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

Hit Summary Sheet
SW-846

SDG No.: P4397 **Order ID:** P4397

Client: Portal Partners Tri-Venture **Project ID:** Amtrak Sawtooth Bridges 2024

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

Raw Data: **PL092605.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-BOT	SDG No.:	P4397
Lab Sample ID:	P4397-06	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
PL092605.D	1	10/22/24 10:10	10/24/24 13:49	PB164360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		30 (43) - 150 (140)	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		30 (77) - 150 (126)	88%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Raw Data: **PL092604.D**

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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/22/24
Client Sample ID:	PB164261TB	SDG No.:	P4397
Lab Sample ID:	PB164261TB	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
PL092604.D	1	10/22/24 10:10	10/24/24 13:36	PB164360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		30 (43) - 150 (140)	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		30 (77) - 150 (126)	96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL092494.D	PIBLK-PL092494.D	Decachlorobiphenyl	1	20	21.5	107		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	22.0	110		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.4	107		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	20.0	100		30 (77)	150 (126)
I.BLK-PL092589.D	PIBLK-PL092589.D	Decachlorobiphenyl	1	20	21.0	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	20.0	100		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	23.3	116		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.0	105		30 (77)	150 (126)
PB164360BL	PB164360BL	Decachlorobiphenyl	1	20	19.8	99		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.6	93		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.0	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.5	98		30 (77)	150 (126)
PB164261TB	PB164261TB	Decachlorobiphenyl	1	20	19.9	100		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	18.3	91		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.6	108		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	19.1	96		30 (77)	150 (126)
P4397-06	WB-301-BOT	Decachlorobiphenyl	1	20	20.6	103		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	17.5	88		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.6	108		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	16.6	83		30 (77)	150 (126)
P4397-06MS	WB-301-BOTMS	Decachlorobiphenyl	1	20	19.4	97		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	15.9	80		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	20.9	105		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	16.3	82		30 (77)	150 (126)
P4397-06MSD	WB-301-BOTMSD	Decachlorobiphenyl	1	20	19.9	100		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	16.5	83		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	21.6	108		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	16.5	83		30 (77)	150 (126)
I.BLK-PL092612.D	PIBLK-PL092612.D	Decachlorobiphenyl	1	20	22.3	111		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	21.4	107		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	23.4	117		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	22.1	111		30 (77)	150 (126)
I.BLK-PL092637.D	PIBLK-PL092637.D	Decachlorobiphenyl	1	20	22.1	110		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	19.9	100		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	24.4	122		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.6	108		30 (77)	150 (126)
PB164360BS	PB164360BS	Decachlorobiphenyl	1	20	17.7	88		30 (43)	150 (140)
		Tetrachloro-m-xylene	1	20	15.7	79		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	19.5	97		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	16.3	81		30 (77)	150 (126)
I.BLK-PL092649.D	PIBLK-PL092649.D	Decachlorobiphenyl	1	20	21.2	106		30 (43)	150 (140)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PL092649.D	PIBLK-PL092649.D	Tetrachloro-m-xylene	1	20	20.0	100		30 (77)	150 (126)
		Decachlorobiphenyl	2	20	22.2	111		30 (43)	150 (140)
		Tetrachloro-m-xylene	2	20	21.4	107		30 (77)	150 (126)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8081B **DataFile :** PL092606.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**WB-301-BOTMS**											
P4397-06MS	gamma-BHC (Lindane)	5	0	4.80	ug/L	96				30 (60)	150 (152)	
	Heptachlor	5	0	5.20	ug/L	104				30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.00	ug/L	100				30 (77)	150 (143)	
	Endrin	5	0	4.80	ug/L	96				30 (76)	150 (144)	
	Methoxychlor	5	0	5.20	ug/L	104				30 (70)	150 (142)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8081B **DataFile :** PL092607.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**WB-301-BOTMSD**											
P4397-06MSD	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		2		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.30	ug/L	106		2		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.10	ug/L	102		2		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.00	ug/L	100		4		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	5.30	ug/L	106		2		30 (70)	150 (142)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P4397

Client: Portal Partners Tri-Venture

Analytical Method: 8081B **Datafile :** PL092642.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164360BS	gamma-BHC (Lindane)	0.5	0.47	ug/L	93				40 (82)	140 (129)	
	Heptachlor	0.5	0.48	ug/L	95				40 (79)	140 (127)	
	Heptachlor epoxide	0.5	0.49	ug/L	98				40 (81)	140 (124)	
	Endrin	0.5	0.46	ug/L	93				40 (81)	140 (128)	
	Methoxychlor	0.5	0.52	ug/L	103				40 (78)	140 (108)	

( ) = LABORATORY INHOUSE LIMIT

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164360BL

Lab Name: CHEMTECH Contract: PORT06

Lab Code: CHEM Case No.: P4397 SAS No.: P4397 SDG NO.: P4397

Lab Sample ID: PB164360BL Lab File ID: PL092602.D

Matrix: (soil/water) water Extraction: (Type)

Sulfur Cleanup: (Y/N) N Date Extracted: 10/22/2024

Date Analyzed (1): 10/24/2024 Date Analyzed (2): 10/24/2024

Time Analyzed (1): 13:09 Time Analyzed (2): 13:09

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

GC Column (1): ZB-MR2 ID: 0.32 (mm) GC Column (2): ZB-MR1 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
PB164261TB	PB164261TB	PL092604.D	10/24/2024	10/24/2024
WB-301-BOT	P4397-06	PL092605.D	10/24/2024	10/24/2024
WB-301-BOTMS	P4397-06MS	PL092606.D	10/24/2024	10/24/2024
WB-301-BOTMSD	P4397-06MSD	PL092607.D	10/24/2024	10/24/2024
PB164360BS	PB164360BS	PL092642.D	10/25/2024	10/25/2024

COMMENTS:

QC SAMPLE DATA

Raw Data: **PL092602.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164360BL	SDG No.:	P4397
Lab Sample ID:	PB164360BL	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
PL092602.D	1	10/22/24 10:10	10/24/24 13:09	PB164360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		30 (77) - 150 (126)	98%	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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/21/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/21/24
Client Sample ID:	PIBLK-PL092494.D	SDG No.:	P4397
Lab Sample ID:	I.BLK-PL092494.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
PL092494.D	1		10/21/24	PL102124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.5		30 (43) - 150 (140)	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		30 (77) - 150 (126)	110%	SPK: 20

Comments:

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LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/24/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/24/24
Client Sample ID:	PIBLK-PL092589.D	SDG No.:	P4397
Lab Sample ID:	I.BLK-PL092589.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
PL092589.D	1		10/24/24	PL102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.3		30 (43) - 150 (140)	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.0		30 (77) - 150 (126)	105%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/24/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/24/24
Client Sample ID:	PIBLK-PL092612.D	SDG No.:	P4397
Lab Sample ID:	I.BLK-PL092612.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
PL092612.D	1		10/24/24	PL102424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.4		30 (43) - 150 (140)	117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		30 (77) - 150 (126)	111%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	PIBLK-PL092637.D	SDG No.:	P4397
Lab Sample ID:	I.BLK-PL092637.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
PL092637.D	1		10/25/24	PL102624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.4		30 (43) - 150 (140)	122%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		30 (77) - 150 (126)	108%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/25/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/25/24
Client Sample ID:	PIBLK-PL092649.D	SDG No.:	P4397
Lab Sample ID:	I.BLK-PL092649.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
PL092649.D	1		10/25/24	PL102624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.2		30 (43) - 150 (140)	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		30 (77) - 150 (126)	107%	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

Raw Data: **PL092642.D**

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	
Client Sample ID:	PB164360BS	SDG No.:	P4397
Lab Sample ID:	PB164360BS	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
PL092642.D	1	10/22/24 10:10	10/25/24 17:35	PB164360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.47		0.0049	0.050	ug/L
76-44-8	Heptachlor	0.48		0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.49		0.0090	0.050	ug/L
72-20-8	Endrin	0.46		0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.52		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (43) - 150 (140)	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.3		30 (77) - 150 (126)	81%	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

Raw Data: **PL092606.D**

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-BOTMS	SDG No.:	P4397
Lab Sample ID:	P4397-06MS	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
PL092606.D	1	10/22/24 10:10	10/24/24 14:03	PB164360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	4.80		0.049	0.50	ug/L
76-44-8	Heptachlor	5.20		0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.00		0.090	0.50	ug/L
72-20-8	Endrin	4.80		0.043	0.50	ug/L
72-43-5	Methoxychlor	5.20		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.3		30 (77) - 150 (126)	82%	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

Raw Data: **PL092607.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	10/10/24
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	10/11/24
Client Sample ID:	WB-301-BOTMSD	SDG No.:	P4397
Lab Sample ID:	P4397-06MSD	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
PL092607.D	1	10/22/24 10:10	10/24/24 14:16	PB164360

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	4.90		0.049	0.50	ug/L
76-44-8	Heptachlor	5.30		0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.10		0.090	0.50	ug/L
72-20-8	Endrin	5.00		0.043	0.50	ug/L
72-43-5	Methoxychlor	5.30		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		30 (43) - 150 (140)	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.5		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

CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Instrument ID: ECD_L **Calibration Date(s):** 10/21/2024 10/21/2024

Calibration Times: 13:00 13:53

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

LAB FILE ID: RT 100 = PL092497.D RT 075 = PL092498.D

RT 050 = PL092499.D RT 025 = PL092500.D RT 005 = PL092501.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.06	9.06	9.06	9.05	9.06	9.06	8.96	9.16
Endrin	6.57	6.58	6.57	6.57	6.57	6.57	6.47	6.67
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor	4.92	4.92	4.92	4.92	4.92	4.92	4.82	5.02
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	3.54	3.54	3.54	3.44	3.64

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Instrument ID: ECD_L **Calibration Date(s):** 10/21/2024 10/21/2024

Calibration Times: 13:00 13:53

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

LAB FILE ID: RT 100 = PL092497.D RT 075 = PL092498.D

RT 050 = PL092499.D RT 025 = PL092500.D RT 005 = PL092501.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	7.92	7.92	7.92	7.92	7.92	7.92	7.82	8.02
Endrin	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
gamma-BHC (Lindane)	3.61	3.61	3.61	3.61	3.61	3.61	3.51	3.71
Heptachlor	3.95	3.95	3.95	3.95	3.95	3.95	3.85	4.05
Heptachlor epoxide	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Methoxychlor	6.62	6.62	6.62	6.62	6.62	6.62	6.52	6.72
Tetrachloro-m-xylene	2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Instrument ID: ECD_L **Calibration Date(s):** 10/21/2024 10/21/2024

Calibration Times: 13:00 13:53

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

LAB FILE ID: **CF 100 =** PL092497.D **CF 075 =** PL092498.D

CF 050 = PL092499.D **CF 025 =** PL092500.D **CF 005 =** PL092501.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	1893630000	1911900000	1968460000	2071700000	2310050000	2031150000	8
Endrin	2580620000	2625010000	2734790000	2924540000	3253750000	2823740000	10
gamma-BHC (Lindane)	3651940000	3672710000	3751070000	3836830000	4321280000	3846770000	7
Heptachlor	3266860000	3307900000	3429100000	3569740000	4155000000	3545720000	10
Heptachlor epoxide	3004670000	3040630000	3248410000	3443240000	3866730000	3320740000	11
Methoxychlor	1148350000	1158380000	1214430000	1185540000	1181850000	1177710000	2
Tetrachloro-m-xylene	2537390000	2552890000	2586960000	2724730000	3067200000	2693840000	8

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Instrument ID: ECD_L **Calibration Date(s):** 10/21/2024 10/21/2024

Calibration Times: 13:00 13:53

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

LAB FILE ID: **CF 100 =** PL092497.D **CF 075 =** PL092498.D

CF 050 = PL092499.D **CF 025 =** PL092500.D **CF 005 =** PL092501.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2533020000	2508980000	2598990000	2640650000	2893220000	2634970000	6
Endrin	3096230000	3113840000	3236910000	3364340000	3563230000	3274910000	6
gamma-BHC (Lindane)	4098710000	4055410000	4107080000	4122620000	4206290000	4118020000	1
Heptachlor	3908940000	3891170000	3959270000	3983440000	4335990000	4015760000	5
Heptachlor epoxide	3409250000	3412120000	3473550000	3502030000	3820750000	3523540000	5
Methoxychlor	1383990000	1380180000	1398790000	1408970000	1517400000	1417870000	4
Tetrachloro-m-xylene	2710240000	2704020000	2735270000	2751220000	2986460000	2777440000	4

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Instrument ID: ECD_L **Date(s) Analyzed:** 10/21/2024 10/21/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.70	4.60	4.80	131573000
		2	5.23	5.13	5.33	132167000
		3	5.94	5.84	6.04	463083000
		4	6.02	5.92	6.12	554260000
		5	6.87	6.77	6.97	113944000
Toxaphene	500	1	6.24	6.14	6.34	26646900
		2	6.44	6.34	6.54	15596100
		3	7.06	6.96	7.16	86692500
		4	7.15	7.05	7.25	69480900
		5	7.94	7.84	8.04	48743400

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Instrument ID: ECD_L **Date(s) Analyzed:** 10/21/2024 10/21/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.78	3.68	3.88	116522000
		2	4.35	4.25	4.45	143580000
		3	4.98	4.88	5.08	384632000
		4	5.05	4.95	5.15	372850000
		5	5.94	5.84	6.04	146962000
Toxaphene	500	1	5.01	4.91	5.11	24468000
		2	5.33	5.23	5.43	24010200
		3	6.61	6.51	6.71	70676500
		4	6.73	6.63	6.83	82521800
		5	7.05	6.95	7.15	83166000

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Continuing Calib Date: 10/24/2024 **Initial Calibration Date(s):** 10/21/2024 10/21/2024

Continuing Calib Time: 10:19 **Initial Calibration Time(s):** 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.68	5.68	5.58	5.78	0.00
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Continuing Calib Date: 10/24/2024 **Initial Calibration Date(s):** 10/21/2024 10/21/2024

Continuing Calib Time: 10:19 **Initial Calibration Time(s):** 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endrin	5.64	5.64	5.54	5.74	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/24/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092591.D **Time Analyzed:** 10:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.057	8.955	9.155	51.250	50.000	2.5
Endrin	6.576	6.474	6.674	44.700	50.000	-10.6
gamma-BHC (Lindane)	4.330	4.227	4.427	48.930	50.000	-2.1
Heptachlor	4.918	4.815	5.015	47.520	50.000	-5.0
Heptachlor epoxide	5.684	5.583	5.783	46.660	50.000	-6.7
Methoxychlor	7.501	7.400	7.600	51.960	50.000	3.9
Tetrachloro-m-xylene	3.541	3.438	3.638	51.820	50.000	3.6

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No.: CCAL01 **Date Analyzed:** 10/24/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092591.D **Time Analyzed:** 10:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.918	7.817	8.017	58.240	50.000	16.5
Endrin	5.643	5.541	5.741	53.080	50.000	6.2
gamma-BHC (Lindane)	3.612	3.510	3.710	56.090	50.000	12.2
Heptachlor	3.951	3.849	4.049	56.020	50.000	12.0
Heptachlor epoxide	4.733	4.631	4.831	55.710	50.000	11.4
Methoxychlor	6.616	6.515	6.715	58.450	50.000	16.9
Tetrachloro-m-xylene	2.779	2.677	2.877	56.670	50.000	13.3

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Continuing Calib Date: 10/24/2024 **Initial Calibration Date(s):** 10/21/2024 10/21/2024

Continuing Calib Time: 17:20 **Initial Calibration Time(s):** 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.55	3.54	3.44	3.64	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.92	4.92	4.82	5.02	0.00
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

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Continuing Calib Date: 10/24/2024 **Initial Calibration Date(s):** 10/21/2024 10/21/2024

Continuing Calib Time: 17:20 **Initial Calibration Time(s):** 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Heptachlor epoxide	4.74	4.73	4.63	4.83	-0.01
Endrin	5.65	5.64	5.54	5.74	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/24/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092613.D **Time Analyzed:** 17:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.061	8.955	9.155	49.250	50.000	-1.5
Endrin	6.582	6.474	6.674	42.050	50.000	-15.9
gamma-BHC (Lindane)	4.335	4.227	4.427	46.560	50.000	-6.9
Heptachlor	4.922	4.815	5.015	45.870	50.000	-8.3
Heptachlor epoxide	5.690	5.583	5.783	43.230	50.000	-13.5
Methoxychlor	7.506	7.400	7.600	51.180	50.000	2.4
Tetrachloro-m-xylene	3.547	3.438	3.638	49.340	50.000	-1.3

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No.: CCAL02 **Date Analyzed:** 10/24/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092613.D **Time Analyzed:** 17:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.920	7.817	8.017	53.280	50.000	6.6
Endrin	5.645	5.541	5.741	51.590	50.000	3.2
gamma-BHC (Lindane)	3.613	3.510	3.710	53.810	50.000	7.6
Heptachlor	3.952	3.849	4.049	53.550	50.000	7.1
Heptachlor epoxide	4.735	4.631	4.831	53.230	50.000	6.5
Methoxychlor	6.619	6.515	6.715	56.150	50.000	12.3
Tetrachloro-m-xylene	2.779	2.677	2.877	54.610	50.000	9.2

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/21/2024 10/21/2024

Continuing Calib Time: 15:49 **Initial Calibration Time(s):** 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	0.00
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/21/2024 10/21/2024

Continuing Calib Time: 15:49 **Initial Calibration Time(s):** 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endrin	5.64	5.64	5.54	5.74	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No.: CCAL03 **Date Analyzed:** 10/25/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092639.D **Time Analyzed:** 15:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.057	8.955	9.155	51.240	50.000	2.5
Endrin	6.577	6.474	6.674	43.260	50.000	-13.5
gamma-BHC (Lindane)	4.330	4.227	4.427	47.880	50.000	-4.2
Heptachlor	4.917	4.815	5.015	46.560	50.000	-6.9
Heptachlor epoxide	5.685	5.583	5.783	45.530	50.000	-8.9
Methoxychlor	7.501	7.400	7.600	51.890	50.000	3.8
Tetrachloro-m-xylene	3.541	3.438	3.638	50.750	50.000	1.5

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No.: CCAL03 **Date Analyzed:** 10/25/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092639.D **Time Analyzed:** 15:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.918	7.817	8.017	58.290	50.000	16.6
Endrin	5.643	5.541	5.741	53.930	50.000	7.9
gamma-BHC (Lindane)	3.612	3.510	3.710	55.850	50.000	11.7
Heptachlor	3.951	3.849	4.049	54.990	50.000	10.0
Heptachlor epoxide	4.734	4.631	4.831	54.980	50.000	10.0
Methoxychlor	6.617	6.515	6.715	57.220	50.000	14.4
Tetrachloro-m-xylene	2.779	2.677	2.877	56.350	50.000	12.7

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/21/2024 10/21/2024

Continuing Calib Time: 19:49 **Initial Calibration Time(s):** 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.06	9.06	8.96	9.16	0.00
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Continuing Calib Date: 10/25/2024 **Initial Calibration Date(s):** 10/21/2024 10/21/2024

Continuing Calib Time: 19:49 **Initial Calibration Time(s):** 13:00 13:53

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endrin	5.64	5.64	5.54	5.74	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No.: CCAL04 **Date Analyzed:** 10/25/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092650.D **Time Analyzed:** 19:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.058	8.955	9.155	49.750	50.000	-0.5
Endrin	6.577	6.474	6.674	41.530	50.000	-16.9
gamma-BHC (Lindane)	4.330	4.227	4.427	46.750	50.000	-6.5
Heptachlor	4.918	4.815	5.015	45.090	50.000	-9.8
Heptachlor epoxide	5.686	5.583	5.783	43.960	50.000	-12.1
Methoxychlor	7.501	7.400	7.600	49.670	50.000	-0.7
Tetrachloro-m-xylene	3.541	3.438	3.638	49.590	50.000	-0.8

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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No.: CCAL04 **Date Analyzed:** 10/25/2024

Lab Sample No.: PSTDCCC050 **Data File :** PL092650.D **Time Analyzed:** 19:49

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.918	7.817	8.017	54.870	50.000	9.7
Endrin	5.644	5.541	5.741	51.490	50.000	3.0
gamma-BHC (Lindane)	3.612	3.510	3.710	54.770	50.000	9.5
Heptachlor	3.951	3.849	4.049	53.610	50.000	7.2
Heptachlor epoxide	4.734	4.631	4.831	54.180	50.000	8.4
Methoxychlor	6.617	6.515	6.715	53.570	50.000	7.1
Tetrachloro-m-xylene	2.779	2.677	2.877	55.300	50.000	10.6

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092495.D **Date Analyzed:** 10/21/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:33

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.056	8.960	9.160	19.690	20.000	-1.6
Tetrachloro-m-xylene	3.539	3.490	3.590	19.690	20.000	-1.6
alpha-BHC	3.995	3.940	4.050	10.390	10.000	3.9
beta-BHC	4.525	4.470	4.580	9.750	10.000	-2.5
gamma-BHC (Lindane)	4.327	4.280	4.380	9.890	10.000	-1.1
Endrin	6.575	6.500	6.650	44.220	50.000	-11.6
4,4'-DDT	7.025	6.950	7.100	91.010	100.000	-9.0
Methoxychlor	7.501	7.430	7.570	222.860	250.000	-10.9

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092495.D **Date Analyzed:** 10/21/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 12:33

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.918	7.820	8.020	19.360	20.000	-3.2
Tetrachloro-m-xylene	2.777	2.730	2.830	19.090	20.000	-4.6
alpha-BHC	3.280	3.230	3.330	9.580	10.000	-4.2
beta-BHC	3.910	3.860	3.960	11.410	10.000	14.1
gamma-BHC (Lindane)	3.610	3.560	3.660	9.570	10.000	-4.3
Endrin	5.642	5.570	5.710	45.220	50.000	-9.6
4,4'-DDT	6.041	5.970	6.110	97.030	100.000	-3.0
Methoxychlor	6.616	6.550	6.690	226.150	250.000	-9.5

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092590.D **Date Analyzed:** 10/24/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:06

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.058	8.960	9.160	19.320	20.000	-3.4
Tetrachloro-m-xylene	3.541	3.490	3.590	19.300	20.000	-3.5
alpha-BHC	3.997	3.950	4.050	9.060	10.000	-9.4
beta-BHC	4.527	4.480	4.580	10.490	10.000	4.9
gamma-BHC (Lindane)	4.329	4.280	4.380	9.110	10.000	-8.9
Endrin	6.577	6.510	6.650	36.800	50.000	-26.4
4,4'-DDT	7.026	6.960	7.100	80.280	100.000	-19.7
Methoxychlor	7.503	7.430	7.570	215.310	250.000	-13.9

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092590.D **Date Analyzed:** 10/24/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 10:06

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.918	7.820	8.020	21.540	20.000	7.7
Tetrachloro-m-xylene	2.779	2.730	2.830	19.600	20.000	-2.0
alpha-BHC	3.282	3.230	3.330	9.140	10.000	-8.6
beta-BHC	3.911	3.860	3.960	10.700	10.000	7.0
gamma-BHC (Lindane)	3.612	3.560	3.660	8.890	10.000	-11.1
Endrin	5.643	5.570	5.710	43.270	50.000	-13.5
4,4'-DDT	6.041	5.970	6.110	98.890	100.000	-1.1
Methoxychlor	6.616	6.550	6.690	247.330	250.000	-1.1

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PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092638.D **Date Analyzed:** 10/25/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 15:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.059	8.960	9.160	19.520	20.000	-2.4
Tetrachloro-m-xylene	3.542	3.490	3.590	18.900	20.000	-5.5
alpha-BHC	3.998	3.950	4.050	8.890	10.000	-11.1
beta-BHC	4.528	4.480	4.580	10.650	10.000	6.5
gamma-BHC (Lindane)	4.330	4.280	4.380	8.960	10.000	-10.4
Endrin	6.576	6.510	6.650	36.770	50.000	-26.5
4,4'-DDT	7.027	6.960	7.100	77.380	100.000	-22.6
Methoxychlor	7.503	7.430	7.570	208.950	250.000	-16.4

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2024 10/21/2024

Client Sample No. (PEM): PEM - PL092638.D **Date Analyzed:** 10/25/2024

Lab Sample No.(PEM): PEM **Time Analyzed:** 15:22

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.919	7.820	8.020	21.610	20.000	8.1
Tetrachloro-m-xylene	2.781	2.730	2.830	19.830	20.000	-0.9
alpha-BHC	3.283	3.230	3.330	9.010	10.000	-9.9
beta-BHC	3.913	3.860	3.960	10.290	10.000	2.9
gamma-BHC (Lindane)	3.613	3.560	3.660	8.840	10.000	-11.6
Endrin	5.644	5.570	5.710	44.220	50.000	-11.6
4,4'-DDT	6.042	5.970	6.110	99.500	100.000	-0.5
Methoxychlor	6.617	6.550	6.690	246.500	250.000	-1.4

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Fax : 908 789 8922

Analytical Sequence

Client: Portal Partners Tri-Venture **SDG No.:** P4397

Project: Amtrak Sawtooth Bridges 2024 **Instrument ID:** ECD_L

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2024 10/21/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/21/2024	12:19	PL092494.D	9.06	3.54
PEM	PEM	10/21/2024	12:33	PL092495.D	9.06	3.54
RESCHK	RESCHK	10/21/2024	12:46	PL092496.D	9.06	3.54
PSTDICC100	PSTDICC100	10/21/2024	13:00	PL092497.D	9.06	3.54
PSTDICC075	PSTDICC075	10/21/2024	13:13	PL092498.D	9.06	3.54
PSTDICC050	PSTDICC050	10/21/2024	13:26	PL092499.D	9.06	3.54
PSTDICC025	PSTDICC025	10/21/2024	13:40	PL092500.D	9.05	3.54
PSTDICC005	PSTDICC005	10/21/2024	13:53	PL092501.D	9.06	3.54
PCHLORICC500	PCHLORICC500	10/21/2024	14:33	PL092504.D	9.06	3.54
PTOXICC500	PTOXICC500	10/21/2024	15:40	PL092509.D	9.06	3.54
I.BLK	I.BLK	10/24/2024	09:53	PL092589.D	9.06	3.54
PEM	PEM	10/24/2024	10:06	PL092590.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/24/2024	10:19	PL092591.D	9.06	3.54
PB164360BL	PB164360BL	10/24/2024	13:09	PL092602.D	9.06	3.54
PB164261TB	PB164261TB	10/24/2024	13:36	PL092604.D	9.06	3.54
WB-301-BOT	P4397-06	10/24/2024	13:49	PL092605.D	9.06	3.54
WB-301-BOTMS	P4397-06MS	10/24/2024	14:03	PL092606.D	9.06	3.54
WB-301-BOTMSD	P4397-06MSD	10/24/2024	14:16	PL092607.D	9.06	3.54
I.BLK	I.BLK	10/24/2024	16:48	PL092612.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/24/2024	17:20	PL092613.D	9.06	3.55
I.BLK	I.BLK	10/25/2024	15:08	PL092637.D	9.06	3.54
PEM	PEM	10/25/2024	15:22	PL092638.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/25/2024	15:49	PL092639.D	9.06	3.54
PB164360BS	PB164360BS	10/25/2024	17:35	PL092642.D	9.06	3.55
I.BLK	I.BLK	10/25/2024	19:09	PL092649.D	9.06	3.54
PSTDCCC050	PSTDCCC050	10/25/2024	19:49	PL092650.D	9.06	3.54

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Analytical Sequence

Client: Portal Partners Tri-Venture **SDG No.:** P4397

Project: Amtrak Sawtooth Bridges 2024 **Instrument ID:** ECD_L

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2024 10/21/2024

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	10/21/2024	12:19	PL092494.D	7.92	2.78
PEM	PEM	10/21/2024	12:33	PL092495.D	7.92	2.78
RESCHK	RESCHK	10/21/2024	12:46	PL092496.D	7.92	2.78
PSTDICC100	PSTDICC100	10/21/2024	13:00	PL092497.D	7.92	2.78
PSTDICC075	PSTDICC075	10/21/2024	13:13	PL092498.D	7.92	2.78
PSTDICC050	PSTDICC050	10/21/2024	13:26	PL092499.D	7.92	2.78
PSTDICC025	PSTDICC025	10/21/2024	13:40	PL092500.D	7.92	2.78
PSTDICC005	PSTDICC005	10/21/2024	13:53	PL092501.D	7.92	2.78
PCHLORICC500	PCHLORICC500	10/21/2024	14:33	PL092504.D	7.92	2.78
PTOXICC500	PTOXICC500	10/21/2024	15:40	PL092509.D	7.92	2.78
I.BLK	I.BLK	10/24/2024	09:53	PL092589.D	7.92	2.78
PEM	PEM	10/24/2024	10:06	PL092590.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/24/2024	10:19	PL092591.D	7.92	2.78
PB164360BL	PB164360BL	10/24/2024	13:09	PL092602.D	7.92	2.78
PB164261TB	PB164261TB	10/24/2024	13:36	PL092604.D	7.92	2.78
WB-301-BOT	P4397-06	10/24/2024	13:49	PL092605.D	7.92	2.78
WB-301-BOTMS	P4397-06MS	10/24/2024	14:03	PL092606.D	7.92	2.78
WB-301-BOTMSD	P4397-06MSD	10/24/2024	14:16	PL092607.D	7.92	2.78
I.BLK	I.BLK	10/24/2024	16:48	PL092612.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/24/2024	17:20	PL092613.D	7.92	2.78
I.BLK	I.BLK	10/25/2024	15:08	PL092637.D	7.92	2.78
PEM	PEM	10/25/2024	15:22	PL092638.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/25/2024	15:49	PL092639.D	7.92	2.78
PB164360BS	PB164360BS	10/25/2024	17:35	PL092642.D	7.92	2.78
I.BLK	I.BLK	10/25/2024	19:09	PL092649.D	7.92	2.78
PSTDCCC050	PSTDCCC050	10/25/2024	19:49	PL092650.D	7.92	2.78

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164360BS

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Lab Sample ID: PB164360BS **Date(s) Analyzed:** 10/25/2024 10/25/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.51	7.46	7.56	0.47	8.6
	2	6.62	6.57	6.67	0.52	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.41	13.1
	2	3.61	3.56	3.66	0.47	
Heptachlor	1	4.92	4.87	4.97	0.41	14.9
	2	3.95	3.90	4.00	0.48	
Heptachlor epoxide	1	5.69	5.64	5.74	0.41	18.3
	2	4.74	4.69	4.79	0.49	
Endrin	1	6.58	6.53	6.63	0.39	18.3
	2	5.65	5.60	5.70	0.46	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-301-BOTMS

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Lab Sample ID: P4397-06MS **Date(s) Analyzed:** 10/24/2024 10/24/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	4.90	5.9
	2	6.62	6.57	6.67	5.20	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.10	15.7
	2	3.61	3.56	3.66	4.80	
Heptachlor	1	4.92	4.87	4.97	4.30	18.9
	2	3.95	3.90	4.00	5.20	
Heptachlor epoxide	1	5.69	5.64	5.74	4.10	19.8
	2	4.73	4.68	4.78	5.00	
Endrin	1	6.58	6.53	6.63	4.00	18.2
	2	5.64	5.59	5.69	4.80	

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COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-301-BOTMSD

Contract: PORT06

Lab Code: CHEM **Case No.:** P4397 **SAS No.:** P4397 **SDG NO.:** P4397

Lab Sample ID: P4397-06MSD **Date(s) Analyzed:** 10/24/2024 10/24/2024

Instrument ID (1): ECD_L **Instrument ID (2):** ECD_L

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

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.50	7.45	7.55	5.00	5.8
	2	6.62	6.57	6.67	5.30	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.20	15.4
	2	3.61	3.56	3.66	4.90	
Heptachlor	1	4.92	4.87	4.97	4.40	18.6
	2	3.95	3.90	4.00	5.30	
Heptachlor epoxide	1	5.69	5.64	5.74	4.10	21.7
	2	4.73	4.68	4.78	5.10	
Endrin	1	6.58	6.53	6.63	4.10	19.8
	2	5.64	5.59	5.69	5.00	

SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 13:49
Operator : AR\AJ
Sample : P4397-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WB-301-BOT

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:16:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.540	2.778	47159397	46099909	17.506m	16.598m
28)	SA Decachlor...	9.058	7.919	41773159	56817305	20.566	21.563
	Target Compounds						

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

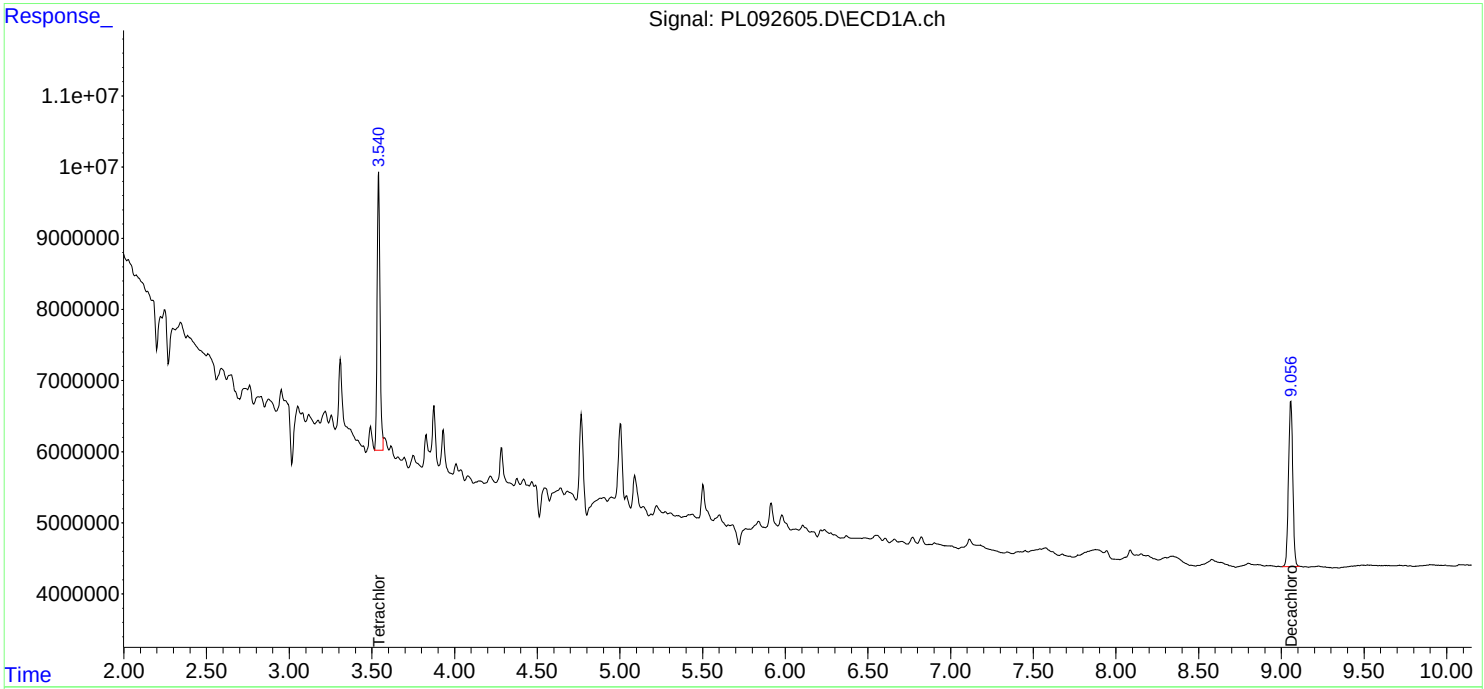
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 13:49
Operator : AR\AJ
Sample : P4397-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

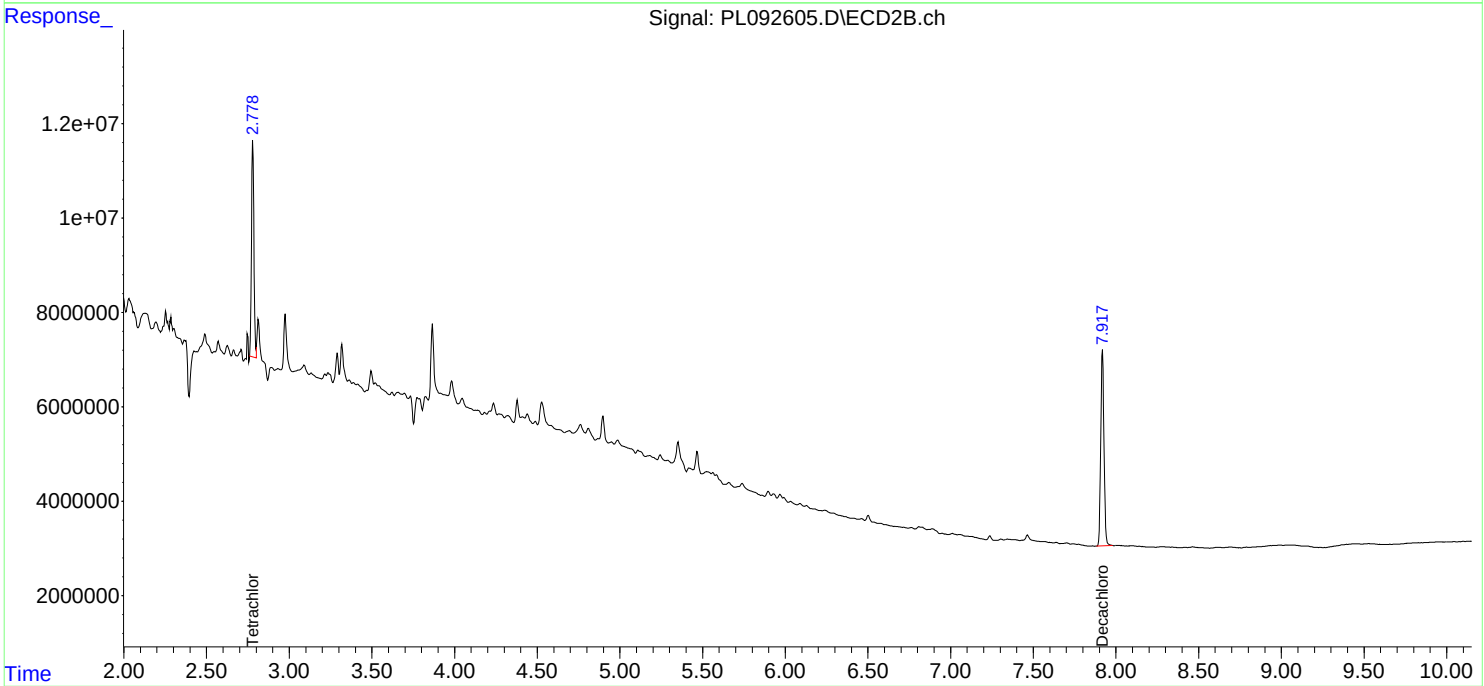
Instrument :
ECD_L
ClientSampleId :
WB-301-BOT

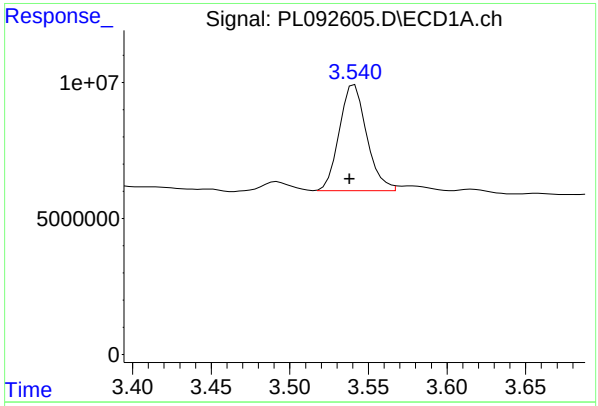
Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:16:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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







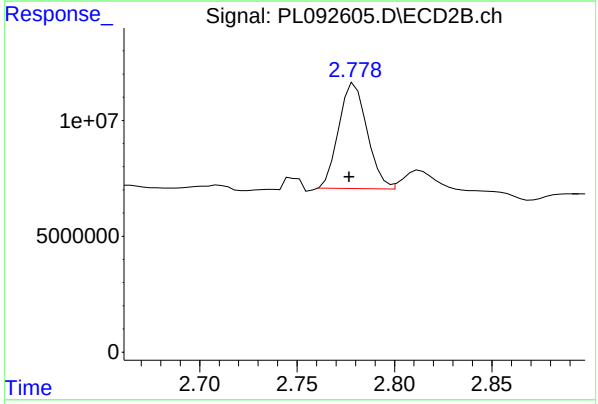
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 mi
Response: 47159397
Conc: 17.51 ng/m

Instrument :
ECD_L
ClientSampleId :
WB-301-BOT

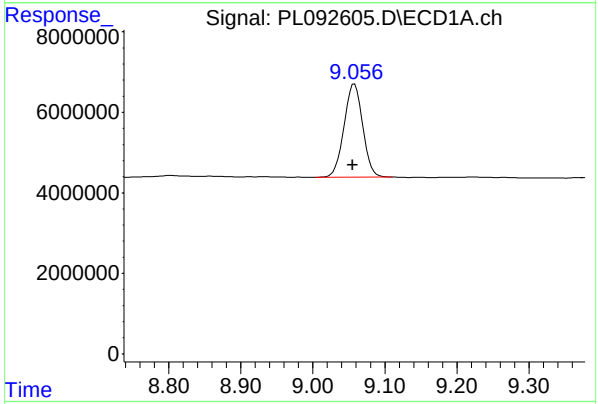
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024



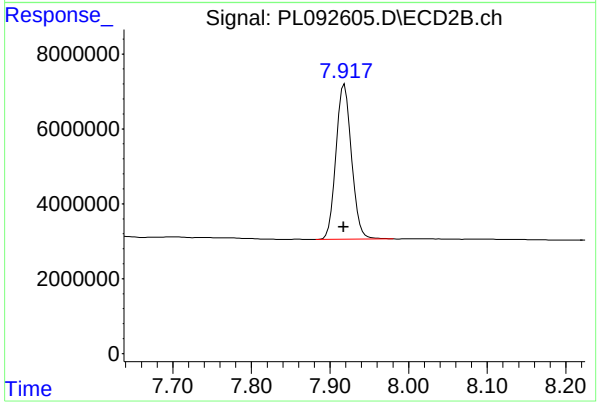
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.001 min
Response: 46099909
Conc: 16.60 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 41773159
Conc: 20.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min
Delta R.T.: 0.001 min
Response: 56817305
Conc: 21.56 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 13:36
Operator : AR\AJ
Sample : PB164261TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB164261TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:15:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.541	2.779	49274453	53074312	18.292	19.109
28)	SA Decachlor...	9.056	7.918	40501733	56815075	19.940	21.562
	Target Compounds						

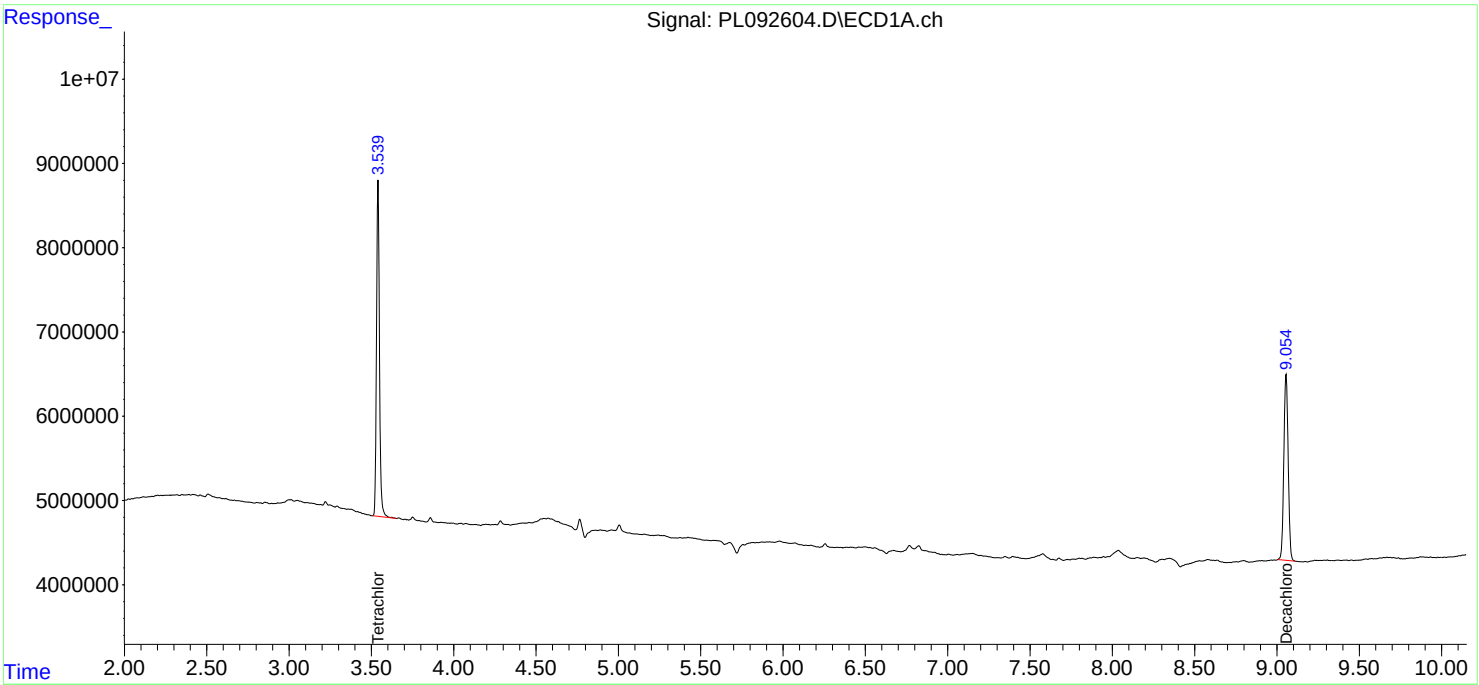
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

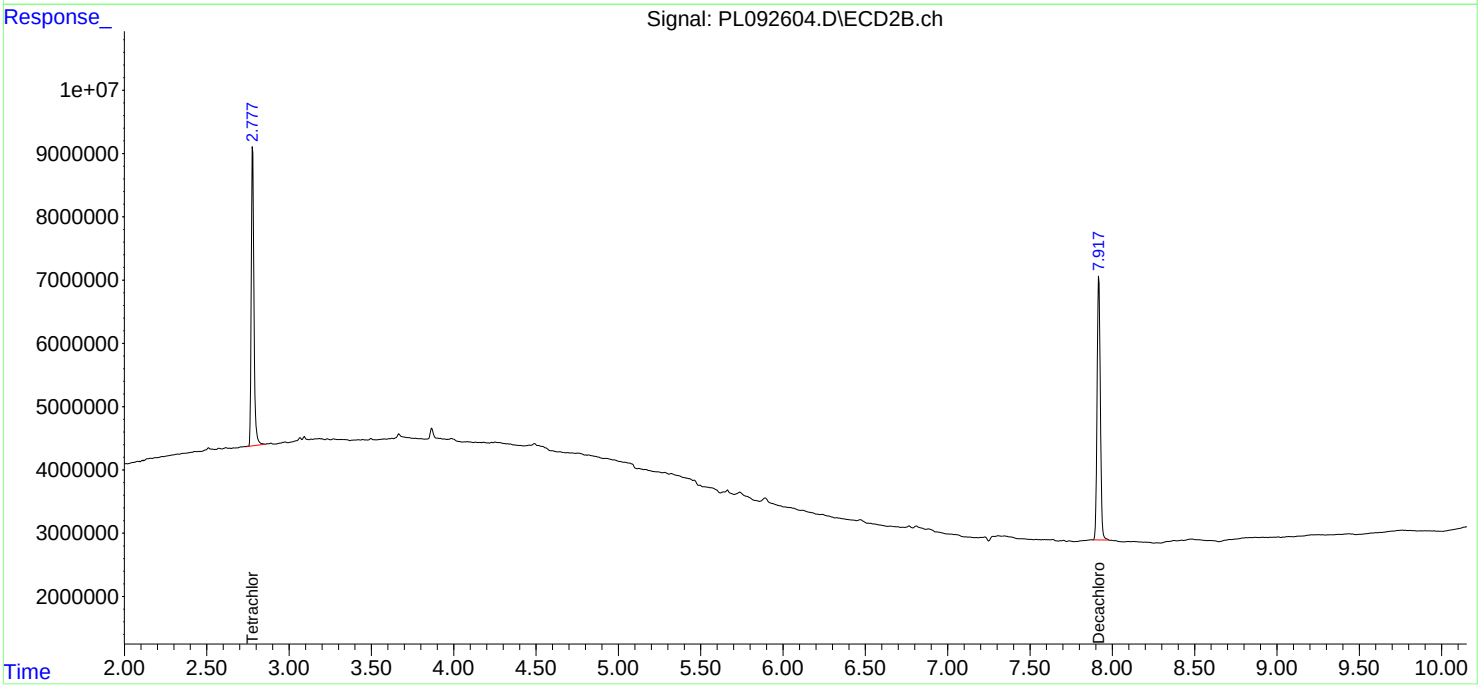
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 13:36
Operator : AR\AJ
Sample : PB164261TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

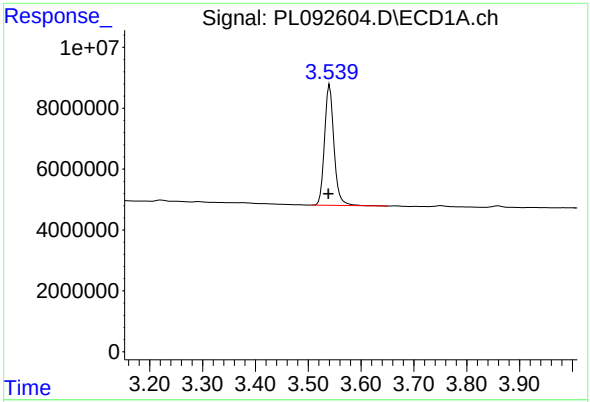
Instrument :
ECD_L
ClientSampleId :
PB164261TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:15:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



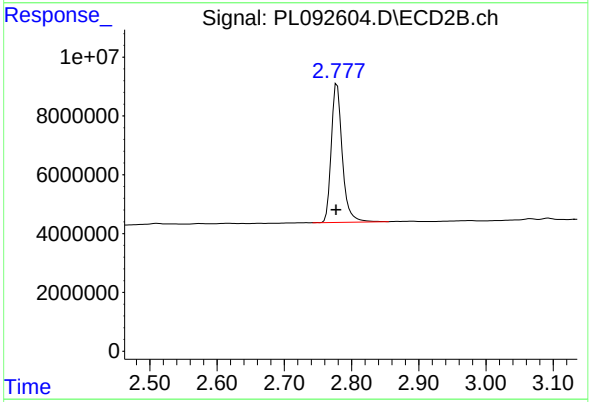




#1 Tetrachloro-m-xylene

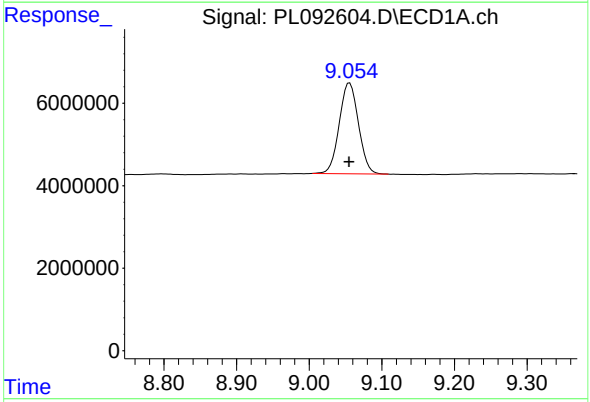
R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 49274453
Conc: 18.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164261TB



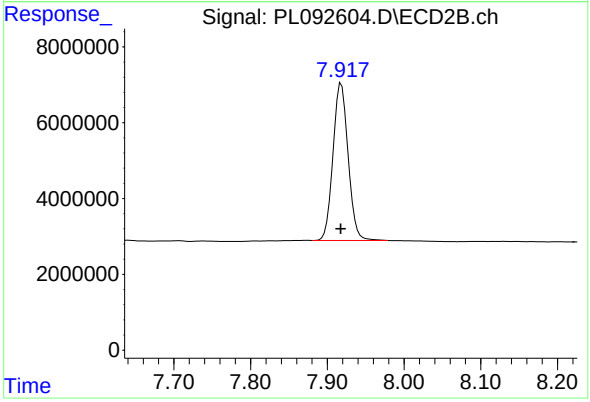
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.002 min
Response: 53074312
Conc: 19.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 40501733
Conc: 19.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 56815075
Conc: 21.56 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 13:09
Operator : AR\AJ
Sample : PB164360BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB164360BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:13:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.541	2.778	50081230	54157855	18.591	19.499
28)	SA Decachlor...	9.057	7.918	40145227	55397651	19.765	21.024
	Target Compounds						

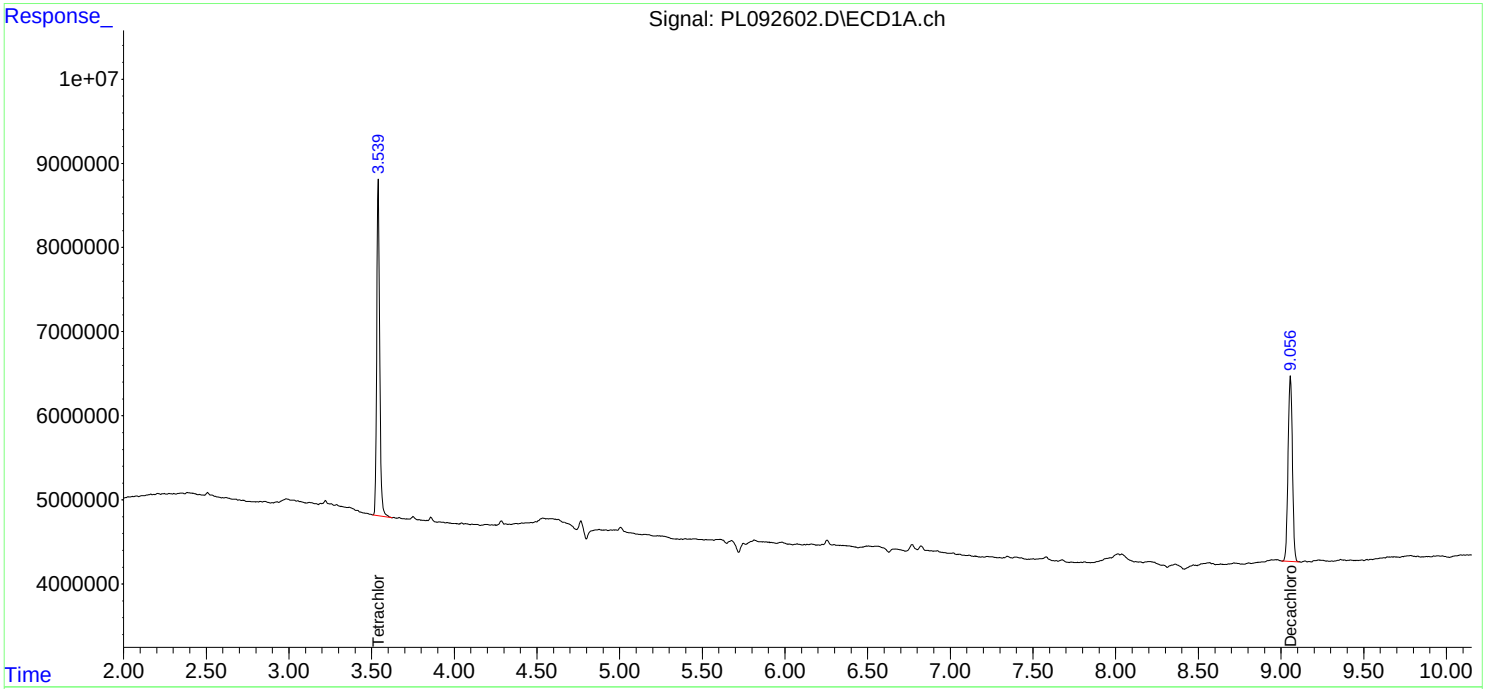
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

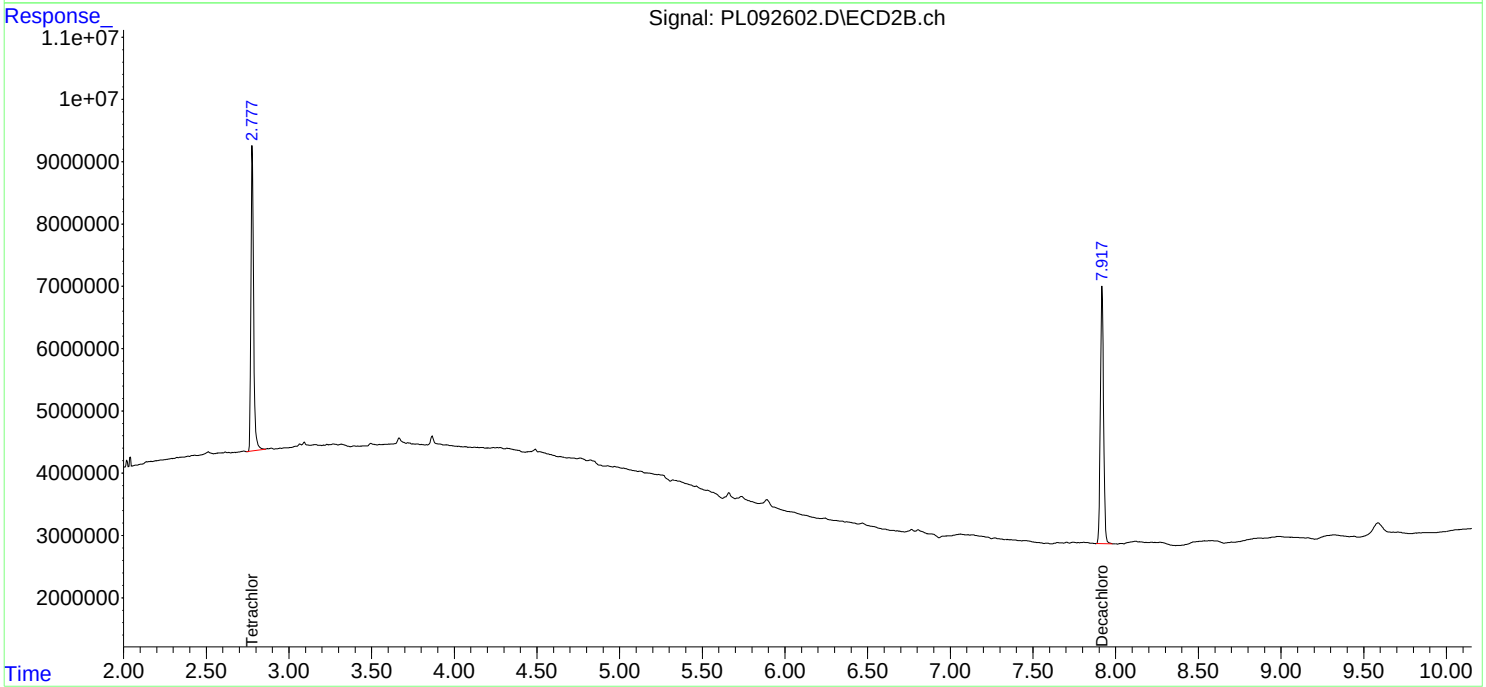
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 13:09
Operator : AR\AJ
Sample : PB164360BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

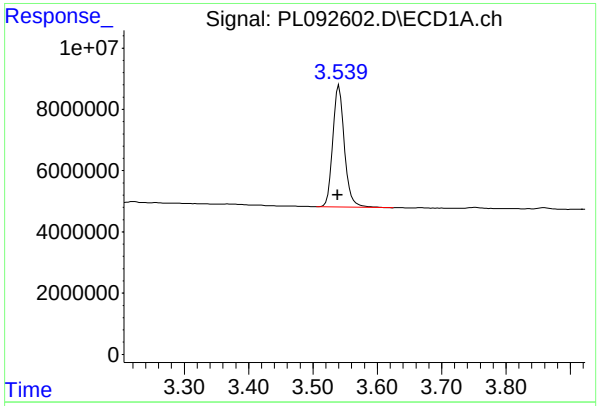
Instrument :
ECD_L
ClientSampleId :
PB164360BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:13:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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



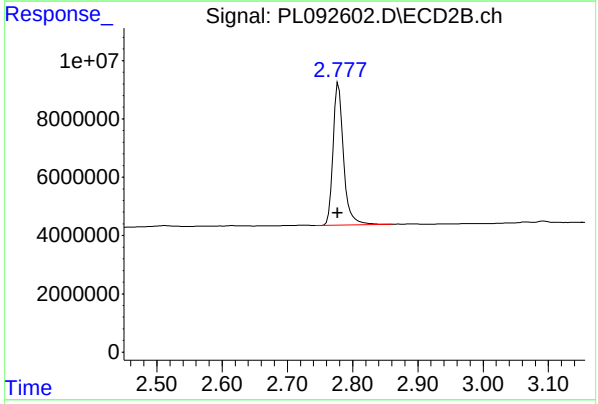




#1 Tetrachloro-m-xylene

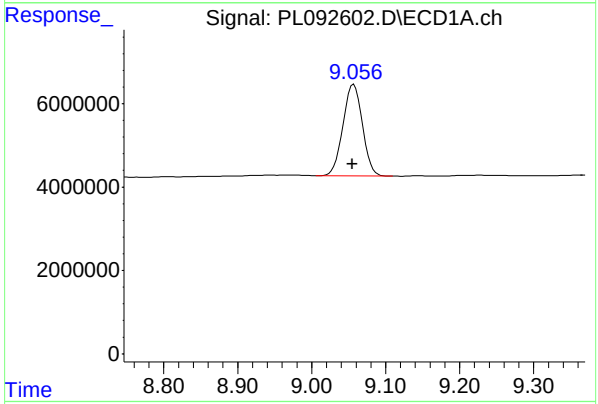
R.T.: 3.541 min
Delta R.T.: 0.003 min
Response: 50081230
Conc: 18.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164360BL



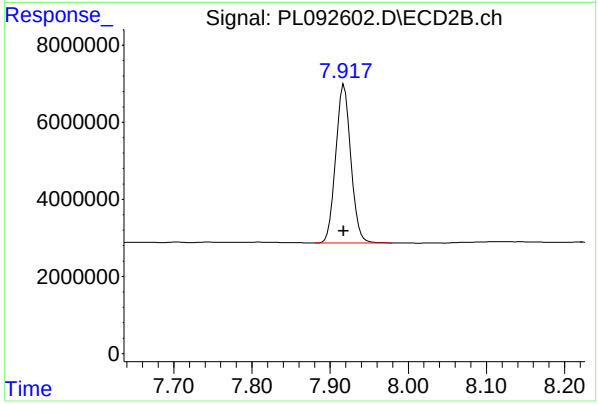
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.002 min
Response: 54157855
Conc: 19.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.002 min
Response: 40145227
Conc: 19.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 55397651
Conc: 21.02 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102624\
Data File : PL092642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 17:35
Operator : AR\AJ
Sample : PB164360BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB164360BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 22:41:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.546	2.778	42313207	45159243	15.707	16.259m
28)	SA Decachlor...	9.064	7.921	35901416	51282928	17.675	19.462
	Target Compounds						
2)	A alpha-BHC	4.003	3.283	163.4E6	197.6E6	39.640	45.802
3)	MA gamma-BHC...	4.334	3.613	157.0E6	191.7E6	40.806m	46.542
4)	MA Heptachlor	4.923	3.952	145.6E6	191.5E6	41.058m	47.677
5)	MB Aldrin	5.264	4.232	143.4E6	184.9E6	38.975m	46.510
6)	B beta-BHC	4.533	3.913	69532257	83079755	44.792	47.584
7)	B delta-BHC	4.778	4.142	155.5E6	194.5E6	41.341m	46.230
8)	B Heptachlo...	5.692	4.735	135.2E6	172.3E6	40.702	48.894
9)	A Endosulfan I	6.078	5.105	122.6E6	157.1E6	40.594	49.370
10)	B gamma-Chl...	5.948	4.984	132.1E6	172.3E6	40.075	46.844
11)	B alpha-Chl...	6.027	5.049	130.4E6	170.1E6	40.035	47.855
12)	B 4,4'-DDE	6.200	5.238	117.7E6	166.7E6	39.697	47.942
13)	MA Dieldrin	6.352	5.369	129.8E6	173.0E6	39.918	47.327
14)	MA Endrin	6.582	5.645	109.0E6	151.8E6	38.589	46.361
15)	B Endosulfa...	6.801	5.940	115.7E6	147.4E6	40.874	47.142
16)	A 4,4'-DDD	6.717	5.793	99520319	133.1E6	41.193	47.919
17)	MA 4,4'-DDT	7.031	6.043	101.5E6	136.4E6	41.171	46.454
18)	B Endrin al...	6.931	6.119	92358191	117.8E6	43.237	47.941
19)	B Endosulfa...	7.166	6.341	107.0E6	140.0E6	42.336	47.372
20)	A Methoxychlor	7.505	6.618	55812964	73254812	47.391m	51.665
21)	B Endrin ke...	7.651	6.847	120.3E6	159.8E6	43.739	49.744
22)	Mirex	8.124	7.026	94719587	131.2E6	45.394	50.195m

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

Sample Results: **PL092642.D**

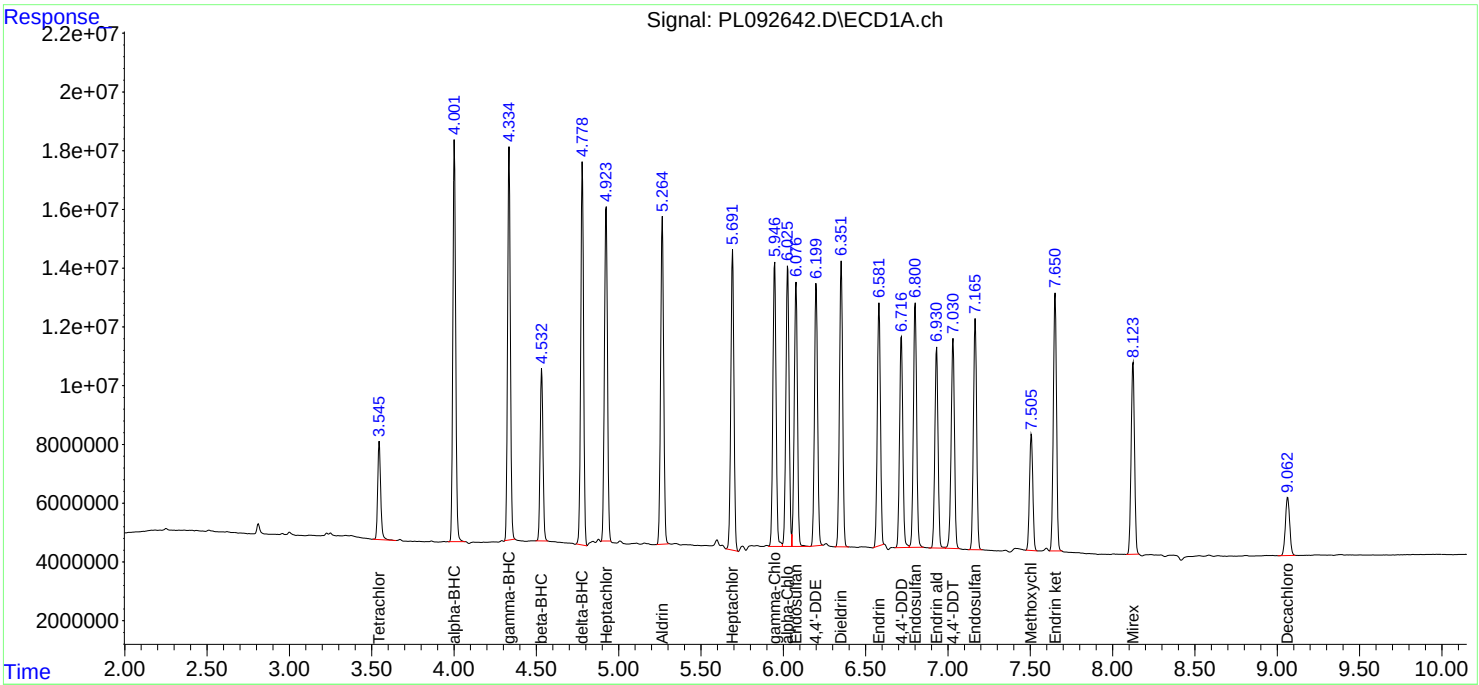
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102624\
Data File : PL092642.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2024 17:35
Operator : AR\AJ
Sample : PB164360BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

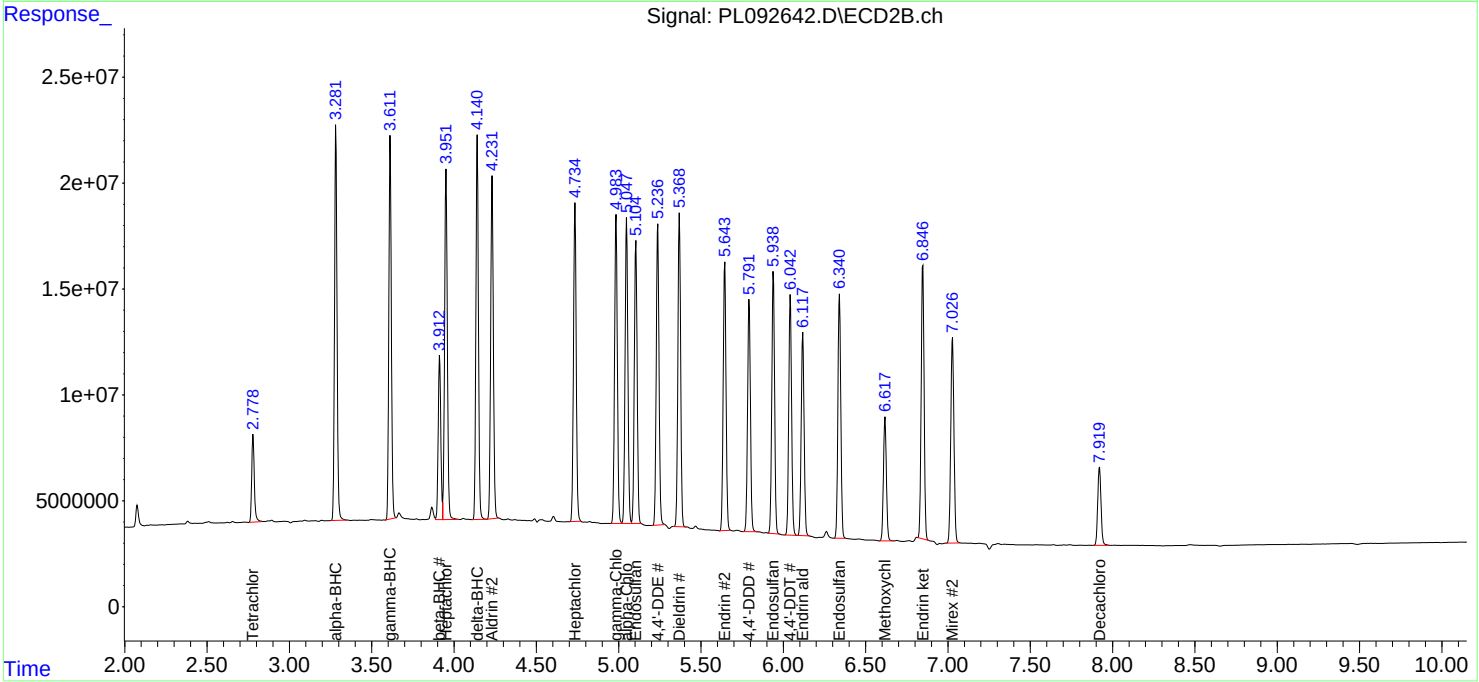
Instrument :
ECD_L
ClientSampleId :
PB164360BS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/28/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 22:41:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 14:03
Operator : AR\AJ
Sample : P4397-06MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WB-301-BOTMS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:17:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.539	2.780	42896519	45349975	15.924m	16.328
28)	SA	Decachlor...	9.057	7.919	39343276	55163440	19.370	20.935
		Target Compounds						
2)	A	alpha-BHC	3.997	3.282	172.7E6	208.5E6	41.907	48.311
3)	MA	gamma-BHC...	4.328	3.612	159.0E6	197.1E6	41.326m	47.856
4)	MA	Heptachlor	4.918	3.951	152.2E6	206.9E6	42.924	51.527
5)	MB	Aldrin	5.260	4.231	146.6E6	186.8E6	39.838	46.987
6)	B	beta-BHC	4.526	3.912	68938446	90653973	44.410m	51.922
7)	B	delta-BHC	4.774	4.141	155.5E6	191.6E6	41.346	45.562
8)	B	Heptachlo...	5.686	4.734	135.0E6	174.5E6	40.658	49.531
9)	A	Endosulfan I	6.071	5.104	124.9E6	158.4E6	41.350	49.772
10)	B	gamma-Chl...	5.940	4.984	138.2E6	180.6E6	41.930m	49.074
11)	B	alpha-Chl...	6.021	5.047	133.0E6	175.3E6	40.834	49.315
12)	B	4,4'-DDE	6.194	5.237	118.1E6	170.2E6	39.825	48.943
13)	MA	Dieldrin	6.347	5.368	131.1E6	180.9E6	40.309	49.495
14)	MA	Endrin	6.576	5.643	112.4E6	156.9E6	39.792	47.918
15)	B	Endosulfa...	6.796	5.938	118.7E6	149.1E6	41.930	47.677
16)	A	4,4'-DDD	6.712	5.791	99087476	130.2E6	41.014	46.872
17)	MA	4,4'-DDT	7.025	6.041	112.0E6	141.7E6	45.399	48.245
18)	B	Endrin al...	6.926	6.117	89974134	111.6E6	42.121	45.443
19)	B	Endosulfa...	7.161	6.340	105.9E6	138.3E6	41.919	46.766
20)	A	Methoxychlor	7.501	6.616	57518533	73789922	48.839	52.043
21)	B	Endrin ke...	7.645	6.846	118.8E6	155.2E6	43.207	48.322
22)		Mirex	8.119	7.026	90896784	122.8E6	43.562	46.978

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

Sample Results: **PL092606.D**

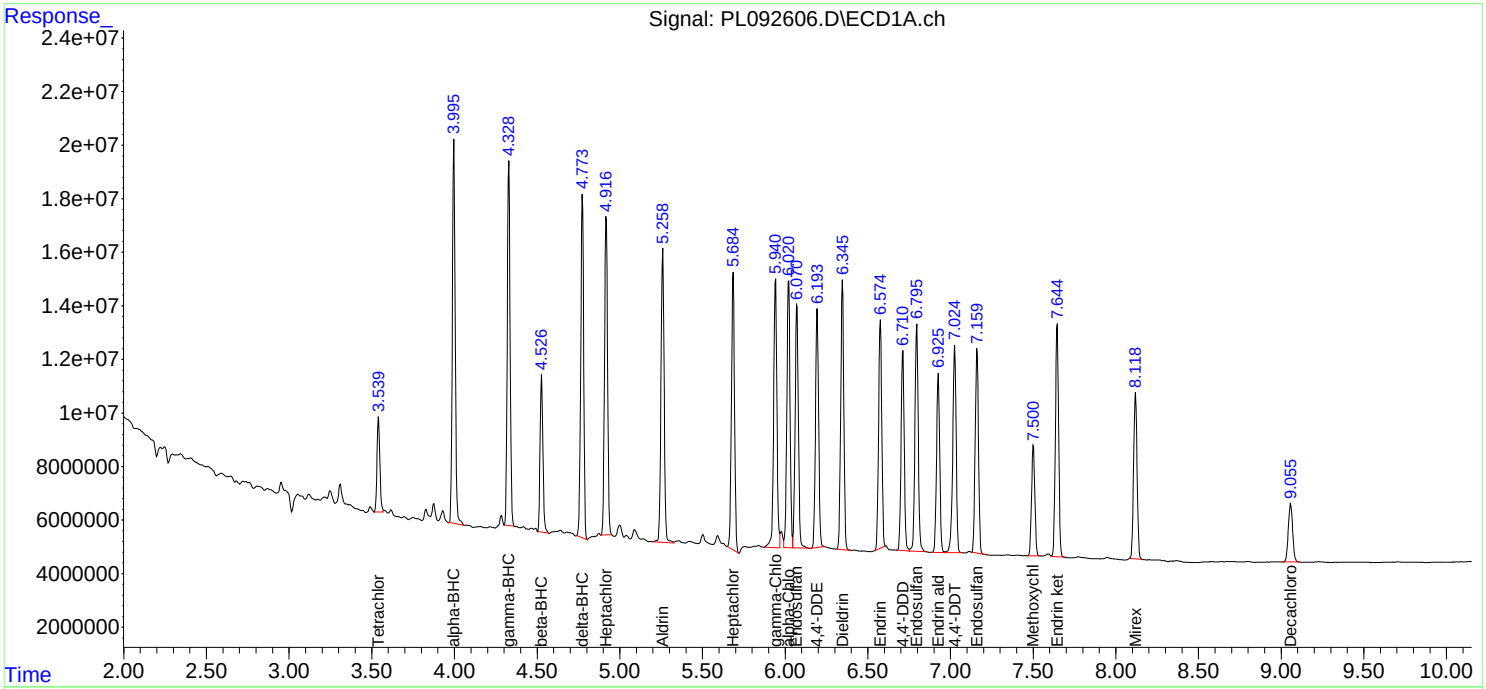
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 14:03
Operator : AR\AJ
Sample : P4397-06MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

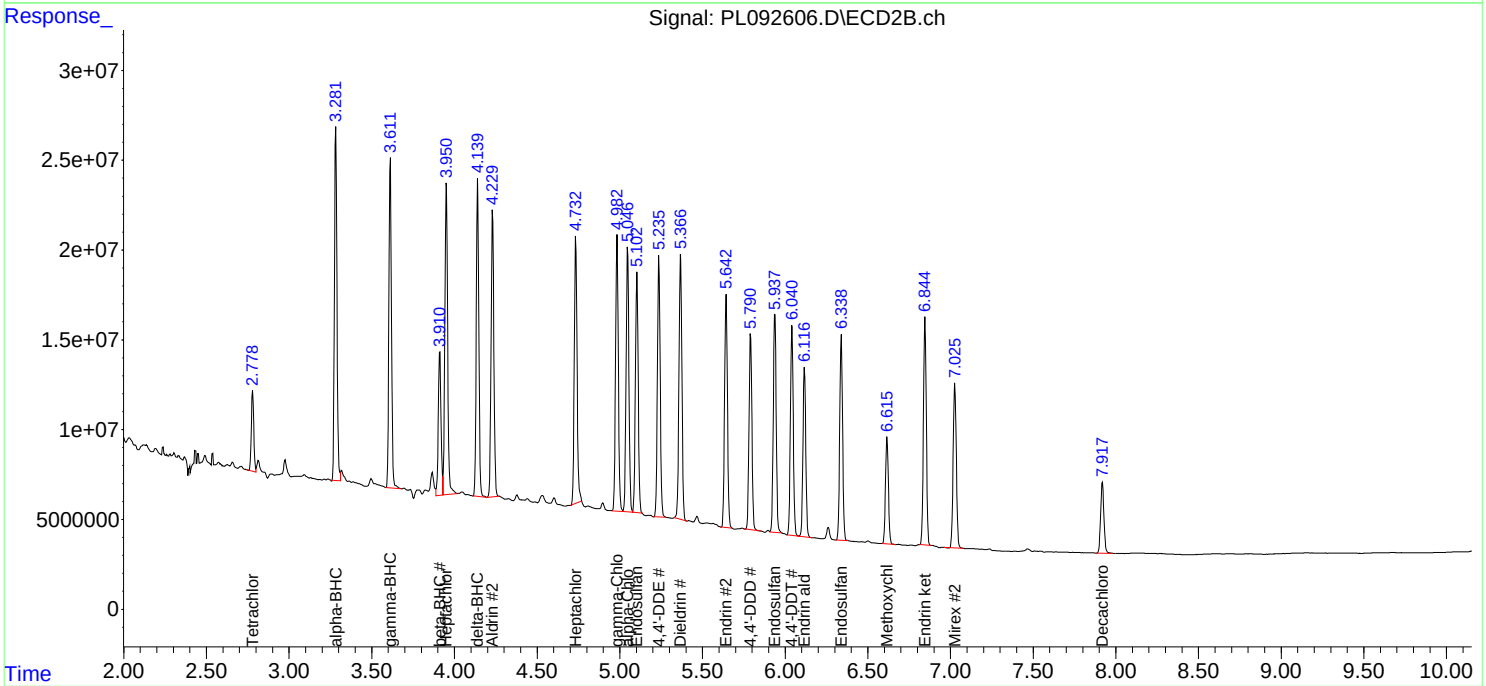
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:17:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_L
ClientSampleId :
WB-301-BOTMS

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024





Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 14:16
Operator : AR\AJ
Sample : P4397-06MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WB-301-BOTMSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:17:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
		System Monitoring Compounds						
1)	SA	Tetrachlo...	3.541	2.779	44502504	45915392	16.520	16.532
28)	SA	Decachlor...	9.058	7.918	40460370	57023058	19.920	21.641
		Target Compounds						
2)	A	alpha-BHC	3.997	3.281	176.5E6	215.2E6	42.823	49.875m
3)	MA	gamma-BHC...	4.328	3.611	162.0E6	202.6E6	42.105m	49.198
4)	MA	Heptachlor	4.918	3.951	155.6E6	214.5E6	43.886	53.409
5)	MB	Aldrin	5.260	4.231	150.3E6	192.8E6	40.859	48.499
6)	B	beta-BHC	4.526	3.911	70343834	93182549	45.315m	53.371
7)	B	delta-BHC	4.774	4.140	159.8E6	197.8E6	42.482	47.027
8)	B	Heptachlo...	5.686	4.733	137.8E6	180.9E6	41.485	51.352
9)	A	Endosulfan I	6.072	5.103	127.7E6	163.9E6	42.295	51.492
10)	B	gamma-Chl...	5.941	4.983	142.8E6	186.4E6	43.325m	50.665
11)	B	alpha-Chl...	6.021	5.047	136.3E6	181.5E6	41.841	51.074
12)	B	4,4'-DDE	6.194	5.236	120.9E6	176.3E6	40.758	50.694
13)	MA	Dieldrin	6.347	5.368	135.2E6	187.8E6	41.572	51.383
14)	MA	Endrin	6.576	5.643	114.4E6	163.4E6	40.519	49.888
15)	B	Endosulfa...	6.796	5.938	122.4E6	154.1E6	43.248	49.291
16)	A	4,4'-DDD	6.712	5.791	101.7E6	135.5E6	42.106	48.782
17)	MA	4,4'-DDT	7.025	6.042	112.8E6	147.9E6	45.756	50.353
18)	B	Endrin al...	6.926	6.117	90868430	115.5E6	42.540	46.997
19)	B	Endosulfa...	7.161	6.340	109.1E6	143.1E6	43.177	48.408
20)	A	Methoxychlor	7.501	6.616	58538142	75742306	49.705	53.420
21)	B	Endrin ke...	7.646	6.845	122.2E6	160.1E6	44.441	49.840
22)		Mirex	8.119	7.026	92627010	126.5E6	44.391	48.401

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

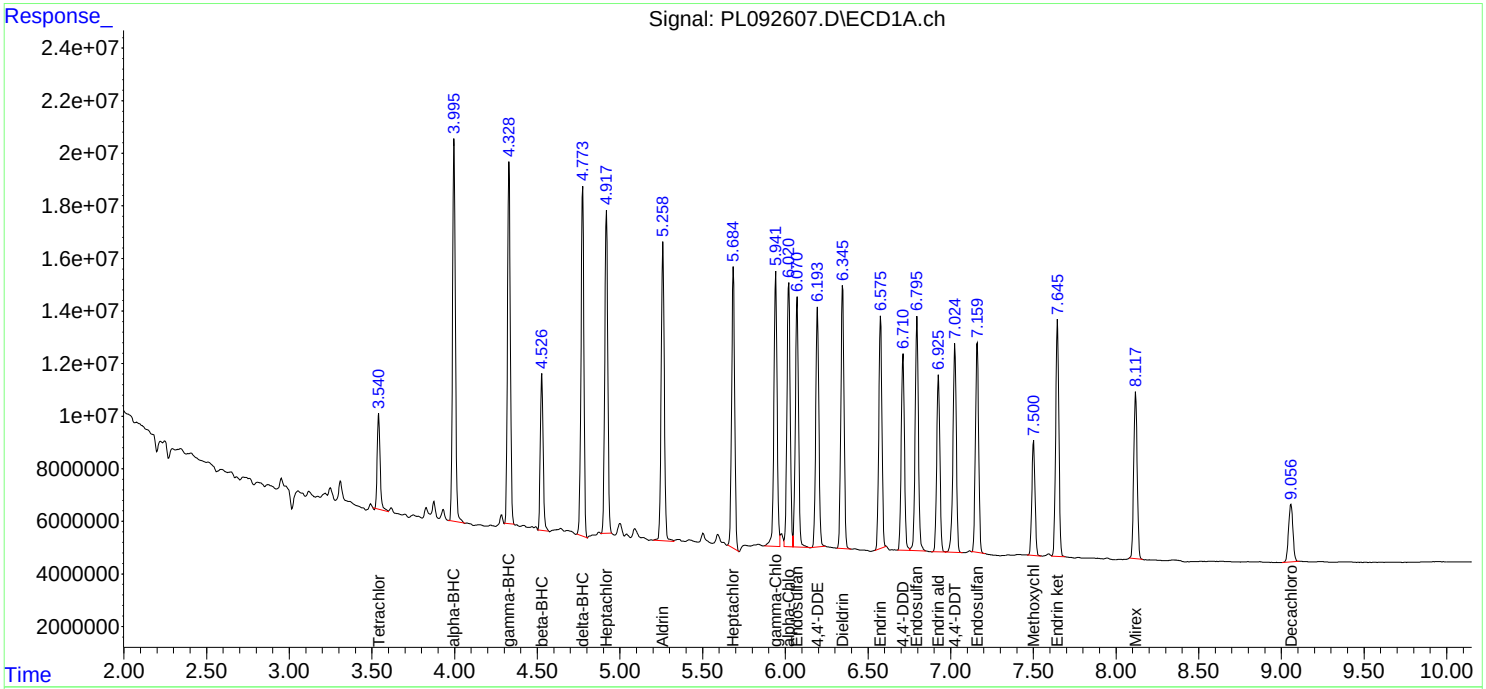
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102424\
Data File : PL092607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2024 14:16
Operator : AR\AJ
Sample : P4397-06MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

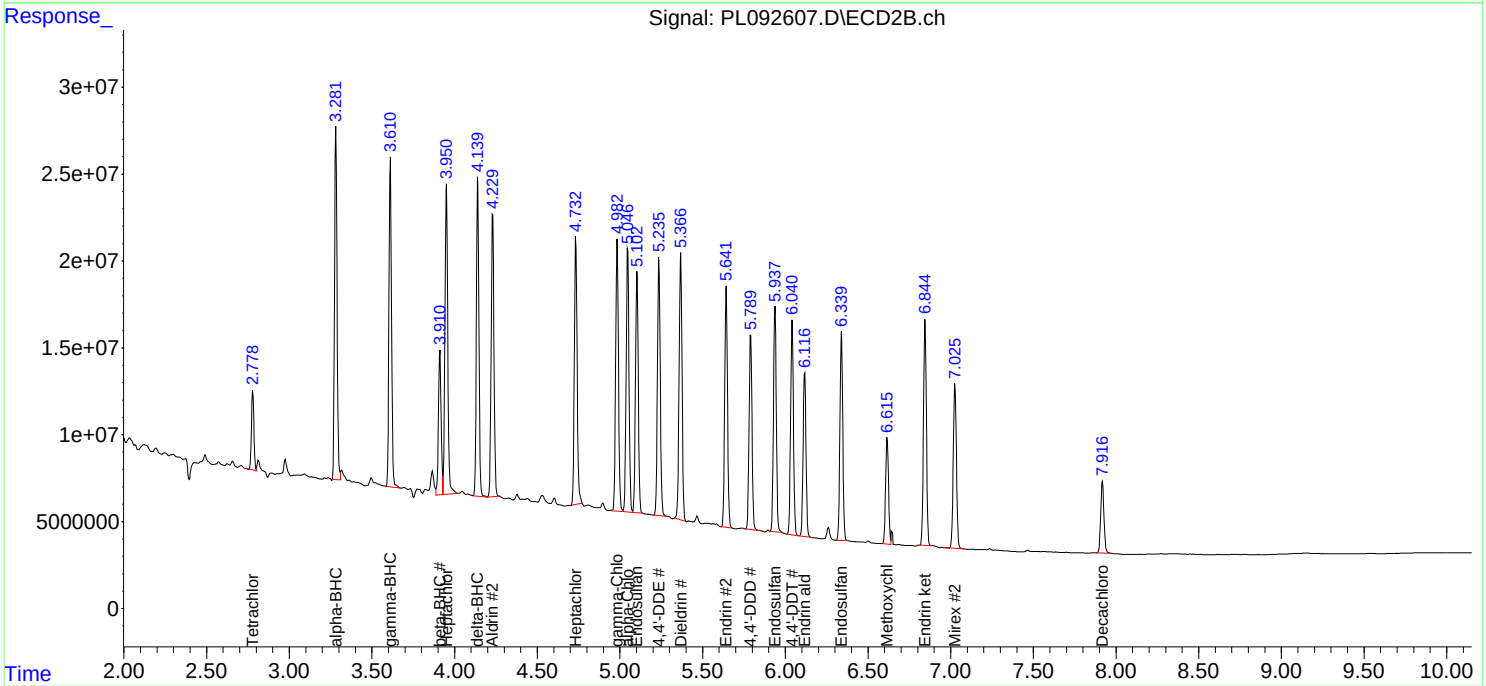
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 02:17:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
Quant Title : GC Extractables
QLast Update : Mon Oct 21 17:09:23 2024
Response via : Initial Calibration
Integrator: ChemStation

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

Instrument :
ECD_L
ClientSampleId :
WB-301-BOTMSD

Manual Integrations APPROVED
Reviewed By :Abdul Mirza 10/25/2024
Supervised By :Ankita Jodhani 10/28/2024





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

Manual Integration Report

Sequence:	PL102124	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL092495.D	4,4"-DDD	Abdul	10/22/2024 8:45:34 AM	Ankita	10/22/2024 9:02:10	Peak Integrated by Software
PEM	PL092495.D	4,4"-DDD #2	Abdul	10/22/2024 8:45:34 AM	Ankita	10/22/2024 9:02:10	Peak Integrated by Software
PEM	PL092495.D	Endrin aldehyde	Abdul	10/22/2024 8:45:34 AM	Ankita	10/22/2024 9:02:10	Peak Integrated by Software
PEM	PL092495.D	Endrin ketone #2	Abdul	10/22/2024 8:45:34 AM	Ankita	10/22/2024 9:02:10	Peak Integrated by Software
PSTDICC025	PL092500.D	Heptachlor epoxide	Abdul	10/22/2024 8:45:38 AM	Ankita	10/22/2024 9:02:12	Peak Integrated by Software
PSTDICC005	PL092501.D	alpha-Chlordane	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	delta-BHC	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	Endosulfan I	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	Endosulfan II	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	Endrin	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	Endrin #2	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	Endrin ketone	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	gamma-BHC (Lindane) #2	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PL102124	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDICC005	PL092501.D	gamma-Chlordane	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	Heptachlor epoxide	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICC005	PL092501.D	Mirex #2	Abdul	10/22/2024 8:45:42 AM	Ankita	10/22/2024 9:02:15	Peak Integrated by Software
PSTDICV050	PL092512.D	delta-BHC	Abdul	10/22/2024 8:46:09 AM	Ankita	10/22/2024 9:02:28	Peak Integrated by Software
PSTDICV050	PL092512.D	Heptachlor epoxide	Abdul	10/22/2024 8:46:09 AM	Ankita	10/22/2024 9:02:28	Peak Integrated by Software
PSTDICV050	PL092512.D	Mirex #2	Abdul	10/22/2024 8:46:09 AM	Ankita	10/22/2024 9:02:28	Peak Integrated by Software
PCHLORICV500	PL092513.D	Chlordane-5	Abdul	10/22/2024 8:46:13 AM	Ankita	10/22/2024 9:02:30	Peak Integrated by Software
I.BLK	PL092515.D	Tetrachloro-m-xylene #2	Abdul	10/22/2024 8:46:19 AM	Ankita	10/22/2024 9:02:32	Peak Integrated by Software
PEM	PL092516.D	4,4"-DDE	Abdul	10/22/2024 8:46:24 AM	Ankita	10/22/2024 9:02:34	Peak Integrated by Software
PEM	PL092516.D	alpha-BHC	Abdul	10/22/2024 8:46:24 AM	Ankita	10/22/2024 9:02:34	Peak Integrated by Software
PEM	PL092516.D	Endrin aldehyde	Abdul	10/22/2024 8:46:24 AM	Ankita	10/22/2024 9:02:34	Peak Integrated by Software
PEM	PL092516.D	Endrin ketone #2	Abdul	10/22/2024 8:46:24 AM	Ankita	10/22/2024 9:02:34	Peak Integrated by Software
PEM	PL092516.D	gamma-BHC (Lindane) #2	Abdul	10/22/2024 8:46:24 AM	Ankita	10/22/2024 9:02:34	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL102124	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PSTDCCC050	PL092517.D	delta-BHC	Abdul	10/22/2024 8:46:28 AM	Ankita	10/22/2024 9:02:36	Peak Integrated by Software
PSTDCCC050	PL092517.D	Endosulfan II #2	Abdul	10/22/2024 8:46:28 AM	Ankita	10/22/2024 9:02:36	Peak Integrated by Software
PSTDCCC050	PL092517.D	Heptachlor epoxide	Abdul	10/22/2024 8:46:28 AM	Ankita	10/22/2024 9:02:36	Peak Integrated by Software
PSTDCCC050	PL092517.D	Mirex #2	Abdul	10/22/2024 8:46:28 AM	Ankita	10/22/2024 9:02:36	Peak Integrated by Software
I.BLK	PL092523.D	Tetrachloro-m-xylene #2	Abdul	10/22/2024 8:47:06 AM	Ankita	10/22/2024 9:02:44	Peak Integrated by Software
PSTDCCC050	PL092524.D	delta-BHC	Abdul	10/22/2024 8:47:10 AM	Ankita	10/22/2024 9:02:48	Peak Integrated by Software
PSTDCCC050	PL092524.D	Heptachlor epoxide	Abdul	10/22/2024 8:47:10 AM	Ankita	10/22/2024 9:02:48	Peak Integrated by Software
I.BLK	PL092528.D	Decachlorobiphenyl	Abdul	10/22/2024 8:47:27 AM	Ankita	10/22/2024 9:02:56	Peak Integrated by Software
I.BLK	PL092528.D	Tetrachloro-m-xylene #2	Abdul	10/22/2024 8:47:27 AM	Ankita	10/22/2024 9:02:56	Peak Integrated by Software
PSTDCCC050	PL092529.D	Aldrin	Abdul	10/22/2024 8:47:30 AM	Ankita	10/22/2024 9:02:58	Peak Integrated by Software
PSTDCCC050	PL092529.D	delta-BHC	Abdul	10/22/2024 8:47:30 AM	Ankita	10/22/2024 9:02:58	Peak Integrated by Software
PSTDCCC050	PL092529.D	Endrin	Abdul	10/22/2024 8:47:30 AM	Ankita	10/22/2024 9:02:58	Peak Integrated by Software
PSTDCCC050	PL092529.D	Heptachlor epoxide	Abdul	10/22/2024 8:47:30 AM	Ankita	10/22/2024 9:02:58	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL102124	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PL102424	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PL092590.D	4,4"-DDD #2	Abdul	10/25/2024 3:24:07 PM	Ankita	10/28/2024 10:34:14	Peak Integrated by Software
PEM	PL092590.D	Endrin ketone #2	Abdul	10/25/2024 3:24:07 PM	Ankita	10/28/2024 10:34:14	Peak Integrated by Software
PSTDCCC050	PL092591.D	Endrin ketone #2	Abdul	10/25/2024 3:24:10 PM	Ankita	10/28/2024 10:34:16	Peak Integrated by Software
PSTDCCC050	PL092591.D	Heptachlor epoxide	Abdul	10/25/2024 3:24:10 PM	Ankita	10/28/2024 10:34:16	Peak Integrated by Software
P4397-06	PL092605.D	Tetrachloro-m-xylene	Abdul	10/25/2024 3:24:50 PM	Ankita	10/28/2024 10:34:57	Peak Integrated by Software
P4397-06	PL092605.D	Tetrachloro-m-xylene #2	Abdul	10/25/2024 3:24:50 PM	Ankita	10/28/2024 10:34:57	Peak Integrated by Software
P4397-06MS	PL092606.D	beta-BHC	Abdul	10/25/2024 3:24:53 PM	Ankita	10/28/2024 10:34:59	Peak Integrated by Software
P4397-06MS	PL092606.D	gamma-BHC (Lindane)	Abdul	10/25/2024 3:24:53 PM	Ankita	10/28/2024 10:34:59	Peak Integrated by Software
P4397-06MS	PL092606.D	gamma-Chlordane	Abdul	10/25/2024 3:24:53 PM	Ankita	10/28/2024 10:34:59	Peak Integrated by Software
P4397-06MS	PL092606.D	Tetrachloro-m-xylene	Abdul	10/25/2024 3:24:53 PM	Ankita	10/28/2024 10:34:59	Peak Integrated by Software
P4397-06MSD	PL092607.D	alpha-BHC #2	Abdul	10/25/2024 3:24:56 PM	Ankita	10/28/2024 10:35:04	Peak Integrated by Software
P4397-06MSD	PL092607.D	beta-BHC	Abdul	10/25/2024 3:24:56 PM	Ankita	10/28/2024 10:35:04	Peak Integrated by Software
P4397-06MSD	PL092607.D	gamma-BHC (Lindane)	Abdul	10/25/2024 3:24:56 PM	Ankita	10/28/2024 10:35:04	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL102424	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
P4397-06MSD	PL092607.D	gamma-Chlordane	Abdul	10/25/2024 3:24:56 PM	Ankita	10/28/2024 10:35:04	Peak Integrated by Software
I.BLK	PL092612.D	Decachlorobiphenyl	Abdul	10/28/2024 9:17:04 AM	Ankita	10/28/2024 10:35:12	Peak Integrated by Software
I.BLK	PL092612.D	Tetrachloro-m-xylene #2	Abdul	10/28/2024 9:17:04 AM	Ankita	10/28/2024 10:35:12	Peak Integrated by Software
PSTDCCC050	PL092613.D	Aldrin	Abdul	10/25/2024 3:25:15 PM	Ankita	10/28/2024 10:35:14	Peak Integrated by Software
PSTDCCC050	PL092613.D	Decachlorobiphenyl	Abdul	10/25/2024 3:25:15 PM	Ankita	10/28/2024 10:35:14	Peak Integrated by Software
PSTDCCC050	PL092613.D	Dieldrin	Abdul	10/25/2024 3:25:15 PM	Ankita	10/28/2024 10:35:14	Peak Integrated by Software
PSTDCCC050	PL092613.D	Endosulfan II #2	Abdul	10/25/2024 3:25:15 PM	Ankita	10/28/2024 10:35:14	Peak Integrated by Software
PSTDCCC050	PL092613.D	Endrin ketone #2	Abdul	10/25/2024 3:25:15 PM	Ankita	10/28/2024 10:35:14	Peak Integrated by Software
PSTDCCC050	PL092613.D	Heptachlor	Abdul	10/25/2024 3:25:15 PM	Ankita	10/28/2024 10:35:14	Peak Integrated by Software
PSTDCCC050	PL092613.D	Heptachlor epoxide	Abdul	10/25/2024 3:25:15 PM	Ankita	10/28/2024 10:35:14	Peak Integrated by Software
I.BLK	PL092622.D	Tetrachloro-m-xylene #2	Abdul	10/28/2024 9:17:07 AM	Ankita	10/28/2024 10:35:28	Peak Integrated by Software
PSTDCCC050	PL092623.D	Heptachlor	Abdul	10/25/2024 3:25:52 PM	Ankita	10/28/2024 10:35:30	Peak Integrated by Software
PSTDCCC050	PL092623.D	Mirex #2	Abdul	10/25/2024 3:25:52 PM	Ankita	10/28/2024 10:35:30	Peak Integrated by Software

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Sequence:	PL102424	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	PL102624	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PL092637.D	Tetrachloro-m-xylene	Abdul	10/28/2024 9:29:49 AM	Ankita	10/28/2024 10:45:41	Peak Integrated by Software
I.BLK	PL092637.D	Tetrachloro-m-xylene #2	Abdul	10/28/2024 9:29:49 AM	Ankita	10/28/2024 10:45:41	Peak Integrated by Software
PEM	PL092638.D	4,4"-DDE	Abdul	10/28/2024 9:29:52 AM	Ankita	10/28/2024 10:45:44	Peak Integrated by Software
PEM	PL092638.D	4,4"-DDE #2	Abdul	10/28/2024 9:29:52 AM	Ankita	10/28/2024 10:45:44	Peak Integrated by Software
PEM	PL092638.D	Endrin	Abdul	10/28/2024 9:29:52 AM	Ankita	10/28/2024 10:45:44	Peak Integrated by Software
PSTDCCC050	PL092639.D	4,4"-DDD #2	Abdul	10/28/2024 9:29:57 AM	Ankita	10/28/2024 10:45:46	Peak Integrated by Software
PSTDCCC050	PL092639.D	Aldrin	Abdul	10/28/2024 9:29:57 AM	Ankita	10/28/2024 10:45:46	Peak Integrated by Software
PSTDCCC050	PL092639.D	Endosulfan II #2	Abdul	10/28/2024 9:29:57 AM	Ankita	10/28/2024 10:45:46	Peak Integrated by Software
PSTDCCC050	PL092639.D	Heptachlor	Abdul	10/28/2024 9:29:57 AM	Ankita	10/28/2024 10:45:46	Peak Integrated by Software
PSTDCCC050	PL092639.D	Heptachlor epoxide	Abdul	10/28/2024 9:29:57 AM	Ankita	10/28/2024 10:45:46	Peak Integrated by Software
PSTDCCC050	PL092639.D	Methoxychlor	Abdul	10/28/2024 9:29:57 AM	Ankita	10/28/2024 10:45:46	Peak Integrated by Software
PB164360BS	PL092642.D	Aldrin	Abdul	10/28/2024 9:30:09 AM	Ankita	10/28/2024 10:45:51	Peak Integrated by Software
PB164360BS	PL092642.D	delta-BHC	Abdul	10/28/2024 9:30:09 AM	Ankita	10/28/2024 10:45:51	Peak Integrated by Software

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Manual Integration Report

Sequence:	PL102624	Instrument	ECD_I

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB164360BS	PL092642.D	gamma-BHC (Lindane)	Abdul	10/28/2024 9:30:09 AM	Ankita	10/28/2024 10:45:51	Peak Integrated by Software
PB164360BS	PL092642.D	Heptachlor	Abdul	10/28/2024 9:30:09 AM	Ankita	10/28/2024 10:45:51	Peak Integrated by Software
PB164360BS	PL092642.D	Methoxychlor	Abdul	10/28/2024 9:30:09 AM	Ankita	10/28/2024 10:45:51	Peak Integrated by Software
PB164360BS	PL092642.D	Mirex #2	Abdul	10/28/2024 9:30:09 AM	Ankita	10/28/2024 10:45:51	Peak Integrated by Software
PB164360BS	PL092642.D	Tetrachloro-m-xylene #2	Abdul	10/28/2024 9:30:09 AM	Ankita	10/28/2024 10:45:51	Peak Integrated by Software
I.BLK	PL092649.D	Tetrachloro-m-xylene	Abdul	10/28/2024 9:30:40 AM	Ankita	10/28/2024 10:46:13	Peak Integrated by Software
I.BLK	PL092649.D	Tetrachloro-m-xylene #2	Abdul	10/28/2024 9:30:40 AM	Ankita	10/28/2024 10:46:13	Peak Integrated by Software
PSTDCCC050	PL092650.D	Aldrin	Abdul	10/28/2024 9:30:44 AM	Ankita	10/28/2024 10:46:17	Peak Integrated by Software
PSTDCCC050	PL092650.D	Endosulfan II #2	Abdul	10/28/2024 9:30:44 AM	Ankita	10/28/2024 10:46:17	Peak Integrated by Software
PSTDCCC050	PL092650.D	Endrin ketone #2	Abdul	10/28/2024 9:30:44 AM	Ankita	10/28/2024 10:46:17	Peak Integrated by Software

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102124

Review By	Abdul	Review On	10/22/2024 8:47:55 AM		
Supervise By	Ankita	Supervise On	10/22/2024 9:03:18 AM		
SubDirectory	PL102124	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL092493.D	21 Oct 2024 12:06	AR\AJ	Ok
2	I.BLK	PL092494.D	21 Oct 2024 12:19	AR\AJ	Ok
3	PEM	PL092495.D	21 Oct 2024 12:33	AR\AJ	Ok,M
4	RESCHK	PL092496.D	21 Oct 2024 12:46	AR\AJ	Ok
5	PSTDICC100	PL092497.D	21 Oct 2024 13:00	AR\AJ	Ok
6	PSTDICC075	PL092498.D	21 Oct 2024 13:13	AR\AJ	Ok
7	PSTDICC050	PL092499.D	21 Oct 2024 13:26	AR\AJ	Ok
8	PSTDICC025	PL092500.D	21 Oct 2024 13:40	AR\AJ	Ok,M
9	PSTDICC005	PL092501.D	21 Oct 2024 13:53	AR\AJ	Ok,M
10	PCHLORICC1000	PL092502.D	21 Oct 2024 14:07	AR\AJ	Ok
11	PCHLORICC750	PL092503.D	21 Oct 2024 14:20	AR\AJ	Ok
12	PCHLORICC500	PL092504.D	21 Oct 2024 14:33	AR\AJ	Ok
13	PCHLORICC250	PL092505.D	21 Oct 2024 14:47	AR\AJ	Ok,M
14	PCHLORICC050	PL092506.D	21 Oct 2024 15:00	AR\AJ	Ok,M
15	PTOXICC1000	PL092507.D	21 Oct 2024 15:14	AR\AJ	Ok,M
16	PTOXICC750	PL092508.D	21 Oct 2024 15:27	AR\AJ	Ok,M
17	PTOXICC500	PL092509.D	21 Oct 2024 15:40	AR\AJ	Ok
18	PTOXICC250	PL092510.D	21 Oct 2024 15:54	AR\AJ	Ok,M
19	PTOXICC100	PL092511.D	21 Oct 2024 16:07	AR\AJ	Ok,M
20	PSTDICV050	PL092512.D	21 Oct 2024 16:21	AR\AJ	Ok,M
21	PCHLORICV500	PL092513.D	21 Oct 2024 16:34	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102124

Review By	Abdul	Review On	10/22/2024 8:47:55 AM		
Supervise By	Ankita	Supervise On	10/22/2024 9:03:18 AM		
SubDirectory	PL102124	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PTOXICV500	PL092514.D	21 Oct 2024 18:08	AR\AJ	Ok
23	I.BLK	PL092515.D	21 Oct 2024 18:41	AR\AJ	Ok,M
24	PEM	PL092516.D	21 Oct 2024 18:54	AR\AJ	Ok,M
25	PSTDCCC050	PL092517.D	21 Oct 2024 19:08	AR\AJ	Ok,M
26	PB164288BL	PL092518.D	21 Oct 2024 19:21	AR\AJ	Ok
27	PB164288BS	PL092519.D	21 Oct 2024 19:34	AR\AJ	Ok,M
28	P4455-01	PL092520.D	21 Oct 2024 19:48	AR\AJ	Ok,M
29	P4443-01	PL092521.D	21 Oct 2024 20:01	AR\AJ	Ok,M
30	P4443-06	PL092522.D	21 Oct 2024 20:15	AR\AJ	Ok,M
31	I.BLK	PL092523.D	21 Oct 2024 20:28	AR\AJ	Ok,M
32	PSTDCCC050	PL092524.D	21 Oct 2024 20:42	AR\AJ	Ok,M
33	P4458-01	PL092525.D	21 Oct 2024 20:55	AR\AJ	Ok,M
34	P4458-01MS	PL092526.D	21 Oct 2024 21:08	AR\AJ	Ok,M
35	P4458-01MSD	PL092527.D	21 Oct 2024 21:22	AR\AJ	Ok,M
36	I.BLK	PL092528.D	21 Oct 2024 21:35	AR\AJ	Ok,M
37	PSTDCCC050	PL092529.D	21 Oct 2024 21:49	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102424

Review By	Abdul	Review On	10/25/2024 3:26:14 PM		
Supervise By	Ankita	Supervise On	10/28/2024 10:35:47 AM		
SubDirectory	PL102424	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL092588.D	24 Oct 2024 09:39	AR\AJ	Ok
2	I.BLK	PL092589.D	24 Oct 2024 09:53	AR\AJ	Ok
3	PEM	PL092590.D	24 Oct 2024 10:06	AR\AJ	Ok,M
4	PSTDCCC050	PL092591.D	24 Oct 2024 10:19	AR\AJ	Ok,M
5	P4467-01	PL092592.D	24 Oct 2024 10:55	AR\AJ	Ok,M
6	P4470-01	PL092593.D	24 Oct 2024 11:08	AR\AJ	Ok,M
7	P4472-01	PL092594.D	24 Oct 2024 11:22	AR\AJ	Ok,M
8	P4472-01MS	PL092595.D	24 Oct 2024 11:35	AR\AJ	Ok,M
9	P4472-01MSD	PL092596.D	24 Oct 2024 11:49	AR\AJ	Ok,M
10	P4472-05	PL092597.D	24 Oct 2024 12:02	AR\AJ	Ok,M
11	P4487-01	PL092598.D	24 Oct 2024 12:15	AR\AJ	Ok,M
12	P4487-05	PL092599.D	24 Oct 2024 12:29	AR\AJ	Ok,M
13	P4487-05MS	PL092600.D	24 Oct 2024 12:42	AR\AJ	Ok,M
14	P4487-05MSD	PL092601.D	24 Oct 2024 12:56	AR\AJ	Ok,M
15	PB164360BL	PL092602.D	24 Oct 2024 13:09	AR\AJ	Ok
16	PB164360BS	PL092603.D	24 Oct 2024 13:22	AR\AJ	Not Ok
17	PB164261TB	PL092604.D	24 Oct 2024 13:36	AR\AJ	Ok
18	P4397-06	PL092605.D	24 Oct 2024 13:49	AR\AJ	Ok,M
19	P4397-06MS	PL092606.D	24 Oct 2024 14:03	AR\AJ	Ok,M
20	P4397-06MSD	PL092607.D	24 Oct 2024 14:16	AR\AJ	Ok,M
21	P4460-04	PL092608.D	24 Oct 2024 14:30	AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102424

Review By	Abdul	Review On	10/25/2024 3:26:14 PM		
Supervise By	Ankita	Supervise On	10/28/2024 10:35:47 AM		
SubDirectory	PL102424	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	P4486-01	PL092609.D	24 Oct 2024 16:04	AR\AJ	Ok,M
23	PB164365BS	PL092610.D	24 Oct 2024 16:17	AR\AJ	Ok,M
24	PB164365BL	PL092611.D	24 Oct 2024 16:35	AR\AJ	Ok,M
25	I.BLK	PL092612.D	24 Oct 2024 16:48	AR\AJ	Ok,M
26	PSTDCCC050	PL092613.D	24 Oct 2024 17:20	AR\AJ	Ok,M
27	PB164360BS	PL092614.D	24 Oct 2024 17:38	AR\AJ	Not Ok
28	P4508-01	PL092615.D	24 Oct 2024 17:52	AR\AJ	Ok,M
29	P4508-05	PL092616.D	24 Oct 2024 18:05	AR\AJ	Ok,M
30	P4508-09	PL092617.D	24 Oct 2024 18:19	AR\AJ	Ok,M
31	P4508-09MS	PL092618.D	24 Oct 2024 18:32	AR\AJ	Ok,M
32	P4508-09MSD	PL092619.D	24 Oct 2024 18:46	AR\AJ	Ok,M
33	P4509-01	PL092620.D	24 Oct 2024 18:59	AR\AJ	Ok,M
34	P4512-03	PL092621.D	24 Oct 2024 19:12	AR\AJ	Ok,M
35	I.BLK	PL092622.D	24 Oct 2024 19:26	AR\AJ	Ok,M
36	PSTDCCC050	PL092623.D	24 Oct 2024 19:39	AR\AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102624

Review By	Abdul	Review On	10/28/2024 9:31:07 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:46:33 AM		
SubDirectory	PL102624	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PL092636.D	25 Oct 2024 14:55	AR\AJ	Ok
2	I.BLK	PL092637.D	25 Oct 2024 15:08	AR\AJ	Ok,M
3	PEM	PL092638.D	25 Oct 2024 15:22	AR\AJ	Ok,M
4	PSTDCCC050	PL092639.D	25 Oct 2024 15:49	AR\AJ	Ok,M
5	PB164398BL	PL092640.D	25 Oct 2024 16:46	AR\AJ	Ok,M
6	PB164398BS	PL092641.D	25 Oct 2024 16:59	AR\AJ	Ok,M
7	PB164360BS	PL092642.D	25 Oct 2024 17:35	AR\AJ	Ok,M
8	P4531-01	PL092643.D	25 Oct 2024 17:49	AR\AJ	Ok,M
9	P4547-01	PL092644.D	25 Oct 2024 18:02	AR\AJ	Ok,M
10	P4545-01	PL092645.D	25 Oct 2024 18:15	AR\AJ	ReRun
11	P4547-05	PL092646.D	25 Oct 2024 18:29	AR\AJ	Ok,M
12	P4547-05MS	PL092647.D	25 Oct 2024 18:42	AR\AJ	Ok,M
13	P4547-05MSD	PL092648.D	25 Oct 2024 18:56	AR\AJ	Ok,M
14	I.BLK	PL092649.D	25 Oct 2024 19:09	AR\AJ	Ok,M
15	PSTDCCC050	PL092650.D	25 Oct 2024 19:49	AR\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102124

Review By	Abdul	Review On	10/22/2024 8:47:55 AM		
Supervise By	Ankita	Supervise On	10/22/2024 9:03:18 AM		
SubDirectory	PL102124	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL092493.D	21 Oct 2024 12:06		AR\AJ	Ok
2	I.BLK	I.BLK	PL092494.D	21 Oct 2024 12:19		AR\AJ	Ok
3	PEM	PEM	PL092495.D	21 Oct 2024 12:33		AR\AJ	Ok,M
4	RESCHK	RESCHK	PL092496.D	21 Oct 2024 12:46		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PL092497.D	21 Oct 2024 13:00		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PL092498.D	21 Oct 2024 13:13		AR\AJ	Ok
7	PSTDICC050	PSTDICC050	PL092499.D	21 Oct 2024 13:26		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PL092500.D	21 Oct 2024 13:40		AR\AJ	Ok,M
9	PSTDICC005	PSTDICC005	PL092501.D	21 Oct 2024 13:53		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PL092502.D	21 Oct 2024 14:07		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PL092503.D	21 Oct 2024 14:20		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PL092504.D	21 Oct 2024 14:33		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PL092505.D	21 Oct 2024 14:47		AR\AJ	Ok,M
14	PCHLORICC050	PCHLORICC050	PL092506.D	21 Oct 2024 15:00		AR\AJ	Ok,M
15	PTOXICC1000	PTOXICC1000	PL092507.D	21 Oct 2024 15:14		AR\AJ	Ok,M
16	PTOXICC750	PTOXICC750	PL092508.D	21 Oct 2024 15:27		AR\AJ	Ok,M
17	PTOXICC500	PTOXICC500	PL092509.D	21 Oct 2024 15:40		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PL092510.D	21 Oct 2024 15:54		AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102124

Review By	Abdul	Review On	10/22/2024 8:47:55 AM		
Supervise By	Ankita	Supervise On	10/22/2024 9:03:18 AM		
SubDirectory	PL102124	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	PTOXICC100	PTOXICC100	PL092511.D	21 Oct 2024 16:07		AR\AJ	Ok,M
20	PSTDICV050	ICVPL102124	PL092512.D	21 Oct 2024 16:21		AR\AJ	Ok,M
21	PCHLORICV500	ICVPL102124CHLOR	PL092513.D	21 Oct 2024 16:34		AR\AJ	Ok,M
22	PTOXICV500	ICVPL102124	PL092514.D	21 Oct 2024 18:08		AR\AJ	Ok
23	I.BLK	I.BLK	PL092515.D	21 Oct 2024 18:41		AR\AJ	Ok,M
24	PEM	PEM	PL092516.D	21 Oct 2024 18:54		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PL092517.D	21 Oct 2024 19:08		AR\AJ	Ok,M
26	PB164288BL	PB164288BL	PL092518.D	21 Oct 2024 19:21		AR\AJ	Ok
27	PB164288BS	PB164288BS	PL092519.D	21 Oct 2024 19:34		AR\AJ	Ok,M
28	P4455-01	SU-4-101824	PL092520.D	21 Oct 2024 19:48		AR\AJ	Ok,M
29	P4443-01	OG-315-HR-502-COMF	PL092521.D	21 Oct 2024 20:01		AR\AJ	Ok,M
30	P4443-06	OG-315-HR-502-COMF	PL092522.D	21 Oct 2024 20:15		AR\AJ	Ok,M
31	I.BLK	I.BLK	PL092523.D	21 Oct 2024 20:28		AR\AJ	Ok,M
32	PSTDCCC050	PSTDCCC050	PL092524.D	21 Oct 2024 20:42		AR\AJ	Ok,M
33	P4458-01	280517	PL092525.D	21 Oct 2024 20:55		AR\AJ	Ok,M
34	P4458-01MS	280517MS	PL092526.D	21 Oct 2024 21:08	Some compound recovery fail	AR\AJ	Ok,M
35	P4458-01MSD	280517MSD	PL092527.D	21 Oct 2024 21:22	Some compound recovery fail, RPD fail	AR\AJ	Ok,M
36	I.BLK	I.BLK	PL092528.D	21 Oct 2024 21:35		AR\AJ	Ok,M
37	PSTDCCC050	PSTDCCC050	PL092529.D	21 Oct 2024 21:49		AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102124

Review By	Abdul	Review On	10/22/2024 8:47:55 AM		
Supervise By	Ankita	Supervise On	10/22/2024 9:03:18 AM		
SubDirectory	PL102124	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23282,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102424

Review By	Abdul	Review On	10/25/2024 3:26:14 PM		
Supervise By	Ankita	Supervise On	10/28/2024 10:35:47 AM		
SubDirectory	PL102424	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL092588.D	24 Oct 2024 09:39		AR\AJ	Ok
2	I.BLK	I.BLK	PL092589.D	24 Oct 2024 09:53		AR\AJ	Ok
3	PEM	PEM	PL092590.D	24 Oct 2024 10:06		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL092591.D	24 Oct 2024 10:19		AR\AJ	Ok,M
5	P4467-01	TP-1	PL092592.D	24 Oct 2024 10:55		AR\AJ	Ok,M
6	P4470-01	CL-01-102124	PL092593.D	24 Oct 2024 11:08		AR\AJ	Ok,M
7	P4472-01	BP-F-28	PL092594.D	24 Oct 2024 11:22		AR\AJ	Ok,M
8	P4472-01MS	BP-F-28MS	PL092595.D	24 Oct 2024 11:35		AR\AJ	Ok,M
9	P4472-01MSD	BP-F-28MSD	PL092596.D	24 Oct 2024 11:49		AR\AJ	Ok,M
10	P4472-05	BP-F-6	PL092597.D	24 Oct 2024 12:02		AR\AJ	Ok,M
11	P4487-01	BP-B5	PL092598.D	24 Oct 2024 12:15		AR\AJ	Ok,M
12	P4487-05	BP-F27	PL092599.D	24 Oct 2024 12:29		AR\AJ	Ok,M
13	P4487-05MS	BP-F27MS	PL092600.D	24 Oct 2024 12:42		AR\AJ	Ok,M
14	P4487-05MSD	BP-F27MSD	PL092601.D	24 Oct 2024 12:56		AR\AJ	Ok,M
15	PB164360BL	PB164360BL	PL092602.D	24 Oct 2024 13:09		AR\AJ	Ok
16	PB164360BS	PB164360BS	PL092603.D	24 Oct 2024 13:22	Recovery Fail higher side ,Methoxychlor-I and Mirex-I	AR\AJ	Not Ok
17	PB164261TB	PB164261TB	PL092604.D	24 Oct 2024 13:36		AR\AJ	Ok

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102424

Review By	Abdul	Review On	10/25/2024 3:26:14 PM		
Supervise By	Ankita	Supervise On	10/28/2024 10:35:47 AM		
SubDirectory	PL102424	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	P4397-06	WB-301-BOT	PL092605.D	24 Oct 2024 13:49		AR\AJ	Ok,M
19	P4397-06MS	WB-301-BOTMS	PL092606.D	24 Oct 2024 14:03		AR\AJ	Ok,M
20	P4397-06MSD	WB-301-BOTMSD	PL092607.D	24 Oct 2024 14:16		AR\AJ	Ok,M
21	P4460-04	WB-303-BOT	PL092608.D	24 Oct 2024 14:30		AR\AJ	Ok,M
22	P4486-01	EO-03-102224	PL092609.D	24 Oct 2024 16:04		AR\AJ	Ok,M
23	PB164365BS	PB164365BS	PL092610.D	24 Oct 2024 16:17		AR\AJ	Ok,M
24	PB164365BL	PB164365BL	PL092611.D	24 Oct 2024 16:35		AR\AJ	Ok,M
25	I.BLK	I.BLK	PL092612.D	24 Oct 2024 16:48		AR\AJ	Ok,M
26	PSTDCCC050	PSTDCCC050	PL092613.D	24 Oct 2024 17:20		AR\AJ	Ok,M
27	PB164360BS	PB164360BS	PL092614.D	24 Oct 2024 17:38	Recovery Fail Higher side, Methoxychlor-I	AR\AJ	Not Ok
28	P4508-01	TP-3	PL092615.D	24 Oct 2024 17:52		AR\AJ	Ok,M
29	P4508-05	BP-F23	PL092616.D	24 Oct 2024 18:05		AR\AJ	Ok,M
30	P4508-09	BP-F22	PL092617.D	24 Oct 2024 18:19		AR\AJ	Ok,M
31	P4508-09MS	BP-F22MS	PL092618.D	24 Oct 2024 18:32		AR\AJ	Ok,M
32	P4508-09MSD	BP-F22MSD	PL092619.D	24 Oct 2024 18:46		AR\AJ	Ok,M
33	P4509-01	AU-06-10232024	PL092620.D	24 Oct 2024 18:59		AR\AJ	Ok,M
34	P4512-03	VNJ-212	PL092621.D	24 Oct 2024 19:12		AR\AJ	Ok,M
35	I.BLK	I.BLK	PL092622.D	24 Oct 2024 19:26		AR\AJ	Ok,M
36	PSTDCCC050	PSTDCCC050	PL092623.D	24 Oct 2024 19:39		AR\AJ	Ok,M

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102424

Review By	Abdul	Review On	10/25/2024 3:26:14 PM		
Supervise By	Ankita	Supervise On	10/28/2024 10:35:47 AM		
SubDirectory	PL102424	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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Instrument ID: ECD_L

Daily Analysis Runlog For Sequence/QCBatch ID # PL102624

Review By	Abdul	Review On	10/28/2024 9:31:07 AM		
Supervise By	Ankita	Supervise On	10/28/2024 10:46:33 AM		
SubDirectory	PL102624	HP Acquire Method		HP Processing Method	pl102124 8081

STD. NAME	STD REF.#
Tune/Reschk	PP23793,PP23517
Initial Calibration Stds	PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683
CCC	PP23686,PP23690,PP23695
Internal Standard/PEM	
ICV/I.BLK	PP23687,PP23693,PP23698
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PL092636.D	25 Oct 2024 14:55		AR\AJ	Ok
2	I.BLK	I.BLK	PL092637.D	25 Oct 2024 15:08		AR\AJ	Ok,M
3	PEM	PEM	PL092638.D	25 Oct 2024 15:22		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PL092639.D	25 Oct 2024 15:49		AR\AJ	Ok,M
5	PB164398BL	PB164398BL	PL092640.D	25 Oct 2024 16:46		AR\AJ	Ok,M
6	PB164398BS	PB164398BS	PL092641.D	25 Oct 2024 16:59		AR\AJ	Ok,M
7	PB164360BS	PB164360BS	PL092642.D	25 Oct 2024 17:35		AR\AJ	Ok,M
8	P4531-01	OR-03-102424	PL092643.D	25 Oct 2024 17:49		AR\AJ	Ok,M
9	P4547-01	BP-F-21	PL092644.D	25 Oct 2024 18:02		AR\AJ	Ok,M
10	P4545-01	VNJ-215	PL092645.D	25 Oct 2024 18:15	Surrogate Fail in both column , Decachlorobiphenyl	AR\AJ	ReRun
11	P4547-05	BP-F-20	PL092646.D	25 Oct 2024 18:29		AR\AJ	Ok,M
12	P4547-05MS	BP-F-20MS	PL092647.D	25 Oct 2024 18:42		AR\AJ	Ok,M
13	P4547-05MSD	BP-F-20MSD	PL092648.D	25 Oct 2024 18:56		AR\AJ	Ok,M
14	I.BLK	I.BLK	PL092649.D	25 Oct 2024 19:09		AR\AJ	Ok,M
15	PSTDCCC050	PSTDCCC050	PL092650.D	25 Oct 2024 19:49		AR\AJ	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB164261

SOP ID : M1311-TCLP-15

SDG No : N/A

Weigh By : JP

Balance ID : WC SC-4

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1

TCLP Filter ID : 114771

Start Prep Date : 10/18/2024 **Time :** 17:00

End Prep Date : 10/19/2024 **Time :** 10:15

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : JP

Supervisor By : 12

Standared 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	WP108622
HCL-TCLP,1N	N/A	WP108584
HNO3-TCLP,1N	N/A	WP108585
pH Strips	N/A	W1931,W1934,W2350,W2755
pH Strips	N/A	N/A
1 Liter Amber	N/A	23091
120ml Plastic bottle	N/A	21029
1:1 HNO3	MP81119	N/A

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after fiftration and before preservation. Tumbler T-1 CHECKED,30 RPM. Particle size reduction is not required. p4460-04 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/21/24 0810	JP TCLP Room	JPP EXT
	Preparation Group	Analysis Group 10/24 pjg

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB164261

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
P4397-06	WB-301-BOT	01	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
P4443-05	OG-315-HR-502-COMP-29	02	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
P4443-10	OG-315-HR-502-COMP-30	03	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
P4458-02	280517	04	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
P4460-04	WB-303-BOT	05	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
PB164261TB	LEB261	06	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
P4397-06	WB-301-BOT	N/A	N/A	N/A	N/A	100	N/A
P4443-05	OG-315-HR-502-COMP-29	N/A	N/A	N/A	N/A	100	N/A
P4443-10	OG-315-HR-502-COMP-30	N/A	N/A	N/A	N/A	100	N/A
P4458-02	280517	N/A	N/A	N/A	N/A	100	N/A
P4460-04	WB-303-BOT	N/A	N/A	N/A	N/A	100	N/A
PB164261TB	LEB261	N/A	N/A	N/A	N/A	N/A	N/A

Alliance TECHNICAL GROUP

TCLP Fluid Determination

PB164261

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
P4397-06	WB-301-BOT	5.02	96.5	7.4	2.5	#1	4.93
P4443-05	OG-315-HR-502-COMP-29	5.03	96.5	7.6	2.5	#1	4.93
P4443-10	OG-315-HR-502-COMP-30	5.02	96.5	6.0	2.0	#1	4.93
P4458-02	280517	5.01	96.5	7.6	2.5	#1	4.93
P4460-04	WB-303-BOT	5.02	96.5	8.4	3.0	#1	4.93
PB164261TB	LEB261	N/A	N/A	N/A	N/A	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP P4397 **WorkList ID :** 184595 **Department :** TCLP Extraction **Date :** 10-18-2024 14:05:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4397-06	WB-301-BOT	Solid	TCLP Extraction	Cool 4 deg C	PORT06		10/10/2024	1311
P4443-05	OG-315-HR-502-COMP-29	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	K51	10/17/2024	1311
P4443-10	OG-315-HR-502-COMP-30	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	K51	10/17/2024	1311
P4458-02	280517	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	K51	10/18/2024	1311
P4460-04	WB-303-BOT	Solid	TCLP Extraction	Cool 4 deg C	PORT06	K51	10/18/2024	1311

Date/Time 10.18.24 16:20

Raw Sample Received by: JQ WDC

Raw Sample Relinquished by: CP SR

Date/Time 10.18.24 18:30

Raw Sample Received by: CP SR

Raw Sample Relinquished by: JQ WDC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB164360

SOP ID: M3510C,3580A-Extraction Pesticide-16

Clean Up SOP #: N/A

Matrix : Water

Weigh By: EH

Extraction By: RJ

Balance check: RJ

Filter By: RJ

Balance ID: N/A

pH Meter ID: N/A

pH Strip Lot#: N/A

Hood ID: 4,6,7

Extraction Start Date : 10/22/2024

Extraction Start Time : 10:10

Extraction End Date : 10/22/2024

Extraction End Time : 16:00

Concentration By: EH

Supervisor By : rajesh

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP23638
Surrogate	1.0ML	200 PPB	PP23858
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2539
Baked Na2SO4	N/A	EP2546
Sand	N/A	E2865
Hexane	N/A	E3819
Florisil	N/A	E3806
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 -01,02

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/22/24	RP (Ext. Lab)	Y. P. Pest HPLC
16:05	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB164360

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

Concentration Date: 10/22/2024

Sample ID	Client Sample ID	Test	g / (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB164261TB	PB164261TB	TCLP Pesticide	100	6	RUPESH	rajesh	10			SEP-10
PB164360BL	PBLK360	TCLP Pesticide	1000	6	RUPESH	rajesh	10			11
PB164360BS	PLCS360	TCLP Pesticide	1000	6	RUPESH	rajesh	10			12
P4397-06	WB-301-BOT	TCLP Pesticide	100	6	RUPESH	rajesh	10	A		13
P4397-06MS	WB-301-BOTMS	TCLP Pesticide	100	6	RUPESH	rajesh	10	A		14
P4397-06MSD	WB-301-BOTMSD	TCLP Pesticide	100	6	RUPESH	rajesh	10	A		15
P4460-04	WB-303-BOT	TCLP Pesticide	100	6	RUPESH	rajesh	10	A		16

* **Extracts relinguished on the same date as received.**

10/22/24

Alliance TECHNICAL GROUP

TCLP EXTRACTION LOGPAGE

PB164261

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	Pr Pc
P4397-06	WB-301-BOT	01	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
P4443-05	OG-315-HR-502-COMP-29	02	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
P4443-10	OG-315-HR-502-COMP-30	03	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
P4458-02	280517	04	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
P4460-04	WB-303-BOT	05	100.03	2000	N/A	N/A	N/A	6.0	1.5	T-1
PB164261TB	LEB261	06	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1

10/21/2024

08:00

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

LAB CHRONICLE

OrderID:	P4397	**OrderDate:**	10/11/2024 3:19:00 PM
Client:	Portal Partners Tri-Venture	**Project:**	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	**Location:**	K32,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4397-01	**WB-301-TOP**	**SOIL**			**10/10/24**			**10/11/24**
			PCB	8082A		10/14/24	10/14/24	
			EPH	NJEPH		10/14/24	10/14/24	
			EPH	NJEPH		10/14/24	10/15/24	
P4397-02	**WB-301-BOT**	**SOIL**			**10/10/24**			**10/11/24**
			PCB	8082A		10/14/24	10/14/24	
			EPH	NJEPH		10/14/24	10/14/24	
			EPH	NJEPH		10/14/24	10/15/24	
P4397-04	**WB-301-SW**	**WATER**			**10/10/24**			**10/11/24**
			PCB	8082A		10/14/24	10/14/24	
P4397-06	**WB-301-BOT**	**TCLP**			**10/10/24**			**10/11/24**
			TCLP Herbicide	8151A		10/24/24	10/24/24	
			TCLP Pesticide	8081B		10/22/24	10/24/24	