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Hit Summary Sheet
SW-846

SDG No.:

Q1488

Order ID:

Q1488

Client:

Portal Partners Tri-Venture

Project ID:

Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				Total Concentration:	0.000			



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.5
Sample Wt/Vol:	30.09	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
PP070272.D	1	03/05/25 09:10	03/05/25 17:08	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.80	U	3.80	19.2	ug/kg
11104-28-2	Aroclor-1221	7.20	U	7.20	19.2	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	19.2	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	19.2	ug/kg
12672-29-6	Aroclor-1248	8.90	U	8.90	19.2	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.2	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	19.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.2	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.5		30 (32) - 150 (144)	127%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		30 (32) - 150 (175)	104%	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:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.6
Sample Wt/Vol:	30.01	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
PP070273.D	1	03/05/25 09:10	03/05/25 17:25	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.8	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.8	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	18.8	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.8	ug/kg
12672-29-6	Aroclor-1248	8.70	U	8.70	18.8	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.8	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.8	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.8	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	18.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.3		30 (32) - 150 (144)	136%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		30 (32) - 150 (175)	113%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.7
Sample Wt/Vol:	30.08	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
PP070281.D	1	03/05/25 09:10	03/05/25 20:08	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	19.8	ug/kg
11104-28-2	Aroclor-1221	7.50	U	7.50	19.8	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	19.8	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.8	ug/kg
12672-29-6	Aroclor-1248	9.20	U	9.20	19.8	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	19.8	ug/kg
37324-23-5	Aroclor-1262	5.30	U	5.30	19.8	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	19.8	ug/kg
11096-82-5	Aroclor-1260	3.40	U	3.40	19.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.8		30 (32) - 150 (144)	129%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		30 (32) - 150 (175)	113%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-102-SB02		SDG No.:	Q1488	
Lab Sample ID:	Q1488-07		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	80.1	Decanted:
Sample Wt/Vol:	30.02	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
PP070282.D	1	03/05/25 09:10	03/05/25 20:24	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	21.2	ug/kg
11104-28-2	Aroclor-1221	8.00	U	8.00	21.2	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	21.2	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	21.2	ug/kg
12672-29-6	Aroclor-1248	9.80	U	9.80	21.2	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	21.2	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	21.2	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	21.2	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	21.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.2		30 (32) - 150 (144)	126%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		30 (32) - 150 (175)	106%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-104-SB01		SDG No.:	Q1488	
Lab Sample ID:	Q1488-09		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	82.6	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
PP070283.D	1	03/05/25 09:10	03/05/25 20:40	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	20.6	ug/kg
11104-28-2	Aroclor-1221	7.70	U	7.70	20.6	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	20.6	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	20.6	ug/kg
12672-29-6	Aroclor-1248	9.50	U	9.50	20.6	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	20.6	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	20.6	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	20.6	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	20.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.4		30 (32) - 150 (144)	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		30 (32) - 150 (175)	80%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-104-SB02		SDG No.:	Q1488	
Lab Sample ID:	Q1488-11		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	81.1	Decanted:
Sample Wt/Vol:	30.08	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
PP070284.D	1	03/05/25 09:10	03/05/25 20:56	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.20	U	4.20	20.9	ug/kg
11104-28-2	Aroclor-1221	7.90	U	7.90	20.9	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	20.9	ug/kg
53469-21-9	Aroclor-1242	4.20	U	4.20	20.9	ug/kg
12672-29-6	Aroclor-1248	9.70	U	9.70	20.9	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	20.9	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	20.9	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.9	ug/kg
11096-82-5	Aroclor-1260	3.60	U	3.60	20.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.5		30 (32) - 150 (144)	123%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		30 (32) - 150 (175)	89%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-102-GW01		SDG No.:	Q1488	
Lab Sample ID:	Q1488-13		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	380	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
PO109670.D	1	03/06/25 09:05	03/06/25 19:15	PB167009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.39	U	0.39	1.30	ug/L
11104-28-2	Aroclor-1221	0.61	U	0.61	1.30	ug/L
11141-16-5	Aroclor-1232	0.97	U	0.97	1.30	ug/L
53469-21-9	Aroclor-1242	0.42	U	0.42	1.30	ug/L
12672-29-6	Aroclor-1248	0.32	U	0.32	1.30	ug/L
11097-69-1	Aroclor-1254	0.29	U	0.29	1.30	ug/L
37324-23-5	Aroclor-1262	0.37	U	0.37	1.30	ug/L
11100-14-4	Aroclor-1268	0.32	U	0.32	1.30	ug/L
11096-82-5	Aroclor-1260	0.39	U	0.39	1.30	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.1		30 (16) - 150 (158)	136%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		30 (10) - 150 (173)	96%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-104-GW01		SDG No.:	Q1488	
Lab Sample ID:	Q1488-14		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	820	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
PO109671.D	1	03/06/25 09:05	03/06/25 19:33	PB167009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.18	U	0.18	0.61	ug/L
11104-28-2	Aroclor-1221	0.28	U	0.28	0.61	ug/L
11141-16-5	Aroclor-1232	0.45	U	0.45	0.61	ug/L
53469-21-9	Aroclor-1242	0.20	U	0.20	0.61	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.61	ug/L
11097-69-1	Aroclor-1254	0.13	U	0.13	0.61	ug/L
37324-23-5	Aroclor-1262	0.17	U	0.17	0.61	ug/L
11100-14-4	Aroclor-1268	0.15	U	0.15	0.61	ug/L
11096-82-5	Aroclor-1260	0.18	U	0.18	0.61	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.1		30 (16) - 150 (158)	135%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		30 (10) - 150 (173)	88%	SPK: 20

Comments:

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QC SUMMARY

Surrogate Summary

SDG No.: **Q1488**

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-PO109666.D	PIBLK-PO109666.D	Tetrachloro-m-xylene	1	20	17.7	89		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	16.1	80		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.9	95		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.8	89		70 (60)	130 (140)
PB167009BL	PB167009BL	Tetrachloro-m-xylene	1	20	22.4	112		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	20.5	102		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	23.7	119		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	21.9	110		30 (10)	150 (173)
PB167009BS	PB167009BS	Tetrachloro-m-xylene	1	20	21.6	108		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	20.6	103		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	22.5	112		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	22.1	110		30 (10)	150 (173)
PB167009BSD	PB167009BSD	Tetrachloro-m-xylene	1	20	21.5	107		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	20.4	102		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	22.3	112		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	22.1	111		30 (10)	150 (173)
Q1488-13	ENV-102-GW01	Tetrachloro-m-xylene	1	20	25.9	129		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	17.6	88		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	27.1	136		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	19.2	96		30 (10)	150 (173)
Q1488-14	ENV-104-GW01	Tetrachloro-m-xylene	1	20	25.9	129		30 (16)	150 (158)
		Decachlorobiphenyl	1	20	16.1	80		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	27.1	135		30 (16)	150 (158)
		Decachlorobiphenyl	2	20	17.6	88		30 (10)	150 (173)
I.BLK-PO109681.D	PIBLK-PO109681.D	Tetrachloro-m-xylene	1	20	18.1	90		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.0	85		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.9	95		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	18.4	92		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-PP070263.D	PIBLK-PP070263.D	Tetrachloro-m-xylene	1	20	20.1	100		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.8	94		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.9	105		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.3	102		70 (60)	130 (140)
PB166985BL	PB166985BL	Tetrachloro-m-xylene	1	20	24.9	125		30 (32)	150 (144)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
PB166985BL	PB166985BL	Decachlorobiphenyl	1	20	22.2	111		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.1	121		30 (32)	150 (144)
PB166985BS	PB166985BS	Decachlorobiphenyl	2	20	23.8	119		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	25.4	127		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	22.5	113		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.1	121		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	23.7	119		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	25.0	125		30 (32)	150 (144)
Q1488-01	ENV-101-SB01	Decachlorobiphenyl	1	20	19.5	97		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	25.5	127		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	20.7	104		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	27.0	135		30 (32)	150 (144)
Q1488-03	ENV-101-SB02	Decachlorobiphenyl	1	20	22.4	112		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	27.3	136		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.7	113		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	21.2	106		70 (60)	130 (140)
I.BLK-PP070278.D	PIBLK-PP070278.D	Decachlorobiphenyl	1	20	19.6	98		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.7	104		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.6	103		70 (60)	130 (140)
		Tetrachloro-m-xylene	1	20	24.9	125		30 (32)	150 (144)
Q1488-03MS	ENV-101-SB02MS	Decachlorobiphenyl	1	20	19.6	98		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	23.8	119		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.1	106		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	26.5	132		30 (32)	150 (144)
Q1488-03MSD	ENV-101-SB02MSD	Decachlorobiphenyl	1	20	22.3	112		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.6	123		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	24.1	121		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	25.6	128		30 (32)	150 (144)
Q1488-05	ENV-102-SB01	Decachlorobiphenyl	1	20	20.7	104		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	25.8	129		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.6	113		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	25.2	126		30 (32)	150 (144)
Q1488-07	ENV-102-SB02	Decachlorobiphenyl	1	20	19.4	97		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.9	125		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.1	106		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	22.3	112		30 (32)	150 (144)
Q1488-09	ENV-104-SB01	Decachlorobiphenyl	1	20	14.1	70		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.4	112		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	15.9	80		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	24.5	123		30 (32)	150 (144)
Q1488-11	ENV-104-SB02	Decachlorobiphenyl	1	20	16.6	83		30 (32)	150 (175)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1488-11	ENV-104-SB02	Tetrachloro-m-xylene	2	20	24.1	120		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	17.7	89		30 (32)	150 (175)
I.BLK-PP070293.D	PIBLK-PP070293.D	Tetrachloro-m-xylene	1	20	21.6	108		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	20.2	101		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.7	109		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.4	107		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP070279.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	ENV-101-SB02MS											
Q1488-03MS	AR1016	183.5	0	188	ug/kg	102				40 (55)	140 (146)	
	AR1260	183.5	0	174	ug/kg	95				40 (31)	140 (146)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP070280.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1488-03MSD	ENV-101-SB02MSD											
	AR1016	183.7	0	193	ug/kg	105		3		40 (55)	140 (146)	30 (20)
	AR1260	183.7	0	183	ug/kg	100		5		40 (31)	140 (146)	30 (20)



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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PO109668.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB167009BS	AR1016	5	5.00	ug/L	100				40 (61)	140 (112)		
	AR1260	5	4.80	ug/L	96				40 (66)	140 (113)		



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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PO109669.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167009BSD	AR1016	5	5.00	ug/L	100	0			40 (61)	140 (112)	20 (20)
	AR1260	5	4.80	ug/L	96	0			40 (66)	140 (113)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: **8082A**

Datafile : PP070265.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166985BS	AR1016	166.6	165	ug/kg	99				40 (71)	140 (120)		
	AR1260	166.6	161	ug/kg	97				40 (65)	140 (130)		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166985BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1488

SAS No.: Q1488 SDG NO.: Q1488

Lab Sample ID: PB166985BL

Lab File ID: PP070264.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/05/2025

Date Analyzed (1): 03/05/2025

Date Analyzed (2): 03/05/2025

Time Analyzed (1): 14:58

Time Analyzed (2): 14:58

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
PB166985BS	PB166985BS	PP070265.D	03/05/2025	03/05/2025
ENV-101-SB01	Q1488-01	PP070272.D	03/05/2025	03/05/2025
ENV-101-SB02	Q1488-03	PP070273.D	03/05/2025	03/05/2025
ENV-101-SB02MS	Q1488-03MS	PP070279.D	03/05/2025	03/05/2025
ENV-101-SB02MSD	Q1488-03MSD	PP070280.D	03/05/2025	03/05/2025
ENV-102-SB01	Q1488-05	PP070281.D	03/05/2025	03/05/2025
ENV-102-SB02	Q1488-07	PP070282.D	03/05/2025	03/05/2025
ENV-104-SB01	Q1488-09	PP070283.D	03/05/2025	03/05/2025
ENV-104-SB02	Q1488-11	PP070284.D	03/05/2025	03/05/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167009BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1488

SAS No.: Q1488 SDG NO.: Q1488

Lab Sample ID: PB167009BL

Lab File ID: PO109667.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/06/2025

Date Analyzed (1): 03/06/2025

Date Analyzed (2): 03/06/2025

Time Analyzed (1): 18:19

Time Analyzed (2): 18:19

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
PB167009BS	PB167009BS	PO109668.D	03/06/2025	03/06/2025
PB167009BSD	PB167009BSD	PO109669.D	03/06/2025	03/06/2025
ENV-102-GW01	Q1488-13	PO109670.D	03/06/2025	03/06/2025
ENV-104-GW01	Q1488-14	PO109671.D	03/06/2025	03/06/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166985BL	SDG No.:	Q1488
Lab Sample ID:	PB166985BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070264.D	1	03/05/25 09:10	03/05/25 14:58	PB166985

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	24.9		30 (32) - 150 (144)	125%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.8		30 (32) - 150 (175)	119%	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:	PB167009BL		SDG No.:	Q1488	
Lab Sample ID:	PB167009BL		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
PO109667.D	1	03/06/25 09:05	03/06/25 18:19	PB167009

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	23.7		30 (16) - 150 (158)	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		30 (10) - 150 (173)	110%	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.:	Q1488	
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:	03/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/06/25
Client Sample ID:	PIBLK-PO109666.D	SDG No.:	Q1488
Lab Sample ID:	I.BLK-PO109666.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
PO109666.D	1		03/06/25	PO030625

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	17.7		70 (60) - 130 (140)	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		70 (60) - 130 (140)	80%	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-PO109681.D		SDG No.:	Q1488	
Lab Sample ID:	I.BLK-PO109681.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
PO109681.D	1		03/07/25	PO030625

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	18.1		70 (60) - 130 (140)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.0		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:	02/24/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	PIBLK-PP069995.D	SDG No.:	Q1488
Lab Sample ID:	I.BLK-PP069995.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
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:	03/05/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/05/25	
Client Sample ID:	PIBLK-PP070263.D		SDG No.:	Q1488	
Lab Sample ID:	I.BLK-PP070263.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
PP070263.D	1		03/05/25	PP030525

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	20.1		70 (60) - 130 (140)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		70 (60) - 130 (140)	94%	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:	03/05/25	
Client Sample ID:	PIBLK-PP070278.D		SDG No.:	Q1488	
Lab Sample ID:	I.BLK-PP070278.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
PP070278.D	1		03/05/25	PP030525

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	20.7		70 (60) - 130 (140)	104%	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:	03/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/05/25
Client Sample ID:	PIBLK-PP070293.D	SDG No.:	Q1488
Lab Sample ID:	I.BLK-PP070293.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
PP070293.D	1		03/05/25	PP030525

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	21.6		70 (60) - 130 (140)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		70 (60) - 130 (140)	101%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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:	PB166985BS	SDG No.:	Q1488
Lab Sample ID:	PB166985BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
Sample Wt/Vol:	30.02 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
PP070265.D	1	03/05/25 09:10	03/05/25 15:14	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	165		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	161		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	25.4		30 (32) - 150 (144)	127%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.7		30 (32) - 150 (175)	119%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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:	PB167009BS	SDG No.:	Q1488
Lab Sample ID:	PB167009BS	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
PO109668.D	1	03/06/25 09:05	03/06/25 18:38	PB167009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	5.00		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	4.80		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.5		30 (16) - 150 (158)	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		30 (10) - 150 (173)	110%	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:	PB167009BSD	SDG No.:	Q1488
Lab Sample ID:	PB167009BSD	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
PO109669.D	1	03/06/25 09:05	03/06/25 18:56	PB167009

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	5.00		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	4.80		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		30 (16) - 150 (158)	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		30 (10) - 150 (173)	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:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-101-SB02MS		SDG No.:	Q1488	
Lab Sample ID:	Q1488-03MS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	90.6	Decanted:
Sample Wt/Vol:	30.07	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
PP070279.D	1	03/05/25 09:10	03/05/25 19:35	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	188		3.70	18.7	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.7	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.7	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.7	ug/kg
12672-29-6	Aroclor-1248	8.70	U	8.70	18.7	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.7	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.7	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.7	ug/kg
11096-82-5	Aroclor-1260	174		3.20	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.9		30 (32) - 150 (144)	125%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		30 (32) - 150 (175)	106%	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:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02MSD	SDG No.:	Q1488
Lab Sample ID:	Q1488-03MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.6
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
PP070280.D	1	03/05/25 09:10	03/05/25 19:51	PB166985

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	193		3.70	18.7	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.7	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.7	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.7	ug/kg
12672-29-6	Aroclor-1248	8.70	U	8.70	18.7	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.7	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.7	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.7	ug/kg
11096-82-5	Aroclor-1260	183		3.20	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.5		30 (32) - 150 (144)	132%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.1		30 (32) - 150 (175)	121%	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

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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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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.:** Q1488 **SAS No.:** Q1488 **SDG NO.:** Q1488

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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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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Calibration Times: 14:59 22:17

LAB FILE ID: RT 1000 = PP069996.D RT 750 = PP069997.D
RT 500 = PP069998.D RT 250 = PP069999.D RT 050 = PP070000.D

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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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Calibration Times: 14:59 22:17

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1488 **SAS No.:** Q1488 **SDG NO.:** Q1488

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.:** Q1488 **SAS No.:** Q1488 **SDG NO.:** Q1488

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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 16:11 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	0.00
Aroclor-1016-4	(4)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.29	6.29	6.19	6.39	0.00
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.00
Aroclor-1260-3	(3)	6.85	6.85	6.75	6.95	0.01
Aroclor-1260-4	(4)	7.11	7.11	7.01	7.21	0.00
Aroclor-1260-5	(5)	7.35	7.35	7.25	7.45	0.00
Tetrachloro-m-xylene		3.70	3.70	3.60	3.80	0.00
Decachlorobiphenyl		8.76	8.76	8.66	8.86	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 16:11 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)	5.02	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)	7.32	7.31	7.21	7.41	-0.01
Tetrachloro-m-xylene		3.70	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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL01 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PO109662.D Time Analyzed: 16:11

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.791	4.691	4.891	484.120	500.000	-3.2
Aroclor-1016-2	4.810	4.711	4.911	486.830	500.000	-2.6
Aroclor-1016-3	4.867	4.767	4.967	484.640	500.000	-3.1
Aroclor-1016-4	4.987	4.888	5.088	484.750	500.000	-3.1
Aroclor-1016-5	5.245	5.145	5.345	467.760	500.000	-6.4
Aroclor-1260-1	6.287	6.188	6.388	480.610	500.000	-3.9
Aroclor-1260-2	6.476	6.377	6.577	468.300	500.000	-6.3
Aroclor-1260-3	6.845	6.746	6.946	444.240	500.000	-11.2
Aroclor-1260-4	7.105	7.005	7.205	434.880	500.000	-13.0
Aroclor-1260-5	7.347	7.247	7.447	430.260	500.000	-13.9
Decachlorobiphenyl	8.756	8.657	8.857	39.220	50.000	-21.6
Tetrachloro-m-xylene	3.696	3.598	3.798	47.820	50.000	-4.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL01 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PO109662.D Time Analyzed: 16:11

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.778	4.678	4.878	536.050	500.000	7.2
Aroclor-1016-2	4.797	4.697	4.897	543.930	500.000	8.8
Aroclor-1016-3	4.973	4.872	5.072	540.440	500.000	8.1
Aroclor-1016-4	5.015	4.914	5.114	451.810	500.000	-9.6
Aroclor-1016-5	5.228	5.127	5.327	521.700	500.000	4.3
Aroclor-1260-1	6.261	6.161	6.361	512.490	500.000	2.5
Aroclor-1260-2	6.449	6.348	6.548	510.220	500.000	2.0
Aroclor-1260-3	6.603	6.502	6.702	498.850	500.000	-0.2
Aroclor-1260-4	7.074	6.974	7.174	483.020	500.000	-3.4
Aroclor-1260-5	7.315	7.214	7.414	492.120	500.000	-1.6
Decachlorobiphenyl	8.708	8.607	8.807	43.320	50.000	-13.4
Tetrachloro-m-xylene	3.695	3.594	3.794	53.270	50.000	6.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 22:19 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	0.00
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	0.00
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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/06/2025 Initial Calibration Date(s): 02/20/2025 02/21/2025

Continuing Calib Time: 22:19 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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL02 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PO109677.D Time Analyzed: 22:19

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.790	4.691	4.891	516.410	500.000	3.3
Aroclor-1016-2	4.810	4.711	4.911	521.040	500.000	4.2
Aroclor-1016-3	4.866	4.767	4.967	516.800	500.000	3.4
Aroclor-1016-4	4.987	4.888	5.088	517.710	500.000	3.5
Aroclor-1016-5	5.244	5.145	5.345	489.290	500.000	-2.1
Aroclor-1260-1	6.286	6.188	6.388	524.710	500.000	4.9
Aroclor-1260-2	6.475	6.377	6.577	507.570	500.000	1.5
Aroclor-1260-3	6.843	6.746	6.946	485.990	500.000	-2.8
Aroclor-1260-4	7.104	7.005	7.205	479.350	500.000	-4.1
Aroclor-1260-5	7.345	7.247	7.447	481.100	500.000	-3.8
Decachlorobiphenyl	8.753	8.657	8.857	43.340	50.000	-13.3
Tetrachloro-m-xylene	3.696	3.598	3.798	50.660	50.000	1.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL02 Date Analyzed: 03/06/2025

Lab Sample No.: AR1660CCC500 Data File : PO109677.D Time Analyzed: 22:19

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.777	4.678	4.878	553.190	500.000	10.6
Aroclor-1016-2	4.796	4.697	4.897	570.410	500.000	14.1
Aroclor-1016-3	4.972	4.872	5.072	563.990	500.000	12.8
Aroclor-1016-4	5.014	4.914	5.114	456.810	500.000	-8.6
Aroclor-1016-5	5.227	5.127	5.327	534.200	500.000	6.8
Aroclor-1260-1	6.260	6.161	6.361	551.440	500.000	10.3
Aroclor-1260-2	6.448	6.348	6.548	550.920	500.000	10.2
Aroclor-1260-3	6.601	6.502	6.702	533.730	500.000	6.7
Aroclor-1260-4	7.073	6.974	7.174	518.870	500.000	3.8
Aroclor-1260-5	7.314	7.214	7.414	533.180	500.000	6.6
Decachlorobiphenyl	8.707	8.607	8.807	46.160	50.000	-7.7
Tetrachloro-m-xylene	3.694	3.594	3.794	55.410	50.000	10.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/05/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 11:49 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/05/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 11:49 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)	5.15	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)	6.60	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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL03 Date Analyzed: 03/05/2025

Lab Sample No.: AR1660CCC500 Data File : PP070259.D Time Analyzed: 11:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.679	5.581	5.781	474.860	500.000	-5.0
Aroclor-1016-2	5.700	5.602	5.802	491.780	500.000	-1.6
Aroclor-1016-3	5.763	5.665	5.865	489.540	500.000	-2.1
Aroclor-1016-4	5.860	5.762	5.962	496.730	500.000	-0.7
Aroclor-1016-5	6.153	6.056	6.256	483.820	500.000	-3.2
Aroclor-1260-1	7.273	7.175	7.375	482.320	500.000	-3.5
Aroclor-1260-2	7.527	7.429	7.629	455.430	500.000	-8.9
Aroclor-1260-3	7.885	7.788	7.988	488.800	500.000	-2.2
Aroclor-1260-4	8.110	8.012	8.212	479.200	500.000	-4.2
Aroclor-1260-5	8.430	8.333	8.533	484.960	500.000	-3.0
Decachlorobiphenyl	10.253	10.156	10.356	47.630	50.000	-4.7
Tetrachloro-m-xylene	4.526	4.427	4.627	52.370	50.000	4.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL03 Date Analyzed: 03/05/2025

Lab Sample No.: AR1660CCC500 Data File : PP070259.D Time Analyzed: 11:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.917	4.820	5.020	513.670	500.000	2.7
Aroclor-1016-2	4.936	4.839	5.039	509.760	500.000	2.0
Aroclor-1016-3	5.113	5.017	5.217	518.780	500.000	3.8
Aroclor-1016-4	5.154	5.058	5.258	507.120	500.000	1.4
Aroclor-1016-5	5.370	5.273	5.473	534.650	500.000	6.9
Aroclor-1260-1	6.407	6.312	6.512	493.320	500.000	-1.3
Aroclor-1260-2	6.596	6.500	6.700	502.660	500.000	0.5
Aroclor-1260-3	6.750	6.654	6.854	468.200	500.000	-6.4
Aroclor-1260-4	7.222	7.126	7.326	524.080	500.000	4.8
Aroclor-1260-5	7.463	7.367	7.567	533.970	500.000	6.8
Decachlorobiphenyl	8.882	8.788	8.988	48.820	50.000	-2.4
Tetrachloro-m-xylene	3.828	3.730	3.930	51.480	50.000	3.0

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/05/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 18:13 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/05/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 18:13 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	0.00
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.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL04 Date Analyzed: 03/05/2025

Lab Sample No.: AR1660CCC500 Data File : PP070274.D Time Analyzed: 18:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.679	5.581	5.781	519.700	500.000	3.9
Aroclor-1016-2	5.701	5.602	5.802	539.100	500.000	7.8
Aroclor-1016-3	5.763	5.665	5.865	538.430	500.000	7.7
Aroclor-1016-4	5.860	5.762	5.962	548.080	500.000	9.6
Aroclor-1016-5	6.154	6.056	6.256	519.480	500.000	3.9
Aroclor-1260-1	7.274	7.175	7.375	514.400	500.000	2.9
Aroclor-1260-2	7.527	7.429	7.629	499.540	500.000	-0.1
Aroclor-1260-3	7.886	7.788	7.988	529.380	500.000	5.9
Aroclor-1260-4	8.110	8.012	8.212	505.520	500.000	1.1
Aroclor-1260-5	8.431	8.333	8.533	525.530	500.000	5.1
Decachlorobiphenyl	10.252	10.156	10.356	50.370	50.000	0.7
Tetrachloro-m-xylene	4.526	4.427	4.627	55.610	50.000	11.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL04 Date Analyzed: 03/05/2025

Lab Sample No.: AR1660CCC500 Data File : PP070274.D Time Analyzed: 18:13

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.917	4.820	5.020	528.080	500.000	5.6
Aroclor-1016-2	4.936	4.839	5.039	524.790	500.000	5.0
Aroclor-1016-3	5.113	5.017	5.217	536.640	500.000	7.3
Aroclor-1016-4	5.155	5.058	5.258	534.000	500.000	6.8
Aroclor-1016-5	5.370	5.273	5.473	553.470	500.000	10.7
Aroclor-1260-1	6.408	6.312	6.512	510.260	500.000	2.1
Aroclor-1260-2	6.596	6.500	6.700	514.490	500.000	2.9
Aroclor-1260-3	6.750	6.654	6.854	485.590	500.000	-2.9
Aroclor-1260-4	7.223	7.126	7.326	541.710	500.000	8.3
Aroclor-1260-5	7.464	7.367	7.567	564.500	500.000	12.9
Decachlorobiphenyl	8.883	8.788	8.988	50.840	50.000	1.7
Tetrachloro-m-xylene	3.828	3.730	3.930	52.730	50.000	5.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/05/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 22:50 Initial Calibration Time(s): 14:59 22:17

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
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)	6.16	6.16	6.06	6.26	0.00
Aroclor-1260-1	(1)	7.28	7.28	7.18	7.38	0.00
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		10.26	10.26	10.16	10.36	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Continuing Calib Date: 03/05/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 22:50 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	0.00
Aroclor-1016-3	(3)	5.12	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)	7.23	7.23	7.13	7.33	0.01
Aroclor-1260-5	(5)	7.47	7.47	7.37	7.57	0.00
Tetrachloro-m-xylene		3.83	3.83	3.73	3.93	0.00
Decachlorobiphenyl		8.89	8.89	8.79	8.99	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL05 Date Analyzed: 03/05/2025

Lab Sample No.: AR1660CCC500 Data File : PP070289.D Time Analyzed: 22:50

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.681	5.581	5.781	507.650	500.000	1.5
Aroclor-1016-2	5.702	5.602	5.802	514.280	500.000	2.9
Aroclor-1016-3	5.764	5.665	5.865	501.590	500.000	0.3
Aroclor-1016-4	5.862	5.762	5.962	507.010	500.000	1.4
Aroclor-1016-5	6.155	6.056	6.256	518.280	500.000	3.7
Aroclor-1260-1	7.275	7.175	7.375	532.180	500.000	6.4
Aroclor-1260-2	7.529	7.429	7.629	505.610	500.000	1.1
Aroclor-1260-3	7.888	7.788	7.988	546.130	500.000	9.2
Aroclor-1260-4	8.113	8.012	8.212	525.010	500.000	5.0
Aroclor-1260-5	8.433	8.333	8.533	541.570	500.000	8.3
Decachlorobiphenyl	10.258	10.156	10.356	51.680	50.000	3.4
Tetrachloro-m-xylene	4.527	4.427	4.627	55.950	50.000	11.9

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

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

Client Sample No.: CCAL05 Date Analyzed: 03/05/2025

Lab Sample No.: AR1660CCC500 Data File : PP070289.D Time Analyzed: 22:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.919	4.820	5.020	536.170	500.000	7.2
Aroclor-1016-2	4.938	4.839	5.039	532.730	500.000	6.5
Aroclor-1016-3	5.115	5.017	5.217	542.770	500.000	8.6
Aroclor-1016-4	5.157	5.058	5.258	529.850	500.000	6.0
Aroclor-1016-5	5.372	5.273	5.473	573.280	500.000	14.7
Aroclor-1260-1	6.410	6.312	6.512	516.300	500.000	3.3
Aroclor-1260-2	6.598	6.500	6.700	527.370	500.000	5.5
Aroclor-1260-3	6.752	6.654	6.854	498.350	500.000	-0.3
Aroclor-1260-4	7.225	7.126	7.326	567.590	500.000	13.5
Aroclor-1260-5	7.466	7.367	7.567	585.700	500.000	17.1
Decachlorobiphenyl	8.886	8.788	8.988	52.490	50.000	5.0
Tetrachloro-m-xylene	3.830	3.730	3.930	52.590	50.000	5.2

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1488
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	03/06/2025	16:11	PO109662.D	8.76	3.70
IBLK	IBLK	03/06/2025	18:01	PO109666.D	8.76	3.70
PB167009BL	PB167009BL	03/06/2025	18:19	PO109667.D	8.76	3.70
PB167009BS	PB167009BS	03/06/2025	18:38	PO109668.D	8.76	3.70
PB167009BSD	PB167009BSD	03/06/2025	18:56	PO109669.D	8.75	3.70
ENV-102-GW01	Q1488-13	03/06/2025	19:15	PO109670.D	8.76	3.70
ENV-104-GW01	Q1488-14	03/06/2025	19:33	PO109671.D	8.76	3.70
AR1660CCC500	AR1660CCC500	03/06/2025	22:19	PO109677.D	8.75	3.70
IBLK	IBLK	03/07/2025	00:09	PO109681.D	8.76	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
AR1660ICC500	AR1660ICC500	02/24/2025	15:32	PP069998.D	10.26	4.53

Analytical Sequence

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	03/05/2025	11:49	PP070259.D	10.25	4.53
IBLK	IBLK	03/05/2025	12:54	PP070263.D	10.25	4.52
PB166985BL	PB166985BL	03/05/2025	14:58	PP070264.D	10.26	4.53
PB166985BS	PB166985BS	03/05/2025	15:14	PP070265.D	10.26	4.53
ENV-101-SB01	Q1488-01	03/05/2025	17:08	PP070272.D	10.25	4.52
ENV-101-SB02	Q1488-03	03/05/2025	17:25	PP070273.D	10.26	4.53
AR1660CCC500	AR1660CCC500	03/05/2025	18:13	PP070274.D	10.25	4.53
IBLK	IBLK	03/05/2025	19:19	PP070278.D	10.26	4.53
ENV-101-SB02MS	Q1488-03MS	03/05/2025	19:35	PP070279.D	10.26	4.53
ENV-101-SB02MSD	Q1488-03MSD	03/05/2025	19:51	PP070280.D	10.26	4.53
ENV-102-SB01	Q1488-05	03/05/2025	20:08	PP070281.D	10.26	4.53
ENV-102-SB02	Q1488-07	03/05/2025	20:24	PP070282.D	10.26	4.53
ENV-104-SB01	Q1488-09	03/05/2025	20:40	PP070283.D	10.26	4.53
ENV-104-SB02	Q1488-11	03/05/2025	20:56	PP070284.D	10.26	4.53
AR1660CCC500	AR1660CCC500	03/05/2025	22:50	PP070289.D	10.26	4.53
IBLK	IBLK	03/05/2025	23:56	PP070293.D	10.26	4.52

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1488
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	03/06/2025	16:11	PO109662.D	8.71	3.70
IBLK	IBLK	03/06/2025	18:01	PO109666.D	8.71	3.69
PB167009BL	PB167009BL	03/06/2025	18:19	PO109667.D	8.71	3.69
PB167009BS	PB167009BS	03/06/2025	18:38	PO109668.D	8.71	3.70
PB167009BSD	PB167009BSD	03/06/2025	18:56	PO109669.D	8.71	3.69
ENV-102-GW01	Q1488-13	03/06/2025	19:15	PO109670.D	8.71	3.70
ENV-104-GW01	Q1488-14	03/06/2025	19:33	PO109671.D	8.71	3.69
AR1660CCC500	AR1660CCC500	03/06/2025	22:19	PO109677.D	8.71	3.69
IBLK	IBLK	03/07/2025	00:09	PO109681.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
AR1660ICC500	AR1660ICC500	02/24/2025	15:32	PP069998.D	8.89	3.83

Analytical Sequence

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	03/05/2025	11:49	PP070259.D	8.88	3.83
IBLK	IBLK	03/05/2025	12:54	PP070263.D	8.88	3.83
PB166985BL	PB166985BL	03/05/2025	14:58	PP070264.D	8.89	3.83
PB166985BS	PB166985BS	03/05/2025	15:14	PP070265.D	8.88	3.83
ENV-101-SB01	Q1488-01	03/05/2025	17:08	PP070272.D	8.88	3.83
ENV-101-SB02	Q1488-03	03/05/2025	17:25	PP070273.D	8.88	3.83
AR1660CCC500	AR1660CCC500	03/05/2025	18:13	PP070274.D	8.88	3.83
IBLK	IBLK	03/05/2025	19:19	PP070278.D	8.88	3.83
ENV-101-SB02MS	Q1488-03MS	03/05/2025	19:35	PP070279.D	8.89	3.83
ENV-101-SB02MSD	Q1488-03MSD	03/05/2025	19:51	PP070280.D	8.88	3.83
ENV-102-SB01	Q1488-05	03/05/2025	20:08	PP070281.D	8.89	3.83
ENV-102-SB02	Q1488-07	03/05/2025	20:24	PP070282.D	8.89	3.83
ENV-104-SB01	Q1488-09	03/05/2025	20:40	PP070283.D	8.89	3.83
ENV-104-SB02	Q1488-11	03/05/2025	20:56	PP070284.D	8.89	3.83
AR1660CCC500	AR1660CCC500	03/05/2025	22:50	PP070289.D	8.89	3.83
IBLK	IBLK	03/05/2025	23:56	PP070293.D	8.89	3.83

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167009BS

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Lab Sample ID: PB167009BS Date(s) Analyzed: 03/06/2025 03/06/2025

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 PO109668.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.791	4.741	4.841	4.78	4.70	6.19
COLUMN 1	2	4.811	4.761	4.861	4.81		
	3	4.867	4.817	4.917	4.74		
	4	4.987	4.937	5.037	4.79		
	5	5.245	5.195	5.295	4.52		
COLUMN 2	1	4.778	4.728	4.828	5.13	5.00	
	2	4.797	4.747	4.847	5.20		
	3	4.973	4.923	5.023	5.16		
	4	5.015	4.965	5.065	4.91		
	5	5.228	5.178	5.278	4.84		
Aroclor-1260	1	6.288	6.238	6.338	4.77	4.40	8.7
COLUMN 1	2	6.476	6.426	6.526	4.71		
	3	6.845	6.795	6.895	4.00		
	4	7.105	7.055	7.155	4.16		
	5	7.347	7.297	7.397	4.32		
COLUMN 2	1	6.261	6.211	6.311	5.09	4.80	
	2	6.449	6.399	6.499	5.12		
	3	6.602	6.552	6.652	5.11		
	4	7.074	7.024	7.124	4.37		
	5	7.315	7.265	7.365	4.52		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167009BSD

Contract: PORT06

Lab Code: CHEM

Case No.: Q1488

SAS No.: Q1488

SDG NO.: Q1488

Lab Sample ID: PB167009BSD

Date(s) Analyzed: 03/06/2025

03/06/2025

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 PO109669.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.79	4.74	4.84	4.73	4.70	6.19
COLUMN 1	2	4.81	4.76	4.86	4.75		
	3	4.866	4.816	4.916	4.72		
	4	4.987	4.937	5.037	4.73		
	5	5.245	5.195	5.295	4.46		
	COLUMN 2	1	4.777	4.727	4.827	5.11	
2		4.797	4.747	4.847	5.09		
3		4.972	4.922	5.022	5.11		
4		5.014	4.964	5.064	4.84		
5		5.227	5.177	5.277	4.78		
Aroclor-1260	1	6.287	6.237	6.337	4.73	4.30	10.99
COLUMN 1	2	6.475	6.425	6.525	4.70		
	3	6.844	6.794	6.894	3.92		
	4	7.104	7.054	7.154	4.08		
	5	7.346	7.296	7.396	4.24		
	COLUMN 2	1	6.26	6.21	6.31	5.02	
2		6.448	6.398	6.498	5.06		
3		6.601	6.551	6.651	5.05		
4		7.073	7.023	7.123	4.32		
5		7.313	7.263	7.363	4.44		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB166985BS

Contract: PORT06

Lab Code: CHEM

Case No.: Q1488

SAS No.: Q1488

SDG NO.: Q1488

Lab Sample ID: PB166985BS

Date(s) Analyzed: 03/05/2025

03/05/2025

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 PP070265.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.68	5.63	5.73	162	165	1.22
COLUMN 1	2	5.702	5.652	5.752	170		
	3	5.764	5.714	5.814	165		
	4	5.862	5.812	5.912	167		
	5	6.155	6.105	6.205	161		
	1	4.917	4.867	4.967	165		
COLUMN 2	2	4.936	4.886	4.986	164	163	
	3	5.113	5.063	5.163	162		
	4	5.155	5.105	5.205	163		
	5	5.37	5.32	5.42	163		
Aroclor-1260	1	7.274	7.224	7.324	176	156	3.15
COLUMN 1	2	7.528	7.478	7.578	163		
	3	7.887	7.837	7.937	143		
	4	8.111	8.061	8.161	149		
	5	8.433	8.383	8.483	149		
	1	6.408	6.358	6.458	165		
COLUMN 2	2	6.595	6.545	6.645	166	161	
	3	6.749	6.699	6.799	157		
	4	7.222	7.172	7.272	156		
	5	7.463	7.413	7.513	162		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

ENV-101-SB02MS

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Lab Sample ID: Q1488-03MS Date(s) Analyzed: 03/05/2025 03/05/2025

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 PP070279.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.678	5.628	5.728	181	185	1.61
COLUMN 1	2	5.7	5.65	5.75	191		
	3	5.762	5.712	5.812	184		
	4	5.86	5.81	5.91	189		
	5	6.153	6.103	6.203	180		
	1	4.919	4.869	4.969	186		
COLUMN 2	2	4.938	4.888	4.988	187	188	
	3	5.115	5.065	5.165	194		
	4	5.157	5.107	5.207	188		
	5	5.372	5.322	5.422	187		
Aroclor-1260	1	7.273	7.223	7.323	184	169	2.92
COLUMN 1	2	7.526	7.476	7.576	176		
	3	7.885	7.835	7.935	158		
	4	8.11	8.06	8.16	167		
	5	8.431	8.381	8.481	160		
	1	6.41	6.36	6.46	182	174	
COLUMN 2	2	6.598	6.548	6.648	182		
	3	6.752	6.702	6.802	171		
	4	7.224	7.174	7.274	165		
	5	7.465	7.415	7.515	169		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

ENV-101-SB02MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q1488 SAS No.: Q1488 SDG NO.: Q1488

Lab Sample ID: Q1488-03MSD Date(s) Analyzed: 03/05/2025 03/05/2025

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 PP070280.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.678	5.628	5.728	195	193	1.04
COLUMN 1	2	5.7	5.65	5.75	194		
	3	5.763	5.713	5.813	191		
	4	5.86	5.81	5.91	197		
	5	6.153	6.103	6.203	190		
COLUMN 2	1	4.916	4.866	4.966	191	191	
	2	4.935	4.885	4.985	190		
	3	5.113	5.063	5.163	195		
	4	5.154	5.104	5.204	190		
	5	5.37	5.32	5.42	190		
Aroclor-1260	1	7.273	7.223	7.323	192	179	2.21
COLUMN 1	2	7.527	7.477	7.577	184		
	3	7.886	7.836	7.936	165		
	4	8.108	8.058	8.158	184		
	5	8.43	8.38	8.48	172		
COLUMN 2	1	6.408	6.358	6.458	186	183	
	2	6.596	6.546	6.646	188		
	3	6.749	6.699	6.799	178		
	4	7.222	7.172	7.272	176		
	5	7.463	7.413	7.513	186		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
 Data File : PP070272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 17:08
 Operator : YP\AJ
 Sample : Q1488-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-101-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 06 00:25:19 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	36727633	24358169	25.025	25.478
2) SA Decachlor...	10.253	8.883	22198318	22475039	19.489	20.731

Target Compounds

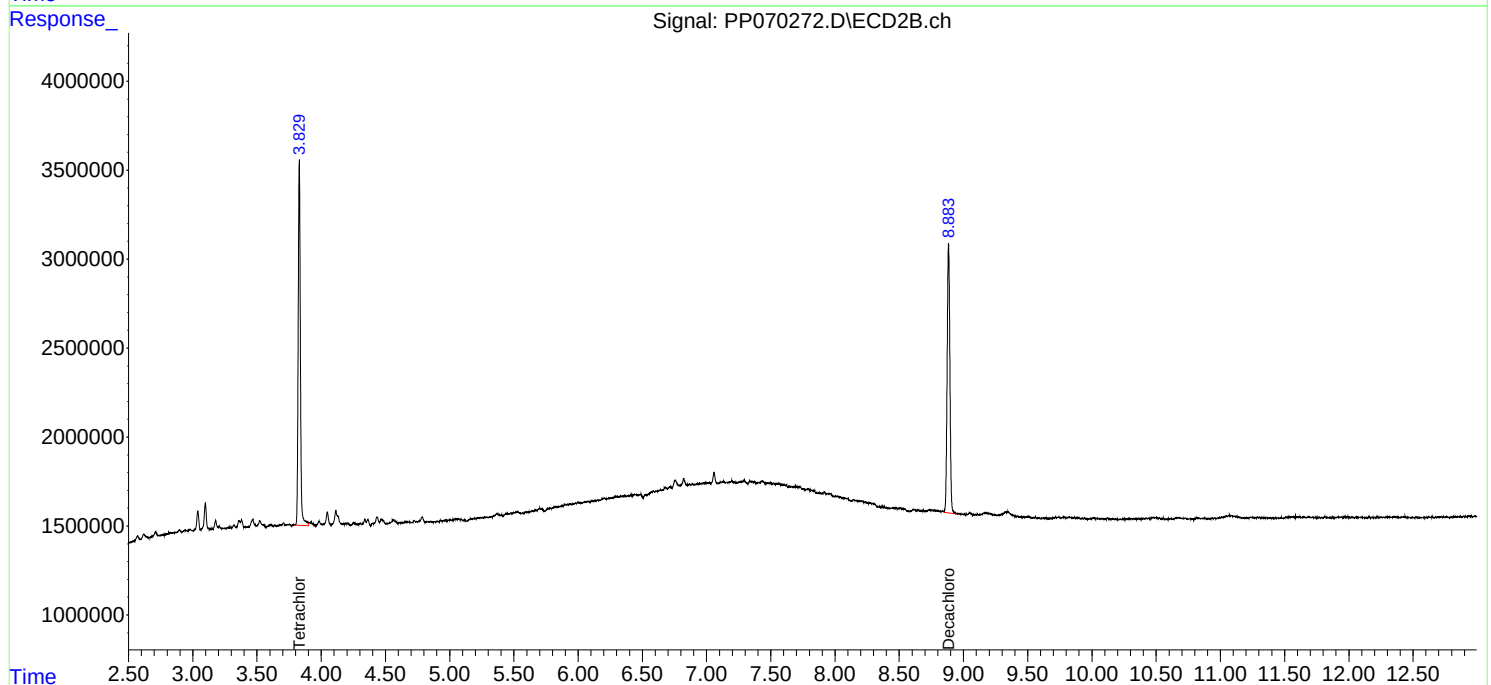
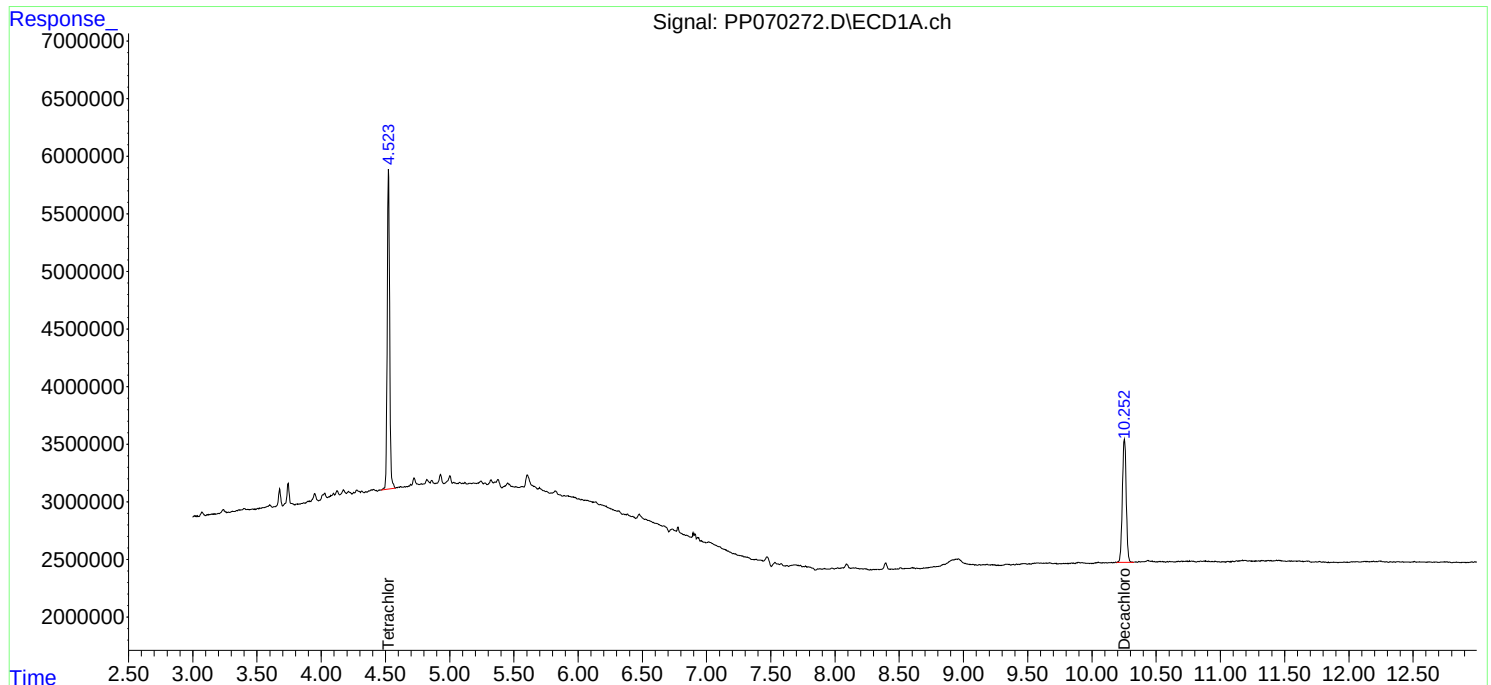
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

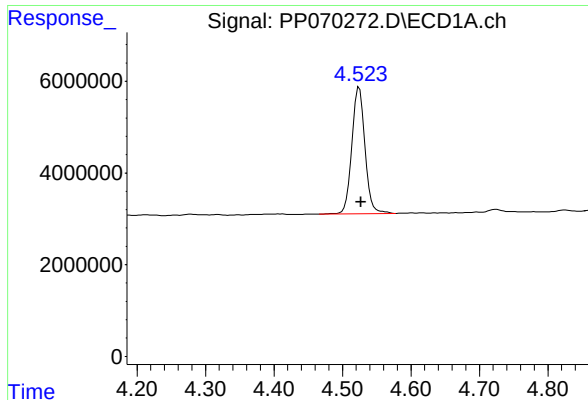
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 17:08
Operator : YP\AJ
Sample : Q1488-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ENV-101-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:25:19 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

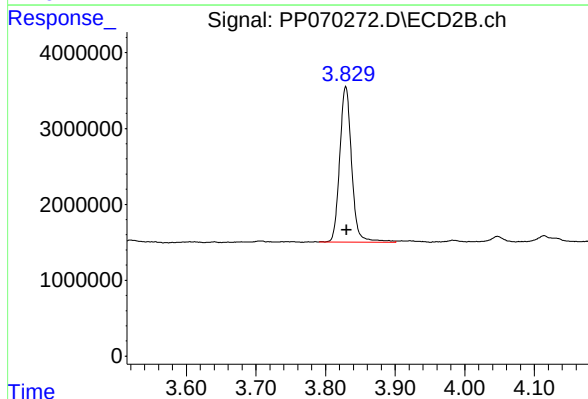




#1 Tetrachloro-m-xylene

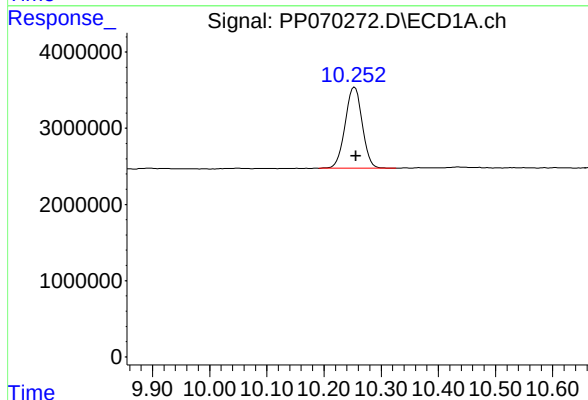
R.T.: 4.524 min
Delta R.T.: -0.003 min
Response: 36727633
Conc: 25.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-101-SB01



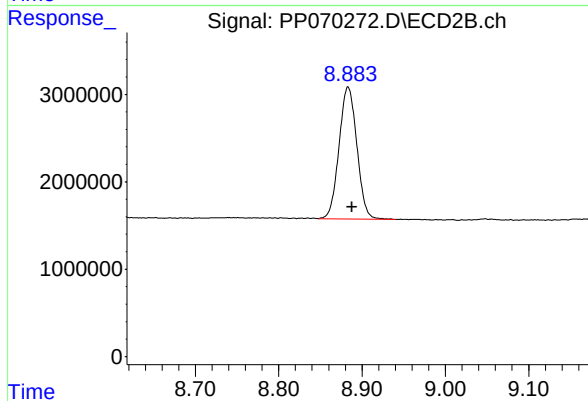
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 24358169
Conc: 25.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.003 min
Response: 22198318
Conc: 19.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.883 min
Delta R.T.: -0.005 min
Response: 22475039
Conc: 20.73 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
 Data File : PP070273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 17:25
 Operator : YP\AJ
 Sample : Q1488-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-101-SB02

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 06 00:25:37 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...	4.527	3.828	39647428	26070312	27.015	27.269
2) SA Decachlor...	10.256	8.884	25518204	24583751	22.403	22.677

Target Compounds

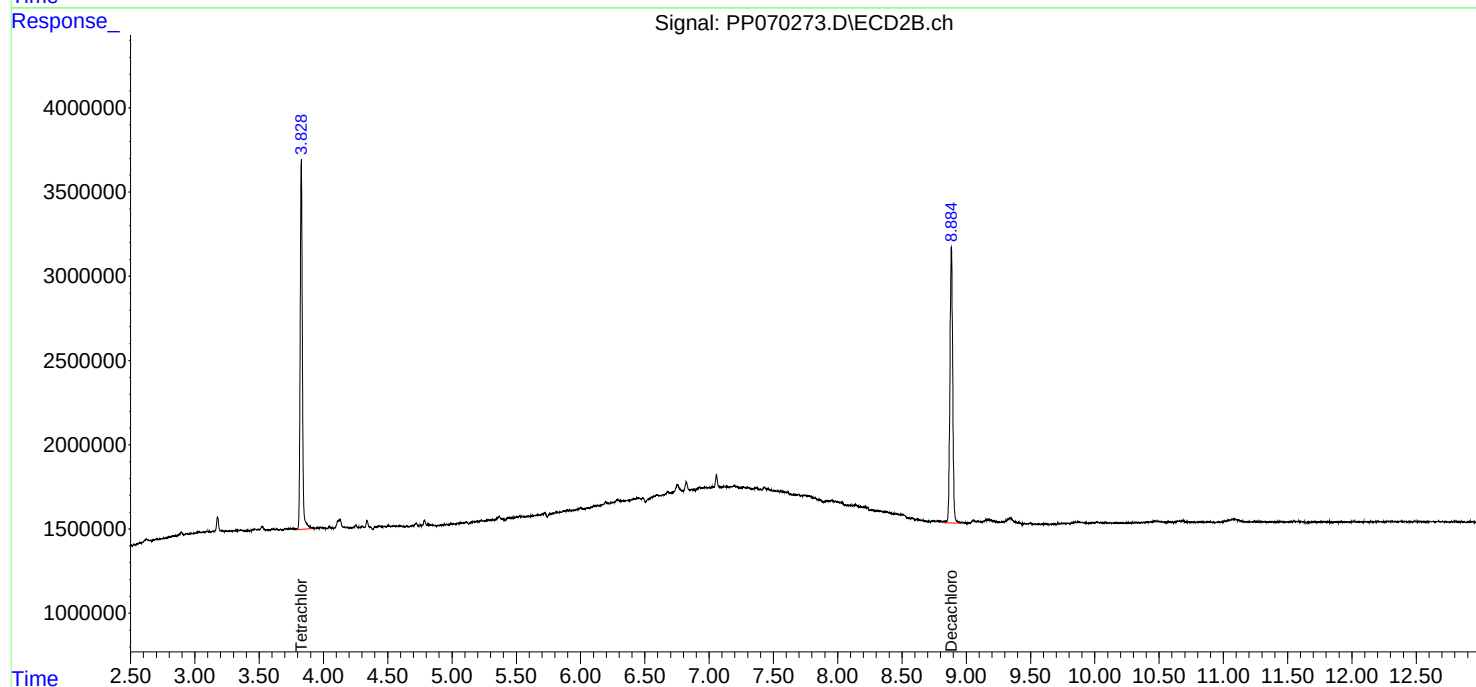
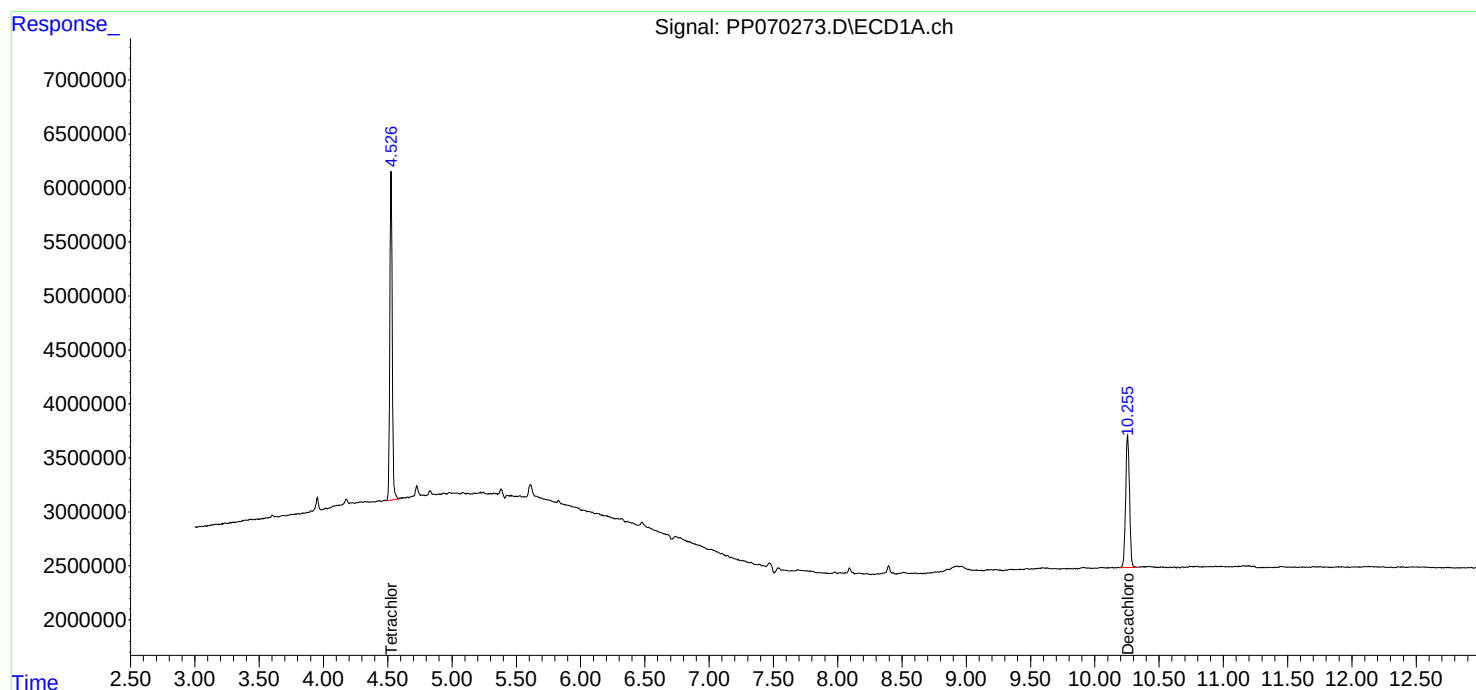
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

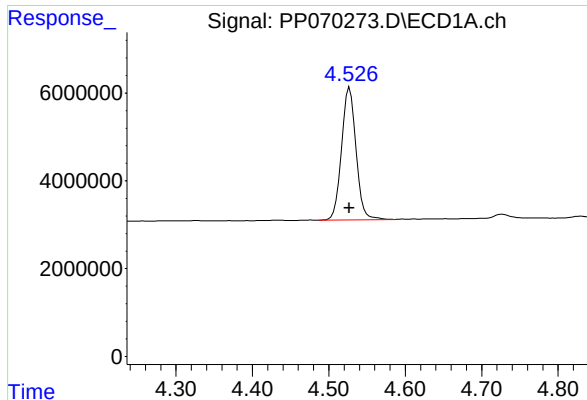
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 17:25
Operator : YP\AJ
Sample : Q1488-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ENV-101-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:25:37 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

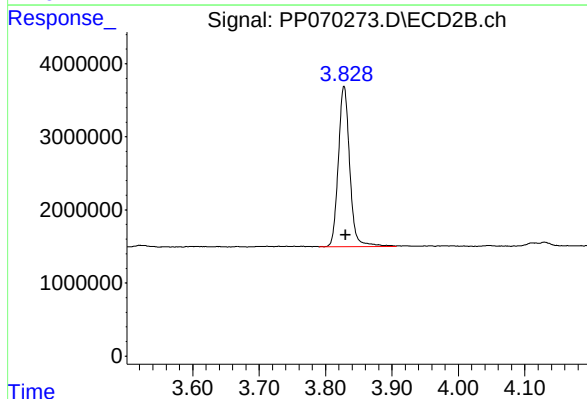




#1 Tetrachloro-m-xylene

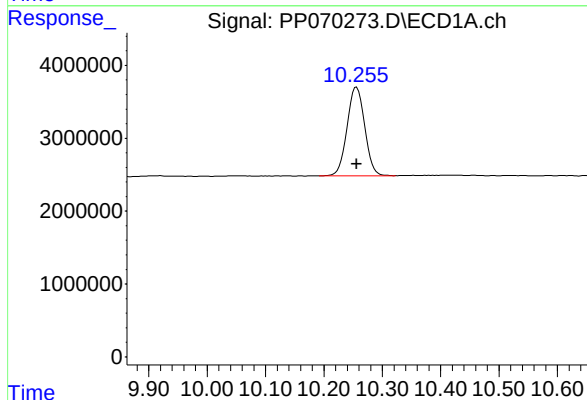
R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 39647428
Conc: 27.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-101-SB02



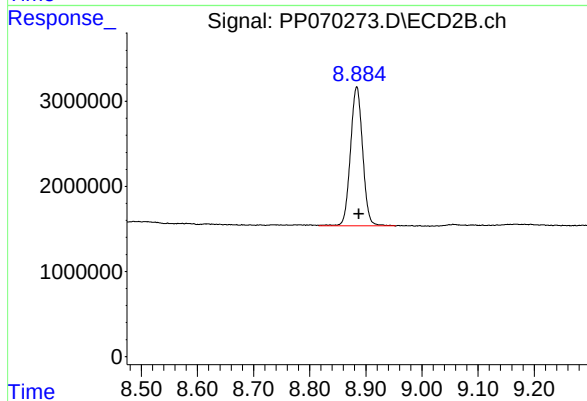
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 26070312
Conc: 27.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.000 min
Response: 25518204
Conc: 22.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.004 min
Response: 24583751
Conc: 22.68 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
 Data File : PP070281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 20:08
 Operator : YP\AJ
 Sample : Q1488-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-102-SB01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:28:33 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...	4.529	3.830	37586940	24634284	25.611	25.767
2) SA Decachlor...	10.260	8.886	23597311	24456260	20.717	22.559

Target Compounds

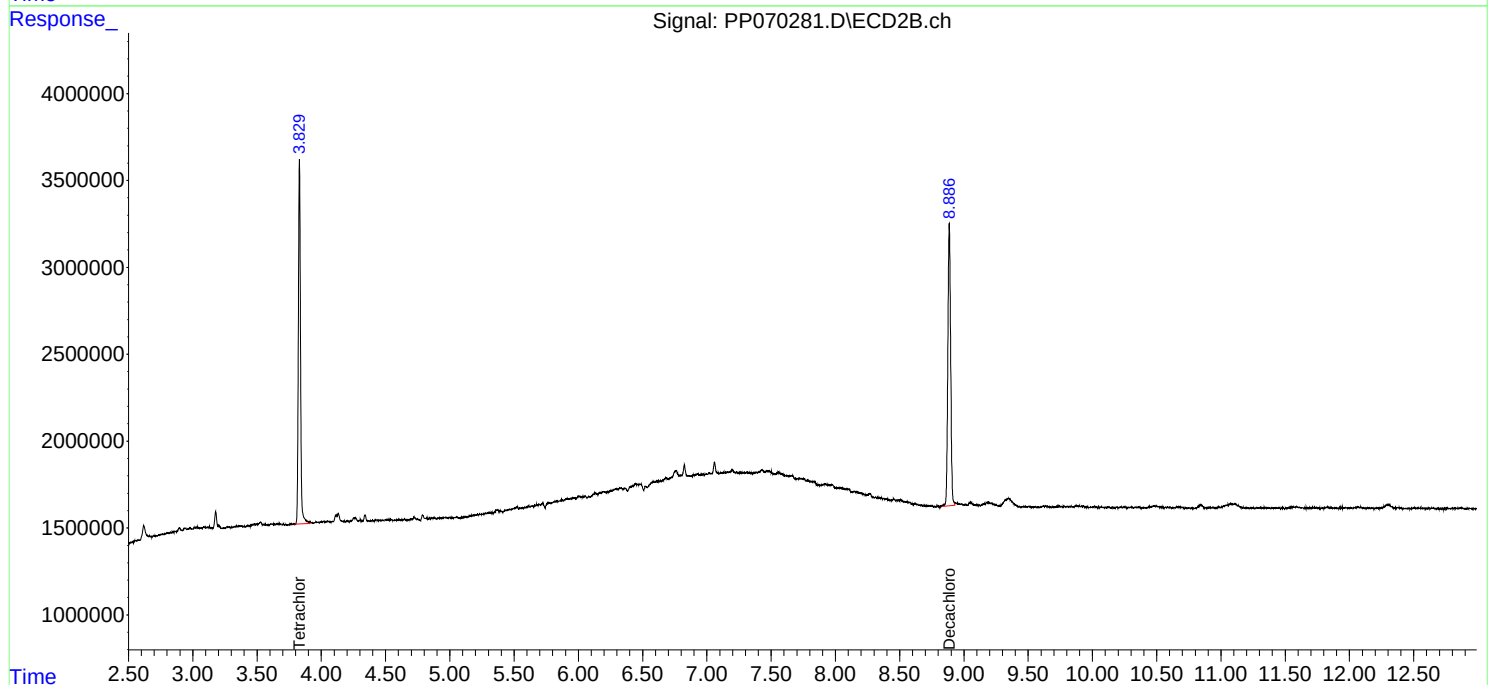
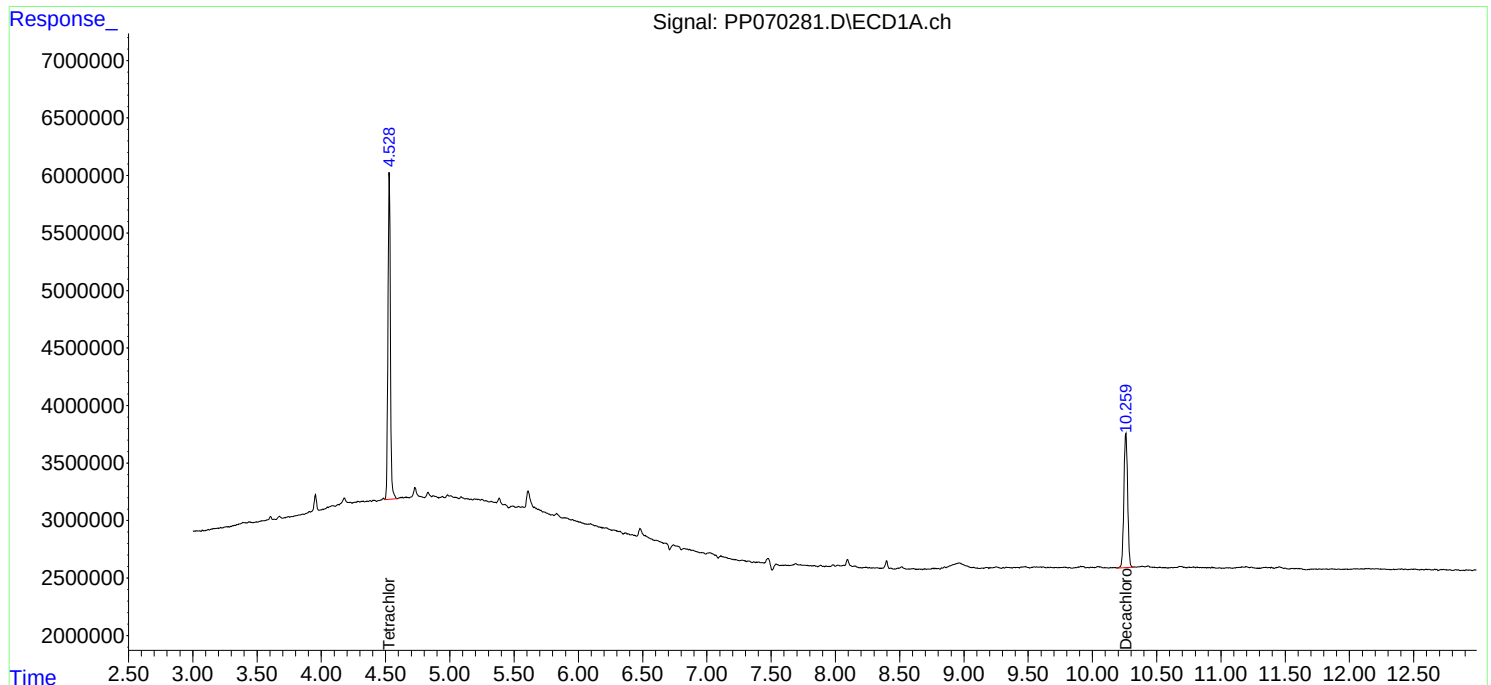
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

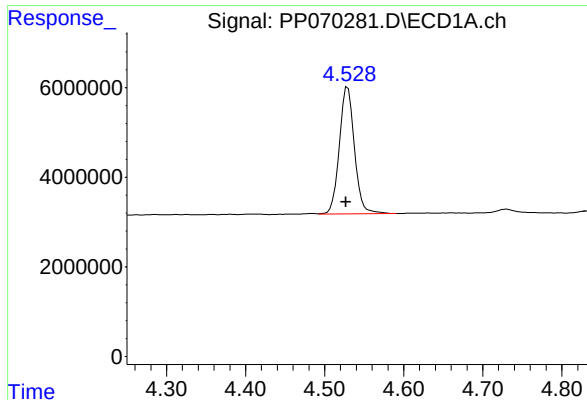
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 20:08
Operator : YP\AJ
Sample : Q1488-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ENV-102-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:28:33 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

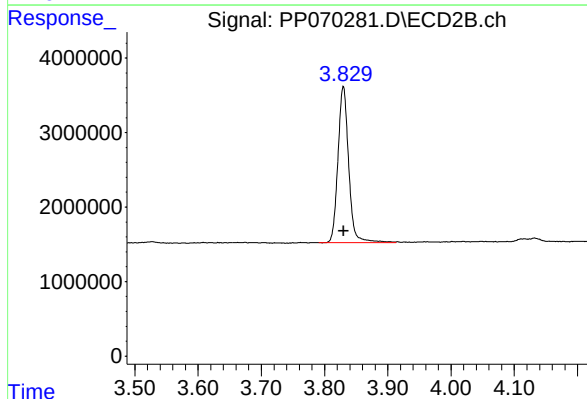




#1 Tetrachloro-m-xylene

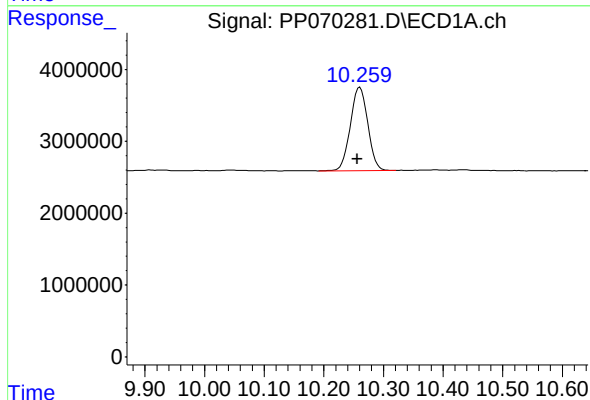
R.T.: 4.529 min
Delta R.T.: 0.002 min
Response: 37586940
Conc: 25.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-102-SB01



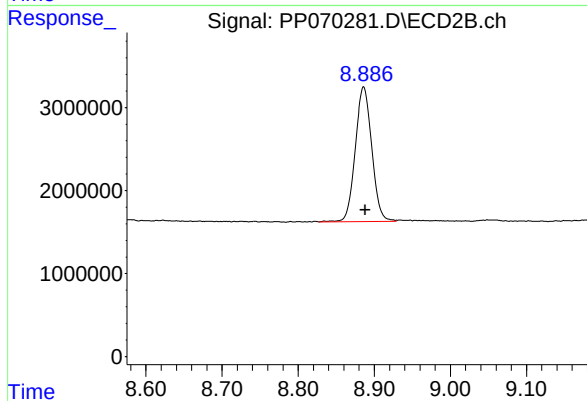
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 24634284
Conc: 25.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.260 min
Delta R.T.: 0.004 min
Response: 23597311
Conc: 20.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 24456260
Conc: 22.56 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
 Data File : PP070282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 20:24
 Operator : YP\AJ
 Sample : Q1488-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-102-SB02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:28:51 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	36927538	23821357	25.161	24.917
2) SA Decachlor...	10.257	8.885	22148662	22880622	19.445	21.106

Target Compounds

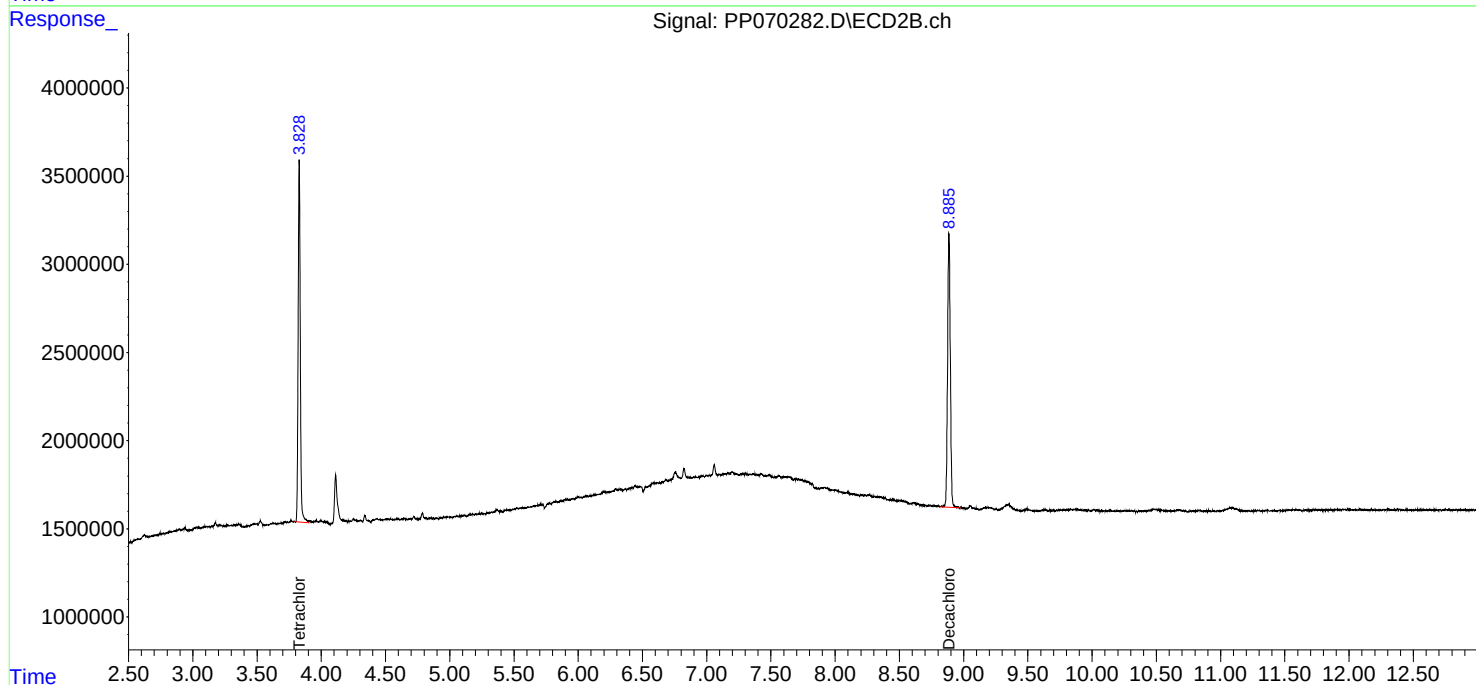
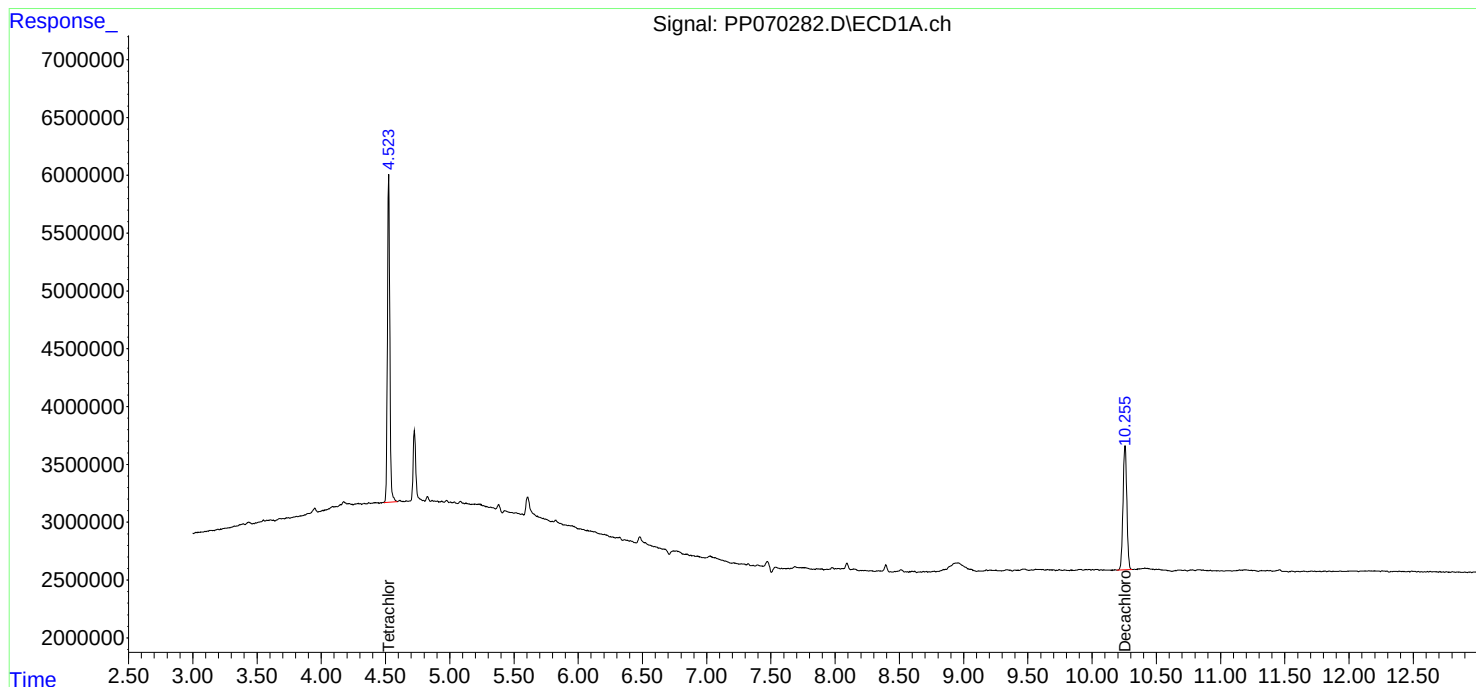
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

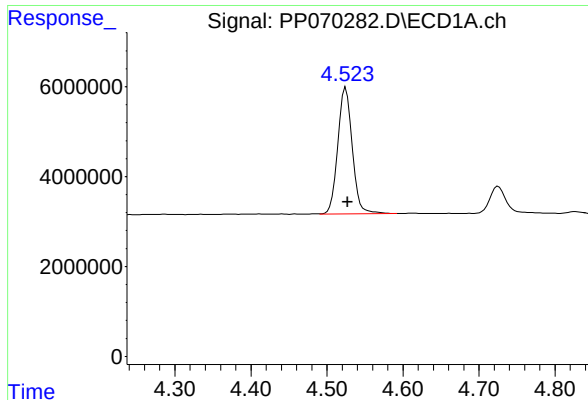
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 20:24
Operator : YP\AJ
Sample : Q1488-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ENV-102-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:28:51 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

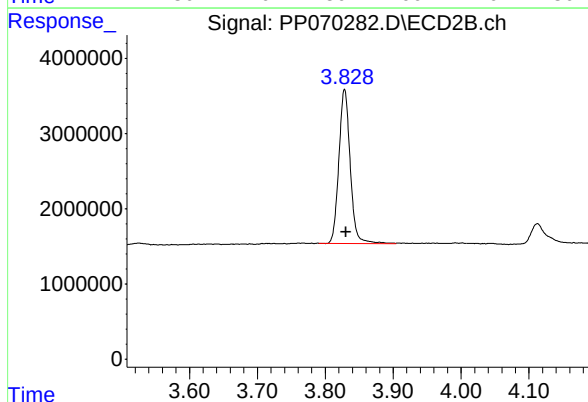




#1 Tetrachloro-m-xylene

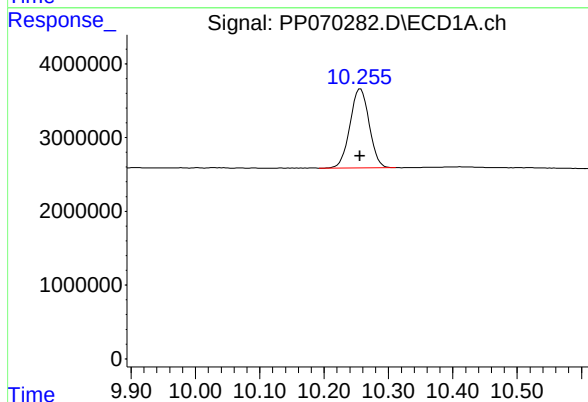
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 36927538
Conc: 25.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-102-SB02



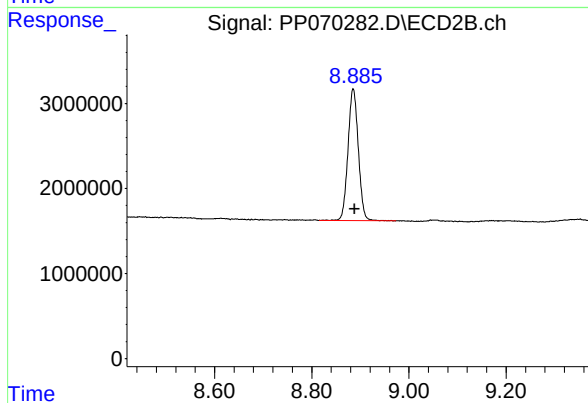
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 23821357
Conc: 24.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 22148662
Conc: 19.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.885 min
Delta R.T.: -0.003 min
Response: 22880622
Conc: 21.11 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 20:40
Operator : YP\AJ
Sample : Q1488-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ENV-104-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:29:11 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	3.829	32731037	21418439	22.302	22.403
2) SA Decachlor...	10.257	8.886	16020853	17270197	14.065	15.930

Target Compounds

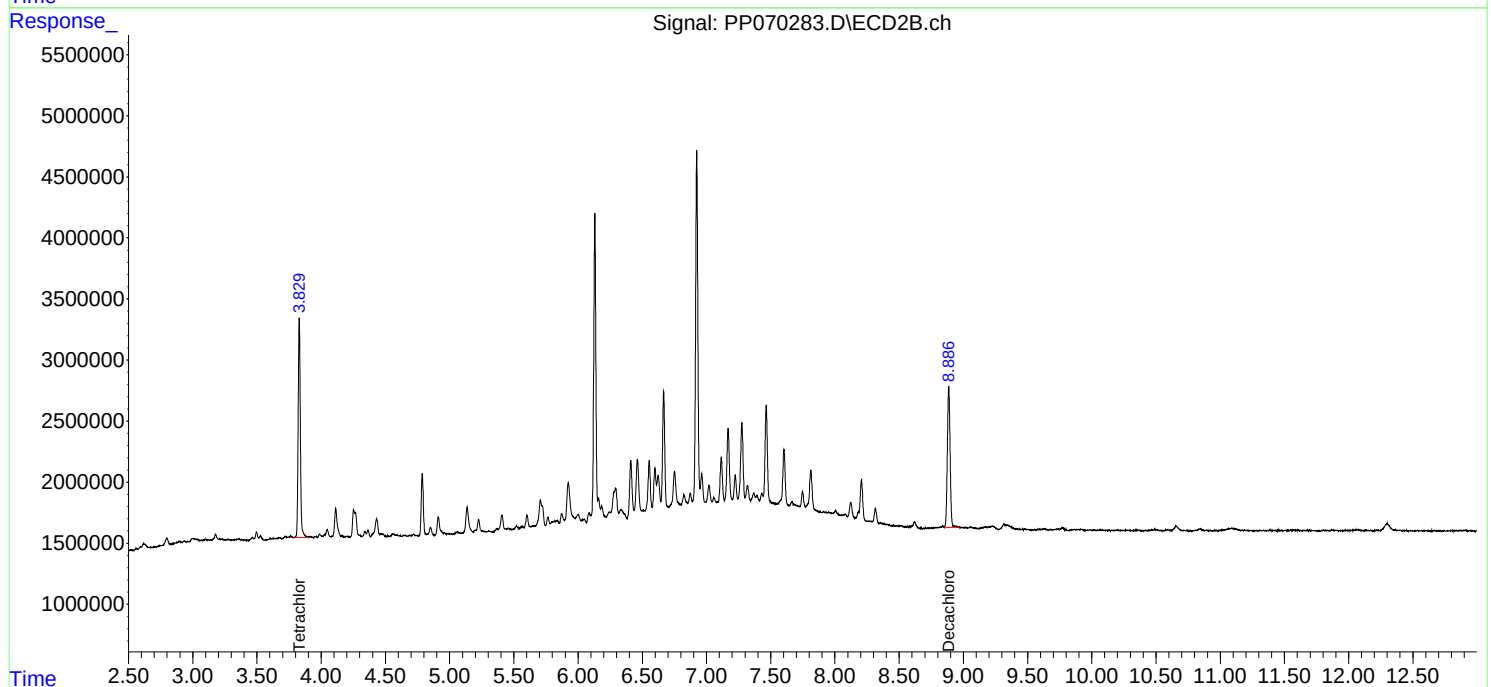
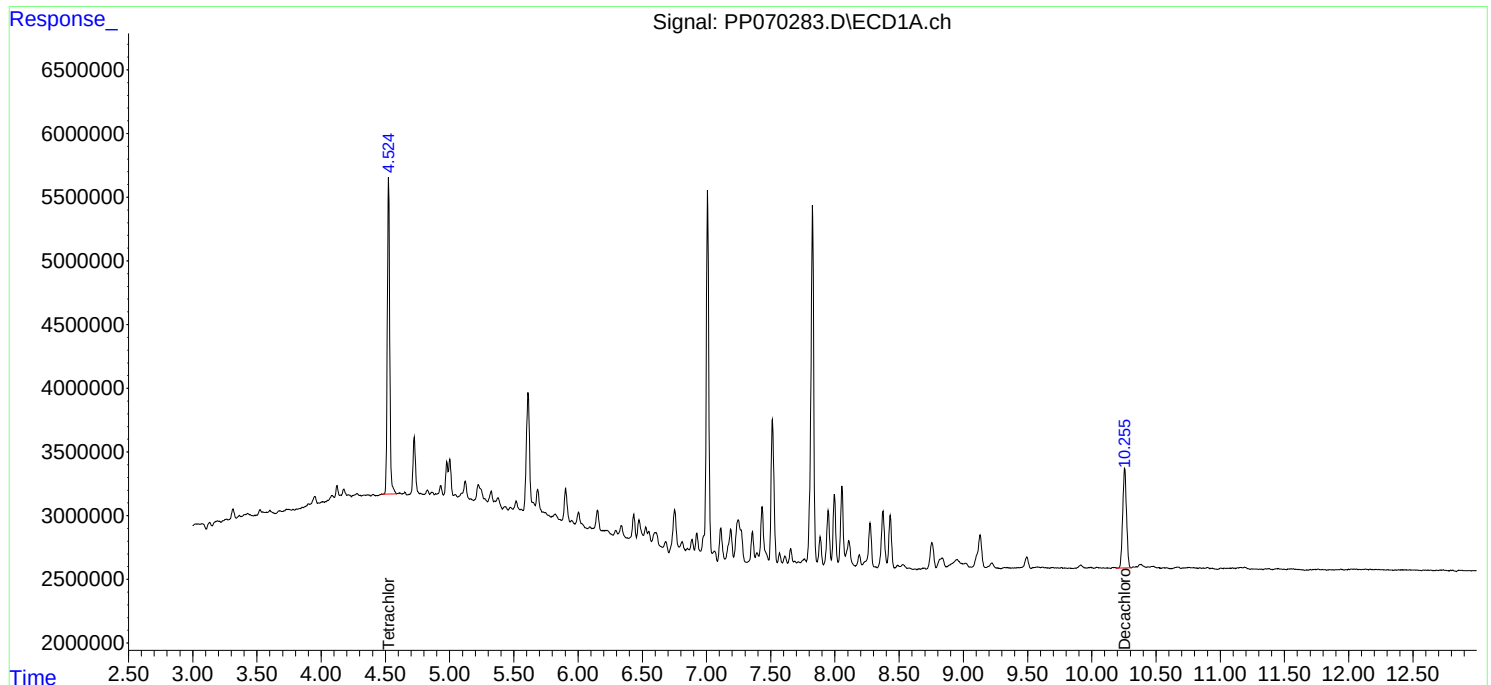
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

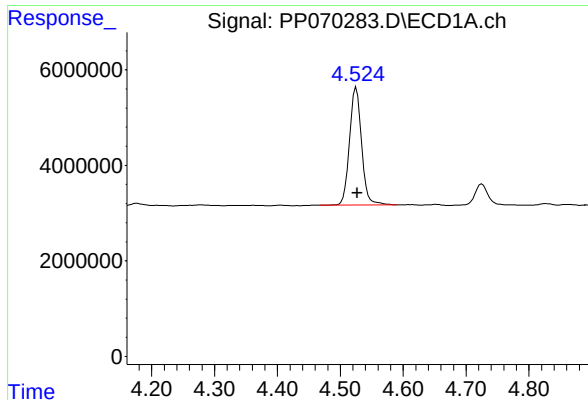
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 20:40
Operator : YP\AJ
Sample : Q1488-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ENV-104-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:29:11 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

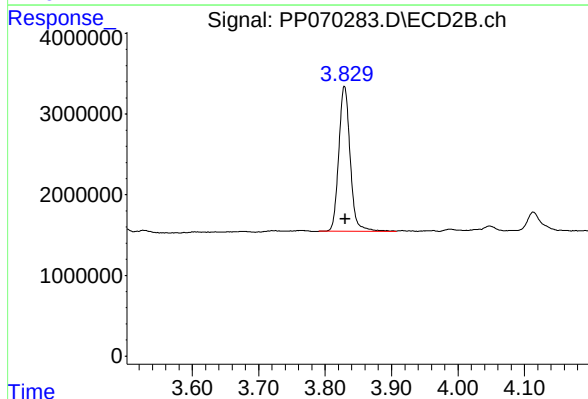




#1 Tetrachloro-m-xylene

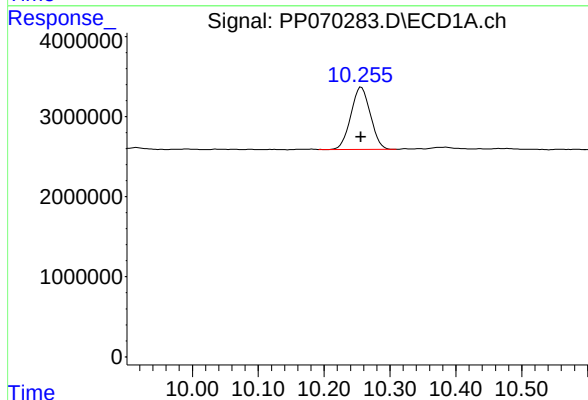
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 32731037
Conc: 22.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-104-SB01



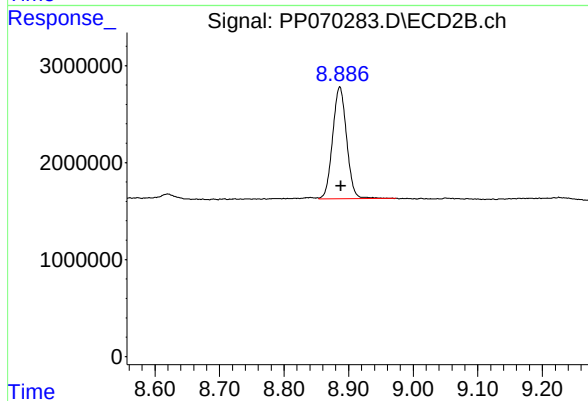
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.001 min
Response: 21418439
Conc: 22.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: 0.000 min
Response: 16020853
Conc: 14.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 17270197
Conc: 15.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
 Data File : PP070284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 20:56
 Operator : YP\AJ
 Sample : Q1488-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-104-SB02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:29:33 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...	4.525	3.830	35952108	23002176	24.497	24.060
2) SA Decachlor...	10.257	8.886	18921937	19235773	16.612	17.743

Target Compounds

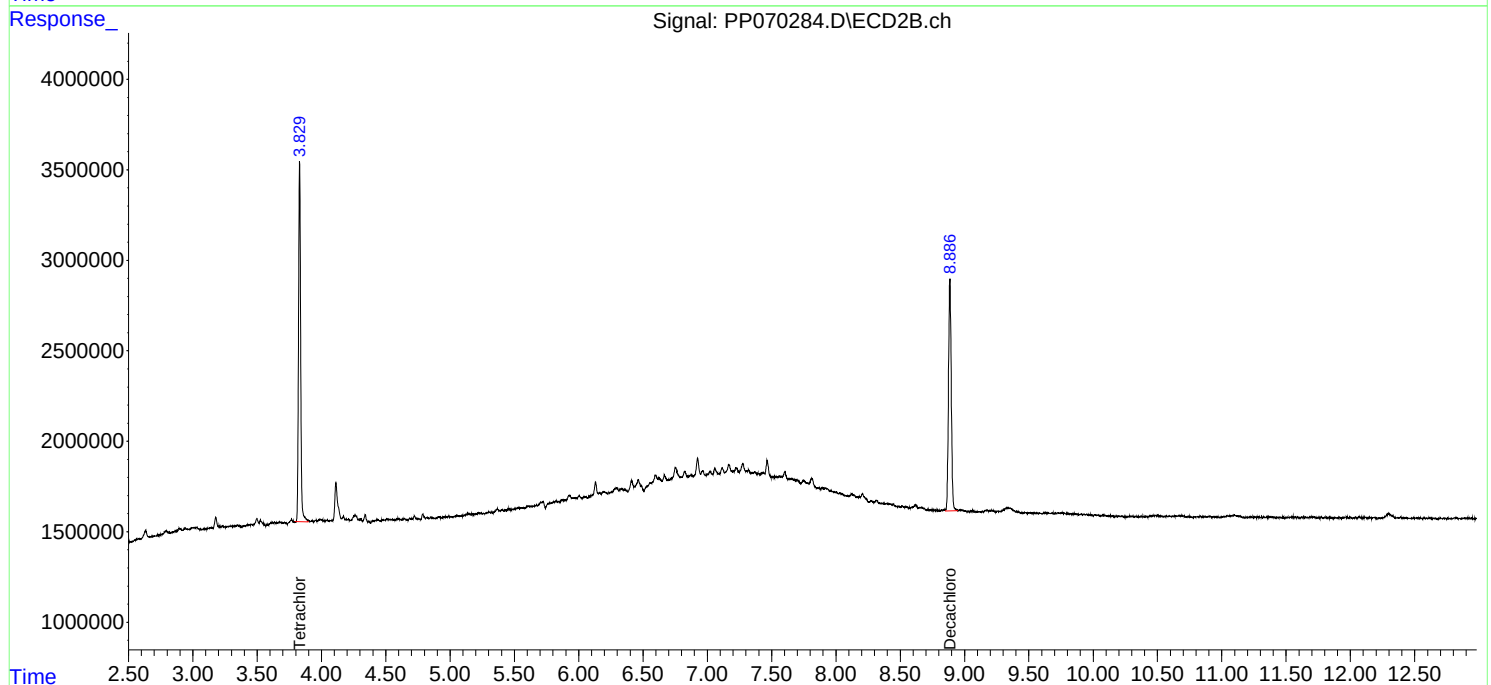
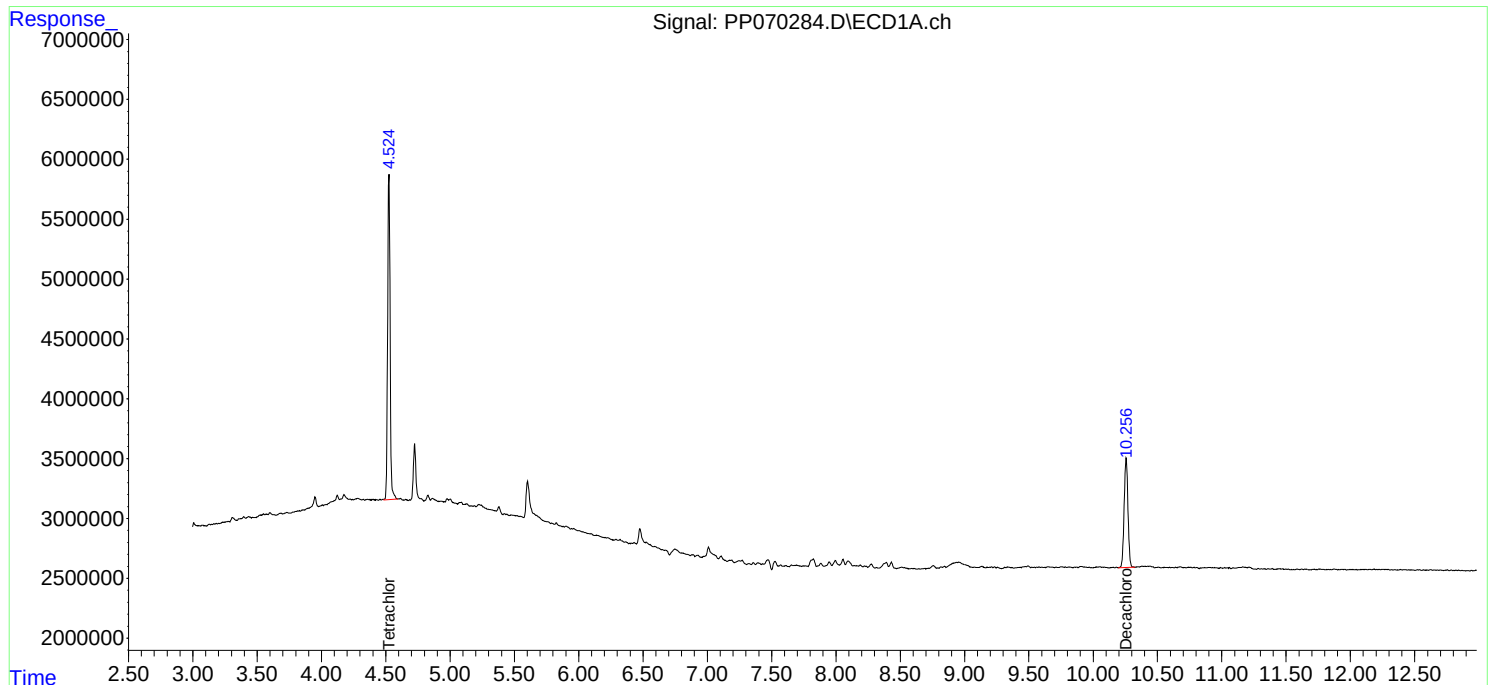
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

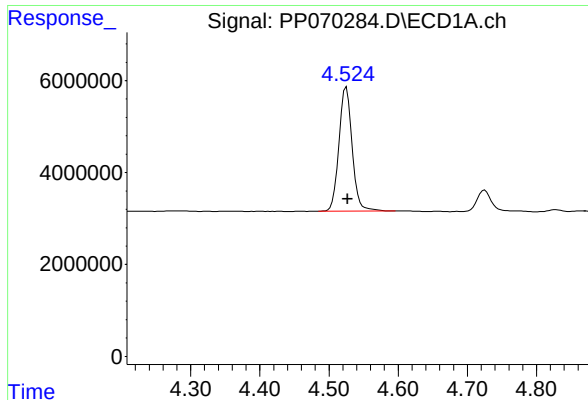
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 20:56
Operator : YP\AJ
Sample : Q1488-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ENV-104-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:29:33 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

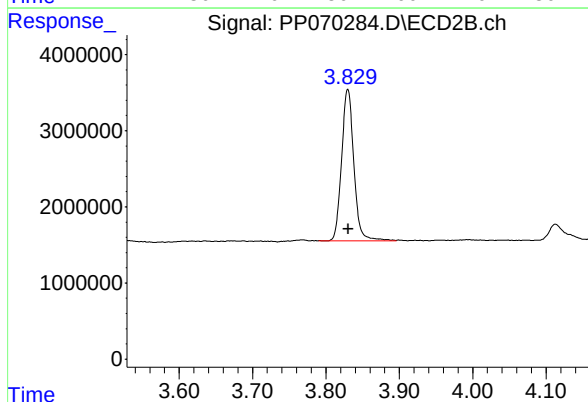




#1 Tetrachloro-m-xylene

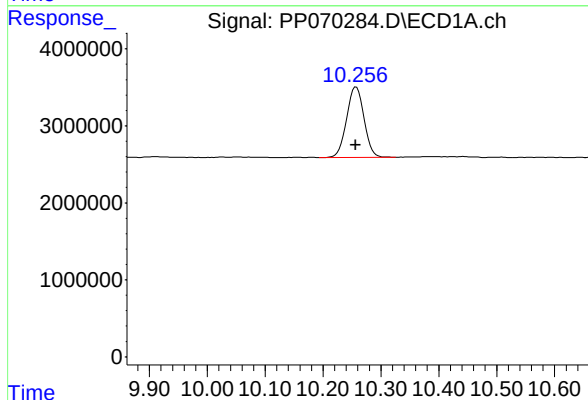
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 35952108
Conc: 24.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
ENV-104-SB02



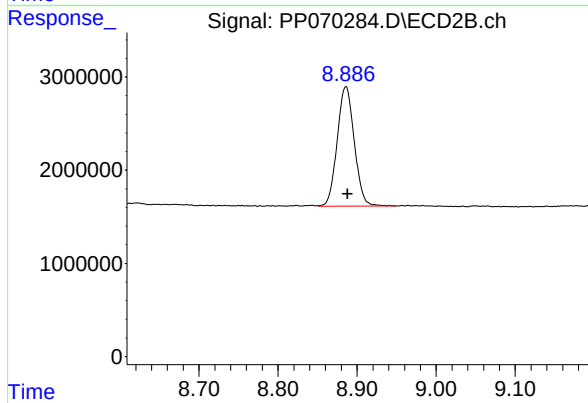
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 23002176
Conc: 24.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: 0.001 min
Response: 18921937
Conc: 16.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.002 min
Response: 19235773
Conc: 17.74 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030625\
 Data File : P0109670.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 19:15
 Operator : YP/AJ
 Sample : Q1488-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ENV-102-GW01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:11:50 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	3.695	245.0E6	142.0E6	25.883	27.125
2) SA Decachlor...	8.755	8.707	151.7E6	61169805	17.634	19.210

Target Compounds

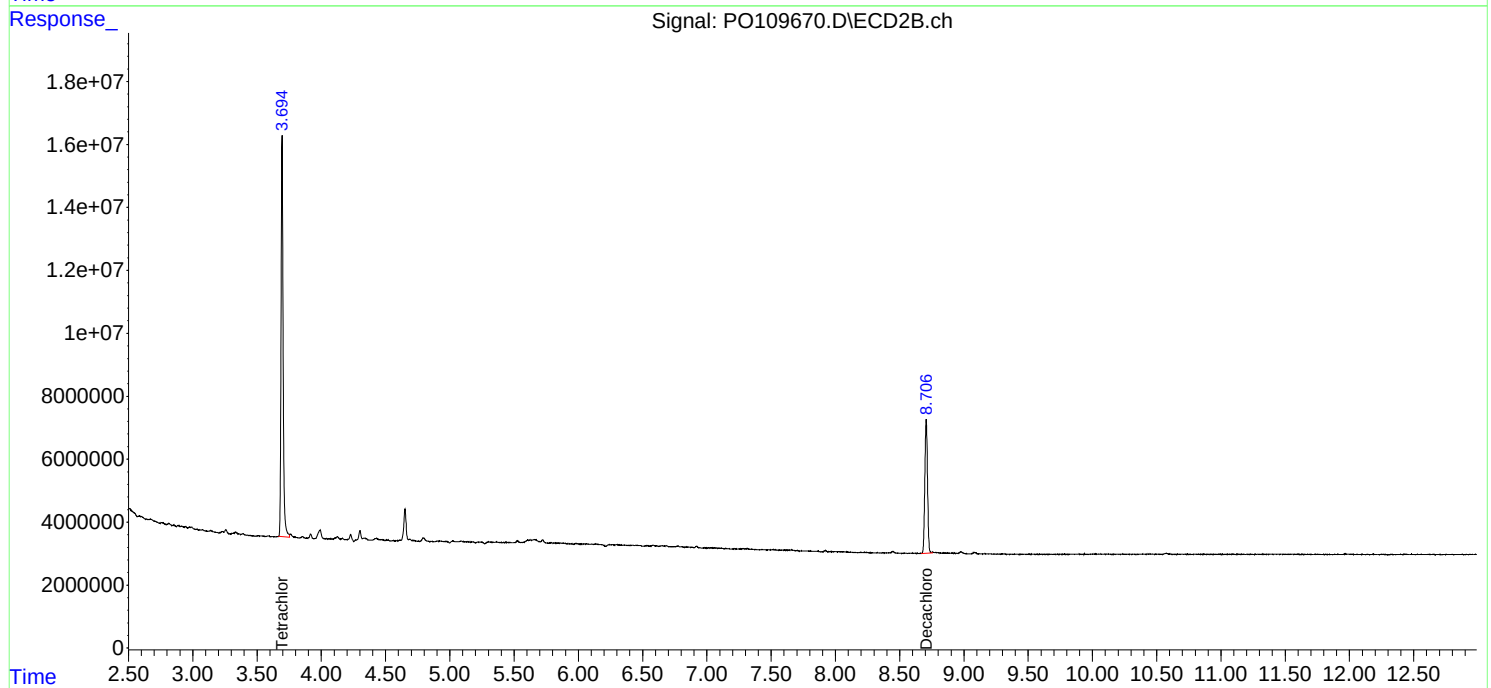
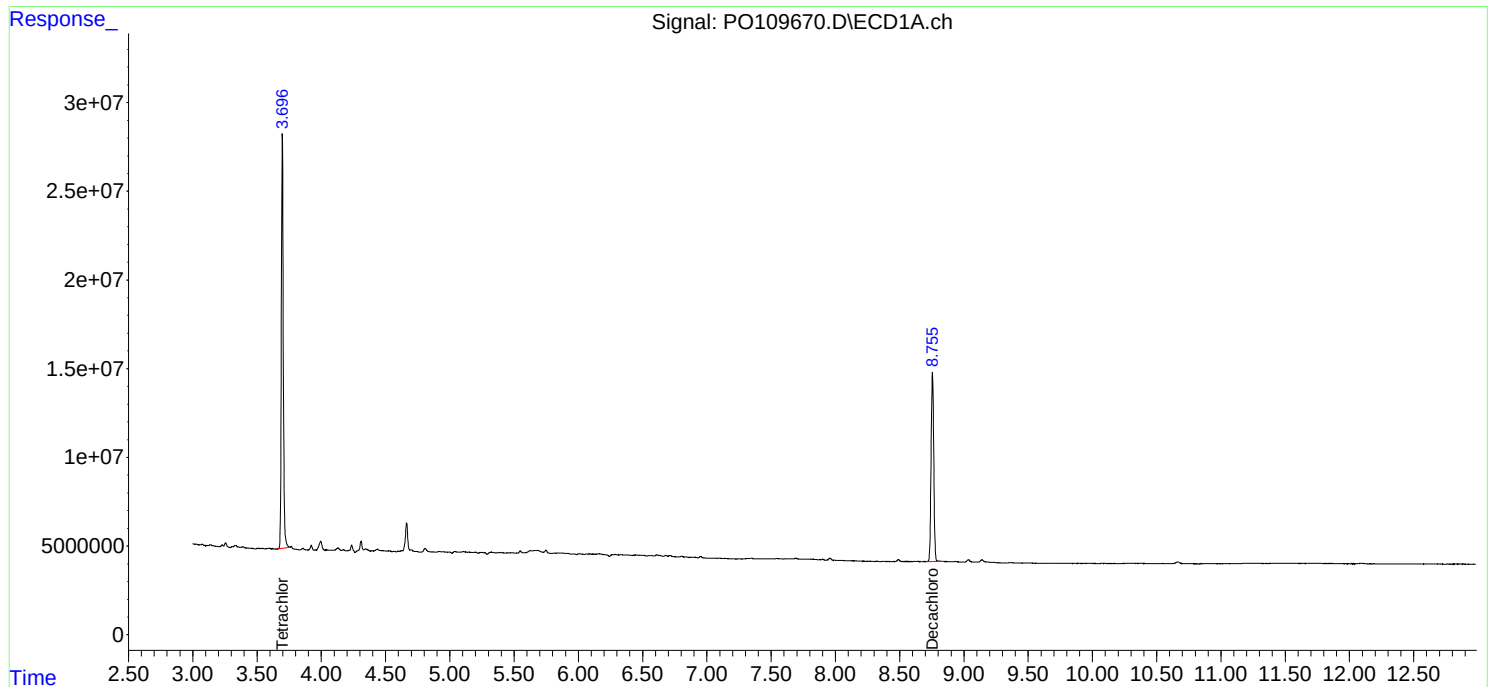
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

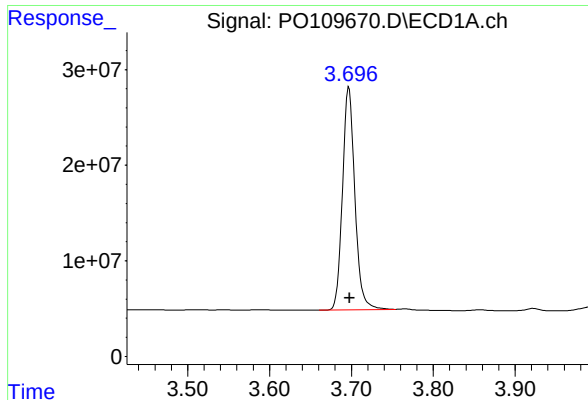
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109670.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 19:15
Operator : YP/AJ
Sample : Q1488-13
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ENV-102-GW01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:11:50 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 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

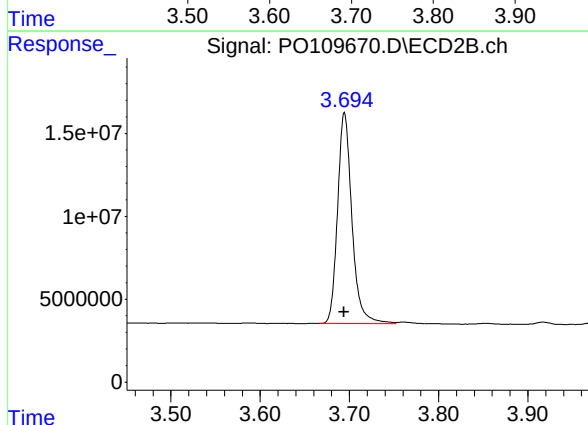




#1 Tetrachloro-m-xylene

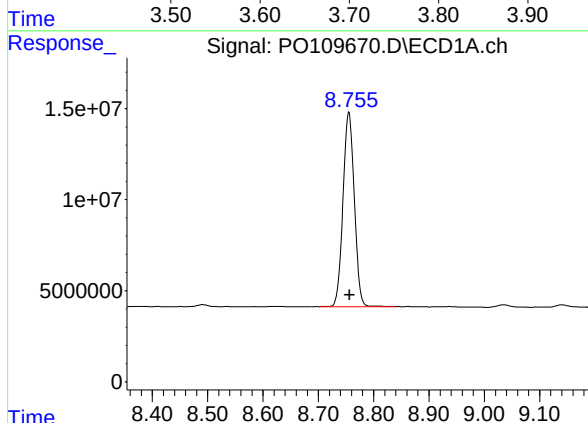
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 244983018
Conc: 25.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
ENV-102-GW01



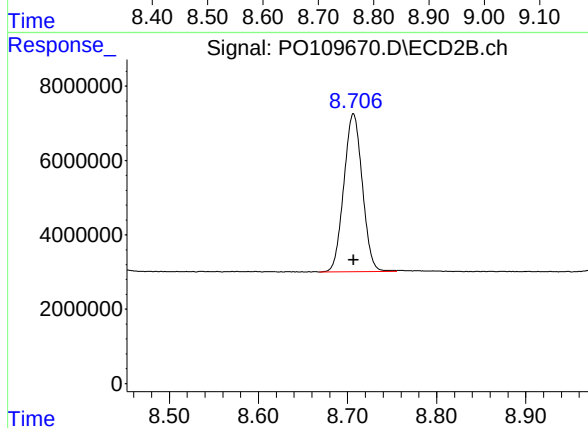
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 141979960
Conc: 27.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.001 min
Response: 151682231
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: 0.000 min
Response: 61169805
Conc: 19.21 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
 Data File : PO109671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 19:33
 Operator : YP/AJ
 Sample : Q1488-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ENV-104-GW01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:12:06 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	244.8E6	141.7E6	25.863	27.070
2) SA Decachlor...	8.755	8.706	138.3E6	55907868	16.073	17.558

Target Compounds

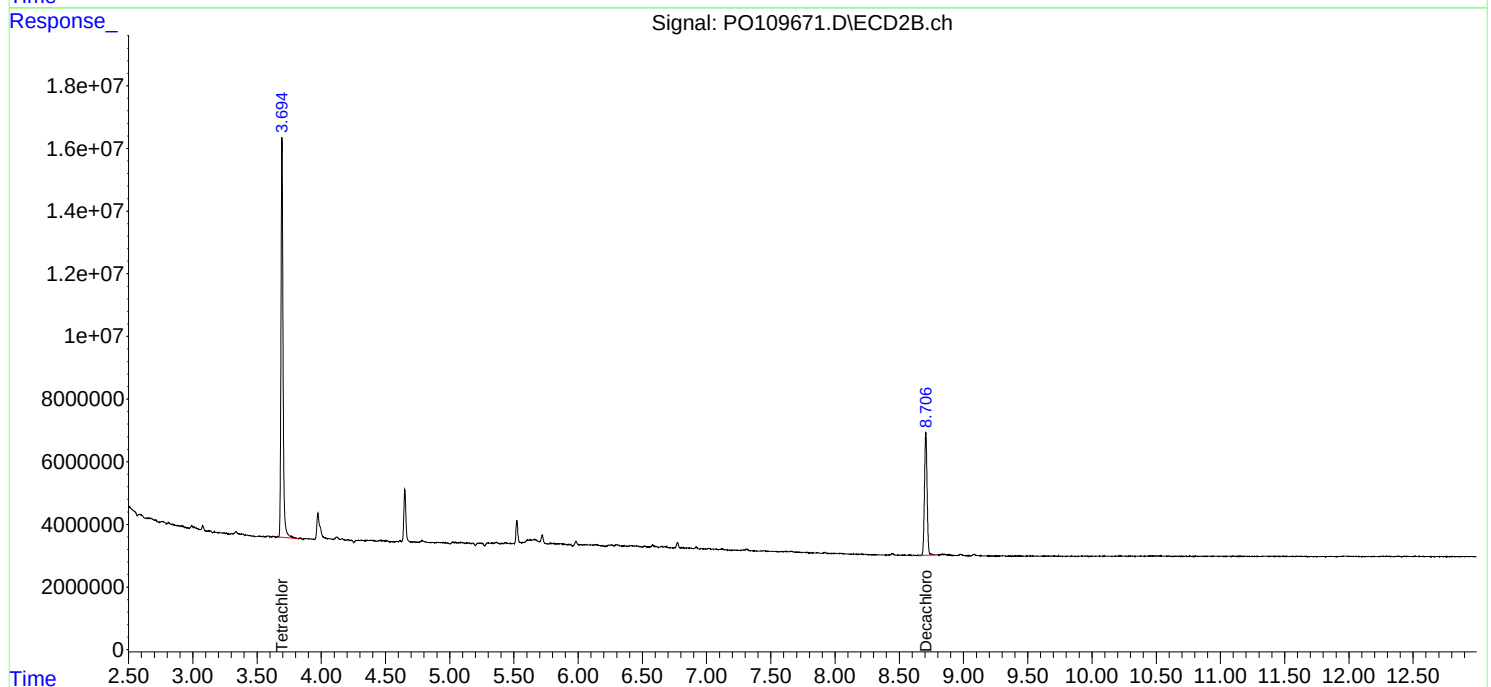
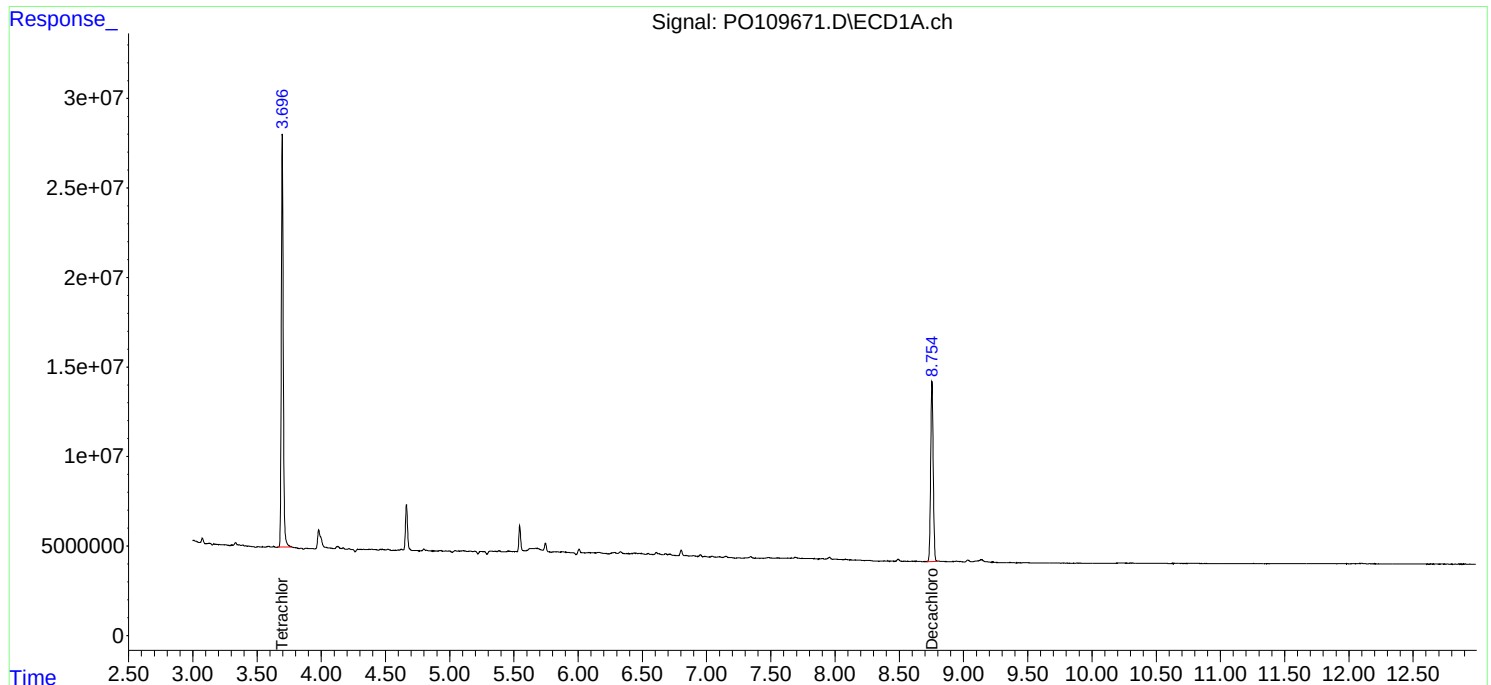
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

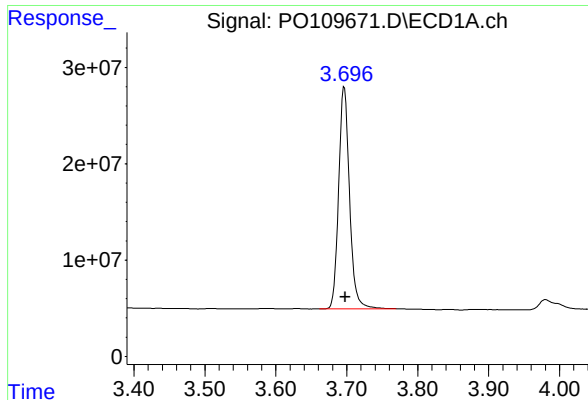
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 19:33
Operator : YP/AJ
Sample : Q1488-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ENV-104-GW01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:12:06 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

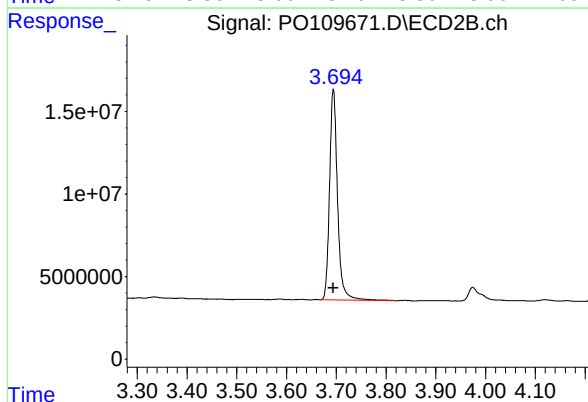




#1 Tetrachloro-m-xylene

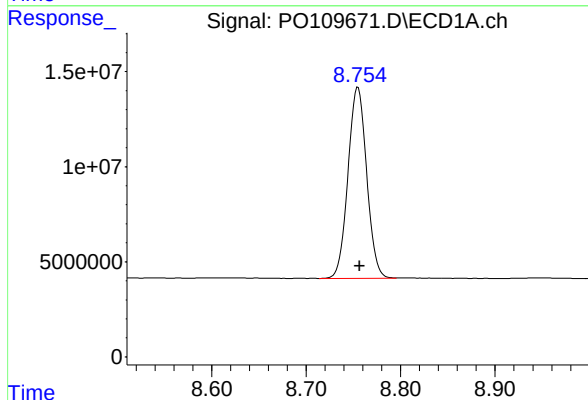
R.T.: 3.696 min
Delta R.T.: -0.002 min
Response: 244792446
Conc: 25.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
ENV-104-GW01



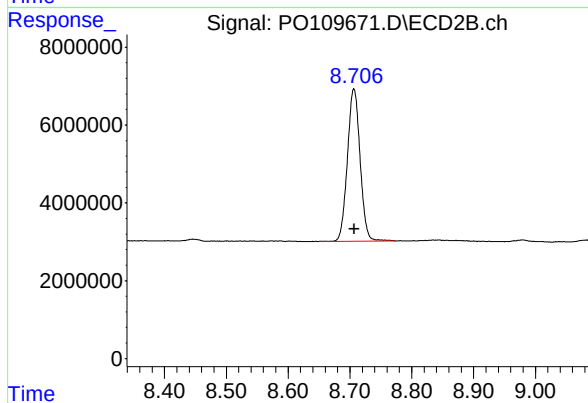
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 141692224
Conc: 27.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 138259689
Conc: 16.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: 0.000 min
Response: 55907868
Conc: 17.56 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
 Data File : PP070264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 14:58
 Operator : YP\AJ
 Sample : PB166985BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB166985BL

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:22:52 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...	4.528	3.830	36537103	23069736	24.895	24.131
2) SA Decachlor...	10.260	8.885	25312979	25823999	22.223	23.821

Target Compounds

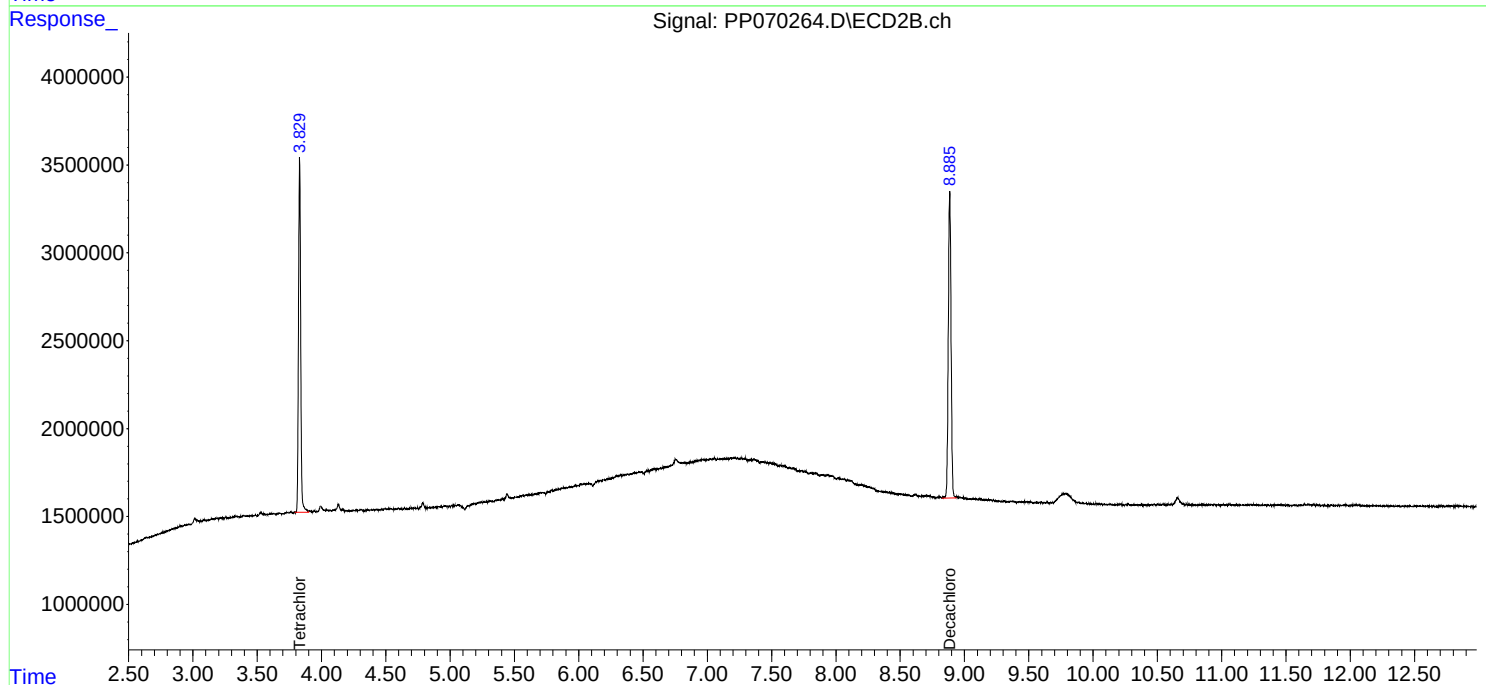
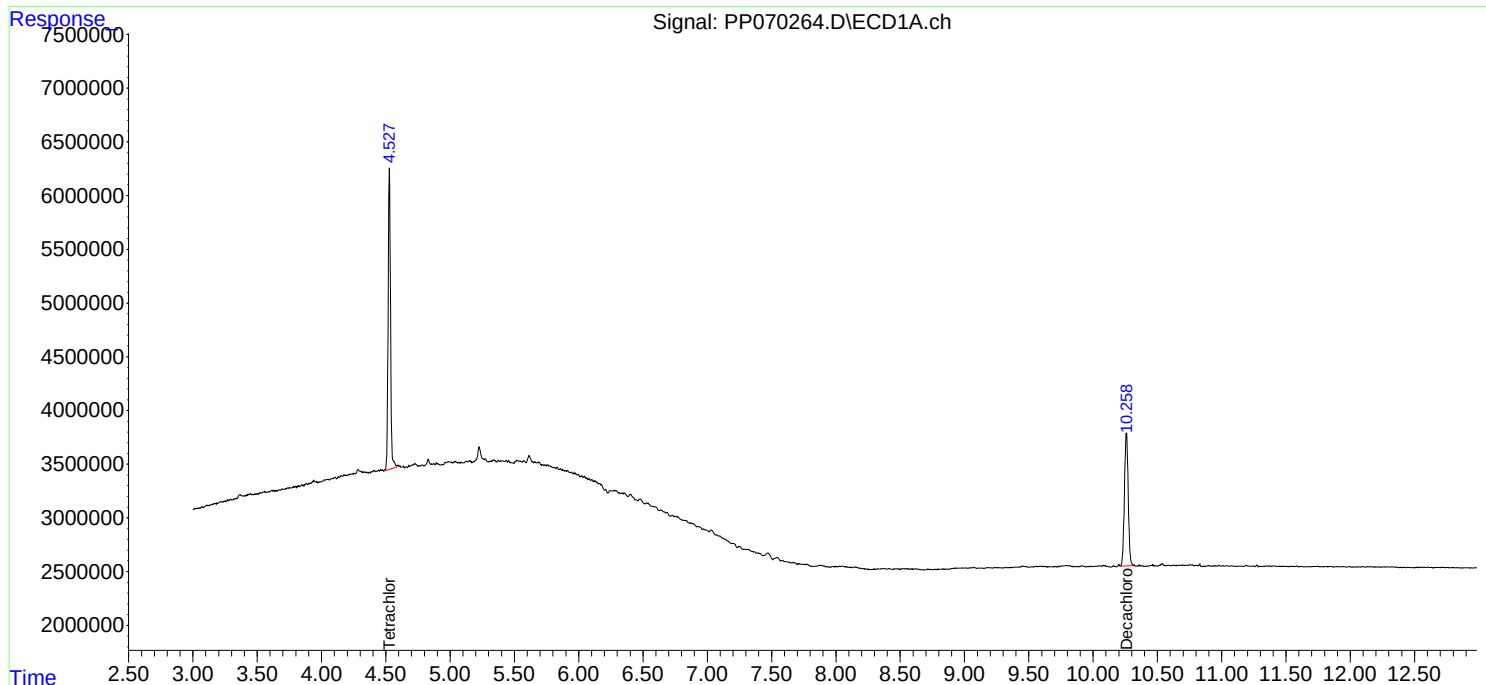
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

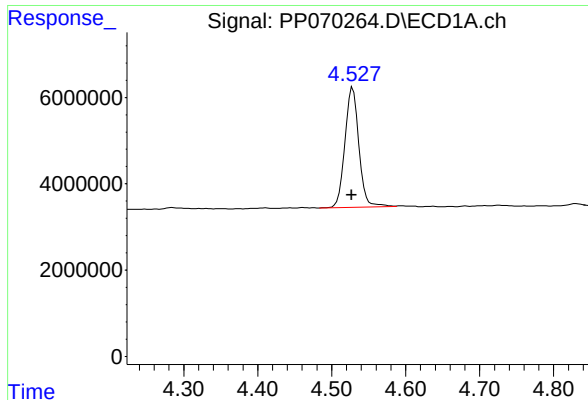
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 14:58
Operator : YP\AJ
Sample : PB166985BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166985BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:22:52 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

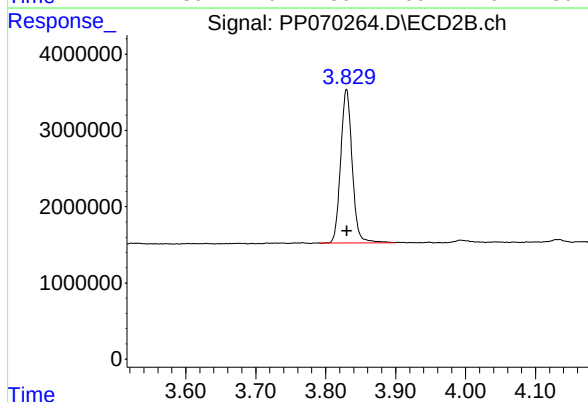




#1 Tetrachloro-m-xylene

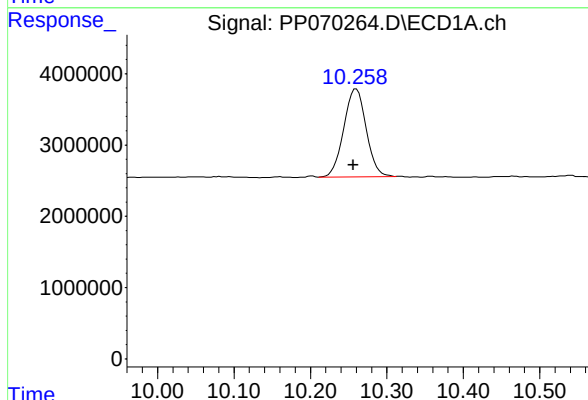
R.T.: 4.528 min
Delta R.T.: 0.001 min
Response: 36537103
Conc: 24.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166985BL



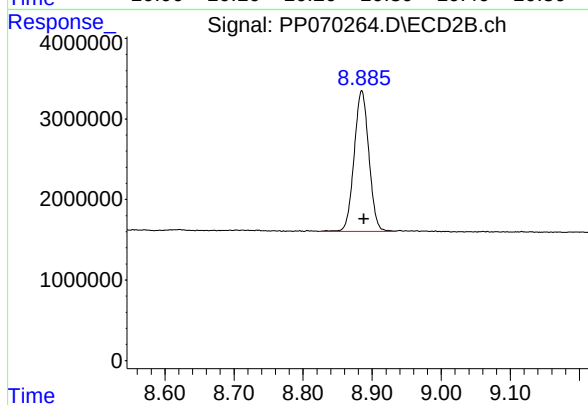
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 23069736
Conc: 24.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.260 min
Delta R.T.: 0.004 min
Response: 25312979
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.885 min
Delta R.T.: -0.003 min
Response: 25823999
Conc: 23.82 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030625\
 Data File : P0109667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 18:19
 Operator : YP/AJ
 Sample : PB167009BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167009BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:11:01 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	212.0E6	124.1E6	22.399	23.709
2) SA Decachlor...	8.755	8.708	176.0E6	69890341	20.458	21.949

Target Compounds

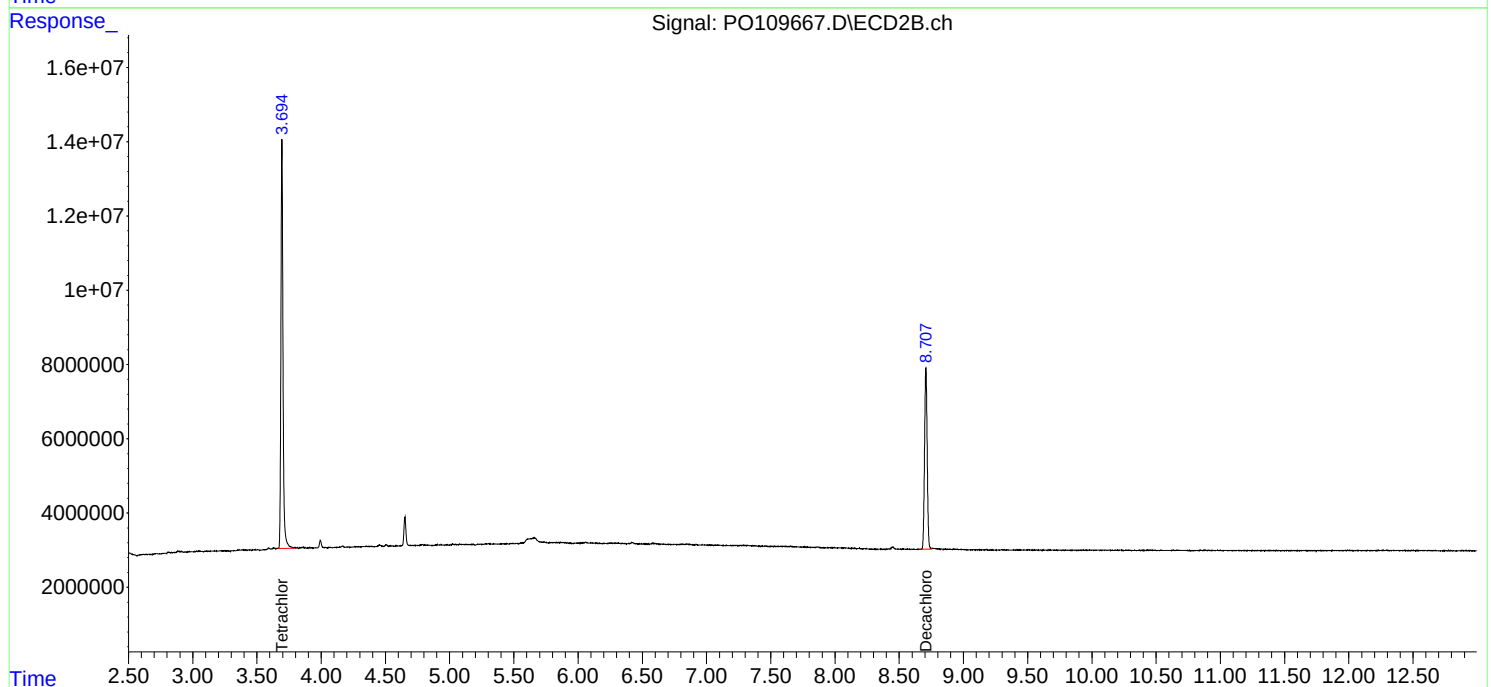
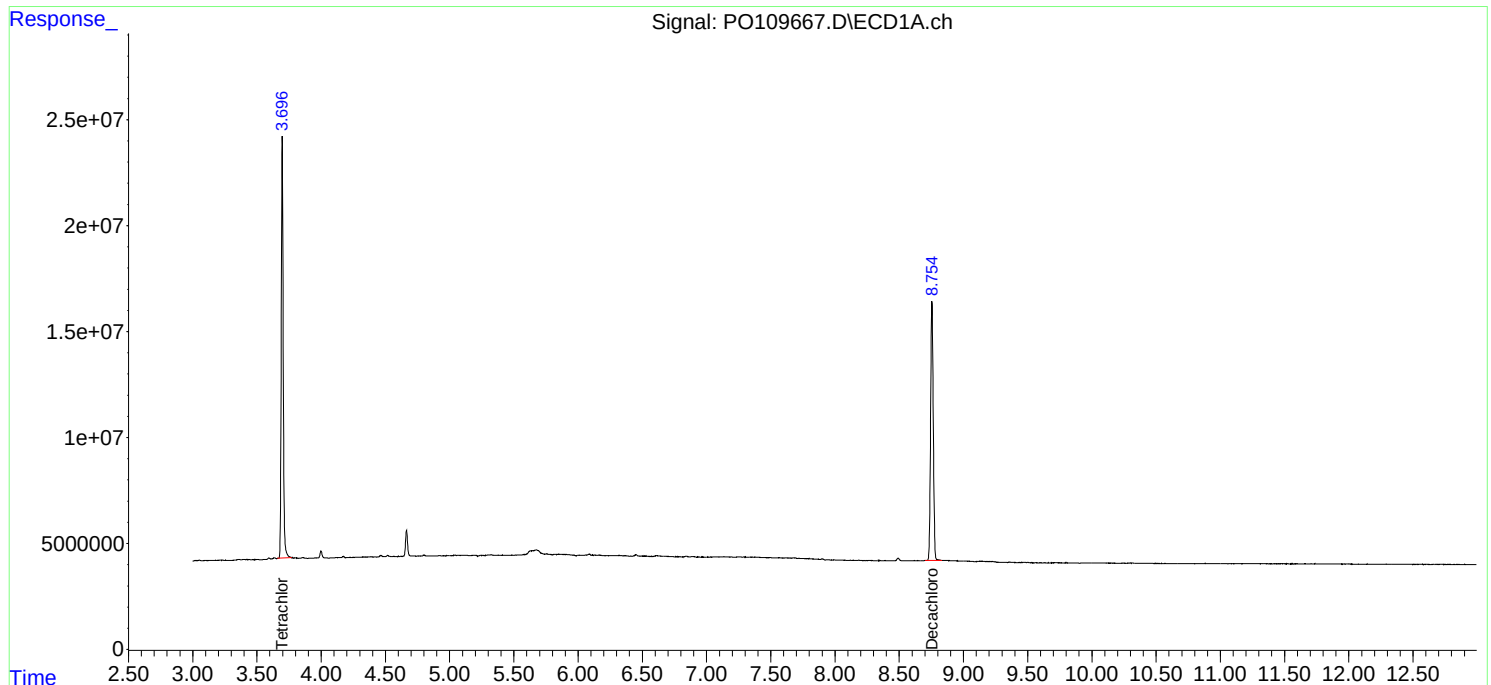
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

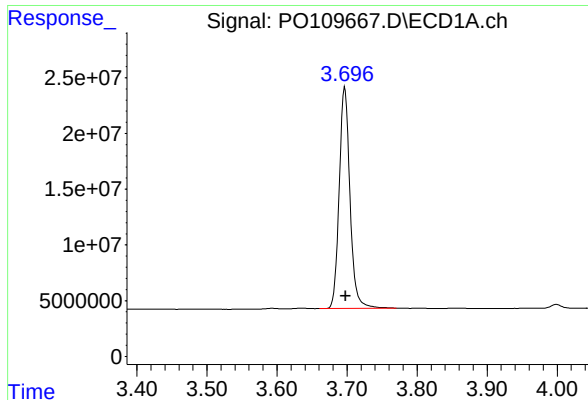
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:19
Operator : YP/AJ
Sample : PB167009BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167009BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:11:01 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

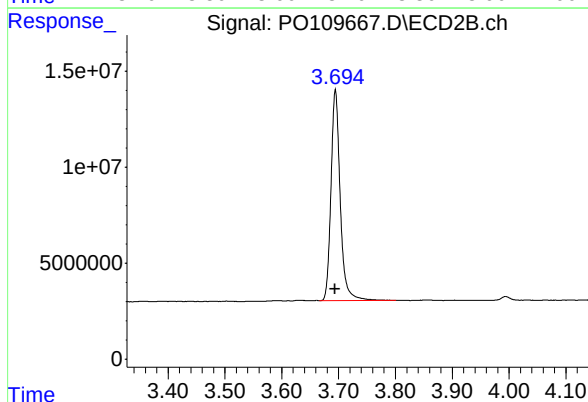




#1 Tetrachloro-m-xylene

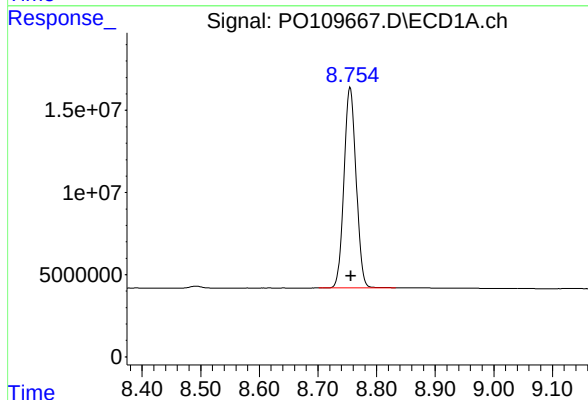
R.T.: 3.697 min
Delta R.T.: -0.001 min
Response: 212011233
Conc: 22.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB167009BL



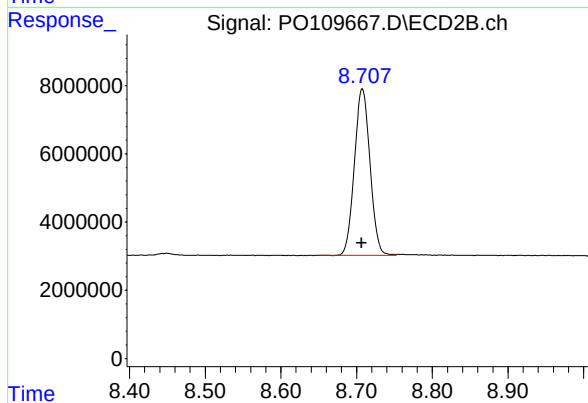
#1 Tetrachloro-m-xylene

R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 124096713
Conc: 23.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.002 min
Response: 175977136
Conc: 20.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 69890341
Conc: 21.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
 Data File : PP070265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 15:14
 Operator : YP\AJ
 Sample : PB166985BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB166985BS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:23:09 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...	4.527	3.828	37299874	23038088	25.415	24.098
2) SA Decachlor...	10.257	8.883	25627104	25728577	22.499	23.733
Target Compounds						
3) L1 AR-1016-1	5.680	4.917	24302558	16520528	487.747	494.648
4) L1 AR-1016-2	5.702	4.936	36163892	22891448	510.948	491.293
5) L1 AR-1016-3	5.764	5.113	21774692	12205975	495.753	487.607
6) L1 AR-1016-4	5.862	5.155	18221661	9819976	502.509	489.270
7) L1 AR-1016-5	6.155	5.370	16238591	12708622	484.177	489.800
31) L7 AR-1260-1	7.274	6.408	30866937	24597011	528.906	496.515
32) L7 AR-1260-2	7.528	6.595	40083696	32551534	490.469	497.577
33) L7 AR-1260-3	7.887	6.749	26882544	28492173	428.332	472.334
34) L7 AR-1260-4	8.111	7.222	28341344	22838040	447.017	467.347
35) L7 AR-1260-5	8.433	7.463	58809587	57971779	448.296	486.443

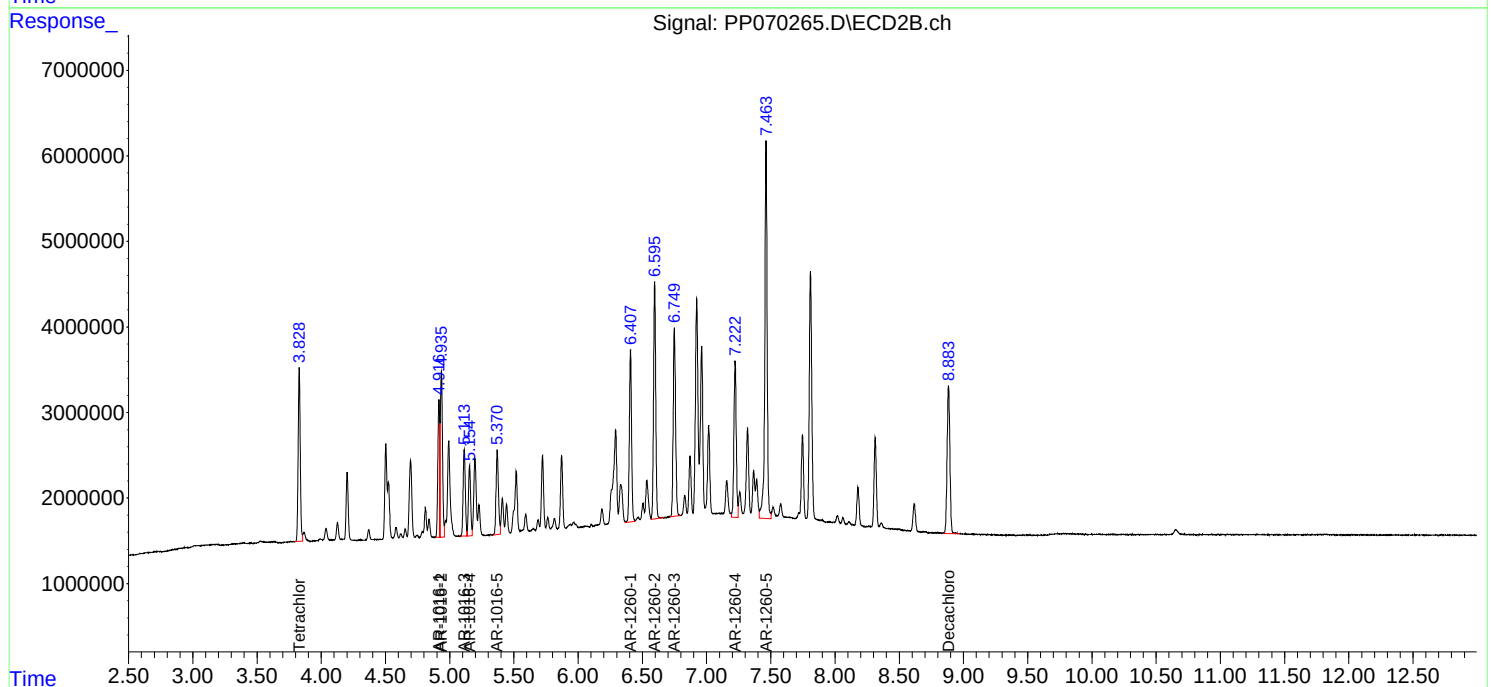
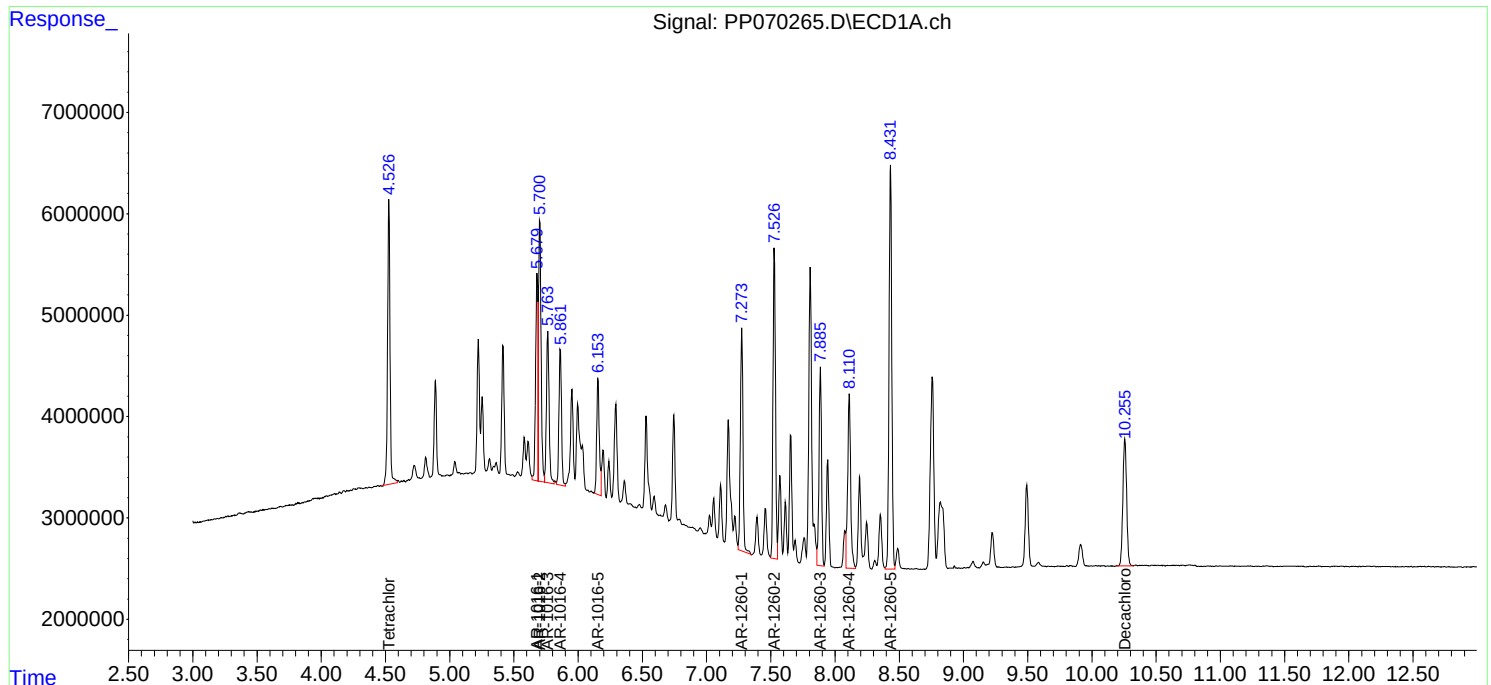
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 15:14
Operator : YP\AJ
Sample : PB166985BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166985BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:23:09 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0030625\
 Data File : P0109668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 18:38
 Operator : YP/AJ
 Sample : PB167009BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167009BS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:11:18 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	3.695	204.1E6	117.6E6	21.562	22.459
2) SA Decachlor...	8.756	8.707	177.4E6	70332299	20.621	22.087
Target Compounds						
3) L1 AR-1016-1	4.791	4.778	147.5E6	80086260	478.453	512.813
4) L1 AR-1016-2	4.811	4.797	202.5E6	112.6E6	481.082	520.162
5) L1 AR-1016-3	4.867	4.973	140.3E6	61650495	474.365	516.114
6) L1 AR-1016-4	4.987	5.015	111.0E6	51088448	478.871	490.902
7) L1 AR-1016-5	5.245	5.228	116.8E6	65927878	452.450	483.862
31) L7 AR-1260-1	6.288	6.261	222.2E6	120.6E6	476.667	508.992
32) L7 AR-1260-2	6.476	6.449	266.4E6	140.8E6	471.362	511.716
33) L7 AR-1260-3	6.845	6.602	190.0E6	130.3E6	399.537	510.760 #
34) L7 AR-1260-4	7.105	7.074	179.6E6	90197290	416.178	437.443
35) L7 AR-1260-5	7.347	7.315	429.7E6	202.6E6	432.382	452.357

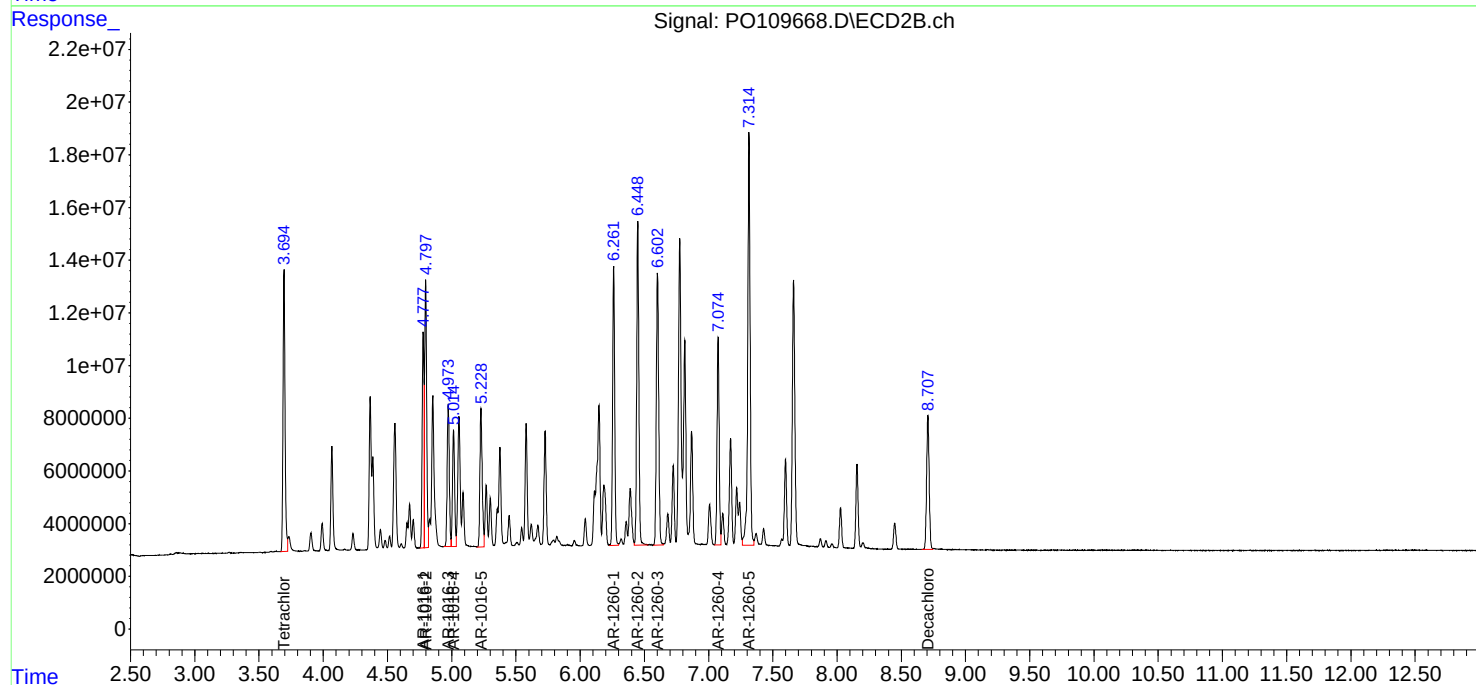
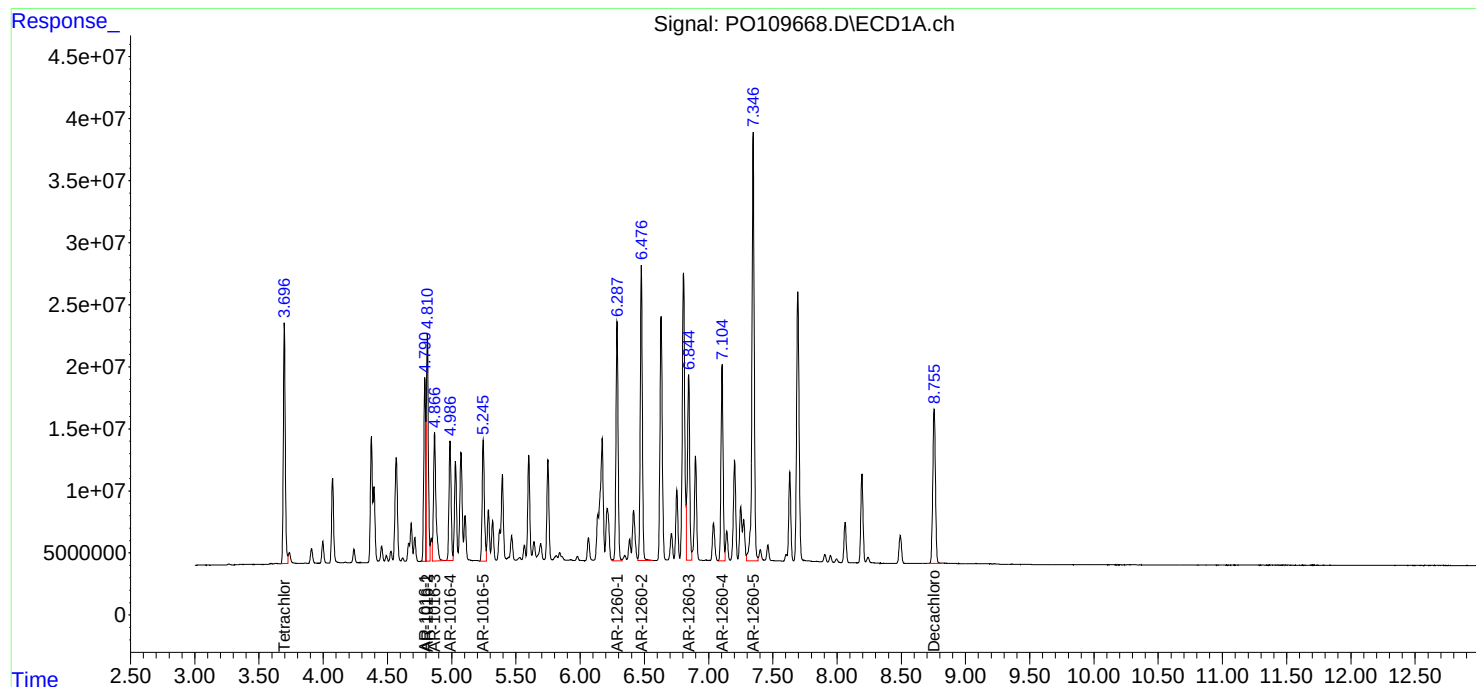
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109668.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:38
Operator : YP/AJ
Sample : PB167009BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167009BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:11:18 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_O\Data\P0030625\
 Data File : P0109669.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2025 18:56
 Operator : YP/AJ
 Sample : PB167009BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB167009BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 00:11:34 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...	3.696	3.694	203.2E6	116.9E6	21.471	22.334
2) SA Decachlor...	8.754	8.707	175.1E6	70503315	20.359	22.141
Target Compounds						
3) L1 AR-1016-1	4.790	4.777	145.8E6	79796618	472.916	510.958
4) L1 AR-1016-2	4.810	4.797	199.8E6	110.1E6	474.602	508.534
5) L1 AR-1016-3	4.866	4.972	139.6E6	61002971	471.922	510.694
6) L1 AR-1016-4	4.987	5.014	109.7E6	50343819	473.160	483.747
7) L1 AR-1016-5	5.245	5.227	115.2E6	65107823	446.213	477.843
31) L7 AR-1260-1	6.287	6.260	220.6E6	119.0E6	473.206	502.259
32) L7 AR-1260-2	6.475	6.448	265.6E6	139.2E6	470.068	505.948
33) L7 AR-1260-3	6.844	6.601	186.4E6	128.8E6	391.785	504.821 #
34) L7 AR-1260-4	7.104	7.073	176.0E6	89088446	407.756	432.065
35) L7 AR-1260-5	7.346	7.313	421.7E6	198.7E6	424.294	443.768

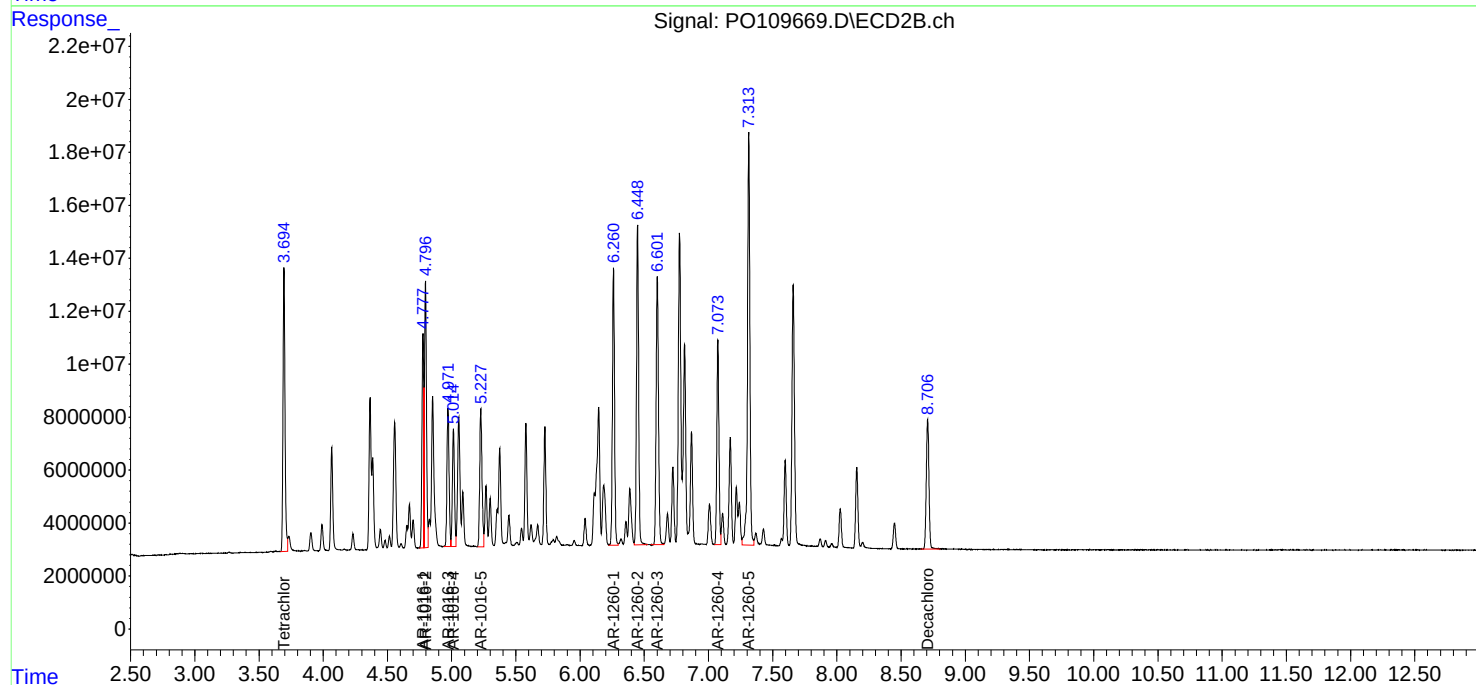
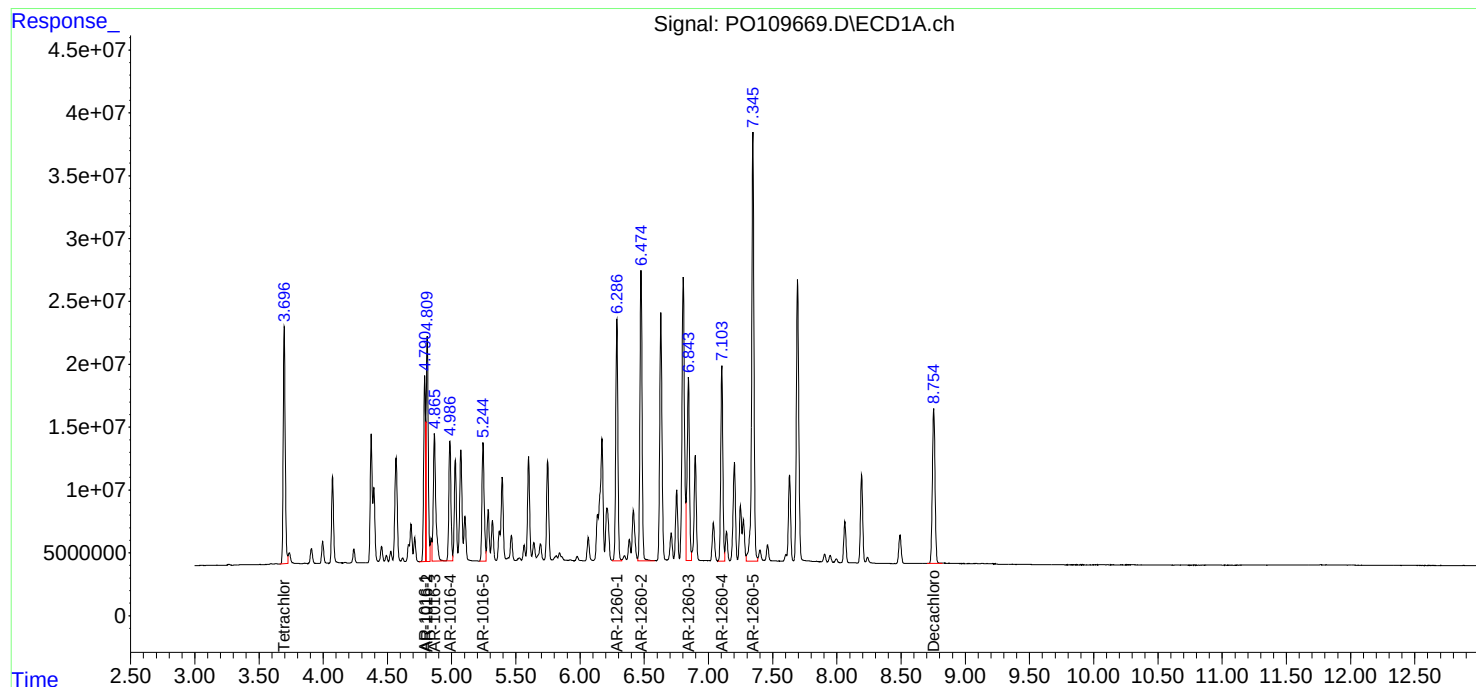
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO030625\
Data File : PO109669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2025 18:56
Operator : YP/AJ
Sample : PB167009BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB167009BSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 00:11:34 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\PP030525\
 Data File : PP070279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 19:35
 Operator : YP\AJ
 Sample : Q1488-03MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ENV-101-SB02MS

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 06 00:27:55 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	3.830	36613820	22702659	24.948	23.747
2) SA Decachlor...	10.257	8.885	22300185	22879135	19.578	21.104
Target Compounds						
3) L1 AR-1016-1	5.678	4.919	24607140	16942839	493.860	507.292
4) L1 AR-1016-2	5.700	4.938	36892937	23743103	521.249	509.572
5) L1 AR-1016-3	5.762	5.115	22019171	13243795	501.319	529.066
6) L1 AR-1016-4	5.860	5.157	18669745	10289756	514.866	512.676
7) L1 AR-1016-5	6.153	5.372	16428452	13206548	489.838	508.991
31) L7 AR-1260-1	7.273	6.410	29236348	24594685	500.966	496.469
32) L7 AR-1260-2	7.526	6.598	39121466	32383001	478.695	495.001
33) L7 AR-1260-3	7.885	6.752	27064720	28138926	431.234	466.478
34) L7 AR-1260-4	8.110	7.224	28810879	21910551	454.423	448.368
35) L7 AR-1260-5	8.431	7.465	57227833	54729148	436.239	459.234

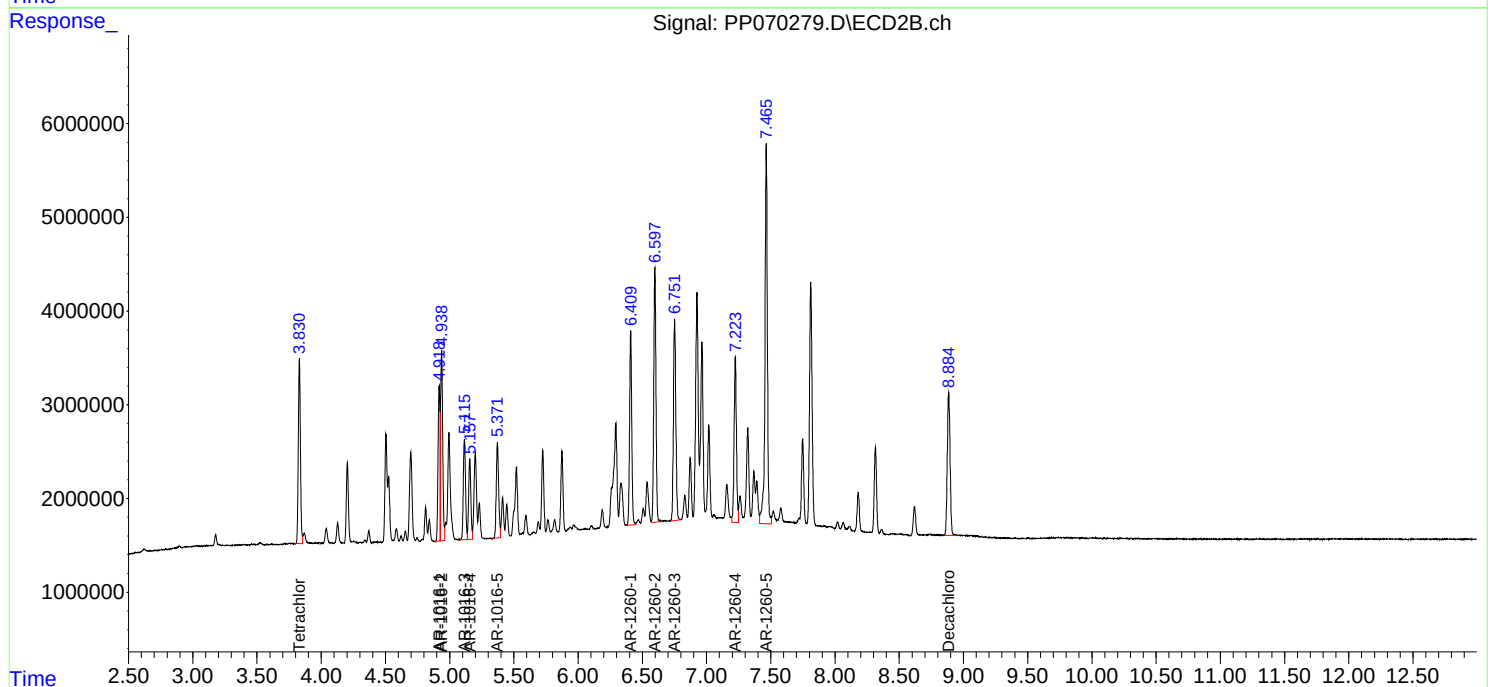
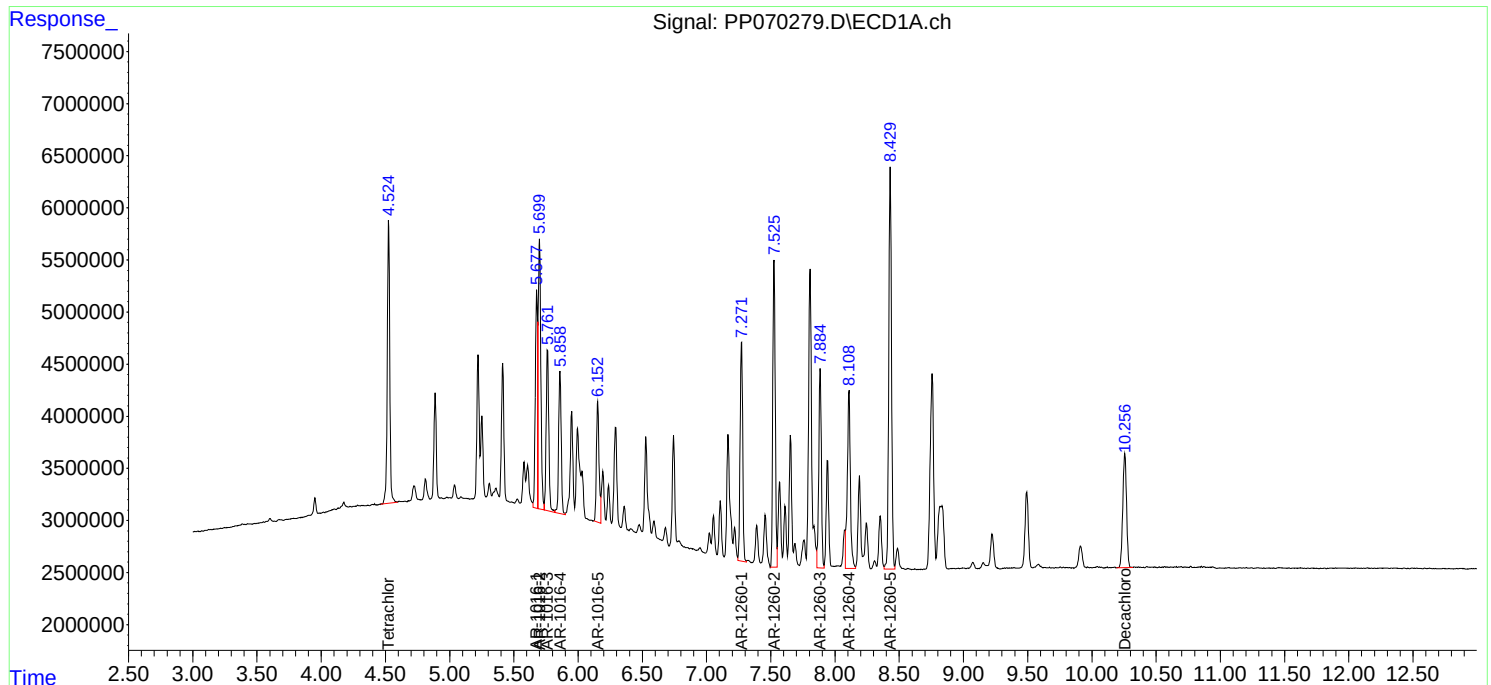
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 19:35
Operator : YP\AJ
Sample : Q1488-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ENV-101-SB02MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:27:55 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\PP030525\
 Data File : PP070280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2025 19:51
 Operator : YP\AJ
 Sample : Q1488-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

ENV-101-SB02MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 00:28:15 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	3.827	38846906	23542825	26.469	24.626
2) SA Decachlor...	10.256	8.883	25424556	26137658	22.321	24.110
Target Compounds						
3) L1 AR-1016-1	5.678	4.916	26411593	17372931	530.075	520.170
4) L1 AR-1016-2	5.700	4.935	37463187	24164652	529.306	518.619
5) L1 AR-1016-3	5.763	5.113	22874813	13267041	520.800	529.994
6) L1 AR-1016-4	5.860	5.154	19480889	10392848	537.235	517.812
7) L1 AR-1016-5	6.153	5.370	17313222	13389835	516.219	516.055
31) L7 AR-1260-1	7.273	6.408	30531058	25067977	523.150	506.022
32) L7 AR-1260-2	7.527	6.596	40884109	33460970	500.263	511.478
33) L7 AR-1260-3	7.886	6.749	28192079	29222122	449.197	484.435
34) L7 AR-1260-4	8.108	7.222	31836118	23368860	502.139m	478.210
35) L7 AR-1260-5	8.430	7.463	61409587	60382098	468.116	506.668

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP030525\
Data File : PP070280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Mar 2025 19:51
Operator : YP\AJ
Sample : Q1488-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

ENV-101-SB02MSD

Manual Integrations

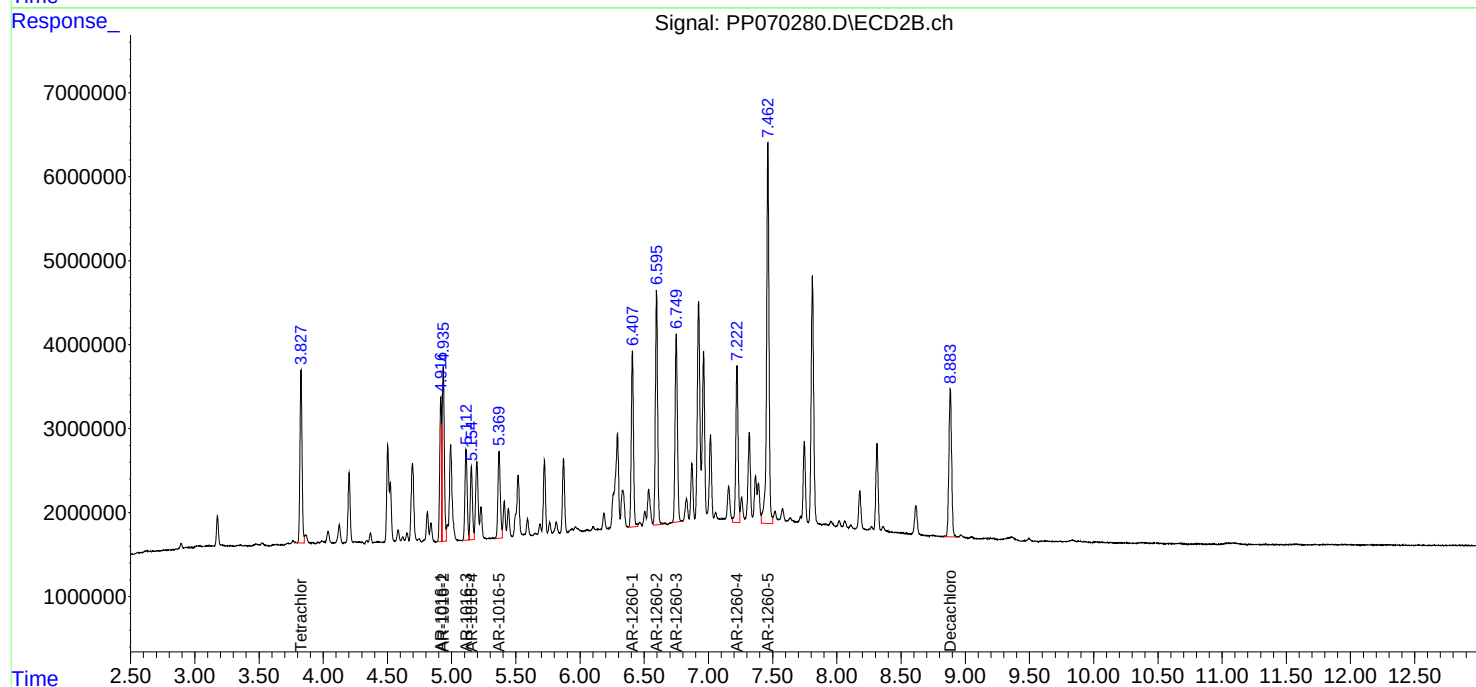
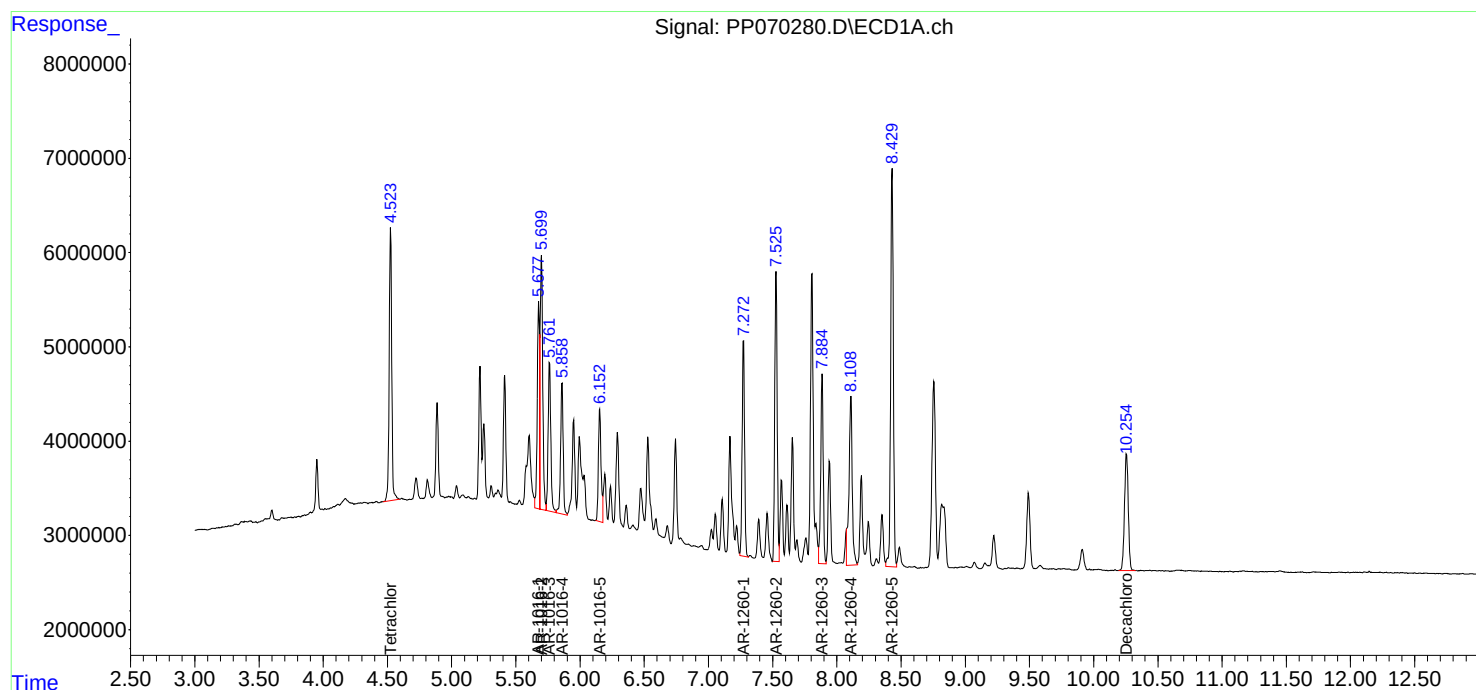
APPROVED

Reviewed By :Yogesh Patel 03/06/2025

Supervised By :mohammad ahmed 03/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 00:28:15 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

Manual Integration Report

Sequence:	PO030625	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO109648.D	AR-1016-5	yogesh	3/7/2025 7:30:27 AM	mohammad	3/8/2025 4:30:17	Peak Integrated by Software
AR1660CCC500	PO109648.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:27 AM	mohammad	3/8/2025 4:30:17	Peak Integrated by Software
AR1660CCC500	PO109662.D	AR-1016-5	yogesh	3/7/2025 7:30:36 AM	mohammad	3/8/2025 4:30:28	Peak Integrated by Software
AR1660CCC500	PO109662.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:36 AM	mohammad	3/8/2025 4:30:28	Peak Integrated by Software
AR1660CCC500	PO109677.D	AR-1016-5	yogesh	3/7/2025 7:30:43 AM	mohammad	3/8/2025 4:30:39	Peak Integrated by Software
AR1660CCC500	PO109677.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:43 AM	mohammad	3/8/2025 4:30:39	Peak Integrated by Software
AR1660CCC500	PO109692.D	AR-1016-5	yogesh	3/7/2025 7:30:54 AM	mohammad	3/8/2025 4:30:58	Peak Integrated by Software
AR1660CCC500	PO109692.D	AR-1016-5 #2	yogesh	3/7/2025 7:30:54 AM	mohammad	3/8/2025 4:30:58	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-1 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-2 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	Peak Integrated by Software
AR1254CCC500	PO109695.D	AR-1254-3 #2	yogesh	3/7/2025 7:30:56 AM	mohammad	3/8/2025 4:31:01	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:	PP030525	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP070254.D	AR-1254-4 #2	yogesh	3/6/2025 7:42:02 AM	mohammad	3/7/2025 1:29:10	Peak Integrated by Software
AR1242CCC500	PP070260.D	AR-1242-1	yogesh	3/6/2025 7:42:08 AM	mohammad	3/7/2025 1:29:21	Peak Integrated by Software
AR1242CCC500	PP070260.D	AR-1242-1 #2	yogesh	3/6/2025 7:42:08 AM	mohammad	3/7/2025 1:29:21	Peak Integrated by Software
AR1248CCC500	PP070261.D	AR-1248-1 #2	yogesh	3/6/2025 7:42:10 AM	mohammad	3/7/2025 1:29:25	Peak Integrated by Software
AR1254CCC500	PP070262.D	AR-1254-4 #2	yogesh	3/6/2025 7:42:12 AM	mohammad	3/7/2025 1:29:28	Peak Integrated by Software
AR1242CCC500	PP070275.D	AR-1242-1	yogesh	3/6/2025 7:42:25 AM	mohammad	3/7/2025 1:29:34	Peak Integrated by Software
AR1242CCC500	PP070275.D	AR-1242-1 #2	yogesh	3/6/2025 7:42:25 AM	mohammad	3/7/2025 1:29:34	Peak Integrated by Software
AR1248CCC500	PP070276.D	AR-1248-1 #2	yogesh	3/6/2025 7:42:26 AM	mohammad	3/7/2025 1:29:37	Peak Integrated by Software
AR1254CCC500	PP070277.D	AR-1254-4 #2	yogesh	3/6/2025 7:42:28 AM	mohammad	3/7/2025 1:29:39	Peak Integrated by Software
AR1254CCC500	PP070277.D	AR-1254-5	yogesh	3/6/2025 7:42:28 AM	mohammad	3/7/2025 1:29:39	Peak Integrated by Software
Q1488-03MSD	PP070280.D	AR-1260-4	yogesh	3/6/2025 7:42:56 AM	mohammad	3/7/2025 1:29:42	Peak Integrated by Software
AR1242CCC500	PP070290.D	AR-1242-1	yogesh	3/6/2025 7:42:30 AM	mohammad	3/7/2025 1:29:45	Peak Integrated by Software
AR1242CCC500	PP070290.D	AR-1242-1 #2	yogesh	3/6/2025 7:42:30 AM	mohammad	3/7/2025 1:29:45	Peak Integrated by Software

Manual Integration Report

Sequence:	PP030525	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP070291.D	AR-1248-1 #2	yogesh	3/6/2025 7:42:32 AM	mohammad	3/7/2025 1:29:47	Peak Integrated by Software
AR1254CCC500	PP070292.D	AR-1254-4 #2	yogesh	3/6/2025 7:42:34 AM	mohammad	3/7/2025 1:29:50	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 # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	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	PO109647.D	06 Mar 2025 09:28	YP/AJ	Ok
2	AR1660CCC500	PO109648.D	06 Mar 2025 10:05	YP/AJ	Ok,M
3	AR1242CCC500	PO109649.D	06 Mar 2025 10:24	YP/AJ	Ok
4	AR1248CCC500	PO109650.D	06 Mar 2025 10:42	YP/AJ	Ok
5	AR1254CCC500	PO109651.D	06 Mar 2025 11:00	YP/AJ	Ok
6	I.BLK	PO109652.D	06 Mar 2025 11:20	YP/AJ	Ok
7	PB167003BL	PO109653.D	06 Mar 2025 12:29	YP/AJ	Ok
8	PB167003BS	PO109654.D	06 Mar 2025 12:47	YP/AJ	Ok
9	Q1498-01	PO109655.D	06 Mar 2025 13:06	YP/AJ	Ok,M
10	Q1498-02	PO109656.D	06 Mar 2025 13:24	YP/AJ	Ok,M
11	Q1498-03	PO109657.D	06 Mar 2025 13:43	YP/AJ	Ok
12	Q1498-04	PO109658.D	06 Mar 2025 14:01	YP/AJ	Ok,M
13	Q1498-05	PO109659.D	06 Mar 2025 14:20	YP/AJ	Ok
14	Q1498-06	PO109660.D	06 Mar 2025 14:37	YP/AJ	Ok
15	Q1498-07	PO109661.D	06 Mar 2025 14:55	YP/AJ	Ok,M
16	AR1660CCC500	PO109662.D	06 Mar 2025 16:11	YP/AJ	Ok,M
17	AR1242CCC500	PO109663.D	06 Mar 2025 16:47	YP/AJ	Ok
18	AR1248CCC500	PO109664.D	06 Mar 2025 17:06	YP/AJ	Ok
19	AR1254CCC500	PO109665.D	06 Mar 2025 17:24	YP/AJ	Ok
20	I.BLK	PO109666.D	06 Mar 2025 18:01	YP/AJ	Ok
21	PB167009BL	PO109667.D	06 Mar 2025 18:19	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	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	PB167009BS	PO109668.D	06 Mar 2025 18:38	YP/AJ	Ok
23	PB167009BSD	PO109669.D	06 Mar 2025 18:56	YP/AJ	Ok
24	Q1488-13	PO109670.D	06 Mar 2025 19:15	YP/AJ	Ok
25	Q1488-14	PO109671.D	06 Mar 2025 19:33	YP/AJ	Ok
26	Q1494-01	PO109672.D	06 Mar 2025 19:51	YP/AJ	Ok
27	Q1437-07	PO109673.D	06 Mar 2025 20:10	YP/AJ	Dilution
28	Q1437-10	PO109674.D	06 Mar 2025 20:28	YP/AJ	Ok,M
29	Q1438-03	PO109675.D	06 Mar 2025 20:47	YP/AJ	Dilution
30	Q1438-05	PO109676.D	06 Mar 2025 21:04	YP/AJ	Dilution
31	AR1660CCC500	PO109677.D	06 Mar 2025 22:19	YP/AJ	Ok,M
32	AR1242CCC500	PO109678.D	06 Mar 2025 22:56	YP/AJ	Ok
33	AR1248CCC500	PO109679.D	06 Mar 2025 23:14	YP/AJ	Ok
34	AR1254CCC500	PO109680.D	06 Mar 2025 23:33	YP/AJ	Ok
35	I.BLK	PO109681.D	07 Mar 2025 00:09	YP/AJ	Ok
36	PB167022BL	PO109682.D	07 Mar 2025 00:28	YP/AJ	Ok
37	PB167022BS	PO109683.D	07 Mar 2025 00:46	YP/AJ	Ok
38	Q1433-03	PO109684.D	07 Mar 2025 01:05	YP/AJ	Ok,M
39	Q1433-06	PO109685.D	07 Mar 2025 01:23	YP/AJ	Dilution
40	Q1433-09	PO109686.D	07 Mar 2025 01:41	YP/AJ	Dilution
41	Q1434-02	PO109687.D	07 Mar 2025 02:00	YP/AJ	Dilution
42	Q1434-02MS	PO109688.D	07 Mar 2025 02:18	YP/AJ	Ok,M
43	Q1434-02MSD	PO109689.D	07 Mar 2025 02:37	YP/AJ	Ok,M
44	Q1434-05	PO109690.D	07 Mar 2025 02:55	YP/AJ	Dilution

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	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	Q1434-07	PO109691.D	07 Mar 2025 03:13	YP/AJ	Dilution
46	AR1660CCC500	PO109692.D	07 Mar 2025 04:29	YP/AJ	Ok,M
47	AR1242CCC500	PO109693.D	07 Mar 2025 05:05	YP/AJ	Ok
48	AR1248CCC500	PO109694.D	07 Mar 2025 05:24	YP/AJ	Ok
49	AR1254CCC500	PO109695.D	07 Mar 2025 05:42	YP/AJ	Ok,M
50	I.BLK	PO109696.D	07 Mar 2025 06:19	YP/AJ	Ok

M : Manual Integration

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

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030525

Review By	yogesh	Review On	3/5/2025 11:09:53 AM
Supervise By	mohammad	Supervise On	3/7/2025 1:28:32 AM
SubDirectory	PP030525	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	PP070250.D	05 Mar 2025 08:31	YP\AJ	Ok
2	AR1660CCC500	PP070251.D	05 Mar 2025 08:47	YP\AJ	Ok
3	AR1242CCC500	PP070252.D	05 Mar 2025 09:04	YP\AJ	Ok
4	AR1248CCC500	PP070253.D	05 Mar 2025 09:20	YP\AJ	Ok
5	AR1254CCC500	PP070254.D	05 Mar 2025 09:36	YP\AJ	Ok,M
6	I.BLK	PP070255.D	05 Mar 2025 09:52	YP\AJ	Ok
7	Q1476-01	PP070256.D	05 Mar 2025 10:09	YP\AJ	ReRun
8	Q1476-01RE	PP070257.D	05 Mar 2025 10:25	YP\AJ	Confirms
9	Q1473-02RE	PP070258.D	05 Mar 2025 11:00	YP\AJ	Confirms
10	AR1660CCC500	PP070259.D	05 Mar 2025 11:49	YP\AJ	Ok
11	AR1242CCC500	PP070260.D	05 Mar 2025 12:05	YP\AJ	Ok,M
12	AR1248CCC500	PP070261.D	05 Mar 2025 12:21	YP\AJ	Ok,M
13	AR1254CCC500	PP070262.D	05 Mar 2025 12:38	YP\AJ	Ok,M
14	I.BLK	PP070263.D	05 Mar 2025 12:54	YP\AJ	Ok
15	PB166985BL	PP070264.D	05 Mar 2025 14:58	YP\AJ	Ok
16	PB166985BS	PP070265.D	05 Mar 2025 15:14	YP\AJ	Ok
17	Q1481-01	PP070266.D	05 Mar 2025 15:31	YP\AJ	Ok
18	Q1482-01	PP070267.D	05 Mar 2025 15:47	YP\AJ	Ok,M
19	Q1484-01	PP070268.D	05 Mar 2025 16:03	YP\AJ	Ok
20	Q1485-01	PP070269.D	05 Mar 2025 16:19	YP\AJ	Ok
21	Q1486-01	PP070270.D	05 Mar 2025 16:36	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP030525

Review By	yogesh	Review On	3/5/2025 11:09:53 AM
Supervise By	mohammad	Supervise On	3/7/2025 1:28:32 AM
SubDirectory	PP030525	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	Q1487-01	PP070271.D	05 Mar 2025 16:52	YPIAJ	Ok
23	Q1488-01	PP070272.D	05 Mar 2025 17:08	YPIAJ	Ok
24	Q1488-03	PP070273.D	05 Mar 2025 17:25	YPIAJ	Ok
25	AR1660CCC500	PP070274.D	05 Mar 2025 18:13	YPIAJ	Ok
26	AR1242CCC500	PP070275.D	05 Mar 2025 18:30	YPIAJ	Ok,M
27	AR1248CCC500	PP070276.D	05 Mar 2025 18:46	YPIAJ	Ok,M
28	AR1254CCC500	PP070277.D	05 Mar 2025 19:02	YPIAJ	Ok,M
29	I.BLK	PP070278.D	05 Mar 2025 19:19	YPIAJ	Ok
30	Q1488-03MS	PP070279.D	05 Mar 2025 19:35	YPIAJ	Ok
31	Q1488-03MSD	PP070280.D	05 Mar 2025 19:51	YPIAJ	Ok,M
32	Q1488-05	PP070281.D	05 Mar 2025 20:08	YPIAJ	Ok
33	Q1488-07	PP070282.D	05 Mar 2025 20:24	YPIAJ	Ok
34	Q1488-09	PP070283.D	05 Mar 2025 20:40	YPIAJ	Ok
35	Q1488-11	PP070284.D	05 Mar 2025 20:56	YPIAJ	Ok
36	Q1489-01	PP070285.D	05 Mar 2025 21:13	YPIAJ	Ok
37	Q1489-05	PP070286.D	05 Mar 2025 21:29	YPIAJ	Ok
38	Q1489-09	PP070287.D	05 Mar 2025 21:45	YPIAJ	Ok
39	Q1489-13	PP070288.D	05 Mar 2025 22:02	YPIAJ	Ok
40	AR1660CCC500	PP070289.D	05 Mar 2025 22:50	YPIAJ	Ok
41	AR1242CCC500	PP070290.D	05 Mar 2025 23:07	YPIAJ	Ok,M
42	AR1248CCC500	PP070291.D	05 Mar 2025 23:23	YPIAJ	Ok,M
43	AR1254CCC500	PP070292.D	05 Mar 2025 23:39	YPIAJ	Ok,M
44	I.BLK	PP070293.D	05 Mar 2025 23:56	YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030525

Review By	yogesh	Review On	3/5/2025 11:09:53 AM
Supervise By	mohammad	Supervise On	3/7/2025 1:28:32 AM
SubDirectory	PP030525	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			

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#	Sampleld	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	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	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 # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	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	PO109647.D	06 Mar 2025 09:28		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO109648.D	06 Mar 2025 10:05		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO109649.D	06 Mar 2025 10:24		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO109650.D	06 Mar 2025 10:42		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO109651.D	06 Mar 2025 11:00		YP/AJ	Ok
6	I.BLK	I.BLK	PO109652.D	06 Mar 2025 11:20		YP/AJ	Ok
7	PB167003BL	PB167003BL	PO109653.D	06 Mar 2025 12:29		YP/AJ	Ok
8	PB167003BS	PB167003BS	PO109654.D	06 Mar 2025 12:47		YP/AJ	Ok
9	Q1498-01	4A-4B-4C-1928 BLD-W	PO109655.D	06 Mar 2025 13:06		YP/AJ	Ok,M
10	Q1498-02	5A-5B-5C-1985 BLDG	PO109656.D	06 Mar 2025 13:24		YP/AJ	Ok,M
11	Q1498-03	6A-6B-6C-1985	PO109657.D	06 Mar 2025 13:43		YP/AJ	Ok
12	Q1498-04	7A-7B-7C-ROOF-5	PO109658.D	06 Mar 2025 14:01		YP/AJ	Ok,M
13	Q1498-05	8A-8B-8C-ROOF-5	PO109659.D	06 Mar 2025 14:20		YP/AJ	Ok
14	Q1498-06	9A-9B-9C-ROOF-6	PO109660.D	06 Mar 2025 14:37		YP/AJ	Ok
15	Q1498-07	10A-10B-10C-ROOF-6	PO109661.D	06 Mar 2025 14:55		YP/AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PO109662.D	06 Mar 2025 16:11		YP/AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PO109663.D	06 Mar 2025 16:47		YP/AJ	Ok
18	AR1248CCC500	AR1248CCC500	PO109664.D	06 Mar 2025 17:06		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	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	AR1254CCC500	AR1254CCC500	PO109665.D	06 Mar 2025 17:24		YP/AJ	Ok
20	I.BLK	I.BLK	PO109666.D	06 Mar 2025 18:01		YP/AJ	Ok
21	PB167009BL	PB167009BL	PO109667.D	06 Mar 2025 18:19		YP/AJ	Ok
22	PB167009BS	PB167009BS	PO109668.D	06 Mar 2025 18:38		YP/AJ	Ok
23	PB167009BSD	PB167009BSD	PO109669.D	06 Mar 2025 18:56		YP/AJ	Ok
24	Q1488-13	ENV-102-GW01	PO109670.D	06 Mar 2025 19:15		YP/AJ	Ok
25	Q1488-14	ENV-104-GW01	PO109671.D	06 Mar 2025 19:33		YP/AJ	Ok
26	Q1494-01	PURGE-WATER	PO109672.D	06 Mar 2025 19:51		YP/AJ	Ok
27	Q1437-07	K084-13B	PO109673.D	06 Mar 2025 20:10	AR1254 + AR1268 Hit, Need 5x Dilution	YP/AJ	Dilution
28	Q1437-10	K084-14B	PO109674.D	06 Mar 2025 20:28	AR1254 + AR1268 Hit	YP/AJ	Ok,M
29	Q1438-03	K084-15C	PO109675.D	06 Mar 2025 20:47	AR1254 + AR1268 Hit, Need 20x Dilution	YP/AJ	Dilution
30	Q1438-05	K084-16C	PO109676.D	06 Mar 2025 21:04	AR1254 + AR1268 Hit, Need 10x Dilution	YP/AJ	Dilution
31	AR1660CCC500	AR1660CCC500	PO109677.D	06 Mar 2025 22:19		YP/AJ	Ok,M
32	AR1242CCC500	AR1242CCC500	PO109678.D	06 Mar 2025 22:56		YP/AJ	Ok
33	AR1248CCC500	AR1248CCC500	PO109679.D	06 Mar 2025 23:14		YP/AJ	Ok
34	AR1254CCC500	AR1254CCC500	PO109680.D	06 Mar 2025 23:33		YP/AJ	Ok
35	I.BLK	I.BLK	PO109681.D	07 Mar 2025 00:09		YP/AJ	Ok
36	PB167022BL	PB167022BL	PO109682.D	07 Mar 2025 00:28		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO030625

Review By	yogesh	Review On	3/6/2025 10:53:50 AM
Supervise By	mohammad	Supervise On	3/8/2025 4:31:13 AM
SubDirectory	PO030625	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			

37	PB167022BS	PB167022BS	PO109683.D	07 Mar 2025 00:46		YP/AJ	Ok
38	Q1433-03	K084-1C	PO109684.D	07 Mar 2025 01:05	AR1254 + AR1268 Hit	YP/AJ	Ok,M
39	Q1433-06	K084-2C	PO109685.D	07 Mar 2025 01:23	AR1254 + AR1268 Hit, Need 2x Dilution	YP/AJ	Dilution
40	Q1433-09	K084-3C	PO109686.D	07 Mar 2025 01:41	AR1254 + AR1268 Hit, Need 4x dilution	YP/AJ	Dilution
41	Q1434-02	K084-4C	PO109687.D	07 Mar 2025 02:00	AR1254 + AR1268 Hit, Need 5x dilution	YP/AJ	Dilution
42	Q1434-02MS	K084-4CMS	PO109688.D	07 Mar 2025 02:18	AR1660 Recovery Fai	YP/AJ	Ok,M
43	Q1434-02MSD	K084-4CMSD	PO109689.D	07 Mar 2025 02:37		YP/AJ	Ok,M
44	Q1434-05	K084-5C	PO109690.D	07 Mar 2025 02:55	AR1254 + AR1268 Hit, Need 5x dilution	YP/AJ	Dilution
45	Q1434-07	K084-6C	PO109691.D	07 Mar 2025 03:13	AR1254 + AR1268 Hit, need 4x dilution, DCB High in both column	YP/AJ	Dilution
46	AR1660CCC500	AR1660CCC500	PO109692.D	07 Mar 2025 04:29		YP/AJ	Ok,M
47	AR1242CCC500	AR1242CCC500	PO109693.D	07 Mar 2025 05:05		YP/AJ	Ok
48	AR1248CCC500	AR1248CCC500	PO109694.D	07 Mar 2025 05:24		YP/AJ	Ok
49	AR1254CCC500	AR1254CCC500	PO109695.D	07 Mar 2025 05:42		YP/AJ	Ok,M
50	I.BLK	I.BLK	PO109696.D	07 Mar 2025 06:19		YP/AJ	Ok

M : Manual Integration

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		YPIAJ	Ok
2	I.BLK	I.BLK	PP069995.D	24 Feb 2025 14:43		YPIAJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP069996.D	24 Feb 2025 14:59		YPIAJ	Ok
4	AR1660ICC750	AR1660ICC750	PP069997.D	24 Feb 2025 15:15		YPIAJ	Ok
5	AR1660ICC500	AR1660ICC500	PP069998.D	24 Feb 2025 15:32		YPIAJ	Ok
6	AR1660ICC250	AR1660ICC250	PP069999.D	24 Feb 2025 15:48		YPIAJ	Ok
7	AR1660ICC050	AR1660ICC050	PP070000.D	24 Feb 2025 16:04		YPIAJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP070001.D	24 Feb 2025 16:20		YPIAJ	Ok,M
9	AR1232ICC500	AR1232ICC500	PP070002.D	24 Feb 2025 16:37		YPIAJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP070003.D	24 Feb 2025 16:53		YPIAJ	Ok
11	AR1242ICC750	AR1242ICC750	PP070004.D	24 Feb 2025 17:09		YPIAJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP070005.D	24 Feb 2025 17:25		YPIAJ	Ok
13	AR1242ICC250	AR1242ICC250	PP070006.D	24 Feb 2025 17:42		YPIAJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP070007.D	24 Feb 2025 17:58		YPIAJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP070008.D	24 Feb 2025 18:14		YPIAJ	Ok
16	AR1248ICC750	AR1248ICC750	PP070009.D	24 Feb 2025 18:30		YPIAJ	Ok
17	AR1248ICC500	AR1248ICC500	PP070010.D	24 Feb 2025 18:46		YPIAJ	Ok
18	AR1248ICC250	AR1248ICC250	PP070011.D	24 Feb 2025 19:03		YPIAJ	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 # PP030525

Review By	yogesh	Review On	3/5/2025 11:09:53 AM
Supervise By	mohammad	Supervise On	3/7/2025 1:28:32 AM
SubDirectory	PP030525	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,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			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP070250.D	05 Mar 2025 08:31		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP070251.D	05 Mar 2025 08:47		YPIAJ	Ok
3	AR1242CCC500	AR1242CCC500	PP070252.D	05 Mar 2025 09:04		YPIAJ	Ok
4	AR1248CCC500	AR1248CCC500	PP070253.D	05 Mar 2025 09:20		YPIAJ	Ok
5	AR1254CCC500	AR1254CCC500	PP070254.D	05 Mar 2025 09:36		YPIAJ	Ok,M
6	I.BLK	I.BLK	PP070255.D	05 Mar 2025 09:52		YPIAJ	Ok
7	Q1476-01	TRE-25-0014	PP070256.D	05 Mar 2025 10:09	AR1242 4 peak report, DCB LOW both column	YPIAJ	ReRun
8	Q1476-01RE	TRE-25-0014RE	PP070257.D	05 Mar 2025 10:25	AR1242 4 peak report, DCB LOW both column	YPIAJ	Confirms
9	Q1473-02RE	BUR-1293RE	PP070258.D	05 Mar 2025 11:00	DCB not detected	YPIAJ	Confirms
10	AR1660CCC500	AR1660CCC500	PP070259.D	05 Mar 2025 11:49		YPIAJ	Ok
11	AR1242CCC500	AR1242CCC500	PP070260.D	05 Mar 2025 12:05		YPIAJ	Ok,M
12	AR1248CCC500	AR1248CCC500	PP070261.D	05 Mar 2025 12:21		YPIAJ	Ok,M
13	AR1254CCC500	AR1254CCC500	PP070262.D	05 Mar 2025 12:38		YPIAJ	Ok,M
14	I.BLK	I.BLK	PP070263.D	05 Mar 2025 12:54		YPIAJ	Ok
15	PB166985BL	PB166985BL	PP070264.D	05 Mar 2025 14:58		YPIAJ	Ok
16	PB166985BS	PB166985BS	PP070265.D	05 Mar 2025 15:14		YPIAJ	Ok
17	Q1481-01	WC-K1311	PP070266.D	05 Mar 2025 15:31		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030525

Review By	yogesh	Review On	3/5/2025 11:09:53 AM
Supervise By	mohammad	Supervise On	3/7/2025 1:28:32 AM
SubDirectory	PP030525	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,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			

18	Q1482-01	OR-03-030425	PP070267.D	05 Mar 2025 15:47		YPIAJ	Ok,M
19	Q1484-01	TR-OTR-COMP-01	PP070268.D	05 Mar 2025 16:03		YPIAJ	Ok
20	Q1485-01	DN-B-41	PP070269.D	05 Mar 2025 16:19		YPIAJ	Ok
21	Q1486-01	DN-B-40	PP070270.D	05 Mar 2025 16:36		YPIAJ	Ok
22	Q1487-01	DN-B-42	PP070271.D	05 Mar 2025 16:52		YPIAJ	Ok
23	Q1488-01	ENV-101-SB01	PP070272.D	05 Mar 2025 17:08		YPIAJ	Ok
24	Q1488-03	ENV-101-SB02	PP070273.D	05 Mar 2025 17:25		YPIAJ	Ok
25	AR1660CCC500	AR1660CCC500	PP070274.D	05 Mar 2025 18:13		YPIAJ	Ok
26	AR1242CCC500	AR1242CCC500	PP070275.D	05 Mar 2025 18:30		YPIAJ	Ok,M
27	AR1248CCC500	AR1248CCC500	PP070276.D	05 Mar 2025 18:46		YPIAJ	Ok,M
28	AR1254CCC500	AR1254CCC500	PP070277.D	05 Mar 2025 19:02		YPIAJ	Ok,M
29	I.BLK	I.BLK	PP070278.D	05 Mar 2025 19:19		YPIAJ	Ok
30	Q1488-03MS	ENV-101-SB02MS	PP070279.D	05 Mar 2025 19:35		YPIAJ	Ok
31	Q1488-03MSD	ENV-101-SB02MSD	PP070280.D	05 Mar 2025 19:51		YPIAJ	Ok,M
32	Q1488-05	ENV-102-SB01	PP070281.D	05 Mar 2025 20:08		YPIAJ	Ok
33	Q1488-07	ENV-102-SB02	PP070282.D	05 Mar 2025 20:24		YPIAJ	Ok
34	Q1488-09	ENV-104-SB01	PP070283.D	05 Mar 2025 20:40		YPIAJ	Ok
35	Q1488-11	ENV-104-SB02	PP070284.D	05 Mar 2025 20:56		YPIAJ	Ok
36	Q1489-01	TP-1	PP070285.D	05 Mar 2025 21:13		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP030525

Review By	yogesh	Review On	3/5/2025 11:09:53 AM
Supervise By	mohammad	Supervise On	3/7/2025 1:28:32 AM
SubDirectory	PP030525	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			
	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		

37	Q1489-05	TP-2	PP070286.D	05 Mar 2025 21:29		YPIAJ	Ok
38	Q1489-09	TP-3	PP070287.D	05 Mar 2025 21:45		YPIAJ	Ok
39	Q1489-13	TP-4	PP070288.D	05 Mar 2025 22:02		YPIAJ	Ok
40	AR1660CCC500	AR1660CCC500	PP070289.D	05 Mar 2025 22:50		YPIAJ	Ok
41	AR1242CCC500	AR1242CCC500	PP070290.D	05 Mar 2025 23:07		YPIAJ	Ok,M
42	AR1248CCC500	AR1248CCC500	PP070291.D	05 Mar 2025 23:23		YPIAJ	Ok,M
43	AR1254CCC500	AR1254CCC500	PP070292.D	05 Mar 2025 23:39		YPIAJ	Ok,M
44	I.BLK	I.BLK	PP070293.D	05 Mar 2025 23:56		YPIAJ	Ok

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 03/05/2025

Extraction Start Time : 09:10

Extraction End Date : 03/05/2025

Extraction End Time : 12:10

Concentration By: EH

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	PP24123
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.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

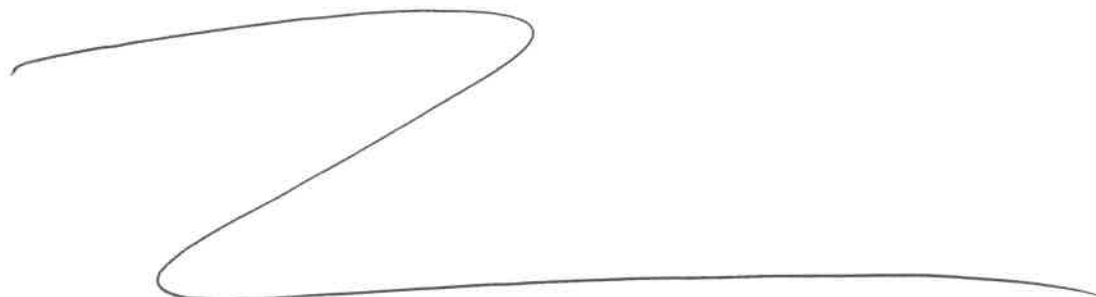
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/5/25	RS (Ext Lab)	Y-P. Pest/1903
12:15	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 03/05/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166985BL	ABLK985	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB166985BS	ALCS985	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q1481-01	WC-K1311	PCB	30.07	N/A	ritesh	Evelyn	10	E		3
Q1482-01	OR-03-030425	PCB	30.06	N/A	ritesh	Evelyn	10	E		4
Q1484-01	TR-OTR-COMP-01	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q1485-01	DN-B-41	PCB	30.03	N/A	ritesh	Evelyn	10	B		6
Q1486-01	DN-B-40	PCB	30.05	N/A	ritesh	Evelyn	10	B		U3-1
Q1487-01	DN-B-42	PCB	30.02	N/A	ritesh	Evelyn	10	C		2
Q1488-01	ENV-101-SB01	PCB	30.09	N/A	ritesh	Evelyn	10	E		3
Q1488-03	ENV-101-SB02	PCB	30.01	N/A	ritesh	Evelyn	10	E		4
Q1488-03MS	ENV-101-SB02MS	PCB	30.07	N/A	ritesh	Evelyn	10	E		5
Q1488-03MS D	ENV-101-SB02MSD	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q1488-05	ENV-102-SB01	PCB	30.08	N/A	ritesh	Evelyn	10	E		U6-1
Q1488-07	ENV-102-SB02	PCB	30.02	N/A	ritesh	Evelyn	10	E		2
Q1488-09	ENV-104-SB01	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q1488-11	ENV-104-SB02	PCB	30.08	N/A	ritesh	Evelyn	10	E		4
Q1489-01	TP-1	PCB	30.07	N/A	ritesh	Evelyn	10	E		5
Q1489-05	TP-2	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q1489-09	TP-3	PCB	30.04	N/A	ritesh	Evelyn	10	E		U7-1
Q1489-13	TP-4	PCB	30.08	N/A	ritesh	Evelyn	10	E		2



RS
3/5

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1482

WorkList ID : 188025

Department : Extraction

Date : 03-05-2025 08:27:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1481-01	WC-K1311	Solid	PCB	Cool 4 deg C	PSEG03	H31	03/04/2025	8082A
Q1482-01	OR-03-030425	Solid	PCB	Cool 4 deg C	PSEG05	H31	03/04/2025	8082A
Q1484-01	TR-OTR-COMP-01	Solid	PCB	Cool 4 deg C	PSEG03	H31	03/04/2025	8082A
Q1485-01	DN-B-41	Solid	PCB	Cool 4 deg C	JPCL01	I11	03/04/2025	8082A
Q1486-01	DN-B-40	Solid	PCB	Cool 4 deg C	JPCL01	I11	03/04/2025	8082A
Q1487-01	DN-B-42	Solid	PCB	Cool 4 deg C	JPCL01	I11	03/04/2025	8082A
Q1488-01	ENV-101-SB01	Solid	PCB	Cool 4 deg C	PORT06	H31	03/04/2025	8082A
Q1488-03	ENV-101-SB02	Solid	PCB	Cool 4 deg C	PORT06	H31	03/04/2025	8082A
Q1488-05	ENV-102-SB01	Solid	PCB	Cool 4 deg C	PORT06	H31	03/04/2025	8082A
Q1488-07	ENV-102-SB02	Solid	PCB	Cool 4 deg C	PORT06	H31	03/04/2025	8082A
Q1488-09	ENV-104-SB01	Solid	PCB	Cool 4 deg C	PORT06	H31	03/04/2025	8082A
Q1488-11	ENV-104-SB02	Solid	PCB	Cool 4 deg C	PORT06	H31	03/04/2025	8082A
Q1489-01	TP-1	Solid	PCB	Cool 4 deg C	PSEG03	I22	03/04/2025	8082A
Q1489-05	TP-2	Solid	PCB	Cool 4 deg C	PSEG03	I22	03/04/2025	8082A
Q1489-09	TP-3	Solid	PCB	Cool 4 deg C	PSEG03	I22	03/04/2025	8082A
Q1489-13	TP-4	Solid	PCB	Cool 4 deg C	PSEG03	I22	03/04/2025	8082A

Date/Time 3/5/25 9:05

Raw Sample Received by: RJ (Ext 66)

Raw Sample Relinquished by: AU 34

Date/Time 3/5/25 9:35

Raw Sample Received by: AU 54

Raw Sample Relinquished by: RJ (Ext 66)

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

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 03/06/2025

Matrix : Water

Extraction Start Time : 09:05

Weigh By: N/A

Extraction By: RS

Extraction End Date : 03/06/2025

Balance check: N/A

Filter By: RS

Extraction End Time : 13:45

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	PP24123
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. Q1488-13 Limited volume received.

KD Bath ID: WATER BATH-1,2

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

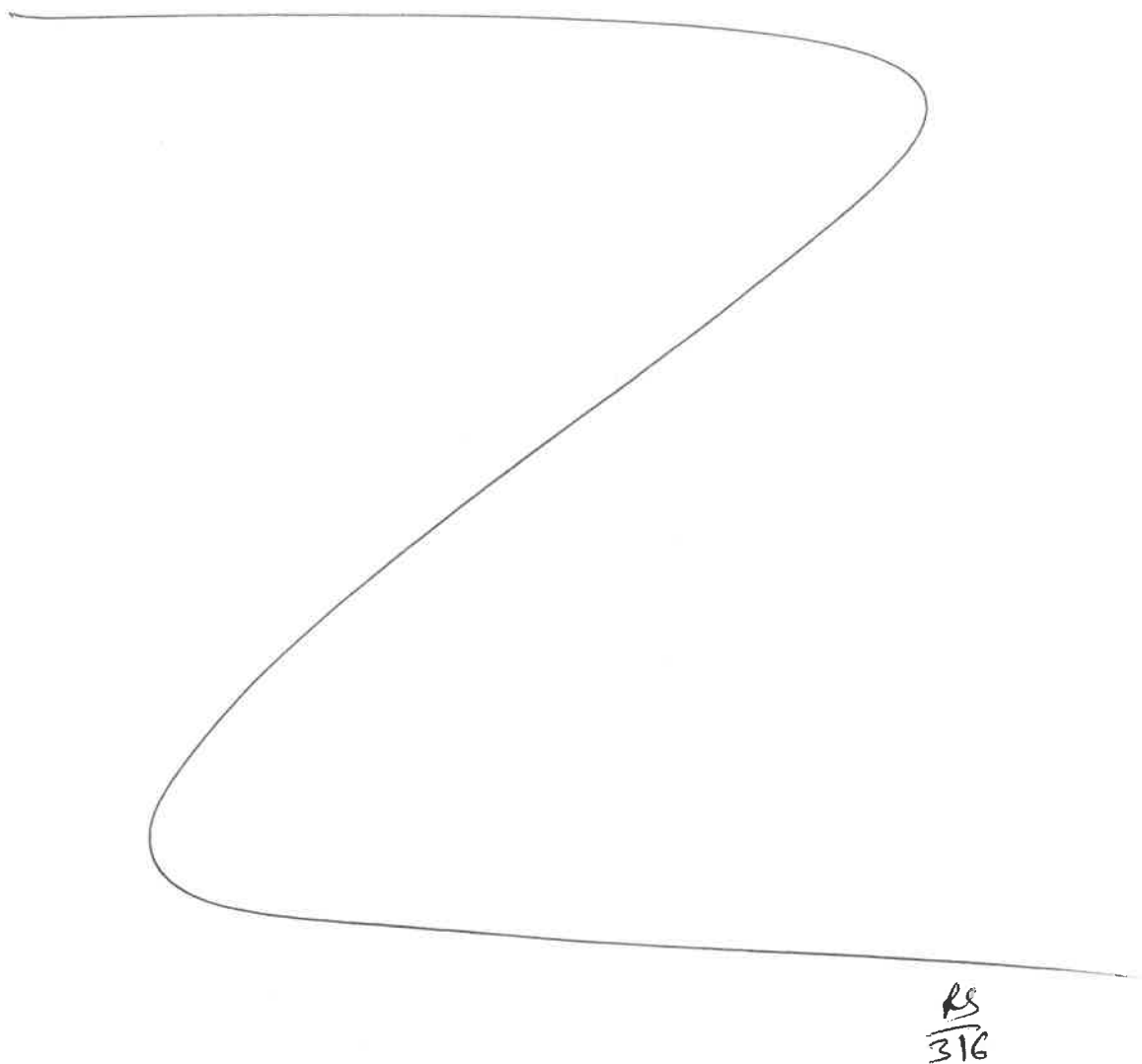
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/6/25	RS (Ext Lab)	P-P-pest) P US.
13:50	Preparation Group	Analysis Group

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

Concentration Date: 03/06/2025

Sample ID	Client Sample ID	Test	g / <u>ML</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167009BL	ABLK009	PCB	1000	6	RUPESH	ritesh	10			SEP-1
PB167009BS	ALCS009	PCB	1000	6	RUPESH	ritesh	10			2
PB167009BS D	ALCSD009	PCB	1000	6	RUPESH	ritesh	10			3
Q1488-13	ENV-102-GW01	PCB	380	6	RUPESH	ritesh	10	G		4
Q1488-14	ENV-104-GW01	PCB	820	6	RUPESH	ritesh	10	G		5
Q1494-01	PURGE-WATER	PCB	960	6	RUPESH	ritesh	10	P		6



167009
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1488

WorkList ID : 188067

Department : Extraction

Date : 03-06-2025 08:26:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1488-13	ENV-102-GW01	Water	PCB	Cool 4 deg C	PORT06	H31	03/04/2025	8082A
Q1488-14	ENV-104-GW01	Water	PCB	Cool 4 deg C	PORT06	H31	03/04/2025	8082A
Q1494-01	PURGE-WATER	Water	PCB	Cool 4 deg C	PSEG03	I31	03/05/2025	8082A

Date/Time 3/6/25 9:00
Raw Sample Received by: RS (Ext Lab)
Raw Sample Relinquished by: CP SM

Date/Time 3/6/25 9:25
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RS (Ext Lab)

LAB CHRONICLE

OrderID:	Q1488	OrderDate:	3/4/2025 3:39:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	H31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1488-01	ENV-101-SB01	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
Q1488-03	ENV-101-SB02	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
Q1488-05	ENV-102-SB01	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
Q1488-07	ENV-102-SB02	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
Q1488-09	ENV-104-SB01	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
Q1488-11	ENV-104-SB02	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
Q1488-13	ENV-102-GW01	WATER	PCB	8082A	03/04/25	03/06/25	03/06/25	03/04/25
Q1488-14	ENV-104-GW01	WATER	PCB	8082A	03/04/25	03/06/25	03/06/25	03/04/25