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Hit Summary Sheet
SW-846

SDG No.: Q1488

Order ID: Q1488

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/11/25	
Client Sample ID:	PB167020TB		SDG No.:	Q1488	
Lab Sample ID:	PB167020TB		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094684.D	1	03/11/25 11:54	03/13/25 17:33	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.7		30 (43) - 150 (140)	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		30 (77) - 150 (126)	88%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-101-SB01		SDG No.:	Q1488	
Lab Sample ID:	Q1488-02		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094647.D	1	03/11/25 11:54	03/12/25 18:15	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.1		30 (43) - 150 (140)	125%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		30 (77) - 150 (126)	105%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-101-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-04	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Decanted:	
GPC Factor :	1.0	Final Vol:	10000
Prep Method :	SW3541B	Test:	TCLP Pesticide
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094650.D	1	03/11/25 11:54	03/12/25 18:56	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.1		30 (43) - 150 (140)	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		30 (77) - 150 (126)	109%	SPK: 20

Comments:

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MDL = Method Detection Limit

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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

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D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB01	SDG No.:	Q1488
Lab Sample ID:	Q1488-06	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094654.D	1	03/11/25 11:54	03/12/25 20:05	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	28.5		30 (43) - 150 (140)	143%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		30 (77) - 150 (126)	111%	SPK: 20

Comments:

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-102-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-08	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094655.D	1	03/11/25 11:54	03/12/25 20:19	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	27.2		30 (43) - 150 (140)	136%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		30 (77) - 150 (126)	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:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-104-SB01		SDG No.:	Q1488	
Lab Sample ID:	Q1488-10		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094656.D	1	03/11/25 11:54	03/12/25 20:33	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	26.1		30 (43) - 150 (140)	131%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		30 (77) - 150 (126)	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:	03/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/04/25
Client Sample ID:	ENV-104-SB02	SDG No.:	Q1488
Lab Sample ID:	Q1488-12	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094657.D	1	03/11/25 11:54	03/12/25 20:46	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	27.5		30 (43) - 150 (140)	137%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		30 (77) - 150 (126)	106%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q1488**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL094566.D	PIBLK-PL094566.D	Decachlorobiphenyl	1	20	22.7	114		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.6	103		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.0	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.2	101		30 (77)	150 (126)
I.BLK-PL094639.D	PIBLK-PL094639.D	Decachlorobiphenyl	1	20	24.1	121		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.0	105		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	23.8	119		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.0	105		30 (77)	150 (126)
Q1488-02	ENV-101-SB01	Decachlorobiphenyl	1	20	25.1	125		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.7	99		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	23.8	119		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.0	105		30 (77)	150 (126)
Q1488-02MS	ENV-101-SB01MS	Decachlorobiphenyl	1	20	27.9	139		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.6	103		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	26.8	134		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.6	108		30 (77)	150 (126)
Q1488-02MSD	ENV-101-SB01MSD	Decachlorobiphenyl	1	20	27.8	139		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.9	104		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	26.7	133		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.8	109		30 (77)	150 (126)
Q1488-04	ENV-101-SB02	Decachlorobiphenyl	1	20	23.3	116		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.8	99		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	24.1	120		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.9	109		30 (77)	150 (126)
I.BLK-PL094651.D	PIBLK-PL094651.D	Decachlorobiphenyl	1	20	26.8	134		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	22.0	110		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	24.6	123		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	22.4	112		30 (77)	150 (126)
Q1488-06	ENV-102-SB01	Decachlorobiphenyl	1	20	28.5	143		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	22.1	111		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	27.1	135		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.5	108		30 (77)	150 (126)
Q1488-08	ENV-102-SB02	Decachlorobiphenyl	1	20	27.2	136		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.6	103		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	25.9	130		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.5	102		30 (77)	150 (126)
Q1488-10	ENV-104-SB01	Decachlorobiphenyl	1	20	26.1	131		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.9	99		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	25.0	125		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.5	102		30 (77)	150 (126)
Q1488-12	ENV-104-SB02	Decachlorobiphenyl	1	20	27.5	137		30 (43)	150 (140)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **Q1488**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q1488-12	ENV-104-SB02	Tetrachloro-m-xylene	1	20	20.4	102		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	26.5	133		30 (43)	150 (140)
I.BLK-PL094663.D	PIBLK-PL094663.D	Tetrachloro-m-xylene	2	20	21.3	106		30 (77)	150 (126)
		Decachlorobiphenyl	1	20	28.3	141		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	23.2	116		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	26.4	132		30 (43)	150 (140)
I.BLK-PL094676.D	PIBLK-PL094676.D	Tetrachloro-m-xylene	2	20	23.4	117		30 (77)	150 (126)
		Decachlorobiphenyl	1	20	23.1	115		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.2	91		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.0	105		30 (43)	150 (140)
PB167091BL	PB167091BL	Tetrachloro-m-xylene	2	20	18.9	94		30 (77)	150 (126)
		Decachlorobiphenyl	1	20	25.8	129		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.2	106		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.2	106		30 (43)	150 (140)
PB167091BS	PB167091BS	Tetrachloro-m-xylene	2	20	21.9	109		30 (77)	150 (126)
		Decachlorobiphenyl	1	20	24.4	122		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.2	96		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.0	100		30 (43)	150 (140)
PB167020TB	PB167020TB	Tetrachloro-m-xylene	2	20	20.8	104		30 (77)	150 (126)
		Decachlorobiphenyl	1	20	21.7	108		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	17.1	86		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	17.9	90		30 (43)	150 (140)
I.BLK-PL094694.D	PIBLK-PL094694.D	Tetrachloro-m-xylene	2	20	17.6	88		30 (77)	150 (126)
		Decachlorobiphenyl	1	20	24.5	123		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.3	97		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	22.5	112		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.2	96		30 (77)	150 (126)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

DataFile : PL094648.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD Qual	Low	Limits High	RPD
Client Sample ID:	ENV-101-SB01MS									
Q1488-02MS	gamma-BHC (Lindane)	5	0	7.40	ug/L	148		30 (60)	150 (152)	
	Heptachlor	5	0	5.40	ug/L	108		30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.60	ug/L	112		30 (77)	150 (143)	
	Endrin	5	0	5.80	ug/L	116		30 (76)	150 (144)	
	Methoxychlor	5	0	5.70	ug/L	114		30 (70)	150 (142)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

DataFile : PL094649.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: Q1488-02MSD	ENV-101-SB01MSD											
	gamma-BHC (Lindane)	5	0	7.30	ug/L	146		1		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.40	ug/L	108		0		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.60	ug/L	112		0		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.80	ug/L	116		0		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	5.60	ug/L	112		2		30 (70)	150 (142)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1488

Client: Portal Partners Tri-Venture

Analytical Method: **8081B**

Datafile : PL094683.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167091BS	gamma-BHC (Lindane)	0.5	0.48	ug/L	95				40 (82)	140 (129)	
	Heptachlor	0.5	0.47	ug/L	95				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.48	ug/L	97				40 (81)	140 (124)	
	Endrin	0.5	0.49	ug/L	98				40 (81)	140 (128)	
	Methoxychlor	0.5	0.53	ug/L	106				40 (78)	140 (108)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167091BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1488

SAS No.: Q1488 SDG NO.: Q1488

Lab Sample ID: PB167091BL

Lab File ID: PL094682.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/11/2025

Date Analyzed (1): 03/13/2025

Date Analyzed (2): 03/13/2025

Time Analyzed (1): 16:34

Time Analyzed (2): 16:34

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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
ENV-101-SB01	Q1488-02	PL094647.D	03/12/2025	03/12/2025
ENV-101-SB01MS	Q1488-02MS	PL094648.D	03/12/2025	03/12/2025
ENV-101-SB01MSD	Q1488-02MSD	PL094649.D	03/12/2025	03/12/2025
ENV-101-SB02	Q1488-04	PL094650.D	03/12/2025	03/12/2025
ENV-102-SB01	Q1488-06	PL094654.D	03/12/2025	03/12/2025
ENV-102-SB02	Q1488-08	PL094655.D	03/12/2025	03/12/2025
ENV-104-SB01	Q1488-10	PL094656.D	03/12/2025	03/12/2025
ENV-104-SB02	Q1488-12	PL094657.D	03/12/2025	03/12/2025
PB167091BS	PB167091BS	PL094683.D	03/13/2025	03/13/2025
PB167020TB	PB167020TB	PL094684.D	03/13/2025	03/13/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167091BL	SDG No.:	Q1488
Lab Sample ID:	PB167091BL	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094682.D	1	03/11/25 11:54	03/13/25 16:34	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.8		30 (43) - 150 (140)	129%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		30 (77) - 150 (126)	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:	03/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/11/25
Client Sample ID:	PIBLK-PL094566.D	SDG No.:	Q1488
Lab Sample ID:	I.BLK-PL094566.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094566.D	1		03/11/25	PL031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		30 (43) - 150 (140)	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		30 (77) - 150 (126)	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:	03/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/12/25
Client Sample ID:	PIBLK-PL094639.D	SDG No.:	Q1488
Lab Sample ID:	I.BLK-PL094639.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094639.D	1		03/12/25	PL031225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.1		30 (43) - 150 (140)	121%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		30 (77) - 150 (126)	105%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/12/25
Client Sample ID:	PIBLK-PL094651.D	SDG No.:	Q1488
Lab Sample ID:	I.BLK-PL094651.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094651.D	1		03/12/25	PL031225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	26.8		30 (43) - 150 (140)	134%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.4		30 (77) - 150 (126)	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:	03/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/12/25
Client Sample ID:	PIBLK-PL094663.D	SDG No.:	Q1488
Lab Sample ID:	I.BLK-PL094663.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094663.D	1		03/12/25	PL031225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	28.3		30 (43) - 150 (140)	141%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.4		30 (77) - 150 (126)	117%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/13/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/13/25	
Client Sample ID:	PIBLK-PL094676.D		SDG No.:	Q1488	
Lab Sample ID:	I.BLK-PL094676.D		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094676.D	1		03/13/25	PL031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.1		30 (43) - 150 (140)	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		30 (77) - 150 (126)	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	03/13/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	03/13/25
Client Sample ID:	PIBLK-PL094694.D	SDG No.:	Q1488
Lab Sample ID:	I.BLK-PL094694.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094694.D	1		03/13/25	PL031325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.5		30 (43) - 150 (140)	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		30 (77) - 150 (126)	97%	SPK: 20

Comments:

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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:	PB167091BS	SDG No.:	Q1488
Lab Sample ID:	PB167091BS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094683.D	1	03/11/25 11:54	03/13/25 17:20	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.48		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.47		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.48		0.0096	0.050	ug/L
72-20-8	Endrin	0.49		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.53		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.4		30 (43) - 150 (140)	122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		30 (77) - 150 (126)	104%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-101-SB01MS		SDG No.:	Q1488	
Lab Sample ID:	Q1488-02MS		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094648.D	1	03/11/25 11:54	03/12/25 18:29	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.40		0.037	0.50	ug/L
76-44-8	Heptachlor	5.40		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.60		0.096	0.50	ug/L
72-20-8	Endrin	5.80		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.70		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	27.9		30 (43) - 150 (140)	139%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		30 (77) - 150 (126)	108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	03/04/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	03/04/25	
Client Sample ID:	ENV-101-SB01MSD		SDG No.:	Q1488	
Lab Sample ID:	Q1488-02MSD		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094649.D	1	03/11/25 11:54	03/12/25 18:42	PB167091

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	7.30		0.037	0.50	ug/L
76-44-8	Heptachlor	5.40		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.60		0.096	0.50	ug/L
72-20-8	Endrin	5.80		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.60		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	27.8		30 (43) - 150 (140)	139%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		30 (77) - 150 (126)	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



CALIBRATION SUMMARY

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

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

[illegible]

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

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

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

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025
Calibration Times: 10:35 11:29

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

LAB FILE ID:		CF 100 = <u>PL094569.D</u>		CF 075 = <u>PL094570.D</u>			
CF 050 = <u>PL094571.D</u>		CF 025 = <u>PL094572.D</u>		CF 005 = <u>PL094573.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	1938960000	1961100000	2020410000	2196220000	2420590000	2107460000	10
Endrin	2585940000	2584670000	2628790000	2810860000	3250100000	2772070000	10
gamma-BHC (Lindane)	3886090000	3824550000	3841420000	4060770000	4338530000	3990270000	5
Heptachlor	3645730000	3661000000	3717820000	3965990000	4417600000	3881630000	8
Heptachlor epoxide	3127680000	3124100000	3197280000	3386170000	3890740000	3345200000	10
Methoxychlor	1109170000	1148450000	1148150000	1275940000	1303650000	1197070000	7
Tetrachloro-m-xylene	2677630000	2681900000	2722740000	2922670000	3148400000	2830670000	7

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

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

Instrument ID: ECD_L **Calibration Date(s):** 03/11/2025 03/11/2025
Calibration Times: 10:35 11:29

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

LAB FILE ID:		CF 100 =	<u>PL094569.D</u>	CF 075 =	<u>PL094570.D</u>		
CF 050 =	<u>PL094571.D</u>	CF 025 =	<u>PL094572.D</u>	CF 005 =	<u>PL094573.D</u>		
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	3950320000	3868520000	3903950000	4095240000	4378770000	4039360000	5
Endrin	4434550000	4325290000	4326060000	4330520000	4401830000	4363650000	1
gamma-BHC (Lindane)	5372230000	5230100000	5132530000	5070750000	4891640000	5139450000	3
Heptachlor	5363060000	5262730000	5228770000	5273220000	5215450000	5268650000	1
Heptachlor epoxide	4619190000	4519300000	4529520000	4593130000	4631780000	4578580000	1
Methoxychlor	2089160000	2085630000	2099350000	2155560000	2175640000	2121070000	2
Tetrachloro-m-xylene	3572520000	3517330000	3502400000	3623970000	3630140000	3569270000	2

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

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

Instrument ID: ECD_L Date(s) Analyzed: 03/11/2025 03/11/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.70	4.60	4.80	134630000
		2	5.23	5.13	5.33	144652000
		3	5.94	5.84	6.04	464863000
		4	6.02	5.92	6.12	547710000
		5	6.87	6.77	6.97	104488000
Toxaphene	500	1	6.24	6.14	6.34	25951700
		2	6.44	6.34	6.54	16397600
		3	7.06	6.96	7.16	82030600
		4	7.15	7.05	7.25	62943200
		5	7.93	7.83	8.03	45040400

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

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

Instrument ID: ECD_L **Date(s) Analyzed:** 03/11/2025 03/11/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.77	3.67	3.87	148442000
		2	4.35	4.25	4.45	174676000
		3	4.97	4.87	5.07	522517000
		4	5.04	4.94	5.14	515418000
		5	5.93	5.83	6.03	187177000
Toxaphene	500	1	5.00	4.90	5.10	26020300
		2	5.32	5.22	5.42	25489100
		3	5.68	5.58	5.78	28236400
		4	6.60	6.50	6.70	96540400
		5	7.04	6.94	7.14	93337600

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/12/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 15:49 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/12/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 15:49 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL01 Date Analyzed: 03/12/2025

Lab Sample No.: PSTDCCC050 Data File : PL094640.D Time Analyzed: 15:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.053	8.956	9.156	51.250	50.000	2.5
Endrin	6.571	6.474	6.674	45.720	50.000	-8.6
gamma-BHC (Lindane)	4.326	4.227	4.427	48.680	50.000	-2.6
Heptachlor	4.913	4.815	5.015	47.570	50.000	-4.9
Heptachlor epoxide	5.682	5.583	5.783	48.580	50.000	-2.8
Methoxychlor	7.499	7.400	7.600	49.660	50.000	-0.7
Tetrachloro-m-xylene	3.537	3.438	3.638	49.080	50.000	-1.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL01 Date Analyzed: 03/12/2025

Lab Sample No.: PSTDCCC050 Data File : PL094640.D Time Analyzed: 15:49

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.904	7.807	8.007	53.140	50.000	6.3
Endrin	5.631	5.534	5.734	50.500	50.000	1.0
gamma-BHC (Lindane)	3.603	3.504	3.704	52.540	50.000	5.1
Heptachlor	3.940	3.842	4.042	50.950	50.000	1.9
Heptachlor epoxide	4.722	4.625	4.825	51.880	50.000	3.8
Methoxychlor	6.604	6.507	6.707	50.260	50.000	0.5
Tetrachloro-m-xylene	2.771	2.672	2.872	51.710	50.000	3.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/12/2025 **Initial Calibration Date(s):** 03/11/2025 03/11/2025

Continuing Calib Time: 19:38 **Initial Calibration Time(s):** 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/12/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 19:38 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL02 Date Analyzed: 03/12/2025

Lab Sample No.: PSTDCCC050 Data File : PL094653.D Time Analyzed: 19:38

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.050	8.956	9.156	57.460	50.000	14.9
Endrin	6.570	6.474	6.674	46.520	50.000	-7.0
gamma-BHC (Lindane)	4.325	4.227	4.427	51.810	50.000	3.6
Heptachlor	4.912	4.815	5.015	48.640	50.000	-2.7
Heptachlor epoxide	5.681	5.583	5.783	50.640	50.000	1.3
Methoxychlor	7.497	7.400	7.600	50.870	50.000	1.7
Tetrachloro-m-xylene	3.537	3.438	3.638	52.660	50.000	5.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL02 Date Analyzed: 03/12/2025

Lab Sample No.: PSTDCCC050 Data File : PL094653.D Time Analyzed: 19:38

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.903	7.807	8.007	56.290	50.000	12.6
Endrin	5.631	5.534	5.734	51.880	50.000	3.8
gamma-BHC (Lindane)	3.602	3.504	3.704	55.610	50.000	11.2
Heptachlor	3.940	3.842	4.042	52.170	50.000	4.3
Heptachlor epoxide	4.721	4.625	4.825	54.580	50.000	9.2
Methoxychlor	6.604	6.507	6.707	50.690	50.000	1.4
Tetrachloro-m-xylene	2.771	2.672	2.872	55.740	50.000	11.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/12/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 22:22 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/12/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 22:22 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL03 Date Analyzed: 03/12/2025

Lab Sample No.: PSTDCCC050 Data File : PL094664.D Time Analyzed: 22:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.050	8.956	9.156	57.790	50.000	15.6
Endrin	6.570	6.474	6.674	47.710	50.000	-4.6
gamma-BHC (Lindane)	4.325	4.227	4.427	53.770	50.000	7.5
Heptachlor	4.912	4.815	5.015	50.100	50.000	0.2
Heptachlor epoxide	5.680	5.583	5.783	52.710	50.000	5.4
Methoxychlor	7.496	7.400	7.600	52.160	50.000	4.3
Tetrachloro-m-xylene	3.536	3.438	3.638	53.830	50.000	7.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL03 Date Analyzed: 03/12/2025

Lab Sample No.: PSTDCCC050 Data File : PL094664.D Time Analyzed: 22:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.904	7.807	8.007	57.440	50.000	14.9
Endrin	5.631	5.534	5.734	52.440	50.000	4.9
gamma-BHC (Lindane)	3.603	3.504	3.704	56.730	50.000	13.5
Heptachlor	3.940	3.842	4.042	52.860	50.000	5.7
Heptachlor epoxide	4.722	4.625	4.825	55.720	50.000	11.4
Methoxychlor	6.604	6.507	6.707	50.980	50.000	2.0
Tetrachloro-m-xylene	2.771	2.672	2.872	56.680	50.000	13.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/13/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 15:25 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/13/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 15:25 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL04 Date Analyzed: 03/13/2025

Lab Sample No.: PSTDCCC050 Data File : PL094677.D Time Analyzed: 15:25

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.051	8.956	9.156	58.110	50.000	16.2
Endrin	6.571	6.474	6.674	52.220	50.000	4.4
gamma-BHC (Lindane)	4.325	4.227	4.427	50.970	50.000	1.9
Heptachlor	4.912	4.815	5.015	49.860	50.000	-0.3
Heptachlor epoxide	5.680	5.583	5.783	50.170	50.000	0.3
Methoxychlor	7.497	7.400	7.600	59.780	50.000	19.6
Tetrachloro-m-xylene	3.536	3.438	3.638	50.700	50.000	1.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL04 Date Analyzed: 03/13/2025

Lab Sample No.: PSTDCCC050 Data File : PL094677.D Time Analyzed: 15:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.903	7.807	8.007	56.820	50.000	13.6
Endrin	5.631	5.534	5.734	53.420	50.000	6.8
gamma-BHC (Lindane)	3.602	3.504	3.704	53.970	50.000	7.9
Heptachlor	3.940	3.842	4.042	53.200	50.000	6.4
Heptachlor epoxide	4.721	4.625	4.825	53.810	50.000	7.6
Methoxychlor	6.604	6.507	6.707	59.420	50.000	18.8
Tetrachloro-m-xylene	2.770	2.672	2.872	53.610	50.000	7.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/13/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 20:04 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.32	4.33	4.23	4.43	0.01
Heptachlor	4.91	4.92	4.82	5.02	0.01
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

Continuing Calib Date: 03/13/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 20:04 Initial Calibration Time(s): 10:35 11:29

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.90	7.91	7.81	8.01	0.01
Tetrachloro-m-xylene	2.77	2.77	2.67	2.87	0.00
gamma-BHC (Lindane)	3.60	3.60	3.50	3.70	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Heptachlor epoxide	4.72	4.73	4.63	4.83	0.01
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.61	6.51	6.71	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL05 Date Analyzed: 03/13/2025

Lab Sample No.: PSTDCCC050 Data File : PL094695.D Time Analyzed: 20:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.048	8.956	9.156	53.870	50.000	7.7
Endrin	6.568	6.474	6.674	46.050	50.000	-7.9
gamma-BHC (Lindane)	4.324	4.227	4.427	47.020	50.000	-6.0
Heptachlor	4.911	4.815	5.015	45.500	50.000	-9.0
Heptachlor epoxide	5.679	5.583	5.783	45.670	50.000	-8.7
Methoxychlor	7.496	7.400	7.600	54.200	50.000	8.4
Tetrachloro-m-xylene	3.535	3.438	3.638	46.690	50.000	-6.6

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

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

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL05 Date Analyzed: 03/13/2025

Lab Sample No.: PSTDCCC050 Data File : PL094695.D Time Analyzed: 20:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.902	7.807	8.007	51.700	50.000	3.4
Endrin	5.629	5.534	5.734	48.760	50.000	-2.5
gamma-BHC (Lindane)	3.601	3.504	3.704	49.290	50.000	-1.4
Heptachlor	3.939	3.842	4.042	48.060	50.000	-3.9
Heptachlor epoxide	4.720	4.625	4.825	49.010	50.000	-2.0
Methoxychlor	6.602	6.507	6.707	52.890	50.000	5.8
Tetrachloro-m-xylene	2.770	2.672	2.872	49.280	50.000	-1.4

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

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

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **03/11/2025** **03/11/2025**

Client Sample No. (PEM): **PEM - PL094567.D** Date Analyzed: **03/11/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **10:08**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.052	8.950	9.150	20.540	20.000	2.7
Tetrachloro-m-xylene	3.536	3.490	3.590	19.600	20.000	-2.0
alpha-BHC	3.992	3.940	4.040	10.230	10.000	2.3
beta-BHC	4.524	4.470	4.570	10.180	10.000	1.8
gamma-BHC (Lindane)	4.325	4.270	4.380	10.310	10.000	3.1
Endrin	6.572	6.500	6.640	43.430	50.000	-13.1
4,4'-DDT	7.021	6.950	7.090	87.030	100.000	-13.0
Methoxychlor	7.498	7.430	7.570	214.630	250.000	-14.1

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **03/11/2025** **03/11/2025**

Client Sample No. (PEM): **PEM - PL094567.D** Date Analyzed: **03/11/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **10:08**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.905	7.800	8.010	19.590	20.000	-2.1
Tetrachloro-m-xylene	2.771	2.720	2.820	19.320	20.000	-3.4
alpha-BHC	3.273	3.220	3.320	9.150	10.000	-8.5
beta-BHC	3.903	3.850	3.950	10.130	10.000	1.3
gamma-BHC (Lindane)	3.603	3.550	3.650	9.160	10.000	-8.4
Endrin	5.632	5.560	5.700	44.410	50.000	-11.2
4,4'-DDT	6.030	5.960	6.100	97.400	100.000	-2.6
Methoxychlor	6.605	6.530	6.680	224.380	250.000	-10.2

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

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

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **03/11/2025** **03/11/2025**

Client Sample No. (PEM): **PEM - PL094621.D** Date Analyzed: **03/12/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **08:51**

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.054	8.950	9.150	22.150	20.000	10.8
Tetrachloro-m-xylene	3.539	3.490	3.590	20.850	20.000	4.3
alpha-BHC	3.994	3.940	4.040	10.750	10.000	7.5
beta-BHC	4.526	4.480	4.580	10.570	10.000	5.7
gamma-BHC (Lindane)	4.327	4.280	4.380	10.700	10.000	7.0
Endrin	6.573	6.500	6.640	41.560	50.000	-16.9
4,4'-DDT	7.025	6.950	7.100	87.210	100.000	-12.8
Methoxychlor	7.500	7.430	7.570	217.020	250.000	-13.2

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **03/11/2025** **03/11/2025**

Client Sample No. (PEM): **PEM - PL094621.D** Date Analyzed: **03/12/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **08:51**

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.906	7.810	8.010	20.130	20.000	0.7
Tetrachloro-m-xylene	2.772	2.720	2.820	20.240	20.000	1.2
alpha-BHC	3.274	3.220	3.320	9.640	10.000	-3.6
beta-BHC	3.904	3.850	3.950	10.800	10.000	8.0
gamma-BHC (Lindane)	3.604	3.550	3.650	9.650	10.000	-3.5
Endrin	5.634	5.560	5.700	44.940	50.000	-10.1
4,4'-DDT	6.032	5.960	6.100	96.750	100.000	-3.3
Methoxychlor	6.606	6.540	6.680	223.560	250.000	-10.6

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

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

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **03/11/2025** **03/11/2025**

Client Sample No. (PEM): **PEM - PL094652.D** Date Analyzed: **03/12/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **19:24**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.049	8.950	9.150	24.670	20.000	23.4
Tetrachloro-m-xylene	3.537	3.490	3.590	21.440	20.000	7.2
alpha-BHC	3.992	3.940	4.040	11.020	10.000	10.2
beta-BHC	4.523	4.470	4.570	10.970	10.000	9.7
gamma-BHC (Lindane)	4.324	4.270	4.370	11.010	10.000	10.1
Endrin	6.569	6.500	6.640	43.690	50.000	-12.6
4,4'-DDT	7.021	6.950	7.090	91.520	100.000	-8.5
Methoxychlor	7.497	7.430	7.570	225.230	250.000	-9.9

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **03/11/2025** **03/11/2025**

Client Sample No. (PEM): **PEM - PL094652.D** Date Analyzed: **03/12/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **19:24**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.903	7.800	8.000	23.060	20.000	15.3
Tetrachloro-m-xylene	2.771	2.720	2.820	21.550	20.000	7.8
alpha-BHC	3.272	3.220	3.320	10.200	10.000	2.0
beta-BHC	3.902	3.850	3.950	11.580	10.000	15.8
gamma-BHC (Lindane)	3.602	3.550	3.650	10.290	10.000	2.9
Endrin	5.631	5.560	5.700	47.470	50.000	-5.1
4,4'-DDT	6.029	5.960	6.100	98.390	100.000	-1.6
Methoxychlor	6.604	6.530	6.670	232.280	250.000	-7.1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

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

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **03/11/2025** **03/11/2025**

Client Sample No. (PEM): **PEM - PL094667.D** Date Analyzed: **03/13/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **11:53**

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.055	8.950	9.160	22.170	20.000	10.9
Tetrachloro-m-xylene	3.539	3.490	3.590	18.440	20.000	-7.8
alpha-BHC	3.995	3.940	4.050	9.420	10.000	-5.8
beta-BHC	4.527	4.480	4.580	9.280	10.000	-7.2
gamma-BHC (Lindane)	4.328	4.280	4.380	9.510	10.000	-4.9
Endrin	6.574	6.500	6.640	38.380	50.000	-23.2
4,4'-DDT	7.025	6.950	7.100	89.690	100.000	-10.3
Methoxychlor	7.501	7.430	7.570	227.580	250.000	-9.0

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **03/11/2025** **03/11/2025**

Client Sample No. (PEM): **PEM - PL094667.D** Date Analyzed: **03/13/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **11:53**

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.903	7.800	8.000	20.830	20.000	4.2
Tetrachloro-m-xylene	2.768	2.720	2.820	19.200	20.000	-4.0
alpha-BHC	3.270	3.220	3.320	9.170	10.000	-8.3
beta-BHC	3.901	3.850	3.950	10.140	10.000	1.4
gamma-BHC (Lindane)	3.600	3.550	3.650	8.920	10.000	-10.8
Endrin	5.630	5.560	5.700	43.240	50.000	-13.5
4,4'-DDT	6.028	5.960	6.100	101.690	100.000	1.7
Methoxychlor	6.604	6.530	6.670	241.920	250.000	-3.2

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1488
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 03/11/2025 03/11/2025

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	03/11/2025	09:55	PL094566.D	9.05	3.54
PEM	PEM	03/11/2025	10:08	PL094567.D	9.05	3.54
RESCHK	RESCHK	03/11/2025	10:22	PL094568.D	9.05	3.54
PSTDICCC100	PSTDICCC100	03/11/2025	10:35	PL094569.D	9.05	3.54
PSTDICCC075	PSTDICCC075	03/11/2025	10:49	PL094570.D	9.06	3.54
PSTDICCC050	PSTDICCC050	03/11/2025	11:02	PL094571.D	9.06	3.54
PSTDICCC025	PSTDICCC025	03/11/2025	11:16	PL094572.D	9.06	3.54
PSTDICCC005	PSTDICCC005	03/11/2025	11:29	PL094573.D	9.05	3.54
PCHLORICC500	PCHLORICC500	03/11/2025	12:10	PL094576.D	9.06	3.54
PTOXICC500	PTOXICC500	03/11/2025	13:18	PL094581.D	9.05	3.54
PEM	PEM	03/12/2025	08:51	PL094621.D	9.05	3.54
IBLK	IBLK	03/12/2025	15:35	PL094639.D	9.06	3.54
PSTDCCC050	PSTDCCC050	03/12/2025	15:49	PL094640.D	9.05	3.54
ENV-101-SB01	Q1488-02	03/12/2025	18:15	PL094647.D	9.05	3.54
ENV-101-SB01MS	Q1488-02MS	03/12/2025	18:29	PL094648.D	9.05	3.54
ENV-101-SB01MSD	Q1488-02MSD	03/12/2025	18:42	PL094649.D	9.05	3.54
ENV-101-SB02	Q1488-04	03/12/2025	18:56	PL094650.D	9.05	3.54
IBLK	IBLK	03/12/2025	19:10	PL094651.D	9.05	3.54
PEM	PEM	03/12/2025	19:24	PL094652.D	9.05	3.54
PSTDCCC050	PSTDCCC050	03/12/2025	19:38	PL094653.D	9.05	3.54
ENV-102-SB01	Q1488-06	03/12/2025	20:05	PL094654.D	9.05	3.54
ENV-102-SB02	Q1488-08	03/12/2025	20:19	PL094655.D	9.05	3.54
ENV-104-SB01	Q1488-10	03/12/2025	20:33	PL094656.D	9.05	3.54
ENV-104-SB02	Q1488-12	03/12/2025	20:46	PL094657.D	9.05	3.54
IBLK	IBLK	03/12/2025	22:09	PL094663.D	9.05	3.54
PSTDCCC050	PSTDCCC050	03/12/2025	22:22	PL094664.D	9.05	3.54
PEM	PEM	03/13/2025	11:53	PL094667.D	9.06	3.54
IBLK	IBLK	03/13/2025	15:12	PL094676.D	9.05	3.54
PSTDCCC050	PSTDCCC050	03/13/2025	15:25	PL094677.D	9.05	3.54
PB167091BL	PB167091BL	03/13/2025	16:34	PL094682.D	9.05	3.54
PB167091BS	PB167091BS	03/13/2025	17:20	PL094683.D	9.05	3.54
PB167020TB	PB167020TB	03/13/2025	17:33	PL094684.D	9.05	3.54
IBLK	IBLK	03/13/2025	19:51	PL094694.D	9.05	3.54
PSTDCCC050	PSTDCCC050	03/13/2025	20:04	PL094695.D	9.05	3.54

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1488
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 03/11/2025 03/11/2025

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	03/11/2025	09:55	PL094566.D	7.91	2.77
PEM	PEM	03/11/2025	10:08	PL094567.D	7.91	2.77
RESCHK	RESCHK	03/11/2025	10:22	PL094568.D	7.91	2.77
PSTDICCC100	PSTDICCC100	03/11/2025	10:35	PL094569.D	7.91	2.77
PSTDICCC075	PSTDICCC075	03/11/2025	10:49	PL094570.D	7.91	2.77
PSTDICCC050	PSTDICCC050	03/11/2025	11:02	PL094571.D	7.91	2.77
PSTDICCC025	PSTDICCC025	03/11/2025	11:16	PL094572.D	7.91	2.77
PSTDICCC005	PSTDICCC005	03/11/2025	11:29	PL094573.D	7.91	2.77
PCHLORICC500	PCHLORICC500	03/11/2025	12:10	PL094576.D	7.91	2.77
PTOXICC500	PTOXICC500	03/11/2025	13:18	PL094581.D	7.91	2.77
PEM	PEM	03/12/2025	08:51	PL094621.D	7.91	2.77
IBLK	IBLK	03/12/2025	15:35	PL094639.D	7.91	2.77
PSTDCCC050	PSTDCCC050	03/12/2025	15:49	PL094640.D	7.90	2.77
ENV-101-SB01	Q1488-02	03/12/2025	18:15	PL094647.D	7.90	2.77
ENV-101-SB01MS	Q1488-02MS	03/12/2025	18:29	PL094648.D	7.90	2.77
ENV-101-SB01MSD	Q1488-02MSD	03/12/2025	18:42	PL094649.D	7.90	2.77
ENV-101-SB02	Q1488-04	03/12/2025	18:56	PL094650.D	7.90	2.77
IBLK	IBLK	03/12/2025	19:10	PL094651.D	7.90	2.77
PEM	PEM	03/12/2025	19:24	PL094652.D	7.90	2.77
PSTDCCC050	PSTDCCC050	03/12/2025	19:38	PL094653.D	7.90	2.77
ENV-102-SB01	Q1488-06	03/12/2025	20:05	PL094654.D	7.90	2.77
ENV-102-SB02	Q1488-08	03/12/2025	20:19	PL094655.D	7.90	2.77
ENV-104-SB01	Q1488-10	03/12/2025	20:33	PL094656.D	7.90	2.77
ENV-104-SB02	Q1488-12	03/12/2025	20:46	PL094657.D	7.90	2.77
IBLK	IBLK	03/12/2025	22:09	PL094663.D	7.90	2.77
PSTDCCC050	PSTDCCC050	03/12/2025	22:22	PL094664.D	7.90	2.77
PEM	PEM	03/13/2025	11:53	PL094667.D	7.90	2.77
IBLK	IBLK	03/13/2025	15:12	PL094676.D	7.90	2.77
PSTDCCC050	PSTDCCC050	03/13/2025	15:25	PL094677.D	7.90	2.77
PB167091BL	PB167091BL	03/13/2025	16:34	PL094682.D	7.90	2.77
PB167091BS	PB167091BS	03/13/2025	17:20	PL094683.D	7.90	2.77
PB167020TB	PB167020TB	03/13/2025	17:33	PL094684.D	7.90	2.77
IBLK	IBLK	03/13/2025	19:51	PL094694.D	7.90	2.77
PSTDCCC050	PSTDCCC050	03/13/2025	20:04	PL094695.D	7.90	2.77

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-101-SB01MS

Contract: PORT06

Lab Code: CHEM

Case No.: Q1488

SAS No.: Q1488

SDG NO.: Q1488

Lab Sample ID: Q1488-02MS

Date(s) Analyzed: 03/12/2025

03/12/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.50	7.45	7.55	5.70	1.8
	2	6.60	6.55	6.65	5.60	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	7.40	11.4
	2	3.60	3.55	3.65	6.60	
Heptachlor	1	4.91	4.86	4.96	5.20	3.8
	2	3.94	3.89	3.99	5.40	
Heptachlor epoxide	1	5.68	5.63	5.73	5.30	5.5
	2	4.72	4.67	4.77	5.60	
Endrin	1	6.57	6.52	6.62	5.20	10.9
	2	5.63	5.58	5.68	5.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV-101-SB01MSD

Contract: PORT06

Lab Code: CHEM

Case No.: Q1488

SAS No.: Q1488

SDG NO.: Q1488

Lab Sample ID: Q1488-02MSD

Date(s) Analyzed: 03/12/2025

03/12/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.50	7.45	7.55	5.60	0
	2	6.60	6.55	6.65	5.60	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	7.30	8.6
	2	3.60	3.55	3.65	6.70	
Heptachlor	1	4.91	4.86	4.96	5.10	5.7
	2	3.94	3.89	3.99	5.40	
Heptachlor epoxide	1	5.68	5.63	5.73	5.20	7.4
	2	4.72	4.67	4.77	5.60	
Endrin	1	6.57	6.52	6.62	5.20	10.9
	2	5.63	5.58	5.68	5.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167091BS

Contract: PORT06

Lab Code: CHEM

Case No.: Q1488

SAS No.: Q1488

SDG NO.: Q1488

Lab Sample ID: PB167091BS

Date(s) Analyzed: 03/13/2025

03/13/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.50	7.45	7.55	0.53	3.2
	2	6.60	6.55	6.65	0.51	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.43	9
	2	3.60	3.55	3.65	0.48	
Heptachlor	1	4.91	4.86	4.96	0.43	9.8
	2	3.94	3.89	3.99	0.47	
Heptachlor epoxide	1	5.68	5.63	5.73	0.44	8.2
	2	4.72	4.67	4.77	0.48	
Endrin	1	6.57	6.52	6.62	0.45	7.9
	2	5.63	5.58	5.68	0.49	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 17:33
Operator : AR\AJ
Sample : PB167020TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB167020TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 11:12:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.535	2.769	48409580	62834662	17.102	17.604
28)	SA Decachlor...	9.049	7.903	45646313	72402933	21.659	17.924

Target Compounds

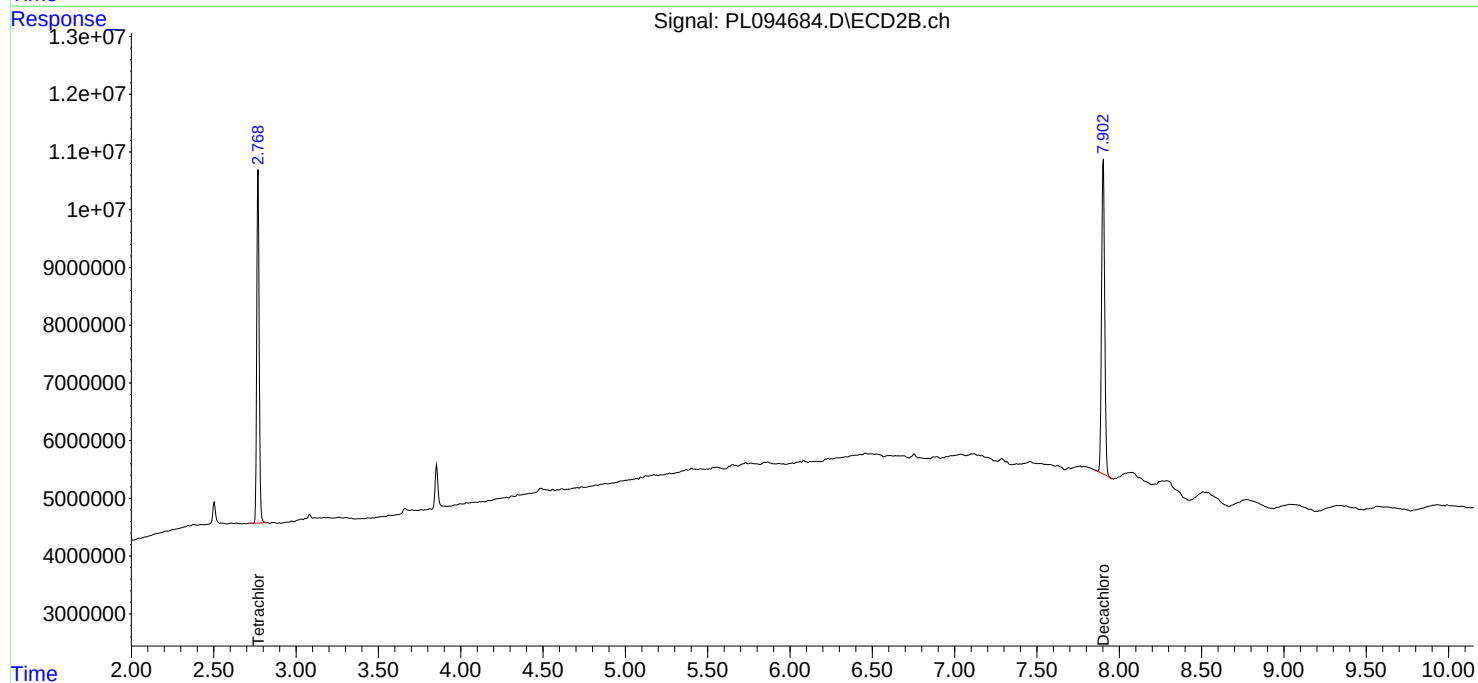
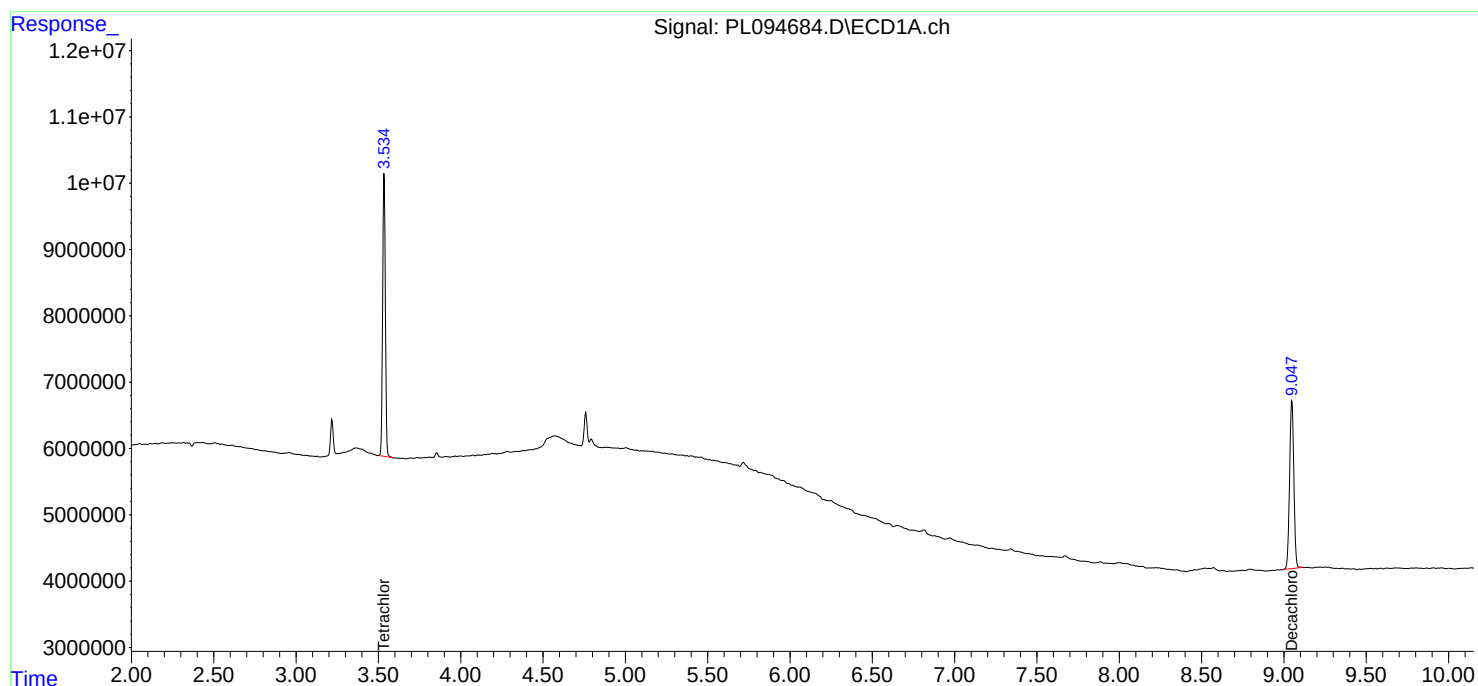
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

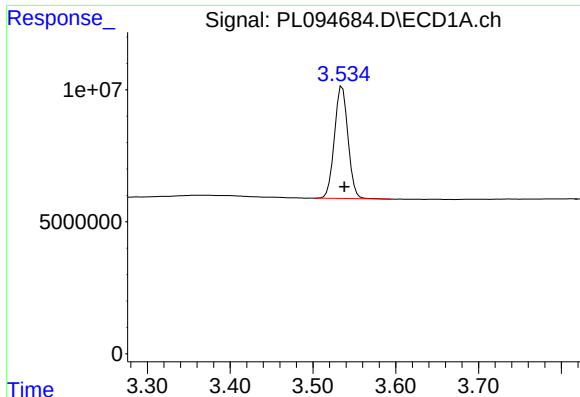
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 17:33
Operator : AR\AJ
Sample : PB167020TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB167020TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 11:12:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

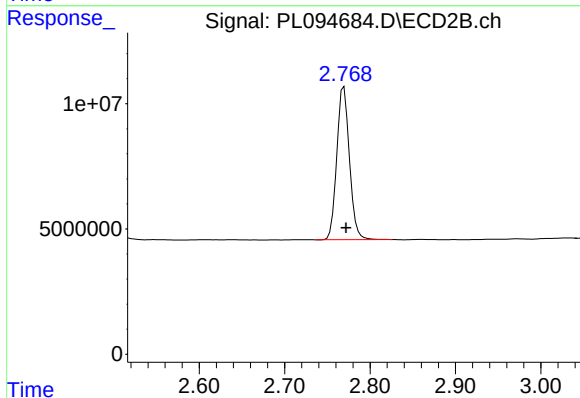




#1 Tetrachloro-m-xylene

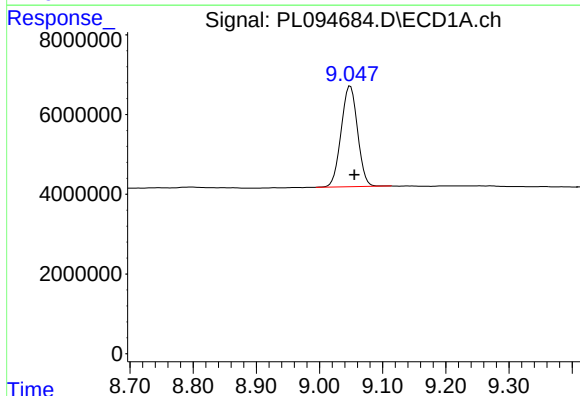
R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 48409580
Conc: 17.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167020TB



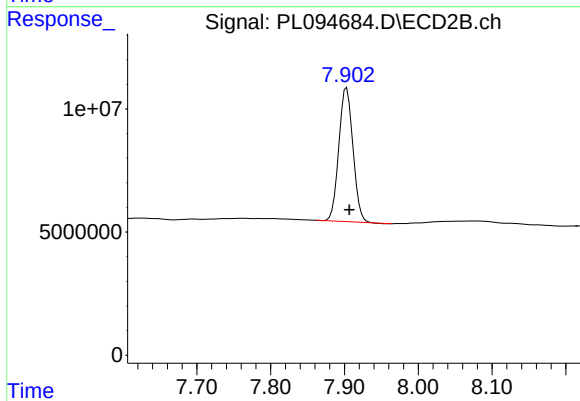
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.002 min
Response: 62834662
Conc: 17.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 45646313
Conc: 21.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 72402933
Conc: 17.92 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 18:15
 Operator : AR\AJ
 Sample : Q1488-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-101-SB01

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:35:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.538	2.773	55750056	75065082	19.695	21.031
28) SA Decachlor...	9.051	7.904	52822617	96076530	25.065	23.785

Target Compounds

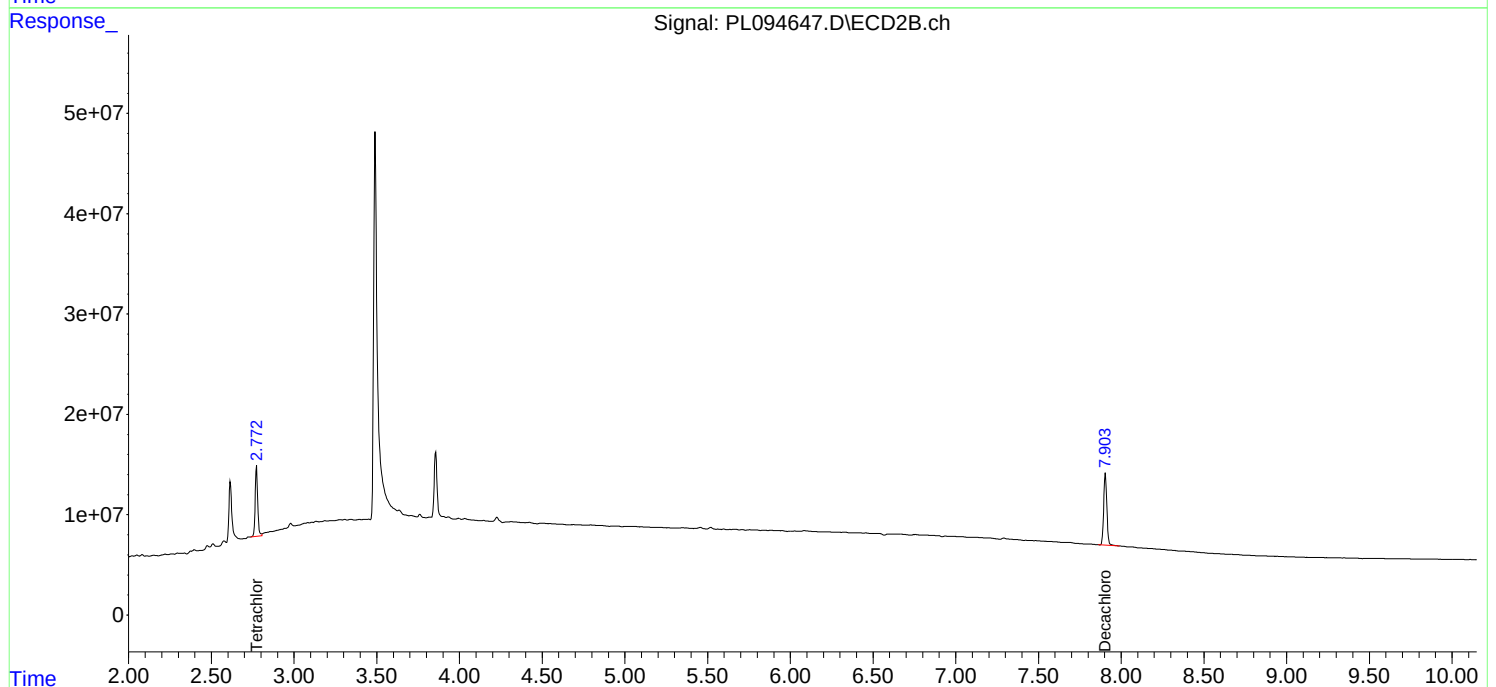
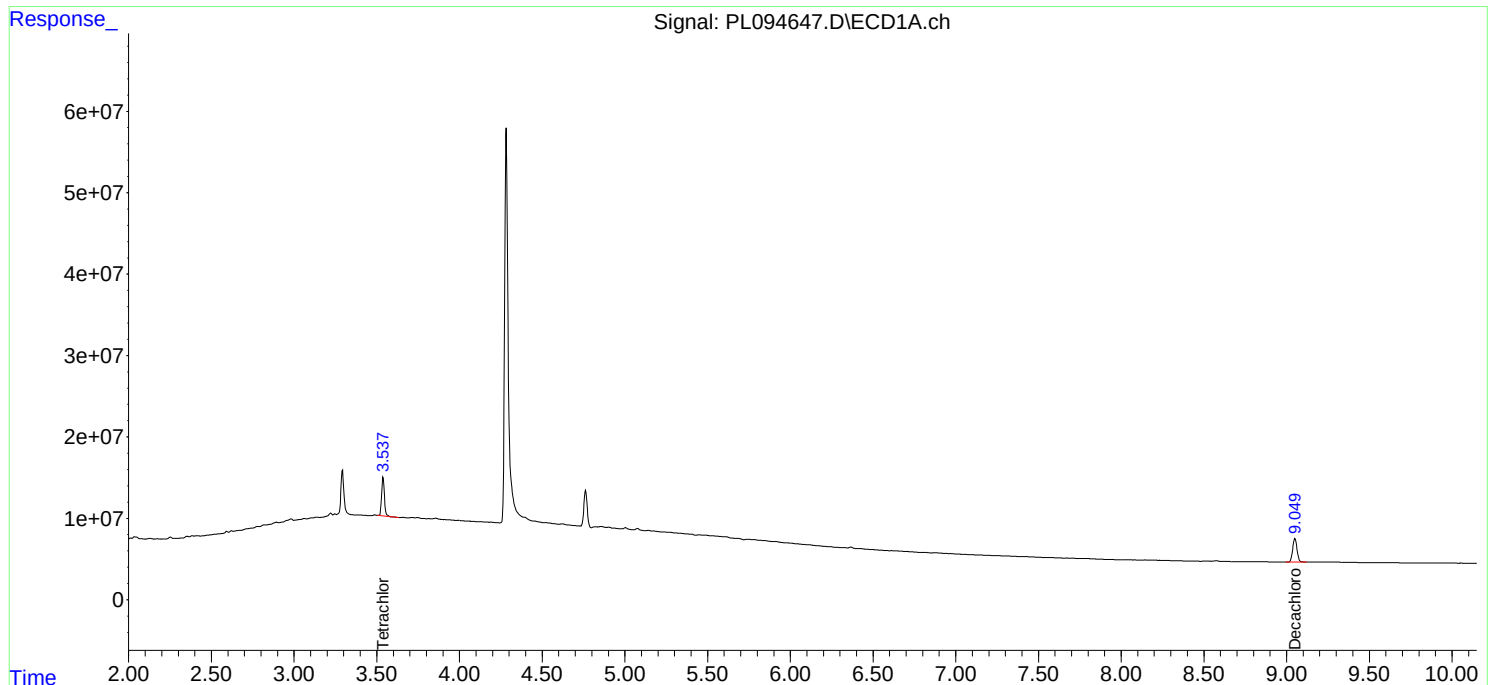
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

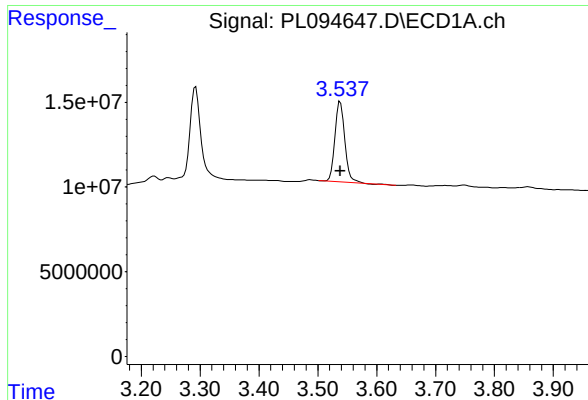
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094647.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 18:15
Operator : AR\AJ
Sample : Q1488-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:35:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

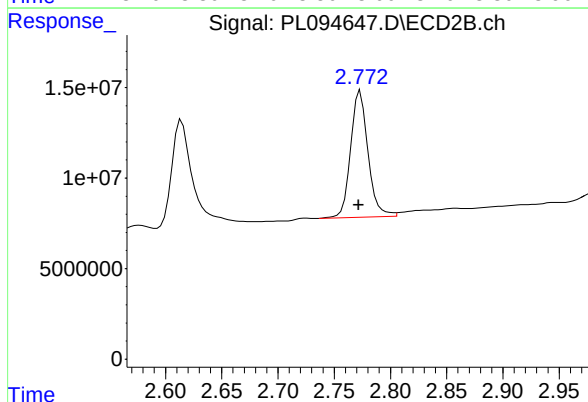




#1 Tetrachloro-m-xylene

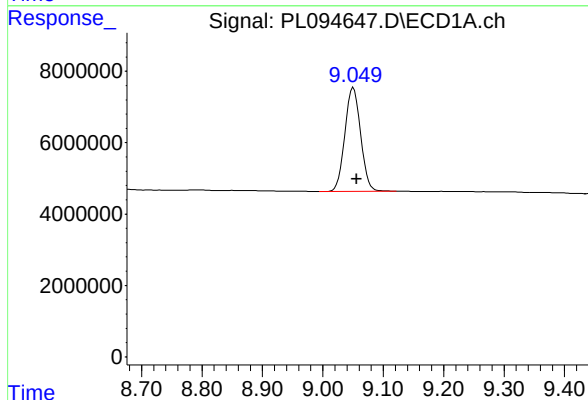
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 55750056
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB01



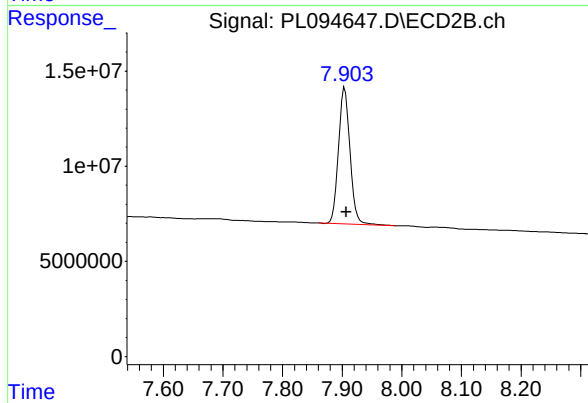
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.001 min
Response: 75065082
Conc: 21.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 52822617
Conc: 25.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 96076530
Conc: 23.79 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094650.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 18:56
 Operator : AR\AJ
 Sample : Q1488-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-101-SB02

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/13/2025
 Supervised By :Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:36:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.772	55947590	78108985	19.765m	21.884
28) SA Decachlor...	9.049	7.904	48990509	97282904	23.246m	24.084

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094650.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 18:56
Operator : AR\AJ
Sample : Q1488-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

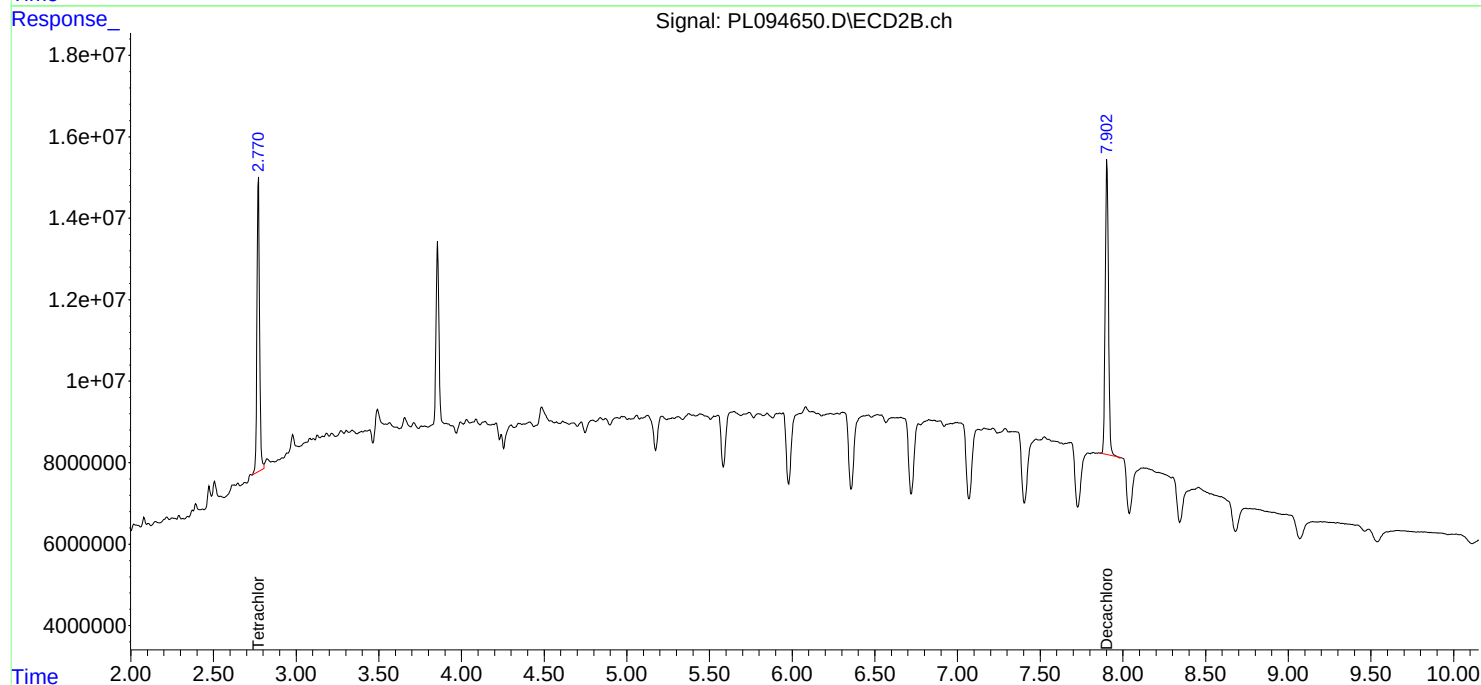
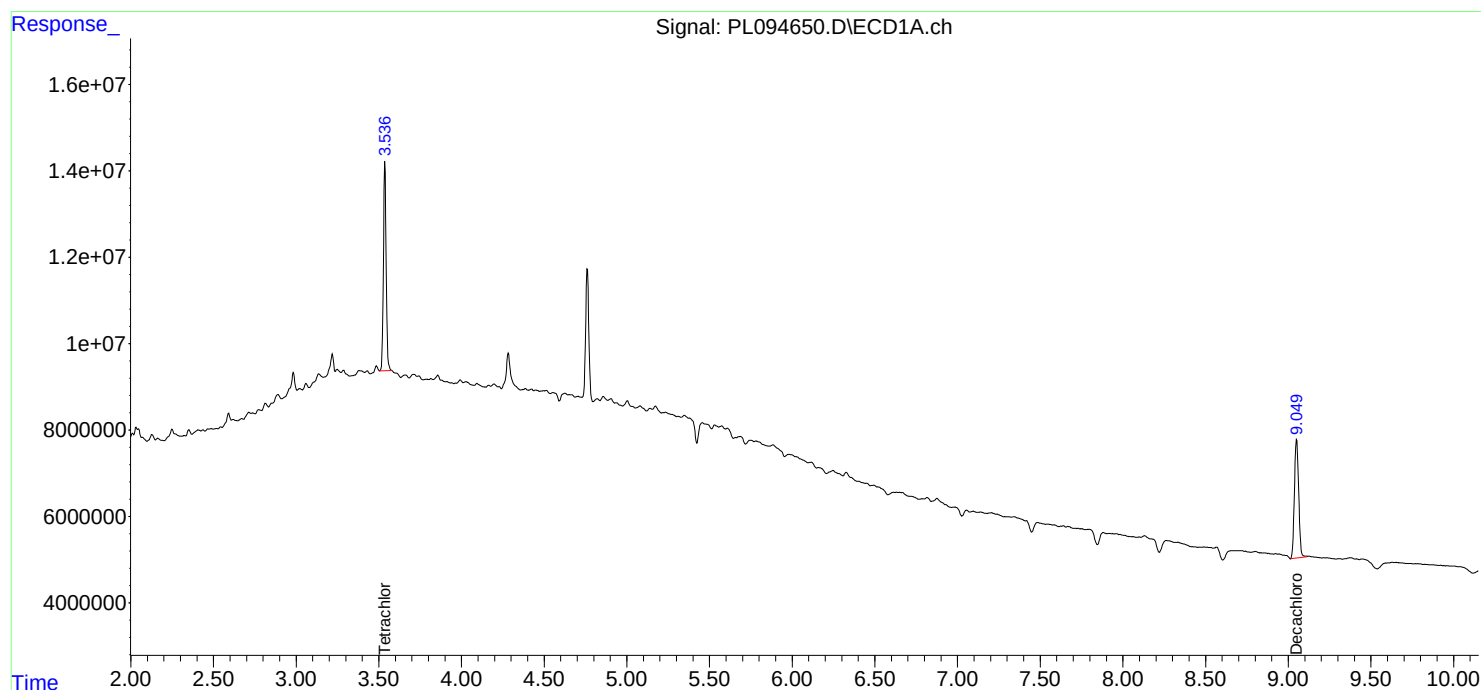
Instrument :
ECD_L
ClientSampleId :
ENV-101-SB02

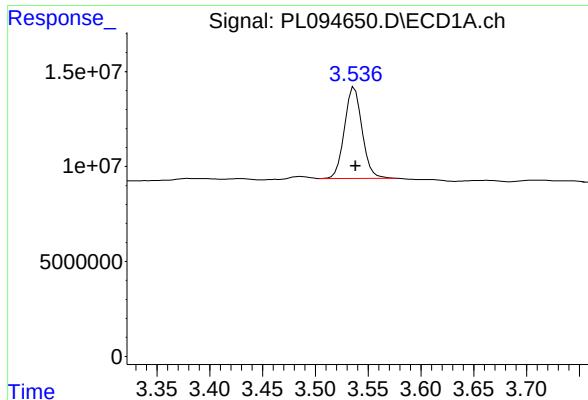
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/13/2025
Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:36:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





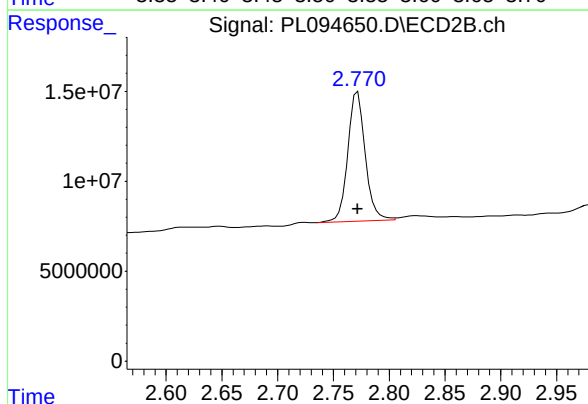
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 55947590
Conc: 19.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-101-SB02

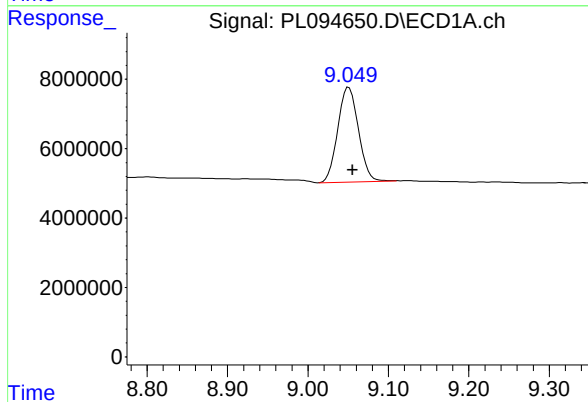
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :Ankita Jodhani 03/13/2025



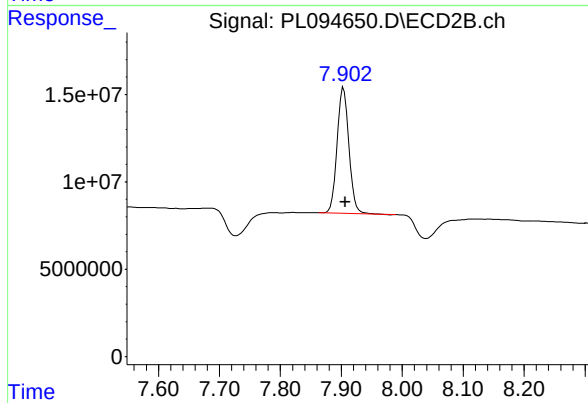
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 78108985
Conc: 21.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 48990509
Conc: 23.25 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 97282904
Conc: 24.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094654.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 20:05
 Operator : AR\AJ
 Sample : Q1488-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-102-SB01

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/13/2025
 Supervised By :Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:37:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.535	2.770	62589210	76747942	22.111m	21.502m
28) SA Decachlor...	9.049	7.903	60144523	109.4E6	28.539	27.080

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094654.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 20:05
Operator : AR\AJ
Sample : Q1488-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

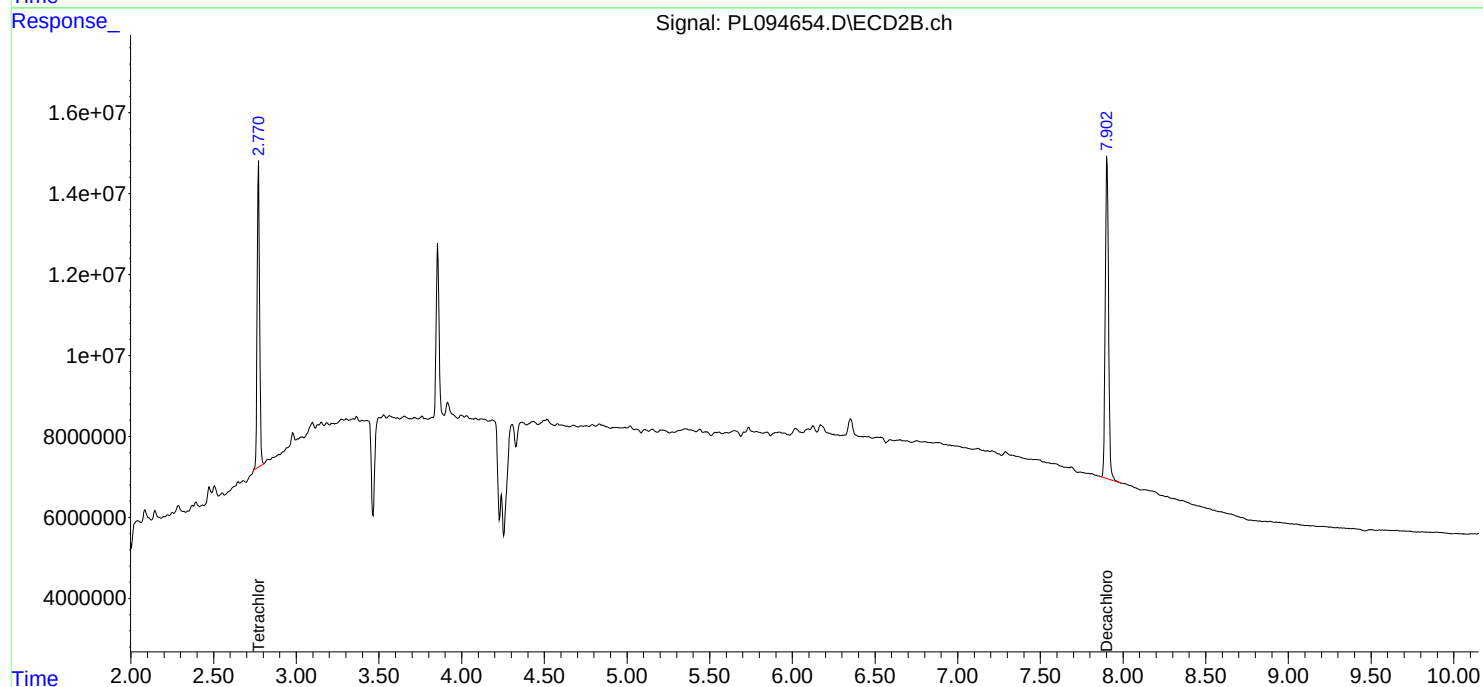
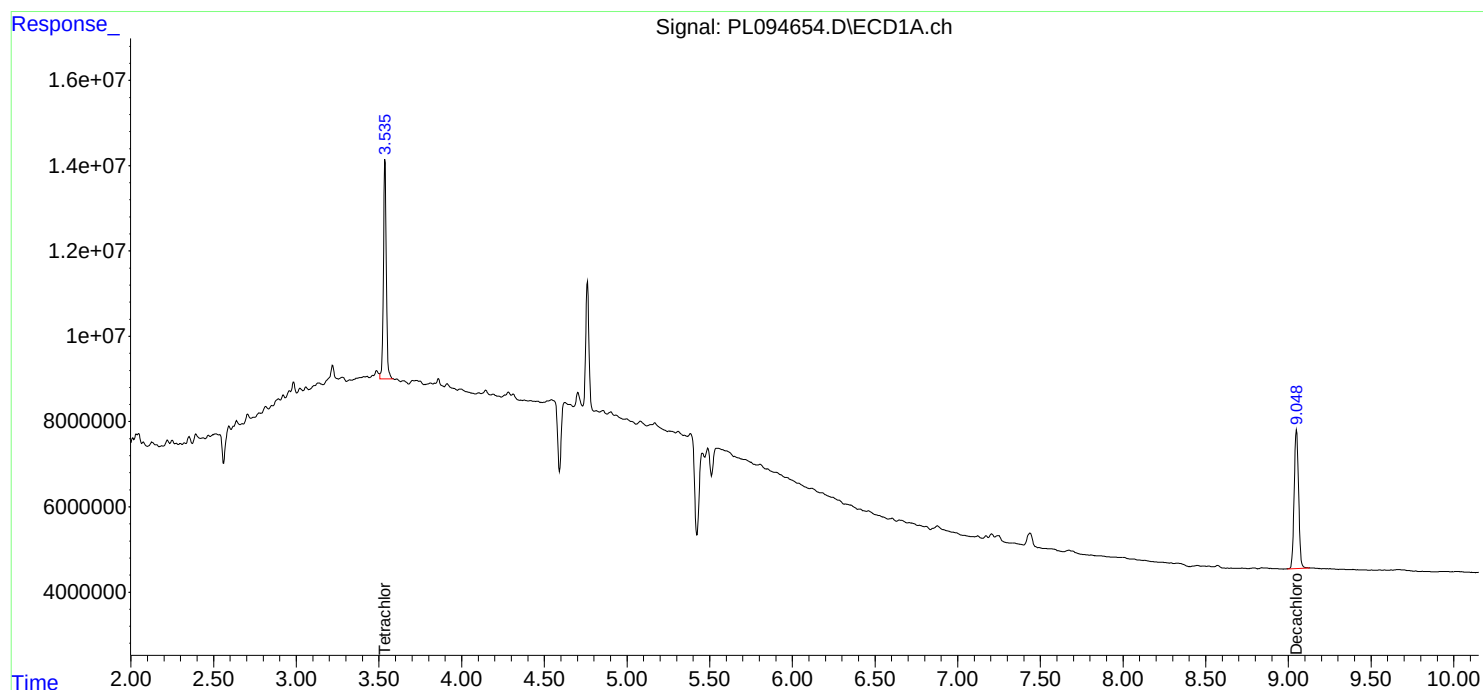
Instrument :
ECD_L
ClientSampleId :
ENV-102-SB01

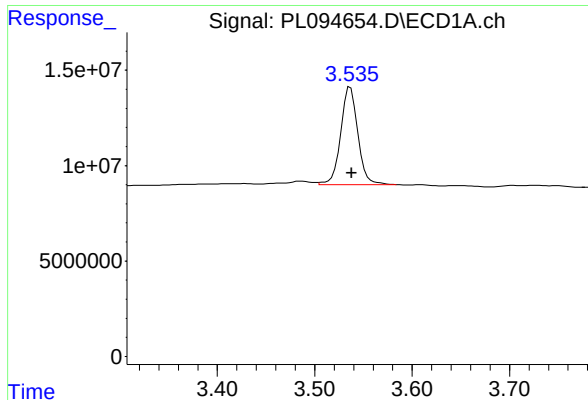
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/13/2025
Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:37:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





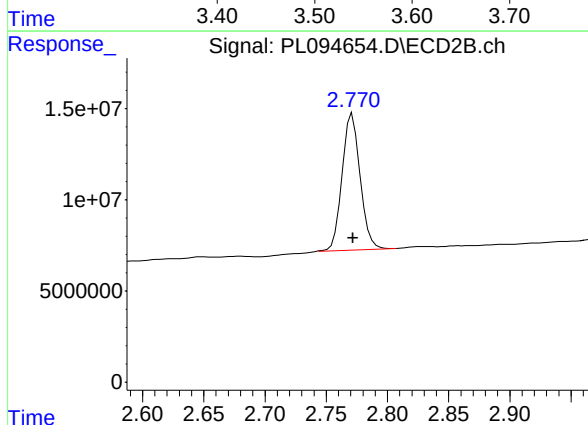
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 62589210
Conc: 22.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-102-SB01

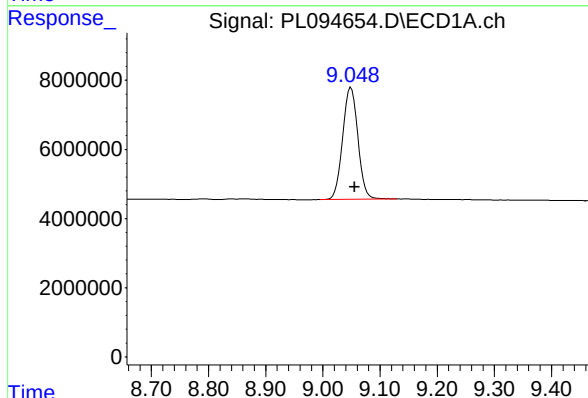
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :Ankita Jodhani 03/13/2025



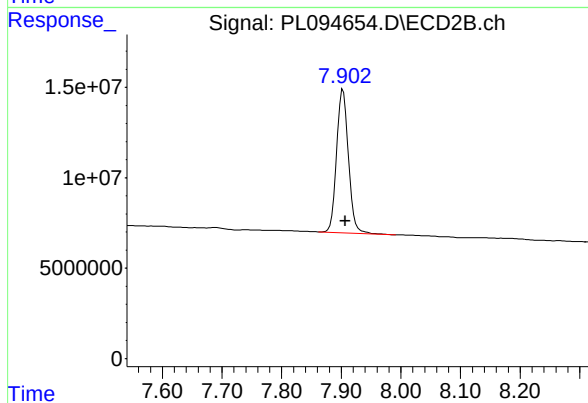
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 76747942
Conc: 21.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 60144523
Conc: 28.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 109385009
Conc: 27.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 20:19
 Operator : AR\AJ
 Sample : Q1488-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-102-SB02

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/13/2025
 Supervised By :Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:37:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.535	2.770	58232832	73110721	20.572m	20.483m
28) SA Decachlor...	9.051	7.903	57358736	104.7E6	27.217	25.932

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094655.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 20:19
Operator : AR\AJ
Sample : Q1488-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

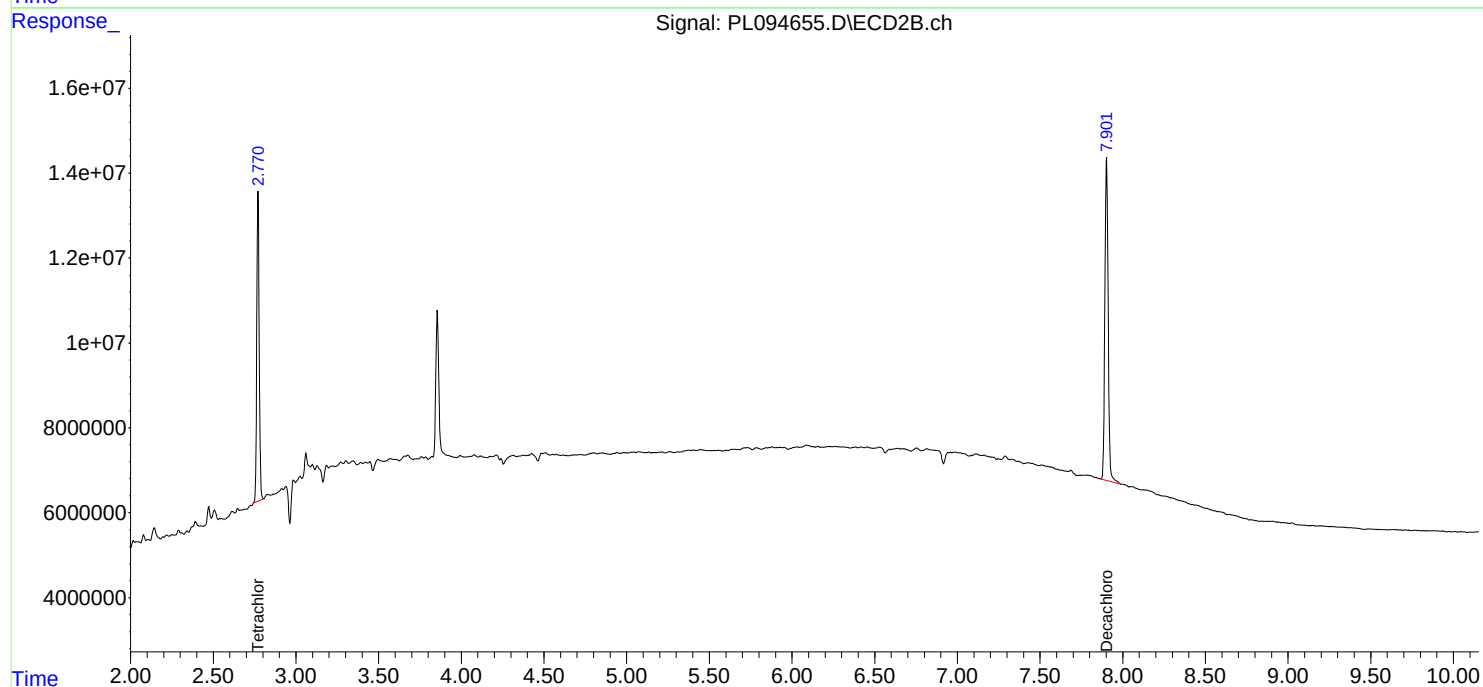
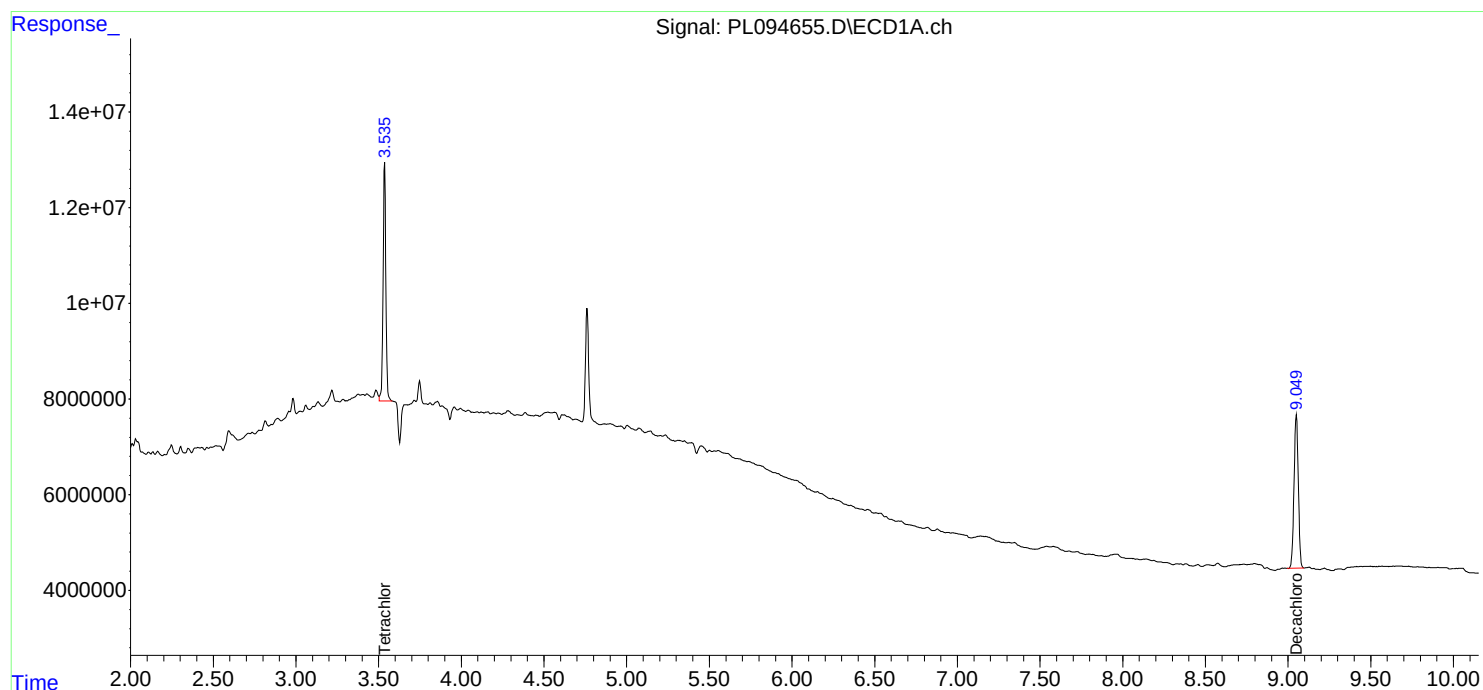
Instrument :
ECD_L
ClientSampleId :
ENV-102-SB02

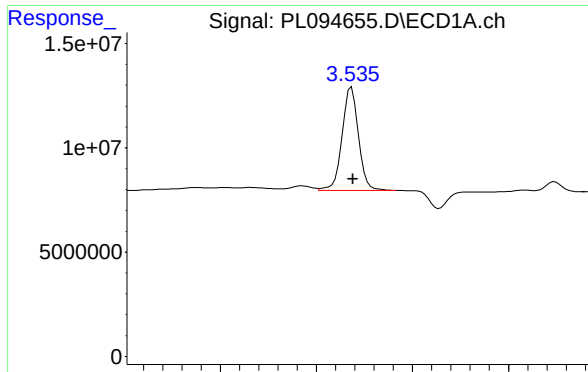
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 03/13/2025
Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:37:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 58232832
Conc: 20.57 ng/ml

Instrument :

ECD_L

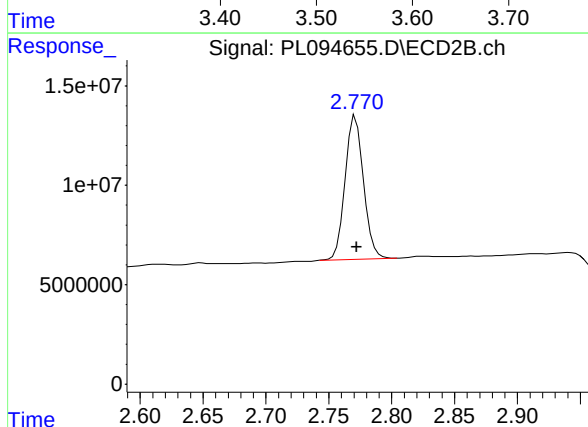
ClientSampleId :

ENV-102-SB02

Manual Integrations

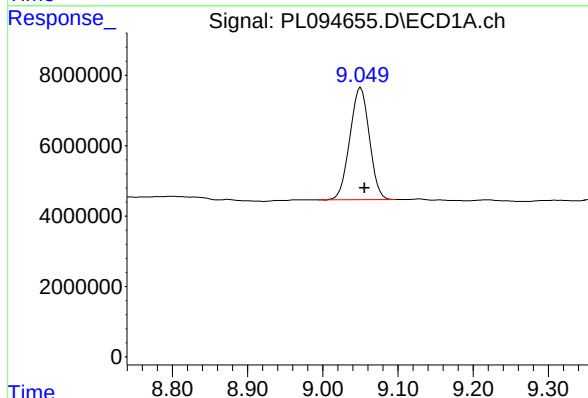
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :Ankita Jodhani 03/13/2025



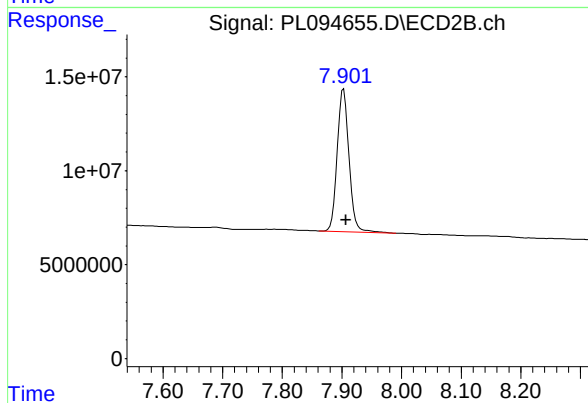
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 73110721
Conc: 20.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 57358736
Conc: 27.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 104747203
Conc: 25.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094656.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 20:33
 Operator : AR\AJ
 Sample : Q1488-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-104-SB01

Manual Integrations APPROVED

Reviewed By : Abdul Mirza 03/13/2025
 Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:37:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.536	2.772	56187831	73043546	19.850m	20.465
28) SA Decachlor...	9.050	7.904	55088475	101.0E6	26.140	24.999

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094656.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 20:33
Operator : AR\AJ
Sample : Q1488-10
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ENV-104-SB01

Manual Integrations

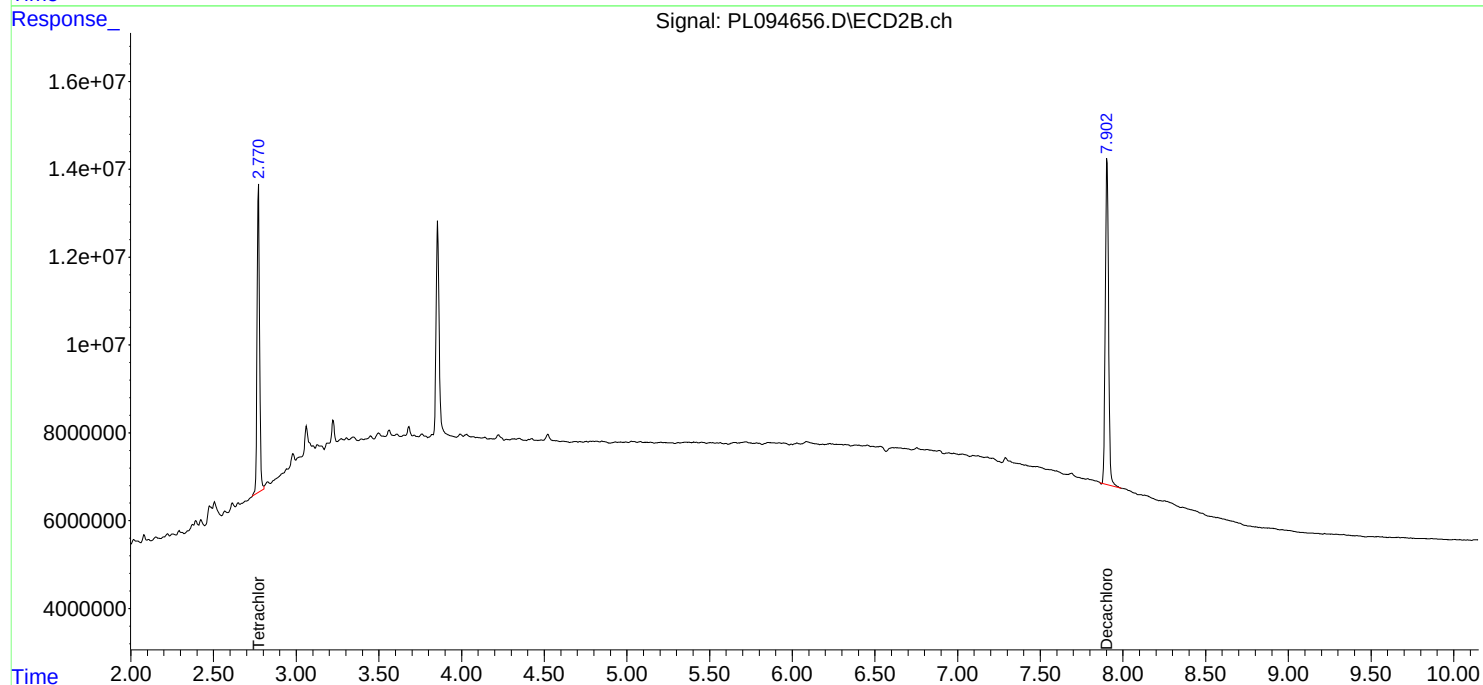
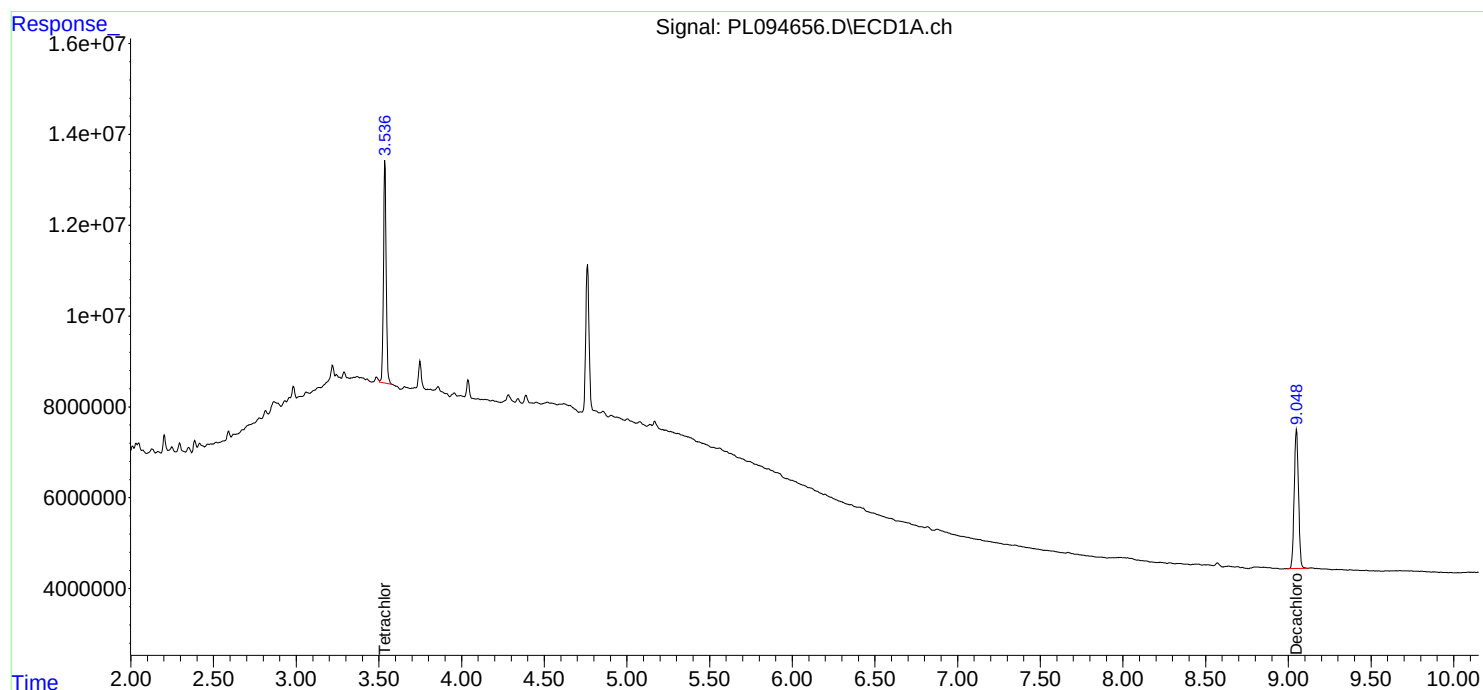
APPROVED

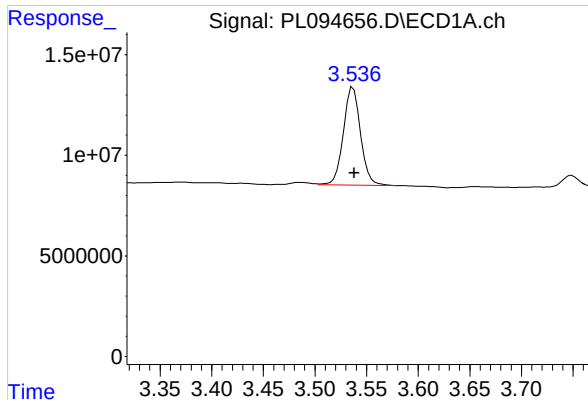
Reviewed By :Abdul Mirza 03/13/2025

Supervised By :Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:37:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





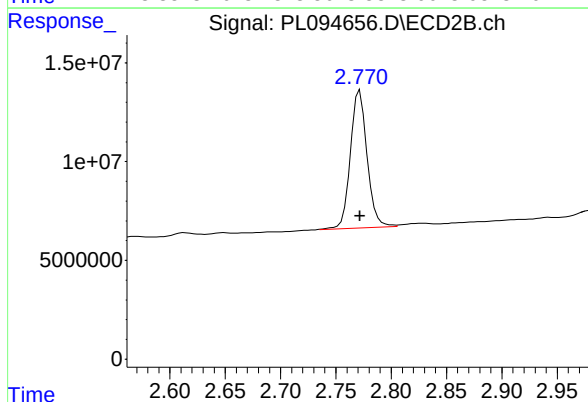
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 56187831
Conc: 19.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-104-SB01

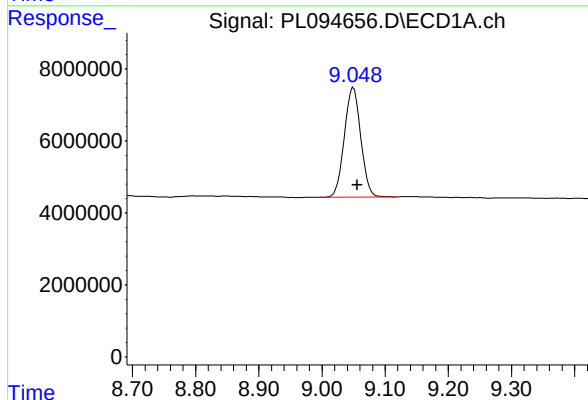
**Manual Integrations
APPROVED**

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :Ankita Jodhani 03/13/2025



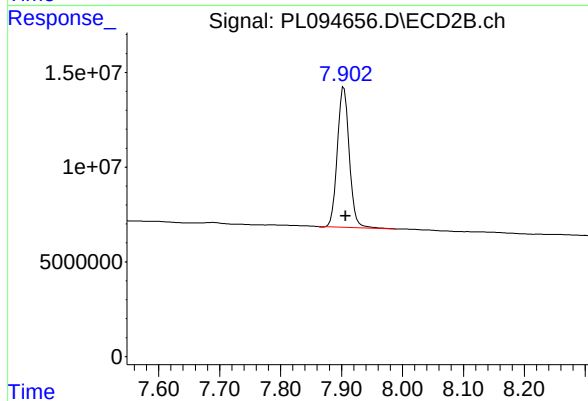
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 73043546
Conc: 20.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 55088475
Conc: 26.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 100979211
Conc: 25.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 20:46
 Operator : AR\AJ
 Sample : Q1488-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-104-SB02

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:37:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.771	57781003	75893023	20.412	21.263
28) SA Decachlor...	9.049	7.903	57866231	107.0E6	27.458	26.501

Target Compounds

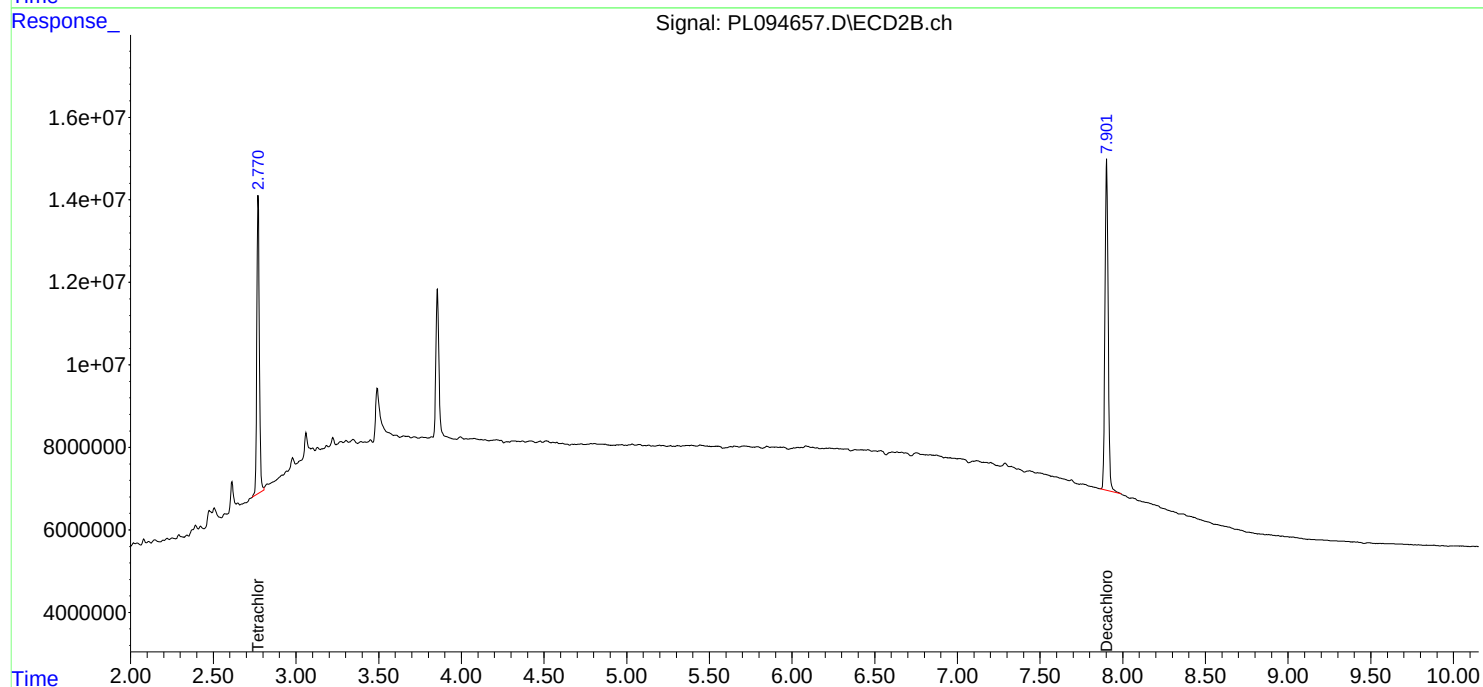
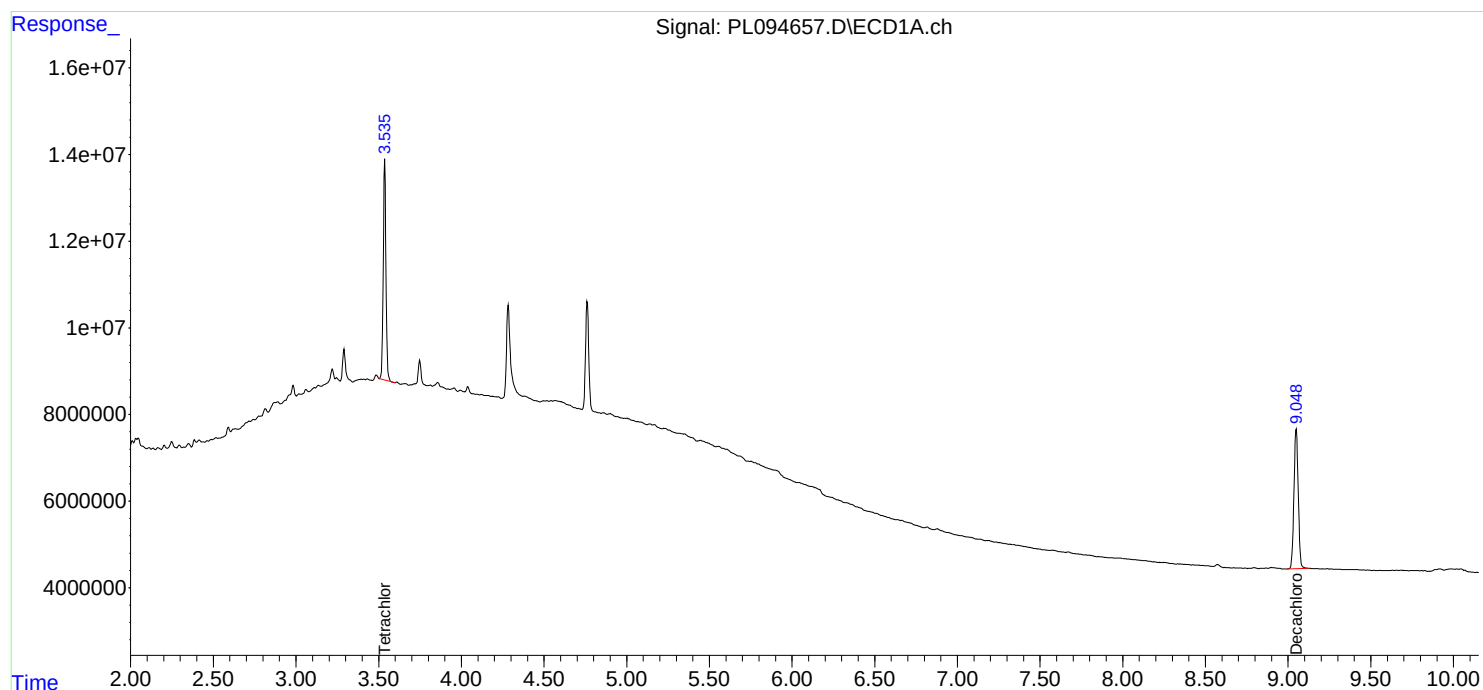
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

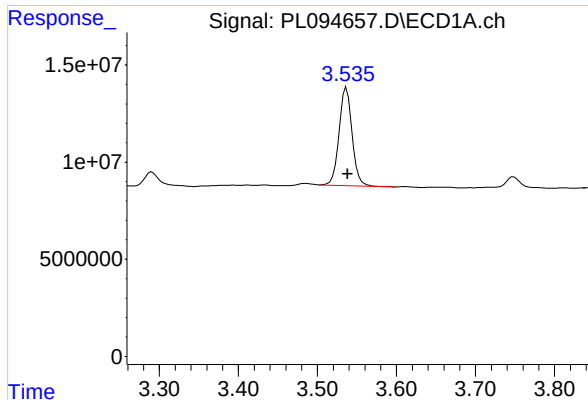
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 20:46
Operator : AR\AJ
Sample : Q1488-12
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
ENV-104-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:37:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

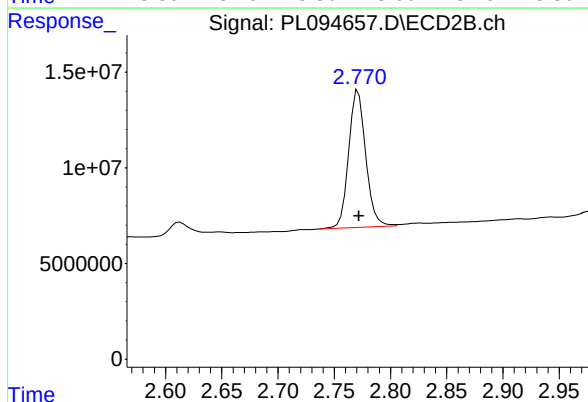




#1 Tetrachloro-m-xylene

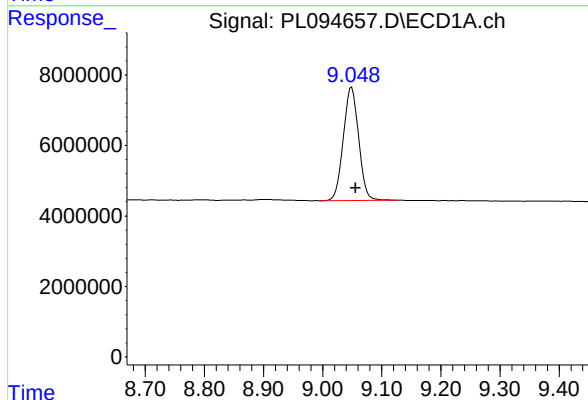
R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 57781003
Conc: 20.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV-104-SB02



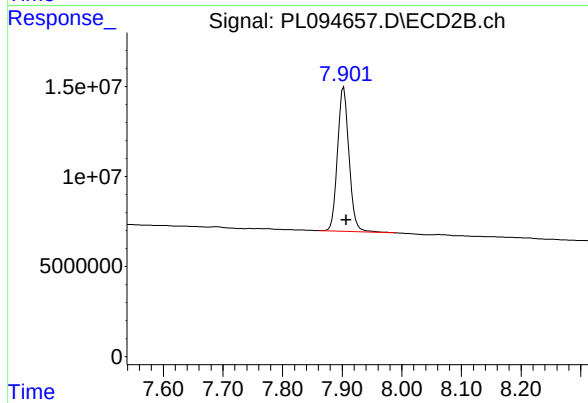
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 75893023
Conc: 21.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 57866231
Conc: 27.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 107046993
Conc: 26.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094682.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 16:34
 Operator : AR\AJ
 Sample : PB167091BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167091BL

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 11:12:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.535	2.770	60028992	78141153	21.207	21.893
28) SA Decachlor...	9.049	7.902	54392054	85796575	25.809	21.240

Target Compounds

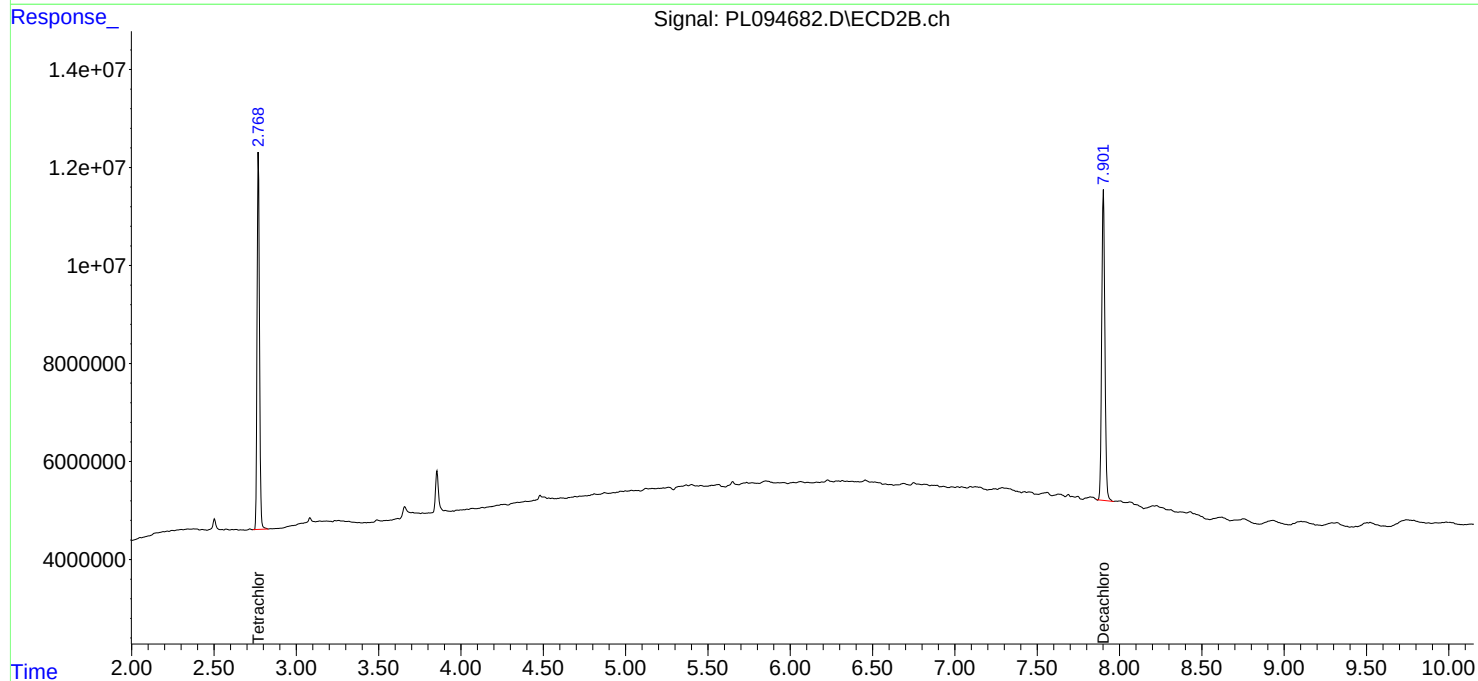
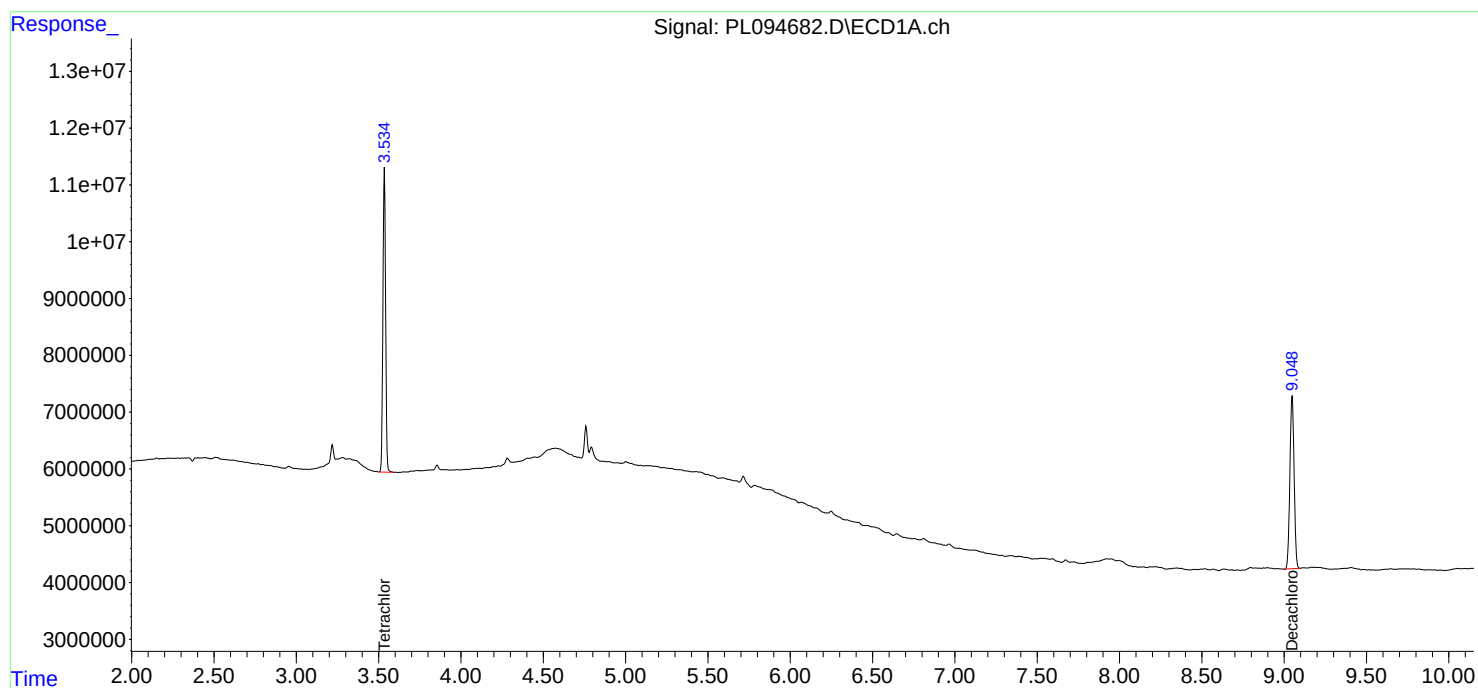
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 16:34
Operator : AR\AJ
Sample : PB167091BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

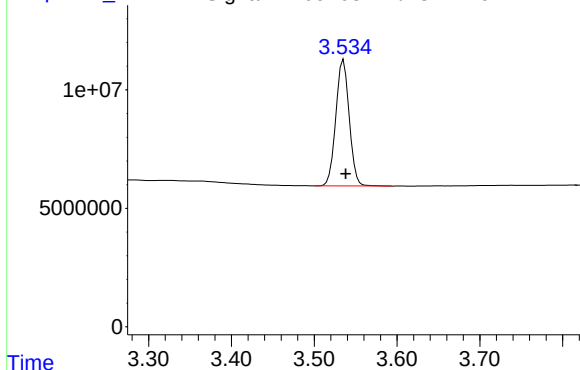
Instrument :
ECD_L
ClientSampleId :
PB167091BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 11:12:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Response_ Signal: PL094682.D\ECD1A.ch

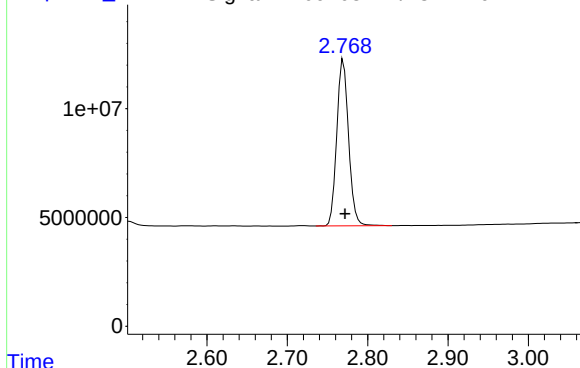


#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 60028992
Conc: 21.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BL

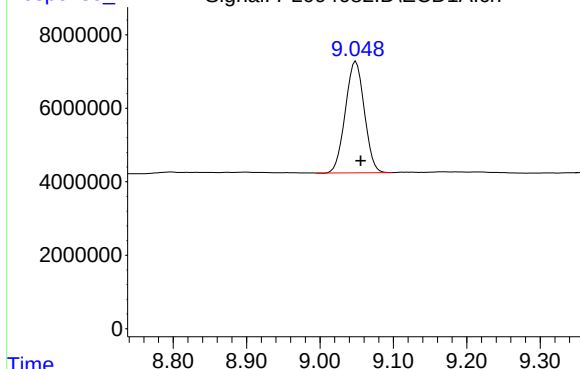
Time Response_ Signal: PL094682.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 78141153
Conc: 21.89 ng/ml

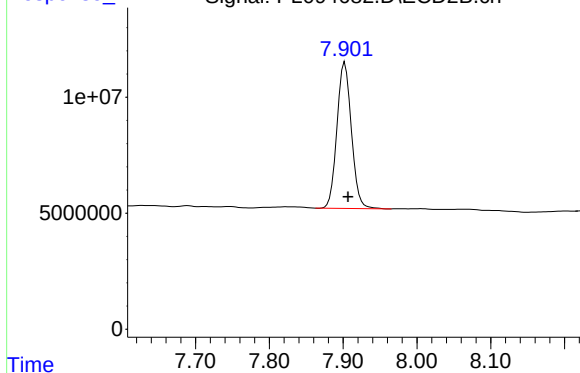
Time Response_ Signal: PL094682.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 54392054
Conc: 25.81 ng/ml

Time Response_ Signal: PL094682.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.004 min
Response: 85796575
Conc: 21.24 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094683.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 17:20
 Operator : AR\AJ
 Sample : PB167091BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167091BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/14/2025

Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 11:12:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.769	54396223	74071628	19.217	20.753
28)	SA Decachlor...	9.051	7.903	51398003	80936186	24.389	20.037
Target Compounds							
2)	A alpha-BHC	3.994	3.271	180.3E6	259.4E6	43.420	48.117
3)	MA gamma-BHC...	4.326	3.601	173.5E6	244.4E6	43.481	47.558
4)	MA Heptachlor	4.914	3.939	166.9E6	249.9E6	43.004	47.423
5)	MB Aldrin	5.255	4.218	159.0E6	231.6E6	43.073	47.498
6)	B beta-BHC	4.525	3.901	78708436	108.8E6	42.655	48.997
7)	B delta-BHC	4.772	4.130	179.7E6	245.7E6	46.133	49.128
8)	B Heptachlo...	5.682	4.721	148.7E6	221.0E6	44.447	48.270
9)	A Endosulfan I	6.067	5.090	137.2E6	210.7E6	44.680	48.015
10)	B gamma-Chl...	5.938	4.971	149.5E6	233.1E6	44.360	48.283
11)	B alpha-Chl...	6.017	5.034	146.7E6	229.3E6	44.483	48.047
12)	B 4,4'-DDE	6.191	5.221	142.5E6	233.9E6	48.434	50.325m
13)	MA Dieldrin	6.342	5.354	144.7E6	236.6E6	45.247	48.757
14)	MA Endrin	6.572	5.630	125.9E6	214.6E6	45.426	49.180
15)	B Endosulfa...	6.792	5.925	127.6E6	208.9E6	47.013	48.257
16)	A 4,4'-DDD	6.709	5.778	111.5E6	185.4E6	51.488	51.563
17)	MA 4,4'-DDT	7.022	6.028	118.6E6	206.1E6	49.879	51.120
18)	B Endrin al...	6.923	6.104	99371539	163.6E6	47.073	48.602
19)	B Endosulfa...	7.156	6.327	117.2E6	204.8E6	48.177	50.278
20)	A Methoxychlor	7.498	6.603	63553076	109.1E6	53.090	51.416
21)	B Endrin ke...	7.642	6.831	132.5E6	235.1E6	50.145	49.253m
22)	Mirex	8.114	7.010	98074894	173.2E6	47.464	45.642m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 17:20
Operator : AR\AJ
Sample : PB167091BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167091BS

Manual Integrations

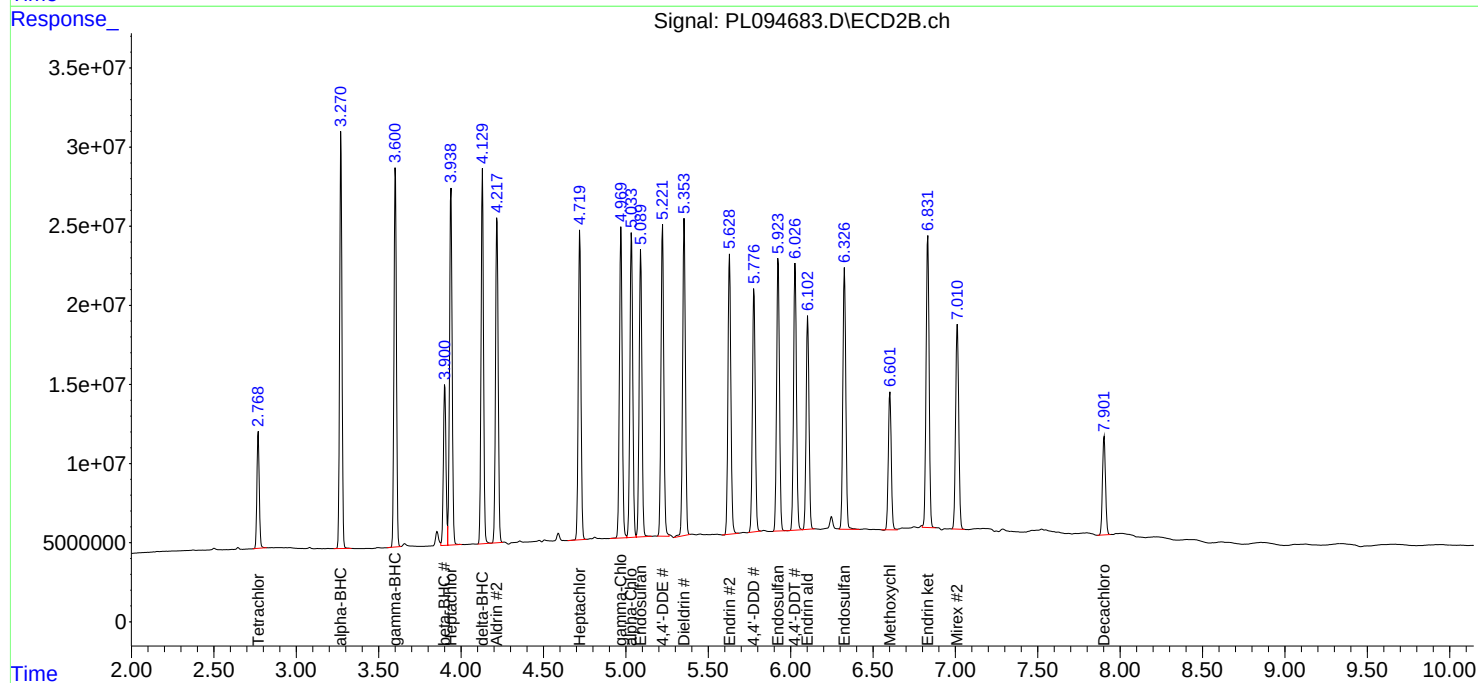
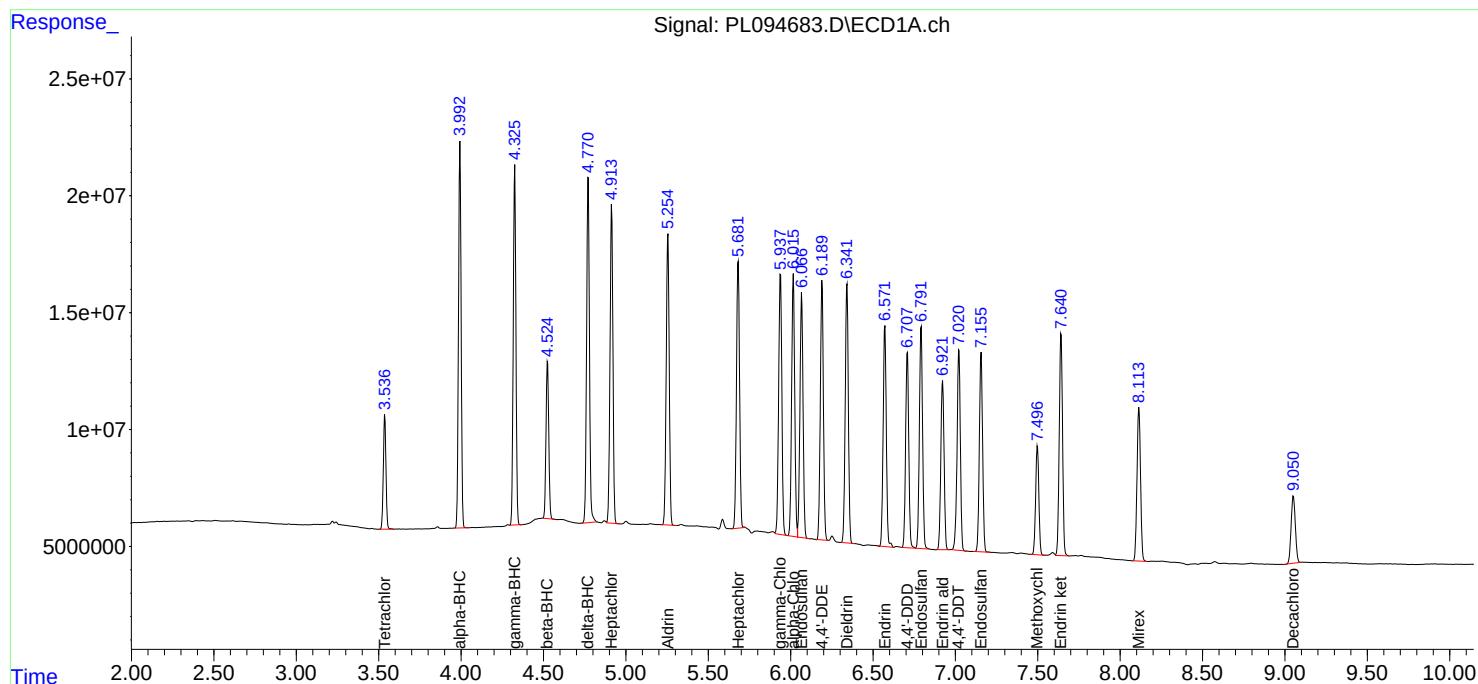
APPROVED

Reviewed By :Yogesh Patel 03/14/2025

Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 11:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 18:29
 Operator : AR\AJ
 Sample : Q1488-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV-101-SB01MS

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 03/13/2025
 Supervised By :Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:35:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.772	58418796	76941111	20.638	21.557
28) SA Decachlor...	9.051	7.904	58727746	108.4E6	27.867	26.831
Target Compounds						
2) A alpha-BHC	3.993	3.272	220.4E6	303.6E6	53.082	56.319m
3) MA gamma-BHC...	4.324	3.603	294.5E6	339.4E6	73.803m	66.045
4) MA Heptachlor	4.913	3.941	200.3E6	282.3E6	51.590	53.577
5) MB Aldrin	5.254	4.219	190.5E6	271.2E6	51.597	55.620
6) B beta-BHC	4.524	3.903	93685857	127.7E6	50.772	57.479
7) B delta-BHC	4.770	4.131	244.1E6	295.2E6	62.678	59.008
8) B Heptachlo...	5.681	4.722	178.0E6	257.8E6	53.214	56.312
9) A Endosulfan I	6.066	5.092	162.4E6	246.5E6	52.884	56.176
10) B gamma-Chl...	5.937	4.972	176.7E6	270.2E6	52.453	55.967
11) B alpha-Chl...	6.016	5.035	174.3E6	265.0E6	52.855	55.531
12) B 4,4'-DDE	6.189	5.224	167.3E6	265.9E6	56.880	57.197
13) MA Dieldrin	6.342	5.356	177.9E6	276.1E6	55.619	56.902
14) MA Endrin	6.571	5.631	144.1E6	252.6E6	51.985	57.894
15) B Endosulfa...	6.791	5.926	152.5E6	249.6E6	56.189	57.675
16) A 4,4'-DDD	6.708	5.779	131.5E6	220.4E6	60.720	61.293
17) MA 4,4'-DDT	7.021	6.029	137.7E6	234.8E6	57.895	58.224
18) B Endrin al...	6.922	6.106	113.4E6	189.3E6	53.741	56.259
19) B Endosulfa...	7.156	6.328	138.9E6	242.5E6	57.100	59.533
20) A Methoxychlor	7.497	6.604	68590351	119.8E6	57.298	56.475
21) B Endrin ke...	7.641	6.833	156.0E6	287.5E6	59.025	60.234
22) Mirex	8.113	7.011	114.3E6	212.4E6	55.333	55.960m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094648.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 18:29
Operator : AR\AJ
Sample : Q1488-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ENV-101-SB01MS

Manual Integrations

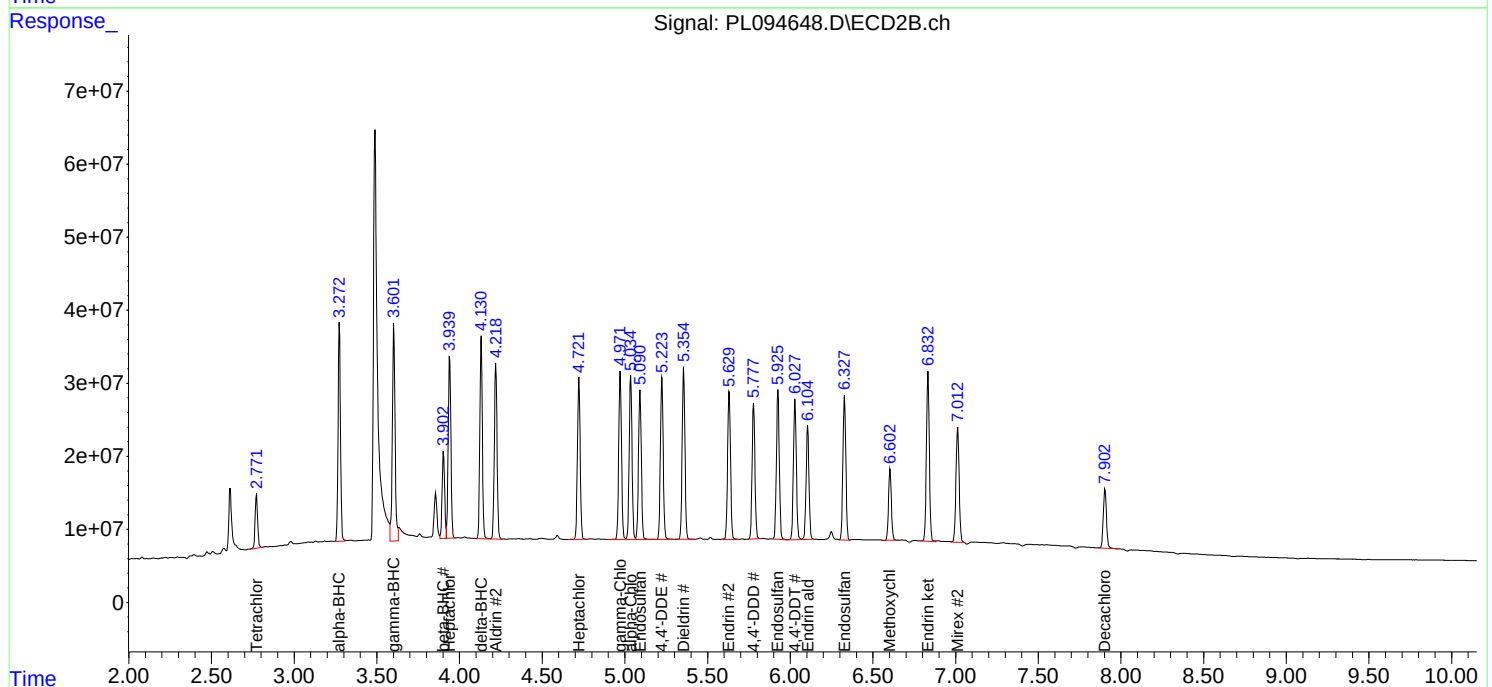
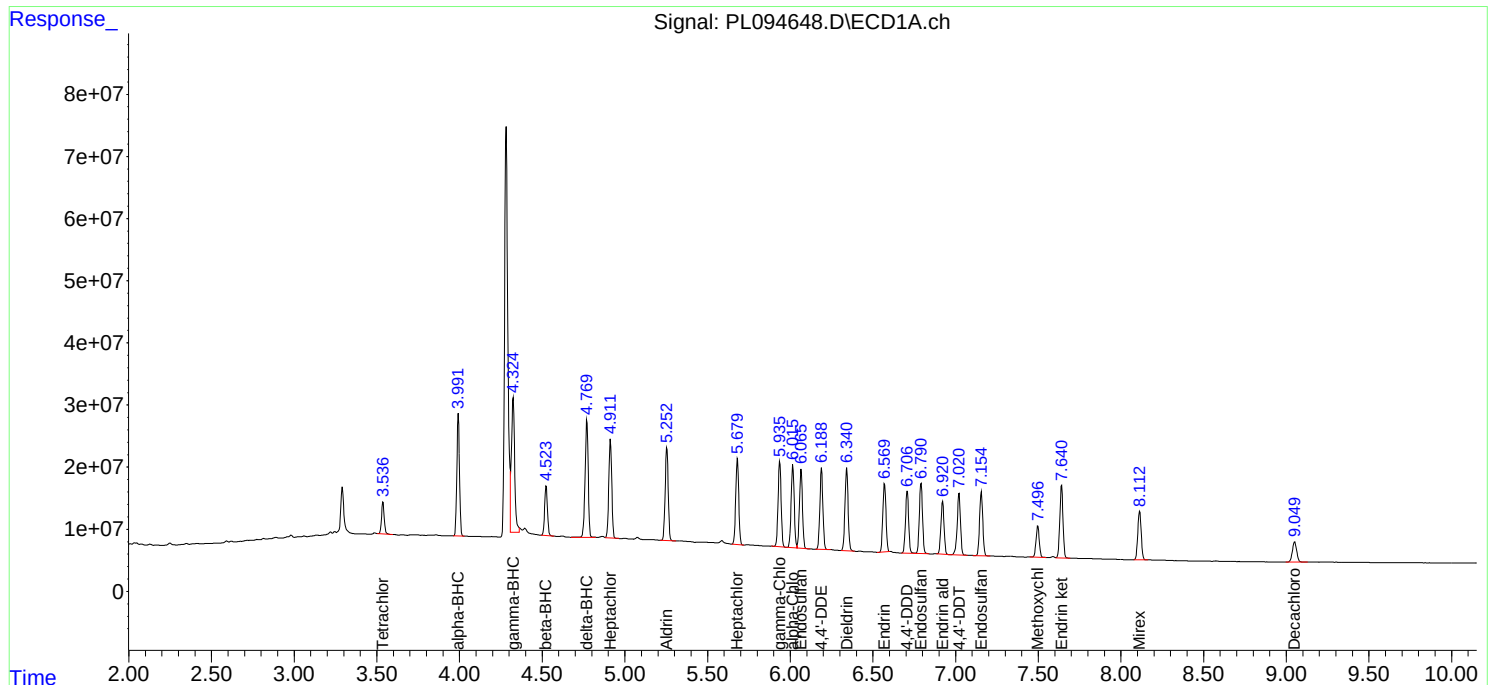
APPROVED

Reviewed By :Abdul Mirza 03/13/2025

Supervised By :Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:35:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094649.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 18:42
 Operator : AR\AJ
 Sample : Q1488-02MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ENV-101-SB01MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/14/2025

Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:36:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.771	59099118	77716626	20.878	21.774
28)	SA Decachlor...	9.051	7.903	58639076	107.7E6	27.825	26.665
Target Compounds							
2)	A alpha-BHC	3.993	3.273	220.9E6	309.2E6	53.193	57.360
3)	MA gamma-BHC...	4.323	3.601	289.7E6	344.4E6	72.591m	67.002m
4)	MA Heptachlor	4.912	3.940	197.4E6	283.3E6	50.851	53.773
5)	MB Aldrin	5.254	4.219	186.9E6	272.3E6	50.611	55.840
6)	B beta-BHC	4.524	3.903	93228879	127.5E6	50.525	57.389
7)	B delta-BHC	4.770	4.131	233.3E6	295.5E6	59.911	59.079
8)	B Heptachlo...	5.681	4.722	175.3E6	258.2E6	52.410	56.384
9)	A Endosulfan I	6.066	5.092	159.7E6	246.8E6	52.024	56.224
10)	B gamma-Chl...	5.937	4.972	174.8E6	271.1E6	51.864	56.138
11)	B alpha-Chl...	6.016	5.036	171.9E6	265.6E6	52.126	55.655
12)	B 4,4'-DDE	6.190	5.224	166.7E6	265.7E6	56.654	57.148
13)	MA Dieldrin	6.341	5.356	173.7E6	275.6E6	54.311	56.800
14)	MA Endrin	6.570	5.631	144.4E6	252.6E6	52.094m	57.895
15)	B Endosulfa...	6.791	5.926	149.2E6	249.7E6	54.959	57.684
16)	A 4,4'-DDD	6.707	5.779	128.7E6	220.7E6	59.422	61.386
17)	MA 4,4'-DDT	7.021	6.029	135.8E6	233.4E6	57.099	57.874
18)	B Endrin al...	6.921	6.105	112.4E6	188.8E6	53.249	56.104
19)	B Endosulfa...	7.157	6.328	136.8E6	242.1E6	56.264	59.432
20)	A Methoxychlor	7.498	6.604	67588959	119.3E6	56.462	56.234
21)	B Endrin ke...	7.641	6.833	154.6E6	286.0E6	58.482	59.917
22)	Mirex	8.113	7.013	113.6E6	212.5E6	54.973	55.986

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094649.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 18:42
Operator : AR\AJ
Sample : Q1488-02MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ENV-101-SB01MSD

Manual Integrations

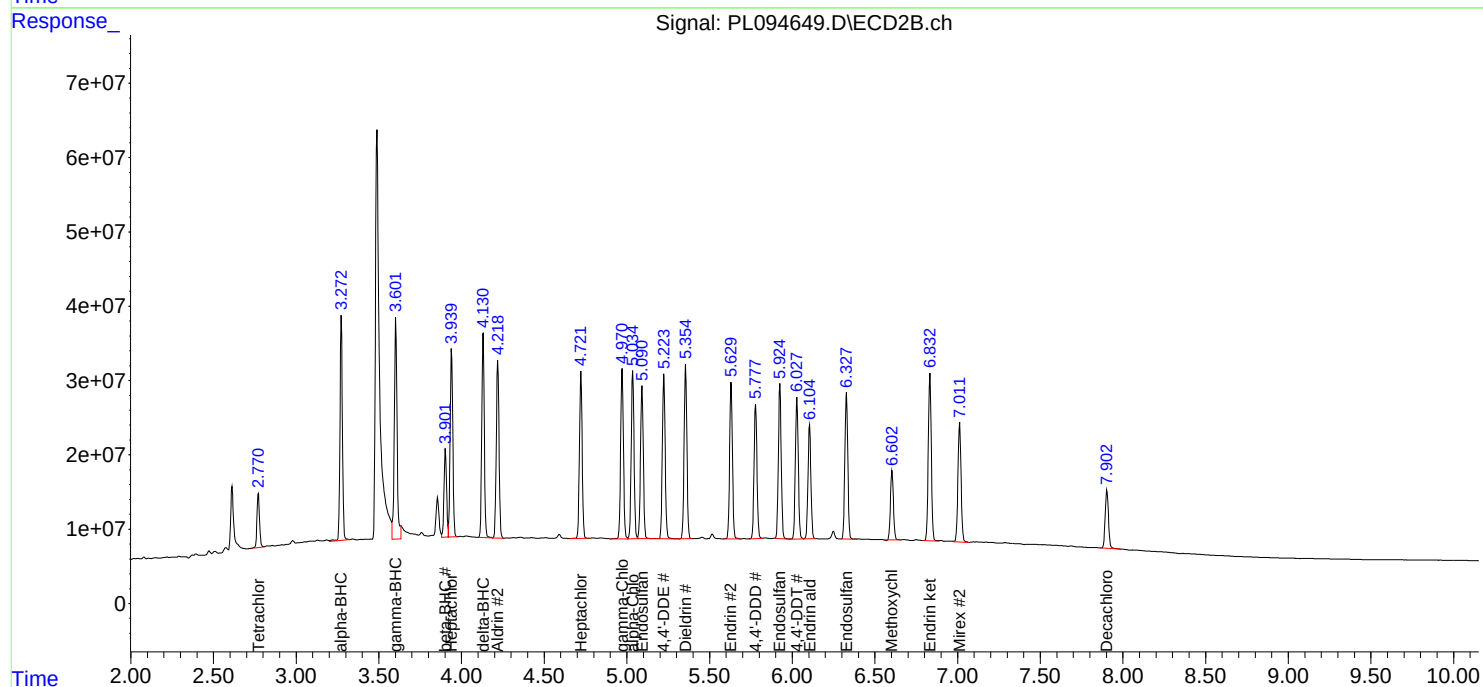
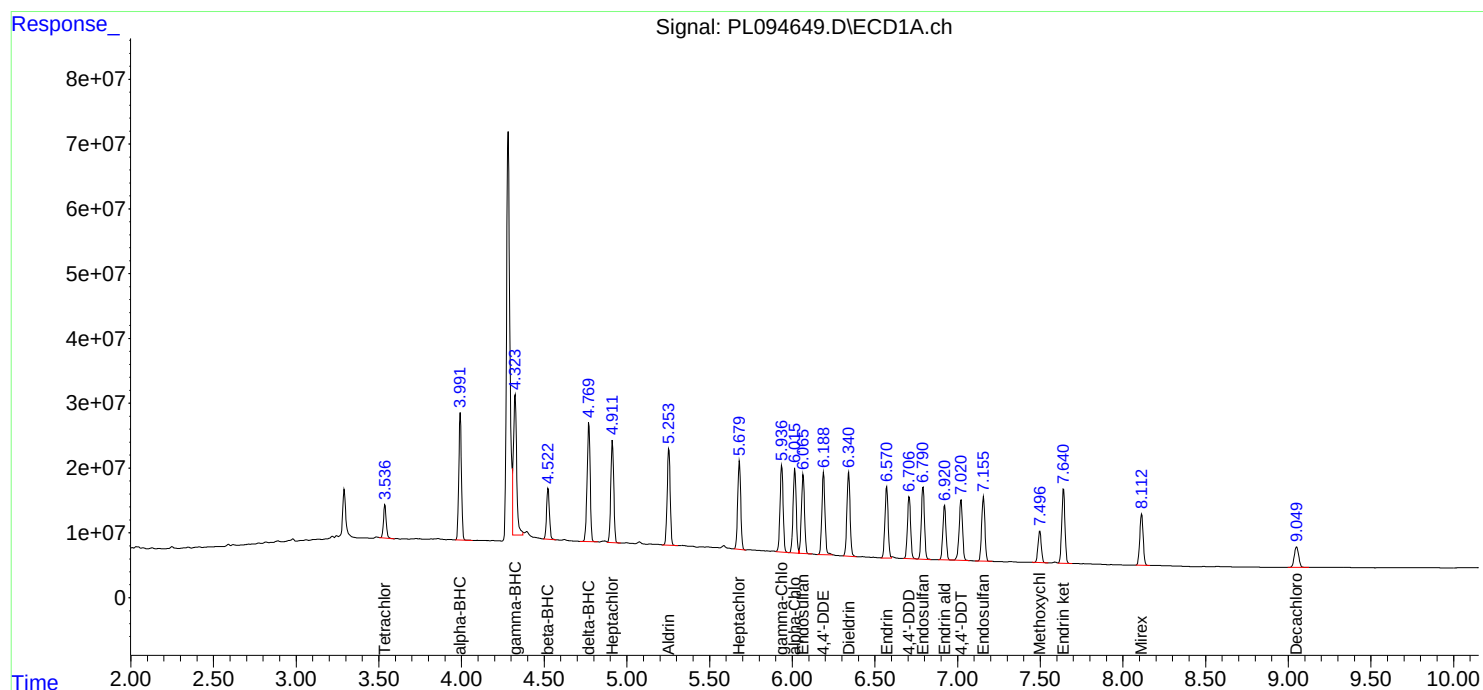
APPROVED

Reviewed By :Yogesh Patel 03/14/2025

Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:36:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm



Manual Integration Report

Sequence:	PL031125	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094567.D	4,4"-DDD	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
PEM	PL094567.D	4,4"-DDD #2	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
PEM	PL094567.D	Endrin aldehyde	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
PEM	PL094567.D	Endrin ketone	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
PEM	PL094567.D	Endrin ketone #2	Abdul	3/12/2025 12:46:01 PM	Ankita	3/12/2025 2:34:07	Peak Integrated by Software
RESCHK	PL094568.D	gamma-Chlordane #2	Abdul	3/12/2025 12:46:05 PM	Ankita	3/12/2025 2:34:09	Peak Integrated by Software
PSTDICC100	PL094569.D	Methoxychlor	Abdul	3/12/2025 12:46:08 PM	Ankita	3/12/2025 2:34:10	Peak Integrated by Software
PSTDICC100	PL094569.D	Mirex	Abdul	3/12/2025 12:46:08 PM	Ankita	3/12/2025 2:34:10	Peak Integrated by Software
PSTDICC075	PL094570.D	Mirex	Abdul	3/12/2025 12:46:12 PM	Ankita	3/12/2025 2:34:12	Peak Integrated by Software
PSTDICC005	PL094573.D	4,4"-DDE #2	Abdul	3/12/2025 12:46:16 PM	Ankita	3/12/2025 2:34:14	Peak Integrated by Software
PSTDICC005	PL094573.D	Dieldrin #2	Abdul	3/12/2025 12:46:16 PM	Ankita	3/12/2025 2:34:14	Peak Integrated by Software
PSTDICC005	PL094573.D	Endrin ketone #2	Abdul	3/12/2025 12:46:16 PM	Ankita	3/12/2025 2:34:14	Peak Integrated by Software
PEM	PL094588.D	4,4"-DDD	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software

Manual Integration Report

Sequence:	PL031125	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094588.D	4,4"-DDE	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	4,4"-DDE #2	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	Endrin	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	Endrin aldehyde	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	Endrin ketone	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	gamma-BHC (Lindane)	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PEM	PL094588.D	Methoxychlor #2	Abdul	3/12/2025 12:46:32 PM	Ankita	3/12/2025 2:34:21	Peak Integrated by Software
PSTDCCC050	PL094589.D	4,4"-DDE #2	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094589.D	Dieldrin #2	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094589.D	Endrin	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094589.D	Endrin #2	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094589.D	gamma-BHC (Lindane)	Abdul	3/12/2025 12:46:36 PM	Ankita	3/12/2025 2:34:22	Peak Integrated by Software
PSTDCCC050	PL094598.D	4,4"-DDE	Abdul	3/12/2025 12:47:00 PM	Ankita	3/12/2025 2:35:02	Peak Integrated by Software

Manual Integration Report

Sequence:	PL031125	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL094598.D	Endrin	Abdul	3/12/2025 12:47:00 PM	Ankita	3/12/2025 2:35:02	Peak Integrated by Software
PSTDCCC050	PL094598.D	gamma-BHC (Lindane)	Abdul	3/12/2025 12:47:00 PM	Ankita	3/12/2025 2:35:02	Peak Integrated by Software
PSTDCCC050	PL094598.D	Heptachlor epoxide #2	Abdul	3/12/2025 12:47:00 PM	Ankita	3/12/2025 2:35:02	Peak Integrated by Software
PEM	PL094606.D	4,4"-DDD	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	4,4"-DDE	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	4,4"-DDE #2	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	Endrin	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	Endrin #2	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	Endrin aldehyde	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PEM	PL094606.D	Endrin ketone #2	Abdul	3/12/2025 12:47:20 PM	Ankita	3/12/2025 2:35:07	Peak Integrated by Software
PSTDCCC050	PL094607.D	4,4"-DDE #2	Abdul	3/12/2025 12:47:24 PM	Ankita	3/12/2025 2:35:09	Peak Integrated by Software
PSTDCCC050	PL094607.D	Dieldrin #2	Abdul	3/12/2025 12:47:24 PM	Ankita	3/12/2025 2:35:09	Peak Integrated by Software
PSTDCCC050	PL094607.D	Endrin	Abdul	3/12/2025 12:47:24 PM	Ankita	3/12/2025 2:35:09	Peak Integrated by Software

Manual Integration Report

Sequence:	PL031125	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL094607.D	gamma-BHC (Lindane)	Abdul	3/12/2025 12:47:24 PM	Ankita	3/12/2025 2:35:09	Peak Integrated by Software
PSTDCCC050	PL094618.D	4,4"-DDD	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software
PSTDCCC050	PL094618.D	4,4"-DDE #2	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software
PSTDCCC050	PL094618.D	Dieldrin #2	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software
PSTDCCC050	PL094618.D	Endosulfan I #2	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software
PSTDCCC050	PL094618.D	Endrin	Abdul	3/12/2025 12:47:46 PM	Ankita	3/12/2025 2:35:26	Peak Integrated by Software

Manual Integration Report

Sequence:	PL031225	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094621.D	4,4"-DDD	Abdul	3/13/2025 8:32:01 AM	Ankita	3/13/2025 11:41:55	Peak Integrated by Software
PEM	PL094621.D	4,4"-DDE	Abdul	3/13/2025 8:32:01 AM	Ankita	3/13/2025 11:41:55	Peak Integrated by Software
PEM	PL094621.D	4,4"-DDE #2	Abdul	3/13/2025 8:32:01 AM	Ankita	3/13/2025 11:41:55	Peak Integrated by Software
PEM	PL094621.D	Endrin	Abdul	3/13/2025 8:32:01 AM	Ankita	3/13/2025 11:41:55	Peak Integrated by Software
PEM	PL094621.D	Endrin aldehyde	Abdul	3/13/2025 8:32:01 AM	Ankita	3/13/2025 11:41:55	Peak Integrated by Software
PSTDCCC050	PL094622.D	4,4"-DDE	Abdul	3/13/2025 8:32:05 AM	Ankita	3/13/2025 11:41:57	Peak Integrated by Software
PSTDCCC050	PL094622.D	4,4"-DDE #2	Abdul	3/13/2025 8:32:05 AM	Ankita	3/13/2025 11:41:57	Peak Integrated by Software
PSTDCCC050	PL094622.D	Dieldrin	Abdul	3/13/2025 8:32:05 AM	Ankita	3/13/2025 11:41:57	Peak Integrated by Software
PSTDCCC050	PL094622.D	Endrin	Abdul	3/13/2025 8:32:05 AM	Ankita	3/13/2025 11:41:57	Peak Integrated by Software
PSTDCCC050	PL094629.D	4,4"-DDD	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software
PSTDCCC050	PL094629.D	4,4"-DDE #2	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software
PSTDCCC050	PL094629.D	Dieldrin #2	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software
PSTDCCC050	PL094629.D	Endosulfan II	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software

Manual Integration Report

Sequence:	PL031225	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL094629.D	Endrin	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software
PSTDCCC050	PL094629.D	gamma-BHC (Lindane)	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software
PSTDCCC050	PL094629.D	gamma-BHC (Lindane) #2	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software
PSTDCCC050	PL094629.D	gamma-Chlordane	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software
PSTDCCC050	PL094629.D	Heptachlor epoxide	Abdul	3/13/2025 8:32:27 AM	Ankita	3/13/2025 11:42:24	Peak Integrated by Software
PCHLORCCC500	PL094630.D	Chlordane-2	Abdul	3/13/2025 8:32:31 AM	Ankita	3/13/2025 11:42:26	Peak Integrated by Software
PCHLORCCC500	PL094630.D	Chlordane-3	Abdul	3/13/2025 8:32:31 AM	Ankita	3/13/2025 11:42:26	Peak Integrated by Software
PCHLORCCC500	PL094630.D	Chlordane-4	Abdul	3/13/2025 8:32:31 AM	Ankita	3/13/2025 11:42:26	Peak Integrated by Software
PSTDCCC050	PL094640.D	4,4"-DDE #2	Abdul	3/13/2025 8:32:54 AM	Ankita	3/13/2025 11:42:35	Peak Integrated by Software
PSTDCCC050	PL094640.D	Dieldrin #2	Abdul	3/13/2025 8:32:54 AM	Ankita	3/13/2025 11:42:35	Peak Integrated by Software
PSTDCCC050	PL094640.D	Endrin	Abdul	3/13/2025 8:32:54 AM	Ankita	3/13/2025 11:42:35	Peak Integrated by Software
PCHLORCCC500	PL094641.D	Chlordane-2	Abdul	3/13/2025 8:32:58 AM	Ankita	3/13/2025 11:42:37	Peak Integrated by Software
PCHLORCCC500	PL094641.D	Chlordane-5	Abdul	3/13/2025 8:32:58 AM	Ankita	3/13/2025 11:42:37	Peak Integrated by Software

Manual Integration Report

Sequence:	PL031225	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PCHLORCCC500	PL094641.D	Chlordane-5 #2	Abdul	3/13/2025 8:32:58 AM	Ankita	3/13/2025 11:42:37	Peak Integrated by Software
PTOXCCC500	PL094642.D	Toxaphene-2	Abdul	3/13/2025 8:33:04 AM	Ankita	3/13/2025 11:42:38	Peak Integrated by Software
Q1488-02MS	PL094648.D	alpha-BHC #2	Abdul	3/13/2025 8:33:17 AM	Ankita	3/13/2025 11:43:02	Peak Integrated by Software
Q1488-02MS	PL094648.D	gamma-BHC (Lindane)	Abdul	3/13/2025 8:33:17 AM	Ankita	3/13/2025 11:43:02	Peak Integrated by Software
Q1488-02MS	PL094648.D	Mirex #2	Abdul	3/13/2025 8:33:17 AM	Ankita	3/13/2025 11:43:02	Peak Integrated by Software
Q1488-02MSD	PL094649.D	Endrin	yogesh	3/14/2025 3:47:22 PM	mohammad	3/18/2025 6:27:43	Peak Integrated by Software
Q1488-02MSD	PL094649.D	gamma-BHC (Lindane)	yogesh	3/14/2025 3:47:22 PM	mohammad	3/18/2025 6:27:43	Peak Integrated by Software
Q1488-02MSD	PL094649.D	gamma-BHC (Lindane) #2	yogesh	3/14/2025 3:47:22 PM	mohammad	3/18/2025 6:27:43	Peak Integrated by Software
Q1488-04	PL094650.D	Decachlorobiphenyl	Abdul	3/13/2025 8:33:27 AM	Ankita	3/13/2025 11:43:03	Peak Integrated by Software
Q1488-04	PL094650.D	Tetrachloro-m-xylene	Abdul	3/13/2025 8:33:27 AM	Ankita	3/13/2025 11:43:03	Peak Integrated by Software
I.BLK	PL094651.D	Tetrachloro-m-xylene	Abdul	3/13/2025 8:33:33 AM	Ankita	3/13/2025 11:43:05	Peak Integrated by Software
PEM	PL094652.D	4,4"-DDE	Abdul	3/13/2025 8:33:37 AM	Ankita	3/13/2025 11:43:06	Peak Integrated by Software
PEM	PL094652.D	4,4"-DDE #2	Abdul	3/13/2025 8:33:37 AM	Ankita	3/13/2025 11:43:06	Peak Integrated by Software

Manual Integration Report

Sequence:	PL031225	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094652.D	Endrin	Abdul	3/13/2025 8:33:37 AM	Ankita	3/13/2025 11:43:06	Peak Integrated by Software
PEM	PL094652.D	Endrin ketone #2	Abdul	3/13/2025 8:33:37 AM	Ankita	3/13/2025 11:43:06	Peak Integrated by Software
PSTDCCC050	PL094653.D	4,4"-DDE #2	Abdul	3/13/2025 8:34:19 AM	Ankita	3/13/2025 11:43:08	Peak Integrated by Software
PSTDCCC050	PL094653.D	Dieldrin #2	Abdul	3/13/2025 8:34:19 AM	Ankita	3/13/2025 11:43:08	Peak Integrated by Software
PSTDCCC050	PL094653.D	Endrin	Abdul	3/13/2025 8:34:19 AM	Ankita	3/13/2025 11:43:08	Peak Integrated by Software
Q1488-06	PL094654.D	Tetrachloro-m-xylene	Abdul	3/13/2025 8:33:41 AM	Ankita	3/13/2025 11:43:10	Peak Integrated by Software
Q1488-06	PL094654.D	Tetrachloro-m-xylene #2	Abdul	3/13/2025 8:33:41 AM	Ankita	3/13/2025 11:43:10	Peak Integrated by Software
Q1488-08	PL094655.D	Tetrachloro-m-xylene	Abdul	3/13/2025 8:33:44 AM	Ankita	3/13/2025 11:43:12	Peak Integrated by Software
Q1488-08	PL094655.D	Tetrachloro-m-xylene #2	Abdul	3/13/2025 8:33:44 AM	Ankita	3/13/2025 11:43:12	Peak Integrated by Software
Q1488-10	PL094656.D	Tetrachloro-m-xylene	Abdul	3/13/2025 8:33:49 AM	Ankita	3/13/2025 11:43:13	Peak Integrated by Software
I.BLK	PL094663.D	Tetrachloro-m-xylene	Abdul	3/13/2025 8:33:58 AM	Ankita	3/13/2025 11:43:17	Peak Integrated by Software
PSTDCCC050	PL094664.D	4,4"-DDE #2	Abdul	3/13/2025 8:31:20 AM	Ankita	3/13/2025 11:43:18	Peak Integrated by Software
PSTDCCC050	PL094664.D	Dieldrin #2	Abdul	3/13/2025 8:31:20 AM	Ankita	3/13/2025 11:43:18	Peak Integrated by Software

Manual Integration Report

Sequence:

PL031225

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL094664.D	Endosulfan I #2	Abdul	3/13/2025 8:31:20 AM	Ankita	3/13/2025 11:43:18	Peak Integrated by Software
PSTDCCC050	PL094664.D	Endrin	Abdul	3/13/2025 8:31:20 AM	Ankita	3/13/2025 11:43:18	Peak Integrated by Software
PSTDCCC050	PL094664.D	Endrin ketone #2	Abdul	3/13/2025 8:31:20 AM	Ankita	3/13/2025 11:43:18	Peak Integrated by Software

Manual Integration Report

Sequence:	PL031325	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL094667.D	4,4"-DDD	yogesh	3/14/2025 3:46:19 PM	mohammad	3/18/2025 5:07:31	Peak Integrated by Software
PEM	PL094667.D	4,4"-DDD #2	yogesh	3/14/2025 3:46:19 PM	mohammad	3/18/2025 5:07:31	Peak Integrated by Software
PEM	PL094667.D	Endrin aldehyde	yogesh	3/14/2025 3:46:19 PM	mohammad	3/18/2025 5:07:31	Peak Integrated by Software
PSTDCCC050	PL094668.D	Decachlorobiphenyl	yogesh	3/14/2025 3:46:21 PM	mohammad	3/18/2025 5:07:35	Peak Integrated by Software
PSTDCCC050	PL094668.D	Endrin ketone #2	yogesh	3/14/2025 3:46:21 PM	mohammad	3/18/2025 5:07:35	Peak Integrated by Software
PSTDCCC050	PL094677.D	Mirex #2	yogesh	3/14/2025 3:46:30 PM	mohammad	3/18/2025 5:07:54	Peak Integrated by Software
PB167091BS	PL094683.D	4,4"-DDE #2	yogesh	3/14/2025 3:46:37 PM	mohammad	3/18/2025 5:08:13	Peak Integrated by Software
PB167091BS	PL094683.D	Endrin ketone #2	yogesh	3/14/2025 3:46:37 PM	mohammad	3/18/2025 5:08:13	Peak Integrated by Software
PB167091BS	PL094683.D	Mirex #2	yogesh	3/14/2025 3:46:37 PM	mohammad	3/18/2025 5:08:13	Peak Integrated by Software
PSTDCCC050	PL094695.D	4,4"-DDE #2	yogesh	3/14/2025 3:46:47 PM	mohammad	3/18/2025 5:08:42	Peak Integrated by Software
PSTDCCC050	PL094695.D	Dieldrin #2	yogesh	3/14/2025 3:46:47 PM	mohammad	3/18/2025 5:08:42	Peak Integrated by Software
PSTDCCC050	PL094695.D	Endrin	yogesh	3/14/2025 3:46:47 PM	mohammad	3/18/2025 5:08:42	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PL031325

Instrument

ECD_I

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM
SubDirectory	PL031125	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL094565.D	11 Mar 2025 09:41	AR\AJ	Ok
2	I.BLK	PL094566.D	11 Mar 2025 09:55	AR\AJ	Ok
3	PEM	PL094567.D	11 Mar 2025 10:08	AR\AJ	Ok,M
4	RESCHK	PL094568.D	11 Mar 2025 10:22	AR\AJ	Ok,M
5	PSTDICC100	PL094569.D	11 Mar 2025 10:35	AR\AJ	Ok,M
6	PSTDICC075	PL094570.D	11 Mar 2025 10:49	AR\AJ	Ok,M
7	PSTDICC050	PL094571.D	11 Mar 2025 11:02	AR\AJ	Ok
8	PSTDICC025	PL094572.D	11 Mar 2025 11:16	AR\AJ	Ok
9	PSTDICC005	PL094573.D	11 Mar 2025 11:29	AR\AJ	Ok,M
10	PCHLORICC1000	PL094574.D	11 Mar 2025 11:43	AR\AJ	Ok
11	PCHLORICC750	PL094575.D	11 Mar 2025 11:57	AR\AJ	Ok
12	PCHLORICC500	PL094576.D	11 Mar 2025 12:10	AR\AJ	Ok
13	PCHLORICC250	PL094577.D	11 Mar 2025 12:24	AR\AJ	Ok
14	PCHLORICC050	PL094578.D	11 Mar 2025 12:37	AR\AJ	Ok,M
15	PTOXICC1000	PL094579.D	11 Mar 2025 12:51	AR\AJ	Ok
16	PTOXICC750	PL094580.D	11 Mar 2025 13:04	AR\AJ	Ok
17	PTOXICC500	PL094581.D	11 Mar 2025 13:18	AR\AJ	Ok
18	PTOXICC250	PL094582.D	11 Mar 2025 13:31	AR\AJ	Ok,M
19	PTOXICC100	PL094583.D	11 Mar 2025 13:45	AR\AJ	Ok,M
20	PSTDICV050	PL094584.D	11 Mar 2025 13:59	AR\AJ	Ok
21	PCHLORICV500	PL094585.D	11 Mar 2025 14:26	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM
SubDirectory	PL031125	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PL094586.D	11 Mar 2025 14:53	AR\AJ	Ok
23	I.BLK	PL094587.D	11 Mar 2025 17:16	AR\AJ	Ok
24	PEM	PL094588.D	11 Mar 2025 17:30	AR\AJ	Ok,M
25	PSTDCCC050	PL094589.D	11 Mar 2025 17:43	AR\AJ	Ok,M
26	PB167076BL	PL094590.D	11 Mar 2025 17:57	AR\AJ	Ok
27	PB167076BS	PL094591.D	11 Mar 2025 18:11	AR\AJ	Ok,M
28	PB167076BSD	PL094592.D	11 Mar 2025 18:44	AR\AJ	Ok,M
29	Q1494-01	PL094593.D	11 Mar 2025 18:57	AR\AJ	Not Ok
30	Q1502-11	PL094594.D	11 Mar 2025 19:11	AR\AJ	Not Ok
31	Q1502-09	PL094595.D	11 Mar 2025 19:25	AR\AJ	Dilution
32	Q1502-13	PL094596.D	11 Mar 2025 19:39	AR\AJ	Not Ok
33	I.BLK	PL094597.D	11 Mar 2025 19:52	AR\AJ	Ok
34	PSTDCCC050	PL094598.D	11 Mar 2025 20:06	AR\AJ	Ok,M
35	Q1539-01	PL094599.D	11 Mar 2025 20:33	AR\AJ	Ok,M
36	Q1539-02	PL094600.D	11 Mar 2025 20:47	AR\AJ	Ok,M
37	PB167086BL	PL094601.D	11 Mar 2025 21:01	AR\AJ	Ok
38	PB167086BS	PL094602.D	11 Mar 2025 21:14	AR\AJ	Not Ok
39	PB167087BL	PL094603.D	11 Mar 2025 21:28	AR\AJ	Ok
40	PB167087BS	PL094604.D	11 Mar 2025 21:42	AR\AJ	Not Ok
41	I.BLK	PL094605.D	11 Mar 2025 21:55	AR\AJ	Ok
42	PEM	PL094606.D	11 Mar 2025 22:09	AR\AJ	Ok,M
43	PSTDCCC050	PL094607.D	11 Mar 2025 22:23	AR\AJ	Ok,M
44	PB167077BL	PL094608.D	11 Mar 2025 22:50	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM
SubDirectory	PL031125	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	PB167077BS	PL094609.D	11 Mar 2025 23:04	AR\AJ	Not Ok
46	Q1534-01	PL094610.D	11 Mar 2025 23:17	AR\AJ	Ok,M
47	Q1534-07	PL094611.D	11 Mar 2025 23:31	AR\AJ	Ok,M
48	Q1534-07MS	PL094612.D	11 Mar 2025 23:44	AR\AJ	Ok,M
49	Q1534-07MSD	PL094613.D	11 Mar 2025 23:58	AR\AJ	Ok,M
50	Q1534-13	PL094614.D	12 Mar 2025 00:11	AR\AJ	Dilution
51	Q1534-19	PL094615.D	12 Mar 2025 00:25	AR\AJ	Dilution
52	Q1535-01	PL094616.D	12 Mar 2025 00:39	AR\AJ	Ok,M
53	I.BLK	PL094617.D	12 Mar 2025 00:53	AR\AJ	Ok
54	PSTDCCC050	PL094618.D	12 Mar 2025 01:06	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM
Supervise By	Ankita	Supervise On	3/13/2025 11:43:34 AM
SubDirectory	PL031225	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL094619.D	12 Mar 2025 08:23	AR\AJ	Ok
2	I.BLK	PL094620.D	12 Mar 2025 08:37	AR\AJ	Ok
3	PEM	PL094621.D	12 Mar 2025 08:51	AR\AJ	Ok,M
4	PSTDCCC050	PL094622.D	12 Mar 2025 09:04	AR\AJ	Ok,M
5	Q1494-01	PL094623.D	12 Mar 2025 09:44	AR\AJ	Ok
6	PB167077BS	PL094624.D	12 Mar 2025 10:15	AR\AJ	Ok,M
7	Q1534-13DL	PL094625.D	12 Mar 2025 10:33	AR\AJ	Ok,M
8	Q1534-19DL	PL094626.D	12 Mar 2025 10:47	AR\AJ	Dilution
9	Q1534-19DL2	PL094627.D	12 Mar 2025 11:00	AR\AJ	Ok,M
10	I.BLK	PL094628.D	12 Mar 2025 11:14	AR\AJ	Ok
11	PSTDCCC050	PL094629.D	12 Mar 2025 11:37	AR\AJ	Ok,M
12	PCHLORCCC500	PL094630.D	12 Mar 2025 12:06	AR\AJ	Ok,M
13	PTOXCCC500	PL094631.D	12 Mar 2025 12:34	AR\AJ	Ok
14	PB167086BS	PL094632.D	12 Mar 2025 13:17	AR\AJ	Ok,M
15	PB167087BS	PL094633.D	12 Mar 2025 13:50	AR\AJ	Ok
16	Q1502-11	PL094634.D	12 Mar 2025 14:12	AR\AJ	Ok,M
17	Q1502-09DL	PL094635.D	12 Mar 2025 14:26	AR\AJ	Dilution
18	Q1502-09DL2	PL094636.D	12 Mar 2025 14:40	AR\AJ	Ok,M
19	Q1502-13	PL094637.D	12 Mar 2025 14:54	AR\AJ	Dilution
20	Q1502-13DL	PL094638.D	12 Mar 2025 15:07	AR\AJ	Ok
21	I.BLK	PL094639.D	12 Mar 2025 15:35	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM
Supervise By	Ankita	Supervise On	3/13/2025 11:43:34 AM
SubDirectory	PL031225	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PSTDCCC050	PL094640.D	12 Mar 2025 15:49	AR\AJ	Ok,M
23	PCHLORCCC500	PL094641.D	12 Mar 2025 16:02	AR\AJ	Ok,M
24	PTOXCCC500	PL094642.D	12 Mar 2025 16:54	AR\AJ	Ok,M
25	PB167091BL	PL094643.D	12 Mar 2025 17:20	AR\AJ	Not Ok
26	PB167091BS	PL094644.D	12 Mar 2025 17:34	AR\AJ	Not Ok
27	PB167020TB	PL094645.D	12 Mar 2025 17:48	AR\AJ	Not Ok
28	PB167049TB	PL094646.D	12 Mar 2025 18:01	AR\AJ	Not Ok
29	Q1488-02	PL094647.D	12 Mar 2025 18:15	AR\AJ	Ok
30	Q1488-02MS	PL094648.D	12 Mar 2025 18:29	AR\AJ	Ok,M
31	Q1488-02MSD	PL094649.D	12 Mar 2025 18:42	AR\AJ	Ok,M
32	Q1488-04	PL094650.D	12 Mar 2025 18:56	AR\AJ	Ok,M
33	I.BLK	PL094651.D	12 Mar 2025 19:10	AR\AJ	Ok,M
34	PEM	PL094652.D	12 Mar 2025 19:24	AR\AJ	Ok,M
35	PSTDCCC050	PL094653.D	12 Mar 2025 19:38	AR\AJ	Ok,M
36	Q1488-06	PL094654.D	12 Mar 2025 20:05	AR\AJ	Ok,M
37	Q1488-08	PL094655.D	12 Mar 2025 20:19	AR\AJ	Ok,M
38	Q1488-10	PL094656.D	12 Mar 2025 20:33	AR\AJ	Ok,M
39	Q1488-12	PL094657.D	12 Mar 2025 20:46	AR\AJ	Ok
40	Q1514-02	PL094658.D	12 Mar 2025 21:00	AR\AJ	Ok
41	Q1514-04	PL094659.D	12 Mar 2025 21:13	AR\AJ	Ok,M
42	Q1514-06	PL094660.D	12 Mar 2025 21:27	AR\AJ	Ok
43	Q1523-03	PL094661.D	12 Mar 2025 21:41	AR\AJ	Ok
44	Q1523-06	PL094662.D	12 Mar 2025 21:55	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM
Supervise By	Ankita	Supervise On	3/13/2025 11:43:34 AM
SubDirectory	PL031225	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	I.BLK	PL094663.D	12 Mar 2025 22:09	AR\AJ	Ok,M
46	PSTDCCC050	PL094664.D	12 Mar 2025 22:22	AR\AJ	Ok,M

M : Manual Integration



Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031325

Review By	yogesh	Review On	3/14/2025 3:47:02 PM
Supervise By	mohammad	Supervise On	3/18/2025 5:09:03 AM
SubDirectory	PL031325	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL094665.D	13 Mar 2025 10:10	AR\AJ	Ok
2	I.BLK	PL094666.D	13 Mar 2025 11:33	AR\AJ	Ok
3	PEM	PL094667.D	13 Mar 2025 11:53	AR\AJ	Ok,M
4	PSTDCCC050	PL094668.D	13 Mar 2025 12:24	AR\AJ	Ok,M
5	PB167112BL	PL094669.D	13 Mar 2025 12:54	AR\AJ	Not Ok
6	PB167112BS	PL094670.D	13 Mar 2025 13:38	AR\AJ	Ok
7	Q1545-01	PL094671.D	13 Mar 2025 14:02	AR\AJ	Ok,M
8	Q1547-01	PL094672.D	13 Mar 2025 14:16	AR\AJ	Ok
9	Q1547-01MS	PL094673.D	13 Mar 2025 14:29	AR\AJ	Ok,M
10	Q1547-01MSD	PL094674.D	13 Mar 2025 14:43	AR\AJ	Ok,M
11	Q1547-06	PL094675.D	13 Mar 2025 14:57	AR\AJ	Ok
12	I.BLK	PL094676.D	13 Mar 2025 15:12	AR\AJ	Ok
13	PSTDCCC050	PL094677.D	13 Mar 2025 15:25	AR\AJ	Ok,M
14	Q1549-01	PL094678.D	13 Mar 2025 15:39	AR\AJ	Ok,M
15	Q1552-01	PL094679.D	13 Mar 2025 15:53	AR\AJ	Ok,M
16	Q1553-01	PL094680.D	13 Mar 2025 16:07	AR\AJ	Ok,M
17	Q1556-01	PL094681.D	13 Mar 2025 16:21	AR\AJ	Ok
18	PB167091BL	PL094682.D	13 Mar 2025 16:34	AR\AJ	Ok
19	PB167091BS	PL094683.D	13 Mar 2025 17:20	AR\AJ	Ok,M
20	PB167020TB	PL094684.D	13 Mar 2025 17:33	AR\AJ	Ok
21	PB167049TB	PL094685.D	13 Mar 2025 17:47	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031325

Review By	yogesh	Review On	3/14/2025 3:47:02 PM
Supervise By	mohammad	Supervise On	3/18/2025 5:09:03 AM
SubDirectory	PL031325	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PB167125BL	PL094686.D	13 Mar 2025 18:01	AR\AJ	Ok
23	PB167125BS	PL094687.D	13 Mar 2025 18:15	AR\AJ	Not Ok
24	PB167103TB	PL094688.D	13 Mar 2025 18:28	AR\AJ	Ok
25	Q1547-05	PL094689.D	13 Mar 2025 18:42	AR\AJ	Ok,M
26	Q1547-10	PL094690.D	13 Mar 2025 18:56	AR\AJ	Ok,M
27	Q1552-05	PL094691.D	13 Mar 2025 19:09	AR\AJ	Ok
28	Q1547-05MS	PL094692.D	13 Mar 2025 19:23	AR\AJ	Ok,M
29	Q1547-05MSD	PL094693.D	13 Mar 2025 19:37	AR\AJ	Ok,M
30	I.BLK	PL094694.D	13 Mar 2025 19:51	AR\AJ	Ok
31	PSTDCCC050	PL094695.D	13 Mar 2025 20:04	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM
SubDirectory	PL031125	HP Acquire Method	HP Processing Method p031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL094565.D	11 Mar 2025 09:41		AR\AJ	Ok
2	I.BLK	I.BLK	PL094566.D	11 Mar 2025 09:55		AR\AJ	Ok
3	PEM	PEM	PL094567.D	11 Mar 2025 10:08		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL094568.D	11 Mar 2025 10:22		AR\AJ	Ok,M
5	PSTDICC100	PSTDICC100	PL094569.D	11 Mar 2025 10:35		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PL094570.D	11 Mar 2025 10:49		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PL094571.D	11 Mar 2025 11:02		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL094572.D	11 Mar 2025 11:16		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL094573.D	11 Mar 2025 11:29		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL094574.D	11 Mar 2025 11:43		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL094575.D	11 Mar 2025 11:57		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL094576.D	11 Mar 2025 12:10		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL094577.D	11 Mar 2025 12:24		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL094578.D	11 Mar 2025 12:37		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL094579.D	11 Mar 2025 12:51		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL094580.D	11 Mar 2025 13:04		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL094581.D	11 Mar 2025 13:18		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL094582.D	11 Mar 2025 13:31		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM
SubDirectory	PL031125	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PL094583.D	11 Mar 2025 13:45		AR\AJ	Ok,M
20	PSTDICV050	ICVPL031125	PL094584.D	11 Mar 2025 13:59		AR\AJ	Ok
21	PCHLORICV500	ICVPL031125CHLOR	PL094585.D	11 Mar 2025 14:26		AR\AJ	Ok
22	PTOXICV500	ICVPL031125TOX	PL094586.D	11 Mar 2025 14:53		AR\AJ	Ok
23	I.BLK	I.BLK	PL094587.D	11 Mar 2025 17:16		AR\AJ	Ok
24	PEM	PEM	PL094588.D	11 Mar 2025 17:30		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL094589.D	11 Mar 2025 17:43		AR\AJ	Ok,M
26	PB167076BL	PB167076BL	PL094590.D	11 Mar 2025 17:57		AR\AJ	Ok
27	PB167076BS	PB167076BS	PL094591.D	11 Mar 2025 18:11		AR\AJ	Ok,M
28	PB167076BSD	PB167076BSD	PL094592.D	11 Mar 2025 18:44		AR\AJ	Ok,M
29	Q1494-01	PURGE-WATER	PL094593.D	11 Mar 2025 18:57	F Flag in TCMX for both column	AR\AJ	Not Ok
30	Q1502-11	PT-CHLR-WP	PL094594.D	11 Mar 2025 19:11	Chlordane CCAL missing , TCMX high in 2nd column	AR\AJ	Not Ok
31	Q1502-09	PT-PEST-WP	PL094595.D	11 Mar 2025 19:25	TCMX high in 1st column , Need dilution	AR\AJ	Dilution
32	Q1502-13	PT-TXP-WP	PL094596.D	11 Mar 2025 19:39	TOX CCAL missing , need dilution	AR\AJ	Not Ok
33	I.BLK	I.BLK	PL094597.D	11 Mar 2025 19:52		AR\AJ	Ok
34	PSTDCCC050	PSTDCCC050	PL094598.D	11 Mar 2025 20:06		AR\AJ	Ok,M
35	Q1539-01	TAPIAL3-MW03D-0310	PL094599.D	11 Mar 2025 20:33		AR\AJ	Ok,M
36	Q1539-02	TAPFTA-MW01I-03102	PL094600.D	11 Mar 2025 20:47		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031125

Review By	Abdul	Review On	3/12/2025 12:48:59 PM
Supervise By	Ankita	Supervise On	3/12/2025 2:35:44 PM
SubDirectory	PL031125	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

37	PB167086BL	PB167086BL	PL094601.D	11 Mar 2025 21:01		AR\AJ	Ok
38	PB167086BS	PB167086BS	PL094602.D	11 Mar 2025 21:14	Chlordane CCAL missing	AR\AJ	Not Ok
39	PB167087BL	PB167087BL	PL094603.D	11 Mar 2025 21:28		AR\AJ	Ok
40	PB167087BS	PB167087BS	PL094604.D	11 Mar 2025 21:42	TOX CCAL missing	AR\AJ	Not Ok
41	I.BLK	I.BLK	PL094605.D	11 Mar 2025 21:55		AR\AJ	Ok
42	PEM	PEM	PL094606.D	11 Mar 2025 22:09		AR\AJ	Ok,M
43	PSTDCCC050	PSTDCCC050	PL094607.D	11 Mar 2025 22:23		AR\AJ	Ok,M
44	PB167077BL	PB167077BL	PL094608.D	11 Mar 2025 22:50		AR\AJ	Ok
45	PB167077BS	PB167077BS	PL094609.D	11 Mar 2025 23:04	Comp#2 recovery fail	AR\AJ	Not Ok
46	Q1534-01	OR-636-COMP-16	PL094610.D	11 Mar 2025 23:17		AR\AJ	Ok,M
47	Q1534-07	OR-636-COMP-17	PL094611.D	11 Mar 2025 23:31		AR\AJ	Ok,M
48	Q1534-07MS	OR-636-COMP-17MS	PL094612.D	11 Mar 2025 23:44		AR\AJ	Ok,M
49	Q1534-07MSD	OR-636-COMP-17MSD	PL094613.D	11 Mar 2025 23:58		AR\AJ	Ok,M
50	Q1534-13	OR-636-COMP-18	PL094614.D	12 Mar 2025 00:11	need dilution	AR\AJ	Dilution
51	Q1534-19	OR-636-COMP-19	PL094615.D	12 Mar 2025 00:25	need dilution	AR\AJ	Dilution
52	Q1535-01	SU-03-03102025	PL094616.D	12 Mar 2025 00:39		AR\AJ	Ok,M
53	I.BLK	I.BLK	PL094617.D	12 Mar 2025 00:53		AR\AJ	Ok
54	PSTDCCC050	PSTDCCC050	PL094618.D	12 Mar 2025 01:06		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM
Supervise By	Ankita	Supervise On	3/13/2025 11:43:34 AM
SubDirectory	PL031225	HP Acquire Method	HP Processing Method p031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL094619.D	12 Mar 2025 08:23		AR\AJ	Ok
2	I.BLK	I.BLK	PL094620.D	12 Mar 2025 08:37		AR\AJ	Ok
3	PEM	PEM	PL094621.D	12 Mar 2025 08:51		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL094622.D	12 Mar 2025 09:04		AR\AJ	Ok,M
5	Q1494-01	PURGE-WATER	PL094623.D	12 Mar 2025 09:44		AR\AJ	Ok
6	PB167077BS	PB167077BS	PL094624.D	12 Mar 2025 10:15		AR\AJ	Ok,M
7	Q1534-13DL	OR-636-COMP-18DL	PL094625.D	12 Mar 2025 10:33		AR\AJ	Ok,M
8	Q1534-19DL	OR-636-COMP-19DL	PL094626.D	12 Mar 2025 10:47	need dilution	AR\AJ	Dilution
9	Q1534-19DL2	OR-636-COMP-19DL2	PL094627.D	12 Mar 2025 11:00		AR\AJ	Ok,M
10	I.BLK	I.BLK	PL094628.D	12 Mar 2025 11:14		AR\AJ	Ok
11	PSTDCCC050	PSTDCCC050	PL094629.D	12 Mar 2025 11:37		AR\AJ	Ok,M
12	PCHLORCCC500	PCHLORCCC500	PL094630.D	12 Mar 2025 12:06		AR\AJ	Ok,M
13	PTOXCCC500	PTOXCCC500	PL094631.D	12 Mar 2025 12:34		AR\AJ	Ok
14	PB167086BS	PB167086BS	PL094632.D	12 Mar 2025 13:17		AR\AJ	Ok,M
15	PB167087BS	PB167087BS	PL094633.D	12 Mar 2025 13:50		AR\AJ	Ok
16	Q1502-11	PT-CHLR-WP	PL094634.D	12 Mar 2025 14:12	TCMX high in 2nd column	AR\AJ	Ok,M
17	Q1502-09DL	PT-PEST-WPDL	PL094635.D	12 Mar 2025 14:26	TCMX high in 1st column , Need dilution	AR\AJ	Dilution

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM
Supervise By	Ankita	Supervise On	3/13/2025 11:43:34 AM
SubDirectory	PL031225	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	Q1502-09DL2	PT-PEST-WPDL2	PL094636.D	12 Mar 2025 14:40	DCB and TCMX high in 1st column	AR\AJ	Ok,M
19	Q1502-13	PT-TXP-WP	PL094637.D	12 Mar 2025 14:54	need dilution	AR\AJ	Dilution
20	Q1502-13DL	PT-TXP-WPDL	PL094638.D	12 Mar 2025 15:07		AR\AJ	Ok
21	I.BLK	I.BLK	PL094639.D	12 Mar 2025 15:35		AR\AJ	Ok
22	PSTDCCC050	PSTDCCC050	PL094640.D	12 Mar 2025 15:49		AR\AJ	Ok,M
23	PCHLORCCC500	PCHLORCCC500	PL094641.D	12 Mar 2025 16:02		AR\AJ	Ok,M
24	PTOXCCC500	PTOXCCC500	PL094642.D	12 Mar 2025 16:54		AR\AJ	Ok,M
25	PB167091BL	PB167091BL	PL094643.D	12 Mar 2025 17:20	DCB high in 1st column	AR\AJ	Not Ok
26	PB167091BS	PB167091BS	PL094644.D	12 Mar 2025 17:34	DCB high in both column , TCMX high in 1st column , Comp#20 recovery fail	AR\AJ	Not Ok
27	PB167020TB	PB167020TB	PL094645.D	12 Mar 2025 17:48	DCB high in 1st column	AR\AJ	Not Ok
28	PB167049TB	PB167049TB	PL094646.D	12 Mar 2025 18:01	DCB high in 1st column	AR\AJ	Not Ok
29	Q1488-02	ENV-101-SB01	PL094647.D	12 Mar 2025 18:15		AR\AJ	Ok
30	Q1488-02MS	ENV-101-SB01MS	PL094648.D	12 Mar 2025 18:29		AR\AJ	Ok,M
31	Q1488-02MSD	ENV-101-SB01MSD	PL094649.D	12 Mar 2025 18:42		AR\AJ	Ok,M
32	Q1488-04	ENV-101-SB02	PL094650.D	12 Mar 2025 18:56		AR\AJ	Ok,M
33	I.BLK	I.BLK	PL094651.D	12 Mar 2025 19:10		AR\AJ	Ok,M
34	PEM	PEM	PL094652.D	12 Mar 2025 19:24		AR\AJ	Ok,M
35	PSTDCCC050	PSTDCCC050	PL094653.D	12 Mar 2025 19:38	Comp#16 high in 2nd column	AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031225

Review By	Abdul	Review On	3/13/2025 8:34:38 AM
Supervise By	Ankita	Supervise On	3/13/2025 11:43:34 AM
SubDirectory	PL031225	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

36	Q1488-06	ENV-102-SB01	PL094654.D	12 Mar 2025 20:05	DCB high in 1st column	AR\AJ	Ok,M
37	Q1488-08	ENV-102-SB02	PL094655.D	12 Mar 2025 20:19		AR\AJ	Ok,M
38	Q1488-10	ENV-104-SB01	PL094656.D	12 Mar 2025 20:33		AR\AJ	Ok,M
39	Q1488-12	ENV-104-SB02	PL094657.D	12 Mar 2025 20:46		AR\AJ	Ok
40	Q1514-02	ENV-105-SB01	PL094658.D	12 Mar 2025 21:00		AR\AJ	Ok
41	Q1514-04	ENV-105-SB02	PL094659.D	12 Mar 2025 21:13		AR\AJ	Ok,M
42	Q1514-06	ENV-103-SB01	PL094660.D	12 Mar 2025 21:27		AR\AJ	Ok
43	Q1523-03	WC-A1-01-C	PL094661.D	12 Mar 2025 21:41		AR\AJ	Ok
44	Q1523-06	WC-A2-02-C	PL094662.D	12 Mar 2025 21:55		AR\AJ	Ok
45	I.BLK	I.BLK	PL094663.D	12 Mar 2025 22:09	DCB high in 1st column	AR\AJ	Ok,M
46	PSTDCCC050	PSTDCCC050	PL094664.D	12 Mar 2025 22:22	Comp#16 high in both column	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031325

Review By	yogesh	Review On	3/14/2025 3:47:02 PM
Supervise By	mohammad	Supervise On	3/18/2025 5:09:03 AM
SubDirectory	PL031325	HP Acquire Method	HP Processing Method p031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP24095
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL094665.D	13 Mar 2025 10:10		AR\AJ	Ok
2	I.BLK	I.BLK	PL094666.D	13 Mar 2025 11:33		AR\AJ	Ok
3	PEM	PEM	PL094667.D	13 Mar 2025 11:53		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL094668.D	13 Mar 2025 12:24		AR\AJ	Ok,M
5	PB167112BL	PB167112BL	PL094669.D	13 Mar 2025 12:54	f falg	AR\AJ	Not Ok
6	PB167112BS	PB167112BS	PL094670.D	13 Mar 2025 13:38		AR\AJ	Ok
7	Q1545-01	BU-02-031125	PL094671.D	13 Mar 2025 14:02		AR\AJ	Ok,M
8	Q1547-01	OR-620-JB-COMP-01	PL094672.D	13 Mar 2025 14:16		AR\AJ	Ok
9	Q1547-01MS	OR-620-JB-COMP-01M	PL094673.D	13 Mar 2025 14:29		AR\AJ	Ok,M
10	Q1547-01MSD	OR-620-JB-COMP-01M	PL094674.D	13 Mar 2025 14:43		AR\AJ	Ok,M
11	Q1547-06	OR-620-JB-COMP-02	PL094675.D	13 Mar 2025 14:57		AR\AJ	Ok
12	I.BLK	I.BLK	PL094676.D	13 Mar 2025 15:12		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PL094677.D	13 Mar 2025 15:25		AR\AJ	Ok,M
14	Q1549-01	72-11978	PL094678.D	13 Mar 2025 15:39		AR\AJ	Ok,M
15	Q1552-01	NB-418-JB-COMP-01	PL094679.D	13 Mar 2025 15:53		AR\AJ	Ok,M
16	Q1553-01	RT2321	PL094680.D	13 Mar 2025 16:07		AR\AJ	Ok,M
17	Q1556-01	OR-02-031225	PL094681.D	13 Mar 2025 16:21		AR\AJ	Ok
18	PB167091BL	PB167091BL	PL094682.D	13 Mar 2025 16:34		AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL031325

Review By	yogesh	Review On	3/14/2025 3:47:02 PM
Supervise By	mohammad	Supervise On	3/18/2025 5:09:03 AM
SubDirectory	PL031325	HP Acquire Method	HP Processing Method
			pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP23793,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP242583,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PB167091BS	PB167091BS	PL094683.D	13 Mar 2025 17:20		AR\AJ	Ok,M
20	PB167020TB	PB167020TB	PL094684.D	13 Mar 2025 17:33		AR\AJ	Ok
21	PB167049TB	PB167049TB	PL094685.D	13 Mar 2025 17:47		AR\AJ	Ok
22	PB167125BL	PB167125BL	PL094686.D	13 Mar 2025 18:01		AR\AJ	Ok
23	PB167125BS	PB167125BS	PL094687.D	13 Mar 2025 18:15	Methoxychlor Recovery fail for 1st column	AR\AJ	Not Ok
24	PB167103TB	PB167103TB	PL094688.D	13 Mar 2025 18:28		AR\AJ	Ok
25	Q1547-05	OR-620-JB-COMP-01	PL094689.D	13 Mar 2025 18:42		AR\AJ	Ok,M
26	Q1547-10	OR-620-JB-COMP-02	PL094690.D	13 Mar 2025 18:56		AR\AJ	Ok,M
27	Q1552-05	NB-418-JB-COMP-01	PL094691.D	13 Mar 2025 19:09		AR\AJ	Ok
28	Q1547-05MS	OR-620-JB-COMP-01M	PL094692.D	13 Mar 2025 19:23		AR\AJ	Ok,M
29	Q1547-05MSD	OR-620-JB-COMP-01M	PL094693.D	13 Mar 2025 19:37		AR\AJ	Ok,M
30	I.BLK	I.BLK	PL094694.D	13 Mar 2025 19:51		AR\AJ	Ok
31	PSTDCCC050	PSTDCCC050	PL094695.D	13 Mar 2025 20:04		AR\AJ	Ok,M

M : Manual Integration

SOP ID : M1311-TCLP-15

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pipette ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 03/06/2025 Time : 17:00

End Prep Date : 03/07/2025 Time : 11:20

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 25 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : *JP*

Supervisor By : *IL*

Standard Name	MLS USED	STD REF. # FROM LOG
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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP110802
HCL-TCLP,1N	N/A	WP110803
HNO3-TCLP,1N	N/A	WP110804
pH Strips	W3172.	W1931,W1934,W3171,W3172
pH Strips	W1941,W1942	W3166,W1938,W1939,W1940,
1L Amber bottle	N/A	90424-08
120ml Plastic bottle	N/A	405130101
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. Particle size reduction is not required. TUMBLER T-1 /T-2 checked,30 rpm. q1514-06 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/07/25 12:30	<i>JP</i> / <i>TCLP Room</i>	<i>JP</i> / <i>RT / EXT</i>
	Preparation Group	Analysis Group

JP

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167020TB	LEB020	15	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q1488-02	ENV-101-SB01	01	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1488-04	ENV-101-SB02	02	100.01	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1488-06	ENV-102-SB01	03	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1488-08	ENV-102-SB02	04	100.04	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q1488-10	ENV-104-SB01	05	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1488-12	ENV-104-SB02	06	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1490-02	CLAY-SLUDGE-DRUMS	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q1494-04	ASPHALT-SOIL	08	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1494-06	SOIL	09	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1494-08	SOIL-COMP	10	100.04	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q1510-01	FMC-25-0001-0005	11	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q1514-02	ENV-105-SB01	12	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q1514-04	ENV-105-SB02	13	100.03	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q1514-06	ENV-103-SB01	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167020TB	LEB020	N/A	N/A	N/A	N/A	N/A	N/A
Q1488-02	ENV-101-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1488-04	ENV-101-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1488-06	ENV-102-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1488-08	ENV-102-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1488-10	ENV-104-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1488-12	ENV-104-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1490-02	CLAY-SLUDGE-DRUMS	N/A	N/A	N/A	N/A	100	N/A
Q1494-04	ASPHALT-SOIL	N/A	N/A	N/A	N/A	100	N/A
Q1494-06	SOIL	N/A	N/A	N/A	N/A	100	N/A
Q1494-08	SOIL-COMP	N/A	N/A	N/A	N/A	100	N/A
Q1510-01	FMC-25-0001-0005	N/A	N/A	N/A	N/A	100	N/A
Q1514-02	ENV-105-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1514-04	ENV-105-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1514-06	ENV-103-SB01	N/A	N/A	N/A	N/A	100	N/A

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB167020TB	LEB020	N/A	N/A	N/A	N/A	#1	4.94
Q1488-02	ENV-101-SB01	5.01	96.5	6.2	2.5	#1	4.94
Q1488-04	ENV-101-SB02	5.02	96.5	6.6	2.0	#1	4.94
Q1488-06	ENV-102-SB01	5.03	96.5	6.2	2.5	#1	4.94
Q1488-08	ENV-102-SB02	5.04	96.5	7.2	2.5	#1	4.94
Q1488-10	ENV-104-SB01	5.03	96.5	6.6	2.0	#1	4.94
Q1488-12	ENV-104-SB02	5.02	96.5	7.0	2.5	#1	4.94
Q1490-02	CLAY-SLUDGE-DRUMS	5.04	96.5	7.0	2.5	#1	4.94
Q1494-04	ASPHALT-SOIL	5.01	96.5	8.6	3.0	#1	4.94
Q1494-06	SOIL	5.02	96.5	9.1	4.0	#1	4.94
Q1494-08	SOIL-COMP	5.04	96.5	8.6	3.5	#1	4.94
Q1510-01	FMC-25-0001-0005	5.03	96.5	5.6	1.5	#1	4.94
Q1514-02	ENV-105-SB01	5.01	96.5	7.6	2.5	#1	4.94
Q1514-04	ENV-105-SB02	5.02	96.5	8.0	3.0	#1	4.94
Q1514-06	ENV-103-SB01	5.03	96.5	9.1	3.5	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q1490 WorkList ID : 188086 Department : TCLP Extraction Date : 03-06-2025 11:40:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1488-02	ENV-101-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	H31	03/04/2025	1311
Q1488-04	ENV-101-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	H31	03/04/2025	1311
Q1488-06	ENV-102-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	H31	03/04/2025	1311
Q1488-08	ENV-102-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	H31	03/04/2025	1311
Q1488-10	ENV-104-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	H31	03/04/2025	1311
Q1488-12	ENV-104-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	H31	03/04/2025	1311
Q1490-02	CLAY-SLUDGE-DRUMS	Solid	TCLP Extraction	Cool 4 deg C	PORT06	H31	03/04/2025	1311
Q1494-04	ASPHALT-SOIL	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	I21	03/05/2025	1311
Q1494-06	SOIL	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	I31	03/05/2025	1311
Q1494-08	SOIL-COMP	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	I31	03/05/2025	1311
Q1510-01	FMC-25-0001-0005	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	I31	03/05/2025	1311
Q1514-02	ENV-105-SB01	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	I21	03/06/2025	1311
Q1514-04	ENV-105-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	I31	03/05/2025	1311
Q1514-06	ENV-103-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	I31	03/05/2025	1311

Date/Time 03/06/25 16:10
Raw Sample Received by: SA WOC
Raw Sample Relinquished by: CP SM

Date/Time 03/06/25 18:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: SA WOC

SOP ID:	M3510C,3580A-Extraction Pesticide-16		
Clean Up SOP #:	N/A	Extraction Start Date :	03/11/2025
Matrix :	Water	Extraction Start Time :	11:54
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Extraction End Date :	03/11/2025
Balance ID:	N/A	Filter By:	RS
pH Strip Lot#:	E3880	Extraction End Time :	16:55
		pH Meter ID:	N/A
		Concentration By:	EH
		Hood ID:	4,5,6,7
		Supervisor By :	RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24208
Surrogate	1.0ML	200 PPB	PP24217
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3878
Baked Na2SO4	N/A	EP2593
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
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID:	WATER BATH-1,2	Envap ID:	NEVAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/11/25	RS (Ex-lab)	Y.P. PESTIPCB
17:00	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction Pesticide-16

Concentration Date: 03/11/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167020TB	PB167020TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB167049TB	PB167049TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			2
PB167091BL	PBLK091	TCLP Pesticide	1000	6	RUPESH	ritesh	10			3
PB167091BS	PLCS091	TCLP Pesticide	1000	6	RUPESH	ritesh	10			4
Q1488-02	ENV-101-SB01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
Q1488-02MS	ENV-101-SB01MS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6
Q1488-02MS D	ENV-101-SB01MSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		7
Q1488-04	ENV-101-SB02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		8
Q1488-06	ENV-102-SB01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		9
Q1488-08	ENV-102-SB02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		10
Q1488-10	ENV-104-SB01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		11
Q1488-12	ENV-104-SB02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		12
Q1514-02	ENV-105-SB01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		13
Q1514-04	ENV-105-SB02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		14
Q1514-06	ENV-103-SB01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		15
Q1523-03	WC-A1-01-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		16
Q1523-06	WC-A2-02-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		17

* Extracts relinquished on the same date as received.

RS
3/11

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167020TB	LEB020	15	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q1488-02	ENV-101-SB01	01	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1488-04	ENV-101-SB02	02	100.01	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1488-06	ENV-102-SB01	03	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q1488-08	ENV-102-SB02	04	100.04	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q1488-10	ENV-104-SB01	05	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1488-12	ENV-104-SB02	06	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1490-02	CLAY-SLUDGE-DRUMS	07	100.01	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q1494-04	ASPHALT-SOIL	08	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1494-06	SOIL	09	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1494-08	SOIL-COMP	10	100.04	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q1510-01	FMC-25-0001-0005	11	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q1514-02	ENV-105-SB01	12	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q1514-04	ENV-105-SB02	13	100.03	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q1514-06	ENV-103-SB01	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2

03/07/25
121.30

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167049TB	LEB049	10	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-1
Q1523-03	WC-A1-01-C	01	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q1523-06	WC-A2-02-C	02	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q1534-06	OR-363-COMP-16	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1534-12	OR-363-COMP-17	04	100.02	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q1534-18	OR-363-COMP-18	05	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q1534-24	OR-363OR-363-COMP-19-	06	100.02	2000	N/A	N/A	N/A	4.5	1.0	T-1
Q1537-05	COMP-1	07	100.03	2000	N/A	N/A	N/A	10.0	1.5	T-1
Q1537-06	COMP-2	08	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q1537-07	COMP-3	09	100.04	2000	N/A	N/A	N/A	11.0	1.5	T-1

03/11/2025
11:00

LAB CHRONICLE

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

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1488-01	ENV-101-SB01	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
Q1488-02	ENV-101-SB01	TCLP	TCLP Herbicide	8151A	03/04/25	03/11/25	03/12/25	03/04/25
			TCLP Pesticide	8081B		03/11/25	03/12/25	
Q1488-03	ENV-101-SB02	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
Q1488-04	ENV-101-SB02	TCLP	TCLP Herbicide	8151A	03/04/25	03/11/25	03/12/25	03/04/25
			TCLP Pesticide	8081B		03/11/25	03/12/25	
Q1488-05	ENV-102-SB01	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
			EPH	NJEPH		03/10/25	03/11/25	
Q1488-06	ENV-102-SB01	TCLP	TCLP Herbicide	8151A	03/04/25	03/11/25	03/12/25	03/04/25
			TCLP Pesticide	8081B		03/11/25	03/12/25	
Q1488-07	ENV-102-SB02	SOIL	PCB	8082A	03/04/25	03/05/25	03/05/25	03/04/25
			EPH	NJEPH		03/10/25	03/10/25	
			EPH	NJEPH		03/10/25	03/11/25	
Q1488-08	ENV-102-SB02	TCLP	TCLP Herbicide	8151A	03/04/25	03/11/25	03/12/25	03/04/25

LAB CHRONICLE

Q1488-09	ENV-104-SB01	SOIL	TCLP Pesticide	8081B		03/11/25	03/12/25	03/04/25	03/04/25
			PCB	8082A		03/05/25	03/05/25		
			EPH	NJEPH		03/10/25	03/10/25		
			EPH	NJEPH		03/10/25	03/11/25		
Q1488-10	ENV-104-SB01	TCLP						03/04/25	03/04/25
			TCLP Herbicide	8151A		03/11/25	03/12/25		
Q1488-11	ENV-104-SB02	SOIL	TCLP Pesticide	8081B		03/11/25	03/12/25	03/04/25	03/04/25
			PCB	8082A		03/05/25	03/05/25		
			EPH	NJEPH		03/10/25	03/10/25		
			EPH	NJEPH		03/10/25	03/11/25		
Q1488-12	ENV-104-SB02	TCLP						03/04/25	03/04/25
			TCLP Herbicide	8151A		03/11/25	03/12/25		
Q1488-13	ENV-102-GW01	Water	TCLP Pesticide	8081B		03/11/25	03/12/25	03/04/25	03/04/25
			EPH	NJEPH		03/05/25	03/05/25		
			PCB	8082A		03/06/25	03/06/25		
Q1488-14	ENV-104-GW01	Water						03/04/25	03/04/25
			EPH	NJEPH		03/05/25	03/05/25		
			PCB	8082A		03/06/25	03/06/25		