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Hit Summary Sheet
SW-846

SDG No.: Q1901

Order ID: Q1901

Client: Portal Partners Tri-Venture

Project ID: Amtrak Sawtooth Bridges 2025

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	05/05/25
Client Sample ID:	PB167774TB	SDG No.:	Q1901
Lab Sample ID:	PB167774TB	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030060.D	1	05/05/25 08:50	05/06/25 14:40	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	591		70 (39) - 130 (175)	118%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	Portal Partners Tri-Venture			Date Collected:	04/26/25		
Project:	Amtrak Sawtooth Bridges 2025			Date Received:	04/28/25		
Client Sample ID:	B-167-SB01			SDG No.:	Q1901		
Lab Sample ID:	Q1901-08			Matrix:	TCLP		
Analytical Method:	SW8151A			% Solid:	0		Decanted:
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL	
Soil Aliquot Vol:			uL	Test:	TCLP Herbicide		
Extraction Type:				Injection Volume :			
GPC Factor :	1.0		PH :				
Prep Method :	8151A						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030062.D	1	05/05/25 08:50	05/06/25 15:28	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	666	*	70 (39) - 130 (175)	133%	SPK: 500

Comments:

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LOQ = Limit of Quantitation

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

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Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/26/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/28/25
Client Sample ID:	B-170-SB01	SDG No.:	Q1901
Lab Sample ID:	Q1901-09	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030065.D	1	05/05/25 08:50	05/06/25 16:40	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	685	*	70 (39) - 130 (175)	137%	SPK: 500

Comments:

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture			Date Collected:	04/26/25	
Project:	Amtrak Sawtooth Bridges 2025			Date Received:	04/28/25	
Client Sample ID:	B-167-SB02			SDG No.:	Q1901	
Lab Sample ID:	Q1901-10			Matrix:	TCLP	
Analytical Method:	SW8151A			% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	TCLP Herbicide	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0		PH :			
Prep Method :	8151A					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030066.D	1	05/05/25 08:50	05/06/25 17:04	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	711	*	70 (39) - 130 (175)	142%	SPK: 500

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of OC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture			Date Collected:	04/26/25		
Project:	Amtrak Sawtooth Bridges 2025			Date Received:	04/28/25		
Client Sample ID:	B-170-SB02			SDG No.:	Q1901		
Lab Sample ID:	Q1901-11			Matrix:	TCLP		
Analytical Method:	SW8151A			% Solid:	0		Decanted:
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL	
Soil Aliquot Vol:			uL	Test:	TCLP Herbicide		
Extraction Type:				Injection Volume :			
GPC Factor :	1.0		PH :				
Prep Method :	8151A						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030067.D	1	05/05/25 08:50	05/06/25 17:28	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	846	*	70 (39) - 130 (175)	169%	SPK: 500

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of OC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS029918.D	PIBLK-PS029918.D	2,4-DCAA	1	500	433	87		70 (39)	130 (175)
		2,4-DCAA	2	500	433	87		70 (39)	130 (175)
I.BLK-PS030051.D	PIBLK-PS030051.D	2,4-DCAA	1	500	541	108		70 (39)	130 (175)
		2,4-DCAA	2	500	561	112		70 (39)	130 (175)
PB167871BL	PB167871BL	2,4-DCAA	1	500	620	124		70 (39)	130 (175)
		2,4-DCAA	2	500	616	123		70 (39)	130 (175)
PB167871BS	PB167871BS	2,4-DCAA	1	500	555	111		70 (39)	130 (175)
		2,4-DCAA	2	500	562	112		70 (39)	130 (175)
I.BLK-PS030058.D	PIBLK-PS030058.D	2,4-DCAA	1	500	533	107		70 (39)	130 (175)
		2,4-DCAA	2	500	558	112		70 (39)	130 (175)
PB167774TB	PB167774TB	2,4-DCAA	1	500	582	116		70 (39)	130 (175)
		2,4-DCAA	2	500	591	118		70 (39)	130 (175)
Q1901-08	B-167-SB01	2,4-DCAA	1	500	666	133	*	70 (39)	130 (175)
		2,4-DCAA	2	500	577	115		70 (39)	130 (175)
Q1901-08MS	B-167-SB01MS	2,4-DCAA	1	500	690	138	*	70 (39)	130 (175)
		2,4-DCAA	2	500	577	115		70 (39)	130 (175)
Q1901-08MSD	B-167-SB01MSD	2,4-DCAA	1	500	691	138	*	70 (39)	130 (175)
		2,4-DCAA	2	500	590	118		70 (39)	130 (175)
Q1901-09	B-170-SB01	2,4-DCAA	1	500	685	137	*	70 (39)	130 (175)
		2,4-DCAA	2	500	561	112		70 (39)	130 (175)
Q1901-10	B-167-SB02	2,4-DCAA	1	500	711	142	*	70 (39)	130 (175)
		2,4-DCAA	2	500	566	113		70 (39)	130 (175)
Q1901-11	B-170-SB02	2,4-DCAA	1	500	846	169	*	70 (39)	130 (175)
		2,4-DCAA	2	500	611	122		70 (39)	130 (175)
I.BLK-PS030069.D	PIBLK-PS030069.D	2,4-DCAA	1	500	537	107		70 (39)	130 (175)
		2,4-DCAA	2	500	563	113		70 (39)	130 (175)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8151A

DataFile : PS030063.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: Q1901-08MS	B-167-SB01MS											
	2,4-D	50	0	64.2	ug/L	128				70 (65)	130 (135)	
	2,4,5-TP(Silvex)	50	0	63.4	ug/L	127				70 (62)	130 (139)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8151A

DataFile : PS030064.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	B-167-SB01MSD											
Q1901-08MSD	2,4-D	50	0	67.0	ug/L	134	*	5		70 (65)	130 (135)	20 (20)
	2,4,5-TP(Silvex)	50	0	66.1	ug/L	132	*	4		70 (62)	130 (139)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8151A **Datafile :** PS030057.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167871BS	2,4-D	5	5.30	ug/L	106				70 (83)	130 (130)	
	2,4,5-TP(Silvex)	5	5.40	ug/L	108				70 (78)	130 (127)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167871BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1901

SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: PB167871BL

Lab File ID: PS030056.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/05/2025

Date Analyzed (1): 05/06/2025

Date Analyzed (2): 05/06/2025

Time Analyzed (1): 13:03

Time Analyzed (2): 13:03

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 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
PB167871BS	PB167871BS	PS030057.D	05/06/2025	05/06/2025
PB167774TB	PB167774TB	PS030060.D	05/06/2025	05/06/2025
B-167-SB01	Q1901-08	PS030062.D	05/06/2025	05/06/2025
B-167-SB01MS	Q1901-08MS	PS030063.D	05/06/2025	05/06/2025
B-167-SB01MSD	Q1901-08MSD	PS030064.D	05/06/2025	05/06/2025
B-170-SB01	Q1901-09	PS030065.D	05/06/2025	05/06/2025
B-167-SB02	Q1901-10	PS030066.D	05/06/2025	05/06/2025
B-170-SB02	Q1901-11	PS030067.D	05/06/2025	05/06/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167871BL	SDG No.:	Q1901
Lab Sample ID:	PB167871BL	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030056.D	1	05/05/25 08:50	05/06/25 13:03	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	620		70 (39) - 130 (175)	124%	SPK: 500

Comments:

U = Not Detected
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 () = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	04/23/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	04/23/25
Client Sample ID:	PIBLK-PS029918.D	SDG No.:	Q1901
Lab Sample ID:	I.BLK-PS029918.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029918.D	1		04/23/25	PS042325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	433		70 (39) - 130 (175)	87%	SPK: 500

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	05/06/25
Client Sample ID:	PIBLK-PS030051.D	SDG No.:	Q1901
Lab Sample ID:	I.BLK-PS030051.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030051.D	1		05/06/25	PS050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	561		70 (39) - 130 (175)	112%	SPK: 500

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	05/06/25
Client Sample ID:	PIBLK-PS030058.D	SDG No.:	Q1901
Lab Sample ID:	I.BLK-PS030058.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030058.D	1		05/06/25	ps050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	558		70 (39) - 130 (175)	112%	SPK: 500

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	05/06/25
Client Sample ID:	PIBLK-PS030069.D	SDG No.:	Q1901
Lab Sample ID:	I.BLK-PS030069.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030069.D	1		05/06/25	ps050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	563		70 (39) - 130 (175)	113%	SPK: 500

Comments:

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N = Presumptive Evidence of a Compound

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D = Dilution

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

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Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB167871BS	SDG No.:	Q1901
Lab Sample ID:	PB167871BS	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030057.D	1	05/05/25 08:50	05/06/25 13:27	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	5.30		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.40		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	562		70 (39) - 130 (175)	112%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture			Date Collected:	04/26/25		
Project:	Amtrak Sawtooth Bridges 2025			Date Received:	04/28/25		
Client Sample ID:	B-167-SB01MS			SDG No.:	Q1901		
Lab Sample ID:	Q1901-08MS			Matrix:	TCLP		
Analytical Method:	SW8151A			% Solid:	0		Decanted:
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000		uL
Soil Aliquot Vol:				Test:	TCLP Herbicide		
Extraction Type:				Injection Volume :			
GPC Factor :	1.0	PH :					
Prep Method :	SW3510C						

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030063.D	1	05/05/25 08:50	05/06/25 15:52	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	64.2		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	63.4		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	690	*	70 (39) - 130 (175)	138%	SPK: 500

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 OC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Portal Partners Tri-Venture			Date Collected:	04/26/25	
Project:	Amtrak Sawtooth Bridges 2025			Date Received:	04/28/25	
Client Sample ID:	B-167-SB01MSD			SDG No.:	Q1901	
Lab Sample ID:	Q1901-08MSD			Matrix:	TCLP	
Analytical Method:	SW8151A			% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	TCLP Herbicide	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0		PH :			
Prep Method :	SW3510C					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030064.D	1	05/05/25 08:50	05/06/25 16:16	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	67.0		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	66.1		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	691	*	70 (39) - 130 (175)	138%	SPK: 500

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 OC 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



Contract:	<u>PORT06</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1901</u>	SAS No.:	<u>Q1901</u>	SDG NO.:	<u>Q1901</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):		<u>04/23/2025</u>	<u>04/23/2025</u>		
		Calibration Times:		<u>11:01</u>	<u>12:37</u>		

LAB FILE ID:	RT 200 =	<u>PS029919.D</u>	RT 500 =	<u>PS029920.D</u>
RT 750 =	PS029921.D	RT 1000 =	PS029922.D	RT 1500 =
				PS029923.D

[illegible]



Contract:	<u>PORT06</u>						
Lab Code:	<u>CHEM</u>	Case No.:	<u>Q1901</u>	SAS No.:	<u>Q1901</u>	SDG NO.:	<u>Q1901</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):		<u>04/23/2025</u>	<u>04/23/2025</u>		
		Calibration Times:		<u>11:01</u>	<u>12:37</u>		

LAB FILE ID:	RT 200 =	<u>PS029919.D</u>	RT 500 =	<u>PS029920.D</u>
RT 750 =	<u>PS029921.D</u>	RT 1000 =	<u>PS029922.D</u>	RT 1500 =
			<u>PS029923.D</u>	

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Instrument ID: ECD_S

Calibration Date(s): 04/23/2025 04/23/2025

Calibration Times: 11:01 12:37

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS029919.D</u>	CF 500 =	<u>PS029920.D</u>		
CF 750 =		<u>PS029921.D</u>	CF 1000 =	<u>PS029922.D</u>	CF 1500 =	<u>PS029923.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16213200000	13862200000	13431300000	12910500000	12897000000	13862800000	10
2,4-D	3379530000	2797950000	2695740000	2590800000	2600340000	2812870000	12
2,4-DCAA	3038250000	2463560000	2343090000	2233670000	2226830000	2461080000	14

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Instrument ID: ECD_S

Calibration Date(s): 04/23/2025 04/23/2025

Calibration Times: 11:01 12:37

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS029919.D</u>	CF 500 =	<u>PS029920.D</u>		
CF 750 =		<u>PS029921.D</u>	CF 1000 =	<u>PS029922.D</u>	CF 1500 =	<u>PS029923.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	8841790000	8081200000	8077540000	7871670000	8036560000	8181750000	5
2,4-D	1299090000	1113240000	1091000000	1054800000	1077400000	1127110000	9
2,4-DCAA	807639000	692361000	682858000	661991000	677736000	704517000	8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 05/06/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 09:50 Initial Calibration Time(s): 11:01 12:37

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
2,4-D	8.02	8.02	7.92	8.12	0.00
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901

Continuing Calib Date: 05/06/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 09:50 **Initial Calibration Time(s):** 11:01 12:37

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL01 Date Analyzed: 05/06/2025

Lab Sample No.: HSTDCCC750 Data File : PS030052.D Time Analyzed: 09:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	8.857	8.762	8.962	695.180	712.500	-2.4
2,4-D	8.015	7.919	8.119	682.930	705.000	-3.1
2,4-DCAA	6.938	6.842	7.042	709.030	750.000	-5.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL01 Date Analyzed: 05/06/2025

Lab Sample No.: HSTDCCC750 Data File : PS030052.D Time Analyzed: 09:50

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.531	9.442	9.642	717.130	712.500	0.6
2,4-D	8.651	8.561	8.761	682.800	705.000	-3.1
2,4-DCAA	7.459	7.367	7.567	734.700	750.000	-2.0

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901

Continuing Calib Date: 05/06/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 14:15 **Initial Calibration Time(s):** 11:01 12:37

GC Column: RTX-CLP **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
2,4-D	8.02	8.02	7.92	8.12	0.00
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901

Continuing Calib Date: 05/06/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 14:15 **Initial Calibration Time(s):** 11:01 12:37

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL02 Date Analyzed: 05/06/2025

Lab Sample No.: HSTDCCC750 Data File : PS030059.D Time Analyzed: 14:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	8.856	8.762	8.962	744.780	712.500	4.5
2,4-D	8.015	7.919	8.119	719.560	705.000	2.1
2,4-DCAA	6.938	6.842	7.042	763.780	750.000	1.8

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL02 Date Analyzed: 05/06/2025

Lab Sample No.: HSTDCCC750 Data File : PS030059.D Time Analyzed: 14:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.532	9.442	9.642	772.440	712.500	8.4
2,4-D	8.652	8.561	8.761	732.170	705.000	3.9
2,4-DCAA	7.461	7.367	7.567	793.080	750.000	5.7

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901

Continuing Calib Date: 05/06/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 18:40 **Initial Calibration Time(s):** 11:01 12:37

GC Column: RTX-CLP **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
2,4-D	8.01	8.02	7.92	8.12	0.01
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901

Continuing Calib Date: 05/06/2025 **Initial Calibration Date(s):** 04/23/2025 04/23/2025

Continuing Calib Time: 18:40 **Initial Calibration Time(s):** 11:01 12:37

GC Column: RTX-CLP2 **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901

GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 05/06/2025

Lab Sample No.: HSTDCCC750 **Data File :** PS030070.D **Time Analyzed:** 18:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	8.855	8.762	8.962	756.820	712.500	6.2
2,4-D	8.014	7.919	8.119	729.360	705.000	3.5
2,4-DCAA	6.937	6.842	7.042	776.060	750.000	3.5

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/23/2025 04/23/2025

Client Sample No.: CCAL03 Date Analyzed: 05/06/2025

Lab Sample No.: HSTDCCC750 Data File : PS030070.D Time Analyzed: 18:40

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.531	9.442	9.642	791.940	712.500	11.1
2,4-D	8.653	8.561	8.761	755.570	705.000	7.2
2,4-DCAA	7.460	7.367	7.567	810.860	750.000	8.1

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 04/23/2025 04/23/2025

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	DCAA RT #	RT #
IBLK	IBLK	04/23/2025	10:37	PS029918.D	6.94	0.00
HSTDICC200	HSTDICC200	04/23/2025	11:01	PS029919.D	6.94	0.00
HSTDICC500	HSTDICC500	04/23/2025	11:25	PS029920.D	6.94	0.00
HSTDICC750	HSTDICC750	04/23/2025	11:49	PS029921.D	6.94	0.00
HSTDICC1000	HSTDICC1000	04/23/2025	12:13	PS029922.D	6.94	0.00
HSTDICC1500	HSTDICC1500	04/23/2025	12:37	PS029923.D	6.94	0.00
IBLK	IBLK	05/06/2025	08:58	PS030051.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	09:50	PS030052.D	6.94	0.00
PB167871BL	PB167871BL	05/06/2025	13:03	PS030056.D	6.94	0.00
PB167871BS	PB167871BS	05/06/2025	13:27	PS030057.D	6.94	0.00
IBLK	IBLK	05/06/2025	13:51	PS030058.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	14:15	PS030059.D	6.94	0.00
PB167774TB	PB167774TB	05/06/2025	14:40	PS030060.D	6.94	0.00
B-167-SB01	Q1901-08	05/06/2025	15:28	PS030062.D	6.94	0.00
B-167-SB01MS	Q1901-08MS	05/06/2025	15:52	PS030063.D	6.94	0.00
B-167-SB01MSD	Q1901-08MSD	05/06/2025	16:16	PS030064.D	6.94	0.00
B-170-SB01	Q1901-09	05/06/2025	16:40	PS030065.D	6.94	0.00
B-167-SB02	Q1901-10	05/06/2025	17:04	PS030066.D	6.94	0.00
B-170-SB02	Q1901-11	05/06/2025	17:28	PS030067.D	6.94	0.00
IBLK	IBLK	05/06/2025	18:16	PS030069.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	18:40	PS030070.D	6.94	0.00

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q1901
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 04/23/2025 04/23/2025

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	DCAA RT #	RT #
IBLK	IBLK	04/23/2025	10:37	PS029918.D	7.47	0.00
HSTDICC200	HSTDICC200	04/23/2025	11:01	PS029919.D	7.47	0.00
HSTDICC500	HSTDICC500	04/23/2025	11:25	PS029920.D	7.47	0.00
HSTDICC750	HSTDICC750	04/23/2025	11:49	PS029921.D	7.47	0.00
HSTDICC1000	HSTDICC1000	04/23/2025	12:13	PS029922.D	7.47	0.00
HSTDICC1500	HSTDICC1500	04/23/2025	12:37	PS029923.D	7.47	0.00
IBLK	IBLK	05/06/2025	08:58	PS030051.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	09:50	PS030052.D	7.46	0.00
PB167871BL	PB167871BL	05/06/2025	13:03	PS030056.D	7.46	0.00
PB167871BS	PB167871BS	05/06/2025	13:27	PS030057.D	7.46	0.00
IBLK	IBLK	05/06/2025	13:51	PS030058.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	14:15	PS030059.D	7.46	0.00
PB167774TB	PB167774TB	05/06/2025	14:40	PS030060.D	7.46	0.00
B-167-SB01	Q1901-08	05/06/2025	15:28	PS030062.D	7.46	0.00
B-167-SB01MS	Q1901-08MS	05/06/2025	15:52	PS030063.D	7.46	0.00
B-167-SB01MSD	Q1901-08MSD	05/06/2025	16:16	PS030064.D	7.46	0.00
B-170-SB01	Q1901-09	05/06/2025	16:40	PS030065.D	7.46	0.00
B-167-SB02	Q1901-10	05/06/2025	17:04	PS030066.D	7.46	0.00
B-170-SB02	Q1901-11	05/06/2025	17:28	PS030067.D	7.46	0.00
IBLK	IBLK	05/06/2025	18:16	PS030069.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	18:40	PS030070.D	7.46	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-167-SB01MS

Contract: PORT06

Lab Code: CHEM Case No.: Q1901

SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: Q1901-08MS

Date(s) Analyzed: 05/06/2025 05/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.01	7.96	8.06	64.2	0.8
	2	8.65	8.60	8.70	63.7	
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	60.9	4
	2	9.53	9.48	9.58	63.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-167-SB01MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q1901

SAS No.: Q1901

SDG NO.: Q1901

Lab Sample ID: Q1901-08MSD

Date(s) Analyzed: 05/06/2025 05/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4-D	1	8.01	7.96	8.06	67.0	1.1
	2	8.65	8.60	8.70	66.3	
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	63.4	4.2
	2	9.53	9.48	9.58	66.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167871BS

Contract: PORT06

Lab Code: CHEM Case No.: Q1901

SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: PB167871BS

Date(s) Analyzed: 05/06/2025 05/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP ID: 0.32 (mm)

GC Column:(2): RTX-CLP2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	5.30	1.9
	2	9.53	9.48	9.58	5.40	
2,4-D	1	8.01	7.96	8.06	5.20	1.9
	2	8.65	8.60	8.70	5.30	



SAMPLE RAW DATA

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030060.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 14:40
 Operator : AR\AJ
 Sample : PB167774TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167774TB

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:55:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.938	7.461	1432.4E6	416.4E6	582.030	591.113

Target Compounds

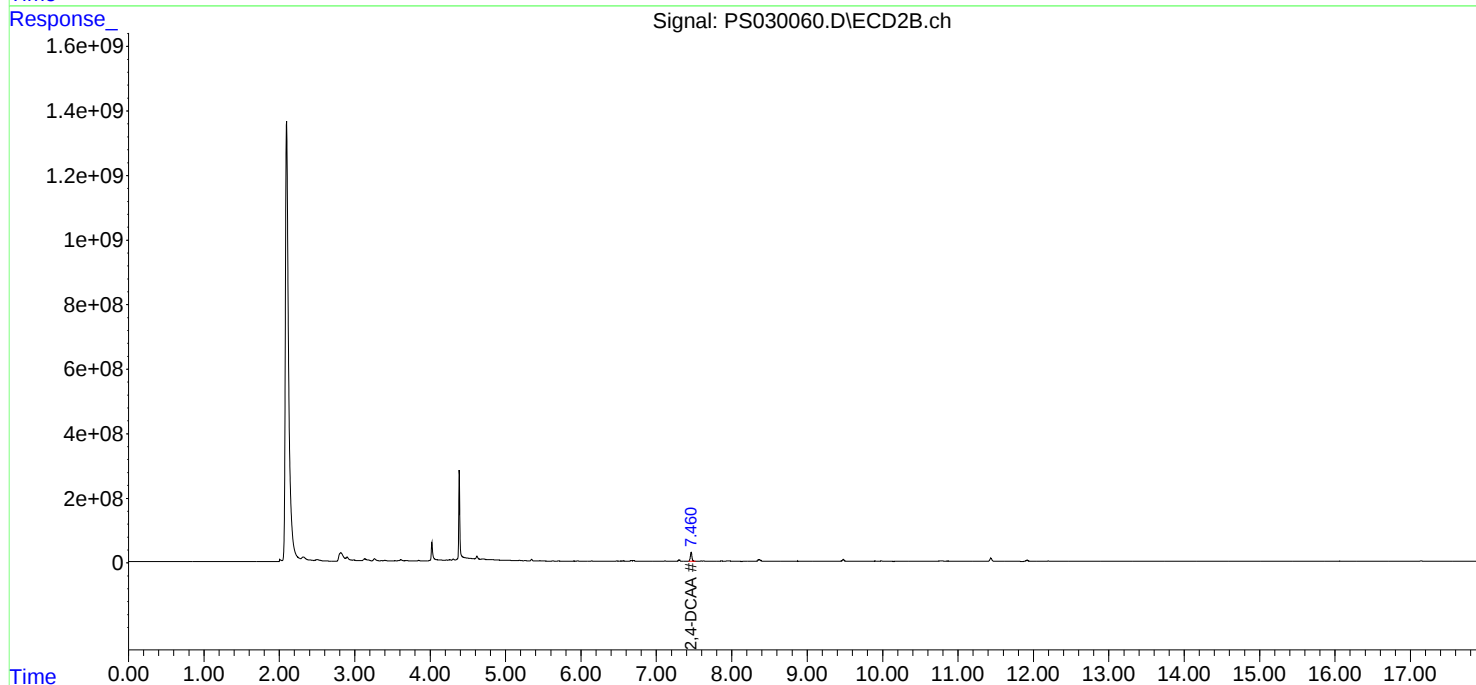
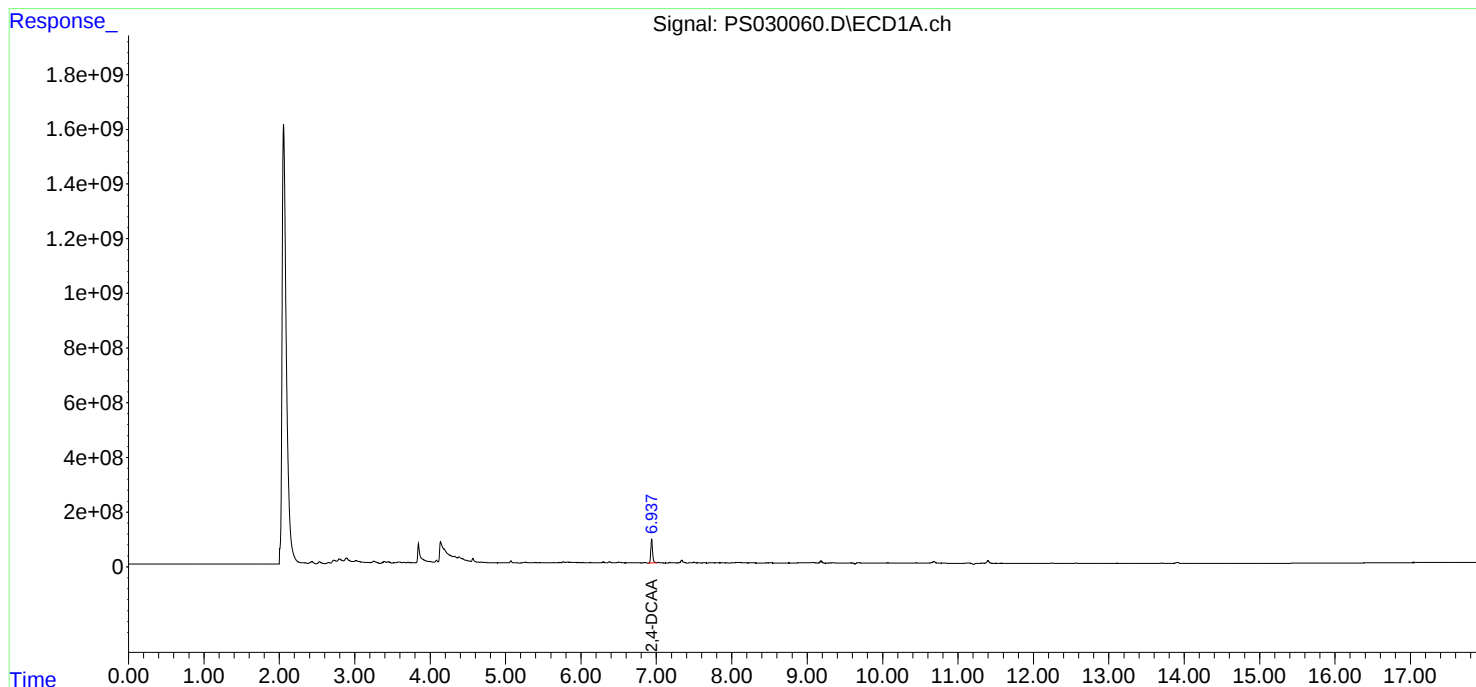
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

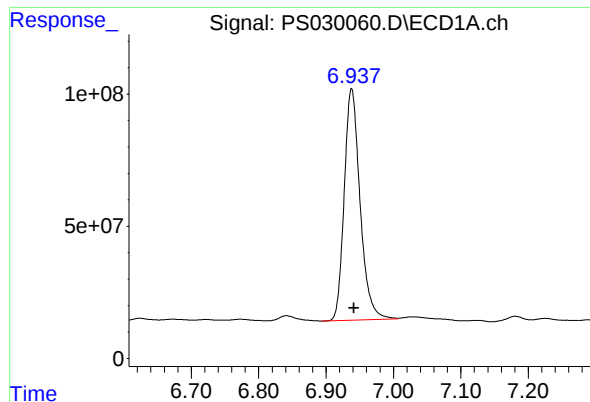
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030060.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 14:40
Operator : AR\AJ
Sample : PB167774TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB167774TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:55:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.938 min

Delta R.T.: -0.003 min

Response: 1432422261

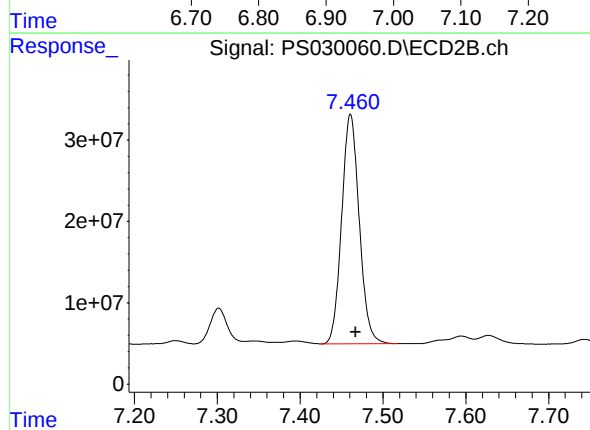
Conc: 582.03 ng/ml

Instrument :

ECD_S

ClientSampleId :

PB167774TB



#4 2,4-DCAA

R.T.: 7.461 min

Delta R.T.: -0.006 min

Response: 416449029

Conc: 591.11 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 15:28
 Operator : AR\AJ
 Sample : Q1901-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-167-SB01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:57:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.939	7.461	1638.1E6	406.3E6	665.615	576.761

Target Compounds

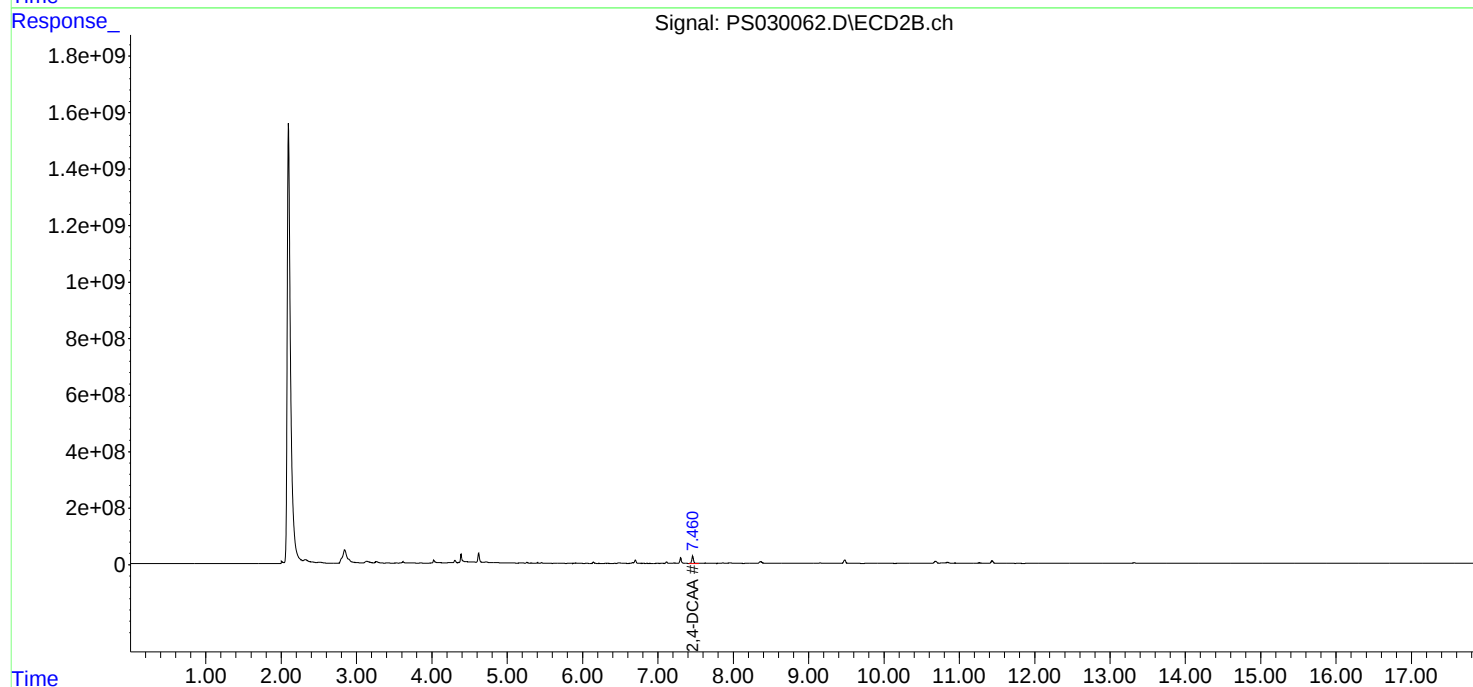
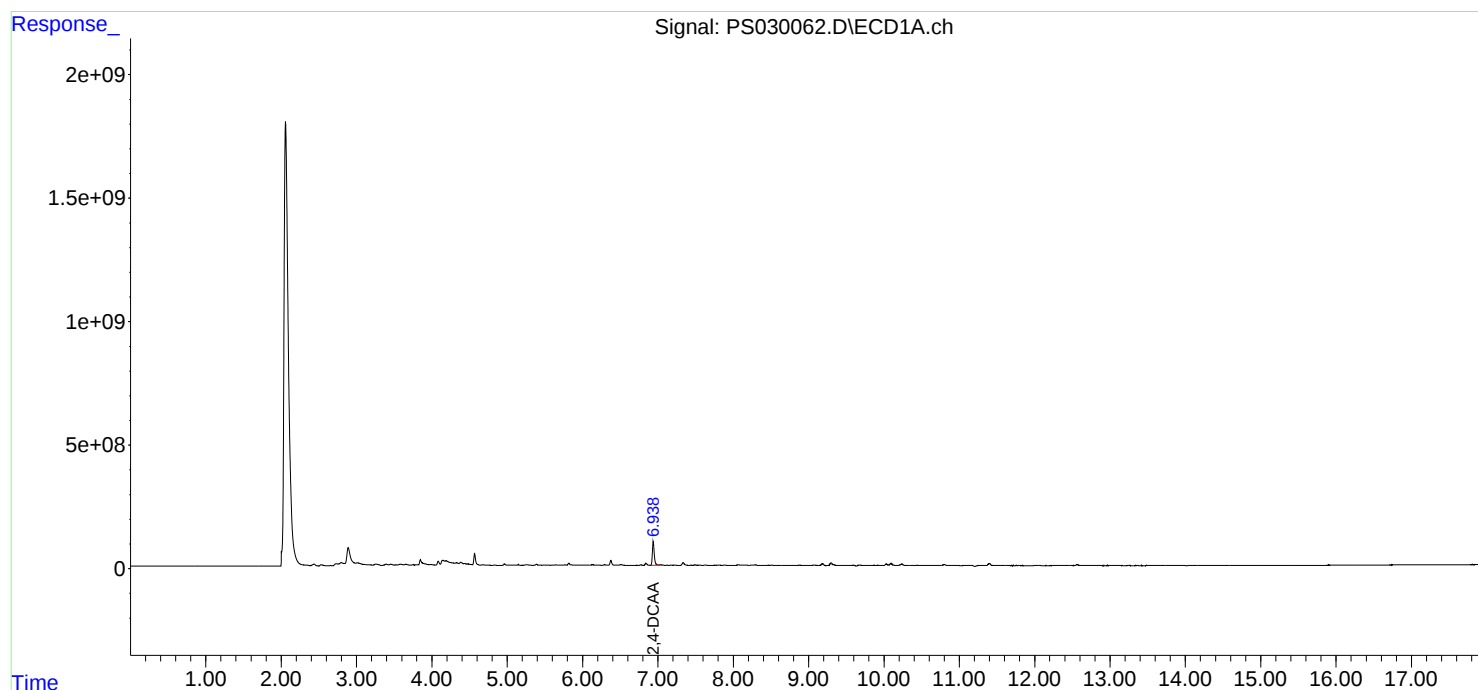
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

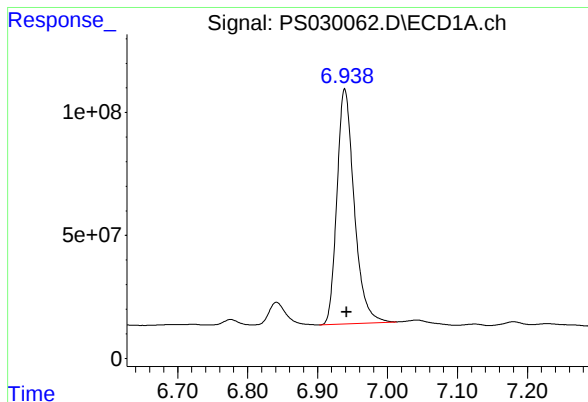
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 15:28
Operator : AR\AJ
Sample : Q1901-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-167-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:57:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.939 min

Delta R.T.: -0.002 min

Response: 1638130787

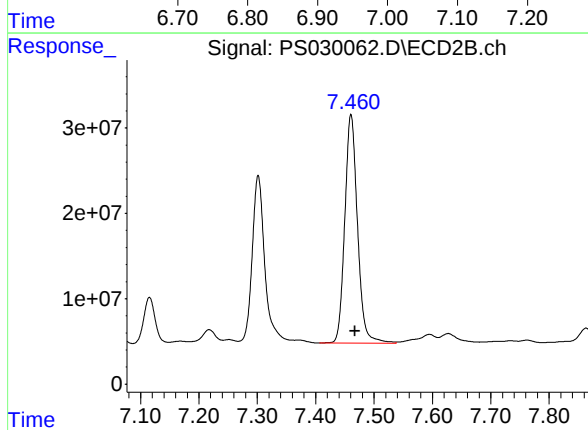
Conc: 665.61 ng/ml

Instrument :

ECD_S

ClientSampleId :

B-167-SB01



#4 2,4-DCAA

R.T.: 7.461 min

Delta R.T.: -0.007 min

Response: 406337939

Conc: 576.76 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030065.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 16:40
Operator : AR\AJ
Sample : Q1901-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-170-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:58:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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System Monitoring Compounds

4) S	2,4-DCAA	6.940	7.461	1684.9E6	395.3E6	684.601	561.095
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Target Compounds

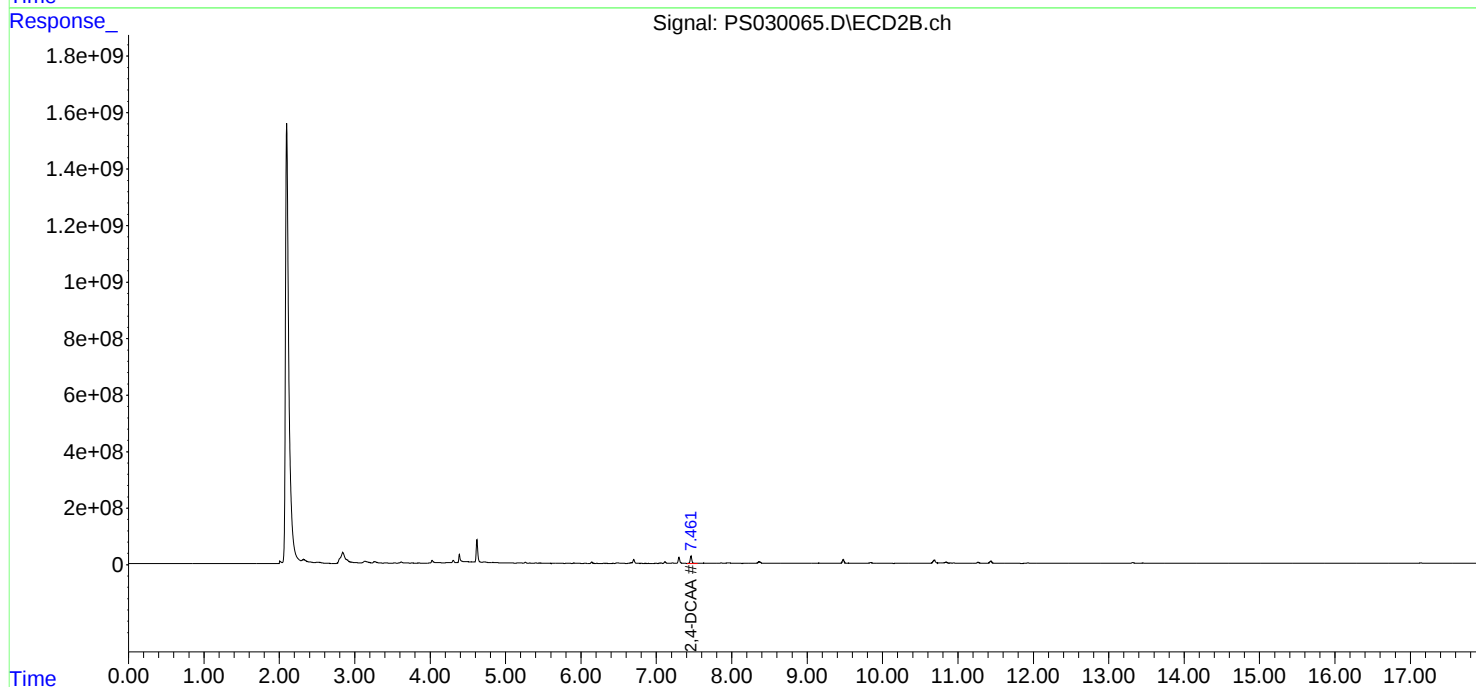
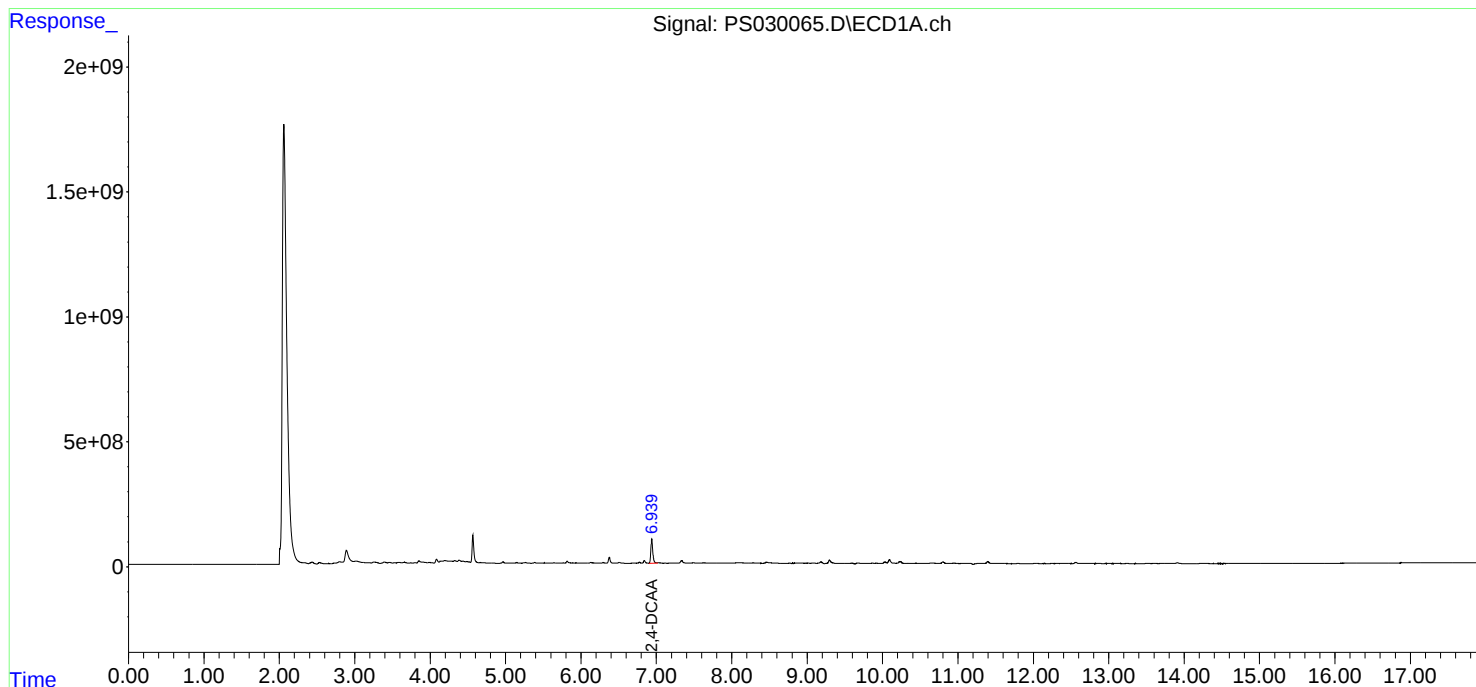
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

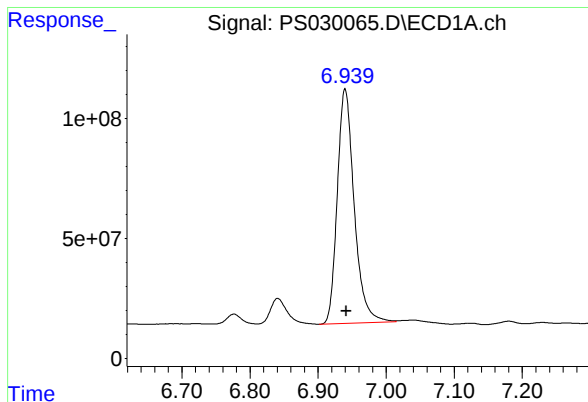
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030065.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 16:40
Operator : AR\AJ
Sample : Q1901-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-170-SB01

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:58:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.940 min

Delta R.T.: -0.002 min

Response: 1684858070

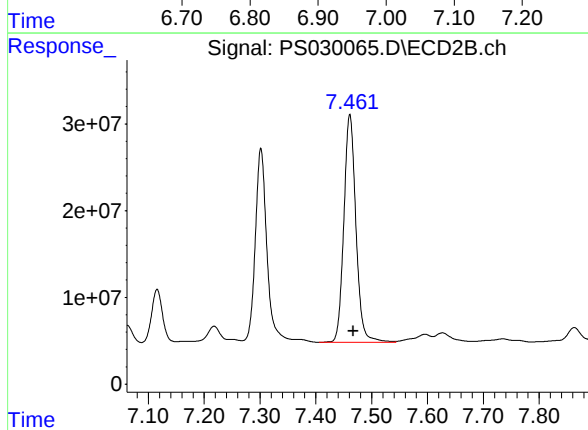
Conc: 684.60 ng/ml

Instrument :

ECD_S

ClientSampleId :

B-170-SB01



#4 2,4-DCAA

R.T.: 7.461 min

Delta R.T.: -0.006 min

Response: 395300887

Conc: 561.09 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030066.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 17:04
 Operator : AR\AJ
 Sample : Q1901-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-167-SB02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 04:49:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.940	7.461	1749.6E6	399.0E6	710.926	566.296

Target Compounds

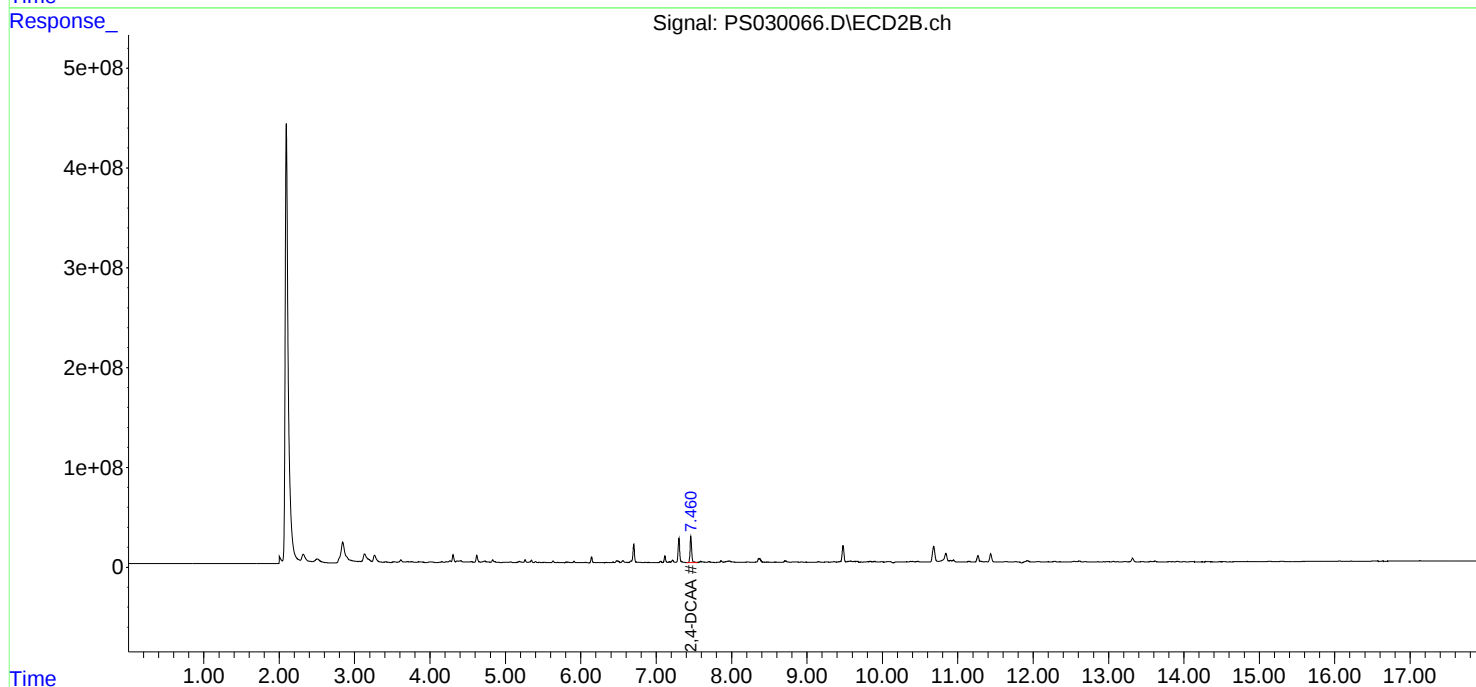
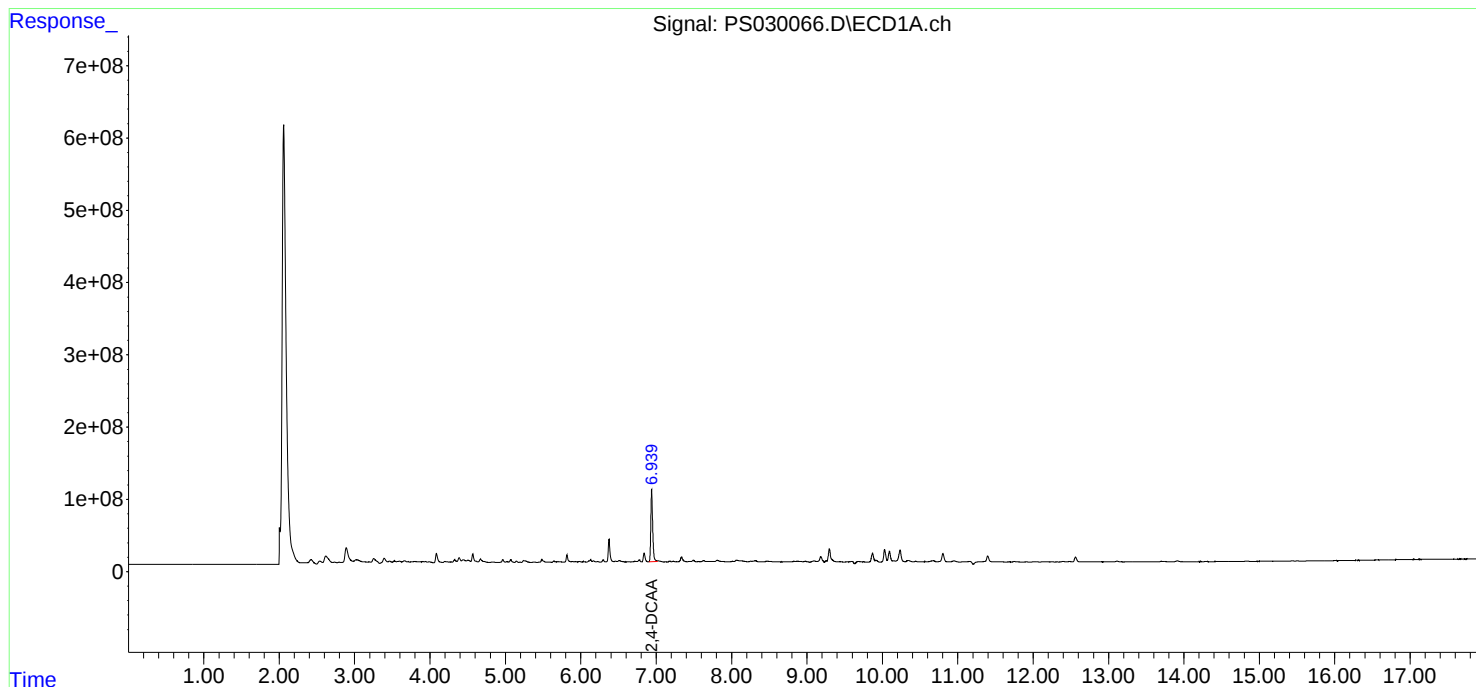
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

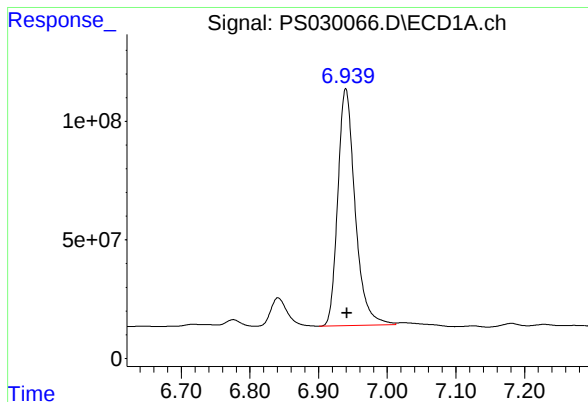
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030066.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 17:04
Operator : AR\AJ
Sample : Q1901-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-167-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 04:49:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.940 min

Delta R.T.: -0.002 min

Response: 1749646003

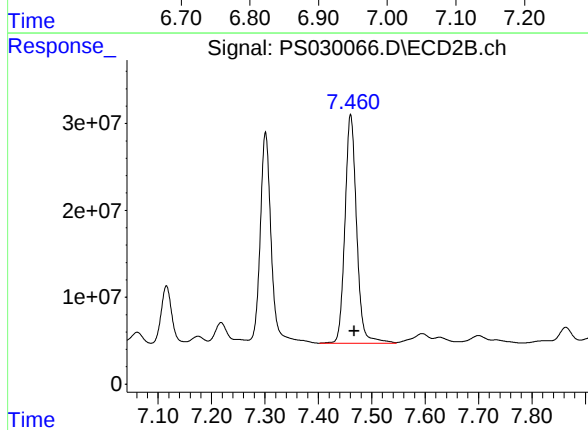
Conc: 710.93 ng/ml

Instrument :

ECD_S

ClientSampleId :

B-167-SB02



#4 2,4-DCAA

R.T.: 7.461 min

Delta R.T.: -0.007 min

Response: 398964905

Conc: 566.30 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030067.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 17:28
 Operator : AR\AJ
 Sample : Q1901-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-170-SB02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 04:50:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.940	7.460	2081.3E6	430.7E6	845.696	611.335 #

Target Compounds

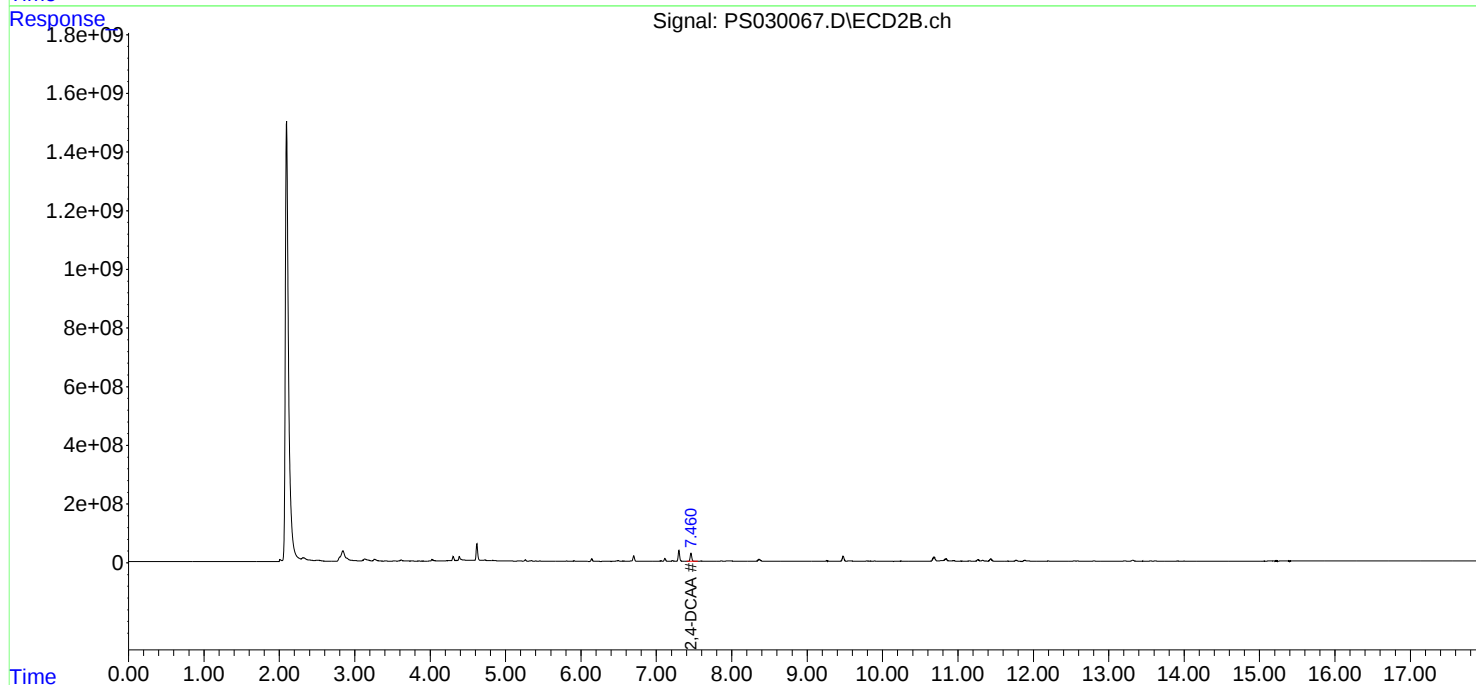
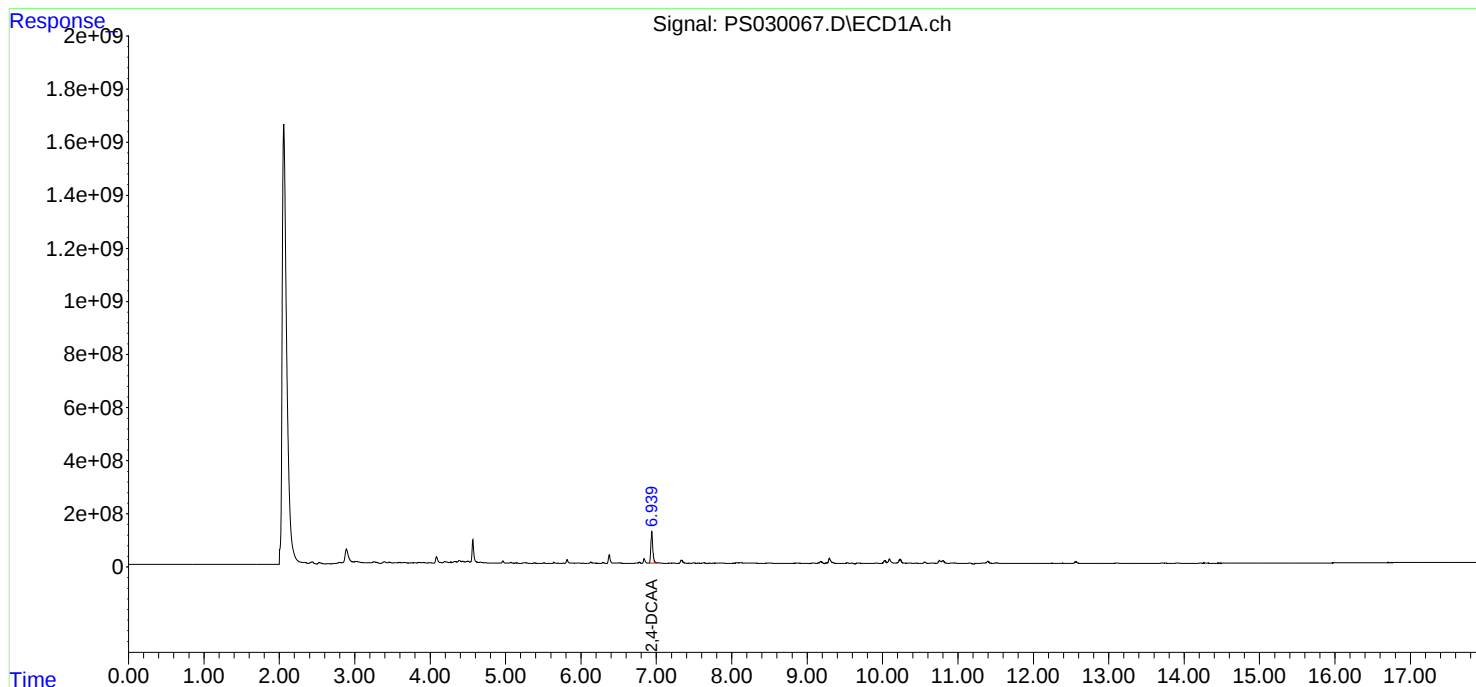
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

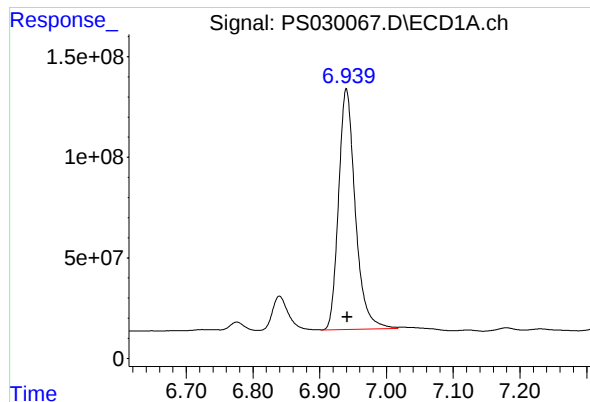
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 17:28
Operator : AR\AJ
Sample : Q1901-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-170-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 04:50:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.940 min

Delta R.T.: -0.001 min

Response: 2081323612

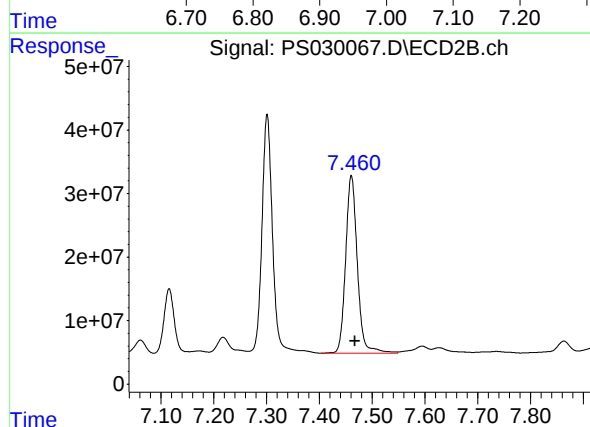
Conc: 845.70 ng/ml

Instrument :

ECD_S

ClientSampleId :

B-170-SB02



#4 2,4-DCAA

R.T.: 7.460 min

Delta R.T.: -0.007 min

Response: 430696150

Conc: 611.34 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 13:03
 Operator : AR\AJ
 Sample : PB167871BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167871BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:25:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.937	7.458	1525.9E6	433.6E6	619.998	615.503

Target Compounds

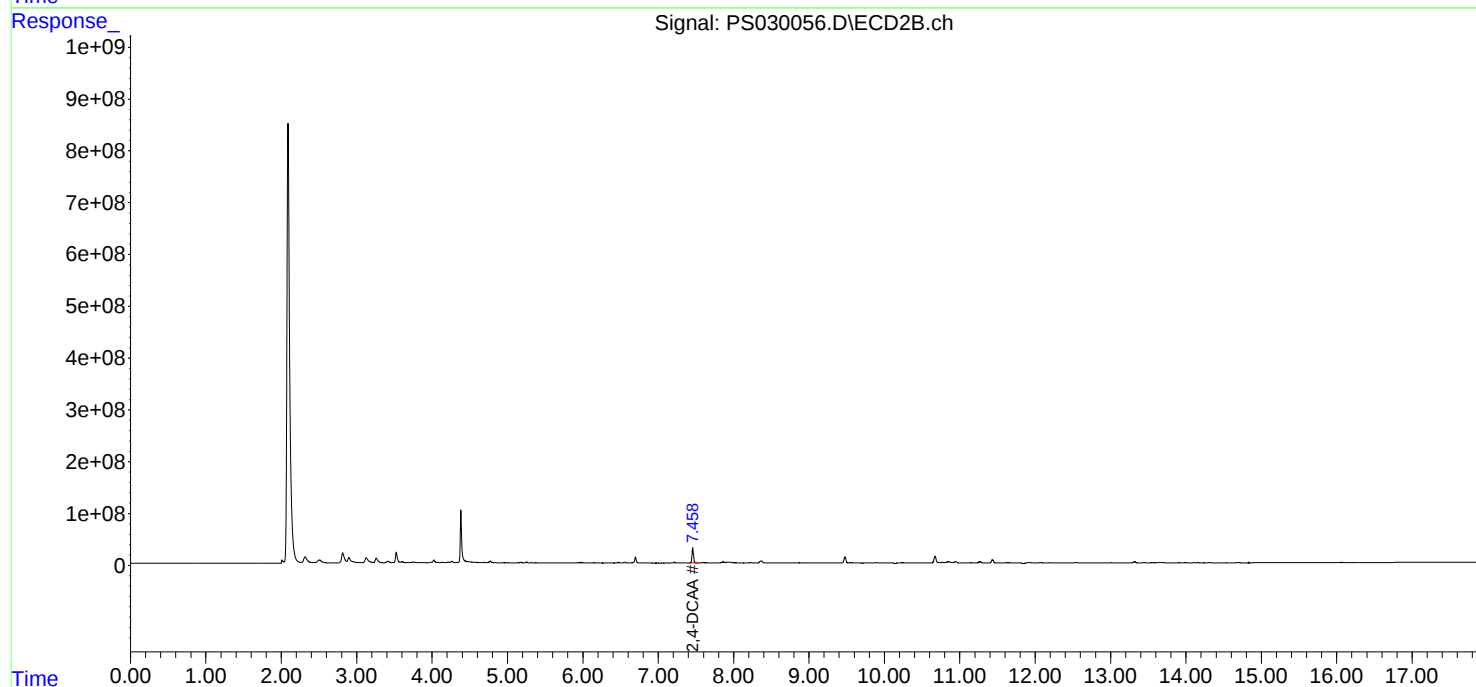
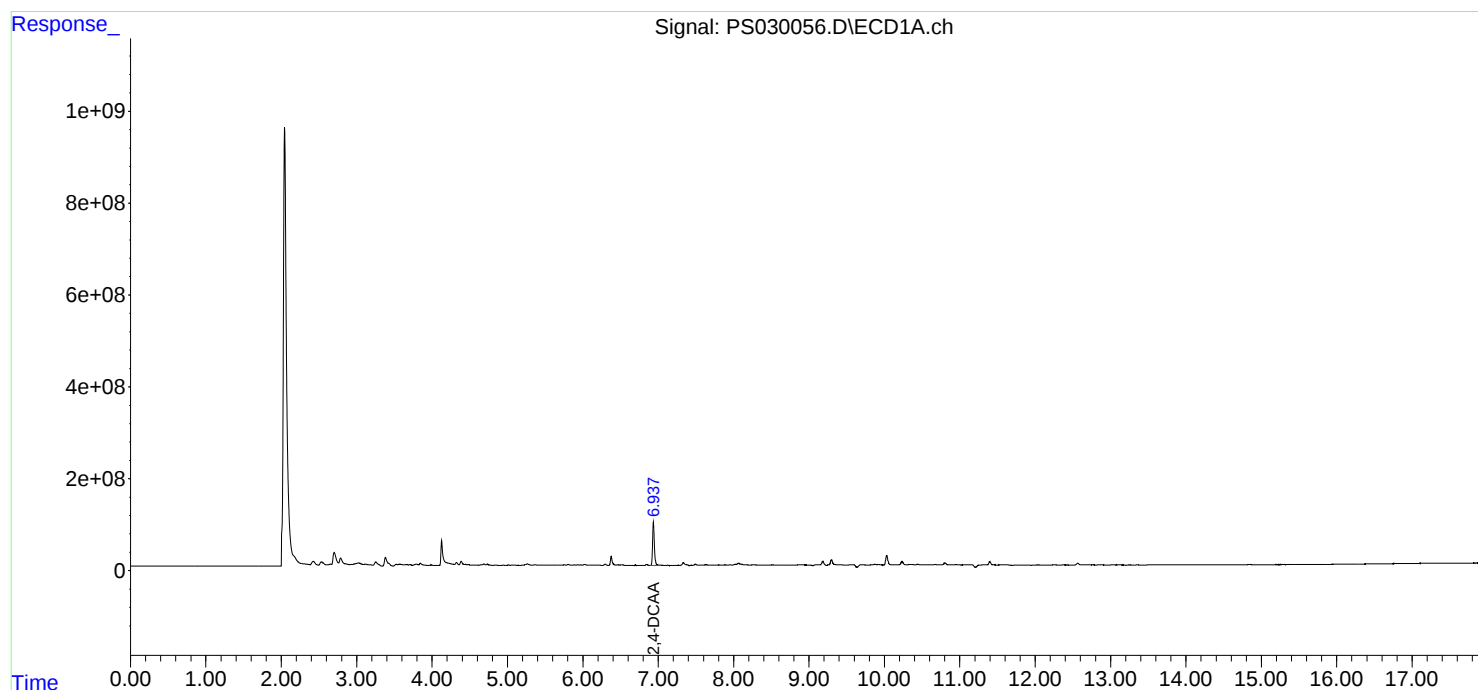
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

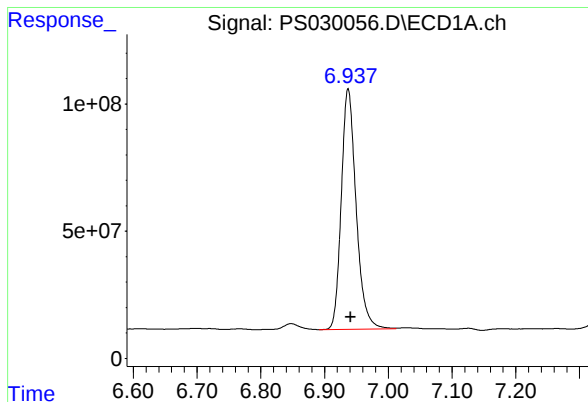
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 13:03
Operator : AR\AJ
Sample : PB167871BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB167871BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:25:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.937 min

Delta R.T.: -0.004 min

Response: 1525863866

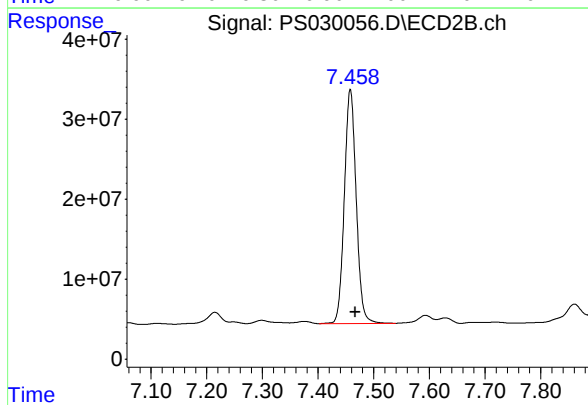
Conc: 620.00 ng/ml

Instrument :

ECD_S

ClientSampleId :

PB167871BL



#4 2,4-DCAA

R.T.: 7.458 min

Delta R.T.: -0.009 min

Response: 433632279

Conc: 615.50 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 13:27
 Operator : AR\AJ
 Sample : PB167871BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB167871BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:26:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.937	7.460	1365.3E6	396.0E6	554.772m	562.022
Target Compounds							
1) T	Dalapon	2.447	2.522	1794.8E6	778.0E6	438.254m	448.126m
2) T	3,5-DICHL...	6.142	6.458	1831.8E6	504.8E6	512.557	516.419
3) T	4-Nitroph...	6.728	6.995	892.6E6	382.0E6	500.554	498.761
5) T	DICAMBA	7.114	7.646	5139.5E6	2090.3E6	518.987	529.175m
6) T	MCPD	7.291	7.753	307.6E6	86545276	47.737	49.484
7) T	MCPA	7.434	7.982	436.7E6	114.3E6	49.452	48.333m
8) T	DICHLORPROP	7.794	8.339	1297.9E6	518.7E6	512.187	516.688m
9) T	2,4-D	8.014	8.652	1454.4E6	593.7E6	517.062	526.714
10) T	Pentachlo...	8.292	9.153	18780.8E6	11268.2E6	538.362	553.862
11) T	2,4,5-TP ...	8.855	9.531	7355.0E6	4446.4E6	530.552	543.458
12) T	2,4,5-T	9.138	9.936	7513.8E6	4133.4E6	534.671	532.473
13) T	2,4-DB	9.696	10.494	1196.7E6	426.0E6	523.627	529.238
14) T	DINOSEB	10.857	10.867	5060.9E6	2987.0E6	497.465m	512.259
15) T	Picloram	10.677	11.902	8962.8E6	5947.0E6	488.955	484.138m
16) T	DCPA	11.159	11.901	9243.7E6	5946.0E6	543.078	527.514m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 13:27
Operator : AR\AJ
Sample : PB167871BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB167871BS

Manual Integrations

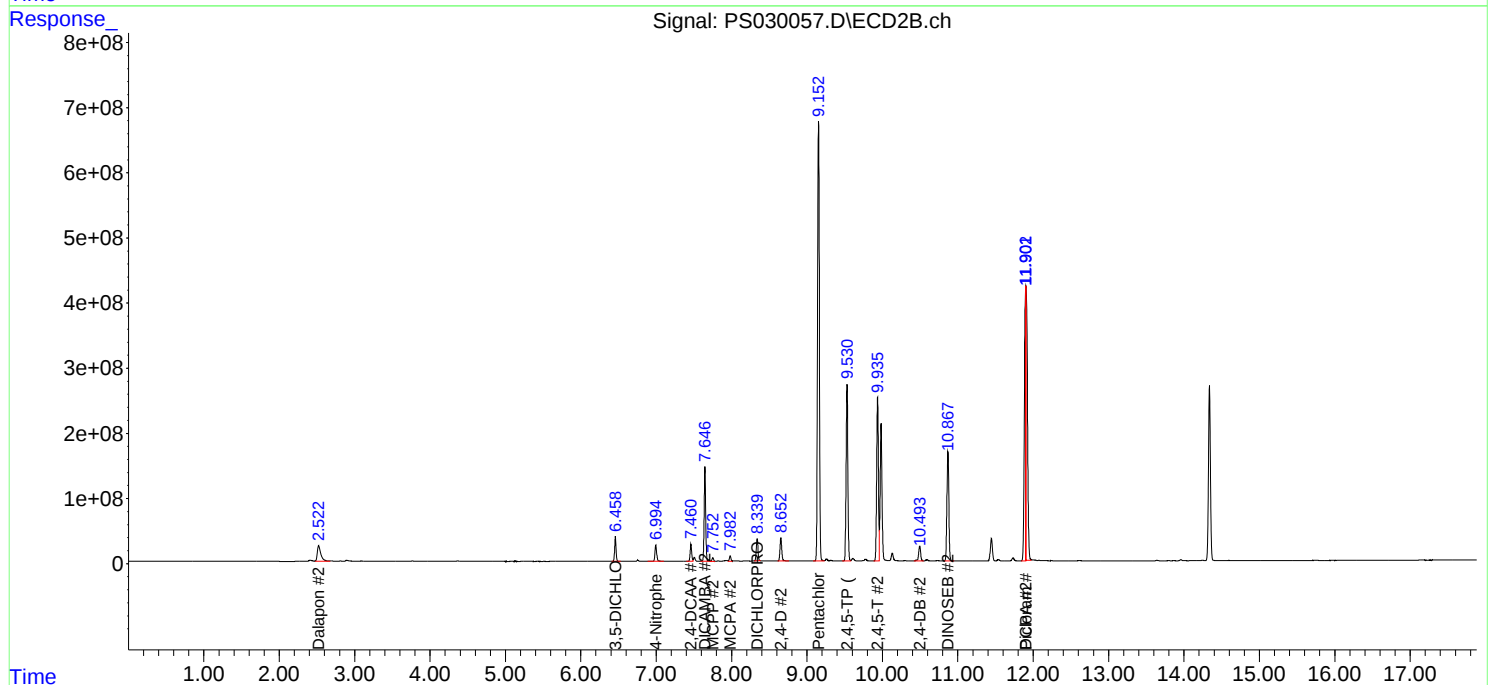
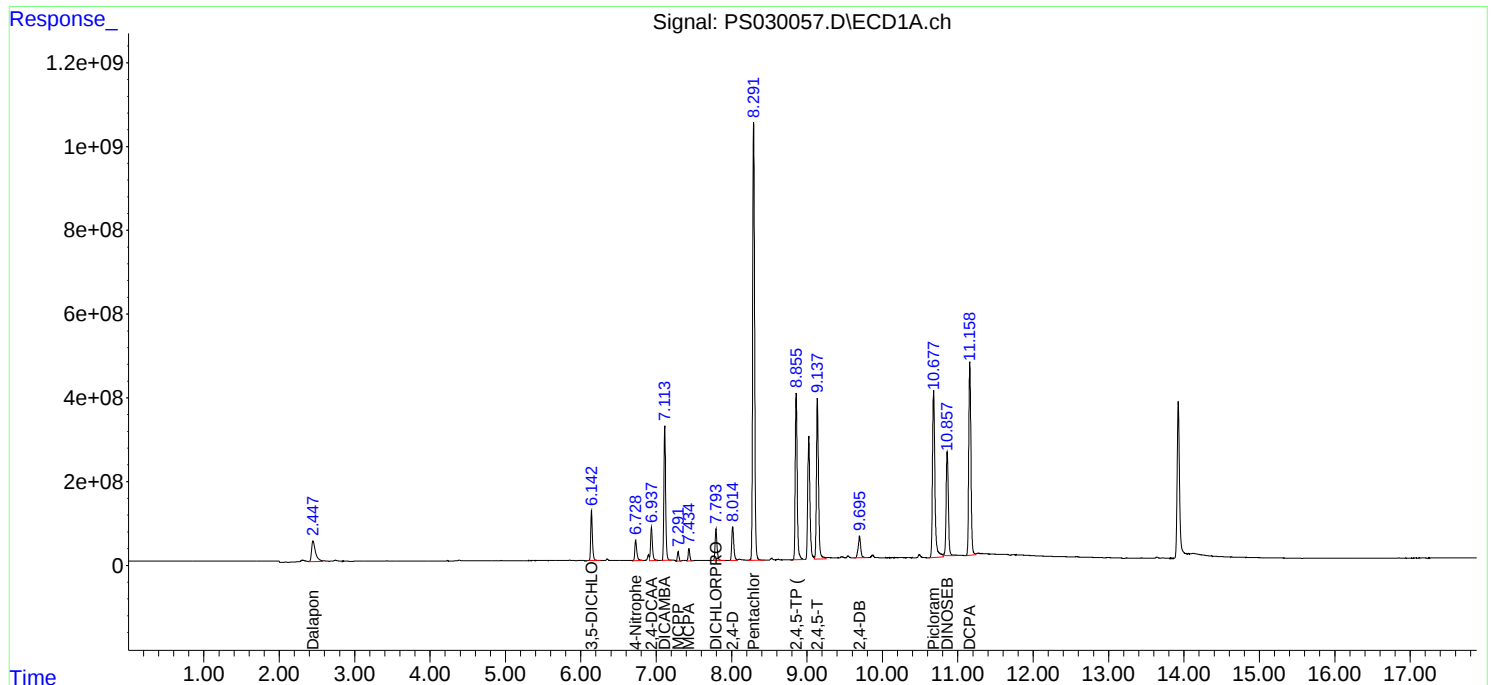
APPROVED

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:26:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030063.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 15:52
 Operator : AR\AJ
 Sample : Q1901-08MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

B-167-SB01MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:57:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.939	7.461	1698.5E6	406.7E6	690.157	577.297
Target Compounds							
1) T	Dalapon	2.447	2.522	1736.4E6	907.4E6	423.991	522.654m
2) T	3,5-DICHL...	6.142	6.458	2061.3E6	575.5E6	576.787	588.668m
3) T	4-Nitroph...	6.732	6.997	10707654	5381930	6.004m	7.027m
5) T	DICAMBA	7.114	7.647	5005.3E6	2264.0E6	505.442	573.163
6) T	MCPD	7.291	7.754	349.3E6	87539688	54.207m	50.053
7) T	MCPA	7.434	7.983	421.8E6	120.0E6	47.760	50.732m
8) T	DICHLORPROP	7.794	8.340	1393.0E6	689.4E6	549.681	686.682m
9) T	2,4-D	8.014	8.652	1805.3E6	717.7E6	641.806	636.803
10) T	Pentachlo...	8.292	9.154	19049.9E6	11319.7E6	546.078	556.393
11) T	2,4,5-TP ...	8.856	9.532	8440.1E6	5185.4E6	608.829	633.780
12) T	2,4,5-T	9.138	9.937	8280.5E6	4625.1E6	589.233	595.822
13) T	2,4-DB	9.697	10.494	1079.4E6	444.1E6	472.316m	551.736m
14) T	DINOSEB	10.859	10.868	4194.5E6	2340.1E6	412.296	401.321
15) T	Picloram	10.678	11.905	8756.5E6	5806.2E6	477.698	472.678m
16) T	DCPA	11.160	11.900	9683.9E6	6317.2E6	568.937	560.450m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 15:52
Operator : AR\AJ
Sample : Q1901-08MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

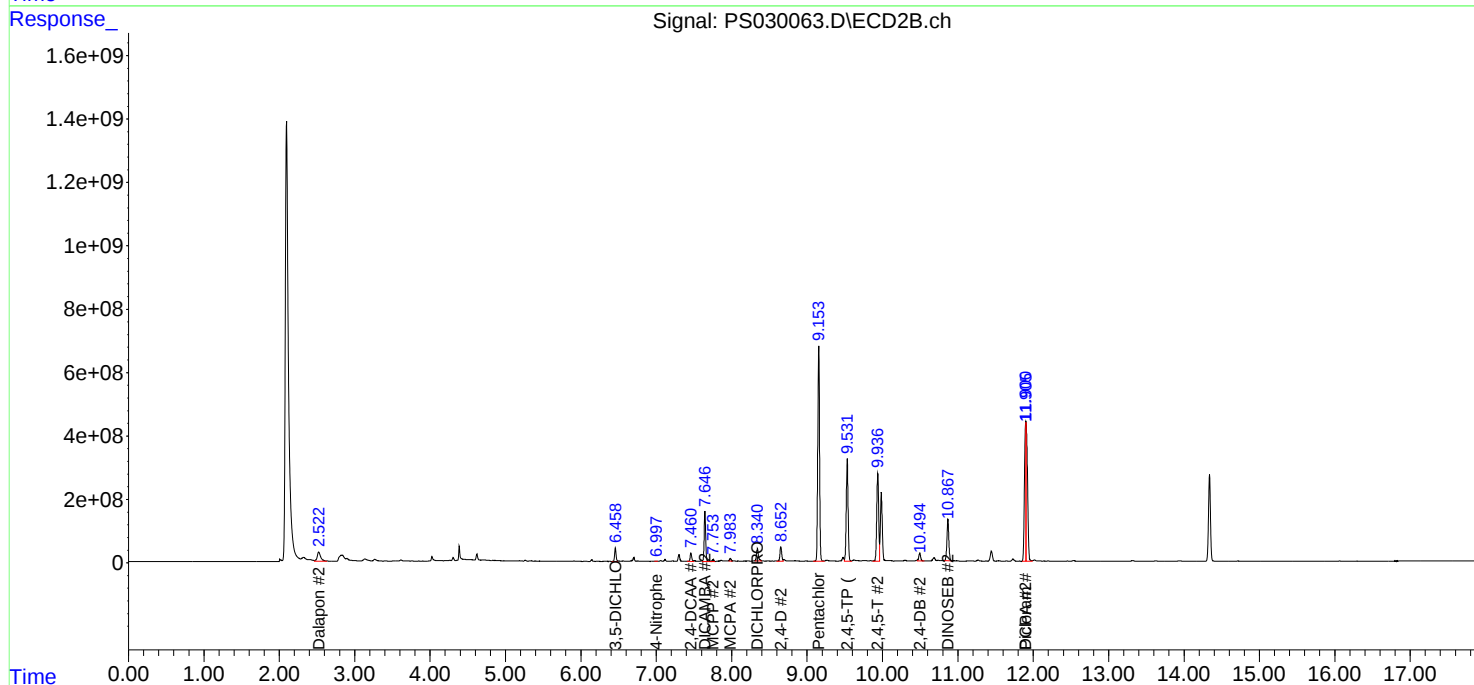
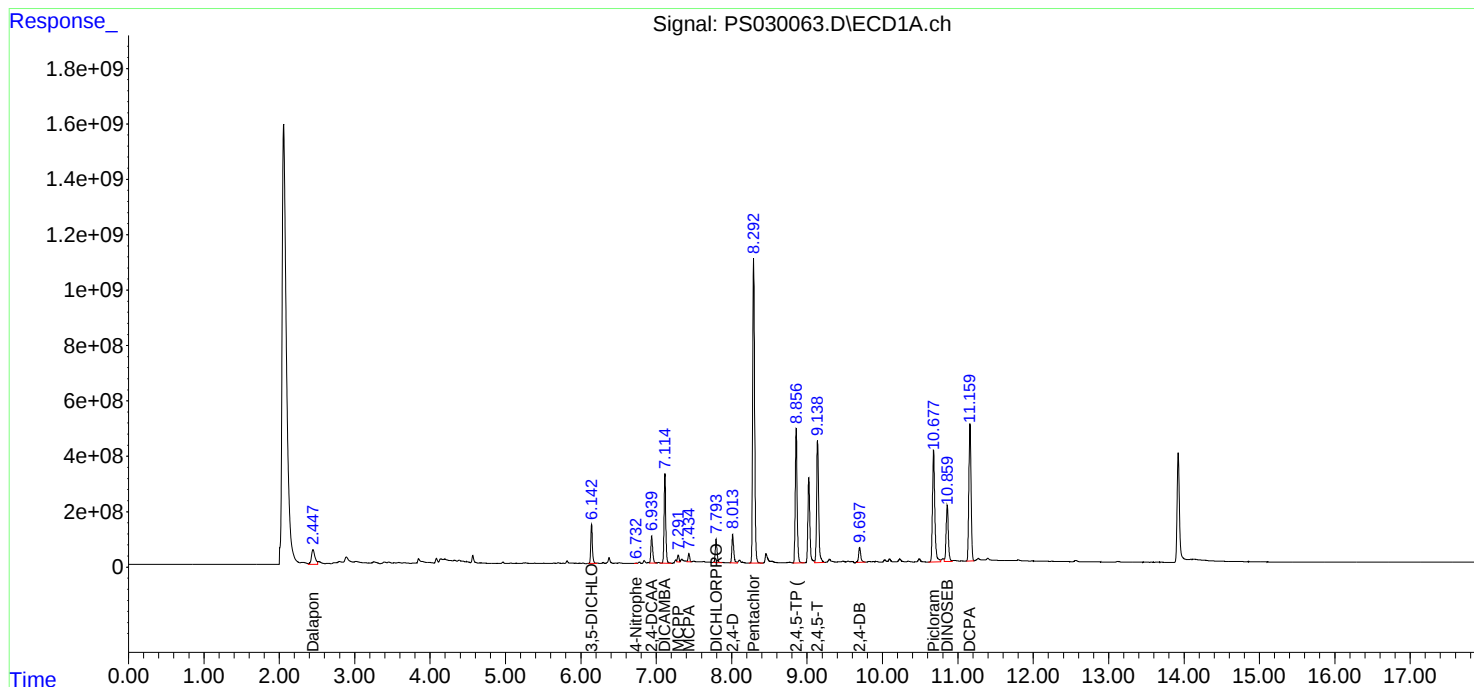
Instrument :
ECD_S
ClientSampleId :
B-167-SB01MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:57:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 16:16
 Operator : AR\AJ
 Sample : Q1901-08MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

B-167-SB01MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:58:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.939	7.461	1701.1E6	415.3E6	691.201m	589.526
Target Compounds							
1) T	Dalapon	2.447	2.522	1791.3E6	856.4E6	437.402	493.283m
2) T	3,5-DICHL...	6.142	6.459	2133.4E6	600.1E6	596.970	613.850
3) T	4-Nitroph...	6.730	6.997	14909010	5649598	8.360	7.376m
5) T	DICAMBA	7.114	7.646	5186.9E6	2361.5E6	523.780	597.831
6) T	MCP	7.291	7.754	457.7E6	91698459	71.033m	52.431 #
7) T	MCPA	7.434	7.982	442.4E6	134.4E6	50.096	56.792m
8) T	DICHLORPROP	7.793	8.339	1444.9E6	713.9E6	570.193	711.074m
9) T	2,4-D	8.013	8.652	1885.5E6	747.1E6	670.295	662.832
10) T	Pentachlo...	8.292	9.153	19451.4E6	11594.1E6	557.587	569.879
11) T	2,4,5-TP ...	8.855	9.532	8785.7E6	5409.3E6	633.761	661.141
12) T	2,4,5-T	9.137	9.936	8613.3E6	4842.1E6	612.909	623.777
13) T	2,4-DB	9.695	10.493	1154.6E6	468.7E6	505.224m	582.352m
14) T	DINOSEB	10.858	10.868	4206.7E6	2346.0E6	413.503	402.332
15) T	Picloram	10.677	11.903	9094.6E6	6520.5E6	496.141	530.831m
16) T	DCPA	11.159	11.901	10091.7E6	5920.2E6	592.897	525.233m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030064.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 16:16
Operator : AR\AJ
Sample : Q1901-08MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

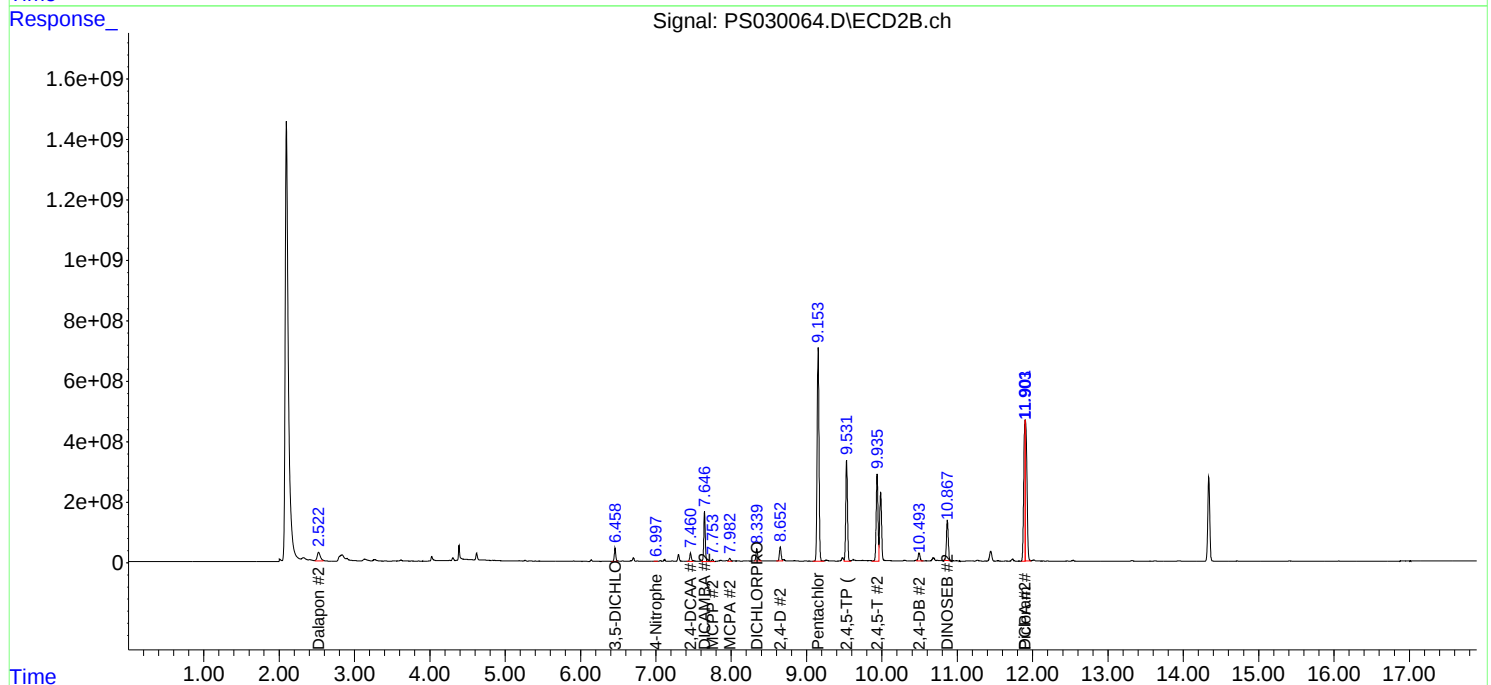
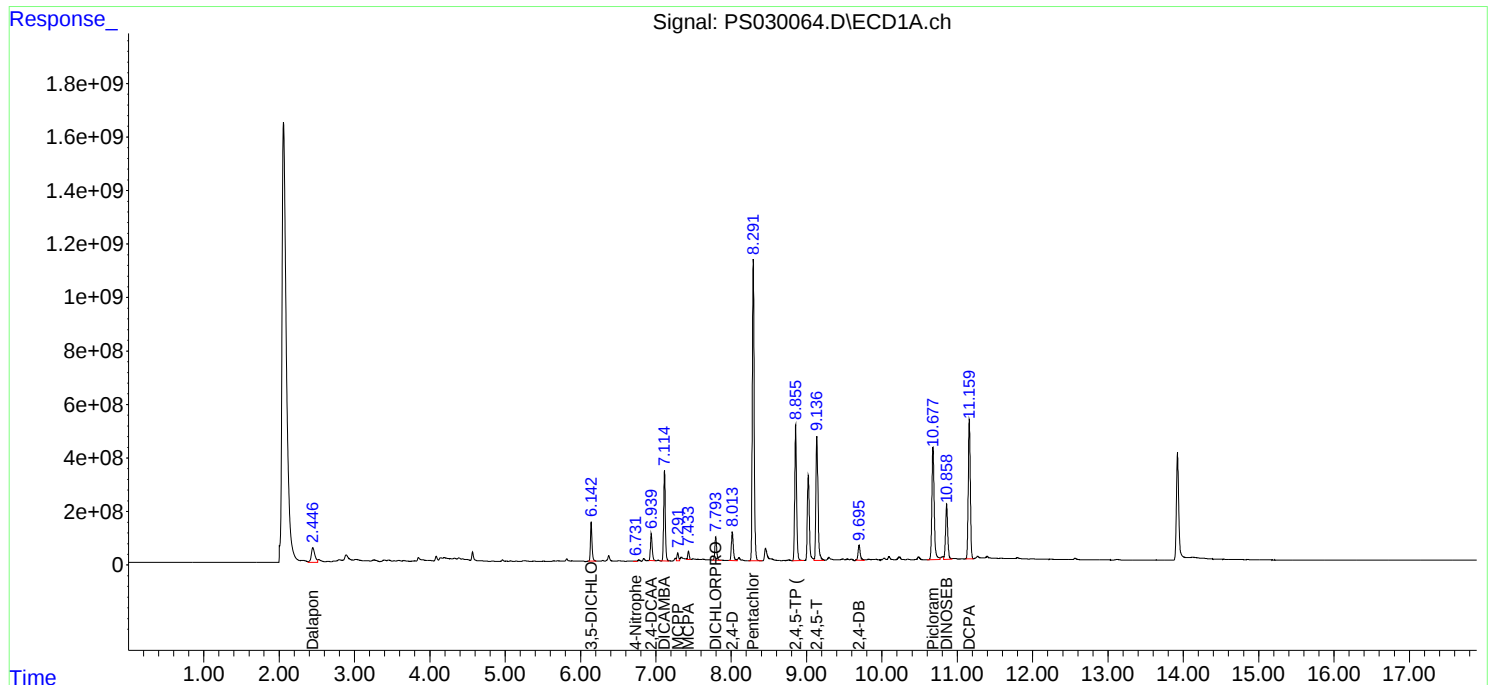
Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2025
Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:58:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PS042325	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS029919.D	Dalapon	Abdul	4/24/2025 8:49:48 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC200	PS029919.D	DCPA #2	Abdul	4/24/2025 8:49:48 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC200	PS029919.D	Picloram #2	Abdul	4/24/2025 8:49:48 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC500	PS029920.D	DCPA #2	Abdul	4/24/2025 8:49:52 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC500	PS029920.D	Picloram #2	Abdul	4/24/2025 8:49:52 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC750	PS029921.D	DCPA #2	Abdul	4/24/2025 8:49:56 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC750	PS029921.D	Picloram #2	Abdul	4/24/2025 8:49:56 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC1000	PS029922.D	DCPA #2	Abdul	4/24/2025 8:49:59 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC1000	PS029922.D	Picloram #2	Abdul	4/24/2025 8:49:59 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC1500	PS029923.D	DCPA #2	Abdul	4/24/2025 8:50:02 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICC1500	PS029923.D	Picloram #2	Abdul	4/24/2025 8:50:02 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICV750	PS029924.D	DCPA #2	Abdul	4/24/2025 8:50:06 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDICV750	PS029924.D	Picloram #2	Abdul	4/24/2025 8:50:06 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software

Manual Integration Report

Sequence:	PS042325	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS029926.D	DCPA #2	Abdul	4/24/2025 8:50:10 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029926.D	Picloram #2	Abdul	4/24/2025 8:50:10 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029935.D	DCPA #2	Abdul	4/24/2025 8:50:13 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029935.D	Picloram #2	Abdul	4/24/2025 8:50:13 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029943.D	DCPA #2	Abdul	4/24/2025 8:50:32 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029943.D	Picloram #2	Abdul	4/24/2025 8:50:32 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029954.D	DCPA #2	Abdul	4/24/2025 8:50:56 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029954.D	DICAMBA #2	Abdul	4/24/2025 8:50:56 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029954.D	MCPP #2	Abdul	4/24/2025 8:50:56 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software
HSTDCCC750	PS029954.D	Picloram #2	Abdul	4/24/2025 8:50:56 AM	mohammad	4/26/2025 2:18:24	Peak Integrated by Software

Manual Integration Report

Sequence:

PS050625

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030052.D	DCPA #2	yogesh	5/7/2025 9:51:43 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030052.D	Picloram #2	yogesh	5/7/2025 9:51:43 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	2,4-DCAA	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	Dalapon	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	Dalapon #2	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	DCPA #2	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	DICAMBA #2	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	DICHLORPROP #2	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	DINOSEB	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	MCPA #2	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
PB167871BS	PS030057.D	Picloram #2	yogesh	5/7/2025 9:51:46 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	2,4,5-T	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	2,4-D #2	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software

Manual Integration Report

Sequence:	PS050625	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030059.D	Dalapon	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	Dalapon #2	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	DCPA #2	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	DICAMBA #2	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	DICHLORPROP #2	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	DINOSEB	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	MCPD	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030059.D	Picloram #2	yogesh	5/7/2025 9:51:48 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	2,4-DB	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	2,4-DB #2	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	3,5-DICHLOROBENZOI C ACID #2	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	4-Nitrophenol	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	4-Nitrophenol #2	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software

Manual Integration Report

Sequence:	PS050625	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1901-08MS	PS030063.D	Dalapon #2	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	DCPA #2	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	DICHLORPROP #2	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	MCPA #2	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	MCPD	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MS	PS030063.D	Picloram #2	yogesh	5/7/2025 9:51:50 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	2,4-DB	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	2,4-DB #2	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	2,4-DCAA	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	4-Nitrophenol #2	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	Dalapon #2	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	DCPA #2	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	DICHLORPROP #2	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software

Manual Integration Report

Sequence:

PS050625

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1901-08MSD	PS030064.D	MCPA #2	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	MCPD	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
Q1901-08MSD	PS030064.D	Picloram #2	yogesh	5/7/2025 9:51:53 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030070.D	DCPA #2	yogesh	5/7/2025 9:51:54 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software
HSTDCCC750	PS030070.D	Picloram #2	yogesh	5/7/2025 9:51:54 AM	mohammad	5/8/2025 2:15:02	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

Review By	Abdul	Review On	4/24/2025 8:51:25 AM
Supervise By	mohammad	Supervise On	4/26/2025 2:18:24 AM
SubDirectory	PS042325	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS029917.D	23 Apr 2025 10:13	AR\AJ	Ok
2	I.BLK	PS029918.D	23 Apr 2025 10:37	AR\AJ	Ok
3	HSTDICC200	PS029919.D	23 Apr 2025 11:01	AR\AJ	Ok,M
4	HSTDICC500	PS029920.D	23 Apr 2025 11:25	AR\AJ	Ok,M
5	HSTDICC750	PS029921.D	23 Apr 2025 11:49	AR\AJ	Ok,M
6	HSTDICC1000	PS029922.D	23 Apr 2025 12:13	AR\AJ	Ok,M
7	HSTDICC1500	PS029923.D	23 Apr 2025 12:37	AR\AJ	Ok,M
8	HSTDICV750	PS029924.D	23 Apr 2025 13:01	AR\AJ	Ok,M
9	I.BLK	PS029925.D	23 Apr 2025 13:25	AR\AJ	Ok
10	HSTDCCC750	PS029926.D	23 Apr 2025 13:50	AR\AJ	Ok,M
11	Q1842-06	PS029927.D	23 Apr 2025 14:14	AR\AJ	Ok
12	Q1842-12	PS029928.D	23 Apr 2025 14:38	AR\AJ	Ok
13	Q1842-18	PS029929.D	23 Apr 2025 15:02	AR\AJ	Ok
14	Q1842-24	PS029930.D	23 Apr 2025 15:26	AR\AJ	Ok
15	Q1842-30	PS029931.D	23 Apr 2025 15:50	AR\AJ	Ok
16	Q1842-36	PS029932.D	23 Apr 2025 16:14	AR\AJ	Ok
17	Q1842-42	PS029933.D	23 Apr 2025 16:38	AR\AJ	Ok
18	I.BLK	PS029934.D	23 Apr 2025 17:02	AR\AJ	Ok
19	HSTDCCC750	PS029935.D	23 Apr 2025 17:26	AR\AJ	Ok,M
20	Q1842-06MS	PS029936.D	23 Apr 2025 18:14	AR\AJ	Ok,M
21	Q1842-06MSD	PS029937.D	23 Apr 2025 18:38	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

Review By	Abdul	Review On	4/24/2025 8:51:25 AM
Supervise By	mohammad	Supervise On	4/26/2025 2:18:24 AM
SubDirectory	PS042325	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

22	PB167675BS	PS029938.D	23 Apr 2025 19:02	AR\AJ	Ok,M
23	PB167701BL	PS029939.D	23 Apr 2025 19:27	AR\AJ	Ok
24	PB167701BS	PS029940.D	23 Apr 2025 19:51	AR\AJ	Ok,M
25	PB167660TB	PS029941.D	23 Apr 2025 20:15	AR\AJ	Ok
26	I.BLK	PS029942.D	23 Apr 2025 20:39	AR\AJ	Ok
27	HSTDCCC750	PS029943.D	23 Apr 2025 21:03	AR\AJ	Ok,M
28	PB167710BL	PS029944.D	23 Apr 2025 21:51	AR\AJ	Ok
29	PB167710BS	PS029945.D	23 Apr 2025 22:15	AR\AJ	Ok,M
30	Q1850-01	PS029946.D	23 Apr 2025 22:39	AR\AJ	Ok
31	Q1852-01	PS029947.D	23 Apr 2025 23:03	AR\AJ	Ok
32	Q1852-03	PS029948.D	23 Apr 2025 23:27	AR\AJ	Ok
33	Q1852-05	PS029949.D	23 Apr 2025 23:51	AR\AJ	Ok,M
34	Q1852-07	PS029950.D	24 Apr 2025 00:15	AR\AJ	Ok,M
35	Q1852-07MS	PS029951.D	24 Apr 2025 00:39	AR\AJ	Ok,M
36	Q1852-07MSD	PS029952.D	24 Apr 2025 01:03	AR\AJ	Ok,M
37	I.BLK	PS029953.D	24 Apr 2025 01:27	AR\AJ	Ok
38	HSTDCCC750	PS029954.D	24 Apr 2025 04:15	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS050625

Review By	Abdul	Review On	5/6/2025 3:18:05 PM
Supervise By	mohammad	Supervise On	5/8/2025 2:15:02 AM
SubDirectory	PS050625	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24066 PP24069,PP24070		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030050.D	06 May 2025 08:34	AR\AJ	Ok
2	I.BLK	PS030051.D	06 May 2025 08:58	AR\AJ	Ok
3	HSTDCCC750	PS030052.D	06 May 2025 09:50	AR\AJ	Ok,M
4	Q1929-03	PS030053.D	06 May 2025 11:27	AR\AJ	Ok,M
5	Q1929-07	PS030054.D	06 May 2025 12:09	AR\AJ	Ok
6	Q1929-11	PS030055.D	06 May 2025 12:33	AR\AJ	Ok
7	PB167871BL	PS030056.D	06 May 2025 13:03	AR\AJ	Ok
8	PB167871BS	PS030057.D	06 May 2025 13:27	AR\AJ	Ok,M
9	I.BLK	PS030058.D	06 May 2025 13:51	AR\AJ	Ok
10	HSTDCCC750	PS030059.D	06 May 2025 14:15	AR\AJ	Ok,M
11	PB167774TB	PS030060.D	06 May 2025 14:40	AR\AJ	Ok
12	PB167815TB	PS030061.D	06 May 2025 15:04	AR\AJ	Ok
13	Q1901-08	PS030062.D	06 May 2025 15:28	AR\AJ	Ok
14	Q1901-08MS	PS030063.D	06 May 2025 15:52	AR\AJ	Ok,M
15	Q1901-08MSD	PS030064.D	06 May 2025 16:16	AR\AJ	Ok,M
16	Q1901-09	PS030065.D	06 May 2025 16:40	AR\AJ	Ok
17	Q1901-10	PS030066.D	06 May 2025 17:04	AR\AJ	Ok
18	Q1901-11	PS030067.D	06 May 2025 17:28	AR\AJ	Ok
19	Q1907-02	PS030068.D	06 May 2025 17:52	AR\AJ	Ok
20	I.BLK	PS030069.D	06 May 2025 18:16	AR\AJ	Ok
21	HSTDCCC750	PS030070.D	06 May 2025 18:40	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

Review By	Abdul	Review On	4/24/2025 8:51:25 AM
Supervise By	mohammad	Supervise On	4/26/2025 2:18:24 AM
SubDirectory	PS042325	HP Acquire Method	HP Processing Method ps042325 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068
CCC Internal Standard/PEM	PP24066
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS029917.D	23 Apr 2025 10:13		AR\AJ	Ok
2	I.BLK	I.BLK	PS029918.D	23 Apr 2025 10:37		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS029919.D	23 Apr 2025 11:01		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS029920.D	23 Apr 2025 11:25		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS029921.D	23 Apr 2025 11:49		AR\AJ	Ok,M
6	HSTDICC1000	HSTDICC1000	PS029922.D	23 Apr 2025 12:13		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS029923.D	23 Apr 2025 12:37		AR\AJ	Ok,M
8	HSTDICV750	ICVPS042325	PS029924.D	23 Apr 2025 13:01		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS029925.D	23 Apr 2025 13:25		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS029926.D	23 Apr 2025 13:50		AR\AJ	Ok,M
11	Q1842-06	PL-714-COMP-08	PS029927.D	23 Apr 2025 14:14		AR\AJ	Ok
12	Q1842-12	PL-714-COMP-09	PS029928.D	23 Apr 2025 14:38		AR\AJ	Ok
13	Q1842-18	PL-714-COMP-10	PS029929.D	23 Apr 2025 15:02		AR\AJ	Ok
14	Q1842-24	PL-714-COMP-11	PS029930.D	23 Apr 2025 15:26		AR\AJ	Ok
15	Q1842-30	PL-714-COMP-12	PS029931.D	23 Apr 2025 15:50		AR\AJ	Ok
16	Q1842-36	PL-714-COMP-13	PS029932.D	23 Apr 2025 16:14		AR\AJ	Ok
17	Q1842-42	PL-714-COMP-14	PS029933.D	23 Apr 2025 16:38		AR\AJ	Ok
18	I.BLK	I.BLK	PS029934.D	23 Apr 2025 17:02		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

Review By	Abdul	Review On	4/24/2025 8:51:25 AM
Supervise By	mohammad	Supervise On	4/26/2025 2:18:24 AM
SubDirectory	PS042325	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

19	HSTDCCC750	HSTDCCC750	PS029935.D	23 Apr 2025 17:26		AR\AJ	Ok,M
20	Q1842-06MS	PL-714-COMP-08MS	PS029936.D	23 Apr 2025 18:14		AR\AJ	Ok,M
21	Q1842-06MSD	PL-714-COMP-08MSD	PS029937.D	23 Apr 2025 18:38	RPD Fail	AR\AJ	Ok,M
22	PB167675BS	PB167675BS	PS029938.D	23 Apr 2025 19:02		AR\AJ	Ok,M
23	PB167701BL	PB167701BL	PS029939.D	23 Apr 2025 19:27		AR\AJ	Ok
24	PB167701BS	PB167701BS	PS029940.D	23 Apr 2025 19:51		AR\AJ	Ok,M
25	PB167660TB	PB167660TB	PS029941.D	23 Apr 2025 20:15		AR\AJ	Ok
26	I.BLK	I.BLK	PS029942.D	23 Apr 2025 20:39		AR\AJ	Ok
27	HSTDCCC750	HSTDCCC750	PS029943.D	23 Apr 2025 21:03		AR\AJ	Ok,M
28	PB167710BL	PB167710BL	PS029944.D	23 Apr 2025 21:51		AR\AJ	Ok
29	PB167710BS	PB167710BS	PS029945.D	23 Apr 2025 22:15		AR\AJ	Ok,M
30	Q1850-01	CONCRETE-PILE-N-C	PS029946.D	23 Apr 2025 22:39		AR\AJ	Ok
31	Q1852-01	ETGI-354	PS029947.D	23 Apr 2025 23:03		AR\AJ	Ok
32	Q1852-03	72-11977	PS029948.D	23 Apr 2025 23:27		AR\AJ	Ok
33	Q1852-05	ETGI-278	PS029949.D	23 Apr 2025 23:51		AR\AJ	Ok,M
34	Q1852-07	72-12013	PS029950.D	24 Apr 2025 00:15		AR\AJ	Ok,M
35	Q1852-07MS	72-12013MS	PS029951.D	24 Apr 2025 00:39	Some compound recovery fail	AR\AJ	Ok,M
36	Q1852-07MSD	72-12013MSD	PS029952.D	24 Apr 2025 01:03	Some compound recovery fail, RPD fail.	AR\AJ	Ok,M
37	I.BLK	I.BLK	PS029953.D	24 Apr 2025 01:27		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

Review By	Abdul	Review On	4/24/2025 8:51:25 AM
Supervise By	mohammad	Supervise On	4/26/2025 2:18:24 AM
SubDirectory	PS042325	HP Acquire Method	HP Processing Method ps042325 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068
CCC Internal Standard/PEM	PP24066
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070

38	HSTDCCC750	HSTDCCC750	PS029954.D	24 Apr 2025 04:15	All comp fail in 2nd column Except comp#1,6,15,16	AR\AJ	Ok,M
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M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS050625

Review By	Abdul	Review On	5/6/2025 3:18:05 PM
Supervise By	mohammad	Supervise On	5/8/2025 2:15:02 AM
SubDirectory	PS050625	HP Acquire Method	HP Processing Method ps042325 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24066 PP24069,PP24070

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030050.D	06 May 2025 08:34		AR\AJ	Ok
2	I.BLK	I.BLK	PS030051.D	06 May 2025 08:58		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030052.D	06 May 2025 09:50		AR\AJ	Ok,M
4	Q1929-03	WC-A4-02-C	PS030053.D	06 May 2025 11:27		AR\AJ	Ok,M
5	Q1929-07	WC-A1-03-C	PS030054.D	06 May 2025 12:09		AR\AJ	Ok
6	Q1929-11	WC-A1-04-C	PS030055.D	06 May 2025 12:33		AR\AJ	Ok
7	PB167871BL	PB167871BL	PS030056.D	06 May 2025 13:03		AR\AJ	Ok
8	PB167871BS	PB167871BS	PS030057.D	06 May 2025 13:27		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS030058.D	06 May 2025 13:51		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS030059.D	06 May 2025 14:15		AR\AJ	Ok,M
11	PB167774TB	PB167774TB	PS030060.D	06 May 2025 14:40		AR\AJ	Ok
12	PB167815TB	PB167815TB	PS030061.D	06 May 2025 15:04		AR\AJ	Ok
13	Q1901-08	B-167-SB01	PS030062.D	06 May 2025 15:28		AR\AJ	Ok
14	Q1901-08MS	B-167-SB01MS	PS030063.D	06 May 2025 15:52	Comp#5,8 recovery fail	AR\AJ	Ok,M
15	Q1901-08MSD	B-167-SB01MSD	PS030064.D	06 May 2025 16:16	Comp#5,6,8 recovery fail , RPD Fail	AR\AJ	Ok,M
16	Q1901-09	B-170-SB01	PS030065.D	06 May 2025 16:40		AR\AJ	Ok
17	Q1901-10	B-167-SB02	PS030066.D	06 May 2025 17:04		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS050625

Review By	Abdul	Review On	5/6/2025 3:18:05 PM
Supervise By	mohammad	Supervise On	5/8/2025 2:15:02 AM
SubDirectory	PS050625	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

18	Q1901-11	B-170-SB02	PS030067.D	06 May 2025 17:28		AR\AJ	Ok
19	Q1907-02	CO-8R-WC	PS030068.D	06 May 2025 17:52		AR\AJ	Ok
20	I.BLK	I.BLK	PS030069.D	06 May 2025 18:16		AR\AJ	Ok
21	HSTDCCC750	HSTDCCC750	PS030070.D	06 May 2025 18:40		AR\AJ	Ok,M

M : Manual Integration

SOP ID :	M1311-TCLP-15	
SDG No :	N/A	Start Prep Date : 04/29/2025 Time : 17:20
Welgh By :	JP	End Prep Date : 04/30/2025 Time : 11:30
Balance ID :	WC SC-7	Combination Ratio : 20
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch : ¹⁰ N/A
Extraction By :	JP	Initial Room Temperature: 23 °C
Filter By :	JP	Final Room Temperature: 22 °C
Pippete ID :	WC	TCLP Technician Signature : <i>[Signature]</i>
Tumbler ID :	T-1 / T-2	Supervisor By : <i>12</i>
TCLP Filter ID :	115525	

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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	WP112795
HCL-TCLP,1N	N/A	WP112797
HNO3-TCLP,1N	N/A	WP112799
pH Strips	N/A	W1931,W1934,W3171,W3172
pH Strips	W1940,W1941,W1942	W3166,W1938,W1939,
1 Liter Amber	N/A	90924-08
120ml Plastic bottle	N/A	2738
1:1 HNO3	N/A	MP84041

Extraction Conformance/Non-Conformance Comments:

Matrix spikes are added after filtration and before preservation. TUMBLER T-1 /T-2 checked,30 rpm. Particle size reduction is not required. q1894-01,02 and 03 we receive limited volume so no fluid determentation. Q1901-08 IS USED FOR MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/30/25 13:00	<i>JP</i> <i>Lab Room</i>	<i>[Signature]</i> <i>RJL/EHL</i>
	Preparation Group	Analysis Group <i>[Signature]</i>

TCLP EXTRACTION LOGPAGE

PB167774

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167774TB	LEB774	21	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q1894-01	PAINTED-GROUND-PIPE--1	01	25.00	500	N/A	N/A	N/A	5.5	1.0	T-1
Q1894-02	PAINTED-GROUND-PIPE-2	02	35.00	700	N/A	N/A	N/A	5.6	1.5	T-1
Q1894-03	PAINTED-GROUND-PIPE-3	03	34.00	680	N/A	N/A	N/A	5.6	1.5	T-1
Q1901-08	B-167-SB01	04	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1901-09	B-170-SB01	05	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1901-10	B-167-SB02	06	100.04	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1901-11	B-170-SB02	07	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1904-02	VNJ-210	08	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1905-04	MH-G	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q1905-08	MH-H	10	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1906-04	WC-4	11	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q1906-08	WC-5	12	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q1906-12	WC-6	13	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q1906-16	WC-7	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q1907-02	CO-8R-WC	15	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q1912-04	MH-E	16	100.03	2000	N/A	N/A	N/A	4.5	1.0	T-2
Q1912-08	MH-F	17	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-2
Q1913-01	WC-12-S-202504	18	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
Q1913-03	WC-13-S-202504	19	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q1915-01	WC-04282025	20	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB167774TB	LEB774	N/A	N/A	N/A	N/A	N/A	N/A
Q1894-01	PAINTED-GROUND-PIPE--1	N/A	N/A	N/A	N/A	100	N/A
Q1894-02	PAINTED-GROUND-PIPE-2	N/A	N/A	N/A	N/A	100	N/A
Q1894-03	PAINTED-GROUND-PIPE-3	N/A	N/A	N/A	N/A	100	N/A
Q1901-08	B-167-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1901-09	B-170-SB01	N/A	N/A	N/A	N/A	100	N/A
Q1901-10	B-167-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1901-11	B-170-SB02	N/A	N/A	N/A	N/A	100	N/A
Q1904-02	VNJ-210	N/A	N/A	N/A	N/A	100	N/A
Q1905-04	MH-G	N/A	N/A	N/A	N/A	100	N/A
Q1905-08	MH-H	N/A	N/A	N/A	N/A	100	N/A
Q1906-04	WC-4	N/A	N/A	N/A	N/A	100	N/A
Q1906-08	WC-5	N/A	N/A	N/A	N/A	100	N/A
Q1906-12	WC-6	N/A	N/A	N/A	N/A	100	N/A
Q1906-16	WC-7	N/A	N/A	N/A	N/A	100	N/A
Q1907-02	CO-8R-WC	N/A	N/A	N/A	N/A	100	N/A
Q1912-04	MH-E	N/A	N/A	N/A	N/A	100	N/A
Q1912-08	MH-F	N/A	N/A	N/A	N/A	100	N/A
Q1913-01	WC-12-S-202504	N/A	N/A	N/A	N/A	100	N/A
Q1913-03	WC-13-S-202504	N/A	N/A	N/A	N/A	100	N/A
Q1915-01	WC-04282025	N/A	N/A	N/A	N/A	100	N/A

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

SampleID	ClientID	Sample Weight (g)	Volume DI Water (mL)	PH after 5 min stir	PH after 10 min stir	Extraction Fluid 1 or 2	pH Extraction Fluid
PB167774TB	LEB774	N/A	N/A	N/A	N/A	N/A	N/A
Q1894-01	PAINTED-GROUND-PIPE--1	N/A	N/A	N/A	N/A	N/A	N/A
Q1894-02	PAINTED-GROUND-PIPE-2	N/A	N/A	N/A	N/A	N/A	N/A
Q1894-03	PAINTED-GROUND-PIPE-3	N/A	N/A	N/A	N/A	N/A	N/A
Q1901-08	B-167-SB01	5.02	96.5	8.4	3.0	#1	4.93
Q1901-09	B-170-SB01	5.01	96.5	9.0	4.0	#1	4.93
Q1901-10	B-167-SB02	5.02	96.5	7.0	3.5	#1	4.93
Q1901-11	B-170-SB02	5.03	96.5	8.2	3.5	#1	4.93
Q1904-02	VNJ-210	5.04	96.5	8.4	3.0	#1	4.93
Q1905-04	MH-G	5.03	96.5	5.6	1.5	#1	4.93
Q1905-08	MH-H	5.02	96.5	6.0	2.0	#1	4.93
Q1906-04	WC-4	5.03	96.5	7.6	2.5	#1	4.93
Q1906-08	WC-5	5.02	96.5	7.0	2.5	#1	4.93
Q1906-12	WC-6	5.01	96.5	6.6	2.0	#1	4.93
Q1906-16	WC-7	5.02	96.5	6.6	2.0	#1	4.93
Q1907-02	CO-8R-WC	5.02	96.5	8.4	3.0	#1	4.93
Q1912-04	MH-E	5.01	96.5	6.6	2.0	#1	4.93
Q1912-08	MH-F	5.02	96.5	6.4	2.0	#1	4.93
Q1913-01	WC-12-S-202504	5.02	96.5	8.2	3.5	#1	4.93
Q1913-03	WC-13-S-202504	5.01	96.5	8.0	3.0	#1	4.93
Q1915-01	WC-04282025	5.02	96.5	8.4	3.5	#1	4.93

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q1907

WorkList ID : 189188

Department : TCLP Extraction

Date : 04-29-2025 07:58:37

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1913-01	WC-12-S-202504	Solid	TCLP Extraction	Cool 4 deg C	AECO02	L21	04/29/2025	1311
Q1913-03	WC-13-S-202504	Solid	TCLP Extraction	Cool 4 deg C	AECO02	L21	04/29/2025	1311
Q1915-01	WC-04282025	Solid	TCLP Extraction	Cool 4 deg C	CAMP02	L41	04/28/2025	1311
Q1901-08	B-167-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311
Q1901-09	B-170-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311
Q1901-10	B-167-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311
Q1901-11	B-170-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	L51	04/26/2025	1311
Q1894-01	PAINTED-GROUND-PIPE--1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/28/2025	1311
Q1894-02	PAINTED-GROUND-PIPE-2	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/28/2025	1311
Q1894-03	PAINTED-GROUND-PIPE-3	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	04/28/2025	1311
Q1904-02	VNJ-210	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1905-04	MH-G	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	04/28/2025	1311
Q1905-08	MH-H	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	04/28/2025	1311
Q1906-04	WC-4	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1906-08	WC-5	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1906-12	WC-6	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1906-16	WC-7	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L41	04/28/2025	1311
Q1912-04	MH-E	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	04/29/2025	1311
Q1912-08	MH-F	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L51	04/29/2025	1311
Q1907-02	CO-8R-WC	Solid	TCLP Extraction	Cool 4 deg C	WALS01		04/28/2025	1311

Date/Time 04/29/25 17:00

Raw Sample Received by: SP (WOC)

Raw Sample Relinquished by: JDCSM

Date/Time 04/29/25 19:30

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: SP (WOC)

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,7

Extraction Start Date : 05/05/2025

Extraction Start Time : 08:50

Extraction End Date : 05/05/2025

Extraction End Time : 15:55

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24484
Surrogate	1.0ML	5000 PPB	PP24424
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
Ether	N/A	E3881
Acidified Na2SO4	N/A	EP2576
12N H2SO4	N/A	EP2605
NAOH 6N	N/A	EP2606
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2608
Hexane	N/A	E3933
NACL	N/A	M4459
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:

pH Adjusted with 6N NaOH>12 prior to Hydrolysis, PH adjusted with cold 12N H2SO4<2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 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
5/5/25	RS (E4-Lab.)	R. P. 12/12/25 Lab
16:00	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/05/2025

Sample ID	Client Sample ID	Test	g (mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167774TB	PB167774TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			SEP-1
PB167815TB	PB167815TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			2
PB167871BL	HBLK871	TCLP Herbicide	1000	6	RUPESH	ritesh	10			3
PB167871BS	HLCS871	TCLP Herbicide	1000	6	RUPESH	ritesh	10			4
Q1901-08	B-167-SB01	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		5
Q1901-08MS	B-167-SB01MS	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		6
Q1901-08MS D	B-167-SB01MSD	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		7
Q1901-09	B-170-SB01	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		8
Q1901-10	B-167-SB02	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		9
Q1901-11	B-170-SB02	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		10
Q1907-02	CO-8R-WC	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		11
Q1929-03	WC-A4-02-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		12
Q1929-07	WC-A1-03-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		13
Q1929-11	WC-A1-04-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		14

* Extracts relinquished on the same date as received.

TCLP EXTRACTION LOGPAGE

PB16777

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Pre Pos
PB167774TB	LEB774	21	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q1894-01	PAINTED-GROUND-PIPE--1	01	25.00	500	N/A	N/A	N/A	5.5	1.0	T-1
Q1894-02	PAINTED-GROUND-PIPE-2	02	35.00	700	N/A	N/A	N/A	5.6	1.5	T-1
Q1894-03	PAINTED-GROUND-PIPE-3	03	34.00	680	N/A	N/A	N/A	5.6	1.5	T-1
Q1901-08	B-167-SB01	04	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1901-09	B-170-SB01	05	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1901-10	B-167-SB02	06	100.04	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q1901-11	B-170-SB02	07	100.02	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1904-02	VNJ-210	08	100.03	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1905-04	MH-G	09	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q1905-08	MH-H	10	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1906-04	WC-4	11	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-2
Q1906-08	WC-5	12	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-2
Q1906-12	WC-6	13	100.02	2000	N/A	N/A	N/A	5.0	1.0	T-2
Q1906-16	WC-7	14	100.03	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q1907-02	CO-8R-WC	15	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-2
Q1912-04	MH-E	16	100.03	2000	N/A	N/A	N/A	4.5	1.0	T-2
Q1912-08	MH-F	17	100.02	2000	N/A	N/A	N/A	4.0	1.5	T-2
Q1913-01	WC-12-S-202504	18	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2
Q1913-03	WC-13-S-202504	19	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q1915-01	WC-04282025	20	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-2

04/30/25
13:00

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB167815TB	LEB815	19	N/A	2000	N/A	N/A	N/A	4.94	1.5	T-2
Q1865-08	SOM-25-00051	01	100.02	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q1916-04	WC-12	02	100.03	2000	N/A	N/A	N/A	5.6	1.5	T-1
Q1917-04	MH-JJ	03	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q1922-04	MH-R	04	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q1922-08	MH-S	05	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1
Q1925-01	AUD-25-0068	06	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1925-02	AUD-25-0069	07	100.01	2000	N/A	N/A	N/A	7.0	1.5	T-1
Q1925-03	AUD-25-0070	08	100.02	2000	N/A	N/A	N/A	7.2	1.0	T-1
Q1928-04	MH-Q	09	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q1929-03	WC-AA-02-C	10	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q1929-07	WC-AA-03-C	11	100.03	2000	N/A	N/A	N/A	11.5	1.5	T-2
Q1929-11	WC-AA-04-C	12	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-2
Q1932-02	COMP-4	13	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q1932-04	COMP-5	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q1932-06	COMP-6	15	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-2
Q1932-08	COMP-7	16	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q1935-04	MH-NN	17	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-2
Q1935-08	MH-MM	18	100.01	2000	N/A	N/A	N/A	3.0	1.0	T-2

05/02/25
11:00

LAB CHRONICLE

OrderID:	Q1901	OrderDate:	4/28/2025 10:24:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1901-02	B-167-SB01	SOIL	TPH GC	8015D	04/26/25	04/29/25	04/29/25	04/28/25
Q1901-03	B-170-SB01	SOIL	TPH GC	8015D	04/26/25	04/29/25	04/29/25	04/28/25
Q1901-04	B-167-SB02	SOIL	TPH GC	8015D	04/26/25	04/29/25	04/29/25	04/28/25
Q1901-05	B-170-SB02	SOIL	TPH GC	8015D	04/26/25	04/29/25	04/29/25	04/28/25
Q1901-08	B-167-SB01	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	04/26/25	05/05/25 05/01/25	05/06/25 05/01/25	04/28/25
Q1901-09	B-170-SB01	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	04/26/25	05/05/25 05/01/25	05/06/25 05/01/25	04/28/25
Q1901-10	B-167-SB02	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	04/26/25	05/05/25 05/01/25	05/06/25 05/01/25	04/28/25
Q1901-11	B-170-SB02	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	04/26/25	05/05/25 05/01/25	05/06/25 05/01/25	04/28/25