00	0	0.918	754017	137441	42	105	3272	0.90(0.76-1.02)	
PCB-203											
427.7635	48:12	48:12	0	0.921	839094	156165	80	200	1952		
429.7606	48:11	48:12	-1	0.921	926390	163429	42	105	3891	0.91(0.76-1.02)	
PCB-195											
427.7635	49:31	49:31	0	0.946	1128631	208563	202	505	1032		
429.7606	49:31	49:31	0	0.946	1269204	226565	293	732	773	0.89(0.76-1.02)	
PCB-194											
427.7635	51:52	51:52	0	0.991	1225856	219112	202	505	1085		
429.7606	51:52	51:52	0	0.991	1379910	251432	293	732	858	0.89(0.76-1.02)	
PCB-205											
427.7635	52:20	52:20	0	1.000	1444462	256026	202	505	1267		
429.7606	52:20	52:20	1	1.000	1636796	284299	293	732	970	0.88(0.76-1.02)	
PCB-208L											
473.7648	49:15	49:15	0	0.950	2252240	411741	1160	2900	355		
475.7619	49:15	49:15	0	0.950	2817981	511041	1648	4120	310	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:04	54:04	0	1.043	1599847	289470	1160	2900	250		
475.7619	54:04	54:04	0	1.043	1940559	353138	1648	4120	214	0.82(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-208											
461.7246	49:18	49:18	0	1.001	1127743	201681	170	425	1186		
463.7216	49:17	49:18	-1	1.001	1447277	266351	1180	2950	226	0.78(0.65-0.89)	
PCB-207											
461.7246	50:13	50:13	0	1.019	1178636	208949	170	425	1229		
463.7216	50:13	50:13	0	1.019	1490889	270033	1180	2950	229	0.79(0.65-0.89)	
PCB-206											
461.7246	54:05	54:05	0	1.000	969635	173502	170	425	1021		
463.7216	54:05	54:05	0	1.000	1245219	214540	1180	2950	182	0.78(0.65-0.89)	
PCB-209L											
507.7258	55:42	55:42	0	1.075	1610868	274342	101	252	2716		
509.7229	55:42	55:42	0	1.075	2247767	377547	76	190	4968	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:44	55:44	0	1.000	799837	130641	97	242	1347		
497.6826	55:44	55:44	0	1.000	1129562	188279	83	207	2268	0.71(0.59-0.79)	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

61CV1668CS3_00016 Amount Added: 20.00 Units: uL

Report Date: 03-Jan-2024 19:05:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
CCV Relative RT Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Lims ID: WDMCCV
Client ID:
Sample Type: WDMCCV
Inject. Date: 03-Jan-2024 14:42:00 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 03-Jan-2024 19:05:17 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 03-Jan-2024 19:05:17

Start Cal Date: 08-Oct-2021 11:14:00
End Cal Date: 08-Oct-2021 16:58:00

Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-1L		11:46	11:44	-2	15	0.7284	0.7281	0.717 - 0.7472
PCB-3L		13:56	13:54	-2	15	0.8630	0.8628	0.849 - 0.8798
PCB-1	L	11:47	11:44	-2		1.0011	1.0011	0.995 - 1.0085
PCB-2		13:47	13:43	-3		0.9877	0.9877	0.985 - 0.9925
PCB-3	L	13:58	13:54	-3		1.0009	1.0009	0.998 - 1.0048
PCB-4L		14:12	14:08	-3	15	0.8793	0.8775	0.865 - 0.8956
PCB-9L		16:09	16:06	-2		1.0000	1.0000	0.987 - 1.0128
PCB-8L		16:59	16:57	-2		1.1966	*1.1991	1.192 - 1.1989
PCB-15L		20:05	20:02	-2	15	1.2439	1.2441	1.233 - 1.2530
PCB-4	L	14:12	14:09	-3		1.0009	1.0019	0.994 - 1.0058
PCB-10		14:22	14:20	-2		1.0121	1.0140	1.010 - 1.0168
PCB-9		16:09	16:07	-2		1.1382	1.1405	1.135 - 1.1415
PCB-7		16:19	16:17	-1		1.1493	1.1526	1.147 - 1.1538
PCB-6		16:34	16:31	-2		1.1670	1.1693	1.164 - 1.1706
PCB-5		16:53	16:49	-3		1.1892	1.1907	1.186 - 1.1926
PCB-8		17:00	16:57	-2		1.1976	1.2000	1.194 - 1.2008
PCB-14		18:36	18:35	-1		0.9266	0.9278	0.926 - 0.9305
PCB-11		19:28	19:26	-1		0.9692	0.9698	0.968 - 0.9725
PCB-12/13		19:45	19:44	-1		0.9836	0.9849	0.983 - 0.9875
PCB-15	L	20:05	20:03	-2		1.0007	1.0007	0.997 - 1.0050
PCB-19L		17:18	17:14	-4	15	0.8423	0.8409	0.831 - 0.8547
PCB-32L		20:32	20:29	-2		1.0000	1.0000	0.998 - 1.0024
PCB-31L		22:48	22:45	-2		1.0000	1.0000	0.998 - 1.0022
PCB-28L		23:06	23:03	-2		1.0129	1.0129	1.006 - 1.0201
PCB-37L		27:08	27:04	-4	15	1.1899	1.1893	1.178 - 1.1995

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Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-19	L	17:19	17:16	-3		1.0008	1.0015	0.996 - 1.0058
PCB-18/30		19:06	19:06	0		1.1043	1.1083	1.104 - 1.1093
PCB-17		19:35	19:32	-2		1.1317	1.1335	1.129 - 1.1352
PCB-27		19:48	19:45	-2		1.1446	1.1465	1.141 - 1.1471
PCB-24		19:55	19:53	-1		1.1515	1.1541	1.148 - 1.1542
PCB-16		20:03	20:00	-3		1.1591	1.1602	1.156 - 1.1621
PCB-32		20:34	20:30	-3		1.1887	1.1900	1.185 - 1.1908
PCB-34		21:48	21:46	-1		1.2605	*1.2636	1.257 - 1.2623
PCB-23		21:57	21:56	-1		1.2687	*1.2725	1.266 - 1.2715
PCB-26/29		22:16	22:15	-1		1.2872	1.2911	1.282 - 1.2915
PCB-25		22:31	22:28	-2		0.8296	0.8300	0.829 - 0.8325
PCB-31		22:49	22:47	-2		0.8409	0.8418	0.840 - 0.8438
PCB-20/28		23:07	23:05	-1		0.8517	0.8531	0.851 - 0.8568
PCB-21/33		23:17	23:15	-2		0.8584	0.8592	0.858 - 0.8637
PCB-22		23:46	23:42	-3		0.8758	0.8758	0.875 - 0.8786
PCB-36		25:18	25:16	-2		0.9325	0.9334	0.932 - 0.9352
PCB-39		25:40	25:38	-2		0.9462	0.9471	0.945 - 0.9483
PCB-38		26:15	26:12	-2		0.9674	0.9684	0.966 - 0.9695
PCB-35		26:44	26:40	-4		0.9854	0.9854	0.984 - 0.9875
PCB-37	L	27:09	27:05	-4		1.0005	1.0005	0.999 - 1.0024
PCB-54L		20:24	20:19	-4	15	0.8179	0.8168	0.811 - 0.8247
PCB-52L		24:56	24:53	-3		1.0000	1.0000	0.992 - 1.0083
PCB-79L		32:52	32:48	-4		0.9701	0.9701	0.969 - 0.9718
PCB-81L		33:53	33:49	-4	15	1.3592	1.3592	1.351 - 1.3641
PCB-77L		34:27	34:22	-5	15	1.3823	1.3819	1.373 - 1.3867
PCB-54	L	20:24	20:20	-4		1.0000	1.0000	0.996 - 1.0041
PCB-50/53		22:34	22:31	-2		1.1064	1.1080	1.102 - 1.1106
PCB-45/51		23:18	23:15	-3		1.1428	1.1438	1.137 - 1.1453
PCB-46		23:34	23:29	-4		1.1554	1.1558	1.153 - 1.1576
PCB-52		24:57	24:54	-3		1.2238	1.2256	1.222 - 1.2263
PCB-43/73		25:06	25:03	-3		1.2307	1.2325	1.230 - 1.2346
PCB-49/69		25:22	25:22	0		1.2439	1.2483	1.242 - 1.2499
PCB-48		25:43	25:40	-3		1.2615	1.2634	1.259 - 1.2636
PCB-44/47/65		25:57	25:55	-2		1.2728	1.2753	1.269 - 1.2770
PCB-59/62/75		26:16	26:14	-1		1.2879	1.2910	1.284 - 1.2919
PCB-42		26:30	26:25	-4		1.2992	1.3005	1.296 - 1.3007
PCB-40/41/71		26:59	26:55	-4		1.3237	1.3250	1.317 - 1.3250
PCB-64		27:12	27:08	-3		1.3338	*1.3357	1.331 - 1.3355
PCB-72		28:01	27:58	-2		0.8268	0.8272	0.826 - 0.8291
PCB-68		28:18	28:15	-2		0.8352	0.8355	0.835 - 0.8375
PCB-57		28:43	28:40	-2		0.8476	0.8480	0.847 - 0.8500
PCB-58		28:59	28:55	-3		0.8552	0.8552	0.854 - 0.8574
PCB-67		29:08	29:05	-2		0.8597	0.8601	0.859 - 0.8620
PCB-63		29:24	29:21	-2		0.8677	0.8680	0.866 - 0.8694
PCB-61/70/74/76		29:44	29:41	-2		0.8775	0.8779	0.875 - 0.8810
PCB-66		30:04	30:00	-3		0.8873	0.8873	0.886 - 0.8894

Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-55		30:15	30:10	-4		0.8926	0.8922	0.891 - 0.8943
PCB-56		30:45	30:41	-4		0.9077	0.9074	0.907 - 0.9098
PCB-60		30:58	30:54	-3		0.9138	0.9138	0.913 - 0.9158
PCB-80		31:21	31:18	-2		0.9251	0.9259	0.924 - 0.9268
PCB-79		32:54	32:50	-4		0.9709	0.9709	0.970 - 0.9726
PCB-78		33:28	33:23	-4		0.9875	0.9875	0.986 - 0.9890
PCB-81	T	33:54	33:49	-4		1.0008	1.0004	0.999 - 1.0020
PCB-77	T/L	34:29	34:23	-5		1.0007	1.0004	0.999 - 1.0019
PCB-104L		25:53	25:49	-4	15	0.8142	0.8134	0.810 - 0.8199
PCB-95L		28:52	28:47	-4		1.1153	1.1154	1.112 - 1.1179
PCB-101L		31:47	31:44	-3		1.0000	1.0000	0.994 - 1.0065
PCB-111L		34:27	34:25	-2		1.0842	1.0846	1.079 - 1.0891
PCB-123L		36:26	36:22	-4	15	1.1463	1.1461	1.141 - 1.1511
PCB-118L		36:46	36:41	-4	15	1.1567	1.1564	1.151 - 1.1614
PCB-114L		37:17	37:13	-4	15	1.1733	1.1730	1.168 - 1.1780
PCB-105L		37:57	37:52	-5	15	1.1944	1.1937	1.188 - 1.1989
PCB-127L		39:25	39:21	-4		1.0000	1.0000	0.995 - 1.0053
PCB-126L		41:03	40:58	-5	15	1.2917	1.2910	1.285 - 1.2956
PCB-104	L	25:54	25:50	-4		1.0010	1.0010	0.998 - 1.0039
PCB-96		26:18	26:13	-4		1.0163	1.0159	1.013 - 1.0195
PCB-103		28:11	28:09	-2		1.0891	1.0907	1.087 - 1.0912
PCB-94		28:26	28:22	-3		1.0985	1.0991	1.097 - 1.1003
PCB-95		28:53	28:49	-4		1.1163	1.1164	1.113 - 1.1193
PCB-93/100		29:05	29:02	-2		1.1238	1.1248	1.120 - 1.1267
PCB-98/102		29:15	29:11	-3		1.1302	1.1308	1.127 - 1.1336
PCB-88/91		29:45	29:40	-4		1.1495	1.1496	1.143 - 1.1505
PCB-84		29:59	29:54	-5		1.1589	1.1585	1.157 - 1.1603
PCB-89		30:27	30:22	-4		1.1767	1.1768	1.175 - 1.1786
PCB-121		30:49	30:48	-1		1.1911	*1.1932	1.188 - 1.1922
PCB-92		31:13	31:10	-3		0.8569	0.8571	0.856 - 0.8589
PCB-90/101/113		31:47	31:44	-3		1.2282	1.2293	1.224 - 1.2307
PCB-83/99		32:23	32:20	-3		1.2515	*1.2526	1.245 - 1.2525
PCB-112		32:30	32:27	-3		1.2560	1.2571	1.254 - 1.2574
PCB-86/87/97/109/119/125		32:51	32:49	-1		1.2693	1.2715	1.265 - 1.2756
PCB-85/116/117		33:36	33:33	-3		1.2985	1.2997	1.293 - 1.3007
PCB-110/115		33:49	33:46	-2		1.3069	1.3086	1.303 - 1.3092
PCB-82		34:07	34:02	-5		1.3188	1.3190	1.316 - 1.3194
PCB-111		34:29	34:26	-2		1.3327	*1.3344	1.329 - 1.3330
PCB-120		34:56	34:54	-2		1.3500	*1.3522	1.348 - 1.3514
PCB-108/124		36:05	36:02	-3		1.3947	1.3962	1.390 - 1.3967
PCB-107		36:20	36:16	-4		1.4044	*1.4054	1.401 - 1.4049
PCB-123	T	36:27	36:23	-4		1.0007	1.0007	1.000 - 1.0023
PCB-106		36:35	36:30	-4		1.0040	1.0040	1.003 - 1.0057
PCB-118	T	36:47	36:43	-4		1.0007	1.0007	0.999 - 1.0019
PCB-122		37:09	37:03	-5		1.0104	1.0100	1.009 - 1.0117
PCB-114	T	37:19	37:15	-4		1.0007	1.0007	0.999 - 1.0018

Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-105	T	37:59	37:53	-5		1.0007	1.0003	0.999 - 1.0018
PCB-127		39:27	39:22	-4		1.0392	1.0395	1.037 - 1.0399
PCB-126	T/L	41:05	40:58	-6		1.0006	1.0003	1.000 - 1.0016
PCB-155L		31:31	31:29	-1	15	0.7899	0.7907	0.787 - 0.7951
PCB-153L		38:38	38:34	-3		0.9006	0.9009	0.899 - 0.9028
PCB-138L		39:54	39:49	-4		1.0000	1.0000	0.979 - 1.0208
PCB-167L		42:54	42:49	-4	15	1.0752	1.0752	1.071 - 1.0792
PCB-156L/157L		44:05	43:58	-6	15	1.1049	1.1043	1.100 - 1.1084
PCB-169L		47:18	47:13	-5	15	1.1857	1.1858	1.184 - 1.1864
PCB-155	L	31:32	31:31	-1		1.0008	1.0008	0.998 - 1.0031
PCB-152		31:47	31:43	-4		1.0085	1.0073	1.006 - 1.0096
PCB-150		31:56	31:53	-3		1.0134	1.0126	1.011 - 1.0144
PCB-136		32:20	32:14	-5		1.0260	1.0240	1.024 - 1.0268
PCB-145		32:36	32:33	-3		1.0346	1.0337	1.033 - 1.0358
PCB-148		34:05	34:03	-1		1.0817	1.0816	1.080 - 1.0830
PCB-135/151		34:46	34:39	-6		1.1032	1.1007	1.099 - 1.1038
PCB-154		34:56	34:54	-2		1.1085	1.1084	1.106 - 1.1107
PCB-144		35:16	35:12	-3		1.1191	1.1182	1.117 - 1.1199
PCB-147/149		35:38	35:34	-3		1.1307	1.1299	1.127 - 1.1326
PCB-134/143		35:57	35:52	-4		1.1407	1.1391	1.136 - 1.1409
PCB-139/140		36:13	36:10	-3		1.1494	1.1487	1.146 - 1.1515
PCB-131		36:27	36:22	-4		1.1566	1.1553	1.154 - 1.1571
PCB-142		36:35	36:31	-4		1.1611	1.1599	1.159 - 1.1621
PCB-132		36:55	36:50	-5		1.1716	1.1700	1.168 - 1.1728
PCB-133		37:24	37:20	-3		1.1866	1.1858	1.184 - 1.1872
PCB-165		37:46	37:44	-2		0.8806	0.8812	0.880 - 0.8825
PCB-146		38:02	37:59	-3		0.8868	0.8871	0.886 - 0.8882
PCB-161		38:09	38:07	-2		0.8895	0.8901	0.889 - 0.8914
PCB-153/168		38:40	38:37	-2		0.9015	0.9021	0.900 - 0.9040
PCB-141		38:51	38:47	-4		0.9058	0.9058	0.905 - 0.9075
PCB-130		39:16	39:12	-4		0.9156	0.9156	0.915 - 0.9172
PCB-137		39:29	39:25	-4		0.9205	0.9205	0.920 - 0.9224
PCB-164		39:37	39:32	-4		0.9236	0.9236	0.923 - 0.9252
PCB-129/138/160/163		39:55	39:51	-4		0.9307	0.9306	0.930 - 0.9349
PCB-158		40:18	40:13	-4		0.9396	0.9395	0.939 - 0.9409
PCB-128/166		41:09	41:05	-3		0.9592	0.9595	0.958 - 0.9617
PCB-159		42:09	42:05	-4		0.9825	0.9828	0.982 - 0.9839
PCB-162		42:26	42:22	-4		0.9893	0.9896	0.988 - 0.9907
PCB-167	T	42:55	42:50	-4		1.0006	1.0006	0.999 - 1.0016
PCB-156/157	T	44:05	44:00	-5		1.0003	1.0006	0.999 - 1.0025
PCB-169	T/L	47:20	47:14	-6		1.0006	1.0003	0.999 - 1.0015
PCB-188L		37:16	37:13	-2	15	0.8201	0.8204	0.817 - 0.8243
PCB-178L		40:20	40:17	-3		0.8874	0.8879	0.884 - 0.8916
PCB-180L		45:26	45:22	-4		1.0000	1.0000	0.996 - 1.0037
PCB-170L		46:42	46:36	-6	15	1.0281	1.0275	1.024 - 1.0317
PCB-189L		49:50	49:44	-5	15	1.0968	1.0964	1.093 - 1.1000

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Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-188	L	37:16	37:15	-1		1.0004	1.0007	1.000 - 1.0022
PCB-179		37:39	37:35	-3		1.0102	1.0099	1.009 - 1.0115
PCB-184		38:09	38:06	-2		1.0237	1.0236	1.023 - 1.0254
PCB-176		38:31	38:28	-3		1.0339	1.0335	1.033 - 1.0351
PCB-186		38:59	38:55	-4		1.0463	1.0455	1.045 - 1.0476
PCB-178		40:21	40:18	-3		1.0830	1.0830	1.081 - 1.0837
PCB-175		40:59	40:56	-3		1.1000	1.0999	1.098 - 1.1008
PCB-187		41:15	41:12	-3		1.1070	1.1070	1.106 - 1.1082
PCB-182		41:27	41:24	-3		1.1127	1.1126	1.111 - 1.1137
PCB-183/185		41:52	41:48	-3		1.1236	*1.1232	1.123 - 1.1260
PCB-174		42:08	42:03	-4		1.1307	1.1299	1.129 - 1.1313
PCB-177		42:34	42:29	-4		1.1423	1.1416	1.140 - 1.1430
PCB-181		42:57	42:53	-4		1.1526	1.1522	1.151 - 1.1535
PCB-171/173		43:11	43:05	-5		1.1589	1.1578	1.156 - 1.1602
PCB-172		44:48	44:44	-4		0.8991	0.8994	0.899 - 0.9008
PCB-192		45:05	45:00	-4		0.9046	0.9050	0.904 - 0.9060
PCB-180/193		45:25	45:21	-4		0.9115	0.9119	0.911 - 0.9130
PCB-191		45:49	45:44	-4		0.9194	0.9198	0.919 - 0.9209
PCB-170		46:44	46:38	-6		0.9379	0.9377	0.937 - 0.9392
PCB-190		47:15	47:10	-5		0.9482	0.9483	0.948 - 0.9496
PCB-189	T/L	49:50	49:45	-5		1.0003	1.0005	0.999 - 1.0013
PCB-202L		42:39	42:35	-3	15	0.8212	0.8215	0.819 - 0.8249
PCB-194L		51:56	51:50	-5		1.0000	1.0000	0.996 - 1.0040
PCB-205L		52:23	52:19	-4	15	1.0089	1.0091	1.004 - 1.0138
PCB-202	L	42:39	42:37	-2		1.0003	1.0006	0.999 - 1.0027
PCB-201		43:35	43:32	-2		1.0219	1.0222	1.020 - 1.0237
PCB-204		44:15	44:12	-2		1.0376	1.0380	1.036 - 1.0388
PCB-197		44:29	44:26	-3		1.0432	1.0432	1.042 - 1.0445
PCB-200		44:37	44:32	-5		1.0463	1.0457	1.045 - 1.0473
PCB-198/199		47:23	47:19	-3		1.1111	1.1111	1.109 - 1.1132
PCB-196		48:04	48:00	-3		0.9174	0.9176	0.917 - 0.9189
PCB-203		48:16	48:12	-3		0.9212	0.9213	0.921 - 0.9226
PCB-195		49:37	49:31	-5		0.9470	0.9465	0.946 - 0.9481
PCB-194		51:56	51:52	-4		0.9914	0.9914	0.991 - 0.9926
PCB-205	L	52:25	52:20	-5		1.0005	1.0002	0.999 - 1.0013
PCB-208L		49:19	49:15	-3	15	0.9497	0.9502	0.947 - 0.9534
PCB-206L		54:08	54:04	-3	15	1.0424	1.0429	1.038 - 1.0472
PCB-208	L	49:20	49:18	-2		1.0005	1.0008	0.999 - 1.0013
PCB-207		50:17	50:13	-3		1.0195	1.0195	1.019 - 1.0205
PCB-206	L	54:09	54:05	-3		1.0002	1.0005	1.000 - 1.0015
PCB-209L		55:43	55:42	0	15	1.0730	1.0745	1.069 - 1.0784
DCB Decachlorobiphenyl	L	55:45	55:44	0		1.0005	1.0005	0.999 - 1.0012

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Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
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Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

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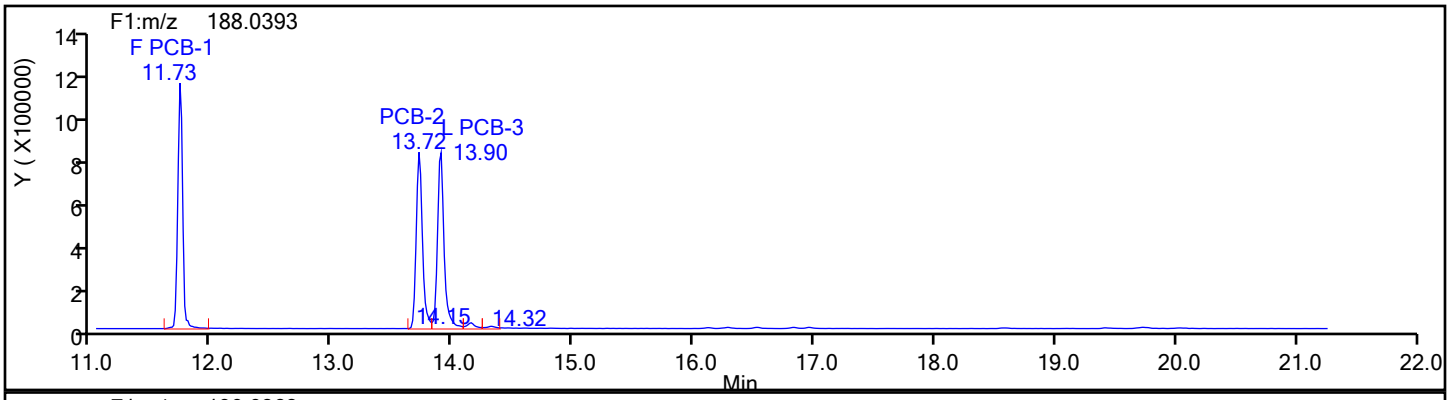
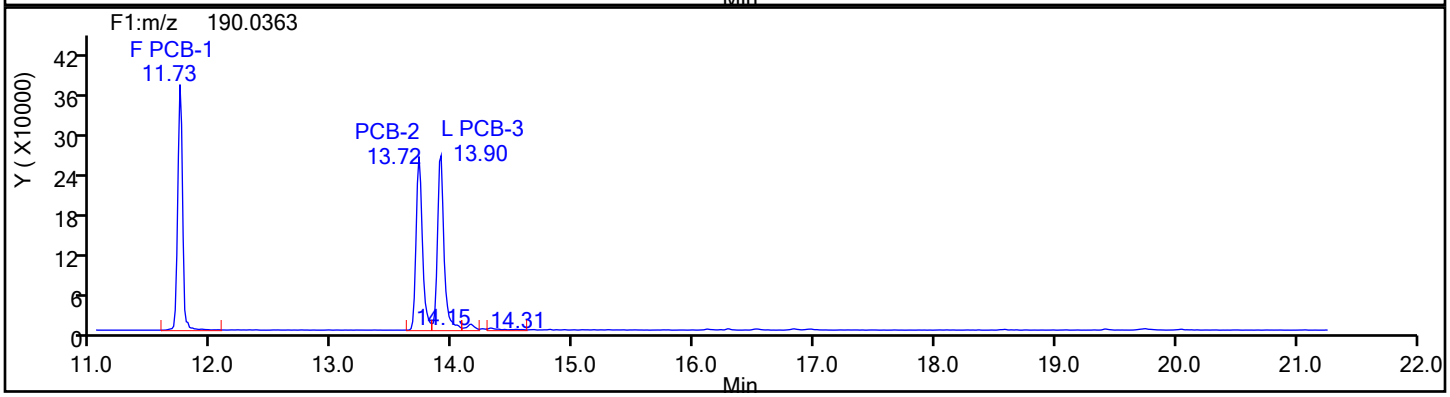
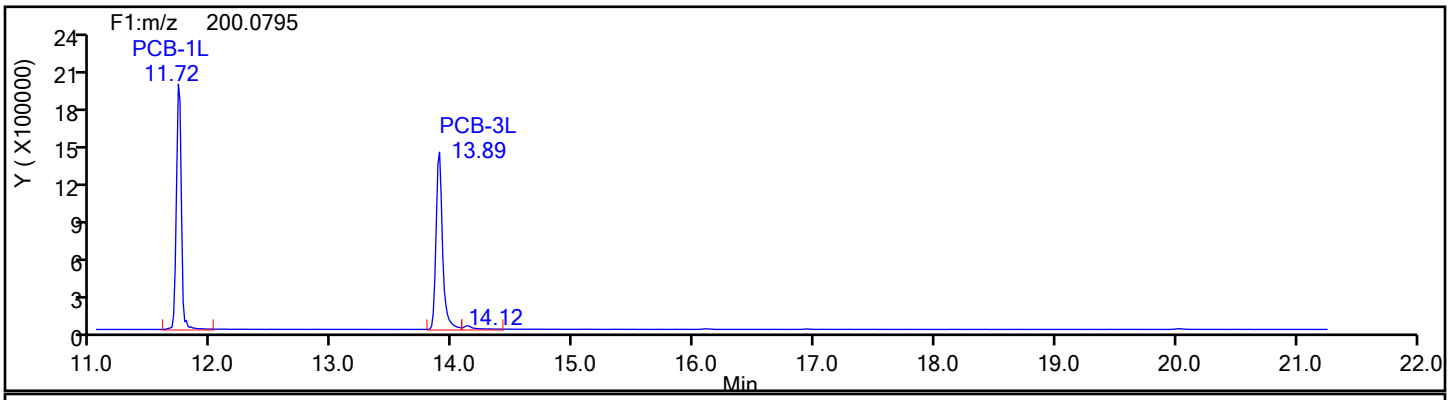
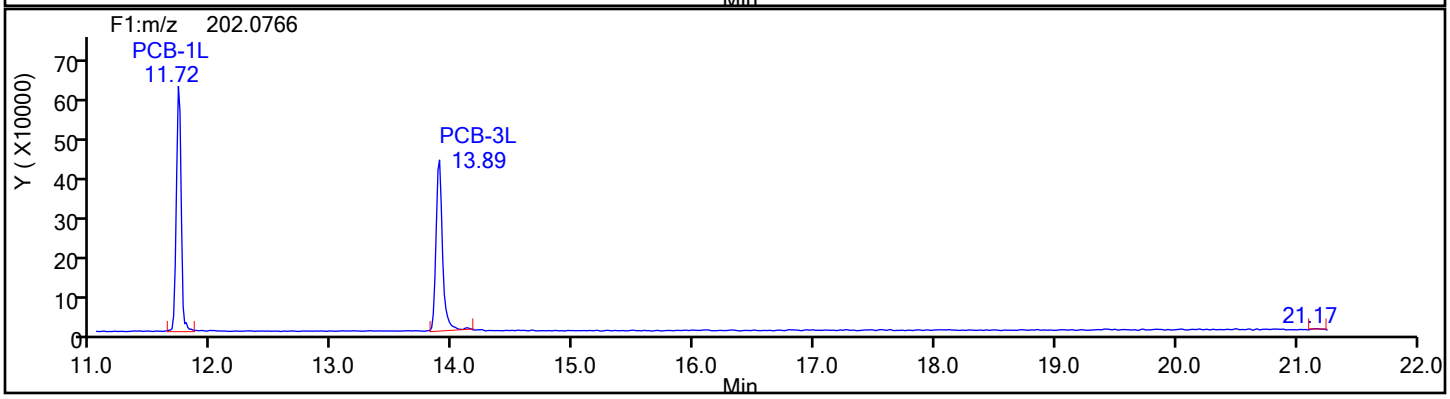




MoPCB F1 Standards





Report Date: 03-Jan-2024 19:05:23 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
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Client ID:
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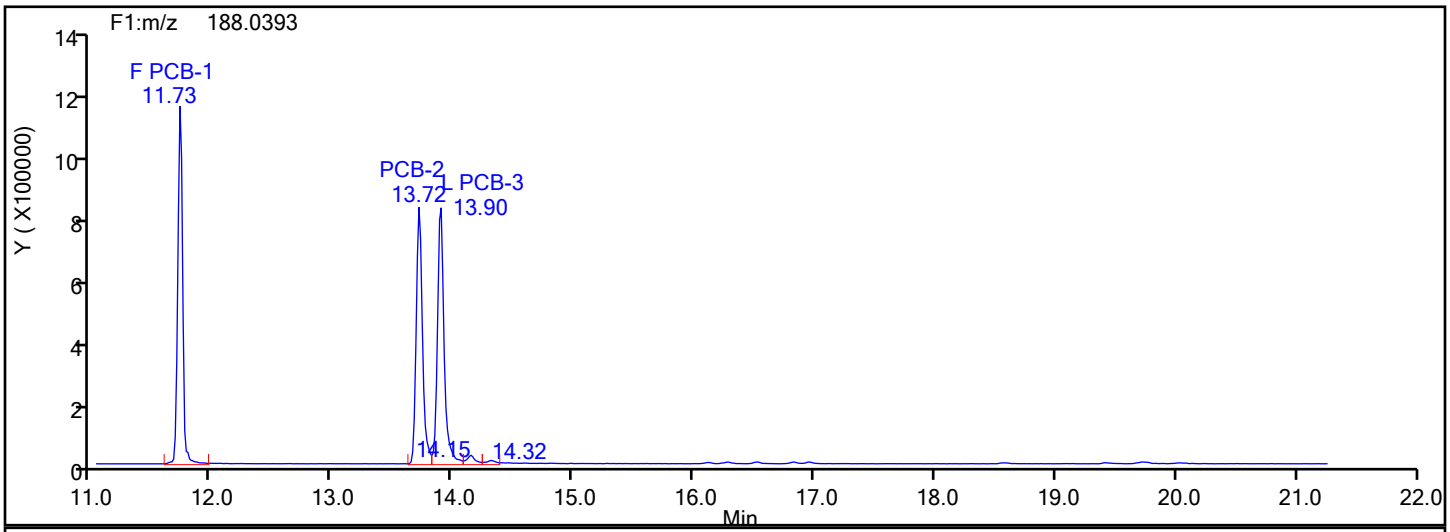
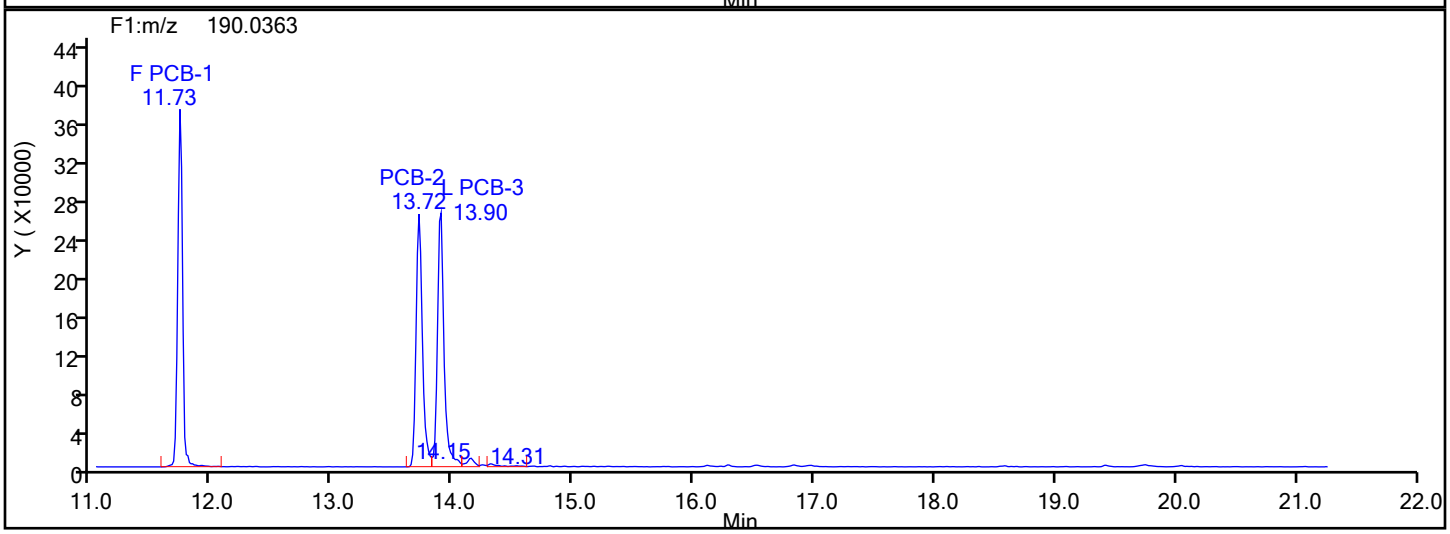
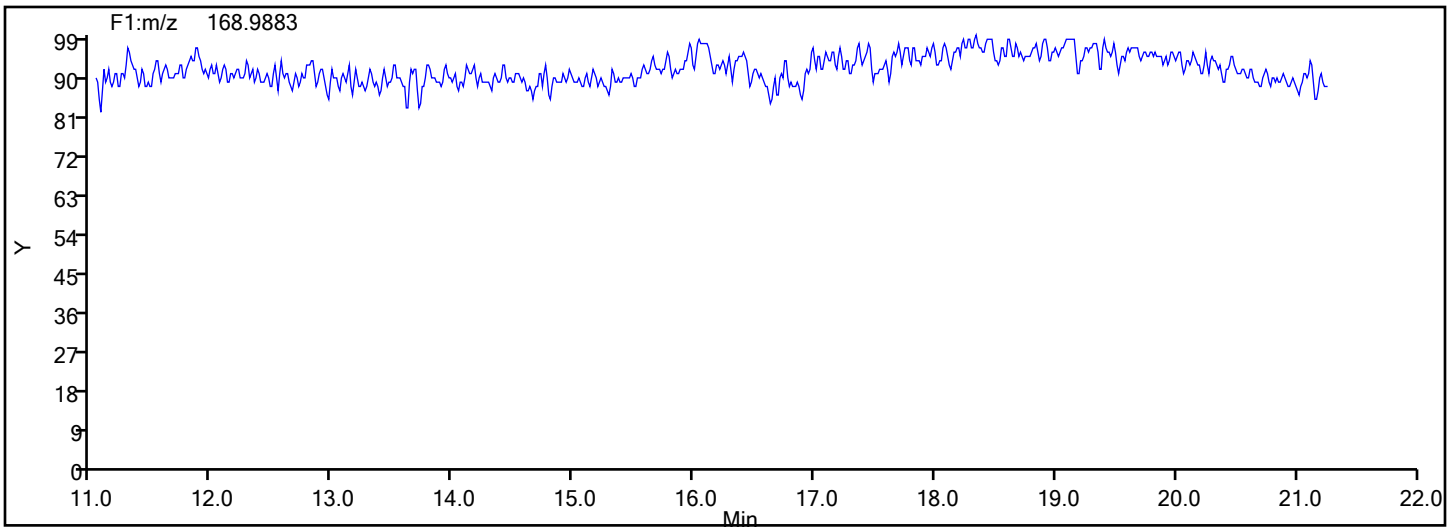




MoPCB F1 Lock Mass



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Eurofins Knoxville

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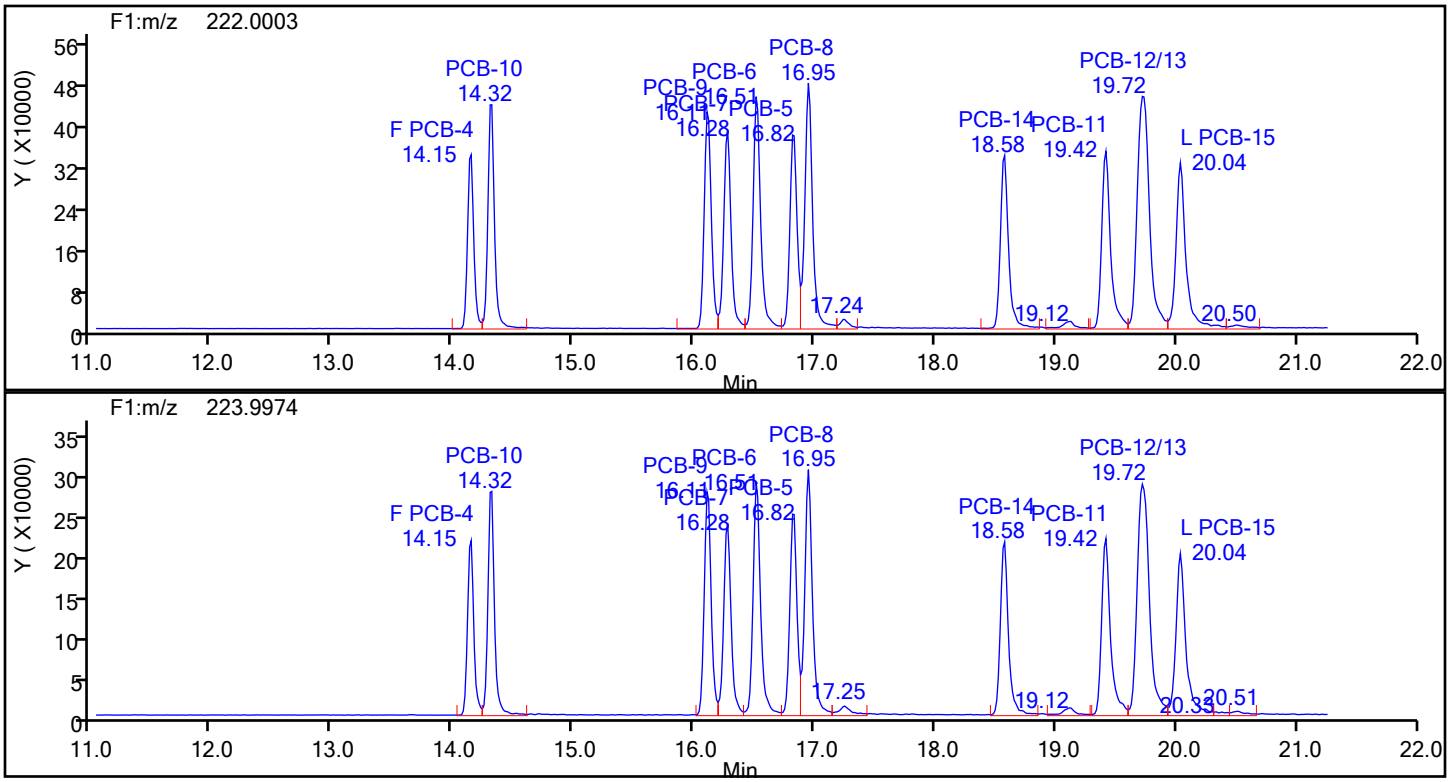

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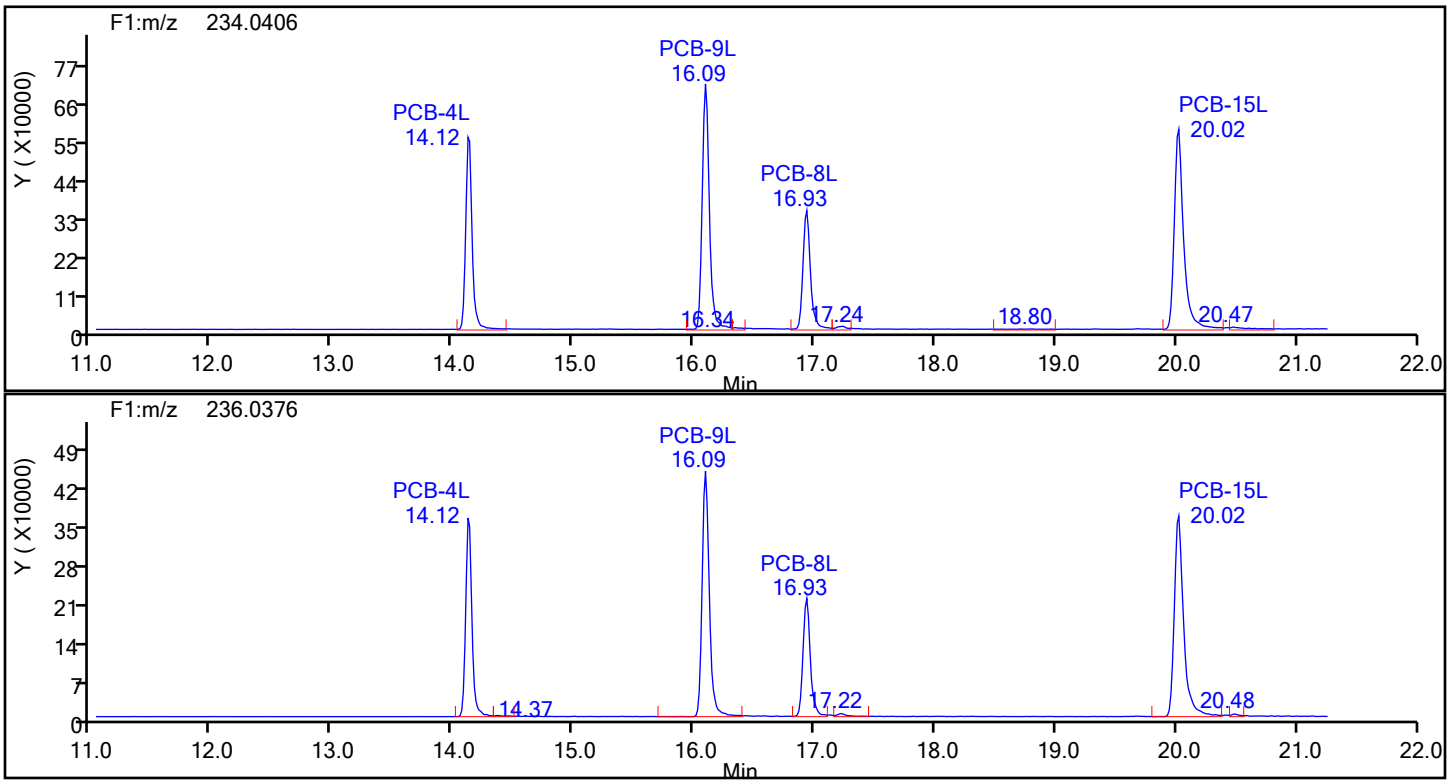

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Eurofins Knoxville

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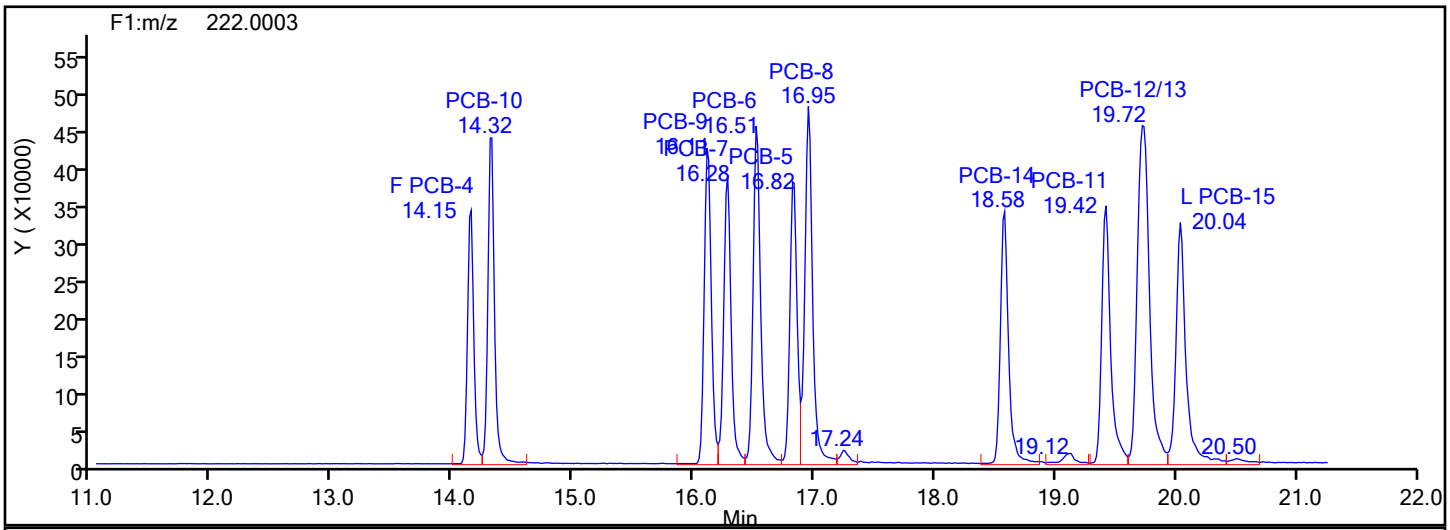
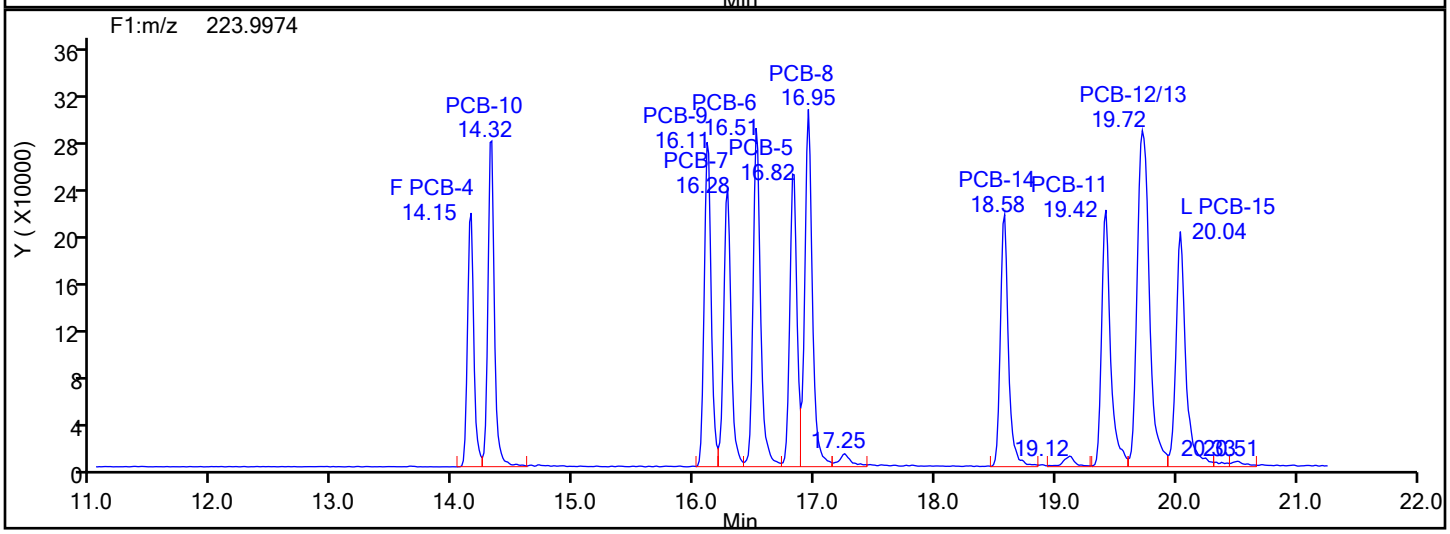
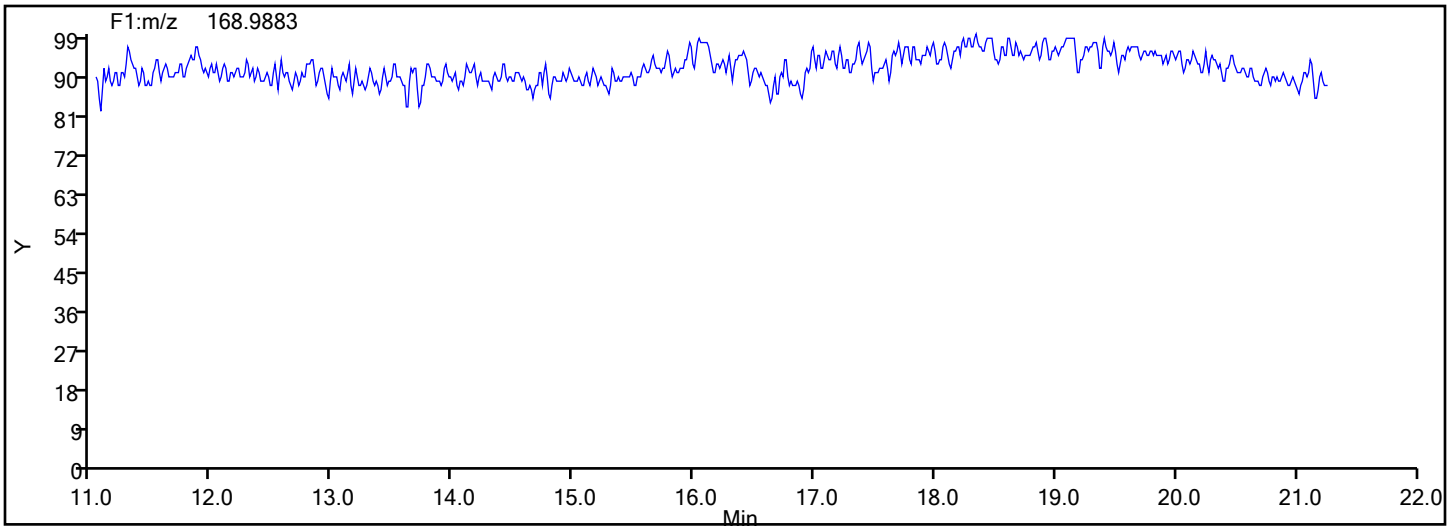




DiPCB F1 Lock Mass



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Eurofins Knoxville

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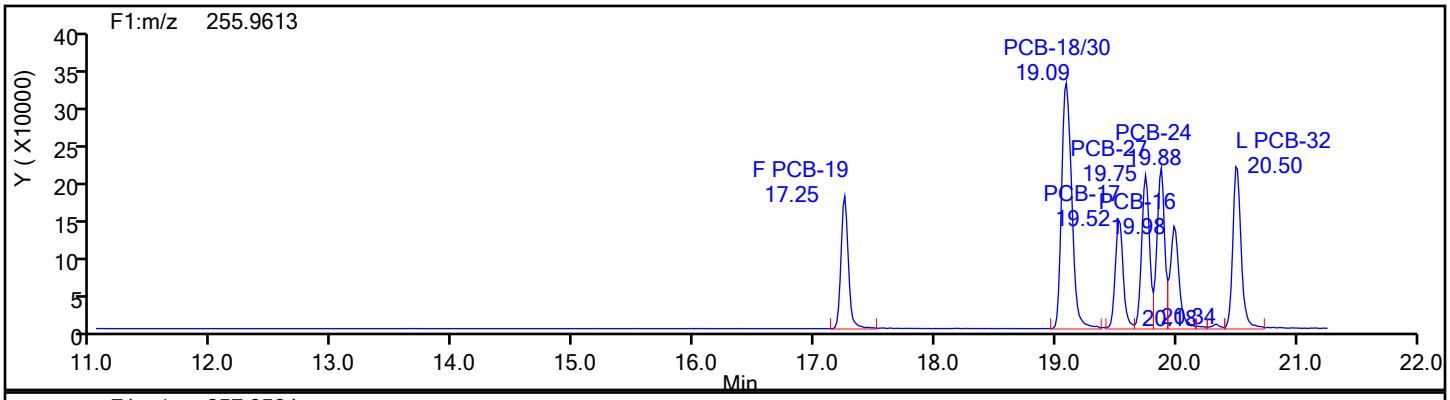
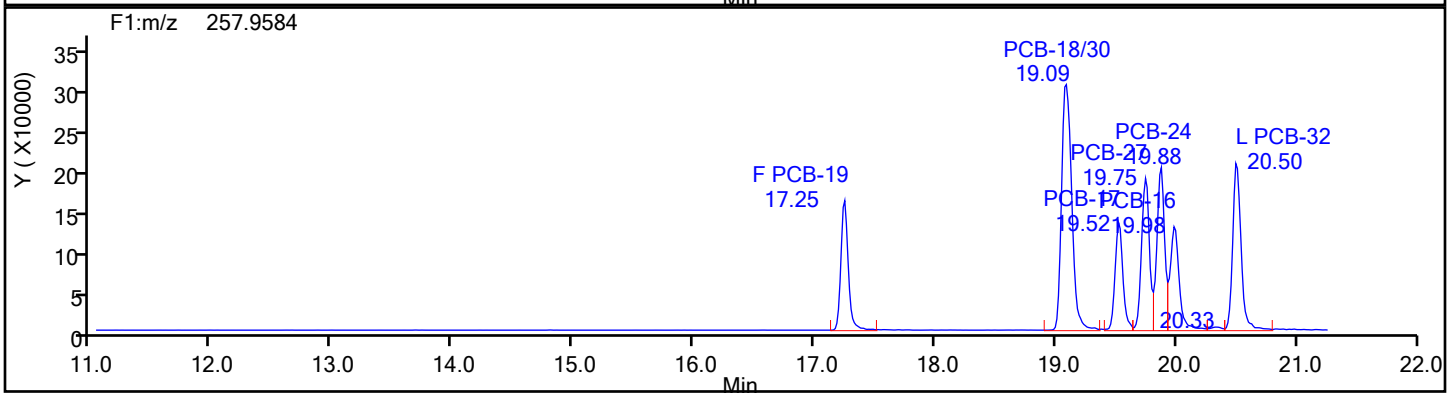
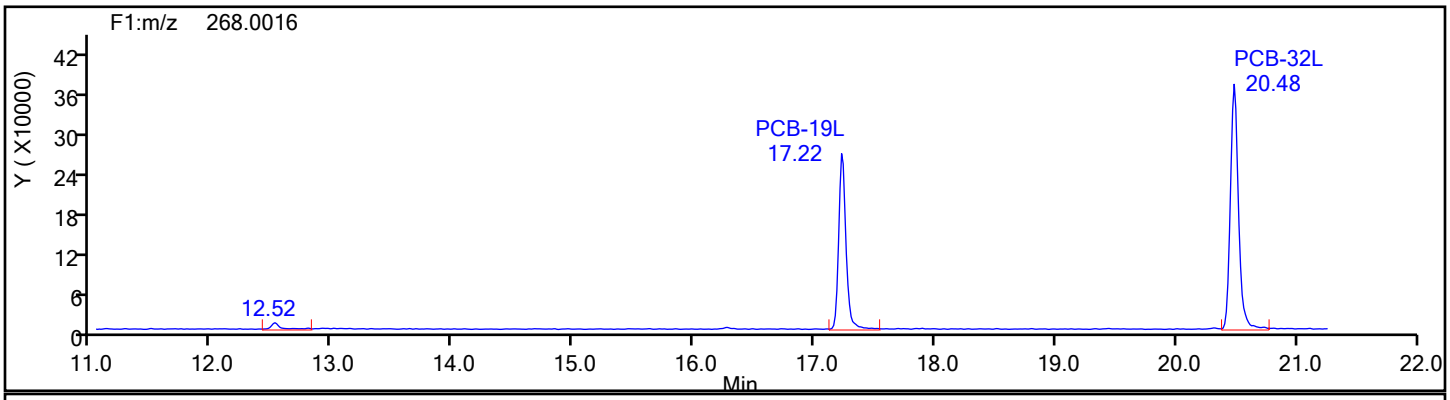
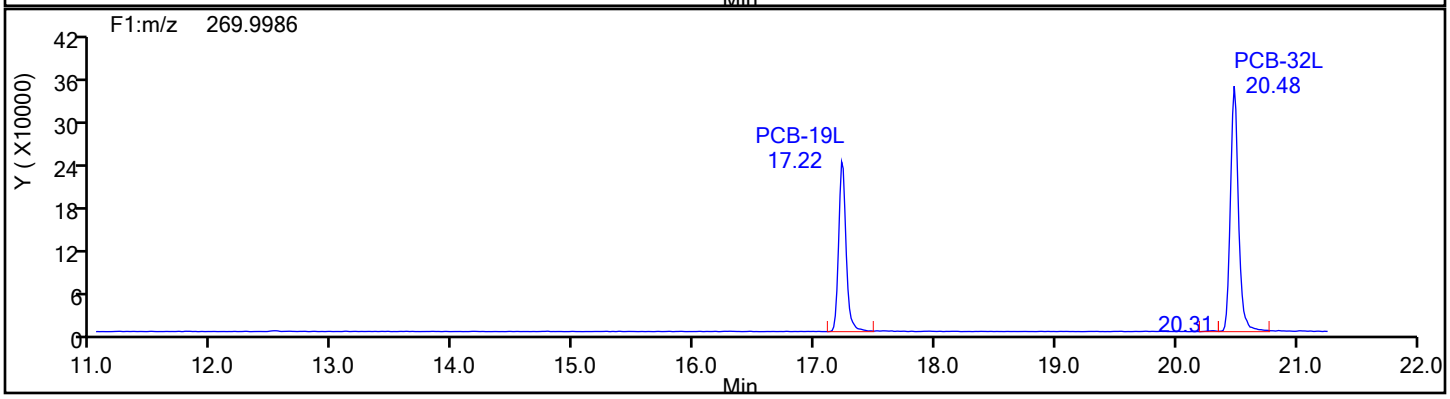
TriPCB F1





TriPCB F1 Standards





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Eurofins Knoxville

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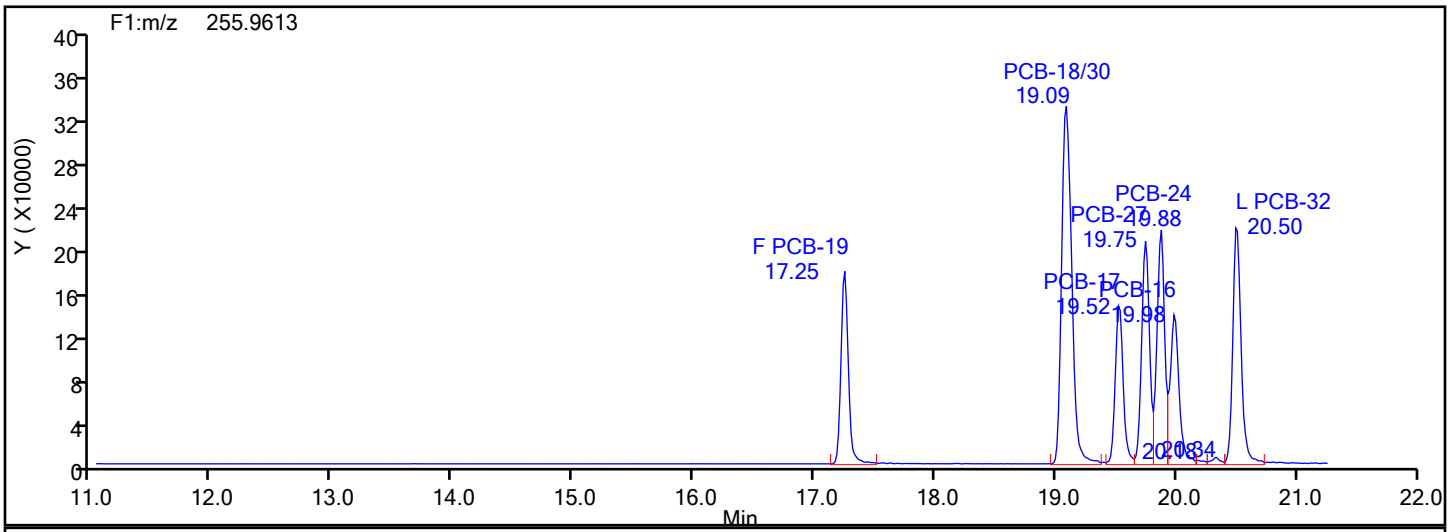
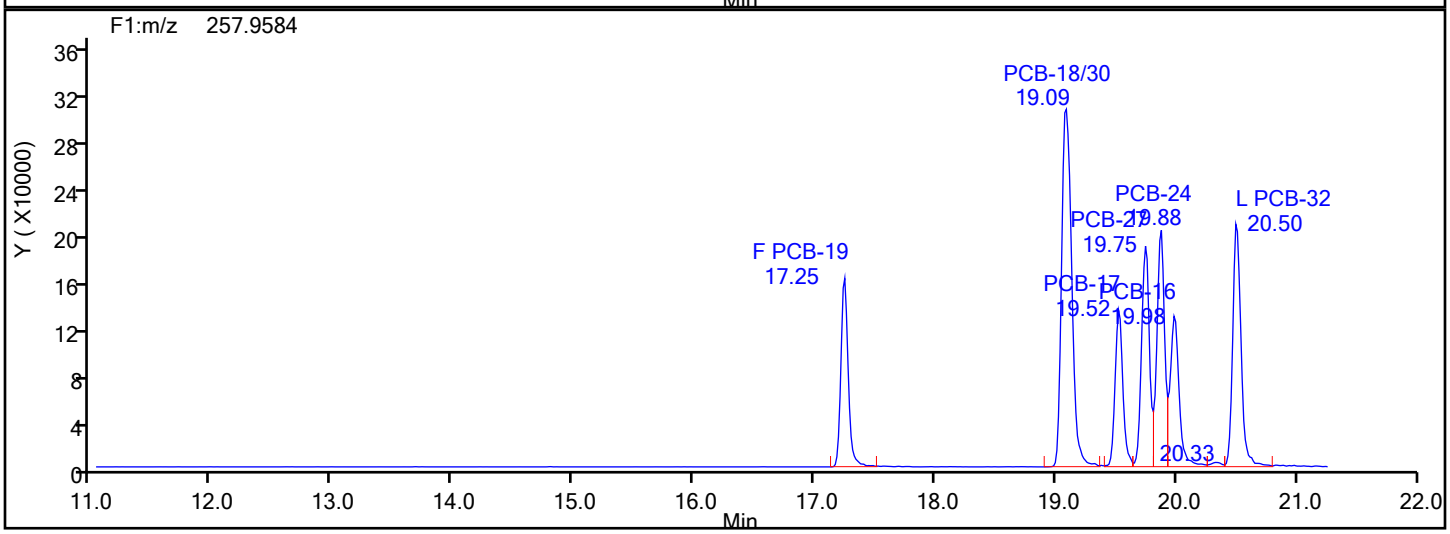
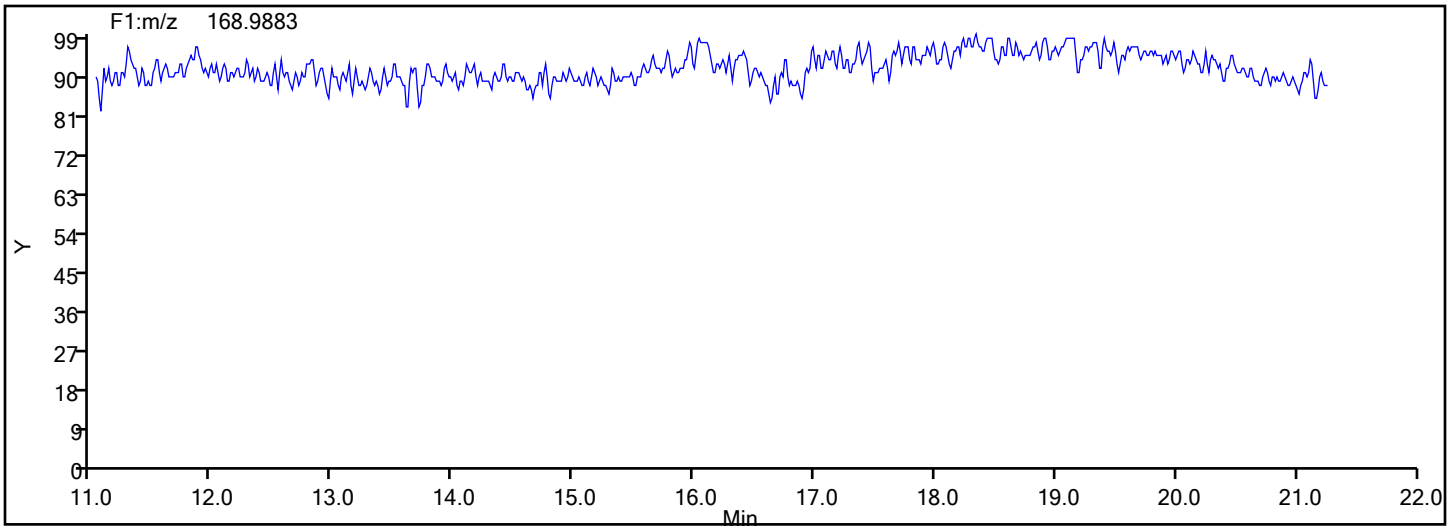
TriPCB F1





TriPCB F1 Lock Mass



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Eurofins Knoxville

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Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
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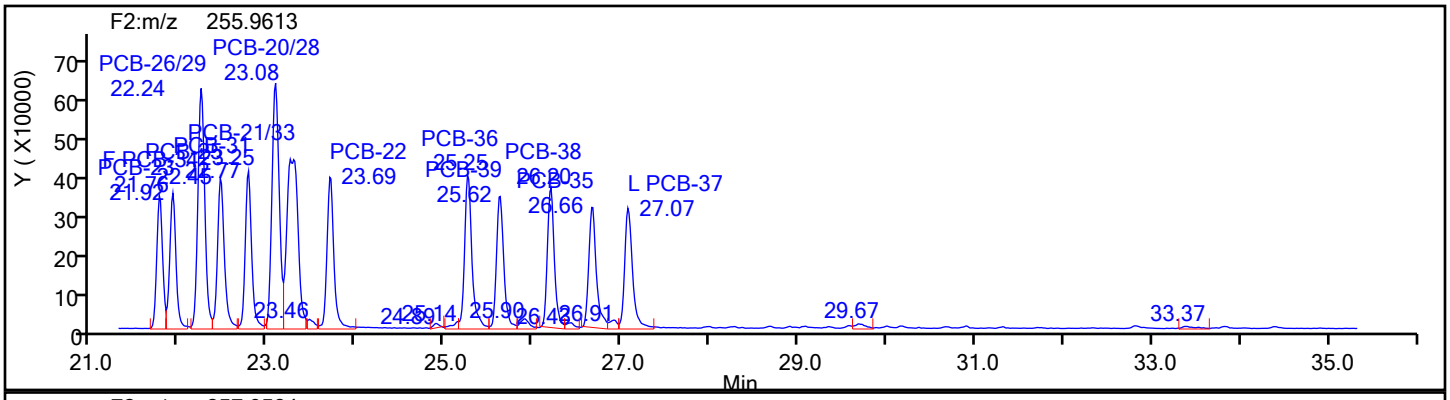
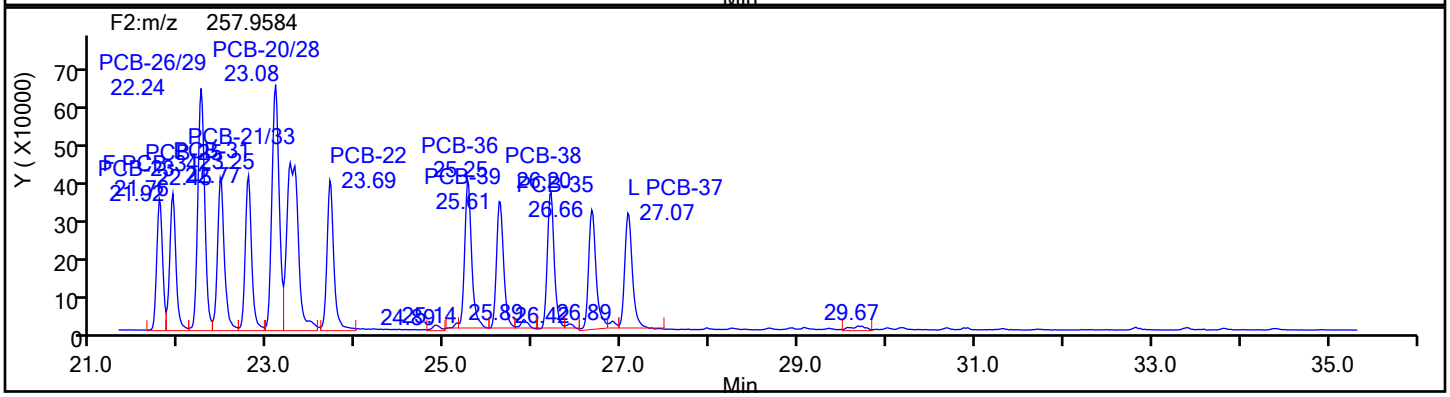
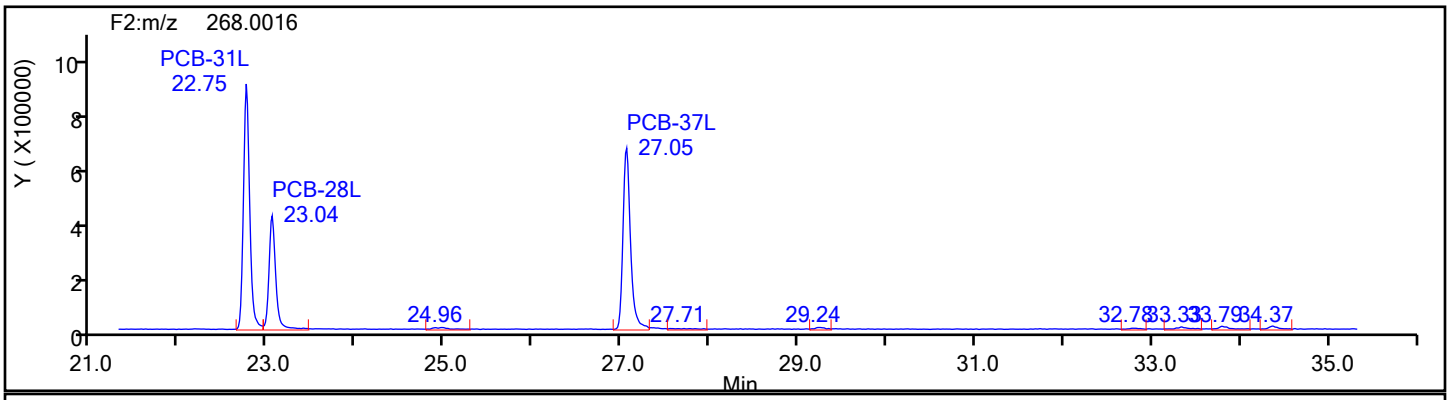
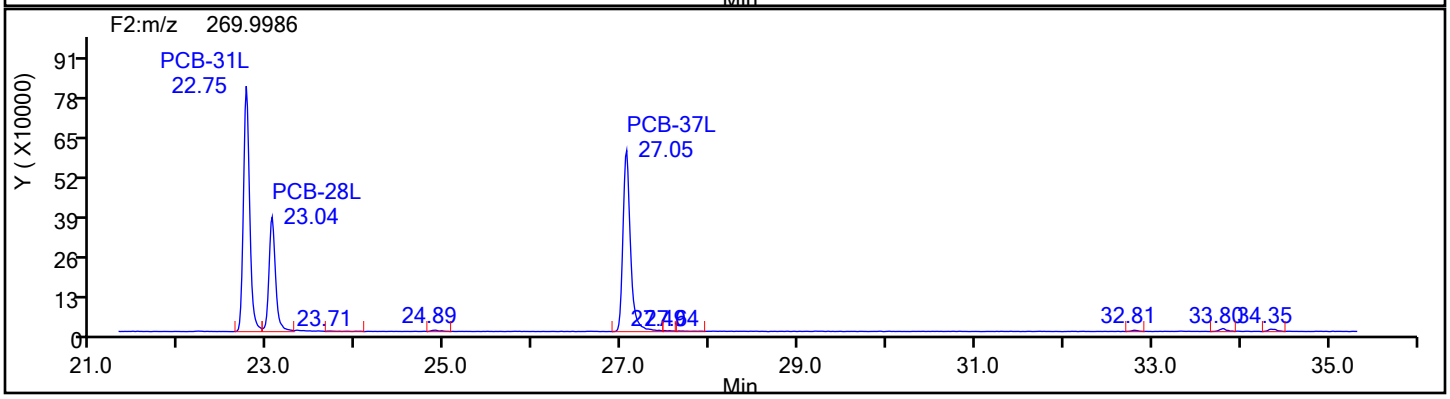
TriPCB F2





TriPCB F2 Standards





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Eurofins Knoxville

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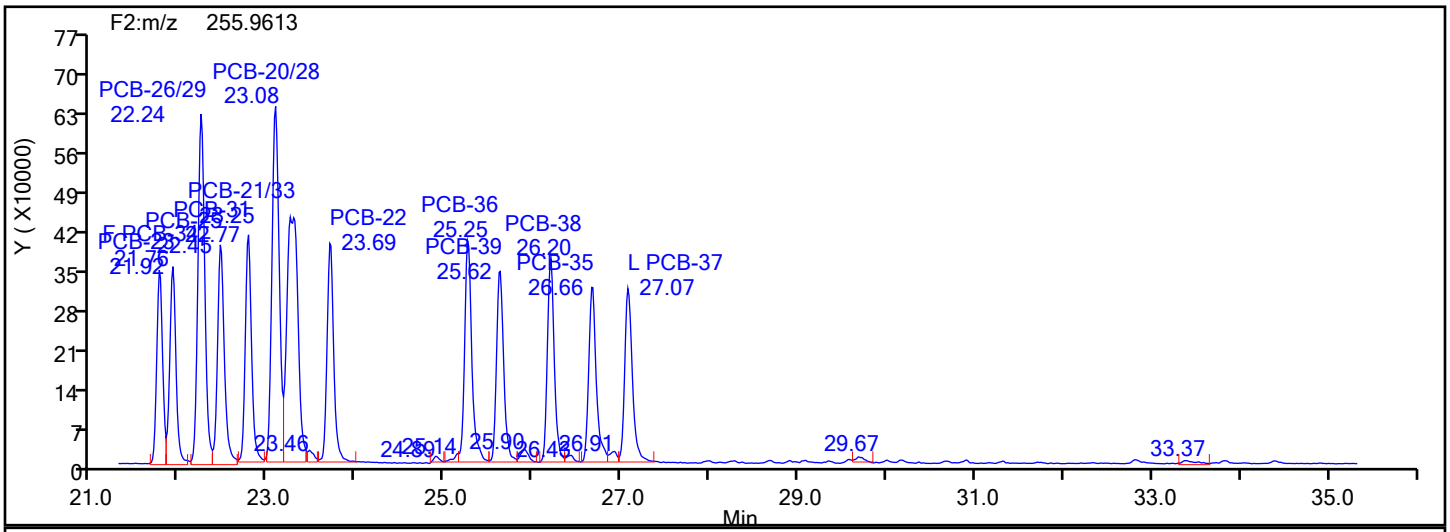
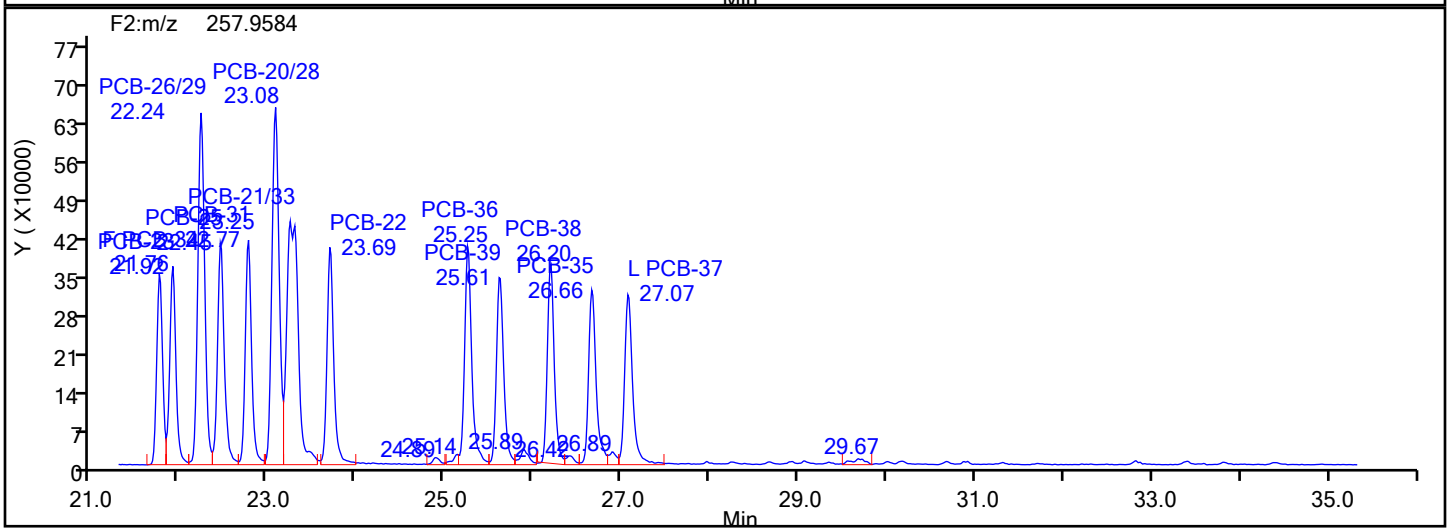
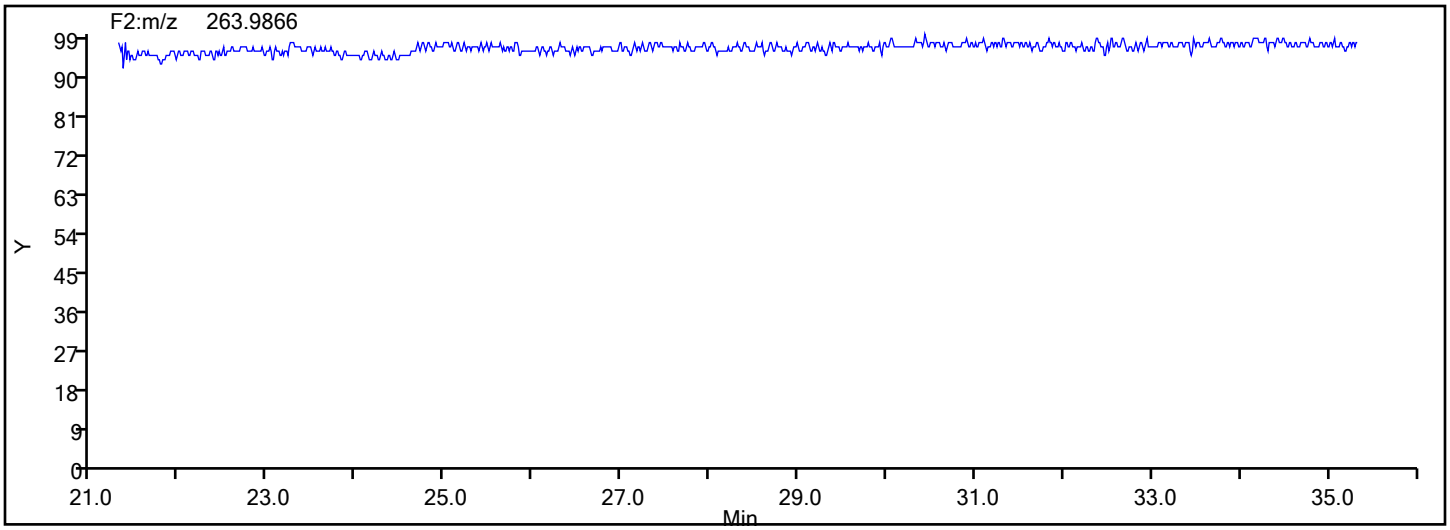
TriPCB F2





TriPCB F2 Lock Mass



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Eurofins Knoxville

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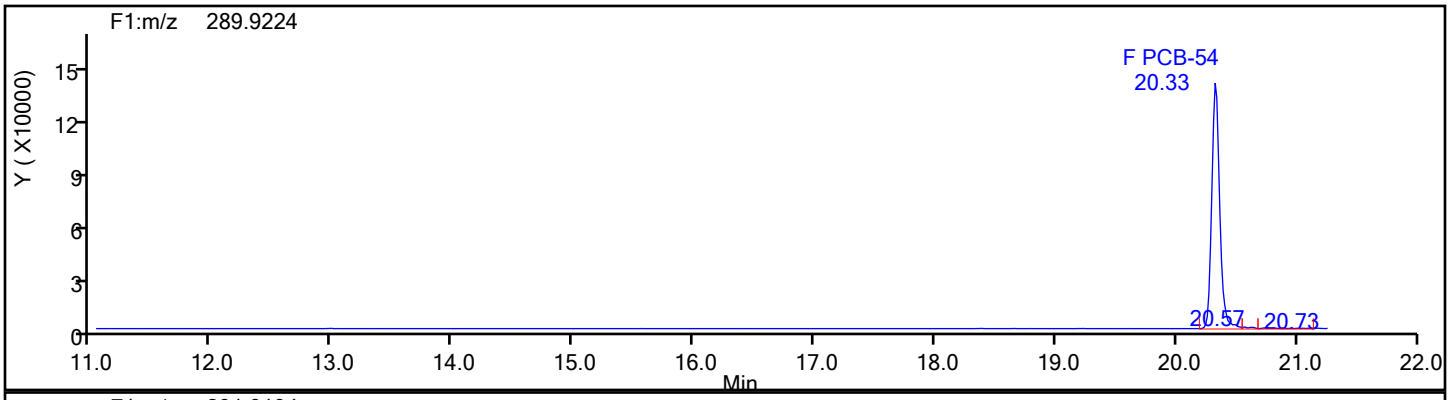
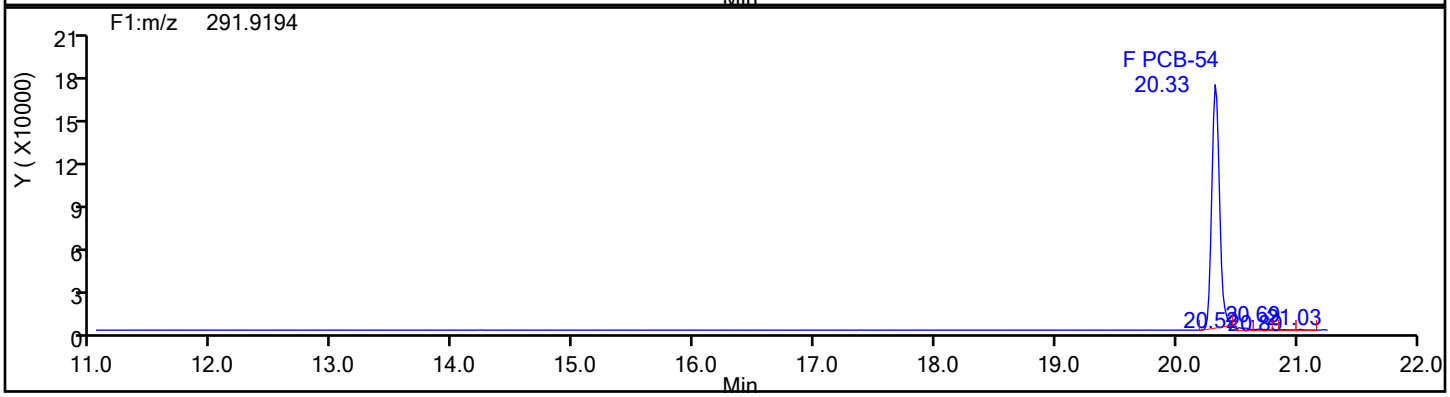
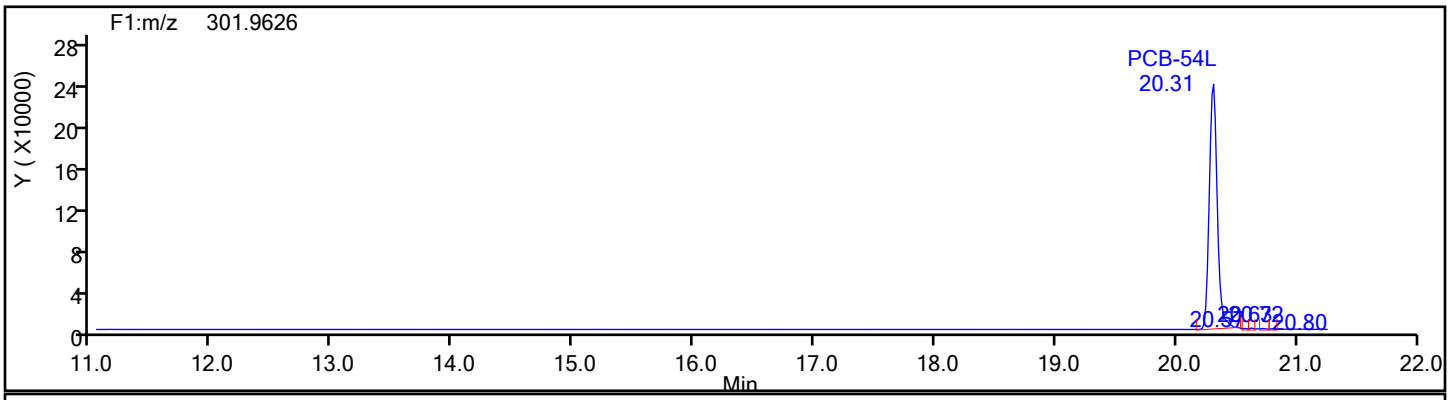
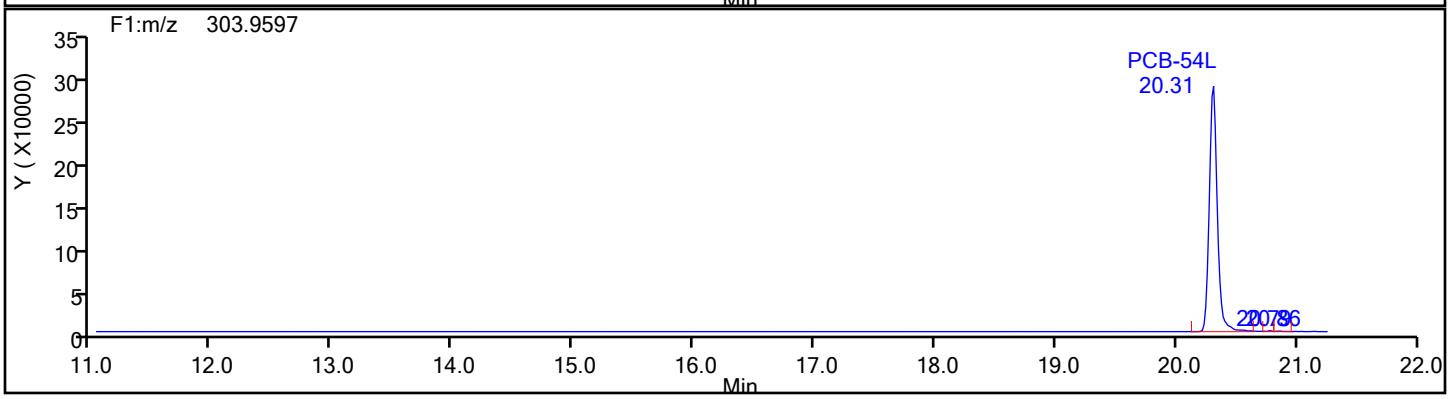




TePCB F1 Standards





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Eurofins Knoxville

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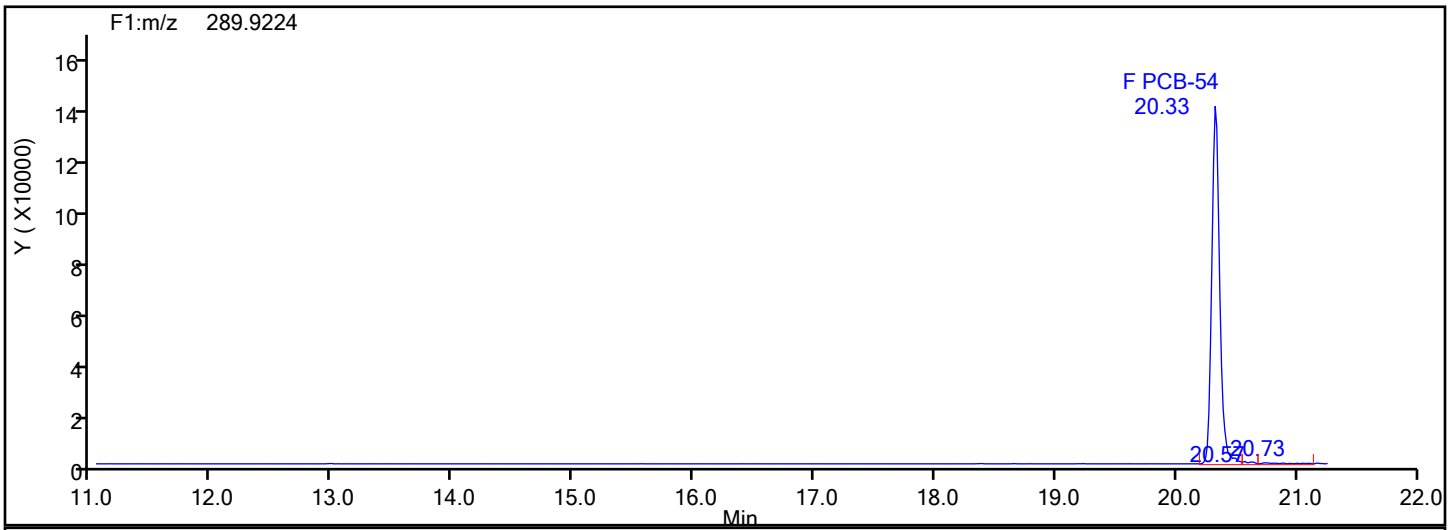
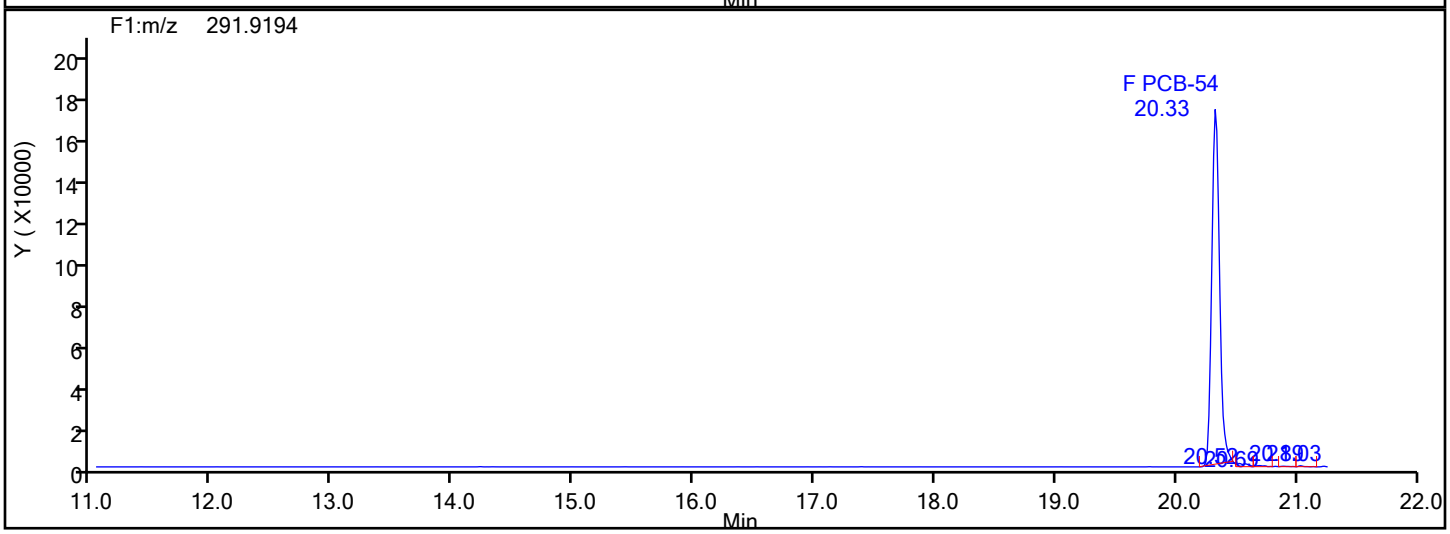
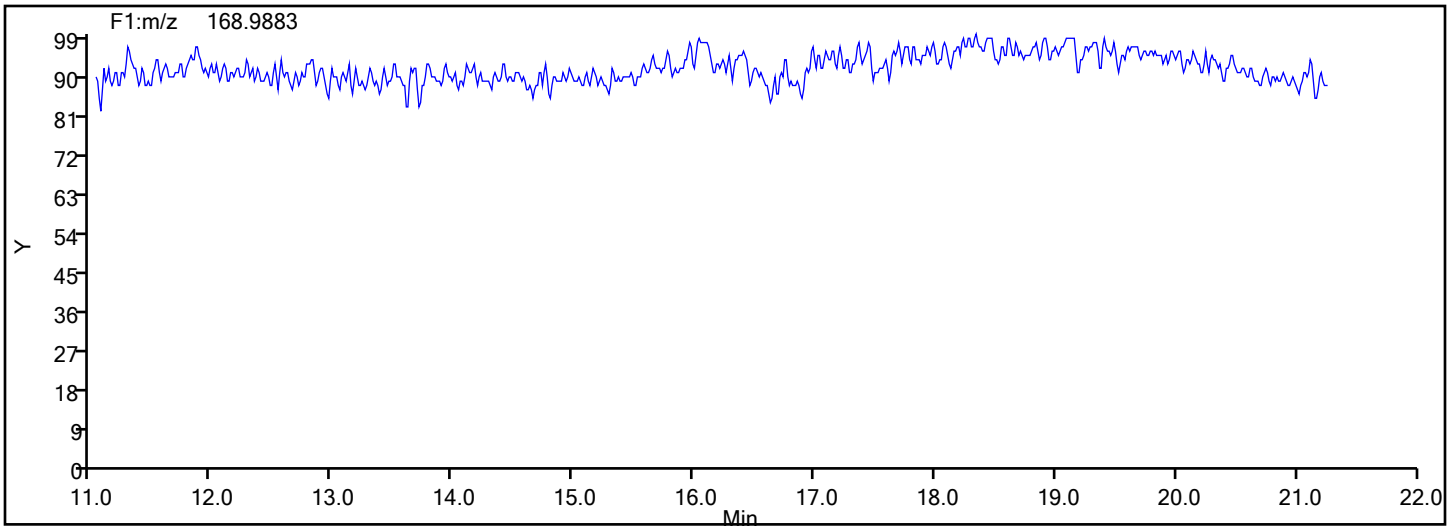
TePCB F1





TePCB F1 Lock Mass



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Eurofins Knoxville

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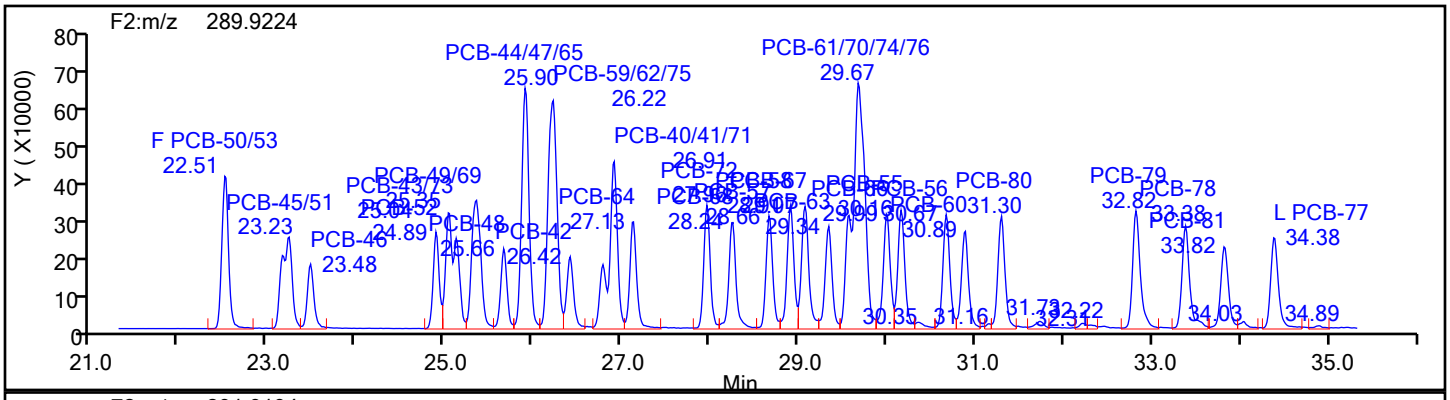
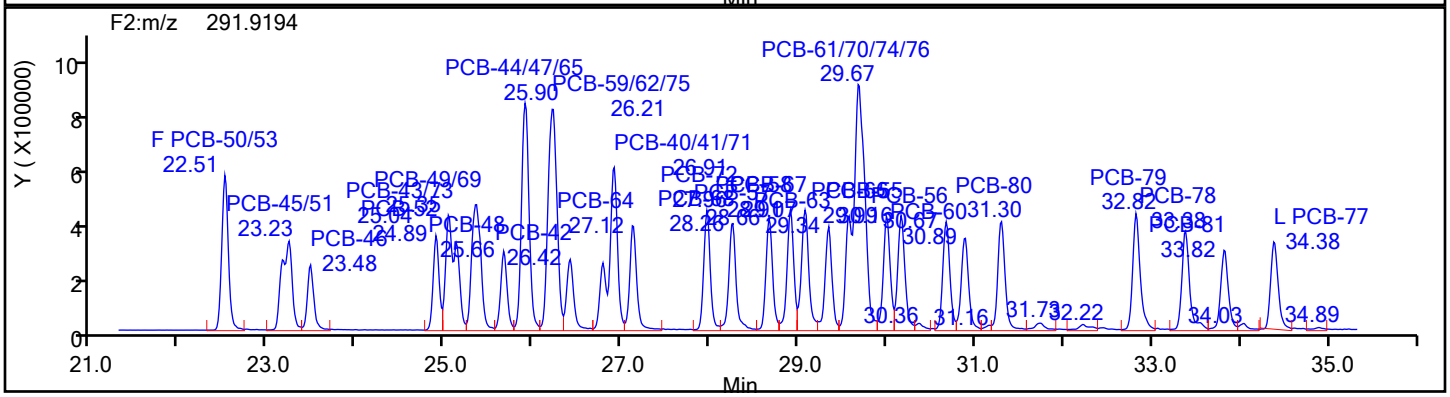
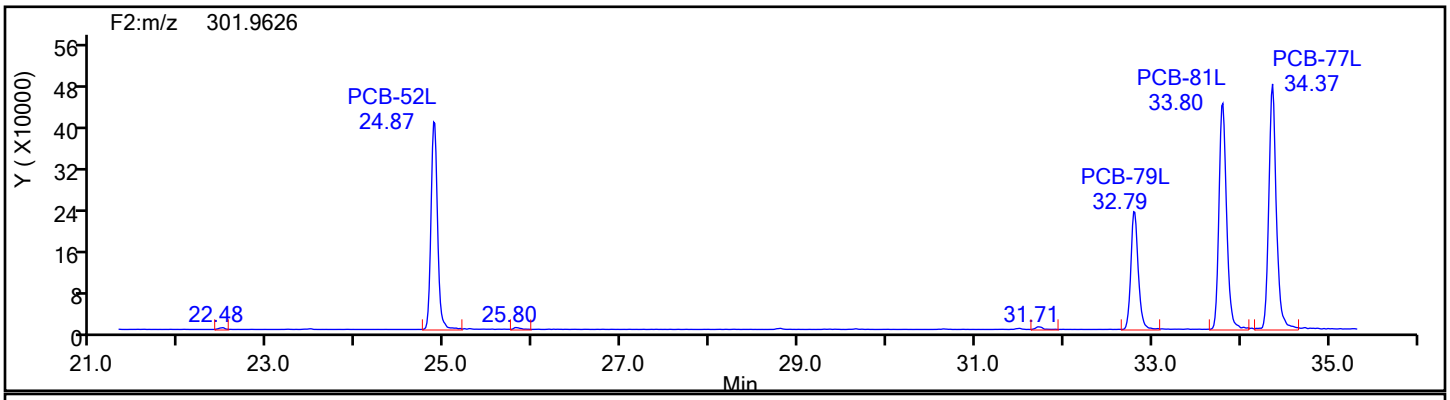
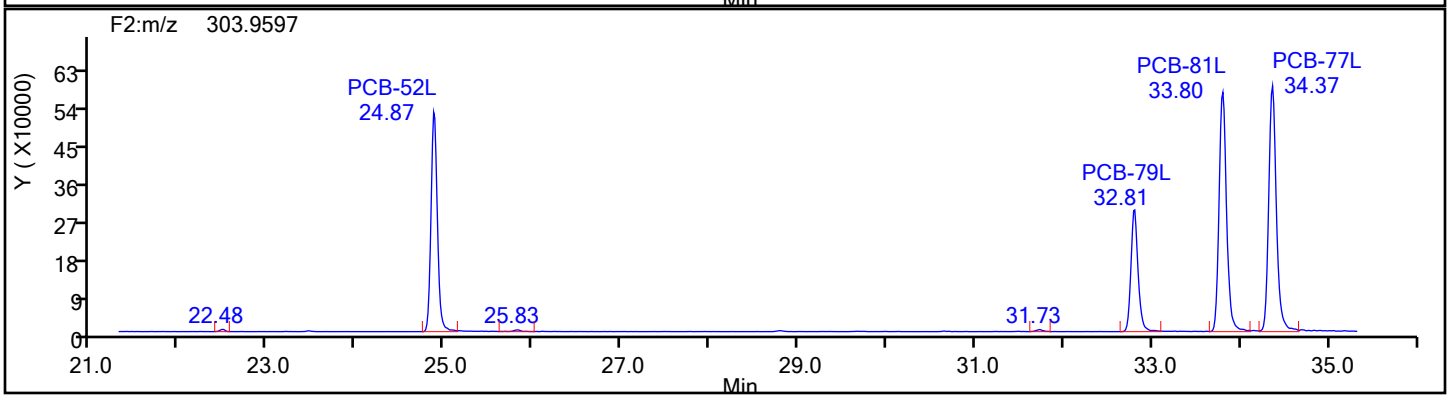
TePCB F2





TePCB F2 Standards





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Eurofins Knoxville

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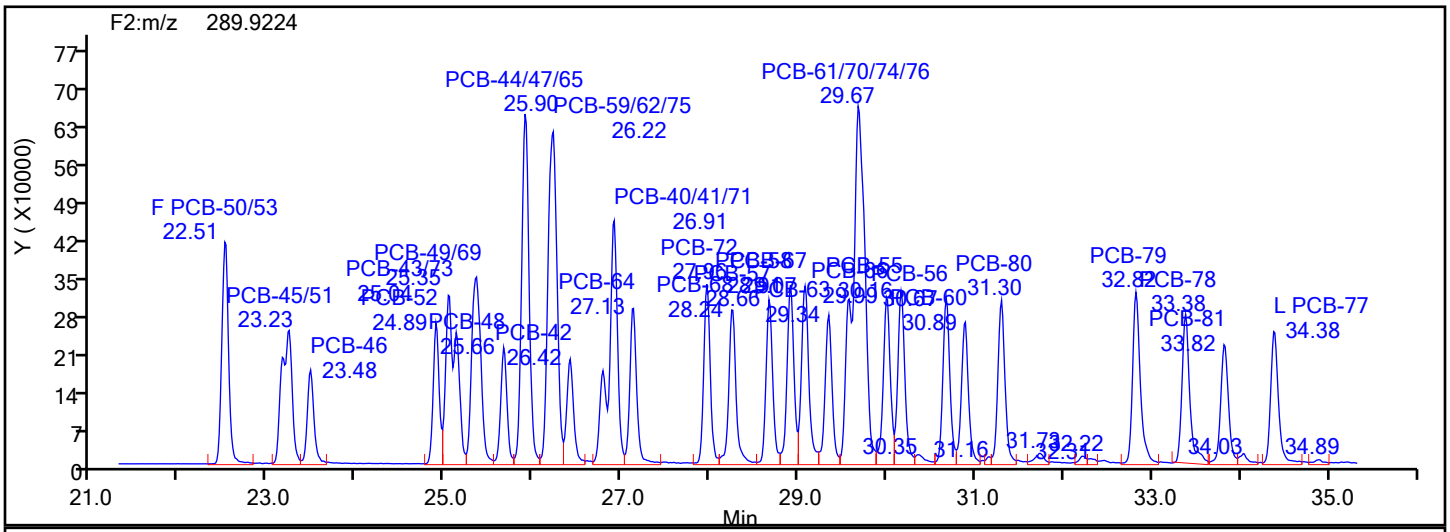
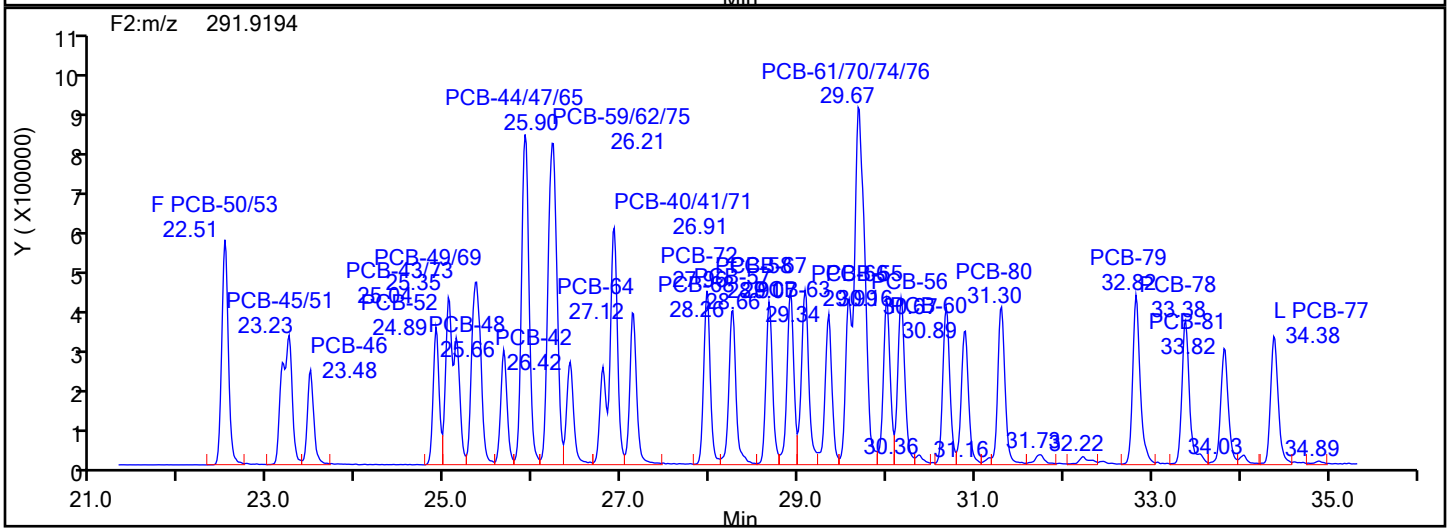
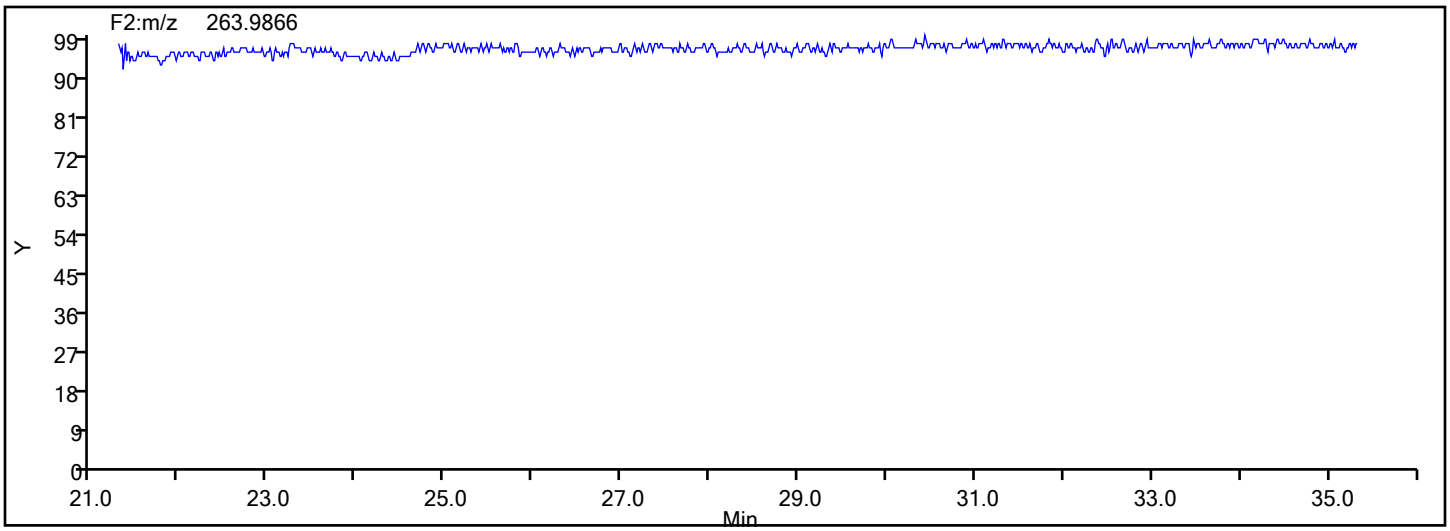




TePCB F2 Lock Mass



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Eurofins Knoxville

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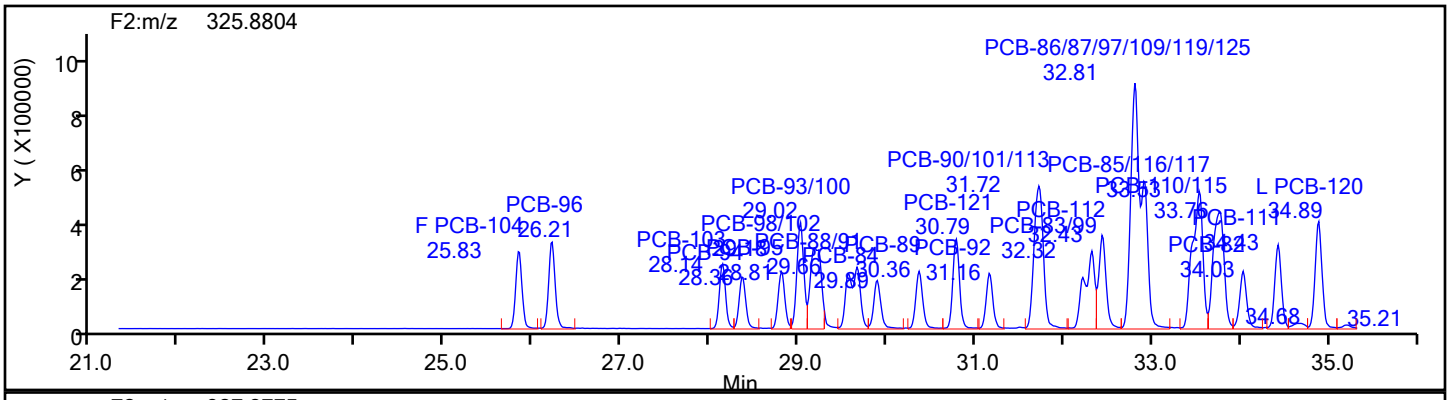
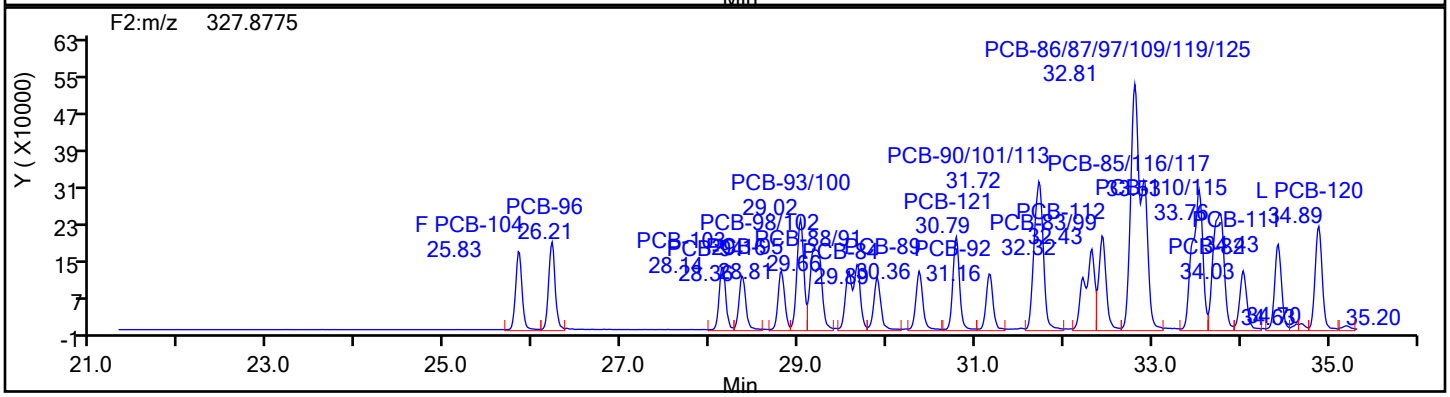
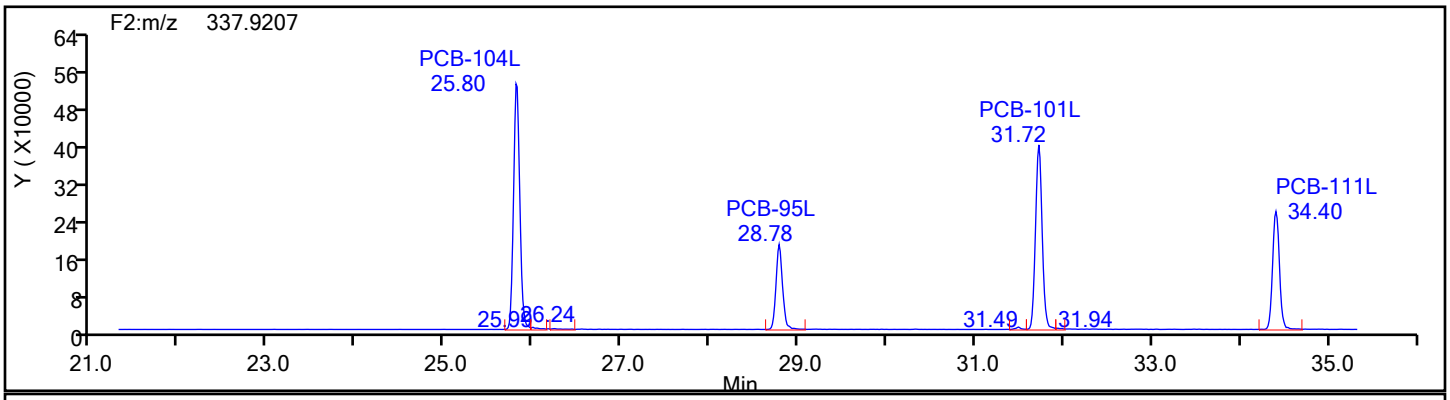
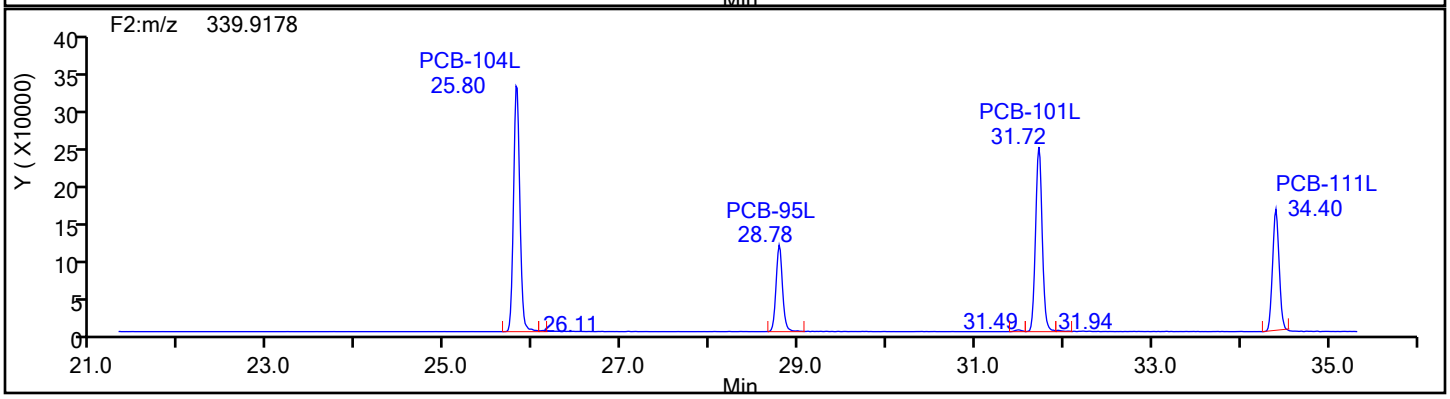




PePCB F2 Standards



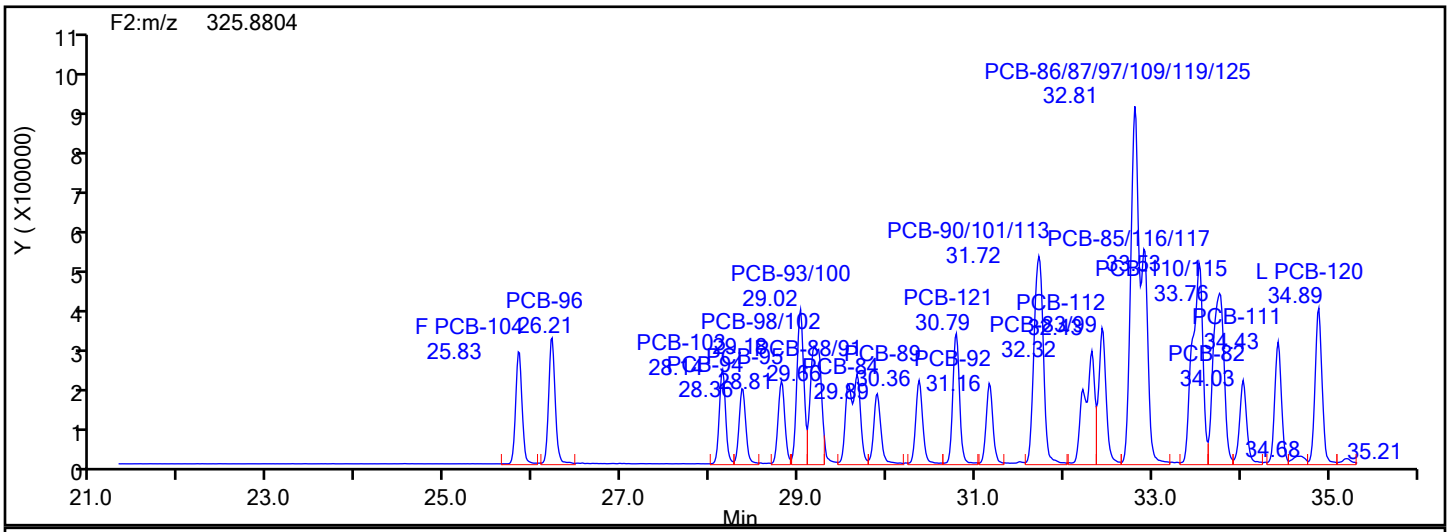


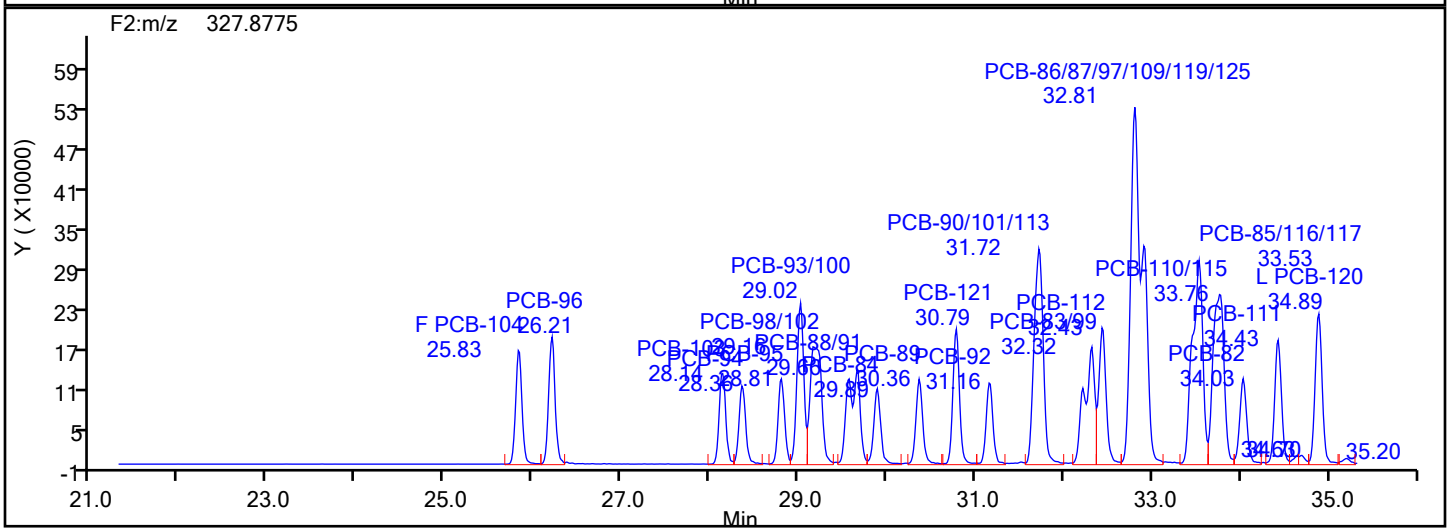
Report Date: 03-Jan-2024 19:05:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

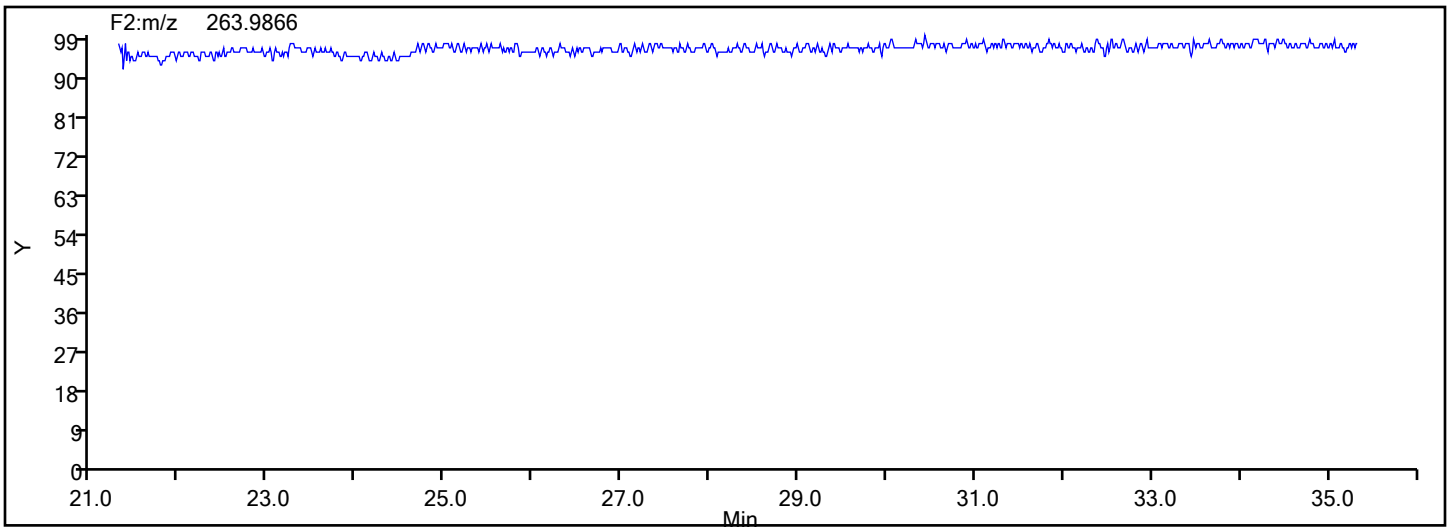
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 1
Column Type: Column Dia:

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

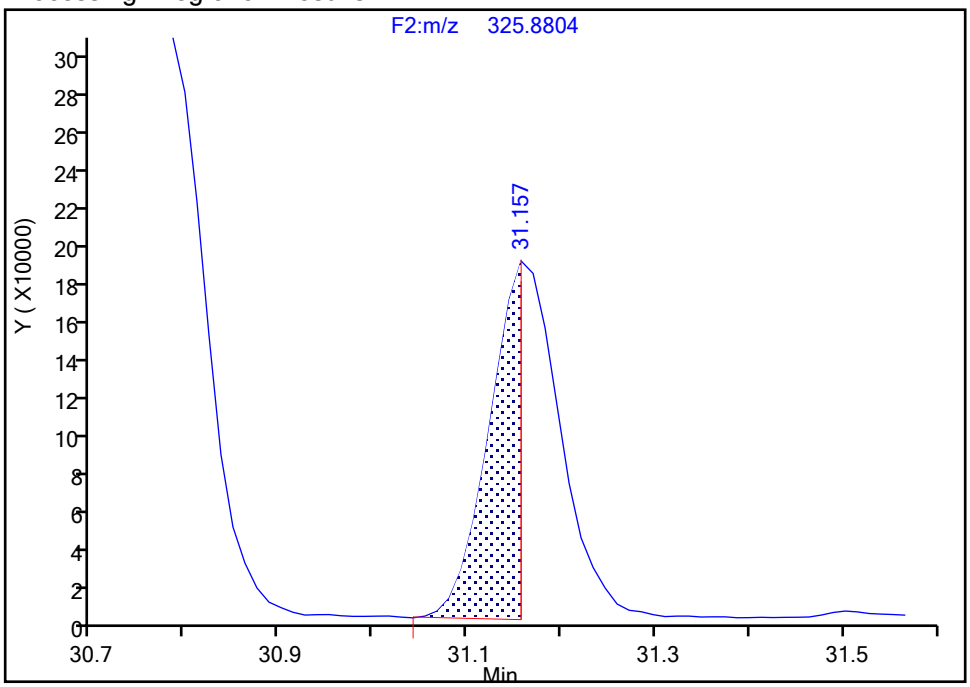
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-92, CAS: 52663-61-3

Signal: 1

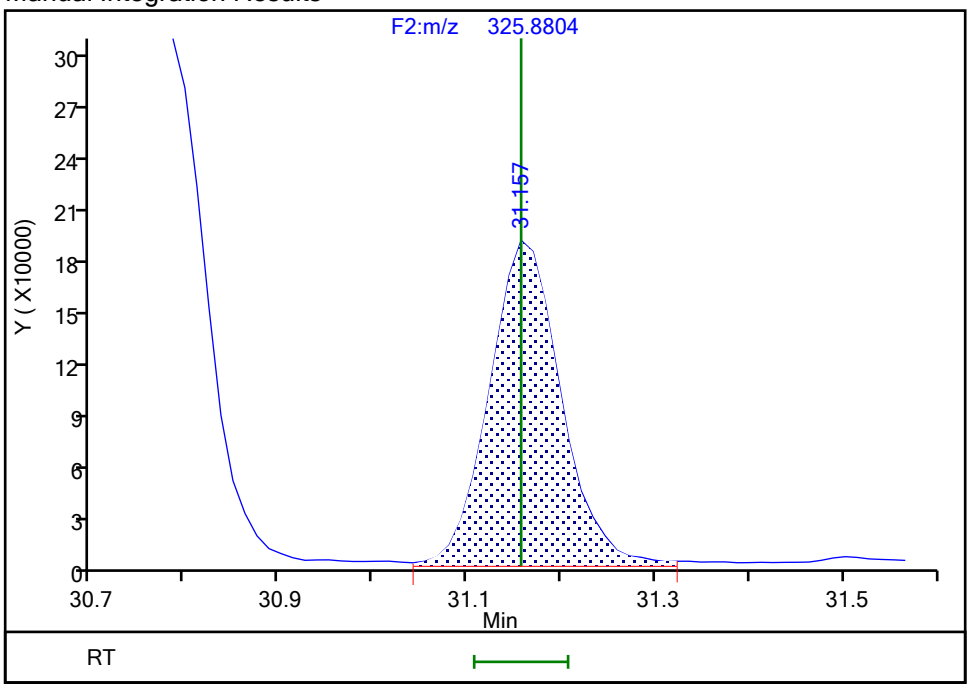
Processing Integration Results

RT: 31.16
Area: 442513
Amount: 32.507813
Amount Units: pg/ul



Manual Integration Results

RT: 31.16
Area: 1012113
Amount: 49.560605
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:00:14 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

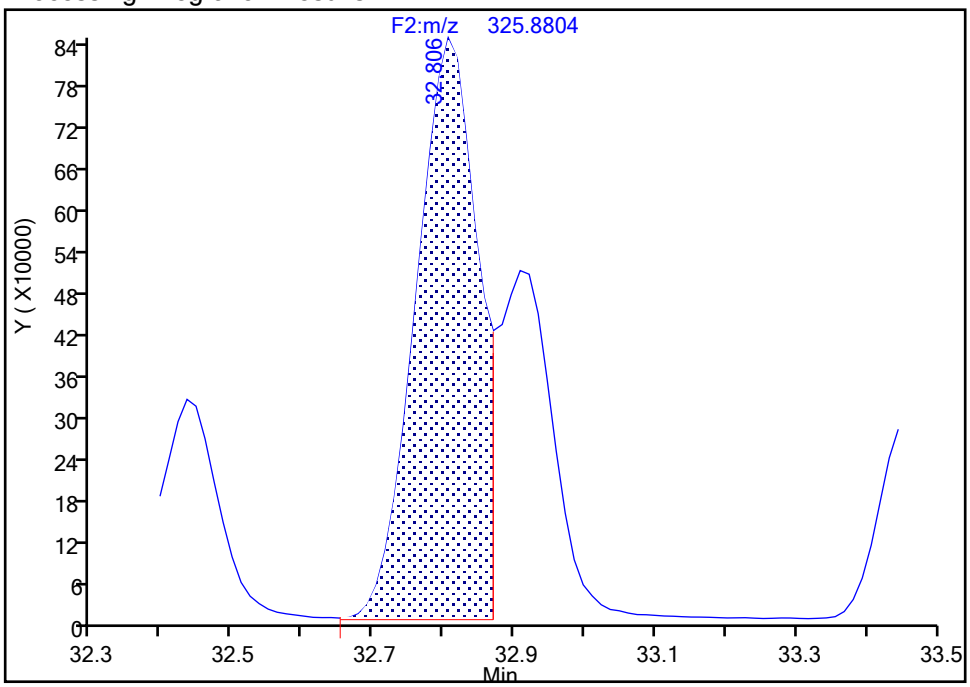
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

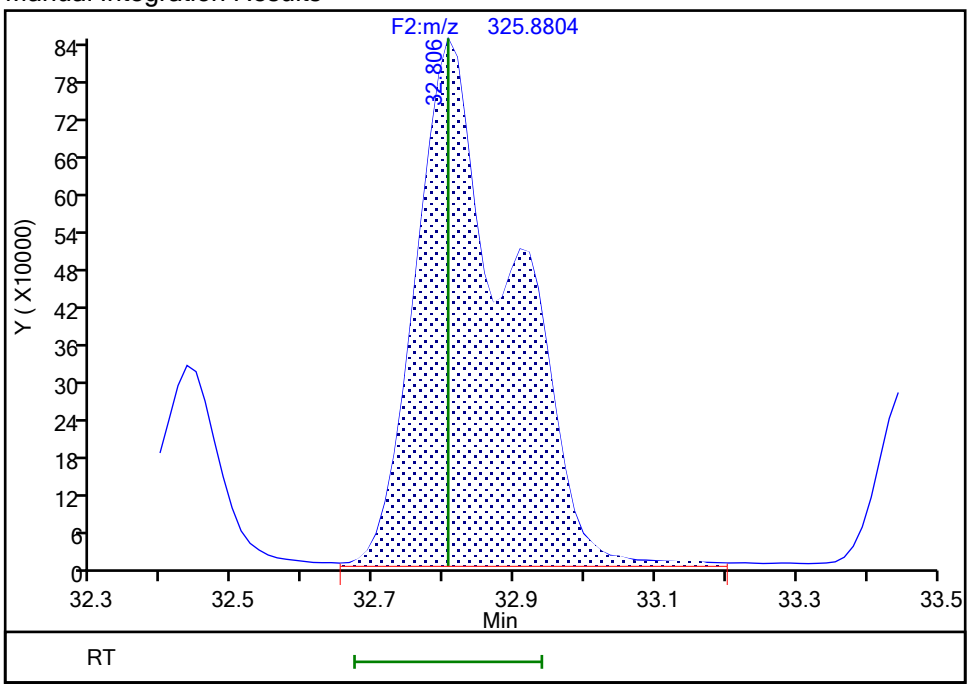
Processing Integration Results

RT: 32.81
Area: 5159695
Amount: 191.0576
Amount Units: pg/ul



Manual Integration Results

RT: 32.81
Area: 7948827
Amount: 294.9916
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:00:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

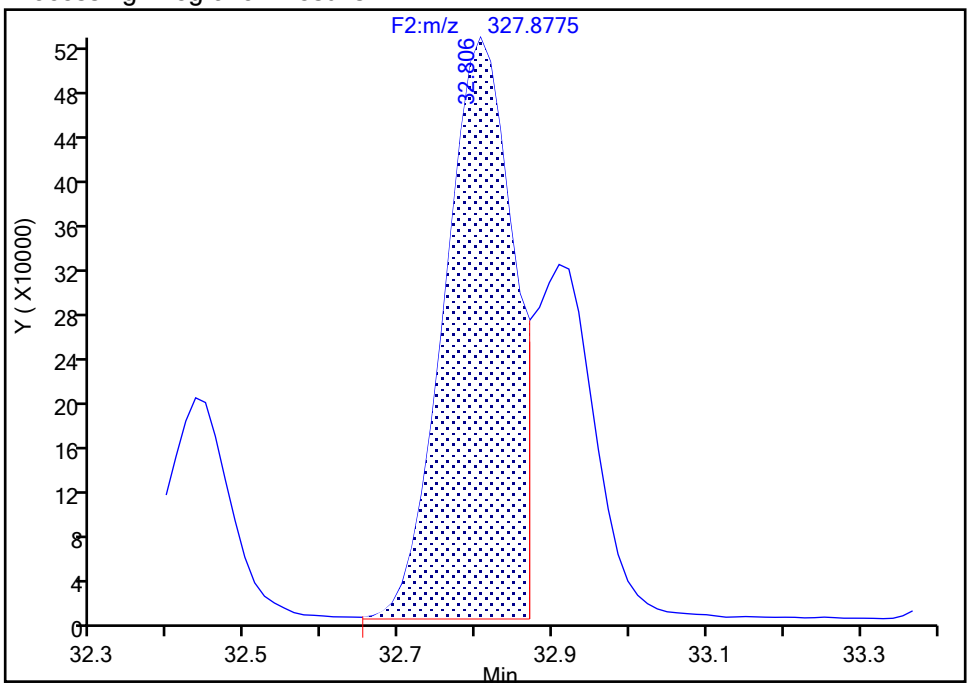
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

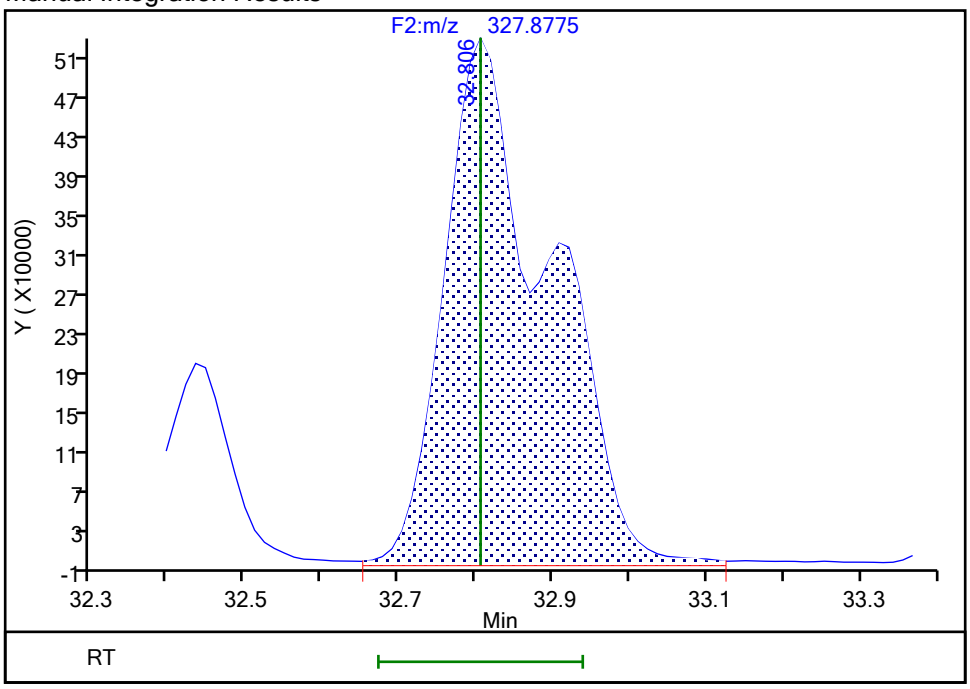
Processing Integration Results

RT: 32.81
Area: 3247625
Amount: 191.0576
Amount Units: pg/ul



Manual Integration Results

RT: 32.81
Area: 5032020
Amount: 294.9916
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:00:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

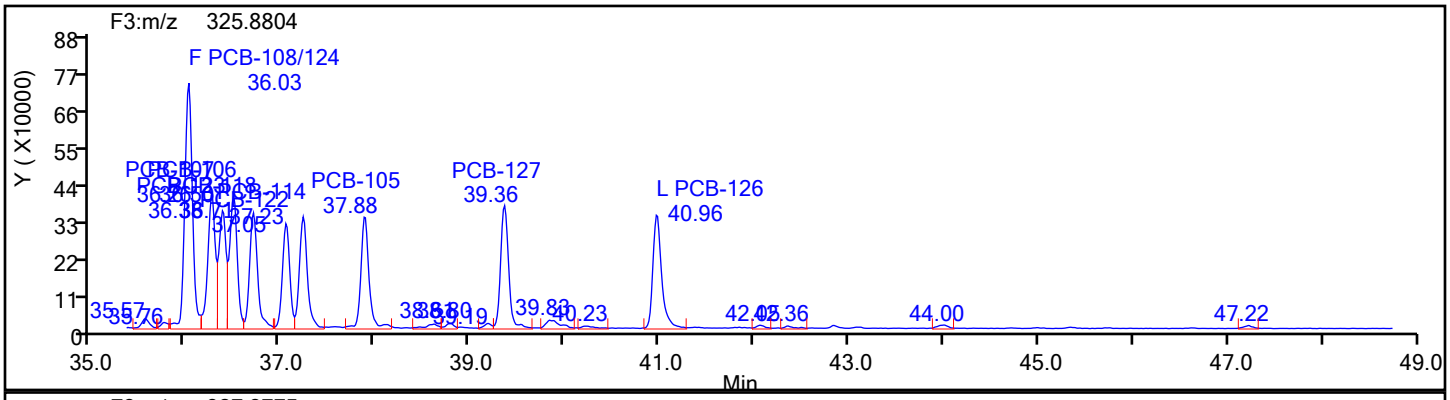
Report Date: 03-Jan-2024 19:05:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

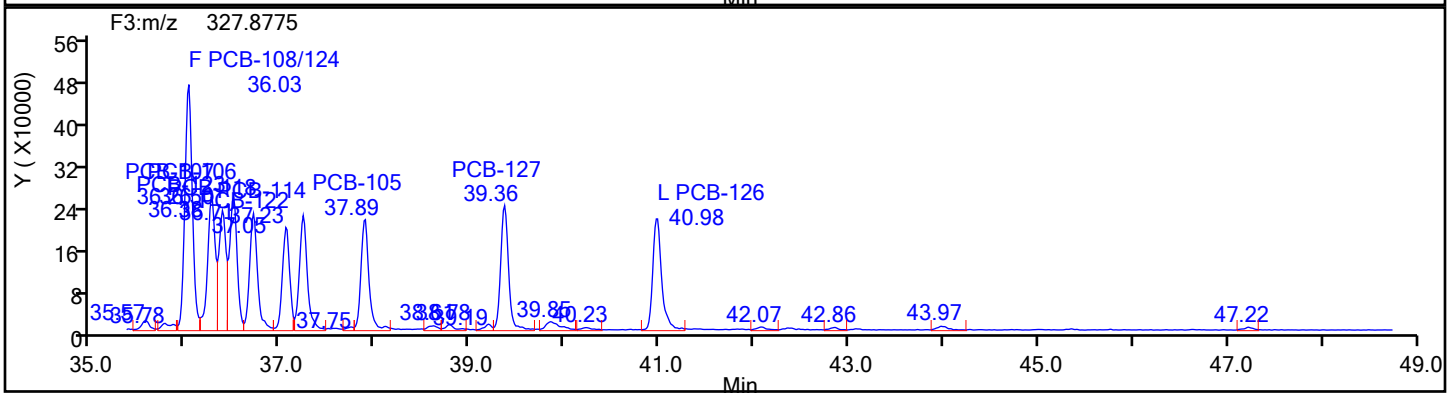
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

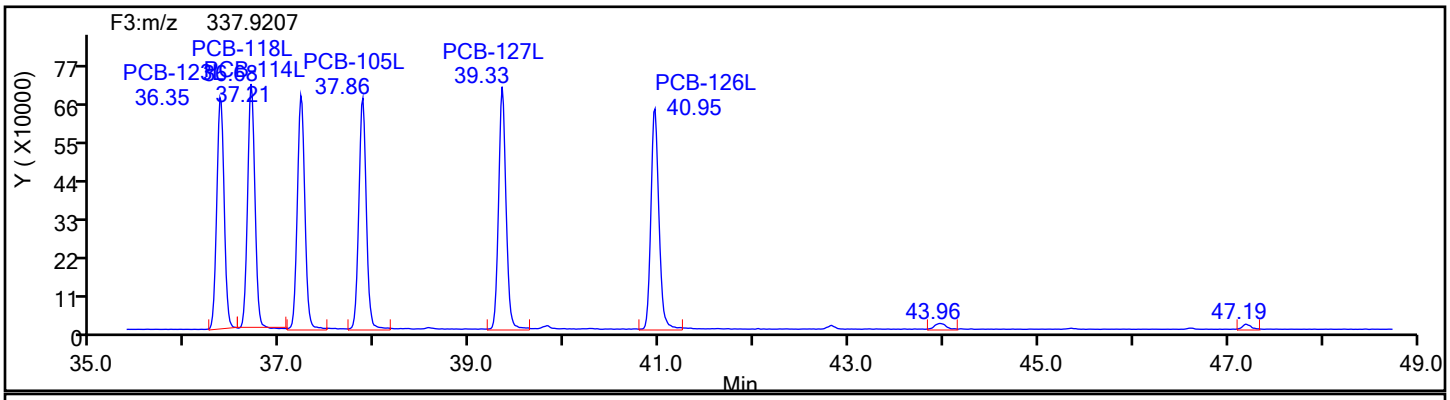
Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

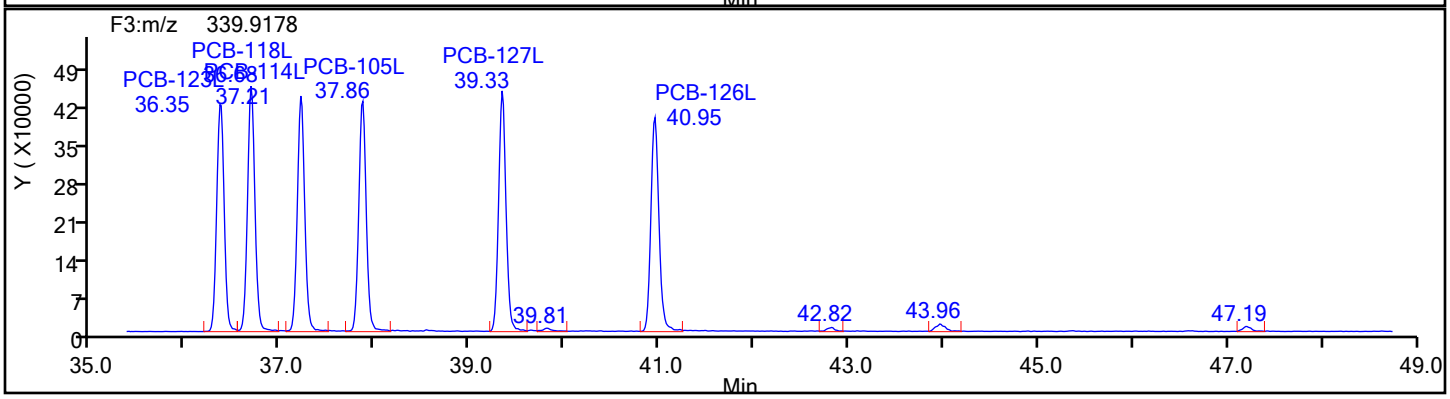
PePCB F3





PePCB F3 Standards



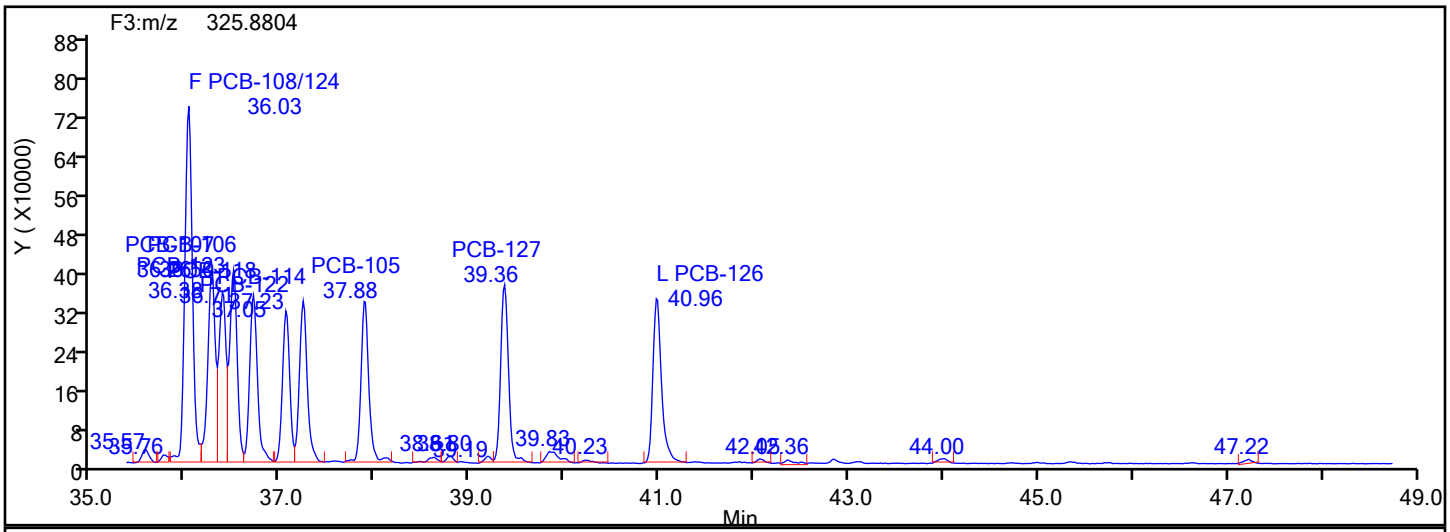


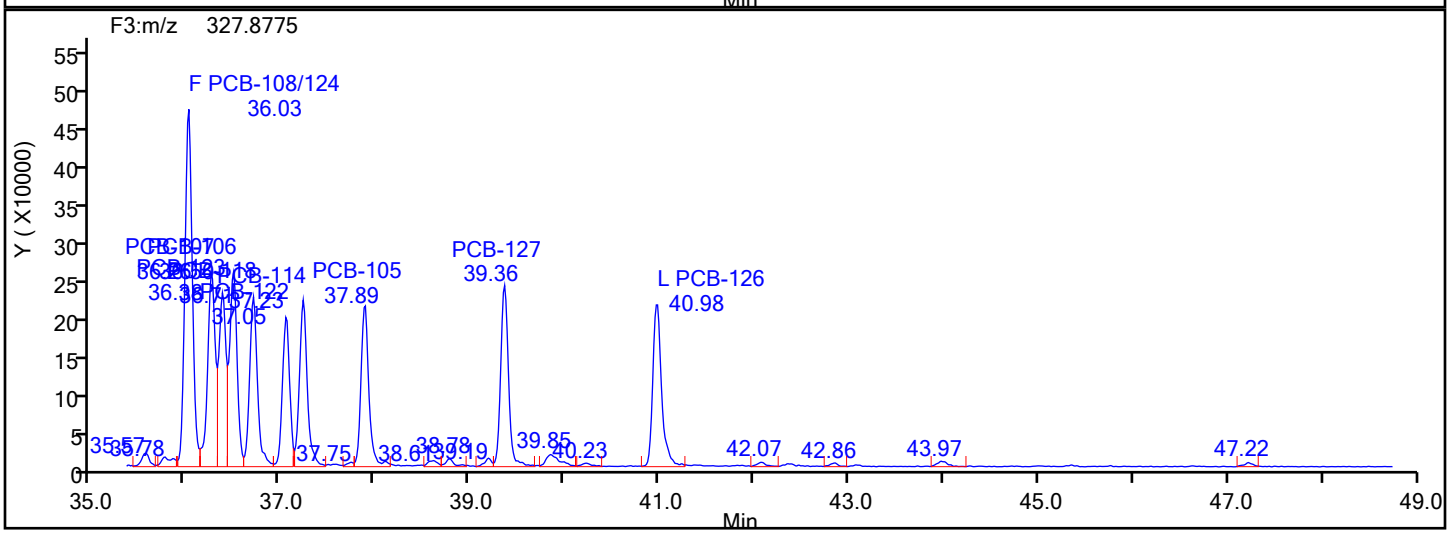
Report Date: 03-Jan-2024 19:05:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

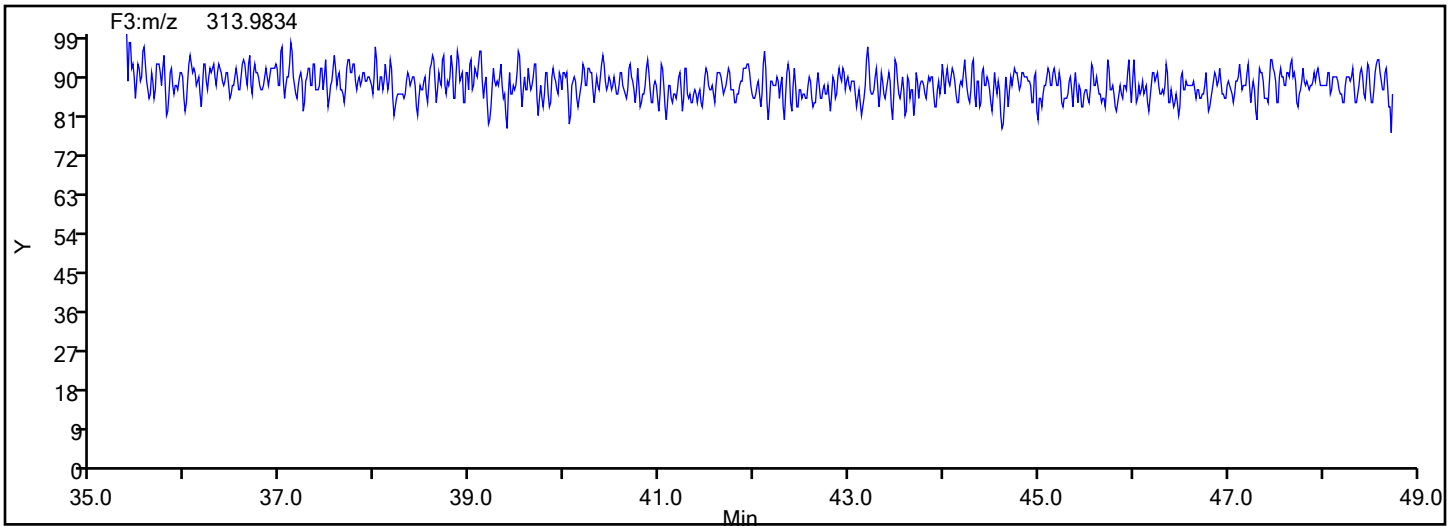
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 1
Column Type: Column Dia:

PePCB F3





PePCB F3 Lock Mass



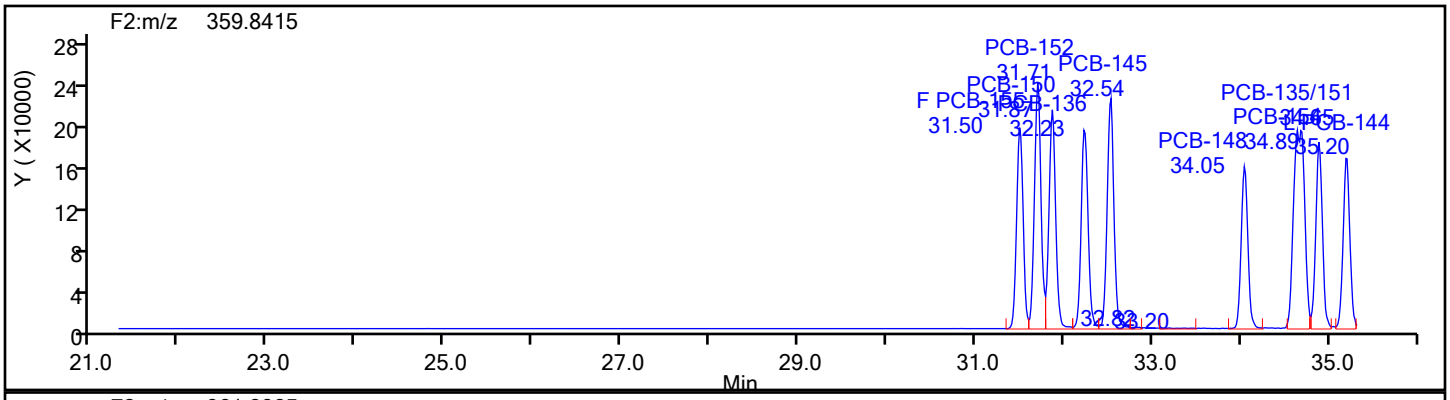
Report Date: 03-Jan-2024 19:05:24 Chrom Revision: 2.3 15-Nov-2023 20:54:34

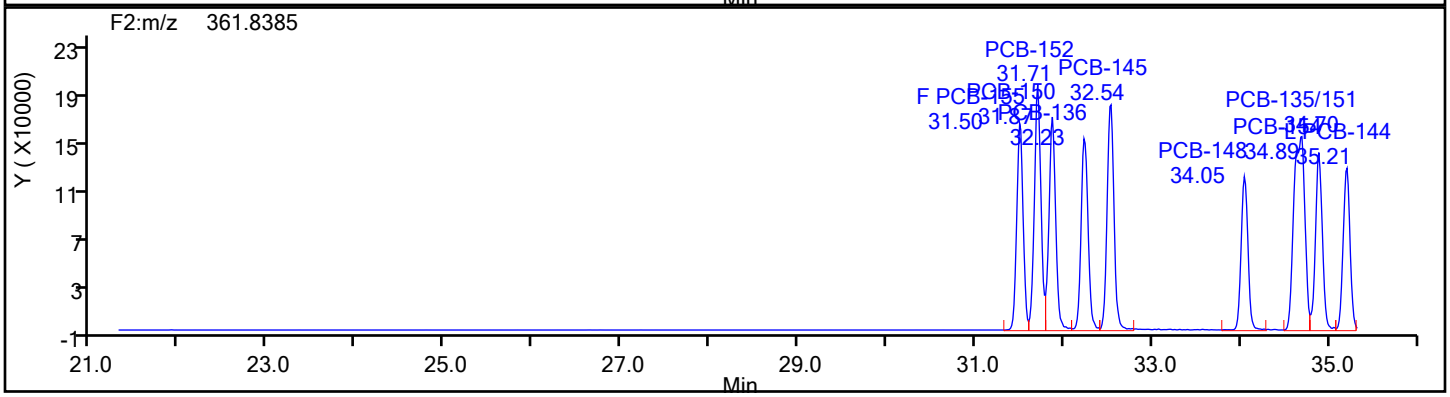
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

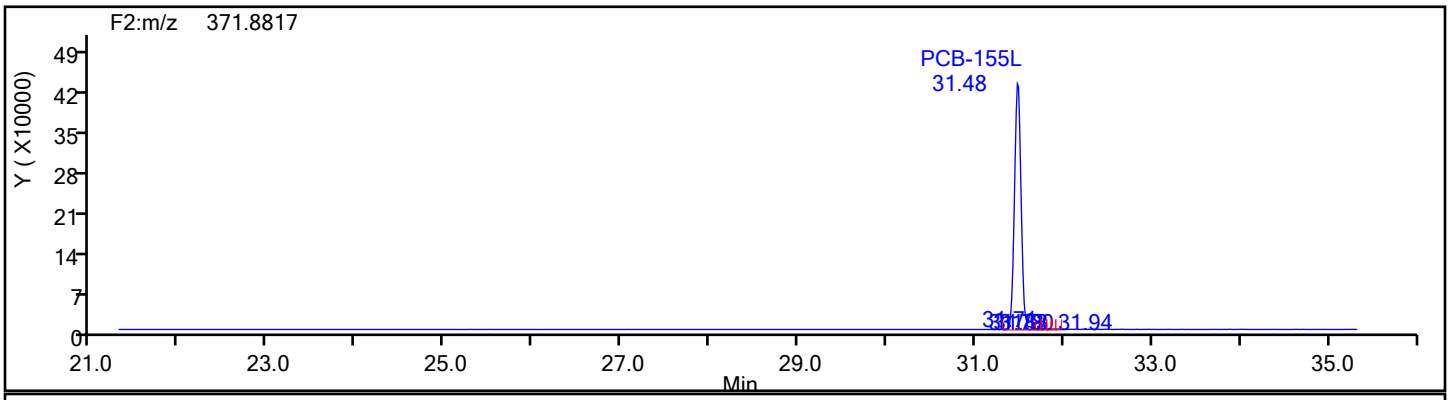
Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

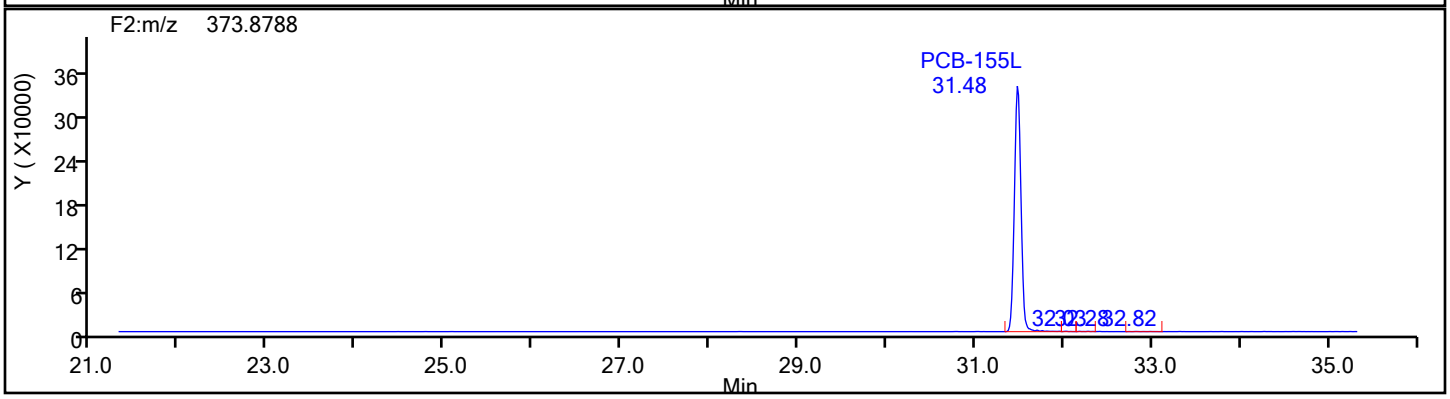
HxPCB F2





HxPCB F2 Standards



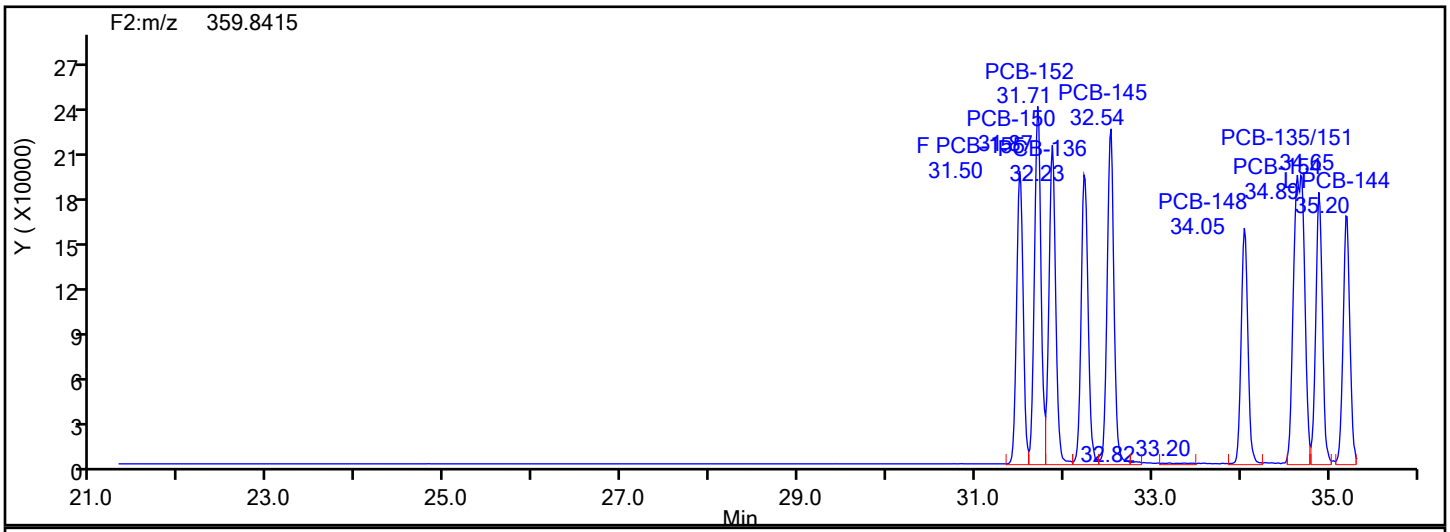


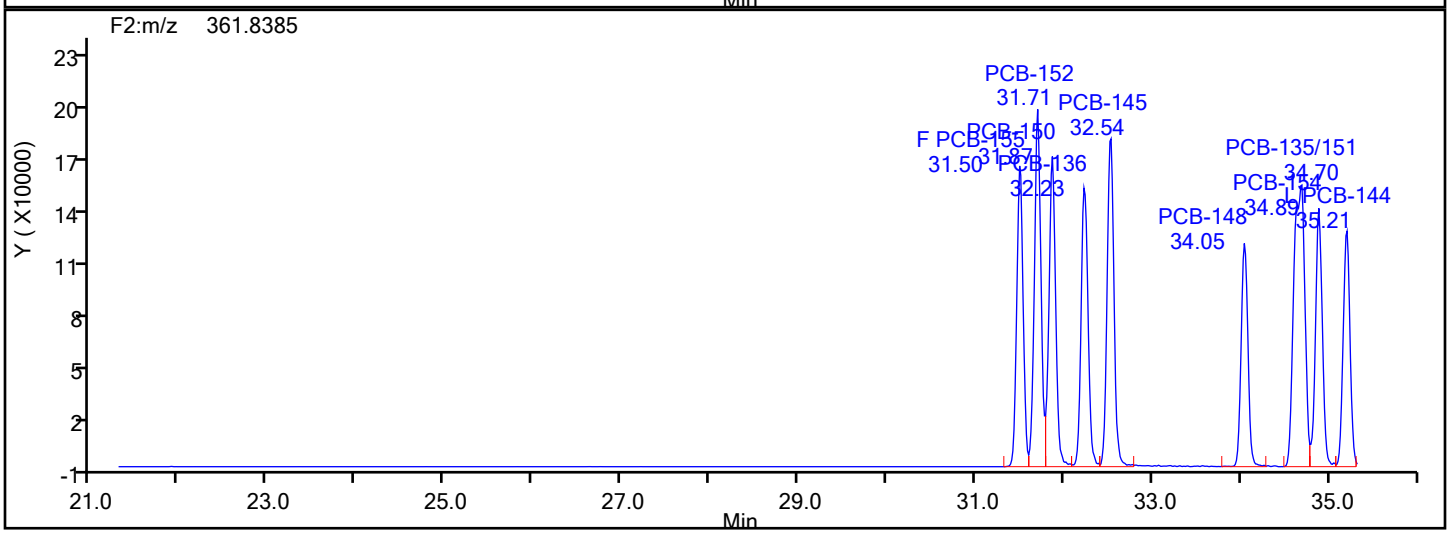
Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

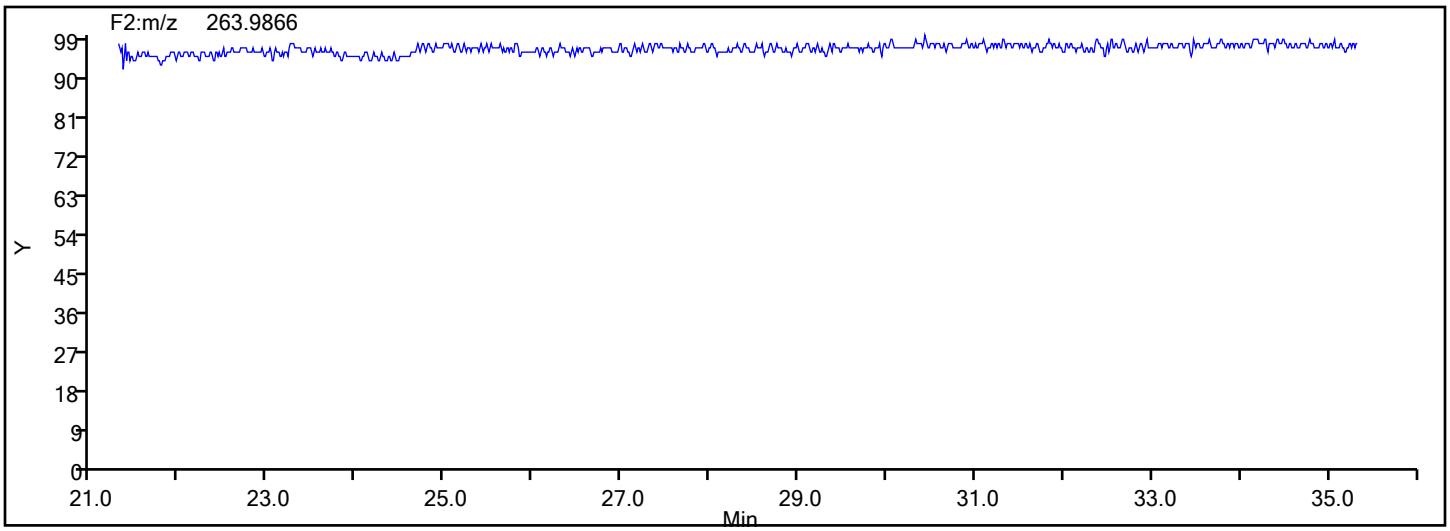
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 1
Column Type: Column Dia:

HxPCB F2





HxPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

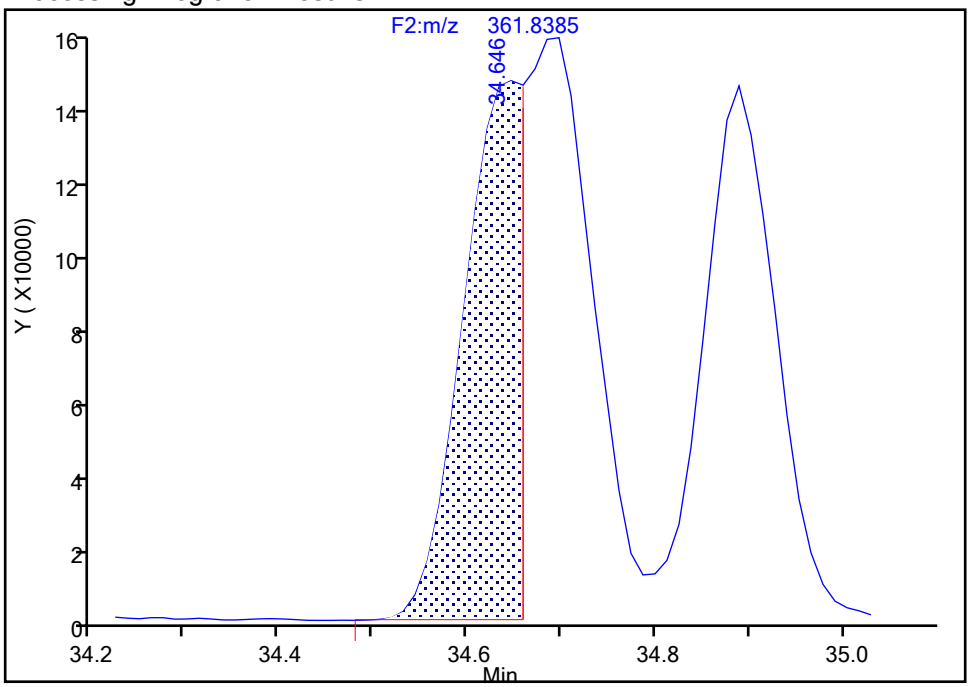
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-135/151, CAS: STL01819

Signal: 2

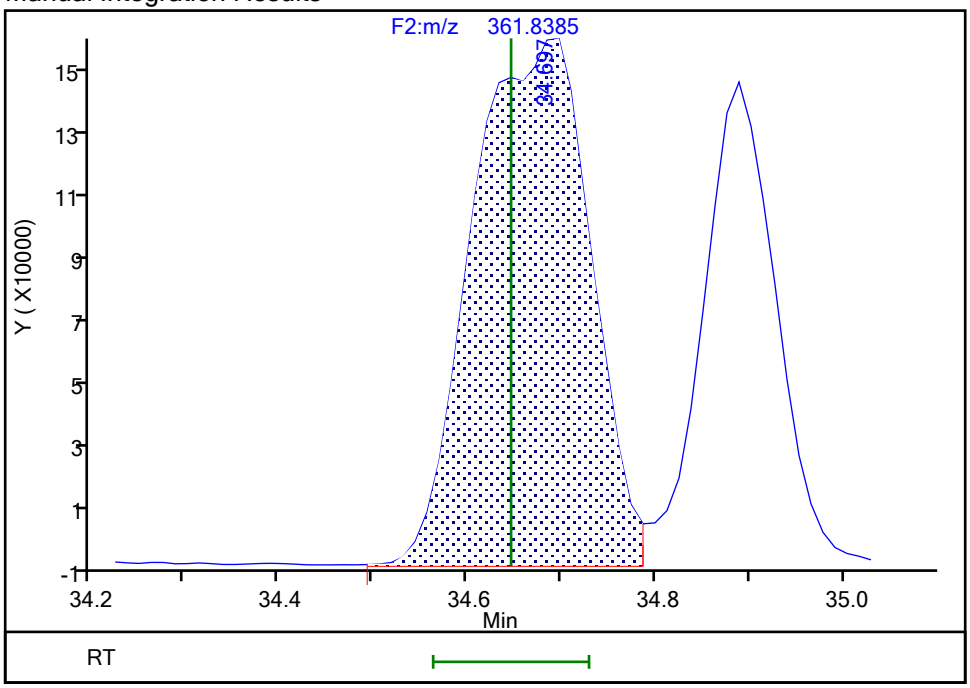
Processing Integration Results

RT: 34.65
Area: 594342
Amount: 76.835581
Amount Units: pg/ul



Manual Integration Results

RT: 34.70
Area: 1334241
Amount: 101.6165
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:00:57 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

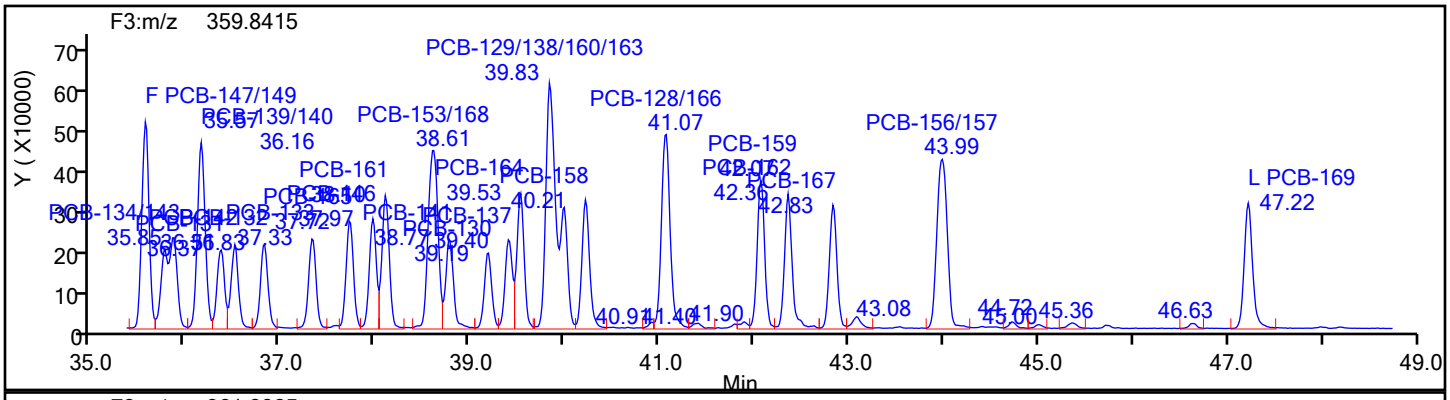
Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

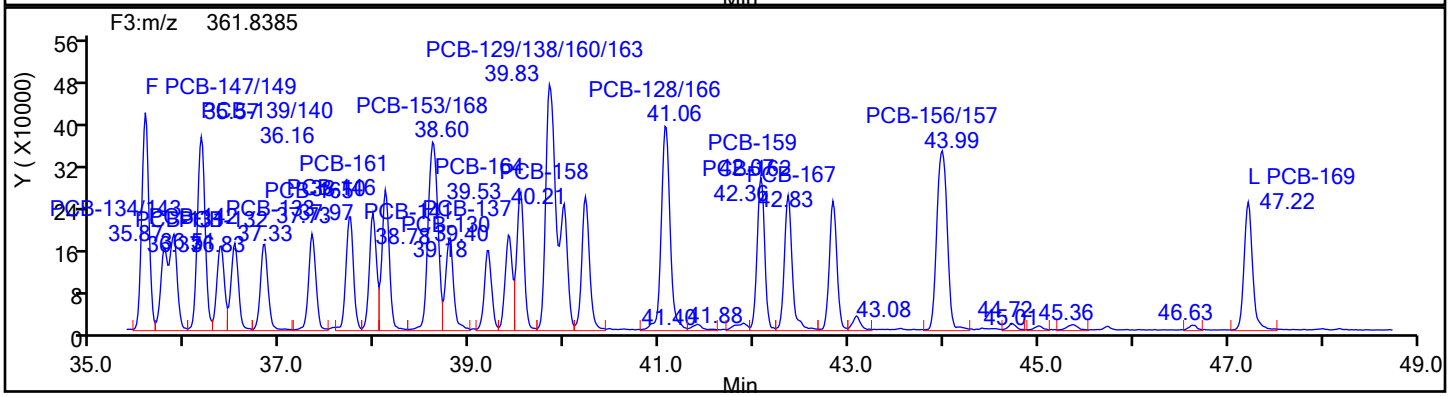
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

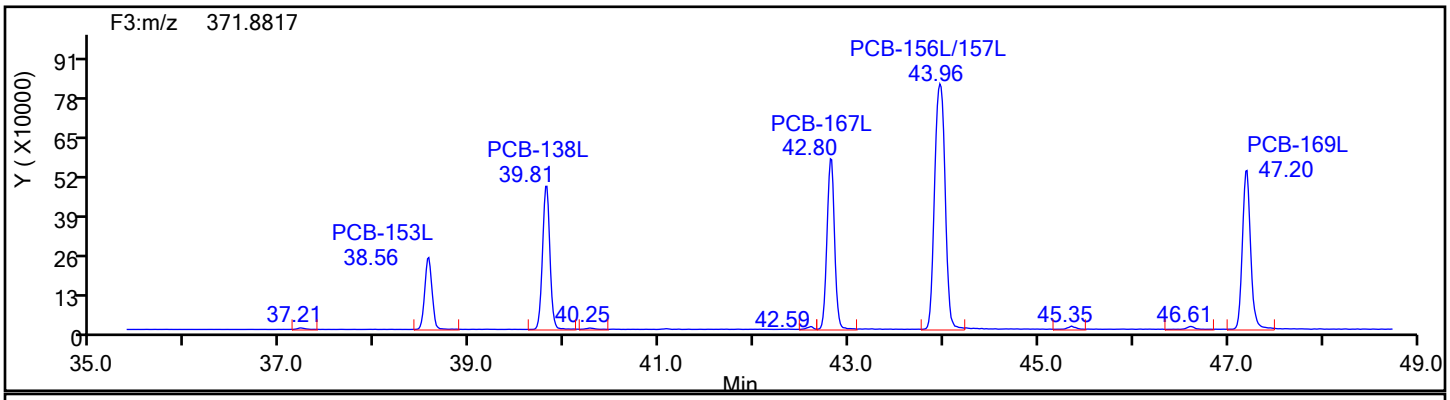
Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

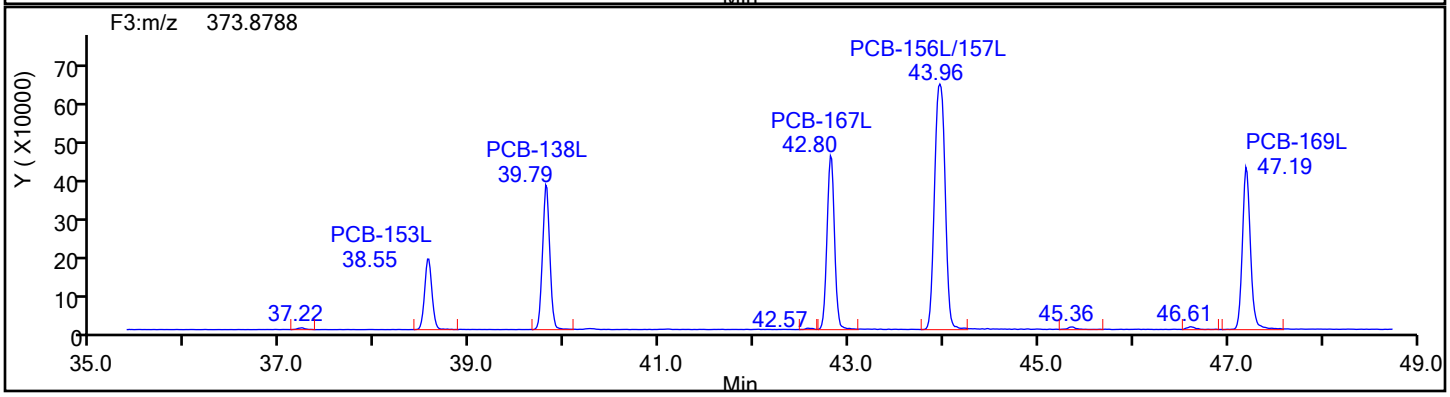
HxPCB F3





HxPCB F3 Standards



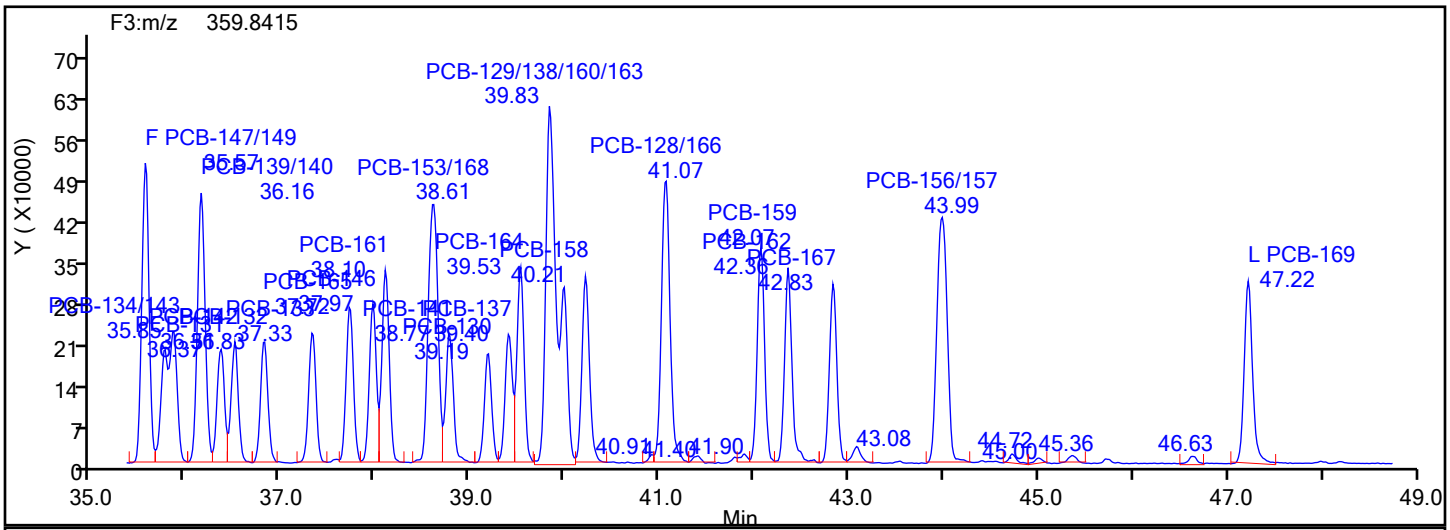


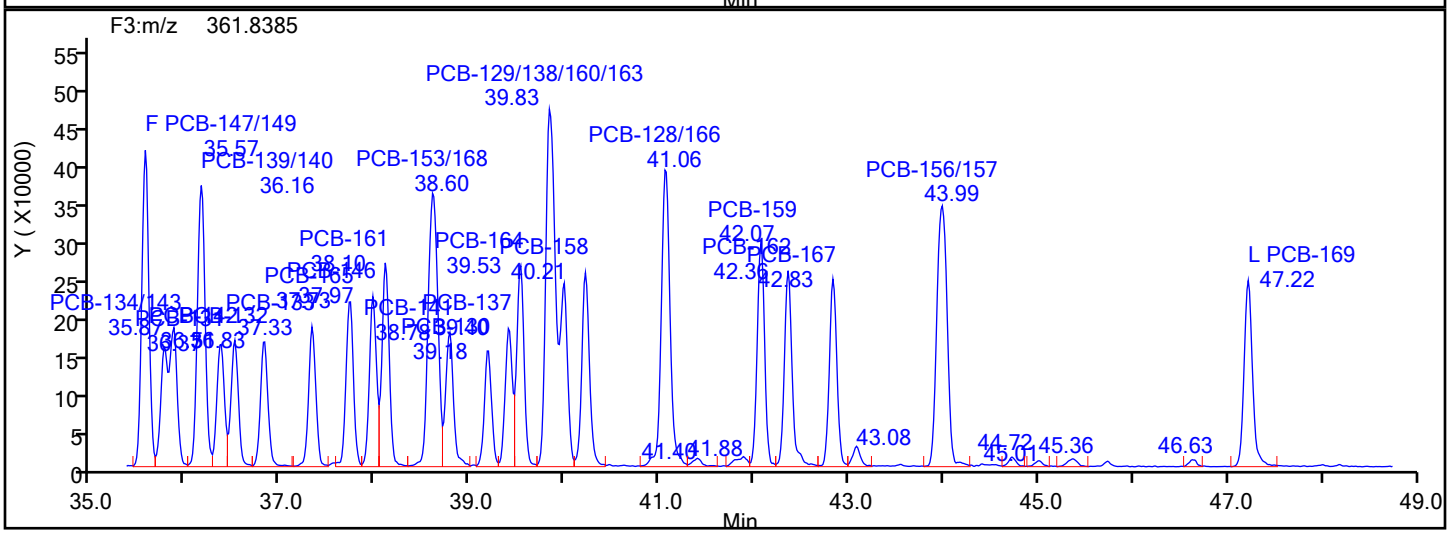
Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

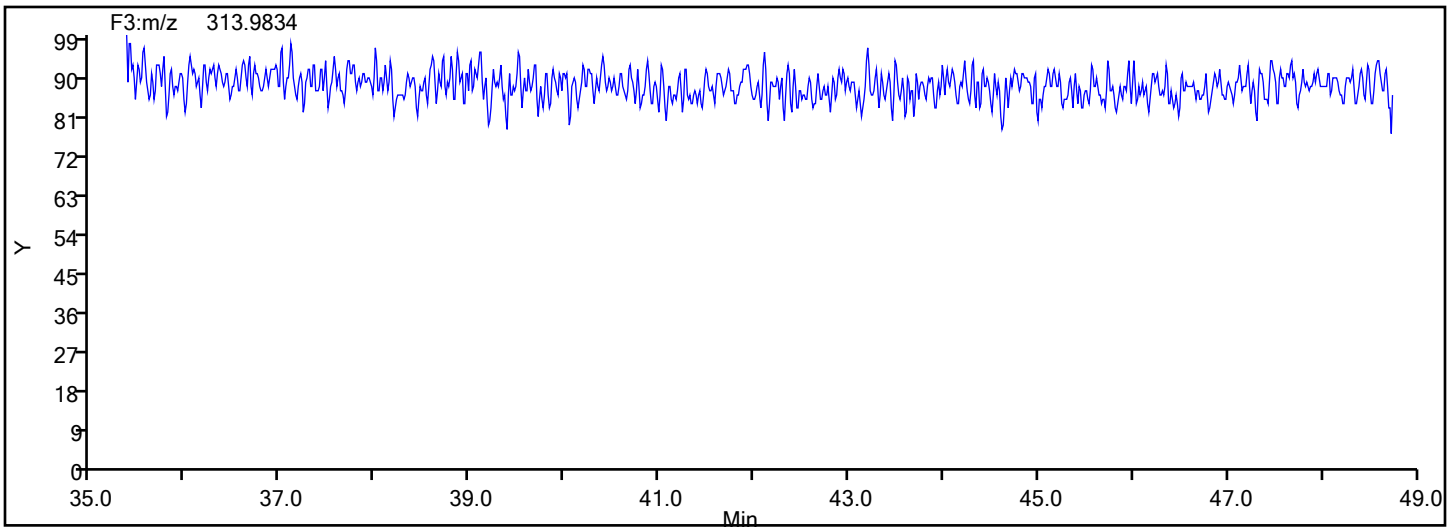
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d		
Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

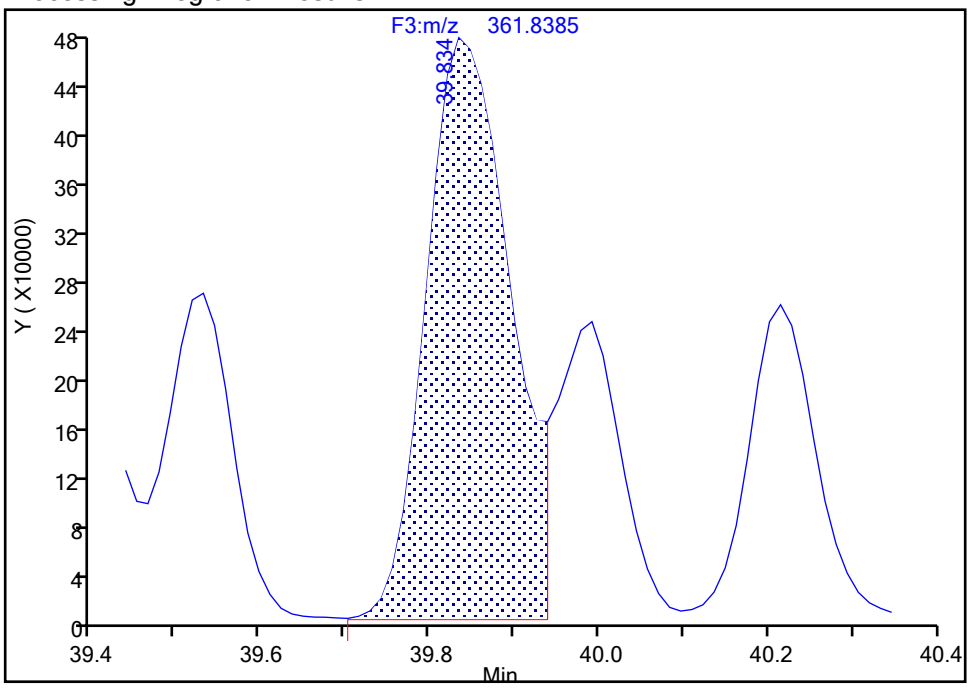
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 2

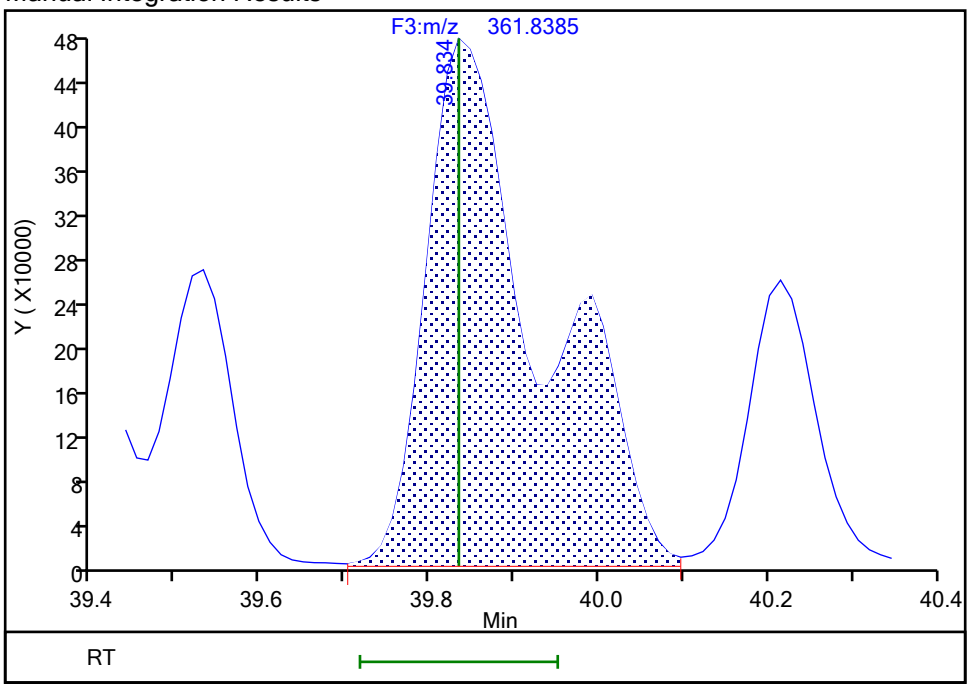
Processing Integration Results

RT: 39.83
Area: 3253615
Amount: 147.1700
Amount Units: pg/ul



Manual Integration Results

RT: 39.83
Area: 4496853
Amount: 204.4388
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:01:17 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

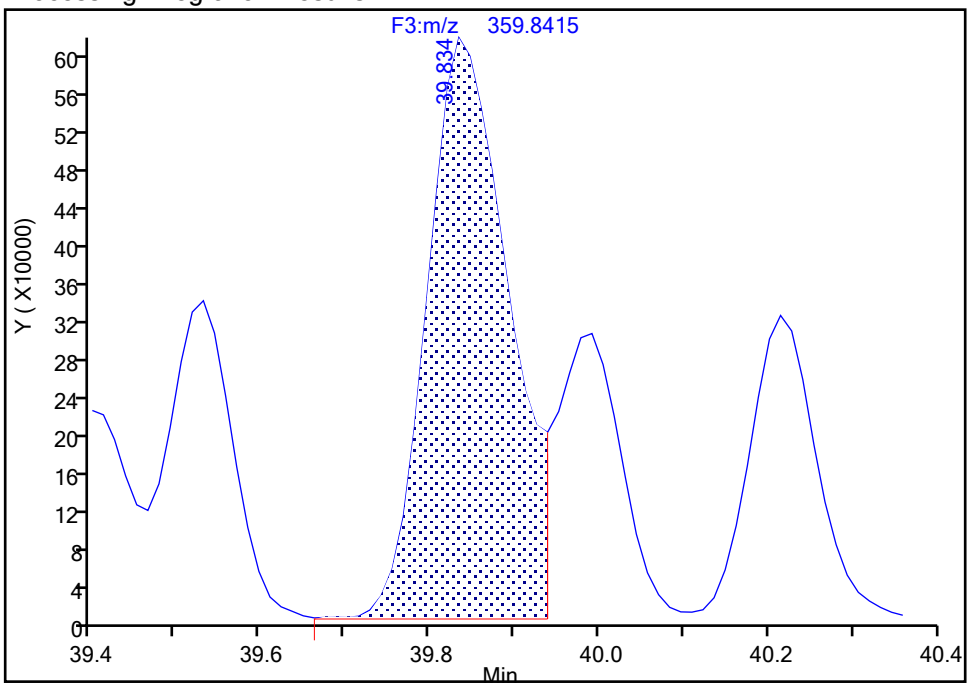
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 1

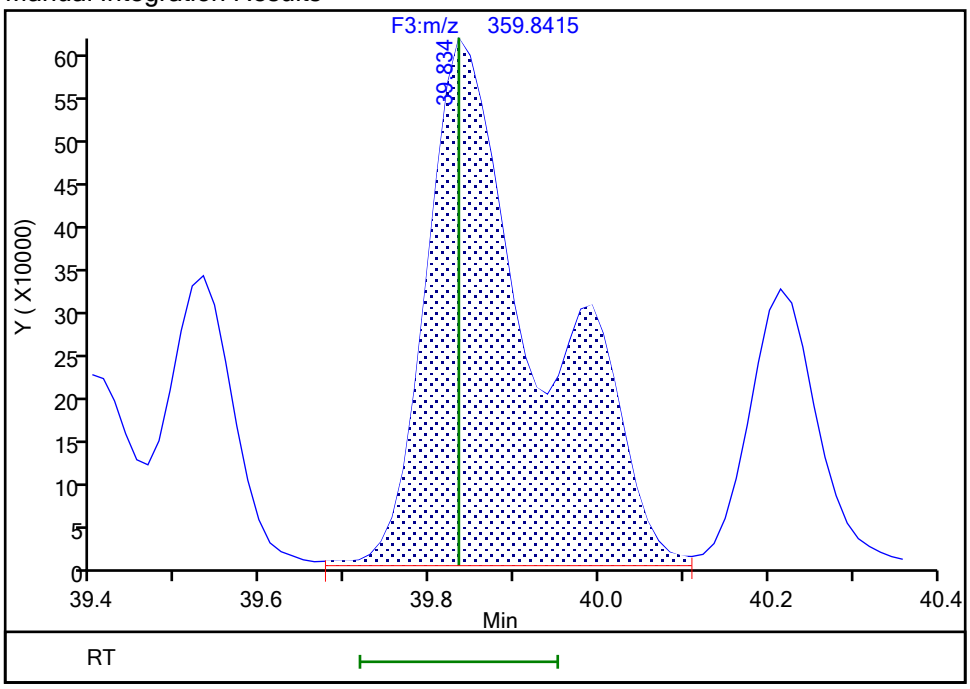
Processing Integration Results

RT: 39.83
Area: 4116606
Amount: 147.1700
Amount Units: pg/ul



Manual Integration Results

RT: 39.83
Area: 5741368
Amount: 204.4388
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:01:26 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

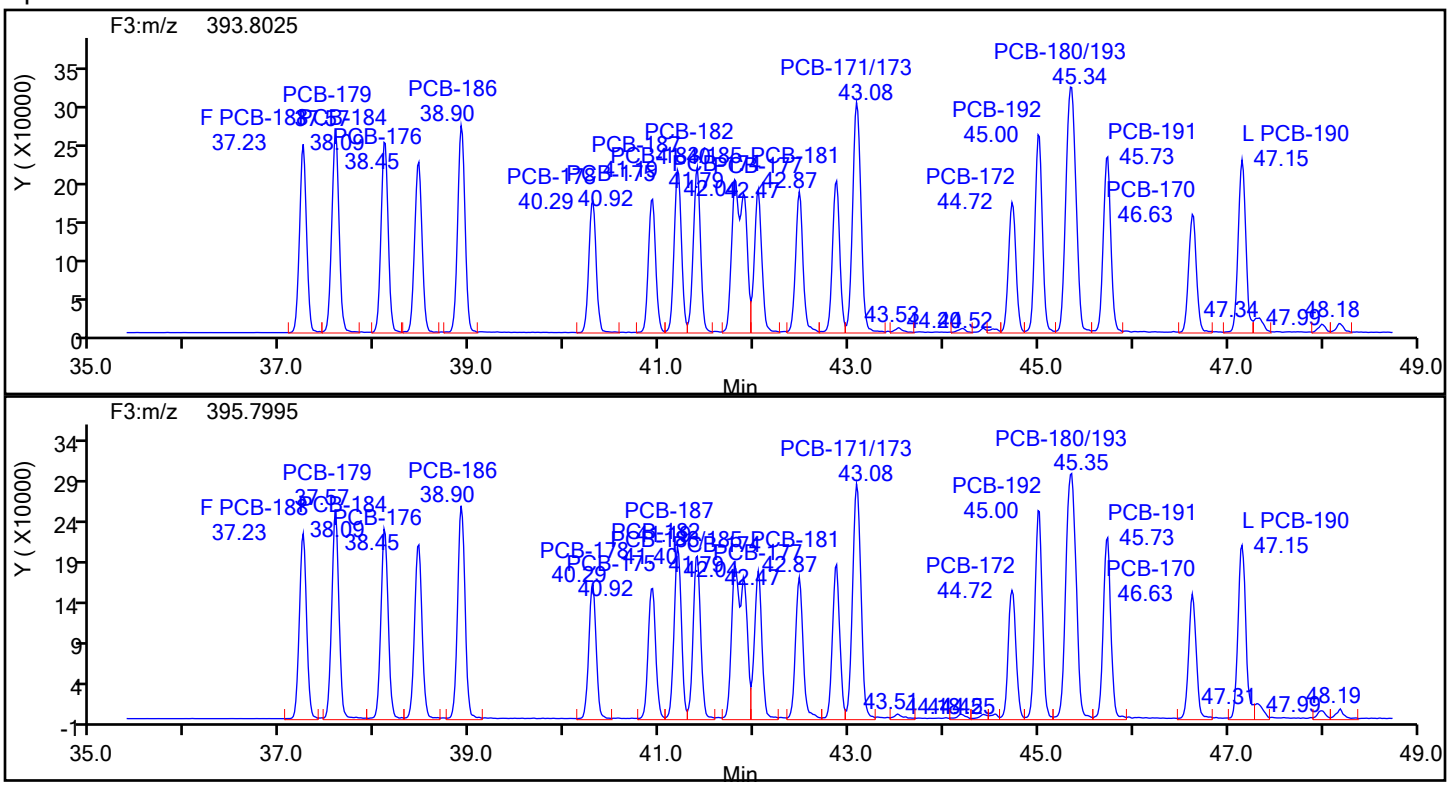
Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

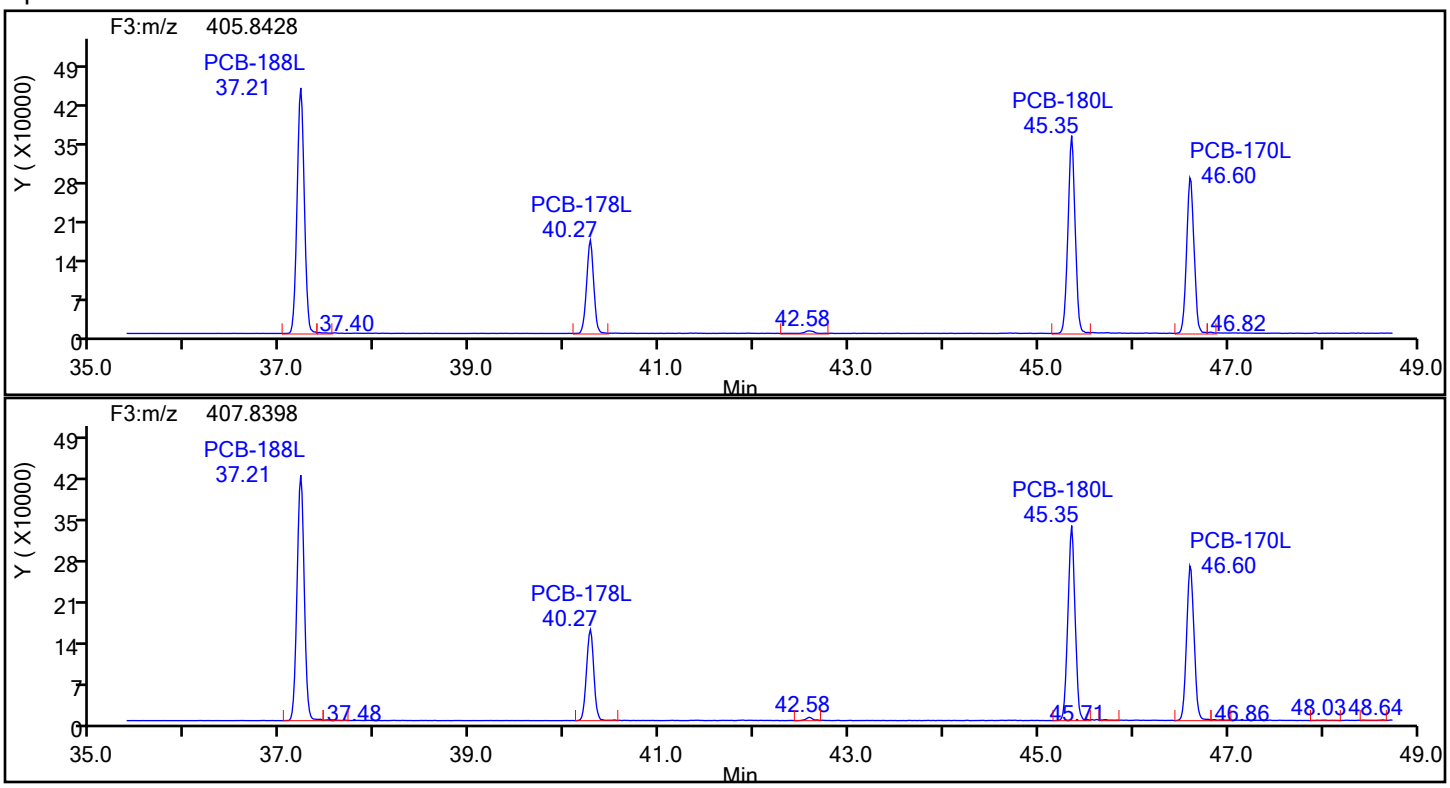
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

HpPCB F3



HpPCB F3 Standards



Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d		
Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
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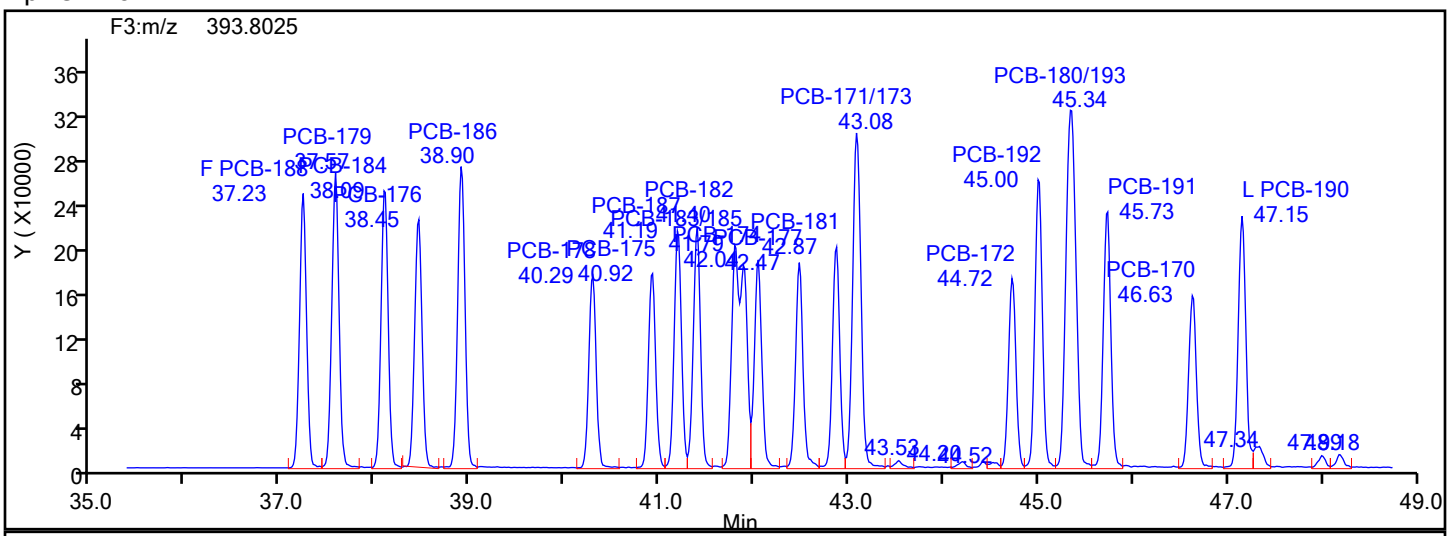
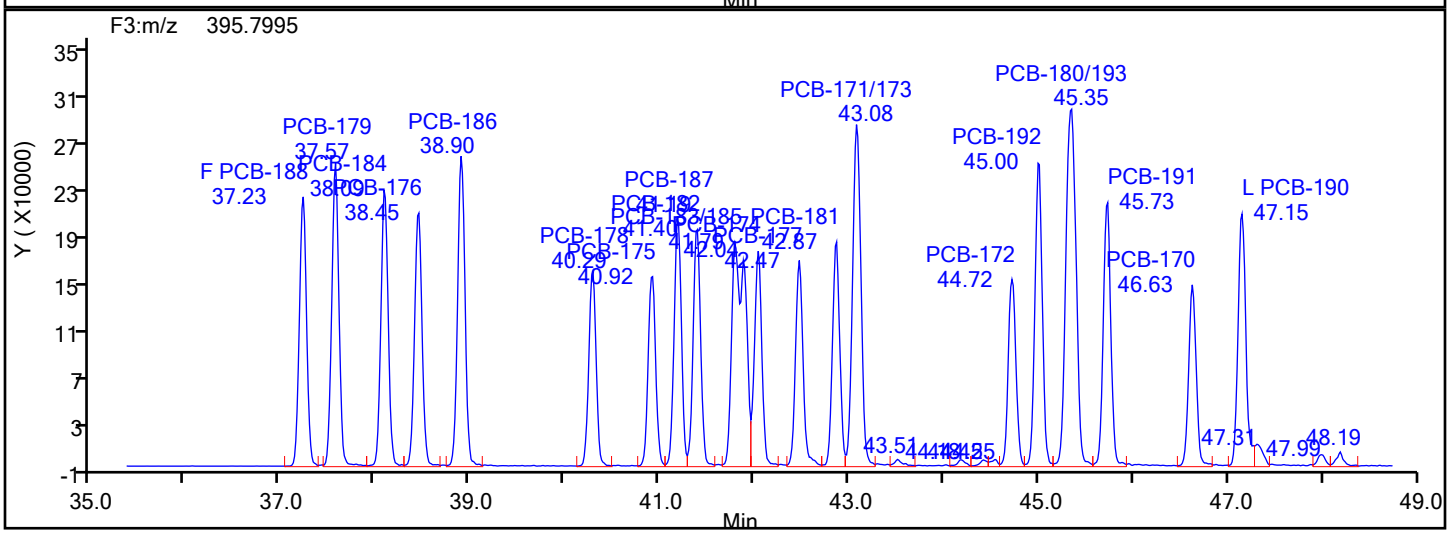
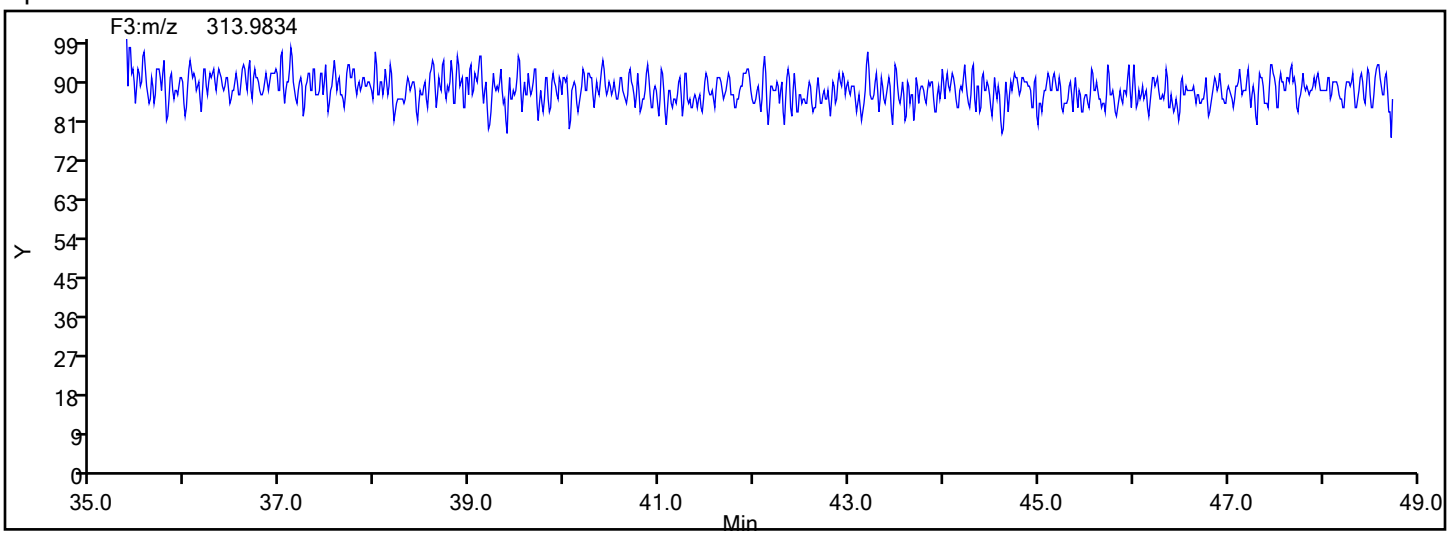
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

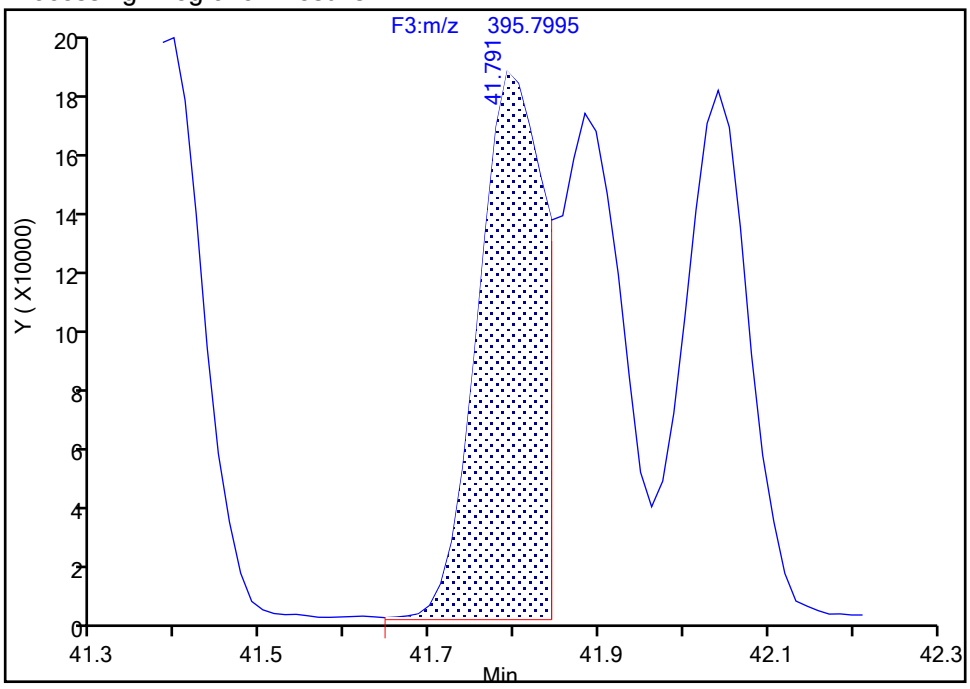
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

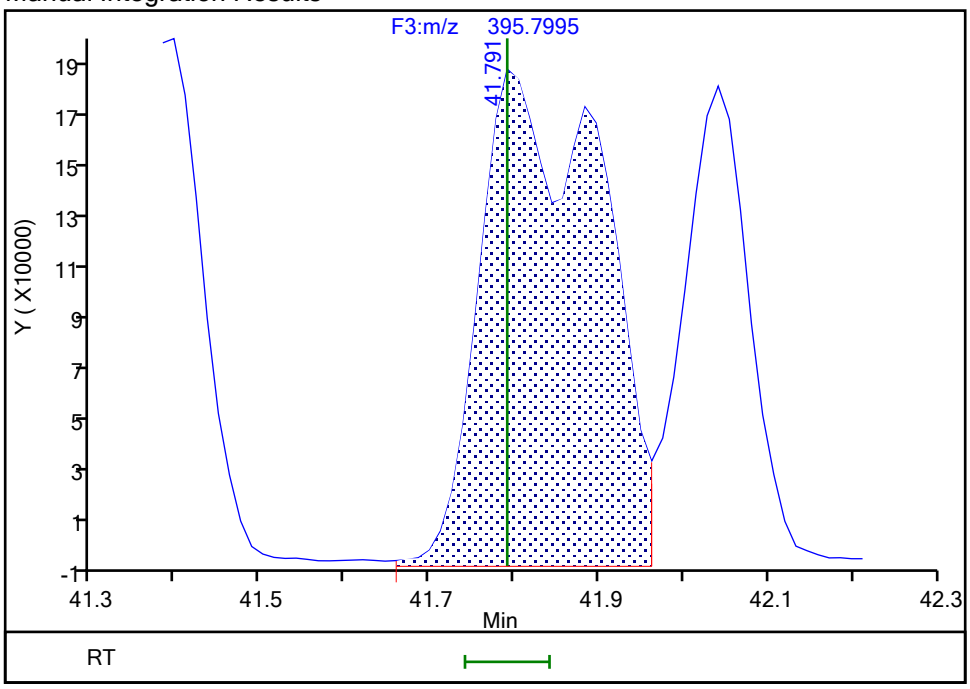
Processing Integration Results

RT: 41.79
Area: 976731
Amount: 54.263351
Amount Units: pg/ul



Manual Integration Results

RT: 41.79
Area: 1863638
Amount: 103.5133
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:01:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

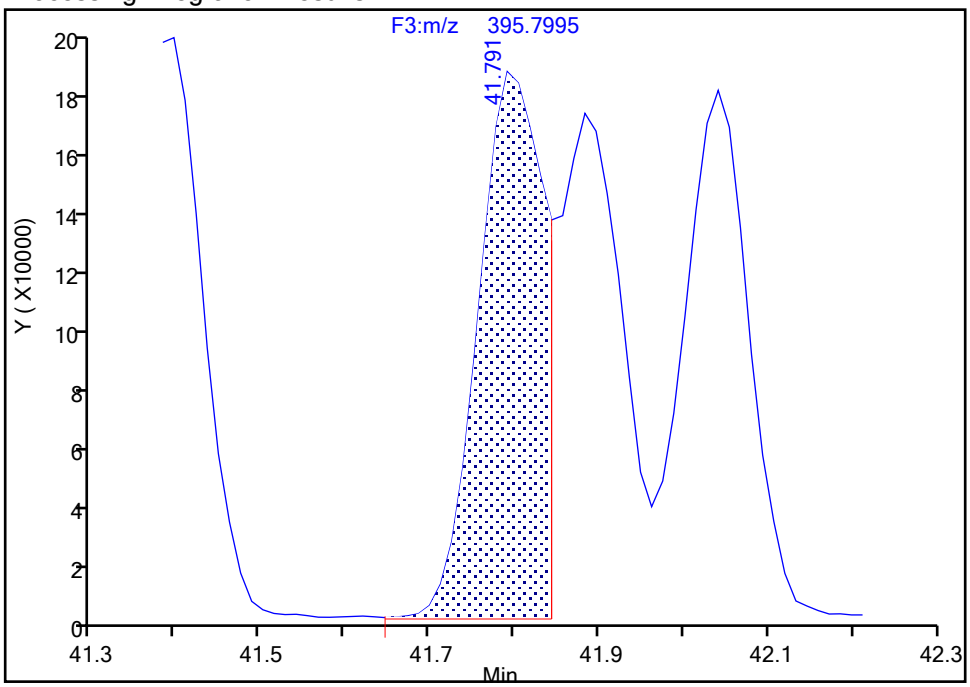
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

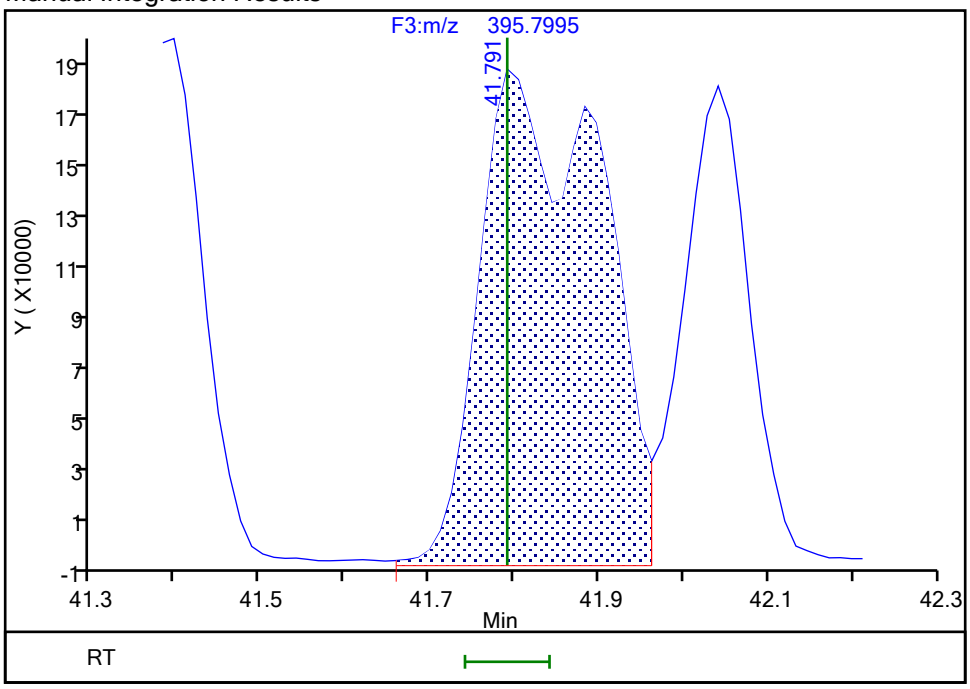
Processing Integration Results

RT: 41.79
Area: 976731
Amount: 54.263351
Amount Units: pg/ul



Manual Integration Results

RT: 41.79
Area: 1863638
Amount: 103.5133
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:02:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

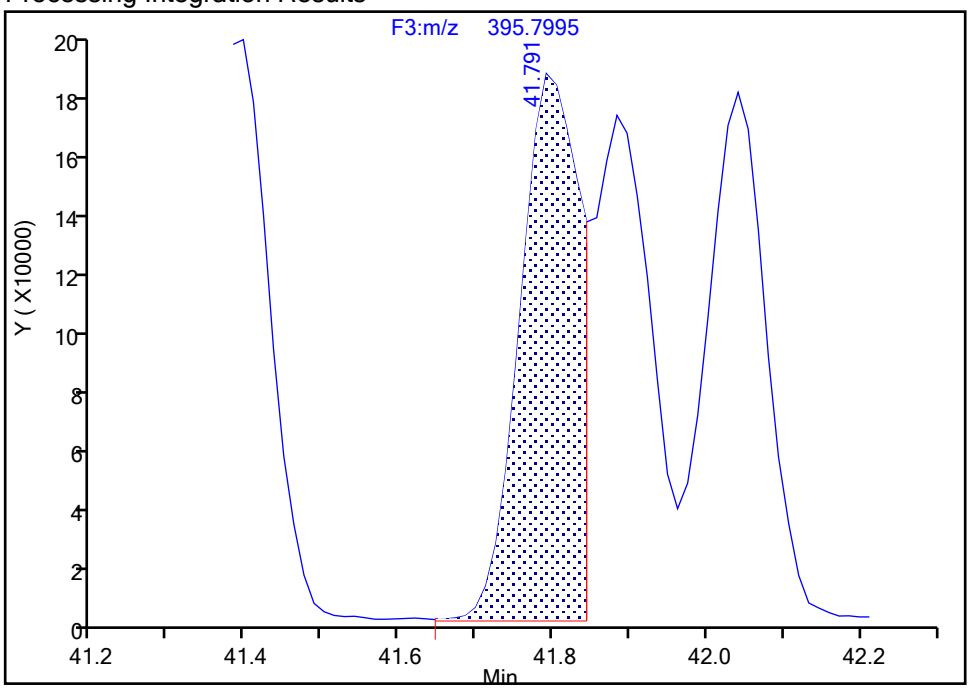
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 3

Processing Integration Results

RT: 41.79
Area: 2011961
Amount: 54.263351
Amount Units: pg/ul



Manual Integration Results

RT: 41.79
Area: 3838035
Amount: 103.5133
Amount Units: pg/ul
Reviewer: V4XA, 03-Jan-2024 19:02:15 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

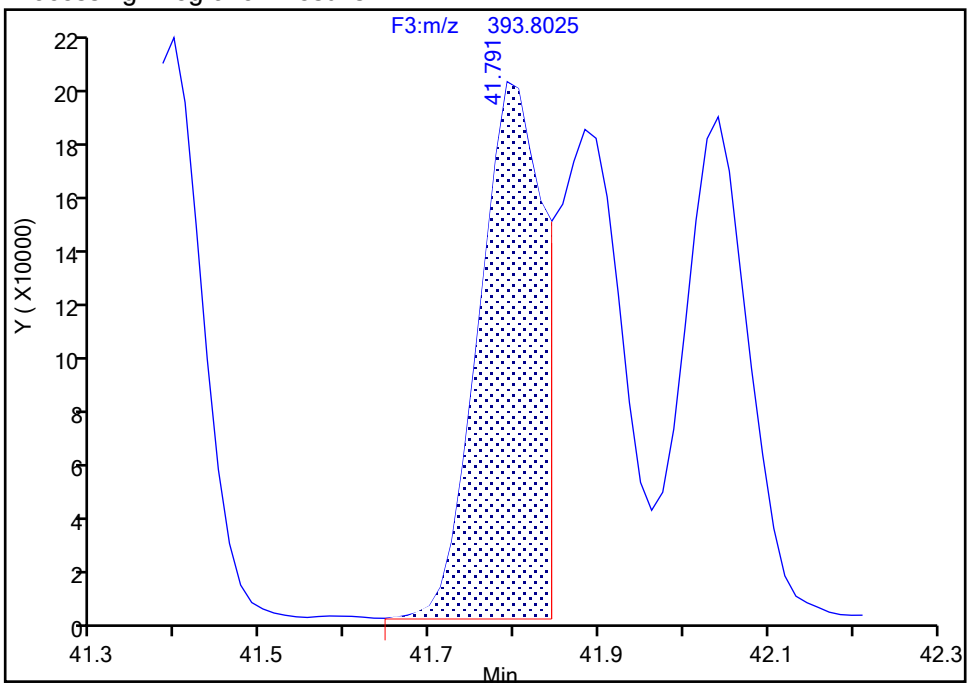
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d				
Injection Date:	03-Jan-2024 14:42:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

Processing Integration Results

RT: 41.79
Area: 1035230
Amount: 54.263351
Amount Units: pg/ul



Manual Integration Results

RT: 41.79
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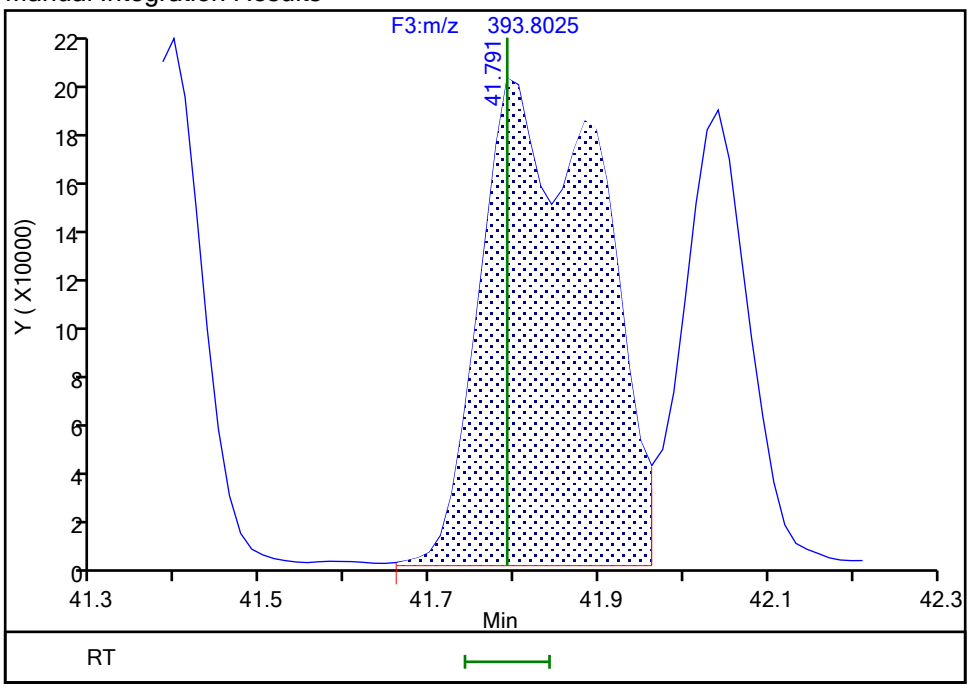
Amount: 103.5133
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:02:17 -05:00:00 (UTC)

Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Baseline

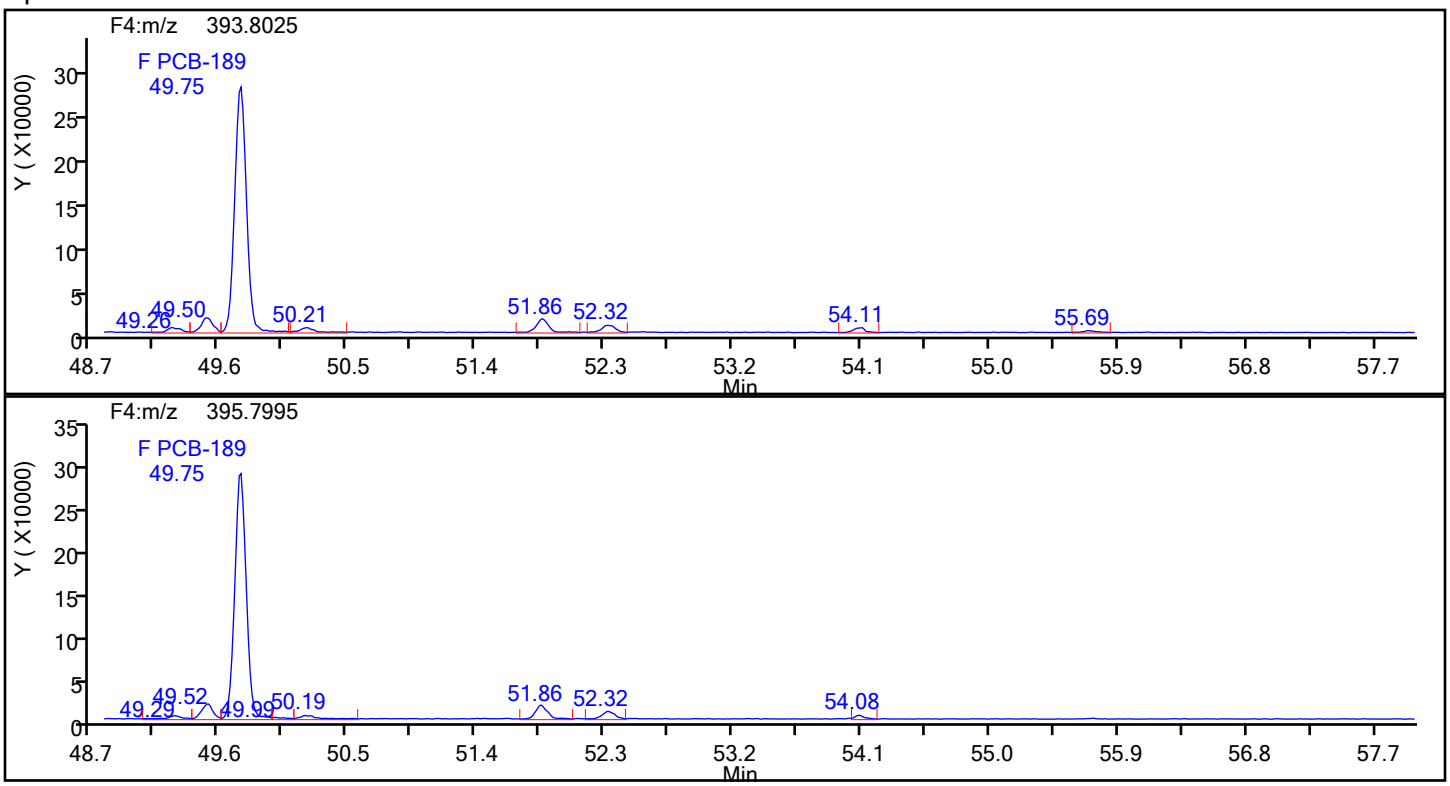
Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

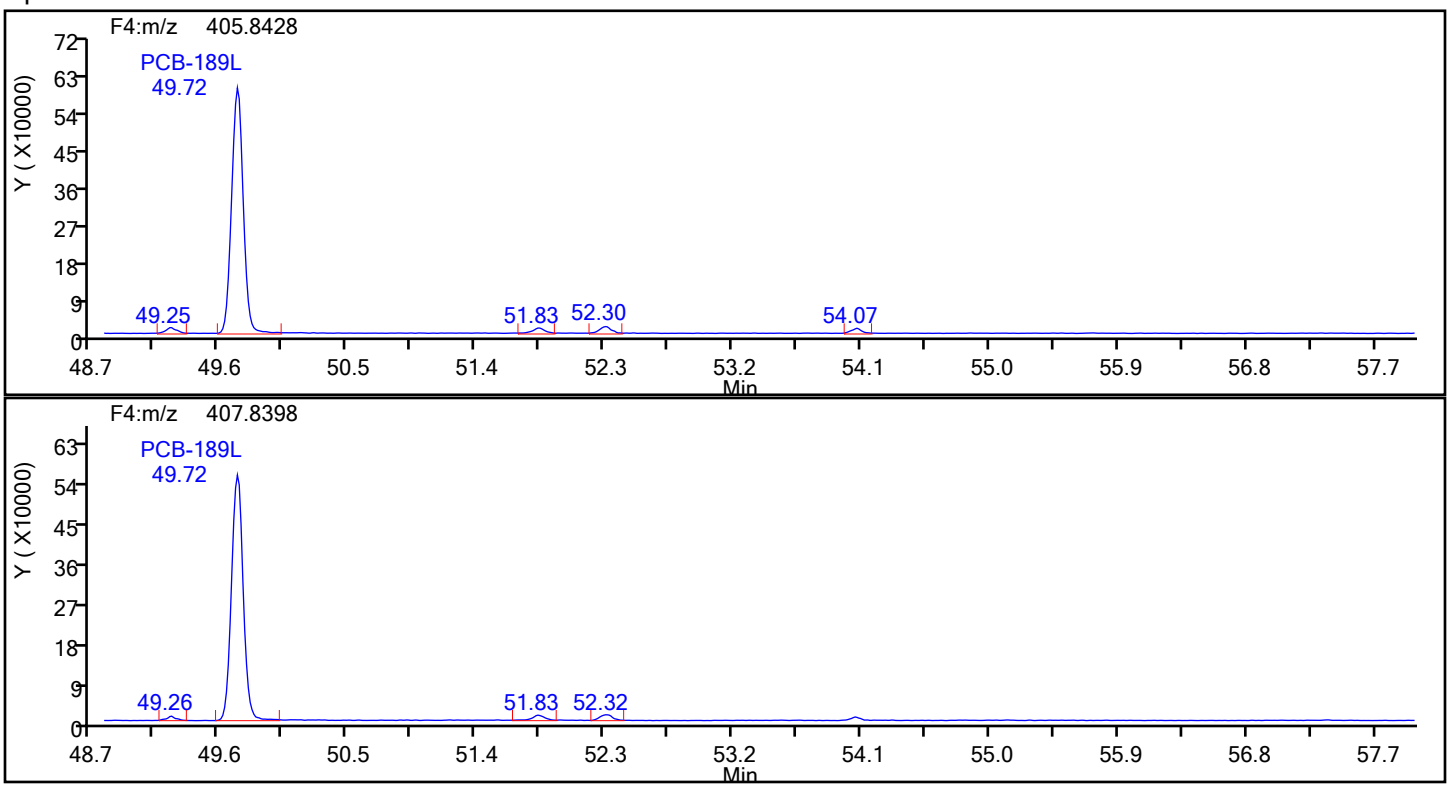
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

HpPCB F4



HpPCB F4 Standards



Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d		
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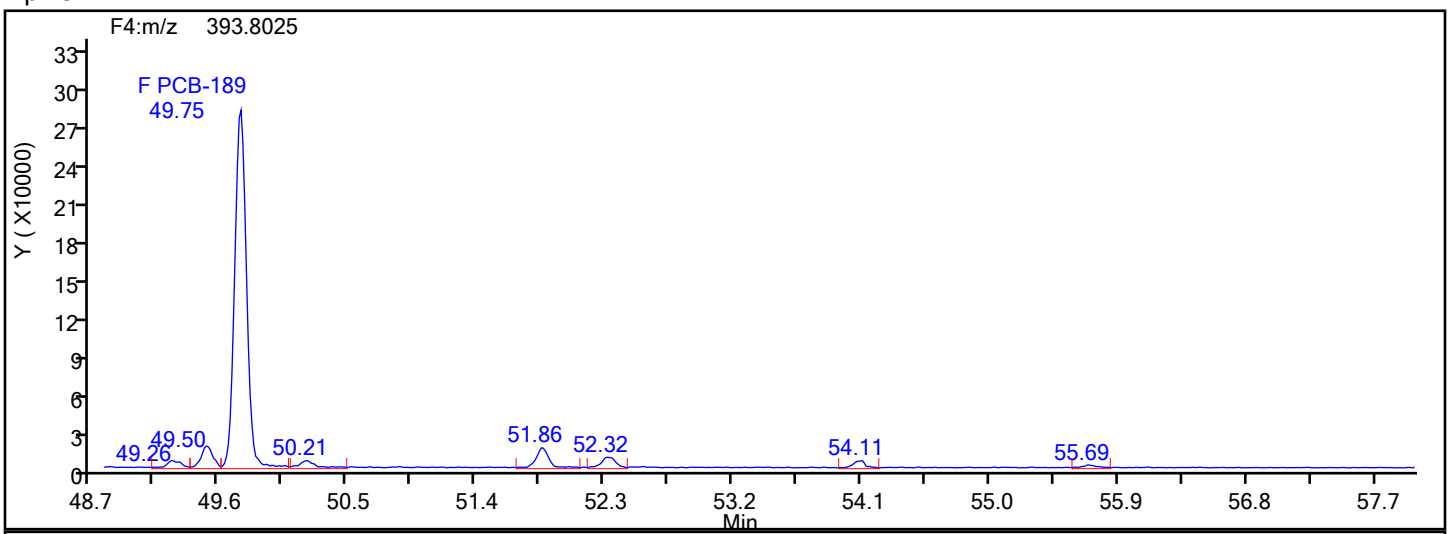
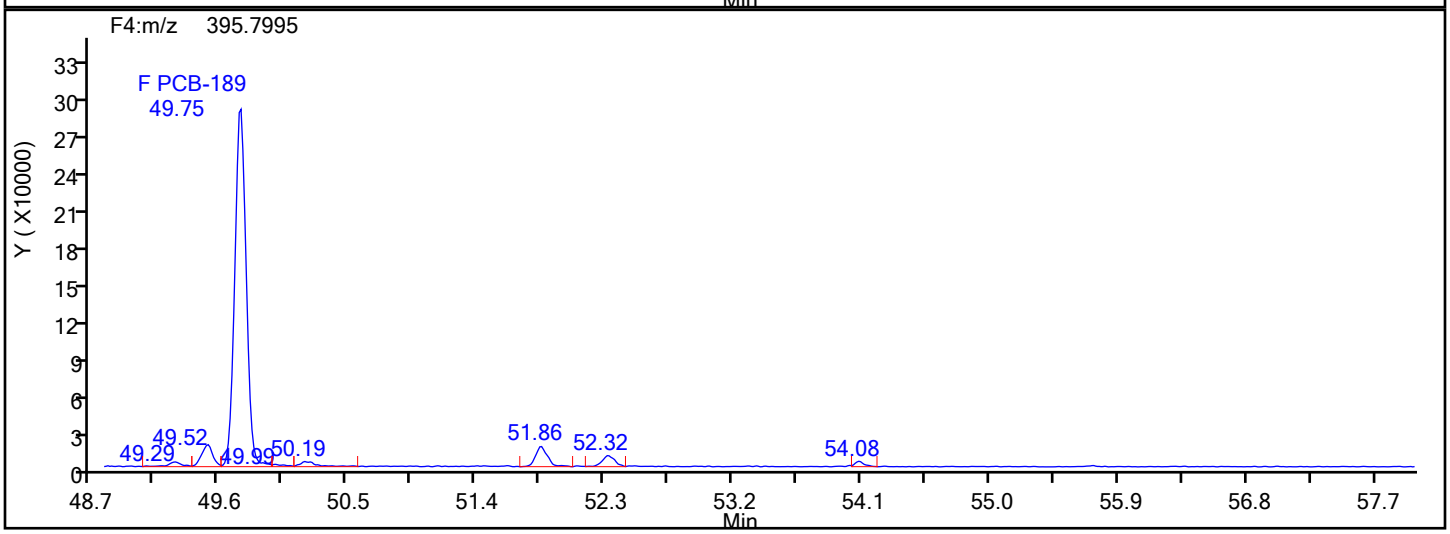
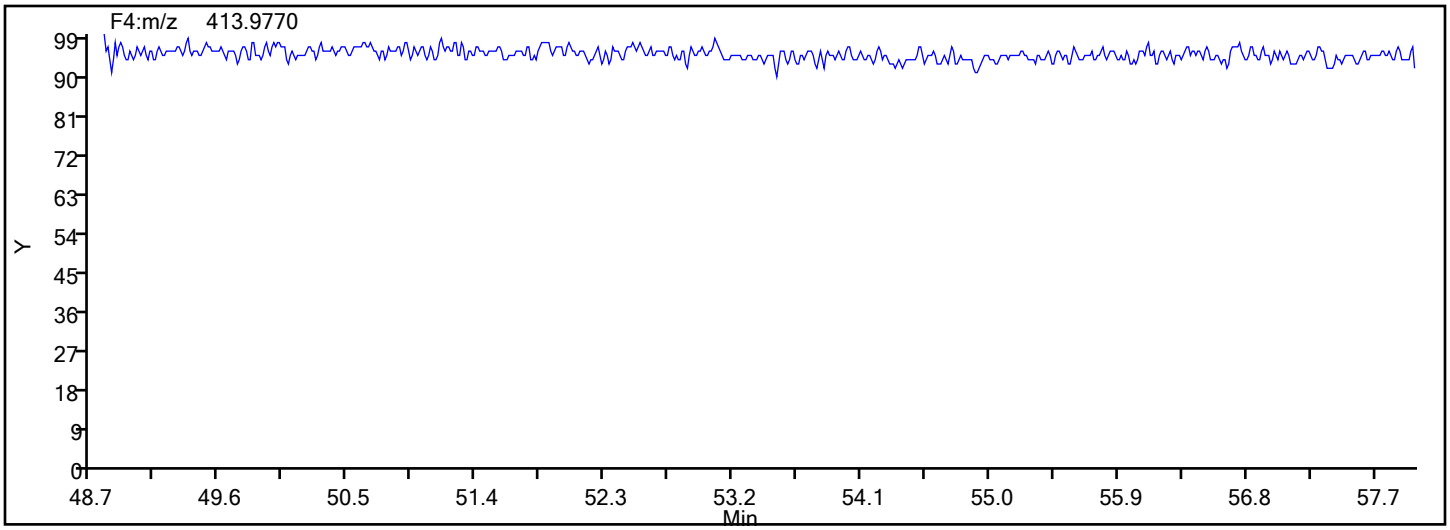
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



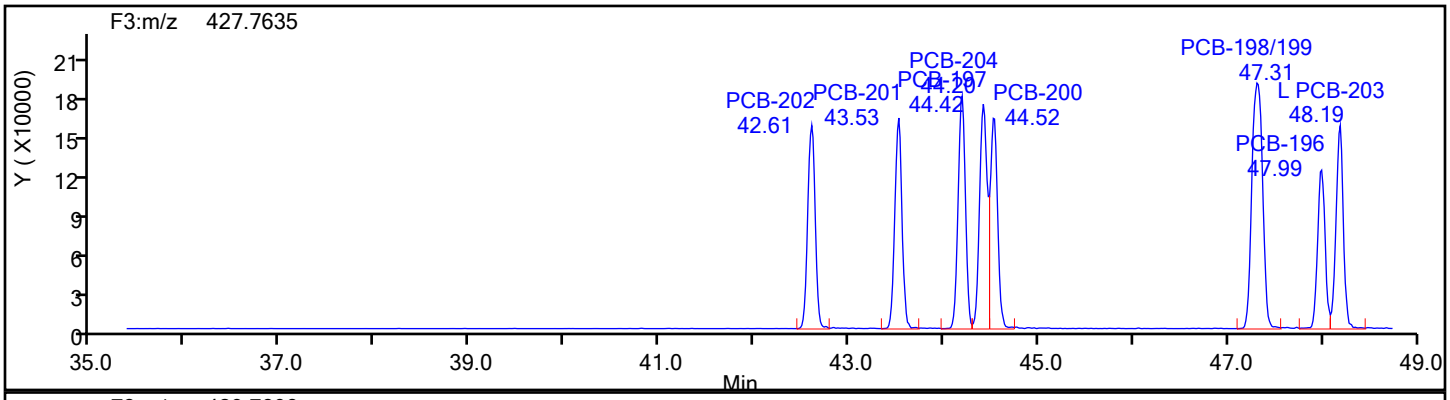
Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

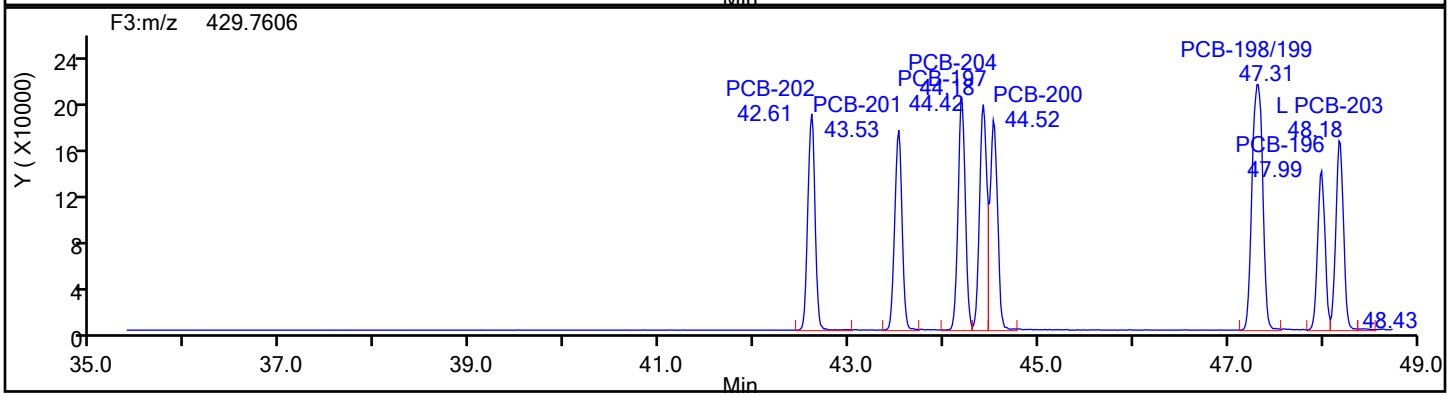
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

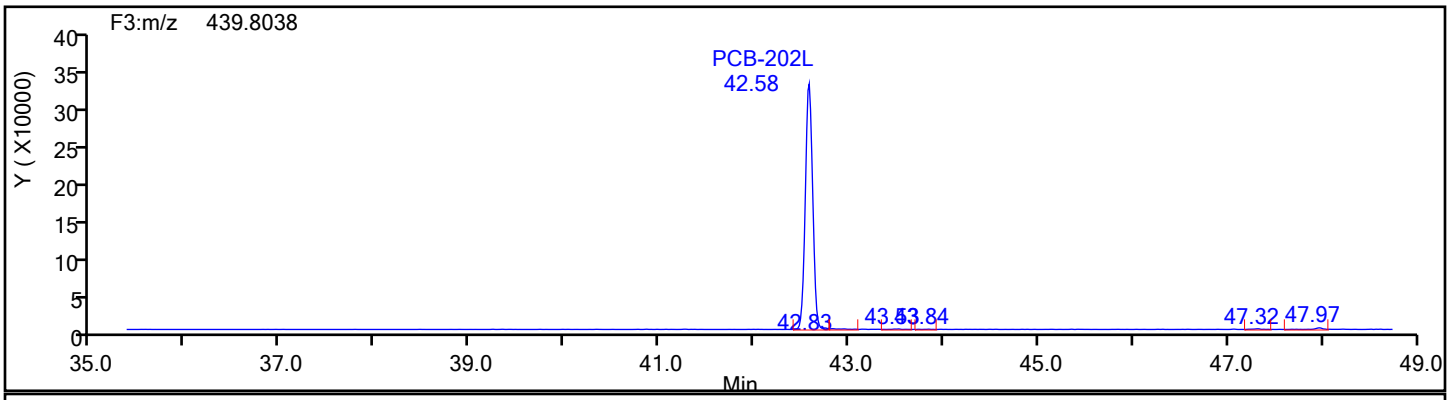
Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

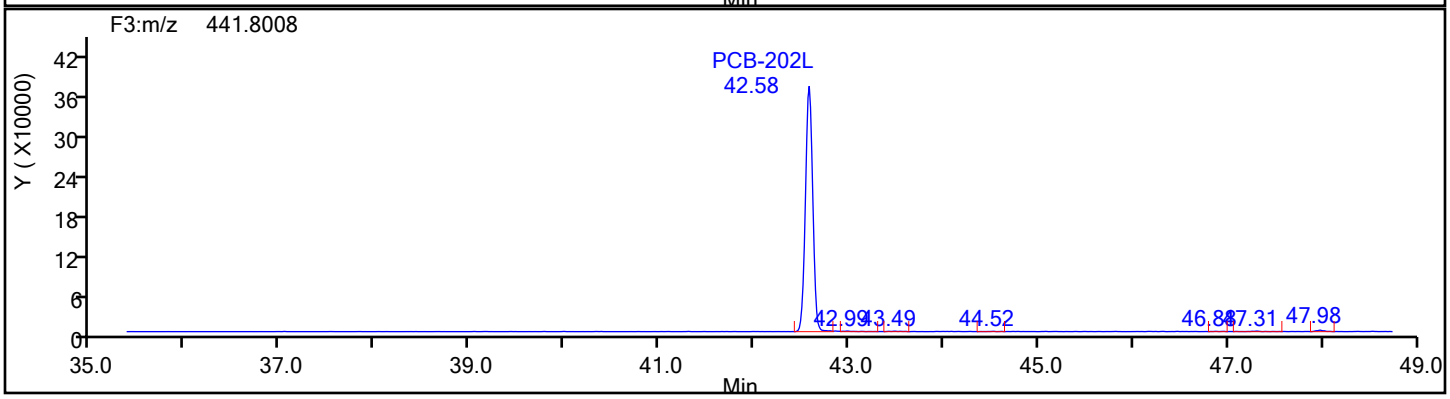
OcPCB F3





OcPCB F3 Standards





Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

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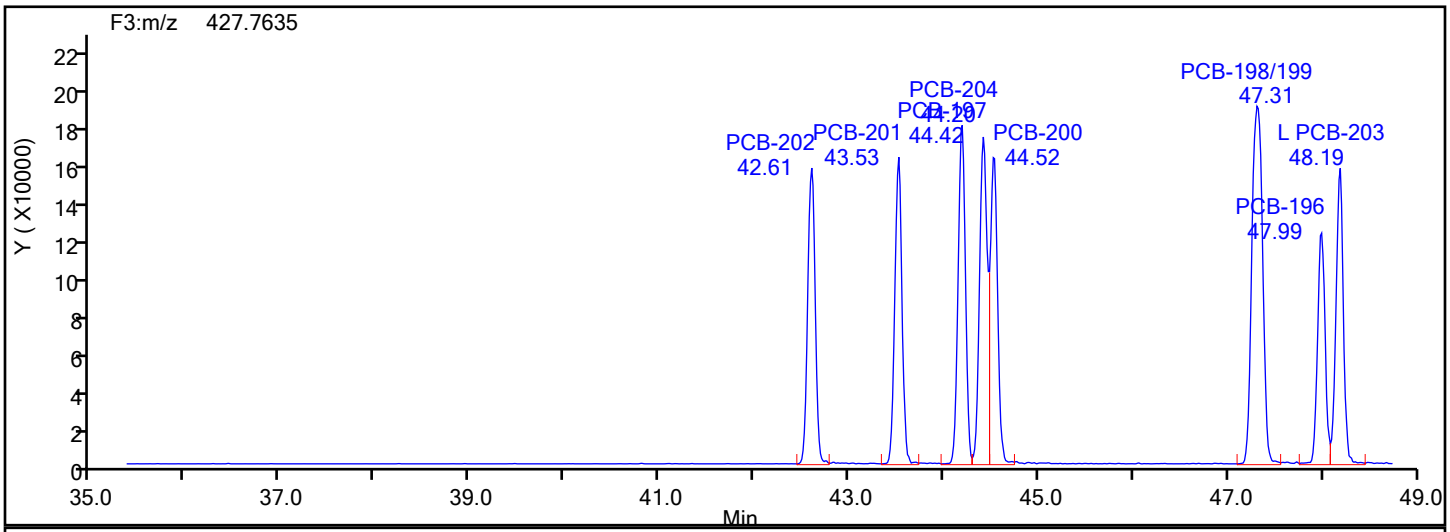
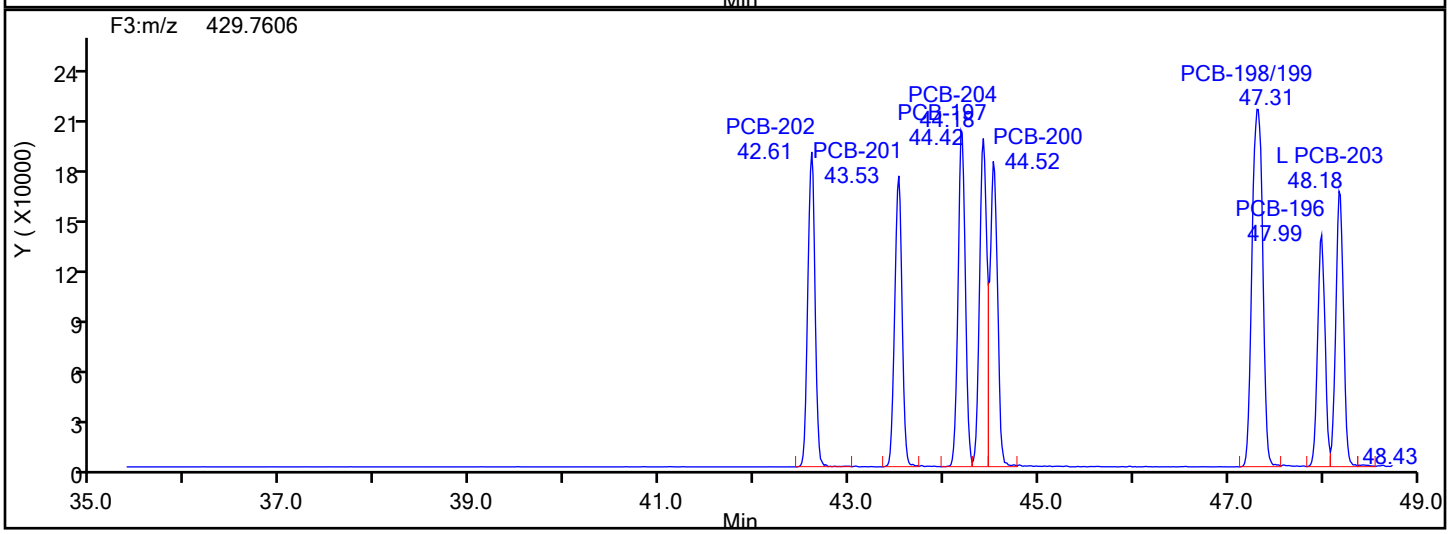
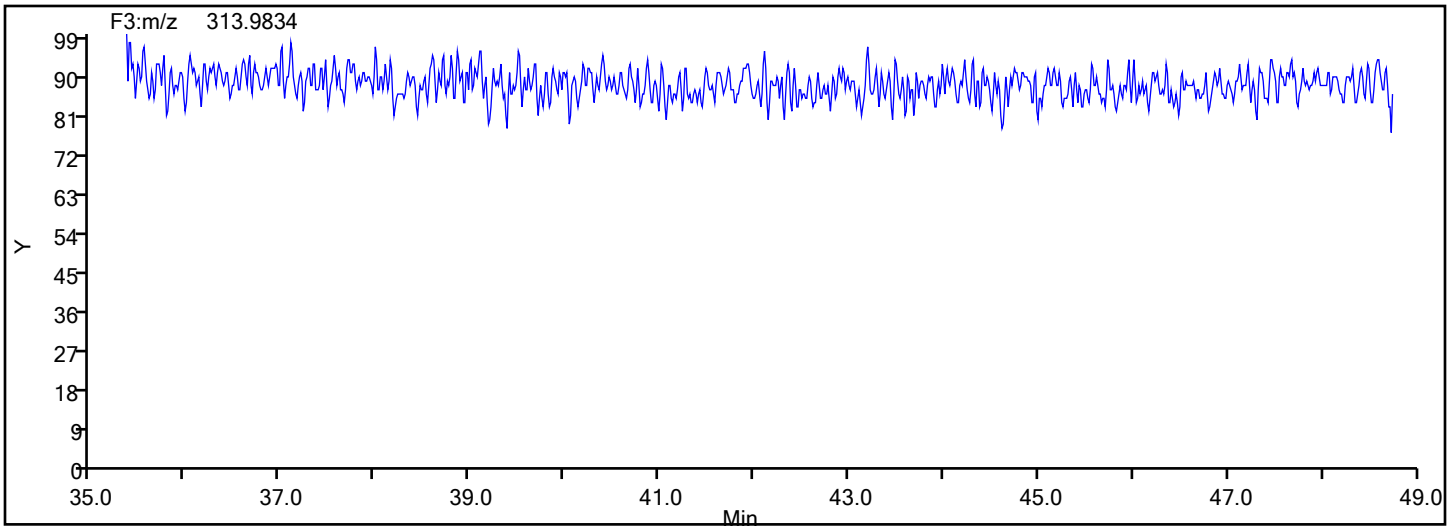
Injection Date: 03-Jan-2024 14:42:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 1
Column Type: Column Dia:

OcPCB F3





OcPCB F3 Lock Mass



Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
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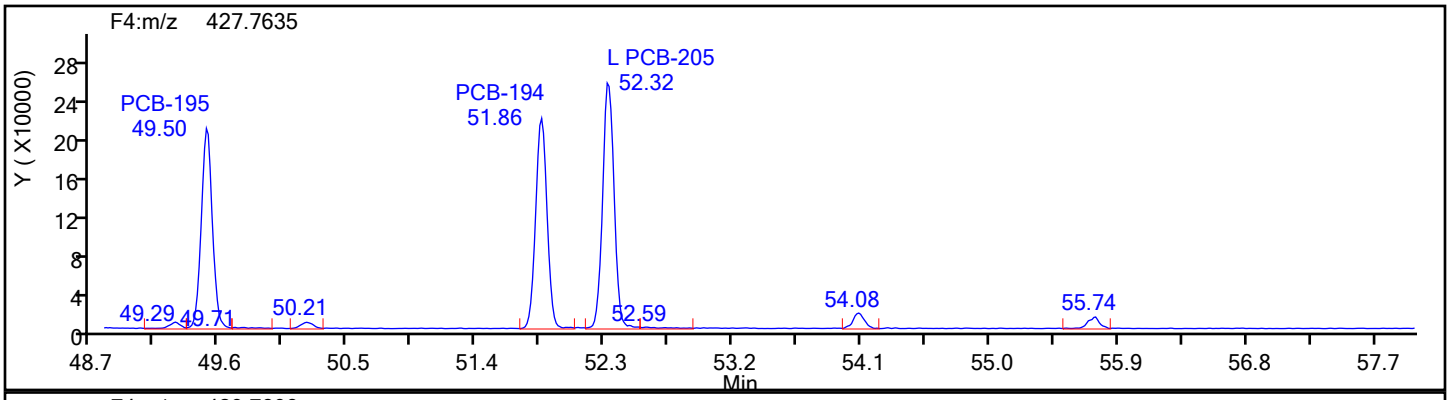
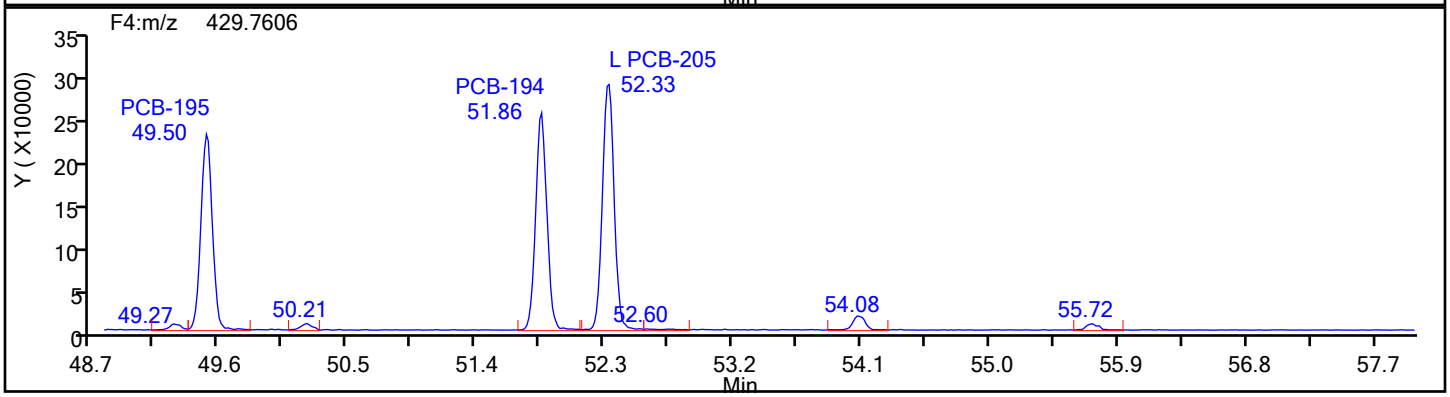
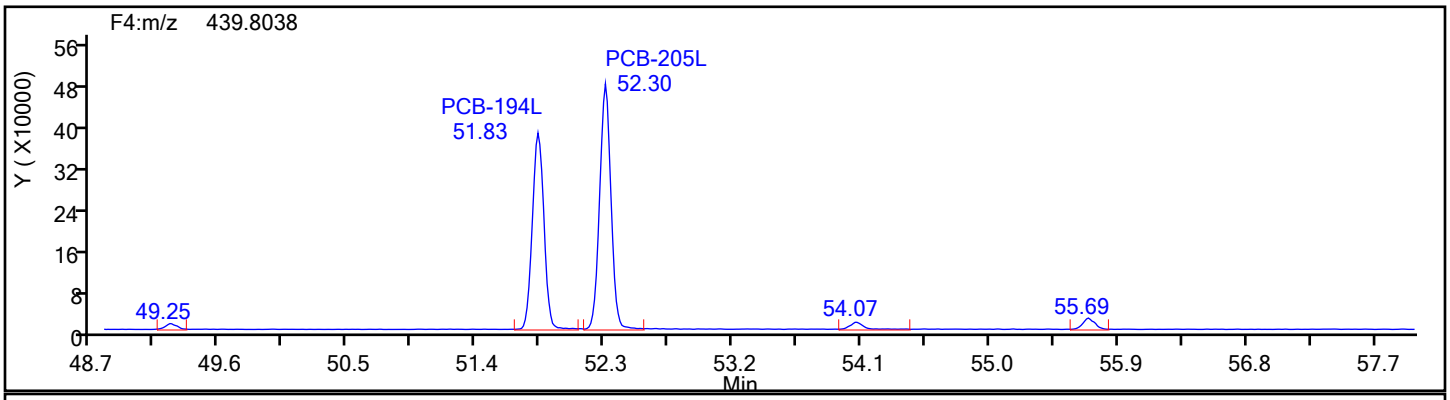
Column Type:		Column Dia:	

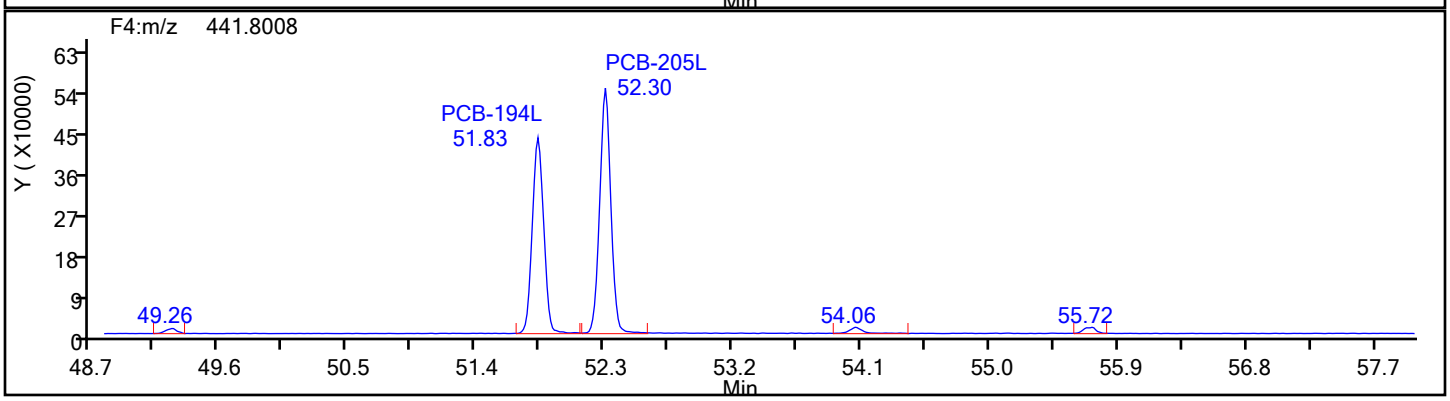
OcPCB F4





OcPCB F4 Standards





Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
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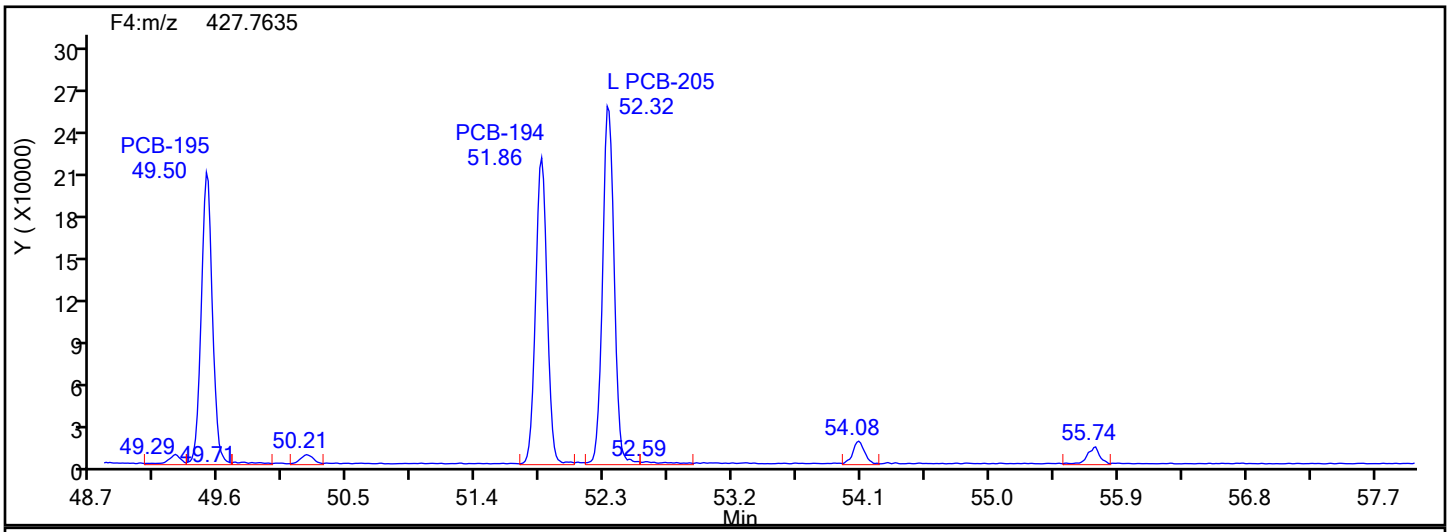
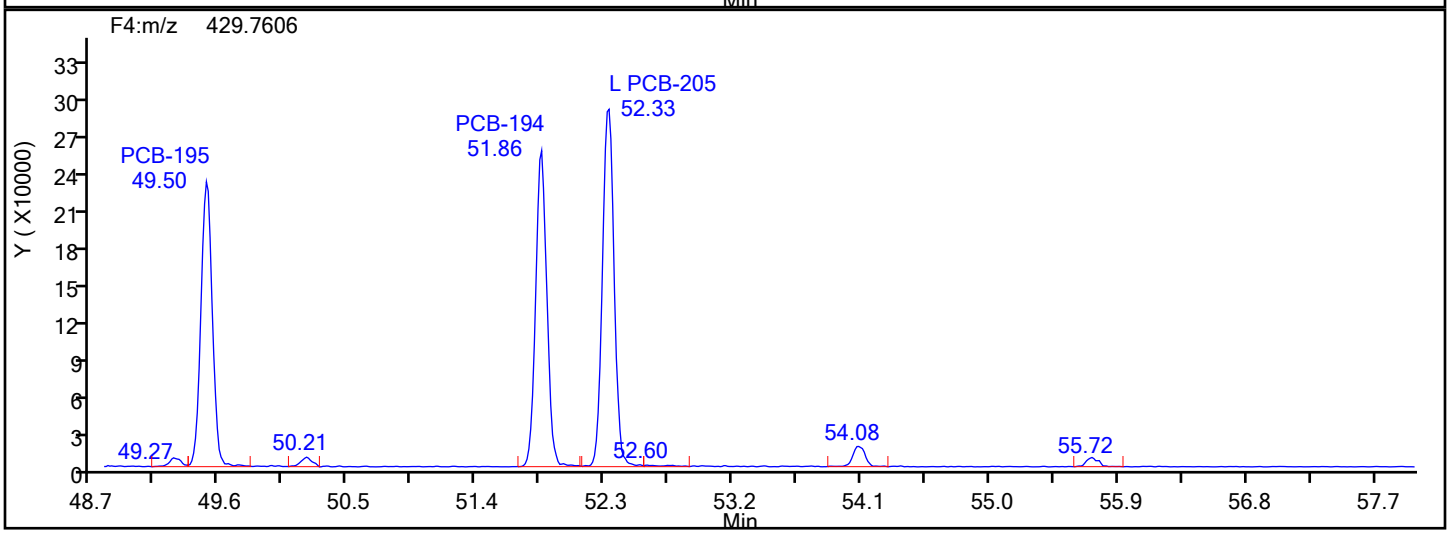
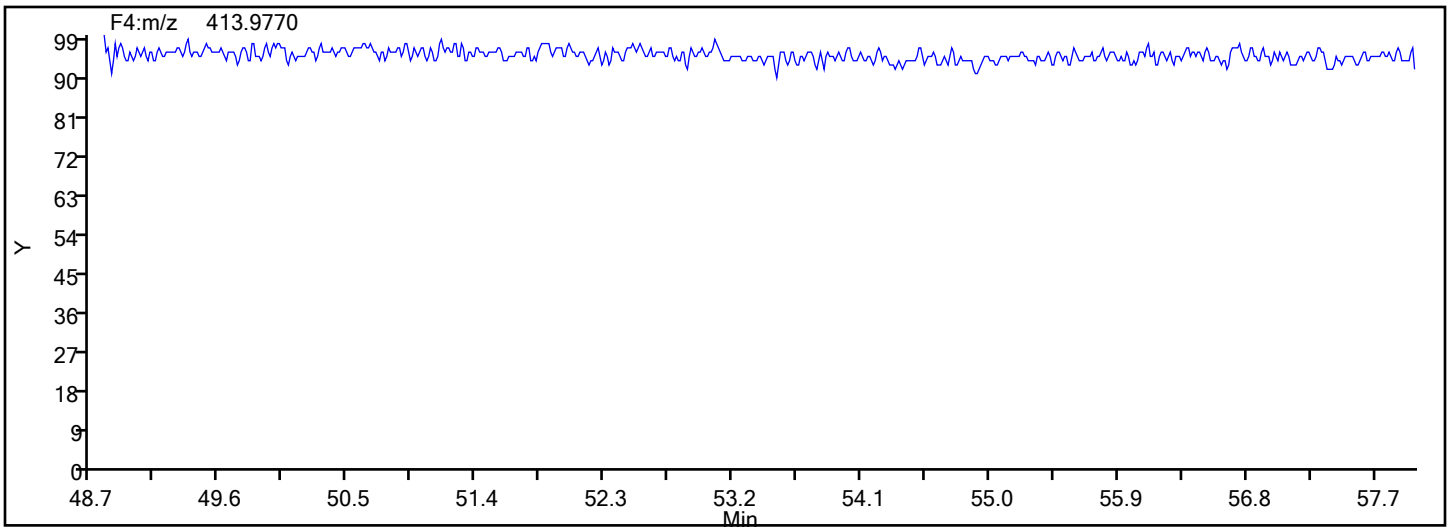
Column Type: Column Dia:

OcPCB F4





OcPCB F4 Lock Mass



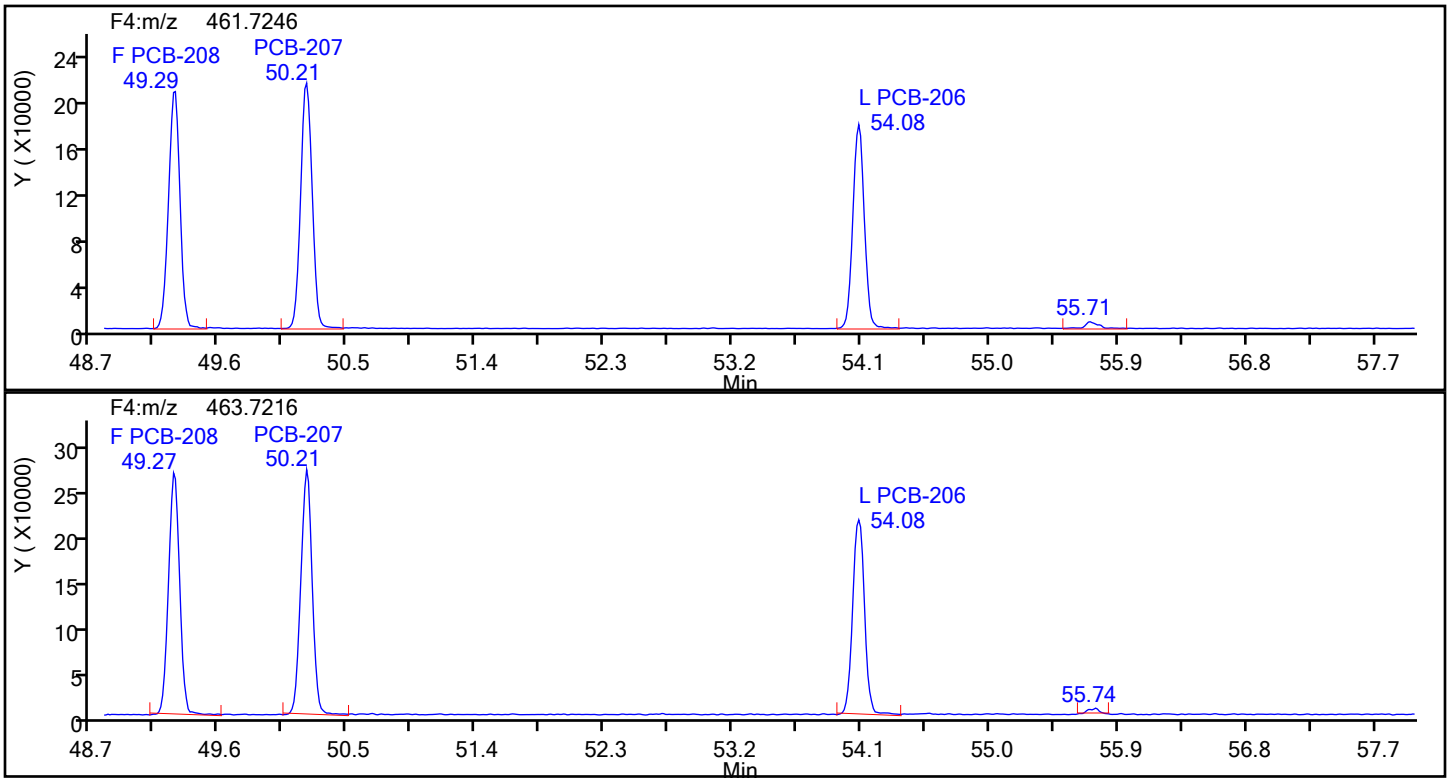
Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

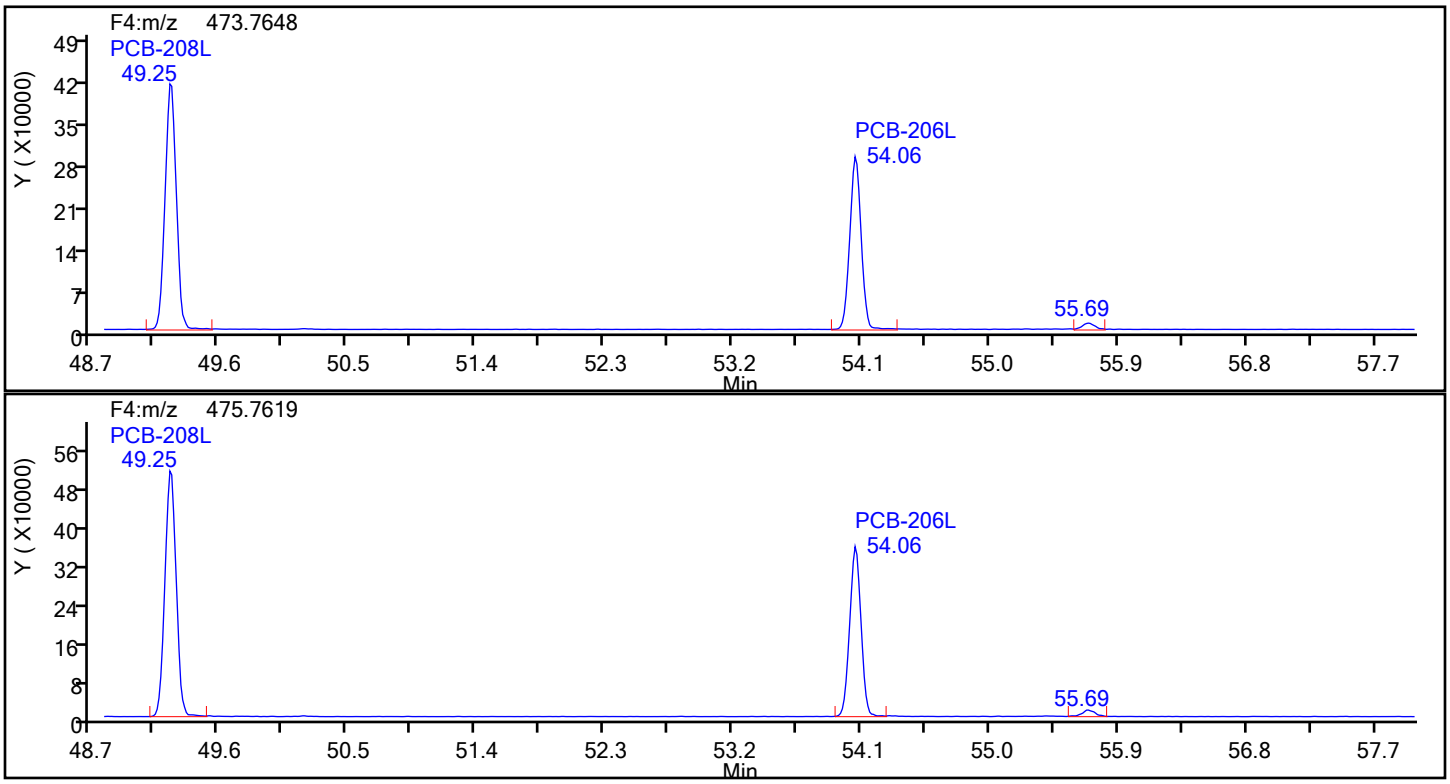
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

NoPCB F4



NoPCB F4 Standards

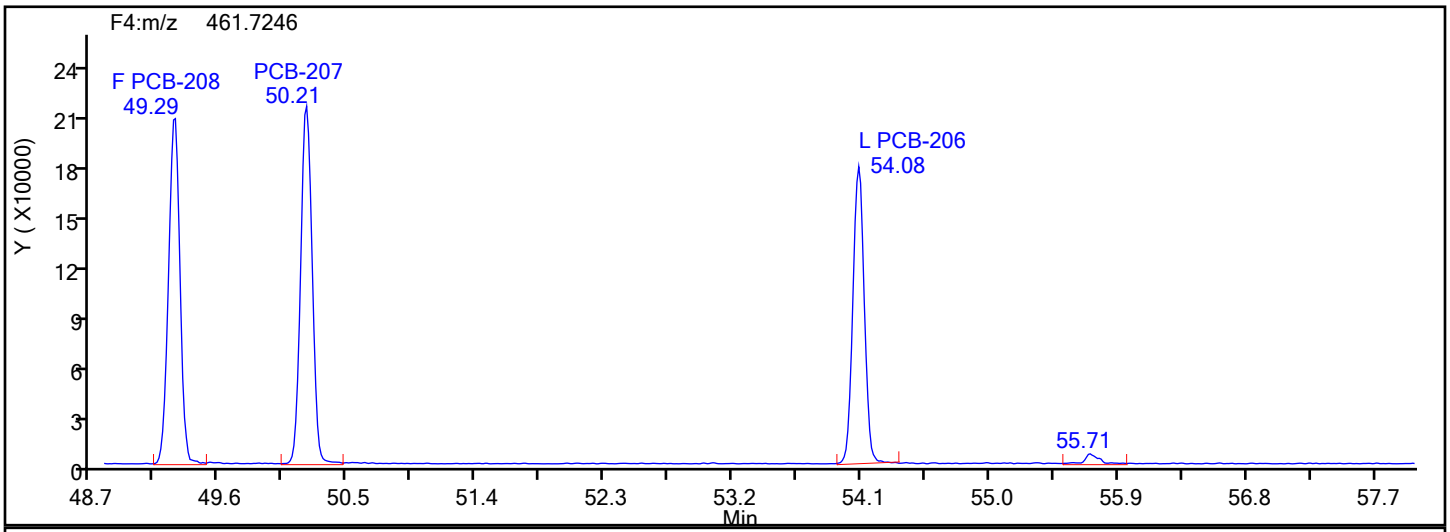


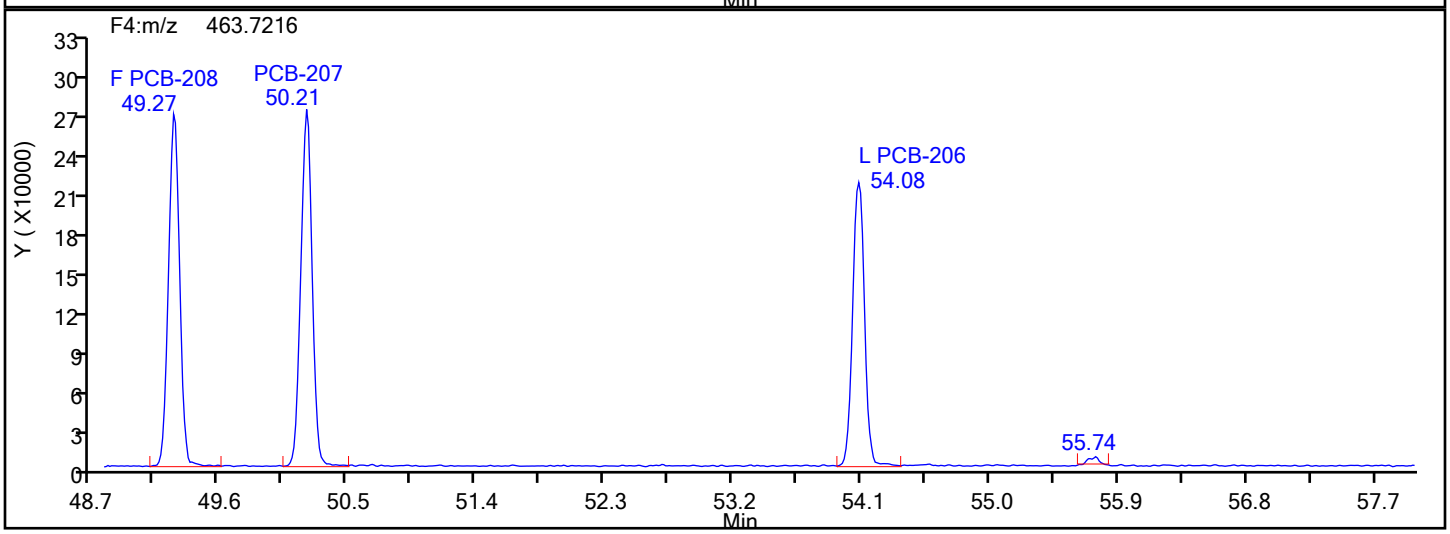
Report Date: 03-Jan-2024 19:05:25 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

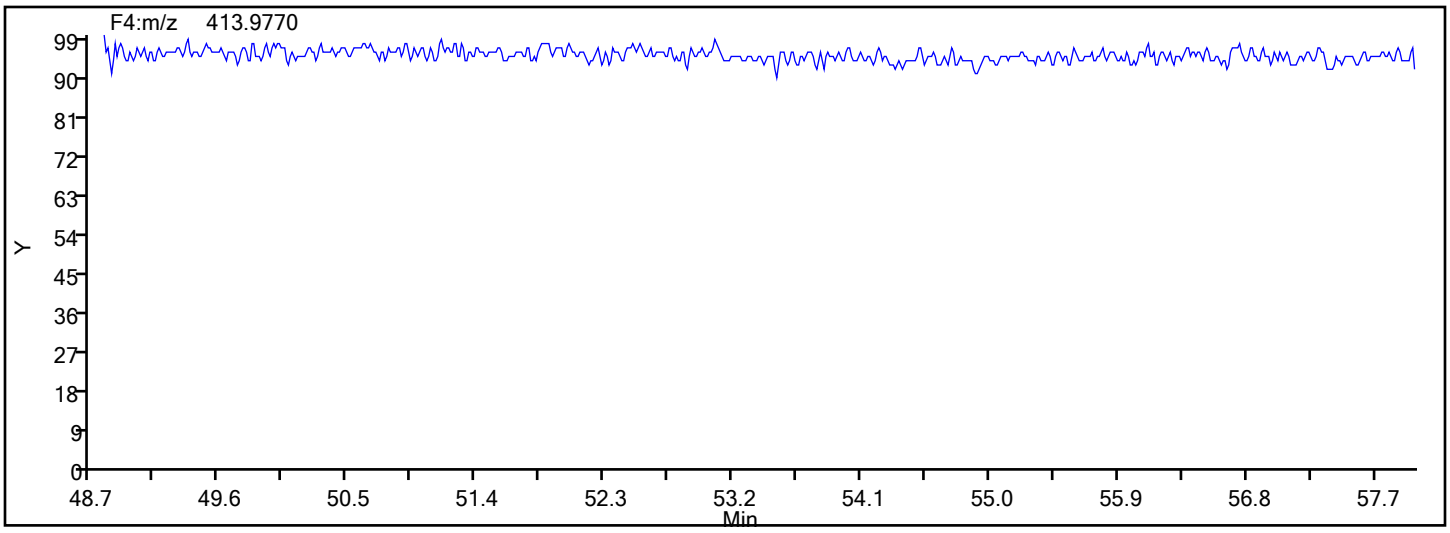
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 1
Column Type: Column Dia:

NoPCB F4





NoPCB F4 Lock Mass



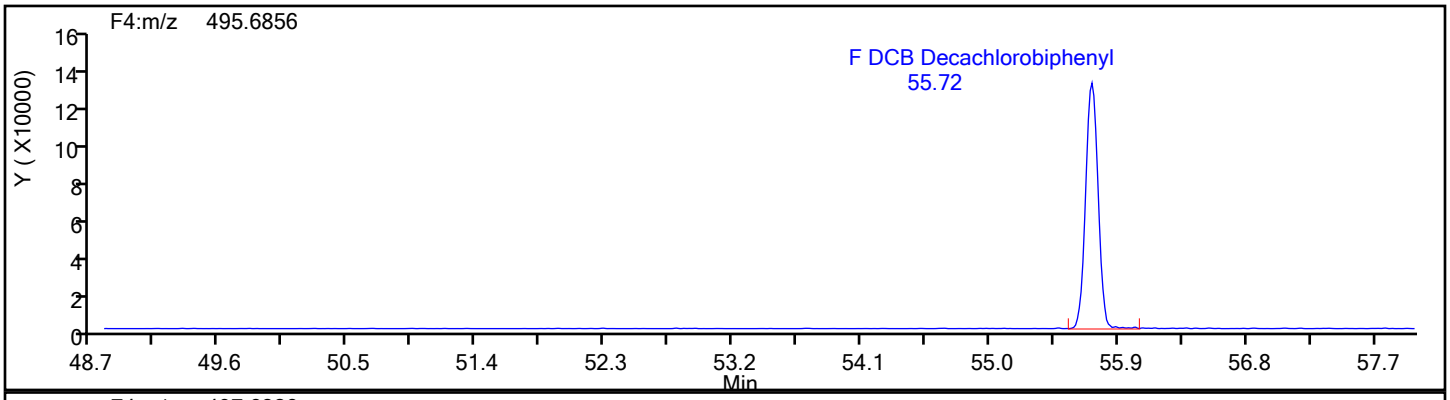
Report Date: 03-Jan-2024 19:05:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

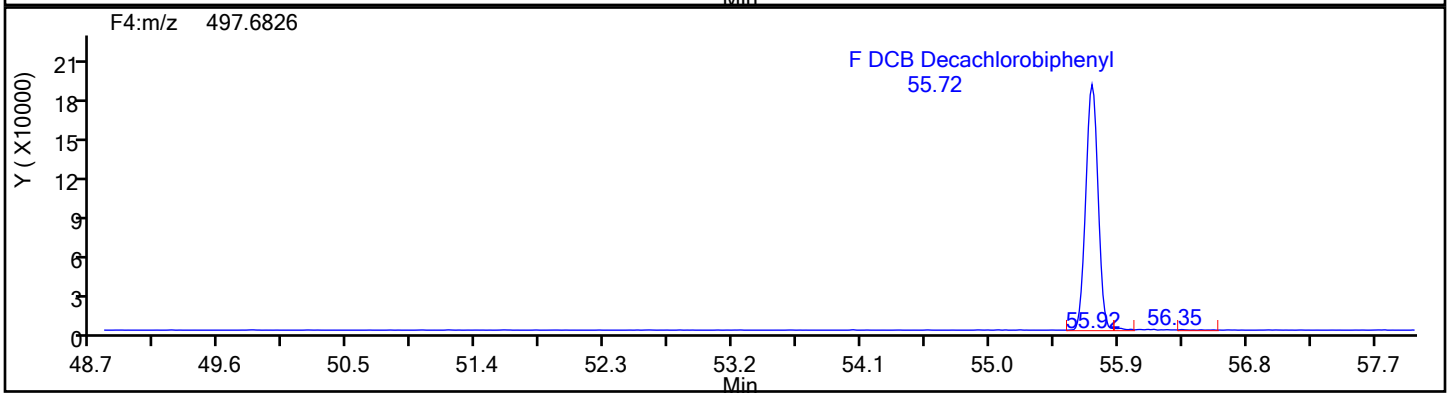
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d

Injection Date:	03-Jan-2024 14:42:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	1
Column Type:		Column Dia:	

DePCB F4





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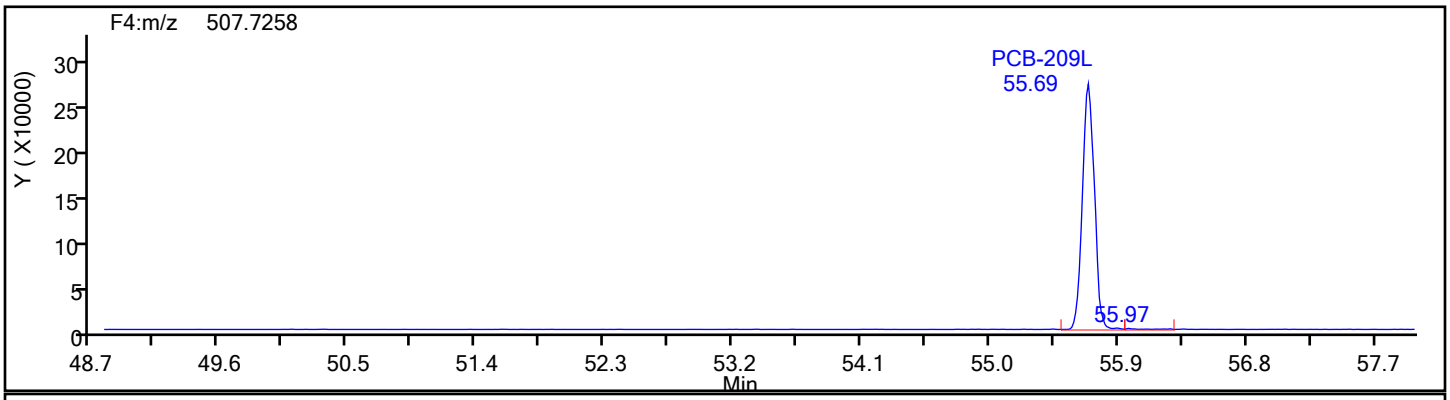
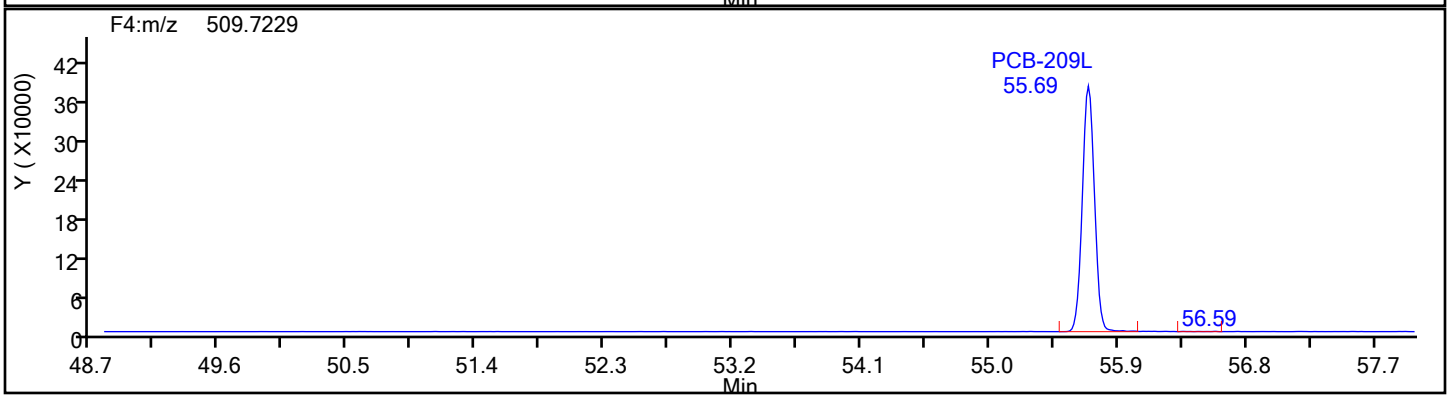


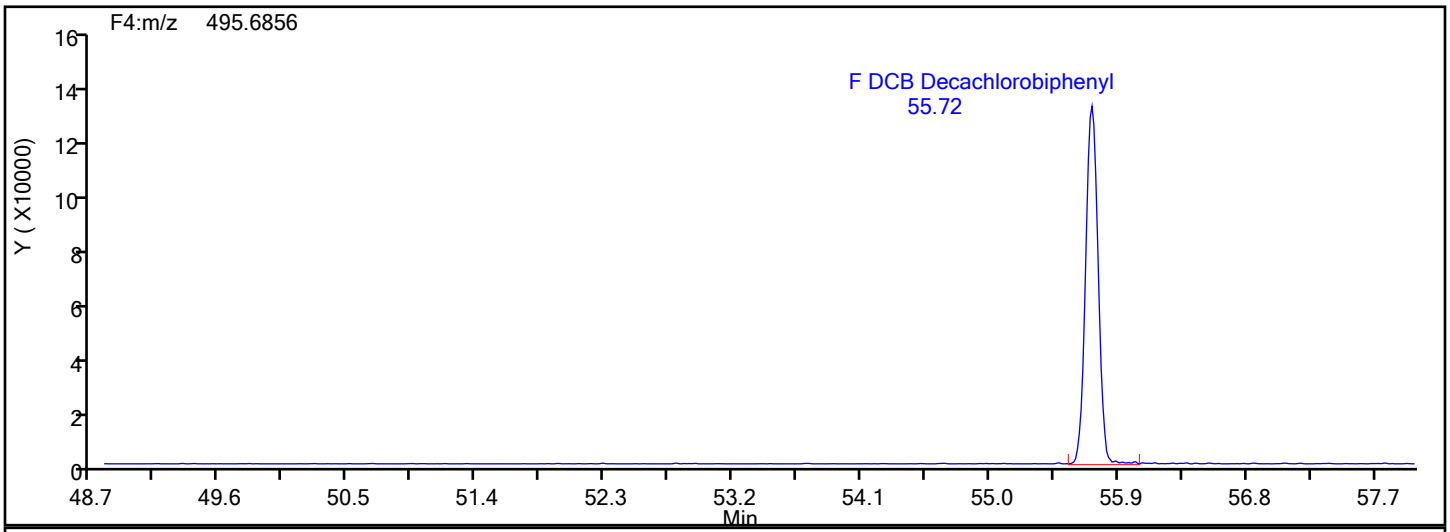


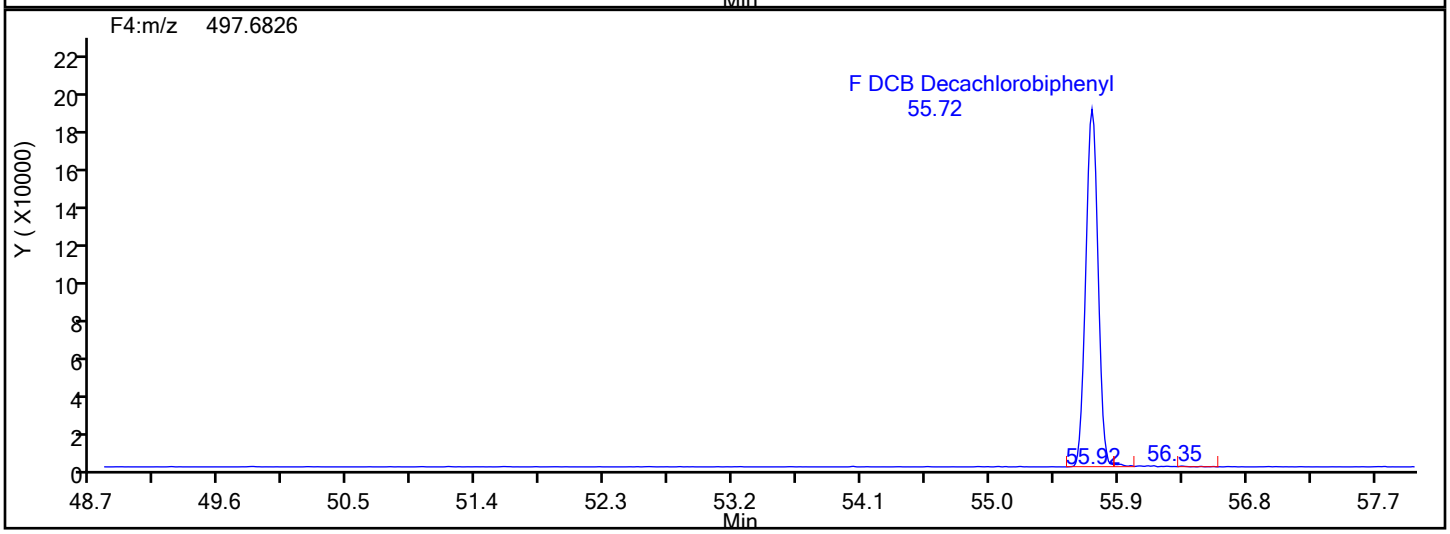
Report Date: 03-Jan-2024 19:05:26 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

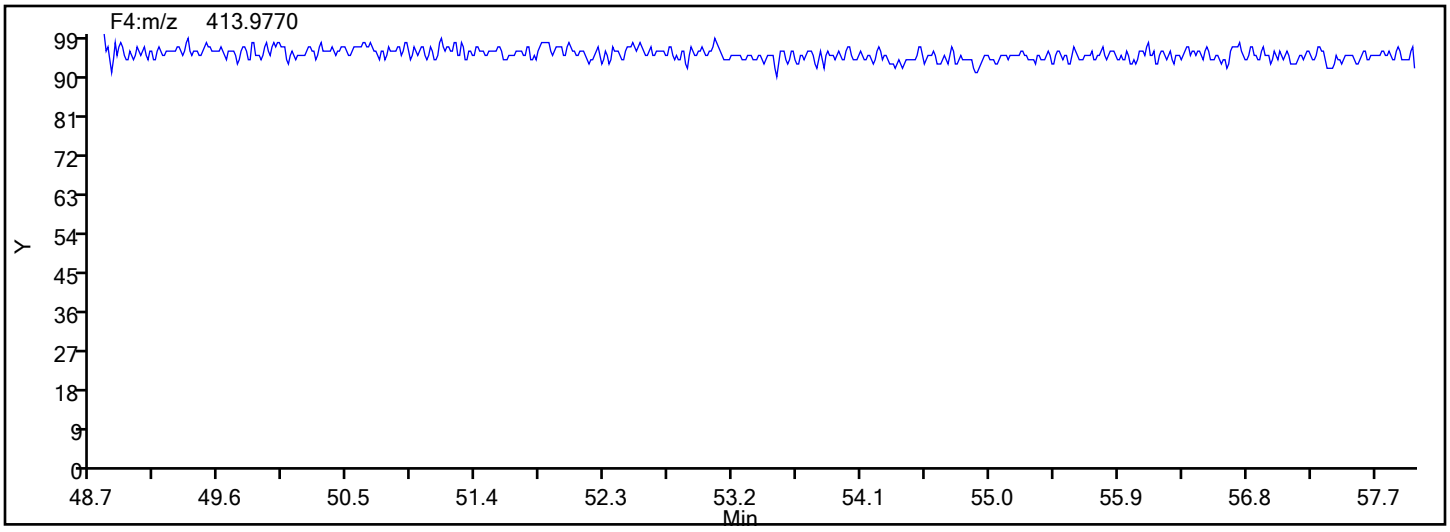
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\d2240103c3a.d
Injection Date: 03-Jan-2024 14:42:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 1
Column Type: Column Dia:

DePCB F4





DePCB F4 Lock Mass



FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-82009/1 | Calibration Date: 01/04/2024 11:14

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240104c1a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-1	AveID	1.225	1.220		49.8	50.0	100	70-130
PCB-2	AveID	1.264	1.160		45.9	50.0	92	70-130
PCB-3	AveID	1.234	1.245		50.4	50.0	101	70-130
PCB-4	AveID	1.280	1.199		46.8	50.0	94	70-130
PCB-10	AveID	1.154	1.208		52.3	50.0	105	70-130
PCB-9	AveID	1.364	1.327		48.6	50.0	97	70-130
PCB-7	AveID	1.249	1.254		50.2	50.0	100	70-130
PCB-6	AveID	1.496	1.458		48.7	50.0	97	70-130
PCB-5	AveID	1.221	1.158		47.4	50.0	95	70-130
PCB-8	AveID	1.521	1.608		52.9	50.0	106	70-130
PCB-19	AveID	1.290	1.329		51.5	50.0	103	70-130
PCB-14	AveID	1.286	1.263		49.1	50.0	98	70-130
PCB-18	AveID	1.808	1.780		98.5	100	98	70-130
PCB-18/30	AveID	1.808	1.780		98.5	100	98	70-130
PCB-30	AveID	1.808	1.780		98.5	100	98	70-130
PCB-11	AveID	1.442	1.389		48.2	50.0	96	70-130
PCB-17	AveID	1.215	1.207		49.7	50.0	99	70-130
PCB-12	AveID	1.296	1.271		98.1	100	98	70-130
PCB-12/13	AveID	1.296	1.271		98.1	100	98	70-130
PCB-13	AveID	1.296	1.271		98.1	100	98	70-130
PCB-27	AveID	1.715	1.648		48.0	50.0	96	70-130
PCB-24	AveID	1.774	1.785		50.3	50.0	101	70-130
PCB-16	AveID	1.200	1.303		54.3	50.0	109	70-130
PCB-15	AveID	1.138	1.205		53.0	50.0	106	70-130
PCB-54	AveID	1.206	1.145		47.4	50.0	95	70-130
PCB-32	AveID	1.970	1.975		50.1	50.0	100	70-130
PCB-34	AveID	1.009	1.032		51.1	50.0	102	70-130
PCB-23	AveID	1.033	1.138		55.1	50.0	110	70-130
PCB-26	AveID	1.004	1.089		108	100	108	70-130
PCB-26/29	AveID	1.004	1.089		108	100	108	70-130
PCB-29	AveID	1.004	1.089		108	100	108	70-130
PCB-25	AveID	1.299	1.380		53.1	50.0	106	70-130
PCB-50	AveID	0.7674	0.8139		106	100	106	70-130
PCB-50/53	AveID	0.7674	0.8139		106	100	106	70-130
PCB-53	AveID	0.7674	0.8139		106	100	106	70-130
PCB-31	AveID	1.237	1.288		52.1	50.0	104	70-130
PCB-20	AveID	1.110	1.124		101	100	101	70-130
PCB-20/28	AveID	1.110	1.124		101	100	101	70-130
PCB-28	AveID	1.110	1.124		101	100	101	70-130
PCB-45	AveID	0.7052	0.7466		106	100	106	70-130
PCB-45/51	AveID	0.7052	0.7466		106	100	106	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-82009/1 Calibration Date: 01/04/2024 11:14

Instrument ID: D2D Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) Calib End Date: 10/08/2021 16:58

Lab File ID: d2240104c1a.d Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-51	AveID	0.7052	0.7466		106	100	106	70-130
PCB-21	AveID	1.124	1.175		105	100	105	70-130
PCB-21/33	AveID	1.124	1.175		105	100	105	70-130
PCB-33	AveID	1.124	1.175		105	100	105	70-130
PCB-46	AveID	0.5909	0.6656		56.3	50.0	113	70-130
PCB-22	AveID	1.203	1.238		51.5	50.0	103	70-130
PCB-52	AveID	0.8488	0.8253		48.6	50.0	97	70-130
PCB-43	AveID	0.8936	0.9556		107	100	107	70-130
PCB-43/73	AveID	0.8936	0.9556		107	100	107	70-130
PCB-73	AveID	0.8936	0.9556		107	100	107	70-130
PCB-36	AveID	1.295	1.314		50.7	50.0	101	70-130
PCB-49	AveID	0.8934	0.9570		107	100	107	70-130
PCB-49/69	AveID	0.8934	0.9570		107	100	107	70-130
PCB-69	AveID	0.8934	0.9570		107	100	107	70-130
PCB-39	AveID	1.162	1.155		49.7	50.0	99	70-130
PCB-48	AveID	0.7506	0.8167		54.4	50.0	109	70-130
PCB-104	AveID	1.005	1.050		52.2	50.0	104	70-130
PCB-44	AveID	0.8388	0.9230		165	150	110	70-130
PCB-44/47/65	AveID	0.8388	0.9230		165	150	110	70-130
PCB-47	AveID	0.8388	0.9230		165	150	110	70-130
PCB-65	AveID	0.8388	0.9230		165	150	110	70-130
PCB-38	AveID	1.176	1.248		53.0	50.0	106	70-130
PCB-59	AveID	1.004	1.115		167	150	111	70-130
PCB-59/62/75	AveID	1.004	1.115		167	150	111	70-130
PCB-62	AveID	1.004	1.115		167	150	111	70-130
PCB-75	AveID	1.004	1.115		167	150	111	70-130
PCB-96	AveID	1.151	1.207		52.4	50.0	105	70-130
PCB-42	AveID	0.6874	0.8305		60.4	50.0	121	70-130
PCB-35	AveID	1.131	1.159		51.2	50.0	102	70-130
PCB-40	AveID	0.7618	0.8569		169	150	112	70-130
PCB-40/41/71	AveID	0.7618	0.8569		169	150	112	70-130
PCB-41	AveID	0.7618	0.8569		169	150	112	70-130
PCB-71	AveID	0.7618	0.8569		169	150	112	70-130
PCB-37	AveID	1.145	1.148		50.1	50.0	100	70-130
PCB-64	AveID	1.032	1.179		57.1	50.0	114	70-130
PCB-72	AveID	1.162	1.205		51.9	50.0	104	70-130
PCB-103	AveID	0.8327	0.8444		50.7	50.0	101	70-130
PCB-68	AveID	1.125	1.180		52.5	50.0	105	70-130
PCB-94	AveID	0.6950	0.7333		52.8	50.0	106	70-130
PCB-57	AveID	1.111	1.143		51.5	50.0	103	70-130
PCB-95	AveID	0.7922	0.7897		49.8	50.0	100	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-82009/1 | Calibration Date: 01/04/2024 11:14

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240104c1a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-58	AveID	1.285	1.271		49.5	50.0	99	70-130
PCB-100	AveID	0.7830	0.7521		96.1	100	96	70-130
PCB-93	AveID	0.7830	0.7521		96.1	100	96	70-130
PCB-93/100	AveID	0.7830	0.7521		96.1	100	96	70-130
PCB-67	AveID	1.327	1.404		52.9	50.0	106	70-130
PCB-102	AveID	0.9182	0.9444		103	100	103	70-130
PCB-98	AveID	0.9182	0.9444		103	100	103	70-130
PCB-98/102	AveID	0.9182	0.9444		103	100	103	70-130
PCB-63	AveID	1.065	1.077		50.6	50.0	101	70-130
PCB-88	AveID	0.8023	0.7925		98.8	100	99	70-130
PCB-88/91	AveID	0.8023	0.7925		98.8	100	99	70-130
PCB-91	AveID	0.8023	0.7925		98.8	100	99	70-130
PCB-61	AveID	1.155	1.199		208	200	104	70-130
PCB-61/70/74/76	AveID	1.155	1.199		208	200	104	70-130
PCB-70	AveID	1.155	1.199		208	200	104	70-130
PCB-74	AveID	1.155	1.199		208	200	104	70-130
PCB-76	AveID	1.155	1.199		208	200	104	70-130
PCB-84	AveID	0.6855	0.7221		52.7	50.0	105	70-130
PCB-66	AveID	1.233	1.237		50.2	50.0	100	70-130
PCB-55	AveID	1.265	1.319		52.1	50.0	104	70-130
PCB-89	AveID	0.8482	0.8653		51.0	50.0	102	70-130
PCB-56	AveID	1.216	1.210		49.8	50.0	100	70-130
PCB-121	AveID	1.284	1.269		49.4	50.0	99	70-130
PCB-60	AveID	1.055	1.085		51.4	50.0	103	70-130
PCB-92	AveID	0.7805	0.7897		50.6	50.0	101	70-130
PCB-80	AveID	1.277	1.239		48.5	50.0	97	70-130
PCB-155	AveID	0.9289	0.8928		48.1	50.0	96	70-130
PCB-152	AveID	1.124	1.083		48.2	50.0	96	70-130
PCB-101	AveID	0.9542	0.9347		147	150	98	70-130
PCB-113	AveID	0.9542	0.9347		147	150	98	70-130
PCB-90	AveID	0.9542	0.9347		147	150	98	70-130
PCB-90/101/113	AveID	0.9542	0.9347		147	150	98	70-130
PCB-150	AveID	0.997	0.9858		49.5	50.0	99	70-130
PCB-136	AveID	0.9632	0.9031		46.9	50.0	94	70-130
PCB-83	AveID	0.8851	0.8629		97.5	100	97	70-130
PCB-83/99	AveID	0.8851	0.8629		97.5	100	97	70-130
PCB-99	AveID	0.8851	0.8629		97.5	100	97	70-130
PCB-112	AveID	1.415	1.336		47.2	50.0	94	70-130
PCB-145	AveID	1.078	1.037		48.1	50.0	96	70-130
PCB-109	AveID	1.028	1.003		293	300	98	70-130
PCB-119	AveID	1.028	1.003		293	300	98	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-82009/1 | Calibration Date: 01/04/2024 11:14

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240104c1a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-125	AveID	1.028	1.003		293	300	98	70-130
PCB-86	AveID	1.028	1.003		293	300	98	70-130
PCB-86/87/97/109/119/125	AveID	1.028	1.003		293	300	98	70-130
PCB-87	AveID	1.028	1.003		293	300	98	70-130
PCB-97	AveID	1.028	1.003		293	300	98	70-130
PCB-79	AveID	1.445	1.374		47.5	50.0	95	70-130
PCB-78	AveID	1.212	1.152		47.5	50.0	95	70-130
PCB-116	AveID	1.024	0.9811		144	150	96	70-130
PCB-117	AveID	1.024	0.9811		144	150	96	70-130
PCB-85	AveID	1.024	0.9811		144	150	96	70-130
PCB-85/116/117	AveID	1.024	0.9811		144	150	96	70-130
PCB-110	AveID	1.356	1.305		96.3	100	96	70-130
PCB-110/115	AveID	1.356	1.305		96.3	100	96	70-130
PCB-115	AveID	1.356	1.305		96.3	100	96	70-130
PCB-81	AveID	1.015	0.998		49.2	50.0	98	70-130
PCB-82	AveID	0.8520	0.8644		50.7	50.0	101	70-130
PCB-148	AveID	0.7376	0.7162		48.5	50.0	97	70-130
PCB-77	AveID	1.050	1.064		50.7	50.0	101	70-130
PCB-111	AveID	1.222	1.206		49.3	50.0	99	70-130
PCB-135	AveID	0.7414	0.7396		99.8	100	100	70-130
PCB-135/151	AveID	0.7414	0.7396		99.8	100	100	70-130
PCB-151	AveID	0.7414	0.7396		99.8	100	100	70-130
PCB-120	AveID	1.516	1.564		51.6	50.0	103	70-130
PCB-154	AveID	0.8223	0.8496		51.7	50.0	103	70-130
PCB-144	AveID	0.7371	0.7704		52.3	50.0	105	70-130
PCB-147	AveID	0.8634	0.8852		103	100	103	70-130
PCB-147/149	AveID	0.8634	0.8852		103	100	103	70-130
PCB-149	AveID	0.8634	0.8852		103	100	103	70-130
PCB-134	AveID	0.6812	0.7152		105	100	105	70-130
PCB-134/143	AveID	0.6812	0.7152		105	100	105	70-130
PCB-143	AveID	0.6812	0.7152		105	100	105	70-130
PCB-108	AveID	1.091	1.157		106	100	106	70-130
PCB-108/124	AveID	1.091	1.157		106	100	106	70-130
PCB-124	AveID	1.091	1.157		106	100	106	70-130
PCB-139	AveID	0.8381	0.8754		104	100	104	70-130
PCB-139/140	AveID	0.8381	0.8754		104	100	104	70-130
PCB-140	AveID	0.8381	0.8754		104	100	104	70-130
PCB-107	AveID	1.200	1.272		53.0	50.0	106	70-130
PCB-131	AveID	0.6856	0.7007		51.1	50.0	102	70-130
PCB-123	AveID	1.045	0.9949		47.6	50.0	95	70-130
PCB-106	AveID	1.171	1.256		53.7	50.0	107	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-82009/1 | Calibration Date: 01/04/2024 11:14

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240104c1a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-142	AveID	0.6760	0.7105		52.5	50.0	105	70-130
PCB-118	AveID	1.026	1.117		54.4	50.0	109	70-130
PCB-132	AveID	0.7063	0.7339		52.0	50.0	104	70-130
PCB-122	AveID	0.9264	0.9323		50.3	50.0	101	70-130
PCB-114	AveID	1.093	1.121		51.3	50.0	103	70-130
PCB-188	AveID	1.053	1.080		51.3	50.0	103	70-130
PCB-133	AveID	0.7770	0.7888		50.8	50.0	102	70-130
PCB-179	AveID	1.401	1.436		51.2	50.0	102	70-130
PCB-165	AveID	0.9584	0.9424		49.2	50.0	98	70-130
PCB-105	AveID	1.076	1.116		51.9	50.0	104	70-130
PCB-146	AveID	0.9163	0.8861		48.4	50.0	97	70-130
PCB-184	AveID	1.300	1.355		52.1	50.0	104	70-130
PCB-161	AveID	1.141	1.143		50.1	50.0	100	70-130
PCB-176	AveID	1.199	1.249		52.1	50.0	104	70-130
PCB-153	AveID	1.047	1.028		98.2	100	98	70-130
PCB-153/168	AveID	1.047	1.028		98.2	100	98	70-130
PCB-168	AveID	1.047	1.028		98.2	100	98	70-130
PCB-141	AveID	0.7580	0.8070		53.2	50.0	106	70-130
PCB-186	AveID	1.471	1.521		51.7	50.0	103	70-130
PCB-130	AveID	0.6356	0.6340		49.9	50.0	100	70-130
PCB-127	AveID	1.183	1.212		51.2	50.0	102	70-130
PCB-137	AveID	0.7533	0.7264		48.2	50.0	96	70-130
PCB-164	AveID	1.117	1.120		50.1	50.0	100	70-130
PCB-129	AveID	0.8826	0.8782		199	200	99	70-130
PCB-129/138/160/163	AveID	0.8826	0.8782		199	200	99	70-130
PCB-138	AveID	0.8826	0.8782		199	200	99	70-130
PCB-160	AveID	0.8826	0.8782		199	200	99	70-130
PCB-163	AveID	0.8826	0.8782		199	200	99	70-130
PCB-158	AveID	1.133	1.106		48.8	50.0	98	70-130
PCB-178	AveID	0.8813	0.9102		51.6	50.0	103	70-130
PCB-175	AveID	0.9040	0.9482		52.4	50.0	105	70-130
PCB-126	AveID	1.228	1.236		50.3	50.0	101	70-130
PCB-128	AveID	0.9522	0.9530		100	100	100	70-130
PCB-128/166	AveID	0.9522	0.9530		100	100	100	70-130
PCB-166	AveID	0.9522	0.9530		100	100	100	70-130
PCB-187	AveID	1.152	1.131		49.1	50.0	98	70-130
PCB-182	AveID	1.105	1.146		51.8	50.0	104	70-130
PCB-183	AveID	0.9716	0.9941		102	100	102	70-130
PCB-183/185	AveID	0.9716	0.9941		102	100	102	70-130
PCB-185	AveID	0.9716	0.9941		102	100	102	70-130
PCB-174	AveID	0.998	1.012		50.7	50.0	101	70-130

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-82009/1 | Calibration Date: 01/04/2024 11:14

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240104c1a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-159	AveID	1.307	1.259		48.1	50.0	96	70-130
PCB-162	AveID	1.093	1.126		51.5	50.0	103	70-130
PCB-177	AveID	0.9612	1.031		53.7	50.0	107	70-130
PCB-202	AveID	1.008	0.9669		48.0	50.0	96	70-130
PCB-167	AveID	1.110	1.057		47.6	50.0	95	70-130
PCB-181	AveID	1.058	1.042		49.3	50.0	99	70-130
PCB-171	AveID	0.8964	0.9180		102	100	102	70-130
PCB-171/173	AveID	0.8964	0.9180		102	100	102	70-130
PCB-173	AveID	0.8964	0.9180		102	100	102	70-130
PCB-201	AveID	0.9580	0.9272		48.4	50.0	97	70-130
PCB-156	AveID	1.071	1.015		94.8	100	95	70-130
PCB-156/157	AveID	1.071	1.015		94.8	100	95	70-130
PCB-157	AveID	1.071	1.015		94.8	100	95	70-130
PCB-204	AveID	1.112	1.087		48.9	50.0	98	70-130
PCB-197	AveID	1.049	1.055		50.3	50.0	101	70-130
PCB-200	AveID	0.9671	0.9685		50.1	50.0	100	70-130
PCB-172	AveID	0.9283	0.9525		51.3	50.0	103	70-130
PCB-192	AveID	1.413	1.432		50.7	50.0	101	70-130
PCB-180	AveID	1.168	1.190		102	100	102	70-130
PCB-180/193	AveID	1.168	1.190		102	100	102	70-130
PCB-193	AveID	1.168	1.190		102	100	102	70-130
PCB-191	AveID	1.270	1.286		50.6	50.0	101	70-130
PCB-170	AveID	1.092	1.148		52.6	50.0	105	70-130
PCB-190	AveID	1.300	1.270		48.8	50.0	98	70-130
PCB-169	AveID	1.225	1.180		48.2	50.0	96	70-130
PCB-198	AveID	0.8830	0.8133		92.1	100	92	70-130
PCB-198/199	AveID	0.8830	0.8133		92.1	100	92	70-130
PCB-199	AveID	0.8830	0.8133		92.1	100	92	70-130
PCB-196	AveID	0.7882	0.7370		46.8	50.0	94	70-130
PCB-203	AveID	0.9704	0.9209		47.5	50.0	95	70-130
PCB-208	AveID	1.046	1.008		48.2	50.0	96	70-130
PCB-195	AveID	0.8289	0.8512		51.3	50.0	103	70-130
PCB-189	AveID	1.015	1.044		51.5	50.0	103	70-130
PCB-207	AveID	1.233	1.205		48.9	50.0	98	70-130
PCB-194	AveID	0.9255	0.9653		52.1	50.0	104	70-130
PCB-205	AveID	1.127	1.123		49.8	50.0	100	70-130
PCB-206	AveID	1.257	1.227		48.8	50.0	98	70-130
PCB-209	AveID	1.042	1.005		48.2	50.0	96	70-130
PCB-1L	Ave	1.357	1.471		108	100	108	50-150
PCB-3L	Ave	1.414	1.315		93.1	100	93	50-150
PCB-4L	Ave	0.6168	0.6523		106	100	106	50-150

FORM VII
HI-RES PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Lab Sample ID: WDMCCV 140-82009/1 | Calibration Date: 01/04/2024 11:14

Instrument ID: D2D | Calib Start Date: 10/08/2021 11:14

GC Column: SPB-Octyl ID: 0.25(mm) | Calib End Date: 10/08/2021 16:58

Lab File ID: d2240104c1a.d | Conc. Units: pg/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
PCB-19L	Ave	0.6075	0.6297		104	100	104	50-150
PCB-15L	Ave	1.120	1.070		95.5	100	96	50-150
PCB-54L	Ave	0.6773	0.7567		112	100	112	50-150
PCB-104L	Ave	1.188	1.246		105	100	105	50-150
PCB-37L	Ave	0.8960	0.8758		97.8	100	98	50-150
PCB-155L	Ave	1.136	1.223		108	100	108	50-150
PCB-81L	Ave	1.350	1.290		95.6	100	96	50-150
PCB-77L	Ave	1.426	1.403		98.4	100	98	50-150
PCB-123L	Ave	0.9399	0.9923		106	100	106	50-150
PCB-118L	Ave	0.9794	1.035		106	100	106	50-150
PCB-114L	Ave	0.9767	0.999		102	100	102	50-150
PCB-188L	Ave	1.260	1.284		102	100	102	50-150
PCB-105L	Ave	0.9600	0.9795		102	100	102	50-150
PCB-126L	Ave	0.9554	0.9586		100	100	100	50-150
PCB-202L	Ave	1.039	1.041		100	100	100	50-150
PCB-167L	Ave	1.266	1.241		98.0	100	98	50-150
PCB-156L	Ave	1.252	1.237		198	200	99	50-150
PCB-156L/157L	Ave	1.252	1.237		198	200	99	50-150
PCB-157L	Ave	1.252	1.237		198	200	99	50-150
PCB-170L	Ave	0.8524	0.8067		94.6	100	95	50-150
PCB-169L	Ave	1.307	1.239		94.8	100	95	50-150
PCB-208L	Ave	1.023	1.087		106	100	106	50-150
PCB-189L	Ave	1.474	1.475		100	100	100	50-150
PCB-205L	Ave	1.217	1.202		98.8	100	99	50-150
PCB-206L	Ave	0.7298	0.7758		106	100	106	50-150
PCB-209L	Ave	0.7565	0.8255		109	100	109	50-150
PCB-28L	Ave	0.9882	0.9831		49.7	50.0	99	60-130
PCB-111L	Ave	1.180	1.314		55.7	50.0	111	60-130
PCB-178L	Ave	0.8365	0.9190		54.9	50.0	110	60-130

Resolution Check Report (DFS SN: 3190)

eurofins

Date:	04 Jan 2024 10:56
MID Experiment:	ResCheck_1668
Target Resolution:	10000
Resolution Warning :	10000
Resolution Error :	10000
Reference:	FC43KnxPCB.lua
Status:	RESOLUTION PASSED

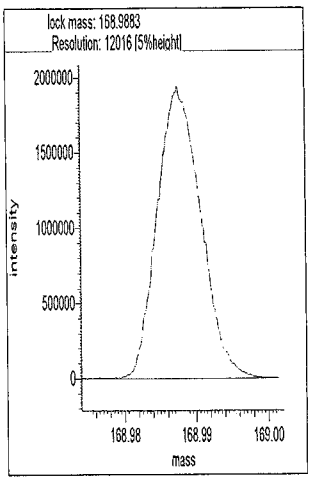
Segment 1

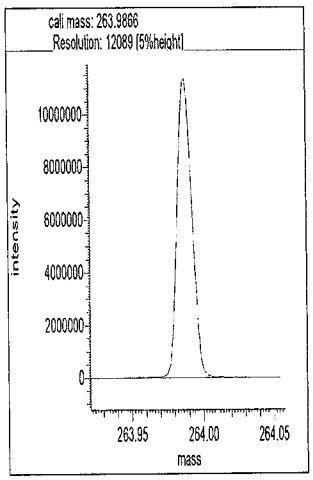
-d2230104r1

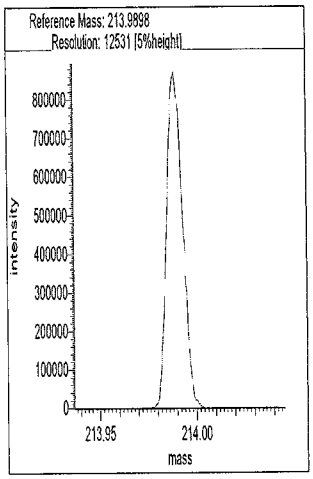
Lock mass 168.9883 [m/z] Resolution: 12016 [5%height]

Cali. mass 263.9866 [m/z] Resolution: 12089 [5%height]

Ref. mass 213.9898 [m/z] Resolution: 12531 [5%height]





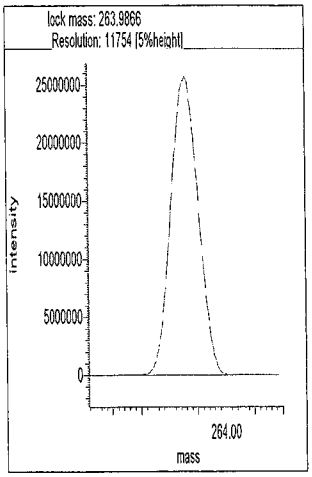


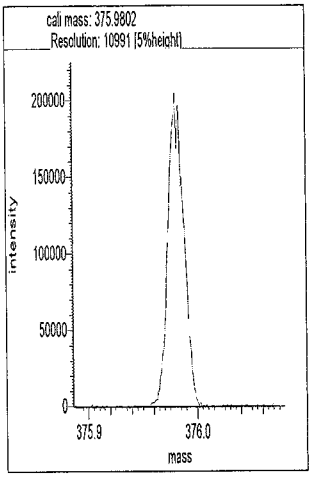
Segment 2

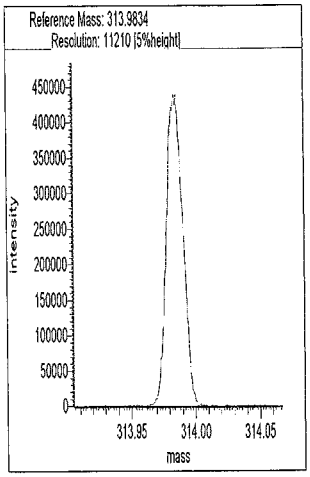
Lock mass 263.9866 [m/z] Resolution: 11754 [5%height]

Cali. mass 375.9802 [m/z] Resolution: 10991 [5%height]

Ref. mass 313.9834 [m/z] Resolution: 11210 [5%height]





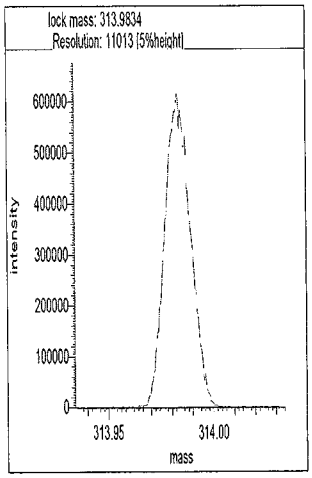


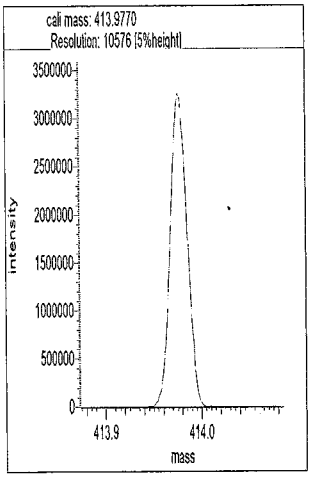
Segment 3

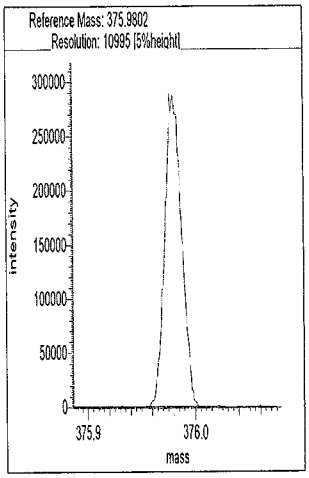
Lock mass 313.9834 [m/z] Resolution: 11013 [5%height]

Cali. mass 413.9770 [m/z] Resolution: 10576 [5%height]

Ref. mass 375.9802 [m/z] Resolution: 10995 [5%height]





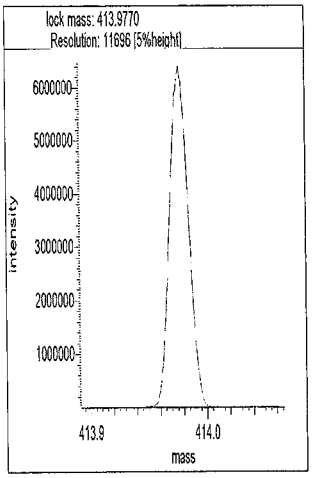


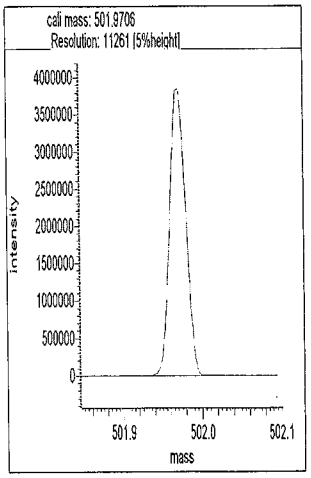
Segment 4

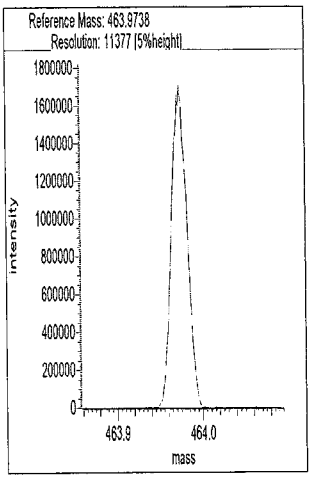
Lock mass 413.9770 [m/z] Resolution: 11696 [5%height]

Cali. mass 501.9706 [m/z] Resolution: 11261 [5%height]

Ref. mass 463.9738 [m/z] Resolution: 11377 [5%height]


lock mass: 413.9770
Resolution: 11696 [5%height]
intensity
6000000
5000000
4000000
3000000
2000000
1000000
413.9
414.0
mass

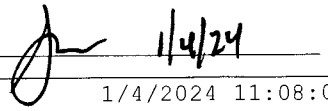

cali mass: 501.9706
Resolution: 11261 [5%height]
intensity
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
501.9
502.0
502.1
mass


Reference Mass: 463.9738
Resolution: 11377 [5%height]
intensity
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
463.9
464.0
mass

```
Reports
11:07:16:  Peak matching procedure started
11:07:17:
11:07:17:  Reference mass: 168.98827
11:07:18:  Sample mass: 214.0
11:07:18:
11:07:19:  Finding reference mass
11:07:20:  Finding sample mass
11:07:20:
11:07:26:  [1]   213.9895 amu, mean: 213.9895
11:07:29:  [2]   213.9893 amu, mean: 213.9894     SD: 0.14 mmu or: 0.63 ppm
11:07:32:  [3]   213.9892 amu, mean: 213.9894     SD: 0.16 mmu or: 0.73 ppm
11:07:36:  [4]   213.9894 amu, mean: 213.9894     SD: 0.13 mmu or: 0.60 ppm
11:07:36:
11:07:36:  Stop requested. Please wait for procedure to finish.
11:07:36:
11:07:39:
11:07:39:  Peakmatching stopped
```

Signature 1/4/24

```
Reports
11:07:45:  Peak matching procedure started
11:07:45:
11:07:46:  Reference mass: 213.98975
11:07:46:  Sample mass: 264.0
11:07:47:
11:07:47:  Finding reference mass
11:07:48:  Finding sample mass
11:07:49:
11:07:54:  [1]   263.9861 amu, mean: 263.9861
11:07:58:  [2]   263.9864 amu, mean: 263.9862     SD: 0.20 mmu or: 0.77 ppm
11:08:01:  [3]   263.9859 amu, mean: 263.9861     SD: 0.22 mmu or: 0.83 ppm
11:08:04:  [4]   263.9867 amu, mean: 263.9863     SD: 0.31 mmu or: 1.19 ppm
11:08:05:
11:08:05:  Stop requested. Please wait for procedure to finish.
11:08:05:
11:08:07:
11:08:08:  Peakmatching stopped
```

Signature  1/4/24

```
Reports
11:08:12:  Peak matching procedure started
11:08:13:
11:08:13:  Reference mass: 263.98656
11:08:14:  Sample mass: 314.0
11:08:14:
11:08:15:  Finding reference mass
11:08:16:  Finding sample mass
11:08:16:
11:08:22:  [1]   313.9833 amu, mean: 313.9833
11:08:25:  [2]   313.9830 amu, mean: 313.9832     SD: 0.23 mmu or: 0.73 ppm
11:08:28:  [3]   313.9835 amu, mean: 313.9833     SD: 0.27 mmu or: 0.86 ppm
11:08:32:  [4]   313.9836 amu, mean: 313.9834     SD: 0.26 mmu or: 0.83 ppm
11:08:32:
11:08:32:  Stop requested. Please wait for procedure to finish.
11:08:32:
11:08:35:
11:08:36:  Peakmatching stopped
```

Signature 1/4/24

Reports

```
11:08:40:  Peak matching procedure started
11:08:41:
11:08:41:  Reference mass: 313.98336
11:08:42:  Sample mass: 376.0
11:08:42:
11:08:43:  Finding reference mass
11:08:44:  Finding sample mass
11:08:44:
11:08:50:  [1]   375.9794 amu, mean: 375.9794
11:08:53:  [2]   375.9801 amu, mean: 375.9797     SD: 0.49 mmu or: 1.30 ppm
11:08:56:  [3]   375.9800 amu, mean: 375.9798     SD: 0.38 mmu or: 1.00 ppm
11:09:00:  [4]   375.9797 amu, mean: 375.9798     SD: 0.31 mmu or: 0.82 ppm
11:09:00:
11:09:00:  Stop requested. Please wait for procedure to finish.
11:09:00:
11:09:03:
11:09:03:  Peakmatching stopped
```

Signature 1/4/24

Reports

```
11:08:40:  Peak matching procedure started
11:08:41:
11:08:41:  Reference mass: 313.98336
11:08:42:  Sample mass: 376.0
11:08:42:
11:08:43:  Finding reference mass
11:08:44:  Finding sample mass
11:08:44:
11:08:50:  [1]   375.9794 amu, mean: 375.9794
11:08:53:  [2]   375.9801 amu, mean: 375.9797     SD: 0.49 mmu or: 1.30 ppm
11:08:56:  [3]   375.9800 amu, mean: 375.9798     SD: 0.38 mmu or: 1.00 ppm
11:09:00:  [4]   375.9797 amu, mean: 375.9798     SD: 0.31 mmu or: 0.82 ppm
11:09:00:
11:09:00:  Stop requested. Please wait for procedure to finish.
11:09:00:
11:09:03:
11:09:03:  Peakmatching stopped
```

Signature 1/4/24

Reports

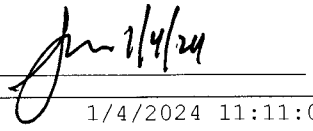
```
11:09:10:  Peak matching procedure started
11:09:11:
11:09:11:  Reference mass: 375.98017
11:09:12:  Sample mass: 414.0
11:09:12:
11:09:13:  Finding reference mass
11:09:14:  Finding sample mass
11:09:14:
11:09:20:  [1]   413.9770 amu, mean: 413.9770
11:09:23:  [2]   413.9767 amu, mean: 413.9769     SD: 0.20 mmu or: 0.48 ppm
11:09:27:  [3]   413.9766 amu, mean: 413.9768     SD: 0.21 mmu or: 0.50 ppm
11:09:30:  [4]   413.9758 amu, mean: 413.9765     SD: 0.52 mmu or: 1.26 ppm
11:09:30:
11:09:30:  Stop requested. Please wait for procedure to finish.
11:09:30:
11:09:33:
11:09:33:  Peakmatching stopped
```

Signature 1/4/24

```
Reports
11:09:55:  Peak matching procedure started
11:09:55:
11:09:56:  Reference mass: 413.97698
11:09:56:  Sample mass: 464.0
11:09:57:
11:09:57:  Finding reference mass
11:09:58:  Finding sample mass
11:09:59:
11:10:04:  [1]   463.9736 amu, mean: 463.9736
11:10:08:  [2]   463.9738 amu, mean: 463.9737     SD: 0.16 mmu or: 0.34 ppm
11:10:11:  [3]   463.9735 amu, mean: 463.9737     SD: 0.17 mmu or: 0.38 ppm
11:10:14:  [4]   463.9732 amu, mean: 463.9735     SD: 0.27 mmu or: 0.58 ppm
11:10:14:
11:10:14:  Stop requested. Please wait for procedure to finish.
11:10:14:
11:10:17:
11:10:18:  Peakmatching stopped
```

Signature 1/4/24

```
Reports
11:10:32:  Peak matching procedure started
11:10:32:
11:10:33:  Reference mass: 463.97378
11:10:33:  Sample mass: 502.0
11:10:34:
11:10:34:  Finding reference mass
11:10:35:  Finding sample mass
11:10:36:
11:10:41:  [1]   501.9705 amu, mean: 501.9705
11:10:44:  [2]   501.9708 amu, mean: 501.9707     SD: 0.25 mmu or: 0.50 ppm
11:10:48:  [3]   501.9706 amu, mean: 501.9707     SD: 0.18 mmu or: 0.36 ppm
11:10:51:  [4]   501.9700 amu, mean: 501.9705     SD: 0.36 mmu or: 0.73 ppm
11:10:52:
11:10:52:  Stop requested. Please wait for procedure to finish.
11:10:52:
11:10:54:  [5]   501.9701 amu, mean: 501.9704     SD: 0.37 mmu or: 0.74 ppm
11:10:56:
11:10:56:  Peakmatching stopped
```

Signature 

Resolution Check Report (DFS SN: 3190)

eurofins

Date:	04 Jan 2024 22:25
MID Experiment:	ResCheck_1668
Target Resolution:	10000
Resolution Warning :	10000
Resolution Error :	10000
Reference:	FC43KnxPCB.lua
Status:	RESOLUTION PASSED

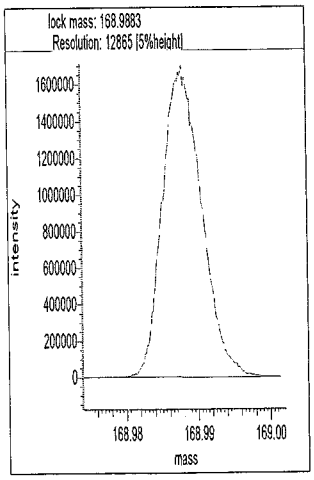
_d2240104r2

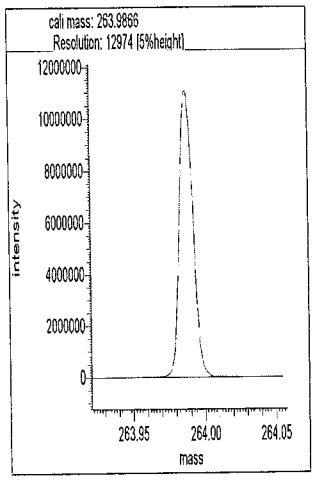
Segment 1

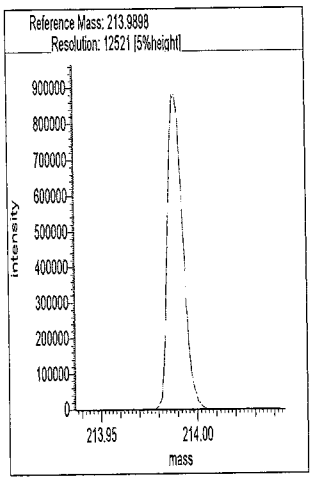
Lock mass 168.9883 [m/z] Resolution: 12865 [5%height]

Cali. mass 263.9866 [m/z] Resolution: 12974 [5%height]

Ref. mass 213.9898 [m/z] Resolution: 12521 [5%height]





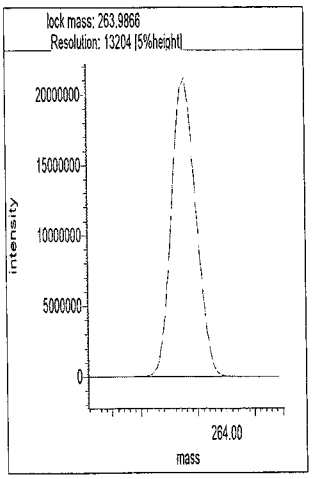


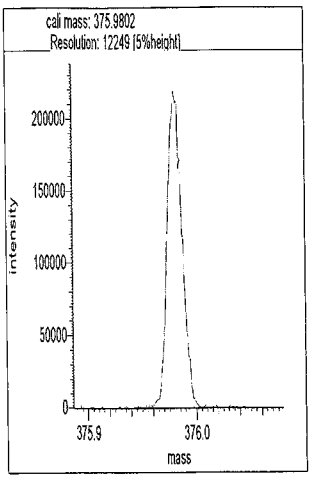
Segment 2

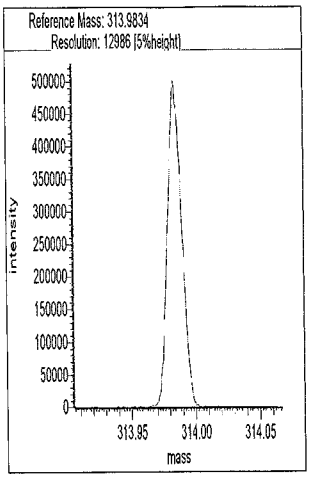
Lock mass 263.9866 [m/z] Resolution: 13204 [5%height]

Cali. mass 375.9802 [m/z] Resolution: 12249 [5%height]

Ref. mass 313.9834 [m/z] Resolution: 12986 [5%height]





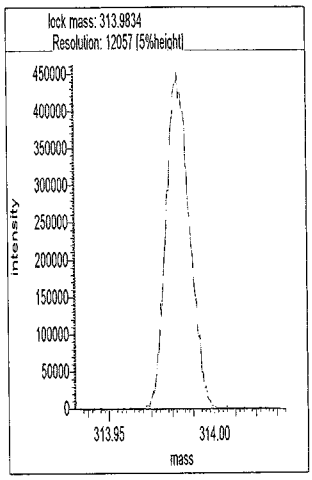


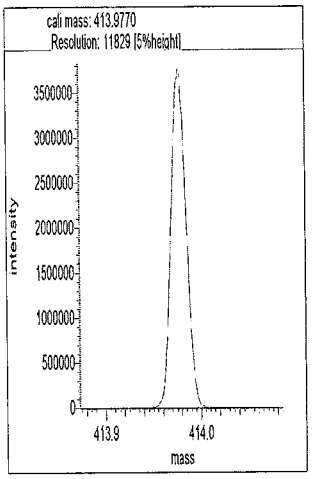
Segment 3

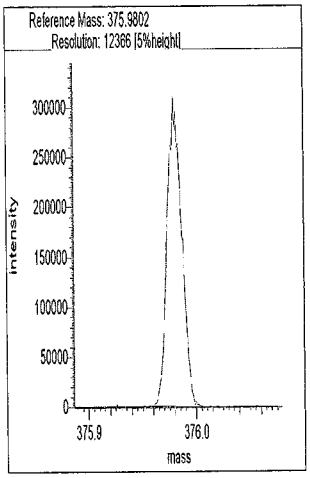
Lock mass 313.9834 [m/z] Resolution: 12057 [5%height]

Cali. mass 413.9770 [m/z] Resolution: 11829 [5%height]

Ref. mass 375.9802 [m/z] Resolution: 12366 [5%height]





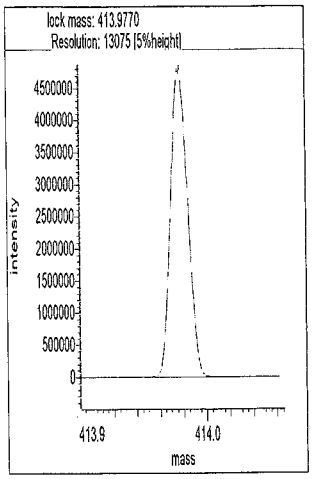


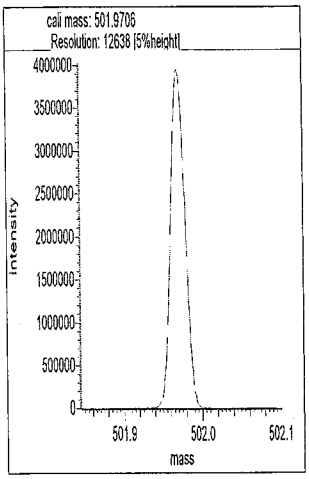
Segment 4

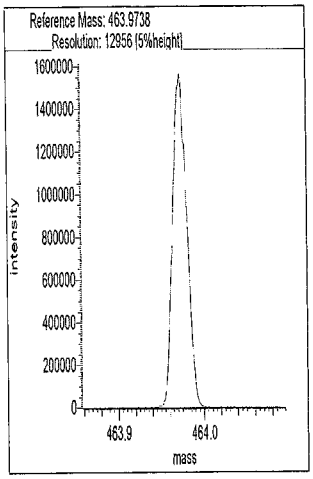
Lock mass 413.9770 [m/z] Resolution: 13075 [5%height]

Cali. mass 501.9706 [m/z] Resolution: 12638 [5%height]

Ref. mass 463.9738 [m/z] Resolution: 12956 [5%height]


lock mass: 413.9770
Resolution: 13075 [5%height]
4500000
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
intensity
413.9
414.0
mass


cali mass: 501.9706
Resolution: 12638 [5%height]
4000000
3500000
3000000
2500000
2000000
1500000
1000000
500000
0
intensity
501.9
502.0
502.1
mass


Reference Mass: 463.9738
Resolution: 12956 [5%height]
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0
intensity
463.9
464.0
mass

Reports

```
22:34:53:  Peak matching procedure started
22:34:53:
22:34:54:  Reference mass: 168.98827
22:34:54:  Sample mass: 214.0
22:34:55:
22:34:55:  Finding reference mass
22:34:56:  Finding sample mass
22:34:57:
22:35:02:  [1]   213.9899 amu, mean: 213.9899
22:35:05:  [2]   213.9896 amu, mean: 213.9898     SD: 0.20 mmu or: 0.91 ppm
22:35:09:  [3]   213.9897 amu, mean: 213.9897     SD: 0.14 mmu or: 0.66 ppm
22:35:12:  [4]   213.9896 amu, mean: 213.9897     SD: 0.13 mmu or: 0.59 ppm
22:35:12:
22:35:12:  Stop requested. Please wait for procedure to finish.
22:35:12:
22:35:15:
22:35:16:  Peakmatching stopped
```

Signature Lva 1-4-24

Reports
22:35:34: Peak matching procedure started
22:35:34:
22:35:35: Reference mass: 213.98975
22:35:35: Sample mass: 264.0
22:35:36:
22:35:36: Finding reference mass
22:35:37: Finding sample mass
22:35:38:
22:35:43: [1] 263.9862 amu, mean: 263.9862
22:35:47: [2] 263.9864 amu, mean: 263.9863 SD: 0.19 mmu or: 0.72 ppm
22:35:50: [3] 263.9866 amu, mean: 263.9864 SD: 0.20 mmu or: 0.77 ppm
22:35:53: [4] 263.9861 amu, mean: 263.9863 SD: 0.23 mmu or: 0.87 ppm
22:35:54:
22:35:54: Stop requested. Please wait for procedure to finish.
22:35:54:
22:35:56:
22:35:57: Peakmatching stopped

Signature LK 1-4-24

Reports

```
22:36:18:  Peak matching procedure started
22:36:18:
22:36:19:  Reference mass: 263.98656
22:36:19:  Sample mass: 314.0
22:36:20:
22:36:20:  Finding reference mass
22:36:21:  Finding sample mass
22:36:22:
22:36:27:  [1]   313.9834 amu, mean: 313.9834
22:36:31:  [2]   313.9836 amu, mean: 313.9835     SD: 0.12 mmu or: 0.38 ppm
22:36:34:  [3]   313.9833 amu, mean: 313.9835     SD: 0.15 mmu or: 0.47 ppm
22:36:37:  [4]   313.9833 amu, mean: 313.9834     SD: 0.14 mmu or: 0.43 ppm
22:36:37:
22:36:37:  Stop requested. Please wait for procedure to finish.
22:36:37:
22:36:40:
22:36:41:  Peakmatching stopped
```

Signature LH 1-4-24

```
Reports
22:37:01:  Peak matching procedure started
22:37:01:
22:37:02:  Reference mass: 313.98336
22:37:02:  Sample mass: 376.0
22:37:03:
22:37:03:  Finding reference mass
22:37:04:  Finding sample mass
22:37:05:
22:37:10:  [1]   375.9800 amu, mean: 375.9800
22:37:14:  [2]   375.9799 amu, mean: 375.9800     SD: 0.09 mmu or: 0.24 ppm
22:37:17:  [3]   375.9801 amu, mean: 375.9800     SD: 0.09 mmu or: 0.25 ppm
22:37:20:  [4]   375.9803 amu, mean: 375.9801     SD: 0.16 mmu or: 0.42 ppm
22:37:21:
22:37:21:  Stop requested. Please wait for procedure to finish.
22:37:21:
22:37:23:
22:37:24:  Peakmatching stopped
```

Signature LK 1-4-24

Reports
22:37:01: Peak matching procedure started
22:37:01:
22:37:02: Reference mass: 313.98336
22:37:02: Sample mass: 376.0
22:37:03:
22:37:03: Finding reference mass
22:37:04: Finding sample mass
22:37:05:
22:37:10: [1] 375.9800 amu, mean: 375.9800
22:37:14: [2] 375.9799 amu, mean: 375.9800 SD: 0.09 mmu or: 0.24 ppm
22:37:17: [3] 375.9801 amu, mean: 375.9800 SD: 0.09 mmu or: 0.25 ppm
22:37:20: [4] 375.9803 amu, mean: 375.9801 SD: 0.16 mmu or: 0.42 ppm
22:37:21:
22:37:21: Stop requested. Please wait for procedure to finish.
22:37:21:
22:37:23:
22:37:24: Peakmatching stopped

Signature LH 1-4-24

Reports

```
22:37:48:  Peak matching procedure started
22:37:48:
22:37:49:  Reference mass: 375.98017
22:37:49:  Sample mass: 414.0
22:37:50:
22:37:50:  Finding reference mass
22:37:51:  Finding sample mass
22:37:52:
22:37:57:  [1]   413.9770 amu, mean: 413.9770
22:38:00:  [2]   413.9774 amu, mean: 413.9772     SD: 0.28 mmu or: 0.68 ppm
22:38:04:  [3]   413.9775 amu, mean: 413.9773     SD: 0.27 mmu or: 0.64 ppm
22:38:07:  [4]   413.9765 amu, mean: 413.9771     SD: 0.45 mmu or: 1.09 ppm
22:38:08:
22:38:08:  Stop requested. Please wait for procedure to finish.
22:38:08:
22:38:10:  [5]   413.9773 amu, mean: 413.9772     SD: 0.40 mmu or: 0.96 ppm
22:38:12:
22:38:12:  Peakmatching stopped
```

Signature LM 1-4-24

Reports
22:38:31: Peak matching procedure started
22:38:32:
22:38:32: Reference mass: 413.97698
22:38:33: Sample mass: 464.0
22:38:33:
22:38:34: Finding reference mass
22:38:35: Finding sample mass
22:38:35:
22:38:41: [1] 463.9732 amu, mean: 463.9732
22:38:44: [2] 463.9730 amu, mean: 463.9731 SD: 0.16 mmu or: 0.34 ppm
22:38:48: [3] 463.9731 amu, mean: 463.9731 SD: 0.11 mmu or: 0.24 ppm
22:38:51: [4] 463.9741 amu, mean: 463.9734 SD: 0.49 mmu or: 1.06 ppm
22:38:51:
22:38:51: Stop requested. Please wait for procedure to finish.
22:38:51:
22:38:54:
22:38:54: Peakmatching stopped

Signature 1.4.24

Reports

```
22:40:15:  Peak matching procedure started
22:40:16:
22:40:16:  Reference mass: 463.97378
22:40:17:  Sample mass: 502.0
22:40:17:
22:40:18:  Finding reference mass
22:40:19:  Finding sample mass
22:40:19:
22:40:25:  [1]   501.9699 amu, mean: 501.9699
22:40:28:  [2]   501.9709 amu, mean: 501.9704     SD: 0.74 mmu or: 1.48 ppm
22:40:31:  [3]   501.9708 amu, mean: 501.9705     SD: 0.57 mmu or: 1.13 ppm
22:40:34:  [4]   501.9705 amu, mean: 501.9705     SD: 0.46 mmu or: 0.92 ppm
22:40:35:
22:40:35:  Stop requested. Please wait for procedure to finish.
22:40:35:
22:40:37:
22:40:38:  Peakmatching stopped
```

Signature 1-4-24

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Lims ID: WDMCCV
Client ID:
Sample Type: WDMCCV
Inject. Date: 04-Jan-2024 11:14:00 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-001
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 13:55:31 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1687

First Level Reviewer: F9EE Date: 04-Jan-2024 12:37:17

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					146.1	146.1	0.1194	0.1194		
D PCB-1L	11:42	7355173	3.17	1.3572	108.4	108.4	0.2372	0.2372	108	
D PCB-3L	13:51	6578386	3.22	1.4136	93.1	93.1	0.2277	0.2277	93.05	
PCB-1	11:43	4485550	3.18	1.2253	49.8	49.8	0.0974	0.0974	99.55	
PCB-2	13:42	4040973	3.24	1.2638	45.9	45.9	0.1139	0.1139	91.79	
PCB-3	13:52	4094713	3.17	1.2343	50.4	50.4	0.1470	0.1470	101	
S Total Dichlorobiphenyls					595.4	595.4	0.0746	0.0746		
D PCB-4L	14:06	3261986	1.57	0.6168	105.7	105.7	0.0664	0.0664	106	
* PCB-9L	16:04	5000790	1.59	2E+05	100.0	100.0			100	
$ PCB-8L	16:55	2423135	1.60	1.0903	51.6	51.6	0.0489	0.0489	103	
D PCB-15L	19:59	5349353	1.61	1.1198	95.5	95.5	0.0366	0.0366	95.53	
PCB-4	14:07	1955043	1.60	1.2801	46.8	46.8	0.0779	0.0779	93.64	
PCB-10	14:17	2600934	1.55	1.1542	52.3	52.3	0.0842	0.0842	105	
PCB-9	16:05	2856473	1.55	1.3642	48.6	48.6	0.0712	0.0712	97.26	
PCB-7	16:15	2700049	1.59	1.2485	50.2	50.2	0.0778	0.0778	100	
PCB-6	16:30	3139664	1.61	1.4961	48.7	48.7	0.0649	0.0649	97.48	
PCB-5	16:48	2493093	1.58	1.2206	47.4	47.4	0.0796	0.0796	94.87	
PCB-8	16:56	3461874	1.55	1.5207	52.9	52.9	0.0639	0.0639	106	
PCB-14	18:33	2719544	1.55	1.2864	49.1	49.1	0.0755	0.0755	98.20	
PCB-11	19:23	2990158	1.58	1.4418	48.2	48.2	0.0674	0.0674	96.33	
PCB-12	19:43	5472932	1.57	1.2960	98.1	98.1	0.0750	0.0750	98.08	
PCB-13 (C12)	19:43	5472932	1.57	1.2960	98.1	98.1	0.0750	0.0750	98.08	
PCB-15	20:00	3224222	1.62	1.1378	53.0	53.0	0.0832	0.0832	106	
S Total Trichlorobiphenyls					1234.4	1234.4	0.3075	0.3075		
D PCB-19L	17:12	2259039	1.04	0.6075	103.7	103.7	1.153	1.153	104	
* PCB-32L	20:27	3587359	1.07	1.4E+05	100.0	100.0			100	
* PCB-31L	22:43	8192786	1.07	3.1E+05	100.0	100.0			100	
$ PCB-28L	23:01	4026980	1.04	0.9882	49.7	49.7	0.1118	0.1118	99.48	
D PCB-37L	27:02	7175645	1.07	0.8960	97.8	97.8	0.1233	0.1233	97.76	
PCB-19	17:13	1500863	1.07	1.2904	51.5	51.5	0.0457	0.0457	103	
PCB-18	19:03	4020672	1.08	1.8076	98.5	98.5	0.0326	0.0326	98.46	
PCB-30 (C18)	19:03	4020672	1.08	1.8076	98.5	98.5	0.0326	0.0326	98.46	
PCB-17	19:30	1363162	1.06	1.2151	49.7	49.7	0.0485	0.0485	99.32	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-27	19:43	1860914	1.06	1.7146	48.0	48.0	0.0344	0.0344	96.09	
PCB-24	19:51	2015674	1.09	1.7741	50.3	50.3	0.0332	0.0332	101	
PCB-16	19:58	1471631	1.06	1.2003	54.3	54.3	0.0491	0.0491	109	
PCB-32	20:29	2230784	1.07	1.9703	50.1	50.1	0.0299	0.0299	100	
PCB-34	21:44	3702646	1.05	1.0089	51.1	51.1	0.5111	0.5111	102	
PCB-23	21:53	4083799	1.06	1.0329	55.1	55.1	0.4992	0.4992	110	
PCB-26	22:13	7812663	1.06	1.0037	108.5	108.5	0.5137	0.5137	108	
PCB-29 (C26)	22:13	7812663	1.06	1.0037	108.5	108.5	0.5137	0.5137	108	
PCB-25	22:26	4950655	1.05	1.2995	53.1	53.1	0.3968	0.3968	106	
PCB-31	22:44	4622364	1.05	1.2369	52.1	52.1	0.4169	0.4169	104	
PCB-20	23:03	8066473	1.05	1.1096	101.3	101.3	0.4647	0.4647	101	
PCB-28 (C20)	23:03	8066473	1.05	1.1096	101.3	101.3	0.4647	0.4647	101	
PCB-21	23:13	8432369	1.05	1.1245	104.5	104.5	0.4585	0.4585	105	M
PCB-33 (C21)	23:13	8432369	1.05	1.1245	104.5	104.5	0.4585	0.4585	105	M
PCB-22	23:40	4440740	1.06	1.2027	51.5	51.5	0.4287	0.4287	103	
PCB-36	25:14	4715597	1.05	1.2953	50.7	50.7	0.3981	0.3981	101	
PCB-39	25:36	4143521	1.07	1.1621	49.7	49.7	0.4437	0.4437	99.38	
PCB-38	26:10	4475989	1.04	1.1759	53.0	53.0	0.4385	0.4385	106	
PCB-35	26:39	4157576	1.05	1.1311	51.2	51.2	0.4559	0.4559	102	
PCB-37	27:02	4119529	1.04	1.1448	50.1	50.1	0.4504	0.4504	100	
S Total Tetrachlorobiphenyls					2214.0	2214.0	0.0296	0.0296		
D PCB-54L	20:17	2714515	0.81	0.6773	111.7	111.7	0.0234	0.0234	112	
* PCB-52L	24:51	4272824	0.78	1.6E+05	100.0	100.0			100	
$ PCB-79L	32:46	2716609	0.80	0.9218	51.2	51.2	0.4322	0.4322	102	
D PCB-81L	33:46	5512892	0.79	1.3497	95.6	95.6	0.3274	0.3274	95.60	
D PCB-77L	34:20	5993654	0.80	1.4256	98.4	98.4	0.3099	0.3099	98.40	
PCB-54	20:18	1553858	0.75	1.2064	47.4	47.4	0.0179	0.0179	94.89	
PCB-50	22:29	4682781	0.78	0.7674	106.1	106.1	0.0382	0.0382	106	
PCB-53 (C50)	22:29	4682781	0.78	0.7674	106.1	106.1	0.0382	0.0382	106	
PCB-45	23:12	4295384	0.78	0.7052	105.9	105.9	0.0416	0.0416	106	
PCB-51 (C45)	23:12	4295384	0.78	0.7052	105.9	105.9	0.0416	0.0416	106	
PCB-46	23:27	1914828	0.76	0.5909	56.3	56.3	0.0497	0.0497	113	
PCB-52	24:52	2374142	0.79	0.8488	48.6	48.6	0.0346	0.0346	97.23	
PCB-43	25:01	5497691	0.80	0.8936	106.9	106.9	0.0328	0.0328	107	
PCB-73 (C43)	25:01	5497691	0.80	0.8936	106.9	106.9	0.0328	0.0328	107	
PCB-49	25:19	5505658	0.79	0.8934	107.1	107.1	0.0329	0.0329	107	
PCB-69 (C49)	25:19	5505658	0.79	0.8934	107.1	107.1	0.0329	0.0329	107	
PCB-48	25:38	2349373	0.77	0.7506	54.4	54.4	0.0391	0.0391	109	
PCB-44	25:53	7965076	0.79	0.8388	165.1	165.1	0.0350	0.0350	110	
PCB-47 (C44)	25:53	7965076	0.79	0.8388	165.1	165.1	0.0350	0.0350	110	
PCB-65 (C44)	25:53	7965076	0.79	0.8388	165.1	165.1	0.0350	0.0350	110	
PCB-59	26:11	9624557	0.79	1.0042	166.6	166.6	0.0292	0.0292	111	
PCB-62 (C59)	26:11	9624557	0.79	1.0042	166.6	166.6	0.0292	0.0292	111	
PCB-75 (C59)	26:11	9624557	0.79	1.0042	166.6	166.6	0.0292	0.0292	111	
PCB-42	26:23	2389005	0.81	0.6874	60.4	60.4	0.0427	0.0427	121	
PCB-40	26:52	7394625	0.79	0.7618	168.7	168.7	0.0385	0.0385	112	
PCB-41 (C40)	26:52	7394625	0.79	0.7618	168.7	168.7	0.0385	0.0385	112	
PCB-71 (C40)	26:52	7394625	0.79	0.7618	168.7	168.7	0.0385	0.0385	112	
PCB-64	27:06	3390720	0.78	1.0318	57.1	57.1	0.0284	0.0284	114	
PCB-72	27:56	3467639	0.81	1.1621	51.9	51.9	0.0253	0.0253	104	
PCB-68	28:13	3394884	0.71	1.1249	52.5	52.5	0.0261	0.0261	105	
PCB-57	28:38	3289337	0.78	1.1107	51.5	51.5	0.0264	0.0264	103	
PCB-58	28:53	3655541	0.78	1.2848	49.5	49.5	0.0228	0.0228	98.91	
PCB-67	29:03	4037686	0.78	1.3274	52.9	52.9	0.0221	0.0221	106	
PCB-63	29:19	3097648	0.80	1.0648	50.6	50.6	0.0276	0.0276	101	
PCB-61	29:39	13799965	0.79	1.1549	207.7	207.7	0.0254	0.0254	104	
PCB-70 (C61)	29:39	13799965	0.79	1.1549	207.7	207.7	0.0254	0.0254	104	
PCB-74 (C61)	29:39	13799965	0.79	1.1549	207.7	207.7	0.0254	0.0254	104	
PCB-76 (C61)	29:39	13799965	0.79	1.1549	207.7	207.7	0.0254	0.0254	104	
PCB-66	29:58	3558822	0.76	1.2325	50.2	50.2	0.0238	0.0238	100	
PCB-55	30:08	3793904	0.79	1.2655	52.1	52.1	0.0232	0.0232	104	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-56	30:39	3481083	0.79	1.2161	49.8	49.8	0.0241	0.0241	99.51	
PCB-60	30:51	3120188	0.77	1.0554	51.4	51.4	0.0278	0.0278	103	
PCB-80	31:16	3563468	0.79	1.2769	48.5	48.5	0.0230	0.0230	97.01	
PCB-79	32:48	3953585	0.79	1.4452	47.5	47.5	0.0203	0.0203	95.10	
PCB-78	33:21	3314585	0.74	1.2116	47.5	47.5	0.0242	0.0242	95.10	
PCB-81	33:47	2750958	0.78	1.0148	49.2	49.2	0.0294	0.0294	98.34	
PCB-77	34:21	3190096	0.75	1.0498	50.7	50.7	0.0275	0.0275	101	
S Total Pentachlorobiphenyls					2305.1	2305.1	0.1917	0.1917		
D PCB-104L	25:47	4027735	1.59	1.1880	104.9	104.9	0.0406	0.0406	105	
$ PCB-95L	28:45	1407827	1.59	0.6819	51.3	51.3	0.0524	0.0524	103	
* PCB-101L	31:42	3233277	1.62	1.2E+05	100.0	100.0			100	
$ PCB-111L	34:22	2124798	1.59	1.1801	55.7	55.7	0.0409	0.0409	111	
D PCB-123L	36:19	5737876	1.60	0.9399	105.6	105.6	0.7538	0.7538	106	
D PCB-118L	36:39	5985140	1.60	0.9794	105.7	105.7	0.7234	0.7234	106	
D PCB-114L	37:10	5776177	1.60	0.9767	102.3	102.3	0.7254	0.7254	102	
D PCB-105L	37:50	5663836	1.58	0.9600	102.0	102.0	0.7380	0.7380	102	
* PCB-127L	39:18	5782299	1.57	2.1E+05	100.0	100.0			100	
D PCB-126L	40:54	5542712	1.57	0.9554	100.3	100.3	0.7415	0.7415	100	
PCB-104	25:48	2114098	1.59	1.0054	52.2	52.2	0.0576	0.0576	104	
PCB-96	26:11	2431597	1.60	1.1511	52.4	52.4	0.0503	0.0503	105	
PCB-103	28:07	1700500	1.57	0.8327	50.7	50.7	0.0696	0.0696	101	
PCB-94	28:20	1476789	1.57	0.6950	52.8	52.8	0.0834	0.0834	106	
PCB-95	28:47	1590263	1.63	0.7922	49.8	49.8	0.0731	0.0731	99.67	
PCB-93	28:59	3029336	1.48	0.7830	96.1	96.1	0.0740	0.0740	96.06	
PCB-100 (C93)	28:59	3029336	1.48	0.7830	96.1	96.1	0.0740	0.0740	96.06	
PCB-98	29:08	3803716	1.62	0.9182	102.8	102.8	0.0631	0.0631	103	M
PCB-102 (C98)	29:08	3803716	1.62	0.9182	102.8	102.8	0.0631	0.0631	103	M
PCB-88	29:38	3192004	1.60	0.8023	98.8	98.8	0.0722	0.0722	98.78	
PCB-91 (C88)	29:38	3192004	1.60	0.8023	98.8	98.8	0.0722	0.0722	98.78	
PCB-84	29:51	1454200	1.56	0.6855	52.7	52.7	0.0845	0.0845	105	
PCB-89	30:20	1742531	1.59	0.8482	51.0	51.0	0.0683	0.0683	102	
PCB-121	30:45	2554701	1.56	1.2839	49.4	49.4	0.0451	0.0451	98.81	
PCB-92	31:08	1590425	1.55	0.7805	50.6	50.6	0.0742	0.0742	101	
PCB-90	31:41	5647063	1.56	0.9542	146.9	146.9	0.0607	0.0607	97.95	
PCB-101 (C90)	31:41	5647063	1.56	0.9542	146.9	146.9	0.0607	0.0607	97.95	
PCB-113 (C90)	31:41	5647063	1.56	0.9542	146.9	146.9	0.0607	0.0607	97.95	
PCB-83	32:17	3475666	1.55	0.8851	97.5	97.5	0.0655	0.0655	97.49	
PCB-99 (C83)	32:17	3475666	1.55	0.8851	97.5	97.5	0.0655	0.0655	97.49	
PCB-112	32:25	2690628	1.62	1.4150	47.2	47.2	0.0409	0.0409	94.42	
PCB-86	32:46	12121815	1.58	1.0283	292.7	292.7	0.0563	0.0563	97.56	M
PCB-87 (C86)	32:46	12121815	1.58	1.0283	292.7	292.7	0.0563	0.0563	97.56	M
PCB-97 (C86)	32:46	12121815	1.58	1.0283	292.7	292.7	0.0563	0.0563	97.56	M
PCB-109 (C86)	32:46	12121815	1.58	1.0283	292.7	292.7	0.0563	0.0563	97.56	M
PCB-119 (C86)	32:46	12121815	1.58	1.0283	292.7	292.7	0.0563	0.0563	97.56	M
PCB-125 (C86)	32:46	12121815	1.58	1.0283	292.7	292.7	0.0563	0.0563	97.56	M
PCB-85	33:30	5927601	1.57	1.0238	143.8	143.8	0.0566	0.0566	95.84	
PCB-116 (C85)	33:30	5927601	1.57	1.0238	143.8	143.8	0.0566	0.0566	95.84	
PCB-117 (C85)	33:30	5927601	1.57	1.0238	143.8	143.8	0.0566	0.0566	95.84	
PCB-110	33:44	5257096	1.58	1.3556	96.3	96.3	0.0427	0.0427	96.28	
PCB-115 (C110)	33:44	5257096	1.58	1.3556	96.3	96.3	0.0427	0.0427	96.28	
PCB-82	34:00	1740765	1.59	0.8520	50.7	50.7	0.0680	0.0680	101	
PCB-111	34:23	2428191	1.59	1.2217	49.3	49.3	0.0474	0.0474	98.70	
PCB-120	34:51	3150260	1.63	1.5157	51.6	51.6	0.0382	0.0382	103	
PCB-108	35:59	6644289	1.57	1.0910	106.1	106.1	0.4674	0.4674	106	
PCB-124 (C108)	35:59	6644289	1.57	1.0910	106.1	106.1	0.4674	0.4674	106	
PCB-107	36:14	3650823	1.63	1.2004	53.0	53.0	0.4248	0.4248	106	
PCB-123	36:21	2854248	1.60	1.0447	47.6	47.6	0.4639	0.4639	95.23	
PCB-106	36:28	3606451	1.60	1.1708	53.7	53.7	0.4355	0.4355	107	
PCB-118	36:40	3343516	1.59	1.0261	54.4	54.4	0.4740	0.4740	109	
PCB-122	37:01	2676239	1.61	0.9264	50.3	50.3	0.5504	0.5504	101	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-114	37:12	3238743	1.60	1.0927	51.3	51.3	0.4560	0.4560	103	
PCB-105	37:51	3159729	1.58	1.0755	51.9	51.9	0.4822	0.4822	104	
PCB-127	39:20	3479452	1.57	1.1835	51.2	51.2	0.4309	0.4309	102	
PCB-126	40:56	3426262	1.58	1.2284	50.3	50.3	0.4649	0.4649	101	
S Total Hexachlorobiphenyls					2096.6	2096.6	0.2943	0.2943		
D PCB-155L	31:27	3953982	1.29	1.1357	107.7	107.7	0.0271	0.0271	108	
$ PCB-153L	38:32	2070332	1.24	0.8141	48.7	48.7	0.4055	0.4055	97.45	
* PCB-138L	39:46	4214621	1.27	1.5E+05	100.0	100.0			100	
D PCB-167L	42:46	5229665	1.27	1.2662	98.0	98.0	0.2682	0.2682	98.00	
D PCB-156L	43:56	10423845	1.28	1.2515	197.6	197.6	0.2713	0.2713	98.81	
D PCB-157L (C156L)	43:56	10423845	1.28	1.2515	197.6	197.6	0.2713	0.2713	98.81	
D PCB-169L	47:10	5222167	1.26	1.3070	94.8	94.8	0.2598	0.2598	94.80	
PCB-155	31:29	1764975	1.26	0.9289	48.1	48.1	0.0235	0.0235	96.11	
PCB-152	31:40	2141499	1.25	1.1242	48.2	48.2	0.0194	0.0194	96.36	
PCB-150	31:50	1948950	1.22	0.9966	49.5	49.5	0.0219	0.0219	98.92	
PCB-136	32:12	1785411	1.25	0.9632	46.9	46.9	0.0227	0.0227	93.76	
PCB-145	32:30	2051066	1.30	1.0775	48.1	48.1	0.0203	0.0203	96.28	
PCB-148	34:00	1415958	1.24	0.7376	48.5	48.5	0.0296	0.0296	97.10	
PCB-135	34:39	2924254	1.26	0.7414	99.8	99.8	0.0295	0.0295	99.75	
PCB-151 (C135)	34:39	2924254	1.26	0.7414	99.8	99.8	0.0295	0.0295	99.75	
PCB-154	34:51	1679740	1.25	0.8223	51.7	51.7	0.0266	0.0266	103	
PCB-144	35:10	1523055	1.22	0.7371	52.3	52.3	0.0296	0.0296	105	
PCB-147	35:32	4619877	1.23	0.8634	102.5	102.5	0.4114	0.4114	103	
PCB-149 (C147)	35:32	4619877	1.23	0.8634	102.5	102.5	0.4114	0.4114	103	
PCB-134	35:49	3732580	1.27	0.6812	105.0	105.0	0.5214	0.5214	105	
PCB-143 (C134)	35:49	3732580	1.27	0.6812	105.0	105.0	0.5214	0.5214	105	
PCB-139	36:07	4568500	1.22	0.8381	104.4	104.4	0.4238	0.4238	104	
PCB-140 (C139)	36:07	4568500	1.22	0.8381	104.4	104.4	0.4238	0.4238	104	
PCB-131	36:19	1828399	1.23	0.6856	51.1	51.1	0.5181	0.5181	102	
PCB-142	36:29	1854032	1.20	0.6760	52.5	52.5	0.5254	0.5254	105	
PCB-132	36:47	1915116	1.20	0.7063	52.0	52.0	0.5029	0.5029	104	
PCB-133	37:17	2058240	1.20	0.7770	50.8	50.8	0.4571	0.4571	102	
PCB-165	37:41	2459169	1.23	0.9584	49.2	49.2	0.3706	0.3706	98.33	
PCB-146	37:56	2312276	1.34	0.9163	48.4	48.4	0.3876	0.3876	96.70	
PCB-161	38:04	2982595	1.19	1.1406	50.1	50.1	0.3114	0.3114	100	
PCB-153	38:34	5367236	1.24	1.0468	98.2	98.2	0.3393	0.3393	98.24	
PCB-168 (C153)	38:34	5367236	1.24	1.0468	98.2	98.2	0.3393	0.3393	98.24	
PCB-141	38:44	2105854	1.25	0.7580	53.2	53.2	0.4686	0.4686	106	
PCB-130	39:09	1654386	1.21	0.6356	49.9	49.9	0.5588	0.5588	99.74	
PCB-137	39:22	1895432	1.25	0.7533	48.2	48.2	0.4715	0.4715	96.42	
PCB-164	39:29	2921991	1.26	1.1173	50.1	50.1	0.3179	0.3179	100	
PCB-129	39:48	9166164	1.23	0.8826	199.0	199.0	0.4025	0.4025	99.50	M
PCB-138 (C129)	39:48	9166164	1.23	0.8826	199.0	199.0	0.4025	0.4025	99.50	M
PCB-160 (C129)	39:48	9166164	1.23	0.8826	199.0	199.0	0.4025	0.4025	99.50	M
PCB-163 (C129)	39:48	9166164	1.23	0.8826	199.0	199.0	0.4025	0.4025	99.50	M
PCB-158	40:11	2884875	1.23	1.1331	48.8	48.8	0.3135	0.3135	97.56	
PCB-128	41:01	4973463	1.22	0.9522	100.1	100.1	0.3730	0.3730	100	
PCB-166 (C128)	41:01	4973463	1.22	0.9522	100.1	100.1	0.3730	0.3730	100	
PCB-159	42:02	3284839	1.27	1.3072	48.1	48.1	0.2717	0.2717	96.30	
PCB-162	42:19	2939198	1.22	1.0935	51.5	51.5	0.3248	0.3248	103	
PCB-167	42:47	2763456	1.24	1.1098	47.6	47.6	0.2661	0.2661	95.23	
PCB-156	43:56	5292041	1.26	1.0713	94.8	94.8	0.3810	0.3810	94.78	
PCB-157 (C156)	43:56	5292041	1.26	1.0713	94.8	94.8	0.3810	0.3810	94.78	
PCB-169	47:11	3080814	1.25	1.2249	48.2	48.2	0.2743	0.2743	96.33	
S Total Heptachlorobiphenyls					1229.1	1229.1	0.0223	0.0223		
D PCB-188L	37:10	4382088	1.05	1.2605	101.9	101.9	0.0381	0.0381	102	
$ PCB-178L	40:14	1568387	1.06	0.8365	54.9	54.9	0.0574	0.0574	110	
* PCB-180L	45:18	3413196	1.08	1.2E+05	100.0	100.0			100	
D PCB-170L	46:34	2753500	1.06	0.8524	94.6	94.6	0.0563	0.0563	94.64	
D PCB-189L	49:41	6215187	1.05	1.4740	100.1	100.1	0.7717	0.7717	100	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-188	37:12	2366546	1.03	1.0534	51.3	51.3	0.0146	0.0146	103	
PCB-179	37:32	2561221	1.05	1.4009	51.2	51.2	0.0138	0.0138	102	
PCB-184	38:03	2416419	1.04	1.2996	52.1	52.1	0.0149	0.0149	104	
PCB-176	38:25	2227529	1.05	1.1987	52.1	52.1	0.0161	0.0161	104	
PCB-186	38:52	2713896	1.07	1.4715	51.7	51.7	0.0131	0.0131	103	
PCB-178	40:16	1623692	1.04	0.8813	51.6	51.6	0.0219	0.0219	103	
PCB-175	40:53	1691546	1.03	0.9040	52.4	52.4	0.0214	0.0214	105	
PCB-187	41:09	2017583	1.05	1.1524	49.1	49.1	0.0168	0.0168	98.14	
PCB-182	41:21	2043962	1.02	1.1052	51.8	51.8	0.0175	0.0175	104	
PCB-183	41:45	3546720	1.07	0.9716	102.3	102.3	0.0199	0.0199	102	Ma
PCB-185 (C183)	41:45	3546720	1.07	0.9716	102.3	102.3	0.0199	0.0199	102	Ma
PCB-174	42:00	1804482	1.05	0.9981	50.7	50.7	0.0194	0.0194	101	
PCB-177	42:26	1839998	1.02	0.9612	53.7	53.7	0.0201	0.0201	107	
PCB-181	42:49	1859394	1.04	1.0577	49.3	49.3	0.0183	0.0183	98.55	
PCB-171	43:03	3275190	1.06	0.8964	102.4	102.4	0.0216	0.0216	102	
PCB-173 (C171)	43:03	3275190	1.06	0.8964	102.4	102.4	0.0216	0.0216	102	
PCB-172	44:41	1699173	1.03	0.9283	51.3	51.3	0.0208	0.0208	103	
PCB-192	44:58	2553797	1.05	1.4131	50.7	50.7	0.0137	0.0137	101	
PCB-180	45:18	4244485	1.06	1.1677	101.9	101.9	0.0166	0.0166	102	
PCB-193 (C180)	45:18	4244485	1.06	1.1677	101.9	101.9	0.0166	0.0166	102	
PCB-191	45:41	2294410	1.06	1.2698	50.6	50.6	0.0152	0.0152	101	
PCB-170	46:36	1581131	1.03	1.0923	52.6	52.6	0.0238	0.0238	105	
PCB-190	47:06	2265555	1.01	1.3003	48.8	48.8	0.0149	0.0149	97.67	
PCB-189	49:42	3244998	1.06	1.0146	51.5	51.5	0.1148	0.1148	103	
S Total Octachlorobiphenyls					585.2	585.2	0.0730	0.0730		
D PCB-202L	42:32	3552282	0.91	1.0390	100.2	100.2	0.0493	0.0493	100	
* PCB-194L	51:47	4212298	0.91	1.5E+05	100.0	100.0			100	
D PCB-205L	52:16	5062529	0.91	1.2166	98.8	98.8	0.6071	0.6071	98.79	
PCB-202	42:34	1717309	0.90	1.0078	48.0	48.0	0.0451	0.0451	95.94	
PCB-201	43:29	1646838	0.88	0.9580	48.4	48.4	0.0474	0.0474	96.78	
PCB-204	44:09	1930068	0.92	1.1119	48.9	48.9	0.0408	0.0408	97.73	
PCB-197	44:23	1873601	0.89	1.0487	50.3	50.3	0.0433	0.0433	101	
PCB-200	44:29	1720153	0.91	0.9671	50.1	50.1	0.0470	0.0470	100	
PCB-198	47:17	2889073	0.91	0.8830	92.1	92.1	0.0514	0.0514	92.11	
PCB-199 (C198)	47:17	2889073	0.91	0.8830	92.1	92.1	0.0514	0.0514	92.11	
PCB-196	47:57	1309035	0.91	0.7882	46.8	46.8	0.0576	0.0576	93.51	
PCB-203	48:09	1635675	0.89	0.9704	47.5	47.5	0.0468	0.0468	94.90	
PCB-195	49:28	2154736	0.88	0.8289	51.3	51.3	0.1611	0.1611	103	
PCB-194	51:49	2443462	0.89	0.9255	52.1	52.1	0.1443	0.1443	104	
PCB-205	52:17	2841418	0.89	1.1267	49.8	49.8	0.1185	0.1185	99.63	
S Total Nonachlorobiphenyls					145.9	145.9	0.5689	0.5689		
D PCB-208L	49:13	4580487	0.80	1.0234	106.3	106.3	0.7994	0.7994	106	
D PCB-206L	54:01	3267937	0.80	0.7298	106.3	106.3	1.121	1.121	106	
PCB-208	49:14	2308527	0.79	1.0457	48.2	48.2	0.5323	0.5323	96.39	
PCB-207	50:10	2364661	0.78	1.2328	48.9	48.9	0.5339	0.5339	97.76	
PCB-206	54:02	2004514	0.77	1.2570	48.8	48.8	0.6404	0.6404	97.60	
D PCB-209L	55:39	3477117	0.72	0.7565	109.1	109.1	0.0663	0.0663	109	
DCB Decachlorobiphenyl	55:41	1746852	0.71	1.0418	48.2	48.2	0.0589	0.0589	96.44	
S Polychlorinated biphenyls, Total					10454	10454	0.1801	0.1801		

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

61CV1668CS3_00016 Amount Added: 20.00 Units: uL

Report Date: 04-Jan-2024 13:55:32 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Lims ID: WDMCCV
Client ID:
Sample Type: WDMCCV
Inject. Date: 04-Jan-2024 11:14:00 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-001
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 13:55:31 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1687

First Level Reviewer: F9EE Date: 04-Jan-2024 12:37:17

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:42	11:42	0	0.728	5590881	1995589	917	2292	2176		
202.0766	11:42	11:42	0	0.728	1764292	623665	629	1572	992	3.17(2.66-3.60)	
PCB-3L											
200.0795	13:51	13:51	0	0.862	5021261	1311512	917	2292	1430		
202.0766	13:51	13:51	0	0.862	1557125	410338	629	1572	652	3.22(2.66-3.60)	
PCB-1											
188.0393	11:43	11:43	0	1.001	3412401	1186093	877	2192	1352		
190.0363	11:43	11:43	0	1.001	1073149	372502	373	932	999	3.18(2.66-3.60)	
PCB-2											
188.0393	13:42	13:42	0	0.989	3087925	851819	877	2192	971		
190.0363	13:42	13:42	0	0.989	953048	260090	373	932	697	3.24(2.66-3.60)	
PCB-3											
188.0393	13:52	13:52	0	1.001	3113446	776381	877	2192	885		
190.0363	13:52	13:52	0	1.001	981267	244765	373	932	656	3.17(2.66-3.60)	
PCB-4L											
234.0406	14:06	14:06	0	0.877	1990679	547659	131	327	4181		
236.0376	14:06	14:06	0	0.877	1271307	351661	66	165	5328	1.57(1.33-1.79)	
PCB-9L											
234.0406	16:04	16:04	0		3070198	734129	131	327	5604		
236.0376	16:04	16:04	0		1930592	466659	66	165	7071	1.59(1.33-1.79)	
PCB-8L											
234.0406	16:55	16:55	0	1.199	1489993	330096	131	327	2520		
236.0376	16:55	16:55	0	1.199	933142	204503	66	165	3099	1.60(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-15L											
234.0406	19:59	19:59	0	1.244	3300234	581870	131	327	4442		
236.0376	19:59	19:59	0	1.244	2049119	365466	66	165	5537	1.61(1.33-1.79)	
PCB-4											
222.0003	14:07	14:07	0	1.001	1202653	347326	156	390	2226		
223.9974	14:07	14:07	0	1.001	752390	211619	203	507	1042	1.60(1.33-1.79)	
PCB-10											
222.0003	14:17	14:17	0	1.013	1581308	422000	156	390	2705		
223.9974	14:17	14:17	0	1.013	1019626	268606	203	507	1323	1.55(1.33-1.79)	
PCB-9											
222.0003	16:05	16:05	0	1.141	1737622	433801	156	390	2781		
223.9974	16:05	16:05	0	1.141	1118851	278500	203	507	1372	1.55(1.33-1.79)	
PCB-7											
222.0003	16:15	16:15	0	1.152	1659291	378490	156	390	2426		
223.9974	16:15	16:15	0	1.152	1040758	238866	203	507	1177	1.59(1.33-1.79)	
PCB-6											
222.0003	16:30	16:30	0	1.170	1935292	441800	156	390	2832		
223.9974	16:30	16:30	0	1.170	1204372	270811	203	507	1334	1.61(1.33-1.79)	
PCB-5											
222.0003	16:48	16:48	0	1.191	1526021	366403	156	390	2349		
223.9974	16:48	16:48	0	1.191	967072	230635	203	507	1136	1.58(1.33-1.79)	
PCB-8											
222.0003	16:56	16:56	0	1.200	2102594	450095	156	390	2885		
223.9974	16:56	16:56	0	1.200	1359280	293935	203	507	1448	1.55(1.33-1.79)	
PCB-14											
222.0003	18:33	18:33	0	0.928	1654657	327893	156	390	2102		
223.9974	18:33	18:33	0	0.928	1064887	217058	203	507	1069	1.55(1.33-1.79)	
PCB-11											
222.0003	19:23	19:23	0	0.970	1830021	331416	156	390	2124		
223.9974	19:23	19:23	0	0.970	1160137	214652	203	507	1057	1.58(1.33-1.79)	
PCB-12											
222.0003	19:43	19:43	0	0.986	3343351	473720	156	390	3037		
223.9974	19:42	19:43	-1	0.986	2129581	298536	203	507	1471	1.57(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:43	19:43	0	0.986	3343351	473720	156	390	3037		
223.9974	19:42	19:43	-1	0.986	2129581	298536	203	507	1471	1.57(1.33-1.79)	
PCB-15											
222.0003	20:00	20:00	0	1.001	1993119	316402	156	390	2028		
223.9974	20:01	20:00	1	1.001	1231103	198588	203	507	978	1.62(1.33-1.79)	
PCB-19L											
268.0016	17:12	17:12	0	0.841	1151274	271600	1837	4592	148		
269.9986	17:12	17:12	0	0.841	1107765	254127	236	590	1077	1.04(0.88-1.20)	
PCB-32L											
268.0016	20:27	20:27	0		1857869	385490	1837	4592	210		
269.9986	20:27	20:27	0		1729490	353994	236	590	1500	1.07(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31L											
268.0016	22:43	22:43	0		4230007	838137	450	1125	1863		
269.9986	22:43	22:43	0		3962779	788979	269	672	2933	1.07(0.88-1.20)	
PCB-28L											
268.0016	23:01	23:01	0	1.013	2056118	390377	450	1125	868		
269.9986	23:01	23:01	0	1.013	1970862	366316	269	672	1362	1.04(0.88-1.20)	
PCB-37L											
268.0016	27:02	27:02	0	1.190	3708097	580442	450	1125	1290		
269.9986	27:02	27:02	0	1.190	3467548	546759	269	672	2033	1.07(0.88-1.20)	
PCB-19											
255.9613	17:13	17:13	0	1.001	774105	172083	58	145	2967		
257.9584	17:13	17:13	0	1.001	726758	167168	66	165	2533	1.07(0.88-1.20)	
PCB-18											
255.9613	19:03	19:03	0	1.108	2083846	369371	58	145	6368		
257.9584	19:03	19:03	0	1.108	1936826	340289	66	165	5156	1.08(0.88-1.20)	
PCB-30 (C18)											
255.9613	19:03	19:03	0	1.108	2083846	369371	58	145	6368		
257.9584	19:03	19:03	0	1.108	1936826	340289	66	165	5156	1.08(0.88-1.20)	
PCB-17											
255.9613	19:30	19:30	0	1.134	700775	149288	58	145	2574		
257.9584	19:30	19:30	0	1.134	662387	138807	66	165	2103	1.06(0.88-1.20)	
PCB-27											
255.9613	19:43	19:43	0	1.146	955813	213055	58	145	3673		
257.9584	19:43	19:43	0	1.146	905101	201098	66	165	3047	1.06(0.88-1.20)	
PCB-24											
255.9613	19:51	19:51	0	1.154	1050656	219344	58	145	3782		
257.9584	19:51	19:51	0	1.154	965018	203857	66	165	3089	1.09(0.88-1.20)	
PCB-16											
255.9613	19:58	19:58	0	1.160	757579	144200	58	145	2486		
257.9584	19:58	19:58	0	1.160	714052	138951	66	165	2105	1.06(0.88-1.20)	
PCB-32											
255.9613	20:29	20:29	0	1.190	1153849	235340	58	145	4058		
257.9584	20:29	20:29	0	1.190	1076935	219423	66	165	3325	1.07(0.88-1.20)	
PCB-34											
255.9613	21:44	21:44	0	1.264	1896135	407527	1216	3040	335		
257.9584	21:44	21:44	0	1.264	1806511	386412	1109	2772	348	1.05(0.88-1.20)	
PCB-23											
255.9613	21:53	21:53	0	1.273	2104507	430455	1216	3040	354		
257.9584	21:53	21:53	0	1.273	1979292	402947	1109	2772	363	1.06(0.88-1.20)	
PCB-26											
255.9613	22:13	22:13	0	1.291	4018809	726354	1216	3040	597		
257.9584	22:13	22:13	0	1.291	3793854	677391	1109	2772	611	1.06(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:13	22:13	0	1.291	4018809	726354	1216	3040	597		
257.9584	22:13	22:13	0	1.291	3793854	677391	1109	2772	611	1.06(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											
255.9613	22:26	22:26	0	0.830	2540147	455736	1216	3040	375		
257.9584	22:26	22:26	0	0.830	2410508	437495	1109	2772	394	1.05(0.88-1.20)	
PCB-31											
255.9613	22:44	22:44	0	0.841	2364945	457925	1216	3040	377		
257.9584	22:45	22:44	1	0.842	2257419	432794	1109	2772	390	1.05(0.88-1.20)	
PCB-20											
255.9613	23:03	23:03	0	0.853	4128823	705424	1216	3040	580		
257.9584	23:03	23:03	0	0.853	3937650	670137	1109	2772	604	1.05(0.88-1.20)	
PCB-28 (C20)											
255.9613	23:03	23:03	0	0.853	4128823	705424	1216	3040	580		
257.9584	23:03	23:03	0	0.853	3937650	670137	1109	2772	604	1.05(0.88-1.20)	
PCB-21											M
255.9613	23:13	23:13	0	0.859	4321089	477747	1216	3040	393		
257.9584	23:15	23:13	2	0.860	4111280	450955	1109	2772	407	1.05(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:13	23:13	0	0.859	4321089	477747	1216	3040	393		
257.9584	23:15	23:13	2	0.860	4111280	450955	1109	2772	407	1.05(0.88-1.20)	M
PCB-22											
255.9613	23:40	23:40	0	0.876	2280544	406585	1216	3040	334		
257.9584	23:40	23:40	0	0.876	2160196	401123	1109	2772	362	1.06(0.88-1.20)	
PCB-36											
255.9613	25:14	25:14	0	0.933	2413001	412422	1216	3040	339		
257.9584	25:14	25:14	0	0.933	2302596	387452	1109	2772	349	1.05(0.88-1.20)	
PCB-39											
255.9613	25:36	25:36	0	0.947	2137348	365880	1216	3040	301		
257.9584	25:36	25:36	0	0.947	2006173	337972	1109	2772	305	1.07(0.88-1.20)	
PCB-38											
255.9613	26:10	26:10	0	0.968	2279035	373934	1216	3040	308		
257.9584	26:10	26:10	0	0.968	2196954	363569	1109	2772	328	1.04(0.88-1.20)	
PCB-35											
255.9613	26:39	26:39	0	0.986	2125878	337308	1216	3040	277		
257.9584	26:39	26:39	0	0.986	2031698	328293	1109	2772	296	1.05(0.88-1.20)	
PCB-37											
255.9613	27:02	27:02	0	1.000	2096605	331855	1216	3040	273		
257.9584	27:02	27:02	0	1.000	2022924	314820	1109	2772	284	1.04(0.88-1.20)	
PCB-54L											
301.9626	20:17	20:17	0	0.816	1210819	260111	36	90	7225		
303.9597	20:17	20:17	0	0.816	1503696	318515	11	27	28956	0.81(0.65-0.89)	
PCB-52L											
301.9626	24:51	24:51	0		1873336	365903	429	1072	853		
303.9597	24:51	24:51	0		2399488	463577	1037	2592	447	0.78(0.65-0.89)	
PCB-79L											
301.9626	32:46	32:46	0	0.970	1211421	203811	429	1072	475		
303.9597	32:46	32:46	0	0.970	1505188	253621	1037	2592	245	0.80(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-81L											
301.9626	33:46	33:46	0	1.359	2434346	398812	429	1072	930		
303.9597	33:46	33:46	0	1.359	3078546	504758	1037	2592	487	0.79(0.65-0.89)	
PCB-77L											
301.9626	34:20	34:20	0	1.382	2658412	417044	429	1072	972		
303.9597	34:20	34:20	0	1.382	3335242	519230	1037	2592	501	0.80(0.65-0.89)	
PCB-54											
289.9224	20:18	20:18	0	1.000	667146	142527	17	42	8384		
291.9194	20:18	20:18	0	1.000	886712	187152	33	82	5671	0.75(0.65-0.89)	
PCB-50											
289.9224	22:29	22:29	0	1.109	2058325	379895	52	130	7306		
291.9194	22:29	22:29	0	1.109	2624456	491238	56	140	8772	0.78(0.65-0.89)	
PCB-53 (C50)											
289.9224	22:29	22:29	0	1.109	2058325	379895	52	130	7306		
291.9194	22:29	22:29	0	1.109	2624456	491238	56	140	8772	0.78(0.65-0.89)	
PCB-45											
289.9224	23:12	23:12	0	1.144	1882225	225410	52	130	4335		
291.9194	23:12	23:12	0	1.144	2413159	284568	56	140	5082	0.78(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:12	23:12	0	1.144	1882225	225410	52	130	4335		
291.9194	23:12	23:12	0	1.144	2413159	284568	56	140	5082	0.78(0.65-0.89)	
PCB-46											
289.9224	23:27	23:27	0	1.156	827786	156820	52	130	3016		
291.9194	23:27	23:27	0	1.156	1087042	201013	56	140	3590	0.76(0.65-0.89)	
PCB-52											
289.9224	24:52	24:52	0	1.226	1045846	219118	52	130	4214		
291.9194	24:52	24:52	0	1.226	1328296	275336	56	140	4917	0.79(0.65-0.89)	
PCB-43											
289.9224	25:01	25:01	0	1.233	2440845	277931	52	130	5345		
291.9194	25:01	25:01	0	1.233	3056846	345355	56	140	6167	0.80(0.65-0.89)	
PCB-73 (C43)											
289.9224	25:01	25:01	0	1.233	2440845	277931	52	130	5345		
291.9194	25:01	25:01	0	1.233	3056846	345355	56	140	6167	0.80(0.65-0.89)	
PCB-49											
289.9224	25:19	25:19	0	1.248	2431040	329567	52	130	6338		
291.9194	25:19	25:19	0	1.248	3074618	415895	56	140	7427	0.79(0.65-0.89)	
PCB-69 (C49)											
289.9224	25:19	25:19	0	1.248	2431040	329567	52	130	6338		
291.9194	25:19	25:19	0	1.248	3074618	415895	56	140	7427	0.79(0.65-0.89)	
PCB-48											
289.9224	25:38	25:38	0	1.264	1020954	201141	52	130	3868		
291.9194	25:38	25:38	0	1.264	1328419	250176	56	140	4467	0.77(0.65-0.89)	
PCB-44											
289.9224	25:53	25:53	0	1.276	3521440	575989	52	130	11077		
291.9194	25:53	25:53	0	1.276	4443636	728558	56	140	13010	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-47 (C44)											
289.9224	25:53	25:53	0	1.276	3521440	575989	52	130	11077		
291.9194	25:53	25:53	0	1.276	4443636	728558	56	140	13010	0.79(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:53	25:53	0	1.276	3521440	575989	52	130	11077		
291.9194	25:53	25:53	0	1.276	4443636	728558	56	140	13010	0.79(0.65-0.89)	
PCB-59											
289.9224	26:11	26:11	0	1.291	4237701	586360	52	130	11276		
291.9194	26:12	26:11	1	1.292	5386856	754197	56	140	13468	0.79(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:11	26:11	0	1.291	4237701	586360	52	130	11276		
291.9194	26:12	26:11	1	1.292	5386856	754197	56	140	13468	0.79(0.65-0.89)	
PCB-75 (C59)											
289.9224	26:11	26:11	0	1.291	4237701	586360	52	130	11276		
291.9194	26:12	26:11	1	1.292	5386856	754197	56	140	13468	0.79(0.65-0.89)	
PCB-42											
289.9224	26:23	26:23	0	1.301	1067185	185700	52	130	3571		
291.9194	26:23	26:23	0	1.301	1321820	233192	56	140	4164	0.81(0.65-0.89)	
PCB-40											
289.9224	26:52	26:52	0	1.325	3260481	442164	52	130	8503		
291.9194	26:53	26:52	1	1.326	4134144	564575	56	140	10082	0.79(0.65-0.89)	
PCB-41 (C40)											
289.9224	26:52	26:52	0	1.325	3260481	442164	52	130	8503		
291.9194	26:53	26:52	1	1.326	4134144	564575	56	140	10082	0.79(0.65-0.89)	
PCB-71 (C40)											
289.9224	26:52	26:52	0	1.325	3260481	442164	52	130	8503		
291.9194	26:53	26:52	1	1.326	4134144	564575	56	140	10082	0.79(0.65-0.89)	
PCB-64											
289.9224	27:06	27:06	0	1.336	1490428	269725	52	130	5187		
291.9194	27:06	27:06	0	1.336	1900292	341622	56	140	6100	0.78(0.65-0.89)	
PCB-72											
289.9224	27:56	27:56	0	0.827	1551556	298795	52	130	5746		
291.9194	27:56	27:56	0	0.827	1916083	365083	56	140	6519	0.81(0.65-0.89)	
PCB-68											
289.9224	28:13	28:13	0	0.836	1411828	258057	52	130	4963		
291.9194	28:13	28:13	0	0.836	1983056	338684	56	140	6048	0.71(0.65-0.89)	
PCB-57											
289.9224	28:38	28:38	0	0.848	1444636	269153	52	130	5176		
291.9194	28:38	28:38	0	0.848	1844701	339913	56	140	6070	0.78(0.65-0.89)	
PCB-58											
289.9224	28:53	28:53	0	0.855	1599284	291951	52	130	5614		
291.9194	28:53	28:53	0	0.855	2056257	381281	56	140	6809	0.78(0.65-0.89)	
PCB-67											
289.9224	29:03	29:03	0	0.860	1772644	291342	52	130	5603		
291.9194	29:03	29:03	0	0.860	2265042	369672	56	140	6601	0.78(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-63											
289.9224	29:19	29:19	0	0.868	1376227	240644	52	130	4628		
291.9194	29:19	29:19	0	0.868	1721421	307278	56	140	5487	0.80(0.65-0.89)	
PCB-61											
289.9224	29:39	29:39	0	0.878	6084397	594491	52	130	11433		
291.9194	29:39	29:39	0	0.878	7715568	752014	56	140	13429	0.79(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:39	29:39	0	0.878	6084397	594491	52	130	11433		
291.9194	29:39	29:39	0	0.878	7715568	752014	56	140	13429	0.79(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:39	29:39	0	0.878	6084397	594491	52	130	11433		
291.9194	29:39	29:39	0	0.878	7715568	752014	56	140	13429	0.79(0.65-0.89)	
PCB-76 (C61)											
289.9224	29:39	29:39	0	0.878	6084397	594491	52	130	11433		
291.9194	29:39	29:39	0	0.878	7715568	752014	56	140	13429	0.79(0.65-0.89)	
PCB-66											
289.9224	29:58	29:58	0	0.888	1536396	274159	52	130	5272		
291.9194	29:58	29:58	0	0.888	2022426	348350	56	140	6221	0.76(0.65-0.89)	
PCB-55											
289.9224	30:08	30:08	0	0.892	1679228	288235	52	130	5543		
291.9194	30:08	30:08	0	0.892	2114676	378134	56	140	6752	0.79(0.65-0.89)	
PCB-56											
289.9224	30:39	30:39	0	0.908	1540988	262917	52	130	5056		
291.9194	30:38	30:39	-1	0.907	1940095	345699	56	140	6173	0.79(0.65-0.89)	
PCB-60											
289.9224	30:51	30:51	0	0.914	1355864	230988	52	130	4442		
291.9194	30:51	30:51	0	0.914	1764324	292464	56	140	5223	0.77(0.65-0.89)	
PCB-80											
289.9224	31:16	31:16	0	0.926	1570669	279705	52	130	5379		
291.9194	31:16	31:16	0	0.926	1992799	345554	56	140	6171	0.79(0.65-0.89)	
PCB-79											
289.9224	32:48	32:48	0	0.971	1738792	273766	52	130	5265		
291.9194	32:48	32:48	0	0.971	2214793	346362	56	140	6185	0.79(0.65-0.89)	
PCB-78											
289.9224	33:21	33:21	0	0.988	1407149	232772	52	130	4476		
291.9194	33:21	33:21	0	0.988	1907436	295892	56	140	5284	0.74(0.65-0.89)	
PCB-81											
289.9224	33:47	33:47	0	1.001	1209723	191677	52	130	3686		
291.9194	33:47	33:47	0	1.001	1541235	250026	56	140	4465	0.78(0.65-0.89)	
PCB-77											
289.9224	34:21	34:21	0	1.001	1365826	215626	52	130	4147		
291.9194	34:21	34:21	0	1.001	1824270	268050	56	140	4787	0.75(0.65-0.89)	
PCB-104L											
337.9207	25:47	25:47	0	0.813	2473108	489711	111	277	4412		
339.9178	25:47	25:47	1	0.814	1554627	307788	3	7	102596	1.59(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-95L											
337.9207	28:45	28:45	0	1.116	863920	161739	111	277	1457		
339.9178	28:45	28:45	0	1.116	543907	103580	3	7	34527	1.59(1.32-1.78)	
PCB-101L											
337.9207	31:42	31:42	0		1997807	365039	111	277	3289		
339.9178	31:41	31:42	-1		1235470	225542	3	7	75181	1.62(1.32-1.78)	
PCB-111L											
337.9207	34:22	34:22	0	1.084	1303343	234189	111	277	2110		
339.9178	34:22	34:22	0	1.084	821455	146834	3	7	48945	1.59(1.32-1.78)	
PCB-123L											
337.9207	36:19	36:19	0	1.146	3530919	652973	1928	4820	339		
339.9178	36:19	36:19	0	1.146	2206957	408000	962	2405	424	1.60(1.32-1.78)	
PCB-118L											
337.9207	36:39	36:39	0	1.156	3682330	657973	1928	4820	341		
339.9178	36:39	36:39	0	1.156	2302810	399344	962	2405	415	1.60(1.32-1.78)	
PCB-114L											
337.9207	37:10	37:10	0	1.173	3551019	632232	1928	4820	328		
339.9178	37:10	37:10	0	1.173	2225158	399726	962	2405	416	1.60(1.32-1.78)	
PCB-105L											
337.9207	37:50	37:50	0	1.194	3468648	610703	1928	4820	317		
339.9178	37:49	37:50	-1	1.193	2195188	380719	962	2405	396	1.58(1.32-1.78)	
PCB-127L											
337.9207	39:18	39:18	0		3529565	621653	1928	4820	322		
339.9178	39:18	39:18	0		2252734	398108	962	2405	414	1.57(1.32-1.78)	
PCB-126L											
337.9207	40:54	40:54	0	1.291	3384804	546681	1928	4820	284		
339.9178	40:54	40:54	0	1.291	2157908	353711	962	2405	368	1.57(1.32-1.78)	
PCB-104											
325.8804	25:48	25:48	0	1.001	1296522	256045	132	330	1940		
327.8775	25:48	25:48	0	1.001	817576	164014	53	132	3095	1.59(1.32-1.78)	
PCB-96											
325.8804	26:11	26:11	0	1.016	1497032	285946	132	330	2166		
327.8775	26:11	26:11	0	1.016	934565	174571	53	132	3294	1.60(1.32-1.78)	
PCB-103											
325.8804	28:07	28:07	0	1.091	1038145	206677	132	330	1566		
327.8775	28:06	28:07	-1	1.090	662355	130170	53	132	2456	1.57(1.32-1.78)	
PCB-94											
325.8804	28:20	28:20	0	1.099	902453	171917	132	330	1302		
327.8775	28:20	28:20	0	1.099	574336	107461	53	132	2028	1.57(1.32-1.78)	
PCB-95											
325.8804	28:47	28:47	0	1.117	985153	187779	132	330	1423		
327.8775	28:47	28:47	0	1.117	605110	118801	53	132	2242	1.63(1.32-1.78)	
PCB-93											
325.8804	28:59	28:59	0	1.125	1806950	331996	132	330	2515		
327.8775	28:59	28:59	0	1.125	1222386	212884	53	132	4017	1.48(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-100 (C93)											
325.8804	28:59	28:59	0	1.125	1806950	331996	132	330	2515		
327.8775	28:59	28:59	0	1.125	1222386	212884	53	132	4017	1.48(1.32-1.78)	
PCB-98											M
325.8804	29:08	29:08	0	1.130	2350679	257241	132	330	1949		M
327.8775	29:08	29:08	0	1.130	1453037	165160	53	132	3116	1.62(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:08	29:08	0	1.130	2350679	257241	132	330	1949		M
327.8775	29:08	29:08	0	1.130	1453037	165160	53	132	3116	1.62(1.32-1.78)	M
PCB-88											
325.8804	29:38	29:38	0	1.150	1962381	192967	132	330	1462		
327.8775	29:38	29:38	0	1.150	1229623	124923	53	132	2357	1.60(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:38	29:38	0	1.150	1962381	192967	132	330	1462		
327.8775	29:38	29:38	0	1.150	1229623	124923	53	132	2357	1.60(1.32-1.78)	
PCB-84											
325.8804	29:51	29:51	0	1.158	885635	155656	132	330	1179		
327.8775	29:51	29:51	0	1.158	568565	102547	53	132	1935	1.56(1.32-1.78)	
PCB-89											
325.8804	30:20	30:20	0	1.177	1069727	192833	132	330	1461		
327.8775	30:20	30:20	-1	1.177	672804	124846	53	132	2356	1.59(1.32-1.78)	
PCB-121											
325.8804	30:45	30:45	0	1.193	1555822	290077	132	330	2198		
327.8775	30:45	30:45	0	1.193	998879	190182	53	132	3588	1.56(1.32-1.78)	
PCB-92											
325.8804	31:08	31:08	0	0.857	966733	177534	132	330	1345		
327.8775	31:07	31:08	-1	0.857	623692	112108	53	132	2115	1.55(1.32-1.78)	
PCB-90											
325.8804	31:41	31:41	0	1.229	3444897	466134	132	330	3531		
327.8775	31:42	31:41	1	1.230	2202166	303479	53	132	5726	1.56(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:41	31:41	0	1.229	3444897	466134	132	330	3531		
327.8775	31:42	31:41	1	1.230	2202166	303479	53	132	5726	1.56(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:41	31:41	0	1.229	3444897	466134	132	330	3531		
327.8775	31:42	31:41	1	1.230	2202166	303479	53	132	5726	1.56(1.32-1.78)	
PCB-83											
325.8804	32:17	32:17	0	1.253	2114893	245735	132	330	1862		
327.8775	32:17	32:17	0	1.253	1360773	158909	53	132	2998	1.55(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:17	32:17	0	1.253	2114893	245735	132	330	1862		
327.8775	32:17	32:17	0	1.253	1360773	158909	53	132	2998	1.55(1.32-1.78)	
PCB-112											
325.8804	32:25	32:25	0	1.257	1663342	298565	132	330	2262		
327.8775	32:24	32:25	-1	1.257	1027286	183276	53	132	3458	1.62(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-86											M
325.8804	32:46	32:46	0	1.271	7426839	776070	132	330	5879		M
327.8775	32:46	32:46	0	1.271	4694976	492966	53	132	9301	1.58(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:46	32:46	0	1.271	7426839	776070	132	330	5879		M
327.8775	32:46	32:46	0	1.271	4694976	492966	53	132	9301	1.58(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:46	32:46	0	1.271	7426839	776070	132	330	5879		M
327.8775	32:46	32:46	0	1.271	4694976	492966	53	132	9301	1.58(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:46	32:46	0	1.271	7426839	776070	132	330	5879		M
327.8775	32:46	32:46	0	1.271	4694976	492966	53	132	9301	1.58(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:46	32:46	0	1.271	7426839	776070	132	330	5879		M
327.8775	32:46	32:46	0	1.271	4694976	492966	53	132	9301	1.58(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:46	32:46	0	1.271	7426839	776070	132	330	5879		M
327.8775	32:46	32:46	0	1.271	4694976	492966	53	132	9301	1.58(1.32-1.78)	M
PCB-85											
325.8804	33:30	33:30	0	1.300	3619974	431954	132	330	3272		
327.8775	33:30	33:30	0	1.300	2307627	279813	53	132	5279	1.57(1.32-1.78)	
PCB-116 (C85)											
325.8804	33:30	33:30	0	1.300	3619974	431954	132	330	3272		
327.8775	33:30	33:30	0	1.300	2307627	279813	53	132	5279	1.57(1.32-1.78)	
PCB-117 (C85)											
325.8804	33:30	33:30	0	1.300	3619974	431954	132	330	3272		
327.8775	33:30	33:30	0	1.300	2307627	279813	53	132	5279	1.57(1.32-1.78)	
PCB-110											
325.8804	33:44	33:44	0	1.309	3218452	363006	132	330	2750		
327.8775	33:44	33:44	0	1.309	2038644	231376	53	132	4366	1.58(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:44	33:44	0	1.309	3218452	363006	132	330	2750		
327.8775	33:44	33:44	0	1.309	2038644	231376	53	132	4366	1.58(1.32-1.78)	
PCB-82											
325.8804	34:00	34:00	0	1.319	1068318	180149	132	330	1365		
327.8775	34:00	34:00	0	1.319	672447	109585	53	132	2068	1.59(1.32-1.78)	
PCB-111											
325.8804	34:23	34:23	0	1.334	1492386	270992	132	330	2053		
327.8775	34:23	34:23	0	1.334	935805	168900	53	132	3187	1.59(1.32-1.78)	
PCB-120											
325.8804	34:51	34:51	0	1.352	1950635	348352	132	330	2639		
327.8775	34:51	34:51	0	1.352	1199625	217636	53	132	4106	1.63(1.32-1.78)	
PCB-108											
325.8804	35:59	35:59	0	1.396	4063749	732439	1185	2962	618		
327.8775	35:59	35:59	0	1.396	2580540	451600	872	2180	518	1.57(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-124 (C108)											
325.8804	35:59	35:59	0	1.396	4063749	732439	1185	2962	618		
327.8775	35:59	35:59	0	1.396	2580540	451600	872	2180	518	1.57(1.32-1.78)	
PCB-107											
325.8804	36:14	36:14	0	1.406	2262933	384488	1185	2962	324		
327.8775	36:14	36:14	0	1.406	1387890	234125	872	2180	268	1.63(1.32-1.78)	
PCB-123											
325.8804	36:21	36:21	0	1.001	1756884	356498	1185	2962	301		
327.8775	36:21	36:21	0	1.001	1097364	221034	872	2180	253	1.60(1.32-1.78)	
PCB-106											
325.8804	36:28	36:28	0	1.004	2219700	396713	1185	2962	335		
327.8775	36:28	36:28	0	1.004	1386751	249115	872	2180	286	1.60(1.32-1.78)	
PCB-118											
325.8804	36:40	36:40	0	1.001	2053658	340807	1185	2962	288		
327.8775	36:40	36:40	0	1.001	1289858	219811	872	2180	252	1.59(1.32-1.78)	
PCB-122											
325.8804	37:01	37:01	0	1.010	1650821	304804	1185	2962	257		
327.8775	37:01	37:01	0	1.010	1025418	191340	872	2180	219	1.61(1.32-1.78)	
PCB-114											
325.8804	37:12	37:12	0	1.001	1990921	333810	1185	2962	282		
327.8775	37:12	37:12	0	1.001	1247822	206352	872	2180	237	1.60(1.32-1.78)	
PCB-105											
325.8804	37:51	37:51	0	1.000	1935954	315467	1185	2962	266		
327.8775	37:51	37:51	0	1.000	1223775	200469	872	2180	230	1.58(1.32-1.78)	
PCB-127											
325.8804	39:20	39:20	0	1.040	2123779	354403	1185	2962	299		
327.8775	39:20	39:20	0	1.040	1355673	228611	872	2180	262	1.57(1.32-1.78)	
PCB-126											
325.8804	40:56	40:56	0	1.001	2100575	328595	1185	2962	277		
327.8775	40:56	40:56	0	1.001	1325687	208826	872	2180	239	1.58(1.32-1.78)	
PCB-155L											
371.8817	31:27	31:27	0	0.791	2223999	424300	42	105	10102		
373.8788	31:26	31:27	-1	0.791	1729983	331212	31	77	10684	1.29(1.05-1.43)	
PCB-153L											
371.8817	38:32	38:32	0	0.901	1145765	222351	511	1277	435		
373.8788	38:31	38:32	-1	0.900	924567	175786	527	1317	334	1.24(1.05-1.43)	
PCB-138L											
371.8817	39:46	39:46	0		2354897	426767	511	1277	835		
373.8788	39:46	39:46	0		1859724	337402	527	1317	640	1.27(1.05-1.43)	
PCB-167L											
371.8817	42:46	42:46	0	1.076	2929964	533732	511	1277	1044		
373.8788	42:46	42:46	0	1.076	2299701	411524	527	1317	781	1.27(1.05-1.43)	
PCB-156L											
371.8817	43:56	43:56	0	1.105	5842185	770107	511	1277	1507		
373.8788	43:56	43:56	0	1.105	4581660	597812	527	1317	1134	1.28(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-157L (C156L)											
371.8817	43:56	43:56	0	1.105	5842185	770107	511	1277	1507		
373.8788	43:56	43:56	0	1.105	4581660	597812	527	1317	1134	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:10	47:10	0	1.186	2912011	460123	511	1277	900		
373.8788	47:10	47:10	0	1.186	2310156	370832	527	1317	704	1.26(1.05-1.43)	
PCB-155											
359.8415	31:29	31:29	0	1.001	983414	189640	51	127	3718		
361.8385	31:28	31:29	-1	1.000	781561	156301	15	37	10420	1.26(1.05-1.43)	
PCB-152											
359.8415	31:40	31:40	0	1.007	1189139	230729	51	127	4524		
361.8385	31:40	31:40	0	1.007	952360	177400	15	37	11827	1.25(1.05-1.43)	
PCB-150											
359.8415	31:50	31:50	0	1.012	1069107	194843	51	127	3820		
361.8385	31:50	31:50	0	1.012	879843	160851	15	37	10723	1.22(1.05-1.43)	
PCB-136											
359.8415	32:12	32:12	0	1.024	993173	178565	51	127	3501		
361.8385	32:12	32:12	0	1.024	792238	143948	15	37	9597	1.25(1.05-1.43)	
PCB-145											
359.8415	32:30	32:30	0	1.033	1161107	214074	51	127	4198		
361.8385	32:30	32:30	0	1.033	889959	169107	15	37	11274	1.30(1.05-1.43)	
PCB-148											
359.8415	34:00	34:00	0	1.081	784799	148303	51	127	2908		
361.8385	34:00	34:00	0	1.081	631159	118887	15	37	7926	1.24(1.05-1.43)	
PCB-135											
359.8415	34:39	34:39	0	1.102	1629811	186850	51	127	3664		
361.8385	34:39	34:39	0	1.102	1294443	146350	15	37	9757	1.26(1.05-1.43)	
PCB-151 (C135)											
359.8415	34:39	34:39	0	1.102	1629811	186850	51	127	3664		
361.8385	34:39	34:39	0	1.102	1294443	146350	15	37	9757	1.26(1.05-1.43)	
PCB-154											
359.8415	34:51	34:51	0	1.108	931719	164568	51	127	3227		
361.8385	34:52	34:51	1	1.109	748021	137870	15	37	9191	1.25(1.05-1.43)	
PCB-144											
359.8415	35:10	35:10	0	1.118	838076	151244	51	127	2966		
361.8385	35:10	35:10	0	1.118	684979	126095	15	37	8406	1.22(1.05-1.43)	
PCB-147											
359.8415	35:32	35:32	0	1.130	2552160	463132	739	1847	627		
361.8385	35:32	35:32	0	1.130	2067717	389445	378	945	1030	1.23(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:32	35:32	0	1.130	2552160	463132	739	1847	627		
361.8385	35:32	35:32	0	1.130	2067717	389445	378	945	1030	1.23(1.05-1.43)	
PCB-134											
359.8415	35:49	35:49	0	1.139	2089583	220667	739	1847	299		
361.8385	35:50	35:49	1	1.139	1642997	166539	378	945	441	1.27(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-143 (C134)											
359.8415	35:49	35:49	0	1.139	2089583	220667	739	1847	299		
361.8385	35:50	35:49	1	1.139	1642997	166539	378	945	441	1.27(1.05-1.43)	
PCB-139											
359.8415	36:07	36:07	0	1.149	2508911	428977	739	1847	580		
361.8385	36:07	36:07	0	1.149	2059589	345605	378	945	914	1.22(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:07	36:07	0	1.149	2508911	428977	739	1847	580		
361.8385	36:07	36:07	0	1.149	2059589	345605	378	945	914	1.22(1.05-1.43)	
PCB-131											
359.8415	36:19	36:19	0	1.155	1007358	180129	739	1847	244		
361.8385	36:20	36:19	1	1.155	821041	153580	378	945	406	1.23(1.05-1.43)	
PCB-142											
359.8415	36:29	36:29	0	1.160	1011622	183919	739	1847	249		
361.8385	36:29	36:29	0	1.160	842410	147387	378	945	390	1.20(1.05-1.43)	
PCB-132											
359.8415	36:47	36:47	0	1.170	1042883	186346	739	1847	252		
361.8385	36:47	36:47	-1	1.169	872233	157911	378	945	418	1.20(1.05-1.43)	
PCB-133											
359.8415	37:17	37:17	0	1.186	1123929	210870	739	1847	285		
361.8385	37:17	37:17	0	1.186	934311	171606	378	945	454	1.20(1.05-1.43)	
PCB-165											
359.8415	37:41	37:41	0	0.881	1356452	253934	739	1847	344		
361.8385	37:41	37:41	0	0.881	1102717	197599	378	945	523	1.23(1.05-1.43)	
PCB-146											
359.8415	37:56	37:56	0	0.887	1322338	248336	739	1847	336		
361.8385	37:56	37:56	0	0.887	989938	195882	378	945	518	1.34(1.05-1.43)	
PCB-161											
359.8415	38:04	38:04	0	0.890	1617597	304529	739	1847	412		
361.8385	38:04	38:04	0	0.890	1364998	244212	378	945	646	1.19(1.05-1.43)	
PCB-153											
359.8415	38:34	38:34	0	0.902	2970367	421796	739	1847	571		
361.8385	38:34	38:34	0	0.902	2396869	348180	378	945	921	1.24(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:34	38:34	0	0.902	2970367	421796	739	1847	571		
361.8385	38:34	38:34	0	0.902	2396869	348180	378	945	921	1.24(1.05-1.43)	
PCB-141											
359.8415	38:44	38:44	0	0.906	1170379	202786	739	1847	274		
361.8385	38:44	38:44	0	0.906	935475	161631	378	945	428	1.25(1.05-1.43)	
PCB-130											
359.8415	39:09	39:09	0	0.916	905368	169234	739	1847	229		
361.8385	39:09	39:09	0	0.916	749018	138562	378	945	367	1.21(1.05-1.43)	
PCB-137											
359.8415	39:22	39:22	0	0.920	1053958	205092	739	1847	278		
361.8385	39:22	39:22	0	0.920	841474	164121	378	945	434	1.25(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-164											
359.8415	39:29	39:29	0	0.923	1627342	285527	739	1847	386		
361.8385	39:30	39:29	1	0.923	1294649	234147	378	945	619	1.26(1.05-1.43)	
PCB-129											M
359.8415	39:48	39:48	0	0.931	5047791	561474	739	1847	760		M
361.8385	39:48	39:48	0	0.931	4118373	451419	378	945	1194	1.23(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:48	39:48	0	0.931	5047791	561474	739	1847	760		M
361.8385	39:48	39:48	0	0.931	4118373	451419	378	945	1194	1.23(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:48	39:48	0	0.931	5047791	561474	739	1847	760		M
361.8385	39:48	39:48	0	0.931	4118373	451419	378	945	1194	1.23(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:48	39:48	0	0.931	5047791	561474	739	1847	760		M
361.8385	39:48	39:48	0	0.931	4118373	451419	378	945	1194	1.23(1.05-1.43)	M
PCB-158											
359.8415	40:11	40:11	0	0.939	1588502	275540	739	1847	373		
361.8385	40:11	40:11	0	0.939	1296373	219939	378	945	582	1.23(1.05-1.43)	
PCB-128											
359.8415	41:01	41:01	0	0.959	2731195	438286	739	1847	593		
361.8385	41:01	41:01	0	0.959	2242268	348304	378	945	921	1.22(1.05-1.43)	
PCB-166 (C128)											
359.8415	41:01	41:01	0	0.959	2731195	438286	739	1847	593		
361.8385	41:01	41:01	0	0.959	2242268	348304	378	945	921	1.22(1.05-1.43)	
PCB-159											
359.8415	42:02	42:02	0	0.983	1839021	342440	739	1847	463		
361.8385	42:02	42:02	0	0.983	1445818	262201	378	945	694	1.27(1.05-1.43)	
PCB-162											
359.8415	42:19	42:19	0	0.989	1614033	275729	739	1847	373		
361.8385	42:19	42:19	1	0.990	1325165	221322	378	945	586	1.22(1.05-1.43)	
PCB-167											
359.8415	42:47	42:47	0	1.000	1532289	276071	739	1847	374		
361.8385	42:48	42:47	1	1.001	1231167	217634	378	945	576	1.24(1.05-1.43)	
PCB-156											
359.8415	43:56	43:56	0	1.000	2952621	381542	739	1847	516		
361.8385	43:56	43:56	0	1.000	2339420	303044	378	945	802	1.26(1.05-1.43)	
PCB-157 (C156)											
359.8415	43:56	43:56	0	1.000	2952621	381542	739	1847	516		
361.8385	43:56	43:56	0	1.000	2339420	303044	378	945	802	1.26(1.05-1.43)	
PCB-169											
359.8415	47:11	47:11	0	1.001	1711676	256187	739	1847	347		
361.8385	47:11	47:11	0	1.001	1369138	210119	378	945	556	1.25(1.05-1.43)	
PCB-188L											
405.8428	37:10	37:10	0	0.820	2243369	416015	42	105	9905		
407.8398	37:10	37:10	0	0.820	2138719	395651	78	195	5072	1.05(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-178L											
405.8428	40:14	40:14	0	0.888	805314	154935	42	105	3689		
407.8398	40:13	40:14	-1	0.888	763073	138687	78	195	1778	1.06(0.89-1.21)	
PCB-180L											
405.8428	45:18	45:18	0		1774951	319061	42	105	7597		
407.8398	45:18	45:18	0		1638245	305544	78	195	3917	1.08(0.89-1.21)	
PCB-170L											
405.8428	46:34	46:34	0	1.028	1415919	247542	42	105	5894		
407.8398	46:34	46:34	0	1.028	1337581	233453	78	195	2993	1.06(0.89-1.21)	
PCB-189L											
405.8428	49:41	49:41	0	1.097	3187755	554312	1970	4925	281		
407.8398	49:41	49:41	0	1.097	3027432	531969	1407	3517	378	1.05(0.89-1.21)	
PCB-188											
393.8025	37:12	37:12	0	1.001	1198744	226758	3	7	75586		
395.7995	37:12	37:12	0	1.001	1167802	221244	47	117	4707	1.03(0.89-1.21)	
PCB-179											
393.8025	37:32	37:32	0	1.010	1311869	241426	3	7	80475		
395.7995	37:32	37:32	-1	1.010	1249352	228833	47	117	4869	1.05(0.89-1.21)	
PCB-184											
393.8025	38:03	38:03	0	1.024	1233282	232858	3	7	77619		
395.7995	38:03	38:03	0	1.024	1183137	228703	47	117	4866	1.04(0.89-1.21)	
PCB-176											
393.8025	38:25	38:25	0	1.034	1140876	209848	3	7	69949		
395.7995	38:24	38:25	-1	1.033	1086653	205212	47	117	4366	1.05(0.89-1.21)	
PCB-186											
393.8025	38:52	38:52	0	1.046	1399957	261230	3	7	87077		
395.7995	38:52	38:52	0	1.046	1313939	242637	47	117	5162	1.07(0.89-1.21)	
PCB-178											
393.8025	40:16	40:16	0	1.083	829079	155730	3	7	51910		
395.7995	40:15	40:16	-1	1.083	794613	144219	47	117	3068	1.04(0.89-1.21)	
PCB-175											
393.8025	40:53	40:53	0	1.100	858780	161863	3	7	53954		
395.7995	40:53	40:53	0	1.100	832766	157473	47	117	3350	1.03(0.89-1.21)	
PCB-187											
393.8025	41:09	41:09	0	1.107	1035425	194004	3	7	64668		
395.7995	41:09	41:09	0	1.107	982158	186304	47	117	3964	1.05(0.89-1.21)	
PCB-182											
393.8025	41:21	41:21	0	1.112	1031529	186614	3	7	62205		
395.7995	41:21	41:21	0	1.112	1012433	183272	47	117	3899	1.02(0.89-1.21)	
PCB-183											Ma
393.8025	41:45	41:45	0	1.123	1829195	188930	3	7	62977		M
395.7995	41:45	41:45	0	1.123	1717525	176287	47	117	3751	1.07(0.89-1.21)	
PCB-185 (C183)											Ma
393.8025	41:45	41:45	0	1.123	1829195	188930	3	7	62977		M
395.7995	41:45	41:45	0	1.123	1717525	176287	47	117	3751	1.07(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-174											
393.8025	42:00	42:00	0	1.130	922736	164579	3	7	54860		
395.7995	42:00	42:00	0	1.130	881746	164747	47	117	3505	1.05(0.89-1.21)	
PCB-177											
393.8025	42:26	42:26	0	1.141	927646	167768	3	7	55923		
395.7995	42:26	42:26	0	1.141	912352	158425	47	117	3371	1.02(0.89-1.21)	
PCB-181											
393.8025	42:49	42:49	0	1.152	945739	170795	3	7	56932		
395.7995	42:49	42:49	0	1.152	913655	163316	47	117	3475	1.04(0.89-1.21)	
PCB-171											
393.8025	43:03	43:03	0	1.158	1685280	279824	3	7	93275		
395.7995	43:03	43:03	0	1.158	1589910	254244	47	117	5409	1.06(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:03	43:03	0	1.158	1685280	279824	3	7	93275		
395.7995	43:03	43:03	0	1.158	1589910	254244	47	117	5409	1.06(0.89-1.21)	
PCB-172											
393.8025	44:41	44:41	0	0.900	860438	157254	3	7	52418		
395.7995	44:41	44:41	0	0.900	838735	150768	47	117	3208	1.03(0.89-1.21)	
PCB-192											
393.8025	44:58	44:58	0	0.905	1306549	244835	3	7	81612		
395.7995	44:58	44:58	0	0.905	1247248	229722	47	117	4888	1.05(0.89-1.21)	
PCB-180											
393.8025	45:18	45:18	0	0.912	2184135	284008	3	7	94669		
395.7995	45:18	45:18	0	0.912	2060350	268040	47	117	5703	1.06(0.89-1.21)	
PCB-193 (C180)											
393.8025	45:18	45:18	0	0.912	2184135	284008	3	7	94669		
395.7995	45:18	45:18	0	0.912	2060350	268040	47	117	5703	1.06(0.89-1.21)	
PCB-191											
393.8025	45:41	45:41	0	0.920	1182899	209156	3	7	69719		
395.7995	45:41	45:41	0	0.920	1111511	201104	47	117	4279	1.06(0.89-1.21)	
PCB-170											
393.8025	46:36	46:36	0	0.938	801466	144424	3	7	48141		
395.7995	46:35	46:36	-1	0.938	779665	134730	47	117	2867	1.03(0.89-1.21)	
PCB-190											
393.8025	47:06	47:06	0	0.948	1139473	207532	3	7	69177		
395.7995	47:06	47:06	0	0.948	1126082	201223	47	117	4281	1.01(0.89-1.21)	
PCB-189											
393.8025	49:42	49:42	0	1.001	1669856	286301	271	677	1056		
395.7995	49:42	49:42	0	1.001	1575142	266522	235	587	1134	1.06(0.89-1.21)	
PCB-202L											
439.8038	42:32	42:32	0	0.821	1688773	310242	50	125	6205		
441.8008	42:32	42:32	0	0.821	1863509	350393	78	195	4492	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:47	51:47	0		2011332	346248	1077	2692	321		
441.8008	51:47	51:47	0		2200966	395939	1116	2790	355	0.91(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-205L											
439.8038	52:16	52:16	0	1.009	2414871	414857	1077	2692	385		
441.8008	52:16	52:16	0	1.009	2647658	449922	1116	2790	403	0.91(0.76-1.02)	
PCB-202											
427.7635	42:34	42:34	0	1.001	811712	151143	81	202	1866		
429.7606	42:34	42:34	0	1.001	905597	166846	39	97	4278	0.90(0.76-1.02)	
PCB-201											
427.7635	43:29	43:29	0	1.022	772763	143656	81	202	1774		
429.7606	43:29	43:29	0	1.022	874075	161862	39	97	4150	0.88(0.76-1.02)	
PCB-204											
427.7635	44:09	44:09	0	1.038	922605	174327	81	202	2152		
429.7606	44:09	44:09	0	1.038	1007463	187159	39	97	4799	0.92(0.76-1.02)	
PCB-197											
427.7635	44:23	44:23	0	1.044	881037	164341	81	202	2029		
429.7606	44:23	44:23	0	1.044	992564	178995	39	97	4590	0.89(0.76-1.02)	
PCB-200											
427.7635	44:29	44:29	0	1.046	818842	158758	81	202	1960		
429.7606	44:29	44:29	0	1.046	901311	175074	39	97	4489	0.91(0.76-1.02)	
PCB-198											
427.7635	47:17	47:17	0	1.112	1373544	177853	81	202	2196		
429.7606	47:17	47:17	0	1.112	1515529	195453	39	97	5012	0.91(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:17	47:17	0	1.112	1373544	177853	81	202	2196		
429.7606	47:17	47:17	0	1.112	1515529	195453	39	97	5012	0.91(0.76-1.02)	
PCB-196											
427.7635	47:57	47:57	0	0.917	622850	110649	81	202	1366		
429.7606	47:57	47:57	0	0.917	686185	126599	39	97	3246	0.91(0.76-1.02)	
PCB-203											
427.7635	48:09	48:09	0	0.921	770835	139286	81	202	1720		
429.7606	48:09	48:09	0	0.921	864840	157665	39	97	4043	0.89(0.76-1.02)	
PCB-195											
427.7635	49:28	49:28	0	0.947	1006547	178088	181	452	984		
429.7606	49:28	49:28	-1	0.946	1148189	207773	281	702	739	0.88(0.76-1.02)	
PCB-194											
427.7635	51:49	51:49	0	0.991	1148030	204175	181	452	1128		
429.7606	51:49	51:49	0	0.991	1295432	230827	281	702	821	0.89(0.76-1.02)	
PCB-205											
427.7635	52:17	52:17	0	1.000	1337617	237826	181	452	1314		
429.7606	52:17	52:17	0	1.000	1503801	269693	281	702	960	0.89(0.76-1.02)	
PCB-208L											
473.7648	49:13	49:13	0	0.950	2037281	371615	1035	2587	359		
475.7619	49:13	49:13	0	0.950	2543206	461917	1394	3485	331	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:01	54:01	0	1.043	1454464	256982	1035	2587	248		
475.7619	54:01	54:01	0	1.043	1813473	319454	1394	3485	229	0.80(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-208											
461.7246	49:14	49:14	0	1.000	1015617	184765	821	2052	225		
463.7216	49:15	49:14	1	1.001	1292910	236021	1035	2587	228	0.79(0.65-0.89)	
PCB-207											
461.7246	50:10	50:10	0	1.019	1036671	189204	821	2052	230		
463.7216	50:10	50:10	0	1.019	1327990	237868	1035	2587	230	0.78(0.65-0.89)	
PCB-206											
461.7246	54:02	54:02	0	1.000	872868	153504	821	2052	187		
463.7216	54:02	54:02	0	1.000	1131646	197309	1035	2587	191	0.77(0.65-0.89)	
PCB-209L											
507.7258	55:39	55:39	0	1.075	1458349	234876	84	210	2796		
509.7229	55:39	55:39	0	1.075	2018768	338427	65	162	5207	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:41	55:41	0	1.000	726549	123508	65	162	1900		
497.6826	55:41	55:41	0	1.000	1020303	163345	76	190	2149	0.71(0.59-0.79)	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

61CV1668CS3_00016 Amount Added: 20.00 Units: uL

Report Date: 04-Jan-2024 13:55:32 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
CCV Relative RT Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Lims ID: WDMCCV
Client ID:
Sample Type: WDMCCV
Inject. Date: 04-Jan-2024 11:14:00 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031080-001
Operator ID: Xcalibur_System Instrument ID: D2D
Sublist: chrom-PCBs_D2D*sub2

Method: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 13:55:31 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1687

First Level Reviewer: F9EE Date: 04-Jan-2024 12:37:17

Start Cal Date: 08-Oct-2021 11:14:00
End Cal Date: 08-Oct-2021 16:58:00

Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-1L		11:46	11:42	-3	15	0.7284	0.7277	0.717 - 0.7472
PCB-3L		13:56	13:51	-4	15	0.8630	0.8618	0.849 - 0.8798
PCB-1	L	11:47	11:43	-4		1.0011	1.0011	0.995 - 1.0085
PCB-2		13:47	13:42	-4		0.9877	0.9886	0.985 - 0.9925
PCB-3	L	13:58	13:52	-5		1.0009	1.0009	0.998 - 1.0048
PCB-4L		14:12	14:06	-5	15	0.8793	0.8773	0.865 - 0.8956
PCB-9L		16:09	16:04	-4		1.0000	1.0000	0.987 - 1.0128
PCB-8L		16:59	16:55	-4		1.1966	*1.1995	1.192 - 1.1989
PCB-15L		20:05	19:59	-5	15	1.2439	1.2437	1.233 - 1.2530
PCB-4	L	14:12	14:07	-5		1.0009	1.0009	0.994 - 1.0058
PCB-10		14:22	14:17	-4		1.0121	1.0130	1.010 - 1.0168
PCB-9		16:09	16:05	-4		1.1382	1.1407	1.135 - 1.1415
PCB-7		16:19	16:15	-4		1.1493	1.1519	1.147 - 1.1538
PCB-6		16:34	16:30	-4		1.1670	1.1696	1.164 - 1.1706
PCB-5		16:53	16:48	-4		1.1892	1.1911	1.186 - 1.1926
PCB-8		17:00	16:56	-4		1.1976	1.2004	1.194 - 1.2008
PCB-14		18:36	18:33	-3		0.9266	0.9276	0.926 - 0.9305
PCB-11		19:28	19:23	-4		0.9692	0.9697	0.968 - 0.9725
PCB-12/13		19:45	19:43	-2		0.9836	0.9862	0.983 - 0.9875
PCB-15	L	20:05	20:00	-5		1.0007	1.0007	0.997 - 1.0050
PCB-19L		17:18	17:12	-5	15	0.8423	0.8412	0.831 - 0.8547
PCB-32L		20:32	20:27	-5		1.0000	1.0000	0.998 - 1.0024
PCB-31L		22:48	22:43	-4		1.0000	1.0000	0.998 - 1.0022
PCB-28L		23:06	23:01	-5		1.0129	1.0129	1.006 - 1.0201

Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-37L		27:08	27:02	-6	15	1.1899	1.1896	1.178 - 1.1995
PCB-19	L	17:19	17:13	-5		1.0008	1.0008	0.996 - 1.0058
PCB-18/30		19:06	19:03	-2		1.1043	1.1077	1.104 - 1.1093
PCB-17		19:35	19:30	-4		1.1317	1.1337	1.129 - 1.1352
PCB-27		19:48	19:43	-5		1.1446	1.1459	1.141 - 1.1471
PCB-24		19:55	19:51	-4		1.1515	1.1536	1.148 - 1.1542
PCB-16		20:03	19:58	-5		1.1591	1.1605	1.156 - 1.1621
PCB-32		20:34	20:29	-5		1.1887	1.1903	1.185 - 1.1908
PCB-34		21:48	21:44	-4		1.2605	*1.2636	1.257 - 1.2623
PCB-23		21:57	21:53	-3		1.2687	*1.2725	1.266 - 1.2715
PCB-26/29		22:16	22:13	-3		1.2872	1.2911	1.282 - 1.2915
PCB-25		22:31	22:26	-4		0.8296	0.8297	0.829 - 0.8325
PCB-31		22:49	22:44	-4		0.8409	0.8411	0.840 - 0.8438
PCB-20/28		23:07	23:03	-3		0.8517	0.8529	0.851 - 0.8568
PCB-21/33		23:17	23:13	-4		0.8584	0.8590	0.858 - 0.8637
PCB-22		23:46	23:40	-5		0.8758	0.8756	0.875 - 0.8786
PCB-36		25:18	25:14	-4		0.9325	0.9333	0.932 - 0.9352
PCB-39		25:40	25:36	-4		0.9462	0.9470	0.945 - 0.9483
PCB-38		26:15	26:10	-4		0.9674	0.9683	0.966 - 0.9695
PCB-35		26:44	26:39	-5		0.9854	0.9858	0.984 - 0.9875
PCB-37	L	27:09	27:02	-6		1.0005	1.0005	0.999 - 1.0024
PCB-54L		20:24	20:17	-6	15	0.8179	0.8162	0.811 - 0.8247
PCB-52L		24:56	24:51	-5		1.0000	1.0000	0.992 - 1.0083
PCB-79L		32:52	32:46	-6		0.9701	0.9705	0.969 - 0.9718
PCB-81L		33:53	33:46	-7	15	1.3592	1.3593	1.351 - 1.3641
PCB-77L		34:27	34:20	-7	15	1.3823	1.3819	1.373 - 1.3867
PCB-54	L	20:24	20:18	-6		1.0000	1.0000	0.996 - 1.0041
PCB-50/53		22:34	22:29	-4		1.1064	1.1085	1.102 - 1.1106
PCB-45/51		23:18	23:12	-5		1.1428	1.1445	1.137 - 1.1453
PCB-46		23:34	23:27	-6		1.1554	1.1564	1.153 - 1.1576
PCB-52		24:57	24:52	-5		1.2238	*1.2264	1.222 - 1.2263
PCB-43/73		25:06	25:01	-5		1.2307	1.2334	1.230 - 1.2346
PCB-49/69		25:22	25:19	-2		1.2439	1.2485	1.242 - 1.2499
PCB-48		25:43	25:38	-5		1.2615	*1.2642	1.259 - 1.2636
PCB-44/47/65		25:57	25:53	-4		1.2728	1.2762	1.269 - 1.2770
PCB-59/62/75		26:16	26:11	-4		1.2879	1.2914	1.284 - 1.2919
PCB-42		26:30	26:23	-6		1.2992	*1.3014	1.296 - 1.3007
PCB-40/41/71		26:59	26:52	-7		1.3237	*1.3254	1.317 - 1.3250
PCB-64		27:12	27:06	-6		1.3338	*1.3361	1.331 - 1.3355
PCB-72		28:01	27:56	-4		0.8268	0.8273	0.826 - 0.8291
PCB-68		28:18	28:13	-4		0.8352	0.8357	0.835 - 0.8375
PCB-57		28:43	28:38	-4		0.8476	0.8482	0.847 - 0.8500
PCB-58		28:59	28:53	-5		0.8552	0.8554	0.854 - 0.8574
PCB-67		29:08	29:03	-4		0.8597	0.8603	0.859 - 0.8620
PCB-63		29:24	29:19	-4		0.8677	0.8682	0.866 - 0.8694
PCB-61/70/74/76		29:44	29:39	-5		0.8775	0.8781	0.875 - 0.8810

Report Date: 04-Jan-2024 13:55:32 Chrom Revision: 2.3 15-Nov-2023 20:54:34
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-66		30:04	29:58	-5		0.8873	0.8875	0.886 - 0.8894
PCB-55		30:15	30:08	-6		0.8926	0.8925	0.891 - 0.8943
PCB-56		30:45	30:39	-6		0.9077	0.9076	0.907 - 0.9098
PCB-60		30:58	30:51	-6		0.9138	0.9137	0.913 - 0.9158
PCB-80		31:21	31:16	-5		0.9251	0.9258	0.924 - 0.9268
PCB-79		32:54	32:48	-6		0.9709	0.9712	0.970 - 0.9726
PCB-78		33:28	33:21	-6		0.9875	0.9875	0.986 - 0.9890
PCB-81	T	33:54	33:47	-7		1.0008	1.0008	0.999 - 1.0020
PCB-77	T/L	34:29	34:21	-7		1.0007	1.0007	0.999 - 1.0019
PCB-104L		25:53	25:47	-6	15	0.8142	0.8132	0.810 - 0.8199
PCB-95L		28:52	28:45	-6		1.1153	1.1156	1.112 - 1.1179
PCB-101L		31:47	31:42	-5		1.0000	1.0000	0.994 - 1.0065
PCB-111L		34:27	34:22	-5		1.0842	1.0843	1.079 - 1.0891
PCB-123L		36:26	36:19	-6	15	1.1463	1.1460	1.141 - 1.1511
PCB-118L		36:46	36:39	-6	15	1.1567	1.1563	1.151 - 1.1614
PCB-114L		37:17	37:10	-6	15	1.1733	1.1729	1.168 - 1.1780
PCB-105L		37:57	37:50	-7	15	1.1944	1.1936	1.188 - 1.1989
PCB-127L		39:25	39:18	-7		1.0000	1.0000	0.995 - 1.0053
PCB-126L		41:03	40:54	-8	15	1.2917	1.2907	1.285 - 1.2956
PCB-104	L	25:54	25:48	-6		1.0010	1.0010	0.998 - 1.0039
PCB-96		26:18	26:11	-6		1.0163	1.0159	1.013 - 1.0195
PCB-103		28:11	28:07	-4		1.0891	1.0908	1.087 - 1.0912
PCB-94		28:26	28:20	-5		1.0985	1.0992	1.097 - 1.1003
PCB-95		28:53	28:47	-6		1.1163	1.1166	1.113 - 1.1193
PCB-93/100		29:05	28:59	-5		1.1238	1.1245	1.120 - 1.1267
PCB-98/102		29:15	29:08	-6		1.1302	1.1305	1.127 - 1.1336
PCB-88/91		29:45	29:38	-6		1.1495	1.1498	1.143 - 1.1505
PCB-84		29:59	29:51	-8		1.1589	1.1583	1.157 - 1.1603
PCB-89		30:27	30:20	-6		1.1767	1.1771	1.175 - 1.1786
PCB-121		30:49	30:45	-4		1.1911	*1.1930	1.188 - 1.1922
PCB-92		31:13	31:08	-5		0.8569	0.8571	0.856 - 0.8589
PCB-90/101/113		31:47	31:41	-6		1.2282	1.2292	1.224 - 1.2307
PCB-83/99		32:23	32:17	-6		1.2515	1.2525	1.245 - 1.2525
PCB-112		32:30	32:25	-5		1.2560	*1.2575	1.254 - 1.2574
PCB-86/87/97/109/119/125		32:51	32:46	-4		1.2693	1.2714	1.265 - 1.2756
PCB-85/116/117		33:36	33:30	-6		1.2985	1.2996	1.293 - 1.3007
PCB-110/115		33:49	33:44	-4		1.3069	1.3091	1.303 - 1.3092
PCB-82		34:07	34:00	-7		1.3188	1.3190	1.316 - 1.3194
PCB-111		34:29	34:23	-5		1.3327	*1.3344	1.329 - 1.3330
PCB-120		34:56	34:51	-4		1.3500	*1.3522	1.348 - 1.3514
PCB-108/124		36:05	35:59	-5		1.3947	1.3964	1.390 - 1.3967
PCB-107		36:20	36:14	-6		1.4044	*1.4056	1.401 - 1.4049
PCB-123	T	36:27	36:21	-6		1.0007	1.0007	1.000 - 1.0023
PCB-106		36:35	36:28	-6		1.0040	1.0040	1.003 - 1.0057
PCB-118	T	36:47	36:40	-6		1.0007	1.0007	0.999 - 1.0019
PCB-122		37:09	37:01	-7		1.0104	1.0100	1.009 - 1.0117

Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-114	T	37:19	37:12	-6		1.0007	1.0007	0.999 - 1.0018
PCB-105	T	37:59	37:51	-8		1.0007	1.0003	0.999 - 1.0018
PCB-127		39:27	39:20	-7		1.0392	1.0396	1.037 - 1.0399
PCB-126	T/L	41:05	40:56	-8		1.0006	1.0006	1.000 - 1.0016
PCB-155L		31:31	31:27	-3	15	0.7899	0.7910	0.787 - 0.7951
PCB-153L		38:38	38:32	-6		0.9006	0.9007	0.899 - 0.9028
PCB-138L		39:54	39:46	-7		1.0000	1.0000	0.979 - 1.0208
PCB-167L		42:54	42:46	-7	15	1.0752	1.0757	1.071 - 1.0792
PCB-156L/157L		44:05	43:56	-9	15	1.1049	1.1048	1.100 - 1.1084
PCB-169L		47:18	47:10	-8	15	1.1857	1.1861	1.184 - 1.1864
PCB-155	L	31:32	31:29	-3		1.0008	1.0008	0.998 - 1.0031
PCB-152		31:47	31:40	-6		1.0085	1.0069	1.006 - 1.0096
PCB-150		31:56	31:50	-6		1.0134	1.0122	1.011 - 1.0144
PCB-136		32:20	32:12	-7		1.0260	1.0240	1.024 - 1.0268
PCB-145		32:36	32:30	-6		1.0346	1.0333	1.033 - 1.0358
PCB-148		34:05	34:00	-4		1.0817	1.0813	1.080 - 1.0830
PCB-135/151		34:46	34:39	-7		1.1032	1.1016	1.099 - 1.1038
PCB-154		34:56	34:51	-4		1.1085	1.1081	1.106 - 1.1107
PCB-144		35:16	35:10	-5		1.1191	1.1183	1.117 - 1.1199
PCB-147/149		35:38	35:32	-5		1.1307	1.1297	1.127 - 1.1326
PCB-134/143		35:57	35:49	-7		1.1407	1.1389	1.136 - 1.1409
PCB-139/140		36:13	36:07	-5		1.1494	1.1486	1.146 - 1.1515
PCB-131		36:27	36:19	-7		1.1566	1.1548	1.154 - 1.1571
PCB-142		36:35	36:29	-6		1.1611	1.1598	1.159 - 1.1621
PCB-132		36:55	36:47	-7		1.1716	1.1699	1.168 - 1.1728
PCB-133		37:24	37:17	-6		1.1866	1.1857	1.184 - 1.1872
PCB-165		37:46	37:41	-5		0.8806	0.8811	0.880 - 0.8825
PCB-146		38:02	37:56	-6		0.8868	0.8869	0.886 - 0.8882
PCB-161		38:09	38:04	-5		0.8895	0.8900	0.889 - 0.8914
PCB-153/168		38:40	38:34	-6		0.9015	0.9017	0.900 - 0.9040
PCB-141		38:51	38:44	-7		0.9058	0.9057	0.905 - 0.9075
PCB-130		39:16	39:09	-7		0.9156	0.9155	0.915 - 0.9172
PCB-137		39:29	39:22	-7		0.9205	0.9204	0.920 - 0.9224
PCB-164		39:37	39:29	-7		0.9236	0.9232	0.923 - 0.9252
PCB-129/138/160/163		39:55	39:48	-7		0.9307	0.9306	0.930 - 0.9349
PCB-158		40:18	40:11	-7		0.9396	0.9395	0.939 - 0.9409
PCB-128/166		41:09	41:01	-7		0.9592	0.9591	0.958 - 0.9617
PCB-159		42:09	42:02	-6		0.9825	0.9828	0.982 - 0.9839
PCB-162		42:26	42:19	-7		0.9893	0.9892	0.988 - 0.9907
PCB-167	T	42:55	42:47	-8		1.0006	1.0003	0.999 - 1.0016
PCB-156/157	T	44:05	43:56	-9		1.0003	1.0003	0.999 - 1.0025
PCB-169	T/L	47:20	47:11	-8		1.0006	1.0006	0.999 - 1.0015
PCB-188L		37:16	37:10	-5	15	0.8201	0.8205	0.817 - 0.8243
PCB-178L		40:20	40:14	-5		0.8874	0.8880	0.884 - 0.8916
PCB-180L		45:26	45:18	-7		1.0000	1.0000	0.996 - 1.0037
PCB-170L		46:42	46:34	-8	15	1.0281	1.0279	1.024 - 1.0317

Compound	T/L	ICAL RT	CCV RT	R RT (secs)	RT Lmt	ICAL RRT	CCV RRT	RRT Limits
PCB-189L		49:50	49:41	-9	15	1.0968	1.0965	1.093 - 1.1000
PCB-188	L	37:16	37:12	-4		1.0004	1.0007	1.000 - 1.0022
PCB-179		37:39	37:32	-6		1.0102	1.0099	1.009 - 1.0115
PCB-184		38:09	38:03	-5		1.0237	1.0237	1.023 - 1.0254
PCB-176		38:31	38:25	-6		1.0339	1.0336	1.033 - 1.0351
PCB-186		38:59	38:52	-7		1.0463	1.0456	1.045 - 1.0476
PCB-178		40:21	40:16	-5		1.0830	1.0831	1.081 - 1.0837
PCB-175		40:59	40:53	-6		1.1000	1.0997	1.098 - 1.1008
PCB-187		41:15	41:09	-5		1.1070	1.1071	1.106 - 1.1082
PCB-182		41:27	41:21	-6		1.1127	1.1124	1.111 - 1.1137
PCB-183/185		41:52	41:45	-6		1.1236	1.1234	1.123 - 1.1260
PCB-174		42:08	42:00	-8		1.1307	1.1297	1.129 - 1.1313
PCB-177		42:34	42:26	-8		1.1423	1.1414	1.140 - 1.1430
PCB-181		42:57	42:49	-7		1.1526	1.1520	1.151 - 1.1535
PCB-171/173		43:11	43:03	-8		1.1589	1.1580	1.156 - 1.1602
PCB-172		44:48	44:41	-6		0.8991	0.8995	0.899 - 0.9008
PCB-192		45:05	44:58	-6		0.9046	0.9051	0.904 - 0.9060
PCB-180/193		45:25	45:18	-6		0.9115	0.9120	0.911 - 0.9130
PCB-191		45:49	45:41	-7		0.9194	0.9196	0.919 - 0.9209
PCB-170		46:44	46:36	-8		0.9379	0.9379	0.937 - 0.9392
PCB-190		47:15	47:06	-8		0.9482	0.9482	0.948 - 0.9496
PCB-189	T/L	49:50	49:42	-8		1.0003	1.0005	0.999 - 1.0013
PCB-202L		42:39	42:32	-6	15	0.8212	0.8213	0.819 - 0.8249
PCB-194L		51:56	51:47	-8		1.0000	1.0000	0.996 - 1.0040
PCB-205L		52:23	52:16	-7	15	1.0089	1.0091	1.004 - 1.0138
PCB-202	L	42:39	42:34	-5		1.0003	1.0006	0.999 - 1.0027
PCB-201		43:35	43:29	-5		1.0219	1.0222	1.020 - 1.0237
PCB-204		44:15	44:09	-5		1.0376	1.0380	1.036 - 1.0388
PCB-197		44:29	44:23	-5		1.0432	1.0436	1.042 - 1.0445
PCB-200		44:37	44:29	-7		1.0463	1.0460	1.045 - 1.0473
PCB-198/199		47:23	47:17	-6		1.1111	1.1115	1.109 - 1.1132
PCB-196		48:04	47:57	-7		0.9174	0.9174	0.917 - 0.9189
PCB-203		48:16	48:09	-7		0.9212	0.9212	0.921 - 0.9226
PCB-195		49:37	49:28	-8		0.9470	0.9467	0.946 - 0.9481
PCB-194		51:56	51:49	-7		0.9914	0.9914	0.991 - 0.9926
PCB-205	L	52:25	52:17	-7		1.0005	1.0005	0.999 - 1.0013
PCB-208L		49:19	49:13	-5	15	0.9497	0.9504	0.947 - 0.9534
PCB-206L		54:08	54:01	-7	15	1.0424	1.0430	1.038 - 1.0472
PCB-208	L	49:20	49:14	-6		1.0005	1.0003	0.999 - 1.0013
PCB-207		50:17	50:10	-6		1.0195	1.0192	1.019 - 1.0205
PCB-206	L	54:09	54:02	-6		1.0002	1.0005	1.000 - 1.0015
PCB-209L		55:43	55:39	-4	15	1.0730	1.0746	1.069 - 1.0784
DCB Decachlorobiphenyl	L	55:45	55:41	-4		1.0005	1.0005	0.999 - 1.0012

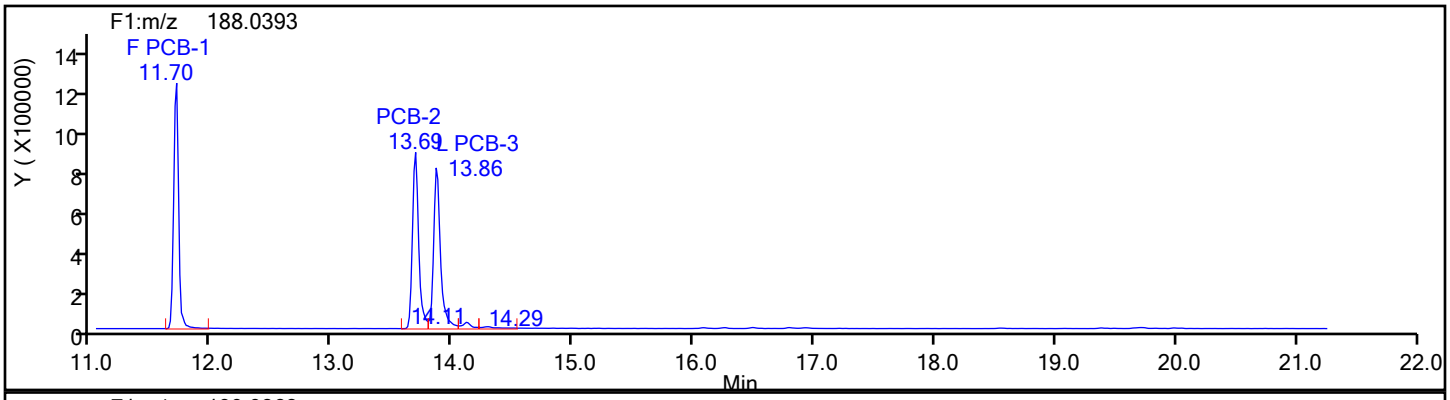
Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

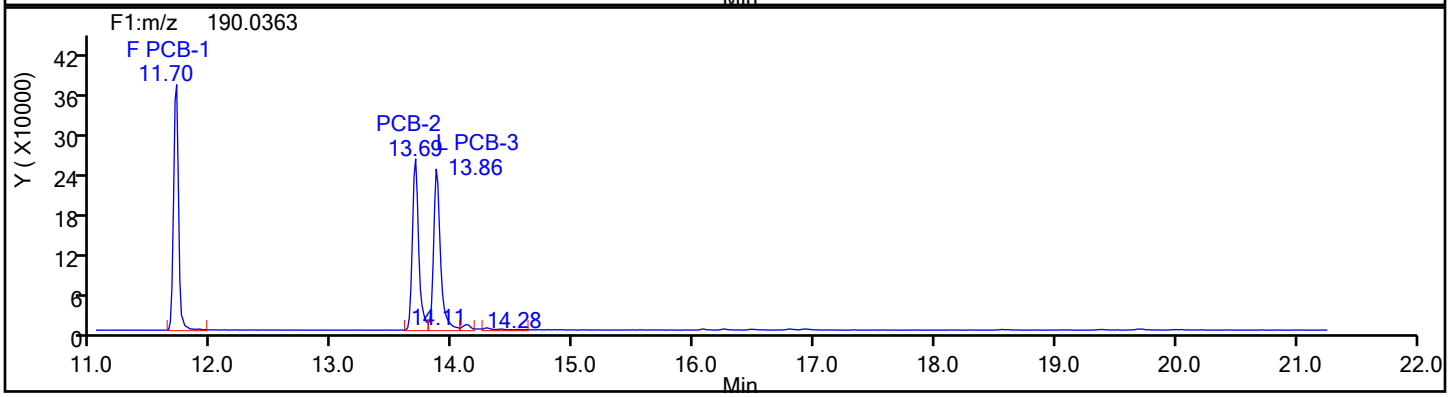
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

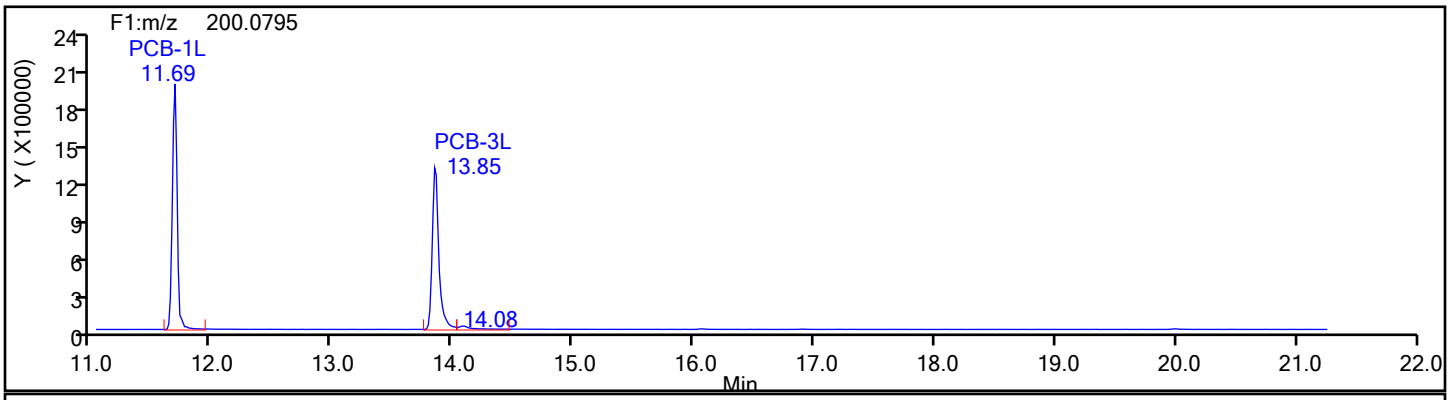
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

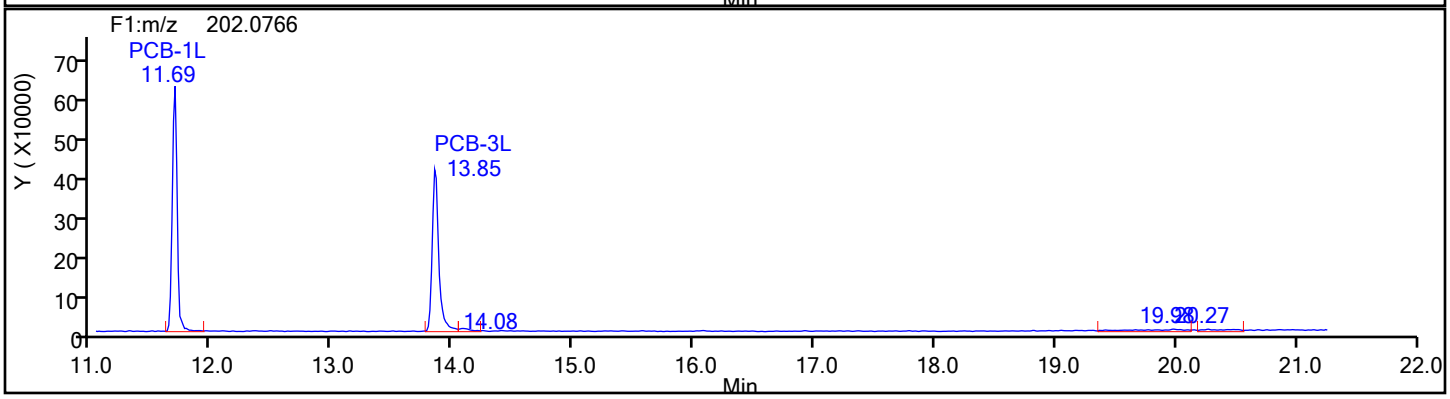
MoPCB F1





MoPCB F1 Standards





Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
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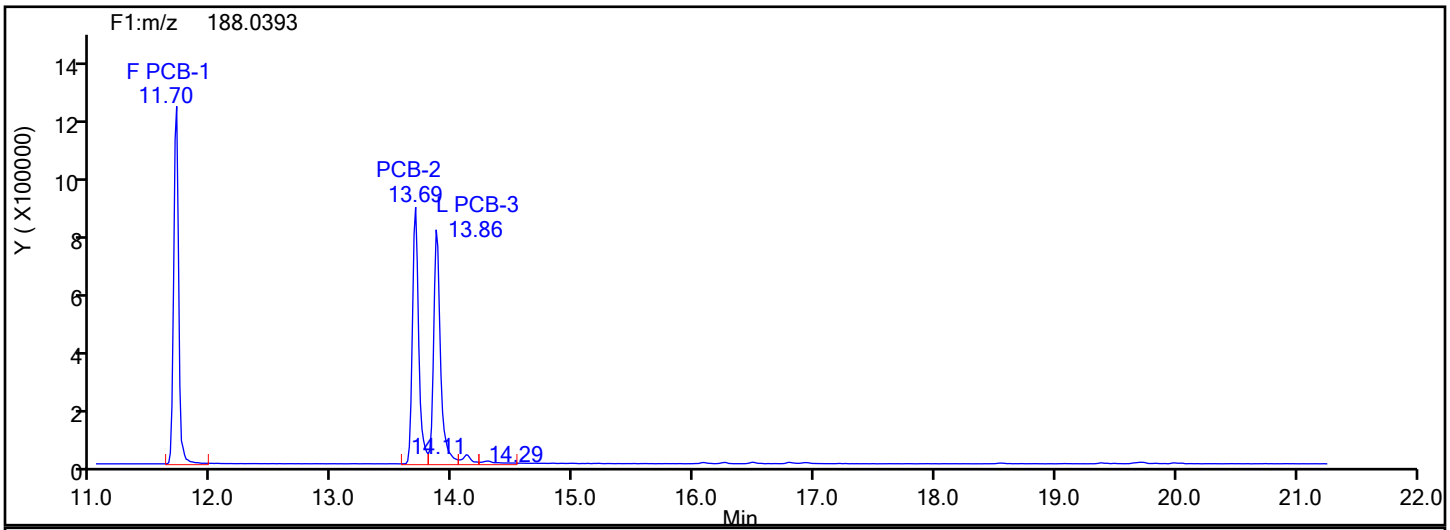
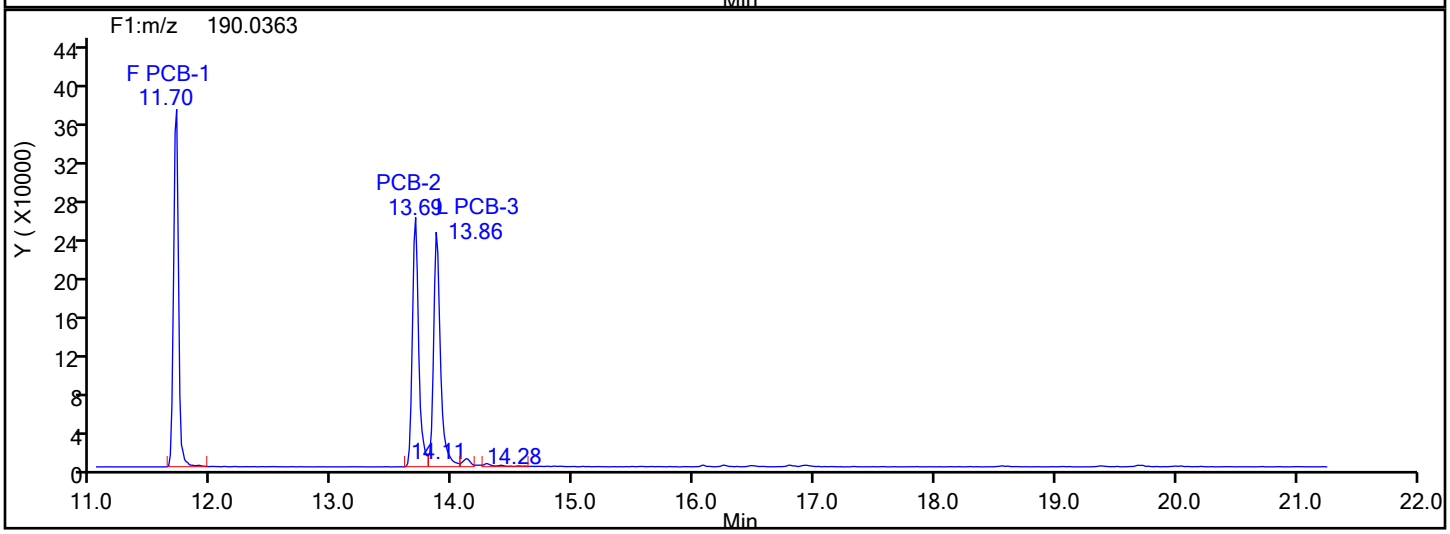
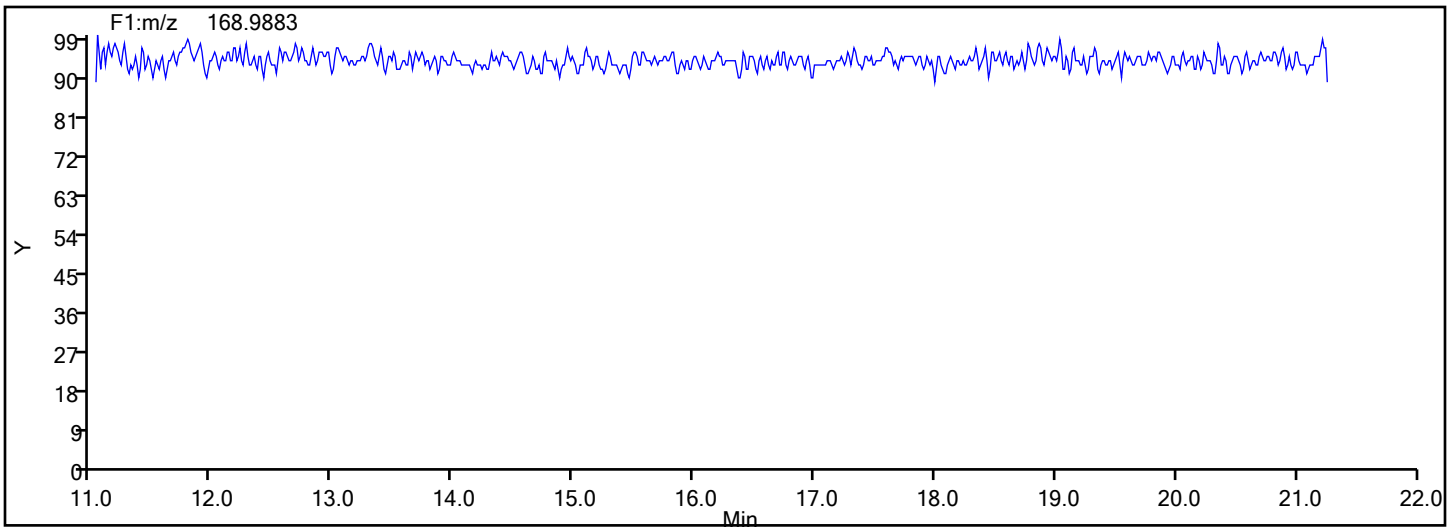
MoPCB F1





MoPCB F1 Lock Mass



Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

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Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
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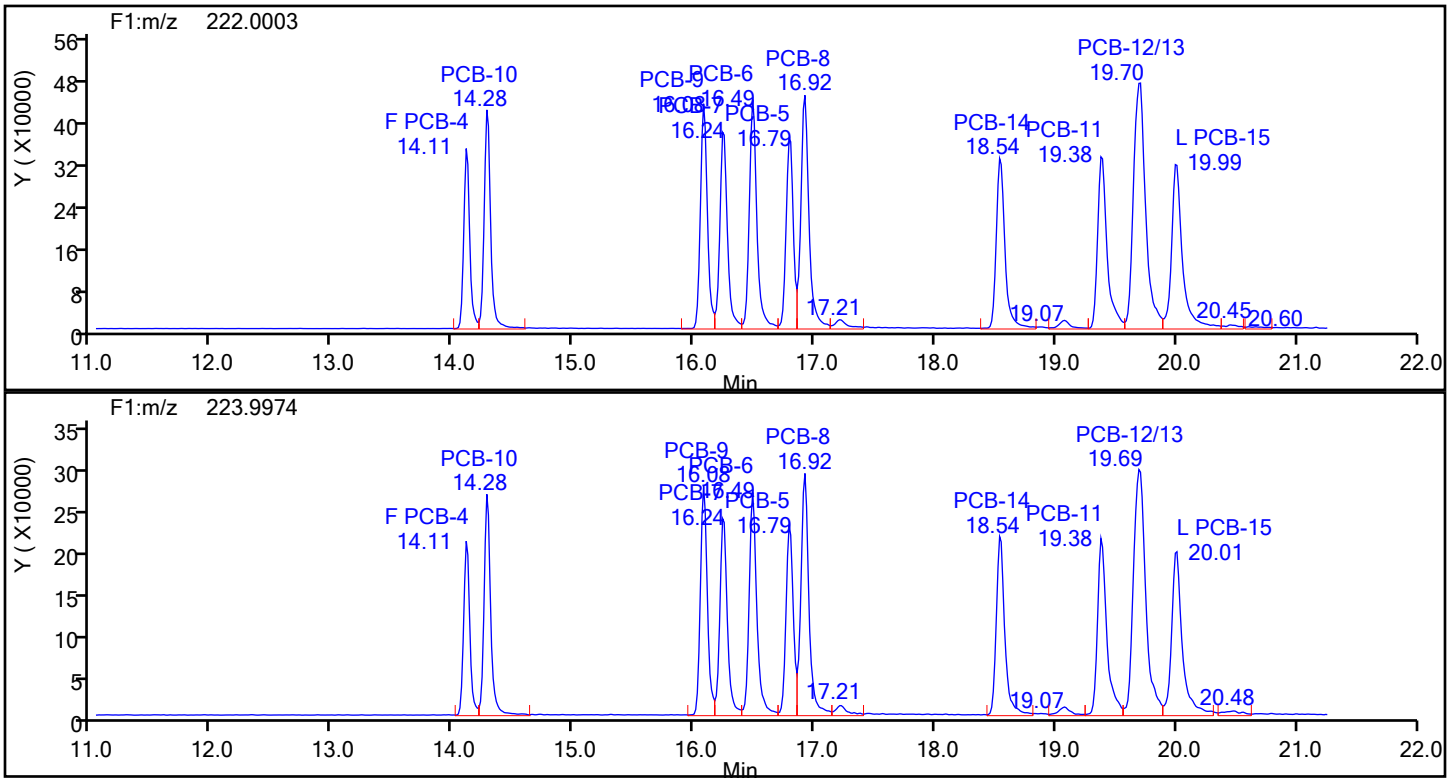
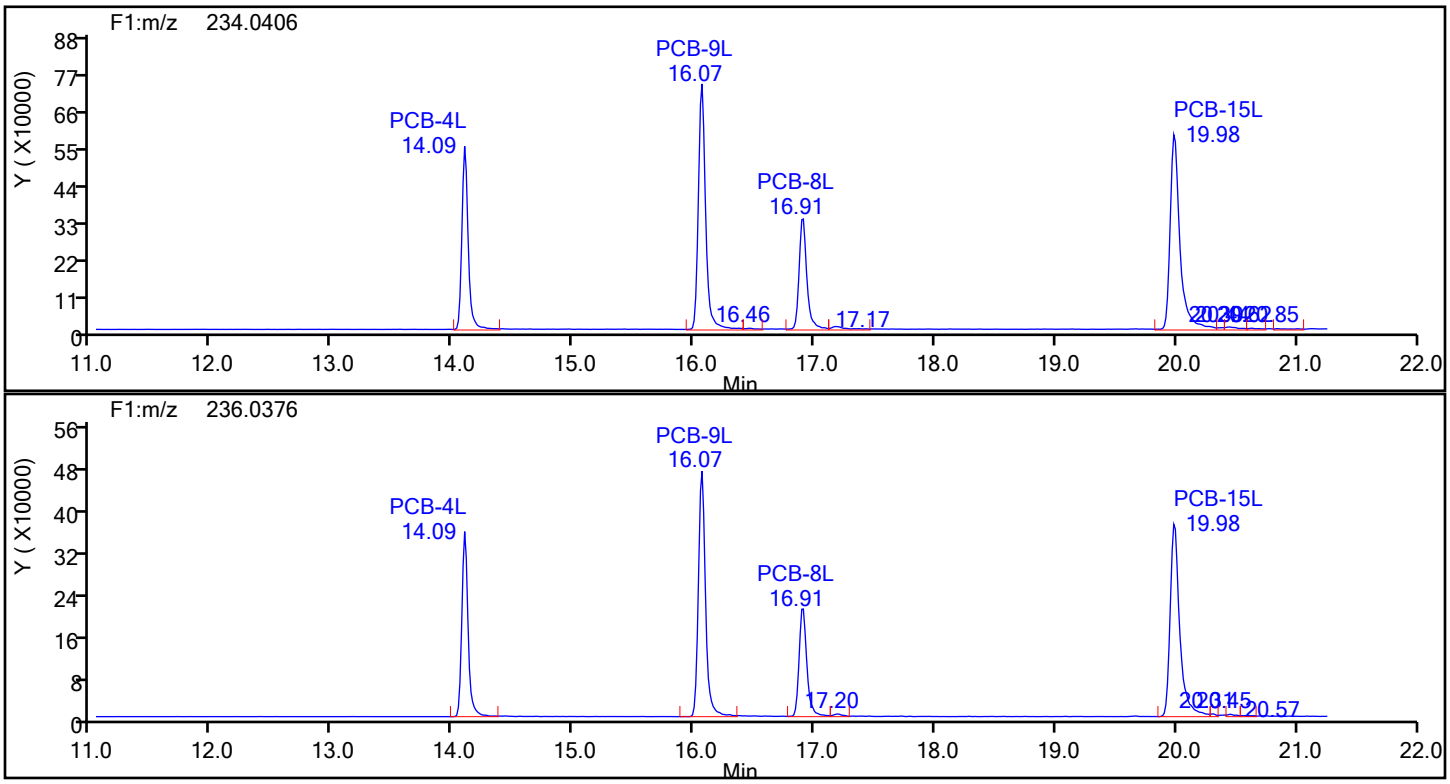
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards



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Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
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Client ID:			
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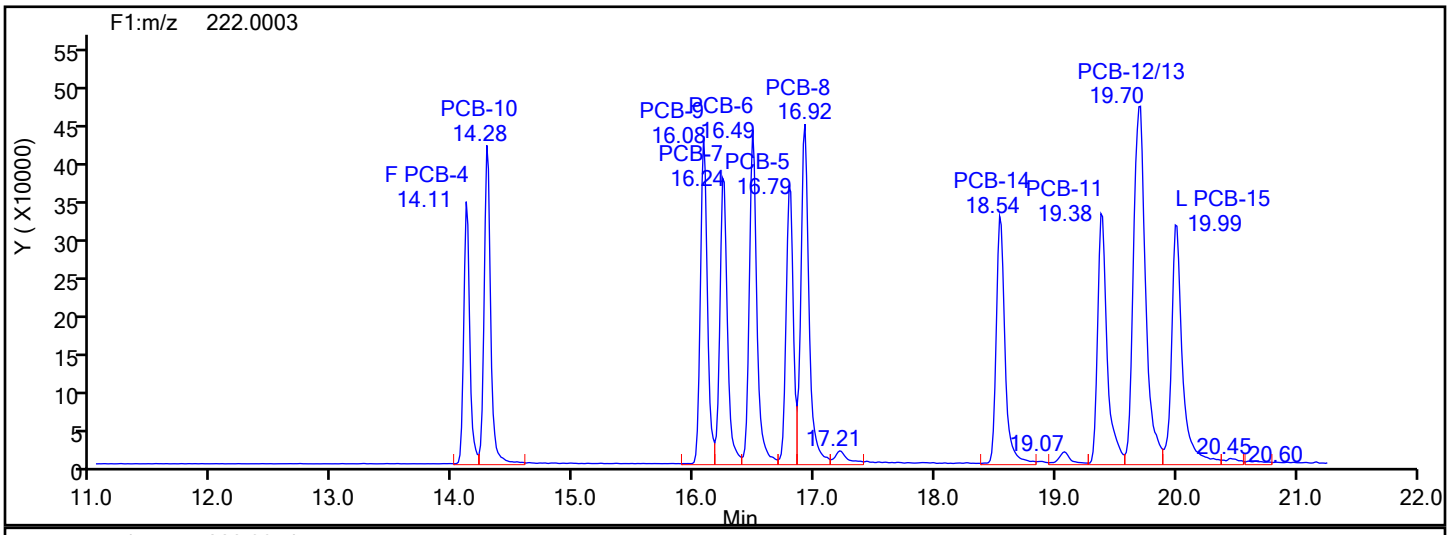
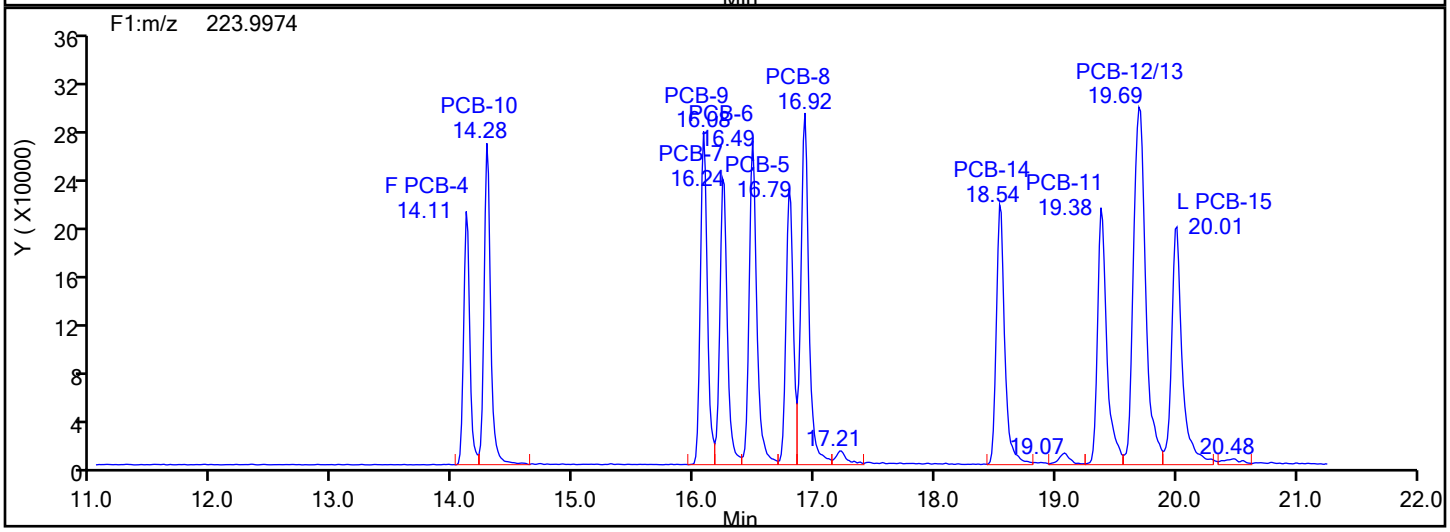
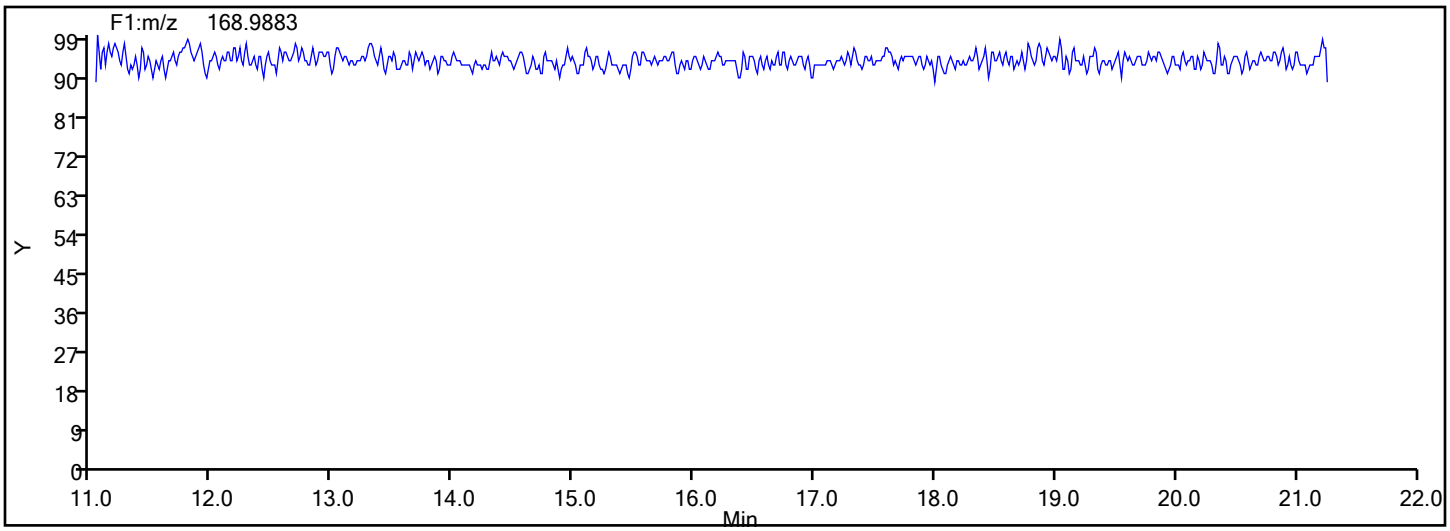
DiPCB F1





DiPCB F1 Lock Mass



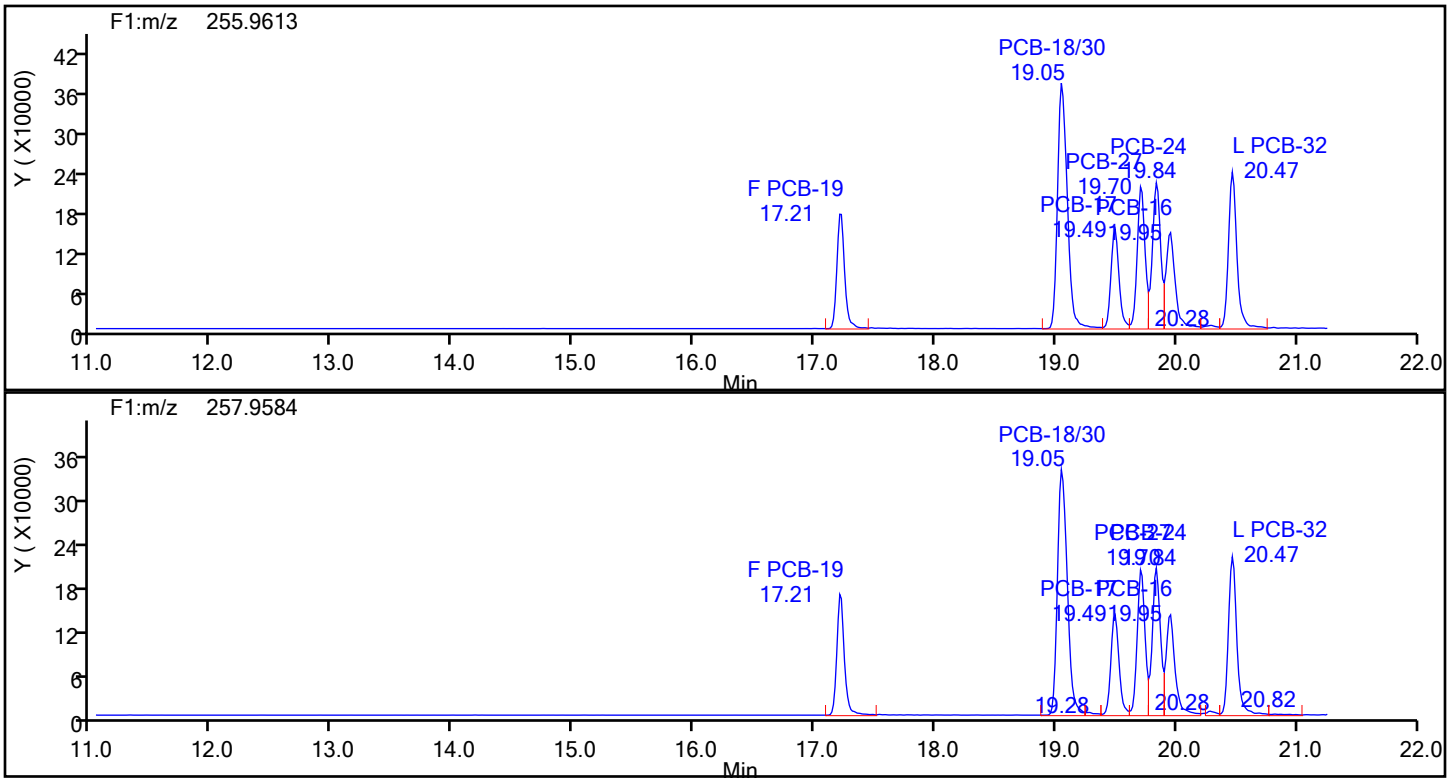
Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

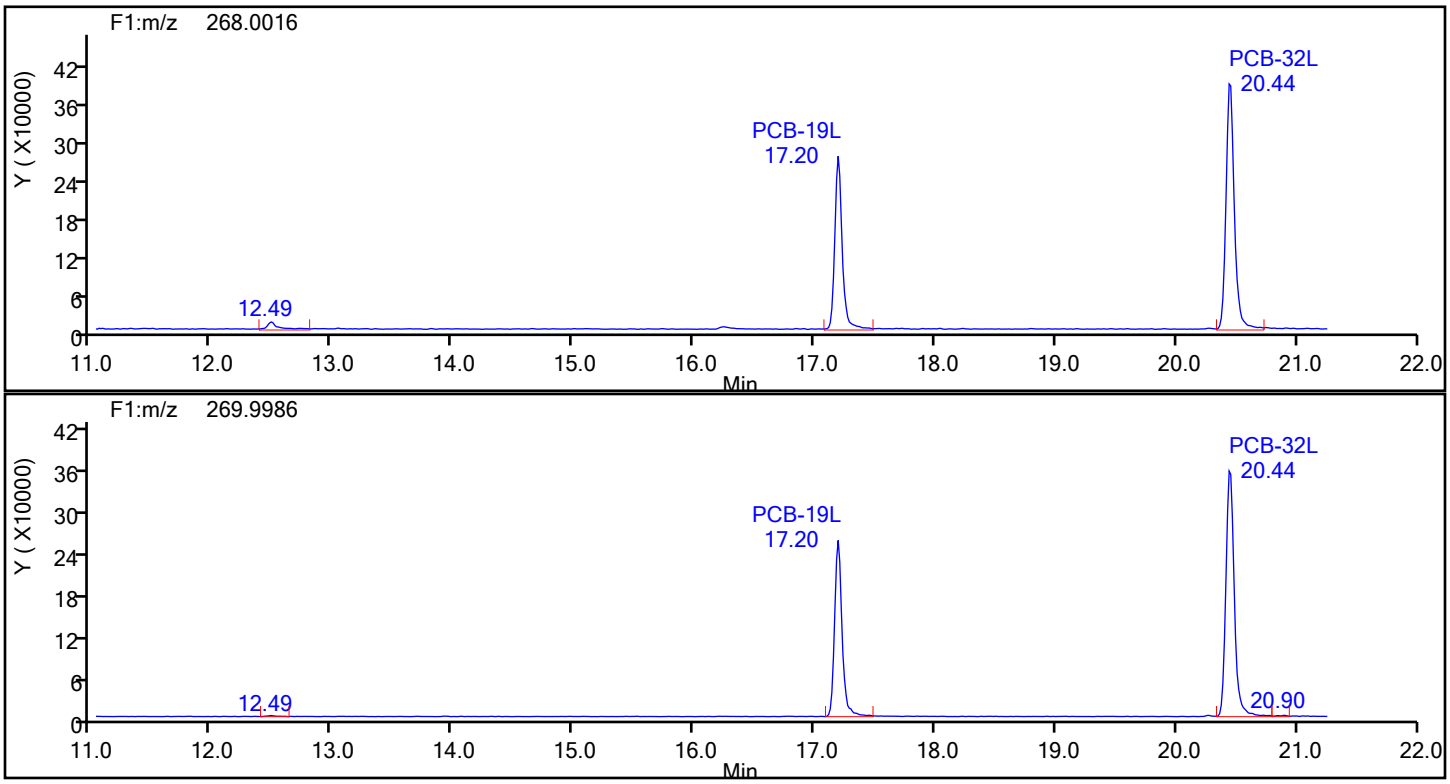
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

TriPCB F1



TriPCB F1 Standards



Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
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Instrument ID:	D2D	Operator ID:	Xcalibur_System
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Client ID:			
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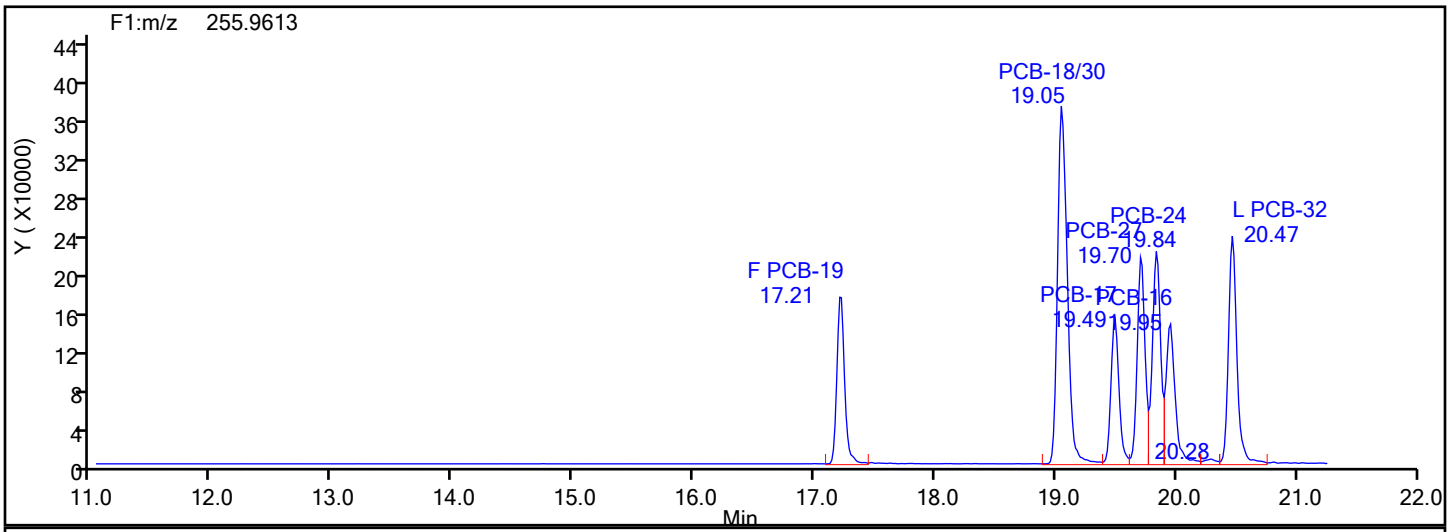
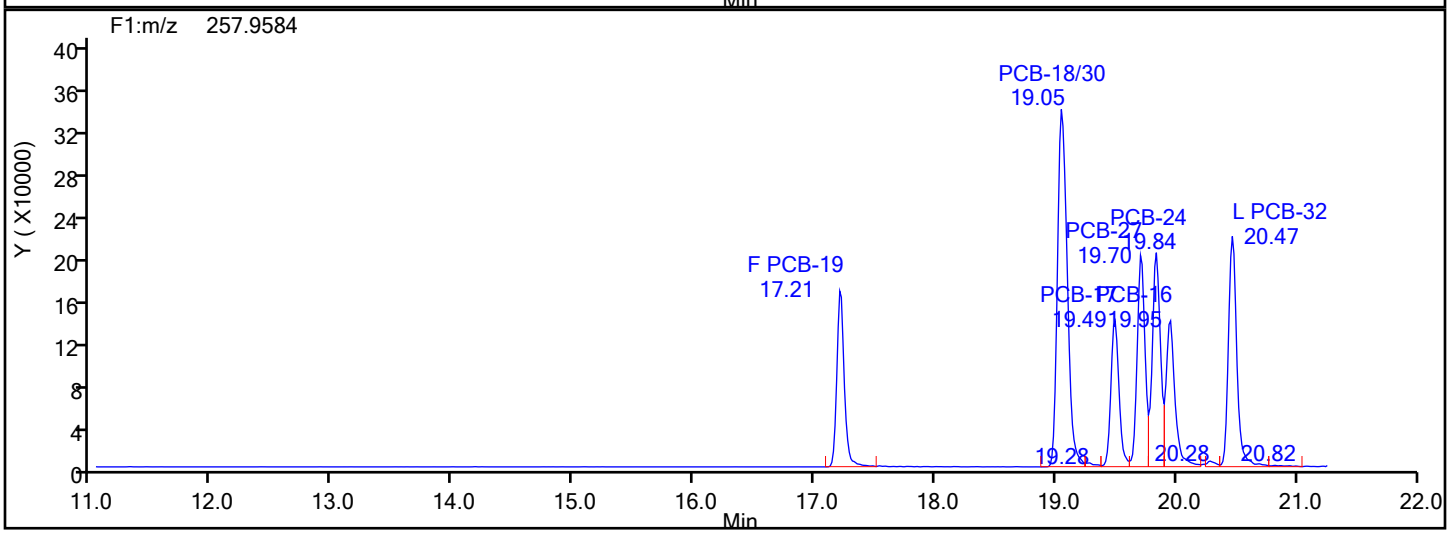
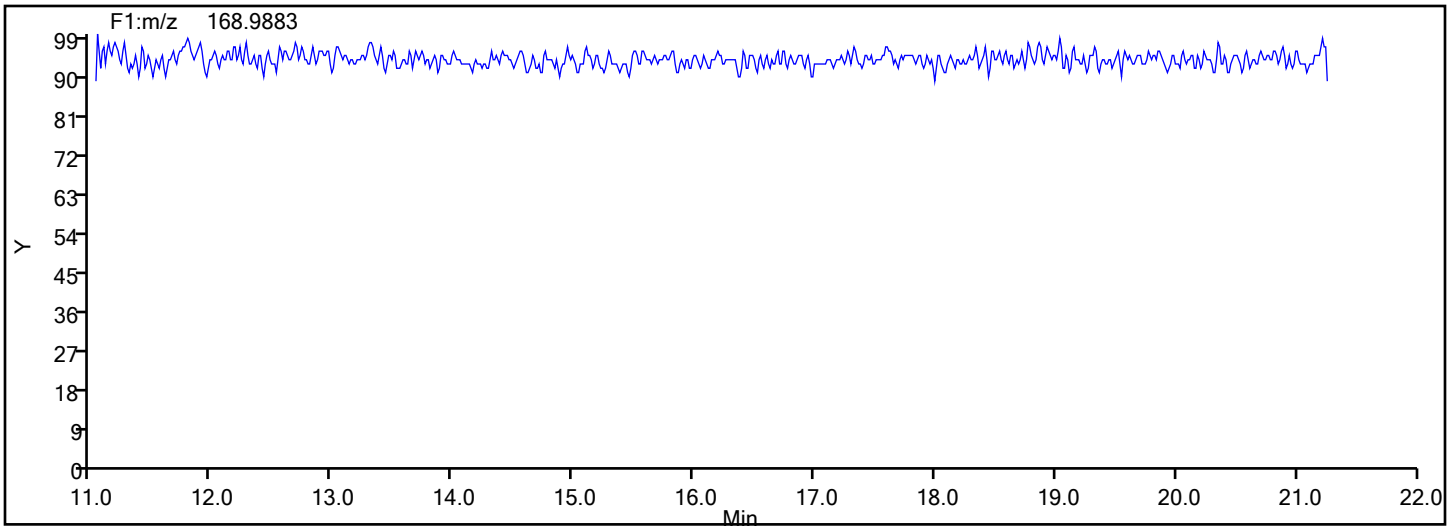
TriPCB F1





TriPCB F1 Lock Mass



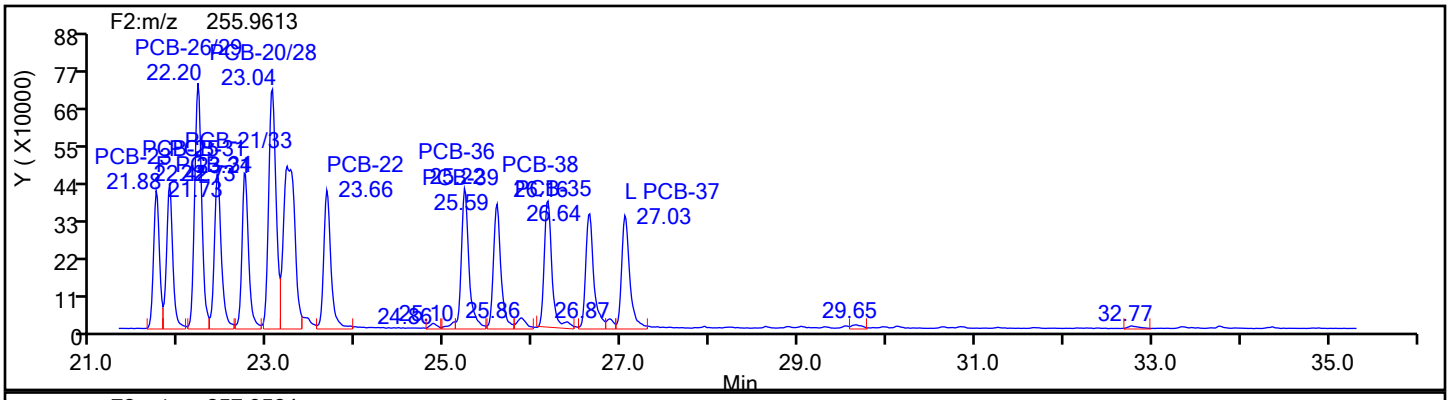
Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

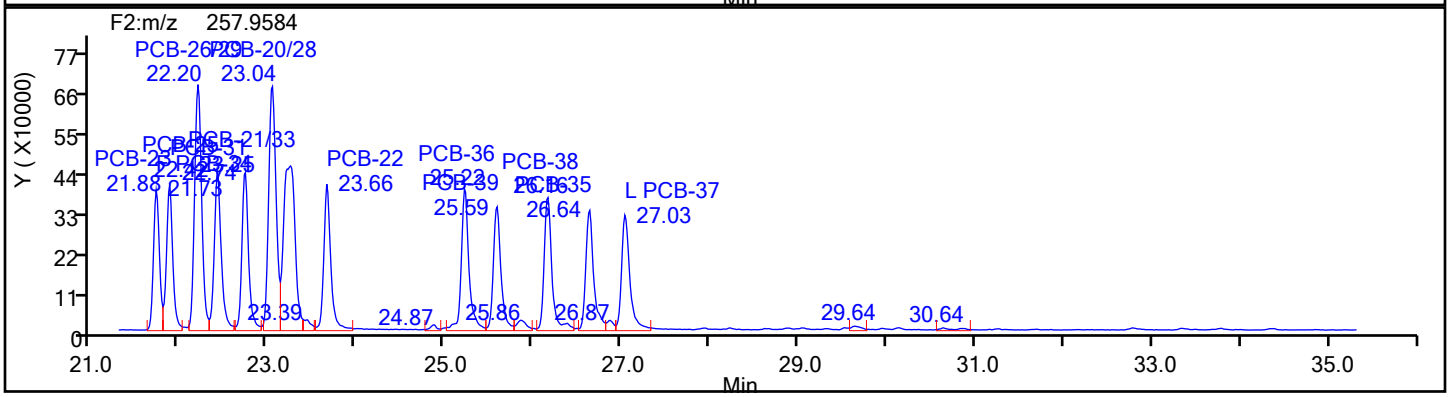
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

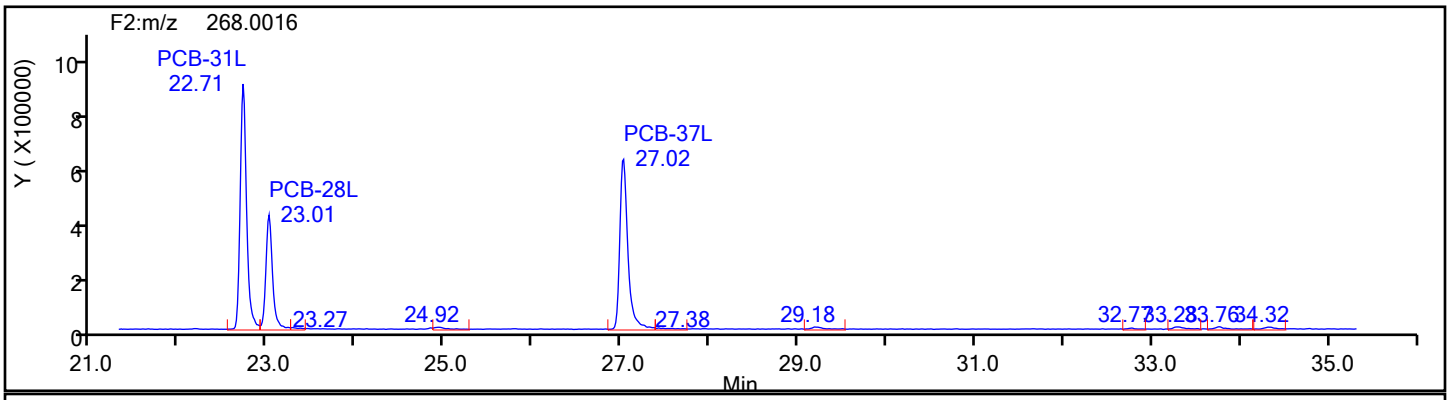
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

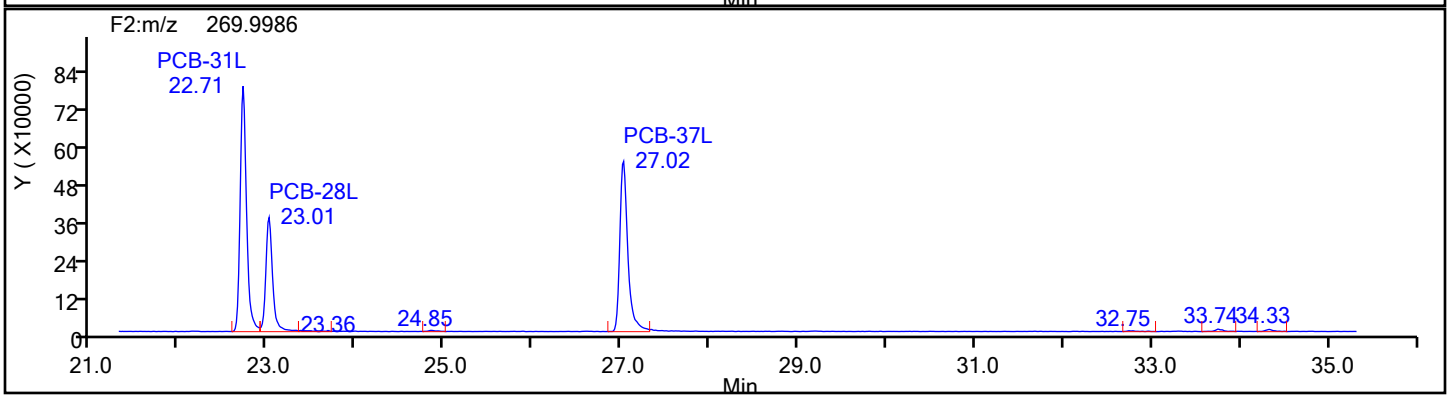
TriPCB F2





TriPCB F2 Standards



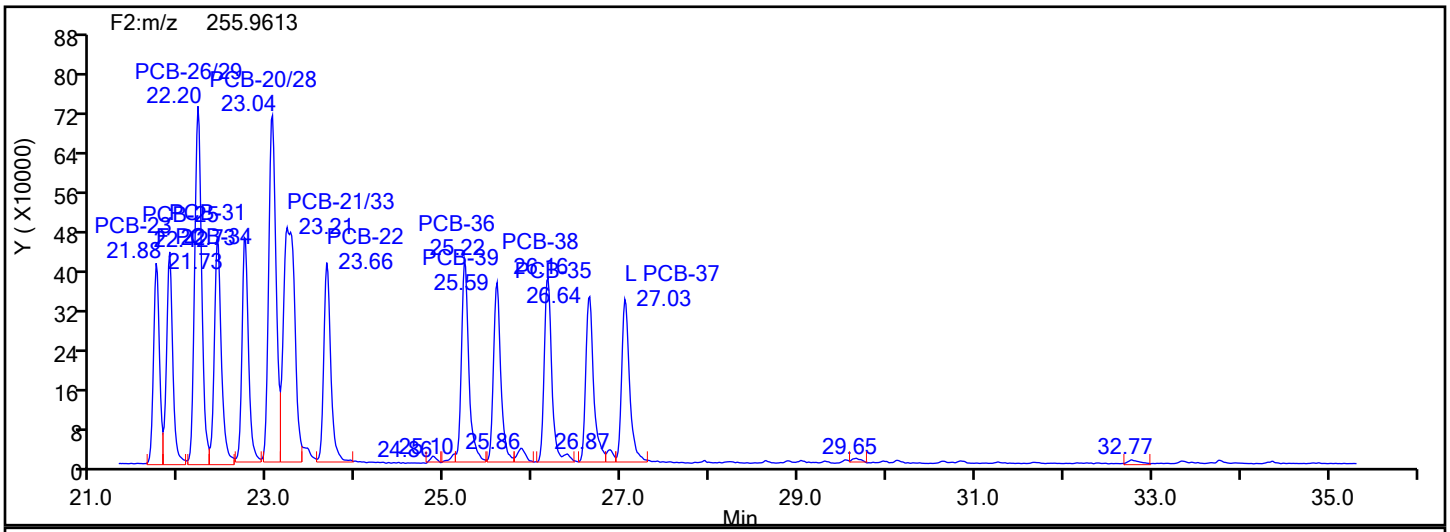


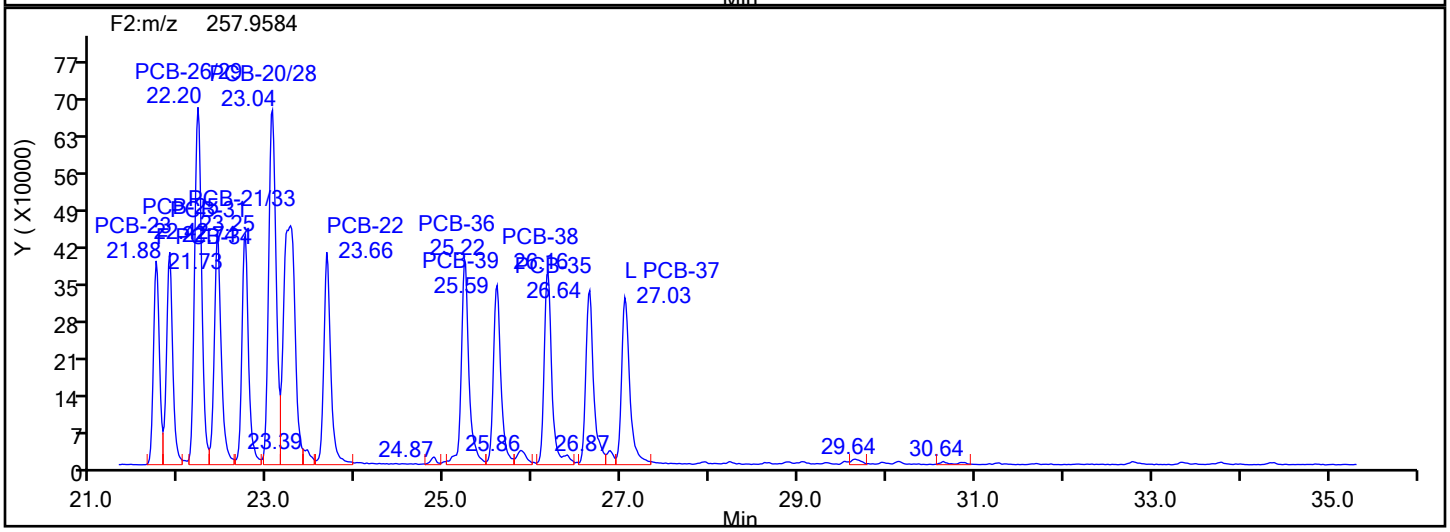
Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

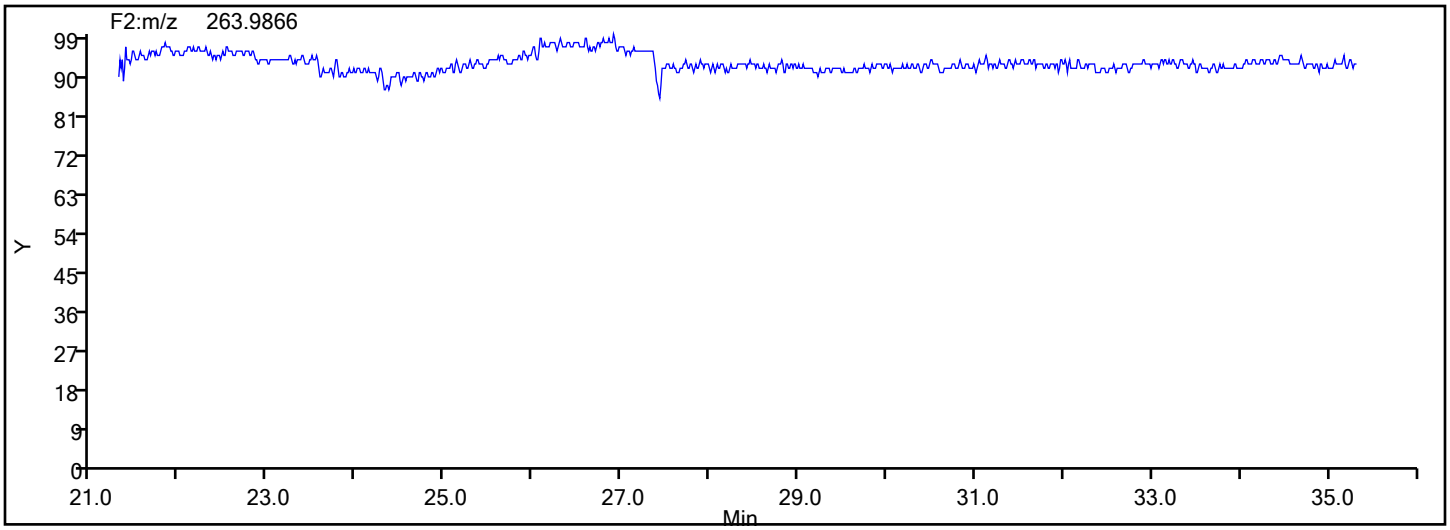
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 82009 Sample Line#: 1
Column Type: Column Dia:

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

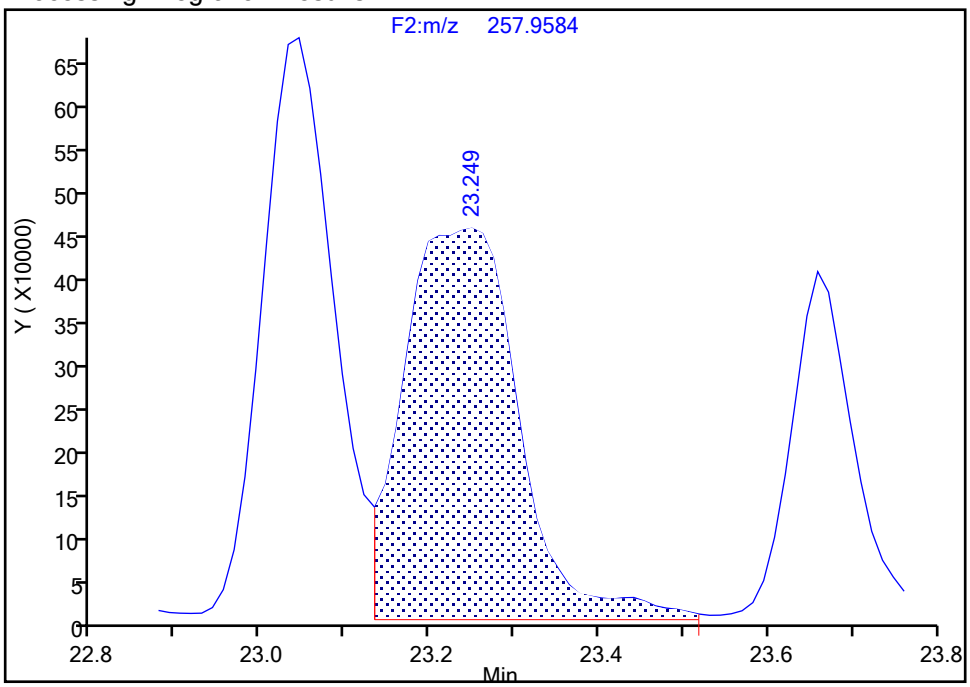
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d				
Injection Date:	04-Jan-2024 11:14:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-21/33, CAS: STL01800

Signal: 2

Processing Integration Results

RT: 23.25
Area: 4261414
Amount: 106.3678
Amount Units: pg/ul



Manual Integration Results

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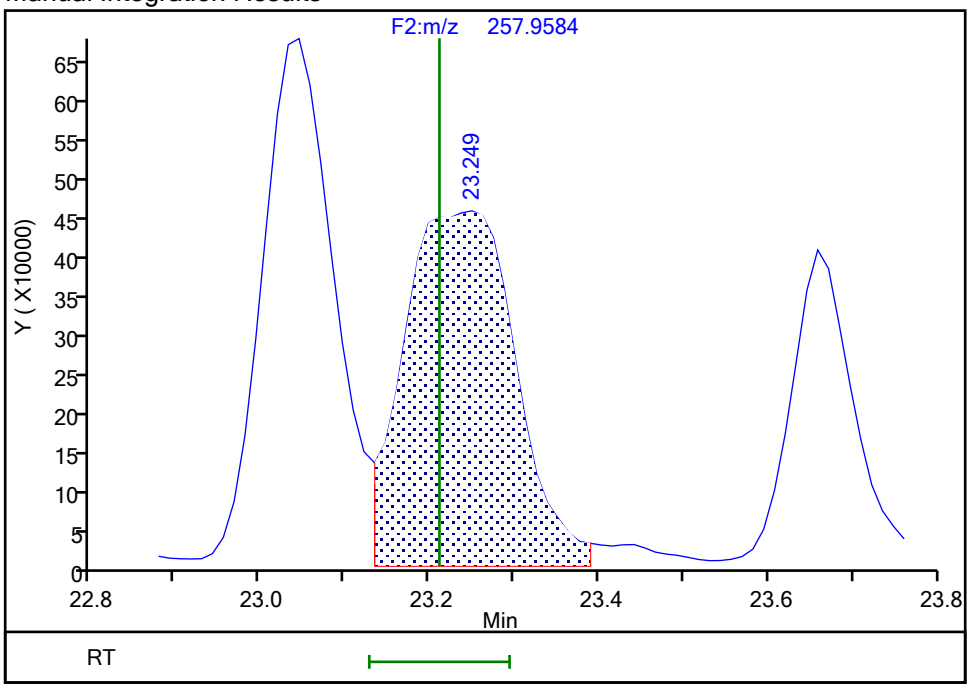
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:34:49 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

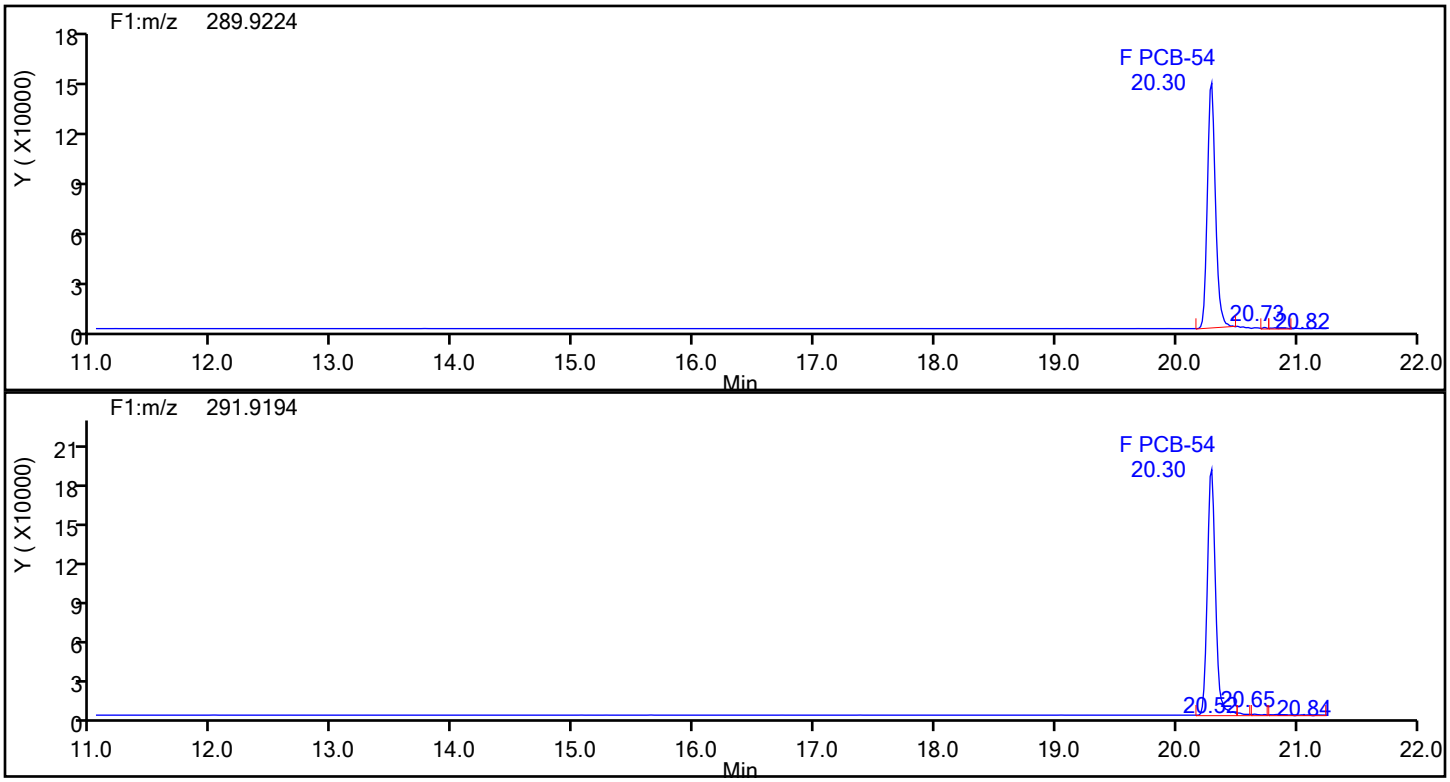
Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

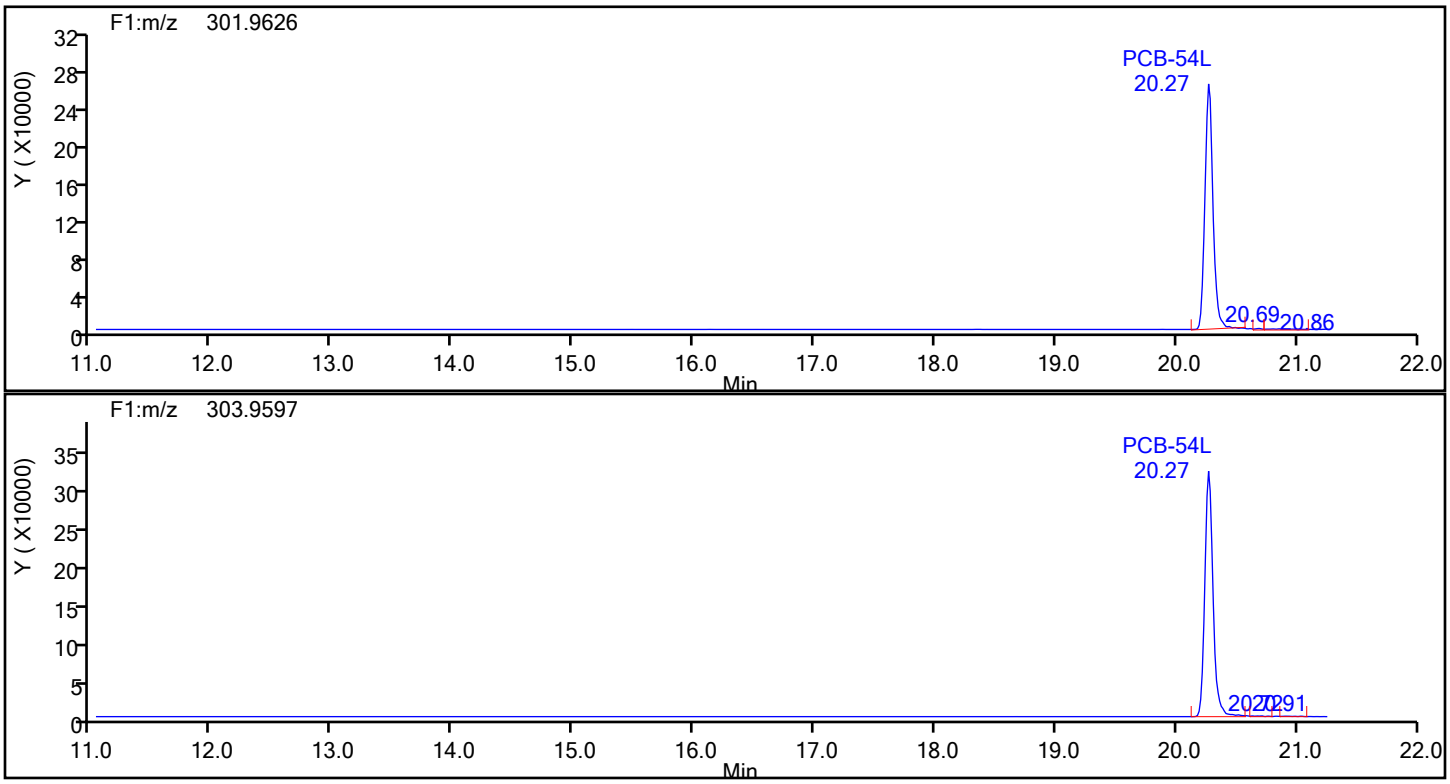
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

TePCB F1



TePCB F1 Standards



Report Date: 04-Jan-2024 13:55:33 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
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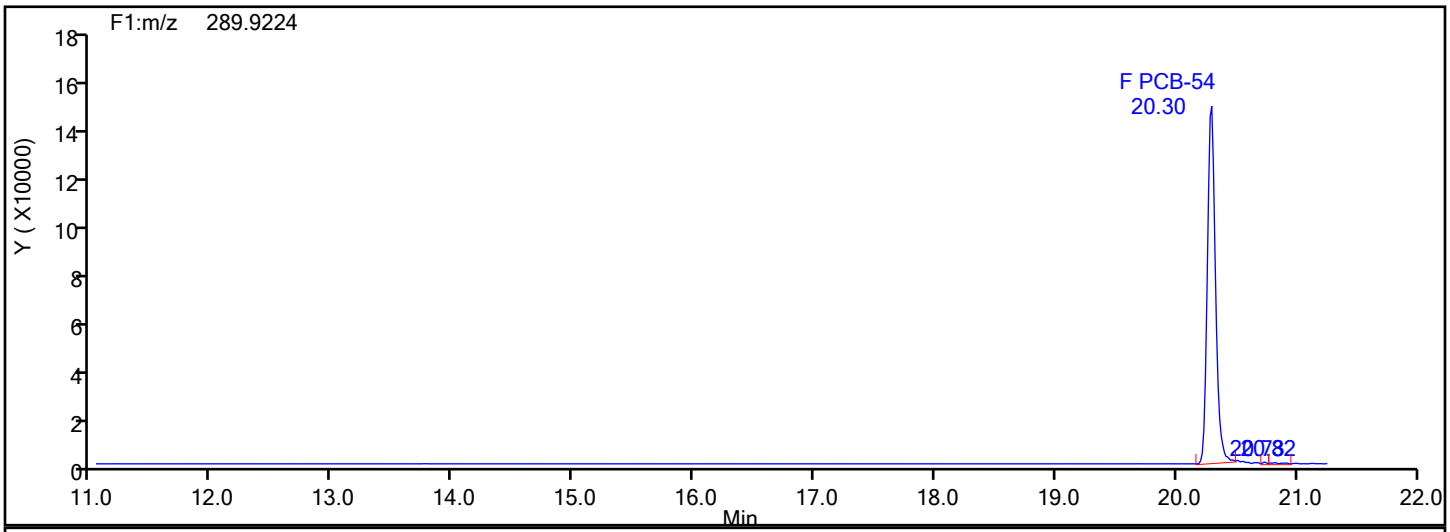
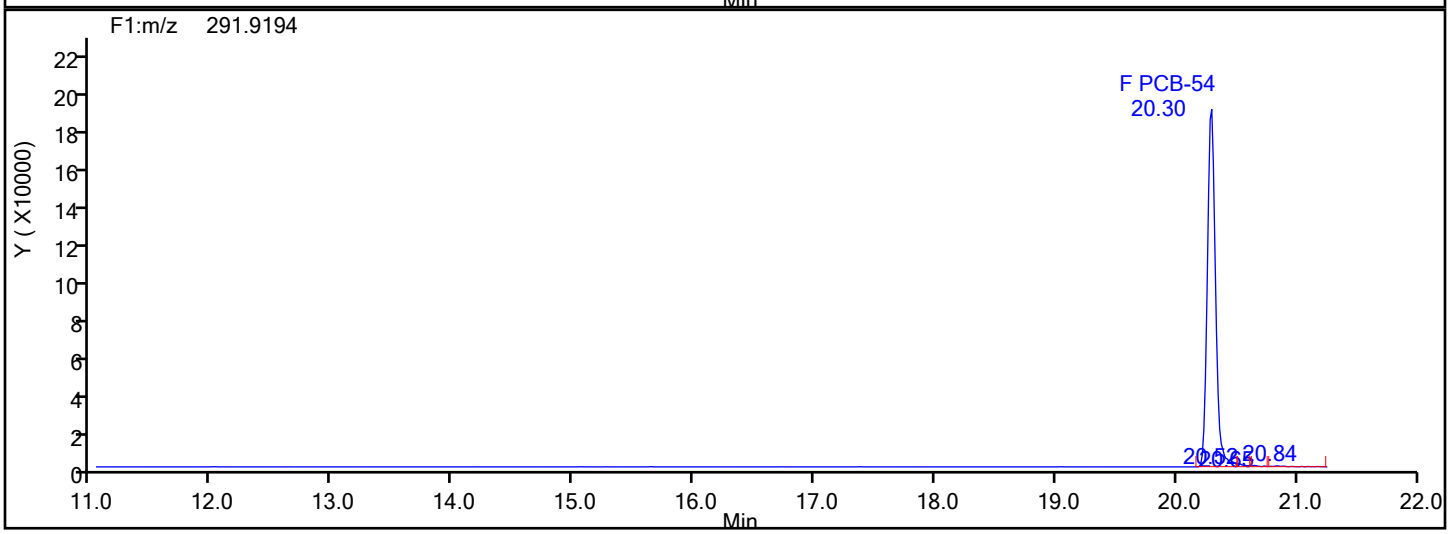
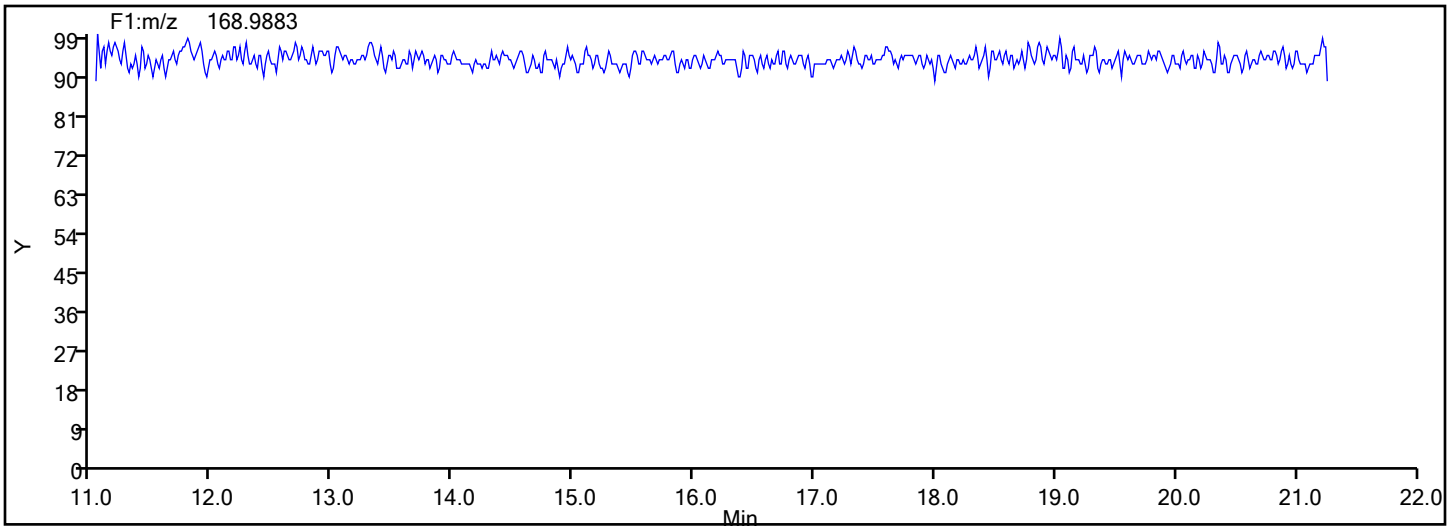
Client ID:
Worklist#: 82009 Sample Line#: 1
Column Type: Column Dia:

TePCB F1





TePCB F1 Lock Mass



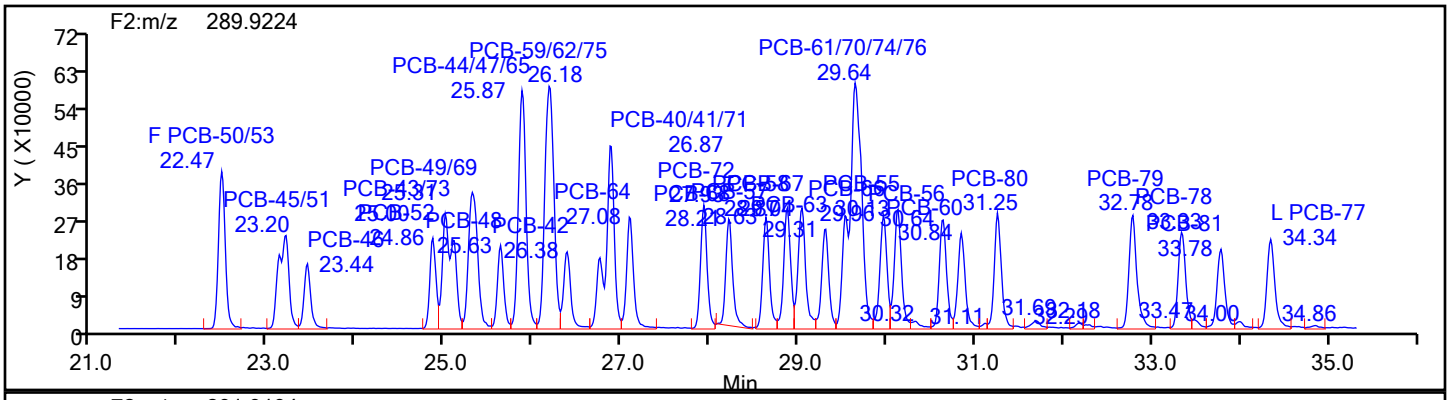
Report Date: 04-Jan-2024 13:55:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

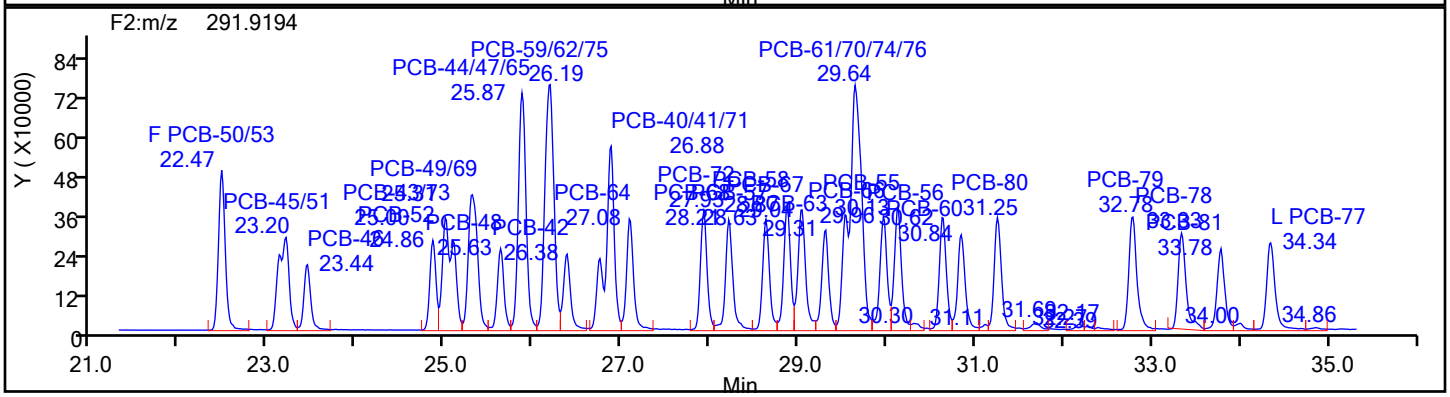
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

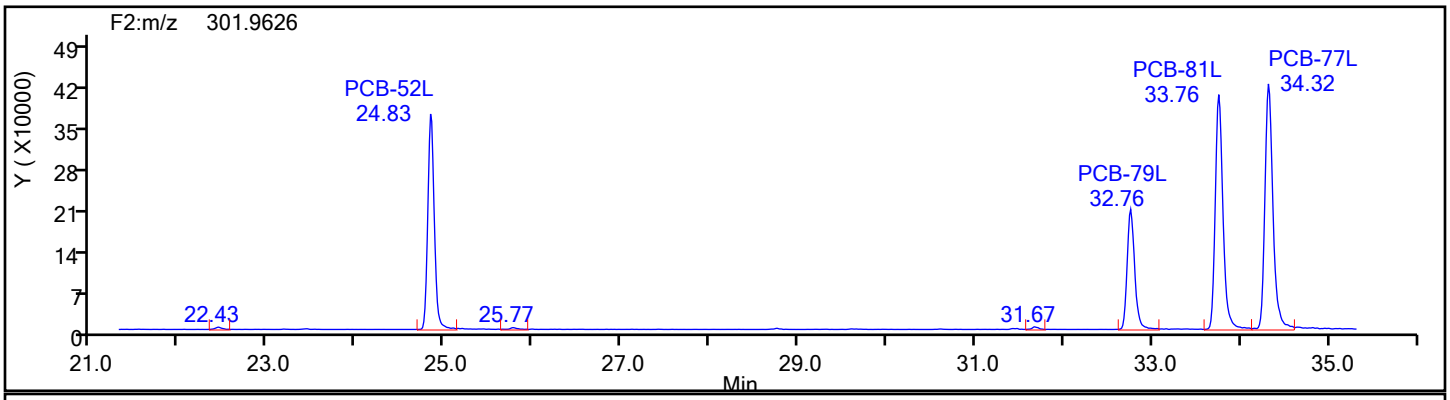
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

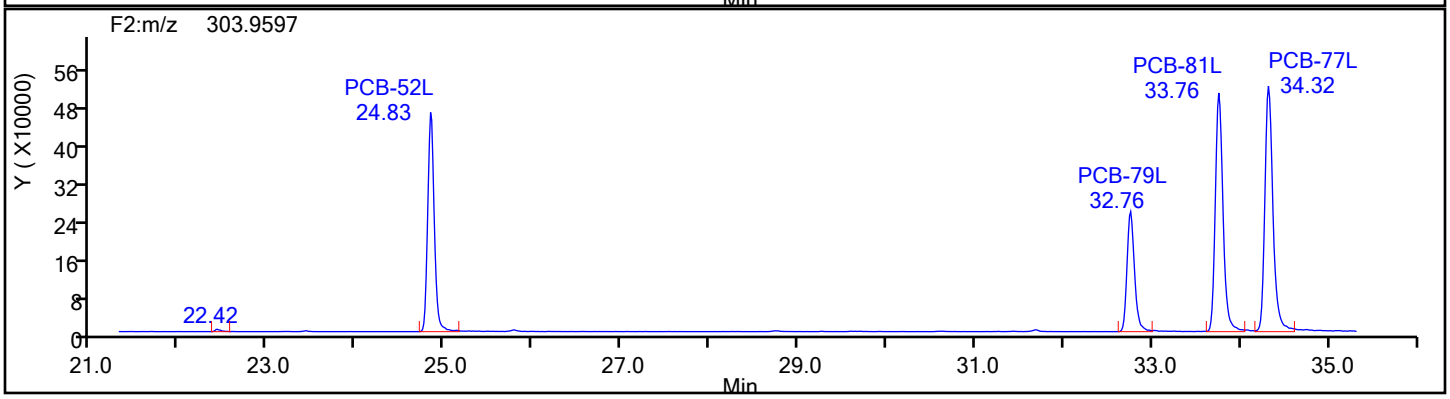
TePCB F2





TePCB F2 Standards





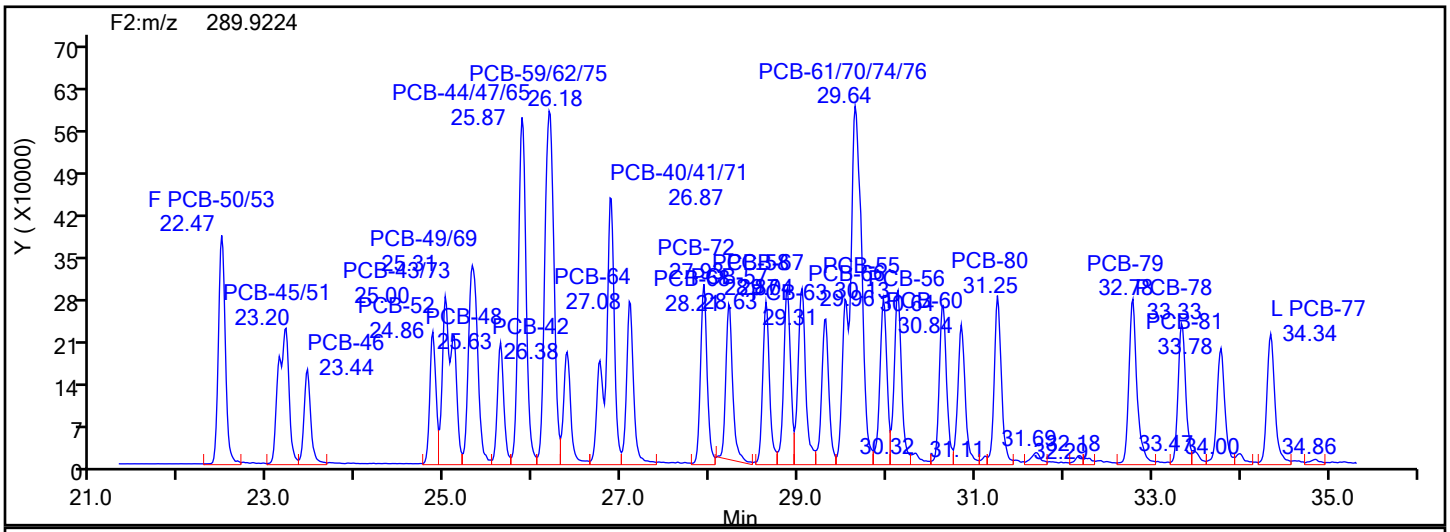
Report Date: 04-Jan-2024 13:55:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

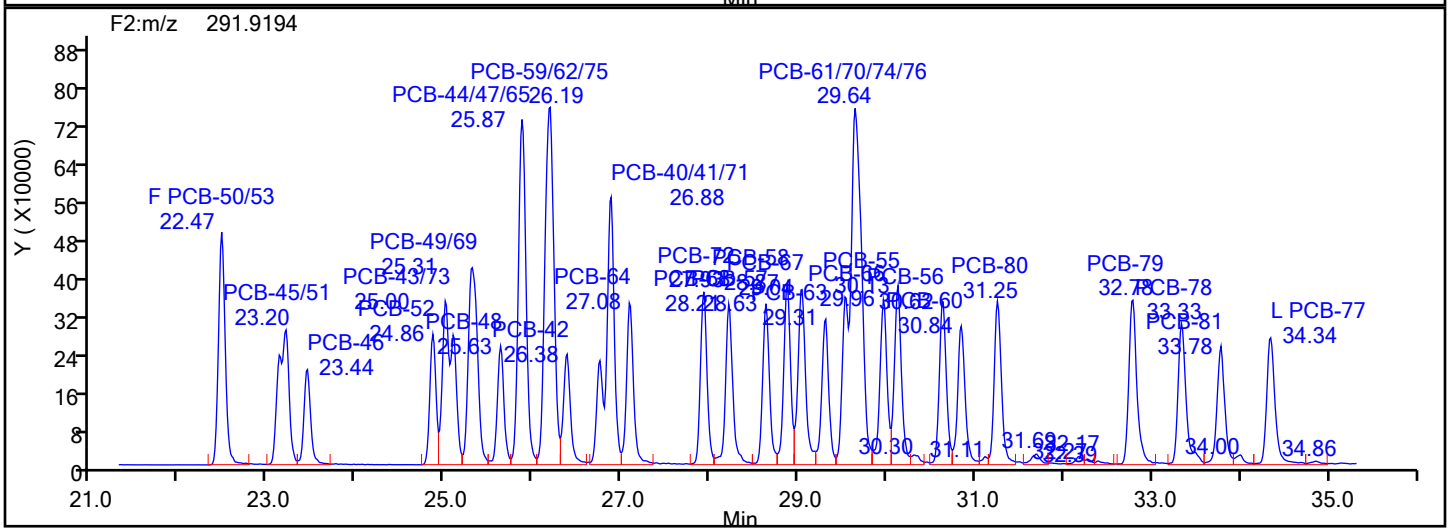
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

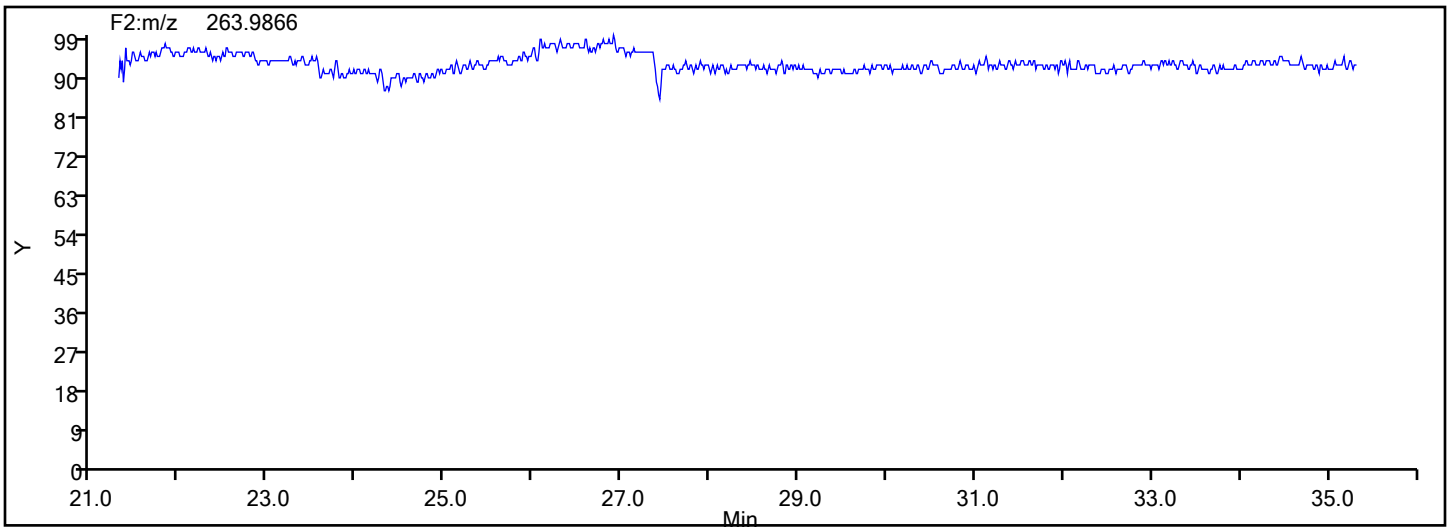
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



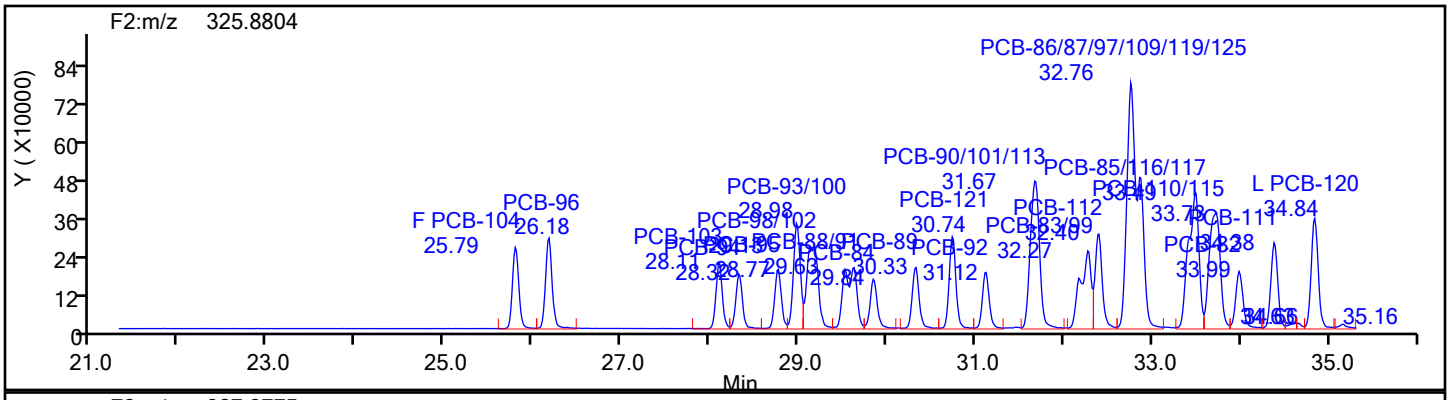
Report Date: 04-Jan-2024 13:55:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

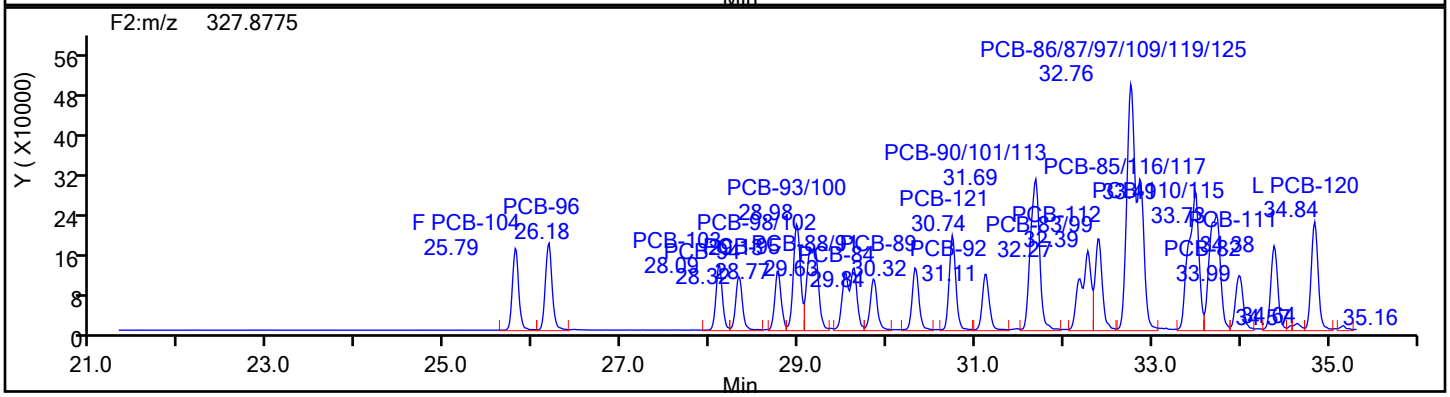
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

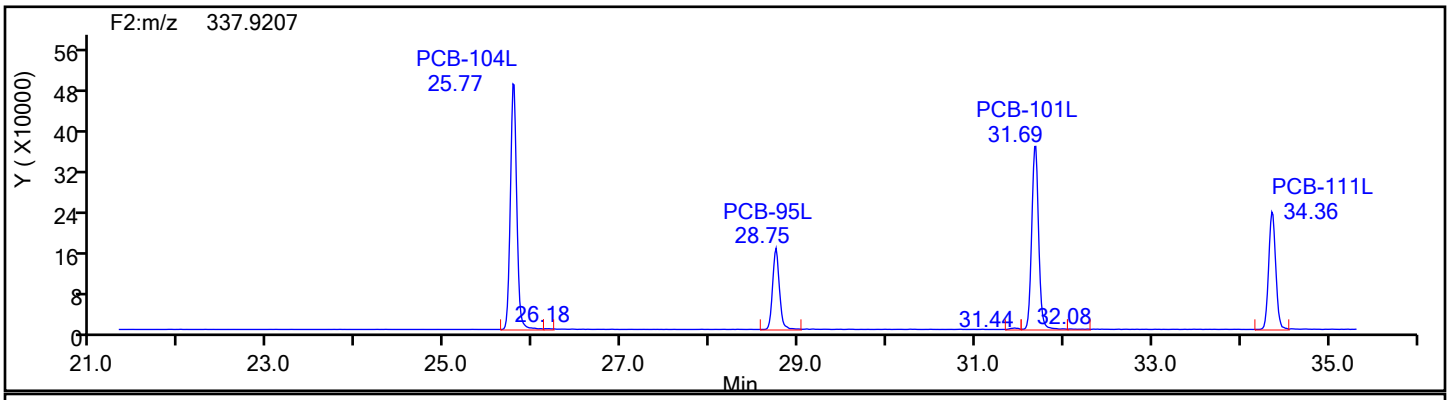
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

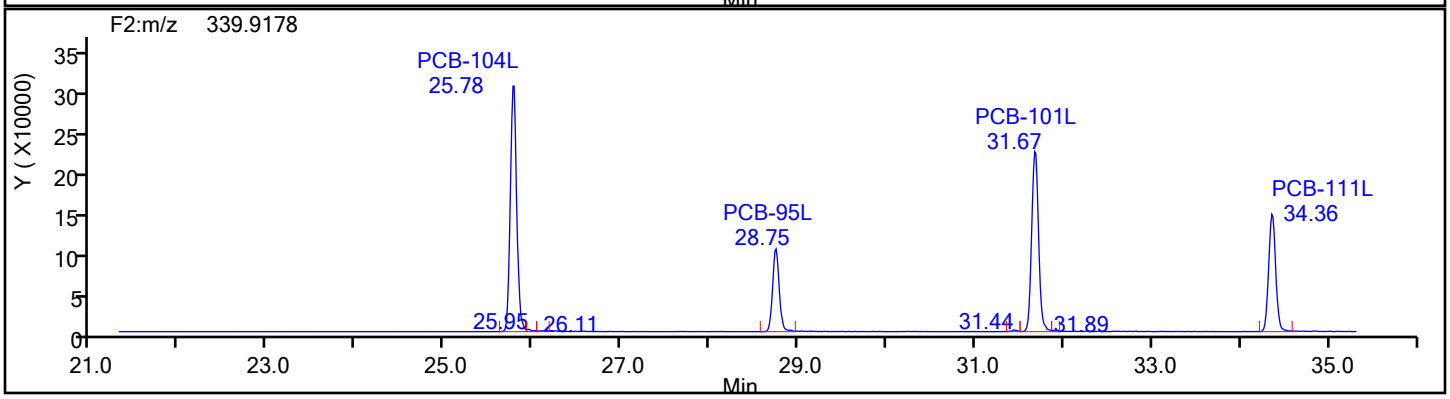
PePCB F2





PePCB F2 Standards



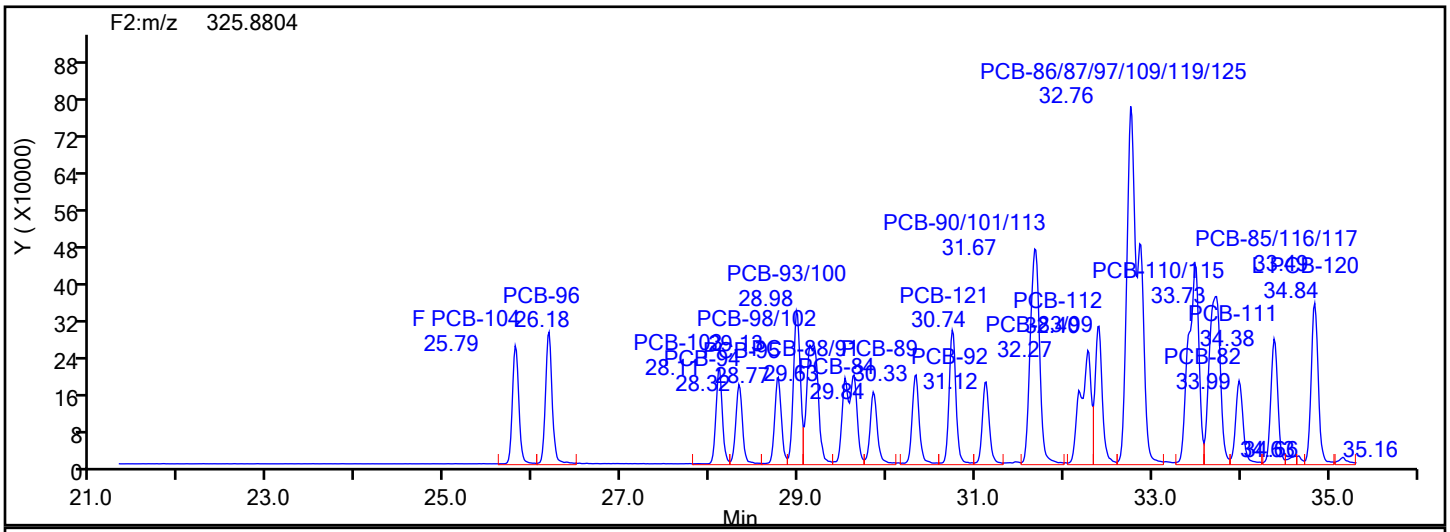


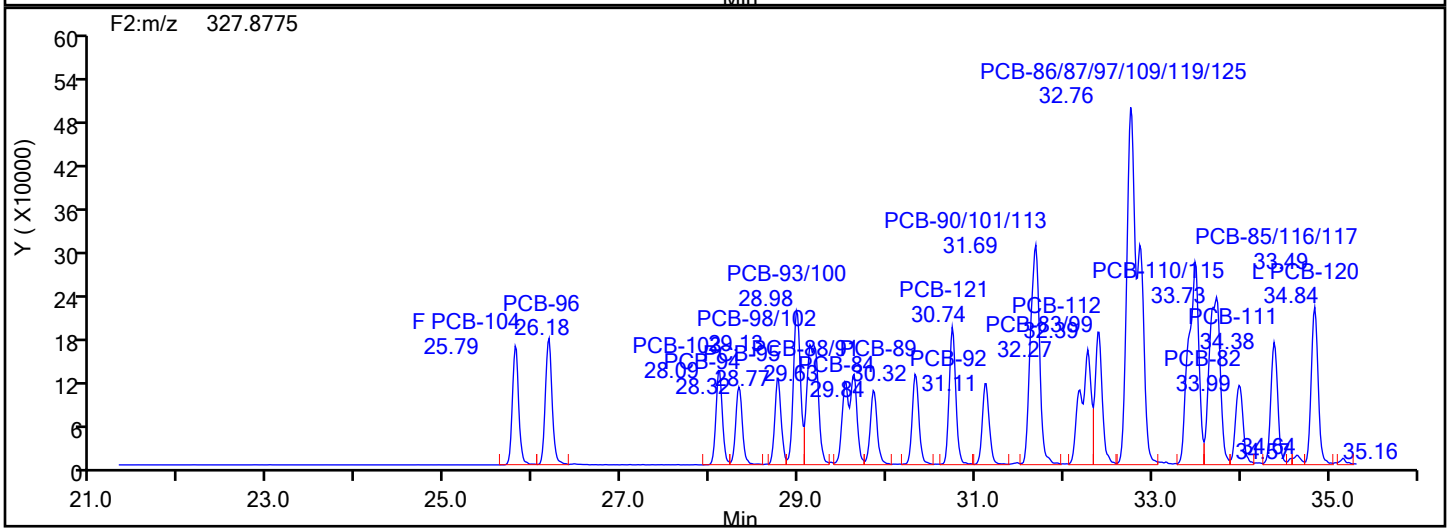
Report Date: 04-Jan-2024 13:55:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

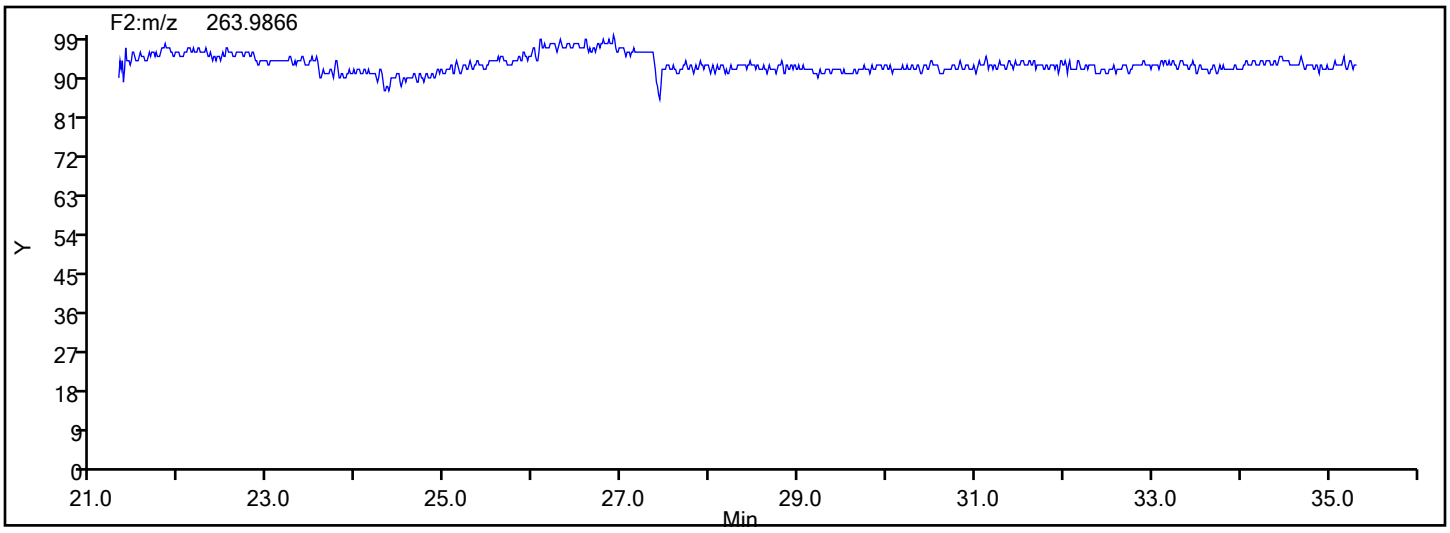
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 82009 Sample Line#: 1
Column Type: Column Dia:

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

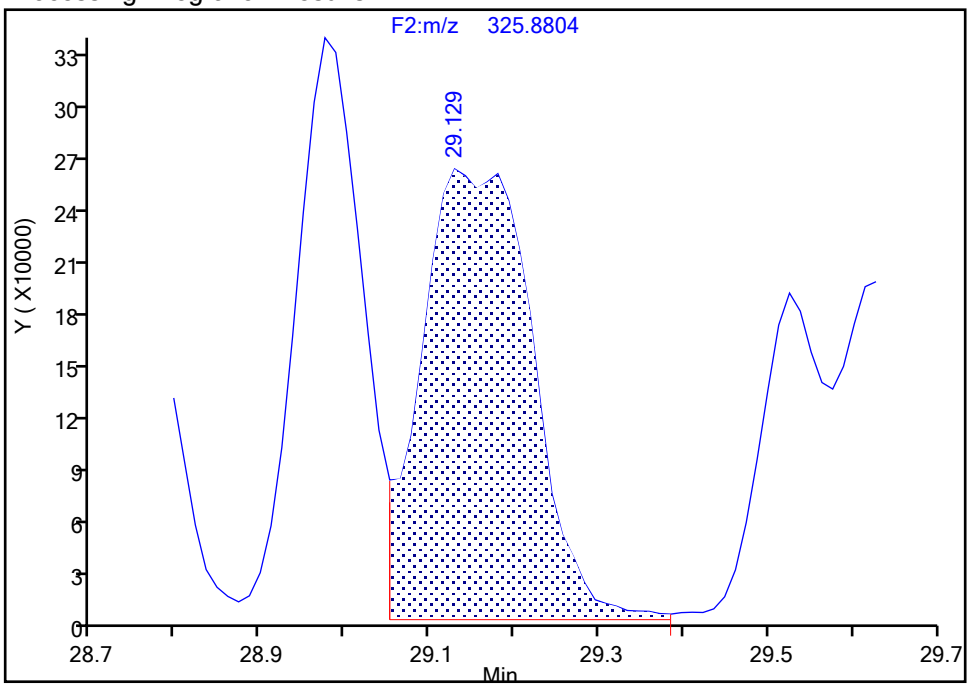
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-98/102, CAS: STL01843

Signal: 1

Processing Integration Results

RT: 29.13
Area: 2350679
Amount: 81.843421
Amount Units: pg/ul



Manual Integration Results

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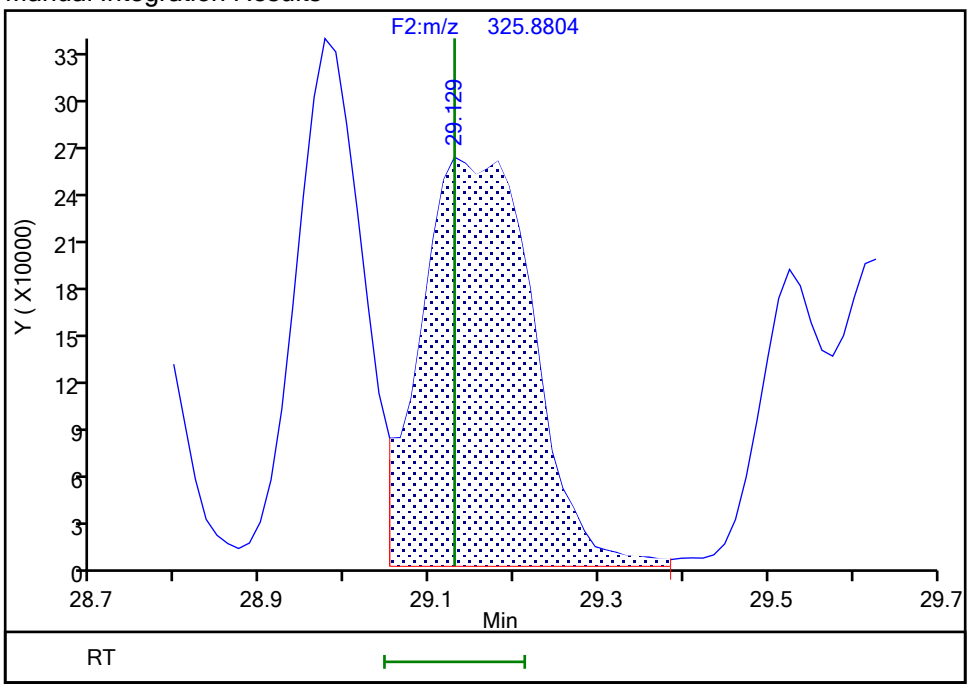
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:35:26 -05:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

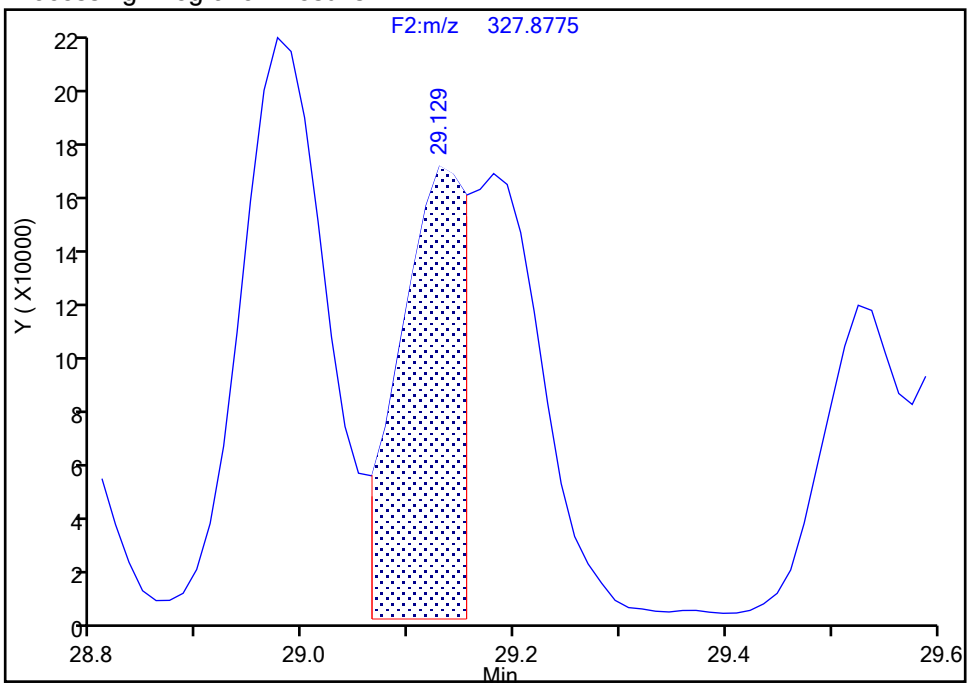
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d				
Injection Date:	04-Jan-2024 11:14:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-98/102, CAS: STL01843

Signal: 2

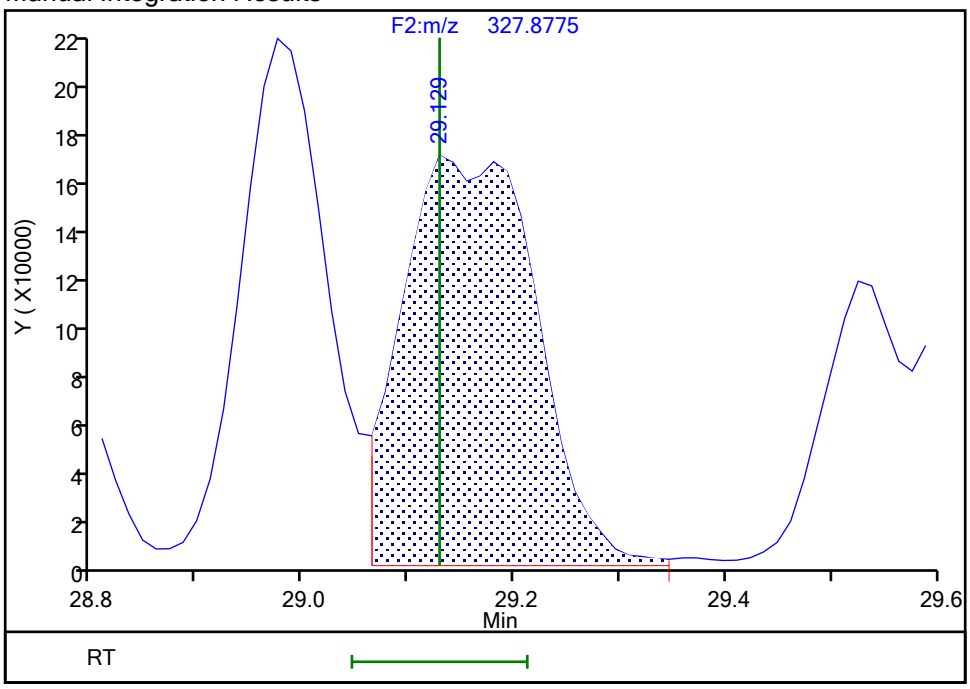
Processing Integration Results

RT: 29.13
Area: 676248
Amount: 81.843421
Amount Units: pg/ul



Manual Integration Results

RT: 29.13
Area: 1453037
Amount: 102.8466
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:35:39 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

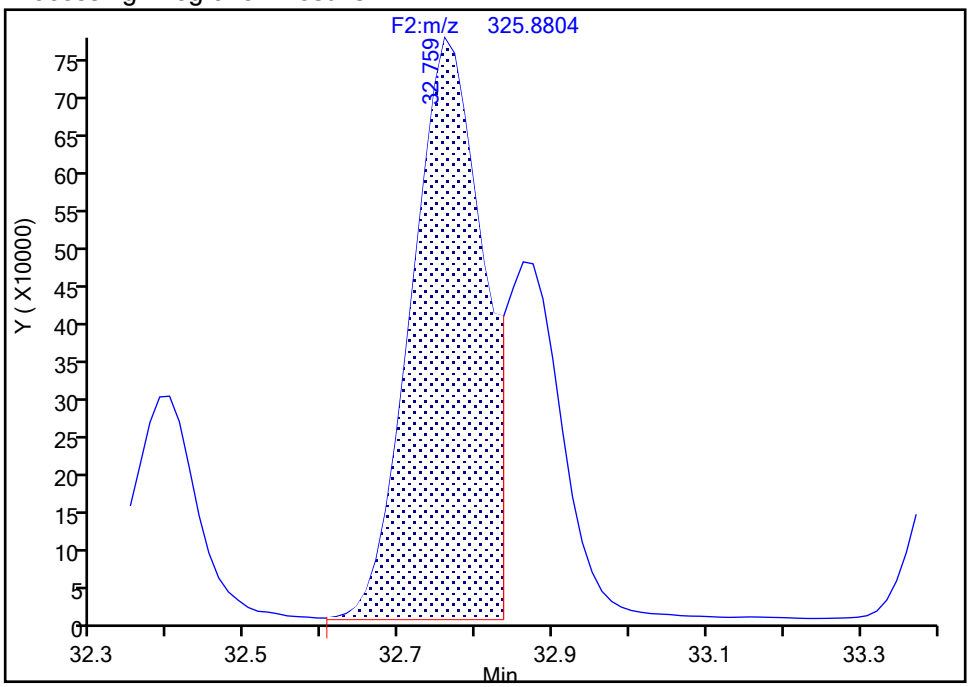
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d				
Injection Date:	04-Jan-2024 11:14:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

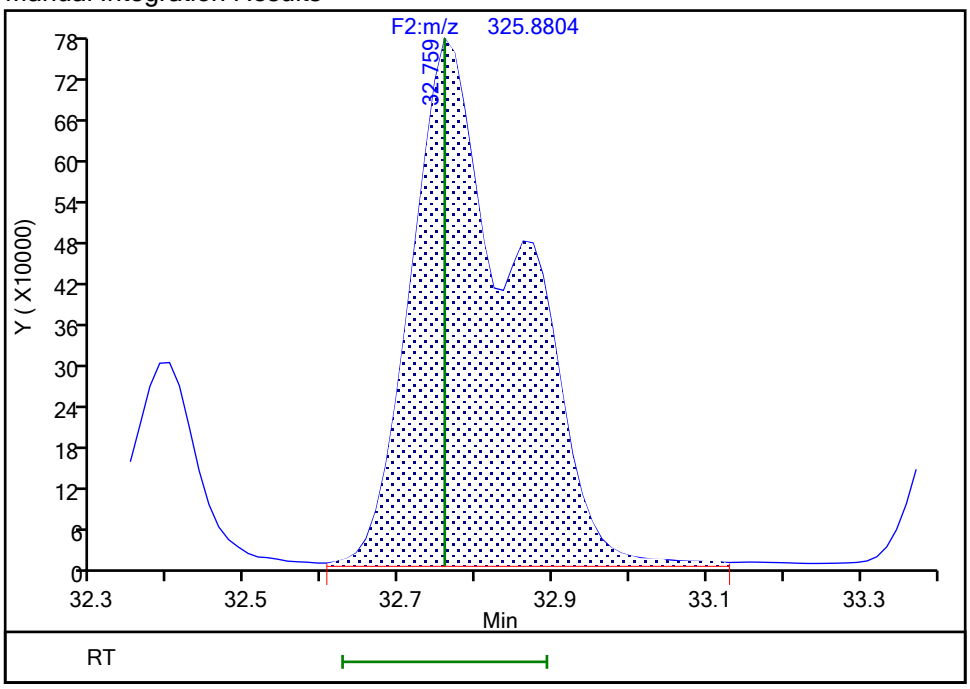
Processing Integration Results

RT: 32.76
Area: 5029054
Amount: 194.0156
Amount Units: pg/ul



Manual Integration Results

RT: 32.76
Area: 7426839
Amount: 292.6816
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:36:02 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d				
Injection Date:	04-Jan-2024 11:14:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

Processing Integration Results

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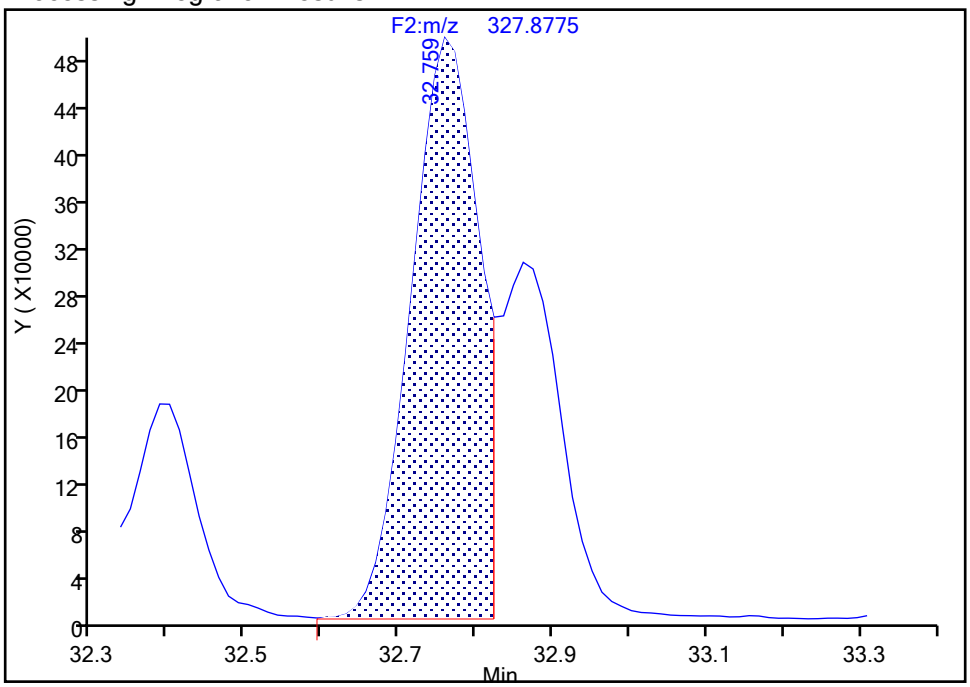
Amount: 194.0156
Amount Units: pg/ul



Manual Integration Results

RT: 32.76
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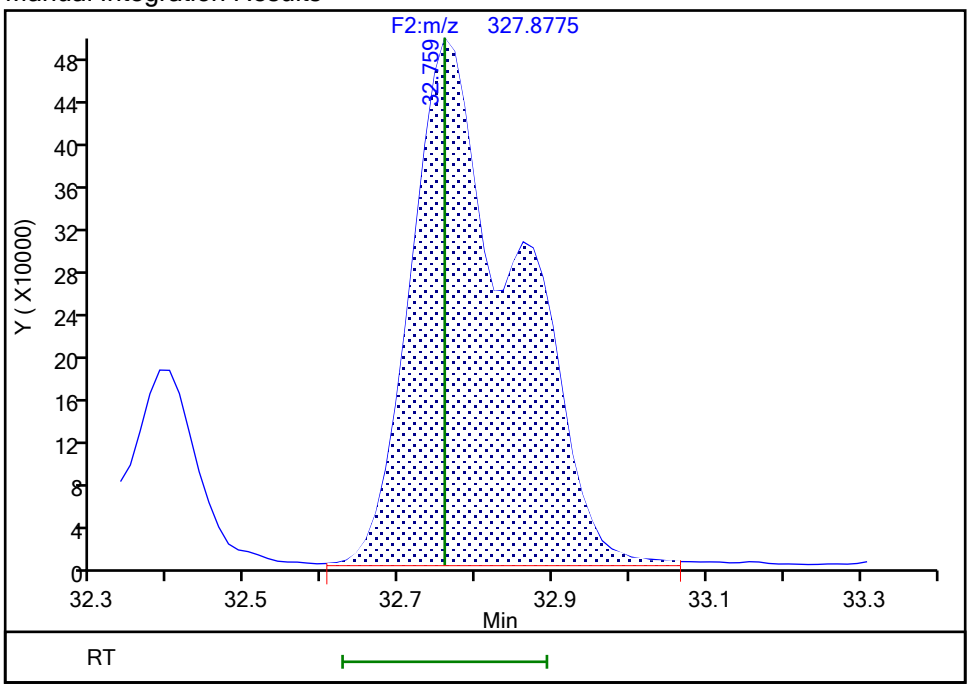
Amount: 292.6816
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:36:08 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Split Peak

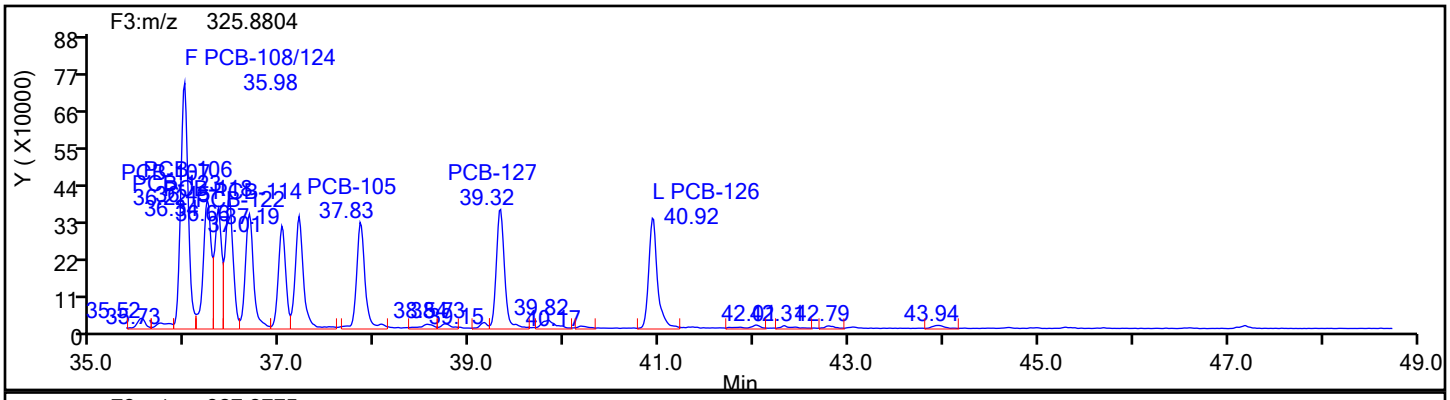
Report Date: 04-Jan-2024 13:55:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

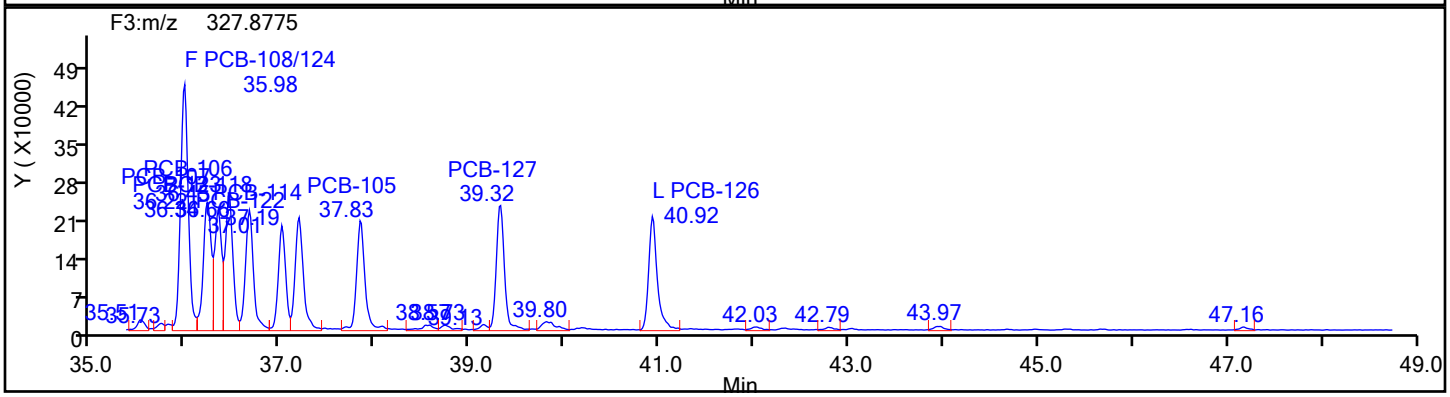
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

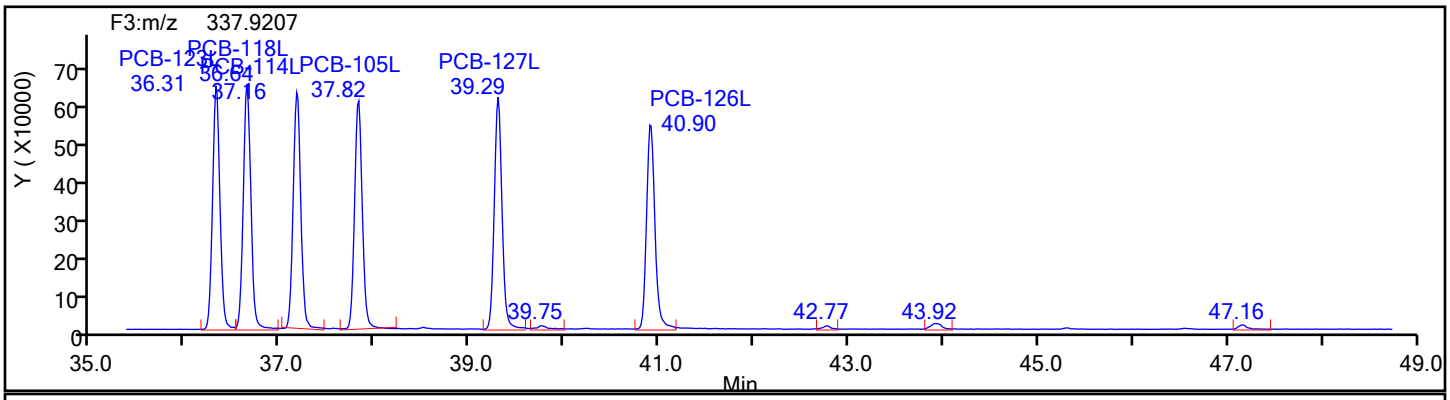
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

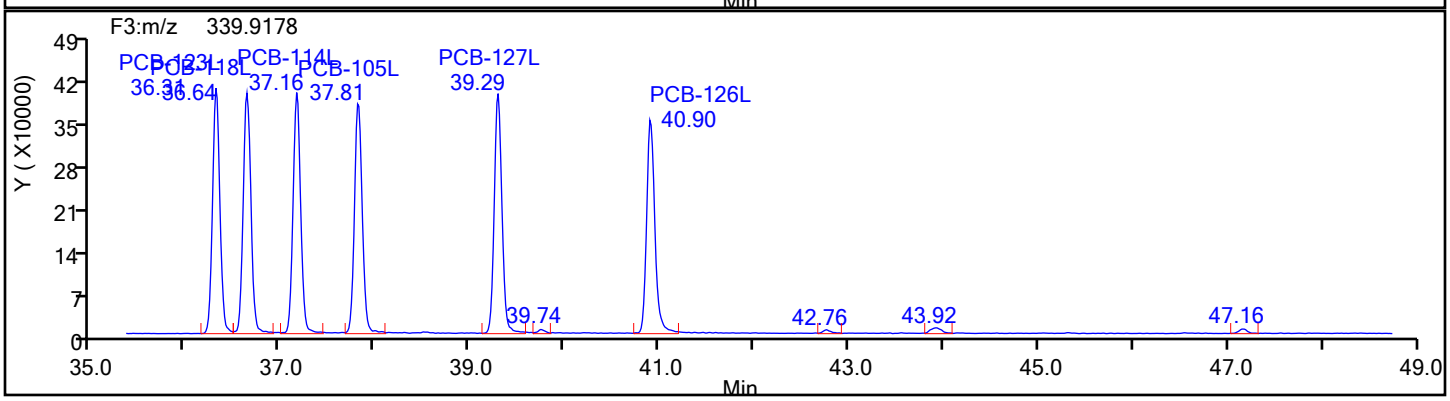
PePCB F3





PePCB F3 Standards



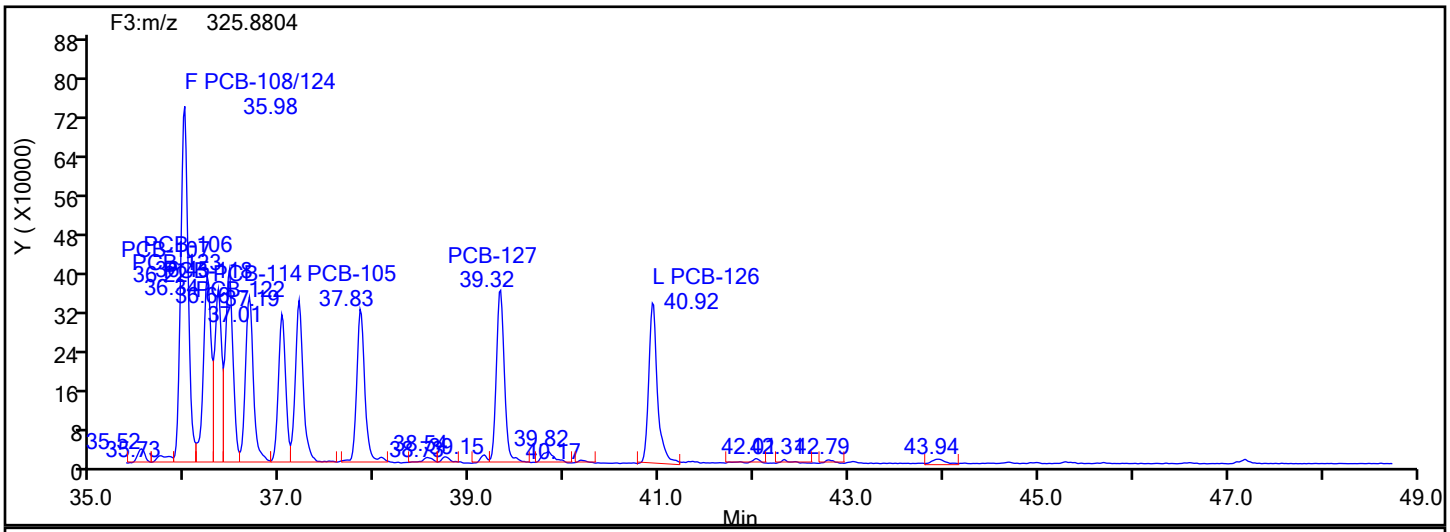


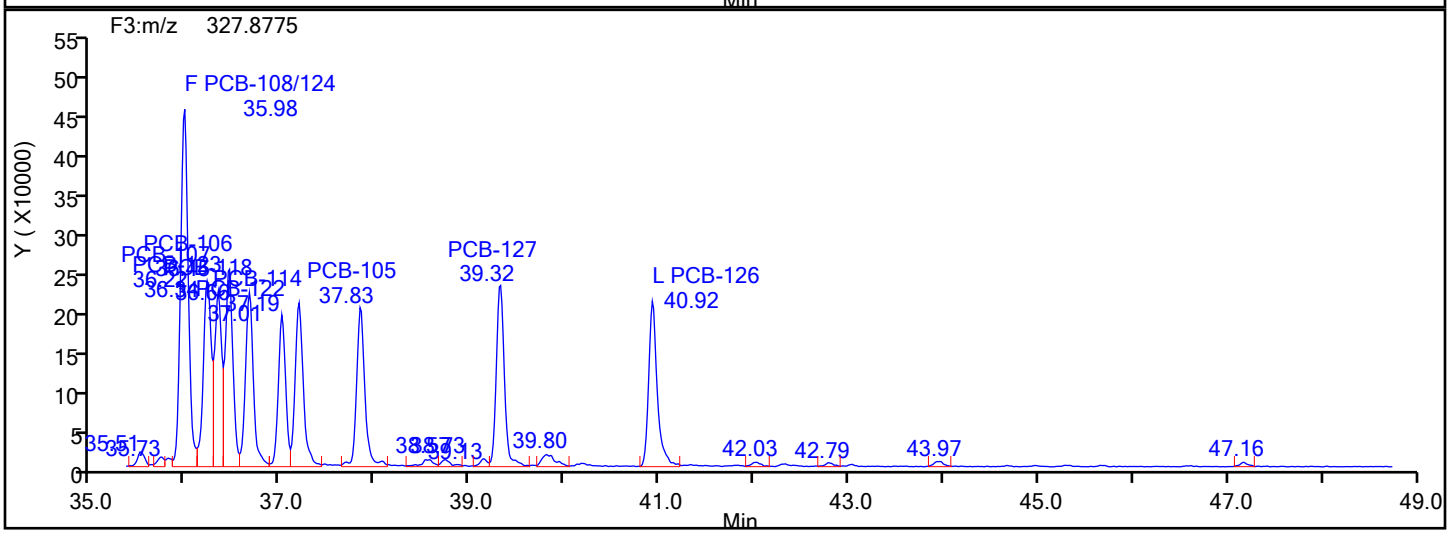
Report Date: 04-Jan-2024 13:55:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

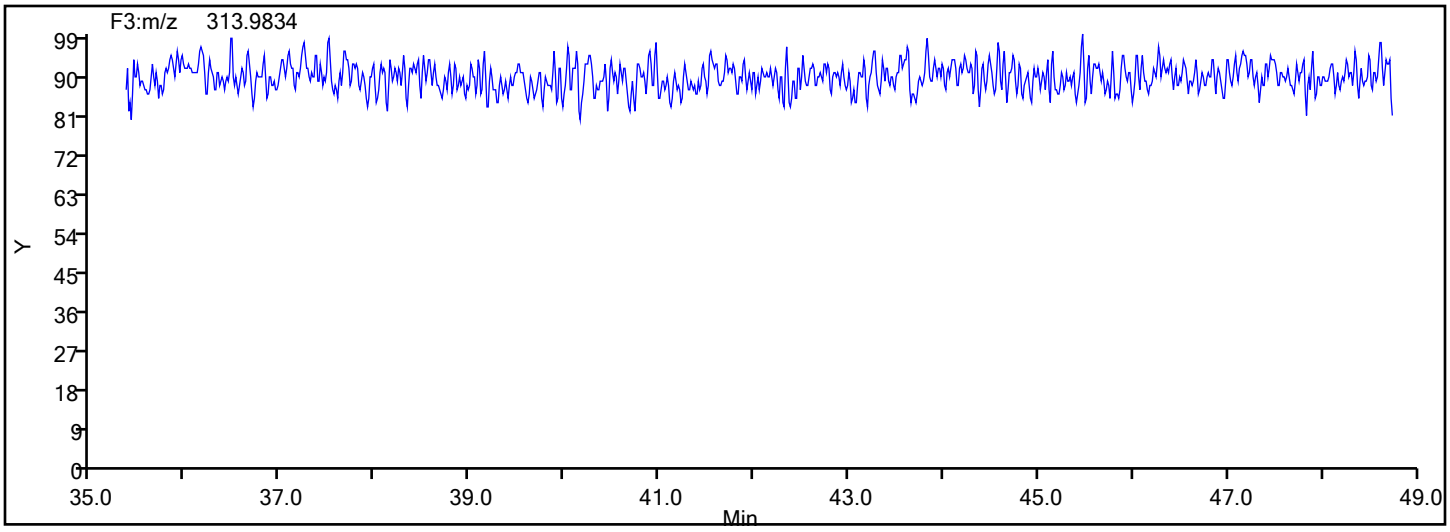
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



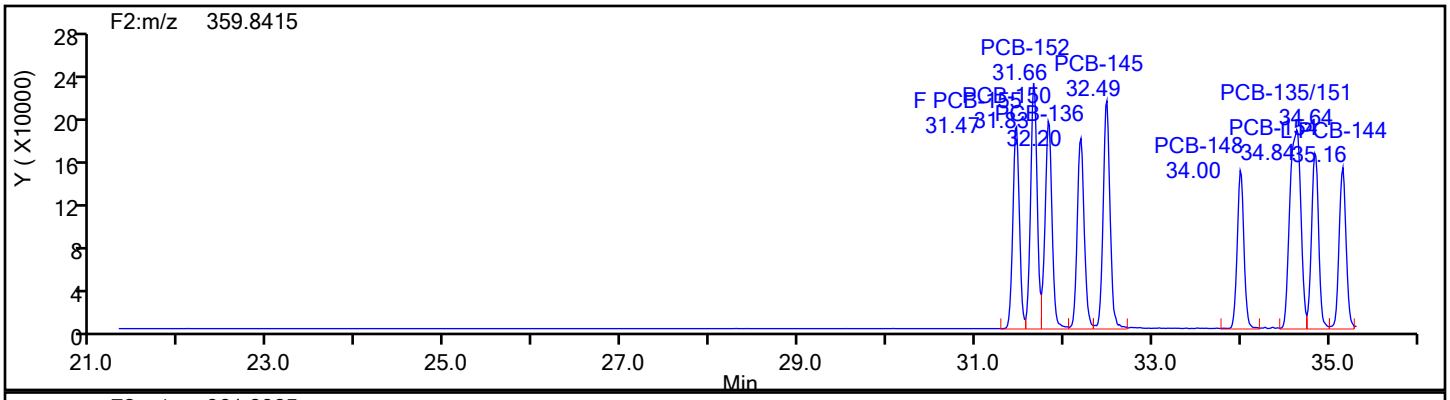
Report Date: 04-Jan-2024 13:55:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

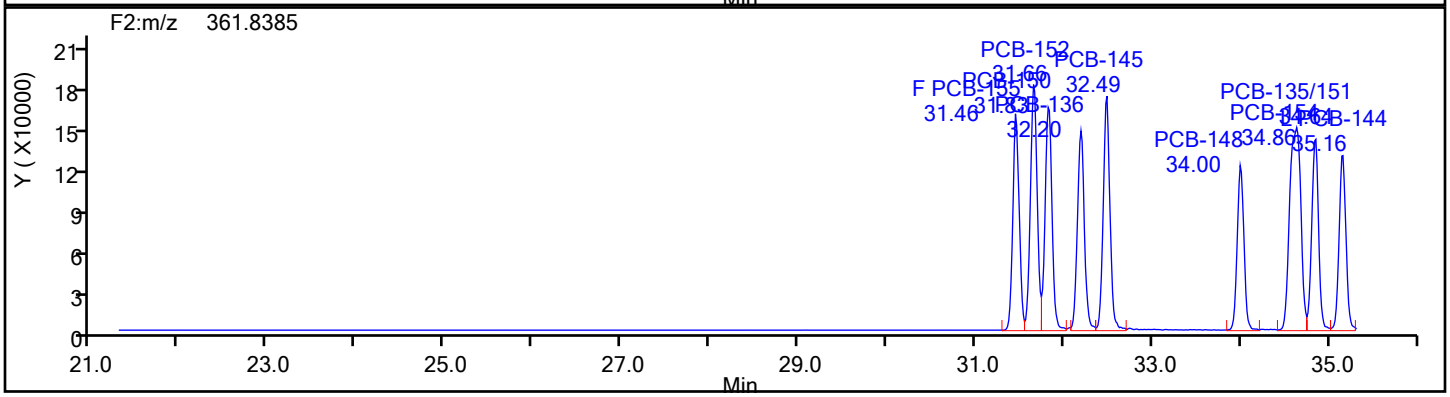
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

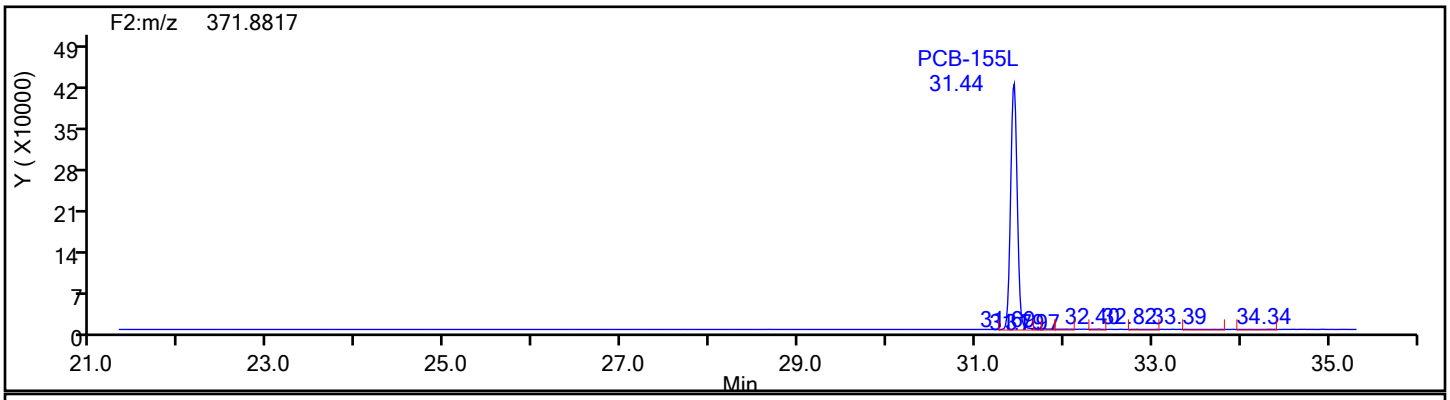
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

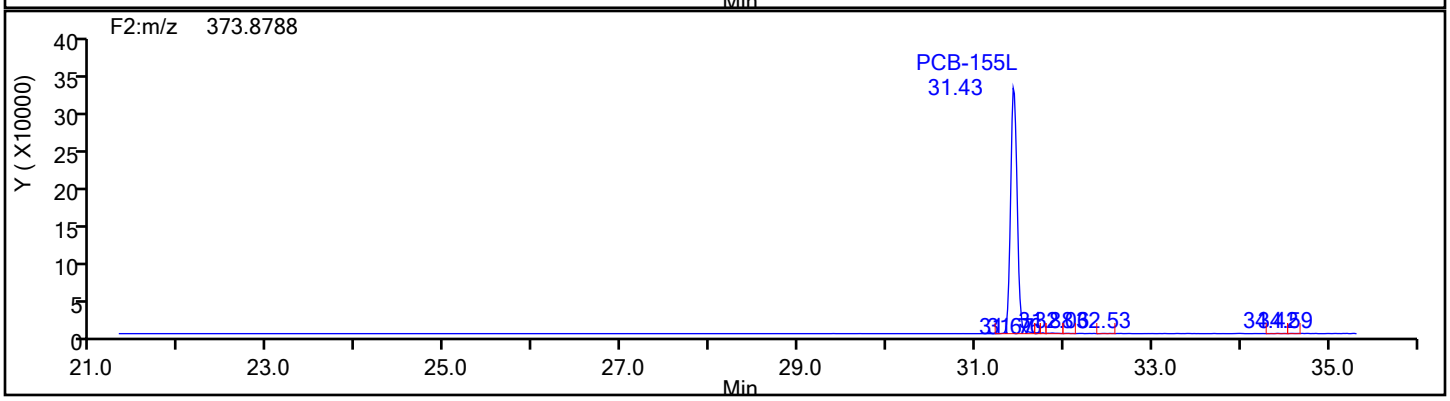
HxPCB F2





HxPCB F2 Standards



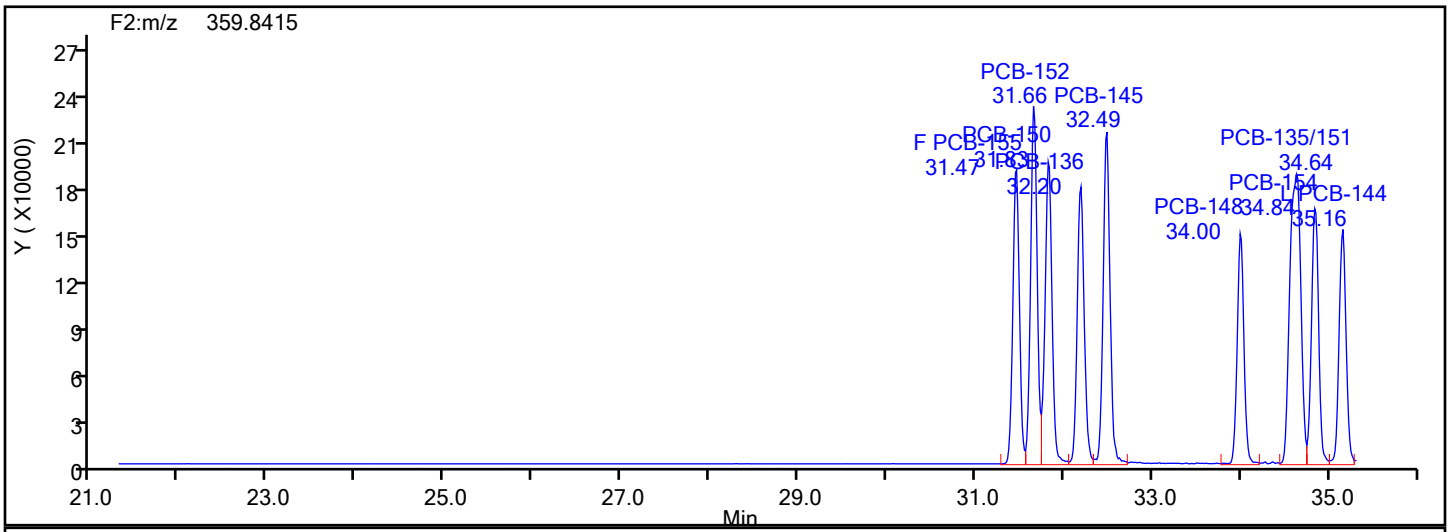


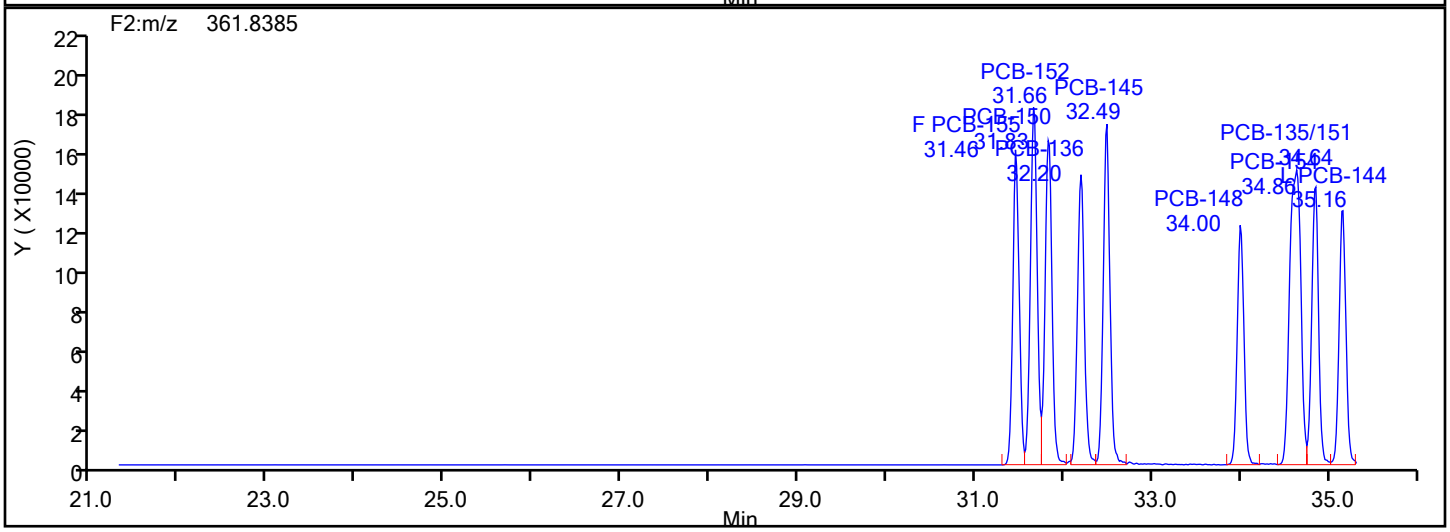
Report Date: 04-Jan-2024 13:55:34 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

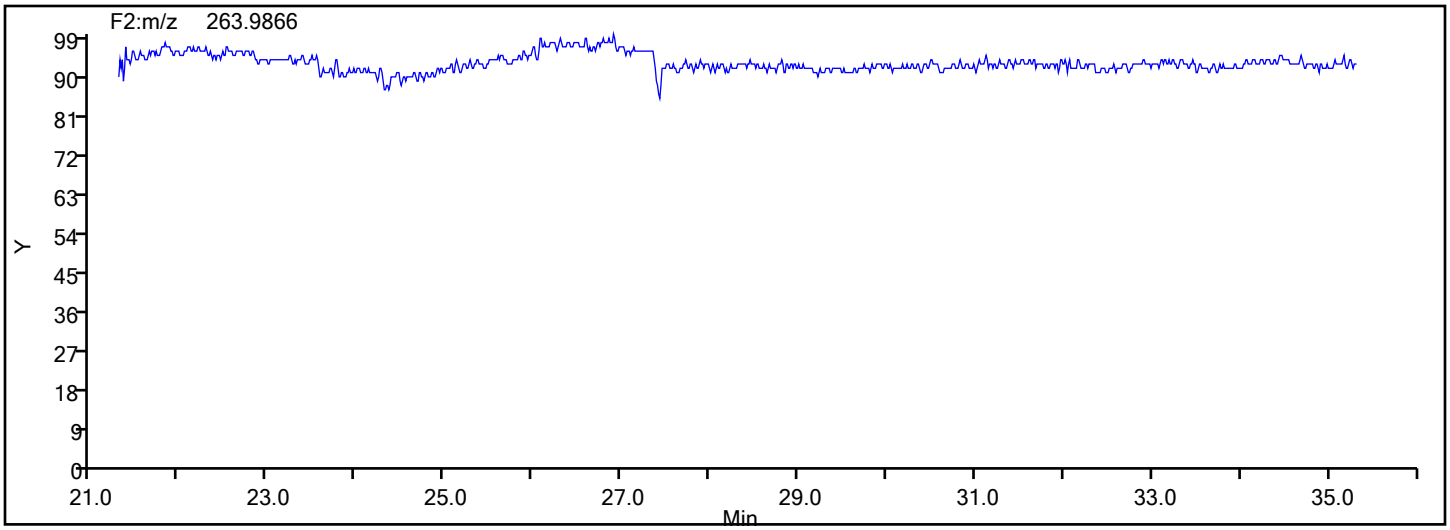
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



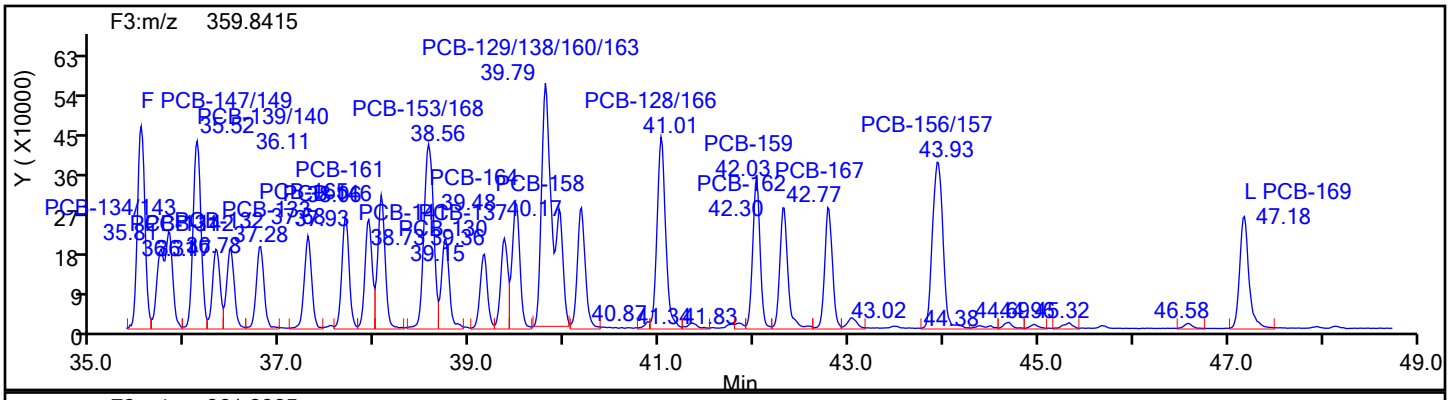
Report Date: 04-Jan-2024 13:55:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

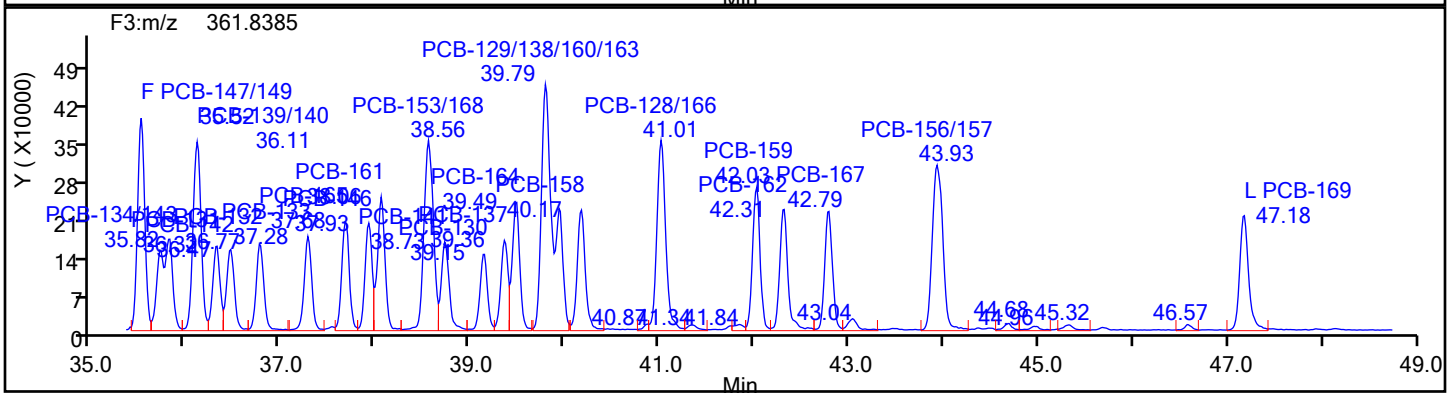
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

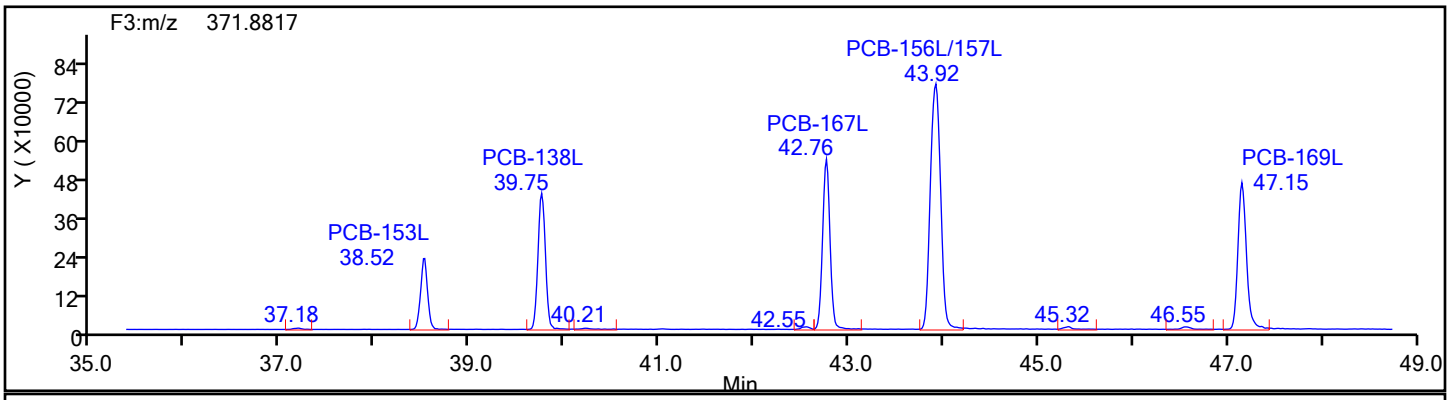
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

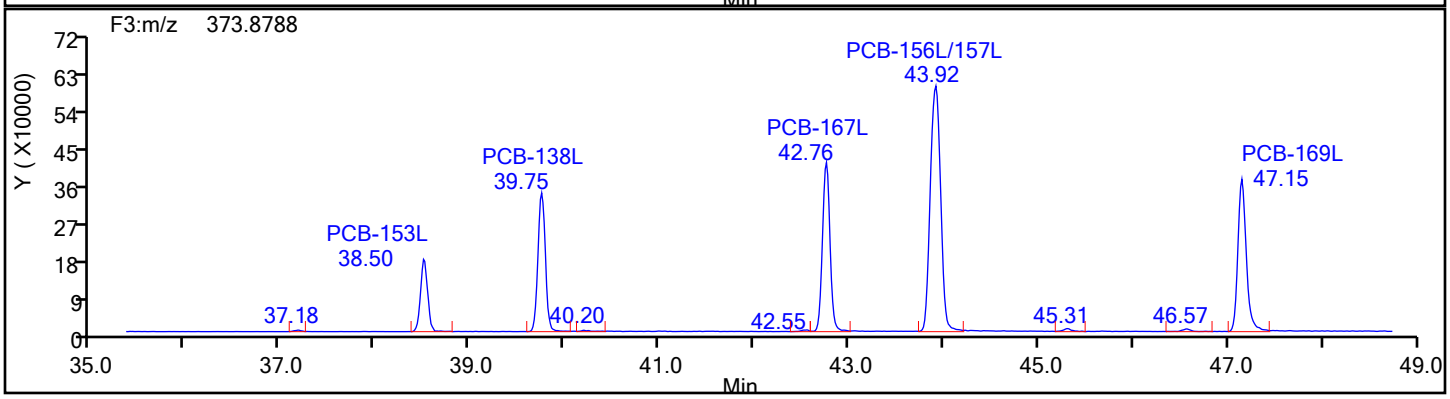
HxPCB F3





HxPCB F3 Standards



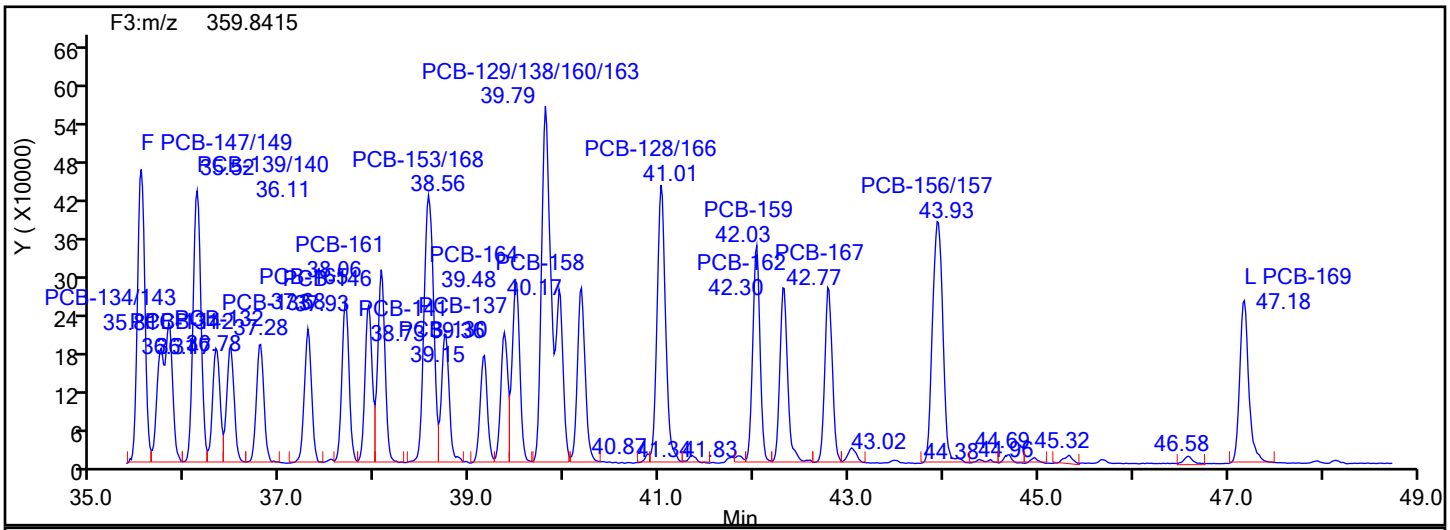


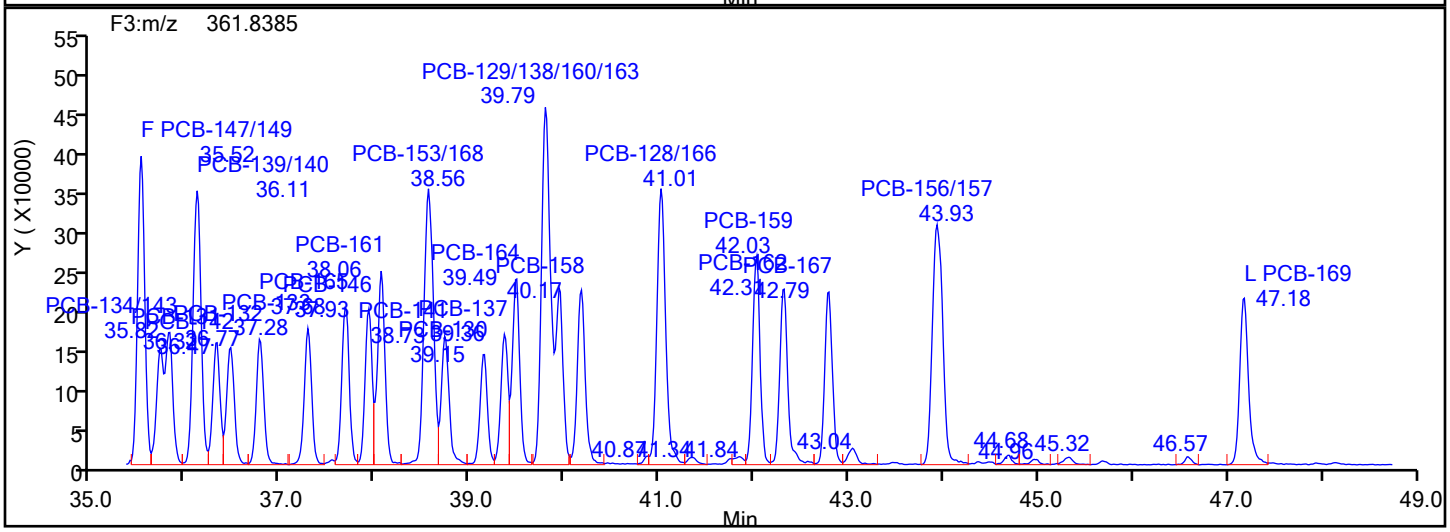
Report Date: 04-Jan-2024 13:55:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

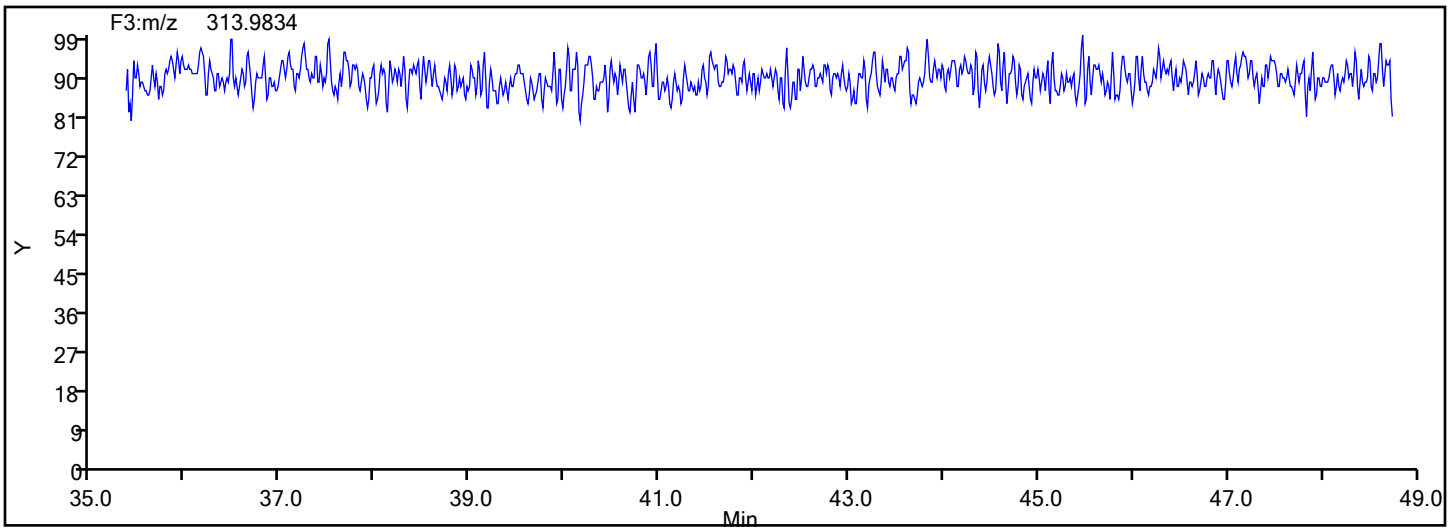
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

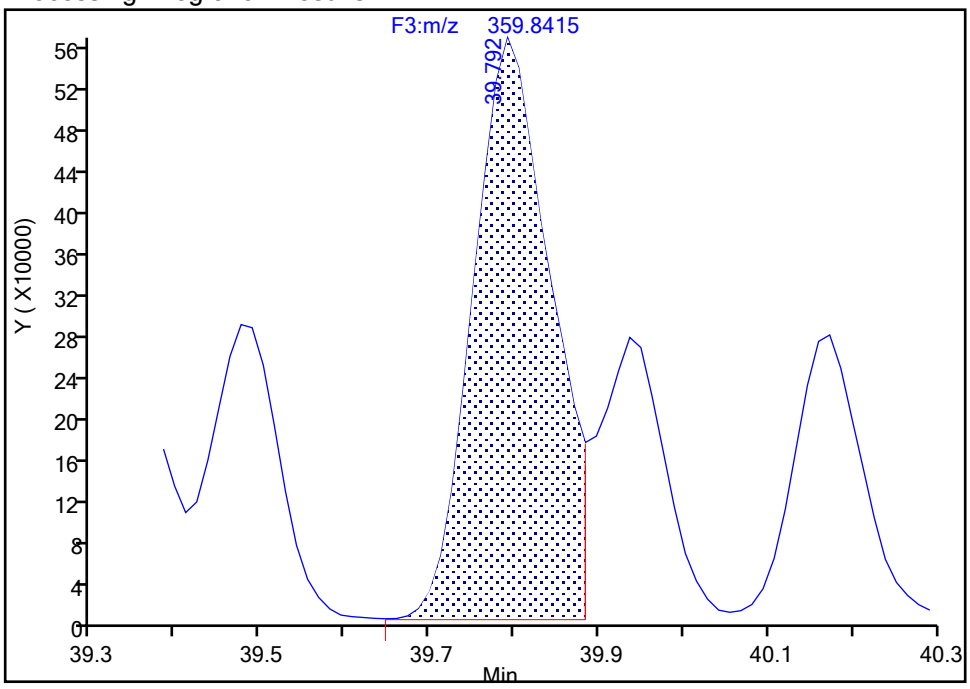
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d				
Injection Date:	04-Jan-2024 11:14:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-129/138/160/163, CAS: STL02296

Signal: 1

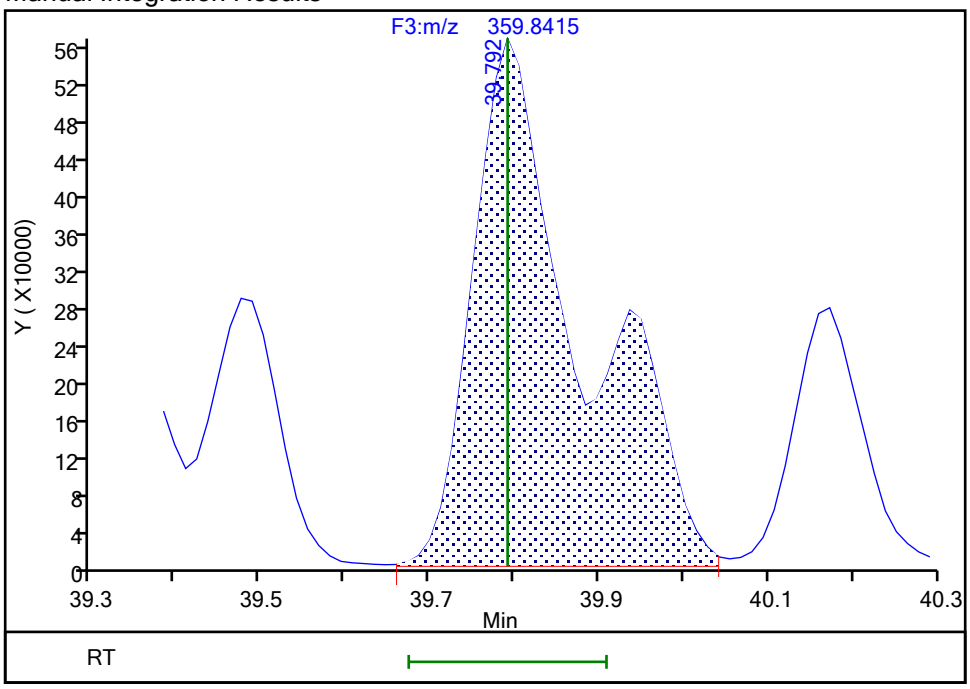
Processing Integration Results

RT: 39.79
Area: 3600015
Amount: 141.3701
Amount Units: pg/ul



Manual Integration Results

RT: 39.79
Area: 5047791
Amount: 198.9981
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:36:36 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

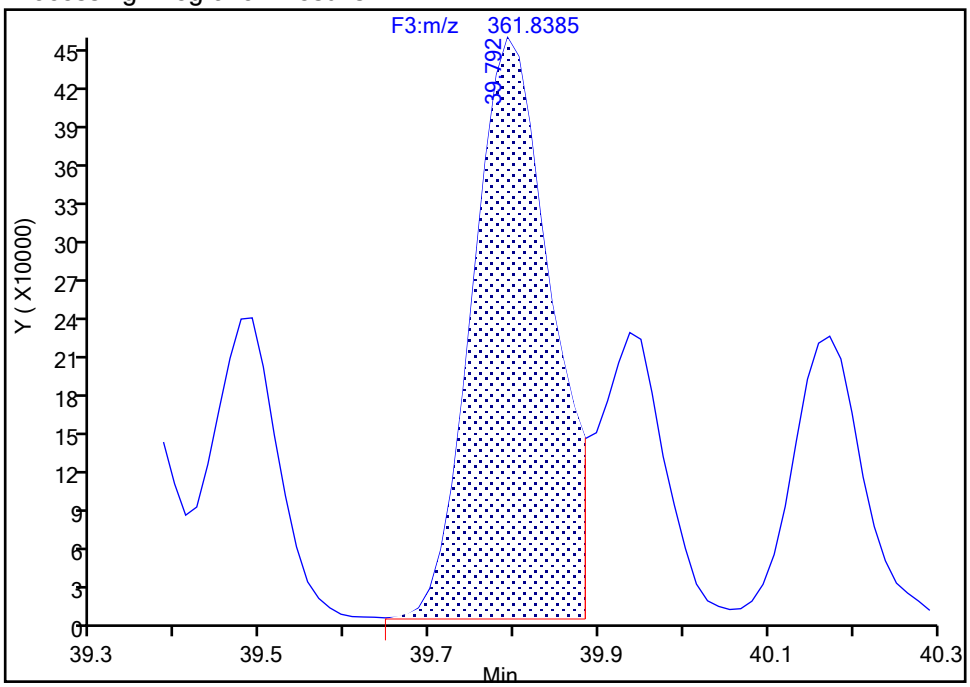
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d				
Injection Date:	04-Jan-2024 11:14:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-129/138/160/163, CAS: STL02296

Signal: 2

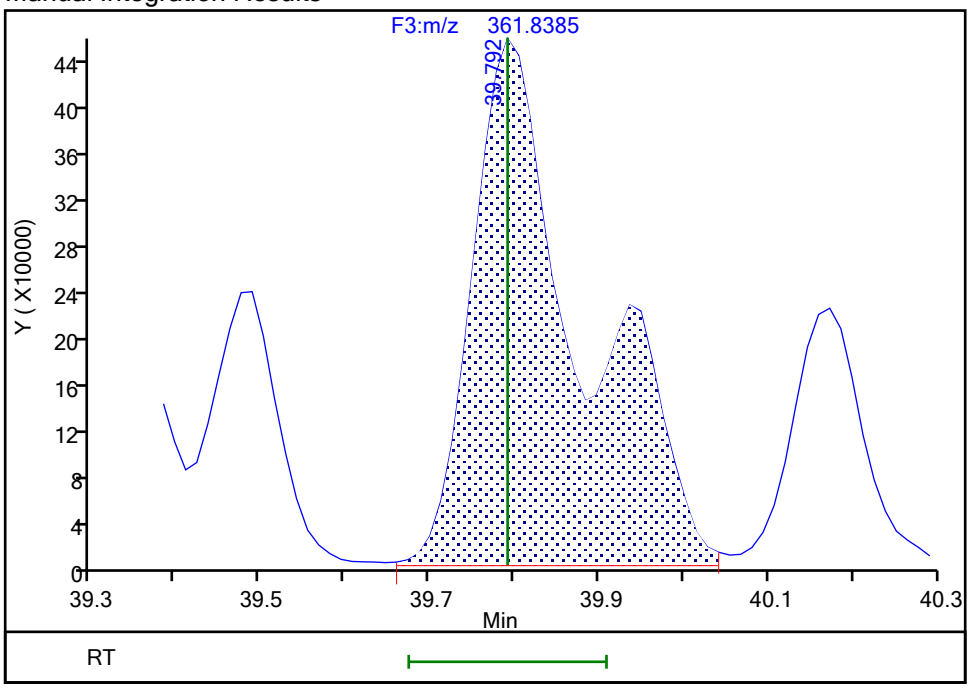
Processing Integration Results

RT: 39.79
Area: 2911713
Amount: 141.3701
Amount Units: pg/ul



Manual Integration Results

RT: 39.79
Area: 4118373
Amount: 198.9981
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:36:42 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

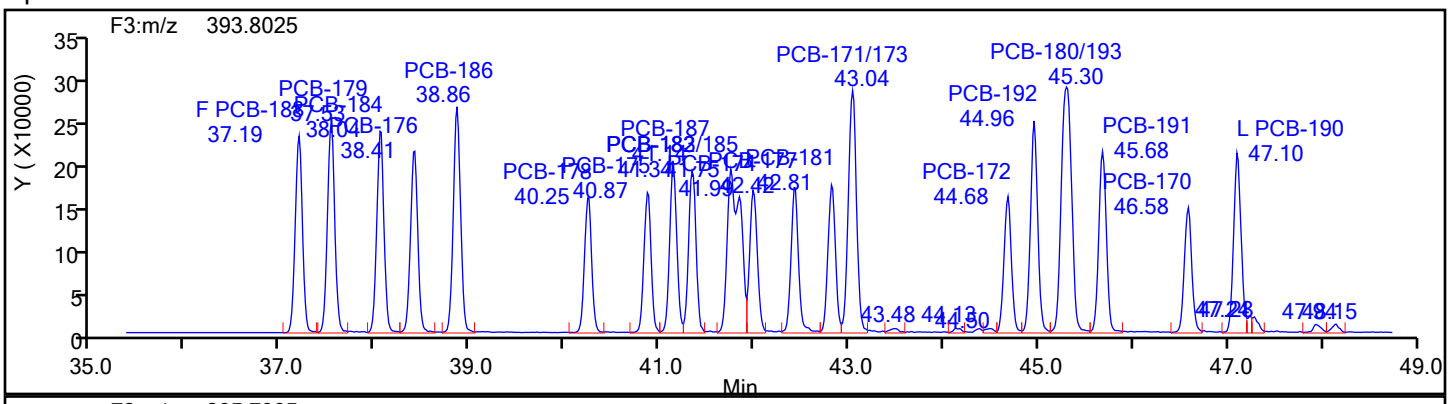
Report Date: 04-Jan-2024 13:55:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

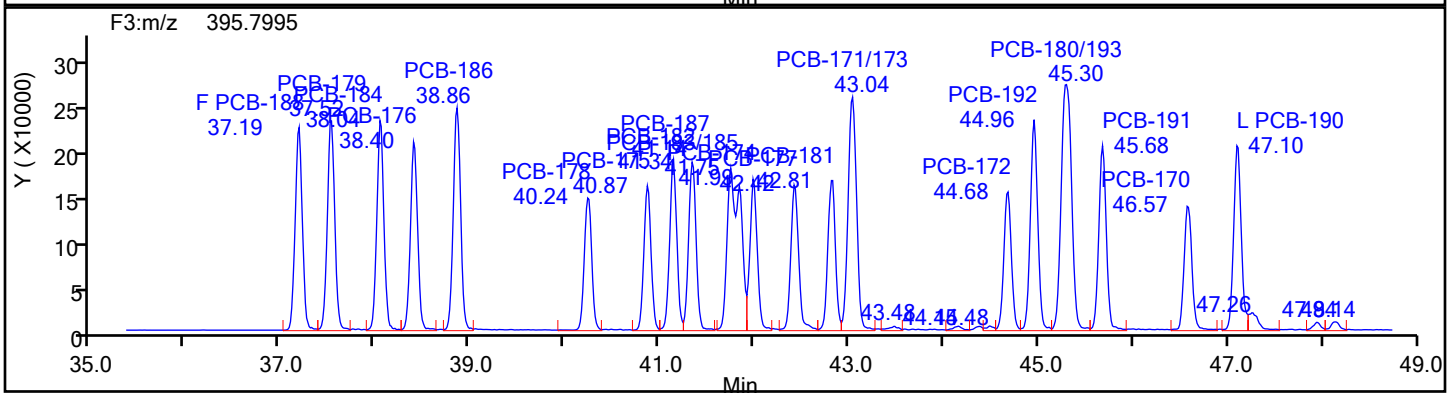
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

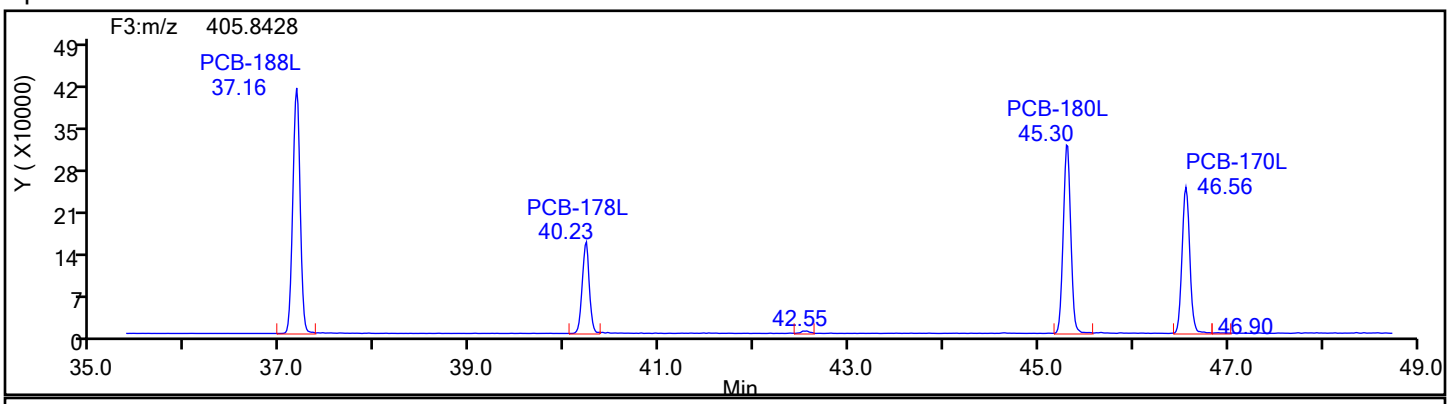
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

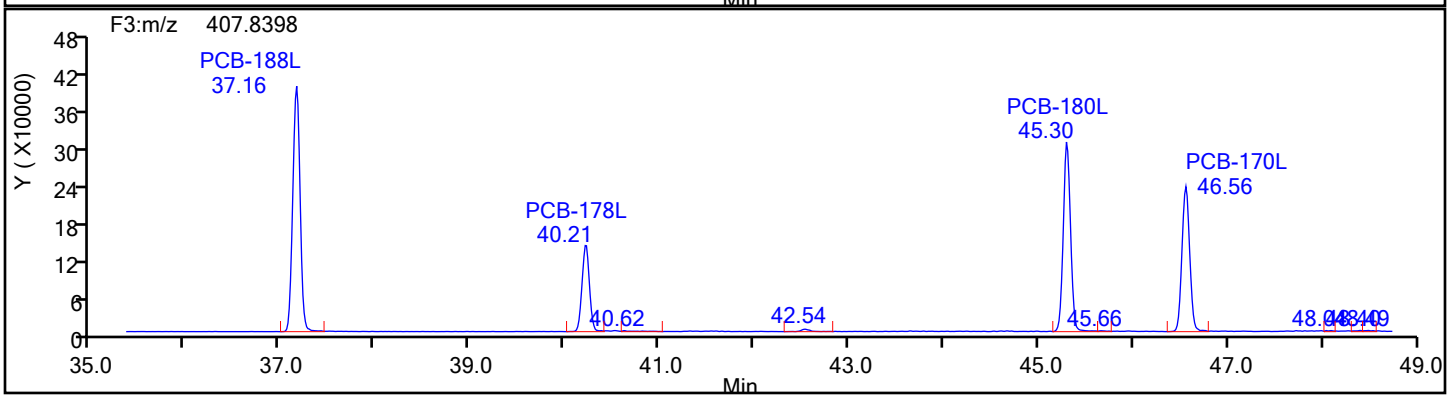
HpPCB F3





HpPCB F3 Standards



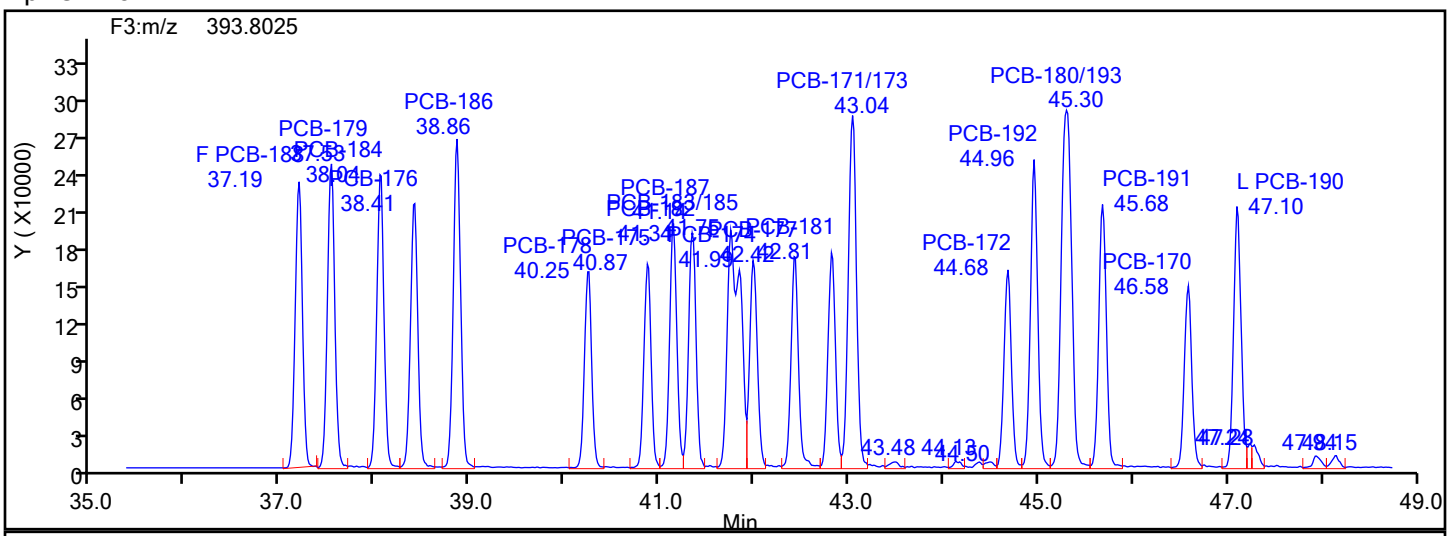


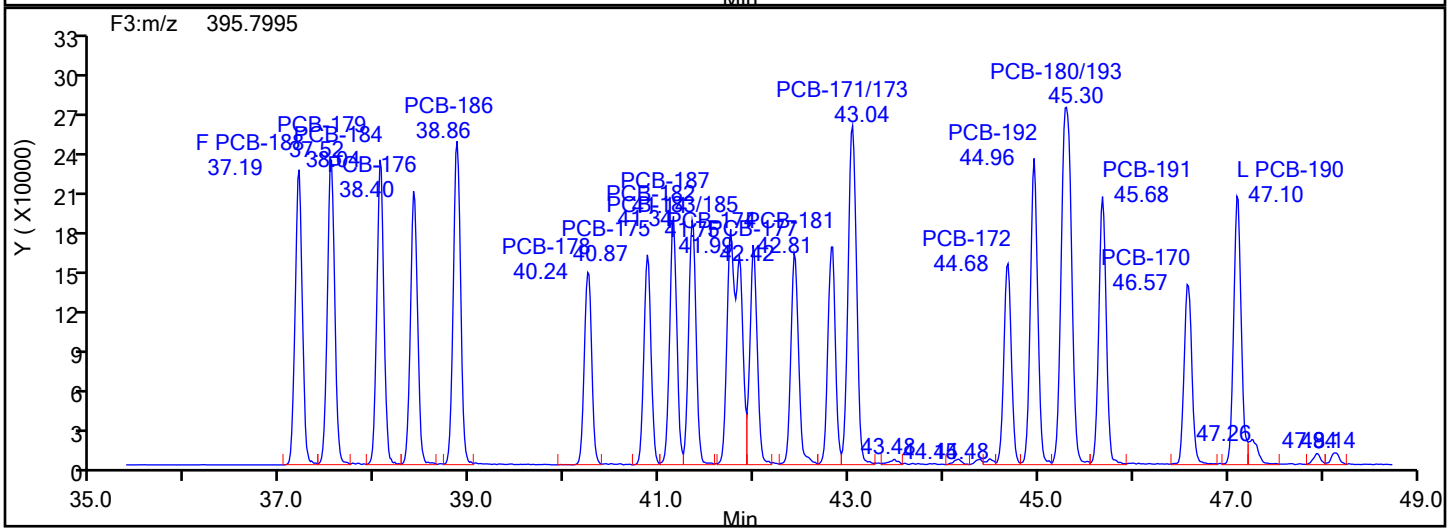
Report Date: 04-Jan-2024 13:55:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

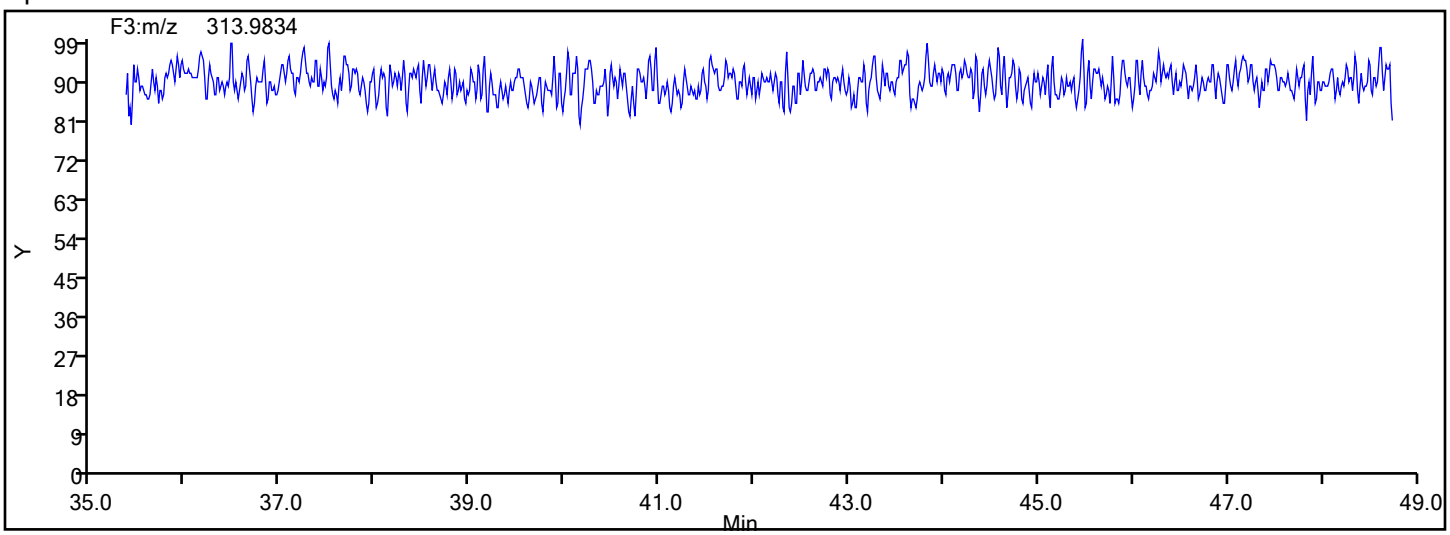
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

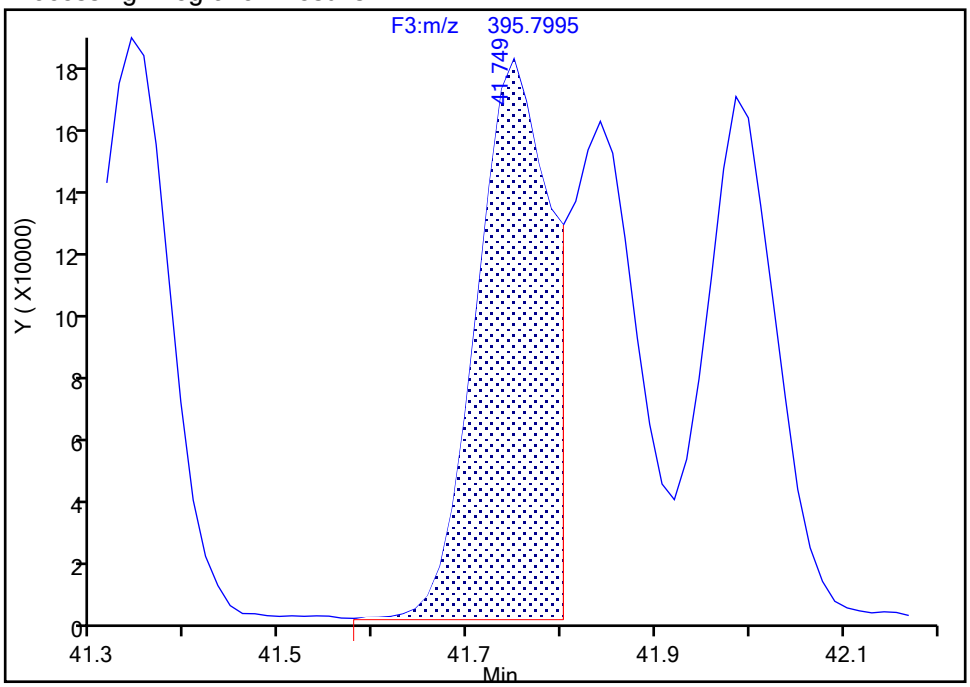
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Instrument ID: D2D
Lims ID: WDMCCV
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

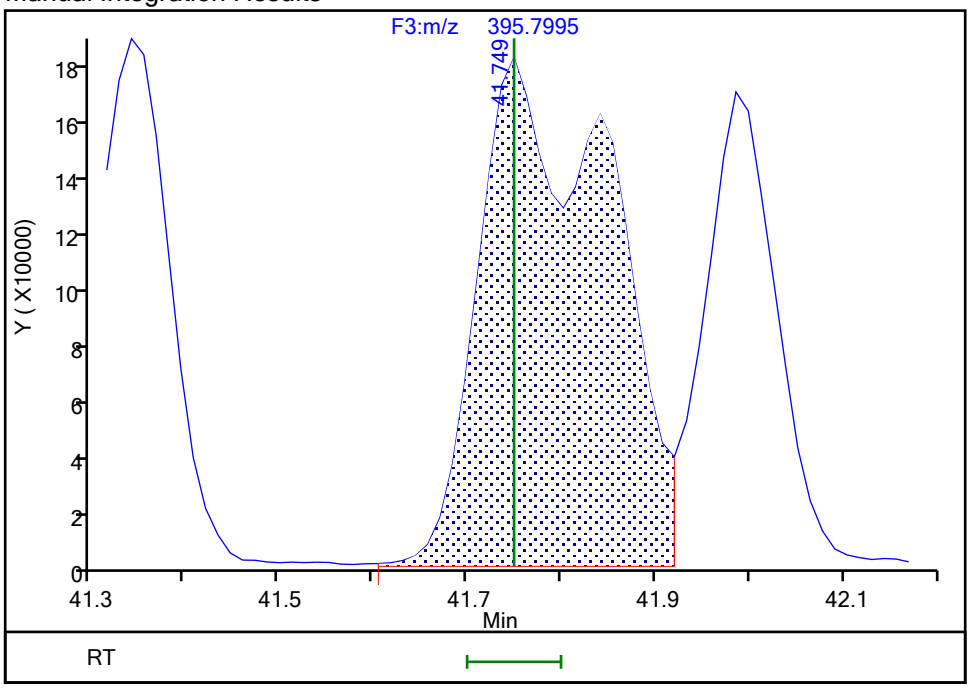
Processing Integration Results

RT: 41.75
Area: 954859
Amount: 56.890730
Amount Units: pg/ul



Manual Integration Results

RT: 41.75
Area: 1717525
Amount: 102.3197
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:37:02 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Knoxville

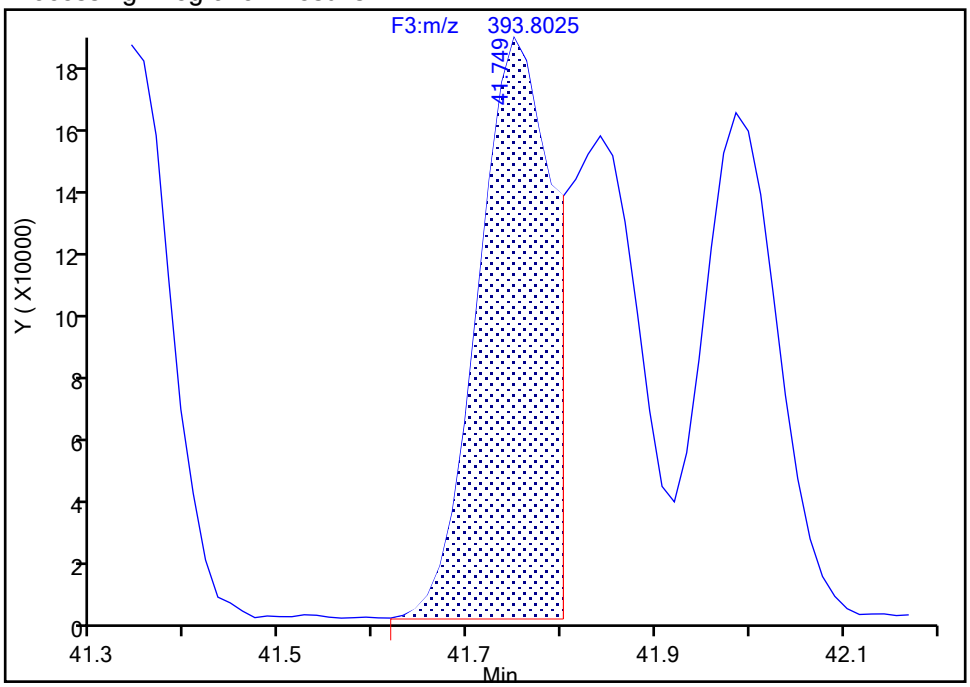
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d				
Injection Date:	04-Jan-2024 11:14:00	Instrument ID:	D2D		
Lims ID:	WDMCCV				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F3(35.64 :49.10)		

PCB-183/185, CAS: STL02297

Signal: 1

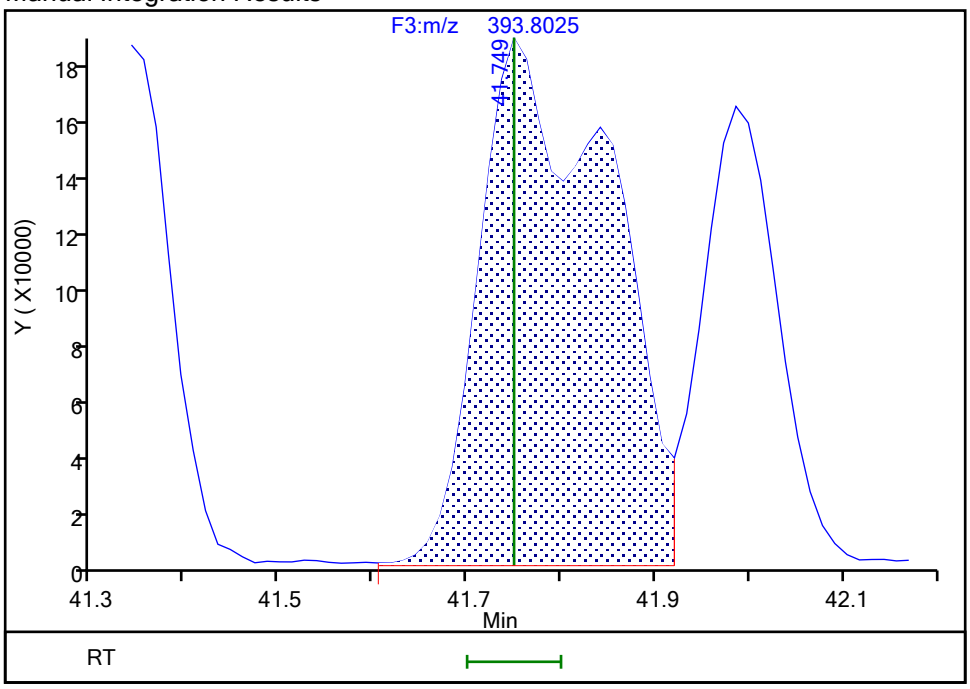
Processing Integration Results

RT: 41.75
Area: 1017152
Amount: 56.890730
Amount Units: pg/ul



Manual Integration Results

RT: 41.75
Area: 1829195
Amount: 102.3197
Amount Units: pg/ul



Reviewer: F9EE, 04-Jan-2024 12:37:06 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Split Peak

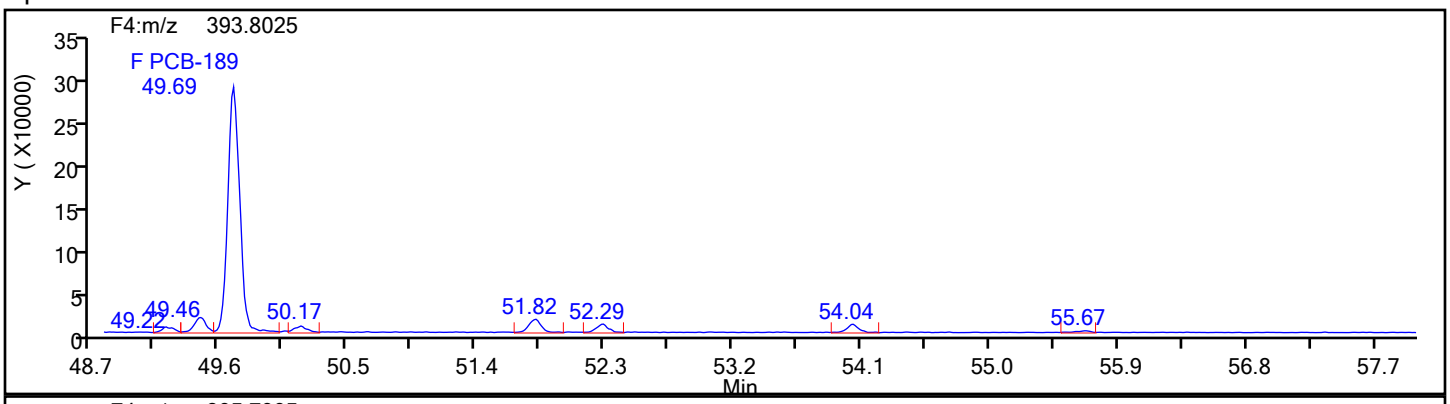
Report Date: 04-Jan-2024 13:55:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

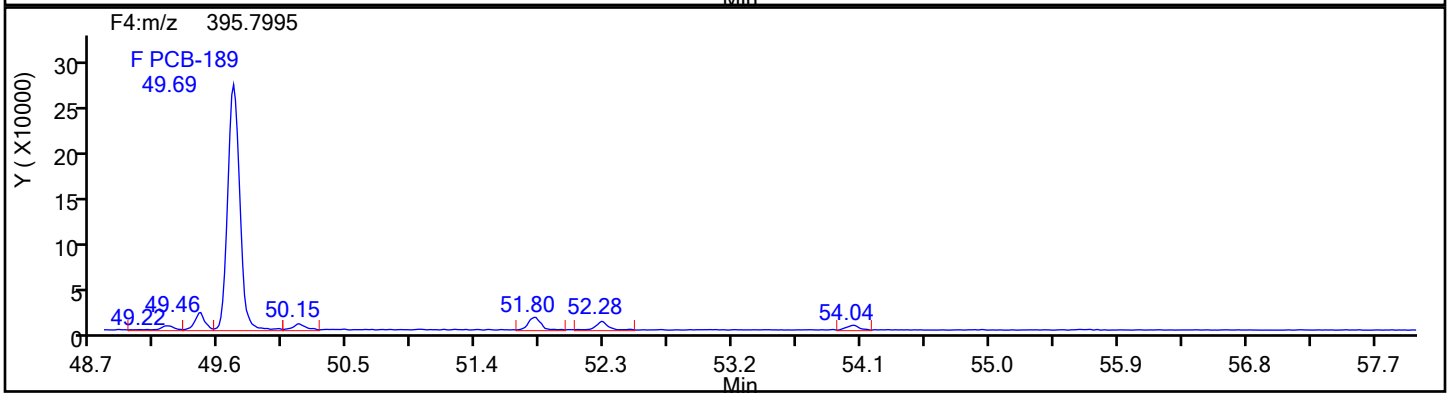
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

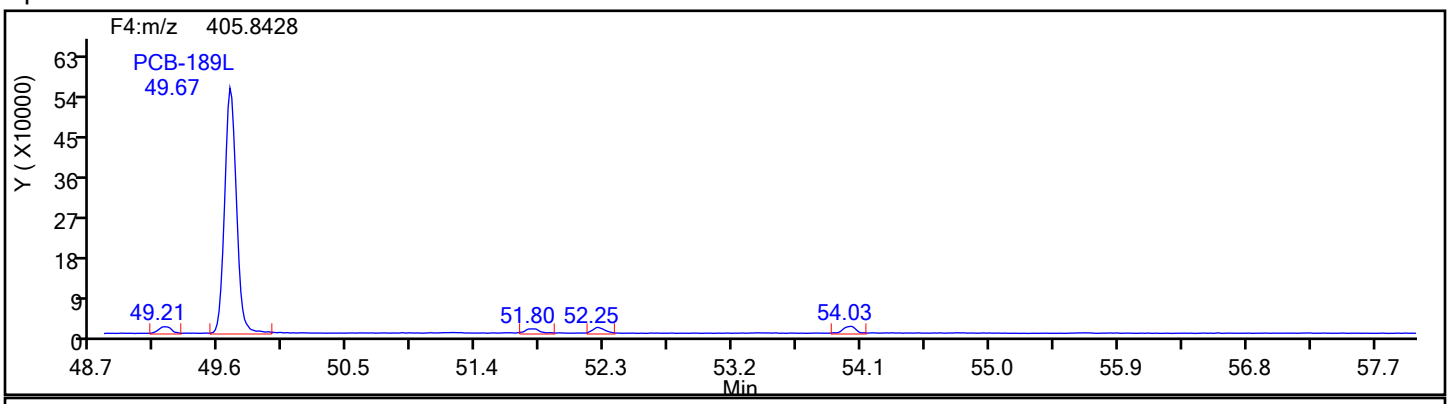
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

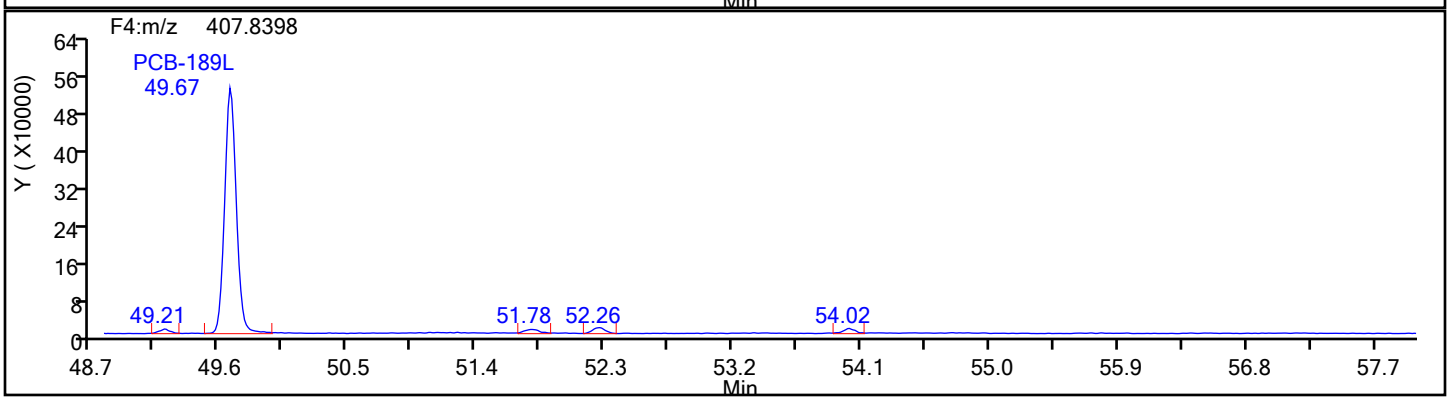
HpPCB F4





HpPCB F4 Standards



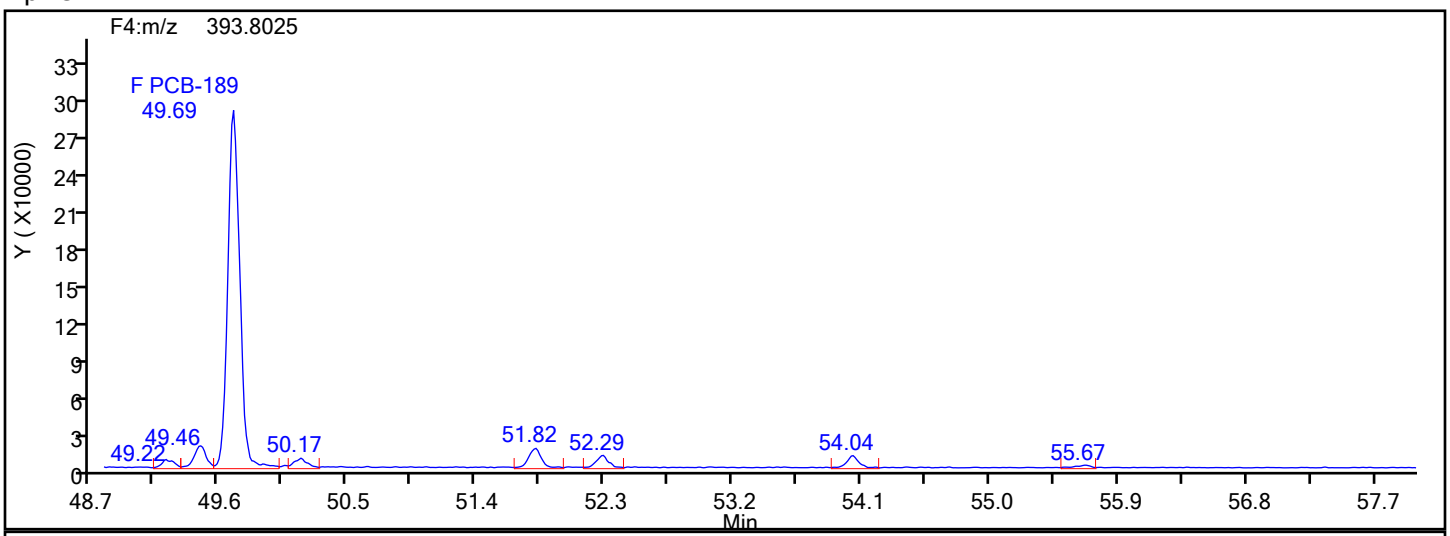


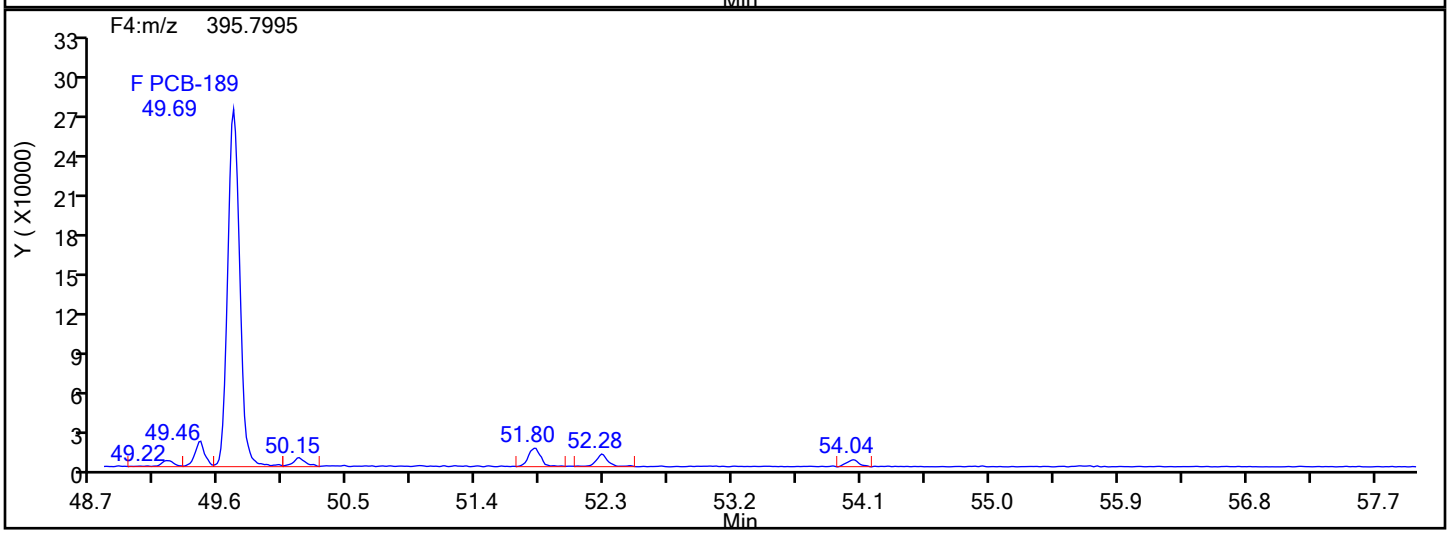
Report Date: 04-Jan-2024 13:55:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

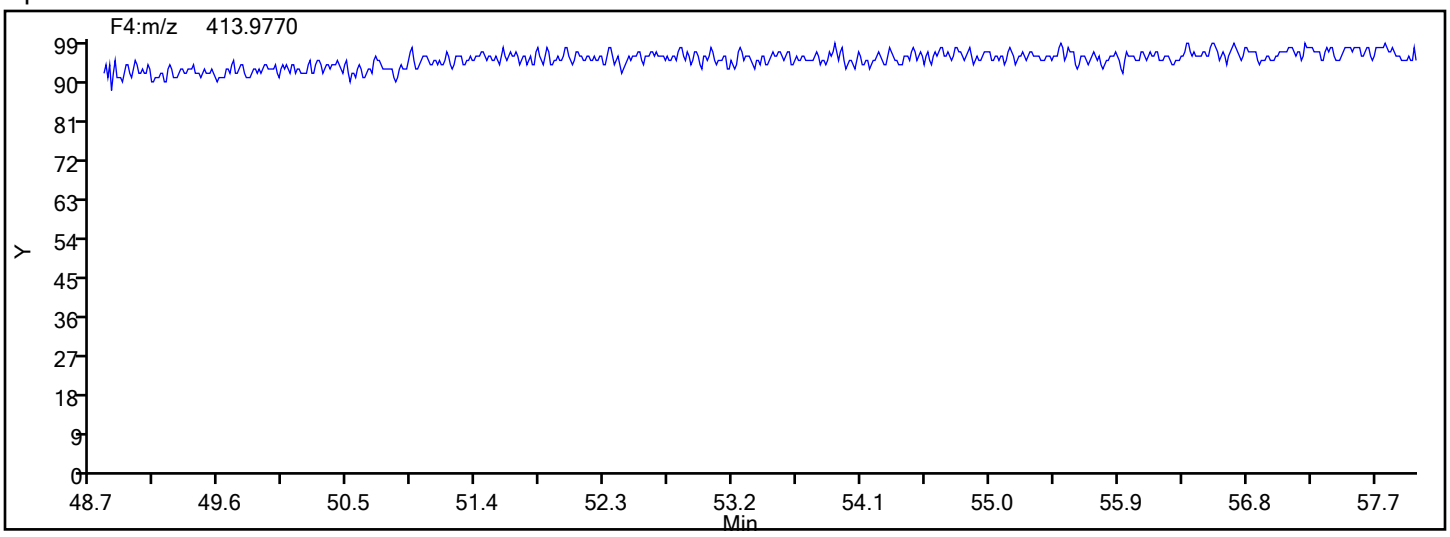
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

HpPCB F4





HpPCB F4 Lock Mass



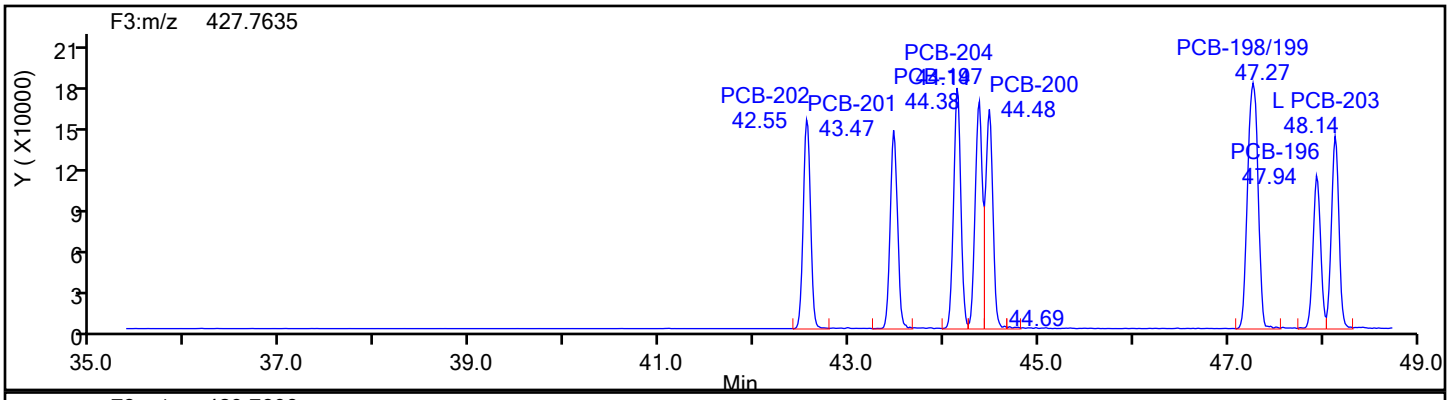
Report Date: 04-Jan-2024 13:55:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

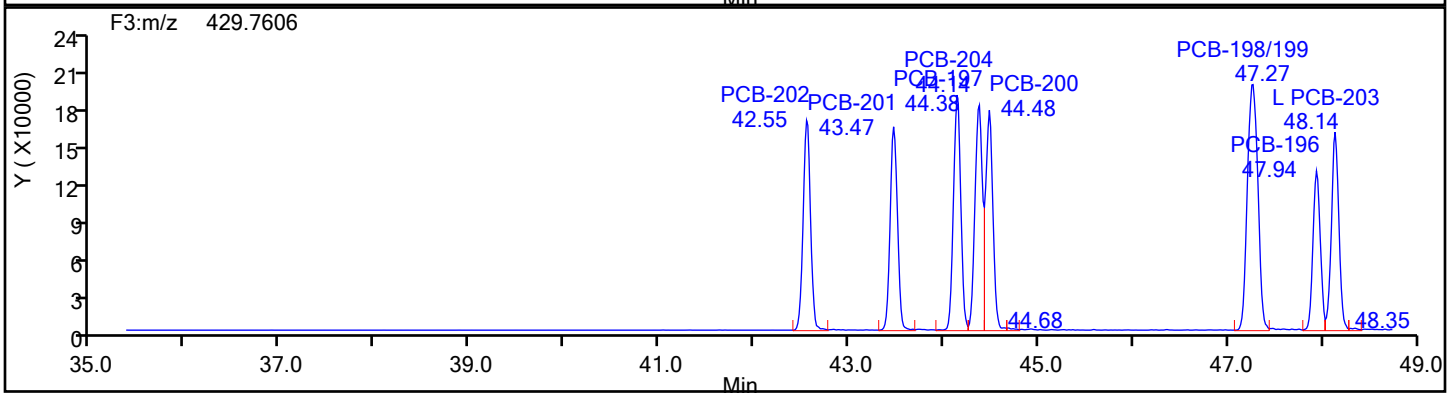
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

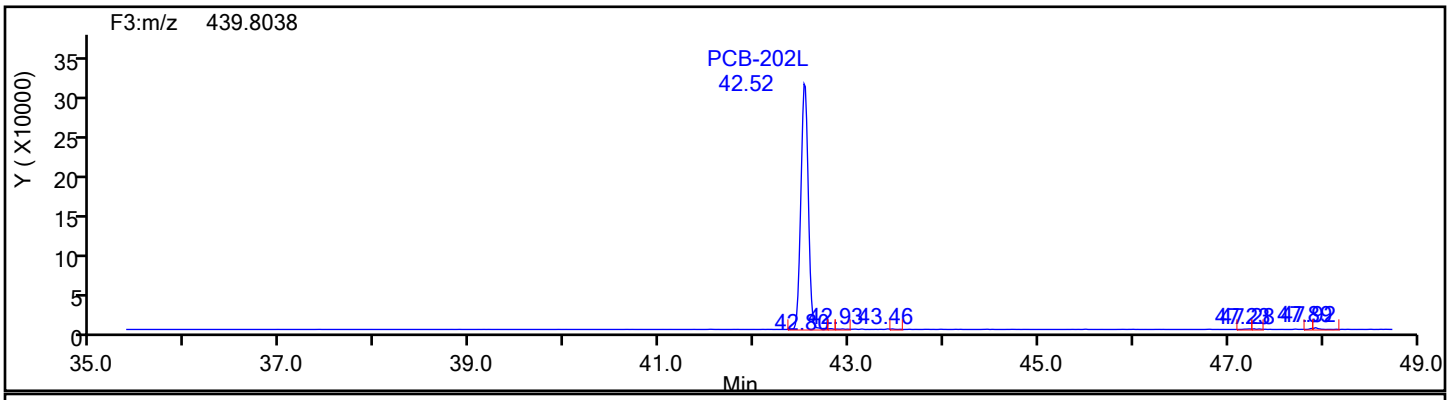
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

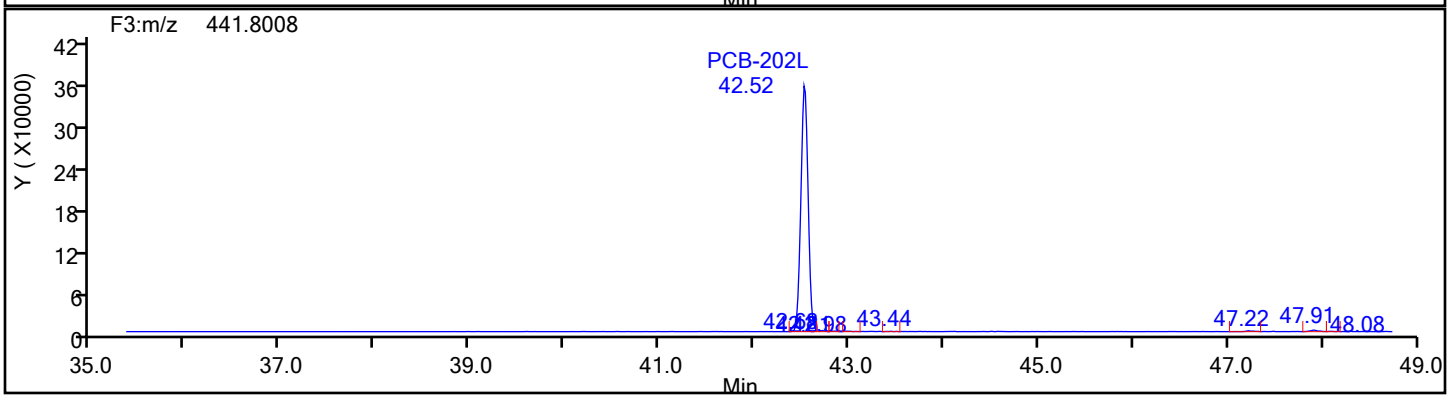
OcPCB F3





OcPCB F3 Standards



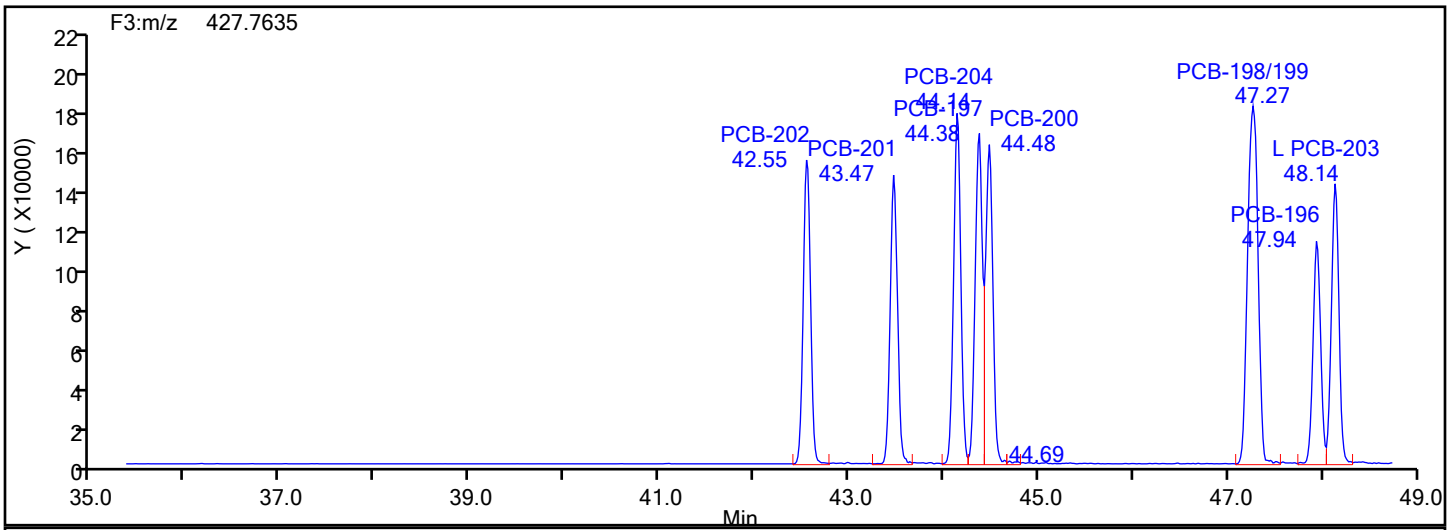


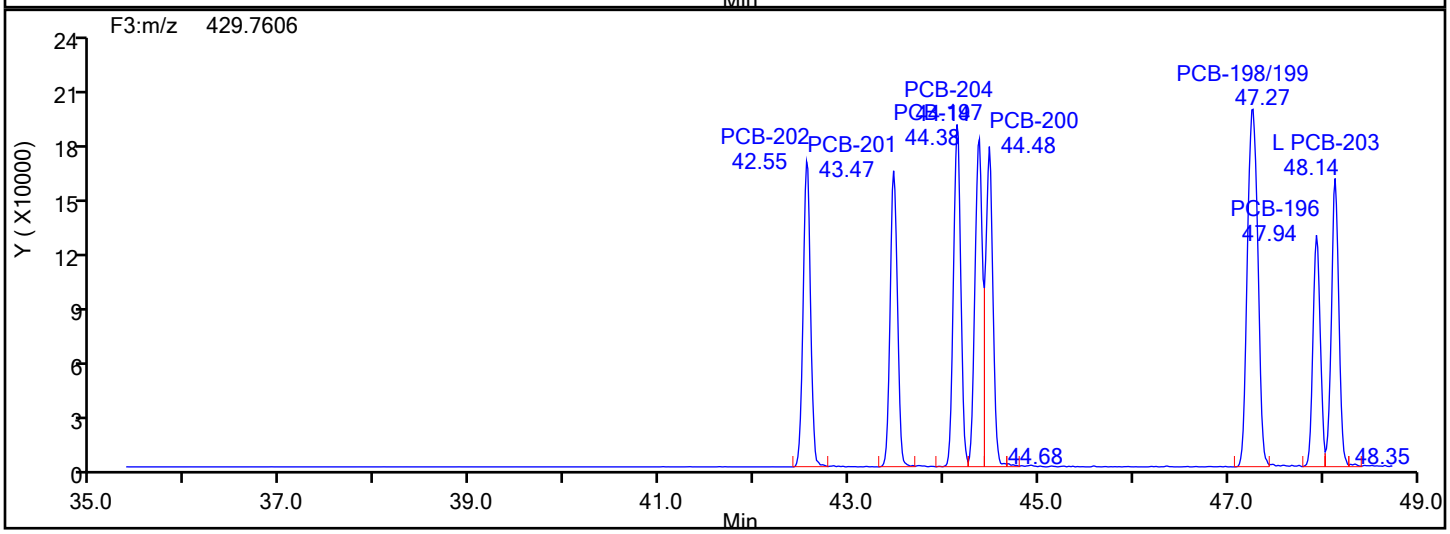
Report Date: 04-Jan-2024 13:55:35 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

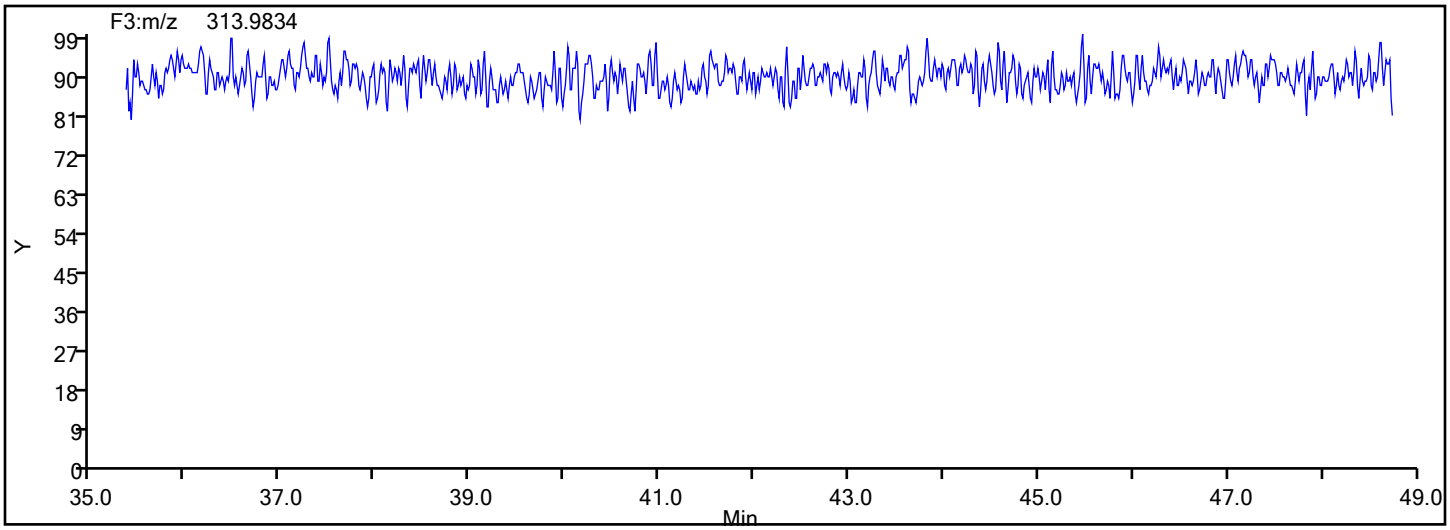
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

OcPCB F3





OcPCB F3 Lock Mass



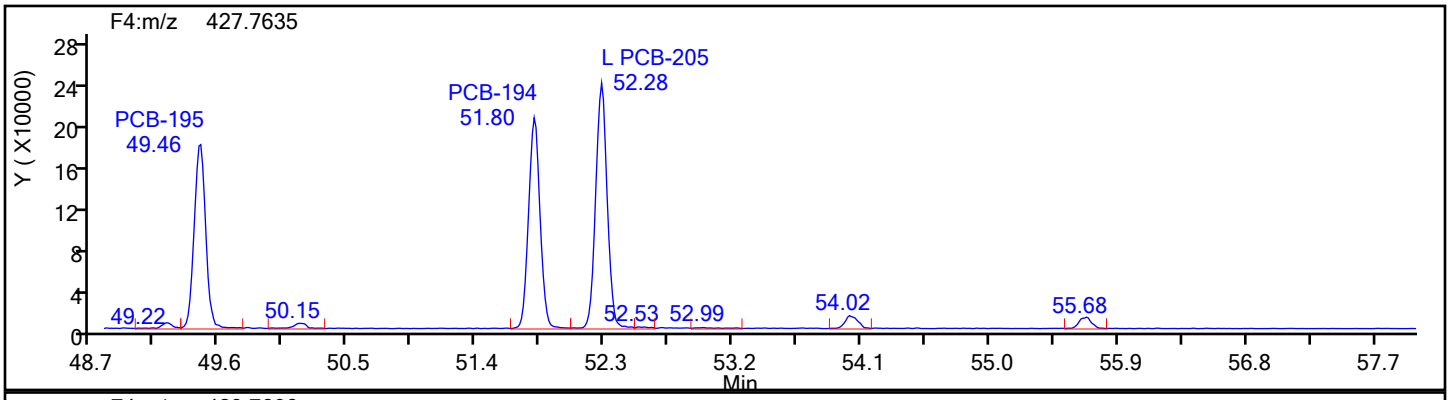
Report Date: 04-Jan-2024 13:55:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

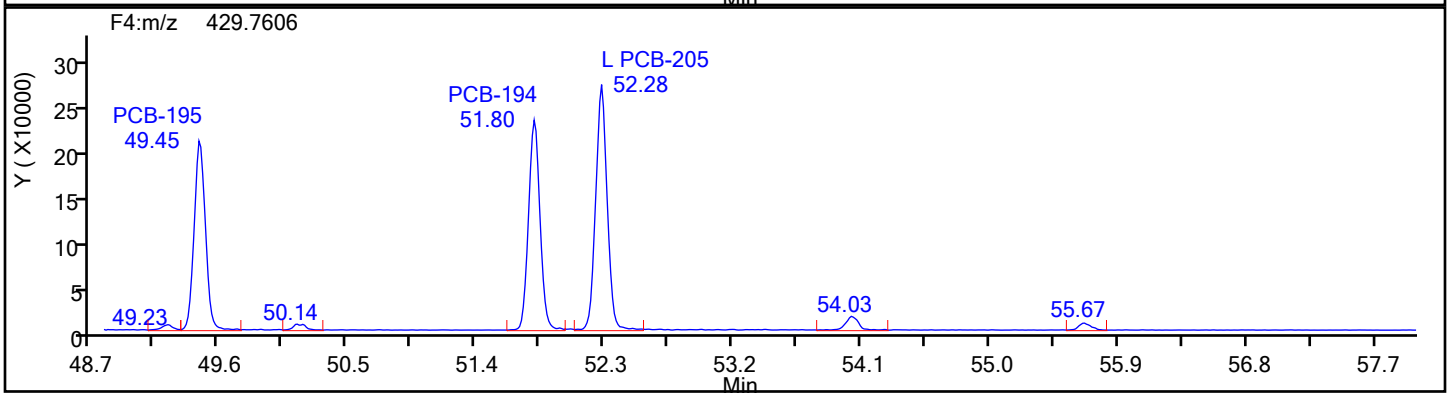
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

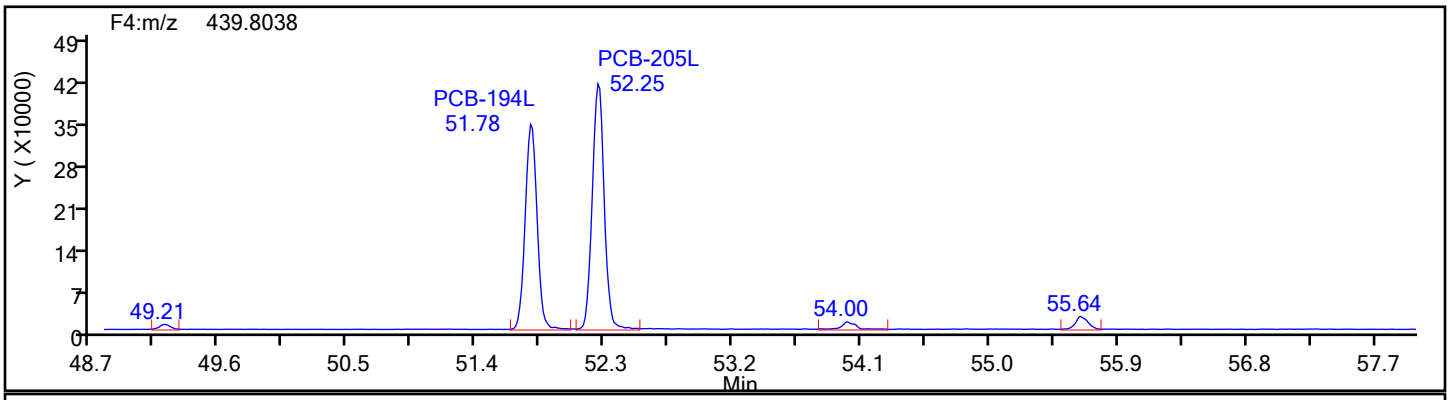
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

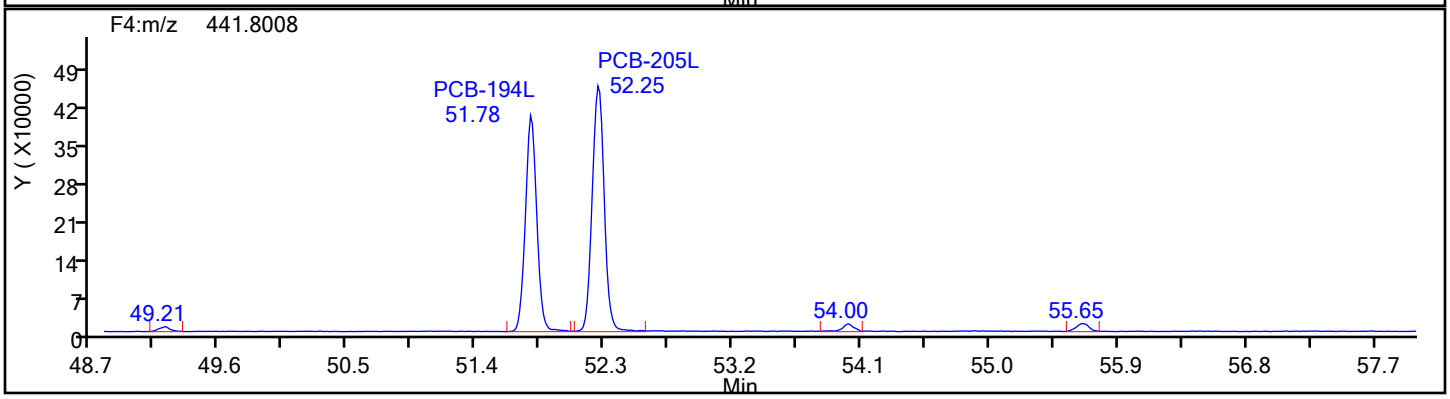
OcPCB F4





OcPCB F4 Standards



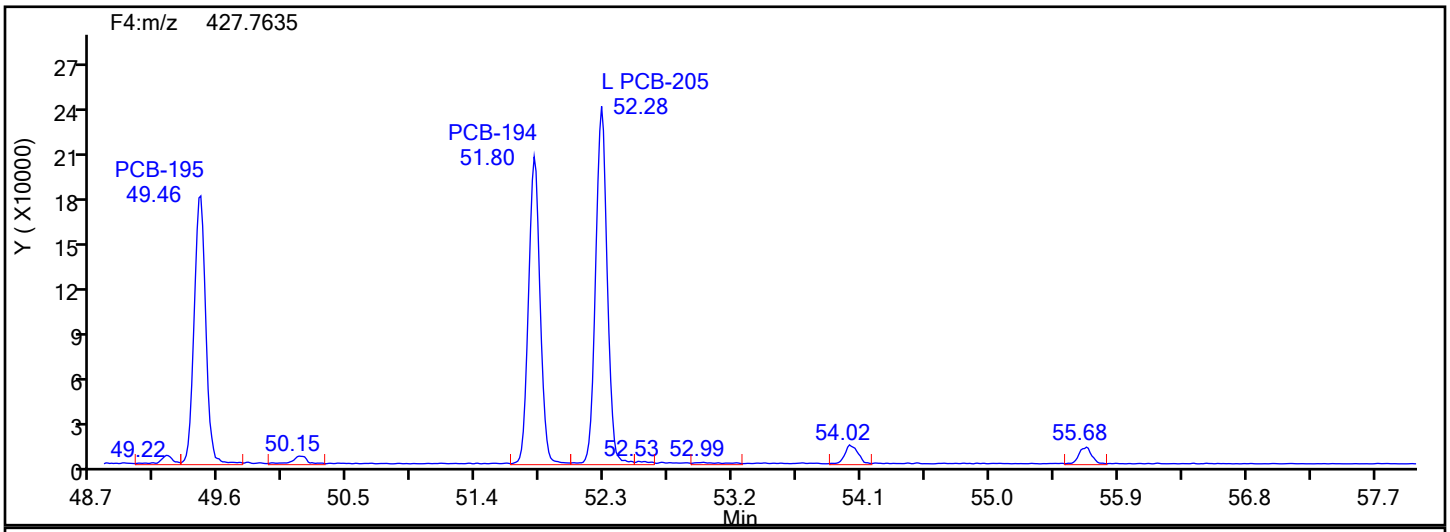


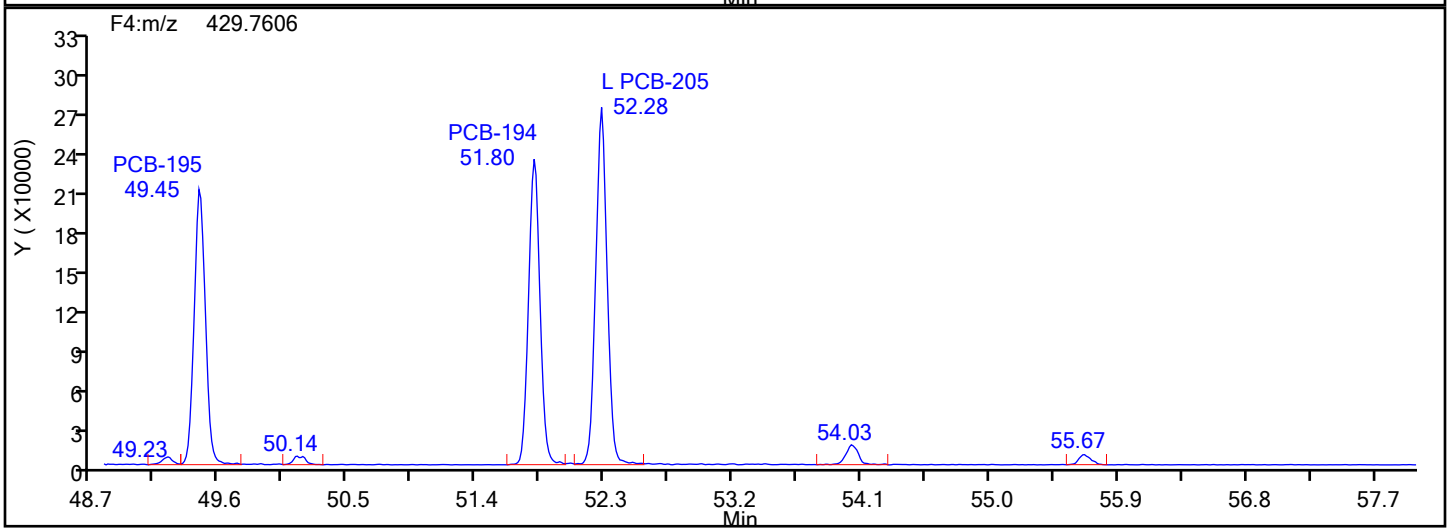
Report Date: 04-Jan-2024 13:55:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

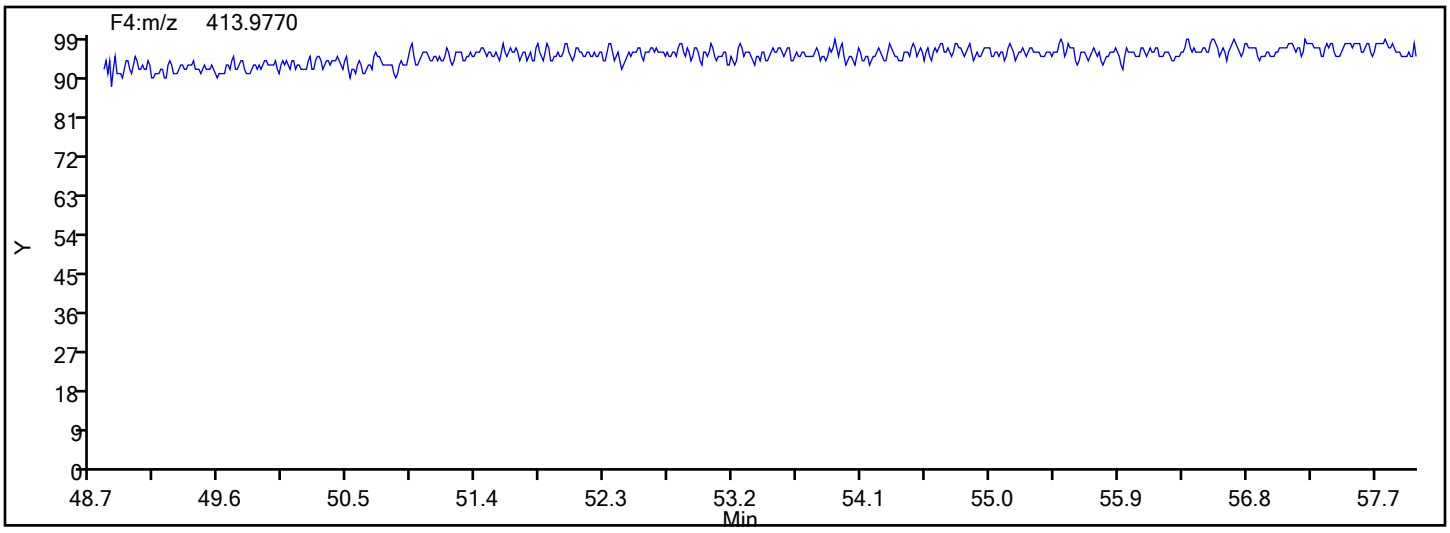
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d		
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

OcPCB F4





OcPCB F4 Lock Mass



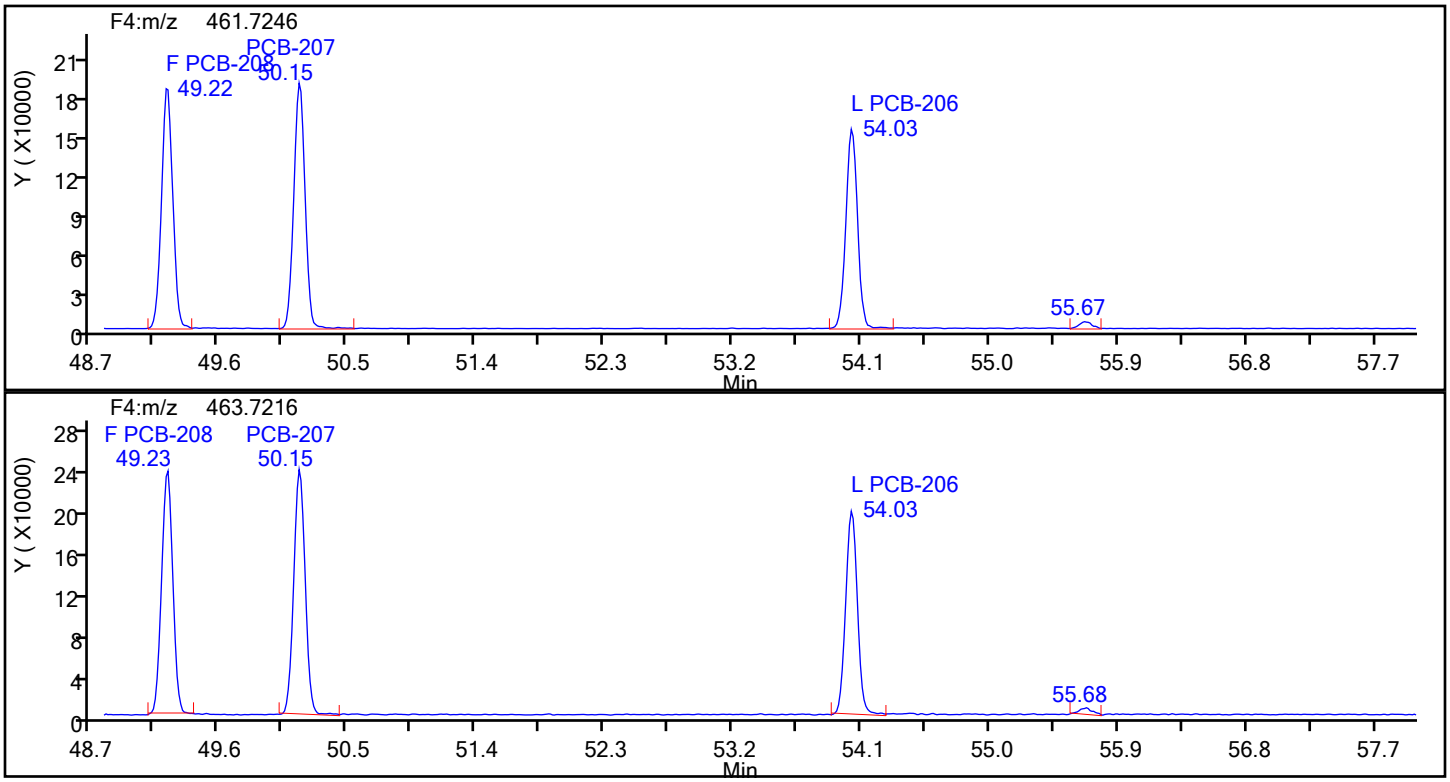
Report Date: 04-Jan-2024 13:55:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

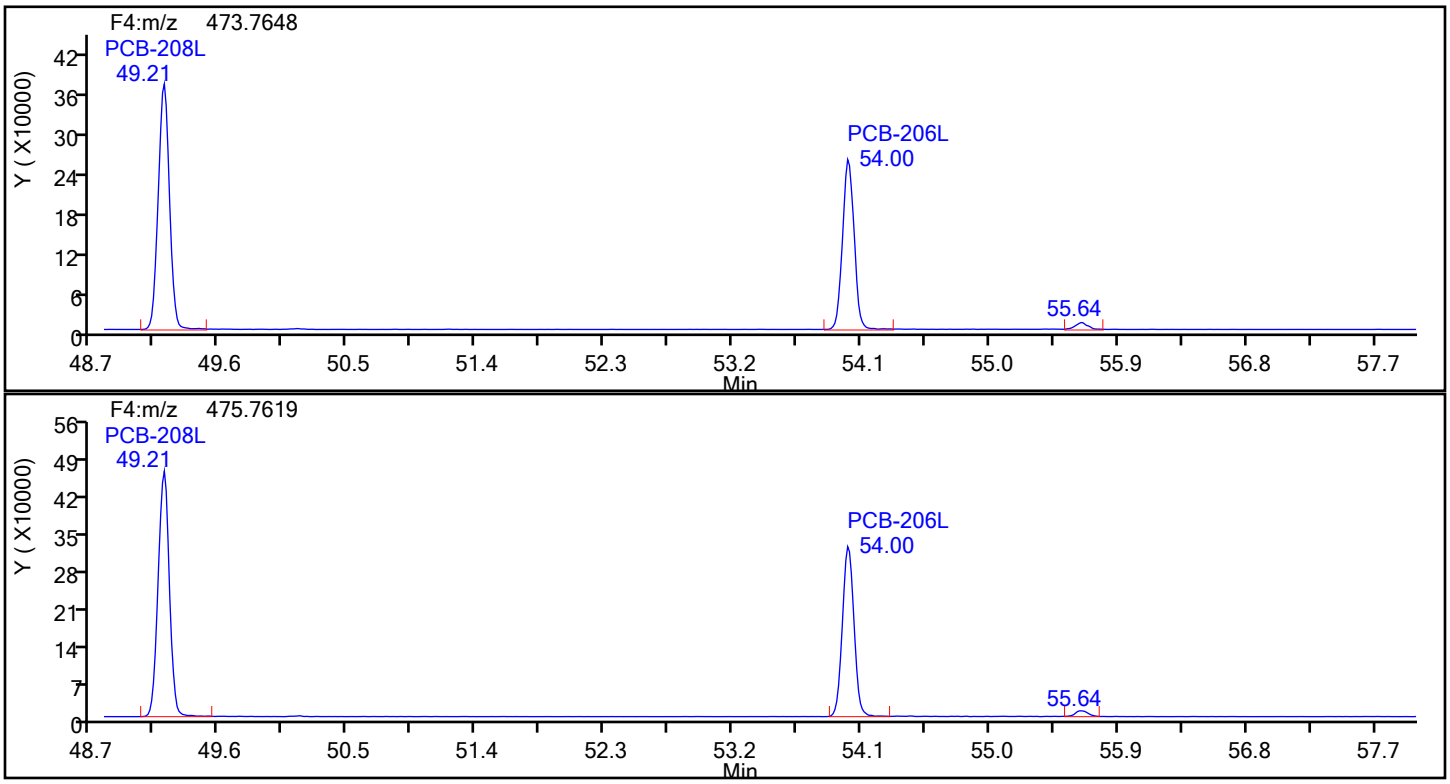
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

NoPCB F4



NoPCB F4 Standards

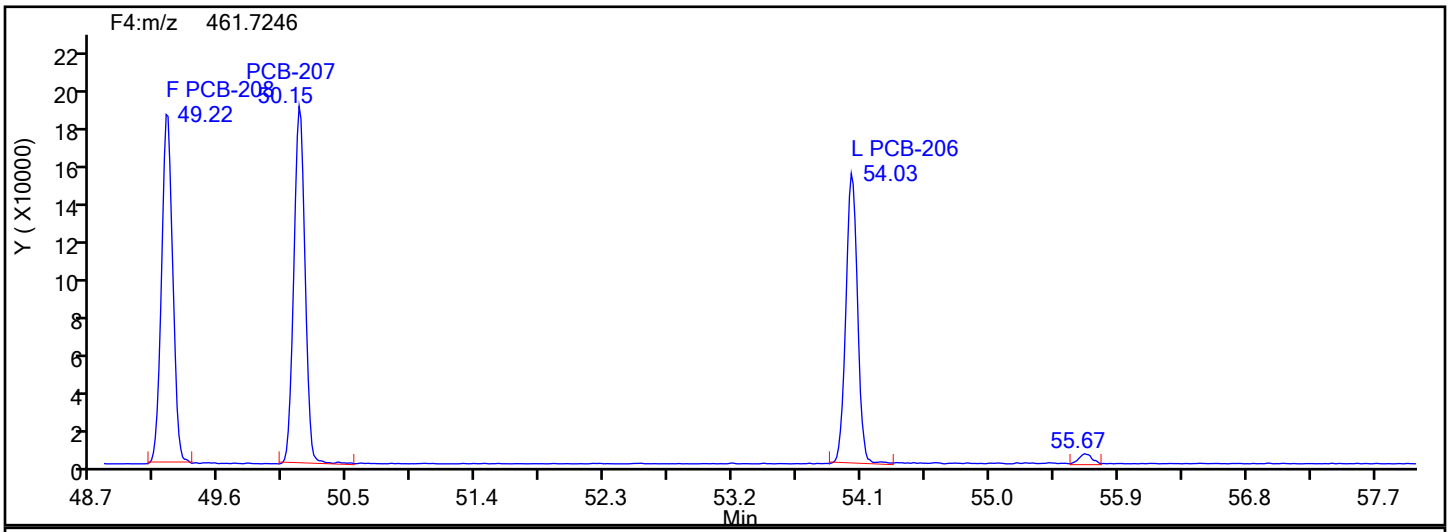


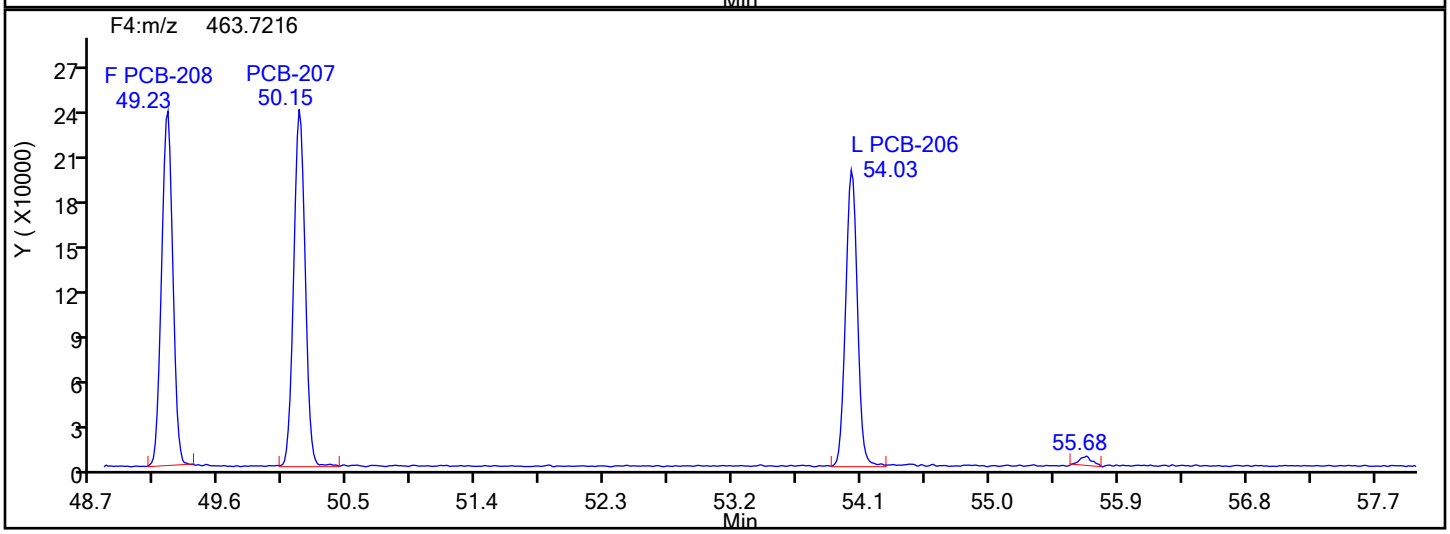
Report Date: 04-Jan-2024 13:55:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

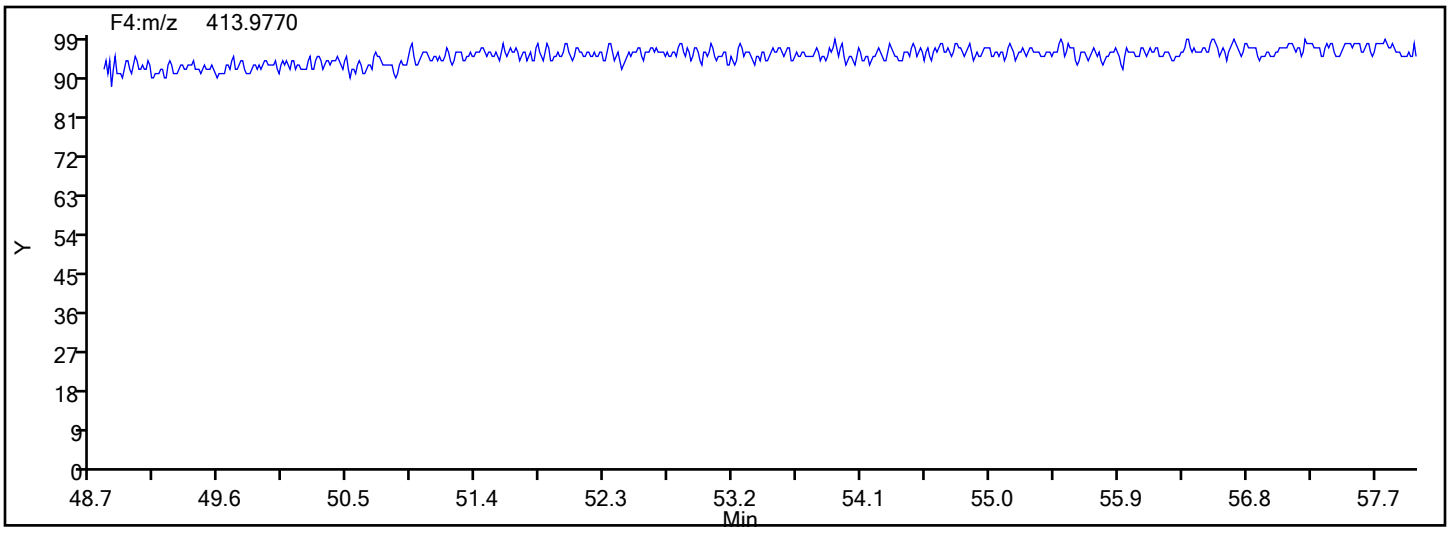
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 82009 Sample Line#: 1
Column Type: Column Dia:

NoPCB F4





NoPCB F4 Lock Mass



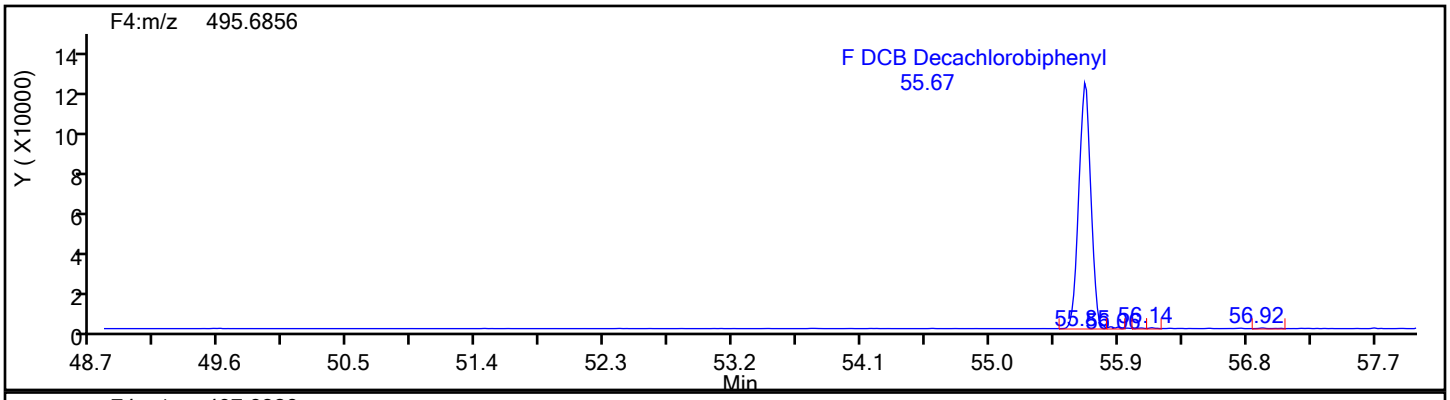
Report Date: 04-Jan-2024 13:55:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

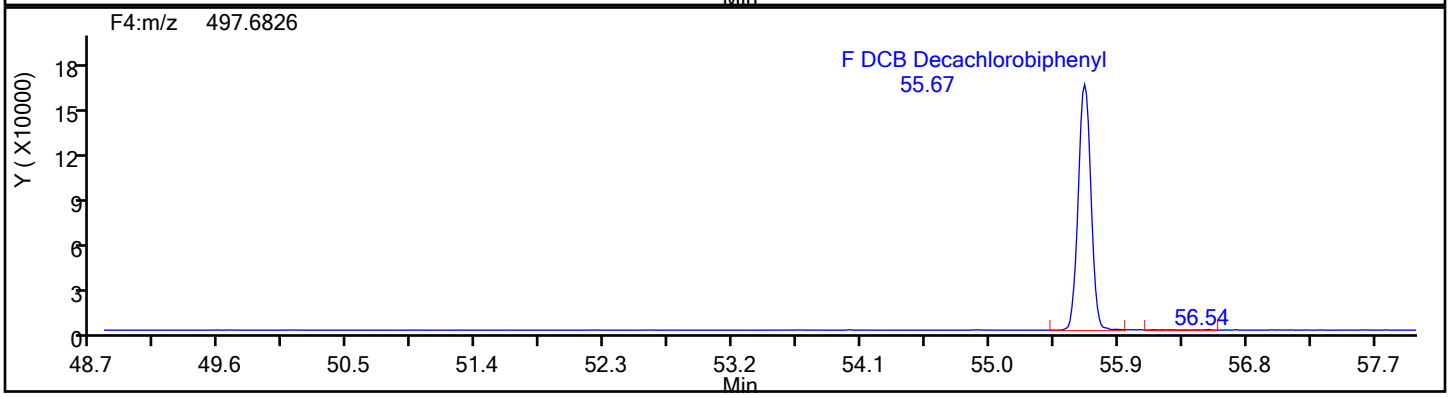
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d

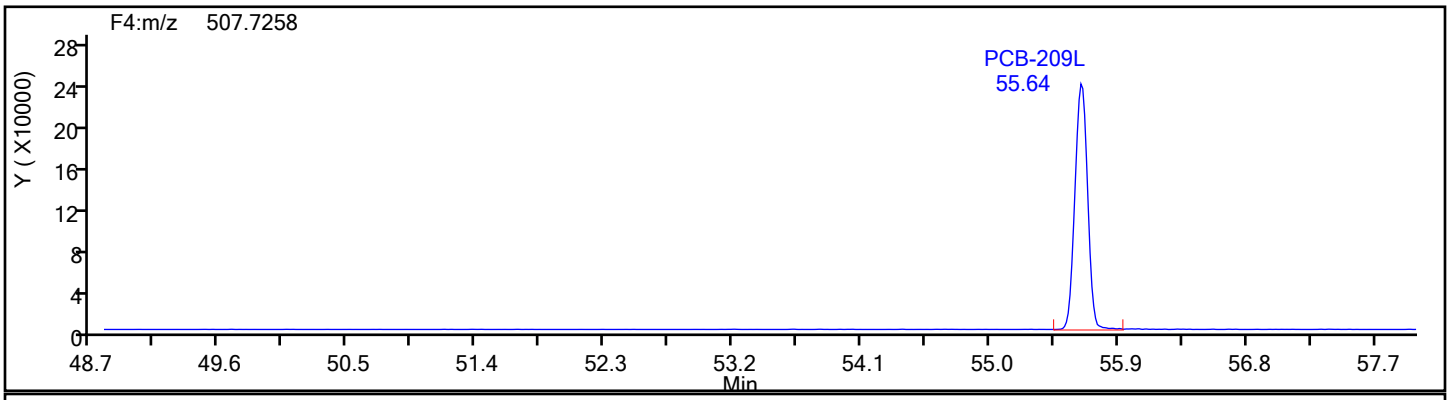
Injection Date:	04-Jan-2024 11:14:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	82009	Sample Line#:	1
Column Type:		Column Dia:	

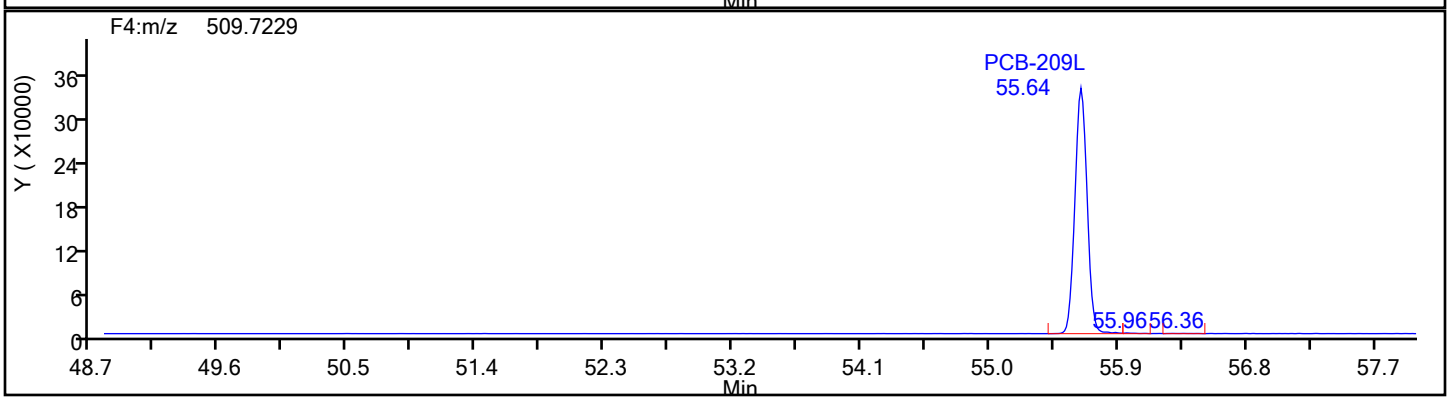
DePCB F4





DePCB F4 Standards



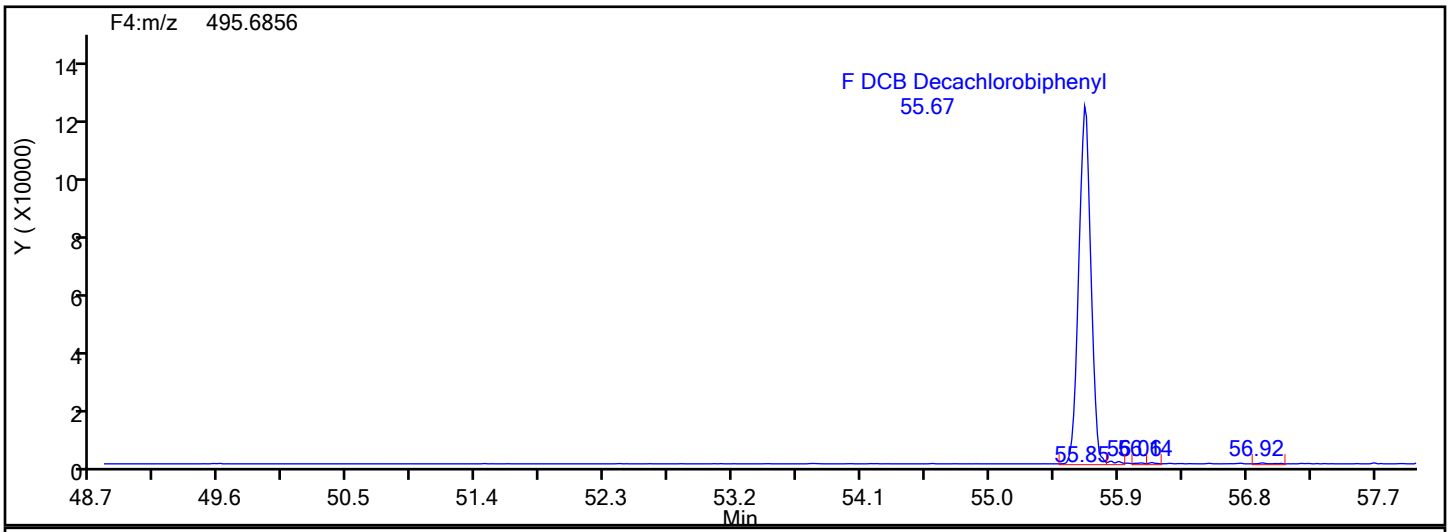


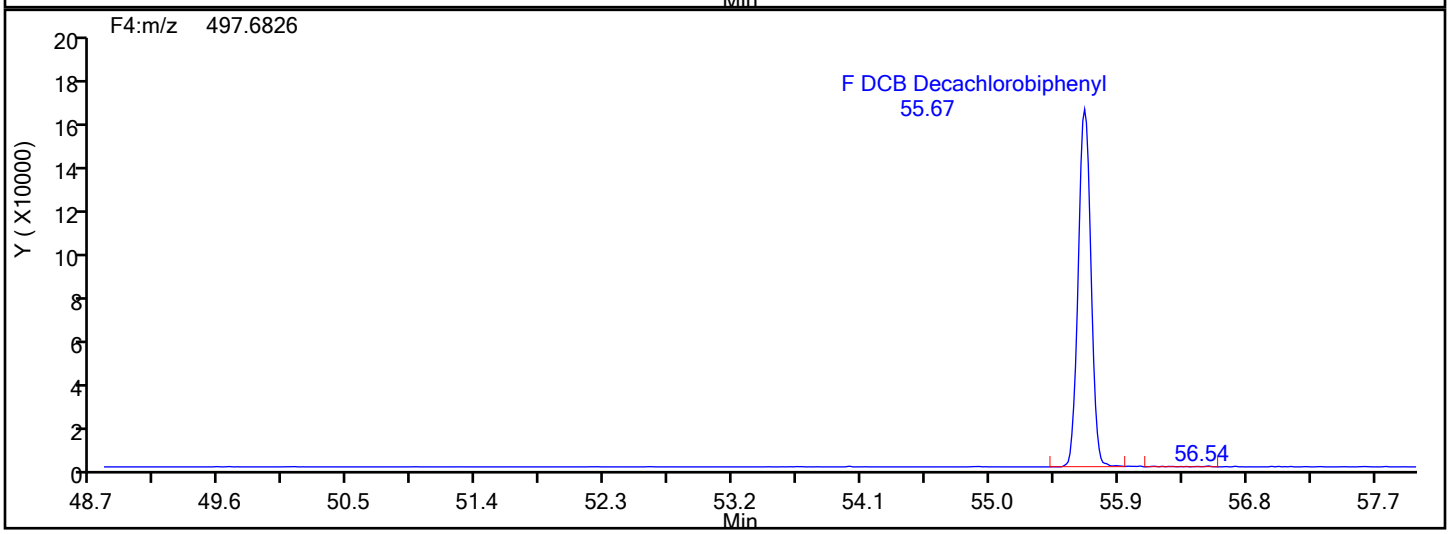
Report Date: 04-Jan-2024 13:55:36 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

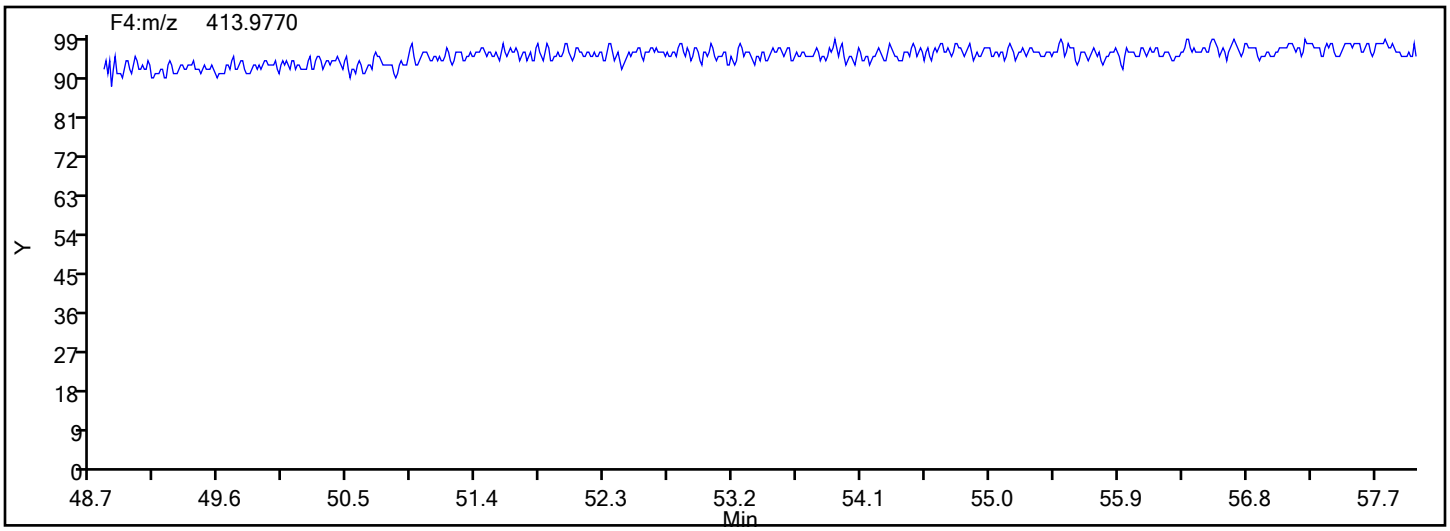
Data File: \\chromfs\Knoxville\ChromData\D2D\20240104-31080.b\d2240104c1a.d
Injection Date: 04-Jan-2024 11:14:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 82009 Sample Line#: 1
Column Type: Column Dia:

DePCB F4





DePCB F4 Lock Mass



FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment | Lab File ID: mb140-8142719-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.055(g) | Date Analyzed: 01/03/2024 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	ND		1.8	0.030
2051-61-8	PCB-2	ND		1.8	0.033
2051-62-9	PCB-3	ND		1.8	0.040
13029-08-8	PCB-4	ND		3.6	0.072
16605-91-7	PCB-5	ND		1.8	0.072
25569-80-6	PCB-6	ND		1.8	0.059
33284-50-3	PCB-7	ND		1.8	0.071
34883-43-7	PCB-8	ND		3.6	0.058
34883-39-1	PCB-9	ND		1.8	0.065
33146-45-1	PCB-10	ND		1.8	0.076
2050-67-1	PCB-11	0.230	J	3.6	0.061
2974-92-7	PCB-12	ND	C	3.6	0.068
2974-90-5	PCB-13	ND	C12	3.6	0.068
34883-41-5	PCB-14	ND		1.8	0.069
2050-68-2	PCB-15	ND		1.8	0.074
38444-78-9	PCB-16	ND		1.8	0.066
37680-66-3	PCB-17	ND		1.8	0.065
37680-65-2	PCB-18	ND	C	3.6	0.044
38444-73-4	PCB-19	ND		1.8	0.062
38444-84-7	PCB-20	ND	C	3.6	0.069
55702-46-0	PCB-21	0.0687	J q C	3.6	0.068
38444-85-8	PCB-22	ND		1.8	0.063
55720-44-0	PCB-23	ND		1.8	0.074
55702-45-9	PCB-24	ND		1.8	0.045
55712-37-3	PCB-25	ND		1.8	0.059
38444-81-4	PCB-26	ND	C	3.6	0.076
38444-76-7	PCB-27	ND		1.8	0.046
7012-37-5	PCB-28	ND	C20	3.6	0.069
15862-07-4	PCB-29	ND	C26	3.6	0.076
35693-92-6	PCB-30	ND	C18	3.6	0.044
16606-02-3	PCB-31	0.108	J	3.6	0.062
38444-77-8	PCB-32	0.0618	J q	1.8	0.040

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment | Lab File ID: mb140-8142719-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.055(g) | Date Analyzed: 01/03/2024 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	0.0687	J q C21	3.6	0.068
37680-68-5	PCB-34	ND		1.8	0.075
37680-69-6	PCB-35	ND		1.8	0.067
38444-87-0	PCB-36	ND		1.8	0.059
38444-90-5	PCB-37	ND		1.8	0.066
53555-66-1	PCB-38	ND		1.8	0.065
38444-88-1	PCB-39	ND		1.8	0.065
38444-93-8	PCB-40	ND	C	5.5	0.073
52663-59-9	PCB-41	ND	C40	5.5	0.073
36559-22-5	PCB-42	ND		1.8	0.081
70362-46-8	PCB-43	ND	C	3.6	0.062
41464-39-5	PCB-44	ND	C	5.5	0.066
70362-45-7	PCB-45	ND	C	3.6	0.079
41464-47-5	PCB-46	ND		1.8	0.094
2437-79-8	PCB-47	ND	C44	5.5	0.066
70362-47-9	PCB-48	ND		1.8	0.074
41464-40-8	PCB-49	ND	C	3.6	0.062
62796-65-0	PCB-50	ND	C	3.6	0.073
68194-04-7	PCB-51	ND	C45	3.6	0.079
35693-99-3	PCB-52	0.103	J q	1.8	0.066
41464-41-9	PCB-53	ND	C50	3.6	0.073
15968-05-5	PCB-54	ND		1.8	0.026
74338-24-2	PCB-55	ND		1.8	0.044
41464-43-1	PCB-56	ND		1.8	0.046
70424-67-8	PCB-57	ND		1.8	0.050
41464-49-7	PCB-58	ND		1.8	0.043
74472-33-6	PCB-59	ND	C	5.5	0.055
33025-41-1	PCB-60	ND		1.8	0.053
33284-53-6	PCB-61	0.218	J C	7.3	0.048
54230-22-7	PCB-62	ND	C59	5.5	0.055
74472-34-7	PCB-63	ND		1.8	0.052
52663-58-8	PCB-64	ND		1.8	0.054

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment | Lab File ID: mb140-8142719-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.055(g) | Date Analyzed: 01/03/2024 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	ND	C44	5.5	0.066
32598-10-0	PCB-66	0.0753	J q	1.8	0.045
73575-53-8	PCB-67	ND		1.8	0.042
73575-52-7	PCB-68	ND		1.8	0.049
60233-24-1	PCB-69	ND	C49	3.6	0.062
32598-11-1	PCB-70	0.218	J C61	7.3	0.048
41464-46-4	PCB-71	ND	C40	5.5	0.073
41464-42-0	PCB-72	ND		1.8	0.048
74338-23-1	PCB-73	ND	C43	3.6	0.062
32690-93-0	PCB-74	0.218	J C61	7.3	0.048
32598-12-2	PCB-75	ND	C59	5.5	0.055
70362-48-0	PCB-76	0.218	J C61	7.3	0.048
32598-13-3	PCB-77	ND		1.8	0.049
70362-49-1	PCB-78	ND		1.8	0.046
41464-48-6	PCB-79	ND		1.8	0.039
33284-52-5	PCB-80	ND		1.8	0.044
70362-50-4	PCB-81	ND		1.8	0.059
52663-62-4	PCB-82	ND		1.8	0.058
60145-20-2	PCB-83	ND	C	3.6	0.056
52663-60-2	PCB-84	ND		1.8	0.072
65510-45-4	PCB-85	0.0744	J q C	5.5	0.048
55312-69-1	PCB-86	ND	C	11	0.048
38380-02-8	PCB-87	ND	C86	11	0.048
55215-17-3	PCB-88	ND	C	3.6	0.062
73575-57-2	PCB-89	ND		1.8	0.058
68194-07-0	PCB-90	0.0542	J q C	5.5	0.052
68194-05-8	PCB-91	ND	C88	3.6	0.062
52663-61-3	PCB-92	ND		1.8	0.063
73575-56-1	PCB-93	ND	C	3.6	0.063
73575-55-0	PCB-94	ND		1.8	0.071
38379-99-6	PCB-95	ND		1.8	0.062
73575-54-9	PCB-96	ND		1.8	0.043

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment | Lab File ID: mb140-8142719-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.055(g) | Date Analyzed: 01/03/2024 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41464-51-1	PCB-97	ND	C86	11	0.048
60233-25-2	PCB-98	ND	C	3.6	0.054
38380-01-7	PCB-99	ND	C83	3.6	0.056
39485-83-1	PCB-100	ND	C93	3.6	0.063
37680-73-2	PCB-101	0.0542	J q C90	5.5	0.052
68194-06-9	PCB-102	ND	C98	3.6	0.054
60145-21-3	PCB-103	ND		1.8	0.059
56558-16-8	PCB-104	ND		1.8	0.049
32598-14-4	PCB-105	ND		1.8	0.087
70424-69-0	PCB-106	ND		1.8	0.078
70424-68-9	PCB-107	ND		1.8	0.076
70362-41-3	PCB-108	ND	C	3.6	0.083
74472-35-8	PCB-109	ND	C86	11	0.048
38380-03-9	PCB-110	0.0753	J q C	3.6	0.036
39635-32-0	PCB-111	ND		1.8	0.040
74472-36-9	PCB-112	ND		1.8	0.035
68194-10-5	PCB-113	0.0542	J q C90	5.5	0.052
74472-37-0	PCB-114	ND		1.8	0.081
74472-38-1	PCB-115	0.0753	J q C110	3.6	0.036
18259-05-7	PCB-116	0.0744	J q C85	5.5	0.048
68194-11-6	PCB-117	0.0744	J q C85	5.5	0.048
31508-00-6	PCB-118	ND		1.8	0.085
56558-17-9	PCB-119	ND	C86	11	0.048
68194-12-7	PCB-120	ND		1.8	0.033
56558-18-0	PCB-121	ND		1.8	0.038
76842-07-4	PCB-122	ND		1.8	0.098
65510-44-3	PCB-123	ND		1.8	0.088
70424-70-3	PCB-124	ND	C108	3.6	0.083
74472-39-2	PCB-125	ND	C86	11	0.048

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment | Lab File ID: mb140-8142719-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.055(g) | Date Analyzed: 01/03/2024 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
57465-28-8	PCB-126	ND		1.8	0.077
39635-33-1	PCB-127	ND		1.8	0.077
38380-07-3	PCB-128	ND	C	3.6	0.040
55215-18-4	PCB-129	ND	C	7.3	0.043
52663-66-8	PCB-130	ND		1.8	0.060
61798-70-7	PCB-131	ND		1.8	0.055
38380-05-1	PCB-132	ND		1.8	0.054
35694-04-3	PCB-133	ND		1.8	0.049
52704-70-8	PCB-134	ND	C	3.6	0.056
52744-13-5	PCB-135	ND	C	3.6	0.033
38411-22-2	PCB-136	ND		1.8	0.025
35694-06-5	PCB-137	ND		1.8	0.050
35065-28-2	PCB-138	ND	C129	7.3	0.043
56030-56-9	PCB-139	ND	C	3.6	0.045
59291-64-4	PCB-140	ND	C139	3.6	0.045
52712-04-6	PCB-141	ND		1.8	0.050
41411-61-4	PCB-142	ND		1.8	0.056
68194-15-0	PCB-143	ND	C134	3.6	0.056
68194-14-9	PCB-144	ND		1.8	0.033
74472-40-5	PCB-145	ND		1.8	0.023
51908-16-8	PCB-146	ND		1.8	0.041
68194-13-8	PCB-147	ND	C	3.6	0.044
74472-41-6	PCB-148	ND		1.8	0.033
38380-04-0	PCB-149	ND	C147	3.6	0.044
68194-08-1	PCB-150	ND		1.8	0.024
52663-63-5	PCB-151	ND	C135	3.6	0.033
68194-09-2	PCB-152	ND		1.8	0.022
35065-27-1	PCB-153	ND	C	3.6	0.036
60145-22-4	PCB-154	ND		1.8	0.030
33979-03-2	PCB-155	ND		1.8	0.026
38380-08-4	PCB-156	ND	C	3.6	0.043
69782-90-7	PCB-157	ND	C156	3.6	0.043

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment | Lab File ID: mb140-8142719-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.055(g) | Date Analyzed: 01/03/2024 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74472-42-7	PCB-158	ND		1.8	0.034
39635-35-3	PCB-159	ND		1.8	0.029
41411-62-5	PCB-160	ND	C129	7.3	0.043
74472-43-8	PCB-161	ND		1.8	0.033
39635-34-2	PCB-162	ND		1.8	0.035
74472-44-9	PCB-163	ND	C129	7.3	0.043
74472-45-0	PCB-164	ND		1.8	0.034
74472-46-1	PCB-165	ND		1.8	0.040
41411-63-6	PCB-166	ND	C128	3.6	0.040
52663-72-6	PCB-167	ND		1.8	0.028
59291-65-5	PCB-168	ND	C153	3.6	0.036
32774-16-6	PCB-169	ND		1.8	0.028
35065-30-6	PCB-170	ND		1.8	0.025
52663-71-5	PCB-171	ND	C	3.6	0.023
52663-74-8	PCB-172	ND		1.8	0.022
68194-16-1	PCB-173	ND	C171	3.6	0.023
38411-25-5	PCB-174	ND		1.8	0.021
40186-70-7	PCB-175	ND		1.8	0.023
52663-65-7	PCB-176	ND		1.8	0.017
52663-70-4	PCB-177	ND		1.8	0.021
52663-67-9	PCB-178	ND		1.8	0.023
52663-64-6	PCB-179	ND		1.8	0.015
35065-29-3	PCB-180	ND	C	3.6	0.018
74472-47-2	PCB-181	ND		1.8	0.019
60145-23-5	PCB-182	ND		1.8	0.019
52663-69-1	PCB-183	0.0751	J q C	3.6	0.021
74472-48-3	PCB-184	ND		1.8	0.016
52712-05-7	PCB-185	0.0751	J q C183	3.6	0.021
74472-49-4	PCB-186	ND		1.8	0.014
52663-68-0	PCB-187	ND		1.8	0.018
74487-85-7	PCB-188	ND		1.8	0.016
39635-31-9	PCB-189	ND		1.8	0.035

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment | Lab File ID: mb140-8142719-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.055(g) | Date Analyzed: 01/03/2024 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41411-64-7	PCB-190	ND		1.8	0.016
74472-50-7	PCB-191	ND		1.8	0.016
74472-51-8	PCB-192	0.0358	J q	1.8	0.015
69782-91-8	PCB-193	ND	C180	3.6	0.018
35694-08-7	PCB-194	ND		1.8	0.032
52663-78-2	PCB-195	ND		1.8	0.035
42740-50-1	PCB-196	ND		1.8	0.040
33091-17-7	PCB-197	ND		1.8	0.030
68194-17-2	PCB-198	ND	C	3.6	0.036
52663-75-9	PCB-199	ND	C198	3.6	0.036
52663-73-7	PCB-200	ND		1.8	0.033
40186-71-8	PCB-201	ND		1.8	0.033
2136-99-4	PCB-202	ND		1.8	0.031
52663-76-0	PCB-203	ND		1.8	0.032
74472-52-9	PCB-204	ND		1.8	0.028
74472-53-0	PCB-205	ND		1.8	0.026
40186-72-9	PCB-206	ND		1.8	0.36
52663-79-3	PCB-207	ND		1.8	0.30
52663-77-1	PCB-208	ND		1.8	0.30
2051-24-3	PCB-209	ND		1.8	0.045

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 140-81427/19-B

Matrix: Sediment | Lab File ID: mb140-8142719-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.055(g) | Date Analyzed: 01/03/2024 18:30

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	101		30-140
208263-77-8	PCB-3L	94		30-140
234432-86-1	PCB-4L	100		30-140
208263-67-6	PCB-15L	95		30-140
234432-87-2	PCB-19L	90		30-140
208263-79-0	PCB-37L	87		30-140
234432-88-3	PCB-54L	96		30-140
105600-23-5	PCB-77L	86		30-140
208461-24-9	PCB-81L	79		30-140
234432-89-4	PCB-104L	108		30-140
208263-62-1	PCB-105L	101		30-140
208263-63-2	PCB-114L	103		30-140
104130-40-7	PCB-118L	106		30-140
208263-64-3	PCB-123L	104		30-140
208263-65-4	PCB-126L	108		30-140
234432-90-7	PCB-155L	103		30-140
208263-68-7	PCB-156L	98	C	30-140
235416-30-5	PCB-157L	98	C156	30-140
208263-69-8	PCB-167L	101		30-140
208263-70-1	PCB-169L	97		30-140
160901-80-4	PCB-170L	97		30-140
234432-91-8	PCB-188L	104		30-140
208263-73-4	PCB-189L	97		30-140
105600-26-8	PCB-202L	98		30-140
234446-64-1	PCB-205L	100		30-140
208263-75-6	PCB-206L	105		30-140
234432-92-9	PCB-208L	106		30-140
105600-27-9	PCB-209L	108		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Lims ID: MB 140-81427/19-B
Client ID:
Sample Type: MB
Inject. Date: 03-Jan-2024 18:30:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031071-007
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 03-Jan-2024 20:00:49 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 03-Jan-2024 20:00:49

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls							0.0220	0.0220		
D PCB-1L	11:40	5401652	3.19	1.3572	101.3	101.3	0.2527	0.2527	101	
D PCB-3L	13:50	5225626	3.20	1.4136	94.1	94.1	0.2426	0.2426	94.10	
PCB-1	11:44						0.0166	0.0166		
PCB-2	13:43						0.0184	0.0184		
PCB-3	13:54						0.0220	0.0220		
S Total Dichlorobiphenyls					0.1264	0.1264	0.0372	0.0372		
D PCB-4L	14:05	2426583	1.54	0.6168	100.1	100.1	0.1116	0.1116	100	
* PCB-9L	16:03	3928270	1.58	2E+05	100.0	100.0				
$ PCB-8L	16:57						0.0883	0.0883		
D PCB-15L	19:58	4172352	1.60	1.1198	94.9	94.9	0.0615	0.0615	94.85	
PCB-4	14:09						0.0398	0.0398		
PCB-10	14:20						0.0420	0.0420		
PCB-9	16:07						0.0355	0.0355		
PCB-7	16:17						0.0388	0.0388		
PCB-6	16:31						0.0324	0.0324		
PCB-5	16:49						0.0397	0.0397		
PCB-8	16:57						0.0319	0.0319		
PCB-14	18:35						0.0377	0.0377		
PCB-11	19:23	6014	1.59	1.4418	0.1264	0.1264	0.0336	0.0336		M
PCB-12	19:44						0.0374	0.0374		
PCB-13 (C12)	19:44						0.0374	0.0374		
PCB-15	20:03						0.0406	0.0406		
S Total Trichlorobiphenyls					0.1566	0.1312	0.0340	0.0340		RQ
D PCB-19L	17:11	1611603	1.07	0.6075	90.1	90.1	1.517	1.517	90.10	
* PCB-32L	20:27	2944375	1.06	1.4E+05	100.0	100.0				
* PCB-31L	22:43	7189947	1.05	3.1E+05	100.0	100.0				
$ PCB-28L	23:03						0.1035	0.1035		
D PCB-37L	27:02	5613404	1.06	0.8960	87.1	87.1	0.1142	0.1142	87.14	
PCB-19	17:16						0.0339	0.0339		
PCB-18	19:06						0.0242	0.0242		
PCB-30 (C18)	19:06						0.0242	0.0242		
PCB-17	19:32						0.0360	0.0360		
PCB-27	19:45						0.0255	0.0255		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-24	19:53						0.0246	0.0246		
PCB-16	20:00						0.0364	0.0364		
PCB-32	20:28	1080	1.04	1.9703	0.0499	0.0340	0.0222	0.0222		RQ
PCB-34	21:46						0.0415	0.0415		
PCB-23	21:56						0.0405	0.0405		
PCB-26	22:15						0.0417	0.0417		
PCB-29 (C26)	22:15						0.0417	0.0417		
PCB-25	22:28						0.0322	0.0322		
PCB-31	22:47	4123	1.16	1.2369	0.0594	0.0594	0.0338	0.0338		M
PCB-20	23:05						0.0377	0.0377		
PCB-28 (C20)	23:05						0.0377	0.0377		
PCB-21	23:17	2384	1.04	1.1245	0.0473	0.0378	0.0372	0.0372		RQ
PCB-33 (C21)	23:17	2384	1.04	1.1245	0.0473	0.0378	0.0372	0.0372		RQ
PCB-22	23:42						0.0348	0.0348		
PCB-36	25:16						0.0323	0.0323		
PCB-39	25:38						0.0360	0.0360		
PCB-38	26:12						0.0356	0.0356		
PCB-35	26:40						0.0370	0.0370		
PCB-37	27:05						0.0366	0.0366		
S Total Tetrachlorobiphenyls					0.2303	0.2180	0.0308	0.0308		RQ
D PCB-54L	20:16	1919777	0.80	0.6773	96.3	96.3	0.0681	0.0681	96.27	
* PCB-52L	24:51	3884269	0.79	1.6E+05	100.0	100.0				
$ PCB-79L	32:48						0.1993	0.1993		
D PCB-81L	33:47	4124920	0.79	1.3497	78.7	78.7	0.1335	0.1335	78.68	
D PCB-77L	34:21	4777244	0.79	1.4256	86.3	86.3	0.1264	0.1264	86.27	
PCB-54	20:20						0.0144	0.0144		
PCB-50	22:31						0.0399	0.0399		
PCB-53 (C50)	22:31						0.0399	0.0399		
PCB-45	23:15						0.0434	0.0434		
PCB-51 (C45)	23:15						0.0434	0.0434		
PCB-46	23:29						0.0518	0.0518		
PCB-52	24:52	2132	0.77	0.8488	0.0628	0.0564	0.0361	0.0361		RQ
PCB-43	25:03						0.0343	0.0343		
PCB-73 (C43)	25:03						0.0343	0.0343		
PCB-49	25:22						0.0343	0.0343		
PCB-69 (C49)	25:22						0.0343	0.0343		
PCB-48	25:40						0.0408	0.0408		
PCB-44	25:55						0.0365	0.0365		
PCB-47 (C44)	25:55						0.0365	0.0365		
PCB-65 (C44)	25:55						0.0365	0.0365		
PCB-59	26:14						0.0305	0.0305		
PCB-62 (C59)	26:14						0.0305	0.0305		
PCB-75 (C59)	26:14						0.0305	0.0305		
PCB-42	26:25						0.0445	0.0445		
PCB-40	26:55						0.0402	0.0402		
PCB-41 (C40)	26:55						0.0402	0.0402		
PCB-71 (C40)	26:55						0.0402	0.0402		
PCB-64	27:08						0.0297	0.0297		
PCB-72	27:58						0.0263	0.0263		
PCB-68	28:15						0.0272	0.0272		
PCB-57	28:40						0.0276	0.0276		
PCB-58	28:55						0.0238	0.0238		
PCB-67	29:05						0.0231	0.0231		
PCB-63	29:21						0.0288	0.0288		
PCB-61	29:38	6175	0.75	1.1549	0.1201	0.1201	0.0265	0.0265		M
PCB-70 (C61)	29:38	6175	0.75	1.1549	0.1201	0.1201	0.0265	0.0265		M
PCB-74 (C61)	29:38	6175	0.75	1.1549	0.1201	0.1201	0.0265	0.0265		M
PCB-76 (C61)	29:38	6175	0.75	1.1549	0.1201	0.1201	0.0265	0.0265		M
PCB-66	30:01	2273	0.77	1.2325	0.0474	0.0414	0.0248	0.0248		RQ
PCB-55	30:10						0.0242	0.0242		
PCB-56	30:41						0.0252	0.0252		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-60	30:54						0.0290	0.0290		
PCB-80	31:18						0.0240	0.0240		
PCB-79	32:50						0.0212	0.0212		
PCB-78	33:23						0.0253	0.0253		
PCB-81	33:49						0.0326	0.0326		
PCB-77	34:23						0.0271	0.0271		
S Total Pentachlorobiphenyls					0.1646	0.1121	0.0342	0.0342		RQ
D PCB-104L	25:47	3250913	1.60	1.1880	108.5	108.5	0.0614	0.0614	108	
$ PCB-95L	28:47						0.0763	0.0763		
* PCB-101L	31:42	2523072	1.61	1.2E+05	100.0	100.0				
$ PCB-111L	34:25						0.0618	0.0618		
D PCB-123L	36:20	4216084	1.56	0.9399	103.9	103.9	1.143	1.143	104	
D PCB-118L	36:40	4472154	1.54	0.9794	105.8	105.8	1.097	1.097	106	
D PCB-114L	37:11	4332307	1.60	0.9767	102.7	102.7	1.100	1.100	103	
D PCB-105L	37:50	4203895	1.55	0.9600	101.4	101.4	1.119	1.119	101	
* PCB-127L	39:19	4317991	1.56	2.1E+05	100.0	100.0				
D PCB-126L	40:55	4473969	1.57	0.9554	108.4	108.4	1.124	1.124	108	
PCB-104	25:50						0.0270	0.0270		
PCB-96	26:13						0.0236	0.0236		
PCB-103	28:09						0.0326	0.0326		
PCB-94	28:22						0.0391	0.0391		
PCB-95	28:49						0.0343	0.0343		
PCB-93	29:02						0.0347	0.0347		
PCB-100 (C93)	29:02						0.0347	0.0347		
PCB-98	29:11						0.0296	0.0296		
PCB-102 (C98)	29:11						0.0296	0.0296		
PCB-88	29:40						0.0338	0.0338		
PCB-91 (C88)	29:40						0.0338	0.0338		
PCB-84	29:54						0.0396	0.0396		
PCB-89	30:22						0.0320	0.0320		
PCB-121	30:48						0.0211	0.0211		
PCB-92	31:10						0.0348	0.0348		
PCB-90	31:41	925	1.55	0.9542	0.0518	0.0298	0.0284	0.0284		RQM
PCB-101 (C90)	31:41	925	1.55	0.9542	0.0518	0.0298	0.0284	0.0284		RQM
PCB-113 (C90)	31:41	925	1.55	0.9542	0.0518	0.0298	0.0284	0.0284		RQM
PCB-83	32:20						0.0307	0.0307		
PCB-99 (C83)	32:20						0.0307	0.0307		
PCB-112	32:27						0.0192	0.0192		
PCB-86	32:49						0.0264	0.0264		
PCB-87 (C86)	32:49						0.0264	0.0264		
PCB-97 (C86)	32:49						0.0264	0.0264		
PCB-109 (C86)	32:49						0.0264	0.0264		
PCB-119 (C86)	32:49						0.0264	0.0264		
PCB-125 (C86)	32:49						0.0264	0.0264		
PCB-85	33:34	1361	1.55	1.0238	0.0630	0.0409	0.0265	0.0265		RQ
PCB-116 (C85)	33:34	1361	1.55	1.0238	0.0630	0.0409	0.0265	0.0265		RQ
PCB-117 (C85)	33:34	1361	1.55	1.0238	0.0630	0.0409	0.0265	0.0265		RQ
PCB-110	33:42	1825	1.55	1.3556	0.0498	0.0414	0.0200	0.0200		RQ
PCB-115 (C110)	33:42	1825	1.55	1.3556	0.0498	0.0414	0.0200	0.0200		RQ
PCB-82	34:02						0.0319	0.0319		
PCB-111	34:26						0.0222	0.0222		
PCB-120	34:54						0.0179	0.0179		
PCB-108	36:02						0.0459	0.0459		
PCB-124 (C108)	36:02						0.0459	0.0459		
PCB-107	36:16						0.0417	0.0417		
PCB-123	36:23						0.0486	0.0486		
PCB-106	36:30						0.0428	0.0428		
PCB-118	36:43						0.0467	0.0467		
PCB-122	37:03						0.0540	0.0540		
PCB-114	37:15						0.0443	0.0443		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-105	37:53						0.0477	0.0477		
PCB-127	39:22						0.0423	0.0423		
PCB-126	40:58						0.0425	0.0425		
S Total Hexachlorobiphenyls							0.0329	0.0329		
D PCB-155L	31:27	2939406	1.29	1.1357	102.6	102.6	0.0590	0.0590	103	
$ PCB-153L	38:32	54687	1.27	0.8141	1.652	1.652	1.038	1.038		
* PCB-138L	39:46	3252055	1.29	1.5E+05	100.0	100.0				
D PCB-167L	42:47	4165127	1.27	1.2662	101.2	101.2	0.6757	0.6757	101	
D PCB-156L	43:56	7986863	1.28	1.2515	196.2	196.2	0.6836	0.6836	98.12	
D PCB-157L (C156L)	43:56	7986863	1.28	1.2515	196.2	196.2	0.6836	0.6836	98.12	
D PCB-169L	47:10	4113850	1.27	1.3070	96.8	96.8	0.6545	0.6545	96.78	
PCB-155	31:31						0.0144	0.0144		
PCB-152	31:43						0.0119	0.0119		
PCB-150	31:53						0.0134	0.0134		
PCB-136	32:14						0.0139	0.0139		
PCB-145	32:33						0.0124	0.0124		
PCB-148	34:03						0.0182	0.0182		
PCB-135	34:39						0.0181	0.0181		
PCB-151 (C135)	34:39						0.0181	0.0181		
PCB-154	34:54						0.0163	0.0163		
PCB-144	35:12						0.0182	0.0182		
PCB-147	35:34						0.0242	0.0242		
PCB-149 (C147)	35:34						0.0242	0.0242		
PCB-134	35:52						0.0307	0.0307		
PCB-143 (C134)	35:52						0.0307	0.0307		
PCB-139	36:10						0.0250	0.0250		
PCB-140 (C139)	36:10						0.0250	0.0250		
PCB-131	36:22						0.0305	0.0305		
PCB-142	36:31						0.0309	0.0309		
PCB-132	36:50						0.0296	0.0296		
PCB-133	37:20						0.0269	0.0269		
PCB-165	37:44						0.0218	0.0218		
PCB-146	37:59						0.0228	0.0228		
PCB-161	38:07						0.0183	0.0183		
PCB-153	38:37						0.0200	0.0200		
PCB-168 (C153)	38:37						0.0200	0.0200		
PCB-141	38:47						0.0276	0.0276		
PCB-130	39:12						0.0329	0.0329		
PCB-137	39:25						0.0278	0.0278		
PCB-164	39:32						0.0187	0.0187		
PCB-129	39:51						0.0237	0.0237		
PCB-138 (C129)	39:51						0.0237	0.0237		
PCB-160 (C129)	39:51						0.0237	0.0237		
PCB-163 (C129)	39:51						0.0237	0.0237		
PCB-158	40:13						0.0185	0.0185		
PCB-128	41:05						0.0220	0.0220		
PCB-166 (C128)	41:05						0.0220	0.0220		
PCB-159	42:05						0.0160	0.0160		
PCB-162	42:22						0.0191	0.0191		
PCB-167	42:50						0.0156	0.0156		
PCB-156	44:00						0.0234	0.0234		
PCB-157 (C156)	44:00						0.0234	0.0234		
PCB-169	47:14						0.0151	0.0151		
S Total Heptachlorobiphenyls					0.1377	0.0717	0.0108	0.0108		RQ
D PCB-188L	37:11	3434367	1.05	1.2605	103.6	103.6	0.0405	0.0405	104	
$ PCB-178L	40:17						0.0611	0.0611		
* PCB-180L	45:19	2630864	1.07	1.2E+05	100.0	100.0				
D PCB-170L	46:35	2174030	1.07	0.8524	96.9	96.9	0.0600	0.0600	96.94	
D PCB-189L	49:42	4871166	1.05	1.4740	96.6	96.6	0.9735	0.9735	96.63	
PCB-188	37:15						0.008584	0.008584		

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-179	37:35						0.008074	0.008074		
PCB-184	38:04	300	1.05	1.2996	0.0246	0.008232	0.008704	0.008704		RQ
PCB-176	38:25	83	1.05	1.1987	0.0150	0.002469	0.009437	0.009437		RQ
PCB-186	38:55						0.007687	0.007687		
PCB-178	40:18						0.0128	0.0128		
PCB-175	40:56						0.0125	0.0125		
PCB-187	41:12						0.009816	0.009816		
PCB-182	41:24						0.0102	0.0102		
PCB-183	41:45	1126	1.05	0.9716	0.0700	0.0413	0.0116	0.0116		RQ
PCB-185 (C183)	41:45	1126	1.05	0.9716	0.0700	0.0413	0.0116	0.0116		RQ
PCB-174	42:03						0.0113	0.0113		
PCB-177	42:29						0.0118	0.0118		
PCB-181	42:53						0.0107	0.0107		
PCB-171	43:05						0.0126	0.0126		
PCB-173 (C171)	43:05						0.0126	0.0126		
PCB-172	44:44						0.0122	0.0122		
PCB-192	44:59	781	1.05	1.4131	0.0281	0.0197	0.008005	0.008005		RQ
PCB-180	45:21						0.009687	0.009687		
PCB-193 (C180)	45:21						0.009687	0.009687		
PCB-191	45:44						0.008908	0.008908		
PCB-170	46:38						0.0138	0.0138		
PCB-190	47:10						0.008699	0.008699		
PCB-189	49:45						0.0190	0.0190		
S Total Octachlorobiphenyls							0.0220	0.0220		
D PCB-202L	42:33	2666792	0.91	1.0390	97.6	97.6	0.0541	0.0541	97.56	
* PCB-194L	51:49	3420163	0.94	1.5E+05	100.0	100.0				
D PCB-205L	52:16	4167182	0.90	1.2166	100.2	100.2	0.7666	0.7666	100	
PCB-202	42:37						0.0172	0.0172		
PCB-201	43:32						0.0181	0.0181		
PCB-204	44:12						0.0156	0.0156		
PCB-197	44:26						0.0165	0.0165		
PCB-200	44:32						0.0179	0.0179		
PCB-198	47:19						0.0196	0.0196		
PCB-199 (C198)	47:19						0.0196	0.0196		
PCB-196	48:00						0.0220	0.0220		
PCB-203	48:12						0.0179	0.0179		
PCB-195	49:31						0.0194	0.0194		
PCB-194	51:52						0.0174	0.0174		
PCB-205	52:20						0.0143	0.0143		
S Total Nonachlorobiphenyls							0.1960	0.1960		
D PCB-208L	49:14	3719493	0.81	1.0234	106.3	106.3	1.482	1.482	106	
D PCB-206L	54:02	2617567	0.79	0.7298	104.9	104.9	2.078	2.078	105	
PCB-208	49:18						0.1631	0.1631		
PCB-207	50:13						0.1635	0.1635		
PCB-206	54:05						0.1960	0.1960		
D PCB-209L	55:40	2785476	0.72	0.7565	107.7	107.7	0.0811	0.0811	108	
DCB Decachlorobiphenyl	55:44						0.0248	0.0248		
S Polychlorinated biphenyls, Total					0.8157		0.0470	0.0470		RQ
PCB-28L (PRC)	0.0						0.0	0.0		
PCB-47L (PRC)	0.0						0.0	0.0		
PCB-8L (PRC)	0.0						0.0	0.0		

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags
M - Manually Integrated

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Lims ID: MB 140-81427/19-B
Client ID:
Sample Type: MB
Inject. Date: 03-Jan-2024 18:30:00 ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 140-0031071-007
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 03-Jan-2024 20:00:49 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 03-Jan-2024 20:00:49

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:40	11:41	-3	0.727	4113882	1462223	689	1722	2122		
202.0766	11:40	11:41	-3	0.727	1287770	453009	696	1740	651	3.19(2.66-3.60)	
PCB-3L											
200.0795	13:50	13:51	-3	0.862	3981882	1093879	689	1722	1588		
202.0766	13:50	13:51	-3	0.862	1243744	340783	696	1740	490	3.20(2.66-3.60)	
PCB-1											
188.0393	11:41						90	225			
190.0363	11:41						66	165			
PCB-2											
188.0393	13:40						90	225			
190.0363	13:40						66	165			
PCB-3											
188.0393	13:51						90	225			
190.0363	13:51						66	165			
PCB-4L											
234.0406	14:05	14:05	-3	0.878	1472320	415035	204	510	2034		
236.0376	14:05	14:05	-3	0.877	954263	271768	74	185	3673	1.54(1.33-1.79)	
PCB-9L											
234.0406	16:03	16:06	-3		2407034	609441	204	510	2987		
236.0376	16:03	16:06	-3		1521236	400077	74	185	5406	1.58(1.33-1.79)	
PCB-8L											
234.0406	16:54						204	510			
236.0376	16:54						74	185			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-15L											
234.0406	19:58	19:58	-3	1.245	2565888	466386	204	510	2286		
236.0376	19:58	19:58	-3	1.245	1606464	290552	74	185	3926	1.60(1.33-1.79)	
PCB-4											
222.0003	14:07						74	185			
223.9974	14:07						66	165			
PCB-10											
222.0003	14:17						74	185			
223.9974	14:17						66	165			
PCB-9											
222.0003	16:04						74	185			
223.9974	16:04						66	165			
PCB-7											
222.0003	16:14						74	185			
223.9974	16:14						66	165			
PCB-6											
222.0003	16:28						74	185			
223.9974	16:28						66	165			
PCB-5											
222.0003	16:46						74	185			
223.9974	16:46						66	165			
PCB-8											
222.0003	16:54						74	185			
223.9974	16:54						66	165			
PCB-14											
222.0003	18:32						74	185			
223.9974	18:32						66	165			
PCB-11											M
222.0003	19:23	19:23	-3	0.970	3695	809	74	185	11		M
223.9974	19:24	19:23	-2	0.971	2319	543	66	165	8	1.59(1.33-1.79)	
PCB-12											
222.0003	19:40						74	185			
223.9974	19:40						66	165			
PCB-13 (C12)											
222.0003	19:40						74	185			
223.9974	19:40						66	165			
PCB-15											
222.0003	19:59						74	185			
223.9974	19:59						66	165			
PCB-19L											
268.0016	17:11	17:12	-3	0.841	832874	205842	2066	5165	100		
269.9986	17:11	17:12	-3	0.841	778729	194583	291	727	669	1.07(0.88-1.20)	
PCB-32L											
268.0016	20:27	20:29	-3		1514950	330763	2066	5165	160		
269.9986	20:27	20:29	-3		1429425	308396	291	727	1060	1.06(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-31L											
268.0016	22:43	22:45	-3		3683756	749509	329	822	2278		
269.9986	22:43	22:45	-3		3506191	707357	267	667	2649	1.05(0.88-1.20)	
PCB-28L											
268.0016	23:00						329	822			
269.9986	23:00						267	667			
PCB-37L											
268.0016	27:02	27:01	-2	1.190	2890135	452663	329	822	1376		
269.9986	27:01	27:01	-3	1.190	2723269	431225	267	667	1615	1.06(0.88-1.20)	
PCB-19											
255.9613	17:13						40	100			
257.9584	17:13						30	75			
PCB-18											
255.9613	19:03						40	100			
257.9584	19:03						30	75			
PCB-30 (C18)											
255.9613	19:03						40	100			
257.9584	19:03						30	75			
PCB-17											
255.9613	19:29						40	100			
257.9584	19:29						30	75			
PCB-27											
255.9613	19:42						40	100			
257.9584	19:42						30	75			
PCB-24											
255.9613	19:50						40	100			
257.9584	19:50						30	75			
PCB-16											
255.9613	19:57						40	100			
257.9584	19:57						30	75			
PCB-32											RQ
255.9613	20:28	20:27	-2	1.191	551	235	40	100	6		
257.9584	20:29	20:27	-1	1.192	1034	333	30	75	11	0.53(0.88-1.20)	
	Empc Correction				529	225	30	75	8		
PCB-34											
255.9613	21:43						78	195			
257.9584	21:43						70	175			
PCB-23											
255.9613	21:52						78	195			
257.9584	21:52						70	175			
PCB-26											
255.9613	22:11						78	195			
257.9584	22:11						70	175			
PCB-29 (C26)											
255.9613	22:11						78	195			
257.9584	22:11						70	175			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-25											
255.9613	22:26						78	195			
257.9584	22:26						70	175			
PCB-31											M
255.9613	22:47	22:47	0	0.843	2212	539	78	195	7		M
257.9584	22:44	22:47	-3	0.841	1911	415	70	175	6	1.16(0.88-1.20)	
PCB-20											
255.9613	23:04						78	195			
257.9584	23:04						70	175			
PCB-28 (C20)											
255.9613	23:04						78	195			
257.9584	23:04						70	175			
PCB-21											RQ
255.9613	23:17	23:14	2	0.861	1819	376	78	195	5		
	Empc Correction				1215	486	78	195	6		
257.9584	23:17	23:14	2	0.861	1169	468	70	175	7	1.56(0.88-1.20)	
PCB-33 (C21)											RQ
255.9613	23:17	23:14	2	0.861	1819	376	78	195	5		
	Empc Correction				1215	486	78	195	6		
257.9584	23:17	23:14	2	0.861	1169	468	70	175	7	1.56(0.88-1.20)	
PCB-22											
255.9613	23:41						78	195			
257.9584	23:41						70	175			
PCB-36											
255.9613	25:14						78	195			
257.9584	25:14						70	175			
PCB-39											
255.9613	25:36						78	195			
257.9584	25:36						70	175			
PCB-38											
255.9613	26:11						78	195			
257.9584	26:11						70	175			
PCB-35											
255.9613	26:38						78	195			
257.9584	26:38						70	175			
PCB-37											
255.9613	27:03						78	195			
257.9584	27:03						70	175			
PCB-54L											
301.9626	20:16	20:18	-3	0.815	851921	192741	89	222	2166		
303.9597	20:16	20:18	-3	0.815	1067856	251736	29	72	8681	0.80(0.65-0.89)	
PCB-52L											
301.9626	24:51	24:53	-2		1717913	338652	252	630	1344		
303.9597	24:51	24:53	-2		2166356	426984	300	750	1423	0.79(0.65-0.89)	
PCB-79L											
301.9626	32:46						252	630			
303.9597	32:46						300	750			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-81L											
301.9626	33:47	33:46	-2	1.360	1818955	306140	252	630	1215		
303.9597	33:47	33:46	-2	1.360	2305965	388348	300	750	1294	0.79(0.65-0.89)	
PCB-77L											
301.9626	34:21	34:20	-2	1.382	2102683	363910	252	630	1444		
303.9597	34:21	34:20	-2	1.382	2674561	444015	300	750	1480	0.79(0.65-0.89)	
PCB-54											
289.9224	20:20						17	42			
291.9194	20:20						14	35			
PCB-50											
289.9224	22:27						29	72			
291.9194	22:27						63	157			
PCB-53 (C50)											
289.9224	22:27						29	72			
291.9194	22:27						63	157			
PCB-45											
289.9224	23:11						29	72			
291.9194	23:11						63	157			
PCB-51 (C45)											
289.9224	23:11						29	72			
291.9194	23:11						63	157			
PCB-46											
289.9224	23:25						29	72			
291.9194	23:25						63	157			
PCB-52											RQ
289.9224	24:52	24:50	-2	1.228	1167	298	29	72	10		
	Empc Correction				927	257	29	72	9		
291.9194	24:52	24:50	-2	1.228	1205	334	63	157	5	0.97(0.65-0.89)	
PCB-43											
289.9224	24:58						29	72			
291.9194	24:58						63	157			
PCB-73 (C43)											
289.9224	24:58						29	72			
291.9194	24:58						63	157			
PCB-49											
289.9224	25:18						29	72			
291.9194	25:18						63	157			
PCB-69 (C49)											
289.9224	25:18						29	72			
291.9194	25:18						63	157			
PCB-48											
289.9224	25:36						29	72			
291.9194	25:36						63	157			
PCB-44											
289.9224	25:50						29	72			
291.9194	25:50						63	157			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-47 (C44)											
289.9224	25:50						29	72			
291.9194	25:50						63	157			
PCB-65 (C44)											
289.9224	25:50						29	72			
291.9194	25:50						63	157			
PCB-59											
289.9224	26:10						29	72			
291.9194	26:10						63	157			
PCB-62 (C59)											
289.9224	26:10						29	72			
291.9194	26:10						63	157			
PCB-75 (C59)											
289.9224	26:10						29	72			
291.9194	26:10						63	157			
PCB-42											
289.9224	26:21						29	72			
291.9194	26:21						63	157			
PCB-40											
289.9224	26:51						29	72			
291.9194	26:51						63	157			
PCB-41 (C40)											
289.9224	26:51						29	72			
291.9194	26:51						63	157			
PCB-71 (C40)											
289.9224	26:51						29	72			
291.9194	26:51						63	157			
PCB-64											
289.9224	27:04						29	72			
291.9194	27:04						63	157			
PCB-72											
289.9224	27:57						29	72			
291.9194	27:57						63	157			
PCB-68											
289.9224	28:13						29	72			
291.9194	28:13						63	157			
PCB-57											
289.9224	28:39						29	72			
291.9194	28:39						63	157			
PCB-58											
289.9224	28:53						29	72			
291.9194	28:53						63	157			
PCB-67											
289.9224	29:03						29	72			
291.9194	29:03						63	157			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-63											
289.9224	29:19						29	72			
291.9194	29:19						63	157			
PCB-61											M
289.9224	29:38	29:35	-3	0.877	2645	633	29	72	22		M
291.9194	29:35	29:35	-6	0.876	3530	423	63	157	7	0.75(0.65-0.89)	M
PCB-70 (C61)											M
289.9224	29:38	29:35	-3	0.877	2645	633	29	72	22		M
291.9194	29:35	29:35	-6	0.876	3530	423	63	157	7	0.75(0.65-0.89)	M
PCB-74 (C61)											M
289.9224	29:38	29:35	-3	0.877	2645	633	29	72	22		M
291.9194	29:35	29:35	-6	0.876	3530	423	63	157	7	0.75(0.65-0.89)	M
PCB-76 (C61)											M
289.9224	29:38	29:35	-3	0.877	2645	633	29	72	22		M
291.9194	29:35	29:35	-6	0.876	3530	423	63	157	7	0.75(0.65-0.89)	M
PCB-66											RQ
289.9224	30:01	29:58	0	0.888	989	241	29	72	8		
291.9194	30:03	29:58	3	0.890	1610	367	63	157	6	0.61(0.65-0.89)	
	Empc Correction				1284	312	63	157	5		
PCB-55											
289.9224	30:08						29	72			
291.9194	30:08						63	157			
PCB-56											
289.9224	30:39						29	72			
291.9194	30:39						63	157			
PCB-60											
289.9224	30:52						29	72			
291.9194	30:52						63	157			
PCB-80											
289.9224	31:17						29	72			
291.9194	31:17						63	157			
PCB-79											
289.9224	32:48						29	72			
291.9194	32:48						63	157			
PCB-78											
289.9224	33:21						29	72			
291.9194	33:21						63	157			
PCB-81											
289.9224	33:48						29	72			
291.9194	33:48						63	157			
PCB-77											
289.9224	34:21						29	72			
291.9194	34:21						63	157			
PCB-104L											
337.9207	25:47	25:47	-2	0.813	2002080	410239	82	205	5003		
339.9178	25:47	25:47	-2	0.813	1248833	252896	56	140	4516	1.60(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-95L											
337.9207	28:45						82	205			
339.9178	28:45						56	140			
PCB-101L											
337.9207	31:42	31:44	-2		1555581	292259	82	205	3564		
339.9178	31:42	31:44	-2		967491	180634	56	140	3226	1.61(1.32-1.78)	
PCB-111L											
337.9207	34:23						82	205			
339.9178	34:23						56	140			
PCB-123L											
337.9207	36:20	36:20	-2	1.146	2568073	475241	1950	4875	244		
339.9178	36:20	36:20	-2	1.146	1648011	307512	1408	3520	218	1.56(1.32-1.78)	
PCB-118L											
337.9207	36:40	36:39	-2	1.157	2713642	505364	1950	4875	259		
339.9178	36:40	36:39	-2	1.157	1758512	323442	1408	3520	230	1.54(1.32-1.78)	
PCB-114L											
337.9207	37:11	37:11	-2	1.173	2667151	506791	1950	4875	260		
339.9178	37:11	37:11	-2	1.173	1665156	313264	1408	3520	222	1.60(1.32-1.78)	
PCB-105L											
337.9207	37:50	37:50	-2	1.194	2558258	467074	1950	4875	240		
339.9178	37:50	37:50	-2	1.194	1645637	306068	1408	3520	217	1.55(1.32-1.78)	
PCB-127L											
337.9207	39:19	39:21	-2		2631033	473018	1950	4875	243		
339.9178	39:19	39:21	-2		1686958	308430	1408	3520	219	1.56(1.32-1.78)	
PCB-126L											
337.9207	40:55	40:55	-3	1.291	2733503	466429	1950	4875	239		
339.9178	40:55	40:55	-3	1.291	1740466	294498	1408	3520	209	1.57(1.32-1.78)	
PCB-104											
325.8804	25:48						50	125			
327.8775	25:48						22	55			
PCB-96											
325.8804	26:11						50	125			
327.8775	26:11						22	55			
PCB-103											
325.8804	28:07						50	125			
327.8775	28:07						22	55			
PCB-94											
325.8804	28:20						50	125			
327.8775	28:20						22	55			
PCB-95											
325.8804	28:47						50	125			
327.8775	28:47						22	55			
PCB-93											
325.8804	29:00						50	125			
327.8775	29:00						22	55			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-100 (C93)											
325.8804	29:00						50	125			
327.8775	29:00						22	55			
PCB-98											
325.8804	29:09						50	125			
327.8775	29:09						22	55			
PCB-102 (C98)											
325.8804	29:09						50	125			
327.8775	29:09						22	55			
PCB-88											
325.8804	29:38						50	125			
327.8775	29:38						22	55			
PCB-91 (C88)											
325.8804	29:38						50	125			
327.8775	29:38						22	55			
PCB-84											
325.8804	29:52						50	125			
327.8775	29:52						22	55			
PCB-89											
325.8804	30:20						50	125			
327.8775	30:20						22	55			
PCB-121											
325.8804	30:46						50	125			
327.8775	30:46						22	55			
PCB-92											
325.8804	31:08						50	125			
327.8775	31:08						22	55			
PCB-90											RQM
325.8804	31:41	31:41	-3	1.229	1244	305	50	125	6		M
	Empc Correction				562	148	50	125	3		
327.8775	31:41	31:41	-3	1.229	363	96	22	55	4	3.43(1.32-1.78)	
PCB-101 (C90)											RQM
325.8804	31:41	31:41	-3	1.229	1244	305	50	125	6		M
	Empc Correction				562	148	50	125	3		
327.8775	31:41	31:41	-3	1.229	363	96	22	55	4	3.43(1.32-1.78)	
PCB-113 (C90)											RQM
325.8804	31:41	31:41	-3	1.229	1244	305	50	125	6		M
	Empc Correction				562	148	50	125	3		
327.8775	31:41	31:41	-3	1.229	363	96	22	55	4	3.43(1.32-1.78)	
PCB-83											
325.8804	32:17						50	125			
327.8775	32:17						22	55			
PCB-99 (C83)											
325.8804	32:17						50	125			
327.8775	32:17						22	55			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-112											
325.8804	32:24						50	125			
327.8775	32:24						22	55			
PCB-86											
325.8804	32:47						50	125			
327.8775	32:47						22	55			
PCB-87 (C86)											
325.8804	32:47						50	125			
327.8775	32:47						22	55			
PCB-97 (C86)											
325.8804	32:47						50	125			
327.8775	32:47						22	55			
PCB-109 (C86)											
325.8804	32:47						50	125			
327.8775	32:47						22	55			
PCB-119 (C86)											
325.8804	32:47						50	125			
327.8775	32:47						22	55			
PCB-125 (C86)											
325.8804	32:47						50	125			
327.8775	32:47						22	55			
PCB-85											RQ
325.8804	33:34	33:30	1	1.302	1563	386	50	125	8		
	Empc Correction				827	173	50	125	3		
327.8775	33:31	33:30	-1	1.300	534	112	22	55	5	2.93(1.32-1.78)	
PCB-116 (C85)											RQ
325.8804	33:34	33:30	1	1.302	1563	386	50	125	8		
	Empc Correction				827	173	50	125	3		
327.8775	33:31	33:30	-1	1.300	534	112	22	55	5	2.93(1.32-1.78)	
PCB-117 (C85)											RQ
325.8804	33:34	33:30	1	1.302	1563	386	50	125	8		
	Empc Correction				827	173	50	125	3		
327.8775	33:31	33:30	-1	1.300	534	112	22	55	5	2.93(1.32-1.78)	
PCB-110											RQ
325.8804	33:42	33:44	-4	1.307	1479	460	50	125	9		
	Empc Correction				1109	309	50	125	6		
327.8775	33:43	33:44	-3	1.308	716	200	22	55	9	2.07(1.32-1.78)	
PCB-115 (C110)											RQ
325.8804	33:42	33:44	-4	1.307	1479	460	50	125	9		
	Empc Correction				1109	309	50	125	6		
327.8775	33:43	33:44	-3	1.308	716	200	22	55	9	2.07(1.32-1.78)	
PCB-82											
325.8804	34:00						50	125			
327.8775	34:00						22	55			
PCB-111											
325.8804	34:24						50	125			
327.8775	34:24						22	55			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-120											
325.8804	34:51						50	125			
327.8775	34:51						22	55			
PCB-108											
325.8804	36:00						93	232			
327.8775	36:00						66	165			
PCB-124 (C108)											
325.8804	36:00						93	232			
327.8775	36:00						66	165			
PCB-107											
325.8804	36:14						93	232			
327.8775	36:14						66	165			
PCB-123											
325.8804	36:21						93	232			
327.8775	36:21						66	165			
PCB-106											
325.8804	36:29						93	232			
327.8775	36:29						66	165			
PCB-118											
325.8804	36:41						93	232			
327.8775	36:41						66	165			
PCB-122											
325.8804	37:02						93	232			
327.8775	37:02						66	165			
PCB-114											
325.8804	37:13						93	232			
327.8775	37:13						66	165			
PCB-105											
325.8804	37:51						93	232			
327.8775	37:51						66	165			
PCB-127											
325.8804	39:20						93	232			
327.8775	39:20						66	165			
PCB-126											
325.8804	40:56						93	232			
327.8775	40:56						66	165			
PCB-155L											
371.8817	31:27	31:27	-2	0.791	1653045	318543	78	195	4084		
373.8788	31:27	31:27	-2	0.791	1286361	256296	49	122	5231	1.29(1.05-1.43)	
PCB-153L											
371.8817	38:32	38:32	-2	0.901	30619	7130	1199	2997	6		
373.8788	38:32	38:32	-2	0.901	24068	5070	935	2337	5	1.27(1.05-1.43)	
PCB-138L											
371.8817	39:46	39:49	-3		1832064	351902	1199	2997	293		
373.8788	39:46	39:49	-3		1419991	271700	935	2337	291	1.29(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-167L											
371.8817	42:47	42:46	-2	1.076	2331935	427869	1199	2997	357		
373.8788	42:47	42:46	-2	1.076	1833192	332372	935	2337	355	1.27(1.05-1.43)	
PCB-156L											
371.8817	43:56	43:55	-2	1.105	4490208	596640	1199	2997	498		
373.8788	43:55	43:55	-3	1.104	3496655	455851	935	2337	488	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:56	43:55	-2	1.105	4490208	596640	1199	2997	498		
373.8788	43:55	43:55	-3	1.104	3496655	455851	935	2337	488	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:10	47:10	-3	1.186	2300733	398739	1199	2997	333		
373.8788	47:10	47:10	-3	1.186	1813117	313363	935	2337	335	1.27(1.05-1.43)	
PCB-155											
359.8415	31:29						14	35			
361.8385	31:29						17	42			
PCB-152											
359.8415	31:41						14	35			
361.8385	31:41						17	42			
PCB-150											
359.8415	31:51						14	35			
361.8385	31:51						17	42			
PCB-136											
359.8415	32:12						14	35			
361.8385	32:12						17	42			
PCB-145											
359.8415	32:31						14	35			
361.8385	32:31						17	42			
PCB-148											
359.8415	34:01						14	35			
361.8385	34:01						17	42			
PCB-135											
359.8415	34:37						14	35			
361.8385	34:37						17	42			
PCB-151 (C135)											
359.8415	34:37						14	35			
361.8385	34:37						17	42			
PCB-154											
359.8415	34:52						14	35			
361.8385	34:52						17	42			
PCB-144											
359.8415	35:10						14	35			
361.8385	35:10						17	42			
PCB-147											
359.8415	35:32						27	67			
361.8385	35:32						26	65			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-149 (C147)											
359.8415	35:32						27	67			
361.8385	35:32						26	65			
PCB-134											
359.8415	35:50						27	67			
361.8385	35:50						26	65			
PCB-143 (C134)											
359.8415	35:50						27	67			
361.8385	35:50						26	65			
PCB-139											
359.8415	36:08						27	67			
361.8385	36:08						26	65			
PCB-140 (C139)											
359.8415	36:08						27	67			
361.8385	36:08						26	65			
PCB-131											
359.8415	36:20						27	67			
361.8385	36:20						26	65			
PCB-142											
359.8415	36:29						27	67			
361.8385	36:29						26	65			
PCB-132											
359.8415	36:48						27	67			
361.8385	36:48						26	65			
PCB-133											
359.8415	37:18						27	67			
361.8385	37:18						26	65			
PCB-165											
359.8415	37:42						27	67			
361.8385	37:42						26	65			
PCB-146											
359.8415	37:57						27	67			
361.8385	37:57						26	65			
PCB-161											
359.8415	38:05						27	67			
361.8385	38:05						26	65			
PCB-153											
359.8415	38:36						27	67			
361.8385	38:36						26	65			
PCB-168 (C153)											
359.8415	38:36						27	67			
361.8385	38:36						26	65			
PCB-141											
359.8415	38:45						27	67			
361.8385	38:45						26	65			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-130											
359.8415	39:10						27	67			
361.8385	39:10						26	65			
PCB-137											
359.8415	39:23						27	67			
361.8385	39:23						26	65			
PCB-164											
359.8415	39:31						27	67			
361.8385	39:31						26	65			
PCB-129											
359.8415	39:49						27	67			
361.8385	39:49						26	65			
PCB-138 (C129)											
359.8415	39:49						27	67			
361.8385	39:49						26	65			
PCB-160 (C129)											
359.8415	39:49						27	67			
361.8385	39:49						26	65			
PCB-163 (C129)											
359.8415	39:49						27	67			
361.8385	39:49						26	65			
PCB-158											
359.8415	40:12						27	67			
361.8385	40:12						26	65			
PCB-128											
359.8415	41:03						27	67			
361.8385	41:03						26	65			
PCB-166 (C128)											
359.8415	41:03						27	67			
361.8385	41:03						26	65			
PCB-159											
359.8415	42:03						27	67			
361.8385	42:03						26	65			
PCB-162											
359.8415	42:20						27	67			
361.8385	42:20						26	65			
PCB-167											
359.8415	42:48						27	67			
361.8385	42:48						26	65			
PCB-156											
359.8415	43:58						27	67			
361.8385	43:58						26	65			
PCB-157 (C156)											
359.8415	43:58						27	67			
361.8385	43:58						26	65			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-169											
359.8415	47:11						27	67			
361.8385	47:11						26	65			
PCB-188L											
405.8428	37:11	37:11	-2	0.821	1762460	338257	51	127	6632		
407.8398	37:11	37:11	-2	0.821	1671907	325241	50	125	6505	1.05(0.89-1.21)	
PCB-178L											
405.8428	40:14						51	127			
407.8398	40:14						50	125			
PCB-180L											
405.8428	45:19	45:22	-3		1362567	252793	51	127	4957		
407.8398	45:20	45:22	-2		1268297	240293	50	125	4806	1.07(0.89-1.21)	
PCB-170L											
405.8428	46:35	46:34	-2	1.028	1123496	205736	51	127	4034		
407.8398	46:35	46:34	-2	1.028	1050534	191640	50	125	3833	1.07(0.89-1.21)	
PCB-189L											
405.8428	49:42	49:41	-2	1.097	2499233	446127	1708	4270	261		
407.8398	49:41	49:41	-3	1.096	2371933	420064	1709	4272	246	1.05(0.89-1.21)	
PCB-188											
393.8025	37:13						1	2			
395.7995	37:13						23	57			
PCB-179											
393.8025	37:33						1	2			
395.7995	37:33						23	57			
PCB-184											RQ
393.8025	38:04	38:04	-2	1.024	154	82	1	2	82		
395.7995	38:02	38:04	-3	1.023	744	285	23	57	12	0.21(0.89-1.21)	
	Empc Correction				146	78	23	57	3		
PCB-176											RQ
393.8025	38:25	38:26	-3	1.033	43	22	1	2	22		
395.7995	38:28	38:26	1	1.035	460	111	23	57	5	0.09(0.89-1.21)	
	Empc Correction				40	20	23	57	1		
PCB-186											
393.8025	38:53						1	2			
395.7995	38:53						23	57			
PCB-178											
393.8025	40:16						1	2			
395.7995	40:16						23	57			
PCB-175											
393.8025	40:54						1	2			
395.7995	40:54						23	57			
PCB-187											
393.8025	41:10						1	2			
395.7995	41:10						23	57			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-182											
393.8025	41:22						1	2			
395.7995	41:22						23	57			
PCB-183											RQ
393.8025	41:45	41:46	-3	1.123	577	283	1	2	283		
395.7995	41:45	41:46	-3	1.123	1331	235	23	57	10	0.43(0.89-1.21)	
	Empc Correction				549	269	23	57	12		
PCB-185 (C183)											RQ
393.8025	41:45	41:46	-3	1.123	577	283	1	2	283		
395.7995	41:45	41:46	-3	1.123	1331	235	23	57	10	0.43(0.89-1.21)	
	Empc Correction				549	269	23	57	12		
PCB-174											
393.8025	42:01						1	2			
395.7995	42:01						23	57			
PCB-177											
393.8025	42:27						1	2			
395.7995	42:27						23	57			
PCB-181											
393.8025	42:50						1	2			
395.7995	42:50						23	57			
PCB-171											
393.8025	43:03						1	2			
395.7995	43:03						23	57			
PCB-173 (C171)											
393.8025	43:03						1	2			
395.7995	43:03						23	57			
PCB-172											
393.8025	44:42						1	2			
395.7995	44:42						23	57			
PCB-192											RQ
393.8025	44:59	44:59	-2	0.905	732	217	1	2	217		
	Empc Correction				400	211	1	2	211		
395.7995	44:57	44:59	-3	0.904	381	201	23	57	9	1.92(0.89-1.21)	
PCB-180											
393.8025	45:19						1	2			
395.7995	45:19						23	57			
PCB-193 (C180)											
393.8025	45:19						1	2			
395.7995	45:19						23	57			
PCB-191											
393.8025	45:43						1	2			
395.7995	45:43						23	57			
PCB-170											
393.8025	46:36						1	2			
395.7995	46:36						23	57			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-190											
393.8025	47:08						1	2			
395.7995	47:08						23	57			
PCB-189											
393.8025	49:44						31	77			
395.7995	49:44						36	90			
PCB-202L											
439.8038	42:33	42:34	-3	0.821	1273716	237308	30	75	7910		
441.8008	42:33	42:34	-3	0.821	1393076	253126	81	202	3125	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:49	51:50	-2		1652937	291119	1193	2982	244		
441.8008	51:48	51:50	-3		1767226	304154	1028	2570	296	0.94(0.76-1.02)	
PCB-205L											
439.8038	52:16	52:17	-3	1.009	1977812	353299	1193	2982	296		
441.8008	52:16	52:17	-3	1.009	2189370	392241	1028	2570	382	0.90(0.76-1.02)	
PCB-202											
427.7635	42:34						23	57			
429.7606	42:34						11	27			
PCB-201											
427.7635	43:29						23	57			
429.7606	43:29						11	27			
PCB-204											
427.7635	44:10						23	57			
429.7606	44:10						11	27			
PCB-197											
427.7635	44:23						23	57			
429.7606	44:23						11	27			
PCB-200											
427.7635	44:29						23	57			
429.7606	44:29						11	27			
PCB-198											
427.7635	47:16						23	57			
429.7606	47:16						11	27			
PCB-199 (C198)											
427.7635	47:16						23	57			
429.7606	47:16						11	27			
PCB-196											
427.7635	47:58						23	57			
429.7606	47:58						11	27			
PCB-203											
427.7635	48:10						23	57			
429.7606	48:10						11	27			
PCB-195											
427.7635	49:28						21	52			
429.7606	49:28						27	67			

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-194											
427.7635	51:49						21	52			
429.7606	51:49						27	67			
PCB-205											
427.7635	52:17						21	52			
429.7606	52:17						27	67			
PCB-208L											
473.7648	49:14	49:14	-2	0.950	1659641	309574	1378	3445	225		
475.7619	49:14	49:14	-2	0.950	2059852	380551	2233	5582	170	0.81(0.65-0.89)	
PCB-206L											
473.7648	54:02	54:02	-2	1.043	1155963	210179	1378	3445	153		
475.7619	54:02	54:02	-2	1.043	1461604	267591	2233	5582	120	0.79(0.65-0.89)	
PCB-208											
461.7246	49:16						7	17			
463.7216	49:16						464	1160			
PCB-207											
461.7246	50:11						7	17			
463.7216	50:11						464	1160			
PCB-206											
461.7246	54:04						7	17			
463.7216	54:04						464	1160			
PCB-209L											
507.7258	55:40	55:40	-2	1.075	1169958	193375	67	167	2886		
509.7229	55:40	55:40	-2	1.075	1615518	270985	79	197	3430	0.72(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:42						18	45			
497.6826	55:42						30	75			
PCB-28L (PRC)											
0.0											
PCB-47L (PRC)											
0.0											
PCB-8L (PRC)											
0.0											

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Q - EMPC-Estimated Max. Possible Conc.

Review Flags

M - Manually Integrated

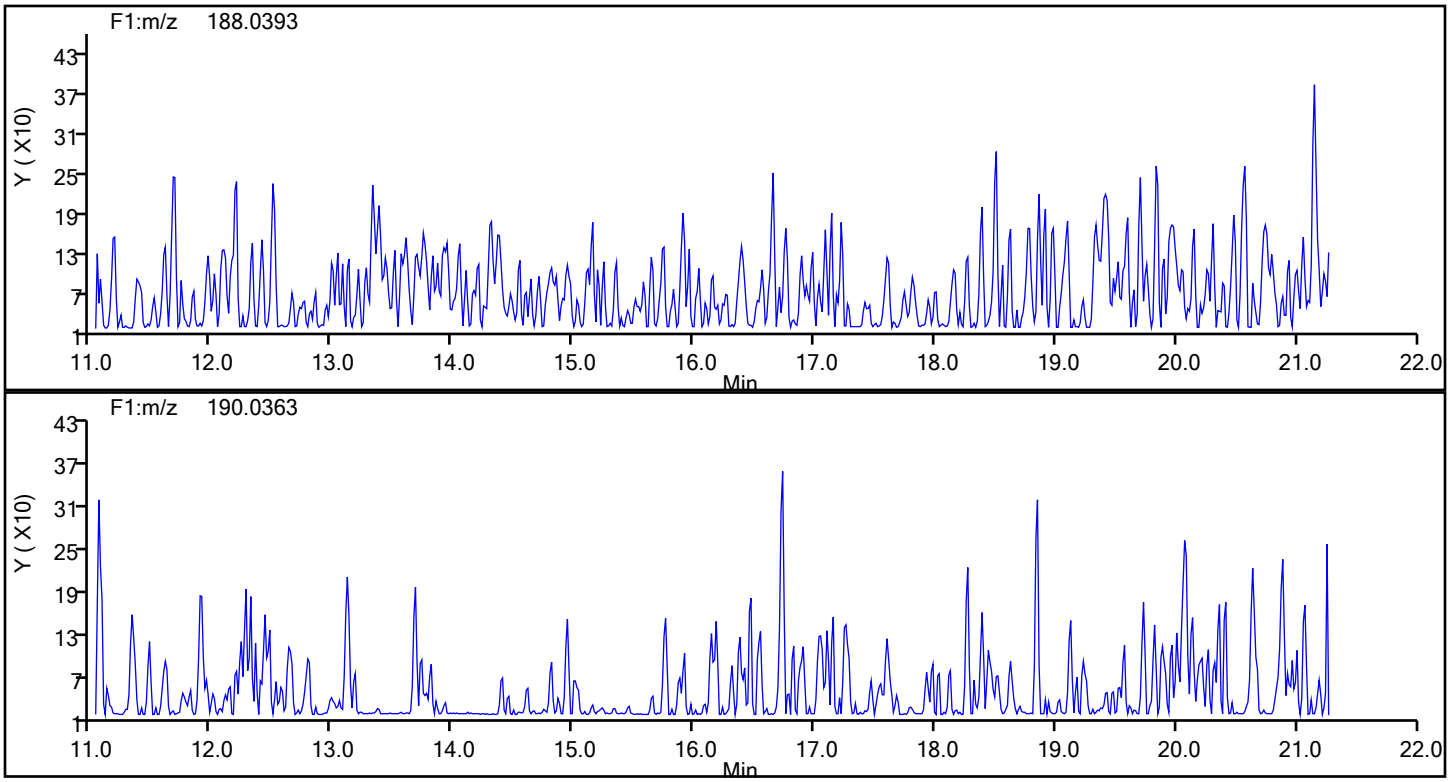
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

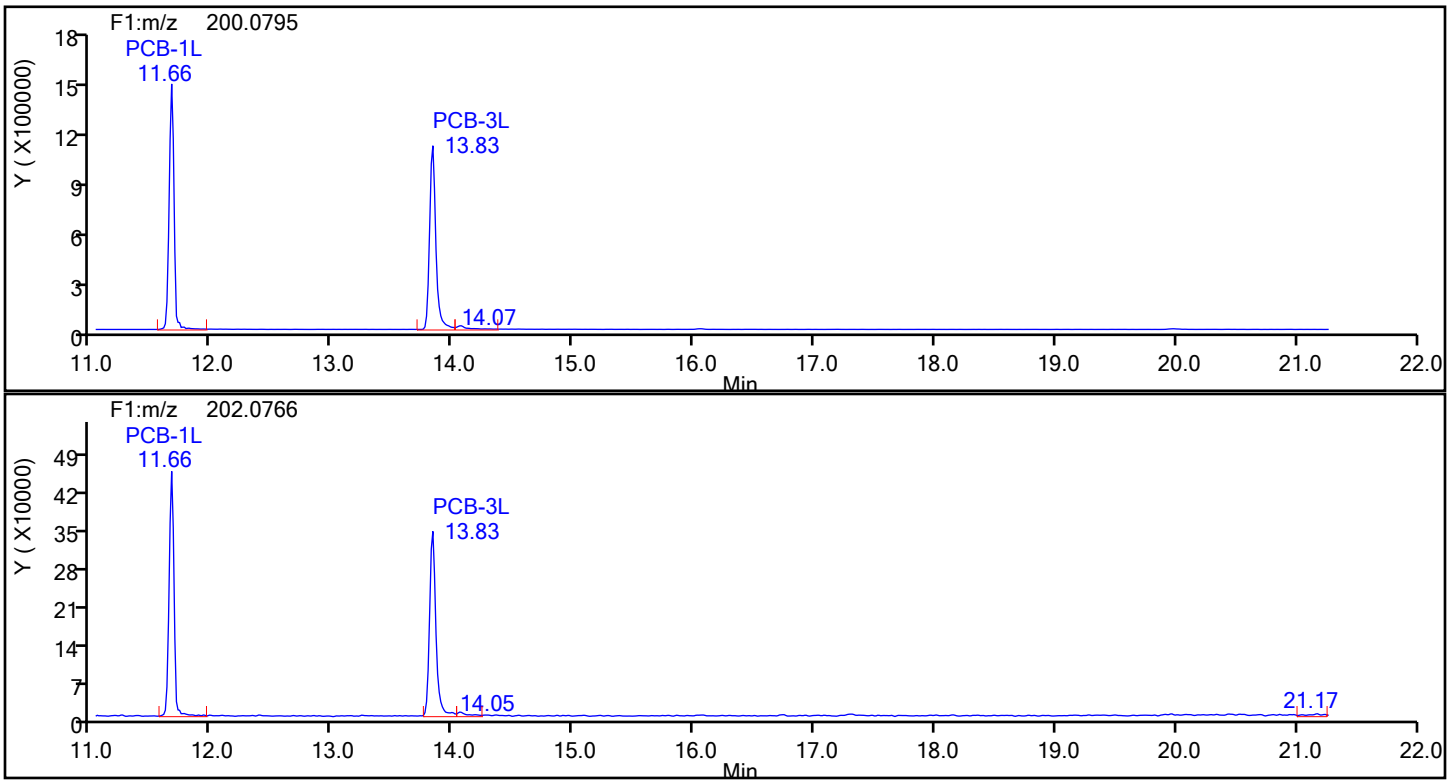
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

MoPCB F1



MoPCB F1 Standards

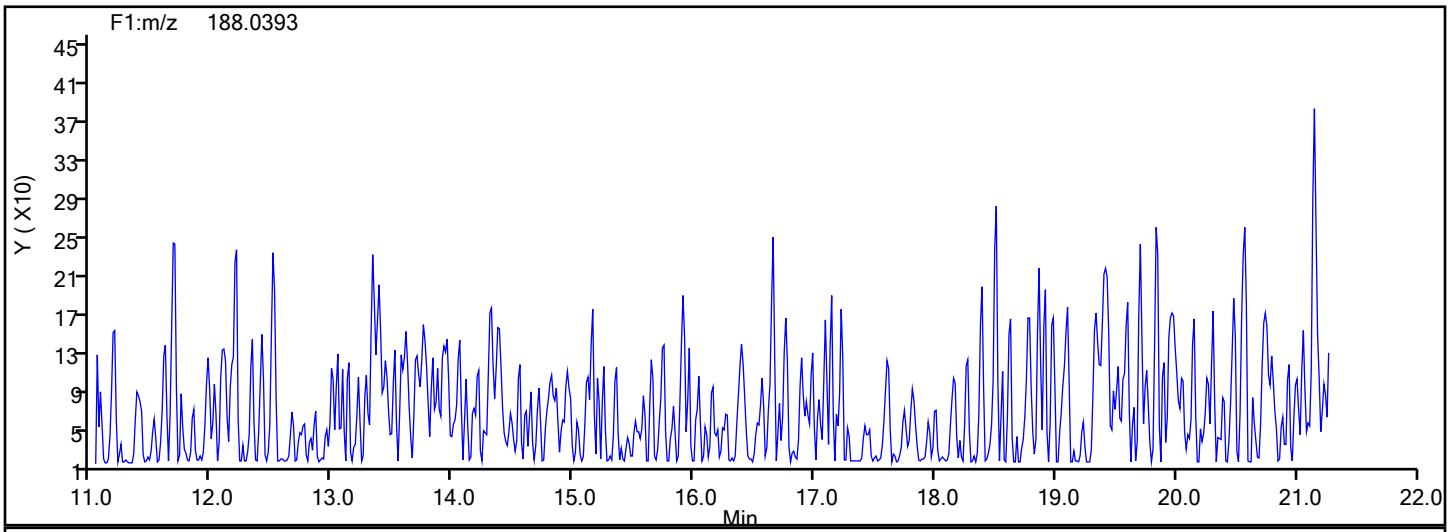


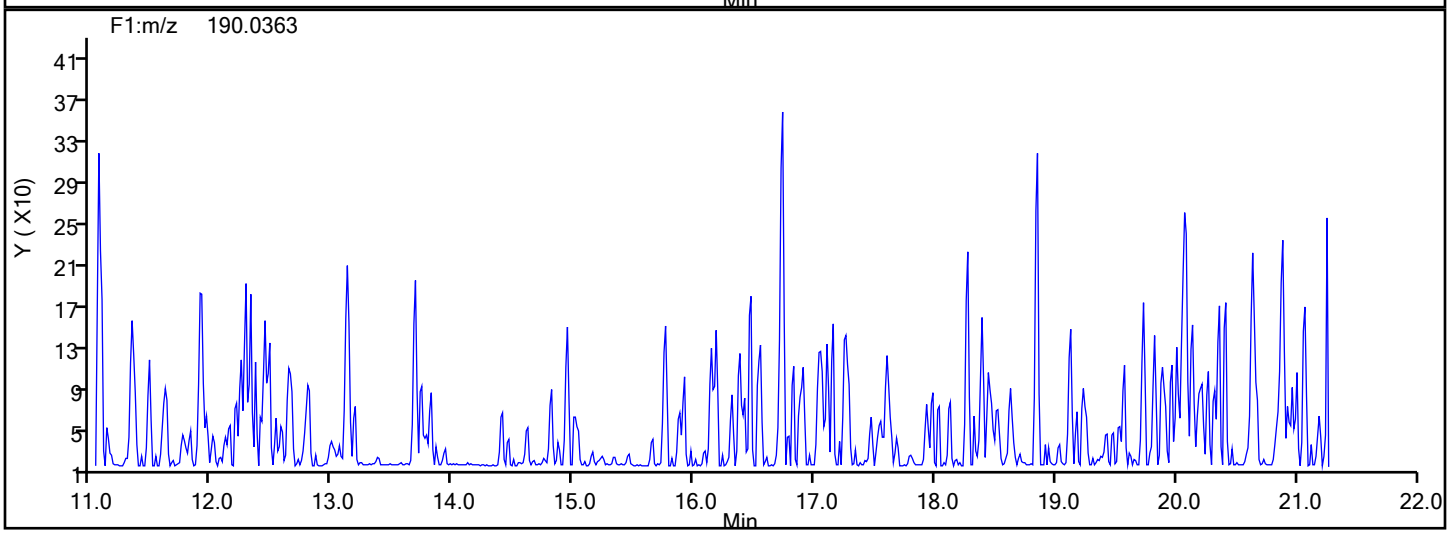
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

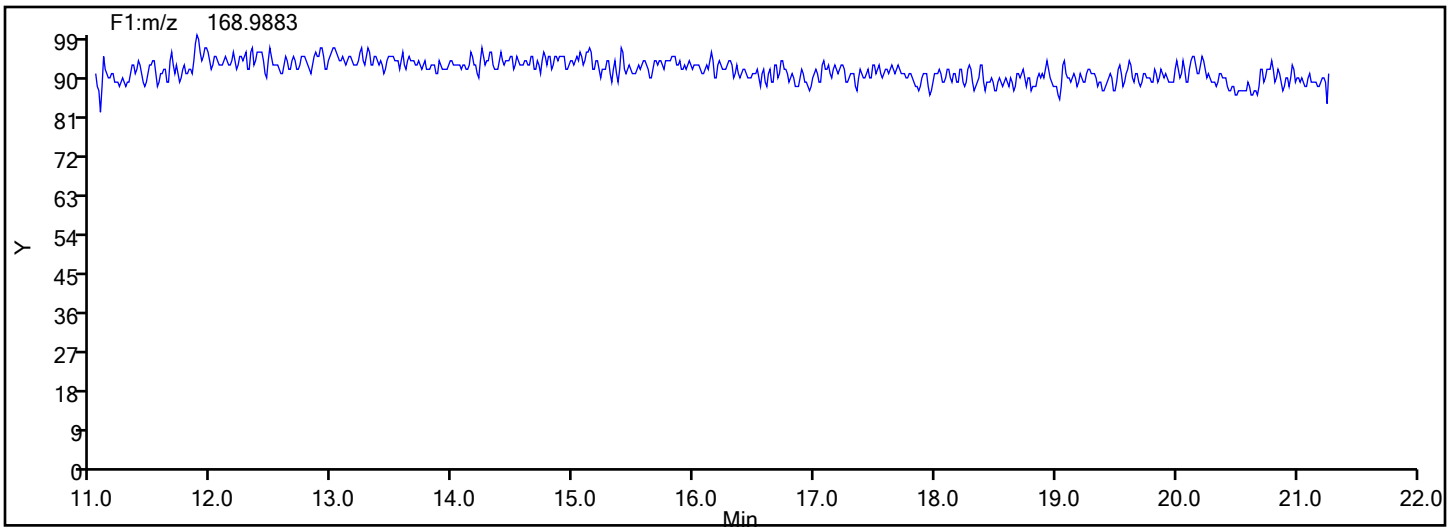
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d		
Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



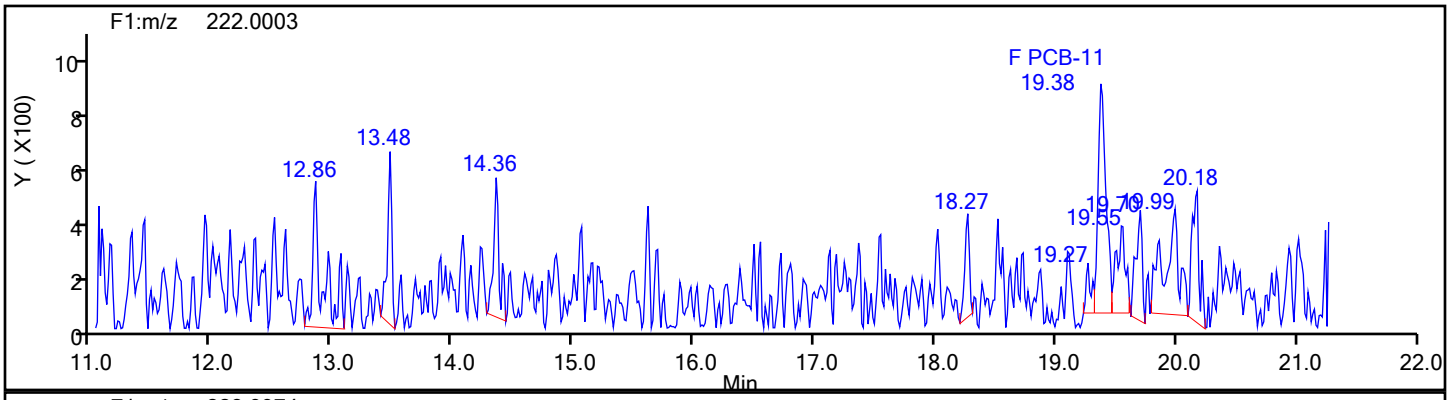
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

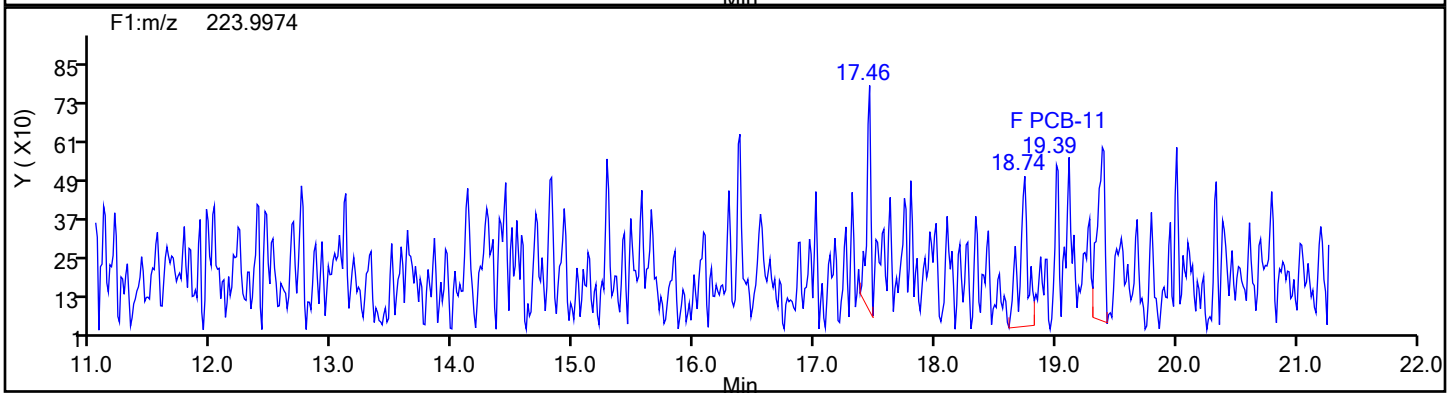
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

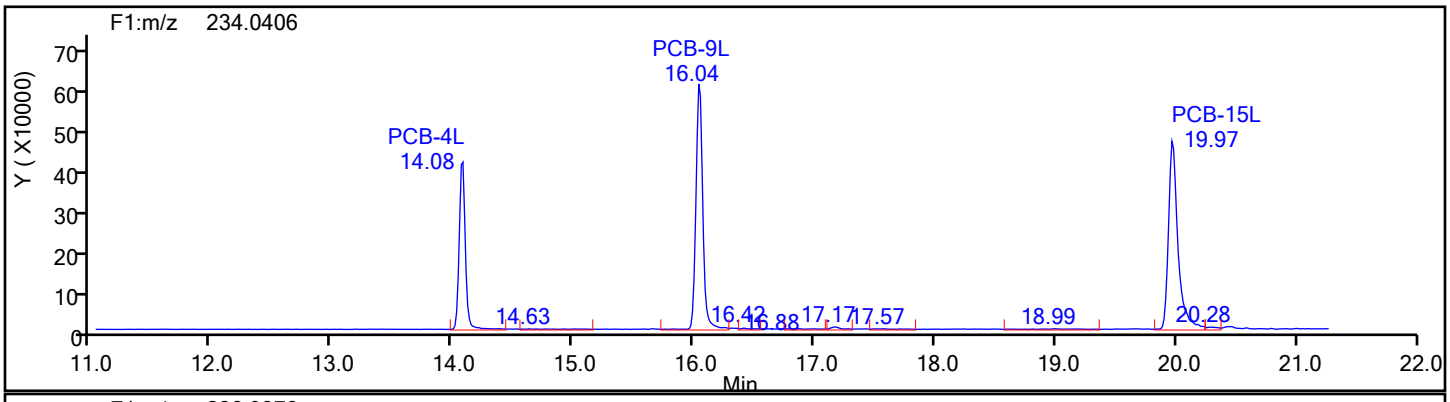
Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

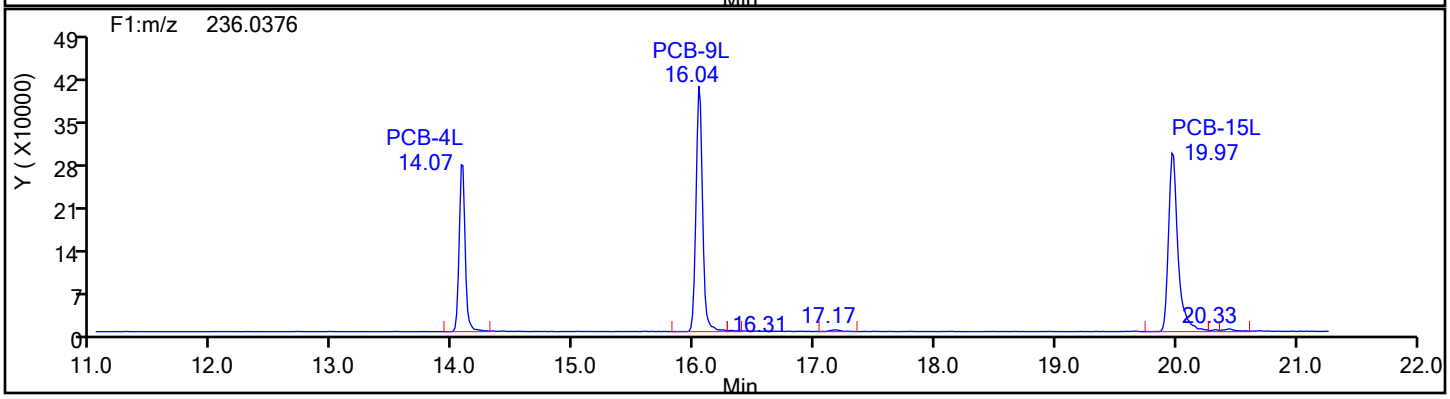
DiPCB F1





DiPCB F1 Standards



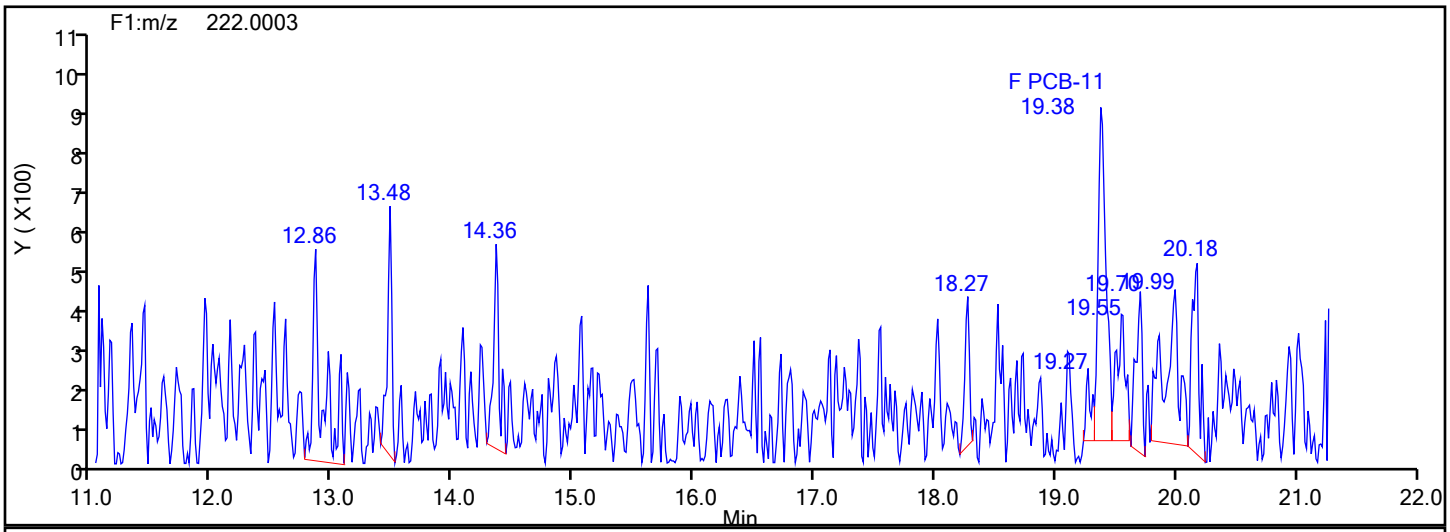


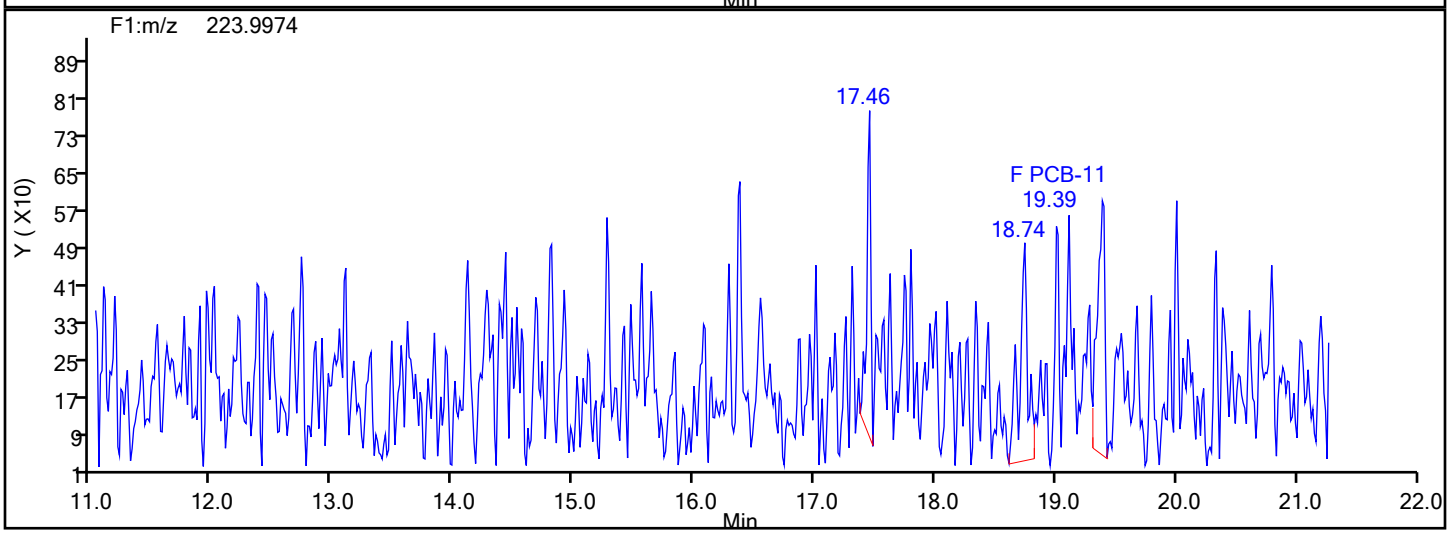
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

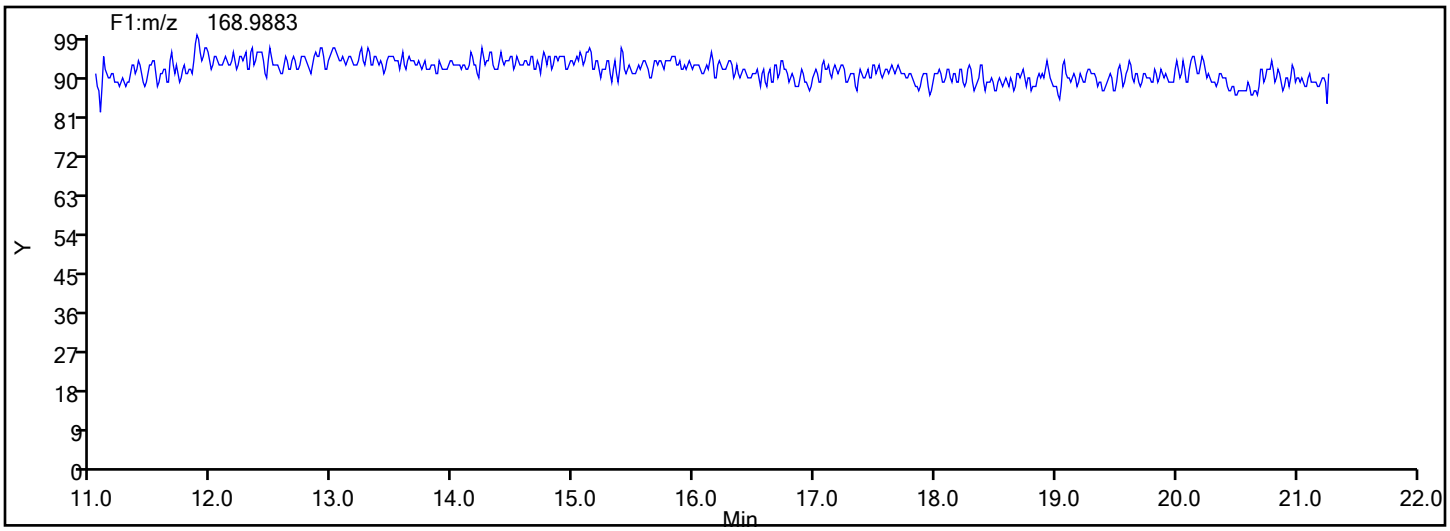
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Injection Date: 03-Jan-2024 18:30:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 7
Column Type: Column Dia:

DiPCB F1





DiPCB F1 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

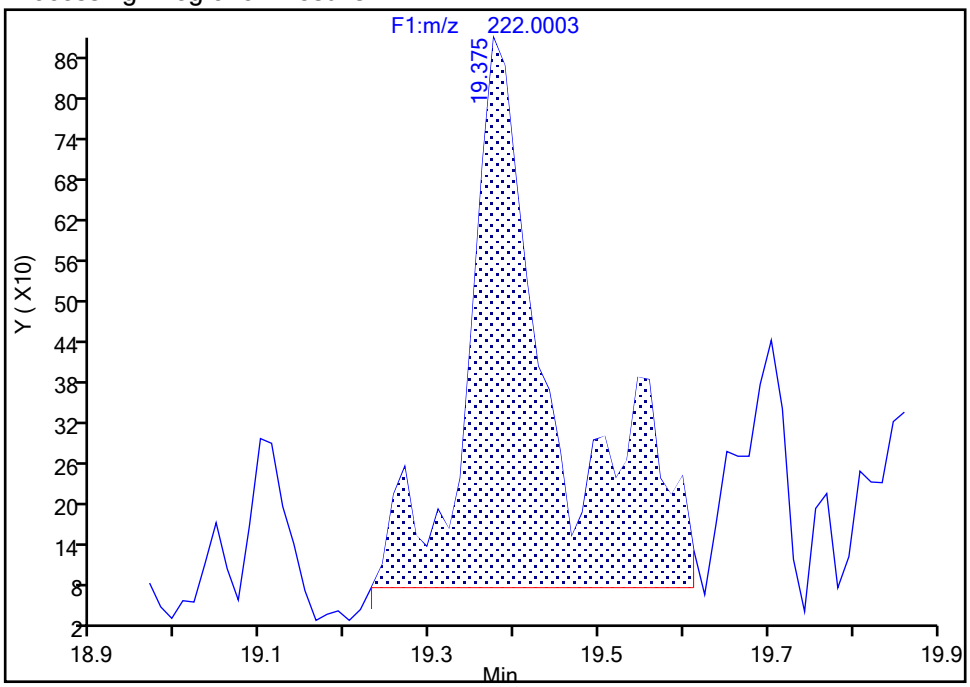
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d				
Injection Date:	03-Jan-2024 18:30:00	Instrument ID:	D2D		
Lims ID:	MB 140-81427/19-B				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F1(11.07 :21.70)		

PCB-11, CAS: 2050-67-1

Signal: 1

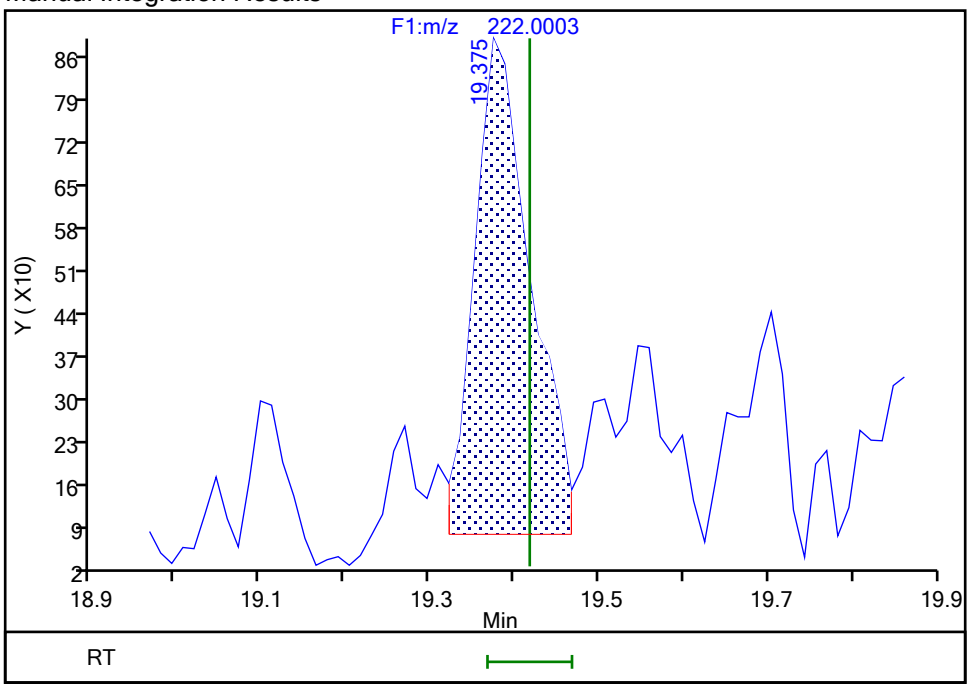
Processing Integration Results

RT: 19.38
Area: 5791
Amount: 0.170478
Amount Units: pg/ul



Manual Integration Results

RT: 19.38
Area: 3695
Amount: 0.126419
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:51:55 -05:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

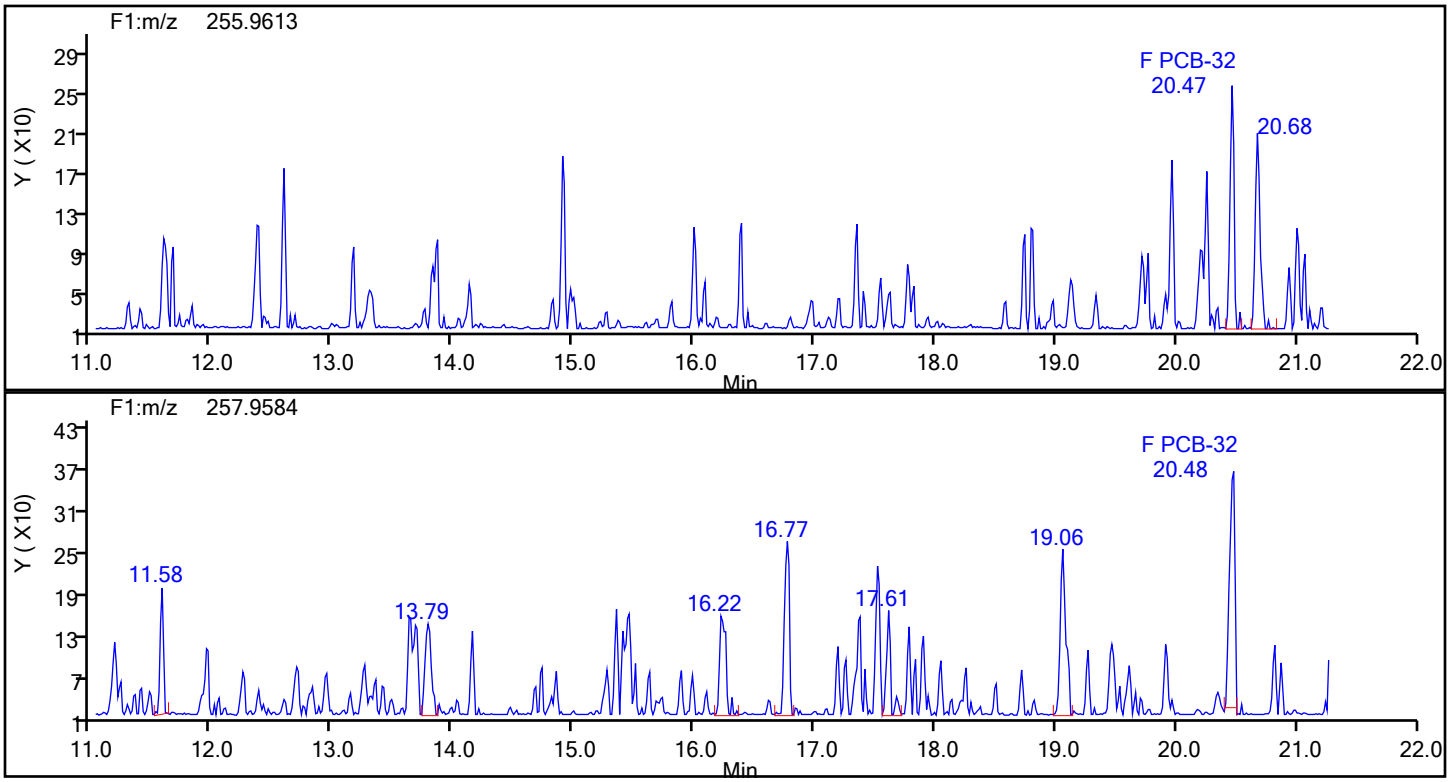
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

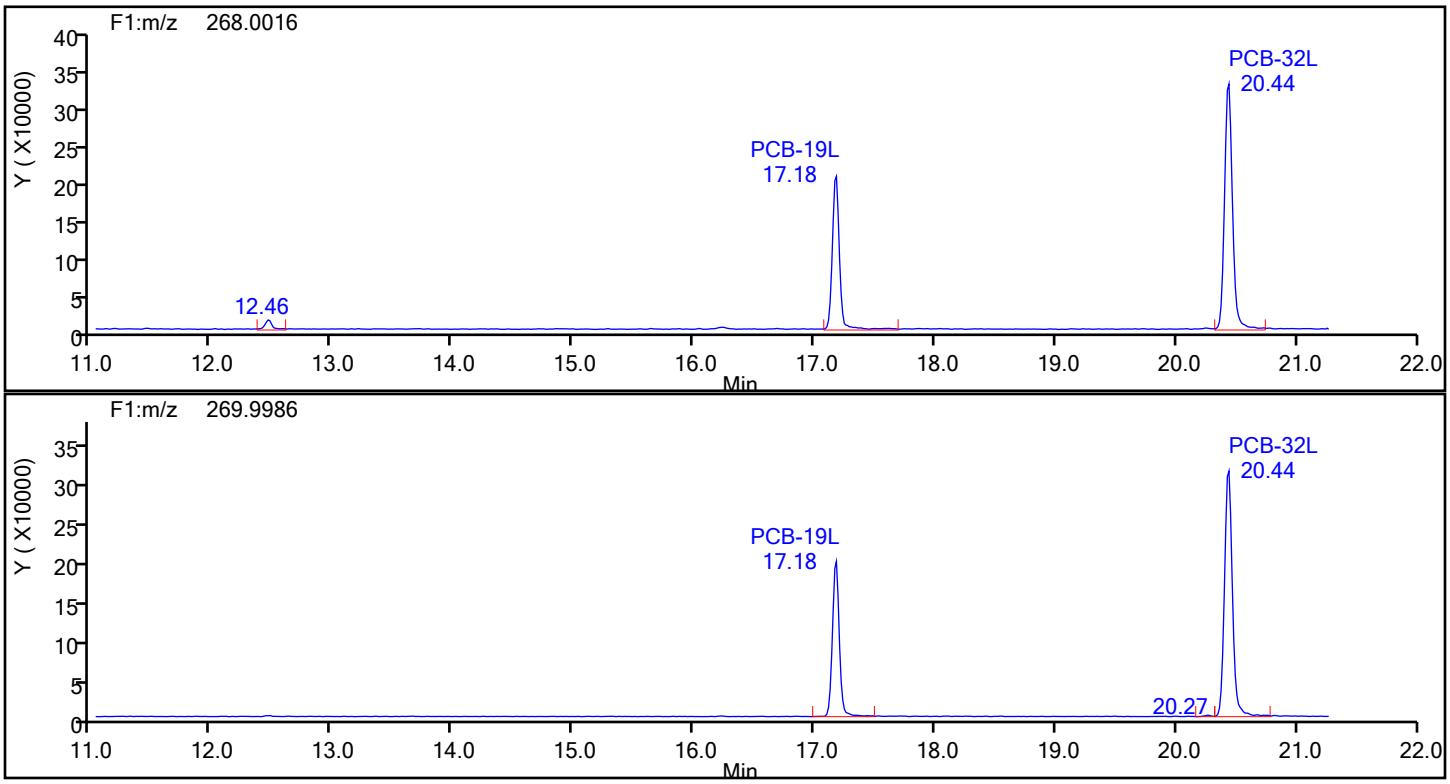
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

TriPCB F1



TriPCB F1 Standards

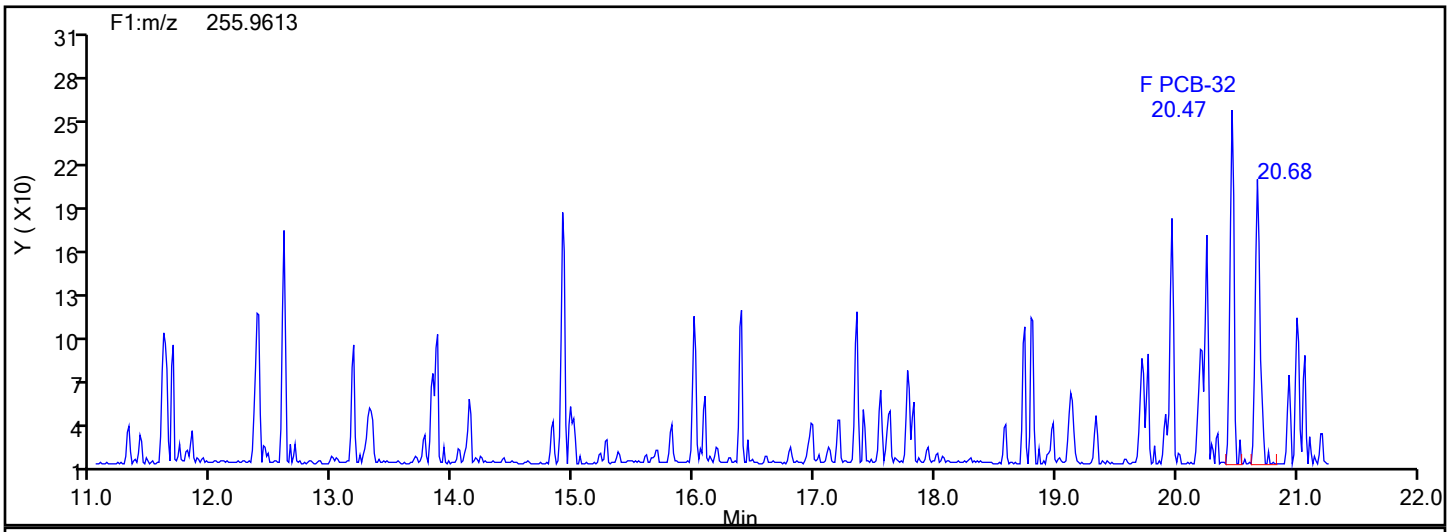


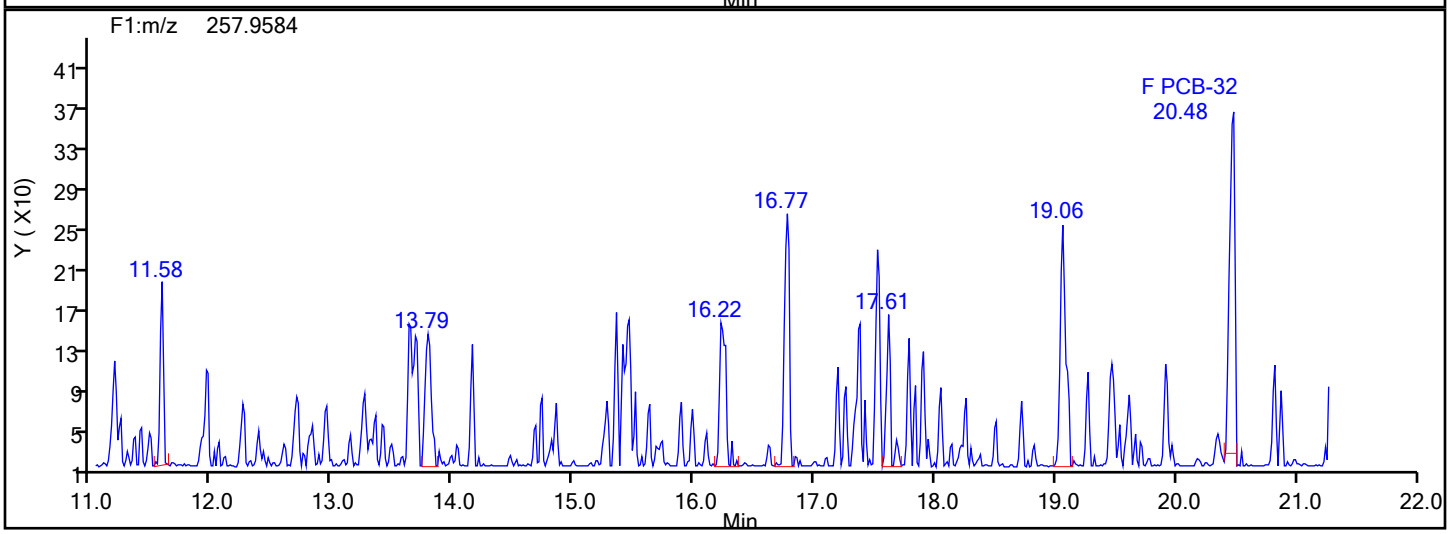
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

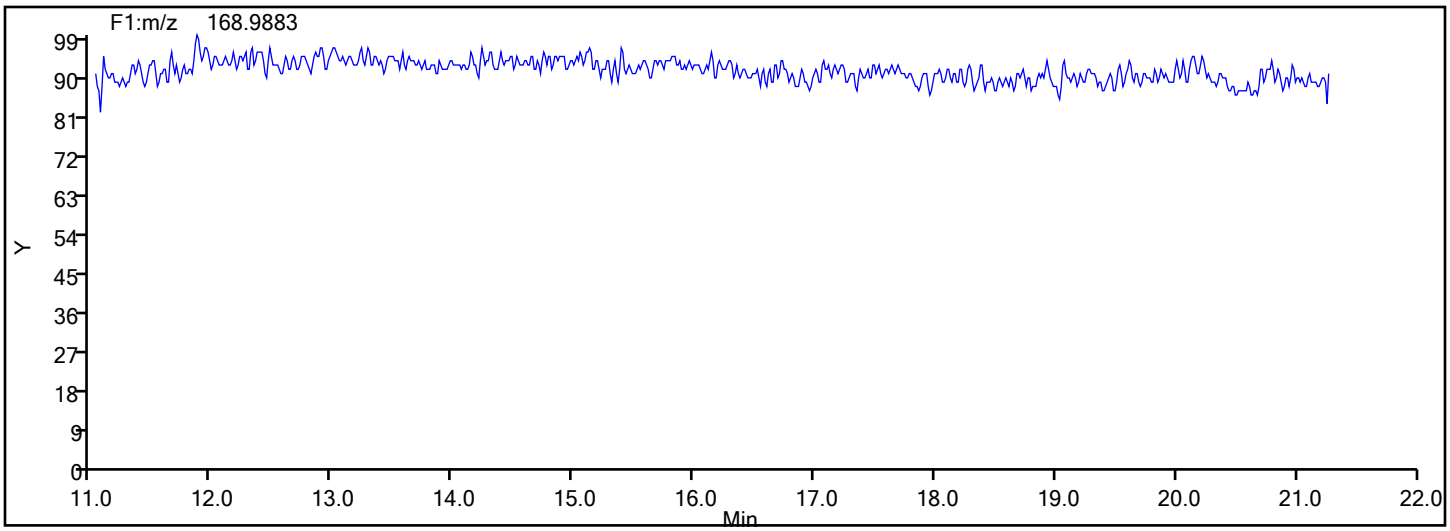
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Injection Date: 03-Jan-2024 18:30:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 7
Column Type: Column Dia:

TriPCB F1





TriPCB F1 Lock Mass



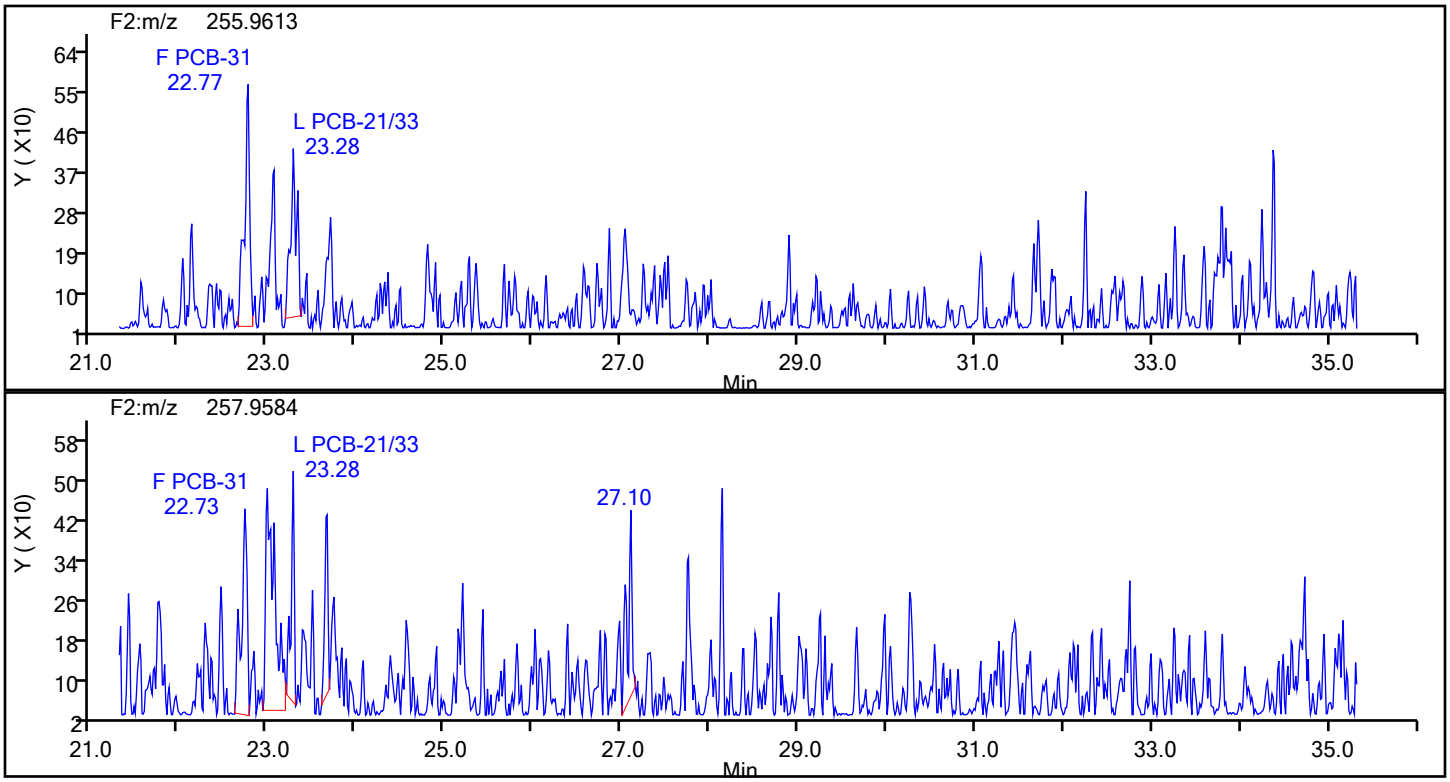
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

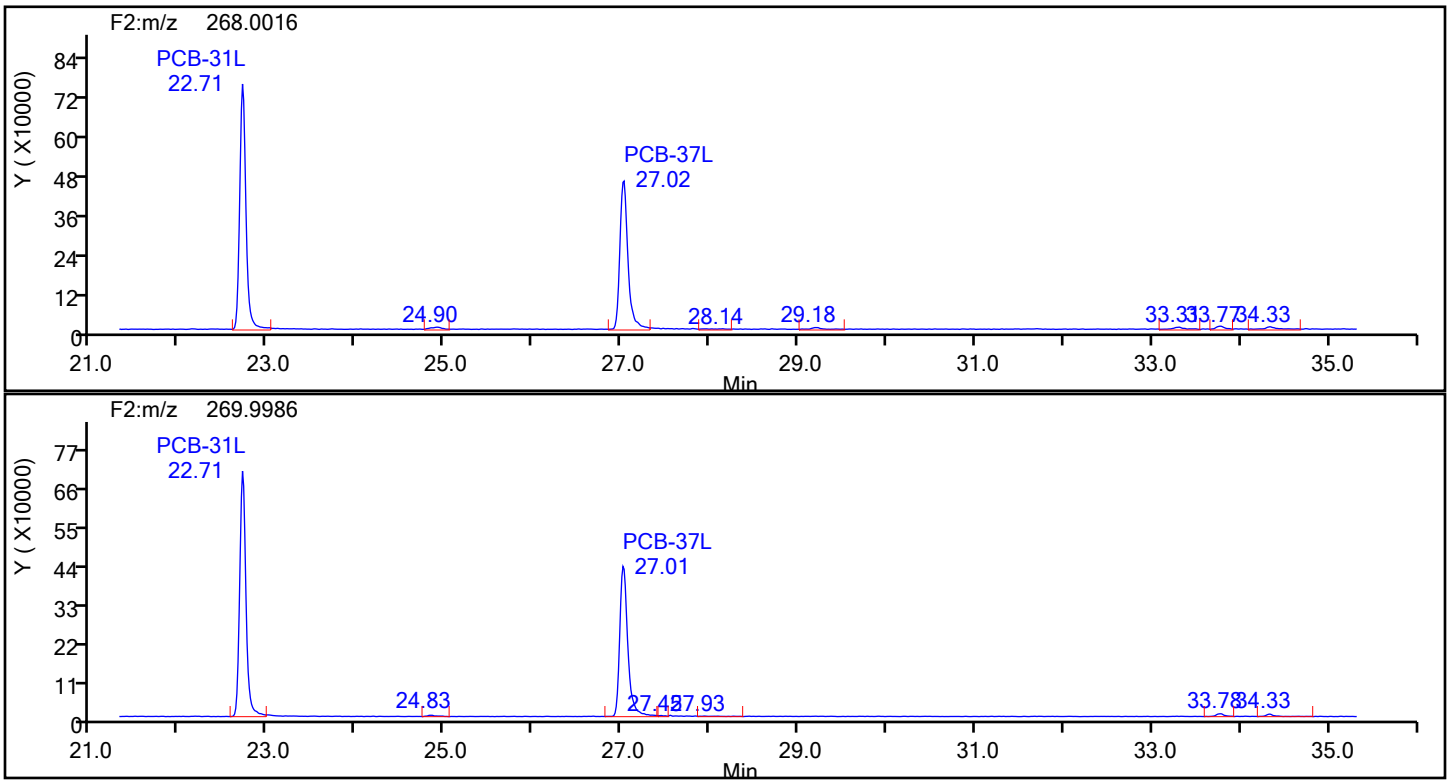
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

TriPCB F2



TriPCB F2 Standards

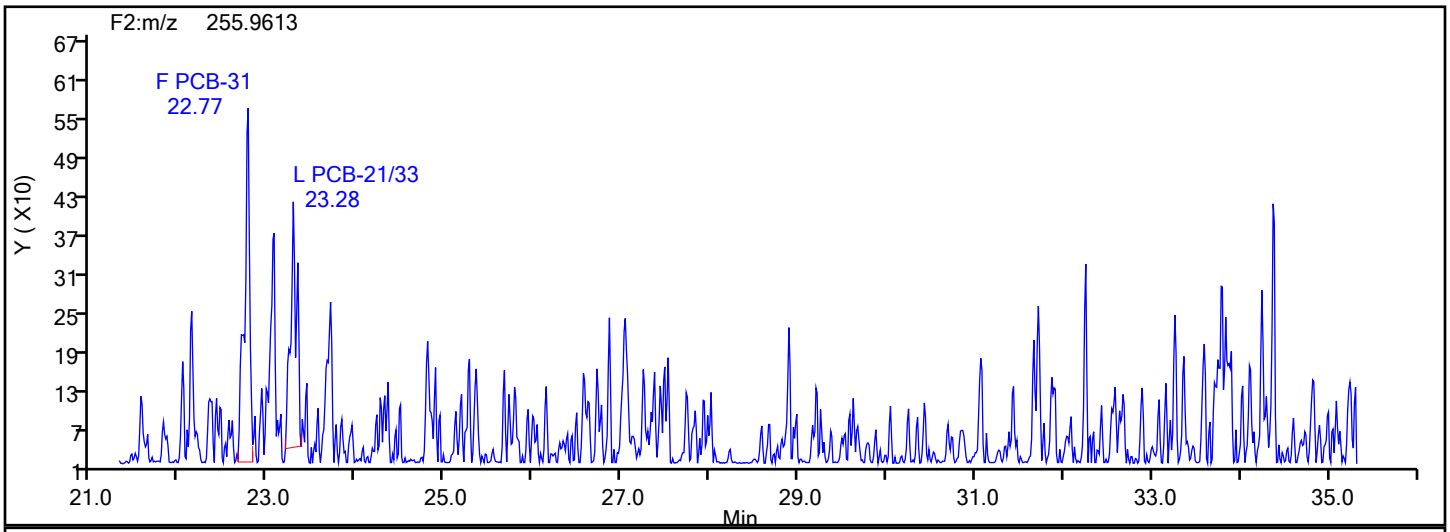


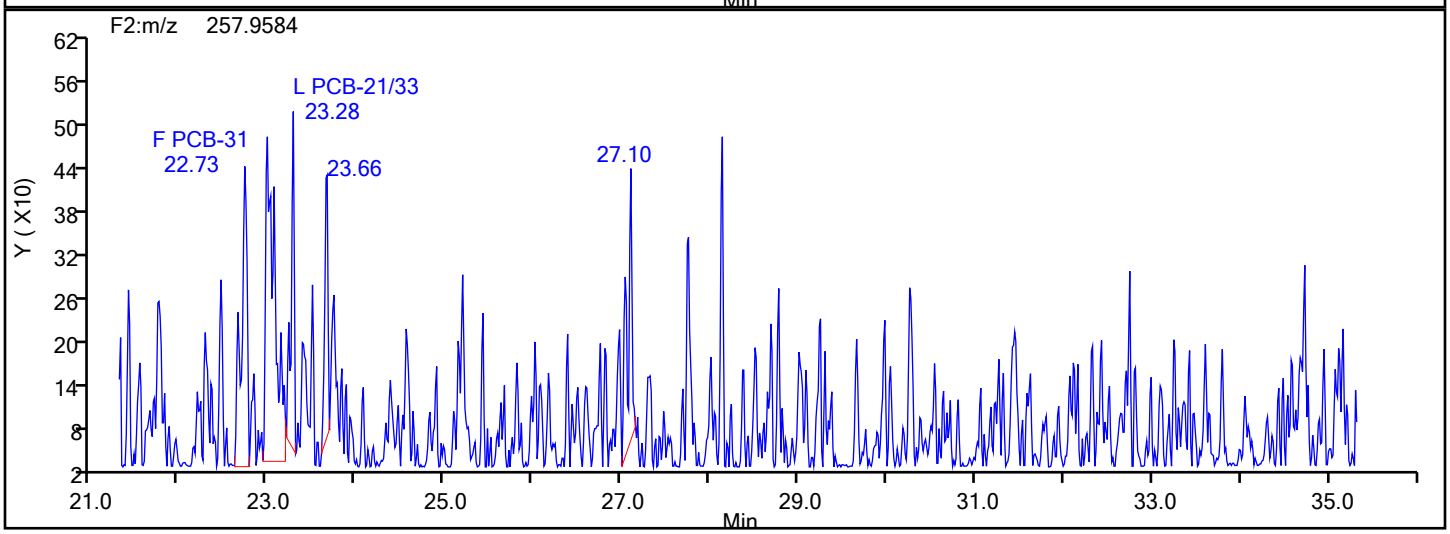
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

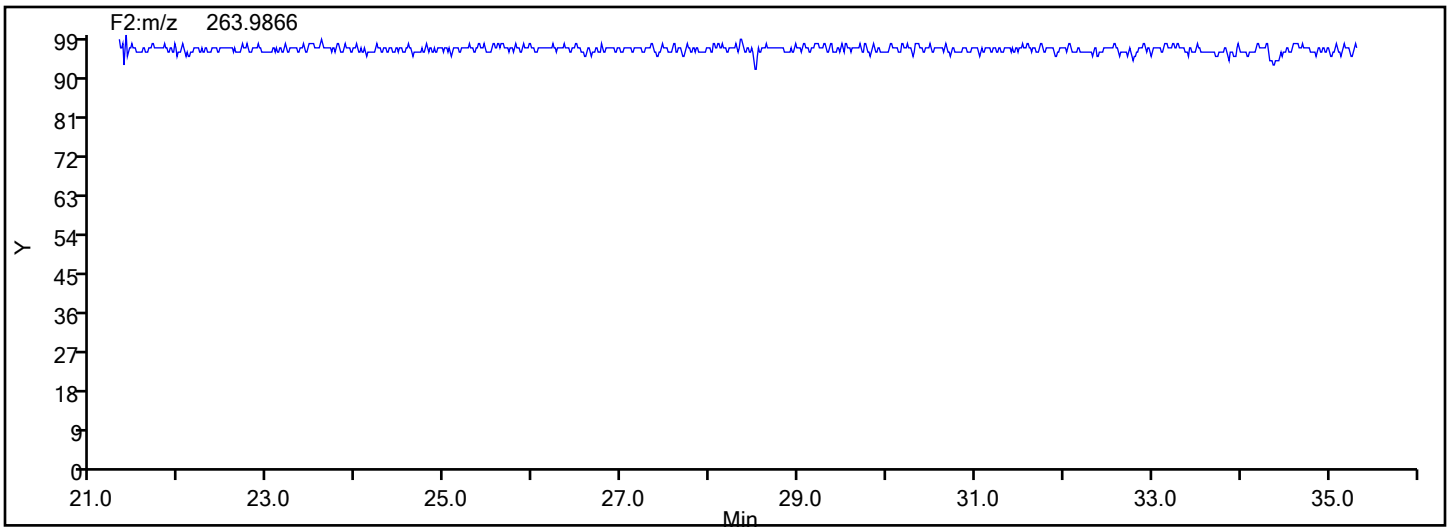
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d		
Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

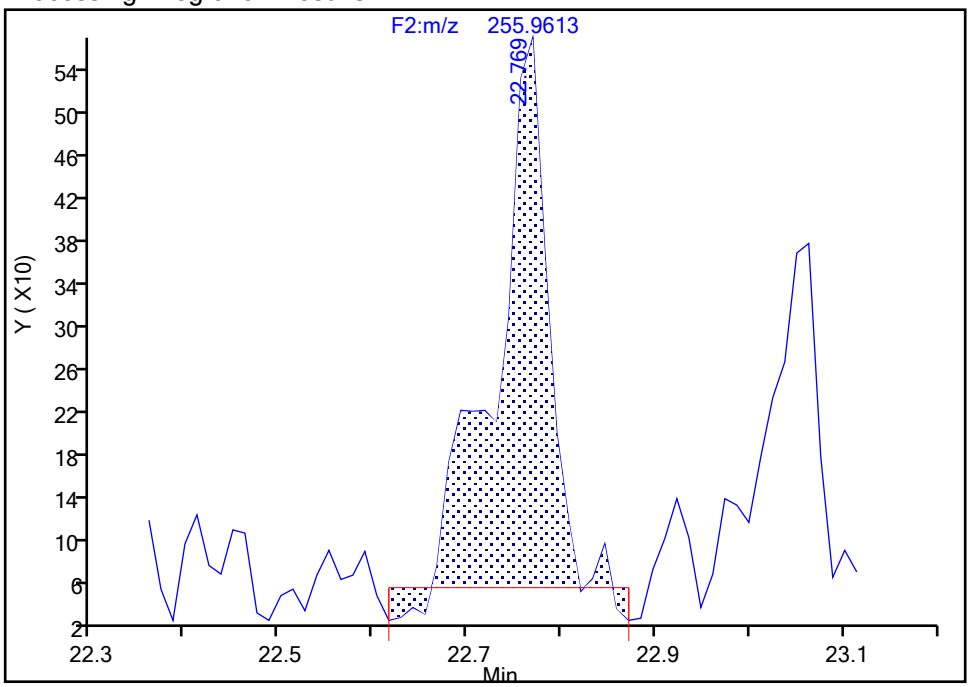
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Injection Date: 03-Jan-2024 18:30:00 Instrument ID: D2D
Lims ID: MB 140-81427/19-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-31, CAS: 16606-02-3

Signal: 1

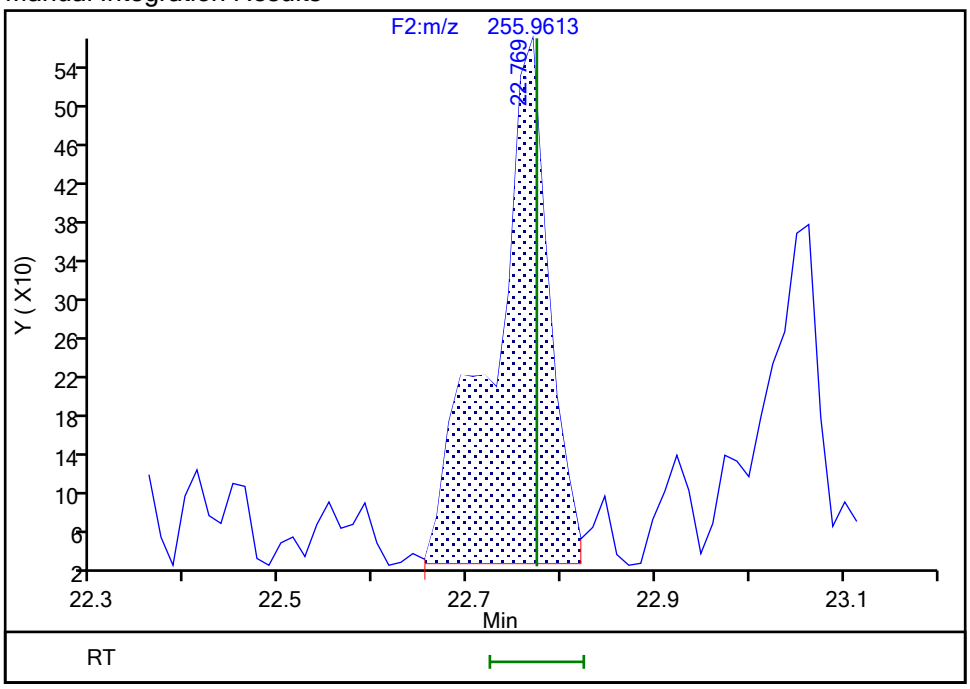
Processing Integration Results

RT: 22.77
Area: 1889
Amount: 0.054729
Amount Units: pg/ul



Manual Integration Results

RT: 22.77
Area: 2212
Amount: 0.059381
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:52:20 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

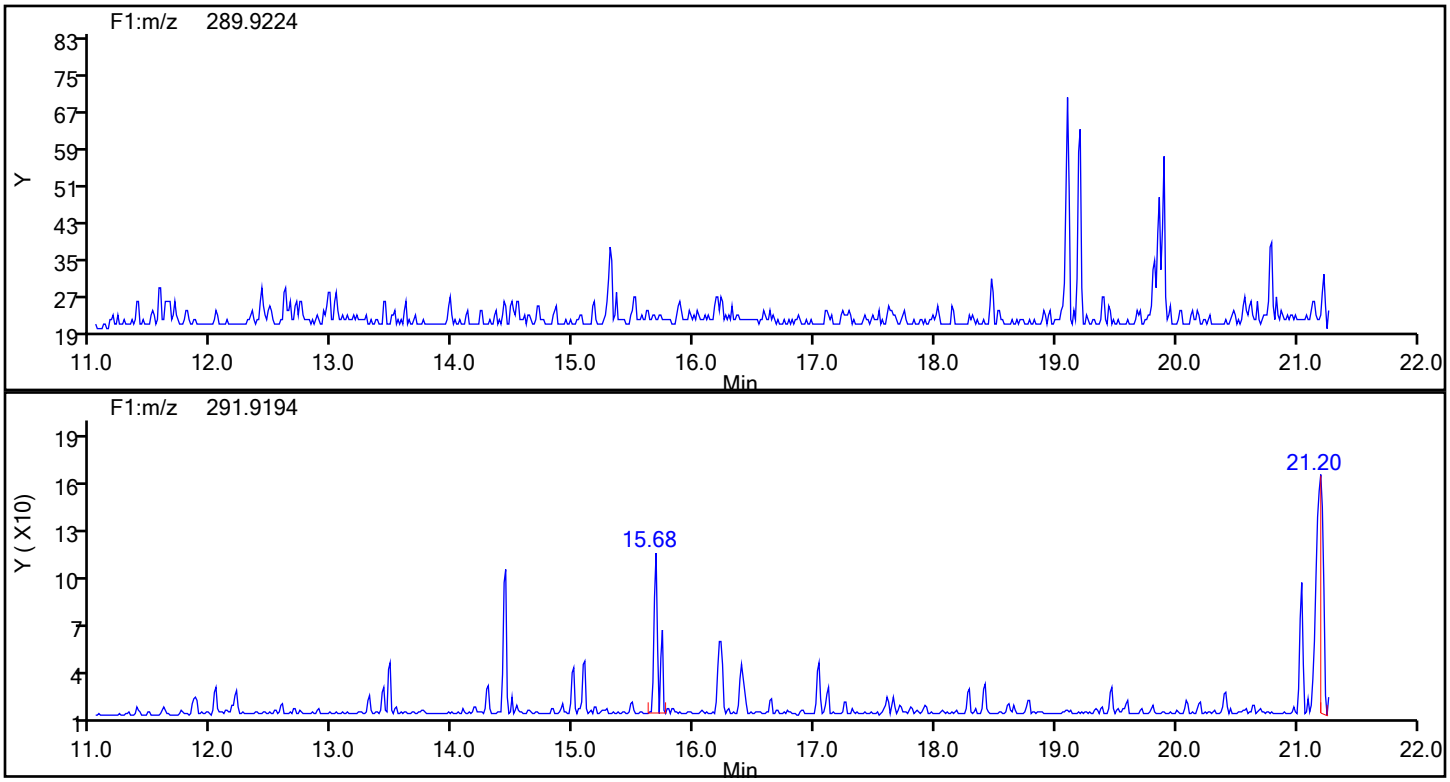
Report Date: 03-Jan-2024 20:00:50 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

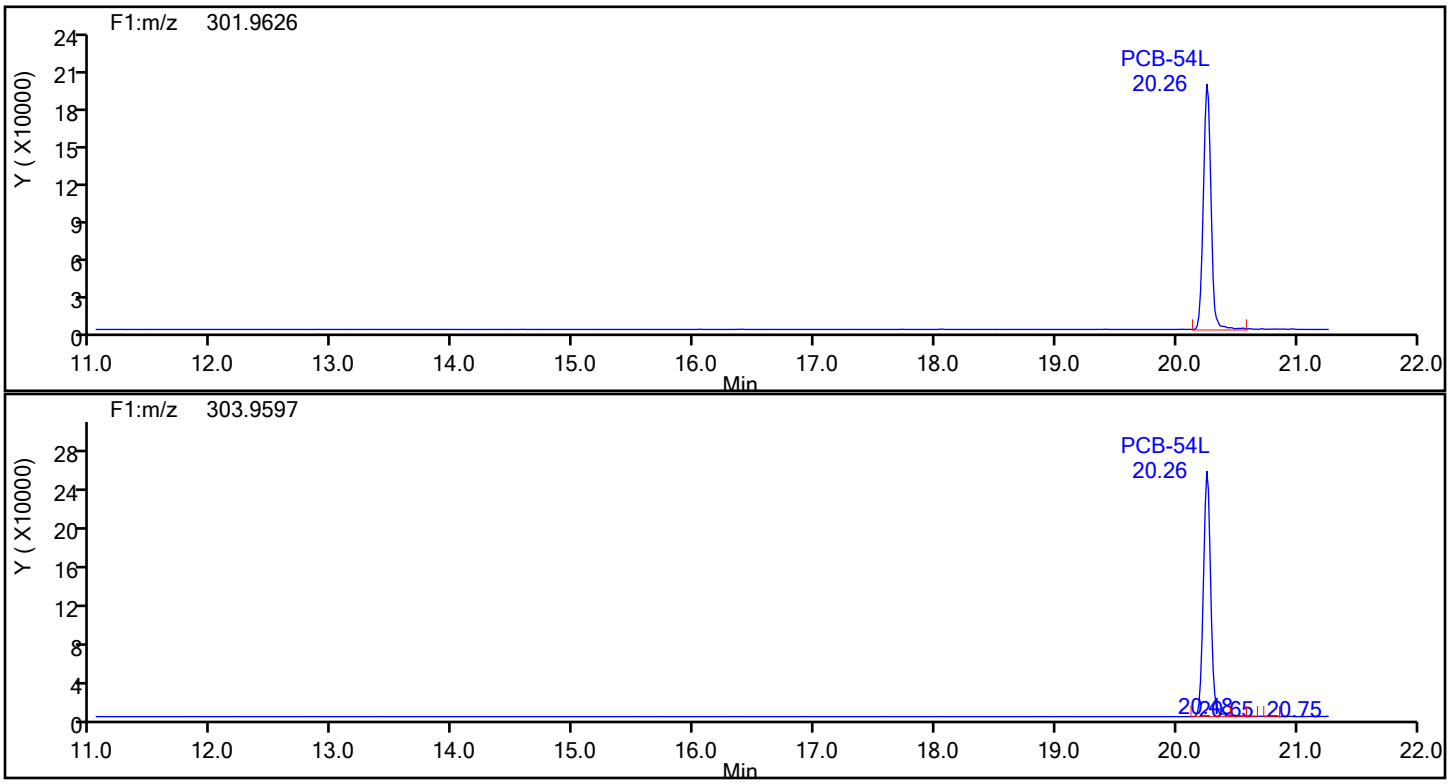
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

TePCB F1



TePCB F1 Standards

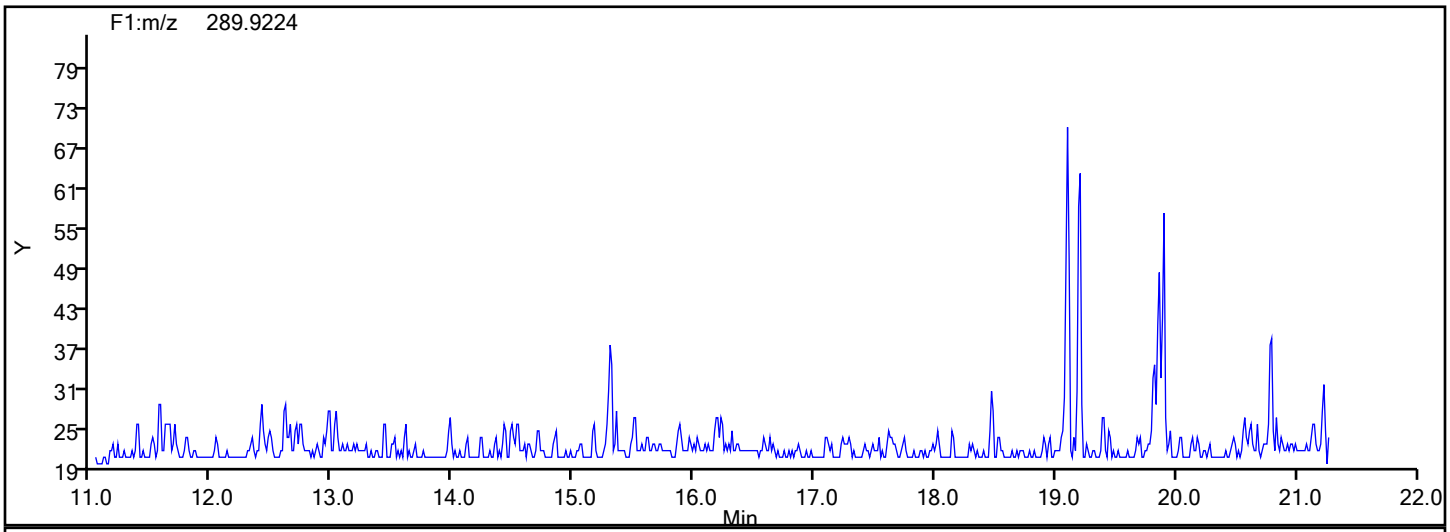


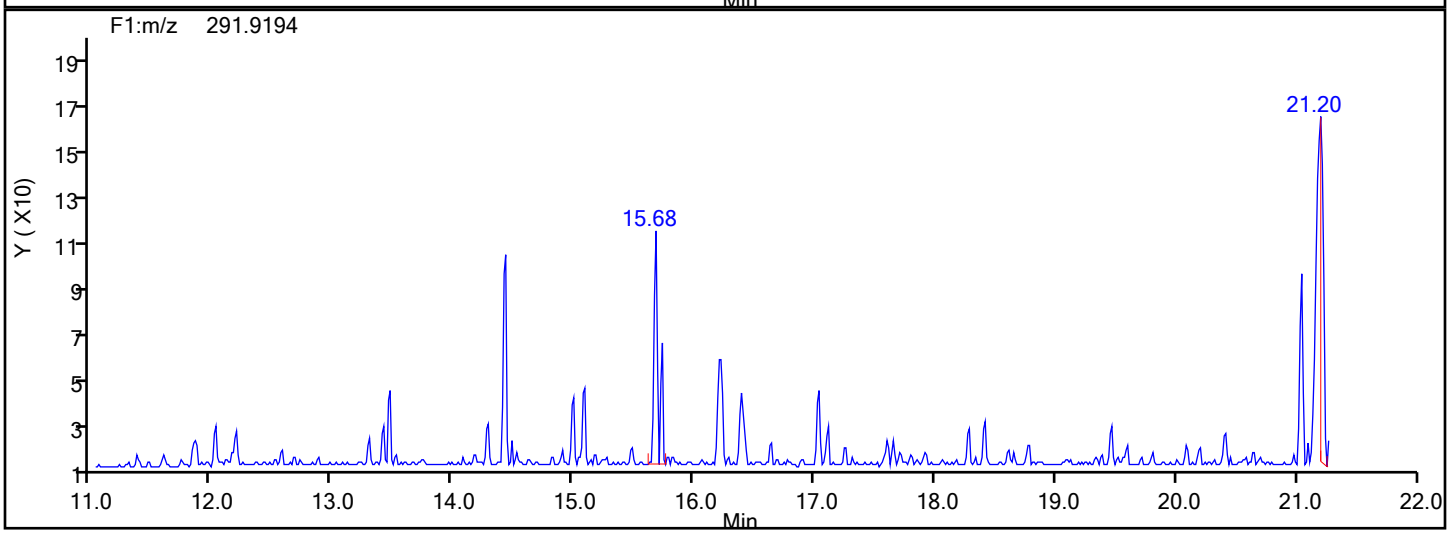
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

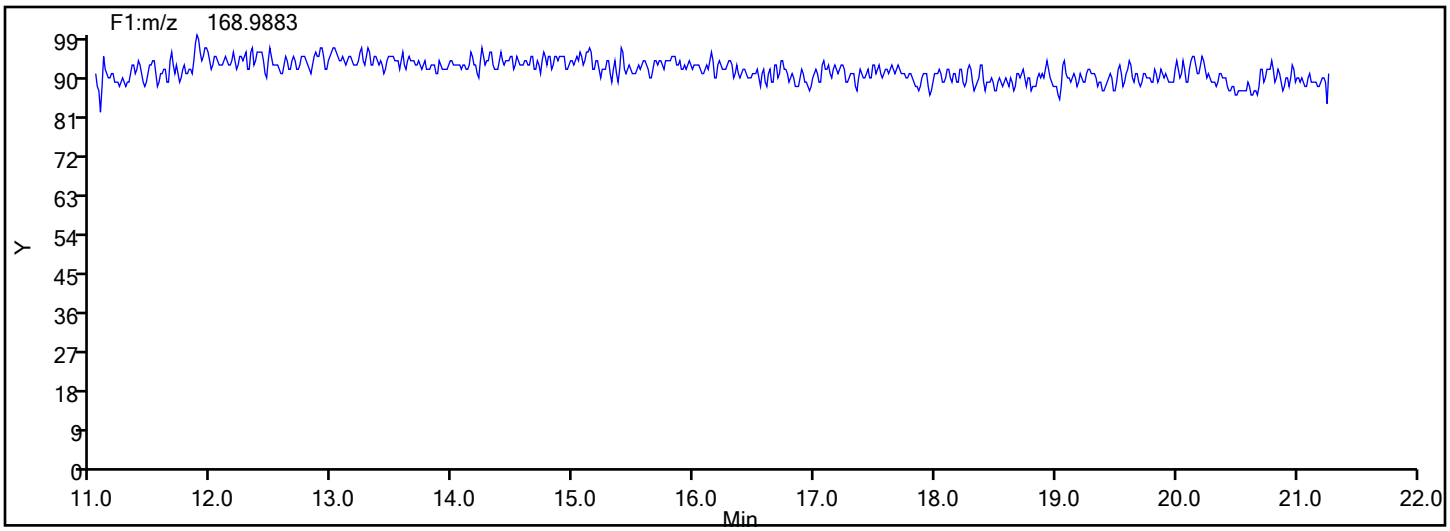
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d		
Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



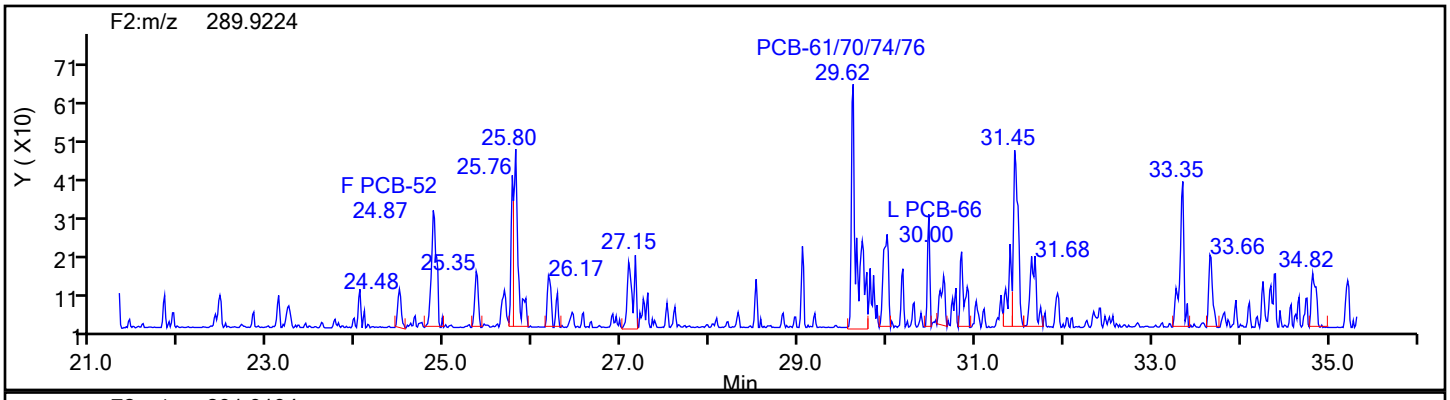
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

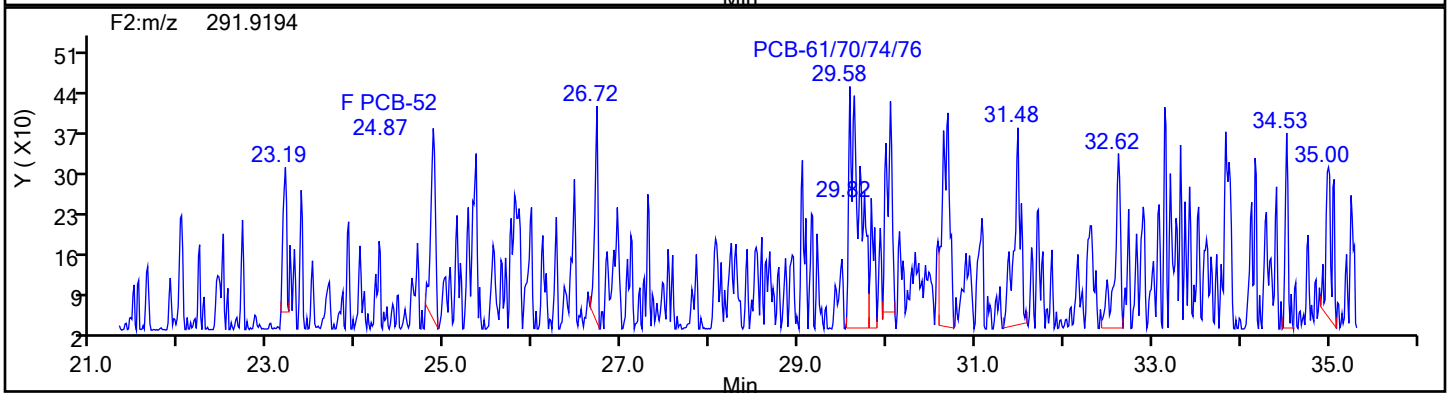
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

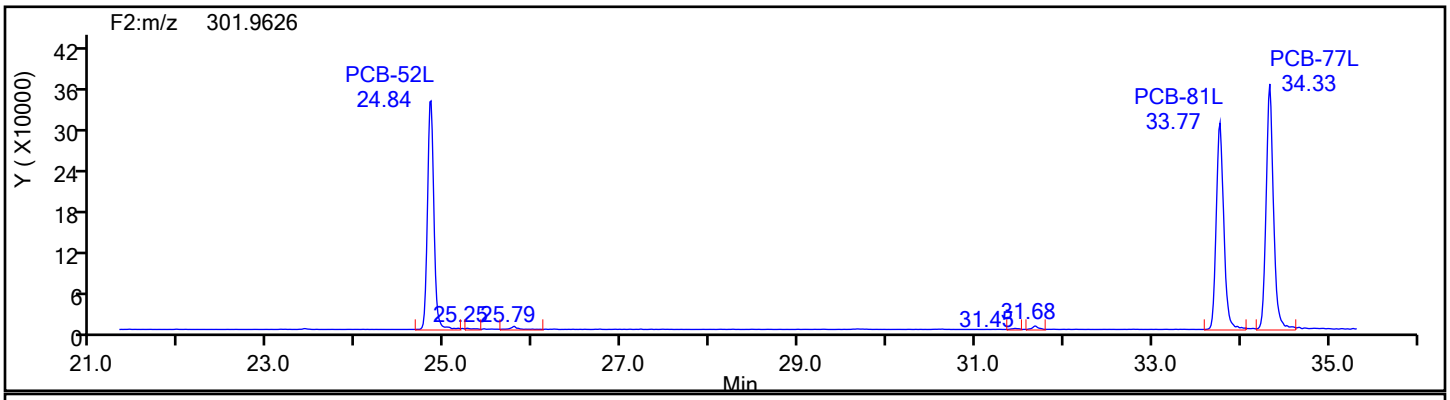
Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

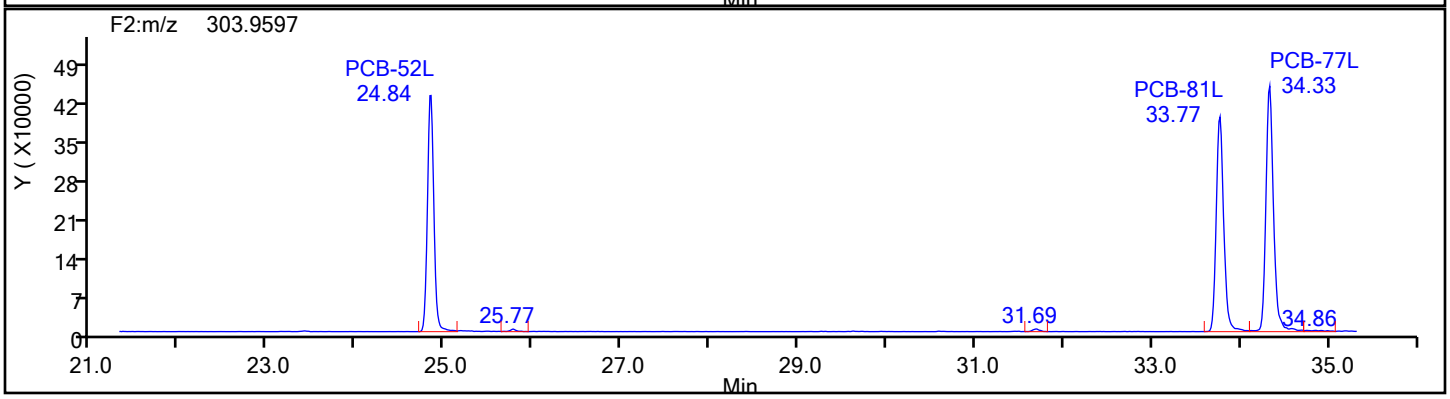
TePCB F2





TePCB F2 Standards



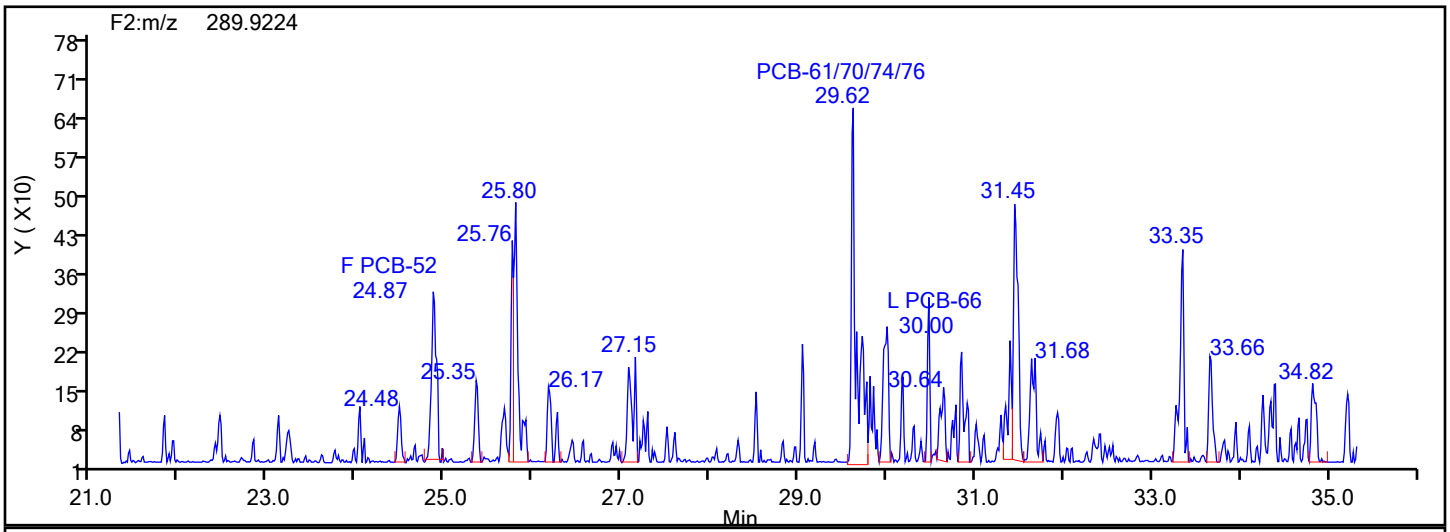


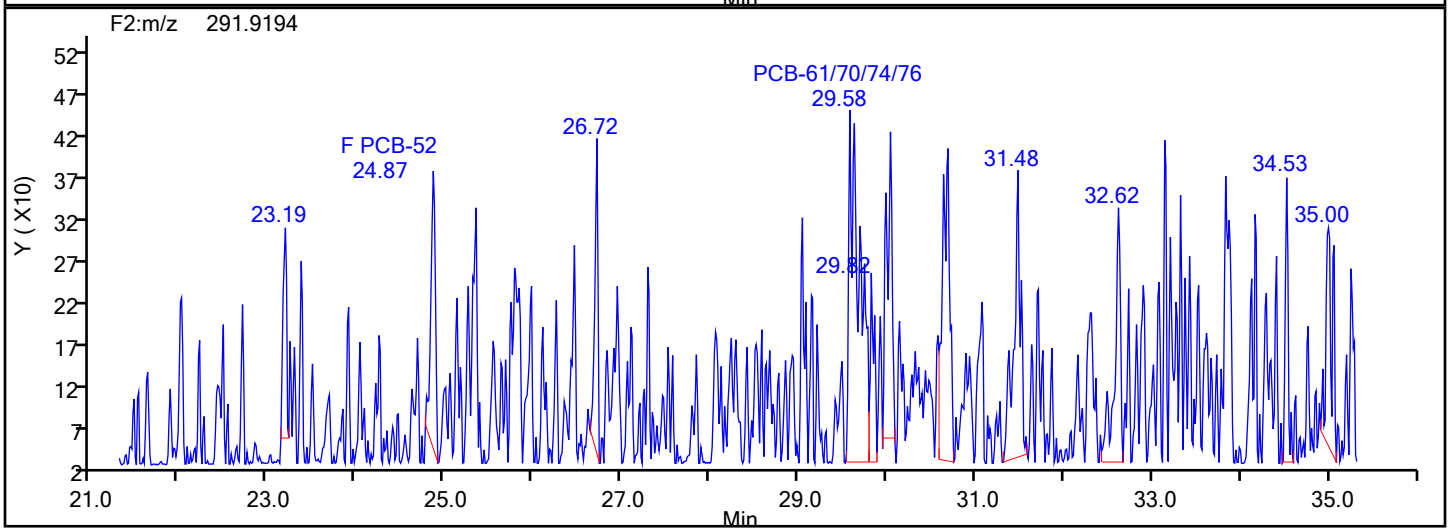
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

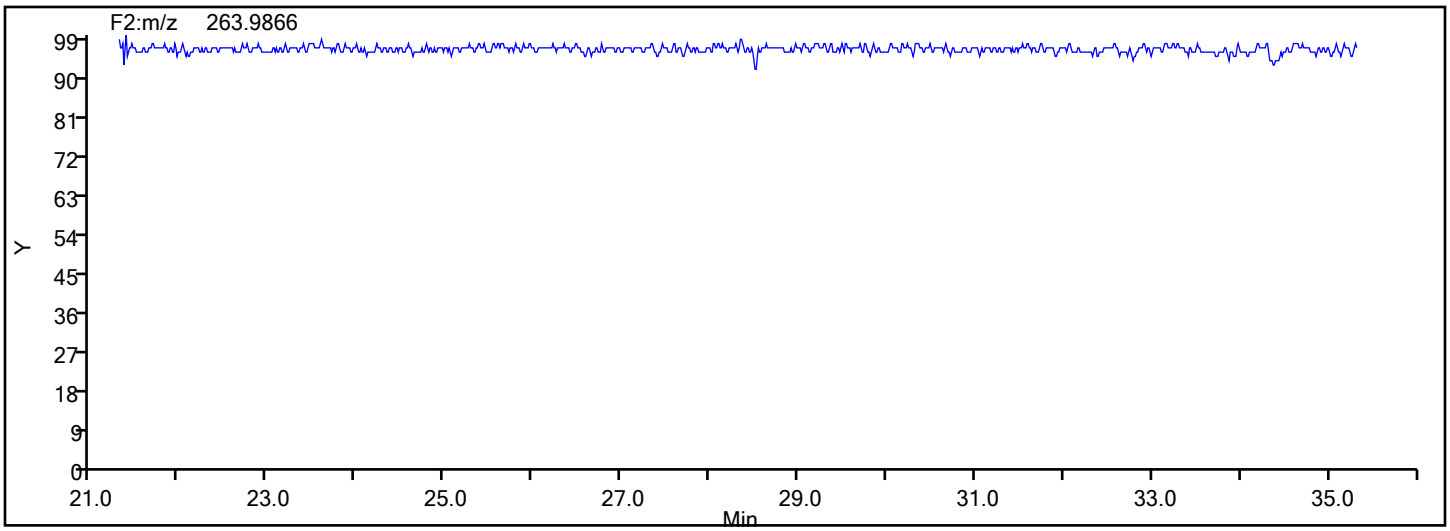
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Injection Date: 03-Jan-2024 18:30:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 7
Column Type: Column Dia:

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

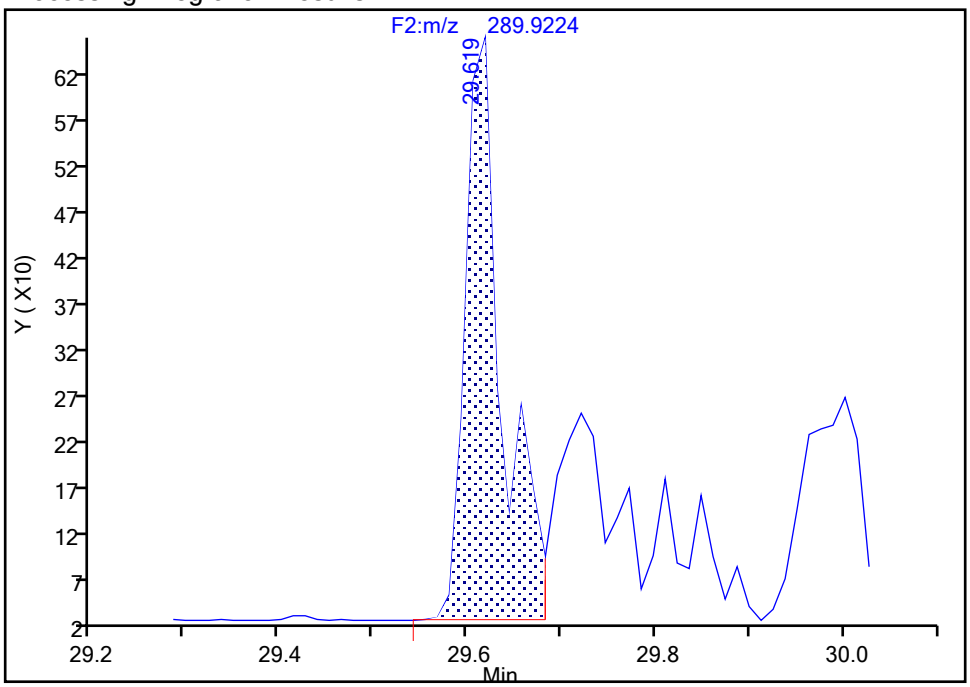
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d				
Injection Date:	03-Jan-2024 18:30:00	Instrument ID:	D2D		
Lims ID:	MB 140-81427/19-B				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-61/70/74/76, CAS: STL01808

Signal: 1

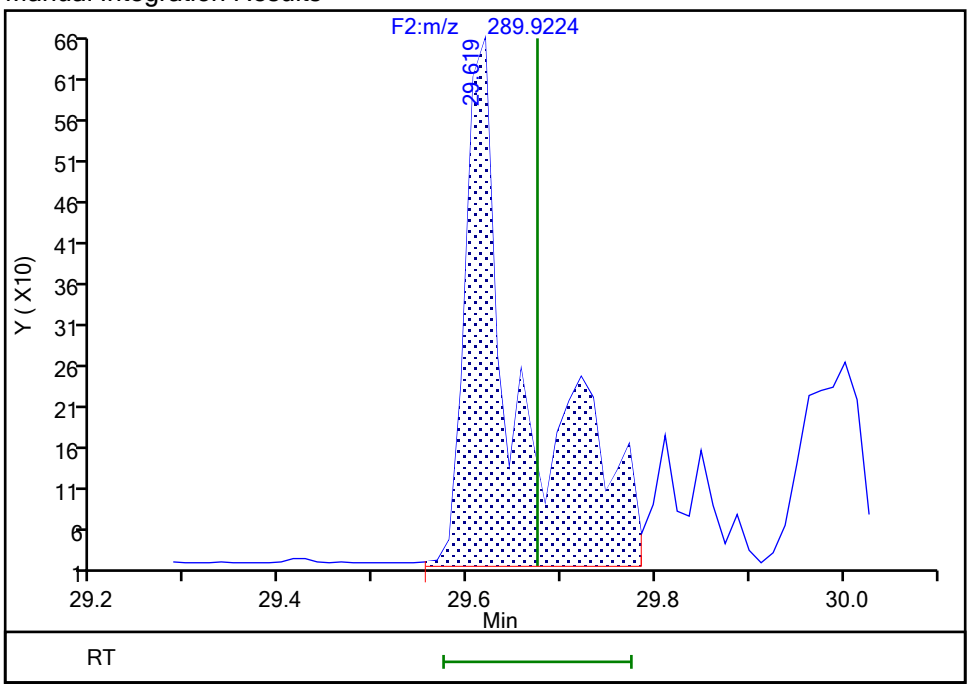
Processing Integration Results

RT: 29.62
Area: 1711
Amount: 0.115709
Amount Units: pg/ul



Manual Integration Results

RT: 29.62
Area: 2645
Amount: 0.120125
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:52:56 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

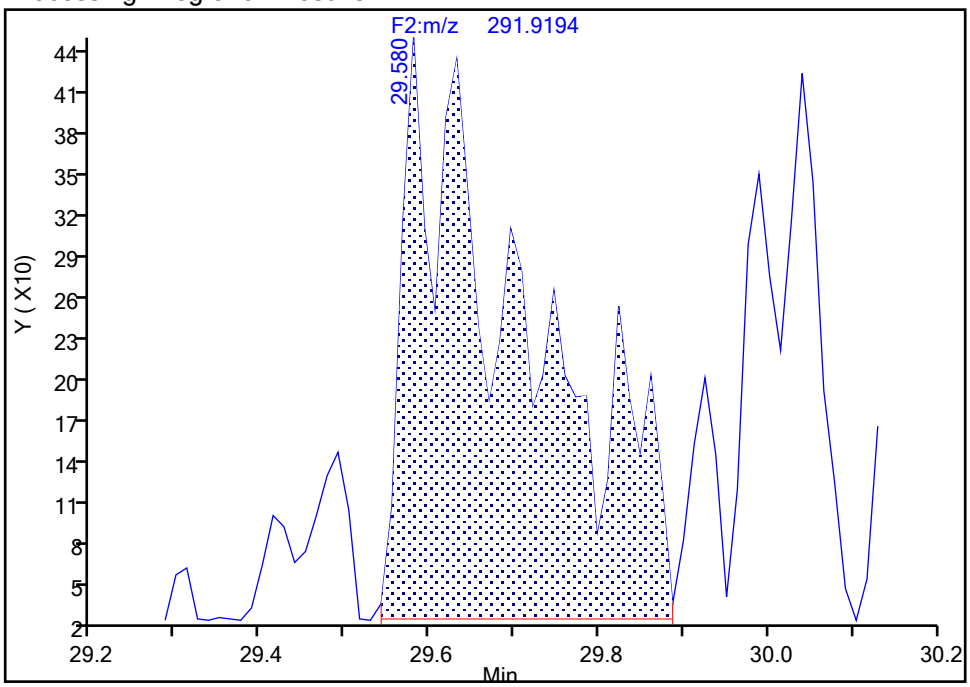
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Injection Date: 03-Jan-2024 18:30:00 Instrument ID: D2D
Lims ID: MB 140-81427/19-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-61/70/74/76, CAS: STL01808

Signal: 2

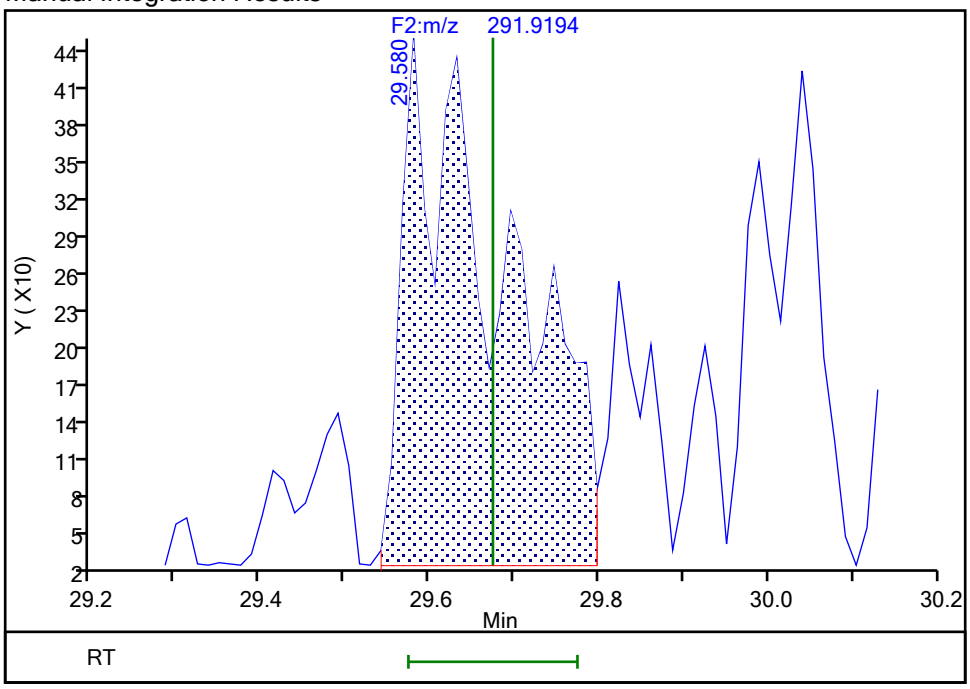
Processing Integration Results

RT: 29.58
Area: 4237
Amount: 0.115709
Amount Units: pg/ul



Manual Integration Results

RT: 29.58
Area: 3530
Amount: 0.120125
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:53:06 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

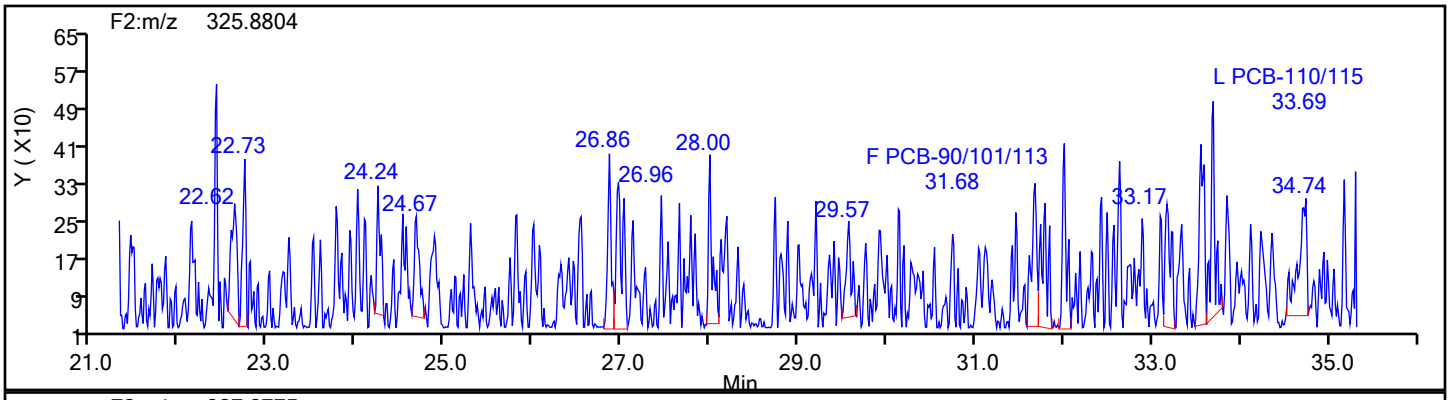
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

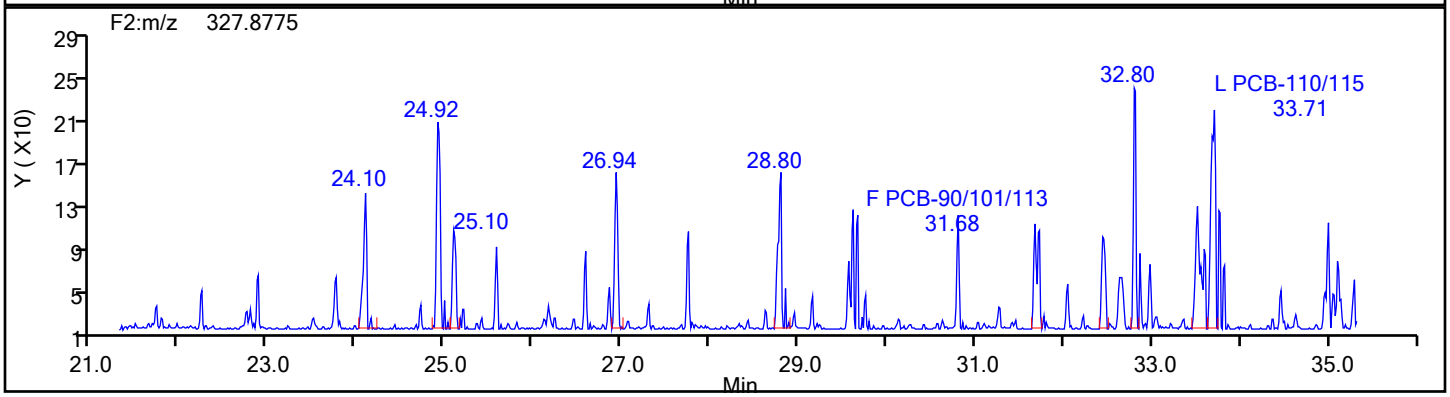
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

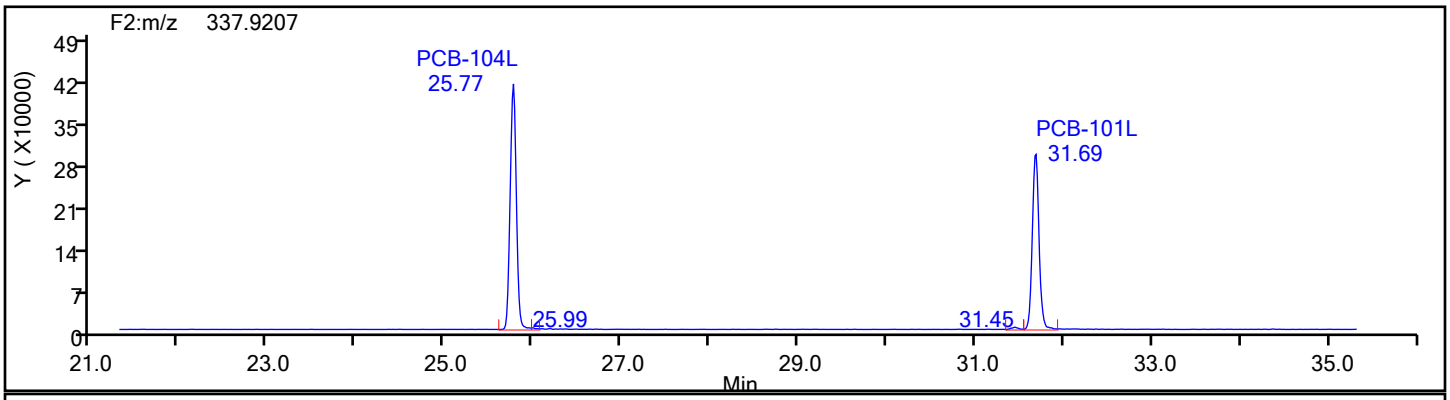
Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

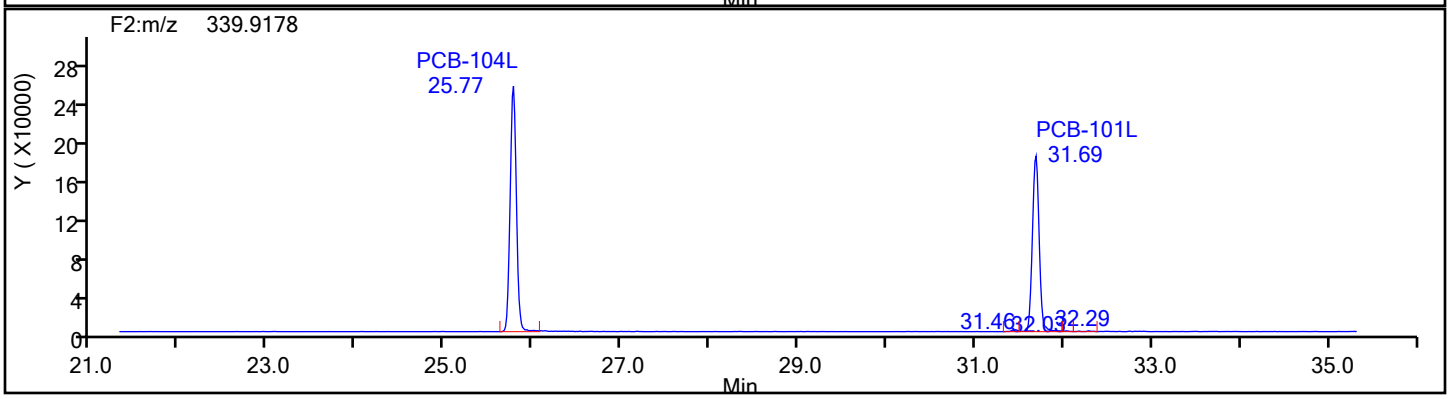
PePCB F2





PePCB F2 Standards



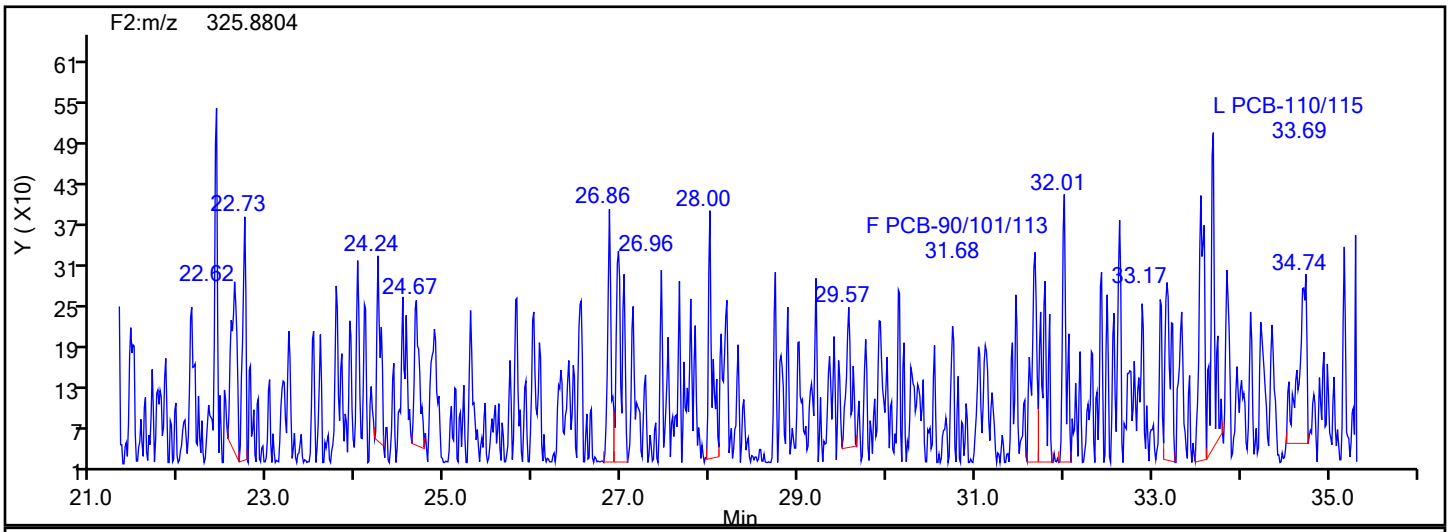


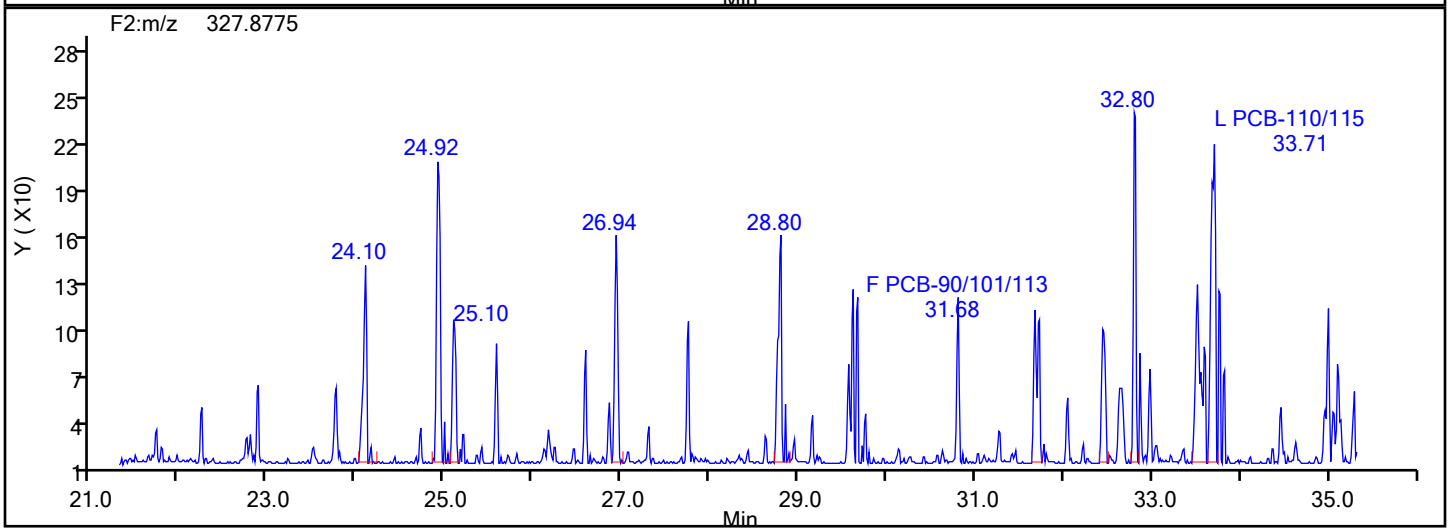
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

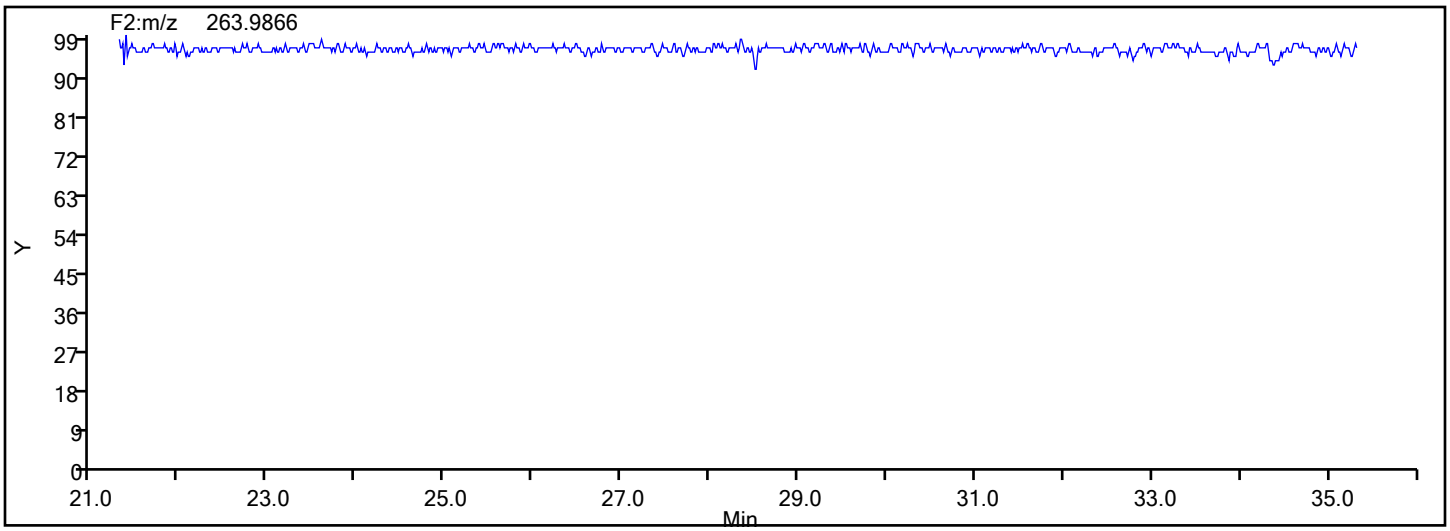
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Injection Date: 03-Jan-2024 18:30:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 7
Column Type: Column Dia:

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

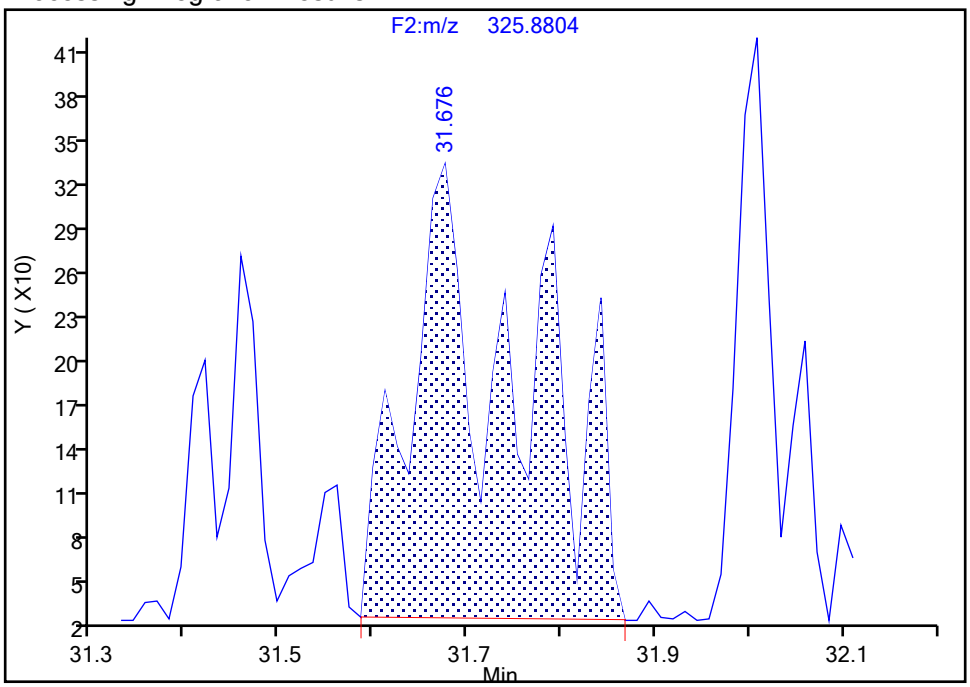
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d
Injection Date: 03-Jan-2024 18:30:00 Instrument ID: D2D
Lims ID: MB 140-81427/19-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 7
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-90/101/113, CAS: STL01813

Signal: 1

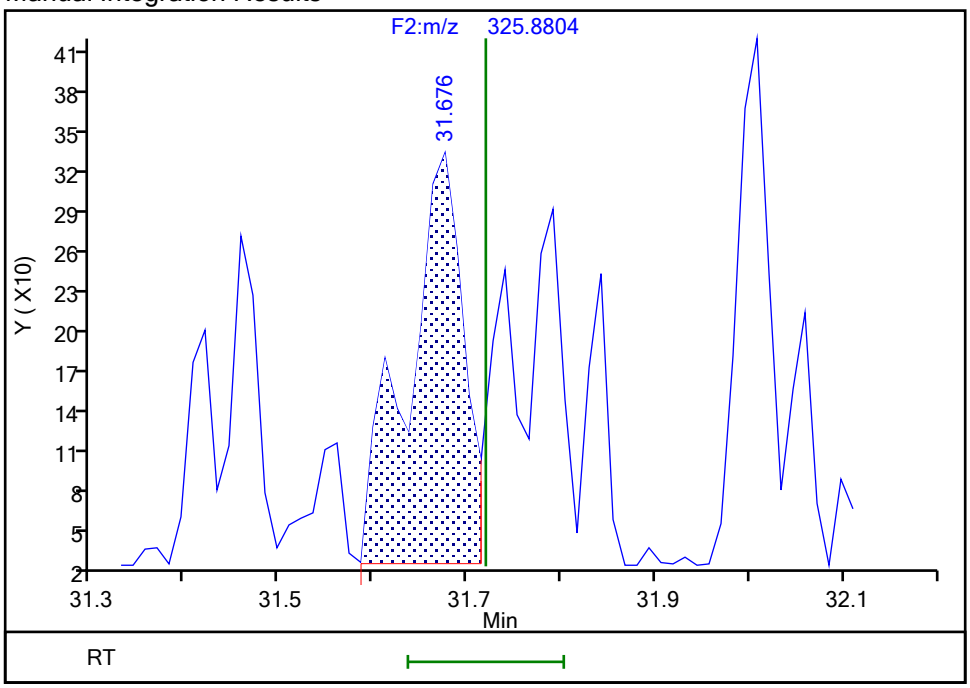
Processing Integration Results

RT: 31.68
Area: 2525
Amount: 0.093098
Amount Units: pg/ul



Manual Integration Results

RT: 31.68
Area: 1244
Amount: 0.051803
Amount Units: pg/ul



Reviewer: V4XA, 03-Jan-2024 19:53:33 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

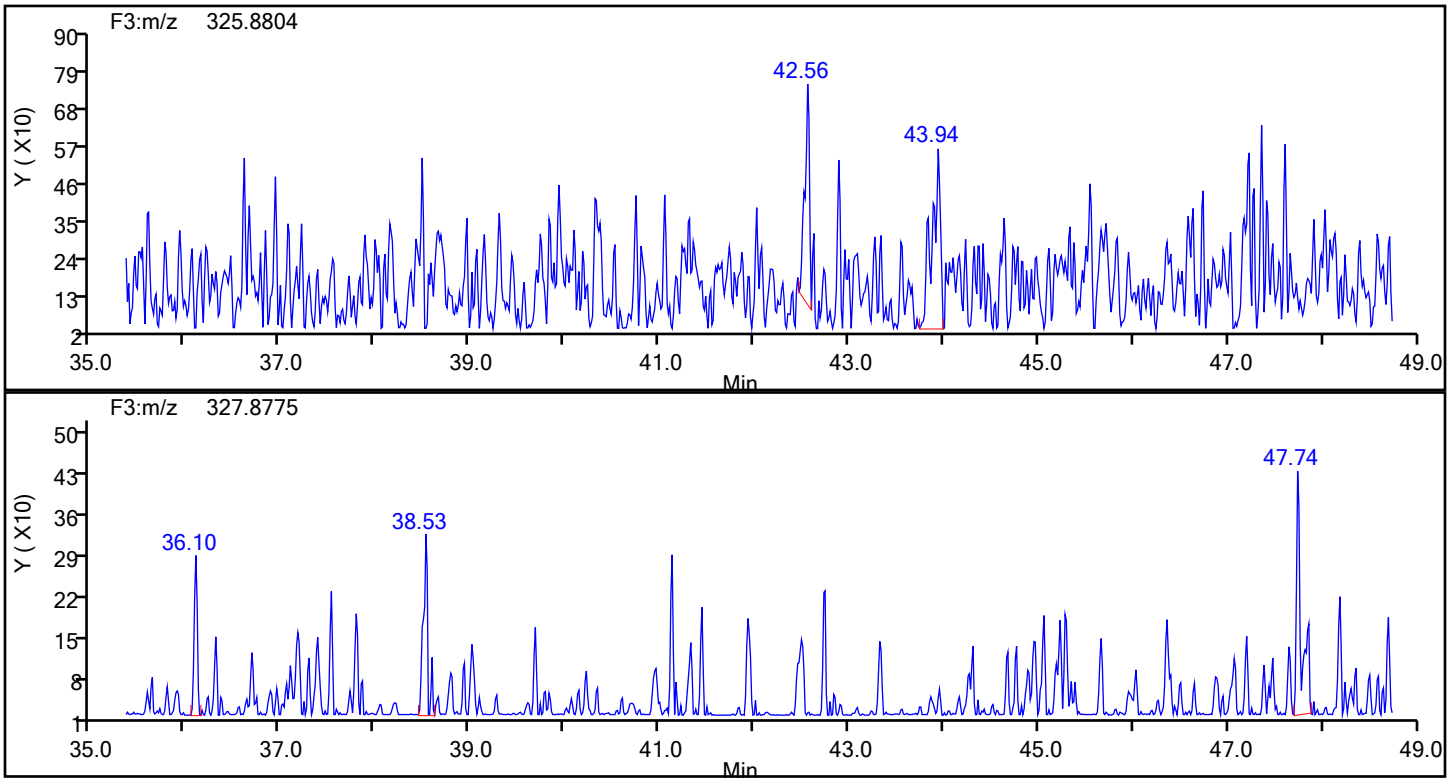
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

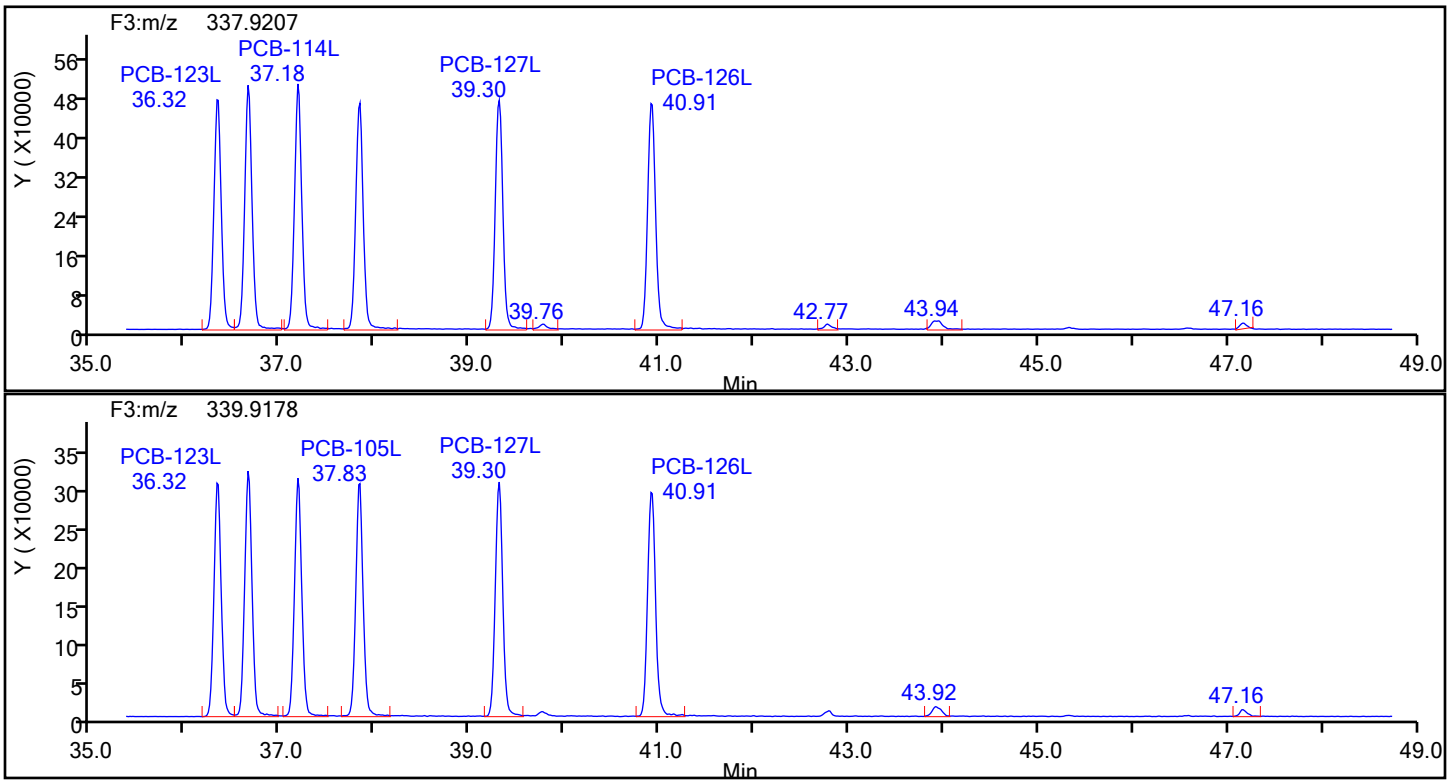
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards

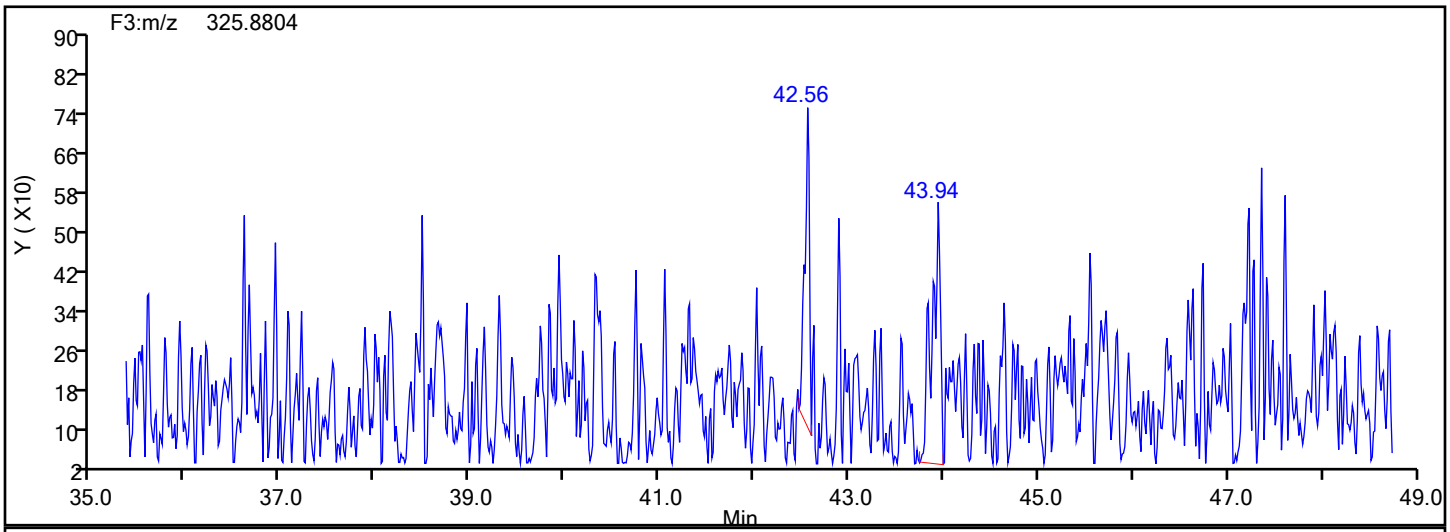


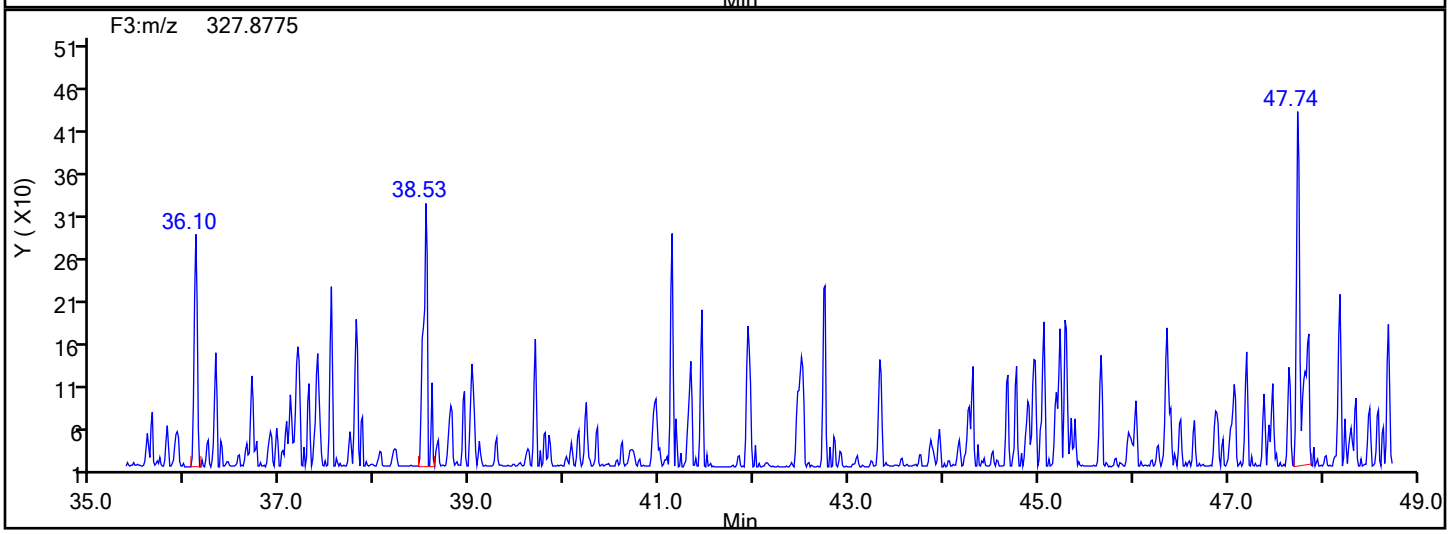
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

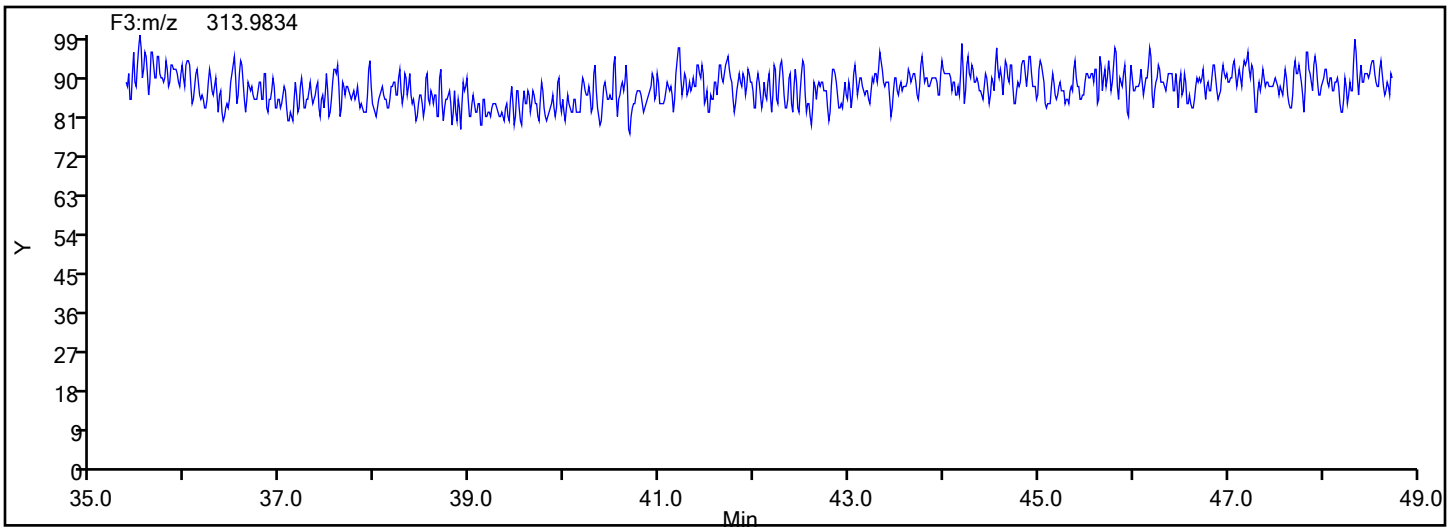
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d		
Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



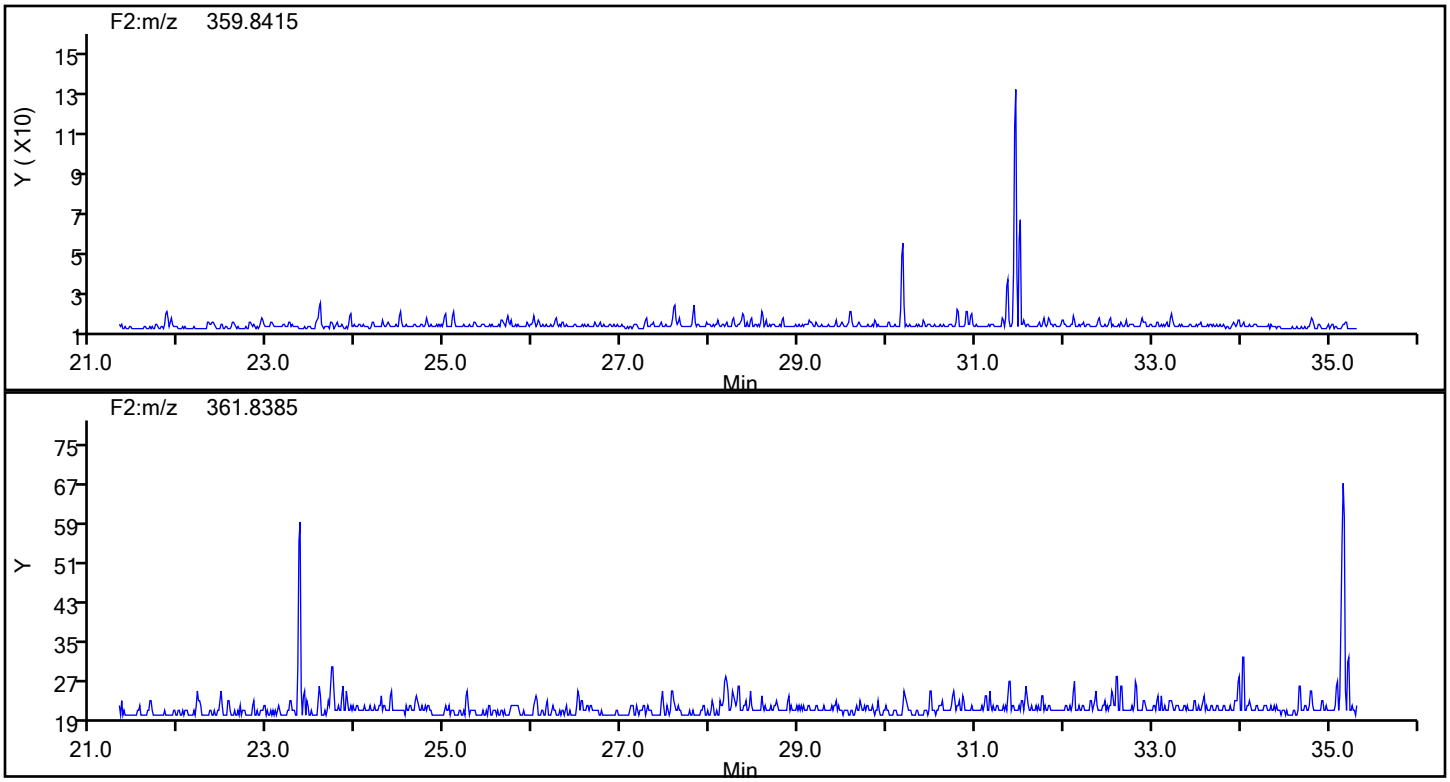
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

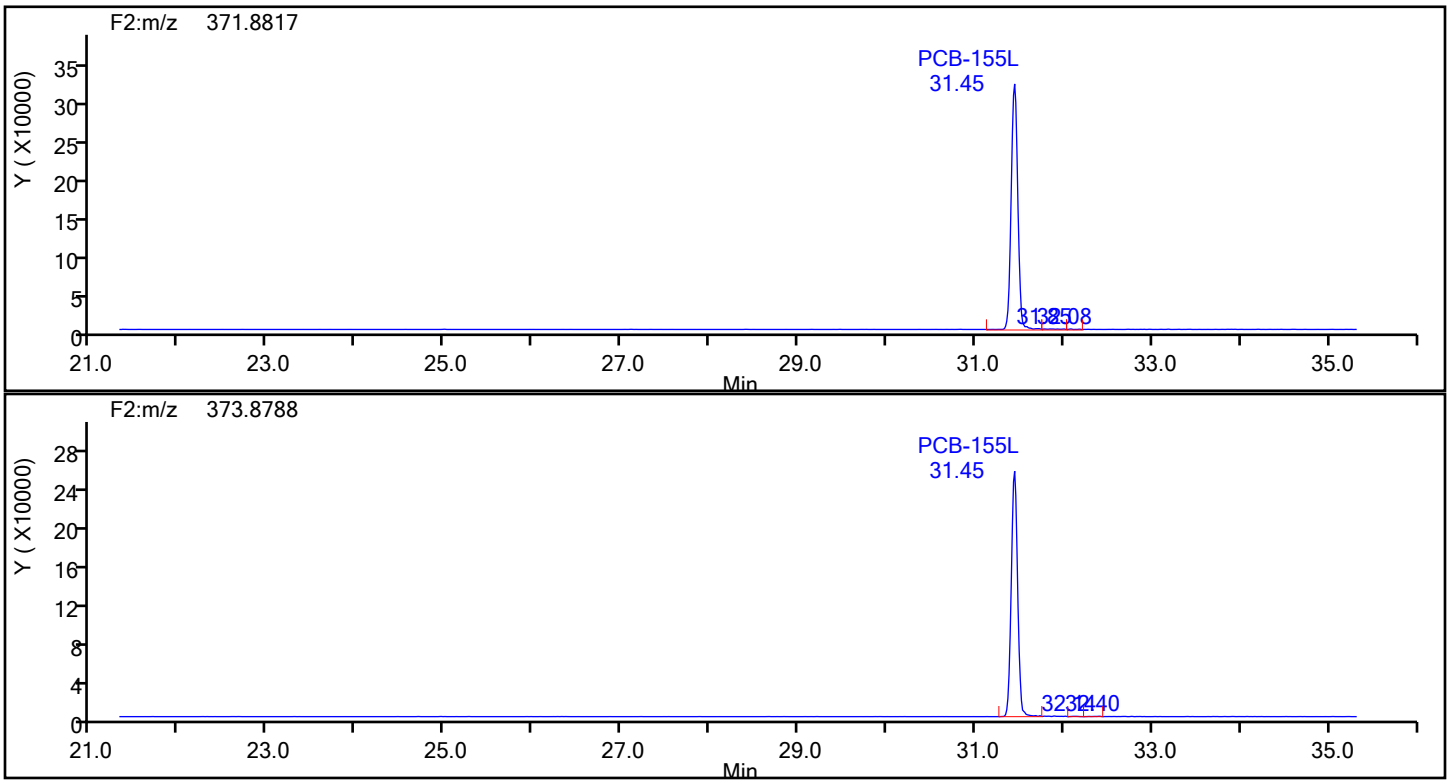
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

HxPCB F2



HxPCB F2 Standards



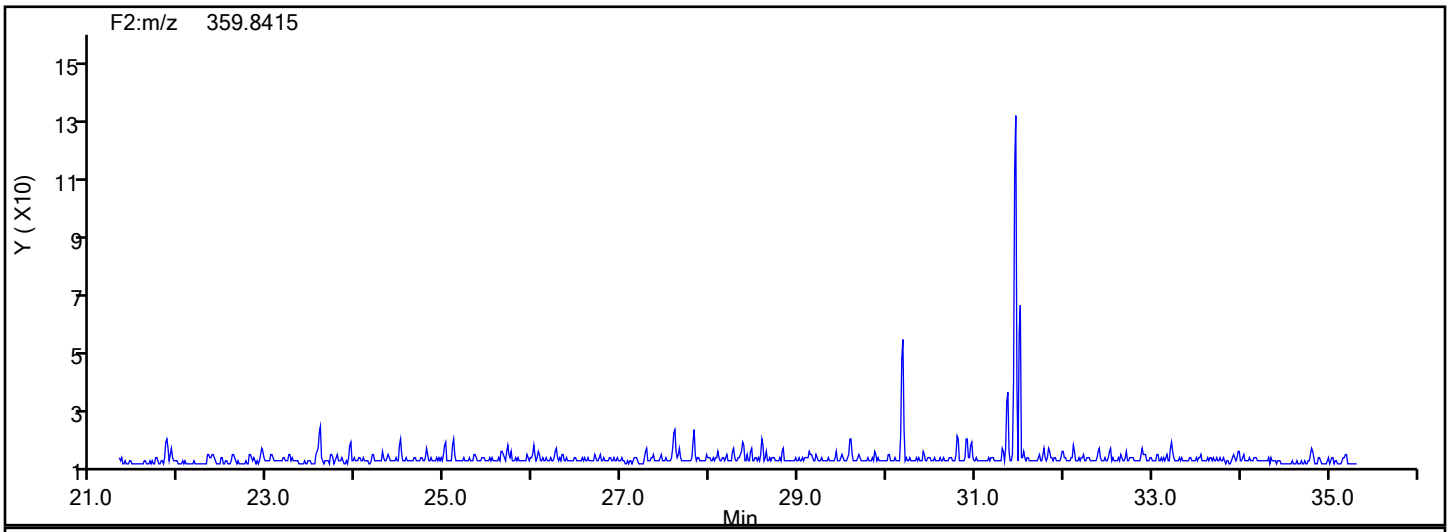
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

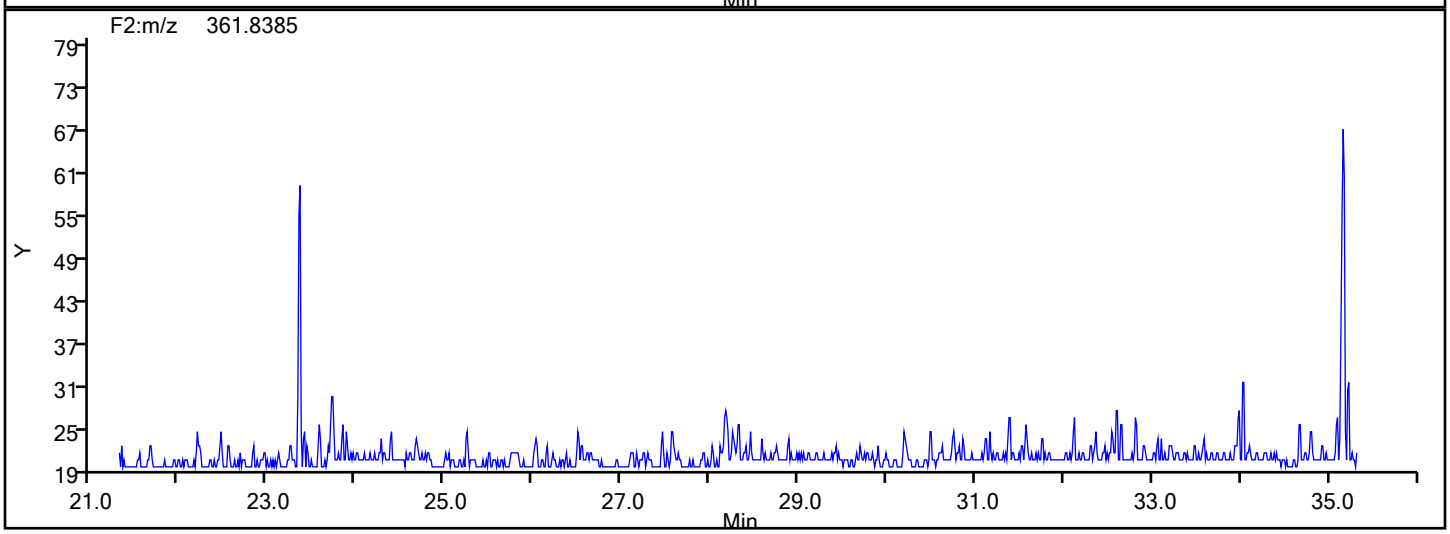
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

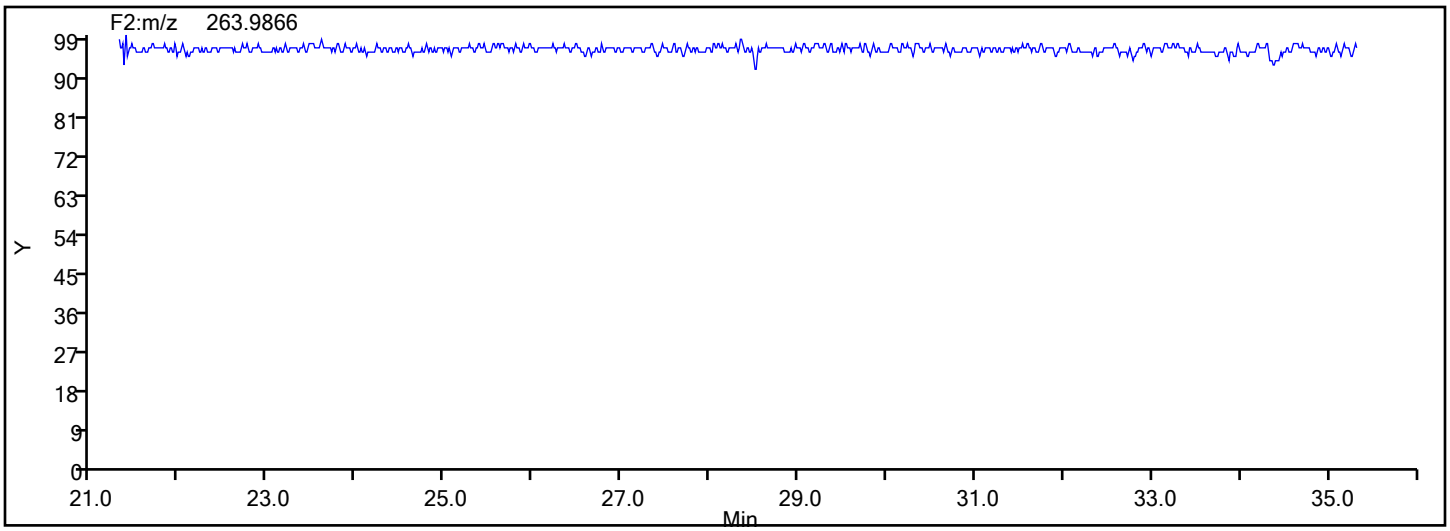
Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



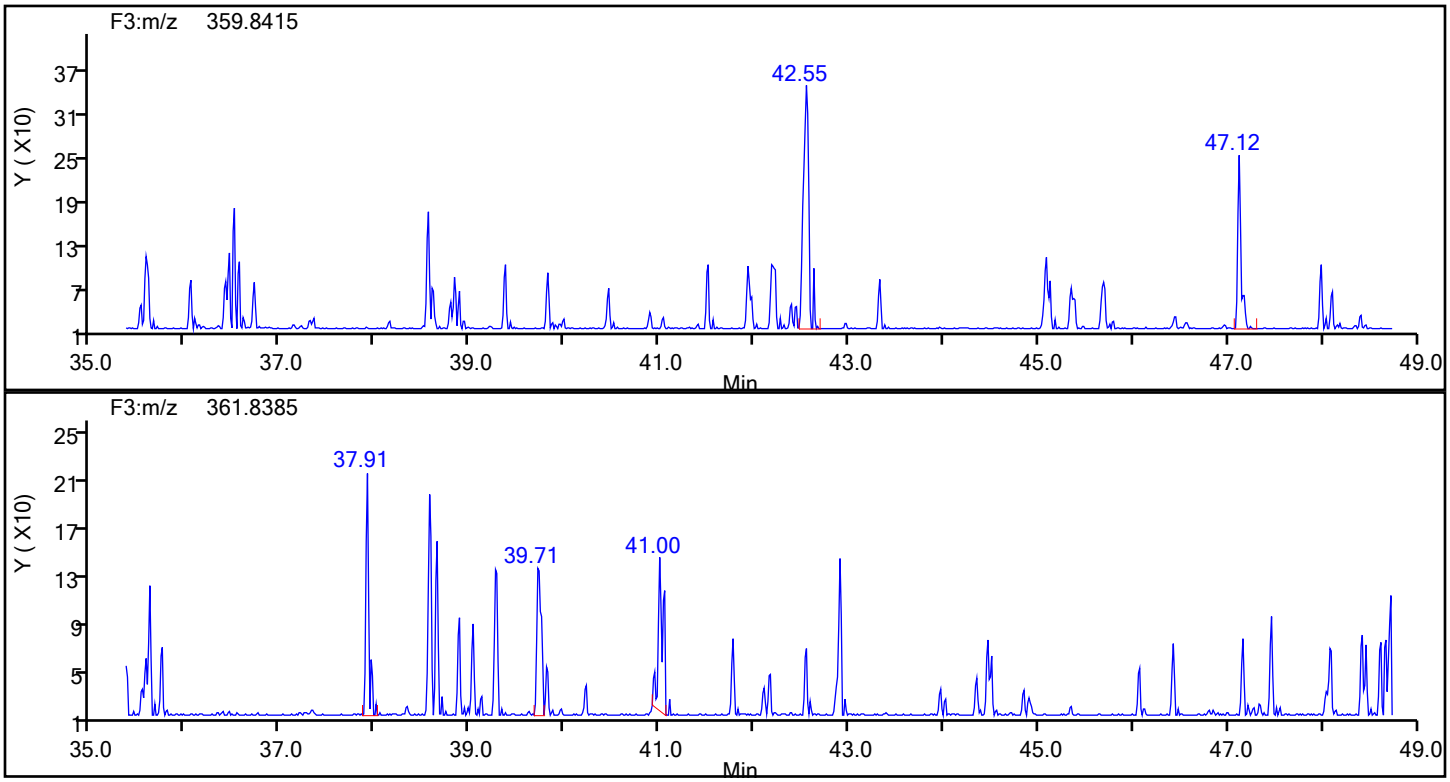
Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

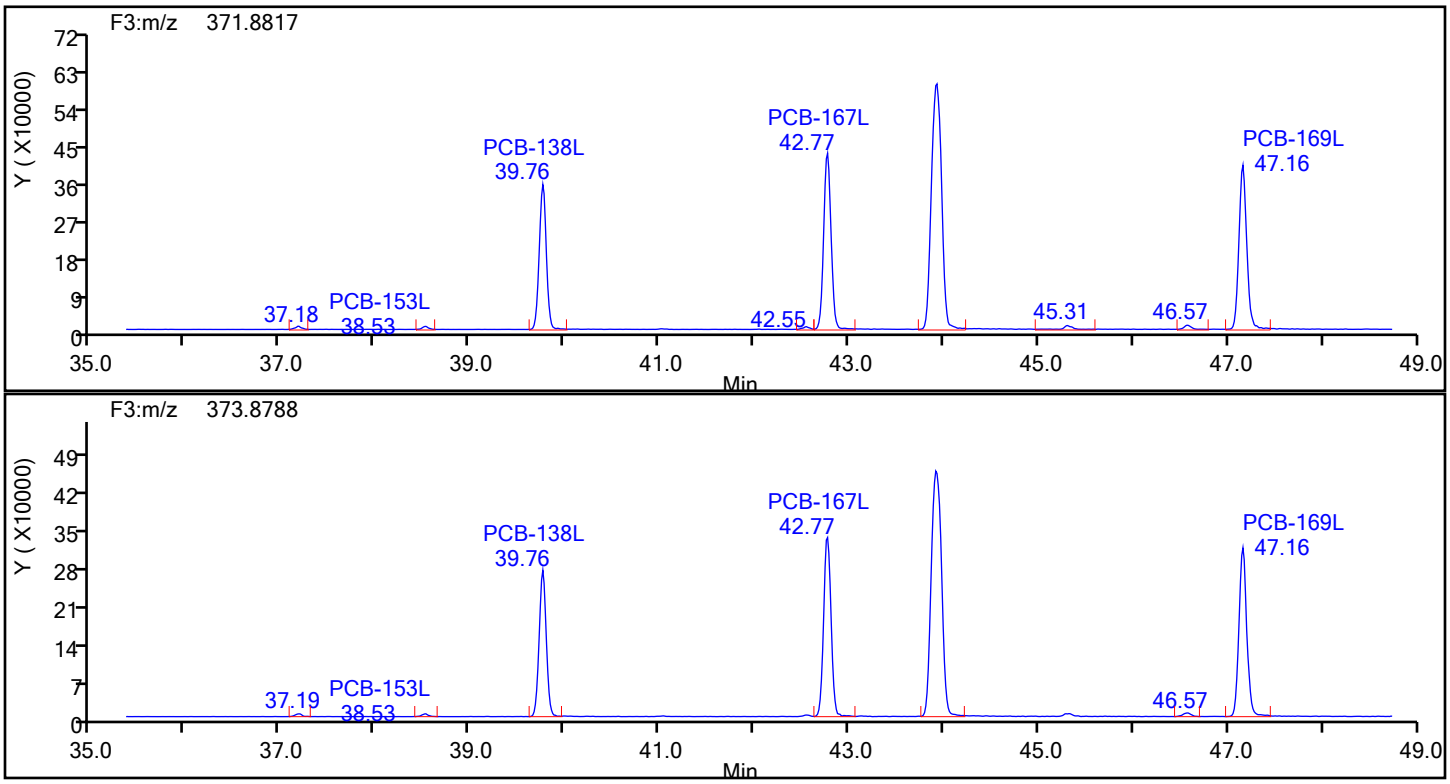
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d

Injection Date:	03-Jan-2024 18:30:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	7
Column Type:		Column Dia:	

HxPCB F3



HxPCB F3 Standards



Report Date: 03-Jan-2024 20:00:51 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

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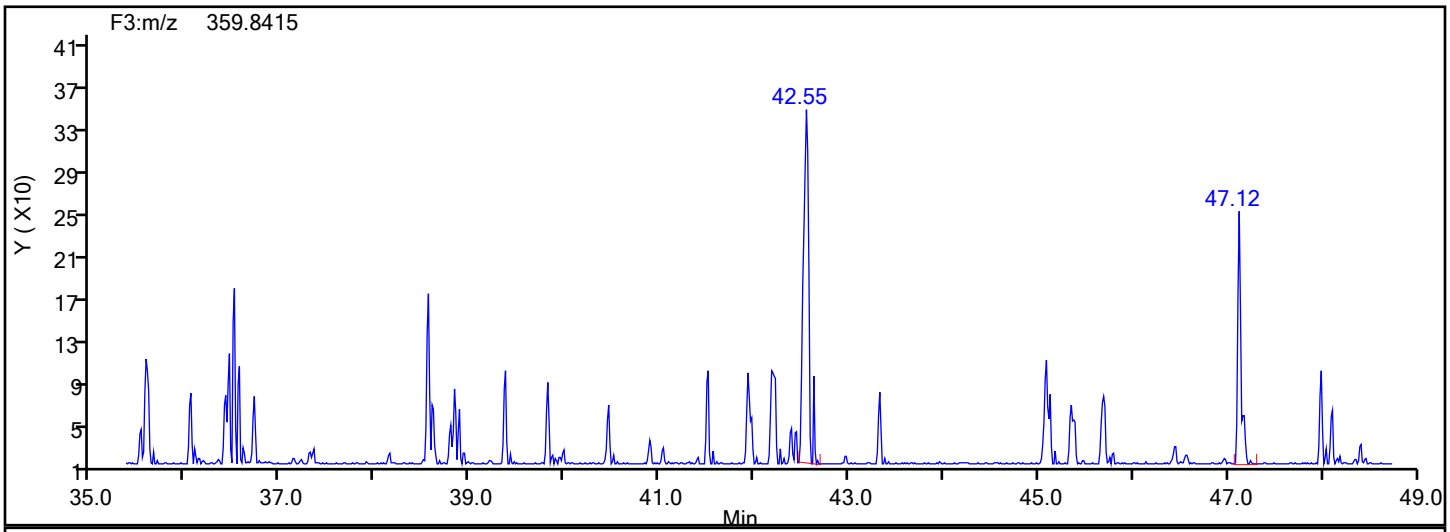
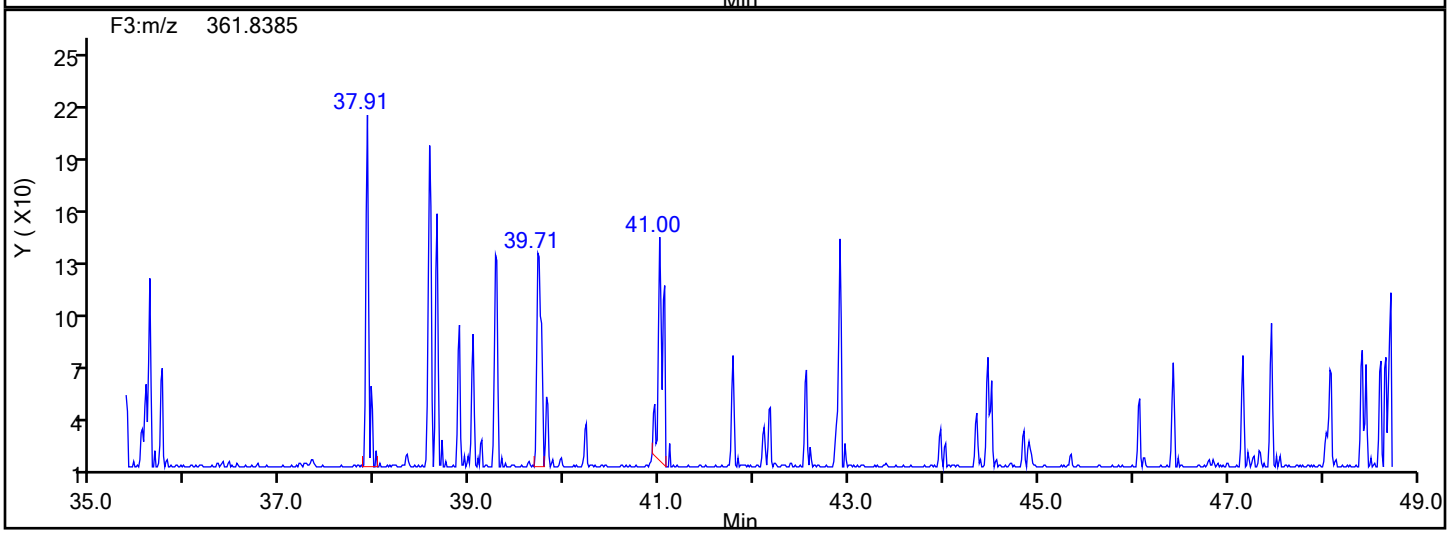
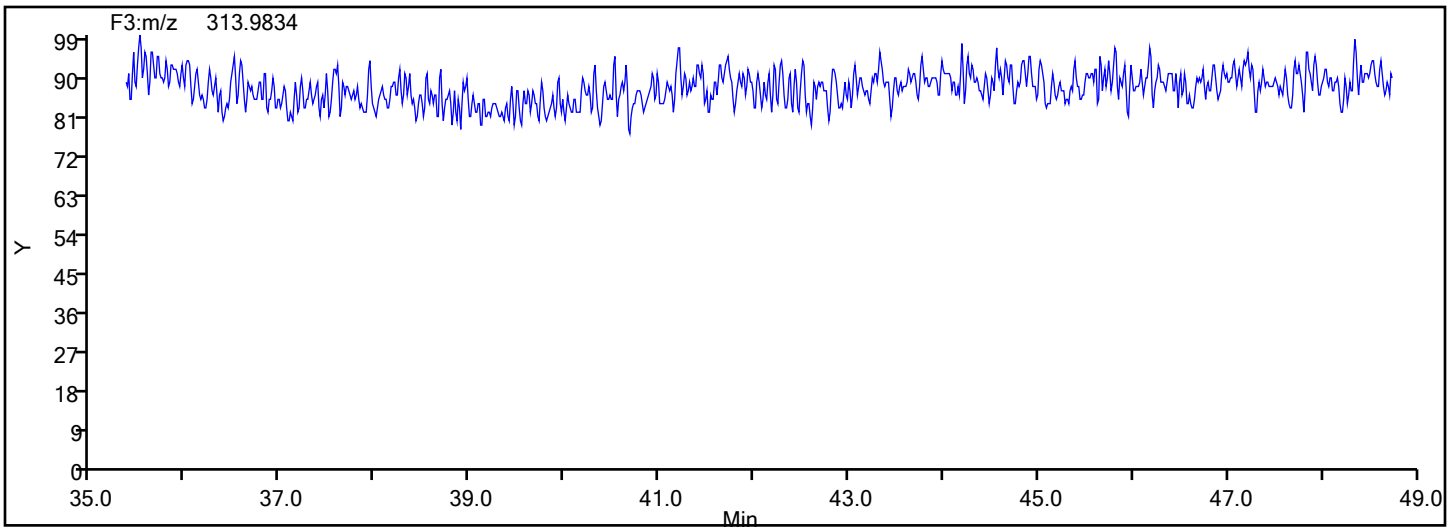




HxPCB F3 Lock Mass



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Eurofins Knoxville

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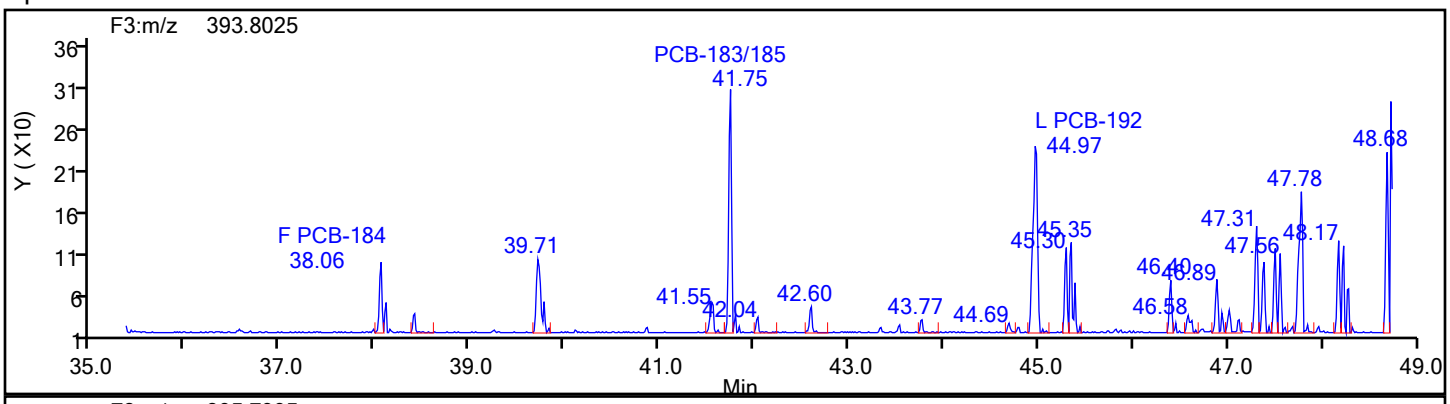

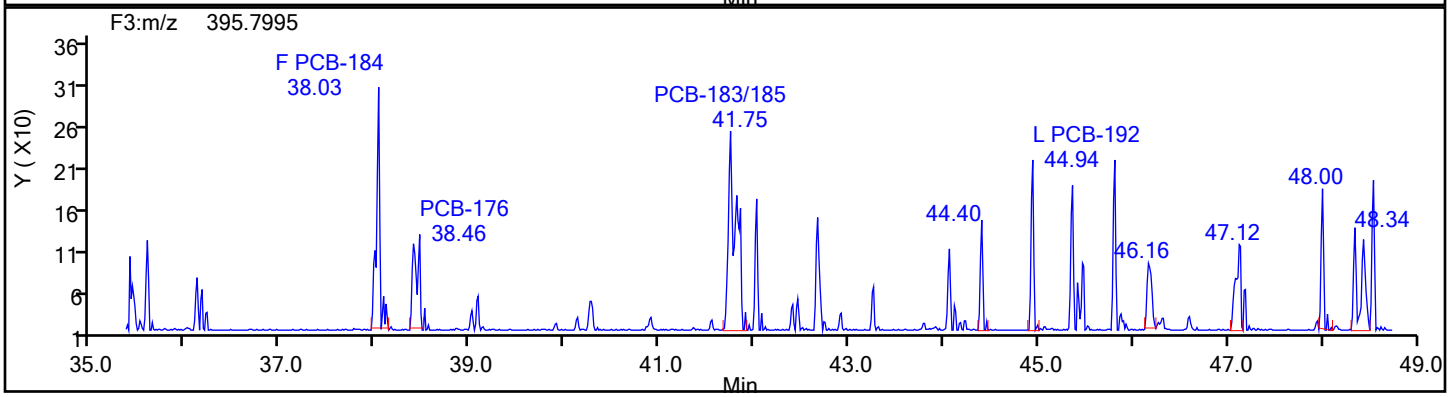

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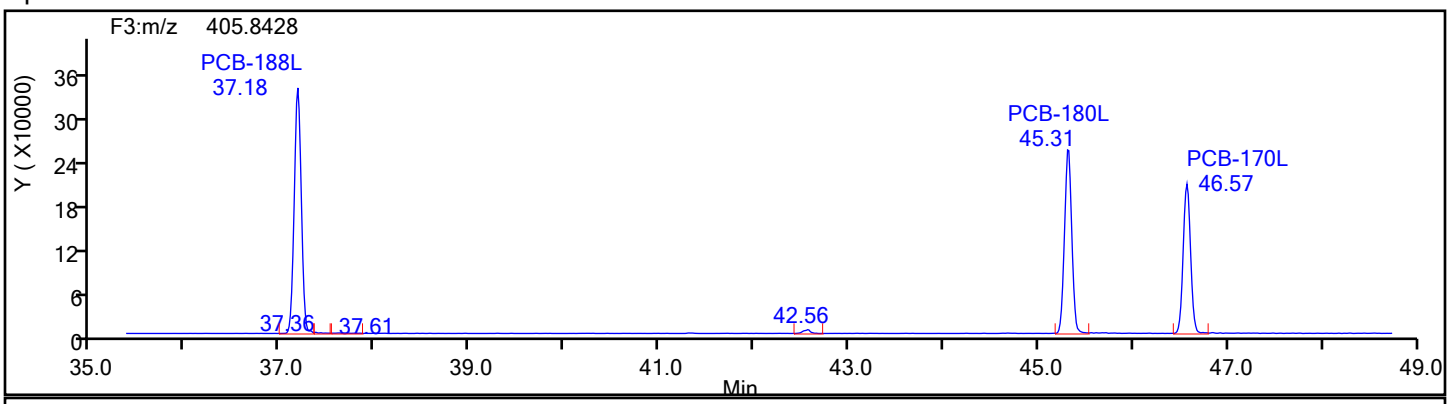

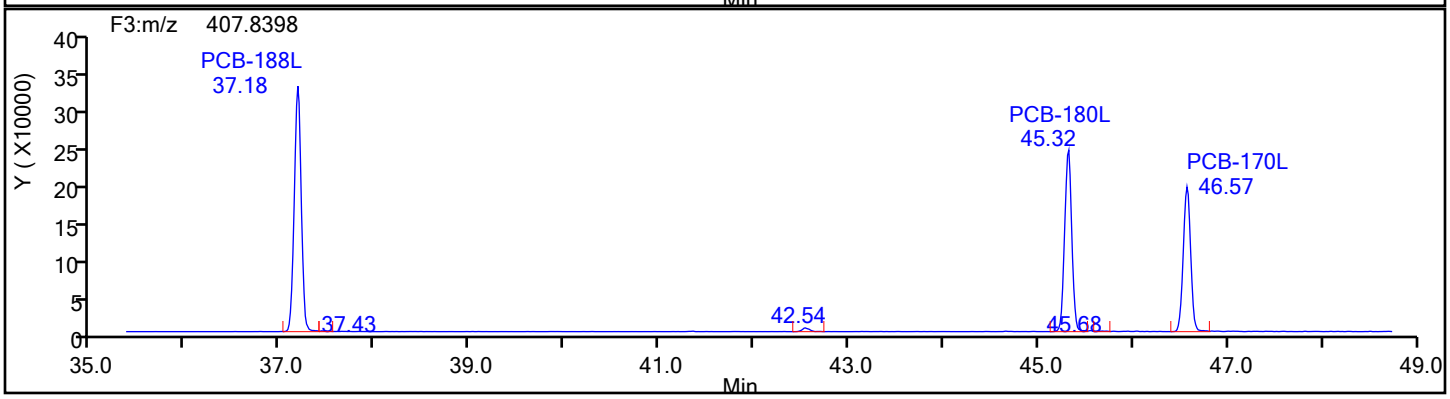

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Eurofins Knoxville

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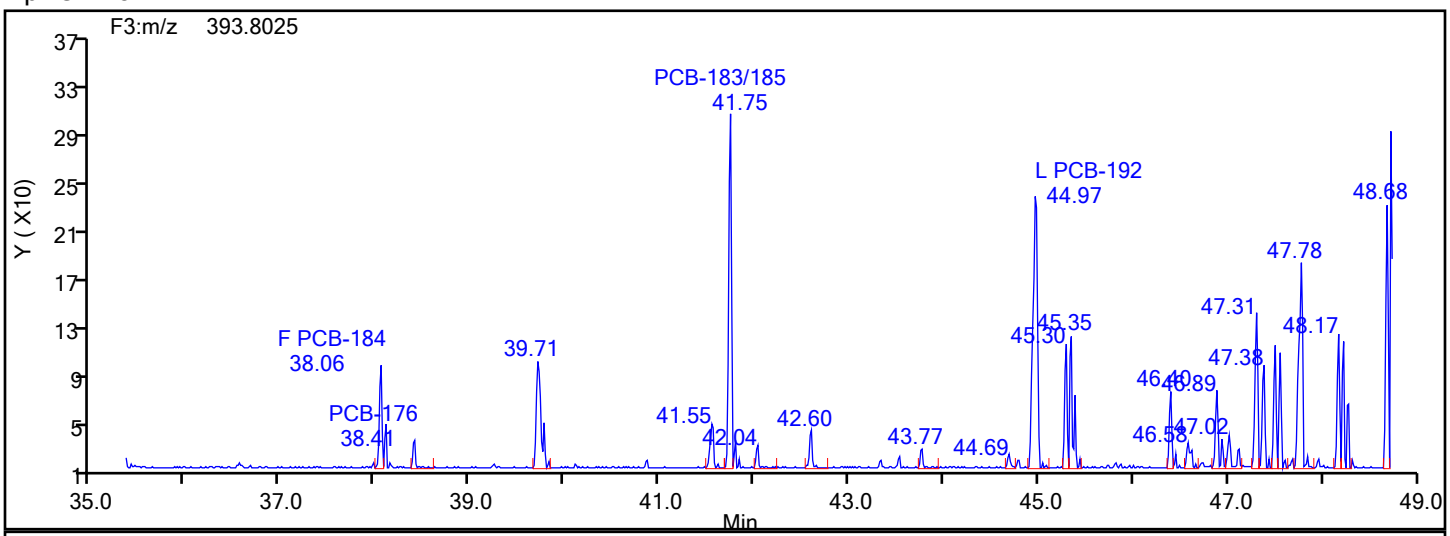
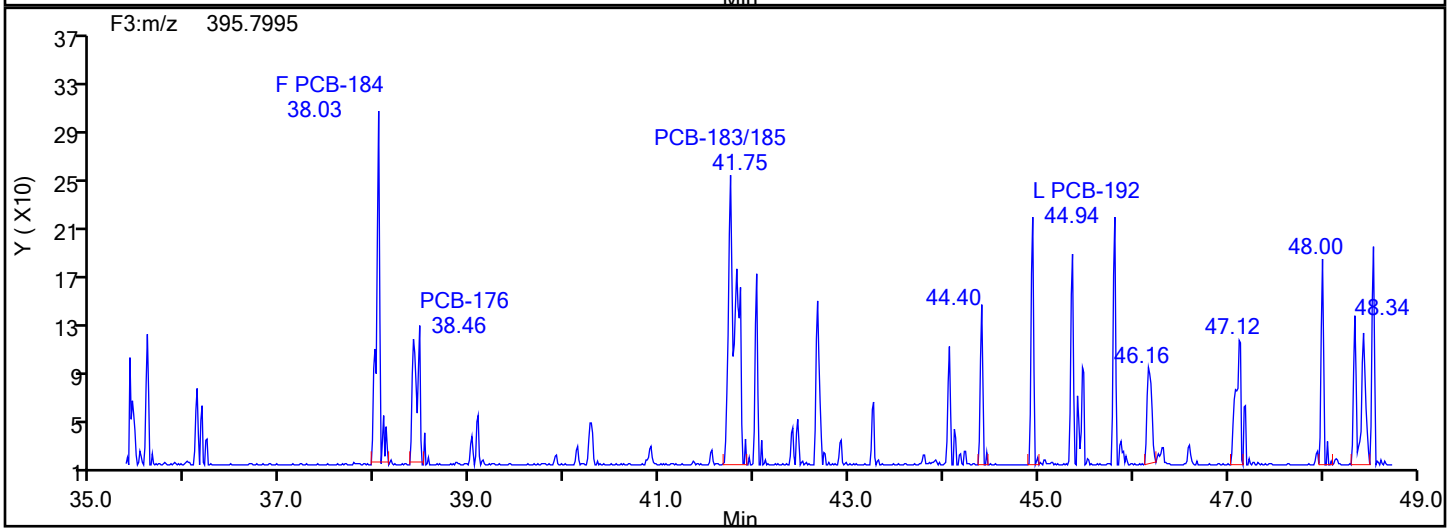
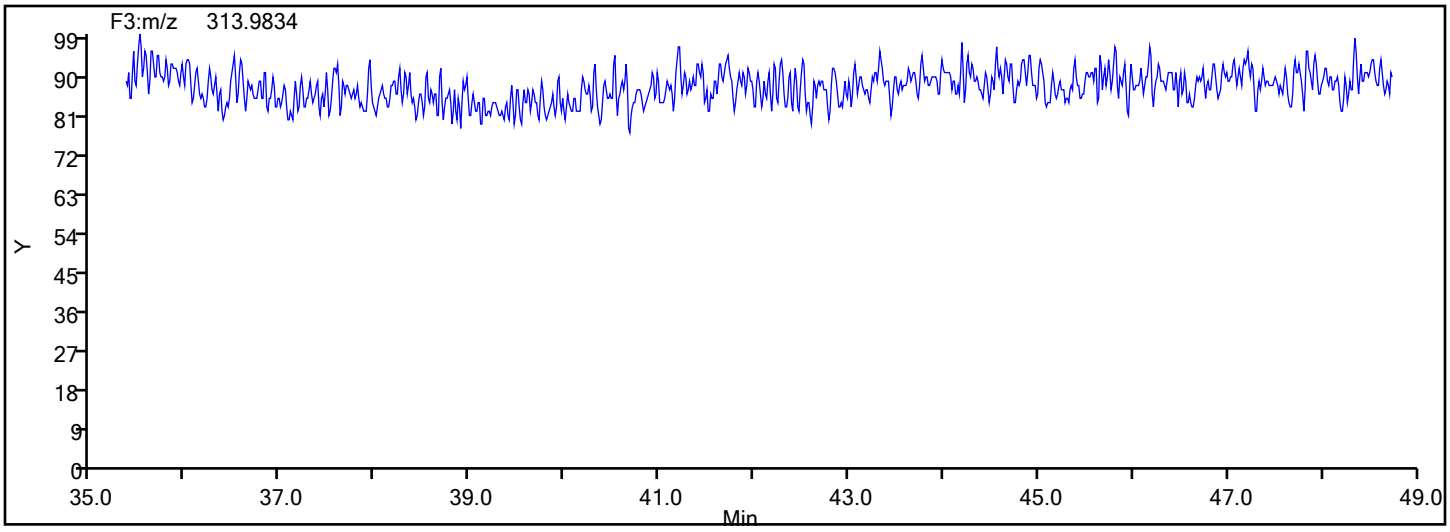




HpPCB F3 Lock Mass



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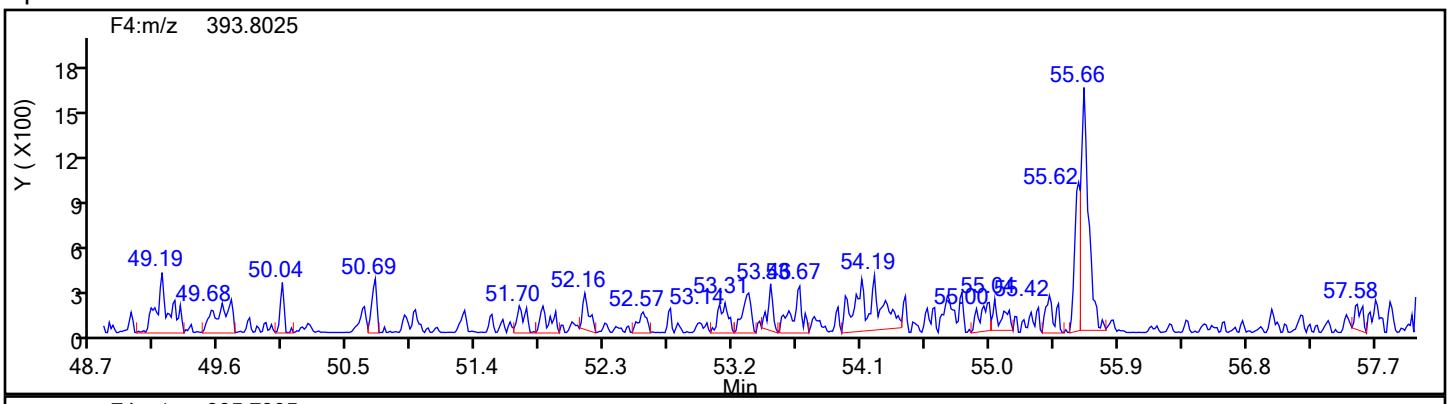
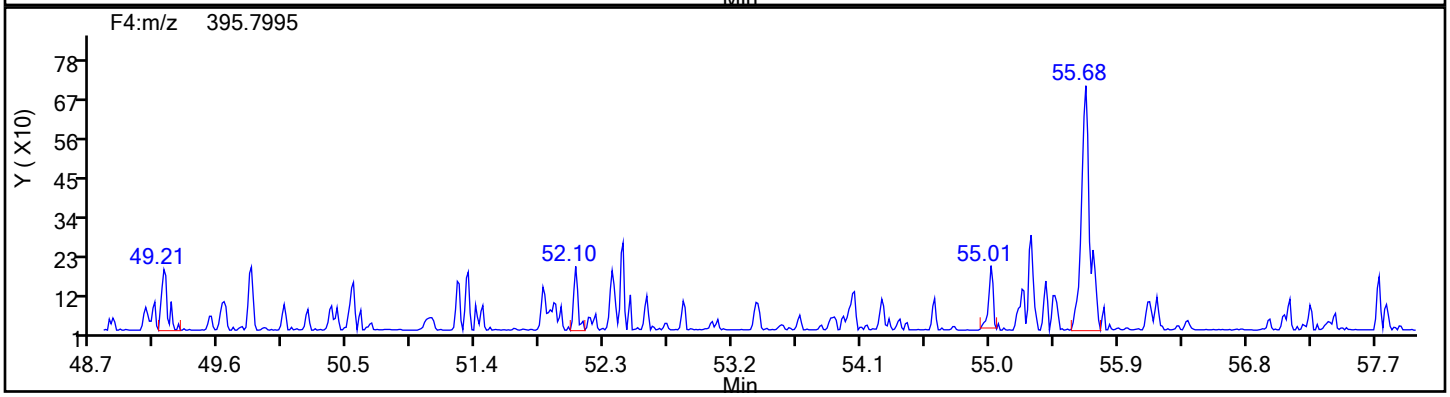
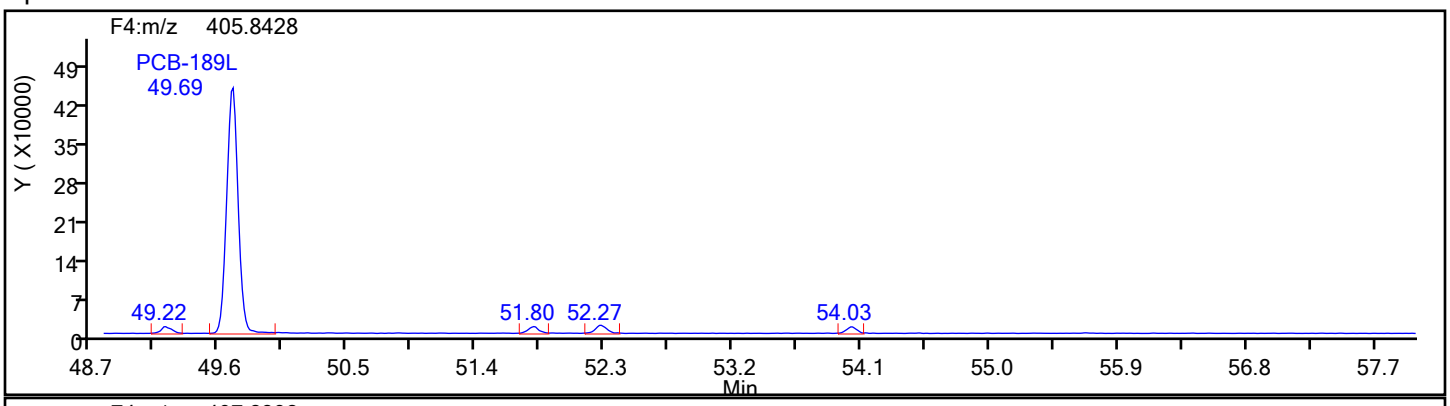
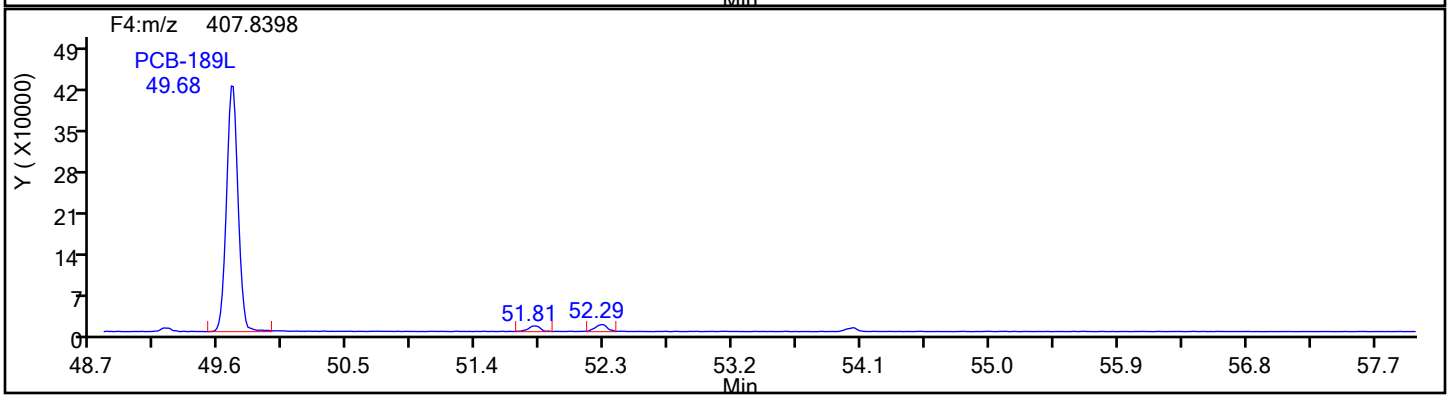
HpPCB F4





HpPCB F4 Standards





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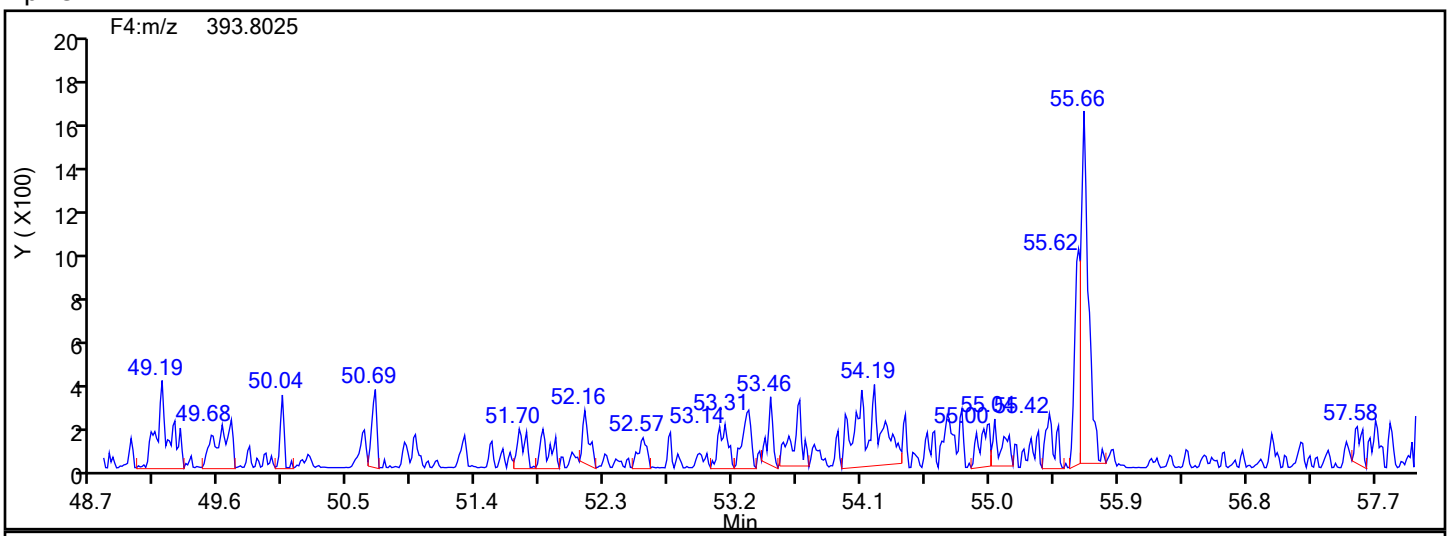
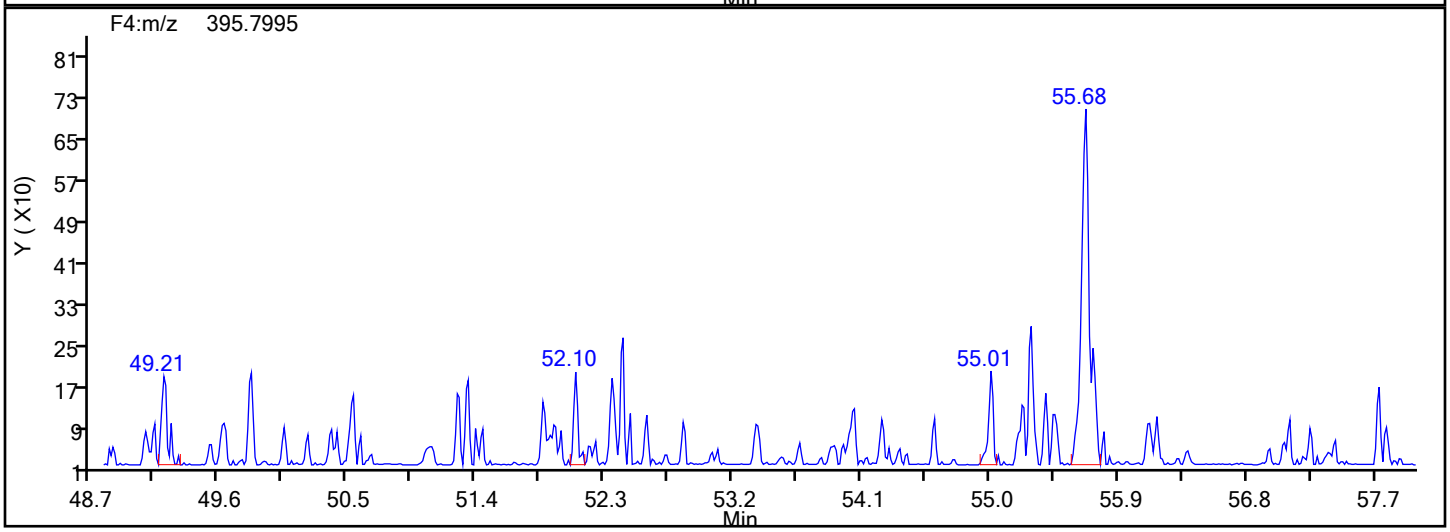
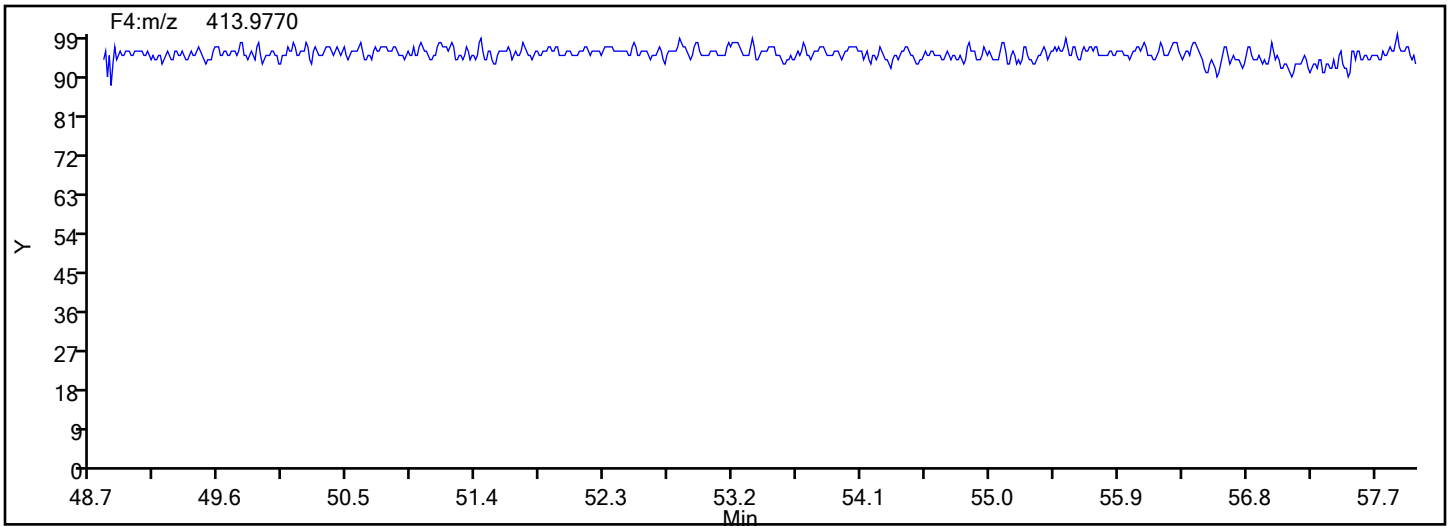




HpPCB F4 Lock Mass



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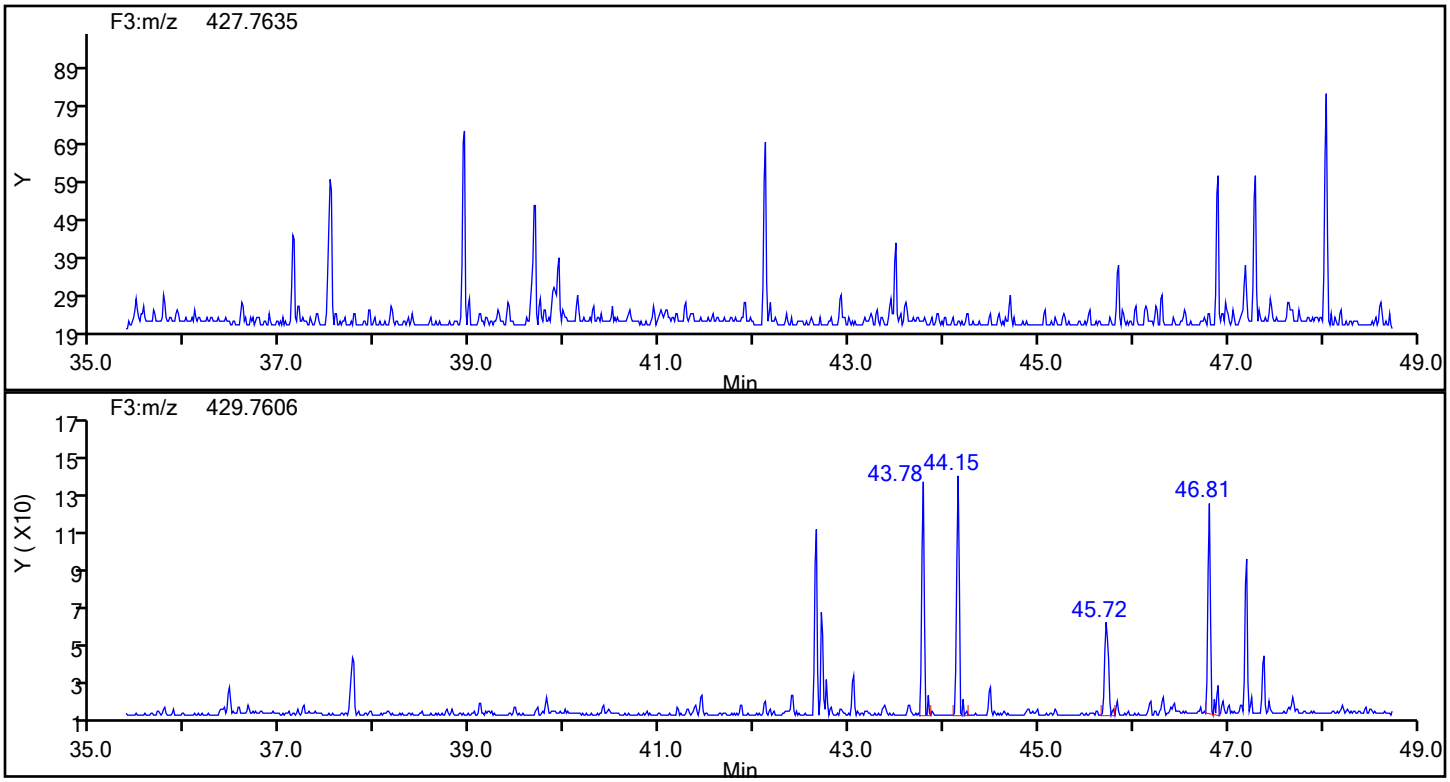
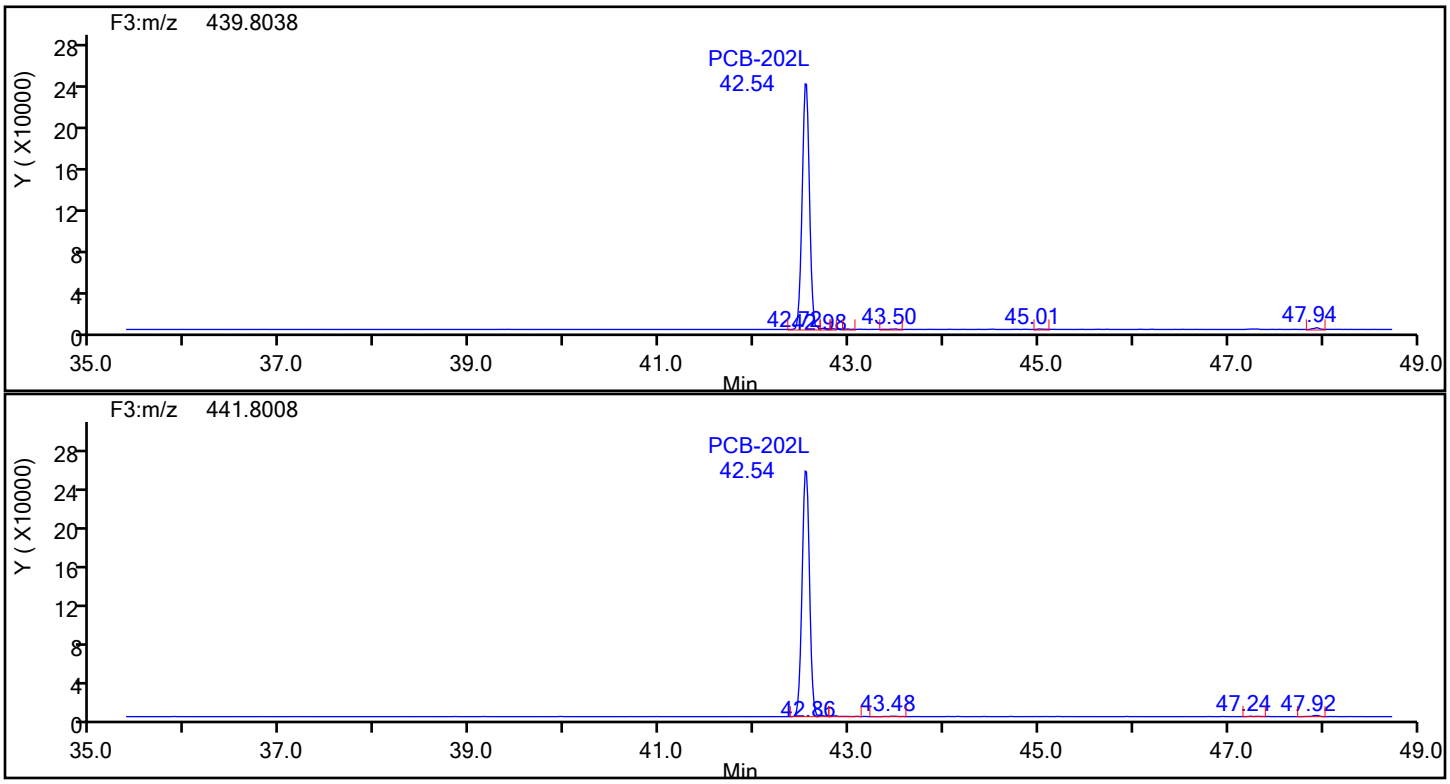


OcPCB F3 Standards



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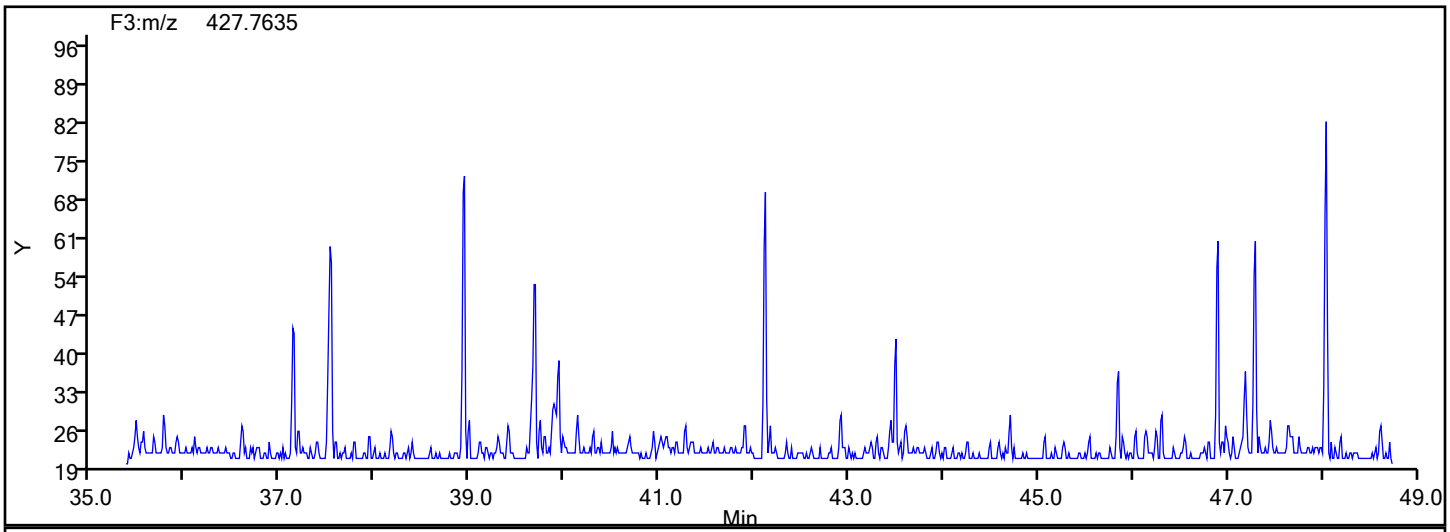
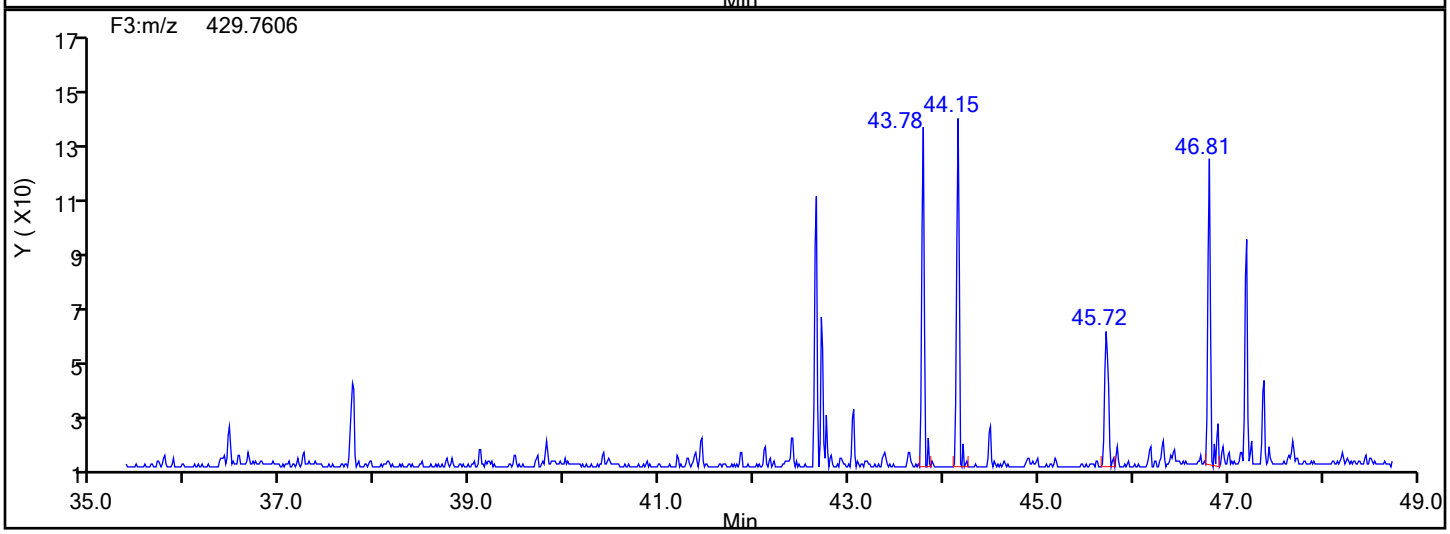
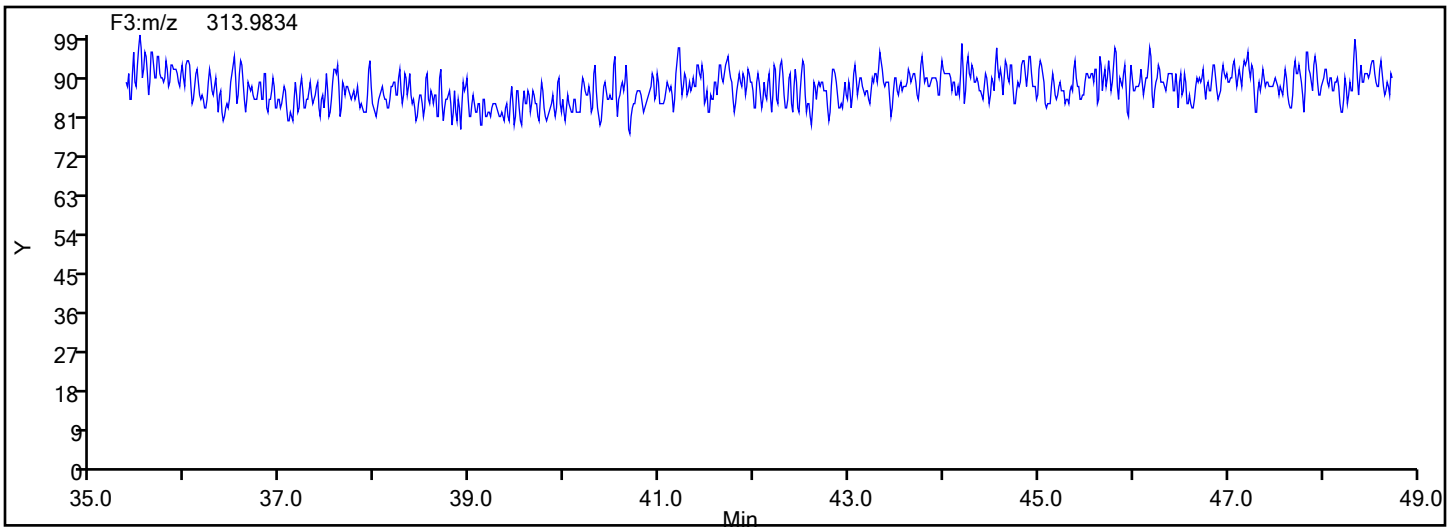
OcPCB F3





OcPCB F3 Lock Mass



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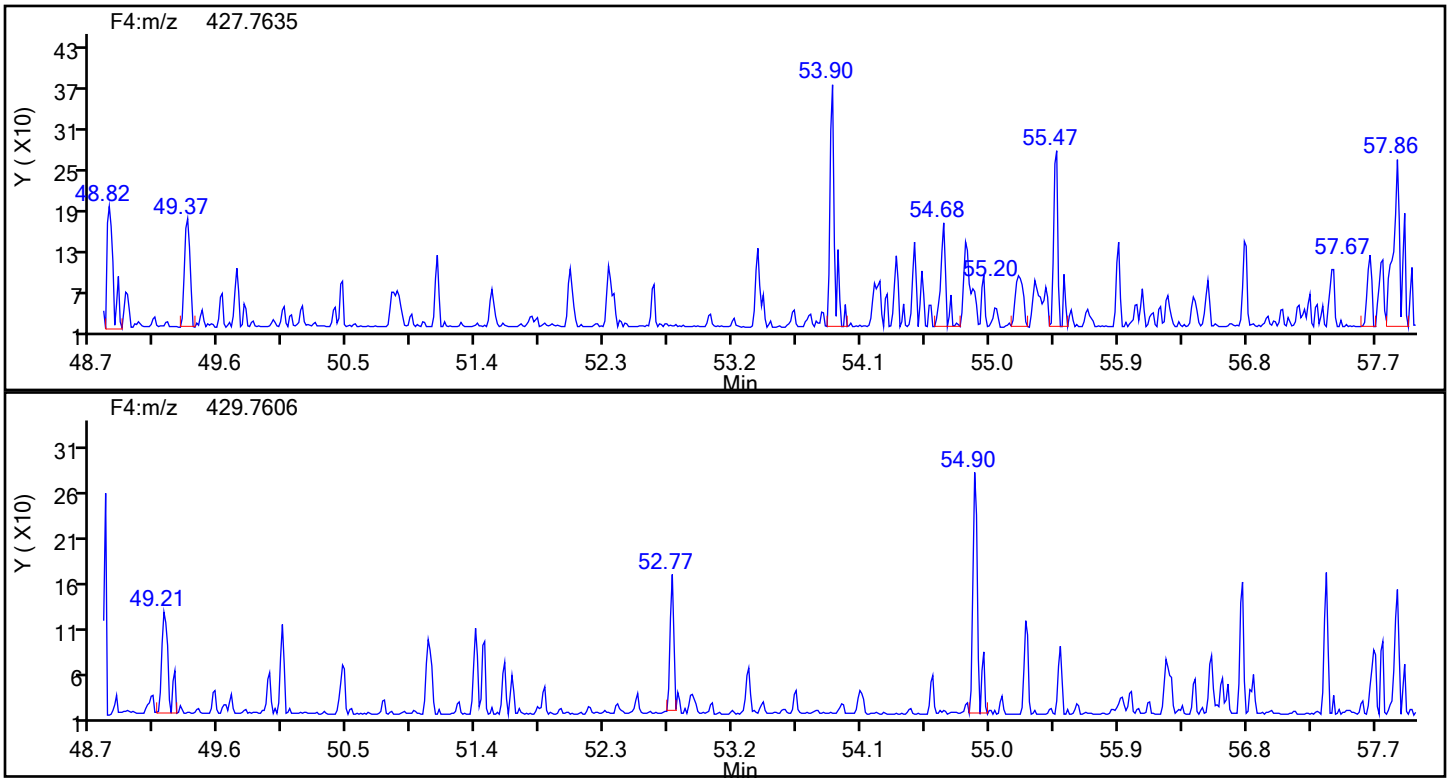
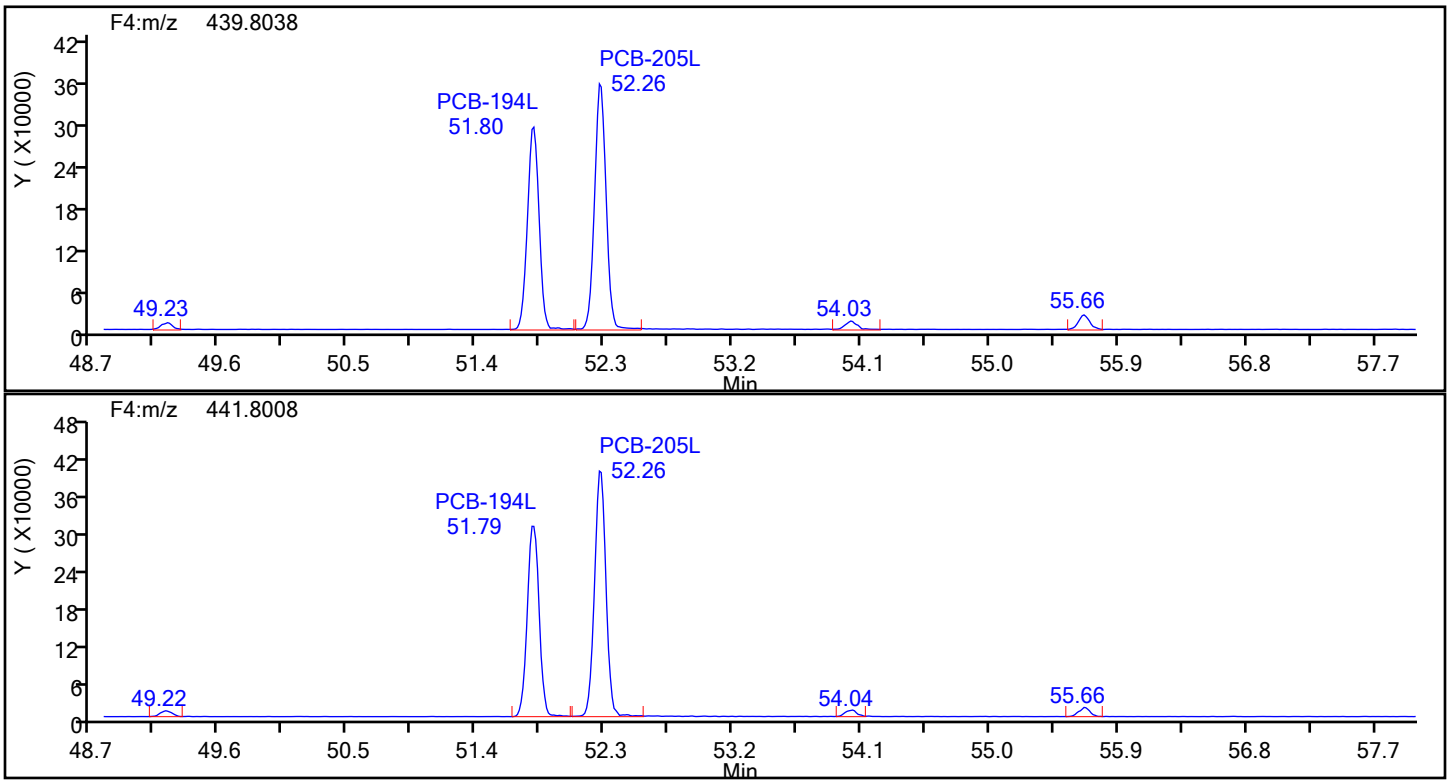
OcPCB F4



OcPCB F4 Standards



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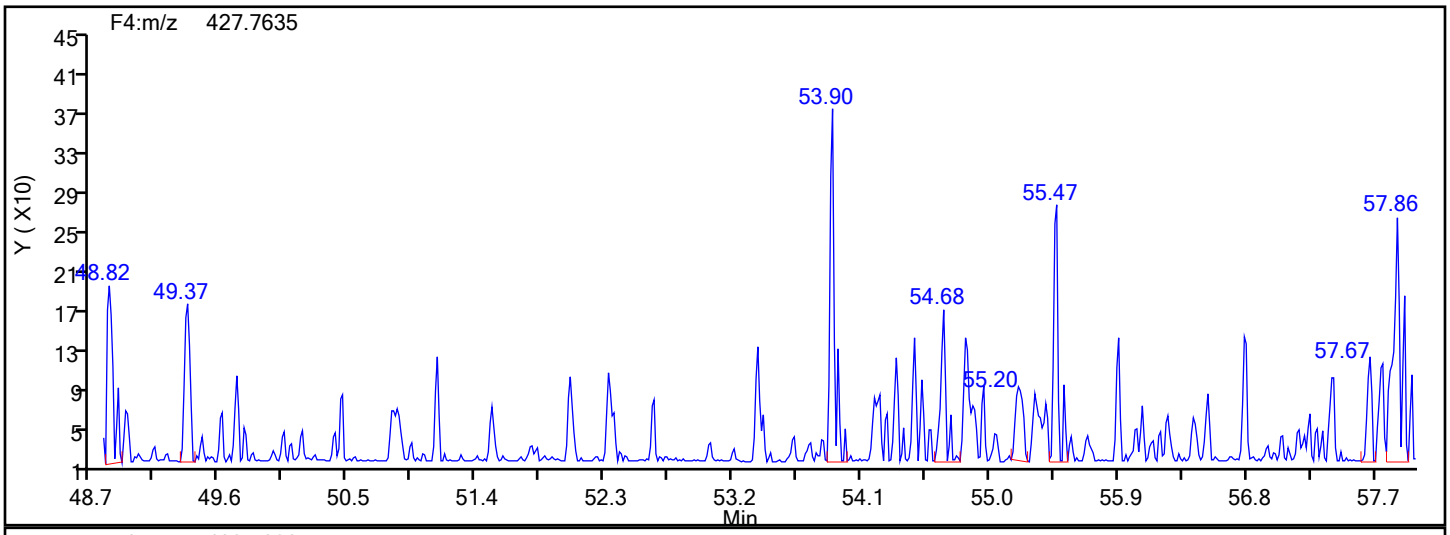
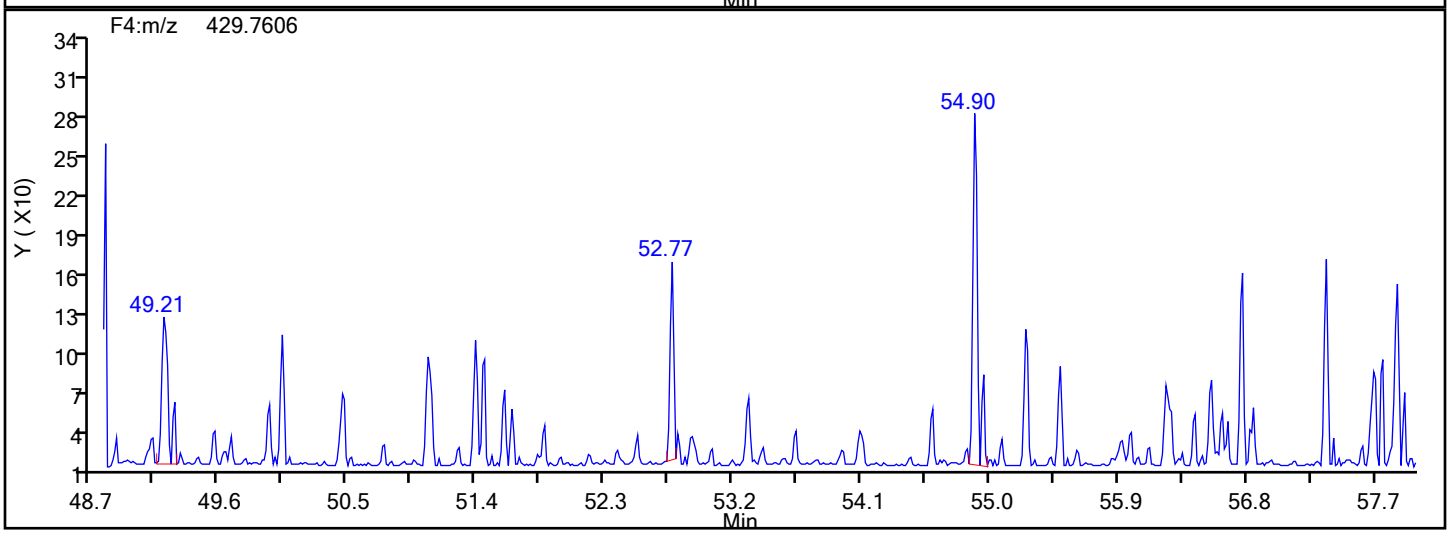
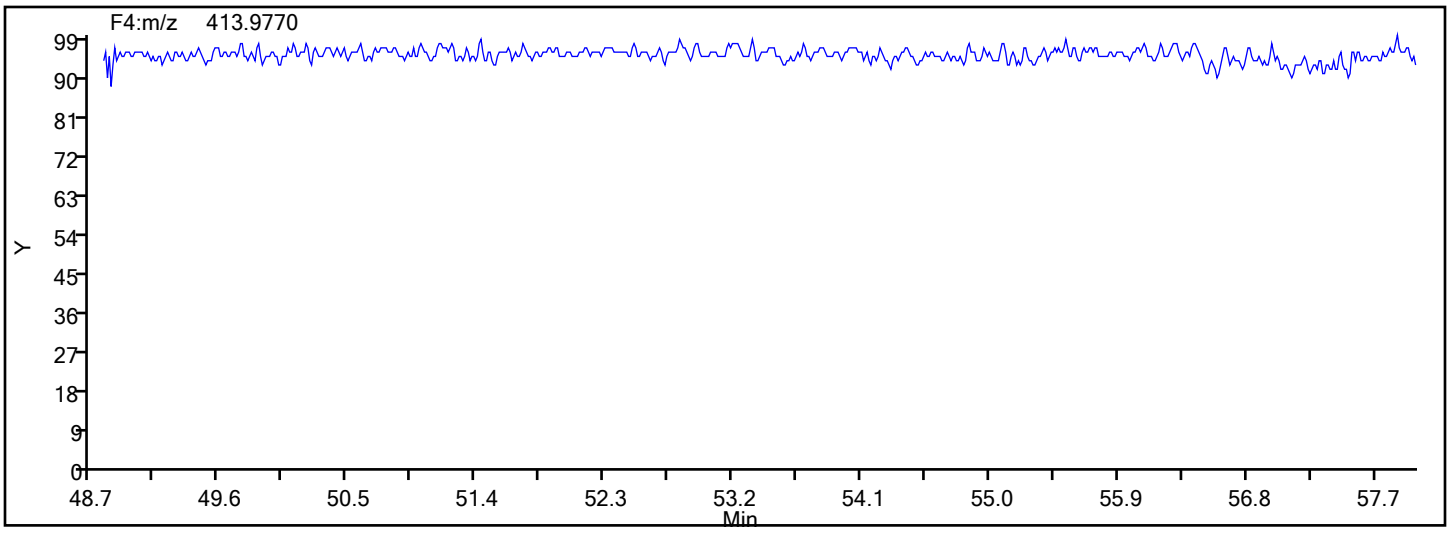
OcPCB F4





OcPCB F4 Lock Mass



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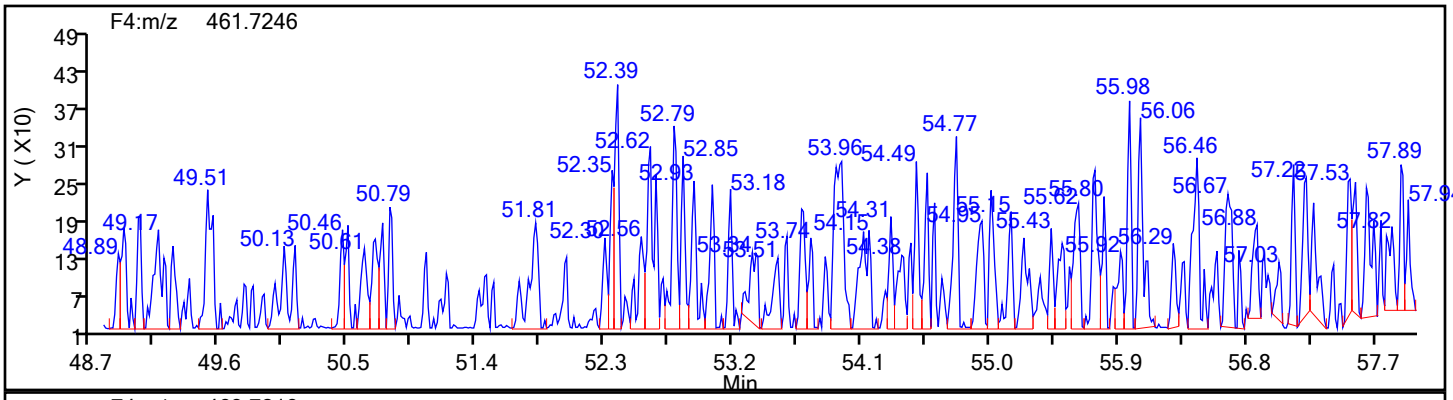
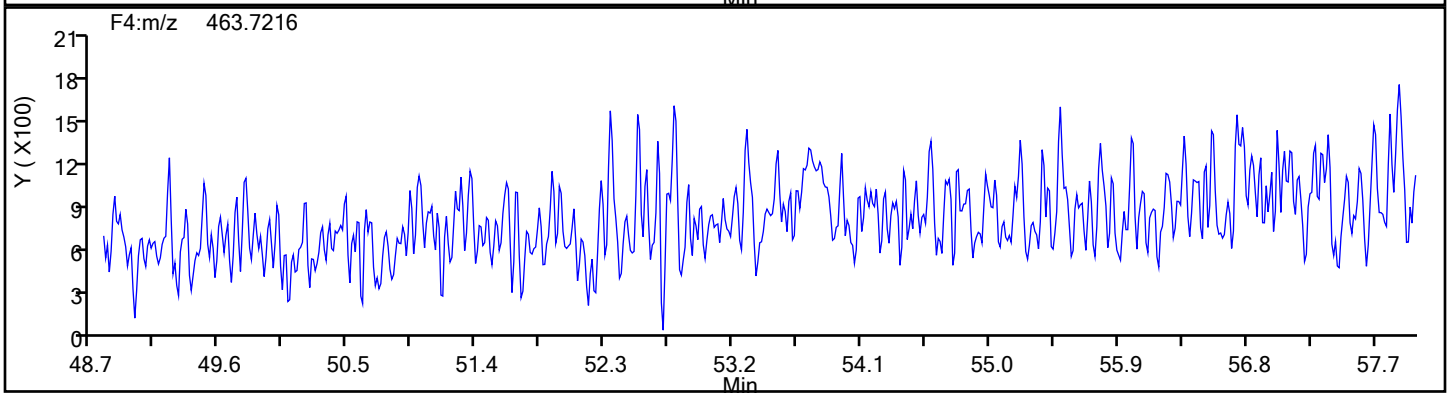
NoPCB F4





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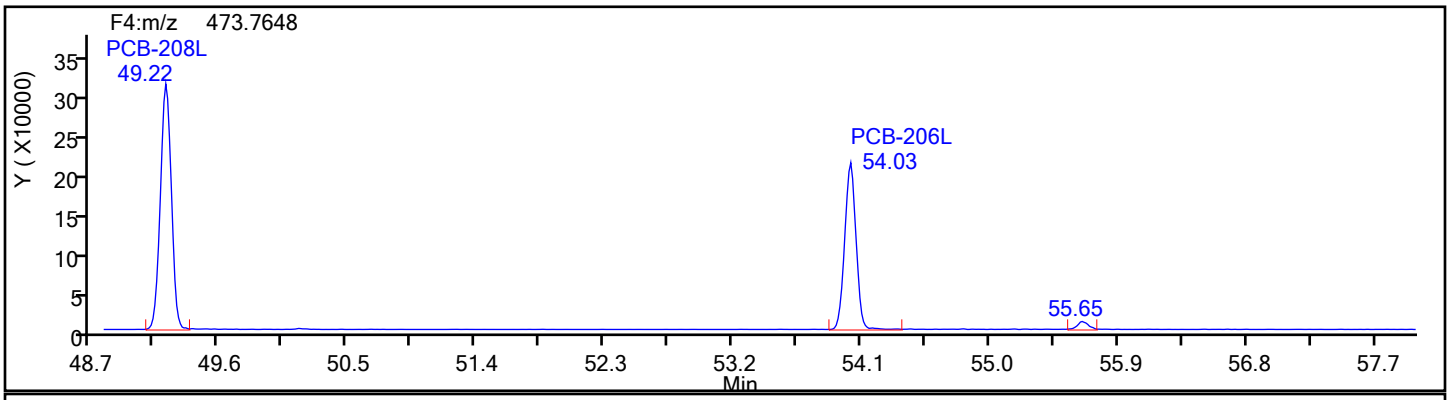

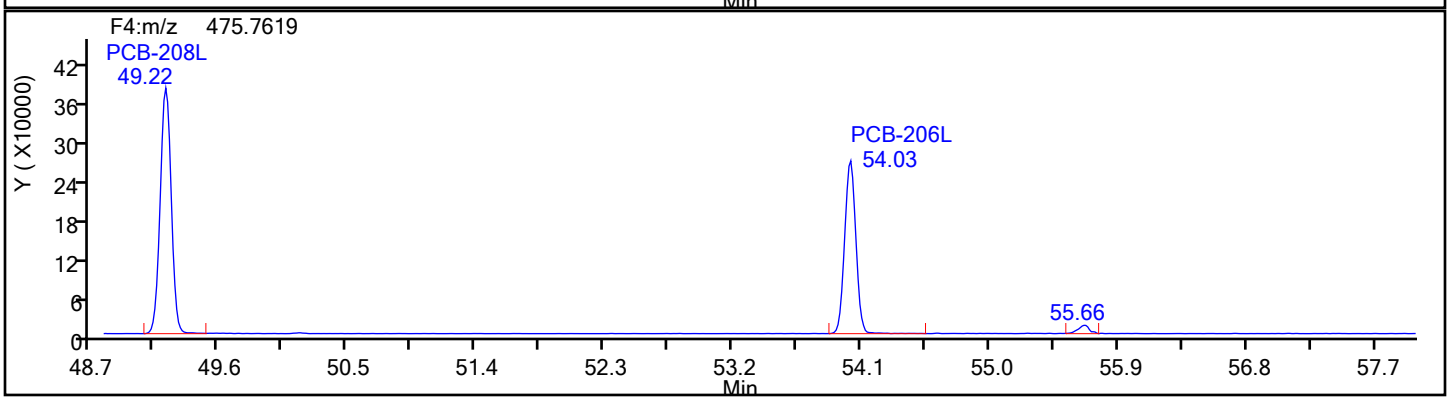

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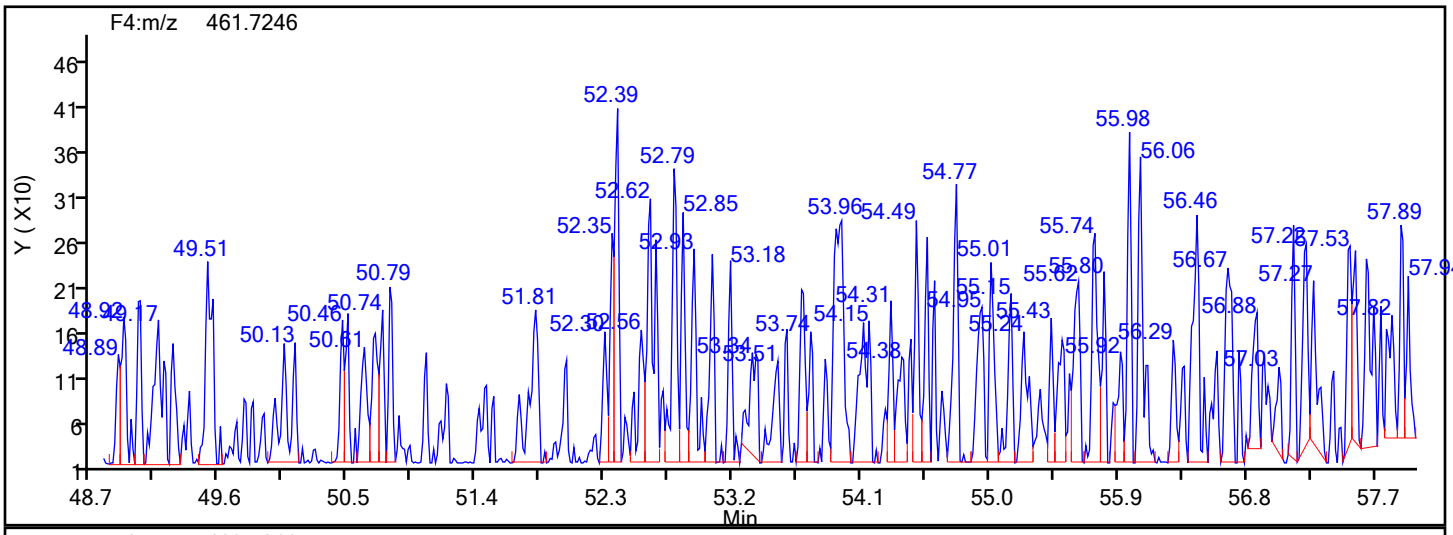
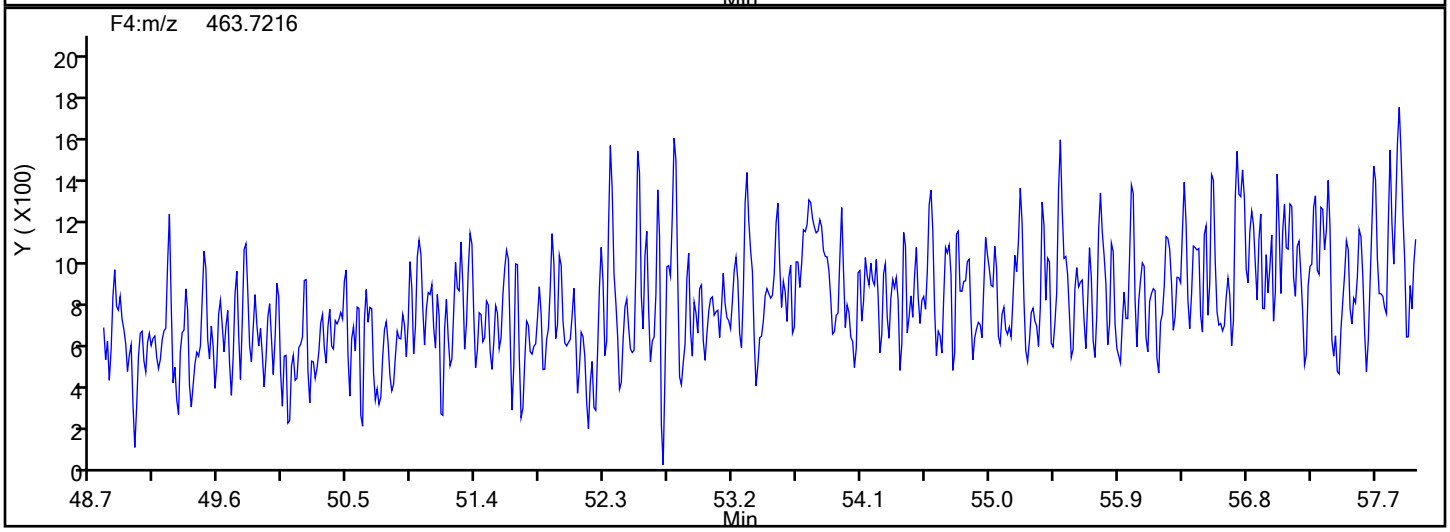
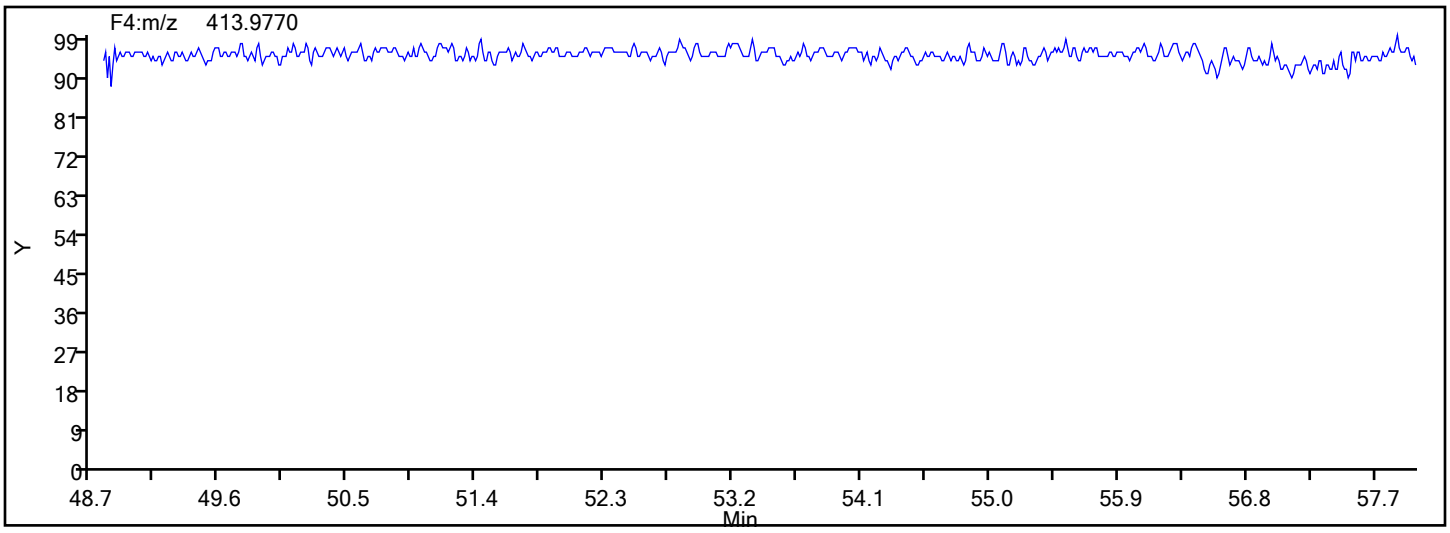




NoPCB F4 Lock Mass



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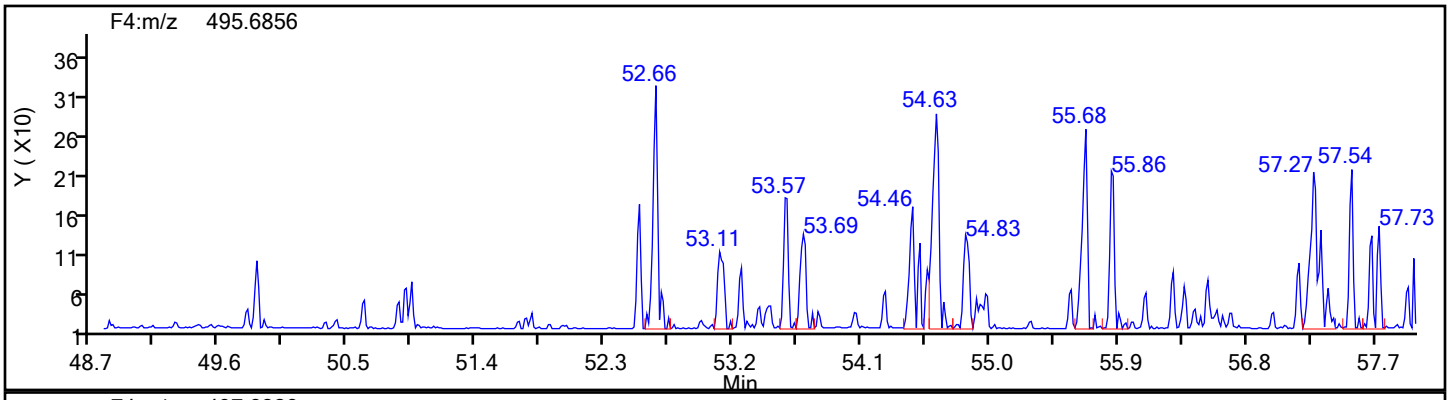
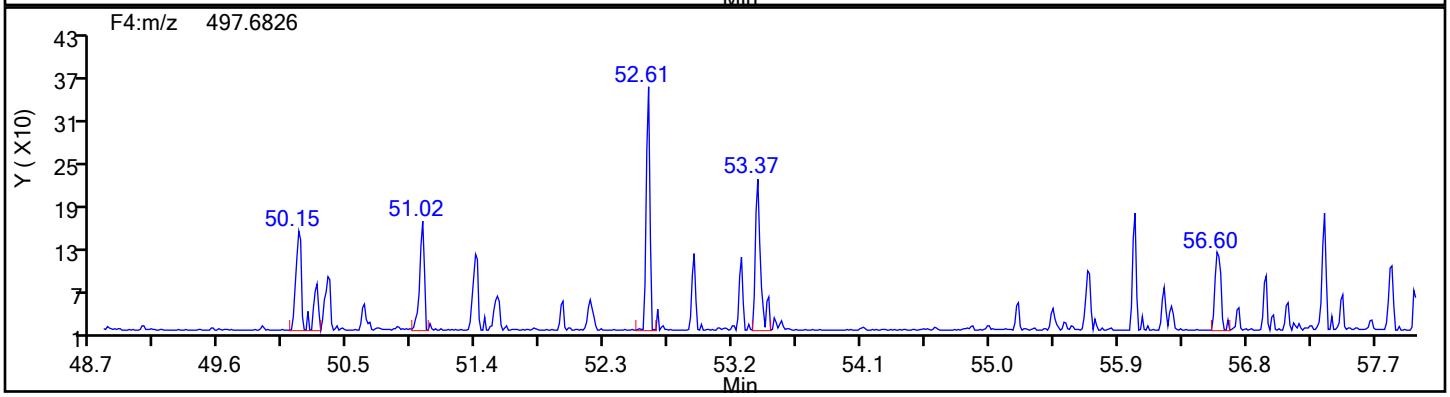
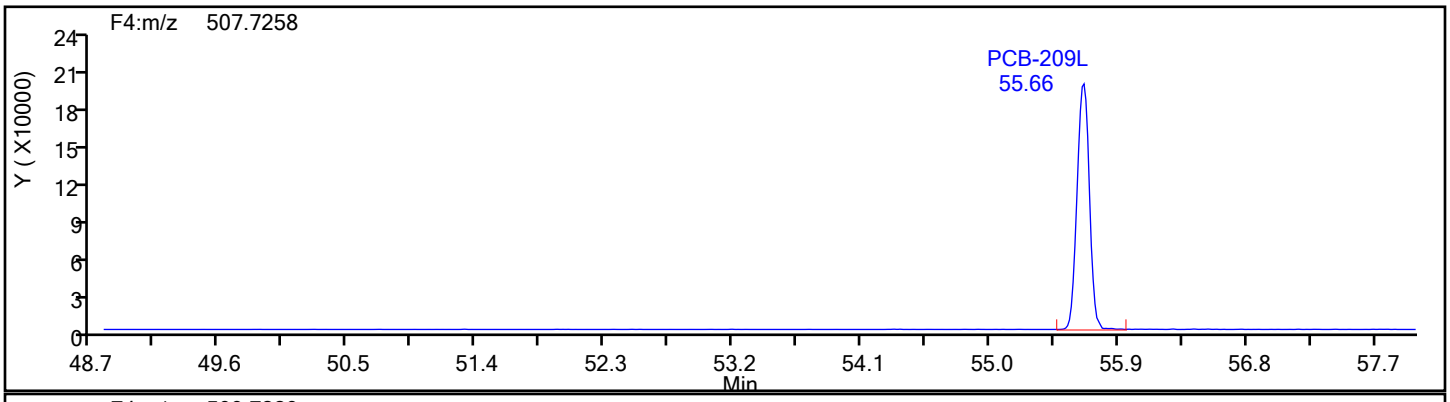
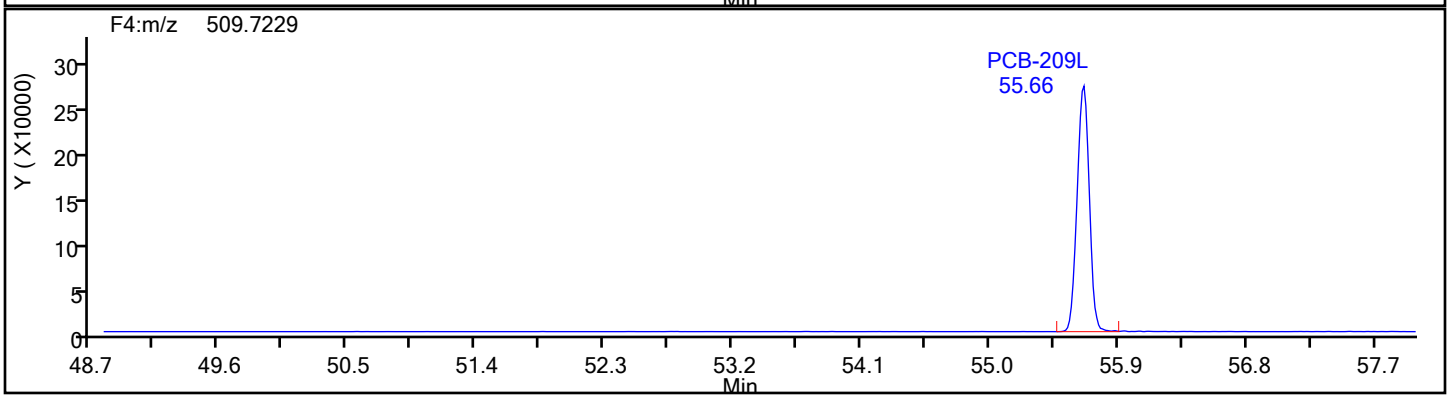
DePCB F4





DePCB F4 Standards





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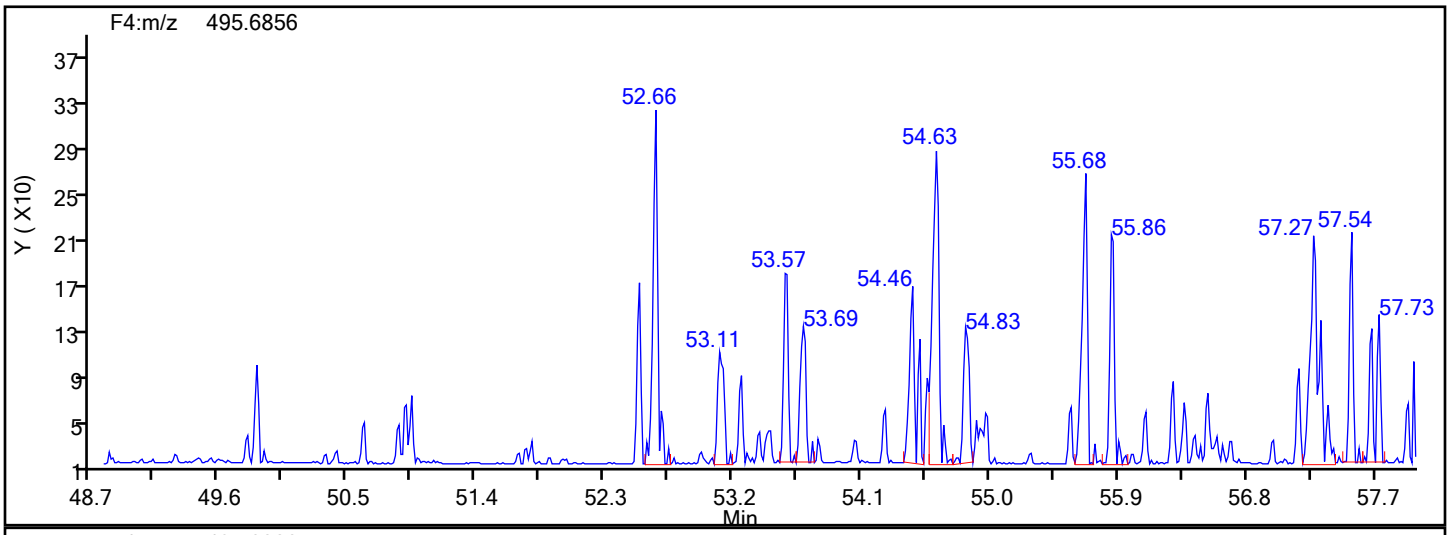
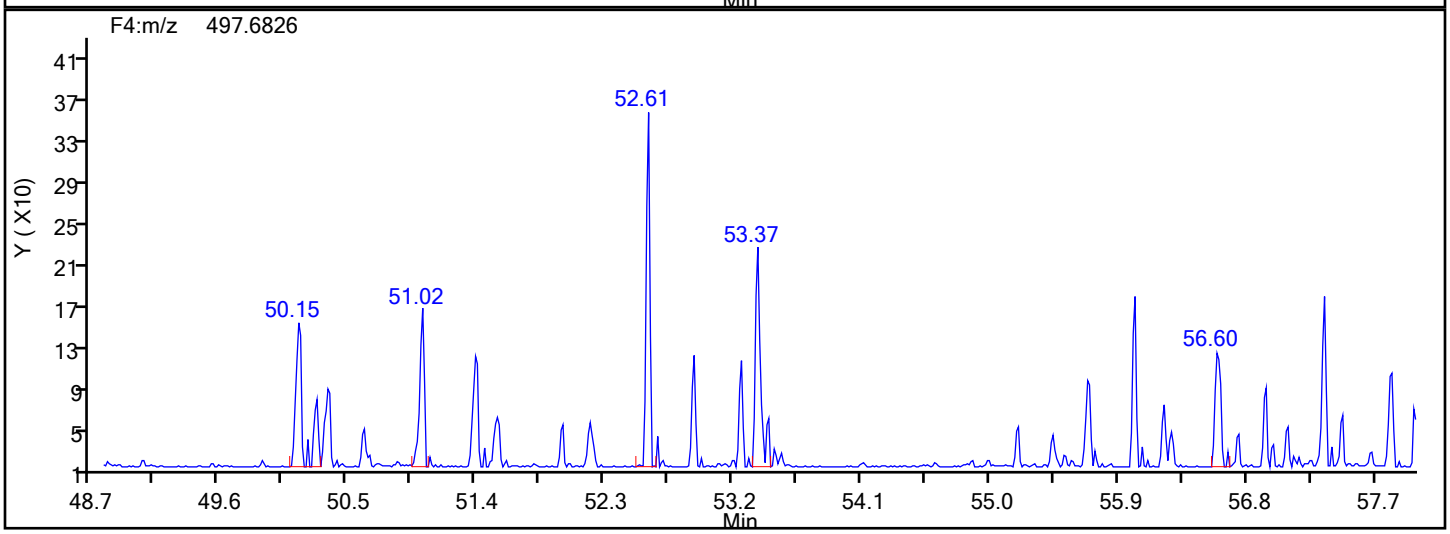
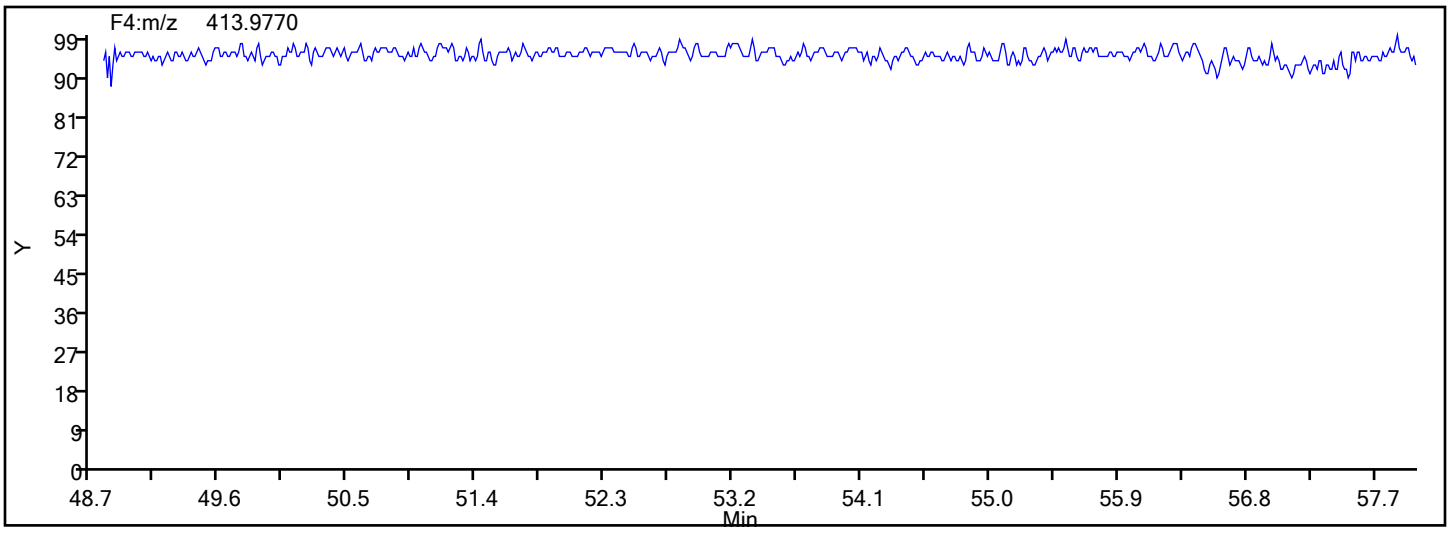




DePCB F4 Lock Mass



Eurofins Knoxville
Recovery Report

Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\mb140-8142719-b.d				
Lims ID:	MB 140-81427/19-B				
Client ID:					
Sample Type:	MB				
Inject. Date:	03-Jan-2024 18:30:00	ALS Bottle#:	0	Worklist Smp#:	7
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:					
Misc. Info.:	140-0031071-007				
Operator ID:	Xcalibur_System	Instrument ID:	D2D		
Method:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m				
Limit Group:	HR - 1668A - ICAL				
Last Update:	03-Jan-2024 20:00:49	Calib Date:	08-Oct-2021 16:58:00		
Integrator:	Picker				
Quant Method:	Isotopic Dilution	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d				
Column 1 :			Det: F1(11.07 :21.70)		
Process Host:	CTX1653				
First Level Reviewer: V4XA		Date:	03-Jan-2024 20:00:49		

Compound	Amount Added	Amount Recovered	% Rec.

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 140-81427/18-B

Matrix: Sediment | Lab File ID: lcs140-8142718-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
2051-60-7	PCB-1	90.0		1.9	0.24
2051-61-8	PCB-2	84.6		1.9	0.27
2051-62-9	PCB-3	89.8		1.9	0.32
13029-08-8	PCB-4	87.0		3.7	0.14
16605-91-7	PCB-5	92.8		1.9	0.14
25569-80-6	PCB-6	93.6		1.9	0.12
33284-50-3	PCB-7	97.2		1.9	0.14
34883-43-7	PCB-8	98.5		3.7	0.11
34883-39-1	PCB-9	95.2		1.9	0.13
33146-45-1	PCB-10	102		1.9	0.15
2050-67-1	PCB-11	93.0		3.7	0.12
2974-92-7	PCB-12	188	C	3.7	0.13
2974-90-5	PCB-13	188	C12	3.7	0.13
34883-41-5	PCB-14	94.8		1.9	0.13
2050-68-2	PCB-15	96.4		1.9	0.15
38444-78-9	PCB-16	101		1.9	0.12
37680-66-3	PCB-17	95.4		1.9	0.12
37680-65-2	PCB-18	187	C	3.7	0.078
38444-73-4	PCB-19	98.1		1.9	0.11
38444-84-7	PCB-20	172	C	3.7	0.90
55702-46-0	PCB-21	175	C	3.7	0.89
38444-85-8	PCB-22	87.9		1.9	0.83
55720-44-0	PCB-23	87.8		1.9	0.97
55702-45-9	PCB-24	95.0		1.9	0.079
55712-37-3	PCB-25	85.3		1.9	0.77
38444-81-4	PCB-26	174	C	3.7	1.0
38444-76-7	PCB-27	95.0		1.9	0.082
7012-37-5	PCB-28	172	C20	3.7	0.90
15862-07-4	PCB-29	174	C26	3.7	1.0
35693-92-6	PCB-30	187	C18	3.7	0.078
16606-02-3	PCB-31	87.8		3.7	0.81
38444-77-8	PCB-32	96.9		1.9	0.071

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 140-81427/18-B

Matrix: Sediment | Lab File ID: lcs140-8142718-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
38444-86-9	PCB-33	175	C21	3.7	0.89
37680-68-5	PCB-34	83.7		1.9	0.99
37680-69-6	PCB-35	88.8		1.9	0.88
38444-87-0	PCB-36	86.9		1.9	0.77
38444-90-5	PCB-37	89.9		1.9	0.87
53555-66-1	PCB-38	88.3		1.9	0.85
38444-88-1	PCB-39	84.6		1.9	0.86
38444-93-8	PCB-40	291	C	5.6	0.11
52663-59-9	PCB-41	291	C40	5.6	0.11
36559-22-5	PCB-42	95.7		1.9	0.13
70362-46-8	PCB-43	200	C	3.7	0.098
41464-39-5	PCB-44	289	C	5.6	0.10
70362-45-7	PCB-45	196	C	3.7	0.12
41464-47-5	PCB-46	103		1.9	0.15
2437-79-8	PCB-47	289	C44	5.6	0.10
70362-47-9	PCB-48	97.1		1.9	0.12
41464-40-8	PCB-49	193	C	3.7	0.098
62796-65-0	PCB-50	193	C	3.7	0.11
68194-04-7	PCB-51	196	C45	3.7	0.12
35693-99-3	PCB-52	95.7		1.9	0.10
41464-41-9	PCB-53	193	C50	3.7	0.11
15968-05-5	PCB-54	92.6		1.9	0.097
74338-24-2	PCB-55	94.0		1.9	0.069
41464-43-1	PCB-56	93.7		1.9	0.072
70424-67-8	PCB-57	92.1		1.9	0.078
41464-49-7	PCB-58	90.7		1.9	0.068
74472-33-6	PCB-59	275	C	5.6	0.087
33025-41-1	PCB-60	94.3		1.9	0.083
33284-53-6	PCB-61	384	C	7.4	0.075
54230-22-7	PCB-62	275	C59	5.6	0.087
74472-34-7	PCB-63	87.7		1.9	0.082
52663-58-8	PCB-64	106		1.9	0.084

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 140-81427/18-B

Matrix: Sediment | Lab File ID: lcs140-8142718-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
33284-54-7	PCB-65	289	C44	5.6	0.10
32598-10-0	PCB-66	97.2		1.9	0.071
73575-53-8	PCB-67	90.2		1.9	0.066
73575-52-7	PCB-68	96.6		1.9	0.077
60233-24-1	PCB-69	193	C49	3.7	0.098
32598-11-1	PCB-70	384	C61	7.4	0.075
41464-46-4	PCB-71	291	C40	5.6	0.11
41464-42-0	PCB-72	92.9		1.9	0.075
74338-23-1	PCB-73	200	C43	3.7	0.098
32690-93-0	PCB-74	384	C61	7.4	0.075
32598-12-2	PCB-75	275	C59	5.6	0.087
70362-48-0	PCB-76	384	C61	7.4	0.075
32598-13-3	PCB-77	94.0		1.9	0.081
70362-49-1	PCB-78	88.1		1.9	0.072
41464-48-6	PCB-79	91.1		1.9	0.060
33284-52-5	PCB-80	89.1		1.9	0.068
70362-50-4	PCB-81	95.2		1.9	0.088
52663-62-4	PCB-82	97.9		1.9	0.21
60145-20-2	PCB-83	186	C	3.7	0.20
52663-60-2	PCB-84	102		1.9	0.26
65510-45-4	PCB-85	277	C	5.6	0.17
55312-69-1	PCB-86	567	C	11	0.17
38380-02-8	PCB-87	567	C86	11	0.17
55215-17-3	PCB-88	186	C	3.7	0.22
73575-57-2	PCB-89	98.0		1.9	0.21
68194-07-0	PCB-90	280	C	5.6	0.18
68194-05-8	PCB-91	186	C88	3.7	0.22
52663-61-3	PCB-92	95.5		1.9	0.22
73575-56-1	PCB-93	182	C	3.7	0.22
73575-55-0	PCB-94	92.0		1.9	0.25
38379-99-6	PCB-95	91.5		1.9	0.22
73575-54-9	PCB-96	90.8		1.9	0.15

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 140-81427/18-B

Matrix: Sediment | Lab File ID: lcs140-8142718-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
41464-51-1	PCB-97	567	C86	11	0.17
60233-25-2	PCB-98	175	C	3.7	0.19
38380-01-7	PCB-99	186	C83	3.7	0.20
39485-83-1	PCB-100	182	C93	3.7	0.22
37680-73-2	PCB-101	280	C90	5.6	0.18
68194-06-9	PCB-102	175	C98	3.7	0.19
60145-21-3	PCB-103	92.8		1.9	0.21
56558-16-8	PCB-104	97.3		1.9	0.17
32598-14-4	PCB-105	90.8		1.9	0.91
70424-69-0	PCB-106	93.1		1.9	0.83
70424-68-9	PCB-107	94.6		1.9	0.81
70362-41-3	PCB-108	185	C	3.7	0.89
74472-35-8	PCB-109	567	C86	11	0.17
38380-03-9	PCB-110	187	C	3.7	0.13
39635-32-0	PCB-111	94.5		1.9	0.14
74472-36-9	PCB-112	91.9		1.9	0.12
68194-10-5	PCB-113	280	C90	5.6	0.18
74472-37-0	PCB-114	90.2		1.9	0.87
74472-38-1	PCB-115	187	C110	3.7	0.13
18259-05-7	PCB-116	277	C85	5.6	0.17
68194-11-6	PCB-117	277	C85	5.6	0.17
31508-00-6	PCB-118	97.4		1.9	0.90
56558-17-9	PCB-119	567	C86	11	0.17
68194-12-7	PCB-120	92.8		1.9	0.12
56558-18-0	PCB-121	93.6		1.9	0.14
76842-07-4	PCB-122	91.9		1.9	1.0
65510-44-3	PCB-123	91.8		1.9	0.94
70424-70-3	PCB-124	185	C108	3.7	0.89
74472-39-2	PCB-125	567	C86	11	0.17
57465-28-8	PCB-126	91.3		1.9	0.82
39635-33-1	PCB-127	92.3		1.9	0.82
38380-07-3	PCB-128	200	C	3.7	0.79

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 140-81427/18-B

Matrix: Sediment | Lab File ID: lcs140-8142718-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
55215-18-4	PCB-129	373	C	7.4	0.86
52663-66-8	PCB-130	93.6		1.9	1.2
61798-70-7	PCB-131	95.4		1.9	1.1
38380-05-1	PCB-132	97.5		1.9	1.1
35694-04-3	PCB-133	94.3		1.9	0.97
52704-70-8	PCB-134	189	C	3.7	1.1
52744-13-5	PCB-135	193	C	3.7	0.21
38411-22-2	PCB-136	89.6		1.9	0.16
35694-06-5	PCB-137	93.5		1.9	1.0
35065-28-2	PCB-138	373	C129	7.4	0.86
56030-56-9	PCB-139	185	C	3.7	0.90
59291-64-4	PCB-140	185	C139	3.7	0.90
52712-04-6	PCB-141	99.3		1.9	1.0
41411-61-4	PCB-142	95.2		1.9	1.1
68194-15-0	PCB-143	189	C134	3.7	1.1
68194-14-9	PCB-144	94.6		1.9	0.21
74472-40-5	PCB-145	93.2		1.9	0.14
51908-16-8	PCB-146	95.4		1.9	0.82
68194-13-8	PCB-147	183	C	3.7	0.87
74472-41-6	PCB-148	94.8		1.9	0.21
38380-04-0	PCB-149	183	C147	3.7	0.87
68194-08-1	PCB-150	94.0		1.9	0.16
52663-63-5	PCB-151	193	C135	3.7	0.21
68194-09-2	PCB-152	91.9		1.9	0.14
35065-27-1	PCB-153	186	C	3.7	0.72
60145-22-4	PCB-154	92.0		1.9	0.19
33979-03-2	PCB-155	93.7		1.9	0.17
38380-08-4	PCB-156	183	C	3.7	0.84
69782-90-7	PCB-157	183	C156	3.7	0.84
74472-42-7	PCB-158	93.5		1.9	0.67
39635-35-3	PCB-159	93.5		1.9	0.58
41411-62-5	PCB-160	373	C129	7.4	0.86

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 140-81427/18-B

Matrix: Sediment | Lab File ID: lcs140-8142718-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
74472-43-8	PCB-161	95.8		1.9	0.66
39635-34-2	PCB-162	97.8		1.9	0.69
74472-44-9	PCB-163	373	C129	7.4	0.86
74472-45-0	PCB-164	94.6		1.9	0.68
74472-46-1	PCB-165	90.9		1.9	0.79
41411-63-6	PCB-166	200	C128	3.7	0.79
52663-72-6	PCB-167	91.8		1.9	0.57
59291-65-5	PCB-168	186	C153	3.7	0.72
32774-16-6	PCB-169	93.2		1.9	0.54
35065-30-6	PCB-170	99.5		1.9	0.037
52663-71-5	PCB-171	200	C	3.7	0.035
52663-74-8	PCB-172	98.5		1.9	0.034
68194-16-1	PCB-173	200	C171	3.7	0.035
38411-25-5	PCB-174	99.1		1.9	0.032
40186-70-7	PCB-175	100		1.9	0.035
52663-65-7	PCB-176	99.4		1.9	0.026
52663-70-4	PCB-177	101		1.9	0.033
52663-67-9	PCB-178	99.6		1.9	0.036
52663-64-6	PCB-179	93.3		1.9	0.023
35065-29-3	PCB-180	198	C	3.7	0.027
74472-47-2	PCB-181	98.7		1.9	0.030
60145-23-5	PCB-182	105		1.9	0.029
52663-69-1	PCB-183	196	C	3.7	0.033
74472-48-3	PCB-184	98.6		1.9	0.024
52712-05-7	PCB-185	196	C183	3.7	0.033
74472-49-4	PCB-186	95.7		1.9	0.021
52663-68-0	PCB-187	99.3		1.9	0.027
74487-85-7	PCB-188	95.9		1.9	0.025
39635-31-9	PCB-189	93.8		1.9	0.28
41411-64-7	PCB-190	94.8		1.9	0.024
74472-50-7	PCB-191	97.5		1.9	0.025
74472-51-8	PCB-192	98.7		1.9	0.022

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 140-81427/18-B

Matrix: Sediment | Lab File ID: lcs140-8142718-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	COMPOUND NAME	RESULT	Q	RL	EDL
69782-91-8	PCB-193	198	C180	3.7	0.027
35694-08-7	PCB-194	98.1		1.9	0.51
52663-78-2	PCB-195	102		1.9	0.57
42740-50-1	PCB-196	93.9		1.9	0.13
33091-17-7	PCB-197	91.8		1.9	0.098
68194-17-2	PCB-198	190	C	3.7	0.12
52663-75-9	PCB-199	190	C198	3.7	0.12
52663-73-7	PCB-200	106		1.9	0.11
40186-71-8	PCB-201	95.2		1.9	0.11
2136-99-4	PCB-202	95.7		1.9	0.10
52663-76-0	PCB-203	95.9		1.9	0.11
74472-52-9	PCB-204	91.9		1.9	0.092
74472-53-0	PCB-205	93.8		1.9	0.42
40186-72-9	PCB-206	94.6		1.9	0.74
52663-79-3	PCB-207	94.9		1.9	0.58
52663-77-1	PCB-208	93.1		1.9	0.56
2051-24-3	PCB-209	90.5		1.9	0.19

FORM I
HI-RES PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Knoxville | Job No.: 140-34509-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 140-81427/18-B

Matrix: Sediment | Lab File ID: lcs140-8142718-b.d

Analysis Method: 1668A | Date Collected:

Extract. Method: Passive Sampler | Date Extracted: 12/15/2023 10:45

Sample wt/vol: 0.054(g) | Date Analyzed: 01/03/2024 15:43

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: SPB-Octyl ID: 0.25(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor: | Level: (low/med) Low

Analysis Batch No.: 81990 | Units: ng/g

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
234432-85-0	PCB-1L	91		30-140
208263-77-8	PCB-3L	86		30-140
234432-86-1	PCB-4L	93		30-140
208263-67-6	PCB-15L	83		30-140
234432-87-2	PCB-19L	89		30-140
208263-79-0	PCB-37L	88		30-140
234432-88-3	PCB-54L	92		30-140
105600-23-5	PCB-77L	90		30-140
208461-24-9	PCB-81L	86		30-140
234432-89-4	PCB-104L	96		30-140
208263-62-1	PCB-105L	97		30-140
208263-63-2	PCB-114L	96		30-140
104130-40-7	PCB-118L	98		30-140
208263-64-3	PCB-123L	97		30-140
208263-65-4	PCB-126L	99		30-140
234432-90-7	PCB-155L	96		30-140
208263-68-7	PCB-156L	95	C	30-140
235416-30-5	PCB-157L	95	C156	30-140
208263-69-8	PCB-167L	96		30-140
208263-70-1	PCB-169L	92		30-140
160901-80-4	PCB-170L	93		30-140
234432-91-8	PCB-188L	94		30-140
208263-73-4	PCB-189L	95		30-140
105600-26-8	PCB-202L	93		30-140
234446-64-1	PCB-205L	94		30-140
208263-75-6	PCB-206L	96		30-140
234432-92-9	PCB-208L	106		30-140
105600-27-9	PCB-209L	99		30-140

Eurofins Knoxville
Target Compound Quantitation Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Lims ID: LCS 140-81427/18-B
Client ID:
Sample Type: LCS
Inject. Date: 03-Jan-2024 15:43:00 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 00:32:38 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 00:32:38

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
S Total Monochlorobiphenyls					142.7	142.7	0.1495	0.1495		
D PCB-1L	11:39	5266449	3.24	1.3572	91.4	91.4	0.2775	0.2775	91.37	
D PCB-3L	13:50	5166410	3.24	1.4136	86.1	86.1	0.2664	0.2664	86.06	
PCB-1	11:40	3134973	3.01	1.2253	48.6	48.6	0.1314	0.1314	97.17	
PCB-2	13:39	3010411	3.14	1.2638	45.7	45.7	0.1449	0.1449	91.33	
PCB-3	13:50	3092040	3.05	1.2343	48.5	48.5	0.1720	0.1720	96.97	
S Total Dichlorobiphenyls					614.8	614.8	0.0714	0.0714		
D PCB-4L	14:04	2447138	1.59	0.6168	93.4	93.4	0.0963	0.0963	93.42	
* PCB-9L	16:03	4246818	1.61	2E+05	100.0	100.0			100	
D PCB-15L	19:58	3934110	1.60	1.1198	82.7	82.7	0.0531	0.0531	82.73	
PCB-4	14:05	1471278	1.57	1.2801	47.0	47.0	0.0751	0.0751	93.94	
PCB-10	14:16	2036856	1.59	1.1542	55.3	55.3	0.0806	0.0806	111	
PCB-9	16:04	2237346	1.59	1.3642	51.4	51.4	0.0682	0.0682	103	
PCB-7	16:13	2091972	1.58	1.2485	52.5	52.5	0.0745	0.0745	105	
PCB-6	16:28	2413373	1.58	1.4961	50.6	50.6	0.0621	0.0621	101	
PCB-5	16:46	1952137	1.60	1.2206	50.1	50.1	0.0762	0.0762	100	
PCB-8	16:54	2581050	1.62	1.5207	53.2	53.2	0.0611	0.0611	106	
PCB-14	18:31	2100111	1.58	1.2864	51.2	51.2	0.0723	0.0723	102	
PCB-11	19:22	2309896	1.60	1.4418	50.2	50.2	0.0645	0.0645	100	
PCB-12	19:41	4190685	1.62	1.2960	101.3	101.3	0.0717	0.0717	101	
PCB-13 (C12)	19:41	4190685	1.62	1.2960	101.3	101.3	0.0717	0.0717	101	
PCB-15	19:59	2329065	1.60	1.1378	52.0	52.0	0.0791	0.0791	104	
S Total Trichlorobiphenyls					1166.9	1166.9	0.3253	0.3253		
D PCB-19L	17:11	1587519	1.04	0.6075	89.1	89.1	1.658	1.658	89.08	
* PCB-32L	20:26	2933501	1.08	1.4E+05	100.0	100.0			100	
* PCB-31L	22:42	6921740	1.05	3.1E+05	100.0	100.0			100	
D PCB-37L	27:01	5463577	1.06	0.8960	88.1	88.1	0.1881	0.1881	88.10	
PCB-19	17:11	1085668	1.08	1.2904	53.0	53.0	0.0589	0.0589	106	
PCB-18	19:02	2899730	1.07	1.8076	101.0	101.0	0.0420	0.0420	101	
PCB-30 (C18)	19:02	2899730	1.07	1.8076	101.0	101.0	0.0420	0.0420	101	
PCB-17	19:28	994083	1.08	1.2151	51.5	51.5	0.0625	0.0625	103	
PCB-27	19:42	1395712	1.08	1.7146	51.3	51.3	0.0443	0.0443	103	
PCB-24	19:50	1444349	1.01	1.7741	51.3	51.3	0.0428	0.0428	103	
PCB-16	19:57	1042994	1.17	1.2003	54.7	54.7	0.0633	0.0633	109	
PCB-32	20:28	1636731	1.06	1.9703	52.3	52.3	0.0386	0.0386	105	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-34	21:43	2492653	1.00	1.0089	45.2	45.2	0.5351	0.5351	90.44	
PCB-23	21:53	2675605	1.00	1.0329	47.4	47.4	0.5227	0.5227	94.83	
PCB-26	22:12	5147993	0.99	1.0037	93.9	93.9	0.5379	0.5379	93.87	
PCB-29 (C26)	22:12	5147993	0.99	1.0037	93.9	93.9	0.5379	0.5379	93.87	
PCB-25	22:25	3268696	0.99	1.2995	46.0	46.0	0.4155	0.4155	92.08	
PCB-31	22:44	3203594	1.00	1.2369	47.4	47.4	0.4365	0.4365	94.81	
PCB-20	23:02	5626349	1.01	1.1096	92.8	92.8	0.4866	0.4866	92.81	
PCB-28 (C20)	23:02	5626349	1.01	1.1096	92.8	92.8	0.4866	0.4866	92.81	
PCB-21	23:12	5816293	0.99	1.1245	94.7	94.7	0.4801	0.4801	94.67	M
PCB-33 (C21)	23:12	5816293	0.99	1.1245	94.7	94.7	0.4801	0.4801	94.67	M
PCB-22	23:40	3120113	1.01	1.2027	47.5	47.5	0.4489	0.4489	94.97	
PCB-36	25:13	3320041	1.01	1.2953	46.9	46.9	0.4168	0.4168	93.83	
PCB-39	25:35	2898968	1.01	1.1621	45.7	45.7	0.4646	0.4646	91.32	
PCB-38	26:09	3064407	1.01	1.1759	47.7	47.7	0.4591	0.4591	95.39	
PCB-35	26:38	2962630	1.02	1.1311	47.9	47.9	0.4773	0.4773	95.88	
PCB-37	27:02	3036012	1.03	1.1448	48.5	48.5	0.4716	0.4716	97.08	
S Total Tetrachlorobiphenyls					2159.4	2159.4	0.0484	0.0484		
D PCB-54L	20:16	1823478	0.84	0.6773	91.8	91.8	0.0463	0.0463	91.78	
* PCB-52L	24:50	3836940	0.80	1.6E+05	100.0	100.0			100	
D PCB-81L	33:46	4462943	0.80	1.3497	86.2	86.2	0.1772	0.1772	86.18	
D PCB-77L	34:19	4916669	0.80	1.4256	89.9	89.9	0.1677	0.1677	89.89	
PCB-54	20:17	1100493	0.76	1.2064	50.0	50.0	0.0522	0.0522	100	
PCB-50	22:28	3760065	0.79	0.7674	104.5	104.5	0.0613	0.0613	104	
PCB-53 (C50)	22:28	3760065	0.79	0.7674	104.5	104.5	0.0613	0.0613	104	
PCB-45	23:11	3500617	0.80	0.7052	105.8	105.8	0.0667	0.0667	106	
PCB-51 (C45)	23:11	3500617	0.80	0.7052	105.8	105.8	0.0667	0.0667	106	
PCB-46	23:26	1541924	0.78	0.5909	55.6	55.6	0.0796	0.0796	111	
PCB-52	24:52	2056159	0.79	0.8488	51.7	51.7	0.0554	0.0554	103	
PCB-43	25:00	4528532	0.79	0.8936	108.1	108.1	0.0527	0.0527	108	M
PCB-73 (C43)	25:00	4528532	0.79	0.8936	108.1	108.1	0.0527	0.0527	108	M
PCB-49	25:19	4358524	0.80	0.8934	104.0	104.0	0.0527	0.0527	104	
PCB-69 (C49)	25:19	4358524	0.80	0.8934	104.0	104.0	0.0527	0.0527	104	
PCB-48	25:38	1845181	0.78	0.7506	52.4	52.4	0.0627	0.0627	105	
PCB-44	25:53	6142894	0.79	0.8388	156.2	156.2	0.0561	0.0561	104	
PCB-47 (C44)	25:53	6142894	0.79	0.8388	156.2	156.2	0.0561	0.0561	104	
PCB-65 (C44)	25:53	6142894	0.79	0.8388	156.2	156.2	0.0561	0.0561	104	
PCB-59	26:11	7001548	0.79	1.0042	148.7	148.7	0.0469	0.0469	99.11	
PCB-62 (C59)	26:11	7001548	0.79	1.0042	148.7	148.7	0.0469	0.0469	99.11	
PCB-75 (C59)	26:11	7001548	0.79	1.0042	148.7	148.7	0.0469	0.0469	99.11	
PCB-42	26:23	1665947	0.80	0.6874	51.7	51.7	0.0685	0.0685	103	
PCB-40	26:52	5620915	0.78	0.7618	157.3	157.3	0.0618	0.0618	105	
PCB-41 (C40)	26:52	5620915	0.78	0.7618	157.3	157.3	0.0618	0.0618	105	
PCB-71 (C40)	26:52	5620915	0.78	0.7618	157.3	157.3	0.0618	0.0618	105	
PCB-64	27:06	2761799	0.77	1.0318	57.1	57.1	0.0456	0.0456	114	
PCB-72	27:56	2734561	0.79	1.1621	50.2	50.2	0.0405	0.0405	100	
PCB-68	28:13	2750798	0.78	1.1249	52.1	52.1	0.0418	0.0418	104	
PCB-57	28:38	2589402	0.80	1.1107	49.7	49.7	0.0424	0.0424	99.42	
PCB-58	28:53	2952371	0.78	1.2848	49.0	49.0	0.0366	0.0366	97.99	
PCB-67	29:03	3032430	0.79	1.3274	48.7	48.7	0.0355	0.0355	97.42	
PCB-63	29:18	2365710	0.80	1.0648	47.4	47.4	0.0442	0.0442	94.75	
PCB-61	29:39	11240575	0.79	1.1549	207.5	207.5	0.0408	0.0408	104	
PCB-70 (C61)	29:39	11240575	0.79	1.1549	207.5	207.5	0.0408	0.0408	104	
PCB-74 (C61)	29:39	11240575	0.79	1.1549	207.5	207.5	0.0408	0.0408	104	
PCB-76 (C61)	29:39	11240575	0.79	1.1549	207.5	207.5	0.0408	0.0408	104	
PCB-66	29:58	3033824	0.79	1.2325	52.5	52.5	0.0382	0.0382	105	
PCB-55	30:08	3011109	0.78	1.2655	50.7	50.7	0.0372	0.0372	101	
PCB-56	30:39	2884588	0.80	1.2161	50.6	50.6	0.0387	0.0387	101	
PCB-60	30:51	2519127	0.78	1.0554	50.9	50.9	0.0446	0.0446	102	
PCB-80	31:16	2881943	0.78	1.2769	48.1	48.1	0.0369	0.0369	96.25	
PCB-79	32:47	3333049	0.80	1.4452	49.2	49.2	0.0326	0.0326	98.35	
PCB-78	33:21	2703035	0.80	1.2116	47.6	47.6	0.0388	0.0388	95.14	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-81	33:47	2327413	0.78	1.0148	51.4	51.4	0.0475	0.0475	103	
PCB-77	34:21	2621309	0.78	1.0498	50.8	50.8	0.0438	0.0438	102	
S Total Pentachlorobiphenyls					2316.3	2316.3	0.2218	0.2218		
D PCB-104L	25:46	3124581	1.62	1.1880	95.6	95.6	0.0423	0.0423	95.59	
* PCB-101L	31:41	2751305	1.58	1.2E+05	100.0	100.0			100	
D PCB-123L	36:20	4430974	1.56	0.9399	97.4	97.4	0.7551	0.7551	97.45	
D PCB-118L	36:39	4638810	1.58	0.9794	97.9	97.9	0.7247	0.7247	97.91	
D PCB-114L	37:11	4525156	1.61	0.9767	95.8	95.8	0.7267	0.7267	95.77	
D PCB-105L	37:50	4483153	1.60	0.9600	96.5	96.5	0.7393	0.7393	96.53	
* PCB-127L	39:18	4837516	1.62	2.1E+05	100.0	100.0			100	
D PCB-126L	40:54	4584623	1.63	0.9554	99.2	99.2	0.7429	0.7429	99.19	
PCB-104	25:48	1650093	1.60	1.0054	52.5	52.5	0.0940	0.0940	105	
PCB-96	26:10	1763637	1.62	1.1511	49.0	49.0	0.0821	0.0821	98.07	
PCB-103	28:07	1303832	1.60	0.8327	50.1	50.1	0.1135	0.1135	100	
PCB-94	28:20	1078501	1.54	0.6950	49.7	49.7	0.1360	0.1360	99.33	
PCB-95	28:47	1223433	1.59	0.7922	49.4	49.4	0.1193	0.1193	98.85	
PCB-93	29:00	2405251	1.56	0.7830	98.3	98.3	0.1207	0.1207	98.31	
PCB-100 (C93)	29:00	2405251	1.56	0.7830	98.3	98.3	0.1207	0.1207	98.31	
PCB-98	29:08	2718551	1.58	0.9182	94.8	94.8	0.1029	0.1029	94.75	M
PCB-102 (C98)	29:08	2718551	1.58	0.9182	94.8	94.8	0.1029	0.1029	94.75	M
PCB-88	29:38	2516898	1.62	0.8023	100.4	100.4	0.1178	0.1178	100	
PCB-91 (C88)	29:38	2516898	1.62	0.8023	100.4	100.4	0.1178	0.1178	100	
PCB-84	29:52	1174237	1.61	0.6855	54.8	54.8	0.1379	0.1379	110	
PCB-89	30:20	1401901	1.61	0.8482	52.9	52.9	0.1114	0.1114	106	
PCB-121	30:45	2026790	1.61	1.2839	50.5	50.5	0.0736	0.0736	101	
PCB-92	31:08	1257094	1.53	0.7805	51.5	51.5	0.1211	0.1211	103	M
PCB-90	31:41	4515157	1.60	0.9542	151.4	151.4	0.0990	0.0990	101	
PCB-101 (C90)	31:41	4515157	1.60	0.9542	151.4	151.4	0.0990	0.0990	101	
PCB-113 (C90)	31:41	4515157	1.60	0.9542	151.4	151.4	0.0990	0.0990	101	
PCB-83	32:17	2775113	1.57	0.8851	100.3	100.3	0.1068	0.1068	100	
PCB-99 (C83)	32:17	2775113	1.57	0.8851	100.3	100.3	0.1068	0.1068	100	
PCB-112	32:24	2194515	1.56	1.4150	49.6	49.6	0.0668	0.0668	99.27	
PCB-86	32:47	9833980	1.59	1.0283	306.1	306.1	0.0919	0.0919	102	M
PCB-87 (C86)	32:47	9833980	1.59	1.0283	306.1	306.1	0.0919	0.0919	102	M
PCB-97 (C86)	32:47	9833980	1.59	1.0283	306.1	306.1	0.0919	0.0919	102	M
PCB-109 (C86)	32:47	9833980	1.59	1.0283	306.1	306.1	0.0919	0.0919	102	M
PCB-119 (C86)	32:47	9833980	1.59	1.0283	306.1	306.1	0.0919	0.0919	102	M
PCB-125 (C86)	32:47	9833980	1.59	1.0283	306.1	306.1	0.0919	0.0919	102	M
PCB-85	33:30	4776558	1.58	1.0238	149.3	149.3	0.0923	0.0923	99.55	
PCB-116 (C85)	33:30	4776558	1.58	1.0238	149.3	149.3	0.0923	0.0923	99.55	
PCB-117 (C85)	33:30	4776558	1.58	1.0238	149.3	149.3	0.0923	0.0923	99.55	
PCB-110	33:43	4287435	1.56	1.3556	101.2	101.2	0.0697	0.0697	101	
PCB-115 (C110)	33:43	4287435	1.56	1.3556	101.2	101.2	0.0697	0.0697	101	
PCB-82	34:00	1407727	1.53	0.8520	52.9	52.9	0.1109	0.1109	106	
PCB-111	34:24	1947417	1.62	1.2217	51.0	51.0	0.0774	0.0774	102	
PCB-120	34:52	2374247	1.58	1.5157	50.1	50.1	0.0623	0.0623	100	
PCB-108	36:00	4952496	1.60	1.0910	100.2	100.2	0.4794	0.4794	100	
PCB-124 (C108)	36:00	4952496	1.60	1.0910	100.2	100.2	0.4794	0.4794	100	
PCB-107	36:15	2780603	1.61	1.2004	51.1	51.1	0.4357	0.4357	102	
PCB-123	36:21	2293536	1.42	1.0447	49.5	49.5	0.5082	0.5082	99.10	
PCB-106	36:28	2667508	1.70	1.1708	50.3	50.3	0.4467	0.4467	101	
PCB-118	36:41	2503545	1.54	1.0261	52.6	52.6	0.4882	0.4882	105	
PCB-122	37:01	2084730	1.55	0.9264	49.7	49.7	0.5646	0.5646	99.30	
PCB-114	37:12	2407729	1.57	1.0927	48.7	48.7	0.4712	0.4712	97.38	
PCB-105	37:52	2363829	1.56	1.0755	49.0	49.0	0.4903	0.4903	98.05	
PCB-127	39:20	2674344	1.55	1.1835	49.9	49.9	0.4419	0.4419	99.71	
PCB-126	40:56	2776652	1.53	1.2284	49.3	49.3	0.4420	0.4420	98.61	
S Total Hexachlorobiphenyls					2133.3	2133.3	0.3565	0.3565		
D PCB-155L	31:27	3000986	1.29	1.1357	96.0	96.0	0.0343	0.0343	96.04	
* PCB-138L	39:46	3561424	1.26	1.5E+05	100.0	100.0			100	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
D PCB-167L	42:46	4309177	1.26	1.2662	95.6	95.6	0.4194	0.4194	95.56	
D PCB-156L	43:56	8444999	1.28	1.2515	189.5	189.5	0.4244	0.4244	94.73	
D PCB-157L (C156L)	43:56	8444999	1.28	1.2515	189.5	189.5	0.4244	0.4244	94.73	
D PCB-169L	47:10	4294606	1.26	1.3070	92.3	92.3	0.4063	0.4063	92.26	
PCB-155	31:28	1410378	1.28	0.9289	50.6	50.6	0.0905	0.0905	101	
PCB-152	31:41	1673376	1.25	1.1242	49.6	49.6	0.0748	0.0748	99.20	
PCB-150	31:51	1518310	1.26	0.9966	50.8	50.8	0.0844	0.0844	102	
PCB-136	32:12	1398549	1.30	0.9632	48.4	48.4	0.0873	0.0873	96.77	
PCB-145	32:30	1627484	1.24	1.0775	50.3	50.3	0.0780	0.0780	101	
PCB-148	34:01	1133401	1.22	0.7376	51.2	51.2	0.1140	0.1140	102	
PCB-135	34:40	2318827	1.23	0.7414	104.2	104.2	0.1134	0.1134	104	
PCB-151 (C135)	34:40	2318827	1.23	0.7414	104.2	104.2	0.1134	0.1134	104	
PCB-154	34:52	1226495	1.30	0.8223	49.7	49.7	0.1023	0.1023	99.41	
PCB-144	35:11	1130530	1.26	0.7371	51.1	51.1	0.1141	0.1141	102	
PCB-147	35:32	3641585	1.24	0.8634	99.0	99.0	0.4722	0.4722	98.96	
PCB-149 (C147)	35:32	3641585	1.24	0.8634	99.0	99.0	0.4722	0.4722	98.96	
PCB-134	35:50	2966070	1.27	0.6812	102.2	102.2	0.5985	0.5985	102	
PCB-143 (C134)	35:50	2966070	1.27	0.6812	102.2	102.2	0.5985	0.5985	102	
PCB-139	36:08	3567847	1.25	0.8381	99.9	99.9	0.4864	0.4864	99.87	
PCB-140 (C139)	36:08	3567847	1.25	0.8381	99.9	99.9	0.4864	0.4864	99.87	
PCB-131	36:20	1504804	1.31	0.6856	51.5	51.5	0.5947	0.5947	103	
PCB-142	36:30	1481643	1.23	0.6760	51.4	51.4	0.6031	0.6031	103	
PCB-132	36:48	1585440	1.22	0.7063	52.7	52.7	0.5772	0.5772	105	
PCB-133	37:18	1685908	1.22	0.7770	50.9	50.9	0.5247	0.5247	102	
PCB-165	37:42	2005674	1.24	0.9584	49.1	49.1	0.4254	0.4254	98.20	
PCB-146	37:56	2012028	1.25	0.9163	51.5	51.5	0.4449	0.4449	103	
PCB-161	38:04	2515066	1.26	1.1406	51.7	51.7	0.3575	0.3575	103	
PCB-153	38:34	4471989	1.25	1.0468	100.2	100.2	0.3895	0.3895	100	
PCB-168 (C153)	38:34	4471989	1.25	1.0468	100.2	100.2	0.3895	0.3895	100	
PCB-141	38:45	1732688	1.36	0.7580	53.6	53.6	0.5379	0.5379	107	
PCB-130	39:10	1368854	1.26	0.6356	50.5	50.5	0.6414	0.6414	101	
PCB-137	39:22	1621837	1.37	0.7533	50.5	50.5	0.5412	0.5412	101	
PCB-164	39:30	2433654	1.22	1.1173	51.1	51.1	0.3649	0.3649	102	
PCB-129	39:48	7573982	1.25	0.8826	201.3	201.3	0.4619	0.4619	101	M
PCB-138 (C129)	39:48	7573982	1.25	0.8826	201.3	201.3	0.4619	0.4619	101	M
PCB-160 (C129)	39:48	7573982	1.25	0.8826	201.3	201.3	0.4619	0.4619	101	M
PCB-163 (C129)	39:48	7573982	1.25	0.8826	201.3	201.3	0.4619	0.4619	101	M
PCB-158	40:11	2438179	1.28	1.1331	50.5	50.5	0.3598	0.3598	101	
PCB-128	41:02	4376686	1.25	0.9522	107.8	107.8	0.4282	0.4282	108	
PCB-166 (C128)	41:02	4376686	1.25	0.9522	107.8	107.8	0.4282	0.4282	108	
PCB-159	42:02	2812718	1.24	1.3072	50.5	50.5	0.3119	0.3119	101	
PCB-162	42:20	2460664	1.23	1.0935	52.8	52.8	0.3729	0.3729	106	
PCB-167	42:48	2370349	1.24	1.1098	49.6	49.6	0.3074	0.3074	99.13	
PCB-156	43:57	4466910	1.25	1.0713	98.7	98.7	0.4555	0.4555	98.75	
PCB-157 (C156)	43:57	4466910	1.25	1.0713	98.7	98.7	0.4555	0.4555	98.75	
PCB-169	47:11	2646960	1.24	1.2249	50.3	50.3	0.2935	0.2935	101	
S Total Heptachlorobiphenyls					1276.0	1276.0	0.0220	0.0220		
D PCB-188L	37:11	3380712	1.06	1.2605	93.7	93.7	0.0503	0.0503	93.70	
* PCB-180L	45:19	2862406	1.10	1.2E+05	100.0	100.0			100	
D PCB-170L	46:34	2271489	1.08	0.8524	93.1	93.1	0.0744	0.0744	93.10	
D PCB-189L	49:42	4892344	1.07	1.4740	95.0	95.0	0.9490	0.9490	94.98	
PCB-188	37:12	1844107	1.06	1.0534	51.8	51.8	0.0133	0.0133	104	
PCB-179	37:33	1995651	1.06	1.4009	50.4	50.4	0.0122	0.0122	101	
PCB-184	38:04	1955663	1.06	1.2996	53.2	53.2	0.0131	0.0131	106	
PCB-176	38:25	1817453	1.06	1.1987	53.7	53.7	0.0142	0.0142	107	
PCB-186	38:52	2149450	1.05	1.4715	51.7	51.7	0.0116	0.0116	103	
PCB-178	40:16	1339052	1.05	0.8813	53.8	53.8	0.0194	0.0194	108	
PCB-175	40:54	1384471	1.04	0.9040	54.2	54.2	0.0189	0.0189	108	
PCB-187	41:10	1745846	1.07	1.1524	53.6	53.6	0.0148	0.0148	107	
PCB-182	41:22	1769990	1.07	1.1052	56.7	56.7	0.0154	0.0154	113	

Compound	RT (min.)	Area	Ratio	Ical RRF	Amount pg/ul	EMPC pg/ul	Noise EDL	Final EDL	%Rec	Flags
PCB-183	41:47	2909543	1.08	0.9716	106.0	106.0	0.0176	0.0176	106	Ma
PCB-185 (C183)	41:47	2909543	1.08	0.9716	106.0	106.0	0.0176	0.0176	106	Ma
PCB-174	42:01	1509497	1.11	0.9981	53.5	53.5	0.0171	0.0171	107	
PCB-177	42:27	1485108	1.05	0.9612	54.7	54.7	0.0178	0.0178	109	
PCB-181	42:50	1593226	1.05	1.0577	53.3	53.3	0.0161	0.0161	107	
PCB-171	43:03	2731182	1.06	0.8964	107.8	107.8	0.0190	0.0190	108	
PCB-173 (C171)	43:03	2731182	1.06	0.8964	107.8	107.8	0.0190	0.0190	108	
PCB-172	44:42	1395389	1.06	0.9283	53.2	53.2	0.0184	0.0184	106	
PCB-192	44:59	2127564	1.07	1.4131	53.3	53.3	0.0121	0.0121	107	
PCB-180	45:19	3531004	1.04	1.1677	107.0	107.0	0.0146	0.0146	107	
PCB-193 (C180)	45:19	3531004	1.04	1.1677	107.0	107.0	0.0146	0.0146	107	
PCB-191	45:42	1889658	1.04	1.2698	52.7	52.7	0.0134	0.0134	105	
PCB-170	46:37	1333151	1.04	1.0923	53.7	53.7	0.0200	0.0200	107	
PCB-190	47:07	1881658	1.02	1.3003	51.2	51.2	0.0131	0.0131	102	
PCB-189	49:43	2513765	1.03	1.0146	50.6	50.6	0.1503	0.1503	101	
S Total Octachlorobiphenyls					623.2	623.2	0.1160	0.1160		
D PCB-202L	42:33	2760281	0.91	1.0390	92.8	92.8	0.0924	0.0924	92.81	
* PCB-194L	51:48	3494494	0.91	1.5E+05	100.0	100.0			100	
D PCB-205L	52:17	4000045	0.91	1.2166	94.1	94.1	0.6014	0.6014	94.09	
PCB-202	42:35	1437393	0.90	1.0078	51.7	51.7	0.0549	0.0549	103	
PCB-201	43:30	1359588	0.89	0.9580	51.4	51.4	0.0577	0.0577	103	
PCB-204	44:10	1522311	0.89	1.1119	49.6	49.6	0.0497	0.0497	99.20	
PCB-197	44:23	1434477	0.88	1.0487	49.6	49.6	0.0527	0.0527	99.11	
PCB-200	44:30	1534840	0.91	0.9671	57.5	57.5	0.0572	0.0572	115	
PCB-198	47:17	2498621	0.93	0.8830	102.5	102.5	0.0626	0.0626	103	
PCB-199 (C198)	47:17	2498621	0.93	0.8830	102.5	102.5	0.0626	0.0626	103	
PCB-196	47:58	1103201	0.90	0.7882	50.7	50.7	0.0702	0.0702	101	
PCB-203	48:10	1386919	0.89	0.9704	51.8	51.8	0.0570	0.0570	104	
PCB-195	49:28	1818761	0.89	0.8289	54.9	54.9	0.3094	0.3094	110	
PCB-194	51:50	1961601	0.90	0.9255	53.0	53.0	0.2771	0.2771	106	
PCB-205	52:18	2281984	0.88	1.1267	50.6	50.6	0.2276	0.2276	101	
S Total Nonachlorobiphenyls					152.7	152.7	0.3390	0.3390		
D PCB-208L	49:14	3807174	0.80	1.0234	106.5	106.5	0.8049	0.8049	106	
D PCB-206L	54:02	2454964	0.82	0.7298	96.3	96.3	1.129	1.129	96.26	
PCB-208	49:15	2002103	0.81	1.0457	50.3	50.3	0.3047	0.3047	101	
PCB-207	50:11	1979108	0.77	1.2328	51.3	51.3	0.3154	0.3154	103	
PCB-206	54:03	1576847	0.77	1.2570	51.1	51.1	0.3969	0.3969	102	
D PCB-209L	55:40	2611997	0.71	0.7565	98.8	98.8	0.0951	0.0951	98.80	
DCB Decachlorobiphenyl	55:42	1329984	0.69	1.0418	48.9	48.9	0.1052	0.1052	97.75	
S Polychlorinated biphenyls, Total					10491	10491	0.1784	0.1784		

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Report Date: 04-Jan-2024 00:32:39 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville
Target Compound Quantitation Worksheet Report

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Lims ID: LCS 140-81427/18-B
Client ID:
Sample Type: LCS
Inject. Date: 03-Jan-2024 15:43:00 ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info:
Operator ID: Xcalibur_System Instrument ID: D2D

Method: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\PCBs_D2D.m
Limit Group: HR - 1668A - ICAL
Last Update: 04-Jan-2024 00:32:38 Calib Date: 08-Oct-2021 16:58:00
Integrator: Picker
Quant Method: Isotopic Dilution Quant By: Initial Calibration
Last ICal File: \\chromfs\Knoxville\ChromData\D2D\20211008-21000.b\d3211007ic6.d

Column 1 : Det: F1(11.07 :21.70)
Process Host: CTX1653

First Level Reviewer: V4XA Date: 04-Jan-2024 00:32:38

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-1L											
200.0795	11:39	11:41	-4	0.726	4024195	1410251	834	2085	1691		
202.0766	11:39	11:41	-4	0.726	1242254	447733	769	1922	582	3.24(2.66-3.60)	
PCB-3L											
200.0795	13:50	13:51	-4	0.862	3948959	1076010	834	2085	1290		
202.0766	13:50	13:51	-4	0.862	1217451	332962	769	1922	433	3.24(2.66-3.60)	
PCB-1											
188.0393	11:40	11:41	-4	1.001	2354111	844124	864	2160	977		
190.0363	11:40	11:41	-4	1.001	780862	277549	333	832	833	3.01(2.66-3.60)	
PCB-2											
188.0393	13:39	13:39	-4	0.988	2283002	628977	864	2160	728		
190.0363	13:39	13:39	-4	0.988	727409	203611	333	832	611	3.14(2.66-3.60)	
PCB-3											
188.0393	13:50	13:50	-4	1.001	2328417	618677	864	2160	716		
190.0363	13:50	13:50	-4	1.001	763623	198409	333	832	596	3.05(2.66-3.60)	
PCB-4L											
234.0406	14:04	14:05	-3	0.877	1501152	434564	176	440	2469		
236.0376	14:04	14:05	-3	0.877	945986	272784	77	192	3543	1.59(1.33-1.79)	
PCB-9L											
234.0406	16:03	16:06	-3		2619267	653324	176	440	3712		
236.0376	16:03	16:06	-3		1627551	410488	77	192	5331	1.61(1.33-1.79)	
PCB-15L											
234.0406	19:58	19:58	-3	1.245	2418483	463450	176	440	2633		
236.0376	19:58	19:58	-3	1.245	1515627	291880	77	192	3791	1.60(1.33-1.79)	
PCB-4											
222.0003	14:05	14:05	-4	1.001	897879	262702	122	305	2153		
223.9974	14:05	14:05	-4	1.001	573399	165282	150	375	1102	1.57(1.33-1.79)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-10											
222.0003	14:16	14:16	-4	1.013	1251543	356604	122	305	2923		
223.9974	14:16	14:16	-4	1.013	785313	223289	150	375	1489	1.59(1.33-1.79)	
PCB-9											
222.0003	16:04	16:03	-3	1.141	1374115	363701	122	305	2981		
223.9974	16:04	16:03	-3	1.141	863231	227882	150	375	1519	1.59(1.33-1.79)	
PCB-7											
222.0003	16:13	16:13	-4	1.152	1280792	313561	122	305	2570		
223.9974	16:13	16:13	-4	1.152	811180	194461	150	375	1296	1.58(1.33-1.79)	
PCB-6											
222.0003	16:28	16:27	-3	1.170	1479434	361821	122	305	2966		
223.9974	16:28	16:27	-3	1.170	933939	222858	150	375	1486	1.58(1.33-1.79)	
PCB-5											
222.0003	16:46	16:45	-3	1.191	1202405	303092	122	305	2484		
223.9974	16:46	16:45	-3	1.191	749732	186674	150	375	1244	1.60(1.33-1.79)	
PCB-8											
222.0003	16:54	16:53	-3	1.201	1594388	365178	122	305	2993		
223.9974	16:54	16:53	-3	1.201	986662	227866	150	375	1519	1.62(1.33-1.79)	
PCB-14											
222.0003	18:31	18:31	-4	0.927	1286950	271730	122	305	2227		
223.9974	18:31	18:31	-4	0.927	813161	172378	150	375	1149	1.58(1.33-1.79)	
PCB-11											
222.0003	19:22	19:21	-3	0.970	1419774	287504	122	305	2357		
223.9974	19:22	19:21	-3	0.970	890122	179041	150	375	1194	1.60(1.33-1.79)	
PCB-12											
222.0003	19:41	19:39	-3	0.986	2593675	385060	122	305	3156		
223.9974	19:40	19:39	-3	0.985	1597010	235561	150	375	1570	1.62(1.33-1.79)	
PCB-13 (C12)											
222.0003	19:41	19:39	-3	0.986	2593675	385060	122	305	3156		
223.9974	19:40	19:39	-3	0.985	1597010	235561	150	375	1570	1.62(1.33-1.79)	
PCB-15											
222.0003	19:59	19:59	-3	1.001	1434242	253891	122	305	2081		
223.9974	19:59	19:59	-3	1.001	894823	156773	150	375	1045	1.60(1.33-1.79)	
PCB-19L											
268.0016	17:11	17:11	-3	0.841	807740	198112	2114	5285	94		
269.9986	17:11	17:11	-3	0.841	779779	190113	416	1040	457	1.04(0.88-1.20)	
PCB-32L											
268.0016	20:26	20:29	-3		1522616	323581	2114	5285	153		
269.9986	20:26	20:29	-3		1410885	304354	416	1040	732	1.08(0.88-1.20)	
PCB-31L											
268.0016	22:42	22:45	-3		3537844	732244	464	1160	1578		
269.9986	22:42	22:45	-3		3383896	689696	495	1237	1393	1.05(0.88-1.20)	
PCB-37L											
268.0016	27:01	27:00	-3	1.190	2815374	503557	464	1160	1085		
269.9986	27:01	27:00	-3	1.190	2648203	470734	495	1237	951	1.06(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-19											
255.9613	17:11	17:12	-4	1.001	564814	139707	53	132	2636		
257.9584	17:11	17:12	-4	1.001	520854	128067	65	162	1970	1.08(0.88-1.20)	
PCB-18											
255.9613	19:02	19:02	-3	1.109	1497308	261512	53	132	4934		
257.9584	19:02	19:02	-3	1.109	1402422	244617	65	162	3763	1.07(0.88-1.20)	
PCB-30 (C18)											
255.9613	19:02	19:02	-3	1.109	1497308	261512	53	132	4934		
257.9584	19:02	19:02	-3	1.109	1402422	244617	65	162	3763	1.07(0.88-1.20)	
PCB-17											
255.9613	19:28	19:28	-3	1.134	517079	115499	53	132	2179		
257.9584	19:28	19:28	-3	1.134	477004	103649	65	162	1595	1.08(0.88-1.20)	
PCB-27											
255.9613	19:42	19:41	-3	1.147	725366	164977	53	132	3113		
257.9584	19:42	19:41	-3	1.147	670346	151775	65	162	2335	1.08(0.88-1.20)	
PCB-24											
255.9613	19:50	19:49	-3	1.155	724279	166126	53	132	3134		
257.9584	19:50	19:49	-3	1.155	720070	161752	65	162	2488	1.01(0.88-1.20)	
PCB-16											
255.9613	19:57	20:01	-3	1.161	562089	110178	53	132	2079		
257.9584	19:57	20:01	-3	1.161	480905	102203	65	162	1572	1.17(0.88-1.20)	
PCB-32											
255.9613	20:28	20:26	-3	1.191	841468	181357	53	132	3422		
257.9584	20:28	20:26	-3	1.191	795263	175448	65	162	2699	1.06(0.88-1.20)	
PCB-34											
255.9613	21:43	21:42	-3	1.265	1247646	275535	1152	2880	239		
257.9584	21:43	21:42	-3	1.265	1245007	278303	952	2380	292	1.00(0.88-1.20)	
PCB-23											
255.9613	21:53	21:51	-3	1.274	1337392	282535	1152	2880	245		
257.9584	21:53	21:51	-3	1.274	1338213	282161	952	2380	296	1.00(0.88-1.20)	
PCB-26											
255.9613	22:12	22:10	-3	1.292	2562405	474569	1152	2880	412		
257.9584	22:12	22:10	-3	1.292	2585588	480545	952	2380	505	0.99(0.88-1.20)	
PCB-29 (C26)											
255.9613	22:12	22:10	-3	1.292	2562405	474569	1152	2880	412		
257.9584	22:12	22:10	-3	1.292	2585588	480545	952	2380	505	0.99(0.88-1.20)	
PCB-25											
255.9613	22:25	22:25	-3	0.830	1626236	317736	1152	2880	276		
257.9584	22:25	22:25	-3	0.830	1642460	317075	952	2380	333	0.99(0.88-1.20)	
PCB-31											
255.9613	22:44	22:43	-3	0.841	1599704	316379	1152	2880	275		
257.9584	22:44	22:43	-3	0.841	1603890	327647	952	2380	344	1.00(0.88-1.20)	
PCB-20											
255.9613	23:02	23:02	-3	0.853	2821742	491855	1152	2880	427		
257.9584	23:02	23:02	-3	0.853	2804607	485900	952	2380	510	1.01(0.88-1.20)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-28 (C20)											
255.9613	23:02	23:02	-3	0.853	2821742	491855	1152	2880	427		
257.9584	23:02	23:02	-3	0.853	2804607	485900	952	2380	510	1.01(0.88-1.20)	
PCB-21											M
255.9613	23:12	23:12	-3	0.859	2899534	330778	1152	2880	287		M
257.9584	23:12	23:12	-3	0.859	2916759	333715	952	2380	351	0.99(0.88-1.20)	M
PCB-33 (C21)											M
255.9613	23:12	23:12	-3	0.859	2899534	330778	1152	2880	287		M
257.9584	23:12	23:12	-3	0.859	2916759	333715	952	2380	351	0.99(0.88-1.20)	M
PCB-22											
255.9613	23:40	23:39	-2	0.876	1571146	316021	1152	2880	274		
257.9584	23:40	23:39	-2	0.876	1548967	301445	952	2380	317	1.01(0.88-1.20)	
PCB-36											
255.9613	25:13	25:12	-2	0.934	1664245	306637	1152	2880	266		
257.9584	25:13	25:12	-2	0.934	1655796	302315	952	2380	318	1.01(0.88-1.20)	
PCB-39											
255.9613	25:35	25:35	-3	0.947	1456000	273489	1152	2880	237		
257.9584	25:35	25:35	-3	0.947	1442968	277112	952	2380	291	1.01(0.88-1.20)	
PCB-38											
255.9613	26:09	26:09	-3	0.968	1543197	293821	1152	2880	255		
257.9584	26:09	26:09	-3	0.968	1521210	285690	952	2380	300	1.01(0.88-1.20)	
PCB-35											
255.9613	26:38	26:37	-2	0.986	1497240	266442	1152	2880	231		
257.9584	26:38	26:37	-2	0.986	1465390	260863	952	2380	274	1.02(0.88-1.20)	
PCB-37											
255.9613	27:02	27:02	-2	1.001	1541079	270837	1152	2880	235		
257.9584	27:02	27:02	-2	1.001	1494933	271575	952	2380	285	1.03(0.88-1.20)	
PCB-54L											
301.9626	20:16	20:16	-3	0.816	832833	187048	55	137	3401		
303.9597	20:16	20:16	-3	0.816	990645	217905	24	60	9079	0.84(0.65-0.89)	
PCB-52L											
301.9626	24:50	24:53	-2		1700687	354054	328	820	1079		
303.9597	24:50	24:53	-2		2136253	443431	435	1087	1019	0.80(0.65-0.89)	
PCB-81L											
301.9626	33:46	33:44	-3	1.359	1983788	358110	328	820	1092		
303.9597	33:46	33:44	-3	1.359	2479155	451659	435	1087	1038	0.80(0.65-0.89)	
PCB-77L											
301.9626	34:19	34:18	-3	1.382	2177592	376133	328	820	1147		
303.9597	34:19	34:18	-3	1.382	2739077	471334	435	1087	1084	0.80(0.65-0.89)	
PCB-54											
289.9224	20:17	20:20	-3	1.000	476853	102960	43	107	2394		
291.9194	20:17	20:20	-3	1.000	623640	131990	59	147	2237	0.76(0.65-0.89)	
PCB-50											
289.9224	22:28	22:27	-3	1.109	1662265	320854	68	170	4718		
291.9194	22:28	22:27	-3	1.109	2097800	396917	88	220	4510	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-53 (C50)											
289.9224	22:28	22:27	-3	1.109	1662265	320854	68	170	4718		
291.9194	22:28	22:27	-3	1.109	2097800	396917	88	220	4510	0.79(0.65-0.89)	
PCB-45											
289.9224	23:11	23:10	-3	1.145	1554018	186059	68	170	2736		
291.9194	23:11	23:10	-3	1.145	1946599	237130	88	220	2695	0.80(0.65-0.89)	
PCB-51 (C45)											
289.9224	23:11	23:10	-3	1.145	1554018	186059	68	170	2736		
291.9194	23:11	23:10	-3	1.145	1946599	237130	88	220	2695	0.80(0.65-0.89)	
PCB-46											
289.9224	23:26	23:26	-3	1.157	677046	133647	68	170	1965		
291.9194	23:26	23:26	-3	1.157	864878	179212	88	220	2037	0.78(0.65-0.89)	
PCB-52											
289.9224	24:52	24:50	-2	1.227	907165	193047	68	170	2839		
291.9194	24:52	24:50	-2	1.227	1148994	243692	88	220	2769	0.79(0.65-0.89)	
PCB-43											M
289.9224	25:00	25:00	-2	1.234	1995878	235463	68	170	3463		M
291.9194	25:00	25:00	-2	1.234	2532654	301888	88	220	3431	0.79(0.65-0.89)	M
PCB-73 (C43)											M
289.9224	25:00	25:00	-2	1.234	1995878	235463	68	170	3463		M
291.9194	25:00	25:00	-2	1.234	2532654	301888	88	220	3431	0.79(0.65-0.89)	M
PCB-49											
289.9224	25:19	25:20	-3	1.249	1936678	272290	68	170	4004		
291.9194	25:18	25:20	-4	1.249	2421846	334096	88	220	3797	0.80(0.65-0.89)	
PCB-69 (C49)											
289.9224	25:19	25:20	-3	1.249	1936678	272290	68	170	4004		
291.9194	25:18	25:20	-4	1.249	2421846	334096	88	220	3797	0.80(0.65-0.89)	
PCB-48											
289.9224	25:38	25:36	-2	1.265	808487	163884	68	170	2410		
291.9194	25:38	25:36	-2	1.265	1036694	215097	88	220	2444	0.78(0.65-0.89)	
PCB-44											
289.9224	25:53	25:48	-2	1.277	2706134	459781	68	170	6761		
291.9194	25:53	25:48	-2	1.277	3436760	581527	88	220	6608	0.79(0.65-0.89)	
PCB-47 (C44)											
289.9224	25:53	25:48	-2	1.277	2706134	459781	68	170	6761		
291.9194	25:53	25:48	-2	1.277	3436760	581527	88	220	6608	0.79(0.65-0.89)	
PCB-65 (C44)											
289.9224	25:53	25:48	-2	1.277	2706134	459781	68	170	6761		
291.9194	25:53	25:48	-2	1.277	3436760	581527	88	220	6608	0.79(0.65-0.89)	
PCB-59											
289.9224	26:11	26:10	-3	1.292	3080273	444592	68	170	6538		
291.9194	26:11	26:10	-3	1.292	3921275	573483	88	220	6517	0.79(0.65-0.89)	
PCB-62 (C59)											
289.9224	26:11	26:10	-3	1.292	3080273	444592	68	170	6538		
291.9194	26:11	26:10	-3	1.292	3921275	573483	88	220	6517	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-75 (C59)											
289.9224	26:11	26:10	-3	1.292	3080273	444592	68	170	6538		
291.9194	26:11	26:10	-3	1.292	3921275	573483	88	220	6517	0.79(0.65-0.89)	
PCB-42											
289.9224	26:23	26:21	-2	1.302	739612	138691	68	170	2040		
291.9194	26:22	26:21	-3	1.302	926335	178137	88	220	2024	0.80(0.65-0.89)	
PCB-40											
289.9224	26:52	26:52	-3	1.326	2469048	339390	68	170	4991		
291.9194	26:52	26:52	-3	1.326	3151867	443461	88	220	5039	0.78(0.65-0.89)	
PCB-41 (C40)											
289.9224	26:52	26:52	-3	1.326	2469048	339390	68	170	4991		
291.9194	26:52	26:52	-3	1.326	3151867	443461	88	220	5039	0.78(0.65-0.89)	
PCB-71 (C40)											
289.9224	26:52	26:52	-3	1.326	2469048	339390	68	170	4991		
291.9194	26:52	26:52	-3	1.326	3151867	443461	88	220	5039	0.78(0.65-0.89)	
PCB-64											
289.9224	27:06	27:04	-2	1.338	1205558	230466	68	170	3389		
291.9194	27:06	27:04	-2	1.338	1556241	295184	88	220	3354	0.77(0.65-0.89)	
PCB-72											
289.9224	27:56	27:56	-2	0.827	1204697	247822	68	170	3644		
291.9194	27:56	27:56	-2	0.827	1529864	315530	88	220	3586	0.79(0.65-0.89)	
PCB-68											
289.9224	28:13	28:13	-2	0.836	1205809	214754	68	170	3158		
291.9194	28:13	28:13	-2	0.836	1544989	280400	88	220	3186	0.78(0.65-0.89)	
PCB-57											
289.9224	28:38	28:38	-2	0.848	1148020	228584	68	170	3362		
291.9194	28:38	28:38	-2	0.848	1441382	282596	88	220	3211	0.80(0.65-0.89)	
PCB-58											
289.9224	28:53	28:53	-2	0.855	1289279	247025	68	170	3633		
291.9194	28:53	28:53	-2	0.855	1663092	316249	88	220	3594	0.78(0.65-0.89)	
PCB-67											
289.9224	29:03	29:03	-2	0.860	1337427	244559	68	170	3596		
291.9194	29:03	29:03	-2	0.860	1695003	308086	88	220	3501	0.79(0.65-0.89)	
PCB-63											
289.9224	29:18	29:19	-3	0.868	1050605	191983	68	170	2823		
291.9194	29:18	29:19	-3	0.868	1315105	246004	88	220	2796	0.80(0.65-0.89)	
PCB-61											
289.9224	29:39	29:38	-2	0.878	4958477	500530	68	170	7361		
291.9194	29:39	29:38	-2	0.878	6282098	638867	88	220	7260	0.79(0.65-0.89)	
PCB-70 (C61)											
289.9224	29:39	29:38	-2	0.878	4958477	500530	68	170	7361		
291.9194	29:39	29:38	-2	0.878	6282098	638867	88	220	7260	0.79(0.65-0.89)	
PCB-74 (C61)											
289.9224	29:39	29:38	-2	0.878	4958477	500530	68	170	7361		
291.9194	29:39	29:38	-2	0.878	6282098	638867	88	220	7260	0.79(0.65-0.89)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-76 (C61)											
289.9224	29:39	29:38	-2	0.878	4958477	500530	68	170	7361		
291.9194	29:39	29:38	-2	0.878	6282098	638867	88	220	7260	0.79(0.65-0.89)	
PCB-66											
289.9224	29:58	29:57	-2	0.888	1335324	243283	68	170	3578		
291.9194	29:58	29:57	-2	0.888	1698500	305587	88	220	3473	0.79(0.65-0.89)	
PCB-55											
289.9224	30:08	30:08	-2	0.892	1318209	257963	68	170	3794		
291.9194	30:08	30:08	-2	0.892	1692900	329170	88	220	3741	0.78(0.65-0.89)	
PCB-56											
289.9224	30:39	30:39	-2	0.908	1278740	247550	68	170	3640		
291.9194	30:39	30:39	-2	0.908	1605848	308815	88	220	3509	0.80(0.65-0.89)	
PCB-60											
289.9224	30:51	30:52	-3	0.914	1102670	208998	68	170	3074		
291.9194	30:51	30:52	-3	0.914	1416457	259002	88	220	2943	0.78(0.65-0.89)	
PCB-80											
289.9224	31:16	31:16	-2	0.926	1263779	238547	68	170	3508		
291.9194	31:16	31:16	-2	0.926	1618164	293629	88	220	3337	0.78(0.65-0.89)	
PCB-79											
289.9224	32:47	32:47	-2	0.971	1477054	249936	68	170	3676		
291.9194	32:47	32:47	-2	0.971	1855995	327652	88	220	3723	0.80(0.65-0.89)	
PCB-78											
289.9224	33:21	33:20	-2	0.988	1200927	215129	68	170	3164		
291.9194	33:21	33:20	-2	0.988	1502108	268694	88	220	3053	0.80(0.65-0.89)	
PCB-81											
289.9224	33:47	33:46	-2	1.001	1021151	173383	68	170	2550		
291.9194	33:47	33:46	-2	1.001	1306262	231014	88	220	2625	0.78(0.65-0.89)	
PCB-77											
289.9224	34:21	34:20	-2	1.001	1148538	198891	68	170	2925		
291.9194	34:21	34:20	-2	1.001	1472771	251443	88	220	2857	0.78(0.65-0.89)	
PCB-104L											
337.9207	25:46	25:46	-2	0.813	1933777	405209	67	167	6048		
339.9178	25:46	25:46	-2	0.813	1190804	242396	40	100	6060	1.62(1.32-1.78)	
PCB-101L											
337.9207	31:41	31:44	-2		1685124	326231	67	167	4869		
339.9178	31:41	31:44	-2		1066181	205447	40	100	5136	1.58(1.32-1.78)	
PCB-123L											
337.9207	36:20	36:18	-2	1.147	2702275	511029	1481	3702	345		
339.9178	36:20	36:18	-2	1.147	1728699	322503	1078	2695	299	1.56(1.32-1.78)	
PCB-118L											
337.9207	36:39	36:38	-2	1.157	2838699	541319	1481	3702	366		
339.9178	36:39	36:38	-2	1.157	1800111	341974	1078	2695	317	1.58(1.32-1.78)	
PCB-114L											
337.9207	37:11	37:09	-2	1.173	2789438	528068	1481	3702	357		
339.9178	37:11	37:09	-2	1.173	1735718	331363	1078	2695	307	1.61(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-105L											
337.9207	37:50	37:48	-2	1.194	2761792	514069	1481	3702	347		
339.9178	37:50	37:48	-2	1.194	1721361	325016	1078	2695	301	1.60(1.32-1.78)	
PCB-127L											
337.9207	39:18	39:21	-2		2993125	559326	1481	3702	378		
339.9178	39:18	39:21	-2		1844391	341950	1078	2695	317	1.62(1.32-1.78)	
PCB-126L											
337.9207	40:54	40:53	-3	1.291	2839690	508594	1481	3702	343		
339.9178	40:55	40:53	-2	1.291	1744933	306470	1078	2695	284	1.63(1.32-1.78)	
PCB-104											
325.8804	25:48	25:47	-2	1.001	1014537	212348	171	427	1242		
327.8775	25:48	25:47	-2	1.001	635556	134935	74	185	1823	1.60(1.32-1.78)	
PCB-96											
325.8804	26:10	26:10	-3	1.015	1089567	217278	171	427	1271		
327.8775	26:10	26:10	-3	1.015	674070	131862	74	185	1782	1.62(1.32-1.78)	
PCB-103											
325.8804	28:07	28:06	-2	1.091	802877	161975	171	427	947		
327.8775	28:07	28:06	-2	1.091	500955	102793	74	185	1389	1.60(1.32-1.78)	
PCB-94											
325.8804	28:20	28:19	-2	1.099	654197	131868	171	427	771		
327.8775	28:20	28:19	-1	1.100	424304	83138	74	185	1123	1.54(1.32-1.78)	
PCB-95											
325.8804	28:47	28:46	-2	1.117	751138	151331	171	427	885		
327.8775	28:47	28:46	-2	1.117	472295	97153	74	185	1313	1.59(1.32-1.78)	
PCB-93											
325.8804	29:00	28:59	-2	1.125	1466836	270781	171	427	1584		
327.8775	29:00	28:59	-2	1.125	938415	167616	74	185	2265	1.56(1.32-1.78)	
PCB-100 (C93)											
325.8804	29:00	28:59	-2	1.125	1466836	270781	171	427	1584		
327.8775	29:00	28:59	-2	1.125	938415	167616	74	185	2265	1.56(1.32-1.78)	
PCB-98											M
325.8804	29:08	29:08	-3	1.130	1662847	196286	171	427	1148		
327.8775	29:08	29:08	-3	1.130	1055704	124057	74	185	1676	1.58(1.32-1.78)	M
PCB-102 (C98)											M
325.8804	29:08	29:08	-3	1.130	1662847	196286	171	427	1148		
327.8775	29:08	29:08	-3	1.130	1055704	124057	74	185	1676	1.58(1.32-1.78)	M
PCB-88											
325.8804	29:38	29:38	-2	1.150	1556980	159680	171	427	934		
327.8775	29:38	29:38	-2	1.150	959918	102297	74	185	1382	1.62(1.32-1.78)	
PCB-91 (C88)											
325.8804	29:38	29:38	-2	1.150	1556980	159680	171	427	934		
327.8775	29:38	29:38	-2	1.150	959918	102297	74	185	1382	1.62(1.32-1.78)	
PCB-84											
325.8804	29:52	29:52	-2	1.159	724897	135089	171	427	790		
327.8775	29:51	29:52	-3	1.158	449340	85940	74	185	1161	1.61(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-89											
325.8804	30:20	30:20	-2	1.177	863855	170427	171	427	997		
327.8775	30:20	30:20	-2	1.177	538046	103655	74	185	1401	1.61(1.32-1.78)	
PCB-121											
325.8804	30:45	30:45	-2	1.193	1250376	249781	171	427	1461		
327.8775	30:45	30:45	-2	1.193	776414	152734	74	185	2064	1.61(1.32-1.78)	
PCB-92											M
325.8804	31:08	31:08	-2	0.857	760899	151468	171	427	886		M
327.8775	31:08	31:08	-2	0.857	496195	93680	74	185	1266	1.53(1.32-1.78)	
PCB-90											
325.8804	31:41	31:40	-2	1.230	2776899	381913	171	427	2233		
327.8775	31:41	31:40	-2	1.230	1738258	241371	74	185	3262	1.60(1.32-1.78)	
PCB-101 (C90)											
325.8804	31:41	31:40	-2	1.230	2776899	381913	171	427	2233		
327.8775	31:41	31:40	-2	1.230	1738258	241371	74	185	3262	1.60(1.32-1.78)	
PCB-113 (C90)											
325.8804	31:41	31:40	-2	1.230	2776899	381913	171	427	2233		
327.8775	31:41	31:40	-2	1.230	1738258	241371	74	185	3262	1.60(1.32-1.78)	
PCB-83											
325.8804	32:17	32:16	-2	1.253	1694087	211334	171	427	1236		
327.8775	32:17	32:16	-2	1.253	1081026	130919	74	185	1769	1.57(1.32-1.78)	
PCB-99 (C83)											
325.8804	32:17	32:16	-2	1.253	1694087	211334	171	427	1236		
327.8775	32:17	32:16	-2	1.253	1081026	130919	74	185	1769	1.57(1.32-1.78)	
PCB-112											
325.8804	32:24	32:24	-2	1.257	1338374	250303	171	427	1464		
327.8775	32:24	32:24	-2	1.257	856141	162896	74	185	2201	1.56(1.32-1.78)	
PCB-86											M
325.8804	32:47	32:47	-2	1.272	6031854	637662	171	427	3729		M
327.8775	32:47	32:47	-2	1.272	3802126	411626	74	185	5563	1.59(1.32-1.78)	M
PCB-87 (C86)											M
325.8804	32:47	32:47	-2	1.272	6031854	637662	171	427	3729		M
327.8775	32:47	32:47	-2	1.272	3802126	411626	74	185	5563	1.59(1.32-1.78)	M
PCB-97 (C86)											M
325.8804	32:47	32:47	-2	1.272	6031854	637662	171	427	3729		M
327.8775	32:47	32:47	-2	1.272	3802126	411626	74	185	5563	1.59(1.32-1.78)	M
PCB-109 (C86)											M
325.8804	32:47	32:47	-2	1.272	6031854	637662	171	427	3729		M
327.8775	32:47	32:47	-2	1.272	3802126	411626	74	185	5563	1.59(1.32-1.78)	M
PCB-119 (C86)											M
325.8804	32:47	32:47	-2	1.272	6031854	637662	171	427	3729		M
327.8775	32:47	32:47	-2	1.272	3802126	411626	74	185	5563	1.59(1.32-1.78)	M
PCB-125 (C86)											M
325.8804	32:47	32:47	-2	1.272	6031854	637662	171	427	3729		M
327.8775	32:47	32:47	-2	1.272	3802126	411626	74	185	5563	1.59(1.32-1.78)	M

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-85											
325.8804	33:30	33:31	-2	1.300	2928738	368580	171	427	2155		
327.8775	33:30	33:31	-2	1.300	1847820	229217	74	185	3098	1.58(1.32-1.78)	
PCB-116 (C85)											
325.8804	33:30	33:31	-2	1.300	2928738	368580	171	427	2155		
327.8775	33:30	33:31	-2	1.300	1847820	229217	74	185	3098	1.58(1.32-1.78)	
PCB-117 (C85)											
325.8804	33:30	33:31	-2	1.300	2928738	368580	171	427	2155		
327.8775	33:30	33:31	-2	1.300	1847820	229217	74	185	3098	1.58(1.32-1.78)	
PCB-110											
325.8804	33:43	33:43	-4	1.308	2612343	290676	171	427	1700		
327.8775	33:44	33:43	-2	1.309	1675092	189134	74	185	2556	1.56(1.32-1.78)	
PCB-115 (C110)											
325.8804	33:43	33:43	-4	1.308	2612343	290676	171	427	1700		
327.8775	33:44	33:43	-2	1.309	1675092	189134	74	185	2556	1.56(1.32-1.78)	
PCB-82											
325.8804	34:00	34:00	-2	1.319	852350	150778	171	427	882		
327.8775	34:00	34:00	-2	1.319	555377	99437	74	185	1344	1.53(1.32-1.78)	
PCB-111											
325.8804	34:24	34:23	-2	1.335	1205309	231411	171	427	1353		
327.8775	34:24	34:23	-2	1.335	742108	143867	74	185	1944	1.62(1.32-1.78)	
PCB-120											
325.8804	34:52	34:51	-2	1.353	1455313	286833	171	427	1677		
327.8775	34:52	34:51	-2	1.353	918934	174497	74	185	2358	1.58(1.32-1.78)	
PCB-108											
325.8804	36:00	36:01	-2	1.397	3044760	566811	1052	2630	539		
327.8775	36:00	36:01	-2	1.397	1907736	364138	718	1795	507	1.60(1.32-1.78)	
PCB-124 (C108)											
325.8804	36:00	36:01	-2	1.397	3044760	566811	1052	2630	539		
327.8775	36:00	36:01	-2	1.397	1907736	364138	718	1795	507	1.60(1.32-1.78)	
PCB-107											
325.8804	36:15	36:14	-2	1.406	1715110	312757	1052	2630	297		
327.8775	36:14	36:14	-2	1.406	1065493	192074	718	1795	268	1.61(1.32-1.78)	
PCB-123											
325.8804	36:21	36:19	-2	1.000	1347101	275920	1052	2630	262		
327.8775	36:21	36:19	-2	1.000	946435	175231	718	1795	244	1.42(1.32-1.78)	
PCB-106											
325.8804	36:28	36:29	-2	1.004	1679717	304489	1052	2630	289		
327.8775	36:28	36:29	-2	1.004	987791	198053	718	1795	276	1.70(1.32-1.78)	
PCB-118											
325.8804	36:41	36:41	-2	1.001	1518836	269874	1052	2630	257		
327.8775	36:41	36:41	-2	1.001	984709	183971	718	1795	256	1.54(1.32-1.78)	
PCB-122											
325.8804	37:01	37:01	-2	1.010	1267272	244761	1052	2630	233		
327.8775	37:01	37:01	-2	1.010	817458	154622	718	1795	215	1.55(1.32-1.78)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-114											
325.8804	37:12	37:12	-2	1.001	1469232	257263	1052	2630	245		
327.8775	37:12	37:12	-2	1.001	938497	169002	718	1795	235	1.57(1.32-1.78)	
PCB-105											
325.8804	37:52	37:50	-2	1.001	1441571	256697	1052	2630	244		
327.8775	37:52	37:50	-2	1.001	922258	162738	718	1795	227	1.56(1.32-1.78)	
PCB-127											
325.8804	39:20	39:19	-2	1.040	1626039	290533	1052	2630	276		
327.8775	39:20	39:19	-2	1.040	1048305	186137	718	1795	259	1.55(1.32-1.78)	
PCB-126											
325.8804	40:56	40:55	-2	1.001	1679912	283356	1052	2630	269		
327.8775	40:56	40:55	-2	1.001	1096740	189606	718	1795	264	1.53(1.32-1.78)	
PCB-155L											
371.8817	31:27	31:26	-2	0.791	1689616	335997	42	105	8000		
373.8788	31:27	31:26	-2	0.791	1311370	258643	41	102	6308	1.29(1.05-1.43)	
PCB-138L											
371.8817	39:46	39:49	-3		1983288	374613	780	1950	480		
373.8788	39:46	39:49	-3		1578136	298895	651	1627	459	1.26(1.05-1.43)	
PCB-167L											
371.8817	42:46	42:44	-2	1.076	2404896	443428	780	1950	568		
373.8788	42:46	42:44	-2	1.076	1904281	349984	651	1627	538	1.26(1.05-1.43)	
PCB-156L											
371.8817	43:56	43:54	-2	1.105	4736306	619888	780	1950	795		
373.8788	43:56	43:54	-2	1.105	3708693	489623	651	1627	752	1.28(1.05-1.43)	
PCB-157L (C156L)											
371.8817	43:56	43:54	-2	1.105	4736306	619888	780	1950	795		
373.8788	43:56	43:54	-2	1.105	3708693	489623	651	1627	752	1.28(1.05-1.43)	
PCB-169L											
371.8817	47:10	47:08	-2	1.186	2395250	425181	780	1950	545		
373.8788	47:10	47:08	-2	1.186	1899356	327698	651	1627	503	1.26(1.05-1.43)	
PCB-155											
359.8415	31:28	31:28	-2	1.001	790713	161028	107	267	1505		
361.8385	31:28	31:28	-2	1.001	619665	123820	93	232	1331	1.28(1.05-1.43)	
PCB-152											
359.8415	31:41	31:41	-2	1.007	929839	186270	107	267	1741		
361.8385	31:41	31:41	-2	1.007	743537	149008	93	232	1602	1.25(1.05-1.43)	
PCB-150											
359.8415	31:51	31:51	-2	1.013	846270	161965	107	267	1514		
361.8385	31:51	31:51	-2	1.013	672040	129854	93	232	1396	1.26(1.05-1.43)	
PCB-136											
359.8415	32:12	32:12	-2	1.024	789194	151906	107	267	1420		
361.8385	32:12	32:12	-2	1.024	609355	115070	93	232	1237	1.30(1.05-1.43)	
PCB-145											
359.8415	32:30	32:30	-2	1.034	901880	169587	107	267	1585		
361.8385	32:30	32:30	-3	1.033	725604	142272	93	232	1530	1.24(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-148											
359.8415	34:01	34:01	-2	1.082	621919	123918	107	267	1158		
361.8385	34:01	34:01	-2	1.082	511482	97746	93	232	1051	1.22(1.05-1.43)	
PCB-135											
359.8415	34:40	34:41	1	1.102	1279815	151778	107	267	1418		
361.8385	34:39	34:41	0	1.102	1039012	120387	93	232	1294	1.23(1.05-1.43)	
PCB-151 (C135)											
359.8415	34:40	34:41	1	1.102	1279815	151778	107	267	1418		
361.8385	34:39	34:41	0	1.102	1039012	120387	93	232	1294	1.23(1.05-1.43)	
PCB-154											
359.8415	34:52	34:51	-2	1.109	693506	129300	107	267	1208		
361.8385	34:52	34:51	-2	1.109	532989	101691	93	232	1093	1.30(1.05-1.43)	
PCB-144											
359.8415	35:11	35:10	-2	1.119	630064	118893	107	267	1111		
361.8385	35:11	35:10	-2	1.119	500466	96020	93	232	1032	1.26(1.05-1.43)	
PCB-147											
359.8415	35:32	35:31	-2	1.130	2016947	390373	715	1787	546		
361.8385	35:32	35:31	-2	1.130	1624638	309833	368	920	842	1.24(1.05-1.43)	
PCB-149 (C147)											
359.8415	35:32	35:31	-2	1.130	2016947	390373	715	1787	546		
361.8385	35:32	35:31	-2	1.130	1624638	309833	368	920	842	1.24(1.05-1.43)	
PCB-134											
359.8415	35:50	35:44	-2	1.140	1659404	172553	715	1787	241		
361.8385	35:50	35:44	-2	1.140	1306666	138003	368	920	375	1.27(1.05-1.43)	
PCB-143 (C134)											
359.8415	35:50	35:44	-2	1.140	1659404	172553	715	1787	241		
361.8385	35:50	35:44	-2	1.140	1306666	138003	368	920	375	1.27(1.05-1.43)	
PCB-139											
359.8415	36:08	36:07	-2	1.149	1985337	343640	715	1787	481		
361.8385	36:08	36:07	-2	1.149	1582510	281458	368	920	765	1.25(1.05-1.43)	
PCB-140 (C139)											
359.8415	36:08	36:07	-2	1.149	1985337	343640	715	1787	481		
361.8385	36:08	36:07	-2	1.149	1582510	281458	368	920	765	1.25(1.05-1.43)	
PCB-131											
359.8415	36:20	36:20	-2	1.156	854288	158630	715	1787	222		
361.8385	36:20	36:20	-2	1.156	650516	121921	368	920	331	1.31(1.05-1.43)	
PCB-142											
359.8415	36:30	36:28	-2	1.161	817108	155951	715	1787	218		
361.8385	36:29	36:28	-2	1.160	664535	127509	368	920	346	1.23(1.05-1.43)	
PCB-132											
359.8415	36:48	36:48	-2	1.170	872564	161398	715	1787	226		
361.8385	36:48	36:48	-2	1.170	712876	133745	368	920	363	1.22(1.05-1.43)	
PCB-133											
359.8415	37:18	37:17	-2	1.186	927996	172472	715	1787	241		
361.8385	37:18	37:17	-2	1.186	757912	145013	368	920	394	1.22(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-165											
359.8415	37:42	37:41	-2	0.881	1108607	214149	715	1787	300		
361.8385	37:42	37:41	-2	0.881	897067	171559	368	920	466	1.24(1.05-1.43)	
PCB-146											
359.8415	37:56	37:56	-2	0.887	1116211	215382	715	1787	301		
361.8385	37:56	37:56	-2	0.887	895817	169716	368	920	461	1.25(1.05-1.43)	
PCB-161											
359.8415	38:04	38:04	-2	0.890	1400710	266548	715	1787	373		
361.8385	38:04	38:04	-2	0.890	1114356	209208	368	920	569	1.26(1.05-1.43)	
PCB-153											
359.8415	38:34	38:34	-3	0.902	2487355	357841	715	1787	500		
361.8385	38:34	38:34	-3	0.902	1984634	283503	368	920	770	1.25(1.05-1.43)	
PCB-168 (C153)											
359.8415	38:34	38:34	-3	0.902	2487355	357841	715	1787	500		
361.8385	38:34	38:34	-3	0.902	1984634	283503	368	920	770	1.25(1.05-1.43)	
PCB-141											
359.8415	38:45	38:44	-1	0.906	997433	183943	715	1787	257		
361.8385	38:45	38:44	-1	0.906	735255	138436	368	920	376	1.36(1.05-1.43)	
PCB-130											
359.8415	39:10	39:09	-2	0.916	764160	148075	715	1787	207		
361.8385	39:10	39:09	-2	0.916	604694	114493	368	920	311	1.26(1.05-1.43)	
PCB-137											
359.8415	39:22	39:22	-2	0.920	936274	177245	715	1787	248		
361.8385	39:22	39:22	-2	0.920	685563	143279	368	920	389	1.37(1.05-1.43)	
PCB-164											
359.8415	39:30	39:30	-2	0.924	1336878	254672	715	1787	356		
361.8385	39:30	39:30	-2	0.924	1096776	206659	368	920	562	1.22(1.05-1.43)	
PCB-129											M
359.8415	39:48	39:48	-2	0.931	4212657	460648	715	1787	644		M
361.8385	39:48	39:48	-2	0.931	3361325	364559	368	920	991	1.25(1.05-1.43)	M
PCB-138 (C129)											M
359.8415	39:48	39:48	-2	0.931	4212657	460648	715	1787	644		M
361.8385	39:48	39:48	-2	0.931	3361325	364559	368	920	991	1.25(1.05-1.43)	M
PCB-160 (C129)											M
359.8415	39:48	39:48	-2	0.931	4212657	460648	715	1787	644		M
361.8385	39:48	39:48	-2	0.931	3361325	364559	368	920	991	1.25(1.05-1.43)	M
PCB-163 (C129)											M
359.8415	39:48	39:48	-2	0.931	4212657	460648	715	1787	644		M
361.8385	39:48	39:48	-2	0.931	3361325	364559	368	920	991	1.25(1.05-1.43)	M
PCB-158											
359.8415	40:11	40:10	-2	0.939	1369956	242825	715	1787	340		
361.8385	40:11	40:10	-2	0.939	1068223	190151	368	920	517	1.28(1.05-1.43)	
PCB-128											
359.8415	41:02	41:03	-3	0.959	2428863	395364	715	1787	553		
361.8385	41:02	41:03	-3	0.959	1947823	313714	368	920	852	1.25(1.05-1.43)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-166 (C128)											
359.8415	41:02	41:03	-3	0.959	2428863	395364	715	1787	553		
361.8385	41:02	41:03	-3	0.959	1947823	313714	368	920	852	1.25(1.05-1.43)	
PCB-159											
359.8415	42:02	42:01	-2	0.983	1556063	295977	715	1787	414		
361.8385	42:02	42:01	-2	0.983	1256655	231114	368	920	628	1.24(1.05-1.43)	
PCB-162											
359.8415	42:20	42:20	-2	0.990	1358340	247517	715	1787	346		
361.8385	42:20	42:20	-2	0.990	1102324	193805	368	920	527	1.23(1.05-1.43)	
PCB-167											
359.8415	42:48	42:47	-2	1.001	1310497	241893	715	1787	338		
361.8385	42:48	42:47	-2	1.001	1059852	195716	368	920	532	1.24(1.05-1.43)	
PCB-156											
359.8415	43:57	43:57	-2	1.001	2485640	332151	715	1787	465		
361.8385	43:57	43:57	-2	1.001	1981270	264993	368	920	720	1.25(1.05-1.43)	
PCB-157 (C156)											
359.8415	43:57	43:57	-2	1.001	2485640	332151	715	1787	465		
361.8385	43:57	43:57	-2	1.001	1981270	264993	368	920	720	1.25(1.05-1.43)	
PCB-169											
359.8415	47:11	47:11	-2	1.000	1466276	254911	715	1787	357		
361.8385	47:11	47:11	-2	1.000	1180684	206199	368	920	560	1.24(1.05-1.43)	
PCB-188L											
405.8428	37:11	37:11	-2	0.820	1738027	332065	46	115	7219		
407.8398	37:11	37:11	-2	0.820	1642685	310238	92	230	3372	1.06(0.89-1.21)	
PCB-180L											
405.8428	45:19	45:22	-2		1501605	287443	46	115	6249		
407.8398	45:19	45:22	-2		1360801	256212	92	230	2785	1.10(0.89-1.21)	
PCB-170L											
405.8428	46:34	46:34	-2	1.028	1177670	212982	46	115	4630		
407.8398	46:34	46:34	-2	1.028	1093819	199631	92	230	2170	1.08(0.89-1.21)	
PCB-189L											
405.8428	49:42	49:41	-2	1.096	2526393	469323	1834	4585	256		
407.8398	49:42	49:41	-2	1.096	2365951	430407	1781	4452	242	1.07(0.89-1.21)	
PCB-188											
393.8025	37:12	37:12	-2	1.001	948706	181698	30	75	6057		
395.7995	37:12	37:12	-2	1.001	895401	178748	6	15	29791	1.06(0.89-1.21)	
PCB-179											
393.8025	37:33	37:33	-2	1.010	1027350	194335	30	75	6478		
395.7995	37:33	37:33	-2	1.010	968301	181294	6	15	30216	1.06(0.89-1.21)	
PCB-184											
393.8025	38:04	38:02	-2	1.024	1006550	196433	30	75	6548		
395.7995	38:03	38:02	-2	1.024	949113	182308	6	15	30385	1.06(0.89-1.21)	
PCB-176											
393.8025	38:25	38:26	-3	1.033	937034	175708	30	75	5857		
395.7995	38:25	38:26	-2	1.034	880419	167960	6	15	27993	1.06(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-186											
393.8025	38:52	38:52	-2	1.046	1098915	199546	30	75	6652		
395.7995	38:52	38:52	-2	1.046	1050535	197307	6	15	32885	1.05(0.89-1.21)	
PCB-178											
393.8025	40:16	40:16	-2	1.083	684892	128257	30	75	4275		
395.7995	40:16	40:16	-2	1.083	654160	122697	6	15	20450	1.05(0.89-1.21)	
PCB-175											
393.8025	40:54	40:54	-2	1.100	705404	133652	30	75	4455		
395.7995	40:54	40:54	-2	1.100	679067	133178	6	15	22196	1.04(0.89-1.21)	
PCB-187											
393.8025	41:10	41:09	-1	1.107	904069	170833	30	75	5694		
395.7995	41:10	41:09	-1	1.107	841777	155948	6	15	25991	1.07(0.89-1.21)	
PCB-182											
393.8025	41:22	41:22	-2	1.113	913959	176274	30	75	5876		
395.7995	41:21	41:22	-3	1.112	856031	159285	6	15	26548	1.07(0.89-1.21)	
PCB-183											Ma
393.8025	41:47	41:47	-1	1.124	1511737	159111	30	75	5304		M
395.7995	41:47	41:47	-1	1.124	1397806	147589	6	15	24598	1.08(0.89-1.21)	
PCB-185 (C183)											Ma
393.8025	41:47	41:47	-1	1.124	1511737	159111	30	75	5304		M
395.7995	41:47	41:47	-1	1.124	1397806	147589	6	15	24598	1.08(0.89-1.21)	
PCB-174											
393.8025	42:01	42:00	-2	1.130	794257	147628	30	75	4921		
395.7995	42:01	42:00	-2	1.130	715240	133617	6	15	22270	1.11(0.89-1.21)	
PCB-177											
393.8025	42:27	42:26	-2	1.142	759954	135087	30	75	4503		
395.7995	42:27	42:26	-2	1.142	725154	133328	6	15	22221	1.05(0.89-1.21)	
PCB-181											
393.8025	42:50	42:50	-2	1.152	817454	152948	30	75	5098		
395.7995	42:50	42:50	-2	1.152	775772	149854	6	15	24976	1.05(0.89-1.21)	
PCB-171											
393.8025	43:03	43:03	-2	1.158	1402706	230328	30	75	7678		
395.7995	43:03	43:03	-2	1.158	1328476	214585	6	15	35764	1.06(0.89-1.21)	
PCB-173 (C171)											
393.8025	43:03	43:03	-2	1.158	1402706	230328	30	75	7678		
395.7995	43:03	43:03	-2	1.158	1328476	214585	6	15	35764	1.06(0.89-1.21)	
PCB-172											
393.8025	44:42	44:42	-2	0.899	718931	132803	30	75	4427		
395.7995	44:42	44:42	-2	0.899	676458	130758	6	15	21793	1.06(0.89-1.21)	
PCB-192											
393.8025	44:59	44:58	-1	0.905	1099057	202208	30	75	6740		
395.7995	44:59	44:58	-1	0.905	1028507	189494	6	15	31582	1.07(0.89-1.21)	
PCB-180											
393.8025	45:19	45:18	-2	0.912	1799392	240451	30	75	8015		
395.7995	45:19	45:18	-2	0.912	1731612	233939	6	15	38990	1.04(0.89-1.21)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-193 (C180)											
393.8025	45:19	45:18	-2	0.912	1799392	240451	30	75	8015		
395.7995	45:19	45:18	-2	0.912	1731612	233939	6	15	38990	1.04(0.89-1.21)	
PCB-191											
393.8025	45:42	45:43	-2	0.920	962142	174070	30	75	5802		
395.7995	45:41	45:43	-3	0.919	927516	167588	6	15	27931	1.04(0.89-1.21)	
PCB-170											
393.8025	46:37	46:36	-1	0.938	679606	121106	30	75	4037		
395.7995	46:36	46:36	-2	0.938	653545	116888	6	15	19481	1.04(0.89-1.21)	
PCB-190											
393.8025	47:07	47:08	-2	0.948	948236	173817	30	75	5794		
395.7995	47:07	47:08	-2	0.948	933422	175091	6	15	29182	1.02(0.89-1.21)	
PCB-189											
393.8025	49:43	49:42	-2	1.001	1278135	235077	240	600	979		
395.7995	49:43	49:42	-2	1.001	1235630	223445	309	772	723	1.03(0.89-1.21)	
PCB-202L											
439.8038	42:33	42:33	-2	0.821	1315289	242480	83	207	2921		
441.8008	42:33	42:33	-2	0.821	1444992	267468	126	315	2123	0.91(0.76-1.02)	
PCB-194L											
439.8038	51:48	51:50	-2		1663511	307508	907	2267	339		
441.8008	51:48	51:50	-2		1830983	338559	984	2460	344	0.91(0.76-1.02)	
PCB-205L											
439.8038	52:17	52:16	-2	1.009	1903084	346321	907	2267	382		
441.8008	52:17	52:16	-2	1.009	2096961	382909	984	2460	389	0.91(0.76-1.02)	
PCB-202											
427.7635	42:35	42:35	-2	1.001	680330	125966	64	160	1968		
429.7606	42:35	42:35	-2	1.001	757063	138581	49	122	2828	0.90(0.76-1.02)	
PCB-201											
427.7635	43:30	43:30	-2	1.022	640066	119916	64	160	1874		
429.7606	43:30	43:30	-2	1.022	719522	134341	49	122	2742	0.89(0.76-1.02)	
PCB-204											
427.7635	44:10	44:09	-2	1.038	717784	136212	64	160	2128		
429.7606	44:10	44:09	-2	1.038	804527	148676	49	122	3034	0.89(0.76-1.02)	
PCB-197											
427.7635	44:23	44:24	-2	1.043	670566	132055	64	160	2063		
429.7606	44:23	44:24	-2	1.043	763911	147890	49	122	3018	0.88(0.76-1.02)	
PCB-200											
427.7635	44:30	44:30	-1	1.046	732303	136140	64	160	2127		
429.7606	44:30	44:30	-2	1.046	802537	148913	49	122	3039	0.91(0.76-1.02)	
PCB-198											
427.7635	47:17	47:17	-2	1.111	1201573	157104	64	160	2455		
429.7606	47:17	47:17	-2	1.111	1297048	169462	49	122	3458	0.93(0.76-1.02)	
PCB-199 (C198)											
427.7635	47:17	47:17	-2	1.111	1201573	157104	64	160	2455		
429.7606	47:17	47:17	-2	1.111	1297048	169462	49	122	3458	0.93(0.76-1.02)	

Signal	RT (min.)	Adj RT (min.)	Q Sec.	REL RT	Area	Height	Avg Noise	EDL Height	S/N	Ratio(Limits)	Flags
PCB-196											
427.7635	47:58	47:58	-2	0.917	521099	92077	64	160	1439		
429.7606	47:58	47:58	-2	0.917	582102	114753	49	122	2342	0.90(0.76-1.02)	
PCB-203											
427.7635	48:10	48:10	-2	0.921	652337	117125	64	160	1830		
429.7606	48:10	48:10	-2	0.921	734582	135128	49	122	2758	0.89(0.76-1.02)	
PCB-195											
427.7635	49:28	49:29	-2	0.946	855774	155652	133	332	1170		
429.7606	49:28	49:29	-2	0.946	962987	170235	615	1537	277	0.89(0.76-1.02)	
PCB-194											
427.7635	51:50	51:50	-2	0.991	930025	174974	133	332	1316		
429.7606	51:50	51:50	-2	0.991	1031576	183727	615	1537	299	0.90(0.76-1.02)	
PCB-205											
427.7635	52:18	52:18	-1	1.000	1070024	196656	133	332	1479		
429.7606	52:18	52:18	-1	1.000	1211960	225138	615	1537	366	0.88(0.76-1.02)	
PCB-208L											
473.7648	49:14	49:13	-1	0.950	1690713	308175	1064	2660	290		
475.7619	49:14	49:13	-1	0.950	2116461	389274	1065	2662	366	0.80(0.65-0.89)	
PCB-206L											
473.7648	54:02	54:04	-2	1.043	1104085	200353	1064	2660	188		
475.7619	54:02	54:04	-2	1.043	1350879	244980	1065	2662	230	0.82(0.65-0.89)	
PCB-208											
461.7246	49:15	49:15	-2	1.001	895697	165809	146	365	1136		
463.7216	49:15	49:15	-2	1.001	1106406	203983	743	1857	275	0.81(0.65-0.89)	
PCB-207											
461.7246	50:11	50:11	-2	1.019	859928	153272	146	365	1050		
463.7216	50:11	50:11	-2	1.019	1119180	207430	743	1857	279	0.77(0.65-0.89)	
PCB-206											
461.7246	54:03	54:03	-2	1.000	684753	125701	146	365	861		
463.7216	54:03	54:03	-2	1.000	892094	162736	743	1857	219	0.77(0.65-0.89)	
PCB-209L											
507.7258	55:40	55:39	-2	1.075	1081558	186703	98	245	1905		
509.7229	55:40	55:39	-2	1.075	1530439	266876	88	220	3033	0.71(0.59-0.79)	
DCB Decachlorobiphenyl											
495.6856	55:42	55:41	-1	1.001	540743	90969	108	270	842		
497.6826	55:41	55:41	-2	1.000	789241	140672	91	227	1546	0.69(0.59-0.79)	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

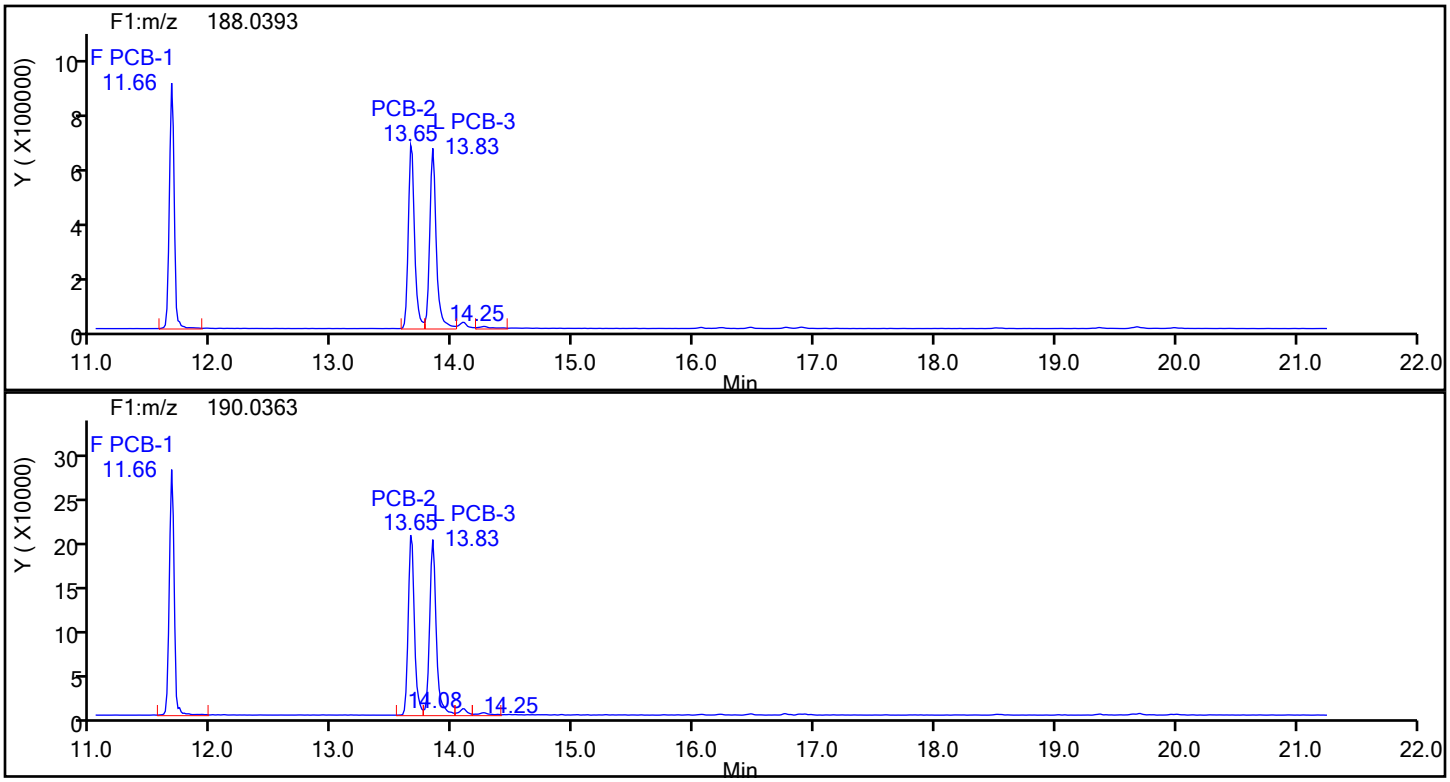
Report Date: 04-Jan-2024 00:32:39 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

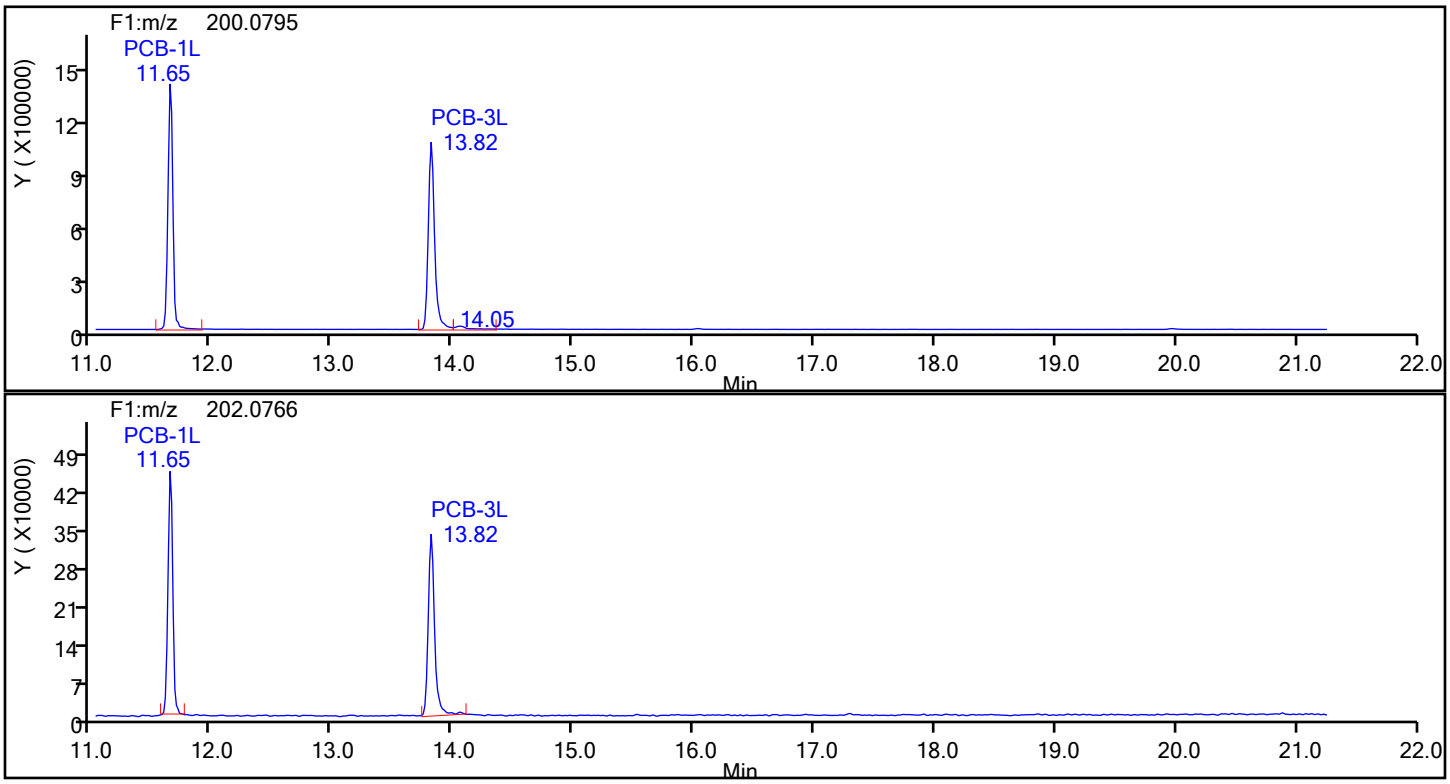
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

MoPCB F1



MoPCB F1 Standards



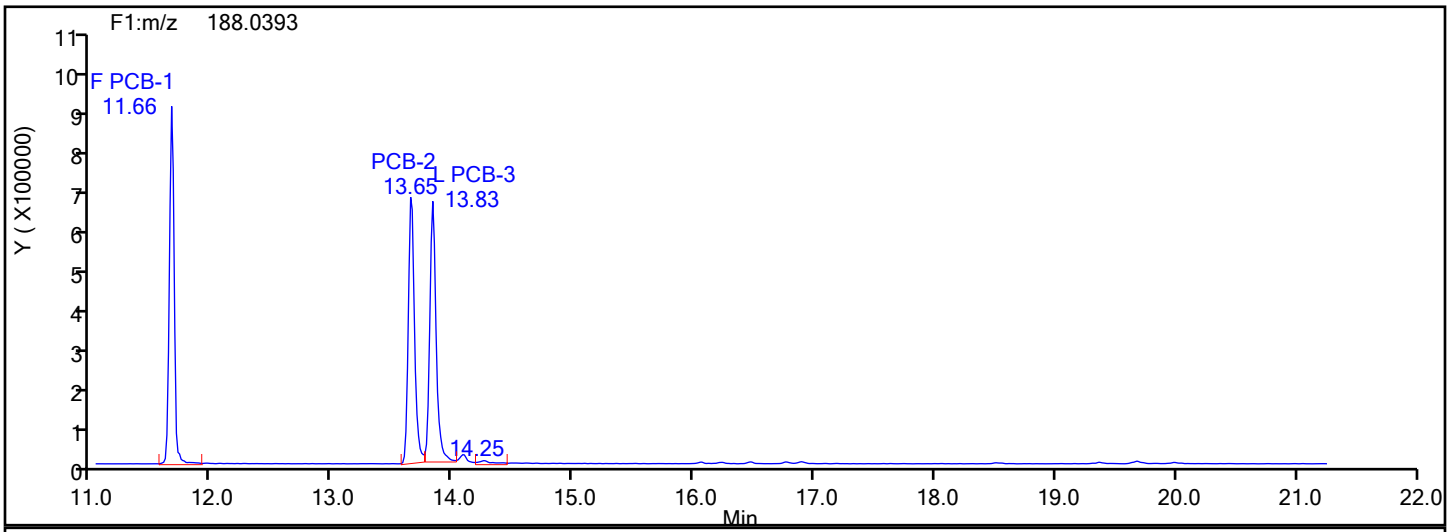
Report Date: 04-Jan-2024 00:32:39 Chrom Revision: 2.3 15-Nov-2023 20:54:34

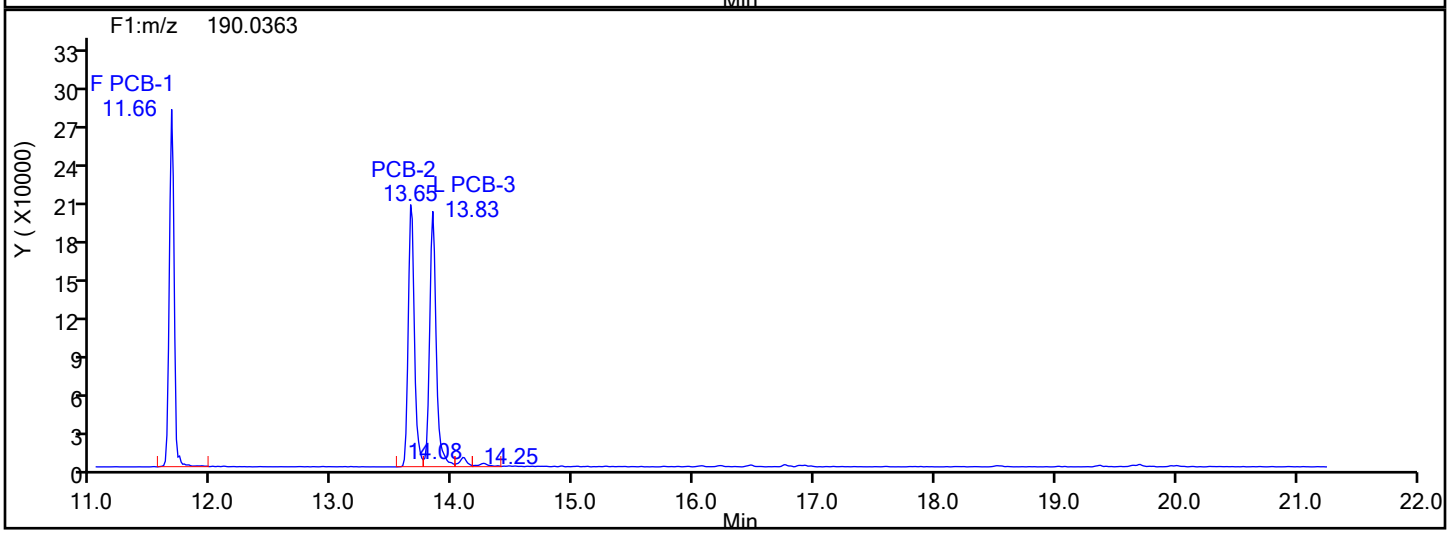
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

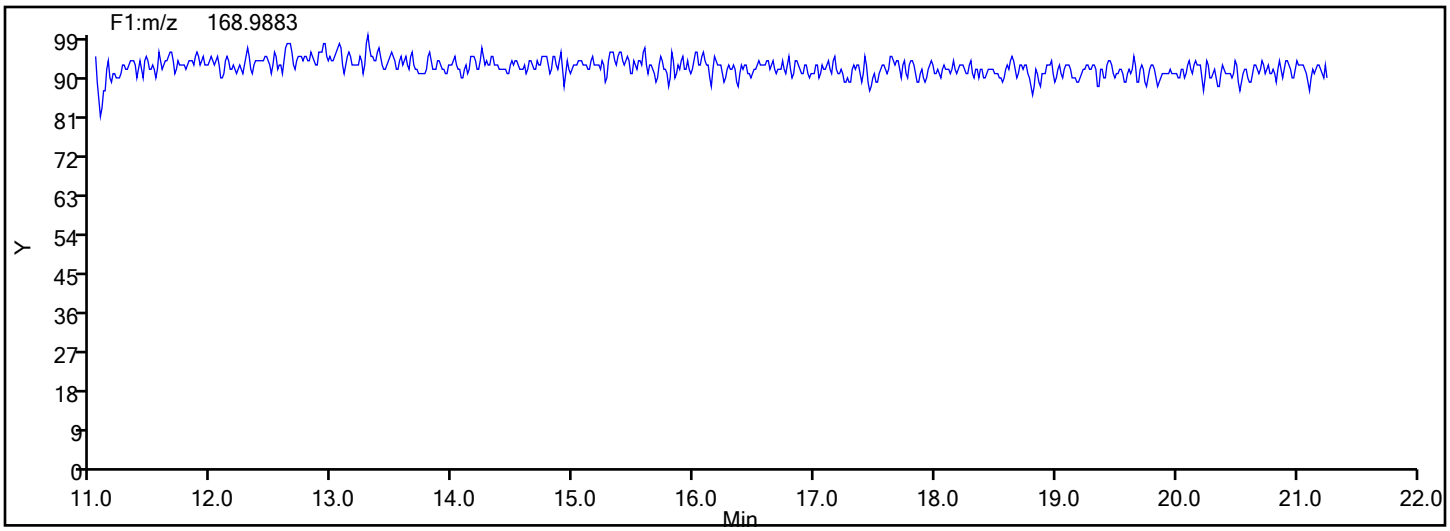
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

MoPCB F1





MoPCB F1 Lock Mass



Report Date: 04-Jan-2024 00:32:39 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
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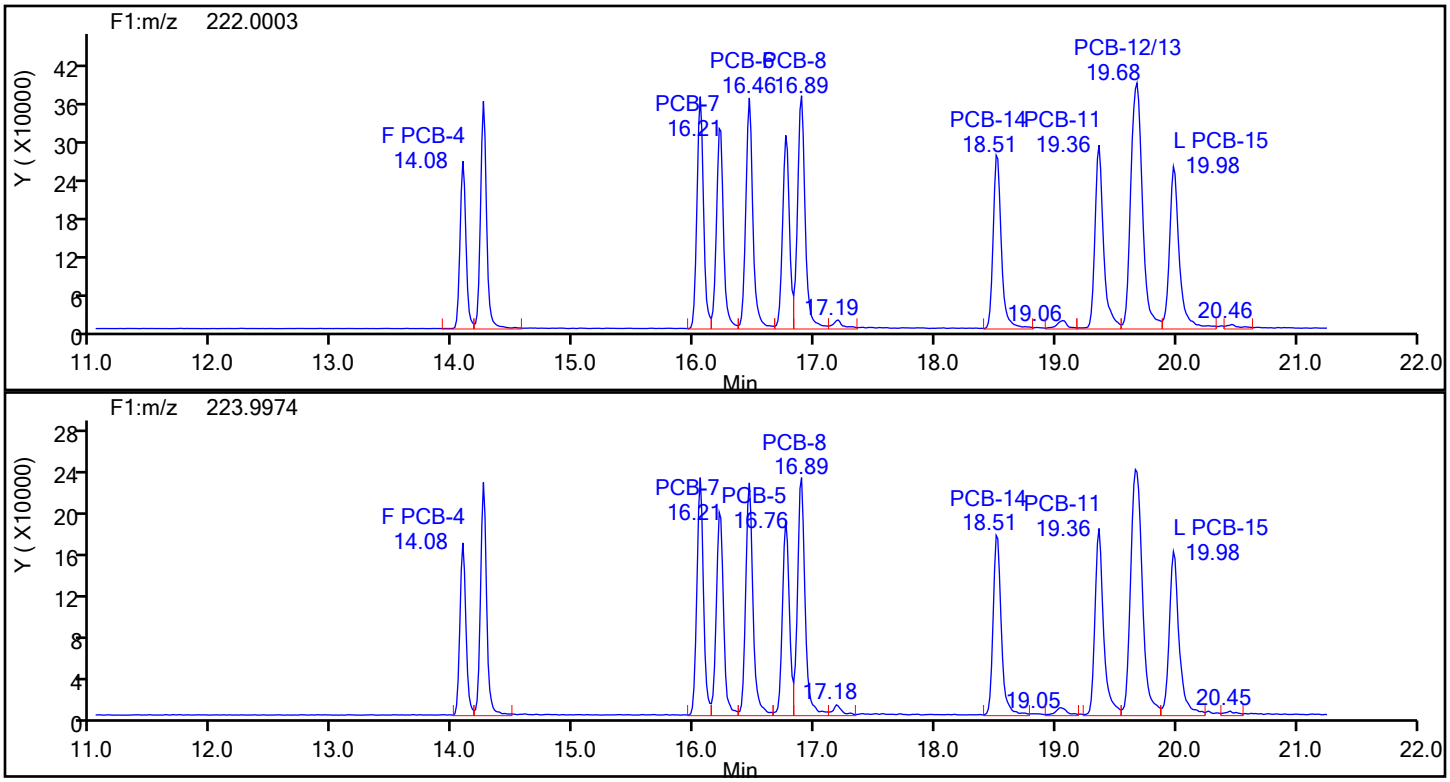
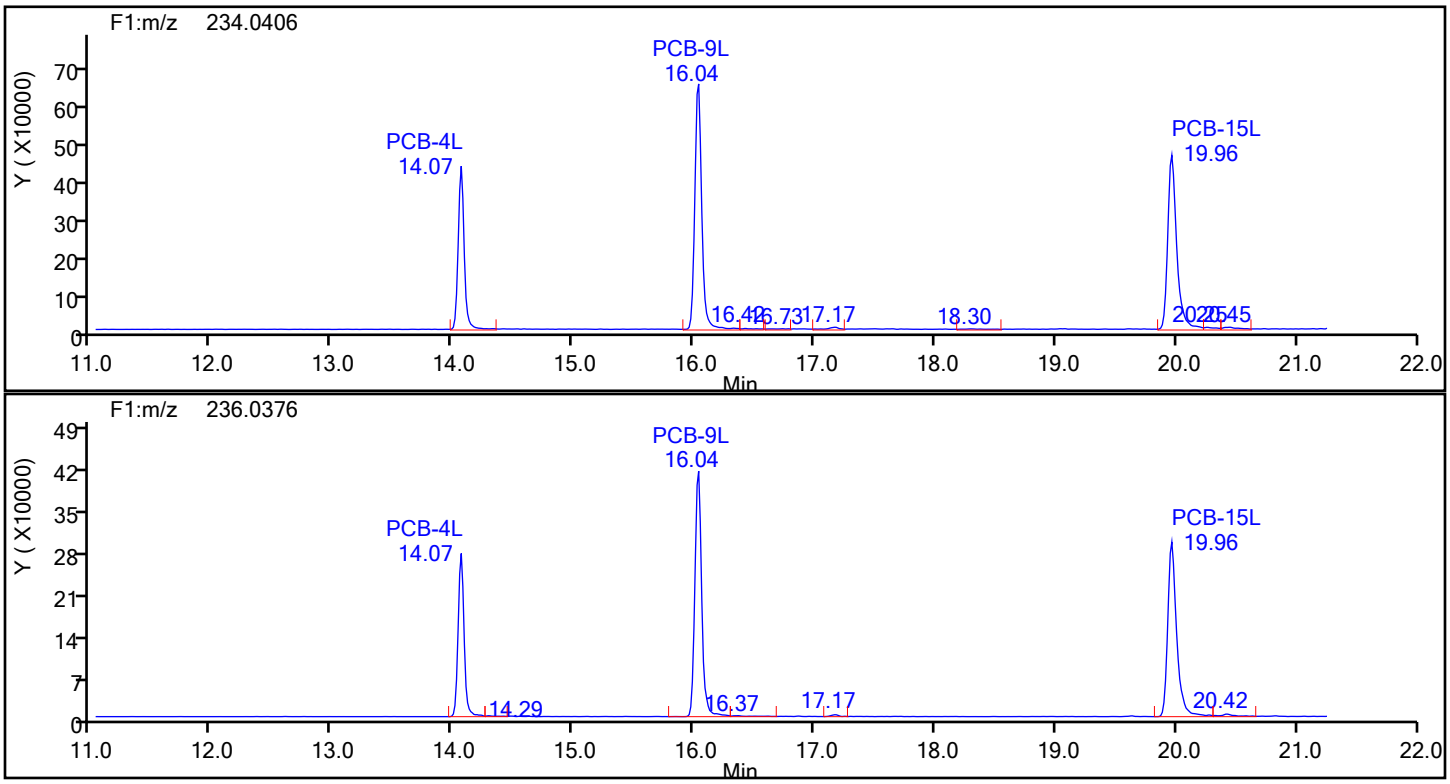
Column Type:		Column Dia:	

DiPCB F1



DiPCB F1 Standards



Report Date: 04-Jan-2024 00:32:39 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
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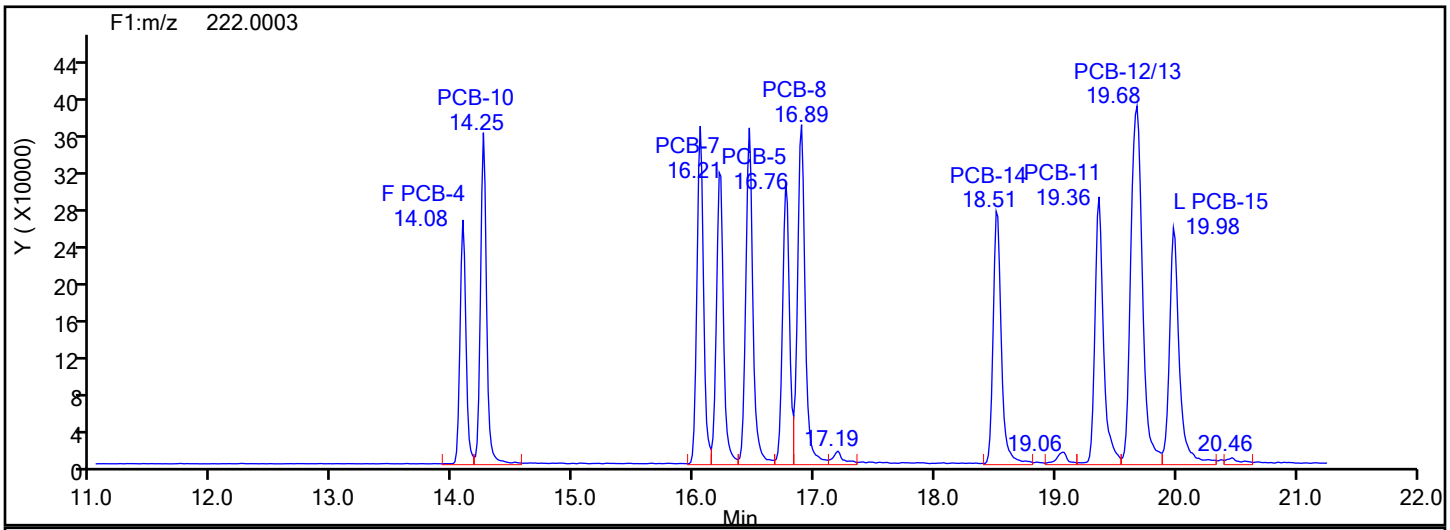
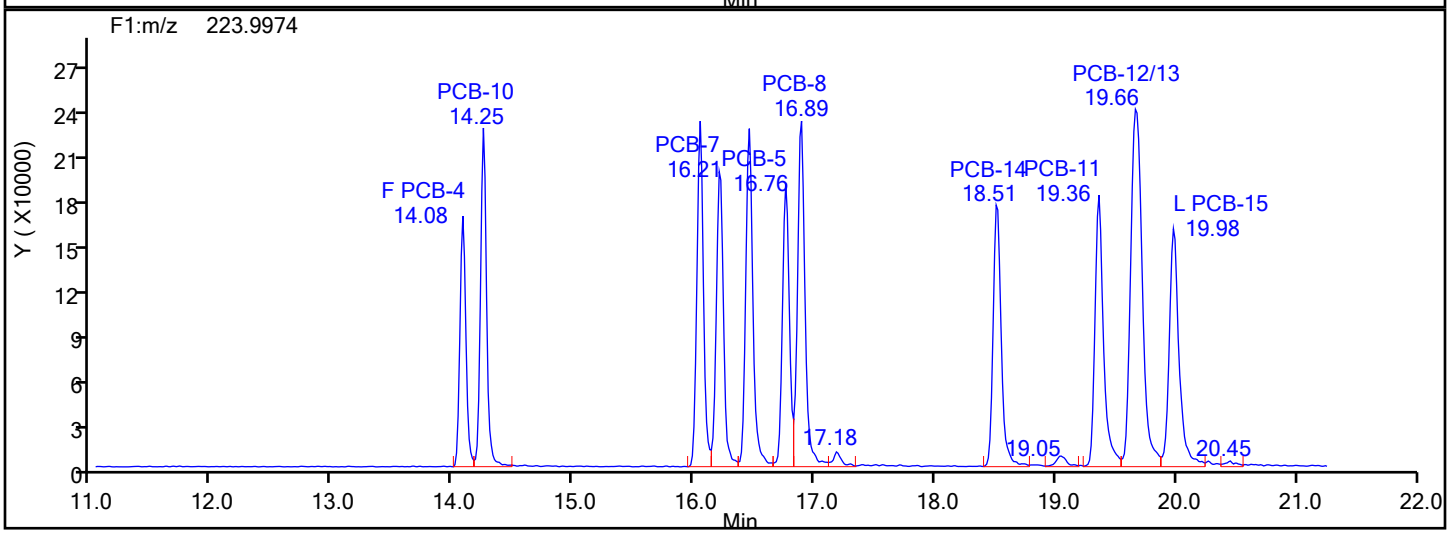
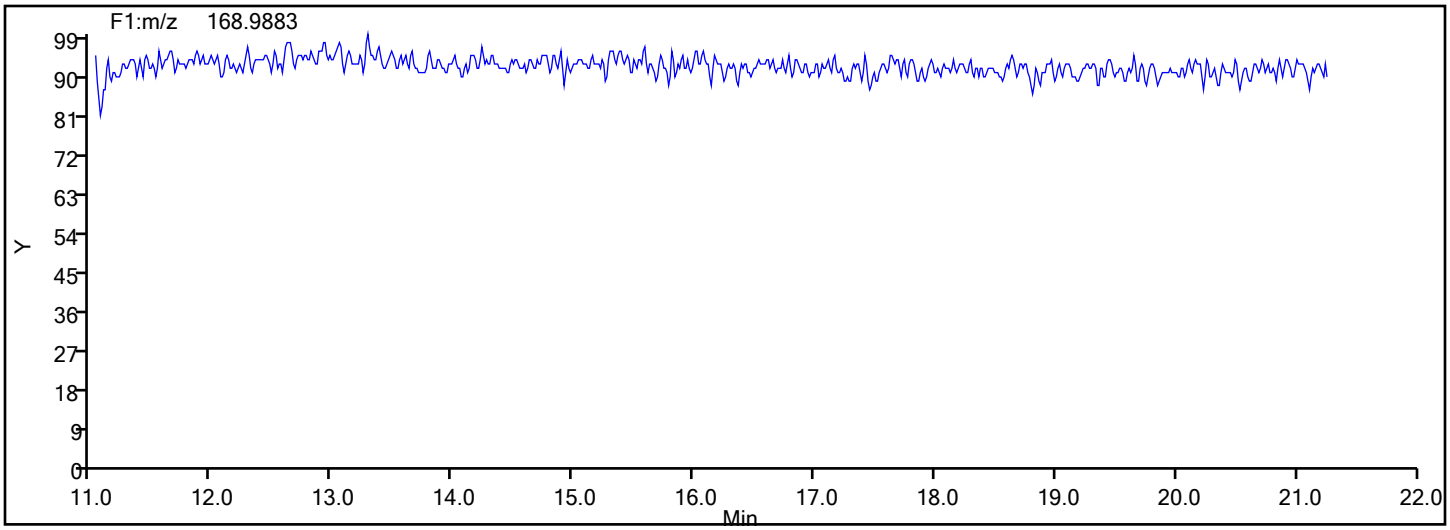
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

DiPCB F1





DiPCB F1 Lock Mass



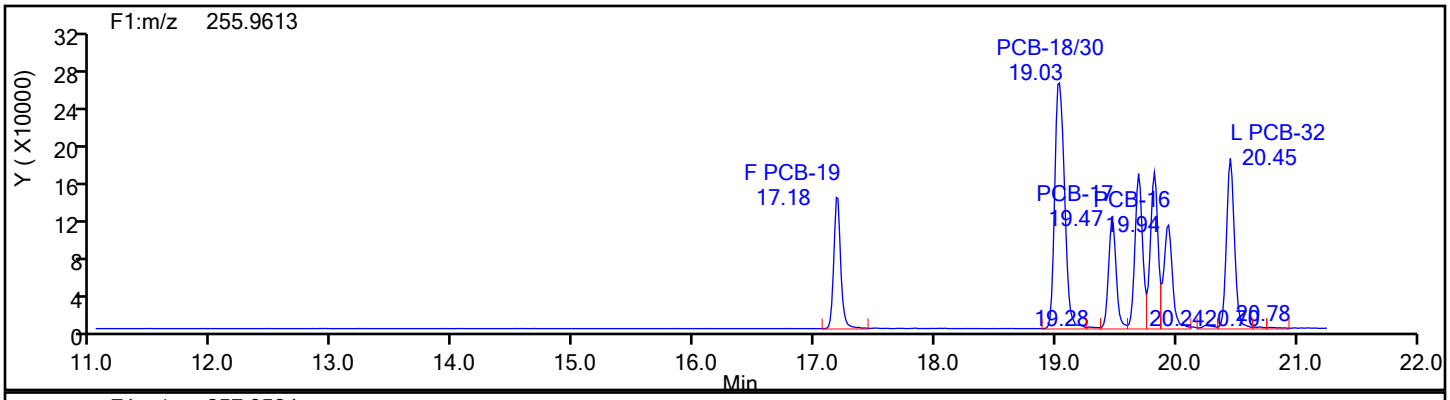
Report Date: 04-Jan-2024 00:32:39 Chrom Revision: 2.3 15-Nov-2023 20:54:34

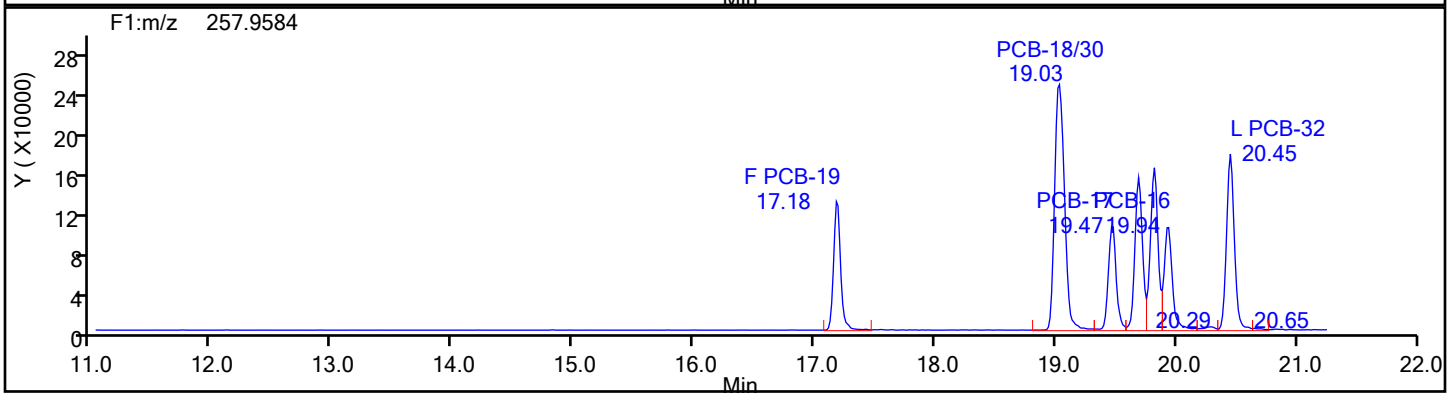
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

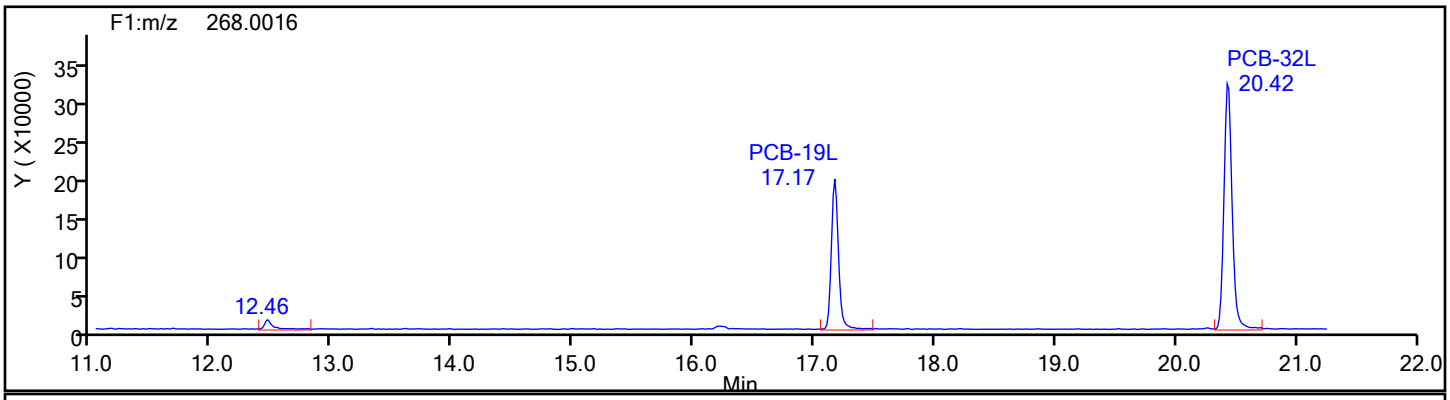
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

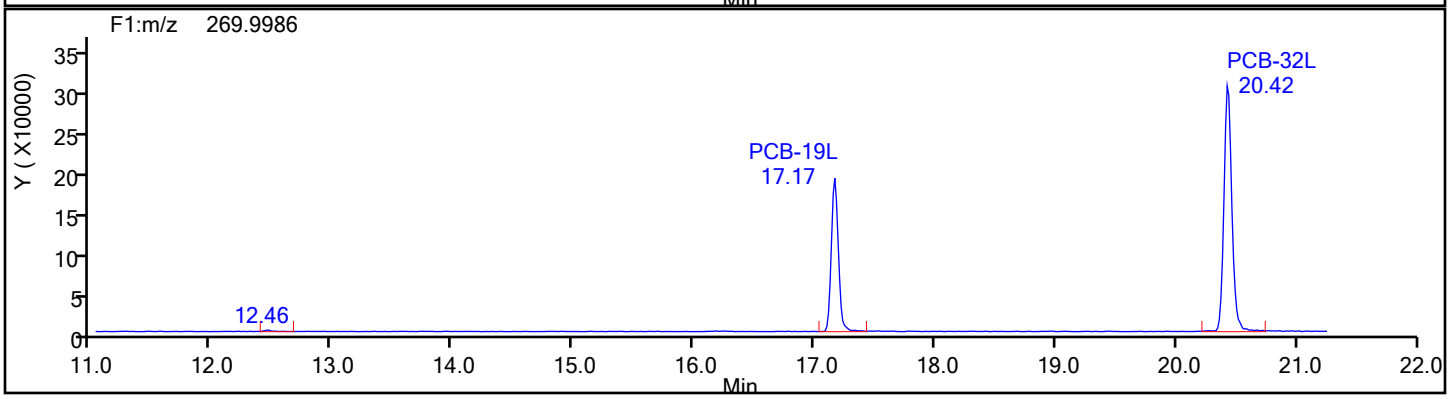
TriPCB F1





TriPCB F1 Standards





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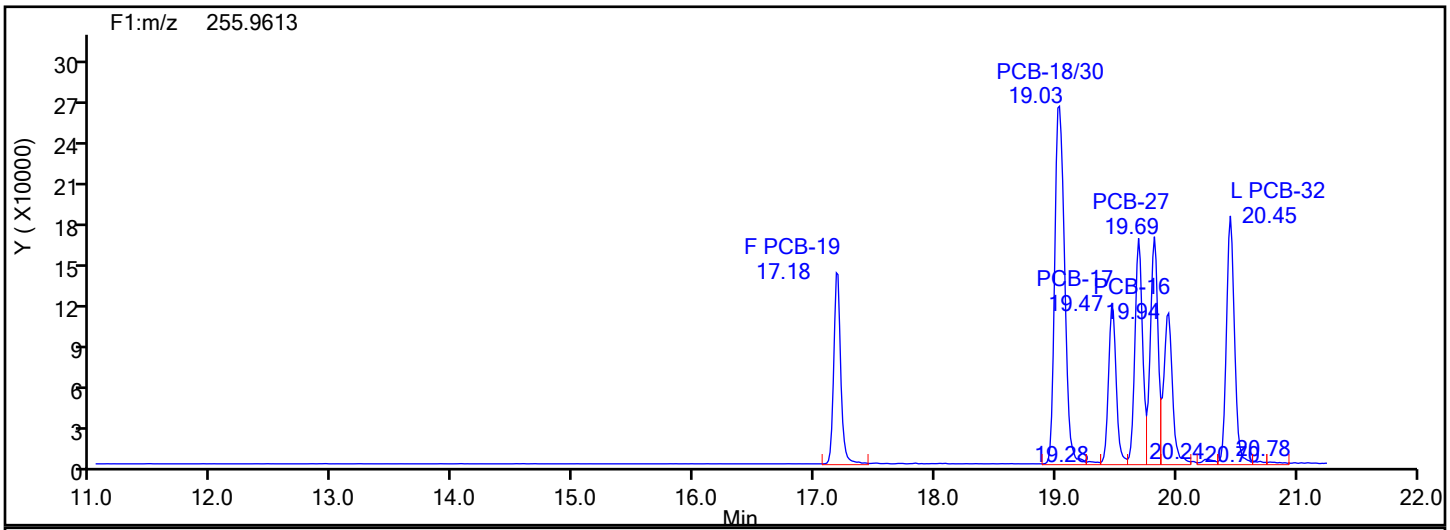
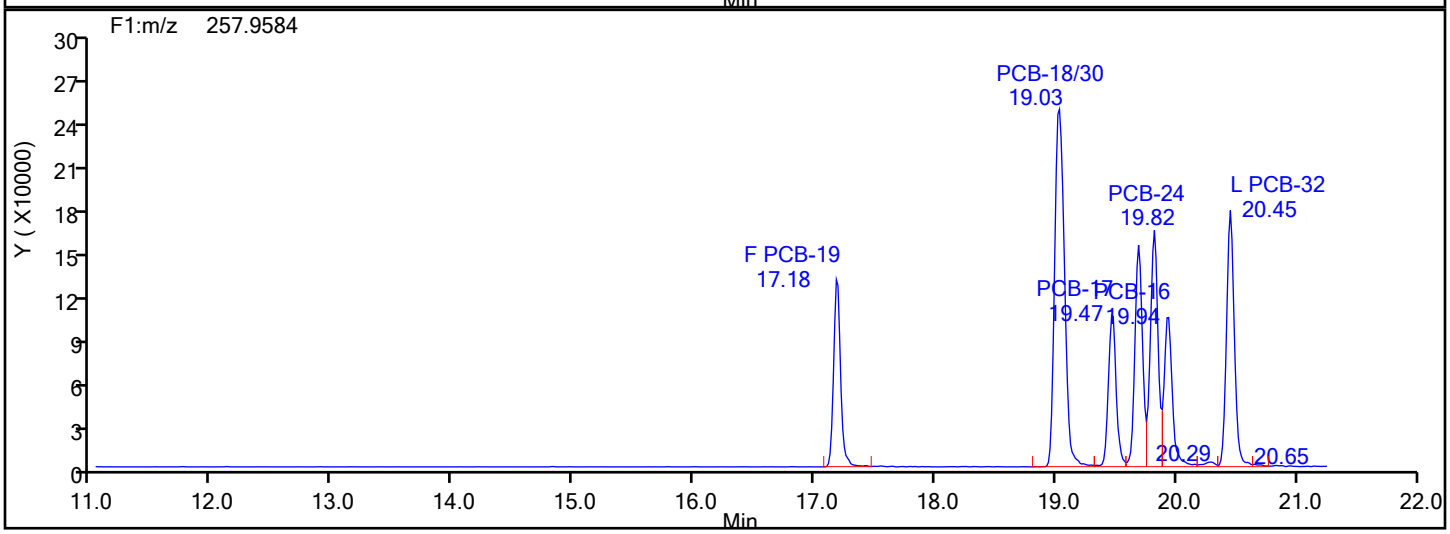
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

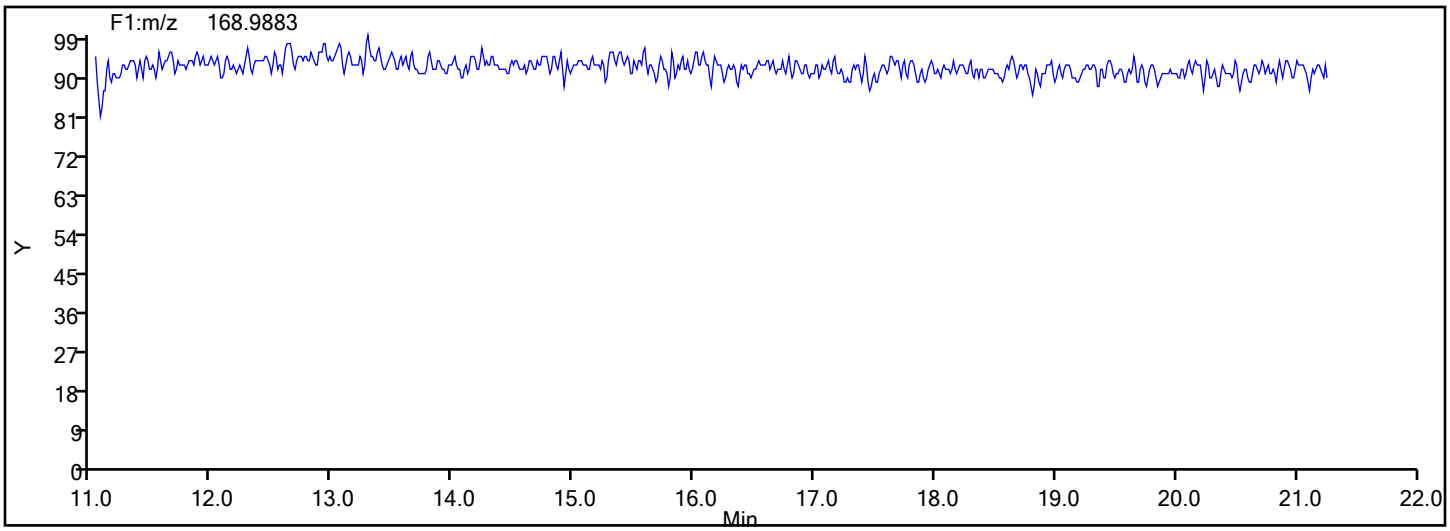
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

TriPCB F1





TriPCB F1 Lock Mass



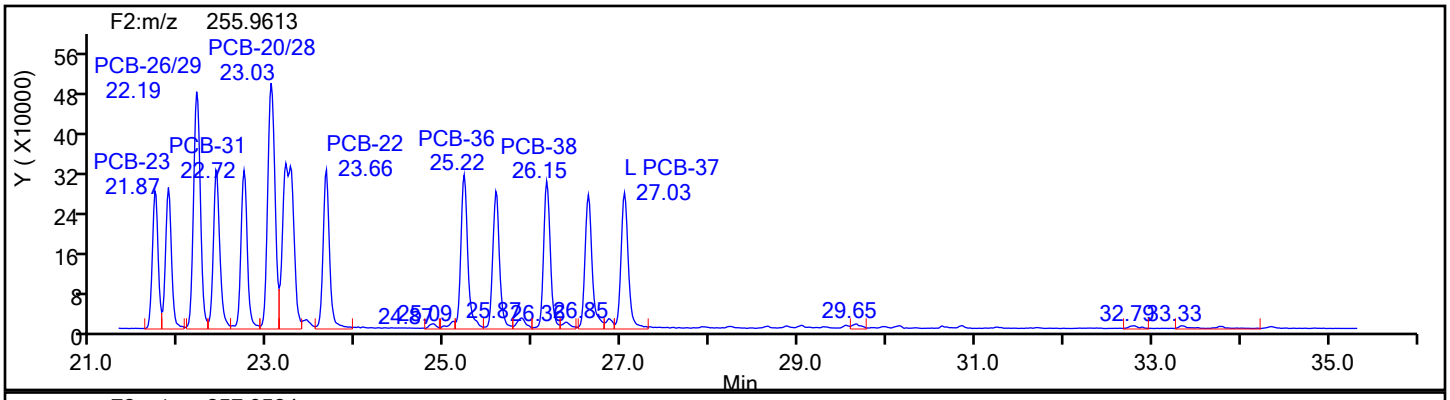
Report Date: 04-Jan-2024 00:32:39 Chrom Revision: 2.3 15-Nov-2023 20:54:34

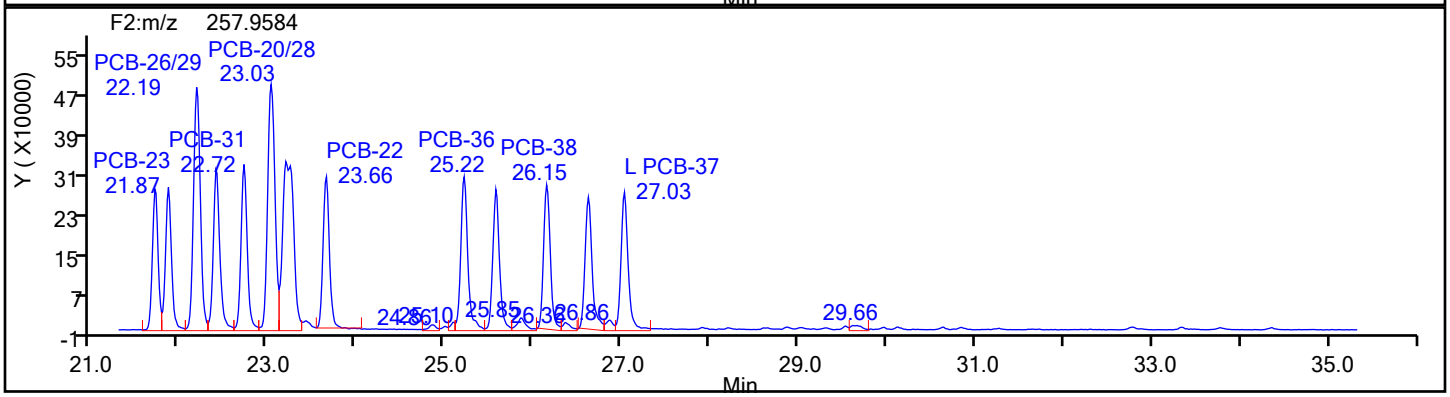
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

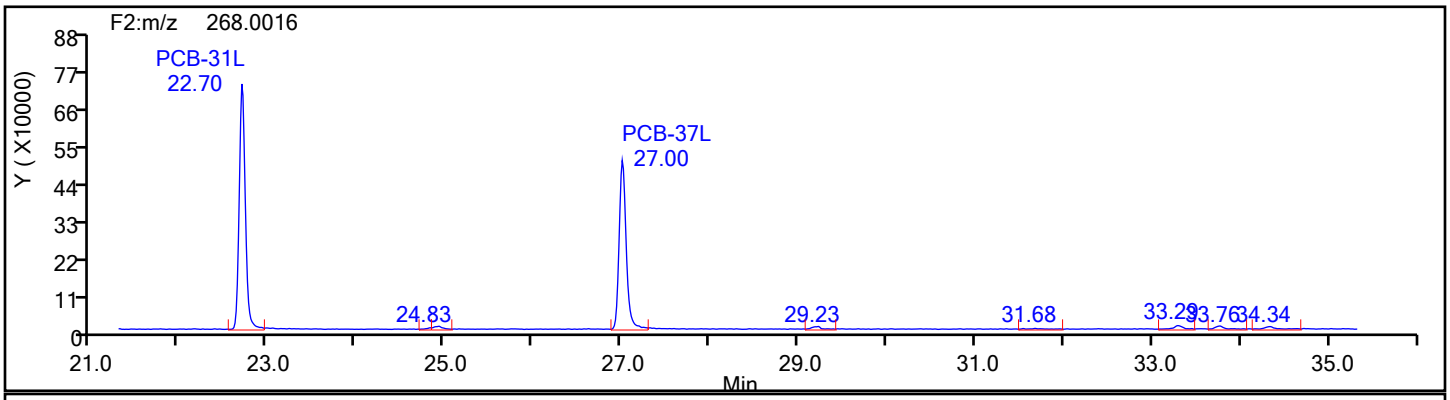
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

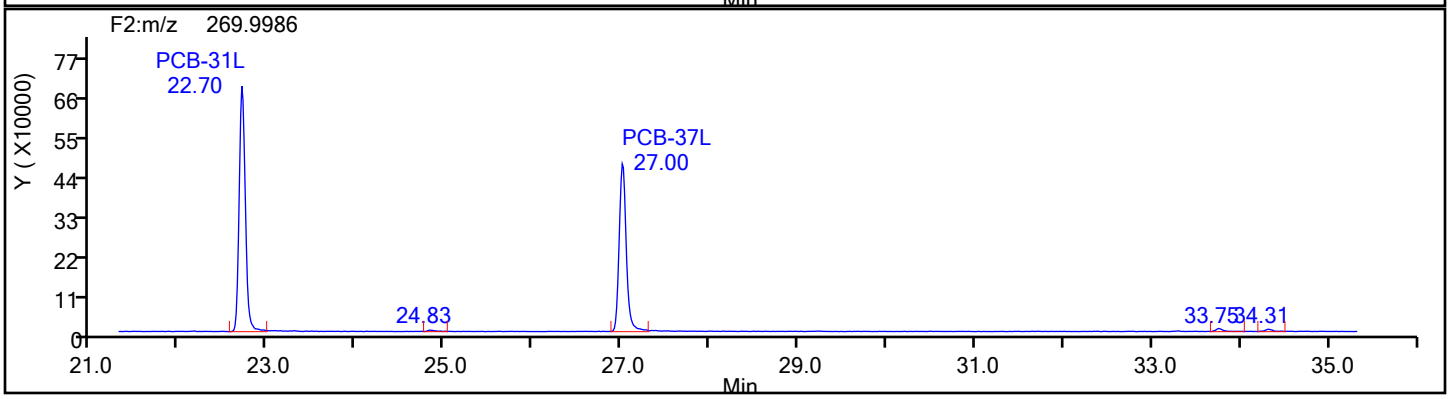
TriPCB F2





TriPCB F2 Standards



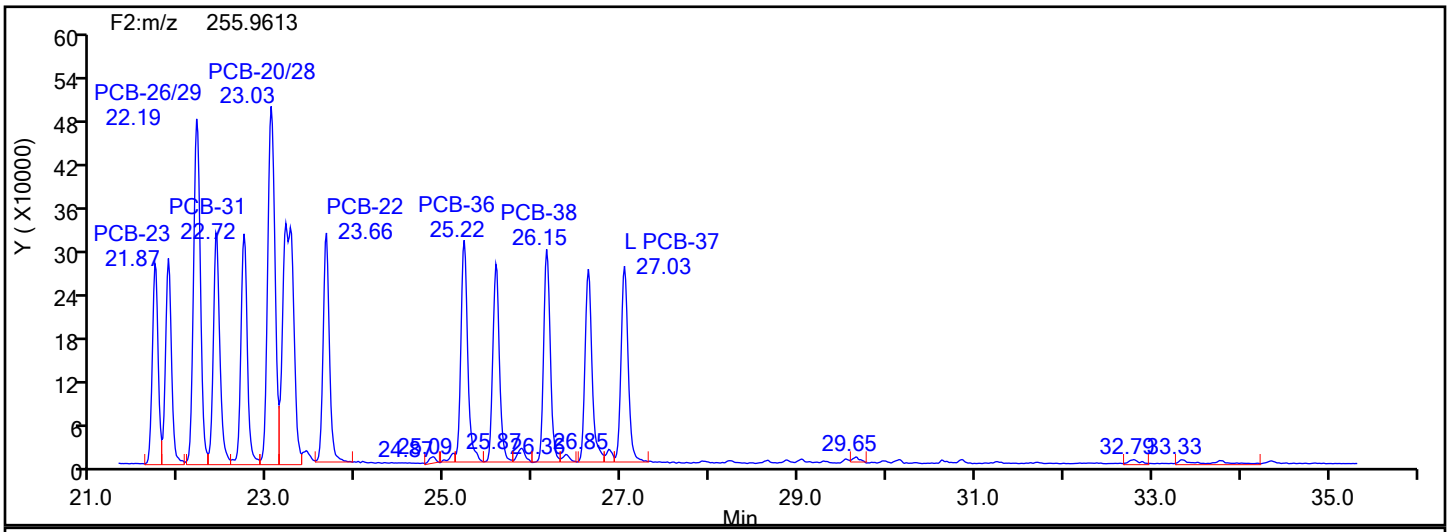


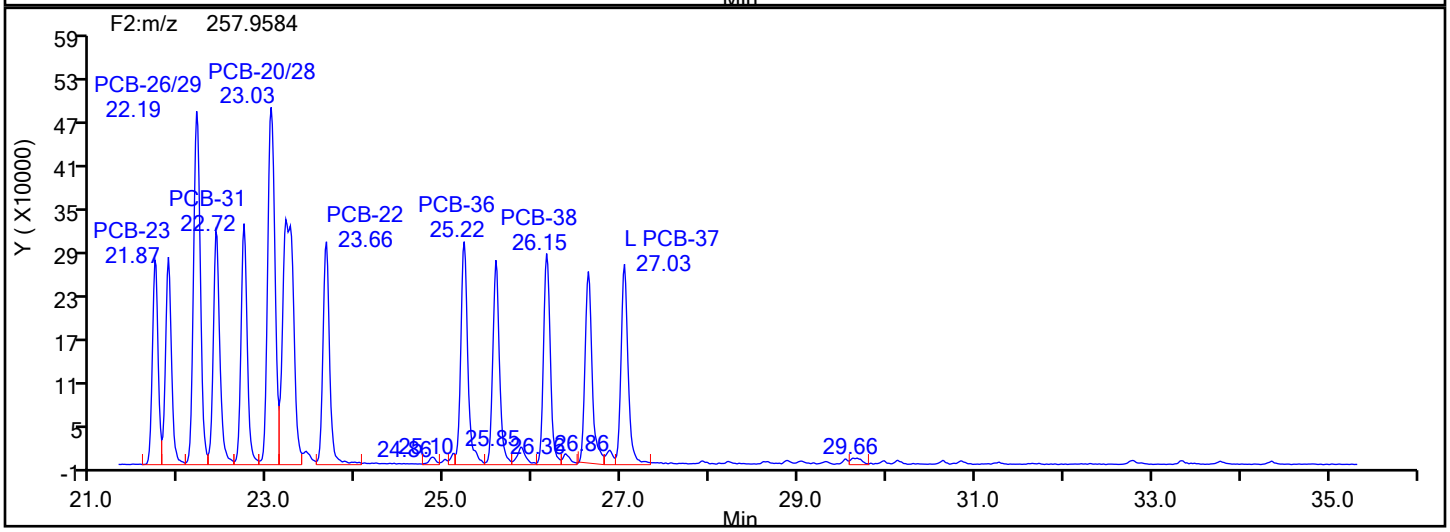
Report Date: 04-Jan-2024 00:32:39 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

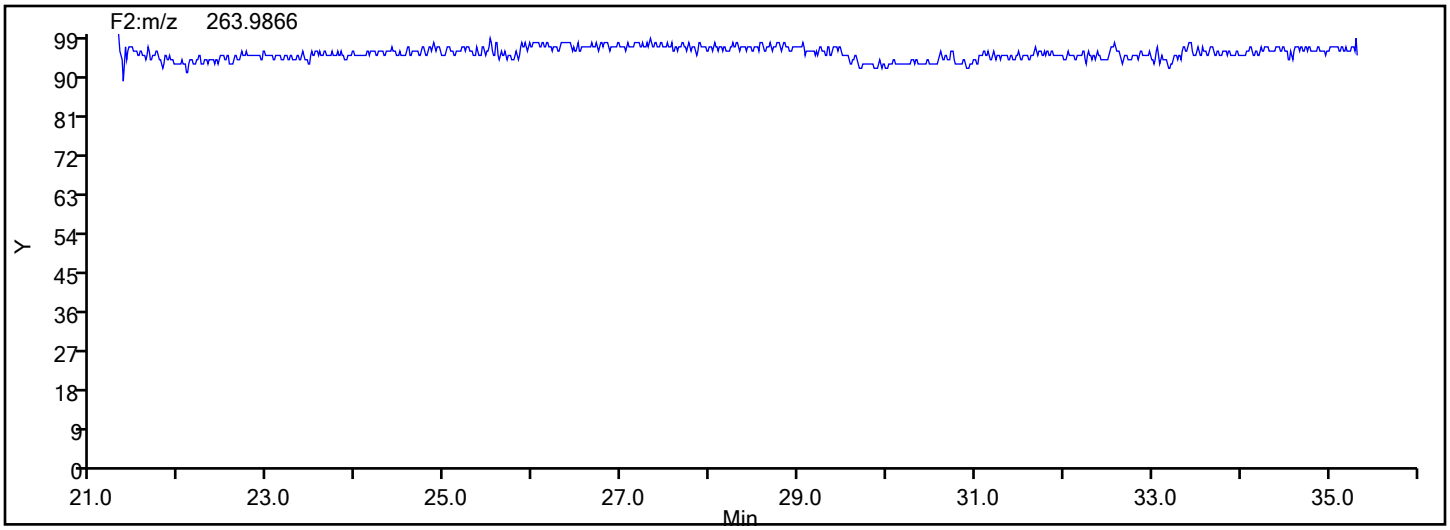
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d		
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

TriPCB F2





TriPCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

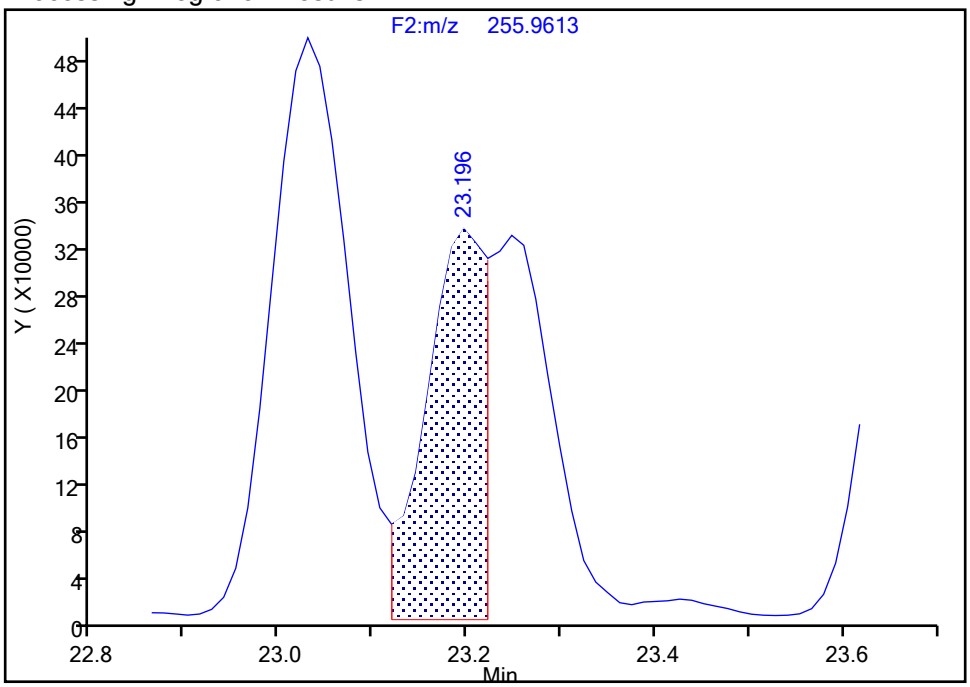
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d				
Injection Date:	03-Jan-2024 15:43:00	Instrument ID:	D2D		
Lims ID:	LCS 140-81427/18-B				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-21/33, CAS: STL01800

Signal: 1

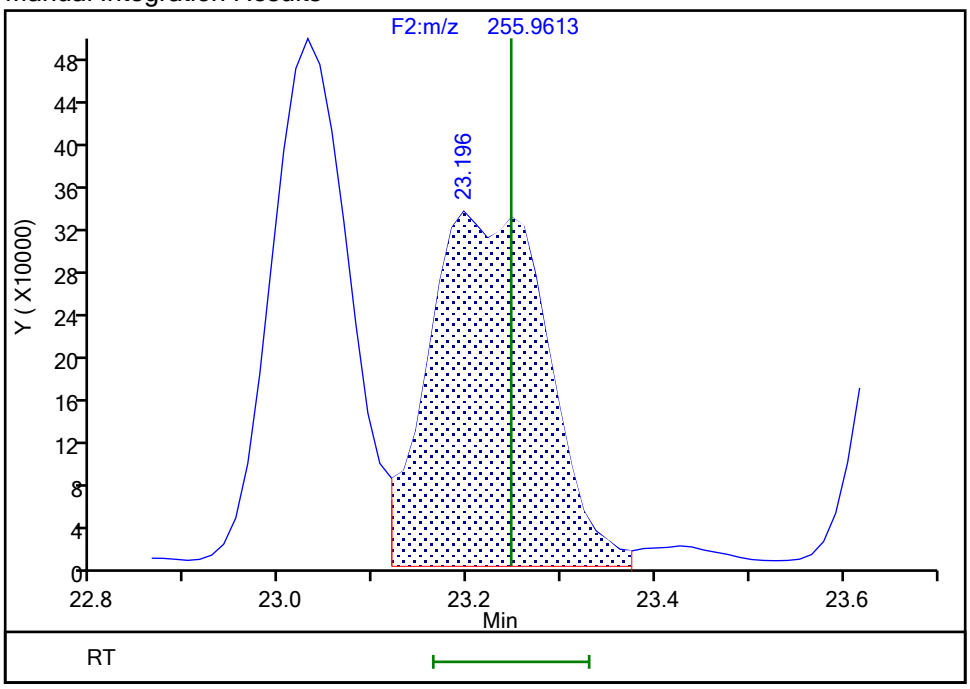
Processing Integration Results

RT: 23.20
Area: 1401296
Amount: 45.733000
Amount Units: pg/ul



Manual Integration Results

RT: 23.20
Area: 2899534
Amount: 94.673084
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:29:25 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

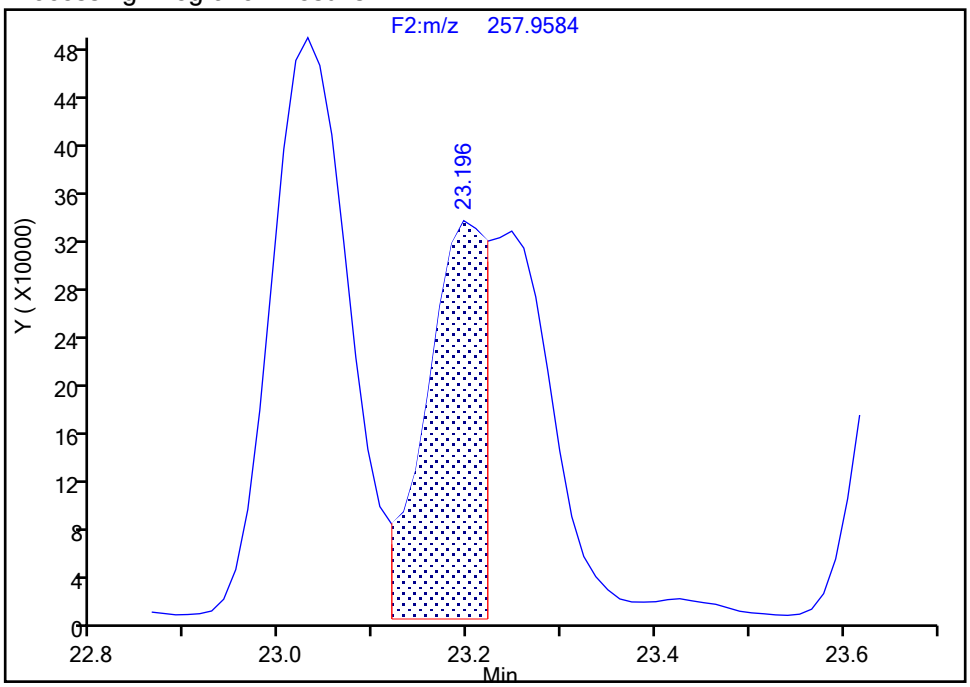
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-21/33, CAS: STL01800

Signal: 2

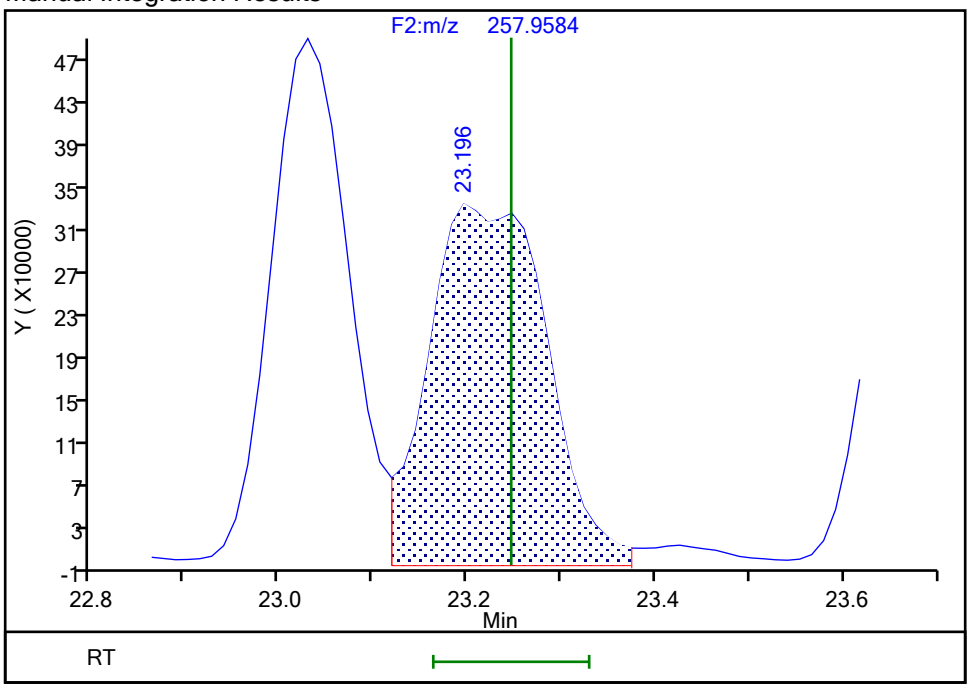
Processing Integration Results

RT: 23.20
Area: 1408336
Amount: 45.733000
Amount Units: pg/ul



Manual Integration Results

RT: 23.20
Area: 2916759
Amount: 94.673084
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:29:33 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

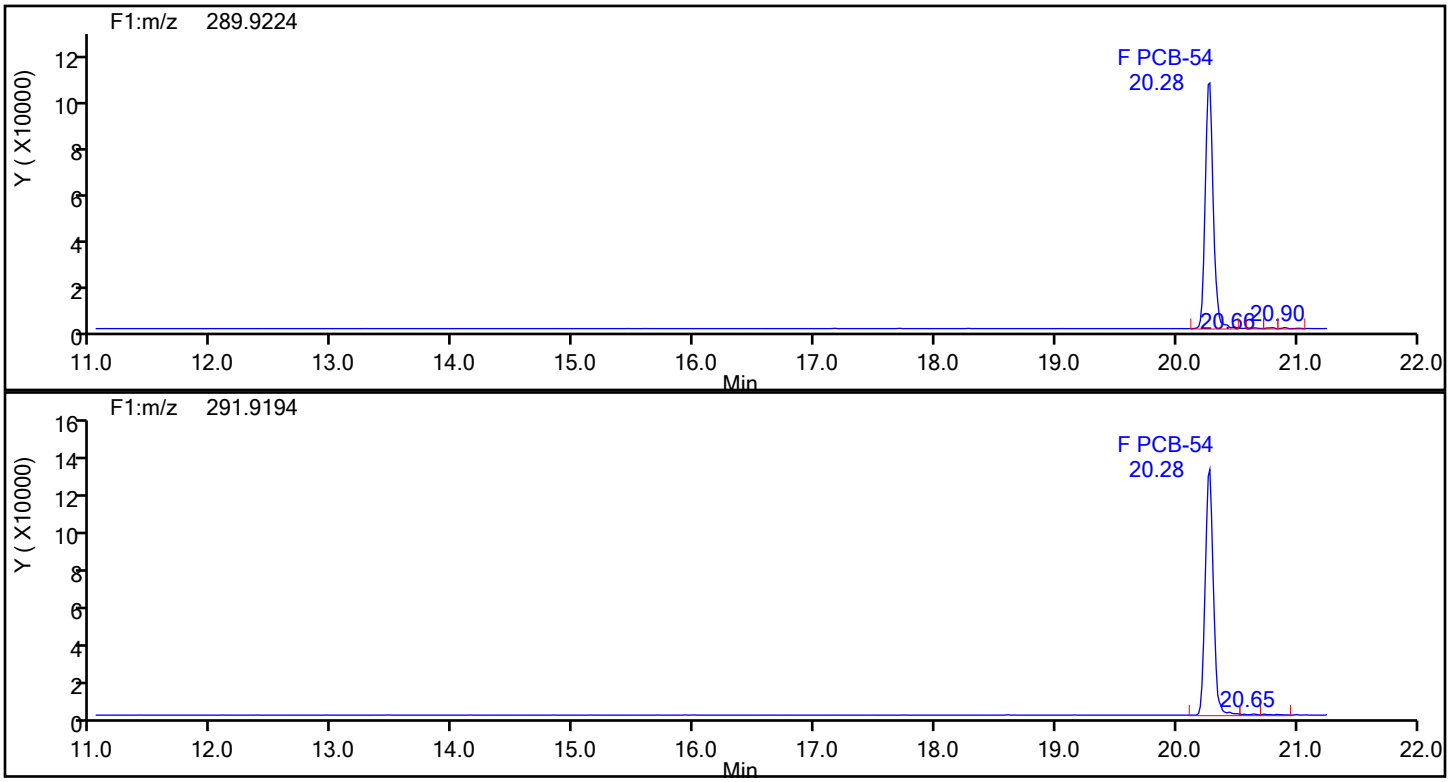
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

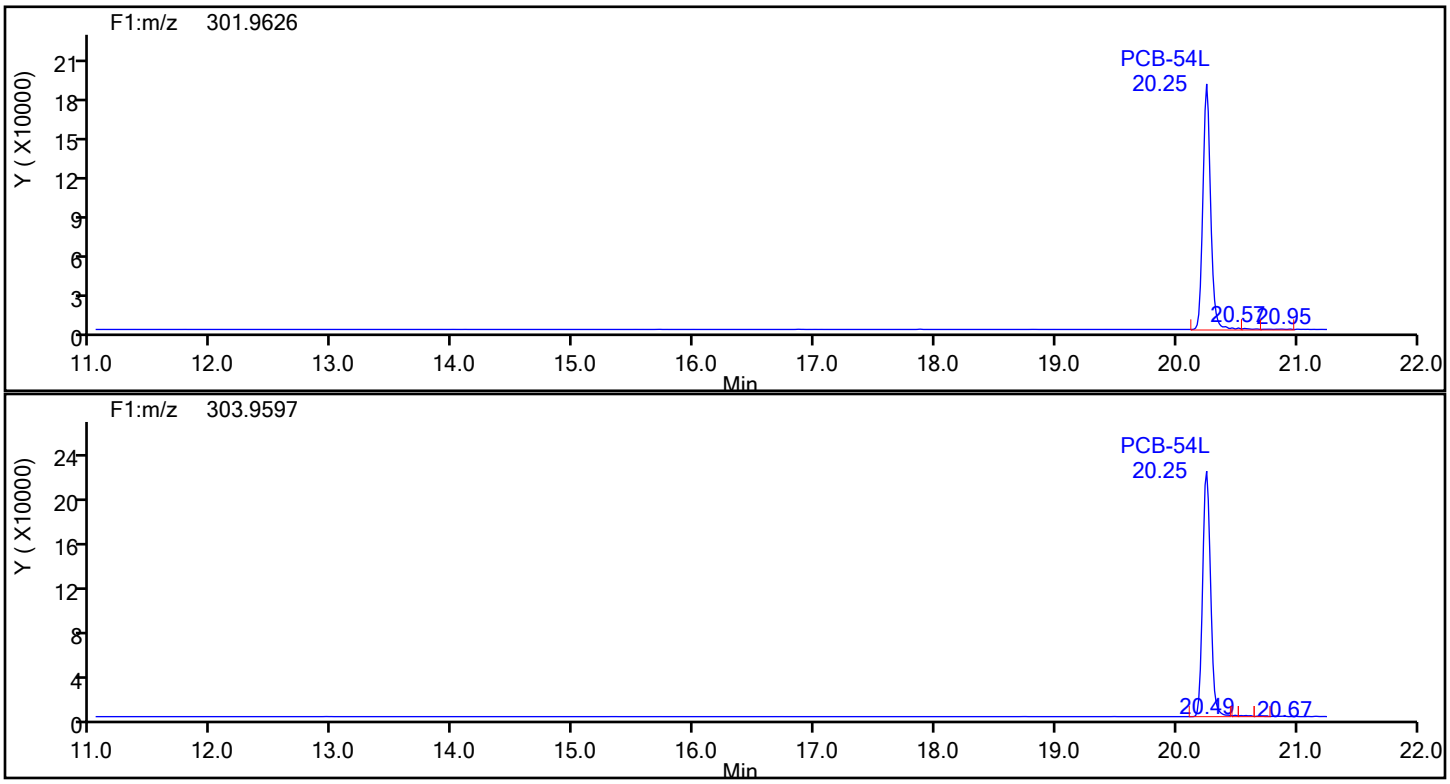
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

TePCB F1



TePCB F1 Standards

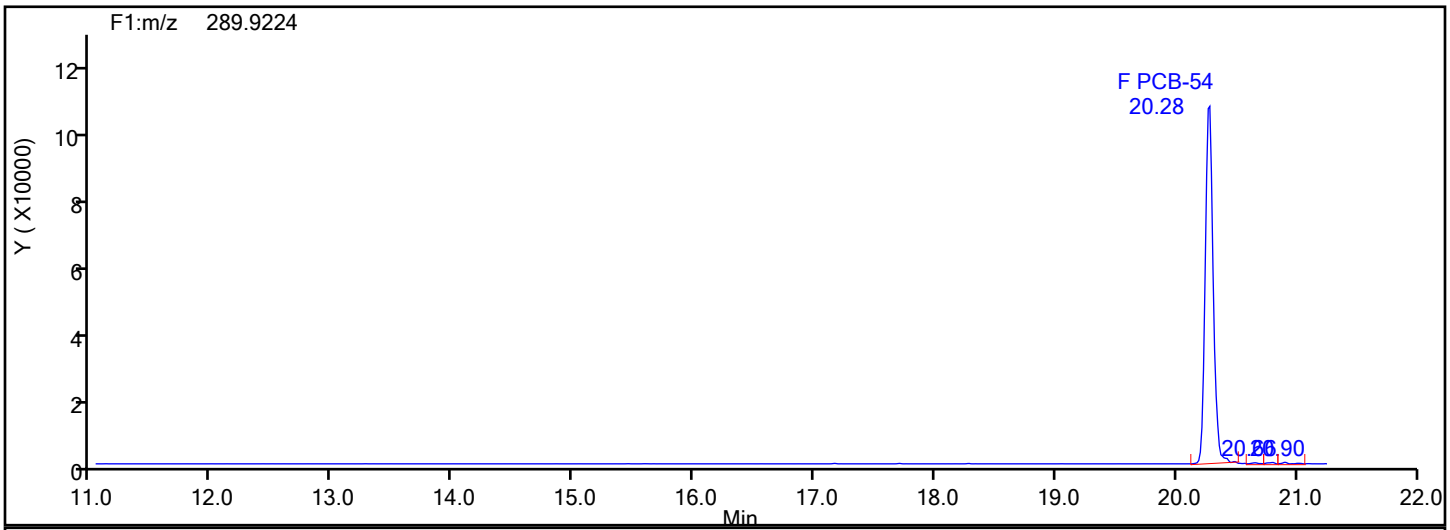


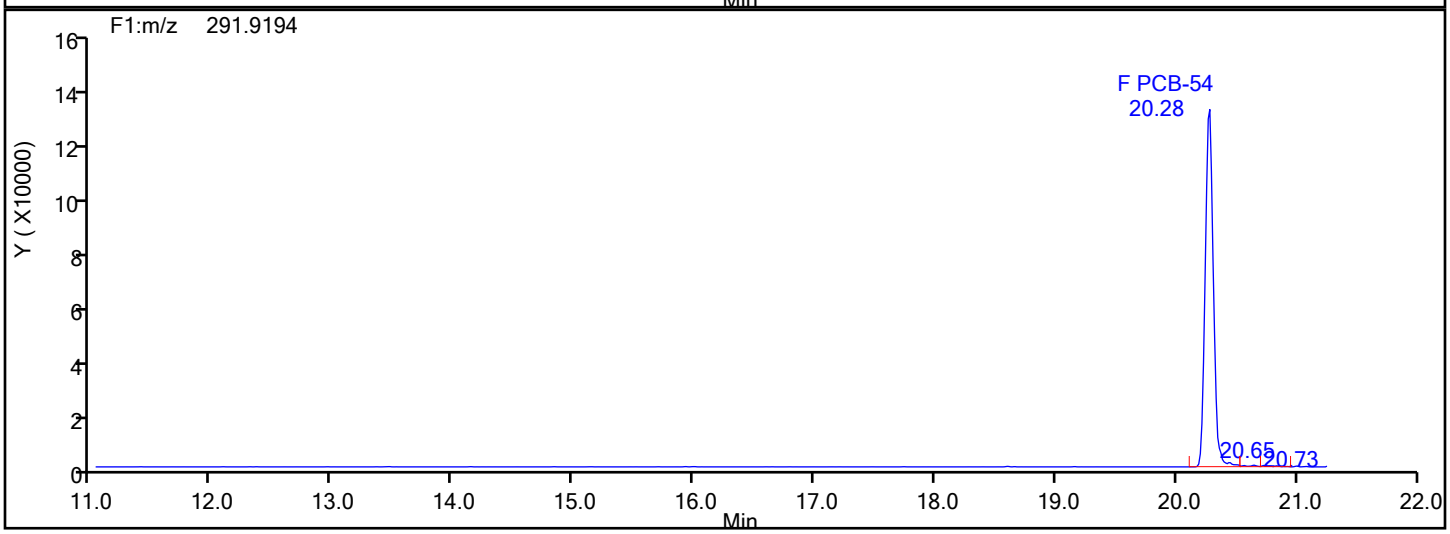
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

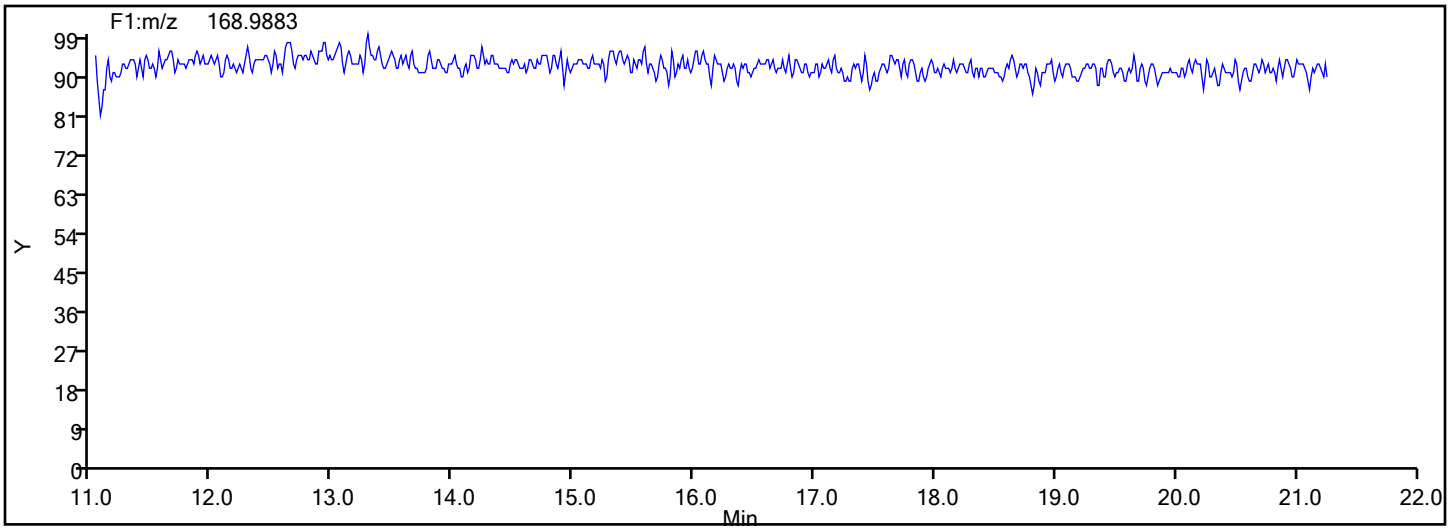
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d		
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

TePCB F1





TePCB F1 Lock Mass



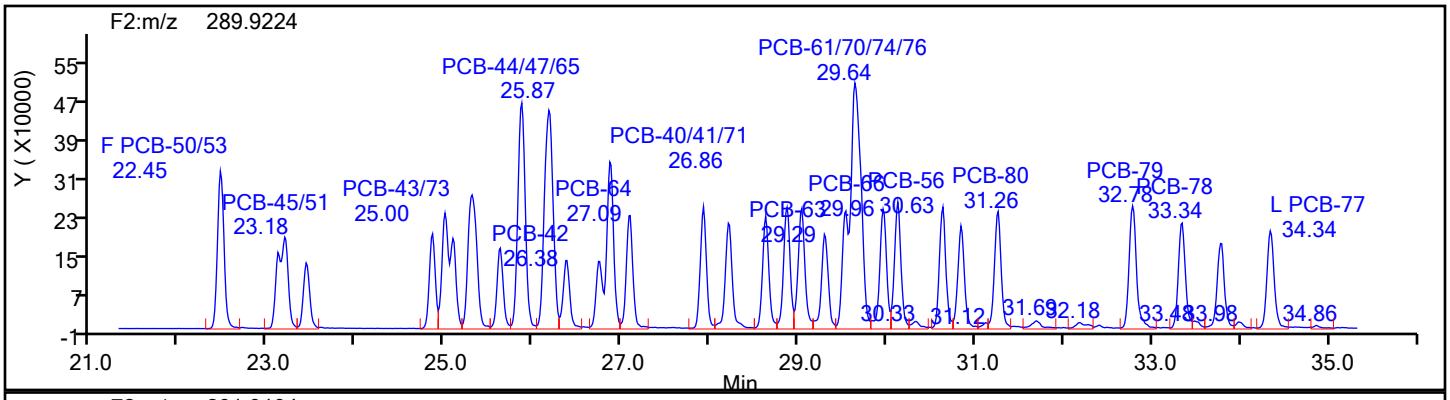
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

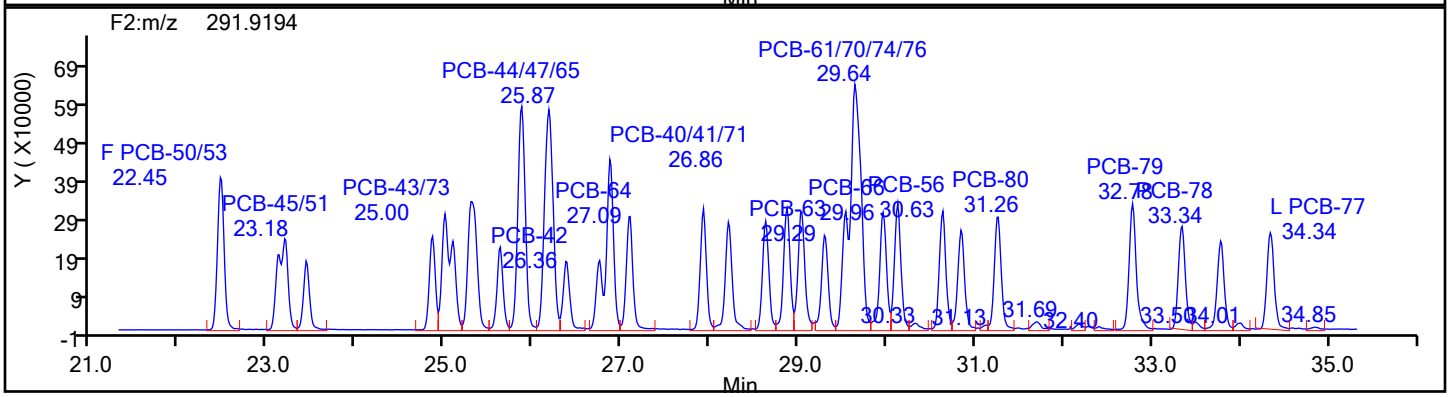
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

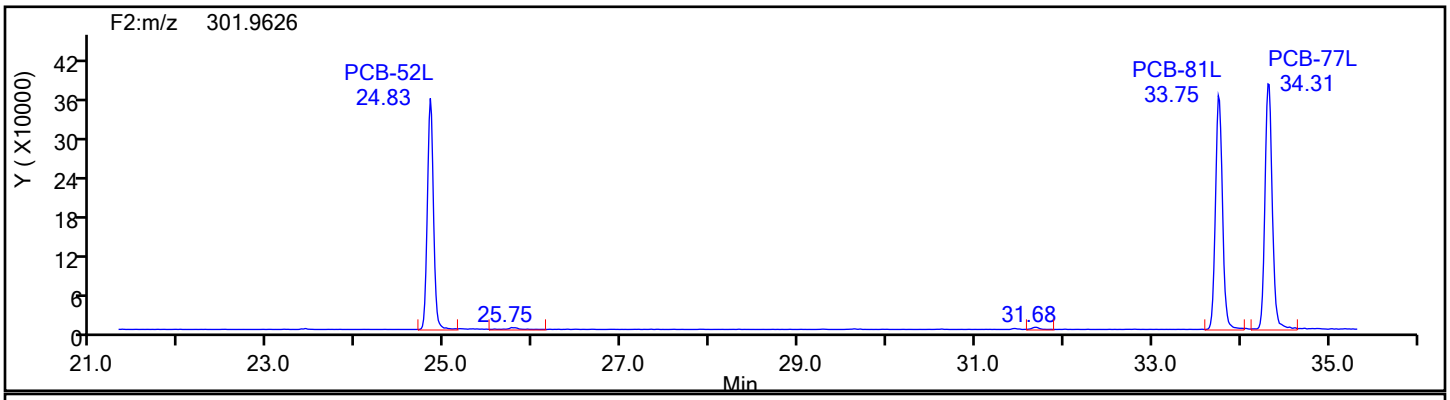
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

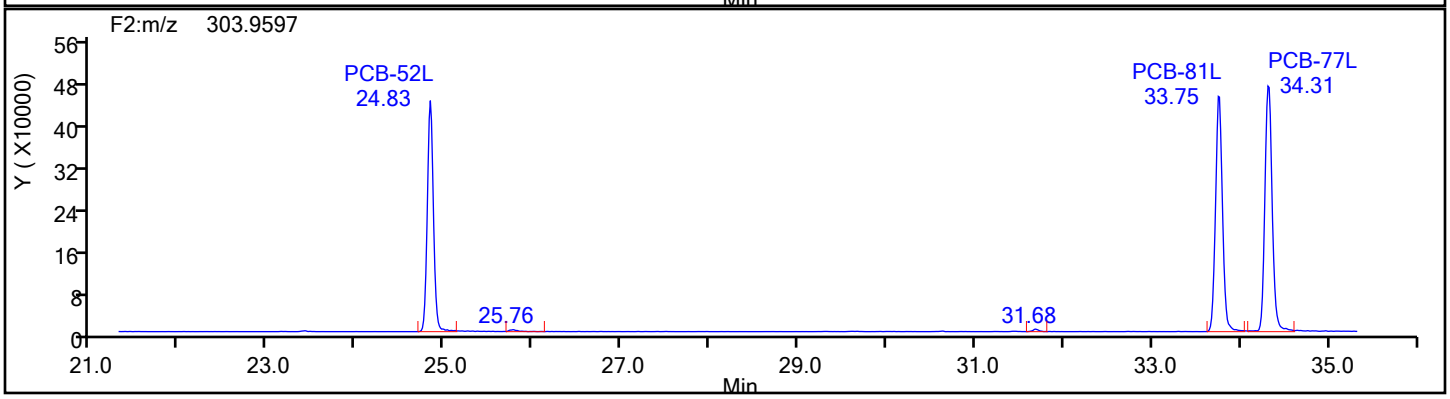
TePCB F2





TePCB F2 Standards





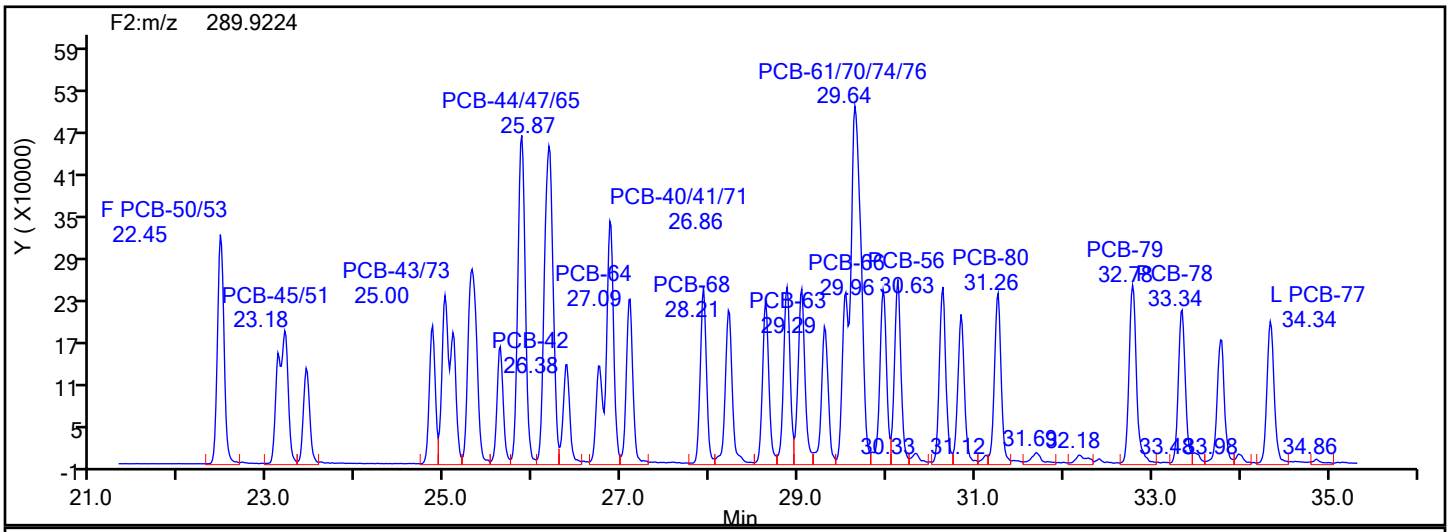
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

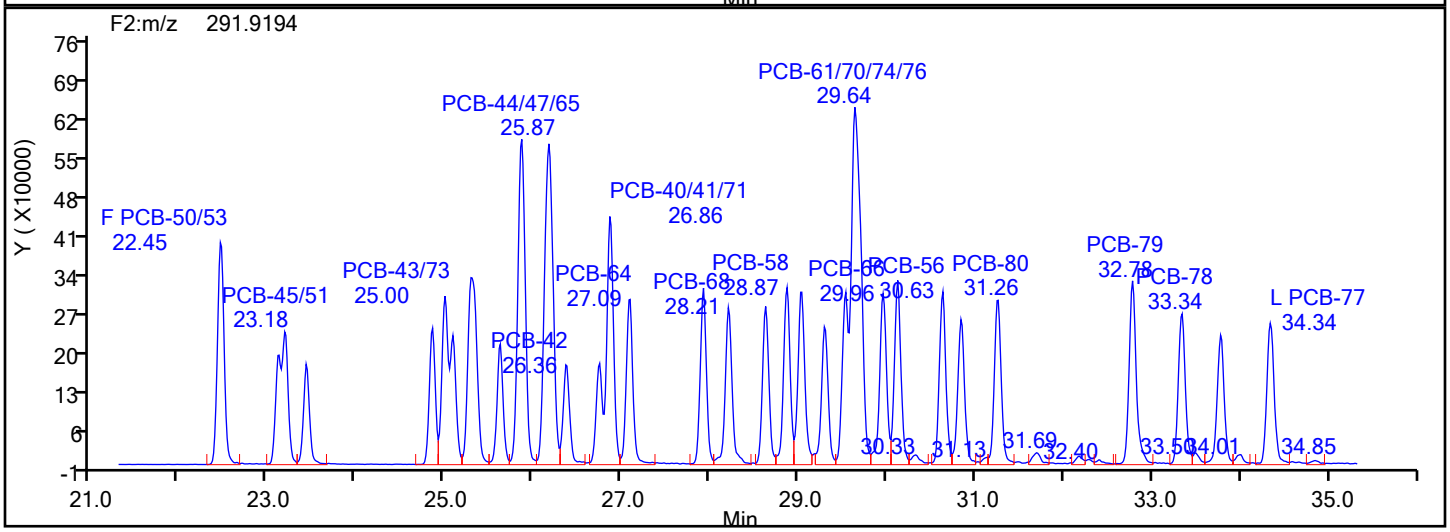
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

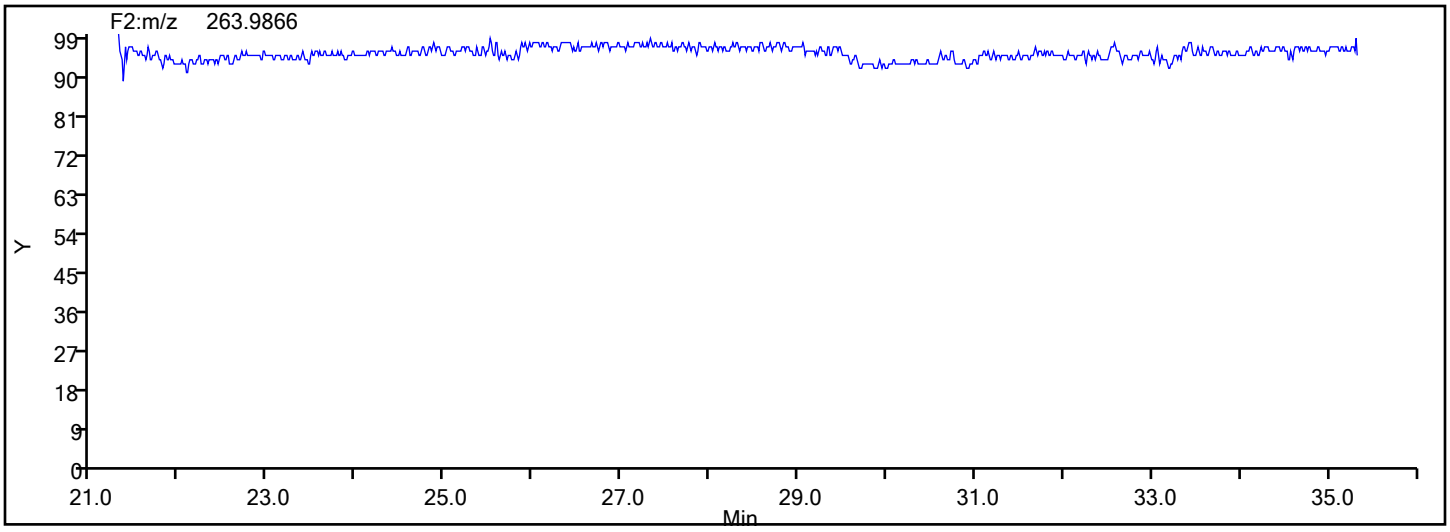
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

TePCB F2





TePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

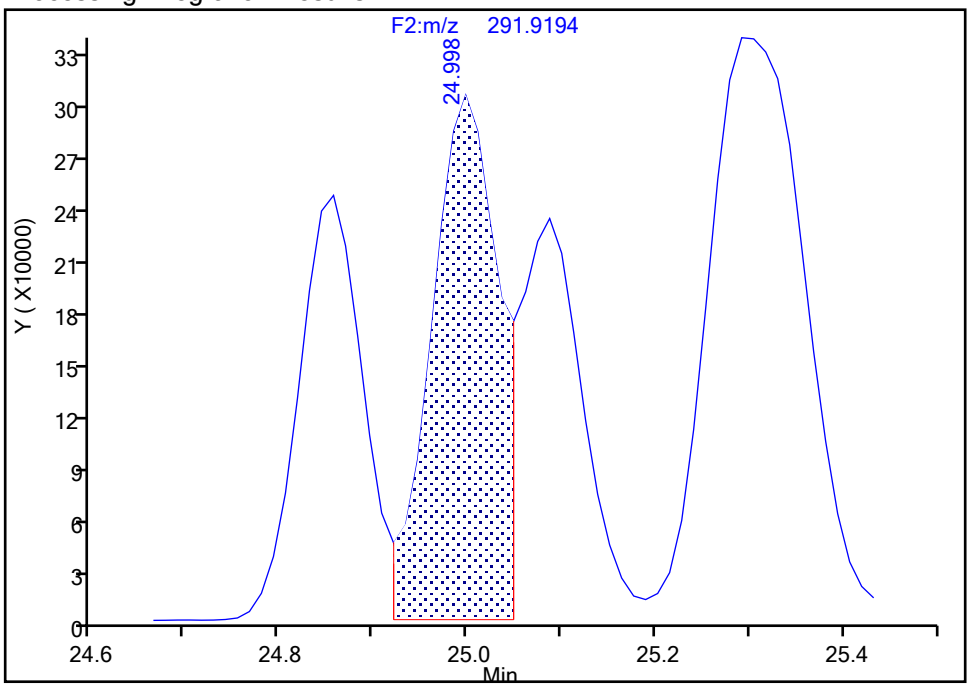
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 2

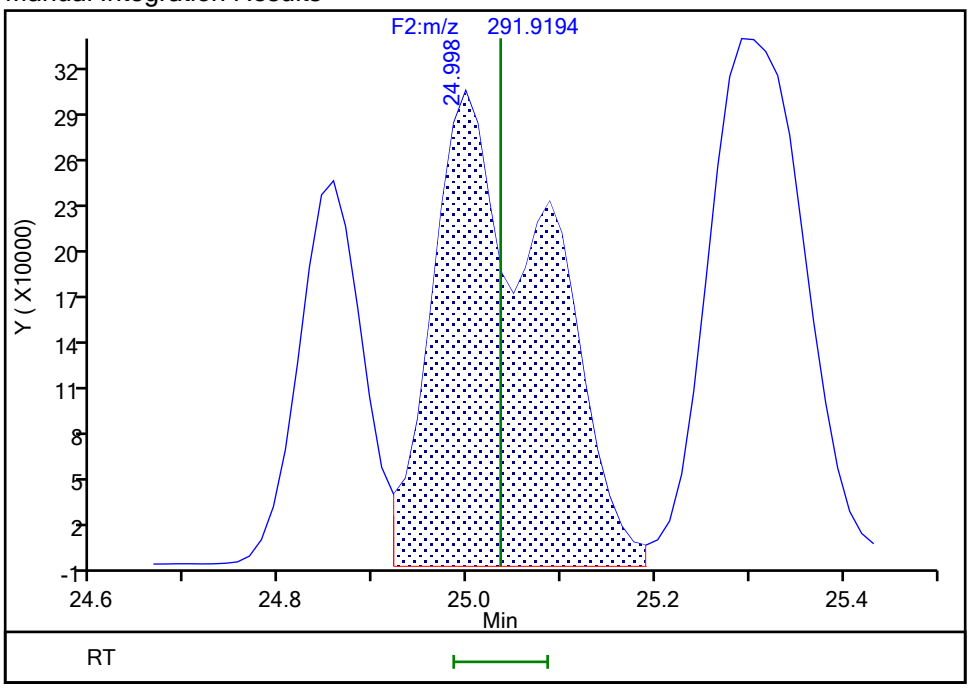
Processing Integration Results

RT: 25.00
Area: 1468433
Amount: 62.597273
Amount Units: pg/ul



Manual Integration Results

RT: 25.00
Area: 2532654
Amount: 108.0639
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:29:51 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

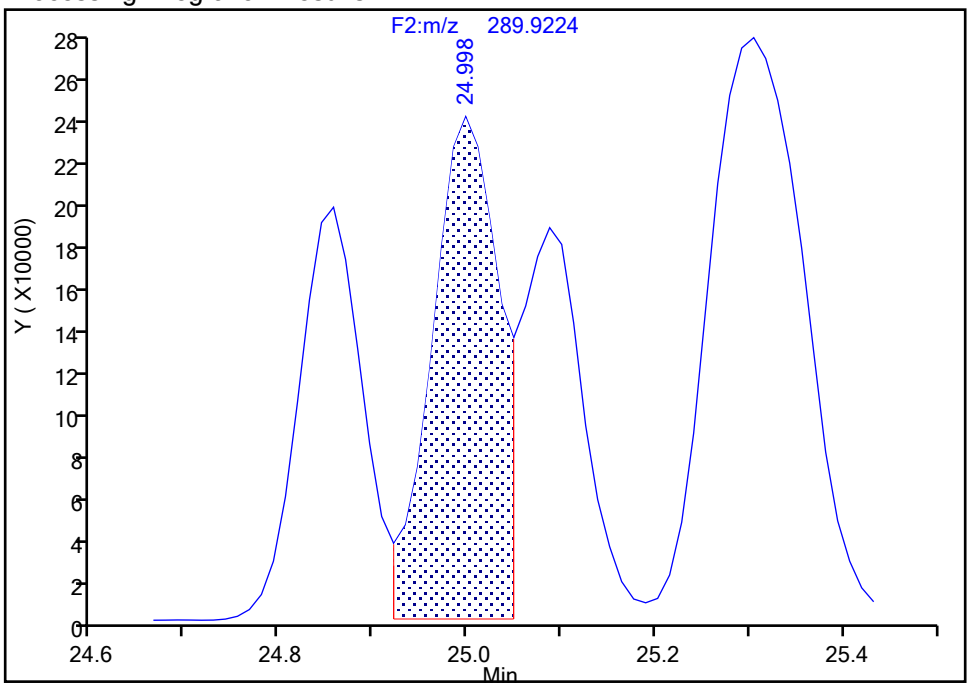
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-43/73, CAS: STL02293

Signal: 1

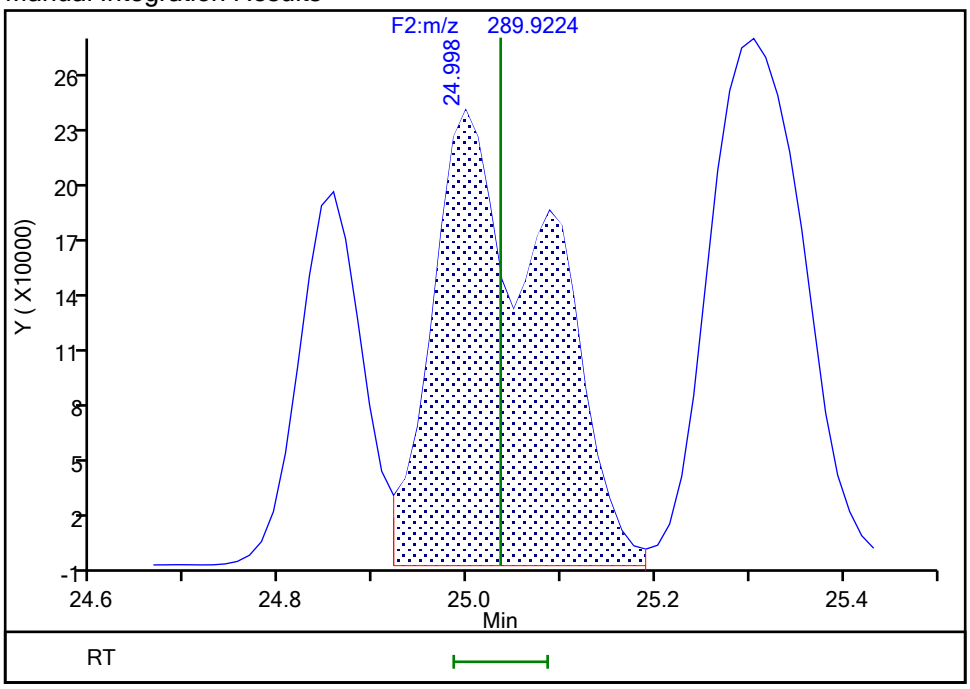
Processing Integration Results

RT: 25.00
Area: 1154773
Amount: 62.597273
Amount Units: pg/ul



Manual Integration Results

RT: 25.00
Area: 1995878
Amount: 108.0639
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:29:56 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

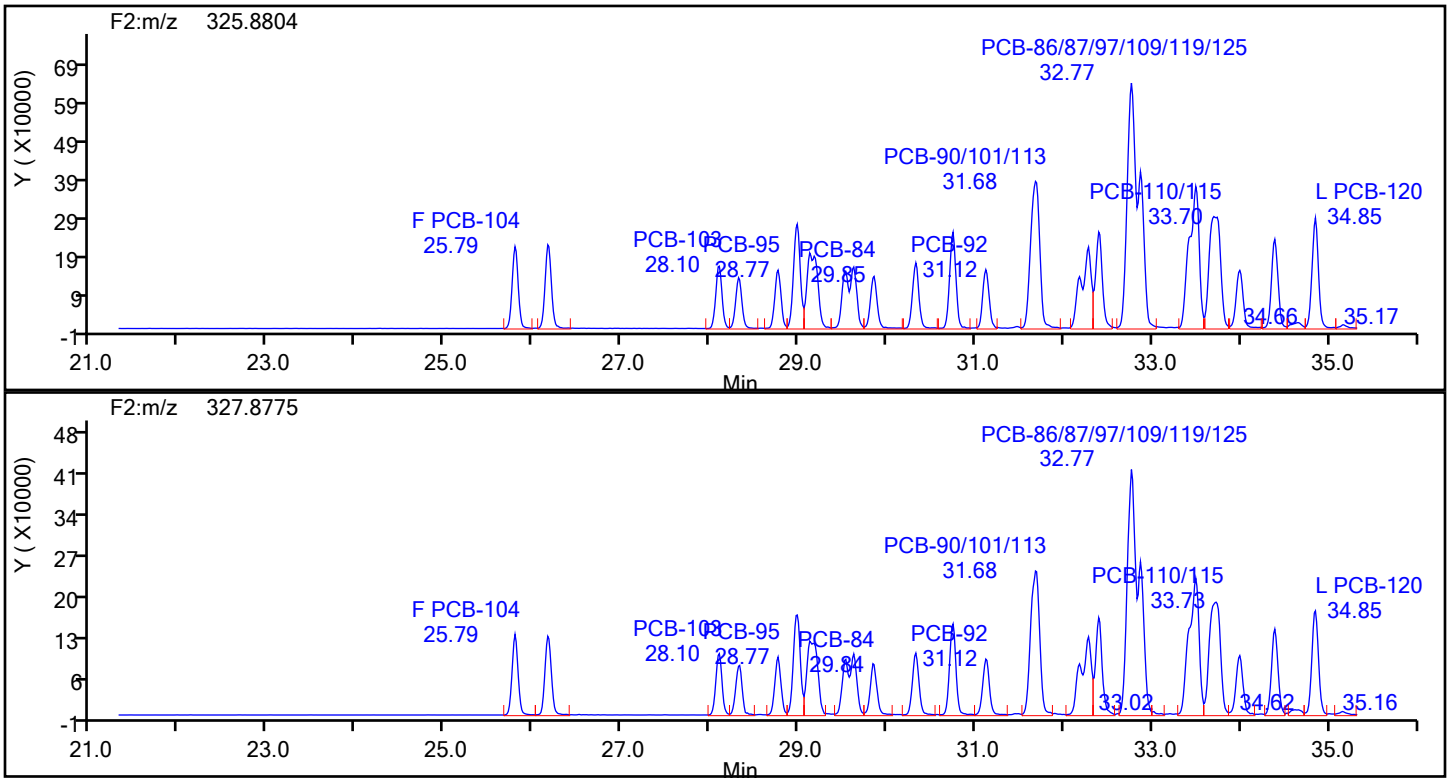
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

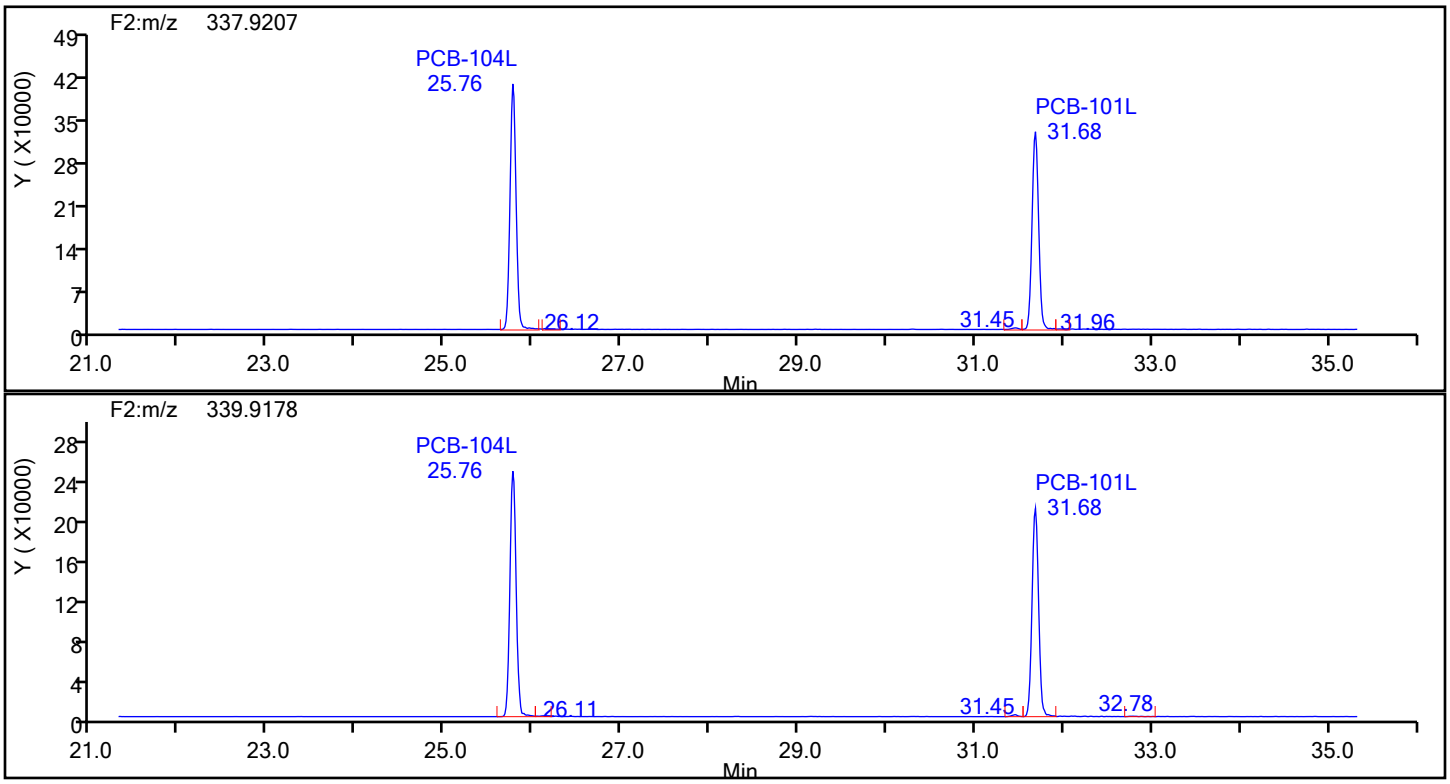
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

PePCB F2



PePCB F2 Standards

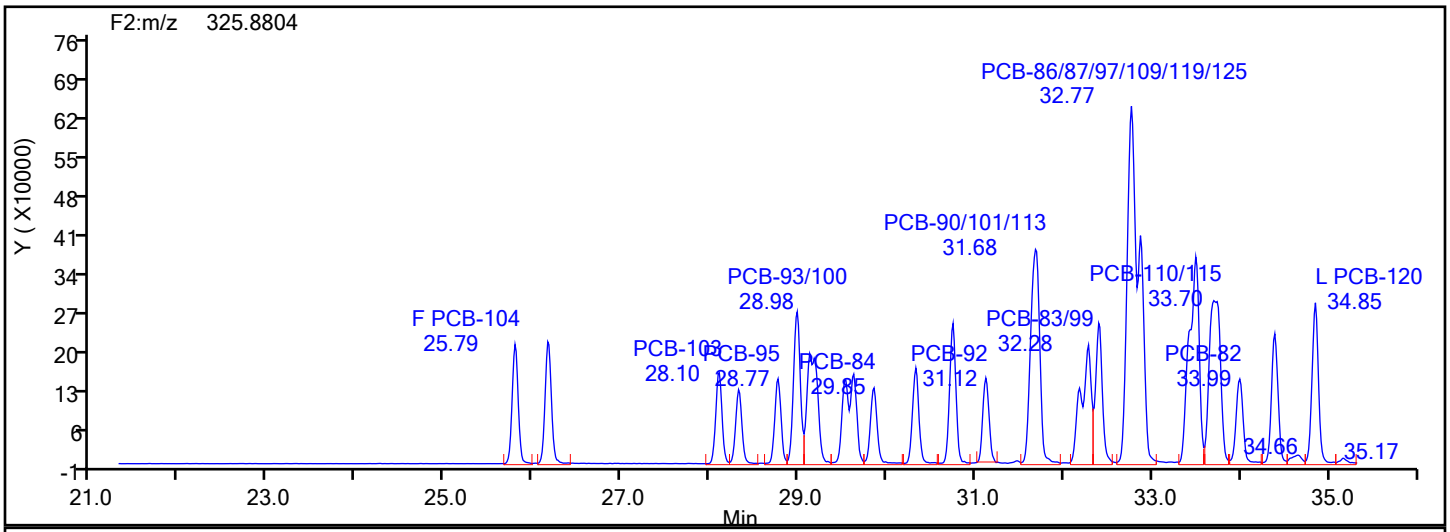


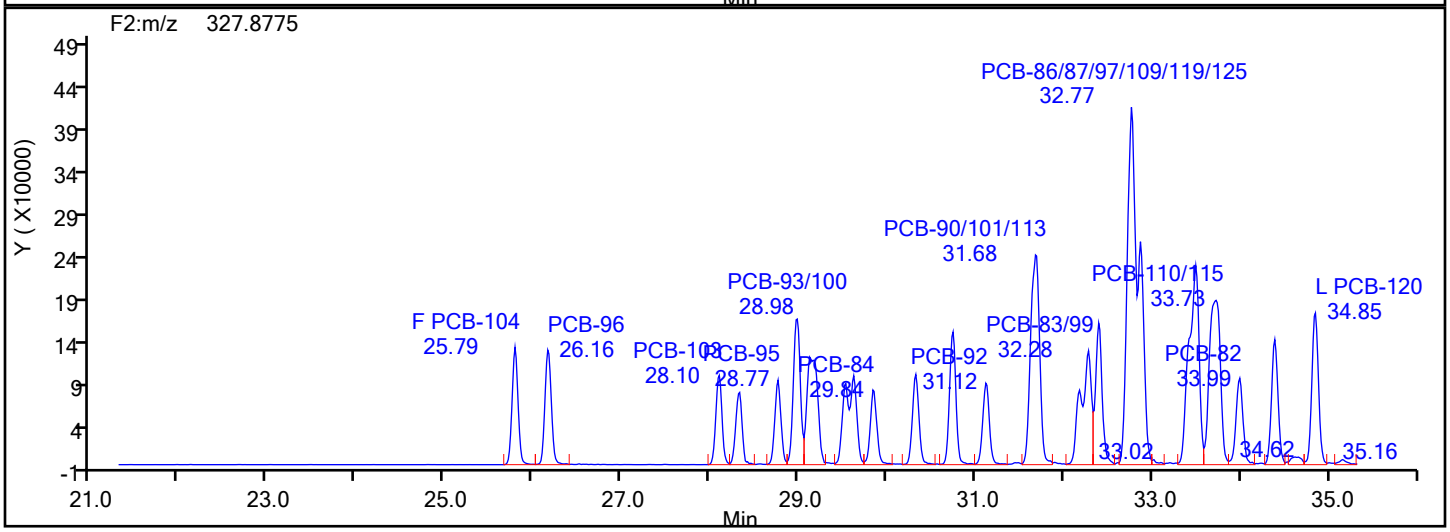
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

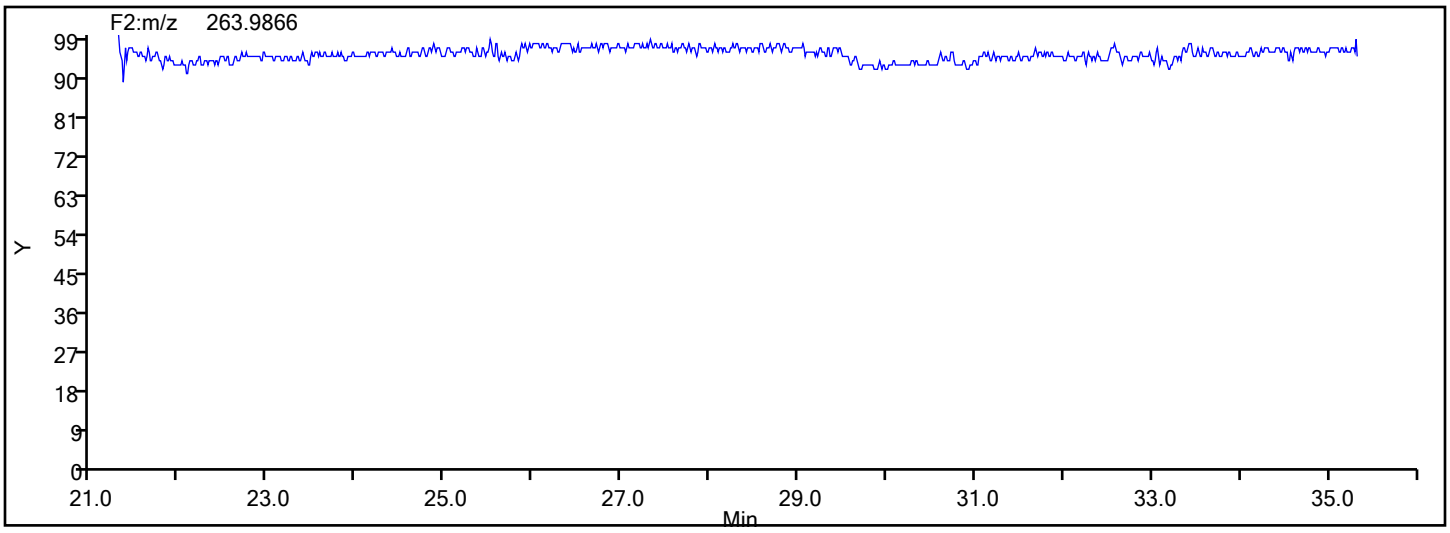
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 2
Column Type: Column Dia:

PePCB F2





PePCB F2 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

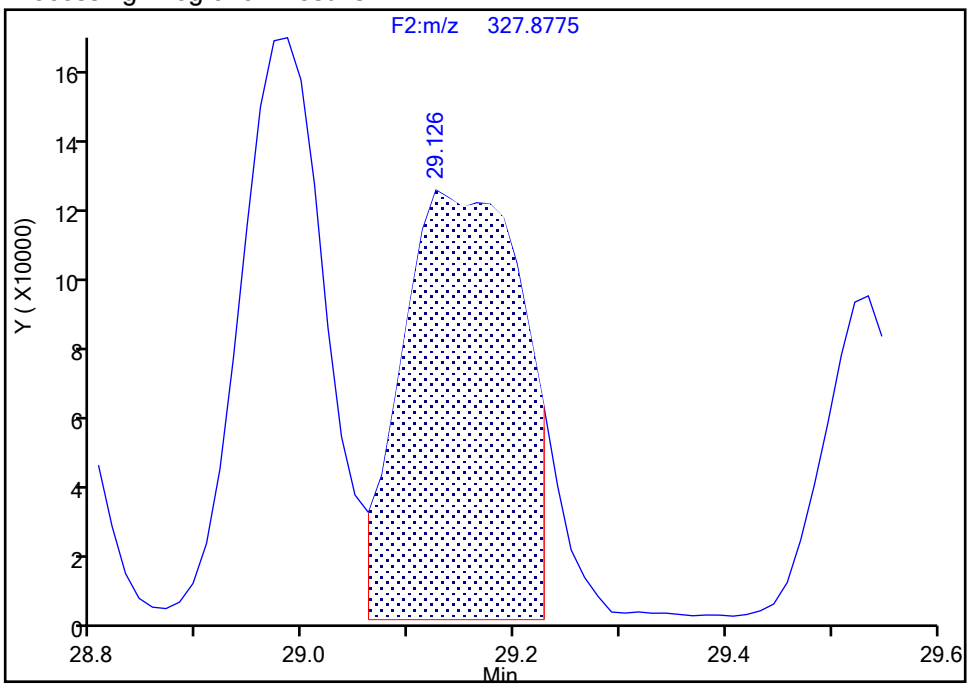
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d				
Injection Date:	03-Jan-2024 15:43:00	Instrument ID:	D2D		
Lims ID:	LCS 140-81427/18-B				
Client ID:					
Operator ID:	Xcalibur_System	ALS Bottle#:	0	Worklist Smp#:	2
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL		
Column:		Detector	F2(21.81 :35.54)		

PCB-98/102, CAS: STL01843

Signal: 2

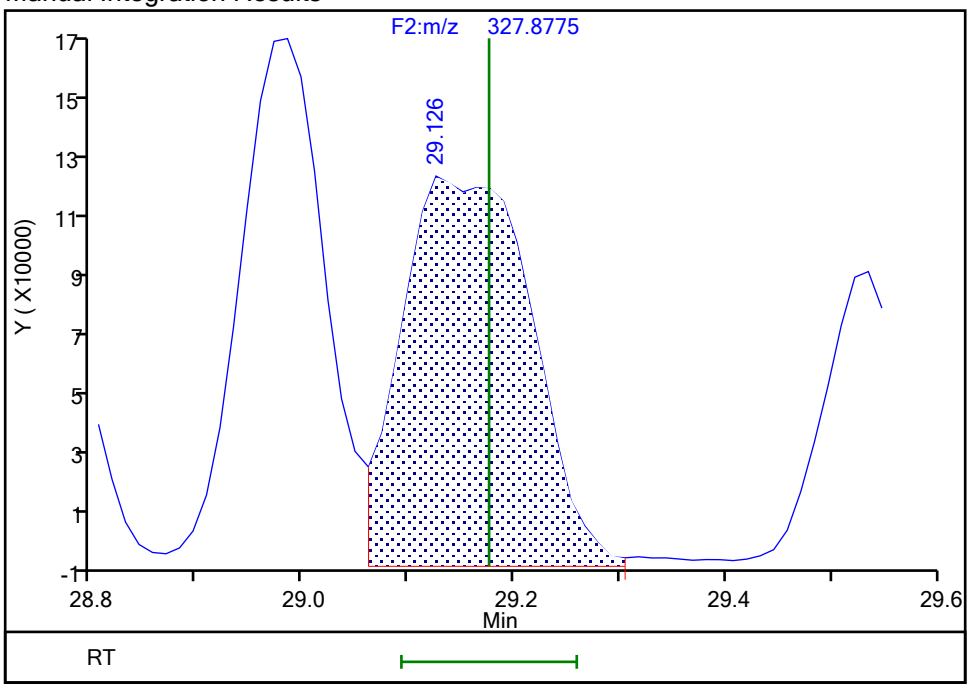
Processing Integration Results

RT: 29.13
Area: 965597
Amount: 91.611429
Amount Units: pg/ul



Manual Integration Results

RT: 29.13
Area: 1055704
Amount: 94.752006
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:30:24 -05:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

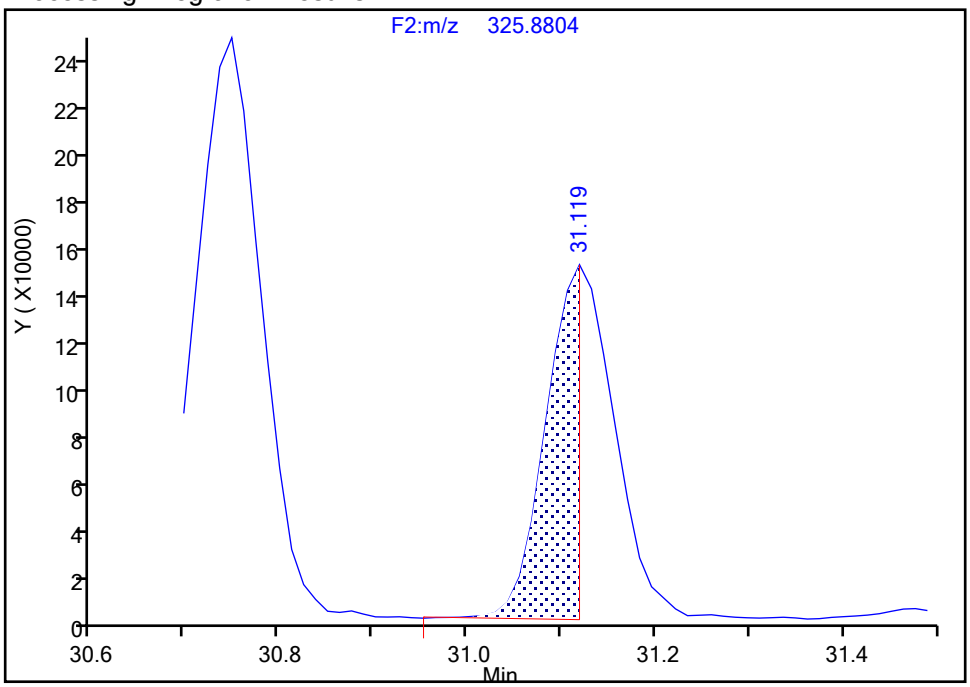
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-92, CAS: 52663-61-3

Signal: 1

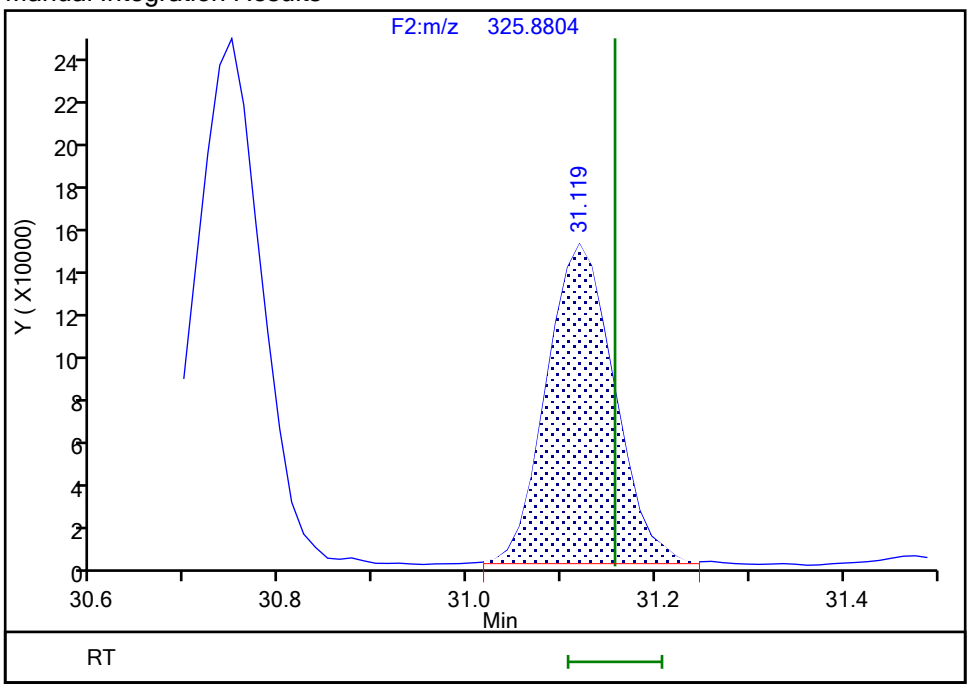
Processing Integration Results

RT: 31.12
Area: 372319
Amount: 35.611684
Amount Units: pg/ul



Manual Integration Results

RT: 31.12
Area: 760899
Amount: 51.544632
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:30:34 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

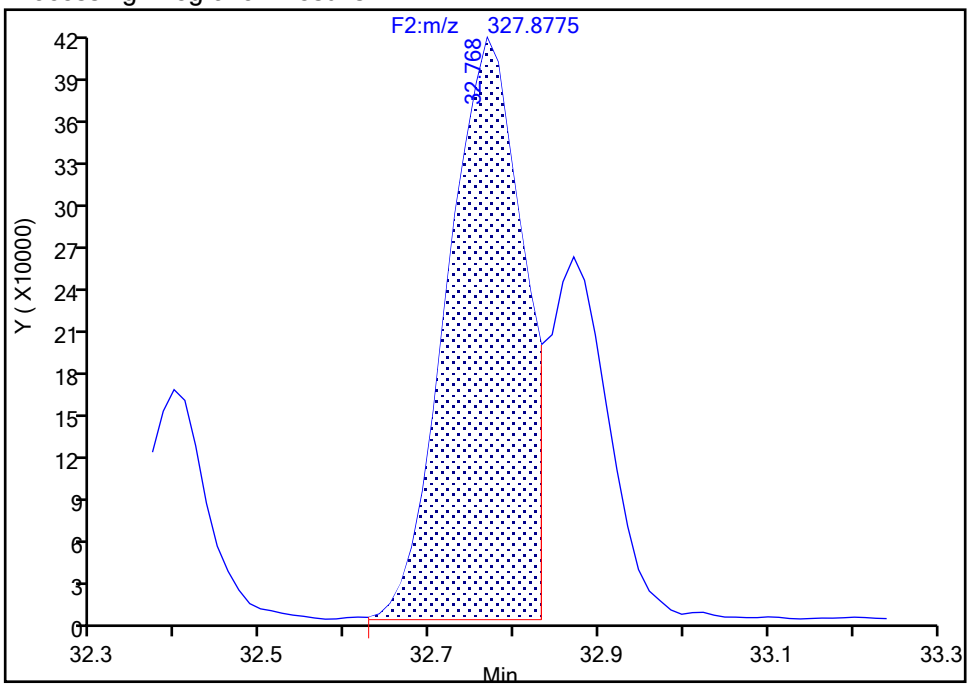
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 2

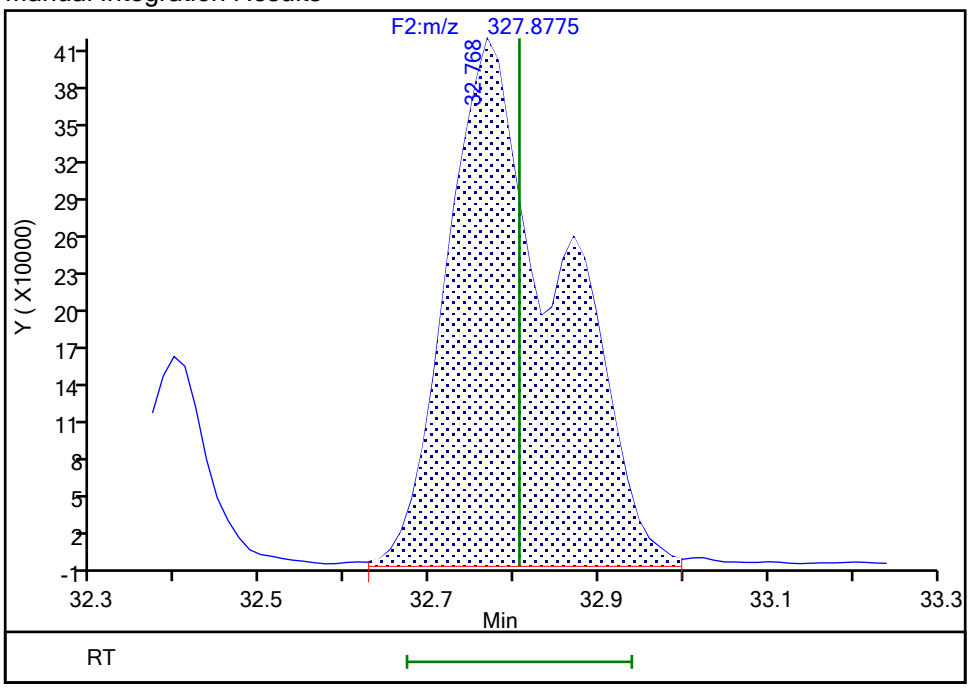
Processing Integration Results

RT: 32.77
Area: 2538128
Amount: 203.1508
Amount Units: pg/ul



Manual Integration Results

RT: 32.77
Area: 3802126
Amount: 306.0738
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:30:46 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

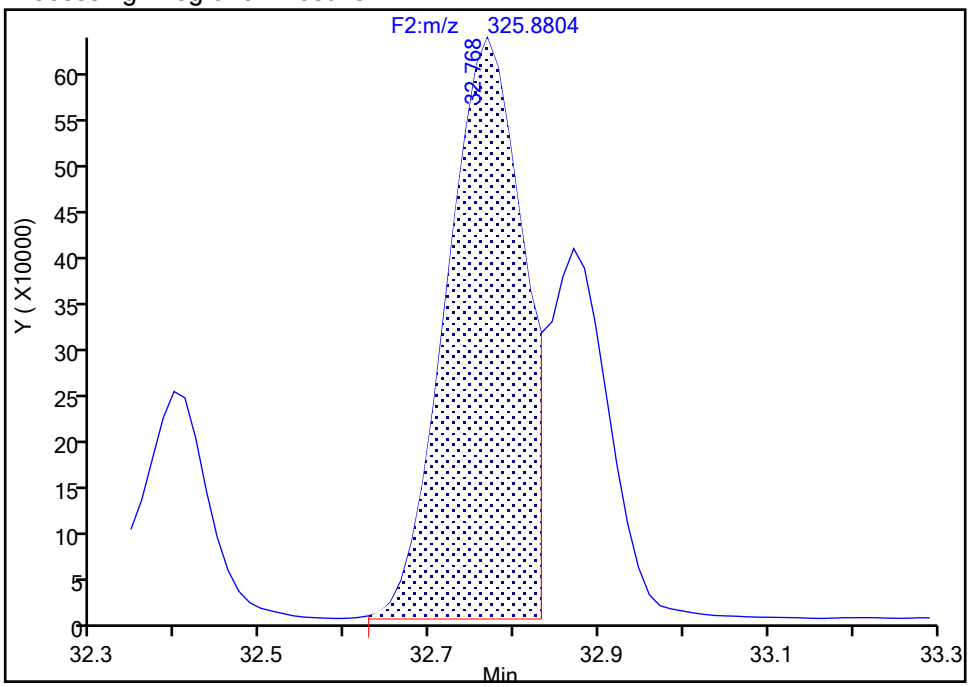
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F2(21.81 :35.54)

PCB-86/87/97/109/119/125, CAS: STL02295

Signal: 1

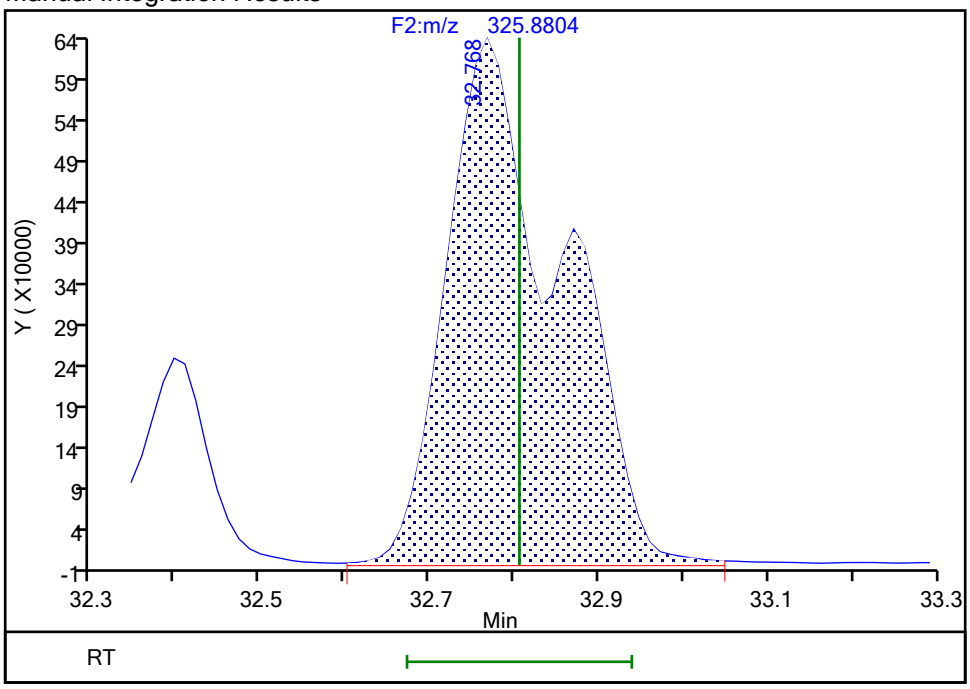
Processing Integration Results

RT: 32.77
Area: 3988993
Amount: 203.1508
Amount Units: pg/ul



Manual Integration Results

RT: 32.77
Area: 6031854
Amount: 306.0738
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:30:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

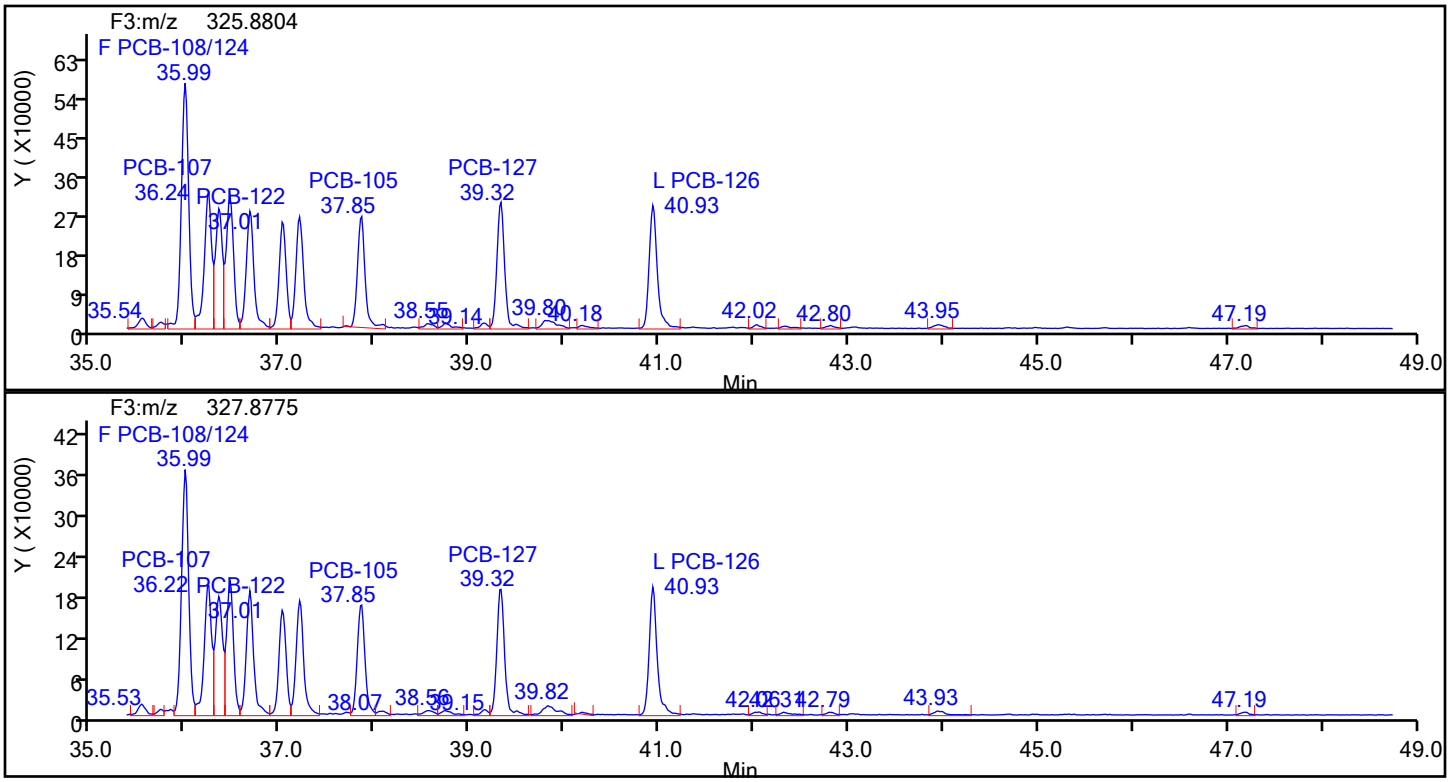
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

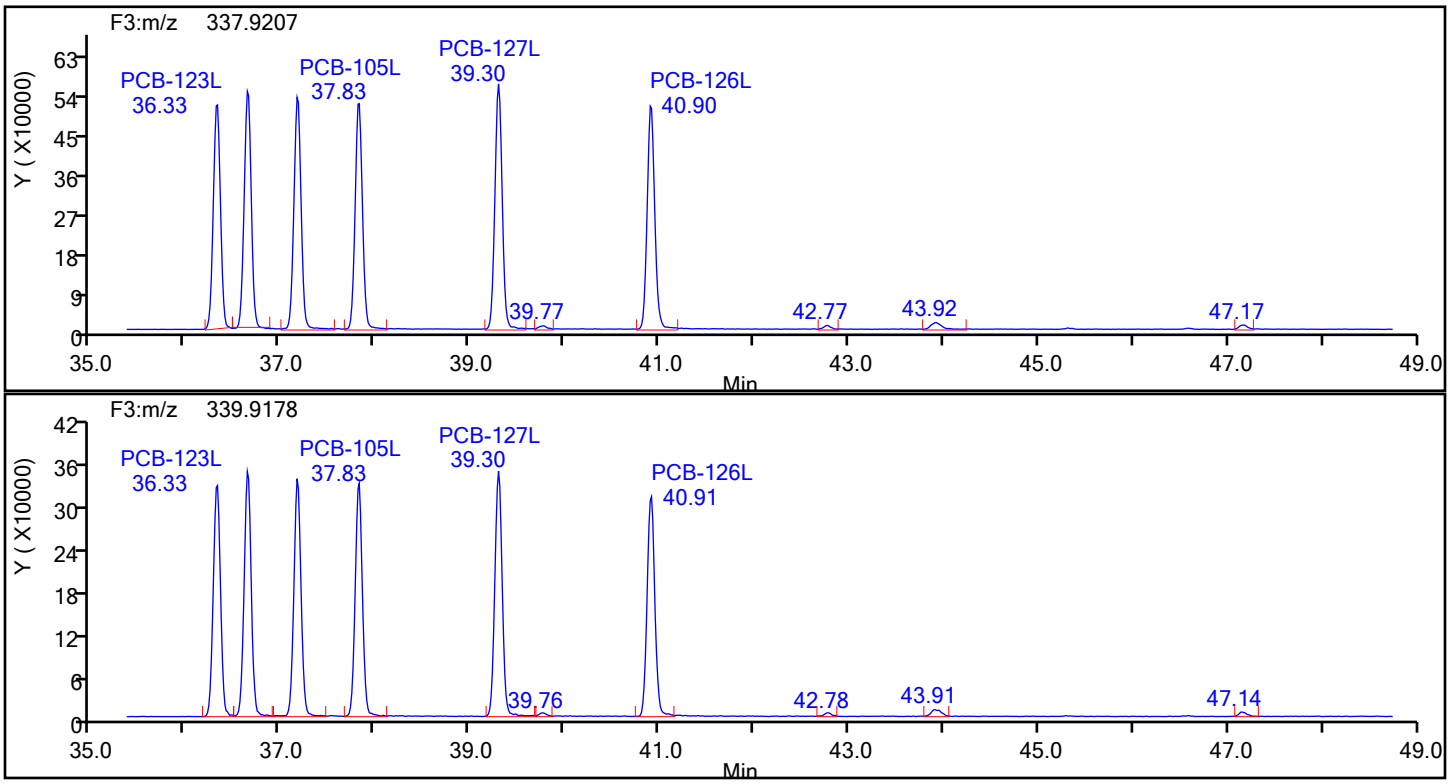
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

PePCB F3



PePCB F3 Standards

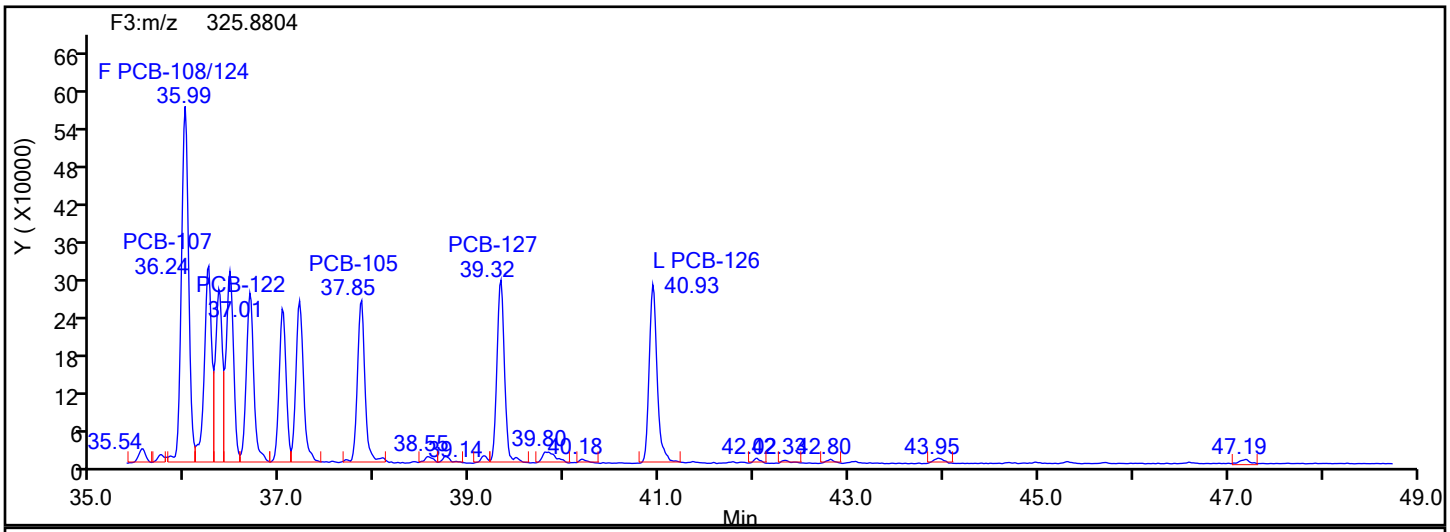


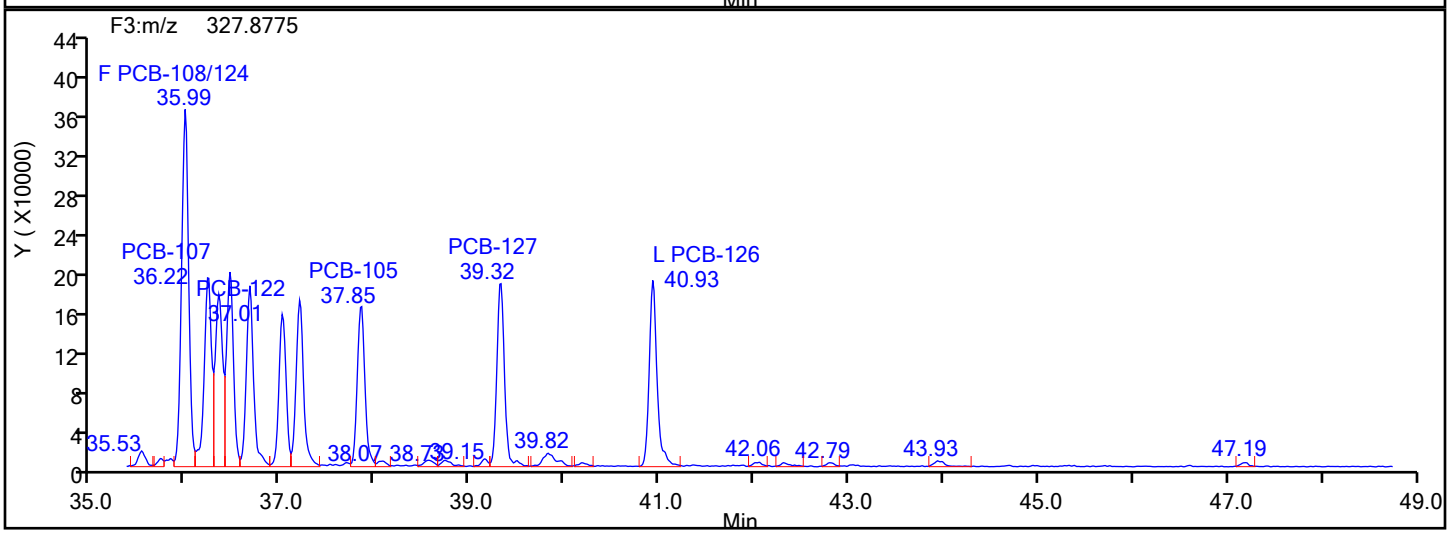
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

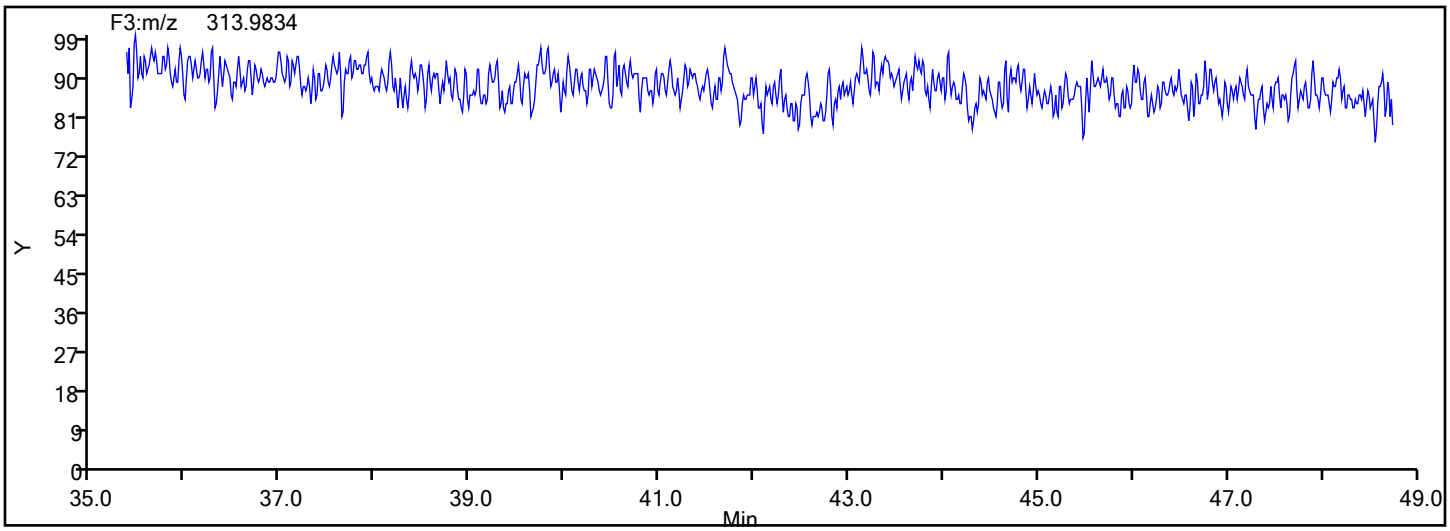
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d		
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

PePCB F3





PePCB F3 Lock Mass



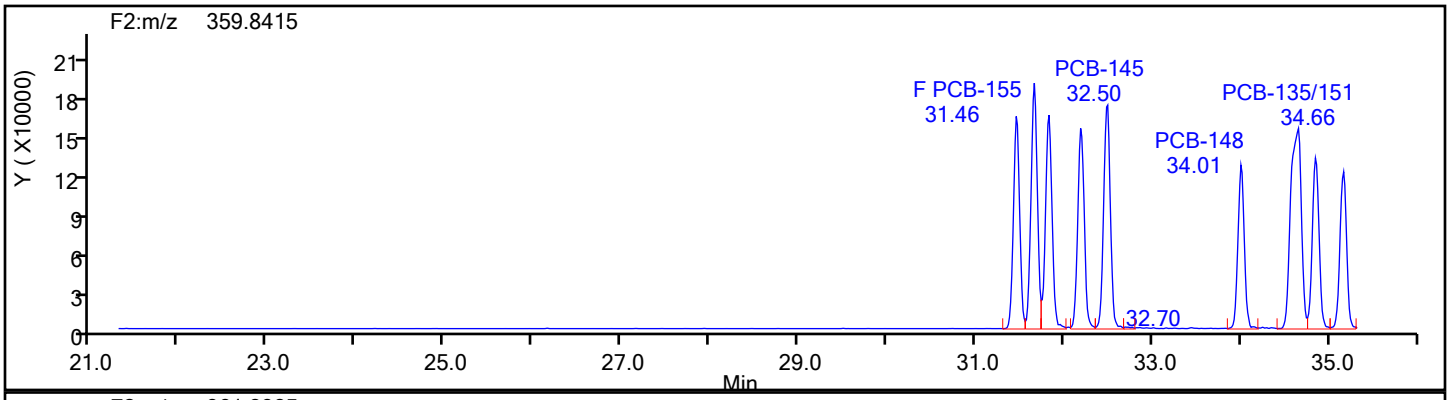
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

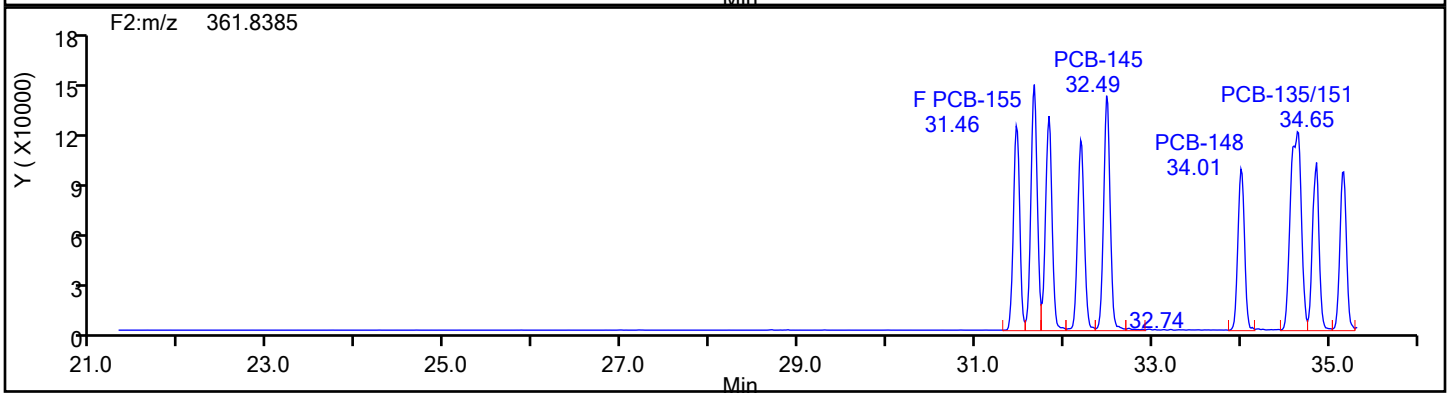
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

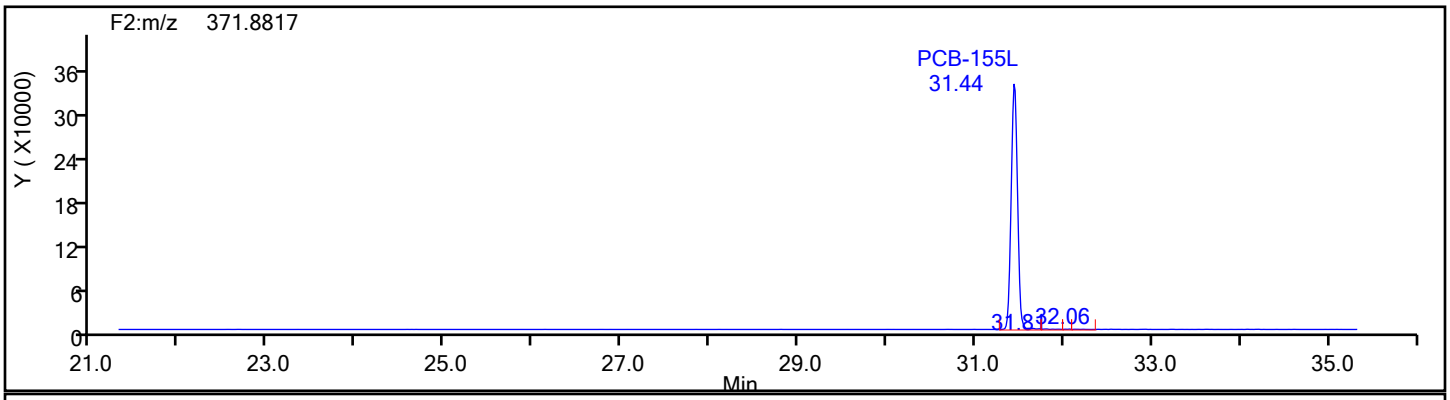
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

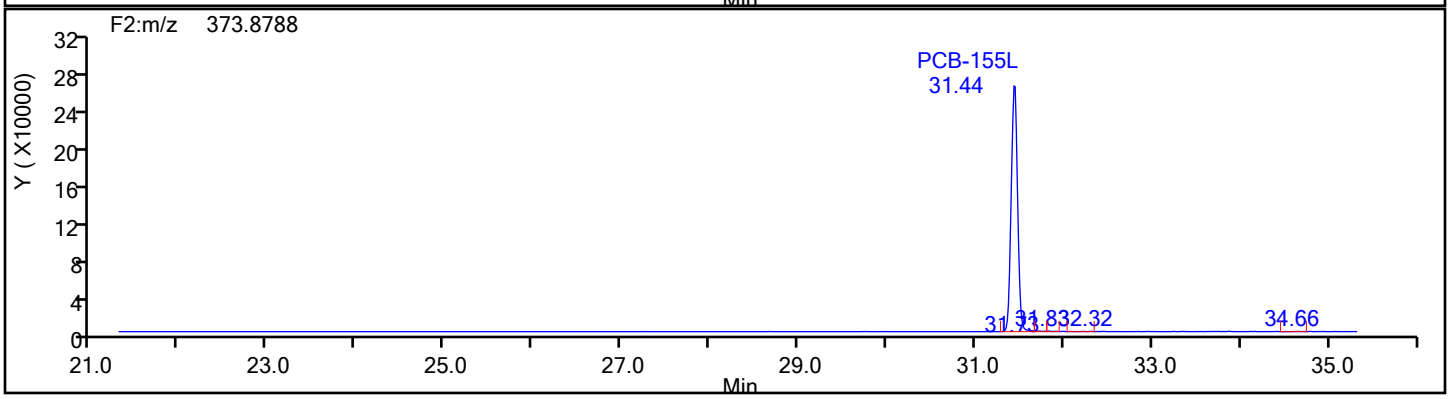
HxPCB F2





HxPCB F2 Standards





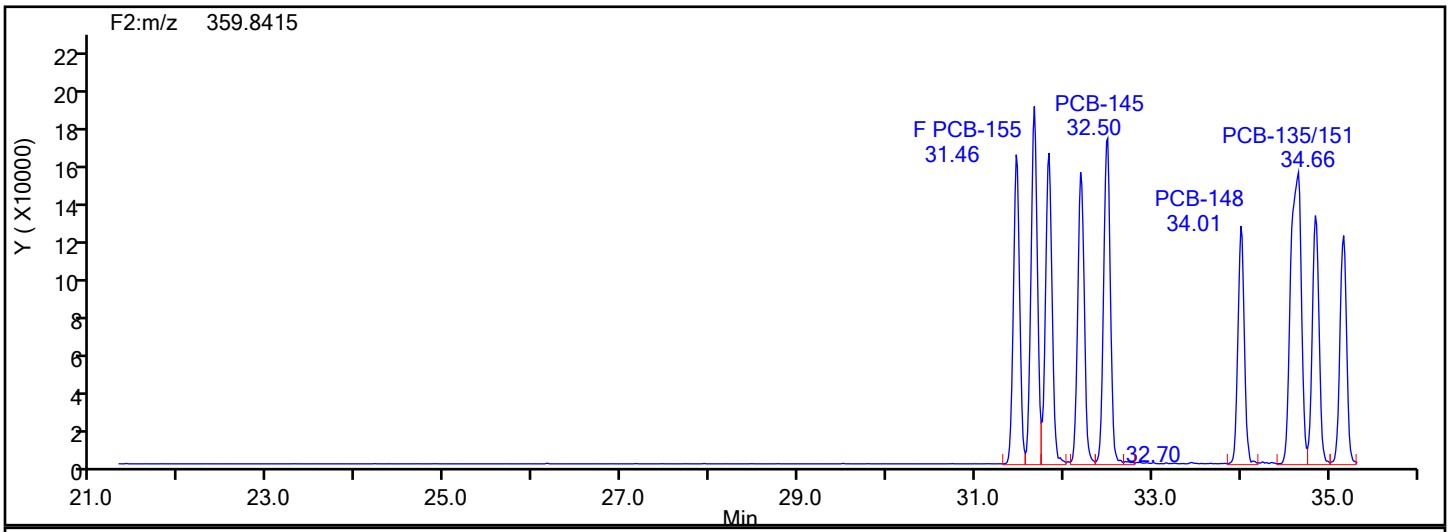
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

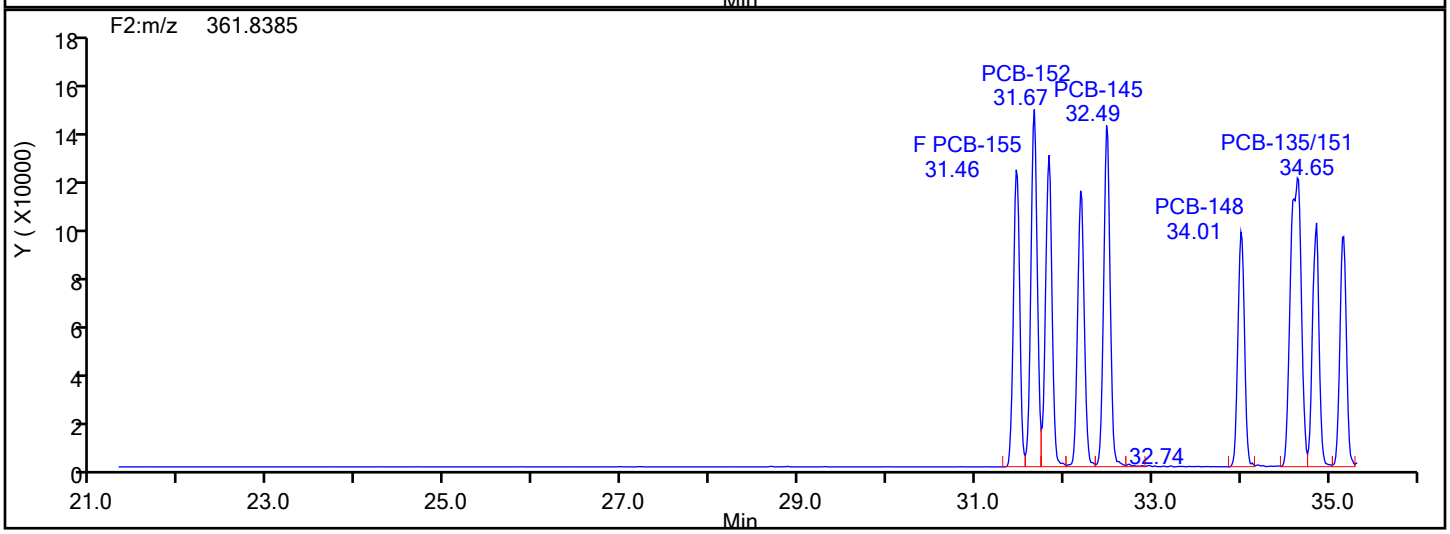
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

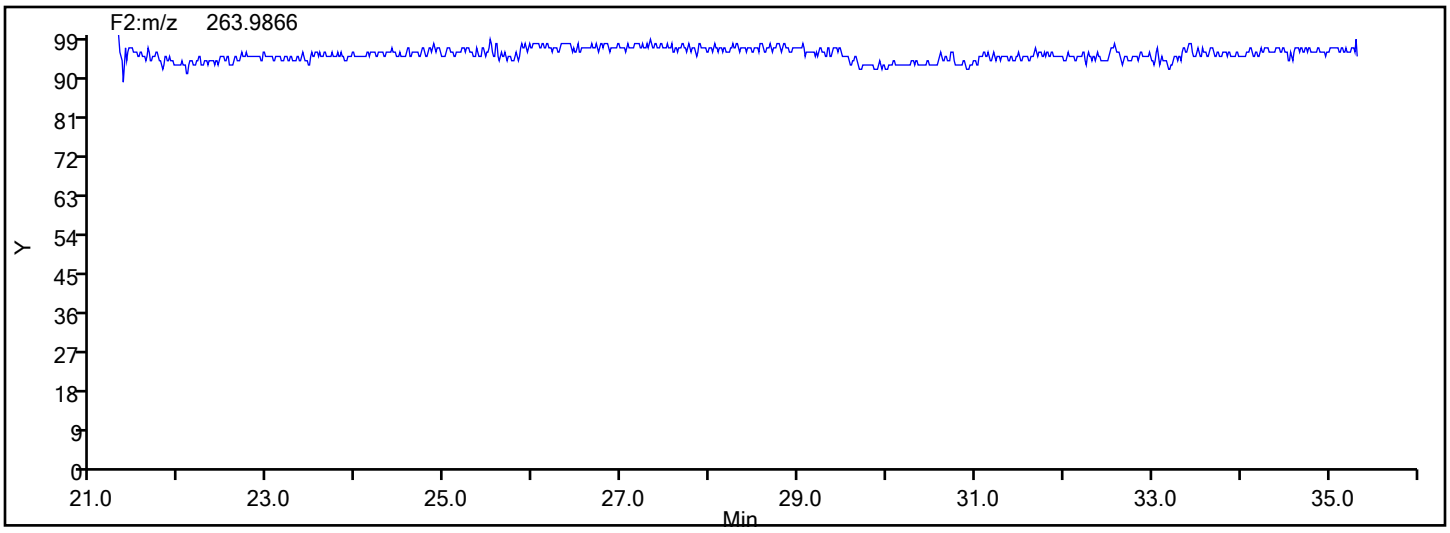
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

HxPCB F2





HxPCB F2 Lock Mass



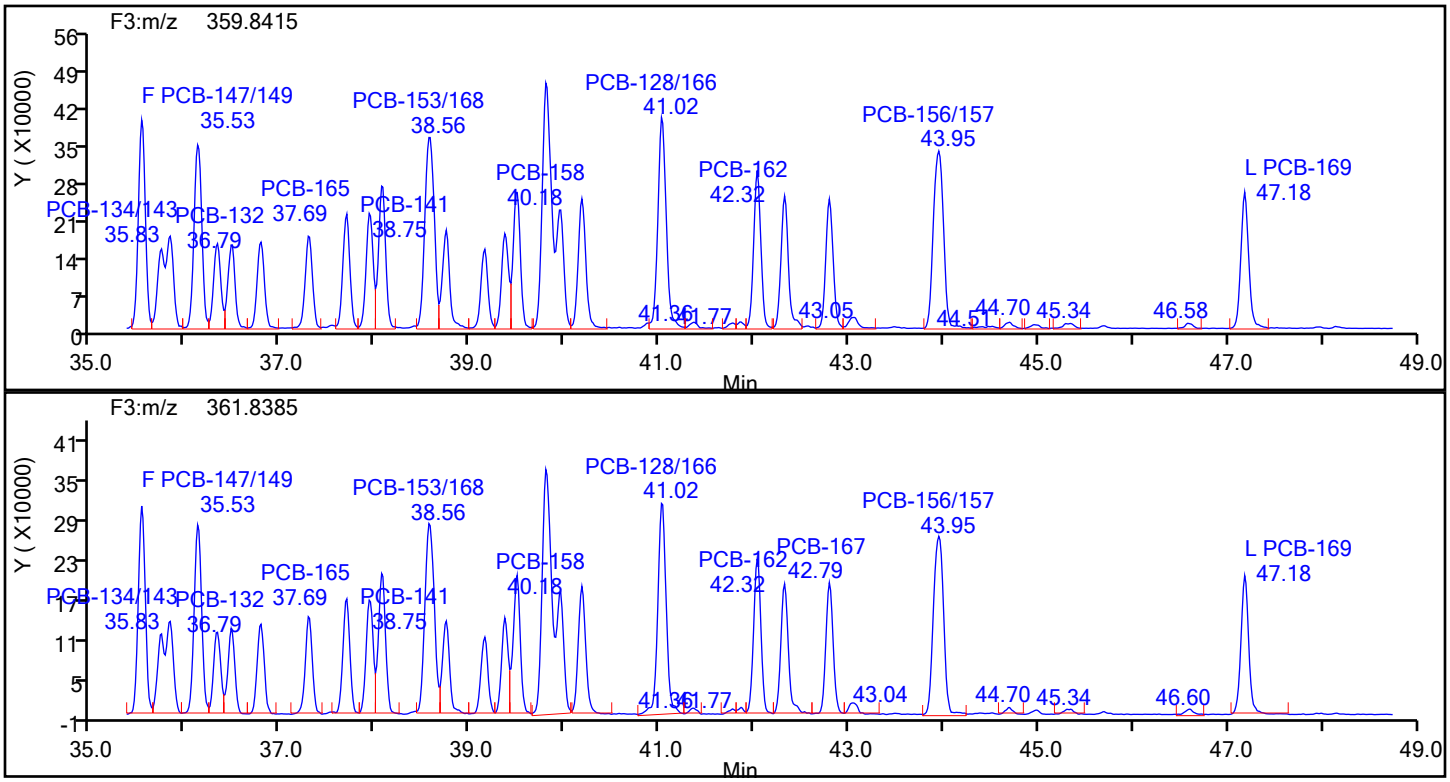
Report Date: 04-Jan-2024 00:32:40 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

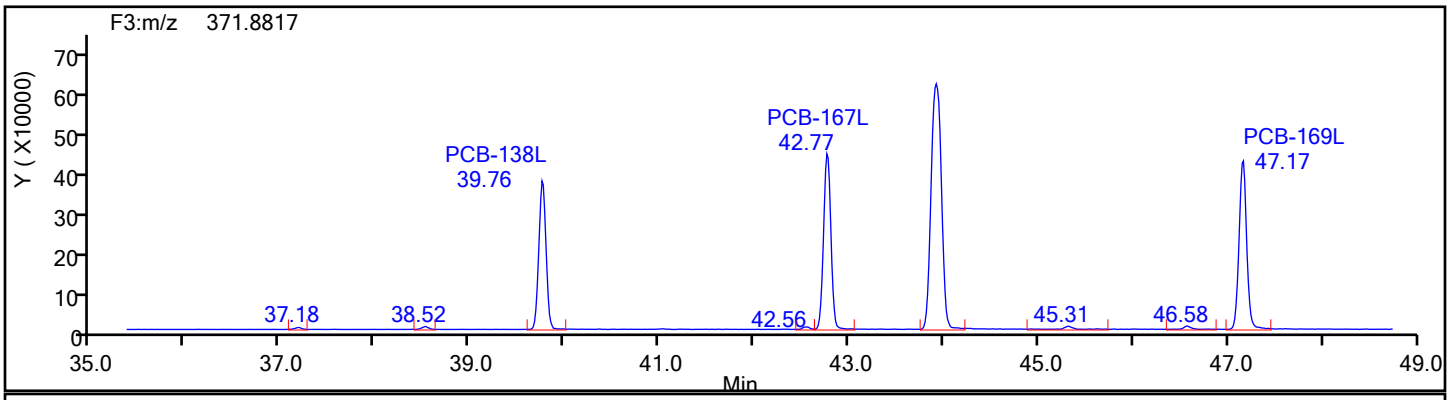
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

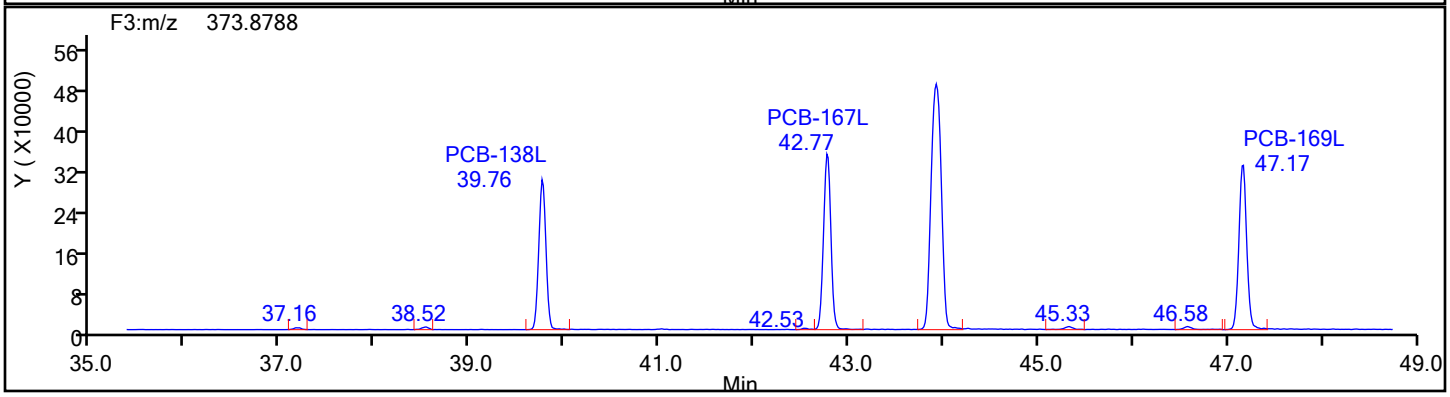
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

HxPCB F3



HxPCB F3 Standards





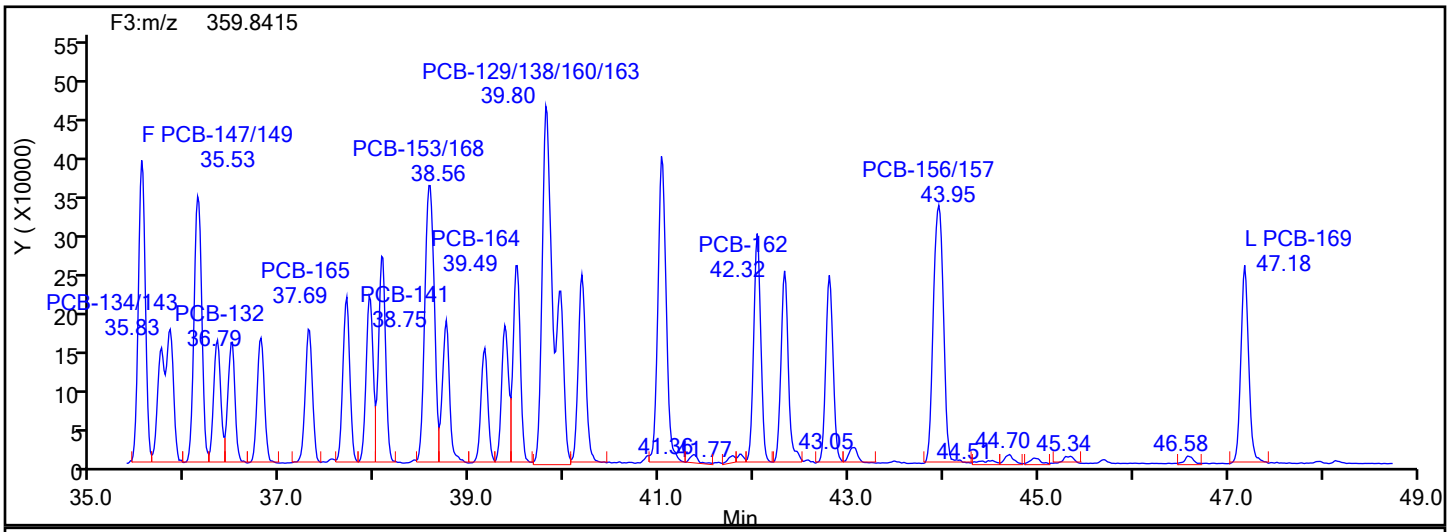
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

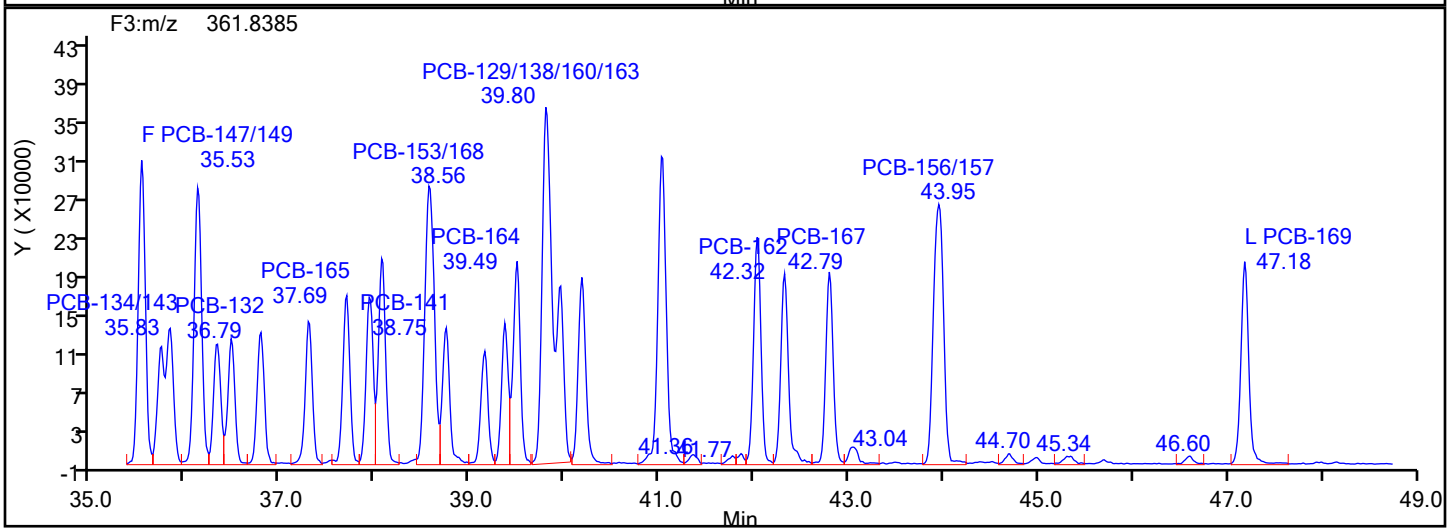
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

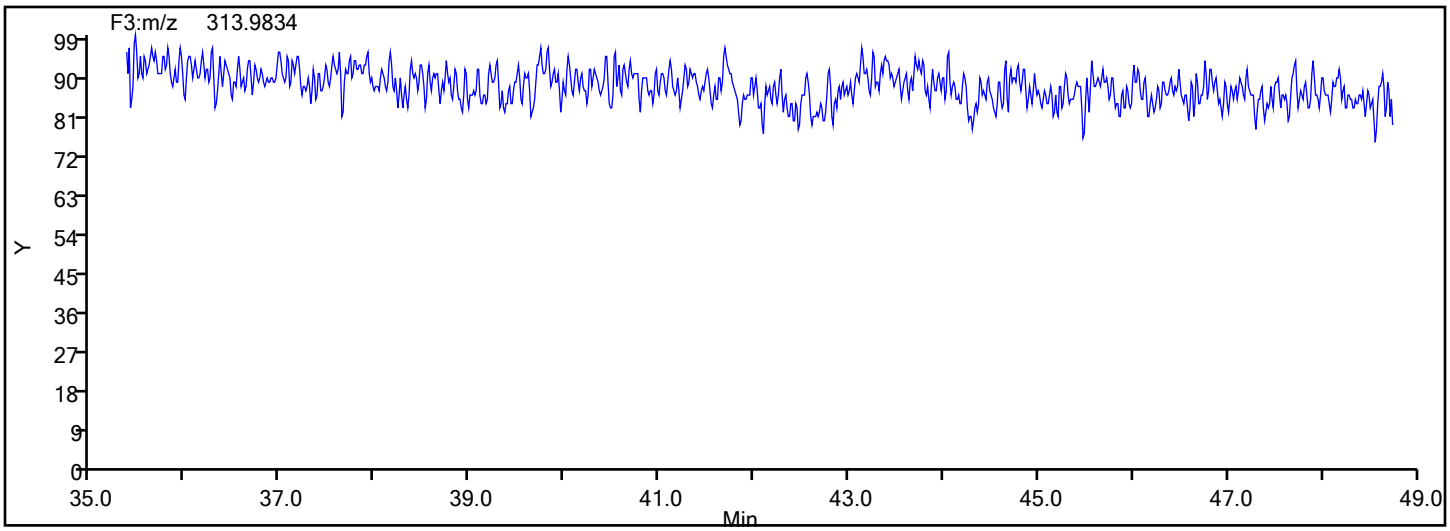
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

HxPCB F3





HxPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

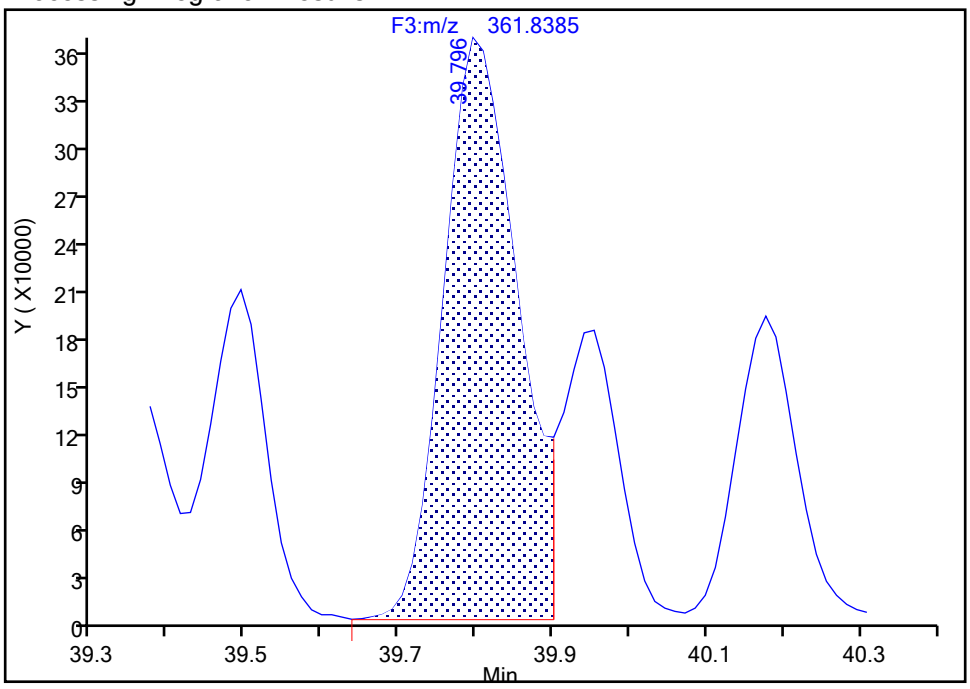
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 2

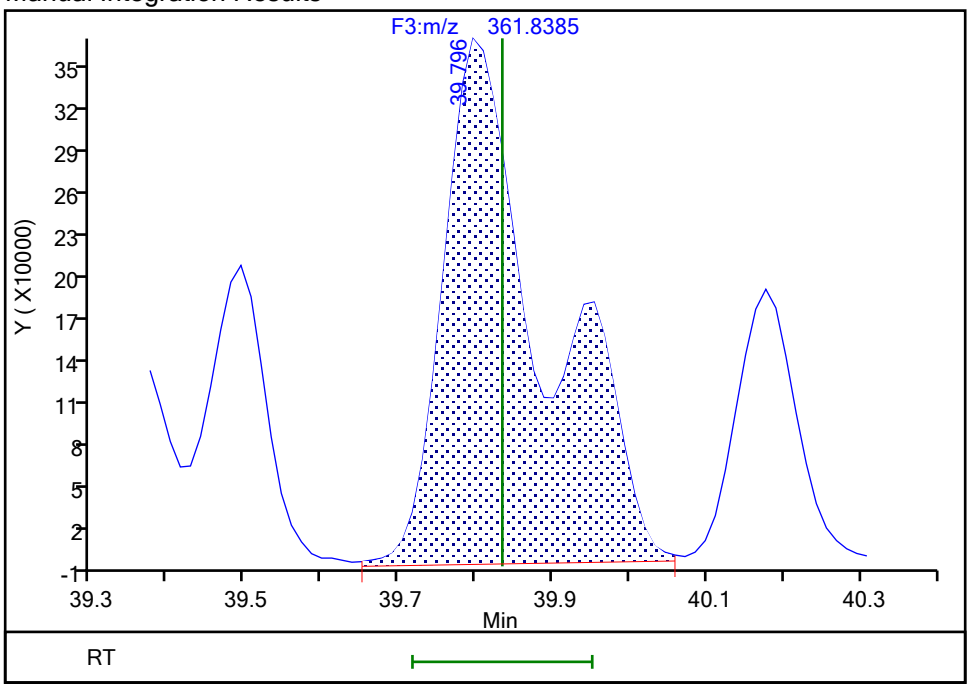
Processing Integration Results

RT: 39.80
Area: 2443770
Amount: 143.1629
Amount Units: pg/ul



Manual Integration Results

RT: 39.80
Area: 3361325
Amount: 201.3413
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:31:25 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

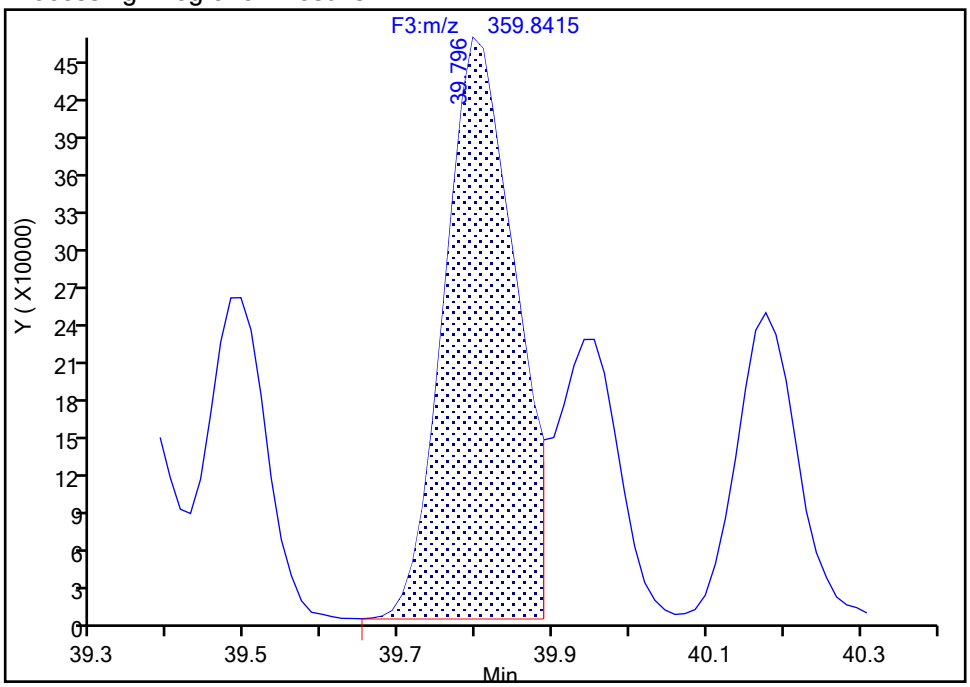
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-129/138/160/163, CAS: STL02296

Signal: 1

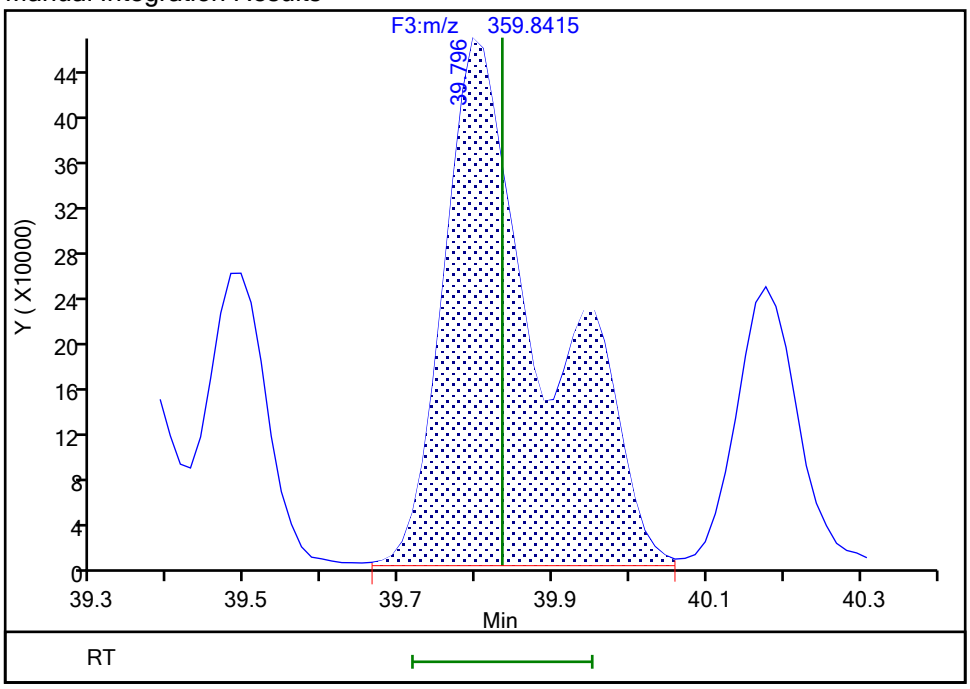
Processing Integration Results

RT: 39.80
Area: 2941677
Amount: 143.1629
Amount Units: pg/ul



Manual Integration Results

RT: 39.80
Area: 4212657
Amount: 201.3413
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:31:31 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

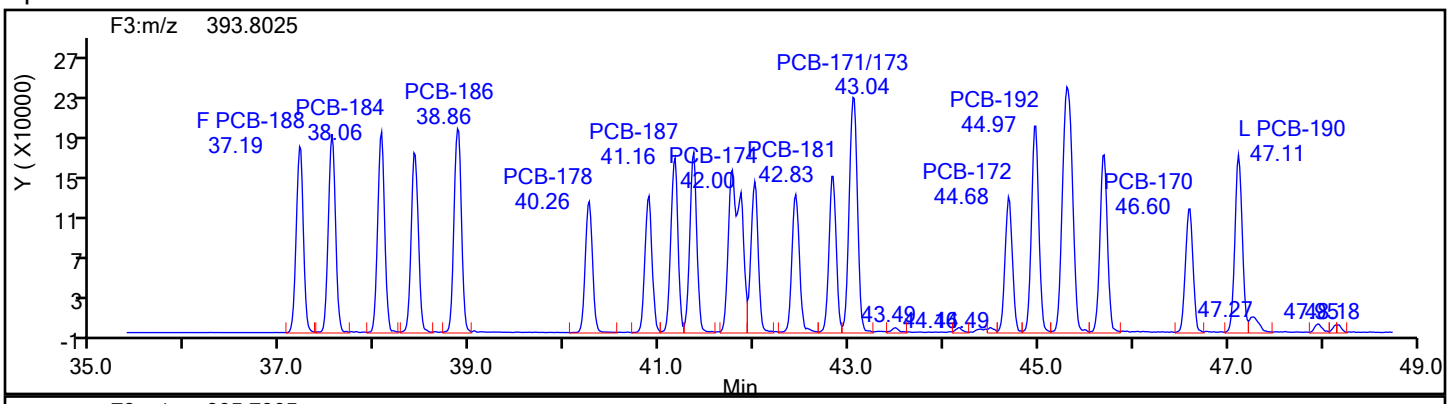
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

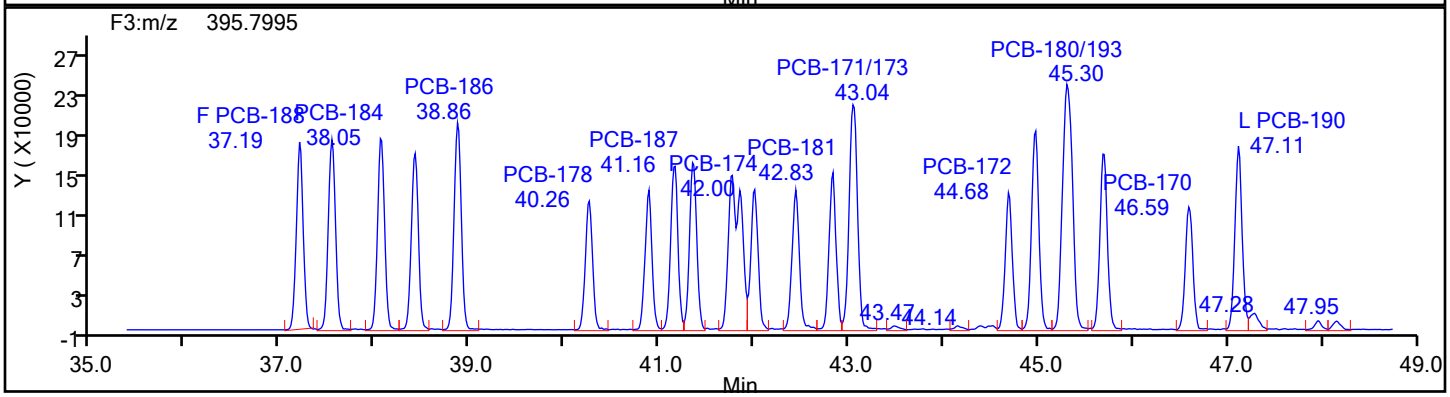
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

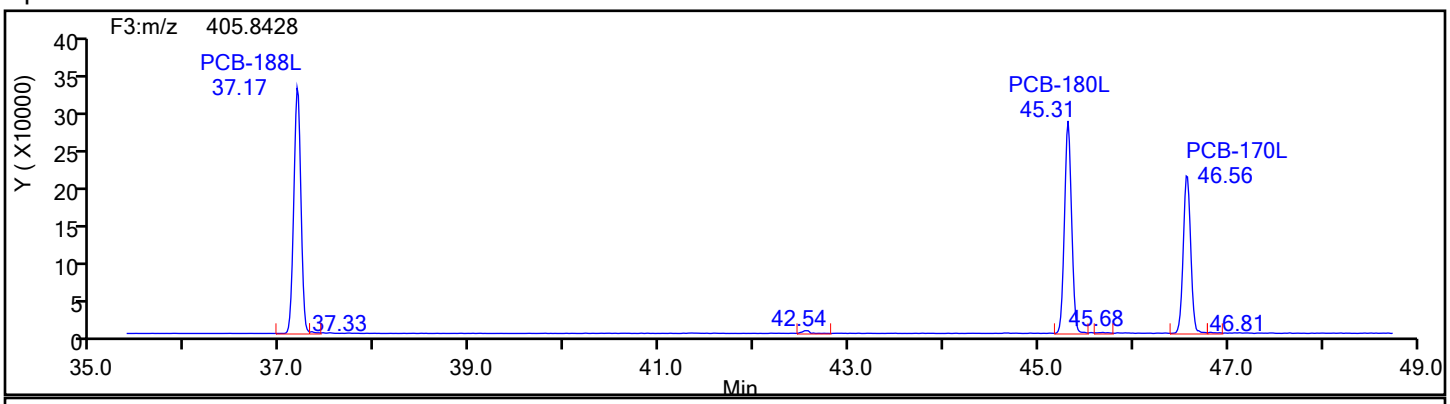
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

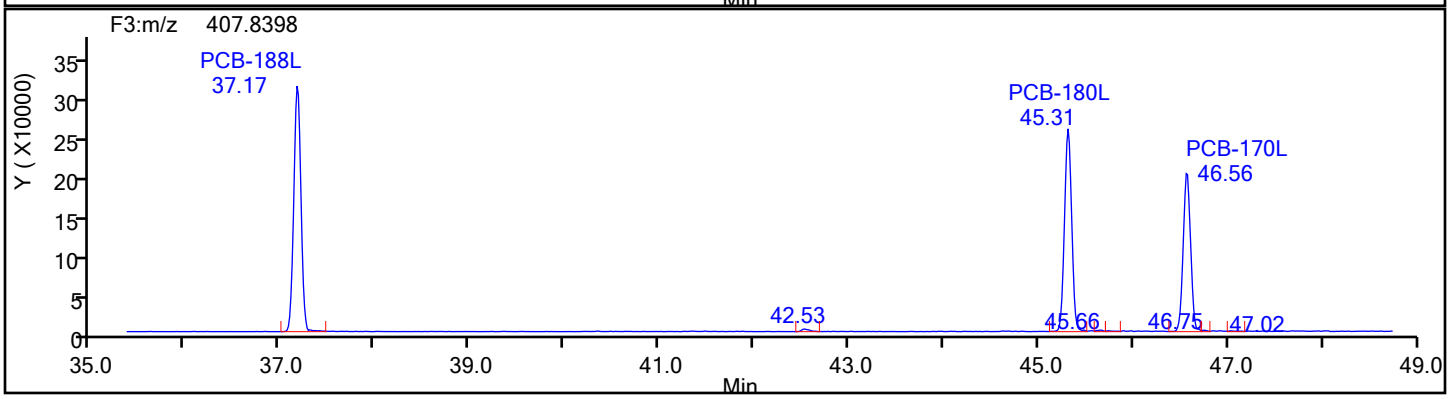
HpPCB F3





HpPCB F3 Standards



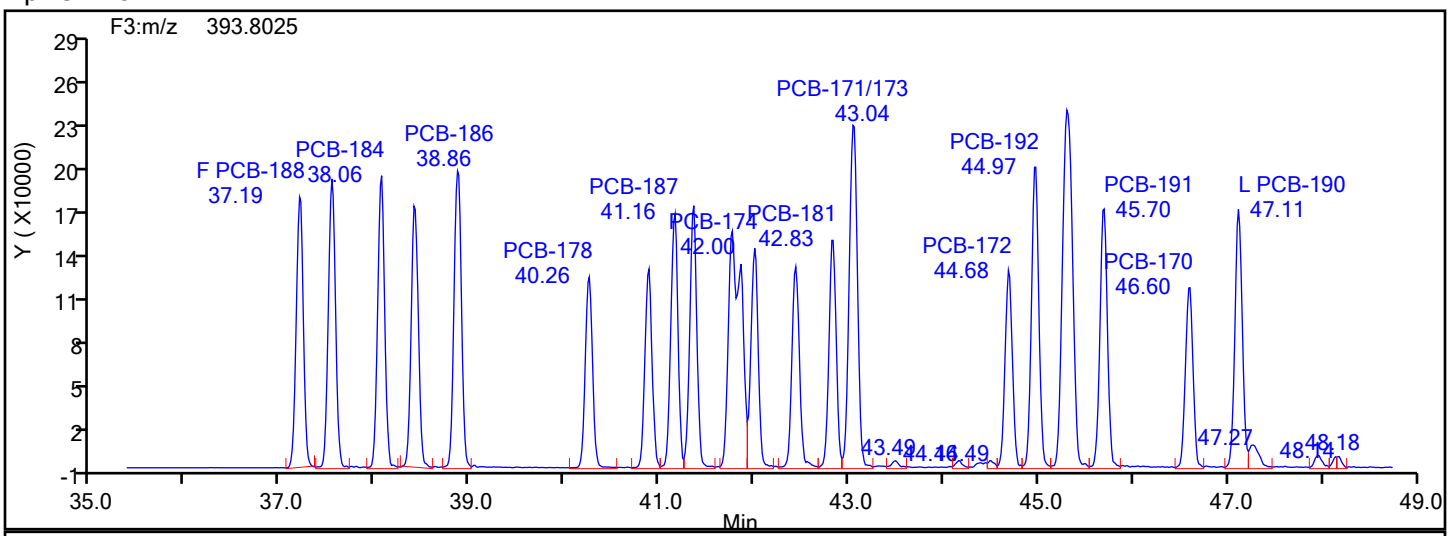


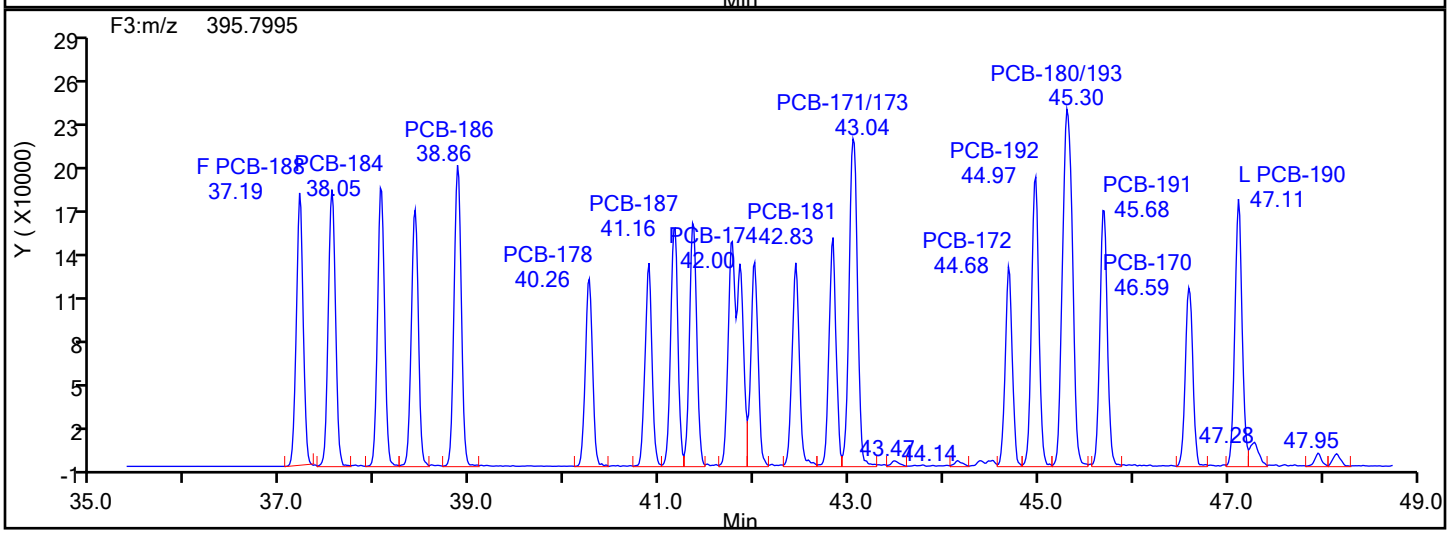
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

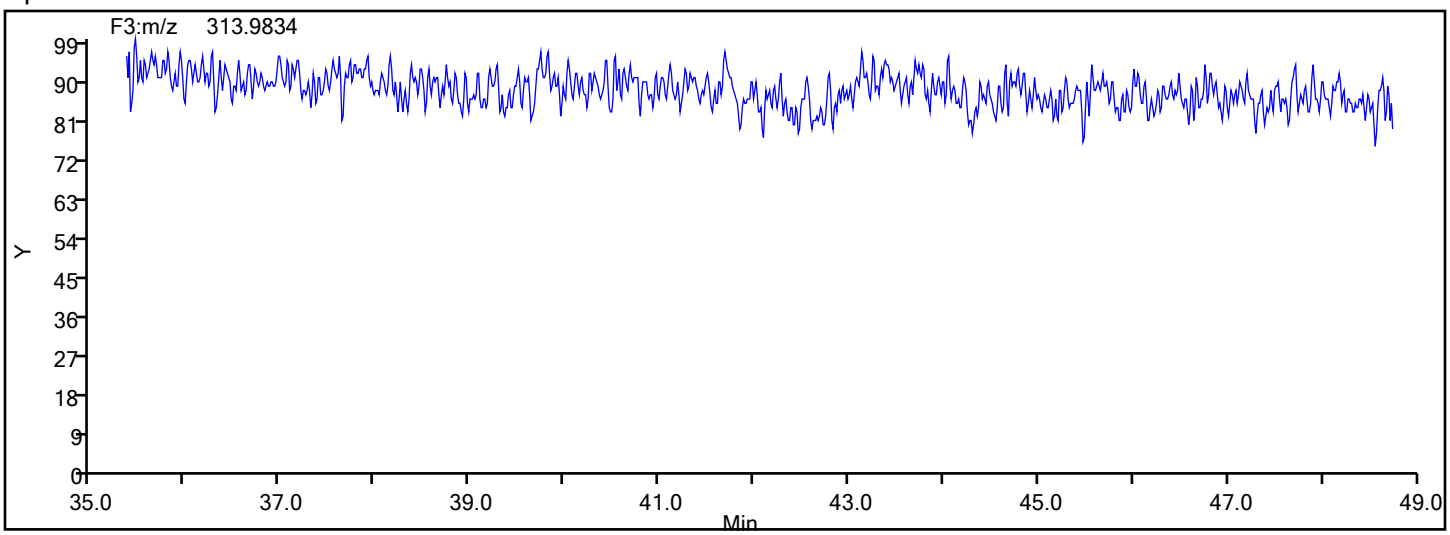
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 2
Column Type: Column Dia:

HpPCB F3





HpPCB F3 Lock Mass



Manual Integration/User Assign Peak Report

Eurofins Knoxville

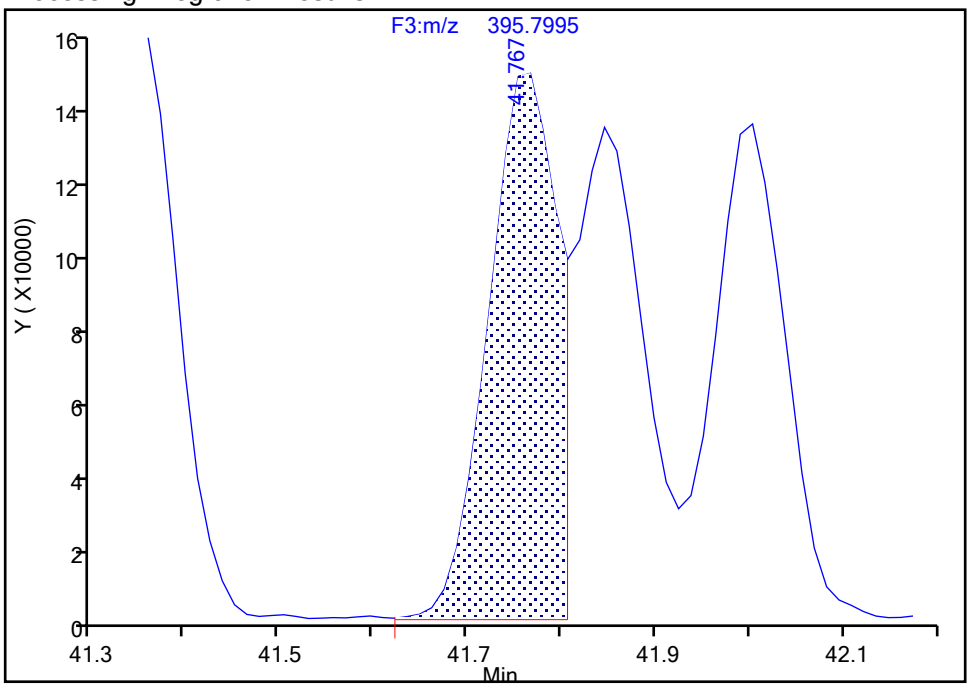
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

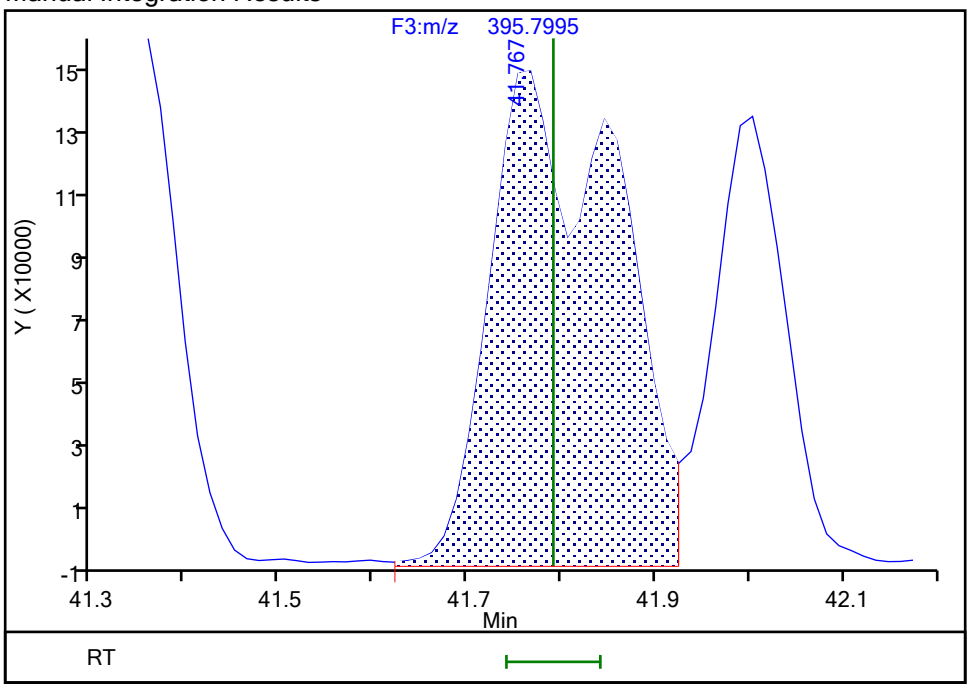
Processing Integration Results

RT: 41.77
Area: 741831
Amount: 56.323637
Amount Units: pg/ul



Manual Integration Results

RT: 41.77
Area: 1397806
Amount: 105.9666
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:31:52 -05:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Knoxville

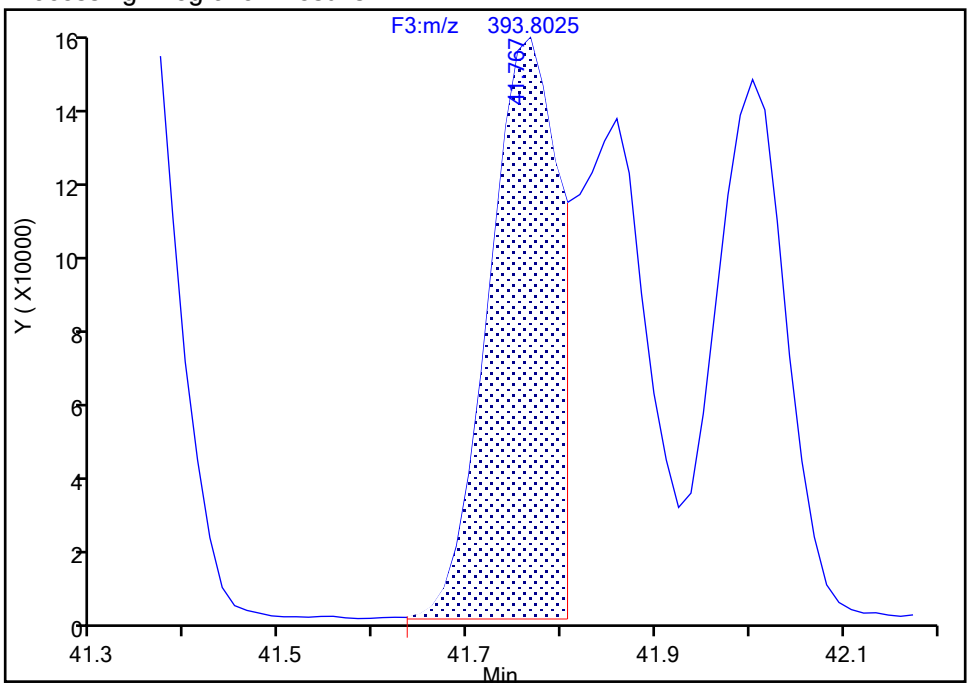
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 1

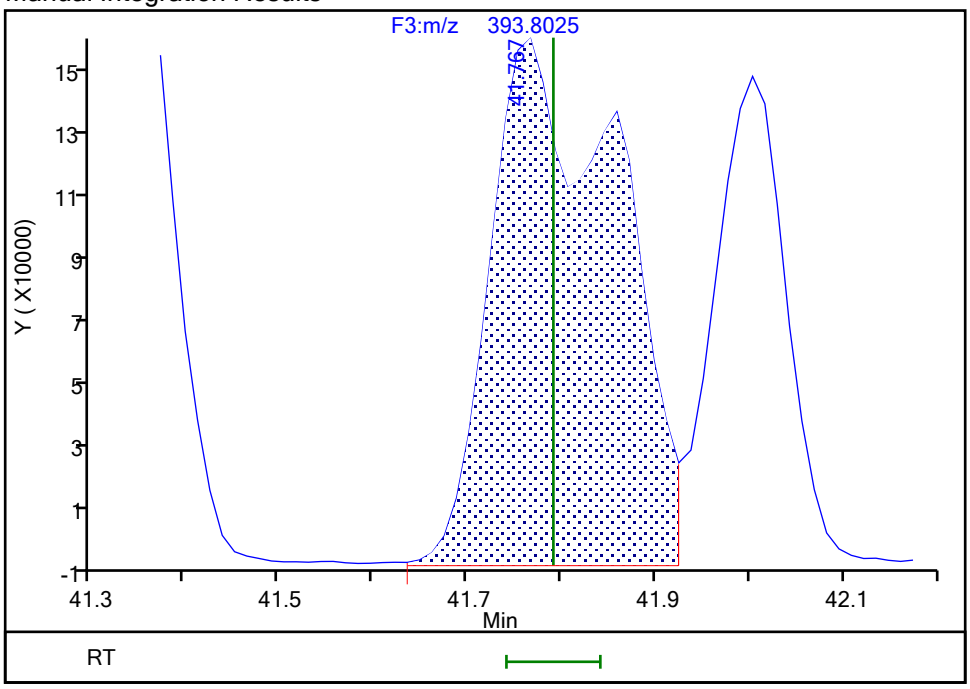
Processing Integration Results

RT: 41.77
Area: 804656
Amount: 56.323637
Amount Units: pg/ul



Manual Integration Results

RT: 41.77
Area: 1511737
Amount: 105.9666
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:32:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

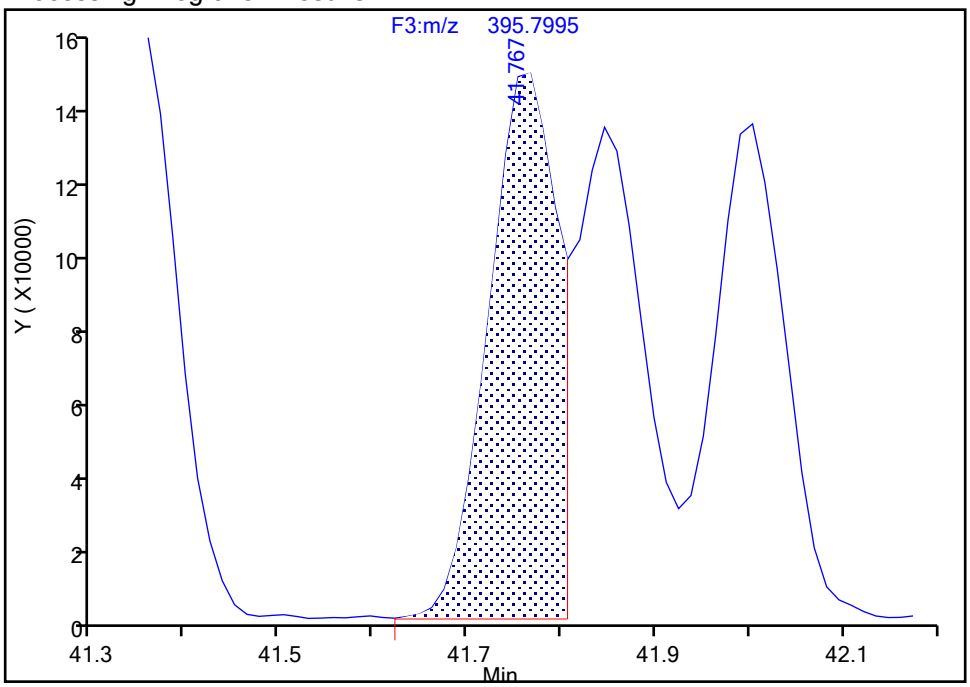
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 2

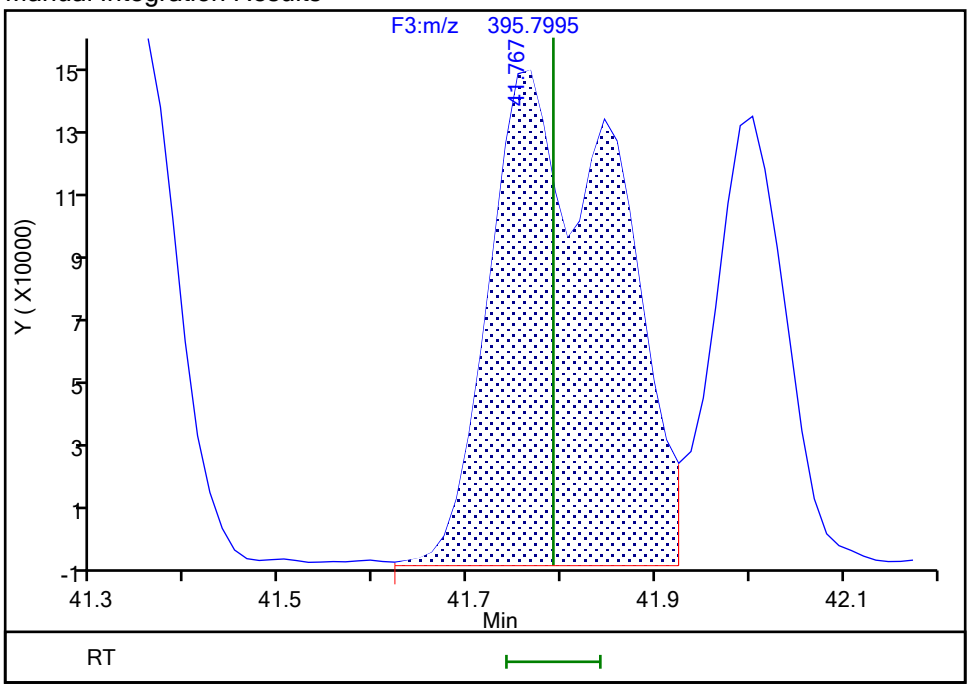
Processing Integration Results

RT: 41.77
Area: 741831
Amount: 56.323637
Amount Units: pg/ul



Manual Integration Results

RT: 41.77
Area: 1397806
Amount: 105.9666
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:32:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

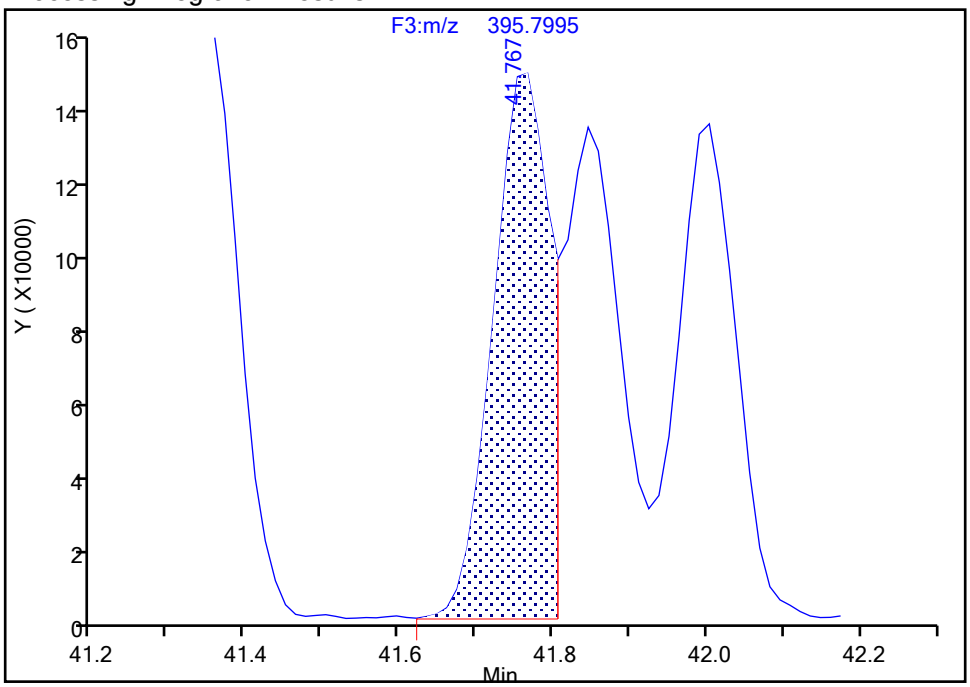
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 3

Processing Integration Results

RT: 41.77
Area: 1546487
Amount: 56.323637
Amount Units: pg/ul



Manual Integration Results

RT: 41.77
Area: 2909543
Amount: 105.9666
Amount Units: pg/ul
Reviewer: V4XA, 04-Jan-2024 00:32:23 -05:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

Manual Integration/User Assign Peak Report

Eurofins Knoxville

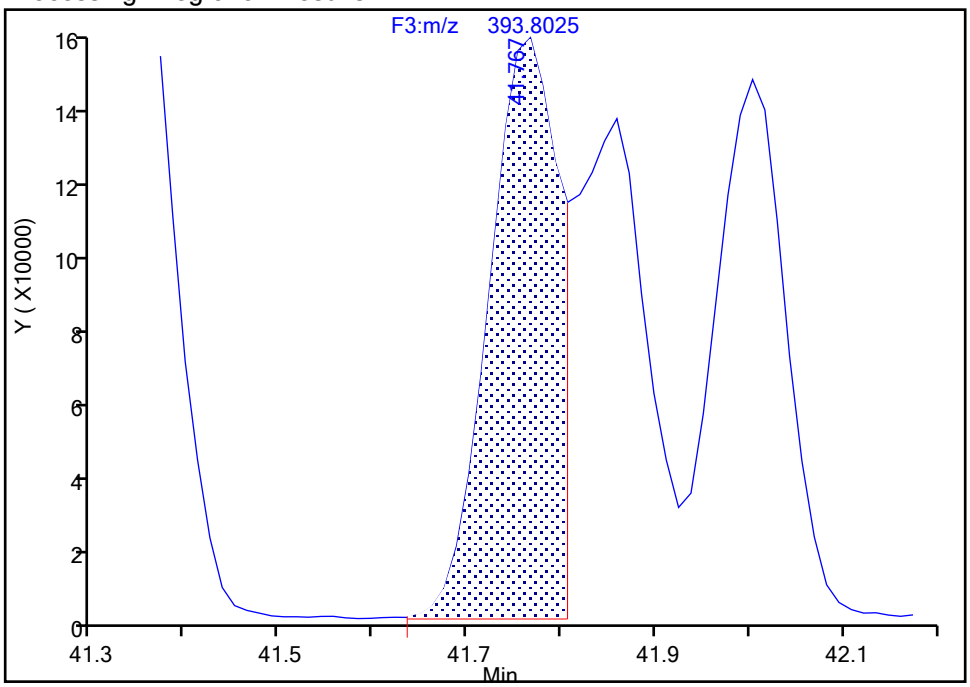
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Instrument ID: D2D
Lims ID: LCS 140-81427/18-B
Client ID:
Operator ID: Xcalibur_System ALS Bottle#: 0 Worklist Smp#: 2
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Column: Detector F3(35.64 :49.10)

PCB-183/185, CAS: STL02297

Signal: 1

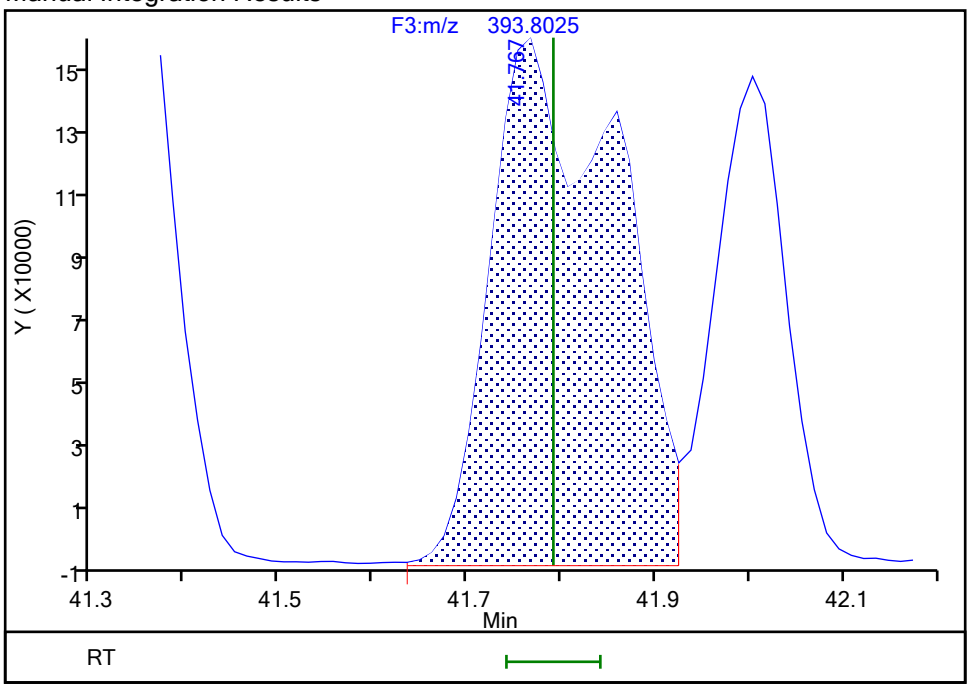
Processing Integration Results

RT: 41.77
Area: 804656
Amount: 56.323637
Amount Units: pg/ul



Manual Integration Results

RT: 41.77
Area: 1511737
Amount: 105.9666
Amount Units: pg/ul



Reviewer: V4XA, 04-Jan-2024 00:32:26 -05:00:00 (UTC)
Audit Action: Manually Integrated/Assigned Compound ID Audit Reason: Baseline

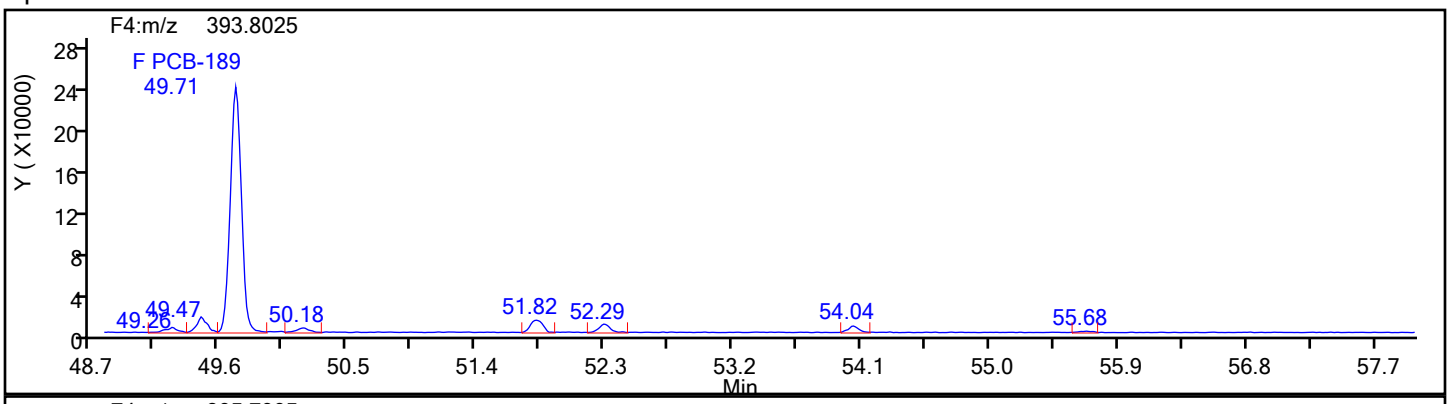
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

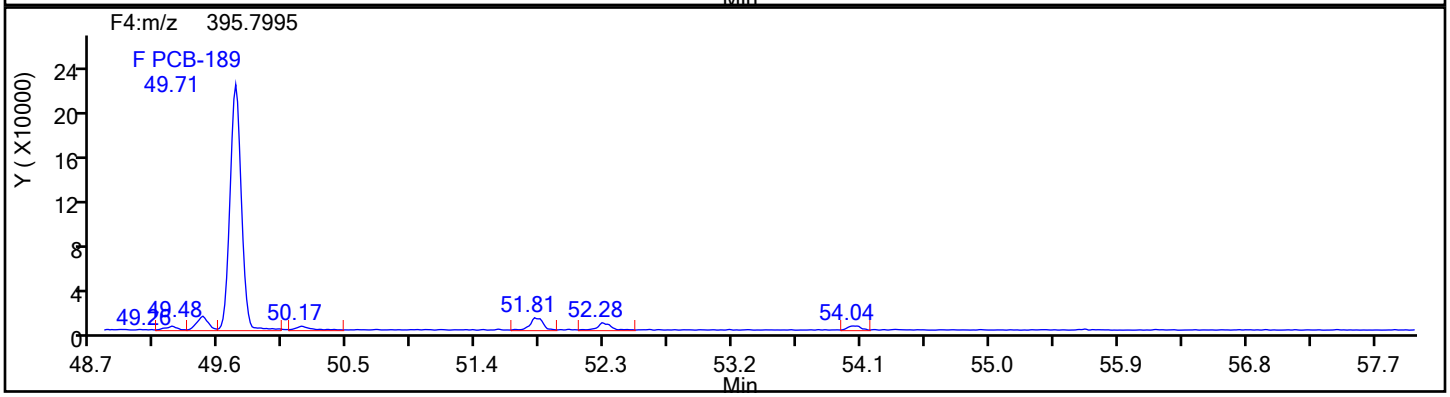
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

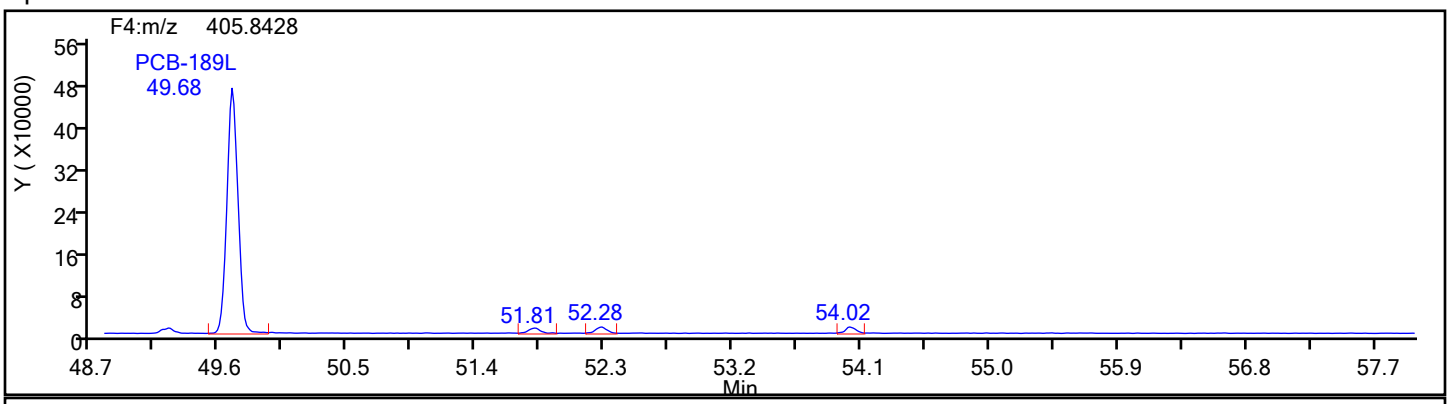
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

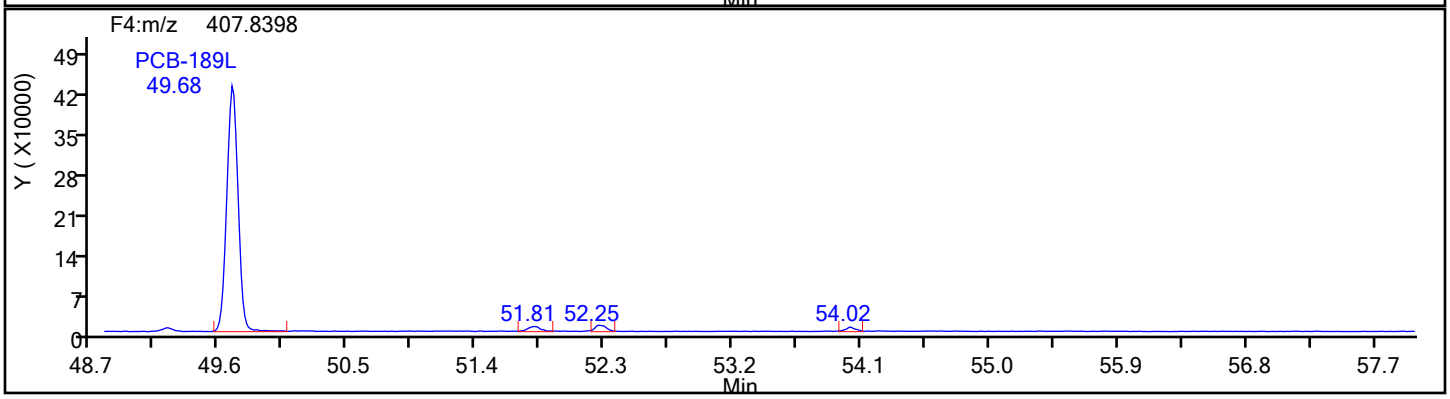
HpPCB F4





HpPCB F4 Standards



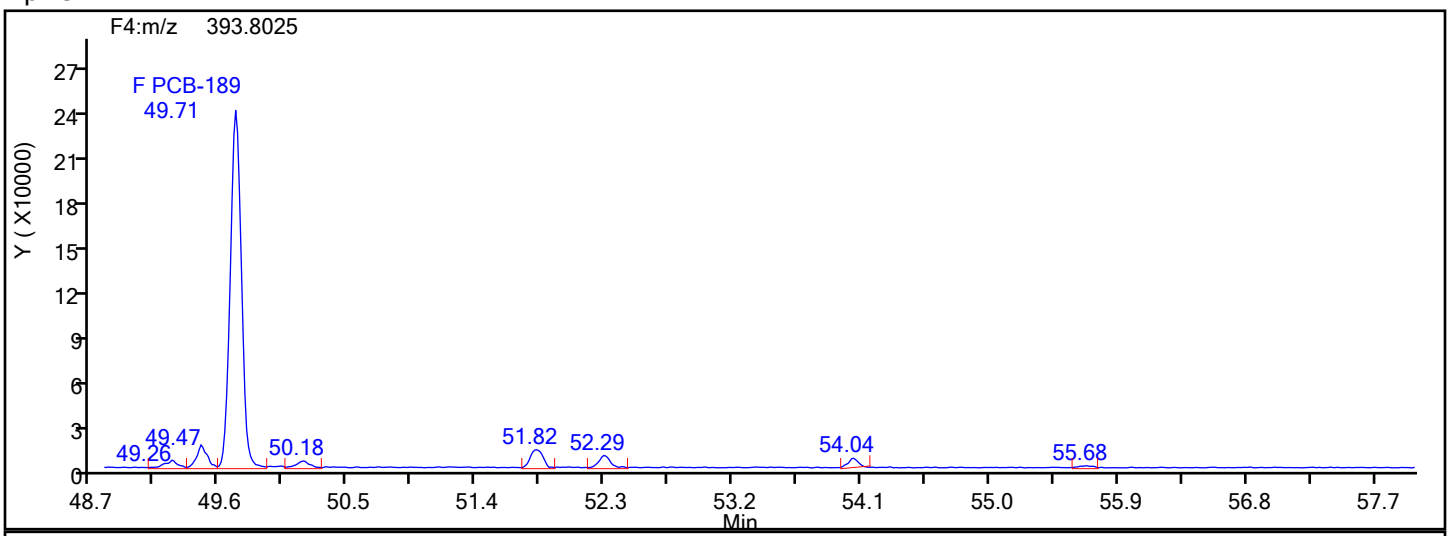


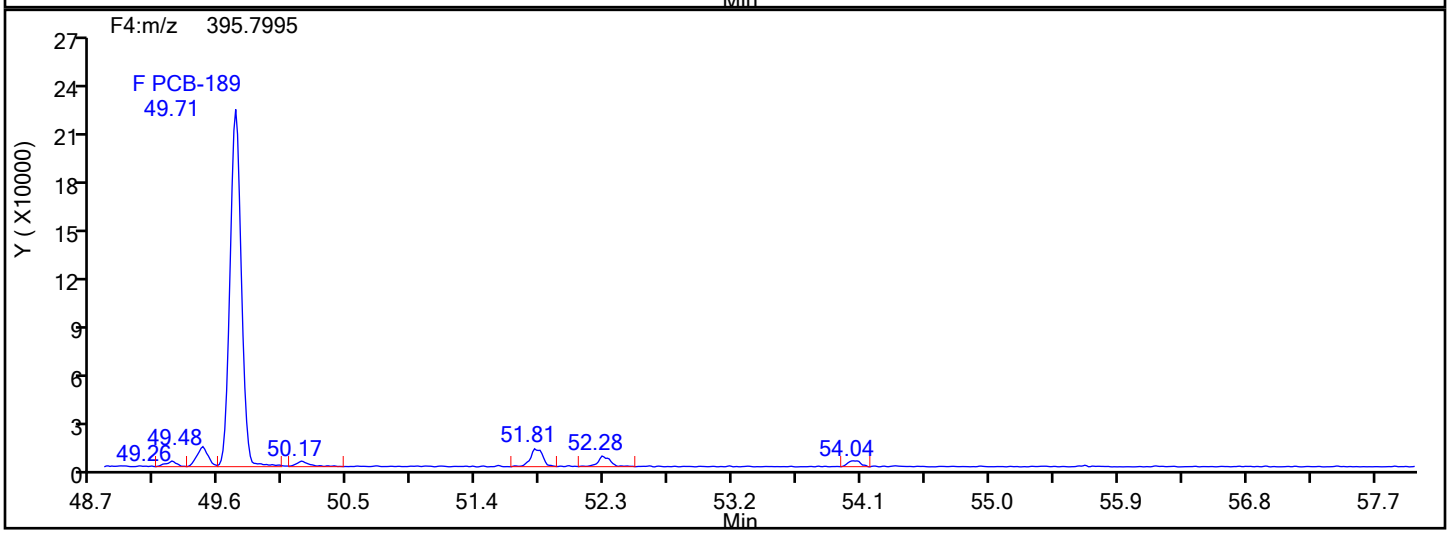
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

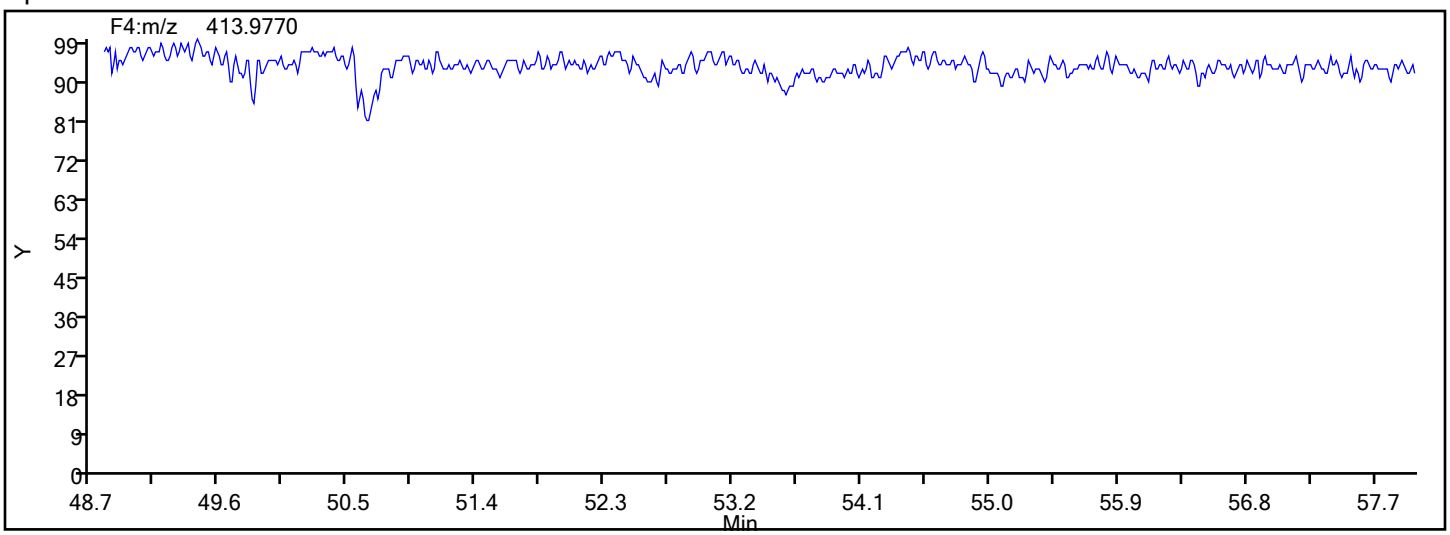
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 2
Column Type: Column Dia:

HpPCB F4





HpPCB F4 Lock Mass



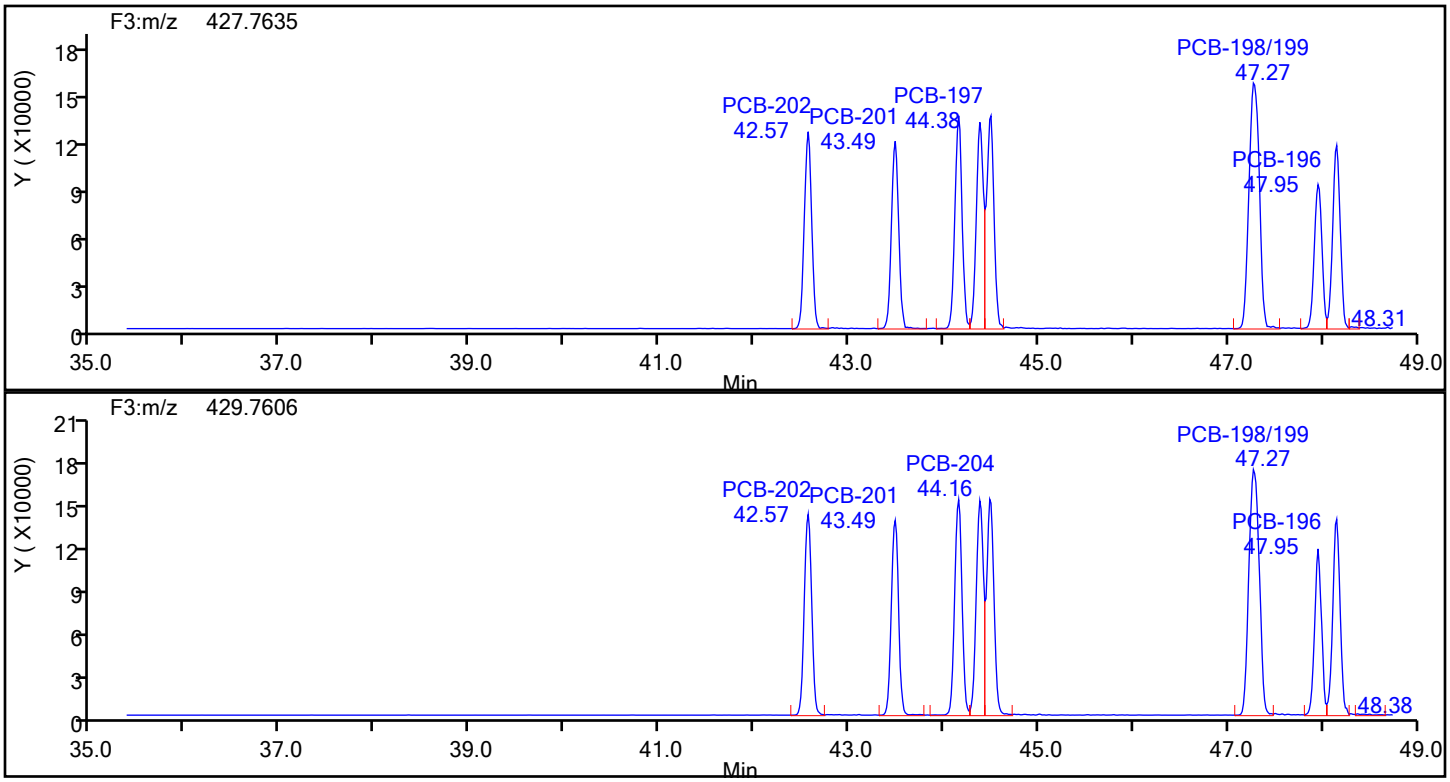
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

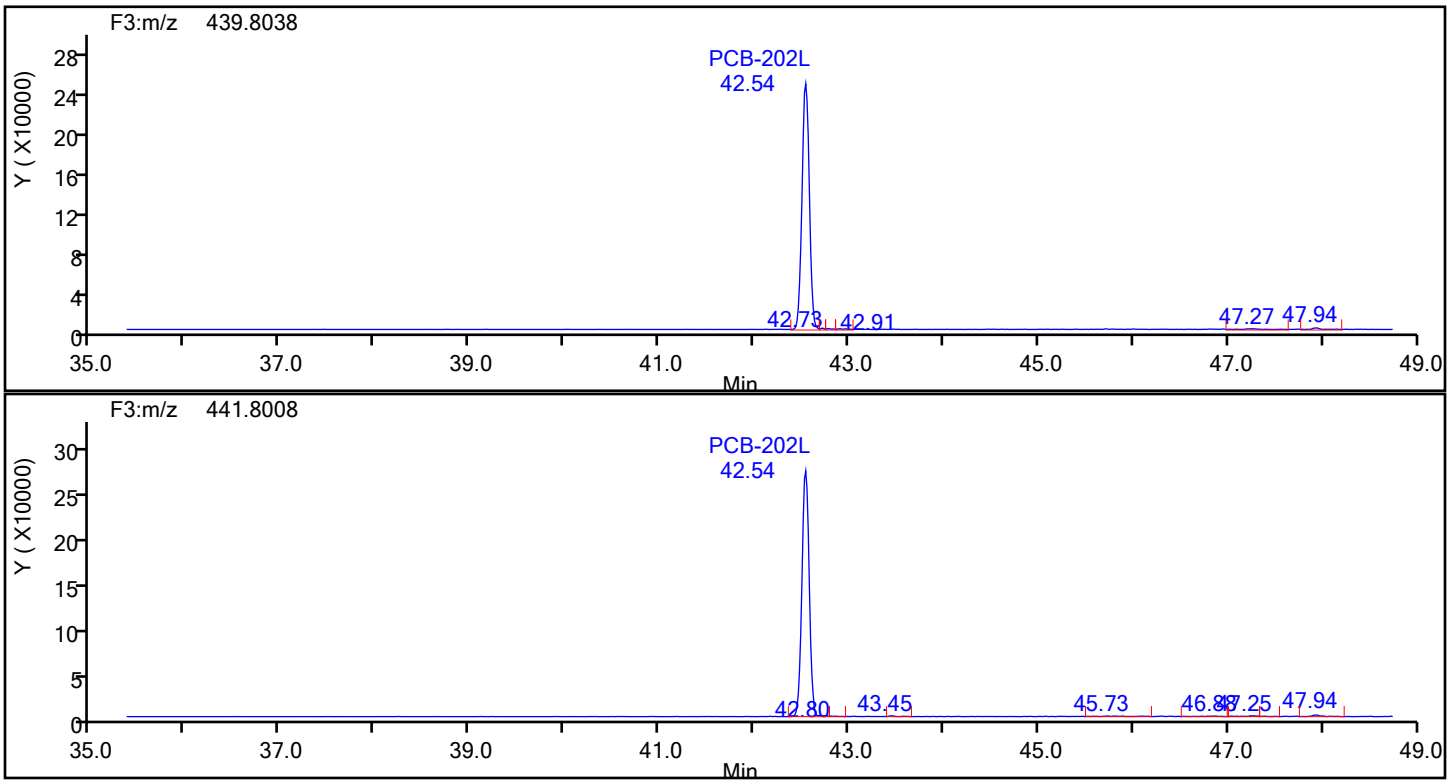
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

OcPCB F3



OcPCB F3 Standards

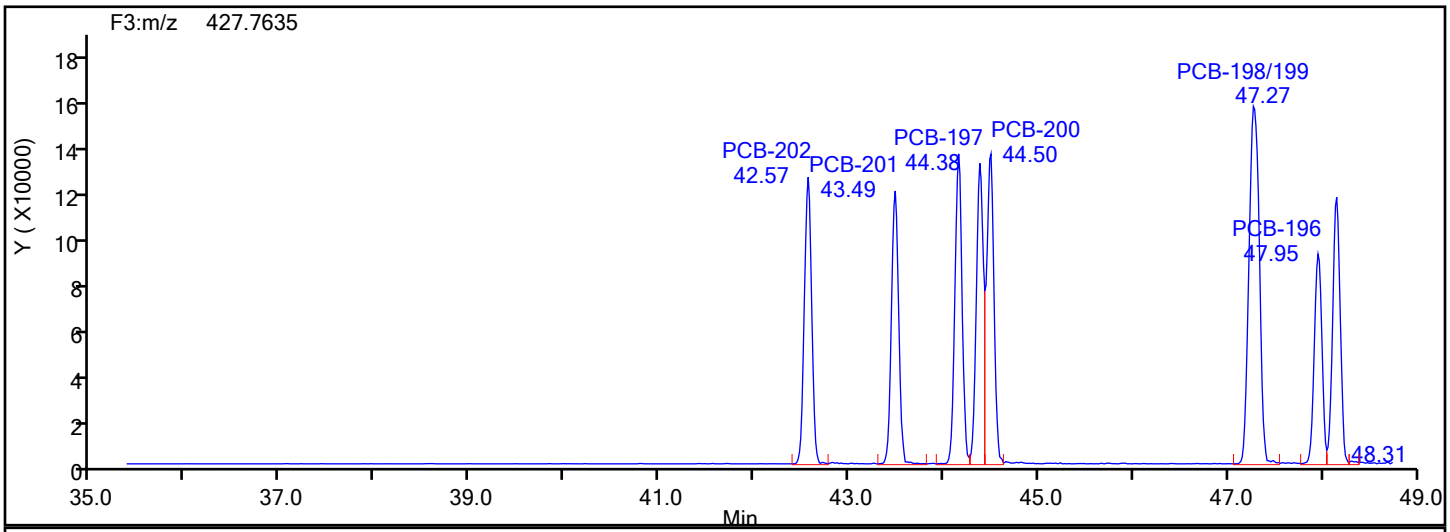


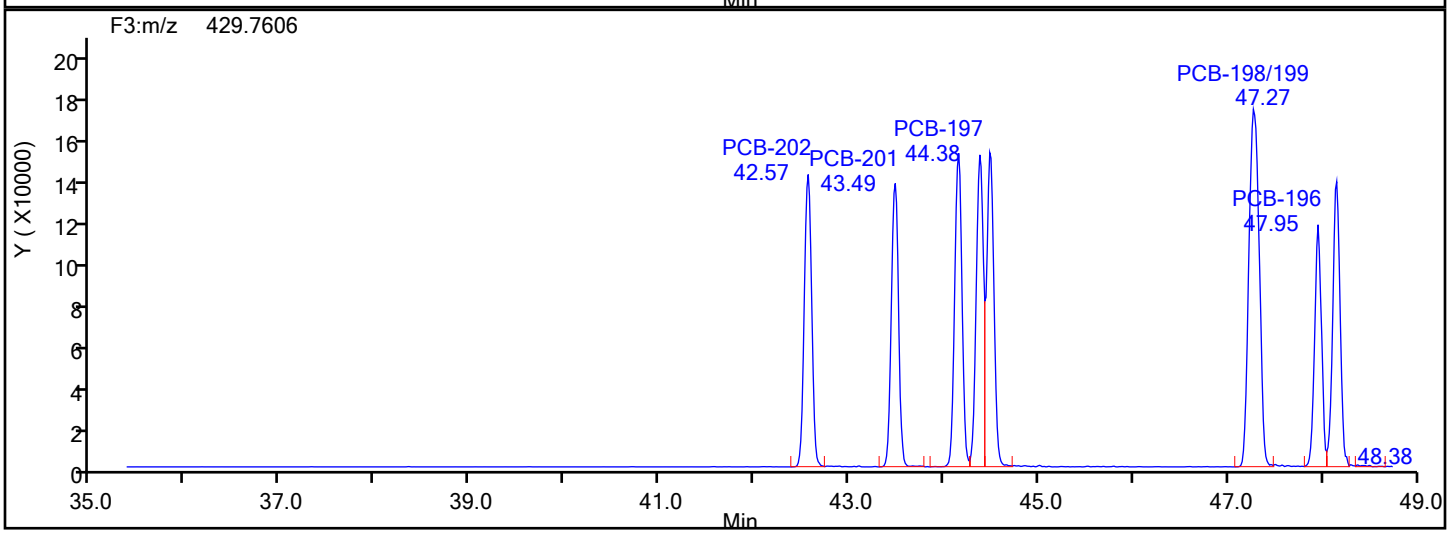
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

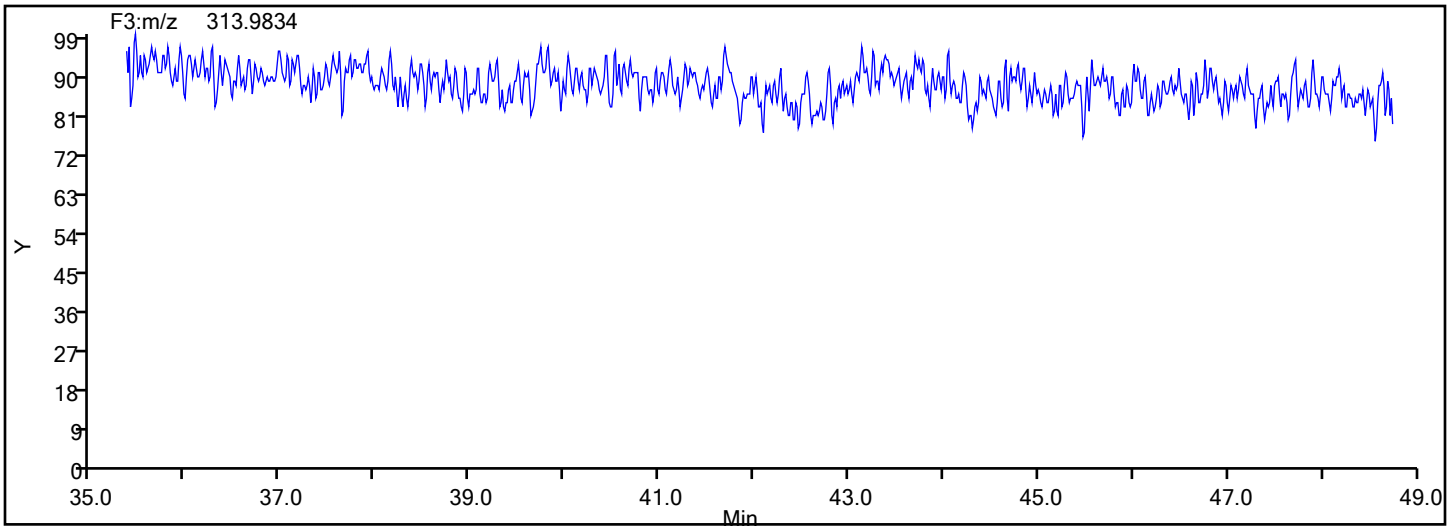
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 2
Column Type: Column Dia:

OcPCB F3





OcPCB F3 Lock Mass



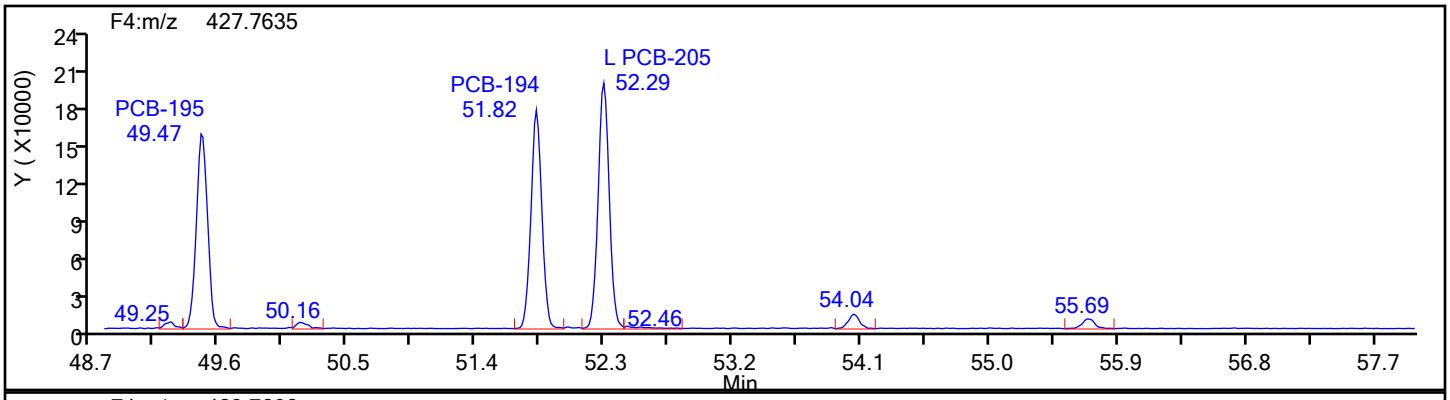
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

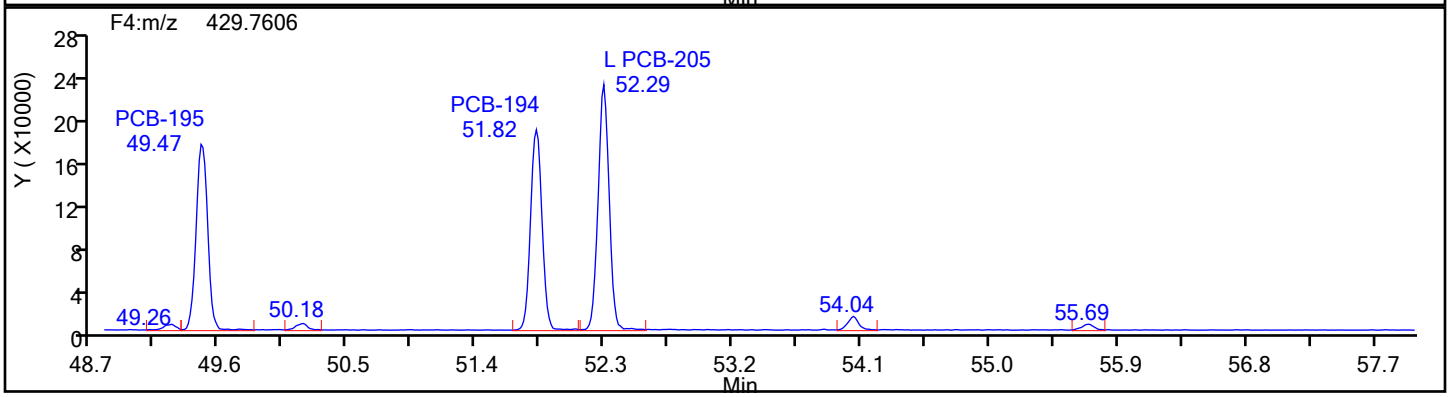
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

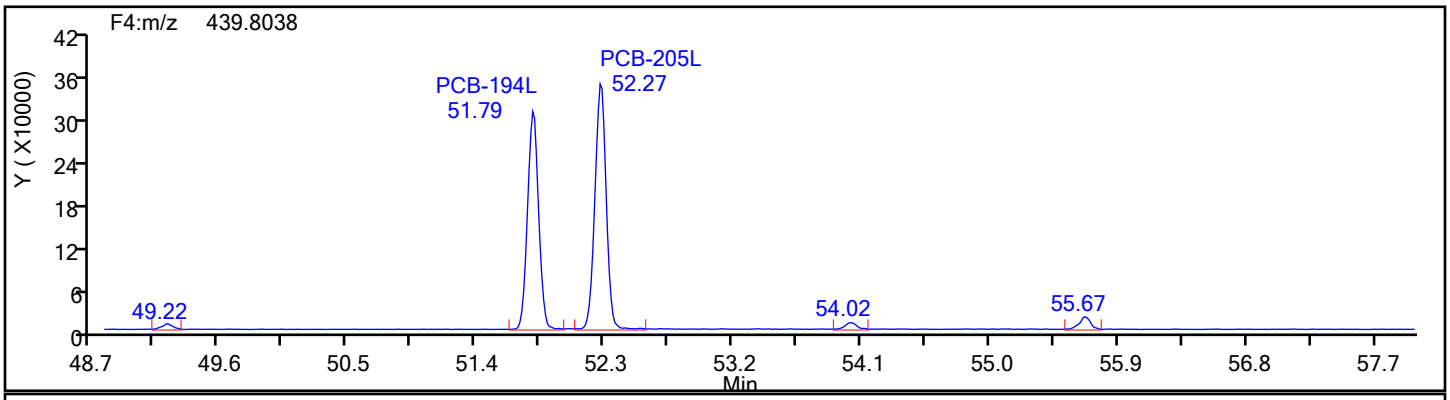
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

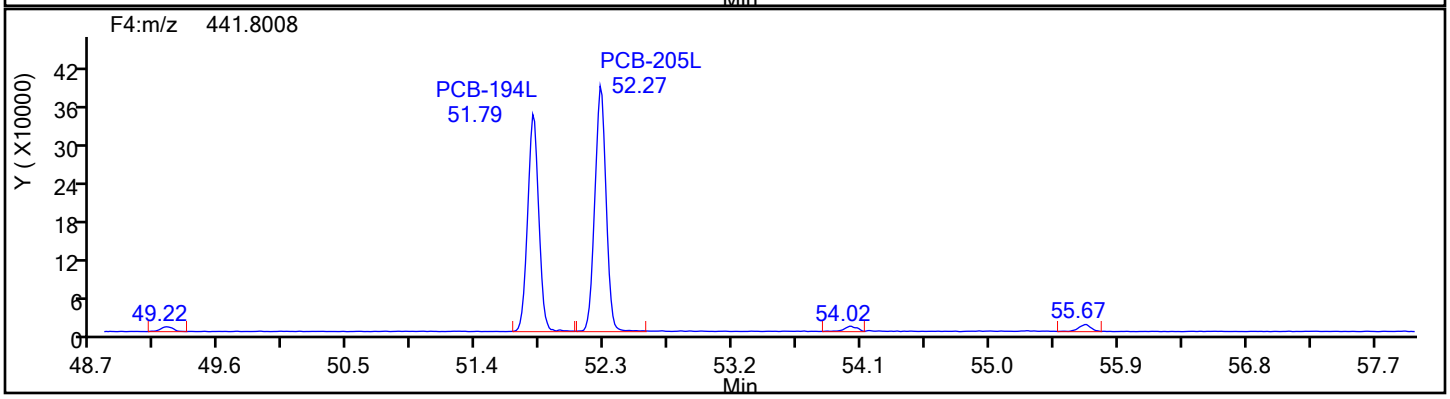
OcPCB F4





OcPCB F4 Standards





Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
Client ID:
Worklist#: 81990 Sample Line#: 2
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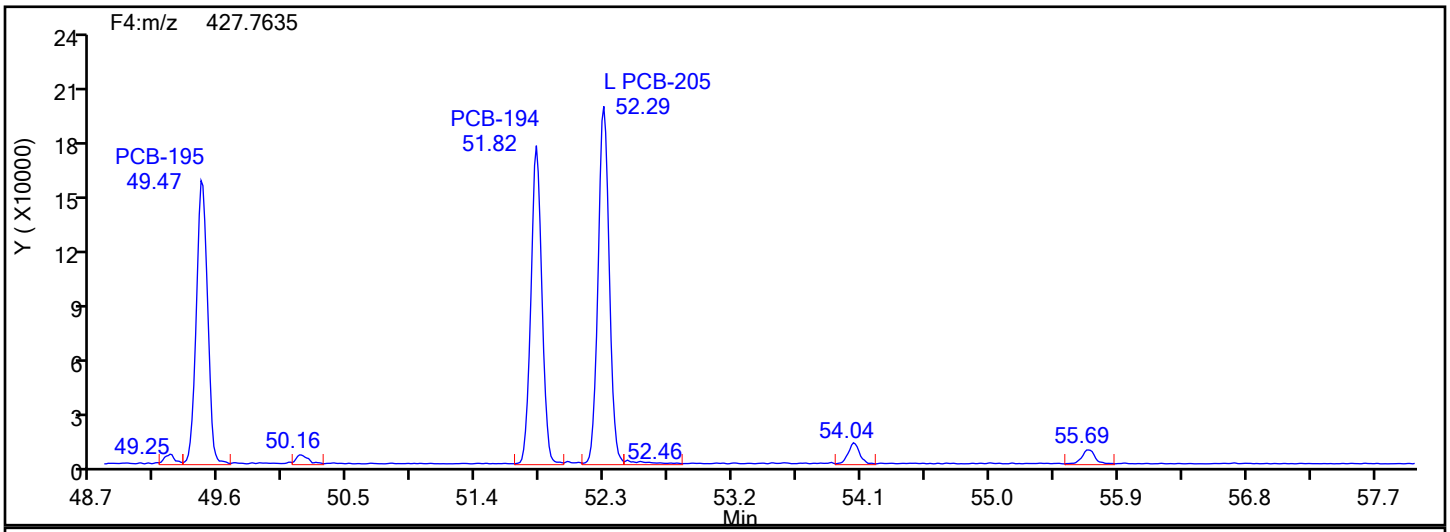
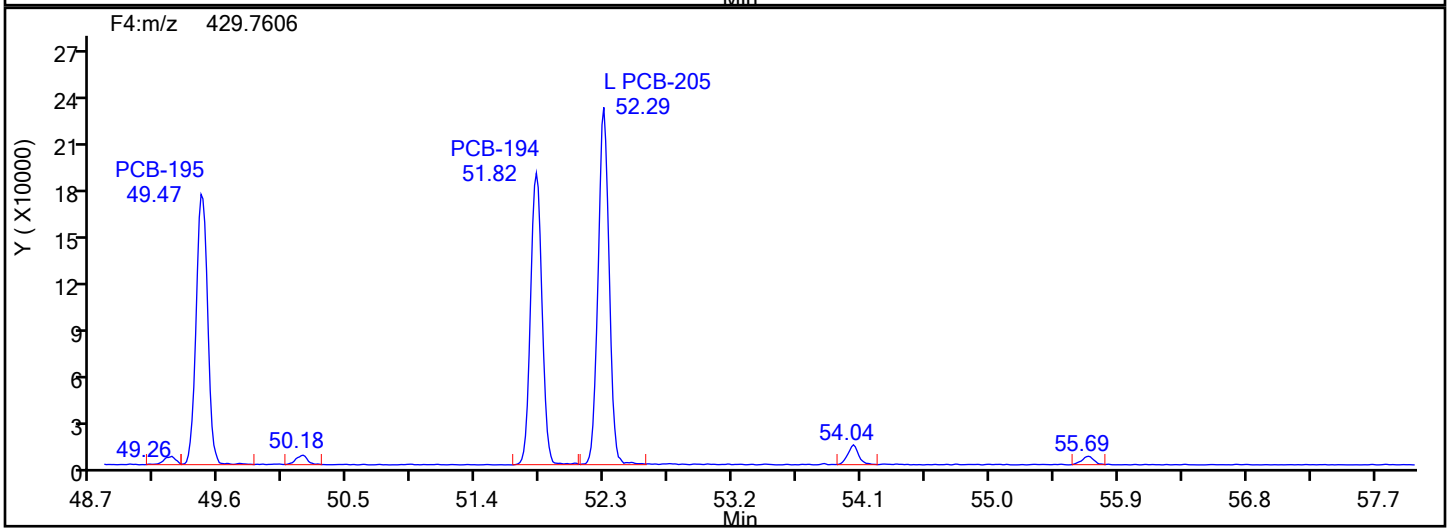
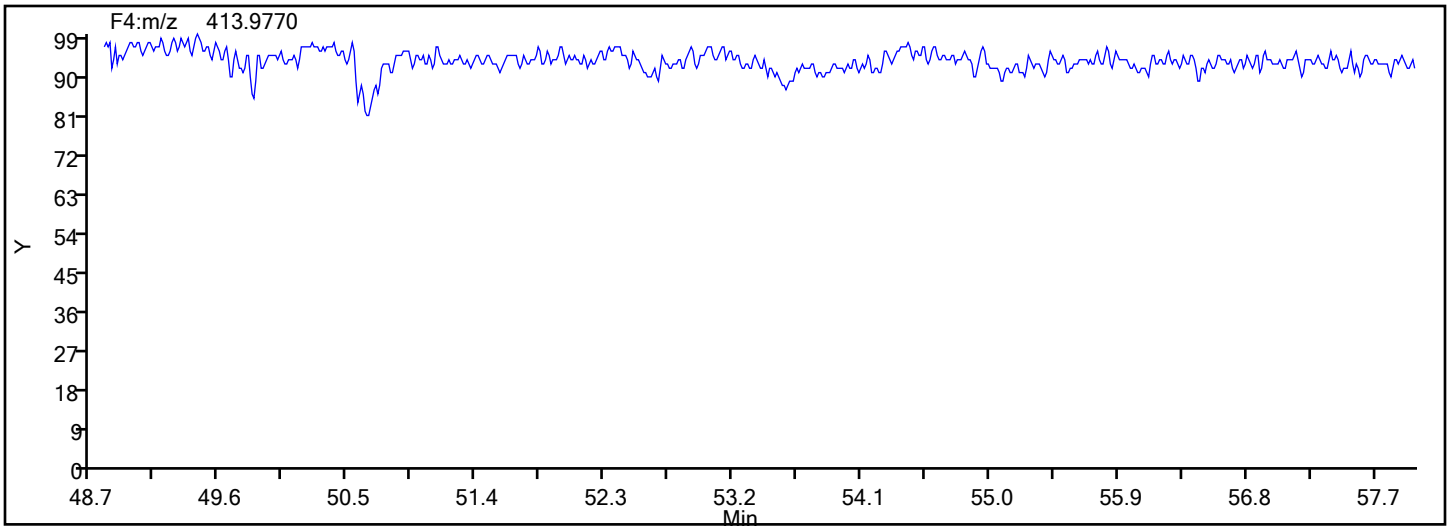
OcPCB F4





OcPCB F4 Lock Mass



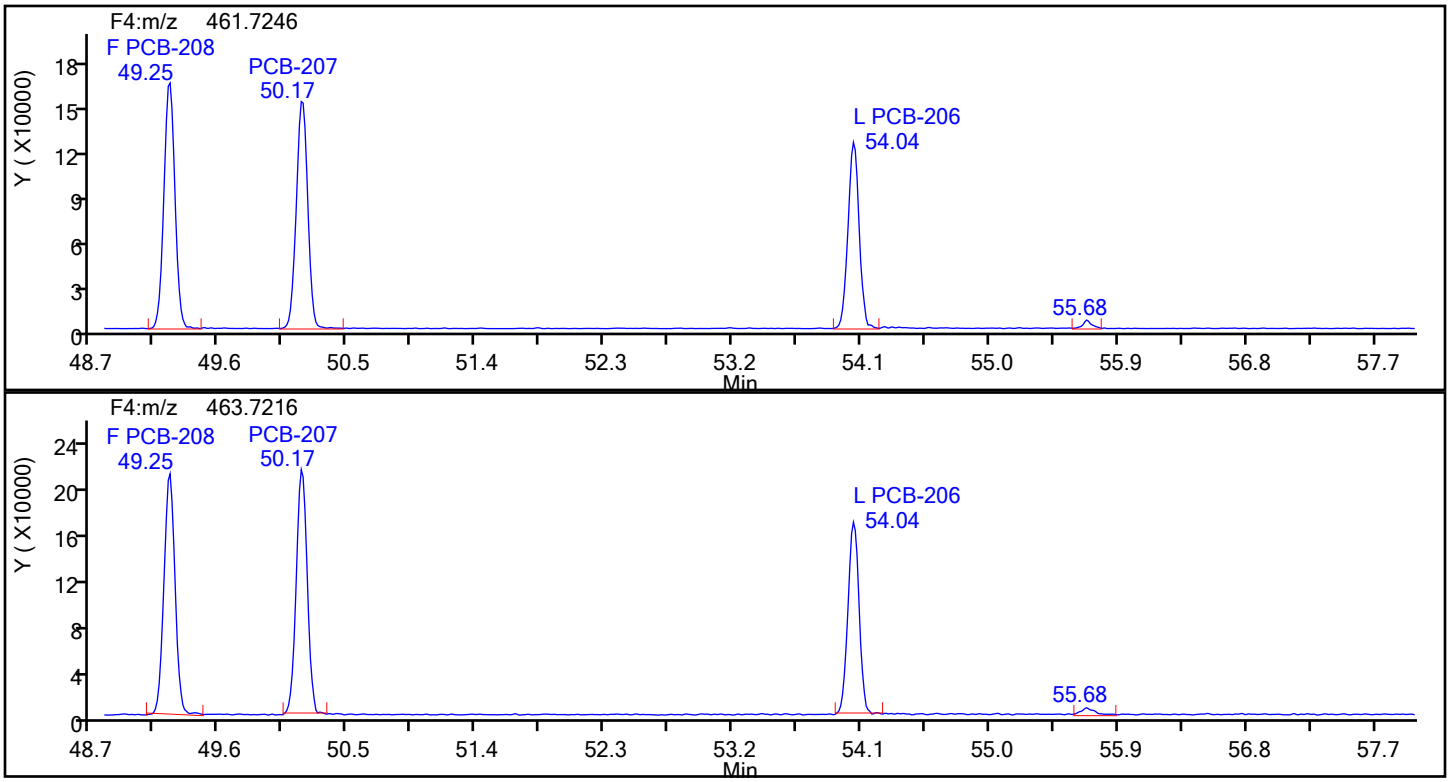
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

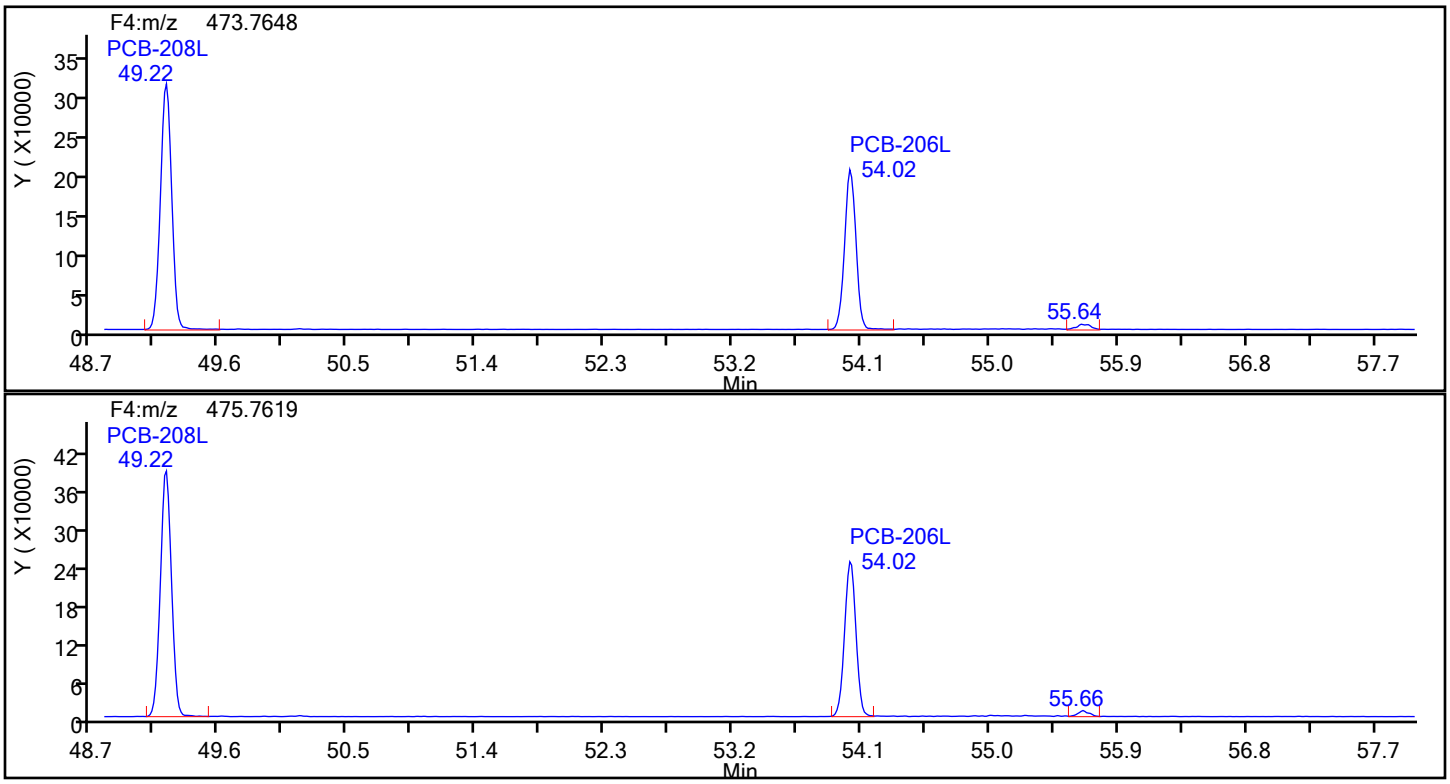
Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

NoPCB F4



NoPCB F4 Standards



Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d
Injection Date: 03-Jan-2024 15:43:00 Injection Vol: 1.0 uL
Instrument ID: D2D Operator ID: Xcalibur_System
Method: PCBs_D2D Limit Group: HR - 1668A - ICAL
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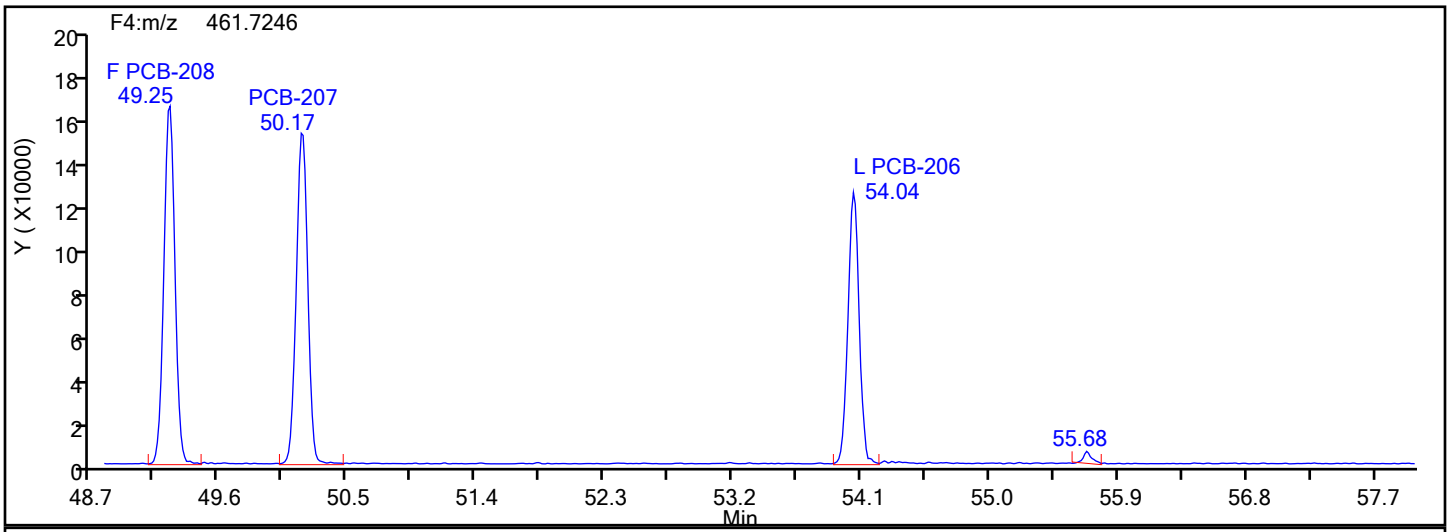
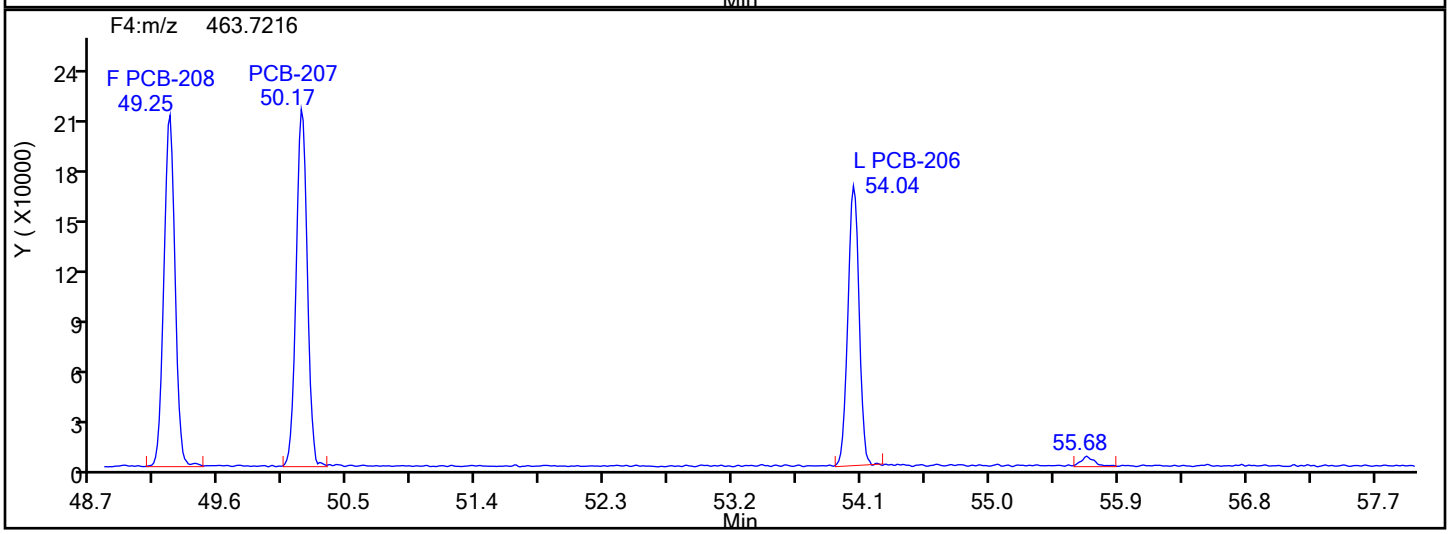
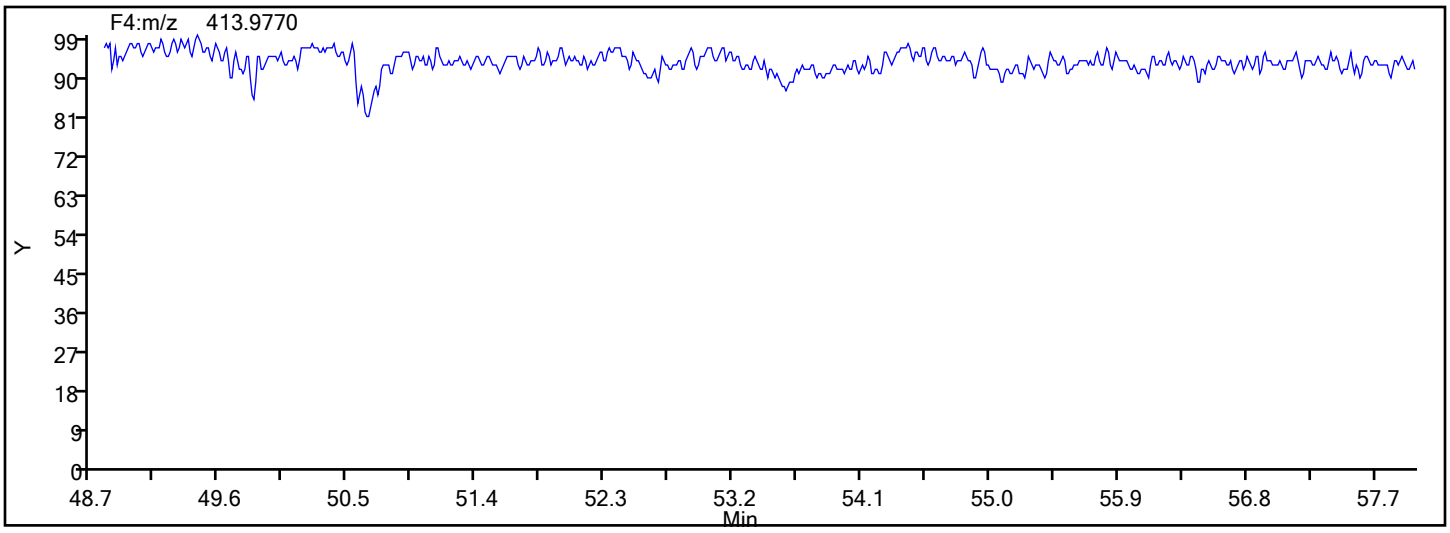
Column Type: Column Dia:

NoPCB F4





NoPCB F4 Lock Mass



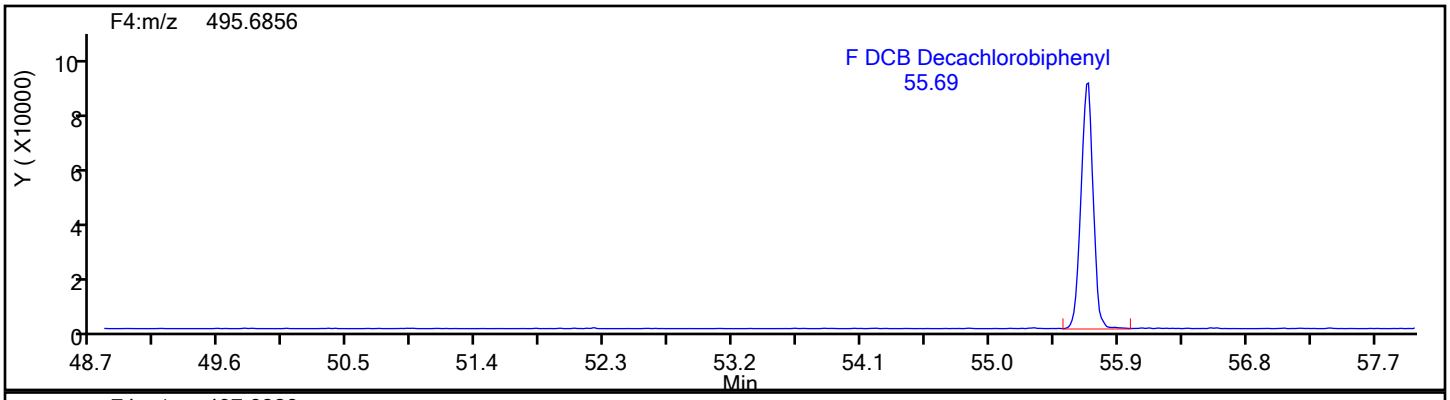
Report Date: 04-Jan-2024 00:32:41 Chrom Revision: 2.3 15-Nov-2023 20:54:34

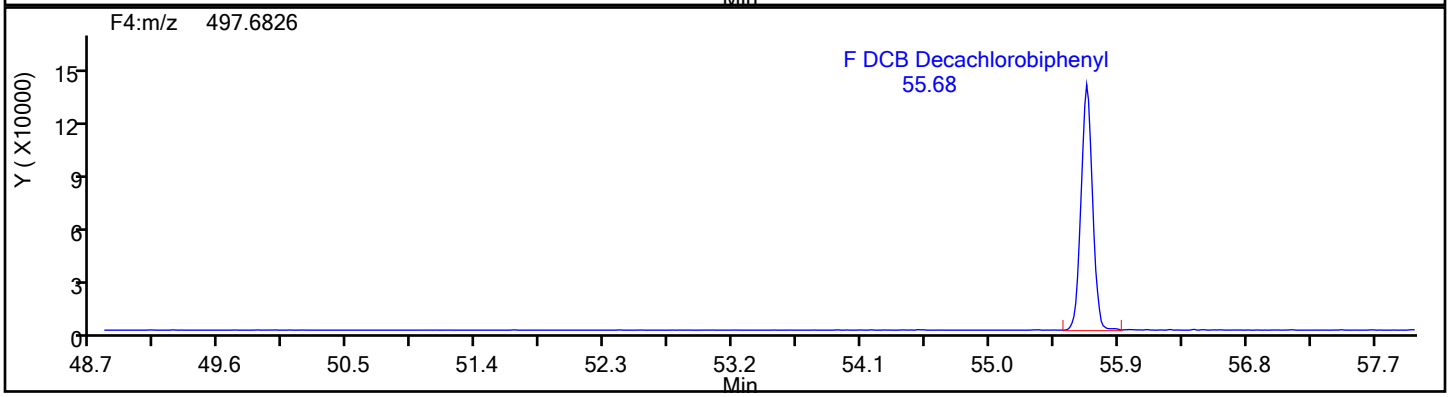
Eurofins Knoxville

Data File: \\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d

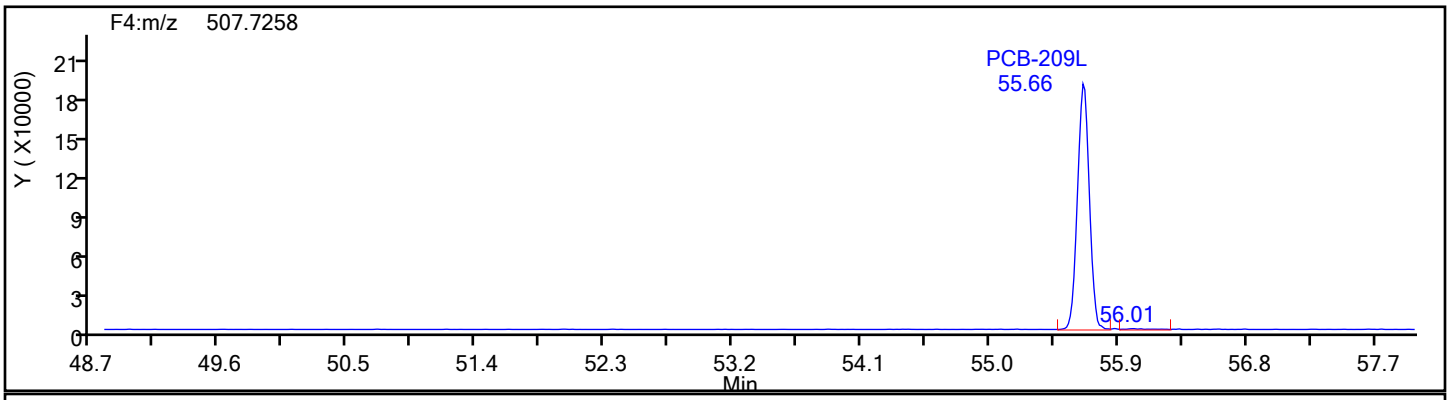
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

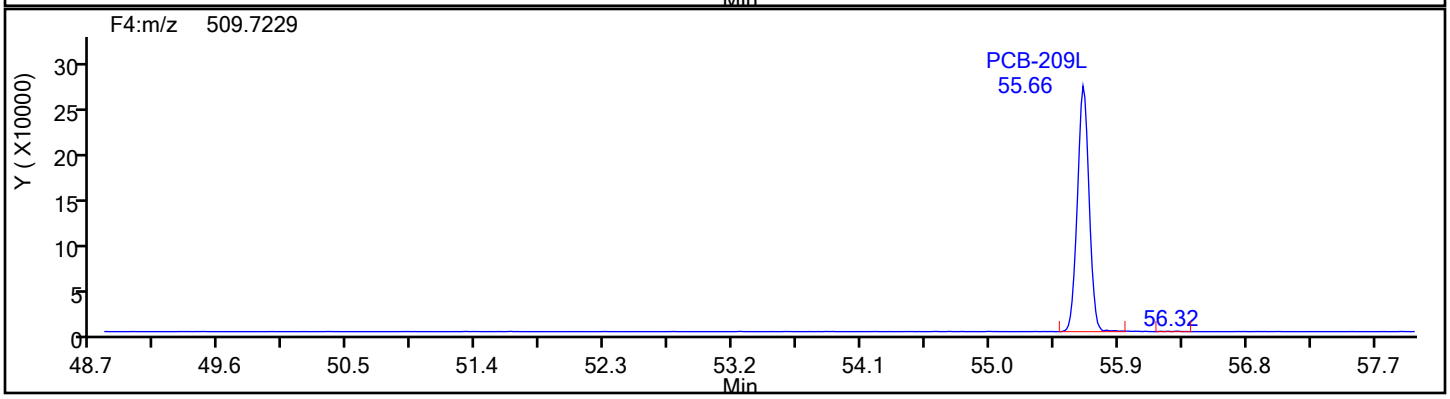
DePCB F4





DePCB F4 Standards



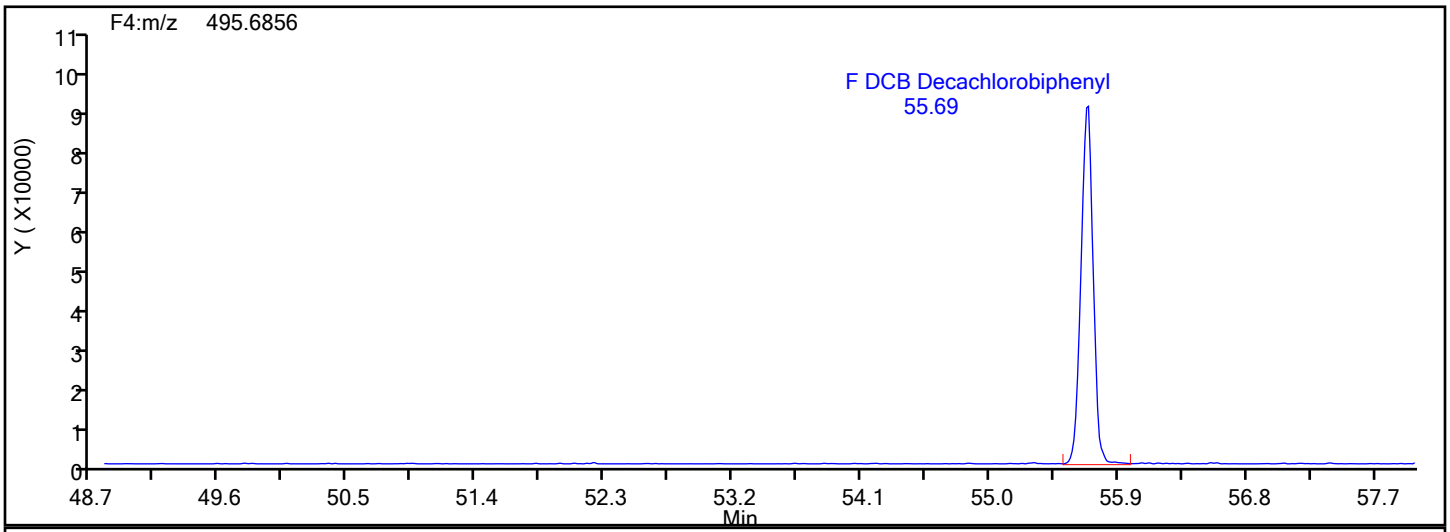


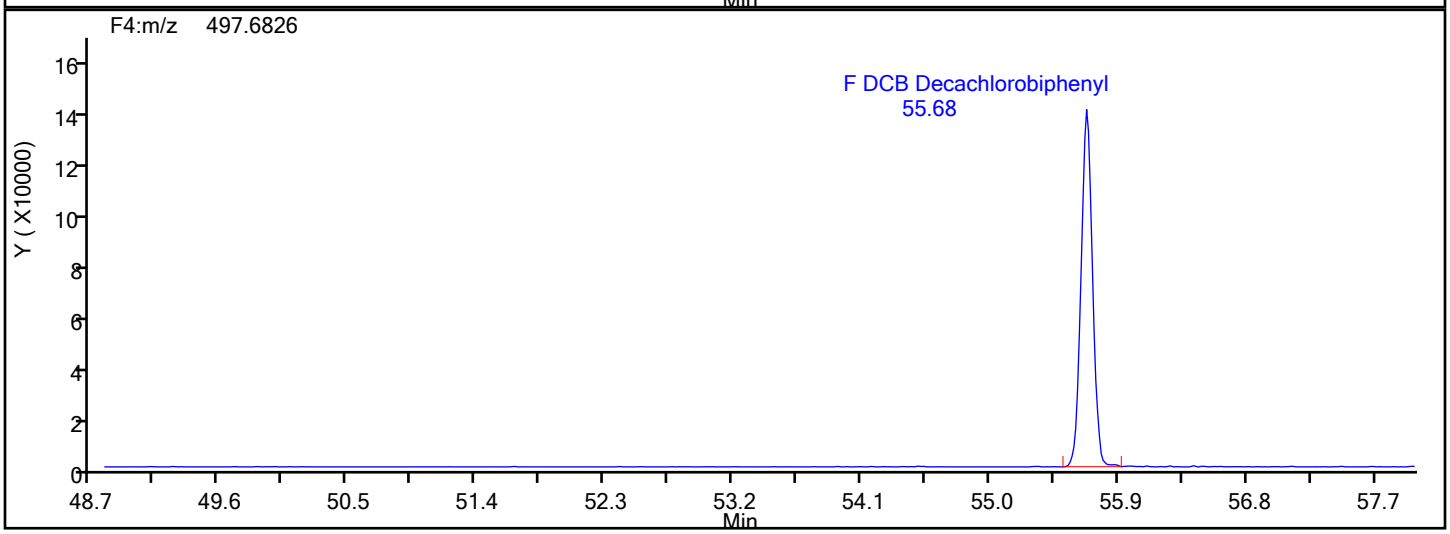
Report Date: 04-Jan-2024 00:32:42 Chrom Revision: 2.3 15-Nov-2023 20:54:34

Eurofins Knoxville

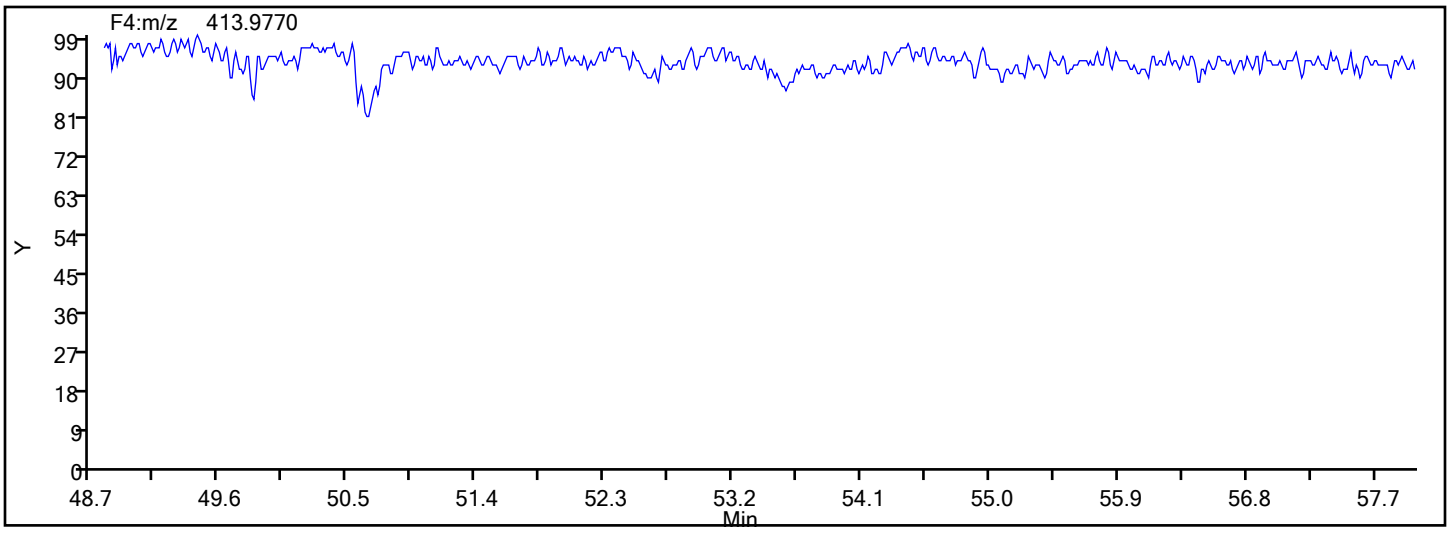
Data File:	\\chromfs\Knoxville\ChromData\D2D\20240103-31071.b\lcs140-8142718-b.d		
Injection Date:	03-Jan-2024 15:43:00	Injection Vol:	1.0 uL
Instrument ID:	D2D	Operator ID:	Xcalibur_System
Method:	PCBs_D2D	Limit Group:	HR - 1668A - ICAL
Client ID:			
Worklist#:	81990	Sample Line#:	2
Column Type:		Column Dia:	

DePCB F4





DePCB F4 Lock Mass



HI-RES PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Start Date: 10/08/2021 11:14

Analysis Batch Number: 54640 End Date: 10/08/2021 19:20

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 140-54640/1		10/08/2021 11:14	1	d3211008ic1.d	SPB-Octyl 0.25(mm)
IC 140-54640/2		10/08/2021 12:38	1	d3211008ic2.d	SPB-Octyl 0.25(mm)
IC 140-54640/3		10/08/2021 13:53	1	d3211007ic3.d	SPB-Octyl 0.25(mm)
IC 140-54640/4		10/08/2021 14:53	1	d3211007ic4.d	SPB-Octyl 0.25(mm)
IC 140-54640/5		10/08/2021 15:56	1	d3211007ic5.d	SPB-Octyl 0.25(mm)
IC 140-54640/6		10/08/2021 16:58	1	d3211007ic6.d	SPB-Octyl 0.25(mm)
ICV 140-54640/7		10/08/2021 19:20	1	d3211007icv.d	SPB-Octyl 0.25(mm)

Eurofins/TestAmerica Knoxville Specialty Organics Group GC/MS Initial Calibration Data Review Checklist
Method 1668 or SOP Number: KNOX-ID-0013 Revision 19

Mass Res Date/Time:	10/8/21 10:16	Inst:	D2D	2nd Source Filename:	d3211008icv
ADII Batch #(s):	54640, 54641	WL #:	21000	Job #:	N/A

CS0.5 Filename	CS1 Filename	CS2 Filename	CS3 Filename	CS4 Filename	CS5 Filename
d3211008ic1	d3211008ic2	d3211008ic3	d3211008ic4	d3211008ic5	d3411008ic6

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd √
1. Was the mass resolution documented before beginning the initial calibration?		✓			✓
2. Was the instrument resolution ≥8,000 throughout (≥ 10,000 for m/z 342.9792, PFK) and ≥10,000 in the center of each m/z range for the PFK masses or FC43 masses?		✓			✓
3. Were the measured exact masses listed above within 5 ppm at reduced accelerating voltage?		✓			✓
4. Have PCB Mixes 1 - 5 been analyzed using the installed column to assign congener retention times, method retention times, and MID switch points?		✓			✓
5. Were the calibration standard solutions, at the number and concentrations specified in the SOP, analyzed?		✓			✓
6. Was date/time of analysis verified as correct?		✓			✓
7. Was the valley height less than 40% of the height of the shorter of the two peaks for the pair PCB 23 and PCB 34, and the pair PCB 182 and PCB 187 in the CS3 standard?		✓			✓
8. Did the PCB co-elution 156/157 co-max within 2 seconds at peak maximum on the SPB-octyl?		✓			✓
9. Was the absolute retention time of PCB 209 greater than 55 minutes in the CS3 standard?		✓			✓
10. Were the response factors calculated for each labeled standard and unlabeled native analyte using the SOP specified reference compound (Table 2), quantitation ions (Table 8), and formula (10.3.4.2)?		✓			✓
11. Is the %RSD acceptable for all native analytes (within ± 20% calculated by IDAs, and within ± 35% when not calculated by IDAs)?		✓			✓
12. Is the %RSD acceptable (within ± 35%) for all labeled standards?		✓			✓
13. Are all S/N ratios ≥10 for the GC signals in each EICP (extracted ion chromatographic profile) including IDAs? (Exception: Secondary native dichloro biphenyl channel m/z 223.9974, PFK)		✓			✓
14. Are the ion abundance ratios for all native Toxics/LOCs and all labeled compounds within the control limits specified? (Exception: Native dichlorobiphenyls, PFK) (Table 9)		✓			✓
15. Were all toxic congeners uniquely resolved from non-toxic congeners?		✓			✓
16. Was an ICV analyzed and calculated according to Section 10.3.5 of the SOP?		✓		< 5 outliers, none more than ±50% D.	✓
17. If manual integrations were performed, are the analyst's name, reason and date noted in AD II?		✓			✓
18. If criteria were not met, was a NCM generated?	✓				✓
19. Do the ICAL AD II batches contain a completed checklist for this work list?		✓			✓

Analyst: [signature] Date: 10/9/21

Comments:
PCB's 1, 2, 3 dropped from CS6 due to saturation and ratios out.

2nd Level Reviewer: MSD by [signature] Date: 10/9/21

Comments:

HI-RES PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Start Date: 01/03/2024 14:42

Analysis Batch Number: 81990 End Date: 01/03/2024 19:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
WDMCCV 140-81990/1		01/03/2024 14:42	1	d2240103c3a.d	SPB-Octyl 0.25(mm)
LCS 140-81427/18-B		01/03/2024 15:43	1	lcs140-8142718-b.d	SPB-Octyl 0.25(mm)
ZZZZZ		01/03/2024 17:29	1		SPB-Octyl 0.25(mm)
MB 140-81427/19-B		01/03/2024 18:30	1	mb140-8142719-b.d	SPB-Octyl 0.25(mm)
140-34509-1	PW-01	01/03/2024 19:31	1	140-34509-a-1-b.d	SPB-Octyl 0.25(mm)

Eurofins Knoxville HRMS PCB Continuing Calibration Data Review Checklist
Method 1668 or SOP Number: KNOX-ID-0013 Revision 21

Start Mass Res:	14:24	WL #:	31071	CS3 Filename:	d2240103c3a	Inst/ Date:	D20 1/3/24
End Mass Res:	23:13	AD II Batches:	81989 (1668C)		81990 (1668A)	ICAL ADII Batch/ Event	54641/3285 54640/3284

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd Level
1. Was the mass resolution documented at both the beginning and end of the 12 hour shift and is data verified as within the 12 hour clock?		✓			✓
2. Were all graphics uploaded to AD II?		✓			✓
3. Was the mass resolution scanned and attached to the corresponding WDMCCV?		✓			✓
4. Was the instrument resolution ≥8,000 throughout (≥ 10,000 for m/z 342.9792) and ≥10,000 in the center of each m/z range for the PFK masses as listed in the SOP or ≥10,000 in the center of each m/z range for the FC43 masses as listed in the SOP.		✓			✓
5. Were the measured exact masses listed above within 5 ppm at reduced accelerating voltage?		✓			✓
6. Were the date and time of analysis verified as correct?		✓			✓
7. Were the MID switch points set to encompass the retention time windows of each congener group?		✓			✓
8. Was the valley height less than 40% of the height of the shorter of the two peaks for the pair PCB 23 and PCB 34, and the pair PCB 182 and PCB 187?		✓			✓
9. Did the PCB co-elution 156/157 co-max within 2 sec at peak max on the SPB-octyl?		✓			✓
10. Was the continuing calibration performed at the beginning of the 12 hour period after successful mass resolution and GC resolution performance check?		✓			✓
11. Was the %D for all Toxic analytes within ± 30% for 1668A/B and ± 25% for 1668C? (PCB 81, 77, 123, 118, 114, 105, 126, 167, 156, 157, 169, 189) Was the %D for all LOC analytes within ± 30% for 1668A/B and ± 25% for 1668C? (PCB 1, 3, 4, 15, 19, 37, 54, 104, 155, 188, 202, 205, 206, 208, 209)		✓			✓
12. Was the %D for all non-toxic/non-LOC analytes within ± 30% (for all versions of 1668)?		✓			✓
13. Were the response factors calculated for each labeled standard and unlabeled target analyte using the SOP specified reference compound (Table 2), quantitation ions (Table 8), and formula (10.3.4.2)?		✓			✓
14. Were the absolute retention times of all labeled IDAs within ± 15 seconds of the retention times obtained during initial calibration?		✓			✓
15. Are %D within ± 50% for all labeled IDAs (for 1668A/B) or -50/+45% (for 1668C) in the calibration?		✓			✓
16. Are the %D within ± 50% for all labeled field surrogates (for all versions of 1668) in the calibration?		✓			✓
17. Are the %D within -40/+30% (for 1668A/B) or ± 25% (for 1668C) for all labeled surrogates in the calibration? **Note: for 1668C, PCB28L's lower limit can extend to -35%D.**		✓			✓
18. Are all S/N ratios ≥10 for the GC signals in each EICP (extracted ion chromatographic profile) including internal standards?		✓			✓
19. Are RRTs of all unlabled toxic/LOC analytes within their respective RRT limits?		✓			✓
20. If manual integrations were performed, are they clearly identified in the AD II batch with the analyst, date and reason?		✓			✓
21. If criteria were not met, was a NCM generated?	✓				✓
22. Do the AD II batches contain a completed checklist for this work list?		✓			✓

Analyst: BKK by LM Date: 1-3-24

Comments:

2nd Level Reviewer: LM Date: 1-4-24

Comments:

Eurofins Knoxville HRMS PCB Batch Data Review Checklist
Method 1668 - KNOX-ID-0013-R21

WL #: 31071
ADII Batch #(s): 81989, 81990

Review Items	N/A	Yes	No	Why is data reportable?	2nd √
1. Was the correct ICAL used for quantitation? (Check the ICAL event number in every sample and CCV.)		✓			✓
2. Have the appropriate checklists been completed for the Work List?		✓			✓
3. Were all special project requirements met (checked in backlog report and in AD II)?		✓			✓
4. DoD requirements met?	✓			☐ NCM#140-48351: Add to Case Narrative if Manual Integrations Performed ☐ Narrate reasons for multiple analyses of samples	✓
5. Were the prep factors and dilution factors verified in AD II?		✓		☐ **Dilution-Respike IDA** (NCM#_____)	✓
6. Sample analyses done within preparation and analytical holding time (Check for H-flag in sample result in AD II)?		✓		☐ **Holding Time-Initial Analysis** (NCM#_____) ☐ **Holding Time-Reanalysis** (NCM#_____)	✓
7. Are IDAs, surrogates and field surrogates (if applicable) within QC limits?		✓		☐ **IDA-Low-S/N 10:1** (NCM#_____) ☐ **IDA-High-Isotope Dilution** (NCM#_____)	✓
8. Are IDAs, surrogates and field surrogate (if applicable) ion abundance ratios within limits?			✓	☒ Abundance ratio outside limit for IDA (NCM#52127) 52126-I.S.	✓
9. Were peaks ≥2.5 S/N, which did not meet one or more of the criteria listed in section 12.1 of the SOP calculated and reported as EMPCs?		✓			✓
10. Are positive results within calibration range?		✓		☐ **ICAL-Range Exceed;No Sat.** (NCM#_____)	✓
11. Are all non-detects that are G-qualified narrated?	✓			☐ (NCM#_____)	✓
12. Are all manual integrations documented with analyst ID, reason and date in AD II?		✓			✓
13. Are all graphics uploaded to AD II?		✓			✓
14. Final report acceptable (1. Job Data Review was checked and all CCV's, QC, and samples are turned to 2nd level, 2. The narrative was checked in Supervisor Desktop for all deviations and grammar errors, and 3. All QC links were verified and at least one sample from every job is linked to the ICAL)?		✓			✓
15. LCS done per prep batch and all LCS/LCSD recoveries and RPDs within QC limits?		✓		☐ **LCS/LCSD-%R High** (NCM#_____) ☐ **LCS/LCSD-Insuff. Sample** (NCM#_____)	✓
16. Method blank done per prep batch and method blank or instrument blank analyzed with each sequence?		✓			✓
17. Are all analytes present in the method blank ≤ EML or within the specific program requirements?		✓		☐ **Method Blank-Report, 10X** (NCM#_____) ☐ **Method Blank-Report ND** (NCM#_____) ☐ **Method Blank-Insuff. Sample** NCM#_____)	✓

1st Level Reviewed by: LK	Date: 1-4-24
Comments:	
2nd Level Reviewed by: MSD by LK	Date: 1-4-24
Comments:	

HI-RES PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Instrument ID: D2D Start Date: 01/04/2024 11:14

Analysis Batch Number: 82009 End Date: 01/04/2024 21:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
WDMCCV 140-82009/1		01/04/2024 11:14	1	d2240104c1a.d	SPB-Octyl 0.25(mm)
ZZZZZ		01/04/2024 13:00	1		SPB-Octyl 0.25(mm)
140-34509-2	PW-01-DUP	01/04/2024 14:01	1	140-34509-a-2-b.d	SPB-Octyl 0.25(mm)
140-34509-3	PW-02	01/04/2024 15:02	1	140-34509-a-3-b.d	SPB-Octyl 0.25(mm)
140-34509-4	PW-02-DUP	01/04/2024 16:03	1	140-34509-a-4-b.d	SPB-Octyl 0.25(mm)
140-34509-5	PW-03	01/04/2024 17:05	1	140-34509-a-5-b.d	SPB-Octyl 0.25(mm)
140-34509-6	PW-03-DUP	01/04/2024 18:06	1	140-34509-a-6-b.d	SPB-Octyl 0.25(mm)
140-34509-7	TRIP BLANK PW-01	01/04/2024 19:07	1	140-34509-a-7-b.d	SPB-Octyl 0.25(mm)
140-34509-8	TRIP BLANK PW-02	01/04/2024 20:08	1	140-34509-a-8-b.d	SPB-Octyl 0.25(mm)
140-34509-9	TRIP BLANK PW-03	01/04/2024 21:09	1	140-34509-a-9-b.d	SPB-Octyl 0.25(mm)

Eurofins Knoxville HRMS PCB Continuing Calibration Data Review Checklist
Method 1668 or SOP Number: KNOX-ID-0013 Revision 21

Start Mass Res:	10:56	WL #:	31080	CS3 Filename:	d224010dcla	Inst/ Date:	D2D 1/4/24
End Mass Res:	22:25	AD II Batches:	82009			ICAL ADII Batch/ Event	3284/54640

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd Level
1. Was the mass resolution documented at both the beginning and end of the 12 hour shift and is data verified as within the 12 hour clock?		✓			✓
2. Were all graphics uploaded to AD II?		✓			✓
3. Was the mass resolution scanned and attached to the corresponding WDMCCV?		✓			✓
4. Was the instrument resolution ≥8,000 throughout (≥ 10,000 for m/z 342.9792) and ≥10,000 in the center of each m/z range for the PFK masses as listed in the SOP or ≥10,000 in the center of each m/z range for the FC43 masses as listed in the SOP.		✓			✓
5. Were the measured exact masses listed above within 5 ppm at reduced accelerating voltage?		✓			✓
6. Were the date and time of analysis verified as correct?		✓			✓
7. Were the MID switch points set to encompass the retention time windows of each congener group?		✓			✓
8. Was the valley height less than 40% of the height of the shorter of the two peaks for the pair PCB 23 and PCB 34, and the pair PCB 182 and PCB 187?		✓			✓
9. Did the PCB co-elution 156/157 co-max within 2 sec at peak max on the SPB-octyl?		✓			✓
10. Was the continuing calibration performed at the beginning of the 12 hour period after successful mass resolution and GC resolution performance check?		✓			✓
11. Was the %D for all Toxic analytes within ± 30% for 1668A/B and ± 25% for 1668C? (PCB 81, 77, 123, 118, 114, 105, 126, 167, 156, 157, 169, 189) Was the %D for all LOC analytes within ± 30% for 1668A/B and ± 25% for 1668C? (PCB 1, 3, 4, 15, 19, 37, 54, 104, 155, 188, 202, 205, 206, 208, 209)		✓			✓
12. Was the %D for all non-toxic/non-LOC analytes within ± 30% (for all versions of 1668)?		✓			✓
13. Were the response factors calculated for each labeled standard and unlabeled target analyte using the SOP specified reference compound (Table 2), quantitation ions (Table 8), and formula (10.3.4.2)?		✓			✓
14. Were the absolute retention times of all labeled IDAs within ± 15 seconds of the retention times obtained during initial calibration?		✓			✓
15. Are %D within ± 50% for all labeled IDAs (for 1668A/B) or -50/+45% (for 1668C) in the calibration?		✓			✓
16. Are the %D within ± 50% for all labeled field surrogates (for all versions of 1668) in the calibration?		✓			✓
17. Are the %D within -40/+30% (for 1668A/B) or ± 25% (for 1668C) for all labeled surrogates in the calibration? **Note: for 1668C, PCB28L's lower limit can extend to -35%D.**		✓			✓
18. Are all S/N ratios ≥10 for the GC signals in each EICP (extracted ion chromatographic profile) including internal standards?		✓			✓
19. Are RRTs of all unlabled toxic/LOC analytes within their respective RRT limits?		✓			✓
20. If manual integrations were performed, are they clearly identified in the AD II batch with the analyst, date and reason?		✓			✓
21. If criteria were not met, was a NCM generated?	✓				✓
22. Do the AD II batches contain a completed checklist for this work list?		✓			✓

Analyst: [signature] Date: 1/4/24

Comments:

2nd Level Reviewer: [signature] Date: 1-4-24

Comments:

Eurofins Knoxville HRMS PCB Batch Data Review Checklist
Method 1668 - KNOX-ID-0013-R21

WL #: 310080
ADII Batch #(s): 82009

Review Items	N/A	Yes	No	Why is data reportable?	2nd √
1. Was the correct ICAL used for quantitation? (Check the ICAL event number in every sample and CCV.)		✓			✓
2. Have the appropriate checklists been completed for the Work List?		✓			✓
3. Were all special project requirements met (checked in backlog report and in AD II)?		✓			✓
4. DoD requirements met?	✓			☐ NCM#140-48351: Add to Case Narrative if Manual Integrations Performed ☐ Narrate reasons for multiple analyses of samples	N/A
5. Were the prep factors and dilution factors verified in AD II?		✓		☐ **Dilution-Respike IDA** (NCM#_____)	✓
6. Sample analyses done within preparation and analytical holding time (Check for H-flag in sample result in AD II)?		✓		☐ **Holding Time-Initial Analysis** (NCM#_____) ☐ **Holding Time-Reanalysis** (NCM#_____)	✓
7. Are IDAs, surrogates and field surrogates (if applicable) within QC limits?		✓		☐ **IDA-Low-S/N 10:1** (NCM#_____) ☐ **IDA-High-Isotope Dilution** (NCM#_____)	✓
8. Are IDAs, surrogates and field surrogate (if applicable) ion abundance ratios within limits?		✓		☐ Abundance ratio outside limit for IDA (NCM#_____)	✓
9. Were peaks ≥2.5 S/N, which did not meet one or more of the criteria listed in section 12.1 of the SOP calculated and reported as EMPCs?		✓			✓
10. Are positive results within calibration range?		✓		☐ **ICAL-Range Exceed;No Sat.** (NCM#_____)	✓
11. Are all non-detects that are G-qualified narrated?	✓			☐ (NCM#_____)	N/A
12. Are all manual integrations documented with analyst ID, reason and date in AD II?		✓			✓
13. Are all graphics uploaded to AD II?		✓			✓
14. Final report acceptable (1. Job Data Review was checked and all CCV's, QC, and samples are turned to 2nd level, 2. The narrative was checked in Supervisor Desktop for all deviations and grammar errors, and 3. All QC links were verified and at least one sample from every job is linked to the ICAL)?		✓			✓
15. LCS done per prep batch and all LCS/LCSD recoveries and RPDs within QC limits?		✓		☐ **LCS/LCSD-%R High** (NCM#_____) ☐ **LCS/LCSD-Insuff. Sample** (NCM#_____)	✓
16. Method blank done per prep batch and method blank or instrument blank analyzed with each sequence?		✓			✓
17. Are all analytes present in the method blank ≤ EML or within the specific program requirements?		✓		☐ **Method Blank-Report, 10X** (NCM#_____) ☐ **Method Blank-Report ND** (NCM#_____) ☐ **Method Blank-Insuff. Sample** NCM#_____)	✓

1st Level Reviewed by: LKM	Date: 1-5-24
Comments:	
2nd Level Reviewed by: mnp	Date: 1-5-24
Comments:	

HI-RES PCBS BATCH WORKSHEET

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Batch Number: 54640 Batch Start Date: 10/08/21 11:14 Batch Analyst: Nordquist, Jon M

Batch Method: 1668A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	61CV1668CS3 00015	61L0.51668P 00006	61L11668P 00004	61L21668P 00004	61L41668P 00004	61L51668P 00004
IC 140-54640/1		1668A			20 uL				
IC 140-54640/2		1668A				20 uL			
IC 140-54640/3		1668A					20 uL		
IC 140-54640/4		1668A		20 uL					
IC 140-54640/5		1668A						20 uL	
IC 140-54640/6		1668A							20 uL
ICV 140-54640/7		1668A							

Lab Sample ID	Client Sample ID	Method Chain	Basis	61MX209ICVS 00004					
IC 140-54640/1		1668A							
IC 140-54640/2		1668A							
IC 140-54640/3		1668A							
IC 140-54640/4		1668A							
IC 140-54640/5		1668A							
IC 140-54640/6		1668A							
ICV 140-54640/7		1668A		20 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HI-RES PCBS BATCH WORKSHEET

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Batch Number: 81427 Batch Start Date: 12/15/23 10:45 Batch Analyst: Stamper, Claire M

Batch Method: Passive Sampler Batch End Date: 12/19/23 12:18

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	61ID1668WRK 00050	61SP1668WRK 00010		
140-34509-A-1	PW-01	Passive Sampler, Split, 1668A	T	0.054 g	10 mL	1 mL			
140-34509-A-2	PW-01-DUP	Passive Sampler, Split, 1668A	T	0.049 g	10 mL	1 mL			
140-34509-A-3	PW-02	Passive Sampler, Split, 1668A	T	0.049 g	10 mL	1 mL			
140-34509-A-4	PW-02-DUP	Passive Sampler, Split, 1668A	T	0.049 g	10 mL	1 mL			
140-34509-A-5	PW-03	Passive Sampler, Split, 1668A	T	0.053 g	10 mL	1 mL			
140-34509-A-6	PW-03-DUP	Passive Sampler, Split, 1668A	T	0.047 g	10 mL	1 mL			
140-34509-A-7	TRIP BLANK PW-01	Passive Sampler, Split, 1668A	T	0.046 g	10 mL	1 mL			
140-34509-A-8	TRIP BLANK PW-02	Passive Sampler, Split, 1668A	T	0.045 g	10 mL	1 mL			
140-34509-A-9	TRIP BLANK PW-03	Passive Sampler, Split, 1668A	T	0.052 g	10 mL	1 mL			
LCS 140-81427/18		Passive Sampler, Split, 1668A		0.054 g	10 mL	1 mL	1 mL		
MB 140-81427/19		Passive Sampler, Split, 1668A		0.055 g	10 mL	1 mL			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HI-RES PCBS BATCH WORKSHEET

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Batch Number: 81427 Batch Start Date: 12/15/23 10:45 Batch Analyst: Stamper, Claire M

Batch Method: Passive Sampler Batch End Date: 12/19/23 12:18

Batch Notes	
Analyst ID - TA Reagent Drop	CMS
Analyst ID - IDA Reagent Drop	CMS
Analyst ID - TA Reagent Drop Witness	RKG
Analyst ID - IDA Reagent Drop Witness	RKG
MeCL2 ID	50:50 Hexane/MeCL2 - 650339
Hexane ID	23J2562003
Extraction Start time	15:00
Extraction End time	08:30

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HI-RES PCBS BATCH WORKSHEET

Lab Name: Eurofins Knoxville Job No.: 140-34509-1

SDG No.:

Batch Number: 81576 Batch Start Date: 12/19/23 15:23 Batch Analyst: Armstrong, Catherine A

Batch Method: Split Batch End Date: 12/19/23 17:18

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	61RS1668WRK 00035			
140-34509-A-1-A	PW-01	Split, 1668A	T	10 mL	100 uL	100 uL			
140-34509-A-2-A	PW-01-DUP	Split, 1668A	T	10 mL	100 uL	100 uL			
140-34509-A-3-A	PW-02	Split, 1668A	T	10 mL	100 uL	100 uL			
140-34509-A-4-A	PW-02-DUP	Split, 1668A	T	10 mL	100 uL	100 uL			
140-34509-A-5-A	PW-03	Split, 1668A	T	10 mL	100 uL	100 uL			
140-34509-A-6-A	PW-03-DUP	Split, 1668A	T	10 mL	100 uL	100 uL			
140-34509-A-7-A	TRIP BLANK PW-01	Split, 1668A	T	10 mL	100 uL	100 uL			
140-34509-A-8-A	TRIP BLANK PW-02	Split, 1668A	T	10 mL	100 uL	100 uL			
140-34509-A-9-A	TRIP BLANK PW-03	Split, 1668A	T	10 mL	100 uL	100 uL			
LCS 140-81427/18-A		Split, 1668A		10 mL	100 uL	100 uL			
MB 140-81427/19-A		Split, 1668A		10 mL	100 uL	100 uL			

Batch Notes	
Analyst ID - IS Reagent Drop	caa
Analyst ID - IS Reagent Drop Witness	caa

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

TestAmerica Knoxville Extraction Sheet
1668 PCB Congener Polyethylene Extraction

Batch Number: 81427
Split Batch Number: 81576
TALS Prep Method: Pass_Samp_Prep→1668_Split

Delivered: RKG 12/20/23 10:27 am
Initials/Date/Time

Received: _____
Initials/Date/Time

Lab Sample ID	Prepare polyethylene piece for extraction and place in 500 mL amber jar.	Add 10 ng/mL IS (IDA) to all samples & QC. Record in TALS.	Add 5.0 ng/mL native spike (TA) to LCS, LCSD, MS, MSD. Record in TALS.	Place on rotator and extract for 18-24 hr in 1:1 hexane/$MeCl_2$.	Record sample weight in g in TALS.	Concentrate/exchange to hexane to ≥20 mL on heating mantle.	Concentrate to appropriate vol on N-EVAP.	Add 10 ng/mL cleanup std (SU) to all extracts. Record in TALS.	Perform Silica Gel Column Cleanup.	Concentrate to ≥20 mL on heating mantle.	Concentrate to ~0.5 to 1 mL on N-EVAP.	Add 100 ng/mL recovery std (IS) to mini-vial. Record in TALS. Transfer extract to vial.	Conc to final volume in nonane. Record final volume in TALS.
140-34509-A-1	Y	Y	N	Y	0.054	Y	NA	NA	NA	NA	Y	Y	Y
140-34509-A-2					0.049								
140-34509-A-3					0.049								
140-34509-A-4					0.049								
140-34509-A-5					0.053								
140-34509-A-6					0.047								
140-34509-A-7					0.046								
140-34509-A-8					0.045								
140-34509-A-9					0.052								
140-34622-A-8					0.043								
140-34622-A-9					0.052								
140-34622-A-10					0.043								
140-34622-A-11					0.051								
140-34622-A-12					0.053								
140-34622-A-13					0.049								
140-34622-A-14					0.048								
140-34622-A-15			Y		0.046								
LCS 140-81427/18			Y		0.054								
MB 140-81427/19			N		0.055								
CAA 12/19/23	CMS 12/15	CAA			CMS 12/19	CMS 12/19	CAA 12/19						

12/19/23

Eurofins Knoxville Prep Batch Review Checklist

Batch # 81427

Split Batch # 81576

Review Items	N/A	Yes	No	If No, why is data reportable?	2nd Level
1. Were the samples extracted within the required holding times?		✓		If No, NCM #: _____	✓
2. Are the final extracts free of water, precipitates, multiple phases, and for HRMS - color?		✓			✓
3. Were all project specific requirements met?		✓			✓
4. Were the correct start and completion dates entered into TALS?		✓			✓
5. Are the spike IDs and volumes correct in TALS for the method?		✓			✓
6. Does the prep batch paperwork package contain all required documentation which has been properly and completely filled out, including: • Extraction Benchsheet (Excel) • Batch Worksheets (ANLY) • Verify Protocol #'s (compare excel sheet to TALS) • Was the Excel Extraction Benchsheet and Prep Batch Review Checklist scanned and attached to batch in TALS?		✓			✓
7. Did extracts go through GPC cleanup? Has the following nonconformance been associated with all extracts?	✓			If Yes, □ **Clean-up Required - GPC** **(NCM#_____)**	✓
8. Are all additional nonconformances documented appropriately?		✓		If Yes, NCM#: 140 - 51684	✓

Analyst : CAA **Date:** 12/19/23

Comments:

2nd Level Reviewer: RKG **Date:** 12/20/23

Comments:

Shipping and Receiving Documents

Eurofins Knoxville
5815 Middlebrook Pike

Knoxville, TN 37921-5947
phone 865.291.3000 fax 865.584.4315

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact	Project Manager: Brent Pautler	Site Contact: Allen Clements	Date: 11/21/2023	COC No:
Maul Foster & Alongi, Inc	Email: BPautler@Siremlab.com	Lab Contact: Brent Pautler	Carrier: UPS	1 of 1 COCs
3140 NE Broadway	Tel/Fax: 519-515-0837			TALS Project #:
Portland, OR 97232	Analysis Turnaround Time			Sampler:
(971) 544-2139 Phone	☐ CALENDAR DAYS ☑ WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx FAX	TAT if different from Below _____			Walk-in Client:
Project Name: East Whitaker Pond Long Term Monitoring	☑ 2 weeks			Lab Sampling:
Site: East Whitaker Pond	☐ 1 week			Job / SDG No.:
P O # M8022.08.005-002	☐ 2 days ☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y / N)	Perform MS / MSD (Y / N)	EPA 1668A	Sample Specific Notes:
PW-01	11/21/2023	9:15	G	PE	1	N	N	X	10 Rare congener PCB PRCs
PW-01-DUP	11/21/2023	9:15	G	PE	1	N	N	X	10 Rare congener PCB PRCs
PW-02	11/21/2023	9:12	G	PE	1	N	N	X	10 Rare congener PCB PRCs
PW-02-DUP	11/21/2023	9:12	G	PE	1	N	N	X	10 Rare congener PCB PRCs
PW-03	11/21/2023	9:19	G	PE	1	N	N	X	10 Rare congener PCB PRCs
PW-03-DUP	11/21/2023	9:19	G	PE	1	N	N	X	10 Rare congener PCB PRCs

Custody Seal Intact
Received at R+0.6/CT1.0°C
CAR 11-22-23
UPS MDAE1287452116902222307

140-34509 Chain of Custody

Preservation Used: 1= Ice, 2= HCl; 3= H_2SO_4; 4=HNO_3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: Attn: Sampling and Receiving, Ryan Henry - Samples for 1668A with 10 rare congener PCB PRCs, Samplers deployed on 10/12/2023 and retrieved on 11/21/2023.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ | Therm ID No.:_____

Relinquished by: Allen Clements Allen Clements	Company: MFA	Date/Time: 11/21/23,	Received by:	Company: EDA KNX	Date/Time: 11-22-23 7:53
Relinquished by:	Company:	Date/Time: 12:47	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Eurofins Knoxville
5815 Middlebrook Pike

Knoxville, TN 37921-5947
phone 865.291.3000 fax 865.584.4315

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

COC No: 1
1 of 1 COCs

Client Contact	Project Manager: Brent Pautler	Site Contact: Chris Clough	Date: 10/12/23	TALS Project #:
Maul Foster & Alongi, Inc.	Email: bpautler@siremlab.com	Lab Contact: Ryan Henry	Carrier: FedEx	Sampler: Allen Clements
3140 NE Broadway	Tel/Fax:			For Lab Use Only:
Portland, OR 97232	Analysis Turnaround Time			Walk-in Client:
(503) 330-7781 Phone	☐ CALENDAR DAYS ☐ WORKING DAYS			Lab Sampling:
	TAT if different from Below ____			
Project Name: East Whitaker Pond Long Term Monitoring	☒ 2 weeks			Job / SDG No.:
Site: East Whitaker Pond	☐ 1 week			
PO# M8022.08.005	☐ 2 days			
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	EPA 1668A	Sample Specific Notes:
Trip Blank PW-01	10/12/23	11:21	Trip Blank	PE	1	N	N	X	10 rare congener PCB PRCs
Trip Blank PW-02	10/12/23	10:44	Trip Blank	PE	1	N	N	X	10 rare congener PCB PRCs
Trip Blank PW-03	10/12/23	11:54	Trip Blank	PE	1	N	N	X	10 rare congener PCB PRCs
NO CUSTODY SEALS									
RECEIVED AT RT 0.4/CT 0.3°C									
BKD 10.13.23									
COOLER VPS#12Y07236155336291169 NDAE									

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Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other ____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments: Attn: Sampling Receiving, Ryan Henry - Samples for 1668A with 10 rare congener PCB PRCs.

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:____ Corr'd:____ Therm ID No.:____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Allen Clements	Maul Foster & Alongi	10/12/23 15:30	Ryan Henry	ETA YNX	10.13.23 06:45
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

Loc: 140
34509

EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST **Log In Number:**

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	✓			☐ **Containers, Broken**
2. Were ambient air containers received intact?			✓	☐ Checked in lab
3. The coolers/containers custody seal if present, is it intact?	✓			☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID : SC76 Correction factor: +0.4°C	✓			☐ **Cooler Out of Temp, Client Contacted, Proceed/Cancel** ☐ **Cooler Out of Temp, Same Day Receipt**
5. Were all of the sample containers received intact?	✓			☐ **Containers, Broken**
6. Were samples received in appropriate containers?	✓			☐ **Containers, Improper; Client Contacted; Proceed/Cancel**
7. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **COC & Samples Do Not Match** ☐ **COC Incorrect/Incomplete** ☐ **COC Not Received**
8. Were all of the samples listed on the COC received?	✓			☐ **Sample Received, Not on COC** ☐ **Sample on COC, Not Received**
9. Is the date/time of sample collection noted?	✓			☐ **COC; No Date/Time; Client Contacted**
10. Was the sampler identified on the COC?			✓	☐ **Sampler Not Listed on COC**
11. Is the client and project name/# identified?	✓			☐ **COC Incorrect/Incomplete**
12. Are tests/parameters listed for each sample?	✓			☐ **COC No tests on COC**
13. Is the matrix of the samples noted?	✓			☐ **COC Incorrect/Incomplete**
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **COC Incorrect/Incomplete**
15. Were samples received within holding time?	✓			☐ **Holding Time - Receipt**
16. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **pH Adjusted, pH Included (See box 16A)** ☐ **Incorrect Preservative**
17. Were VOA samples received without headspace?			✓	☐ **Headspace (VOA only)**
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			✓	☐ **Residual Chlorine**
19. For 1613B water samples is pH<9?			✓	☐ If no, notify lab to adjust
20. For rad samples was sample activity info. Provided?			✓	☐ Project missing info

Comments/Actions Taken

Labeling Verified by: **Date:**

pH test strip lot number:

Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:	
Lot Number:	
Exp Date:	
Analyst:	
Date:	
Time:	

Project #: 1400720H PM Instructions:

Sample Receiving Associate: Chris Dickerson Date: 11-22-23

QA026R32.doc, 062719

EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST **Log In Number:**

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	/			☐ **Containers, Broken**
2. Were ambient air containers received intact?			/	☐ Checked in lab
3. The coolers/containers custody seal if present, is it intact?			/	☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID : SC76 Correction factor: -0.1°C	/			☐ **Cooler Out of Temp, Client Contacted, Proceed/Cancel** ☐ **Cooler Out of Temp, Same Day Receipt**
5. Were all of the sample containers received intact?	/			☐ **Containers, Broken**
6. Were samples received in appropriate containers?	/			☐ **Containers, Improper; Client Contacted; Proceed/Cancel**
7. Do sample container labels match COC? (IDs, Dates, Times)	/			☐ **COC & Samples Do Not Match** ☐ **COC Incorrect/Incomplete** ☐ **COC Not Received**
8. Were all of the samples listed on the COC received?	/			☐ **Sample Received, Not on COC** ☐ **Sample on COC, Not Received**
9. Is the date/time of sample collection noted?	/			☐ **COC; No Date/Time; Client Contacted**
10. Was the sampler identified on the COC?	/			☐ **Sampler Not Listed on COC**
11. Is the client and project name/# identified?	/			☐ **COC Incorrect/Incomplete**
12. Are tests/parameters listed for each sample?	/			☐ **COC No tests on COC**
13. Is the matrix of the samples noted?	/			☐ **COC Incorrect/Incomplete**
14. Was COC relinquished? (Signed/Dated/Timed)	/			☐ **COC Incorrect/Incomplete**
15. Were samples received within holding time?	/			☐ **Holding Time - Receipt**
16. Were samples received with correct chemical preservative (excluding Encore)?			/	☐ **pH Adjusted, pH Included (See box 16A)** ☐ **Incorrect Preservative**
17. Were VOA samples received without headspace?			/	☐ **Headspace (VOA only)**
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			/	☐ **Residual Chlorine**
19. For 1613B water samples is pH<9?			/	☐ If no, notify lab to adjust
20. For rad samples was sample activity info. Provided?			/	☐ Project missing info

Comments/Actions Taken

Labeling Verified by: **Date:**

pH test strip lot number:

	Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:		
Lot Number:		
Exp Date:		
Analyst:		
Date:		
Time:		

Project #: 140a7204 PM Instructions:

Sample Receiving Associate: Date: 10-13-23

QA026R32.doc, 062719

data qualifiers represent qualifiers originating from the laboratory and accepted by the reviewer, and data qualifiers assigned by the reviewer during validation.

Final data qualifiers:

- + = result may be biased high.
- C = result coelutes with one or more PCB congeners.
- J = result is estimated.
- K = result is an EMPC.
- U = result is non-detect at the estimated detection limit (EDL).

Sample Conditions

Sample Custody

Sample custody was appropriately documented on the chain-of-custody (COC) form accompanying the report. The reviewer confirmed the gap in custody was due to a third-party shipment.

The laboratory noted on the COC form that no custody seals were included on the sample coolers associated with the trip blank samples received October 13, 2023.

Holding Times

Extractions and analyses were performed within the recommended holding times.

Preservation and Sample Storage

According to the Job Narrative attached with report 140-34509-1, the samples were placed on a rotator and extracted for over 24 hours against work instructions, which was a deviation to the laboratory Standard Operating Procedure. The laboratory noted that it is not expected to affect analysis.

The samples were preserved and stored appropriately.

Reporting Limits

The laboratory evaluated results to EDLs. The laboratory qualified results between the EDL and the reporting limit (RL) with J, as estimated.

Blanks

Method Blanks

Laboratory method blanks are used to assess whether laboratory contamination was introduced during sample preparation and analysis. Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the laboratory method blanks were associated with all samples prepared in the analytical batch.

The reviewer confirmed with SiREM that the EPA Method 1668C laboratory method blank results were not included in C_{free} calculations. When the sampler results were less than five times the concentration detected in the associated laboratory method blank; the validator qualified sampler results with J+. When sample C_{free} results were qualified by SiREM due to trip blank detections, the the final qualification is based on the trip blank qualification.

According to report 140-34509-1, the laboratory method blank (MB 140-81427/19-B) had several detections between the EDL and the RL. PCB-11 and PCB-32 were detected in the laboratory method blank at concentrations of 0.23 nanograms per gram (ng/g) and 0.0618 ng/g, respectively. The associated sample results less than five times these laboratory method blank concentrations were qualified by the reviewer, as shown in the following table. All remaining sample detections were greater than five times the associated laboratory method blank results and thus did not require qualification.

Report	Sample	Analyte	Method Blank Result (ng/g)	Original Sampler Result (ng/g)	Qualified Sampler Result (ng/g)
140-34509-1	PW-01	PCB-11	0.230 J	1.10 JK	1.10 UJK[(a)]
	PW-01-DUP			0.820 J	0.820 J+
	TRIP BLANK PW-01	PCB-32	0.0618 JK	0.0920 J	0.0920 J+
	TRIP BLANK PW-03			0.170 J	0.170 J+

Notes
+ = The result may be biased high.
J = result is estimated.
K = result is an estimated maximum potential concentration.
ng/g = nanogram per gram.
U = result is non-detect.
[(a)]Final qualification is also based on Trip Blank qualification performed by SiREM.

The reviewer applied the J+ qualification to the associated C_{free} result from sample PW-01-DUP in report SP3B-103. The reviewer did not qualify the C_{free} results for PW-01 because final qualification from SiREM too precedent. Trip Blank results were not reported by SiREM.

Report	Sample	Analyte	Original C_{free} Result (pg/L)	Qualified C_{free} Result (pg/L)
SP3B-103	PW-01-DUP	PCB-11	2.1 J	2.1 J+

Notes
J = result is estimated.
J+ = result is estimated, but the result may be biased high

All remaining laboratory method blank results were non-detect to EDLs.

Equipment Rinsate Blanks

Equipment rinsate blanks are used to evaluate field equipment decontamination. These blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Trip Blanks

Three trip blank samples (TRIP BLANK PW-01, TRIP BLANK PW-02, and TRIP BLANK PW-03) were provided by SiREM with the passive pore water samplers and were exposed to 5 minutes of ambient field conditions prior to packing for shipment. Trip Blank results were reported with passive sampler results in Eurofins report 140-34509-1. SiREM performed a review of trip blank results.

SiREM used the trip blanks to calculate the concentrations of freely-dissolved PCB congeners and no further action was required by the reviewer.

Laboratory Control Sample and Laboratory Control Sample Duplicate Results

A laboratory control sample (LCS) and a laboratory control sample duplicate (LCSD) are spiked with target analytes to provide information about laboratory precision and accuracy. LCSDs were not included in report 140-34509-1. The LCS was prepared and analyzed at the method-required frequency.

All LCS results were within acceptance limits for percent recovery.

Laboratory Duplicate Results

Laboratory duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples are not required by EPA Method 1668A.

Matrix Spike and Matrix Spike Duplicate Results

Matrix spike (MS) and matrix spike duplicate (MSD) results are used to evaluate laboratory precision, accuracy, and the effect of the sample matrix on sample preparation and analysis. MS and MSDs were not required by EPA Method 1668A.

Labeled Analog Recovery Results

EPA Method 1668A samples were spiked with carbon-13 (C13) labeled standards to quantify the relative response of analytes in each sample.

All C13 labeled analog standard recoveries were within acceptance limits.

Continuing Calibration Verification Results

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. CCV results were provided by Eurofins but not required for Stage 2A data validation so were not reviewed.

Field Duplicate Results

Field duplicate samples measure both field and laboratory precision. Passive pore water samplers were deployed in duplicate sets at each of the three sampling locations, as shown in the following summary table.

Report	Parent Sample	Field Duplicate Sample
SP3B-103/140-34509-1	PW-01	PW-01-DUP
	PW-02	PW-02-DUP
	PW-03	PW-03-DUP

Percent differences of individual PCB congeners reported by Eurofins were not calculated because the parent and field duplicates were deployed at distinct locations within a designated area, rather than the same locations used for a traditional field duplicate pair. Percent difference of freely dissolved total PCBs reported by SiREM were calculated for each duplicate pair, as shown below.

Report	Sample	Analyte	RPD (%)	C_{free} Result (pg/L)
SP3B-103/140-34509-1	PW-01	Total PCBs	49.6	859
	PW-01-DUP			1,426
	PW-02	Total PCBs	112.4	694

Report	Sample	Analyte	RPD (%)	C_{free} Result (pg/L)
	PW-02-DUP			2,476
	PW-03	Total PCBs	87.3	4,674
	PW-03-DUP			1,833

Notes
pg/L = picograms per liter.

Data Package

The data package was reviewed for transcription errors, omissions, and anomalies.

In the introduction section of SP3B-103, SiREM uses the wrong year for the retrieval date. The Sample Summary is correct, thus, no action was required by the reviewer.

No additional issues were found.

References

EPA. 1986. *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods.* EPA publication SW-846. 3rd ed. U.S. Environmental Protection Agency. Final updates I (1993), II (1995), IIA (1994), IIB (1995), III (1997), IIIA (1999), IIIB (2005), IV (2008), V (2015), VI phase I (2017), VI phase II (2018), VI phase III (2019), VII phase I (2019), and VII phase II (2020).

EPA. 2020. *National Functional Guidelines for High Resolution Superfund Methods Data Review*. EPA 542-R-20-007. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. November.

Eurofins. 2022. Quality Assurance Manual. Rev. 6.0.1. TestAmerica Laboratories, Inc. dba Eurofins TestAmerica: Knoxville, TN. June.

Attachment D

Vegetation Monitoring Report

MAUL FOSTER ALONGI

Year 2 Annual Vegetation Monitoring Report

East Whitaker Pond
ECSI 5455, DSL File No. 63213-PW

Prepared for:

Oregon Department of State Lands

November 1, 2023
Project No. M8022.08.005

Prepared by:

Maul Foster & Alongi, Inc.
3140 NE Broadway, Portland, OR 97232

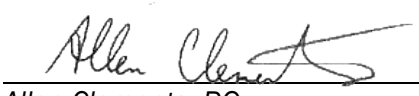
MAUL FOSTER ALONGI

Year 2 Annual Vegetation Monitoring Report

East Whitaker Pond
ECSI 5455, DSL File No. 63213-PW

The material and data in this report were prepared under the supervision and direction of the undersigned.

Maul Foster & Alongi, Inc.



Allen Clements, RG
Project Geologist

Michael Pickering, RG
Principal Geologist

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Limitations

Figures

Following the Report

Appendixes

Abbreviations

DSL	Oregon Department of State Lands
MFA	Maul Foster & Alongi, Inc.
MMNW	Metro Metals Northwest, Inc.
Plot	herbaceous monitoring plot
Site	East Whittaker Pond site

Monitoring Report Cover Sheet

Permit Waiver Number:	63213-PW
Waiver Holder:	Metro Metals Northwest, Inc.
Monitoring Date:	October 11, 2023
Report Year:	Year 2

PERFORMANCE STANDARDS	STANDARD MET? Y/N
Performance Standard 27: Establishment of Permanent Monitoring Locations	**Yes**
Permanent plot locations must be established during the first annual monitoring in sufficient number and locations to be representative of the site. The permanent plot locations must be clearly marked on the ground.	
Performance Standard 28: Wetland Acreage Required	**Not Applicable**
The site will have at a minimum the pre-project acreages for each wetland type as shown in Table 2 of the permit waiver, as determined by a Wetland Delineation Light with data collected during spring of a year when precipitation has been near normal, vegetation has been established, and irrigation has been removed for at least two years. Acreage must be documented on a printed map and in a GIS shapefile (.shp) including attribute information for each unique wetland polygon identifying the size as well as HGM and Cowardin classes.	
Performance Standard 29: Large Wood Debris	**Yes**
Placement of large wood shall be located and installed as shown in Sheets C6.0 and C6.1.	
Emergent Planting Areas Performance Standard 30: Native Species Cover	**No**
The cover of native species, as defined in the USDA Plants Database, in the herbaceous stratum is at least 60%.	
Emergent Planting Areas Performance Standard 31: Bare Substrate Cover	**Yes**
Bare substrate represents no more than 20% cover.	
Transitional Planting Areas Performance Standard 32: Bare Substrate Cover	**Yes**
Bare substrate represents no more than 20% cover.	
Scrub-Shrub Planting Areas Performance Standard 33: Bare Substrate Cover	**Yes**
Bare substrate represents no more than 20% cover.	
Scrub-Shrub Planting Areas Performance Standard 34: Woody Vegetation	**No**
The density of woody vegetation is at least 1,600 live native plants (shrubs) and/or stems (trees) per acre or the cover of native woody vegetation on the site is at least 50%. Native species volunteering on the site may be included, dead plants do not count, and the standard must be achieved for 2 years without irrigation.	
Riparian Planting Areas Performance Standard 35: Bare Substrate Cover	**Yes**
Bare substrate represents no more than 20% cover.	
Riparian Planting Areas Performance Standard 36: Woody Vegetation	**No**
The density of woody vegetation is at least 1,600 live native plants (shrubs) and/or stems (trees) per acre or the cover of native woody vegetation on the site is at least 50%. Native species volunteering on the site may be included, dead plants do not count, and the standard must be achieved for 2 years without irrigation.	

1 Introduction

Consistent with the requirements of the Oregon Department of State Lands (DSL) permit waiver number 63213-PW for Metro Metals Northwest, Inc. (MMNW), Year 2 (2023) vegetation monitoring was conducted on October 11, 2023, at the East Whitaker Pond site (Site) (see Figures 1 and 2). The Site includes the East Whitaker Pond and the adjacent upland area on MMNW property. Figure 3 provides the extent of the vegetation monitoring area on the Site.

Maul Foster & Alongi, Inc. (MFA), conducted the monitoring according to the Final Monitoring, Maintenance, and Contingency Plan (MFA 2022a) and the DSL Routine Monitoring Guidance for Vegetation (DSL 2009).

2 Remedial Action

The remedial action for the Site, specified by the Oregon Department of Environmental Quality in the Record of Decision (DEQ 2016), consistent with Oregon Revised Statutes 465.200 through 465.30 and Oregon Administrative Rules Chapter 340, Division 122, Section 0090, was implemented from June to October 2021 as detailed in the Construction Completion Report (MFA 2022b). Work involved excavation of upland hot spot soils, excavation and capping of contaminated sediment, and Site restoration and planting.

3 Vegetation Management

The irrigation system on Site was installed when restoration was complete for the purposes of ensuring vegetation establishment. The system runs on average of 20 minutes daily for five months out of the year. At the beginning of the season the system runs two to three times per week but during peak heat periods of the year the system runs two cycles per day. To date, no mowing or invasive-plant removal has been completed yet.

4 Vegetation Monitoring Methodology

MFA established herbaceous monitoring plots and shrub-dominated and forest plots (Figure 3). Herbaceous monitoring plots were used to measure plants with no persistent woody stems above ground and bare substrate. Shrub-dominated and forest plots were used to establish counts of scrub

shrubs and live stems. Plots were established in the emergent (five plots), transitional (five plots), scrub-shrub (four plots) and riparian (six plots) planting areas. Shrub and forest plots were established in the scrub shrub (two plots) and riparian (three plots) planting areas. Herbaceous monitoring plots were 1 square meter each, and shrub-dominated and forested monitoring plots were 64 square meters each. The herbaceous monitoring plots in the riparian and scrub-shrub planting areas were nested within the larger 64-square-meter monitoring plots.

Appendix A provides photos from each fixed photo point established at the monitoring plots and photos of overall Site conditions. Appendix B provides a table summarizing the data collected at each monitoring plot and used to support the status of the Site relative to performance standards.

5 Performance Standards and Results

This was the second year of monitoring. Monitoring activities were focused on identifying plants and cover percentages to provide management recommendations and to evaluate performance standards (DSL 2009). Figure 3 provides a Site location map that clearly shows the impact site boundaries and the details required by the permit waiver (contours, planted areas, monitoring plots, etc.).

In general, most of the planted native vegetation is well-established, dense, and diverse in all the planting areas. The Site has a nice, wild look to it. Some invasive species encroachment from the surrounding upland areas was observed in the scrub-shrub, riparian, and transitional planting areas. Invasive species were largely absent in the emergent planning area. Live stakes and shrubs planted in the riparian and scrub-shrub areas are establishing well, and many of them are thriving. The emergent planting areas have shown an increase of invasive species (primarily Eurasian watermilfoil) due to the presence of these species throughout the pond and also in the West Whitaker Pond (to which this pond is hydraulically connected).

Performance standards and determinations of the Site's achievement for each are as follows:

Performance Standard 27: Establishment of permanent monitoring locations. *Permanent plot locations must be established during the first annual monitoring in sufficient number and locations to be representative of the site. Permanent plot locations must be clearly marked on the ground.*

The number and size of plots were established according to the DSL Routine Monitoring Guidance for Vegetation (DSL 2009), as described in the Vegetation Monitoring Methodology section above. Each plot has a survey stake in its center that was placed on September 21, 2022, and was located during the second-year monitoring event. This performance criterion was met.

Performance Standard 28: Wetland Acreage Required. *The site will have at a minimum the pre-project acreages for each wetland type as shown in Table 2 of the permit waiver, as determined by a Wetland Delineation Light with data collected during spring of a year when precipitation has been near normal, vegetation has been established, and irrigation has been removed for at least two years. Acreage must be documented on a printed map and in a GIS shapefile (.shp) including attribute information for each unique wetland polygon identifying the size as well as HGM and Cowardin classes.*

This performance standard is not currently applicable due to the ongoing irrigation.

Performance Standard 29: Large Wood Debris. *Placement of large wood shall be located and installed as shown in Sheets C6.0 and C6.1.*

Large wood was installed as shown in Sheets C6.0 and C6.1, and those installations are reflected on Figure 3. This performance criterion was met.

Emergent Planting Areas Performance Standard 30: Native Species Cover. *The cover of native species, as defined in the USDA Plants Database, in the herbaceous stratum is at least 60%.*

The average native species cover in the herbaceous stratum across the five emergent planting area monitoring plots was 54 percent. This criterion is not currently being met due to the re-establishment of the aggressive invasives Eurasian watermilfoil, reed canary grass, and yellow flag iris that surround the pond outside the monitoring area. The recommendations to meet this performance standard are stated in Section 6.

Emergent Planting Areas Performance Standard 31: Bare Substrate Cover. *Bare substrate represents no more than 20% cover.*

The average bare substrate across the five herbaceous stratum emergent planting area monitoring plots was 14 percent. This performance criterion was met.

Transitional Planting Areas Performance Standard 32: Bare Substrate Cover. *Bare substrate represents no more than 20% cover.*

The average bare substrate across the five herbaceous stratum transitional planting area monitoring plots was 1 percent. This performance criterion was met.

Scrub-Shrub Planting Areas Performance Standard 33: Bare Substrate Cover. *Bare substrate represents no more than 20% cover.*

The average bare substrate across the four herbaceous stratum scrub-shrub planting area monitoring plots was 0 percent. This performance criterion was met.

Scrub-Shrub Planting Areas Performance Standard 34: Woody Vegetation. *The density of woody vegetation is at least 1,600 live native plants (shrubs) and/or stems (trees) per acre or the cover of native woody vegetation on the site is at least 50%. Native species volunteering on the site may be included, dead plants do not count, and the standard must be achieved for 2 years without irrigation.*

The average count of live native plants and stems from the two 64-square-meter monitoring plots was 22. The planting area was 15,906 square feet. When this count is extrapolated to density per acre of planting area, the total woody vegetation density is 1,391, not meeting the performance standard. The Site is still undergoing irrigation to establish plant species. The recommendations to meet this performance standard are stated below.

Riparian Planting Areas Performance Standard 35: Bare Substrate Cover. *Bare substrate represents no more than 20% cover.*

The average bare substrate across the six herbaceous stratum riparian planting area monitoring plots was 0 percent. This performance criterion was met.

Riparian Planting Areas Performance Standard 36: Woody Vegetation. *The density of woody vegetation is at least 1,600 live native plants (shrubs) and/or stems (trees) per acre or the cover of*

native woody vegetation on the site is at least 50%. Native species volunteering on the site may be included, dead plants do not count, and the standard must be achieved for 2 years without irrigation.

The average count of live native plants and stems from the three 64-square-meter monitoring plots was 22.3. The planting area was 46,294 square feet. When this count is extrapolated to density per acre of planting area, the total woody vegetation density is 1,412, not meeting the performance standard. The Site is still undergoing irrigation to establish plant species. The recommendations to meet this performance standard are stated below.

6 Conclusions and Recommendations

Emergent Planting Areas Performance Standard 30: Native Species Cover. *The cover of native species, as defined in the USDA Plants Database, in the herbaceous stratum is at least 60%.*

The average native species cover in the herbaceous stratum across the five emergent planting area monitoring plots was 54 percent. This is a decrease from the 2022 monitoring and is primarily due to the increase of invasive species including yellow flag iris, reed canary grass, and Eurasian watermilfoil. These invasives likely encroached from the immediately adjacent properties where these species are widespread in dominant stands. The invasive Eurasian watermilfoil has increased its presence due to the hydraulic connectivity to the western pond where watermilfoil has been observed in dominant stands as well as the aggressive spreading nature by fragmentation.

To meet performance standard 30, yellow flag iris, reed canary grass, and other invasive plant and root masses will be removed from the emergent planting areas as part of the vegetation management efforts scheduled for 2024. It is not recommended to remove the Eurasian watermilfoil as it spreads by fragmentation and more harm may be done by attempting removal.

Scrub-Shrub Planting Areas Performance Standard 34: Woody Vegetation. *The density of woody vegetation is at least 1,600 live native plants (shrubs) and/or stems (trees) per acre or the cover of native woody vegetation on the site is at least 50%. Native species volunteering on the site may be included, dead plants do not count, and the standard must be achieved for 2 years without irrigation.*

The total woody vegetation density in the Scrub-Shrub planting area is 1,391 per acre of planting area. This is a decrease from 2022 (MFA 2022c). To meet performance standard 34, it is recommended to replant a total of 92 native woody plants in the Scrub-Shrub planting area as part of the vegetation management efforts in 2024.

Riparian Planting Areas Performance Standard 36: Woody Vegetation. *The density of woody vegetation is at least 1,600 live native plants (shrubs) and/or stems (trees) per acre or the cover of native woody vegetation on the site is at least 50%. Native species volunteering on the site may be included, dead plants do not count, and the standard must be achieved for 2 years without irrigation.*

The total woody vegetation density in the Riparian planting area is 1,412 per acre of planting area. This is a decrease from 2022 (MFA 2022c). To meet performance standard 36, it is recommended

to replant a total of 274 native woody plants in the Riparian planting area as part of the vegetation management efforts in 2024.

References

DEQ 2016. *Record of Decision, Metro Metals Northwest, Inc, Portland Oregon, ECSI #5455.* Oregon Department of Environmental Quality. January.

DSL 2009. *Routine Monitoring Guidance for Vegetation.* Oregon Department of State Lands. September.

MFA. 2022a. *Final Monitoring, Maintenance, and Contingency Plan, East Whitaker Pond, ECSI #5455.* Prepared for Metro Metals Northwest, Inc. Maul Foster & Alongi, Inc.: Portland, OR. August 15.

MFA. 2022b. *Completion Report, East Whitaker Pond, ECSI #5455.* Prepared for Metro Metals Northwest, Inc. Maul Foster & Alongi, Inc.: Portland, OR. June 20.

MFA. 2022c. *Year 1 Annual Vegetation Monitoring Report, East Whitaker Pond, ECSI #5455.* Prepared for Oregon Department of State Lands. Maul Foster & Alongi, Inc.: Portland, OR. October 28.

Limitations

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

Figures

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Data Source:
US Geological Survey (2021) 7.5-minute topographic quadrangle: Mount Tabor; township 1 north, range 2 east, section 18.

Legend

Site Boundary

Figure 1
Site Location

Metro Metals Northwest
East Whitaker Pond
Portland, OR

0 1,000 2,000
Feet

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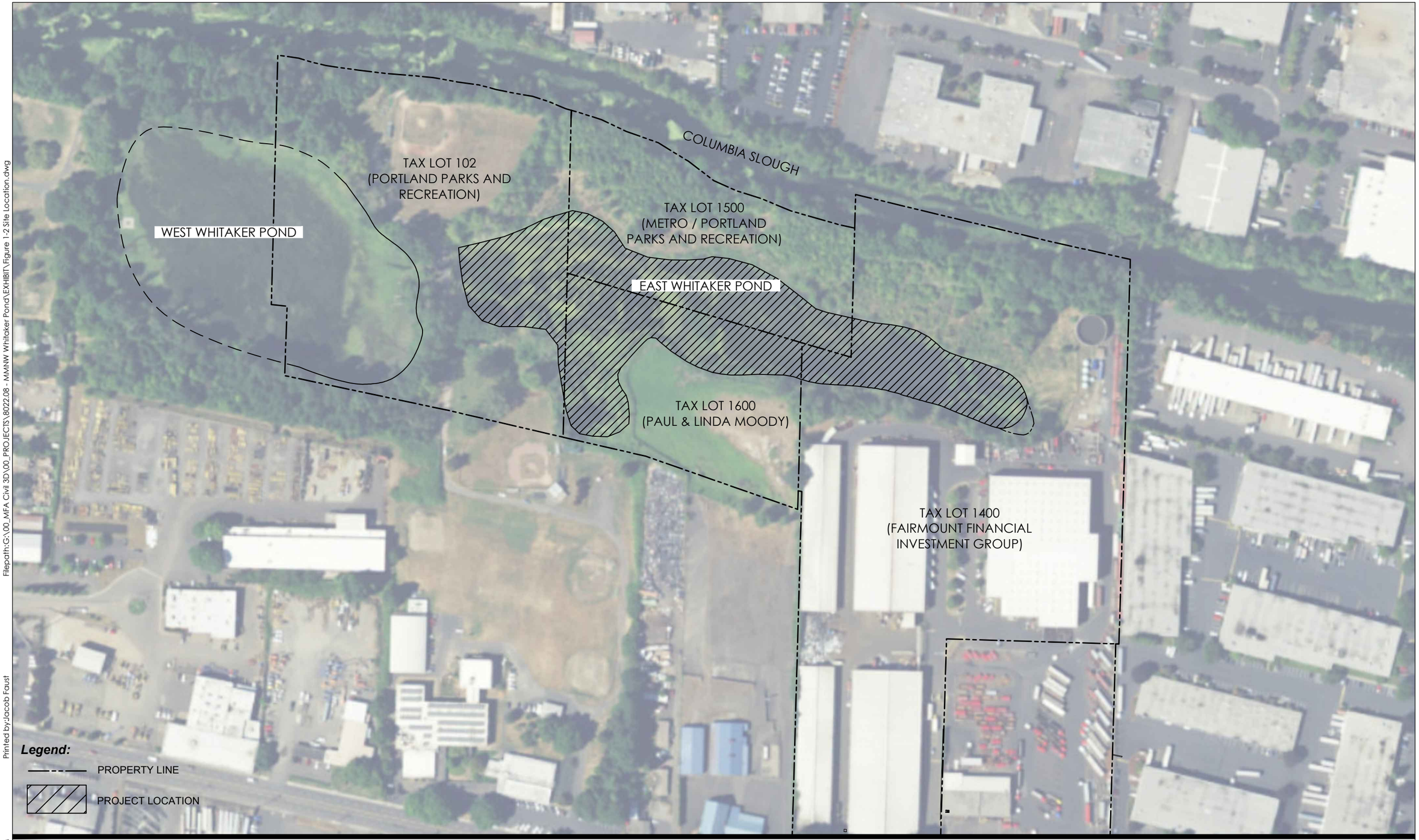
Path: X:\8022.08\005\Fig1 Site Location.mxd
Print Date: 10/6/2022
Reviewed by: enaylor
Produced By: stumer
Project: M8022.08.005



Filepath:G:\00_MFA Civil 3D\00_PROJECTS\8022.08 - MMNW Whitaker Pond\EXHIBIT\Figure 1-2 Site Location.dwg

Printed by:Jacob Faust

Date:9/26/2018 6:53:40 PM

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0 200' 400'

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

Figure 2
Site Vicinity

Metro Metals Northwest—East Whitaker Pond
Portland, Oregon

Figure 3
Vegetation Monitoring

Metro Metals Northwest
East Whitaker Pond
Portland, OR

Riparian Plot 2
Riparian Plot 3
Riparian Plot 1
Transitional Plot 1
Transitional Plot 2
Transitional Plot 3
Transitional Plot 4
Transitional Plot 5
Emergent Plot 1
Emergent Plot 2
Emergent Plot 3
Emergent Plot 4
Emergent Plot 5
Scrub Shrub Plot 1
Scrub Shrub Plot 2

Legend

- Vegetation Monitoring Plot
- Emergents Planting Area (10,713 SF) Between Elevations 9-11
- Floating Aquatic Planting Area (180,622 SF) Between Elevations 5-9
- Riparian Planting Area (46,294 SF) Between Elevations 14-22
- Scrub-Shrub Planting Area (15,906 SF) Between Elevations 14-22
- Transitional Planting Area (10,960 SF) Between Elevations 11-14
- OHW Boundary
- LWD Boundary
- Wetland
- Remedial Action Area Boundary
- Elevation Contour in Ft (NAVD88)
- Tax Lot

Notes:
Ft = Feet.
LWD = Large wood debris.
NAVD88 = North American Vertical Datum 1988.
OHW = Ordinary High Water.
SF = Square Feet.

0 20 40
Feet

Data Sources:
Aerial photograph, tax lots, wetlands and elevation contour data obtained from the City of Portland.

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Print Date: 10/20/2022
Reviewed By: enaylor
Produced By: sturner
Project: M8022.08.005

Appendix A

Photographs

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Vegetation Monitoring Photos Report

Event Date:	10/11/2023 11:59:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

Emergent Plot 1

Photo Notes:	

Event Date:	10/11/2023 11:39:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Partly Cloudy
Plot Notes:	

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Emergent Plot 2

Photo Notes:

Event Date:	10/11/2023 11:03:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

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Emergent Plot 3

Photo Notes:	The 1x1 meter frame was not utilized due to concerns about being able to retrieve frame from water.

Event Date:	10/11/2023 10:51:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

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Emergent Plot 4

Photo Notes:	

Event Date:	10/11/2023 10:30:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

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Emergent Plot 5

Photo Notes:

Event Date:	10/11/2023 12:05:00 PM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

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Transitional Plot 1

Photo Notes:	Photo was taken after 1x1 meter frame was removed from plot area.

Event Date:	10/11/2023 11:45:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Partly Cloudy
Plot Notes:	

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Transitional Plot 2

Photo Notes:

Event Date:	10/11/2023 11:14:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

Transitional Plot 3

Photo Notes:	

Event Date:	10/11/2023 10:55:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

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Transitional Plot 4

Photo Notes:	

Event Date:	10/11/2023 10:38:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

Transitional Plot 5

Photo Notes:	

Event Date:	10/11/2023 10:08:00 AM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

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Riparian Plot 1

Photo Notes:	Looking north.

Riparian Plot 1

Photo Notes:	Looking south.

Riparian Plot 1-H1

Photo Notes:	

Riparian Plot 1-H2

Photo Notes:	

Event Date:	10/11/2023 1:16:00 PM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

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Riparian Plot 2

Photo Notes:	Looking east.

Riparian Plot 2

Photo Notes:	Looking west.

Riparian Plot 2-H1

Photo Notes:	

Riparian Plot 2-H2

Photo Notes:	

Event Date:	10/11/2023 1:18:00 PM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Partly Cloudy
Plot Notes:	

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Riparian Plot 3

Photo Notes:	Looking south.

Riparian Plot 3-H1

Photo Notes:

Riparian Plot 3-H2

Photo Notes:

Event Date:	10/11/2023 2:08:00 PM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Partly Cloudy
Plot Notes:	

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Scrub Shrub Plot 1

Photo Notes:	Looking east.

Scrub Shrub Plot 1

Photo Notes:	Looking west.

Scrub Shrub Plot 1-H1

Photo Notes:	

Scrub Shrub Plot 1-H2

Photo Notes:	

Event Date:	10/11/2023 2:54:00 PM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Cloudy
Plot Notes:	

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Scrub Shrub Plot 2

Photo Notes:	Looking north.

Scrub Shrub Plot 2

Photo Notes:	Looking south.

Scrub Shrub Plot 2-H1

Photo Notes:	

Scrub Shrub Plot 2-H2

Photo Notes:	

Event Date:	10/11/2023 2:23:00 PM
Project:	East Whitaker Pond Vegetation Monitoring
Weather Conditions:	Partly Cloudy
Plot Notes:	

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Restoration Area

Photo Notes:	Looking southeast.

Restoration Area

Photo Notes:	Looking southwest.

Restoration Area

Photo Notes:	Looking north.

Appendix B

Data Summary Table

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Data Summary Table
East Whitaker Pond (ECSI 5455)
Year 2 Vegetation Monitoring
Metro Metals Northwest, Inc.
Portland, Oregon

Planting Zone[a]	Monitoring Plot[a]	Plot Stratum	Bare Substrate %	Native Herbaceous %	Native Tree and Shrub Count	Native Species Identified[b]	Invasive Species Identified[c]	Introduced Species Identified[d]
Emergent	Plot 1	Herbaceous	10	40	--	Schoenoplectus tabernaemontani Hydrocotyle ranunculoides Elodia canadensis Lemna minor Potamogeton gramineus Ceratophyllum demersum	Myriophyllum spicatum	--
	Plot 2	Herbaceous	0	80	--	Juncus effusus Typha latifolia	Phalaris arundinacea	--
	Plot 3	Herbaceous	20	20	--	Ceratophyllum demersum Elodia canadensis	Myriophyllum spicatum	--
	Plot 4	Herbaceous	10	80	--	Hydrocotyle ranunculoides Lemna minor	Myriophyllum spicatum	--
	Plot 5	Herbaceous	30	50	--	Typha latifolia Hydrocotyle ranunculoides Lemna minor Elodia canadensis Ceratophyllum demersum	Myriophyllum spicatum	--
	Average Native Percent Cover		54					
	Average Bare Substrate Percent Cover		14					
Transitional	Plot 1	Herbaceous	0	60	--	Schoenoplectus tabernaemontani Juncus effusus Ranunculus occidentalis Salix sitchensis	Lythrum salicaria Iris pseudacorus	--
	Plot 2	Herbaceous	5	70	--	Juncus effusus Salix lucida Alnus rubra Deschampsia cespitosa Native grasses[e]	Trifolium repens	--
	Plot 3	Herbaceous	0	50	--	Juncus effusus Lupinus arboreus Lupinus rivularis Achillea millefolium var. occidentalis Native grasses[e]	Trifolium repens	Achillea millefolium
	Plot 4	Herbaceous	0	80	--	Juncus effusus Iris douglasiana Paspalum distichum	Phalaris arundinacea Trifolium pratense	--
	Plot 5	Herbaceous	0	10	--	Juncus effusus	Cirsium arvense Ranunculus repens	Dipsacus sylvestris Tanacetum vulgare Salix discolor Panicum repens
	Average Native Percent Cover		54					
	Average Bare Substrate Cover		1					

Data Summary Table
East Whitaker Pond (ECSI 5455)
Year 2 Vegetation Monitoring
Metro Metals Northwest, Inc.
Portland, Oregon

Planting Zone[a]	Monitoring Plot[a]	Plot Stratum	Bare Substrate %	Native Herbaceous %	Native Tree and Shrub Count	Native Species Identified[b]	Invasive Species Identified[c]	Introduced Species Identified[d]
Scrub-Shrub	Plot 1	Tree/Shrub	--	--	24	Symphoricarpus albus Spiraea douglasii Cornus sericea Berberis aquifolium Physocarpus capitatus Frangula californica	--	--
	Plot 1-H1	Herbaceous	0	70	--	Deschampsia cespitosa	Rumex obtusifolius Rumex crispus	--
	Plot 1-H2	Herbaceous	0	80	--	Deschampsia cespitosa	Rumex obtusifolius	
	Plot 2	Tree/Shrub	--	--	20	Rosa nutkana Physocarpus capitatus Spiraea douglasii Frangula californica Symphoricarpus albus Holodiscus discolor Physocarpus capitatus	--	--
	Plot 2-H1	Herbaceous	0	80	--	Juncus effusus Deschampsia cespitosa	Rumex crispus	Trifolium hybridum
	Plot 2-H2	Herbaceous	0	90	--	Deschampsia cespitosa Physocarpus capitatus		Trifolium hybridum
	Native Tree and Scrub-Shrub Count per Acre of Planting Area		1,391					
	Average Bare Substrate Percent Cover		0					

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Data Summary Table
East Whitaker Pond (ECSI 5455)
Year 2 Vegetation Monitoring
Metro Metals Northwest, Inc.
Portland, Oregon

Planting Zone[a]	Monitoring Plot[a]	Plot Stratum	Bare Substrate %	Native Herbaceous %	Native Tree and Shrub Count	Native Species Identified[b]	Invasive Species Identified[c]	Introduced Species Identified[d]
Riparian	Plot 1	Tree/Shrub	--	--	22	Acer circinatum Spiraea douglasii Symphoricarpos albus Berberis aquifolium Rosa nutkana Frangula californica Philadelphus lewisii	--	--
	Plot 1-H1	Herbaceous	0	50	--	Deschampsia cespitosa Prunella vulgaris Berberis aquifolium	Lathyrus latifolius Trifolium repens	
	Plot 1-H2	Herbaceous	0	70	--	Deschampsia cespitosa Prunella vulgaris Berberis aquifolium	Trifolium repens Rumex obtusifolius	
	Plot 2	Tree/Shrub	--	--	21	Cornus sericea Holodiscus discolor Symphoricarpos albus Physocarpus capitatus Rosa nutkana Berberis aquifolium	--	
	Plot 2-H1	Herbaceous	0	50	--	Juncus effusus Native grasses [e]	Ranunculus repens Rubus armeniacus Hypericum perforatum	Equisetum arvense
	Plot 2-H2	Herbaceous	0	40	--	Juncus effusus Physocarpus capitatus Native grasses [e]	Ranunculus repens Rubus armeniacus Hypericum perforatum	Dipsacus sylvestris Equisetum arvense
	Plot 3	Tree/Shrub	--	--	24	Symphoricarpos albus Philadelphus lewisii Rubus parvifolius Acer circinatum Holodiscus discolor Rosa nutkana Berberis aquifolium Thuja plicata Cornus sericea	--	--
	Plot 3-H1	Herbaceous	0	50	--	Deschampsia cespitosa Prunella vulgaris	Trifolium repens Ranunculus repens	--
	Plot 3-H2	Herbaceous	0	70	--	Deschampsia cespitosa Prunella vulgaris Symphoricarpos albus	Trifolium repens Ranunculus repens	--
	Native Tree and-Scrub-Shrub Count per Acre of Planting Area		1,412					
	Average Bare Substrate Percent Cover		0					

Notes
-- = not applicable
[a]Herbaceous monitoring plots are 1 square meter and Tree/Shrub monitoring plots are 64 square meters.
[b]Native species to Oregon as per USDA plants data base https://plants.usda.gov/
[c]Invasive species to Oregon as per USDA plants database (https://plants.usda.gov/) or Appendix A of City of Portland 2008 Invasive Plants Strategy Report https://www.portlandoregon.gov/bes/article/332727
[d]Species identified as introduced to Oregon but not as invasive per USDA plants database
[e]Native grasses in Transitional Areas such as American Sloughgrass (*Beckmannia syzigachne*) and Western Mannagrass (*Glyceria occidentalis*)