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Hit Summary Sheet
SW-846

SDG No.:		P4578			Order ID:		P4578		
Client:		Portal Partners Tri-Venture			Project ID:		Amtrak Sawtooth Bridges 2024		
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:	10/25/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/25/24	
Client Sample ID:	WB-305-SW		SDG No.:	P4578	
Lab Sample ID:	P4578-01		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	490	Units: mL	Final Vol:	5000	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
PP068308.D	1	10/29/24 08:50	10/29/24 16:21	PB164493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.51	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.51	ug/L
11141-16-5	Aroclor-1232	0.38	U	0.38	0.51	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.51	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.51	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.51	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.51	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.51	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.51	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		30 (10) - 150 (157)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		30 (10) - 150 (173)	103%	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:	10/25/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/25/24	
Client Sample ID:	WB-305-SW-1		SDG No.:	P4578	
Lab Sample ID:	P4578-02		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	490	Units: mL	Final Vol:	5000	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
PP068309.D	1	10/29/24 08:50	10/29/24 16:37	PB164493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.51	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.51	ug/L
11141-16-5	Aroclor-1232	0.38	U	0.38	0.51	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.51	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.51	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.51	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.51	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.51	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.51	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.7		30 (10) - 150 (157)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		30 (10) - 150 (173)	103%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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LOD = Limit of Detection

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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

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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:	10/25/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/25/24	
Client Sample ID:	WB-305-TOP		SDG No.:	P4578	
Lab Sample ID:	P4578-03		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	53.8	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107460.D	1	10/28/24 08:30	10/29/24 00:09	PB164459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	6.30	U	6.30	31.6	ug/kg
11104-28-2	Aroclor-1221	11.9	U	11.9	31.6	ug/kg
11141-16-5	Aroclor-1232	6.30	U	6.30	31.6	ug/kg
53469-21-9	Aroclor-1242	6.30	U	6.30	31.6	ug/kg
12672-29-6	Aroclor-1248	14.7	U	14.7	31.6	ug/kg
11097-69-1	Aroclor-1254	5.10	U	5.10	31.6	ug/kg
37324-23-5	Aroclor-1262	8.50	U	8.50	31.6	ug/kg
11100-14-4	Aroclor-1268	6.40	U	6.40	31.6	ug/kg
11096-82-5	Aroclor-1260	5.40	U	5.40	31.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.1		30 (32) - 150 (144)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		30 (32) - 150 (175)	84%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	10/25/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/25/24	
Client Sample ID:	WB-305-TOP-1		SDG No.:	P4578	
Lab Sample ID:	P4578-04		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	58.7	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
PO107461.D	1	10/28/24 08:30	10/29/24 00:27	PB164459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.80	U	5.80	28.9	ug/kg
11104-28-2	Aroclor-1221	10.9	U	10.9	28.9	ug/kg
11141-16-5	Aroclor-1232	5.80	U	5.80	28.9	ug/kg
53469-21-9	Aroclor-1242	5.80	U	5.80	28.9	ug/kg
12672-29-6	Aroclor-1248	13.4	U	13.4	28.9	ug/kg
11097-69-1	Aroclor-1254	4.60	U	4.60	28.9	ug/kg
37324-23-5	Aroclor-1262	7.80	U	7.80	28.9	ug/kg
11100-14-4	Aroclor-1268	5.80	U	5.80	28.9	ug/kg
11096-82-5	Aroclor-1260	4.90	U	4.90	28.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.5		30 (32) - 150 (144)	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		30 (32) - 150 (175)	93%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-BOT	SDG No.:	P4578
Lab Sample ID:	P4578-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	82.1
Sample Wt/Vol:	30.02	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
PO107462.D	1	10/28/24 08:30	10/29/24 00:45	PB164459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.10	U	4.10	20.7	ug/kg
11104-28-2	Aroclor-1221	7.80	U	7.80	20.7	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	20.7	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	20.7	ug/kg
12672-29-6	Aroclor-1248	9.60	U	9.60	20.7	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	20.7	ug/kg
37324-23-5	Aroclor-1262	5.60	U	5.60	20.7	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.7	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		30 (32) - 150 (144)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		30 (32) - 150 (175)	89%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	WB-305-BOT-1	SDG No.:	P4578
Lab Sample ID:	P4578-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	94.4
Sample Wt/Vol:	30.04	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
PO107463.D	1	10/28/24 08:30	10/29/24 01:03	PB164459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.60	U	3.60	18.0	ug/kg
11104-28-2	Aroclor-1221	6.80	U	6.80	18.0	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	18.0	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	18.0	ug/kg
12672-29-6	Aroclor-1248	8.30	U	8.30	18.0	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	18.0	ug/kg
37324-23-5	Aroclor-1262	4.80	U	4.80	18.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	18.0	ug/kg
11096-82-5	Aroclor-1260	3.10	U	3.10	18.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		30 (32) - 150 (144)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		30 (32) - 150 (175)	88%	SPK: 20

Comments:

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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



QC SUMMARY

Surrogate Summary

SDG No.: **P4578**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO107183.D	PIBLK-PO107183.D	Tetrachloro-m-xylene	1	20	22.5	112		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.4	117		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.8	114		70 (60)	130 (140)
I.BLK-PO107440.D	PIBLK-PO107440.D	Tetrachloro-m-xylene	1	20	19.9	100		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	20.5	103		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.5	103		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.4	102		70 (60)	130 (140)
PB164459BL	PB164459BL	Tetrachloro-m-xylene	1	20	21.0	105		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	22.8	114		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.7	108		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.4	112		30 (32)	150 (175)
PB164459BS	PB164459BS	Tetrachloro-m-xylene	1	20	20.6	103		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	22.1	110		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.0	100		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.9	109		30 (32)	150 (175)
P4566-01MS	HD-01-102524MS	Tetrachloro-m-xylene	1	20	16.6	83		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	17.3	87		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	18.8	94		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	14.8	74		30 (32)	150 (175)
P4566-01MSD	HD-01-102524MSD	Tetrachloro-m-xylene	1	20	16.5	83		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	16.8	84		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.0	95		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	14.2	71		30 (32)	150 (175)
I.BLK-PO107455.D	PIBLK-PO107455.D	Tetrachloro-m-xylene	1	20	19.6	98		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.8	94		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.2	101		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	16.9	85		70 (60)	130 (140)
P4578-03	WB-305-TOP	Tetrachloro-m-xylene	1	20	16.2	81		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	16.7	84		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.1	100		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	14.8	74		30 (32)	150 (175)
P4578-04	WB-305-TOP-1	Tetrachloro-m-xylene	1	20	17.4	87		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	18.6	93		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.5	113		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	16.2	81		30 (32)	150 (175)
P4578-05	WB-305-BOT	Tetrachloro-m-xylene	1	20	18.9	94		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	17.9	89		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.3	106		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	16.1	80		30 (32)	150 (175)
P4578-07	WB-305-BOT-1	Tetrachloro-m-xylene	1	20	19.2	96		30 (32)	150 (144)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **P4578**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
P4578-07	WB-305-BOT-1	Decachlorobiphenyl	1	20	17.7	88		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.9	105		30 (32)	150 (144)
I.BLK-PO107468.D	PIBLK-PO107468.D	Decachlorobiphenyl	2	20	16.1	80		30 (32)	150 (175)
		Tetrachloro-m-xylene	1	20	19.8	99		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	19.2	96		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.6	103		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.5	87		70 (60)	130 (140)
I.BLK-PP067586.D	PIBLK-PP067586.D	Tetrachloro-m-xylene	1	20	21.1	105		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.6	118		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.5	117		70 (60)	130 (140)
I.BLK-PP068303.D	PIBLK-PP068303.D	Tetrachloro-m-xylene	1	20	20.5	103		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	22.0	110		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	17.4	87		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	20.7	104		70 (60)	130 (140)
PB164493BL	PB164493BL	Tetrachloro-m-xylene	1	20	19.4	97		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	21.8	109		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	18.2	91		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	21.0	105		30 (10)	150 (173)
PB164493BS	PB164493BS	Tetrachloro-m-xylene	1	20	20.7	103		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	22.3	112		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	18.6	93		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	21.5	107		30 (10)	150 (173)
PB164493BSD	PB164493BSD	Tetrachloro-m-xylene	1	20	20.8	104		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	22.3	111		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	18.5	93		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	20.9	105		30 (10)	150 (173)
P4578-01	WB-305-SW	Tetrachloro-m-xylene	1	20	21.1	105		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	20.5	103		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	20.0	100		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	19.5	98		30 (10)	150 (173)
P4578-02	WB-305-SW-1	Tetrachloro-m-xylene	1	20	21.7	108		30 (10)	150 (157)
		Decachlorobiphenyl	1	20	20.7	103		30 (10)	150 (173)
		Tetrachloro-m-xylene	2	20	19.6	98		30 (10)	150 (157)
		Decachlorobiphenyl	2	20	20.4	102		30 (10)	150 (173)
I.BLK-PP068316.D	PIBLK-PP068316.D	Tetrachloro-m-xylene	1	20	20.1	101		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	22.0	110		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.1	91		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.5	108		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4578

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO107446.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	HD-01-102524MS											
P4566-01MS	AR1016	171.1	0	151	ug/kg	88				40 (55)	140 (146)	
	AR1260	171.1	0	141	ug/kg	82				40 (45)	140 (144)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4578

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO107447.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	HD-01-102524MSD											
P4566-01MSD	AR1016	171	0	150	ug/kg	88		0		40 (55)	140 (146)	30 (20)
	AR1260	171	0	130	ug/kg	76		8		40 (45)	140 (144)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4578

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PO107442.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164459BS	AR1016	166.6	160	ug/kg	96				40 (71)	140 (120)		
	AR1260	166.6	162	ug/kg	97				40 (65)	140 (130)		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4578

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP068305.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164493BS	AR1016	5	4.40	ug/L	88				40 (61)	140 (112)		
	AR1260	5	4.10	ug/L	82				40 (66)	140 (113)		



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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4578

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP068306.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164493BSD	AR1016	5	4.30	ug/L	86	2			40 (61)	140 (112)	20 (20)
	AR1260	5	4.00	ug/L	80	2			40 (66)	140 (113)	20 (20)

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164459BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4578

SAS No.: P4578 SDG NO.: P4578

Lab Sample ID: PB164459BL

Lab File ID: PO107441.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/28/2024

Date Analyzed (1): 10/28/2024

Date Analyzed (2): 10/28/2024

Time Analyzed (1): 17:58

Time Analyzed (2): 17:58

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
PB164459BS	PB164459BS	PO107442.D	10/28/2024	10/28/2024
HD-01-102524MS	P4566-01MS	PO107446.D	10/28/2024	10/28/2024
HD-01-102524MSD	P4566-01MSD	PO107447.D	10/28/2024	10/28/2024
WB-305-TOP	P4578-03	PO107460.D	10/29/2024	10/29/2024
WB-305-TOP-1	P4578-04	PO107461.D	10/29/2024	10/29/2024
WB-305-BOT	P4578-05	PO107462.D	10/29/2024	10/29/2024
WB-305-BOT-1	P4578-07	PO107463.D	10/29/2024	10/29/2024

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164493BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P4578

SAS No.: P4578 SDG NO.: P4578

Lab Sample ID: PB164493BL

Lab File ID: PP068304.D

Matrix: (soil/water) WATER

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/29/2024

Date Analyzed (1): 10/29/2024

Date Analyzed (2): 10/29/2024

Time Analyzed (1): 15:16

Time Analyzed (2): 15:16

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
PB164493BS	PB164493BS	PP068305.D	10/29/2024	10/29/2024
PB164493BSD	PB164493BSD	PP068306.D	10/29/2024	10/29/2024
WB-305-SW	P4578-01	PP068308.D	10/29/2024	10/29/2024
WB-305-SW-1	P4578-02	PP068309.D	10/29/2024	10/29/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB164459BL		SDG No.:	P4578	
Lab Sample ID:	PB164459BL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107441.D	1	10/28/24 08:30	10/28/24 17:58	PB164459

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	21.7		30 (32) - 150 (144)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.8		30 (32) - 150 (175)	114%	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 2024		Date Received:		
Client Sample ID:	PB164493BL		SDG No.:	P4578	
Lab Sample ID:	PB164493BL		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
PP068304.D	1	10/29/24 08:50	10/29/24 15:16	PB164493

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	19.4		30 (10) - 150 (157)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		30 (10) - 150 (173)	109%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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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:	10/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/15/24	
Client Sample ID:	PIBLK-PO107183.D		SDG No.:	P4578	
Lab Sample ID:	I.BLK-PO107183.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
PO107183.D	1		10/15/24	po101524

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	22.1		70 (60) - 130 (140)	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.8		70 (60) - 130 (140)	114%	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:	10/28/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/28/24
Client Sample ID:	PIBLK-PO107440.D	SDG No.:	P4578
Lab Sample ID:	I.BLK-PO107440.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
PO107440.D	1		10/28/24	po102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		70 (60) - 130 (140)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		70 (60) - 130 (140)	102%	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:	10/28/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/28/24
Client Sample ID:	PIBLK-PO107455.D	SDG No.:	P4578
Lab Sample ID:	I.BLK-PO107455.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
PO107455.D	1		10/28/24	po102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		70 (60) - 130 (140)	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		70 (60) - 130 (140)	85%	SPK: 20

Comments:

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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:	10/29/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/29/24	
Client Sample ID:	PIBLK-PO107468.D		SDG No.:	P4578	
Lab Sample ID:	I.BLK-PO107468.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
PO107468.D	1		10/29/24	po102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		70 (60) - 130 (140)	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		70 (60) - 130 (140)	87%	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:	10/08/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	10/08/24	
Client Sample ID:	PIBLK-PP067586.D		SDG No.:	P4578	
Lab Sample ID:	I.BLK-PP067586.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
PP067586.D	1		10/08/24	pp100824

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	21.1		70 (60) - 130 (140)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		70 (60) - 130 (140)	117%	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:	10/29/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/29/24
Client Sample ID:	PIBLK-PP068303.D	SDG No.:	P4578
Lab Sample ID:	I.BLK-PP068303.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
PP068303.D	1		10/29/24	PP102924

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	17.4		70 (60) - 130 (140)	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		70 (60) - 130 (140)	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:	10/29/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/29/24
Client Sample ID:	PIBLK-PP068316.D	SDG No.:	P4578
Lab Sample ID:	I.BLK-PP068316.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
PP068316.D	1		10/29/24	PP102924

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)	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		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:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB164459BS		SDG No.:	P4578	
Lab Sample ID:	PB164459BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	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
PO107442.D	1	10/28/24 08:30	10/28/24 18:16	PB164459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	160		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	162		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		30 (32) - 150 (144)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		30 (32) - 150 (175)	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 2024		Date Received:		
Client Sample ID:	PB164493BS		SDG No.:	P4578	
Lab Sample ID:	PB164493BS		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
PP068305.D	1	10/29/24 08:50	10/29/24 15:32	PB164493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.40		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	4.10		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		30 (10) - 150 (157)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.3		30 (10) - 150 (173)	112%	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 2024		Date Received:		
Client Sample ID:	PB164493BSD		SDG No.:	P4578	
Lab Sample ID:	PB164493BSD		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
PP068306.D	1	10/29/24 08:50	10/29/24 15:48	PB164493

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	4.30		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	4.00		0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		30 (10) - 150 (157)	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.3		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:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	HD-01-102524MS	SDG No.:	P4578
Lab Sample ID:	P4566-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	97.2
Sample Wt/Vol:	30.06 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
PO107446.D	1	10/28/24 08:30	10/28/24 19:28	PB164459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	151		3.50	17.5	ug/kg
11104-28-2	Aroclor-1221	6.60	U	6.60	17.5	ug/kg
11141-16-5	Aroclor-1232	3.50	U	3.50	17.5	ug/kg
53469-21-9	Aroclor-1242	3.50	U	3.50	17.5	ug/kg
12672-29-6	Aroclor-1248	8.10	U	8.10	17.5	ug/kg
11097-69-1	Aroclor-1254	2.80	U	2.80	17.5	ug/kg
37324-23-5	Aroclor-1262	4.70	U	4.70	17.5	ug/kg
11100-14-4	Aroclor-1268	3.50	U	3.50	17.5	ug/kg
11096-82-5	Aroclor-1260	141		3.00	17.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		30 (32) - 150 (144)	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		30 (32) - 150 (175)	87%	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:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	HD-01-102524MSD	SDG No.:	P4578
Lab Sample ID:	P4566-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	97.2
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
PO107447.D	1	10/28/24 08:30	10/28/24 19:46	PB164459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	150		3.50	17.4	ug/kg
11104-28-2	Aroclor-1221	6.60	U	6.60	17.4	ug/kg
11141-16-5	Aroclor-1232	3.50	U	3.50	17.4	ug/kg
53469-21-9	Aroclor-1242	3.50	U	3.50	17.4	ug/kg
12672-29-6	Aroclor-1248	8.10	U	8.10	17.4	ug/kg
11097-69-1	Aroclor-1254	2.80	U	2.80	17.4	ug/kg
37324-23-5	Aroclor-1262	4.70	U	4.70	17.4	ug/kg
11100-14-4	Aroclor-1268	3.50	U	3.50	17.4	ug/kg
11096-82-5	Aroclor-1260	130		3.00	17.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		30 (32) - 150 (144)	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		30 (32) - 150 (175)	84%	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

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Calibration Times: 18:27 02:36

LAB FILE ID:	RT 1000 =	<u>PO107184.D</u>	RT 750 =	<u>PO107185.D</u>
	RT 500 =	PO107186.D	RT 250 =	PO107187.D
			RT 050 =	PO107188.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.06	10.06	10.06	10.06	10.06	10.06	9.96	10.16
Tetrachloro-m-xylene	4.37	4.37	4.37	4.37	4.37	4.37	4.27	4.47

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Calibration Times: 18:27 02:36

ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74
Tetrachloro-m-xylene	3.65	3.64	3.65	3.64	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Instrument ID: ECD_O

Calibration Date(s): 10/15/2024 10/16/2024

Calibration Times: 18:27 02:36

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

LAB FILE ID:		CF 1000 = <u>PO107184.D</u>		CF 750 = <u>PO107185.D</u>			
CF 500 = <u>PO107186.D</u>		CF 250 = <u>PO107187.D</u>		CF 050 = <u>PO107188.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	252081604	261702867	271939076	291118488	272229420	269814291 5
Aroclor-1016-2	(2)	373760062	383028583	397887352	419075308	410673320	396884925 5
Aroclor-1016-3	(3)	234678633	244145249	256575754	276405664	244042480	251169556 6
Aroclor-1016-4	(4)	185622493	193848624	202963902	215081552	165543020	192611918 10
Aroclor-1016-5	(5)	176326470	182141932	191487930	203514892	159796500	182653545 9
Aroclor-1260-1	(1)	238480871	246497651	259155974	277220676	271587560	258588546 6
Aroclor-1260-2	(2)	243402558	251747185	264083512	284216460	272650860	263220115 6
Aroclor-1260-3	(3)	167353086	171560129	181491762	195138068	183182660	179745141 6
Aroclor-1260-4	(4)	162125557	166999933	175289716	187582032	185522120	175503872 6
Aroclor-1260-5	(5)	268686175	273623828	283035894	299271412	297351500	284393762 5
Decachlorobiphenyl		2362750210	2427138920	2496479000	2603827440	2376686800	2453376474 4
Tetrachloro-m-xylene		8902656430	9087809293	9285762860	9548006280	8745262400	9113899453 3
Aroclor-1242-1	(1)	207947063	205572916	222208808	238956456	243522880	223641625 8
Aroclor-1242-2	(2)	302439626	299949616	323550412	342804408	348858880	323520588 7
Aroclor-1242-3	(3)	191912697	193178427	209638152	224306728	225847640	208976729 8
Aroclor-1242-4	(4)	150447174	145338196	162797508	173135964	168308740	160005516 7
Aroclor-1242-5	(5)	141009343	143408436	153689098	164623016	179679780	156481935 10
Decachlorobiphenyl		2339420350	2427742867	2492700840	2551827400	2426410200	2447620331 3
Tetrachloro-m-xylene		8860043620	8651743680	9146784160	9504075440	9174828800	9067495140 4
Aroclor-1248-1	(1)	155913014	164800668	175191332	184609772	188867720	173876501 8
Aroclor-1248-2	(2)	222845576	238202488	253637968	270074056	280366620	253025342 9
Aroclor-1248-3	(3)	231904923	246233752	259706092	274388212	266197800	255686156 7
Aroclor-1248-4	(4)	237210289	246633865	260533272	272872732	271860120	257822056 6
Aroclor-1248-5	(5)	236273499	246591072	260733536	276314120	280304600	260043365 7
Decachlorobiphenyl		2339780580	2371533013	2504089680	2566158680	2396701200	2435652631 4
Tetrachloro-m-xylene		8719403610	9119992693	9358904180	9492784200	8995773400	9137371617 3
Aroclor-1254-1	(1)	246822697	256579683	264992242	286189960	289157060	268748328 7
Aroclor-1254-2	(2)	348120894	361641555	373031238	401237980	402995760	377405485 6
Aroclor-1254-3	(3)	336293322	345653409	355909306	378498460	372630440	357796987 5
Aroclor-1254-4	(4)	213138598	220171503	227187688	242530220	244046960	229414994 6
Aroclor-1254-5	(5)	194609638	201069208	205869028	220139672	216546640	207646837 5
Decachlorobiphenyl		2357746210	2401897693	2508594000	2601578200	2359367400	2445836701 4
Tetrachloro-m-xylene		8883763230	9164627320	9184369060	9508828480	8791509400	9106619498 3
Aroclor-1268-1	(1)	351862425	352413819	364622844	381760528	369380480	364008019 3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	313096403	314491445	324862806	339637696	320299560	322477582	3
Aroclor-1268-3	(3)	272236453	272760276	282620036	293538700	275661940	279363481	3
Aroclor-1268-4	(4)	112236308	111261111	114714594	116428084	101458340	111219687	5
Aroclor-1268-5	(5)	836674479	833098204	847063314	864357444	781067560	832452200	4
Decachlorobiphenyl		4074190590	4136234160	4241958160	4399826360	4004084600	4171258774	4
Tetrachloro-m-xylene		9139601460	8935957933	9311606620	9495189880	8951901000	9166851379	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Instrument ID: ECD_O

Calibration Date(s): 10/15/2024 10/16/2024

Calibration Times: 18:27 02:36

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

LAB FILE ID:		CF 1000 = <u>PO107184.D</u>		CF 750 = <u>PO107185.D</u>				
CF 500 = <u>PO107186.D</u>		CF 250 = <u>PO107187.D</u>		CF 050 = <u>PO107188.D</u>				
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	98519363	99934743	102532802	106601384	108740020	103265662	4
Aroclor-1016-2	(2)	140533795	142751421	144315942	146877552	130360060	140967754	5
Aroclor-1016-3	(3)	75819146	77111448	78799028	81783348	80215260	78745646	3
Aroclor-1016-4	(4)	61532960	63413097	65607722	69564368	70423600	66108349	6
Aroclor-1016-5	(5)	78878086	80970861	83522668	86940988	80356660	82133853	4
Aroclor-1260-1	(1)	150450531	152030172	155131756	161942364	156218200	155154605	3
Aroclor-1260-2	(2)	173752920	181526657	184104290	189736236	151457920	176115605	8
Aroclor-1260-3	(3)	168454604	170292340	172108108	175991544	151894120	167748143	6
Aroclor-1260-4	(4)	143637024	144895129	147115166	150514212	137242140	144680734	3
Aroclor-1260-5	(5)	340738400	339782780	336796716	340391952	289493480	329440666	7
Decachlorobiphenyl		2730622670	2745732653	2784792900	2852828640	2594005000	2741596373	3
Tetrachloro-m-xylene		3312014480	3338472613	3349065240	3230716080	2862214000	3218496483	6
Aroclor-1242-1	(1)	80390662	80447493	83937762	87266896	86674240	83743411	4
Aroclor-1242-2	(2)	114487494	111266404	117741916	120667112	114031640	115638913	3
Aroclor-1242-3	(3)	61817452	60461905	64396992	66865868	63624080	63433259	4
Aroclor-1242-4	(4)	60582529	60636219	64384594	68045260	66598220	64049364	5
Aroclor-1242-5	(5)	73763103	75675432	77215916	80736528	80226620	77523520	4
Decachlorobiphenyl		2686985320	2764418280	2764436780	2798541920	2665265400	2735929540	2
Tetrachloro-m-xylene		3315724680	3241948653	3341198040	3335574400	2920075400	3230904235	6
Aroclor-1248-1	(1)	60218805	63038185	64879120	66667236	62402400	63441149	4
Aroclor-1248-2	(2)	85173308	89108361	93061950	96541480	93540340	91485088	5
Aroclor-1248-3	(3)	89257070	93226611	97377878	100891904	96212540	95393201	5
Aroclor-1248-4	(4)	105934439	110533117	114760412	117772688	111691080	112138347	4
Aroclor-1248-5	(5)	102828085	105359652	109801380	114217964	119140640	110269544	6
Decachlorobiphenyl		2669365810	2682497173	2791873700	2836714480	2679938000	2732077833	3
Tetrachloro-m-xylene		3278417600	3389239440	3425836480	3362184040	2965722400	3284279992	6
Aroclor-1254-1	(1)	159855276	163854537	165548332	171717704	162964860	164788142	3
Aroclor-1254-2	(2)	138468840	142269335	144546922	151325972	148203140	144962842	3
Aroclor-1254-3	(3)	227061110	231385951	232213406	238575248	218867080	229620559	3
Aroclor-1254-4	(4)	128242906	130249965	131325350	135207044	122091880	129423429	4
Aroclor-1254-5	(5)	191904554	195153152	195378104	201188864	171636600	191052255	6
Decachlorobiphenyl		2726927150	2738190720	2773447120	2836815760	2598739800	2734824110	3
Tetrachloro-m-xylene		3347799560	3397335627	3354246660	3362236280	2930639600	3278451545	6
Aroclor-1268-1	(1)	419191400	409991492	413863584	410849472	368955300	404570250	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	389672996	380096764	383518208	378699872	334345600	373266688	6
Aroclor-1268-3	(3)	345284332	337828173	339535756	338755760	307004380	333681680	5
Aroclor-1268-4	(4)	129107993	127445005	127285362	129260796	113749480	125369727	5
Aroclor-1268-5	(5)	1049237500	1019311260	1017080130	996315476	856840280	987756929	8
Decachlorobiphenyl		4873889790	4739451973	4823511780	4890043960	4430545400	4751488581	4
Tetrachloro-m-xylene		3440286630	3329771373	3416104800	3331345720	2963806400	3296262985	6

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Instrument ID: ECD_O Date(s) Analyzed: 10/15/2024 10/16/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.57	4.47	4.67	110010000
		2	4.66	4.56	4.76	78836600
		3	4.73	4.63	4.83	234100000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.73	4.63	4.83	195844000
		2	5.26	5.16	5.36	103025000
		3	5.54	5.44	5.64	179001000
		4	5.70	5.60	5.80	90165400
		5	5.80	5.70	5.90	65903200
Aroclor-1262	500	1	7.74	7.64	7.84	245548000
		2	8.28	8.18	8.38	309420000
		3	8.59	8.49	8.69	209196000
		4	8.68	8.58	8.78	163066000
		5	9.32	9.22	9.42	102764000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Instrument ID: ECD_O Date(s) Analyzed: 10/15/2024 10/16/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.86	3.76	3.96	34895600
		2	3.94	3.84	4.04	26624800
		3	4.02	3.92	4.12	81218600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	67327000
		2	4.75	4.65	4.85	63205200
		3	4.92	4.82	5.02	34475000
		4	5.00	4.90	5.10	31466000
		5	5.18	5.08	5.28	33083400
Aroclor-1262	500	1	6.76	6.66	6.86	212876000
		2	7.26	7.16	7.36	363332000
		3	7.54	7.44	7.64	137384000
		4	7.61	7.51	7.71	264574000
		5	8.10	8.00	8.20	112833000

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.67	10.67	10.67	10.67	10.67	10.67	10.57	10.77
Tetrachloro-m-xylene	4.76	4.75	4.75	4.75	4.75	4.75	4.65	4.85

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Instrument ID: ECD_P Calibration Date(s): 10/08/2024 10/08/2024

Calibration Times: 16:30 23:46

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

LAB FILE ID:	RT 1000 = <u>PP067587.D</u>	RT 750 = <u>PP067588.D</u>
RT 500 = <u>PP067589.D</u>	RT 250 = <u>PP067590.D</u>	RT 050 = <u>PP067591.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1016-2	(2)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1016-3	(3)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1016-4	(4)	5.40	5.40	5.40	5.40	5.40	5.40	5.30	5.50
Aroclor-1016-5	(5)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Aroclor-1260-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1260-2	(2)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Aroclor-1260-3	(3)	7.01	7.01	7.01	7.01	7.01	7.01	6.91	7.11
Aroclor-1260-4	(4)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Aroclor-1260-5	(5)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Decachlorobiphenyl		9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1242-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1242-2	(2)	5.18	5.18	5.18	5.18	5.18	5.18	5.08	5.28
Aroclor-1242-3	(3)	5.36	5.36	5.36	5.36	5.36	5.36	5.26	5.46
Aroclor-1242-4	(4)	5.45	5.45	5.45	5.44	5.45	5.45	5.35	5.55
Aroclor-1242-5	(5)	5.97	5.98	5.98	5.97	5.98	5.98	5.88	6.08
Decachlorobiphenyl		9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1248-1	(1)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-2	(2)	5.40	5.40	5.40	5.40	5.40	5.40	5.30	5.50
Aroclor-1248-3	(3)	5.44	5.45	5.44	5.44	5.45	5.44	5.34	5.54
Aroclor-1248-4	(4)	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Aroclor-1248-5	(5)	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Decachlorobiphenyl		9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1254-1	(1)	5.98	5.97	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1254-2	(2)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-3	(3)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1254-4	(4)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Aroclor-1254-5	(5)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Decachlorobiphenyl		9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene		4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15
Aroclor-1268-1	(1)	8.01	8.01	8.01	8.01	8.01	8.01	7.91	8.11
Aroclor-1268-2	(2)	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Aroclor-1268-3	(3)	8.29	8.29	8.29	8.29	8.29	8.29	8.19	8.39
Aroclor-1268-4	(4)	8.60	8.60	8.60	8.60	8.60	8.60	8.50	8.70
Aroclor-1268-5	(5)	8.93	8.93	8.93	8.92	8.93	8.93	8.83	9.03

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	9.22	9.22	9.22	9.22	9.22	9.22	9.12	9.32
Tetrachloro-m-xylene	4.05	4.05	4.05	4.05	4.05	4.05	3.95	4.15

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** P4578 **SAS No.:** P4578 **SDG NO.:** P4578

Instrument ID: ECD_P **Calibration Date(s):** 10/08/2024 10/08/2024
Calibration Times: 16:30 23:46

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

LAB FILE ID:		CF 1000 = <u>PP067587.D</u>		CF 750 = <u>PP067588.D</u>			
CF 500 = <u>PP067589.D</u>		CF 250 = <u>PP067590.D</u>		CF 050 = <u>PP067591.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	31263736	32233361	34196172	36221284	31418860	33066683
Aroclor-1016-2	(2)	45702590	47619661	49829602	53216480	47485960	48770859
Aroclor-1016-3	(3)	29655293	30980703	32521866	34545868	29856000	31511946
Aroclor-1016-4	(4)	24305642	24965132	26130902	27480568	25835960	25743641
Aroclor-1016-5	(5)	25253642	26507995	28106138	29556500	25910240	27066903
Aroclor-1260-1	(1)	48881600	51062627	53497292	60189956	56487000	54023695
Aroclor-1260-2	(2)	57303356	59473712	62743556	68896016	67937280	63270784
Aroclor-1260-3	(3)	47767972	49860571	52672962	57075820	51866880	51848841
Aroclor-1260-4	(4)	55679811	58146343	61152700	66302976	59690240	60194414
Aroclor-1260-5	(5)	101142428	103711039	108382514	116162164	109162380	107712105
Decachlorobiphenyl		1047572970	1092521333	1163088620	1272493760	1180845600	1151304457
Tetrachloro-m-xylene		918389550	937648760	969374660	977965440	824831600	925642002
Aroclor-1242-1	(1)	26136486	27020177	28880182	30131840	27517000	27937137
Aroclor-1242-2	(2)	37560737	39520053	41823206	43424048	40845460	40634701
Aroclor-1242-3	(3)	24775066	25964975	27626992	28013716	28443000	26964750
Aroclor-1242-4	(4)	19919938	20877219	22020082	22198916	22236220	21450475
Aroclor-1242-5	(5)	22664411	23310707	24494326	25449828	24710200	24125894
Decachlorobiphenyl		1049846500	1096431853	1183590260	1273416280	1210794800	1162815939
Tetrachloro-m-xylene		918045770	945319107	991838280	988565840	844744200	937702639
Aroclor-1248-1	(1)	19592099	21187299	21900336	23649416	20785280	21422886
Aroclor-1248-2	(2)	29912773	32262593	34275072	36926580	34706360	33616676
Aroclor-1248-3	(3)	33038688	35344895	37623064	40558304	36562360	36625462
Aroclor-1248-4	(4)	36925252	39416441	41800322	44728924	39382640	40450716
Aroclor-1248-5	(5)	36740691	38953265	40984016	43781648	37845340	39660992
Decachlorobiphenyl		1055450820	1109667187	1169649200	1282118000	1302489400	1183874921
Tetrachloro-m-xylene		902146960	926581653	953867240	992359080	895156800	934022347
Aroclor-1254-1	(1)	40350769	42082559	45284156	48868552	47326420	44782491
Aroclor-1254-2	(2)	59814731	62129524	65787698	71625140	71131660	66097751
Aroclor-1254-3	(3)	64043672	65831181	69388346	74782692	73217700	69452718
Aroclor-1254-4	(4)	45989306	47460167	50157578	54420004	51495700	49904551
Aroclor-1254-5	(5)	54192853	57072867	59852552	64108404	61236860	59292707
Decachlorobiphenyl		1068499200	1106116080	1182150460	1298012320	1262855400	1183526692
Tetrachloro-m-xylene		931363580	935898013	956149560	989159640	878805200	938275199
Aroclor-1268-1	(1)	139515419	144470283	150997662	162718796	165540620	152648556

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	125679796	130088461	136577130	145743784	144888120	136595458	6
Aroclor-1268-3	(3)	110668977	116741077	119635012	130534268	127010440	120917955	7
Aroclor-1268-4	(4)	48063749	49890017	52720184	55641072	47784700	50819944	7
Aroclor-1268-5	(5)	348373365	356693093	372169718	389623012	400486540	373469146	6
Decachlorobiphenyl		1758376420	1827520213	1952930880	2093924120	2163079000	1959166127	9
Tetrachloro-m-xylene		908125750	922962547	955684560	986676760	888810200	932451963	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Instrument ID: ECD_P

Calibration Date(s): 10/08/2024 10/08/2024

Calibration Times: 16:30 23:46

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

LAB FILE ID:		CF 1000 = <u>PP067587.D</u>		CF 750 = <u>PP067588.D</u>			
CF 500 = <u>PP067589.D</u>		CF 250 = <u>PP067590.D</u>		CF 050 = <u>PP067591.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	32214100	33511487	34894776	37855020	36460880	34987253
Aroclor-1016-2	(2)	45072170	46943971	48711842	52177748	47937020	48168550
Aroclor-1016-3	(3)	25675074	27277663	27567444	28514452	25652840	26937495
Aroclor-1016-4	(4)	22207756	23688287	24482426	25758704	24288360	24085107
Aroclor-1016-5	(5)	28303958	30184395	30998408	32062244	30500300	30409861
Aroclor-1260-1	(1)	51490839	53867885	56846930	62693500	59910740	56961979
Aroclor-1260-2	(2)	60685581	63183867	66653346	73175968	69823160	66704384
Aroclor-1260-3	(3)	58195863	60818087	64471984	69084640	65935040	63701123
Aroclor-1260-4	(4)	51141777	52463477	55669740	60213672	56975040	55292741
Aroclor-1260-5	(5)	115751172	117431688	122205526	128041940	128062520	122298569
Decachlorobiphenyl		1016699470	1064912133	1114817860	1215156720	1195705800	1121458397
Tetrachloro-m-xylene		976302160	1002778080	1038188640	1086259240	948485600	1010402744
Aroclor-1242-1	(1)	26643227	27902807	30082486	31864192	28889440	29076430
Aroclor-1242-2	(2)	37173910	38324184	40855302	43058560	41326680	40147727
Aroclor-1242-3	(3)	21209836	21846417	23389330	23608008	22421520	22495022
Aroclor-1242-4	(4)	21894421	22781385	24633780	25302636	24076280	23737700
Aroclor-1242-5	(5)	25904963	27452171	28860038	30792124	30238540	28649567
Decachlorobiphenyl		1030873660	1074484253	1144199140	1227463640	1208383800	1137080899
Tetrachloro-m-xylene		979317100	1008877893	1048426020	1079705600	995407400	1022346803
Aroclor-1248-1	(1)	20323070	21892911	22863994	24075660	24163260	22663779
Aroclor-1248-2	(2)	29599820	31598663	33173378	36121664	34985540	33095813
Aroclor-1248-3	(3)	31098926	33116664	34686272	37576628	35894680	34474634
Aroclor-1248-4	(4)	36529837	38774123	40329020	44225180	44921420	40955916
Aroclor-1248-5	(5)	34201195	35911461	37616042	40473884	39013140	37443144
Decachlorobiphenyl		1032353410	1073137907	1131465640	1215505400	1241215600	1138735591
Tetrachloro-m-xylene		952656120	994994613	1000591240	1068188360	991037600	1001493587
Aroclor-1254-1	(1)	53478224	54895953	58959138	64085456	64000720	59083898
Aroclor-1254-2	(2)	47135286	48672312	52146652	56922440	57444240	52464186
Aroclor-1254-3	(3)	76675976	78569371	83205416	89086976	88502520	83208052
Aroclor-1254-4	(4)	44235570	45939643	48363680	51938700	50893660	48274251
Aroclor-1254-5	(5)	68142947	70671431	73760414	78813244	76368180	73551243
Decachlorobiphenyl		1041164600	1082182560	1142537200	1244245720	1270180600	1156062136
Tetrachloro-m-xylene		969890570	991360533	1038975520	1064707400	994465600	1011879925
Aroclor-1268-1	(1)	146986557	151844596	158019168	168079912	170778780	159141803

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	133073925	137248829	142523422	151222024	151862520	143186144	6
Aroclor-1268-3	(3)	117364027	121504320	126517254	135757020	136405580	127509640	7
Aroclor-1268-4	(4)	51956547	53952379	54797154	61002600	60671520	56476040	7
Aroclor-1268-5	(5)	359344903	364434196	374618632	391618688	400161860	378035656	5
Decachlorobiphenyl		1755186720	1802467867	1889666160	2047579480	2153015200	1929583085	9
Tetrachloro-m-xylene		970169850	991215560	1007059780	1064676080	979052800	1002434814	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Instrument ID: ECD_P Date(s) Analyzed: 10/08/2024 10/08/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.96	4.86	5.06	12809900
		2	5.04	4.94	5.14	9460580
		3	5.12	5.02	5.22	28907800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.12	5.02	5.22	22859800
		2	5.65	5.55	5.75	11783000
		3	5.94	5.84	6.04	22275000
		4	6.10	6.00	6.20	11287400
		5	6.19	6.09	6.29	9120180
Aroclor-1262	500	1	8.37	8.27	8.47	71771400
		2	8.71	8.61	8.81	121580000
		3	9.05	8.95	9.15	88514200
		4	9.14	9.04	9.24	69944800
		5	9.84	9.74	9.94	46791200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Instrument ID: ECD_P Date(s) Analyzed: 10/08/2024 10/08/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.27	4.17	4.37	13170200
		2	4.36	4.26	4.46	9961240
		3	4.43	4.33	4.53	31131200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.43	4.33	4.53	24333000
		2	5.18	5.08	5.28	22365000
		3	5.36	5.26	5.46	11943800
		4	5.45	5.35	5.55	11531400
		5	5.62	5.52	5.72	13450300
Aroclor-1262	500	1	7.22	7.12	7.32	78673400
		2	7.48	7.38	7.58	70962000
		3	8.01	7.91	8.11	57099400
		4	8.07	7.97	8.17	100436000
		5	8.60	8.50	8.70	50017800

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/28/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 16:10 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.60	5.61	5.51	5.71	0.01
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.00
Aroclor-1260-1	(1)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/28/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 16:10 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL01 Date Analyzed: 10/28/2024

Lab Sample No.: AR1660CCC500 Data File : PO107435.D Time Analyzed: 16:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.519	5.423	5.623	480.930	500.000	-3.8
Aroclor-1016-2	5.542	5.445	5.645	469.040	500.000	-6.2
Aroclor-1016-3	5.604	5.507	5.707	469.220	500.000	-6.2
Aroclor-1016-4	5.701	5.604	5.804	488.600	500.000	-2.3
Aroclor-1016-5	5.996	5.899	6.099	484.120	500.000	-3.2
Aroclor-1260-1	7.123	7.026	7.226	459.280	500.000	-8.1
Aroclor-1260-2	7.379	7.282	7.482	476.130	500.000	-4.8
Aroclor-1260-3	7.741	7.643	7.843	470.430	500.000	-5.9
Aroclor-1260-4	7.965	7.868	8.068	465.450	500.000	-6.9
Aroclor-1260-5	8.277	8.181	8.381	480.940	500.000	-3.8
Decachlorobiphenyl	10.055	9.958	10.158	47.620	50.000	-4.8
Tetrachloro-m-xylene	4.371	4.274	4.474	47.610	50.000	-4.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL01 Date Analyzed: 10/28/2024

Lab Sample No.: AR1660CCC500 Data File : PO107435.D Time Analyzed: 16:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.724	4.626	4.826	523.860	500.000	4.8
Aroclor-1016-2	4.743	4.645	4.845	530.430	500.000	6.1
Aroclor-1016-3	4.919	4.821	5.021	508.190	500.000	1.6
Aroclor-1016-4	4.960	4.862	5.062	491.260	500.000	-1.7
Aroclor-1016-5	5.173	5.076	5.276	531.290	500.000	6.3
Aroclor-1260-1	6.204	6.107	6.307	493.890	500.000	-1.2
Aroclor-1260-2	6.390	6.294	6.494	525.730	500.000	5.1
Aroclor-1260-3	6.544	6.448	6.648	507.540	500.000	1.5
Aroclor-1260-4	7.014	6.918	7.118	492.640	500.000	-1.5
Aroclor-1260-5	7.255	7.159	7.359	527.570	500.000	5.5
Decachlorobiphenyl	8.634	8.539	8.739	48.670	50.000	-2.7
Tetrachloro-m-xylene	3.643	3.545	3.745	51.710	50.000	3.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/28/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 21:27 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.61	5.61	5.51	5.71	0.00
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.01
Aroclor-1260-1	(1)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.96	7.97	7.87	8.07	0.01
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.06	10.06	9.96	10.16	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/28/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 21:27 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.73	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL02 Date Analyzed: 10/28/2024

Lab Sample No.: AR1660CCC500 Data File : PO107451.D Time Analyzed: 21:27

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.519	5.423	5.623	419.080	500.000	-16.2
Aroclor-1016-2	5.542	5.445	5.645	408.530	500.000	-18.3
Aroclor-1016-3	5.605	5.507	5.707	396.930	500.000	-20.6
Aroclor-1016-4	5.701	5.604	5.804	414.160	500.000	-17.2
Aroclor-1016-5	5.995	5.899	6.099	444.570	500.000	-11.1
Aroclor-1260-1	7.122	7.026	7.226	416.700	500.000	-16.7
Aroclor-1260-2	7.379	7.282	7.482	413.910	500.000	-17.2
Aroclor-1260-3	7.741	7.643	7.843	409.630	500.000	-18.1
Aroclor-1260-4	7.964	7.868	8.068	421.520	500.000	-15.7
Aroclor-1260-5	8.278	8.181	8.381	434.130	500.000	-13.2
Decachlorobiphenyl	10.055	9.958	10.158	44.130	50.000	-11.7
Tetrachloro-m-xylene	4.371	4.274	4.474	49.810	50.000	-0.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL02 Date Analyzed: 10/28/2024

Lab Sample No.: AR1660CCC500 Data File : PO107451.D Time Analyzed: 21:27

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.725	4.626	4.826	532.630	500.000	6.5
Aroclor-1016-2	4.744	4.645	4.845	543.130	500.000	8.6
Aroclor-1016-3	4.919	4.821	5.021	518.800	500.000	3.8
Aroclor-1016-4	4.961	4.862	5.062	498.430	500.000	-0.3
Aroclor-1016-5	5.174	5.076	5.276	521.590	500.000	4.3
Aroclor-1260-1	6.204	6.107	6.307	468.750	500.000	-6.3
Aroclor-1260-2	6.391	6.294	6.494	491.530	500.000	-1.7
Aroclor-1260-3	6.544	6.448	6.648	461.820	500.000	-7.6
Aroclor-1260-4	7.014	6.918	7.118	430.720	500.000	-13.9
Aroclor-1260-5	7.256	7.159	7.359	448.970	500.000	-10.2
Decachlorobiphenyl	8.634	8.539	8.739	39.290	50.000	-21.4
Tetrachloro-m-xylene	3.644	3.545	3.745	52.350	50.000	4.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/29/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 01:50 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.52	5.52	5.42	5.62	0.00
Aroclor-1016-2	(2)	5.54	5.55	5.45	5.65	0.01
Aroclor-1016-3	(3)	5.60	5.61	5.51	5.71	0.01
Aroclor-1016-4	(4)	5.70	5.70	5.60	5.80	0.00
Aroclor-1016-5	(5)	6.00	6.00	5.90	6.10	0.01
Aroclor-1260-1	(1)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-2	(2)	7.38	7.38	7.28	7.48	0.00
Aroclor-1260-3	(3)	7.74	7.74	7.64	7.84	0.00
Aroclor-1260-4	(4)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-5	(5)	8.28	8.28	8.18	8.38	0.00
Tetrachloro-m-xylene		4.37	4.37	4.27	4.47	0.00
Decachlorobiphenyl		10.05	10.06	9.96	10.16	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/29/2024 Initial Calibration Date(s): 10/15/2024 10/16/2024

Continuing Calib Time: 01:50 Initial Calibration Time(s): 18:27 02:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-2	(2)	4.74	4.75	4.65	4.85	0.01
Aroclor-1016-3	(3)	4.92	4.92	4.82	5.02	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.17	5.18	5.08	5.28	0.01
Aroclor-1260-1	(1)	6.20	6.21	6.11	6.31	0.01
Aroclor-1260-2	(2)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-3	(3)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-4	(4)	7.01	7.02	6.92	7.12	0.01
Aroclor-1260-5	(5)	7.26	7.26	7.16	7.36	0.00
Tetrachloro-m-xylene		3.64	3.65	3.55	3.75	0.01
Decachlorobiphenyl		8.63	8.64	8.54	8.74	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL03 Date Analyzed: 10/29/2024

Lab Sample No.: AR1660CCC500 Data File : PO107464.D Time Analyzed: 01:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.520	5.423	5.623	472.650	500.000	-5.5
Aroclor-1016-2	5.542	5.445	5.645	463.570	500.000	-7.3
Aroclor-1016-3	5.604	5.507	5.707	458.350	500.000	-8.3
Aroclor-1016-4	5.701	5.604	5.804	474.940	500.000	-5.0
Aroclor-1016-5	5.995	5.899	6.099	476.080	500.000	-4.8
Aroclor-1260-1	7.122	7.026	7.226	444.530	500.000	-11.1
Aroclor-1260-2	7.379	7.282	7.482	452.620	500.000	-9.5
Aroclor-1260-3	7.740	7.643	7.843	456.730	500.000	-8.7
Aroclor-1260-4	7.965	7.868	8.068	469.950	500.000	-6.0
Aroclor-1260-5	8.277	8.181	8.381	472.910	500.000	-5.4
Decachlorobiphenyl	10.054	9.958	10.158	44.950	50.000	-10.1
Tetrachloro-m-xylene	4.370	4.274	4.474	50.210	50.000	0.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/15/2024 10/15/2024

Client Sample No.: CCAL03 Date Analyzed: 10/29/2024

Lab Sample No.: AR1660CCC500 Data File : PO107464.D Time Analyzed: 01:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.724	4.626	4.826	537.050	500.000	7.4
Aroclor-1016-2	4.743	4.645	4.845	547.370	500.000	9.5
Aroclor-1016-3	4.919	4.821	5.021	523.250	500.000	4.7
Aroclor-1016-4	4.960	4.862	5.062	504.760	500.000	1.0
Aroclor-1016-5	5.174	5.076	5.276	535.810	500.000	7.2
Aroclor-1260-1	6.204	6.107	6.307	511.330	500.000	2.3
Aroclor-1260-2	6.391	6.294	6.494	537.550	500.000	7.5
Aroclor-1260-3	6.544	6.448	6.648	517.490	500.000	3.5
Aroclor-1260-4	7.014	6.918	7.118	493.460	500.000	-1.3
Aroclor-1260-5	7.255	7.159	7.359	503.490	500.000	0.7
Decachlorobiphenyl	8.634	8.539	8.739	41.710	50.000	-16.6
Tetrachloro-m-xylene	3.643	3.545	3.745	52.750	50.000	5.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/29/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 11:47 Initial Calibration Time(s): 16:30 23:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.92	5.92	5.82	6.02	0.01
Aroclor-1016-2	(2)	5.94	5.94	5.84	6.04	0.00
Aroclor-1016-3	(3)	6.00	6.01	5.91	6.11	0.01
Aroclor-1016-4	(4)	6.10	6.10	6.00	6.20	0.00
Aroclor-1016-5	(5)	6.39	6.40	6.30	6.50	0.01
Aroclor-1260-1	(1)	7.52	7.52	7.42	7.62	0.00
Aroclor-1260-2	(2)	7.77	7.78	7.68	7.88	0.01
Aroclor-1260-3	(3)	8.13	8.14	8.04	8.24	0.01
Aroclor-1260-4	(4)	8.37	8.38	8.28	8.48	0.01
Aroclor-1260-5	(5)	8.70	8.71	8.61	8.81	0.01
Tetrachloro-m-xylene		4.75	4.76	4.66	4.86	0.01
Decachlorobiphenyl		10.66	10.67	10.57	10.77	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/29/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 11:47 Initial Calibration Time(s): 16:30 23:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.15	5.16	5.06	5.26	0.01
Aroclor-1016-2	(2)	5.17	5.18	5.08	5.28	0.01
Aroclor-1016-3	(3)	5.35	5.36	5.26	5.46	0.01
Aroclor-1016-4	(4)	5.39	5.40	5.30	5.50	0.01
Aroclor-1016-5	(5)	5.61	5.62	5.52	5.72	0.01
Aroclor-1260-1	(1)	6.65	6.66	6.56	6.76	0.01
Aroclor-1260-2	(2)	6.84	6.85	6.75	6.95	0.01
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.47	7.48	7.38	7.58	0.01
Aroclor-1260-5	(5)	7.71	7.72	7.62	7.82	0.01
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.20	9.22	9.12	9.32	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/08/2024 10/08/2024

Client Sample No.: CCAL04 Date Analyzed: 10/29/2024

Lab Sample No.: AR1660CCC500 Data File : PP068299.D Time Analyzed: 11:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.915	5.819	6.019	560.040	500.000	12.0
Aroclor-1016-2	5.938	5.842	6.042	551.340	500.000	10.3
Aroclor-1016-3	6.000	5.905	6.105	550.550	500.000	10.1
Aroclor-1016-4	6.099	6.003	6.203	544.740	500.000	8.9
Aroclor-1016-5	6.393	6.298	6.498	532.370	500.000	6.5
Aroclor-1260-1	7.516	7.422	7.622	510.920	500.000	2.2
Aroclor-1260-2	7.769	7.675	7.875	502.770	500.000	0.6
Aroclor-1260-3	8.130	8.037	8.237	518.960	500.000	3.8
Aroclor-1260-4	8.367	8.275	8.475	514.860	500.000	3.0
Aroclor-1260-5	8.704	8.612	8.812	516.390	500.000	3.3
Decachlorobiphenyl	10.657	10.569	10.769	56.100	50.000	12.2
Tetrachloro-m-xylene	4.751	4.655	4.855	56.350	50.000	12.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/08/2024 10/08/2024

Client Sample No.: CCAL04 Date Analyzed: 10/29/2024

Lab Sample No.: AR1660CCC500 Data File : PP068299.D Time Analyzed: 11:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.153	5.061	5.261	503.500	500.000	0.7
Aroclor-1016-2	5.173	5.081	5.281	499.880	500.000	0.0
Aroclor-1016-3	5.354	5.262	5.462	524.560	500.000	4.9
Aroclor-1016-4	5.393	5.301	5.501	523.430	500.000	4.7
Aroclor-1016-5	5.612	5.520	5.720	508.770	500.000	1.8
Aroclor-1260-1	6.654	6.564	6.764	493.590	500.000	-1.3
Aroclor-1260-2	6.840	6.750	6.950	495.080	500.000	-1.0
Aroclor-1260-3	6.998	6.908	7.108	493.360	500.000	-1.3
Aroclor-1260-4	7.472	7.383	7.583	496.630	500.000	-0.7
Aroclor-1260-5	7.711	7.622	7.822	495.530	500.000	-0.9
Decachlorobiphenyl	9.202	9.119	9.319	52.510	50.000	5.0
Tetrachloro-m-xylene	4.047	3.952	4.152	50.920	50.000	1.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/29/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 17:47 Initial Calibration Time(s): 16:30 23:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.93	5.92	5.82	6.02	-0.01
Aroclor-1016-2	(2)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-3	(3)	6.01	6.01	5.91	6.11	0.00
Aroclor-1016-4	(4)	6.11	6.10	6.00	6.20	-0.01
Aroclor-1016-5	(5)	6.40	6.40	6.30	6.50	0.00
Aroclor-1260-1	(1)	7.52	7.52	7.42	7.62	0.00
Aroclor-1260-2	(2)	7.78	7.78	7.68	7.88	0.00
Aroclor-1260-3	(3)	8.14	8.14	8.04	8.24	0.00
Aroclor-1260-4	(4)	8.38	8.38	8.28	8.48	0.00
Aroclor-1260-5	(5)	8.71	8.71	8.61	8.81	0.00
Tetrachloro-m-xylene		4.76	4.76	4.66	4.86	0.00
Decachlorobiphenyl		10.67	10.67	10.57	10.77	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Continuing Calib Date: 10/29/2024 Initial Calibration Date(s): 10/08/2024 10/08/2024

Continuing Calib Time: 17:47 Initial Calibration Time(s): 16:30 23:46

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.16	5.16	5.06	5.26	0.00
Aroclor-1016-2	(2)	5.18	5.18	5.08	5.28	0.00
Aroclor-1016-3	(3)	5.36	5.36	5.26	5.46	0.00
Aroclor-1016-4	(4)	5.40	5.40	5.30	5.50	0.00
Aroclor-1016-5	(5)	5.62	5.62	5.52	5.72	0.00
Aroclor-1260-1	(1)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-2	(2)	6.85	6.85	6.75	6.95	0.00
Aroclor-1260-3	(3)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-4	(4)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-5	(5)	7.72	7.72	7.62	7.82	0.00
Tetrachloro-m-xylene		4.05	4.05	3.95	4.15	0.00
Decachlorobiphenyl		9.21	9.22	9.12	9.32	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/08/2024 10/08/2024

Client Sample No.: CCAL05 Date Analyzed: 10/29/2024

Lab Sample No.: AR1660CCC500 Data File : PP068312.D Time Analyzed: 17:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.925	5.819	6.019	545.450	500.000	9.1
Aroclor-1016-2	5.946	5.842	6.042	552.100	500.000	10.4
Aroclor-1016-3	6.010	5.905	6.105	536.070	500.000	7.2
Aroclor-1016-4	6.108	6.003	6.203	518.640	500.000	3.7
Aroclor-1016-5	6.402	6.298	6.498	547.610	500.000	9.5
Aroclor-1260-1	7.524	7.422	7.622	509.830	500.000	2.0
Aroclor-1260-2	7.778	7.675	7.875	513.410	500.000	2.7
Aroclor-1260-3	8.139	8.037	8.237	535.650	500.000	7.1
Aroclor-1260-4	8.377	8.275	8.475	524.710	500.000	4.9
Aroclor-1260-5	8.713	8.612	8.812	533.880	500.000	6.8
Decachlorobiphenyl	10.669	10.569	10.769	58.530	50.000	17.1
Tetrachloro-m-xylene	4.761	4.655	4.855	58.210	50.000	16.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/08/2024 10/08/2024

Client Sample No.: CCAL05 Date Analyzed: 10/29/2024

Lab Sample No.: AR1660CCC500 Data File : PP068312.D Time Analyzed: 17:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.159	5.061	5.261	517.750	500.000	3.6
Aroclor-1016-2	5.179	5.081	5.281	530.920	500.000	6.2
Aroclor-1016-3	5.359	5.262	5.462	531.030	500.000	6.2
Aroclor-1016-4	5.399	5.301	5.501	530.080	500.000	6.0
Aroclor-1016-5	5.617	5.520	5.720	548.700	500.000	9.7
Aroclor-1260-1	6.660	6.564	6.764	507.760	500.000	1.6
Aroclor-1260-2	6.847	6.750	6.950	513.820	500.000	2.8
Aroclor-1260-3	7.004	6.908	7.108	513.220	500.000	2.6
Aroclor-1260-4	7.478	7.383	7.583	516.080	500.000	3.2
Aroclor-1260-5	7.716	7.622	7.822	529.410	500.000	5.9
Decachlorobiphenyl	9.208	9.119	9.319	58.550	50.000	17.1
Tetrachloro-m-xylene	4.053	3.952	4.152	52.210	50.000	4.4

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4578
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/15/2024 10/15/2024

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	10/15/2024	18:08	PO107183.D	10.06	4.37
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	10.06	4.37
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	10.06	4.37
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	10.06	4.37
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	10.06	4.37
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	10.06	4.37
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	10.06	4.37
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	10.06	4.37
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	10.06	4.37
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	10.06	4.37
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	10.06	4.37
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	10.06	4.37
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	10.06	4.37
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	10.06	4.37
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	10.06	4.37
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	10.06	4.37
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	10.06	4.37
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	10.06	4.37
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	10.06	4.37
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	10.06	4.37
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	10.06	4.37
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	10.06	4.37
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	10.06	4.37
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	10.06	4.37
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	10.06	4.37
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	10.06	4.37
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	10.06	4.37
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	10.06	4.37
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/28/2024	16:10	PO107435.D	10.06	4.37
IBLK	IBLK	10/28/2024	17:40	PO107440.D	10.06	4.37
PB164459BL	PB164459BL	10/28/2024	17:58	PO107441.D	10.06	4.37
PB164459BS	PB164459BS	10/28/2024	18:16	PO107442.D	10.06	4.37
HD-01-102524MS	P4566-01MS	10/28/2024	19:28	PO107446.D	10.06	4.37
HD-01-102524MSD	P4566-01MSD	10/28/2024	19:46	PO107447.D	10.06	4.37
AR1660CCC500	AR1660CCC500	10/28/2024	21:27	PO107451.D	10.06	4.37
IBLK	IBLK	10/28/2024	22:39	PO107455.D	10.06	4.37
WB-305-TOP	P4578-03	10/29/2024	00:09	PO107460.D	10.05	4.37
WB-305-TOP-1	P4578-04	10/29/2024	00:27	PO107461.D	10.06	4.37
WB-305-BOT	P4578-05	10/29/2024	00:45	PO107462.D	10.06	4.37
WB-305-BOT-1	P4578-07	10/29/2024	01:03	PO107463.D	10.05	4.37
AR1660CCC500	AR1660CCC500	10/29/2024	01:50	PO107464.D	10.05	4.37

Analytical Sequence

LBLK	LBLK	10/29/2024	03:02	PO107468.D	10.06	4.37
LBLK	LBLK	10/08/2024	16:14	PP067586.D	10.67	4.75
AR1660ICC1000	AR1660ICC1000	10/08/2024	16:30	PP067587.D	10.67	4.75
AR1660ICC750	AR1660ICC750	10/08/2024	16:46	PP067588.D	10.67	4.75
AR1660ICC500	AR1660ICC500	10/08/2024	17:02	PP067589.D	10.67	4.76
AR1660ICC250	AR1660ICC250	10/08/2024	17:19	PP067590.D	10.67	4.75
AR1660ICC050	AR1660ICC050	10/08/2024	17:35	PP067591.D	10.67	4.76
AR1221ICC500	AR1221ICC500	10/08/2024	17:51	PP067592.D	10.67	4.75
AR1232ICC500	AR1232ICC500	10/08/2024	18:07	PP067593.D	10.67	4.75
AR1242ICC1000	AR1242ICC1000	10/08/2024	18:23	PP067594.D	10.67	4.76
AR1242ICC750	AR1242ICC750	10/08/2024	18:39	PP067595.D	10.67	4.76
AR1242ICC500	AR1242ICC500	10/08/2024	18:55	PP067596.D	10.67	4.75
AR1242ICC250	AR1242ICC250	10/08/2024	19:12	PP067597.D	10.67	4.76
AR1242ICC050	AR1242ICC050	10/08/2024	19:28	PP067598.D	10.67	4.75
AR1248ICC1000	AR1248ICC1000	10/08/2024	19:44	PP067599.D	10.67	4.75
AR1248ICC750	AR1248ICC750	10/08/2024	20:00	PP067600.D	10.67	4.75
AR1248ICC500	AR1248ICC500	10/08/2024	20:16	PP067601.D	10.67	4.75
AR1248ICC250	AR1248ICC250	10/08/2024	20:32	PP067602.D	10.67	4.75
AR1248ICC050	AR1248ICC050	10/08/2024	20:49	PP067603.D	10.66	4.75
AR1254ICC1000	AR1254ICC1000	10/08/2024	21:05	PP067604.D	10.67	4.76
AR1254ICC750	AR1254ICC750	10/08/2024	21:21	PP067605.D	10.67	4.75
AR1254ICC500	AR1254ICC500	10/08/2024	21:37	PP067606.D	10.67	4.75
AR1254ICC250	AR1254ICC250	10/08/2024	21:53	PP067607.D	10.67	4.75
AR1254ICC050	AR1254ICC050	10/08/2024	22:09	PP067608.D	10.66	4.75
AR1262ICC500	AR1262ICC500	10/08/2024	22:25	PP067609.D	10.66	4.75
AR1268ICC1000	AR1268ICC1000	10/08/2024	22:42	PP067610.D	10.67	4.76
AR1268ICC750	AR1268ICC750	10/08/2024	22:58	PP067611.D	10.67	4.75
AR1268ICC500	AR1268ICC500	10/08/2024	23:14	PP067612.D	10.67	4.75
AR1268ICC250	AR1268ICC250	10/08/2024	23:30	PP067613.D	10.67	4.75
AR1268ICC050	AR1268ICC050	10/08/2024	23:46	PP067614.D	10.67	4.75
AR1660CCC500	AR1660CCC500	10/29/2024	11:47	PP068299.D	10.66	4.75
LBLK	LBLK	10/29/2024	13:45	PP068303.D	10.67	4.76
PB164493BL	PB164493BL	10/29/2024	15:16	PP068304.D	10.68	4.76
PB164493BS	PB164493BS	10/29/2024	15:32	PP068305.D	10.67	4.76
PB164493BSD	PB164493BSD	10/29/2024	15:48	PP068306.D	10.67	4.76
WB-305-SW	P4578-01	10/29/2024	16:21	PP068308.D	10.67	4.76
WB-305-SW-1	P4578-02	10/29/2024	16:37	PP068309.D	10.67	4.76
AR1660CCC500	AR1660CCC500	10/29/2024	17:47	PP068312.D	10.67	4.76
LBLK	LBLK	10/29/2024	18:53	PP068316.D	10.67	4.76

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P4578
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/15/2024 10/15/2024

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	10/15/2024	18:08	PO107183.D	8.64	3.64
AR1660ICC1000	AR1660ICC1000	10/15/2024	18:27	PO107184.D	8.64	3.64
AR1660ICC750	AR1660ICC750	10/15/2024	18:45	PO107185.D	8.64	3.64
AR1660ICC500	AR1660ICC500	10/15/2024	19:03	PO107186.D	8.64	3.65
AR1660ICC250	AR1660ICC250	10/15/2024	19:21	PO107187.D	8.64	3.64
AR1660ICC050	AR1660ICC050	10/15/2024	19:39	PO107188.D	8.64	3.64
AR1221ICC500	AR1221ICC500	10/15/2024	19:57	PO107189.D	8.64	3.64
AR1232ICC500	AR1232ICC500	10/15/2024	20:15	PO107190.D	8.64	3.64
AR1242ICC1000	AR1242ICC1000	10/15/2024	20:34	PO107191.D	8.64	3.64
AR1242ICC750	AR1242ICC750	10/15/2024	20:52	PO107192.D	8.64	3.64
AR1242ICC500	AR1242ICC500	10/15/2024	21:10	PO107193.D	8.64	3.64
AR1242ICC250	AR1242ICC250	10/15/2024	21:28	PO107194.D	8.64	3.65
AR1242ICC050	AR1242ICC050	10/15/2024	21:46	PO107195.D	8.64	3.64
AR1248ICC1000	AR1248ICC1000	10/15/2024	22:04	PO107196.D	8.64	3.64
AR1248ICC750	AR1248ICC750	10/15/2024	22:22	PO107197.D	8.64	3.64
AR1248ICC500	AR1248ICC500	10/15/2024	22:41	PO107198.D	8.64	3.64
AR1248ICC250	AR1248ICC250	10/15/2024	22:59	PO107199.D	8.64	3.64
AR1248ICC050	AR1248ICC050	10/15/2024	23:17	PO107200.D	8.64	3.64
AR1254ICC1000	AR1254ICC1000	10/15/2024	23:35	PO107201.D	8.64	3.65
AR1254ICC750	AR1254ICC750	10/15/2024	23:53	PO107202.D	8.64	3.64
AR1254ICC500	AR1254ICC500	10/16/2024	00:11	PO107203.D	8.64	3.64
AR1254ICC250	AR1254ICC250	10/16/2024	00:29	PO107204.D	8.64	3.64
AR1254ICC050	AR1254ICC050	10/16/2024	00:47	PO107205.D	8.64	3.65
AR1262ICC500	AR1262ICC500	10/16/2024	01:05	PO107206.D	8.64	3.64
AR1268ICC1000	AR1268ICC1000	10/16/2024	01:23	PO107207.D	8.64	3.65
AR1268ICC750	AR1268ICC750	10/16/2024	01:41	PO107208.D	8.64	3.64
AR1268ICC500	AR1268ICC500	10/16/2024	01:59	PO107209.D	8.64	3.65
AR1268ICC250	AR1268ICC250	10/16/2024	02:18	PO107210.D	8.64	3.64
AR1268ICC050	AR1268ICC050	10/16/2024	02:36	PO107211.D	8.64	3.65
AR1660CCC500	AR1660CCC500	10/28/2024	16:10	PO107435.D	8.63	3.64
IBLK	IBLK	10/28/2024	17:40	PO107440.D	8.63	3.64
PB164459BL	PB164459BL	10/28/2024	17:58	PO107441.D	8.63	3.64
PB164459BS	PB164459BS	10/28/2024	18:16	PO107442.D	8.64	3.64
HD-01-102524MS	P4566-01MS	10/28/2024	19:28	PO107446.D	8.64	3.65
HD-01-102524MSD	P4566-01MSD	10/28/2024	19:46	PO107447.D	8.64	3.64
AR1660CCC500	AR1660CCC500	10/28/2024	21:27	PO107451.D	8.63	3.64
IBLK	IBLK	10/28/2024	22:39	PO107455.D	8.63	3.64
WB-305-TOP	P4578-03	10/29/2024	00:09	PO107460.D	8.63	3.64
WB-305-TOP-1	P4578-04	10/29/2024	00:27	PO107461.D	8.63	3.64
WB-305-BOT	P4578-05	10/29/2024	00:45	PO107462.D	8.63	3.64
WB-305-BOT-1	P4578-07	10/29/2024	01:03	PO107463.D	8.63	3.64
AR1660CCC500	AR1660CCC500	10/29/2024	01:50	PO107464.D	8.63	3.64

Analytical Sequence

LBLK	LBLK	10/29/2024	03:02	PO107468.D	8.63	3.64
LBLK	LBLK	10/08/2024	16:14	PP067586.D	9.22	4.05
AR1660ICC1000	AR1660ICC1000	10/08/2024	16:30	PP067587.D	9.22	4.05
AR1660ICC750	AR1660ICC750	10/08/2024	16:46	PP067588.D	9.22	4.05
AR1660ICC500	AR1660ICC500	10/08/2024	17:02	PP067589.D	9.22	4.05
AR1660ICC250	AR1660ICC250	10/08/2024	17:19	PP067590.D	9.22	4.05
AR1660ICC050	AR1660ICC050	10/08/2024	17:35	PP067591.D	9.22	4.05
AR1221ICC500	AR1221ICC500	10/08/2024	17:51	PP067592.D	9.22	4.05
AR1232ICC500	AR1232ICC500	10/08/2024	18:07	PP067593.D	9.22	4.05
AR1242ICC1000	AR1242ICC1000	10/08/2024	18:23	PP067594.D	9.22	4.05
AR1242ICC750	AR1242ICC750	10/08/2024	18:39	PP067595.D	9.22	4.05
AR1242ICC500	AR1242ICC500	10/08/2024	18:55	PP067596.D	9.22	4.05
AR1242ICC250	AR1242ICC250	10/08/2024	19:12	PP067597.D	9.22	4.05
AR1242ICC050	AR1242ICC050	10/08/2024	19:28	PP067598.D	9.22	4.05
AR1248ICC1000	AR1248ICC1000	10/08/2024	19:44	PP067599.D	9.22	4.05
AR1248ICC750	AR1248ICC750	10/08/2024	20:00	PP067600.D	9.22	4.05
AR1248ICC500	AR1248ICC500	10/08/2024	20:16	PP067601.D	9.22	4.05
AR1248ICC250	AR1248ICC250	10/08/2024	20:32	PP067602.D	9.22	4.05
AR1248ICC050	AR1248ICC050	10/08/2024	20:49	PP067603.D	9.22	4.05
AR1254ICC1000	AR1254ICC1000	10/08/2024	21:05	PP067604.D	9.22	4.05
AR1254ICC750	AR1254ICC750	10/08/2024	21:21	PP067605.D	9.22	4.05
AR1254ICC500	AR1254ICC500	10/08/2024	21:37	PP067606.D	9.22	4.05
AR1254ICC250	AR1254ICC250	10/08/2024	21:53	PP067607.D	9.22	4.05
AR1254ICC050	AR1254ICC050	10/08/2024	22:09	PP067608.D	9.22	4.05
AR1262ICC500	AR1262ICC500	10/08/2024	22:25	PP067609.D	9.22	4.05
AR1268ICC1000	AR1268ICC1000	10/08/2024	22:42	PP067610.D	9.22	4.05
AR1268ICC750	AR1268ICC750	10/08/2024	22:58	PP067611.D	9.22	4.05
AR1268ICC500	AR1268ICC500	10/08/2024	23:14	PP067612.D	9.22	4.05
AR1268ICC250	AR1268ICC250	10/08/2024	23:30	PP067613.D	9.22	4.05
AR1268ICC050	AR1268ICC050	10/08/2024	23:46	PP067614.D	9.22	4.05
AR1660CCC500	AR1660CCC500	10/29/2024	11:47	PP068299.D	9.20	4.05
LBLK	LBLK	10/29/2024	13:45	PP068303.D	9.21	4.05
PB164493BL	PB164493BL	10/29/2024	15:16	PP068304.D	9.21	4.06
PB164493BS	PB164493BS	10/29/2024	15:32	PP068305.D	9.21	4.05
PB164493BSD	PB164493BSD	10/29/2024	15:48	PP068306.D	9.21	4.05
WB-305-SW	P4578-01	10/29/2024	16:21	PP068308.D	9.21	4.05
WB-305-SW-1	P4578-02	10/29/2024	16:37	PP068309.D	9.21	4.05
AR1660CCC500	AR1660CCC500	10/29/2024	17:47	PP068312.D	9.21	4.05
LBLK	LBLK	10/29/2024	18:53	PP068316.D	9.21	4.05

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164459BS

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Lab Sample ID: PB164459BS Date(s) Analyzed: 10/28/2024 10/28/2024

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 PO107442.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.52	5.47	5.57	156	156	2.53
COLUMN 1	2	5.542	5.492	5.592	155		
	3	5.605	5.555	5.655	154		
	4	5.702	5.652	5.752	161		
	5	5.996	5.946	6.046	154		
COLUMN 2	1	4.725	4.675	4.775	165	160	
	2	4.743	4.693	4.793	167		
	3	4.92	4.87	4.97	160		
	4	4.96	4.91	5.01	151		
	5	5.174	5.124	5.224	157		
Aroclor-1260	1	7.124	7.074	7.174	159	149	8.36
COLUMN 1	2	7.38	7.33	7.43	162		
	3	7.741	7.691	7.791	136		
	4	7.965	7.915	8.015	147		
	5	8.279	8.229	8.329	140		
COLUMN 2	1	6.204	6.154	6.254	166	162	
	2	6.391	6.341	6.441	176		
	3	6.544	6.494	6.594	170		
	4	7.015	6.965	7.065	145		
	5	7.255	7.205	7.305	154		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

HD-01-102524MS

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Lab Sample ID: P4566-01MS Date(s) Analyzed: 10/28/2024 10/28/2024

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 PO107446.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.52	5.47	5.57	145	143	5.44
COLUMN 1	2	5.542	5.492	5.592	130		
	3	5.604	5.554	5.654	131		
	4	5.702	5.652	5.752	150		
	5	5.995	5.945	6.045	161		
	1	4.725	4.675	4.775	161		
COLUMN 2	2	4.744	4.694	4.794	155	151	
	3	4.919	4.869	4.969	159		
	4	4.961	4.911	5.011	155		
	5	5.173	5.123	5.223	123		
Aroclor-1260	1	7.123	7.073	7.173	138	141	10.45
COLUMN 1	2	7.38	7.33	7.43	152		
	3	7.742	7.692	7.792	125		
	4	7.966	7.916	8.016	145		
	5	8.279	8.229	8.329	145		
	1	6.204	6.154	6.254	137		
COLUMN 2	2	6.391	6.341	6.441	142	127	
	3	6.544	6.494	6.594	130		
	4	7.015	6.965	7.065	109		
	5	7.255	7.205	7.305	117		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

HD-01-102524MSD

Contract: PORT06

Lab Code: CHEM Case No.: P4578 SAS No.: P4578 SDG NO.: P4578

Lab Sample ID: P4566-01MSD Date(s) Analyzed: 10/28/2024 10/28/2024

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 PO107447.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.521	5.471	5.571	139	139	7.61
COLUMN 1	2	5.543	5.493	5.593	126		
	3	5.605	5.555	5.655	129		
	4	5.702	5.652	5.752	144		
	5	5.995	5.945	6.045	155		
	1	4.725	4.675	4.775	161		
COLUMN 2	2	4.744	4.694	4.794	154	150	
	3	4.919	4.869	4.969	157		
	4	4.961	4.911	5.011	152		
	5	5.173	5.123	5.223	124		
Aroclor-1260	1	7.124	7.074	7.174	130	130	5.53
COLUMN 1	2	7.38	7.33	7.43	142		
	3	7.742	7.692	7.792	112		
	4	7.966	7.916	8.016	132		
	5	8.28	8.23	8.33	135		
	1	6.205	6.155	6.255	132	123	
COLUMN 2	2	6.391	6.341	6.441	141		
	3	6.545	6.495	6.595	125		
	4	7.015	6.965	7.065	106		
	5	7.256	7.206	7.306	112		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164493BS

Contract: PORT06

Lab Code: CHEM

Case No.: P4578

SAS No.: P4578

SDG NO.: P4578

Lab Sample ID: PB164493BS

Date(s) Analyzed: 10/29/2024

10/29/2024

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 PP068305.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.924	5.874	5.974	4.27	4.40	12.05
COLUMN 1	2	5.946	5.896	5.996	4.43		
	3	6.01	5.96	6.06	4.29		
	4	6.108	6.058	6.158	4.75		
	5	6.402	6.352	6.452	4.15		
	1	5.16	5.11	5.21	3.85		
COLUMN 2	2	5.179	5.129	5.229	3.93	3.90	
	3	5.36	5.31	5.41	3.92		
	4	5.399	5.349	5.449	3.91		
	5	5.618	5.568	5.668	3.78		
Aroclor-1260	1	7.525	7.475	7.575	4.40	4.10	5
COLUMN 1	2	7.778	7.728	7.828	4.29		
	3	8.139	8.089	8.189	3.87		
	4	8.376	8.326	8.426	4.00		
	5	8.715	8.665	8.765	3.87		
	1	6.66	6.61	6.71	4.04		
COLUMN 2	2	6.847	6.797	6.897	4.05	3.90	
	3	7.004	6.954	7.054	4.09		
	4	7.478	7.428	7.528	3.66		
	5	7.717	7.667	7.767	3.65		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB164493BSD

Contract: PORT06

Lab Code: CHEM

Case No.: P4578

SAS No.: P4578

SDG NO.: P4578

Lab Sample ID: PB164493BSD

Date(s) Analyzed: 10/29/2024

10/29/2024

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 PP068306.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.924	5.874	5.974	3.93	4.30	9.76
COLUMN 1	2	5.943	5.893	5.993	4.94		
	3	6.009	5.959	6.059	4.21		
	4	6.108	6.058	6.158	4.30		
	5	6.4	6.35	6.45	4.30		
	1	5.159	5.109	5.209	3.82		
COLUMN 2	2	5.179	5.129	5.229	3.89	3.90	
	3	5.359	5.309	5.409	3.88		
	4	5.399	5.349	5.449	3.90		
	5	5.617	5.567	5.667	3.76		
Aroclor-1260	1	7.524	7.474	7.574	4.26	4.00	5.13
COLUMN 1	2	7.777	7.727	7.827	4.19		
	3	8.138	8.088	8.188	3.75		
	4	8.376	8.326	8.426	4.00		
	5	8.714	8.664	8.764	3.79		
	1	6.659	6.609	6.709	4.02		
COLUMN 2	2	6.846	6.796	6.896	4.01	3.80	
	3	7.003	6.953	7.053	4.04		
	4	7.478	7.428	7.528	3.56		
	5	7.716	7.666	7.766	3.57		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102924\
 Data File : PP068308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 16:21
 Operator : YP\AJ
 Sample : P4578-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 WB-305-SW

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 00:55:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 2024
 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...	4.760	4.053	19491774	20245440	21.058	20.037
2) SA Decachlor...	10.670	9.209	23620215	21905702	20.516	19.533

Target Compounds

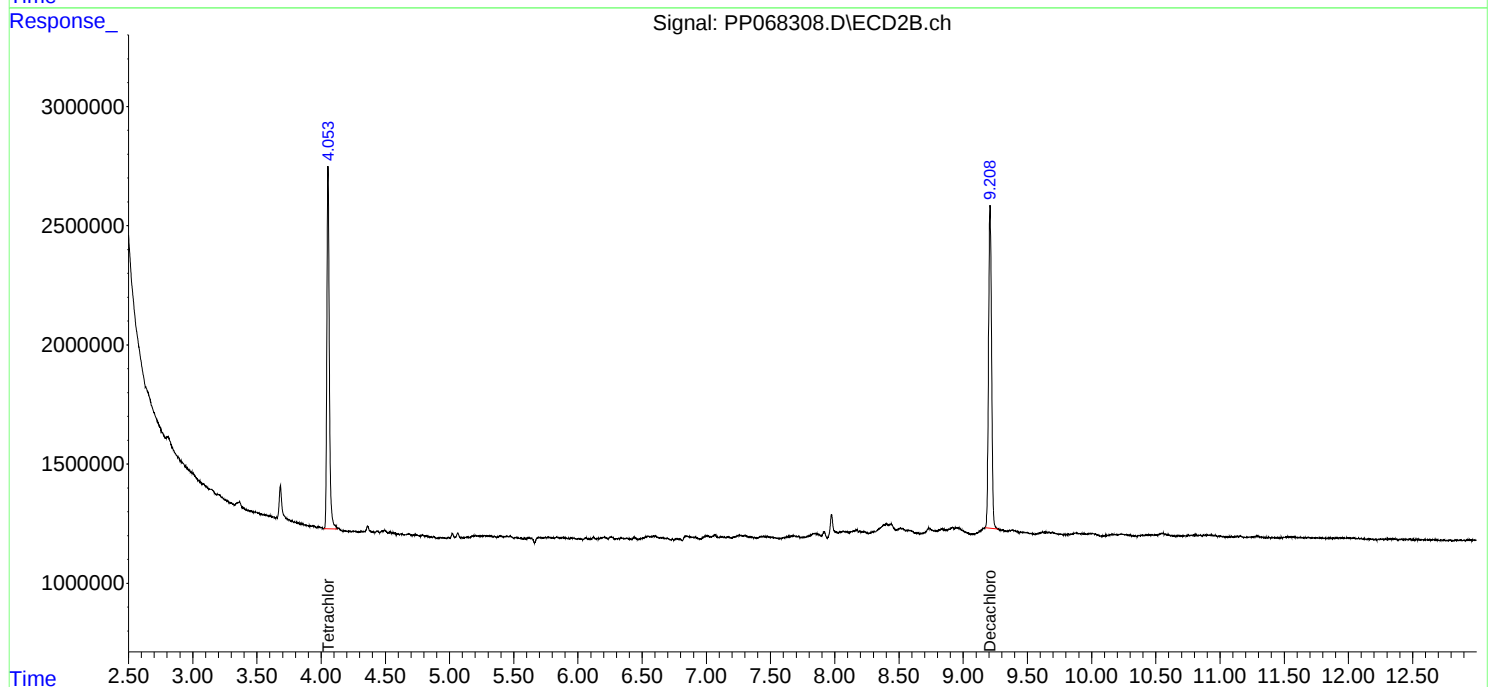
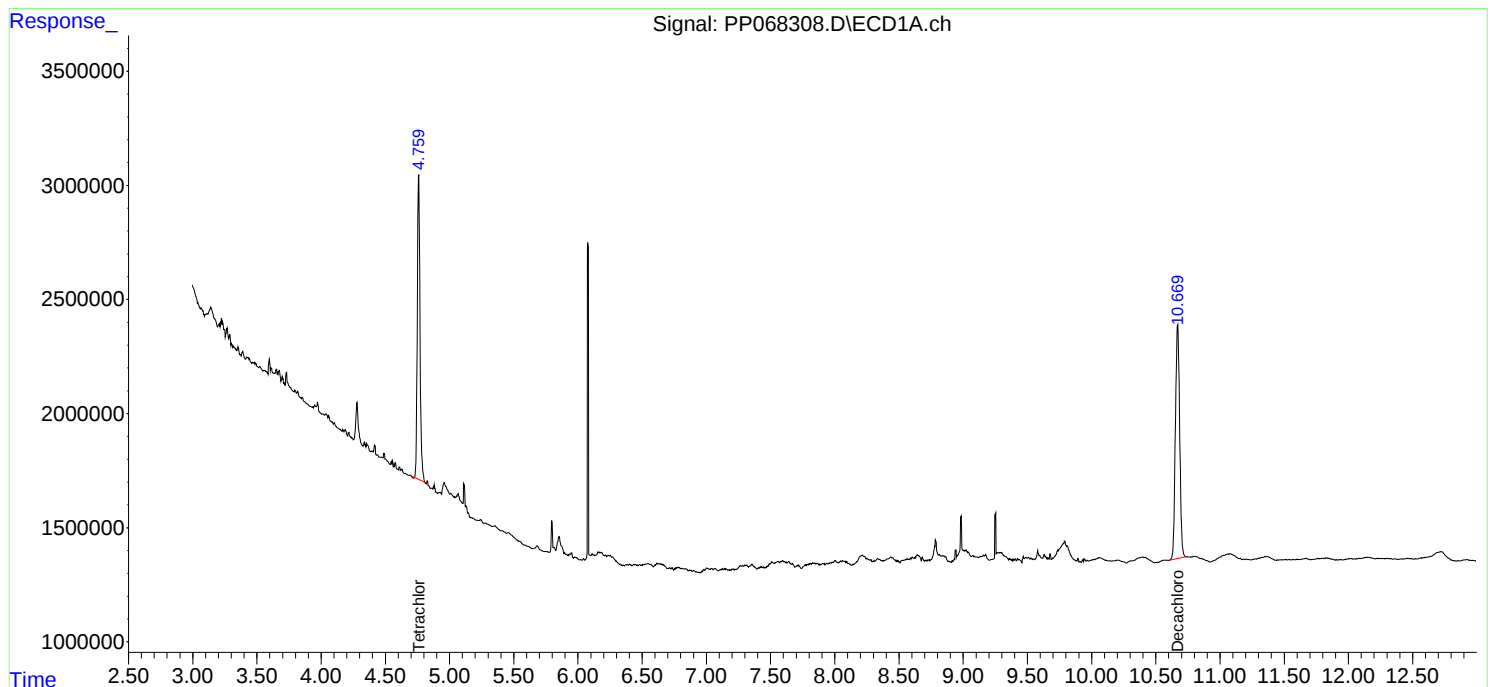
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

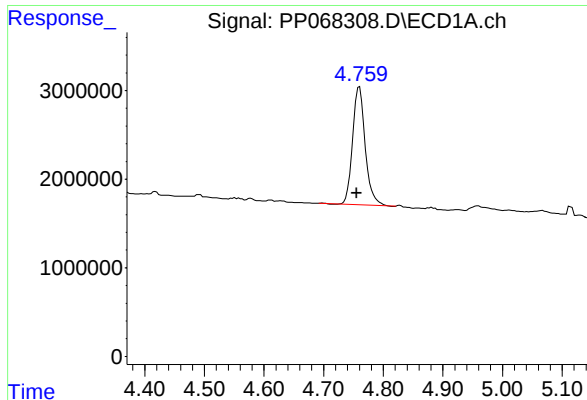
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102924\
Data File : PP068308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 16:21
Operator : YP\AJ
Sample : P4578-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
WB-305-SW

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 00:55:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 2024
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

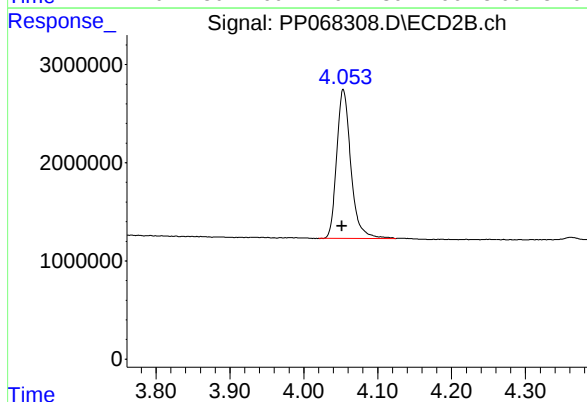




#1 Tetrachloro-m-xylene

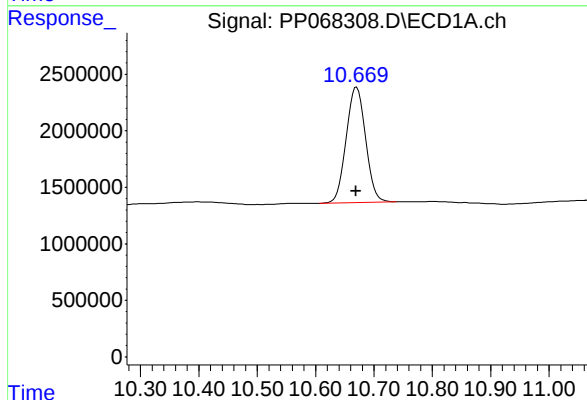
R.T.: 4.760 min
Delta R.T.: 0.005 min
Response: 19491774
Conc: 21.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
WB-305-SW



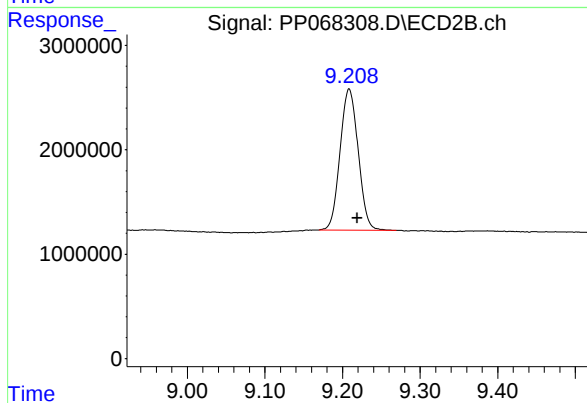
#1 Tetrachloro-m-xylene

R.T.: 4.053 min
Delta R.T.: 0.002 min
Response: 20245440
Conc: 20.04 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.670 min
Delta R.T.: 0.001 min
Response: 23620215
Conc: 20.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.209 min
Delta R.T.: -0.010 min
Response: 21905702
Conc: 19.53 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102924\
 Data File : PP068309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 16:37
 Operator : YP\AJ
 Sample : P4578-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 WB-305-SW-1

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: Oct 30 00:56:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 2024
 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...	4.759	4.053	20045493	19756036	21.656	19.553
2) SA Decachlor...	10.668	9.207	23781400	22833348	20.656	20.360

Target Compounds

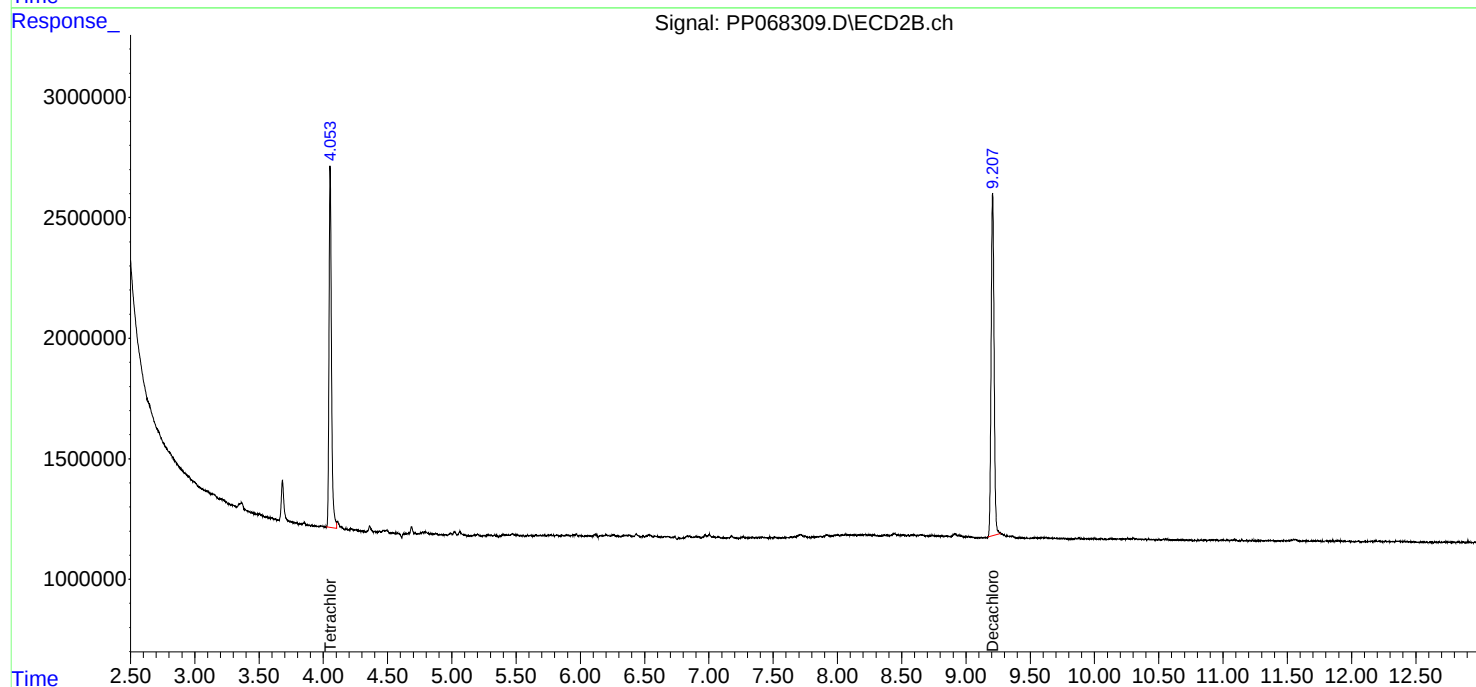
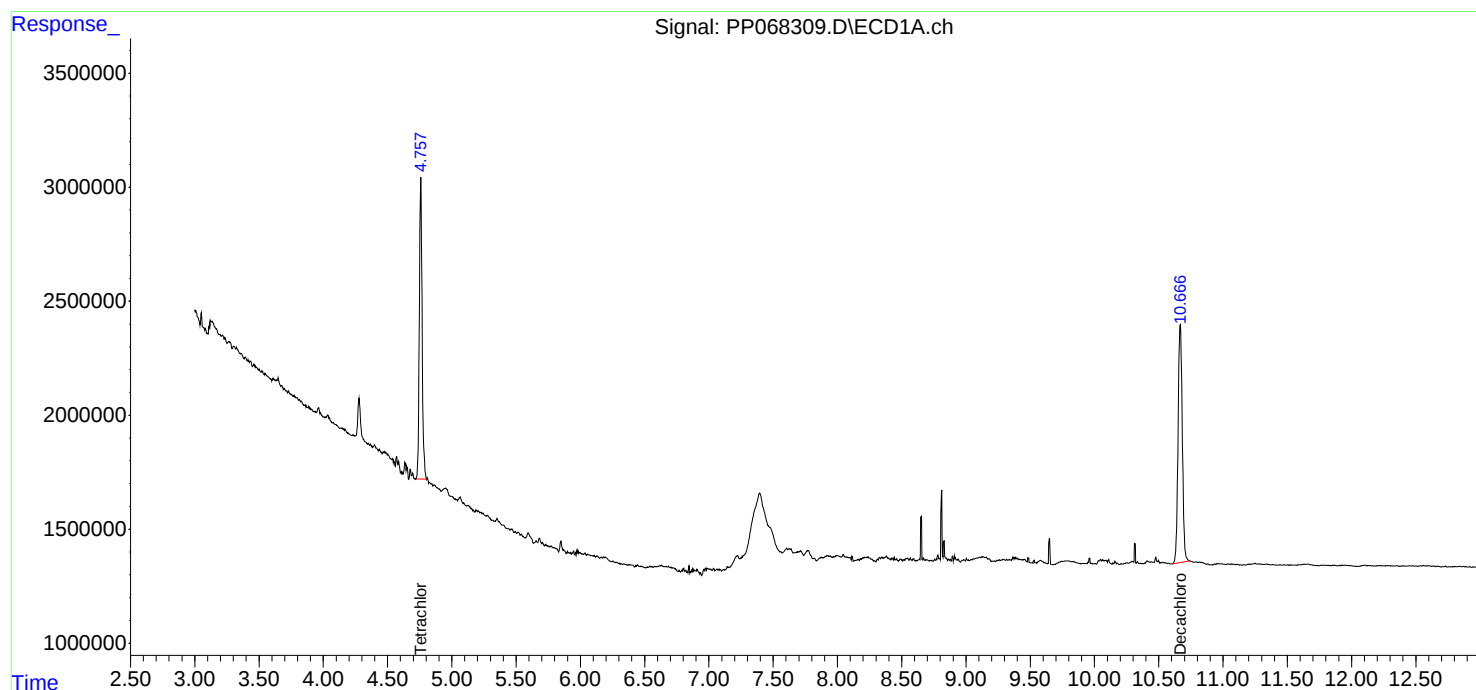
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

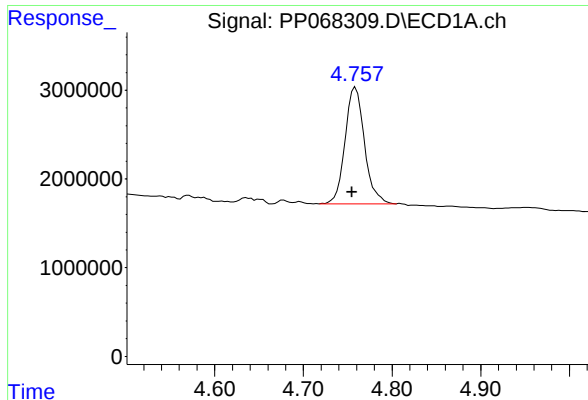
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102924\
Data File : PP068309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 16:37
Operator : YP\AJ
Sample : P4578-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
WB-305-SW-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 00:56:15 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 2024
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

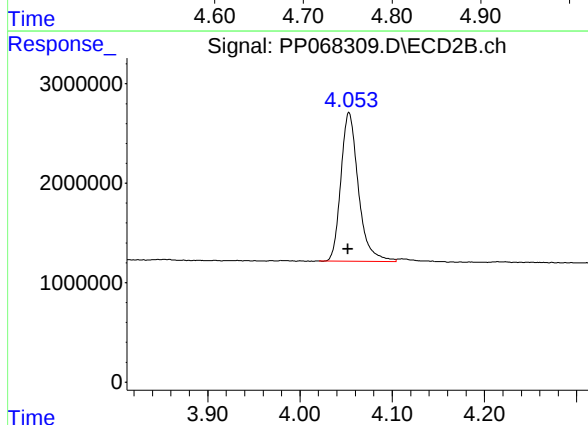




#1 Tetrachloro-m-xylene

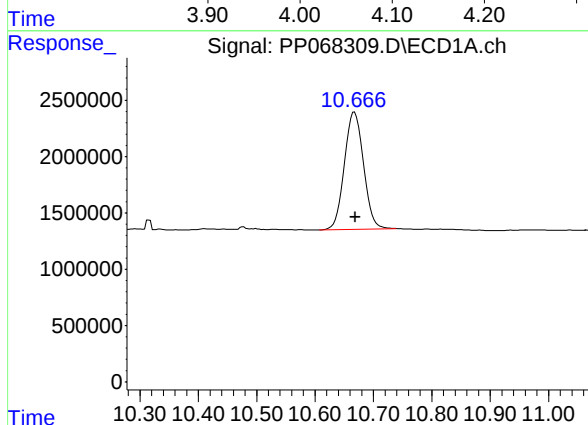
R.T.: 4.759 min
Delta R.T.: 0.004 min
Response: 20045493
Conc: 21.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
WB-305-SW-1



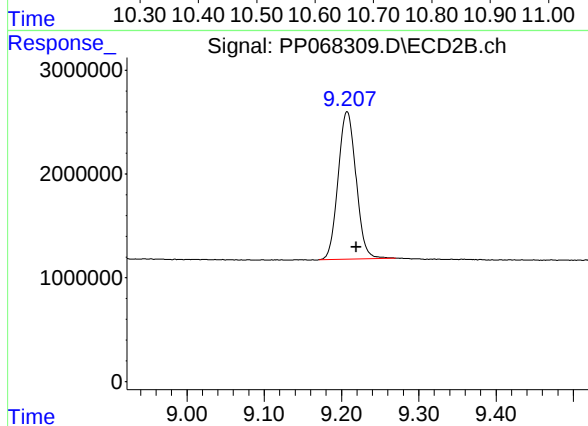
#1 Tetrachloro-m-xylene

R.T.: 4.053 min
Delta R.T.: 0.001 min
Response: 19756036
Conc: 19.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.668 min
Delta R.T.: -0.001 min
Response: 23781400
Conc: 20.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.207 min
Delta R.T.: -0.012 min
Response: 22833348
Conc: 20.36 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
 Data File : PO107460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 00:09
 Operator : YP/AJ
 Sample : P4578-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WB-305-TOP

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:56:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 28 11:34:55 2024
 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...	4.370	3.643	147.6E6	64601581	16.191m	20.072m
2) SA Decachlor...	10.054	8.633	40999655	40497778	16.712	14.772

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 00:09
Operator : YP/AJ
Sample : P4578-03
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

WB-305-TOP

Manual Integrations

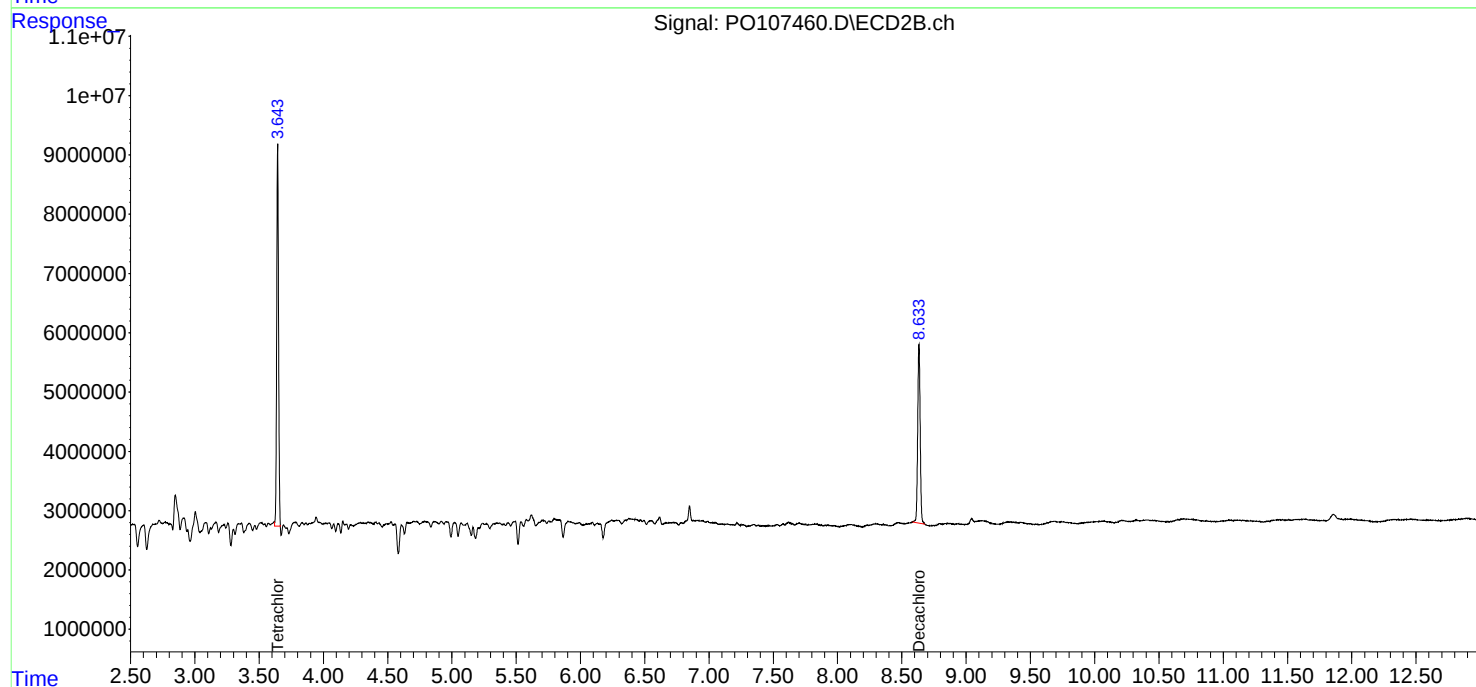
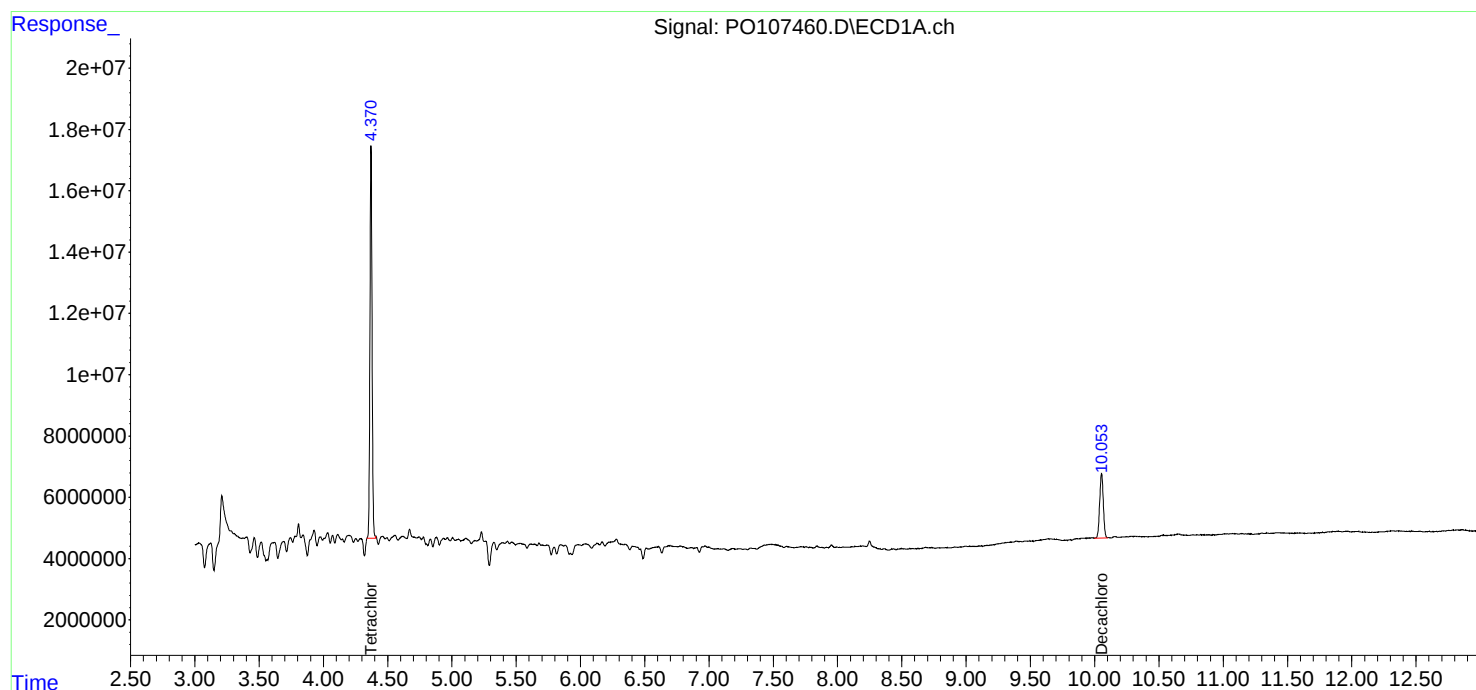
APPROVED

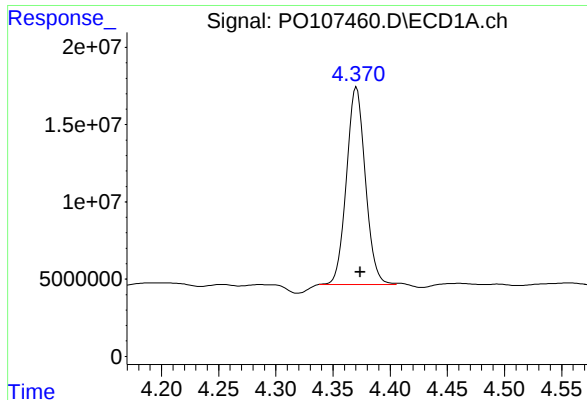
Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:56:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
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





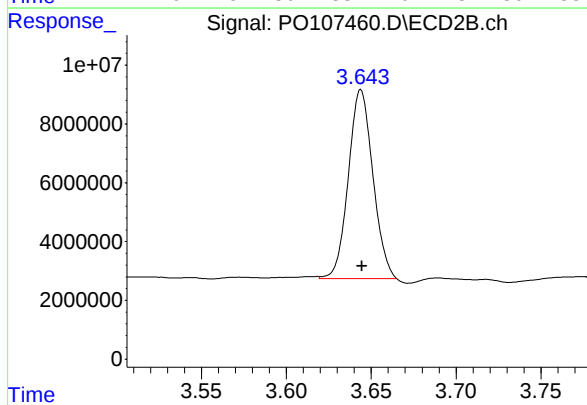
#1 Tetrachloro-m-xylene

R.T.: 4.370 min
Delta R.T.: -0.004 min
Response: 147562908
Conc: 16.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
WB-305-TOP

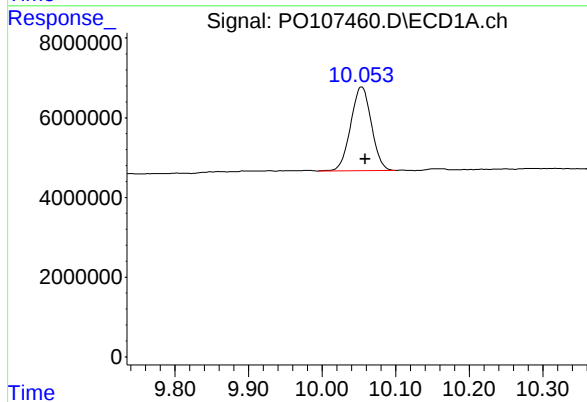
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



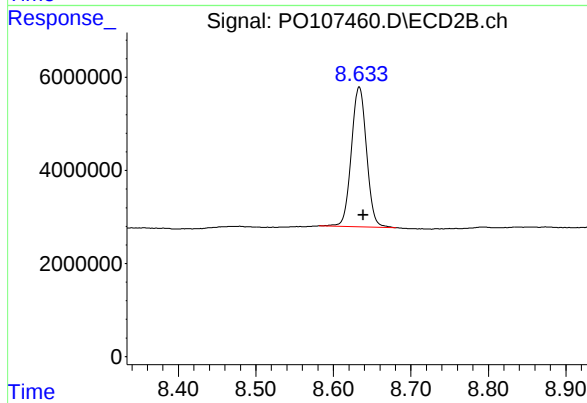
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 64601581
Conc: 20.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.054 min
Delta R.T.: -0.005 min
Response: 40999655
Conc: 16.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.633 min
Delta R.T.: -0.005 min
Response: 40497778
Conc: 14.77 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
 Data File : PO107461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 00:27
 Operator : YP/AJ
 Sample : P4578-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WB-305-TOP-1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:56:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 28 11:34:55 2024
 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...	4.370	3.643	159.0E6	72417542	17.443m	22.500m#
2) SA Decachlor...	10.056	8.634	45557657	44302444	18.569	16.159

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 00:27
Operator : YP/AJ
Sample : P4578-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

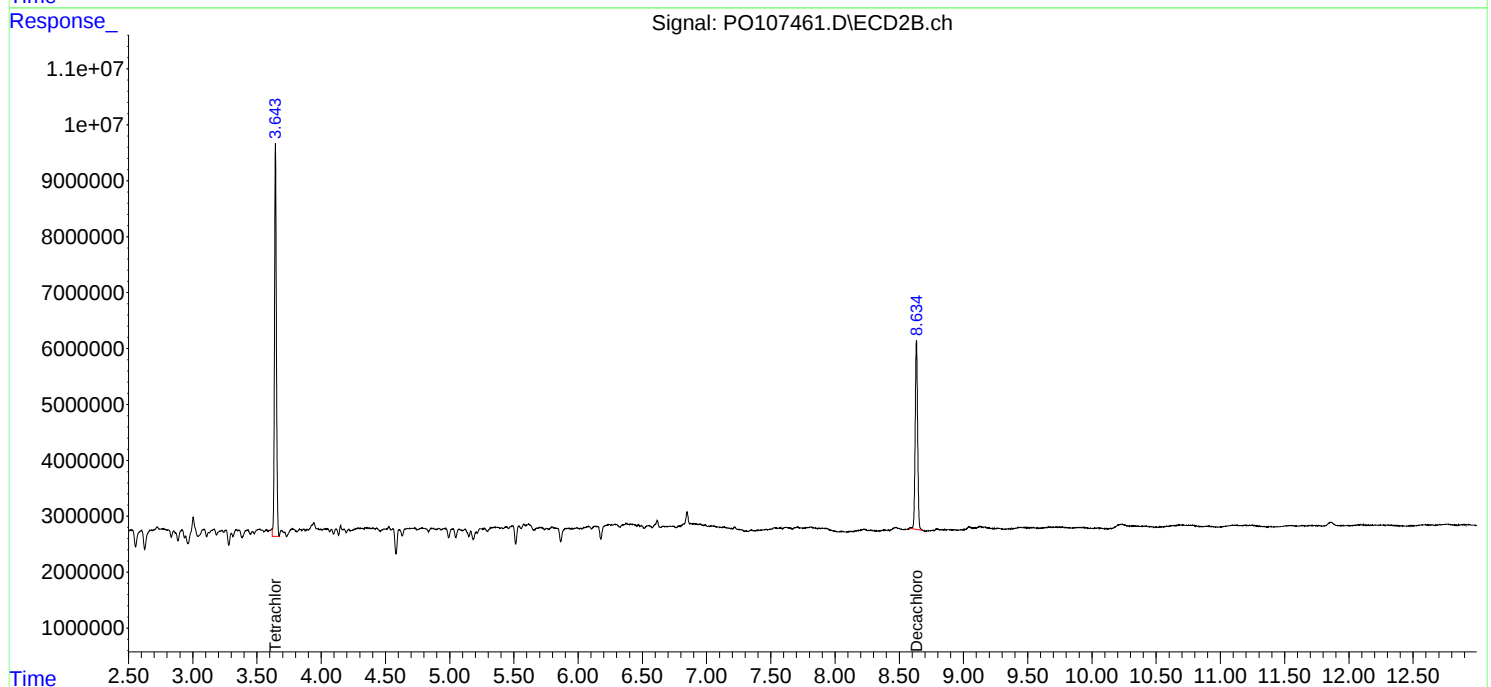
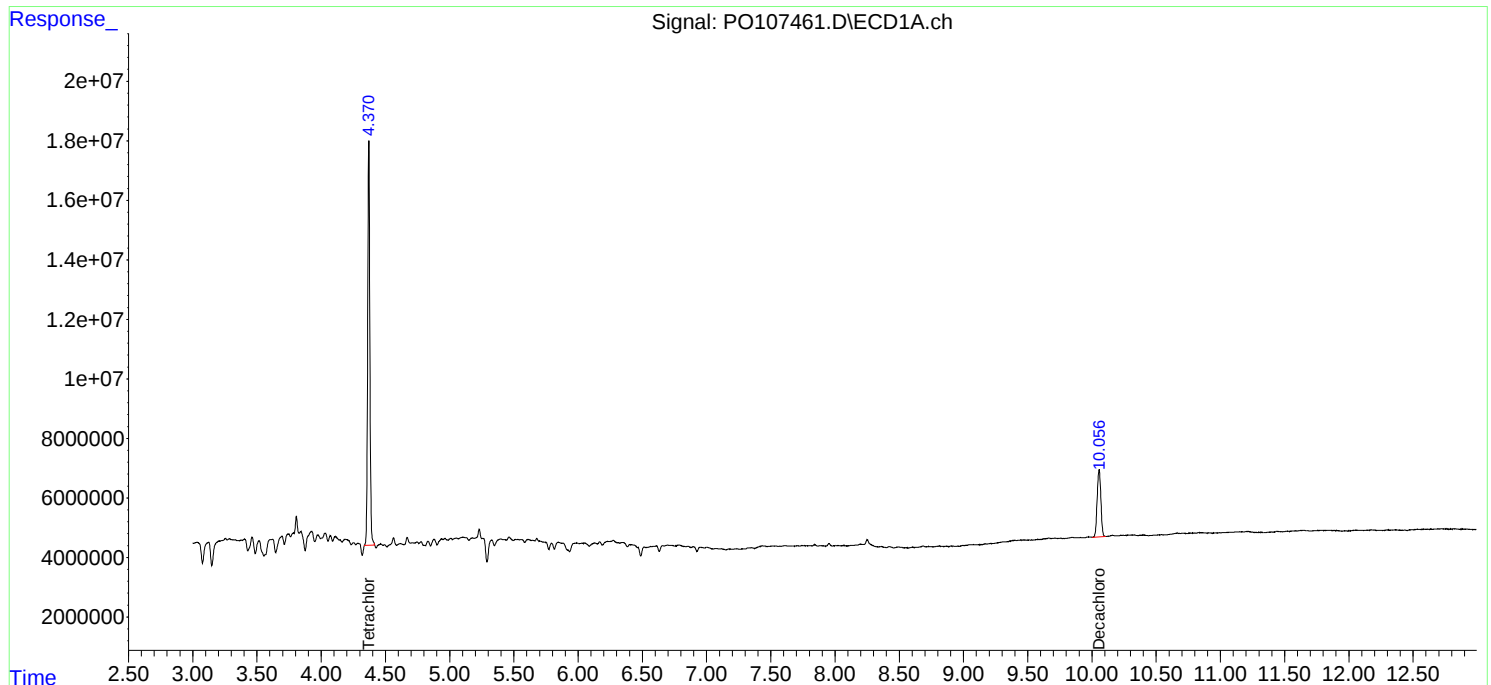
Instrument :
ECD_O
ClientSampleId :
WB-305-TOP-1

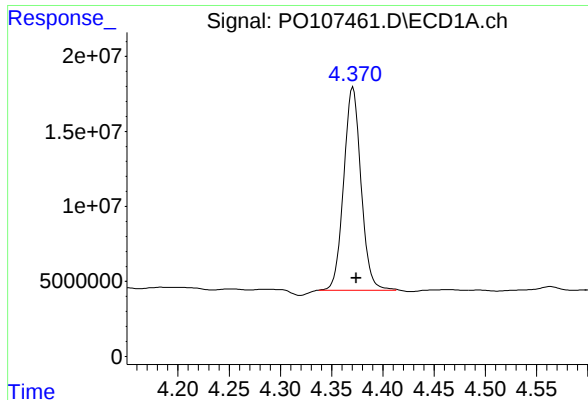
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:56:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
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.: 4.370 min
Delta R.T.: -0.004 min
Response: 158976692
Conc: 17.44 ng/ml

Instrument :

ECD_O

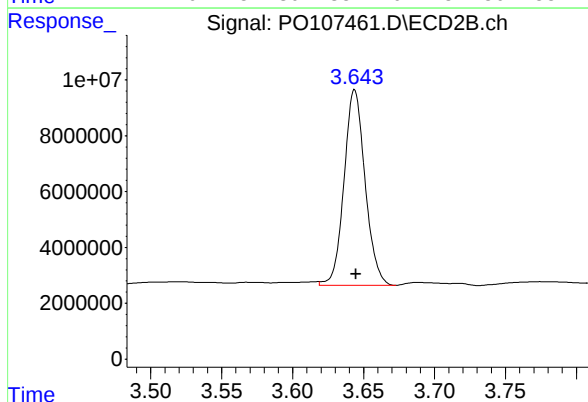
ClientSampleId :

WB-305-TOP-1

Manual Integrations

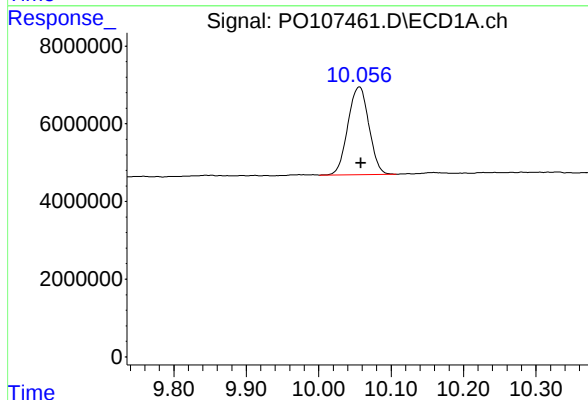
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :Ankita Jodhani 10/29/2024



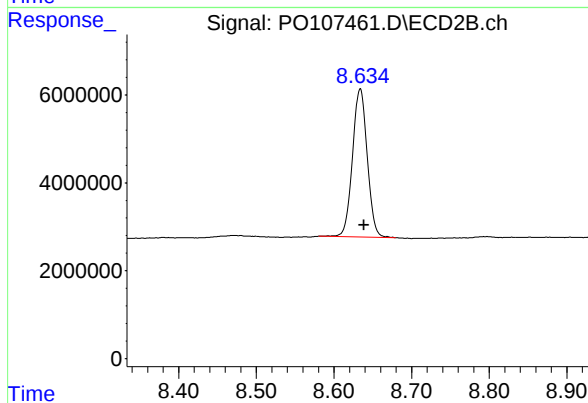
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 72417542
Conc: 22.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.056 min
Delta R.T.: -0.002 min
Response: 45557657
Conc: 18.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.005 min
Response: 44302444
Conc: 16.16 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
 Data File : PO107462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 00:45
 Operator : YP/AJ
 Sample : P4578-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WB-305-BOT

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:57:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 28 11:34:55 2024
 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...	4.370	3.644	172.2E6	68480538	18.892	21.277
2) SA Decachlor...	10.055	8.634	43832826	44034741	17.866	16.062

Target Compounds

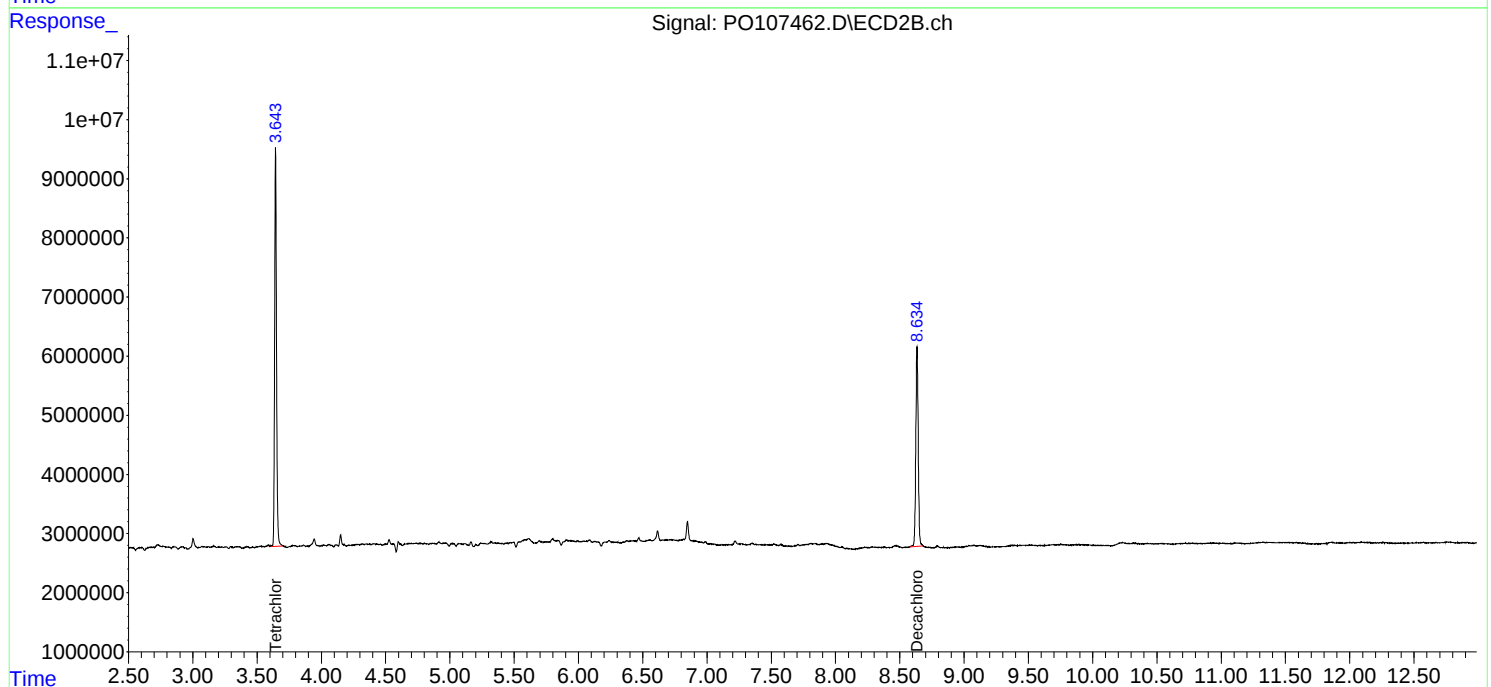
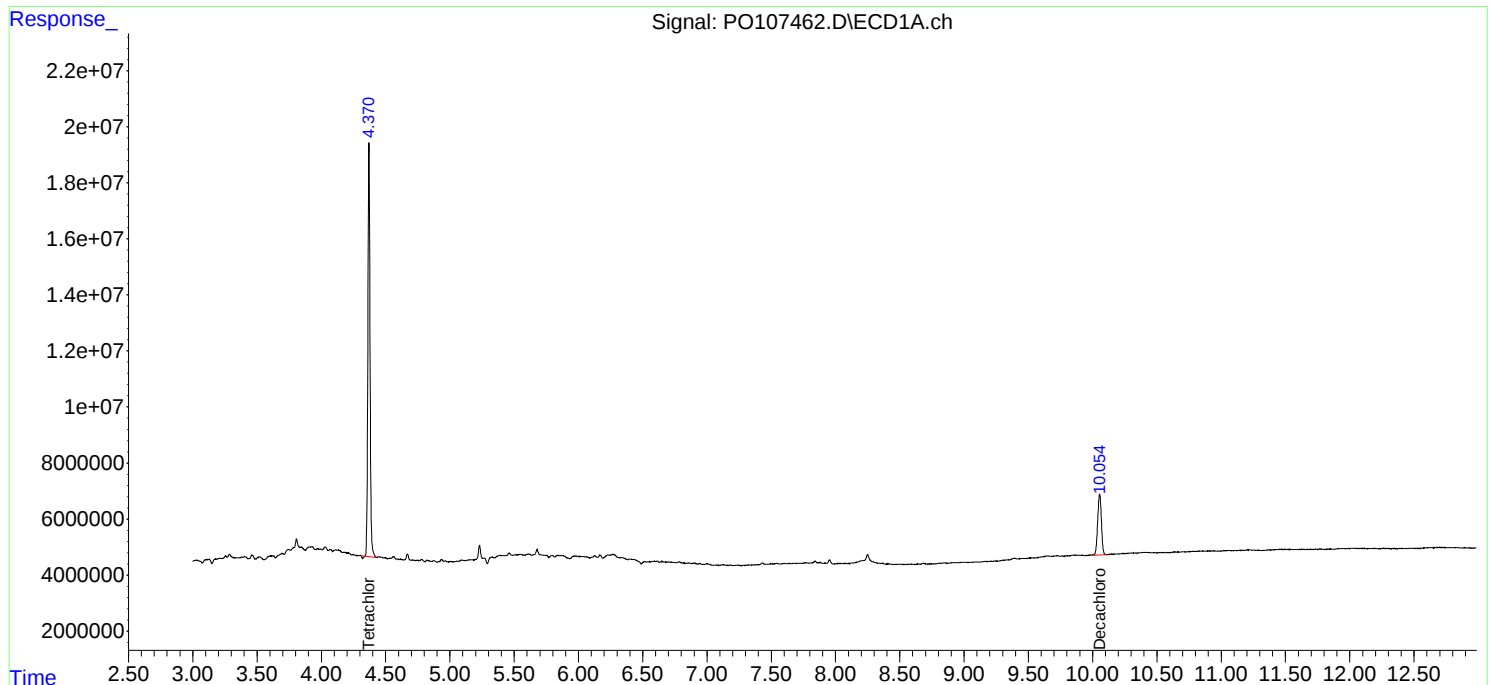
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

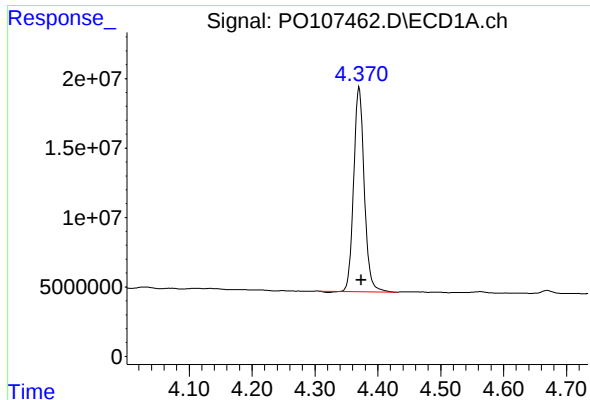
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 00:45
Operator : YP/AJ
Sample : P4578-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WB-305-BOT

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:57:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
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

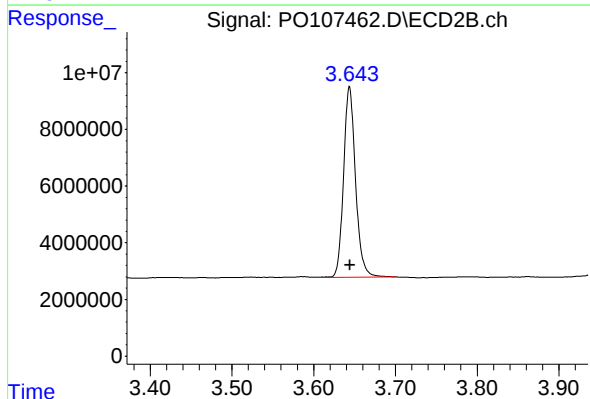




#1 Tetrachloro-m-xylene

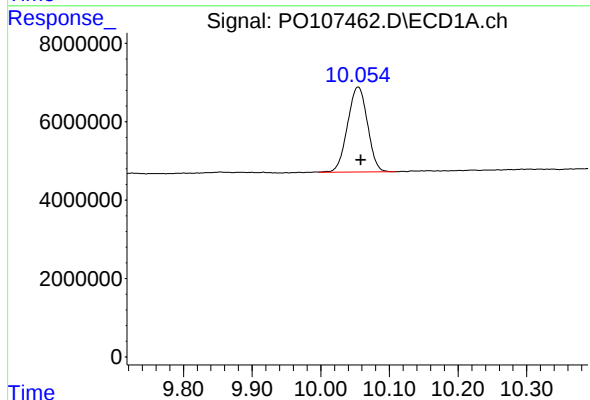
R.T.: 4.370 min
Delta R.T.: -0.004 min
Response: 172177013
Conc: 18.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
WB-305-BOT



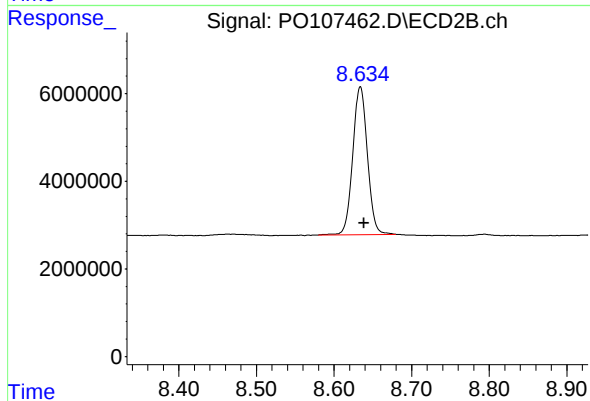
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 68480538
Conc: 21.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: -0.004 min
Response: 43832826
Conc: 17.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.005 min
Response: 44034741
Conc: 16.06 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
 Data File : PO107463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 01:03
 Operator : YP/AJ
 Sample : P4578-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 WB-305-BOT-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 05:16:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 28 11:34:55 2024
 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...	4.370	3.644	175.1E6	67328634	19.210	20.919
2) SA Decachlor...	10.054	8.634	43378598	44074598	17.681	16.076

Target Compounds

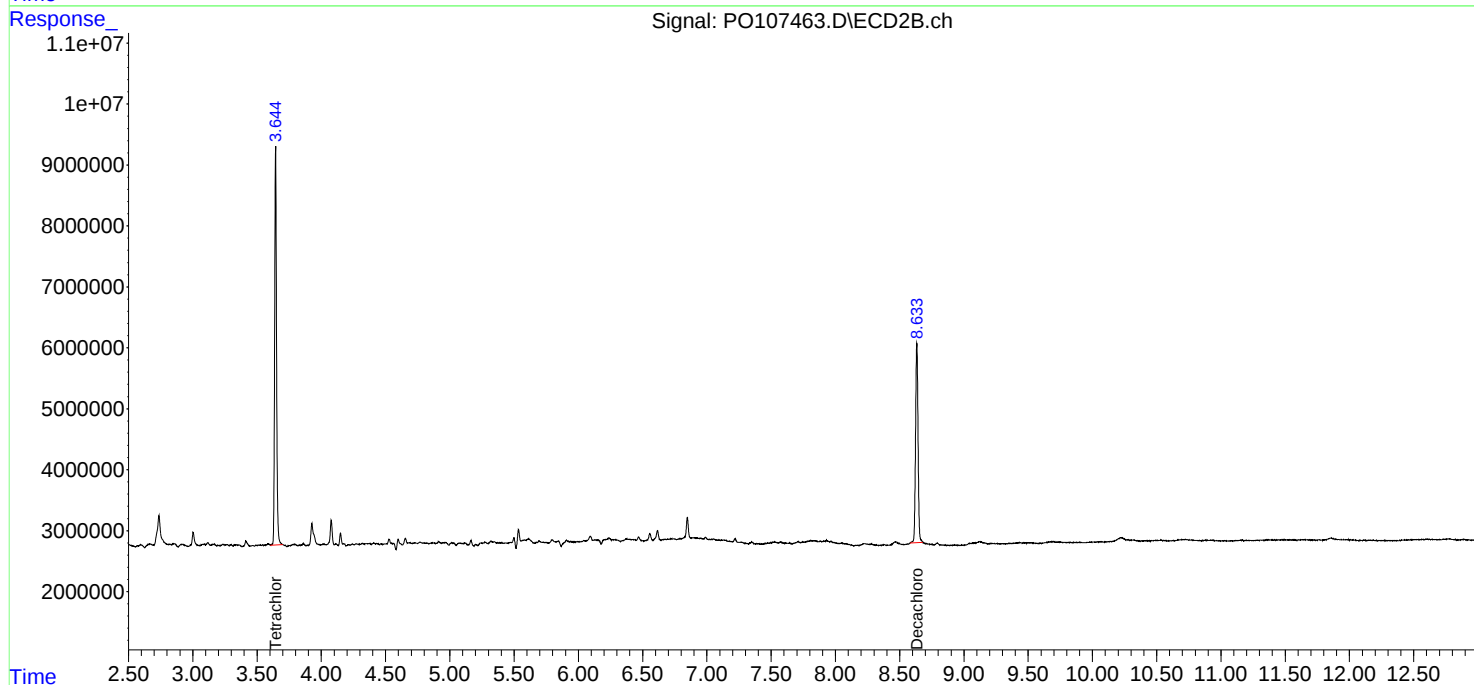
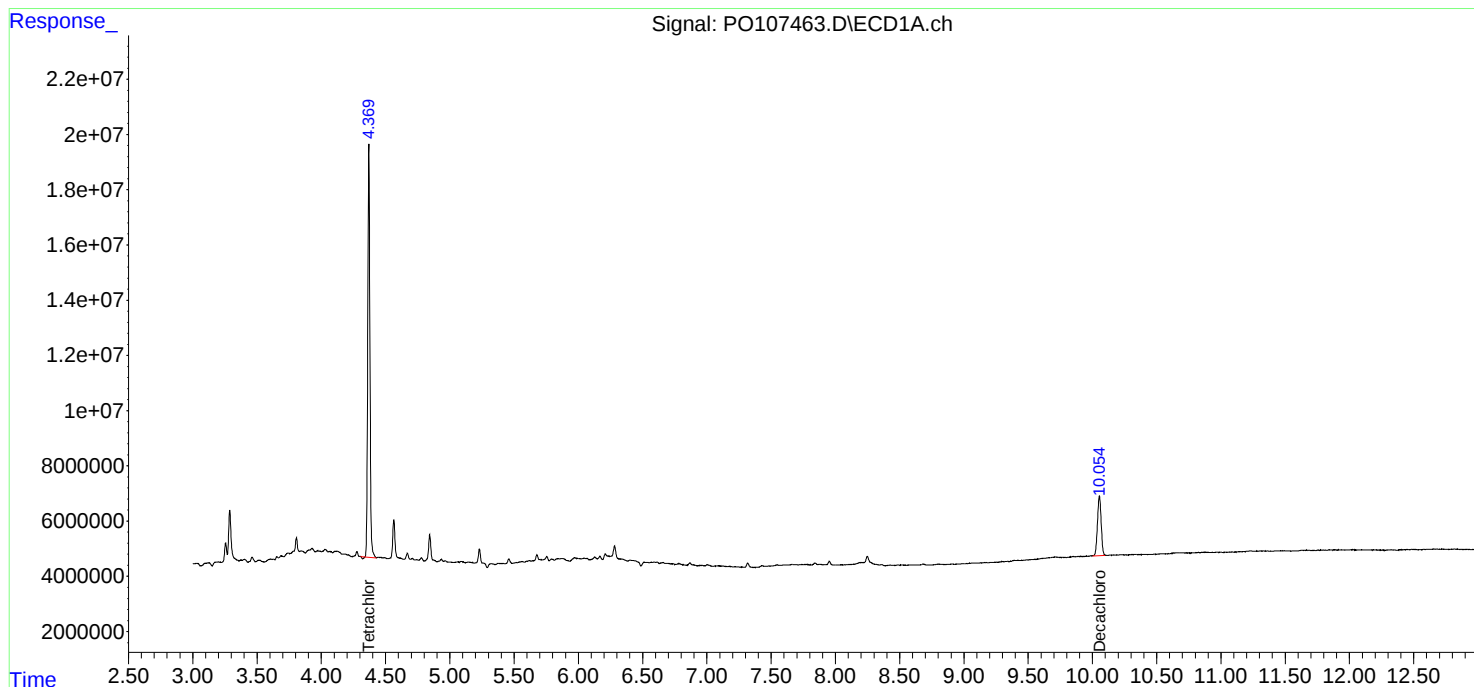
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

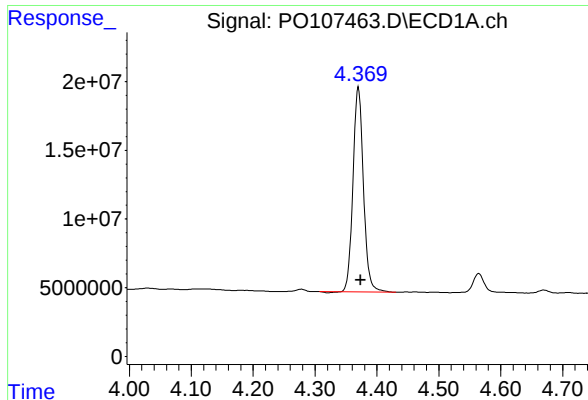
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 01:03
Operator : YP/AJ
Sample : P4578-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WB-305-BOT-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 05:16:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
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

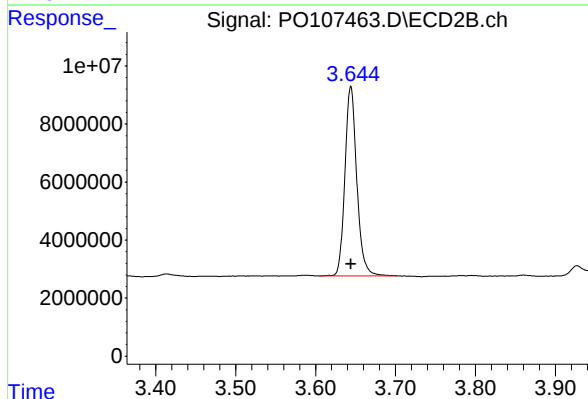




#1 Tetrachloro-m-xylene

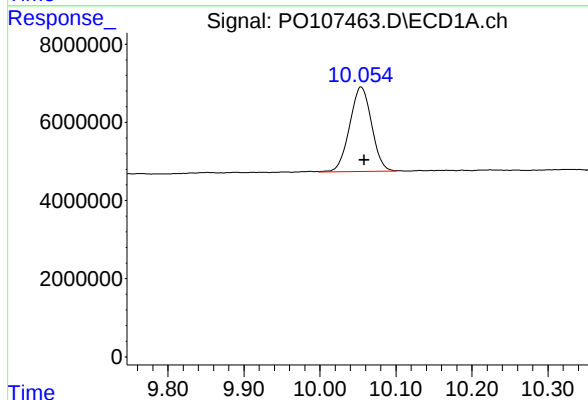
R.T.: 4.370 min
Delta R.T.: -0.004 min
Response: 175077856
Conc: 19.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
WB-305-BOT-1



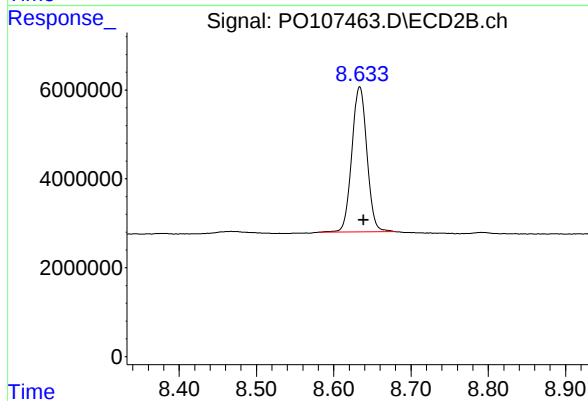
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 67328634
Conc: 20.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.054 min
Delta R.T.: -0.004 min
Response: 43378598
Conc: 17.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.005 min
Response: 44074598
Conc: 16.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
 Data File : PO107441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 17:58
 Operator : YP/AJ
 Sample : PB164459BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB164459BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:44:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 28 11:34:55 2024
 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...	4.371	3.644	191.2E6	69803672	20.984	21.688
2) SA Decachlor...	10.055	8.634	55996456	61506370	22.824	22.435

Target Compounds

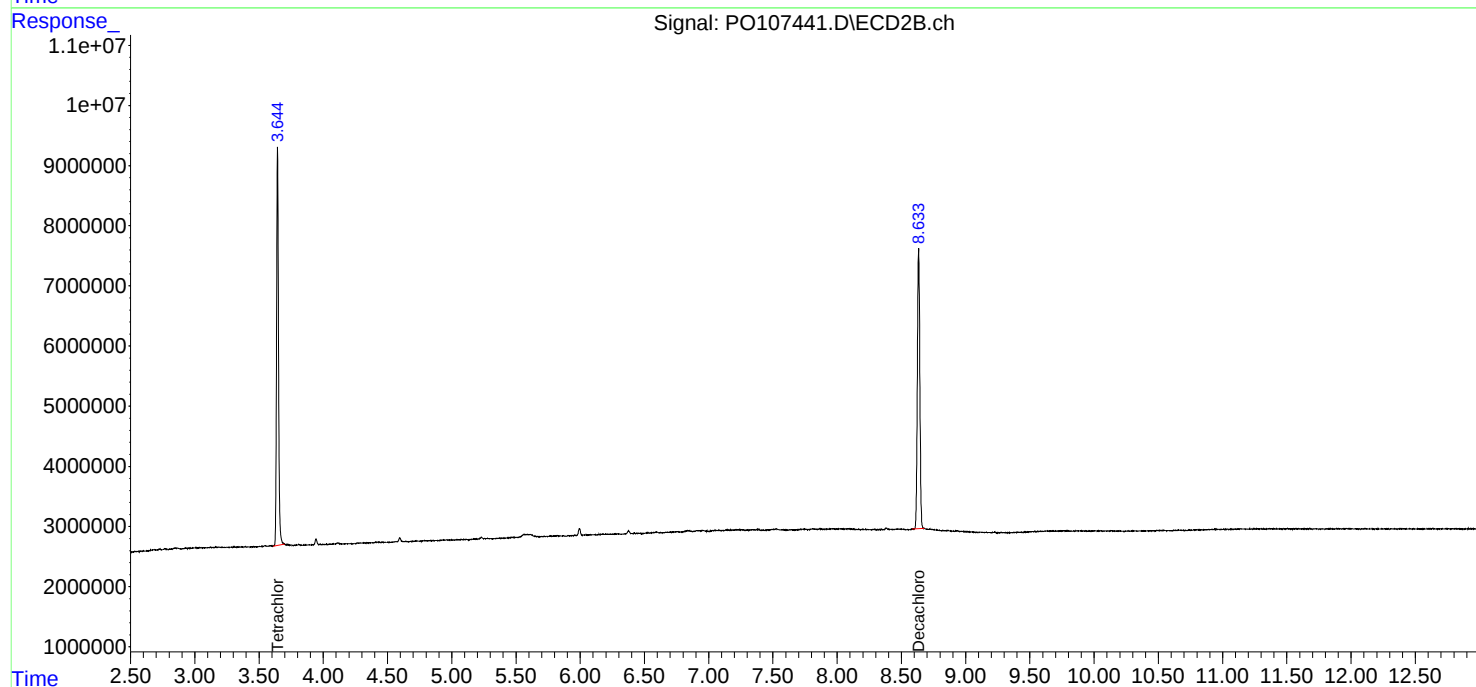
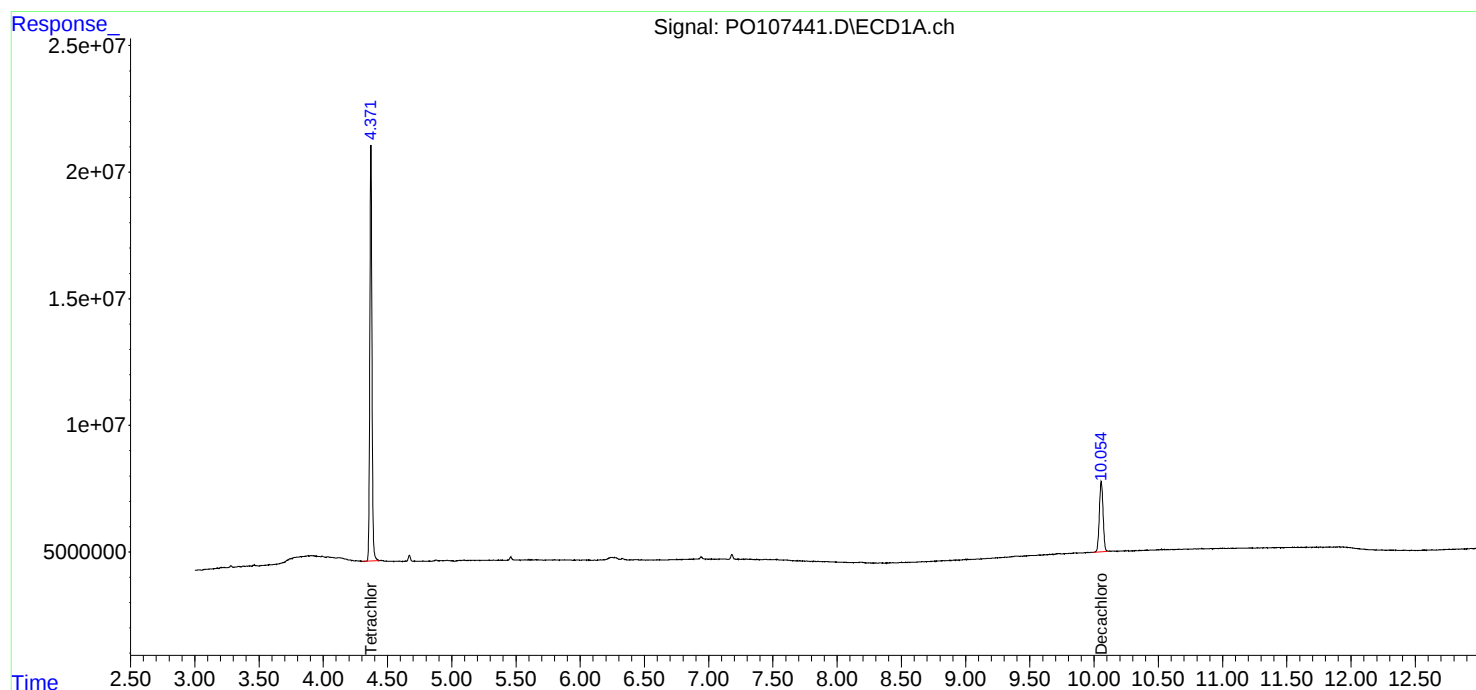
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

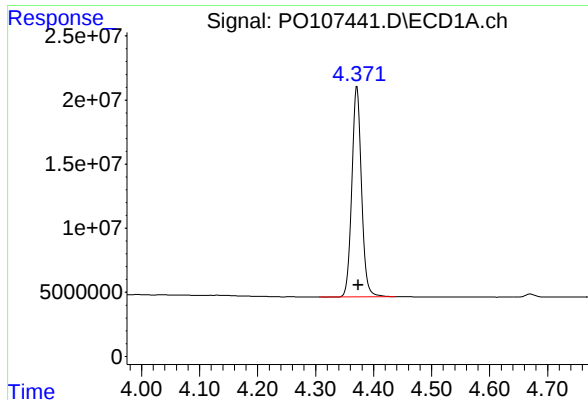
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 17:58
Operator : YP/AJ
Sample : PB164459BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB164459BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:51 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
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

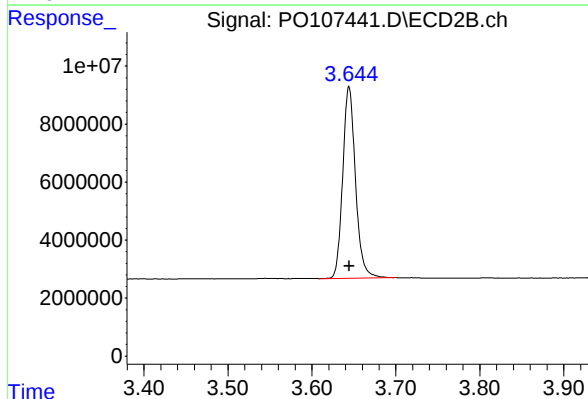




#1 Tetrachloro-m-xylene

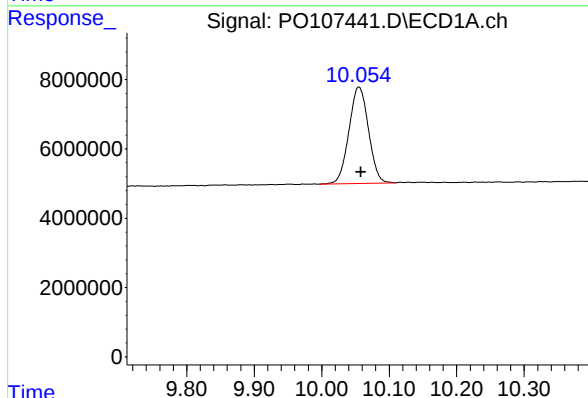
R.T.: 4.371 min
Delta R.T.: -0.003 min
Response: 191241558
Conc: 20.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB164459BL



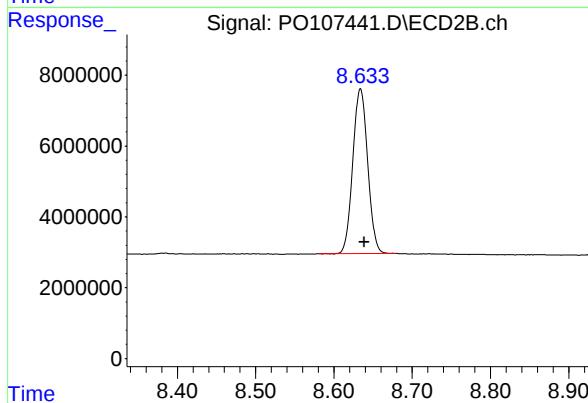
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 69803672
Conc: 21.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.055 min
Delta R.T.: -0.003 min
Response: 55996456
Conc: 22.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: -0.005 min
Response: 61506370
Conc: 22.43 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102924\
 Data File : PP068304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 15:16
 Operator : YP\AJ
 Sample : PB164493BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB164493BL

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: Oct 29 16:34:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 2024
 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...	4.763	4.055	17953025	18359465	19.395	18.170
2) SA Decachlor...	10.677	9.211	25088274	23504519	21.791	20.959

Target Compounds

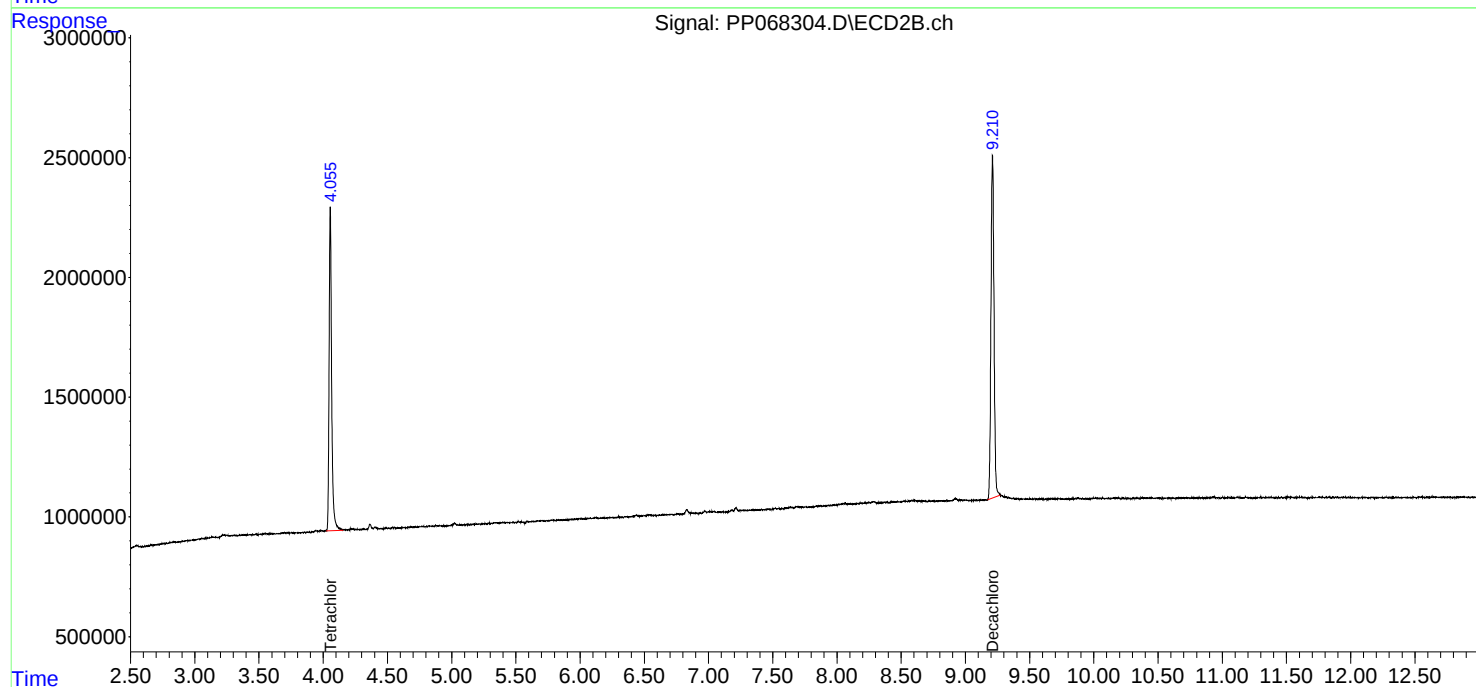
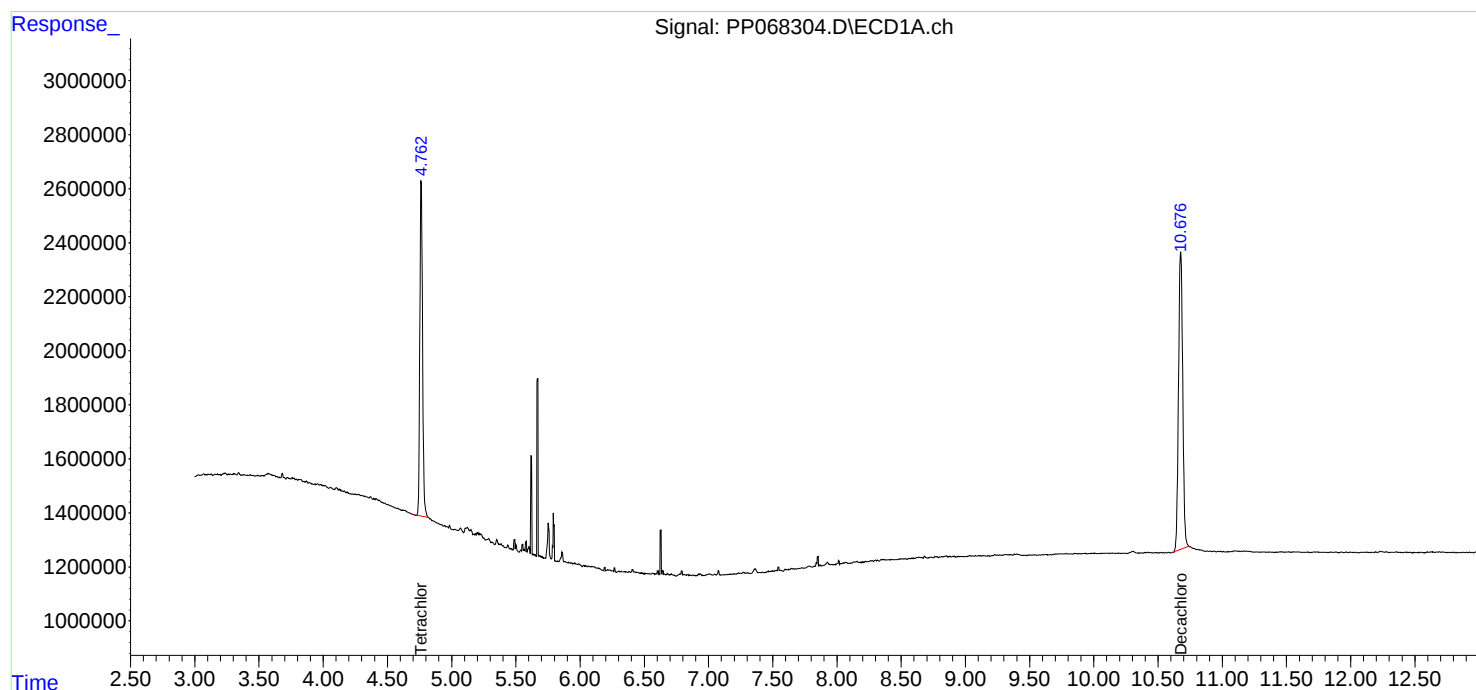
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

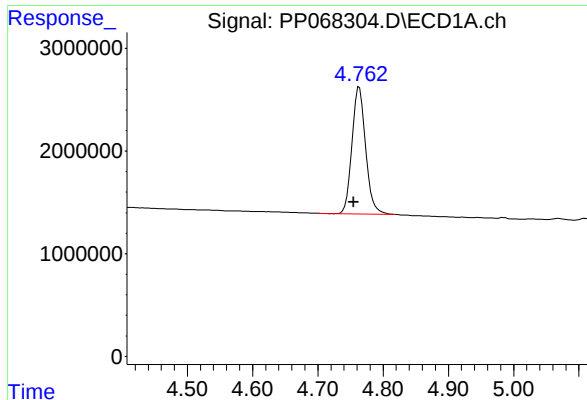
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102924\
Data File : PP068304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 15:16
Operator : YP\AJ
Sample : PB164493BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB164493BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 16:34:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 2024
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

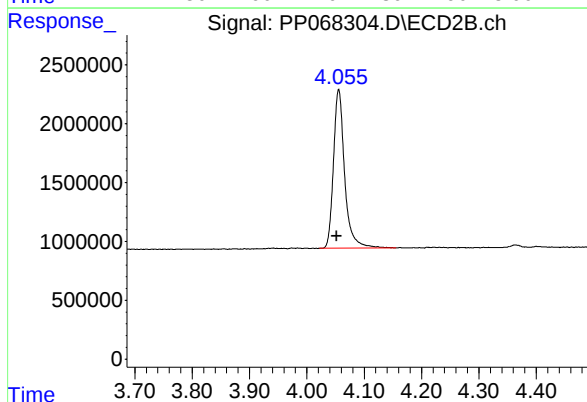




#1 Tetrachloro-m-xylene

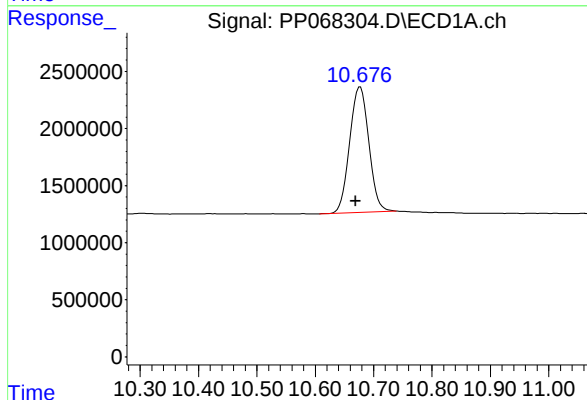
R.T.: 4.763 min
Delta R.T.: 0.008 min
Response: 17953025
Conc: 19.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB164493BL



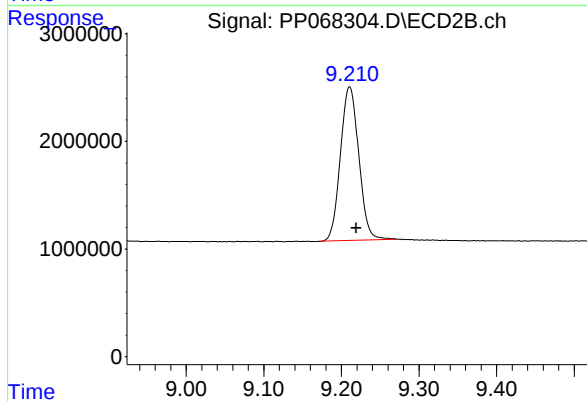
#1 Tetrachloro-m-xylene

R.T.: 4.055 min
Delta R.T.: 0.003 min
Response: 18359465
Conc: 18.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.677 min
Delta R.T.: 0.008 min
Response: 25088274
Conc: 21.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.211 min
Delta R.T.: -0.008 min
Response: 23504519
Conc: 20.96 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
 Data File : PO107442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 18:16
 Operator : YP/AJ
 Sample : PB164459BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB164459BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:45:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 28 11:34:55 2024
 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
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System Monitoring Compounds

1) SA Tetrachlo...	4.371	3.644	187.8E6	64396311	20.609	20.008
2) SA Decachlor...	10.057	8.635	54146799	59960863	22.070	21.871

Target Compounds

3) L1 AR-1016-1	5.520	4.725	126.4E6	51115745	468.450	494.993
4) L1 AR-1016-2	5.542	4.743	184.2E6	70687895	464.047	501.447
5) L1 AR-1016-3	5.605	4.920	116.4E6	37744879	463.582	479.327
6) L1 AR-1016-4	5.702	4.960	93231305	29998416	484.037	453.777
7) L1 AR-1016-5	5.996	5.174	84471028	38761716	462.466	471.934
31) L7 AR-1260-1	7.124	6.204	123.6E6	77139178	478.154	497.176
32) L7 AR-1260-2	7.380	6.391	128.3E6	92957328	487.562	527.820
33) L7 AR-1260-3	7.741	6.544	73214520	85815643	407.324	511.574m#
34) L7 AR-1260-4	7.965	7.015	77702372	62965240	442.739m	435.201
35) L7 AR-1260-5	8.279	7.255	119.6E6	152.7E6	420.536	463.529

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 18:16
Operator : YP/AJ
Sample : PB164459BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

PB164459BS

Manual Integrations

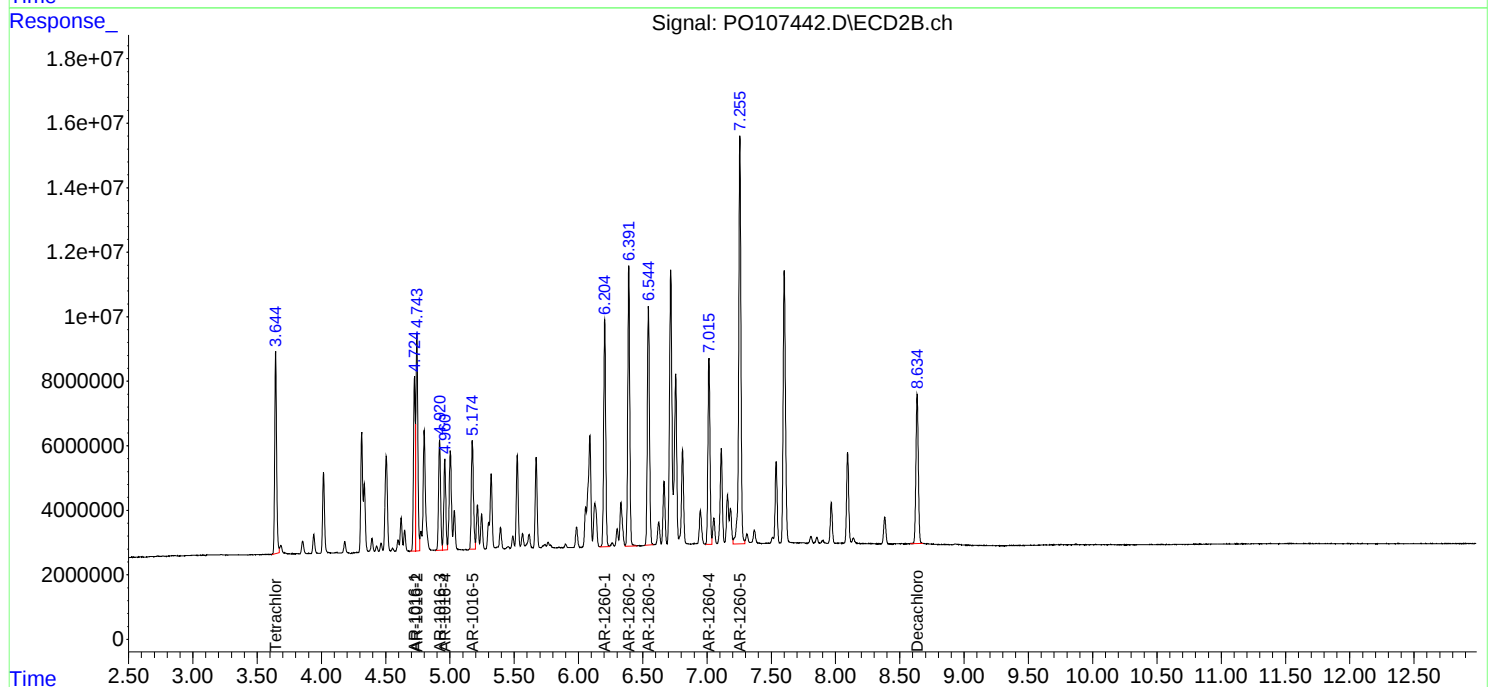
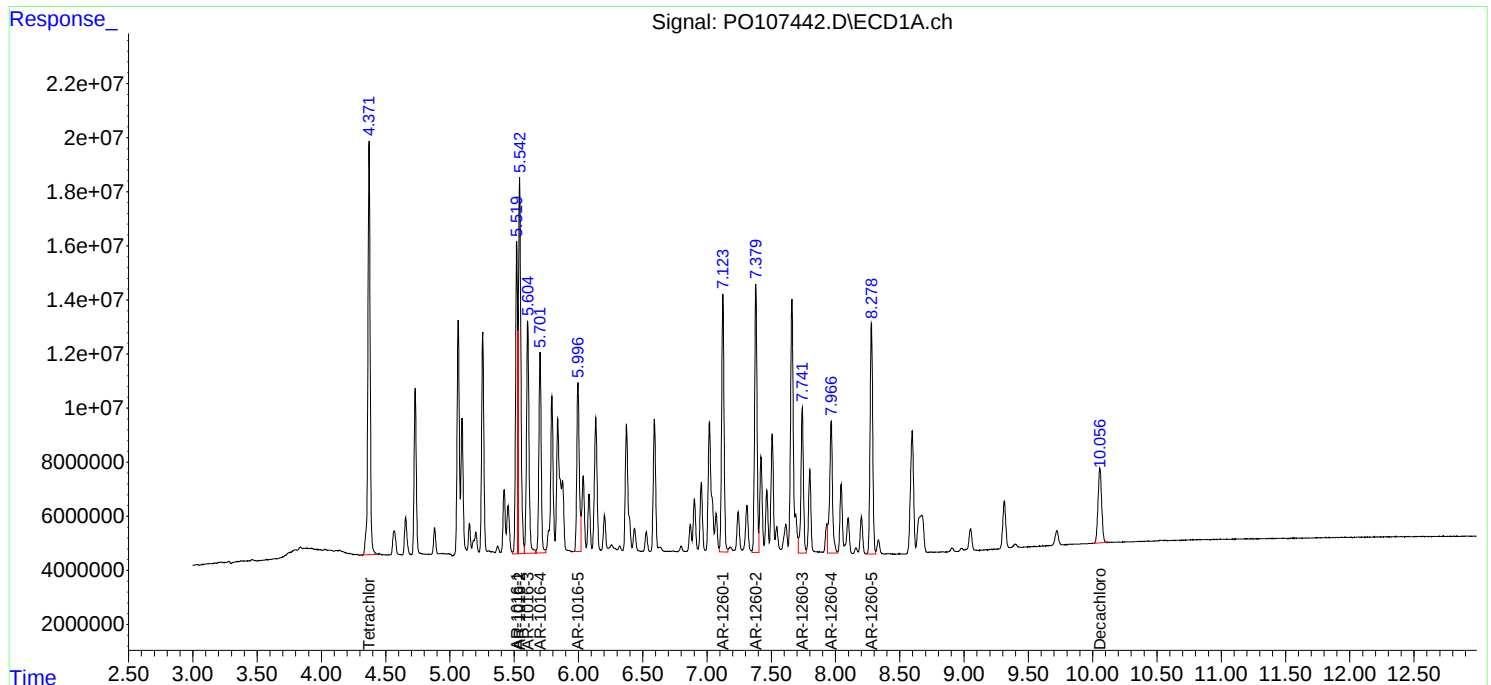
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:45:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
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\PP102924\
 Data File : PP068305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 15:32
 Operator : YP\AJ
 Sample : PB164493BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB164493BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :Ankita Jodhani 10/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 16:35:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 2024
 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...	4.760	4.054	19124188	18749306	20.660	18.556
2) SA Decachlor...	10.673	9.209	25716203	24105587	22.337	21.495
Target Compounds						
3) L1 AR-1016-1	5.924	5.160	14123979	13474955	427.136	385.139
4) L1 AR-1016-2	5.946	5.179	21623076	18908546	443.361	392.550
5) L1 AR-1016-3	6.010	5.360	13524466	10550004	429.185	391.648
6) L1 AR-1016-4	6.108	5.399	12237223	9423304	475.349	391.250
7) L1 AR-1016-5	6.402	5.618	11221868	11491789	414.597	377.897
31) L7 AR-1260-1	7.525	6.660	23777823	23022692	440.137	404.176
32) L7 AR-1260-2	7.778	6.847	27134515	26990041	428.863	404.622
33) L7 AR-1260-3	8.139	7.004	20045224	26041485	386.609	408.807
34) L7 AR-1260-4	8.376	7.478	24049555	20264271	399.531m	366.491
35) L7 AR-1260-5	8.715	7.717	41678807	44683666	386.946	365.365

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102924\
Data File : PP068305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 15:32
Operator : YP\AJ
Sample : PB164493BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB164493BS

Manual Integrations

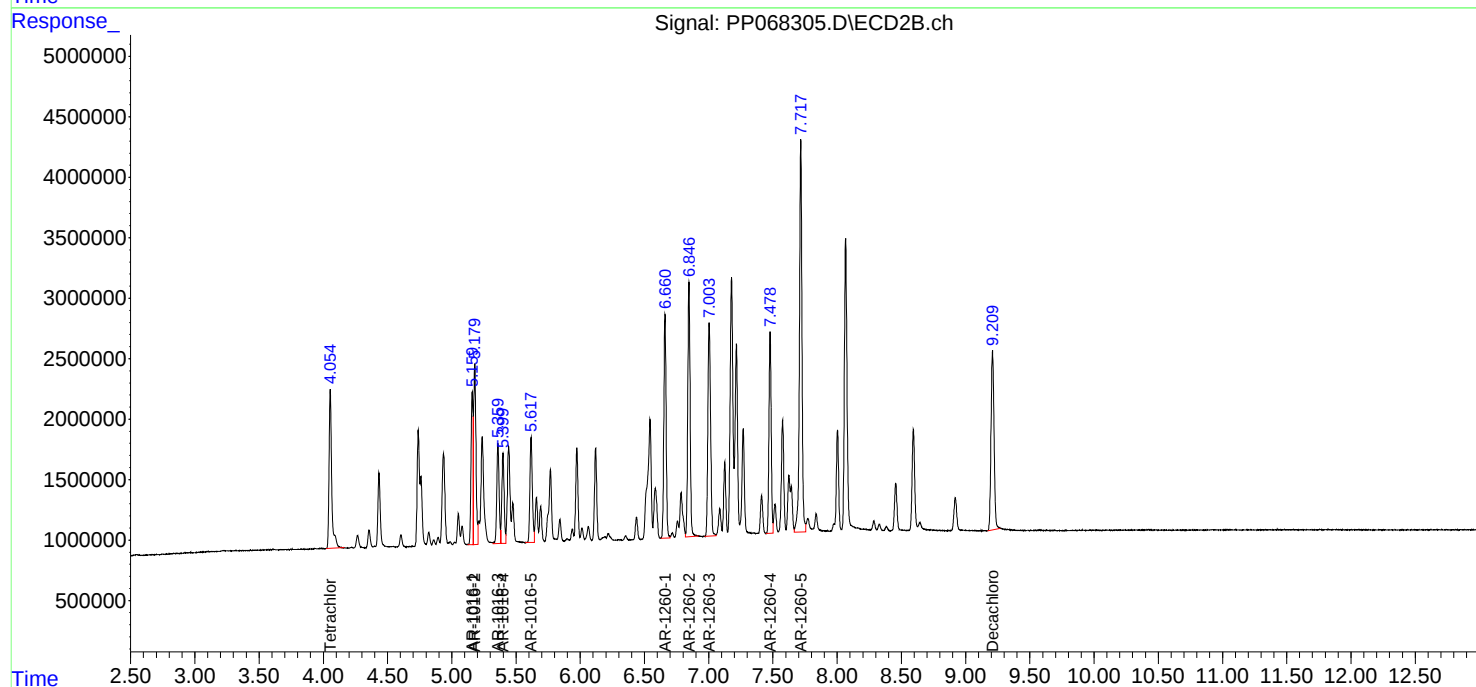
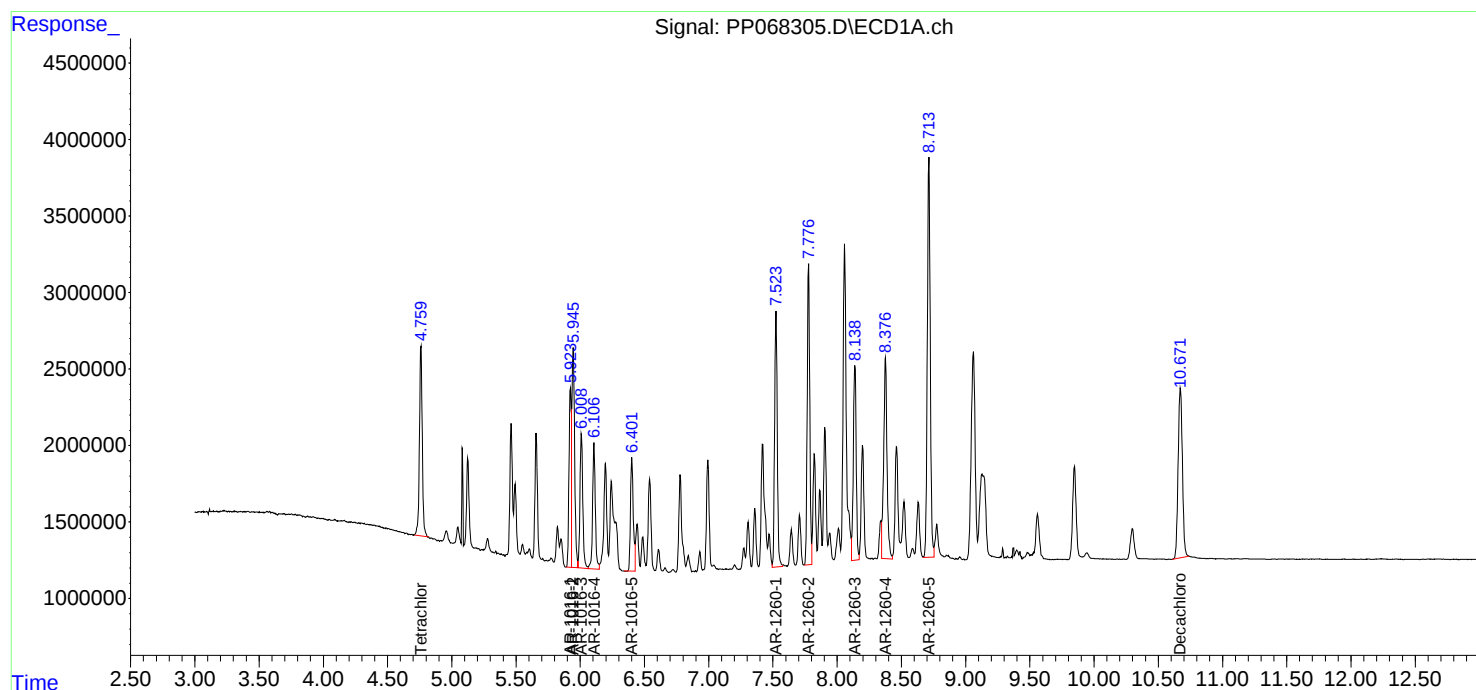
APPROVED

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :Ankita Jodhani 10/30/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 16:35:26 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 2024
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\PP102924\
 Data File : PP068306.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2024 15:48
 Operator : YP\AJ
 Sample : PB164493BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB164493BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :Ankita Jodhani 10/30/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 16:36:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 2024
 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...	4.760	4.053	19285797	18735505	20.835	18.543
2) SA Decachlor...	10.671	9.209	25637467	23455174	22.268	20.915

Target Compounds						
3) L1 AR-1016-1	5.924	5.159	13009942	13362082	393.446	381.913
4) L1 AR-1016-2	5.943	5.179	24093201	18754094	494.008	389.343
5) L1 AR-1016-3	6.009	5.359	13268233	10462568	421.054	388.402
6) L1 AR-1016-4	6.108	5.399	11061537	9381088	429.680	389.497
7) L1 AR-1016-5	6.400	5.617	11636724	11439435	429.924m	376.175
31) L7 AR-1260-1	7.524	6.659	22989855	22900468	425.551	402.031
32) L7 AR-1260-2	7.777	6.846	26529777	26729498	419.305	400.716
33) L7 AR-1260-3	8.138	7.003	19429546	25766701	374.734	404.494
34) L7 AR-1260-4	8.376	7.478	24080439	19703733	400.044m	356.353
35) L7 AR-1260-5	8.714	7.716	40848851	43619130	379.241	356.661

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102924\
Data File : PP068306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2024 15:48
Operator : YP\AJ
Sample : PB164493BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB164493BSD

Manual Integrations

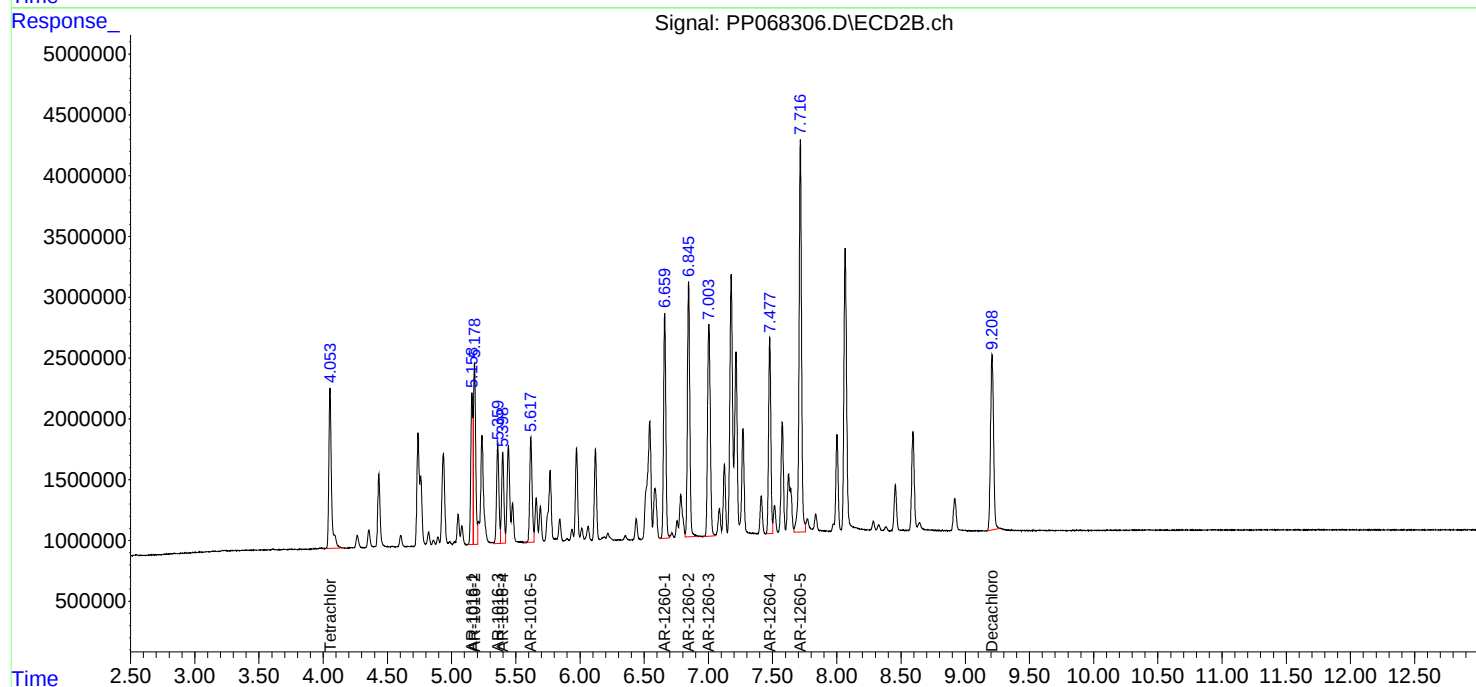
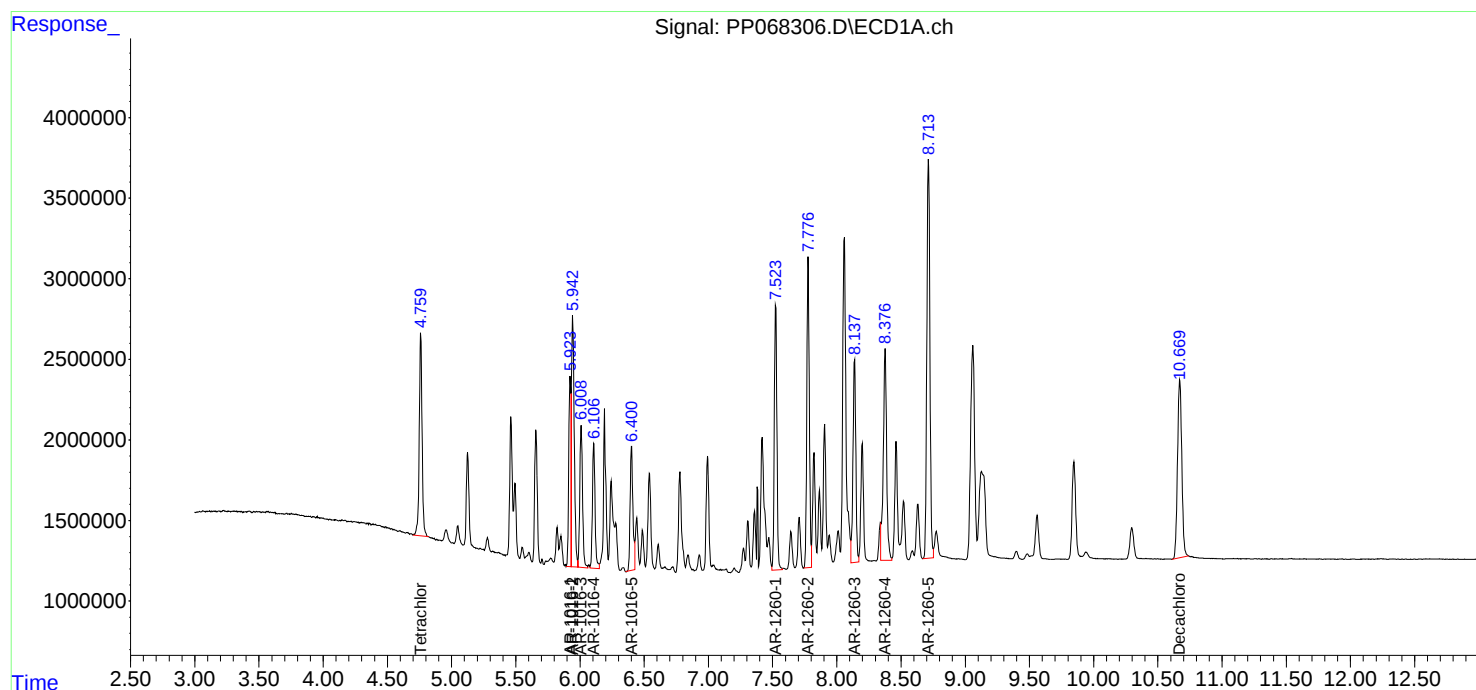
APPROVED

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :Ankita Jodhani 10/30/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 16:36:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 09 05:48:32 2024
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\PO102824\
 Data File : PO107446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 19:28
 Operator : YP/AJ
 Sample : P4566-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

HD-01-102524MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:47:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 28 11:34:55 2024
 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...	4.371	3.645	151.5E6	60331475	16.625m	18.745
2) SA Decachlor...	10.056	8.636	42535266	40618324	17.337	14.816
Target Compounds						
3) L1 AR-1016-1	5.520	4.725	114.3E6	48686897	423.678m	471.472
4) L1 AR-1016-2	5.542	4.744	150.5E6	63976326	379.240m	453.837
5) L1 AR-1016-3	5.604	4.919	96188798	36682273	382.964m	465.832
6) L1 AR-1016-4	5.702	4.961	84266032	29943185	437.491m	452.941
7) L1 AR-1016-5	5.995	5.173	85879210	29604184	470.175m	360.438
31) L7 AR-1260-1	7.123	6.204	104.6E6	62311405	404.427	401.608
32) L7 AR-1260-2	7.380	6.391	117.1E6	73115238	445.053	415.155
33) L7 AR-1260-3	7.742	6.544	65417179	63509194	363.944	378.598
34) L7 AR-1260-4	7.966	7.015	74427130	45946966	424.077	317.575 #
35) L7 AR-1260-5	8.279	7.255	120.9E6	113.0E6	424.956	343.132

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 19:28
Operator : YP/AJ
Sample : P4566-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

HD-01-102524MS

Manual Integrations

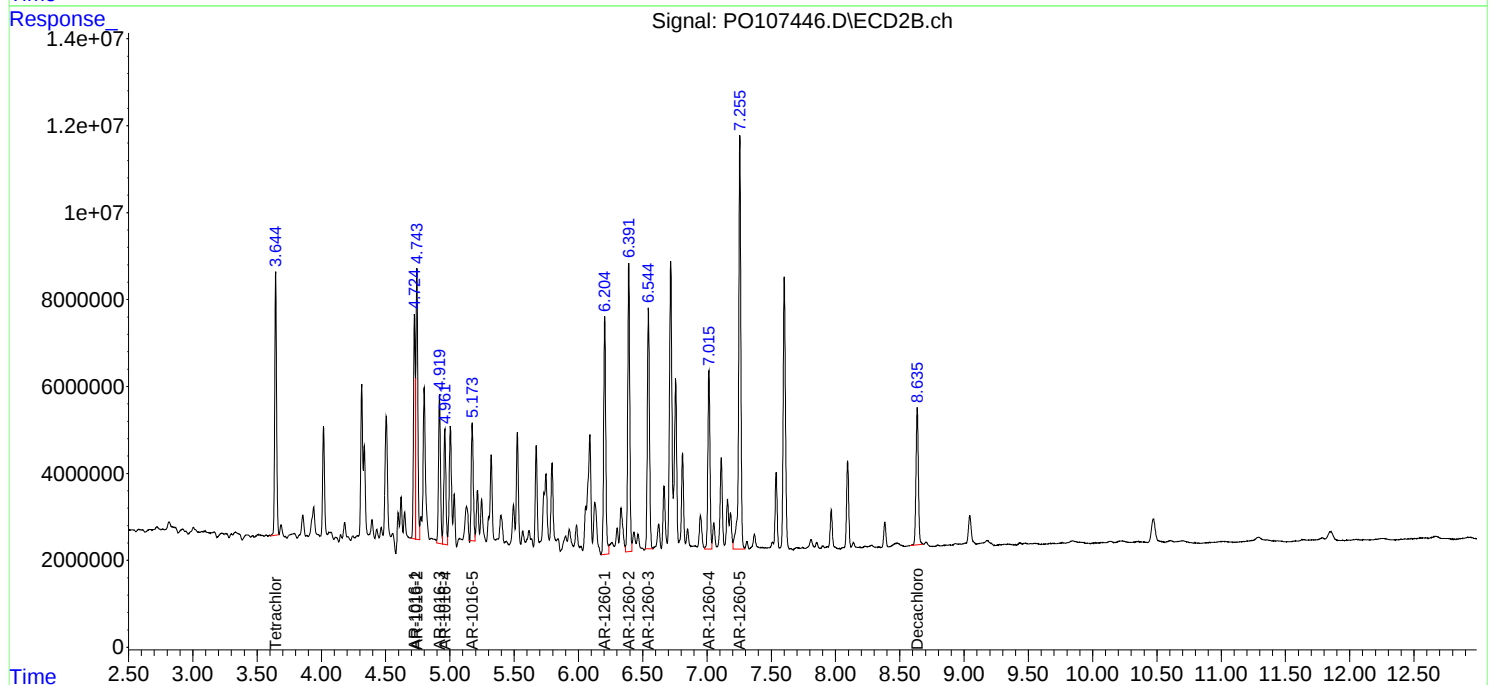
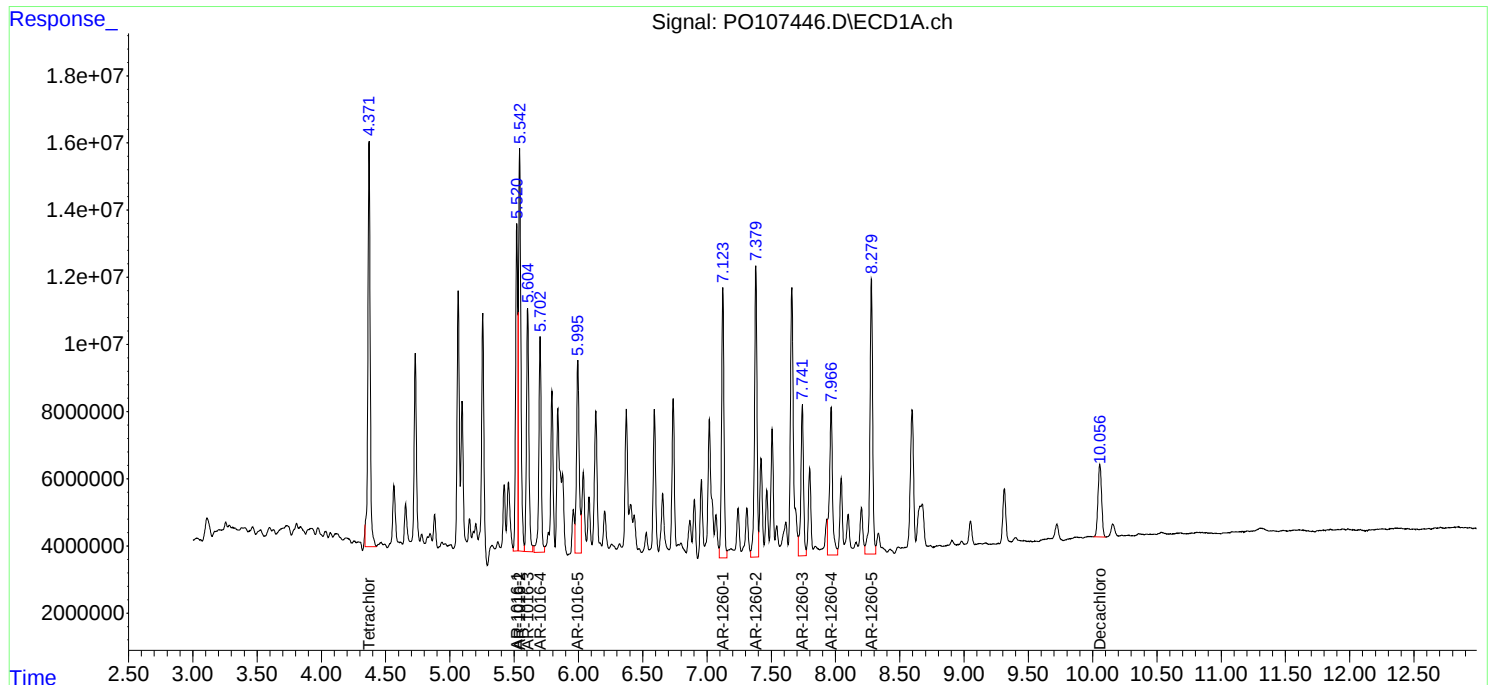
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:47:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
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\PO102824\
 Data File : PO107447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2024 19:46
 Operator : YP/AJ
 Sample : P4566-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

HD-01-102524MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:48:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 28 11:34:55 2024
 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...	4.371	3.644	150.7E6	61024127	16.531m	18.960
2) SA Decachlor...	10.058	8.636	41211871	38858415	16.798	14.174
Target Compounds						
3) L1 AR-1016-1	5.521	4.725	109.5E6	48617590	405.735m	470.801
4) L1 AR-1016-2	5.543	4.744	146.6E6	63496317	369.259m	450.431
5) L1 AR-1016-3	5.605	4.919	95086283	36238545	378.574m	460.197
6) L1 AR-1016-4	5.702	4.961	81137148	29432498	421.247m	445.216
7) L1 AR-1016-5	5.995	5.173	82673388	29710168	452.624m	361.729m
31) L7 AR-1260-1	7.124	6.205	98243450	60008584	379.922	386.766
32) L7 AR-1260-2	7.380	6.391	109.3E6	72540871	415.108	411.893
33) L7 AR-1260-3	7.742	6.545	58902638	61421642	327.701	366.154
34) L7 AR-1260-4	7.966	7.015	67971286	44651259	387.292	308.619
35) L7 AR-1260-5	8.280	7.256	112.4E6	108.3E6	395.318	328.823

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102824\
Data File : PO107447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2024 19:46
Operator : YP/AJ
Sample : P4566-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_O

ClientSampleId :

HD-01-102524MSD

Manual Integrations

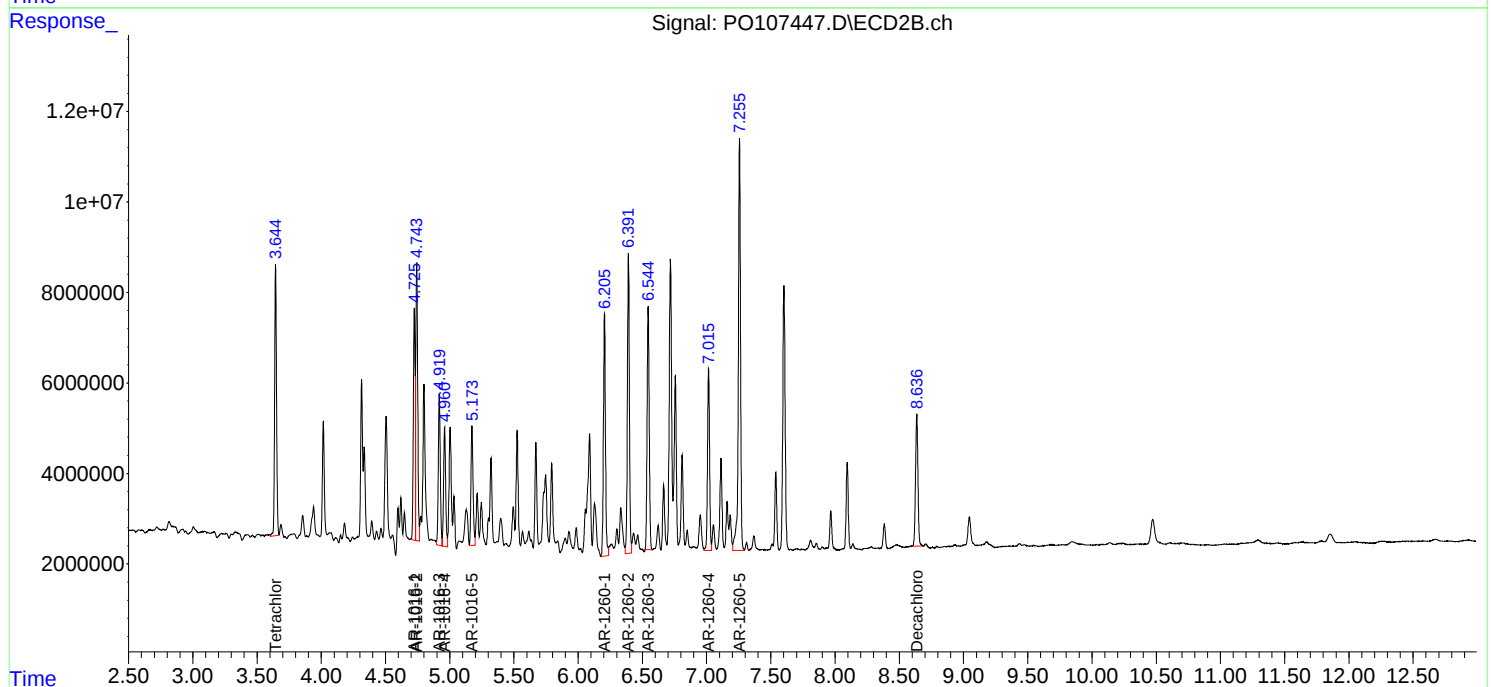
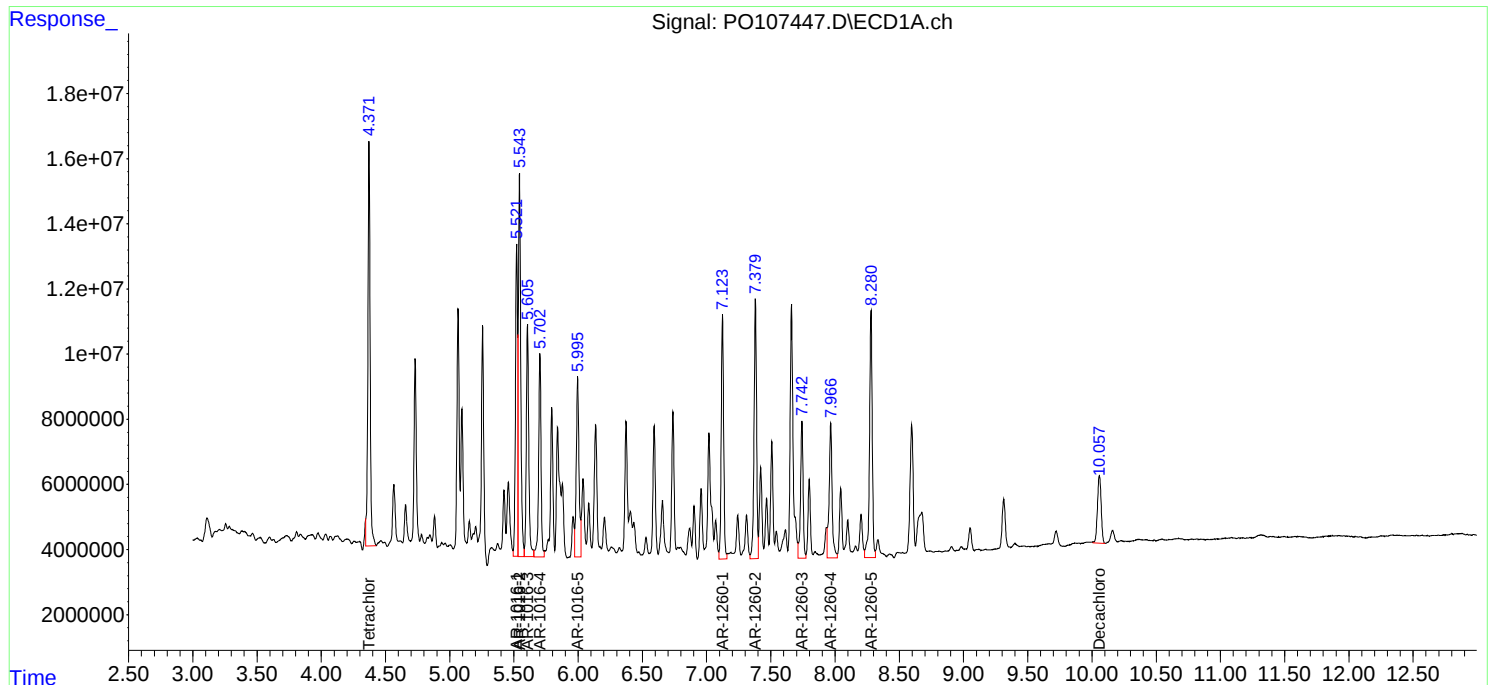
APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:48:17 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101524.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Oct 28 11:34:55 2024
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



Manual Integration Report

Sequence:	po101524	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO107188.D	AR-1260-1 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-2 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-3	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-3 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-4 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-5	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	AR-1260-5 #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1660ICC050	PO107188.D	Decachlorobiphenyl #2	yogesh	10/16/2024 8:48:58 AM	Ankita	10/16/2024 9:57:34	Peak Integrated by Software
AR1268ICC050	PO107211.D	AR-1268-1	yogesh	10/16/2024 8:49:03 AM	Ankita	10/16/2024 9:57:36	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102824	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO107423.D	AR-1254-2 #2	yogesh	10/29/2024 9:25:31 AM	Ankita	10/29/2024 9:46:17	Peak Integrated by Software
AR1660CCC500	PO107435.D	AR-1016-5 #2	yogesh	10/29/2024 9:25:38 AM	Ankita	10/29/2024 9:46:22	Peak Integrated by Software
AR1248CCC500	PO107438.D	AR-1248-5 #2	yogesh	10/29/2024 9:25:40 AM	Ankita	10/29/2024 9:46:23	Peak Integrated by Software
AR1254CCC500	PO107439.D	AR-1254-2 #2	yogesh	10/29/2024 9:25:42 AM	Ankita	10/29/2024 9:46:24	Peak Integrated by Software
PB164459BS	PO107442.D	AR-1260-3 #2	yogesh	10/29/2024 9:25:44 AM	Ankita	10/29/2024 9:46:26	Peak Integrated by Software
PB164459BS	PO107442.D	AR-1260-4	yogesh	10/29/2024 9:25:44 AM	Ankita	10/29/2024 9:46:26	Peak Integrated by Software
P4566-01MS	PO107446.D	AR-1016-1	yogesh	10/29/2024 9:25:47 AM	Ankita	10/29/2024 9:46:29	Peak Integrated by Software
P4566-01MS	PO107446.D	AR-1016-2	yogesh	10/29/2024 9:25:47 AM	Ankita	10/29/2024 9:46:29	Peak Integrated by Software
P4566-01MS	PO107446.D	AR-1016-3	yogesh	10/29/2024 9:25:47 AM	Ankita	10/29/2024 9:46:29	Peak Integrated by Software
P4566-01MS	PO107446.D	AR-1016-4	yogesh	10/29/2024 9:25:47 AM	Ankita	10/29/2024 9:46:29	Peak Integrated by Software
P4566-01MS	PO107446.D	AR-1016-5	yogesh	10/29/2024 9:25:47 AM	Ankita	10/29/2024 9:46:29	Peak Integrated by Software
P4566-01MS	PO107446.D	Tetrachloro-m-xylene	yogesh	10/29/2024 9:25:47 AM	Ankita	10/29/2024 9:46:29	Peak Integrated by Software
P4566-01MSD	PO107447.D	AR-1016-1	yogesh	10/29/2024 9:25:49 AM	Ankita	10/29/2024 9:46:31	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102824	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4566-01MSD	PO107447.D	AR-1016-2	yogesh	10/29/2024 9:25:49 AM	Ankita	10/29/2024 9:46:31	Peak Integrated by Software
P4566-01MSD	PO107447.D	AR-1016-3	yogesh	10/29/2024 9:25:49 AM	Ankita	10/29/2024 9:46:31	Peak Integrated by Software
P4566-01MSD	PO107447.D	AR-1016-4	yogesh	10/29/2024 9:25:49 AM	Ankita	10/29/2024 9:46:31	Peak Integrated by Software
P4566-01MSD	PO107447.D	AR-1016-5	yogesh	10/29/2024 9:25:49 AM	Ankita	10/29/2024 9:46:31	Peak Integrated by Software
P4566-01MSD	PO107447.D	AR-1016-5 #2	yogesh	10/29/2024 9:25:49 AM	Ankita	10/29/2024 9:46:31	Peak Integrated by Software
P4566-01MSD	PO107447.D	Tetrachloro-m-xylene	yogesh	10/29/2024 9:25:49 AM	Ankita	10/29/2024 9:46:31	Peak Integrated by Software
AR1242CCC50 0	PO107452.D	AR-1242-2 #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1242CCC50 0	PO107452.D	AR-1242-3 #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1242CCC50 0	PO107452.D	AR-1242-4 #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1242CCC50 0	PO107452.D	AR-1242-5 #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1242CCC50 0	PO107452.D	Decachlorobiphenyl #2	yogesh	10/29/2024 1:58:22 PM	Ankita	10/29/2024 1:58:46	Peak Integrated by Software
AR1248CCC50 0	PO107453.D	AR-1248-5 #2	yogesh	10/29/2024 9:25:53 AM	Ankita	10/29/2024 9:46:44	Peak Integrated by Software
AR1254CCC50 0	PO107454.D	AR-1254-1 #2	yogesh	10/29/2024 9:25:54 AM	Ankita	10/29/2024 9:46:46	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102824	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO107454.D	AR-1254-2 #2	yogesh	10/29/2024 9:25:54 AM	Ankita	10/29/2024 9:46:46	Peak Integrated by Software
P4578-03	PO107460.D	Tetrachloro-m-xylene	yogesh	10/29/2024 9:25:58 AM	Ankita	10/29/2024 9:46:59	Peak Integrated by Software
P4578-03	PO107460.D	Tetrachloro-m-xylene #2	yogesh	10/29/2024 9:25:58 AM	Ankita	10/29/2024 9:46:59	Peak Integrated by Software
P4578-04	PO107461.D	Tetrachloro-m-xylene	yogesh	10/29/2024 9:25:59 AM	Ankita	10/29/2024 9:47:01	Peak Integrated by Software
P4578-04	PO107461.D	Tetrachloro-m-xylene #2	yogesh	10/29/2024 9:25:59 AM	Ankita	10/29/2024 9:47:01	Peak Integrated by Software
AR1242CCC500	PO107465.D	Tetrachloro-m-xylene #2	yogesh	10/29/2024 9:26:01 AM	Ankita	10/29/2024 9:47:02	Peak Integrated by Software
AR1248CCC500	PO107466.D	AR-1248-5 #2	yogesh	10/29/2024 9:26:03 AM	Ankita	10/29/2024 9:47:04	Peak Integrated by Software
AR1254CCC500	PO107467.D	AR-1254-2 #2	yogesh	10/29/2024 9:26:05 AM	Ankita	10/29/2024 9:47:06	Peak Integrated by Software

Manual Integration Report

Sequence:	pp100824	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP067590.D	AR-1016-5 #2	yogesh	10/9/2024 8:24:09 AM	Ankita	10/9/2024 9:46:08	Peak Integrated by Software
AR1660ICC050	PP067591.D	AR-1016-5 #2	yogesh	10/9/2024 8:24:11 AM	Ankita	10/9/2024 9:46:09	Peak Integrated by Software
AR1242ICC500	PP067596.D	Tetrachloro-m-xylene	yogesh	10/9/2024 8:24:13 AM	Ankita	10/9/2024 9:46:11	Peak Integrated by Software
AR1242ICC050	PP067598.D	Tetrachloro-m-xylene	yogesh	10/9/2024 8:24:16 AM	Ankita	10/9/2024 9:46:12	Peak Integrated by Software
AR1254ICC750	PP067605.D	AR-1254-5	yogesh	10/9/2024 8:24:18 AM	Ankita	10/9/2024 9:46:13	Peak Integrated by Software
AR1254ICC500	PP067606.D	AR-1254-5	yogesh	10/9/2024 8:24:20 AM	Ankita	10/9/2024 9:46:15	Peak Integrated by Software
AR1254ICC050	PP067608.D	AR-1254-1	yogesh	10/9/2024 8:24:22 AM	Ankita	10/9/2024 9:48:32	Peak Integrated by Software
AR1254ICC050	PP067608.D	AR-1254-4 #2	yogesh	10/9/2024 8:24:22 AM	Ankita	10/9/2024 9:48:32	Peak Integrated by Software
AR1262ICC500	PP067609.D	AR-1262-3	yogesh	10/9/2024 8:24:24 AM	Ankita	10/9/2024 9:48:33	Peak Integrated by Software
AR1268ICC100 0	PP067610.D	AR-1268-1	yogesh	10/9/2024 8:24:27 AM	Ankita	10/9/2024 9:48:35	Peak Integrated by Software
AR1268ICC100 0	PP067610.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:27 AM	Ankita	10/9/2024 9:48:35	Peak Integrated by Software
AR1268ICC750	PP067611.D	AR-1268-1	yogesh	10/9/2024 8:24:29 AM	Ankita	10/9/2024 9:48:36	Peak Integrated by Software
AR1268ICC750	PP067611.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:29 AM	Ankita	10/9/2024 9:48:36	Peak Integrated by Software

Manual Integration Report

Sequence:	pp100824	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC500	PP067612.D	AR-1268-1	yogesh	10/9/2024 8:24:31 AM	Ankita	10/9/2024 9:48:38	Peak Integrated by Software
AR1268ICC500	PP067612.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:31 AM	Ankita	10/9/2024 9:48:38	Peak Integrated by Software
AR1268ICC250	PP067613.D	AR-1268-1	yogesh	10/9/2024 8:24:33 AM	Ankita	10/9/2024 9:48:39	Peak Integrated by Software
AR1268ICC250	PP067613.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:33 AM	Ankita	10/9/2024 9:48:39	Peak Integrated by Software
AR1268ICC050	PP067614.D	AR-1268-1	yogesh	10/9/2024 8:24:35 AM	Ankita	10/9/2024 9:48:41	Peak Integrated by Software
AR1268ICC050	PP067614.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:35 AM	Ankita	10/9/2024 9:48:41	Peak Integrated by Software
AR1242ICV500	PP067616.D	AR-1242-1 #2	yogesh	10/9/2024 8:24:36 AM	Ankita	10/9/2024 9:48:43	Peak Integrated by Software
AR1242ICV500	PP067616.D	AR-1242-2 #2	yogesh	10/9/2024 8:24:36 AM	Ankita	10/9/2024 9:48:43	Peak Integrated by Software
AR1254ICV500	PP067618.D	AR-1254-4 #2	yogesh	10/9/2024 8:24:38 AM	Ankita	10/9/2024 9:48:44	Peak Integrated by Software
AR1254ICV500	PP067618.D	AR-1254-5	yogesh	10/9/2024 8:24:38 AM	Ankita	10/9/2024 9:48:44	Peak Integrated by Software
AR1268ICV500	PP067619.D	AR-1268-1	yogesh	10/9/2024 8:24:40 AM	Ankita	10/9/2024 9:48:46	Peak Integrated by Software
AR1268ICV500	PP067619.D	AR-1268-1 #2	yogesh	10/9/2024 8:24:40 AM	Ankita	10/9/2024 9:48:46	Peak Integrated by Software



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

Manual Integration Report

Sequence:	pp100824	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
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Manual Integration Report

Sequence:	PP102924	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP068299.D	Decachlorobiphenyl #2	yogesh	10/30/2024 8:38:29 AM	Ankita	10/30/2024 9:17:02	Peak Integrated by Software
AR1242CCC500	PP068300.D	Decachlorobiphenyl #2	yogesh	10/30/2024 8:38:30 AM	Ankita	10/30/2024 9:17:03	Peak Integrated by Software
AR1248CCC500	PP068301.D	Decachlorobiphenyl #2	yogesh	10/30/2024 8:38:32 AM	Ankita	10/30/2024 9:17:05	Peak Integrated by Software
AR1254CCC500	PP068302.D	AR-1254-1	yogesh	10/30/2024 8:38:33 AM	Ankita	10/30/2024 9:17:06	Peak Integrated by Software
AR1254CCC500	PP068302.D	AR-1254-5	yogesh	10/30/2024 8:38:33 AM	Ankita	10/30/2024 9:17:06	Peak Integrated by Software
PB164493BS	PP068305.D	AR-1260-4	yogesh	10/30/2024 8:38:35 AM	Ankita	10/30/2024 9:17:07	Peak Integrated by Software
PB164493BSD	PP068306.D	AR-1016-5	yogesh	10/30/2024 8:38:36 AM	Ankita	10/30/2024 9:17:09	Peak Integrated by Software
PB164493BSD	PP068306.D	AR-1260-4	yogesh	10/30/2024 8:38:36 AM	Ankita	10/30/2024 9:17:09	Peak Integrated by Software
AR1248CCC500	PP068314.D	AR-1248-1	yogesh	10/30/2024 8:38:41 AM	Ankita	10/30/2024 9:17:14	Peak Integrated by Software
AR1254CCC500	PP068315.D	AR-1254-1	yogesh	10/30/2024 8:38:43 AM	Ankita	10/30/2024 9:17:15	Peak Integrated by Software
AR1254CCC500	PP068315.D	AR-1254-5	yogesh	10/30/2024 8:38:43 AM	Ankita	10/30/2024 9:17:15	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO107180.D	15 Oct 2024 13:05	YP/AJ	Ok
2	AR1660CCC500	PO107181.D	15 Oct 2024 13:23	YP/AJ	Not Ok
3	HEXANE	PO107182.D	15 Oct 2024 17:50	YP/AJ	Ok
4	I.BLK	PO107183.D	15 Oct 2024 18:08	YP/AJ	Ok
5	AR1660ICC1000	PO107184.D	15 Oct 2024 18:27	YP/AJ	Ok
6	AR1660ICC750	PO107185.D	15 Oct 2024 18:45	YP/AJ	Ok
7	AR1660ICC500	PO107186.D	15 Oct 2024 19:03	YP/AJ	Ok
8	AR1660ICC250	PO107187.D	15 Oct 2024 19:21	YP/AJ	Ok
9	AR1660ICC050	PO107188.D	15 Oct 2024 19:39	YP/AJ	Ok,M
10	AR1221ICC500	PO107189.D	15 Oct 2024 19:57	YP/AJ	Ok
11	AR1232ICC500	PO107190.D	15 Oct 2024 20:15	YP/AJ	Ok
12	AR1242ICC1000	PO107191.D	15 Oct 2024 20:34	YP/AJ	Ok
13	AR1242ICC750	PO107192.D	15 Oct 2024 20:52	YP/AJ	Ok
14	AR1242ICC500	PO107193.D	15 Oct 2024 21:10	YP/AJ	Ok
15	AR1242ICC250	PO107194.D	15 Oct 2024 21:28	YP/AJ	Ok
16	AR1242ICC050	PO107195.D	15 Oct 2024 21:46	YP/AJ	Ok
17	AR1248ICC1000	PO107196.D	15 Oct 2024 22:04	YP/AJ	Ok
18	AR1248ICC750	PO107197.D	15 Oct 2024 22:22	YP/AJ	Ok
19	AR1248ICC500	PO107198.D	15 Oct 2024 22:41	YP/AJ	Ok
20	AR1248ICC250	PO107199.D	15 Oct 2024 22:59	YP/AJ	Ok
21	AR1248ICC050	PO107200.D	15 Oct 2024 23:17	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC1000	PO107201.D	15 Oct 2024 23:35	YP/AJ	Ok
23	AR1254ICC750	PO107202.D	15 Oct 2024 23:53	YP/AJ	Ok
24	AR1254ICC500	PO107203.D	16 Oct 2024 00:11	YP/AJ	Ok
25	AR1254ICC250	PO107204.D	16 Oct 2024 00:29	YP/AJ	Ok
26	AR1254ICC050	PO107205.D	16 Oct 2024 00:47	YP/AJ	Ok
27	AR1262ICC500	PO107206.D	16 Oct 2024 01:05	YP/AJ	Ok
28	AR1268ICC1000	PO107207.D	16 Oct 2024 01:23	YP/AJ	Ok
29	AR1268ICC750	PO107208.D	16 Oct 2024 01:41	YP/AJ	Ok
30	AR1268ICC500	PO107209.D	16 Oct 2024 01:59	YP/AJ	Ok
31	AR1268ICC250	PO107210.D	16 Oct 2024 02:18	YP/AJ	Ok
32	AR1268ICC050	PO107211.D	16 Oct 2024 02:36	YP/AJ	Ok,M
33	PO101524ICV500	PO107212.D	16 Oct 2024 02:54	YP/AJ	Ok
34	AR1242ICV500	PO107213.D	16 Oct 2024 03:12	YP/AJ	Ok
35	AR1248ICV500	PO107214.D	16 Oct 2024 03:30	YP/AJ	Ok
36	AR1254ICV500	PO107215.D	16 Oct 2024 03:48	YP/AJ	Ok
37	AR1268ICV500	PO107216.D	16 Oct 2024 04:06	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM
SubDirectory	PO102824	HP Acquire Method	HP Processing Method PO101524
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	I.BLK	PO107414.D	28 Oct 2024 09:16	YP/AJ	Ok
2	AR1221ICC1000	PO107415.D	28 Oct 2024 09:34	YP/AJ	Ok
3	AR1221ICC750	PO107416.D	28 Oct 2024 09:52	YP/AJ	Ok
4	AR1221ICC500	PO107417.D	28 Oct 2024 10:10	YP/AJ	Ok
5	AR1221ICC250	PO107418.D	28 Oct 2024 10:28	YP/AJ	Ok
6	AR1221ICC050	PO107419.D	28 Oct 2024 10:46	YP/AJ	Ok
7	AR1221ICV500	PO107420.D	28 Oct 2024 11:04	YP/AJ	Ok
8	AR1660CCC500	PO107421.D	28 Oct 2024 11:22	YP/AJ	Ok
9	AR1221CCC500	PO107422.D	28 Oct 2024 11:40	YP/AJ	Ok
10	AR1254CCC500	PO107423.D	28 Oct 2024 11:58	YP/AJ	Ok,M
11	I.BLK	PO107424.D	28 Oct 2024 12:16	YP/AJ	Ok
12	PB164405BL	PO107425.D	28 Oct 2024 12:34	YP/AJ	Ok
13	PB164405BS	PO107426.D	28 Oct 2024 12:52	YP/AJ	Ok
14	P4495-19	PO107427.D	28 Oct 2024 13:10	YP/AJ	Dilution
15	P4495-19DL	PO107428.D	28 Oct 2024 13:28	YP/AJ	Not Ok
16	PB164403BL	PO107429.D	28 Oct 2024 13:46	YP/AJ	Ok
17	P4549-02RE	PO107430.D	28 Oct 2024 14:04	YP/AJ	Confirms
18	P4549-03RE	PO107431.D	28 Oct 2024 14:22	YP/AJ	Confirms
19	P4549-04RE	PO107432.D	28 Oct 2024 14:40	YP/AJ	Confirms
20	P4545-01RE	PO107433.D	28 Oct 2024 14:58	YP/AJ	Confirms
21	P4495-19DL	PO107434.D	28 Oct 2024 15:52	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM
SubDirectory	PO102824	HP Acquire Method	HP Processing Method PO101524
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1660CCC500	PO107435.D	28 Oct 2024 16:10	YP/AJ	Ok,M
23	AR1221CCC500	PO107436.D	28 Oct 2024 16:28	YP/AJ	Ok
24	AR1242CCC500	PO107437.D	28 Oct 2024 16:46	YP/AJ	Ok
25	AR1248CCC500	PO107438.D	28 Oct 2024 17:04	YP/AJ	Ok,M
26	AR1254CCC500	PO107439.D	28 Oct 2024 17:22	YP/AJ	Ok,M
27	I.BLK	PO107440.D	28 Oct 2024 17:40	YP/AJ	Ok
28	PB164459BL	PO107441.D	28 Oct 2024 17:58	YP/AJ	Ok
29	PB164459BS	PO107442.D	28 Oct 2024 18:16	YP/AJ	Ok,M
30	P4561-01	PO107443.D	28 Oct 2024 18:34	YP/AJ	Ok
31	P4561-05	PO107444.D	28 Oct 2024 18:52	YP/AJ	Ok
32	P4566-01	PO107445.D	28 Oct 2024 19:10	YP/AJ	Ok,M
33	P4566-01MS	PO107446.D	28 Oct 2024 19:28	YP/AJ	Ok,M
34	P4566-01MSD	PO107447.D	28 Oct 2024 19:46	YP/AJ	Ok,M
35	P4567-01	PO107448.D	28 Oct 2024 20:04	YP/AJ	Ok
36	P4567-05	PO107449.D	28 Oct 2024 20:22	YP/AJ	Ok
37	P4567-09	PO107450.D	28 Oct 2024 20:40	YP/AJ	Ok
38	AR1660CCC500	PO107451.D	28 Oct 2024 21:27	YP/AJ	Ok
39	AR1242CCC500	PO107452.D	28 Oct 2024 21:45	YP/AJ	Not Ok
40	AR1248CCC500	PO107453.D	28 Oct 2024 22:03	YP/AJ	Ok,M
41	AR1254CCC500	PO107454.D	28 Oct 2024 22:21	YP/AJ	Ok,M
42	I.BLK	PO107455.D	28 Oct 2024 22:39	YP/AJ	Ok
43	P4574-01	PO107456.D	28 Oct 2024 22:57	YP/AJ	Ok
44	P4574-04	PO107457.D	28 Oct 2024 23:15	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM
SubDirectory	PO102824	HP Acquire Method	HP Processing Method PO101524
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	P4575-01	PO107458.D	28 Oct 2024 23:33	YP/AJ	Ok,M
46	P4577-01	PO107459.D	28 Oct 2024 23:51	YP/AJ	Ok
47	P4578-03	PO107460.D	29 Oct 2024 00:09	YP/AJ	Ok,M
48	P4578-04	PO107461.D	29 Oct 2024 00:27	YP/AJ	Ok,M
49	P4578-05	PO107462.D	29 Oct 2024 00:45	YP/AJ	Ok
50	P4578-07	PO107463.D	29 Oct 2024 01:03	YP/AJ	Ok
51	AR1660CCC500	PO107464.D	29 Oct 2024 01:50	YP/AJ	Ok
52	AR1242CCC500	PO107465.D	29 Oct 2024 02:08	YP/AJ	Ok,M
53	AR1248CCC500	PO107466.D	29 Oct 2024 02:26	YP/AJ	Ok,M
54	AR1254CCC500	PO107467.D	29 Oct 2024 02:44	YP/AJ	Ok,M
55	I.BLK	PO107468.D	29 Oct 2024 03:02	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100824

Review By	yogesh	Review On	10/9/2024 8:24:57 AM
Supervise By	Ankita	Supervise On	10/9/2024 9:49:08 AM
SubDirectory	PP100824	HP Acquire Method	HP Processing Method PP100824
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP067585.D	08 Oct 2024 15:58	YP\AJ	Ok
2	I.BLK	PP067586.D	08 Oct 2024 16:14	YP\AJ	Ok
3	AR1660ICC1000	PP067587.D	08 Oct 2024 16:30	YP\AJ	Ok
4	AR1660ICC750	PP067588.D	08 Oct 2024 16:46	YP\AJ	Ok
5	AR1660ICC500	PP067589.D	08 Oct 2024 17:02	YP\AJ	Ok
6	AR1660ICC250	PP067590.D	08 Oct 2024 17:19	YP\AJ	Ok,M
7	AR1660ICC050	PP067591.D	08 Oct 2024 17:35	YP\AJ	Ok,M
8	AR1221ICC500	PP067592.D	08 Oct 2024 17:51	YP\AJ	Ok
9	AR1232ICC500	PP067593.D	08 Oct 2024 18:07	YP\AJ	Ok
10	AR1242ICC1000	PP067594.D	08 Oct 2024 18:23	YP\AJ	Ok
11	AR1242ICC750	PP067595.D	08 Oct 2024 18:39	YP\AJ	Ok
12	AR1242ICC500	PP067596.D	08 Oct 2024 18:55	YP\AJ	Ok,M
13	AR1242ICC250	PP067597.D	08 Oct 2024 19:12	YP\AJ	Ok
14	AR1242ICC050	PP067598.D	08 Oct 2024 19:28	YP\AJ	Ok,M
15	AR1248ICC1000	PP067599.D	08 Oct 2024 19:44	YP\AJ	Ok
16	AR1248ICC750	PP067600.D	08 Oct 2024 20:00	YP\AJ	Ok
17	AR1248ICC500	PP067601.D	08 Oct 2024 20:16	YP\AJ	Ok
18	AR1248ICC250	PP067602.D	08 Oct 2024 20:32	YP\AJ	Ok
19	AR1248ICC050	PP067603.D	08 Oct 2024 20:49	YP\AJ	Ok
20	AR1254ICC1000	PP067604.D	08 Oct 2024 21:05	YP\AJ	Ok
21	AR1254ICC750	PP067605.D	08 Oct 2024 21:21	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100824

Review By	yogesh	Review On	10/9/2024 8:24:57 AM
Supervise By	Ankita	Supervise On	10/9/2024 9:49:08 AM
SubDirectory	PP100824	HP Acquire Method	HP Processing Method PP100824
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP067606.D	08 Oct 2024 21:37	YP\AJ	Ok,M
23	AR1254ICC250	PP067607.D	08 Oct 2024 21:53	YP\AJ	Ok
24	AR1254ICC050	PP067608.D	08 Oct 2024 22:09	YP\AJ	Ok,M
25	AR1262ICC500	PP067609.D	08 Oct 2024 22:25	YP\AJ	Ok,M
26	AR1268ICC1000	PP067610.D	08 Oct 2024 22:42	YP\AJ	Ok,M
27	AR1268ICC750	PP067611.D	08 Oct 2024 22:58	YP\AJ	Ok,M
28	AR1268ICC500	PP067612.D	08 Oct 2024 23:14	YP\AJ	Ok,M
29	AR1268ICC250	PP067613.D	08 Oct 2024 23:30	YP\AJ	Ok,M
30	AR1268ICC050	PP067614.D	08 Oct 2024 23:46	YP\AJ	Ok,M
31	PP100824ICV500	PP067615.D	09 Oct 2024 00:02	YP\AJ	Ok
32	AR1242ICV500	PP067616.D	09 Oct 2024 00:18	YP\AJ	Ok,M
33	AR1248ICV500	PP067617.D	09 Oct 2024 00:34	YP\AJ	Ok
34	AR1254ICV500	PP067618.D	09 Oct 2024 00:51	YP\AJ	Ok,M
35	AR1268ICV500	PP067619.D	09 Oct 2024 01:07	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102924

Review By	yogesh	Review On	10/30/2024 8:38:56 AM
Supervise By	Ankita	Supervise On	10/30/2024 9:17:27 AM
SubDirectory	PP102924	HP Acquire Method	HP Processing Method PP100824
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP068291.D	29 Oct 2024 09:39	YP\AJ	Ok
2	AR1660CCC500	PP068292.D	29 Oct 2024 09:55	YP\AJ	Ok
3	AR1242CCC500	PP068293.D	29 Oct 2024 10:11	YP\AJ	Ok
4	I.BLK	PP068294.D	29 Oct 2024 10:27	YP\AJ	Ok
5	P4563-01DL	PP068295.D	29 Oct 2024 10:43	YP\AJ	Ok
6	P4563-05DL	PP068296.D	29 Oct 2024 10:59	YP\AJ	Ok,M
7	P4563-06DL	PP068297.D	29 Oct 2024 11:15	YP\AJ	Ok
8	P4563-07DL	PP068298.D	29 Oct 2024 11:31	YP\AJ	Ok
9	AR1660CCC500	PP068299.D	29 Oct 2024 11:47	YP\AJ	Ok,M
10	AR1242CCC500	PP068300.D	29 Oct 2024 12:03	YP\AJ	Ok,M
11	AR1248CCC500	PP068301.D	29 Oct 2024 12:20	YP\AJ	Ok,M
12	AR1254CCC500	PP068302.D	29 Oct 2024 13:29	YP\AJ	Ok,M
13	I.BLK	PP068303.D	29 Oct 2024 13:45	YP\AJ	Ok
14	PB164493BL	PP068304.D	29 Oct 2024 15:16	YP\AJ	Ok
15	PB164493BS	PP068305.D	29 Oct 2024 15:32	YP\AJ	Ok,M
16	PB164493BSD	PP068306.D	29 Oct 2024 15:48	YP\AJ	Ok,M
17	P4564-01	PP068307.D	29 Oct 2024 16:05	YP\AJ	Ok,M
18	P4578-01	PP068308.D	29 Oct 2024 16:21	YP\AJ	Ok
19	P4578-02	PP068309.D	29 Oct 2024 16:37	YP\AJ	Ok
20	P4596-04	PP068310.D	29 Oct 2024 16:53	YP\AJ	Ok
21	P4596-07	PP068311.D	29 Oct 2024 17:10	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102924

Review By	yogesh	Review On	10/30/2024 8:38:56 AM
Supervise By	Ankita	Supervise On	10/30/2024 9:17:27 AM
SubDirectory	PP102924	HP Acquire Method	HP Processing Method PP100824
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1660CCC500	PP068312.D	29 Oct 2024 17:47	YP\AJ	Ok
23	AR1242CCC500	PP068313.D	29 Oct 2024 18:04	YP\AJ	Ok
24	AR1248CCC500	PP068314.D	29 Oct 2024 18:20	YP\AJ	Ok,M
25	AR1254CCC500	PP068315.D	29 Oct 2024 18:36	YP\AJ	Ok,M
26	I.BLK	PP068316.D	29 Oct 2024 18:53	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524

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,PP23792
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO107180.D	15 Oct 2024 13:05		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO107181.D	15 Oct 2024 13:23	need ICAL	YP/AJ	Not Ok
3	HEXANE	HEXANE	PO107182.D	15 Oct 2024 17:50		YP/AJ	Ok
4	I.BLK	I.BLK	PO107183.D	15 Oct 2024 18:08		YP/AJ	Ok
5	AR1660ICC1000	AR1660ICC1000	PO107184.D	15 Oct 2024 18:27		YP/AJ	Ok
6	AR1660ICC750	AR1660ICC750	PO107185.D	15 Oct 2024 18:45		YP/AJ	Ok
7	AR1660ICC500	AR1660ICC500	PO107186.D	15 Oct 2024 19:03		YP/AJ	Ok
8	AR1660ICC250	AR1660ICC250	PO107187.D	15 Oct 2024 19:21		YP/AJ	Ok
9	AR1660ICC050	AR1660ICC050	PO107188.D	15 Oct 2024 19:39		YP/AJ	Ok,M
10	AR1221ICC500	AR1221ICC500	PO107189.D	15 Oct 2024 19:57		YP/AJ	Ok
11	AR1232ICC500	AR1232ICC500	PO107190.D	15 Oct 2024 20:15		YP/AJ	Ok
12	AR1242ICC1000	AR1242ICC1000	PO107191.D	15 Oct 2024 20:34		YP/AJ	Ok
13	AR1242ICC750	AR1242ICC750	PO107192.D	15 Oct 2024 20:52		YP/AJ	Ok
14	AR1242ICC500	AR1242ICC500	PO107193.D	15 Oct 2024 21:10		YP/AJ	Ok
15	AR1242ICC250	AR1242ICC250	PO107194.D	15 Oct 2024 21:28		YP/AJ	Ok
16	AR1242ICC050	AR1242ICC050	PO107195.D	15 Oct 2024 21:46		YP/AJ	Ok
17	AR1248ICC1000	AR1248ICC1000	PO107196.D	15 Oct 2024 22:04		YP/AJ	Ok
18	AR1248ICC750	AR1248ICC750	PO107197.D	15 Oct 2024 22:22		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC500	AR1248ICC500	PO107198.D	15 Oct 2024 22:41		YP/AJ	Ok
20	AR1248ICC250	AR1248ICC250	PO107199.D	15 Oct 2024 22:59		YP/AJ	Ok
21	AR1248ICC050	AR1248ICC050	PO107200.D	15 Oct 2024 23:17		YP/AJ	Ok
22	AR1254ICC1000	AR1254ICC1000	PO107201.D	15 Oct 2024 23:35		YP/AJ	Ok
23	AR1254ICC750	AR1254ICC750	PO107202.D	15 Oct 2024 23:53		YP/AJ	Ok
24	AR1254ICC500	AR1254ICC500	PO107203.D	16 Oct 2024 00:11		YP/AJ	Ok
25	AR1254ICC250	AR1254ICC250	PO107204.D	16 Oct 2024 00:29		YP/AJ	Ok
26	AR1254ICC050	AR1254ICC050	PO107205.D	16 Oct 2024 00:47		YP/AJ	Ok
27	AR1262ICC500	AR1262ICC500	PO107206.D	16 Oct 2024 01:05		YP/AJ	Ok
28	AR1268ICC1000	AR1268ICC1000	PO107207.D	16 Oct 2024 01:23		YP/AJ	Ok
29	AR1268ICC750	AR1268ICC750	PO107208.D	16 Oct 2024 01:41		YP/AJ	Ok
30	AR1268ICC500	AR1268ICC500	PO107209.D	16 Oct 2024 01:59		YP/AJ	Ok
31	AR1268ICC250	AR1268ICC250	PO107210.D	16 Oct 2024 02:18		YP/AJ	Ok
32	AR1268ICC050	AR1268ICC050	PO107211.D	16 Oct 2024 02:36		YP/AJ	Ok,M
33	PO101524ICV500	ICVPO101524	PO107212.D	16 Oct 2024 02:54		YP/AJ	Ok
34	AR1242ICV500	ICVPO101524AR1242	PO107213.D	16 Oct 2024 03:12		YP/AJ	Ok
35	AR1248ICV500	ICVPO101524AR1248	PO107214.D	16 Oct 2024 03:30		YP/AJ	Ok
36	AR1254ICV500	ICVPO101524AR1254	PO107215.D	16 Oct 2024 03:48		YP/AJ	Ok
37	AR1268ICV500	ICVPO101524AR1268	PO107216.D	16 Oct 2024 04:06		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO101524

Review By	yogesh	Review On	10/16/2024 8:49:12 AM
Supervise By	Ankita	Supervise On	10/16/2024 9:57:42 AM
SubDirectory	PO101524	HP Acquire Method	HP Processing Method PO101524
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM
SubDirectory	PO102824	HP Acquire Method	HP Processing Method PO101524

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
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	I.BLK	I.BLK	PO107414.D	28 Oct 2024 09:16		YP/AJ	Ok
2	AR1221ICC1000	AR1221ICC1000	PO107415.D	28 Oct 2024 09:34		YP/AJ	Ok
3	AR1221ICC750	AR1221ICC750	PO107416.D	28 Oct 2024 09:52		YP/AJ	Ok
4	AR1221ICC500	AR1221ICC500	PO107417.D	28 Oct 2024 10:10		YP/AJ	Ok
5	AR1221ICC250	AR1221ICC250	PO107418.D	28 Oct 2024 10:28		YP/AJ	Ok
6	AR1221ICC050	AR1221ICC050	PO107419.D	28 Oct 2024 10:46		YP/AJ	Ok
7	AR1221ICV500	ICVPO102824	PO107420.D	28 Oct 2024 11:04		YP/AJ	Ok
8	AR1660CCC500	AR1660CCC500	PO107421.D	28 Oct 2024 11:22		YP/AJ	Ok
9	AR1221CCC500	AR1221CCC500	PO107422.D	28 Oct 2024 11:40		YP/AJ	Ok
10	AR1254CCC500	AR1254CCC500	PO107423.D	28 Oct 2024 11:58		YP/AJ	Ok,M
11	I.BLK	I.BLK	PO107424.D	28 Oct 2024 12:16		YP/AJ	Ok
12	PB164405BL	PB164405BL	PO107425.D	28 Oct 2024 12:34		YP/AJ	Ok
13	PB164405BS	PB164405BS	PO107426.D	28 Oct 2024 12:52		YP/AJ	Ok
14	P4495-19	PT-PCBO-SOIL	PO107427.D	28 Oct 2024 13:10	AR1221 hit-need 5X	YP/AJ	Dilution
15	P4495-19DL	PT-PCBO-SOILDL	PO107428.D	28 Oct 2024 13:28	AR1221 hit,dilution not match	YP/AJ	Not Ok
16	PB164403BL	PB164403BL	PO107429.D	28 Oct 2024 13:46		YP/AJ	Ok
17	P4549-02RE	TT-067-IDWGW-20241	PO107430.D	28 Oct 2024 14:04	DCB low in both column	YP/AJ	Confirms
18	P4549-03RE	TT-068-IDWGW-20241	PO107431.D	28 Oct 2024 14:22	DCB low in both column	YP/AJ	Confirms

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM
SubDirectory	PO102824	HP Acquire Method	HP Processing Method PO101524
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	P4549-04RE	TT-069-IDWGW-20241	PO107432.D	28 Oct 2024 14:40	DCB low in both column	YP/AJ	Confirms
20	P4545-01RE	VNJ-215RE	PO107433.D	28 Oct 2024 14:58	AR1254& 1260 Hit, DCB high in both column	YP/AJ	Confirms
21	P4495-19DL	PT-PCBO-SOILDL	PO107434.D	28 Oct 2024 15:52	AR1221 Hit	YP/AJ	Ok,M
22	AR1660CCC500	AR1660CCC500	PO107435.D	28 Oct 2024 16:10		YP/AJ	Ok,M
23	AR1221CCC500	AR1221CCC500	PO107436.D	28 Oct 2024 16:28		YP/AJ	Ok
24	AR1242CCC500	AR1242CCC500	PO107437.D	28 Oct 2024 16:46		YP/AJ	Ok
25	AR1248CCC500	AR1248CCC500	PO107438.D	28 Oct 2024 17:04		YP/AJ	Ok,M
26	AR1254CCC500	AR1254CCC500	PO107439.D	28 Oct 2024 17:22		YP/AJ	Ok,M
27	I.BLK	I.BLK	PO107440.D	28 Oct 2024 17:40		YP/AJ	Ok
28	PB164459BL	PB164459BL	PO107441.D	28 Oct 2024 17:58		YP/AJ	Ok
29	PB164459BS	PB164459BS	PO107442.D	28 Oct 2024 18:16		YP/AJ	Ok,M
30	P4561-01	BP-F-19	PO107443.D	28 Oct 2024 18:34		YP/AJ	Ok
31	P4561-05	BP-F-18	PO107444.D	28 Oct 2024 18:52		YP/AJ	Ok
32	P4566-01	HD-01-102524	PO107445.D	28 Oct 2024 19:10		YP/AJ	Ok,M
33	P4566-01MS	HD-01-102524MS	PO107446.D	28 Oct 2024 19:28		YP/AJ	Ok,M
34	P4566-01MSD	HD-01-102524MSD	PO107447.D	28 Oct 2024 19:46		YP/AJ	Ok,M
35	P4567-01	WC-1	PO107448.D	28 Oct 2024 20:04		YP/AJ	Ok
36	P4567-05	WC-2	PO107449.D	28 Oct 2024 20:22		YP/AJ	Ok
37	P4567-09	WC-3	PO107450.D	28 Oct 2024 20:40		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM
SubDirectory	PO102824	HP Acquire Method	HP Processing Method PO101524
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		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	AR1660CCC500	AR1660CCC500	PO107451.D	28 Oct 2024 21:27	AR1016 - comp#3 low in 1st column , DCB low in 2nd column	YP/AJ	Ok
39	AR1242CCC500	AR1242CCC500	PO107452.D	28 Oct 2024 21:45	F flag in TCMX , DCB low in 2nd column , Comp#3,4 low in 1st column , Comp#4,5 low in 2nd column	YP/AJ	Not Ok
40	AR1248CCC500	AR1248CCC500	PO107453.D	28 Oct 2024 22:03	Comp#3 low in 1st column	YP/AJ	Ok,M
41	AR1254CCC500	AR1254CCC500	PO107454.D	28 Oct 2024 22:21	Comp#1 low in 1st column	YP/AJ	Ok,M
42	I.BLK	I.BLK	PO107455.D	28 Oct 2024 22:39		YP/AJ	Ok
43	P4574-01	GRAVEL-1	PO107456.D	28 Oct 2024 22:57		YP/AJ	Ok
44	P4574-04	GRAVEL-2	PO107457.D	28 Oct 2024 23:15		YP/AJ	Ok
45	P4575-01	PL-02-102424	PO107458.D	28 Oct 2024 23:33		YP/AJ	Ok,M
46	P4577-01	TR-05-102524	PO107459.D	28 Oct 2024 23:51		YP/AJ	Ok
47	P4578-03	WB-305-TOP	PO107460.D	29 Oct 2024 00:09		YP/AJ	Ok,M
48	P4578-04	WB-305-TOP-1	PO107461.D	29 Oct 2024 00:27		YP/AJ	Ok,M
49	P4578-05	WB-305-BOT	PO107462.D	29 Oct 2024 00:45		YP/AJ	Ok
50	P4578-07	WB-305-BOT-1	PO107463.D	29 Oct 2024 01:03		YP/AJ	Ok
51	AR1660CCC500	AR1660CCC500	PO107464.D	29 Oct 2024 01:50		YP/AJ	Ok
52	AR1242CCC500	AR1242CCC500	PO107465.D	29 Oct 2024 02:08		YP/AJ	Ok,M
53	AR1248CCC500	AR1248CCC500	PO107466.D	29 Oct 2024 02:26		YP/AJ	Ok,M
54	AR1254CCC500	AR1254CCC500	PO107467.D	29 Oct 2024 02:44		YP/AJ	Ok,M
55	I.BLK	I.BLK	PO107468.D	29 Oct 2024 03:02		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102824

Review By	yogesh	Review On	10/29/2024 9:26:23 AM
Supervise By	Ankita	Supervise On	10/29/2024 9:47:18 AM
SubDirectory	PO102824	HP Acquire Method	HP Processing Method PO101524
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		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100824

Review By	yogesh	Review On	10/9/2024 8:24:57 AM
Supervise By	Ankita	Supervise On	10/9/2024 9:49:08 AM
SubDirectory	PP100824	HP Acquire Method	HP Processing Method PP100824
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,PP23792		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP067585.D	08 Oct 2024 15:58		YPIAJ	Ok
2	I.BLK	I.BLK	PP067586.D	08 Oct 2024 16:14		YPIAJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP067587.D	08 Oct 2024 16:30		YPIAJ	Ok
4	AR1660ICC750	AR1660ICC750	PP067588.D	08 Oct 2024 16:46		YPIAJ	Ok
5	AR1660ICC500	AR1660ICC500	PP067589.D	08 Oct 2024 17:02		YPIAJ	Ok
6	AR1660ICC250	AR1660ICC250	PP067590.D	08 Oct 2024 17:19		YPIAJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP067591.D	08 Oct 2024 17:35		YPIAJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP067592.D	08 Oct 2024 17:51		YPIAJ	Ok
9	AR1232ICC500	AR1232ICC500	PP067593.D	08 Oct 2024 18:07		YPIAJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP067594.D	08 Oct 2024 18:23		YPIAJ	Ok
11	AR1242ICC750	AR1242ICC750	PP067595.D	08 Oct 2024 18:39		YPIAJ	Ok
12	AR1242ICC500	AR1242ICC500	PP067596.D	08 Oct 2024 18:55		YPIAJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP067597.D	08 Oct 2024 19:12		YPIAJ	Ok
14	AR1242ICC050	AR1242ICC050	PP067598.D	08 Oct 2024 19:28		YPIAJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP067599.D	08 Oct 2024 19:44		YPIAJ	Ok
16	AR1248ICC750	AR1248ICC750	PP067600.D	08 Oct 2024 20:00		YPIAJ	Ok
17	AR1248ICC500	AR1248ICC500	PP067601.D	08 Oct 2024 20:16		YPIAJ	Ok
18	AR1248ICC250	AR1248ICC250	PP067602.D	08 Oct 2024 20:32		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100824

Review By	yogesh	Review On	10/9/2024 8:24:57 AM
Supervise By	Ankita	Supervise On	10/9/2024 9:49:08 AM
SubDirectory	PP100824	HP Acquire Method	HP Processing Method PP100824
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,PP23792		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP067603.D	08 Oct 2024 20:49		YPIAJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP067604.D	08 Oct 2024 21:05		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP067605.D	08 Oct 2024 21:21		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP067606.D	08 Oct 2024 21:37		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP067607.D	08 Oct 2024 21:53		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP067608.D	08 Oct 2024 22:09		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP067609.D	08 Oct 2024 22:25		YPIAJ	Ok,M
26	AR1268ICC1000	AR1268ICC1000	PP067610.D	08 Oct 2024 22:42		YPIAJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PP067611.D	08 Oct 2024 22:58		YPIAJ	Ok,M
28	AR1268ICC500	AR1268ICC500	PP067612.D	08 Oct 2024 23:14		YPIAJ	Ok,M
29	AR1268ICC250	AR1268ICC250	PP067613.D	08 Oct 2024 23:30		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP067614.D	08 Oct 2024 23:46		YPIAJ	Ok,M
31	PP100824ICV500	ICVPP100824	PP067615.D	09 Oct 2024 00:02		YPIAJ	Ok
32	AR1242ICV500	ICVPP100824AR1242	PP067616.D	09 Oct 2024 00:18		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP100824AR1248	PP067617.D	09 Oct 2024 00:34		YPIAJ	Ok
34	AR1254ICV500	ICVPP100824AR1254	PP067618.D	09 Oct 2024 00:51		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP100824AR1268	PP067619.D	09 Oct 2024 01:07		YPIAJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102924

Review By	yogesh	Review On	10/30/2024 8:38:56 AM
Supervise By	Ankita	Supervise On	10/30/2024 9:17:27 AM
SubDirectory	PP102924	HP Acquire Method	HP Processing Method PP100824

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
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP068291.D	29 Oct 2024 09:39		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP068292.D	29 Oct 2024 09:55		YPIAJ	Ok
3	AR1242CCC500	AR1242CCC500	PP068293.D	29 Oct 2024 10:11		YPIAJ	Ok
4	I.BLK	I.BLK	PP068294.D	29 Oct 2024 10:27		YPIAJ	Ok
5	P4563-01DL	100724-ADL	PP068295.D	29 Oct 2024 10:43		YPIAJ	Ok
6	P4563-05DL	100824-ADL	PP068296.D	29 Oct 2024 10:59		YPIAJ	Ok,M
7	P4563-06DL	100924-ADL	PP068297.D	29 Oct 2024 11:15		YPIAJ	Ok
8	P4563-07DL	100924-BDL	PP068298.D	29 Oct 2024 11:31		YPIAJ	Ok
9	AR1660CCC500	AR1660CCC500	PP068299.D	29 Oct 2024 11:47		YPIAJ	Ok,M
10	AR1242CCC500	AR1242CCC500	PP068300.D	29 Oct 2024 12:03		YPIAJ	Ok,M
11	AR1248CCC500	AR1248CCC500	PP068301.D	29 Oct 2024 12:20		YPIAJ	Ok,M
12	AR1254CCC500	AR1254CCC500	PP068302.D	29 Oct 2024 13:29		YPIAJ	Ok,M
13	I.BLK	I.BLK	PP068303.D	29 Oct 2024 13:45		YPIAJ	Ok
14	PB164493BL	PB164493BL	PP068304.D	29 Oct 2024 15:16		YPIAJ	Ok
15	PB164493BS	PB164493BS	PP068305.D	29 Oct 2024 15:32		YPIAJ	Ok,M
16	PB164493BSD	PB164493BSD	PP068306.D	29 Oct 2024 15:48		YPIAJ	Ok,M
17	P4564-01	100324	PP068307.D	29 Oct 2024 16:05	TCMX high in 2nd column	YPIAJ	Ok,M
18	P4578-01	WB-305-SW	PP068308.D	29 Oct 2024 16:21		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102924

Review By	yogesh	Review On	10/30/2024 8:38:56 AM
Supervise By	Ankita	Supervise On	10/30/2024 9:17:27 AM
SubDirectory	PP102924	HP Acquire Method	HP Processing Method PP100824
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		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	P4578-02	WB-305-SW-1	PP068309.D	29 Oct 2024 16:37		YPIAJ	Ok
20	P4596-04	DL-1	PP068310.D	29 Oct 2024 16:53		YPIAJ	Ok
21	P4596-07	TOTE-WATER-COMP	PP068311.D	29 Oct 2024 17:10		YPIAJ	Ok,M
22	AR1660CCC500	AR1660CCC500	PP068312.D	29 Oct 2024 17:47		YPIAJ	Ok
23	AR1242CCC500	AR1242CCC500	PP068313.D	29 Oct 2024 18:04		YPIAJ	Ok
24	AR1248CCC500	AR1248CCC500	PP068314.D	29 Oct 2024 18:20		YPIAJ	Ok,M
25	AR1254CCC500	AR1254CCC500	PP068315.D	29 Oct 2024 18:36		YPIAJ	Ok,M
26	I.BLK	I.BLK	PP068316.D	29 Oct 2024 18:53		YPIAJ	Ok

M : Manual Integration

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SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: RJ **Extraction By:** RJ

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

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

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

Extraction Start Date : 10/28/2024

Extraction Start Time : 08:30

Extraction End Date : 10/28/2024

Extraction End Time : 11:30

Concentration By: EH

Supervisor By : rajesh

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

Standarded Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23640
Surrogate	1.0ML	200 PPB	PP23858
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	EP2539
Baked Na2SO4	N/A	EP2554
Hexane	N/A	E3819
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2548
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.

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

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

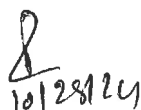
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/28/24	RP (Ext 1cb)	SR. Pest-PCB Cas
11:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 10/28/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164459BL	ABLK459	PCB	30.01	N/A	ritesh	Evelyn	10			U7-1
PB164459BS	ALCS459	PCB	30.02	N/A	ritesh	Evelyn	10			2
P4561-01	BP-F-19	PCB	30.04	N/A	ritesh	Evelyn	10	B		3
P4561-05	BP-F-18	PCB	30.02	N/A	ritesh	Evelyn	10	B		4
P4566-01	HD-01-102524	PCB	30.05	N/A	ritesh	Evelyn	10	E		5
P4566-01MS	HD-01-102524MS	PCB	30.06	N/A	ritesh	Evelyn	10	E		6
P4566-01MS D	HD-01-102524MSD	PCB	30.08	N/A	ritesh	Evelyn	10	E		U5-1
P4567-01	WC-1	PCB	30.03	N/A	ritesh	Evelyn	10	B		2
P4567-05	WC-2	PCB	30.04	N/A	ritesh	Evelyn	10	B		3
P4567-09	WC-3	PCB	30.06	N/A	ritesh	Evelyn	10	B		4
P4574-01	GRAVEL-1	PCB	30.09	N/A	ritesh	Evelyn	10	E	Stone	5
P4574-04	GRAVEL-2	PCB	30.05	N/A	ritesh	Evelyn	10	E	Stone	6
P4575-01	PL-02-102424	PCB	30.07	N/A	ritesh	Evelyn	10	E		U6-1
P4577-01	TR-05-102524	PCB	30.01	N/A	ritesh	Evelyn	10	E		2
P4578-03	WB-305-TOP	PCB	30.03	N/A	ritesh	Evelyn	10	E		3
P4578-04	WB-305-TOP-1	PCB	30.08	N/A	ritesh	Evelyn	10	E		4
P4578-05	WB-305-BOT	PCB	30.02	N/A	ritesh	Evelyn	10	E		5
P4578-07	WB-305-BOT-1	PCB	30.04	N/A	ritesh	Evelyn	10	E		6

* Extracts relinquished on the same date as received.



WORKLIST(Hardcopy Internal Chain)

WorkList Name : p4561 WorkList ID : 184849 Department : Extraction Date : 10-28-2024 08:22:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4561-01	BP-F-19	Solid	PCB	Cool 4 deg C	PSEG03	K63	10/25/2024	8082A
P4561-05	BP-F-18	Solid	PCB	Cool 4 deg C	PSEG03	K63	10/25/2024	8082A
P4566-01	HD-01-102524	Solid	PCB	Cool 4 deg C	PSEG05	K63	10/25/2024	8082A
P4567-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG03	K61	10/25/2024	8082A
P4567-05	WC-2	Solid	PCB	Cool 4 deg C	PSEG03	K61	10/25/2024	8082A
P4567-09	WC-3	Solid	PCB	Cool 4 deg C	PSEG03	K61	10/25/2024	8082A
P4574-01	GRAVEL-1	Solid	PCB	Cool 4 deg C	PSEG03	K63	10/25/2024	8082A
P4574-04	GRAVEL-2	Solid	PCB	Cool 4 deg C	PSEG03	K63	10/25/2024	8082A
P4575-01	PL-02-102424	Solid	PCB	Cool 4 deg C	PSEG05	K63	10/25/2024	8082A
P4577-01	TR-05-102524	Solid	PCB	Cool 4 deg C	PSEG05	K63	10/25/2024	8082A
P4578-03	WB-305-TOP	Solid	PCB	Cool 4 deg C	PORT06	K63	10/25/2024	8082A
P4578-04	WB-305-TOP-1	Solid	PCB	Cool 4 deg C	PORT06	K63	10/25/2024	8082A
P4578-05	WB-305-BOT	Solid	PCB	Cool 4 deg C	PORT06	K63	10/25/2024	8082A
P4578-07	WB-305-BOT-1	Solid	PCB	Cool 4 deg C	PORT06	K63	10/25/2024	8082A

Date/Time 10/28/24 8:25
 Raw Sample Received by: RJ (Det Lab)
 Raw Sample Relinquished by: JDCSM

Date/Time 10/28/24 9:00
 Raw Sample Received by: JDCSM
 Raw Sample Relinquished by: RJ (Det Lab)



SOP ID:	M3510C,3580A-Extraction PCB-14		
Clean Up SOP #:	Acid Cleanup	Extraction Start Date :	10/29/2024
Matrix :	Water	Extraction Start Time :	08:50
Weight By:	N/A	Extraction By:	RJ
Balance check:	N/A	Extraction End Date :	10/29/2024
Balance ID:	N/A	Filter By:	RJ
pH Strip Lot#:	E3574	Extraction End Time :	13:45
		pH Meter ID:	N/A
		Concentration By:	EH
		Supervisor By :	rajesh
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Surrogate	1.0ML	200 PPB	PP23858
Spike Sol 1	1.0ML	5000 PPB	PP23640
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	E3822
Baked Na2SO4	N/A	EP2546
Hexane	N/A	E3819
H2SO4 1:1	N/A	EP2524
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. P4578-01,02 Limited volume recd.

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
10/29/24	RP (Ext Lab)	Y.P. Pestipis
13:30	Preparation Group	Analysis Group

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

Concentration Date: 10/25/2024

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164493BL	ABLK493	PCB	1000	6	ritesh	rajesh	10			SEP-1
PB164493BS	ALCS493	PCB	1000	6	ritesh	rajesh	10			2
PB164493BSD	ALCSD493	PCB	1000	6	ritesh	rajesh	10			3
P4564-01	100324	PCB	1000	6	ritesh	rajesh	10	B		4
P4578-01	WB-305-SW	PCB	490	6	ritesh	rajesh	5	C		5
P4578-02	WB-305-SW-1	PCB	490	6	ritesh	rajesh	5	C		6
P4596-04	DL-1	PCB	1000	6	ritesh	rajesh	10	C		7
P4596-07	TOTE-WATER-COMP	PCB	990	6	ritesh	rajesh	10	E		8

* Extracts relinquished on the same date as received.

[Signature]
10/25/24

8:30
(C447)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P4564PCB

WorkList ID : 184894

Department : Extraction

Date : 10-29-2024 08:41:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4564-01	100324	Water	PCB	Cool 4 deg C	PSEG03	K63	10/25/2024	8082A
P4578-01	WB-305-SW	Water	PCB	Cool 4 deg C	PORT06	K63	10/25/2024	8082A
P4578-02	WB-305-SW-1	Water	PCB	Cool 4 deg C	PORT06	K63	10/25/2024	8082A
P4596-04	DL-1	Water	PCB	Cool 4 deg C	PSEG03	K61	10/28/2024	8082A
P4596-07	TOTE-WATER-COMP	Water	PCB	Cool 4 deg C	PSEG03	K61	10/28/2024	8082A

Date/Time 10/29/24 8:45
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

Date/Time 10/29/24 8:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: [Signature]

LAB CHRONICLE

OrderID:	P4578	OrderDate:	10/25/2024 3:58:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	K63,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4578-01	WB-305-SW	WATER	PCB	8082A	10/25/24	10/29/24	10/29/24	10/25/24
P4578-02	WB-305-SW-1	WATER	PCB	8082A	10/25/24	10/29/24	10/29/24	10/25/24
P4578-03	WB-305-TOP	SOIL	PCB	8082A	10/25/24	10/28/24	10/29/24	10/25/24
P4578-04	WB-305-TOP-1	SOIL	PCB	8082A	10/25/24	10/28/24	10/29/24	10/25/24
P4578-05	WB-305-BOT	SOIL	PCB	8082A	10/25/24	10/28/24	10/29/24	10/25/24
P4578-07	WB-305-BOT-1	SOIL	PCB	8082A	10/25/24	10/28/24	10/29/24	10/25/24