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Hit Summary Sheet
SW-846

SDG No.:

Q2832

Order ID:

Q2832

Client:

Portal Partners Tri-Venture

Project ID:

Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				Total Concentration:	0.000			



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	08/15/25	
Client Sample ID:	PB169212TB		SDG No.:	Q2832	
Lab Sample ID:	PB169212TB		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089938.D	1	08/15/25 09:50	08/15/25 22:02	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.9		30 (57) - 150 (171)	125%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.0		30 (61) - 150 (148)	125%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S01	SDG No.:	Q2832
Lab Sample ID:	Q2832-02	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089919.D	1	08/15/25 09:50	08/15/25 16:43	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.5		30 (57) - 150 (171)	82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		30 (61) - 150 (148)	113%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S02	SDG No.:	Q2832
Lab Sample ID:	Q2832-04	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089922.D	1	08/15/25 09:50	08/15/25 17:39	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.6		30 (57) - 150 (171)	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.4		30 (61) - 150 (148)	122%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S03	SDG No.:	Q2832
Lab Sample ID:	Q2832-06	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089923.D	1	08/15/25 09:50	08/15/25 17:52	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.1		30 (57) - 150 (171)	90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		30 (61) - 150 (148)	113%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	08/11/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	08/12/25	
Client Sample ID:	TG-S04		SDG No.:	Q2832	
Lab Sample ID:	Q2832-08		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089924.D	1	08/15/25 09:50	08/15/25 18:06	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.0		30 (57) - 150 (171)	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.4		30 (61) - 150 (148)	117%	SPK: 20

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B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	08/12/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	08/12/25	
Client Sample ID:	TG-S05		SDG No.:	Q2832	
Lab Sample ID:	Q2832-10		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089928.D	1	08/15/25 09:50	08/15/25 19:04	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.1		30 (57) - 150 (171)	100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		30 (61) - 150 (148)	106%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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QC SUMMARY

Surrogate Summary

SDG No.: **Q2832**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD089685.D	PIBLK-PD089685.D	Decachlorobiphen	1	20	20.9	104		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.6	98		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.9	104		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	20.4	102		30 (61)	150 (148)
I.BLK-PD089913.D	PIBLK-PD089913.D	Decachlorobiphen	1	20	19.6	98		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.3	96		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.1	116		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	24.5	123		30 (61)	150 (148)
Q2832-02	TG-S01	Decachlorobiphen	1	20	16.0	80		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.7	89		30 (61)	150 (148)
		Decachlorobiphen	2	20	16.5	82		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.6	113		30 (61)	150 (148)
Q2832-02MS	TG-S01MS	Decachlorobiphen	1	20	16.6	83		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.9	94		30 (61)	150 (148)
		Decachlorobiphen	2	20	17.4	87		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.7	113		30 (61)	150 (148)
Q2832-02MSD	TG-S01MSD	Decachlorobiphen	1	20	16.6	83		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.9	94		30 (61)	150 (148)
		Decachlorobiphen	2	20	18.2	91		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.6	113		30 (61)	150 (148)
Q2832-04	TG-S02	Decachlorobiphen	1	20	19.0	95		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.7	98		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.6	103		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	24.4	122		30 (61)	150 (148)
Q2832-06	TG-S03	Decachlorobiphen	1	20	16.9	84		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.3	92		30 (61)	150 (148)
		Decachlorobiphen	2	20	18.1	90		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	22.6	113		30 (61)	150 (148)
Q2832-08	TG-S04	Decachlorobiphen	1	20	18.1	90		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	18.7	93		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.0	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	23.4	117		30 (61)	150 (148)
I.BLK-PD089925.D	PIBLK-PD089925.D	Decachlorobiphen	1	20	21.0	105		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.1	100		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.9	119		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	25.4	127		30 (61)	150 (148)
Q2832-10	TG-S05	Decachlorobiphen	1	20	17.3	86		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	16.9	84		30 (61)	150 (148)
		Decachlorobiphen	2	20	20.1	100		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	21.2	106		30 (61)	150 (148)
I.BLK-PD089934.D	PIBLK-PD089934.D	Decachlorobiphen	1	20	21.5	107		30 (57)	150 (171)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q2832

Client: Portal Partners Tri-Venture

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PD089934.D	PIBLK-PD089934.D	Tetrachloro-m-xyl	1	20	20.1	100		30 (61)	150 (148)
		Decachlorobiphen	2	20	23.5	118		30 (57)	150 (171)
PB169263BL	PB169263BL	Tetrachloro-m-xyl	2	20	24.9	125		30 (61)	150 (148)
		Decachlorobiphen	1	20	22.3	112		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	20.4	102		30 (61)	150 (148)
		Decachlorobiphen	2	20	26.0	130		30 (57)	150 (171)
PB169263BS	PB169263BS	Tetrachloro-m-xyl	2	20	26.3	131		30 (61)	150 (148)
		Decachlorobiphen	1	20	19.7	98		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	17.6	88		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.7	114		30 (57)	150 (171)
PB169212TB	PB169212TB	Tetrachloro-m-xyl	2	20	22.5	112		30 (61)	150 (148)
		Decachlorobiphen	1	20	21.3	106		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.4	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	24.9	125		30 (57)	150 (171)
I.BLK-PD089945.D	PIBLK-PD089945.D	Tetrachloro-m-xyl	2	20	25.0	125		30 (61)	150 (148)
		Decachlorobiphen	1	20	19.3	97		30 (57)	150 (171)
		Tetrachloro-m-xyl	1	20	19.3	97		30 (61)	150 (148)
		Decachlorobiphen	2	20	22.7	114		30 (57)	150 (171)
		Tetrachloro-m-xyl	2	20	25.1	126		30 (61)	150 (148)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2832</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Portal Partners Tri-Venture</u>	DataFile :	<u>PD089920.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		
			Result	Result			Qual	RPD	Qual	Low	High	RPD	
Lab Sample ID:	Q2832-02MS	Client Sample ID:		TG-S01MS									
	(Column 1)												
	gamma-BHC (Lindane)	5	0	5.10	ug/L	102					30 (60)	150 (152)	
	Heptachlor	5	0	4.60	ug/L	92					30 (56)	150 (147)	
	Heptachlor epoxide	5	0	4.70	ug/L	94					30 (77)	150 (143)	
	Endrin	5	0	4.70	ug/L	94					30 (76)	150 (144)	
	Methoxychlor	5	0	4.30	ug/L	86					30 (70)	150 (142)	
Lab Sample ID:	Q2832-02MS	Client Sample ID:		TG-S01MS									
	(Column 2)												
	gamma-BHC (Lindane)	5	0	5.90	ug/L	118					30 (60)	150 (152)	
	Heptachlor	5	0	5.40	ug/L	108					30 (56)	150 (147)	
	Heptachlor epoxide	5	0	5.80	ug/L	116					30 (77)	150 (143)	
	Endrin	5	0	5.60	ug/L	112					30 (76)	150 (144)	
	Methoxychlor	5	0	5.30	ug/L	106					30 (70)	150 (142)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2832</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Portal Partners Tri-Venture</u>	DataFile :	<u>PD089921.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Low	Limits	
			Qual	RPD			Qual	High	RPD			
Lab Sample ID:	Q2832-02MSD	Client Sample ID:		TG-S01MSD								
	(Column 1)											
	gamma-BHC (Lindane)	5	0	5.10	ug/L	102		0		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	4.60	ug/L	92		0		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	4.80	ug/L	96		2		30 (77)	150 (143)	20 (20)
	Endrin	5	0	4.70	ug/L	94		0		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	4.30	ug/L	86		0		30 (70)	150 (142)	20 (20)
Lab Sample ID:	Q2832-02MSD	Client Sample ID:		TG-S01MSD								
	(Column 2)											
	gamma-BHC (Lindane)	5	0	5.90	ug/L	118		0		30 (60)	150 (152)	20 (20)
	Heptachlor	5	0	5.50	ug/L	110		2		30 (56)	150 (147)	20 (20)
	Heptachlor epoxide	5	0	5.80	ug/L	116		0		30 (77)	150 (143)	20 (20)
	Endrin	5	0	5.80	ug/L	116		4		30 (76)	150 (144)	20 (20)
	Methoxychlor	5	0	5.40	ug/L	108		2		30 (70)	150 (142)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2832</u>	Analytical Method:	<u>8081B</u>
Client:	<u>Portal Partners Tri-Venture</u>	Datafile :	<u>PD089937.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169263BS (Column 1)	gamma-BHC (Lindane)	0.5	0.48	ug/L	96				40 (82)	140 (129)		
	Heptachlor	0.5	0.47	ug/L	94				40 (79)	140 (127)		
	Heptachlor epoxide	0.5	0.47	ug/L	94				40 (81)	140 (124)		
	Endrin	0.5	0.46	ug/L	91				40 (81)	140 (128)		
	Methoxychlor	0.5	0.44	ug/L	87				40 (78)	140 (108)		
PB169263BS (Column 2)	gamma-BHC (Lindane)	0.5	0.58	ug/L	115				40 (82)	140 (129)		
	Heptachlor	0.5	0.56	ug/L	113				40 (79)	140 (127)		
	Heptachlor epoxide	0.5	0.57	ug/L	115				40 (81)	140 (124)		
	Endrin	0.5	0.57	ug/L	114				40 (81)	140 (128)		
	Methoxychlor	0.5	0.56	ug/L	113				40 (78)	140 (108)		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169263BL

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Lab Sample ID: PB169263BL

Lab File ID: PD089936.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 08/15/2025

Date Analyzed (1): 08/15/2025

Date Analyzed (2): 08/15/2025

Time Analyzed (1): 21:34

Time Analyzed (2): 21:34

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
TG-S01	Q2832-02	PD089919.D	08/15/2025	08/15/2025
TG-S01MS	Q2832-02MS	PD089920.D	08/15/2025	08/15/2025
TG-S01MSD	Q2832-02MSD	PD089921.D	08/15/2025	08/15/2025
TG-S02	Q2832-04	PD089922.D	08/15/2025	08/15/2025
TG-S03	Q2832-06	PD089923.D	08/15/2025	08/15/2025
TG-S04	Q2832-08	PD089924.D	08/15/2025	08/15/2025
TG-S05	Q2832-10	PD089928.D	08/15/2025	08/15/2025
PB169263BS	PB169263BS	PD089937.D	08/15/2025	08/15/2025
PB169212TB	PB169212TB	PD089938.D	08/15/2025	08/15/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169263BL	SDG No.:	Q2832
Lab Sample ID:	PB169263BL	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD089936.D	1	08/15/25 09:50	08/15/25 21:34	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	26.0		30 (57) - 150 (171)	130%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.3		30 (61) - 150 (148)	131%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	07/31/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	07/31/25	
Client Sample ID:	PIBLK-PD089685.D		SDG No.:	Q2832	
Lab Sample ID:	I.BLK-PD089685.D		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089685.D	1		07/31/25	pd073125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		30 (57) - 150 (171)	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		30 (61) - 150 (148)	102%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	08/15/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	08/15/25	
Client Sample ID:	PIBLK-PD089913.D		SDG No.:	Q2832	
Lab Sample ID:	I.BLK-PD089913.D		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089913.D	1		08/15/25	pd081625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.1		30 (57) - 150 (171)	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.5		30 (61) - 150 (148)	123%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	08/15/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	08/15/25	
Client Sample ID:	PIBLK-PD089925.D		SDG No.:	Q2832	
Lab Sample ID:	I.BLK-PD089925.D		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089925.D	1		08/15/25	pd081625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.9		30 (57) - 150 (171)	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.4		30 (61) - 150 (148)	127%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	08/15/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	08/15/25	
Client Sample ID:	PIBLK-PD089934.D		SDG No.:	Q2832	
Lab Sample ID:	I.BLK-PD089934.D		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089934.D	1		08/15/25	pd081625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.5		30 (57) - 150 (171)	118%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.9		30 (61) - 150 (148)	125%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	08/15/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	08/15/25	
Client Sample ID:	PIBLK-PD089945.D		SDG No.:	Q2832	
Lab Sample ID:	I.BLK-PD089945.D		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089945.D	1		08/15/25	pd081625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		30 (57) - 150 (171)	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.1		30 (61) - 150 (148)	126%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB169263BS	SDG No.:	Q2832
Lab Sample ID:	PB169263BS	Matrix:	TCLP
Analytical Method:	8081B	% 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
PD089937.D	1	08/15/25 09:50	08/15/25 21:48	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.58		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.56		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.57		0.0096	0.050	ug/L
72-20-8	Endrin	0.57		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.56		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		30 (57) - 150 (171)	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.5		30 (61) - 150 (148)	112%	SPK: 20

Comments:

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	08/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	08/12/25
Client Sample ID:	TG-S01MS	SDG No.:	Q2832
Lab Sample ID:	Q2832-02MS	Matrix:	TCLP
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD089920.D	1	08/15/25 09:50	08/15/25 16:57	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.90		0.037	0.50	ug/L
76-44-8	Heptachlor	5.40		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.60		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.30		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.4		30 (57) - 150 (171)	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		30 (61) - 150 (148)	113%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	08/11/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	08/12/25	
Client Sample ID:	TG-S01MSD		SDG No.:	Q2832	
Lab Sample ID:	Q2832-02MSD		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PD089921.D	1	08/15/25 09:50	08/15/25 17:10	PB169263

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.90		0.037	0.50	ug/L
76-44-8	Heptachlor	5.50		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.80		0.096	0.50	ug/L
72-20-8	Endrin	5.80		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.40		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.2		30 (57) - 150 (171)	91%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		30 (61) - 150 (148)	113%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

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

Calibration Times: 11:47 12:41

LAB FILE ID:	RT 100 =	<u>PD089688.D</u>	RT 075 =	<u>PD089689.D</u>
	RT 050 =	PD089690.D	RT 025 =	PD089691.D
			RT 005 =	PD089692.D

[illegible]

A
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Calibration Times: **11:47** **12:41**

LAB FILE ID:	RT 100 =	<u>PD089688.D</u>	RT 075 =	<u>PD089689.D</u>
	RT 050 =	PD089690.D	RT 025 =	PD089691.D
			RT 005 =	PD089692.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: PORT06
SDG NO.: Q2832

Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

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

LAB FILE ID:		CF 100 =	<u>PD089688.D</u>	CF 075 =	<u>PD089689.D</u>		
CF 050 =		<u>PD089690.D</u>	CF 025 =	<u>PD089691.D</u>	CF 005 =	<u>PD089692.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	3483240000	3499950000	3619460000	3726220000	4252410000	3716260000	8
Endrin	3787000000	3635450000	3585320000	3393750000	3487070000	3577720000	4
gamma-BHC (Lindane)	5133650000	4854210000	4821480000	4482000000	4470410000	4752350000	6
Heptachlor	5124730000	4899870000	4838360000	4560780000	4633880000	4811520000	5
Heptachlor epoxide	4345440000	4178710000	4148850000	3977860000	4252730000	4180720000	3
Methoxychlor	1771080000	1750920000	1777320000	1770160000	1870390000	1787970000	3
Tetrachloro-m-xylene	2500060000	2427080000	2456600000	2403480000	2545710000	2466590000	2

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_D

Contract: PORT06
SDG NO.: Q2832

Calibration Date(s): 07/31/2025 07/31/2025
Calibration Times: 11:47 12:41

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

LAB FILE ID:		CF 100 =	<u>PD089688.D</u>	CF 075 =	<u>PD089689.D</u>		
CF 050 =		<u>PD089690.D</u>	CF 025 =	<u>PD089691.D</u>	CF 005 =	<u>PD089692.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	19095200000	18752300000	19614700000	20093800000	22833900000	20078000000	8
Endrin	18955800000	18701800000	19397300000	19737400000	22833500000	19925200000	8
gamma-BHC (Lindane)	22053600000	21570700000	22138000000	22412100000	24446000000	22524100000	5
Heptachlor	22407100000	22028400000	22731800000	23177700000	25700800000	23209200000	6
Heptachlor epoxide	19711600000	19404700000	20096200000	20688400000	22848400000	20549800000	7
Methoxychlor	9410250000	9296740000	9702690000	9950740000	10617100000	9795500000	5
Tetrachloro-m-xylene	15162800000	14913400000	15457700000	15824900000	17830500000	15837800000	7

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: PORT06

Lab Code: ACE SDG NO.: Q2832

Instrument ID: ECD_D Date(s) Analyzed: 07/31/2025 07/31/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.71	4.61	4.81	168988000
		2	5.24	5.14	5.34	170278000
		3	5.94	5.84	6.04	702984000
		4	6.03	5.93	6.13	852664000
		5	6.87	6.77	6.97	145967000
Toxaphene	500	1	6.24	6.14	6.34	34887000
		2	6.44	6.34	6.54	46683300
		3	7.15	7.05	7.25	91652600
		4	7.56	7.46	7.66	120732000
		5	7.93	7.83	8.03	68165800

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance
Contract: PORT06

Lab Code: ACE
SDG NO.: Q2832

Instrument ID: ECD_D
Date(s) Analyzed: 07/31/2025 07/31/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.90	3.80	4.00	745334000
		2	4.48	4.38	4.58	777672000
		3	5.12	5.02	5.22	2340540000
		4	5.19	5.09	5.29	2010150000
		5	6.09	5.99	6.19	925042000
Toxaphene	500	1	5.47	5.37	5.57	159990000
		2	5.64	5.54	5.74	108562000
		3	6.75	6.65	6.85	519577000
		4	7.19	7.09	7.29	361556000
		5	7.32	7.22	7.42	254114000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Continuing Calib Date: 08/15/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 13:53

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Continuing Calib Date: 08/15/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 13:53

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **SDG NO.:** Q2832
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/15/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089914.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.069	8.971	9.171	41.490	50.000	-17.0
Endrin	6.572	6.472	6.672	42.180	50.000	-15.6
gamma-BHC (Lindane)	4.329	4.228	4.428	46.180	50.000	-7.6
Heptachlor	4.927	4.827	5.027	43.520	50.000	-13.0
Heptachlor epoxide	5.689	5.589	5.789	44.170	50.000	-11.7
Methoxychlor	7.491	7.392	7.592	41.550	50.000	-16.9
Tetrachloro-m-xylene	3.549	3.448	3.648	45.100	50.000	-9.8

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **SDG NO.:** Q2832
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/15/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089914.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.067	7.968	8.168	48.370	50.000	-3.3
Endrin	5.786	5.685	5.885	57.310	50.000	14.6
gamma-BHC (Lindane)	3.727	3.626	3.826	54.950	50.000	9.9
Heptachlor	4.080	3.979	4.179	52.420	50.000	4.8
Heptachlor epoxide	4.869	4.769	4.969	53.730	50.000	7.5
Methoxychlor	6.750	6.650	6.850	52.950	50.000	5.9
Tetrachloro-m-xylene	2.879	2.778	2.978	54.350	50.000	8.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Continuing Calib Date: 08/15/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 18:47

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Continuing Calib Date: 08/15/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 18:47

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **SDG NO.:** Q2832
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/15/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089927.D **Time Analyzed:** 18:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.069	8.971	9.171	42.760	50.000	-14.5
Endrin	6.572	6.472	6.672	44.560	50.000	-10.9
gamma-BHC (Lindane)	4.328	4.228	4.428	46.890	50.000	-6.2
Heptachlor	4.927	4.827	5.027	45.460	50.000	-9.1
Heptachlor epoxide	5.688	5.589	5.789	46.090	50.000	-7.8
Methoxychlor	7.491	7.392	7.592	43.140	50.000	-13.7
Tetrachloro-m-xylene	3.548	3.448	3.648	45.800	50.000	-8.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **SDG NO.:** Q2832
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/15/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089927.D **Time Analyzed:** 18:47

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.066	7.968	8.168	49.440	50.000	-1.1
Endrin	5.785	5.685	5.885	58.720	50.000	17.4
gamma-BHC (Lindane)	3.727	3.626	3.826	55.750	50.000	11.5
Heptachlor	4.079	3.979	4.179	54.290	50.000	8.6
Heptachlor epoxide	4.869	4.769	4.969	54.870	50.000	9.7
Methoxychlor	6.749	6.650	6.850	56.650	50.000	13.3
Tetrachloro-m-xylene	2.878	2.778	2.978	55.020	50.000	10.0

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Continuing Calib Date: 08/15/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 20:39

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Continuing Calib Date: 08/15/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 20:39

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.01
Methoxychlor	6.75	6.75	6.65	6.85	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **SDG NO.:** Q2832
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/15/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089935.D **Time Analyzed:** 20:39

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.068	8.971	9.171	44.170	50.000	-11.7
Endrin	6.571	6.472	6.672	44.210	50.000	-11.6
gamma-BHC (Lindane)	4.328	4.228	4.428	46.500	50.000	-7.0
Heptachlor	4.927	4.827	5.027	45.060	50.000	-9.9
Heptachlor epoxide	5.688	5.589	5.789	45.890	50.000	-8.2
Methoxychlor	7.490	7.392	7.592	43.220	50.000	-13.6
Tetrachloro-m-xylene	3.548	3.448	3.648	45.570	50.000	-8.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **SDG NO.:** Q2832
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/15/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089935.D **Time Analyzed:** 20:39

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.065	7.968	8.168	49.970	50.000	-0.1
Endrin	5.785	5.685	5.885	58.980	50.000	18.0
gamma-BHC (Lindane)	3.727	3.626	3.826	55.740	50.000	11.5
Heptachlor	4.080	3.979	4.179	54.350	50.000	8.7
Heptachlor epoxide	4.869	4.769	4.969	54.750	50.000	9.5
Methoxychlor	6.748	6.650	6.850	57.120	50.000	14.2
Tetrachloro-m-xylene	2.878	2.778	2.978	55.190	50.000	10.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Continuing Calib Date: 08/16/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 00:05

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.07	9.07	8.97	9.17	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.57	6.57	6.47	6.67	0.00
Methoxychlor	7.49	7.49	7.39	7.59	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Continuing Calib Date: 08/16/2025

Initial Calibration Date(s): 07/31/2025 07/31/2025

Continuing Calib Time: 00:05

Initial Calibration Time(s): 11:47 12:41

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Decachlorobiphenyl	8.07	8.07	7.97	8.17	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.08	3.98	4.18	0.00
Heptachlor epoxide	4.87	4.87	4.77	4.97	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.75	6.75	6.65	6.85	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **SDG NO.:** Q2832
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/16/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089947.D **Time Analyzed:** 00:05

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.067	8.971	9.171	43.440	50.000	-13.1
Endrin	6.572	6.472	6.672	45.050	50.000	-9.9
gamma-BHC (Lindane)	4.329	4.228	4.428	47.250	50.000	-5.5
Heptachlor	4.927	4.827	5.027	45.500	50.000	-9.0
Heptachlor epoxide	5.688	5.589	5.789	45.580	50.000	-8.8
Methoxychlor	7.490	7.392	7.592	43.920	50.000	-12.2
Tetrachloro-m-xylene	3.549	3.448	3.648	46.330	50.000	-7.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** PORT06
Lab Code: ACE **SDG NO.:** Q2832
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/31/2025 07/31/2025

Client Sample No.: CCAL04 **Date Analyzed:** 08/16/2025
Lab Sample No.: PSTDCCC050 **Data File :** PD089947.D **Time Analyzed:** 00:05

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.066	7.968	8.168	49.230	50.000	-1.5
Endrin	5.786	5.685	5.885	63.120	50.000	26.2
gamma-BHC (Lindane)	3.727	3.626	3.826	56.770	50.000	13.5
Heptachlor	4.079	3.979	4.179	55.190	50.000	10.4
Heptachlor epoxide	4.869	4.769	4.969	55.650	50.000	11.3
Methoxychlor	6.749	6.650	6.850	57.690	50.000	15.4
Tetrachloro-m-xylene	2.879	2.778	2.978	55.970	50.000	11.9

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089686.D Date Analyzed: 07/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:47

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.070	8.970	9.170	21.540	20.000	7.7
Tetrachloro-m-xylene	3.548	3.500	3.600	20.670	20.000	3.4
alpha-BHC	3.997	3.950	4.050	9.820	10.000	-1.8
beta-BHC	4.514	4.460	4.560	10.760	10.000	7.6
gamma-BHC (Lindane)	4.328	4.280	4.380	10.080	10.000	0.8
Endrin	6.572	6.500	6.640	54.730	50.000	9.5
4,4'-DDT	7.020	6.950	7.090	108.560	100.000	8.6
Methoxychlor	7.491	7.420	7.560	258.930	250.000	3.6

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089686.D Date Analyzed: 07/31/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:47

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.068	7.970	8.170	22.080	20.000	10.4
Tetrachloro-m-xylene	2.878	2.830	2.930	21.990	20.000	10.0
alpha-BHC	3.390	3.340	3.440	11.660	10.000	16.6
beta-BHC	4.022	3.970	4.070	11.840	10.000	18.4
gamma-BHC (Lindane)	3.726	3.680	3.780	11.700	10.000	17.0
Endrin	5.785	5.710	5.860	54.470	50.000	8.9
4,4'-DDT	6.179	6.110	6.250	108.020	100.000	8.0
Methoxychlor	6.750	6.680	6.820	237.190	250.000	-5.1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089905.D Date Analyzed: 08/15/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:51

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.069	8.970	9.170	17.640	20.000	-11.8
Tetrachloro-m-xylene	3.549	3.500	3.600	18.190	20.000	-9.1
alpha-BHC	3.998	3.950	4.050	8.690	10.000	-13.1
beta-BHC	4.515	4.460	4.570	9.900	10.000	-1.0
gamma-BHC (Lindane)	4.329	4.280	4.380	9.180	10.000	-8.2
Endrin	6.572	6.500	6.640	44.810	50.000	-10.4
4,4'-DDT	7.019	6.950	7.090	82.830	100.000	-17.2
Methoxychlor	7.491	7.420	7.560	192.090	250.000	-23.2

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089905.D Date Analyzed: 08/15/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:51

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.066	7.970	8.170	22.150	20.000	10.8
Tetrachloro-m-xylene	2.878	2.830	2.930	22.930	20.000	14.7
alpha-BHC	3.390	3.340	3.440	12.470	10.000	24.7
beta-BHC	4.022	3.970	4.070	12.280	10.000	22.8
gamma-BHC (Lindane)	3.727	3.680	3.780	12.320	10.000	23.2
Endrin	5.785	5.710	5.860	56.160	50.000	12.3
4,4'-DDT	6.178	6.110	6.250	107.180	100.000	7.2
Methoxychlor	6.748	6.680	6.820	212.250	250.000	-15.1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089926.D Date Analyzed: 08/15/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:33

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.068	8.970	9.170	18.370	20.000	-8.2
Tetrachloro-m-xylene	3.548	3.500	3.600	18.110	20.000	-9.5
alpha-BHC	3.997	3.950	4.050	8.580	10.000	-14.2
beta-BHC	4.514	4.460	4.560	9.770	10.000	-2.3
gamma-BHC (Lindane)	4.327	4.280	4.380	8.750	10.000	-12.5
Endrin	6.572	6.500	6.640	44.840	50.000	-10.3
4,4'-DDT	7.018	6.950	7.090	83.400	100.000	-16.6
Methoxychlor	7.490	7.420	7.560	194.930	250.000	-22.0

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/31/2025 07/31/2025

Client Sample No. (PEM): PEM - PD089926.D Date Analyzed: 08/15/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:33

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.066	7.970	8.170	20.880	20.000	4.4
Tetrachloro-m-xylene	2.878	2.830	2.930	22.770	20.000	13.9
alpha-BHC	3.389	3.340	3.440	12.060	10.000	20.6
beta-BHC	4.022	3.970	4.070	12.250	10.000	22.5
gamma-BHC (Lindane)	3.727	3.680	3.780	12.270	10.000	22.7
Endrin	5.785	5.710	5.860	57.440	50.000	14.9
4,4'-DDT	6.178	6.110	6.250	108.480	100.000	8.5
Methoxychlor	6.749	6.680	6.820	221.330	250.000	-11.5

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q2832
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_D
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/31/2025 07/31/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/31/2025	10:33	PD089685.D	9.08	3.56
PEM	PEM	07/31/2025	10:47	PD089686.D	9.07	3.55
RESCHK	RESCHK	07/31/2025	11:34	PD089687.D	9.08	3.56
PSTDICC100	PSTDICC100	07/31/2025	11:47	PD089688.D	9.07	3.55
PSTDICC075	PSTDICC075	07/31/2025	12:01	PD089689.D	9.07	3.55
PSTDICC050	PSTDICC050	07/31/2025	12:14	PD089690.D	9.07	3.55
PSTDICC025	PSTDICC025	07/31/2025	12:28	PD089691.D	9.07	3.55
PSTDICC005	PSTDICC005	07/31/2025	12:41	PD089692.D	9.07	3.55
PCHLORICC500	PCHLORICC500	07/31/2025	13:23	PD089695.D	9.07	3.55
PTOXICC500	PTOXICC500	07/31/2025	14:31	PD089700.D	9.07	3.55
PEM	PEM	08/15/2025	09:51	PD089905.D	9.07	3.55
IBLK	IBLK	08/15/2025	13:12	PD089913.D	9.08	3.56
PSTDCCC050	PSTDCCC050	08/15/2025	13:53	PD089914.D	9.07	3.55
TG-S01	Q2832-02	08/15/2025	16:43	PD089919.D	9.07	3.55
TG-S01MS	Q2832-02MS	08/15/2025	16:57	PD089920.D	9.07	3.55
TG-S01MSD	Q2832-02MSD	08/15/2025	17:10	PD089921.D	9.07	3.55
TG-S02	Q2832-04	08/15/2025	17:39	PD089922.D	9.08	3.56
TG-S03	Q2832-06	08/15/2025	17:52	PD089923.D	9.07	3.55
TG-S04	Q2832-08	08/15/2025	18:06	PD089924.D	9.07	3.55
IBLK	IBLK	08/15/2025	18:20	PD089925.D	9.07	3.55
PEM	PEM	08/15/2025	18:33	PD089926.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/15/2025	18:47	PD089927.D	9.07	3.55
TG-S05	Q2832-10	08/15/2025	19:04	PD089928.D	9.07	3.55
IBLK	IBLK	08/15/2025	20:26	PD089934.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/15/2025	20:39	PD089935.D	9.07	3.55
PB169263BL	PB169263BL	08/15/2025	21:34	PD089936.D	9.07	3.55
PB169263BS	PB169263BS	08/15/2025	21:48	PD089937.D	9.07	3.55
PB169212TB	PB169212TB	08/15/2025	22:02	PD089938.D	9.07	3.55
IBLK	IBLK	08/15/2025	23:38	PD089945.D	9.07	3.55
PSTDCCC050	PSTDCCC050	08/16/2025	00:05	PD089947.D	9.07	3.55

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q2832	
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_D	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 07/31/2025 07/31/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/31/2025	10:33	PD089685.D	8.07	2.88
PEM	PEM	07/31/2025	10:47	PD089686.D	8.07	2.88
RESCHK	RESCHK	07/31/2025	11:34	PD089687.D	8.07	2.88
PSTDICC100	PSTDICC100	07/31/2025	11:47	PD089688.D	8.07	2.88
PSTDICC075	PSTDICC075	07/31/2025	12:01	PD089689.D	8.07	2.88
PSTDICC050	PSTDICC050	07/31/2025	12:14	PD089690.D	8.07	2.88
PSTDICC025	PSTDICC025	07/31/2025	12:28	PD089691.D	8.07	2.88
PSTDICC005	PSTDICC005	07/31/2025	12:41	PD089692.D	8.07	2.88
PCHLORICC500	PCHLORICC500	07/31/2025	13:23	PD089695.D	8.07	2.88
PTOXICC500	PTOXICC500	07/31/2025	14:31	PD089700.D	8.07	2.88
PEM	PEM	08/15/2025	09:51	PD089905.D	8.07	2.88
IBLK	IBLK	08/15/2025	13:12	PD089913.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/15/2025	13:53	PD089914.D	8.07	2.88
TG-S01	Q2832-02	08/15/2025	16:43	PD089919.D	8.07	2.88
TG-S01MS	Q2832-02MS	08/15/2025	16:57	PD089920.D	8.07	2.88
TG-S01MSD	Q2832-02MSD	08/15/2025	17:10	PD089921.D	8.07	2.88
TG-S02	Q2832-04	08/15/2025	17:39	PD089922.D	8.07	2.88
TG-S03	Q2832-06	08/15/2025	17:52	PD089923.D	8.07	2.88
TG-S04	Q2832-08	08/15/2025	18:06	PD089924.D	8.07	2.88
IBLK	IBLK	08/15/2025	18:20	PD089925.D	8.07	2.88
PEM	PEM	08/15/2025	18:33	PD089926.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/15/2025	18:47	PD089927.D	8.07	2.88
TG-S05	Q2832-10	08/15/2025	19:04	PD089928.D	8.07	2.88
IBLK	IBLK	08/15/2025	20:26	PD089934.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/15/2025	20:39	PD089935.D	8.07	2.88
PB169263BL	PB169263BL	08/15/2025	21:34	PD089936.D	8.07	2.88
PB169263BS	PB169263BS	08/15/2025	21:48	PD089937.D	8.07	2.88
PB169212TB	PB169212TB	08/15/2025	22:02	PD089938.D	8.07	2.88
IBLK	IBLK	08/15/2025	23:38	PD089945.D	8.07	2.88
PSTDCCC050	PSTDCCC050	08/16/2025	00:05	PD089947.D	8.07	2.88

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169263BS

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Lab Sample ID: PB169263BS

Date(s) Analyzed: 08/15/2025 08/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	0.44	25.5
	2	6.75	6.70	6.80	0.56	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.48	18.2
	2	3.73	3.68	3.78	0.58	
Heptachlor	1	4.93	4.88	4.98	0.47	18
	2	4.08	4.03	4.13	0.56	
Heptachlor epoxide	1	5.69	5.64	5.74	0.47	20.2
	2	4.87	4.82	4.92	0.57	
Endrin	1	6.57	6.52	6.62	0.46	22.4
	2	5.79	5.74	5.84	0.57	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TG-S01MS

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Lab Sample ID: Q2832-02MS

Date(s) Analyzed: 08/15/2025 08/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	4.30	20.8
	2	6.75	6.70	6.80	5.30	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.10	14.5
	2	3.73	3.68	3.78	5.90	
Heptachlor	1	4.93	4.88	4.98	4.60	16
	2	4.08	4.03	4.13	5.40	
Heptachlor epoxide	1	5.69	5.64	5.74	4.70	21
	2	4.87	4.82	4.92	5.80	
Endrin	1	6.57	6.52	6.62	4.70	17.5
	2	5.79	5.74	5.84	5.60	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TG-S01MSD

Lab Name: Alliance

Contract: PORT06

Lab Code: ACE

SDG NO.: Q2832

Lab Sample ID: Q2832-02MSD

Date(s) Analyzed: 08/15/2025 08/15/2025

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.49	7.44	7.54	4.30	22.7
	2	6.75	6.70	6.80	5.40	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.10	14.5
	2	3.73	3.68	3.78	5.90	
Heptachlor	1	4.93	4.88	4.98	4.60	17.8
	2	4.08	4.03	4.13	5.50	
Heptachlor epoxide	1	5.69	5.64	5.74	4.80	18.9
	2	4.87	4.82	4.92	5.80	
Endrin	1	6.57	6.52	6.62	4.70	21
	2	5.79	5.74	5.84	5.80	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 22:02
Operator : AR\AJ
Sample : PB169212TB
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169212TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.878	47921637	395.6E6	19.428	24.977 #
28)	SA Decachlor...	9.068	8.065	79067180	499.9E6	21.276	24.899

Target Compounds

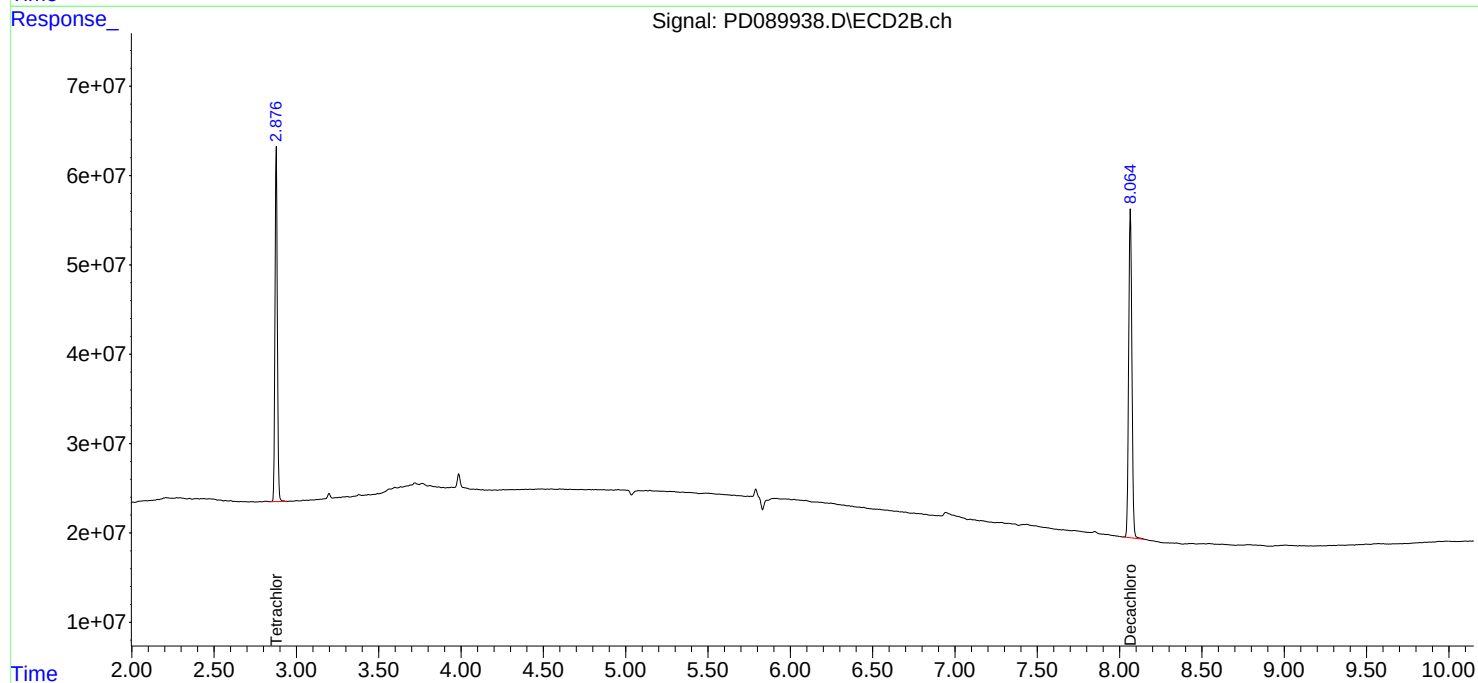
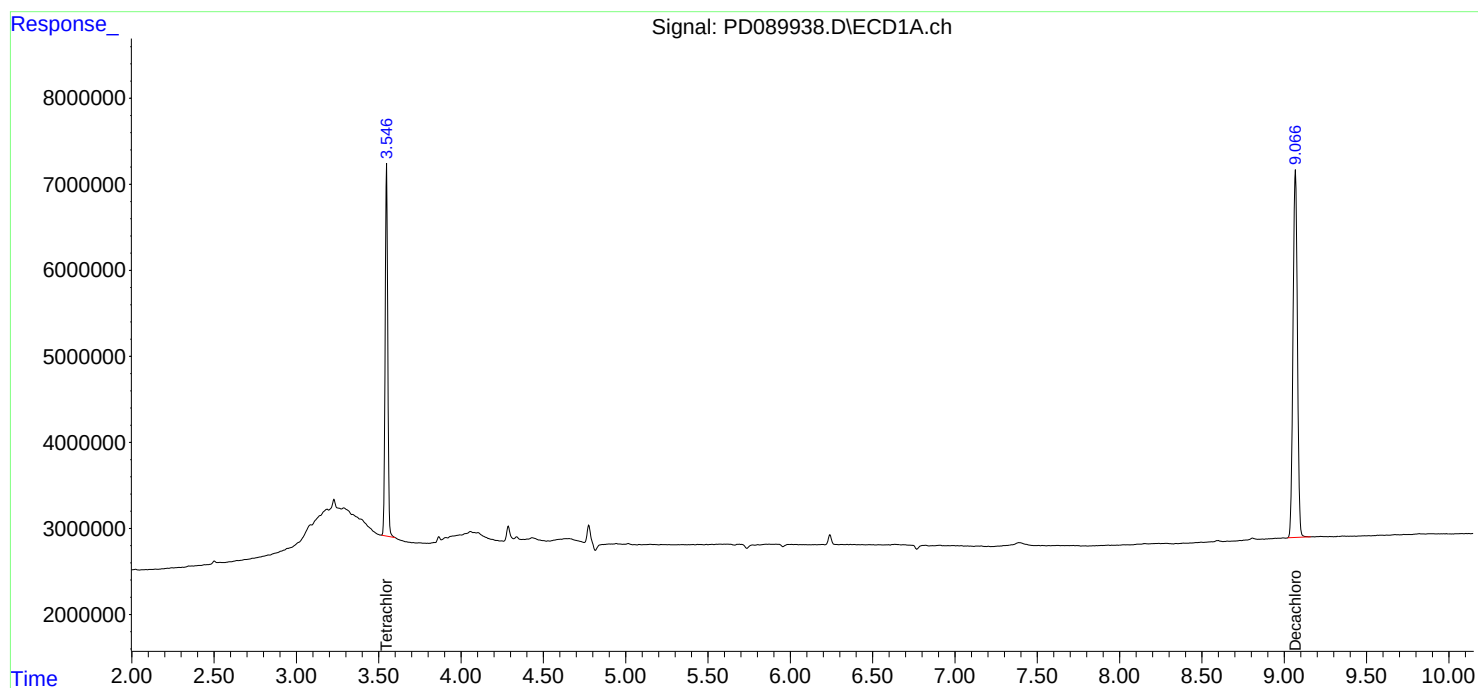
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

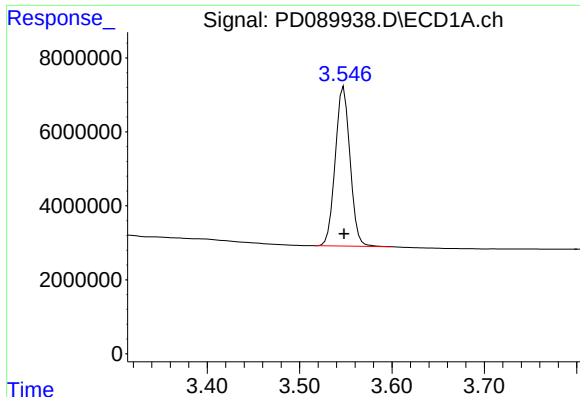
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 22:02
Operator : AR\AJ
Sample : PB169212TB
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169212TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

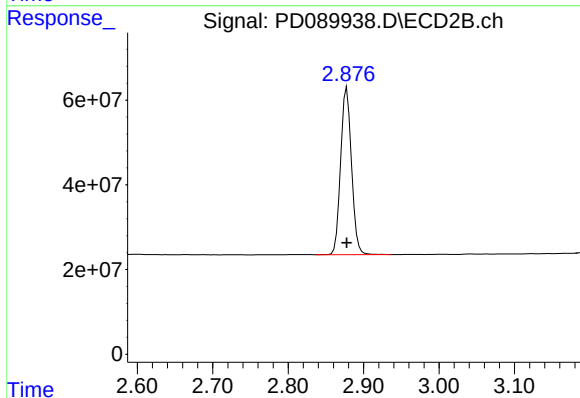




#1 Tetrachloro-m-xylene

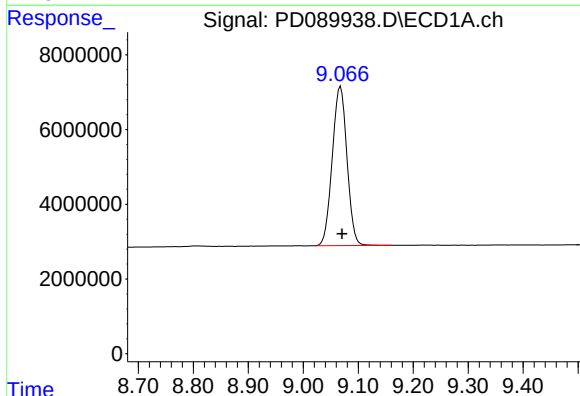
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 47921637
Conc: 19.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169212TB



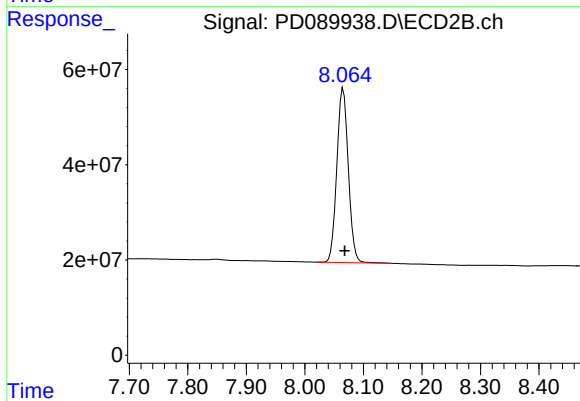
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 395577221
Conc: 24.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 79067180
Conc: 21.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 499916255
Conc: 24.90 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 16:43
Operator : AR\AJ
Sample : Q2832-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.878	43653891	357.5E6	17.698	22.573 #
28)	SA Decachlor...	9.068	8.066	59482474	330.8E6	16.006	16.474

Target Compounds

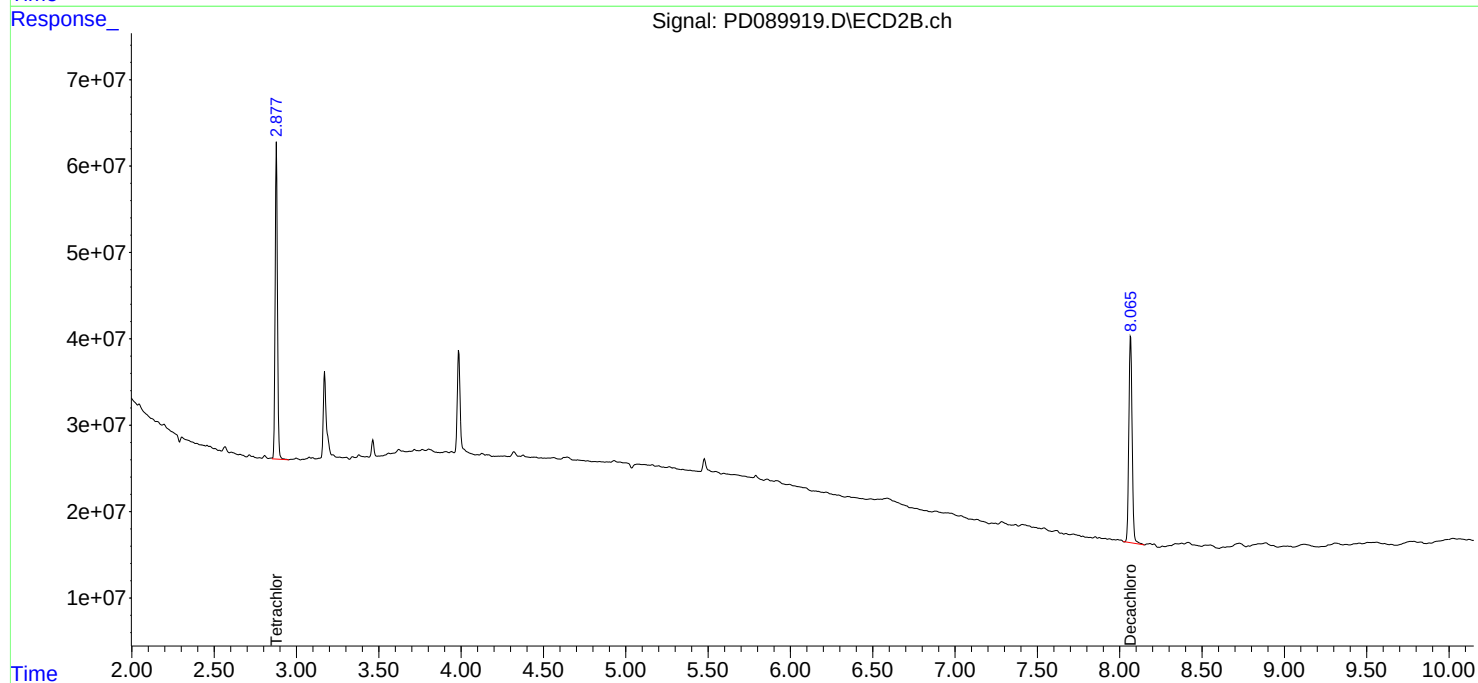
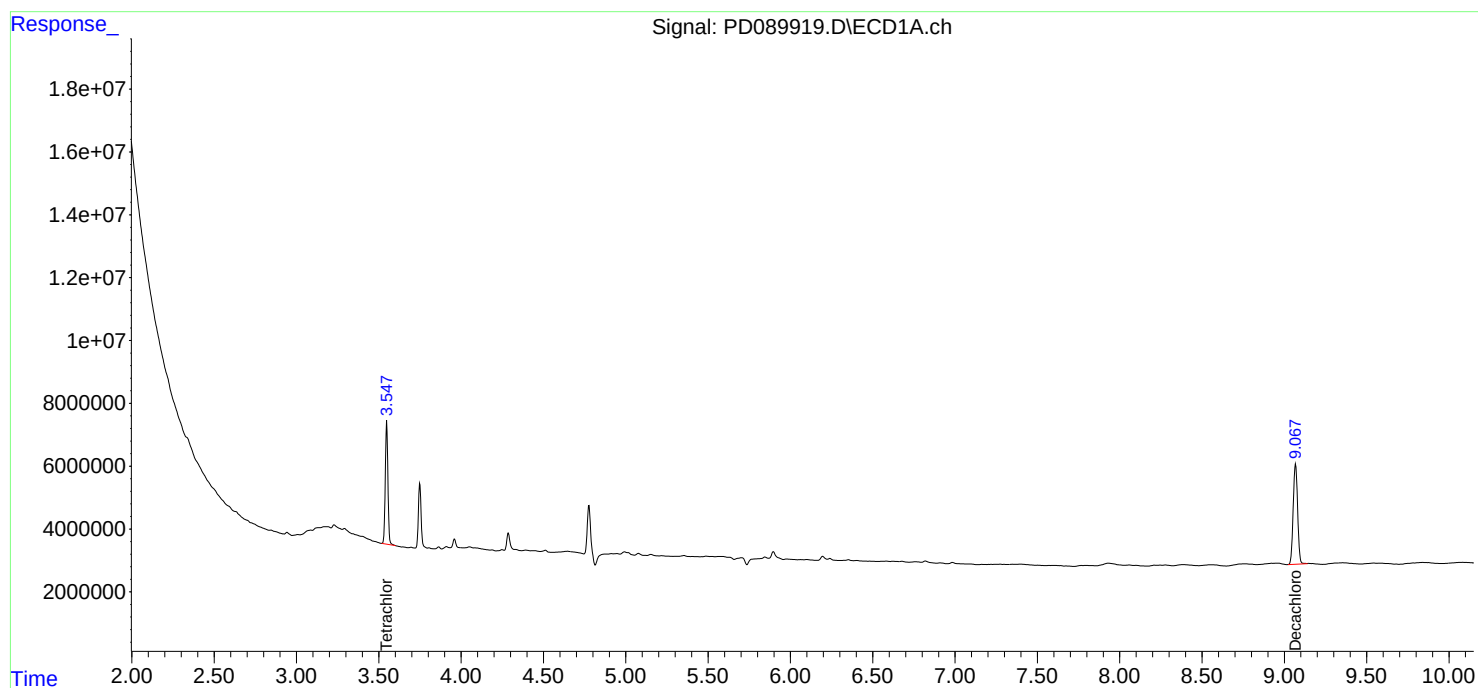
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

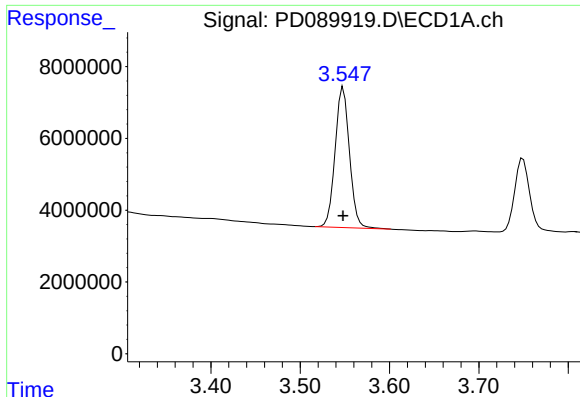
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 16:43
Operator : AR\AJ
Sample : Q2832-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

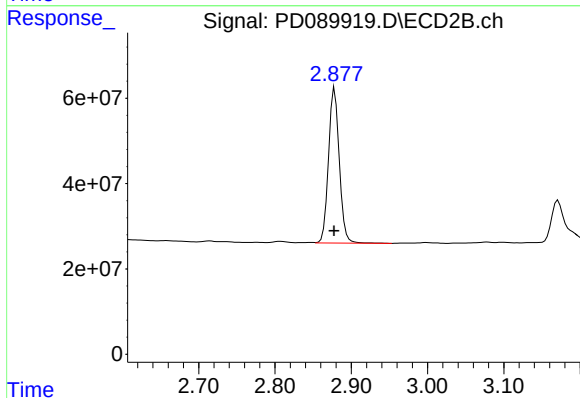




#1 Tetrachloro-m-xylene

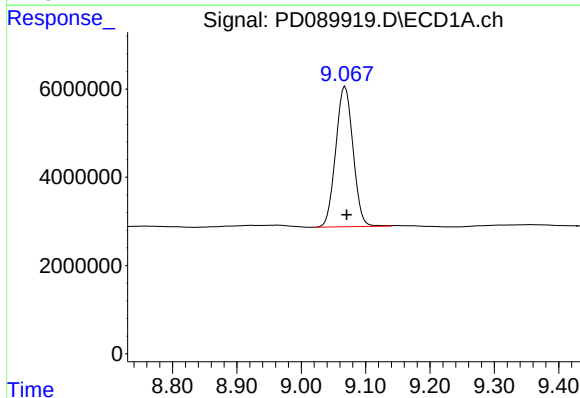
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 43653891
Conc: 17.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S01



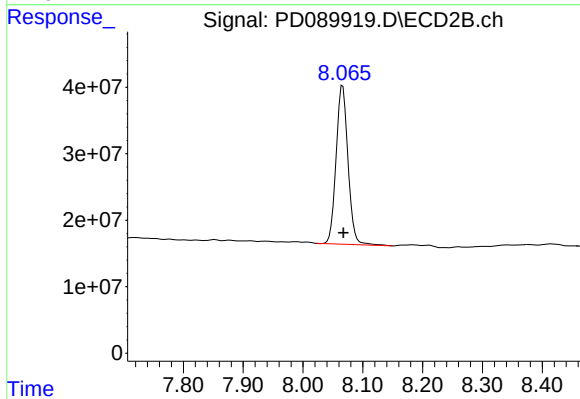
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 357507666
Conc: 22.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 59482474
Conc: 16.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.001 min
Response: 330756597
Conc: 16.47 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 17:39
Operator : AR\AJ
Sample : Q2832-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S02

A

B

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D

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L

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.556	2.877	48482171	386.6E6	19.656	24.407
28) SA Decachlor...	9.078	8.069	70622819	414.4E6	19.004	20.641

Target Compounds

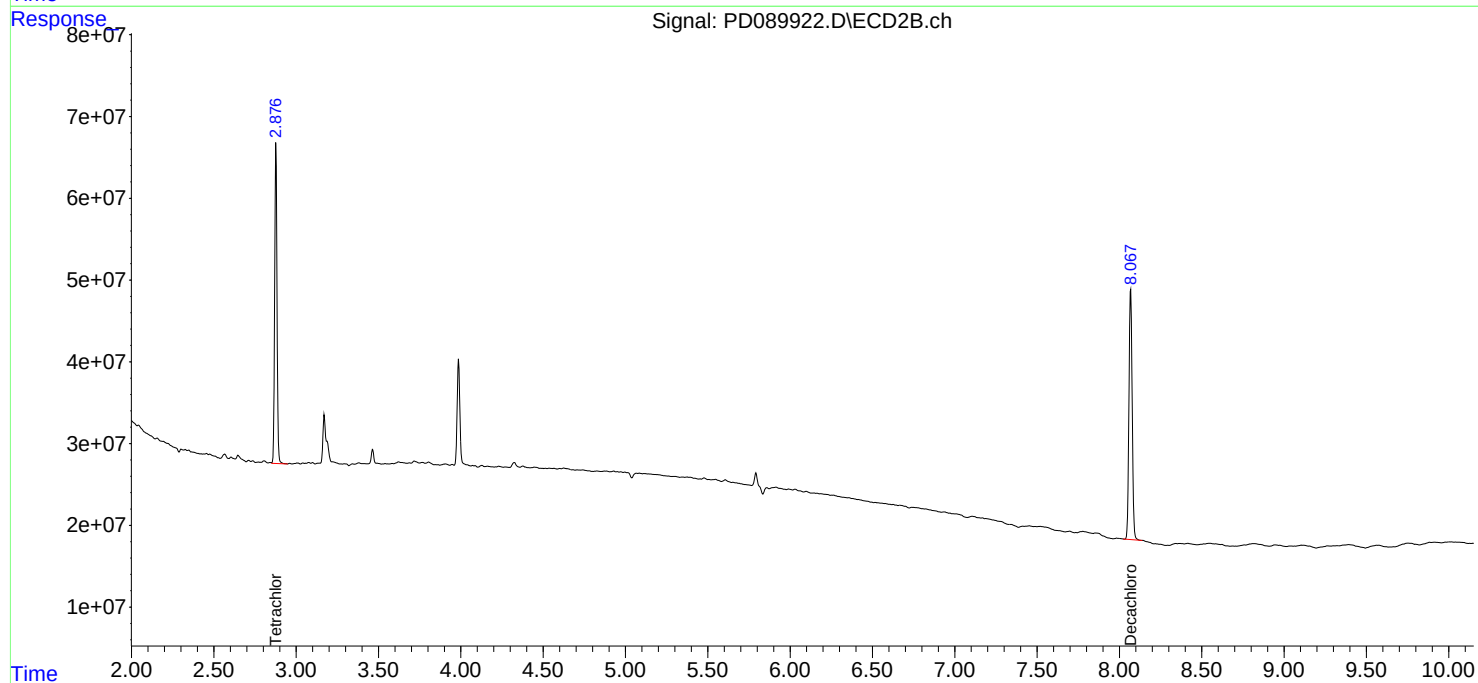
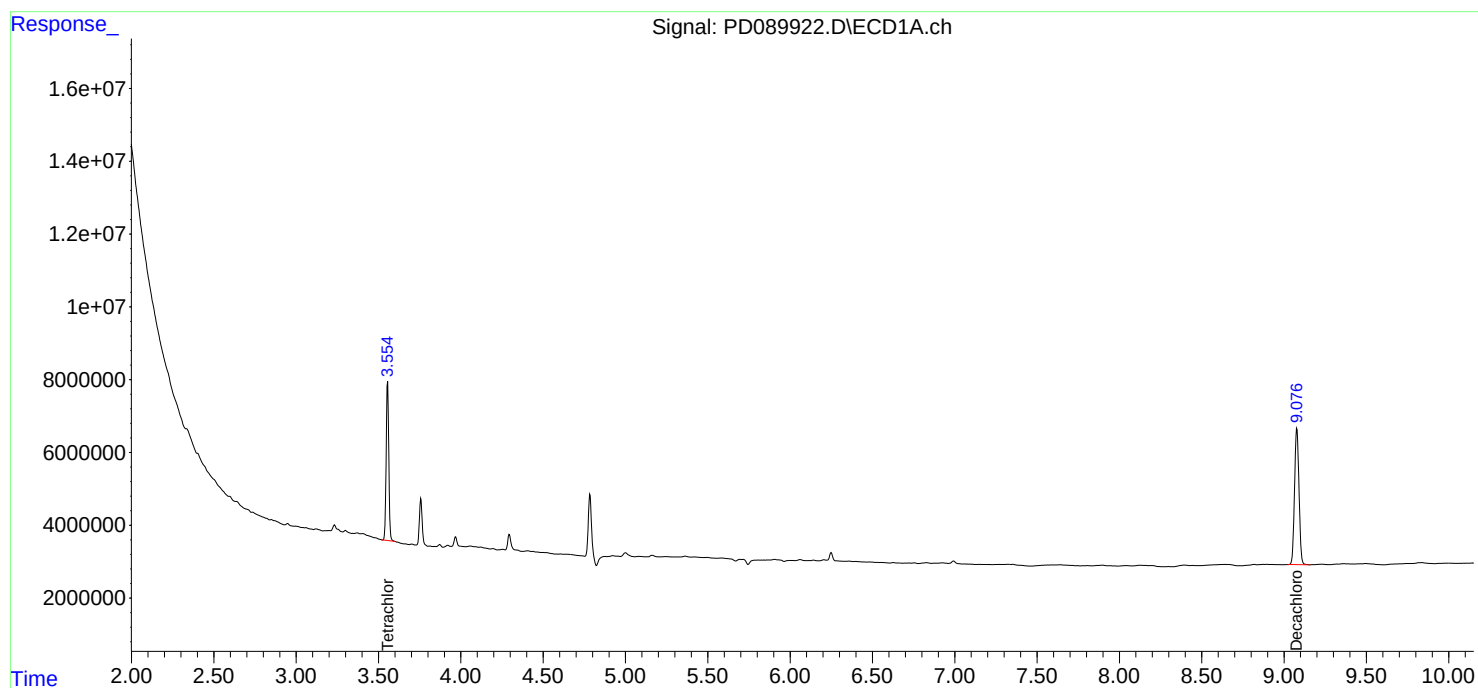
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

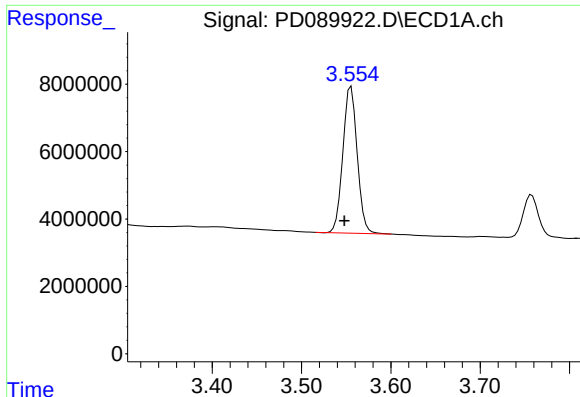
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 17:39
Operator : AR\AJ
Sample : Q2832-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

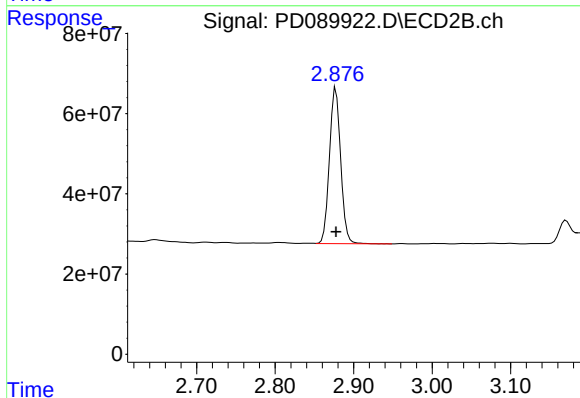




#1 Tetrachloro-m-xylene

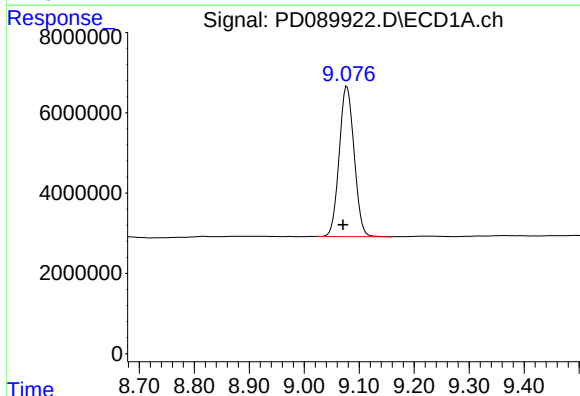
R.T.: 3.556 min
Delta R.T.: 0.008 min
Response: 48482171
Conc: 19.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S02



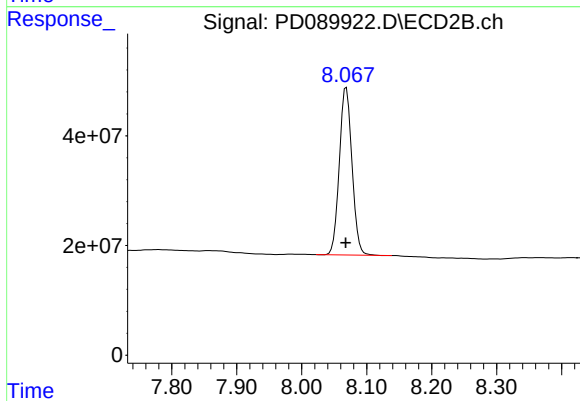
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 386552983
Conc: 24.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min
Delta R.T.: 0.007 min
Response: 70622819
Conc: 19.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 414430617
Conc: 20.64 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 17:52
Operator : AR\AJ
Sample : Q2832-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S03

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.549	2.878	45153923	358.2E6	18.306	22.620
28)	SA Decachlor...	9.070	8.067	62635978	363.3E6	16.855	18.092

Target Compounds

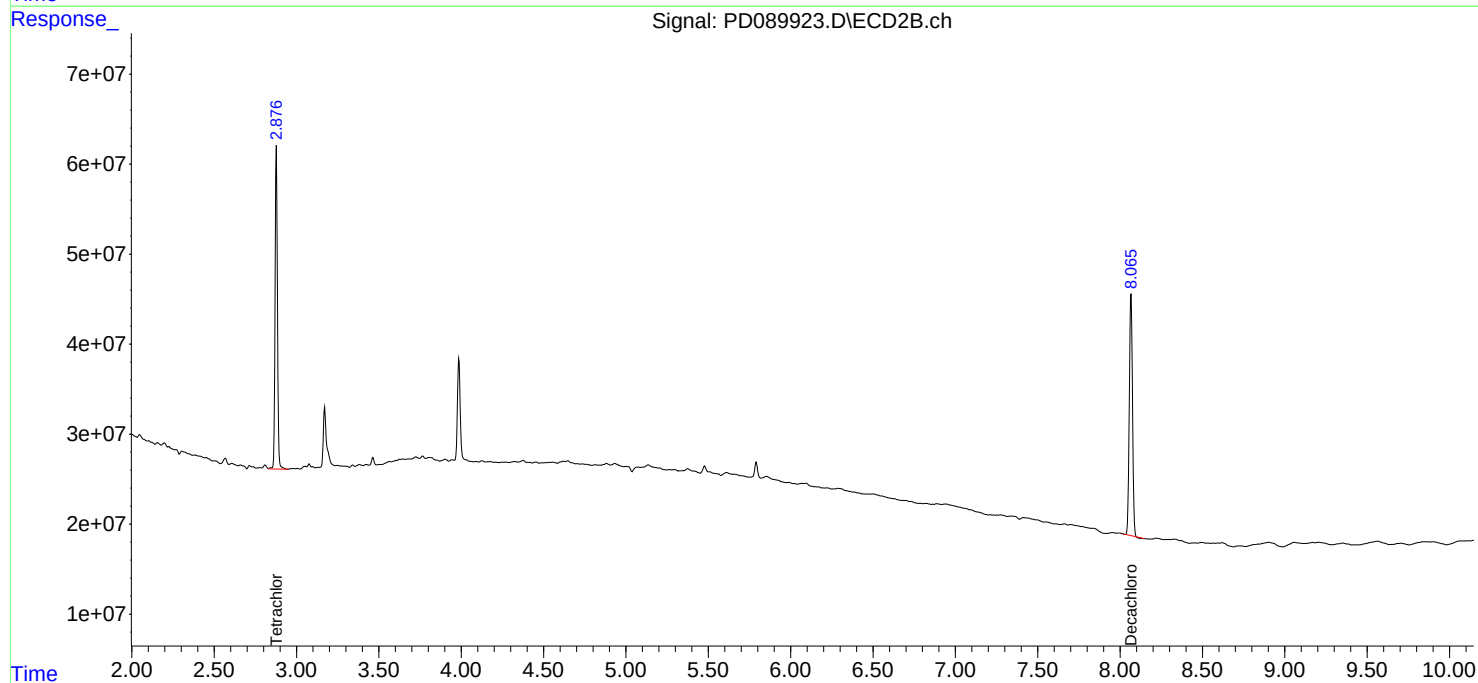
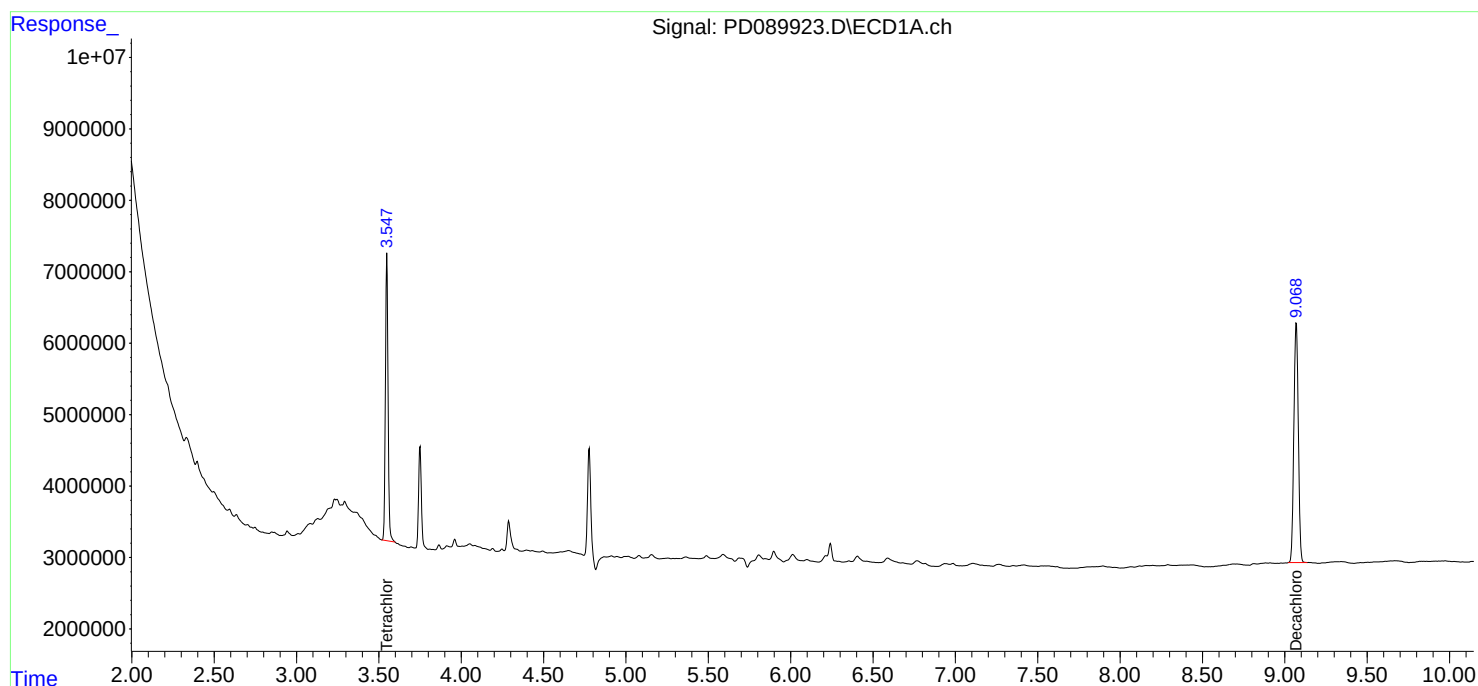
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

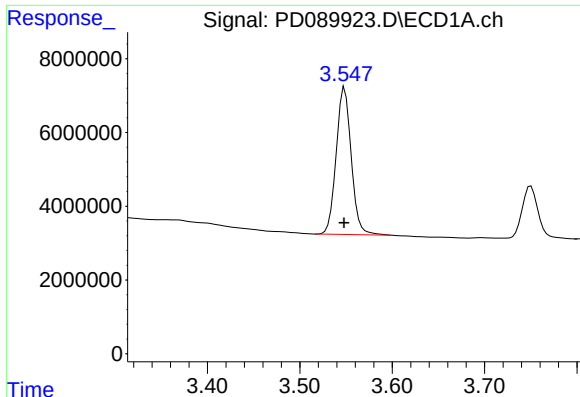
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 17:52
Operator : AR\AJ
Sample : Q2832-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S03

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

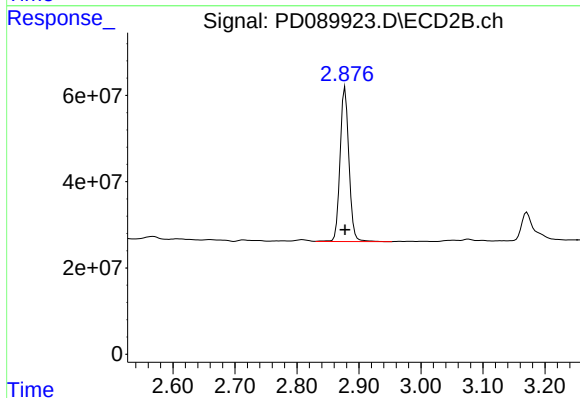




#1 Tetrachloro-m-xylene

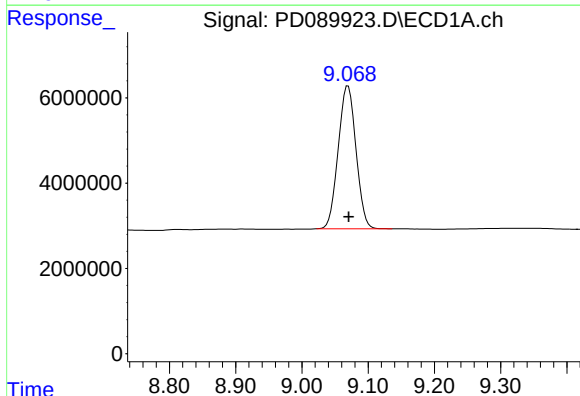
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 45153923
Conc: 18.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S03



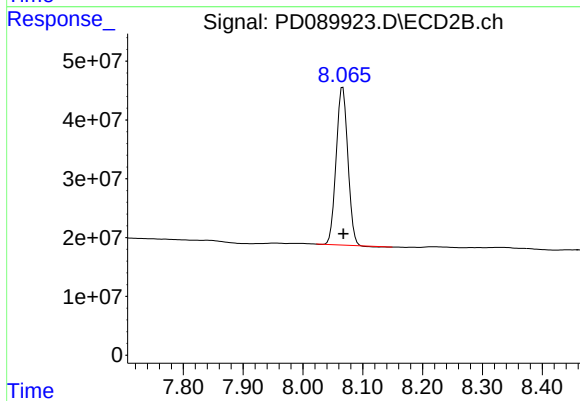
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 358246528
Conc: 22.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 62635978
Conc: 16.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: -0.001 min
Response: 363251058
Conc: 18.09 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:06
Operator : AR\AJ
Sample : Q2832-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.878	46086824	370.9E6	18.684	23.420 #
28)	SA Decachlor...	9.068	8.066	67218364	401.6E6	18.088	20.003

Target Compounds

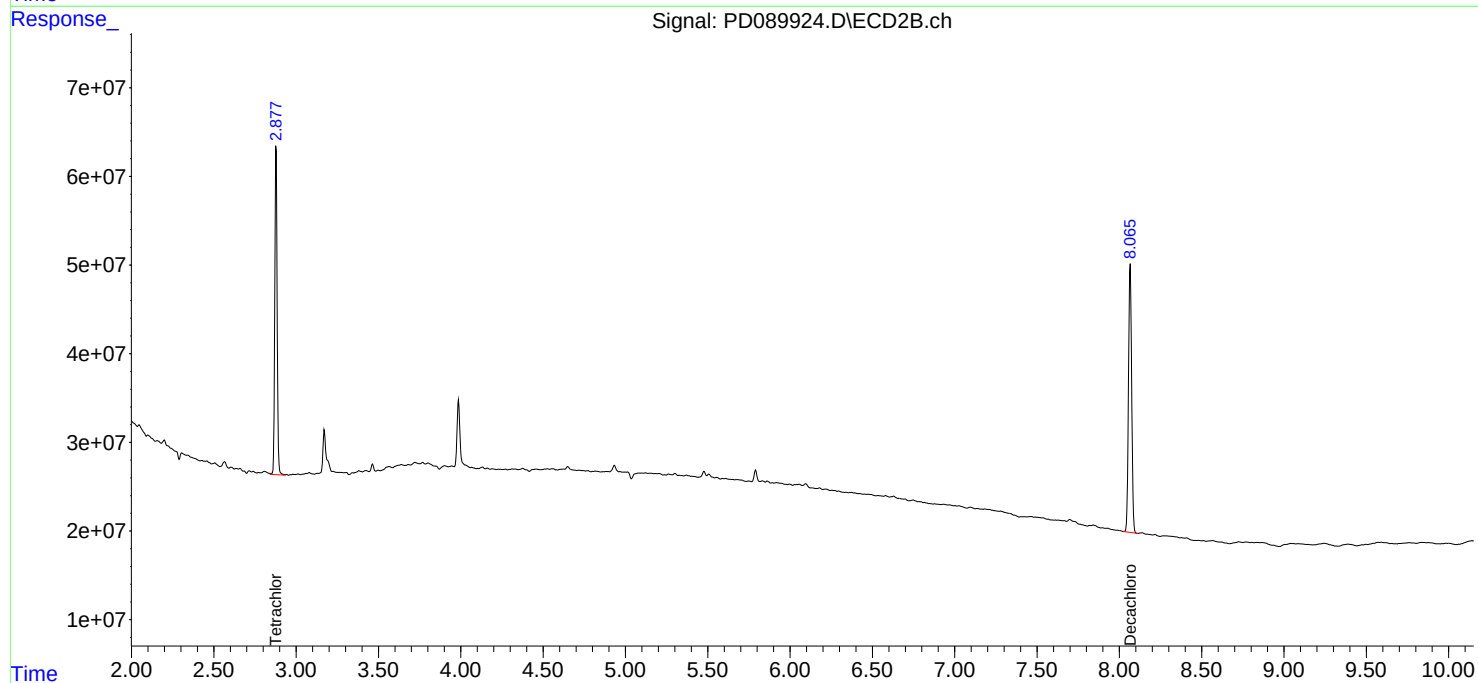
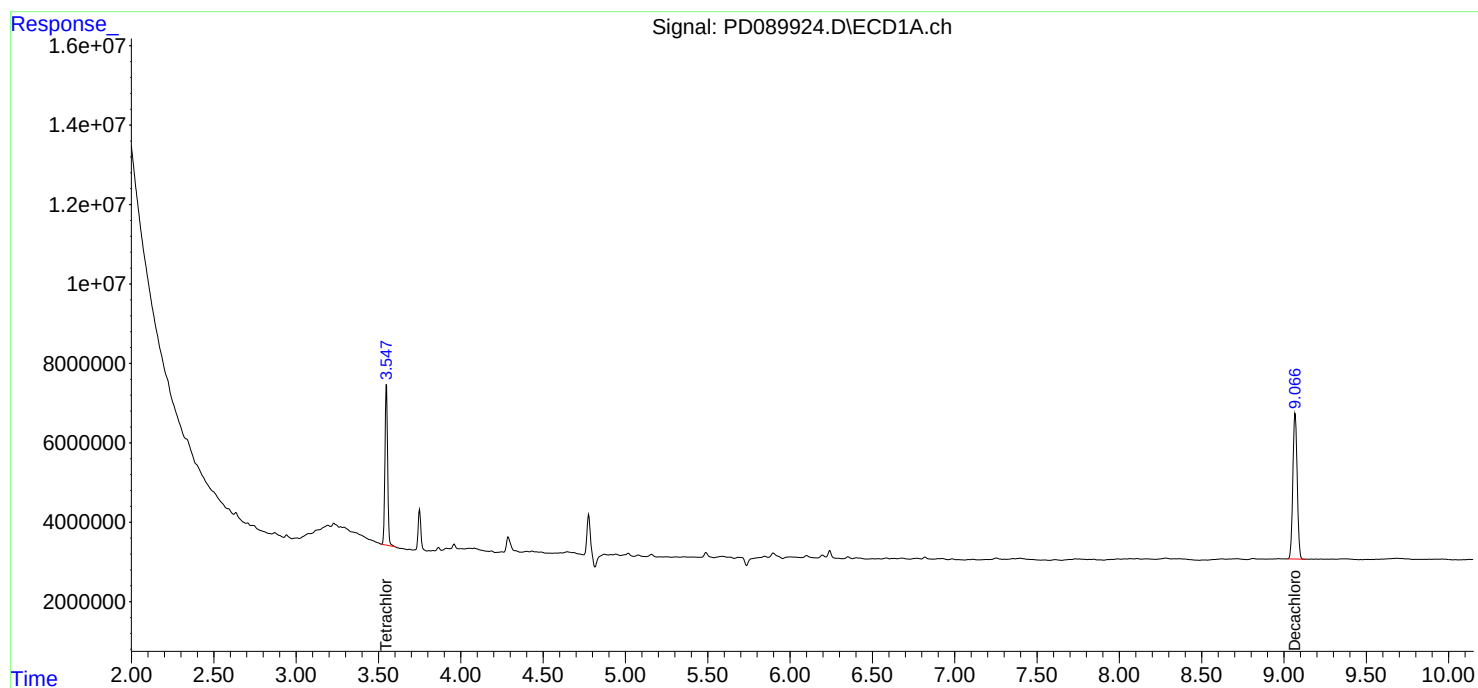
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

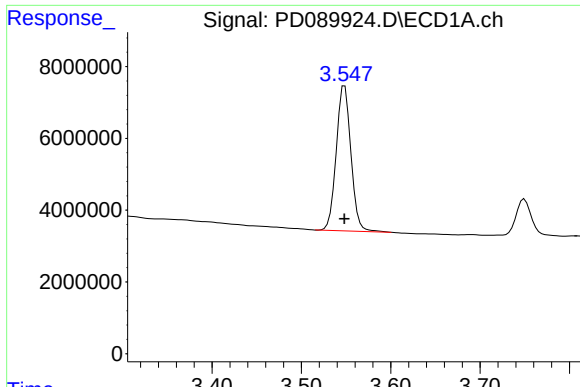
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 18:06
Operator : AR\AJ
Sample : Q2832-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S04

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

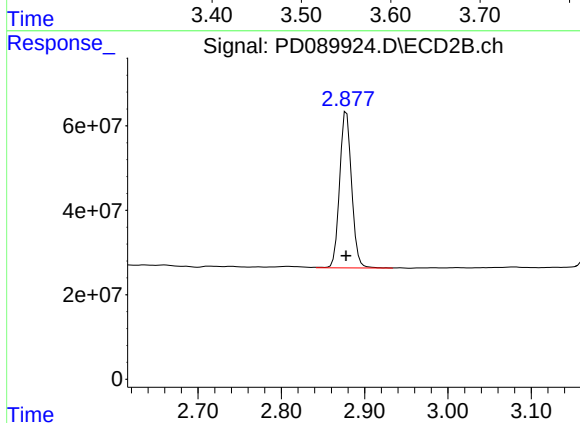




#1 Tetrachloro-m-xylene

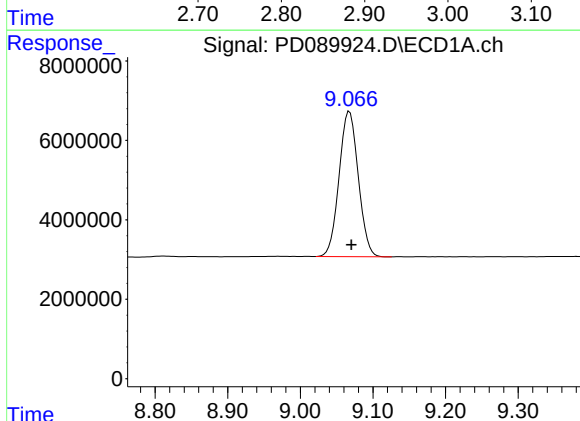
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 46086824
Conc: 18.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S04



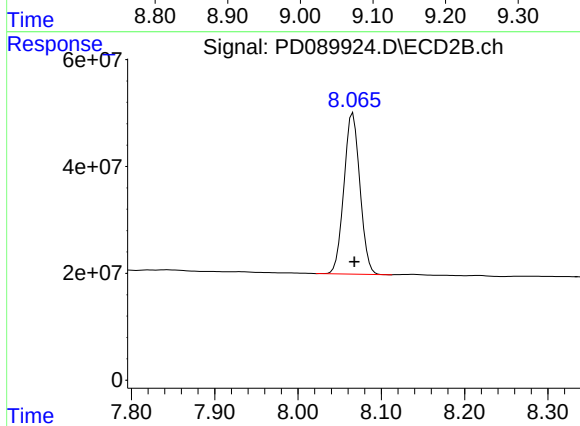
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 370923278
Conc: 23.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 67218364
Conc: 18.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 401612323
Conc: 20.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 19:04
 Operator : AR\AJ
 Sample : Q2832-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TG-S05

A
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:52:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.552	2.878	41671695	336.0E6	16.894	21.215 #
28) SA Decachlor...	9.073	8.067	64281422	402.9E6	17.297	20.068

Target Compounds

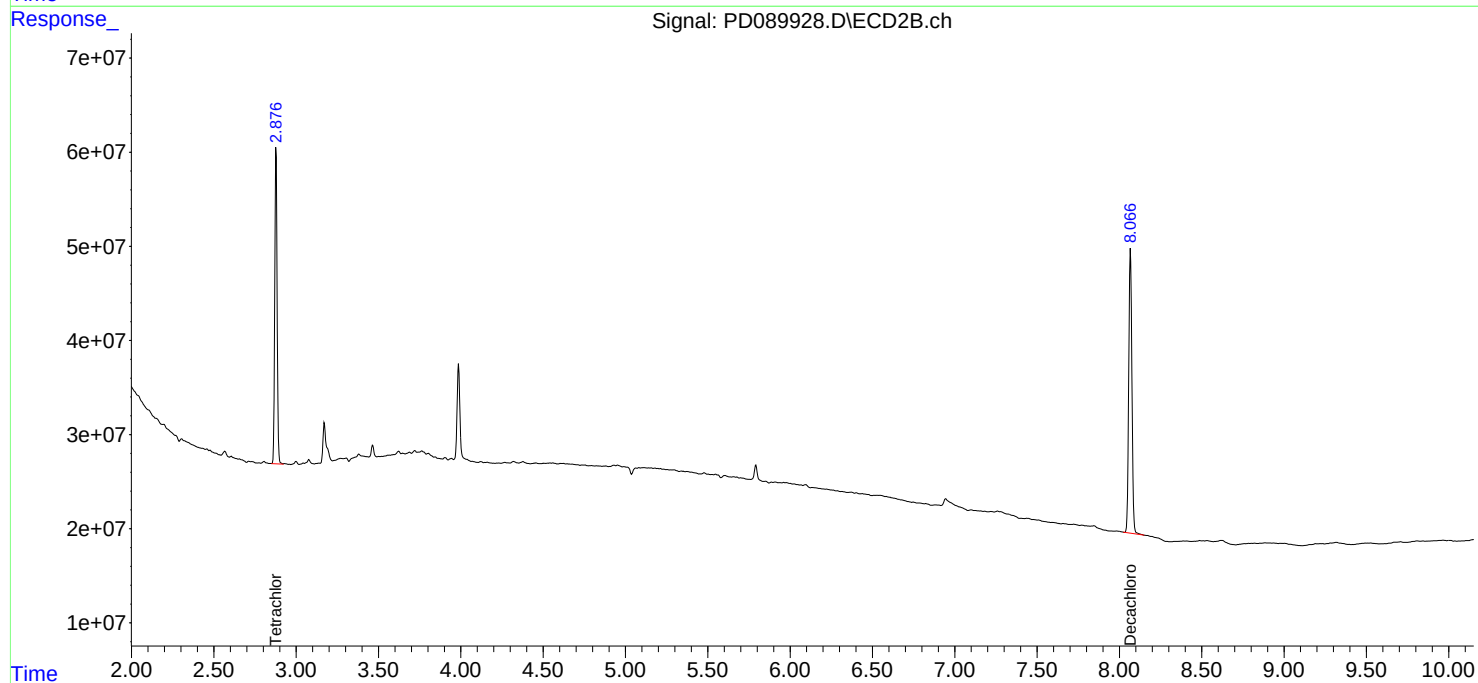
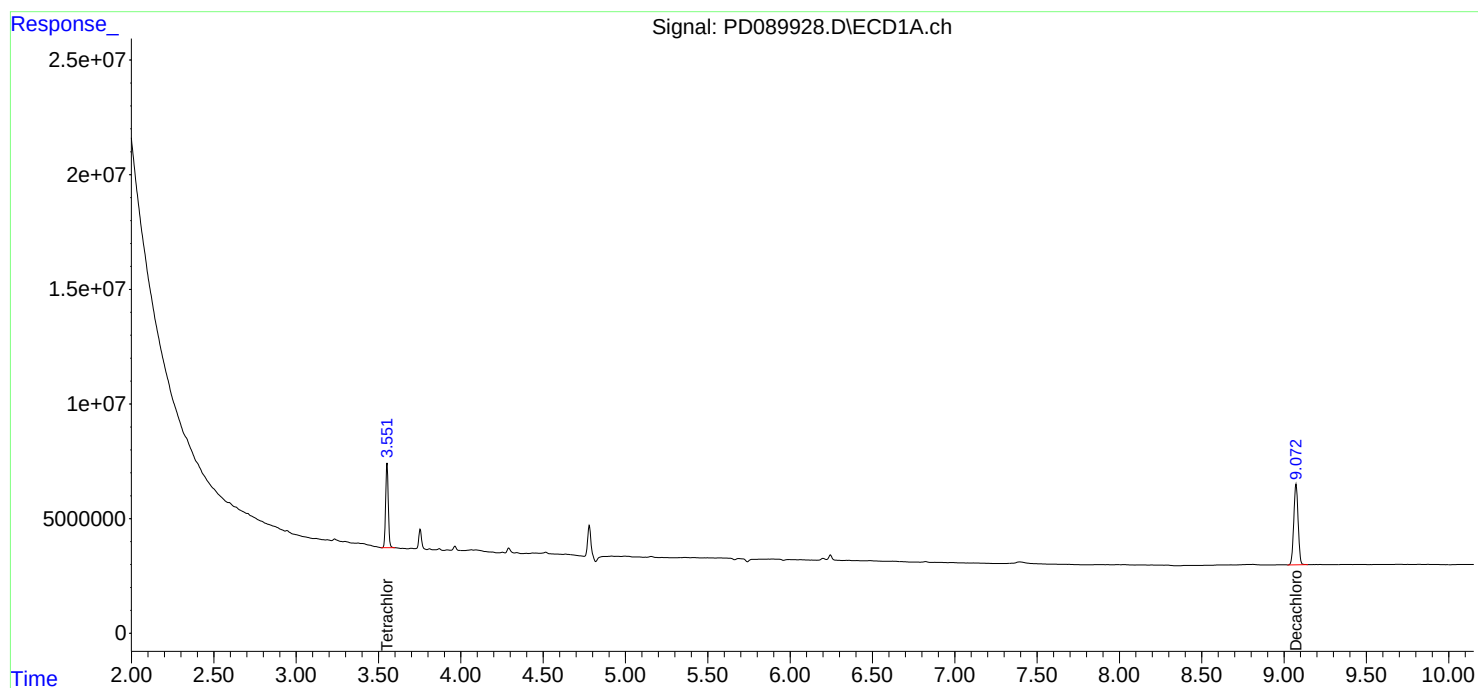
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

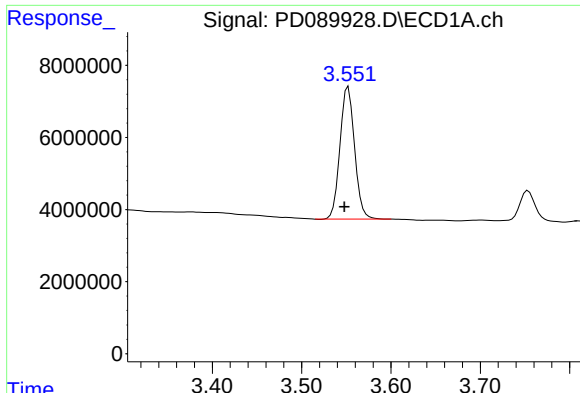
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 19:04
Operator : AR\AJ
Sample : Q2832-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TG-S05

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:52:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

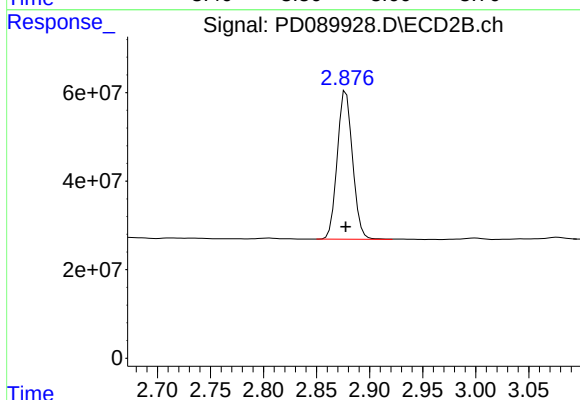




#1 Tetrachloro-m-xylene

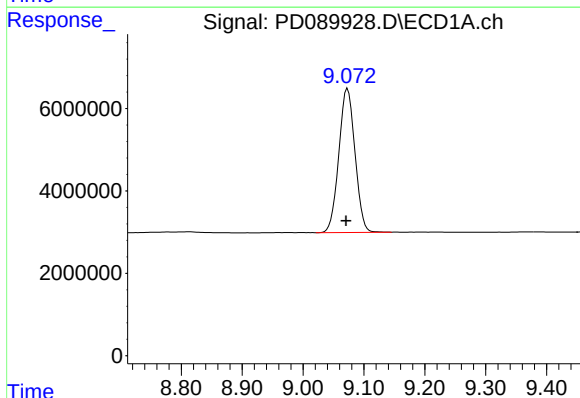
R.T.: 3.552 min
Delta R.T.: 0.004 min
Response: 41671695
Conc: 16.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
TG-S05



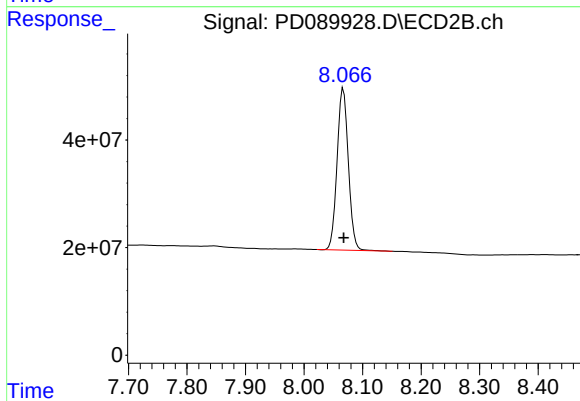
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 335998812
Conc: 21.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.003 min
Response: 64281422
Conc: 17.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 402922824
Conc: 20.07 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 21:34
 Operator : AR\AJ
 Sample : PB169263BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB169263BL

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:54:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.548	2.878	50362425	415.9E6	20.418	26.262 #
28) SA Decachlor...	9.068	8.065	82929624	522.9E6	22.315	26.044

Target Compounds

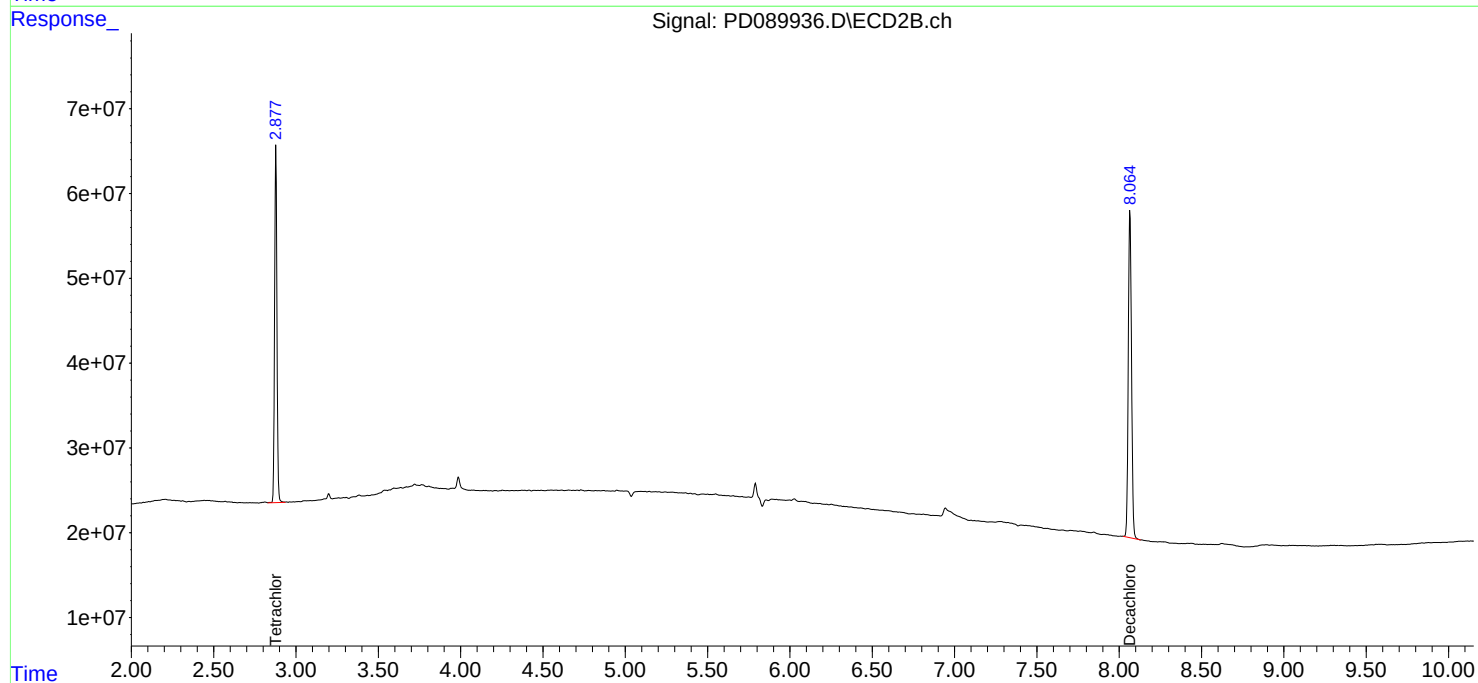
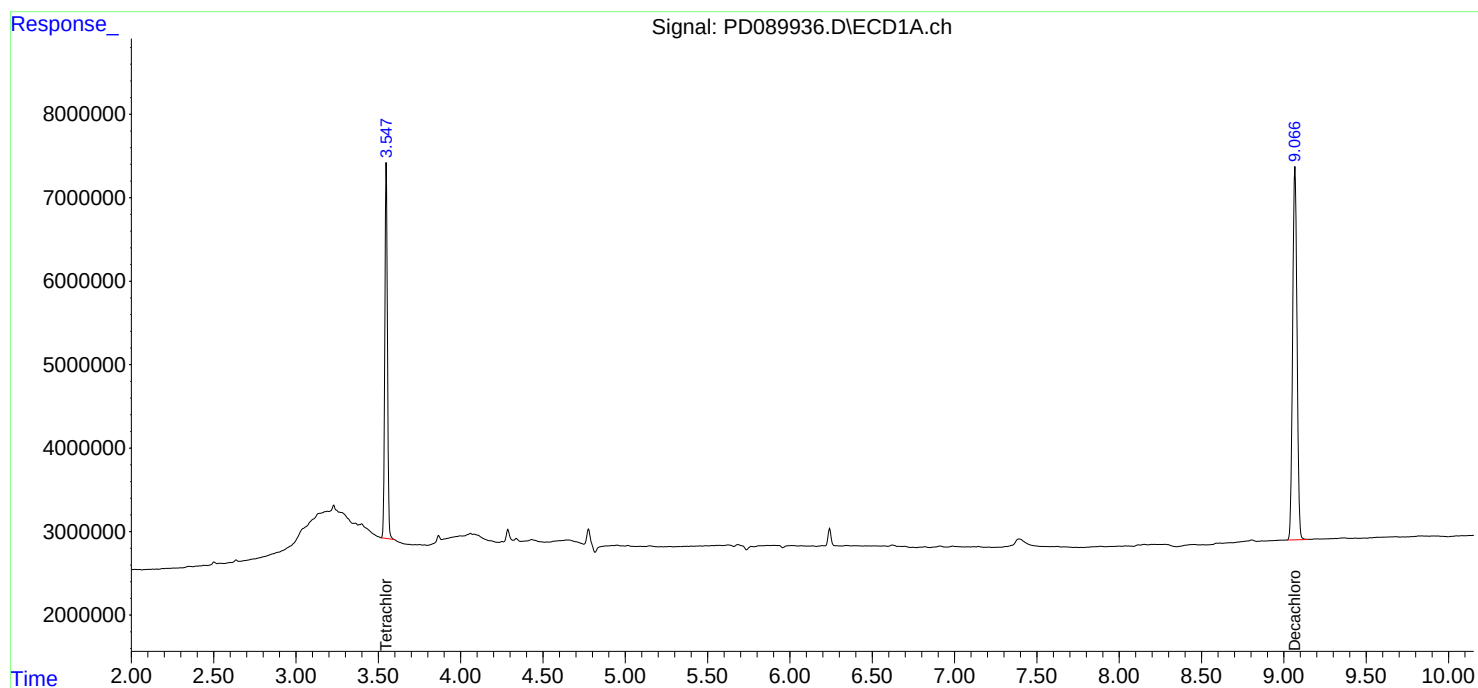
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

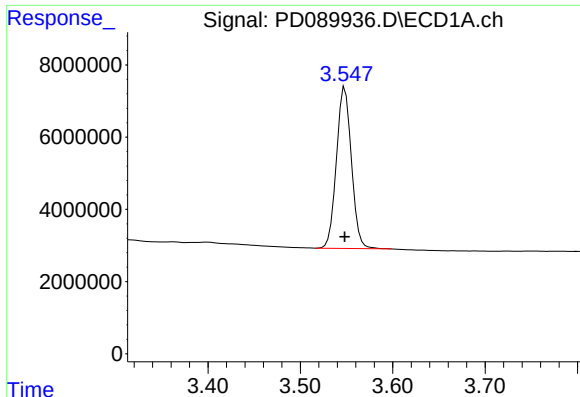
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 21:34
Operator : AR\AJ
Sample : PB169263BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169263BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

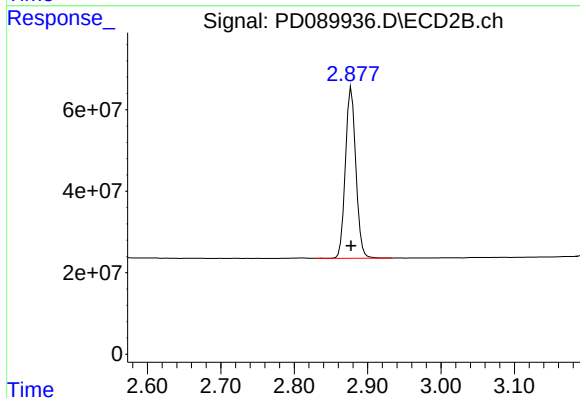




#1 Tetrachloro-m-xylene

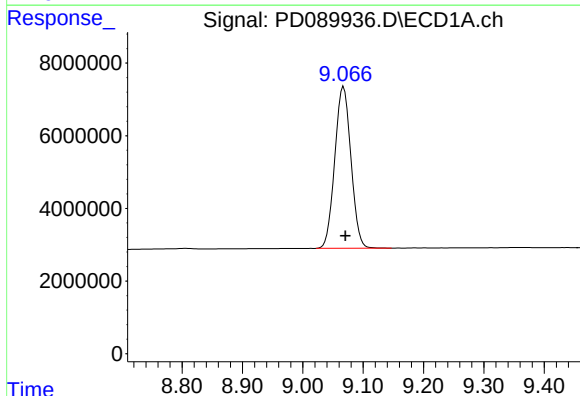
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 50362425
Conc: 20.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB169263BL



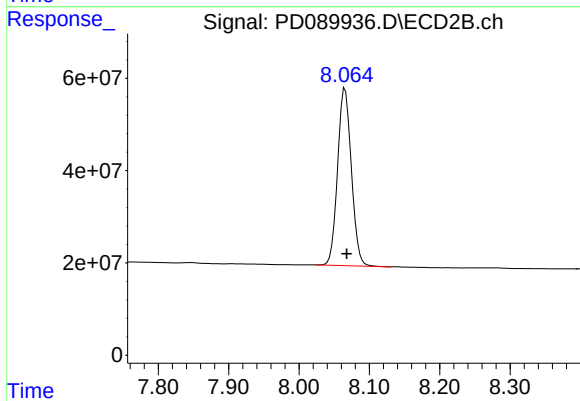
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 415928501
Conc: 26.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 82929624
Conc: 22.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.002 min
Response: 522908751
Conc: 26.04 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 21:48
 Operator : AR\AJ
 Sample : PB169263BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB169263BS

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:54:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.548	2.878	43332812	356.2E6	17.568	22.490 #
2)	SA Decachlor...	9.067	8.066	73086958	456.0E6	19.667	22.714
Target Compounds							
2)	A alpha-BHC	3.997	3.390	238.7E6	1392.6E6	48.183	57.298
3)	MA gamma-BHC...	4.328	3.726	228.4E6	1299.9E6	48.056	57.710
4)	MA Heptachlor	4.927	4.079	226.1E6	1306.7E6	46.999	56.299
5)	MB Aldrin	5.268	4.365	218.1E6	1287.1E6	47.776	57.844
6)	B beta-BHC	4.514	4.022	87266899	555.8E6	47.307	57.607
7)	B delta-BHC	4.763	4.258	222.6E6	1320.4E6	48.542	58.127
8)	B Heptachlo...	5.688	4.868	195.7E6	1178.2E6	46.820	57.331
9)	A Endosulfan I	6.072	5.243	185.7E6	1126.2E6	46.839	57.611
10)	B gamma-Chl...	5.943	5.121	196.4E6	1264.5E6	46.990	58.399
11)	B alpha-Chl...	6.024	5.186	196.8E6	1216.9E6	46.808	58.443
12)	B 4,4'-DDE	6.193	5.370	176.2E6	1238.6E6	47.246	58.596
13)	MA Dieldrin	6.344	5.508	197.5E6	1259.0E6	46.754	58.183
14)	MA Endrin	6.571	5.785	163.5E6	1139.7E6	45.701	57.200 #
15)	B Endosulfa...	6.783	6.076	167.4E6	1095.1E6	45.627	58.254 #
16)	A 4,4'-DDD	6.702	5.925	139.6E6	1059.4E6	46.602	60.084 #
17)	MA 4,4'-DDT	7.018	6.178	149.0E6	1074.2E6	44.345	58.469 #
18)	B Endrin al...	6.912	6.254	124.4E6	811.3E6	49.863	62.791 #
19)	B Endosulfa...	7.147	6.478	156.5E6	1052.1E6	45.096	56.669 #
20)	A Methoxychlor	7.491	6.749	78133044	553.1E6	43.699	56.463 #
21)	B Endrin ke...	7.627	6.987	167.9E6	1153.8E6	45.206	57.496 #
22)	Mirex	8.110	7.180	123.8E6	872.5E6	44.390	57.319 #

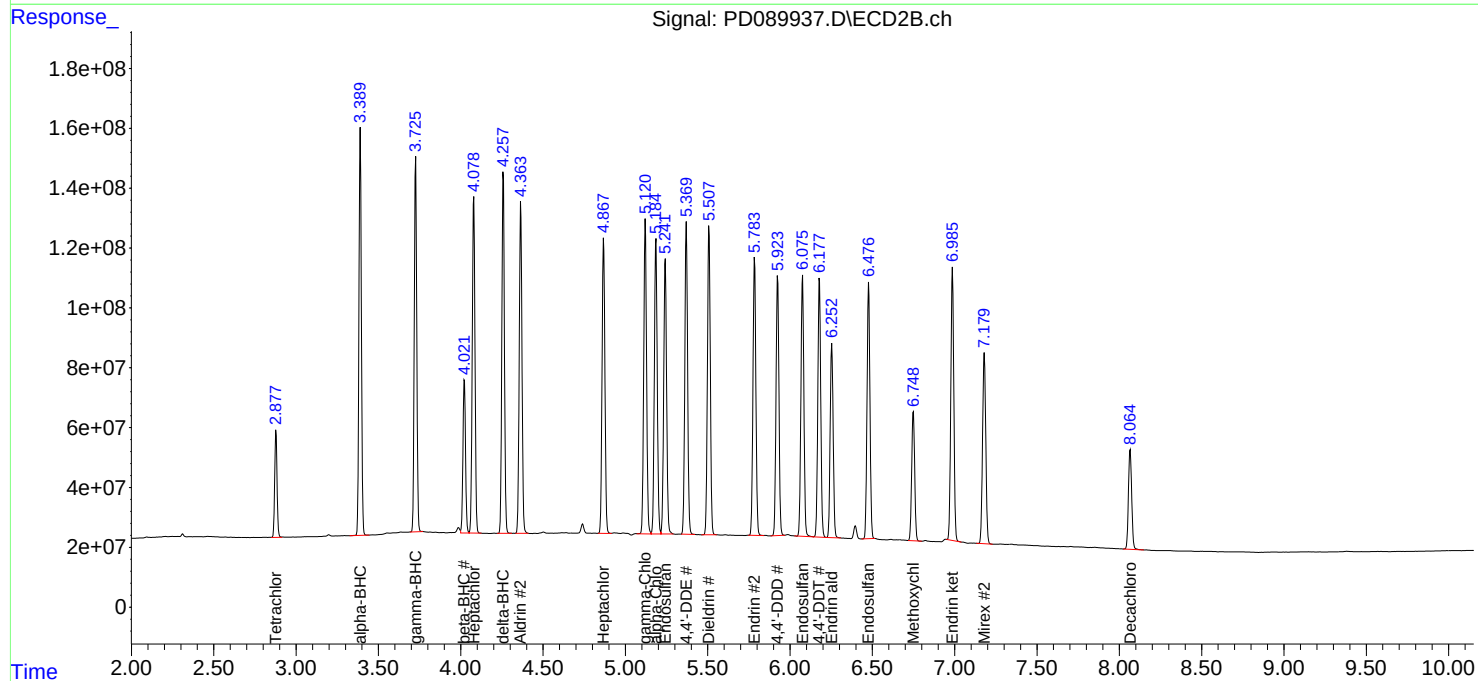
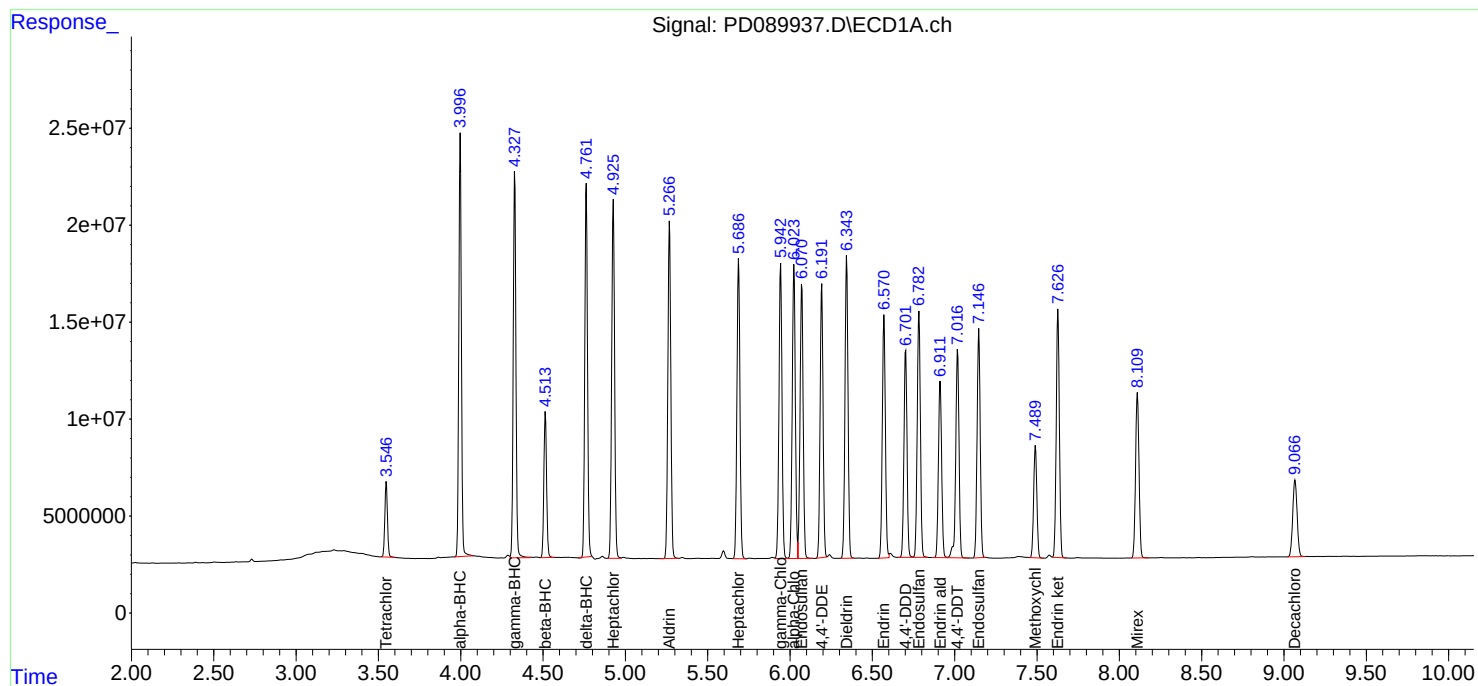
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 21:48
Operator : AR\AJ
Sample : PB169263BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB169263BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:54:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 16:57
 Operator : AR\AJ
 Sample : Q2832-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TG-S01MS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:51:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.547	2.878	46543188	358.8E6	18.869m	22.657
2)	SA Decachlor...	9.068	8.066	61663397	350.0E6	16.593	17.432
Target Compounds							
2)	A alpha-BHC	3.998	3.390	243.4E6	1416.9E6	49.132	58.297
3)	MA gamma-BHC...	4.329	3.727	243.9E6	1319.9E6	51.322	58.599
4)	MA Heptachlor	4.927	4.080	220.2E6	1260.8E6	45.763	54.324
5)	MB Aldrin	5.269	4.365	211.1E6	1245.0E6	46.250	55.952
6)	B beta-BHC	4.515	4.022	91907039	561.2E6	49.823	58.166
7)	B delta-BHC	4.762	4.259	223.1E6	1171.8E6	48.638m	51.588
8)	B Heptachlo...	5.688	4.869	197.9E6	1189.6E6	47.326	57.888
9)	A Endosulfan I	6.072	5.243	184.5E6	1116.4E6	46.540	57.112
10)	B gamma-Chl...	5.943	5.122	193.5E6	1262.9E6	46.302	58.321 #
11)	B alpha-Chl...	6.024	5.186	194.4E6	1208.5E6	46.236	58.040 #
12)	B 4,4'-DDE	6.193	5.371	175.9E6	1229.9E6	47.152	58.186
13)	MA Dieldrin	6.345	5.509	195.4E6	1264.9E6	46.261	58.453 #
14)	MA Endrin	6.572	5.785	166.4E6	1120.7E6	46.518	56.243
15)	B Endosulfa...	6.784	6.077	164.5E6	1053.1E6	44.828	56.016
16)	A 4,4'-DDD	6.703	5.926	136.2E6	1005.9E6	45.463	57.046 #
17)	MA 4,4'-DDT	7.018	6.179	146.8E6	1026.0E6	43.687	55.842 #
18)	B Endrin al...	6.913	6.255	124.9E6	791.9E6	50.041	61.291
19)	B Endosulfa...	7.147	6.478	152.1E6	992.0E6	43.824	53.434
20)	A Methoxychlor	7.491	6.750	75999995	515.4E6	42.506	52.618
21)	B Endrin ke...	7.627	6.987	163.3E6	1061.7E6	43.959	52.904
22)	Mirex	8.110	7.180	117.3E6	780.9E6	42.056	51.305

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 16:57
Operator : AR\AJ
Sample : Q2832-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TG-S01MS

Manual Integrations

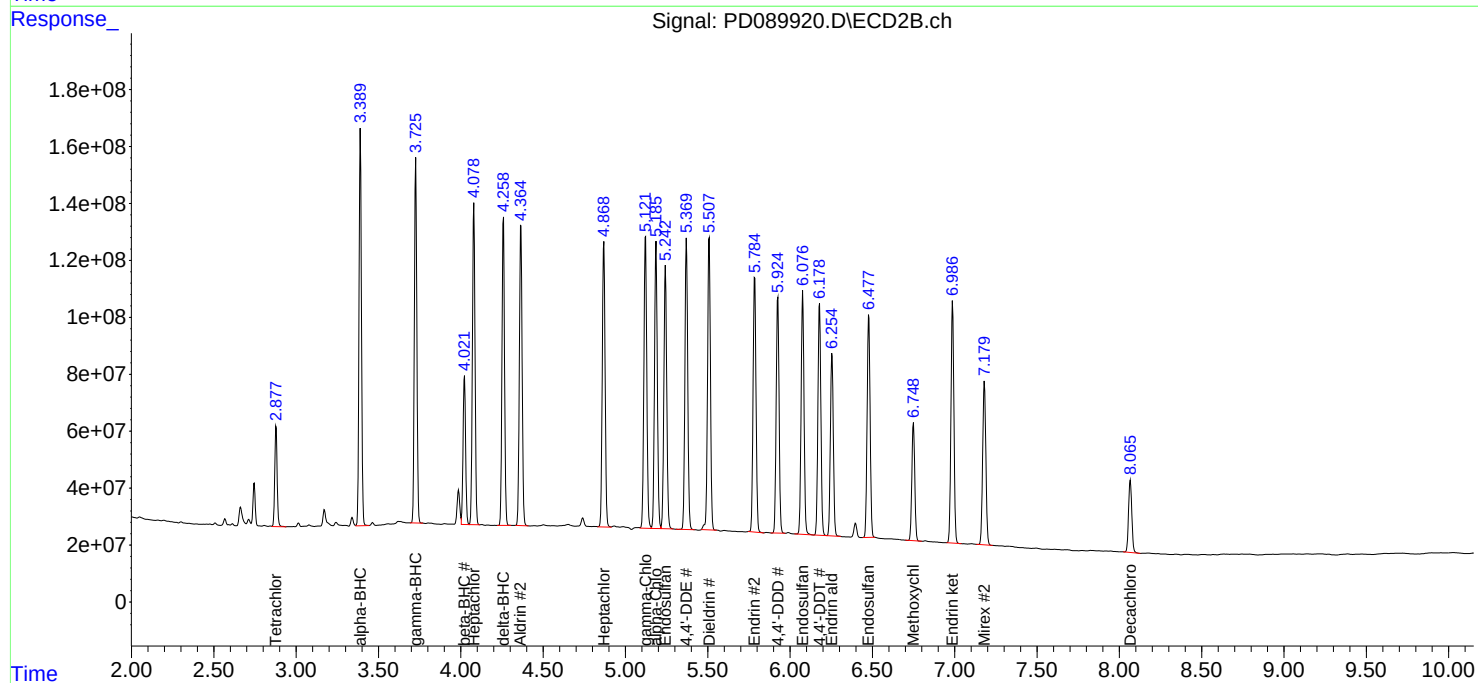
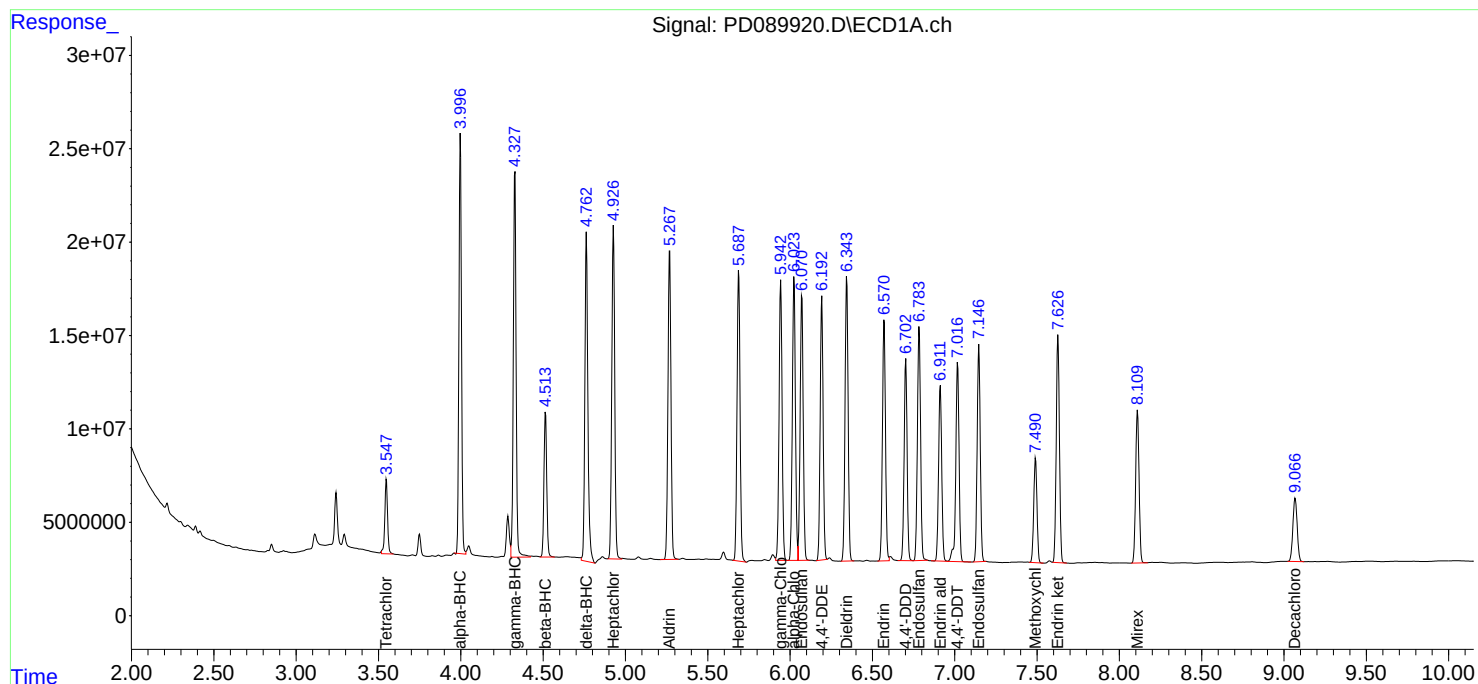
APPROVED

Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
 Data File : PD089921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 17:10
 Operator : AR\AJ
 Sample : Q2832-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TG-S01MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:51:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.546	2.878	46526191	358.2E6	18.863m	22.616
28)	SA Decachlor...	9.068	8.066	61704303	364.8E6	16.604	18.169
Target Compounds							
2)	A alpha-BHC	3.997	3.390	245.0E6	1417.3E6	49.458	58.313
3)	MA gamma-BHC...	4.328	3.727	243.7E6	1325.3E6	51.281	58.841
4)	MA Heptachlor	4.926	4.079	223.4E6	1267.5E6	46.422	54.613
5)	MB Aldrin	5.268	4.365	214.3E6	1253.5E6	46.949	56.336
6)	B beta-BHC	4.514	4.022	91766124	566.7E6	49.746	58.729
7)	B delta-BHC	4.761	4.259	224.4E6	1178.6E6	48.929m	51.884
8)	B Heptachlo...	5.688	4.869	198.7E6	1195.6E6	47.538	58.180
9)	A Endosulfan I	6.071	5.243	187.6E6	1137.1E6	47.329	58.169
10)	B gamma-Chl...	5.943	5.122	198.7E6	1284.7E6	47.552	59.329
11)	B alpha-Chl...	6.023	5.186	198.6E6	1234.3E6	47.236	59.280 #
12)	B 4,4'-DDE	6.193	5.371	176.8E6	1250.0E6	47.407	59.138
13)	MA Dieldrin	6.344	5.509	198.1E6	1277.1E6	46.896	59.021 #
14)	MA Endrin	6.571	5.785	168.3E6	1149.8E6	47.035	57.707
15)	B Endosulfa...	6.783	6.076	166.4E6	1077.5E6	45.343	57.316 #
16)	A 4,4'-DDD	6.703	5.925	138.3E6	1035.4E6	46.167	58.721 #
17)	MA 4,4'-DDT	7.018	6.179	150.9E6	1049.2E6	44.905	57.106 #
18)	B Endrin al...	6.912	6.255	126.9E6	804.6E6	50.833	62.275
19)	B Endosulfa...	7.147	6.478	149.5E6	1014.8E6	43.074	54.659 #
20)	A Methoxychlor	7.490	6.750	77673401	530.8E6	43.442	54.185
21)	B Endrin ke...	7.627	6.987	167.5E6	1097.2E6	45.096	54.673
22)	Mirex	8.110	7.180	118.3E6	799.6E6	42.434	52.534

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081625\
Data File : PD089921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 17:10
Operator : AR\AJ
Sample : Q2832-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

TG-S01MSD

Manual Integrations

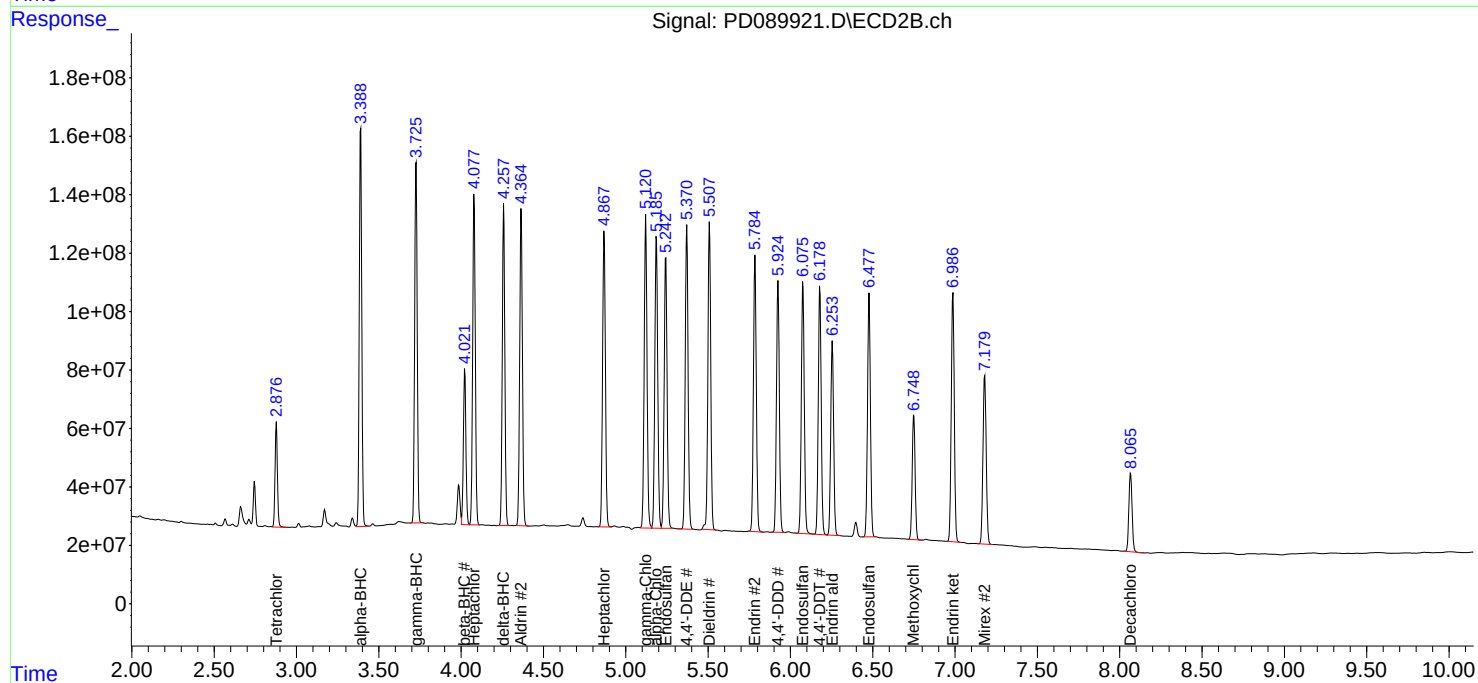
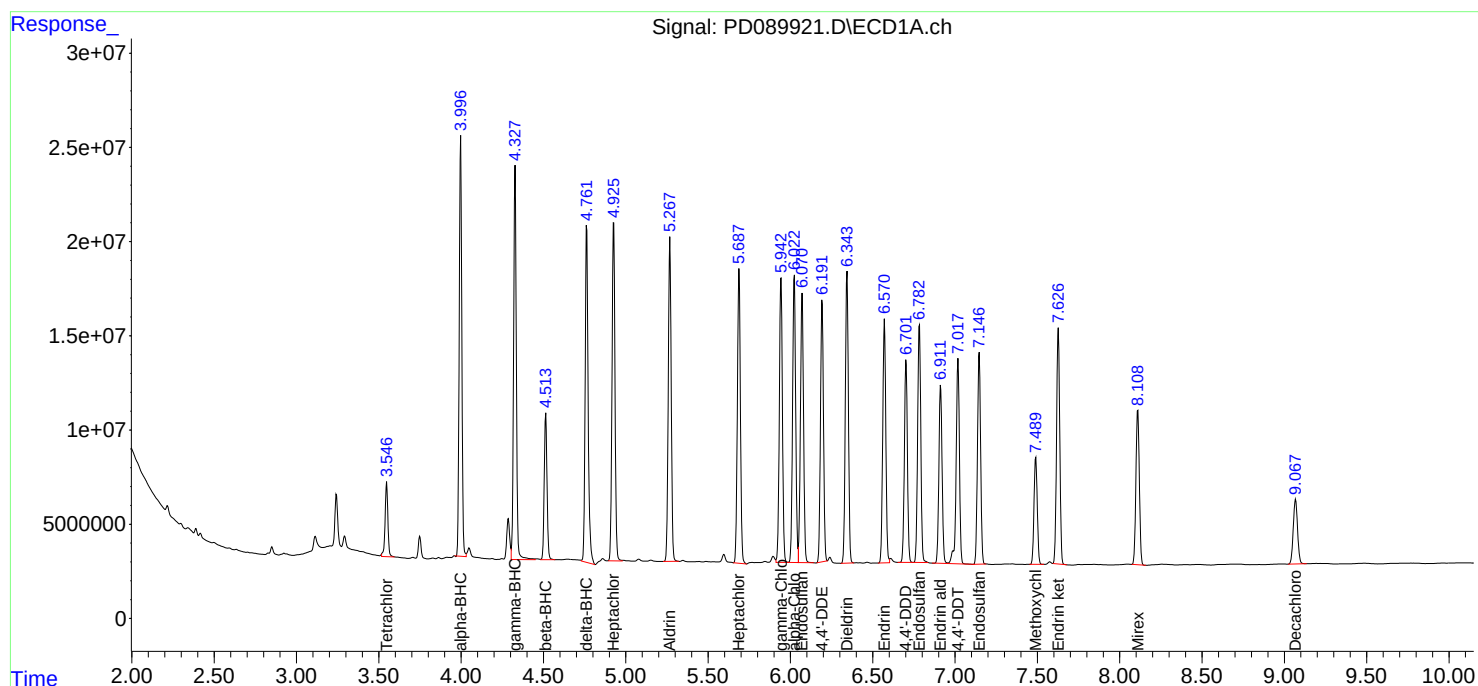
APPROVED

Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 01:51:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Manual Integration Report

Sequence:	pd073125	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089686.D	4,4"-DDD #2	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PEM	PD089686.D	4,4"-DDE	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PEM	PD089686.D	4,4"-DDE #2	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PEM	PD089686.D	Endrin ketone	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PEM	PD089686.D	Endrin ketone #2	Abdul	8/1/2025 9:25:47 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PSTDICC075	PD089689.D	gamma-BHC (Lindane)	Abdul	8/1/2025 8:28:32 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PSTDICC005	PD089692.D	4,4"-DDE #2	Abdul	8/1/2025 8:28:35 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software
PSTDICC005	PD089692.D	Endrin aldehyde	Abdul	8/1/2025 8:28:35 AM	mohammad	8/1/2025 9:27:16	Peak Integrated by Software

Manual Integration Report

Sequence:	pd081625	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089905.D	4,4"-DDD	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089905.D	4,4"-DDE	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089905.D	4,4"-DDE #2	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089905.D	Endrin ketone	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089905.D	Endrin ketone #2	Abdul	8/18/2025 7:45:08 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
I.BLK	PD089913.D	Decachlorobiphenyl #2	Abdul	8/18/2025 7:45:31 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PSTDCCC050	PD089914.D	alpha-BHC #2	Abdul	8/18/2025 7:45:35 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2832-02MS	PD089920.D	delta-BHC	Abdul	8/18/2025 7:45:53 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2832-02MS	PD089920.D	Tetrachloro-m-xylene	Abdul	8/18/2025 7:45:53 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2832-02MSD	PD089921.D	delta-BHC	Abdul	8/18/2025 7:45:56 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
Q2832-02MSD	PD089921.D	Tetrachloro-m-xylene	Abdul	8/18/2025 7:45:56 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089926.D	4,4"-DDD	Abdul	8/18/2025 7:45:59 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089926.D	alpha-BHC #2	Abdul	8/18/2025 7:45:59 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software

Manual Integration Report

Sequence:	pd081625	Instrument	ECD_d
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PEM	PD089926.D	Endrin ketone #2	Abdul	8/18/2025 7:45:59 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089926.D	gamma-BHC (Lindane)	Abdul	8/18/2025 7:45:59 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PSTDCCC050	PD089927.D	4,4"-DDD	Abdul	8/18/2025 7:46:02 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
I.BLK	PD089945.D	Decachlorobiphenyl #2	Abdul	8/18/2025 7:46:31 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089946.D	4,4"-DDD	Abdul	8/18/2025 7:46:34 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089946.D	Endrin aldehyde	Abdul	8/18/2025 7:46:34 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089946.D	Endrin ketone	Abdul	8/18/2025 7:46:34 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PEM	PD089946.D	Endrin ketone #2	Abdul	8/18/2025 7:46:34 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software
PSTDCCC050	PD089959.D	4,4"-DDD	Abdul	8/18/2025 7:47:23 AM	mohammad	8/19/2025 1:27:21	Peak Integrated by Software

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD073125

Review By	Abdul	Review On	8/1/2025 8:29:12 AM
Supervise By	mohammad	Supervise On	8/1/2025 9:27:16 AM
SubDirectory	PD073125	HP Acquire Method	HP Processing Method pd073125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD089684.D	31 Jul 2025 09:13	AR\AJ	Ok
2	I.BLK	PD089685.D	31 Jul 2025 10:33	AR\AJ	Ok
3	PEM	PD089686.D	31 Jul 2025 10:47	AR\AJ	Ok,M
4	RESCHK	PD089687.D	31 Jul 2025 11:34	AR\AJ	Ok
5	PSTDICC100	PD089688.D	31 Jul 2025 11:47	AR\AJ	Ok
6	PSTDICC075	PD089689.D	31 Jul 2025 12:01	AR\AJ	Ok,M
7	PSTDICC050	PD089690.D	31 Jul 2025 12:14	AR\AJ	Ok
8	PSTDICC025	PD089691.D	31 Jul 2025 12:28	AR\AJ	Ok
9	PSTDICC005	PD089692.D	31 Jul 2025 12:41	AR\AJ	Ok,M
10	PCHLORICC1000	PD089693.D	31 Jul 2025 12:56	AR\AJ	Ok
11	PCHLORICC750	PD089694.D	31 Jul 2025 13:09	AR\AJ	Ok
12	PCHLORICC500	PD089695.D	31 Jul 2025 13:23	AR\AJ	Ok
13	PCHLORICC250	PD089696.D	31 Jul 2025 13:36	AR\AJ	Ok
14	PCHLORICC050	PD089697.D	31 Jul 2025 13:50	AR\AJ	Ok
15	PTOXICC1000	PD089698.D	31 Jul 2025 14:03	AR\AJ	Ok
16	PTOXICC750	PD089699.D	31 Jul 2025 14:17	AR\AJ	Ok
17	PTOXICC500	PD089700.D	31 Jul 2025 14:31	AR\AJ	Ok
18	PTOXICC250	PD089701.D	31 Jul 2025 14:44	AR\AJ	Ok,M
19	PTOXICC100	PD089702.D	31 Jul 2025 14:58	AR\AJ	Ok,M
20	PSTDICV050	PD089703.D	31 Jul 2025 15:11	AR\AJ	Ok
21	PCHLORICV500	PD089704.D	31 Jul 2025 15:25	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD073125

Review By	Abdul	Review On	8/1/2025 8:29:12 AM
Supervise By	mohammad	Supervise On	8/1/2025 9:27:16 AM
SubDirectory	PD073125	HP Acquire Method	HP Processing Method pd073125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	PTOXICV500	PD089705.D	31 Jul 2025 15:39	AR\AJ	Ok
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M : Manual Integration

A
B
C
D
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K
L

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM
SubDirectory	PD081625	HP Acquire Method	HP Processing Method pd073125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PD089903.D	15 Aug 2025 09:24	AR\AJ	Ok
2	I.BLK	PD089904.D	15 Aug 2025 09:37	AR\AJ	Ok
3	PEM	PD089905.D	15 Aug 2025 09:51	AR\AJ	Ok,M
4	PSTDCCC050	PD089906.D	15 Aug 2025 10:04	AR\AJ	Ok
5	Q2819-06DL	PD089907.D	15 Aug 2025 10:21	AR\AJ	Ok,M
6	Q2819-14DL	PD089908.D	15 Aug 2025 10:35	AR\AJ	Dilution
7	Q2819-14DL2	PD089909.D	15 Aug 2025 10:49	AR\AJ	Ok,M
8	Q2820-09RE	PD089910.D	15 Aug 2025 11:02	AR\AJ	Confirms
9	Q2827-01DL	PD089911.D	15 Aug 2025 11:56	AR\AJ	Ok,M
10	Q2827-05DL	PD089912.D	15 Aug 2025 12:17	AR\AJ	Ok,M
11	I.BLK	PD089913.D	15 Aug 2025 13:12	AR\AJ	Ok,M
12	PSTDCCC050	PD089914.D	15 Aug 2025 13:53	AR\AJ	Ok,M
13	PB169261BL	PD089915.D	15 Aug 2025 15:31	AR\AJ	Ok
14	PB169261BS	PD089916.D	15 Aug 2025 16:02	AR\AJ	Ok,M
15	Q2877-01	PD089917.D	15 Aug 2025 16:16	AR\AJ	Ok,M
16	Q2732-03	PD089918.D	15 Aug 2025 16:29	AR\AJ	Ok,M
17	Q2832-02	PD089919.D	15 Aug 2025 16:43	AR\AJ	Ok
18	Q2832-02MS	PD089920.D	15 Aug 2025 16:57	AR\AJ	Ok,M
19	Q2832-02MSD	PD089921.D	15 Aug 2025 17:10	AR\AJ	Ok,M
20	Q2832-04	PD089922.D	15 Aug 2025 17:39	AR\AJ	Ok
21	Q2832-06	PD089923.D	15 Aug 2025 17:52	AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM
SubDirectory	PD081625	HP Acquire Method	HP Processing Method pd073125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2832-08	PD089924.D	15 Aug 2025 18:06	AR\AJ	Ok
23	I.BLK	PD089925.D	15 Aug 2025 18:20	AR\AJ	Ok
24	PEM	PD089926.D	15 Aug 2025 18:33	AR\AJ	Ok,M
25	PSTDCCC050	PD089927.D	15 Aug 2025 18:47	AR\AJ	Ok,M
26	Q2832-10	PD089928.D	15 Aug 2025 19:04	AR\AJ	Ok
27	Q2836-03	PD089929.D	15 Aug 2025 19:17	AR\AJ	Ok
28	Q2836-07	PD089930.D	15 Aug 2025 19:31	AR\AJ	Ok,M
29	Q2836-11	PD089931.D	15 Aug 2025 19:45	AR\AJ	Ok,M
30	Q2836-15	PD089932.D	15 Aug 2025 19:58	AR\AJ	Ok
31	Q2876-01	PD089933.D	15 Aug 2025 20:12	AR\AJ	Ok,M
32	I.BLK	PD089934.D	15 Aug 2025 20:26	AR\AJ	Ok
33	PSTDCCC050	PD089935.D	15 Aug 2025 20:39	AR\AJ	Ok
34	PB169263BL	PD089936.D	15 Aug 2025 21:34	AR\AJ	Ok
35	PB169263BS	PD089937.D	15 Aug 2025 21:48	AR\AJ	Ok
36	PB169212TB	PD089938.D	15 Aug 2025 22:02	AR\AJ	Ok
37	PB169264BL	PD089939.D	15 Aug 2025 22:15	AR\AJ	Ok
38	PB169264BS	PD089940.D	15 Aug 2025 22:29	AR\AJ	Ok
39	PB169264BSD	PD089941.D	15 Aug 2025 22:43	AR\AJ	Ok
40	Q2864-01	PD089942.D	15 Aug 2025 22:56	AR\AJ	Ok,M
41	Q2864-03	PD089943.D	15 Aug 2025 23:10	AR\AJ	Not Ok
42	Q2865-02	PD089944.D	15 Aug 2025 23:24	AR\AJ	Ok,M
43	I.BLK	PD089945.D	15 Aug 2025 23:38	AR\AJ	Ok,M
44	PEM	PD089946.D	15 Aug 2025 23:51	AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM
SubDirectory	PD081625	HP Acquire Method	HP Processing Method pd073125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	PSTDCCC050	PD089947.D	16 Aug 2025 00:05	AR\AJ	Ok
46	Q2870-01	PD089948.D	16 Aug 2025 01:00	AR\AJ	Ok,M
47	Q2870-01MS	PD089949.D	16 Aug 2025 01:13	AR\AJ	Ok,M
48	Q2870-01MSD	PD089950.D	16 Aug 2025 01:27	AR\AJ	Ok,M
49	Q2870-04	PD089951.D	16 Aug 2025 01:41	AR\AJ	Ok,M
50	Q2871-01	PD089952.D	16 Aug 2025 01:54	AR\AJ	Ok,M
51	Q2871-04	PD089953.D	16 Aug 2025 02:08	AR\AJ	Ok,M
52	Q2871-07	PD089954.D	16 Aug 2025 02:22	AR\AJ	Ok,M
53	Q2872-01	PD089955.D	16 Aug 2025 02:36	AR\AJ	Ok,M
54	Q2873-01	PD089956.D	16 Aug 2025 02:49	AR\AJ	Ok,M
55	Q2873-04	PD089957.D	16 Aug 2025 03:03	AR\AJ	Ok,M
56	I.BLK	PD089958.D	16 Aug 2025 03:17	AR\AJ	Ok
57	PSTDCCC050	PD089959.D	16 Aug 2025 03:30	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD073125

Review By	Abdul	Review On	8/1/2025 8:29:12 AM
Supervise By	mohammad	Supervise On	8/1/2025 9:27:16 AM
SubDirectory	PD073125	HP Acquire Method	HP Processing Method pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284
CCC	PP24261,PP24273,PP24279,PP24284
Internal Standard/PEM	
ICV/I.BLK	PP24273,PP24279,PP24284
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089684.D	31 Jul 2025 09:13		AR\AJ	Ok
2	I.BLK	I.BLK	PD089685.D	31 Jul 2025 10:33		AR\AJ	Ok
3	PEM	PEM	PD089686.D	31 Jul 2025 10:47		AR\AJ	Ok,M
4	RESCHK	RESCHK	PD089687.D	31 Jul 2025 11:34		AR\AJ	Ok
5	PSTDICC100	PSTDICC100	PD089688.D	31 Jul 2025 11:47		AR\AJ	Ok
6	PSTDICC075	PSTDICC075	PD089689.D	31 Jul 2025 12:01		AR\AJ	Ok,M
7	PSTDICC050	PSTDICC050	PD089690.D	31 Jul 2025 12:14		AR\AJ	Ok
8	PSTDICC025	PSTDICC025	PD089691.D	31 Jul 2025 12:28		AR\AJ	Ok
9	PSTDICC005	PSTDICC005	PD089692.D	31 Jul 2025 12:41		AR\AJ	Ok,M
10	PCHLORICC1000	PCHLORICC1000	PD089693.D	31 Jul 2025 12:56		AR\AJ	Ok
11	PCHLORICC750	PCHLORICC750	PD089694.D	31 Jul 2025 13:09		AR\AJ	Ok
12	PCHLORICC500	PCHLORICC500	PD089695.D	31 Jul 2025 13:23		AR\AJ	Ok
13	PCHLORICC250	PCHLORICC250	PD089696.D	31 Jul 2025 13:36		AR\AJ	Ok
14	PCHLORICC050	PCHLORICC050	PD089697.D	31 Jul 2025 13:50		AR\AJ	Ok
15	PTOXICC1000	PTOXICC1000	PD089698.D	31 Jul 2025 14:03		AR\AJ	Ok
16	PTOXICC750	PTOXICC750	PD089699.D	31 Jul 2025 14:17		AR\AJ	Ok
17	PTOXICC500	PTOXICC500	PD089700.D	31 Jul 2025 14:31		AR\AJ	Ok
18	PTOXICC250	PTOXICC250	PD089701.D	31 Jul 2025 14:44		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD073125

Review By	Abdul	Review On	8/1/2025 8:29:12 AM
Supervise By	mohammad	Supervise On	8/1/2025 9:27:16 AM
SubDirectory	PD073125	HP Acquire Method	HP Processing Method pd073125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284		
CCC	PP24261,PP24273,PP24279,PP24284		
Internal Standard/PEM			
ICV/I.BLK	PP24273,PP24279,PP24284		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	PTOXICC100	PTOXICC100	PD089702.D	31 Jul 2025 14:58		AR\AJ	Ok,M
20	PSTDICV050	ICVPD073125	PD089703.D	31 Jul 2025 15:11		AR\AJ	Ok
21	PCHLORICV500	ICVPD073125CHLOR	PD089704.D	31 Jul 2025 15:25		AR\AJ	Ok
22	PTOXICV500	ICVPD073125TOX	PD089705.D	31 Jul 2025 15:39		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM
SubDirectory	PD081625	HP Acquire Method	HP Processing Method pd073125 8081

STD. NAME	STD REF.#
Tune/Reschk	PP24433,PP24651
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P P24763,PP24764
CCC	PP24751,PP24756,PP24761
Internal Standard/PEM	
ICV/I.BLK	PP24754,PP24759,PP24761
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PD089903.D	15 Aug 2025 09:24		AR\AJ	Ok
2	I.BLK	I.BLK	PD089904.D	15 Aug 2025 09:37		AR\AJ	Ok
3	PEM	PEM	PD089905.D	15 Aug 2025 09:51		AR\AJ	Ok,M
4	PSTDCCC050	PSTDCCC050	PD089906.D	15 Aug 2025 10:04		AR\AJ	Ok
5	Q2819-06DL	11M-SDL	PD089907.D	15 Aug 2025 10:21		AR\AJ	Ok,M
6	Q2819-14DL	17M-WDL	PD089908.D	15 Aug 2025 10:35	Need dilution	AR\AJ	Dilution
7	Q2819-14DL2	17M-WDL2	PD089909.D	15 Aug 2025 10:49	TCMX high in 2nd column	AR\AJ	Ok,M
8	Q2820-09RE	705R-SRE	PD089910.D	15 Aug 2025 11:02	DCB low in both column	AR\AJ	Confirms
9	Q2827-01DL	TP-8DL	PD089911.D	15 Aug 2025 11:56		AR\AJ	Ok,M
10	Q2827-05DL	TP-9DL	PD089912.D	15 Aug 2025 12:17		AR\AJ	Ok,M
11	I.BLK	I.BLK	PD089913.D	15 Aug 2025 13:12		AR\AJ	Ok,M
12	PSTDCCC050	PSTDCCC050	PD089914.D	15 Aug 2025 13:53		AR\AJ	Ok,M
13	PB169261BL	PB169261BL	PD089915.D	15 Aug 2025 15:31		AR\AJ	Ok
14	PB169261BS	PB169261BS	PD089916.D	15 Aug 2025 16:02		AR\AJ	Ok,M
15	Q2877-01	EO-02-08142025	PD089917.D	15 Aug 2025 16:16		AR\AJ	Ok,M
16	Q2732-03	WC-A7-01-C	PD089918.D	15 Aug 2025 16:29		AR\AJ	Ok,M
17	Q2832-02	TG-S01	PD089919.D	15 Aug 2025 16:43		AR\AJ	Ok
18	Q2832-02MS	TG-S01MS	PD089920.D	15 Aug 2025 16:57		AR\AJ	Ok,M

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM
SubDirectory	PD081625	HP Acquire Method	HP Processing Method
			pd073125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2832-02MSD	TG-S01MSD	PD089921.D	15 Aug 2025 17:10		AR\AJ	Ok,M
20	Q2832-04	TG-S02	PD089922.D	15 Aug 2025 17:39		AR\AJ	Ok
21	Q2832-06	TG-S03	PD089923.D	15 Aug 2025 17:52		AR\AJ	Ok
22	Q2832-08	TG-S04	PD089924.D	15 Aug 2025 18:06		AR\AJ	Ok
23	I.BLK	I.BLK	PD089925.D	15 Aug 2025 18:20		AR\AJ	Ok
24	PEM	PEM	PD089926.D	15 Aug 2025 18:33		AR\AJ	Ok,M
25	PSTDCCC050	PSTDCCC050	PD089927.D	15 Aug 2025 18:47		AR\AJ	Ok,M
26	Q2832-10	TG-S05	PD089928.D	15 Aug 2025 19:04		AR\AJ	Ok
27	Q2836-03	WC-A2-15-C	PD089929.D	15 Aug 2025 19:17		AR\AJ	Ok
28	Q2836-07	WC-A2-16-C	PD089930.D	15 Aug 2025 19:31		AR\AJ	Ok,M
29	Q2836-11	WC-A2-17-C	PD089931.D	15 Aug 2025 19:45		AR\AJ	Ok,M
30	Q2836-15	WC-A5-02-C	PD089932.D	15 Aug 2025 19:58		AR\AJ	Ok
31	Q2876-01	CL-02-08142025	PD089933.D	15 Aug 2025 20:12		AR\AJ	Ok,M
32	I.BLK	I.BLK	PD089934.D	15 Aug 2025 20:26		AR\AJ	Ok
33	PSTDCCC050	PSTDCCC050	PD089935.D	15 Aug 2025 20:39		AR\AJ	Ok
34	PB169263BL	PB169263BL	PD089936.D	15 Aug 2025 21:34		AR\AJ	Ok
35	PB169263BS	PB169263BS	PD089937.D	15 Aug 2025 21:48		AR\AJ	Ok
36	PB169212TB	PB169212TB	PD089938.D	15 Aug 2025 22:02		AR\AJ	Ok
37	PB169264BL	PB169264BL	PD089939.D	15 Aug 2025 22:15		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM
SubDirectory	PD081625	HP Acquire Method	HP Processing Method
			pd073125 8081
STD. NAME	STD REF.#		
Tune/Reschk	PP24433,PP24651		
Initial Calibration Stds	PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764		
CCC	PP24751,PP24756,PP24761		
Internal Standard/PEM			
ICV/I.BLK	PP24754,PP24759,PP24761		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	PB169264BS	PB169264BS	PD089940.D	15 Aug 2025 22:29		AR\AJ	Ok
39	PB169264BSD	PB169264BSD	PD089941.D	15 Aug 2025 22:43		AR\AJ	Ok
40	Q2864-01	LAW-25-122-126	PD089942.D	15 Aug 2025 22:56		AR\AJ	Ok,M
41	Q2864-03	LAW-25-113-121	PD089943.D	15 Aug 2025 23:10	Surroage fail	AR\AJ	Not Ok
42	Q2865-02	ARS10-0047	PD089944.D	15 Aug 2025 23:24		AR\AJ	Ok,M
43	I.BLK	I.BLK	PD089945.D	15 Aug 2025 23:38		AR\AJ	Ok,M
44	PEM	PEM	PD089946.D	15 Aug 2025 23:51		AR\AJ	Ok,M
45	PSTDCCC050	PSTDCCC050	PD089947.D	16 Aug 2025 00:05	Comp#14 high in 2nd column	AR\AJ	Ok
46	Q2870-01	DRILL CUTTING 1-5 C	PD089948.D	16 Aug 2025 01:00		AR\AJ	Ok,M
47	Q2870-01MS	DRILL CUTTING 1-5 C	PD089949.D	16 Aug 2025 01:13		AR\AJ	Ok,M
48	Q2870-01MSD	DRILL CUTTING 1-5 C	PD089950.D	16 Aug 2025 01:27		AR\AJ	Ok,M
49	Q2870-04	DRILL CUTTING 6-9 C	PD089951.D	16 Aug 2025 01:41		AR\AJ	Ok,M
50	Q2871-01	DRILL CUTTING 1-3 C	PD089952.D	16 Aug 2025 01:54		AR\AJ	Ok,M
51	Q2871-04	DRILL CUTTING 4-6 C	PD089953.D	16 Aug 2025 02:08		AR\AJ	Ok,M
52	Q2871-07	DRILL CUTTING 1-5 C	PD089954.D	16 Aug 2025 02:22		AR\AJ	Ok,M
53	Q2872-01	DRILL CUTTING 1-2 C	PD089955.D	16 Aug 2025 02:36		AR\AJ	Ok,M
54	Q2873-01	DRILL CUTTING 1-3 C	PD089956.D	16 Aug 2025 02:49		AR\AJ	Ok,M
55	Q2873-04	DRILL CUTTING 4-6 C	PD089957.D	16 Aug 2025 03:03		AR\AJ	Ok,M
56	I.BLK	I.BLK	PD089958.D	16 Aug 2025 03:17		AR\AJ	Ok

Instrument ID: ECD_D

Daily Analysis Runlog For Sequence/QC Batch ID # PD081625

Review By	Abdul	Review On	8/18/2025 7:48:04 AM					
Supervise By	mohammad	Supervise On	8/19/2025 1:27:21 AM					
SubDirectory	PD081625	HP Acquire Method	HP Processing Method		pd073125 8081			
STD. NAME		STD REF.#						
Tune/Reschk		PP24433,PP24651						
Initial Calibration Stds		PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764						
CCC		PP24751,PP24756,PP24761						
Internal Standard/PEM								
ICV/I.BLK		PP24754,PP24759,PP24761						
Surrogate Standard								
MS/MSD Standard								
LCS Standard								

57	PSTDCCC050	PSTDCCC050	PD089959.D	16 Aug 2025 03:30	Comp#14 high in 2nd column	AR\AJ	Ok,M
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M : Manual Integration

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

SOP ID :	M1311-TCLP-16	
SDG No :	N/A	Start Prep Date : 08/12/2025 Time : 17:00
Weigh By :	JP	End Prep Date : 08/13/2025 Time : 10:35
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : N/A 70
Extraction By :	JP	Initial Room Temperature: 24 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pipette ID :	WC	TCLP Technician Signature : <i>JP</i>
Tumbler ID :	T-1 / T-2	Supervisor By : <i>RM</i>
TCLP Filter ID :	115525	

Standard Name	MLS USED	STD REF. # FROM LOG
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112804
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 / T-2 checked,30 rpm. Particle size reduction is not required. Q2838-08 IS USED for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/13/25 11:50	<i>JP</i> / <i>ICN Room</i>	<i>SPS.</i> / <i>RJ / E+L</i>
	Preparation Group	Analysis Group

/ RM

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
PB169212TB	LEB212	13	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2732-03	WC-A7-01-C	01	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2832-02	TG-S01	02	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2832-04	TG-S02	03	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2832-06	TG-S03	04	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2832-08	TG-S04	05	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2832-10	TG-S05	06	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q2836-03	WC-A2-15-C	07	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2836-07	WC-A2-16-C	08	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2836-11	WC-A2-17-C	09	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2836-15	WC-A5-02-C	10	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2838-04	TP-11	11	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2838-08	TP-10	12	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB169212TB	LEB212	N/A	N/A	N/A	N/A	N/A	N/A
Q2732-03	WC-A7-01-C	N/A	N/A	N/A	N/A	100	N/A
Q2832-02	TG-S01	N/A	N/A	N/A	N/A	100	N/A
Q2832-04	TG-S02	N/A	N/A	N/A	N/A	100	N/A
Q2832-06	TG-S03	N/A	N/A	N/A	N/A	100	N/A
Q2832-08	TG-S04	N/A	N/A	N/A	N/A	100	N/A
Q2832-10	TG-S05	N/A	N/A	N/A	N/A	100	N/A
Q2836-03	WC-A2-15-C	N/A	N/A	N/A	N/A	100	N/A
Q2836-07	WC-A2-16-C	N/A	N/A	N/A	N/A	100	N/A
Q2836-11	WC-A2-17-C	N/A	N/A	N/A	N/A	100	N/A
Q2836-15	WC-A5-02-C	N/A	N/A	N/A	N/A	100	N/A
Q2838-04	TP-11	N/A	N/A	N/A	N/A	100	N/A
Q2838-08	TP-10	N/A	N/A	N/A	N/A	100	N/A

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

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB169212TB	LEB212	N/A	N/A	N/A	N/A	#1	4.93
Q2732-03	WC-A7-01-C	5.02	96.5	11.5	4.5	#1	4.93
Q2832-02	TG-S01	5.02	96.5	8.4	3.5	#1	4.93
Q2832-04	TG-S02	5.01	96.5	8.4	3.5	#1	4.93
Q2832-06	TG-S03	5.02	96.5	8.2	3.0	#1	4.93
Q2832-08	TG-S04	5.03	96.5	8.0	3.0	#1	4.93
Q2832-10	TG-S05	5.04	96.5	7.0	2.5	#1	4.93
Q2836-03	WC-A2-15-C	5.03	96.5	12.0	4.5	#1	4.93
Q2836-07	WC-A2-16-C	5.02	96.5	12.0	4.5	#1	4.93
Q2836-11	WC-A2-17-C	5.03	96.5	12.5	4.5	#1	4.93
Q2836-15	WC-A5-02-C	5.02	96.5	11.5	4.5	#1	4.93
Q2838-04	TP-11	5.03	96.5	7.6	3.0	#1	4.93
Q2838-08	TP-10	5.02	96.5	7.2	2.5	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip q2832

WorkList ID : 191220

Department : TCLP Extraction

Date : 08-12-2025 11:53:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2732-03	WC-A7-01-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J21	08/12/2025	1311
Q2832-02	TG-S01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2832-04	TG-S02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2832-06	TG-S03	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2832-08	TG-S04	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2832-10	TG-S02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	J21	08/11/2025	1311
Q2836-03	WC-A2-15-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J23	08/12/2025	1311
Q2836-07	WC-A2-16-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J23	08/12/2025	1311
Q2836-11	WC-A2-17-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J23	08/12/2025	1311
Q2836-15	WC-A5-02-C	Solid	TCLP Extraction	Cool 4 deg C	ENTA05	J23	08/12/2025	1311
Q2838-04	TP-11	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	08/12/2025	1311
Q2838-08	TP-10	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	D21	08/12/2025	1311

Date/Time 08/12/25 14:30

Raw Sample Received by: CP SM

Raw Sample Relinquished by: CP SM

Date/Time 08/12/25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: CP SM

SOP ID: M3510C,3580A-Extraction Pesticide-17

Clean Up SOP #: N/A **Extraction Start Date :** 08/15/2025

Matrix : Water **Extraction Start Time :** 09:50

Weigh By: N/A **Extraction By:** RS **Extraction End Date :** 08/15/2025

Balance check: N/A **Filter By:** RJ **Extraction End Time :** 14:30

Balance ID: N/A **pH Meter ID:** N/A **Concentration By:** RS

pH Strip Lot#: E3880 **Hood ID:** 4,5,6,7 **Supervisor By :** RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	500 PPB	PP24766
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3954
Baked Na2SO4	N/A	EP2632
Hexane	N/A	E3962
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS723.

KD Bath ID: WATER BATH-1,2 **Envap ID:** NEVAP-02

KD Bath Temperature: 60 °C **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/15/25	RS (Ext Lab)	Y-P-PeppUB
14:35	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction Pesticide-17

Concentration Date: 08/15/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169212TB	PB169212TB	TCLP Pesticide	100	6	RUPESH	ritesh	10			SEP-1
PB169263BL	PBLK263	TCLP Pesticide	1000	6	RUPESH	ritesh	10			2
PB169263BS	PLCS263	TCLP Pesticide	1000	6	RUPESH	ritesh	10			3
Q2732-03	WC-A7-01-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		4
Q2832-02	TG-S01	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		5
Q2832-02MS	TG-S01MS	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		6
Q2832-02MS D	TG-S01MSD	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		7
Q2832-04	TG-S02	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		8
Q2832-06	TG-S03	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		9
Q2832-08	TG-S04	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		10
Q2832-10	TG-S05	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		11
Q2836-03	WC-A2-15-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		12
Q2836-07	WC-A2-16-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		13
Q2836-11	WC-A2-17-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		14
Q2836-15	WC-A5-02-C	TCLP Pesticide	100	6	RUPESH	ritesh	10	A		15

* Extracts relinquished on the same date as received.

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
PB169212TB	LEB212	13	N/A	2000	N/A	N/A	N/A	4.93	1.5	T-2
Q2732-03	WC-A7-01-C	01	100.02	2000	N/A	N/A	N/A	11.0	1.0	T-1
Q2832-02	TG-S01	02	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2832-04	TG-S02	03	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2832-06	TG-S03	04	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2832-08	TG-S04	05	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2832-10	TG-S05	06	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-1
Q2836-03	WC-A2-15-C	07	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2836-07	WC-A2-16-C	08	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2836-11	WC-A2-17-C	09	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2836-15	WC-A5-02-C	10	100.02	2000	N/A	N/A	N/A	11.0	1.5	T-1
Q2838-04	TP-11	11	100.01	2000	N/A	N/A	N/A	5.6	1.0	T-2
Q2838-08	TP-10	12	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-2

08/13/25
121.00

LAB CHRONICLE

OrderID:	Q2832	OrderDate:	8/12/2025 9:37:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	J21,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2832-01	TG-S01	SOIL	PCB	8082A	08/11/25	08/13/25	08/13/25	08/12/25
Q2832-02	TG-S01	TCLP	TCLP Pesticide	8081B	08/11/25	08/15/25	08/15/25	08/12/25
Q2832-03	TG-S02	SOIL	PCB	8082A	08/11/25	08/13/25	08/13/25	08/12/25
Q2832-03DL	TG-S02DL	SOIL	PCB	8082A	08/11/25	08/13/25	08/14/25	08/12/25
Q2832-04	TG-S02	TCLP	TCLP Pesticide	8081B	08/11/25	08/15/25	08/15/25	08/12/25
Q2832-05	TG-S03	SOIL	PCB	8082A	08/11/25	08/13/25	08/13/25	08/12/25
Q2832-05DL	TG-S03DL	SOIL	PCB	8082A	08/11/25	08/13/25	08/14/25	08/12/25
Q2832-06	TG-S03	TCLP	TCLP Pesticide	8081B	08/11/25	08/15/25	08/15/25	08/12/25
Q2832-07	TG-S04	SOIL	PCB	8082A	08/11/25	08/13/25	08/13/25	08/12/25
Q2832-07DL	TG-S04DL	SOIL	PCB	8082A	08/11/25	08/13/25	08/14/25	08/12/25
Q2832-08	TG-S04	TCLP	TCLP Pesticide	8081B	08/11/25	08/15/25	08/15/25	08/12/25
Q2832-09	TG-S05	SOIL			08/12/25			08/12/25

