

Hit Summary Sheet
SW-846

SDG No.: Q2303

Order ID: Q2303

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q2303-01	B-165-SB01 B-165-SB01	SOIL	Aroclor-1254	209	3.80	20.3	ug/kg	
Total Concentration:				209.000				

A
B
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I
J
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L



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-165-SB01	SDG No.:	Q2303
Lab Sample ID:	Q2303-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072906.D	1	06/13/25 08:05	06/13/25 11:55	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.3	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.3	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.3	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.3	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.3	ug/kg
11097-69-1	Aroclor-1254	209		3.80	20.3	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.3	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.3	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		30 (32) - 150 (175)	120%	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:	06/11/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/11/25
Client Sample ID:	B-170-SB03	SDG No.:	Q2303
Lab Sample ID:	Q2303-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072907.D	1	06/13/25 08:05	06/13/25 12:11	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.3	ug/kg
11104-28-2	Aroclor-1221	4.30	U	4.30	18.3	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.3	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	18.3	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.3	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.3	ug/kg
37324-23-5	Aroclor-1262	5.40	U	5.40	18.3	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.3	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.6		30 (32) - 150 (144)	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		30 (32) - 150 (175)	108%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q2303**

Client: **Portal Partners Tri-Venture**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PP072163.D	PIBLK-PP072163.D	Tetrachloro-m-xylene	1	20	16.3	82		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	16.7	84		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	16.6	83		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	17.0	85		70 (60)	130 (140)
I.BLK-PP072903.D	PIBLK-PP072903.D	Tetrachloro-m-xylene	1	20	19.4	97		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	20.3	102		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.8	104		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	23.6	118		70 (60)	130 (140)
PB168459BL	PB168459BL	Tetrachloro-m-xylene	1	20	19.9	100		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	20.7	104		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.1	106		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	25.4	127		30 (32)	150 (175)
PB168459BS	PB168459BS	Tetrachloro-m-xylene	1	20	20.0	100		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	21.5	108		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.0	100		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	25.3	126		30 (32)	150 (175)
Q2303-01	B-165-SB01	Tetrachloro-m-xylene	1	20	19.4	97		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.1	95		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.3	107		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	24.0	120		30 (32)	150 (175)
Q2303-02	B-170-SB03	Tetrachloro-m-xylene	1	20	18.5	93		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	18.1	91		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	22.6	113		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	21.6	108		30 (32)	150 (175)
Q2305-01MS	TR-04-06122025MS	Tetrachloro-m-xylene	1	20	16.5	83		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	19.0	95		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	19.6	98		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	24.0	120		30 (32)	150 (175)
Q2305-01MSD	TR-04-06122025MSD	Tetrachloro-m-xylene	1	20	19.2	96		30 (32)	150 (144)
		Decachlorobiphenyl	1	20	17.6	88		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	21.1	105		30 (32)	150 (144)
		Decachlorobiphenyl	2	20	22.2	111		30 (32)	150 (175)
I.BLK-PP072918.D	PIBLK-PP072918.D	Tetrachloro-m-xylene	1	20	18.8	94		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.9	90		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	20.4	102		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.7	113		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2303</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Portal Partners Tri-Venture</u>	DataFile :	<u>PP072911.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2305-01MS (Column 1)	TR-04-06122025MS AR1016	169.6	0	118	ug/kg	70				40 (55)	140 (146)	
	AR1260	169.6	0	113	ug/kg	67				40 (54)	140 (119)	
Client Sample ID: Q2305-01MS (Column 2)	TR-04-06122025MS AR1016	169.6	0	132	ug/kg	78				40 (55)	140 (146)	
	AR1260	169.6	0	130	ug/kg	77				40 (54)	140 (119)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2303</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Portal Partners Tri-Venture</u>	DataFile :	<u>PP072912.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2305-01MSD (Column 1)	TR-04-06122025MSD AR1016	169.4	0	123	ug/kg	73		4		40 (55)	140 (146)	30 (15)
	AR1260	169.4	0	104	ug/kg	61		9		40 (54)	140 (119)	30 (15)
Client Sample ID: Q2305-01MSD (Column 2)	TR-04-06122025MSD AR1016	169.4	0	133	ug/kg	79		1		40 (55)	140 (146)	30 (15)
	AR1260	169.4	0	125	ug/kg	74		4		40 (54)	140 (119)	30 (15)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2303</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Portal Partners Tri-Venture</u>	Datafile :	<u>PP072905.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168459BS (Column 1)	AR1016	166.5	128	ug/kg	77				40 (71)	140 (120)	
	AR1260	166.5	126	ug/kg	76				40 (65)	140 (130)	
PB168459BS (Column 2)	AR1016	166.5	135	ug/kg	81				40 (71)	140 (120)	
	AR1260	166.5	150	ug/kg	90				40 (65)	140 (130)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168459BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q2303

SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: PB168459BL

Lab File ID: PP072904.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/13/2025

Date Analyzed (1): 06/13/2025

Date Analyzed (2): 06/13/2025

Time Analyzed (1): 11:22

Time Analyzed (2): 11:22

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB168459BS	PB168459BS	PP072905.D	06/13/2025	06/13/2025
B-165-SB01	Q2303-01	PP072906.D	06/13/2025	06/13/2025
B-170-SB03	Q2303-02	PP072907.D	06/13/2025	06/13/2025
TR-04-06122025MS	Q2305-01MS	PP072911.D	06/13/2025	06/13/2025
TR-04-06122025MSD	Q2305-01MSD	PP072912.D	06/13/2025	06/13/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168459BL	SDG No.:	Q2303
Lab Sample ID:	PB168459BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072904.D	1	06/13/25 08:05	06/13/25 11:22	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		30 (32) - 150 (144)	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.4		30 (32) - 150 (175)	127%	SPK: 20

Comments:

U = Not Detected

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	05/19/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	05/19/25	
Client Sample ID:	PIBLK-PP072163.D		SDG No.:	Q2303	
Lab Sample ID:	I.BLK-PP072163.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072163.D	1		05/19/25	PP051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.3		70 (60) - 130 (140)	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		70 (60) - 130 (140)	84%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	06/13/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	06/13/25	
Client Sample ID:	PIBLK-PP072903.D		SDG No.:	Q2303	
Lab Sample ID:	I.BLK-PP072903.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072903.D	1		06/13/25	PP061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		70 (60) - 130 (140)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		70 (60) - 130 (140)	102%	SPK: 20

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	06/13/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	06/13/25	
Client Sample ID:	PIBLK-PP072918.D		SDG No.:	Q2303	
Lab Sample ID:	I.BLK-PP072918.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072918.D	1		06/13/25	pp061325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		70 (60) - 130 (140)	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.9		70 (60) - 130 (140)	90%	SPK: 20

Comments:

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Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:		
Project:	Amtrak Sawtooth Bridges 2025		Date Received:		
Client Sample ID:	PB168459BS		SDG No.:	Q2303	
Lab Sample ID:	PB168459BS		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072905.D	1	06/13/25 08:05	06/13/25 11:39	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	135		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	150		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		30 (32) - 150 (144)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.3		30 (32) - 150 (175)	126%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/12/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/12/25
Client Sample ID:	TR-04-06122025MS	SDG No.:	Q2303
Lab Sample ID:	Q2305-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	98.2
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072911.D	1	06/13/25 08:05	06/13/25 13:16	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	132		4.00	17.3	ug/kg
11104-28-2	Aroclor-1221	4.10	U	4.10	17.3	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.3	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.3	ug/kg
12672-29-6	Aroclor-1248	6.00	U	6.00	17.3	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.3	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	17.3	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.3	ug/kg
11096-82-5	Aroclor-1260	130		3.30	17.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.6		30 (32) - 150 (144)	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		30 (32) - 150 (175)	120%	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:	06/12/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	06/12/25	
Client Sample ID:	TR-04-06122025MSD		SDG No.:	Q2303	
Lab Sample ID:	Q2305-01MSD		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	98.2	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072912.D	1	06/13/25 08:05	06/13/25 13:33	PB168459

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	133		4.00	17.3	ug/kg
11104-28-2	Aroclor-1221	4.10	U	4.10	17.3	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	17.3	ug/kg
53469-21-9	Aroclor-1242	4.10	U	4.10	17.3	ug/kg
12672-29-6	Aroclor-1248	6.00	U	6.00	17.3	ug/kg
11097-69-1	Aroclor-1254	3.30	U	3.30	17.3	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	17.3	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	17.3	ug/kg
11096-82-5	Aroclor-1260	125		3.30	17.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		30 (32) - 150 (144)	105%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		30 (32) - 150 (175)	111%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.22	10.22	10.22	10.22	10.22	10.22	10.12	10.32
Tetrachloro-m-xylene	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1268-1 (1)	8.72	8.72	8.72	8.72	8.72	8.72	8.62	8.82
Aroclor-1268-2 (2)	8.81	8.82	8.81	8.81	8.81	8.81	8.71	8.91
Aroclor-1268-3 (3)	9.04	9.05	9.04	9.04	9.05	9.04	8.94	9.14
Aroclor-1268-4 (4)	9.46	9.46	9.46	9.46	9.46	9.46	9.36	9.56
Aroclor-1268-5 (5)	9.88	9.88	9.88	9.88	9.88	9.88	9.78	9.98
Decachlorobiphenyl	10.22	10.22	10.22	10.21	10.22	10.22	10.12	10.32
Tetrachloro-m-xylene	4.50	4.51	4.50	4.50	4.50	4.50	4.40	4.60

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

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1 (1)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-2 (2)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Aroclor-1268-3 (3)	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
Aroclor-1268-4 (4)	8.27	8.27	8.27	8.27	8.27	8.27	8.17	8.37
Aroclor-1268-5 (5)	8.57	8.57	8.57	8.57	8.57	8.57	8.47	8.67
Decachlorobiphenyl	8.83	8.83	8.83	8.82	8.82	8.83	8.73	8.93
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Instrument ID: ECD_P

Calibration Date(s): 05/19/2025 05/19/2025

Calibration Times: 09:42 18:25

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

LAB FILE ID:		CF 1000 = <u>PP072164.D</u>		CF 750 = <u>PP072165.D</u>			
CF 500 = <u>PP072166.D</u>		CF 250 = <u>PP072167.D</u>		CF 050 = <u>PP072168.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	66878491	69828851	76010044	83211968	79488900	75083651
Aroclor-1016-2	(2)	99468528	104467549	110518222	118579572	101924480	106991670
Aroclor-1016-3	(3)	61412187	64234915	67714060	73550892	60912680	65564947
Aroclor-1016-4	(4)	50363803	53404009	55311866	58220708	49049560	53269989
Aroclor-1016-5	(5)	45437165	47941741	49914606	51189784	50062640	48909187
Aroclor-1260-1	(1)	85553757	90346417	93957158	98060904	100055640	93594775
Aroclor-1260-2	(2)	135650987	137755076	143609204	149400496	151032820	143489717
Aroclor-1260-3	(3)	109042220	112821207	117388622	121236852	108865120	113870804
Aroclor-1260-4	(4)	102101329	107107725	110940768	114591832	101771400	107302611
Aroclor-1260-5	(5)	228876095	233706888	240834266	249937120	229956720	236662218
Decachlorobiphenyl		1538266220	1617591187	1654764640	1712186920	1622812600	1629124313
Tetrachloro-m-xylene		1944699760	2026562000	2072807240	2135906680	1874026800	2010800496
Aroclor-1232-1	(1)	44075653	45896815	48002922	48247276	49319600	47108453
Aroclor-1232-2	(2)	21717379	22928696	23244388	23029808	25495660	23283186
Aroclor-1232-3	(3)	46772523	50148184	51844656	54382920	47167260	50063109
Aroclor-1232-4	(4)	23238504	24146713	24804390	26183196	27122440	25099049
Aroclor-1232-5	(5)	15752983	16470224	16442412	18109320	20822780	17519544
Decachlorobiphenyl		1545279190	1600827560	1672901480	1703701720	1499866000	1604515190
Tetrachloro-m-xylene		1886122400	2000973440	2054641840	2122290120	1923172600	1997440080
Aroclor-1242-1	(1)	56211553	57323072	62083360	65843868	71524840	62597339
Aroclor-1242-2	(2)	82973080	85971496	91883334	97584776	75486540	86779845
Aroclor-1242-3	(3)	51559127	52121972	55496172	57080948	59071260	55065896
Aroclor-1242-4	(4)	41207603	43030657	45948576	46781836	44776460	44349026
Aroclor-1242-5	(5)	47977894	48696228	50879554	52435600	54934800	50984815
Decachlorobiphenyl		1526214180	1567133680	1645977640	1728993240	1487418400	1591147428
Tetrachloro-m-xylene		1827808490	1928927520	1991275140	2114690400	1713029600	1915146230
Aroclor-1248-1	(1)	44038397	47472432	47912646	51445364	51108500	48395468
Aroclor-1248-2	(2)	56984732	59400859	61165396	63476680	62172680	60640069
Aroclor-1248-3	(3)	64677132	65813748	68767932	70638012	61003720	66180109
Aroclor-1248-4	(4)	81606824	85304428	88412180	92196600	89440360	87392078
Aroclor-1248-5	(5)	77587697	81003728	83211240	86851844	86474060	83025714
Decachlorobiphenyl		1573368300	1599269360	1663196880	1714969280	1478724200	1605905604
Tetrachloro-m-xylene		1880240370	1909383627	1990709860	2112434560	1856348600	1949823403
Aroclor-1254-1	(1)	79792123	82783284	86922424	91684028	88834440	86003260

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	120142096	124850076	131105324	134547092	142741880	130677294	7
Aroclor-1254-3	(3)	124307316	127832729	133782854	136984312	137108200	132003082	4
Aroclor-1254-4	(4)	116304358	118550812	124418220	136069712	157210520	130510724	13
Aroclor-1254-5	(5)	107938622	112056604	116315218	117138120	102784720	111246657	5
Decachlorobiphenyl		1576500070	1614032093	1688035380	1708021160	1475084400	1612334621	6
Tetrachloro-m-xylene		1869066560	1948875347	2032435420	2069900400	1617536400	1907562825	9
Aroclor-1268-1	(1)	315692357	322966827	337626016	351356792	338115380	333151474	4
Aroclor-1268-2	(2)	265886956	272371317	285215132	296487980	279979560	279988189	4
Aroclor-1268-3	(3)	227961300	235081659	247250176	255747588	241284760	241465097	4
Aroclor-1268-4	(4)	101392203	104765767	107968348	108360296	102254740	104948271	3
Aroclor-1268-5	(5)	651541042	667177075	686960040	706355632	672967440	677000246	3
Decachlorobiphenyl		2733685450	2815599213	2937966700	3038738360	2636754200	2832548785	6
Tetrachloro-m-xylene		1849618000	1900065360	1995699220	2054630680	1744336400	1908869932	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2303 **SAS No.:** Q2303 **SDG NO.:** Q2303

Instrument ID: ECD_P **Calibration Date(s):** 05/19/2025 05/19/2025
Calibration Times: 09:42 18:25

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

LAB FILE ID:		CF 1000 = <u>PP072164.D</u>		CF 750 = <u>PP072165.D</u>			
CF 500 = <u>PP072166.D</u>		CF 250 = <u>PP072167.D</u>		CF 050 = <u>PP072168.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	54525663	58849481	59632288	64515432	69624760	61429525
Aroclor-1016-2	(2)	79772717	86154421	85288758	92453296	95277560	87789350
Aroclor-1016-3	(3)	42641318	46352395	47330430	50989192	50959120	47654491
Aroclor-1016-4	(4)	33654246	36754908	37811202	41521120	40485160	38045327
Aroclor-1016-5	(5)	43791070	47744144	49105368	53701332	54780200	49824423
Aroclor-1260-1	(1)	72244144	75307759	80373306	84844232	85999160	79753720
Aroclor-1260-2	(2)	87664004	90365408	98490088	104924488	125666920	101422182
Aroclor-1260-3	(3)	79909091	81326363	88937536	92494016	91844780	86902357
Aroclor-1260-4	(4)	64349922	67685321	72647720	77711116	78060640	72090944
Aroclor-1260-5	(5)	161315528	166937577	177635780	187517596	174713540	173624004
Decachlorobiphenyl		920208980	1044964960	1093136160	1163579000	1071118200	1058601460
Tetrachloro-m-xylene		1547649930	1584243107	1593704220	1639561360	1626633000	1598358323
Aroclor-1232-1	(1)	37616932	40592059	45290150	47667724	45555860	43344545
Aroclor-1232-2	(2)	39358353	42024527	44532022	47402620	47585980	44180700
Aroclor-1232-3	(3)	20796080	22347549	23808552	25172964	24790340	23383097
Aroclor-1232-4	(4)	17897124	19415229	20680720	21689292	23918420	20720157
Aroclor-1232-5	(5)	19472370	21237964	22534450	24219412	28307940	23154427
Decachlorobiphenyl		991061470	1069964400	1120483020	1147415120	1151969600	1096178722
Tetrachloro-m-xylene		1503650850	1560846907	1685979140	1671096560	1578260800	1599966851
Aroclor-1242-1	(1)	46123670	49902476	52843000	57237560	54435320	52108405
Aroclor-1242-2	(2)	66003789	71039361	75471286	80940564	74026140	73496228
Aroclor-1242-3	(3)	34394227	38777200	41064482	44714476	36677280	39125533
Aroclor-1242-4	(4)	32146418	36854119	38826456	43192656	36894340	37582798
Aroclor-1242-5	(5)	41776015	46613400	48754570	54226988	49917340	48257663
Decachlorobiphenyl		967171680	1074707920	1046164720	1163123680	1078294400	1065892480
Tetrachloro-m-xylene		1545621850	1670448987	1600956100	1623877080	1377345600	1563649923
Aroclor-1248-1	(1)	38942472	38080832	42980810	46736940	49867020	43321615
Aroclor-1248-2	(2)	50685144	49386624	55814958	61079164	65420760	56477330
Aroclor-1248-3	(3)	53612101	51937139	58301874	64007240	67677000	59107071
Aroclor-1248-4	(4)	63542852	61081784	68799052	75621092	79219440	69652844
Aroclor-1248-5	(5)	63751699	62374025	69241268	74501112	78829180	69739457
Decachlorobiphenyl		1077930460	1066864453	1129616840	1218519160	1187538600	1136093903
Tetrachloro-m-xylene		1585370290	1544149787	1686359520	1807980440	1717995000	1668371007
Aroclor-1254-1	(1)	88394708	92134828	103452628	109580892	106208260	99954263

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1254-2	(2)	75158218	78808232	90151838	93786952	93629340	86306916	10
Aroclor-1254-3	(3)	118588697	123091027	137573488	140955076	122895140	128620686	8
Aroclor-1254-4	(4)	76184182	79817879	90049888	92363636	88066400	85296397	8
Aroclor-1254-5	(5)	103321222	111630831	120507404	120857332	110441220	113351602	7
Decachlorobiphenyl		1048618240	1081081133	1110321040	1211638680	1138223000	1117976419	6
Tetrachloro-m-xylene		1515554540	1677026120	1758978840	1703246040	1394379800	1609837068	9
Aroclor-1268-1	(1)	212587803	222334836	235771254	243664628	256729280	234217560	7
Aroclor-1268-2	(2)	188526781	196925783	208389682	217661736	222594360	206819668	7
Aroclor-1268-3	(3)	155195263	161035703	174669460	176674312	179279020	169370752	6
Aroclor-1268-4	(4)	67370219	71019111	74855072	76562592	74977520	72956903	5
Aroclor-1268-5	(5)	431064337	442819956	457037218	461770552	492119380	456962289	5
Decachlorobiphenyl		1753973260	1820277787	1902401960	1966032280	2130248600	1914586777	8
Tetrachloro-m-xylene		1581658390	1604094987	1649636500	1662342440	1498230000	1599192463	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Instrument ID: ECD_P Date(s) Analyzed: 05/19/2025 05/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.70	4.60	4.80	25133000
		2	4.79	4.69	4.89	17981400
		3	4.86	4.76	4.96	58509600
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	8.09	7.99	8.19	133245000
		2	8.41	8.31	8.51	272386000
		3	8.72	8.62	8.82	185530000
		4	8.81	8.71	8.91	134281000
		5	9.46	9.36	9.56	92460600

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Instrument ID: ECD_P Date(s) Analyzed: 05/19/2025 05/19/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.01	3.91	4.11	23124400
		2	4.09	3.99	4.19	17698400
		3	4.17	4.07	4.27	52270400
		4	0.00			0
		5	0.00			0
Aroclor-1262	500	1	6.92	6.82	7.02	113028000
		2	7.18	7.08	7.28	97127000
		3	7.70	7.60	7.80	81531200
		4	7.77	7.67	7.87	140624000
		5	8.27	8.17	8.37	65083800

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Continuing Calib Date: 06/13/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 09:44 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.00
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.24	7.25	7.15	7.35	0.01
Aroclor-1260-2	(2)	7.49	7.50	7.40	7.60	0.01
Aroclor-1260-3	(3)	7.85	7.86	7.76	7.96	0.01
Aroclor-1260-4	(4)	8.07	8.09	7.99	8.19	0.02
Aroclor-1260-5	(5)	8.39	8.40	8.30	8.50	0.01
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.19	10.21	10.11	10.31	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Continuing Calib Date: 06/13/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 09:44 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.69	6.71	6.61	6.81	0.02
Aroclor-1260-4	(4)	7.16	7.18	7.08	7.28	0.02
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.82	8.72	8.92	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL01 Date Analyzed: 06/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072898.D Time Analyzed: 09:44

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.648	5.552	5.752	433.430	500.000	-13.3
Aroclor-1016-2	5.669	5.574	5.774	480.470	500.000	-3.9
Aroclor-1016-3	5.731	5.636	5.836	475.320	500.000	-4.9
Aroclor-1016-4	5.829	5.734	5.934	490.530	500.000	-1.9
Aroclor-1016-5	6.121	6.027	6.227	488.970	500.000	-2.2
Aroclor-1260-1	7.239	7.147	7.347	476.790	500.000	-4.6
Aroclor-1260-2	7.492	7.401	7.601	459.490	500.000	-8.1
Aroclor-1260-3	7.850	7.760	7.960	479.490	500.000	-4.1
Aroclor-1260-4	8.074	7.985	8.185	477.040	500.000	-4.6
Aroclor-1260-5	8.393	8.303	8.503	502.580	500.000	0.5
Decachlorobiphenyl	10.191	10.113	10.313	53.180	50.000	6.4
Tetrachloro-m-xylene	4.496	4.396	4.596	50.560	50.000	1.1

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL01 Date Analyzed: 06/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072898.D Time Analyzed: 09:44

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.870	4.777	4.977	527.350	500.000	5.5
Aroclor-1016-2	4.888	4.795	4.995	537.000	500.000	7.4
Aroclor-1016-3	5.065	4.973	5.173	534.350	500.000	6.9
Aroclor-1016-4	5.106	5.015	5.215	541.100	500.000	8.2
Aroclor-1016-5	5.320	5.229	5.429	560.140	500.000	12.0
Aroclor-1260-1	6.352	6.264	6.464	543.650	500.000	8.7
Aroclor-1260-2	6.540	6.453	6.653	519.640	500.000	3.9
Aroclor-1260-3	6.692	6.606	6.806	541.410	500.000	8.3
Aroclor-1260-4	7.163	7.077	7.277	544.390	500.000	8.9
Aroclor-1260-5	7.405	7.319	7.519	549.520	500.000	9.9
Decachlorobiphenyl	8.802	8.723	8.923	60.430	50.000	20.9
Tetrachloro-m-xylene	3.790	3.691	3.891	53.970	50.000	7.9

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Continuing Calib Date: 06/13/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 14:48 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.65	5.65	5.55	5.75	0.00
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.24	7.25	7.15	7.35	0.01
Aroclor-1260-2	(2)	7.49	7.50	7.40	7.60	0.01
Aroclor-1260-3	(3)	7.85	7.86	7.76	7.96	0.01
Aroclor-1260-4	(4)	8.07	8.09	7.99	8.19	0.02
Aroclor-1260-5	(5)	8.39	8.40	8.30	8.50	0.01
Tetrachloro-m-xylene		4.50	4.50	4.40	4.60	0.00
Decachlorobiphenyl		10.19	10.21	10.11	10.31	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Continuing Calib Date: 06/13/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 14:48 Initial Calibration Time(s): 09:42 18:25

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.89	4.90	4.80	5.00	0.01
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.69	6.71	6.61	6.81	0.02
Aroclor-1260-4	(4)	7.16	7.18	7.08	7.28	0.02
Aroclor-1260-5	(5)	7.40	7.42	7.32	7.52	0.02
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.80	8.82	8.72	8.92	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL02 Date Analyzed: 06/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072914.D Time Analyzed: 14:48

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.648	5.552	5.752	421.180	500.000	-15.8
Aroclor-1016-2	5.670	5.574	5.774	442.270	500.000	-11.5
Aroclor-1016-3	5.732	5.636	5.836	440.440	500.000	-11.9
Aroclor-1016-4	5.829	5.734	5.934	458.080	500.000	-8.4
Aroclor-1016-5	6.121	6.027	6.227	455.740	500.000	-8.9
Aroclor-1260-1	7.238	7.147	7.347	424.190	500.000	-15.2
Aroclor-1260-2	7.492	7.401	7.601	406.910	500.000	-18.6
Aroclor-1260-3	7.850	7.760	7.960	419.380	500.000	-16.1
Aroclor-1260-4	8.073	7.985	8.185	409.950	500.000	-18.0
Aroclor-1260-5	8.391	8.303	8.503	432.570	500.000	-13.5
Decachlorobiphenyl	10.189	10.113	10.313	46.160	50.000	-7.7
Tetrachloro-m-xylene	4.497	4.396	4.596	48.930	50.000	-2.1

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL02 Date Analyzed: 06/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072914.D Time Analyzed: 14:48

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.870	4.777	4.977	511.970	500.000	2.4
Aroclor-1016-2	4.889	4.795	4.995	521.930	500.000	4.4
Aroclor-1016-3	5.065	4.973	5.173	527.470	500.000	5.5
Aroclor-1016-4	5.107	5.015	5.215	526.980	500.000	5.4
Aroclor-1016-5	5.320	5.229	5.429	511.470	500.000	2.3
Aroclor-1260-1	6.352	6.264	6.464	520.920	500.000	4.2
Aroclor-1260-2	6.541	6.453	6.653	487.420	500.000	-2.5
Aroclor-1260-3	6.692	6.606	6.806	502.650	500.000	0.5
Aroclor-1260-4	7.162	7.077	7.277	515.240	500.000	3.0
Aroclor-1260-5	7.404	7.319	7.519	503.750	500.000	0.8
Decachlorobiphenyl	8.800	8.723	8.923	55.070	50.000	10.1
Tetrachloro-m-xylene	3.790	3.691	3.891	52.880	50.000	5.8

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q2303
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 05/19/2025 05/19/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	05/19/2025	09:26	PP072163.D	10.21	4.50
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	10.21	4.50
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	10.21	4.50
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	10.21	4.50
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	10.21	4.50
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	10.21	4.50
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	10.21	4.50
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	10.21	4.50
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	10.22	4.50
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	10.21	4.50
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	10.22	4.50
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	10.21	4.50
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	10.22	4.50
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	10.22	4.50
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	10.22	4.51
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	10.21	4.50
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	10.22	4.50
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	10.22	4.51
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	10.21	4.50
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	10.22	4.50
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	10.22	4.50
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	10.21	4.50
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	10.22	4.50
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	10.22	4.50
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	10.22	4.50
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	10.22	4.50
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	10.22	4.50
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	10.22	4.50
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	10.22	4.50
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	10.22	4.51
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	10.22	4.50
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	10.21	4.50
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	10.22	4.50
AR1660CCC500	AR1660CCC500	06/13/2025	09:44	PP072898.D	10.19	4.50
IBLK	IBLK	06/13/2025	11:06	PP072903.D	10.19	4.50
PB168459BL	PB168459BL	06/13/2025	11:22	PP072904.D	10.19	4.50
PB168459BS	PB168459BS	06/13/2025	11:39	PP072905.D	10.19	4.50
B-165-SB01	Q2303-01	06/13/2025	11:55	PP072906.D	10.19	4.49
B-170-SB03	Q2303-02	06/13/2025	12:11	PP072907.D	10.19	4.50
TR-04-06122025MS	Q2305-01MS	06/13/2025	13:16	PP072911.D	10.19	4.50
TR-04-06122025MSD	Q2305-01MSD	06/13/2025	13:33	PP072912.D	10.19	4.50
AR1660CCC500	AR1660CCC500	06/13/2025	14:48	PP072914.D	10.19	4.50

Analytical Sequence

IBLK	IBLK	06/13/2025	15:54	PP072918.D	10.19	4.50
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Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q2303
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/19/2025 05/19/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	05/19/2025	09:26	PP072163.D	8.82	3.79
AR1660ICC1000	AR1660ICC1000	05/19/2025	09:42	PP072164.D	8.82	3.79
AR1660ICC750	AR1660ICC750	05/19/2025	09:59	PP072165.D	8.82	3.79
AR1660ICC500	AR1660ICC500	05/19/2025	10:15	PP072166.D	8.82	3.79
AR1660ICC250	AR1660ICC250	05/19/2025	10:32	PP072167.D	8.82	3.79
AR1660ICC050	AR1660ICC050	05/19/2025	10:48	PP072168.D	8.82	3.79
AR1221ICC500	AR1221ICC500	05/19/2025	11:05	PP072169.D	8.82	3.79
AR1232ICC1000	AR1232ICC1000	05/19/2025	11:21	PP072170.D	8.82	3.80
AR1232ICC750	AR1232ICC750	05/19/2025	11:38	PP072171.D	8.82	3.80
AR1232ICC500	AR1232ICC500	05/19/2025	11:54	PP072172.D	8.82	3.80
AR1232ICC250	AR1232ICC250	05/19/2025	12:10	PP072173.D	8.82	3.80
AR1232ICC050	AR1232ICC050	05/19/2025	12:27	PP072174.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	05/19/2025	12:43	PP072175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	05/19/2025	12:59	PP072176.D	8.83	3.80
AR1242ICC500	AR1242ICC500	05/19/2025	13:15	PP072177.D	8.83	3.80
AR1242ICC250	AR1242ICC250	05/19/2025	13:32	PP072178.D	8.83	3.80
AR1242ICC050	AR1242ICC050	05/19/2025	13:48	PP072179.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	05/19/2025	14:04	PP072180.D	8.83	3.80
AR1248ICC750	AR1248ICC750	05/19/2025	14:20	PP072181.D	8.83	3.80
AR1248ICC500	AR1248ICC500	05/19/2025	14:37	PP072182.D	8.83	3.80
AR1248ICC250	AR1248ICC250	05/19/2025	14:53	PP072183.D	8.83	3.80
AR1248ICC050	AR1248ICC050	05/19/2025	15:25	PP072184.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	05/19/2025	15:42	PP072185.D	8.83	3.80
AR1254ICC750	AR1254ICC750	05/19/2025	15:58	PP072186.D	8.83	3.80
AR1254ICC500	AR1254ICC500	05/19/2025	16:14	PP072187.D	8.83	3.80
AR1254ICC250	AR1254ICC250	05/19/2025	16:31	PP072188.D	8.83	3.80
AR1254ICC050	AR1254ICC050	05/19/2025	16:47	PP072189.D	8.83	3.80
AR1262ICC500	AR1262ICC500	05/19/2025	17:03	PP072190.D	8.83	3.80
AR1268ICC1000	AR1268ICC1000	05/19/2025	17:20	PP072191.D	8.83	3.80
AR1268ICC750	AR1268ICC750	05/19/2025	17:36	PP072192.D	8.83	3.80
AR1268ICC500	AR1268ICC500	05/19/2025	17:53	PP072193.D	8.83	3.80
AR1268ICC250	AR1268ICC250	05/19/2025	18:09	PP072194.D	8.82	3.80
AR1268ICC050	AR1268ICC050	05/19/2025	18:25	PP072195.D	8.82	3.80
AR1660CCC500	AR1660CCC500	06/13/2025	09:44	PP072898.D	8.80	3.79
IBLK	IBLK	06/13/2025	11:06	PP072903.D	8.80	3.79
PB168459BL	PB168459BL	06/13/2025	11:22	PP072904.D	8.80	3.79
PB168459BS	PB168459BS	06/13/2025	11:39	PP072905.D	8.80	3.79
B-165-SB01	Q2303-01	06/13/2025	11:55	PP072906.D	8.80	3.79
B-170-SB03	Q2303-02	06/13/2025	12:11	PP072907.D	8.80	3.79
TR-04-06122025MS	Q2305-01MS	06/13/2025	13:16	PP072911.D	8.80	3.79
TR-04-06122025MSD	Q2305-01MSD	06/13/2025	13:33	PP072912.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/13/2025	14:48	PP072914.D	8.80	3.79

Analytical Sequence

IBLK	IBLK	06/13/2025	15:54	PP072918.D	8.80	3.79
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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168459BS

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: PB168459BS Date(s) Analyzed: 06/13/2025 06/13/2025

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

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

Data file PP072905.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.649	5.599	5.699	118	128	5.32
COLUMN 1	2	5.67	5.62	5.72	131		
	3	5.732	5.682	5.782	128		
	4	5.83	5.78	5.88	133		
	5	6.122	6.072	6.172	127		
	1	4.872	4.822	4.922	134		
COLUMN 2	2	4.89	4.84	4.94	138	135	
	3	5.066	5.016	5.116	136		
	4	5.108	5.058	5.158	136		
	5	5.322	5.272	5.372	132		
Aroclor-1260	1	7.239	7.189	7.289	135	126	17.39
COLUMN 1	2	7.493	7.443	7.543	133		
	3	7.85	7.8	7.9	115		
	4	8.074	8.024	8.124	125		
	5	8.392	8.342	8.442	124		
	1	6.353	6.303	6.403	153	150	
COLUMN 2	2	6.542	6.492	6.592	153		
	3	6.693	6.643	6.743	158		
	4	7.163	7.113	7.213	141		
	5	7.406	7.356	7.456	144		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

B-165-SB01

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: Q2303-01 Date(s) Analyzed: 06/13/2025 06/13/2025

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

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

Data file PP072906.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.494	6.444	6.544	194	195	6.93
COLUMN 1	2	6.711	6.661	6.761	208		
	3	7.073	7.023	7.123	182		
	4	7.355	7.305	7.405	199		
	5	7.769	7.719	7.819	192		
	1	5.674	5.624	5.724	234		
COLUMN 2	2	5.821	5.771	5.871	196	209	
	3	6.223	6.173	6.273	197		
	4	6.451	6.401	6.501	209		
	5	6.868	6.818	6.918	208		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TR-04-06122025MS

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: Q2305-01MS Date(s) Analyzed: 06/13/2025 06/13/2025

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

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

Data file PP072911.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.649	5.599	5.699	109	118	11.2
COLUMN 1	2	5.67	5.62	5.72	111		
	3	5.733	5.683	5.783	113		
	4	5.829	5.779	5.879	143		
	5	6.121	6.071	6.171	112		
	1	4.871	4.821	4.921	128		
COLUMN 2	2	4.889	4.839	4.939	134	132	
	3	5.065	5.015	5.115	132		
	4	5.107	5.057	5.157	134		
	5	5.321	5.271	5.371	131		
	Aroclor-1260	1	7.239	7.189	7.289		122
COLUMN 1	2	7.492	7.442	7.542	121		
	3	7.851	7.801	7.901	97.7		
	4	8.074	8.024	8.124	114		
	5	8.393	8.343	8.443	111		
	1	6.352	6.302	6.402	138	130	
COLUMN 2	2	6.541	6.491	6.591	129		
	3	6.692	6.642	6.742	140		
	4	7.163	7.113	7.213	121		
	5	7.405	7.355	7.455	123		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TR-04-06122025MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q2303 SAS No.: Q2303 SDG NO.: Q2303

Lab Sample ID: Q2305-01MSD Date(s) Analyzed: 06/13/2025 06/13/2025

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

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

Data file PP072912.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.648	5.598	5.698	107	123	7.81
COLUMN 1	2	5.67	5.62	5.72	114		
	3	5.731	5.681	5.781	113		
	4	5.829	5.779	5.879	142		
	5	6.12	6.07	6.17	139		
	1	4.871	4.821	4.921	135		
COLUMN 2	2	4.889	4.839	4.939	136	133	
	3	5.065	5.015	5.115	133		
	4	5.107	5.057	5.157	135		
	5	5.321	5.271	5.371	129		
	Aroclor-1260	1	7.238	7.188	7.288		116
COLUMN 1	2	7.492	7.442	7.542	111		
	3	7.849	7.799	7.899	91.5		
	4	8.072	8.022	8.122	98.6		
	5	8.392	8.342	8.442	104		
	1	6.353	6.303	6.403	135	125	
COLUMN 2	2	6.542	6.492	6.592	125		
	3	6.693	6.643	6.743	133		
	4	7.163	7.113	7.213	114		
	5	7.405	7.355	7.455	116		



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
 Data File : PP072906.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 11:55
 Operator : YP\AJ
 Sample : Q2303-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 B-165-SB01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 12:51:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.494	3.791	38980456	34064797	19.386	21.312
2) SA Decachlor...	10.187	8.802	31047979	25375286	19.058m	23.971m#
Target Compounds						
26) L6 AR-1254-1	6.494	5.674	41941782	58709320	487.677m	587.362
27) L6 AR-1254-2	6.711	5.821	68357929	42603847	523.105	493.632
28) L6 AR-1254-3	7.073	6.223	60379228	63772747	457.408	495.820
29) L6 AR-1254-4	7.355	6.451	65433479	44890144	501.365	526.284
30) L6 AR-1254-5	7.769	6.868	53680353	59269719	482.535m	522.884

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:55
Operator : YP\AJ
Sample : Q2303-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

B-165-SB01

Manual Integrations

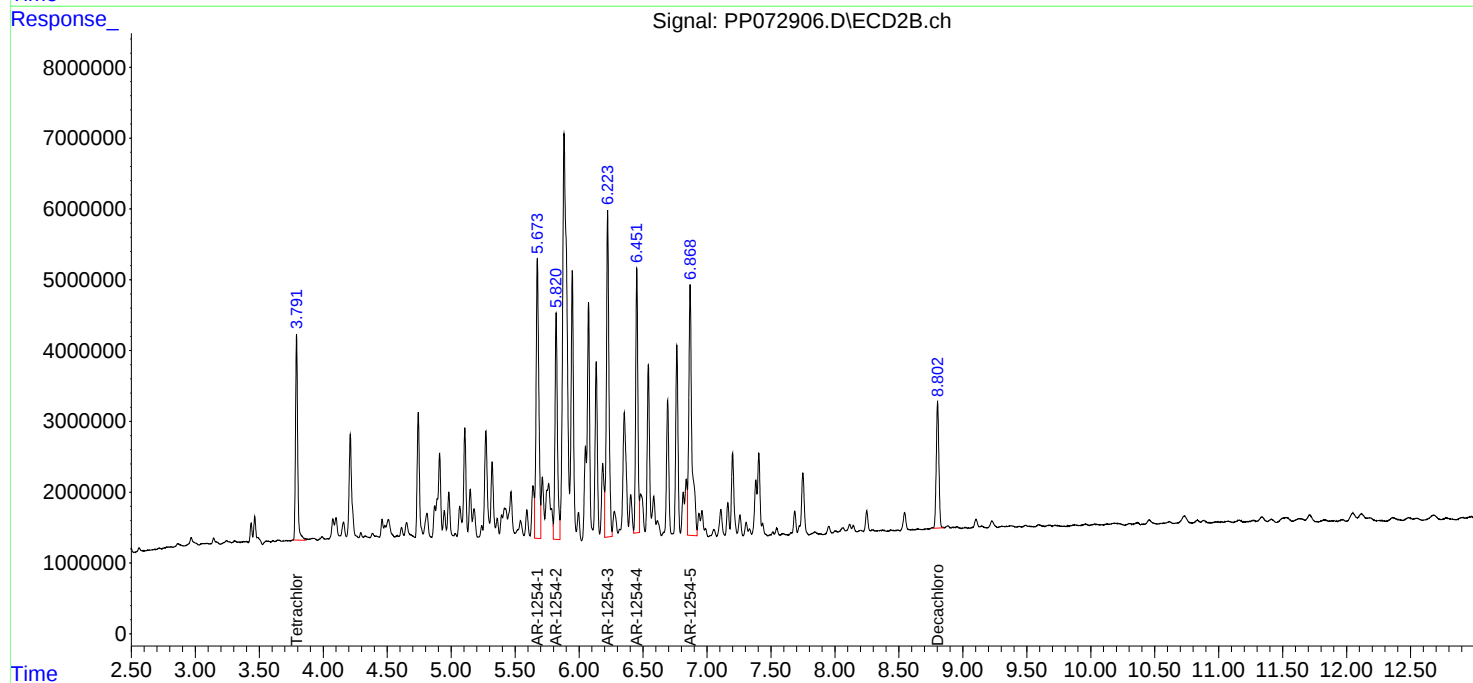
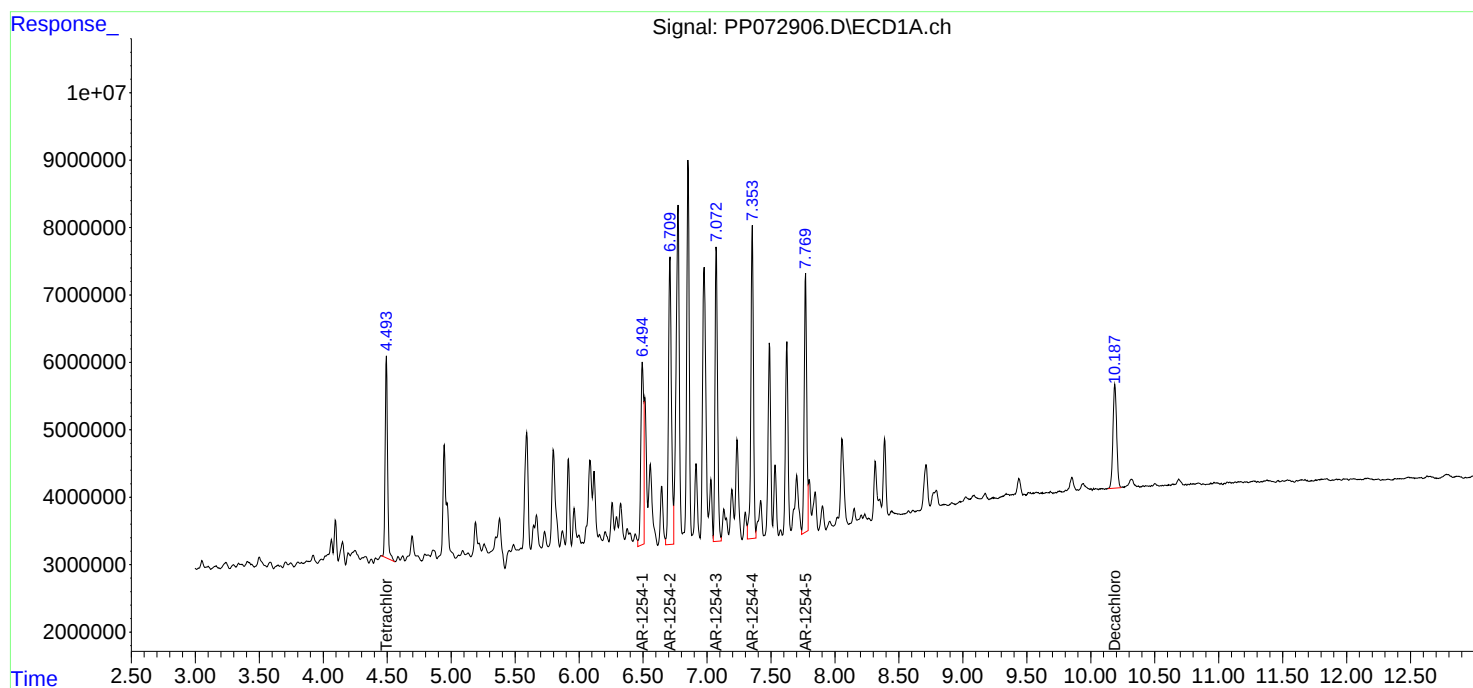
APPROVED

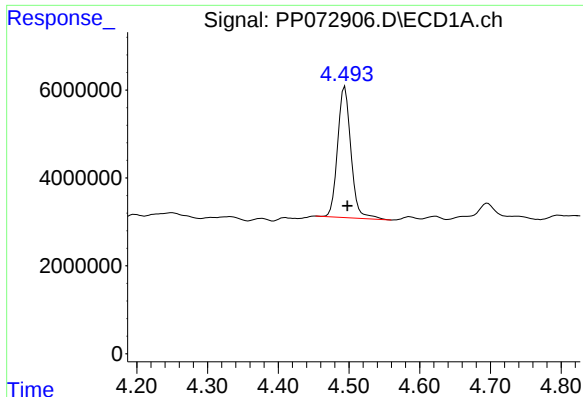
Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:51:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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





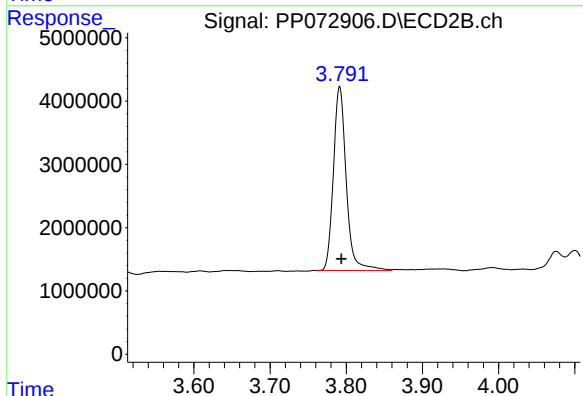
#1 Tetrachloro-m-xylene

R.T.: 4.494 min
Delta R.T.: -0.004 min
Response: 38980456
Conc: 19.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

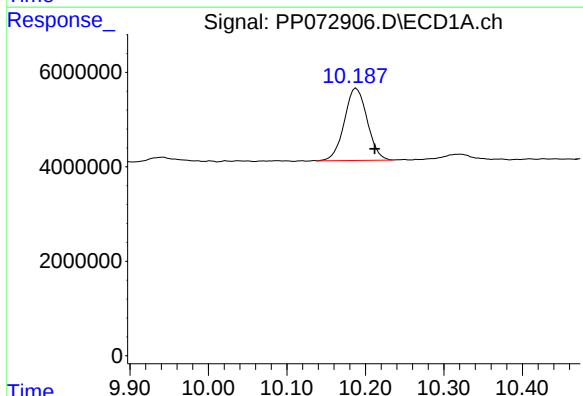
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



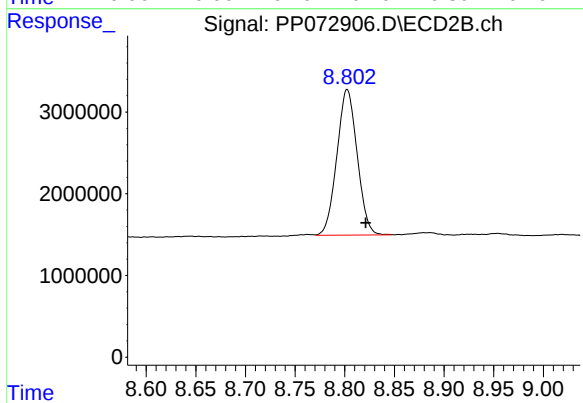
#1 Tetrachloro-m-xylene

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 34064797
Conc: 21.31 ng/ml



#2 Decachlorobiphenyl

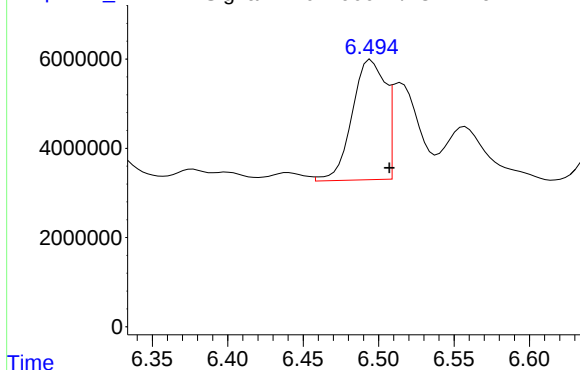
R.T.: 10.187 min
Delta R.T.: -0.025 min
Response: 31047979
Conc: 19.06 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.802 min
Delta R.T.: -0.019 min
Response: 25375286
Conc: 23.97 ng/ml m

Response_ Signal: PP072906.D\ECD1A.ch



#26 AR-1254-1

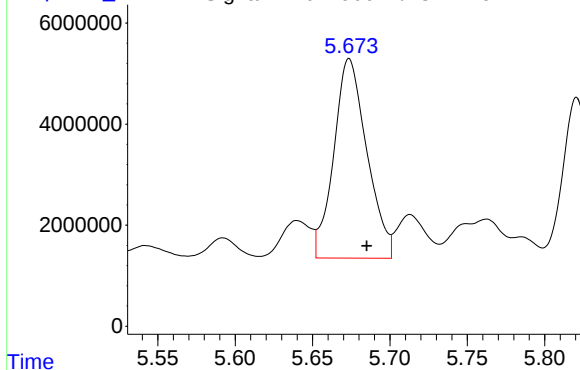
R.T.: 6.494 min
Delta R.T.: -0.014 min
Response: 41941782
Conc: 487.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

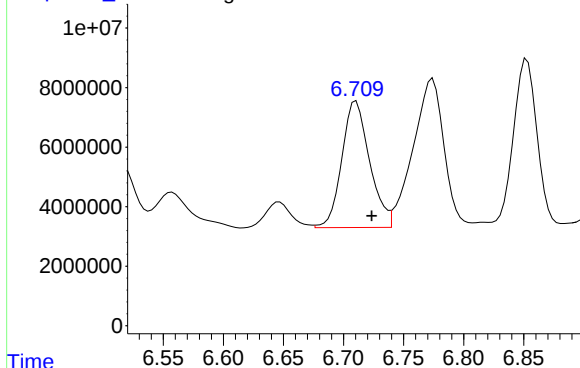
Response_ Signal: PP072906.D\ECD2B.ch



#26 AR-1254-1

R.T.: 5.674 min
Delta R.T.: -0.011 min
Response: 58709320
Conc: 587.36 ng/ml

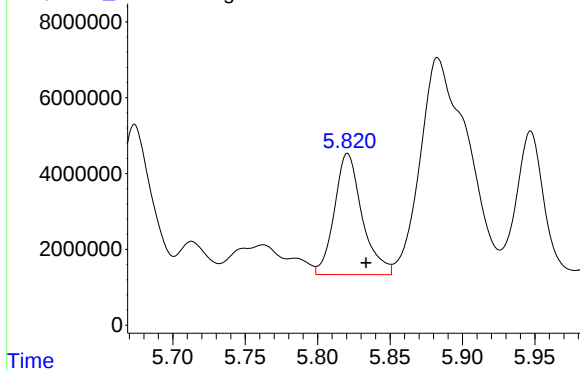
Response_ Signal: PP072906.D\ECD1A.ch



#27 AR-1254-2

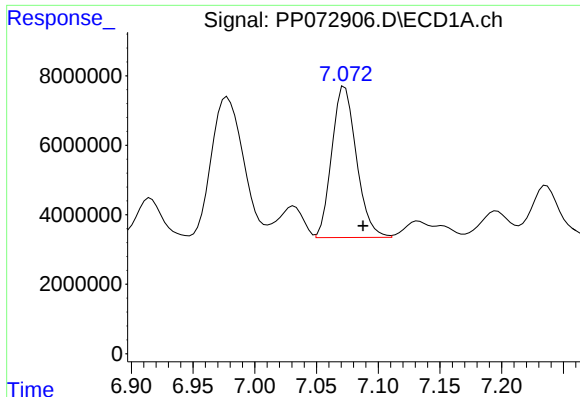
R.T.: 6.711 min
Delta R.T.: -0.013 min
Response: 68357929
Conc: 523.10 ng/ml

Response_ Signal: PP072906.D\ECD2B.ch



#27 AR-1254-2

R.T.: 5.821 min
Delta R.T.: -0.013 min
Response: 42603847
Conc: 493.63 ng/ml



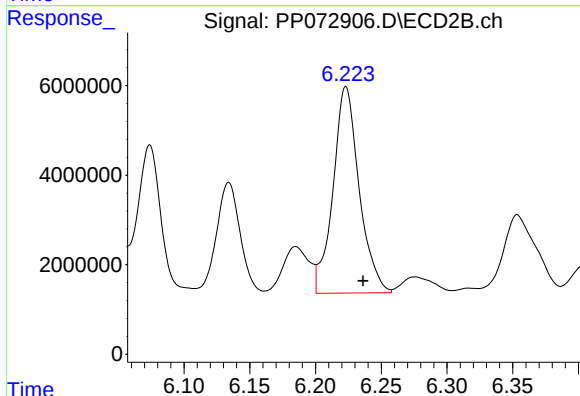
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: -0.015 min
Response: 60379228
Conc: 457.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

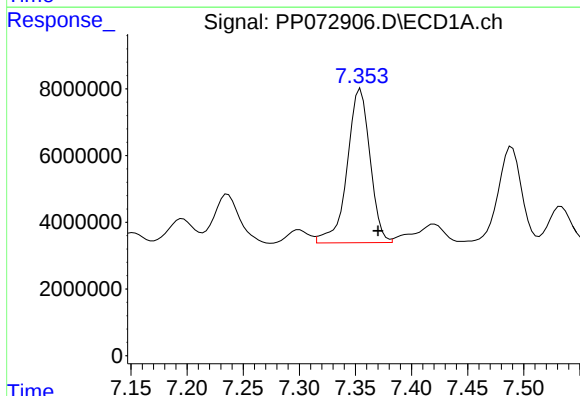
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



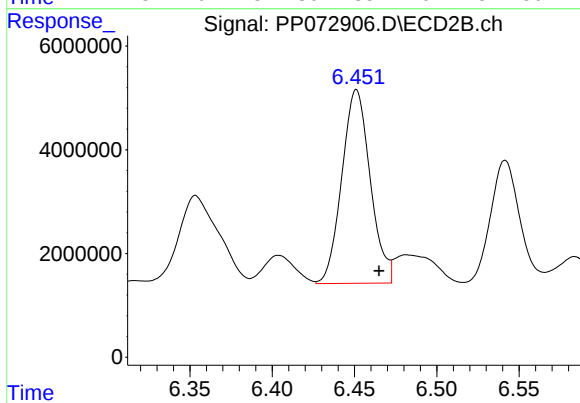
#28 AR-1254-3

R.T.: 6.223 min
Delta R.T.: -0.013 min
Response: 63772747
Conc: 495.82 ng/ml



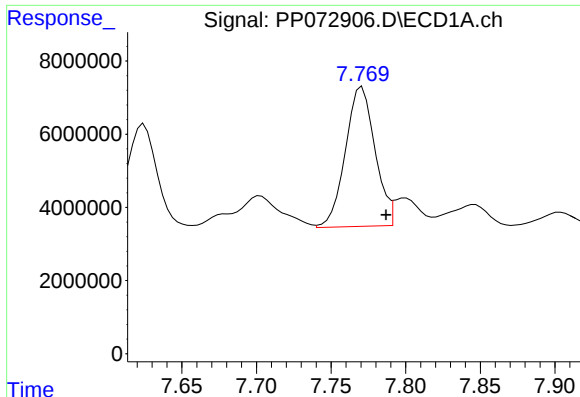
#29 AR-1254-4

R.T.: 7.355 min
Delta R.T.: -0.015 min
Response: 65433479
Conc: 501.36 ng/ml



#29 AR-1254-4

R.T.: 6.451 min
Delta R.T.: -0.014 min
Response: 44890144
Conc: 526.28 ng/ml



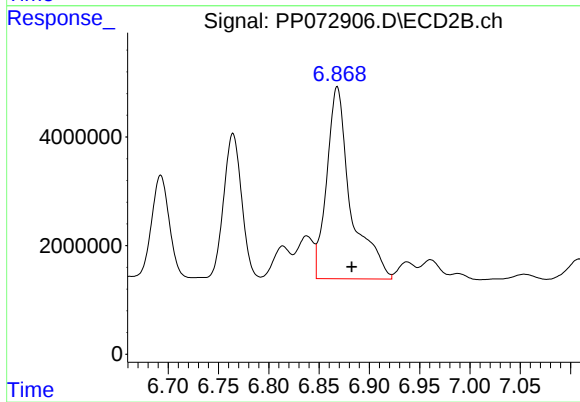
#30 AR-1254-5

R.T.: 7.769 min
Delta R.T.: -0.017 min
Response: 53680353
Conc: 482.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-165-SB01

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



#30 AR-1254-5

R.T.: 6.868 min
Delta R.T.: -0.014 min
Response: 59269719
Conc: 522.88 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
 Data File : PP072907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 12:11
 Operator : YP\AJ
 Sample : Q2303-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 B-170-SB03

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 12:51:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.495	3.790	37260199	36113405	18.530m	22.594
2) SA Decachlor...	10.190	8.801	29569398	22856546	18.150m	21.591m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 12:11
Operator : YP\AJ
Sample : Q2303-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

B-170-SB03

Manual Integrations

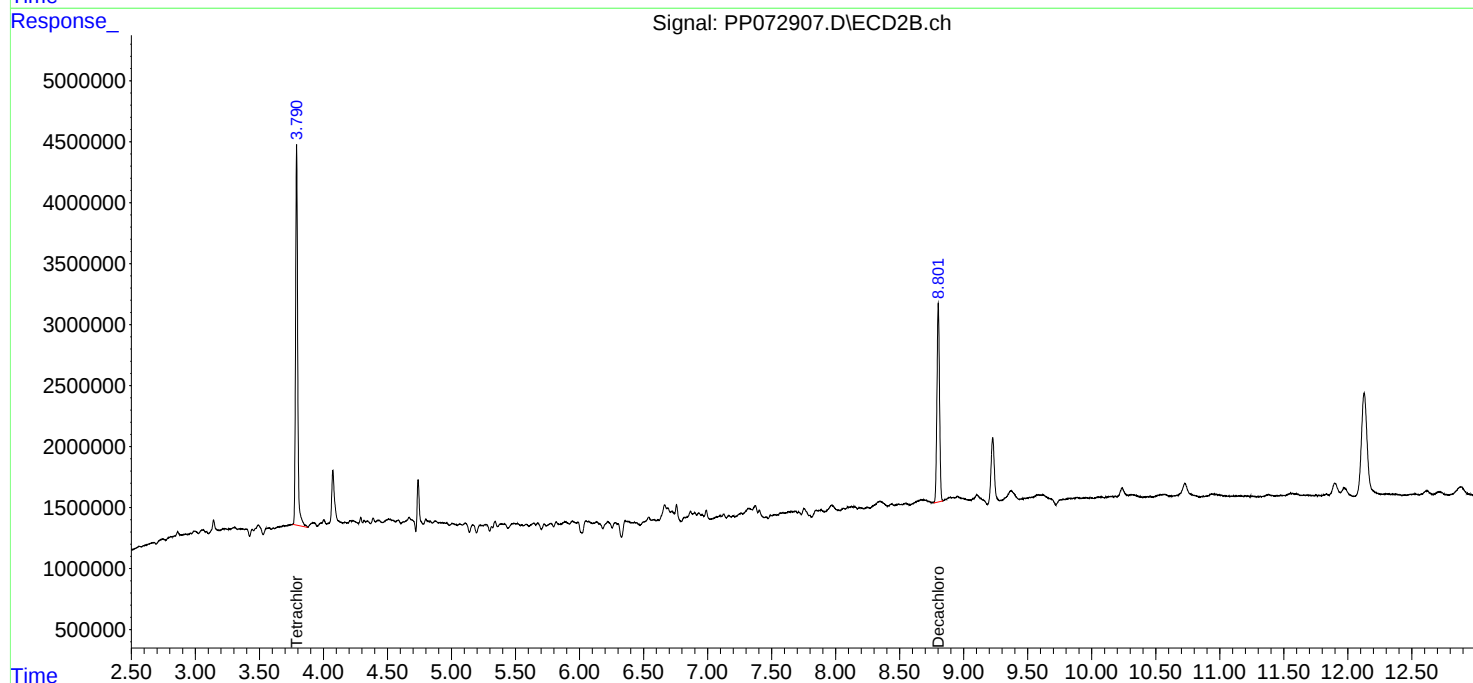
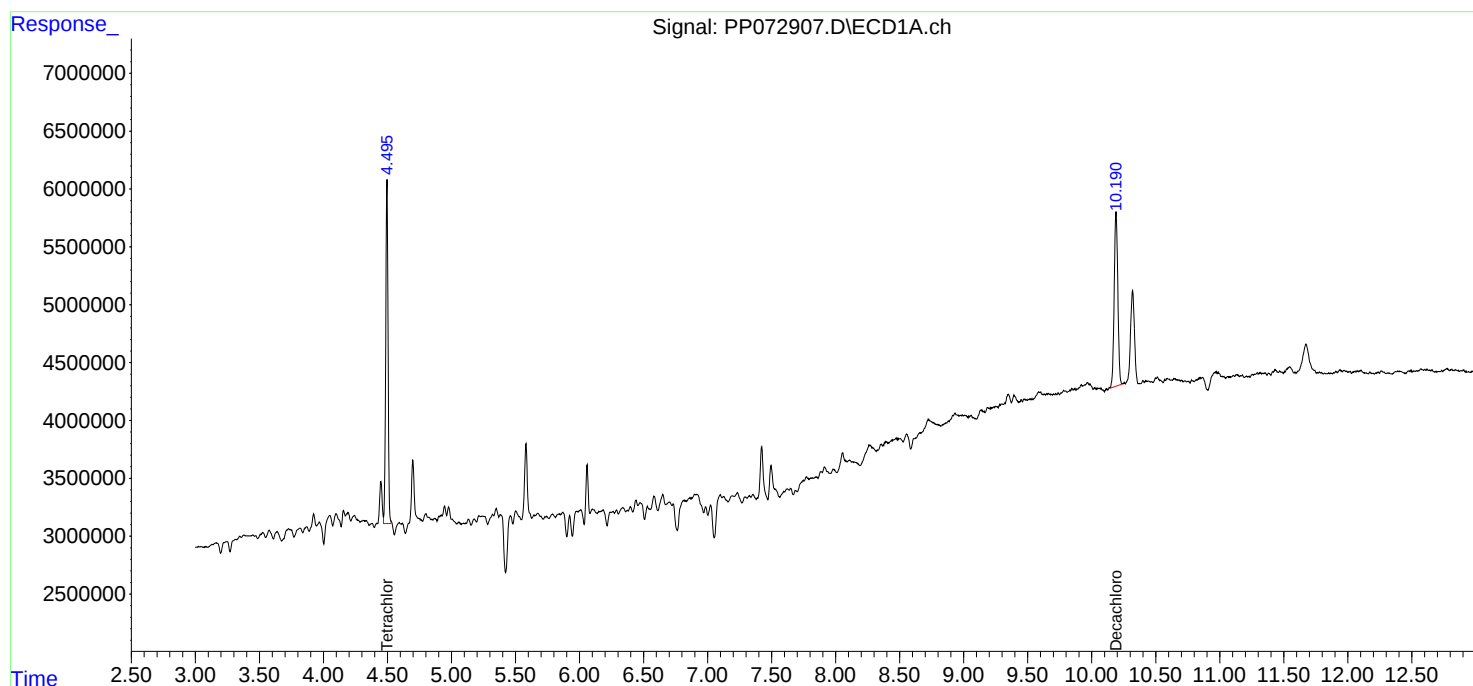
APPROVED

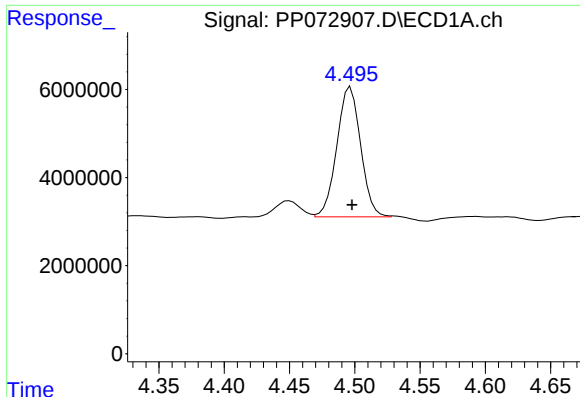
Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:51:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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





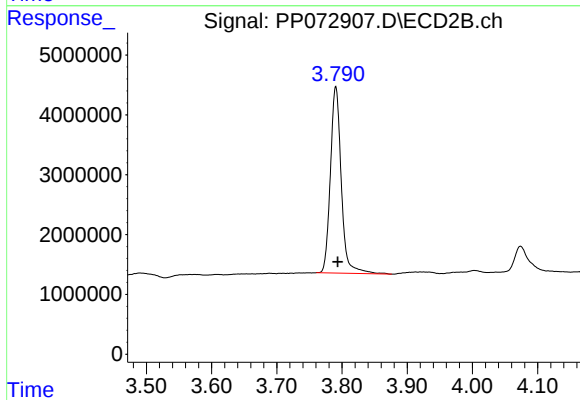
#1 Tetrachloro-m-xylene

R.T.: 4.495 min
Delta R.T.: -0.003 min
Response: 37260199
Conc: 18.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
B-170-SB03

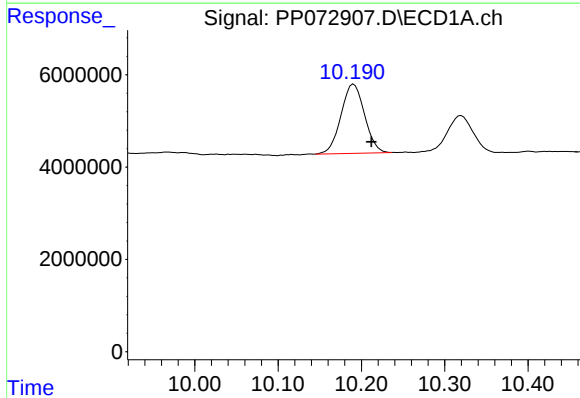
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



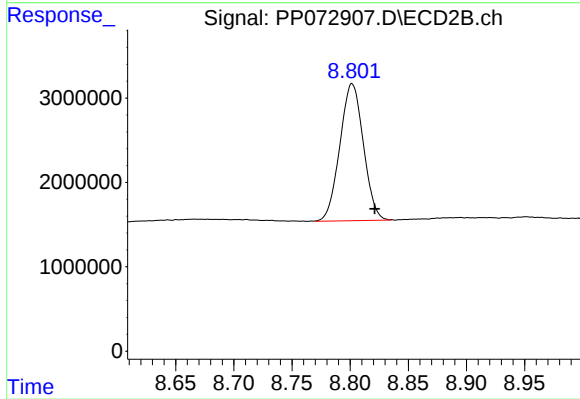
#1 Tetrachloro-m-xylene

R.T.: 3.790 min
Delta R.T.: -0.003 min
Response: 36113405
Conc: 22.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.190 min
Delta R.T.: -0.023 min
Response: 29569398
Conc: 18.15 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.801 min
Delta R.T.: -0.020 min
Response: 22856546
Conc: 21.59 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
 Data File : PP072904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 11:22
 Operator : YP\AJ
 Sample : PB168459BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168459BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 12:08:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.497	3.792	40020638	33746247	19.903	21.113
2) SA Decachlor...	10.190	8.802	33785867	26885290	20.739m	25.397m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:22
Operator : YP\AJ
Sample : PB168459BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB168459BL

Manual Integrations

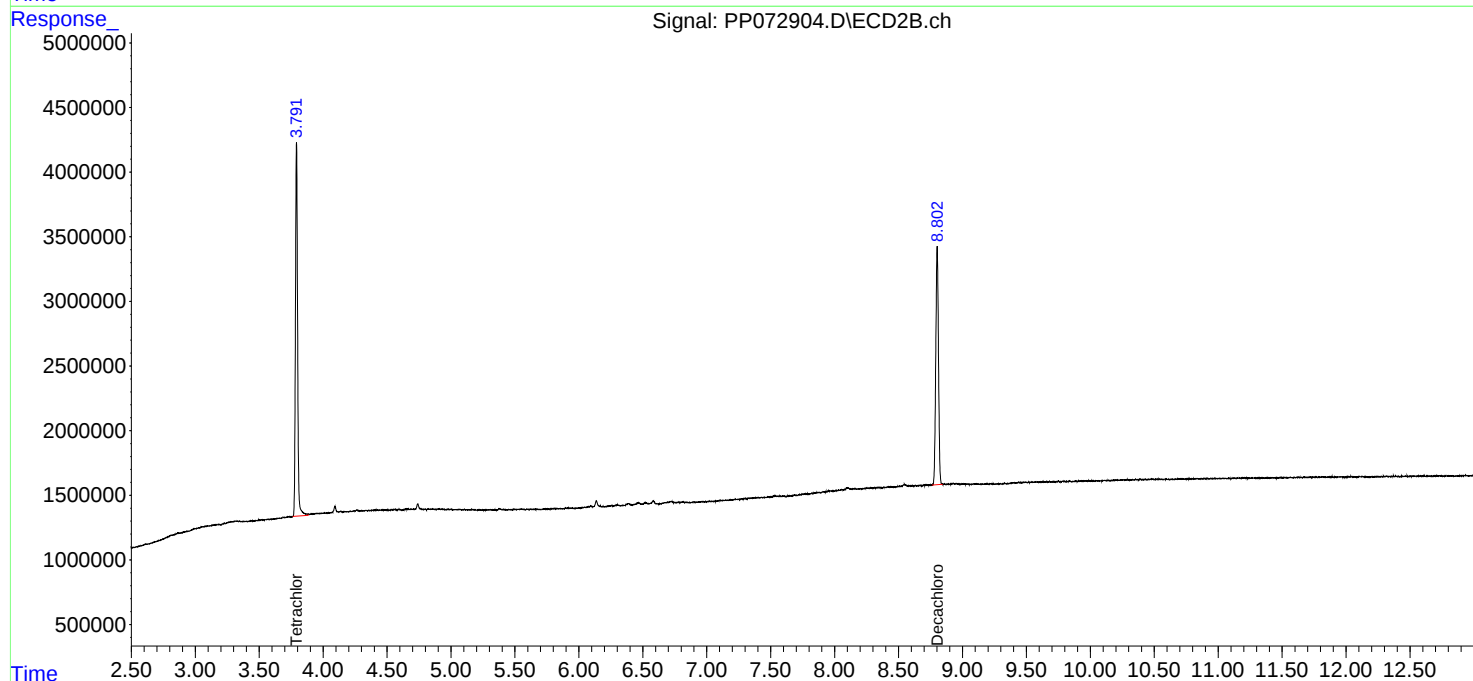
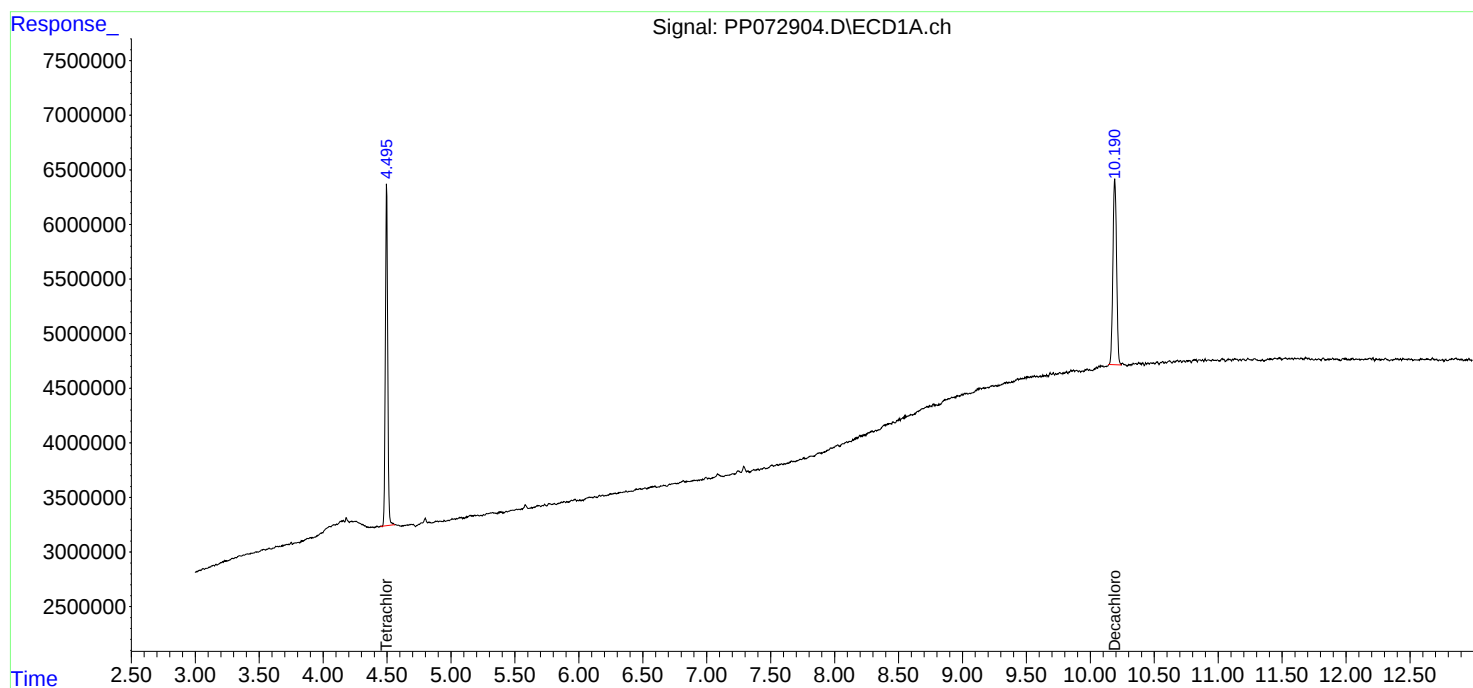
APPROVED

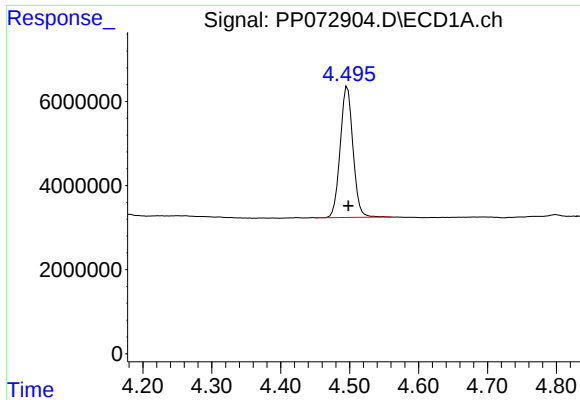
Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:08:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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





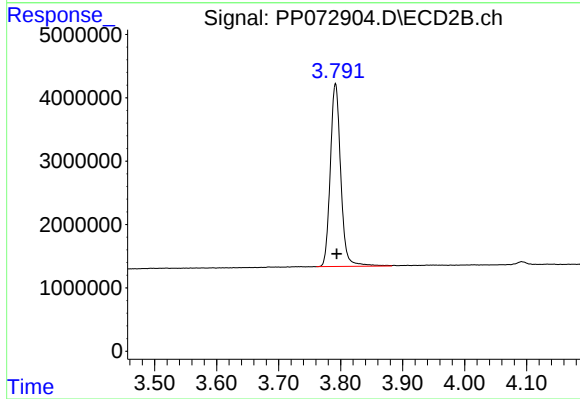
#1 Tetrachloro-m-xylene

R.T.: 4.497 min
Delta R.T.: -0.001 min
Response: 40020638
Conc: 19.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168459BL

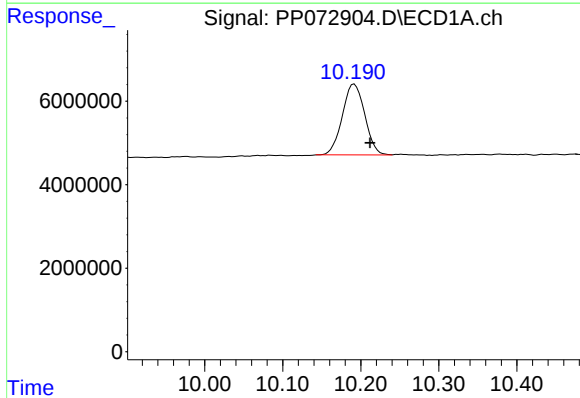
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025



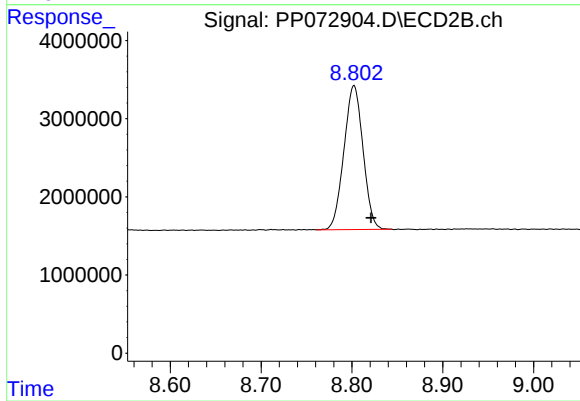
#1 Tetrachloro-m-xylene

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 33746247
Conc: 21.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.190 min
Delta R.T.: -0.022 min
Response: 33785867
Conc: 20.74 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.802 min
Delta R.T.: -0.019 min
Response: 26885290
Conc: 25.40 ng/ml m

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
 Data File : PP072905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 11:39
 Operator : YP\AJ
 Sample : PB168459BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168459BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 12:09:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.498	3.792	40169134	31903952	19.977	19.960
2) SA Decachlor...	10.190	8.802	35021247	26754384	21.497m	25.273m
Target Compounds						
3) L1 AR-1016-1	5.649	4.872	26680767	24789041	355.347	403.536
4) L1 AR-1016-2	5.670	4.890	41958741	36314017	392.168	413.649
5) L1 AR-1016-3	5.732	5.066	25171664	19413373	383.920	407.378
6) L1 AR-1016-4	5.830	5.108	21345981	15484270	400.713	406.995
7) L1 AR-1016-5	6.122	5.322	18695921	19722797	382.258	395.846
31) L7 AR-1260-1	7.239	6.353	37913213	36618592	405.078	459.146
32) L7 AR-1260-2	7.493	6.542	57299372	46492286	399.327	458.404
33) L7 AR-1260-3	7.850	6.693	39291721	41259896	345.055	474.785m#
34) L7 AR-1260-4	8.074	7.163	40158502	30609464	374.255	424.595
35) L7 AR-1260-5	8.392	7.406	88448947	74931980	373.735	431.576

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 11:39
Operator : YP\AJ
Sample : PB168459BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB168459BS

Manual Integrations

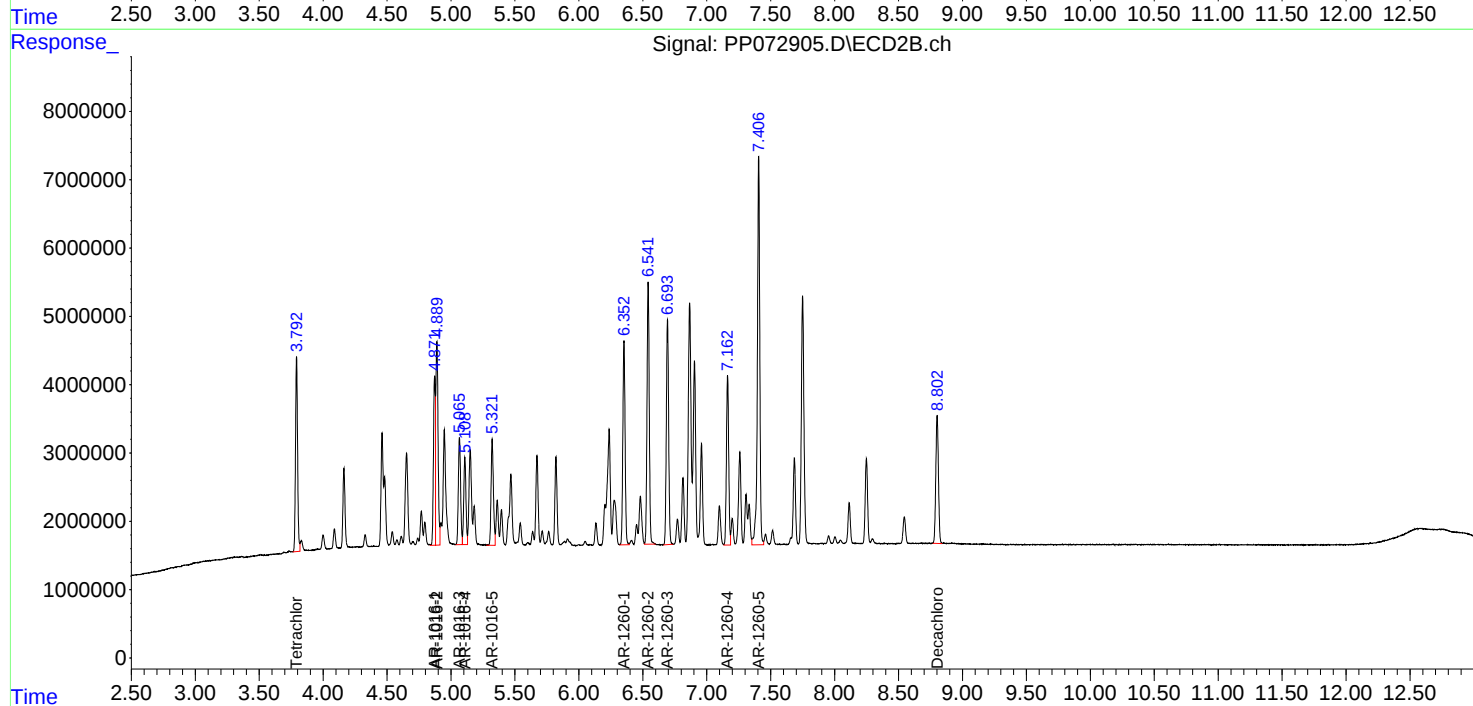
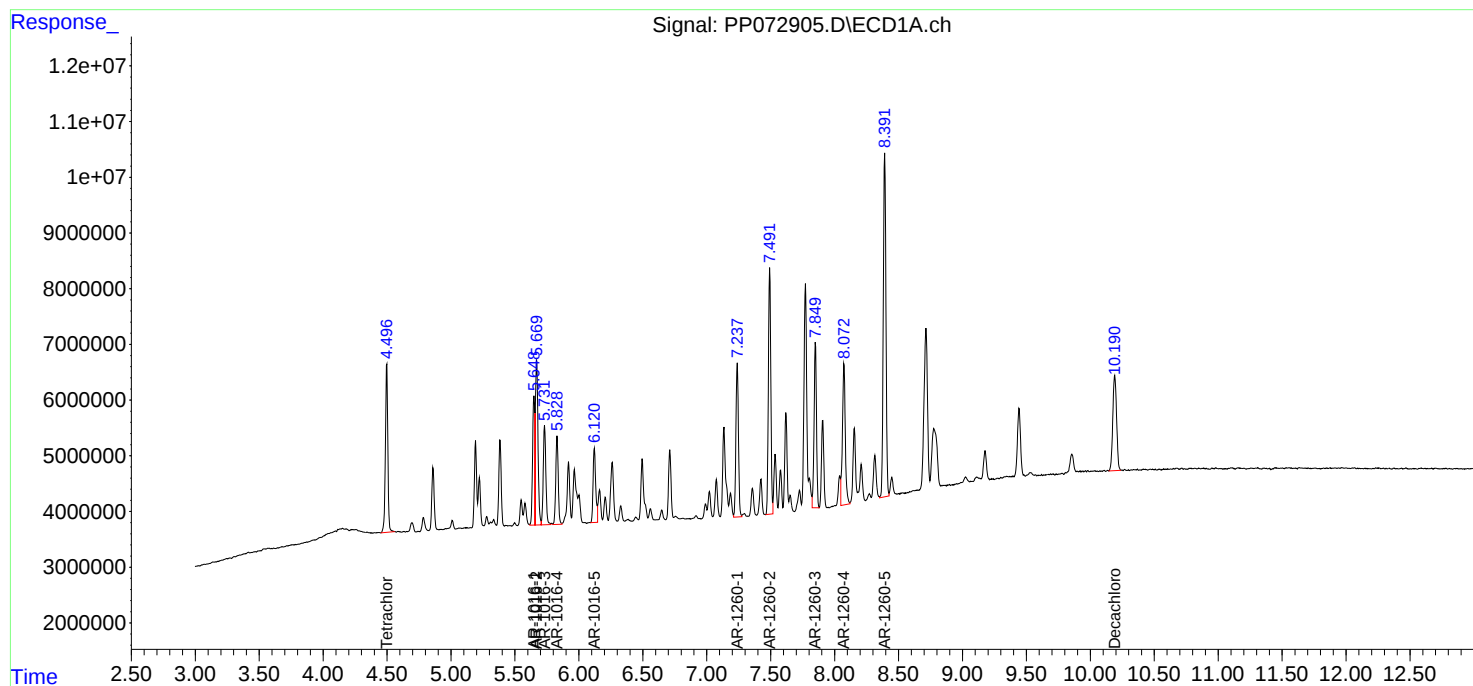
APPROVED

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 12:09:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
 Data File : PP072911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 13:16
 Operator : YP\AJ
 Sample : Q2305-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TR-04-06122025MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 15:08:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.496	3.791	33234834	31260874	16.528m	19.558
2) SA Decachlor...	10.192	8.803	30916738	25429954	18.978m	24.022m#
Target Compounds						
3) L1 AR-1016-1	5.649	4.871	24121167	23232465	321.257	378.197
4) L1 AR-1016-2	5.670	4.889	35134623	34759090	328.387	395.937
5) L1 AR-1016-3	5.733	5.065	21864376	18552285	333.477	389.308
6) L1 AR-1016-4	5.829	5.107	22423834	14978581	420.947	393.704
7) L1 AR-1016-5	6.121	5.321	16211630	19173658	331.464m	384.824
31) L7 AR-1260-1	7.239	6.352	33593566	32486654	358.926	407.337
32) L7 AR-1260-2	7.492	6.541	51253106	38595759	357.190	380.546
33) L7 AR-1260-3	7.851	6.692	32803804	35825236	288.079	412.247m#
34) L7 AR-1260-4	8.074	7.163	36057354	25712760	336.034	356.671
35) L7 AR-1260-5	8.393	7.405	77142773	62873730	325.962	362.126

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 13:16
Operator : YP\AJ
Sample : Q2305-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

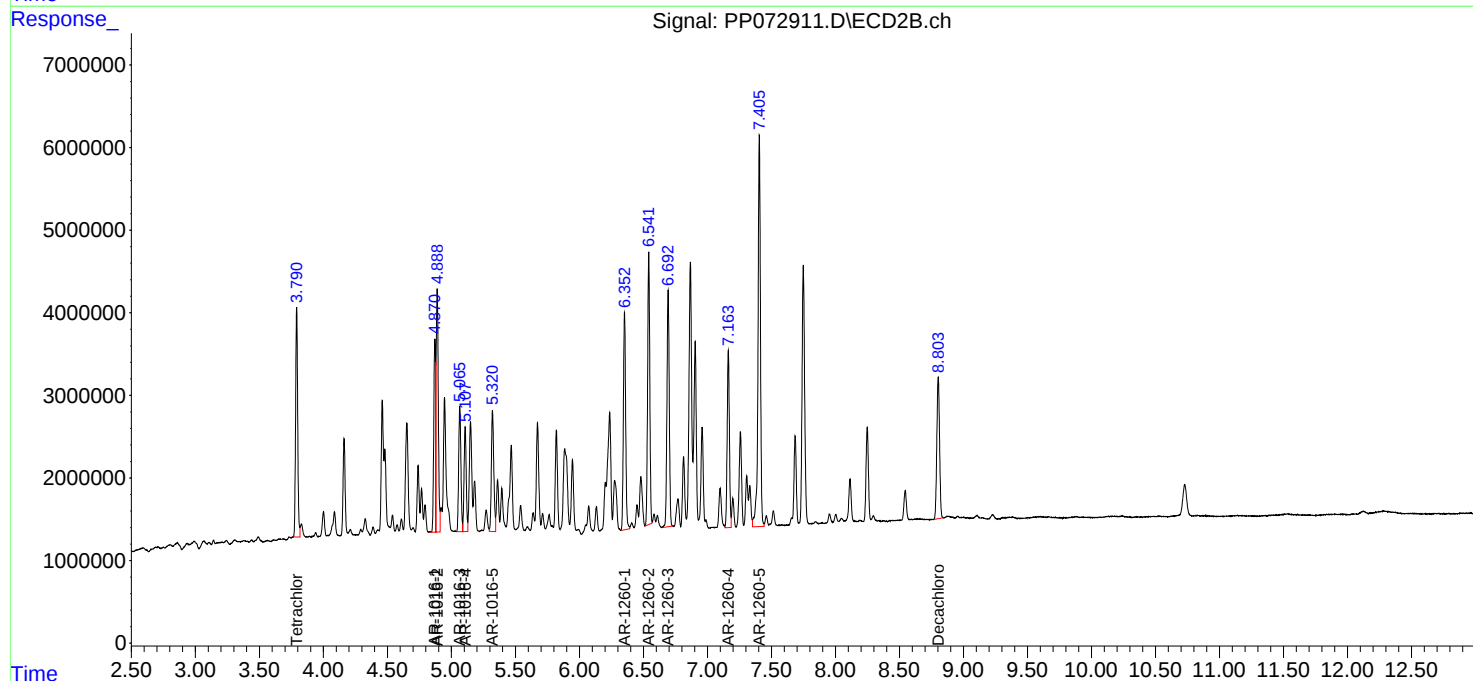
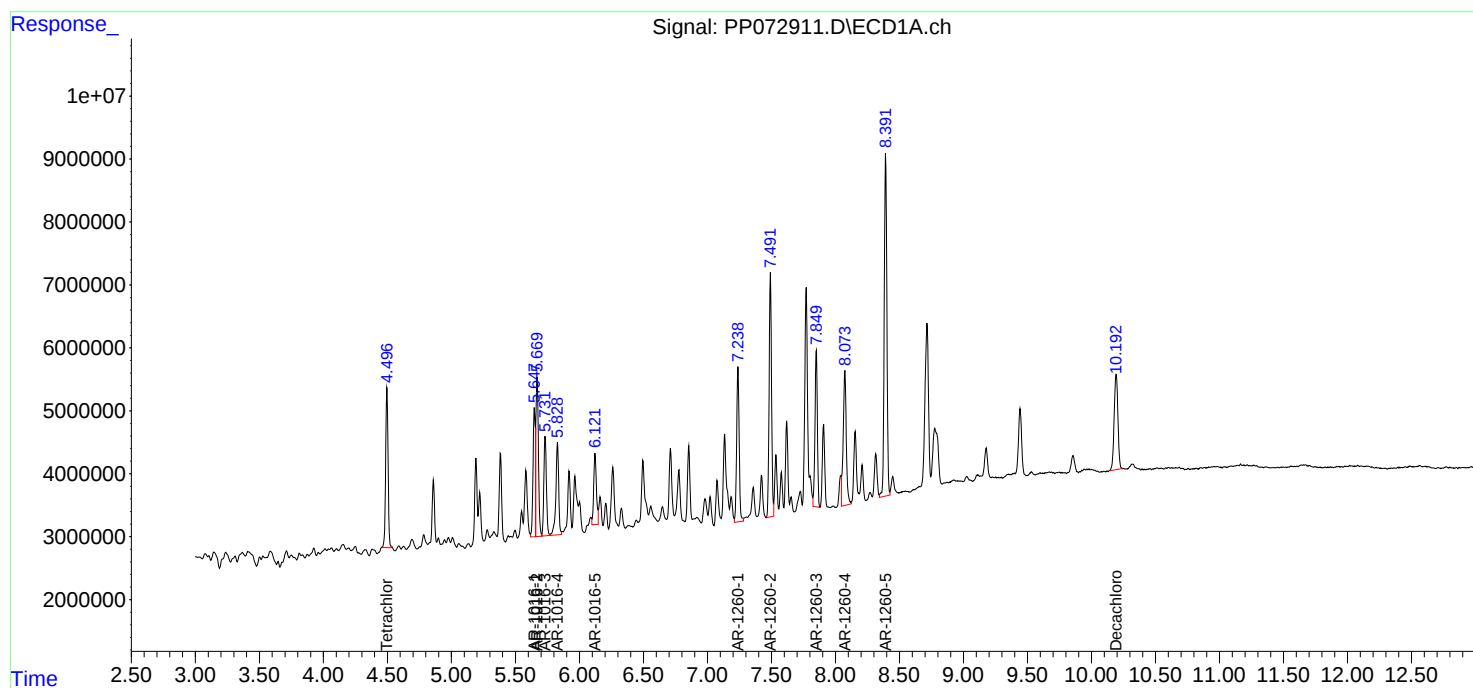
Instrument :
ECD_P
ClientSampleId :
TR-04-06122025MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/16/2025
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 15:08:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
 Data File : PP072912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2025 13:33
 Operator : YP\AJ
 Sample : Q2305-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TR-04-06122025MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2025
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 15:09:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 24 03:32:20 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.496	3.791	38571068	33642517	19.182	21.048
2) SA Decachlor...	10.192	8.803	28726646	23458074	17.633m	22.159m#
Target Compounds						
3) L1 AR-1016-1	5.648	4.871	23727991	24449219	316.021	398.004 #
4) L1 AR-1016-2	5.670	4.889	36059409	35231377	337.030	401.317
5) L1 AR-1016-3	5.731	5.065	21910989	18712170	334.188	392.663
6) L1 AR-1016-4	5.829	5.107	22267482	15146081	418.012	398.106
7) L1 AR-1016-5	6.120	5.321	20113007	18927275	411.232m	379.879
31) L7 AR-1260-1	7.238	6.353	31951789	31831883	341.384	399.127
32) L7 AR-1260-2	7.492	6.542	47146577	37437875	328.571	369.129
33) L7 AR-1260-3	7.849	6.693	30755476	34196276	270.091	393.502m#
34) L7 AR-1260-4	8.072	7.163	31218931	24357595	290.943m	337.873
35) L7 AR-1260-5	8.392	7.405	72968053	59684207	308.322	343.756

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061325\
Data File : PP072912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2025 13:33
Operator : YP\AJ
Sample : Q2305-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

TR-04-06122025MSD

Manual Integrations

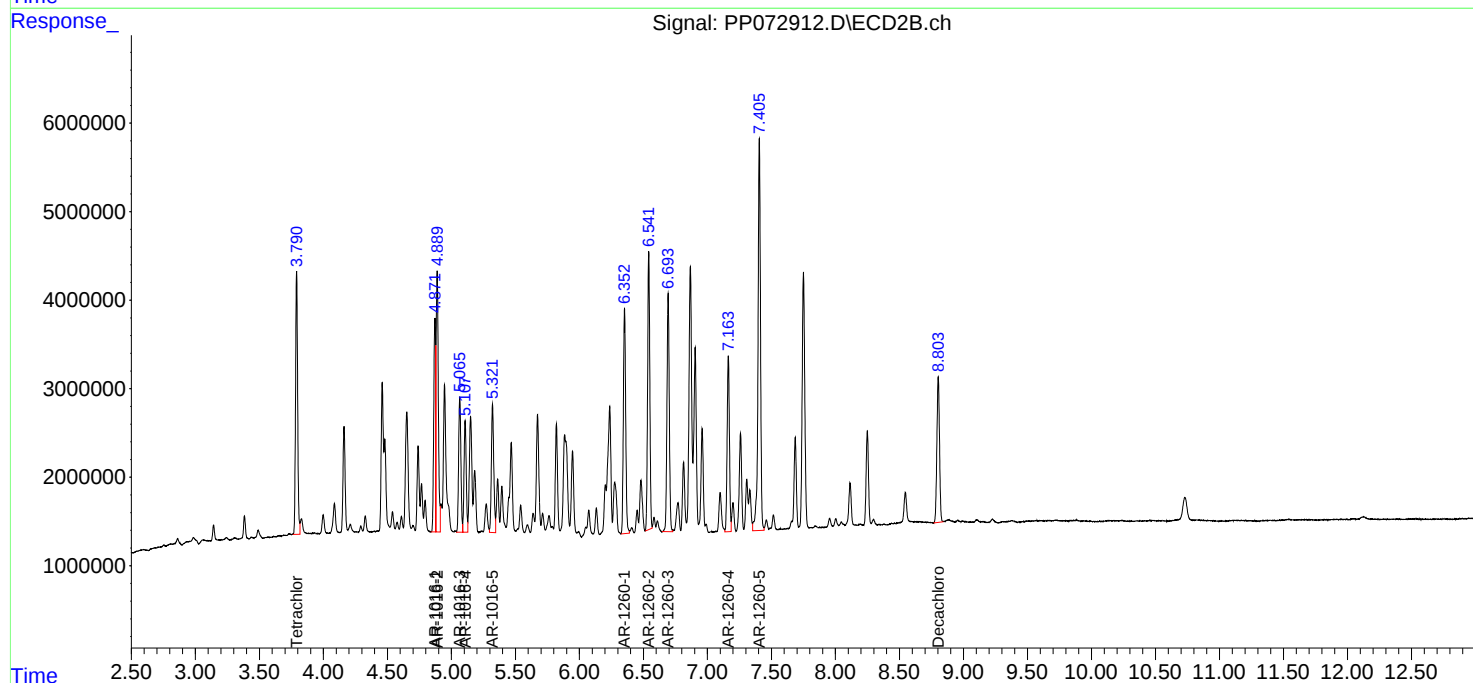
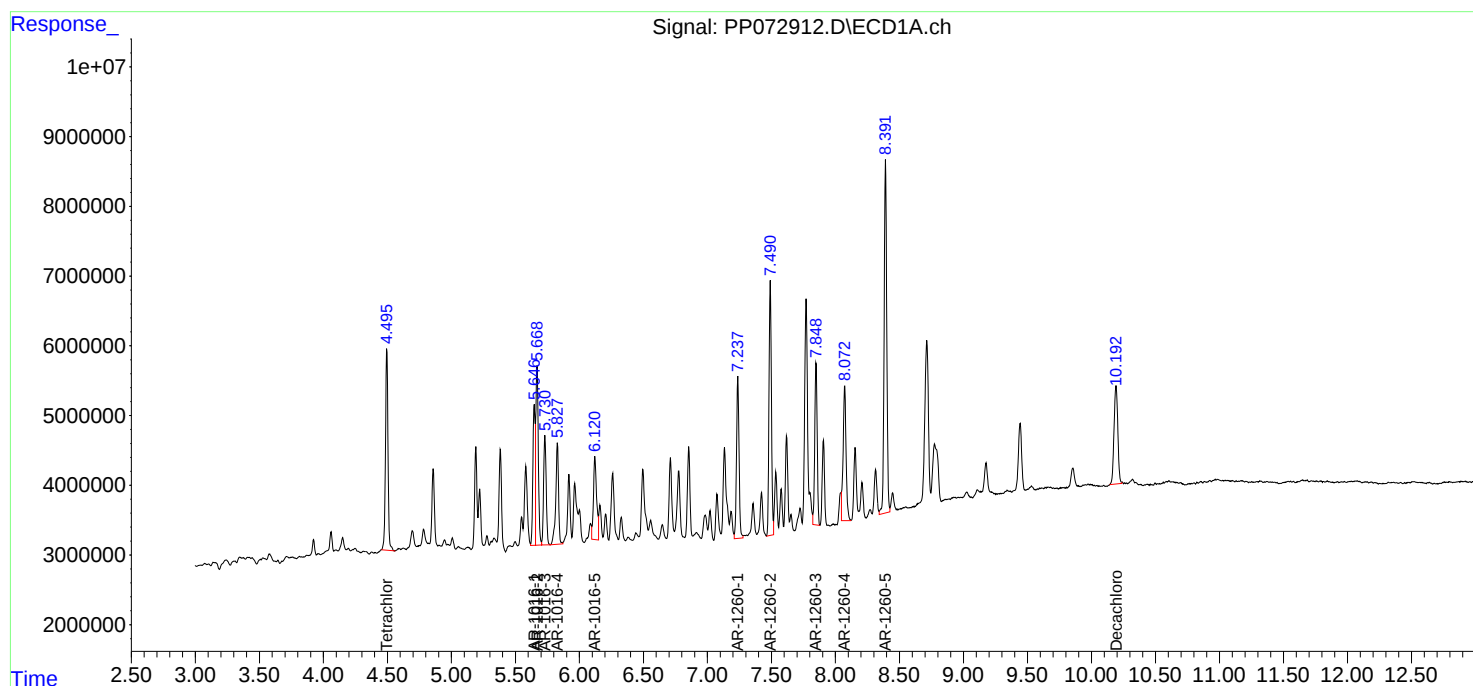
APPROVED

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 15:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP051925.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat May 24 03:32:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PP051925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP072168.D	AR-1016-1	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-2	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-3	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1660ICC050	PP072168.D	AR-1016-4	yogesh	5/20/2025 7:28:08 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1232ICC050	PP072174.D	AR-1232-3	yogesh	5/21/2025 8:50:30 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1232ICC050	PP072174.D	AR-1232-4	yogesh	5/21/2025 8:50:30 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-1	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-2	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-3	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-4	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-5	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1242ICC050	PP072179.D	AR-1242-5 #2	yogesh	5/20/2025 7:28:10 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1248ICC050	PP072184.D	AR-1248-1	yogesh	5/20/2025 7:28:12 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software

Manual Integration Report

Sequence:	PP051925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248ICC050	PP072184.D	AR-1248-4 #2	yogesh	5/20/2025 7:28:12 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-1	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-4	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	AR-1254-4 #2	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	Tetrachloro-m-xylene	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1254ICC050	PP072189.D	Tetrachloro-m-xylene #2	yogesh	5/20/2025 7:28:14 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1268ICC050	PP072195.D	AR-1268-1	yogesh	5/20/2025 7:28:15 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software
AR1268ICC050	PP072195.D	Tetrachloro-m-xylene	yogesh	5/20/2025 7:28:15 AM	mohammad	5/22/2025 6:37:35	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP072898.D	AR-1260-3 #2	yogesh	6/16/2025 8:15:52 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072898.D	Decachlorobiphenyl	yogesh	6/16/2025 8:15:52 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072898.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:15:52 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072899.D	Decachlorobiphenyl	yogesh	6/16/2025 8:15:53 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072899.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:15:53 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072900.D	Decachlorobiphenyl	yogesh	6/16/2025 8:15:56 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072900.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:15:56 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072901.D	Decachlorobiphenyl	yogesh	6/16/2025 8:15:58 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072901.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:15:58 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1268CCC500	PP072902.D	AR-1268-4	yogesh	6/16/2025 8:16:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1268CCC500	PP072902.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1268CCC500	PP072902.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072903.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:02 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP072903.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:02 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BL	PP072904.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BL	PP072904.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BS	PP072905.D	AR-1260-3 #2	yogesh	6/16/2025 8:16:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BS	PP072905.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
PB168459BS	PP072905.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-01	PP072906.D	AR-1254-5	yogesh	6/16/2025 8:16:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-01	PP072906.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-01	PP072906.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-02	PP072907.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-02	PP072907.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2303-02	PP072907.D	Tetrachloro-m-xylene	yogesh	6/16/2025 8:16:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MS	PP072911.D	AR-1016-5	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2305-01MS	PP072911.D	AR-1260-3 #2	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MS	PP072911.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MS	PP072911.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MS	PP072911.D	Tetrachloro-m-xylene	yogesh	6/16/2025 8:16:16 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	AR-1016-5	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	AR-1260-3 #2	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	AR-1260-4	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
Q2305-01MSD	PP072912.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072914.D	AR-1260-3 #2	yogesh	6/16/2025 8:16:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072914.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072914.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072915.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP072915.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072916.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:25 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072916.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:25 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072917.D	AR-1254-5	yogesh	6/16/2025 8:16:26 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072917.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:26 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072917.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:26 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072918.D	Decachlorobiphenyl	yogesh	6/16/2025 8:16:28 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072918.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:16:28 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072928.D	AR-1260-3 #2	yogesh	6/16/2025 8:17:34 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072928.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:34 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072928.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:34 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072929.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:36 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072929.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:36 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP072930.D	AR-1248-1	yogesh	6/16/2025 8:17:38 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072930.D	AR-1248-1 #2	yogesh	6/16/2025 8:17:38 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072930.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:38 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072930.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:38 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072931.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:40 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072931.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:40 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072932.D	Decachlorobiphenyl	yogesh	6/16/2025 8:17:42 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072932.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:17:42 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072943.D	AR-1260-3 #2	yogesh	6/16/2025 8:18:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072943.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072943.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:00 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072944.D	AR-1242-1 #2	yogesh	6/16/2025 8:18:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072944.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP072944.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:03 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072945.D	AR-1248-1 #2	yogesh	6/16/2025 8:18:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072945.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072945.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:05 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072946.D	AR-1254-1	yogesh	6/16/2025 8:18:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072946.D	AR-1254-5	yogesh	6/16/2025 8:18:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072946.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072946.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:07 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072947.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072947.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:08 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072952.D	AR-1016-5 #2	yogesh	6/16/2025 8:18:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072952.D	AR-1260-3 #2	yogesh	6/16/2025 8:18:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1660CCC500	PP072952.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

Manual Integration Report

Sequence:	PP061325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP072952.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:17 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072953.D	AR-1242-1 #2	yogesh	6/16/2025 8:18:19 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072953.D	AR-1242-5 #2	yogesh	6/16/2025 8:18:19 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072953.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:19 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1242CCC500	PP072953.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:19 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	AR-1248-1	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	AR-1248-1 #2	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	AR-1248-4 #2	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1248CCC500	PP072954.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:21 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072955.D	AR-1254-4 #2	yogesh	6/16/2025 8:18:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072955.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
AR1254CCC500	PP072955.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:23 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

Manual Integration Report

Sequence:

PP061325

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP072956.D	Decachlorobiphenyl	yogesh	6/16/2025 8:18:25 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software
I.BLK	PP072956.D	Decachlorobiphenyl #2	yogesh	6/16/2025 8:18:25 AM	mohammad	6/17/2025 3:41:07	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344, PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359, PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072162.D	19 May 2025 09:09	YP\AJ	Ok
2	I.BLK	PP072163.D	19 May 2025 09:26	YP\AJ	Ok
3	AR1660ICC1000	PP072164.D	19 May 2025 09:42	YP\AJ	Ok
4	AR1660ICC750	PP072165.D	19 May 2025 09:59	YP\AJ	Ok
5	AR1660ICC500	PP072166.D	19 May 2025 10:15	YP\AJ	Ok
6	AR1660ICC250	PP072167.D	19 May 2025 10:32	YP\AJ	Ok
7	AR1660ICC050	PP072168.D	19 May 2025 10:48	YP\AJ	Ok,M
8	AR1221ICC500	PP072169.D	19 May 2025 11:05	YP\AJ	Ok
9	AR1232ICC1000	PP072170.D	19 May 2025 11:21	YP\AJ	Ok
10	AR1232ICC750	PP072171.D	19 May 2025 11:38	YP\AJ	Ok
11	AR1232ICC500	PP072172.D	19 May 2025 11:54	YP\AJ	Ok
12	AR1232ICC250	PP072173.D	19 May 2025 12:10	YP\AJ	Ok
13	AR1232ICC050	PP072174.D	19 May 2025 12:27	YP\AJ	Ok,M
14	AR1242ICC1000	PP072175.D	19 May 2025 12:43	YP\AJ	Ok
15	AR1242ICC750	PP072176.D	19 May 2025 12:59	YP\AJ	Ok
16	AR1242ICC500	PP072177.D	19 May 2025 13:15	YP\AJ	Ok
17	AR1242ICC250	PP072178.D	19 May 2025 13:32	YP\AJ	Ok
18	AR1242ICC050	PP072179.D	19 May 2025 13:48	YP\AJ	Ok,M
19	AR1248ICC1000	PP072180.D	19 May 2025 14:04	YP\AJ	Ok
20	AR1248ICC750	PP072181.D	19 May 2025 14:20	YP\AJ	Ok
21	AR1248ICC500	PP072182.D	19 May 2025 14:37	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1248ICC250	PP072183.D	19 May 2025 14:53	YP\AJ	Ok
23	AR1248ICC050	PP072184.D	19 May 2025 15:25	YP\AJ	Ok,M
24	AR1254ICC1000	PP072185.D	19 May 2025 15:42	YP\AJ	Ok
25	AR1254ICC750	PP072186.D	19 May 2025 15:58	YP\AJ	Ok
26	AR1254ICC500	PP072187.D	19 May 2025 16:14	YP\AJ	Ok
27	AR1254ICC250	PP072188.D	19 May 2025 16:31	YP\AJ	Ok
28	AR1254ICC050	PP072189.D	19 May 2025 16:47	YP\AJ	Ok,M
29	AR1262ICC500	PP072190.D	19 May 2025 17:03	YP\AJ	Ok
30	AR1268ICC1000	PP072191.D	19 May 2025 17:20	YP\AJ	Ok
31	AR1268ICC750	PP072192.D	19 May 2025 17:36	YP\AJ	Ok
32	AR1268ICC500	PP072193.D	19 May 2025 17:53	YP\AJ	Ok
33	AR1268ICC250	PP072194.D	19 May 2025 18:09	YP\AJ	Ok
34	AR1268ICC050	PP072195.D	19 May 2025 18:25	YP\AJ	Ok,M
35	PP051925ICV500	PP072196.D	19 May 2025 18:42	YP\AJ	Ok
36	AR1232ICV500	PP072197.D	19 May 2025 19:14	YP\AJ	Ok
37	AR1242ICV500	PP072198.D	19 May 2025 19:47	YP\AJ	Ok
38	AR1248ICV500	PP072199.D	19 May 2025 20:19	YP\AJ	Ok
39	AR1254ICV500	PP072200.D	19 May 2025 20:52	YP\AJ	Ok
40	AR1268ICV500	PP072201.D	19 May 2025 21:25	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM
SubDirectory	PP061325	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072897.D	13 Jun 2025 09:28	YP\AJ	Ok
2	AR1660CCC500	PP072898.D	13 Jun 2025 09:44	YP\AJ	Ok,M
3	AR1242CCC500	PP072899.D	13 Jun 2025 10:01	YP\AJ	Ok,M
4	AR1248CCC500	PP072900.D	13 Jun 2025 10:17	YP\AJ	Ok,M
5	AR1254CCC500	PP072901.D	13 Jun 2025 10:33	YP\AJ	Ok,M
6	AR1268CCC500	PP072902.D	13 Jun 2025 10:50	YP\AJ	Ok,M
7	I.BLK	PP072903.D	13 Jun 2025 11:06	YP\AJ	Ok,M
8	PB168459BL	PP072904.D	13 Jun 2025 11:22	YP\AJ	Ok,M
9	PB168459BS	PP072905.D	13 Jun 2025 11:39	YP\AJ	Ok,M
10	Q2303-01	PP072906.D	13 Jun 2025 11:55	YP\AJ	Ok,M
11	Q2303-02	PP072907.D	13 Jun 2025 12:11	YP\AJ	Ok,M
12	Q2298-01	PP072908.D	13 Jun 2025 12:28	YP\AJ	Ok,M
13	Q2301-02	PP072909.D	13 Jun 2025 12:44	YP\AJ	Ok,M
14	Q2305-01	PP072910.D	13 Jun 2025 13:00	YP\AJ	Ok,M
15	Q2305-01MS	PP072911.D	13 Jun 2025 13:16	YP\AJ	Ok,M
16	Q2305-01MSD	PP072912.D	13 Jun 2025 13:33	YP\AJ	Ok,M
17	Q2307-01	PP072913.D	13 Jun 2025 13:49	YP\AJ	Ok,M
18	AR1660CCC500	PP072914.D	13 Jun 2025 14:48	YP\AJ	Ok,M
19	AR1242CCC500	PP072915.D	13 Jun 2025 15:05	YP\AJ	Ok,M
20	AR1248CCC500	PP072916.D	13 Jun 2025 15:21	YP\AJ	Ok,M
21	AR1254CCC500	PP072917.D	13 Jun 2025 15:37	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM
SubDirectory	PP061325	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	I.BLK	PP072918.D	13 Jun 2025 15:54	YPIAJ	Ok,M
23	PB168461BL	PP072919.D	13 Jun 2025 16:10	YPIAJ	Ok,M
24	PB168461BS	PP072920.D	13 Jun 2025 16:26	YPIAJ	Ok,M
25	Q2308-01	PP072921.D	13 Jun 2025 16:42	YPIAJ	Ok,M
26	Q2310-01	PP072922.D	13 Jun 2025 16:59	YPIAJ	Ok,M
27	Q2304-01	PP072923.D	13 Jun 2025 17:15	YPIAJ	Ok,M
28	Q2304-02	PP072924.D	13 Jun 2025 17:31	YPIAJ	Ok,M
29	Q2304-03	PP072925.D	13 Jun 2025 17:48	YPIAJ	Ok,M
30	Q2304-04	PP072926.D	13 Jun 2025 18:04	YPIAJ	Ok,M
31	Q2304-05	PP072927.D	13 Jun 2025 18:20	YPIAJ	Ok,M
32	AR1660CCC500	PP072928.D	13 Jun 2025 19:31	YPIAJ	Ok,M
33	AR1242CCC500	PP072929.D	13 Jun 2025 20:03	YPIAJ	Ok,M
34	AR1248CCC500	PP072930.D	13 Jun 2025 20:20	YPIAJ	Ok,M
35	AR1254CCC500	PP072931.D	13 Jun 2025 20:36	YPIAJ	Ok,M
36	I.BLK	PP072932.D	13 Jun 2025 20:52	YPIAJ	Ok,M
37	PB168480BL	PP072933.D	13 Jun 2025 21:08	YPIAJ	Ok,M
38	PB168480BS	PP072934.D	13 Jun 2025 21:25	YPIAJ	Ok,M
39	Q2326-01	PP072935.D	13 Jun 2025 21:41	YPIAJ	Ok,M
40	Q2326-02	PP072936.D	13 Jun 2025 21:57	YPIAJ	Ok,M
41	Q2326-03	PP072937.D	13 Jun 2025 22:13	YPIAJ	Ok,M
42	Q2326-04	PP072938.D	13 Jun 2025 22:30	YPIAJ	Ok,M
43	Q2326-05	PP072939.D	13 Jun 2025 22:46	YPIAJ	Ok,M
44	Q2326-06	PP072940.D	13 Jun 2025 23:02	YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM
SubDirectory	PP061325	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	Q2326-07	PP072941.D	13 Jun 2025 23:19	YP\AJ	Ok,M
46	Q2326-08	PP072942.D	13 Jun 2025 23:35	YP\AJ	Ok,M
47	AR1660CCC500	PP072943.D	14 Jun 2025 02:07	YP\AJ	Ok,M
48	AR1242CCC500	PP072944.D	14 Jun 2025 02:40	YP\AJ	Ok,M
49	AR1248CCC500	PP072945.D	14 Jun 2025 02:56	YP\AJ	Ok,M
50	AR1254CCC500	PP072946.D	14 Jun 2025 03:12	YP\AJ	Ok,M
51	I.BLK	PP072947.D	14 Jun 2025 03:28	YP\AJ	Ok,M
52	Q2327-01	PP072948.D	14 Jun 2025 03:45	YP\AJ	Ok,M
53	Q2327-02	PP072949.D	14 Jun 2025 04:01	YP\AJ	Ok,M
54	Q2327-03	PP072950.D	14 Jun 2025 04:17	YP\AJ	Ok,M
55	Q2327-04	PP072951.D	14 Jun 2025 04:34	YP\AJ	Ok,M
56	AR1660CCC500	PP072952.D	14 Jun 2025 08:24	YP\AJ	Ok,M
57	AR1242CCC500	PP072953.D	14 Jun 2025 08:40	YP\AJ	Ok,M
58	AR1248CCC500	PP072954.D	14 Jun 2025 08:56	YP\AJ	Ok,M
59	AR1254CCC500	PP072955.D	14 Jun 2025 09:12	YP\AJ	Ok,M
60	I.BLK	PP072956.D	14 Jun 2025 09:29	YP\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072162.D	19 May 2025 09:09		YP\AJ	Ok
2	I.BLK	I.BLK	PP072163.D	19 May 2025 09:26		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP072164.D	19 May 2025 09:42		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP072165.D	19 May 2025 09:59		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP072166.D	19 May 2025 10:15		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP072167.D	19 May 2025 10:32		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP072168.D	19 May 2025 10:48		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP072169.D	19 May 2025 11:05		YP\AJ	Ok
9	AR1232ICC1000	AR1232ICC1000	PP072170.D	19 May 2025 11:21		YP\AJ	Ok
10	AR1232ICC750	AR1232ICC750	PP072171.D	19 May 2025 11:38		YP\AJ	Ok
11	AR1232ICC500	AR1232ICC500	PP072172.D	19 May 2025 11:54		YP\AJ	Ok
12	AR1232ICC250	AR1232ICC250	PP072173.D	19 May 2025 12:10		YP\AJ	Ok
13	AR1232ICC050	AR1232ICC050	PP072174.D	19 May 2025 12:27		YP\AJ	Ok,M
14	AR1242ICC1000	AR1242ICC1000	PP072175.D	19 May 2025 12:43		YP\AJ	Ok
15	AR1242ICC750	AR1242ICC750	PP072176.D	19 May 2025 12:59		YP\AJ	Ok
16	AR1242ICC500	AR1242ICC500	PP072177.D	19 May 2025 13:15		YP\AJ	Ok
17	AR1242ICC250	AR1242ICC250	PP072178.D	19 May 2025 13:32		YP\AJ	Ok
18	AR1242ICC050	AR1242ICC050	PP072179.D	19 May 2025 13:48		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM
SubDirectory	PP051925	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		

19	AR1248ICC1000	AR1248ICC1000	PP072180.D	19 May 2025 14:04		YPIAJ	Ok
20	AR1248ICC750	AR1248ICC750	PP072181.D	19 May 2025 14:20		YPIAJ	Ok
21	AR1248ICC500	AR1248ICC500	PP072182.D	19 May 2025 14:37		YPIAJ	Ok
22	AR1248ICC250	AR1248ICC250	PP072183.D	19 May 2025 14:53		YPIAJ	Ok
23	AR1248ICC050	AR1248ICC050	PP072184.D	19 May 2025 15:25		YPIAJ	Ok,M
24	AR1254ICC1000	AR1254ICC1000	PP072185.D	19 May 2025 15:42		YPIAJ	Ok
25	AR1254ICC750	AR1254ICC750	PP072186.D	19 May 2025 15:58		YPIAJ	Ok
26	AR1254ICC500	AR1254ICC500	PP072187.D	19 May 2025 16:14		YPIAJ	Ok
27	AR1254ICC250	AR1254ICC250	PP072188.D	19 May 2025 16:31		YPIAJ	Ok
28	AR1254ICC050	AR1254ICC050	PP072189.D	19 May 2025 16:47		YPIAJ	Ok,M
29	AR1262ICC500	AR1262ICC500	PP072190.D	19 May 2025 17:03		YPIAJ	Ok
30	AR1268ICC1000	AR1268ICC1000	PP072191.D	19 May 2025 17:20		YPIAJ	Ok
31	AR1268ICC750	AR1268ICC750	PP072192.D	19 May 2025 17:36		YPIAJ	Ok
32	AR1268ICC500	AR1268ICC500	PP072193.D	19 May 2025 17:53		YPIAJ	Ok
33	AR1268ICC250	AR1268ICC250	PP072194.D	19 May 2025 18:09		YPIAJ	Ok
34	AR1268ICC050	AR1268ICC050	PP072195.D	19 May 2025 18:25		YPIAJ	Ok,M
35	PP051925ICV500	ICVPP051925	PP072196.D	19 May 2025 18:42		YPIAJ	Ok
36	AR1232ICV500	ICVPP051925AR1232	PP072197.D	19 May 2025 19:14		YPIAJ	Ok
37	AR1242ICV500	ICVPP051925AR1242	PP072198.D	19 May 2025 19:47		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP051925

Review By	yogesh	Review On	5/19/2025 12:22:08 PM				
Supervise By	mohammad	Supervise On	5/22/2025 6:37:35 AM				
SubDirectory	PP051925	HP Acquire Method	HP Processing Method		PP051925		
STD. NAME		STD REF.#					
Tune/Reschk		PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369					
Initial Calibration Stds							
CCC							
Internal Standard/PEM							
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard		PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387					

38	AR1248ICV500	ICVPP051925AR1248	PP072199.D	19 May 2025 20:19		YP\AJ	Ok
39	AR1254ICV500	ICVPP051925AR1254	PP072200.D	19 May 2025 20:52		YP\AJ	Ok
40	AR1268ICV500	ICVPP051925AR1268	PP072201.D	19 May 2025 21:25		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM
SubDirectory	PP061325	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072897.D	13 Jun 2025 09:28		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP072898.D	13 Jun 2025 09:44	DCB high in 2nd column	YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP072899.D	13 Jun 2025 10:01		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP072900.D	13 Jun 2025 10:17		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP072901.D	13 Jun 2025 10:33		YP\AJ	Ok,M
6	AR1268CCC500	AR1268CCC500	PP072902.D	13 Jun 2025 10:50		YP\AJ	Ok,M
7	I.BLK	I.BLK	PP072903.D	13 Jun 2025 11:06		YP\AJ	Ok,M
8	PB168459BL	PB168459BL	PP072904.D	13 Jun 2025 11:22		YP\AJ	Ok,M
9	PB168459BS	PB168459BS	PP072905.D	13 Jun 2025 11:39		YP\AJ	Ok,M
10	Q2303-01	B-165-SB01	PP072906.D	13 Jun 2025 11:55	AR1254 Hit	YP\AJ	Ok,M
11	Q2303-02	B-170-SB03	PP072907.D	13 Jun 2025 12:11		YP\AJ	Ok,M
12	Q2298-01	AU-05-061125	PP072908.D	13 Jun 2025 12:28		YP\AJ	Ok,M
13	Q2301-02	WC-URBAN-FILL-C	PP072909.D	13 Jun 2025 12:44		YP\AJ	Ok,M
14	Q2305-01	TR-04-06122025	PP072910.D	13 Jun 2025 13:00		YP\AJ	Ok,M
15	Q2305-01MS	TR-04-06122025MS	PP072911.D	13 Jun 2025 13:16		YP\AJ	Ok,M
16	Q2305-01MSD	TR-04-06122025MSD	PP072912.D	13 Jun 2025 13:33		YP\AJ	Ok,M
17	Q2307-01	LINDEN-SAA	PP072913.D	13 Jun 2025 13:49		YP\AJ	Ok,M
18	AR1660CCC500	AR1660CCC500	PP072914.D	13 Jun 2025 14:48		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM
SubDirectory	PP061325	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1242CCC500	AR1242CCC500	PP072915.D	13 Jun 2025 15:05		YPIAJ	Ok,M
20	AR1248CCC500	AR1248CCC500	PP072916.D	13 Jun 2025 15:21		YPIAJ	Ok,M
21	AR1254CCC500	AR1254CCC500	PP072917.D	13 Jun 2025 15:37	1st peak low in 1st column	YPIAJ	Ok,M
22	I.BLK	I.BLK	PP072918.D	13 Jun 2025 15:54		YPIAJ	Ok,M
23	PB168461BL	PB168461BL	PP072919.D	13 Jun 2025 16:10		YPIAJ	Ok,M
24	PB168461BS	PB168461BS	PP072920.D	13 Jun 2025 16:26		YPIAJ	Ok,M
25	Q2308-01	EO-02-06122025	PP072921.D	13 Jun 2025 16:42		YPIAJ	Ok,M
26	Q2310-01	TP-7	PP072922.D	13 Jun 2025 16:59		YPIAJ	Ok,M
27	Q2304-01	RBR200057-1	PP072923.D	13 Jun 2025 17:15	AR1248 Hit	YPIAJ	Ok,M
28	Q2304-02	RBR200057-2	PP072924.D	13 Jun 2025 17:31	AR1248 Hit	YPIAJ	Ok,M
29	Q2304-03	VNJ239-3	PP072925.D	13 Jun 2025 17:48	AR1248 Hit	YPIAJ	Ok,M
30	Q2304-04	VNJ239-4	PP072926.D	13 Jun 2025 18:04	AR1248 Hit	YPIAJ	Ok,M
31	Q2304-05	VNJ239-5	PP072927.D	13 Jun 2025 18:20	AR1248 Hit , Confirm corrected typo	YPIAJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP072928.D	13 Jun 2025 19:31		YPIAJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP072929.D	13 Jun 2025 20:03		YPIAJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP072930.D	13 Jun 2025 20:20		YPIAJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP072931.D	13 Jun 2025 20:36	DCB high in 2nd column	YPIAJ	Ok,M
36	I.BLK	I.BLK	PP072932.D	13 Jun 2025 20:52		YPIAJ	Ok,M
37	PB168480BL	PB168480BL	PP072933.D	13 Jun 2025 21:08		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM
SubDirectory	PP061325	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	PB168480BS	PB168480BS	PP072934.D	13 Jun 2025 21:25		YPIAJ	Ok,M
39	Q2326-01	BC274770-1-1	PP072935.D	13 Jun 2025 21:41	DCB high in 1st column	YPIAJ	Ok,M
40	Q2326-02	BC274770-1-2	PP072936.D	13 Jun 2025 21:57	DCB high in 1st column	YPIAJ	Ok,M
41	Q2326-03	BC274770-2-1	PP072937.D	13 Jun 2025 22:13	DCB high in 1st column	YPIAJ	Ok,M
42	Q2326-04	BC274770-2-2	PP072938.D	13 Jun 2025 22:30		YPIAJ	Ok,M
43	Q2326-05	BC274770-3-1	PP072939.D	13 Jun 2025 22:46	DCB high in 1st column	YPIAJ	Ok,M
44	Q2326-06	BC274770-3-2	PP072940.D	13 Jun 2025 23:02		YPIAJ	Ok,M
45	Q2326-07	ECA345N-1-1	PP072941.D	13 Jun 2025 23:19		YPIAJ	Ok,M
46	Q2326-08	ECA345N-1-2	PP072942.D	13 Jun 2025 23:35		YPIAJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PP072943.D	14 Jun 2025 02:07		YPIAJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PP072944.D	14 Jun 2025 02:40		YPIAJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PP072945.D	14 Jun 2025 02:56		YPIAJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PP072946.D	14 Jun 2025 03:12	DCB high in 2nd column	YPIAJ	Ok,M
51	I.BLK	I.BLK	PP072947.D	14 Jun 2025 03:28		YPIAJ	Ok,M
52	Q2327-01	HEH700H-1-1	PP072948.D	14 Jun 2025 03:45	AR1254 Hit	YPIAJ	Ok,M
53	Q2327-02	HEH700H-1-2	PP072949.D	14 Jun 2025 04:01		YPIAJ	Ok,M
54	Q2327-03	HEH700H-2-1	PP072950.D	14 Jun 2025 04:17	AR1254 Hit	YPIAJ	Ok,M
55	Q2327-04	HEH700H-2-2	PP072951.D	14 Jun 2025 04:34	AR1254 Hit	YPIAJ	Ok,M
56	AR1660CCC500	AR1660CCC500	PP072952.D	14 Jun 2025 08:24		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP061325

Review By	yogesh	Review On	6/13/2025 1:22:51 PM
Supervise By	mohammad	Supervise On	6/17/2025 3:41:07 AM
SubDirectory	PP061325	HP Acquire Method	HP Processing Method PP051925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

57	AR1242CCC500	AR1242CCC500	PP072953.D	14 Jun 2025 08:40		YPIAJ	Ok,M
58	AR1248CCC500	AR1248CCC500	PP072954.D	14 Jun 2025 08:56		YPIAJ	Ok,M
59	AR1254CCC500	AR1254CCC500	PP072955.D	14 Jun 2025 09:12		YPIAJ	Ok,M
60	I.BLK	I.BLK	PP072956.D	14 Jun 2025 09:29		YPIAJ	Ok,M

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 06/13/2025

Extraction Start Time : 08:05

Extraction End Date : 06/13/2025

Extraction End Time : 11:00

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24461
Surrogate	1.0ML	200 PPB	PP24597
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2613
Baked Na2SO4	N/A	EP2620
Sand	N/A	E2865
Hexane	N/A	E3938
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/13/25	RP (Est 204)	T.P. Pest / RUP.
11:05	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/13/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168459BL	ABLK459	PCB	30.01	N/A	ritesh	Evelyn	10			U3-1
PB168459BS	ALCS459	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q2298-01	AU-05-061125	PCB	30.07	N/A	ritesh	Evelyn	10	D		3
Q2301-02	WC-URBAN-FILL-C	PCB	30.03	N/A	ritesh	Evelyn	10	D		4
Q2303-01	B-165-SB01	PCB	30.08	N/A	ritesh	Evelyn	10			5
Q2303-02	B-170-SB03	PCB	30.05	N/A	ritesh	Evelyn	10			6
Q2305-01	TR-04-06122025	PCB	30.04	N/A	ritesh	Evelyn	10	D		U6-1
Q2305-01MS	TR-04-06122025MS	PCB	30.02	N/A	ritesh	Evelyn	10	D		2
Q2305-01MS D	TR-04-06122025MSD	PCB	30.06	N/A	ritesh	Evelyn	10	D		3
Q2307-01	LINDEN-SAA	PCB	30.07	N/A	ritesh	Evelyn	10	C		4
Q2308-01	EO-02-06122025	PCB	30.03	N/A	ritesh	Evelyn	10	D		5
Q2310-01	TP-7	PCB	30.01	N/A	ritesh	Evelyn	10	D		6

* Extracts relinquished on the same date as received.

6/13/25

1596151
8:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2298 WorkList ID : 190173 Department : Extraction Date : 06-13-2025 07:59:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2298-01	AU-05-061125	Solid	PCB	Cool 4 deg C	PSEG05	D41	06/11/2025	8082A
Q2301-02	WC-URBAN-FILL-C	Solid	PCB	Cool 4 deg C	ENTA05	D41	06/11/2025	8082A
Q2303-01	B-165-SB01	Solid	PCB	Cool 4 deg C	PORT06	D41	06/11/2025	8082A
Q2303-02	B-170-SB03	Solid	PCB	Cool 4 deg C	PORT06	D41	06/11/2025	8082A
Q2305-01	TR-04-06122025	Solid	PCB	Cool 4 deg C	PSEG05	D41	06/12/2025	8082A
Q2307-01	LINDEN-SAA	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/12/2025	8082A
Q2308-01	EO-02-06122025	Solid	PCB	Cool 4 deg C	PSEG05	D51	06/12/2025	8082A
Q2310-01	TP-7	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/12/2025	8082A

Date/Time 06/13/25 8:00
Raw Sample Received by: B (let lab)
Raw Sample Relinquished by: CP SM

Date/Time 06/13/25 8:25
Raw Sample Received by: CP SM
Raw Sample Relinquished by: B (let lab)



LAB CHRONICLE

OrderID:	Q2303	OrderDate:	6/12/2025 12:09:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2303-01	B-165-SB01	SOIL	PCB	8082A	06/11/25	06/13/25	06/13/25	06/11/25
Q2303-02	B-170-SB03	SOIL	PCB	8082A	06/11/25	06/13/25	06/13/25	06/11/25