



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

Hit Summary Sheet
SW-846

SDG No.: Q1422

Order ID: Q1422

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-------

Client ID :

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	02/23/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	02/25/25	
Client Sample ID:	B-154-SB01		SDG No.:	Q1422	
Lab Sample ID:	Q1422-01		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	88.4	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
PP070070.D	1	02/26/25 09:25	02/26/25 13:34	PB166872

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.80	U	3.80	19.2	ug/kg
11104-28-2	Aroclor-1221	7.20	U	7.20	19.2	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	19.2	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	19.2	ug/kg
12672-29-6	Aroclor-1248	8.90	U	8.90	19.2	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.2	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.2	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.2	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.1		30 (32) - 150 (144)	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		30 (32) - 150 (175)	89%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	02/23/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	02/25/25	
Client Sample ID:	B-154-SB02		SDG No.:	Q1422	
Lab Sample ID:	Q1422-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	87.3	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
PP070071.D	1	02/26/25 09:25	02/26/25 13:50	PB166872

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	19.5	ug/kg
11104-28-2	Aroclor-1221	7.30	U	7.30	19.5	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	19.5	ug/kg
53469-21-9	Aroclor-1242	3.90	U	3.90	19.5	ug/kg
12672-29-6	Aroclor-1248	9.00	U	9.00	19.5	ug/kg
11097-69-1	Aroclor-1254	3.10	U	3.10	19.5	ug/kg
37324-23-5	Aroclor-1262	5.20	U	5.20	19.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	19.5	ug/kg
11096-82-5	Aroclor-1260	3.30	U	3.30	19.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.6		30 (32) - 150 (144)	123%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		30 (32) - 150 (175)	95%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q1422

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP069995.D	PIBLK-PP069995.D	Tetrachloro-m-xylene	1	20	21.9	109		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.8	109		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	22.1	110		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.6	108		70 (60)	130 (140)
I.BLK-PP070067.D	PIBLK-PP070067.D	Tetrachloro-m-xylene	1	20	18.5	92		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.6	93		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	19.1	96		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	19.6	98		70 (60)	130 (140)
PB166872BL	PB166872BL	Tetrachloro-m-xylene	1	20	26.3	132		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	25.1	126		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	27.1	135		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	23.8	119		30 (32)	150 (175)
PB166872BS	PB166872BS	Tetrachloro-m-xylene	1	20	26.9	134		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	25.5	128		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	26.1	130		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	26.5	133		30 (32)	150 (175)
Q1422-01	B-154-SB01	Tetrachloro-m-xylene	1	20	22.1	111		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	15.9	80		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.1	110		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	17.7	89		30 (32)	150 (175)
Q1422-02	B-154-SB02	Tetrachloro-m-xylene	1	20	23.2	116		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	18.5	93		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	24.6	123		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	19.0	95		30 (32)	150 (175)
Q1428-01MS	NB-07-022525MS	Tetrachloro-m-xylene	1	20	20.4	102		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.6	103		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.9	104		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	18.3	92		30 (32)	150 (175)
Q1428-01MSD	NB-07-022525MSD	Tetrachloro-m-xylene	1	20	19.8	99		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.4	102		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.4	107		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	17.7	89		30 (32)	150 (175)
I.BLK-PP070077.D	PIBLK-PP070077.D	Tetrachloro-m-xylene	1	20	18.4	92		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.3	86		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.6	93		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	16.8	84		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1422

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP070074.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	NB-07-022525MS											
Q1428-01MS	AR1016	177.8	0	160	ug/kg	90				40 (55)	140 (146)	
	AR1260	177.8	0	162	ug/kg	91				40 (45)	140 (144)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1422

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP070075.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	NB-07-022525MSD											
Q1428-01MSD	AR1016	177.7	0	158	ug/kg	89		1		40 (55)	140 (146)	30 (20)
	AR1260	177.7	0	156	ug/kg	88		3		40 (45)	140 (144)	30 (20)



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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1422

Client: Portal Partners Tri-Venture

Analytical Method: **8082A** **Datafile :** PP070069.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB166872BS	AR1016	166.6	175	ug/kg	105				40 (71)	140 (120)		
	AR1260	166.6	166	ug/kg	100				40 (65)	140 (130)		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166872BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1422

SAS No.: Q1422 SDG NO.: Q1422

Lab Sample ID: PB166872BL

Lab File ID: PP070068.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 02/26/2025

Date Analyzed (1): 02/26/2025

Date Analyzed (2): 02/26/2025

Time Analyzed (1): 13:02

Time Analyzed (2): 13:02

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB166872BS	PB166872BS	PP070069.D	02/26/2025	02/26/2025
B-154-SB01	Q1422-01	PP070070.D	02/26/2025	02/26/2025
B-154-SB02	Q1422-02	PP070071.D	02/26/2025	02/26/2025
NB-07-022525MS	Q1428-01MS	PP070074.D	02/26/2025	02/26/2025
NB-07-022525MSD	Q1428-01MSD	PP070075.D	02/26/2025	02/26/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB166872BL	SDG No.:	Q1422
Lab Sample ID:	PB166872BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070068.D	1	02/26/25 09:25	02/26/25 13:02	PB166872

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	27.1		30 (32) - 150 (144)	135%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.1		30 (32) - 150 (175)	126%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/24/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/24/25
Client Sample ID:	PIBLK-PP069995.D	SDG No.:	Q1422
Lab Sample ID:	I.BLK-PP069995.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	5030		

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	02/26/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	02/26/25	
Client Sample ID:	PIBLK-PP070067.D		SDG No.:	Q1422	
Lab Sample ID:	I.BLK-PP070067.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
PP070067.D	1		02/26/25	PP022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		70 (60) - 130 (140)	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		70 (60) - 130 (140)	93%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	02/26/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	02/26/25	
Client Sample ID:	PIBLK-PP070077.D		SDG No.:	Q1422	
Lab Sample ID:	I.BLK-PP070077.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
PP070077.D	1		02/26/25	PP022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		70 (60) - 130 (140)	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		70 (60) - 130 (140)	84%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2025		Date Received:		
Client Sample ID:	PB166872BS		SDG No.:	Q1422	
Lab Sample ID:	PB166872BS		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
PP070069.D	1	02/26/25 09:25	02/26/25 13:18	PB166872

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	175		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	166		2.90	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.9		30 (32) - 150 (144)	134%	SPK: 20
2051-24-3	Decachlorobiphenyl	26.5		30 (32) - 150 (175)	133%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/25/25
Client Sample ID:	NB-07-022525MS	SDG No.:	Q1422
Lab Sample ID:	Q1428-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.6
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070074.D	1	02/26/25 09:25	02/26/25 14:55	PB166872

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	160		3.60	18.1	ug/kg
11104-28-2	Aroclor-1221	6.80	U	6.80	18.1	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	18.1	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	18.1	ug/kg
12672-29-6	Aroclor-1248	8.40	U	8.40	18.1	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	18.1	ug/kg
37324-23-5	Aroclor-1262	4.90	U	4.90	18.1	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.1	ug/kg
11096-82-5	Aroclor-1260	162		3.10	18.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		30 (32) - 150 (144)	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		30 (32) - 150 (175)	103%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	02/25/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	02/25/25
Client Sample ID:	NB-07-022525MSD	SDG No.:	Q1422
Lab Sample ID:	Q1428-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.6
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
PP070075.D	1	02/26/25 09:25	02/26/25 15:12	PB166872

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	158		3.60	18.1	ug/kg
11104-28-2	Aroclor-1221	6.80	U	6.80	18.1	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	18.1	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	18.1	ug/kg
12672-29-6	Aroclor-1248	8.40	U	8.40	18.1	ug/kg
11097-69-1	Aroclor-1254	2.90	U	2.90	18.1	ug/kg
37324-23-5	Aroclor-1262	4.90	U	4.90	18.1	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.1	ug/kg
11096-82-5	Aroclor-1260	156		3.10	18.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		30 (32) - 150 (175)	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



CALIBRATION SUMMARY

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

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

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

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

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

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

Instrument ID: ECD_P

Calibration Date(s): 02/24/2025 02/24/2025

Calibration Times: 14:59 22:17

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1422 **SAS No.:** Q1422 **SDG NO.:** Q1422

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

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

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

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

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

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

Continuing Calib Date: 02/26/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 09:15 Initial Calibration Time(s): 14:59 22:17

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

Continuing Calib Date: 02/26/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 09:15 Initial Calibration Time(s): 14:59 22:17

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

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

Client Sample No.: CCAL01 Date Analyzed: 02/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP070063.D Time Analyzed: 09:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.682	5.581	5.781	508.150	500.000	1.6
Aroclor-1016-2	5.704	5.602	5.802	531.110	500.000	6.2
Aroclor-1016-3	5.766	5.665	5.865	514.780	500.000	3.0
Aroclor-1016-4	5.863	5.762	5.962	532.360	500.000	6.5
Aroclor-1016-5	6.157	6.056	6.256	527.970	500.000	5.6
Aroclor-1260-1	7.276	7.175	7.375	525.940	500.000	5.2
Aroclor-1260-2	7.530	7.429	7.629	505.490	500.000	1.1
Aroclor-1260-3	7.887	7.788	7.988	575.480	500.000	15.1
Aroclor-1260-4	8.113	8.012	8.212	518.530	500.000	3.7
Aroclor-1260-5	8.434	8.333	8.533	556.170	500.000	11.2
Decachlorobiphenyl	10.259	10.156	10.356	52.830	50.000	5.7
Tetrachloro-m-xylene	4.529	4.427	4.627	55.320	50.000	10.6

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

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

Client Sample No.: CCAL01 Date Analyzed: 02/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP070063.D Time Analyzed: 09:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.920	4.820	5.020	522.760	500.000	4.6
Aroclor-1016-2	4.939	4.839	5.039	521.230	500.000	4.2
Aroclor-1016-3	5.117	5.017	5.217	539.820	500.000	8.0
Aroclor-1016-4	5.158	5.058	5.258	529.840	500.000	6.0
Aroclor-1016-5	5.373	5.273	5.473	575.230	500.000	15.0
Aroclor-1260-1	6.411	6.312	6.512	534.150	500.000	6.8
Aroclor-1260-2	6.599	6.500	6.700	536.120	500.000	7.2
Aroclor-1260-3	6.754	6.654	6.854	505.810	500.000	1.2
Aroclor-1260-4	7.226	7.126	7.326	554.670	500.000	10.9
Aroclor-1260-5	7.466	7.367	7.567	554.650	500.000	10.9
Decachlorobiphenyl	8.888	8.788	8.988	52.110	50.000	4.2
Tetrachloro-m-xylene	3.831	3.730	3.930	51.760	50.000	3.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

Continuing Calib Date: 02/26/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 16:31 Initial Calibration Time(s): 14:59 22:17

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

Continuing Calib Date: 02/26/2025 Initial Calibration Date(s): 02/24/2025 02/24/2025

Continuing Calib Time: 16:31 Initial Calibration Time(s): 14:59 22:17

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

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

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

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

Client Sample No.: CCAL02 Date Analyzed: 02/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP070076.D Time Analyzed: 16:31

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.680	5.581	5.781	471.990	500.000	-5.6
Aroclor-1016-2	5.702	5.602	5.802	479.600	500.000	-4.1
Aroclor-1016-3	5.764	5.665	5.865	465.110	500.000	-7.0
Aroclor-1016-4	5.862	5.762	5.962	466.240	500.000	-6.8
Aroclor-1016-5	6.155	6.056	6.256	476.670	500.000	-4.7
Aroclor-1260-1	7.274	7.175	7.375	472.540	500.000	-5.5
Aroclor-1260-2	7.528	7.429	7.629	442.120	500.000	-11.6
Aroclor-1260-3	7.886	7.788	7.988	476.850	500.000	-4.6
Aroclor-1260-4	8.111	8.012	8.212	452.650	500.000	-9.5
Aroclor-1260-5	8.431	8.333	8.533	470.620	500.000	-5.9
Decachlorobiphenyl	10.253	10.156	10.356	48.360	50.000	-3.3
Tetrachloro-m-xylene	4.528	4.427	4.627	52.840	50.000	5.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

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

Client Sample No.: CCAL02 Date Analyzed: 02/26/2025

Lab Sample No.: AR1660CCC500 Data File : PP070076.D Time Analyzed: 16:31

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.920	4.820	5.020	498.820	500.000	-0.2
Aroclor-1016-2	4.939	4.839	5.039	501.090	500.000	0.2
Aroclor-1016-3	5.116	5.017	5.217	511.710	500.000	2.3
Aroclor-1016-4	5.158	5.058	5.258	509.070	500.000	1.8
Aroclor-1016-5	5.373	5.273	5.473	508.280	500.000	1.7
Aroclor-1260-1	6.411	6.312	6.512	461.650	500.000	-7.7
Aroclor-1260-2	6.598	6.500	6.700	465.120	500.000	-7.0
Aroclor-1260-3	6.753	6.654	6.854	439.860	500.000	-12.0
Aroclor-1260-4	7.225	7.126	7.326	470.660	500.000	-5.9
Aroclor-1260-5	7.465	7.367	7.567	468.730	500.000	-6.3
Decachlorobiphenyl	8.886	8.788	8.988	45.960	50.000	-8.1
Tetrachloro-m-xylene	3.831	3.730	3.930	50.280	50.000	0.6

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1422
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 02/24/2025 02/24/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	02/24/2025	14:43	PP069995.D	10.25	4.53
AR1660ICC1000	AR1660ICC1000	02/24/2025	14:59	PP069996.D	10.25	4.52
AR1660ICC750	AR1660ICC750	02/24/2025	15:15	PP069997.D	10.26	4.53
AR1660ICC500	AR1660ICC500	02/24/2025	15:32	PP069998.D	10.26	4.53
AR1660ICC250	AR1660ICC250	02/24/2025	15:48	PP069999.D	10.25	4.52
AR1660ICC050	AR1660ICC050	02/24/2025	16:04	PP070000.D	10.26	4.53
AR1221ICC500	AR1221ICC500	02/24/2025	16:20	PP070001.D	10.25	4.52
AR1232ICC500	AR1232ICC500	02/24/2025	16:37	PP070002.D	10.26	4.53
AR1242ICC1000	AR1242ICC1000	02/24/2025	16:53	PP070003.D	10.26	4.53
AR1242ICC750	AR1242ICC750	02/24/2025	17:09	PP070004.D	10.25	4.52
AR1242ICC500	AR1242ICC500	02/24/2025	17:25	PP070005.D	10.26	4.53
AR1242ICC250	AR1242ICC250	02/24/2025	17:42	PP070006.D	10.25	4.53
AR1242ICC050	AR1242ICC050	02/24/2025	17:58	PP070007.D	10.26	4.53
AR1248ICC1000	AR1248ICC1000	02/24/2025	18:14	PP070008.D	10.26	4.53
AR1248ICC750	AR1248ICC750	02/24/2025	18:30	PP070009.D	10.26	4.53
AR1248ICC500	AR1248ICC500	02/24/2025	18:46	PP070010.D	10.26	4.53
AR1248ICC250	AR1248ICC250	02/24/2025	19:03	PP070011.D	10.26	4.53
AR1248ICC050	AR1248ICC050	02/24/2025	19:19	PP070012.D	10.25	4.52
AR1254ICC1000	AR1254ICC1000	02/24/2025	19:35	PP070013.D	10.26	4.53
AR1254ICC750	AR1254ICC750	02/24/2025	19:51	PP070014.D	10.25	4.52
AR1254ICC500	AR1254ICC500	02/24/2025	20:08	PP070015.D	10.26	4.53
AR1254ICC250	AR1254ICC250	02/24/2025	20:24	PP070016.D	10.26	4.53
AR1254ICC050	AR1254ICC050	02/24/2025	20:40	PP070017.D	10.26	4.52
AR1262ICC500	AR1262ICC500	02/24/2025	20:56	PP070018.D	10.25	4.53
AR1268ICC1000	AR1268ICC1000	02/24/2025	21:12	PP070019.D	10.25	4.52
AR1268ICC750	AR1268ICC750	02/24/2025	21:29	PP070020.D	10.25	4.53
AR1268ICC500	AR1268ICC500	02/24/2025	21:45	PP070021.D	10.26	4.53
AR1268ICC250	AR1268ICC250	02/24/2025	22:01	PP070022.D	10.25	4.52
AR1268ICC050	AR1268ICC050	02/24/2025	22:17	PP070023.D	10.26	4.53
AR1660CCC500	AR1660CCC500	02/26/2025	09:15	PP070063.D	10.26	4.53
IBLK	IBLK	02/26/2025	10:52	PP070067.D	10.25	4.53
PB166872BL	PB166872BL	02/26/2025	13:02	PP070068.D	10.26	4.53
PB166872BS	PB166872BS	02/26/2025	13:18	PP070069.D	10.25	4.52
B-154-SB01	Q1422-01	02/26/2025	13:34	PP070070.D	10.25	4.52
B-154-SB02	Q1422-02	02/26/2025	13:50	PP070071.D	10.25	4.53
NB-07-022525MS	Q1428-01MS	02/26/2025	14:55	PP070074.D	10.25	4.52
NB-07-022525MSD	Q1428-01MSD	02/26/2025	15:12	PP070075.D	10.26	4.53
AR1660CCC500	AR1660CCC500	02/26/2025	16:31	PP070076.D	10.25	4.53
IBLK	IBLK	02/26/2025	16:47	PP070077.D	10.25	4.52

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1422
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 02/24/2025 02/24/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	02/24/2025	14:43	PP069995.D	8.89	3.83
AR1660ICC1000	AR1660ICC1000	02/24/2025	14:59	PP069996.D	8.89	3.83
AR1660ICC750	AR1660ICC750	02/24/2025	15:15	PP069997.D	8.89	3.83
AR1660ICC500	AR1660ICC500	02/24/2025	15:32	PP069998.D	8.89	3.83
AR1660ICC250	AR1660ICC250	02/24/2025	15:48	PP069999.D	8.89	3.83
AR1660ICC050	AR1660ICC050	02/24/2025	16:04	PP070000.D	8.89	3.83
AR1221ICC500	AR1221ICC500	02/24/2025	16:20	PP070001.D	8.89	3.83
AR1232ICC500	AR1232ICC500	02/24/2025	16:37	PP070002.D	8.89	3.83
AR1242ICC1000	AR1242ICC1000	02/24/2025	16:53	PP070003.D	8.89	3.83
AR1242ICC750	AR1242ICC750	02/24/2025	17:09	PP070004.D	8.89	3.83
AR1242ICC500	AR1242ICC500	02/24/2025	17:25	PP070005.D	8.89	3.83
AR1242ICC250	AR1242ICC250	02/24/2025	17:42	PP070006.D	8.89	3.83
AR1242ICC050	AR1242ICC050	02/24/2025	17:58	PP070007.D	8.89	3.83
AR1248ICC1000	AR1248ICC1000	02/24/2025	18:14	PP070008.D	8.89	3.83
AR1248ICC750	AR1248ICC750	02/24/2025	18:30	PP070009.D	8.89	3.83
AR1248ICC500	AR1248ICC500	02/24/2025	18:46	PP070010.D	8.89	3.83
AR1248ICC250	AR1248ICC250	02/24/2025	19:03	PP070011.D	8.89	3.83
AR1248ICC050	AR1248ICC050	02/24/2025	19:19	PP070012.D	8.89	3.83
AR1254ICC1000	AR1254ICC1000	02/24/2025	19:35	PP070013.D	8.89	3.83
AR1254ICC750	AR1254ICC750	02/24/2025	19:51	PP070014.D	8.89	3.83
AR1254ICC500	AR1254ICC500	02/24/2025	20:08	PP070015.D	8.89	3.83
AR1254ICC250	AR1254ICC250	02/24/2025	20:24	PP070016.D	8.89	3.83
AR1254ICC050	AR1254ICC050	02/24/2025	20:40	PP070017.D	8.89	3.83
AR1262ICC500	AR1262ICC500	02/24/2025	20:56	PP070018.D	8.89	3.83
AR1268ICC1000	AR1268ICC1000	02/24/2025	21:12	PP070019.D	8.89	3.83
AR1268ICC750	AR1268ICC750	02/24/2025	21:29	PP070020.D	8.89	3.83
AR1268ICC500	AR1268ICC500	02/24/2025	21:45	PP070021.D	8.89	3.83
AR1268ICC250	AR1268ICC250	02/24/2025	22:01	PP070022.D	8.89	3.83
AR1268ICC050	AR1268ICC050	02/24/2025	22:17	PP070023.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/26/2025	09:15	PP070063.D	8.89	3.83
IBLK	IBLK	02/26/2025	10:52	PP070067.D	8.89	3.83
PB166872BL	PB166872BL	02/26/2025	13:02	PP070068.D	8.89	3.83
PB166872BS	PB166872BS	02/26/2025	13:18	PP070069.D	8.89	3.83
B-154-SB01	Q1422-01	02/26/2025	13:34	PP070070.D	8.89	3.83
B-154-SB02	Q1422-02	02/26/2025	13:50	PP070071.D	8.88	3.83
NB-07-022525MS	Q1428-01MS	02/26/2025	14:55	PP070074.D	8.89	3.83
NB-07-022525MSD	Q1428-01MSD	02/26/2025	15:12	PP070075.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/26/2025	16:31	PP070076.D	8.89	3.83
IBLK	IBLK	02/26/2025	16:47	PP070077.D	8.89	3.83

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB166872BS

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

Lab Sample ID: PB166872BS Date(s) Analyzed: 02/26/2025 02/26/2025

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

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

Data file PP070069.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.677	5.627	5.727	167	171	2.31
COLUMN 1	2	5.698	5.648	5.748	175		
	3	5.761	5.711	5.811	168		
	4	5.858	5.808	5.908	170		
	5	6.151	6.101	6.201	173		
	1	4.919	4.869	4.969	175		
COLUMN 2	2	4.938	4.888	4.988	173	175	
	3	5.115	5.065	5.165	180		
	4	5.157	5.107	5.207	175		
	5	5.372	5.322	5.422	172		
Aroclor-1260	1	7.271	7.221	7.321	186	166	0
COLUMN 1	2	7.524	7.474	7.574	171		
	3	7.884	7.834	7.934	153		
	4	8.108	8.058	8.158	160		
	5	8.428	8.378	8.478	158		
	1	6.41	6.36	6.46	172		
COLUMN 2	2	6.598	6.548	6.648	172	166	
	3	6.752	6.702	6.802	164		
	4	7.225	7.175	7.275	158		
	5	7.466	7.416	7.516	163		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

NB-07-022525MS

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

Lab Sample ID: Q1428-01MS Date(s) Analyzed: 02/26/2025 02/26/2025

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

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

Data file PP070074.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.676	5.626	5.726	158	152	5.13
COLUMN 1	2	5.698	5.648	5.748	147		
	3	5.76	5.71	5.81	144		
	4	5.858	5.808	5.908	155		
	5	6.15	6.1	6.2	157		
	1	4.919	4.869	4.969	152		
COLUMN 2	2	4.939	4.889	4.989	151	160	
	3	5.116	5.066	5.166	142		
	4	5.158	5.108	5.208	158		
	5	5.373	5.323	5.423	196		
Aroclor-1260	1	7.271	7.221	7.321	166	162	9.71
COLUMN 1	2	7.525	7.475	7.575	198		
	3	7.884	7.834	7.934	137		
	4	8.107	8.057	8.157	159		
	5	8.429	8.379	8.479	149		
	1	6.411	6.361	6.461	162	147	
COLUMN 2	2	6.599	6.549	6.649	159		
	3	6.752	6.702	6.802	151		
	4	7.226	7.176	7.276	132		
	5	7.466	7.416	7.516	132		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

NB-07-022525MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q1422 SAS No.: Q1422 SDG NO.: Q1422

Lab Sample ID: Q1428-01MSD Date(s) Analyzed: 02/26/2025 02/26/2025

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

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

Data file PP070075.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.679	5.629	5.729	139	142	10.67
COLUMN 1	2	5.701	5.651	5.751	143		
	3	5.764	5.714	5.814	137		
	4	5.861	5.811	5.911	147		
	5	6.153	6.103	6.203	142		
	1	4.918	4.868	4.968	147		
COLUMN 2	2	4.938	4.888	4.988	151	158	
	3	5.115	5.065	5.165	142		
	4	5.157	5.107	5.207	156		
	5	5.372	5.322	5.422	193		
Aroclor-1260	1	7.274	7.224	7.324	159	156	10.1
COLUMN 1	2	7.528	7.478	7.578	194		
	3	7.886	7.836	7.936	133		
	4	8.11	8.06	8.16	148		
	5	8.431	8.381	8.481	145		
	1	6.41	6.36	6.46	157		
COLUMN 2	2	6.597	6.547	6.647	156	141	
	3	6.751	6.701	6.801	140		
	4	7.224	7.174	7.274	128		
	5	7.465	7.415	7.515	126		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
 Data File : PP070070.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 13:34
 Operator : YP\AJ
 Sample : Q1422-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 B-154-SB01

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 01:45:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.523	3.828	32487570	21110870	22.136	22.082
2) SA Decachlor...	10.251	8.885	18151058	19207039	15.935	17.717

Target Compounds

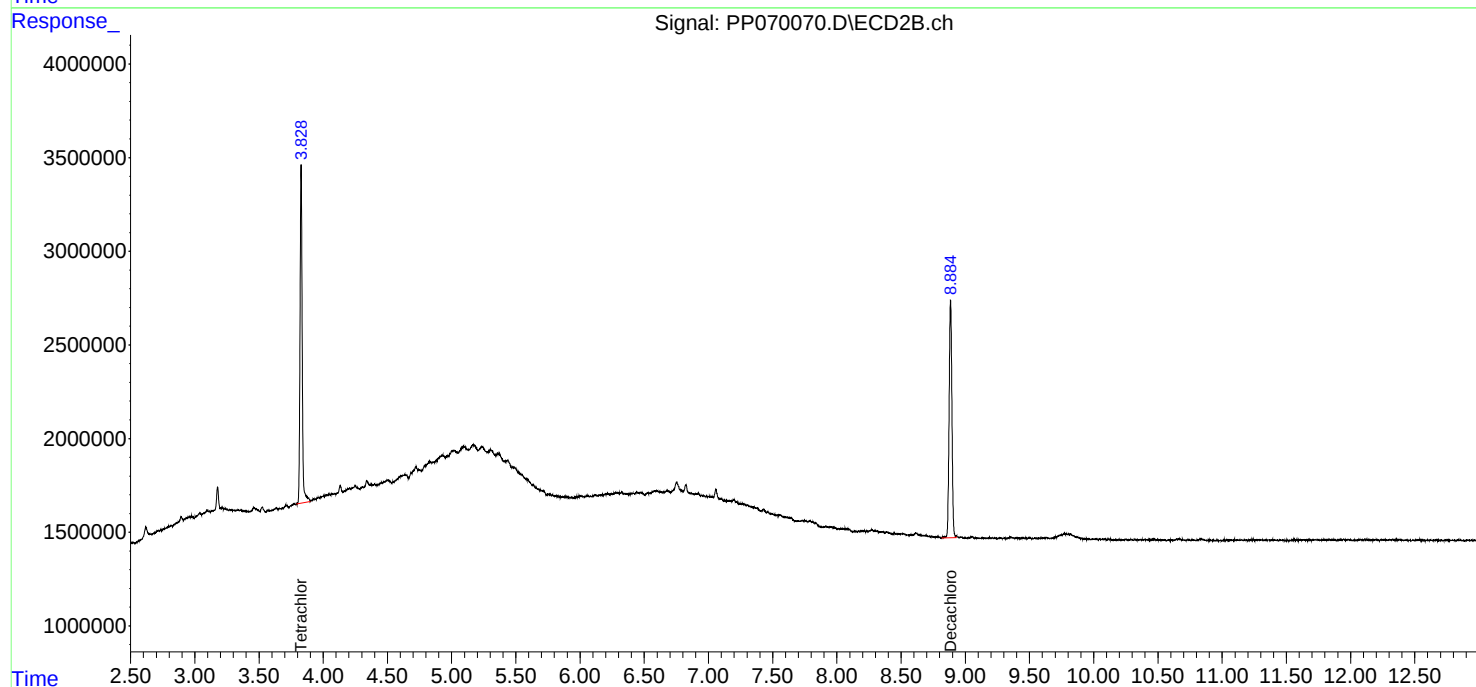
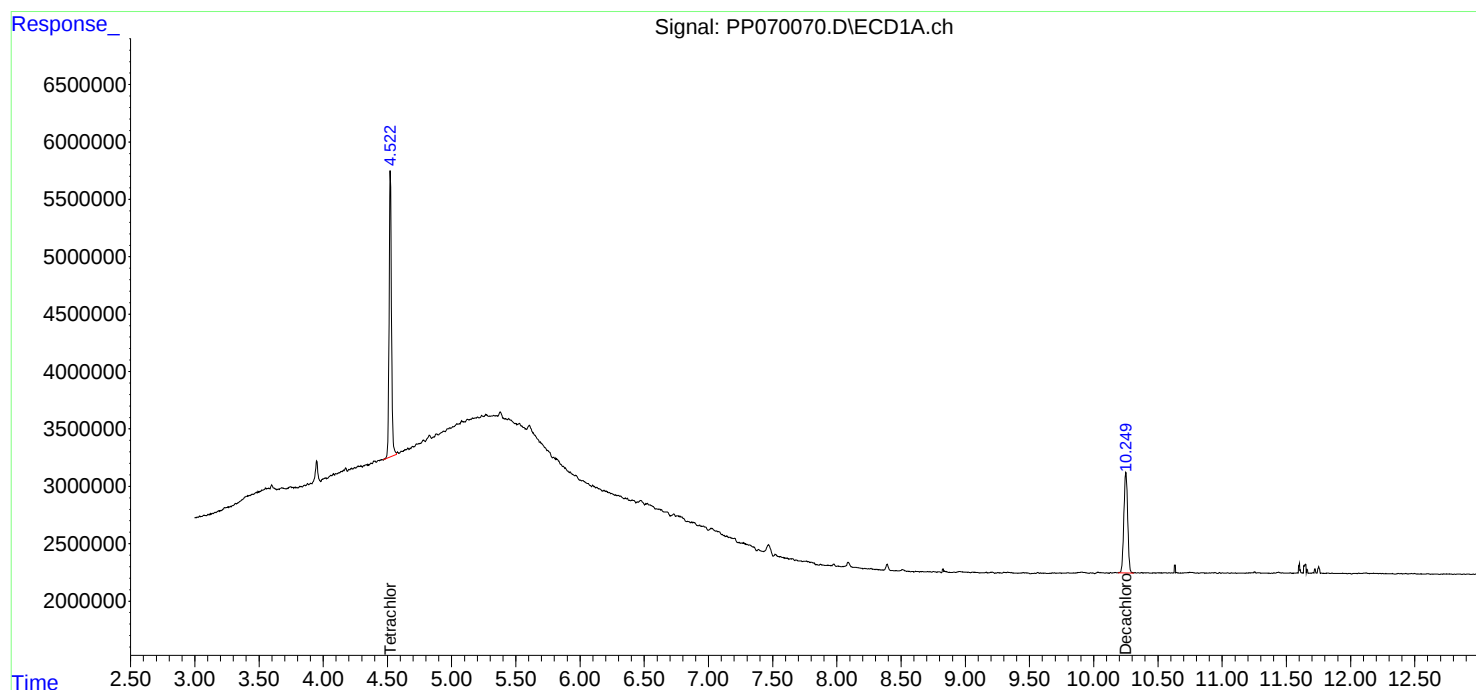
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

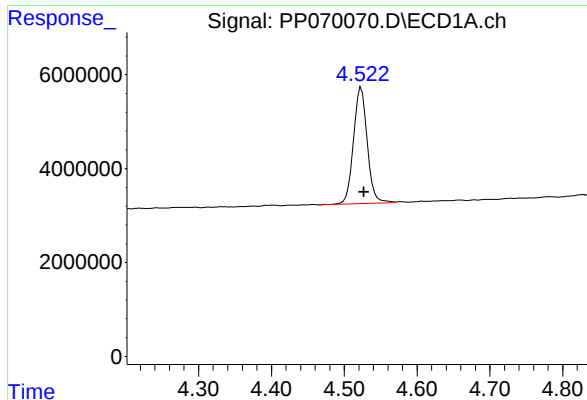
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
Data File : PP070070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 13:34
Operator : YP\AJ
Sample : Q1422-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
B-154-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 01:45:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

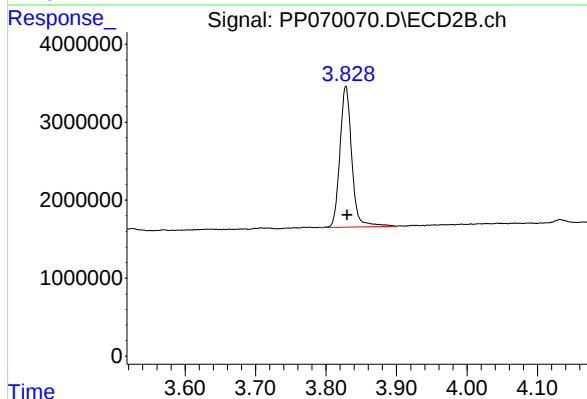




#1 Tetrachloro-m-xylene

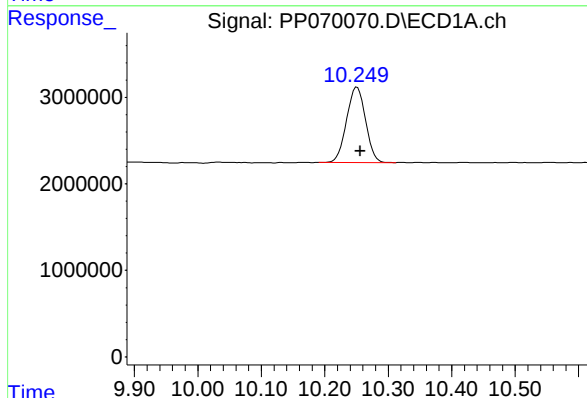
R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 32487570
Conc: 22.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-154-SB01



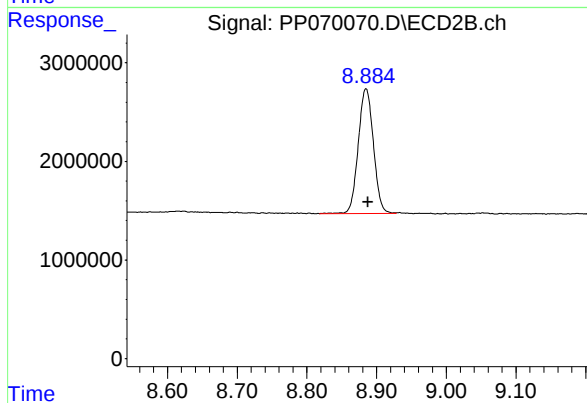
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 21110870
Conc: 22.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.005 min
Response: 18151058
Conc: 15.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.885 min
Delta R.T.: -0.003 min
Response: 19207039
Conc: 17.72 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
 Data File : PP070071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 13:50
 Operator : YP\AJ
 Sample : Q1422-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 B-154-SB02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 01:46:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.525	3.828	34114023	23524864	23.244	24.607
2) SA Decachlor...	10.251	8.884	21108744	20555927	18.532	18.961

Target Compounds

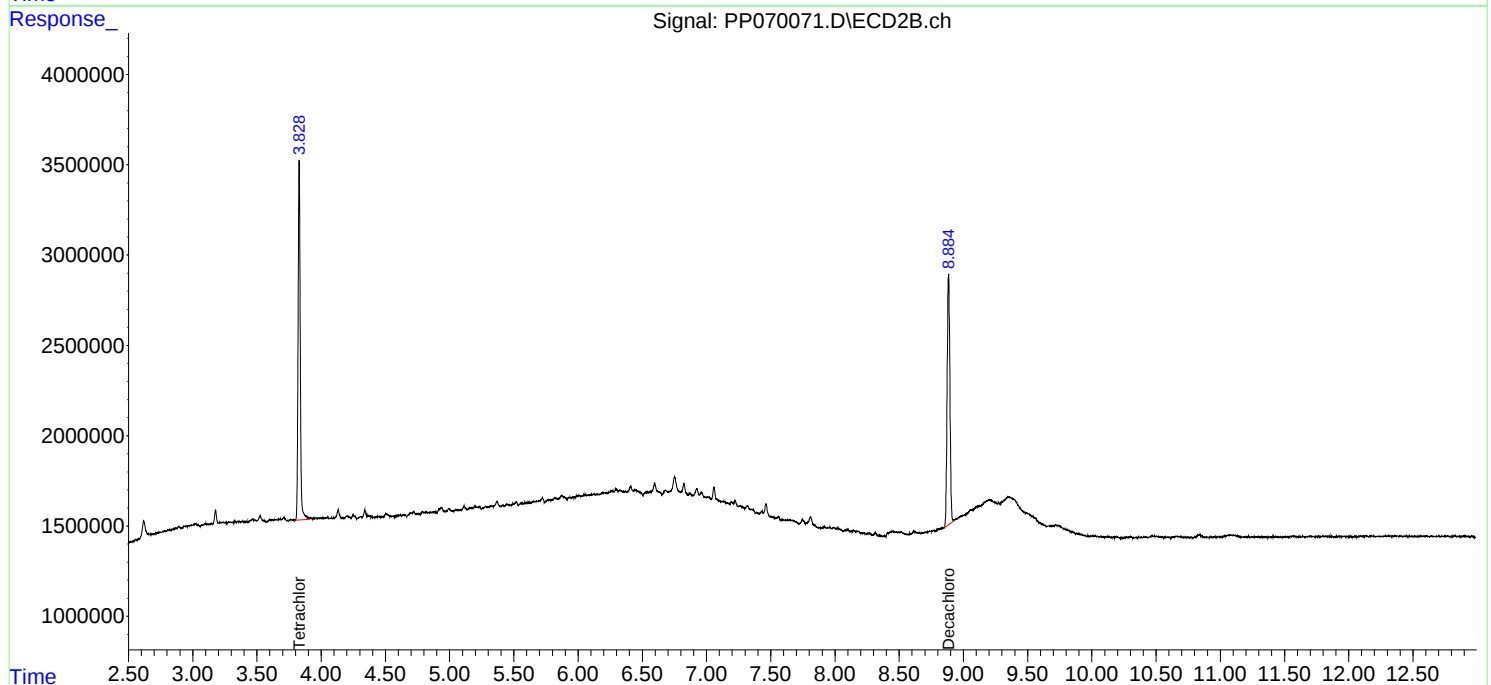
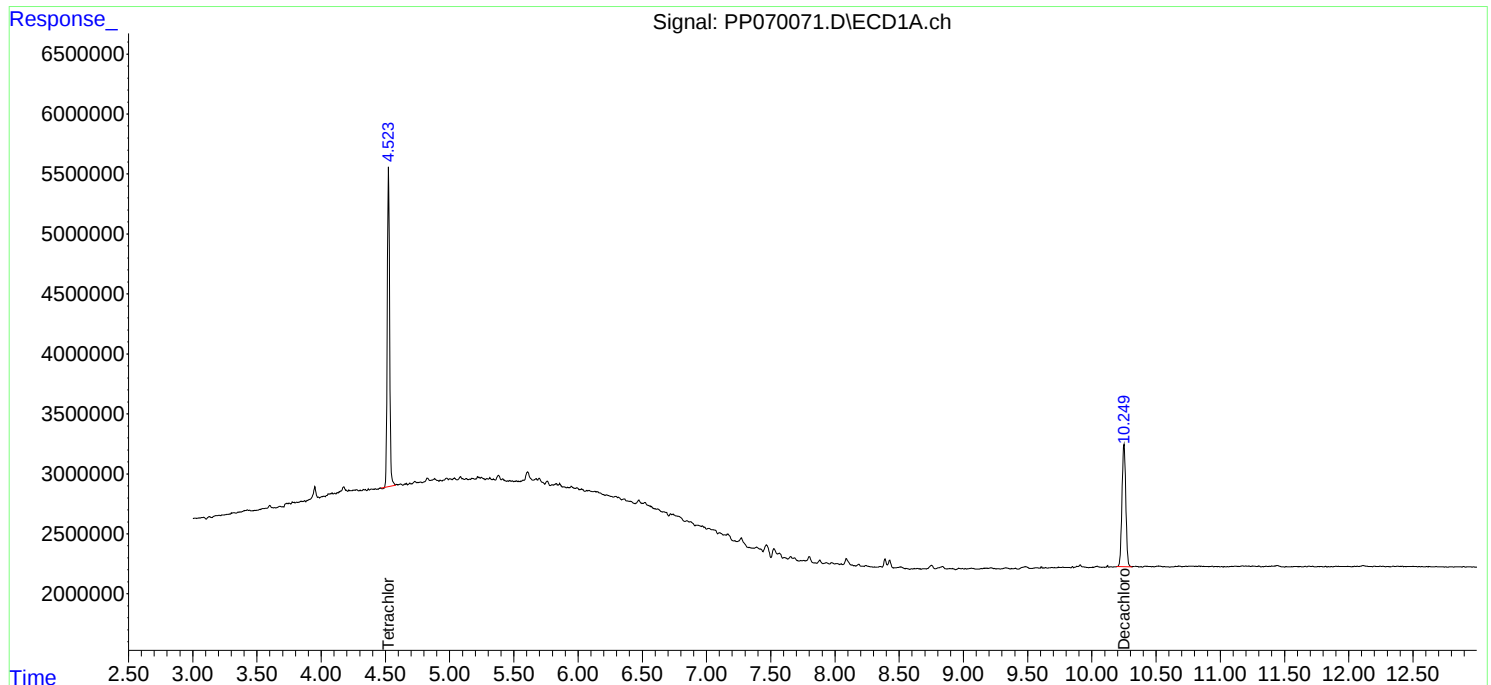
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

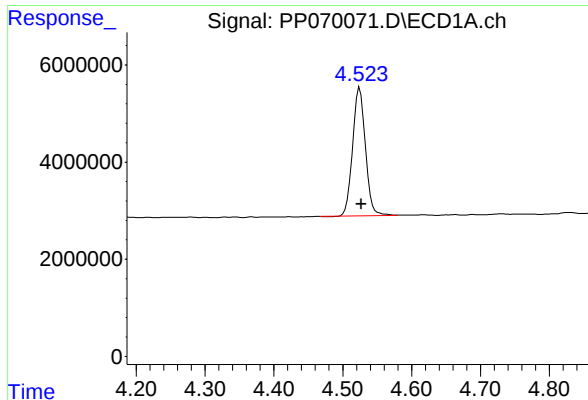
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
Data File : PP070071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 13:50
Operator : YP\AJ
Sample : Q1422-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
B-154-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 01:46:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

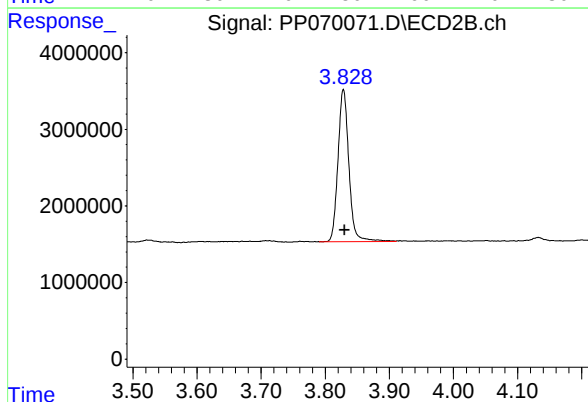




#1 Tetrachloro-m-xylene

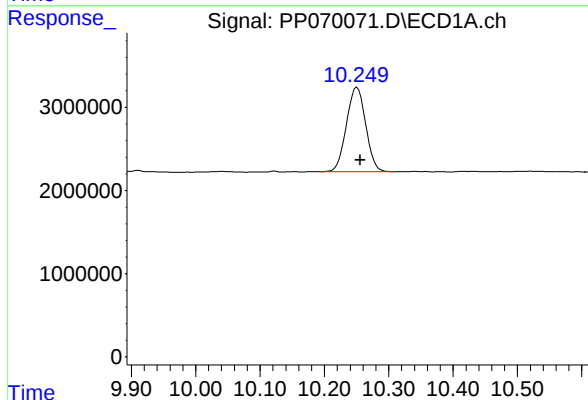
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 34114023
Conc: 23.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-154-SB02



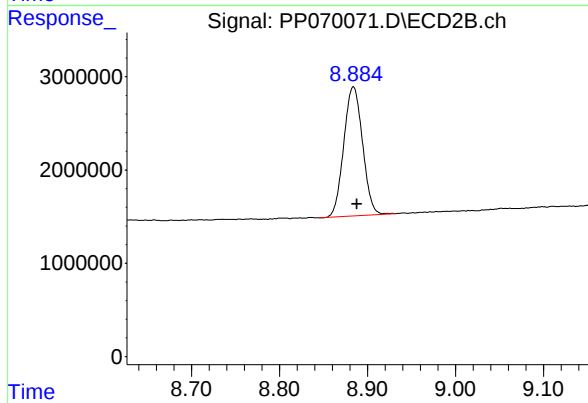
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 23524864
Conc: 24.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.005 min
Response: 21108744
Conc: 18.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.004 min
Response: 20555927
Conc: 18.96 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
 Data File : PP070068.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 13:02
 Operator : YP\AJ
 Sample : PB166872BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB166872BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 01:44:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.532	3.832	38617010	25882076	26.313	27.072
2) SA Decachlor...	10.262	8.889	28591957	25804708	25.102	23.803

Target Compounds

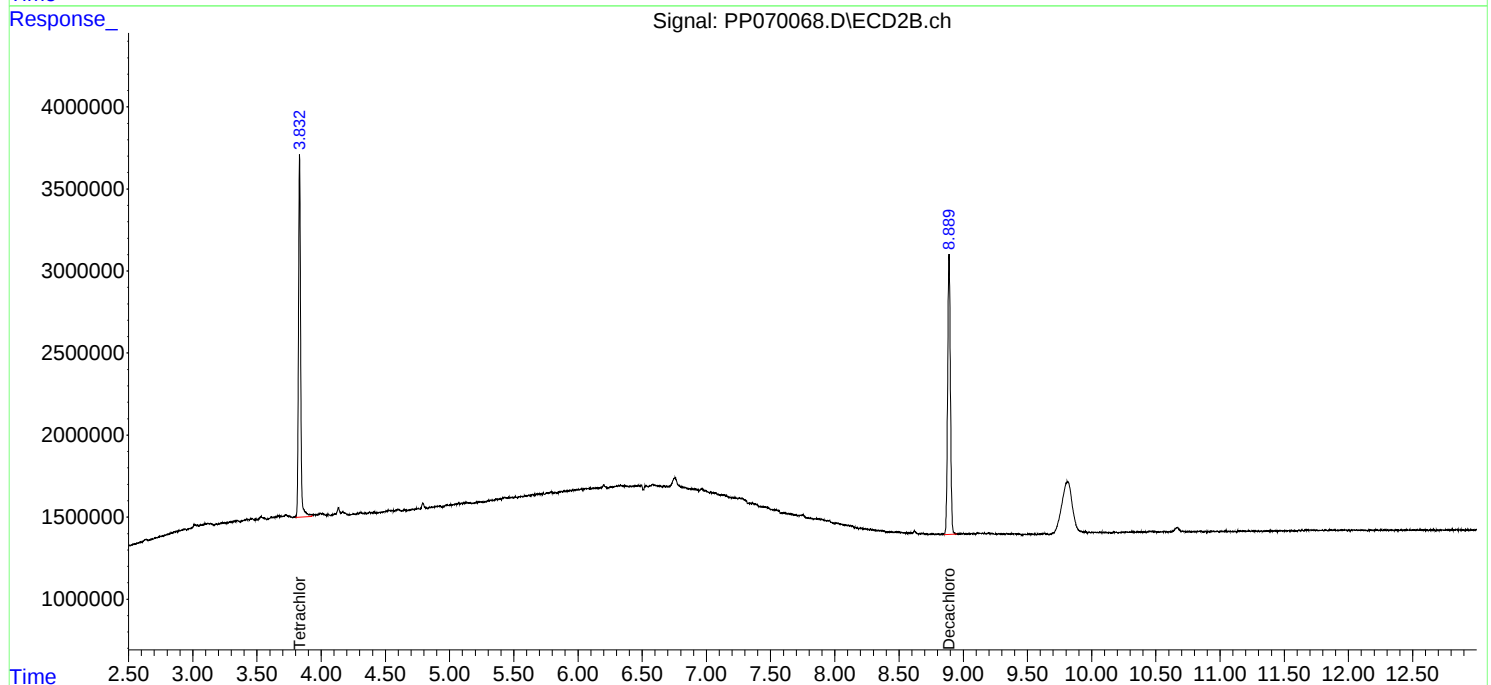
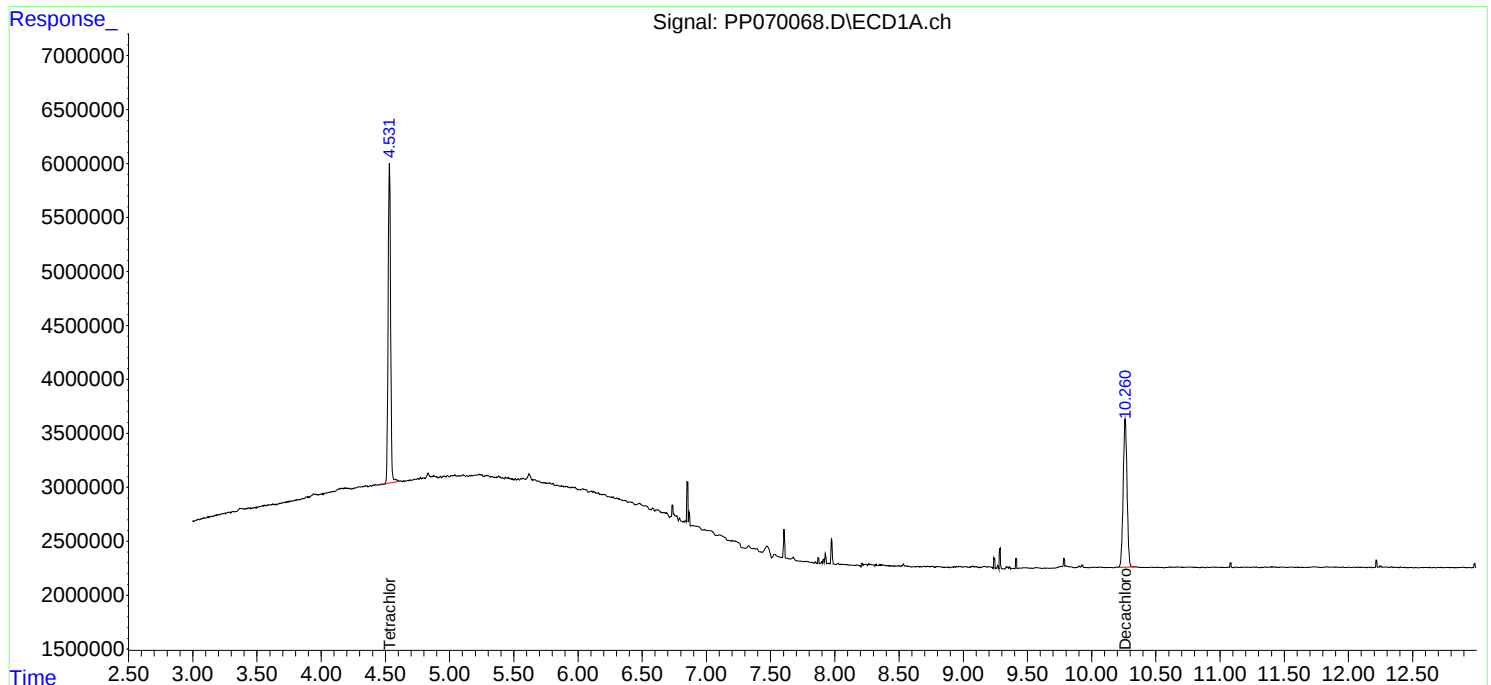
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

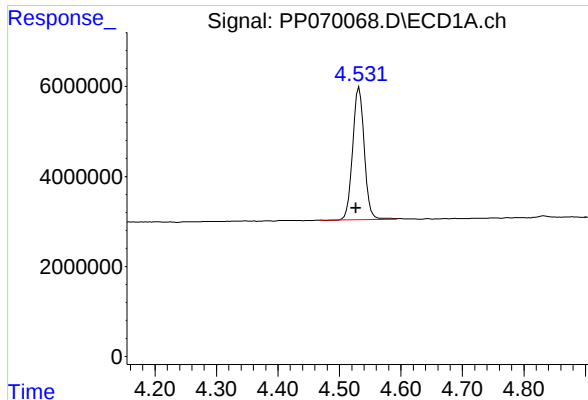
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
Data File : PP070068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 13:02
Operator : YP\AJ
Sample : PB166872BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166872BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 01:44:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

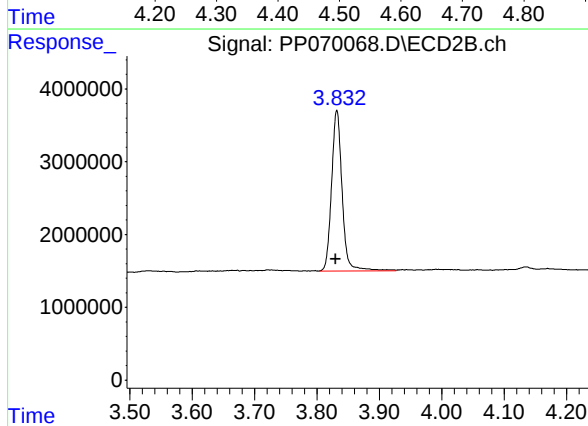




#1 Tetrachloro-m-xylene

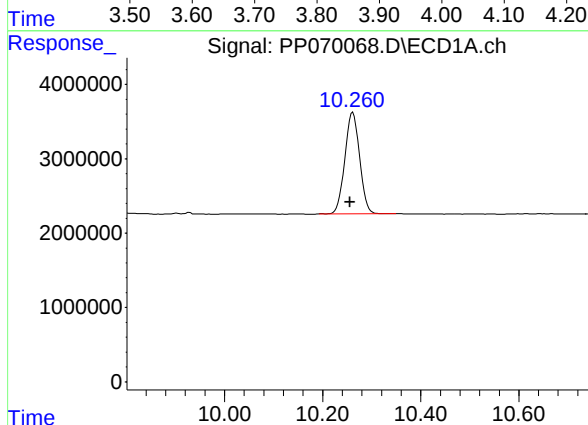
R.T.: 4.532 min
Delta R.T.: 0.005 min
Response: 38617010
Conc: 26.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166872BL



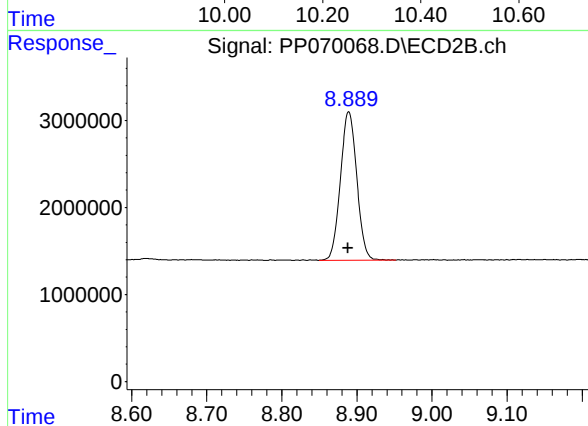
#1 Tetrachloro-m-xylene

R.T.: 3.832 min
Delta R.T.: 0.002 min
Response: 25882076
Conc: 27.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: 0.006 min
Response: 28591957
Conc: 25.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: 0.001 min
Response: 25804708
Conc: 23.80 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
 Data File : PP070069.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 13:18
 Operator : YP\AJ
 Sample : PB166872BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB166872BS

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: Feb 27 01:44:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.830	39414767	24911030	26.856	26.057
2) SA Decachlor...	10.252	8.887	29084895	28743164	25.535	26.513
Target Compounds						
3) L1 AR-1016-1	5.677	4.919	24944081	17531340	500.622	524.913
4) L1 AR-1016-2	5.698	4.938	37276492	24156266	526.668	518.439
5) L1 AR-1016-3	5.761	5.115	22128426	13559730	503.807	541.687
6) L1 AR-1016-4	5.858	5.157	18482804	10561399	509.711	526.210
7) L1 AR-1016-5	6.151	5.372	17448521	13409905	520.253	516.828
31) L7 AR-1260-1	7.271	6.410	32501279	25638584	556.910	517.541
32) L7 AR-1260-2	7.524	6.598	41992505	33779318	513.825	516.345
33) L7 AR-1260-3	7.884	6.752	28835051	29704190	459.442	492.427
34) L7 AR-1260-4	8.108	7.225	30404568	23215294	479.560	475.067
35) L7 AR-1260-5	8.428	7.466	62359736	58147911	475.359	487.921

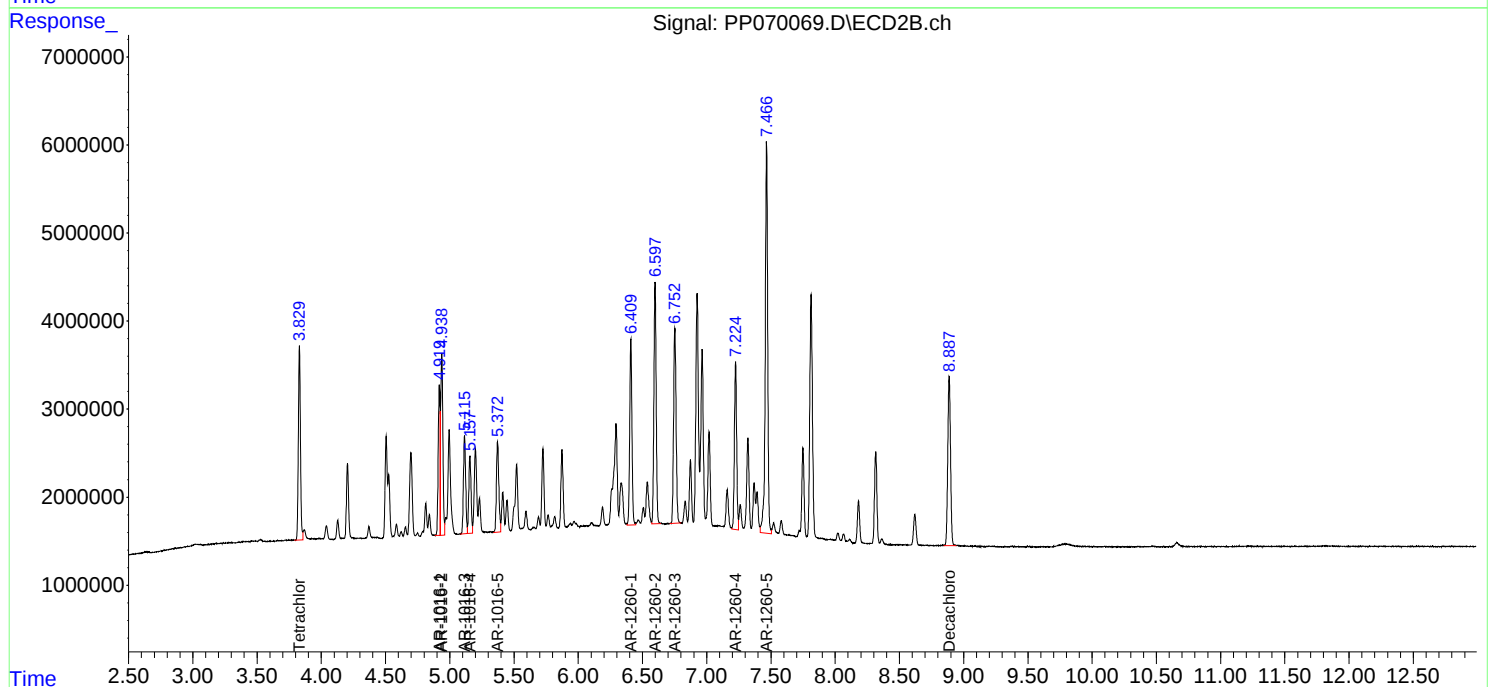
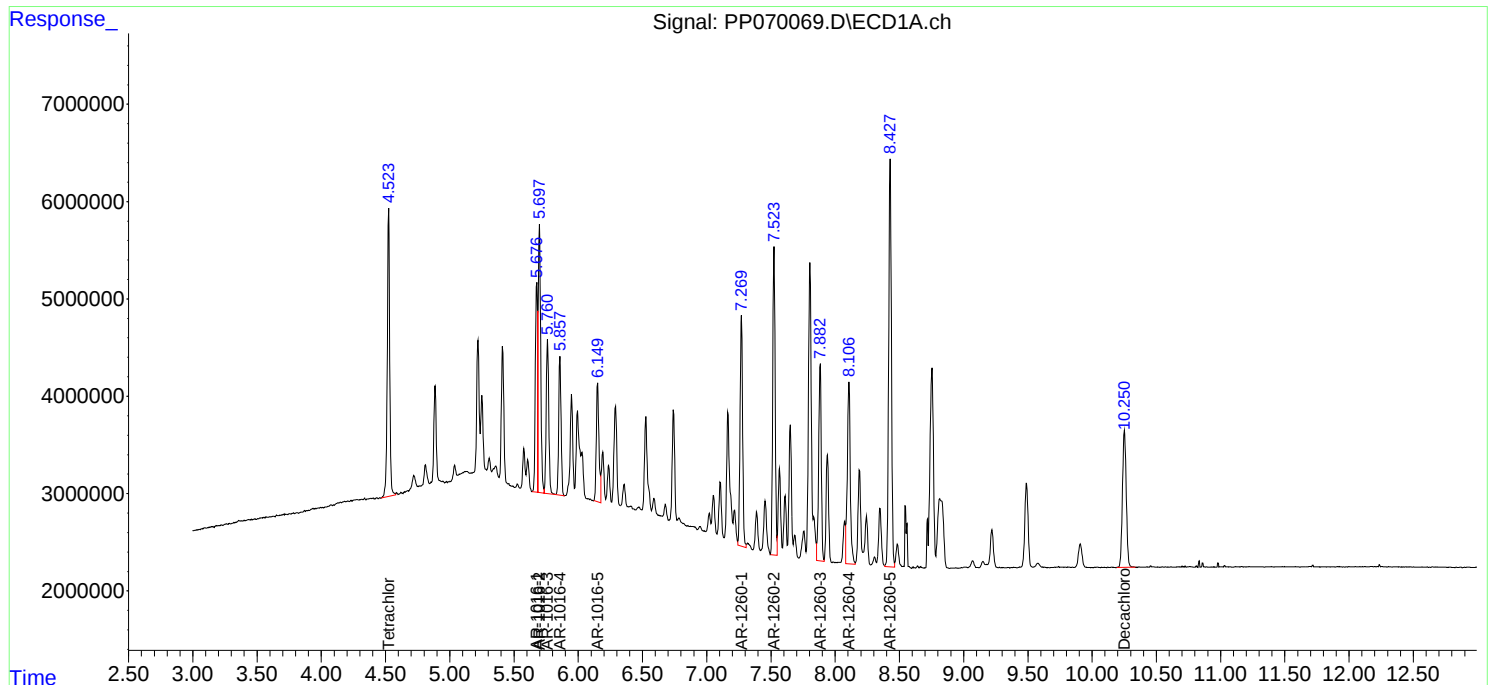
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
Data File : PP070069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 13:18
Operator : YP\AJ
Sample : PB166872BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166872BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 01:44:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
 Data File : PP070074.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 14:55
 Operator : YP\AJ
 Sample : Q1428-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

NB-07-022525MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/27/2025

Supervised By :Ankita Jodhani 02/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 01:47:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.524	3.831	29969464	19983997	20.420m	20.903
2) SA Decachlor...	10.253	8.888	23421243	19874032	20.562	18.332
Target Compounds						
3) L1 AR-1016-1	5.676	4.919	22112829	14288293	443.800m	427.811m
4) L1 AR-1016-2	5.698	4.939	29234679	19807737	413.048m	425.111
5) L1 AR-1016-3	5.760	5.116	17806362	9971157	405.405m	398.330
6) L1 AR-1016-4	5.858	5.158	15828558	8915808	436.513m	444.220
7) L1 AR-1016-5	6.150	5.373	14794822	14303119	441.129m	551.253
31) L7 AR-1260-1	7.271	6.411	27246424	22528343	466.868	454.757
32) L7 AR-1260-2	7.525	6.599	45539100	29274776	557.222	447.489m
33) L7 AR-1260-3	7.884	6.752	24245835	25607249	386.320	424.509m
34) L7 AR-1260-4	8.107	7.226	28316372	18179596	446.623m	372.019
35) L7 AR-1260-5	8.429	7.466	55152664	44122016	420.420	370.229

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
Data File : PP070074.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 14:55
Operator : YP\AJ
Sample : Q1428-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

NB-07-022525MS

Manual Integrations

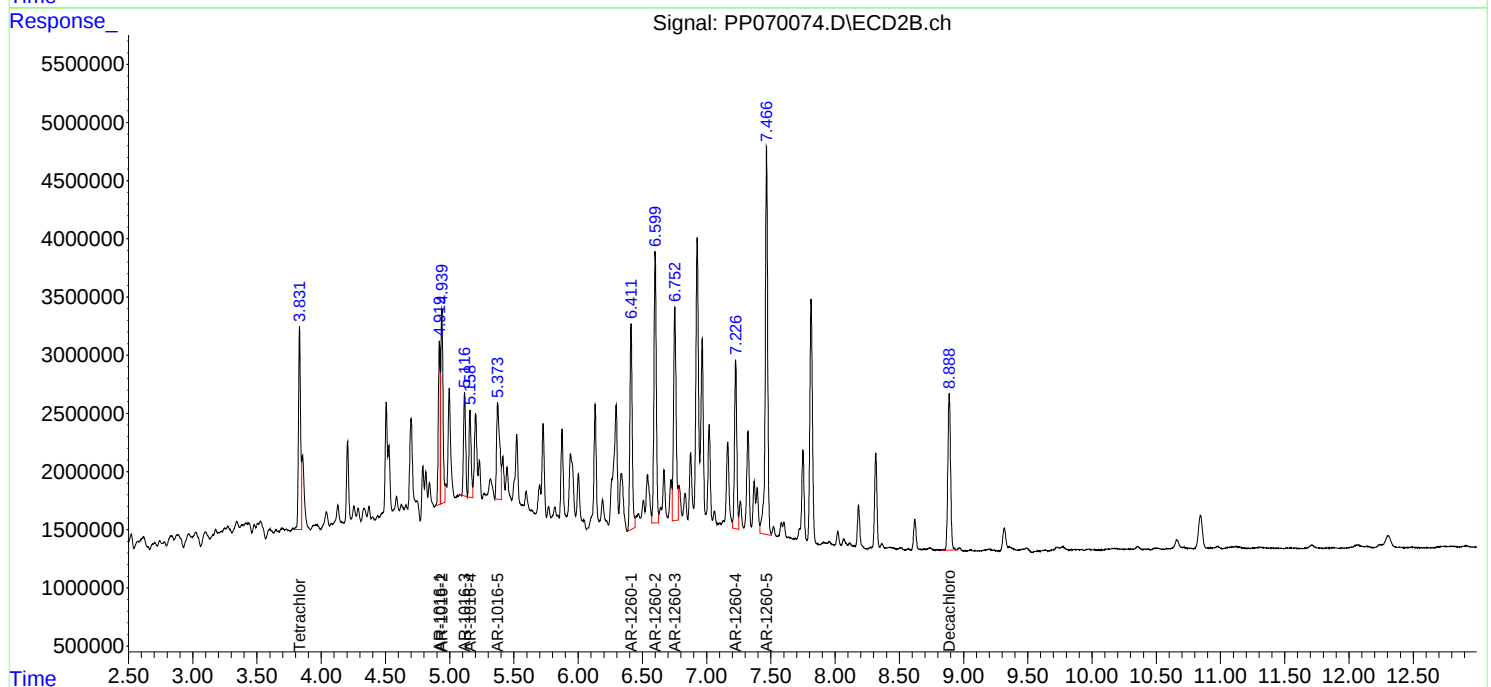
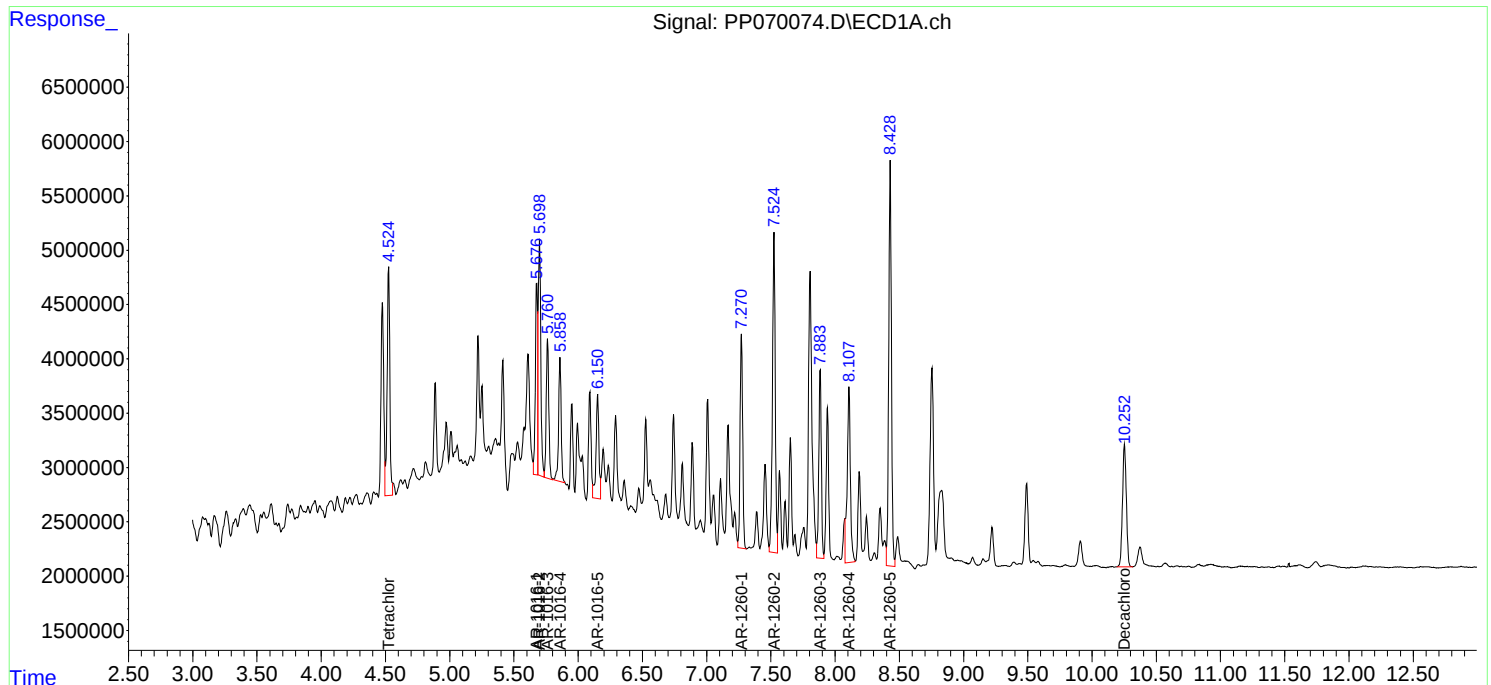
APPROVED

Reviewed By :Yogesh Patel 02/27/2025

Supervised By :Ankita Jodhani 02/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 01:47:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
 Data File : PP070075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2025 15:12
 Operator : YP\AJ
 Sample : Q1428-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 NB-07-022525MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/27/2025
 Supervised By :Ankita Jodhani 02/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 01:48:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 25 05:10:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.526	3.831	28996836	20438424	19.758m	21.378
2) SA Decachlor...	10.256	8.886	23197505	19193698	20.366	17.705
Target Compounds						
3) L1 AR-1016-1	5.679	4.918	19554834	13781960	392.461m	412.651m
4) L1 AR-1016-2	5.701	4.938	28379190	19784403	400.961m	424.610
5) L1 AR-1016-3	5.764	5.115	16972289	10027354	386.415m	400.575
6) L1 AR-1016-4	5.861	5.157	14993688	8807236	413.489m	438.811
7) L1 AR-1016-5	6.153	5.372	13387379	14101090	399.164m	543.467 #
31) L7 AR-1260-1	7.274	6.410	26137719	21853461	447.871	441.134
32) L7 AR-1260-2	7.528	6.597	44497224	28672430	544.473	438.282m
33) L7 AR-1260-3	7.886	6.751	23536747	23825691	375.021	394.975m
34) L7 AR-1260-4	8.110	7.224	26461224	17579689	417.363m	359.743
35) L7 AR-1260-5	8.431	7.465	53625437	42185762	408.778	353.982

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022625\
Data File : PP070075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2025 15:12
Operator : YP\AJ
Sample : Q1428-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

NB-07-022525MSD

Manual Integrations

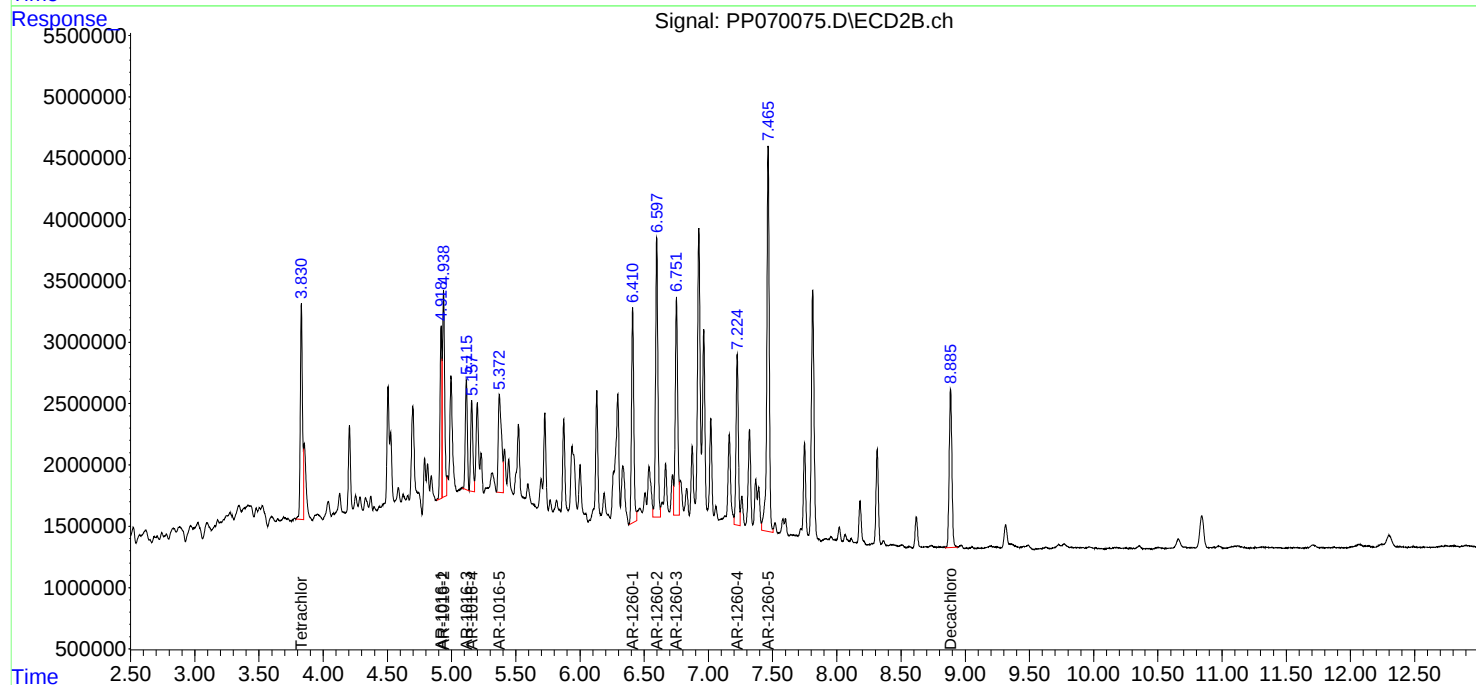
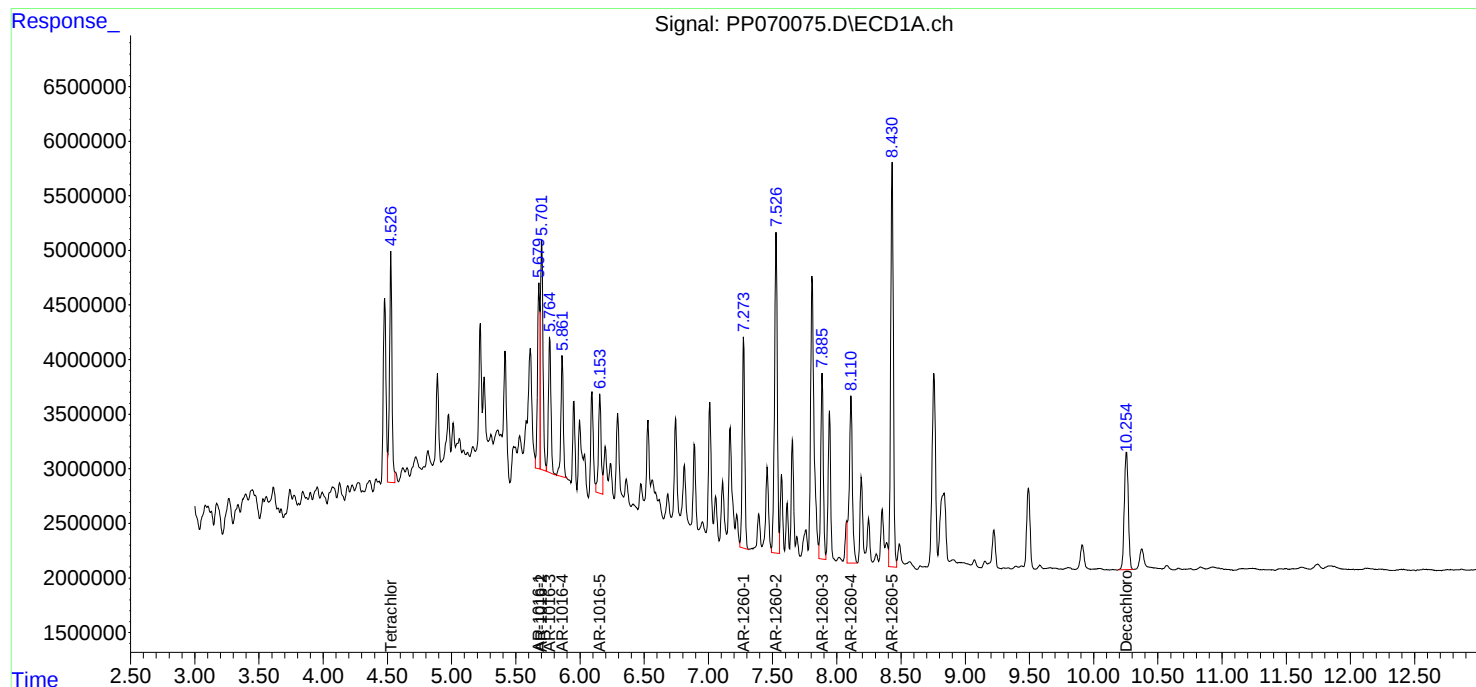
APPROVED

Reviewed By :Yogesh Patel 02/27/2025

Supervised By :Ankita Jodhani 02/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 01:48:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP022425.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Feb 25 05:10:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p
-----------	----------	------------	-------

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

Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p
-----------	----------	------------	-------

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

Manual Integration Report

Sequence:	PP022425	Instrument	ECD_p
-----------	----------	------------	-------

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

Manual Integration Report

Sequence:

PP022425

Instrument

ECD_p

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

Manual Integration Report

Sequence:	PP022625	Instrument	ECD_p
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP070064.D	AR-1242-1	yogesh	2/27/2025 8:28:56 AM	Ankita	2/27/2025 8:54:18	Peak Integrated by Software
AR1242CCC500	PP070064.D	AR-1242-1 #2	yogesh	2/27/2025 8:28:56 AM	Ankita	2/27/2025 8:54:18	Peak Integrated by Software
AR1248CCC500	PP070065.D	AR-1248-1 #2	yogesh	2/27/2025 8:28:57 AM	Ankita	2/27/2025 8:54:19	Peak Integrated by Software
AR1254CCC500	PP070066.D	AR-1254-4 #2	yogesh	2/27/2025 8:28:59 AM	Ankita	2/27/2025 8:54:21	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1016-1	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1016-1 #2	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1016-2	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1016-3	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1016-4	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1016-5	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1260-2 #2	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1260-3 #2	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MS	PP070074.D	AR-1260-4	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software

Manual Integration Report

Sequence:

PP022625

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1428-01MS	PP070074.D	Tetrachloro-m-xylene	yogesh	2/27/2025 8:29:04 AM	Ankita	2/27/2025 8:54:25	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1016-1	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1016-1 #2	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1016-2	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1016-3	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1016-4	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1016-5	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1260-2 #2	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1260-3 #2	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	AR-1260-4	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software
Q1428-01MSD	PP070075.D	Tetrachloro-m-xylene	yogesh	2/27/2025 8:29:09 AM	Ankita	2/27/2025 8:54:27	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

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

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

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

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

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022625

Review By	yogesh	Review On	2/27/2025 8:29:17 AM
Supervise By	Ankita	Supervise On	2/27/2025 8:54:39 AM
SubDirectory	PP022625	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP070062.D	26 Feb 2025 08:59	YP\AJ	Ok
2	AR1660CCC500	PP070063.D	26 Feb 2025 09:15	YP\AJ	Ok
3	AR1242CCC500	PP070064.D	26 Feb 2025 09:31	YP\AJ	Ok,M
4	AR1248CCC500	PP070065.D	26 Feb 2025 09:48	YP\AJ	Ok,M
5	AR1254CCC500	PP070066.D	26 Feb 2025 10:04	YP\AJ	Ok,M
6	I.BLK	PP070067.D	26 Feb 2025 10:52	YP\AJ	Ok
7	PB166872BL	PP070068.D	26 Feb 2025 13:02	YP\AJ	Ok
8	PB166872BS	PP070069.D	26 Feb 2025 13:18	YP\AJ	Ok
9	Q1422-01	PP070070.D	26 Feb 2025 13:34	YP\AJ	Ok
10	Q1422-02	PP070071.D	26 Feb 2025 13:50	YP\AJ	Ok
11	Q1427-01	PP070072.D	26 Feb 2025 14:07	YP\AJ	Ok,M
12	Q1428-01	PP070073.D	26 Feb 2025 14:39	YP\AJ	Ok,M
13	Q1428-01MS	PP070074.D	26 Feb 2025 14:55	YP\AJ	Ok,M
14	Q1428-01MSD	PP070075.D	26 Feb 2025 15:12	YP\AJ	Ok,M
15	AR1660CCC500	PP070076.D	26 Feb 2025 16:31	YP\AJ	Ok
16	I.BLK	PP070077.D	26 Feb 2025 16:47	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

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

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

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022425

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

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

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP022625

Review By	yogesh	Review On	2/27/2025 8:29:17 AM
Supervise By	Ankita	Supervise On	2/27/2025 8:54:39 AM
SubDirectory	PP022625	HP Acquire Method	HP Processing Method PP022425
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP 23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775		
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773		
Internal Standard/PEM			
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP070062.D	26 Feb 2025 08:59		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP070063.D	26 Feb 2025 09:15		YPIAJ	Ok
3	AR1242CCC500	AR1242CCC500	PP070064.D	26 Feb 2025 09:31		YPIAJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP070065.D	26 Feb 2025 09:48		YPIAJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP070066.D	26 Feb 2025 10:04		YPIAJ	Ok,M
6	I.BLK	I.BLK	PP070067.D	26 Feb 2025 10:52		YPIAJ	Ok
7	PB166872BL	PB166872BL	PP070068.D	26 Feb 2025 13:02		YPIAJ	Ok
8	PB166872BS	PB166872BS	PP070069.D	26 Feb 2025 13:18		YPIAJ	Ok
9	Q1422-01	B-154-SB01	PP070070.D	26 Feb 2025 13:34		YPIAJ	Ok
10	Q1422-02	B-154-SB02	PP070071.D	26 Feb 2025 13:50		YPIAJ	Ok
11	Q1427-01	VNJ-227	PP070072.D	26 Feb 2025 14:07		YPIAJ	Ok,M
12	Q1428-01	NB-07-022525	PP070073.D	26 Feb 2025 14:39		YPIAJ	Ok,M
13	Q1428-01MS	NB-07-022525MS	PP070074.D	26 Feb 2025 14:55		YPIAJ	Ok,M
14	Q1428-01MSD	NB-07-022525MSD	PP070075.D	26 Feb 2025 15:12		YPIAJ	Ok,M
15	AR1660CCC500	AR1660CCC500	PP070076.D	26 Feb 2025 16:31		YPIAJ	Ok
16	I.BLK	I.BLK	PP070077.D	26 Feb 2025 16:47		YPIAJ	Ok

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 02/26/2025

Extraction Start Time : 09:25

Extraction End Date : 02/26/2025

Extraction End Time : 12:25

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24093
Surrogate	1.0ML	200 PPB	PP24123
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2583
Baked Na2SO4	N/A	EP2589
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2565
Hexane	N/A	E3877
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

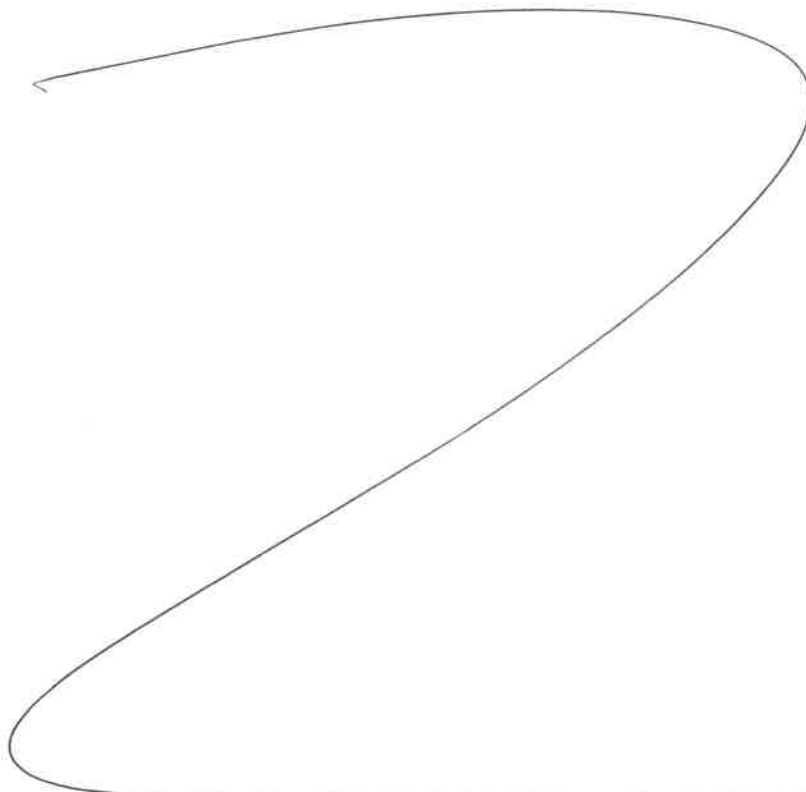
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/26/25	RS (Ext Lab)	ATL TEST PCA Lab
12:30	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 02/26/2025

Sample ID	Client Sample ID	Test	g mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166872BL	ABLK872	PCB	30.01	N/A	ritesh	Evelyn	10			U7-1
PB166872BS	ALCS872	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q1422-01	B-154-SB01	PCB	30.07	N/A	ritesh	Evelyn	10	E		3
Q1422-02	B-154-SB02	PCB	30.03	N/A	ritesh	Evelyn	10	E		4
Q1427-01	VNJ-227	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q1428-01	NB-07-022525	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q1428-01MS	NB-07-022525MS	PCB	30.05	N/A	ritesh	Evelyn	10	E		U2-1
Q1428-01MS D	NB-07-022525MSD	PCB	30.06	N/A	ritesh	Evelyn	10	E		2



RS
2/26

PB 166832
9:25

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1428PCB

WorkList ID : 187889

Department : Extraction

Date : 02-26-2025 08:48:54

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1422-01	B-154-SB01	Solid	PCB	Cool 4 deg C	PORT06	H33	02/23/2025	8082A
Q1422-02	B-154-SB02	Solid	PCB	Cool 4 deg C	PORT06	H33	02/23/2025	8082A
Q1427-01	VNJ-227	Solid	PCB	Cool 4 deg C	PSEG03	H21	02/25/2025	8082A
Q1428-01	NB-07-022525	Solid	PCB	Cool 4 deg C	PSEG05	H21	02/25/2025	8082A

Date/Time 2/26/25 9:20
Raw Sample Received by: RJ (Ext-66)
Raw Sample Relinquished by: AL Sm

Date/Time 2/26/25 9:45
Raw Sample Received by: AL Sm
Raw Sample Relinquished by: RJ (Ext-66)

LAB CHRONICLE

OrderID:	Q1422	OrderDate:	2/25/2025 10:47:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	H33,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1422-01	B-154-SB01	SOIL	PCB	8082A	02/23/25	02/26/25	02/26/25	02/25/25
Q1422-02	B-154-SB02	SOIL	PCB	8082A	02/23/25	02/26/25	02/26/25	02/25/25