



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.:		P5299			Order ID:		P5299		
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:	12/14/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-01	SDG No.:	P5299
Lab Sample ID:	P5299-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	78.5
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
PO108627.D	1	12/18/24 08:10	12/18/24 16:54	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	21.6	ug/kg
11104-28-2	Aroclor-1221	8.20	U	8.20	21.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	21.6	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	21.6	ug/kg
12672-29-6	Aroclor-1248	10.0	U	10.0	21.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	21.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	21.6	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	21.6	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	21.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.7		30 (32) - 150 (144)	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		30 (32) - 150 (175)	109%	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:	12/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	12/16/24	
Client Sample ID:	SB-02		SDG No.:	P5299	
Lab Sample ID:	P5299-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	75.5	Decanted:
Sample Wt/Vol:	30.09	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
PO108628.D	1	12/18/24 08:10	12/18/24 17:13	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	22.4	ug/kg
11104-28-2	Aroclor-1221	8.50	U	8.50	22.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	22.4	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	22.4	ug/kg
12672-29-6	Aroclor-1248	10.4	U	10.4	22.4	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	22.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	22.4	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	22.4	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	22.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		30 (32) - 150 (144)	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		30 (32) - 150 (175)	109%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	12/15/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	12/16/24	
Client Sample ID:	SB-01		SDG No.:	P5299	
Lab Sample ID:	P5299-03		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	68.8	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108629.D	1	12/18/24 08:10	12/18/24 17:31	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	24.7	ug/kg
11104-28-2	Aroclor-1221	9.30	U	9.30	24.7	ug/kg
11141-16-5	Aroclor-1232	4.90	U	4.90	24.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	24.7	ug/kg
12672-29-6	Aroclor-1248	11.4	U	11.4	24.7	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	24.7	ug/kg
37324-23-5	Aroclor-1262	6.60	U	6.60	24.7	ug/kg
11100-14-4	Aroclor-1268	5.00	U	5.00	24.7	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	24.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.8		30 (32) - 150 (144)	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		30 (32) - 150 (175)	88%	SPK: 20

Comments:

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N = Presumptive Evidence of a Compound

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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:	12/15/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/16/24
Client Sample ID:	SB-02	SDG No.:	P5299
Lab Sample ID:	P5299-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	79.2
Sample Wt/Vol:	30.1	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
PO108630.D	1	12/18/24 08:10	12/18/24 17:49	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	21.4	ug/kg
11104-28-2	Aroclor-1221	8.10	U	8.10	21.4	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	21.4	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	21.4	ug/kg
12672-29-6	Aroclor-1248	9.90	U	9.90	21.4	ug/kg
11097-69-1	Aroclor-1254	3.40	U	3.40	21.4	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	21.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	21.4	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	21.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		30 (32) - 150 (144)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		30 (32) - 150 (175)	99%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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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

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **P5299**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO108361.D	PIBLK-PO108361.D	Tetrachloro-m-xylene	1	20	23.0	115		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.6	118		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.6	108		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.6	118		70 (60)	130 (140)
I.BLK-PO108624.D	PIBLK-PO108624.D	Tetrachloro-m-xylene	1	20	20.4	102		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	20.2	101		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.3	107		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.4	117		70 (60)	130 (140)
PB165703BL	PB165703BL	Tetrachloro-m-xylene	1	20	18.9	94		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.2	96		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.5	98		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.0	110		30 (32)	150 (175)
PB165703BS	PB165703BS	Tetrachloro-m-xylene	1	20	17.7	89		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.3	96		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	18.4	92		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.3	112		30 (32)	150 (175)
P5299-01	SB-01	Tetrachloro-m-xylene	1	20	21.6	108		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.0	95		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.7	113		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.9	109		30 (32)	150 (175)
P5299-02	SB-02	Tetrachloro-m-xylene	1	20	21.2	106		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	18.9	94		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.3	111		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.8	109		30 (32)	150 (175)
P5299-03	SB-01	Tetrachloro-m-xylene	1	20	19.8	99		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	15.2	76		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.8	104		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	17.5	88		30 (32)	150 (175)
P5299-04	SB-02	Tetrachloro-m-xylene	1	20	19.8	99		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	17.1	85		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.7	103		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	19.7	99		30 (32)	150 (175)
P5306-01MS	OU4-VSL-07-121224MS	Tetrachloro-m-xylene	1	20	22.4	112		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	23.8	119		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	23.1	115		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	27.4	137		30 (32)	150 (175)
P5306-01MSD	OU4-VSL-07-121224MSD	Tetrachloro-m-xylene	1	20	22.5	112		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.6	103		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	23.3	117		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	23.9	119		30 (32)	150 (175)
I.BLK-PO108639.D	PIBLK-PO108639.D	Tetrachloro-m-xylene	1	20	20.5	103		70 (60)	130 (140)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: P5299

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO108639.D	PIBLK-PO108639.D	Decachlorobiphenyl	1	20	20.3	102		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	21.5	108		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	24.1	121		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5299

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO108632.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: OU4-VSL-07-121224MS												
P5306-01MS	AR1016	183.3	0	239	ug/kg	130				40 (55)	140 (146)	
	AR1260	183.3	0	242	ug/kg	132				40 (45)	140 (144)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P5299

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO108633.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: OU4-VSL-07-121224MSD												
P5306-01MSD	AR1016	183.2	0	229	ug/kg	125		4		40 (55)	140 (146)	30 (20)
	AR1260	183.2	0	220	ug/kg	120		10		40 (45)	140 (144)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5299

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PO108626.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165703BS	AR1016	166.6	159	ug/kg	95				40 (71)	140 (120)		
	AR1260	166.6	165	ug/kg	99				40 (65)	140 (130)		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165703BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: P5299

SAS No.: P5299 SDG NO.: P5299

Lab Sample ID: PB165703BL

Lab File ID: PO108625.D

Matrix: (soil/water) Solid

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 12/18/2024

Date Analyzed (1): 12/18/2024

Date Analyzed (2): 12/18/2024

Time Analyzed (1): 16:18

Time Analyzed (2): 16:18

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
PB165703BS	PB165703BS	PO108626.D	12/18/2024	12/18/2024
SB-01	P5299-01	PO108627.D	12/18/2024	12/18/2024
SB-02	P5299-02	PO108628.D	12/18/2024	12/18/2024
SB-01	P5299-03	PO108629.D	12/18/2024	12/18/2024
SB-02	P5299-04	PO108630.D	12/18/2024	12/18/2024
OU4-VSL-07-121224MS	P5306-01MS	PO108632.D	12/18/2024	12/18/2024
OU4-VSL-07-121224MSD	P5306-01MSD	PO108633.D	12/18/2024	12/18/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB165703BL		SDG No.:	P5299	
Lab Sample ID:	PB165703BL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108625.D	1	12/18/24 08:10	12/18/24 16:18	PB165703

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	19.5		30 (32) - 150 (144)	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		30 (32) - 150 (175)	110%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	12/06/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	12/06/24	
Client Sample ID:	PIBLK-PO108361.D		SDG No.:	P5299	
Lab Sample ID:	I.BLK-PO108361.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
PO108361.D	1		12/06/24	PO120624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		70 (60) - 130 (140)	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		70 (60) - 130 (140)	118%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	12/18/24	
Project:	Amtrak Sawtooth Bridges 2024		Date Received:	12/18/24	
Client Sample ID:	PIBLK-PO108624.D		SDG No.:	P5299	
Lab Sample ID:	I.BLK-PO108624.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
PO108624.D	1		12/18/24	PO121824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		70 (60) - 130 (140)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.2		70 (60) - 130 (140)	101%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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:	12/18/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/18/24
Client Sample ID:	PIBLK-PO108639.D	SDG No.:	P5299
Lab Sample ID:	I.BLK-PO108639.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
PO108639.D	1		12/18/24	PO121824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		70 (60) - 130 (140)	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		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:		
Project:	Amtrak Sawtooth Bridges 2024		Date Received:		
Client Sample ID:	PB165703BS		SDG No.:	P5299	
Lab Sample ID:	PB165703BS		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
PO108626.D	1	12/18/24 08:10	12/18/24 16:36	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	159		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	165		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		30 (32) - 150 (144)	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.3		30 (32) - 150 (175)	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:	12/12/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224MS	SDG No.:	P5299
Lab Sample ID:	P5306-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108632.D	1	12/18/24 08:10	12/18/24 18:26	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	239		3.70	18.7	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.7	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.7	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.7	ug/kg
12672-29-6	Aroclor-1248	8.70	U	8.70	18.7	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.7	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.7	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.7	ug/kg
11096-82-5	Aroclor-1260	242		3.20	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.1		30 (32) - 150 (144)	115%	SPK: 20
2051-24-3	Decachlorobiphenyl	27.4		30 (32) - 150 (175)	137%	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:	12/12/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224MSD	SDG No.:	P5299
Lab Sample ID:	P5306-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.8
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
PO108633.D	1	12/18/24 08:10	12/18/24 18:44	PB165703

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	229		3.70	18.7	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.7	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.7	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.7	ug/kg
12672-29-6	Aroclor-1248	8.70	U	8.70	18.7	ug/kg
11097-69-1	Aroclor-1254	3.00	U	3.00	18.7	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.7	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.7	ug/kg
11096-82-5	Aroclor-1260	220		3.20	18.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.3		30 (32) - 150 (144)	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		30 (32) - 150 (175)	119%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.79	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.71	3.71	3.71	3.71	3.71	3.71	3.61	3.81

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Calibration Times: 14:19 22:34

ID: 0.32 (mm)

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.74	8.74	8.74	8.74	8.74	8.74	8.64	8.84
Tetrachloro-m-xylene	3.71	3.71	3.71	3.71	3.71	3.71	3.61	3.81

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** P5299 **SAS No.:** P5299 **SDG NO.:** P5299

Instrument ID: ECD_O **Calibration Date(s):** 12/06/2024 12/06/2024
Calibration Times: 14:19 22:34

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

LAB FILE ID:		CF 1000 = <u>PO108362.D</u>		CF 750 = <u>PO108363.D</u>			
CF 500 = <u>PO108364.D</u>		CF 250 = <u>PO108365.D</u>		CF 050 = <u>PO108366.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	291946997	297743768	310620664	319628964	322276700	4
Aroclor-1016-2	(2)	404548343	410201719	419086158	434302728	418957120	3
Aroclor-1016-3	(3)	276313882	283350735	295214768	305005424	303271420	4
Aroclor-1016-4	(4)	219460370	224028880	231955104	239248200	241192240	4
Aroclor-1016-5	(5)	230837381	238568924	249276722	260302648	279364560	8
Aroclor-1260-1	(1)	430087746	435401064	458150304	486996644	475087940	5
Aroclor-1260-2	(2)	526959551	526383048	555764632	590931960	578558580	5
Aroclor-1260-3	(3)	436965341	443883275	464184392	487588856	485769460	5
Aroclor-1260-4	(4)	403312630	406530869	426472890	444299896	446086500	5
Aroclor-1260-5	(5)	957132439	955503789	984649950	1000570432	961557080	2
Decachlorobiphenyl		7019975940	7102279760	7343195240	7645101200	7409935200	3
Tetrachloro-m-xylene		8754554380	8783699800	8926447760	8858353120	8177601800	3
Aroclor-1242-1	(1)	247125512	244458381	250566506	269052152	275422740	5
Aroclor-1242-2	(2)	337820704	332549081	339649972	356992284	358797680	3
Aroclor-1242-3	(3)	232389462	228960781	237971694	251417972	255318460	5
Aroclor-1242-4	(4)	184244210	179103536	186955244	196540012	206728220	6
Aroclor-1242-5	(5)	194011522	194743607	197474576	218140108	233983940	9
Decachlorobiphenyl		7151632520	7167100640	7259242160	7695082840	7616154000	4
Tetrachloro-m-xylene		8921368150	8691850413	8750108140	8842570400	8500038400	2
Aroclor-1248-1	(1)	180443308	190883876	199902132	213303984	216831760	8
Aroclor-1248-2	(2)	246301061	262357348	276907834	298582396	301778920	9
Aroclor-1248-3	(3)	307776547	326479597	342321706	362333244	366087160	7
Aroclor-1248-4	(4)	437732929	457834677	479474244	502800428	504795820	6
Aroclor-1248-5	(5)	308766537	323271540	339143702	357998428	363873980	7
Decachlorobiphenyl		7041971050	7340001867	7677772660	8334328560	8377267200	8
Tetrachloro-m-xylene		8742483090	9116744787	9342439560	9446963040	8577776400	4
Aroclor-1254-1	(1)	463230517	487037587	512031514	533861324	572040640	8
Aroclor-1254-2	(2)	407035308	429134731	452892530	476390932	511836900	9
Aroclor-1254-3	(3)	665923649	695083201	726473802	743208540	769953480	6
Aroclor-1254-4	(4)	404280854	421077525	444268156	458648100	465789400	6
Aroclor-1254-5	(5)	578915300	604639081	636092894	662542188	693421140	7
Decachlorobiphenyl		7146512650	7451889427	7845842200	8029803560	8289288000	6
Tetrachloro-m-xylene		8916956510	9205112240	9483653100	9313097600	8995829000	3
Aroclor-1268-1	(1)	1246089127	1198545457	1234114434	1276827264	1264498100	2

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1144198522	1088520925	1112229462	1147435628	1115923840	1121661675	2
Aroclor-1268-3	(3)	940965396	832346444	919340748	953365360	884986220	906200834	5
Aroclor-1268-4	(4)	385949324	370268229	384086808	404665236	389544200	386902759	3
Aroclor-1268-5	(5)	2890019913	2756282528	2773652360	2815336668	2624622080	2771982710	4
Decachlorobiphenyl		13116054520	12684928373	12985206200	13660251040	13550255000	13199339027	3
Tetrachloro-m-xylene		9439924600	8926085107	9366220020	9585299080	8679584000	9199422561	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Instrument ID: ECD_O

Calibration Date(s): 12/06/2024 12/06/2024

Calibration Times: 14:19 22:34

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

LAB FILE ID:		CF 1000 = <u>PO108362.D</u>		CF 750 = <u>PO108363.D</u>			
CF 500 = <u>PO108364.D</u>		CF 250 = <u>PO108365.D</u>		CF 050 = <u>PO108366.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	153895169	156728372	161981056	169073964	160692820	160474276
Aroclor-1016-2	(2)	216342839	218481491	224728354	232664856	218246400	222092788
Aroclor-1016-3	(3)	120117826	122069885	126984464	131660600	128335340	125833623
Aroclor-1016-4	(4)	96843518	100727947	106065160	112123848	108269060	104805907
Aroclor-1016-5	(5)	124135109	128707045	133919966	139473364	149819760	135211049
Aroclor-1260-1	(1)	220557751	224688929	233372252	247245708	244312440	234035416
Aroclor-1260-2	(2)	265498816	268435476	278836448	291165028	298902840	280567722
Aroclor-1260-3	(3)	247895049	250737920	258985508	271036448	289186460	263568277
Aroclor-1260-4	(4)	206205103	207830825	214807128	221847076	213061100	212750246
Aroclor-1260-5	(5)	485216265	483370987	491130416	498849136	461100640	483933489
Decachlorobiphenyl		3766442770	3798929547	3925647180	4081005080	3802565400	3874917995
Tetrachloro-m-xylene		5125815400	5157614040	5227779180	5235220160	4600485000	5069382756
Aroclor-1242-1	(1)	129471703	129065633	132661290	141454628	146186400	135767931
Aroclor-1242-2	(2)	181117644	180316532	183263990	191612732	190980420	185458264
Aroclor-1242-3	(3)	100948316	100485531	102947708	108518220	114012140	105382383
Aroclor-1242-4	(4)	100375229	100398940	104407974	111868140	119593080	107328673
Aroclor-1242-5	(5)	119243844	118999972	122020908	130935164	140800680	126400114
Decachlorobiphenyl		3837824030	3881889067	3932164520	4142632320	3981873600	3955276707
Tetrachloro-m-xylene		5175637870	5056121747	5062590080	5077379040	4694060200	5013157787
Aroclor-1248-1	(1)	96151235	101173276	106208356	111512520	110549280	105118933
Aroclor-1248-2	(2)	134456241	142517627	150226096	159660040	159777460	149327493
Aroclor-1248-3	(3)	143332101	151082947	159714030	169070604	168858280	158411592
Aroclor-1248-4	(4)	168393487	177299203	184813874	193701216	188544620	182550480
Aroclor-1248-5	(5)	162171392	168228800	176144562	182809080	188663420	175603451
Decachlorobiphenyl		3812249930	3973614533	4145380680	4445118560	4295672800	4134407301
Tetrachloro-m-xylene		4965646150	5143987440	5236574340	5255843080	4633325600	5047075322
Aroclor-1254-1	(1)	245816740	256457156	269229946	279215328	303441080	270832050
Aroclor-1254-2	(2)	215464605	225390397	238770420	248817564	271658880	240020373
Aroclor-1254-3	(3)	351887512	364509791	380441060	386791796	393925500	375511132
Aroclor-1254-4	(4)	202983022	209924784	220508360	226093392	228876240	217677160
Aroclor-1254-5	(5)	301571990	312619885	327015726	332817532	339773740	322759775
Decachlorobiphenyl		3941299730	4071714027	4258931580	4374402200	4331619600	4195593427
Tetrachloro-m-xylene		5092418740	5228867107	5367266300	5227916200	4998387200	5182971109
Aroclor-1268-1	(1)	656711077	629047555	645909990	662020976	635929760	645923872

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	598855523	573599667	581583226	594062960	559533920	581527059	3
Aroclor-1268-3	(3)	514109640	473779721	502419092	515326152	488714860	498869893	4
Aroclor-1268-4	(4)	204541613	194882907	202546298	212150808	201074520	203039229	3
Aroclor-1268-5	(5)	1554458685	1488724905	1492118486	1500575756	1388253260	1484826218	4
Decachlorobiphenyl		7216327300	6964723040	7142803680	7406390760	7194775600	7185004076	2
Tetrachloro-m-xylene		5353757740	5060175947	5259788400	5326606440	4764065600	5152878825	5

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Instrument ID: ECD_O Date(s) Analyzed: 12/06/2024 12/06/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.93	3.83	4.03	113144000
		2	4.01	3.91	4.11	86720400
		3	4.09	3.99	4.19	254206000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.09	3.99	4.19	204770000
		2	4.59	4.49	4.69	114353000
		3	4.83	4.73	4.93	197477000
		4	5.01	4.91	5.11	108380000
		5	5.05	4.95	5.15	78329400
Aroclor-1262	500	1	6.87	6.77	6.97	658396000
		2	7.37	7.27	7.47	1111710000
		3	7.65	7.55	7.75	436856000
		4	7.72	7.62	7.82	806298000
		5	8.22	8.12	8.32	354936000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Instrument ID: ECD_O Date(s) Analyzed: 12/06/2024 12/06/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.92	3.82	4.02	62122600
		2	4.01	3.91	4.11	47445000
		3	4.08	3.98	4.18	140587000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.08	3.98	4.18	112052000
		2	4.82	4.72	4.92	105754000
		3	4.99	4.89	5.09	60347200
		4	5.08	4.98	5.18	55556400
		5	5.25	5.15	5.35	57576200
Aroclor-1262	500	1	6.84	6.74	6.94	337974000
		2	7.34	7.24	7.44	571854000
		3	7.62	7.52	7.72	224428000
		4	7.69	7.59	7.79	409588000
		5	8.18	8.08	8.28	184828000

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Continuing Calib Date: 12/18/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 14:46 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.80	4.81	4.71	4.91	0.01
Aroclor-1016-2	(2)	4.82	4.83	4.73	4.93	0.01
Aroclor-1016-3	(3)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-4	(4)	5.00	5.01	4.91	5.11	0.01
Aroclor-1016-5	(5)	5.26	5.27	5.17	5.37	0.01
Aroclor-1260-1	(1)	6.30	6.31	6.21	6.41	0.01
Aroclor-1260-2	(2)	6.49	6.50	6.40	6.60	0.01
Aroclor-1260-3	(3)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-4	(4)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-5	(5)	7.36	7.37	7.27	7.47	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Continuing Calib Date: 12/18/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 14:46 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-2	(2)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.03	5.04	4.94	5.14	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.46	6.47	6.37	6.57	0.01
Aroclor-1260-3	(3)	6.62	6.63	6.53	6.73	0.01
Aroclor-1260-4	(4)	7.09	7.10	7.00	7.20	0.01
Aroclor-1260-5	(5)	7.33	7.34	7.24	7.44	0.01
Tetrachloro-m-xylene		3.70	3.71	3.61	3.81	0.01
Decachlorobiphenyl		8.72	8.74	8.64	8.84	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL01 Date Analyzed: 12/18/2024

Lab Sample No.: AR1660CCC500 Data File : PO108620.D Time Analyzed: 14:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.802	4.709	4.909	474.580	500.000	-5.1
Aroclor-1016-2	4.822	4.729	4.929	475.440	500.000	-4.9
Aroclor-1016-3	4.878	4.785	4.985	475.580	500.000	-4.9
Aroclor-1016-4	4.999	4.907	5.107	474.750	500.000	-5.1
Aroclor-1016-5	5.257	5.165	5.365	473.130	500.000	-5.4
Aroclor-1260-1	6.300	6.210	6.410	455.930	500.000	-8.8
Aroclor-1260-2	6.489	6.398	6.598	462.940	500.000	-7.4
Aroclor-1260-3	6.859	6.769	6.969	466.590	500.000	-6.7
Aroclor-1260-4	7.119	7.029	7.229	461.520	500.000	-7.7
Aroclor-1260-5	7.360	7.270	7.470	462.190	500.000	-7.6
Decachlorobiphenyl	8.775	8.691	8.891	44.110	50.000	-11.8
Tetrachloro-m-xylene	3.706	3.610	3.810	48.140	50.000	-3.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL01 Date Analyzed: 12/18/2024

Lab Sample No.: AR1660CCC500 Data File : PO108620.D Time Analyzed: 14:46

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.790	4.698	4.898	530.530	500.000	6.1
Aroclor-1016-2	4.810	4.718	4.918	527.700	500.000	5.5
Aroclor-1016-3	4.986	4.894	5.094	521.780	500.000	4.4
Aroclor-1016-4	5.027	4.935	5.135	514.400	500.000	2.9
Aroclor-1016-5	5.241	5.150	5.350	524.590	500.000	4.9
Aroclor-1260-1	6.276	6.186	6.386	524.770	500.000	5.0
Aroclor-1260-2	6.462	6.373	6.573	525.150	500.000	5.0
Aroclor-1260-3	6.616	6.527	6.727	523.700	500.000	4.7
Aroclor-1260-4	7.089	7.000	7.200	541.420	500.000	8.3
Aroclor-1260-5	7.328	7.239	7.439	546.360	500.000	9.3
Decachlorobiphenyl	8.724	8.641	8.841	50.970	50.000	1.9
Tetrachloro-m-xylene	3.703	3.608	3.808	52.590	50.000	5.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Continuing Calib Date: 12/18/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 20:04 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.80	4.81	4.71	4.91	0.01
Aroclor-1016-2	(2)	4.82	4.83	4.73	4.93	0.01
Aroclor-1016-3	(3)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-4	(4)	5.00	5.01	4.91	5.11	0.01
Aroclor-1016-5	(5)	5.26	5.27	5.17	5.37	0.01
Aroclor-1260-1	(1)	6.30	6.31	6.21	6.41	0.01
Aroclor-1260-2	(2)	6.49	6.50	6.40	6.60	0.01
Aroclor-1260-3	(3)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-4	(4)	7.12	7.13	7.03	7.23	0.01
Aroclor-1260-5	(5)	7.36	7.37	7.27	7.47	0.01
Tetrachloro-m-xylene		3.71	3.71	3.61	3.81	0.00
Decachlorobiphenyl		8.78	8.79	8.69	8.89	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Continuing Calib Date: 12/18/2024 Initial Calibration Date(s): 12/06/2024 12/06/2024

Continuing Calib Time: 20:04 Initial Calibration Time(s): 14:19 22:34

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-2	(2)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.03	5.04	4.94	5.14	0.01
Aroclor-1016-5	(5)	5.24	5.25	5.15	5.35	0.01
Aroclor-1260-1	(1)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-2	(2)	6.46	6.47	6.37	6.57	0.01
Aroclor-1260-3	(3)	6.62	6.63	6.53	6.73	0.01
Aroclor-1260-4	(4)	7.09	7.10	7.00	7.20	0.01
Aroclor-1260-5	(5)	7.33	7.34	7.24	7.44	0.01
Tetrachloro-m-xylene		3.70	3.71	3.61	3.81	0.01
Decachlorobiphenyl		8.73	8.74	8.64	8.84	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL02 Date Analyzed: 12/18/2024

Lab Sample No.: AR1660CCC500 Data File : PO108635.D Time Analyzed: 20:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.803	4.709	4.909	498.640	500.000	-0.3
Aroclor-1016-2	4.823	4.729	4.929	505.570	500.000	1.1
Aroclor-1016-3	4.879	4.785	4.985	503.330	500.000	0.7
Aroclor-1016-4	5.000	4.907	5.107	503.810	500.000	0.8
Aroclor-1016-5	5.258	5.165	5.365	505.700	500.000	1.1
Aroclor-1260-1	6.301	6.210	6.410	488.870	500.000	-2.2
Aroclor-1260-2	6.490	6.398	6.598	489.350	500.000	-2.1
Aroclor-1260-3	6.859	6.769	6.969	496.430	500.000	-0.7
Aroclor-1260-4	7.119	7.029	7.229	491.890	500.000	-1.6
Aroclor-1260-5	7.360	7.270	7.470	495.310	500.000	-0.9
Decachlorobiphenyl	8.775	8.691	8.891	46.280	50.000	-7.4
Tetrachloro-m-xylene	3.706	3.610	3.810	50.760	50.000	1.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 12/06/2024 12/06/2024

Client Sample No.: CCAL02 Date Analyzed: 12/18/2024

Lab Sample No.: AR1660CCC500 Data File : PO108635.D Time Analyzed: 20:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.791	4.698	4.898	552.620	500.000	10.5
Aroclor-1016-2	4.811	4.718	4.918	552.950	500.000	10.6
Aroclor-1016-3	4.986	4.894	5.094	541.900	500.000	8.4
Aroclor-1016-4	5.028	4.935	5.135	532.940	500.000	6.6
Aroclor-1016-5	5.242	5.150	5.350	555.680	500.000	11.1
Aroclor-1260-1	6.277	6.186	6.386	553.460	500.000	10.7
Aroclor-1260-2	6.463	6.373	6.573	552.480	500.000	10.5
Aroclor-1260-3	6.617	6.527	6.727	553.540	500.000	10.7
Aroclor-1260-4	7.089	7.000	7.200	574.670	500.000	14.9
Aroclor-1260-5	7.329	7.239	7.439	580.680	500.000	16.1
Decachlorobiphenyl	8.725	8.641	8.841	54.120	50.000	8.2
Tetrachloro-m-xylene	3.704	3.608	3.808	55.170	50.000	10.3

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P5299
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 12/06/2024 12/06/2024

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	12/06/2024	14:01	PO108361.D	8.79	3.71
AR1660ICC1000	AR1660ICC1000	12/06/2024	14:19	PO108362.D	8.79	3.71
AR1660ICC750	AR1660ICC750	12/06/2024	14:38	PO108363.D	8.79	3.71
AR1660ICC500	AR1660ICC500	12/06/2024	14:56	PO108364.D	8.79	3.71
AR1660ICC250	AR1660ICC250	12/06/2024	15:14	PO108365.D	8.79	3.71
AR1660ICC050	AR1660ICC050	12/06/2024	15:33	PO108366.D	8.79	3.71
AR1221ICC500	AR1221ICC500	12/06/2024	15:51	PO108367.D	8.79	3.71
AR1232ICC500	AR1232ICC500	12/06/2024	16:09	PO108368.D	8.79	3.71
AR1242ICC1000	AR1242ICC1000	12/06/2024	16:28	PO108369.D	8.79	3.71
AR1242ICC750	AR1242ICC750	12/06/2024	16:46	PO108370.D	8.79	3.71
AR1242ICC500	AR1242ICC500	12/06/2024	17:04	PO108371.D	8.79	3.71
AR1242ICC250	AR1242ICC250	12/06/2024	17:23	PO108372.D	8.79	3.71
AR1242ICC050	AR1242ICC050	12/06/2024	17:41	PO108373.D	8.79	3.71
AR1248ICC1000	AR1248ICC1000	12/06/2024	17:59	PO108374.D	8.79	3.71
AR1248ICC750	AR1248ICC750	12/06/2024	18:18	PO108375.D	8.79	3.71
AR1248ICC500	AR1248ICC500	12/06/2024	18:36	PO108376.D	8.79	3.71
AR1248ICC250	AR1248ICC250	12/06/2024	18:54	PO108377.D	8.79	3.71
AR1248ICC050	AR1248ICC050	12/06/2024	19:13	PO108378.D	8.79	3.71
AR1254ICC1000	AR1254ICC1000	12/06/2024	19:31	PO108379.D	8.79	3.71
AR1254ICC750	AR1254ICC750	12/06/2024	19:49	PO108380.D	8.79	3.71
AR1254ICC500	AR1254ICC500	12/06/2024	20:08	PO108381.D	8.79	3.71
AR1254ICC250	AR1254ICC250	12/06/2024	20:26	PO108382.D	8.79	3.71
AR1254ICC050	AR1254ICC050	12/06/2024	20:44	PO108383.D	8.79	3.71
AR1262ICC500	AR1262ICC500	12/06/2024	21:03	PO108384.D	8.79	3.71
AR1268ICC1000	AR1268ICC1000	12/06/2024	21:21	PO108385.D	8.79	3.71
AR1268ICC750	AR1268ICC750	12/06/2024	21:39	PO108386.D	8.79	3.71
AR1268ICC500	AR1268ICC500	12/06/2024	21:58	PO108387.D	8.79	3.71
AR1268ICC250	AR1268ICC250	12/06/2024	22:16	PO108388.D	8.79	3.71
AR1268ICC050	AR1268ICC050	12/06/2024	22:34	PO108389.D	8.79	3.71
AR1660CCC500	AR1660CCC500	12/18/2024	14:46	PO108620.D	8.78	3.71
IBLK	IBLK	12/18/2024	15:59	PO108624.D	8.78	3.71
PB165703BL	PB165703BL	12/18/2024	16:18	PO108625.D	8.78	3.71
PB165703BS	PB165703BS	12/18/2024	16:36	PO108626.D	8.78	3.71
SB-01	P5299-01	12/18/2024	16:54	PO108627.D	8.78	3.71
SB-02	P5299-02	12/18/2024	17:13	PO108628.D	8.78	3.71
SB-01	P5299-03	12/18/2024	17:31	PO108629.D	8.78	3.71
SB-02	P5299-04	12/18/2024	17:49	PO108630.D	8.77	3.71
OU4-VSL-07-121224MS	P5306-01MS	12/18/2024	18:26	PO108632.D	8.78	3.71
OU4-VSL-07-121224MSD	P5306-01MSD	12/18/2024	18:44	PO108633.D	8.78	3.71
AR1660CCC500	AR1660CCC500	12/18/2024	20:04	PO108635.D	8.78	3.71
IBLK	IBLK	12/18/2024	21:17	PO108639.D	8.78	3.71

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: P5299
Project: Amtrak Sawtooth Bridges 2024	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 12/06/2024 12/06/2024

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	12/06/2024	14:01	PO108361.D	8.74	3.71
AR1660ICC1000	AR1660ICC1000	12/06/2024	14:19	PO108362.D	8.74	3.71
AR1660ICC750	AR1660ICC750	12/06/2024	14:38	PO108363.D	8.74	3.71
AR1660ICC500	AR1660ICC500	12/06/2024	14:56	PO108364.D	8.74	3.71
AR1660ICC250	AR1660ICC250	12/06/2024	15:14	PO108365.D	8.74	3.71
AR1660ICC050	AR1660ICC050	12/06/2024	15:33	PO108366.D	8.74	3.71
AR1221ICC500	AR1221ICC500	12/06/2024	15:51	PO108367.D	8.74	3.71
AR1232ICC500	AR1232ICC500	12/06/2024	16:09	PO108368.D	8.74	3.71
AR1242ICC1000	AR1242ICC1000	12/06/2024	16:28	PO108369.D	8.74	3.71
AR1242ICC750	AR1242ICC750	12/06/2024	16:46	PO108370.D	8.74	3.71
AR1242ICC500	AR1242ICC500	12/06/2024	17:04	PO108371.D	8.74	3.71
AR1242ICC250	AR1242ICC250	12/06/2024	17:23	PO108372.D	8.74	3.71
AR1242ICC050	AR1242ICC050	12/06/2024	17:41	PO108373.D	8.74	3.71
AR1248ICC1000	AR1248ICC1000	12/06/2024	17:59	PO108374.D	8.74	3.71
AR1248ICC750	AR1248ICC750	12/06/2024	18:18	PO108375.D	8.74	3.71
AR1248ICC500	AR1248ICC500	12/06/2024	18:36	PO108376.D	8.74	3.71
AR1248ICC250	AR1248ICC250	12/06/2024	18:54	PO108377.D	8.74	3.71
AR1248ICC050	AR1248ICC050	12/06/2024	19:13	PO108378.D	8.74	3.71
AR1254ICC1000	AR1254ICC1000	12/06/2024	19:31	PO108379.D	8.74	3.71
AR1254ICC750	AR1254ICC750	12/06/2024	19:49	PO108380.D	8.74	3.71
AR1254ICC500	AR1254ICC500	12/06/2024	20:08	PO108381.D	8.74	3.71
AR1254ICC250	AR1254ICC250	12/06/2024	20:26	PO108382.D	8.74	3.71
AR1254ICC050	AR1254ICC050	12/06/2024	20:44	PO108383.D	8.74	3.71
AR1262ICC500	AR1262ICC500	12/06/2024	21:03	PO108384.D	8.74	3.71
AR1268ICC1000	AR1268ICC1000	12/06/2024	21:21	PO108385.D	8.74	3.71
AR1268ICC750	AR1268ICC750	12/06/2024	21:39	PO108386.D	8.74	3.71
AR1268ICC500	AR1268ICC500	12/06/2024	21:58	PO108387.D	8.74	3.71
AR1268ICC250	AR1268ICC250	12/06/2024	22:16	PO108388.D	8.74	3.71
AR1268ICC050	AR1268ICC050	12/06/2024	22:34	PO108389.D	8.74	3.71
AR1660CCC500	AR1660CCC500	12/18/2024	14:46	PO108620.D	8.72	3.70
IBLK	IBLK	12/18/2024	15:59	PO108624.D	8.73	3.70
PB165703BL	PB165703BL	12/18/2024	16:18	PO108625.D	8.73	3.70
PB165703BS	PB165703BS	12/18/2024	16:36	PO108626.D	8.73	3.70
SB-01	P5299-01	12/18/2024	16:54	PO108627.D	8.73	3.70
SB-02	P5299-02	12/18/2024	17:13	PO108628.D	8.73	3.70
SB-01	P5299-03	12/18/2024	17:31	PO108629.D	8.73	3.70
SB-02	P5299-04	12/18/2024	17:49	PO108630.D	8.73	3.70
OU4-VSL-07-121224MS	P5306-01MS	12/18/2024	18:26	PO108632.D	8.73	3.70
OU4-VSL-07-121224MSD	P5306-01MSD	12/18/2024	18:44	PO108633.D	8.73	3.70
AR1660CCC500	AR1660CCC500	12/18/2024	20:04	PO108635.D	8.73	3.70
IBLK	IBLK	12/18/2024	21:17	PO108639.D	8.73	3.70

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB165703BS

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Lab Sample ID: PB165703BS Date(s) Analyzed: 12/18/2024 12/18/2024

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 PO108626.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.803	4.753	4.853	147	147	7.84
COLUMN 1	2	4.823	4.773	4.873	150		
	3	4.878	4.828	4.928	147		
	4	5	4.95	5.05	147		
	5	5.258	5.208	5.308	142		
	1	4.791	4.741	4.841	161		
COLUMN 2	2	4.81	4.76	4.86	163	159	
	3	4.986	4.936	5.036	159		
	4	5.027	4.977	5.077	157		
	5	5.241	5.191	5.291	154		
Aroclor-1260	1	6.301	6.251	6.351	150	141	15.69
COLUMN 1	2	6.49	6.44	6.54	153		
	3	6.858	6.808	6.908	131		
	4	7.119	7.069	7.169	133		
	5	7.361	7.311	7.411	135		
	1	6.276	6.226	6.326	170		
COLUMN 2	2	6.462	6.412	6.512	171	165	
	3	6.616	6.566	6.666	171		
	4	7.089	7.039	7.139	154		
	5	7.328	7.278	7.378	157		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OU4-VSL-07-121224MS

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Lab Sample ID: P5306-01MS Date(s) Analyzed: 12/18/2024 12/18/2024

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 PO108632.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.804	4.754	4.854	223	220	8.28
COLUMN 1	2	4.823	4.773	4.873	225		
	3	4.879	4.829	4.929	220		
	4	5	4.95	5.05	220		
	5	5.258	5.208	5.308	210		
	1	4.791	4.741	4.841	245		
COLUMN 2	2	4.811	4.761	4.861	249	239	
	3	4.987	4.937	5.037	240		
	4	5.028	4.978	5.078	230		
	5	5.242	5.192	5.292	230		
Aroclor-1260	1	6.302	6.252	6.352	214	205	16.55
COLUMN 1	2	6.491	6.441	6.541	224		
	3	6.86	6.81	6.91	200		
	4	7.12	7.07	7.17	187		
	5	7.361	7.311	7.411	200		
	1	6.276	6.226	6.326	243		
COLUMN 2	2	6.463	6.413	6.513	258	242	
	3	6.617	6.567	6.667	246		
	4	7.089	7.039	7.139	220		
	5	7.329	7.279	7.379	241		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OU4-VSL-07-121224MSI

Contract: PORT06

Lab Code: CHEM Case No.: P5299 SAS No.: P5299 SDG NO.: P5299

Lab Sample ID: P5306-01MSD Date(s) Analyzed: 12/18/2024 12/18/2024

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 PO108633.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	4.803	4.753	4.853	209	210	8.66
COLUMN 1	2	4.823	4.773	4.873	213		
	3	4.878	4.828	4.928	212		
	4	5	4.95	5.05	211		
	5	5.258	5.208	5.308	204		
COLUMN 2	1	4.791	4.741	4.841	233	229	
	2	4.811	4.761	4.861	235		
	3	4.987	4.937	5.037	230		
	4	5.028	4.978	5.078	223		
	5	5.242	5.192	5.292	224		
Aroclor-1260	1	6.302	6.252	6.352	204	187	16.22
COLUMN 1	2	6.49	6.44	6.54	201		
	3	6.859	6.809	6.909	173		
	4	7.119	7.069	7.169	178		
	5	7.361	7.311	7.411	178		
COLUMN 2	1	6.276	6.226	6.326	230	220	
	2	6.463	6.413	6.513	226		
	3	6.617	6.567	6.667	229		
	4	7.09	7.04	7.14	206		
	5	7.328	7.278	7.378	208		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
 Data File : PO108627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2024 16:54
 Operator : YP/AJ
 Sample : P5299-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-01

A
B
C
D
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L

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 03:50:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.706	3.703	188.1E6	115.0E6	21.616	22.678
2) SA Decachlor...	8.775	8.725	138.6E6	84766152	18.971	21.876

Target Compounds

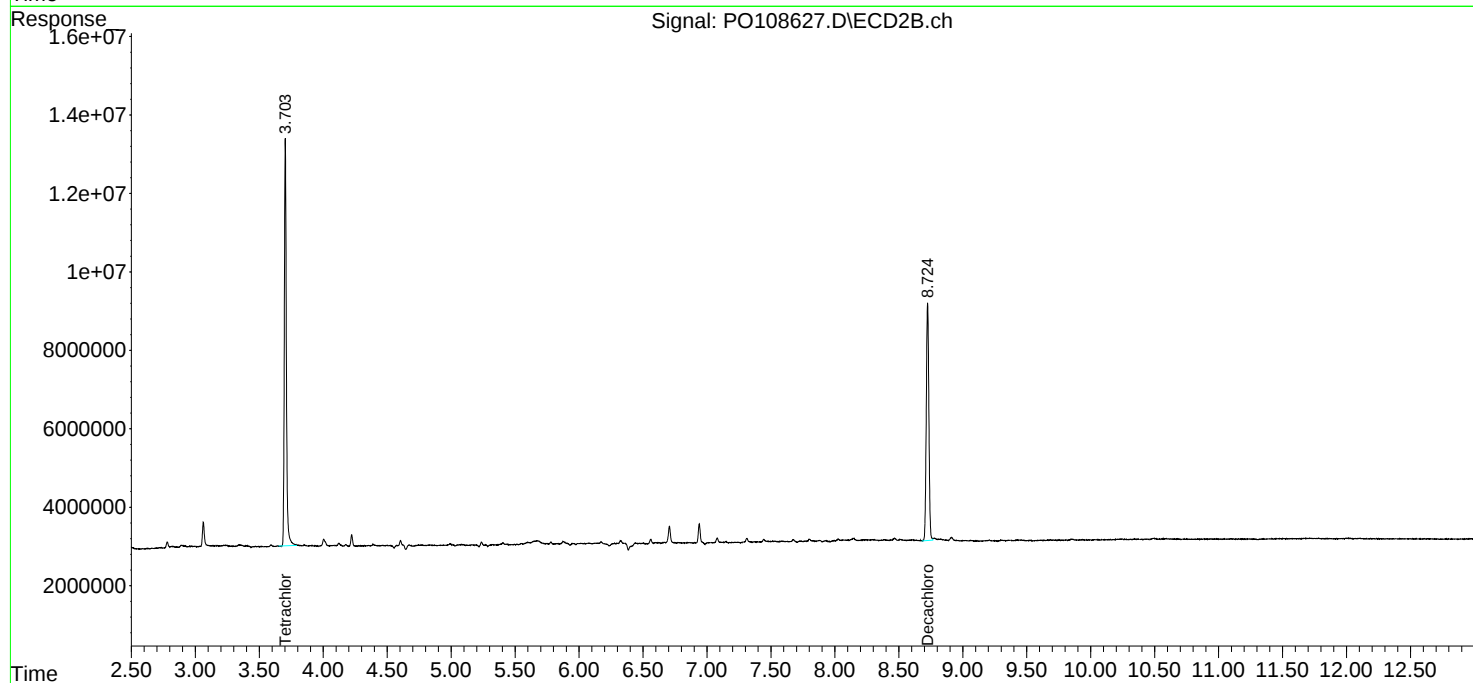
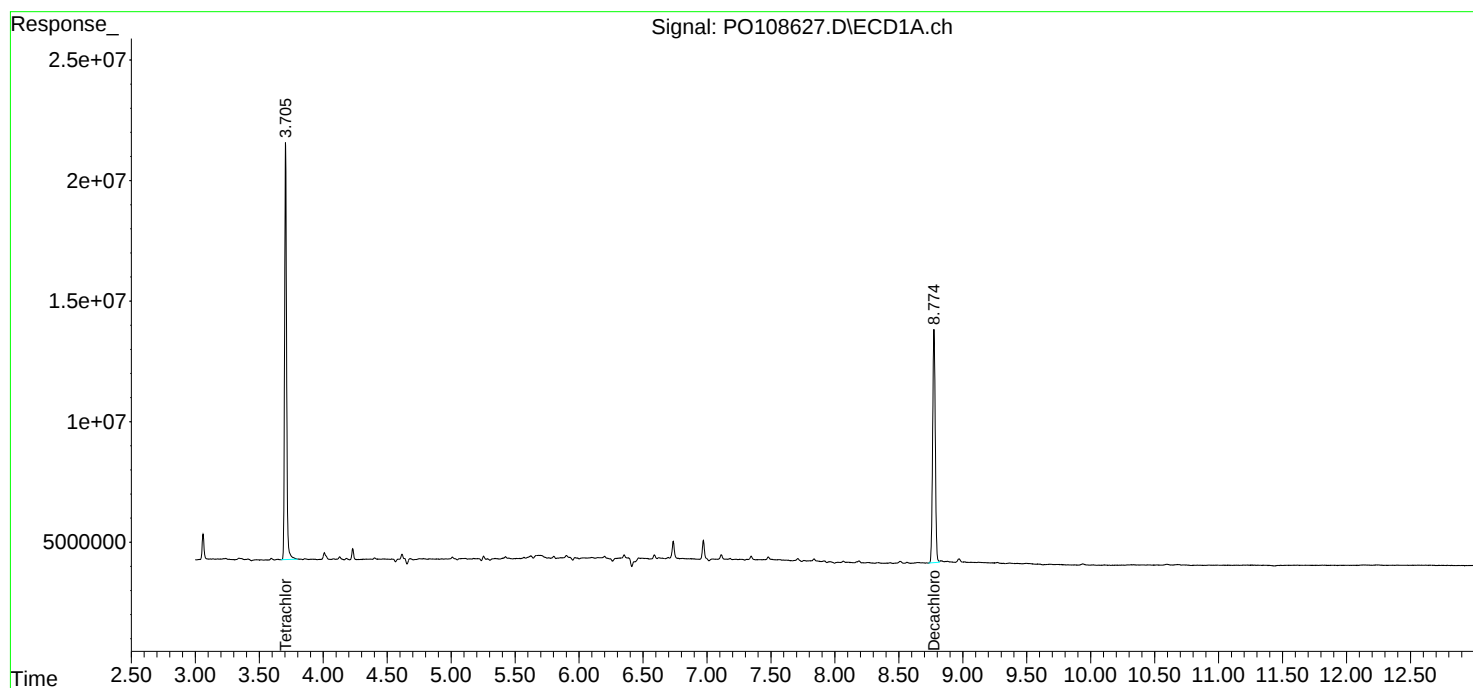
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

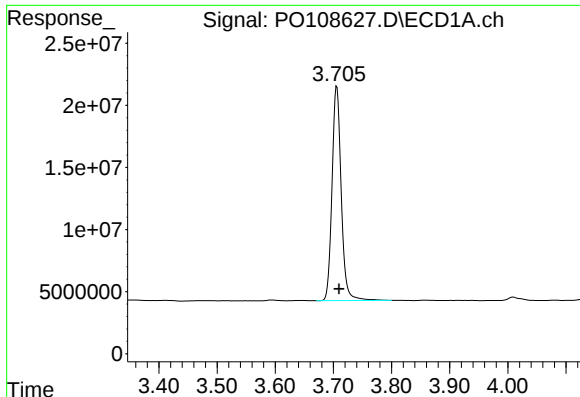
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108627.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 16:54
Operator : YP/AJ
Sample : P5299-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:50:16 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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

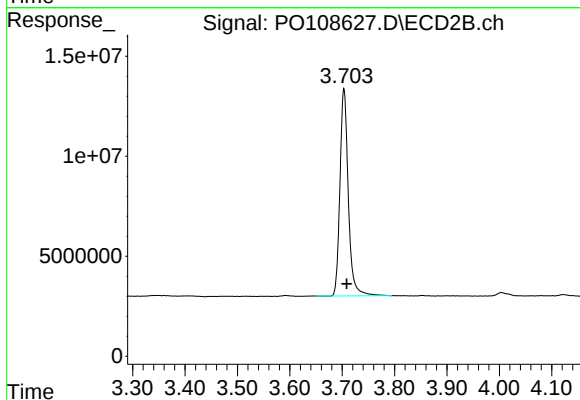




#1 Tetrachloro-m-xylene

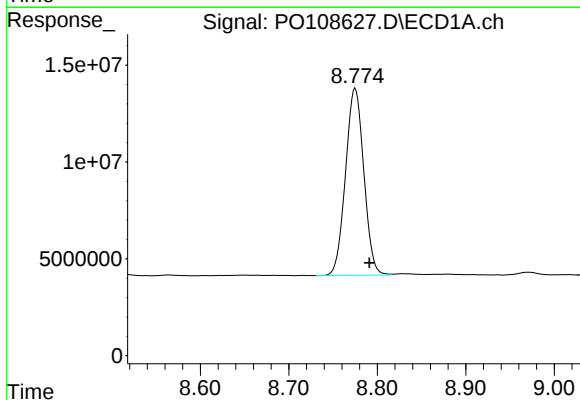
R.T.: 3.706 min
Delta R.T.: -0.004 min
Response: 188062769
Conc: 21.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-01



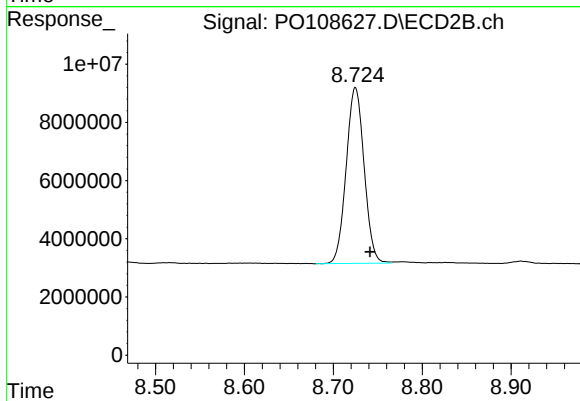
#1 Tetrachloro-m-xylene

R.T.: 3.703 min
Delta R.T.: -0.005 min
Response: 114964766
Conc: 22.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.016 min
Response: 138564228
Conc: 18.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.017 min
Response: 84766152
Conc: 21.88 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
 Data File : PO108628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2024 17:13
 Operator : YP/AJ
 Sample : P5299-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SB-02

A
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 03:50:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.706	3.703	184.1E6	112.9E6	21.161	22.262
2) SA Decachlor...	8.775	8.725	137.7E6	84602236	18.859	21.833

Target Compounds

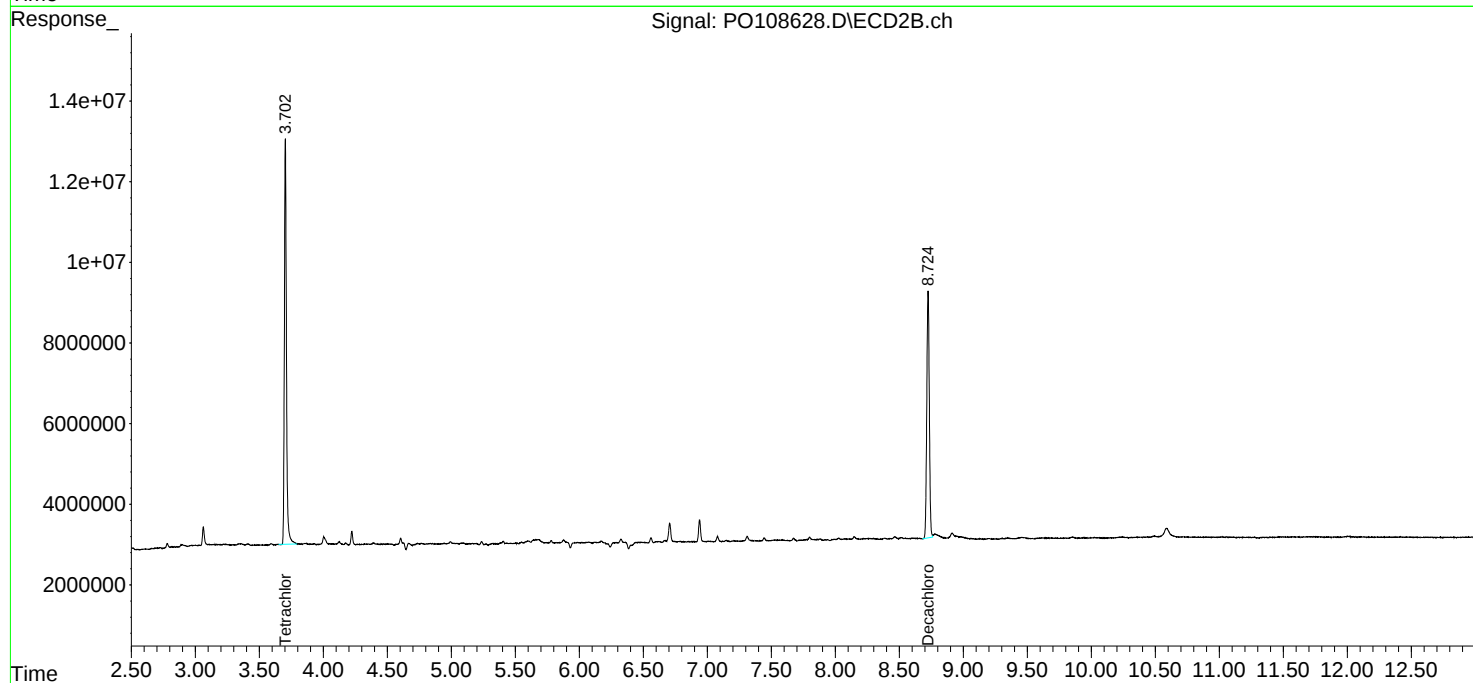
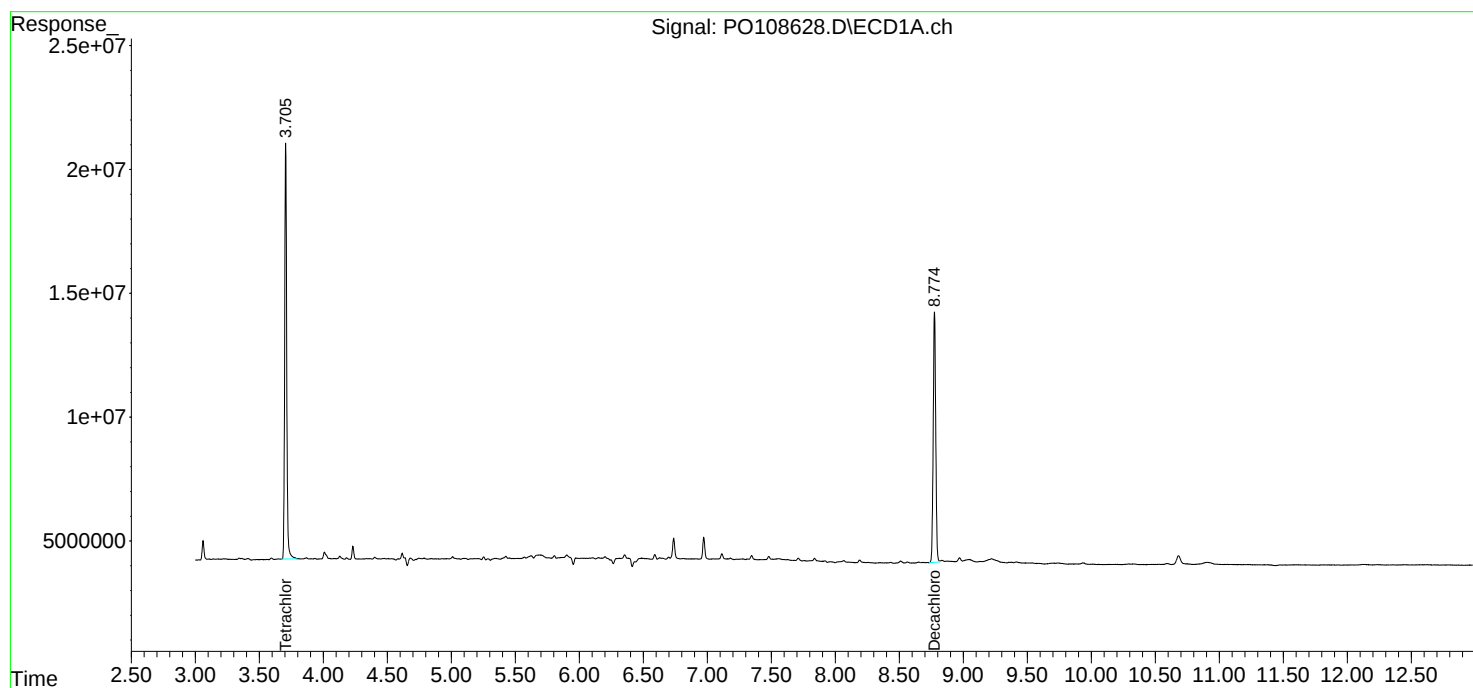
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

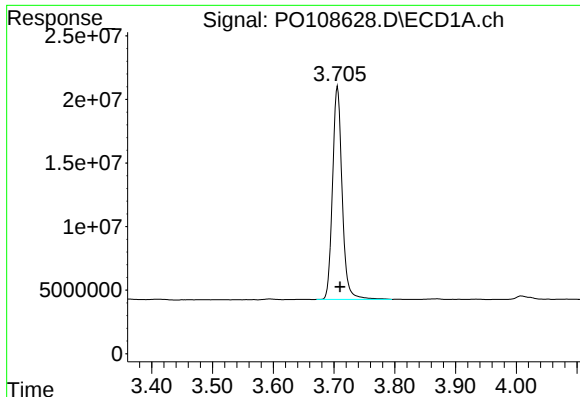
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 17:13
Operator : YP/AJ
Sample : P5299-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:50:33 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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

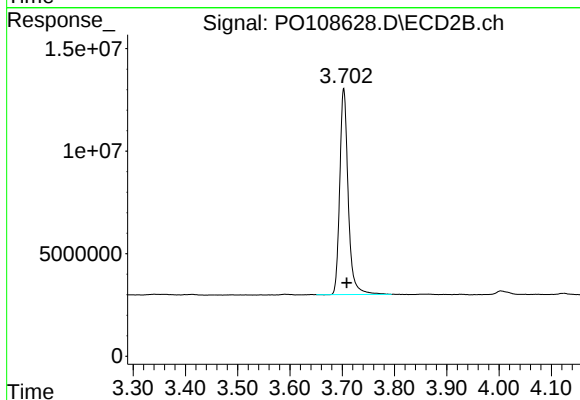




#1 Tetrachloro-m-xylene

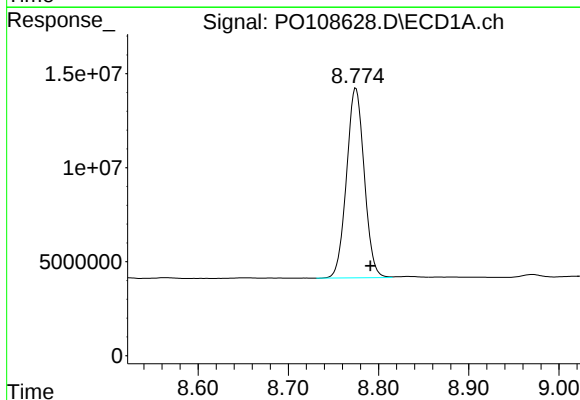
R.T.: 3.706 min
Delta R.T.: -0.004 min
Response: 184102976
Conc: 21.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-02



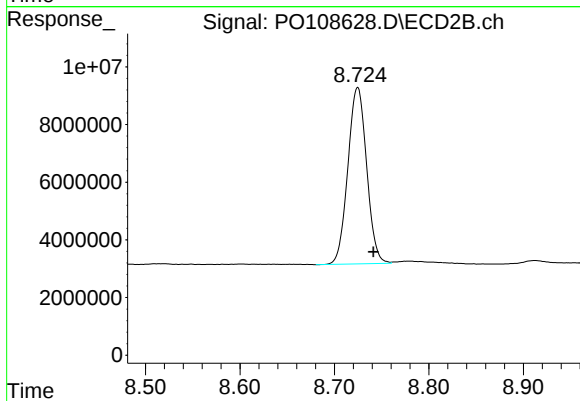
#1 Tetrachloro-m-xylene

R.T.: 3.703 min
Delta R.T.: -0.005 min
Response: 112856589
Conc: 22.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.016 min
Response: 137748934
Conc: 18.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.017 min
Response: 84602236
Conc: 21.83 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 17:31
Operator : YP/AJ
Sample : P5299-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:50:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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...	3.706	3.704	172.1E6	105.3E6	19.777	20.771
2) SA Decachlor...	8.777	8.725	111.2E6	67827390	15.219	17.504

Target Compounds

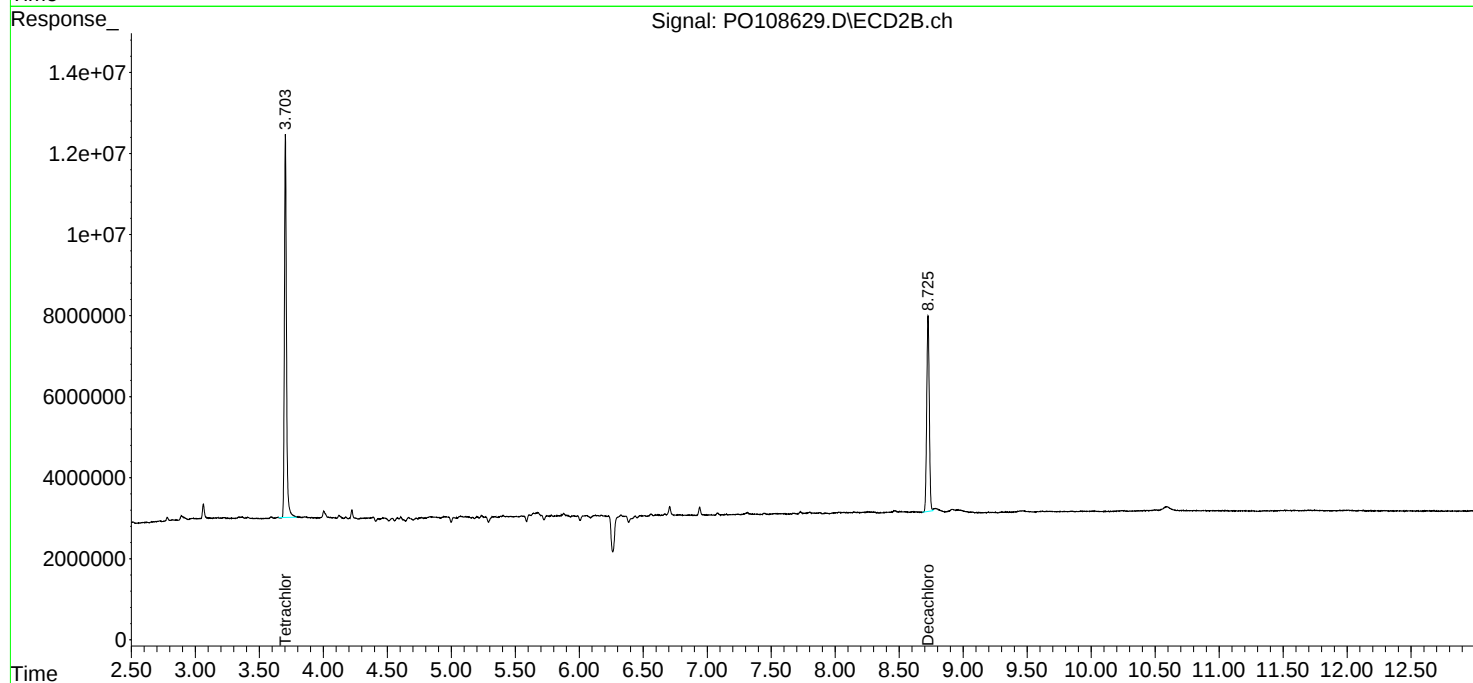
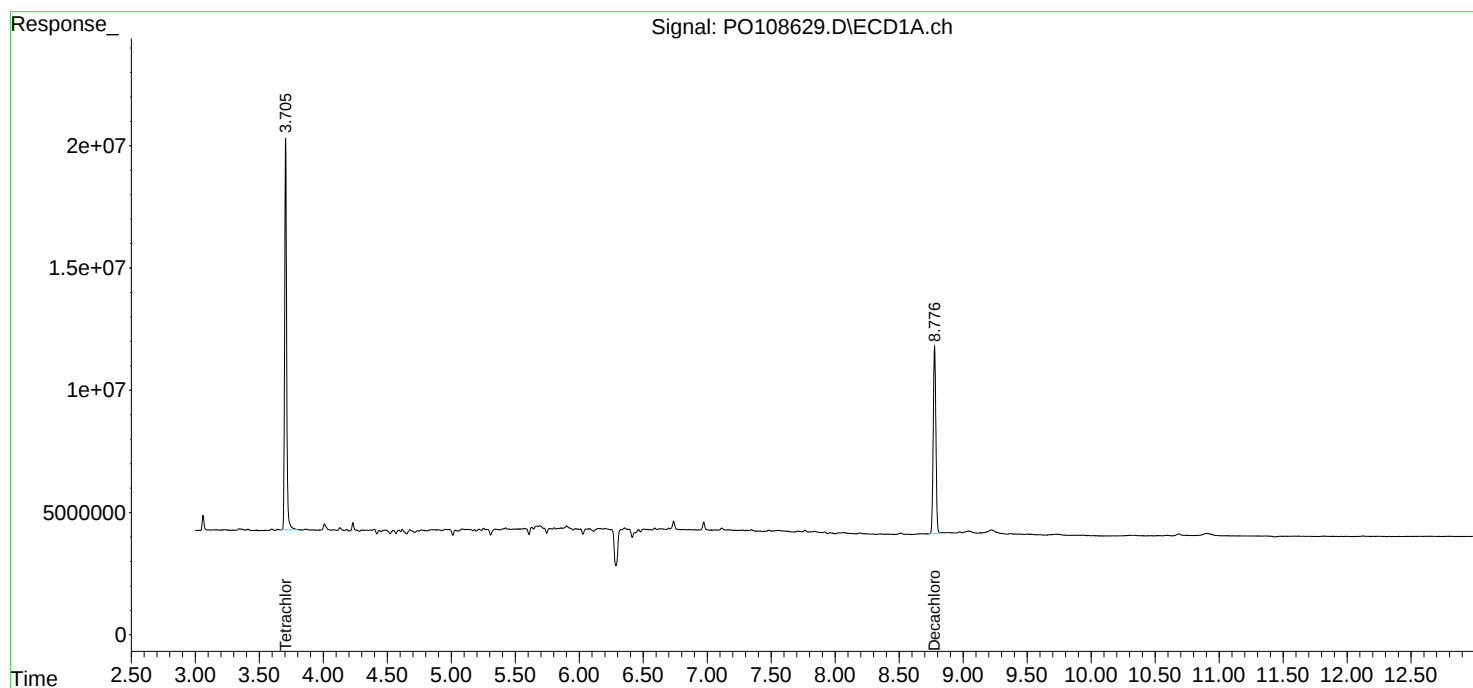
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

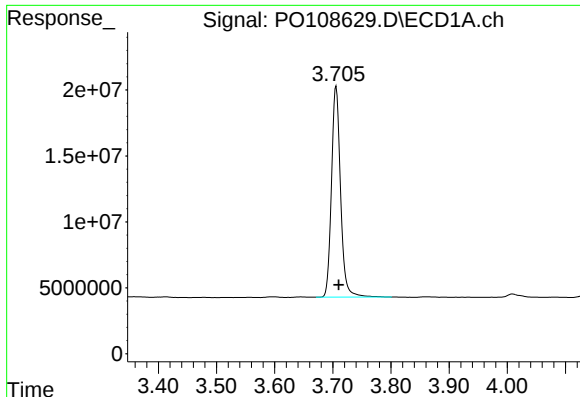
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 17:31
Operator : YP/AJ
Sample : P5299-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:50:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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

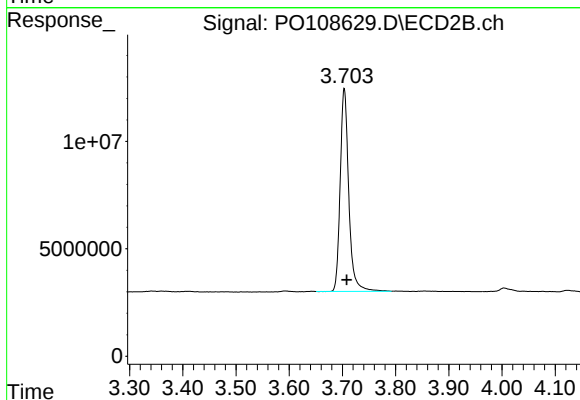




#1 Tetrachloro-m-xylene

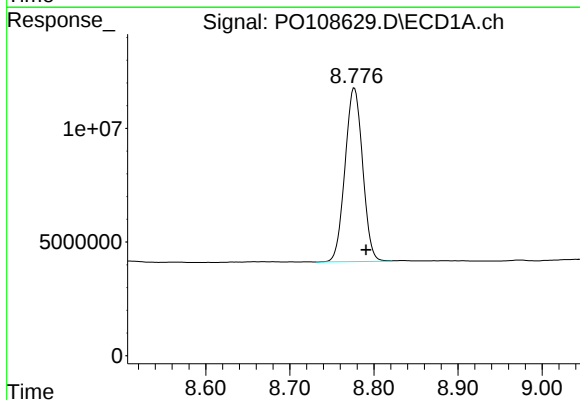
R.T.: 3.706 min
Delta R.T.: -0.004 min
Response: 172062436
Conc: 19.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-01



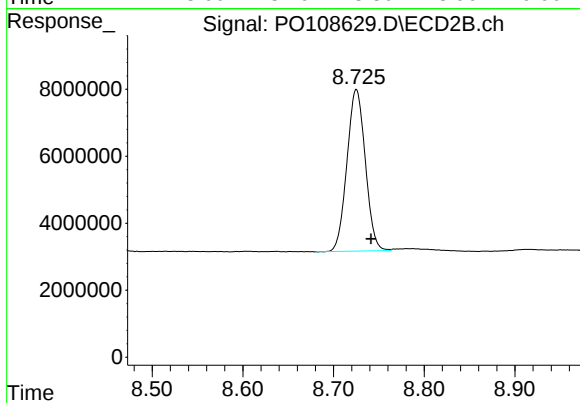
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.005 min
Response: 105296369
Conc: 20.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.777 min
Delta R.T.: -0.014 min
Response: 111162704
Conc: 15.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.016 min
Response: 67827390
Conc: 17.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108630.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 17:49
Operator : YP/AJ
Sample : P5299-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-02

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: Dec 19 03:51:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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...	3.706	3.704	172.0E6	104.8E6	19.775	20.682
2)	SA Decachlor...	8.774	8.725	124.7E6	76430467	17.070	19.724

Target Compounds

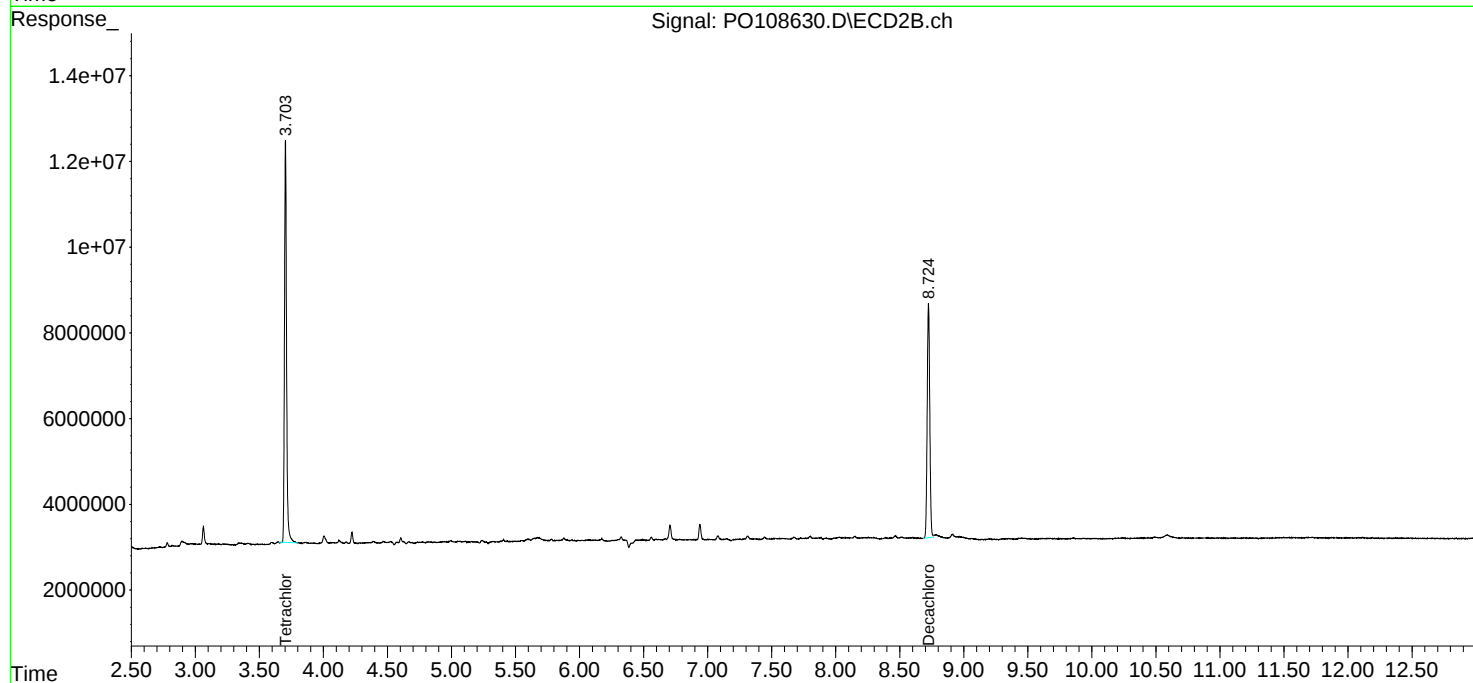
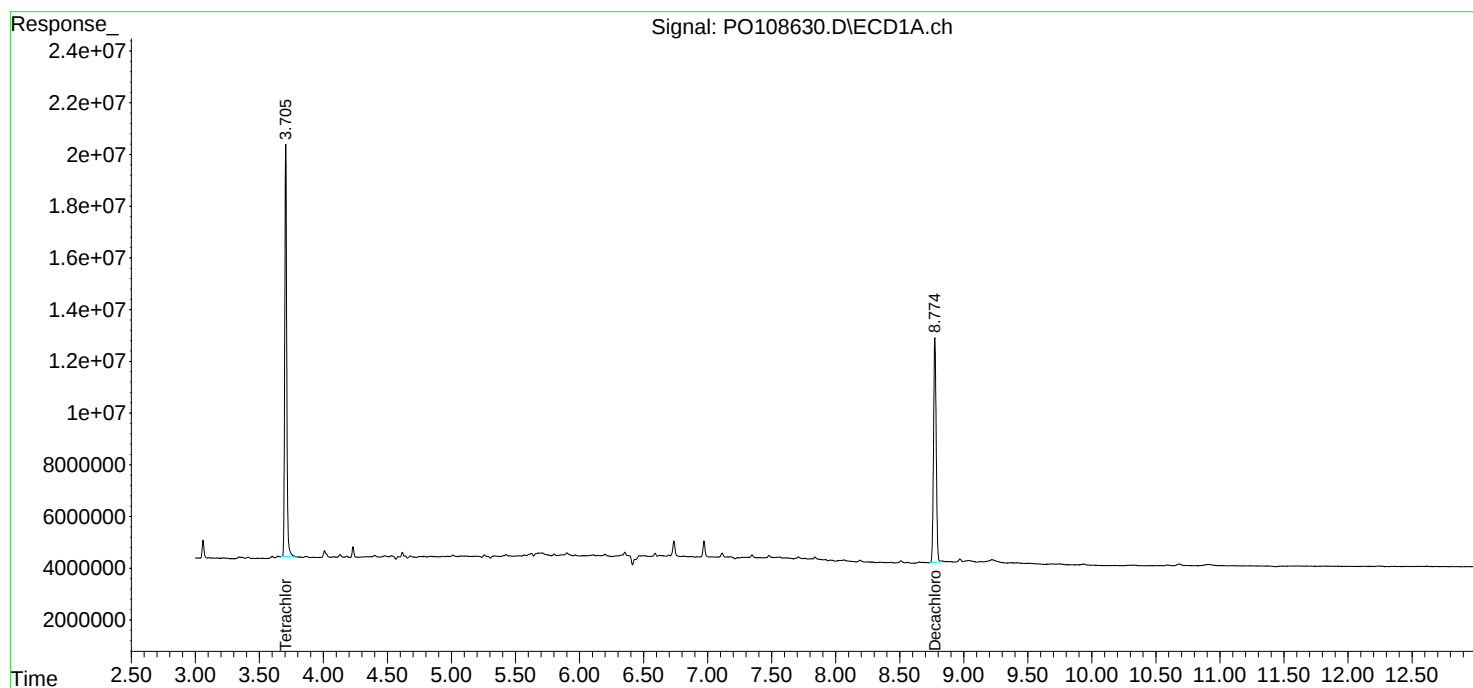
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

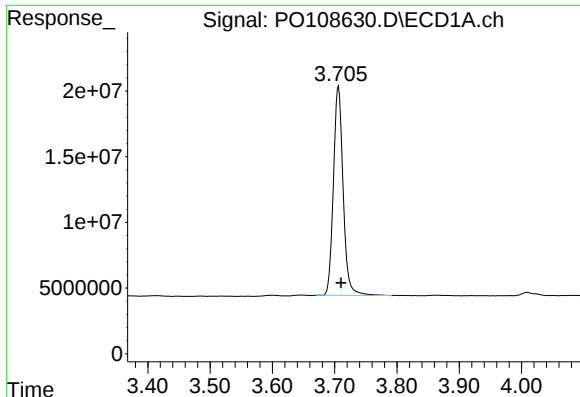
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108630.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 17:49
Operator : YP/AJ
Sample : P5299-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SB-02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:51:09 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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

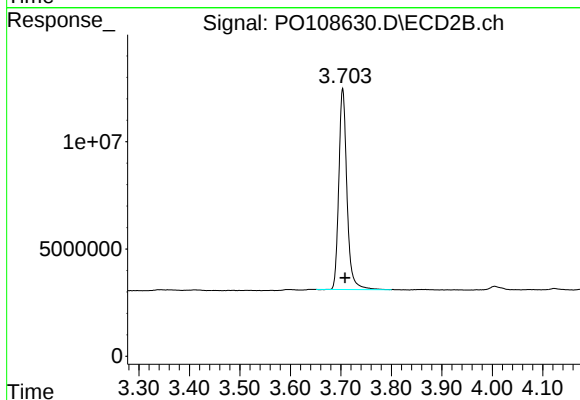




#1 Tetrachloro-m-xylene

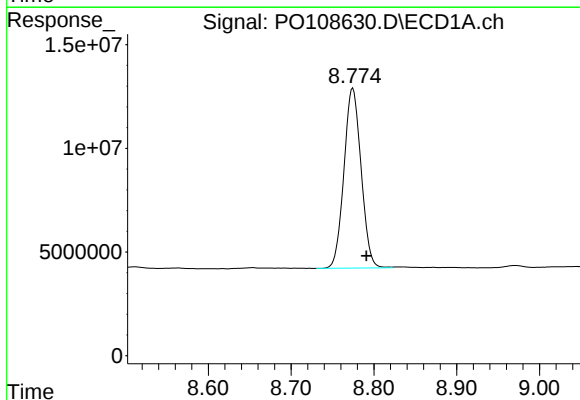
R.T.: 3.706 min
Delta R.T.: -0.004 min
Response: 172043007
Conc: 19.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
SB-02



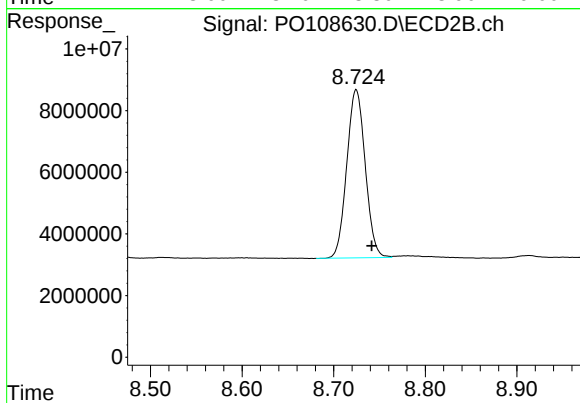
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.005 min
Response: 104845758
Conc: 20.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.016 min
Response: 124684246
Conc: 17.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.017 min
Response: 76430467
Conc: 19.72 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 16:18
Operator : YP/AJ
Sample : PB165703BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165703BL

A
B
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J
K
L

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:49:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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...	3.706	3.704	164.1E6	98982322	18.860	19.526
2) SA Decachlor...	8.776	8.725	140.0E6	85340656	19.173	22.024

Target Compounds

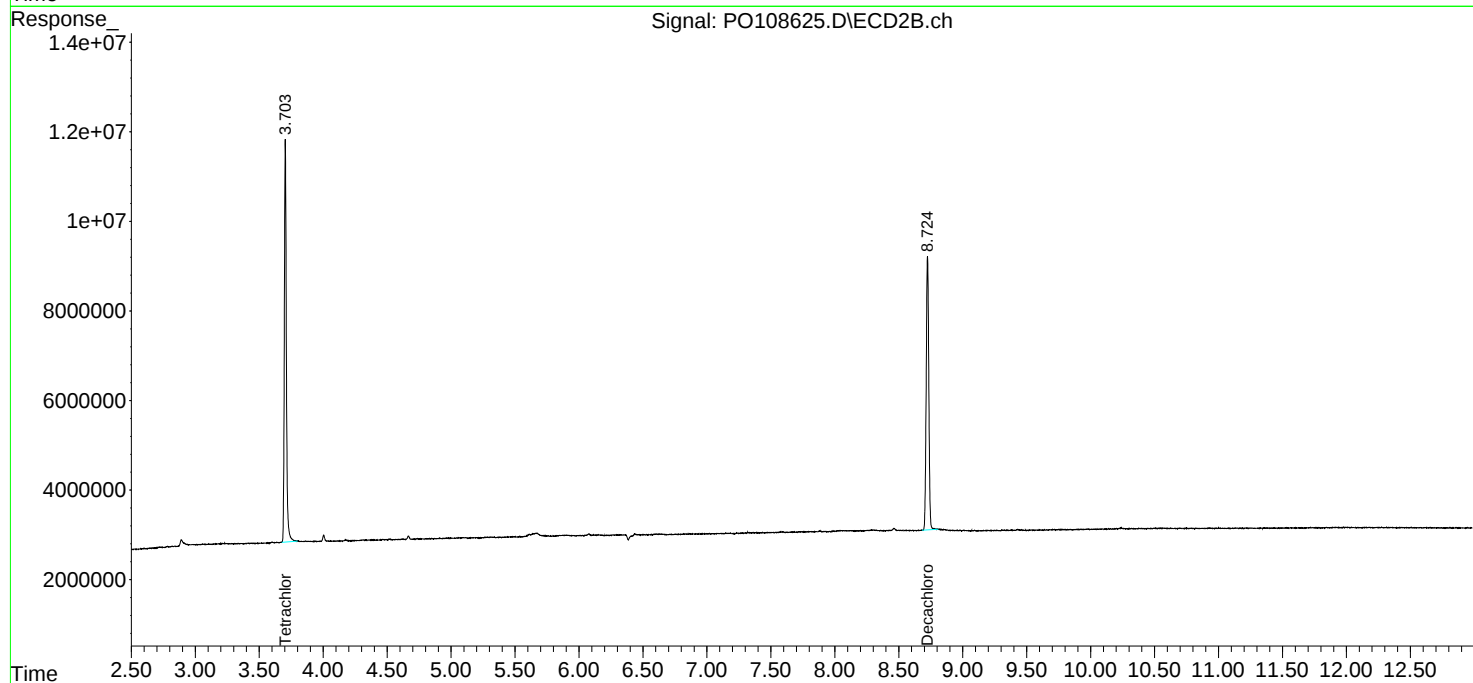
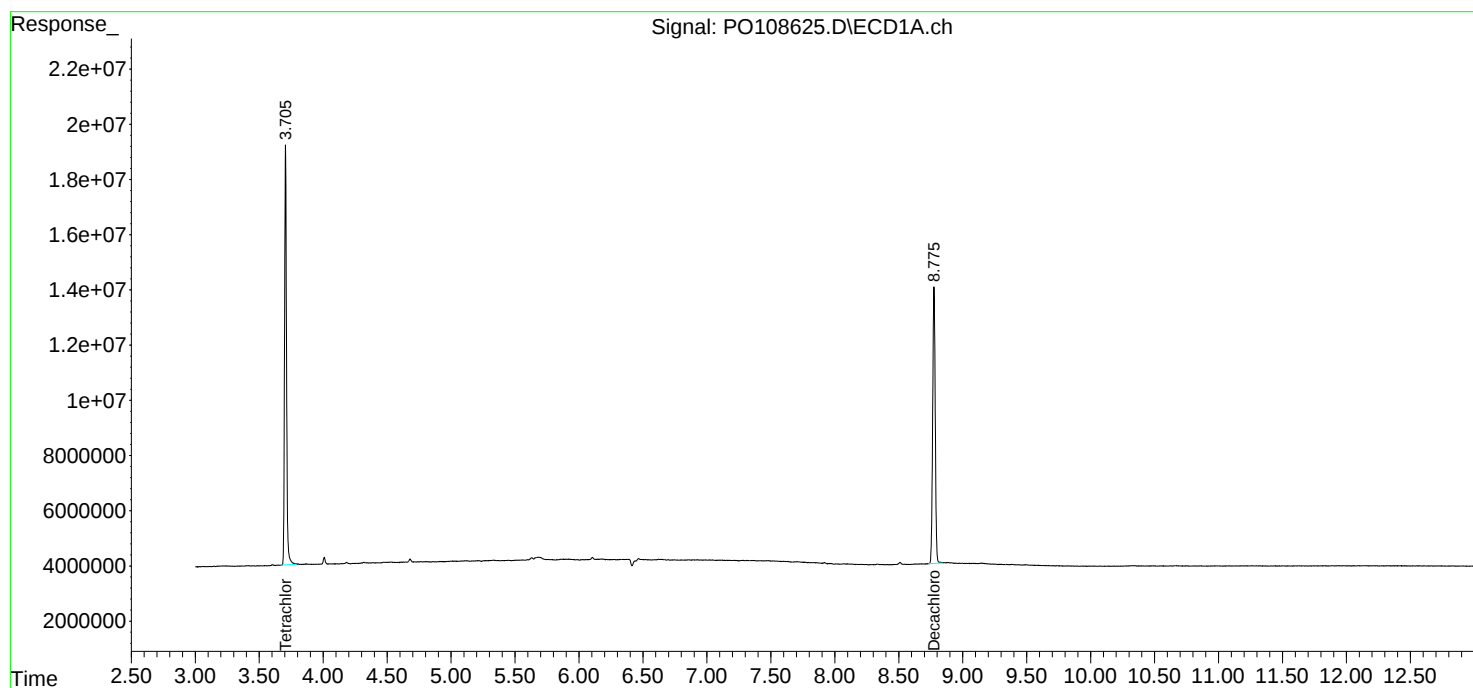
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

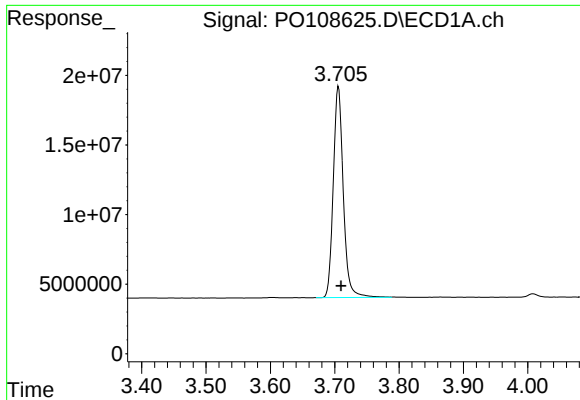
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 16:18
Operator : YP/AJ
Sample : PB165703BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165703BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:49:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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

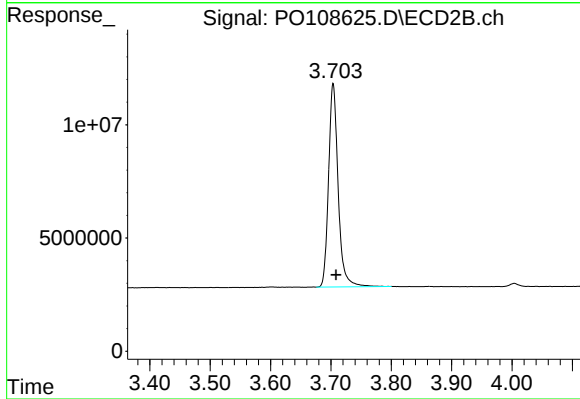




#1 Tetrachloro-m-xylene

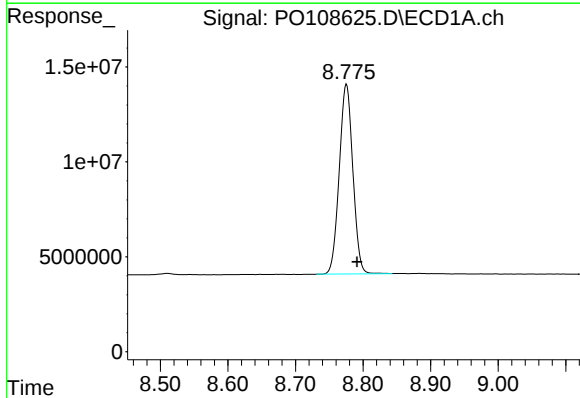
R.T.: 3.706 min
Delta R.T.: -0.004 min
Response: 164082142
Conc: 18.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB165703BL



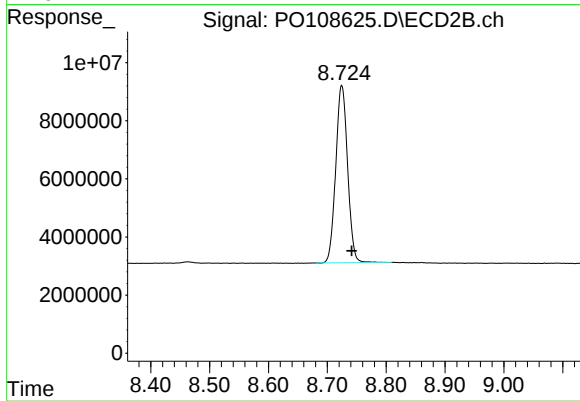
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.005 min
Response: 98982322
Conc: 19.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: -0.015 min
Response: 140044599
Conc: 19.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.725 min
Delta R.T.: -0.017 min
Response: 85340656
Conc: 22.02 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
 Data File : PO108626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2024 16:36
 Operator : YP/AJ
 Sample : PB165703BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB165703BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 03:49:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.706	3.704	154.3E6	93096265	17.737	18.364
2)	SA Decachlor...	8.775	8.725	140.7E6	86577818	19.263	22.343
Target Compounds							
3)	L1 AR-1016-1	4.803	4.791	136.0E6	77798893	441.051	484.806
4)	L1 AR-1016-2	4.823	4.810	187.8E6	108.7E6	449.913	489.289
5)	L1 AR-1016-3	4.878	4.986	128.9E6	60025100	440.619	477.020
6)	L1 AR-1016-4	5.000	5.027	101.9E6	49552079	440.715	472.799
7)	L1 AR-1016-5	5.258	5.241	107.5E6	62564735	427.252	462.719
31)	L7 AR-1260-1	6.301	6.276	206.5E6	119.1E6	451.755	509.079
32)	L7 AR-1260-2	6.490	6.462	255.4E6	144.4E6	459.667	514.713
33)	L7 AR-1260-3	6.858	6.616	181.9E6	135.1E6	392.381	512.425 #
34)	L7 AR-1260-4	7.119	7.089	170.3E6	98041604	400.446	460.830
35)	L7 AR-1260-5	7.361	7.328	394.2E6	228.5E6	405.568	472.201

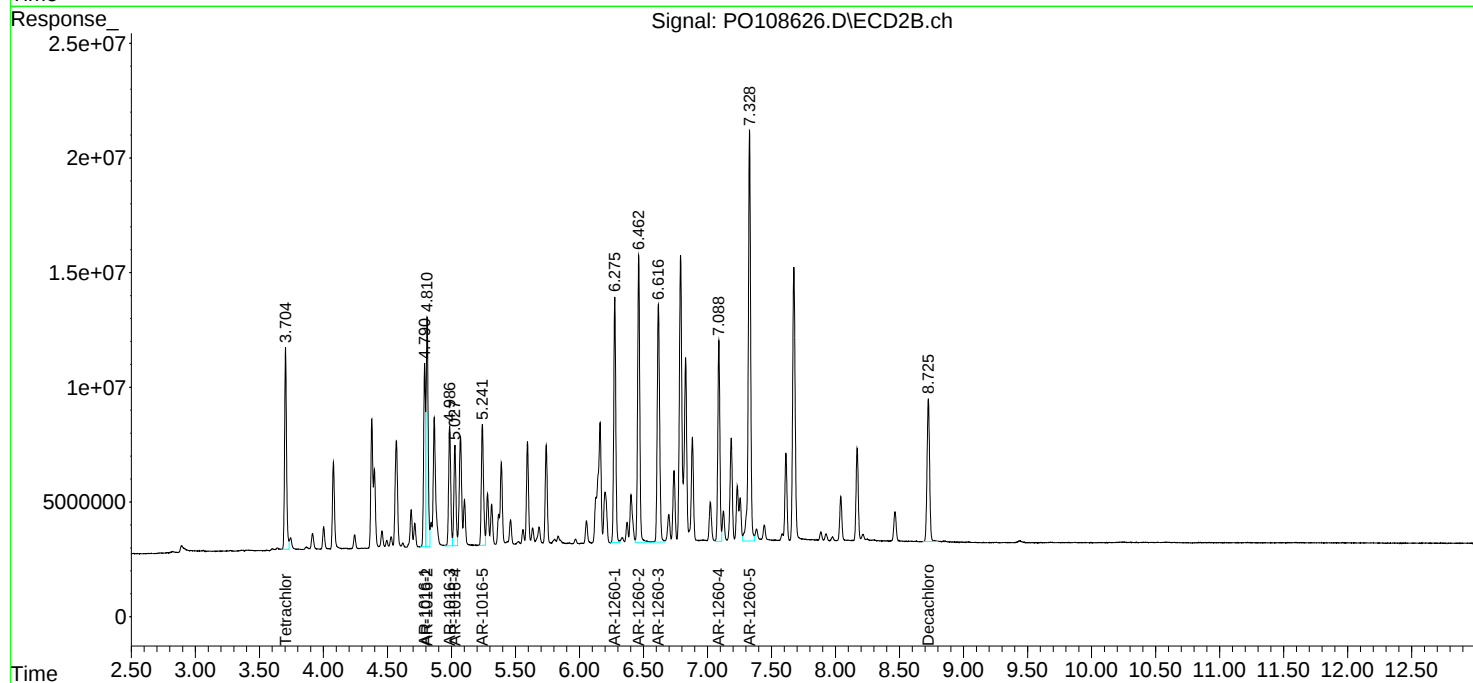
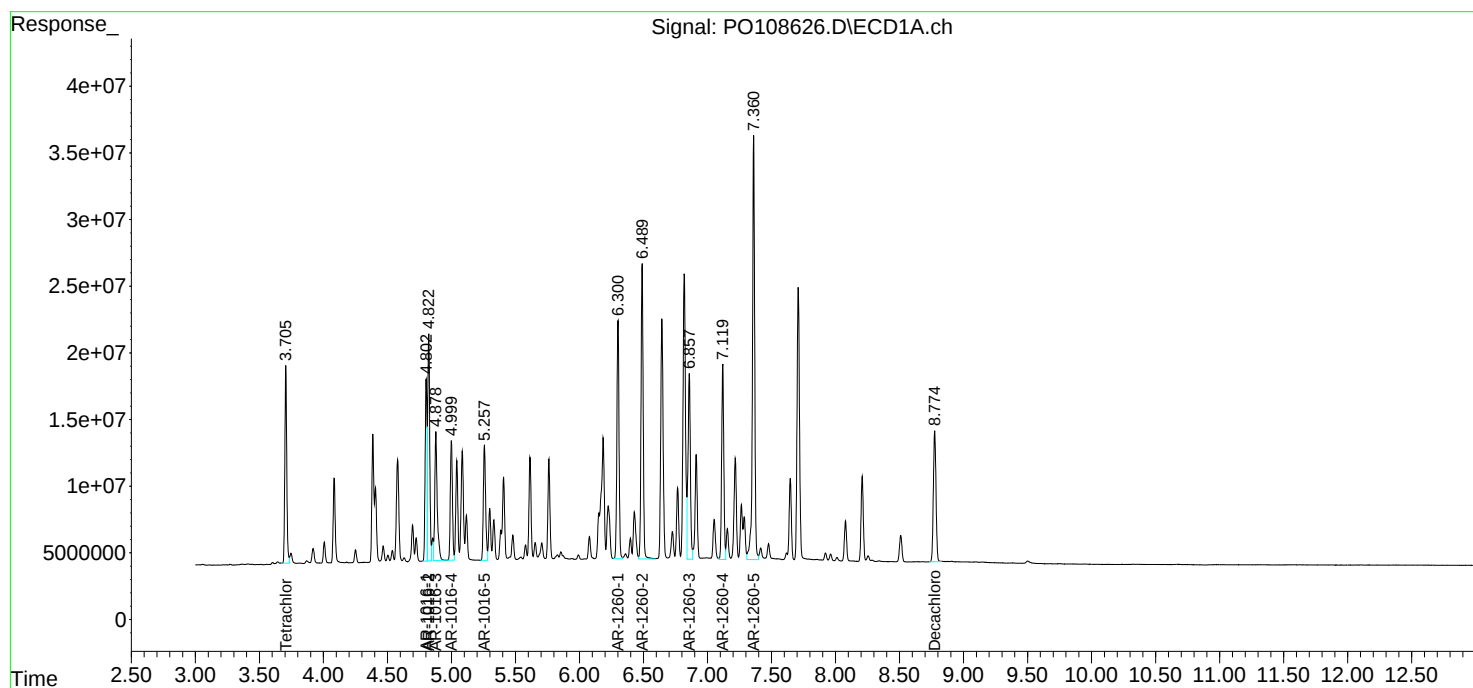
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108626.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 16:36
Operator : YP/AJ
Sample : PB165703BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB165703BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:49:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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\PO121824\
Data File : PO108632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 18:26
Operator : YP/AJ
Sample : P5306-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OU4-VSL-07-121224MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:51:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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...	3.706	3.704	195.3E6	116.9E6	22.447	23.062
2) SA Decachlor...	8.776	8.725	174.0E6	106.1E6	23.818	27.382
Target Compounds						
3) L1 AR-1016-1	4.804	4.791	187.2E6	107.2E6	607.010	668.195
4) L1 AR-1016-2	4.823	4.811	256.3E6	151.1E6	613.985	680.122
5) L1 AR-1016-3	4.879	4.987	175.7E6	82319704	600.572	654.195
6) L1 AR-1016-4	5.000	5.028	138.7E6	65673196	599.939	626.617
7) L1 AR-1016-5	5.258	5.242	144.3E6	84750933	573.556	626.805
31) L7 AR-1260-1	6.302	6.276	266.9E6	155.1E6	583.859	662.701
32) L7 AR-1260-2	6.491	6.463	340.3E6	197.5E6	612.355	703.933
33) L7 AR-1260-3	6.860	6.617	253.5E6	176.9E6	546.711	671.295
34) L7 AR-1260-4	7.120	7.089	216.8E6	127.6E6	509.600	599.953
35) L7 AR-1260-5	7.361	7.329	530.8E6	318.5E6	546.198	658.194

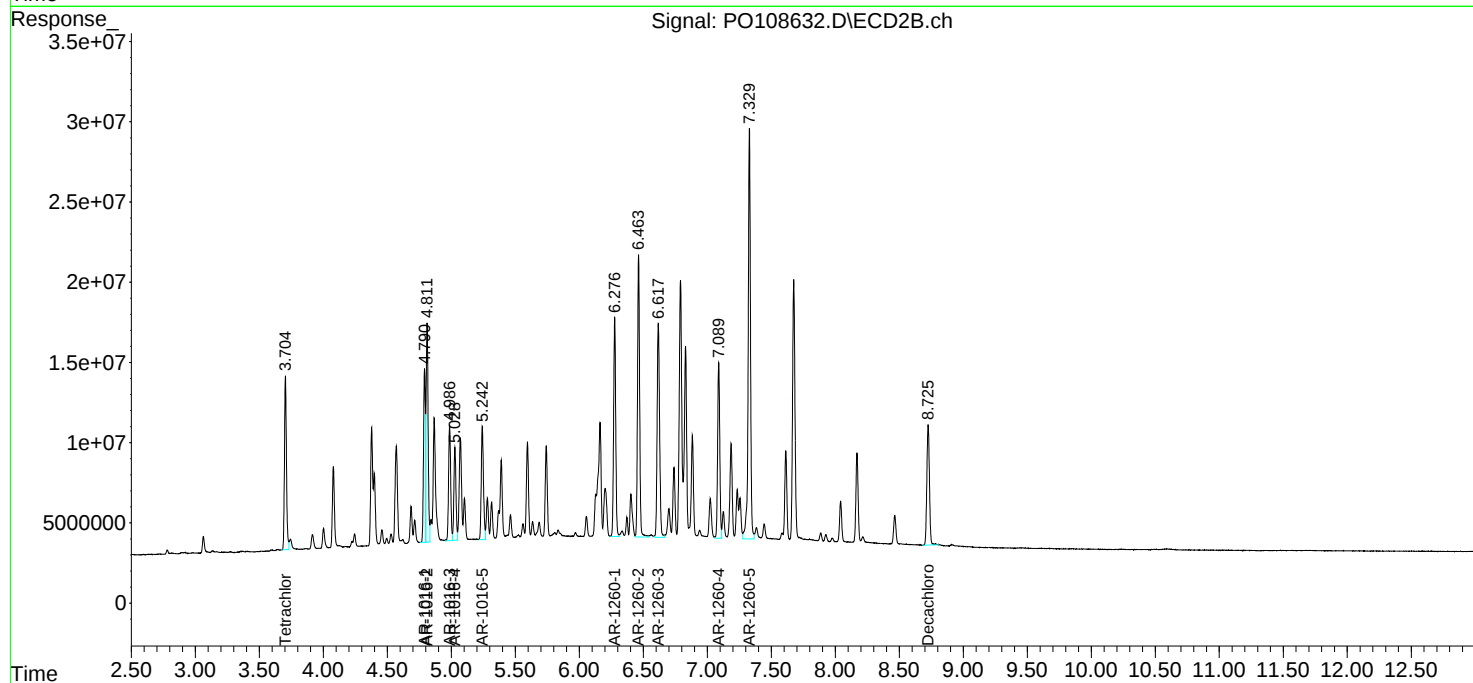
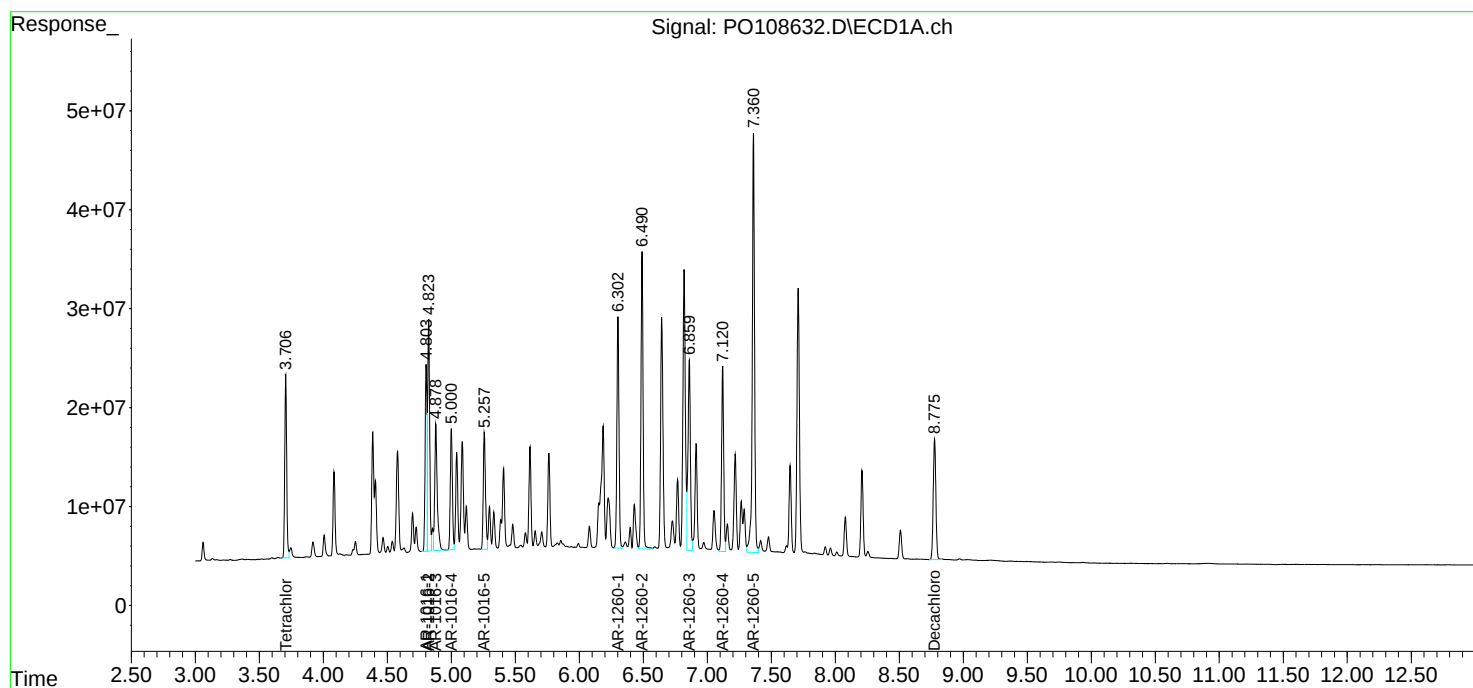
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108632.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 18:26
Operator : YP/AJ
Sample : P5306-01MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OU4-VSL-07-121224MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:51:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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\PO121824\
 Data File : PO108633.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2024 18:44
 Operator : YP/AJ
 Sample : P5306-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 OU4-VSL-07-121224MSD

A
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 03:52:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 05:58:15 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...	3.706	3.704	195.6E6	118.2E6	22.483	23.312
2) SA Decachlor...	8.775	8.726	150.5E6	92542473	20.608	23.882
Target Compounds						
3) L1 AR-1016-1	4.803	4.791	176.3E6	101.9E6	571.604	635.182
4) L1 AR-1016-2	4.823	4.811	243.0E6	142.7E6	582.094	642.320
5) L1 AR-1016-3	4.878	4.987	169.0E6	79085704	577.669	628.494
6) L1 AR-1016-4	5.000	5.028	132.9E6	63780800	574.965	608.561
7) L1 AR-1016-5	5.258	5.242	140.1E6	82623322	556.485	611.069
31) L7 AR-1260-1	6.302	6.276	254.9E6	146.9E6	557.539	627.713
32) L7 AR-1260-2	6.490	6.463	305.1E6	173.2E6	548.960	617.180
33) L7 AR-1260-3	6.859	6.617	219.5E6	164.4E6	473.396	623.685 #
34) L7 AR-1260-4	7.119	7.090	206.3E6	119.7E6	485.116	562.688
35) L7 AR-1260-5	7.361	7.328	473.4E6	274.8E6	487.127	567.933

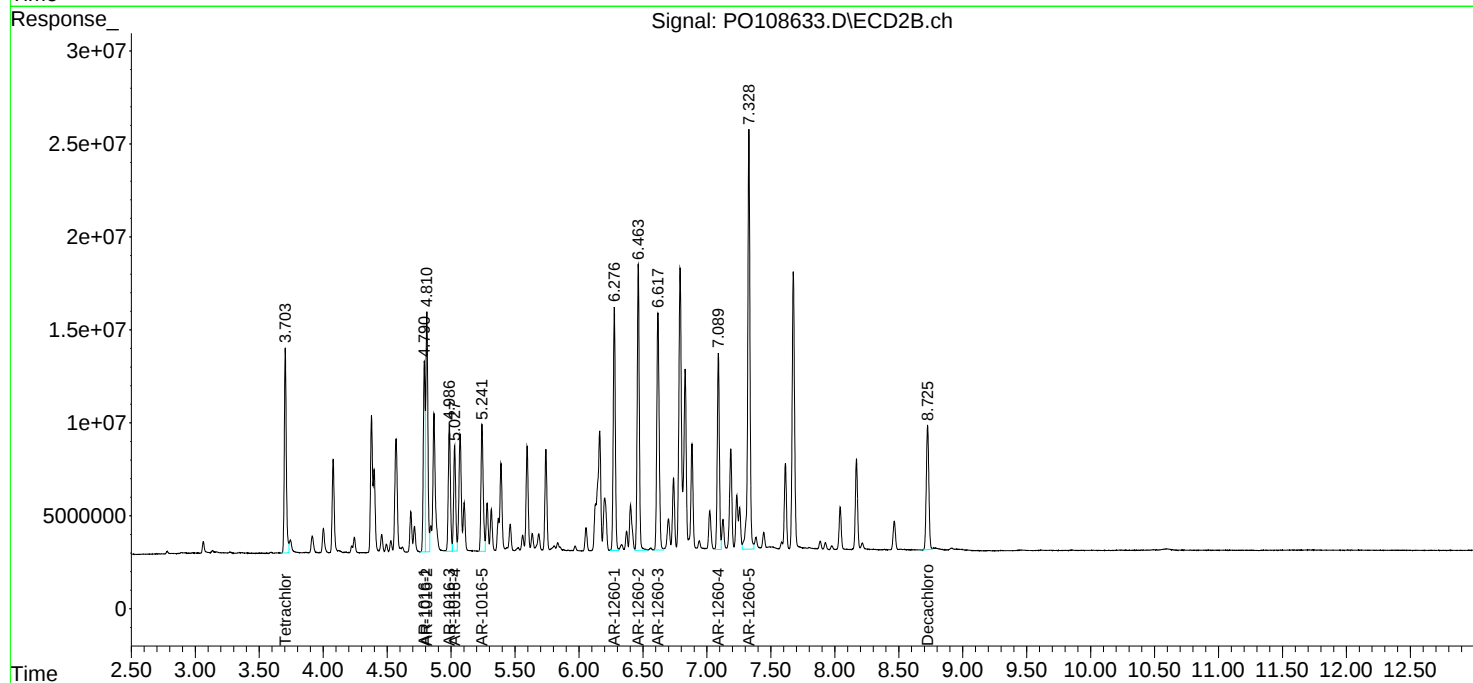
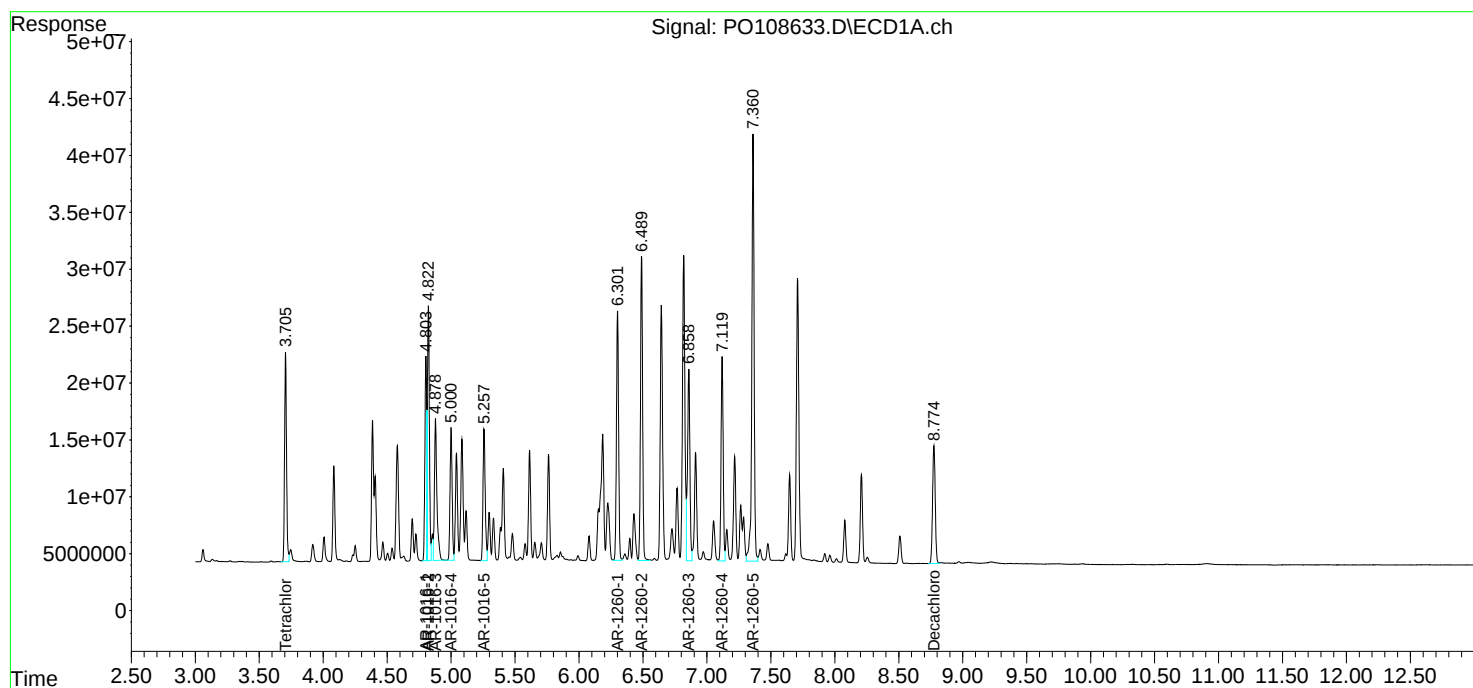
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121824\
Data File : PO108633.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Dec 2024 18:44
Operator : YP/AJ
Sample : P5306-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
OU4-VSL-07-121224MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 03:52:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO120624.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Dec 07 05:58:15 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



Manual Integration Report

Sequence:	PO120624	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO108366.D	AR-1016-1 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1016-2 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1016-3 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1016-4 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-1	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-1 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-2 #2	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1660ICC050	PO108366.D	AR-1260-3	yogesh	12/9/2024 10:59:43 AM	Ankita	12/9/2024 11:02:57	Peak Integrated by Software
AR1242ICC050	PO108373.D	AR-1242-5	yogesh	12/9/2024 10:59:45 AM	Ankita	12/9/2024 11:02:58	Peak Integrated by Software
AR1248ICC050	PO108378.D	AR-1248-3	yogesh	12/9/2024 10:59:47 AM	Ankita	12/9/2024 11:02:59	Peak Integrated by Software
AR1248ICC050	PO108378.D	AR-1248-4	yogesh	12/9/2024 10:59:47 AM	Ankita	12/9/2024 11:02:59	Peak Integrated by Software
AR1248ICC050	PO108378.D	AR-1248-5	yogesh	12/9/2024 10:59:47 AM	Ankita	12/9/2024 11:02:59	Peak Integrated by Software

Manual Integration Report

Sequence:

PO120624

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PO108383.D	AR-1254-1	yogesh	12/9/2024 10:59:49 AM	Ankita	12/9/2024 11:03:01	Peak Integrated by Software
AR1254ICC050	PO108383.D	AR-1254-2	yogesh	12/9/2024 10:59:49 AM	Ankita	12/9/2024 11:03:01	Peak Integrated by Software
AR1254ICC050	PO108383.D	AR-1254-3	yogesh	12/9/2024 10:59:49 AM	Ankita	12/9/2024 11:03:01	Peak Integrated by Software
AR1254ICC050	PO108383.D	AR-1254-4	yogesh	12/9/2024 10:59:49 AM	Ankita	12/9/2024 11:03:01	Peak Integrated by Software

Manual Integration Report

Sequence:	PO121824	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO108623.D	AR-1254-3	yogesh	12/19/2024 8:20:36 AM	Ankita	12/19/2024 10:26:53	Peak Integrated by Software
AR1254CCC500	PO108623.D	AR-1254-3 #2	yogesh	12/19/2024 8:20:36 AM	Ankita	12/19/2024 10:26:53	Peak Integrated by Software
AR1254CCC500	PO108638.D	AR-1254-3	yogesh	12/19/2024 8:20:37 AM	Ankita	12/19/2024 10:26:55	Peak Integrated by Software
AR1254CCC500	PO108638.D	AR-1254-3 #2	yogesh	12/19/2024 8:20:37 AM	Ankita	12/19/2024 10:26:55	Peak Integrated by Software
AR1254CCC500	PO108652.D	AR-1254-3	yogesh	12/19/2024 8:20:39 AM	Ankita	12/19/2024 10:26:57	Peak Integrated by Software
AR1254CCC500	PO108652.D	AR-1254-3 #2	yogesh	12/19/2024 8:20:39 AM	Ankita	12/19/2024 10:26:57	Peak Integrated by Software
AR1660CCC500	PO108657.D	AR-1016-3	yogesh	12/19/2024 8:20:40 AM	Ankita	12/19/2024 10:26:58	Peak Integrated by Software
AR1254CCC500	PO108660.D	AR-1254-3	yogesh	12/19/2024 8:20:42 AM	Ankita	12/19/2024 10:26:59	Peak Integrated by Software
AR1254CCC500	PO108660.D	AR-1254-3 #2	yogesh	12/19/2024 8:20:42 AM	Ankita	12/19/2024 10:26:59	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120624

Review By	yogesh	Review On	12/9/2024 11:00:19 AM
Supervise By	Ankita	Supervise On	12/9/2024 11:03:08 AM
SubDirectory	PO120624	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO108360.D	06 Dec 2024 13:43	YP/AJ	Ok
2	I.BLK	PO108361.D	06 Dec 2024 14:01	YP/AJ	Ok
3	AR1660ICC1000	PO108362.D	06 Dec 2024 14:19	YP/AJ	Ok
4	AR1660ICC750	PO108363.D	06 Dec 2024 14:38	YP/AJ	Ok
5	AR1660ICC500	PO108364.D	06 Dec 2024 14:56	YP/AJ	Ok
6	AR1660ICC250	PO108365.D	06 Dec 2024 15:14	YP/AJ	Ok
7	AR1660ICC050	PO108366.D	06 Dec 2024 15:33	YP/AJ	Ok,M
8	AR1221ICC500	PO108367.D	06 Dec 2024 15:51	YP/AJ	Ok
9	AR1232ICC500	PO108368.D	06 Dec 2024 16:09	YP/AJ	Ok
10	AR1242ICC1000	PO108369.D	06 Dec 2024 16:28	YP/AJ	Ok
11	AR1242ICC750	PO108370.D	06 Dec 2024 16:46	YP/AJ	Ok
12	AR1242ICC500	PO108371.D	06 Dec 2024 17:04	YP/AJ	Ok
13	AR1242ICC250	PO108372.D	06 Dec 2024 17:23	YP/AJ	Ok
14	AR1242ICC050	PO108373.D	06 Dec 2024 17:41	YP/AJ	Ok,M
15	AR1248ICC1000	PO108374.D	06 Dec 2024 17:59	YP/AJ	Ok
16	AR1248ICC750	PO108375.D	06 Dec 2024 18:18	YP/AJ	Ok
17	AR1248ICC500	PO108376.D	06 Dec 2024 18:36	YP/AJ	Ok
18	AR1248ICC250	PO108377.D	06 Dec 2024 18:54	YP/AJ	Ok
19	AR1248ICC050	PO108378.D	06 Dec 2024 19:13	YP/AJ	Ok,M
20	AR1254ICC1000	PO108379.D	06 Dec 2024 19:31	YP/AJ	Ok
21	AR1254ICC750	PO108380.D	06 Dec 2024 19:49	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120624

Review By	yogesh	Review On	12/9/2024 11:00:19 AM
Supervise By	Ankita	Supervise On	12/9/2024 11:03:08 AM
SubDirectory	PO120624	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PO108381.D	06 Dec 2024 20:08	YP/AJ	Ok
23	AR1254ICC250	PO108382.D	06 Dec 2024 20:26	YP/AJ	Ok
24	AR1254ICC050	PO108383.D	06 Dec 2024 20:44	YP/AJ	Ok,M
25	AR1262ICC500	PO108384.D	06 Dec 2024 21:03	YP/AJ	Ok
26	AR1268ICC1000	PO108385.D	06 Dec 2024 21:21	YP/AJ	Ok
27	AR1268ICC750	PO108386.D	06 Dec 2024 21:39	YP/AJ	Ok
28	AR1268ICC500	PO108387.D	06 Dec 2024 21:58	YP/AJ	Ok
29	AR1268ICC250	PO108388.D	06 Dec 2024 22:16	YP/AJ	Ok
30	AR1268ICC050	PO108389.D	06 Dec 2024 22:34	YP/AJ	Ok
31	PO120624ICV500	PO108390.D	06 Dec 2024 22:53	YP/AJ	Ok
32	AR1242ICV500	PO108391.D	06 Dec 2024 23:11	YP/AJ	Ok
33	AR1248ICV500	PO108392.D	06 Dec 2024 23:29	YP/AJ	Ok
34	AR1254ICV500	PO108393.D	06 Dec 2024 23:48	YP/AJ	Ok
35	AR1268ICV500	PO108394.D	07 Dec 2024 00:06	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121824

Review By	yogesh	Review On	12/18/2024 3:40:37 PM
Supervise By	Ankita	Supervise On	12/18/2024 4:14:14 PM
SubDirectory	PO121824	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO108607.D	18 Dec 2024 09:26	YP/AJ	Ok
2	AR1660CCC500	PO108608.D	18 Dec 2024 09:44	YP/AJ	Ok
3	AR1242CCC500	PO108609.D	18 Dec 2024 10:02	YP/AJ	Ok
4	AR1248CCC500	PO108610.D	18 Dec 2024 10:21	YP/AJ	Ok
5	I.BLK	PO108611.D	18 Dec 2024 10:39	YP/AJ	Ok
6	P5307-02	PO108612.D	18 Dec 2024 10:57	YP/AJ	Ok
7	P5307-08	PO108613.D	18 Dec 2024 11:34	YP/AJ	Ok,M
8	P5307-10	PO108614.D	18 Dec 2024 12:10	YP/AJ	Ok
9	P5307-11	PO108615.D	18 Dec 2024 12:46	YP/AJ	Ok,M
10	PB165702BL	PO108616.D	18 Dec 2024 13:33	YP/AJ	Ok
11	PB165702BS	PO108617.D	18 Dec 2024 13:51	YP/AJ	Ok
12	PB165702BSD	PO108618.D	18 Dec 2024 14:10	YP/AJ	Ok
13	P5313-01	PO108619.D	18 Dec 2024 14:28	YP/AJ	Ok
14	AR1660CCC500	PO108620.D	18 Dec 2024 14:46	YP/AJ	Ok
15	AR1242CCC500	PO108621.D	18 Dec 2024 15:04	YP/AJ	Ok
16	AR1248CCC500	PO108622.D	18 Dec 2024 15:23	YP/AJ	Ok
17	AR1254CCC500	PO108623.D	18 Dec 2024 15:41	YP/AJ	Ok,M
18	I.BLK	PO108624.D	18 Dec 2024 15:59	YP/AJ	Ok
19	PB165703BL	PO108625.D	18 Dec 2024 16:18	YP/AJ	Ok
20	PB165703BS	PO108626.D	18 Dec 2024 16:36	YP/AJ	Ok
21	P5299-01	PO108627.D	18 Dec 2024 16:54	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121824

Review By	yogesh	Review On	12/18/2024 3:40:37 PM
Supervise By	Ankita	Supervise On	12/18/2024 4:14:14 PM
SubDirectory	PO121824	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	P5299-02	PO108628.D	18 Dec 2024 17:13	YP/AJ	Ok
23	P5299-03	PO108629.D	18 Dec 2024 17:31	YP/AJ	Ok
24	P5299-04	PO108630.D	18 Dec 2024 17:49	YP/AJ	Ok
25	P5306-01	PO108631.D	18 Dec 2024 18:08	YP/AJ	Ok
26	P5306-01MS	PO108632.D	18 Dec 2024 18:26	YP/AJ	Ok
27	P5306-01MSD	PO108633.D	18 Dec 2024 18:44	YP/AJ	Ok
28	P5306-03	PO108634.D	18 Dec 2024 19:03	YP/AJ	Ok
29	AR1660CCC500	PO108635.D	18 Dec 2024 20:04	YP/AJ	Ok
30	AR1242CCC500	PO108636.D	18 Dec 2024 20:22	YP/AJ	Ok
31	AR1248CCC500	PO108637.D	18 Dec 2024 20:40	YP/AJ	Ok
32	AR1254CCC500	PO108638.D	18 Dec 2024 20:59	YP/AJ	Ok,M
33	I.BLK	PO108639.D	18 Dec 2024 21:17	YP/AJ	Ok
34	P5306-05	PO108640.D	18 Dec 2024 21:35	YP/AJ	Ok
35	P5306-07	PO108641.D	18 Dec 2024 21:54	YP/AJ	Ok
36	P5306-09	PO108642.D	18 Dec 2024 22:12	YP/AJ	Ok
37	P5306-11	PO108643.D	18 Dec 2024 22:30	YP/AJ	Ok
38	P5306-13	PO108644.D	18 Dec 2024 22:49	YP/AJ	Ok
39	P5306-15	PO108645.D	18 Dec 2024 23:07	YP/AJ	Ok
40	P5312-01	PO108646.D	18 Dec 2024 23:25	YP/AJ	Ok
41	P5312-03	PO108647.D	18 Dec 2024 23:43	YP/AJ	Ok
42	P5316-01	PO108648.D	19 Dec 2024 00:02	YP/AJ	Ok
43	AR1660CCC500	PO108649.D	19 Dec 2024 01:03	YP/AJ	Ok
44	AR1242CCC500	PO108650.D	19 Dec 2024 01:21	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121824

Review By	yogesh	Review On	12/18/2024 3:40:37 PM
Supervise By	Ankita	Supervise On	12/18/2024 4:14:14 PM
SubDirectory	PO121824	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	AR1248CCC500	PO108651.D	19 Dec 2024 01:39	YP/AJ	Ok
46	AR1254CCC500	PO108652.D	19 Dec 2024 01:58	YP/AJ	Ok,M
47	I.BLK	PO108653.D	19 Dec 2024 02:16	YP/AJ	Ok
48	PB165711BL	PO108654.D	19 Dec 2024 02:34	YP/AJ	Ok
49	PB165711BS	PO108655.D	19 Dec 2024 02:53	YP/AJ	Ok
50	P5300-01	PO108656.D	19 Dec 2024 03:11	YP/AJ	Ok
51	AR1660CCC500	PO108657.D	19 Dec 2024 04:12	YP/AJ	Ok,M
52	AR1242CCC500	PO108658.D	19 Dec 2024 04:30	YP/AJ	Ok
53	AR1248CCC500	PO108659.D	19 Dec 2024 04:49	YP/AJ	Ok
54	AR1254CCC500	PO108660.D	19 Dec 2024 05:07	YP/AJ	Ok,M
55	I.BLK	PO108661.D	19 Dec 2024 05:25	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120624

Review By	yogesh	Review On	12/9/2024 11:00:19 AM
Supervise By	Ankita	Supervise On	12/9/2024 11:03:08 AM
SubDirectory	PO120624	HP Acquire Method	HP Processing Method PO120624

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO108360.D	06 Dec 2024 13:43		YP/AJ	Ok
2	I.BLK	I.BLK	PO108361.D	06 Dec 2024 14:01		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO108362.D	06 Dec 2024 14:19		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO108363.D	06 Dec 2024 14:38		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO108364.D	06 Dec 2024 14:56		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO108365.D	06 Dec 2024 15:14		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO108366.D	06 Dec 2024 15:33		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO108367.D	06 Dec 2024 15:51		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO108368.D	06 Dec 2024 16:09		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO108369.D	06 Dec 2024 16:28		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO108370.D	06 Dec 2024 16:46		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO108371.D	06 Dec 2024 17:04		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO108372.D	06 Dec 2024 17:23		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO108373.D	06 Dec 2024 17:41		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO108374.D	06 Dec 2024 17:59		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO108375.D	06 Dec 2024 18:18		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO108376.D	06 Dec 2024 18:36		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO108377.D	06 Dec 2024 18:54		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO120624

Review By	yogesh	Review On	12/9/2024 11:00:19 AM
Supervise By	Ankita	Supervise On	12/9/2024 11:03:08 AM
SubDirectory	PO120624	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773 PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PO108378.D	06 Dec 2024 19:13		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO108379.D	06 Dec 2024 19:31		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO108380.D	06 Dec 2024 19:49		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO108381.D	06 Dec 2024 20:08		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO108382.D	06 Dec 2024 20:26		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO108383.D	06 Dec 2024 20:44		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO108384.D	06 Dec 2024 21:03		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO108385.D	06 Dec 2024 21:21		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO108386.D	06 Dec 2024 21:39		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO108387.D	06 Dec 2024 21:58		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO108388.D	06 Dec 2024 22:16		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO108389.D	06 Dec 2024 22:34		YP/AJ	Ok
31	PO120624ICV500	ICVPO120624	PO108390.D	06 Dec 2024 22:53		YP/AJ	Ok
32	AR1242ICV500	ICVPO120624AR1242	PO108391.D	06 Dec 2024 23:11		YP/AJ	Ok
33	AR1248ICV500	ICVPO120624AR1248	PO108392.D	06 Dec 2024 23:29		YP/AJ	Ok
34	AR1254ICV500	ICVPO120624AR1254	PO108393.D	06 Dec 2024 23:48		YP/AJ	Ok
35	AR1268ICV500	ICVPO120624AR1268	PO108394.D	07 Dec 2024 00:06		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121824

Review By	yogesh	Review On	12/18/2024 3:40:37 PM
Supervise By	Ankita	Supervise On	12/18/2024 4:14:14 PM
SubDirectory	PO121824	HP Acquire Method	HP Processing Method PO120624

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO108607.D	18 Dec 2024 09:26		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO108608.D	18 Dec 2024 09:44		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO108609.D	18 Dec 2024 10:02		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO108610.D	18 Dec 2024 10:21		YP/AJ	Ok
5	I.BLK	I.BLK	PO108611.D	18 Dec 2024 10:39		YP/AJ	Ok
6	P5307-02	2A-2B-2C-ROOF-2	PO108612.D	18 Dec 2024 10:57		YP/AJ	Ok
7	P5307-08	1952-BLDG	PO108613.D	18 Dec 2024 11:34		YP/AJ	Ok,M
8	P5307-10	1907-BLDG-OFF-WHITE	PO108614.D	18 Dec 2024 12:10		YP/AJ	Ok
9	P5307-11	11A-11B-11C-1952-BLDG	PO108615.D	18 Dec 2024 12:46		YP/AJ	Ok,M
10	PB165702BL	PB165702BL	PO108616.D	18 Dec 2024 13:33		YP/AJ	Ok
11	PB165702BS	PB165702BS	PO108617.D	18 Dec 2024 13:51		YP/AJ	Ok
12	PB165702BSD	PB165702BSD	PO108618.D	18 Dec 2024 14:10		YP/AJ	Ok
13	P5313-01	FMI109	PO108619.D	18 Dec 2024 14:28		YP/AJ	Ok
14	AR1660CCC500	AR1660CCC500	PO108620.D	18 Dec 2024 14:46		YP/AJ	Ok
15	AR1242CCC500	AR1242CCC500	PO108621.D	18 Dec 2024 15:04		YP/AJ	Ok
16	AR1248CCC500	AR1248CCC500	PO108622.D	18 Dec 2024 15:23		YP/AJ	Ok
17	AR1254CCC500	AR1254CCC500	PO108623.D	18 Dec 2024 15:41		YP/AJ	Ok,M
18	I.BLK	I.BLK	PO108624.D	18 Dec 2024 15:59		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121824

Review By	yogesh	Review On	12/18/2024 3:40:37 PM
Supervise By	Ankita	Supervise On	12/18/2024 4:14:14 PM
SubDirectory	PO121824	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PB165703BL	PB165703BL	PO108625.D	18 Dec 2024 16:18		YP/AJ	Ok
20	PB165703BS	PB165703BS	PO108626.D	18 Dec 2024 16:36		YP/AJ	Ok
21	P5299-01	SB-01	PO108627.D	18 Dec 2024 16:54		YP/AJ	Ok
22	P5299-02	SB-02	PO108628.D	18 Dec 2024 17:13		YP/AJ	Ok
23	P5299-03	SB-01	PO108629.D	18 Dec 2024 17:31		YP/AJ	Ok
24	P5299-04	SB-02	PO108630.D	18 Dec 2024 17:49		YP/AJ	Ok
25	P5306-01	OU4-VSL-07-121224	PO108631.D	18 Dec 2024 18:08		YP/AJ	Ok
26	P5306-01MS	OU4-VSL-07-121224M	PO108632.D	18 Dec 2024 18:26		YP/AJ	Ok
27	P5306-01MSD	OU4-VSL-07-121224M	PO108633.D	18 Dec 2024 18:44		YP/AJ	Ok
28	P5306-03	OU4-VSL-08-121224	PO108634.D	18 Dec 2024 19:03		YP/AJ	Ok
29	AR1660CCC500	AR1660CCC500	PO108635.D	18 Dec 2024 20:04		YP/AJ	Ok
30	AR1242CCC500	AR1242CCC500	PO108636.D	18 Dec 2024 20:22		YP/AJ	Ok
31	AR1248CCC500	AR1248CCC500	PO108637.D	18 Dec 2024 20:40		YP/AJ	Ok
32	AR1254CCC500	AR1254CCC500	PO108638.D	18 Dec 2024 20:59		YP/AJ	Ok,M
33	I.BLK	I.BLK	PO108639.D	18 Dec 2024 21:17		YP/AJ	Ok
34	P5306-05	OU4-VSL-09-121224	PO108640.D	18 Dec 2024 21:35		YP/AJ	Ok
35	P5306-07	OU4-VSL-10-121224	PO108641.D	18 Dec 2024 21:54		YP/AJ	Ok
36	P5306-09	OU4-VSL-11-121224	PO108642.D	18 Dec 2024 22:12		YP/AJ	Ok
37	P5306-11	OU4-VSL-12-121224	PO108643.D	18 Dec 2024 22:30		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121824

Review By	yogesh	Review On	12/18/2024 3:40:37 PM
Supervise By	Ankita	Supervise On	12/18/2024 4:14:14 PM
SubDirectory	PO121824	HP Acquire Method	HP Processing Method PO120624
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	P5306-13	OU4-VSL-13-121224	PO108644.D	18 Dec 2024 22:49		YP/AJ	Ok
39	P5306-15	OU4-VSL-14-121224	PO108645.D	18 Dec 2024 23:07		YP/AJ	Ok
40	P5312-01	SOIL-VNJ-222	PO108646.D	18 Dec 2024 23:25		YP/AJ	Ok
41	P5312-03	CONCRETE-VNJ-222	PO108647.D	18 Dec 2024 23:43		YP/AJ	Ok
42	P5316-01	TT-304-IDWSO-202412	PO108648.D	19 Dec 2024 00:02		YP/AJ	Ok
43	AR1660CCC500	AR1660CCC500	PO108649.D	19 Dec 2024 01:03		YP/AJ	Ok
44	AR1242CCC500	AR1242CCC500	PO108650.D	19 Dec 2024 01:21		YP/AJ	Ok
45	AR1248CCC500	AR1248CCC500	PO108651.D	19 Dec 2024 01:39		YP/AJ	Ok
46	AR1254CCC500	AR1254CCC500	PO108652.D	19 Dec 2024 01:58		YP/AJ	Ok,M
47	I.BLK	I.BLK	PO108653.D	19 Dec 2024 02:16		YP/AJ	Ok
48	PB165711BL	PB165711BL	PO108654.D	19 Dec 2024 02:34		YP/AJ	Ok
49	PB165711BS	PB165711BS	PO108655.D	19 Dec 2024 02:53		YP/AJ	Ok
50	P5300-01	121324	PO108656.D	19 Dec 2024 03:11		YP/AJ	Ok
51	AR1660CCC500	AR1660CCC500	PO108657.D	19 Dec 2024 04:12		YP/AJ	Ok,M
52	AR1242CCC500	AR1242CCC500	PO108658.D	19 Dec 2024 04:30		YP/AJ	Ok
53	AR1248CCC500	AR1248CCC500	PO108659.D	19 Dec 2024 04:49		YP/AJ	Ok
54	AR1254CCC500	AR1254CCC500	PO108660.D	19 Dec 2024 05:07		YP/AJ	Ok,M
55	I.BLK	I.BLK	PO108661.D	19 Dec 2024 05:25		YP/AJ	Ok

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix: Solid

Weight By: RJ

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date: 12/18/2024

Extraction Start Time: 08:10

Extraction End Date: 12/18/2024

Extraction End Time: 14:30

Concentration By: EH

Supervisor By: rajesh

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

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP23913
Surrogate	1.0ML	200 PPB	PP23985
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	N/A	E3847
Baked Na2SO4	N/A	EP2573
H2SO4 1:1	N/A	EP2565
Sand	N/A	E2865
Hexane/Acetone/1:1	N/A	EP2561
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.P5316 -01 Added in batch at 11:35

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
12/18/24	RJ (Set Lab)	RJ (Set Lab)
14:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 12/18/2024

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB165703BL	ABLK703	PCB	30.03	N/A	ritesh	Evelyn	10			U7-1
PB165703BS	ALCS703	PCB	30.02	N/A	ritesh	Evelyn	10			2
P5299-01	SB-01	PCB	30.04	N/A	ritesh	Evelyn	10	F		3
P5299-02	SB-02	PCB	30.09	N/A	ritesh	Evelyn	10	F		4
P5299-03	SB-01	PCB	30.07	N/A	ritesh	Evelyn	10	F		5
P5299-04	SB-02	PCB	30.10	N/A	ritesh	Evelyn	10	F		6
P5306-01	OU4-VSL-07-121224	PCB	30.02	N/A	ritesh	Evelyn	10	E		U6-1
P5306-01MS	OU4-VSL-07-121224MS	PCB	30.04	N/A	ritesh	Evelyn	10	E		2
P5306-01MS D	OU4-VSL-07-121224MSD	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
P5306-03	OU4-VSL-08-121224	PCB	30.01	N/A	ritesh	Evelyn	10	E		4
P5306-05	OU4-VSL-09-121224	PCB	30.05	N/A	ritesh	Evelyn	10	E		5
P5306-07	OU4-VSL-10-121224	PCB	30.08	N/A	ritesh	Evelyn	10	E		6
P5306-09	OU4-VSL-11-121224	PCB	30.03	N/A	ritesh	Evelyn	10	E		U5-1
P5306-11	OU4-VSL-12-121224	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
P5306-13	OU4-VSL-13-121224	PCB	30.07	N/A	ritesh	Evelyn	10	E		3
P5306-15	OU4-VSL-14-121224	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
P5312-01	SOIL-VNJ-222	PCB	30.01	N/A	ritesh	Evelyn	10	E		5
P5312-03	CONCRETE-VNJ-222	PCB	30.08	N/A	ritesh	Evelyn	10	E	Concrete	6
P5316-01	TT-304-IDWSO-20241217 -1	PCB Group1	30.05	N/A	ritesh	Evelyn	10	E		U4-1

* Extracts relinquished on the same date as received.



165703
5:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : p5300

WorkList ID : 186419

Department : Extraction

Date : 12-18-2024 08:05:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5300-01	121324	Solid	PCB	Cool 4 deg C	PSEG03	L51	12/16/2024	8082A
P5306-01	OU4-VSL-07-121224	Solid	PCB	Cool 4 deg C	NOBI03	L61	12/12/2024	8082A
P5306-03	OU4-VSL-08-121224	Solid	PCB	Cool 4 deg C	NOBI03	L61	12/12/2024	8082A
P5306-05	OU4-VSL-09-121224	Solid	PCB	Cool 4 deg C	NOBI03	L61	12/12/2024	8082A
P5306-07	OU4-VSL-10-121224	Solid	PCB	Cool 4 deg C	NOBI03	L61	12/12/2024	8082A
P5306-09	OU4-VSL-11-121224	Solid	PCB	Cool 4 deg C	NOBI03	L61	12/12/2024	8082A
P5306-11	OU4-VSL-12-121224	Solid	PCB	Cool 4 deg C	NOBI03	L61	12/12/2024	8082A
P5306-13	OU4-VSL-13-121224	Solid	PCB	Cool 4 deg C	NOBI03	L61	12/12/2024	8082A
P5306-15	OU4-VSL-14-121224	Solid	PCB	Cool 4 deg C	NOBI03	L61	12/12/2024	8082A
P5312-01	SOIL-VNJ-222	Solid	PCB	Cool 4 deg C	PSEG03	L61	12/17/2024	8082A
P5312-03	CONCRETE-VNJ-222	Solid	PCB	Cool 4 deg C	PSEG03	L61	12/17/2024	8082A

Date/Time 12/18/24 8:07

Raw Sample Received by: RJ (Red 14)

Raw Sample Relinquished by: JDCSM

Date/Time 12/18/24 8:35

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: RJ (Red 14)

11:35
Pc 8
165703

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P5316

WorkList ID : 186434

Department : Extraction

Date : 12-18-2024 11:32:50

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5316-01	TT-304-IDWSO-20241217-1	Solid	PCB Group1	Cool 4 deg C	TETR06	L51	12/17/2024	8082A
P5316-01	TT-304-IDWSO-20241217-1	Solid	PESTICIDE Group1	Cool 4 deg C	TETR06	L51	12/17/2024	8081B
P5316-01	TT-304-IDWSO-20241217-1	Solid	SVOCMS Group2	Cool 4 deg C	TETR06	L51	12/17/2024	8270E

Date/Time 12/18/24
Raw Sample Received by: RJ (Ext 104)
Raw Sample Relinquished by: [Signature]

Date/Time 12/18/24
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RJ (Ext 104)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : P5299

WorkList ID : 186432

Department : Extraction

Date : 12-18-2024 08:56:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5299-01	SB-01	Solid	PCB	Cool 4 deg C	PORT06	L41	12/14/2024	8082A
P5299-02	SB-02	Solid	PCB	Cool 4 deg C	PORT06	L41	12/15/2024	8082A
P5299-03	SB-01	Solid	PCB	Cool 4 deg C	PORT06	L41	12/15/2024	8082A
P5299-04	SB-02	Solid	PCB	Cool 4 deg C	PORT06	L41	12/15/2024	8082A

Date/Time 12/18/24 8:56

Raw Sample Received by: RJ (Set 164)

Raw Sample Relinquished by: [Signature] SM

Date/Time 12/18/24 9:10

Raw Sample Received by: [Signature] SM

Raw Sample Relinquished by: RJ (Set 164)

LAB CHRONICLE

OrderID:	P5299	OrderDate:	12/16/2024 12:24:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5299-01	SB-01	SOIL	PCB	8082A	12/14/24	12/18/24	12/18/24	12/16/24
P5299-02	SB-02	SOIL	PCB	8082A	12/15/24	12/18/24	12/18/24	12/16/24
P5299-03	SB-01	SOIL	PCB	8082A	12/15/24	12/18/24	12/18/24	12/16/24
P5299-04	SB-02	SOIL	PCB	8082A	12/15/24	12/18/24	12/18/24	12/16/24