

Hit Summary Sheet
SW-846

SDG No.: Q1514

Order ID: Q1514

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ENV-103-SB01								
Q1514-05	ENV-103-SB01	SOIL	Aroclor-1254	18.9	J	3.10	19.0	ug/kg
Q1514-05	ENV-103-SB01	SOIL	Aroclor-1260	12.5	J	3.30	19.0	ug/kg
Total Concentration:				31.400				

A
B
C
D
E
F
G
H
I
J
K
L



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070370.D	1	03/07/25 08:25	03/07/25 18:44	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.5	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.5	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.5	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.5	ug/kg
12672-29-6	Aroclor-1248	8.60	U	8.60	18.5	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.5	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.5	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.5	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.1		30 (32) - 150 (144)	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.3		30 (32) - 150 (175)	57%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-SB02	SDG No.:	Q1514
Lab Sample ID:	Q1514-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	81
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070371.D	1	03/07/25 08:25	03/07/25 19:00	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	21.0	ug/kg
11104-28-2	Aroclor-1221	7.90	U	7.90	21.0	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	21.0	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	21.0	ug/kg
12672-29-6	Aroclor-1248	9.70	U	9.70	21.0	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	21.0	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	21.0	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	21.0	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	21.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.2		30 (32) - 150 (144)	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.9		30 (32) - 150 (175)	70%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-SB01	SDG No.:	Q1514
Lab Sample ID:	Q1514-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070372.D	1	03/07/25 08:25	03/07/25 19:16	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.80	U	3.80	19.0	ug/kg
11104-28-2	Aroclor-1221	7.20	U	7.20	19.0	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	19.0	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	19.0	ug/kg
12672-29-6	Aroclor-1248	8.80	U	8.80	19.0	ug/kg
11097-69-1	Aroclor-1254	18.9	J	3.10	19.0	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	19.0	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	19.0	ug/kg
11096-82-5	Aroclor-1260	12.5	J	3.30	19.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.8		30 (32) - 150 (144)	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		30 (32) - 150 (175)	81%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-105-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-07	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109731.D	1	03/07/25 09:15	03/07/25 19:59	PB167028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.52	ug/L
11104-28-2	Aroclor-1221	0.24	U	0.24	0.52	ug/L
11141-16-5	Aroclor-1232	0.38	U	0.38	0.52	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.52	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.52	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.52	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.52	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.52	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.52	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.7		30 (16) - 150 (158)	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.7		30 (10) - 150 (173)	74%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	ENV-103-GW01	SDG No.:	Q1514
Lab Sample ID:	Q1514-08	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109732.D	1	03/07/25 09:15	03/07/25 20:17	PB167028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.51	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.51	ug/L
11141-16-5	Aroclor-1232	0.38	U	0.38	0.51	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.51	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.51	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.51	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.51	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.51	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.51	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.4		30 (16) - 150 (158)	122%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.5		30 (10) - 150 (173)	78%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	FB03062025	SDG No.:	Q1514
Lab Sample ID:	Q1514-09	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	380	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109733.D	1	03/07/25 09:15	03/07/25 20:35	PB167028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.20	U	0.20	0.66	ug/L
11104-28-2	Aroclor-1221	0.30	U	0.30	0.66	ug/L
11141-16-5	Aroclor-1232	0.49	U	0.49	0.66	ug/L
53469-21-9	Aroclor-1242	0.21	U	0.21	0.66	ug/L
12672-29-6	Aroclor-1248	0.16	U	0.16	0.66	ug/L
11097-69-1	Aroclor-1254	0.14	U	0.14	0.66	ug/L
37324-23-5	Aroclor-1262	0.18	U	0.18	0.66	ug/L
11100-14-4	Aroclor-1268	0.16	U	0.16	0.66	ug/L
11096-82-5	Aroclor-1260	0.20	U	0.20	0.66	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		30 (16) - 150 (158)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		30 (10) - 150 (173)	83%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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QC SUMMARY

Surrogate Summary

SDG No.: **Q1514**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO109425.D	PIBLK-PO109425.D	Tetrachloro-m-xylene	1	20	25.3	126		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	25.3	126		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	24.1	121		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	25.5	127		70 (60)	130 (140)
I.BLK-PO109727.D	PIBLK-PO109727.D	Tetrachloro-m-xylene	1	20	20.5	103		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.1	85		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.2	106		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	18.8	94		70 (60)	130 (140)
PB167028BL	PB167028BL	Tetrachloro-m-xylene	1	20	19.7	99		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	16.8	84		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.1	101		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	18.5	92		30 (10)	150 (173)
PB167028BS	PB167028BS	Tetrachloro-m-xylene	1	20	19.0	95		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	17.2	86		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	19.2	96		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	18.9	95		30 (10)	150 (173)
PB167028BSD	PB167028BSD	Tetrachloro-m-xylene	1	20	18.8	94		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	16.9	84		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	19.0	95		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	18.5	92		30 (10)	150 (173)
Q1514-07	ENV-105-GW01	Tetrachloro-m-xylene	1	20	23.7	119		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	13.5	68		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	23.7	119		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	14.7	74		30 (10)	150 (173)
Q1514-08	ENV-103-GW01	Tetrachloro-m-xylene	1	20	23.9	119		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	14.0	70		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	24.4	122		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	15.5	78		30 (10)	150 (173)
Q1514-09	FB03062025	Tetrachloro-m-xylene	1	20	22.9	115		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	15.2	76		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	23.2	116		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	16.5	83		30 (10)	150 (173)
I.BLK-PO109741.D	PIBLK-PO109741.D	Tetrachloro-m-xylene	1	20	20.6	103		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.3	91		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.2	106		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.0	100		70 (60)	130 (140)
I.BLK-PP069995.D	PIBLK-PP069995.D	Tetrachloro-m-xylene	1	20	21.9	109		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.8	109		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.6	108		70 (60)	130 (140)
I.BLK-PP070348.D	PIBLK-PP070348.D	Tetrachloro-m-xylene	1	20	20.8	104		70 (60)	130 (140)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **Q1514**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP070348.D	PIBLK-PP070348.D	Decachlorobiphenyl	1	20	19.6	98		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.6	103		70 (60)	130 (140)
PB167029BL	PB167029BL	Decachlorobiphenyl	2	20	20.6	103		70 (60)	130 (140)
		Tetrachloro-m-xylene	1	20	24.2	121		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.4	107		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.0	120		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.6	108		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	24.6	123		30 (32)	150 (144)
PB167029BS	PB167029BS	Decachlorobiphenyl	1	20	22.2	111		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.8	114		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.1	110		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	21.4	107		70 (60)	130 (140)
I.BLK-PP070363.D	PIBLK-PP070363.D	Decachlorobiphenyl	1	20	19.8	99		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.8	104		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.3	101		70 (60)	130 (140)
		Tetrachloro-m-xylene	1	20	13.3	67		30 (32)	150 (144)
Q1508-01MS	RBR251372MS	Decachlorobiphenyl	1	20	13.9	70		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	12.2	61		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	14.7	74		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	13.8	69		30 (32)	150 (144)
Q1508-01MSD	RBR251372MSD	Decachlorobiphenyl	1	20	14.2	71		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	12.5	62		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	14.6	73		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	17.6	88		30 (32)	150 (144)
Q1514-01	ENV-105-SB01	Decachlorobiphenyl	1	20	11.3	57		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.1	95		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	10.8	54		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	22.3	112		30 (32)	150 (144)
Q1514-03	ENV-105-SB02	Decachlorobiphenyl	1	20	13.1	66		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.2	121		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	13.9	70		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	21.6	108		30 (32)	150 (144)
Q1514-05	ENV-103-SB01	Decachlorobiphenyl	1	20	15.2	76		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.8	114		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	16.3	81		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	20.8	104		70 (60)	130 (140)
I.BLK-PP070378.D	PIBLK-PP070378.D	Decachlorobiphenyl	1	20	18.9	95		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	19.3	97		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.3	101		70 (60)	130 (140)
		Tetrachloro-m-xylene	1	20	20.8	104		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1514

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP070368.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	RBR251372MS											
Q1508-01MS	AR1016	234.4	0	152	ug/kg	65				40 (55)	140 (146)	
	AR1260	234.4	0	190	ug/kg	81				40 (31)	140 (146)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1514

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP070369.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	RBR251372MSD											
Q1508-01MSD	AR1016	234.4	0	156	ug/kg	67		3		40 (55)	140 (146)	30 (20)
	AR1260	234.4	0	197	ug/kg	84		4		40 (31)	140 (146)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1514

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PO109729.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167028BS	AR1016	5	4.90	ug/L	98				40 (61)	140 (112)		
	AR1260	5	4.60	ug/L	92				40 (66)	140 (113)		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1514

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PO109730.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167028BSD	AR1016	5	4.90	ug/L	98	0			40 (61)	140 (112)	20 (20)
	AR1260	5	4.60	ug/L	92	0			40 (66)	140 (113)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1514

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PP070355.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167029BS	AR1016	166.5	156	ug/kg	94				40 (71)	140 (120)		
	AR1260	166.5	147	ug/kg	88				40 (65)	140 (130)		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167028BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1514

SAS No.: Q1514 SDG NO.: Q1514

Lab Sample ID: PB167028BL

Lab File ID: PO109728.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/07/2025

Date Analyzed (1): 03/07/2025

Date Analyzed (2): 03/07/2025

Time Analyzed (1): 19:04

Time Analyzed (2): 19:04

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167028BS	PB167028BS	PO109729.D	03/07/2025	03/07/2025
PB167028BSD	PB167028BSD	PO109730.D	03/07/2025	03/07/2025
ENV-105-GW01	Q1514-07	PO109731.D	03/07/2025	03/07/2025
ENV-103-GW01	Q1514-08	PO109732.D	03/07/2025	03/07/2025
FB03062025	Q1514-09	PO109733.D	03/07/2025	03/07/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167029BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1514

SAS No.: Q1514 SDG NO.: Q1514

Lab Sample ID: PB167029BL

Lab File ID: PP070354.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/07/2025

Date Analyzed (1): 03/07/2025

Date Analyzed (2): 03/07/2025

Time Analyzed (1): 13:41

Time Analyzed (2): 13:41

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167029BS	PB167029BS	PP070355.D	03/07/2025	03/07/2025
RBR251372MS	Q1508-01MS	PP070368.D	03/07/2025	03/07/2025
RBR251372MSD	Q1508-01MSD	PP070369.D	03/07/2025	03/07/2025
ENV-105-SB01	Q1514-01	PP070370.D	03/07/2025	03/07/2025
ENV-105-SB02	Q1514-03	PP070371.D	03/07/2025	03/07/2025
ENV-103-SB01	Q1514-05	PP070372.D	03/07/2025	03/07/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167028BL	SDG No.:	Q1514
Lab Sample ID:	PB167028BL	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109728.D	1	03/07/25 09:15	03/07/25 19:04	PB167028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		30 (16) - 150 (158)	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		30 (10) - 150 (173)	92%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2025		Date Received:		
Client Sample ID:	PB167029BL		SDG No.:	Q1514	
Lab Sample ID:	PB167029BL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070354.D	1	03/07/25 08:25	03/07/25 13:41	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.40	U	3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	2.90	U	2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.2		30 (32) - 150 (144)	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		30 (32) - 150 (175)	108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	02/20/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	02/20/25	
Client Sample ID:	PIBLK-PO109425.D		SDG No.:	Q1514	
Lab Sample ID:	I.BLK-PO109425.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109425.D	1		02/20/25	PO022025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.1		70 (60) - 130 (140)	121%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.3		70 (60) - 130 (140)	126%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/07/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/07/25
Client Sample ID:	PIBLK-PO109727.D	SDG No.:	Q1514
Lab Sample ID:	I.BLK-PO109727.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109727.D	1		03/07/25	PO030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		70 (60) - 130 (140)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		70 (60) - 130 (140)	85%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/07/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/07/25	
Client Sample ID:	PIBLK-PO109741.D		SDG No.:	Q1514	
Lab Sample ID:	I.BLK-PO109741.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109741.D	1		03/07/25	PO030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		70 (60) - 130 (140)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		70 (60) - 130 (140)	91%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	02/24/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	02/24/25	
Client Sample ID:	PIBLK-PP069995.D		SDG No.:	Q1514	
Lab Sample ID:	I.BLK-PP069995.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069995.D	1		02/24/25	PP022425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		70 (60) - 130 (140)	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		70 (60) - 130 (140)	108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/07/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/07/25
Client Sample ID:	PIBLK-PP070348.D	SDG No.:	Q1514
Lab Sample ID:	I.BLK-PP070348.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070348.D	1		03/07/25	PP030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		70 (60) - 130 (140)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		70 (60) - 130 (140)	98%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/07/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/07/25	
Client Sample ID:	PIBLK-PP070363.D		SDG No.:	Q1514	
Lab Sample ID:	I.BLK-PP070363.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070363.D	1		03/07/25	PP030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		70 (60) - 130 (140)	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		70 (60) - 130 (140)	99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/07/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/07/25	
Client Sample ID:	PIBLK-PP070378.D		SDG No.:	Q1514	
Lab Sample ID:	I.BLK-PP070378.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070378.D	1		03/07/25	PP030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		70 (60) - 130 (140)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		70 (60) - 130 (140)	95%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2025		Date Received:		
Client Sample ID:	PB167028BS		SDG No.:	Q1514	
Lab Sample ID:	PB167028BS		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109729.D	1	03/07/25 09:15	03/07/25 19:22	PB167028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.90		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.60		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.2		30 (16) - 150 (158)	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		30 (10) - 150 (173)	95%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2025		Date Received:		
Client Sample ID:	PB167029BS		SDG No.:	Q1514	
Lab Sample ID:	PB167029BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070355.D	1	03/07/25 08:25	03/07/25 13:57	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		3.40	17.0	ug/kg
11104-28-2	Aroclor-1221	6.40	U	6.40	17.0	ug/kg
11141-16-5	Aroclor-1232	3.40	U	3.40	17.0	ug/kg
53469-21-9	Aroclor-1242	3.40	U	3.40	17.0	ug/kg
12672-29-6	Aroclor-1248	7.90	U	7.90	17.0	ug/kg
11097-69-1	Aroclor-1254	2.70	U	2.70	17.0	ug/kg
37324-23-5	Aroclor-1262	4.60	U	4.60	17.0	ug/kg
11100-14-4	Aroclor-1268	3.40	U	3.40	17.0	ug/kg
11096-82-5	Aroclor-1260	147		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.6		30 (32) - 150 (144)	123%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		30 (32) - 150 (175)	111%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167028BSD	SDG No.:	Q1514
Lab Sample ID:	PB167028BSD	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO109730.D	1	03/07/25 09:15	03/07/25 19:40	PB167028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.90		0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	4.60		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		30 (16) - 150 (158)	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		30 (10) - 150 (173)	92%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/06/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/06/25	
Client Sample ID:	RBR251372MS		SDG No.:	Q1514	
Lab Sample ID:	Q1508-01MS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	71	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070368.D	1	03/07/25 08:25	03/07/25 18:11	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	152		4.80	23.9	ug/kg
11104-28-2	Aroclor-1221	9.00	U	9.00	23.9	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	23.9	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	23.9	ug/kg
12672-29-6	Aroclor-1248	11.1	U	11.1	23.9	ug/kg
11097-69-1	Aroclor-1254	159		3.80	23.9	ug/kg
37324-23-5	Aroclor-1262	6.40	U	6.40	23.9	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	23.9	ug/kg
11096-82-5	Aroclor-1260	190		4.10	23.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.3		30 (32) - 150 (144)	67%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.7		30 (32) - 150 (175)	74%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/06/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/06/25	
Client Sample ID:	RBR251372MSD		SDG No.:	Q1514	
Lab Sample ID:	Q1508-01MSD		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	71	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070369.D	1	03/07/25 08:25	03/07/25 18:27	PB167029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	156		4.80	23.9	ug/kg
11104-28-2	Aroclor-1221	9.00	U	9.00	23.9	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	23.9	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	23.9	ug/kg
12672-29-6	Aroclor-1248	11.1	U	11.1	23.9	ug/kg
11097-69-1	Aroclor-1254	173	P	3.80	23.9	ug/kg
37324-23-5	Aroclor-1262	6.40	U	6.40	23.9	ug/kg
11100-14-4	Aroclor-1268	4.80	U	4.80	23.9	ug/kg
11096-82-5	Aroclor-1260	197		4.10	23.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	13.8		30 (32) - 150 (144)	69%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.6		30 (32) - 150 (175)	73%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H
I
J
K
L

GC Column: ZB-MR1 ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.76	8.76	8.75	8.76	8.75	8.76	8.66	8.86
Tetrachloro-m-xylene	3.70	3.70	3.70	3.70	3.70	3.70	3.60	3.80

A
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A
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J
K
L

GC Column: ZB-MR2 ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.71	8.71	8.71	8.71	8.70	8.71	8.61	8.81
Tetrachloro-m-xylene	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

A

B

C

D

E

F

G

H

I

J

K

L

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1514 **SAS No.:** Q1514 **SDG NO.:** Q1514

Instrument ID: ECD_O **Calibration Date(s):** 02/20/2025 02/21/2025
Calibration Times: 16:46 01:02

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PO109426.D</u>		CF 750 = <u>PO109427.D</u>			
CF 500 = <u>PO109428.D</u>		CF 250 = <u>PO109429.D</u>		CF 050 = <u>PO109430.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	285955176	296470909	301678880	330073932	327272520	308290283
Aroclor-1016-2	(2)	400344510	409149469	414645114	446605912	434387780	421026557
Aroclor-1016-3	(3)	275712654	284750529	289403798	321232168	307985600	295816950
Aroclor-1016-4	(4)	217819857	224475380	225979744	249359212	241266360	231780111
Aroclor-1016-5	(5)	234915990	244172492	252269048	280073416	279718840	258229957
Aroclor-1260-1	(1)	432857882	445030616	458030860	496965692	497771560	466131322
Aroclor-1260-2	(2)	530613873	540598143	549997768	596865796	607516180	565118352
Aroclor-1260-3	(3)	446055940	458685821	463532386	505033376	504998020	475661109
Aroclor-1260-4	(4)	409227231	417077069	426071740	458083200	447546300	431601108
Aroclor-1260-5	(5)	975246933	982402905	1001465846	1034939896	975352280	993881572
Decachlorobiphenyl		8144381710	8253336907	8542716440	9068866760	9000001000	8601860563
Tetrachloro-m-xylene		9594159870	9382441773	9407964980	9839303320	9101752600	9465124509
Aroclor-1242-1	(1)	241553792	248781753	263582376	278206104	276700060	261764817
Aroclor-1242-2	(2)	330250979	341141312	360022594	377835792	370979720	356046079
Aroclor-1242-3	(3)	230958690	239403319	256570990	271941764	257976860	251370325
Aroclor-1242-4	(4)	181873604	188232188	200194694	210194852	201763980	196451864
Aroclor-1242-5	(5)	192196869	198312276	212424054	232317448	236630280	214376185
Decachlorobiphenyl		7571460160	7783053733	8197005760	8686332120	8704566000	8188483555
Tetrachloro-m-xylene		9236931880	9400204853	9446860340	9568057960	9056865000	9341784007
Aroclor-1248-1	(1)	183385441	189253437	200901320	213658596	210346400	199509039
Aroclor-1248-2	(2)	249519113	262229969	281655510	299590856	298458120	278290714
Aroclor-1248-3	(3)	313646829	324719312	346217716	370103360	392176240	349372691
Aroclor-1248-4	(4)	439951399	452724037	479184310	509535492	504078340	477094716
Aroclor-1248-5	(5)	310476659	318507132	337630456	365736804	380196620	342509534
Decachlorobiphenyl		7703959900	7913043760	8337132500	8816038680	8879579800	8329950928
Tetrachloro-m-xylene		9154374770	9319706587	9763537060	9884300480	9250244600	9474432699
Aroclor-1254-1	(1)	480630669	491242291	514290722	548494120	543375540	515606668
Aroclor-1254-2	(2)	417535343	429223996	451482582	481224324	472406420	450374533
Aroclor-1254-3	(3)	684838056	697322969	725628940	760808456	711178620	715955408
Aroclor-1254-4	(4)	417970360	409808872	428749386	461366848	376062040	418791501
Aroclor-1254-5	(5)	597298518	608943563	631623464	663830224	617819000	623902954
Decachlorobiphenyl		7967092830	8125756000	8528343640	8986366600	8782372000	8477986214
Tetrachloro-m-xylene		9511051460	9602004080	9843620680	9994457760	8495604200	9489347636
Aroclor-1268-1	(1)	1298860853	1294002563	1318124330	1365675636	1344427900	1324218256

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1196326079	1189492827	1207881780	1246550744	1205280700	1209106426	2
Aroclor-1268-3	(3)	1000400149	998939115	1012813102	1049647308	1029090160	1018177967	2
Aroclor-1268-4	(4)	407507962	408969772	420298422	442140308	445377360	424858765	4
Aroclor-1268-5	(5)	3060378797	3013397139	3036609122	3075360324	2912511720	3019651420	2
Decachlorobiphenyl		14147642890	14125651173	14472115980	15180190720	15441285400	14673377233	4
Tetrachloro-m-xylene		9652630020	9799388160	9953085600	10360200640	9708060200	9894672924	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Instrument ID: ECD_O

Calibration Date(s): 02/20/2025 02/21/2025

Calibration Times: 16:46 01:02

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PO109426.D</u>		CF 750 = <u>PO109427.D</u>			
CF 500 = <u>PO109428.D</u>		CF 250 = <u>PO109429.D</u>		CF 050 = <u>PO109430.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	144422659	148428763	152032096	167484860	168484300	7
Aroclor-1016-2	(2)	205202725	208508729	213432994	229519564	225505040	5
Aroclor-1016-3	(3)	112302196	115067393	117212622	128579748	124094120	6
Aroclor-1016-4	(4)	94709981	98717735	101165102	112923876	112836120	8
Aroclor-1016-5	(5)	124417087	127943616	132644098	146345704	149917060	8
Aroclor-1260-1	(1)	217936136	223782013	232739904	251644640	258495520	7
Aroclor-1260-2	(2)	255563339	259366392	268832038	291215424	300878620	7
Aroclor-1260-3	(3)	239301078	242165468	249897958	270279452	273707020	6
Aroclor-1260-4	(4)	193987222	196916529	202218624	218214048	219624820	6
Aroclor-1260-5	(5)	436097628	435546231	443785112	464386884	459099080	3
Decachlorobiphenyl		2971514290	3027039307	3156019460	3385128400	3381593200	6
Tetrachloro-m-xylene		5186272490	5246400280	5221242400	5478386840	5038748400	3
Aroclor-1242-1	(1)	120966720	124746516	133128702	141428800	141463920	7
Aroclor-1242-2	(2)	169605960	173512545	183266616	192017376	189176180	5
Aroclor-1242-3	(3)	93390359	96634075	102245092	107691940	99411220	5
Aroclor-1242-4	(4)	96389066	101019272	107789002	115338428	114056640	8
Aroclor-1242-5	(5)	113196636	117716005	125239314	135801980	136573300	8
Decachlorobiphenyl		2727823240	2861750760	3019178360	3243379080	3243962600	8
Tetrachloro-m-xylene		5001213420	5078322907	5254229320	5289448280	4851665000	4
Aroclor-1248-1	(1)	91256927	94139561	100767396	107614600	108857060	8
Aroclor-1248-2	(2)	130560541	136645137	146421094	157143508	156628300	8
Aroclor-1248-3	(3)	139283148	144897643	155701690	166430352	168727860	8
Aroclor-1248-4	(4)	163903044	169411200	180364434	193711724	196594760	8
Aroclor-1248-5	(5)	154356880	158447996	169575560	183331920	195308840	10
Decachlorobiphenyl		2790488700	2873613467	3038569420	3241156720	3294897400	7
Tetrachloro-m-xylene		4955293160	5040468413	5221131320	5264696400	4750589600	4
Aroclor-1254-1	(1)	243640751	248872624	260914738	280861344	273402140	6
Aroclor-1254-2	(2)	212545511	218679507	230680254	249214456	261687520	9
Aroclor-1254-3	(3)	339799719	346366689	360950750	378906048	357499640	4
Aroclor-1254-4	(4)	192329190	189854227	199746634	214807996	168878980	9
Aroclor-1254-5	(5)	278490681	283928981	296376396	314100456	310764660	5
Decachlorobiphenyl		2841760820	2921691133	3072525860	3310057280	3280037800	7
Tetrachloro-m-xylene		5117525260	5147853200	5214583540	5337931960	4481650800	7
Aroclor-1268-1	(1)	554131487	553810328	564174560	591076320	593868340	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	512614105	511079256	520949472	543420336	536655740	524943782	3
Aroclor-1268-3	(3)	413643589	412567932	420525622	442592008	450889440	428043718	4
Aroclor-1268-4	(4)	153729603	155030577	163078820	169661456	165174880	161335067	4
Aroclor-1268-5	(5)	1087226853	1077982207	1085826158	1121186428	1093500600	1093144449	2
Decachlorobiphenyl		4950835750	4972853373	5123922200	5430816080	5582978400	5212281161	5
Tetrachloro-m-xylene		5266816140	5271127760	5328349480	5507659840	5128975000	5300585644	3

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Instrument ID: ECD_O Date(s) Analyzed: 02/20/2025 02/21/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.91	3.81	4.01	131879000
		2	4.00	3.90	4.10	98701000
		3	4.07	3.97	4.17	269838000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	208928000
		2	4.57	4.47	4.67	116083000
		3	4.81	4.71	4.91	201936000
		4	4.99	4.89	5.09	111220000
		5	5.03	4.93	5.13	81668600
Aroclor-1262	500	1	6.85	6.75	6.95	665842000
		2	7.35	7.25	7.45	1129720000
		3	7.63	7.53	7.73	448264000
		4	7.70	7.60	7.80	829210000
		5	8.19	8.09	8.29	373330000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Instrument ID: ECD_O Date(s) Analyzed: 02/20/2025 02/21/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.91	3.81	4.01	68502400
		2	3.99	3.89	4.09	51339800
		3	4.07	3.97	4.17	145428000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.07	3.97	4.17	111462000
		2	4.80	4.70	4.90	103317000
		3	4.97	4.87	5.07	56771800
		4	5.06	4.96	5.16	54894600
		5	5.23	5.13	5.33	58805000
Aroclor-1262	500	1	6.81	6.71	6.91	317212000
		2	7.31	7.21	7.41	498620000
		3	7.60	7.50	7.70	196255000
		4	7.66	7.56	7.76	354890000
		5	8.15	8.05	8.25	143138000

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GC Column: ZB-MR1 ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.25	10.25	10.26	10.25	10.26	10.25	10.15	10.35
Tetrachloro-m-xylene	4.52	4.53	4.53	4.52	4.53	4.53	4.43	4.63

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GC Column: ZB-MR2 ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Tetrachloro-m-xylene	3.83	3.83	3.83	3.83	3.83	3.83	3.73	3.93

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1514 **SAS No.:** Q1514 **SDG NO.:** Q1514

Instrument ID: ECD_P **Calibration Date(s):** 02/24/2025 02/24/2025
Calibration Times: 14:59 22:17

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PP069996.D</u>		CF 750 = <u>PP069997.D</u>			
CF 500 = <u>PP069998.D</u>		CF 250 = <u>PP069999.D</u>		CF 050 = <u>PP070000.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	45557625	47855512	49968516	54800208	50948980	49826168
Aroclor-1016-2	(2)	66706952	67781012	72991154	76640772	69769920	70777962
Aroclor-1016-3	(3)	40794671	44579197	45146958	47844192	41247180	43922440
Aroclor-1016-4	(4)	33978080	35043389	37559532	39668600	35057220	36261364
Aroclor-1016-5	(5)	31514906	31680175	34068042	35364724	35064900	33538549
Aroclor-1260-1	(1)	54823994	55486535	59388846	62695304	59405260	58359988
Aroclor-1260-2	(2)	73383444	75987972	80712800	85961116	92581060	81725278
Aroclor-1260-3	(3)	59489338	60560020	64011918	67792592	61951460	62761066
Aroclor-1260-4	(4)	58704582	59596489	63141360	67201512	68361020	63400993
Aroclor-1260-5	(5)	124764910	128178828	134805260	140592412	127581700	131184622
Decachlorobiphenyl		1071742430	1139629213	1165555660	1227723520	1090515400	1139033245
Tetrachloro-m-xylene		1433727050	1435859520	1533424440	1590932200	1344174400	1467623522
Aroclor-1242-1	(1)	38359202	40766156	41566668	47963164	43620760	42455190
Aroclor-1242-2	(2)	56757612	55666953	60328714	62664932	52294440	57542530
Aroclor-1242-3	(3)	34692482	36785992	38528310	46539712	33080140	37925327
Aroclor-1242-4	(4)	28738709	28291829	32018112	32372976	27652280	29814781
Aroclor-1242-5	(5)	32588629	32785485	35429746	39255208	36117200	35235254
Decachlorobiphenyl		1021050090	1049520227	1099648880	1125224680	979176800	1054924135
Tetrachloro-m-xylene		1392047690	1350066600	1467421460	1456806320	1242599600	1381788334
Aroclor-1248-1	(1)	29585124	31433301	32559076	36305496	33667780	32710155
Aroclor-1248-2	(2)	39473771	42013749	42864276	46958912	39450360	42152214
Aroclor-1248-3	(3)	43926772	44170904	46948106	50004072	40811360	45172243
Aroclor-1248-4	(4)	53918087	55655911	58640506	66304332	60297700	58963307
Aroclor-1248-5	(5)	51833391	52919351	56894804	67563228	56719440	57186043
Decachlorobiphenyl		1044729320	1067835560	1119982260	1186291160	1031748600	1090117380
Tetrachloro-m-xylene		1393266240	1426265507	1481945040	1527838200	1310175600	1427898117
Aroclor-1254-1	(1)	51156577	57570420	60622162	67008468	47144000	56700325
Aroclor-1254-2	(2)	78872042	81254612	86985854	93340172	97974740	87685484
Aroclor-1254-3	(3)	79973406	82322503	87641586	92940192	102754200	89126377
Aroclor-1254-4	(4)	66856800	68050653	73453394	76814612	87380160	74511124
Aroclor-1254-5	(5)	65315189	68448207	69620926	72356948	60070200	67162294
Decachlorobiphenyl		1075591380	1094765307	1221801800	1207489520	1097348200	1139399241
Tetrachloro-m-xylene		1443804100	1475957520	1555264320	1605313440	1392239200	1494515716
Aroclor-1268-1	(1)	188433469	184749517	193628348	206851508	186804180	192093404

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	162697797	159627413	168307400	177293676	160000200	165585297	4
Aroclor-1268-3	(3)	141621356	137143849	145386650	153273656	140094780	143504058	4
Aroclor-1268-4	(4)	63392961	60284985	64357574	66970196	60240320	63049207	5
Aroclor-1268-5	(5)	414016384	401287087	418333378	444189832	401775920	415920520	4
Decachlorobiphenyl		1839528480	1828279133	1916502300	2031355480	1847859400	1892704959	4
Tetrachloro-m-xylene		1501238100	1376017987	1532711540	1621137720	1417123400	1489645749	7

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1514 **SAS No.:** Q1514 **SDG NO.:** Q1514

Instrument ID: ECD_P **Calibration Date(s):** 02/24/2025 02/24/2025
Calibration Times: 14:59 22:17

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:								
CF 1000 =		PP069996.D		CF 750 =		PP069997.D		
CF 500 =		PP069998.D		CF 250 =		PP069999.D		
CF 050 =		PP070000.D						
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	29885830	30191223	33586918	36186236	37142680	33398577	10
Aroclor-1016-2	(2)	42247324	42370143	46984138	50510676	50858960	46594248	9
Aroclor-1016-3	(3)	23325129	22666977	25816242	27757500	25596220	25032414	8
Aroclor-1016-4	(4)	18421261	17991491	20585360	22152124	21203180	20070683	9
Aroclor-1016-5	(5)	23822938	23028484	26536406	28616852	27728040	25946544	9
Aroclor-1260-1	(1)	44977992	45171227	49550340	56779968	51216800	49539265	10
Aroclor-1260-2	(2)	59688698	59926561	64720792	71640216	71124240	65420101	9
Aroclor-1260-3	(3)	52251359	51461445	57261004	62988144	77648420	60322074	18
Aroclor-1260-4	(4)	44361395	45109507	48615116	51524344	54726600	48867392	9
Aroclor-1260-5	(5)	111484150	113477796	119592622	125243744	126075940	119174850	6
Decachlorobiphenyl		984571270	1029317907	1118262220	1135932120	1152437600	1084104223	7
Tetrachloro-m-xylene		879784240	907640400	952717360	1058760600	981262000	956032920	7
Aroclor-1242-1	(1)	25489035	24475017	27848416	27117444	28407820	26667546	6
Aroclor-1242-2	(2)	35977820	35199769	38539928	39076044	37212540	37201220	4
Aroclor-1242-3	(3)	19863858	18273261	20997152	20082888	19211500	19685732	5
Aroclor-1242-4	(4)	18777771	17922656	19968364	21100536	20505160	19654897	7
Aroclor-1242-5	(5)	24360224	22407967	26366090	27368000	23855560	24871568	8
Decachlorobiphenyl		899284040	984619373	1017502000	1027377360	962336000	978223755	5
Tetrachloro-m-xylene		920809800	854904253	959106780	929536920	894966400	911864831	4
Aroclor-1248-1	(1)	19339318	20312839	22158310	22596092	21441940	21169700	6
Aroclor-1248-2	(2)	25841628	26874321	28982946	30984640	28578600	28252427	7
Aroclor-1248-3	(3)	26866525	28025000	30088164	32810700	30987640	29755606	8
Aroclor-1248-4	(4)	31739244	33065895	35285822	36808472	38827540	35145395	8
Aroclor-1248-5	(5)	32923317	34190145	36090288	38291344	39345240	36168067	7
Decachlorobiphenyl		999826530	1002616133	1003875200	1054961080	1165261200	1045308029	7
Tetrachloro-m-xylene		903111320	931293867	957405100	986258320	972075400	950028801	3
Aroclor-1254-1	(1)	50279933	51640439	55752488	60013056	55160920	54569367	7
Aroclor-1254-2	(2)	44271421	45567105	49578352	53549416	50761380	48745535	8
Aroclor-1254-3	(3)	70979950	72598121	78881282	84287020	72336540	75816583	7
Aroclor-1254-4	(4)	50771725	50149405	54249580	57298592	44830820	51460024	9
Aroclor-1254-5	(5)	64408865	66088107	72696700	75630908	59021560	67569228	10
Decachlorobiphenyl		963124600	1013018133	1145558760	1245512000	1148271200	1103096939	10
Tetrachloro-m-xylene		957176240	952284093	991535260	1081903280	978837400	992347255	5
Aroclor-1268-1	(1)	160284327	157759444	159569126	170516088	180615940	165748985	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	139528496	137224495	137304354	146542344	164608100	145041558	8
Aroclor-1268-3	(3)	118669811	115934707	120470364	129761704	127485360	122464389	5
Aroclor-1268-4	(4)	50956768	50155827	52914114	57814536	54084040	53185057	6
Aroclor-1268-5	(5)	345492428	353062379	344150492	366619864	366772500	355219533	3
Decachlorobiphenyl		1574839450	1670989493	1686779340	1791292760	1882315600	1721243329	7
Tetrachloro-m-xylene		969499550	855552893	995885280	1076293640	1034726400	986391553	8

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Instrument ID: ECD_P Date(s) Analyzed: 02/24/2025 02/24/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.73	4.63	4.83	18915900
		2	4.81	4.71	4.91	14591600
		3	4.89	4.79	4.99	43158200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.89	4.79	4.99	32884000
		2	5.42	5.32	5.52	16260200
		3	5.70	5.60	5.80	34867200
		4	5.86	5.76	5.96	17799400
		5	5.95	5.85	6.05	12607200
Aroclor-1262	500	1	8.11	8.01	8.21	80729000
		2	8.43	8.33	8.53	161087000
		3	8.75	8.65	8.85	110612000
		4	8.84	8.74	8.94	83914000
		5	9.49	9.39	9.59	58804600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Instrument ID: ECD_P Date(s) Analyzed: 02/24/2025 02/24/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.04	3.94	4.14	13421200
		2	4.13	4.03	4.23	10166200
		3	4.21	4.11	4.31	30359600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.21	4.11	4.31	22742000
		2	4.94	4.84	5.04	22833200
		3	5.12	5.02	5.22	12024000
		4	5.20	5.10	5.30	10865300
		5	5.37	5.27	5.47	11305400
Aroclor-1262	500	1	6.97	6.87	7.07	83475400
		2	7.23	7.13	7.33	66291000
		3	7.75	7.65	7.85	60580400
		4	7.81	7.71	7.91	105474000
		5	8.32	8.22	8.42	51930200

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 17:33 Initial Calibration Time(s): 16:46 01:02

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 17:33 Initial Calibration Time(s): 16:46 01:02

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL01 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109723.D Time Analyzed: 17:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.789	4.691	4.891	528.490	500.000	5.7
Aroclor-1016-2	4.809	4.711	4.911	534.270	500.000	6.9
Aroclor-1016-3	4.865	4.767	4.967	530.540	500.000	6.1
Aroclor-1016-4	4.986	4.888	5.088	528.650	500.000	5.7
Aroclor-1016-5	5.243	5.145	5.345	533.980	500.000	6.8
Aroclor-1260-1	6.285	6.188	6.388	462.800	500.000	-7.4
Aroclor-1260-2	6.475	6.377	6.577	464.780	500.000	-7.0
Aroclor-1260-3	6.843	6.746	6.946	480.600	500.000	-3.9
Aroclor-1260-4	7.103	7.005	7.205	474.640	500.000	-5.1
Aroclor-1260-5	7.345	7.247	7.447	455.720	500.000	-8.9
Decachlorobiphenyl	8.753	8.657	8.857	47.210	50.000	-5.6
Tetrachloro-m-xylene	3.696	3.598	3.798	52.860	50.000	5.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL01 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109723.D Time Analyzed: 17:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.777	4.678	4.878	559.280	500.000	11.9
Aroclor-1016-2	4.796	4.697	4.897	567.820	500.000	13.6
Aroclor-1016-3	4.973	4.872	5.072	564.830	500.000	13.0
Aroclor-1016-4	5.014	4.914	5.114	529.430	500.000	5.9
Aroclor-1016-5	5.227	5.127	5.327	564.140	500.000	12.8
Aroclor-1260-1	6.260	6.161	6.361	507.370	500.000	1.5
Aroclor-1260-2	6.447	6.348	6.548	501.990	500.000	0.4
Aroclor-1260-3	6.601	6.502	6.702	495.000	500.000	-1.0
Aroclor-1260-4	7.073	6.974	7.174	480.740	500.000	-3.9
Aroclor-1260-5	7.314	7.214	7.414	491.550	500.000	-1.7
Decachlorobiphenyl	8.706	8.607	8.807	48.200	50.000	-3.6
Tetrachloro-m-xylene	3.694	3.594	3.794	56.280	50.000	12.6

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 22:17 Initial Calibration Time(s): 16:46 01:02

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.79	4.79	4.69	4.89	0.00
Aroclor-1016-2	(2)	4.81	4.81	4.71	4.91	0.00
Aroclor-1016-3	(3)	4.87	4.87	4.77	4.97	0.01
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.47	6.48	6.38	6.58	0.01
Aroclor-1260-3	(3)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.10	7.11	7.01	7.21	0.01
Aroclor-1260-5	(5)	7.34	7.35	7.25	7.45	0.01
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.75	8.76	8.66	8.86	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 22:17 Initial Calibration Time(s): 16:46 01:02

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-2	(2)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-3	(3)	4.97	4.97	4.87	5.07	0.00
Aroclor-1016-4	(4)	5.01	5.01	4.91	5.11	0.00
Aroclor-1016-5	(5)	5.23	5.23	5.13	5.33	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.69	3.69	3.59	3.79	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL02 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109737.D Time Analyzed: 22:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.789	4.691	4.891	540.020	500.000	8.0
Aroclor-1016-2	4.809	4.711	4.911	542.330	500.000	8.5
Aroclor-1016-3	4.865	4.767	4.967	543.280	500.000	8.7
Aroclor-1016-4	4.985	4.888	5.088	545.240	500.000	9.0
Aroclor-1016-5	5.244	5.145	5.345	568.490	500.000	13.7
Aroclor-1260-1	6.285	6.188	6.388	527.110	500.000	5.4
Aroclor-1260-2	6.474	6.377	6.577	516.030	500.000	3.2
Aroclor-1260-3	6.842	6.746	6.946	506.590	500.000	1.3
Aroclor-1260-4	7.102	7.005	7.205	494.530	500.000	-1.1
Aroclor-1260-5	7.344	7.247	7.447	488.740	500.000	-2.3
Decachlorobiphenyl	8.752	8.657	8.857	43.420	50.000	-13.2
Tetrachloro-m-xylene	3.696	3.598	3.798	53.250	50.000	6.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/20/2025 02/20/2025

Client Sample No.: CCAL02 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PO109737.D Time Analyzed: 22:17

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.777	4.678	4.878	561.250	500.000	12.3
Aroclor-1016-2	4.796	4.697	4.897	574.670	500.000	14.9
Aroclor-1016-3	4.971	4.872	5.072	572.490	500.000	14.5
Aroclor-1016-4	5.013	4.914	5.114	519.900	500.000	4.0
Aroclor-1016-5	5.226	5.127	5.327	592.260	500.000	18.5
Aroclor-1260-1	6.259	6.161	6.361	541.810	500.000	8.4
Aroclor-1260-2	6.447	6.348	6.548	542.930	500.000	8.6
Aroclor-1260-3	6.600	6.502	6.702	533.020	500.000	6.6
Aroclor-1260-4	7.072	6.974	7.174	520.050	500.000	4.0
Aroclor-1260-5	7.313	7.214	7.414	527.490	500.000	5.5
Decachlorobiphenyl	8.705	8.607	8.807	45.760	50.000	-8.5
Tetrachloro-m-xylene	3.694	3.594	3.794	56.600	50.000	13.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 10:58 Initial Calibration Time(s): 14:59 22:17

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.77	5.67	5.87	0.01
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.16	6.06	6.26	0.01
Aroclor-1260-1	(1)	7.27	7.28	7.18	7.38	0.01
Aroclor-1260-2	(2)	7.53	7.53	7.43	7.63	0.00
Aroclor-1260-3	(3)	7.88	7.89	7.79	7.99	0.01
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.25	10.26	10.16	10.36	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 10:58 Initial Calibration Time(s): 14:59 22:17

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-4	(4)	5.15	5.16	5.06	5.26	0.01
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-2	(2)	6.59	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.46	7.47	7.37	7.57	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.89	8.79	8.99	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL03 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070344.D Time Analyzed: 10:58

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.677	5.581	5.781	480.930	500.000	-3.8
Aroclor-1016-2	5.699	5.602	5.802	500.630	500.000	0.1
Aroclor-1016-3	5.762	5.665	5.865	483.140	500.000	-3.4
Aroclor-1016-4	5.858	5.762	5.962	491.090	500.000	-1.8
Aroclor-1016-5	6.152	6.056	6.256	494.120	500.000	-1.2
Aroclor-1260-1	7.272	7.175	7.375	497.790	500.000	-0.4
Aroclor-1260-2	7.525	7.429	7.629	482.220	500.000	-3.6
Aroclor-1260-3	7.884	7.788	7.988	522.690	500.000	4.5
Aroclor-1260-4	8.108	8.012	8.212	516.070	500.000	3.2
Aroclor-1260-5	8.429	8.333	8.533	506.350	500.000	1.3
Decachlorobiphenyl	10.251	10.156	10.356	49.190	50.000	-1.6
Tetrachloro-m-xylene	4.525	4.427	4.627	53.970	50.000	7.9

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL03 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070344.D Time Analyzed: 10:58

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.916	4.820	5.020	505.660	500.000	1.1
Aroclor-1016-2	4.935	4.839	5.039	503.030	500.000	0.6
Aroclor-1016-3	5.112	5.017	5.217	522.440	500.000	4.5
Aroclor-1016-4	5.154	5.058	5.258	515.150	500.000	3.0
Aroclor-1016-5	5.369	5.273	5.473	528.830	500.000	5.8
Aroclor-1260-1	6.406	6.312	6.512	487.230	500.000	-2.6
Aroclor-1260-2	6.594	6.500	6.700	492.820	500.000	-1.4
Aroclor-1260-3	6.748	6.654	6.854	461.080	500.000	-7.8
Aroclor-1260-4	7.221	7.126	7.326	526.310	500.000	5.3
Aroclor-1260-5	7.462	7.367	7.567	540.800	500.000	8.2
Decachlorobiphenyl	8.881	8.788	8.988	46.780	50.000	-6.4
Tetrachloro-m-xylene	3.828	3.730	3.930	50.560	50.000	1.1

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 15:45 Initial Calibration Time(s): 14:59 22:17

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.77	5.67	5.87	0.01
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.16	6.06	6.26	0.01
Aroclor-1260-1	(1)	7.27	7.28	7.18	7.38	0.01
Aroclor-1260-2	(2)	7.53	7.53	7.43	7.63	0.00
Aroclor-1260-3	(3)	7.89	7.89	7.79	7.99	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.25	10.26	10.16	10.36	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 15:45 Initial Calibration Time(s): 14:59 22:17

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-3	(3)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-4	(4)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-2	(2)	6.60	6.60	6.50	6.70	0.00
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.46	7.47	7.37	7.57	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.89	8.79	8.99	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL04 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070359.D Time Analyzed: 15:45

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.678	5.581	5.781	485.280	500.000	-2.9
Aroclor-1016-2	5.700	5.602	5.802	488.960	500.000	-2.2
Aroclor-1016-3	5.762	5.665	5.865	477.110	500.000	-4.6
Aroclor-1016-4	5.860	5.762	5.962	483.790	500.000	-3.2
Aroclor-1016-5	6.153	6.056	6.256	506.220	500.000	1.2
Aroclor-1260-1	7.272	7.175	7.375	498.040	500.000	-0.4
Aroclor-1260-2	7.526	7.429	7.629	480.170	500.000	-4.0
Aroclor-1260-3	7.885	7.788	7.988	511.910	500.000	2.4
Aroclor-1260-4	8.110	8.012	8.212	500.740	500.000	0.1
Aroclor-1260-5	8.430	8.333	8.533	507.150	500.000	1.4
Decachlorobiphenyl	10.254	10.156	10.356	49.030	50.000	-1.9
Tetrachloro-m-xylene	4.525	4.427	4.627	53.530	50.000	7.1

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL04 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070359.D Time Analyzed: 15:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.917	4.820	5.020	495.440	500.000	-0.9
Aroclor-1016-2	4.936	4.839	5.039	500.480	500.000	0.1
Aroclor-1016-3	5.113	5.017	5.217	521.100	500.000	4.2
Aroclor-1016-4	5.155	5.058	5.258	517.520	500.000	3.5
Aroclor-1016-5	5.370	5.273	5.473	523.670	500.000	4.7
Aroclor-1260-1	6.408	6.312	6.512	483.400	500.000	-3.3
Aroclor-1260-2	6.596	6.500	6.700	486.610	500.000	-2.7
Aroclor-1260-3	6.750	6.654	6.854	461.360	500.000	-7.7
Aroclor-1260-4	7.223	7.126	7.326	534.160	500.000	6.8
Aroclor-1260-5	7.463	7.367	7.567	538.180	500.000	7.6
Decachlorobiphenyl	8.883	8.788	8.988	49.460	50.000	-1.1
Tetrachloro-m-xylene	3.829	3.730	3.930	49.650	50.000	-0.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 20:32 Initial Calibration Time(s): 14:59 22:17

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.68	5.68	5.58	5.78	0.00
Aroclor-1016-2	(2)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-3	(3)	5.76	5.77	5.67	5.87	0.01
Aroclor-1016-4	(4)	5.86	5.86	5.76	5.96	0.00
Aroclor-1016-5	(5)	6.15	6.16	6.06	6.26	0.01
Aroclor-1260-1	(1)	7.27	7.28	7.18	7.38	0.01
Aroclor-1260-2	(2)	7.53	7.53	7.43	7.63	0.00
Aroclor-1260-3	(3)	7.89	7.89	7.79	7.99	0.00
Aroclor-1260-4	(4)	8.11	8.11	8.01	8.21	0.00
Aroclor-1260-5	(5)	8.43	8.43	8.33	8.53	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.25	10.26	10.16	10.36	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Continuing Calib Date: 03/07/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 20:32 Initial Calibration Time(s): 14:59 22:17

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-4	(4)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-5	(5)	5.37	5.37	5.27	5.47	0.00
Aroclor-1260-1	(1)	6.41	6.41	6.31	6.51	0.00
Aroclor-1260-2	(2)	6.60	6.60	6.50	6.70	0.01
Aroclor-1260-3	(3)	6.75	6.75	6.65	6.85	0.00
Aroclor-1260-4	(4)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.46	7.47	7.37	7.57	0.01
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.88	8.89	8.79	8.99	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL05 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070374.D Time Analyzed: 20:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.678	5.581	5.781	483.600	500.000	-3.3
Aroclor-1016-2	5.700	5.602	5.802	489.820	500.000	-2.0
Aroclor-1016-3	5.762	5.665	5.865	482.920	500.000	-3.4
Aroclor-1016-4	5.860	5.762	5.962	488.620	500.000	-2.3
Aroclor-1016-5	6.153	6.056	6.256	484.370	500.000	-3.1
Aroclor-1260-1	7.272	7.175	7.375	502.220	500.000	0.4
Aroclor-1260-2	7.526	7.429	7.629	478.070	500.000	-4.4
Aroclor-1260-3	7.885	7.788	7.988	511.980	500.000	2.4
Aroclor-1260-4	8.109	8.012	8.212	496.830	500.000	-0.6
Aroclor-1260-5	8.430	8.333	8.533	499.330	500.000	-0.1
Decachlorobiphenyl	10.253	10.156	10.356	48.470	50.000	-3.1
Tetrachloro-m-xylene	4.526	4.427	4.627	53.510	50.000	7.0

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 02/24/2025 02/24/2025

Client Sample No.: CCAL05 Date Analyzed: 03/07/2025

Lab Sample No.: AR1660CCC500 Data File : PP070374.D Time Analyzed: 20:32

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.916	4.820	5.020	499.910	500.000	0.0
Aroclor-1016-2	4.935	4.839	5.039	503.950	500.000	0.8
Aroclor-1016-3	5.112	5.017	5.217	522.390	500.000	4.5
Aroclor-1016-4	5.155	5.058	5.258	500.390	500.000	0.1
Aroclor-1016-5	5.369	5.273	5.473	532.610	500.000	6.5
Aroclor-1260-1	6.407	6.312	6.512	483.720	500.000	-3.3
Aroclor-1260-2	6.595	6.500	6.700	494.560	500.000	-1.1
Aroclor-1260-3	6.749	6.654	6.854	460.460	500.000	-7.9
Aroclor-1260-4	7.221	7.126	7.326	508.970	500.000	1.8
Aroclor-1260-5	7.463	7.367	7.567	526.760	500.000	5.4
Decachlorobiphenyl	8.882	8.788	8.988	48.760	50.000	-2.5
Tetrachloro-m-xylene	3.828	3.730	3.930	50.130	50.000	0.3

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1514
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 02/20/2025 02/20/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	02/20/2025	16:28	PO109425.D	8.76	3.70
AR1660ICC1000	AR1660ICC1000	02/20/2025	16:46	PO109426.D	8.76	3.70
AR1660ICC750	AR1660ICC750	02/20/2025	17:04	PO109427.D	8.76	3.70
AR1660ICC500	AR1660ICC500	02/20/2025	17:23	PO109428.D	8.76	3.70
AR1660ICC250	AR1660ICC250	02/20/2025	17:41	PO109429.D	8.76	3.70
AR1660ICC050	AR1660ICC050	02/20/2025	17:59	PO109430.D	8.76	3.70
AR1221ICC500	AR1221ICC500	02/20/2025	18:18	PO109431.D	8.76	3.70
AR1232ICC500	AR1232ICC500	02/20/2025	18:36	PO109432.D	8.76	3.70
AR1242ICC1000	AR1242ICC1000	02/20/2025	18:55	PO109433.D	8.76	3.70
AR1242ICC750	AR1242ICC750	02/20/2025	19:13	PO109434.D	8.76	3.70
AR1242ICC500	AR1242ICC500	02/20/2025	19:31	PO109435.D	8.76	3.70
AR1242ICC250	AR1242ICC250	02/20/2025	19:50	PO109436.D	8.76	3.70
AR1242ICC050	AR1242ICC050	02/20/2025	20:08	PO109437.D	8.76	3.70
AR1248ICC1000	AR1248ICC1000	02/20/2025	20:26	PO109438.D	8.76	3.70
AR1248ICC750	AR1248ICC750	02/20/2025	20:45	PO109439.D	8.76	3.70
AR1248ICC500	AR1248ICC500	02/20/2025	21:03	PO109440.D	8.76	3.70
AR1248ICC250	AR1248ICC250	02/20/2025	21:21	PO109441.D	8.76	3.70
AR1248ICC050	AR1248ICC050	02/20/2025	21:40	PO109442.D	8.75	3.70
AR1254ICC1000	AR1254ICC1000	02/20/2025	21:58	PO109443.D	8.75	3.70
AR1254ICC750	AR1254ICC750	02/20/2025	22:17	PO109444.D	8.76	3.70
AR1254ICC500	AR1254ICC500	02/20/2025	22:35	PO109445.D	8.76	3.70
AR1254ICC250	AR1254ICC250	02/20/2025	22:53	PO109446.D	8.76	3.70
AR1254ICC050	AR1254ICC050	02/20/2025	23:12	PO109447.D	8.76	3.70
AR1262ICC500	AR1262ICC500	02/20/2025	23:30	PO109448.D	8.75	3.70
AR1268ICC1000	AR1268ICC1000	02/20/2025	23:48	PO109449.D	8.76	3.70
AR1268ICC750	AR1268ICC750	02/21/2025	00:07	PO109450.D	8.76	3.70
AR1268ICC500	AR1268ICC500	02/21/2025	00:25	PO109451.D	8.75	3.70
AR1268ICC250	AR1268ICC250	02/21/2025	00:43	PO109452.D	8.76	3.70
AR1268ICC050	AR1268ICC050	02/21/2025	01:02	PO109453.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/07/2025	17:33	PO109723.D	8.75	3.70
IBLK	IBLK	03/07/2025	18:45	PO109727.D	8.75	3.70
PB167028BL	PB167028BL	03/07/2025	19:04	PO109728.D	8.75	3.70
PB167028BS	PB167028BS	03/07/2025	19:22	PO109729.D	8.75	3.70
PB167028BSD	PB167028BSD	03/07/2025	19:40	PO109730.D	8.75	3.70
ENV-105-GW01	Q1514-07	03/07/2025	19:59	PO109731.D	8.75	3.70
ENV-103-GW01	Q1514-08	03/07/2025	20:17	PO109732.D	8.75	3.70
FB03062025	Q1514-09	03/07/2025	20:35	PO109733.D	8.75	3.70
AR1660CCC500	AR1660CCC500	03/07/2025	22:17	PO109737.D	8.75	3.70
IBLK	IBLK	03/07/2025	23:30	PO109741.D	8.75	3.70
IBLK	IBLK	02/24/2025	14:43	PP069995.D	10.25	4.53
AR1660ICC1000	AR1660ICC1000	02/24/2025	14:59	PP069996.D	10.25	4.52
AR1660ICC750	AR1660ICC750	02/24/2025	15:15	PP069997.D	10.26	4.53

Analytical Sequence

AR1660ICC500	AR1660ICC500	02/24/2025	15:32	PP069998.D	10.26	4.53
AR1660ICC250	AR1660ICC250	02/24/2025	15:48	PP069999.D	10.25	4.52
AR1660ICC050	AR1660ICC050	02/24/2025	16:04	PP070000.D	10.26	4.53
AR1221ICC500	AR1221ICC500	02/24/2025	16:20	PP070001.D	10.25	4.52
AR1232ICC500	AR1232ICC500	02/24/2025	16:37	PP070002.D	10.26	4.53
AR1242ICC1000	AR1242ICC1000	02/24/2025	16:53	PP070003.D	10.26	4.53
AR1242ICC750	AR1242ICC750	02/24/2025	17:09	PP070004.D	10.25	4.52
AR1242ICC500	AR1242ICC500	02/24/2025	17:25	PP070005.D	10.26	4.53
AR1242ICC250	AR1242ICC250	02/24/2025	17:42	PP070006.D	10.25	4.53
AR1242ICC050	AR1242ICC050	02/24/2025	17:58	PP070007.D	10.26	4.53
AR1248ICC1000	AR1248ICC1000	02/24/2025	18:14	PP070008.D	10.26	4.53
AR1248ICC750	AR1248ICC750	02/24/2025	18:30	PP070009.D	10.26	4.53
AR1248ICC500	AR1248ICC500	02/24/2025	18:46	PP070010.D	10.26	4.53
AR1248ICC250	AR1248ICC250	02/24/2025	19:03	PP070011.D	10.26	4.53
AR1248ICC050	AR1248ICC050	02/24/2025	19:19	PP070012.D	10.25	4.52
AR1254ICC1000	AR1254ICC1000	02/24/2025	19:35	PP070013.D	10.26	4.53
AR1254ICC750	AR1254ICC750	02/24/2025	19:51	PP070014.D	10.25	4.52
AR1254ICC500	AR1254ICC500	02/24/2025	20:08	PP070015.D	10.26	4.53
AR1254ICC250	AR1254ICC250	02/24/2025	20:24	PP070016.D	10.26	4.53
AR1254ICC050	AR1254ICC050	02/24/2025	20:40	PP070017.D	10.26	4.52
AR1262ICC500	AR1262ICC500	02/24/2025	20:56	PP070018.D	10.25	4.53
AR1268ICC1000	AR1268ICC1000	02/24/2025	21:12	PP070019.D	10.25	4.52
AR1268ICC750	AR1268ICC750	02/24/2025	21:29	PP070020.D	10.25	4.53
AR1268ICC500	AR1268ICC500	02/24/2025	21:45	PP070021.D	10.26	4.53
AR1268ICC250	AR1268ICC250	02/24/2025	22:01	PP070022.D	10.25	4.52
AR1268ICC050	AR1268ICC050	02/24/2025	22:17	PP070023.D	10.26	4.53
AR1660CCC500	AR1660CCC500	03/07/2025	10:58	PP070344.D	10.25	4.53
IBLK	IBLK	03/07/2025	12:03	PP070348.D	10.25	4.53
PB167029BL	PB167029BL	03/07/2025	13:41	PP070354.D	10.25	4.53
PB167029BS	PB167029BS	03/07/2025	13:57	PP070355.D	10.25	4.52
AR1660CCC500	AR1660CCC500	03/07/2025	15:45	PP070359.D	10.25	4.53
IBLK	IBLK	03/07/2025	16:50	PP070363.D	10.25	4.52
RBR251372MS	Q1508-01MS	03/07/2025	18:11	PP070368.D	10.25	4.52
RBR251372MSD	Q1508-01MSD	03/07/2025	18:27	PP070369.D	10.26	4.53
ENV-105-SB01	Q1514-01	03/07/2025	18:44	PP070370.D	10.26	4.53
ENV-105-SB02	Q1514-03	03/07/2025	19:00	PP070371.D	10.25	4.52
ENV-103-SB01	Q1514-05	03/07/2025	19:16	PP070372.D	10.26	4.53
AR1660CCC500	AR1660CCC500	03/07/2025	20:32	PP070374.D	10.25	4.53
IBLK	IBLK	03/07/2025	21:37	PP070378.D	10.25	4.53

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1514
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 02/20/2025 02/20/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	02/20/2025	16:28	PO109425.D	8.71	3.69
AR1660ICC1000	AR1660ICC1000	02/20/2025	16:46	PO109426.D	8.71	3.69
AR1660ICC750	AR1660ICC750	02/20/2025	17:04	PO109427.D	8.71	3.69
AR1660ICC500	AR1660ICC500	02/20/2025	17:23	PO109428.D	8.71	3.69
AR1660ICC250	AR1660ICC250	02/20/2025	17:41	PO109429.D	8.71	3.69
AR1660ICC050	AR1660ICC050	02/20/2025	17:59	PO109430.D	8.71	3.69
AR1221ICC500	AR1221ICC500	02/20/2025	18:18	PO109431.D	8.71	3.69
AR1232ICC500	AR1232ICC500	02/20/2025	18:36	PO109432.D	8.71	3.69
AR1242ICC1000	AR1242ICC1000	02/20/2025	18:55	PO109433.D	8.71	3.69
AR1242ICC750	AR1242ICC750	02/20/2025	19:13	PO109434.D	8.71	3.69
AR1242ICC500	AR1242ICC500	02/20/2025	19:31	PO109435.D	8.71	3.69
AR1242ICC250	AR1242ICC250	02/20/2025	19:50	PO109436.D	8.71	3.69
AR1242ICC050	AR1242ICC050	02/20/2025	20:08	PO109437.D	8.71	3.69
AR1248ICC1000	AR1248ICC1000	02/20/2025	20:26	PO109438.D	8.71	3.69
AR1248ICC750	AR1248ICC750	02/20/2025	20:45	PO109439.D	8.71	3.69
AR1248ICC500	AR1248ICC500	02/20/2025	21:03	PO109440.D	8.71	3.69
AR1248ICC250	AR1248ICC250	02/20/2025	21:21	PO109441.D	8.71	3.69
AR1248ICC050	AR1248ICC050	02/20/2025	21:40	PO109442.D	8.71	3.69
AR1254ICC1000	AR1254ICC1000	02/20/2025	21:58	PO109443.D	8.71	3.69
AR1254ICC750	AR1254ICC750	02/20/2025	22:17	PO109444.D	8.71	3.69
AR1254ICC500	AR1254ICC500	02/20/2025	22:35	PO109445.D	8.71	3.69
AR1254ICC250	AR1254ICC250	02/20/2025	22:53	PO109446.D	8.71	3.69
AR1254ICC050	AR1254ICC050	02/20/2025	23:12	PO109447.D	8.71	3.69
AR1262ICC500	AR1262ICC500	02/20/2025	23:30	PO109448.D	8.71	3.69
AR1268ICC1000	AR1268ICC1000	02/20/2025	23:48	PO109449.D	8.71	3.69
AR1268ICC750	AR1268ICC750	02/21/2025	00:07	PO109450.D	8.71	3.69
AR1268ICC500	AR1268ICC500	02/21/2025	00:25	PO109451.D	8.71	3.69
AR1268ICC250	AR1268ICC250	02/21/2025	00:43	PO109452.D	8.71	3.69
AR1268ICC050	AR1268ICC050	02/21/2025	01:02	PO109453.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/07/2025	17:33	PO109723.D	8.71	3.69
IBLK	IBLK	03/07/2025	18:45	PO109727.D	8.70	3.69
PB167028BL	PB167028BL	03/07/2025	19:04	PO109728.D	8.71	3.69
PB167028BS	PB167028BS	03/07/2025	19:22	PO109729.D	8.70	3.69
PB167028BSD	PB167028BSD	03/07/2025	19:40	PO109730.D	8.71	3.69
ENV-105-GW01	Q1514-07	03/07/2025	19:59	PO109731.D	8.71	3.69
ENV-103-GW01	Q1514-08	03/07/2025	20:17	PO109732.D	8.70	3.69
FB03062025	Q1514-09	03/07/2025	20:35	PO109733.D	8.70	3.69
AR1660CCC500	AR1660CCC500	03/07/2025	22:17	PO109737.D	8.71	3.69
IBLK	IBLK	03/07/2025	23:30	PO109741.D	8.71	3.69
IBLK	IBLK	02/24/2025	14:43	PP069995.D	8.89	3.83
AR1660ICC1000	AR1660ICC1000	02/24/2025	14:59	PP069996.D	8.89	3.83
AR1660ICC750	AR1660ICC750	02/24/2025	15:15	PP069997.D	8.89	3.83

Analytical Sequence

AR1660ICC500	AR1660ICC500	02/24/2025	15:32	PP069998.D	8.89	3.83
AR1660ICC250	AR1660ICC250	02/24/2025	15:48	PP069999.D	8.89	3.83
AR1660ICC050	AR1660ICC050	02/24/2025	16:04	PP070000.D	8.89	3.83
AR1221ICC500	AR1221ICC500	02/24/2025	16:20	PP070001.D	8.89	3.83
AR1232ICC500	AR1232ICC500	02/24/2025	16:37	PP070002.D	8.89	3.83
AR1242ICC1000	AR1242ICC1000	02/24/2025	16:53	PP070003.D	8.89	3.83
AR1242ICC750	AR1242ICC750	02/24/2025	17:09	PP070004.D	8.89	3.83
AR1242ICC500	AR1242ICC500	02/24/2025	17:25	PP070005.D	8.89	3.83
AR1242ICC250	AR1242ICC250	02/24/2025	17:42	PP070006.D	8.89	3.83
AR1242ICC050	AR1242ICC050	02/24/2025	17:58	PP070007.D	8.89	3.83
AR1248ICC1000	AR1248ICC1000	02/24/2025	18:14	PP070008.D	8.89	3.83
AR1248ICC750	AR1248ICC750	02/24/2025	18:30	PP070009.D	8.89	3.83
AR1248ICC500	AR1248ICC500	02/24/2025	18:46	PP070010.D	8.89	3.83
AR1248ICC250	AR1248ICC250	02/24/2025	19:03	PP070011.D	8.89	3.83
AR1248ICC050	AR1248ICC050	02/24/2025	19:19	PP070012.D	8.89	3.83
AR1254ICC1000	AR1254ICC1000	02/24/2025	19:35	PP070013.D	8.89	3.83
AR1254ICC750	AR1254ICC750	02/24/2025	19:51	PP070014.D	8.89	3.83
AR1254ICC500	AR1254ICC500	02/24/2025	20:08	PP070015.D	8.89	3.83
AR1254ICC250	AR1254ICC250	02/24/2025	20:24	PP070016.D	8.89	3.83
AR1254ICC050	AR1254ICC050	02/24/2025	20:40	PP070017.D	8.89	3.83
AR1262ICC500	AR1262ICC500	02/24/2025	20:56	PP070018.D	8.89	3.83
AR1268ICC1000	AR1268ICC1000	02/24/2025	21:12	PP070019.D	8.89	3.83
AR1268ICC750	AR1268ICC750	02/24/2025	21:29	PP070020.D	8.89	3.83
AR1268ICC500	AR1268ICC500	02/24/2025	21:45	PP070021.D	8.89	3.83
AR1268ICC250	AR1268ICC250	02/24/2025	22:01	PP070022.D	8.89	3.83
AR1268ICC050	AR1268ICC050	02/24/2025	22:17	PP070023.D	8.89	3.83
AR1660CCC500	AR1660CCC500	03/07/2025	10:58	PP070344.D	8.88	3.83
IBLK	IBLK	03/07/2025	12:03	PP070348.D	8.88	3.83
PB167029BL	PB167029BL	03/07/2025	13:41	PP070354.D	8.88	3.83
PB167029BS	PB167029BS	03/07/2025	13:57	PP070355.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/07/2025	15:45	PP070359.D	8.88	3.83
IBLK	IBLK	03/07/2025	16:50	PP070363.D	8.88	3.83
RBR251372MS	Q1508-01MS	03/07/2025	18:11	PP070368.D	8.88	3.83
RBR251372MSD	Q1508-01MSD	03/07/2025	18:27	PP070369.D	8.88	3.83
ENV-105-SB01	Q1514-01	03/07/2025	18:44	PP070370.D	8.88	3.83
ENV-105-SB02	Q1514-03	03/07/2025	19:00	PP070371.D	8.88	3.83
ENV-103-SB01	Q1514-05	03/07/2025	19:16	PP070372.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/07/2025	20:32	PP070374.D	8.88	3.83
IBLK	IBLK	03/07/2025	21:37	PP070378.D	8.88	3.83

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167028BS

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Lab Sample ID: PB167028BS Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO109729.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.789	4.739	4.839	4.74	4.70	4.17
COLUMN 1	2	4.809	4.759	4.859	4.78		
	3	4.865	4.815	4.915	4.71		
	4	4.986	4.936	5.036	4.73		
	5	5.243	5.193	5.293	4.52		
	1	4.776	4.726	4.826	4.95		
COLUMN 2	2	4.795	4.745	4.845	5.04	4.90	
	3	4.971	4.921	5.021	4.97		
	4	5.012	4.962	5.062	4.72		
	5	5.226	5.176	5.276	4.68		
Aroclor-1260	1	6.285	6.235	6.335	4.73	4.20	9.09
COLUMN 1	2	6.474	6.424	6.524	4.63		
	3	6.843	6.793	6.893	3.82		
	4	7.103	7.053	7.153	3.87		
	5	7.345	7.295	7.395	4.12		
	1	6.26	6.21	6.31	4.93		
COLUMN 2	2	6.447	6.397	6.497	4.95	4.60	
	3	6.6	6.55	6.65	4.93		
	4	7.072	7.022	7.122	4.14		
	5	7.312	7.262	7.362	4.25		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167028BSD

Contract: PORT06

Lab Code: CHEM

Case No.: Q1514

SAS No.: Q1514

SDG NO.: Q1514

Lab Sample ID: PB167028BSD

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO109730.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.789	4.739	4.839	4.76	4.70	4.17
COLUMN 1	2	4.809	4.759	4.859	4.78		
	3	4.865	4.815	4.915	4.74		
	4	4.985	4.935	5.035	4.75		
	5	5.242	5.192	5.292	4.50		
	1	4.776	4.726	4.826	4.94		
COLUMN 2	2	4.796	4.746	4.846	5.05	4.90	
	3	4.971	4.921	5.021	5.00		
	4	5.013	4.963	5.063	4.78		
	5	5.226	5.176	5.276	4.66		
Aroclor-1260	1	6.284	6.234	6.334	4.74	4.20	9.09
COLUMN 1	2	6.473	6.423	6.523	4.65		
	3	6.841	6.791	6.891	3.87		
	4	7.103	7.053	7.153	3.87		
	5	7.344	7.294	7.394	4.03		
	1	6.259	6.209	6.309	4.91		
COLUMN 2	2	6.447	6.397	6.497	4.91	4.60	
	3	6.6	6.55	6.65	4.92		
	4	7.072	7.022	7.122	4.15		
	5	7.312	7.262	7.362	4.24		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167029BS

Contract: PORT06

Lab Code: CHEM

Case No.: Q1514

SAS No.: Q1514

SDG NO.: Q1514

Lab Sample ID: PB167029BS

Date(s) Analyzed: 03/07/2025

03/07/2025

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP070355.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.677	5.627	5.727	147	148	5.26
COLUMN 1	2	5.699	5.649	5.749	153		
	3	5.761	5.711	5.811	146		
	4	5.859	5.809	5.909	144		
	5	6.152	6.102	6.202	150		
	1	4.918	4.868	4.968	154		
COLUMN 2	2	4.937	4.887	4.987	155	156	
	3	5.114	5.064	5.164	160		
	4	5.155	5.105	5.205	155		
	5	5.371	5.321	5.421	155		
Aroclor-1260	1	7.271	7.221	7.321	155	144	2.06
COLUMN 1	2	7.525	7.475	7.575	150		
	3	7.883	7.833	7.933	133		
	4	8.108	8.058	8.158	145		
	5	8.429	8.379	8.479	138		
	1	6.408	6.358	6.458	151		
COLUMN 2	2	6.596	6.546	6.646	153	147	
	3	6.75	6.7	6.8	145		
	4	7.222	7.172	7.272	140		
	5	7.463	7.413	7.513	149		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

RBR251372MS

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Lab Sample ID: Q1508-01MS Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP070368.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD	
			FROM	TO				
Aroclor-1016	1	5.678	5.628	5.728	99.3	122	21.9	
	2	5.7	5.65	5.75	118			
	3	5.761	5.711	5.811	149			
	4	5.858	5.808	5.908	142			
	5	6.152	6.102	6.202	102			
COLUMN 1								
	1	4.919	4.869	4.969	108	152		
	2	4.938	4.888	4.988	136			
	3	5.115	5.065	5.165	114			
	4	5.158	5.108	5.208	208			
5	5.372	5.322	5.422	195				
COLUMN 2								
	1	6.527	6.477	6.577	154	159	18.56	
	2	6.744	6.694	6.794	126			
	3	7.107	7.057	7.157	114			
	4	7.39	7.34	7.44	117			
5	7.804	7.754	7.854	285				
Aroclor-1254								
	1	5.726	5.676	5.776	139	132		
	2	5.875	5.825	5.925	133			
	3	6.279	6.229	6.329	100			
	4	6.507	6.457	6.557	90.2			
5	6.925	6.875	6.975	197				
COLUMN 1								
COLUMN 2								

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.272	7.222	7.322	183		
	2	7.525	7.475	7.575	192		
	3	7.883	7.833	7.933	178		
	4	8.106	8.056	8.156	234		
	5	8.428	8.378	8.478	162		
COLUMN 1						190	
	1	6.41	6.36	6.46	156		
	2	6.598	6.548	6.648	149		
	3	6.75	6.7	6.8	141		
	4	7.223	7.173	7.273	144		
5	7.463	7.413	7.513	148			
COLUMN 2						148	24.85

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

RBR251372MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Lab Sample ID: Q1508-01MSD Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP070369.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.681	5.631	5.731	103	125	22.06
COLUMN 1	2	5.704	5.654	5.754	120		
	3	5.765	5.715	5.815	151		
	4	5.861	5.811	5.911	145		
	5	6.155	6.105	6.205	108		
COLUMN 2	1	4.918	4.868	4.968	116	156	
	2	4.937	4.887	4.987	129		
	3	5.114	5.064	5.164	128		
	4	5.156	5.106	5.206	211		
	5	5.371	5.321	5.421	197		
Aroclor-1254	1	6.53	6.48	6.58	156	173	26.14
COLUMN 1	2	6.748	6.698	6.798	133		
	3	7.11	7.06	7.16	119		
	4	7.394	7.344	7.444	123		
	5	7.809	7.759	7.859	333		
COLUMN 2	1	5.725	5.675	5.775	142	133	
	2	5.873	5.823	5.923	133		
	3	6.278	6.228	6.328	96.0		
	4	6.506	6.456	6.556	91.6		
	5	6.923	6.873	6.973	203		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.275	7.225	7.325	194			
	2	7.529	7.479	7.579	200			
	3	7.886	7.836	7.936	187			
	4	8.11	8.06	8.16	246			
	5	8.432	8.382	8.482	160			
COLUMN 1						197		
	1	6.409	6.359	6.459	164			
	2	6.596	6.546	6.646	155			
	3	6.749	6.699	6.799	149			
	4	7.222	7.172	7.272	158			
5	7.462	7.412	7.512	168				
COLUMN 2						159		21.35

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

ENV-103-SB01

Contract: PORT06

Lab Code: CHEM Case No.: Q1514 SAS No.: Q1514 SDG NO.: Q1514

Lab Sample ID: Q1514-05 Date(s) Analyzed: 03/07/2025 03/07/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP070372.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.528	6.478	6.578	16.2	17.7	6.56
COLUMN 1	2	6.746	6.696	6.796	16.3		
	3	7.109	7.059	7.159	16.2		
	4	7.392	7.342	7.442	13.0		
	5	7.809	7.759	7.859	27.0		
	1	5.723	5.673	5.773	17.7		
COLUMN 2	2	5.871	5.821	5.921	18.3	18.9	
	3	6.276	6.226	6.326	23.1		
	4	6.504	6.454	6.554	14.9		
	5	6.922	6.872	6.972	20.4		
Aroclor-1260	1	7.274	7.224	7.324	11.9	11.6	7.47
COLUMN 1	2	7.526	7.476	7.576	15.1		
	3	7.885	7.835	7.935	7.99		
	4	8.096	8.046	8.146	15.7		
	5	8.432	8.382	8.482	7.09		
	1	6.407	6.357	6.457	20.9		
COLUMN 2	2	6.594	6.544	6.644	11.1	12.5	
	3	6.749	6.699	6.799	13.5		
	4	7.221	7.171	7.271	8.14		
	5	7.462	7.412	7.512	9.06		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 18:44
 Operator : YP\AJ
 Sample : Q1514-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-105-SB01

A
B
C
D
E
F
G
H
I
J
K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:19:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.828	25815941	18212359	17.590	19.050
2) SA Decachlor...	10.256	8.884	12923564	11663320	11.346	10.758

Target Compounds

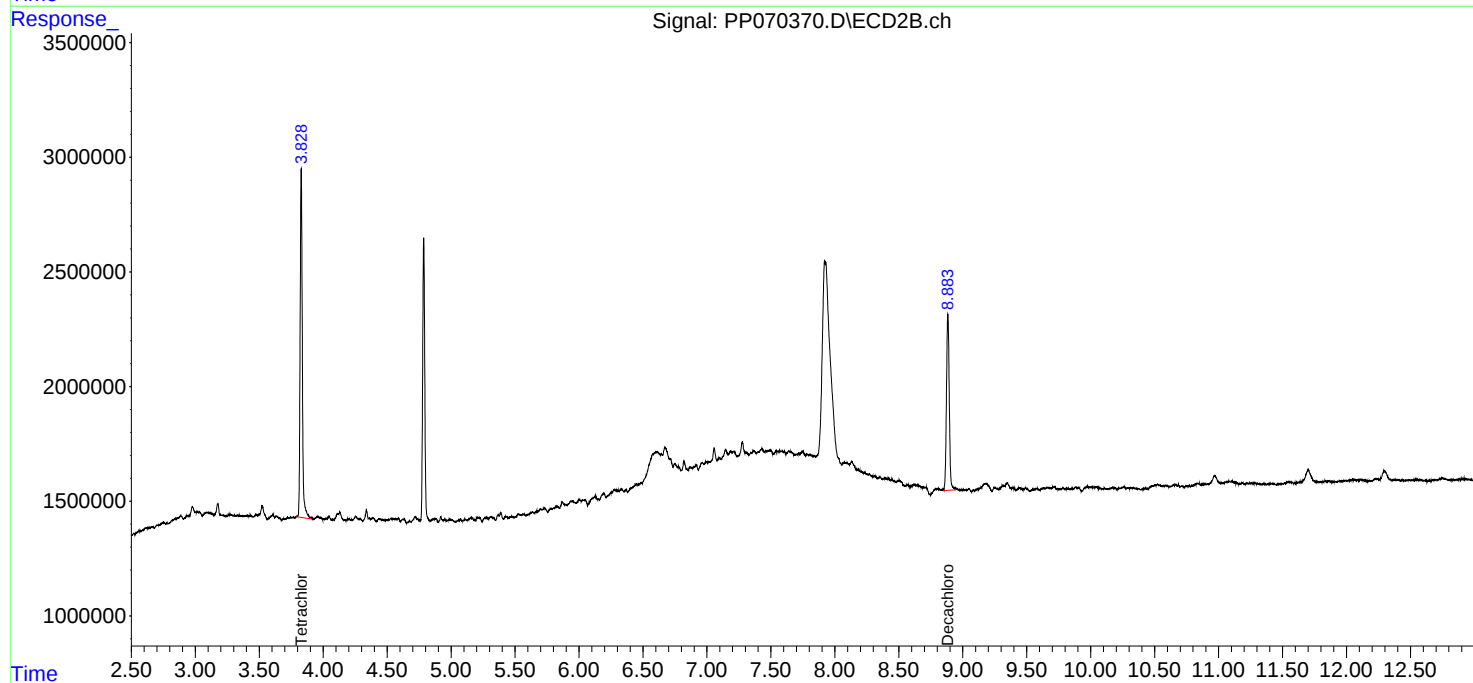
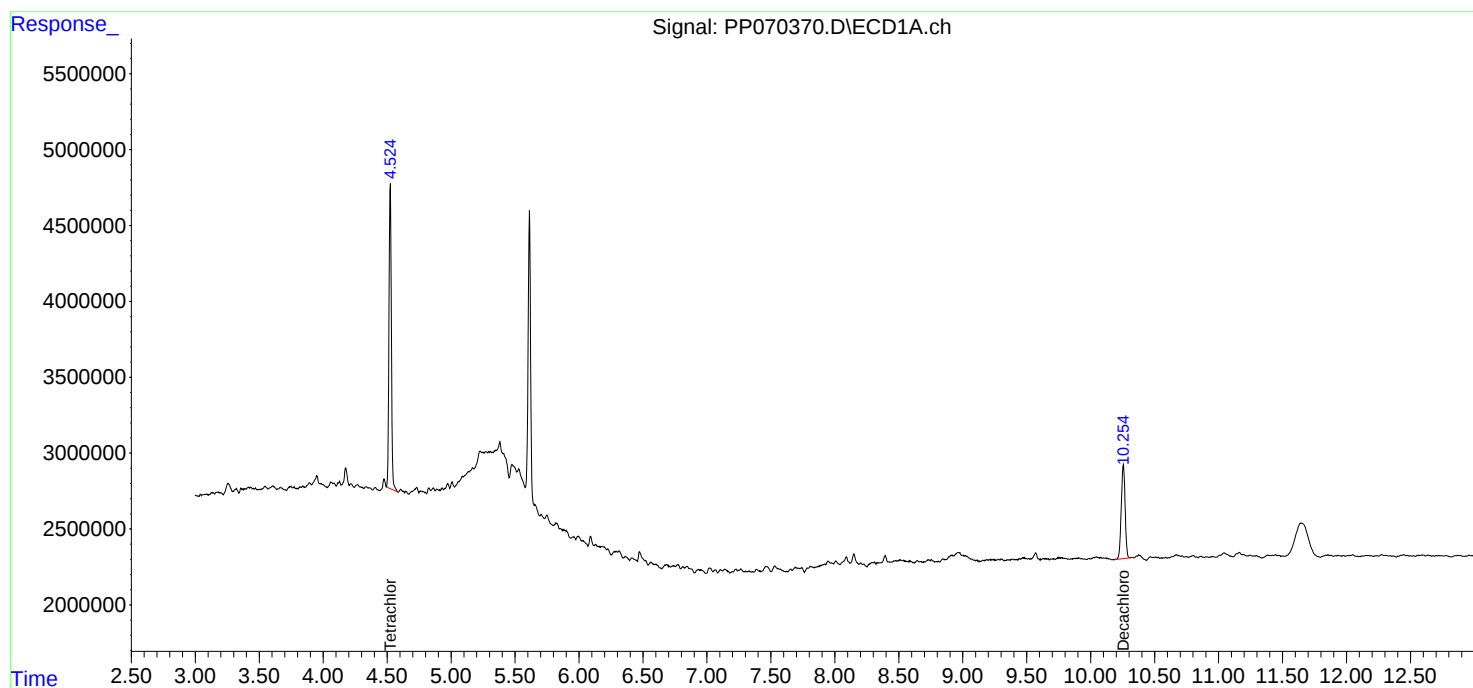
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 18:44
Operator : YP\AJ
Sample : Q1514-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

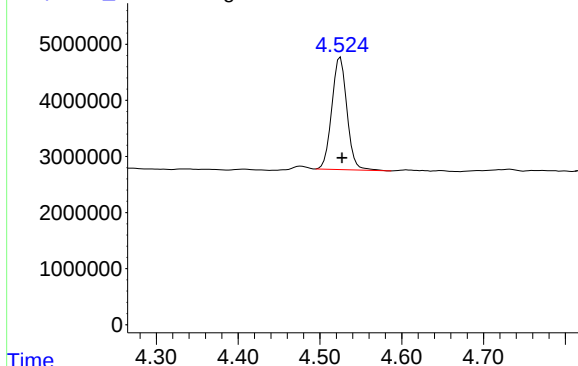
Instrument :
ECD_P
ClientSampleId :
ENV-105-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:19:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP070370.D\ECD1A.ch

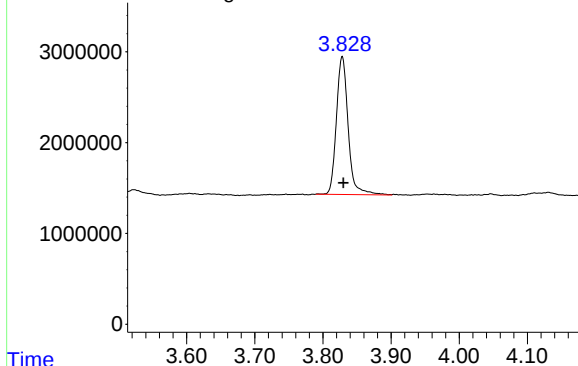


#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 25815941
Conc: 17.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-105-SB01

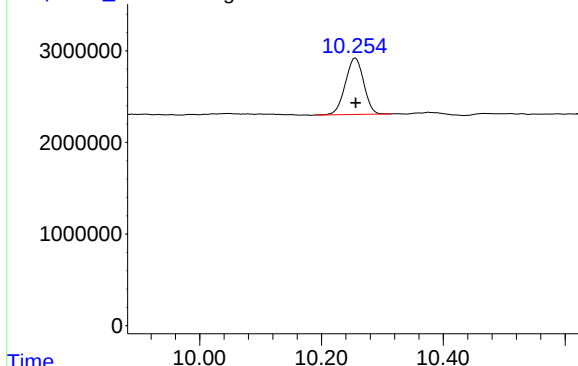
Time Response_ Signal: PP070370.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 18212359
Conc: 19.05 ng/ml

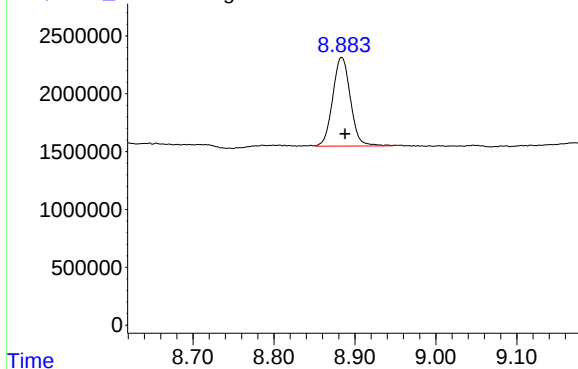
Time Response_ Signal: PP070370.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 12923564
Conc: 11.35 ng/ml

Time Response_ Signal: PP070370.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.004 min
Response: 11663320
Conc: 10.76 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 19:00
 Operator : YP\AJ
 Sample : Q1514-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-105-SB02

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:19:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.521	3.827	32770841	23117503	22.329m	24.181
2) SA Decachlor...	10.252	8.881	14957617	15125577	13.132	13.952

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070371.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 19:00
Operator : YP\AJ
Sample : Q1514-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

ENV-105-SB02

Manual Integrations

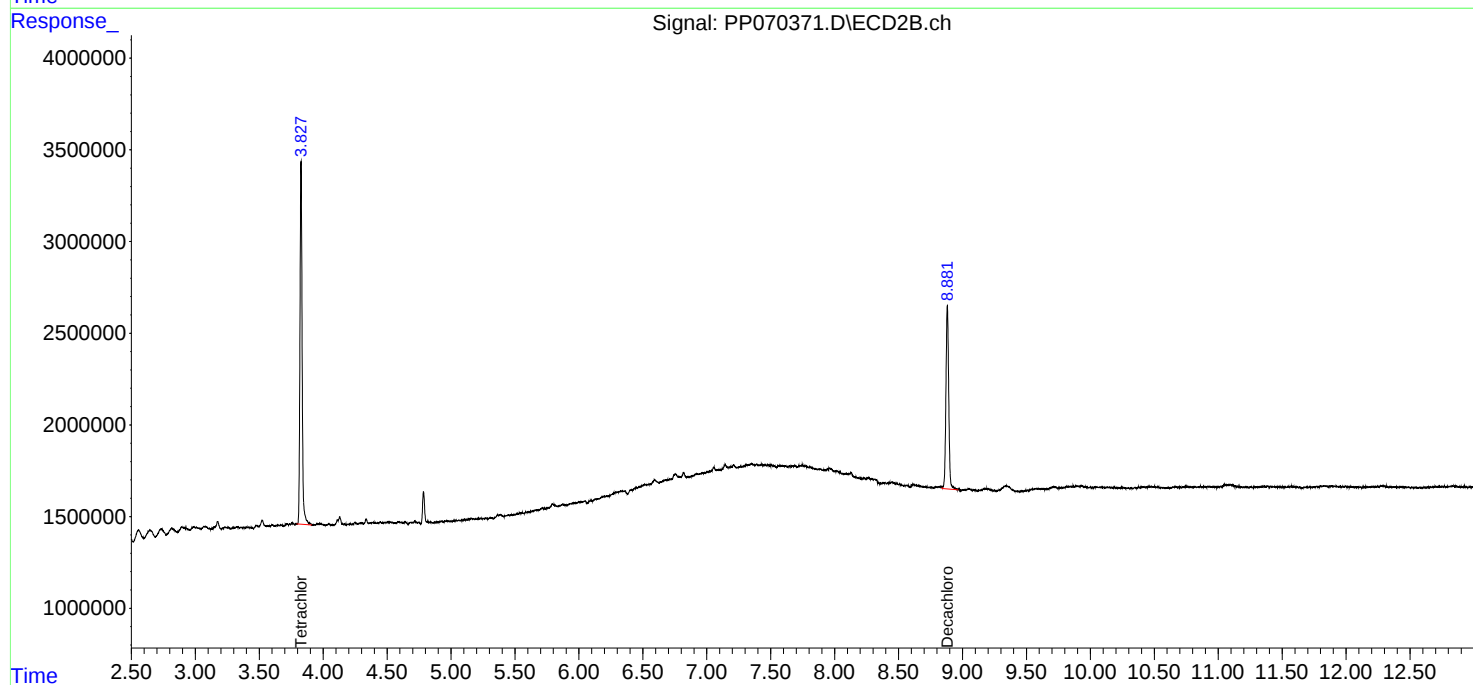
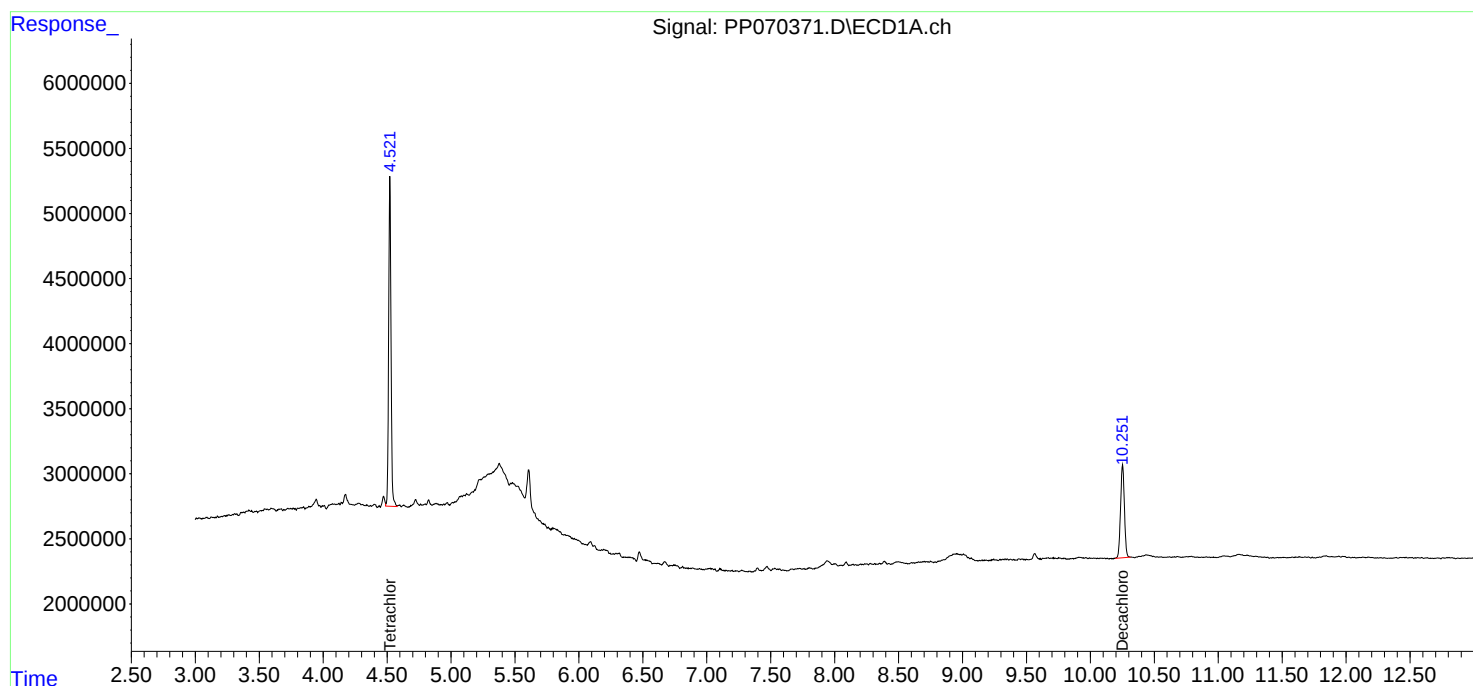
APPROVED

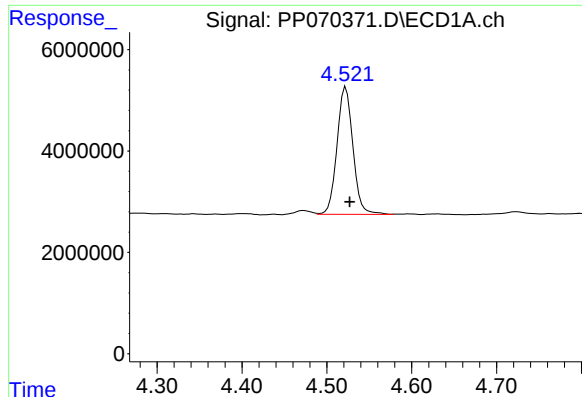
Reviewed By :Yogesh Patel 03/10/2025

Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:19:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





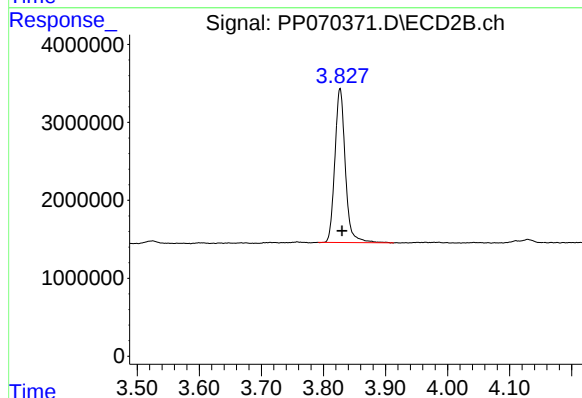
#1 Tetrachloro-m-xylene

R.T.: 4.521 min
Delta R.T.: -0.006 min
Response: 32770841
Conc: 22.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-105-SB02

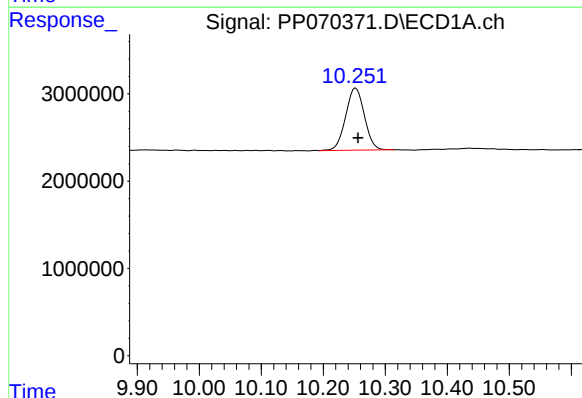
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



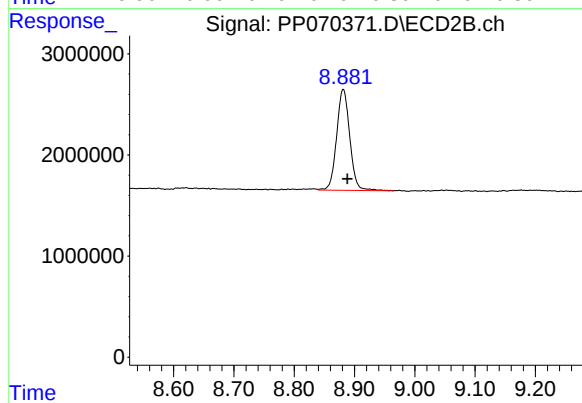
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 23117503
Conc: 24.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.004 min
Response: 14957617
Conc: 13.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.881 min
Delta R.T.: -0.007 min
Response: 15125577
Conc: 13.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070372.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 19:16
 Operator : YP\AJ
 Sample : Q1514-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-103-SB01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:20:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.827	31770104	21773087	21.647	22.774
2) SA Decachlor...	10.256	8.881	17315685	17625457	15.202	16.258
Target Compounds						
26) L6 AR-1254-1	6.528	5.723	2459156	2589343	43.371m	47.450
27) L6 AR-1254-2	6.746	5.871	3831649	2390379	43.698	49.038
28) L6 AR-1254-3	7.109	6.276	3857605	4693995	43.282	61.913 #
29) L6 AR-1254-4	7.392	6.504	2584716	2053091	34.689	39.897m
30) L6 AR-1254-5	7.809	6.922	4849863	3693285	72.211	54.659
31) L7 AR-1260-1	7.274	6.407	1863633	2777249	31.933	56.062 #
32) L7 AR-1260-2	7.526	6.594	3295959	1946704	40.330	29.757 #
33) L7 AR-1260-3	7.885	6.749	1343723	2179067	21.410	36.124 #
34) L7 AR-1260-4	8.096	7.221	2672486	1065263	42.152m	21.799m#
35) L7 AR-1260-5	8.432	7.462	2492384	2891262	18.999	24.261m#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070372.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 19:16
Operator : YP\AJ
Sample : Q1514-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

ENV-103-SB01

Manual Integrations

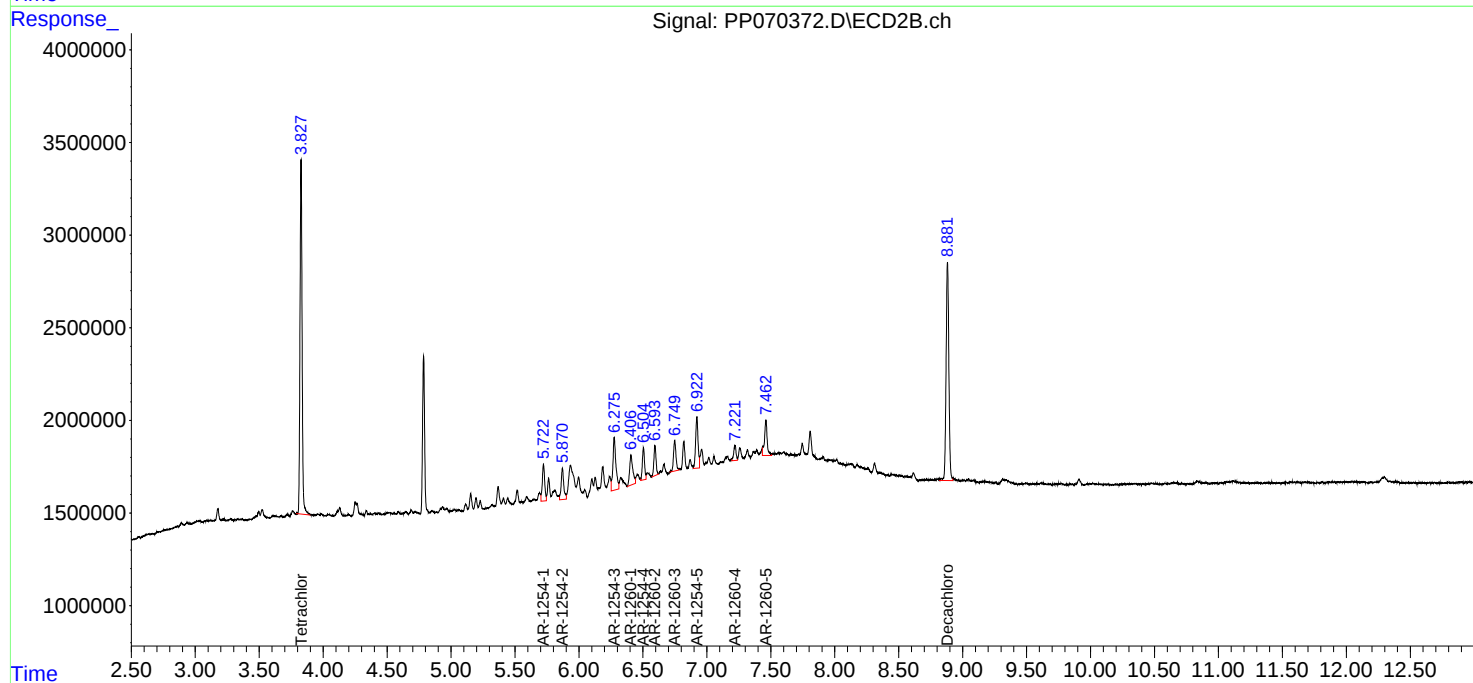
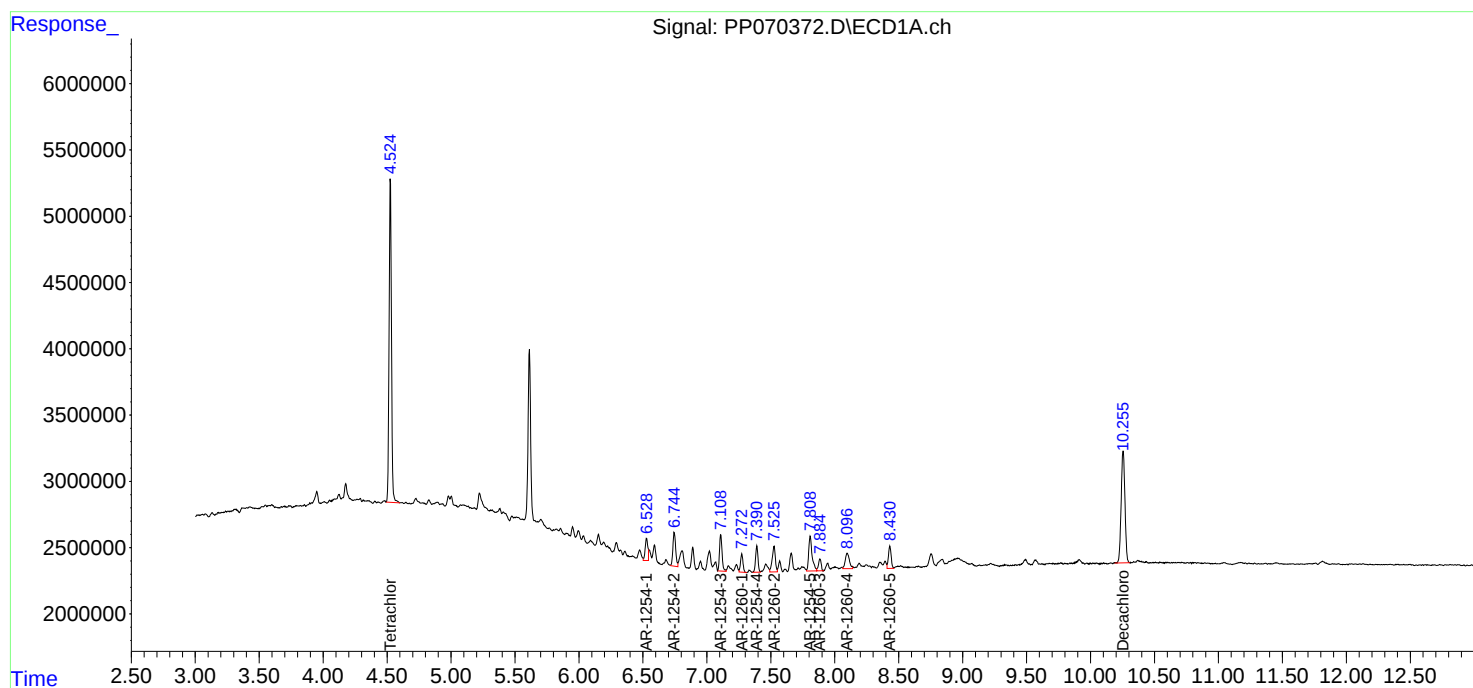
APPROVED

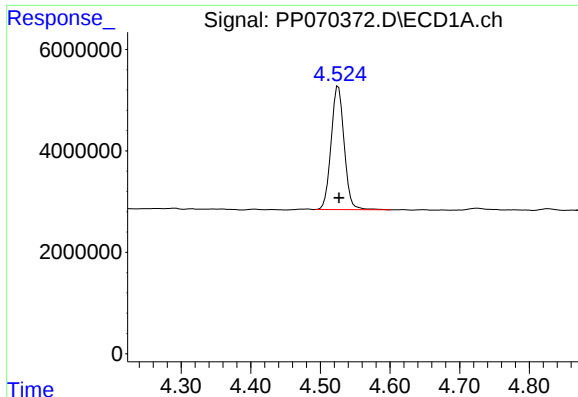
Reviewed By :Yogesh Patel 03/10/2025

Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:20:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





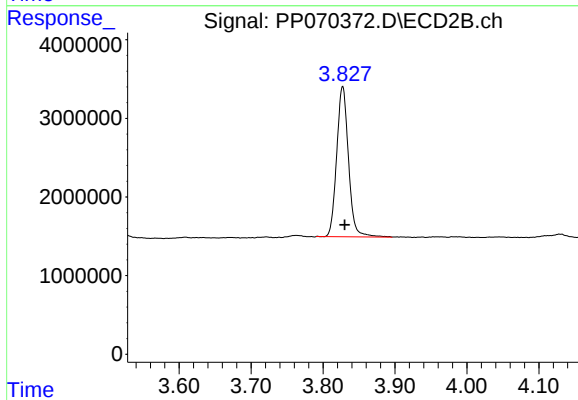
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 31770104
Conc: 21.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-103-SB01

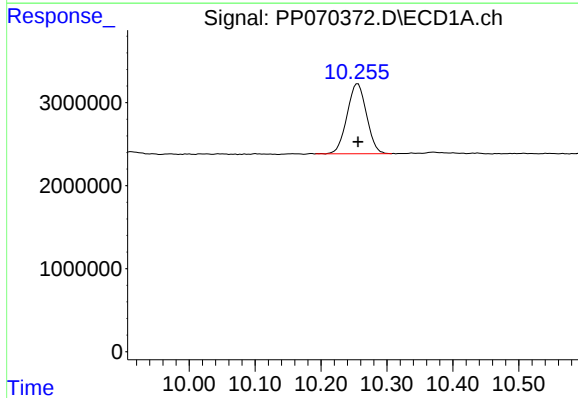
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



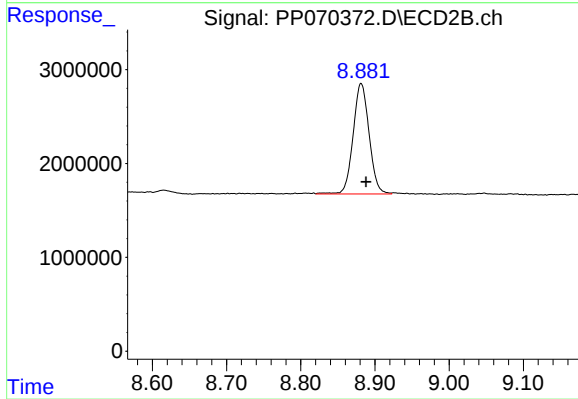
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.003 min
Response: 21773087
Conc: 22.77 ng/ml



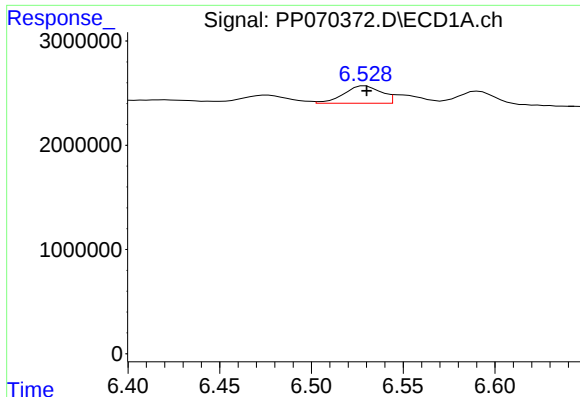
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 17315685
Conc: 15.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.881 min
Delta R.T.: -0.007 min
Response: 17625457
Conc: 16.26 ng/ml



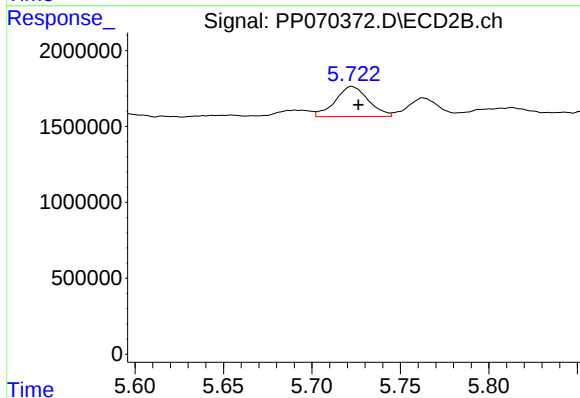
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 2459156
Conc: 43.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-103-SB01

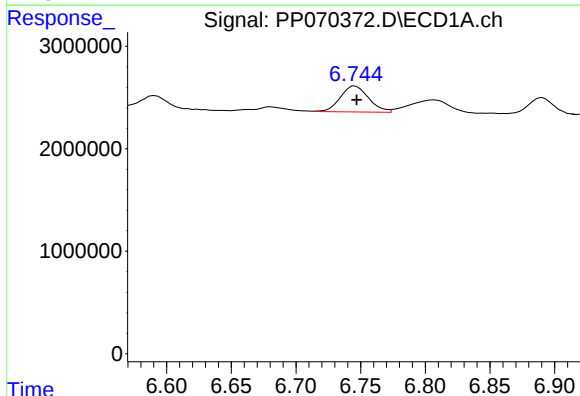
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



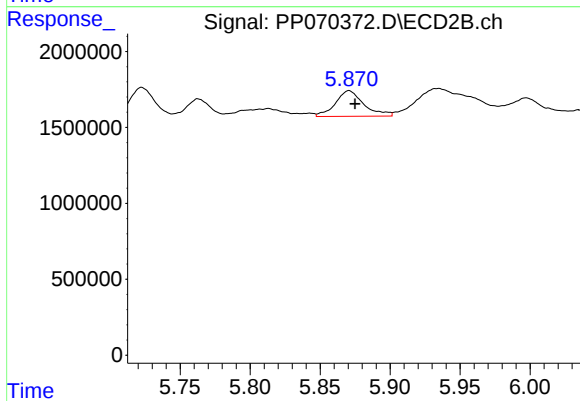
#26 AR-1254-1

R.T.: 5.723 min
Delta R.T.: -0.004 min
Response: 2589343
Conc: 47.45 ng/ml



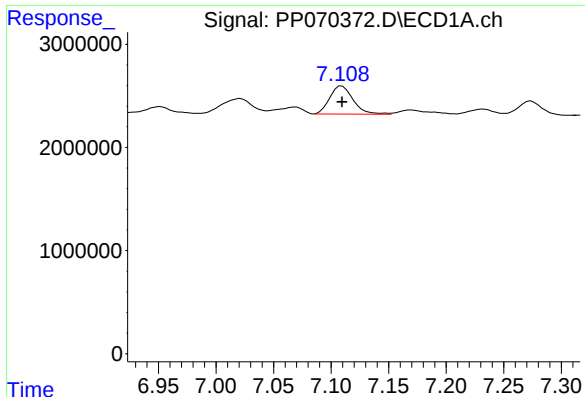
#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 3831649
Conc: 43.70 ng/ml



#27 AR-1254-2

R.T.: 5.871 min
Delta R.T.: -0.004 min
Response: 2390379
Conc: 49.04 ng/ml



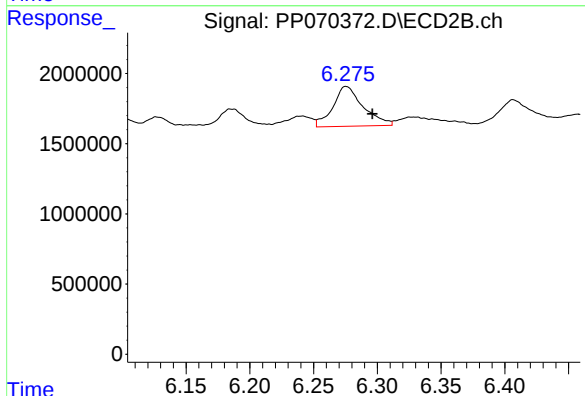
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: 0.000 min
Response: 3857605
Conc: 43.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-103-SB01

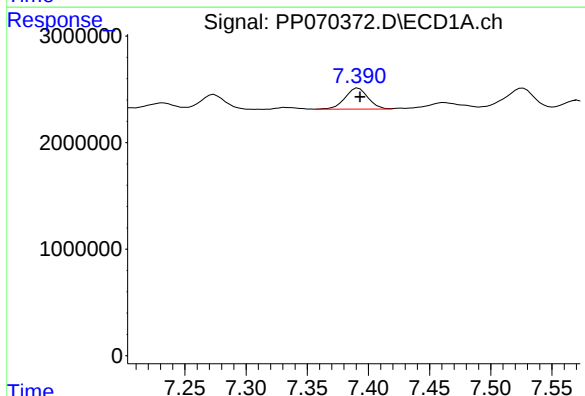
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



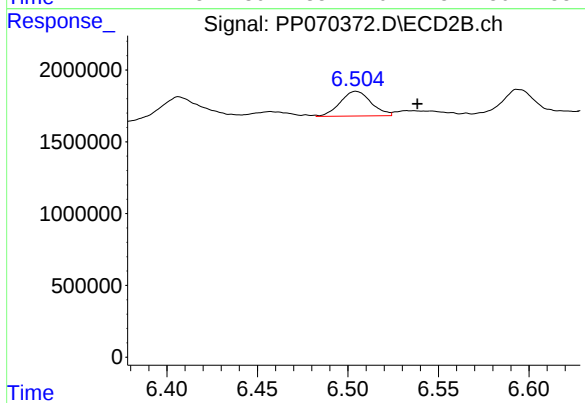
#28 AR-1254-3

R.T.: 6.276 min
Delta R.T.: -0.020 min
Response: 4693995
Conc: 61.91 ng/ml



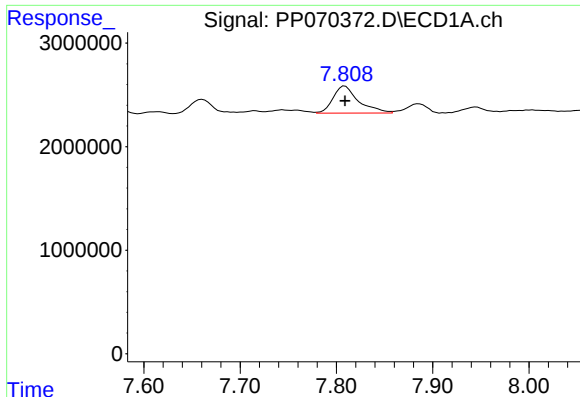
#29 AR-1254-4

R.T.: 7.392 min
Delta R.T.: -0.001 min
Response: 2584716
Conc: 34.69 ng/ml



#29 AR-1254-4

R.T.: 6.504 min
Delta R.T.: -0.034 min
Response: 2053091
Conc: 39.90 ng/ml m



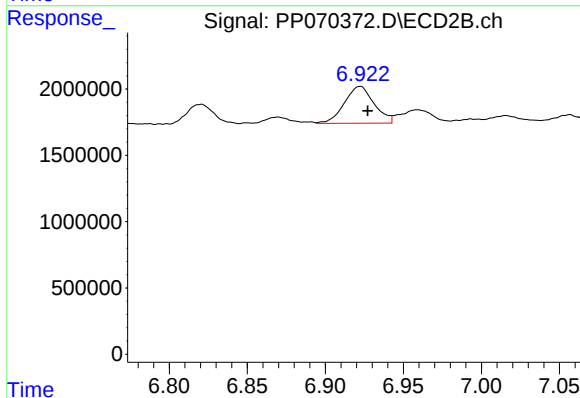
#30 AR-1254-5

R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 4849863
Conc: 72.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-103-SB01

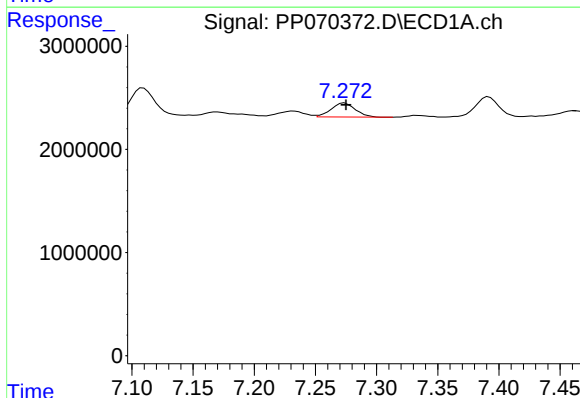
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



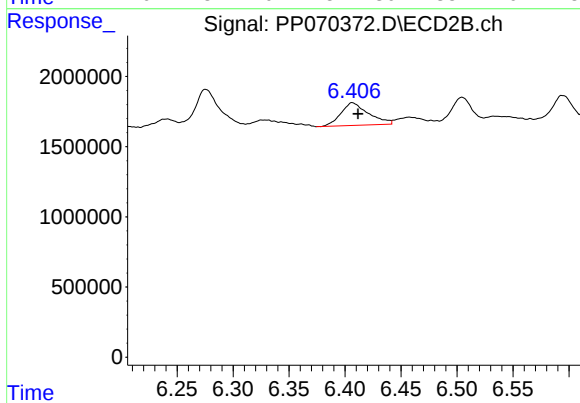
#30 AR-1254-5

R.T.: 6.922 min
Delta R.T.: -0.005 min
Response: 3693285
Conc: 54.66 ng/ml



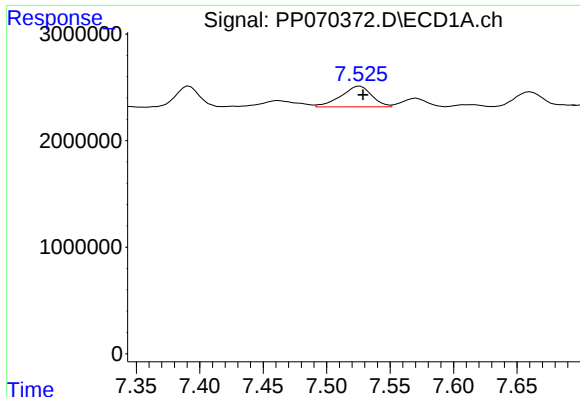
#31 AR-1260-1

R.T.: 7.274 min
Delta R.T.: -0.001 min
Response: 1863633
Conc: 31.93 ng/ml



#31 AR-1260-1

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 2777249
Conc: 56.06 ng/ml



#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.002 min
Response: 3295959
Conc: 40.33 ng/ml

Instrument :

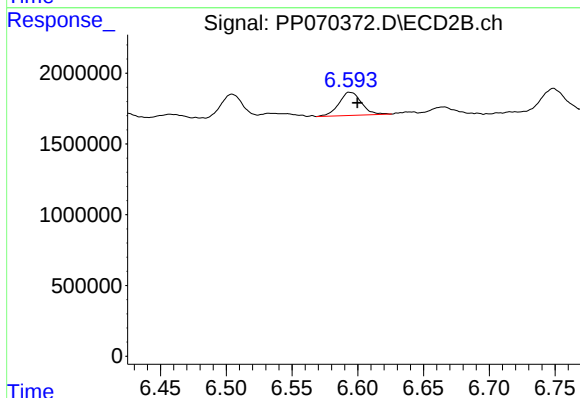
ECD_P

ClientSampleId :

ENV-103-SB01

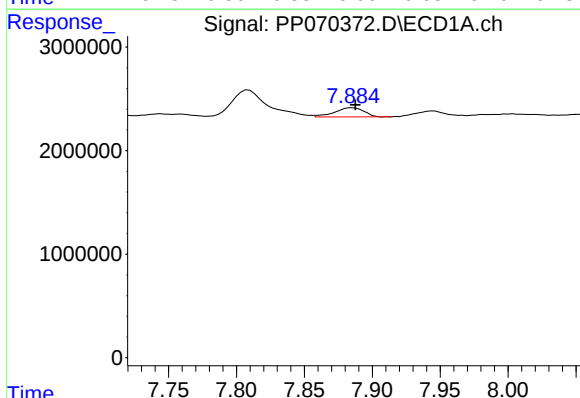
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



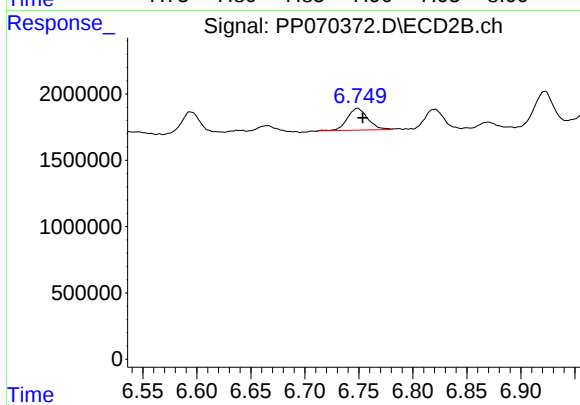
#32 AR-1260-2

R.T.: 6.594 min
Delta R.T.: -0.005 min
Response: 1946704
Conc: 29.76 ng/ml



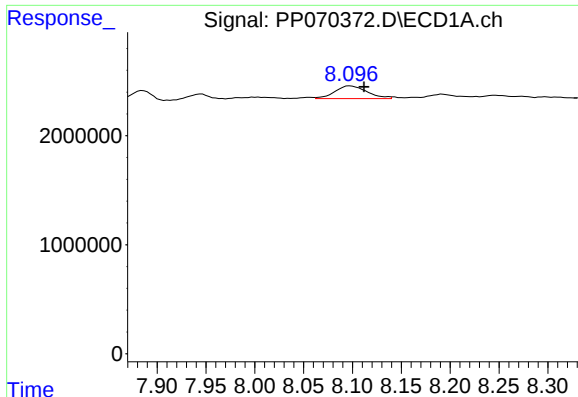
#33 AR-1260-3

R.T.: 7.885 min
Delta R.T.: -0.002 min
Response: 1343723
Conc: 21.41 ng/ml



#33 AR-1260-3

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 2179067
Conc: 36.12 ng/ml



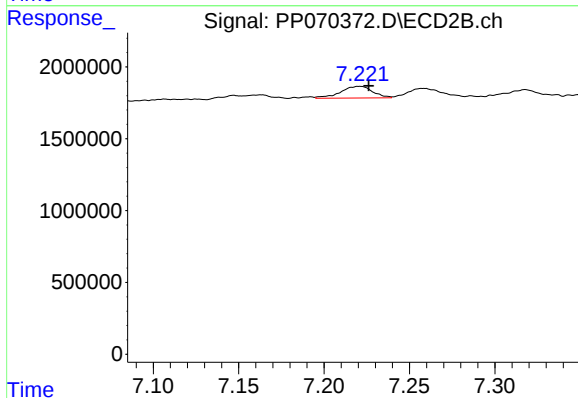
#34 AR-1260-4

R.T.: 8.096 min
Delta R.T.: -0.016 min
Response: 2672486
Conc: 42.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-103-SB01

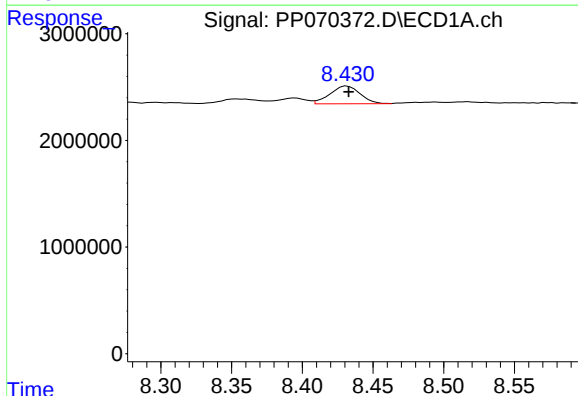
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



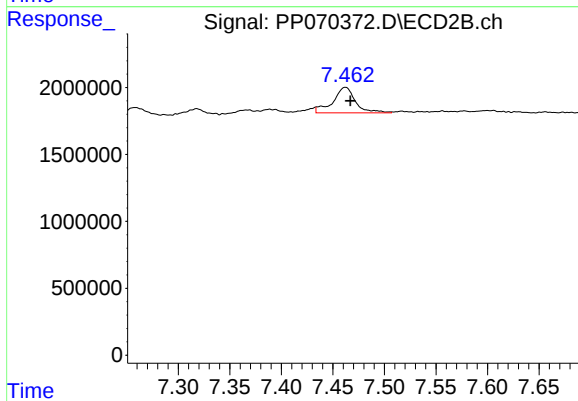
#34 AR-1260-4

R.T.: 7.221 min
Delta R.T.: -0.005 min
Response: 1065263
Conc: 21.80 ng/ml m



#35 AR-1260-5

R.T.: 8.432 min
Delta R.T.: -0.001 min
Response: 2492384
Conc: 19.00 ng/ml



#35 AR-1260-5

R.T.: 7.462 min
Delta R.T.: -0.005 min
Response: 2891262
Conc: 24.26 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
 Data File : PO109731.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 19:59
 Operator : YP/AJ
 Sample : Q1514-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ENV-105-GW01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:06:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	224.4E6	124.3E6	23.704	23.741m
2) SA Decachlor...	8.752	8.705	116.3E6	46845066	13.524	14.711

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109731.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 19:59
Operator : YP/AJ
Sample : Q1514-07
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

ENV-105-GW01

Manual Integrations

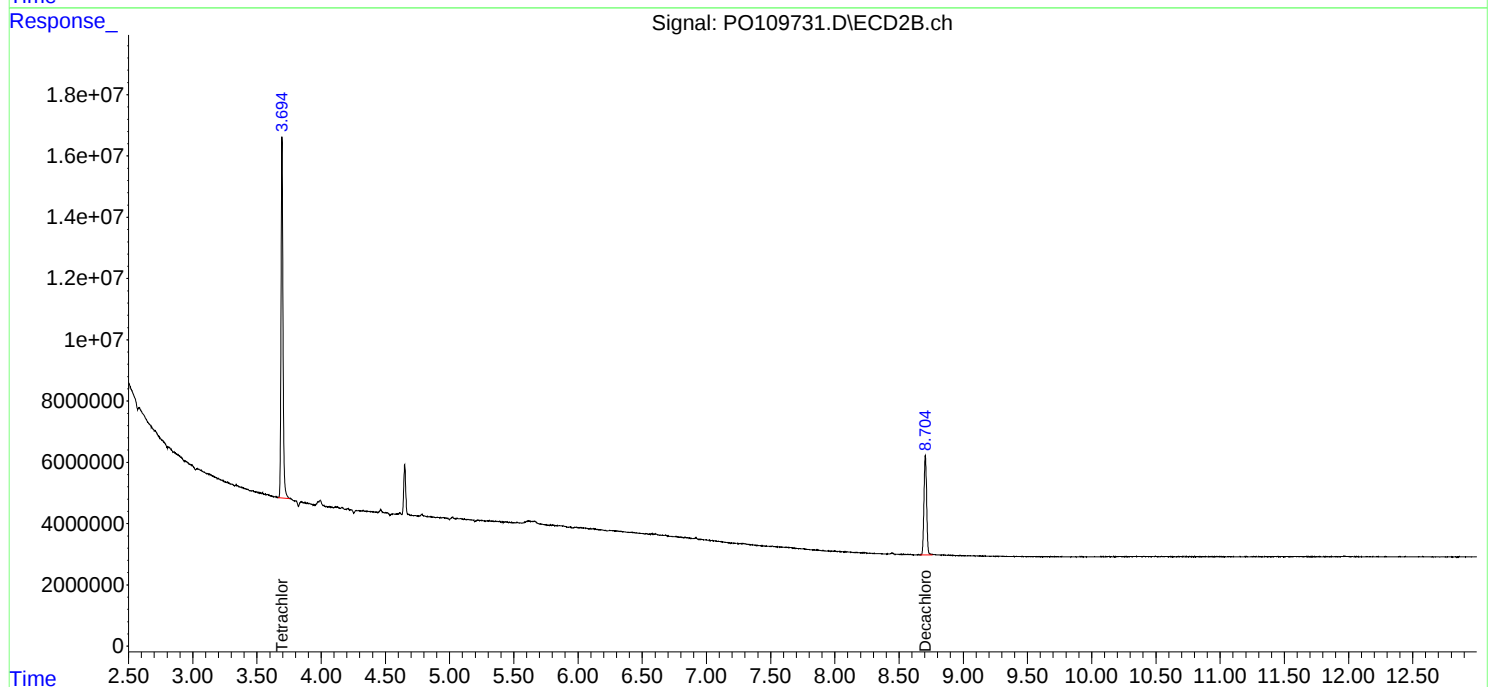
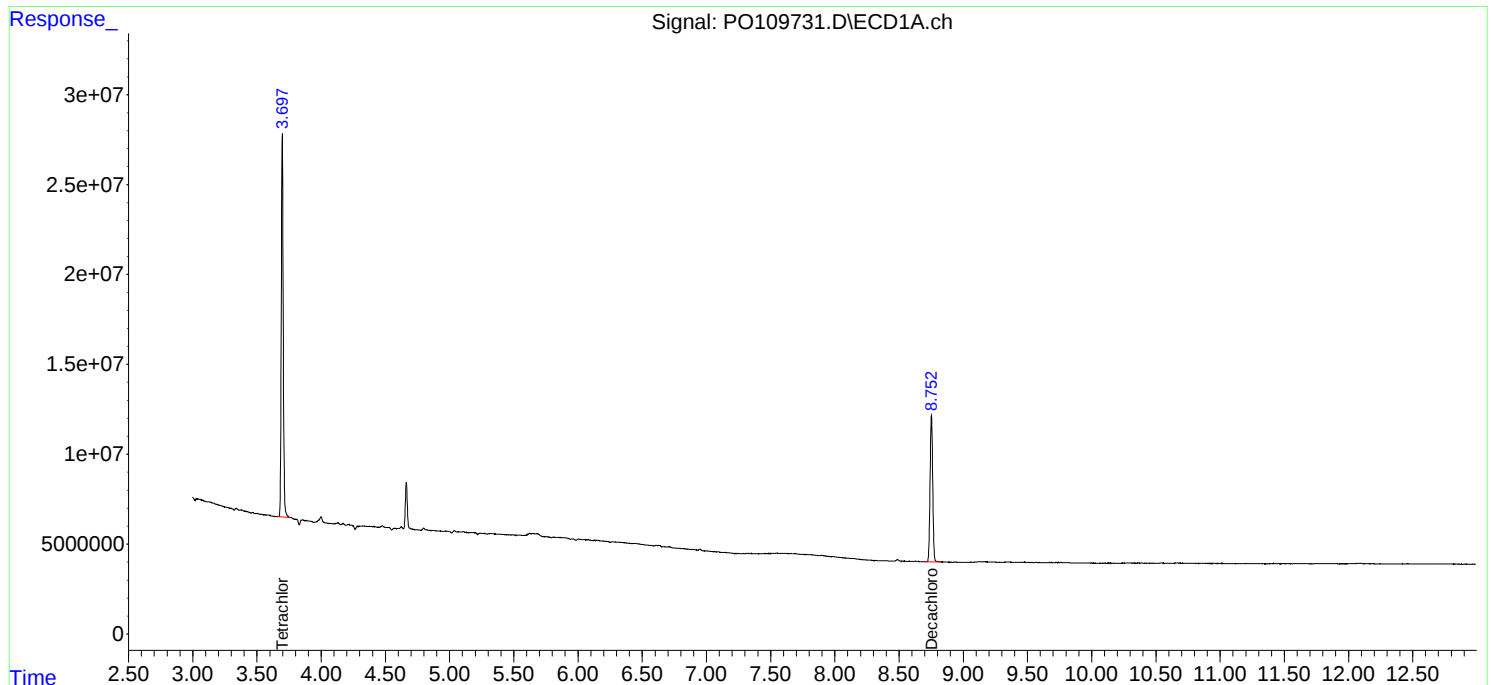
APPROVED

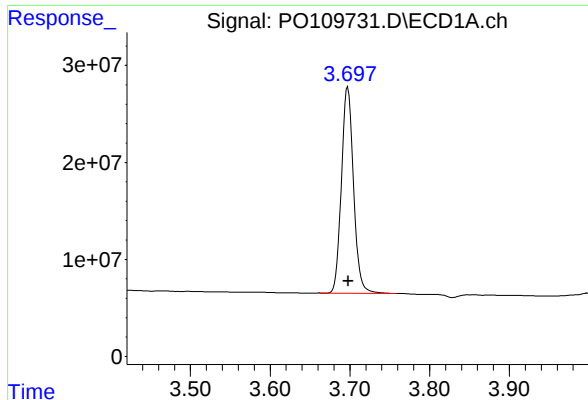
Reviewed By :Yogesh Patel 03/10/2025

Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:06:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: 0.000 min
Response: 224362533
Conc: 23.70 ng/ml

Instrument :

ECD_O

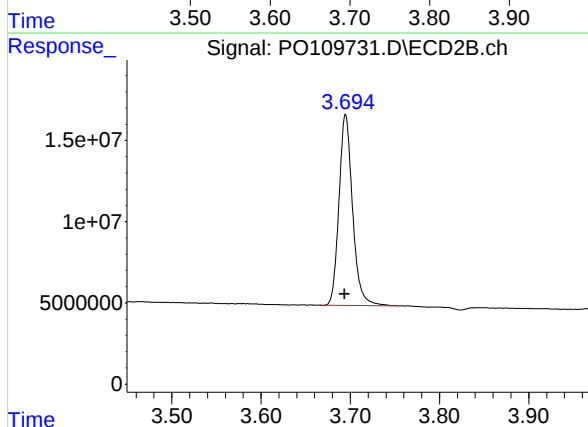
ClientSampleId :

ENV-105-GW01

Manual Integrations

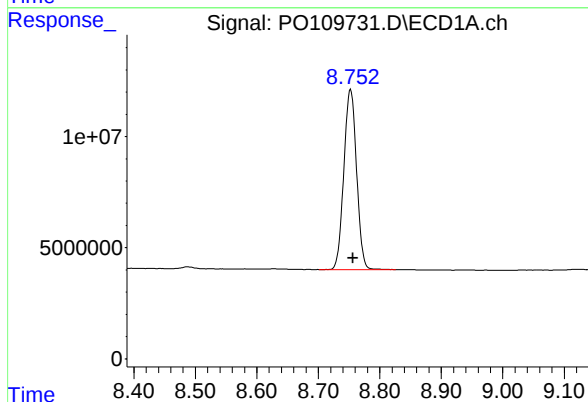
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



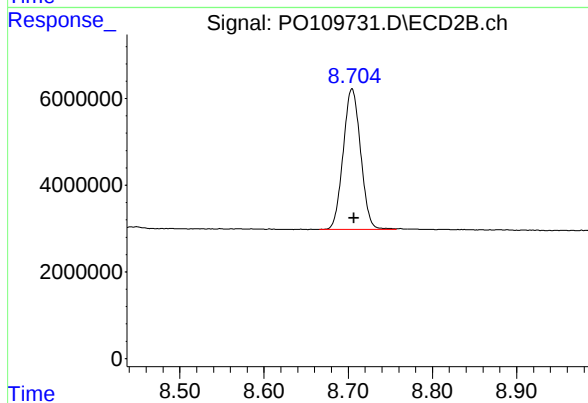
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 124264974
Conc: 23.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.752 min
Delta R.T.: -0.004 min
Response: 116334067
Conc: 13.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 46845066
Conc: 14.71 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
 Data File : PO109732.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 20:17
 Operator : YP/AJ
 Sample : Q1514-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ENV-103-GW01

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:06:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	225.7E6	127.8E6	23.850	24.413
2) SA Decachlor...	8.753	8.704	120.3E6	49348500	13.985	15.498

Target Compounds

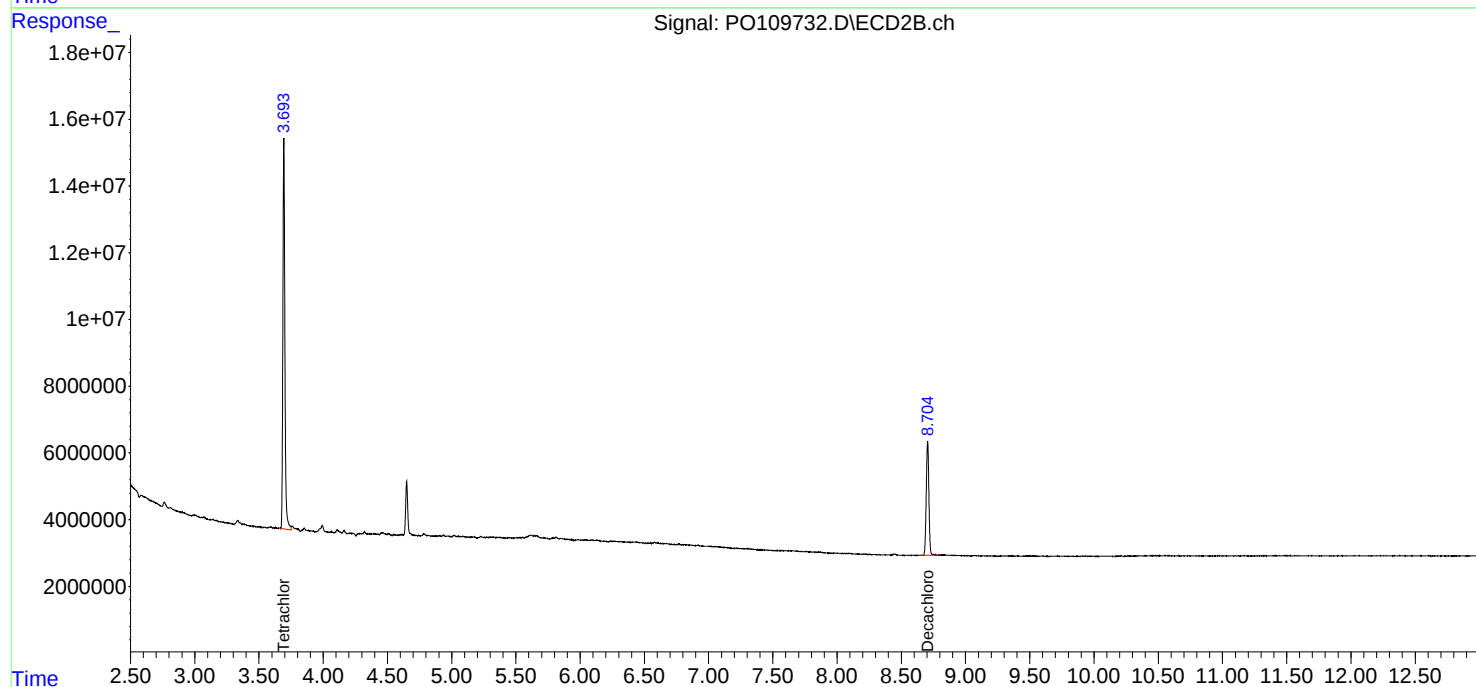
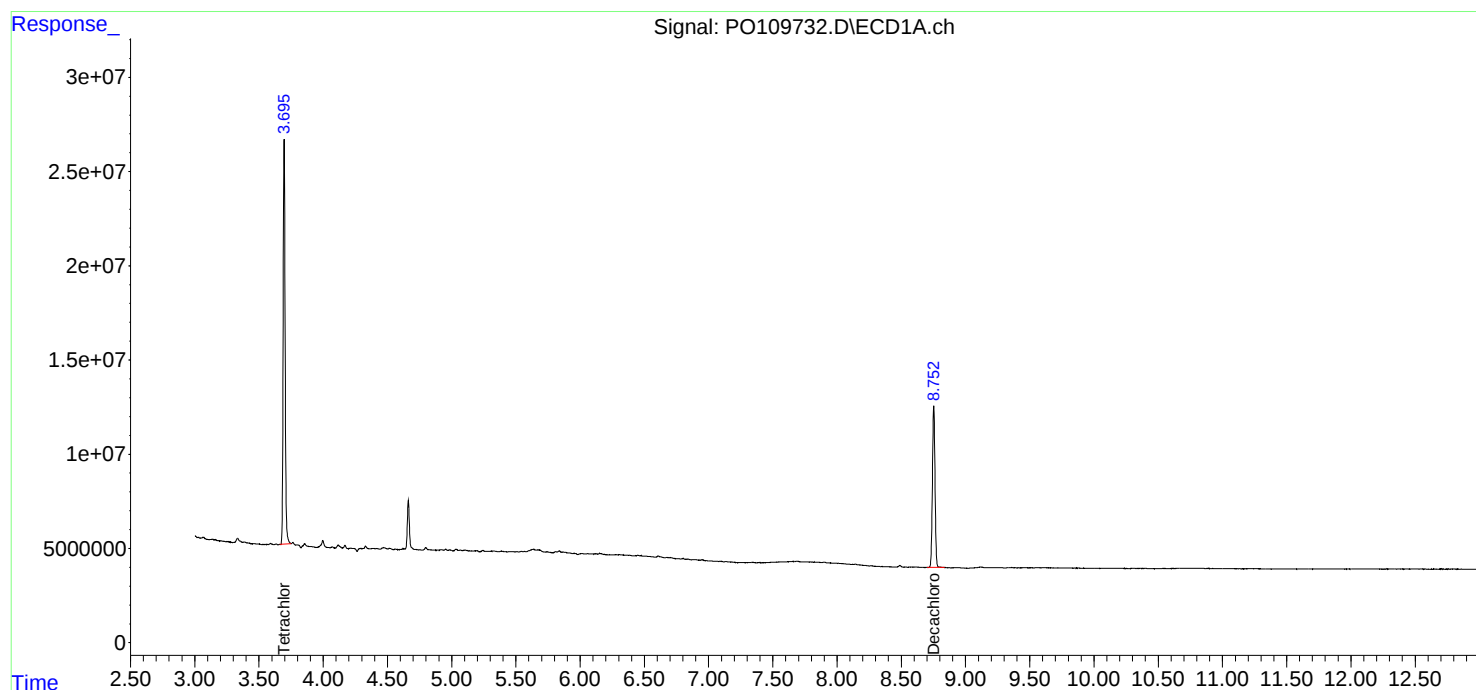
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

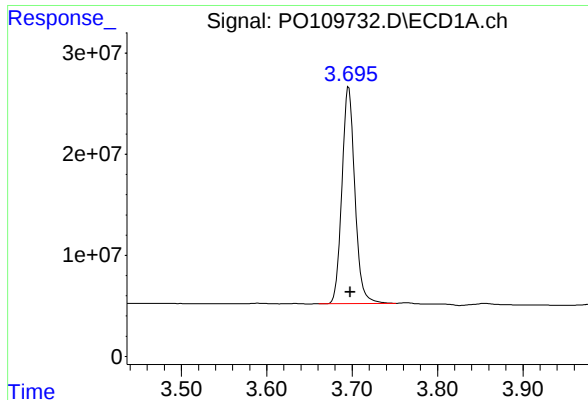
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109732.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 20:17
Operator : YP/AJ
Sample : Q1514-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ENV-103-GW01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:06:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

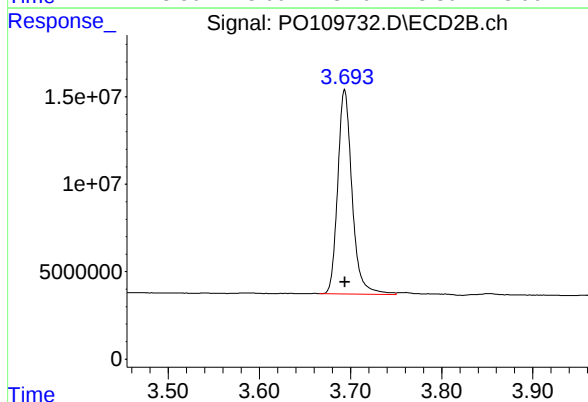




#1 Tetrachloro-m-xylene

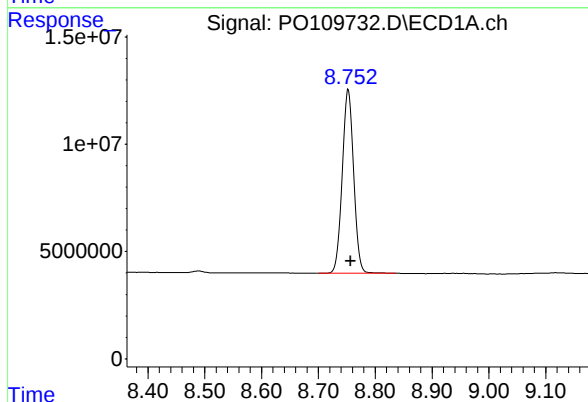
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 225738883
Conc: 23.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
ENV-103-GW01



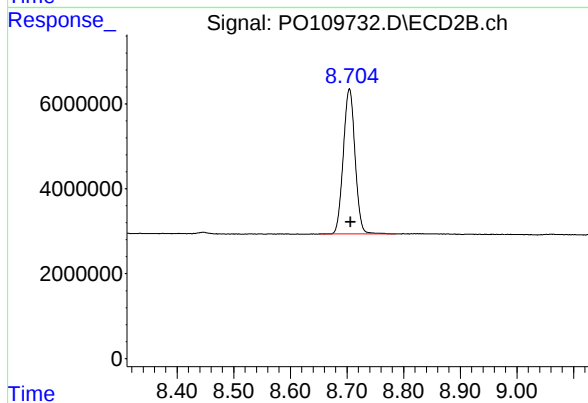
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 127784901
Conc: 24.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 120296756
Conc: 13.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 49348500
Conc: 15.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030725\
 Data File : P0109733.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 20:35
 Operator : YP/AJ
 Sample : Q1514-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 FB03062025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:06:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.697	3.694	217.0E6	121.6E6	22.921	23.233
2) SA Decachlor...	8.753	8.704	130.9E6	52582654	15.220	16.513

Target Compounds

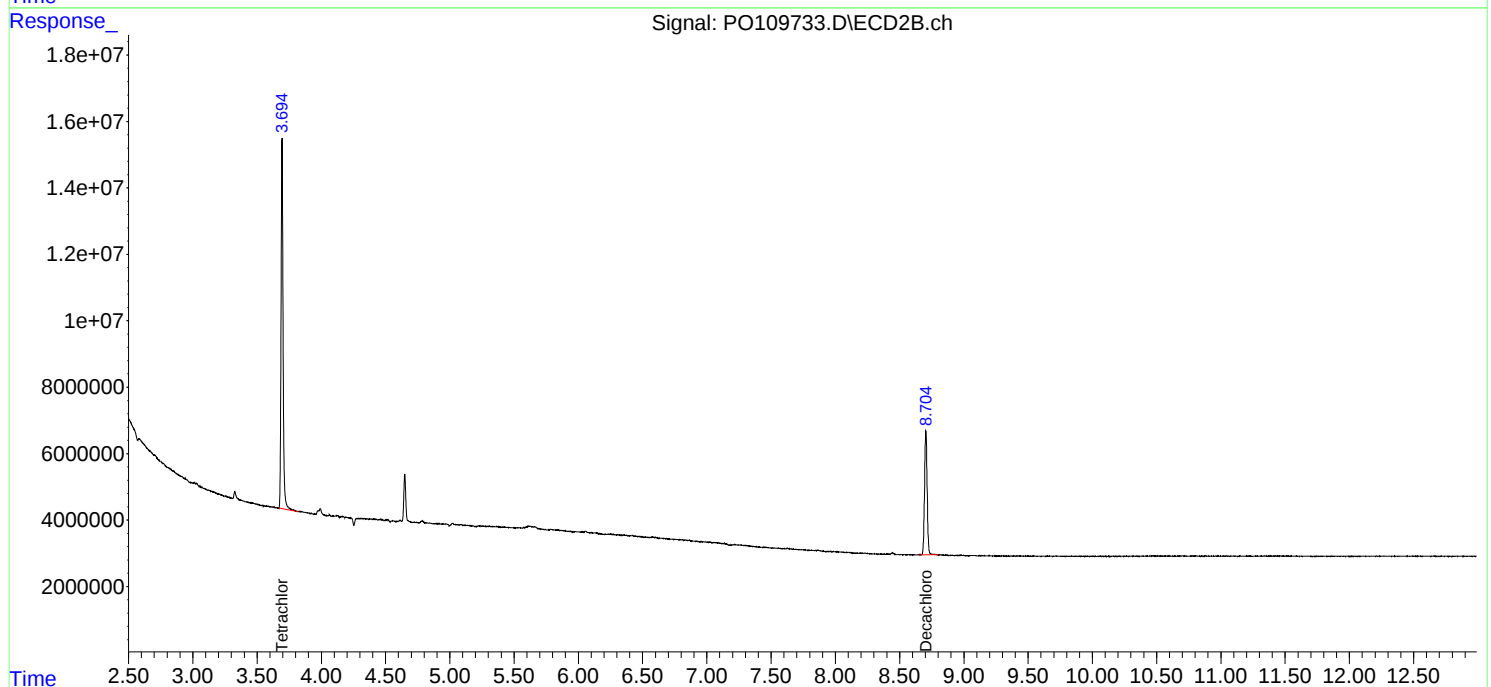
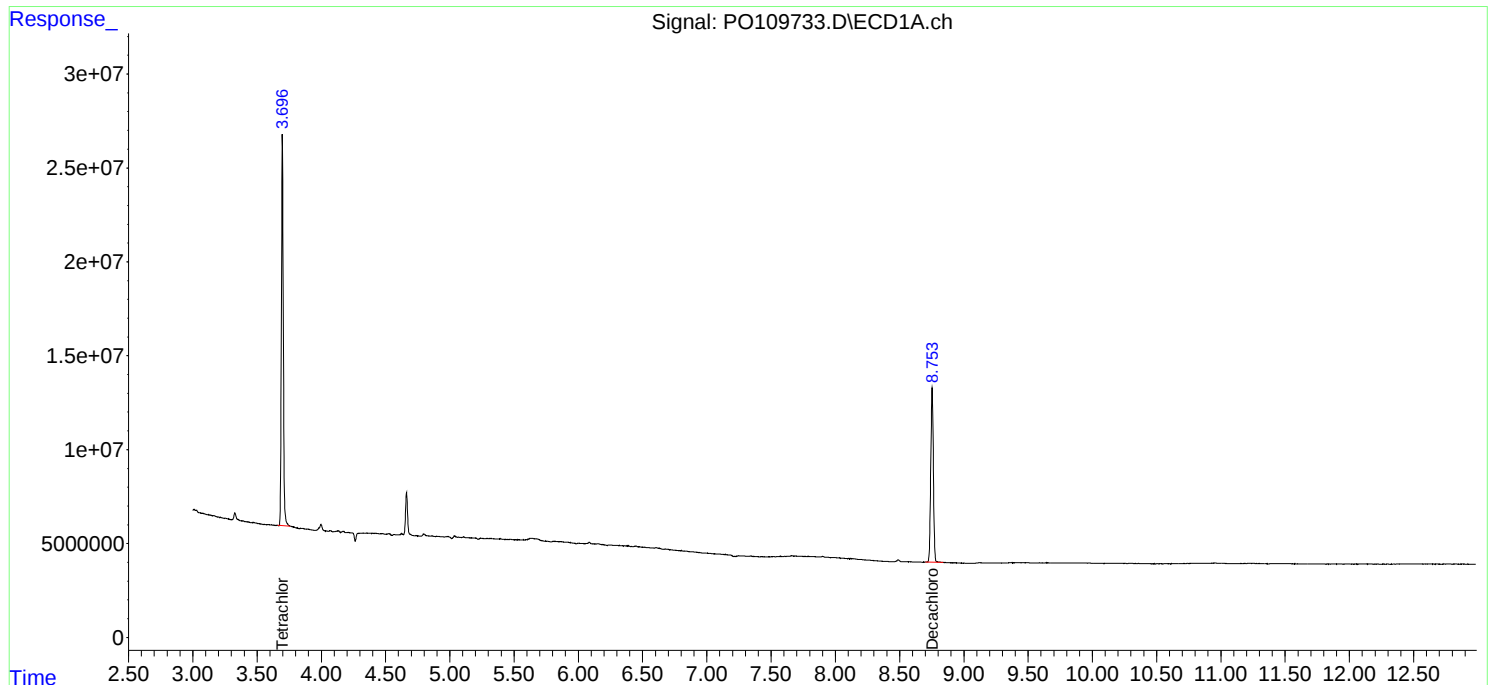
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

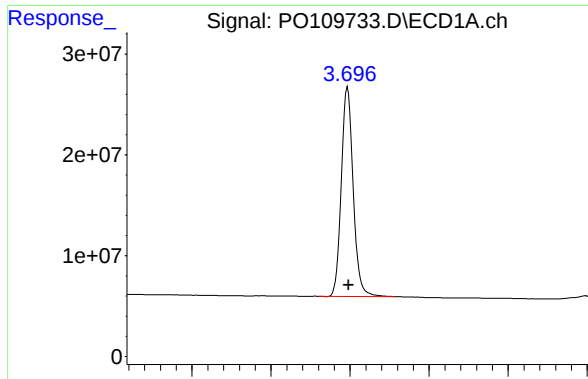
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109733.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 20:35
Operator : YP/AJ
Sample : Q1514-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
FB03062025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:06:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

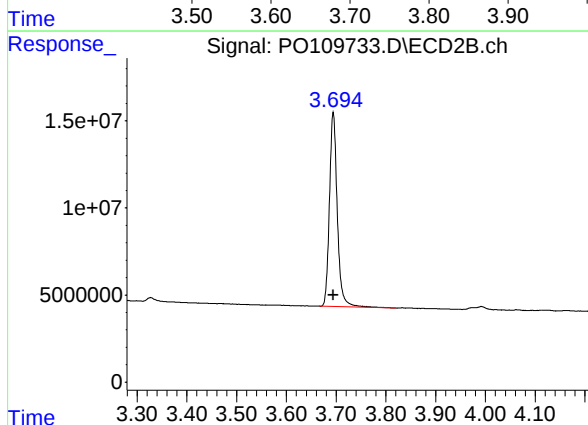




#1 Tetrachloro-m-xylene

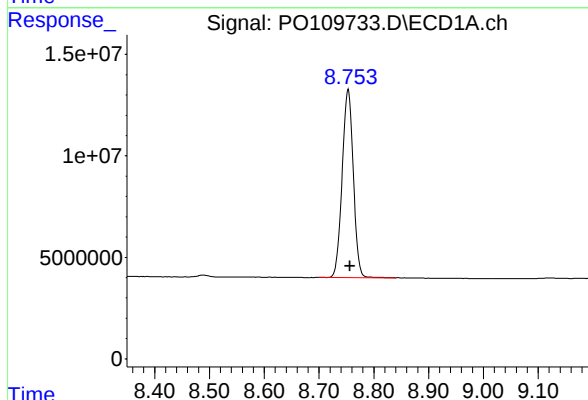
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 216953429
Conc: 22.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
FB03062025



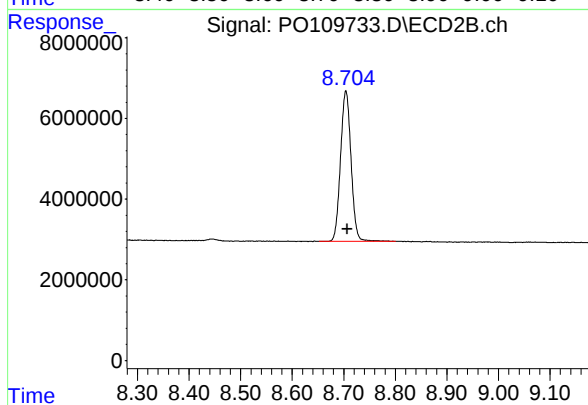
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 121608330
Conc: 23.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: 130921367
Conc: 15.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: -0.003 min
Response: 52582654
Conc: 16.51 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
 Data File : PO109728.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 19:04
 Operator : YP/AJ
 Sample : PB167028BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167028BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:05:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	186.6E6	105.4E6	19.719	20.143
2) SA Decachlor...	8.753	8.705	144.8E6	58766376	16.833	18.455

Target Compounds

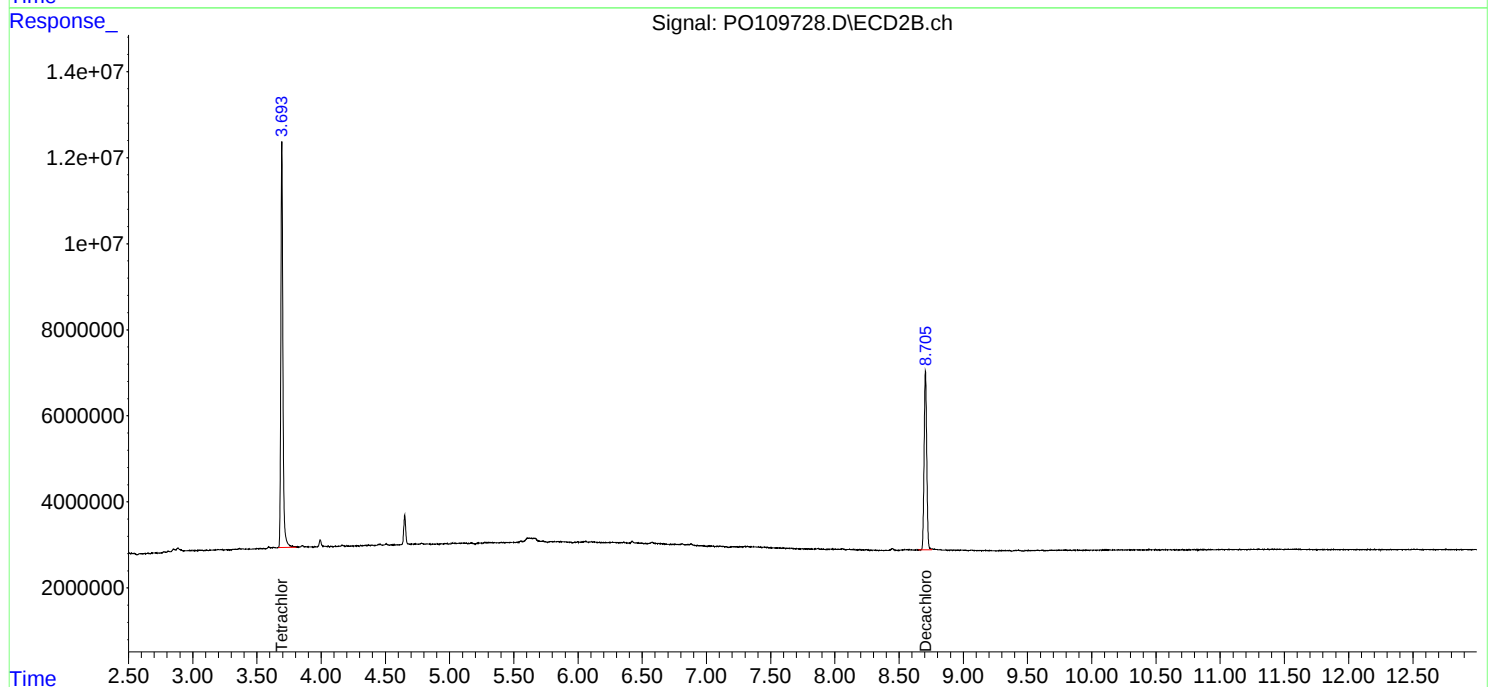
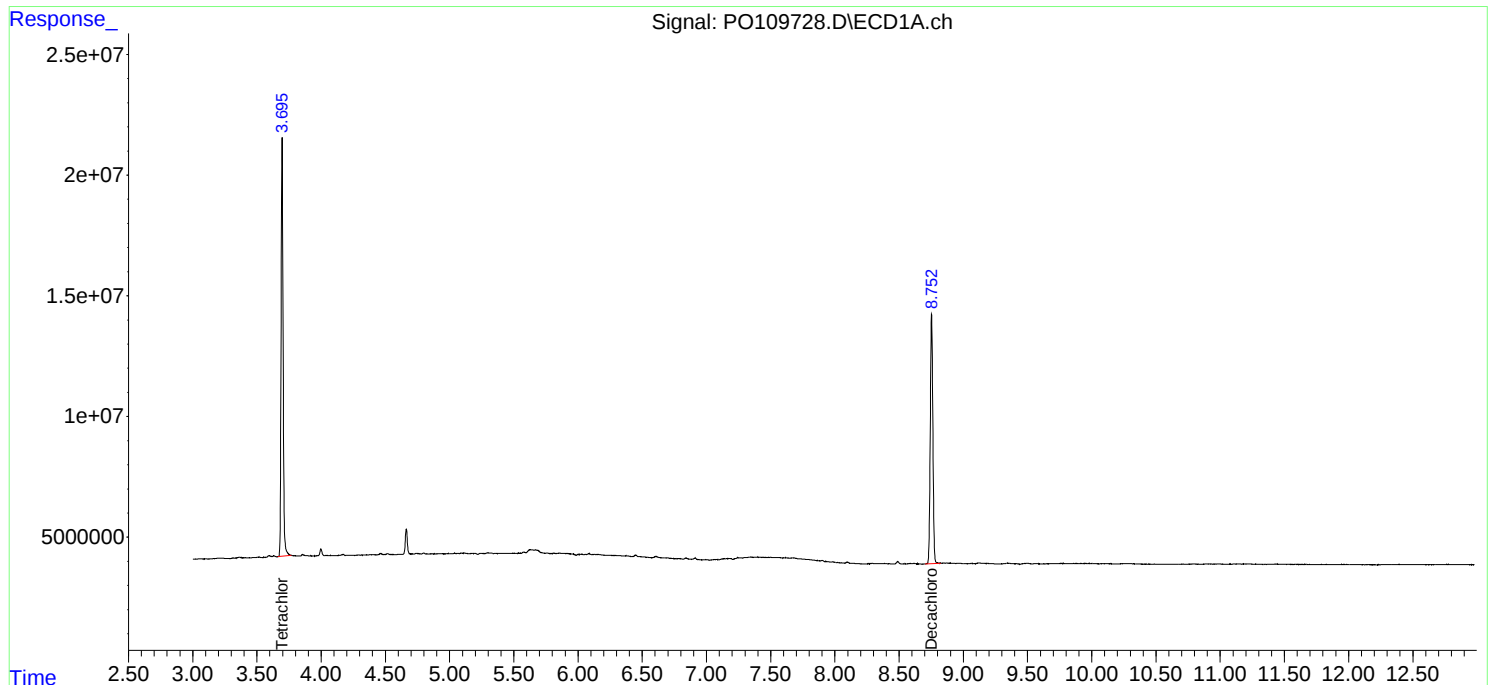
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

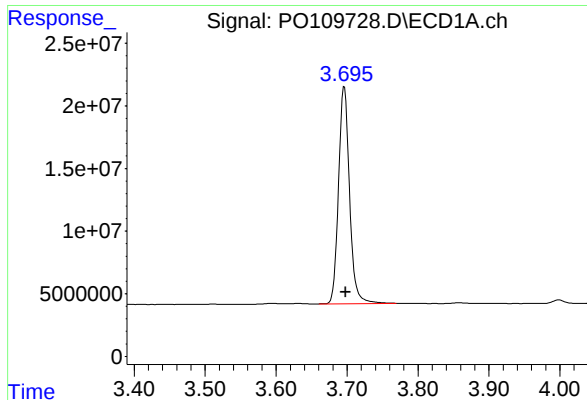
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109728.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 19:04
Operator : YP/AJ
Sample : PB167028BL
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167028BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

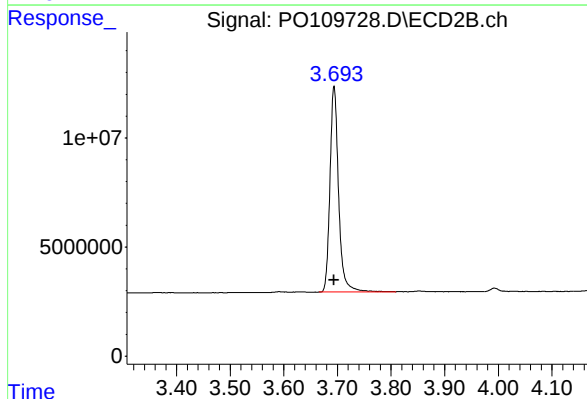




#1 Tetrachloro-m-xylene

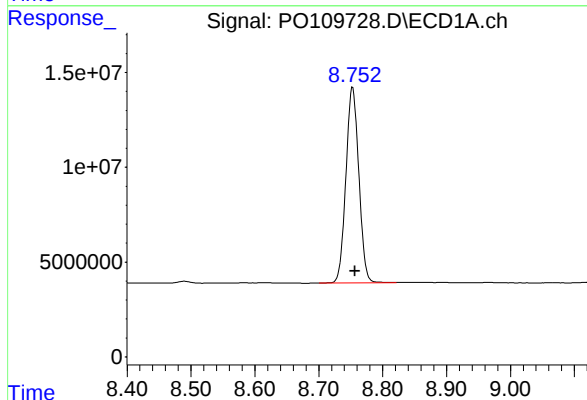
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 186643428
Conc: 19.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167028BL



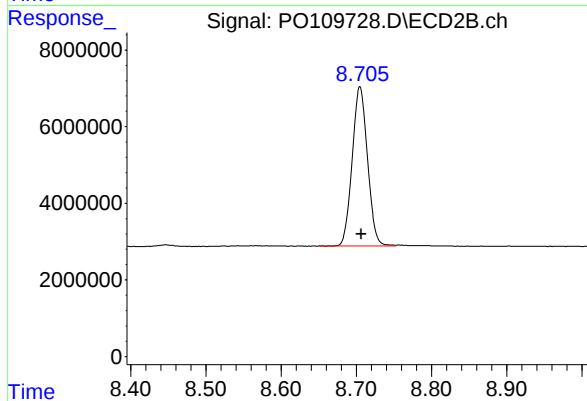
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 105434821
Conc: 20.14 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: 144791530
Conc: 16.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.002 min
Response: 58766376
Conc: 18.46 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 13:41
 Operator : YP\AJ
 Sample : PB167029BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB167029BL

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:14:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.828	35502642	22912096	24.191	23.966
2) SA Decachlor...	10.254	8.883	24387789	23429013	21.411	21.611

Target Compounds

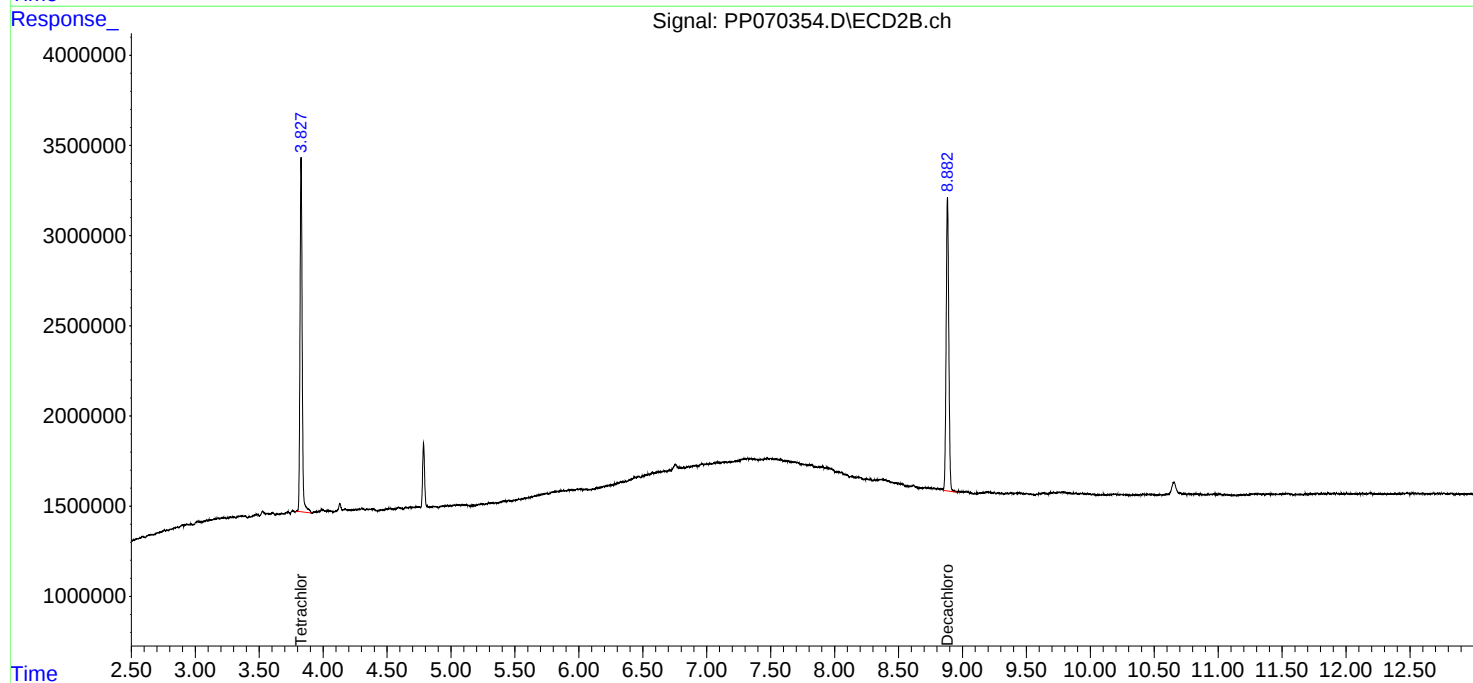
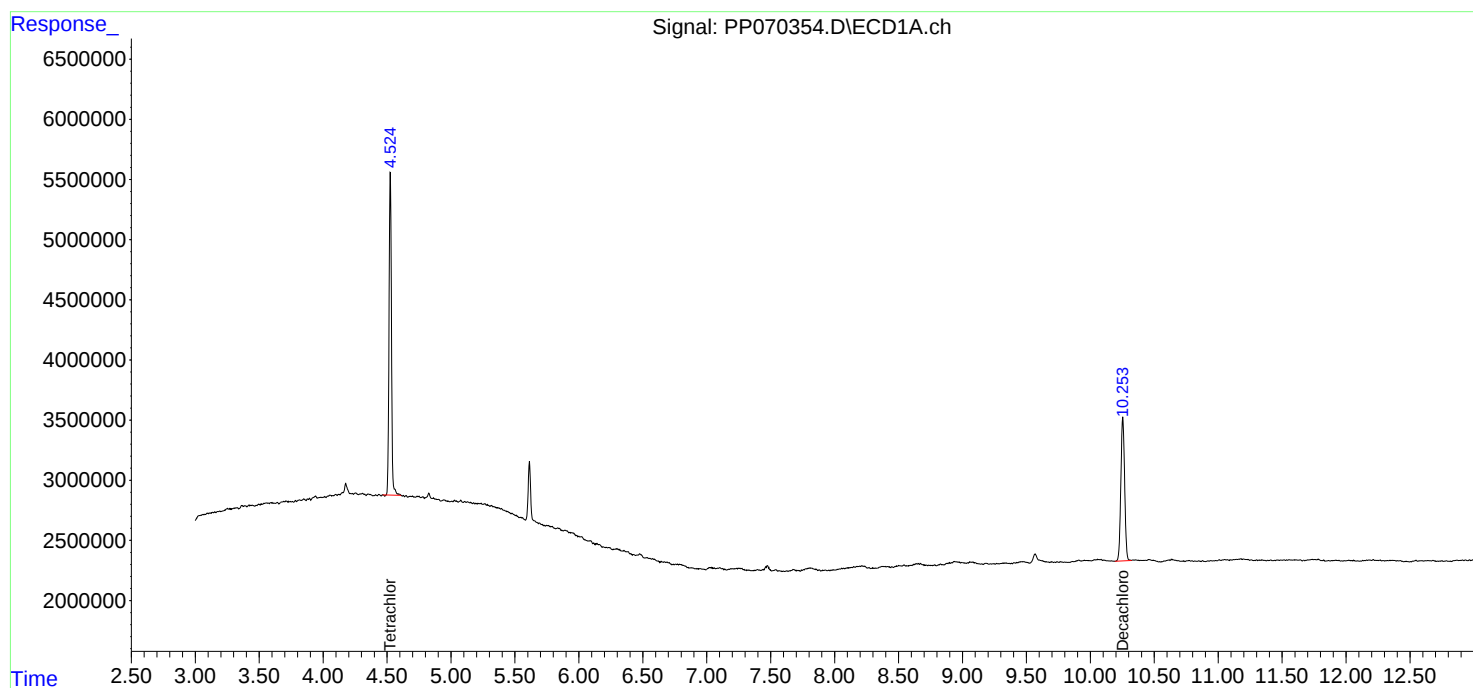
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070354.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:41
Operator : YP\AJ
Sample : PB167029BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

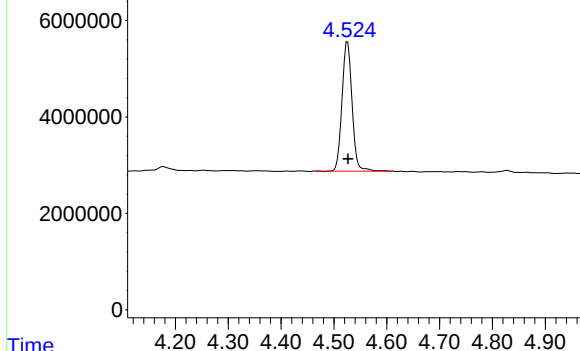
Instrument :
ECD_P
ClientSampleId :
PB167029BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:14:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP070354.D\ECD1A.ch

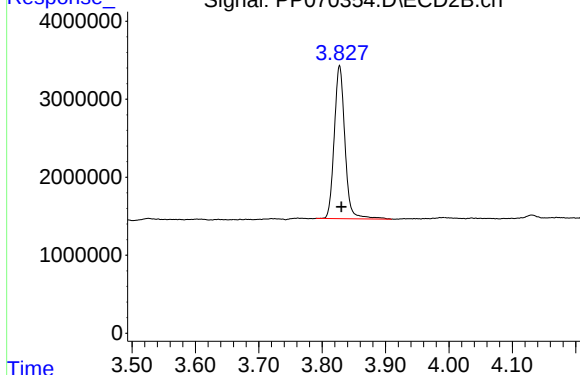


#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 35502642
Conc: 24.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB167029BL

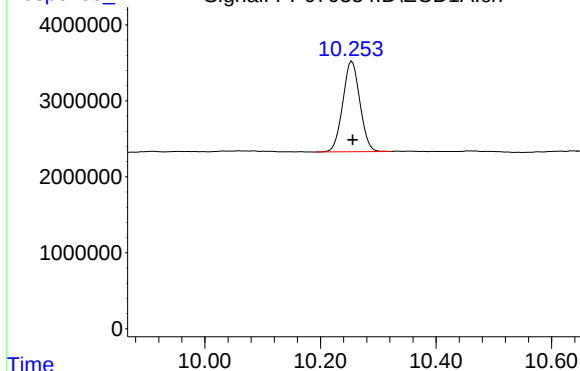
Time Response_ Signal: PP070354.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 22912096
Conc: 23.97 ng/ml

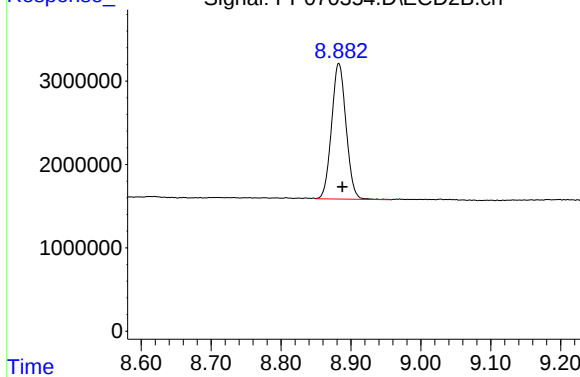
Response_ Signal: PP070354.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.002 min
Response: 24387789
Conc: 21.41 ng/ml

Time Response_ Signal: PP070354.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 23429013
Conc: 21.61 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
 Data File : PO109729.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 19:22
 Operator : YP/AJ
 Sample : PB167028BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167028BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:05:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.693	179.6E6	100.6E6	18.977	19.212
2) SA Decachlor...	8.752	8.704	147.9E6	60265566	17.196	18.926
Target Compounds						
3) L1 AR-1016-1	4.789	4.776	146.3E6	77365361	474.466	495.390
4) L1 AR-1016-2	4.809	4.795	201.4E6	109.1E6	478.416	504.177
5) L1 AR-1016-3	4.865	4.971	139.2E6	59415910	470.675	497.407
6) L1 AR-1016-4	4.986	5.012	109.7E6	49161452	473.259	472.386
7) L1 AR-1016-5	5.243	5.226	116.7E6	63826122	451.859	468.437
31) L7 AR-1260-1	6.285	6.260	220.6E6	116.9E6	473.242	493.453
32) L7 AR-1260-2	6.474	6.447	261.5E6	136.3E6	462.766	495.234
33) L7 AR-1260-3	6.843	6.600	181.5E6	125.7E6	381.594	492.721 #
34) L7 AR-1260-4	7.103	7.072	166.9E6	85267121	386.794	413.532
35) L7 AR-1260-5	7.345	7.312	409.1E6	190.5E6	411.653	425.322

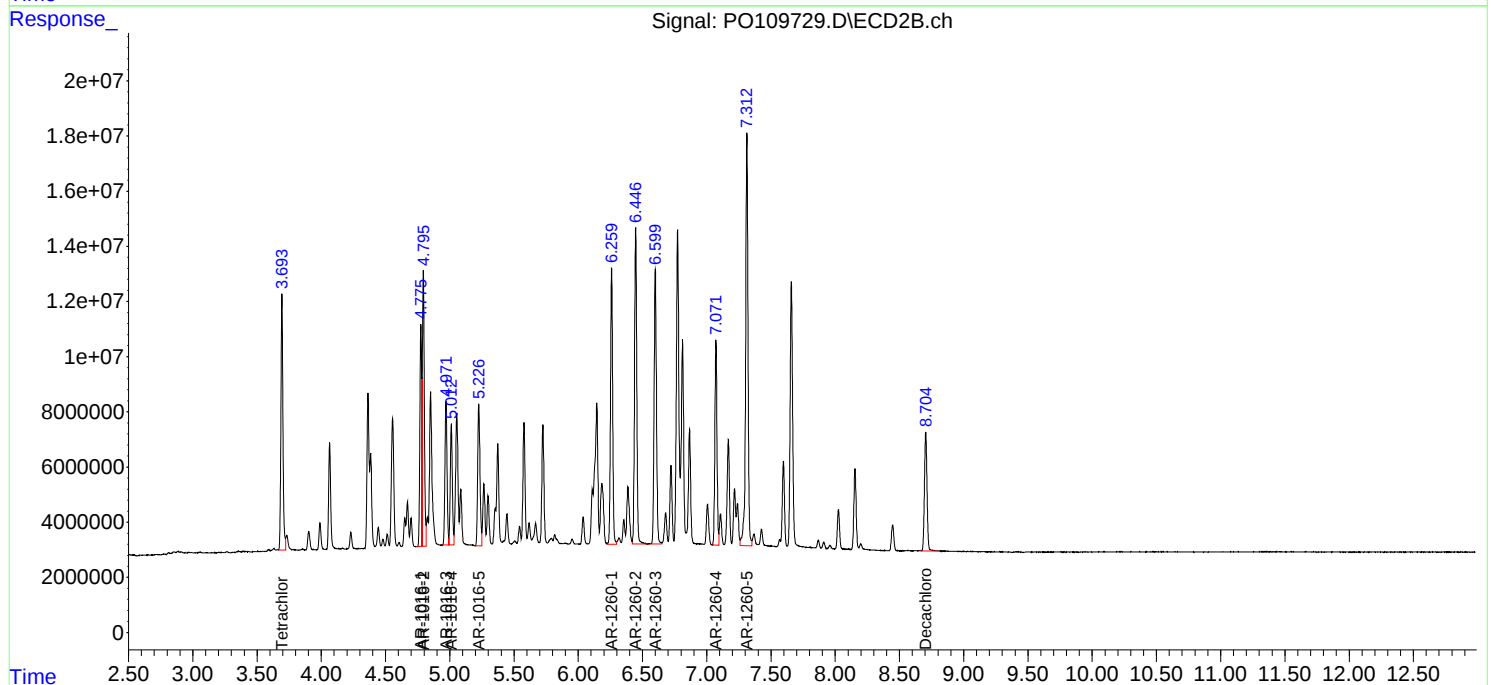
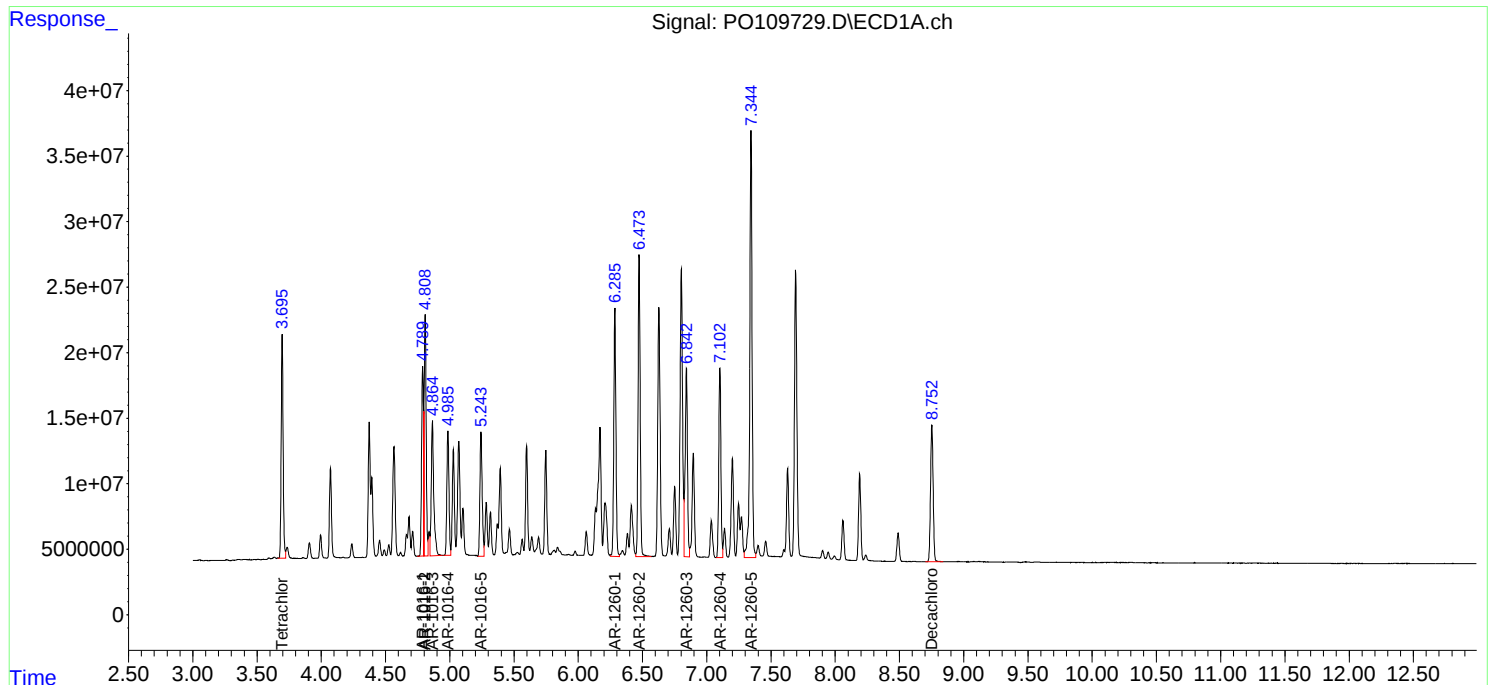
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109729.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 19:22
Operator : YP/AJ
Sample : PB167028BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167028BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070355.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 13:57
 Operator : YP\AJ
 Sample : PB167029BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB167029BS

A
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:14:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.829	36182218	21773663	24.654	22.775
2) SA Decachlor...	10.253	8.883	25252885	23941555	22.170	22.084
Target Compounds						
3) L1 AR-1016-1	5.677	4.918	21959249	15486927	440.717	463.700
4) L1 AR-1016-2	5.699	4.937	32489601	21680932	459.036	465.314
5) L1 AR-1016-3	5.761	5.114	19239866	12042752	438.042	481.086
6) L1 AR-1016-4	5.859	5.155	15718682	9329680	433.483	464.841
7) L1 AR-1016-5	6.152	5.371	15129758	12082537	451.115	465.670
31) L7 AR-1260-1	7.271	6.408	27249252	22440005	466.917	452.974
32) L7 AR-1260-2	7.525	6.596	36701301	30096714	449.081	460.053
33) L7 AR-1260-3	7.883	6.750	24987075	26316379	398.130	436.265
34) L7 AR-1260-4	8.108	7.222	27691166	20482582	436.762	419.146
35) L7 AR-1260-5	8.429	7.463	54546407	53149034	415.799	445.975

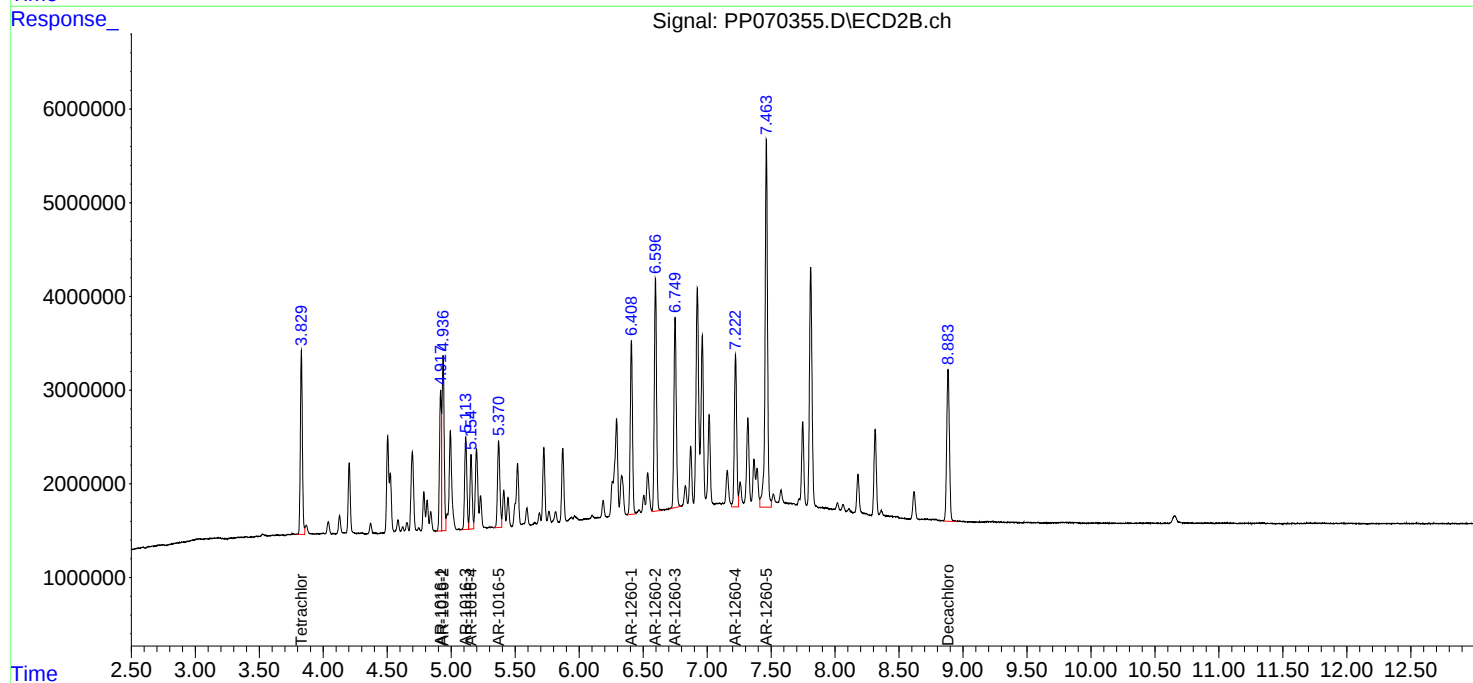
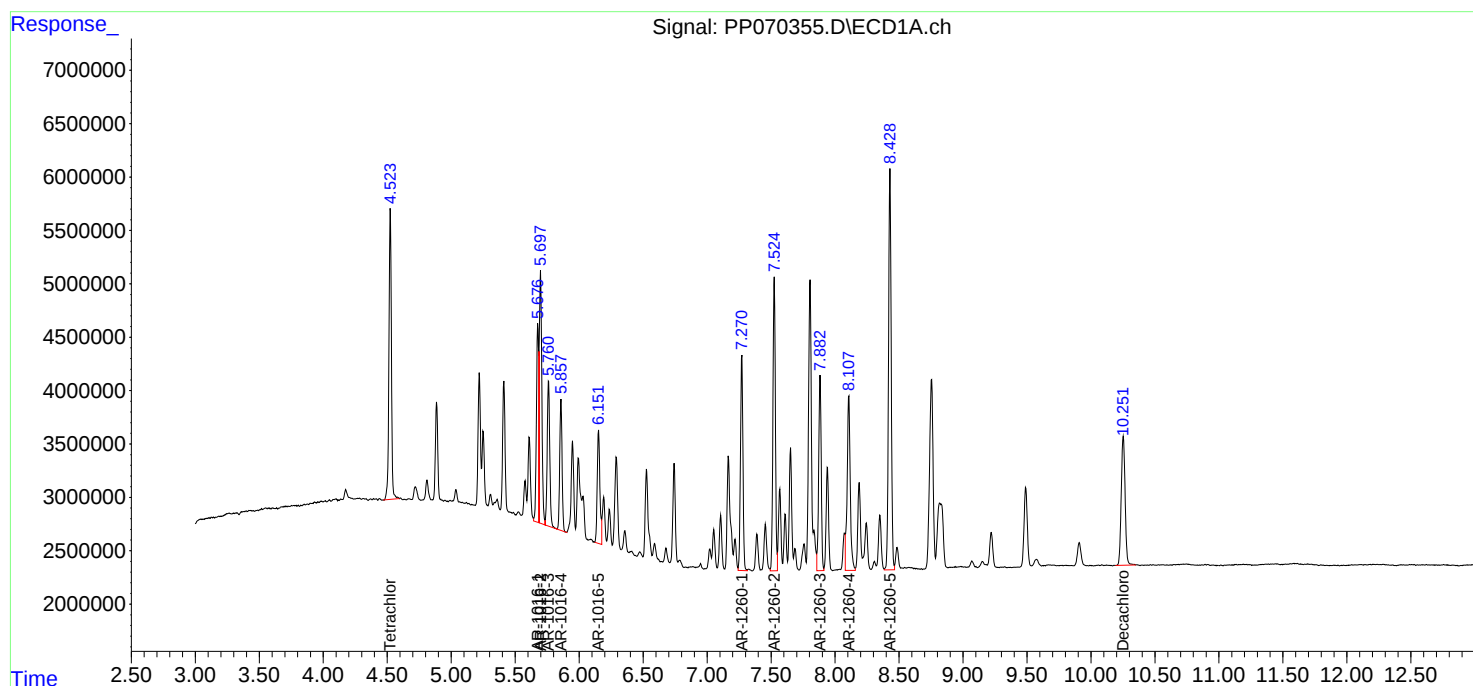
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070355.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 13:57
Operator : YP\AJ
Sample : PB167029BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB167029BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:14:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
 Data File : PO109730.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 19:40
 Operator : YP/AJ
 Sample : PB167028BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167028BSD

A
B
C
D
E
F
G
H
I
J
K
L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:05:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 04:40:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.696	3.694	178.2E6	99379229	18.826	18.986
2) SA Decachlor...	8.751	8.705	145.3E6	58769390	16.894	18.456
Target Compounds						
3) L1 AR-1016-1	4.789	4.776	146.8E6	77154617	476.329	494.041
4) L1 AR-1016-2	4.809	4.796	201.4E6	109.3E6	478.402	504.841
5) L1 AR-1016-3	4.865	4.971	140.4E6	59736512	474.450	500.091
6) L1 AR-1016-4	4.985	5.013	110.2E6	49792013	475.288	478.445
7) L1 AR-1016-5	5.242	5.226	116.2E6	63435105	450.010	465.567
31) L7 AR-1260-1	6.284	6.259	221.0E6	116.4E6	474.140	491.147
32) L7 AR-1260-2	6.473	6.447	263.0E6	135.1E6	465.352	491.029
33) L7 AR-1260-3	6.841	6.600	183.9E6	125.5E6	386.723	491.899 #
34) L7 AR-1260-4	7.103	7.072	167.1E6	85595244	387.065	415.123
35) L7 AR-1260-5	7.344	7.312	400.4E6	189.7E6	402.832	423.720

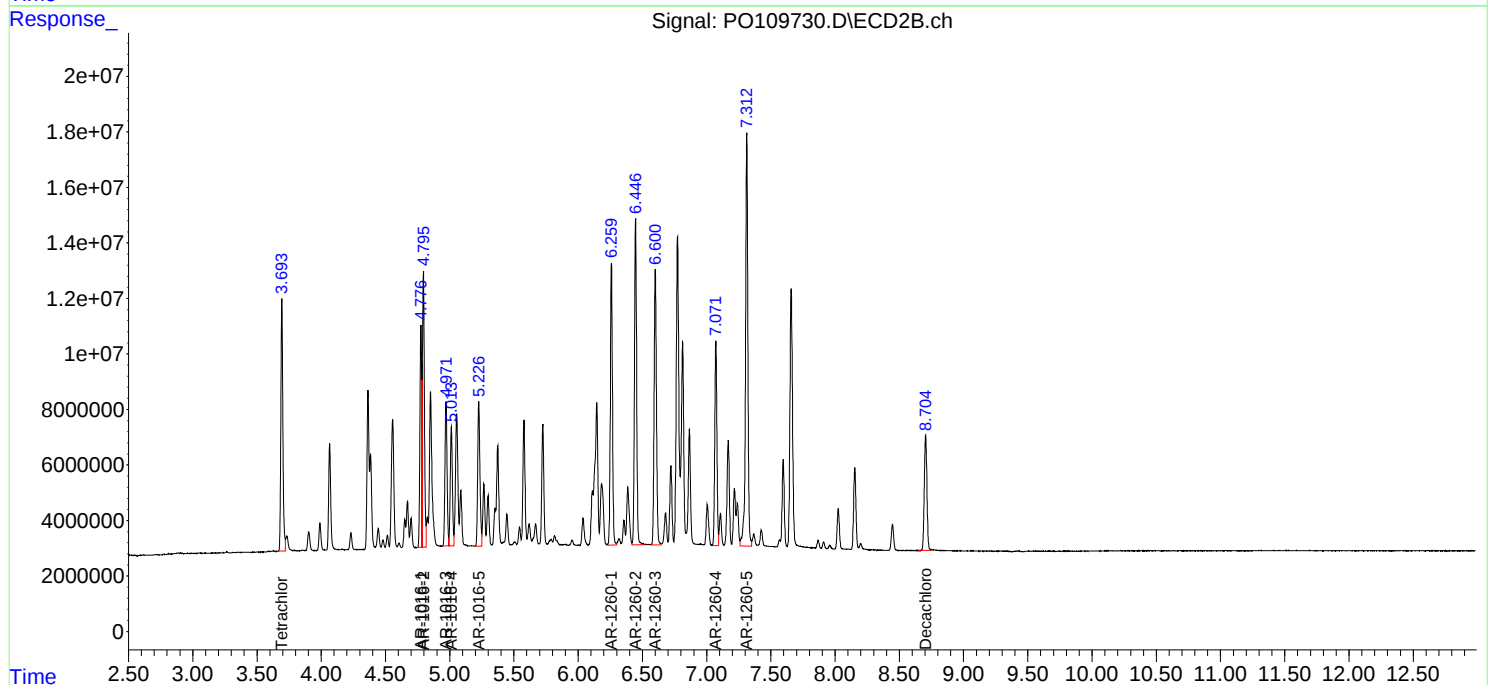
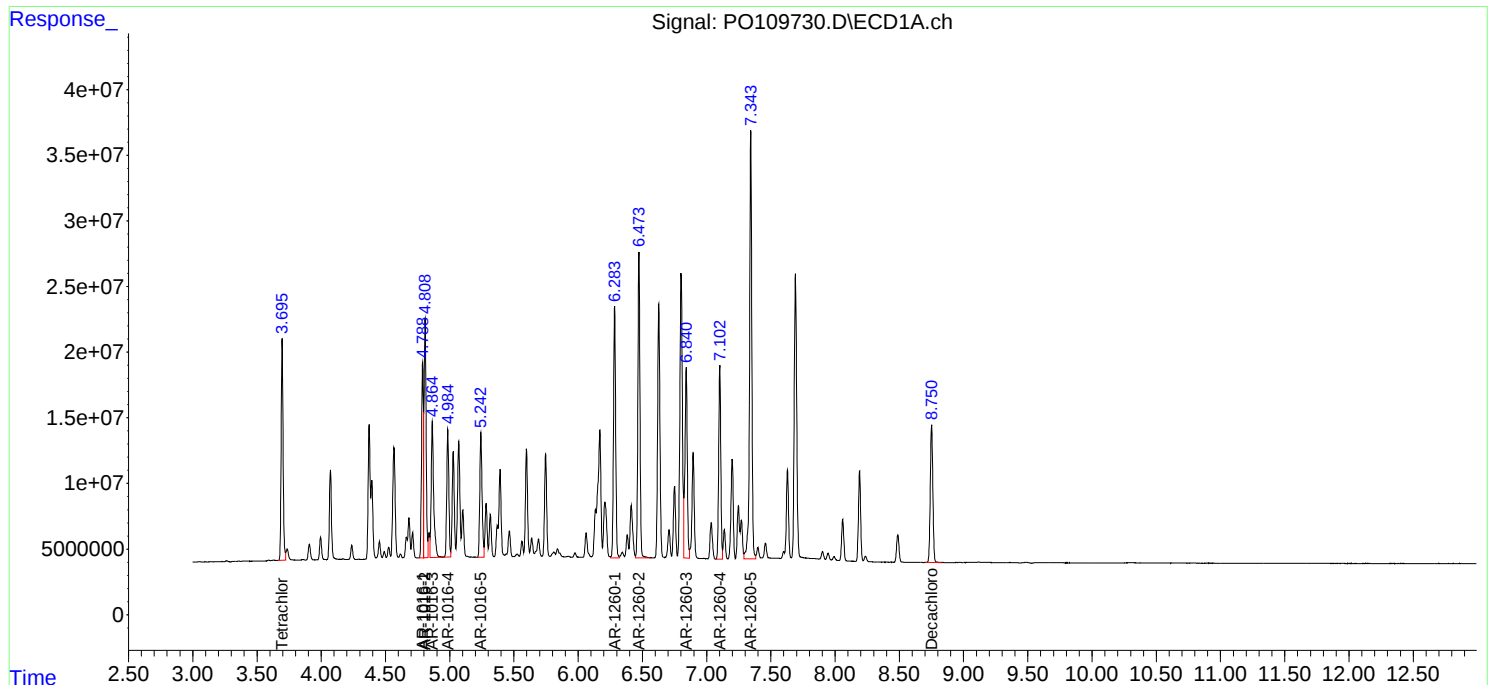
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030725\
Data File : PO109730.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 19:40
Operator : YP/AJ
Sample : PB167028BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167028BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:05:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO022025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Feb 21 04:40:23 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070368.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 18:11
 Operator : YP\AJ
 Sample : Q1508-01MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 RBR251372MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:18:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.523	3.829	19529899	11671207	13.307	12.208
2) SA Decachlor...	10.252	8.883	15858370	15958808	13.923	14.721
Target Compounds						
3) L1 AR-1016-1	5.678	4.919	10555236	7712300	211.841	230.917m
4) L1 AR-1016-2	5.700	4.938	17871750	13514048	252.504	290.037m
5) L1 AR-1016-3	5.761	5.115	13989020	6088401	318.494	243.221m
6) L1 AR-1016-4	5.858	5.158	10977191	8894079	302.724m	443.138 #
7) L1 AR-1016-5	6.152	5.372	7269313	10805752	216.745	416.462 #
26) L6 AR-1254-1	6.527	5.726	18601724	16185384	328.071m	296.602
27) L6 AR-1254-2	6.744	5.875	23637368	13814394	269.570	283.398
28) L6 AR-1254-3	7.107	6.279	21772239	16215625	244.285	213.880m
29) L6 AR-1254-4	7.390	6.507	18639860	9901648	250.162	192.414m
30) L6 AR-1254-5	7.804	6.925	40787861	28451785	607.303m	421.076 #
31) L7 AR-1260-1	7.272	6.410	22732893	16451603	389.529	332.092
32) L7 AR-1260-2	7.525	6.598	33541162	20745712	410.414	317.115
33) L7 AR-1260-3	7.883	6.750	23852174	18189120	380.047	301.533
34) L7 AR-1260-4	8.106	7.223	31706395	15011123	500.093	307.181 #
35) L7 AR-1260-5	8.428	7.463	45371248	37672248	345.858	316.109

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070368.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 18:11
Operator : YP\AJ
Sample : Q1508-01MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

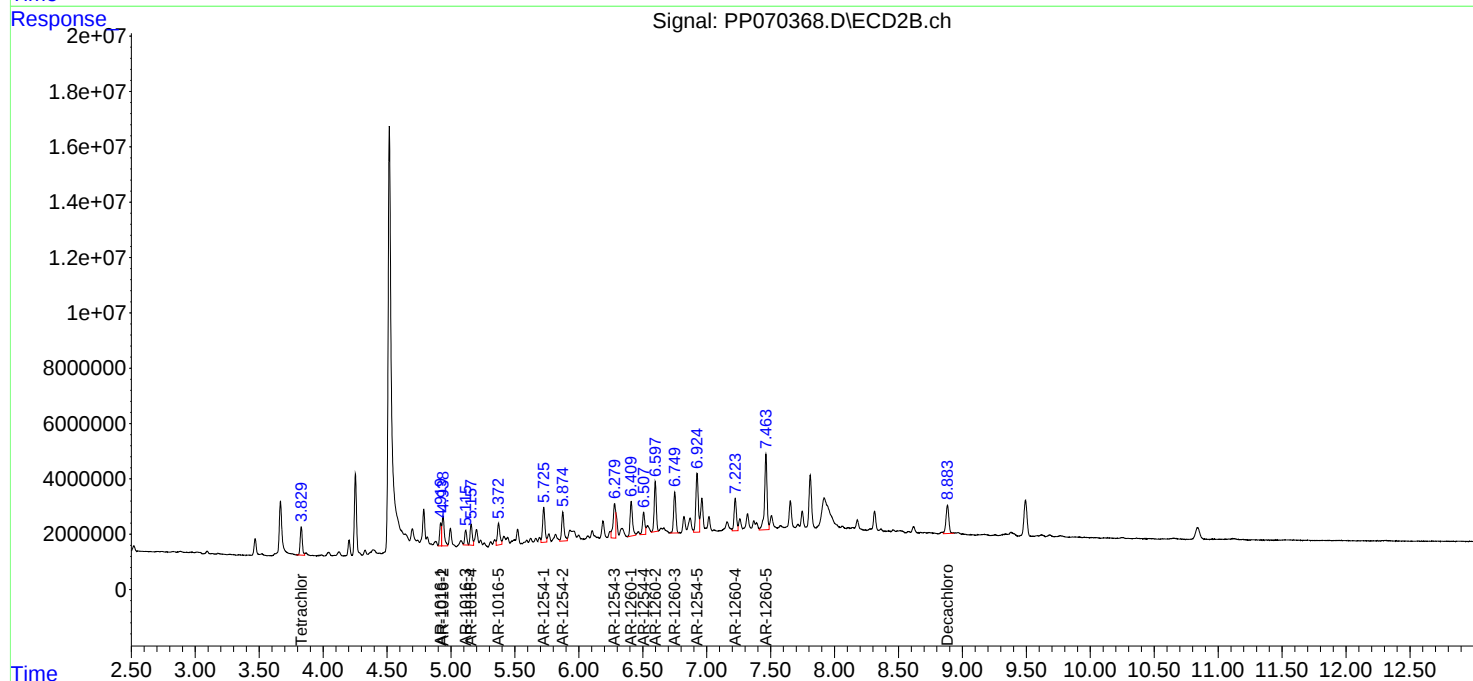
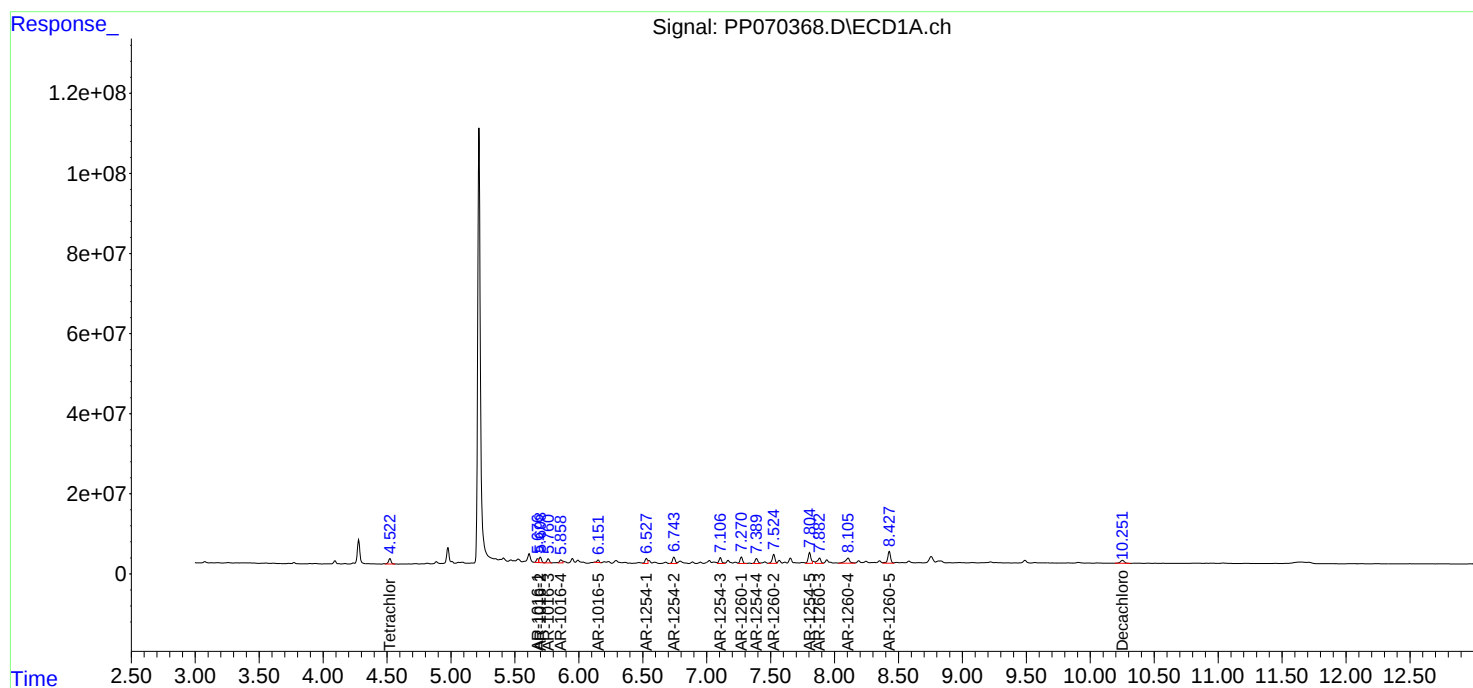
Instrument :
ECD_P
ClientSampleId :
RBR251372MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:18:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
 Data File : PP070369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 18:27
 Operator : YP\AJ
 Sample : Q1508-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

RBR251372MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/10/2025

Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:19:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.829	20281149	11929687	13.819	12.478
2) SA Decachlor...	10.256	8.881	16195876	15854850	14.219	14.625
Target Compounds						
3) L1 AR-1016-1	5.681	4.918	10908744	8261282	218.936	247.354m
4) L1 AR-1016-2	5.704	4.937	18167548	12829357	256.684	275.342m
5) L1 AR-1016-3	5.765	5.114	14134626	6843578	321.809	273.389m
6) L1 AR-1016-4	5.861	5.156	11218300	9015221	309.373m	449.174 #
7) L1 AR-1016-5	6.155	5.371	7752516	10891759	231.152	419.777 #
26) L6 AR-1254-1	6.530	5.725	18844012	16526961	332.344m	302.862
27) L6 AR-1254-2	6.748	5.873	24912371	13819187	284.111	283.496
28) L6 AR-1254-3	7.110	6.278	22663981	15515638	254.290	204.647m
29) L6 AR-1254-4	7.394	6.506	19621361	10054172	263.335	195.378m#
30) L6 AR-1254-5	7.809	6.923	47708507	29264844	710.347	433.109 #
31) L7 AR-1260-1	7.275	6.409	24124142	17319071	413.368	349.603
32) L7 AR-1260-2	7.529	6.596	34847076	21666445	426.393	331.189
33) L7 AR-1260-3	7.886	6.749	24993800	19136371	398.237	317.237
34) L7 AR-1260-4	8.110	7.222	33271910	16460560	524.785	336.841 #
35) L7 AR-1260-5	8.432	7.462	44730056	42746768	340.970	358.690

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030725\
Data File : PP070369.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 18:27
Operator : YP\AJ
Sample : Q1508-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

RBR251372MSD

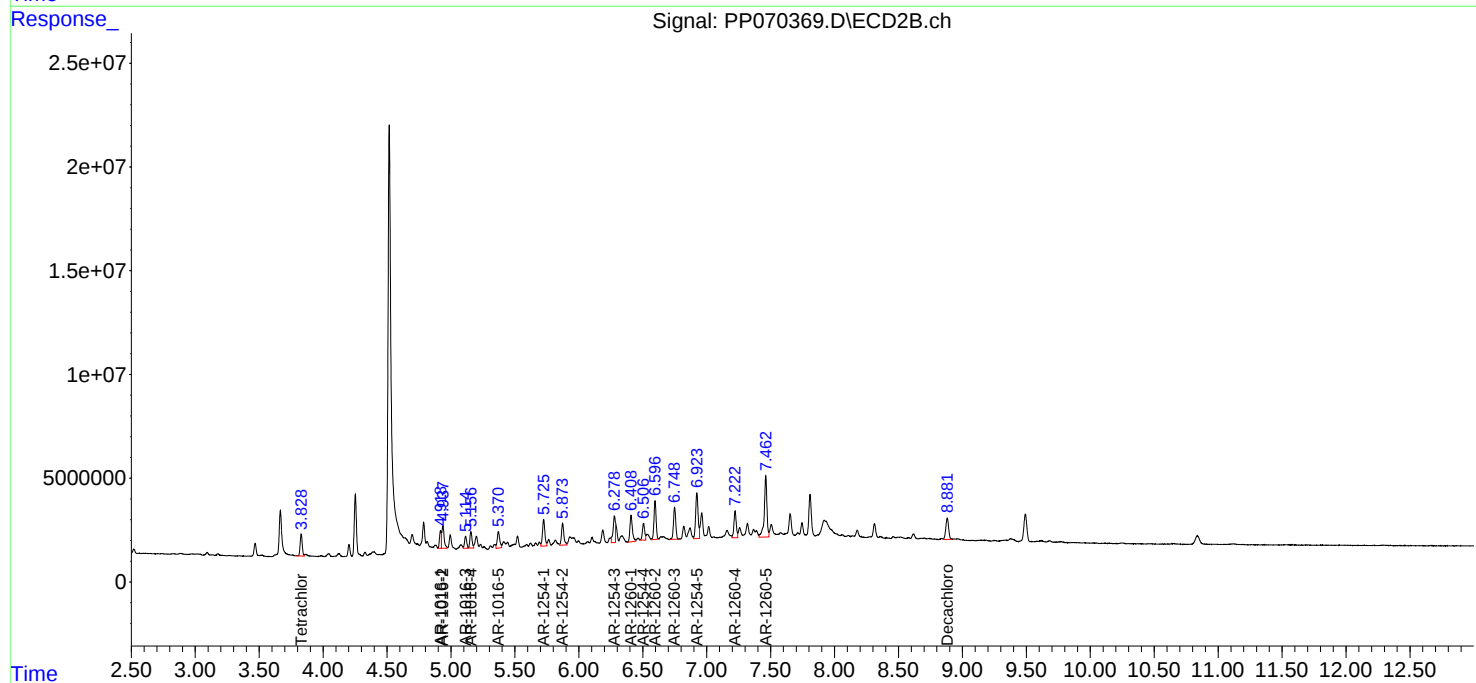
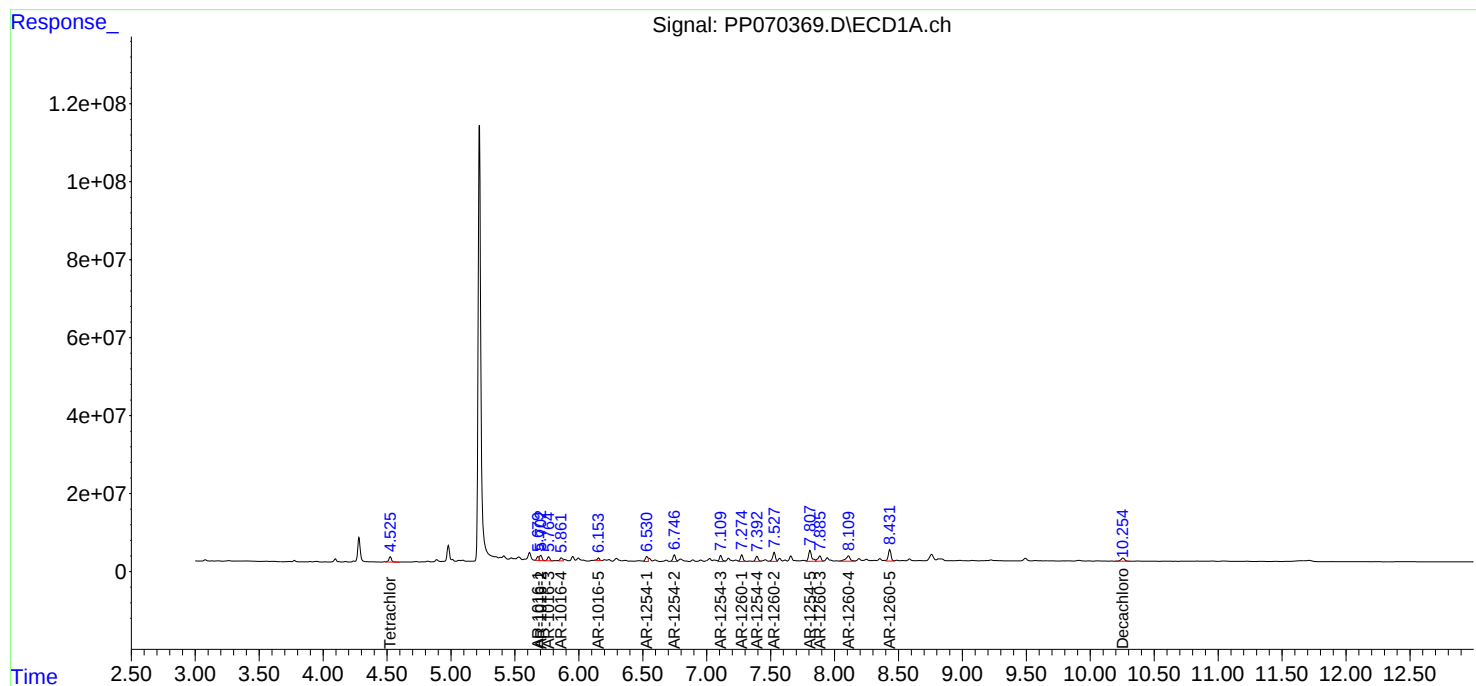
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:19:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	PO022025	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO109437.D	AR-1242-5	yogesh	2/21/2025 8:09:35 AM	Ankita	2/21/2025 9:30:25	Peak Integrated by Software
AR1242ICC050	PO109437.D	AR-1242-5 #2	yogesh	2/21/2025 8:09:35 AM	Ankita	2/21/2025 9:30:25	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-4	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-4 #2	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-5	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1248ICC050	PO109442.D	AR-1248-5 #2	yogesh	2/21/2025 8:09:37 AM	Ankita	2/21/2025 9:30:26	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-1	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-1 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-2 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-3	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-3 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	AR-1254-4	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software

Manual Integration Report

Sequence:

PO022025

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO109447.D	AR-1254-4 #2	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software
AR1254ICC050	PO109447.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:09:39 AM	Ankita	2/21/2025 9:30:28	Peak Integrated by Software



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	PO030725	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1514-07	PO109731.D	Tetrachloro-m-xylene #2	yogesh	3/10/2025 7:58:52 AM	Ankita	3/10/2025 10:53:08	Peak Integrated by Software

Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP070000.D	AR-1016-1	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-1 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-3	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-3 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-4	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1016-5	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1260-1 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1260-2 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1660ICC050	PP070000.D	AR-1260-3 #2	yogesh	2/25/2025 9:00:03 AM	Ankita	2/25/2025 9:47:55	Peak Integrated by Software
AR1221ICC500	PP070001.D	Decachlorobiphenyl	yogesh	2/25/2025 9:00:06 AM	Ankita	2/25/2025 9:47:57	Peak Integrated by Software
AR1242ICC750	PP070004.D	AR-1242-5	yogesh	2/25/2025 9:00:08 AM	Ankita	2/25/2025 9:47:58	Peak Integrated by Software
AR1242ICC250	PP070006.D	AR-1242-5	yogesh	2/25/2025 9:00:09 AM	Ankita	2/25/2025 9:48:00	Peak Integrated by Software

Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP070007.D	AR-1242-1	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1242ICC050	PP070007.D	AR-1242-2	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1242ICC050	PP070007.D	AR-1242-3	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1242ICC050	PP070007.D	AR-1242-4	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1242ICC050	PP070007.D	AR-1242-5	yogesh	2/25/2025 9:00:11 AM	Ankita	2/25/2025 9:48:01	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-1	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-2	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-3	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-4	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1248ICC050	PP070012.D	AR-1248-5	yogesh	2/25/2025 9:00:12 AM	Ankita	2/25/2025 9:48:03	Peak Integrated by Software
AR1254ICC1000	PP070013.D	AR-1254-1	yogesh	2/25/2025 9:00:14 AM	Ankita	2/25/2025 9:48:05	Peak Integrated by Software
AR1254ICC750	PP070014.D	AR-1254-1	yogesh	2/25/2025 9:00:16 AM	Ankita	2/25/2025 9:48:07	Peak Integrated by Software
AR1254ICC750	PP070014.D	AR-1254-5	yogesh	2/25/2025 9:00:16 AM	Ankita	2/25/2025 9:48:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP070017.D	AR-1254-1	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-1 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-2 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-3	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-3 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-4	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-4 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-5	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	AR-1254-5 #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	Tetrachloro-m-xylene	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1254ICC050	PP070017.D	Tetrachloro-m-xylene #2	yogesh	2/25/2025 9:00:17 AM	Ankita	2/25/2025 9:48:24	Peak Integrated by Software
AR1268ICC750	PP070020.D	Tetrachloro-m-xylene #2	yogesh	2/25/2025 9:00:19 AM	Ankita	2/25/2025 9:48:09	Peak Integrated by Software

Manual Integration Report

Sequence:

PP022425

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC250	PP070022.D	AR-1268-4 #2	yogesh	2/25/2025 9:00:21 AM	Ankita	2/25/2025 9:48:11	Peak Integrated by Software
AR1268ICC050	PP070023.D	Tetrachloro-m-xylene	yogesh	2/25/2025 9:00:23 AM	Ankita	2/25/2025 9:48:13	Peak Integrated by Software

Manual Integration Report

Sequence:	PP030725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP070347.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:25 AM	Ankita	3/10/2025 10:57:58	Peak Integrated by Software
AR1242CCC500	PP070360.D	AR-1242-1	yogesh	3/10/2025 8:00:39 AM	Ankita	3/10/2025 10:58:10	Peak Integrated by Software
AR1242CCC500	PP070360.D	AR-1242-1 #2	yogesh	3/10/2025 8:00:39 AM	Ankita	3/10/2025 10:58:10	Peak Integrated by Software
AR1248CCC500	PP070361.D	AR-1248-1 #2	yogesh	3/10/2025 8:00:40 AM	Ankita	3/10/2025 10:58:12	Peak Integrated by Software
AR1254CCC500	PP070362.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:43 AM	Ankita	3/10/2025 10:58:14	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1016-1 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1016-2 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1016-3 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1016-4	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1254-1	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1254-3 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software
Q1508-01MS	PP070368.D	AR-1254-5	yogesh	3/10/2025 8:00:54 AM	Ankita	3/10/2025 10:58:50	Peak Integrated by Software

Manual Integration Report

Sequence:	PP030725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1508-01MSD	PP070369.D	AR-1016-1 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1016-2 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1016-3 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1016-4	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1254-1	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1254-3 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1508-01MSD	PP070369.D	AR-1254-4 #2	yogesh	3/10/2025 8:00:56 AM	Ankita	3/10/2025 10:58:52	Peak Integrated by Software
Q1514-03	PP070371.D	Tetrachloro-m-xylene	yogesh	3/10/2025 8:00:58 AM	Ankita	3/10/2025 10:58:54	Peak Integrated by Software
Q1514-05	PP070372.D	AR-1254-1	yogesh	3/10/2025 8:01:00 AM	Ankita	3/10/2025 10:58:56	Peak Integrated by Software
Q1514-05	PP070372.D	AR-1254-4 #2	yogesh	3/10/2025 8:01:00 AM	Ankita	3/10/2025 10:58:56	Peak Integrated by Software
Q1514-05	PP070372.D	AR-1260-4	yogesh	3/10/2025 8:01:00 AM	Ankita	3/10/2025 10:58:56	Peak Integrated by Software
Q1514-05	PP070372.D	AR-1260-4 #2	yogesh	3/10/2025 8:01:00 AM	Ankita	3/10/2025 10:58:56	Peak Integrated by Software
Q1514-05	PP070372.D	AR-1260-5 #2	yogesh	3/10/2025 8:01:00 AM	Ankita	3/10/2025 10:58:56	Peak Integrated by Software

Manual Integration Report

Sequence:	PP030725	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP070374.D	AR-1016-5 #2	yogesh	3/10/2025 8:01:03 AM	Ankita	3/10/2025 10:59:00	Peak Integrated by Software
AR1242CCC500	PP070375.D	AR-1242-1	yogesh	3/10/2025 8:01:04 AM	Ankita	3/10/2025 10:59:02	Peak Integrated by Software
AR1242CCC500	PP070375.D	AR-1242-1 #2	yogesh	3/10/2025 8:01:04 AM	Ankita	3/10/2025 10:59:02	Peak Integrated by Software
AR1248CCC500	PP070376.D	AR-1248-1 #2	yogesh	3/10/2025 8:01:06 AM	Ankita	3/10/2025 10:59:05	Peak Integrated by Software
AR1254CCC500	PP070377.D	AR-1254-4 #2	yogesh	3/10/2025 8:01:08 AM	Ankita	3/10/2025 10:59:07	Peak Integrated by Software
I.BLK	PP070378.D	Tetrachloro-m-xylene #2	yogesh	3/10/2025 8:01:09 AM	Ankita	3/10/2025 10:59:09	Peak Integrated by Software
AR1242CCC500	PP070385.D	AR-1242-1	yogesh	3/10/2025 8:01:16 AM	Ankita	3/10/2025 10:59:16	Peak Integrated by Software
AR1242CCC500	PP070385.D	AR-1242-1 #2	yogesh	3/10/2025 8:01:16 AM	Ankita	3/10/2025 10:59:16	Peak Integrated by Software
AR1248CCC500	PP070386.D	AR-1248-1 #2	yogesh	3/10/2025 8:01:18 AM	Ankita	3/10/2025 10:59:42	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM
SubDirectory	PO022025	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO109424.D	20 Feb 2025 16:09	YP/AJ	Ok
2	I.BLK	PO109425.D	20 Feb 2025 16:28	YP/AJ	Ok
3	AR1660ICC1000	PO109426.D	20 Feb 2025 16:46	YP/AJ	Ok
4	AR1660ICC750	PO109427.D	20 Feb 2025 17:04	YP/AJ	Ok
5	AR1660ICC500	PO109428.D	20 Feb 2025 17:23	YP/AJ	Ok
6	AR1660ICC250	PO109429.D	20 Feb 2025 17:41	YP/AJ	Ok
7	AR1660ICC050	PO109430.D	20 Feb 2025 17:59	YP/AJ	Ok
8	AR1221ICC500	PO109431.D	20 Feb 2025 18:18	YP/AJ	Ok
9	AR1232ICC500	PO109432.D	20 Feb 2025 18:36	YP/AJ	Ok
10	AR1242ICC1000	PO109433.D	20 Feb 2025 18:55	YP/AJ	Ok
11	AR1242ICC750	PO109434.D	20 Feb 2025 19:13	YP/AJ	Ok
12	AR1242ICC500	PO109435.D	20 Feb 2025 19:31	YP/AJ	Ok
13	AR1242ICC250	PO109436.D	20 Feb 2025 19:50	YP/AJ	Ok
14	AR1242ICC050	PO109437.D	20 Feb 2025 20:08	YP/AJ	Ok,M
15	AR1248ICC1000	PO109438.D	20 Feb 2025 20:26	YP/AJ	Ok
16	AR1248ICC750	PO109439.D	20 Feb 2025 20:45	YP/AJ	Ok
17	AR1248ICC500	PO109440.D	20 Feb 2025 21:03	YP/AJ	Ok
18	AR1248ICC250	PO109441.D	20 Feb 2025 21:21	YP/AJ	Ok
19	AR1248ICC050	PO109442.D	20 Feb 2025 21:40	YP/AJ	Ok,M
20	AR1254ICC1000	PO109443.D	20 Feb 2025 21:58	YP/AJ	Ok
21	AR1254ICC750	PO109444.D	20 Feb 2025 22:17	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM
SubDirectory	PO022025	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PO109445.D	20 Feb 2025 22:35	YP/AJ	Ok
23	AR1254ICC250	PO109446.D	20 Feb 2025 22:53	YP/AJ	Ok
24	AR1254ICC050	PO109447.D	20 Feb 2025 23:12	YP/AJ	Ok,M
25	AR1262ICC500	PO109448.D	20 Feb 2025 23:30	YP/AJ	Ok
26	AR1268ICC1000	PO109449.D	20 Feb 2025 23:48	YP/AJ	Ok
27	AR1268ICC750	PO109450.D	21 Feb 2025 00:07	YP/AJ	Ok
28	AR1268ICC500	PO109451.D	21 Feb 2025 00:25	YP/AJ	Ok
29	AR1268ICC250	PO109452.D	21 Feb 2025 00:43	YP/AJ	Ok
30	AR1268ICC050	PO109453.D	21 Feb 2025 01:02	YP/AJ	Ok
31	PO022025ICV500	PO109454.D	21 Feb 2025 01:20	YP/AJ	Ok
32	AR1242ICV500	PO109455.D	21 Feb 2025 01:38	YP/AJ	Ok
33	AR1248ICV500	PO109456.D	21 Feb 2025 01:57	YP/AJ	Ok
34	AR1254ICV500	PO109457.D	21 Feb 2025 02:15	YP/AJ	Ok
35	AR1268ICV500	PO109458.D	21 Feb 2025 02:34	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM	
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM	
SubDirectory	PO030725	HP Acquire Method	HP Processing Method	PO022025
STD. NAME		STD REF.#		
Tune/Reschk				
Initial Calibration Stds		PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC		PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM				
ICV/I.BLK		PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard				
MS/MSD Standard				
LCS Standard				

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO109697.D	07 Mar 2025 08:40	YP/AJ	Ok
2	AR1660CCC500	PO109698.D	07 Mar 2025 08:58	YP/AJ	Ok
3	I.BLK	PO109699.D	07 Mar 2025 09:17	YP/AJ	Ok
4	Q1437-07DL	PO109700.D	07 Mar 2025 09:36	YP/AJ	Ok
5	Q1438-03DL	PO109701.D	07 Mar 2025 09:55	YP/AJ	Ok
6	Q1438-05DL	PO109702.D	07 Mar 2025 10:12	YP/AJ	Ok
7	Q1433-06DL	PO109703.D	07 Mar 2025 10:29	YP/AJ	Ok
8	Q1433-09DL	PO109704.D	07 Mar 2025 10:48	YP/AJ	Ok
9	Q1434-02DL	PO109705.D	07 Mar 2025 11:06	YP/AJ	Not Ok
10	Q1434-05DL	PO109706.D	07 Mar 2025 11:24	YP/AJ	Ok
11	Q1434-07DL	PO109707.D	07 Mar 2025 11:43	YP/AJ	Ok
12	AR1660CCC500	PO109708.D	07 Mar 2025 12:30	YP/AJ	Ok
13	AR1242CCC500	PO109709.D	07 Mar 2025 12:48	YP/AJ	Ok
14	AR1248CCC500	PO109710.D	07 Mar 2025 13:05	YP/AJ	Ok
15	AR1254CCC500	PO109711.D	07 Mar 2025 13:24	YP/AJ	Ok
16	I.BLK	PO109712.D	07 Mar 2025 13:42	YP/AJ	Ok
17	PB167025BL	PO109713.D	07 Mar 2025 14:00	YP/AJ	Ok
18	PB167025BS	PO109714.D	07 Mar 2025 14:19	YP/AJ	Ok
19	Q1509-01	PO109715.D	07 Mar 2025 14:37	YP/AJ	Ok,M
20	Q1509-02	PO109716.D	07 Mar 2025 14:56	YP/AJ	Ok,M
21	Q1520-01	PO109717.D	07 Mar 2025 15:14	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1520-02	PO109718.D	07 Mar 2025 15:32	YP/AJ	Ok,M
23	Q1520-03	PO109719.D	07 Mar 2025 15:51	YP/AJ	Ok,M
24	Q1520-04	PO109720.D	07 Mar 2025 16:09	YP/AJ	Ok,M
25	Q1520-05	PO109721.D	07 Mar 2025 16:28	YP/AJ	Ok,M
26	Q1520-06	PO109722.D	07 Mar 2025 16:46	YP/AJ	Ok,M
27	AR1660CCC500	PO109723.D	07 Mar 2025 17:33	YP/AJ	Ok
28	AR1242CCC500	PO109724.D	07 Mar 2025 17:50	YP/AJ	Ok
29	AR1248CCC500	PO109725.D	07 Mar 2025 18:08	YP/AJ	Ok
30	AR1254CCC500	PO109726.D	07 Mar 2025 18:27	YP/AJ	Ok
31	I.BLK	PO109727.D	07 Mar 2025 18:45	YP/AJ	Ok
32	PB167028BL	PO109728.D	07 Mar 2025 19:04	YP/AJ	Ok
33	PB167028BS	PO109729.D	07 Mar 2025 19:22	YP/AJ	Ok
34	PB167028BSD	PO109730.D	07 Mar 2025 19:40	YP/AJ	Ok
35	Q1514-07	PO109731.D	07 Mar 2025 19:59	YP/AJ	Ok,M
36	Q1514-08	PO109732.D	07 Mar 2025 20:17	YP/AJ	Ok
37	Q1514-09	PO109733.D	07 Mar 2025 20:35	YP/AJ	Ok
38	Q1516-03	PO109734.D	07 Mar 2025 20:54	YP/AJ	Ok
39	Q1517-01	PO109735.D	07 Mar 2025 21:12	YP/AJ	Ok,M
40	Q1434-02DL	PO109736.D	07 Mar 2025 21:31	YP/AJ	Ok,M
41	AR1660CCC500	PO109737.D	07 Mar 2025 22:17	YP/AJ	Ok
42	AR1242CCC500	PO109738.D	07 Mar 2025 22:36	YP/AJ	Ok
43	AR1248CCC500	PO109739.D	07 Mar 2025 22:54	YP/AJ	Ok
44	AR1254CCC500	PO109740.D	07 Mar 2025 23:11	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	I.BLK	PO109741.D	07 Mar 2025 23:30	YP/AJ	Ok
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M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

Review By	yogesh	Review On	2/25/2025 9:00:36 AM
Supervise By	Ankita	Supervise On	2/25/2025 9:48:29 AM
SubDirectory	PP022425	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069994.D	24 Feb 2025 14:27	YP\AJ	Ok
2	I.BLK	PP069995.D	24 Feb 2025 14:43	YP\AJ	Ok
3	AR1660ICC1000	PP069996.D	24 Feb 2025 14:59	YP\AJ	Ok
4	AR1660ICC750	PP069997.D	24 Feb 2025 15:15	YP\AJ	Ok
5	AR1660ICC500	PP069998.D	24 Feb 2025 15:32	YP\AJ	Ok
6	AR1660ICC250	PP069999.D	24 Feb 2025 15:48	YP\AJ	Ok
7	AR1660ICC050	PP070000.D	24 Feb 2025 16:04	YP\AJ	Ok,M
8	AR1221ICC500	PP070001.D	24 Feb 2025 16:20	YP\AJ	Ok,M
9	AR1232ICC500	PP070002.D	24 Feb 2025 16:37	YP\AJ	Ok
10	AR1242ICC1000	PP070003.D	24 Feb 2025 16:53	YP\AJ	Ok
11	AR1242ICC750	PP070004.D	24 Feb 2025 17:09	YP\AJ	Ok,M
12	AR1242ICC500	PP070005.D	24 Feb 2025 17:25	YP\AJ	Ok
13	AR1242ICC250	PP070006.D	24 Feb 2025 17:42	YP\AJ	Ok,M
14	AR1242ICC050	PP070007.D	24 Feb 2025 17:58	YP\AJ	Ok,M
15	AR1248ICC1000	PP070008.D	24 Feb 2025 18:14	YP\AJ	Ok
16	AR1248ICC750	PP070009.D	24 Feb 2025 18:30	YP\AJ	Ok
17	AR1248ICC500	PP070010.D	24 Feb 2025 18:46	YP\AJ	Ok
18	AR1248ICC250	PP070011.D	24 Feb 2025 19:03	YP\AJ	Ok
19	AR1248ICC050	PP070012.D	24 Feb 2025 19:19	YP\AJ	Ok,M
20	AR1254ICC1000	PP070013.D	24 Feb 2025 19:35	YP\AJ	Ok,M
21	AR1254ICC750	PP070014.D	24 Feb 2025 19:51	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

Review By	yogesh	Review On	2/25/2025 9:00:36 AM
Supervise By	Ankita	Supervise On	2/25/2025 9:48:29 AM
SubDirectory	PP022425	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP070015.D	24 Feb 2025 20:08	YPIAJ	Ok
23	AR1254ICC250	PP070016.D	24 Feb 2025 20:24	YPIAJ	Ok
24	AR1254ICC050	PP070017.D	24 Feb 2025 20:40	YPIAJ	Ok,M
25	AR1262ICC500	PP070018.D	24 Feb 2025 20:56	YPIAJ	Ok
26	AR1268ICC1000	PP070019.D	24 Feb 2025 21:12	YPIAJ	Ok
27	AR1268ICC750	PP070020.D	24 Feb 2025 21:29	YPIAJ	Ok,M
28	AR1268ICC500	PP070021.D	24 Feb 2025 21:45	YPIAJ	Ok
29	AR1268ICC250	PP070022.D	24 Feb 2025 22:01	YPIAJ	Ok,M
30	AR1268ICC050	PP070023.D	24 Feb 2025 22:17	YPIAJ	Ok,M
31	PP022425ICV500	PP070024.D	24 Feb 2025 22:34	YPIAJ	Ok
32	AR1242ICV500	PP070025.D	24 Feb 2025 22:50	YPIAJ	Ok
33	AR1248ICV500	PP070026.D	24 Feb 2025 23:06	YPIAJ	Ok
34	AR1254ICV500	PP070027.D	24 Feb 2025 23:22	YPIAJ	Ok
35	AR1268ICV500	PP070028.D	24 Feb 2025 23:38	YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP070337.D	07 Mar 2025 08:41	YP\AJ	Ok
2	AR1660CCC500	PP070338.D	07 Mar 2025 08:57	YP\AJ	Ok
3	I.BLK	PP070339.D	07 Mar 2025 09:15	YP\AJ	Ok
4	Q1434-10DL	PP070340.D	07 Mar 2025 09:32	YP\AJ	Ok,M
5	Q1436-02DL	PP070341.D	07 Mar 2025 09:48	YP\AJ	Ok,M
6	Q1436-08DL	PP070342.D	07 Mar 2025 10:04	YP\AJ	Dilution
7	Q1436-08DL2	PP070343.D	07 Mar 2025 10:20	YP\AJ	Ok,M
8	AR1660CCC500	PP070344.D	07 Mar 2025 10:58	YP\AJ	Ok
9	AR1242CCC500	PP070345.D	07 Mar 2025 11:14	YP\AJ	Ok
10	AR1248CCC500	PP070346.D	07 Mar 2025 11:31	YP\AJ	Ok
11	AR1254CCC500	PP070347.D	07 Mar 2025 11:47	YP\AJ	Ok,M
12	I.BLK	PP070348.D	07 Mar 2025 12:03	YP\AJ	Ok
13	PB167005BL	PP070349.D	07 Mar 2025 12:19	YP\AJ	Ok
14	Q1472-01	PP070350.D	07 Mar 2025 12:36	YP\AJ	Ok,M
15	Q1437-01DL	PP070351.D	07 Mar 2025 12:52	YP\AJ	Ok,M
16	Q1437-04DL	PP070352.D	07 Mar 2025 13:08	YP\AJ	Dilution
17	Q1437-04DL2	PP070353.D	07 Mar 2025 13:24	YP\AJ	Ok,M
18	PB167029BL	PP070354.D	07 Mar 2025 13:41	YP\AJ	Ok
19	PB167029BS	PP070355.D	07 Mar 2025 13:57	YP\AJ	Ok
20	Q1437-02	PP070356.D	07 Mar 2025 14:13	YP\AJ	Ok,M
21	Q1437-05	PP070357.D	07 Mar 2025 14:29	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1437-08	PP070358.D	07 Mar 2025 14:46	YP\AJ	Ok,M
23	AR1660CCC500	PP070359.D	07 Mar 2025 15:45	YP\AJ	Ok
24	AR1242CCC500	PP070360.D	07 Mar 2025 16:01	YP\AJ	Ok,M
25	AR1248CCC500	PP070361.D	07 Mar 2025 16:18	YP\AJ	Ok,M
26	AR1254CCC500	PP070362.D	07 Mar 2025 16:34	YP\AJ	Ok,M
27	I.BLK	PP070363.D	07 Mar 2025 16:50	YP\AJ	Ok
28	Q1438-01	PP070364.D	07 Mar 2025 17:06	YP\AJ	Ok,M
29	Q1438-09	PP070365.D	07 Mar 2025 17:23	YP\AJ	Ok,M
30	Q1507-01	PP070366.D	07 Mar 2025 17:39	YP\AJ	Ok,M
31	Q1508-01	PP070367.D	07 Mar 2025 17:55	YP\AJ	Ok,M
32	Q1508-01MS	PP070368.D	07 Mar 2025 18:11	YP\AJ	Ok,M
33	Q1508-01MSD	PP070369.D	07 Mar 2025 18:27	YP\AJ	Ok,M
34	Q1514-01	PP070370.D	07 Mar 2025 18:44	YP\AJ	Ok
35	Q1514-03	PP070371.D	07 Mar 2025 19:00	YP\AJ	Ok,M
36	Q1514-05	PP070372.D	07 Mar 2025 19:16	YP\AJ	Ok,M
37	Q1515-01	PP070373.D	07 Mar 2025 19:32	YP\AJ	Ok,M
38	AR1660CCC500	PP070374.D	07 Mar 2025 20:32	YP\AJ	Ok,M
39	AR1242CCC500	PP070375.D	07 Mar 2025 20:48	YP\AJ	Ok,M
40	AR1248CCC500	PP070376.D	07 Mar 2025 21:04	YP\AJ	Ok,M
41	AR1254CCC500	PP070377.D	07 Mar 2025 21:21	YP\AJ	Ok,M
42	I.BLK	PP070378.D	07 Mar 2025 21:37	YP\AJ	Ok,M
43	Q1516-01	PP070379.D	07 Mar 2025 21:53	YP\AJ	Ok,M
44	Q1516-02	PP070380.D	07 Mar 2025 22:09	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	Q1518-01	PP070381.D	07 Mar 2025 22:26	YP\AJ	Ok
46	Q1510-01	PP070382.D	07 Mar 2025 22:42	YP\AJ	Ok,M
47	Q1510-02	PP070383.D	07 Mar 2025 22:58	YP\AJ	Ok,M
48	AR1660CCC500	PP070384.D	07 Mar 2025 23:58	YP\AJ	Ok
49	AR1242CCC500	PP070385.D	08 Mar 2025 00:14	YP\AJ	Ok,M
50	AR1248CCC500	PP070386.D	08 Mar 2025 00:30	YP\AJ	Ok,M
51	AR1254CCC500	PP070387.D	08 Mar 2025 00:46	YP\AJ	Ok
52	I.BLK	PP070388.D	08 Mar 2025 01:03	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM
SubDirectory	PO022025	HP Acquire Method	HP Processing Method PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO109424.D	20 Feb 2025 16:09		YP/AJ	Ok
2	I.BLK	I.BLK	PO109425.D	20 Feb 2025 16:28		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO109426.D	20 Feb 2025 16:46		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO109427.D	20 Feb 2025 17:04		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO109428.D	20 Feb 2025 17:23		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO109429.D	20 Feb 2025 17:41		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO109430.D	20 Feb 2025 17:59		YP/AJ	Ok
8	AR1221ICC500	AR1221ICC500	PO109431.D	20 Feb 2025 18:18		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO109432.D	20 Feb 2025 18:36		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO109433.D	20 Feb 2025 18:55		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO109434.D	20 Feb 2025 19:13		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO109435.D	20 Feb 2025 19:31		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO109436.D	20 Feb 2025 19:50		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO109437.D	20 Feb 2025 20:08		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO109438.D	20 Feb 2025 20:26		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO109439.D	20 Feb 2025 20:45		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO109440.D	20 Feb 2025 21:03		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO109441.D	20 Feb 2025 21:21		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO022025

Review By	yogesh	Review On	2/21/2025 8:09:53 AM
Supervise By	Ankita	Supervise On	2/21/2025 9:30:37 AM
SubDirectory	PO022025	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PO109442.D	20 Feb 2025 21:40		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO109443.D	20 Feb 2025 21:58		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO109444.D	20 Feb 2025 22:17		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO109445.D	20 Feb 2025 22:35		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO109446.D	20 Feb 2025 22:53		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO109447.D	20 Feb 2025 23:12		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO109448.D	20 Feb 2025 23:30		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO109449.D	20 Feb 2025 23:48		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO109450.D	21 Feb 2025 00:07		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO109451.D	21 Feb 2025 00:25		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO109452.D	21 Feb 2025 00:43		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO109453.D	21 Feb 2025 01:02		YP/AJ	Ok
31	PO022025ICV500	ICVPO022025	PO109454.D	21 Feb 2025 01:20		YP/AJ	Ok
32	AR1242ICV500	ICVPO022025AR1242	PO109455.D	21 Feb 2025 01:38		YP/AJ	Ok
33	AR1248ICV500	ICVPO022025AR1248	PO109456.D	21 Feb 2025 01:57		YP/AJ	Ok
34	AR1254ICV500	ICVPO022025AR1254	PO109457.D	21 Feb 2025 02:15		YP/AJ	Ok
35	AR1268ICV500	ICVPO022025AR1268	PO109458.D	21 Feb 2025 02:34		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method PO022025

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO109697.D	07 Mar 2025 08:40		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO109698.D	07 Mar 2025 08:58		YP/AJ	Ok
3	I.BLK	I.BLK	PO109699.D	07 Mar 2025 09:17		YP/AJ	Ok
4	Q1437-07DL	K084-13BDL	PO109700.D	07 Mar 2025 09:36	AR1254 + AR1268 Hit	YP/AJ	Ok
5	Q1438-03DL	K084-15CDL	PO109701.D	07 Mar 2025 09:55	AR1254 + AR1268 Hit, All Surrogate Fai	YP/AJ	Ok
6	Q1438-05DL	K084-16CDL	PO109702.D	07 Mar 2025 10:12	AR1254 + AR1268 Hit, DCB High in both column, TCMX high in 2nd column	YP/AJ	Ok
7	Q1433-06DL	K084-2CDL	PO109703.D	07 Mar 2025 10:29	AR1254 + AR1268 Hit	YP/AJ	Ok
8	Q1433-09DL	K084-3CDL	PO109704.D	07 Mar 2025 10:48	AR1254 + AR1268 Hit	YP/AJ	Ok
9	Q1434-02DL	K084-4CDL	PO109705.D	07 Mar 2025 11:06	Reanalyzed in this sequence	YP/AJ	Not Ok
10	Q1434-05DL	K084-5CDL	PO109706.D	07 Mar 2025 11:24	AR1254 + AR1268 Hit, TCMX High in both column	YP/AJ	Ok
11	Q1434-07DL	K084-6CDL	PO109707.D	07 Mar 2025 11:43	AR1254 + AR1268 Hit, DCB High in both column	YP/AJ	Ok
12	AR1660CCC500	AR1660CCC500	PO109708.D	07 Mar 2025 12:30		YP/AJ	Ok
13	AR1242CCC500	AR1242CCC500	PO109709.D	07 Mar 2025 12:48		YP/AJ	Ok
14	AR1248CCC500	AR1248CCC500	PO109710.D	07 Mar 2025 13:05		YP/AJ	Ok
15	AR1254CCC500	AR1254CCC500	PO109711.D	07 Mar 2025 13:24		YP/AJ	Ok
16	I.BLK	I.BLK	PO109712.D	07 Mar 2025 13:42		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

17	PB167025BL	PB167025BL	PO109713.D	07 Mar 2025 14:00		YP/AJ	Ok
18	PB167025BS	PB167025BS	PO109714.D	07 Mar 2025 14:19		YP/AJ	Ok
19	Q1509-01	HIH088X-1-1	PO109715.D	07 Mar 2025 14:37	AR1254 Hit	YP/AJ	Ok,M
20	Q1509-02	HIH088X-1-2	PO109716.D	07 Mar 2025 14:56	AR1254 hit	YP/AJ	Ok,M
21	Q1520-01	BC248121-1-1	PO109717.D	07 Mar 2025 15:14	AR1254 hit	YP/AJ	Ok,M
22	Q1520-02	BC248121-1-2	PO109718.D	07 Mar 2025 15:32		YP/AJ	Ok,M
23	Q1520-03	BC260492-1-1	PO109719.D	07 Mar 2025 15:51		YP/AJ	Ok,M
24	Q1520-04	BC260492-1-2	PO109720.D	07 Mar 2025 16:09		YP/AJ	Ok,M
25	Q1520-05	JEH488H-1-1	PO109721.D	07 Mar 2025 16:28		YP/AJ	Ok,M
26	Q1520-06	JEH488H-1-2	PO109722.D	07 Mar 2025 16:46		YP/AJ	Ok,M
27	AR1660CCC500	AR1660CCC500	PO109723.D	07 Mar 2025 17:33		YP/AJ	Ok
28	AR1242CCC500	AR1242CCC500	PO109724.D	07 Mar 2025 17:50		YP/AJ	Ok
29	AR1248CCC500	AR1248CCC500	PO109725.D	07 Mar 2025 18:08		YP/AJ	Ok
30	AR1254CCC500	AR1254CCC500	PO109726.D	07 Mar 2025 18:27		YP/AJ	Ok
31	I.BLK	I.BLK	PO109727.D	07 Mar 2025 18:45		YP/AJ	Ok
32	PB167028BL	PB167028BL	PO109728.D	07 Mar 2025 19:04		YP/AJ	Ok
33	PB167028BS	PB167028BS	PO109729.D	07 Mar 2025 19:22		YP/AJ	Ok
34	PB167028BSD	PB167028BSD	PO109730.D	07 Mar 2025 19:40		YP/AJ	Ok
35	Q1514-07	ENV-105-GW01	PO109731.D	07 Mar 2025 19:59		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030725

Review By	yogesh	Review On	3/10/2025 10:54:39 AM
Supervise By	Ankita	Supervise On	3/10/2025 10:55:05 AM
SubDirectory	PO030725	HP Acquire Method	HP Processing Method PO022025
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

36	Q1514-08	ENV-103-GW01	PO109732.D	07 Mar 2025 20:17		YP/AJ	Ok
37	Q1514-09	FB03062025	PO109733.D	07 Mar 2025 20:35		YP/AJ	Ok
38	Q1516-03	GAS-AUD-25-0026	PO109734.D	07 Mar 2025 20:54		YP/AJ	Ok
39	Q1517-01	MOO-25-0062	PO109735.D	07 Mar 2025 21:12		YP/AJ	Ok,M
40	Q1434-02DL	K084-4CDL	PO109736.D	07 Mar 2025 21:31	AR1254 + AR1268 Hit	YP/AJ	Ok,M
41	AR1660CCC500	AR1660CCC500	PO109737.D	07 Mar 2025 22:17		YP/AJ	Ok
42	AR1242CCC500	AR1242CCC500	PO109738.D	07 Mar 2025 22:36		YP/AJ	Ok
43	AR1248CCC500	AR1248CCC500	PO109739.D	07 Mar 2025 22:54		YP/AJ	Ok
44	AR1254CCC500	AR1254CCC500	PO109740.D	07 Mar 2025 23:11		YP/AJ	Ok
45	I.BLK	I.BLK	PO109741.D	07 Mar 2025 23:30		YP/AJ	Ok

M : Manual Integration

A
B
C
D
E
F
G
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I
J
K
L

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

Review By	yogesh	Review On	2/25/2025 9:00:36 AM
Supervise By	Ankita	Supervise On	2/25/2025 9:48:29 AM
SubDirectory	PP022425	HP Acquire Method	HP Processing Method PP022425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069994.D	24 Feb 2025 14:27		YP\AJ	Ok
2	I.BLK	I.BLK	PP069995.D	24 Feb 2025 14:43		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP069996.D	24 Feb 2025 14:59		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP069997.D	24 Feb 2025 15:15		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP069998.D	24 Feb 2025 15:32		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP069999.D	24 Feb 2025 15:48		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP070000.D	24 Feb 2025 16:04		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP070001.D	24 Feb 2025 16:20		YP\AJ	Ok,M
9	AR1232ICC500	AR1232ICC500	PP070002.D	24 Feb 2025 16:37		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP070003.D	24 Feb 2025 16:53		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP070004.D	24 Feb 2025 17:09		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP070005.D	24 Feb 2025 17:25		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP070006.D	24 Feb 2025 17:42		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP070007.D	24 Feb 2025 17:58		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP070008.D	24 Feb 2025 18:14		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP070009.D	24 Feb 2025 18:30		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP070010.D	24 Feb 2025 18:46		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP070011.D	24 Feb 2025 19:03		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

Review By	yogesh	Review On	2/25/2025 9:00:36 AM
Supervise By	Ankita	Supervise On	2/25/2025 9:48:29 AM
SubDirectory	PP022425	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP070012.D	24 Feb 2025 19:19		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP070013.D	24 Feb 2025 19:35		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP070014.D	24 Feb 2025 19:51		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP070015.D	24 Feb 2025 20:08		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP070016.D	24 Feb 2025 20:24		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP070017.D	24 Feb 2025 20:40		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP070018.D	24 Feb 2025 20:56		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP070019.D	24 Feb 2025 21:12		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP070020.D	24 Feb 2025 21:29		YPIAJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP070021.D	24 Feb 2025 21:45		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP070022.D	24 Feb 2025 22:01		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP070023.D	24 Feb 2025 22:17		YPIAJ	Ok,M
31	PP022425ICV500	ICVPP022425	PP070024.D	24 Feb 2025 22:34		YPIAJ	Ok
32	AR1242ICV500	ICVPP022425AR1242	PP070025.D	24 Feb 2025 22:50		YPIAJ	Ok
33	AR1248ICV500	ICVPP022425AR1248	PP070026.D	24 Feb 2025 23:06		YPIAJ	Ok
34	AR1254ICV500	ICVPP022425AR1254	PP070027.D	24 Feb 2025 23:22		YPIAJ	Ok
35	AR1268ICV500	ICVPP022425AR1268	PP070028.D	24 Feb 2025 23:38		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP070337.D	07 Mar 2025 08:41		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP070338.D	07 Mar 2025 08:57		YP\AJ	Ok
3	I.BLK	I.BLK	PP070339.D	07 Mar 2025 09:15		YP\AJ	Ok
4	Q1434-10DL	K084-7CDL	PP070340.D	07 Mar 2025 09:32	AR1254 + AR1268 Hit	YP\AJ	Ok,M
5	Q1436-02DL	K084-8BDL	PP070341.D	07 Mar 2025 09:48	AR1254 + AR1268 Hit	YP\AJ	Ok,M
6	Q1436-08DL	K084-10BDL	PP070342.D	07 Mar 2025 10:04	AR1254 + AR1268 Hit, Need dilution	YP\AJ	Dilution
7	Q1436-08DL2	K084-10BDL2	PP070343.D	07 Mar 2025 10:20	AR1254 + AR1268 Hit	YP\AJ	Ok,M
8	AR1660CCC500	AR1660CCC500	PP070344.D	07 Mar 2025 10:58		YP\AJ	Ok
9	AR1242CCC500	AR1242CCC500	PP070345.D	07 Mar 2025 11:14		YP\AJ	Ok
10	AR1248CCC500	AR1248CCC500	PP070346.D	07 Mar 2025 11:31		YP\AJ	Ok
11	AR1254CCC500	AR1254CCC500	PP070347.D	07 Mar 2025 11:47		YP\AJ	Ok,M
12	I.BLK	I.BLK	PP070348.D	07 Mar 2025 12:03		YP\AJ	Ok
13	PB167005BL	PB167005BL	PP070349.D	07 Mar 2025 12:19		YP\AJ	Ok
14	Q1472-01	40308	PP070350.D	07 Mar 2025 12:36	TCMX High 2nd column	YP\AJ	Ok,M
15	Q1437-01DL	K084-11BDL	PP070351.D	07 Mar 2025 12:52	AR1254 + AR1268 Hit, DCB High in both column, TCMX high in 2nd column	YP\AJ	Ok,M
16	Q1437-04DL	K084-12BDL	PP070352.D	07 Mar 2025 13:08	AR1254 + AR1268 Hit, Need dilution 20x	YP\AJ	Dilution

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

17	Q1437-04DL2	K084-12BDL2	PP070353.D	07 Mar 2025 13:24	AR1254 + AR1268 Hit, All Surrogate High	YPIAJ	Ok,M
18	PB167029BL	PB167029BL	PP070354.D	07 Mar 2025 13:41		YPIAJ	Ok
19	PB167029BS	PB167029BS	PP070355.D	07 Mar 2025 13:57		YPIAJ	Ok
20	Q1437-02	K084-11C	PP070356.D	07 Mar 2025 14:13	AR1254 + AR1268 Hit,	YPIAJ	Ok,M
21	Q1437-05	K084-12C	PP070357.D	07 Mar 2025 14:29	AR1254 + AR1268 Hit	YPIAJ	Ok
22	Q1437-08	K084-13C	PP070358.D	07 Mar 2025 14:46	AR1254 + AR1268 Hit	YPIAJ	Ok,M
23	AR1660CCC500	AR1660CCC500	PP070359.D	07 Mar 2025 15:45		YPIAJ	Ok
24	AR1242CCC500	AR1242CCC500	PP070360.D	07 Mar 2025 16:01		YPIAJ	Ok,M
25	AR1248CCC500	AR1248CCC500	PP070361.D	07 Mar 2025 16:18		YPIAJ	Ok,M
26	AR1254CCC500	AR1254CCC500	PP070362.D	07 Mar 2025 16:34		YPIAJ	Ok,M
27	I.BLK	I.BLK	PP070363.D	07 Mar 2025 16:50		YPIAJ	Ok
28	Q1438-01	K084-14C	PP070364.D	07 Mar 2025 17:06	AR1254 + AR1268 Hit	YPIAJ	Ok,M
29	Q1438-09	K084-DUP4	PP070365.D	07 Mar 2025 17:23	AR1254 Hit	YPIAJ	Ok,M
30	Q1507-01	50-MIDDLESEX-AVE	PP070366.D	07 Mar 2025 17:39	AR1254 Hit	YPIAJ	Ok,M
31	Q1508-01	RBR251372	PP070367.D	07 Mar 2025 17:55	AR1254 Hit	YPIAJ	Ok,M
32	Q1508-01MS	RBR251372MS	PP070368.D	07 Mar 2025 18:11		YPIAJ	Ok,M
33	Q1508-01MSD	RBR251372MSD	PP070369.D	07 Mar 2025 18:27		YPIAJ	Ok,M
34	Q1514-01	ENV-105-SB01	PP070370.D	07 Mar 2025 18:44		YPIAJ	Ok
35	Q1514-03	ENV-105-SB02	PP070371.D	07 Mar 2025 19:00		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030725

Review By	yogesh	Review On	3/7/2025 1:29:40 PM
Supervise By	Ankita	Supervise On	3/10/2025 11:00:00 AM
SubDirectory	PP030725	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

36	Q1514-05	ENV-103-SB01	PP070372.D	07 Mar 2025 19:16	AR1254 + AR1260 Hit	YPIAJ	Ok,M
37	Q1515-01	AU-06-030625	PP070373.D	07 Mar 2025 19:32		YPIAJ	Ok,M
38	AR1660CCC500	AR1660CCC500	PP070374.D	07 Mar 2025 20:32		YPIAJ	Ok,M
39	AR1242CCC500	AR1242CCC500	PP070375.D	07 Mar 2025 20:48		YPIAJ	Ok,M
40	AR1248CCC500	AR1248CCC500	PP070376.D	07 Mar 2025 21:04		YPIAJ	Ok,M
41	AR1254CCC500	AR1254CCC500	PP070377.D	07 Mar 2025 21:21		YPIAJ	Ok,M
42	I.BLK	I.BLK	PP070378.D	07 Mar 2025 21:37		YPIAJ	Ok,M
43	Q1516-01	GAS-AUD-25-0004	PP070379.D	07 Mar 2025 21:53	AR1254 Hit	YPIAJ	Ok,M
44	Q1516-02	GAS-AUD-25-0025	PP070380.D	07 Mar 2025 22:09		YPIAJ	Ok,M
45	Q1518-01	OILY-DEBRIS-COMP	PP070381.D	07 Mar 2025 22:26		YPIAJ	Ok
46	Q1510-01	FMC-25-0001-0005	PP070382.D	07 Mar 2025 22:42	DCB High in 2nd column	YPIAJ	Ok,M
47	Q1510-02	FMC-25-0006	PP070383.D	07 Mar 2025 22:58	DCB High in 2nd column,	YPIAJ	Ok,M
48	AR1660CCC500	AR1660CCC500	PP070384.D	07 Mar 2025 23:58		YPIAJ	Ok
49	AR1242CCC500	AR1242CCC500	PP070385.D	08 Mar 2025 00:14		YPIAJ	Ok,M
50	AR1248CCC500	AR1248CCC500	PP070386.D	08 Mar 2025 00:30		YPIAJ	Ok,M
51	AR1254CCC500	AR1254CCC500	PP070387.D	08 Mar 2025 00:46		YPIAJ	Ok
52	I.BLK	I.BLK	PP070388.D	08 Mar 2025 01:03		YPIAJ	Ok

M : Manual Integration

SOP ID: M3510C,3580A-Extraction PCB-14

Clean Up SOP #: Acid Cleanup **Extraction Start Date :** 03/07/2025

Matrix : Water **Extraction Start Time :** 09:15

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 03/07/2025

Balance check: N/A **Filter By:** RS **Extraction End Time :** 14:00

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** EH

pH Strip Lot#: E3880 **Hood ID:** 4,6,7 **Supervisor By :** RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24209
Surrogate	1.0ML	200 PPB	PP24217
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3878
Baked Na2SO4	N/A	EP2590
Hexane	N/A	E3877
H2SO4 1:1	N/A	EP2565
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS721. Q1514-09 Limited volume received & Q1517-01 used Limited volume as sample is oily.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

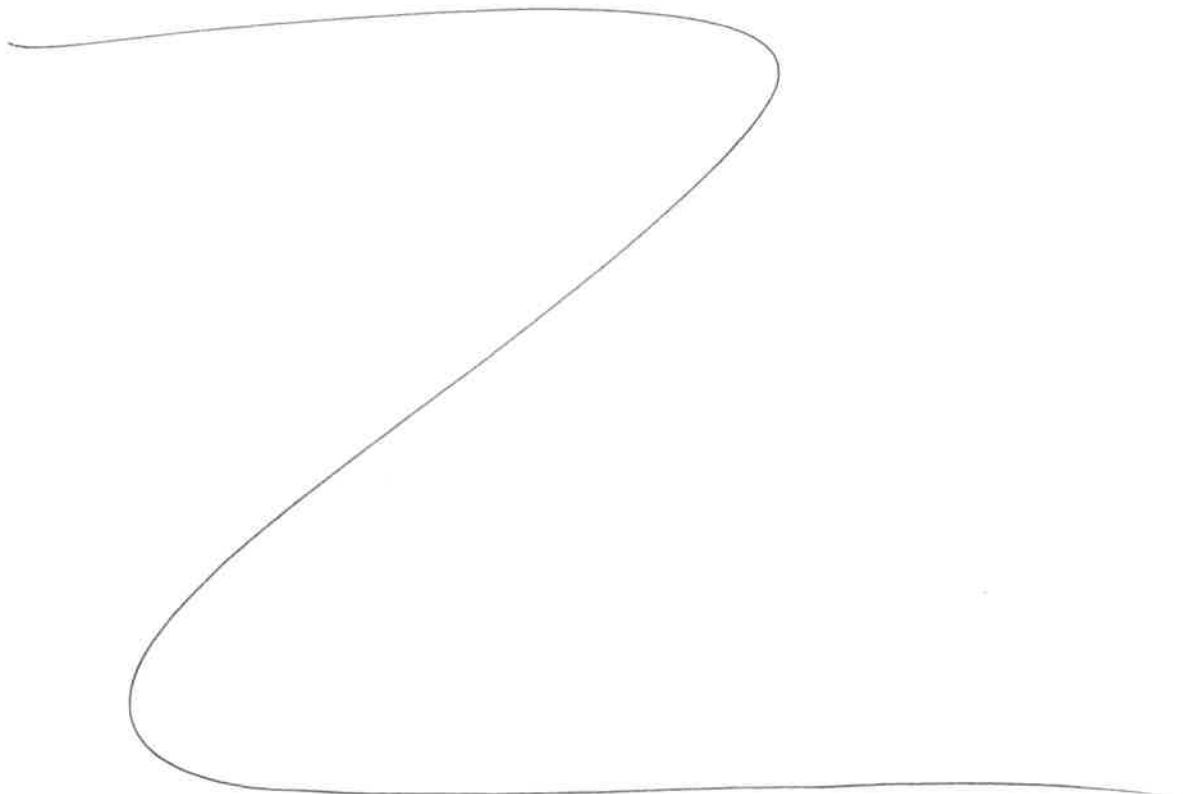
KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/7/25	RS (Ext Lab)	Y-P-PRSTIPCB
14:05	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction PCB-14

Concentration Date: 03/07/2025

Sample ID	Client Sample ID	Test	g / <u>mL</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167028BL	ABLK028	PCB	1000	6	RUPEsh	ritesh	10			SEP-1
PB167028BS	ALCS028	PCB	1000	6	RUPEsh	ritesh	10			2
PB167028BS D	ALCSD028	PCB	1000	6	RUPEsh	ritesh	10			3
Q1514-07	ENV-105-GW01	PCB	970	6	RUPEsh	ritesh	10	H		4
Q1514-08	ENV-103-GW01	PCB	980	6	RUPEsh	ritesh	10	H		5
Q1514-09	FB03062025	PCB	380	6	RUPEsh	ritesh	5	G		6
Q1516-03	GAS-AUD-25-0026	PCB	950	6	RUPEsh	ritesh	10	E		7
Q1517-01	MOO-25-0062	PCB	100	6	RUPEsh	ritesh	10	E		8



RS
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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1517 WorkList ID : 188099 Department : Extraction Date : 03-07-2025 08:16:30

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1514-07	ENV-105-GW01	Water	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1514-08	ENV-103-GW01	Water	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1514-09	FB03062025	Water	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1516-03	GAS-AUD-25-0026	Water	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1517-01	MOO-25-0062	Water	PCB	Cool 4 deg C	PSEG03	I31	03/06/2025	8082A

Date/Time 3/7/25 9:10
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: OP SN

Date/Time 3/7/25 9:40
Raw Sample Received by: OP SN
Raw Sample Relinquished by: RS (Ext Lab)

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Welgh By: EH **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Extraction Start Date : 03/07/2025

Extraction Start Time : 08:25

Extraction End Date : 03/07/2025

Extraction End Time : 11:30

Concentration By: EH

Supervisor By : RUPESH

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24209
Surrogate	1.0ML	200 PPB	PP24217
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2592
Baked Na2SO4	N/A	EP2590
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2565
Hexane	N/A	E3877
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721. Q1510-01,02 used Limited volume as samples are Oily debris & Oil.

KD Bath ID: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/7/25	RS (Ext Lab)	T-P Pest-IPCL
11:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 03/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167029BL	ABLK029	PCB Group1	30.01	N/A	ritesh	Evelyn	10			U6-1
PB167029BS	ALCS029	PCB Group1	30.03	N/A	ritesh	Evelyn	10			2
Q1437-02	K084-11C	PCB Group1	30.07	N/A	ritesh	Evelyn	10			3
Q1437-05	K084-12C	PCB Group1	30.03	N/A	ritesh	Evelyn	10			4
Q1437-08	K084-13C	PCB Group1	30.05	N/A	ritesh	Evelyn	10			5
Q1438-01	K084-14C	PCB Group1	30.02	N/A	ritesh	Evelyn	10			6
Q1438-09	K084-DUP4	PCB Group1	30.08	N/A	ritesh	Evelyn	10			U3-1
Q1507-01	50-MIDDLESEX-AVE	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q1508-01	RBR251372	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q1508-01MS	RBR251372MS	PCB	30.05	N/A	ritesh	Evelyn	10	E		4
Q1508-01MS D	RBR251372MSD	PCB	30.04	N/A	ritesh	Evelyn	10	E		5
Q1510-01	FMC-25-0001-0005	PCB	5.07	N/A	ritesh	Evelyn	10	E	Oily Debris+S. Particles	6
Q1510-02	FMC-25-0006	PCB	1.03	N/A	ritesh	Evelyn	10	A	Oil	
Q1514-01	ENV-105-SB01	PCB	30.03	N/A	ritesh	Evelyn	10	E		U2-1
Q1514-03	ENV-105-SB02	PCB	30.05	N/A	ritesh	Evelyn	10	E		2
Q1514-05	ENV-103-SB01	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q1515-01	AU-06-030625	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
Q1516-01	GAS-AUD-25-0004	PCB	30.02	N/A	ritesh	Evelyn	10	B	Small Particles	5
Q1516-02	GAS-AUD-25-0025	PCB	30.01	N/A	ritesh	Evelyn	10	B	Small Particles	6
Q1518-01	OILY-DEBRIS-COMP	PCB	30.07	N/A	ritesh	Evelyn	10	E		U7-1

* Extracts relinquished on the same date as received.

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1507 WorkList ID : 188098 Department : Extraction Date : 03-07-2025 08:16:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1437-02	K084-11C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-05	K084-12C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1437-08	K084-13C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-01	K084-14C	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1438-09	K084-DUP4	Solid	PCB Group1	Cool 4 deg C	ATCE02	H11	02/25/2025	8082A
Q1507-01	50-MIDDLESEX-AVE	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1508-01	RBR251372	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1510-01	FMC-25-0001-0005	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1510-02	FMC-25-0006	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1514-01	ENV-105-SB01	Solid	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1514-03	ENV-105-SB02	Solid	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1514-05	ENV-103-SB01	Solid	PCB	Cool 4 deg C	PORT06	I31	03/05/2025	8082A
Q1515-01	AU-06-030625	Solid	PCB	Cool 4 deg C	PSEG05	I21	03/06/2025	8082A
Q1516-01	GAS-AUD-25-0004	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1516-02	GAS-AUD-25-0025	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A
Q1518-01	OILY-DEBRIS-COMP	Solid	PCB	Cool 4 deg C	PSEG03	I21	03/06/2025	8082A

Date/Time 3/7/25 8:20
Raw Sample Received by: RJ (Ext 106)
Raw Sample Relinquished by: [Signature]

Date/Time 3/7/25 8:50
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RJ (Ext. 106)

LAB CHRONICLE

OrderID:	Q1514	OrderDate:	3/6/2025 2:08:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	I31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1514-01	ENV-105-SB01	SOIL	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
Q1514-03	ENV-105-SB02	SOIL	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
Q1514-05	ENV-103-SB01	SOIL	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
Q1514-07	ENV-105-GW01	WATER	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
Q1514-08	ENV-103-GW01	WATER	PCB	8082A	03/05/25	03/07/25	03/07/25	03/06/25
Q1514-09	FB03062025	WATER	PCB	8082A	03/06/25	03/07/25	03/07/25	03/06/25