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Hit Summary Sheet
SW-846

SDG No.: Q1746

Order ID: Q1746

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:	04/09/25
Client Sample ID:	PB167517TB	SDG No.:	Q1746
Lab Sample ID:	PB167517TB	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
PL095157.D	1	04/09/25 12:50	04/09/25 22:10	PB167535

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	20.8		30 (43) - 150 (140)	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		30 (77) - 150 (126)	97%	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:	04/05/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-SB01	SDG No.:	Q1746
Lab Sample ID:	Q1746-02	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
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095160.D	1	04/09/25 12:50	04/09/25 22:51	PB167535

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	23.5		30 (43) - 150 (140)	117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		30 (77) - 150 (126)	97%	SPK: 20

Comments:

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D = Dilution

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/07/25
Client Sample ID:	B-149-SB02	SDG No.:	Q1746
Lab Sample ID:	Q1746-04	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
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095161.D	1	04/09/25 12:50	04/09/25 23:05	PB167535

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	23.3		30 (43) - 150 (140)	117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		30 (77) - 150 (126)	98%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q1746

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-PL095137.D	PIBLK-PL095137.D	Decachlorobiphenyl	1	20	20.9	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.1	96		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	16.8	84		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.4	102		30 (77)	150 (126)
Q1739-02MS	WC-LIQUID-20250404MS	Decachlorobiphenyl	1	20	17.4	87		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	12.5	62		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	12.8	64		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	14.0	70		30 (77)	150 (126)
Q1739-02MSD	WC-LIQUID-20250404MSD	Decachlorobiphenyl	1	20	16.4	82		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	12.3	61		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	12.9	64		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	13.7	69		30 (77)	150 (126)
I.BLK-PL095147.D	PIBLK-PL095147.D	Decachlorobiphenyl	1	20	18.8	94		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.1	90		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	15.8	79		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.1	95		30 (77)	150 (126)
PB167535BL	PB167535BL	Decachlorobiphenyl	1	20	20.9	104		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.3	97		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.5	98		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.2	101		30 (77)	150 (126)
PB167517TB	PB167517TB	Decachlorobiphenyl	1	20	20.8	104		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.4	92		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.7	98		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.4	97		30 (77)	150 (126)
Q1746-02	B-149-SB01	Decachlorobiphenyl	1	20	23.5	117		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	17.5	88		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.8	109		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.4	97		30 (77)	150 (126)
Q1746-04	B-149-SB02	Decachlorobiphenyl	1	20	23.3	117		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	17.4	87		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	22.4	112		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.5	98		30 (77)	150 (126)
I.BLK-PL095162.D	PIBLK-PL095162.D	Decachlorobiphenyl	1	20	22.4	112		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.1	96		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	22.0	110		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.1	100		30 (77)	150 (126)
I.BLK-PL095202.D	PIBLK-PL095202.D	Decachlorobiphenyl	1	20	22.6	113		30 (43)	150 (140)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q1746

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL095202.D	PIBLK-PL095202.D	Tetrachloro-m-xylene	1	20	20.6	103		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.7	109		30 (43)	150 (140)
I.BLK-PL095224.D	PIBLK-PL095224.D	Tetrachloro-m-xylene	2	20	20.1	100		30 (77)	150 (126)
		Decachlorobiphenyl	1	20	23.9	120		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	22.7	114		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	22.3	111		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.2	101		30 (77)	150 (126)
PB167535BS	PB167535BS	Decachlorobiphenyl	1	20	19.0	95		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	16.6	83		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	15.4	77		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	15.3	77		30 (77)	150 (126)
I.BLK-PL095235.D	PIBLK-PL095235.D	Decachlorobiphenyl	1	20	20.9	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	23.8	119		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	15.2	76		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.7	103		30 (77)	150 (126)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1746

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

DataFile : PL095145.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits	
			Qual	RPD			Qual	Low	High	RPD	
Client Sample ID:	WC-LIQUID-20250404MS										
Q1739-02MS	gamma-BHC (Lindane)	5	0	3.10	ug/L	62				30 (60)	150 (152)
	Heptachlor	5	0	2.90	ug/L	58				30 (56)	150 (147)
	Heptachlor epoxide	5	0	3.00	ug/L	60				30 (77)	150 (143)
	Endrin	5	0	3.40	ug/L	68				30 (76)	150 (144)
	Methoxychlor	5	0	3.40	ug/L	68				30 (70)	150 (142)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1746

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

DataFile : PL095146.D

Lab Sample ID:	Parameter	Spike	Sample			Rec	Rec		RPD		Limits	
			Result	Result	Units		Qual	RPD	Qual	Low	High	RPD
Client Sample ID:	WC-LIQUID-20250404MSD											
Q1739-02MSD	gamma-BHC (Lindane)	5	0	3.10	ug/L	62		0		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	2.80	ug/L	56		4		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	2.90	ug/L	58		3		30 (77)	150 (143)	20 (20)
	Endrin	5	0	3.30	ug/L	66		3		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	3.40	ug/L	68		0		30 (70)	150 (142)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1746

Client: Portal Partners Tri-Venture

Analytical Method: **8081B** **Datafile :** PL095232.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167535BS	gamma-BHC (Lindane)	0.5	0.46	ug/L	92				40 (82)	140 (129)	
	Heptachlor	0.5	0.50	ug/L	100				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.49	ug/L	98				40 (81)	140 (124)	
	Endrin	0.5	0.52	ug/L	105				40 (81)	140 (128)	
	Methoxychlor	0.5	0.52	ug/L	104				40 (78)	140 (108)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167535BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1746

SAS No.: Q1746 SDG NO.: Q1746

Lab Sample ID: PB167535BL

Lab File ID: PL095154.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/09/2025

Date Analyzed (1): 04/09/2025

Date Analyzed (2): 04/09/2025

Time Analyzed (1): 21:29

Time Analyzed (2): 21:29

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
WC-LIQUID-20250404MS	Q1739-02MS	PL095145.D	04/09/2025	04/09/2025
WC-LIQUID-20250404MSD	Q1739-02MSD	PL095146.D	04/09/2025	04/09/2025
PB167517TB	PB167517TB	PL095157.D	04/09/2025	04/09/2025
B-149-SB01	Q1746-02	PL095160.D	04/09/2025	04/09/2025
B-149-SB02	Q1746-04	PL095161.D	04/09/2025	04/09/2025
PB167535BS	PB167535BS	PL095232.D	04/15/2025	04/15/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167535BL	SDG No.:	Q1746
Lab Sample ID:	PB167535BL	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
PL095154.D	1	04/09/25 12:50	04/09/25 21:29	PB167535

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	20.9		30 (43) - 150 (140)	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.2		30 (77) - 150 (126)	101%	SPK: 20

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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.:	Q1746
Lab Sample ID:	I.BLK-PL094566.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

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:

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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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/09/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/09/25
Client Sample ID:	PIBLK-PL095137.D	SDG No.:	Q1746
Lab Sample ID:	I.BLK-PL095137.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095137.D	1		04/09/25	pl040925

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	20.9		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		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:	04/09/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/09/25
Client Sample ID:	PIBLK-PL095147.D	SDG No.:	Q1746
Lab Sample ID:	I.BLK-PL095147.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
PL095147.D	1		04/09/25	pl040925

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	18.8		30 (43) - 150 (140)	94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		30 (77) - 150 (126)	95%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/09/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/09/25
Client Sample ID:	PIBLK-PL095162.D	SDG No.:	Q1746
Lab Sample ID:	I.BLK-PL095162.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
PL095162.D	1		04/09/25	pl040925

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	22.4		30 (43) - 150 (140)	112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		30 (77) - 150 (126)	100%	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:	04/14/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	04/14/25	
Client Sample ID:	PIBLK-PL095202.D		SDG No.:	Q1746	
Lab Sample ID:	I.BLK-PL095202.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
PL095202.D	1		04/14/25	PL041425

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	22.6		30 (43) - 150 (140)	113%	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:	04/15/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/15/25
Client Sample ID:	PIBLK-PL095224.D	SDG No.:	Q1746
Lab Sample ID:	I.BLK-PL095224.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
PL095224.D	1		04/15/25	PI041525

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	23.9		30 (43) - 150 (140)	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		30 (77) - 150 (126)	114%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/15/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/15/25
Client Sample ID:	PIBLK-PL095235.D	SDG No.:	Q1746
Lab Sample ID:	I.BLK-PL095235.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
PL095235.D	1		04/15/25	pl041525

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	20.9		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.8		30 (77) - 150 (126)	119%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167535BS	SDG No.:	Q1746
Lab Sample ID:	PB167535BS	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
PL095232.D	1	04/09/25 12:50	04/15/25 13:05	PB167535

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.46		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.50		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.49		0.0096	0.050	ug/L
72-20-8	Endrin	0.52		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.52		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	19.0		30 (43) - 150 (140)	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.6		30 (77) - 150 (126)	83%	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:	04/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/04/25
Client Sample ID:	WC-LIQUID-20250404MS	SDG No.:	Q1746
Lab Sample ID:	Q1739-02MS	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 :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL095145.D	1	04/09/25 12:50	04/09/25 18:58	PB167535

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.10		0.037	0.50	ug/L
76-44-8	Heptachlor	2.90		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	3.00		0.096	0.50	ug/L
72-20-8	Endrin	3.40		0.032	0.50	ug/L
72-43-5	Methoxychlor	3.40		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	17.4		30 (43) - 150 (140)	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.0		30 (77) - 150 (126)	70%	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:	04/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/04/25
Client Sample ID:	WC-LIQUID-20250404MSD	SDG No.:	Q1746
Lab Sample ID:	Q1739-02MSD	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
PL095146.D	1	04/09/25 12:50	04/09/25 19:12	PB167535

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	3.10		0.037	0.50	ug/L
76-44-8	Heptachlor	2.80		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	2.90		0.096	0.50	ug/L
72-20-8	Endrin	3.30		0.032	0.50	ug/L
72-43-5	Methoxychlor	3.40		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	16.4		30 (43) - 150 (140)	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.7		30 (77) - 150 (126)	69%	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

RETENTION TIMES OF INITIAL CALIBRATION

Contract:	PORT06				
Lab Code:	CHEM	Case No.:	Q1746	SAS No.:	Q1746
Instrument ID:	ECD_L	Calibration Date(s):	03/11/2025	SDG NO.:	Q1746
		Calibration Times:	10:35		11:29

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

LAB FILE ID: RT 100 = PL094569.D RT 075 = PL094570.D
RT 050 = PL094571.D RT 025 = PL094572.D RT 005 = PL094573.D

[illegible]



Contract:	<u>PORT06</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1746</u>	SAS No.:	<u>Q1746</u>	SDG NO.:	<u>Q1746</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):		<u>03/11/2025</u>	<u>03/11/2025</u>		
		Calibration Times:		<u>10:35</u>	<u>11:29</u>		

LAB FILE ID:	RT 100 =	<u>PL094569.D</u>	RT 075 =	<u>PL094570.D</u>
RT 050 =	PL094571.D	RT 025 =	PL094572.D	RT 005 =
				PL094573.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

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.:** Q1746 **SAS No.:** Q1746 **SDG NO.:** Q1746
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.:** Q1746 **SAS No.:** Q1746 **SDG NO.:** Q1746

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.:** Q1746 **SAS No.:** Q1746 **SDG NO.:** Q1746

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Instrument ID: ECD_L Calibration Date(s): 04/14/2025 04/14/2025

Calibration Times: 15:07 16:15

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

LAB FILE ID: RT 100 = PL095205.D RT 075 = PL095206.D

RT 050 = PL095207.D RT 025 = PL095208.D RT 005 = PL095209.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
Decachlorobiphenyl	9.05	9.05	9.05	9.05	9.05	9.05	8.95	9.15
Endrin	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.32	4.32	4.32	4.32	4.32	4.32	4.22	4.42
Heptachlor	4.91	4.91	4.91	4.91	4.91	4.91	4.81	5.01
Heptachlor epoxide	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Methoxychlor	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Tetrachloro-m-xylene	3.54	3.54	3.54	3.53	3.54	3.53	3.43	3.63



Contract:	<u>PORT06</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1746</u>	SAS No.:	<u>Q1746</u>	SDG NO.:	<u>Q1746</u>
Instrument ID:	<u>ECD_L</u>	Calibration Date(s):		<u>04/14/2025</u>	<u>04/14/2025</u>		
		Calibration Times:		<u>15:07</u>	<u>16:15</u>		

LAB FILE ID:	RT 100 =	<u>PL095205.D</u>	RT 075 =	<u>PL095206.D</u>
RT 050 =	PL095207.D	RT 025 =	PL095208.D	RT 005 =
				PL095209.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Instrument ID: ECD_L

Calibration Date(s): 04/14/2025 04/14/2025

Calibration Times: 15:07 16:15

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

LAB FILE ID:		CF 100 =	<u>PL095205.D</u>	CF 075 =	<u>PL095206.D</u>		
CF 050 =		<u>PL095207.D</u>	CF 025 =	<u>PL095208.D</u>	CF 005 =	<u>PL095209.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2152650000	2143060000	2315860000	2506920000	2920000000	2407700000	13
Endrin	2427110000	2378350000	2522880000	2698310000	3004020000	2606130000	10
gamma-BHC (Lindane)	3655690000	3593350000	3721550000	3933060000	4324270000	3845590000	8
Heptachlor	3396740000	3361020000	3535970000	3806720000	4231640000	3666420000	10
Heptachlor epoxide	2983280000	2943510000	3103640000	3358770000	3664680000	3210780000	9
Methoxychlor	1227700000	1216120000	1306040000	1403800000	1543530000	1339440000	10
Tetrachloro-m-xylene	2536040000	2534180000	2646610000	2847530000	3152050000	2743280000	10

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Instrument ID: ECD_L

Calibration Date(s): 04/14/2025 04/14/2025

Calibration Times: 15:07 16:15

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

LAB FILE ID:		CF 100 =	<u>PL095205.D</u>	CF 075 =	<u>PL095206.D</u>		
CF 050 =		<u>PL095207.D</u>	CF 025 =	<u>PL095208.D</u>	CF 005 =	<u>PL095209.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	4198950000	4104180000	4298770000	4455630000	4937900000	4399090000	7
Endrin	4170920000	4046000000	4174880000	4210140000	4285130000	4177410000	2
gamma-BHC (Lindane)	5366590000	5201940000	5275500000	5291420000	5180170000	5263120000	1
Heptachlor	5200960000	5062970000	5185650000	5266650000	5281100000	5199470000	2
Heptachlor epoxide	4497860000	4388170000	4526840000	4636840000	4793660000	4568670000	3
Methoxychlor	2188160000	2143820000	2244500000	2307260000	2344730000	2245690000	4
Tetrachloro-m-xylene	3639270000	3571250000	3666060000	3785580000	3943930000	3721220000	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1746 **SAS No.:** Q1746 **SDG NO.:** Q1746

Instrument ID: ECD_L **Date(s) Analyzed:** 04/14/2025 04/14/2025

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	127558000
		2	5.23	5.13	5.33	130182000
		3	5.94	5.84	6.04	468201000
		4	6.02	5.92	6.12	550131000
		5	6.87	6.77	6.97	107924000
Toxaphene	500	1	6.23	6.13	6.33	27376000
		2	6.44	6.34	6.54	14916800
		3	7.06	6.96	7.16	82942000
		4	7.15	7.05	7.25	64931700
		5	7.93	7.83	8.03	46223600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1746 **SAS No.:** Q1746 **SDG NO.:** Q1746

Instrument ID: ECD_L **Date(s) Analyzed:** 04/14/2025 04/14/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.76	3.66	3.86	147703000
		2	4.34	4.24	4.44	170474000
		3	4.97	4.87	5.07	498602000
		4	5.03	4.93	5.13	495465000
		5	5.93	5.83	6.03	183560000
Toxaphene	500	1	4.99	4.89	5.09	27499800
		2	5.32	5.22	5.42	25414900
		3	5.68	5.58	5.78	27465800
		4	6.59	6.49	6.69	96741800
		5	7.03	6.93	7.13	106909000

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/09/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 16:49 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	3.53	3.54	3.44	3.64	0.01
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	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/09/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 16:49 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.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

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

Client Sample No.: CCAL01 Date Analyzed: 04/09/2025

Lab Sample No.: PSTDCCC050 Data File : PL095138.D Time Analyzed: 16:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.048	8.956	9.156	48.170	50.000	-3.7
Endrin	6.567	6.474	6.674	42.670	50.000	-14.7
gamma-BHC (Lindane)	4.323	4.227	4.427	45.190	50.000	-9.6
Heptachlor	4.910	4.815	5.015	42.960	50.000	-14.1
Heptachlor epoxide	5.678	5.583	5.783	44.200	50.000	-11.6
Methoxychlor	7.495	7.400	7.600	48.130	50.000	-3.7
Tetrachloro-m-xylene	3.534	3.438	3.638	46.390	50.000	-7.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

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

Client Sample No.: CCAL01 Date Analyzed: 04/09/2025

Lab Sample No.: PSTDCCC050 Data File : PL095138.D Time Analyzed: 16:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.899	7.807	8.007	40.930	50.000	-18.1
Endrin	5.626	5.534	5.734	46.910	50.000	-6.2
gamma-BHC (Lindane)	3.599	3.504	3.704	50.840	50.000	1.7
Heptachlor	3.936	3.842	4.042	47.670	50.000	-4.7
Heptachlor epoxide	4.717	4.625	4.825	47.170	50.000	-5.7
Methoxychlor	6.599	6.507	6.707	44.680	50.000	-10.6
Tetrachloro-m-xylene	2.768	2.672	2.872	51.110	50.000	2.2

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/09/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

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

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	9.05	9.06	8.96	9.16	0.01
Tetrachloro-m-xylene	3.53	3.54	3.44	3.64	0.01
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	7.49	7.50	7.40	7.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/09/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 20:20 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	0.01
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.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

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

Client Sample No.: CCAL02 Date Analyzed: 04/09/2025

Lab Sample No.: PSTDCCC050 Data File : PL095149.D Time Analyzed: 20:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.047	8.956	9.156	50.060	50.000	0.1
Endrin	6.567	6.474	6.674	40.440	50.000	-19.1
gamma-BHC (Lindane)	4.322	4.227	4.427	47.980	50.000	-4.0
Heptachlor	4.909	4.815	5.015	44.270	50.000	-11.5
Heptachlor epoxide	5.677	5.583	5.783	46.130	50.000	-7.7
Methoxychlor	7.492	7.400	7.600	46.330	50.000	-7.3
Tetrachloro-m-xylene	3.534	3.438	3.638	49.030	50.000	-1.9

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

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

Client Sample No.: CCAL02 Date Analyzed: 04/09/2025

Lab Sample No.: PSTDCCC050 Data File : PL095149.D Time Analyzed: 20:20

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.898	7.807	8.007	48.140	50.000	-3.7
Endrin	5.626	5.534	5.734	45.520	50.000	-9.0
gamma-BHC (Lindane)	3.598	3.504	3.704	53.340	50.000	6.7
Heptachlor	3.935	3.842	4.042	49.330	50.000	-1.3
Heptachlor epoxide	4.717	4.625	4.825	50.590	50.000	1.2
Methoxychlor	6.599	6.507	6.707	45.780	50.000	-8.4
Tetrachloro-m-xylene	2.767	2.672	2.872	53.560	50.000	7.1

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/09/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 23:33 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	3.53	3.54	3.44	3.64	0.01
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	7.49	7.50	7.40	7.60	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/09/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 23:33 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	0.01
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.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

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

Client Sample No.: CCAL03 Date Analyzed: 04/09/2025

Lab Sample No.: PSTDCCC050 Data File : PL095163.D Time Analyzed: 23:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.045	8.956	9.156	50.730	50.000	1.5
Endrin	6.567	6.474	6.674	41.680	50.000	-16.6
gamma-BHC (Lindane)	4.322	4.227	4.427	46.400	50.000	-7.2
Heptachlor	4.909	4.815	5.015	43.480	50.000	-13.0
Heptachlor epoxide	5.678	5.583	5.783	46.450	50.000	-7.1
Methoxychlor	7.494	7.400	7.600	47.060	50.000	-5.9
Tetrachloro-m-xylene	3.534	3.438	3.638	46.840	50.000	-6.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

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

Client Sample No.: CCAL03 Date Analyzed: 04/09/2025

Lab Sample No.: PSTDCCC050 Data File : PL095163.D Time Analyzed: 23:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.897	7.807	8.007	50.810	50.000	1.6
Endrin	5.625	5.534	5.734	46.200	50.000	-7.6
gamma-BHC (Lindane)	3.599	3.504	3.704	50.930	50.000	1.9
Heptachlor	3.935	3.842	4.042	47.430	50.000	-5.1
Heptachlor epoxide	4.717	4.625	4.825	48.940	50.000	-2.1
Methoxychlor	6.598	6.507	6.707	47.380	50.000	-5.2
Tetrachloro-m-xylene	2.768	2.672	2.872	51.170	50.000	2.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/15/2025 Initial Calibration Date(s): 04/14/2025 04/14/2025

Continuing Calib Time: 11:21 Initial Calibration Time(s): 15:07 16:15

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.92	4.91	4.81	5.01	0.00
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.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/15/2025 Initial Calibration Date(s): 04/14/2025 04/14/2025

Continuing Calib Time: 11:21 Initial Calibration Time(s): 15:07 16:15

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.90	7.90	7.80	8.00	0.00
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	4.72	4.62	4.82	0.00
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.60	6.60	6.50	6.70	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/14/2025 04/14/2025

Client Sample No.: CCAL04 Date Analyzed: 04/15/2025

Lab Sample No.: PSTDCCC050 Data File : PL095226.D Time Analyzed: 11:21

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.058	8.953	9.153	48.620	50.000	-2.8
Endrin	6.573	6.471	6.671	55.430	50.000	10.9
gamma-BHC (Lindane)	4.327	4.223	4.423	51.610	50.000	3.2
Heptachlor	4.915	4.811	5.011	51.810	50.000	3.6
Heptachlor epoxide	5.684	5.580	5.780	50.300	50.000	0.6
Methoxychlor	7.503	7.398	7.598	50.000	50.000	0.0
Tetrachloro-m-xylene	3.539	3.435	3.635	50.650	50.000	1.3

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/14/2025 04/14/2025

Client Sample No.: CCAL04 Date Analyzed: 04/15/2025

Lab Sample No.: PSTDCCC050 Data File : PL095226.D Time Analyzed: 11:21

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.901	7.800	8.000	48.840	50.000	-2.3
Endrin	5.629	5.527	5.727	50.820	50.000	1.6
gamma-BHC (Lindane)	3.599	3.499	3.699	46.180	50.000	-7.6
Heptachlor	3.937	3.836	4.036	50.060	50.000	0.1
Heptachlor epoxide	4.719	4.618	4.818	49.610	50.000	-0.8
Methoxychlor	6.601	6.499	6.699	50.970	50.000	1.9
Tetrachloro-m-xylene	2.768	2.667	2.867	47.180	50.000	-5.6

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/15/2025 Initial Calibration Date(s): 04/14/2025 04/14/2025

Continuing Calib Time: 15:08 Initial Calibration Time(s): 15:07 16:15

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.32	4.22	4.42	-0.01
Heptachlor	4.92	4.91	4.81	5.01	-0.01
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.51	7.50	7.40	7.60	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

Continuing Calib Date: 04/15/2025 Initial Calibration Date(s): 04/14/2025 04/14/2025

Continuing Calib Time: 15:08 Initial Calibration Time(s): 15:07 16:15

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.91	7.90	7.80	8.00	-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	4.72	4.62	4.82	0.00
Endrin	5.63	5.63	5.53	5.73	0.00
Methoxychlor	6.61	6.60	6.50	6.70	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/14/2025 04/14/2025

Client Sample No.: CCAL05 Date Analyzed: 04/15/2025

Lab Sample No.: PSTDCCC050 Data File : PL095236.D Time Analyzed: 15:08

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.063	8.953	9.153	51.570	50.000	3.1
Endrin	6.579	6.471	6.671	55.680	50.000	11.4
gamma-BHC (Lindane)	4.331	4.223	4.423	51.130	50.000	2.3
Heptachlor	4.919	4.811	5.011	52.890	50.000	5.8
Heptachlor epoxide	5.688	5.580	5.780	51.510	50.000	3.0
Methoxychlor	7.507	7.398	7.598	49.330	50.000	-1.3
Tetrachloro-m-xylene	3.543	3.435	3.635	55.220	50.000	10.4

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1746 SAS No.: Q1746 SDG NO.: Q1746

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/14/2025 04/14/2025

Client Sample No.: CCAL05 Date Analyzed: 04/15/2025

Lab Sample No.: PSTDCCC050 Data File : PL095236.D Time Analyzed: 15:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.906	7.800	8.000	43.400	50.000	-13.2
Endrin	5.631	5.527	5.727	53.150	50.000	6.3
gamma-BHC (Lindane)	3.602	3.499	3.699	49.310	50.000	-1.4
Heptachlor	3.940	3.836	4.036	52.310	50.000	4.6
Heptachlor epoxide	4.722	4.618	4.818	51.290	50.000	2.6
Methoxychlor	6.605	6.499	6.699	50.080	50.000	0.2
Tetrachloro-m-xylene	2.770	2.667	2.867	52.570	50.000	5.1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

Lab Code: **CHEM** Case No.: **Q1746** SAS No.: **Q1746** SDG NO.: **Q1746**

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.: **Q1746** SAS No.: **Q1746** SDG NO.: **Q1746**

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

Client Sample No. (PEM): **PEM - PL095128.D** Date Analyzed: **04/09/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **08:43**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.049	8.950	9.150	26.150	20.000	30.8
Tetrachloro-m-xylene	3.536	3.490	3.590	23.490	20.000	17.5
alpha-BHC	3.992	3.940	4.040	12.010	10.000	20.1
beta-BHC	4.523	4.470	4.570	12.040	10.000	20.4
gamma-BHC (Lindane)	4.324	4.270	4.370	12.060	10.000	20.6
Endrin	6.569	6.500	6.640	50.710	50.000	1.4
4,4'-DDT	7.020	6.950	7.090	112.470	100.000	12.5
Methoxychlor	7.497	7.430	7.570	271.750	250.000	8.7

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

Client Sample No. (PEM): **PEM - PL095128.D** Date Analyzed: **04/09/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **08:43**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.900	7.800	8.000	24.640	20.000	23.2
Tetrachloro-m-xylene	2.770	2.720	2.820	24.610	20.000	23.1
alpha-BHC	3.271	3.220	3.320	11.740	10.000	17.4
beta-BHC	3.901	3.850	3.950	13.350	10.000	33.5
gamma-BHC (Lindane)	3.600	3.550	3.650	11.860	10.000	18.6
Endrin	5.627	5.560	5.700	56.090	50.000	12.2
4,4'-DDT	6.026	5.960	6.100	122.140	100.000	22.1
Methoxychlor	6.599	6.530	6.670	276.490	250.000	10.6

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

Lab Code: **CHEM** Case No.: **Q1746** SAS No.: **Q1746** SDG NO.: **Q1746**

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

Client Sample No. (PEM): **PEM - PL095148.D** Date Analyzed: **04/09/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **19:39**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.047	8.950	9.150	22.310	20.000	11.6
Tetrachloro-m-xylene	3.534	3.480	3.580	21.230	20.000	6.2
alpha-BHC	3.990	3.940	4.040	10.890	10.000	8.9
beta-BHC	4.522	4.470	4.570	10.930	10.000	9.3
gamma-BHC (Lindane)	4.322	4.270	4.370	10.920	10.000	9.2
Endrin	6.568	6.500	6.640	41.960	50.000	-16.1
4,4'-DDT	7.019	6.950	7.090	86.460	100.000	-13.5
Methoxychlor	7.496	7.430	7.570	221.620	250.000	-11.4

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

Client Sample No. (PEM): **PEM - PL095148.D** Date Analyzed: **04/09/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **19:39**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.898	7.800	8.000	19.250	20.000	-3.8
Tetrachloro-m-xylene	2.768	2.720	2.820	23.240	20.000	16.2
alpha-BHC	3.269	3.220	3.320	10.910	10.000	9.1
beta-BHC	3.899	3.850	3.950	12.120	10.000	21.2
gamma-BHC (Lindane)	3.598	3.550	3.650	10.830	10.000	8.3
Endrin	5.626	5.560	5.700	46.980	50.000	-6.0
4,4'-DDT	6.024	5.950	6.090	94.370	100.000	-5.6
Methoxychlor	6.599	6.530	6.670	221.180	250.000	-11.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

Lab Code: **CHEM** Case No.: **Q1746** SAS No.: **Q1746** SDG NO.: **Q1746**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **04/14/2025** **04/14/2025**

Client Sample No. (PEM): **PEM - PL095203.D** Date Analyzed: **04/14/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **14:40**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.050	8.950	9.150	22.620	20.000	13.1
Tetrachloro-m-xylene	3.534	3.480	3.580	21.850	20.000	9.3
alpha-BHC	3.990	3.940	4.040	11.380	10.000	13.8
beta-BHC	4.523	4.470	4.570	12.790	10.000	27.9
gamma-BHC (Lindane)	4.323	4.270	4.370	11.530	10.000	15.3
Endrin	6.570	6.500	6.640	50.330	50.000	0.7
4,4'-DDT	7.021	6.950	7.090	101.530	100.000	1.5
Methoxychlor	7.498	7.430	7.570	238.190	250.000	-4.7

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **04/14/2025** **04/14/2025**

Client Sample No. (PEM): **PEM - PL095203.D** Date Analyzed: **04/14/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **14:40**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.899	7.800	8.000	21.790	20.000	9.0
Tetrachloro-m-xylene	2.767	2.720	2.820	21.170	20.000	5.9
alpha-BHC	3.269	3.220	3.320	10.330	10.000	3.3
beta-BHC	3.899	3.850	3.950	11.180	10.000	11.8
gamma-BHC (Lindane)	3.598	3.550	3.650	10.190	10.000	1.9
Endrin	5.626	5.560	5.700	51.510	50.000	3.0
4,4'-DDT	6.024	5.950	6.090	109.830	100.000	9.8
Methoxychlor	6.598	6.530	6.670	252.390	250.000	1.0

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: **PORT06**

Lab Code: **CHEM** Case No.: **Q1746** SAS No.: **Q1746** SDG NO.: **Q1746**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **04/14/2025** **04/14/2025**

Client Sample No. (PEM): **PEM - PL095225.D** Date Analyzed: **04/15/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **10:51**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.053	8.950	9.150	23.300	20.000	16.5
Tetrachloro-m-xylene	3.536	3.490	3.590	23.590	20.000	18.0
alpha-BHC	3.992	3.940	4.040	12.460	10.000	24.6
beta-BHC	4.524	4.470	4.570	12.250	10.000	22.5
gamma-BHC (Lindane)	4.325	4.270	4.380	12.570	10.000	25.7
Endrin	6.570	6.500	6.640	58.070	50.000	16.1
4,4'-DDT	7.022	6.950	7.090	113.210	100.000	13.2
Methoxychlor	7.499	7.430	7.570	255.200	250.000	2.1

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **04/14/2025** **04/14/2025**

Client Sample No. (PEM): **PEM - PL095225.D** Date Analyzed: **04/15/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **10:51**

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.900	7.800	8.000	22.650	20.000	13.3
Tetrachloro-m-xylene	2.768	2.720	2.820	21.230	20.000	6.2
alpha-BHC	3.270	3.220	3.320	10.280	10.000	2.8
beta-BHC	3.900	3.850	3.950	10.920	10.000	9.2
gamma-BHC (Lindane)	3.600	3.550	3.650	9.700	10.000	-3.0
Endrin	5.628	5.560	5.700	53.160	50.000	6.3
4,4'-DDT	6.025	5.950	6.100	117.880	100.000	17.9
Methoxychlor	6.599	6.530	6.670	266.840	250.000	6.7

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1746
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
PSTDICC100	PSTDICC100	03/11/2025	10:35	PL094569.D	9.05	3.54
PSTDICC075	PSTDICC075	03/11/2025	10:49	PL094570.D	9.06	3.54
PSTDICC050	PSTDICC050	03/11/2025	11:02	PL094571.D	9.06	3.54
PSTDICC025	PSTDICC025	03/11/2025	11:16	PL094572.D	9.06	3.54
PSTDICC005	PSTDICC005	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	04/09/2025	08:43	PL095128.D	9.05	3.54
IBLK	IBLK	04/09/2025	16:36	PL095137.D	9.05	3.53
PSTDCCC050	PSTDCCC050	04/09/2025	16:49	PL095138.D	9.05	3.53
WC-LIQUID-20250404MS	Q1739-02MS	04/09/2025	18:58	PL095145.D	9.05	3.53
WC-LIQUID-20250404MSD	Q1739-02MSD	04/09/2025	19:12	PL095146.D	9.05	3.53
IBLK	IBLK	04/09/2025	19:26	PL095147.D	9.05	3.53
PEM	PEM	04/09/2025	19:39	PL095148.D	9.05	3.53
PSTDCCC050	PSTDCCC050	04/09/2025	20:20	PL095149.D	9.05	3.53
PB167535BL	PB167535BL	04/09/2025	21:29	PL095154.D	9.05	3.53
PB167517TB	PB167517TB	04/09/2025	22:10	PL095157.D	9.05	3.53
B-149-SB01	Q1746-02	04/09/2025	22:51	PL095160.D	9.05	3.53
B-149-SB02	Q1746-04	04/09/2025	23:05	PL095161.D	9.05	3.53
IBLK	IBLK	04/09/2025	23:19	PL095162.D	9.05	3.53
PSTDCCC050	PSTDCCC050	04/09/2025	23:33	PL095163.D	9.05	3.53
IBLK	IBLK	04/14/2025	14:26	PL095202.D	9.05	3.53
PEM	PEM	04/14/2025	14:40	PL095203.D	9.05	3.53
RESCHK	RESCHK	04/14/2025	14:54	PL095204.D	9.05	3.53
PSTDICC100	PSTDICC100	04/14/2025	15:07	PL095205.D	9.05	3.54
PSTDICC075	PSTDICC075	04/14/2025	15:21	PL095206.D	9.05	3.54
PSTDICC050	PSTDICC050	04/14/2025	15:35	PL095207.D	9.05	3.54
PSTDICC025	PSTDICC025	04/14/2025	16:02	PL095208.D	9.05	3.53
PSTDICC005	PSTDICC005	04/14/2025	16:15	PL095209.D	9.05	3.54
PCHLORICC500	PCHLORICC500	04/14/2025	16:56	PL095212.D	9.05	3.54
PTOXICC500	PTOXICC500	04/14/2025	18:05	PL095217.D	9.05	3.54
IBLK	IBLK	04/15/2025	10:37	PL095224.D	9.05	3.54
PEM	PEM	04/15/2025	10:51	PL095225.D	9.05	3.54
PSTDCCC050	PSTDCCC050	04/15/2025	11:21	PL095226.D	9.06	3.54
PB167535BS	PB167535BS	04/15/2025	13:05	PL095232.D	9.07	3.54
IBLK	IBLK	04/15/2025	13:57	PL095235.D	9.06	3.54
PSTDCCC050	PSTDCCC050	04/15/2025	15:08	PL095236.D	9.06	3.54

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1746
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
PSTDICC100	PSTDICC100	03/11/2025	10:35	PL094569.D	7.91	2.77
PSTDICC075	PSTDICC075	03/11/2025	10:49	PL094570.D	7.91	2.77
PSTDICC050	PSTDICC050	03/11/2025	11:02	PL094571.D	7.91	2.77
PSTDICC025	PSTDICC025	03/11/2025	11:16	PL094572.D	7.91	2.77
PSTDICC005	PSTDICC005	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	04/09/2025	08:43	PL095128.D	7.90	2.77
IBLK	IBLK	04/09/2025	16:36	PL095137.D	7.90	2.77
PSTDCCC050	PSTDCCC050	04/09/2025	16:49	PL095138.D	7.90	2.77
WC-LIQUID-20250404MS	Q1739-02MS	04/09/2025	18:58	PL095145.D	7.90	2.77
WC-LIQUID-20250404MSD	Q1739-02MSD	04/09/2025	19:12	PL095146.D	7.90	2.77
IBLK	IBLK	04/09/2025	19:26	PL095147.D	7.90	2.77
PEM	PEM	04/09/2025	19:39	PL095148.D	7.90	2.77
PSTDCCC050	PSTDCCC050	04/09/2025	20:20	PL095149.D	7.90	2.77
PB167535BL	PB167535BL	04/09/2025	21:29	PL095154.D	7.90	2.77
PB167517TB	PB167517TB	04/09/2025	22:10	PL095157.D	7.90	2.77
B-149-SB01	Q1746-02	04/09/2025	22:51	PL095160.D	7.90	2.77
B-149-SB02	Q1746-04	04/09/2025	23:05	PL095161.D	7.92	2.79
IBLK	IBLK	04/09/2025	23:19	PL095162.D	7.90	2.77
PSTDCCC050	PSTDCCC050	04/09/2025	23:33	PL095163.D	7.90	2.77
IBLK	IBLK	04/14/2025	14:26	PL095202.D	7.90	2.77
PEM	PEM	04/14/2025	14:40	PL095203.D	7.90	2.77
RESCHK	RESCHK	04/14/2025	14:54	PL095204.D	7.90	2.77
PSTDICC100	PSTDICC100	04/14/2025	15:07	PL095205.D	7.90	2.77
PSTDICC075	PSTDICC075	04/14/2025	15:21	PL095206.D	7.90	2.77
PSTDICC050	PSTDICC050	04/14/2025	15:35	PL095207.D	7.90	2.77
PSTDICC025	PSTDICC025	04/14/2025	16:02	PL095208.D	7.90	2.77
PSTDICC005	PSTDICC005	04/14/2025	16:15	PL095209.D	7.90	2.77
PCHLORICC500	PCHLORICC500	04/14/2025	16:56	PL095212.D	7.90	2.77
PTOXICC500	PTOXICC500	04/14/2025	18:05	PL095217.D	7.90	2.77
IBLK	IBLK	04/15/2025	10:37	PL095224.D	7.90	2.77
PEM	PEM	04/15/2025	10:51	PL095225.D	7.90	2.77
PSTDCCC050	PSTDCCC050	04/15/2025	11:21	PL095226.D	7.90	2.77
PB167535BS	PB167535BS	04/15/2025	13:05	PL095232.D	7.91	2.77
IBLK	IBLK	04/15/2025	13:57	PL095235.D	7.90	2.77
PSTDCCC050	PSTDCCC050	04/15/2025	15:08	PL095236.D	7.91	2.77

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167535BS

Contract: PORT06

Lab Code: CHEM

Case No.: Q1746

SAS No.: Q1746

SDG NO.: Q1746

Lab Sample ID: PB167535BS

Date(s) Analyzed: 04/15/2025

04/15/2025

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	7.51	7.46	7.56	0.52	6.7
	2	6.60	6.55	6.65	0.48	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.46	0.9
	2	3.60	3.55	3.65	0.46	
Heptachlor	1	4.92	4.87	4.97	0.50	4.6
	2	3.94	3.89	3.99	0.48	
Heptachlor epoxide	1	5.69	5.64	5.74	0.49	0.6
	2	4.72	4.67	4.77	0.49	
Endrin	1	6.58	6.53	6.63	0.51	2.4
	2	5.63	5.58	5.68	0.52	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-LIQUID-20250404MS

Contract: PORT06

Lab Code: CHEM Case No.: Q1746

SAS No.: Q1746 SDG NO.: Q1746

Lab Sample ID: Q1739-02MS

Date(s) Analyzed: 04/09/2025 04/09/2025

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	3.40	12.5
	2	6.60	6.55	6.65	3.00	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	2.90	6.7
	2	3.60	3.55	3.65	3.10	
Heptachlor	1	4.91	4.86	4.96	2.80	3.5
	2	3.94	3.89	3.99	2.90	
Heptachlor epoxide	1	5.68	5.63	5.73	3.00	3.4
	2	4.72	4.67	4.77	2.90	
Endrin	1	6.57	6.52	6.62	3.40	19.4
	2	5.63	5.58	5.68	2.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-LIQUID-20250404MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q1746

SAS No.: Q1746 SDG NO.: Q1746

Lab Sample ID: Q1739-02MSD

Date(s) Analyzed: 04/09/2025 04/09/2025

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	3.40	6.1
	2	6.60	6.55	6.65	3.20	
gamma-BHC (Lindane)	1	4.32	4.27	4.37	2.90	6.7
	2	3.60	3.55	3.65	3.10	
Heptachlor	1	4.91	4.86	4.96	2.80	3.6
	2	3.94	3.89	3.99	2.70	
Heptachlor epoxide	1	5.68	5.63	5.73	2.90	3.5
	2	4.72	4.67	4.77	2.80	
Endrin	1	6.57	6.52	6.62	3.30	20
	2	5.63	5.58	5.68	2.70	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 22:10
 Operator : AR\AJ
 Sample : PB167517TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167517TB

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:27:24 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...	3.534	2.768	52050953	69105365	18.388	19.361
28) SA Decachlor...	9.045	7.897	43763771	79532178	20.766	19.689

Target Compounds

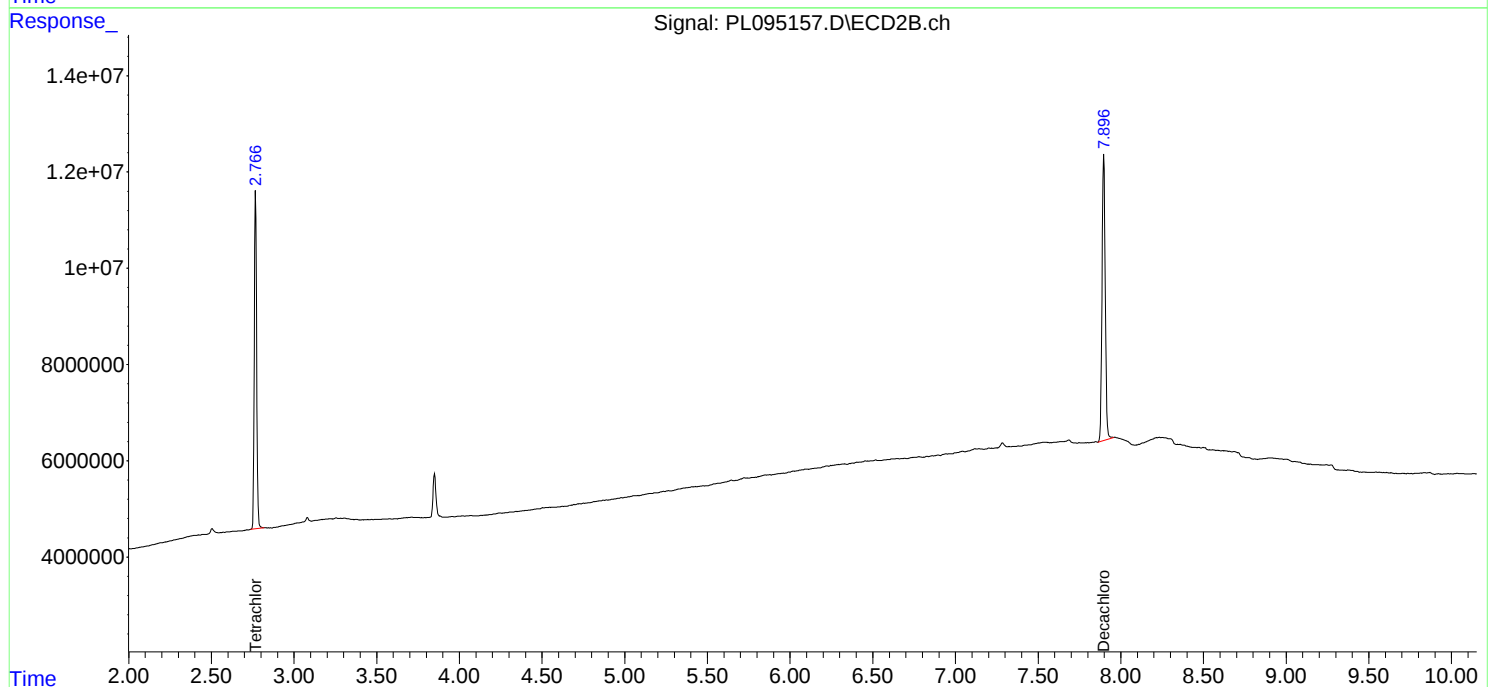
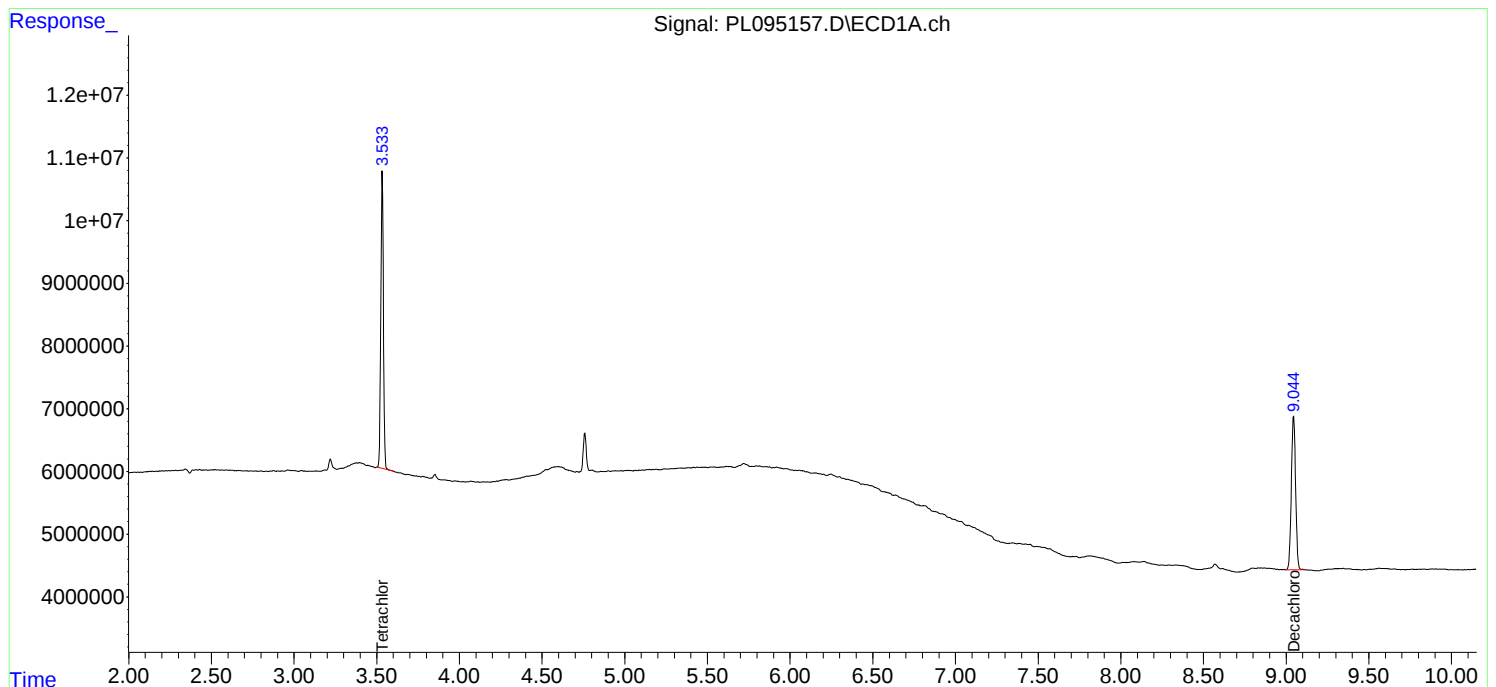
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

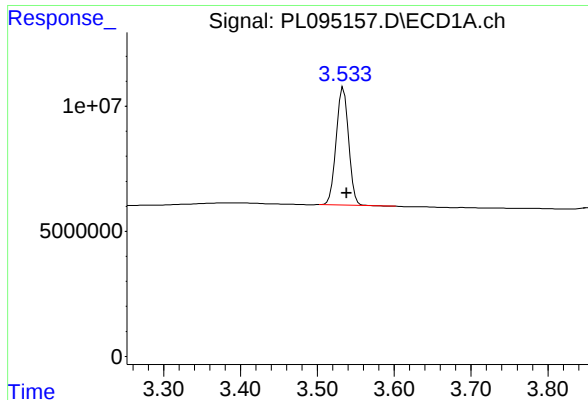
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 22:10
Operator : AR\AJ
Sample : PB167517TB
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB167517TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:27:24 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

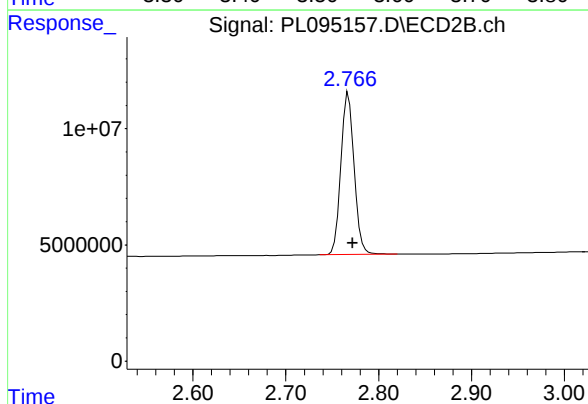




#1 Tetrachloro-m-xylene

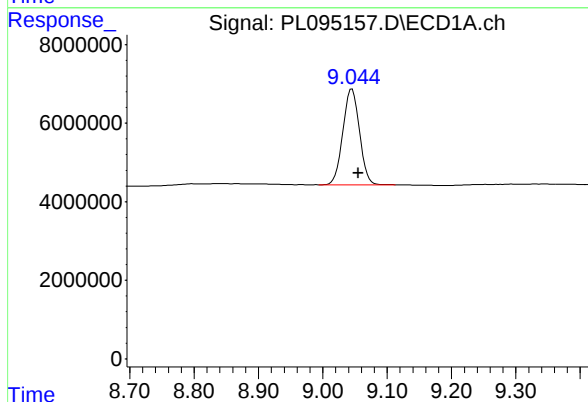
R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 52050953
Conc: 18.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167517TB



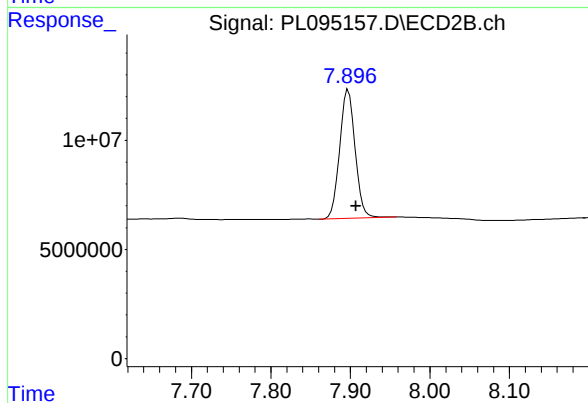
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 69105365
Conc: 19.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.045 min
Delta R.T.: -0.010 min
Response: 43763771
Conc: 20.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.009 min
Response: 79532178
Conc: 19.69 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 22:51
 Operator : AR\AJ
 Sample : Q1746-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 B-149-SB01

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:27:42 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...	3.533	2.768	49582347	69239865	17.516m	19.399
28) SA Decachlor...	9.046	7.897	49512487	88136641	23.494	21.819

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095160.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 22:51
Operator : AR\AJ
Sample : Q1746-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

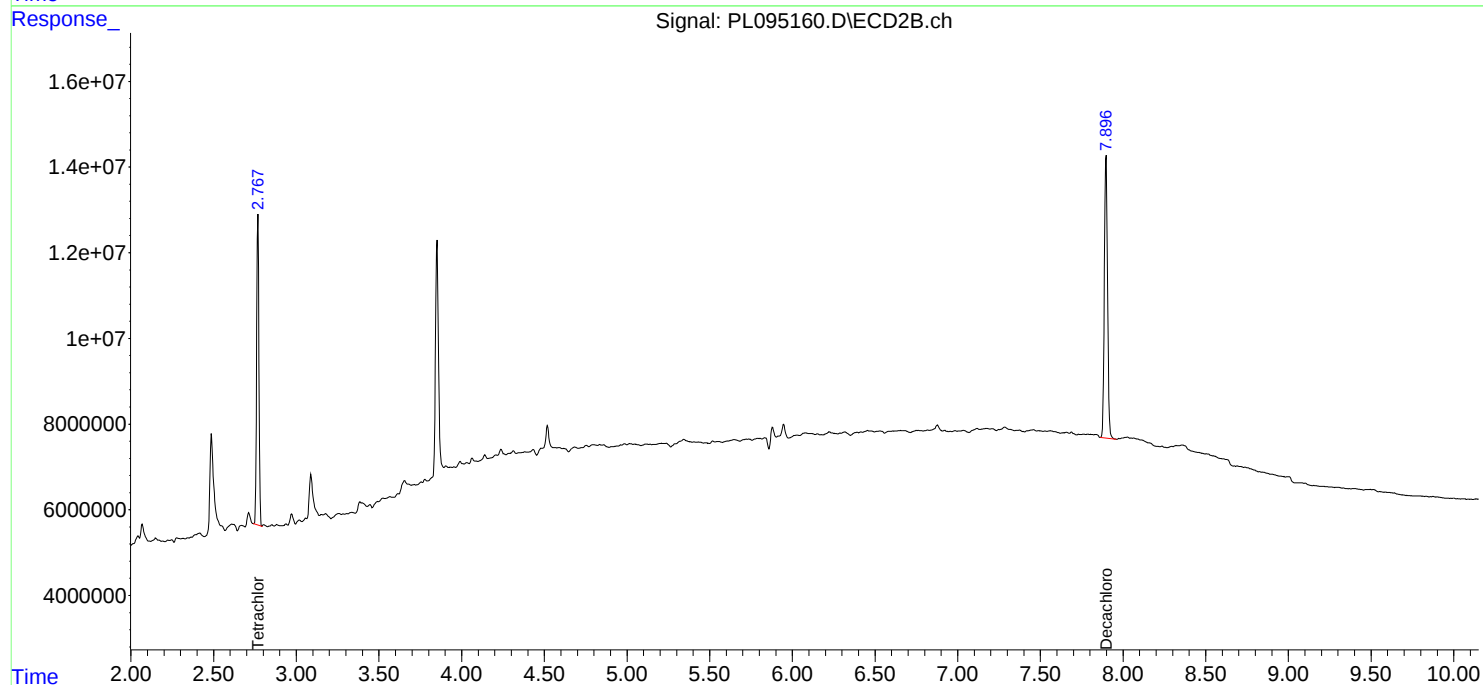
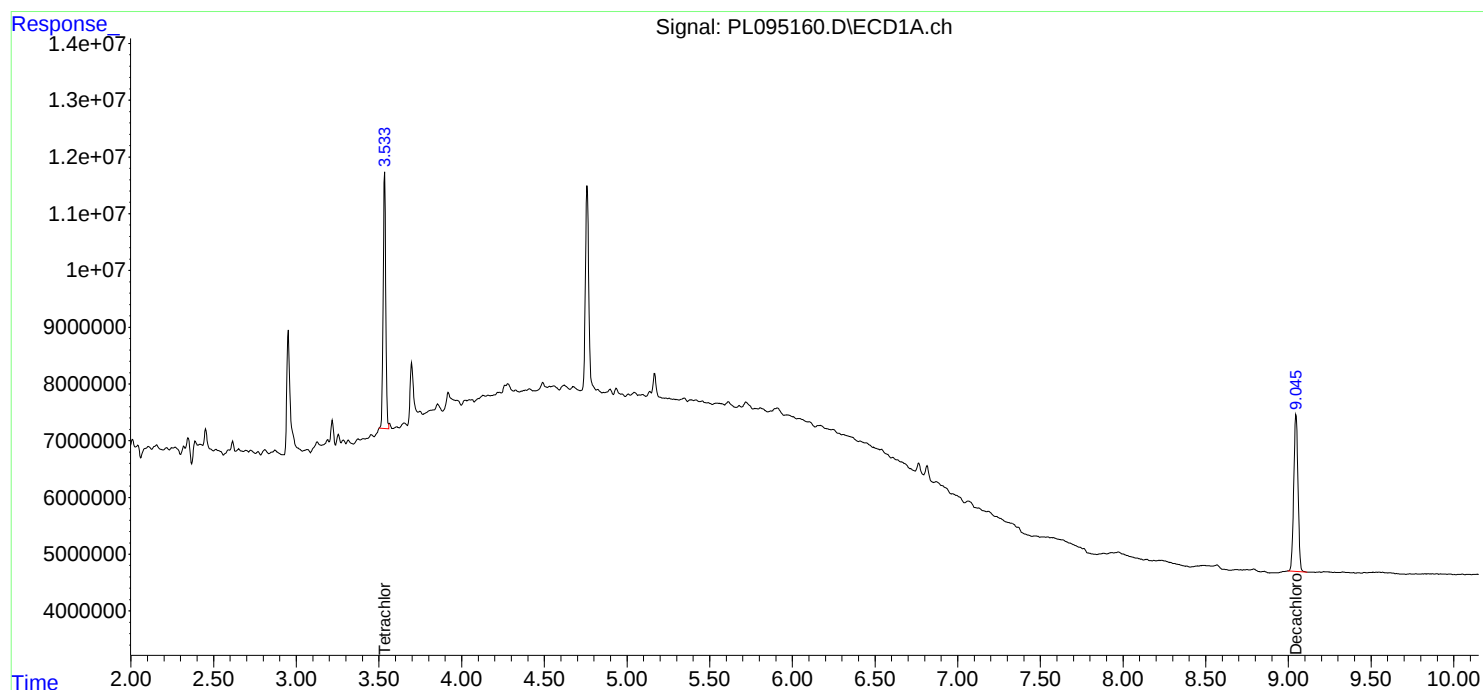
Instrument :
ECD_L
ClientSampleId :
B-149-SB01

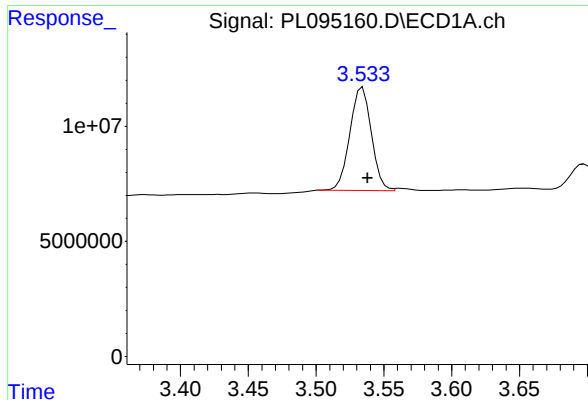
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/10/2025
Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:27:42 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





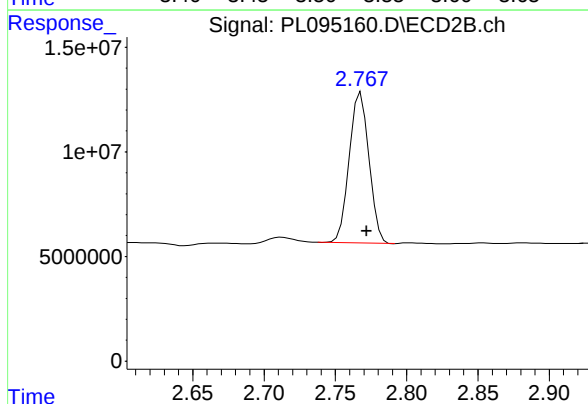
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.005 min
Response: 49582347
Conc: 17.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-149-SB01

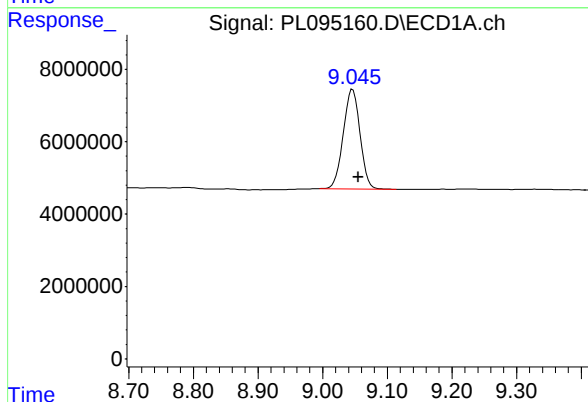
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



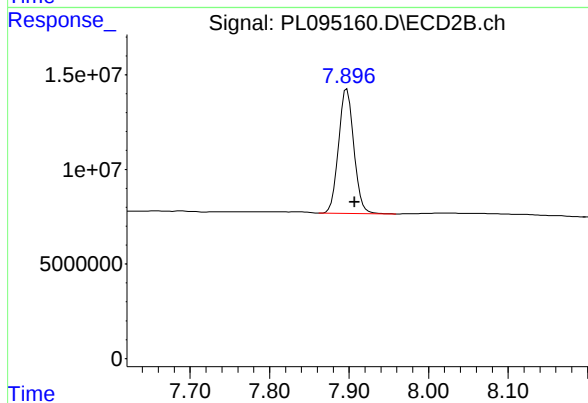
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 69239865
Conc: 19.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.009 min
Response: 49512487
Conc: 23.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.009 min
Response: 88136641
Conc: 21.82 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 23:05
 Operator : AR\AJ
 Sample : Q1746-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 B-149-SB02

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:27:48 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...	3.533	2.787	49244616	69759800	17.397m	19.545m
28) SA Decachlor...	9.046	7.918	49163019	90461468	23.328	22.395

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 23:05
Operator : AR\AJ
Sample : Q1746-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

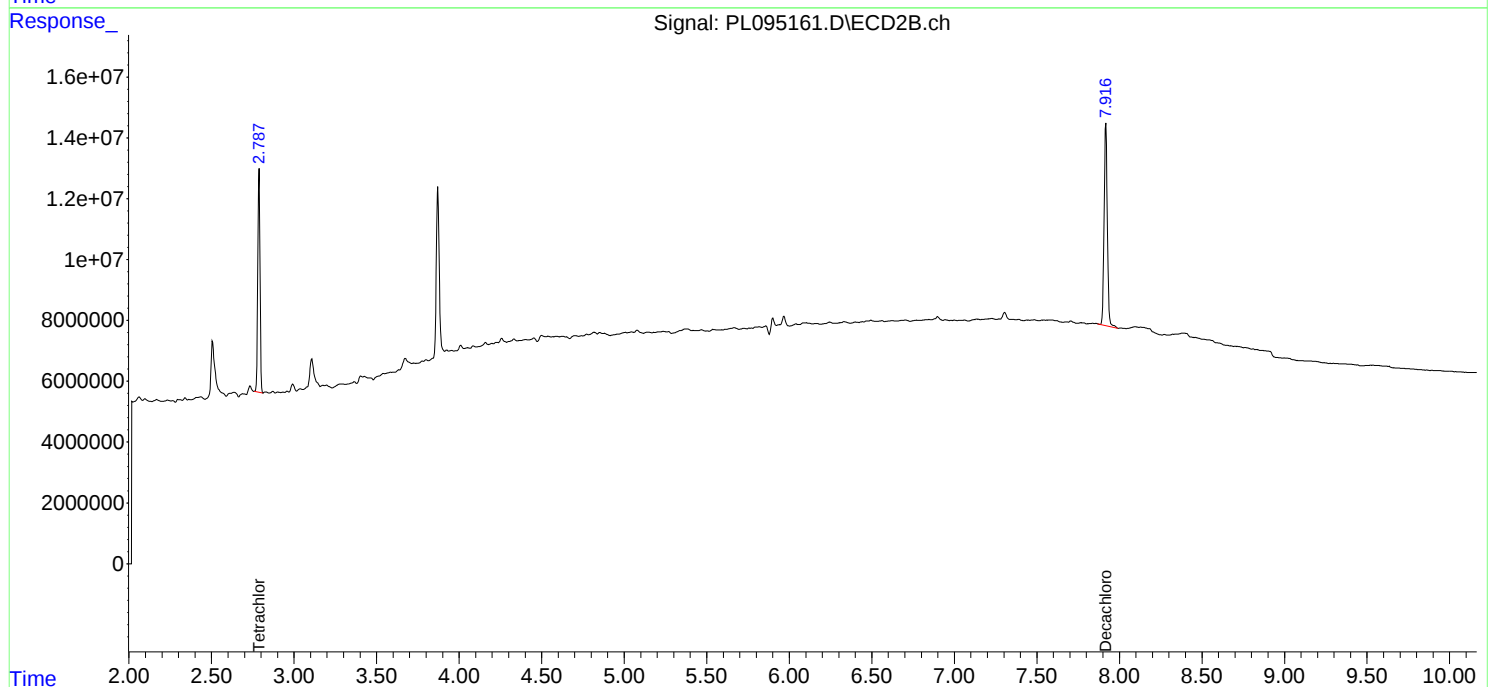
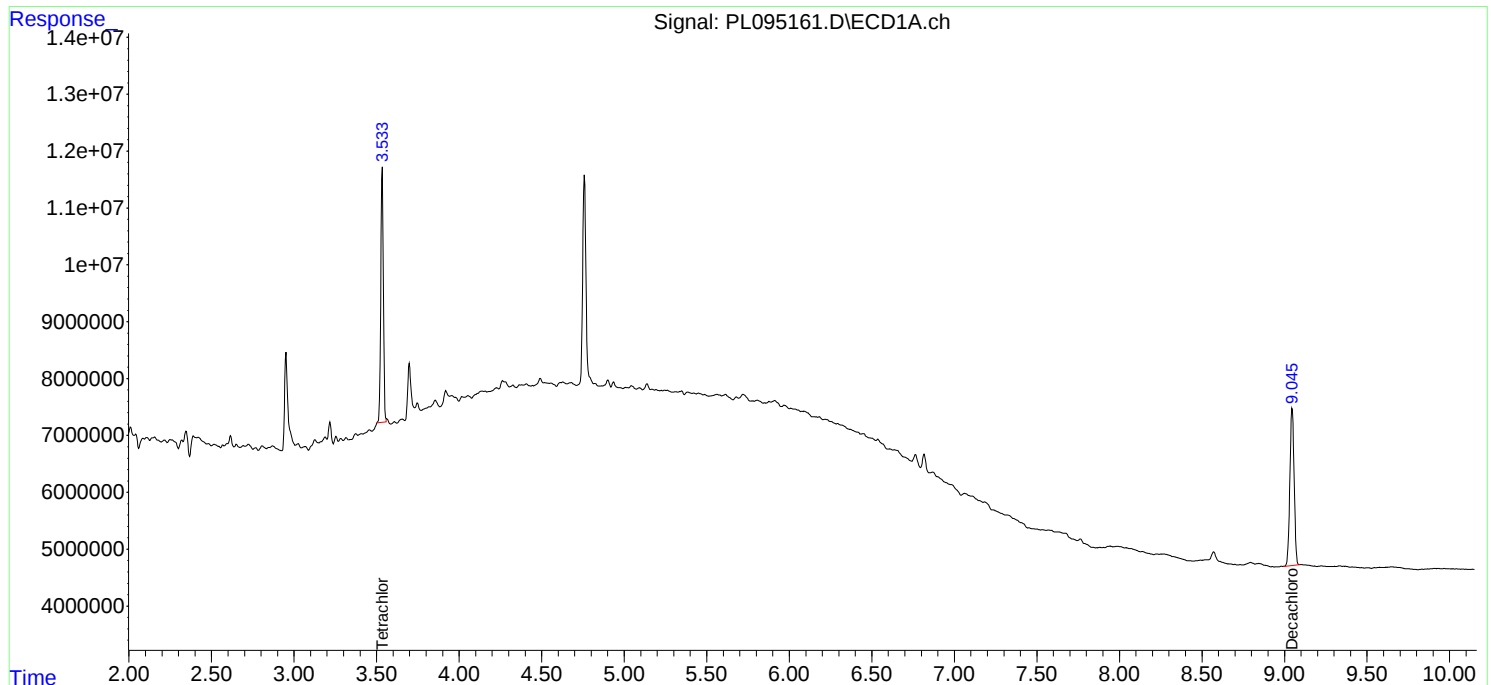
Instrument :
ECD_L
ClientSampleId :
B-149-SB02

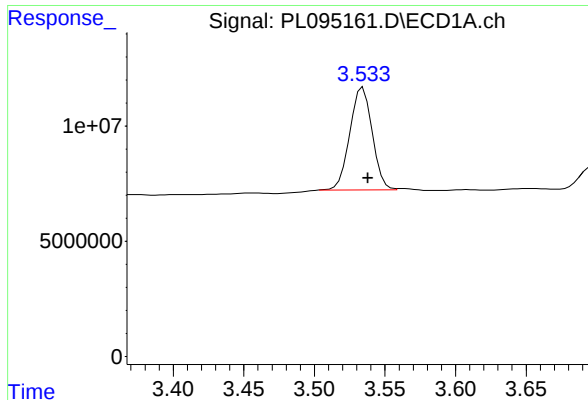
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/10/2025
Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:27:48 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





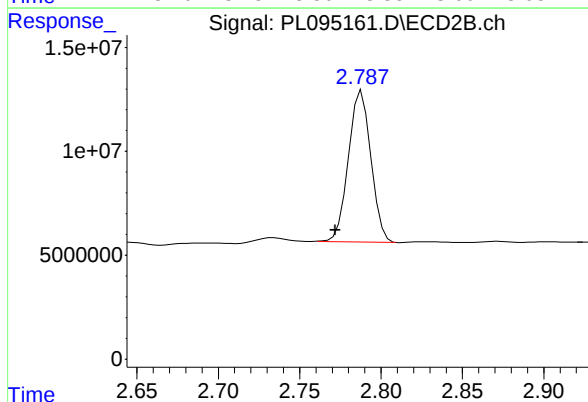
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: -0.005 min
Response: 49244616
Conc: 17.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-149-SB02

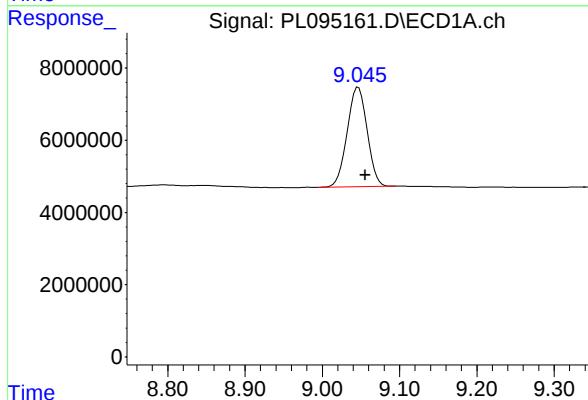
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



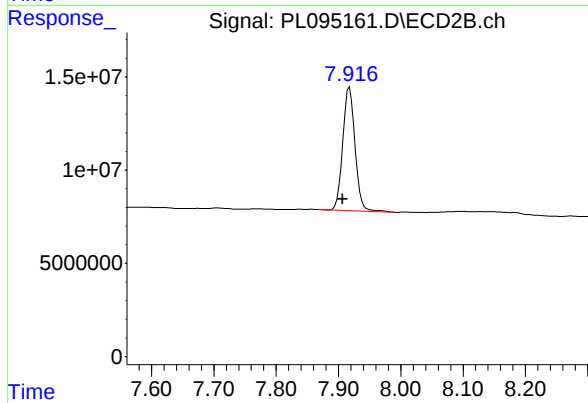
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.015 min
Response: 69759800
Conc: 19.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.009 min
Response: 49163019
Conc: 23.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.011 min
Response: 90461468
Conc: 22.40 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 21:29
 Operator : AR\AJ
 Sample : PB167535BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167535BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:27:01 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...	3.534	2.768	54637747	72230684	19.302	20.237
28) SA Decachlor...	9.047	7.897	43956546	78769476	20.858	19.500

Target Compounds

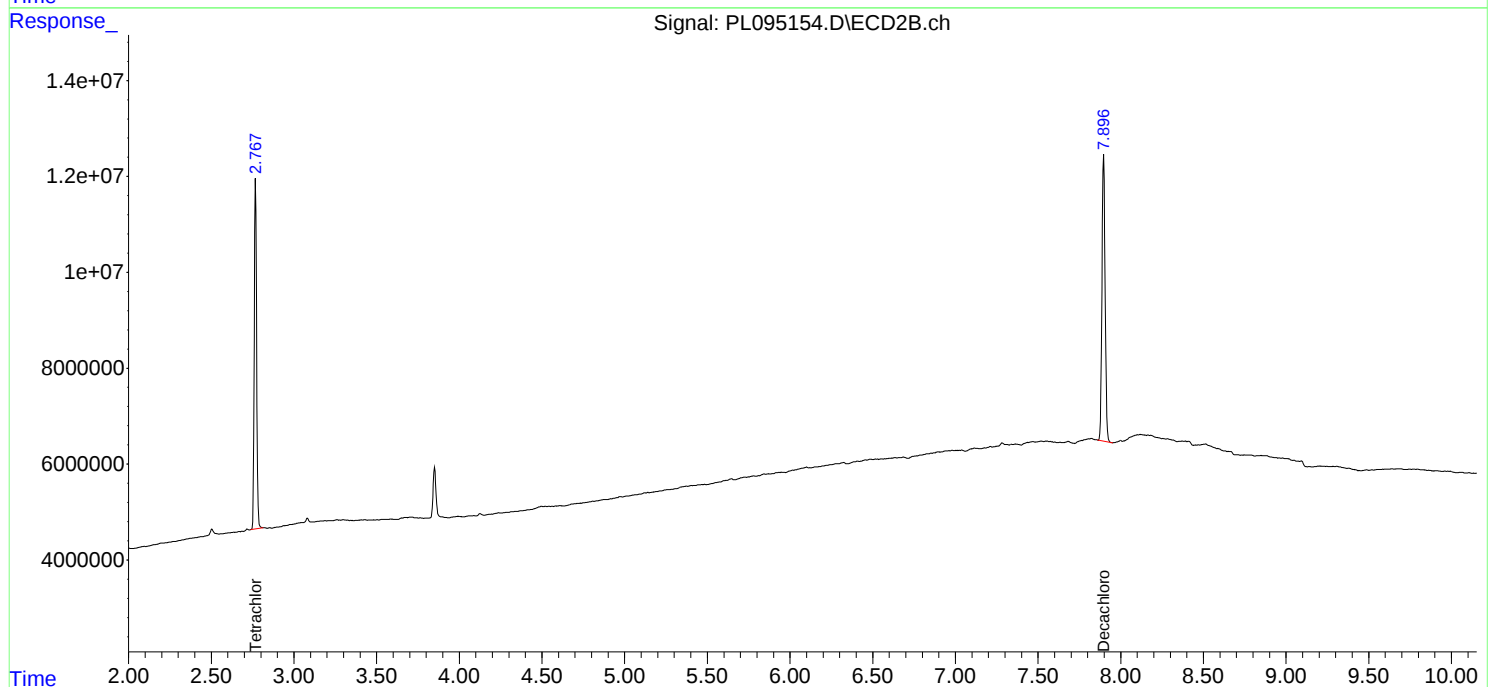
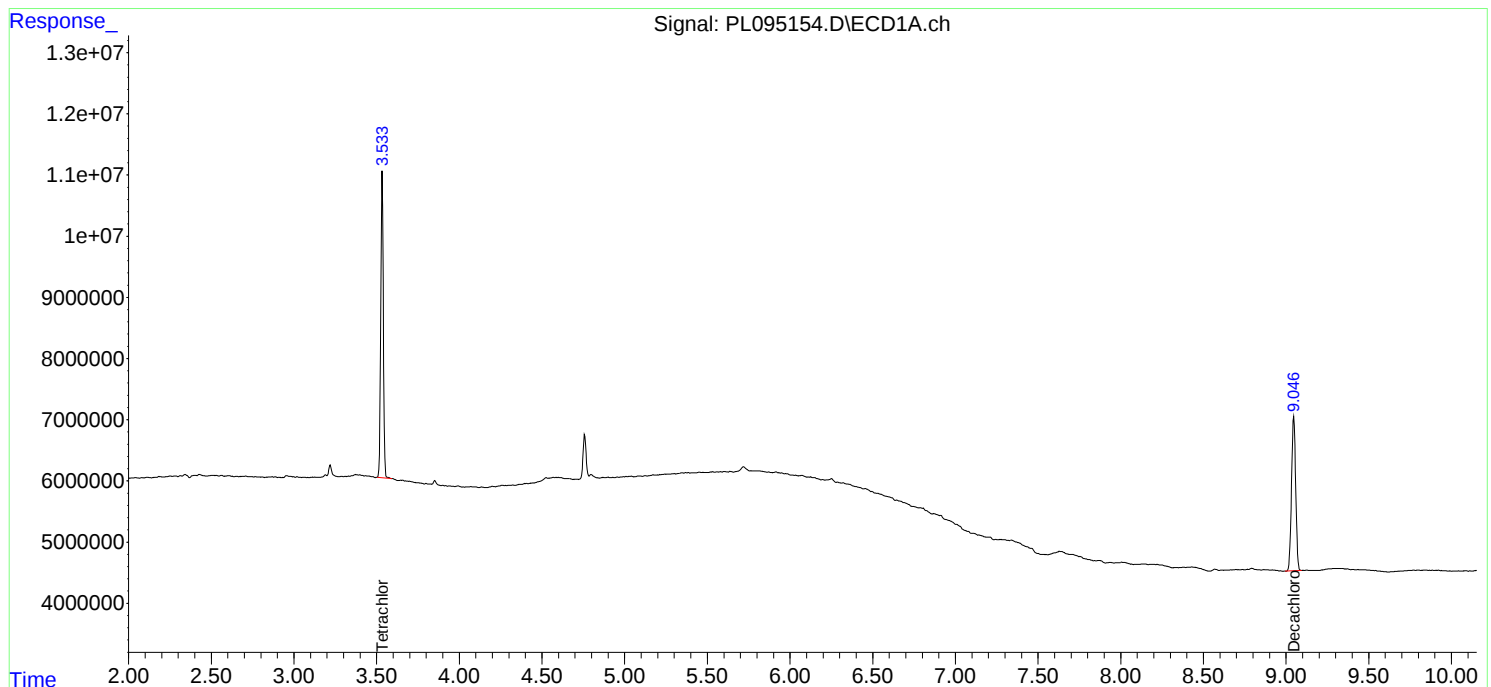
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

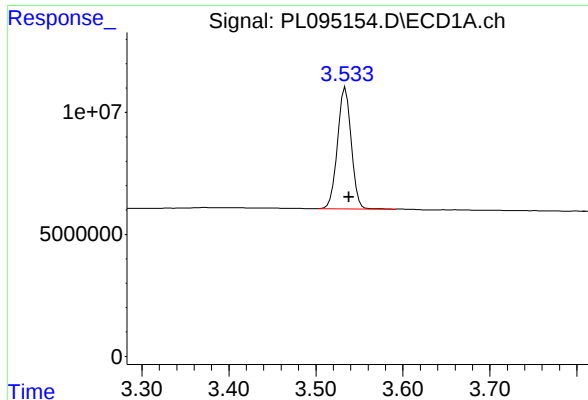
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 21:29
Operator : AR\AJ
Sample : PB167535BL
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB167535BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:27:01 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

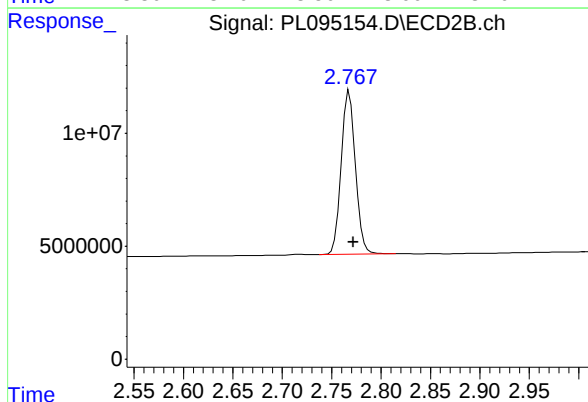




#1 Tetrachloro-m-xylene

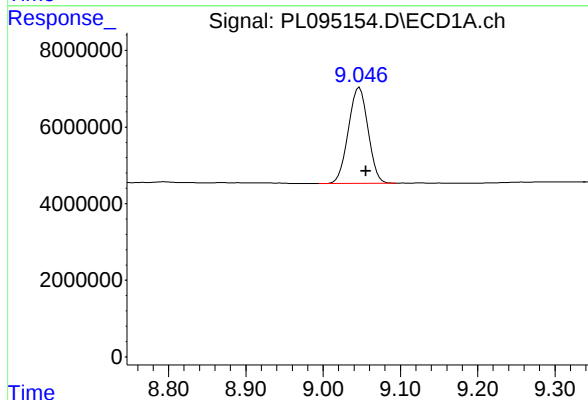
R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 54637747
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BL



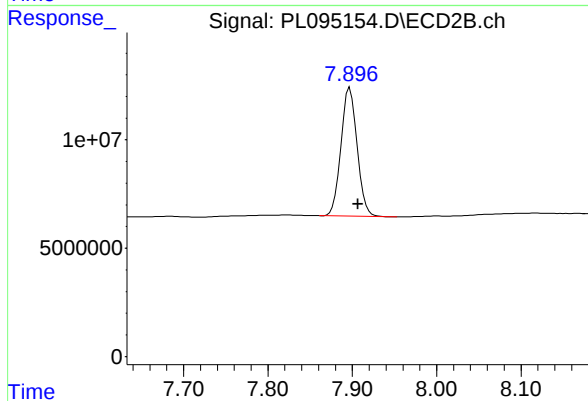
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 72230684
Conc: 20.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 43956546
Conc: 20.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 78769476
Conc: 19.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095232.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 13:05
 Operator : AR\AJ
 Sample : PB167535BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167535BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/16/2025
 Supervised By : mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 14:13:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.544	2.768	45459137	56956063	16.571	15.306
28)	SA Decachlor...	9.066	7.905	45753604	67955188	19.003	15.448
Target Compounds							
2)	A alpha-BHC	4.000	3.270	184.3E6	249.3E6	45.860	45.020
3)	MA gamma-BHC...	4.334	3.601	176.7E6	239.8E6	45.956	45.570
4)	MA Heptachlor	4.922	3.938	182.6E6	247.4E6	49.800	47.578
5)	MB Aldrin	5.263	4.218	175.4E6	224.6E6	49.689	46.086
6)	B beta-BHC	4.533	3.901	79305563	103.1E6	45.233	44.477
7)	B delta-BHC	4.778	4.130	191.5E6	221.0E6	48.858m	42.754
8)	B Heptachlo...	5.690	4.720	157.1E6	222.2E6	48.924	48.638
9)	A Endosulfan I	6.076	5.090	156.0E6	219.2E6	50.356	50.499
10)	B gamma-Chl...	5.946	4.971	167.7E6	235.6E6	50.200	48.906
11)	B alpha-Chl...	6.025	5.034	166.0E6	232.8E6	50.011	49.108
12)	B 4,4'-DDE	6.200	5.223	160.4E6	233.5E6	49.067	48.506
13)	MA Dieldrin	6.351	5.355	166.0E6	236.6E6	50.388	49.300
14)	MA Endrin	6.581	5.631	133.0E6	218.3E6	51.047	52.266
15)	B Endosulfa...	6.802	5.926	142.4E6	213.0E6	49.941	48.515
16)	A 4,4'-DDD	6.718	5.779	124.6E6	187.9E6	49.061	48.315
17)	MA 4,4'-DDT	7.032	6.028	135.0E6	210.0E6	53.017	50.415
18)	B Endrin al...	6.932	6.105	110.0E6	162.5E6	49.969	48.211
19)	B Endosulfa...	7.168	6.329	128.6E6	207.9E6	50.048	49.788
20)	A Methoxychlor	7.509	6.604	69469908	108.9E6	51.865	48.486
21)	B Endrin ke...	7.653	6.834	140.1E6	236.5E6	48.547	46.901
22)	Mirex	8.125	7.013	104.9E6	171.5E6	49.330	43.617

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
Data File : PL095232.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 13:05
Operator : AR\AJ
Sample : PB167535BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167535BS

Manual Integrations

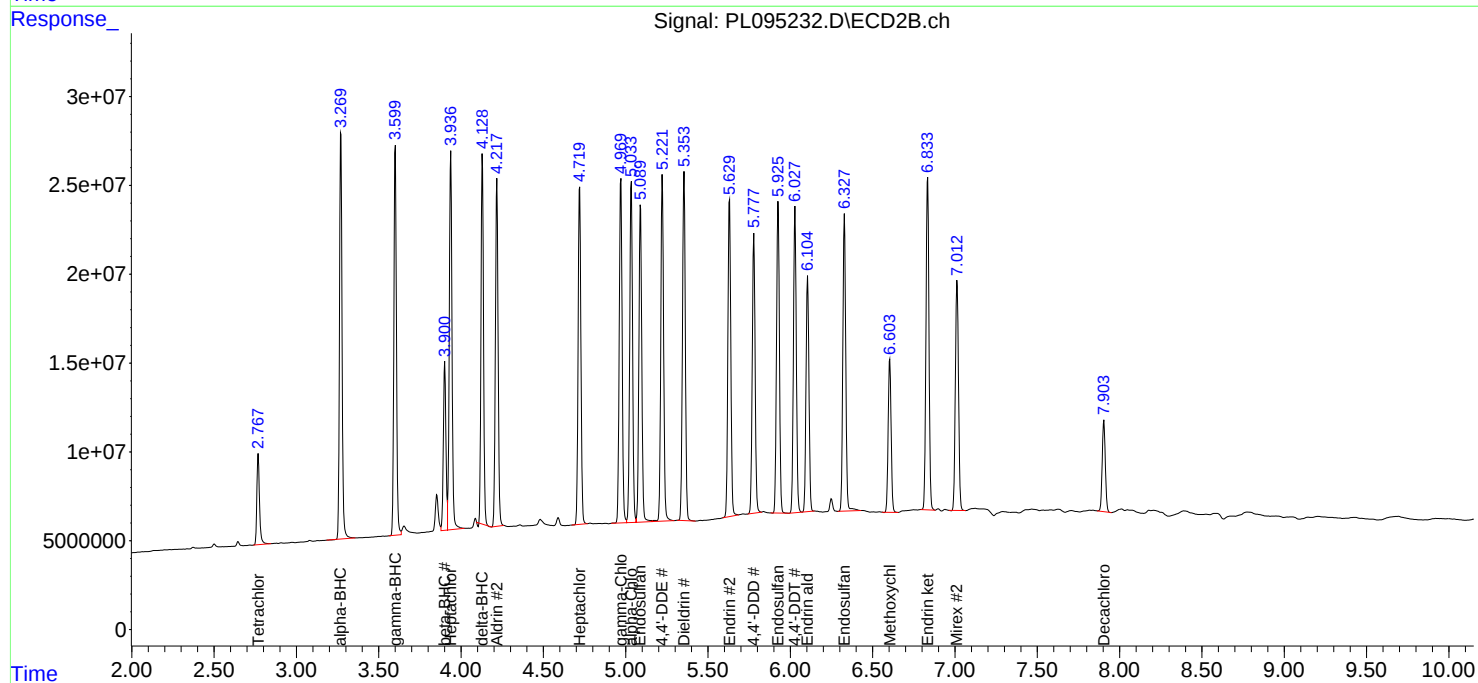
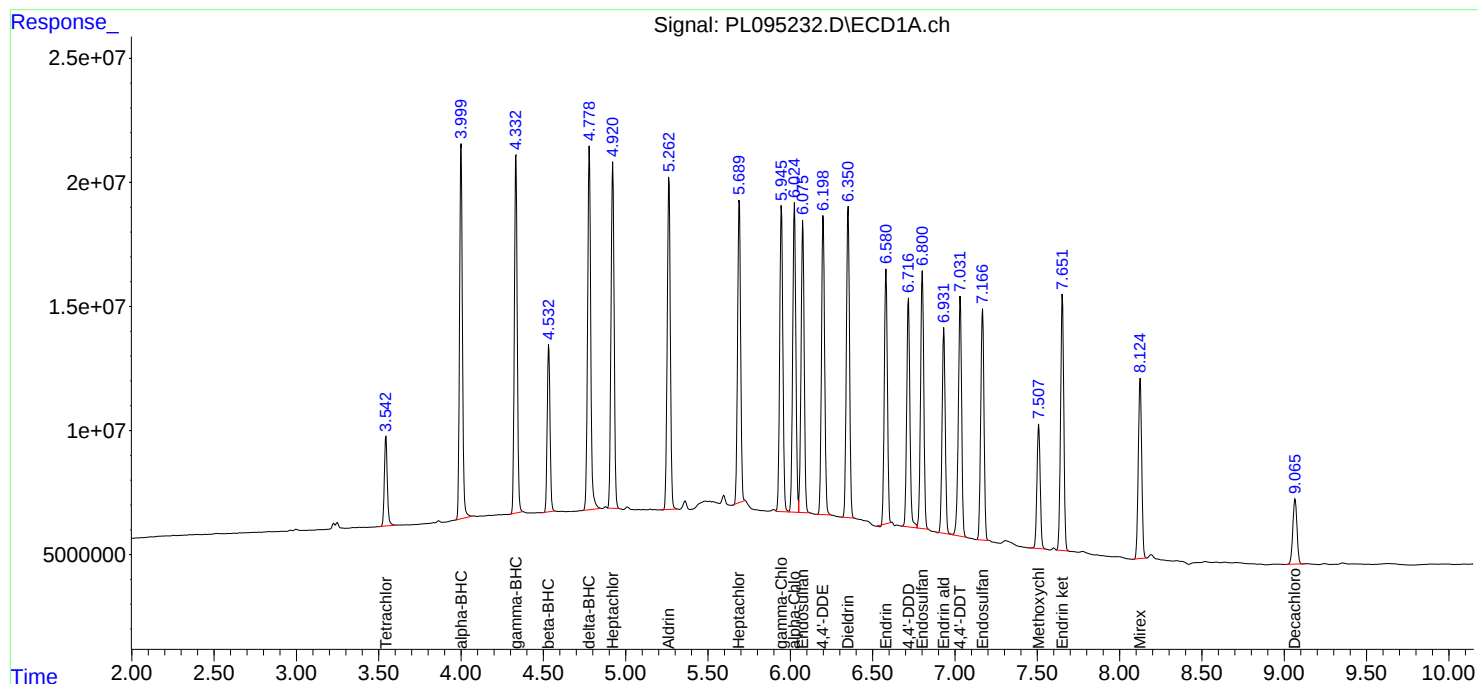
APPROVED

Reviewed By :Abdul Mirza 04/16/2025

Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 14:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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\PL040925\
 Data File : PL095145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 18:58
 Operator : AR\AJ
 Sample : Q1739-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-LIQUID-20250404MS

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:25:22 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...	3.534	2.767	35271484	49889239	12.460m	13.977m
28) SA Decachlor...	9.047	7.899	36593191	51673290	17.364m	12.792 #
Target Compounds						
2) A alpha-BHC	3.991	3.270	129.0E6	190.1E6	31.058	35.258
3) MA gamma-BHC...	4.323	3.600	115.4E6	157.4E6	28.910	30.618
4) MA Heptachlor	4.910	3.936	108.6E6	151.9E6	27.983	28.822m
5) MB Aldrin	5.250	4.216	90495317	141.3E6	24.510m	28.967
6) B beta-BHC	4.521	3.900	51440315	72440343	27.878m	32.612
7) B delta-BHC	4.768	4.128	168.5E6	135.9E6	43.275	27.169 #
8) B Heptachlo...	5.677	4.719	99815318	131.5E6	29.838m	28.718
9) A Endosulfan I	6.065	5.086	79917296	140.8E6	26.030	32.080m
10) B gamma-Chl...	5.935	4.966	95166907	143.6E6	28.245	29.751m
11) B alpha-Chl...	6.013	5.032	85221921	133.2E6	25.850	27.911
12) B 4,4'-DDE	6.187	5.220	90836186	129.2E6	30.875	27.791
13) MA Dieldrin	6.340	5.350	85205921	168.6E6	26.642	34.752m#
14) MA Endrin	6.569	5.627	92897199	121.1E6	33.512	27.751
15) B Endosulfa...	6.790	5.920	77189040	121.0E6	28.433	27.966m
16) A 4,4'-DDD	6.704	5.773	72140671	100.7E6	33.305m	28.006m
17) MA 4,4'-DDT	7.018	6.023	81604006	126.5E6	34.308m	31.361m
18) B Endrin al...	6.920	6.100	55633651	87237958	26.354	25.922m
19) B Endosulfa...	7.153	6.324	71485710	127.5E6	29.394m	31.292
20) A Methoxychlor	7.496	6.598	40558512	64309612	33.881	30.319m
21) B Endrin ke...	7.638	6.829	96133198	140.1E6	36.369m	29.345
22) Mirex	8.111	7.009	70200258	108.8E6	33.974	28.677

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 18:58
Operator : AR\AJ
Sample : Q1739-02MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

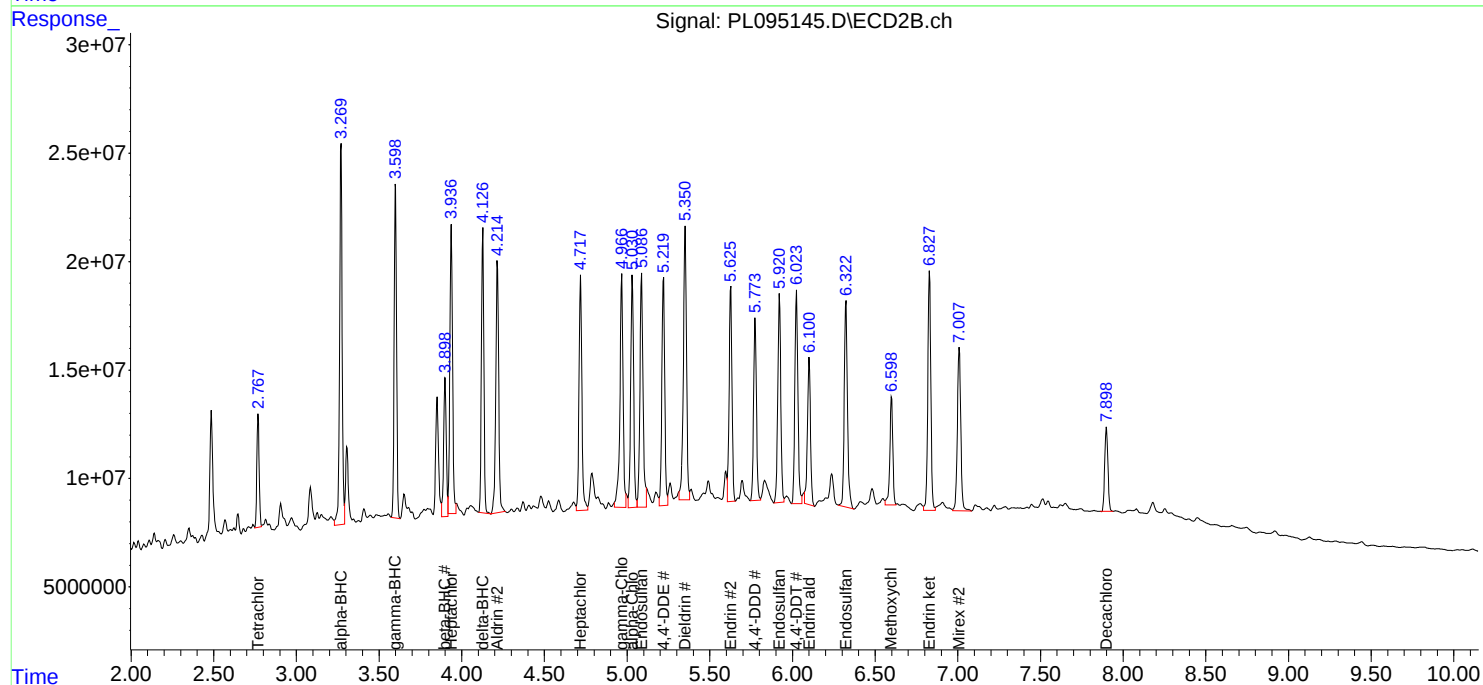
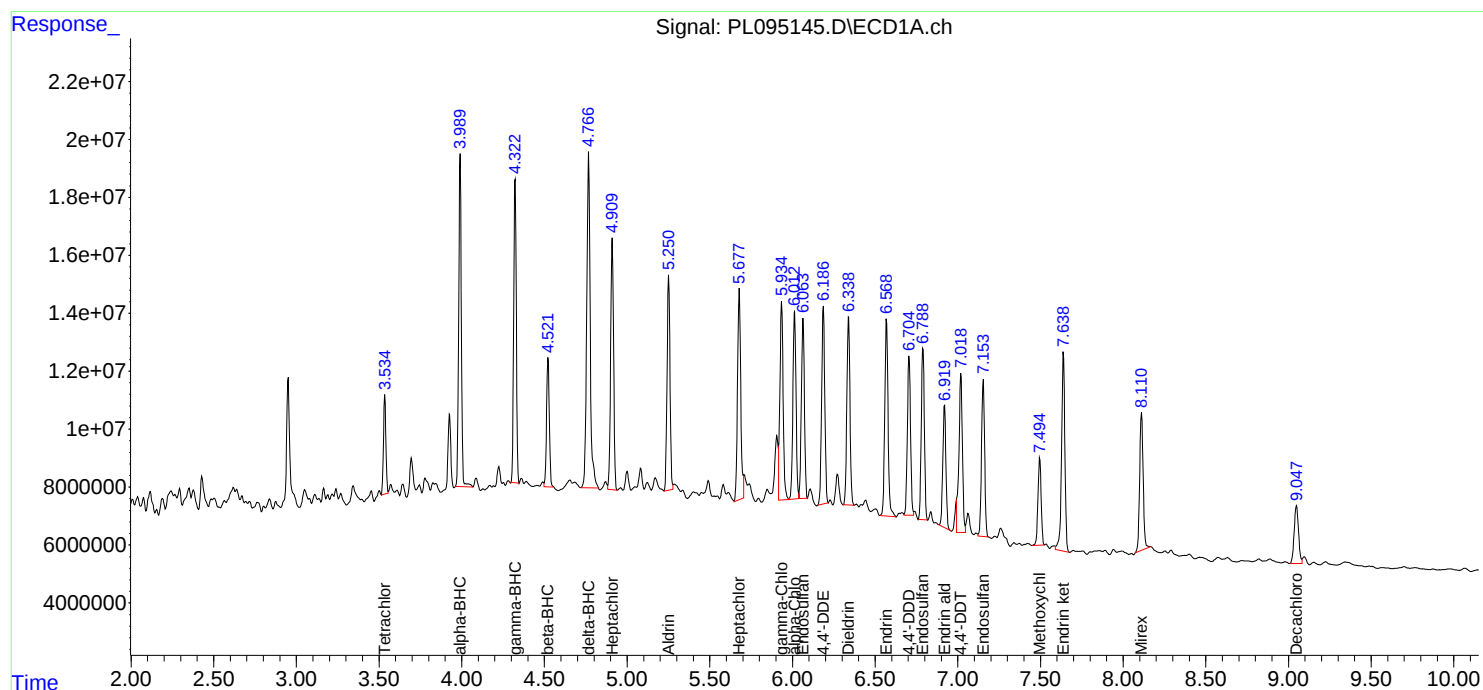
Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:25:22 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\PL040925\
 Data File : PL095146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 19:12
 Operator : AR\AJ
 Sample : Q1739-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-LIQUID-20250404MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
 Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:25:33 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...	3.533	2.767	34768099	48958685	12.283m	13.717m
28) SA Decachlor...	9.047	7.899	34559263	52039313	16.399m	12.883
Target Compounds						
2) A alpha-BHC	3.990	3.270	124.0E6	190.3E6	29.872	35.292
3) MA gamma-BHC...	4.323	3.599	113.9E6	159.1E6	28.547	30.965
4) MA Heptachlor	4.911	3.935	106.8E6	144.4E6	27.524	27.409m
5) MB Aldrin	5.250	4.215	88681356	138.4E6	24.018m	28.391
6) B beta-BHC	4.521	3.898	49756043	69621157	26.965m	31.343m
7) B delta-BHC	4.767	4.127	165.0E6	133.5E6	42.381	26.681 #
8) B Heptachlo...	5.677	4.718	95976173	129.9E6	28.691m	28.365
9) A Endosulfan I	6.064	5.087	78486962	150.0E6	25.564	34.174 #
10) B gamma-Chl...	5.935	4.968	93639414	149.5E6	27.791	30.969
11) B alpha-Chl...	6.013	5.031	83530901	131.1E6	25.337	27.471
12) B 4,4'-DDE	6.187	5.220	89307641	128.3E6	30.355	27.600
13) MA Dieldrin	6.339	5.350	83761915	171.2E6	26.191	35.289m#
14) MA Endrin	6.569	5.627	90415762	119.9E6	32.617	27.469
15) B Endosulfa...	6.789	5.920	75795525	120.4E6	27.920	27.810m
16) A 4,4'-DDD	6.706	5.775	71410249	98205183	32.968	27.310
17) MA 4,4'-DDT	7.018	6.023	72441272	123.1E6	30.456m	30.518m
18) B Endrin al...	6.919	6.100	53564851	86109391	25.374	25.587m
19) B Endosulfa...	7.154	6.323	70446115	128.2E6	28.966	31.484
20) A Methoxychlor	7.496	6.598	40704355	67064220	34.003	31.618m
21) B Endrin ke...	7.639	6.829	93851380	139.0E6	35.506	29.122
22) Mirex	8.110	7.008	71468532	107.1E6	34.588m	28.220

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 19:12
Operator : AR\AJ
Sample : Q1739-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

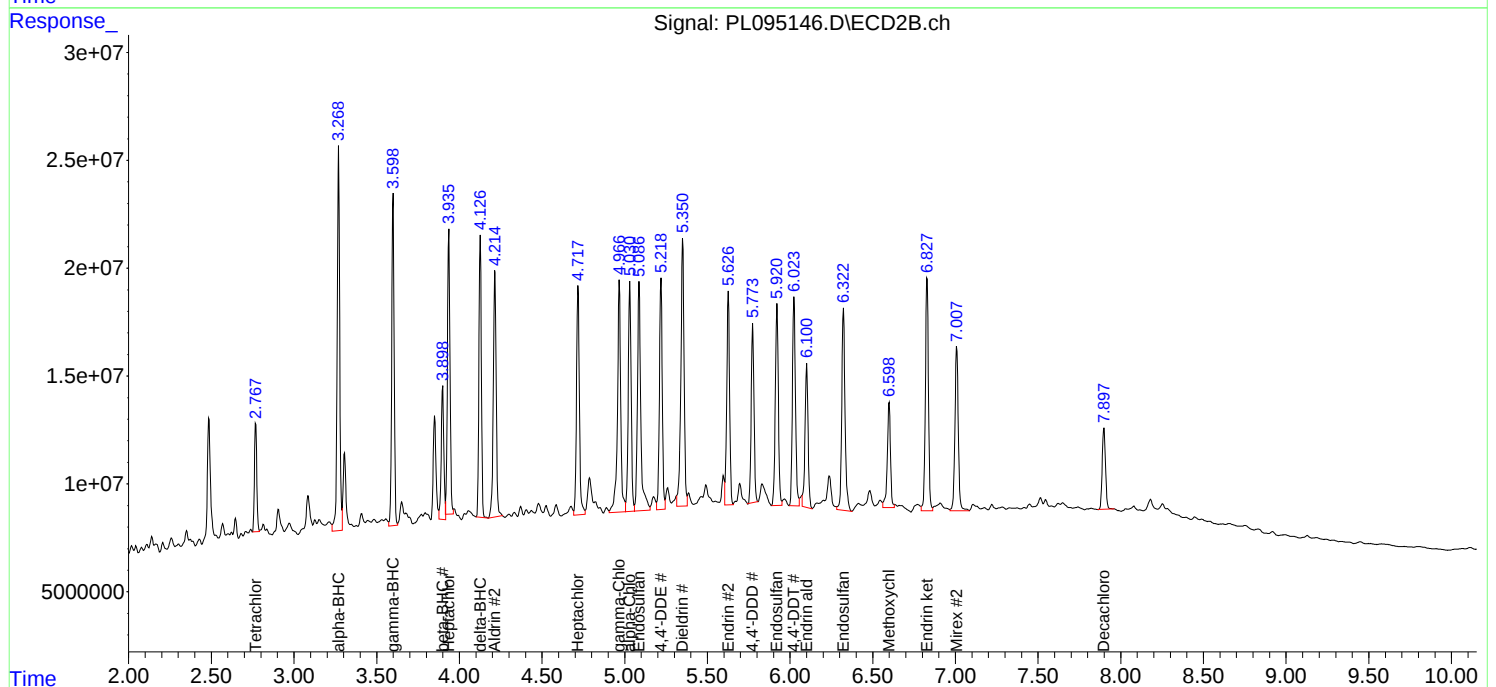
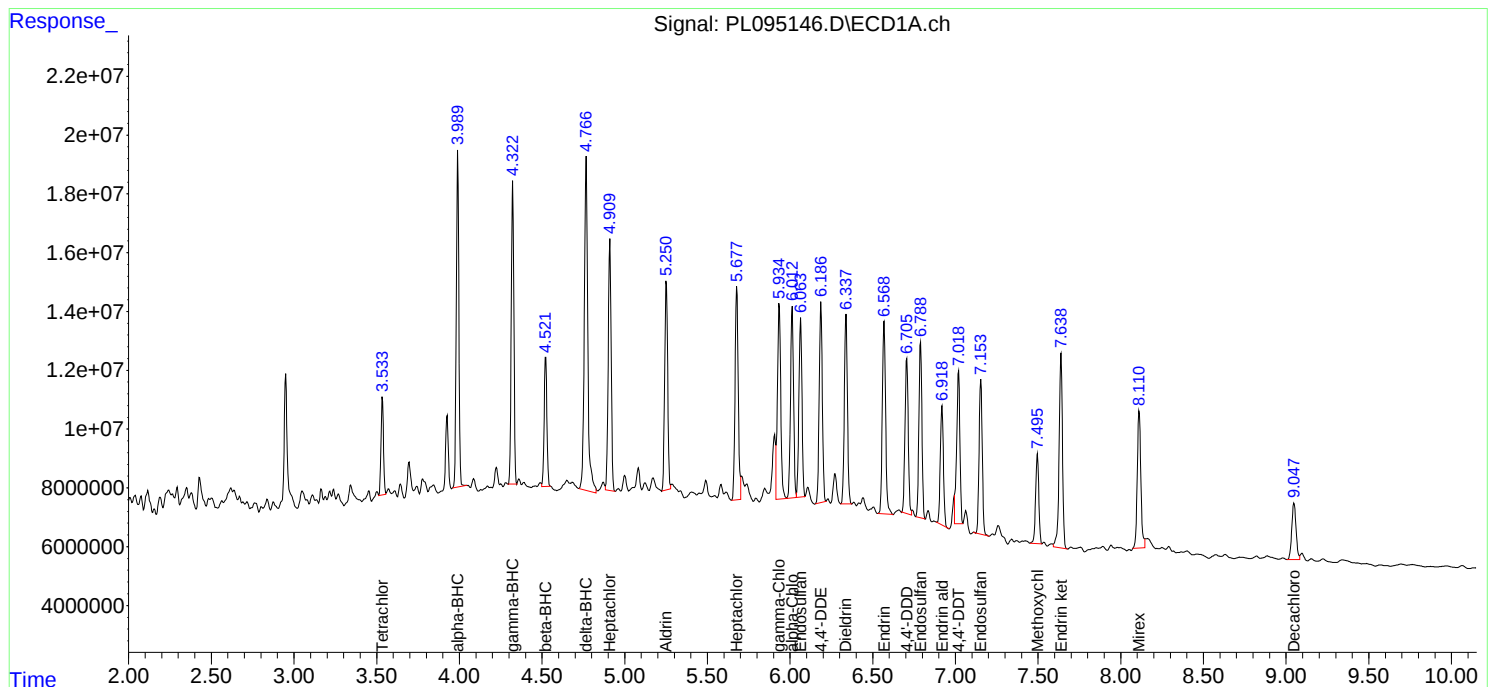
Instrument :
ECD_L
ClientSampleId :
WC-LIQUID-20250404MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:25:33 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

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:

pl040925

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL095128.D	4,4"-DDD	Abdul	4/10/2025 9:01:59 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095128.D	4,4"-DDE	Abdul	4/10/2025 9:01:59 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095128.D	4,4"-DDE #2	Abdul	4/10/2025 9:01:59 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095128.D	Endrin	Abdul	4/10/2025 9:01:59 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095128.D	Endrin #2	Abdul	4/10/2025 9:01:59 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095128.D	Endrin aldehyde	Abdul	4/10/2025 9:01:59 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095128.D	Endrin ketone #2	Abdul	4/10/2025 9:01:59 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095128.D	Methoxychlor #2	Abdul	4/10/2025 9:01:59 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095129.D	4,4"-DDE #2	Abdul	4/10/2025 9:02:03 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095129.D	Dieldrin #2	Abdul	4/10/2025 9:02:03 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095129.D	Endosulfan I #2	Abdul	4/10/2025 9:02:03 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095129.D	Endosulfan II #2	Abdul	4/10/2025 9:02:03 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095129.D	Endrin	Abdul	4/10/2025 9:02:03 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software

Manual Integration Report

Sequence:

pl040925

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL095129.D	Endrin #2	Abdul	4/10/2025 9:02:03 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095129.D	Endrin ketone #2	Abdul	4/10/2025 9:02:03 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095129.D	Heptachlor epoxide #2	Abdul	4/10/2025 9:02:03 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095138.D	4,4"-DDE #2	Abdul	4/10/2025 9:02:26 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095138.D	Dieldrin #2	Abdul	4/10/2025 9:02:26 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095138.D	Endosulfan II #2	Abdul	4/10/2025 9:02:26 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095138.D	Endrin	Abdul	4/10/2025 9:02:26 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095138.D	Endrin #2	Abdul	4/10/2025 9:02:26 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	4,4"-DDD	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	4,4"-DDD #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	4,4"-DDT	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	4,4"-DDT #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Aldrin	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software

Manual Integration Report

Sequence:	pl040925	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1739-02MS	PL095145.D	beta-BHC	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Decachlorobiphenyl	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Dieldrin #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Endosulfan I #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Endosulfan II #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Endosulfan Sulfate	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Endrin aldehyde #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Endrin ketone	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	gamma-Chlordane #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Heptachlor #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Heptachlor epoxide	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Methoxychlor #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MS	PL095145.D	Tetrachloro-m-xylene	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software

Manual Integration Report

Sequence:	pl040925	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1739-02MS	PL095145.D	Tetrachloro-m-xylene #2	Abdul	4/10/2025 9:02:54 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	4,4"-DDT	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	4,4"-DDT #2	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Aldrin	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	beta-BHC	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	beta-BHC #2	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Decachlorobiphenyl	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Dieldrin #2	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Endosulfan II #2	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Endrin aldehyde #2	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Heptachlor #2	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Heptachlor epoxide	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Methoxychlor #2	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software

Manual Integration Report

Sequence:

pl040925

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1739-02MSD	PL095146.D	Mirex	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Tetrachloro-m-xylene	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1739-02MSD	PL095146.D	Tetrachloro-m-xylene #2	Abdul	4/10/2025 9:02:58 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095148.D	4,4"-DDE	Abdul	4/10/2025 9:03:02 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095148.D	4,4"-DDE #2	Abdul	4/10/2025 9:03:02 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095148.D	Endrin	Abdul	4/10/2025 9:03:02 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095148.D	Endrin aldehyde	Abdul	4/10/2025 9:03:02 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PEM	PL095148.D	Endrin ketone #2	Abdul	4/10/2025 9:03:02 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095149.D	4,4"-DDE #2	Abdul	4/10/2025 9:03:06 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095149.D	Dieldrin #2	Abdul	4/10/2025 9:03:06 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095149.D	Endosulfan II #2	Abdul	4/10/2025 9:03:06 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095149.D	Endrin ketone #2	Abdul	4/10/2025 9:03:06 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095149.D	Methoxychlor	Abdul	4/10/2025 9:03:06 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software

Manual Integration Report

Sequence:	pl040925	Instrument	ECD_I
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL095149.D	Mirex #2	Abdul	4/10/2025 9:03:06 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1746-02	PL095160.D	Tetrachloro-m-xylene	Abdul	4/10/2025 9:03:29 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1746-04	PL095161.D	Tetrachloro-m-xylene	Abdul	4/10/2025 9:03:34 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
Q1746-04	PL095161.D	Tetrachloro-m-xylene #2	Abdul	4/10/2025 9:03:34 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	4,4"-DDE #2	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	alpha-Chlordane #2	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	Dieldrin #2	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	Endosulfan I #2	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	Endosulfan II #2	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	Endrin	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	Endrin ketone #2	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	gamma-Chlordane #2	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software
PSTDCCC050	PL095163.D	Mirex #2	Abdul	4/10/2025 9:03:38 AM	mohammad	4/11/2025 1:23:20	Peak Integrated by Software

Manual Integration Report

Sequence:

PL041425

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL095203.D	4,4"-DDD	Abdul	4/15/2025 7:50:36 AM	mohammad	4/16/2025 1:08:48	Peak Integrated by Software
PEM	PL095203.D	Methoxychlor #2	Abdul	4/15/2025 7:50:36 AM	mohammad	4/16/2025 1:08:48	Peak Integrated by Software
PSTDICC100	PL095205.D	Endrin ketone #2	Abdul	4/15/2025 7:50:43 AM	mohammad	4/16/2025 1:08:48	Peak Integrated by Software
PSTDICC005	PL095209.D	gamma-Chlordane	Abdul	4/15/2025 7:50:48 AM	mohammad	4/16/2025 1:08:48	Peak Integrated by Software
PSTDICC005	PL095209.D	Methoxychlor #2	Abdul	4/15/2025 7:50:48 AM	mohammad	4/16/2025 1:08:48	Peak Integrated by Software

Manual Integration Report

Sequence:

PI041525

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL095225.D	4,4"-DDD	Abdul	4/16/2025 8:38:45 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095225.D	4,4"-DDD #2	Abdul	4/16/2025 8:38:45 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095225.D	Endrin	Abdul	4/16/2025 8:38:45 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095225.D	Endrin aldehyde	Abdul	4/16/2025 8:38:45 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095225.D	Endrin ketone #2	Abdul	4/16/2025 8:38:45 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095225.D	Methoxychlor #2	Abdul	4/16/2025 8:38:45 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PSTDCCC050	PL095226.D	Endrin	Abdul	4/16/2025 8:38:56 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PSTDCCC050	PL095226.D	Endrin ketone #2	Abdul	4/16/2025 8:38:56 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PB167535BS	PL095232.D	delta-BHC	Abdul	4/16/2025 8:39:15 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PSTDCCC050	PL095236.D	alpha-BHC #2	Abdul	4/16/2025 8:39:30 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095251.D	4,4"-DDD	Abdul	4/16/2025 8:40:29 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095251.D	4,4"-DDE	Abdul	4/16/2025 8:40:29 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095251.D	4,4"-DDE #2	Abdul	4/16/2025 8:40:29 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software

Manual Integration Report

Sequence:

PI041525

Instrument

ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL095251.D	Endrin	Abdul	4/16/2025 8:40:29 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PEM	PL095251.D	Endrin aldehyde	Abdul	4/16/2025 8:40:29 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PSTDCCC050	PL095252.D	delta-BHC	Abdul	4/16/2025 8:40:34 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software
PSTDCCC050	PL095252.D	Endrin	Abdul	4/16/2025 8:40:34 AM	mohammad	4/16/2025 9:16:31	Peak Integrated by Software

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,PP24283,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	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,PP24283,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,PP24283,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 # PL040925

Review By	Abdul	Review On	4/10/2025 9:04:04 AM
Supervise By	mohammad	Supervise On	4/11/2025 1:23:20 AM
SubDirectory	PL040925	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,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	PL095126.D	09 Apr 2025 08:16	AR\AJ	Ok
2	I.BLK	PL095127.D	09 Apr 2025 08:29	AR\AJ	Ok
3	PEM	PL095128.D	09 Apr 2025 08:43	AR\AJ	Ok,M
4	PSTDCCC050	PL095129.D	09 Apr 2025 08:57	AR\AJ	Ok,M
5	PB167473BS	PL095130.D	09 Apr 2025 11:03	AR\AJ	Ok,M
6	PB167523BL	PL095131.D	09 Apr 2025 12:28	AR\AJ	Ok
7	PB167523BS	PL095132.D	09 Apr 2025 14:50	AR\AJ	Ok,M
8	Q1748-01	PL095133.D	09 Apr 2025 15:41	AR\AJ	Ok,M
9	Q1748-05	PL095134.D	09 Apr 2025 15:54	AR\AJ	Ok,M
10	Q1754-01	PL095135.D	09 Apr 2025 16:08	AR\AJ	Ok,M
11	Q1754-03	PL095136.D	09 Apr 2025 16:22	AR\AJ	Ok,M
12	I.BLK	PL095137.D	09 Apr 2025 16:36	AR\AJ	Ok
13	PSTDCCC050	PL095138.D	09 Apr 2025 16:49	AR\AJ	Ok,M
14	Q1749-01	PL095139.D	09 Apr 2025 17:36	AR\AJ	Ok,M
15	Q1752-01	PL095140.D	09 Apr 2025 17:50	AR\AJ	Ok,M
16	Q1752-03	PL095141.D	09 Apr 2025 18:03	AR\AJ	Ok,M
17	Q1752-03MS	PL095142.D	09 Apr 2025 18:17	AR\AJ	Ok,M
18	Q1752-03MSD	PL095143.D	09 Apr 2025 18:31	AR\AJ	Ok,M
19	Q1739-02	PL095144.D	09 Apr 2025 18:45	AR\AJ	Ok,M
20	Q1739-02MS	PL095145.D	09 Apr 2025 18:58	AR\AJ	Ok,M
21	Q1739-02MSD	PL095146.D	09 Apr 2025 19:12	AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL040925

Review By	Abdul	Review On	4/10/2025 9:04:04 AM
Supervise By	mohammad	Supervise On	4/11/2025 1:23:20 AM
SubDirectory	PL040925	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	I.BLK	PL095147.D	09 Apr 2025 19:26	AR\AJ	Ok
23	PEM	PL095148.D	09 Apr 2025 19:39	AR\AJ	Ok,M
24	PSTDCCC050	PL095149.D	09 Apr 2025 20:20	AR\AJ	Ok,M
25	Q1752-05	PL095150.D	09 Apr 2025 20:34	AR\AJ	Ok,M
26	Q1752-07	PL095151.D	09 Apr 2025 20:48	AR\AJ	Ok,M
27	Q1753-01	PL095152.D	09 Apr 2025 21:02	AR\AJ	Ok
28	Q1753-05	PL095153.D	09 Apr 2025 21:15	AR\AJ	Ok
29	PB167535BL	PL095154.D	09 Apr 2025 21:29	AR\AJ	Ok
30	PB167535BS	PL095155.D	09 Apr 2025 21:43	AR\AJ	Not Ok
31	PB167488TB	PL095156.D	09 Apr 2025 21:56	AR\AJ	Ok
32	PB167517TB	PL095157.D	09 Apr 2025 22:10	AR\AJ	Ok
33	Q1744-02	PL095158.D	09 Apr 2025 22:24	AR\AJ	Ok,M
34	Q1744-04	PL095159.D	09 Apr 2025 22:38	AR\AJ	Ok,M
35	Q1746-02	PL095160.D	09 Apr 2025 22:51	AR\AJ	Ok,M
36	Q1746-04	PL095161.D	09 Apr 2025 23:05	AR\AJ	Ok,M
37	I.BLK	PL095162.D	09 Apr 2025 23:19	AR\AJ	Ok
38	PSTDCCC050	PL095163.D	09 Apr 2025 23:33	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL041425

Review By	Abdul	Review On	4/15/2025 7:51:14 AM
Supervise By	mohammad	Supervise On	4/16/2025 1:08:48 AM
SubDirectory	PL041425	HP Acquire Method	HP Processing Method pl041425 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,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	PL095201.D	14 Apr 2025 14:12	AR\AJ	Ok
2	I.BLK	PL095202.D	14 Apr 2025 14:26	AR\AJ	Ok
3	PEM	PL095203.D	14 Apr 2025 14:40	AR\AJ	Ok,M
4	RESCHK	PL095204.D	14 Apr 2025 14:54	AR\AJ	Ok
5	PSTDICC100	PL095205.D	14 Apr 2025 15:07	AR\AJ	Ok,M
6	PSTDICC075	PL095206.D	14 Apr 2025 15:21	AR\AJ	Ok
7	PSTDICC050	PL095207.D	14 Apr 2025 15:35	AR\AJ	Ok
8	PSTDICC025	PL095208.D	14 Apr 2025 16:02	AR\AJ	Ok
9	PSTDICC005	PL095209.D	14 Apr 2025 16:15	AR\AJ	Ok,M
10	PCHLORICC1000	PL095210.D	14 Apr 2025 16:29	AR\AJ	Ok
11	PCHLORICC750	PL095211.D	14 Apr 2025 16:43	AR\AJ	Ok
12	PCHLORICC500	PL095212.D	14 Apr 2025 16:56	AR\AJ	Ok
13	PCHLORICC250	PL095213.D	14 Apr 2025 17:10	AR\AJ	Ok
14	PCHLORICC050	PL095214.D	14 Apr 2025 17:24	AR\AJ	Ok
15	PTOXICC1000	PL095215.D	14 Apr 2025 17:38	AR\AJ	Ok
16	PTOXICC750	PL095216.D	14 Apr 2025 17:51	AR\AJ	Ok
17	PTOXICC500	PL095217.D	14 Apr 2025 18:05	AR\AJ	Ok
18	PTOXICC250	PL095218.D	14 Apr 2025 18:19	AR\AJ	Ok,M
19	PTOXICC100	PL095219.D	14 Apr 2025 18:32	AR\AJ	Ok
20	PSTDICV050	PL095220.D	14 Apr 2025 18:46	AR\AJ	Ok
21	PCHLORICV500	PL095221.D	14 Apr 2025 19:00	AR\AJ	Ok

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL041425

Review By	Abdul	Review On	4/15/2025 7:51:14 AM
Supervise By	mohammad	Supervise On	4/16/2025 1:08:48 AM
SubDirectory	PL041425	HP Acquire Method	HP Processing Method pl041425 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PL095222.D	14 Apr 2025 19:13	AR\AJ	Ok
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M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL041525

Review By	Abdul	Review On	4/16/2025 8:41:15 AM
Supervise By	mohammad	Supervise On	4/16/2025 9:16:31 AM
SubDirectory	PL041525	HP Acquire Method	HP Processing Method pl041425 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,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	PL095223.D	15 Apr 2025 10:24	AR\AJ	Ok
2	I.BLK	PL095224.D	15 Apr 2025 10:37	AR\AJ	Ok
3	PEM	PL095225.D	15 Apr 2025 10:51	AR\AJ	Ok,M
4	PSTDCCC050	PL095226.D	15 Apr 2025 11:21	AR\AJ	Ok,M
5	Q1784-01	PL095227.D	15 Apr 2025 11:35	AR\AJ	Ok,M
6	Q1783-01	PL095228.D	15 Apr 2025 11:48	AR\AJ	Ok,M
7	Q1792-01	PL095229.D	15 Apr 2025 12:02	AR\AJ	Ok,M
8	PB167576BL	PL095230.D	15 Apr 2025 12:16	AR\AJ	Ok
9	PB167576BS	PL095231.D	15 Apr 2025 12:29	AR\AJ	Not Ok
10	PB167535BS	PL095232.D	15 Apr 2025 13:05	AR\AJ	Ok,M
11	Q1785-01	PL095233.D	15 Apr 2025 13:30	AR\AJ	Ok,M
12	Q1785-03	PL095234.D	15 Apr 2025 13:43	AR\AJ	Ok,M
13	I.BLK	PL095235.D	15 Apr 2025 13:57	AR\AJ	Ok
14	PSTDCCC050	PL095236.D	15 Apr 2025 15:08	AR\AJ	Ok,M
15	PB167576BS	PL095237.D	15 Apr 2025 15:22	AR\AJ	Ok,M
16	Q1787-09	PL095238.D	15 Apr 2025 15:40	AR\AJ	Ok,M
17	Q1787-09MS	PL095239.D	15 Apr 2025 15:53	AR\AJ	Ok,M
18	Q1787-09MSD	PL095240.D	15 Apr 2025 16:07	AR\AJ	Ok,M
19	Q1788-01	PL095241.D	15 Apr 2025 16:21	AR\AJ	Ok,M
20	PB167596BL	PL095242.D	15 Apr 2025 16:35	AR\AJ	Ok
21	PB167596BS	PL095243.D	15 Apr 2025 16:48	AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL041525

Review By	Abdul	Review On	4/16/2025 8:41:15 AM
Supervise By	mohammad	Supervise On	4/16/2025 9:16:31 AM
SubDirectory	PL041525	HP Acquire Method	HP Processing Method pl041425 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24095		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1806-01	PL095244.D	15 Apr 2025 17:02	AR\AJ	Ok,M
23	Q1807-01	PL095245.D	15 Apr 2025 17:16	AR\AJ	Ok,M
24	Q1808-01	PL095246.D	15 Apr 2025 17:30	AR\AJ	Ok,M
25	Q1808-01MS	PL095247.D	15 Apr 2025 17:43	AR\AJ	Ok,M
26	Q1808-01MSD	PL095248.D	15 Apr 2025 17:57	AR\AJ	Ok,M
27	Q1808-03	PL095249.D	15 Apr 2025 18:10	AR\AJ	Ok,M
28	I.BLK	PL095250.D	15 Apr 2025 18:38	AR\AJ	Ok
29	PEM	PL095251.D	15 Apr 2025 18:52	AR\AJ	Ok,M
30	PSTDCCC050	PL095252.D	15 Apr 2025 19:05	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,PP24283,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,PP24283,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,PP24283,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 # PL040925

Review By	Abdul	Review On	4/10/2025 9:04:04 AM
Supervise By	mohammad	Supervise On	4/11/2025 1:23:20 AM
SubDirectory	PL040925	HP Acquire Method	HP Processing Method p031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,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,PP24283,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	PL095126.D	09 Apr 2025 08:16		AR\AJ	Ok
2	I.BLK	I.BLK	PL095127.D	09 Apr 2025 08:29		AR\AJ	Ok
3	PEM	PEM	PL095128.D	09 Apr 2025 08:43		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL095129.D	09 Apr 2025 08:57		AR\AJ	Ok,M
5	PB167473BS	PB167473BS	PL095130.D	09 Apr 2025 11:03		AR\AJ	Ok,M
6	PB167523BL	PB167523BL	PL095131.D	09 Apr 2025 12:28		AR\AJ	Ok
7	PB167523BS	PB167523BS	PL095132.D	09 Apr 2025 14:50		AR\AJ	Ok,M
8	Q1748-01	IB-1.5-WC	PL095133.D	09 Apr 2025 15:41		AR\AJ	Ok,M
9	Q1748-05	IB-2A-WC	PL095134.D	09 Apr 2025 15:54		AR\AJ	Ok,M
10	Q1754-01	TP-1	PL095135.D	09 Apr 2025 16:08		AR\AJ	Ok,M
11	Q1754-03	TP-1-CONCRETE	PL095136.D	09 Apr 2025 16:22		AR\AJ	Ok,M
12	I.BLK	I.BLK	PL095137.D	09 Apr 2025 16:36		AR\AJ	Ok
13	PSTDCCC050	PSTDCCC050	PL095138.D	09 Apr 2025 16:49		AR\AJ	Ok,M
14	Q1749-01	TP-14	PL095139.D	09 Apr 2025 17:36		AR\AJ	Ok,M
15	Q1752-01	TP-1	PL095140.D	09 Apr 2025 17:50		AR\AJ	Ok,M
16	Q1752-03	TP-2	PL095141.D	09 Apr 2025 18:03		AR\AJ	Ok,M
17	Q1752-03MS	TP-2MS	PL095142.D	09 Apr 2025 18:17		AR\AJ	Ok,M
18	Q1752-03MSD	TP-2MSD	PL095143.D	09 Apr 2025 18:31		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL040925

Review By	Abdul	Review On	4/10/2025 9:04:04 AM
Supervise By	mohammad	Supervise On	4/11/2025 1:23:20 AM
SubDirectory	PL040925	HP Acquire Method	HP Processing Method pl031125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,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,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q1739-02	WC-LIQUID-20250404	PL095144.D	09 Apr 2025 18:45	TCMX low in both column, confirmed with MS/MSD	AR\AJ	Ok,M
20	Q1739-02MS	WC-LIQUID-20250404	PL095145.D	09 Apr 2025 18:58	TCMX low in both column , Comp#8,14,20 recovery fail	AR\AJ	Ok,M
21	Q1739-02MSD	WC-LIQUID-20250404	PL095146.D	09 Apr 2025 19:12	TCMX low in both column , Comp#8,14,20 recovery fail	AR\AJ	Ok,M
22	I.BLK	I.BLK	PL095147.D	09 Apr 2025 19:26		AR\AJ	Ok
23	PEM	PEM	PL095148.D	09 Apr 2025 19:39		AR\AJ	Ok,M
24	PSTDCCC050	PSTDCCC050	PL095149.D	09 Apr 2025 20:20		AR\AJ	Ok,M
25	Q1752-05	TP-4	PL095150.D	09 Apr 2025 20:34		AR\AJ	Ok,M
26	Q1752-07	TP-3	PL095151.D	09 Apr 2025 20:48		AR\AJ	Ok,M
27	Q1753-01	WC-1	PL095152.D	09 Apr 2025 21:02		AR\AJ	Ok
28	Q1753-05	WC-2	PL095153.D	09 Apr 2025 21:15		AR\AJ	Ok
29	PB167535BL	PB167535BL	PL095154.D	09 Apr 2025 21:29		AR\AJ	Ok
30	PB167535BS	PB167535BS	PL095155.D	09 Apr 2025 21:43	All surrogate fail , Comp#16,20 recovery fail	AR\AJ	Not Ok
31	PB167488TB	PB167488TB	PL095156.D	09 Apr 2025 21:56		AR\AJ	Ok
32	PB167517TB	PB167517TB	PL095157.D	09 Apr 2025 22:10		AR\AJ	Ok
33	Q1744-02	B-158-SB01	PL095158.D	09 Apr 2025 22:24		AR\AJ	Ok,M
34	Q1744-04	B-158-SB02	PL095159.D	09 Apr 2025 22:38		AR\AJ	Ok,M
35	Q1746-02	B-149-SB01	PL095160.D	09 Apr 2025 22:51		AR\AJ	Ok,M
36	Q1746-04	B-149-SB02	PL095161.D	09 Apr 2025 23:05		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL040925

Review By	Abdul	Review On	4/10/2025 9:04:04 AM
Supervise By	mohammad	Supervise On	4/11/2025 1:23:20 AM
SubDirectory	PL040925	HP Acquire Method	HP Processing Method pl031125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,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,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

37	I.BLK	I.BLK	PL095162.D	09 Apr 2025 23:19		AR\AJ	Ok
38	PSTDCCC050	PSTDCCC050	PL095163.D	09 Apr 2025 23:33		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL041425

Review By	Abdul	Review On	4/15/2025 7:51:14 AM
Supervise By	mohammad	Supervise On	4/16/2025 1:08:48 AM
SubDirectory	PL041425	HP Acquire Method	HP Processing Method p041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,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,PP24283,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	PL095201.D	14 Apr 2025 14:12		AR\AJ	Ok
2	I.BLK	I.BLK	PL095202.D	14 Apr 2025 14:26		AR\AJ	Ok
3	PEM	PEM	PL095203.D	14 Apr 2025 14:40		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL095204.D	14 Apr 2025 14:54		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL095205.D	14 Apr 2025 15:07		AR\AJ	Ok,M
6	PSTDICC075	PSTDICC075	PL095206.D	14 Apr 2025 15:21		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL095207.D	14 Apr 2025 15:35		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL095208.D	14 Apr 2025 16:02		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PL095209.D	14 Apr 2025 16:15		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL095210.D	14 Apr 2025 16:29		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL095211.D	14 Apr 2025 16:43		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL095212.D	14 Apr 2025 16:56		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL095213.D	14 Apr 2025 17:10		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PL095214.D	14 Apr 2025 17:24		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PL095215.D	14 Apr 2025 17:38		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PL095216.D	14 Apr 2025 17:51		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PL095217.D	14 Apr 2025 18:05		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL095218.D	14 Apr 2025 18:19		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL041425

Review By	Abdul	Review On	4/15/2025 7:51:14 AM
Supervise By	mohammad	Supervise On	4/16/2025 1:08:48 AM
SubDirectory	PL041425	HP Acquire Method	HP Processing Method pl041425 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,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,PP24283,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	PL095219.D	14 Apr 2025 18:32		AR\AJ	Ok
20	PSTDICV050	ICVPL041425	PL095220.D	14 Apr 2025 18:46		AR\AJ	Ok
21	PCHLORICV500	ICVPL041425CHLOR	PL095221.D	14 Apr 2025 19:00		AR\AJ	Ok
22	PTOXICV500	ICVPL041425TOX	PL095222.D	14 Apr 2025 19:13		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL041525

Review By	Abdul	Review On	4/16/2025 8:41:15 AM
Supervise By	mohammad	Supervise On	4/16/2025 9:16:31 AM
SubDirectory	PL041525	HP Acquire Method	HP Processing Method p1041425 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,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,PP24283,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	PL095223.D	15 Apr 2025 10:24		AR\AJ	Ok
2	I.BLK	I.BLK	PL095224.D	15 Apr 2025 10:37		AR\AJ	Ok
3	PEM	PEM	PL095225.D	15 Apr 2025 10:51		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL095226.D	15 Apr 2025 11:21		AR\AJ	Ok,M
5	Q1784-01	OR-01-41125	PL095227.D	15 Apr 2025 11:35		AR\AJ	Ok,M
6	Q1783-01	SU-03-41125	PL095228.D	15 Apr 2025 11:48		AR\AJ	Ok,M
7	Q1792-01	TR-05-041125	PL095229.D	15 Apr 2025 12:02		AR\AJ	Ok,M
8	PB167576BL	PB167576BL	PL095230.D	15 Apr 2025 12:16		AR\AJ	Ok
9	PB167576BS	PB167576BS	PL095231.D	15 Apr 2025 12:29	F Flag coming	AR\AJ	Not Ok
10	PB167535BS	PB167535BS	PL095232.D	15 Apr 2025 13:05		AR\AJ	Ok,M
11	Q1785-01	HR-02-041125	PL095233.D	15 Apr 2025 13:30		AR\AJ	Ok,M
12	Q1785-03	HR-03-041125	PL095234.D	15 Apr 2025 13:43		AR\AJ	Ok,M
13	I.BLK	I.BLK	PL095235.D	15 Apr 2025 13:57		AR\AJ	Ok
14	PSTDCCC050	PSTDCCC050	PL095236.D	15 Apr 2025 15:08		AR\AJ	Ok,M
15	PB167576BS	PB167576BS	PL095237.D	15 Apr 2025 15:22		AR\AJ	Ok,M
16	Q1787-09	TP-1	PL095238.D	15 Apr 2025 15:40		AR\AJ	Ok,M
17	Q1787-09MS	TP-1MS	PL095239.D	15 Apr 2025 15:53		AR\AJ	Ok,M
18	Q1787-09MSD	TP-1MSD	PL095240.D	15 Apr 2025 16:07		AR\AJ	Ok,M

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QC Batch ID # PL041525

Review By	Abdul	Review On	4/16/2025 8:41:15 AM
Supervise By	mohammad	Supervise On	4/16/2025 9:16:31 AM
SubDirectory	PL041525	HP Acquire Method	HP Processing Method pl041425 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,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,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q1788-01	WC-1	PL095241.D	15 Apr 2025 16:21		AR\AJ	Ok,M
20	PB167596BL	PB167596BL	PL095242.D	15 Apr 2025 16:35		AR\AJ	Ok
21	PB167596BS	PB167596BS	PL095243.D	15 Apr 2025 16:48		AR\AJ	Ok,M
22	Q1806-01	OR-03-041425	PL095244.D	15 Apr 2025 17:02		AR\AJ	Ok,M
23	Q1807-01	OK-02-041425	PL095245.D	15 Apr 2025 17:16		AR\AJ	Ok,M
24	Q1808-01	OILY-SOIL-PILE	PL095246.D	15 Apr 2025 17:30		AR\AJ	Ok,M
25	Q1808-01MS	OILY-SOIL-PILEMS	PL095247.D	15 Apr 2025 17:43		AR\AJ	Ok,M
26	Q1808-01MSD	OILY-SOIL-PILEMSD	PL095248.D	15 Apr 2025 17:57		AR\AJ	Ok,M
27	Q1808-03	LAW-25-0060	PL095249.D	15 Apr 2025 18:10		AR\AJ	Ok,M
28	I.BLK	I.BLK	PL095250.D	15 Apr 2025 18:38		AR\AJ	Ok
29	PEM	PEM	PL095251.D	15 Apr 2025 18:52		AR\AJ	Ok,M
30	PSTDCCC050	PSTDCCC050	PL095252.D	15 Apr 2025 19:05		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 : 04/08/2025 Time : 16:40

End Prep Date : 04/09/2025 Time : 11:11

Combination Ratio : 20

ZHE Cleaning Batch : ⁵⁹ N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 21 °C

TCLP Technician Signature : *JP*

Supervisor By : *12*

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	N/A	W1931,W1934,W3171,W3172
pH Strips	W1941,W1942	W3166,W1938,W1939,W1940,
1 Liter Amber	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. Q1743-04 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/09/25 12:40	<i>JP</i> / <i>100 Room</i>	<i>JP</i> / <i>1515</i>
	Preparation Group	Analysis Group

04/09/25

net 12

TCLP EXTRACTION LOGPAGE

PB167517

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
PB167517TB	LEB517	19	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q1743-04	TP-16	01	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1744-02	B-158-SB01	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1744-04	B-158-SB02	03	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q1745-04	IB-6A-WC	04	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1745-12	IB-6.5-WC	05	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1746-02	B-149-SB01	06	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1746-04	B-149-SB02	07	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q1748-04	IB-1.5-WC	08	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1748-08	IB-2A-WC	09	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1749-04	TP-14	10	100.04	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1752-02	TP-1	11	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-2
Q1752-04	TP-2	12	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-2
Q1752-06	TP-3	13	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q1752-08	TP-4	14	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q1753-04	WC-1	15	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q1753-08	WC-2	16	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q1754-02	TP-1	17	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q1754-04	TP-1-CONCRETE	18	100.04	2000	N/A	N/A	N/A	8.6	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167517TB	LEB517	N/A	N/A	N/A	N/A	N/A	N/A
Q1743-04	TP-16	N/A	N/A	N/A	N/A	100	N/A
Q1744-02	B-158-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1744-04	B-158-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1745-04	IB-6A-WC	N/A	N/A	N/A	N/A	100	N/A
Q1745-12	IB-6.5-WC	N/A	N/A	N/A	N/A	100	N/A
Q1746-02	B-149-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1746-04	B-149-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1748-04	IB-1.5-WC	N/A	N/A	N/A	N/A	100	N/A
Q1748-08	IB-2A-WC	N/A	N/A	N/A	N/A	100	N/A
Q1749-04	TP-14	N/A	N/A	N/A	N/A	100	N/A
Q1752-02	TP-1	N/A	N/A	N/A	N/A	100	N/A
Q1752-04	TP-2	N/A	N/A	N/A	N/A	100	N/A
Q1752-06	TP-3	N/A	N/A	N/A	N/A	100	N/A
Q1752-08	TP-4	N/A	N/A	N/A	N/A	100	N/A
Q1753-04	WC-1	N/A	N/A	N/A	N/A	100	N/A
Q1753-08	WC-2	N/A	N/A	N/A	N/A	100	N/A
Q1754-02	TP-1	N/A	N/A	N/A	N/A	100	N/A
Q1754-04	TP-1-CONCRETE	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
PB167517TB	LEB517	N/A	N/A	N/A	N/A	#1	4.93
Q1743-04	TP-16	5.02	96.5	8.2	3.0	#1	4.93
Q1744-02	B-158-SB01	5.03	96.5	6.6	2.5	#1	4.93
Q1744-04	B-158-SB02	5.02	96.5	6.4	2.5	#1	4.93
Q1745-04	IB-6A-WC	5.01	96.5	8.0	3.0	#1	4.93
Q1745-12	IB-6.5-WC	5.02	96.5	7.6	2.5	#1	4.93
Q1746-02	B-149-SB01	5.03	96.5	7.0	2.0	#1	4.93
Q1746-04	B-149-SB02	5.04	96.5	7.6	2.5	#1	4.93
Q1748-04	IB-1.5-WC	5.01	96.5	7.6	2.5	#1	4.93
Q1748-08	IB-2A-WC	5.02	96.5	8.0	3.0	#1	4.93
Q1749-04	TP-14	5.03	96.5	7.2	2.5	#1	4.93
Q1752-02	TP-1	5.02	96.5	8.0	3.0	#1	4.93
Q1752-04	TP-2	5.03	96.5	6.6	2.5	#1	4.93
Q1752-06	TP-3	5.00	96.5	5.8	2.0	#1	4.93
Q1752-08	TP-4	5.01	96.5	5.6	2.0	#1	4.93
Q1753-04	WC-1	5.02	96.5	5.5	2.0	#1	4.93
Q1753-08	WC-2	5.03	96.5	6.0	2.5	#1	4.93
Q1754-02	TP-1	5.02	96.5	7.2	2.5	#1	4.93
Q1754-04	TP-1-CONCRETE	5.03	96.5	10.5	4.0	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tclp q1748

WorkList ID : 188805

Department : TCLP Extraction

Date : 04-08-2025 12:17:14

LB

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1743-04	TP-16	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L33	04/07/2025	1311
Q1744-02	B-158-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L41	04/05/2025	1311
Q1744-04	B-158-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L41	04/05/2025	1311
Q1745-04	IB-6A-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/07/2025	1311
Q1745-12	IB-6.5-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/07/2025	1311
Q1746-02	B-149-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L41	04/05/2025	1311
Q1746-04	B-149-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L41	04/06/2025	1311
Q1748-04	IB-1.5-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/08/2025	1311
Q1748-08	IB-2A-WC	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/08/2025	1311
Q1749-04	TP-14	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/07/2025	1311
Q1752-02	TP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/08/2025	1311
Q1752-04	TP-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/08/2025	1311
Q1752-06	TP-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/08/2025	1311
Q1752-08	TP-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/08/2025	1311
Q1753-04	WC-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/08/2025	1311
Q1753-08	WC-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/08/2025	1311
Q1754-02	TP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/08/2025	1311
Q1754-04	TP-1-CONCRETE	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/08/2025	1311

Date/Time

04/08/25 16:25

Raw Sample Received by:

SB WC1

Raw Sample Relinquished by:

AN SH

Date/Time

04/08/25

Raw Sample Received by:

Raw Sample Relinquished by:

18:30

AN SH

AN SH

SOP ID:	M3510C,3580A-Extraction Pesticide-16		
Clean Up SOP #:	N/A	Extraction Start Date :	04/09/2025
Matrix :	Water	Extraction Start Time :	12:50
Weigh By:	N/A	Extraction By:	RJ
Balance check:	N/A	Extraction End Date :	04/09/2025
Balance ID:	N/A	Filter By:	RJ
pH Strlp Lot#:	E3880	Extraction End Time :	17:45
		Concentration By:	EH
		Supervisor By :	rajesh
Extraction Method:	☒ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24285
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	E3926
Baked Na2SO4	N/A	EP2599
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

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

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
04/09/25	RP (Sat 2.65)	Y-P Pest 11 CD.
17:50	Preparation Group	Analysis Group

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

Concentration Date: 04/09/2025

Sample ID	Client Sample ID	Test	g / <u>ml</u>	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167488TB	PB167488TB	TCLP Pesticide	100	6	ritesh	rajesh	10			SEP-01
PB167517TB	PB167517TB	TCLP Pesticide	100	6	ritesh	rajesh	10			2
PB167535BL	PBLK535	TCLP Pesticide	1000	6	ritesh	rajesh	10			3
PB167535BS	PLCS535	TCLP Pesticide	1000	6	ritesh	rajesh	10			4
Q1739-02	WC-LIQUID-20250404	TCLP Pesticide	100	6	ritesh	rajesh	10	A		5
Q1739-02MS	WC-LIQUID-20250404MS	TCLP Pesticide	100	6	ritesh	rajesh	10	A		6
Q1739-02MS D	WC-LIQUID-20250404MS D	TCLP Pesticide	100	6	ritesh	rajesh	10	A		7
Q1744-02	B-158-SB01	TCLP Pesticide	100	6	ritesh	rajesh	10	A		8
Q1744-04	B-158-SB02	TCLP Pesticide	100	6	ritesh	rajesh	10	A		9
Q1746-02	B-149-SB01	TCLP Pesticide	100	6	ritesh	rajesh	10	A		10
Q1746-04	B-149-SB02	TCLP Pesticide	100	6	ritesh	rajesh	10	A		11

* Extracts relinquished on the same date as received.



TCLP EXTRACTION LOGPAGE

PB167467

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
PB167467TB	LEB467	18	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q1712-04	Z-05A	01	100.02	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1712-08	TT-7	02	100.03	2000	N/A	N/A	N/A	7.6	1.0	T-1
Q1719-01	TP-3-1	03	100.04	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1719-02	TP-3-2	04	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1719-03	TP-3-3	05	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q1719-04	TP-3-4	06	100.02	2000	N/A	N/A	N/A	5.5	1.5	T-1
Q1719-05	TP-3-5	07	100.03	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q1719-06	TP-3-6	08	100.02	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q1719-07	TP-3-7	09	100.01	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q1719-08	TP-3-8	10	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q1719-09	TP-3-9	11	100.03	2000	N/A	N/A	N/A	5.5	1.5	T-2
Q1719-10	TP-3-10	12	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q1719-11	TP-3-11	13	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q1719-12	TP-3-12	14	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q1732-04	TT-8	15	100.03	2000	N/A	N/A	N/A	8.6	1.0	T-2
Q1737-02	RT3069	16	100.02	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q1740-04	TP-20	17	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-2

04/07/25
11:00

TCLP EXTRACTION LOGPAGE

PB167488

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
PB167488TB	LEB488	N/A	N/A	N/A	N/A	N/A	N/A	4.94	1.0	N/A
Q1739-02	WC-LIQUID-20250404	N/A	N/A	N/A	N/A	N/A	N/A	6.6	1.5	N/A

04/07/25
12:30

TCLP EXTRACTION LOGPAGE

PB167517

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
PB167517TB	LEB517	19	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q1743-04	TP-16	01	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1744-02	B-158-SB01	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1744-04	B-158-SB02	03	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q1745-04	IB-6A-WC	04	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1745-12	IB-6.5-WC	05	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1746-02	B-149-SB01	06	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1746-04	B-149-SB02	07	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q1748-04	IB-1.5-WC	08	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1748-08	IB-2A-WC	09	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1749-04	TP-14	10	100.04	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1752-02	TP-1	11	100.02	2000	N/A	N/A	N/A	5.8	1.0	T-2
Q1752-04	TP-2	12	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-2
Q1752-06	TP-3	13	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-2
Q1752-08	TP-4	14	100.03	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q1753-04	WC-1	15	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q1753-08	WC-2	16	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q1754-02	TP-1	17	100.03	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q1754-04	TP-1-CONCRETE	18	100.04	2000	N/A	N/A	N/A	8.6	1.5	T-2

04/09/25

12.40

LAB CHRONICLE

OrderID:	Q1746	OrderDate:	4/7/2025 12:00:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1746-01	B-149-SB01	SOIL			04/05/25			04/07/25
			PCB	8082A		04/08/25	04/08/25	
			TPH GC	8015D		04/08/25	04/08/25	
			EPH	NJEPH		04/08/25	04/10/25	
			EPH	NJEPH		04/08/25	04/11/25	
Q1746-02	B-149-SB01	TCLP			04/05/25			04/07/25
			TCLP Herbicide	8151A		04/09/25	04/10/25	
			TCLP Pesticide	8081B		04/09/25	04/09/25	
Q1746-03	B-149-SB02	SOIL			04/06/25			04/07/25
			PCB	8082A		04/08/25	04/08/25	
			TPH GC	8015D		04/08/25	04/08/25	
			EPH	NJEPH		04/08/25	04/10/25	
			EPH	NJEPH		04/08/25	04/11/25	
Q1746-04	B-149-SB02	TCLP			04/06/25			04/07/25
			TCLP Herbicide	8151A		04/09/25	04/10/25	
			TCLP Pesticide	8081B		04/09/25	04/09/25	
Q1746-05	B-158-GW01	Water			04/05/25			04/07/25
			EPH	NJEPH		04/09/25	04/09/25	
			EPH	NJEPH		04/09/25	04/10/25	
			PCB	8082A		04/08/25	04/08/25	
Q1746-05DL	B-158-GW01DL	Water			04/05/25			04/07/25
			EPH	NJEPH		04/09/25	04/10/25	
Q1746-06	B-149-GW01	WATER			04/06/25			04/07/25
			PCB	8082A		04/08/25	04/08/25	
			EPH	NJEPH		04/09/25	04/09/25	
			EPH	NJEPH		04/09/25	04/10/25	

LAB CHRONICLE

Q1746-07	EB-2025-4-7	WATER			04/07/25			04/07/25
			PCB	8082A		04/08/25	04/08/25	
			EPH	NJEPH		04/09/25	04/09/25	
			EPH	NJEPH		04/09/25	04/10/25	
