

Cover Page

Order ID : Q2198

Project ID : Amtrak Sawtooth Bridges 2025

Client : Portal Partners Tri-Venture

Lab Sample Number

Q2198-01
Q2198-02
Q2198-03
Q2198-04
Q2198-05

Client Sample Number

B-202-SB02
B-202-SB02
B-207-SB02
B-207-SB02
B-202-GW01

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 6/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2198

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 06/11/2025

LAB CHRONICLE

OrderID:	Q2198	OrderDate:	6/3/2025 2:31:00 PM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2025
Contact:	Joseph Krupansky	Location:	N22,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2198-02	B-202-SB02	TCLP	TCLP Herbicide	8151A	05/31/25	06/06/25	06/09/25	06/03/25
Q2198-04	B-207-SB02	TCLP	TCLP Herbicide	8151A	06/01/25	06/06/25	06/09/25	06/03/25



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

Hit Summary Sheet
SW-846

SDG No.: Q2198

Order ID: Q2198

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



QC SUMMARY

Surrogate Summary

SDG No.: Q2198

Client: Portal Partners Tri-Venture

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS030475.D	PIBLK-PS030475.D	2,4-DCAA	1	500	414	83		70 (61)	130 (136)
		2,4-DCAA	2	500	445	89		70 (61)	130 (136)
I.BLK-PS030534.D	PIBLK-PS030534.D	2,4-DCAA	1	500	455	91		70 (61)	130 (136)
		2,4-DCAA	2	500	469	94		70 (61)	130 (136)
PB168329BL	PB168329BL	2,4-DCAA	1	500	425	85		70 (61)	130 (136)
		2,4-DCAA	2	500	484	97		70 (61)	130 (136)
PB168329BS	PB168329BS	2,4-DCAA	1	500	523	105		70 (61)	130 (136)
		2,4-DCAA	2	500	506	101		70 (61)	130 (136)
I.BLK-PS030546.D	PIBLK-PS030546.D	2,4-DCAA	1	500	454	91		70 (61)	130 (136)
		2,4-DCAA	2	500	474	95		70 (61)	130 (136)
PB168271TB	PB168271TB	2,4-DCAA	1	500	439	88		70 (61)	130 (136)
		2,4-DCAA	2	500	436	87		70 (61)	130 (136)
I.BLK-PS030559.D	PIBLK-PS030559.D	2,4-DCAA	1	500	458	92		70 (61)	130 (136)
		2,4-DCAA	2	500	474	95		70 (61)	130 (136)
I.BLK-PS030562.D	PIBLK-PS030562.D	2,4-DCAA	1	500	433	87		70 (61)	130 (136)
		2,4-DCAA	2	500	447	89		70 (61)	130 (136)
Q2198-02	B-202-SB02	2,4-DCAA	1	500	486	97		70 (61)	130 (136)
		2,4-DCAA	2	500	463	93		70 (61)	130 (136)
Q2198-04	B-207-SB02	2,4-DCAA	1	500	571	114		70 (61)	130 (136)
		2,4-DCAA	2	500	517	103		70 (61)	130 (136)
Q2198-04MS	B-207-SB02MS	2,4-DCAA	1	500	614	123		70 (61)	130 (136)
		2,4-DCAA	2	500	531	106		70 (61)	130 (136)
Q2198-04MSD	B-207-SB02MSD	2,4-DCAA	1	500	625	125		70 (61)	130 (136)
		2,4-DCAA	2	500	543	109		70 (61)	130 (136)
I.BLK-PS030574.D	PIBLK-PS030574.D	2,4-DCAA	1	500	437	87		70 (61)	130 (136)
		2,4-DCAA	2	500	454	91		70 (61)	130 (136)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2198</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Portal Partners Tri-Venture</u>	DataFile :	<u>PS030572.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2198-04MS (Column 1)	B-207-SB02MS 2,4-D	50	0	49.9	ug/L	100				70 (65)	130 (135)	
	2,4,5-TP(Silvex)	50	0	49.4	ug/L	99				70 (62)	130 (139)	
Client Sample ID: Q2198-04MS (Column 2)	B-207-SB02MS 2,4-D	50	0	48.0	ug/L	96				70 (65)	130 (135)	
	2,4,5-TP(Silvex)	50	0	50.1	ug/L	100				70 (62)	130 (139)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2198</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Portal Partners Tri-Venture</u>	DataFile :	<u>PS030573.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2198-04MSD (Column 1)	B-207-SB02MSD 2,4-D	50	0	49.5	ug/L	99		1		70 (65)	130 (135)	20 (20)
	2,4,5-TP(Silvex)	50	0	49.0	ug/L	98		1		70 (62)	130 (139)	20 (20)
Client Sample ID: Q2198-04MSD (Column 2)	B-207-SB02MSD 2,4-D	50	0	44.7	ug/L	89		8		70 (65)	130 (135)	20 (20)
	2,4,5-TP(Silvex)	50	0	49.9	ug/L	100		0		70 (62)	130 (139)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2198</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Portal Partners Tri-Venture</u>	Datafile :	<u>PS030545.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB168329BS (Column 1)	2,4-D	5	4.70	ug/L	94				70 (83)	130 (130)	
	2,4,5-TP(Silvex)	5	5.00	ug/L	100				70 (78)	130 (127)	
PB168329BS (Column 2)	2,4-D	5	5.10	ug/L	102				70 (83)	130 (130)	
	2,4,5-TP(Silvex)	5	4.90	ug/L	98				70 (78)	130 (127)	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168329BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q2198

SAS No.: Q2198 SDG NO.: Q2198

Lab Sample ID: PB168329BL

Lab File ID: PS030544.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/06/2025

Date Analyzed (1): 06/06/2025

Date Analyzed (2): 06/06/2025

Time Analyzed (1): 22:00

Time Analyzed (2): 22:00

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
PB168329BS	PB168329BS	PS030545.D	06/06/2025	06/06/2025
PB168271TB	PB168271TB	PS030557.D	06/07/2025	06/07/2025
B-202-SB02	Q2198-02	PS030570.D	06/09/2025	06/09/2025
B-207-SB02	Q2198-04	PS030571.D	06/09/2025	06/09/2025
B-207-SB02MS	Q2198-04MS	PS030572.D	06/09/2025	06/09/2025
B-207-SB02MSD	Q2198-04MSD	PS030573.D	06/09/2025	06/09/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/06/25
Client Sample ID:	PB168271TB	SDG No.:	Q2198
Lab Sample ID:	PB168271TB	Matrix:	TCLP
Analytical Method:	8151A	% 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
PS030557.D	1	06/06/25 11:45	06/07/25 03:14	PB168329

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	439		70 (61) - 130 (136)	88%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030557.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2025 03:14
 Operator : AR\AJ
 Sample : PB168271TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168271TB

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 04:47:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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
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 System Monitoring Compounds

4) S	2,4-DCAA	7.362	7.770	1658.9E6	469.3E6	439.440	436.316m
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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\PS060625\
Data File : PS030557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jun 2025 03:14
Operator : AR\AJ
Sample : PB168271TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

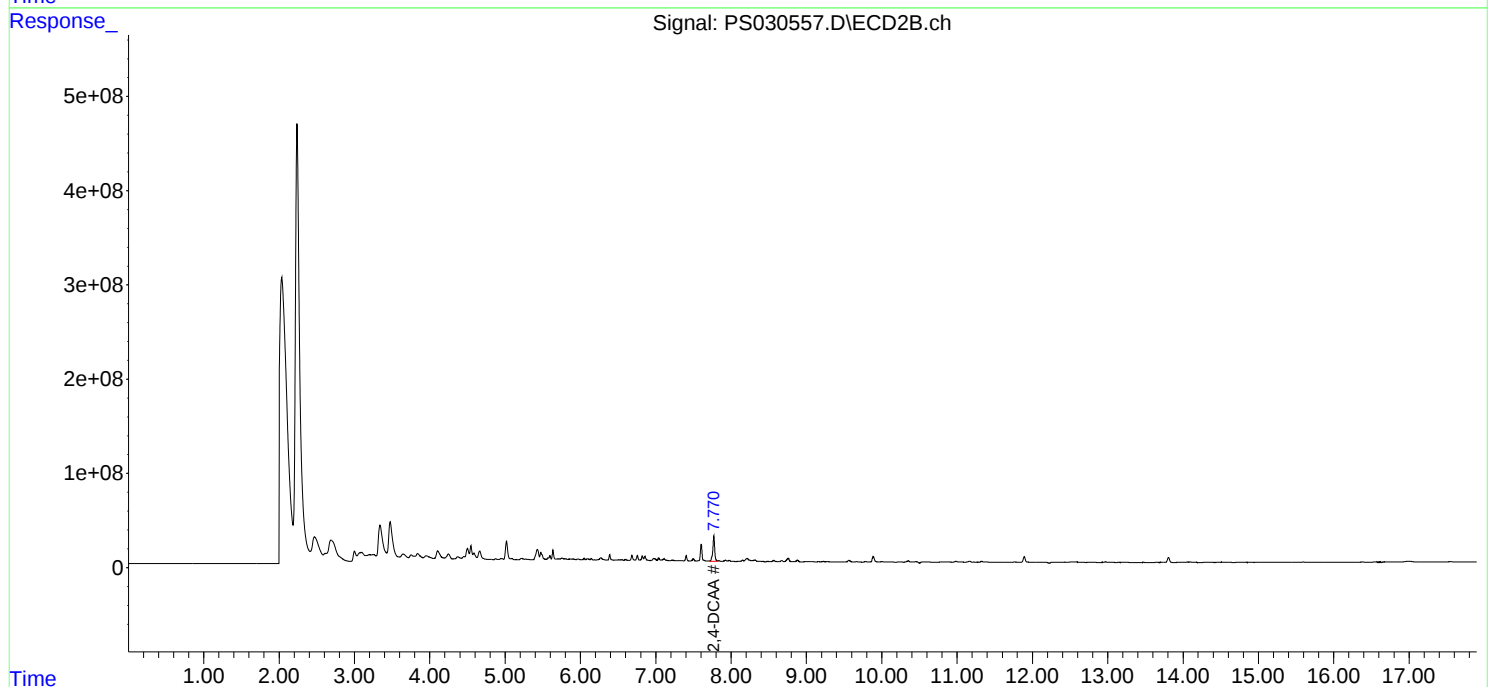
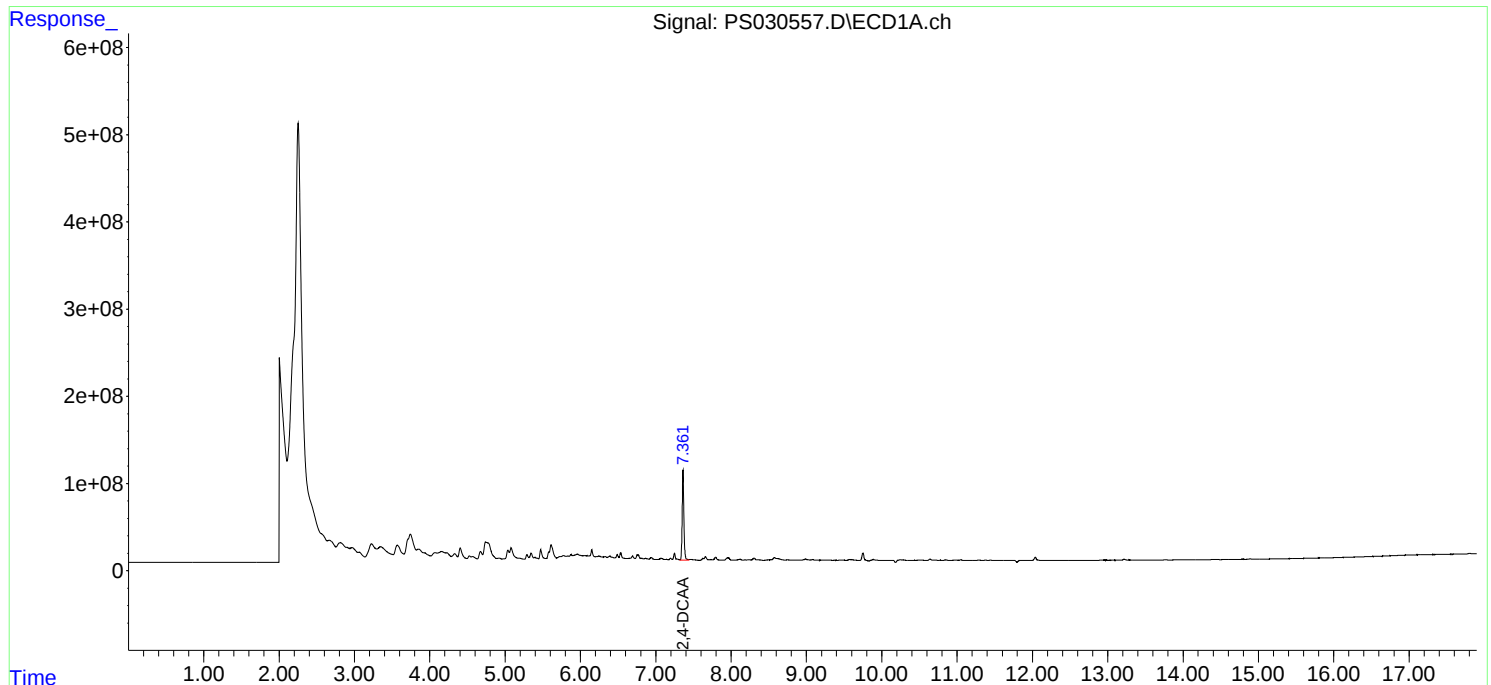
Instrument :
ECD_S
ClientSampleId :
PB168271TB

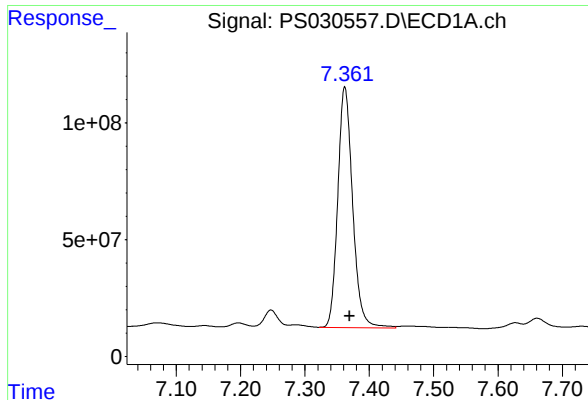
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/09/2025
Supervised By : mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 04:47:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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.: 7.362 min

Delta R.T.: -0.007 min

Response: 1658949192

Conc: 439.44 ng/ml

Instrument :

ECD_S

ClientSampleId :

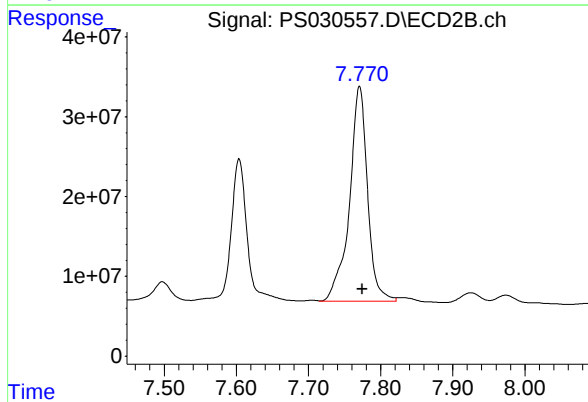
PB168271TB

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025



#4 2,4-DCAA

R.T.: 7.770 min

Delta R.T.: -0.004 min

Response: 469306275

Conc: 436.32 ng/ml m

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	05/31/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-202-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-02	Matrix:	TCLP
Analytical Method:	8151A	% 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
PS030570.D	1	06/06/25 11:45	06/09/25 15:46	PB168329

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	486		70 (61) - 130 (136)	97%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030570.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 15:46
 Operator : AR\AJ
 Sample : Q2198-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-202-SB02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:54:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.360	7.768	1835.9E6	498.0E6	486.322	463.011m

Target Compounds

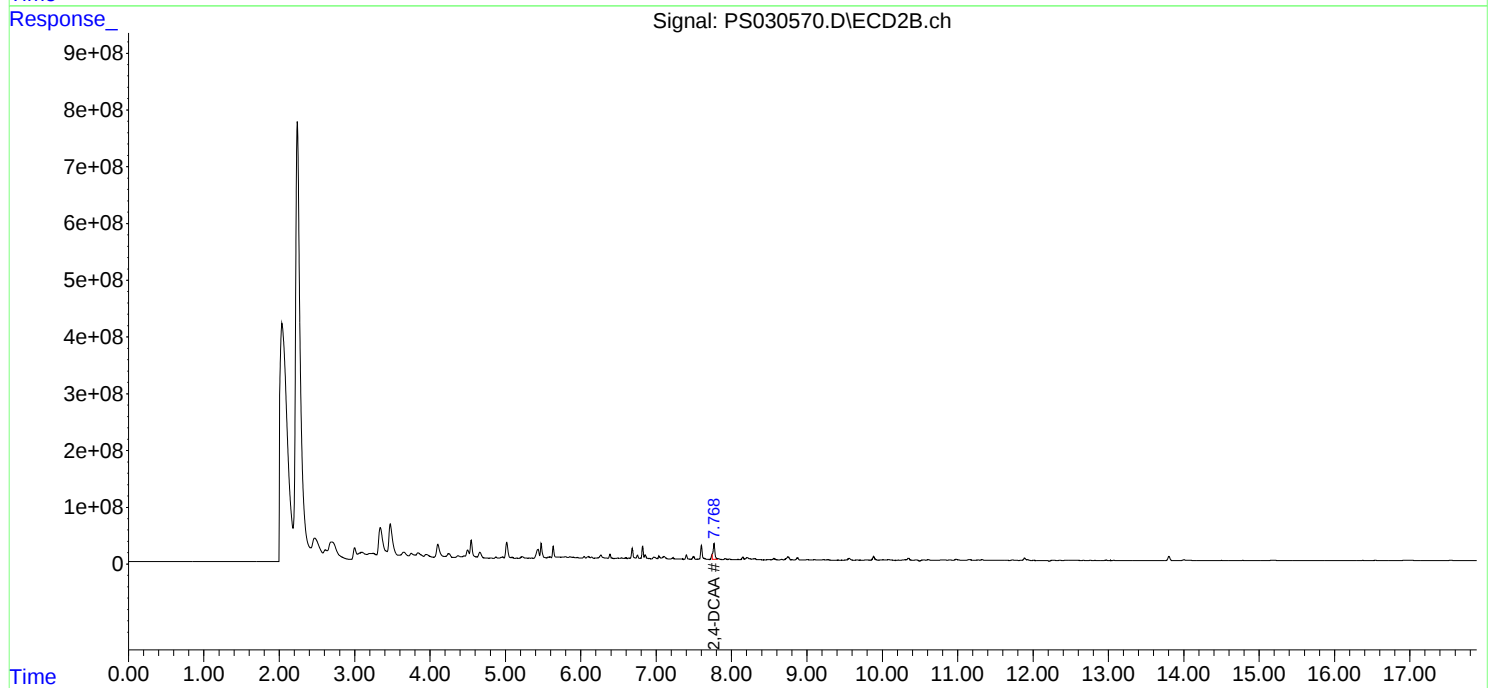
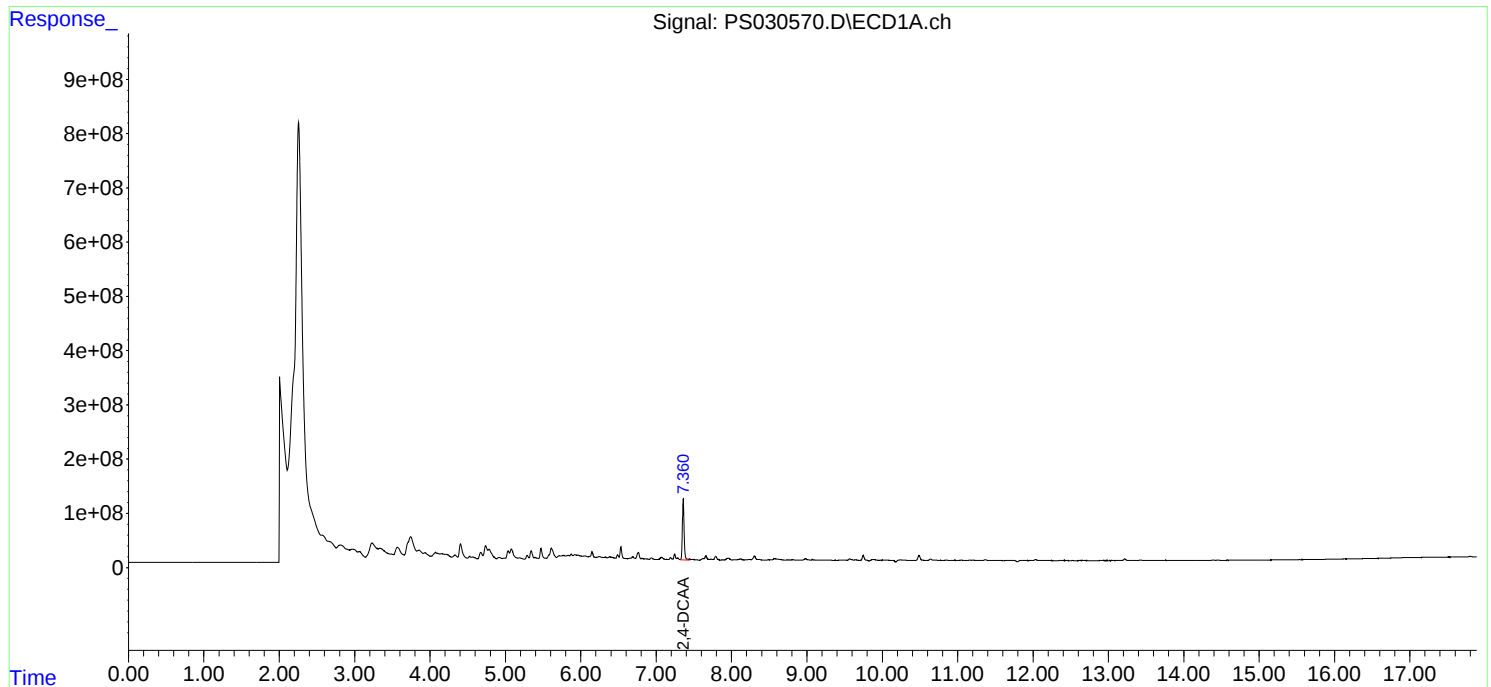
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

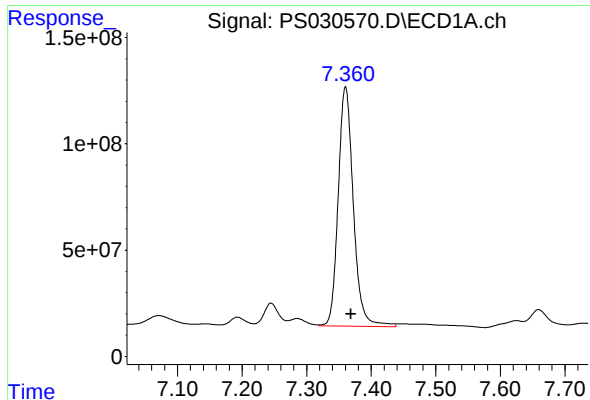
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 15:46
Operator : AR\AJ
Sample : Q2198-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-202-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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.: 7.360 min

Delta R.T.: -0.009 min

Response: 1835935977

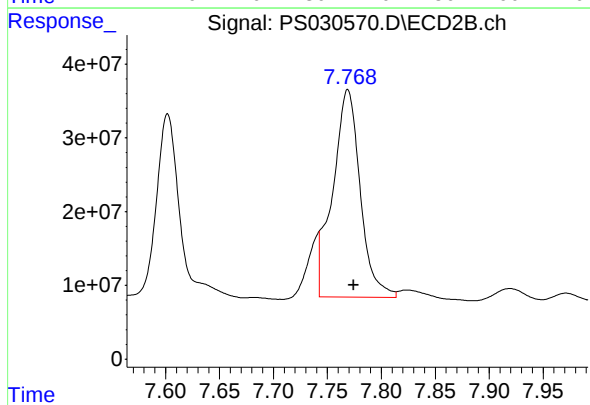
Conc: 486.32 ng/ml

Instrument :

ECD_S

ClientSampleId :

B-202-SB02



#4 2,4-DCAA

R.T.: 7.768 min

Delta R.T.: -0.006 min

Response: 498018948

Conc: 463.01 ng/ml m

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02	SDG No.:	Q2198
Lab Sample ID:	Q2198-04	Matrix:	TCLP
Analytical Method:	8151A	% 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
PS030571.D	1	06/06/25 11:45	06/09/25 16:10	PB168329

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	571		70 (61) - 130 (136)	114%	SPK: 500

Comments:

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* = 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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 16:10
 Operator : AR\AJ
 Sample : Q2198-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-207-SB02

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:54:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.360	7.769	2156.6E6	556.4E6	571.264	517.269
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Target Compounds

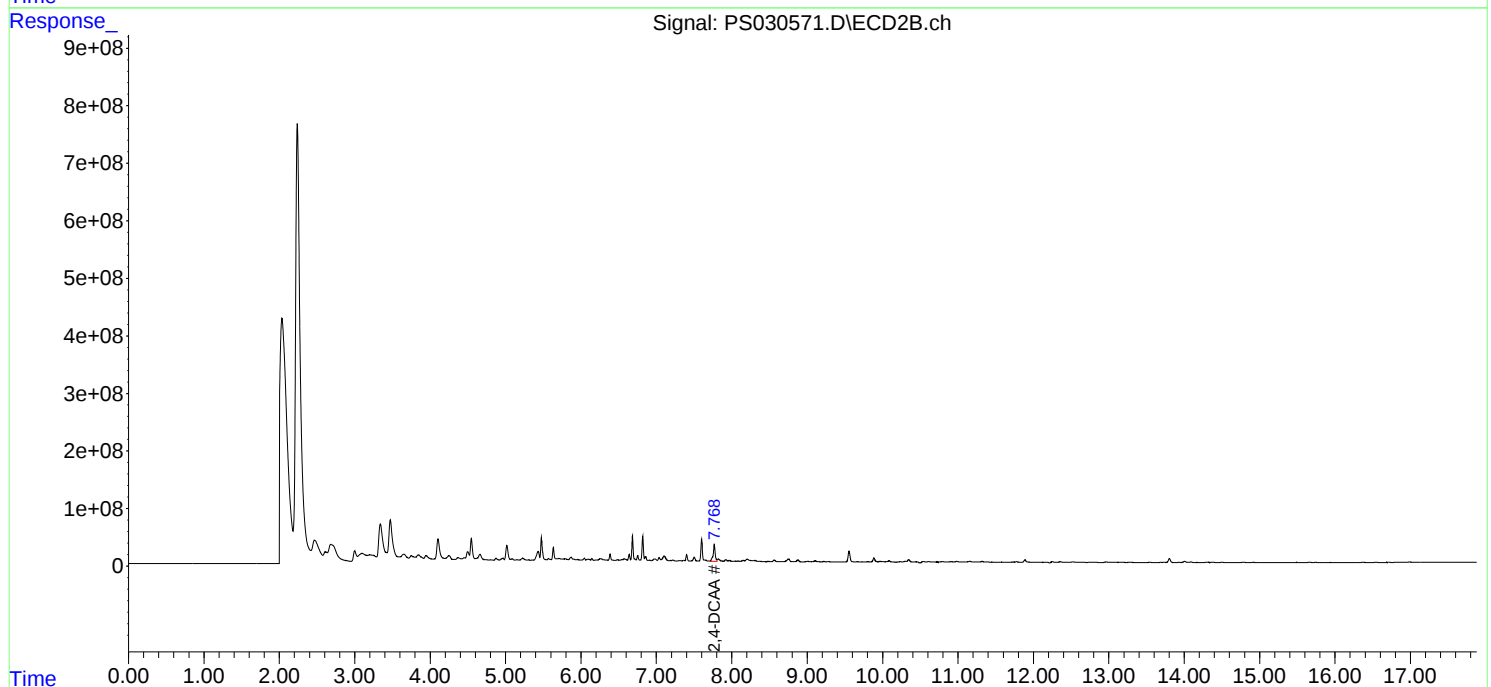
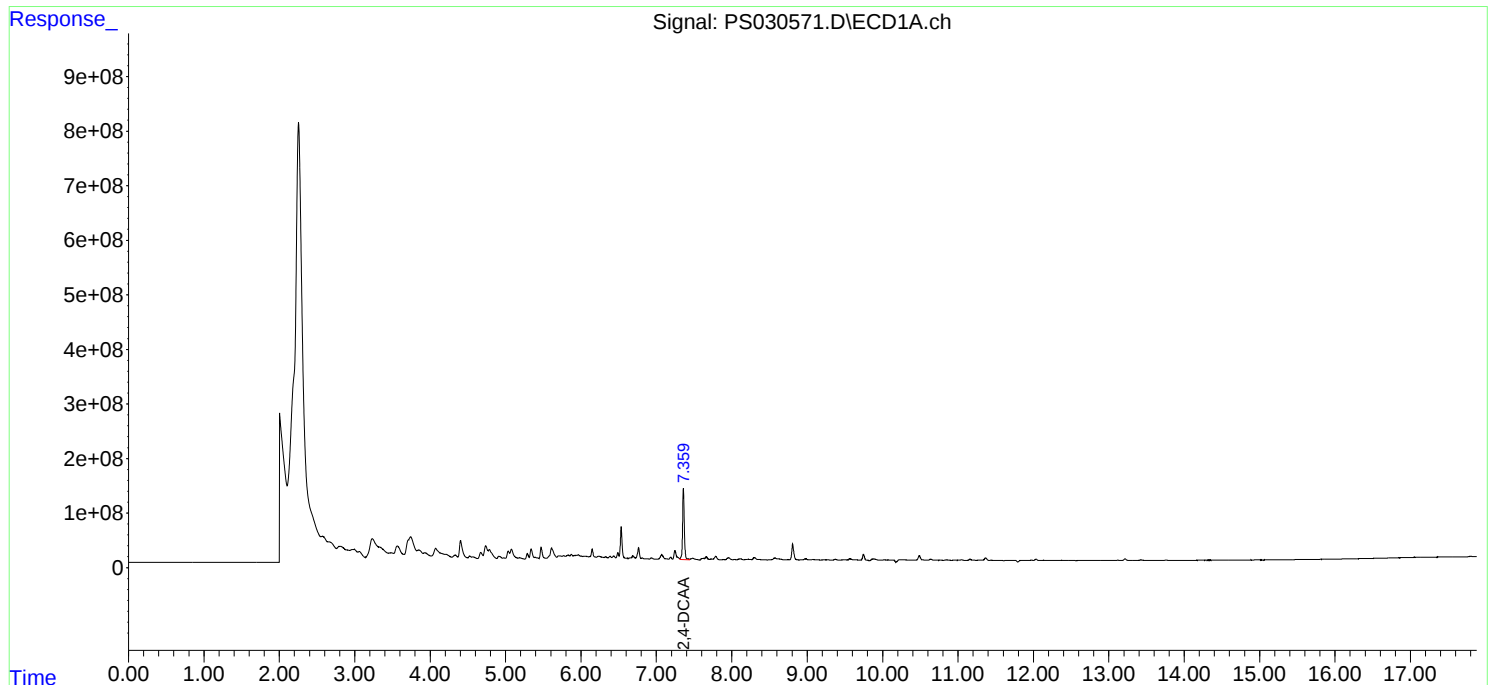
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

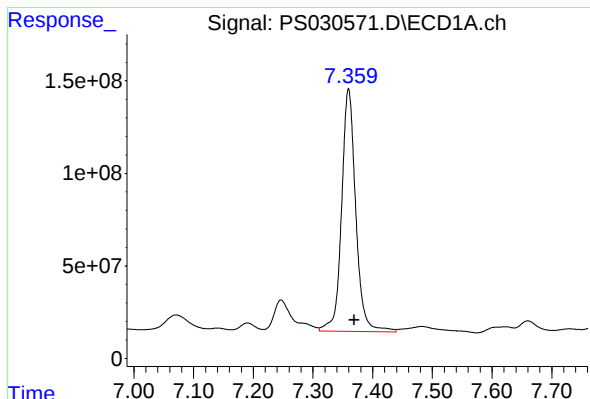
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 16:10
Operator : AR\AJ
Sample : Q2198-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-207-SB02

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:54:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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

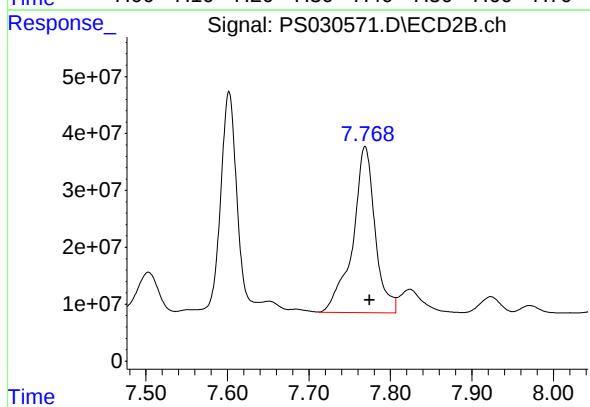




#4 2,4-DCAA

R.T.: 7.360 min
Delta R.T.: -0.009 min
Response: 2156605842
Conc: 571.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
B-207-SB02



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 556380325
Conc: 517.27 ng/ml



CALIBRATION SUMMARY

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

[illegible]

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

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06
Lab Code: CHEM **Case No.:** Q2198 **SAS No.:** Q2198 **SDG NO.:** Q2198
Instrument ID: ECD_S **Calibration Date(s):** 06/04/2025 06/04/2025
Calibration Times: 11:19 12:55

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

LAB FILE ID:		CF 200 = <u>PS030476.D</u>	CF 500 = <u>PS030477.D</u>				
CF 750 = <u>PS030478.D</u>		CF 1000 = <u>PS030479.D</u>	CF 1500 = <u>PS030480.D</u>				
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	23444500000	20930200000	20252400000	19918900000	18779400000	20665100000	8
2,4-D	4208920000	3650560000	3531620000	3494410000	3332550000	3643610000	9
2,4-DCAA	4505990000	3745160000	3587820000	3627070000	3409690000	3775150000	11



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

Instrument ID: ECD_S

Calibration Date(s): 06/04/2025 06/04/2025

Calibration Times: 11:19 12:55

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

LAB FILE ID:		CF 200 =	<u>PS030476.D</u>	CF 500 =	<u>PS030477.D</u>		
CF 750 =		<u>PS030478.D</u>	CF 1000 =	<u>PS030479.D</u>	CF 1500 =	<u>PS030480.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	15627400000	13837500000	13337200000	13203400000	12578300000	13716700000	8
2,4-D	1858730000	1575260000	1504430000	1488570000	1434610000	1572320000	11
2,4-DCAA	1341960000	1066160000	1011260000	997042000	961634000	1075610000	14

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 11:19
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:16:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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	7.369	7.773	901.2E6	268.4E6	233.974m	243.085
Target Compounds							
1) T	Dalapon	2.715	2.710	1207.7E6	582.1E6	209.575	208.784
2) T	3,5-DICHL...	6.525	6.716	1200.9E6	343.3E6	215.635	214.990
3) T	4-Nitroph...	7.168	7.303	384.4E6	320.3E6	205.814	202.067
5) T	DICAMBA	7.561	7.978	3298.5E6	1351.8E6	209.643	207.265
6) T	MCPD	7.741	8.073	169.2E6	43441130	17.402	18.810
7) T	MCPA	7.891	8.321	242.4E6	61640116	19.153	20.256m
8) T	DICHLORPROP	8.279	8.698	820.2E6	336.5E6	220.037	221.417
9) T	2,4-D	8.511	9.034	791.3E6	349.4E6	212.630	217.483
10) T	Pentachlo...	8.820	9.560	11762.3E6	7856.5E6	216.630	210.064
11) T	2,4,5-TP ...	9.404	9.941	4454.5E6	2969.2E6	210.747	212.066
12) T	2,4,5-T	9.698	10.368	3820.9E6	2807.7E6	203.830	210.935
13) T	2,4-DB	10.279	10.936	605.5E6	252.6E6	198.542	215.793
14) T	DINOSEB	11.502	11.322	3060.7E6	2115.3E6	208.620	207.224
15) T	Picloram	11.306	12.430	3963.9E6	4392.5E6	197.107	197.224
16) T	DCPA	11.798	12.366	5846.4E6	4416.8E6	215.285	211.221

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 11:19
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations

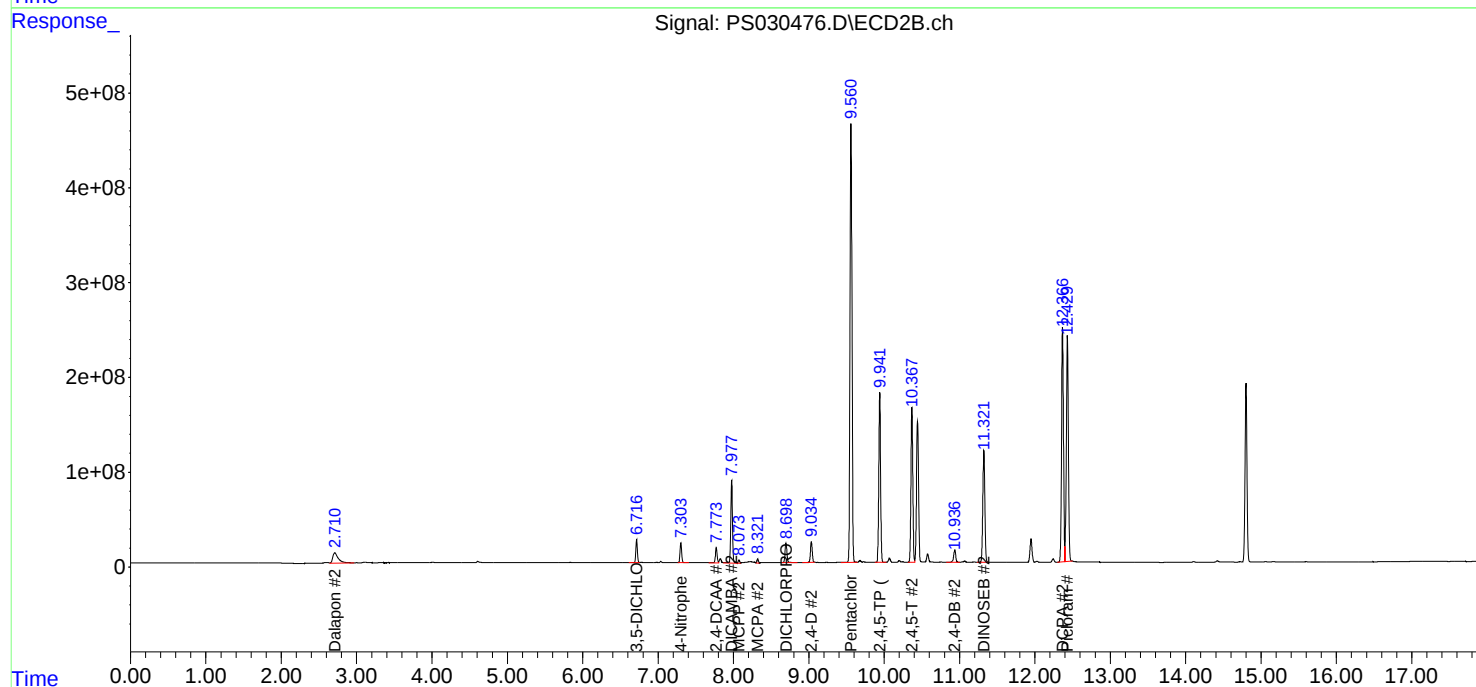
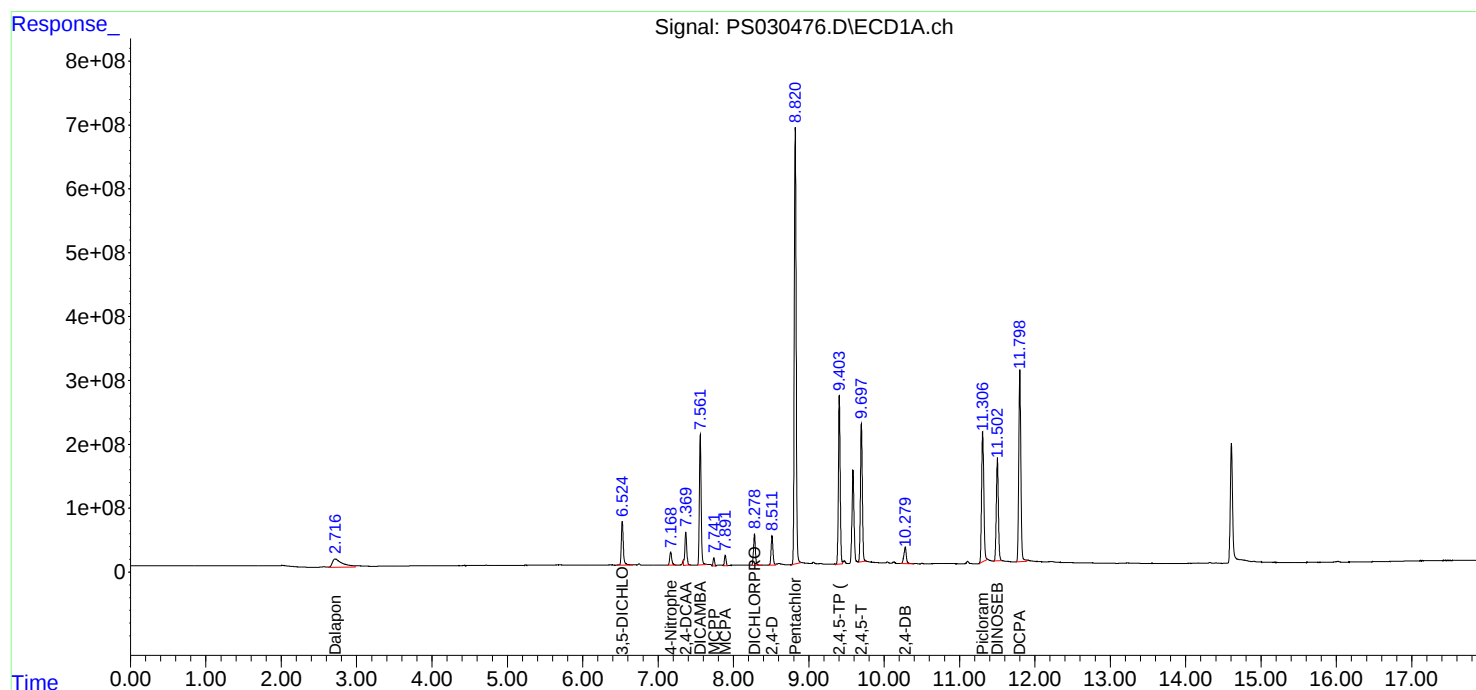
APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 13:16:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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\PS060425\
 Data File : PS030477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 11:43
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:14:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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	7.368	7.773	1872.6E6	533.1E6	511.607m	520.170
Target Compounds							
1) T	Dalapon	2.717	2.710	2560.4E6	1234.9E6	467.947	465.766
2) T	3,5-DICHL...	6.524	6.716	2562.3E6	728.7E6	485.913	481.317
3) T	4-Nitroph...	7.167	7.303	829.3E6	702.4E6	464.307	460.071
5) T	DICAMBA	7.561	7.977	7300.1E6	3000.7E6	482.484	476.337
6) T	MCP	7.743	8.075	450.4E6	107.6E6	45.195	46.603
7) T	MCPA	7.893	8.324	573.4E6	134.2E6	45.768	45.169
8) T	DICHLORPROP	8.278	8.698	1709.6E6	695.7E6	486.246	486.593
9) T	2,4-D	8.511	9.034	1715.8E6	740.4E6	482.111	486.207
10) T	Pentachlo...	8.820	9.560	26104.6E6	17662.2E6	504.340	489.472
11) T	2,4,5-TP ...	9.403	9.942	9941.8E6	6572.8E6	488.131	488.344
12) T	2,4,5-T	9.698	10.368	8761.4E6	6236.1E6	479.003	486.370
13) T	2,4-DB	10.278	10.935	1410.7E6	546.0E6	469.574	488.442
14) T	DINOSEB	11.502	11.321	6808.6E6	4715.9E6	481.689	478.292
15) T	Picloram	11.307	12.429	9323.8E6	10433.3E6	469.492	474.467
16) T	DCPA	11.797	12.366	12966.1E6	9972.2E6	497.571	493.358

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 11:43
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations

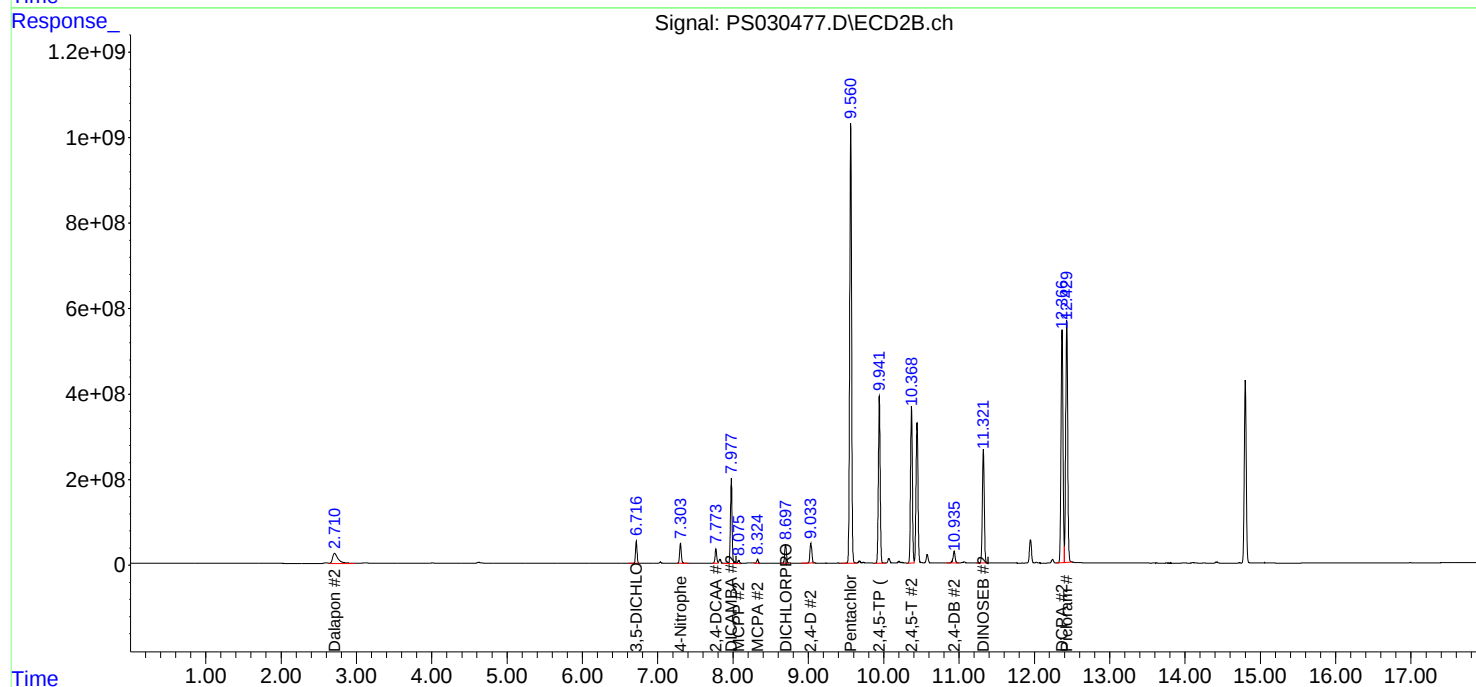
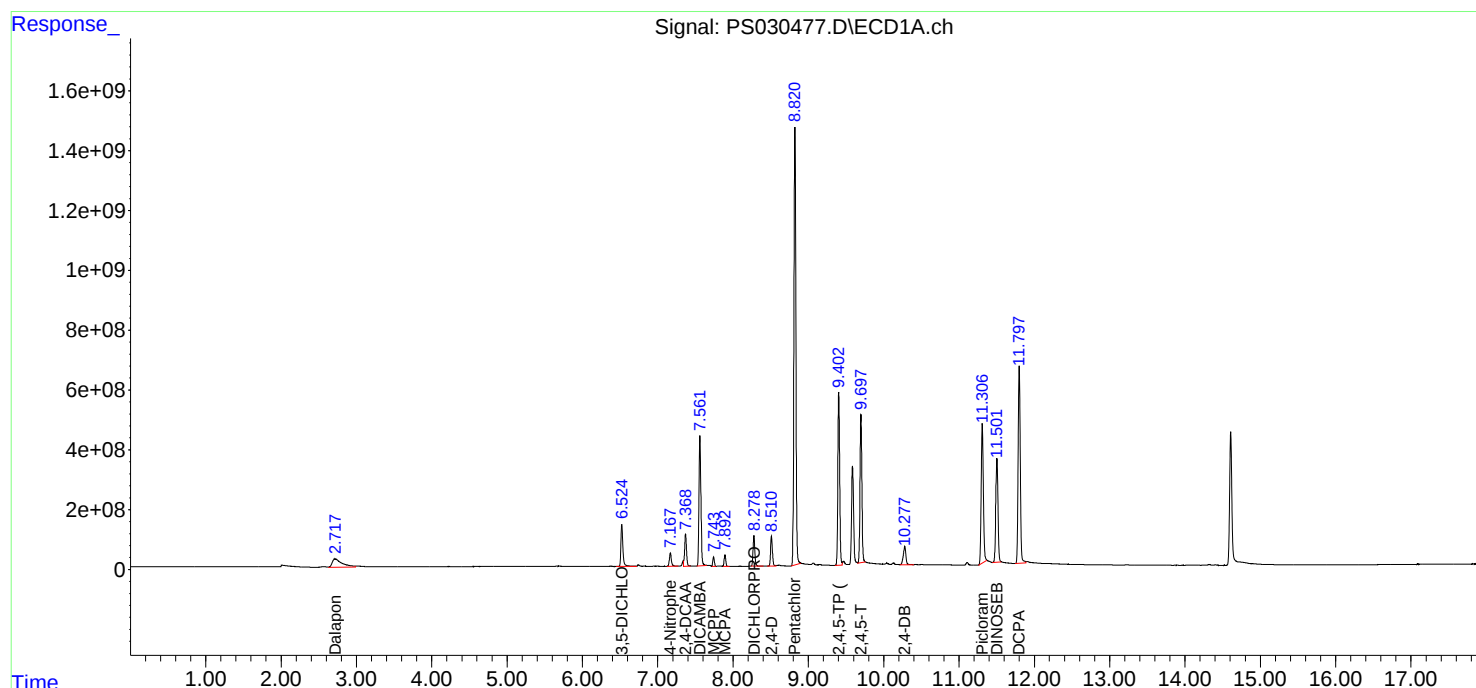
APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 13:14:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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\PS060425\
 Data File : PS030478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 12:07
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:09:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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	7.369	7.774	2690.9E6	758.4E6	744.320m	750.000
Target Compounds							
1) T	Dalapon	2.716	2.710	3691.7E6	1793.7E6	682.500	682.500
2) T	3,5-DICHL...	6.524	6.717	3626.9E6	1043.0E6	697.500	697.500
3) T	4-Nitroph...	7.167	7.303	1207.0E6	1031.0E6	682.500	682.500
5) T	DICAMBA	7.561	7.977	10569.4E6	4406.8E6	705.000	705.000
6) T	MCP	7.744	8.077	702.1E6	161.8E6	70.500	70.500
7) T	MCPA	7.895	8.327	870.8E6	206.1E6	69.750	69.750
8) T	DICHLORPROP	8.279	8.698	2453.4E6	996.3E6	705.000	705.000
9) T	2,4-D	8.512	9.034	2489.8E6	1060.6E6	705.000	705.000
10) T	Pentachlo...	8.820	9.561	37628.4E6	25518.7E6	712.500	712.500
11) T	2,4,5-TP ...	9.404	9.942	14429.9E6	9502.8E6	712.500	712.500
12) T	2,4,5-T	9.697	10.368	13011.7E6	9066.3E6	712.500	712.500
13) T	2,4-DB	10.279	10.936	2128.7E6	787.8E6	712.500	712.500
14) T	DINOSEB	11.502	11.321	9877.2E6	6881.7E6	705.000	705.000
15) T	Picloram	11.307	12.430	14134.3E6	15599.4E6	712.500	712.500
16) T	DCPA	11.797	12.366	18644.2E6	14436.2E6	720.000	720.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030478.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:07
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

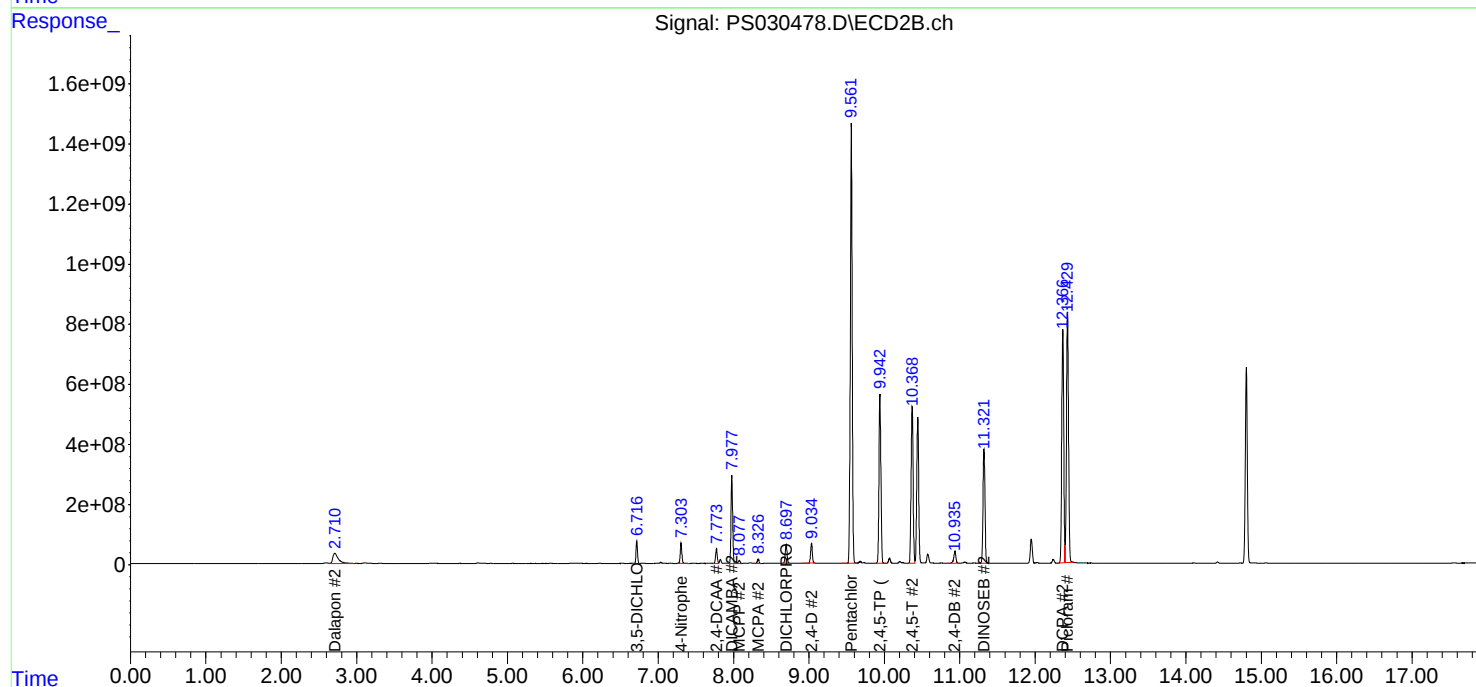
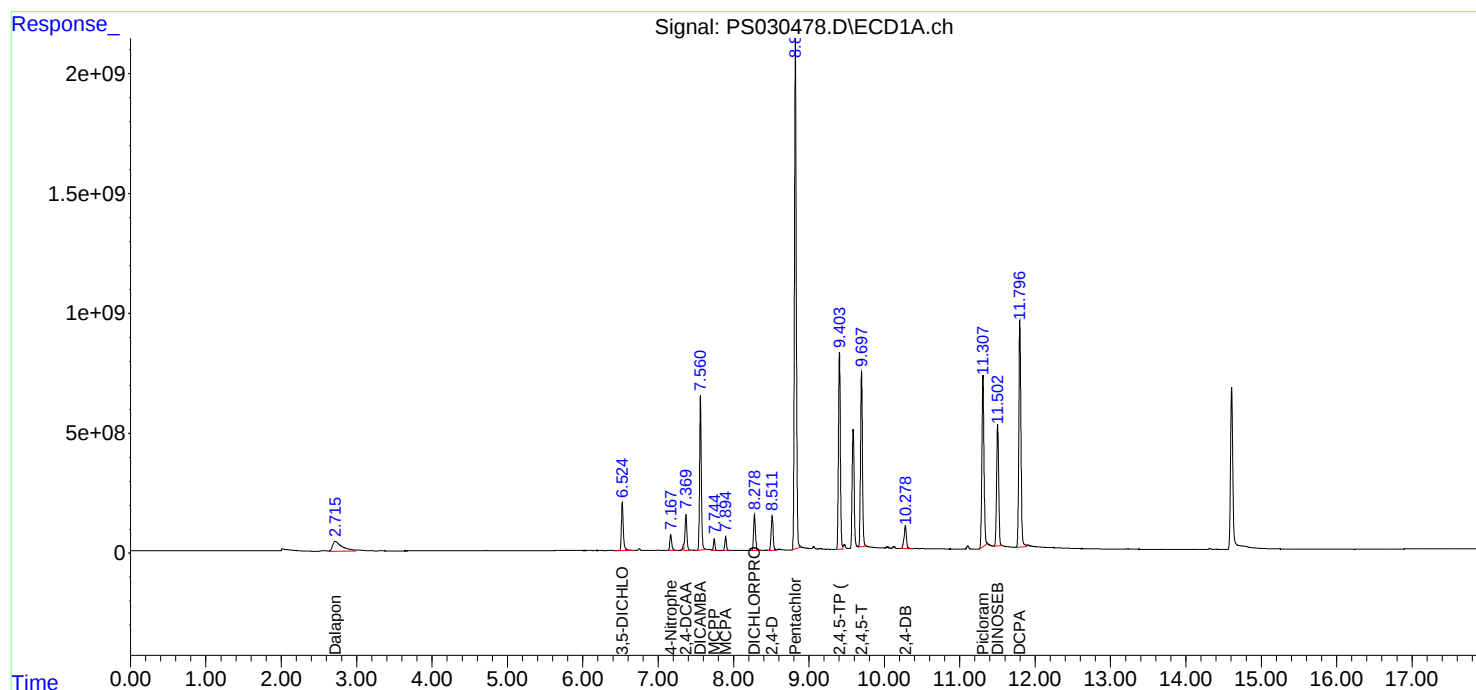
Instrument :
ECD_S
ClientSampleId :
HSTDICC750

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 13:09:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 12:31
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC1000

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:12:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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	7.369	7.774	3627.1E6	997.0E6	1015.527m	992.922
Target Compounds							
1) T	Dalapon	2.714	2.710	4894.2E6	2376.7E6	907.402	907.165
2) T	3,5-DICHL...	6.524	6.717	4751.8E6	1375.9E6	921.843	925.042
3) T	4-Nitroph...	7.168	7.304	1608.1E6	1388.5E6	909.639	914.550
5) T	DICAMBA	7.561	7.978	13974.6E6	5887.4E6	936.047	940.930
6) T	MCP	7.746	8.079	973.4E6	220.1E6	95.838	94.941
7) T	MCPA	7.897	8.330	1187.7E6	285.5E6	94.055	94.777
8) T	DICHLORPROP	8.279	8.699	3224.6E6	1312.0E6	933.254	934.189
9) T	2,4-D	8.511	9.035	3284.7E6	1399.3E6	935.022	935.019
10) T	Pentachlo...	8.825	9.561	45135.4E6	33490.4E6	899.805	942.480
11) T	2,4,5-TP ...	9.404	9.942	18922.9E6	12543.2E6	942.112	945.210
12) T	2,4,5-T	9.698	10.369	17257.5E6	11981.3E6	947.492	945.773
13) T	2,4-DB	10.278	10.936	2902.4E6	1043.2E6	960.620	946.745
14) T	DINOSEB	11.502	11.322	13073.3E6	9197.3E6	936.548	941.110
15) T	Picloram	11.306	12.430	19105.8E6	21004.4E6	956.510	954.663
16) T	DCPA	11.796	12.366	24258.1E6	19020.4E6	948.257	954.284

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:31
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC1000

Manual Integrations

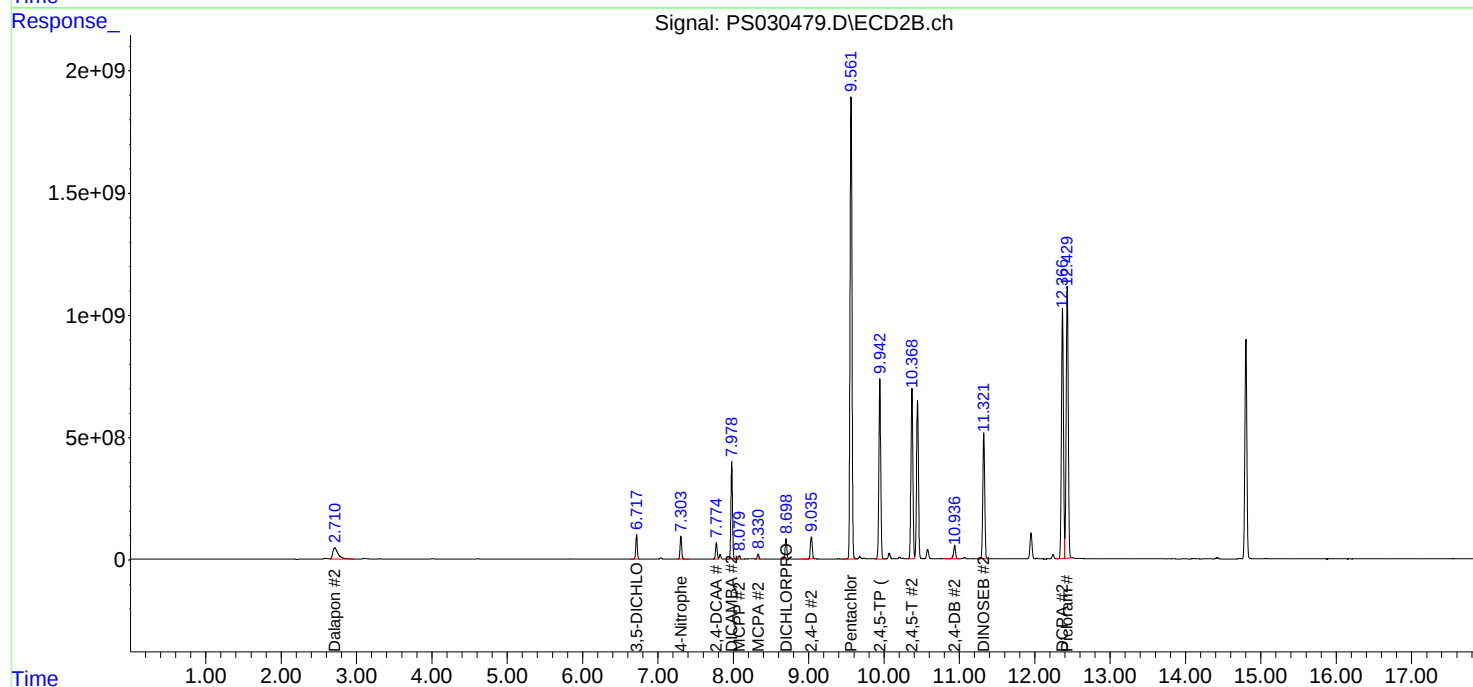
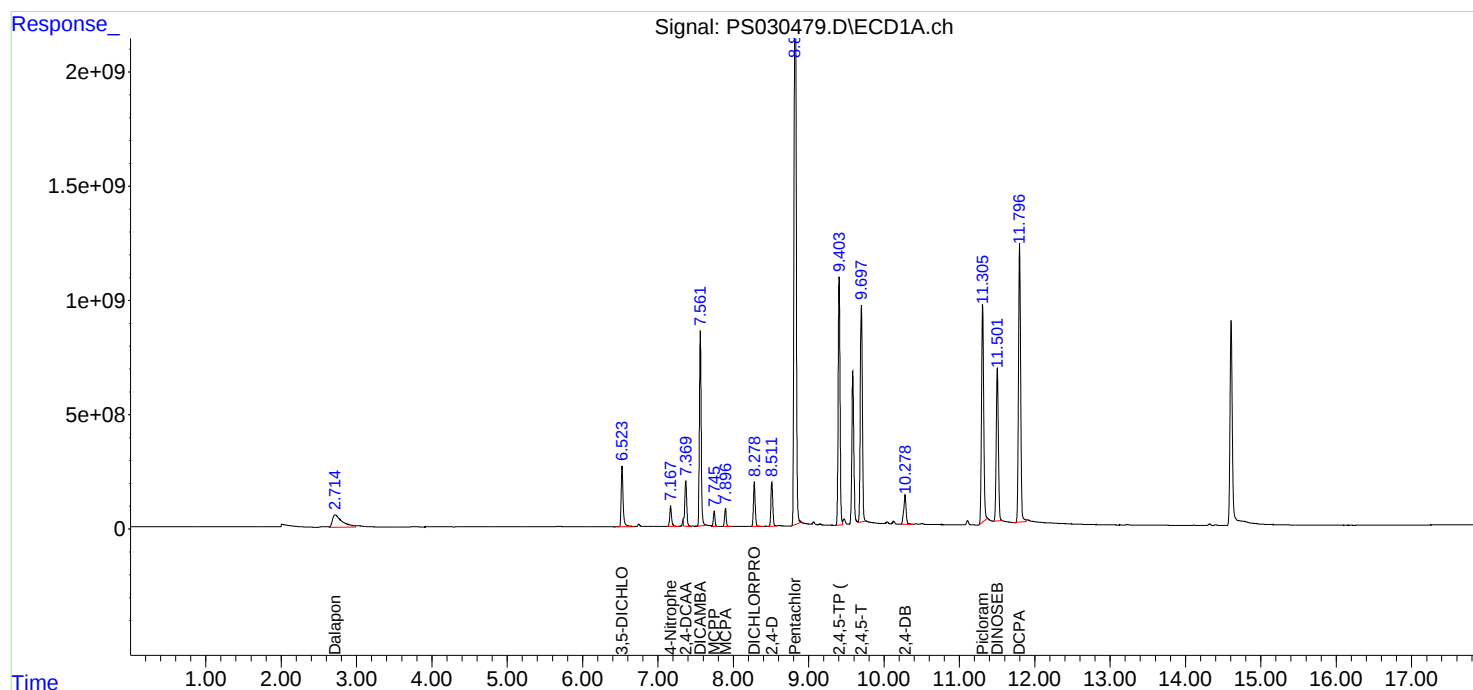
APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 13:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 12:55
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC1500

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:20:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:07:48 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	7.369	7.774	5114.5E6	1442.5E6	1359.285m	1341.054
------	----------	-------	-------	----------	----------	-----------	----------

Target Compounds

1) T	Dalapon	2.720	2.710	7077.3E6	3477.6E6	1253.287	1269.202
2) T	3,5-DICHL...	6.524	6.717	6773.8E6	1999.9E6	1248.313	1278.513
3) T	4-Nitroph...	7.167	7.304	2318.6E6	2042.6E6	1264.396	1303.306
5) T	DICAMBA	7.561	7.978	19988.9E6	8628.3E6	1296.086	1339.458
6) T	MCP	7.749	8.083	1498.2E6	327.1E6	151.254	141.524
7) T	MCPA	7.901	8.334	1789.5E6	447.1E6	141.023	144.658m
8) T	DICHLORPROP	8.278	8.699	4624.4E6	1892.3E6	1271.075	1274.928
9) T	2,4-D	8.511	9.035	4698.9E6	2022.8E6	1289.626	1286.504
10) T	Pentachlo...	8.830	9.563	52360.6E6	44299.7E6	1031.002	1225.847
11) T	2,4,5-TP ...	9.403	9.942	26760.6E6	17924.0E6	1294.969	1306.726
12) T	2,4,5-T	9.697	10.368	24470.3E6	17161.6E6	1327.668	1314.350
13) T	2,4-DB	10.277	10.935	4249.5E6	1517.5E6	1399.547	1320.041
14) T	DINOSEB	11.501	11.322	18597.9E6	13281.7E6	1293.774	1321.547
15) T	Picloram	11.306	12.430	27906.5E6	30398.4E6	1394.990	1376.496
16) T	DCPA	11.797	12.367	33946.6E6	26887.9E6	1283.906	1313.980

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 12:55
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

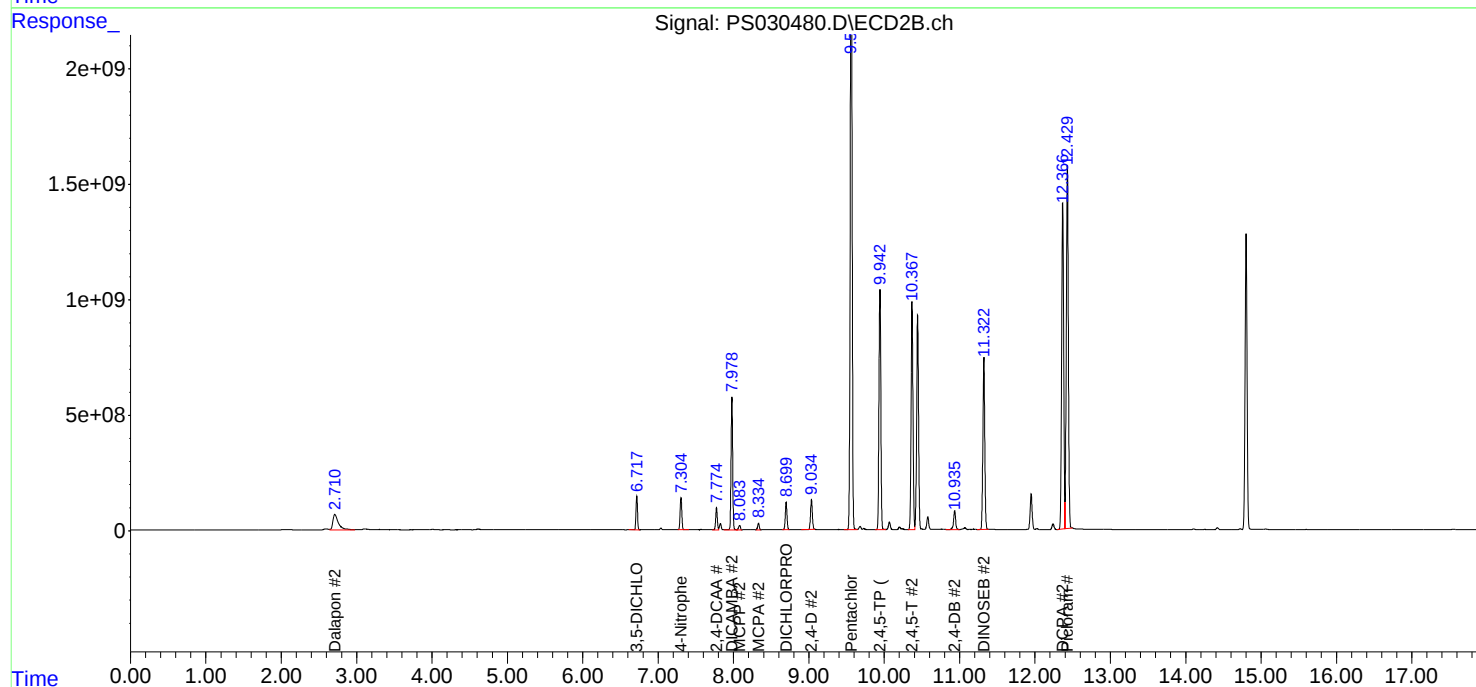
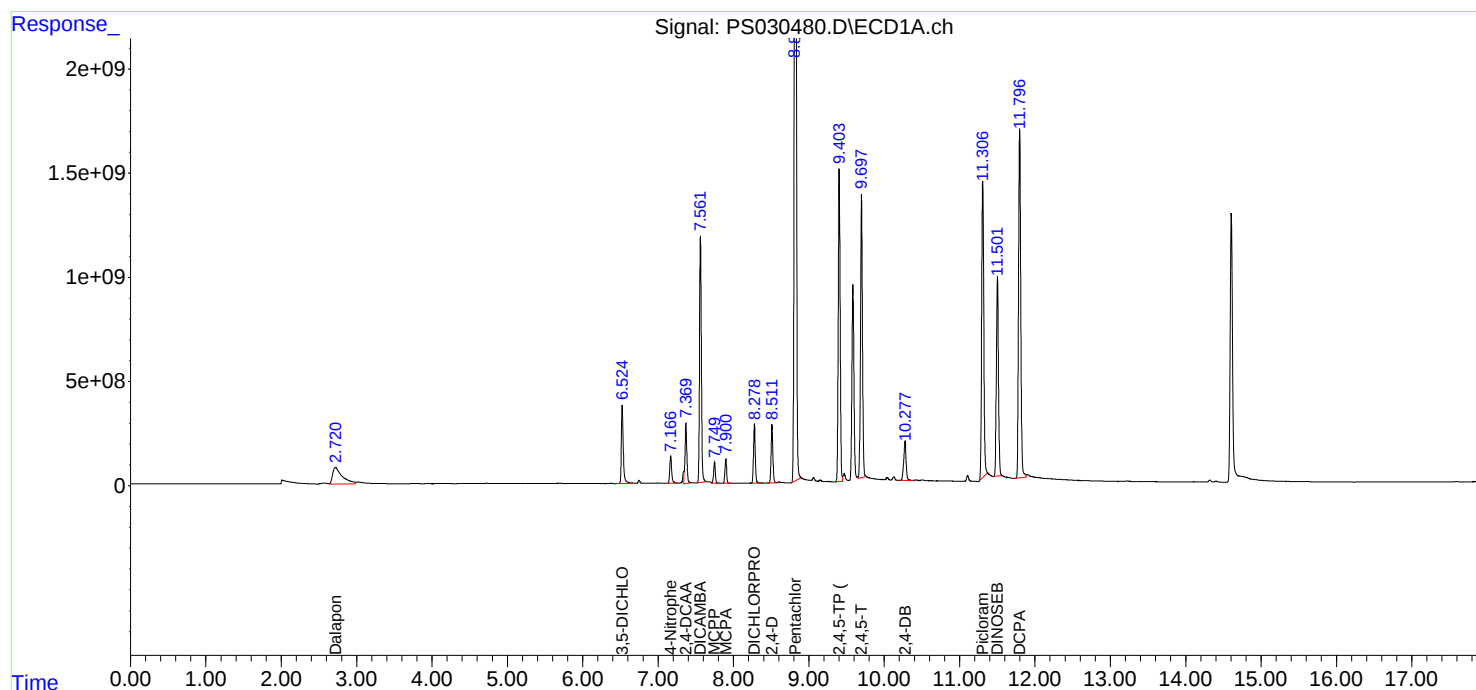
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/05/2025
Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 13:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:07:48 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\PS060425\
 Data File : PS030481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 13:35
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ICVPS060425

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 14:09:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.370	7.771	2779.2E6	744.7E6	736.179m	692.376
Target Compounds							
1) T	Dalapon	2.714	2.705	3877.5E6	1823.2E6	686.652	665.381
2) T	3,5-DICHL...	6.525	6.713	3695.4E6	1043.6E6	681.009	667.130
3) T	4-Nitroph...	7.169	7.300	1225.8E6	1032.9E6	668.475	659.037
5) T	DICAMBA	7.563	7.975	10727.3E6	4354.5E6	695.557	675.993
6) T	MCPD	7.746	8.074	698.1E6	157.4E6	70.484	68.090
7) T	MCPA	7.897	8.324	861.2E6	203.6E6	67.866	65.964
8) T	DICHLORPROP	8.281	8.695	2469.0E6	997.8E6	678.655	672.256
9) T	2,4-D	8.514	9.031	2588.4E6	1072.3E6	710.397	682.017
10) T	Pentachlo...	8.823	9.558	38130.8E6	25498.1E6	750.811	705.574
11) T	2,4,5-TP ...	9.406	9.939	14651.6E6	9473.2E6	709.003	690.633
12) T	2,4,5-T	9.700	10.366	13151.1E6	9065.2E6	713.527	694.273
13) T	2,4-DB	10.282	10.933	2193.0E6	785.8E6	722.260	683.578
14) T	DINOSEB	11.505	11.320	10027.6E6	6923.3E6	697.574	688.879
15) T	Picloram	11.310	12.428	14073.5E6	15641.1E6	703.508	708.260
16) T	DCPA	11.801	12.365	19004.7E6	14438.0E6	718.784	705.569

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 13:35
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ICVPS060425

Manual Integrations

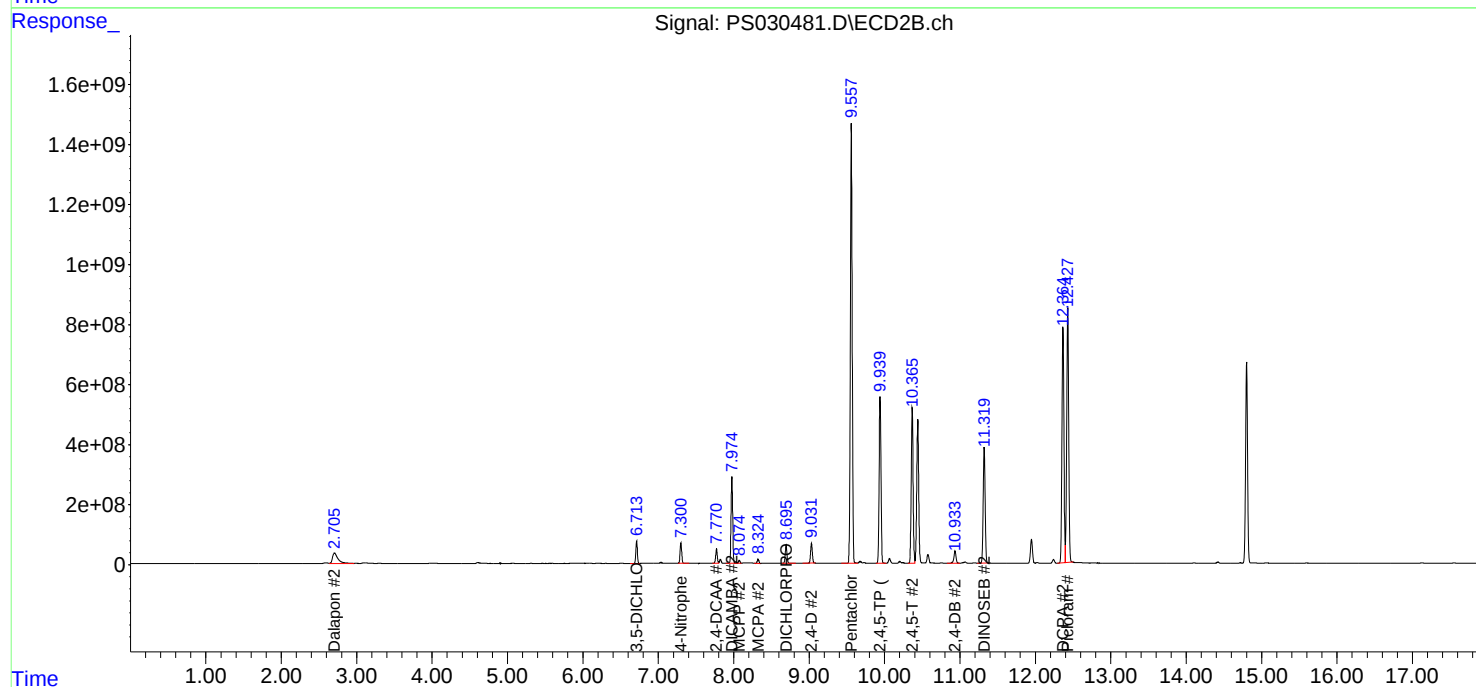
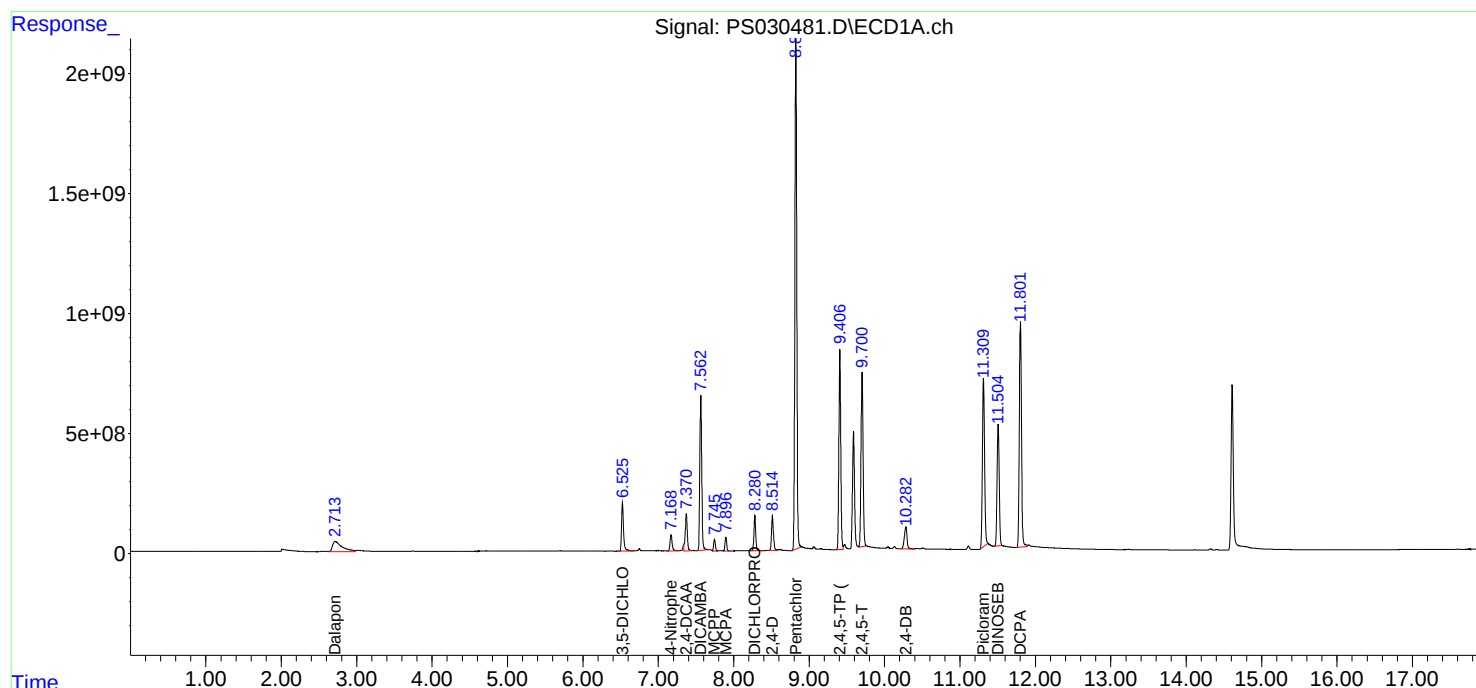
APPROVED

Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 14:09:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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





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

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

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

Continuing Calib Time: 12:31 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.39	9.40	9.30	9.50	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

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

Continuing Calib Time: 12:31 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

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

Lab Sample No.: HSTDCCC750 Data File : PS030535.D Time Analyzed: 12:31

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.394	9.304	9.504	753.080	712.500	5.7
2,4-D	8.503	8.412	8.612	714.810	705.000	1.4
2,4-DCAA	7.363	7.269	7.469	763.970	750.000	1.9



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

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

Lab Sample No.: HSTDCCC750 Data File : PS030535.D Time Analyzed: 12:31

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.938	9.842	10.042	736.850	712.500	3.4
2,4-D	9.030	8.934	9.134	743.830	705.000	5.5
2,4-DCAA	7.771	7.674	7.874	734.990	750.000	-2.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030535.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 12:31
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 01:16:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.363	7.771	2884.1E6	790.6E6	763.972	734.992
Target Compounds							
1) T	Dalapon	2.714	2.714	4021.9E6	1843.2E6	712.218	672.715
2) T	3,5-DICHL...	6.519	6.715	3991.7E6	1112.3E6	735.614	711.105
3) T	4-Nitroph...	7.162	7.301	1249.7E6	1117.7E6	681.499	713.148
5) T	DICAMBA	7.554	7.975	11599.6E6	4688.5E6	752.119	727.846
6) T	MCP	7.737	8.075	763.3E6	168.5E6	77.058m	72.892
7) T	MCPA	7.888	8.324	910.9E6	213.8E6	71.782	69.270
8) T	DICHLORPROP	8.271	8.695	2636.7E6	1056.6E6	724.748	711.903
9) T	2,4-D	8.503	9.030	2604.5E6	1169.5E6	714.811	743.829m
10) T	Pentachlo...	8.814	9.557	40520.2E6	27282.6E6	797.860	754.956
11) T	2,4,5-TP ...	9.394	9.938	15562.5E6	10107.2E6	753.080	736.853
12) T	2,4,5-T	9.688	10.363	13346.0E6	9591.4E6	724.106	734.571
13) T	2,4-DB	10.268	10.930	2071.5E6	821.6E6	682.234	714.726
14) T	DINOSEB	11.491	11.316	10832.1E6	7441.7E6	753.543	740.462
15) T	Picloram	11.297	12.424	13318.7E6	16014.5E6	665.774m	725.168
16) T	DCPA	11.787	12.360	20280.6E6	14863.7E6	767.039	726.371m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030535.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 12:31
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

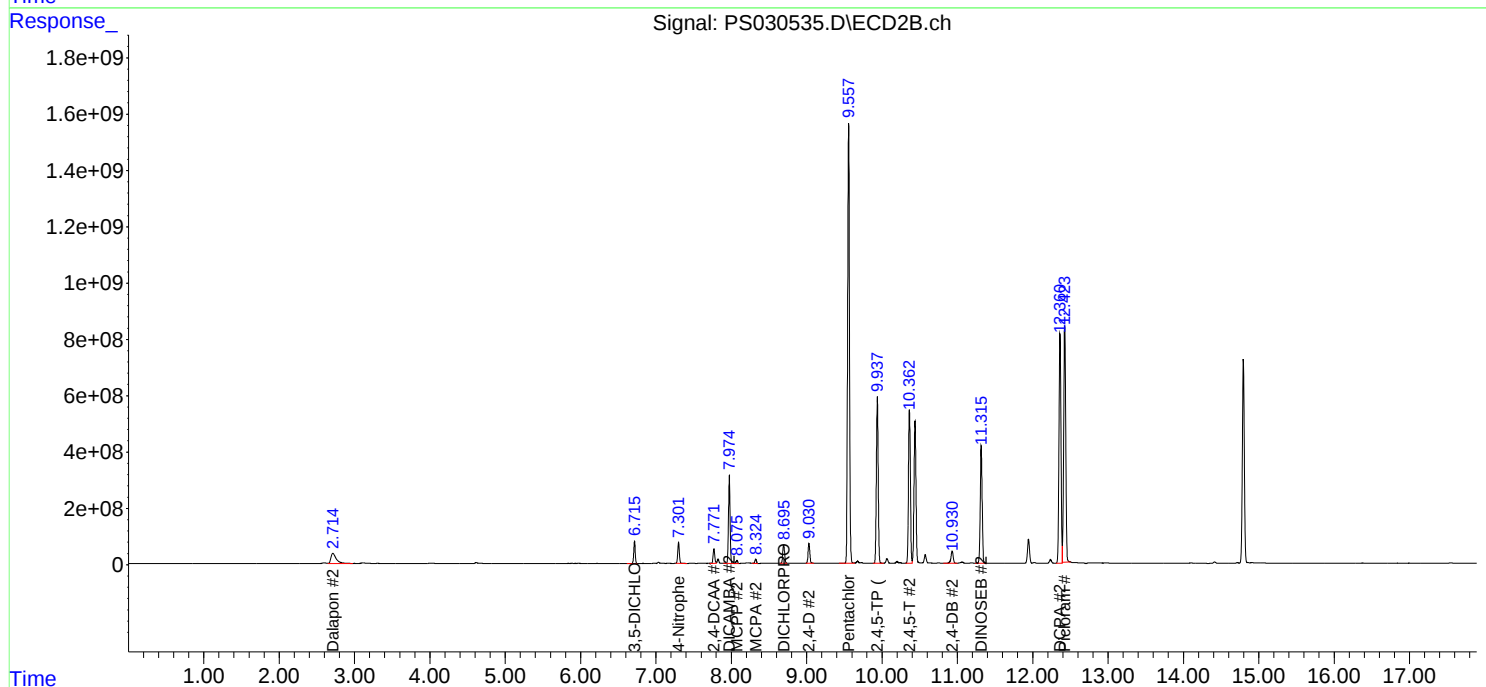
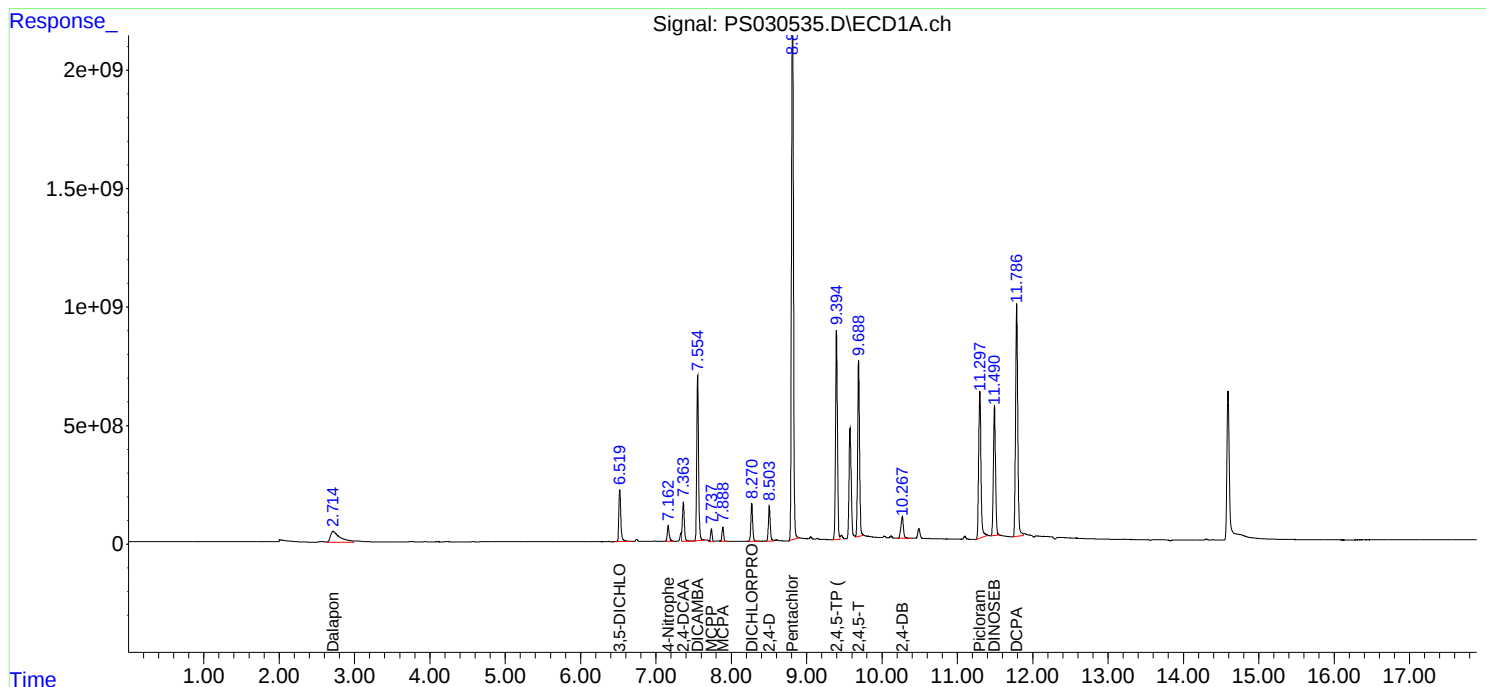
APPROVED

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 01:16:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

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

Continuing Calib Time: 23:12 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.39	9.40	9.30	9.50	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

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

Continuing Calib Time: 23:12 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

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

Lab Sample No.: HSTDCCC750 Data File : PS030547.D Time Analyzed: 23:12

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.394	9.304	9.504	737.410	712.500	3.5
2,4-D	8.503	8.412	8.612	703.020	705.000	-0.3
2,4-DCAA	7.362	7.269	7.469	735.100	750.000	-2.0



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

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

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

Lab Sample No.: HSTDCCC750 Data File : PS030547.D Time Analyzed: 23:12

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.937	9.842	10.042	729.380	712.500	2.4
2,4-D	9.030	8.934	9.134	716.460	705.000	1.6
2,4-DCAA	7.771	7.674	7.874	730.020	750.000	-2.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 23:12
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 23:48:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.362	7.771	2775.1E6	785.2E6	735.099m	730.020
Target Compounds							
1) T	Dalapon	2.715	2.713	3942.7E6	1841.5E6	698.190	672.075
2) T	3,5-DICHL...	6.519	6.716	3932.5E6	1104.0E6	724.711	705.774
3) T	4-Nitroph...	7.162	7.302	1242.8E6	1132.5E6	677.709	722.631
5) T	DICAMBA	7.554	7.975	11393.8E6	4659.5E6	738.776	723.333
6) T	MCP	7.736	8.074	725.6E6	167.2E6	73.257m	72.348
7) T	MCPA	7.887	8.324	893.2E6	213.6E6	70.393	69.216
8) T	DICHLORPROP	8.270	8.695	2588.2E6	1051.5E6	711.404	708.447
9) T	2,4-D	8.503	9.030	2561.5E6	1126.5E6	703.025	716.458
10) T	Pentachlo...	8.811	9.557	40007.9E6	27065.1E6	787.772	748.936
11) T	2,4,5-TP ...	9.394	9.937	15238.5E6	10004.7E6	737.406	729.382
12) T	2,4,5-T	9.688	10.363	13064.2E6	9493.2E6	708.812	727.049
13) T	2,4-DB	10.267	10.930	2018.8E6	820.0E6	664.877	713.298m
14) T	DINOSEB	11.489	11.316	10604.3E6	7385.6E6	737.696	734.879
15) T	Picloram	11.295	12.423	12936.0E6	15731.8E6	646.647m	712.366
16) T	DCPA	11.784	12.361	19837.9E6	14801.8E6	750.295	723.348m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 23:12
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

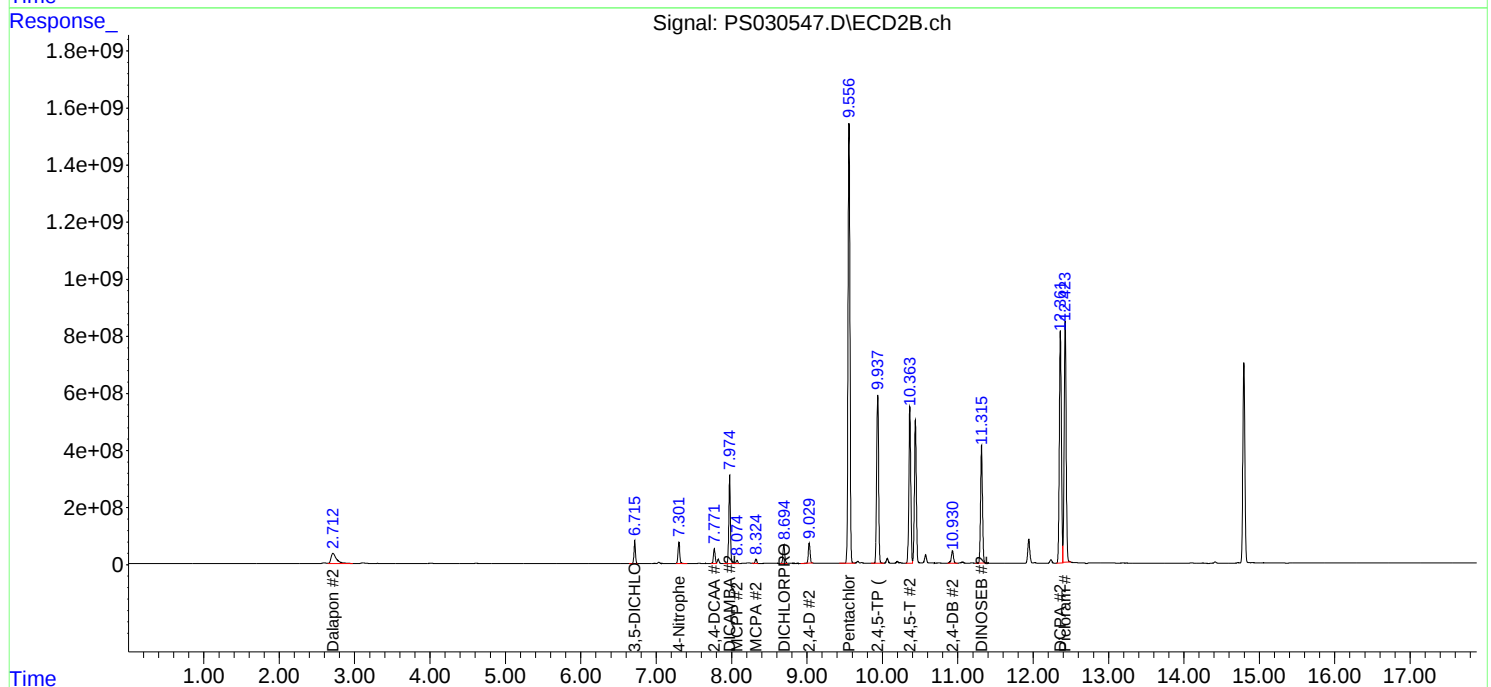
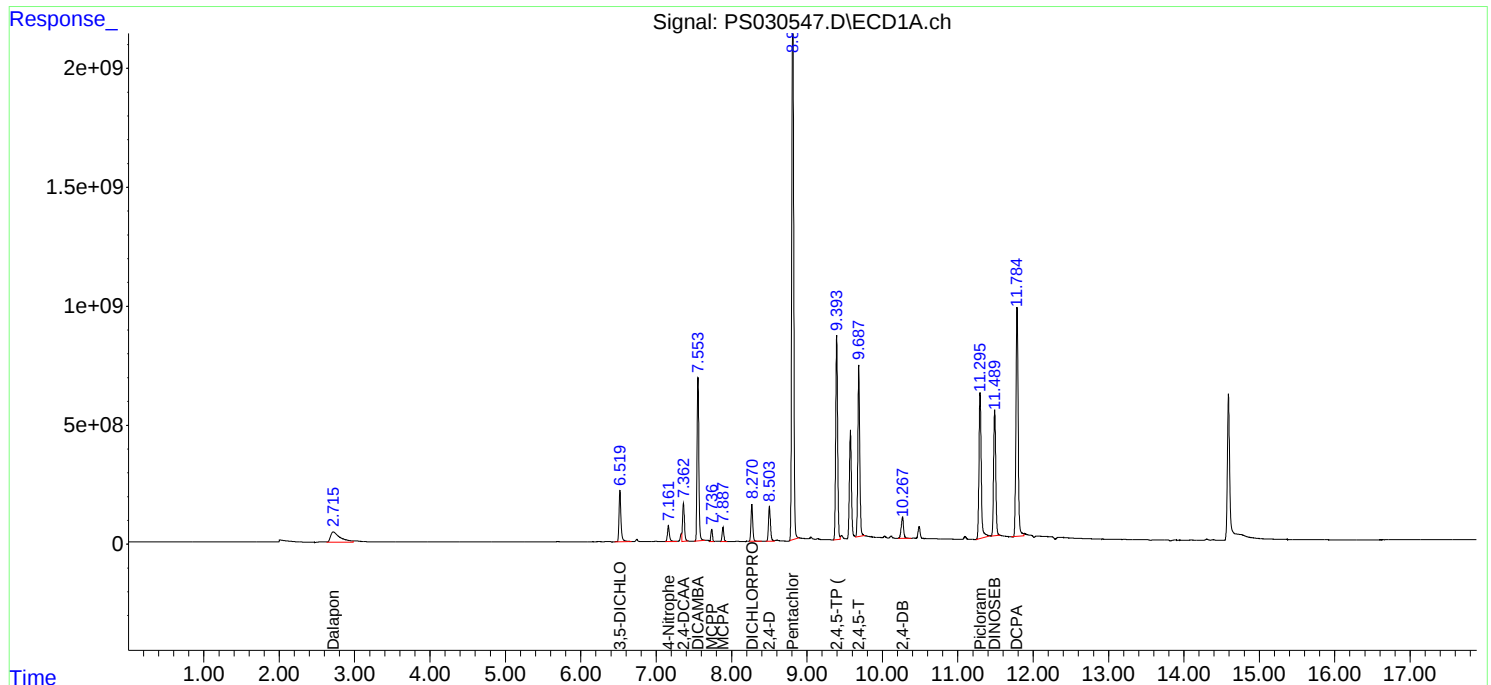
APPROVED

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 23:48:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

Continuing Calib Date: 06/07/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 04:26 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.39	9.40	9.30	9.50	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

Continuing Calib Date: 06/07/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 04:26 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL03 Date Analyzed: 06/07/2025

Lab Sample No.: HSTDCCC750 Data File : PS030560.D Time Analyzed: 04:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.393	9.304	9.504	746.690	712.500	4.8
2,4-D	8.502	8.412	8.612	721.770	705.000	2.4
2,4-DCAA	7.362	7.269	7.469	759.650	750.000	1.3



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL03 Date Analyzed: 06/07/2025

Lab Sample No.: HSTDCCC750 Data File : PS030560.D Time Analyzed: 04:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.938	9.842	10.042	736.020	712.500	3.3
2,4-D	9.030	8.934	9.134	754.140	705.000	7.0
2,4-DCAA	7.771	7.674	7.874	744.090	750.000	-0.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2025 04:26
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 06:05:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.362	7.771	2867.8E6	800.3E6	759.653m	744.085
Target Compounds						
1) T Dalapon	2.715	2.713	3877.4E6	1818.9E6	686.636	663.811
2) T 3,5-DICHL...	6.519	6.716	3958.6E6	1111.8E6	729.506	710.747
3) T 4-Nitroph...	7.161	7.302	1283.1E6	1134.9E6	699.688	724.136
5) T DICAMBA	7.553	7.974	11501.4E6	4649.3E6	745.750	721.764m
6) T MCPP	7.736	8.075	764.5E6	169.5E6	77.181m	73.305
7) T MCPA	7.887	8.324	914.2E6	216.2E6	72.042	70.058
8) T DICHLORPROP	8.270	8.695	2627.0E6	1056.7E6	722.068	711.936
9) T 2,4-D	8.502	9.030	2629.9E6	1185.8E6	721.775	754.142m
10) T Pentachlo...	8.813	9.557	40424.9E6	27286.7E6	795.983	755.069
11) T 2,4,5-TP ...	9.393	9.938	15430.4E6	10095.8E6	746.690	736.020
12) T 2,4,5-T	9.688	10.364	13289.1E6	9573.3E6	721.018	733.183
13) T 2,4-DB	10.267	10.931	2075.6E6	833.8E6	683.581	725.304m
14) T DINOSEB	11.489	11.317	10636.0E6	7389.9E6	739.902	735.309
15) T Picloram	11.295	12.424	13095.2E6	15667.9E6	654.601m	709.473
16) T DCPA	11.785	12.361	20110.5E6	14769.7E6	760.606	721.778m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jun 2025 04:26
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

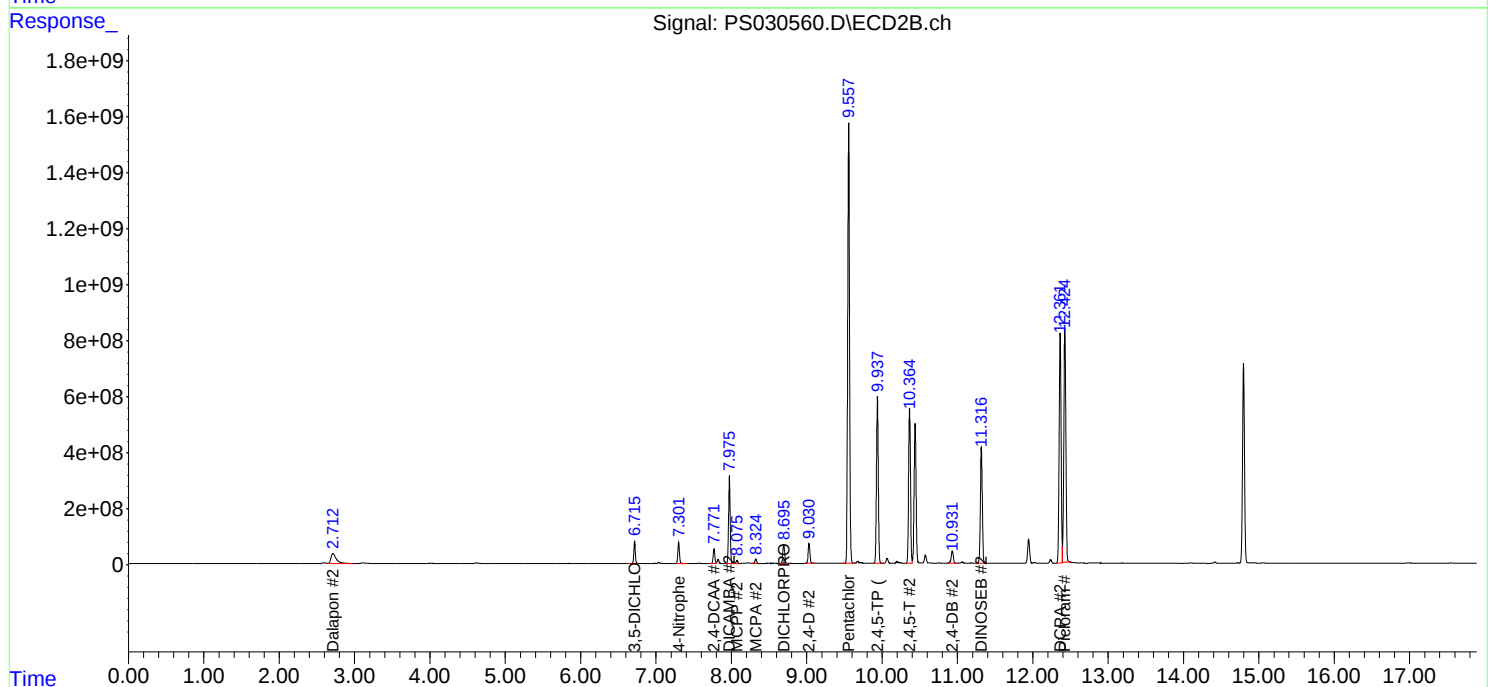
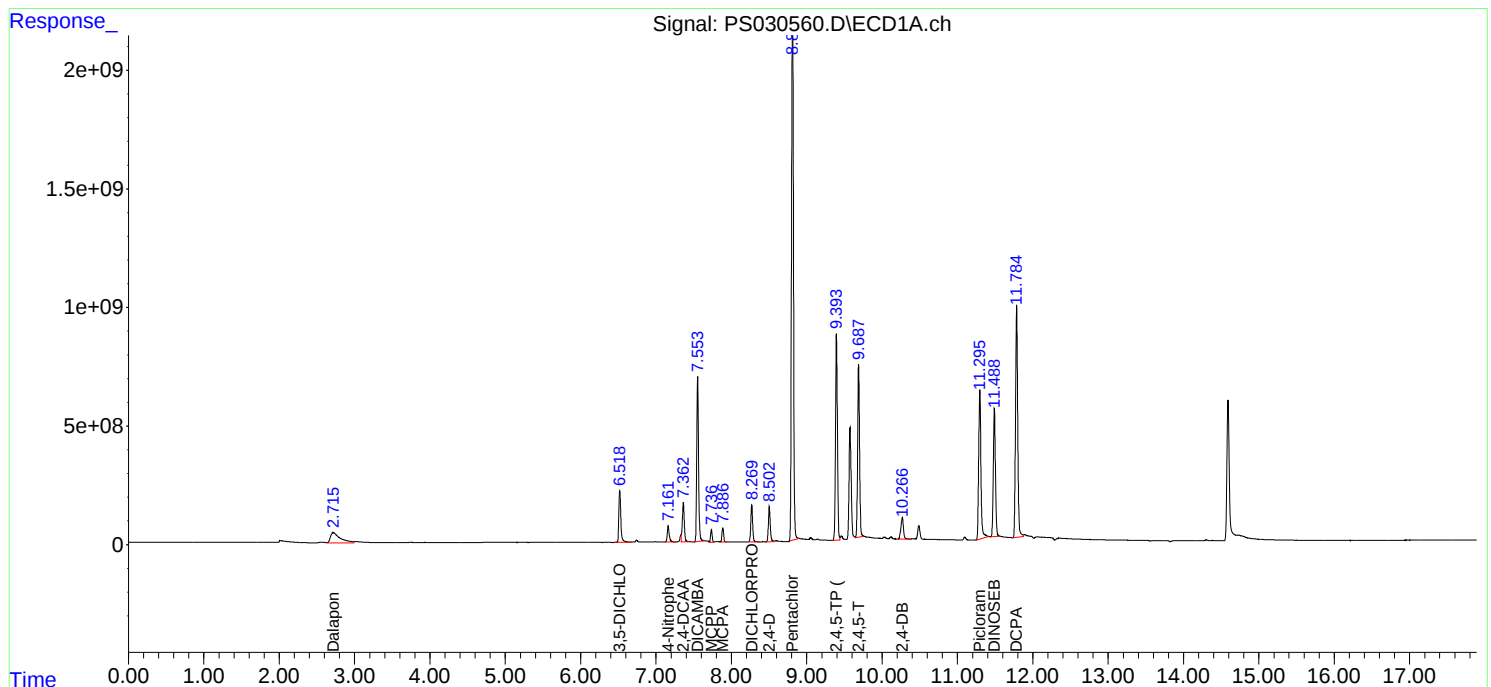
APPROVED

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 06:05:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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





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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 12:17 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.39	9.40	9.30	9.50	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 12:17 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00



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CALIBRATION VERIFICATION SUMMARY
Contract: PORT06
Lab Code: CHEM **Case No.:** Q2198 **SAS No.:** Q2198 **SDG NO.:** Q2198
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/04/2025 06/04/2025
Client Sample No.: CCAL04 **Date Analyzed:** 06/09/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030563.D **Time Analyzed:** 12:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.391	9.304	9.504	699.960	712.500	-1.8
2,4-D	8.502	8.412	8.612	652.640	705.000	-7.4
2,4-DCAA	7.361	7.269	7.469	717.390	750.000	-4.3



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL04 Date Analyzed: 06/09/2025

Lab Sample No.: HSTDCCC750 Data File : PS030563.D Time Analyzed: 12:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.936	9.842	10.042	692.700	712.500	-2.8
2,4-D	9.029	8.934	9.134	671.090	705.000	-4.8
2,4-DCAA	7.770	7.674	7.874	688.320	750.000	-8.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 12:17
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 07:27:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.361	7.770	2708.2E6	740.4E6	717.386m	688.322
Target Compounds							
1) T	Dalapon	2.713	2.712	3826.6E6	1772.6E6	677.636	646.945
2) T	3,5-DICHL...	6.518	6.715	3720.9E6	1041.7E6	685.716	665.963
3) T	4-Nitroph...	7.161	7.301	1156.9E6	1048.1E6	630.871	668.728
5) T	DICAMBA	7.553	7.973	10900.8E6	4389.1E6	706.810	681.367
6) T	MCP	7.734	8.073	697.9E6	156.5E6	70.455m	67.681
7) T	MCPA	7.885	8.322	839.7E6	195.9E6	66.174	63.470
8) T	DICHLORPROP	8.269	8.693	2466.6E6	990.6E6	677.987	667.410
9) T	2,4-D	8.502	9.029	2378.0E6	1055.2E6	652.639	671.095
10) T	Pentachlo...	8.810	9.556	38420.2E6	25785.3E6	756.510	713.524
11) T	2,4,5-TP ...	9.391	9.936	14464.7E6	9501.5E6	699.960	692.697
12) T	2,4,5-T	9.686	10.362	12136.6E6	8928.3E6	658.488	683.786
13) T	2,4-DB	10.265	10.929	1858.8E6	755.8E6	612.179m	657.494
14) T	DINOSEB	11.488	11.315	9872.0E6	6938.4E6	686.748	690.384
15) T	Picloram	11.294	12.423	11514.4E6	14358.7E6	575.584m	650.189
16) T	DCPA	11.784	12.359	18859.8E6	14555.7E6	713.303	711.321m

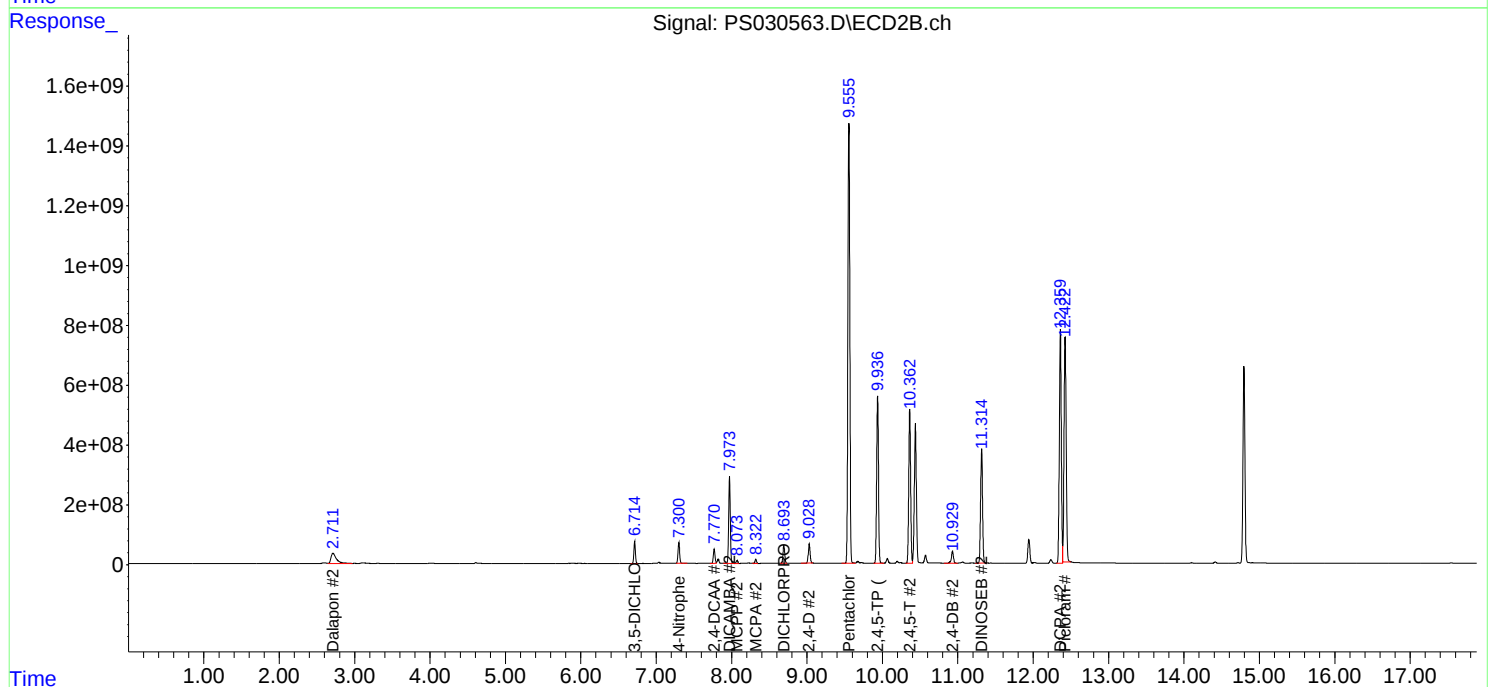
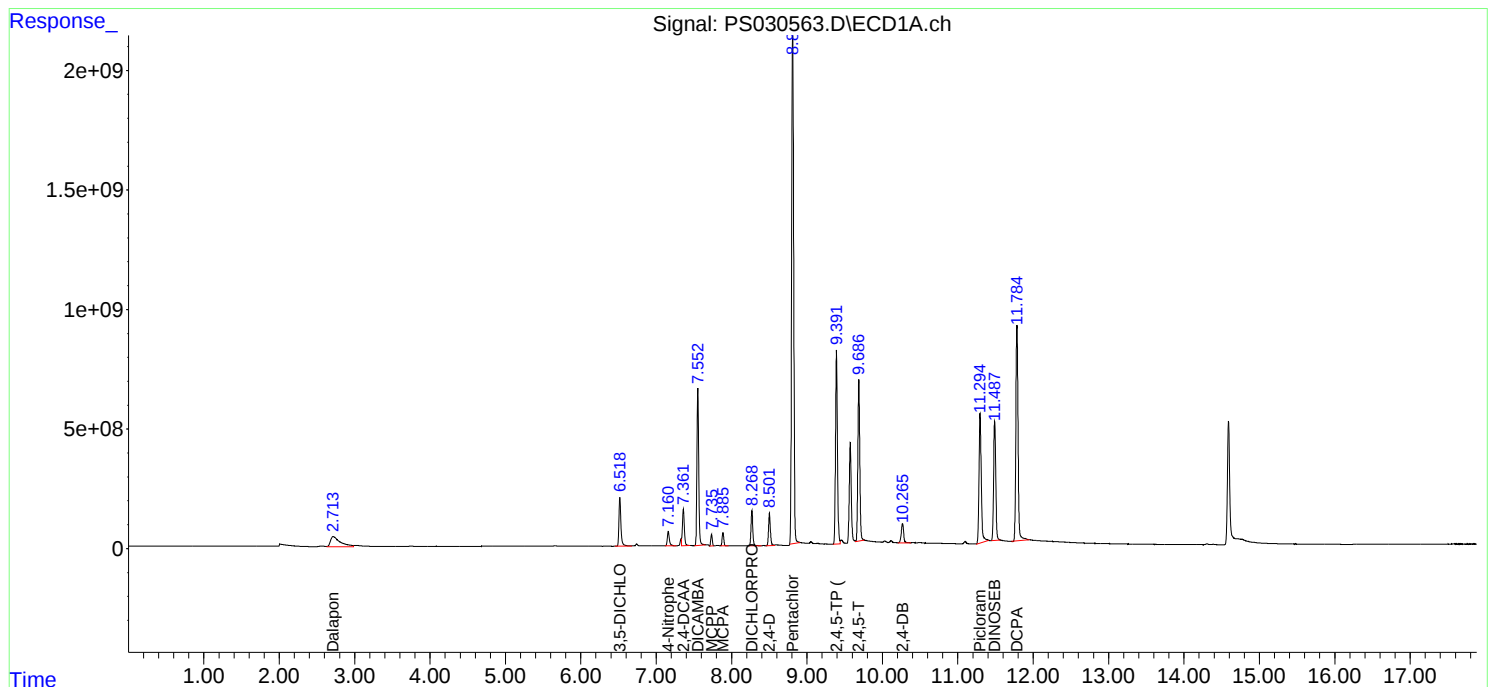
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 12:17
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 07:27:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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





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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 17:46 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.36	7.37	7.27	7.47	0.01
2,4-D	8.50	8.51	8.41	8.61	0.01
2,4,5-TP(Silvex)	9.39	9.40	9.30	9.50	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

Continuing Calib Date: 06/09/2025 Initial Calibration Date(s): 06/04/2025 06/04/2025

Continuing Calib Time: 17:46 Initial Calibration Time(s): 11:19 12:55

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.77	7.77	7.67	7.87	0.00
2,4-D	9.03	9.03	8.93	9.13	0.00
2,4,5-TP(Silvex)	9.94	9.94	9.84	10.04	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q2198 SAS No.: Q2198 SDG NO.: Q2198

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 06/04/2025 06/04/2025

Client Sample No.: CCAL05 Date Analyzed: 06/09/2025

Lab Sample No.: HSTDCCC750 Data File : PS030575.D Time Analyzed: 17:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.390	9.304	9.504	721.350	712.500	1.2
2,4-D	8.500	8.412	8.612	682.250	705.000	-3.2
2,4-DCAA	7.360	7.269	7.469	740.450	750.000	-1.3



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CALIBRATION VERIFICATION SUMMARY
Contract: PORT06
Lab Code: CHEM **Case No.:** Q2198 **SAS No.:** Q2198 **SDG NO.:** Q2198
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/04/2025 06/04/2025
Client Sample No.: CCAL05 **Date Analyzed:** 06/09/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030575.D **Time Analyzed:** 17:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.935	9.842	10.042	715.680	712.500	0.4
2,4-D	9.028	8.934	9.134	699.240	705.000	-0.8
2,4-DCAA	7.769	7.674	7.874	720.580	750.000	-3.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 17:46
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:55:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.360	7.769	2795.3E6	775.1E6	740.449m	720.576
Target Compounds							
1) T	Dalapon	2.714	2.713	3910.0E6	1816.2E6	692.404	662.848
2) T	3,5-DICHL...	6.518	6.714	3820.6E6	1066.5E6	704.076	681.766
3) T	4-Nitroph...	7.160	7.300	1235.8E6	1091.8E6	673.932	696.630
5) T	DICAMBA	7.552	7.973	11212.0E6	4536.3E6	726.988	704.218
6) T	MCP	7.734	8.072	778.8E6	164.5E6	78.625m	71.174
7) T	MCPA	7.884	8.322	880.7E6	201.3E6	69.408	65.227
8) T	DICHLORPROP	8.267	8.693	2547.7E6	1037.1E6	700.266	698.745
9) T	2,4-D	8.500	9.028	2485.9E6	1099.4E6	682.251	699.235
10) T	Pentachlo...	8.809	9.555	39306.6E6	26528.8E6	773.962	734.098
11) T	2,4,5-TP ...	9.390	9.935	14906.8E6	9816.8E6	721.350	715.678
12) T	2,4,5-T	9.685	10.361	12705.4E6	9251.9E6	689.347	708.569
13) T	2,4-DB	10.264	10.928	1923.5E6	789.9E6	633.503	687.129
14) T	DINOSEB	11.486	11.315	10146.6E6	7121.3E6	705.857	708.577
15) T	Picloram	11.292	12.422	12561.8E6	14941.6E6	627.939m	676.583
16) T	DCPA	11.783	12.358	19306.4E6	15105.7E6	730.195	738.197m

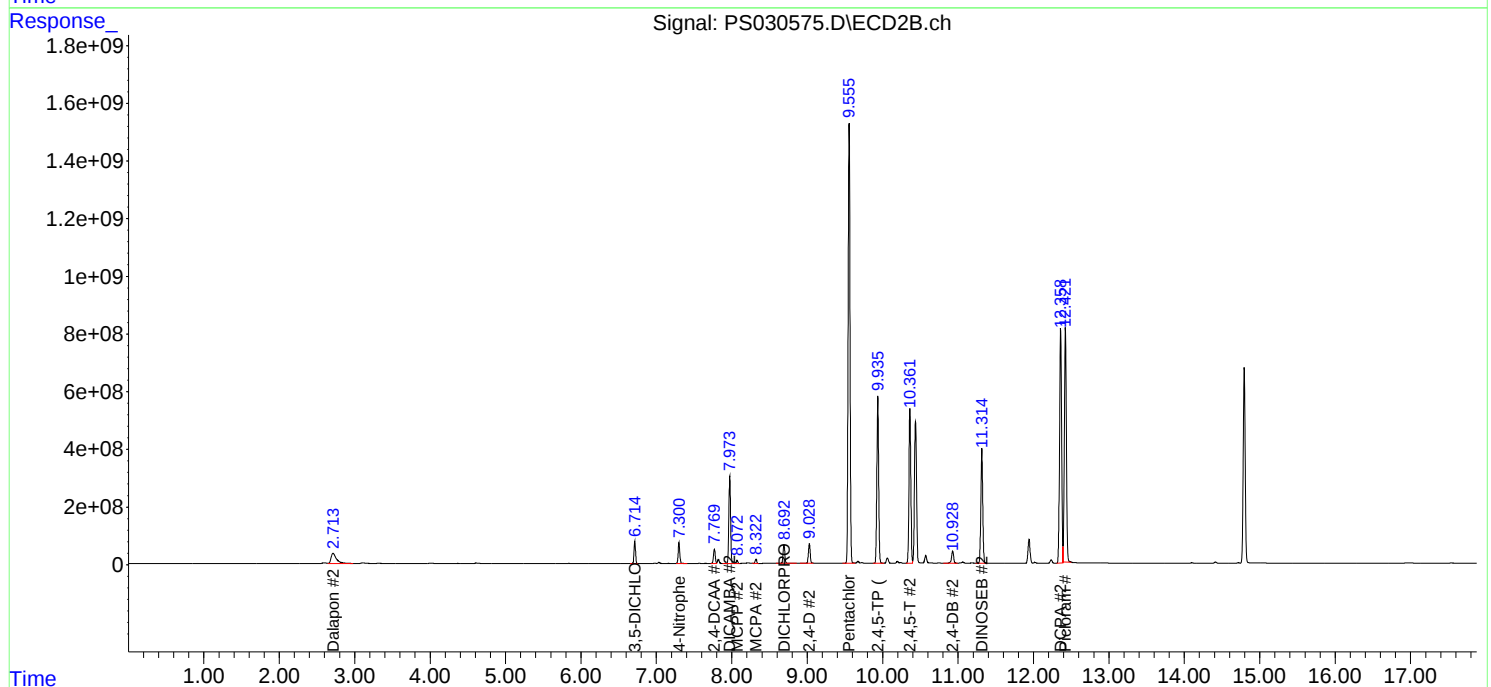
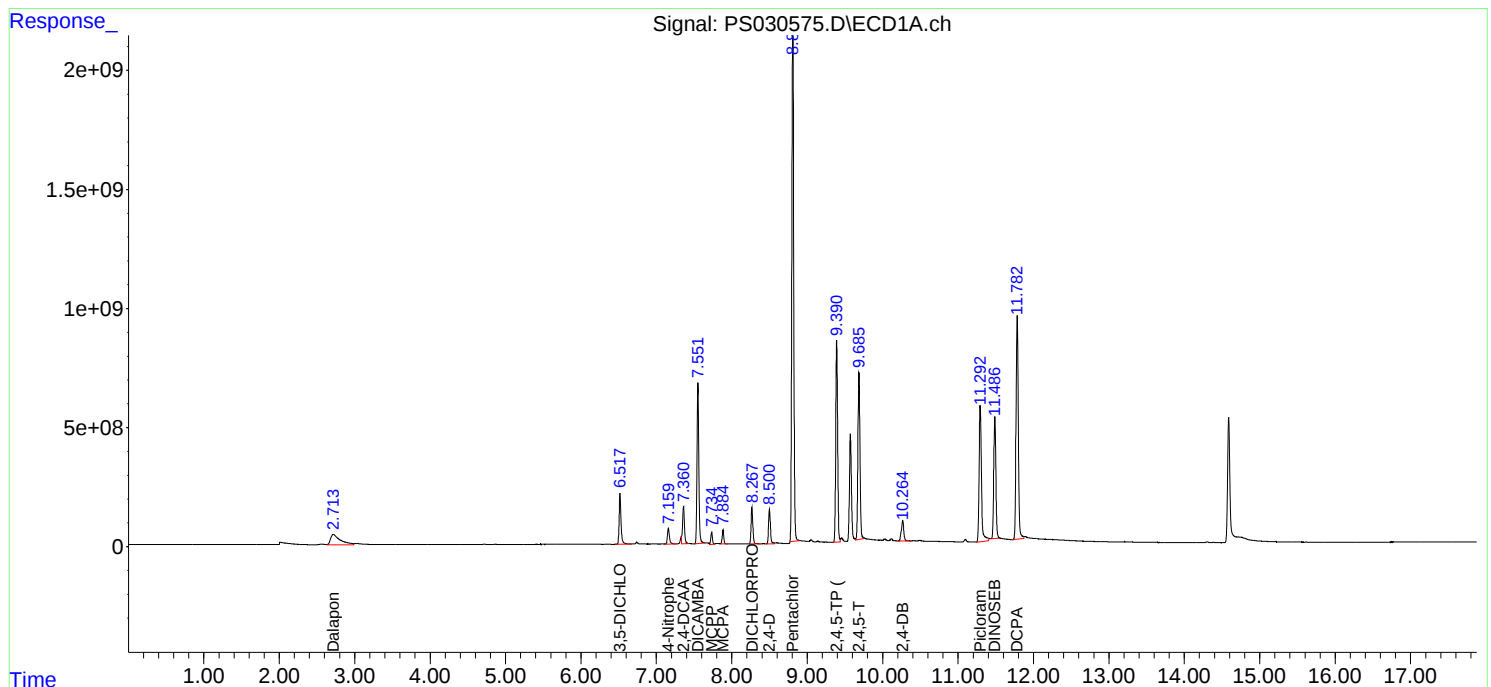
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 17:46
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:55:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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



Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q2198
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 06/04/2025 06/04/2025

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	06/04/2025	10:55	PS030475.D	7.37	0.00
HSTDICC200	HSTDICC200	06/04/2025	11:19	PS030476.D	7.37	0.00
HSTDICC500	HSTDICC500	06/04/2025	11:43	PS030477.D	7.37	0.00
HSTDICC750	HSTDICC750	06/04/2025	12:07	PS030478.D	7.37	0.00
HSTDICC1000	HSTDICC1000	06/04/2025	12:31	PS030479.D	7.37	0.00
HSTDICC1500	HSTDICC1500	06/04/2025	12:55	PS030480.D	7.37	0.00
IBLK	IBLK	06/06/2025	12:07	PS030534.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/06/2025	12:31	PS030535.D	7.36	0.00
PB168329BL	PB168329BL	06/06/2025	22:00	PS030544.D	7.36	0.00
PB168329BS	PB168329BS	06/06/2025	22:24	PS030545.D	7.36	0.00
IBLK	IBLK	06/06/2025	22:48	PS030546.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/06/2025	23:12	PS030547.D	7.36	0.00
PB168271TB	PB168271TB	06/07/2025	03:14	PS030557.D	7.36	0.00
IBLK	IBLK	06/07/2025	04:02	PS030559.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/07/2025	04:26	PS030560.D	7.36	0.00
IBLK	IBLK	06/09/2025	11:53	PS030562.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	12:17	PS030563.D	7.36	0.00
B-202-SB02	Q2198-02	06/09/2025	15:46	PS030570.D	7.36	0.00
B-207-SB02	Q2198-04	06/09/2025	16:10	PS030571.D	7.36	0.00
B-207-SB02MS	Q2198-04MS	06/09/2025	16:34	PS030572.D	7.36	0.00
B-207-SB02MSD	Q2198-04MSD	06/09/2025	16:58	PS030573.D	7.36	0.00
IBLK	IBLK	06/09/2025	17:22	PS030574.D	7.36	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	17:46	PS030575.D	7.36	0.00

Analytical Sequence

Client: Portal Partners Tri-Venture	SDG No.: Q2198
Project: Amtrak Sawtooth Bridges 2025	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 06/04/2025 06/04/2025

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	06/04/2025	10:55	PS030475.D	7.77	0.00
HSTDICC200	HSTDICC200	06/04/2025	11:19	PS030476.D	7.77	0.00
HSTDICC500	HSTDICC500	06/04/2025	11:43	PS030477.D	7.77	0.00
HSTDICC750	HSTDICC750	06/04/2025	12:07	PS030478.D	7.77	0.00
HSTDICC1000	HSTDICC1000	06/04/2025	12:31	PS030479.D	7.77	0.00
HSTDICC1500	HSTDICC1500	06/04/2025	12:55	PS030480.D	7.77	0.00
IBLK	IBLK	06/06/2025	12:07	PS030534.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/06/2025	12:31	PS030535.D	7.77	0.00
PB168329BL	PB168329BL	06/06/2025	22:00	PS030544.D	7.77	0.00
PB168329BS	PB168329BS	06/06/2025	22:24	PS030545.D	7.77	0.00
IBLK	IBLK	06/06/2025	22:48	PS030546.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/06/2025	23:12	PS030547.D	7.77	0.00
PB168271TB	PB168271TB	06/07/2025	03:14	PS030557.D	7.77	0.00
IBLK	IBLK	06/07/2025	04:02	PS030559.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/07/2025	04:26	PS030560.D	7.77	0.00
IBLK	IBLK	06/09/2025	11:53	PS030562.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	12:17	PS030563.D	7.77	0.00
B-202-SB02	Q2198-02	06/09/2025	15:46	PS030570.D	7.77	0.00
B-207-SB02	Q2198-04	06/09/2025	16:10	PS030571.D	7.77	0.00
B-207-SB02MS	Q2198-04MS	06/09/2025	16:34	PS030572.D	7.77	0.00
B-207-SB02MSD	Q2198-04MSD	06/09/2025	16:58	PS030573.D	7.77	0.00
IBLK	IBLK	06/09/2025	17:22	PS030574.D	7.77	0.00
HSTDCCC750	HSTDCCC750	06/09/2025	17:46	PS030575.D	7.77	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-207-SB02MS

Contract: PORT06

Lab Code: CHEM Case No.: Q2198

SAS No.: Q2198 SDG NO.: Q2198

Lab Sample ID: Q2198-04MS

Date(s) Analyzed: 06/09/2025 06/09/2025

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	8.50	8.45	8.55	49.9	3.9
	2	9.03	8.98	9.08	48.0	
2,4,5-TP(Silvex)	1	9.39	9.34	9.44	49.4	1.4
	2	9.94	9.89	9.99	50.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-207-SB02MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q2198

SAS No.: Q2198

SDG NO.: Q2198

Lab Sample ID: Q2198-04MSD

Date(s) Analyzed: 06/09/2025 06/09/2025

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	8.50	8.45	8.55	49.5	10.2
	2	9.03	8.98	9.08	44.7	
2,4,5-TP(Silvex)	1	9.39	9.34	9.44	49.0	1.8
	2	9.94	9.89	9.99	49.9	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168329BS

Contract: PORT06

Lab Code: CHEM **Case No.:** Q2198

SAS No.: Q2198

SDG NO.: Q2198

Lab Sample ID: PB168329BS

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

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	8.50	8.45	8.55	4.70	8.2
	2	9.03	8.98	9.08	5.10	
2,4,5-TP(Silvex)	1	9.39	9.34	9.44	5.00	2
	2	9.94	9.89	9.99	4.90	



QC SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168329BL	SDG No.:	Q2198
Lab Sample ID:	PB168329BL	Matrix:	TCLP
Analytical Method:	8151A	% 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
PS030544.D	1	06/06/25 11:45	06/06/25 22:00	PB168329

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	484		70 (61) - 130 (136)	97%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 22:00
 Operator : AR\AJ
 Sample : PB168329BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168329BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 01:18:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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
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System Monitoring Compounds

4) S	2,4-DCAA	7.363	7.771	1605.3E6	520.9E6	425.236	484.270
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Target Compounds

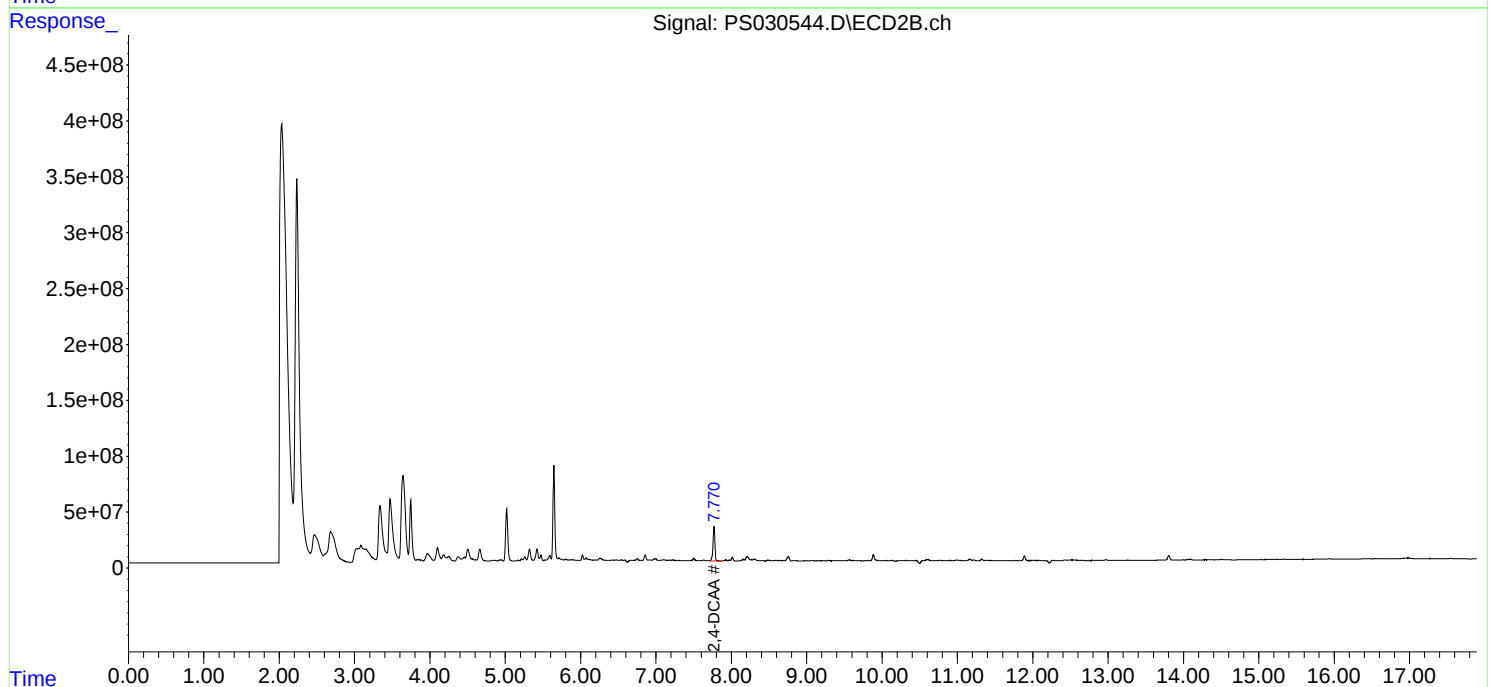
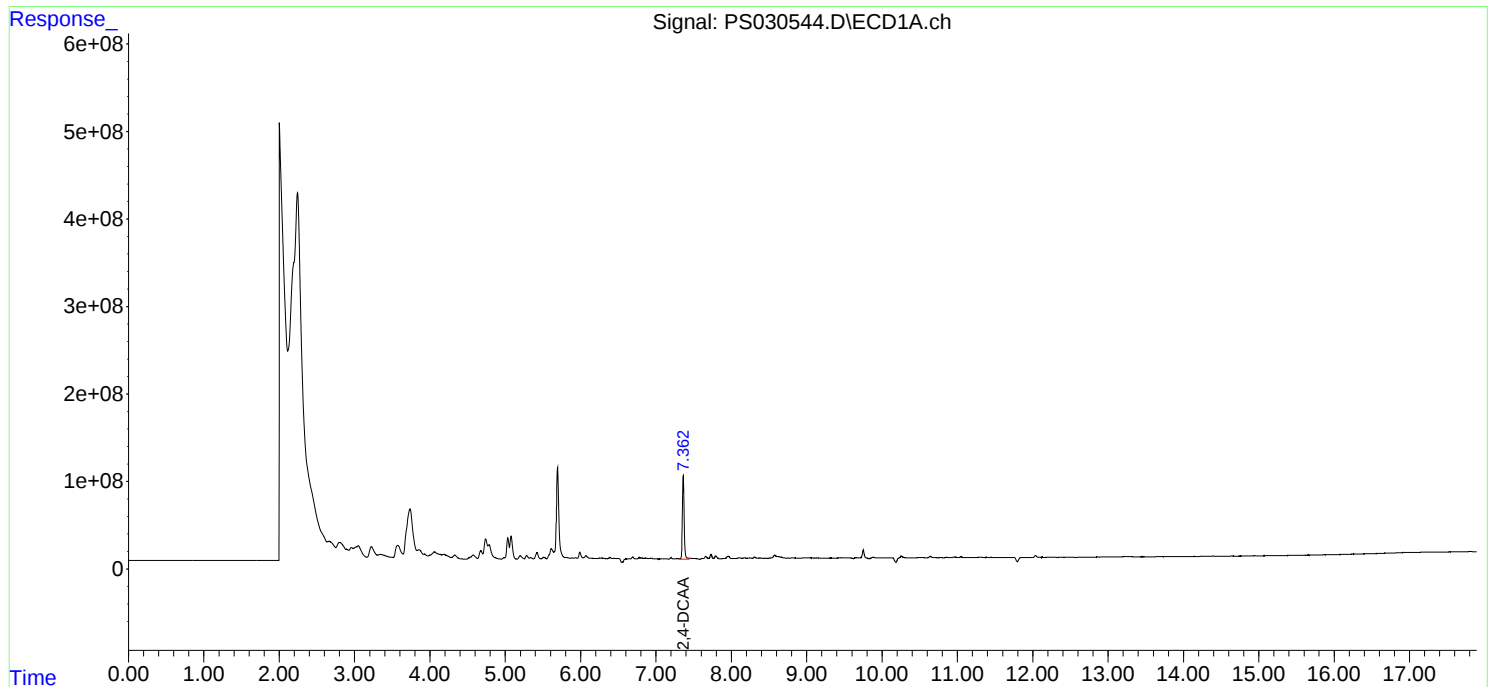
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

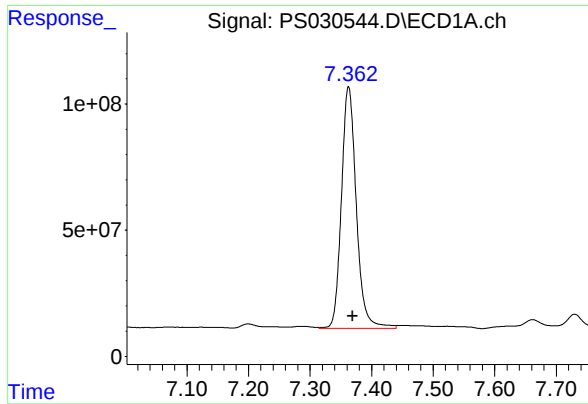
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030544.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 22:00
Operator : AR\AJ
Sample : PB168329BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168329BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 01:18:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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

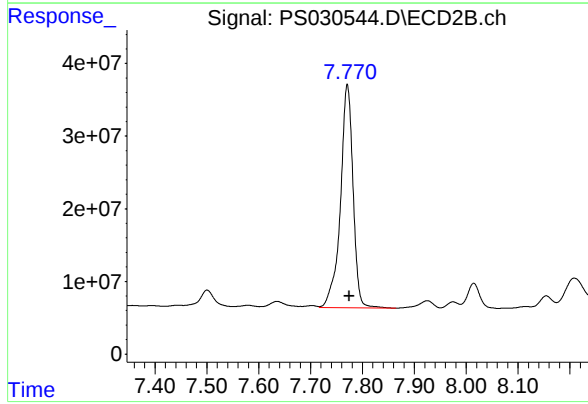




#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 1605327221
Conc: 425.24 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168329BL



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 520886221
Conc: 484.27 ng/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/04/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/04/25
Client Sample ID:	PIBLK-PS030475.D	SDG No.:	Q2198
Lab Sample ID:	I.BLK-PS030475.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030475.D	1		06/04/25	PS060425

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	445		70 (61) - 130 (136)	89%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030475.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 10:55
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 13:22:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.370	7.773	1564.7E6	478.3E6	414.469	444.721
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Target Compounds

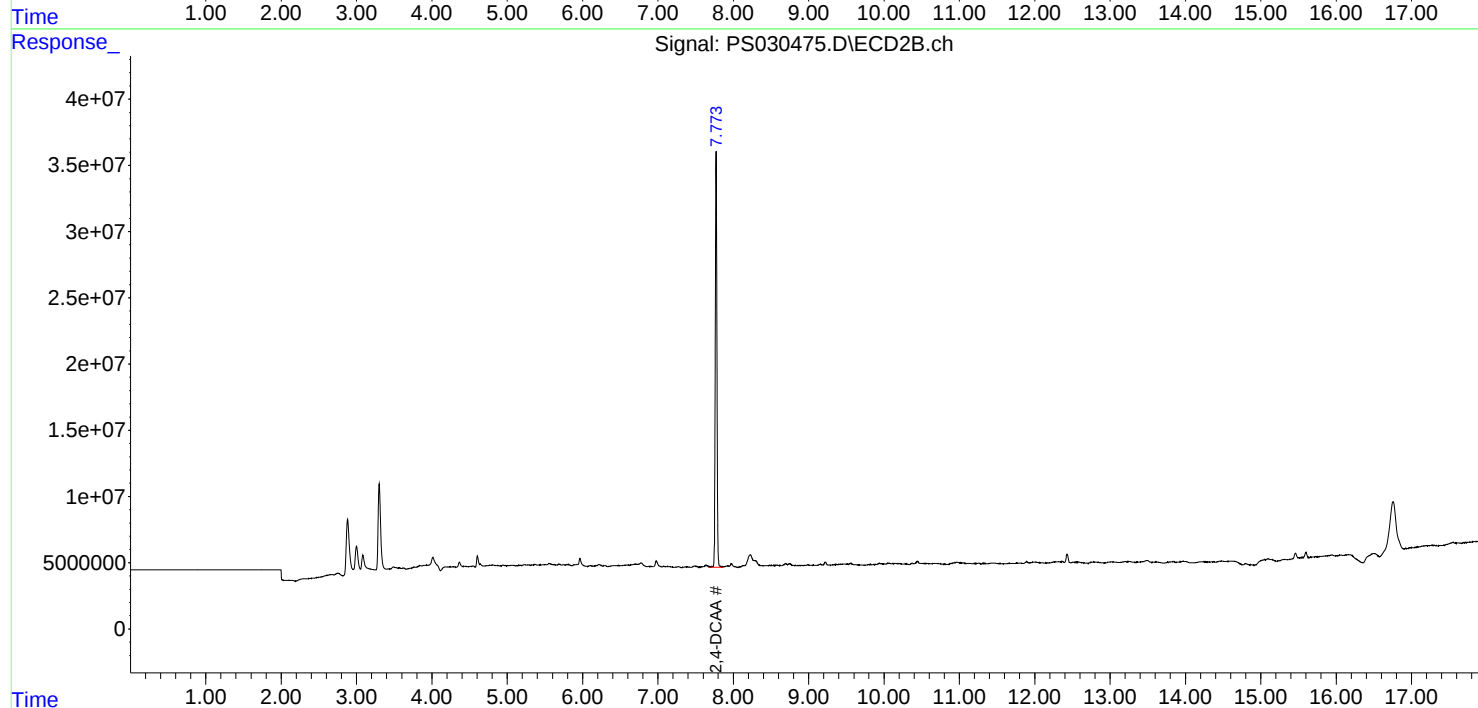
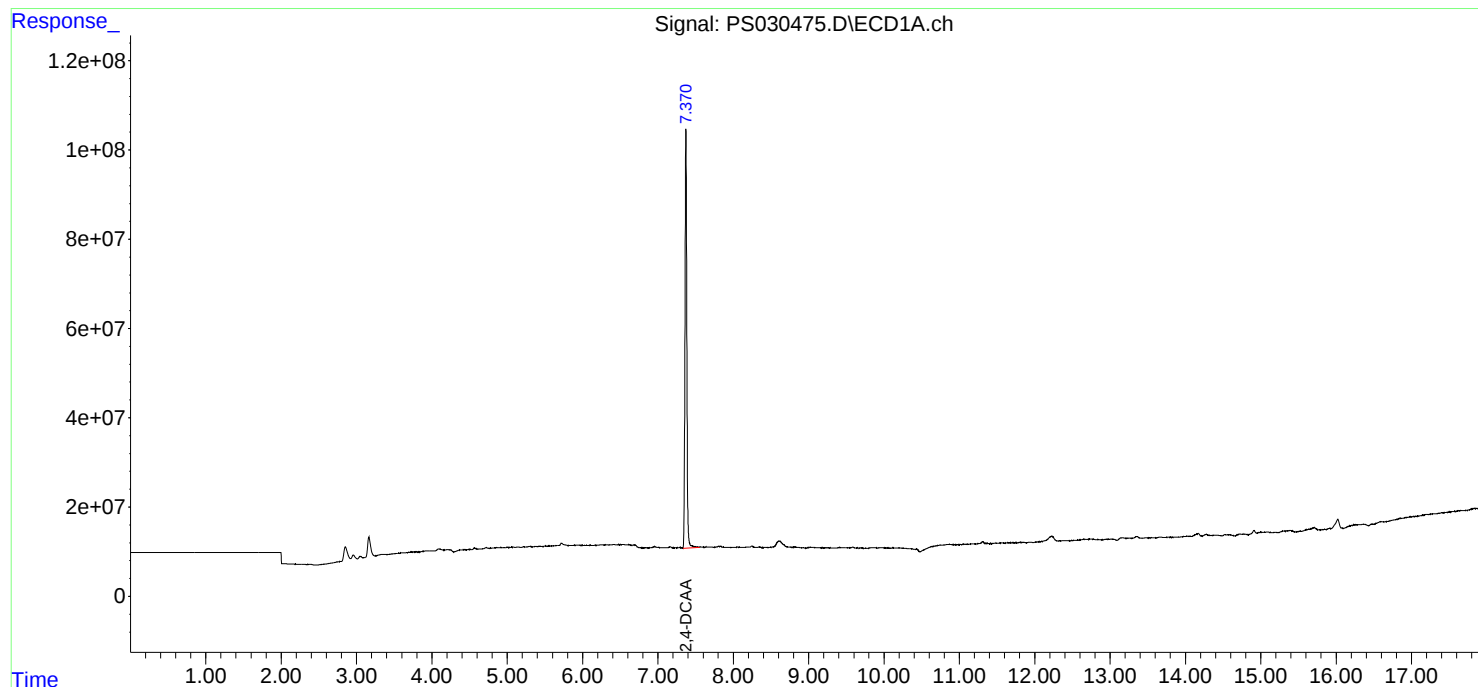
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

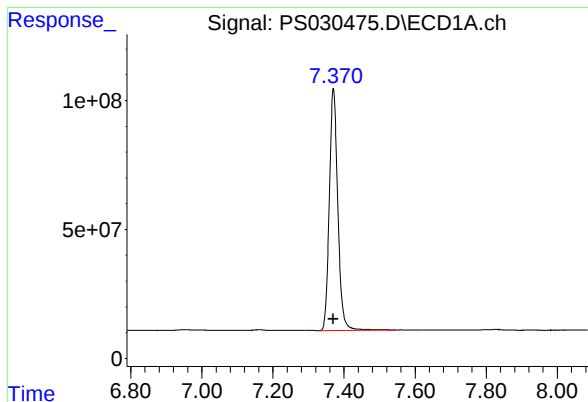
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
Data File : PS030475.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 10:55
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 13:22:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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.: 7.370 min

Delta R.T.: 0.001 min

Response: 1564680230

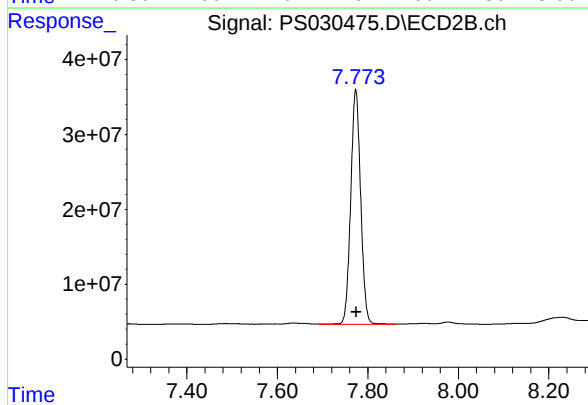
Conc: 414.47 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.773 min

Delta R.T.: -0.001 min

Response: 478346753

Conc: 444.72 ng/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/06/25
Client Sample ID:	PIBLK-PS030534.D	SDG No.:	Q2198
Lab Sample ID:	I.BLK-PS030534.D	Matrix:	TCLP
Analytical Method:	8151A	% 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
PS030534.D	1		06/06/25	ps060625

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	469		70 (61) - 130 (136)	94%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030534.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 12:07
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 01:16:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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	7.363	7.771	1718.0E6	504.9E6	455.085	469.425

Target Compounds

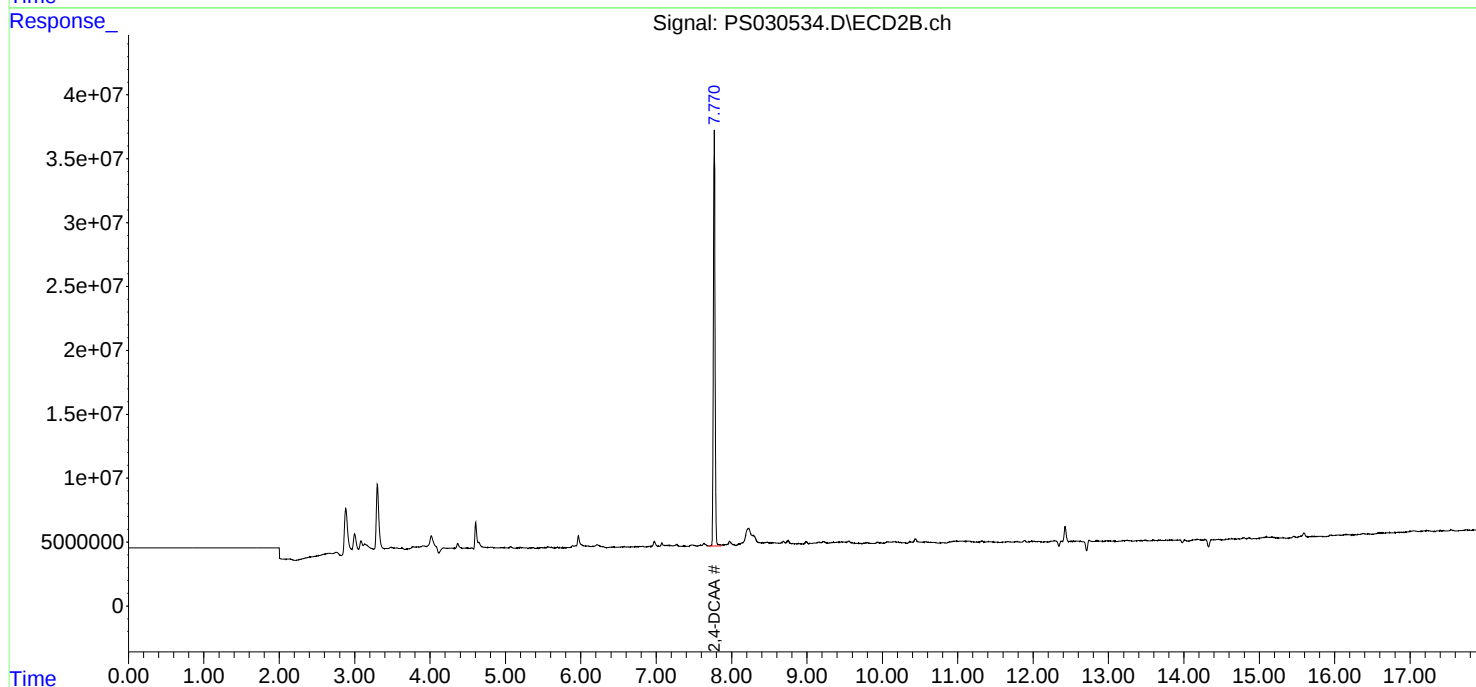
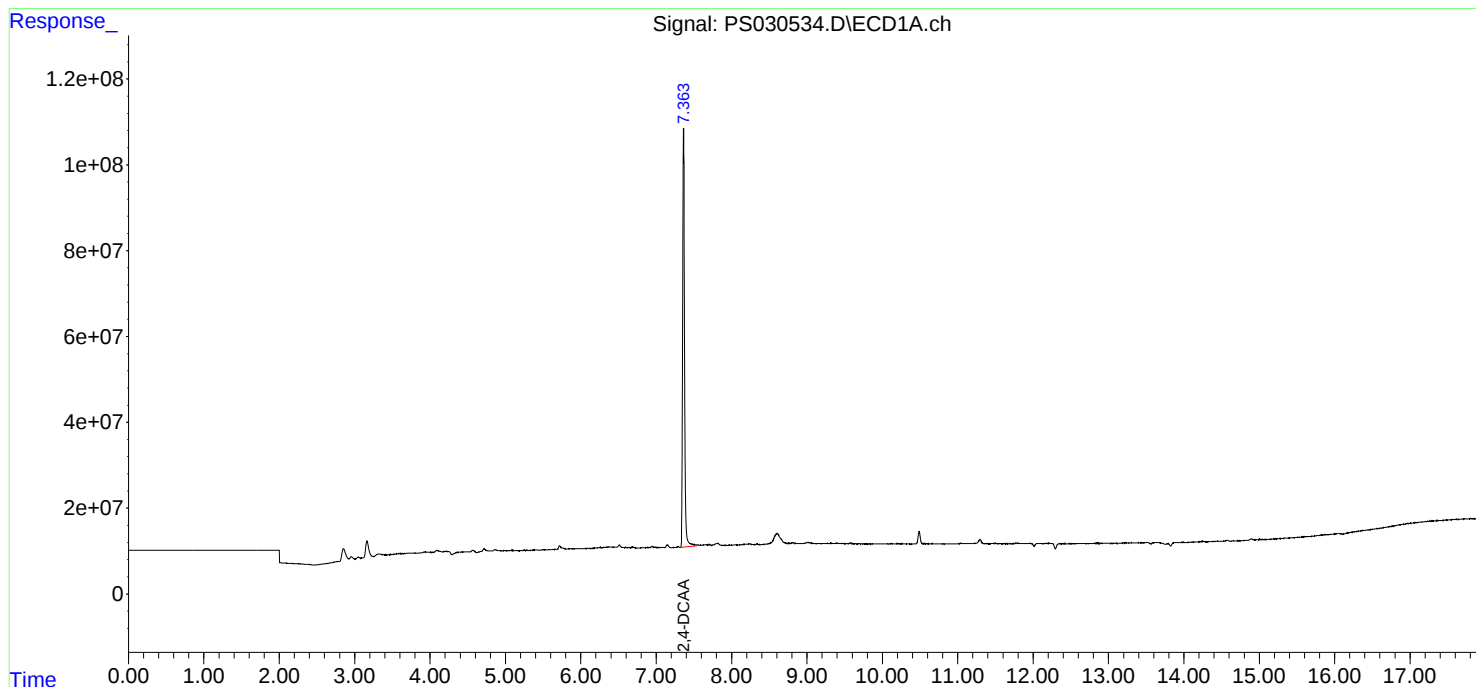
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

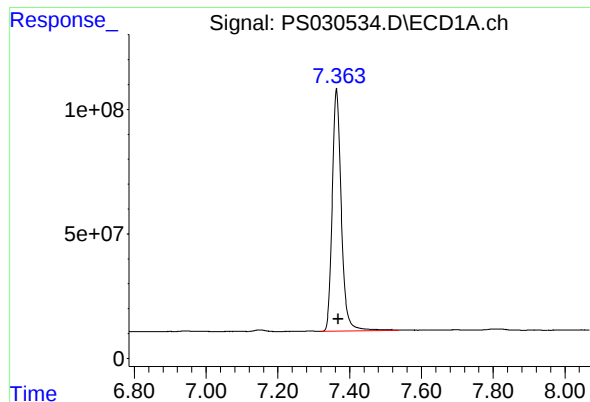
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030534.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 12:07
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 01:16:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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

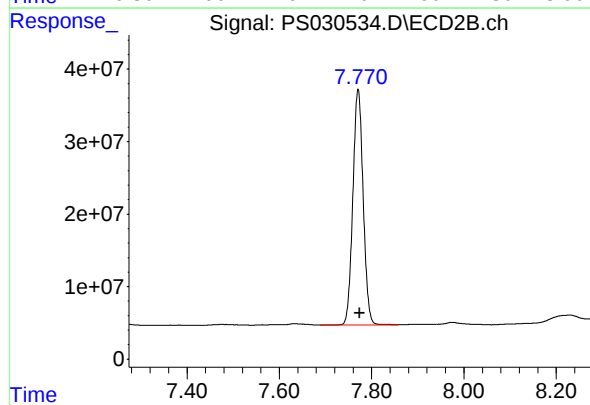




#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 1718013754
Conc: 455.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 504918858
Conc: 469.43 ng/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/06/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/06/25
Client Sample ID:	PIBLK-PS030546.D	SDG No.:	Q2198
Lab Sample ID:	I.BLK-PS030546.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030546.D	1		06/06/25	ps060625

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	474		70 (61) - 130 (136)	95%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 22:48
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 23:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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	7.362	7.771	1713.8E6	509.8E6	453.966	473.946

Target Compounds

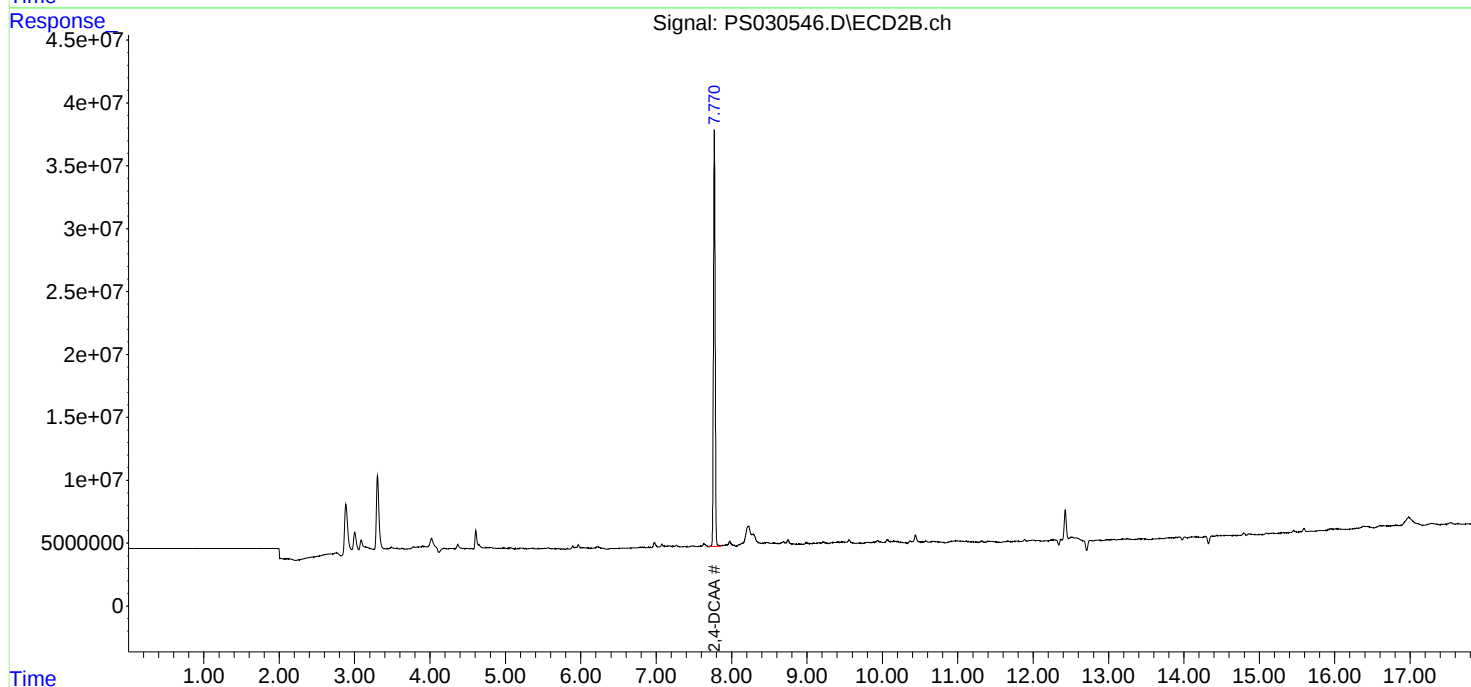
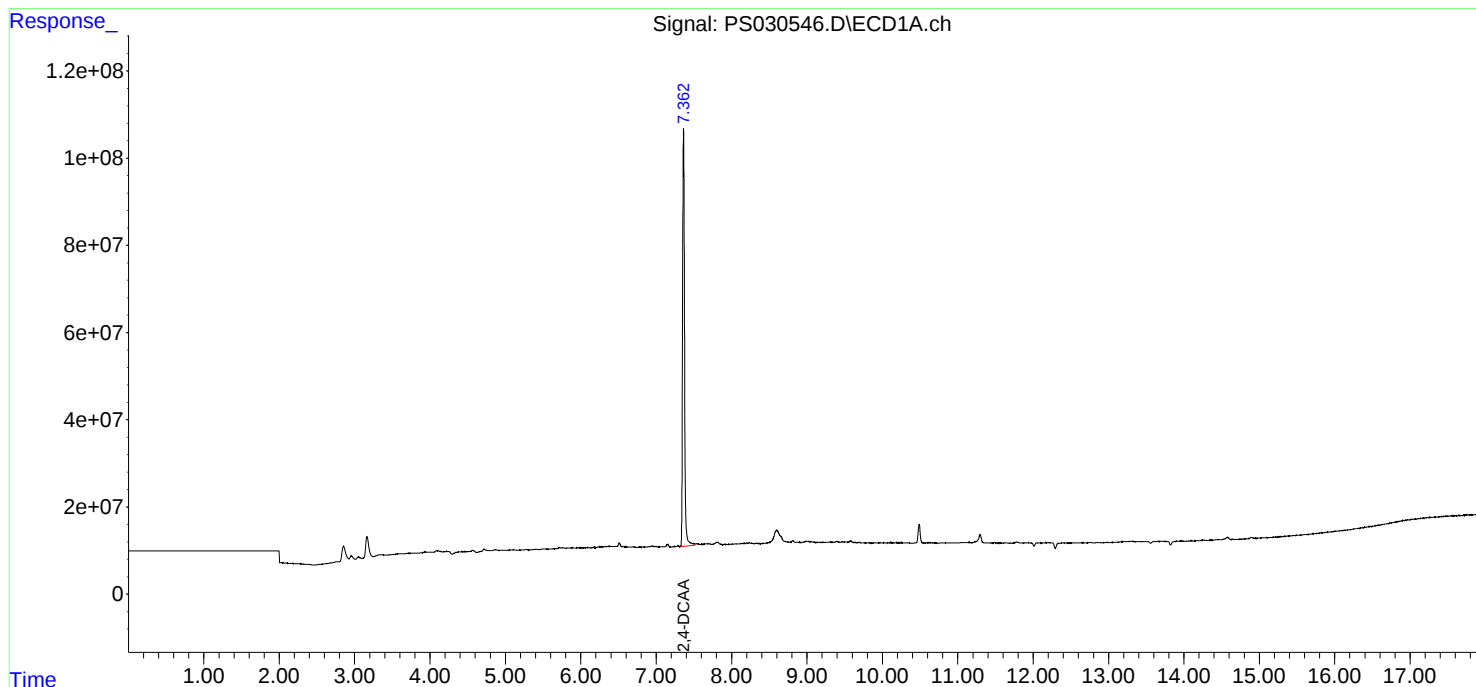
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

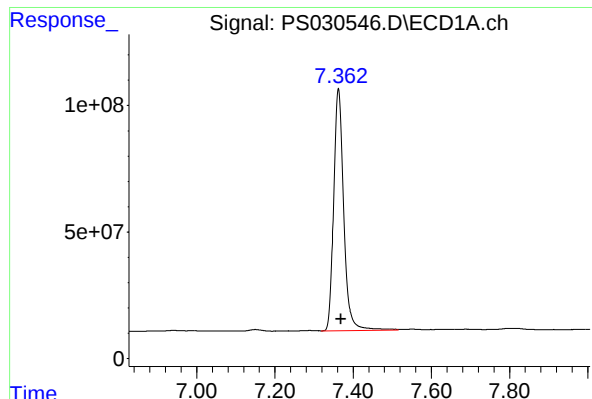
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 22:48
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 23:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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.: 7.362 min

Delta R.T.: -0.007 min

Response: 1713788373

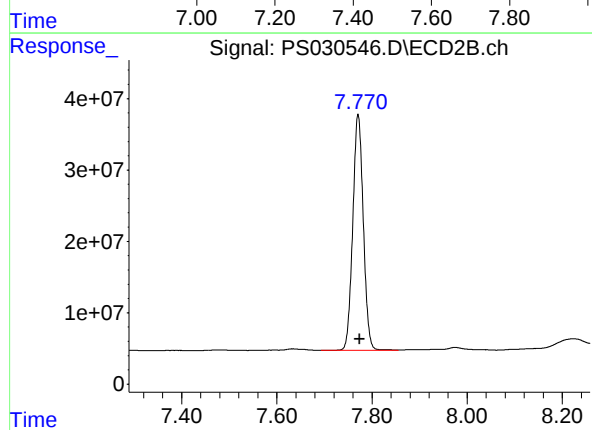
Conc: 453.97 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.771 min

Delta R.T.: -0.004 min

Response: 509781716

Conc: 473.95 ng/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/07/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/07/25
Client Sample ID:	PIBLK-PS030559.D	SDG No.:	Q2198
Lab Sample ID:	I.BLK-PS030559.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030559.D	1		06/07/25	ps060625

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	474		70 (61) - 130 (136)	95%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jun 2025 04:02
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 04:48:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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
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System Monitoring Compounds

4) S	2,4-DCAA	7.363	7.770	1729.7E6	509.5E6	458.183	473.639
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Target Compounds

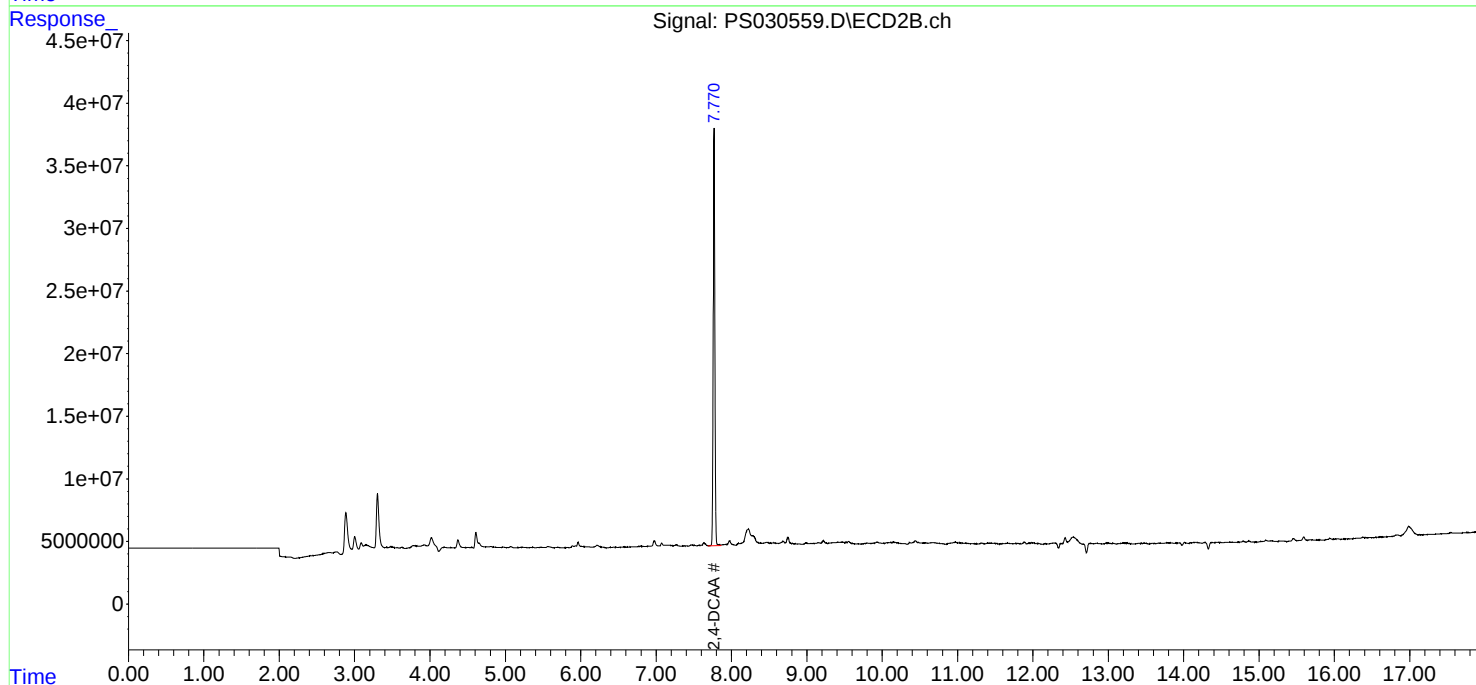
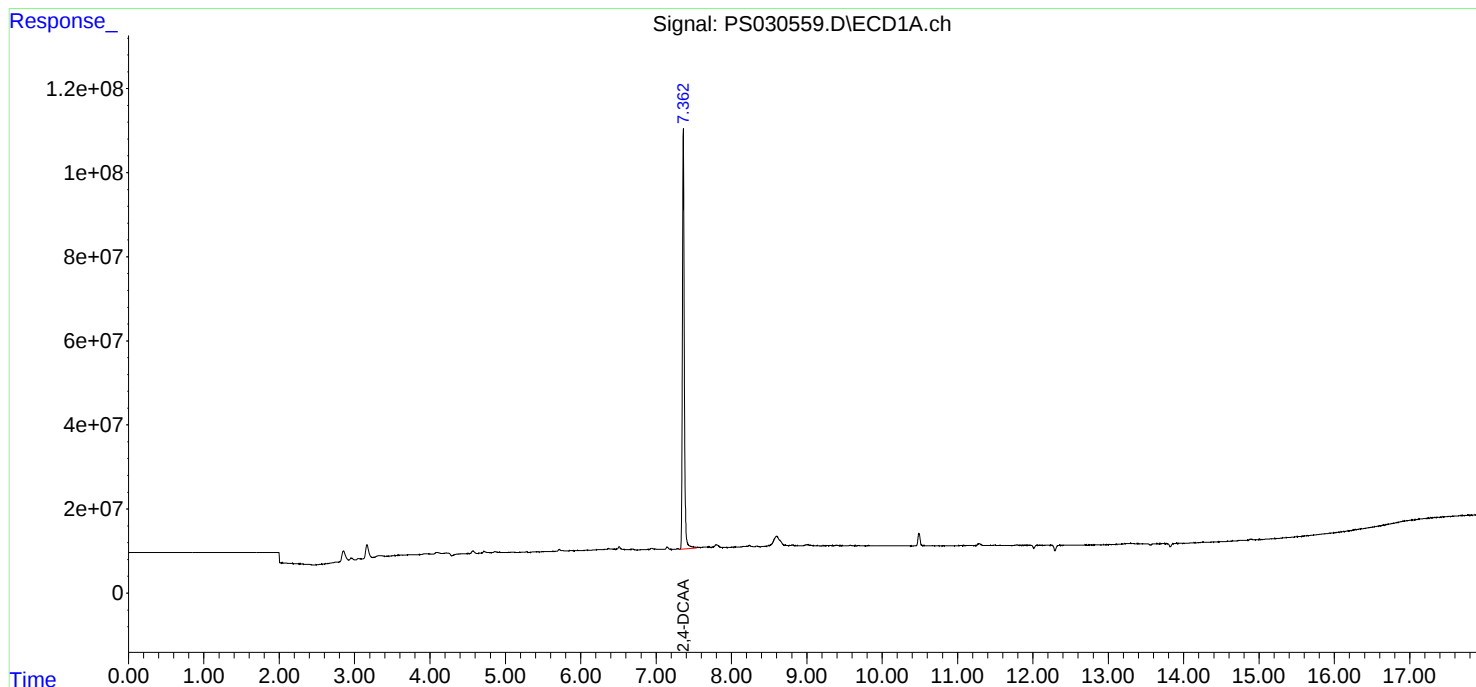
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

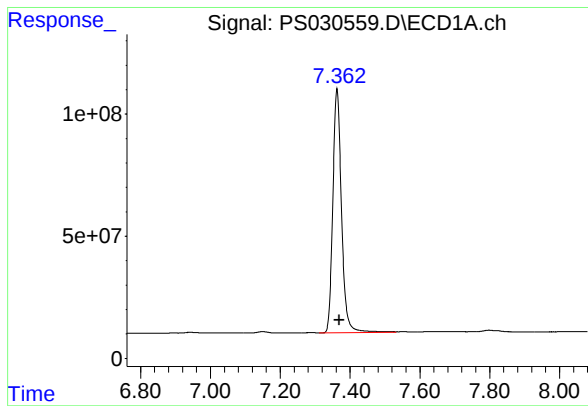
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jun 2025 04:02
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 04:48:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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

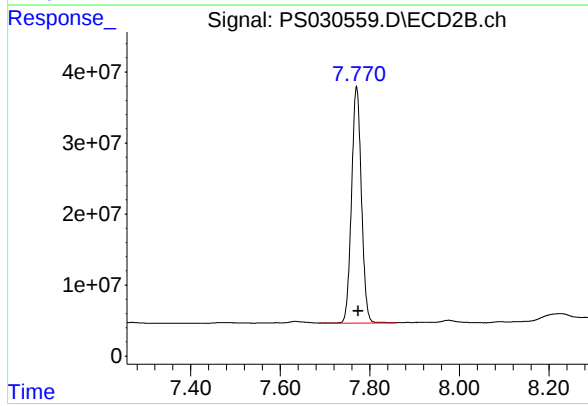




#4 2,4-DCAA

R.T.: 7.363 min
Delta R.T.: -0.007 min
Response: 1729708375
Conc: 458.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 509451436
Conc: 473.64 ng/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/09/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/09/25
Client Sample ID:	PIBLK-PS030562.D	SDG No.:	Q2198
Lab Sample ID:	I.BLK-PS030562.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030562.D	1		06/09/25	ps060925

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	447		70 (61) - 130 (136)	89%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 11:53
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:52:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.362	7.769	1634.0E6	480.5E6	432.842	446.735

Target Compounds

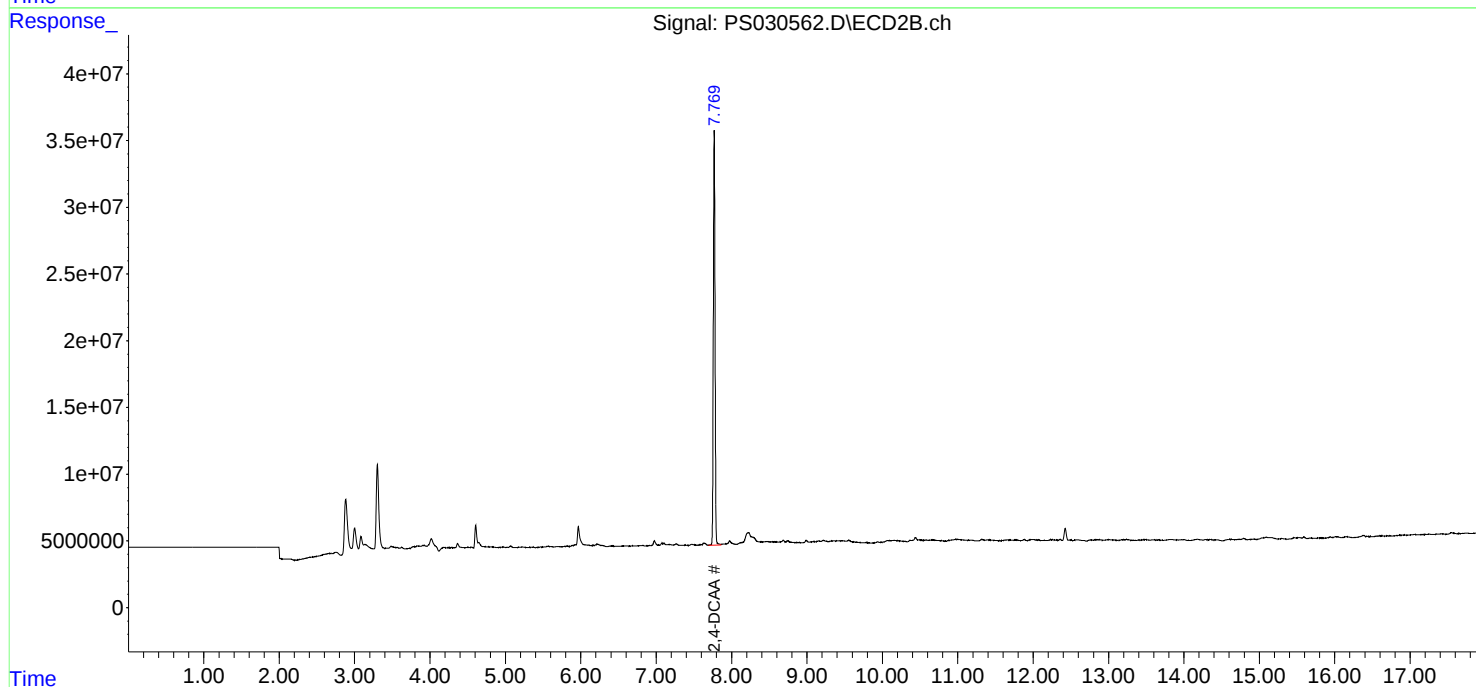
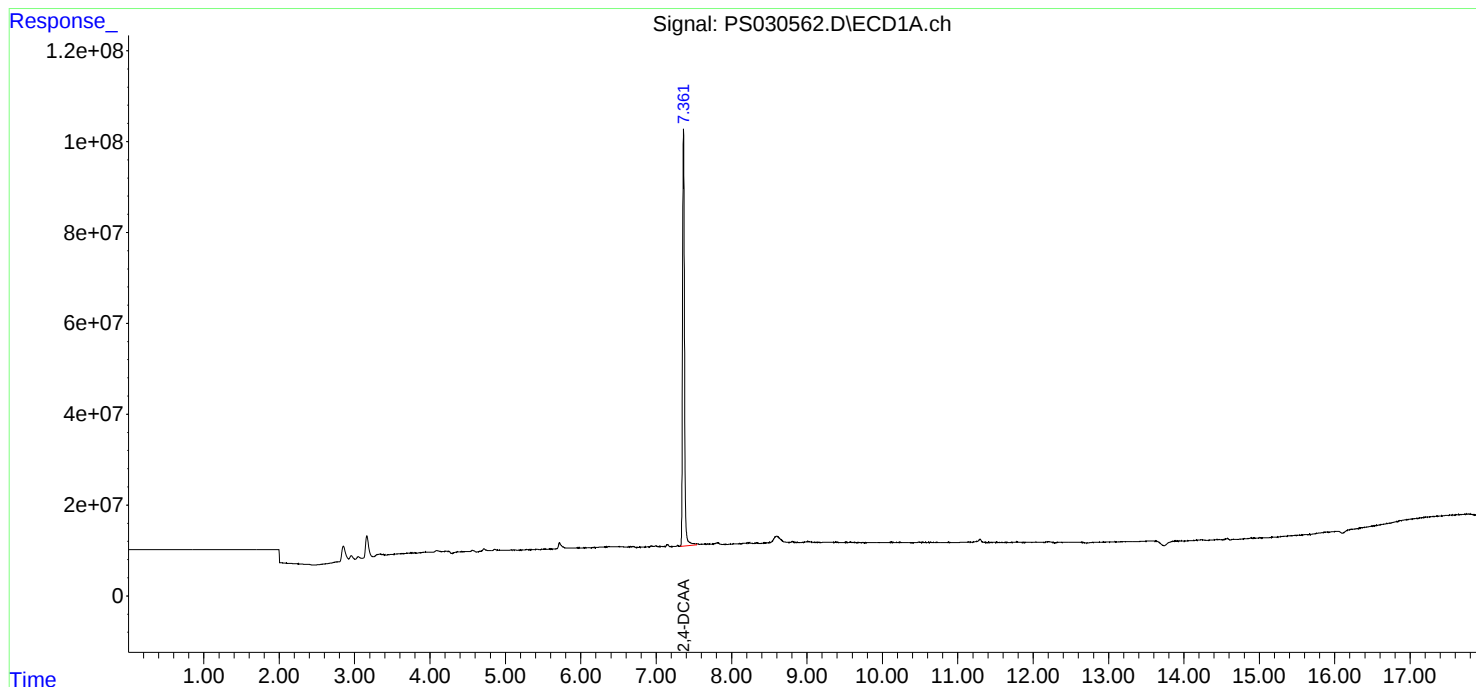
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

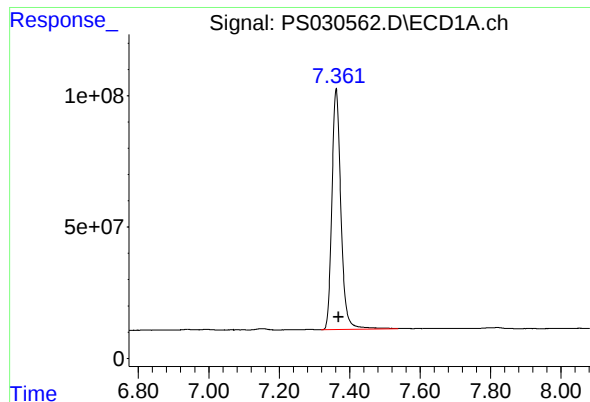
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 11:53
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:52:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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.: 7.362 min

Delta R.T.: -0.007 min

Response: 1634041627

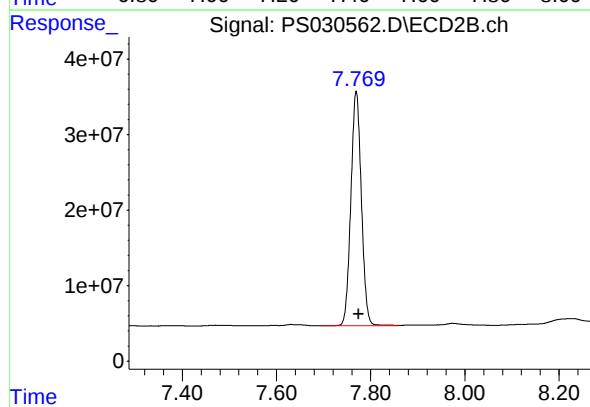
Conc: 432.84 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.769 min

Delta R.T.: -0.005 min

Response: 480512604

Conc: 446.73 ng/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/09/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/09/25
Client Sample ID:	PIBLK-PS030574.D	SDG No.:	Q2198
Lab Sample ID:	I.BLK-PS030574.D	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030574.D	1		06/09/25	ps060925

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	454		70 (61) - 130 (136)	91%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 17:22
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:55:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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
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System Monitoring Compounds

4) S	2,4-DCAA	7.361	7.769	1648.7E6	488.1E6	436.726	453.771
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Target Compounds

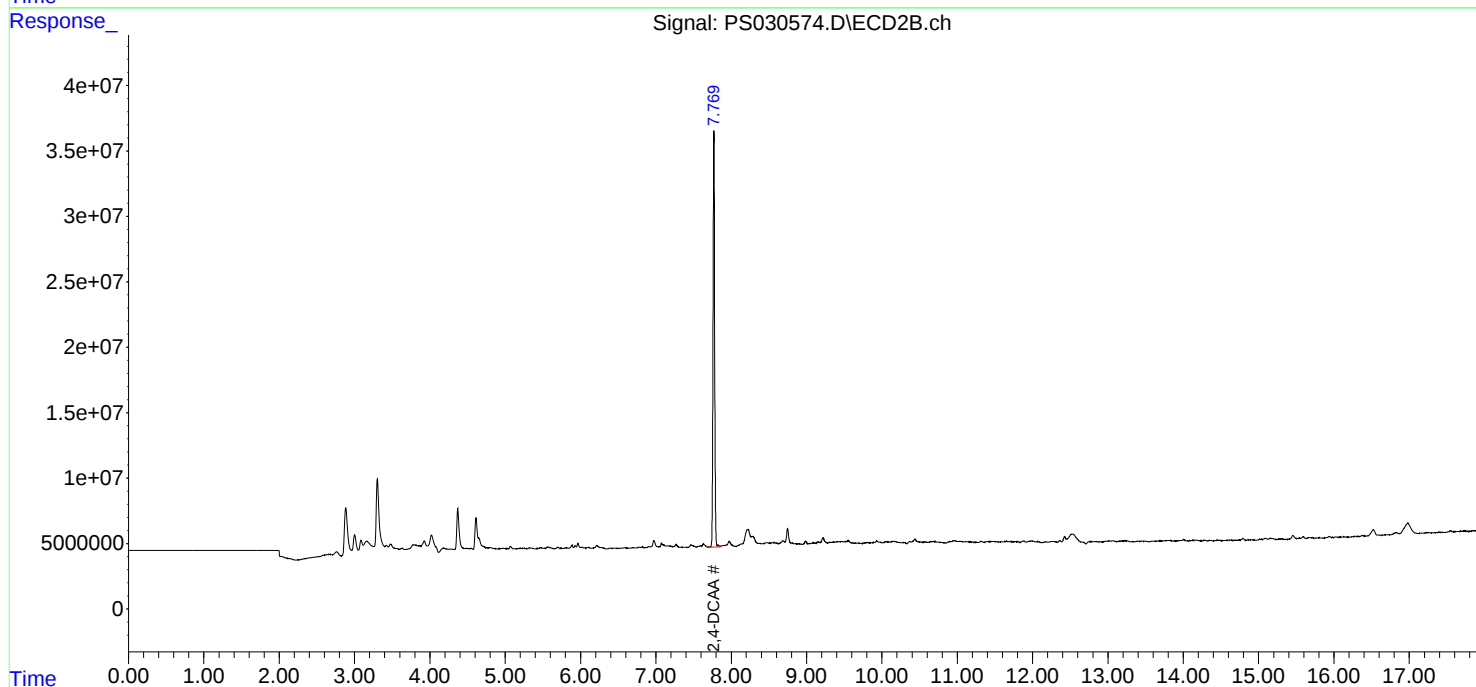
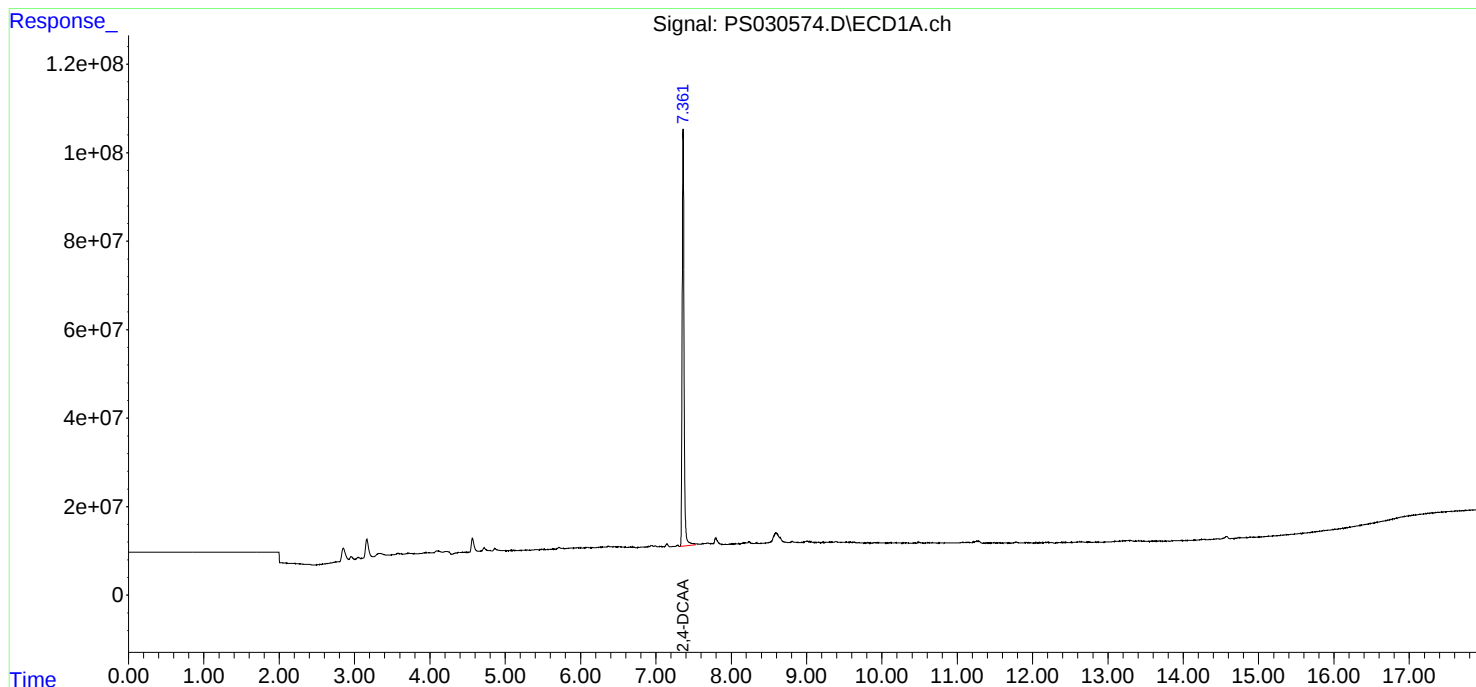
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

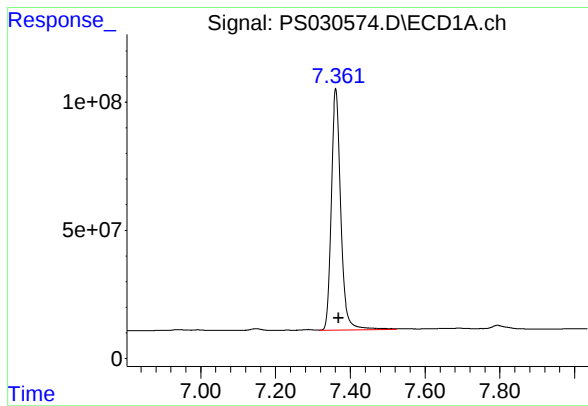
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 17:22
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:55:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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.: 7.361 min

Delta R.T.: -0.008 min

Response: 1648705343

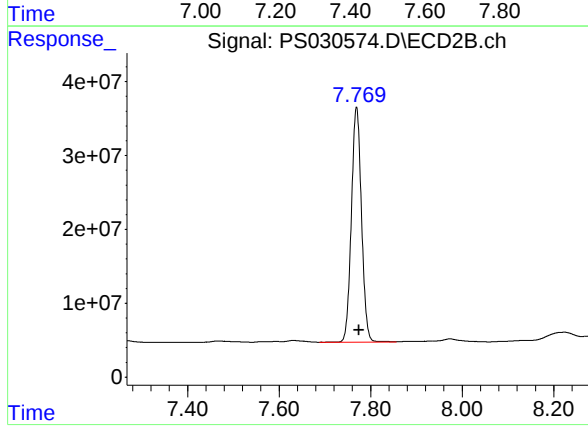
Conc: 436.73 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.769 min

Delta R.T.: -0.005 min

Response: 488080548

Conc: 453.77 ng/ml

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	
Client Sample ID:	PB168329BS	SDG No.:	Q2198
Lab Sample ID:	PB168329BS	Matrix:	TCLP
Analytical Method:	8151A	% 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
PS030545.D	1	06/06/25 11:45	06/06/25 22:24	PB168329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	5.10		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.00		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	523		70 (61) - 130 (136)	105%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
 Data File : PS030545.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 22:24
 Operator : AR\AJ
 Sample : PB168329BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168329BS

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 01:18:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.362	7.771	1975.8E6	543.8E6	523.379m	505.558
Target Compounds							
1) T	Dalapon	2.717	2.712	2692.2E6	1264.9E6	476.751	461.623
2) T	3,5-DICHL...	6.519	6.716	2667.6E6	748.2E6	491.603	478.310
3) T	4-Nitroph...	7.162	7.302	833.7E6	749.7E6	454.645	478.335
5) T	DICAMBA	7.553	7.974	7673.4E6	3107.8E6	497.548	482.450
6) T	MCP	7.734	8.073	456.7E6	108.4E6	46.113m	46.886
7) T	MCPA	7.884	8.321	566.7E6	131.2E6	44.656	42.500
8) T	DICHLORPROP	8.269	8.695	1767.5E6	713.3E6	485.822	480.570
9) T	2,4-D	8.502	9.030	1699.6E6	796.5E6	466.472	506.560m
10) T	Pentachlo...	8.811	9.557	27456.5E6	18208.6E6	540.629	503.862
11) T	2,4,5-TP ...	9.393	9.938	10254.1E6	6747.7E6	496.203	491.929
12) T	2,4,5-T	9.687	10.363	8538.1E6	6341.0E6	463.247	485.638
13) T	2,4-DB	10.267	10.931	1286.1E6	547.3E6	423.573	476.127
14) T	DINOSEB	11.489	11.317	7060.9E6	4899.9E6	491.192	487.544
15) T	Picloram	11.295	12.424	8045.3E6	9906.7E6	402.167m	448.594
16) T	DCPA	11.785	12.361	13438.5E6	10255.0E6	508.264	501.148

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060625\
Data File : PS030545.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 22:24
Operator : AR\AJ
Sample : PB168329BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168329BS

Manual Integrations

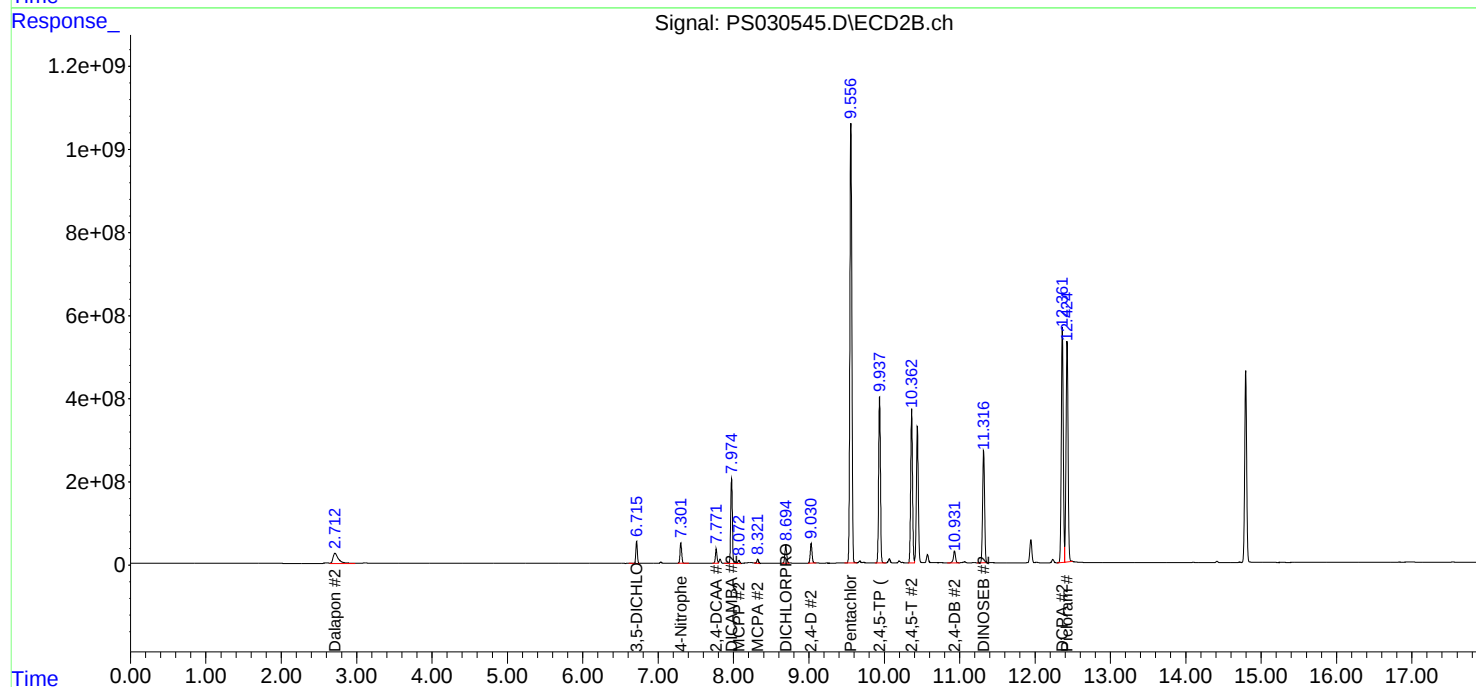
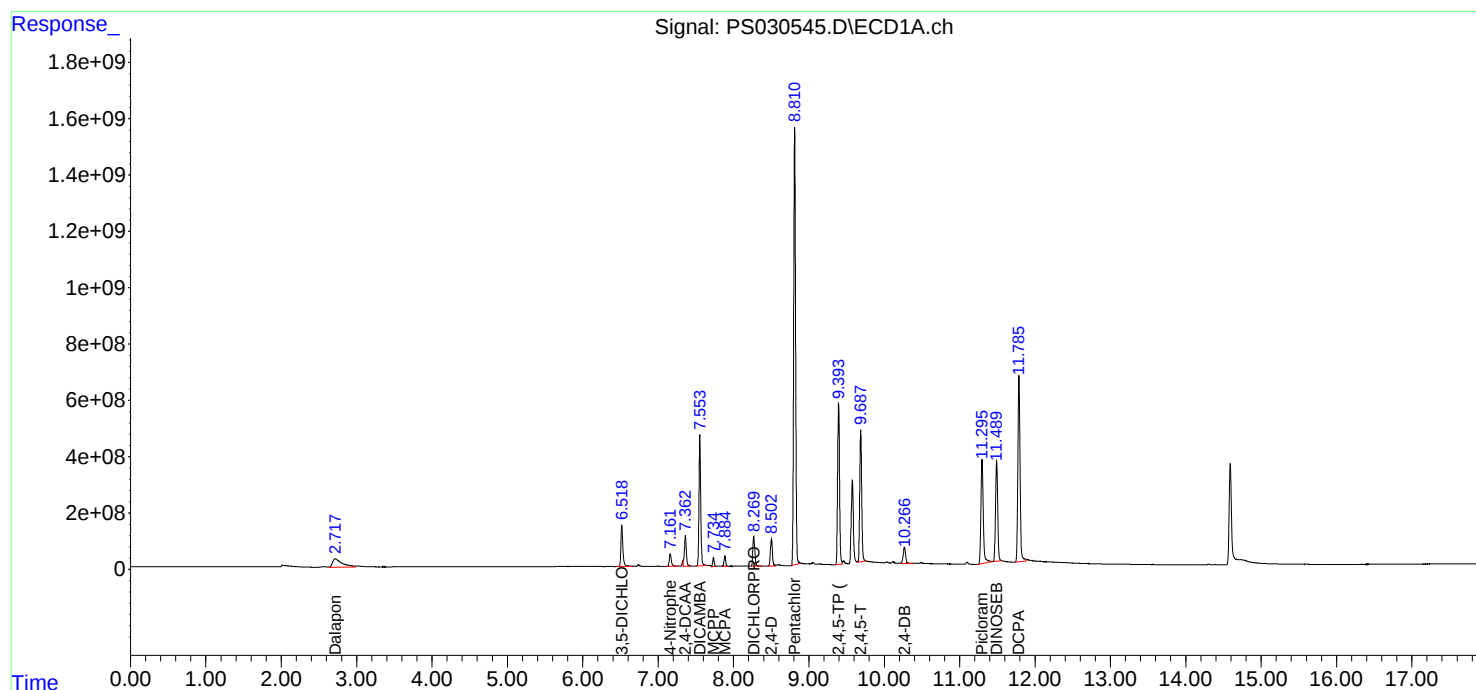
APPROVED

Reviewed By :Abdul Mirza 06/09/2025

Supervised By :mohammad ahmed 06/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 01:18:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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



Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	06/01/25
Project:	Amtrak Sawtooth Bridges 2025	Date Received:	06/03/25
Client Sample ID:	B-207-SB02MS	SDG No.:	Q2198
Lab Sample ID:	Q2198-04MS	Matrix:	TCLP
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030572.D	1	06/06/25 11:45	06/09/25 16:34	PB168329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	49.9		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	50.1		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	614		70 (61) - 130 (136)	123%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 16:34
 Operator : AR\AJ
 Sample : Q2198-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-207-SB02MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:54:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.359	7.769	2319.5E6	570.8E6	614.412	530.684
Target Compounds							
1) T	Dalapon	2.708	2.708	626.2E6	2680.5E6	110.892m	978.275m#
2) T	3,5-DICHL...	6.530	6.714	5243.2E6	638.7E6	966.245m	408.290m#
5) T	DICAMBA	7.551	7.972	6374.8E6	2764.1E6	413.343	429.103m
6) T	MCPPE	7.732	8.072	305.7E6	74813454	30.864	32.365
7) T	MCPA	7.883	8.318	490.5E6	125.3E6	38.652	40.589m
8) T	DICHLORPROP	8.267	8.692	1766.2E6	657.8E6	485.467	443.227
9) T	2,4-D	8.500	9.028	1816.5E6	754.2E6	498.539	479.641
10) T	Pentachlo...	8.808	9.554	26166.6E6	17068.8E6	515.231	472.323
11) T	2,4,5-TP ...	9.390	9.935	10214.9E6	6869.7E6	494.306	500.827
12) T	2,4,5-T	9.685	10.361	8123.9E6	5920.4E6	440.770	453.420
13) T	2,4-DB	10.265	10.927	1031.8E6	524.0E6	339.823m	455.814m#
14) T	DINOSEB	11.486	11.314	5720.9E6	3810.3E6	397.979	379.128
15) T	Picloram	11.292	12.421	7274.6E6	8134.8E6	363.641m	368.357
16) T	DCPA	11.781	12.358	10688.6E6	9093.9E6	404.259	444.410m

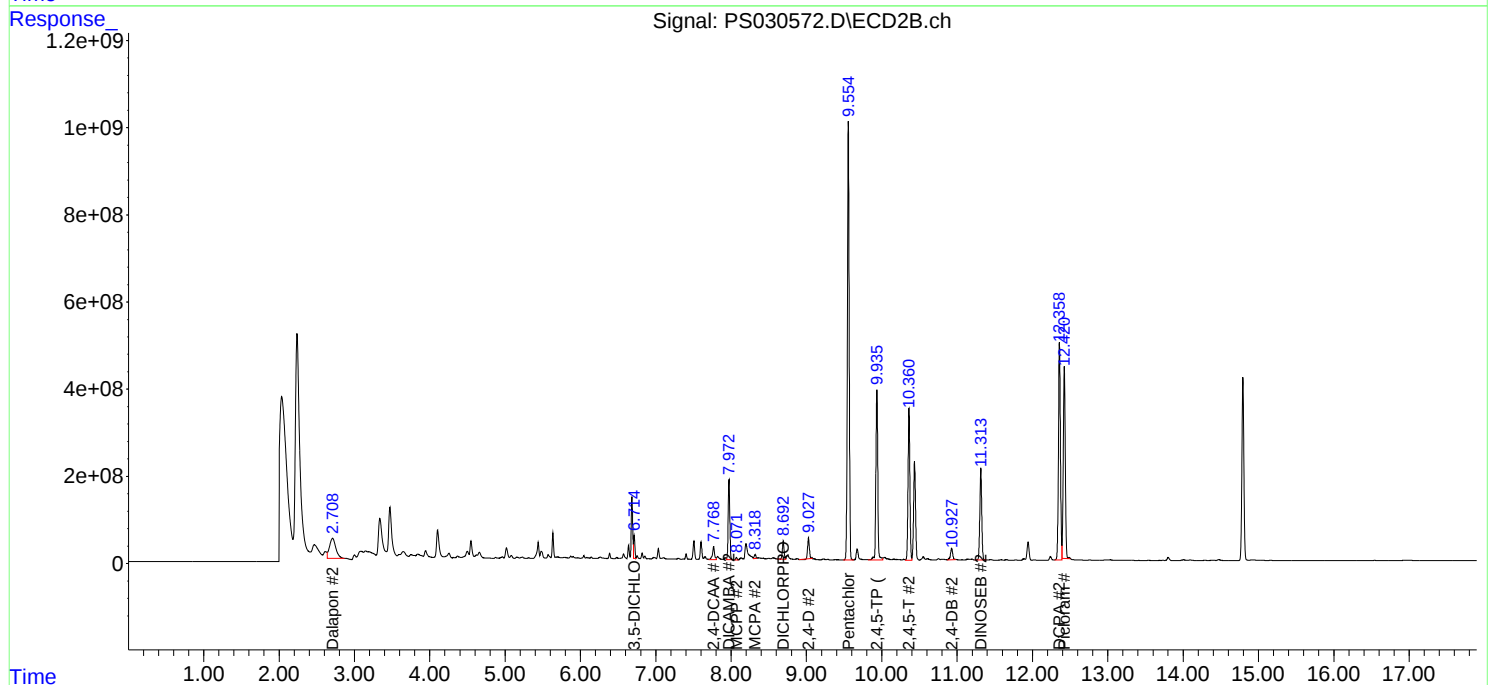
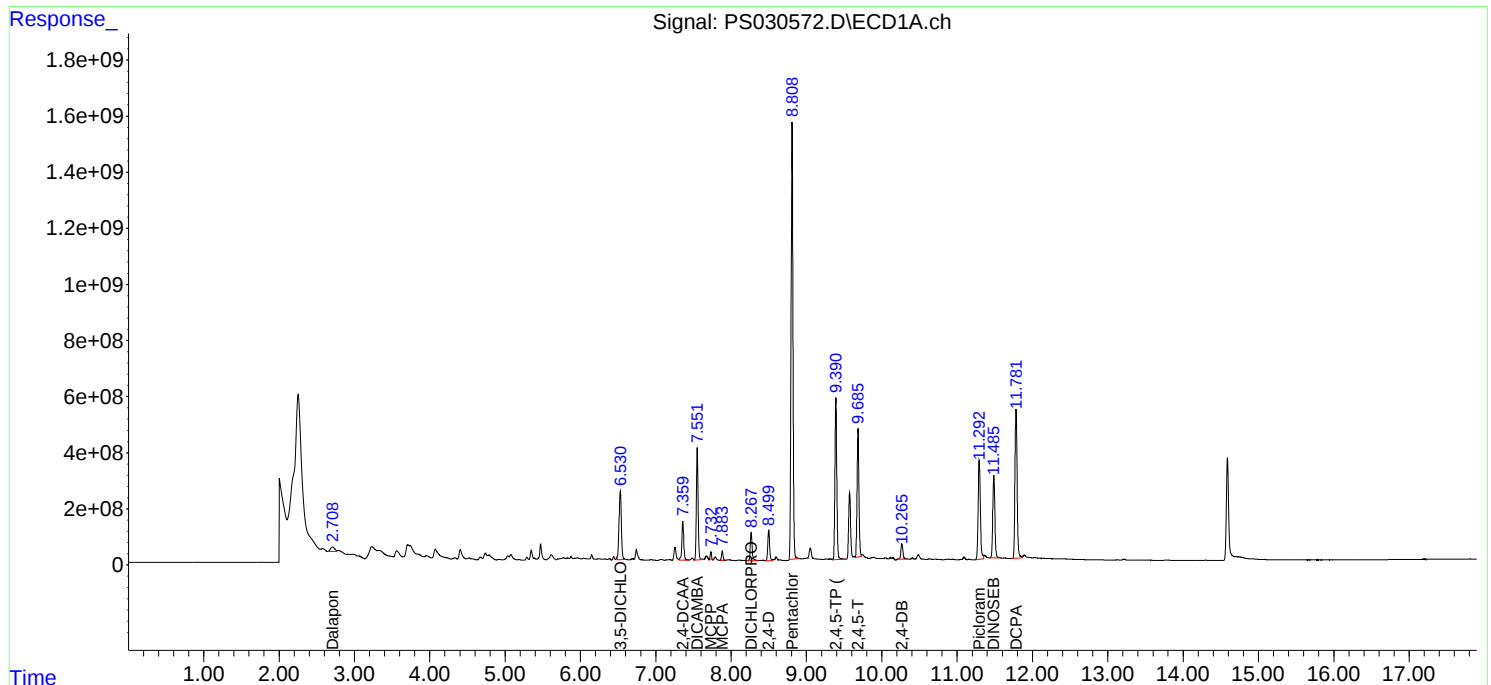
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 16:34
Operator : AR\AJ
Sample : Q2198-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-207-SB02MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:54:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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



Report of Analysis

Client:	Portal Partners Tri-Venture		Date Collected:	06/01/25	
Project:	Amtrak Sawtooth Bridges 2025		Date Received:	06/03/25	
Client Sample ID:	B-207-SB02MSD		SDG No.:	Q2198	
Lab Sample ID:	Q2198-04MSD		Matrix:	TCLP	
Analytical Method:	8151A		% 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
PS030573.D	1	06/06/25 11:45	06/09/25 16:58	PB168329

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	49.5		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	49.9		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	625		70 (61) - 130 (136)	125%	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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
 Data File : PS030573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2025 16:58
 Operator : AR\AJ
 Sample : Q2198-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B-207-SB02MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 02:55:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.360	7.769	2358.0E6	583.7E6	624.616	542.640
Target Compounds							
1) T	Dalapon	2.710	2.709	671.5E6	2740.7E6	118.920m	1000.251m#
2) T	3,5-DICHL...	6.531	6.714	6068.3E6	623.5E6	1118.307m	398.576 #
5) T	DICAMBA	7.552	7.973	6360.2E6	2836.3E6	412.395	440.309
6) T	MCPD	7.733	8.073	323.8E6	74093897	32.693	32.053
7) T	MCPA	7.883	8.318	499.4E6	127.4E6	39.356	41.285m
8) T	DICHLORPROP	8.268	8.693	1726.8E6	674.7E6	474.642	454.579
9) T	2,4-D	8.500	9.028	1805.0E6	703.1E6	495.386	447.151
10) T	Pentachlo...	8.809	9.555	25954.7E6	16974.1E6	511.058	469.702
11) T	2,4,5-TP ...	9.391	9.936	10122.7E6	6841.6E6	489.844	498.778
12) T	2,4,5-T	9.685	10.362	8090.3E6	5909.7E6	438.948	452.605
13) T	2,4-DB	10.266	10.928	986.8E6	516.9E6	325.001m	449.612 #
14) T	DINOSEB	11.487	11.314	5705.5E6	3818.5E6	396.905	379.944
15) T	Picloram	11.293	12.422	7227.4E6	8190.6E6	361.285m	370.888
16) T	DCPA	11.781	12.358	10579.5E6	9085.7E6	400.129	444.008

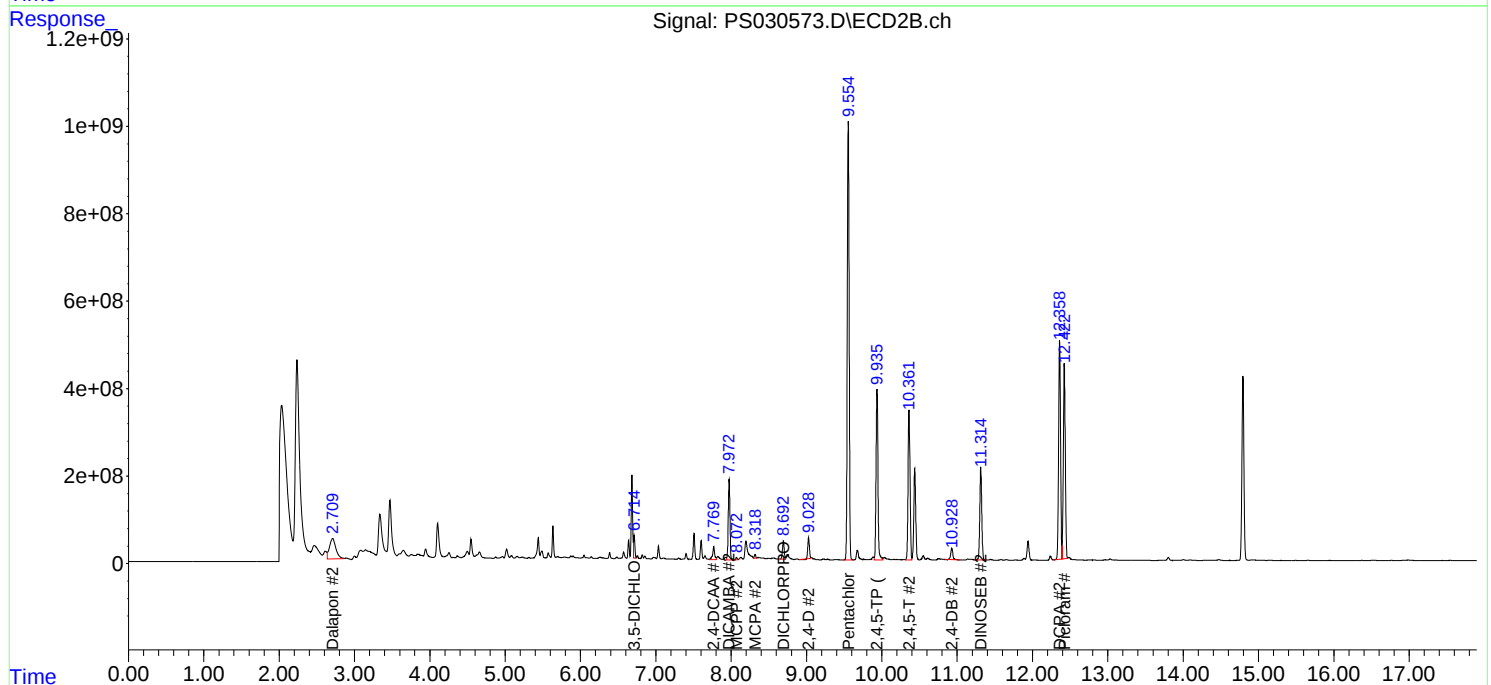
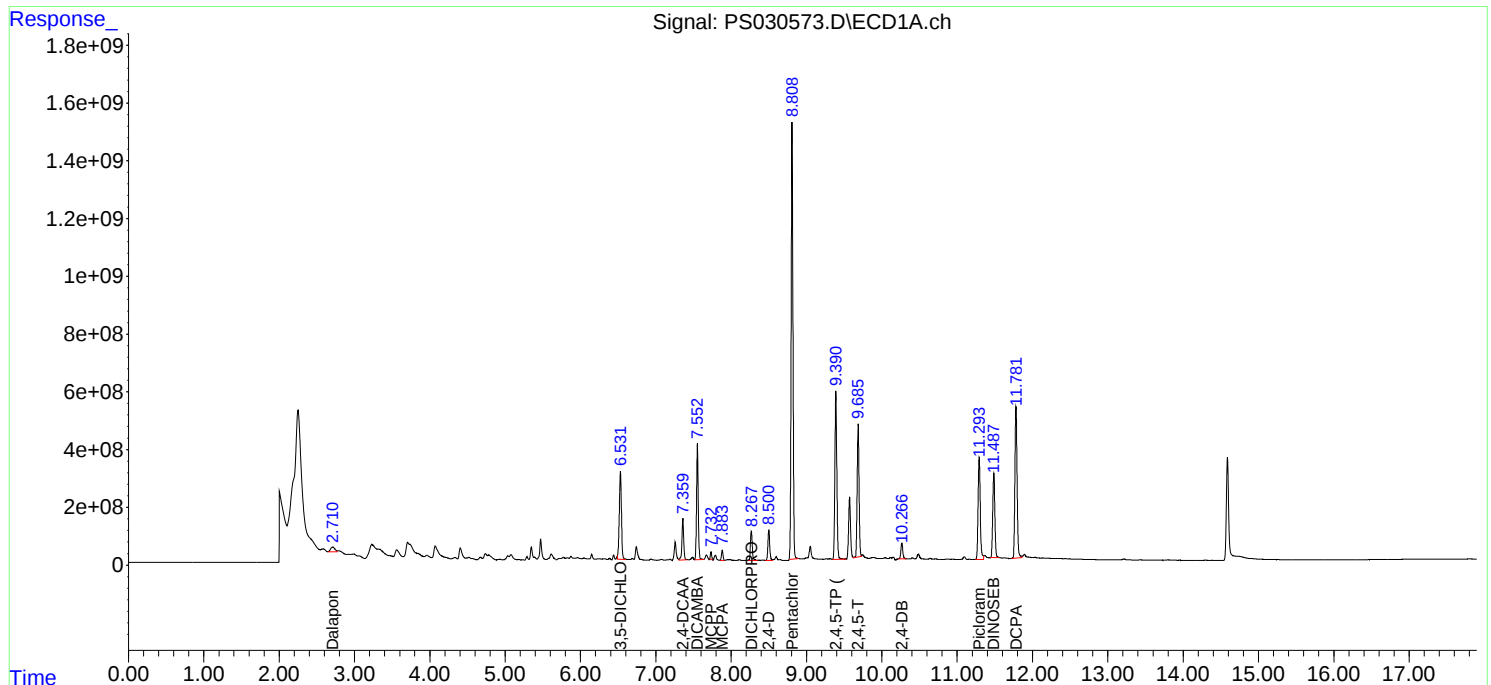
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060925\
Data File : PS030573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jun 2025 16:58
Operator : AR\AJ
Sample : Q2198-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
B-207-SB02MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 10 02:55:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
Quant Title : 8080.M
QLast Update : Wed Jun 04 13:21:22 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



Manual Integration Report

Sequence:	PS060425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS030476.D	2,4-DCAA	Abdul	6/5/2025 8:32:30 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC200	PS030476.D	MCPA #2	Abdul	6/5/2025 8:32:30 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC500	PS030477.D	2,4-DCAA	Abdul	6/5/2025 8:32:34 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC750	PS030478.D	2,4-DCAA	Abdul	6/5/2025 8:32:37 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC1000	PS030479.D	2,4-DCAA	Abdul	6/5/2025 8:32:40 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC1500	PS030480.D	2,4-DCAA	Abdul	6/5/2025 8:32:44 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICC1500	PS030480.D	MCPA #2	Abdul	6/5/2025 8:32:44 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDICV750	PS030481.D	2,4-DCAA	Abdul	6/5/2025 8:32:48 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030483.D	2,4-DCAA	Abdul	6/5/2025 8:32:51 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030483.D	MCPA #2	Abdul	6/5/2025 8:32:51 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030489.D	2,4-DB #2	Abdul	6/5/2025 8:33:07 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030489.D	2,4-DCAA	Abdul	6/5/2025 8:33:07 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030489.D	MCPA #2	Abdul	6/5/2025 8:33:07 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software

Manual Integration Report

Sequence:

PS060425

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030497.D	2,4-DCAA	Abdul	6/5/2025 3:53:26 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030506.D	2,4-DCAA	Abdul	6/5/2025 11:55:40 AM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030516.D	2,4-D #2	Abdul	6/5/2025 3:54:14 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030516.D	2,4-DCAA	Abdul	6/5/2025 3:54:14 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030516.D	MCPA #2	Abdul	6/5/2025 3:54:14 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030516.D	Picloram	Abdul	6/5/2025 3:54:14 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	2,4-D #2	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	2,4-DCAA	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	DCPA #2	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	MCPA #2	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software
HSTDCCC750	PS030526.D	Picloram	Abdul	6/5/2025 3:54:18 PM	mohammad	6/6/2025 2:02:33	Peak Integrated by Software

Manual Integration Report

Sequence:	ps060625	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030535.D	2,4-D #2	Abdul	6/9/2025 2:29:14 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030535.D	D CPA #2	Abdul	6/9/2025 2:29:14 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030535.D	MCPP	Abdul	6/9/2025 2:29:14 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030535.D	Picloram	Abdul	6/9/2025 2:29:14 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
PB168329BS	PS030545.D	2,4-D #2	Abdul	6/9/2025 2:29:27 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
PB168329BS	PS030545.D	2,4-DCAA	Abdul	6/9/2025 2:29:27 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
PB168329BS	PS030545.D	MCPP	Abdul	6/9/2025 2:29:27 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
PB168329BS	PS030545.D	Picloram	Abdul	6/9/2025 2:29:27 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030547.D	2,4-DB #2	Abdul	6/9/2025 2:29:30 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030547.D	2,4-DCAA	Abdul	6/9/2025 2:29:30 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030547.D	D CPA #2	Abdul	6/9/2025 2:29:30 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030547.D	MCPP	Abdul	6/9/2025 2:29:30 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030547.D	Picloram	Abdul	6/9/2025 2:29:30 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software

Manual Integration Report

Sequence:

ps060625

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168271TB	PS030557.D	2,4-DCAA #2	Abdul	6/9/2025 2:30:08 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030560.D	2,4-D #2	Abdul	6/9/2025 2:30:16 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030560.D	2,4-DB #2	Abdul	6/9/2025 2:30:16 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030560.D	2,4-DCAA	Abdul	6/9/2025 2:30:16 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030560.D	DCCA #2	Abdul	6/9/2025 2:30:16 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030560.D	DICAMBA #2	Abdul	6/9/2025 2:30:16 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030560.D	MCCP	Abdul	6/9/2025 2:30:16 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software
HSTDCCC750	PS030560.D	Picloram	Abdul	6/9/2025 2:30:16 PM	mohammad	6/10/2025 2:36:40	Peak Integrated by Software

Manual Integration Report

Sequence:

ps060925

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030563.D	2,4-DB	Abdul	6/10/2025 10:45:04 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030563.D	2,4-DCAA	Abdul	6/10/2025 10:45:04 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030563.D	DCPA #2	Abdul	6/10/2025 10:45:04 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030563.D	MCPP	Abdul	6/10/2025 10:45:04 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030563.D	Picloram	Abdul	6/10/2025 10:45:04 AM	 	 	Peak Integrated by Software
Q2198-02	PS030570.D	2,4-DCAA #2	Abdul	6/10/2025 10:45:10 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	2,4-DB	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	2,4-DB #2	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	3,5-DICHLOROBENZOI C ACID	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	3,5-DICHLOROBENZOI C ACID #2	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	Dalapon	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	Dalapon #2	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	DCPA #2	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	ps060925	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2198-04MS	PS030572.D	DICAMBA #2	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	MCPA #2	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MS	PS030572.D	Picloram	Abdul	6/10/2025 10:45:13 AM	 	 	Peak Integrated by Software
Q2198-04MSD	PS030573.D	2,4-DB	Abdul	6/10/2025 10:45:16 AM	 	 	Peak Integrated by Software
Q2198-04MSD	PS030573.D	3,5-DICHLOROBENZOI C ACID	Abdul	6/10/2025 10:45:16 AM	 	 	Peak Integrated by Software
Q2198-04MSD	PS030573.D	Dalapon	Abdul	6/10/2025 10:45:16 AM	 	 	Peak Integrated by Software
Q2198-04MSD	PS030573.D	Dalapon #2	Abdul	6/10/2025 10:45:16 AM	 	 	Peak Integrated by Software
Q2198-04MSD	PS030573.D	MCPA #2	Abdul	6/10/2025 10:45:16 AM	 	 	Peak Integrated by Software
Q2198-04MSD	PS030573.D	Picloram	Abdul	6/10/2025 10:45:16 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030575.D	2,4-DCAA	Abdul	6/10/2025 10:45:20 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030575.D	DCPA #2	Abdul	6/10/2025 10:45:20 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030575.D	MCPP	Abdul	6/10/2025 10:45:20 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030575.D	Picloram	Abdul	6/10/2025 10:45:20 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	ps060925	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030580.D	2,4-DCAA	Abdul	6/10/2025 10:45:36 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030580.D	D CPA #2	Abdul	6/10/2025 10:45:36 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030580.D	MCPP	Abdul	6/10/2025 10:45:36 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030580.D	Picloram	Abdul	6/10/2025 10:45:36 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030591.D	2,4-DCAA	Abdul	6/10/2025 10:45:51 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030591.D	D CPA #2	Abdul	6/10/2025 10:45:51 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030591.D	MCPP	Abdul	6/10/2025 10:45:51 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030591.D	Picloram	Abdul	6/10/2025 10:45:51 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030474.D	04 Jun 2025 10:31	AR\AJ	Ok
2	I.BLK	PS030475.D	04 Jun 2025 10:55	AR\AJ	Ok
3	HSTDICC200	PS030476.D	04 Jun 2025 11:19	AR\AJ	Ok,M
4	HSTDICC500	PS030477.D	04 Jun 2025 11:43	AR\AJ	Ok,M
5	HSTDICC750	PS030478.D	04 Jun 2025 12:07	AR\AJ	Ok,M
6	HSTDICC1000	PS030479.D	04 Jun 2025 12:31	AR\AJ	Ok,M
7	HSTDICC1500	PS030480.D	04 Jun 2025 12:55	AR\AJ	Ok,M
8	HSTDICV750	PS030481.D	04 Jun 2025 13:35	AR\AJ	Ok,M
9	I.BLK	PS030482.D	04 Jun 2025 13:59	AR\AJ	Ok
10	HSTDCCC750	PS030483.D	04 Jun 2025 14:23	AR\AJ	Ok,M
11	PB168207BL	PS030484.D	04 Jun 2025 14:47	AR\AJ	Ok
12	PB168207BS	PS030485.D	04 Jun 2025 15:12	AR\AJ	Ok,M
13	Q1872-17	PS030486.D	04 Jun 2025 15:36	AR\AJ	Dilution
14	Q1872-17DL	PS030487.D	04 Jun 2025 16:00	AR\AJ	Ok,M
15	I.BLK	PS030488.D	04 Jun 2025 16:26	AR\AJ	Ok
16	HSTDCCC750	PS030489.D	04 Jun 2025 16:50	AR\AJ	Ok,M
17	Q2159-01	PS030490.D	04 Jun 2025 17:14	AR\AJ	Ok
18	Q2160-01	PS030491.D	04 Jun 2025 17:38	AR\AJ	Ok
19	Q2160-05	PS030492.D	04 Jun 2025 18:02	AR\AJ	Ok
20	Q2173-06	PS030493.D	04 Jun 2025 18:26	AR\AJ	Ok,M
21	Q2173-12	PS030494.D	04 Jun 2025 18:51	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

22	Q2173-18	PS030495.D	04 Jun 2025 19:15	AR\AJ	Ok,M
23	I.BLK	PS030496.D	04 Jun 2025 19:39	AR\AJ	Ok
24	HSTDCCC750	PS030497.D	04 Jun 2025 20:03	AR\AJ	Ok,M
25	Q2173-06MS	PS030498.D	04 Jun 2025 20:51	AR\AJ	Ok,M
26	Q2173-06MSD	PS030499.D	04 Jun 2025 21:15	AR\AJ	Ok,M
27	Q2160-05MS	PS030500.D	04 Jun 2025 21:40	AR\AJ	Ok,M
28	Q2160-05MSD	PS030501.D	04 Jun 2025 22:04	AR\AJ	Ok,M
29	Q2172-01	PS030502.D	04 Jun 2025 22:28	AR\AJ	Ok
30	Q2185-01	PS030503.D	04 Jun 2025 22:52	AR\AJ	Ok,M
31	Q2185-05	PS030504.D	04 Jun 2025 23:16	AR\AJ	Ok
32	I.BLK	PS030505.D	04 Jun 2025 23:40	AR\AJ	Ok
33	HSTDCCC750	PS030506.D	05 Jun 2025 00:04	AR\AJ	Ok,M
34	Q2177-03	PS030507.D	05 Jun 2025 00:52	AR\AJ	Ok,M
35	Q2177-05	PS030508.D	05 Jun 2025 01:16	AR\AJ	Ok
36	Q2177-07	PS030509.D	05 Jun 2025 01:40	AR\AJ	Ok,M
37	PB168263BL	PS030510.D	05 Jun 2025 02:04	AR\AJ	Ok
38	PB168263BS	PS030511.D	05 Jun 2025 02:28	AR\AJ	Ok,M
39	PB168224TB	PS030512.D	05 Jun 2025 02:53	AR\AJ	Ok
40	PB168254BL	PS030513.D	05 Jun 2025 03:17	AR\AJ	Ok
41	PB168254BS	PS030514.D	05 Jun 2025 03:41	AR\AJ	Ok,M
42	I.BLK	PS030515.D	05 Jun 2025 04:05	AR\AJ	Ok
43	HSTDCCC750	PS030516.D	05 Jun 2025 04:29	AR\AJ	Ok,M
44	Q2176-01	PS030517.D	05 Jun 2025 05:17	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

45	Q2176-02	PS030518.D	05 Jun 2025 05:41	AR\AJ	Ok,M
46	Q2176-03	PS030519.D	05 Jun 2025 06:05	AR\AJ	Ok
47	Q2176-04	PS030520.D	05 Jun 2025 06:29	AR\AJ	Not Ok
48	Q2176-05	PS030521.D	05 Jun 2025 06:53	AR\AJ	Ok
49	Q2176-06	PS030522.D	05 Jun 2025 07:17	AR\AJ	Ok,M
50	Q2176-07	PS030523.D	05 Jun 2025 07:41	AR\AJ	Ok,M
51	Q2176-08	PS030524.D	05 Jun 2025 08:05	AR\AJ	Ok
52	I.BLK	PS030525.D	05 Jun 2025 08:29	AR\AJ	Ok
53	HSTDCCC750	PS030526.D	05 Jun 2025 08:53	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060625

Review By	Abdul	Review On	6/9/2025 2:30:39 PM
Supervise By	mohammad	Supervise On	6/10/2025 2:36:40 AM
SubDirectory	PS060625	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030533.D	06 Jun 2025 11:43	AR\AJ	Ok
2	I.BLK	PS030534.D	06 Jun 2025 12:07	AR\AJ	Ok
3	HSTDCCC750	PS030535.D	06 Jun 2025 12:31	AR\AJ	Ok,M
4	PB168318BL	PS030536.D	06 Jun 2025 18:47	AR\AJ	Ok
5	PB168318BS	PS030537.D	06 Jun 2025 19:11	AR\AJ	Ok,M
6	Q2194-01	PS030538.D	06 Jun 2025 19:35	AR\AJ	Ok
7	Q2194-03	PS030539.D	06 Jun 2025 19:59	AR\AJ	Ok
8	Q2194-03MS	PS030540.D	06 Jun 2025 20:23	AR\AJ	Ok,M
9	Q2194-03MSD	PS030541.D	06 Jun 2025 20:48	AR\AJ	Ok,M
10	Q2227-01	PS030542.D	06 Jun 2025 21:12	AR\AJ	Ok
11	Q2228-01	PS030543.D	06 Jun 2025 21:36	AR\AJ	Ok
12	PB168329BL	PS030544.D	06 Jun 2025 22:00	AR\AJ	Ok
13	PB168329BS	PS030545.D	06 Jun 2025 22:24	AR\AJ	Ok,M
14	I.BLK	PS030546.D	06 Jun 2025 22:48	AR\AJ	Ok
15	HSTDCCC750	PS030547.D	06 Jun 2025 23:12	AR\AJ	Ok,M
16	Q2207-09	PS030548.D	06 Jun 2025 23:36	AR\AJ	Ok,M
17	Q2207-18	PS030549.D	07 Jun 2025 00:01	AR\AJ	Ok,M
18	Q2207-27	PS030550.D	07 Jun 2025 00:25	AR\AJ	Ok,M
19	Q2207-36	PS030551.D	07 Jun 2025 00:49	AR\AJ	Ok,M
20	Q2207-45	PS030552.D	07 Jun 2025 01:13	AR\AJ	Ok,M
21	Q2208-09	PS030553.D	07 Jun 2025 01:37	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060625

Review By	Abdul	Review On	6/9/2025 2:30:39 PM
Supervise By	mohammad	Supervise On	6/10/2025 2:36:40 AM
SubDirectory	PS060625	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

22	Q2208-18	PS030554.D	07 Jun 2025 02:01	AR\AJ	Ok,M
23	Q2208-27	PS030555.D	07 Jun 2025 02:25	AR\AJ	Ok,M
24	Q2208-36	PS030556.D	07 Jun 2025 02:50	AR\AJ	Ok,M
25	PB168271TB	PS030557.D	07 Jun 2025 03:14	AR\AJ	Ok,M
26	PB168311TB	PS030558.D	07 Jun 2025 03:38	AR\AJ	Ok,M
27	I.BLK	PS030559.D	07 Jun 2025 04:02	AR\AJ	Ok
28	HSTDCCC750	PS030560.D	07 Jun 2025 04:26	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060925

Review By	Abdul	Review On	6/10/2025 10:46:12 AM
Supervise By		Supervise On	
SubDirectory	PS060925	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030561.D	09 Jun 2025 11:29	AR\AJ	Ok
2	I.BLK	PS030562.D	09 Jun 2025 11:53	AR\AJ	Ok
3	HSTDCCC750	PS030563.D	09 Jun 2025 12:17	AR\AJ	Ok,NS
4	Q2235-03	PS030564.D	09 Jun 2025 13:21	AR\AJ	Ok,NS
5	Q2236-03	PS030565.D	09 Jun 2025 13:45	AR\AJ	Ok
6	Q2236-07	PS030566.D	09 Jun 2025 14:09	AR\AJ	Ok
7	Q2236-11	PS030567.D	09 Jun 2025 14:33	AR\AJ	Ok
8	Q2236-15	PS030568.D	09 Jun 2025 14:57	AR\AJ	Ok
9	Q2236-19	PS030569.D	09 Jun 2025 15:22	AR\AJ	Ok
10	Q2198-02	PS030570.D	09 Jun 2025 15:46	AR\AJ	Ok,NS
11	Q2198-04	PS030571.D	09 Jun 2025 16:10	AR\AJ	Ok
12	Q2198-04MS	PS030572.D	09 Jun 2025 16:34	AR\AJ	Ok,NS
13	Q2198-04MSD	PS030573.D	09 Jun 2025 16:58	AR\AJ	Ok,NS
14	I.BLK	PS030574.D	09 Jun 2025 17:22	AR\AJ	Ok
15	HSTDCCC750	PS030575.D	09 Jun 2025 17:46	AR\AJ	Ok,NS
16	Q2130-01	PS030576.D	09 Jun 2025 18:17	AR\AJ	Ok,NS
17	Q2130-01MS	PS030577.D	09 Jun 2025 18:41	AR\AJ	Ok,NS
18	Q2130-01MSD	PS030578.D	09 Jun 2025 19:05	AR\AJ	Ok,NS
19	I.BLK	PS030579.D	09 Jun 2025 19:29	AR\AJ	Ok
20	HSTDCCC750	PS030580.D	09 Jun 2025 19:53	AR\AJ	Ok,NS
21	Q2206-01	PS030581.D	09 Jun 2025 20:17	AR\AJ	ReRun

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060925

Review By	Abdul	Review On	6/10/2025 10:46:12 AM
Supervise By		Supervise On	
SubDirectory	PS060925	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

22	Q2226-01	PS030582.D	09 Jun 2025 20:41	AR\AJ	Ok
23	Q2240-01	PS030583.D	09 Jun 2025 21:05	AR\AJ	Not Ok
24	Q2240-05	PS030584.D	09 Jun 2025 21:29	AR\AJ	Not Ok
25	Q2240-09	PS030585.D	09 Jun 2025 21:53	AR\AJ	Not Ok
26	Q2241-01	PS030586.D	09 Jun 2025 22:17	AR\AJ	Ok
27	Q2241-05	PS030587.D	09 Jun 2025 22:42	AR\AJ	Ok
28	Q2242-01	PS030588.D	09 Jun 2025 23:06	AR\AJ	Ok
29	Q2244-01	PS030589.D	09 Jun 2025 23:30	AR\AJ	Ok
30	I.BLK	PS030590.D	09 Jun 2025 23:54	AR\AJ	Ok
31	HSTDCCC750	PS030591.D	10 Jun 2025 00:18	AR\AJ	Ok,NS

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030474.D	04 Jun 2025 10:31		AR\AJ	Ok
2	I.BLK	I.BLK	PS030475.D	04 Jun 2025 10:55		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS030476.D	04 Jun 2025 11:19		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS030477.D	04 Jun 2025 11:43		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS030478.D	04 Jun 2025 12:07		AR\AJ	Ok,M
6	HSTDICC1000	HSTDICC1000	PS030479.D	04 Jun 2025 12:31		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS030480.D	04 Jun 2025 12:55		AR\AJ	Ok,M
8	HSTDICV750	ICVPS060425	PS030481.D	04 Jun 2025 13:35		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS030482.D	04 Jun 2025 13:59		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS030483.D	04 Jun 2025 14:23		AR\AJ	Ok,M
11	PB168207BL	PB168207BL	PS030484.D	04 Jun 2025 14:47		AR\AJ	Ok
12	PB168207BS	PB168207BS	PS030485.D	04 Jun 2025 15:12		AR\AJ	Ok,M
13	Q1872-17	HW0425-PT-HERB-SO	PS030486.D	04 Jun 2025 15:36	Need dilution	AR\AJ	Dilution
14	Q1872-17DL	HW0425-PT-HERB-SO	PS030487.D	04 Jun 2025 16:00		AR\AJ	Ok,M
15	I.BLK	I.BLK	PS030488.D	04 Jun 2025 16:26		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS030489.D	04 Jun 2025 16:50		AR\AJ	Ok,M
17	Q2159-01	TP05-MHO-WC	PS030490.D	04 Jun 2025 17:14		AR\AJ	Ok
18	Q2160-01	TP04-MHG-WC	PS030491.D	04 Jun 2025 17:38		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q2160-05	TP05-MHH-WC	PS030492.D	04 Jun 2025 18:02		AR\AJ	Ok
20	Q2173-06	OR-400-CF-402B-COM	PS030493.D	04 Jun 2025 18:26		AR\AJ	Ok,M
21	Q2173-12	OR-400-CF-402B-COM	PS030494.D	04 Jun 2025 18:51		AR\AJ	Ok,M
22	Q2173-18	OR-400-CF-402B-COM	PS030495.D	04 Jun 2025 19:15		AR\AJ	Ok,M
23	I.BLK	I.BLK	PS030496.D	04 Jun 2025 19:39		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS030497.D	04 Jun 2025 20:03		AR\AJ	Ok,M
25	Q2173-06MS	OR-400-CF-402B-COM	PS030498.D	04 Jun 2025 20:51	Comp#1,3 recovery fail	AR\AJ	Ok,M
26	Q2173-06MSD	OR-400-CF-402B-COM	PS030499.D	04 Jun 2025 21:15	Comp#1,3,14 recovery fail ,RPD Fail	AR\AJ	Ok,M
27	Q2160-05MS	TP05-MHH-WCMS	PS030500.D	04 Jun 2025 21:40	Comp#1,10 recovery fail	AR\AJ	Ok,M
28	Q2160-05MSD	TP05-MHH-WCMSD	PS030501.D	04 Jun 2025 22:04	Comp#1,10 recovery fail	AR\AJ	Ok,M
29	Q2172-01	TP06-MHQ	PS030502.D	04 Jun 2025 22:28		AR\AJ	Ok
30	Q2185-01	TP02-MHB-WC	PS030503.D	04 Jun 2025 22:52		AR\AJ	Ok,M
31	Q2185-05	TP01-MHA-WC	PS030504.D	04 Jun 2025 23:16		AR\AJ	Ok
32	I.BLK	I.BLK	PS030505.D	04 Jun 2025 23:40		AR\AJ	Ok
33	HSTDCCC750	HSTDCCC750	PS030506.D	05 Jun 2025 00:04		AR\AJ	Ok,M
34	Q2177-03	B-187-SB01	PS030507.D	05 Jun 2025 00:52		AR\AJ	Ok,M
35	Q2177-05	B-187-SB02	PS030508.D	05 Jun 2025 01:16		AR\AJ	Ok
36	Q2177-07	B-202-SB01	PS030509.D	05 Jun 2025 01:40		AR\AJ	Ok,M
37	PB168263BL	PB168263BL	PS030510.D	05 Jun 2025 02:04		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060425

Review By	Abdul	Review On	6/5/2025 8:33:42 AM
Supervise By	mohammad	Supervise On	6/6/2025 2:02:33 AM
SubDirectory	PS060425	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	PB168263BS	PB168263BS	PS030511.D	05 Jun 2025 02:28		AR\AJ	Ok,M
39	PB168224TB	PB168224TB	PS030512.D	05 Jun 2025 02:53		AR\AJ	Ok
40	PB168254BL	PB168254BL	PS030513.D	05 Jun 2025 03:17		AR\AJ	Ok
41	PB168254BS	PB168254BS	PS030514.D	05 Jun 2025 03:41		AR\AJ	Ok,M
42	I.BLK	I.BLK	PS030515.D	05 Jun 2025 04:05		AR\AJ	Ok
43	HSTDCCC750	HSTDCCC750	PS030516.D	05 Jun 2025 04:29		AR\AJ	Ok,M
44	Q2176-01	TP-46	PS030517.D	05 Jun 2025 05:17		AR\AJ	Ok
45	Q2176-02	TP-56	PS030518.D	05 Jun 2025 05:41		AR\AJ	Ok,M
46	Q2176-03	TP-25	PS030519.D	05 Jun 2025 06:05		AR\AJ	Ok
47	Q2176-04	TP-26	PS030520.D	05 Jun 2025 06:29	Surrogate low in both column	AR\AJ	Not Ok
48	Q2176-05	TP-28	PS030521.D	05 Jun 2025 06:53		AR\AJ	Ok
49	Q2176-06	TP-27	PS030522.D	05 Jun 2025 07:17		AR\AJ	Ok,M
50	Q2176-07	TP-31	PS030523.D	05 Jun 2025 07:41		AR\AJ	Ok,M
51	Q2176-08	TP-65	PS030524.D	05 Jun 2025 08:05		AR\AJ	Ok
52	I.BLK	I.BLK	PS030525.D	05 Jun 2025 08:29		AR\AJ	Ok
53	HSTDCCC750	HSTDCCC750	PS030526.D	05 Jun 2025 08:53		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060625

Review By	Abdul	Review On	6/9/2025 2:30:39 PM
Supervise By	mohammad	Supervise On	6/10/2025 2:36:40 AM
SubDirectory	PS060625	HP Acquire Method	HP Processing Method ps060425 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030533.D	06 Jun 2025 11:43		AR\AJ	Ok
2	I.BLK	I.BLK	PS030534.D	06 Jun 2025 12:07		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030535.D	06 Jun 2025 12:31		AR\AJ	Ok,M
4	PB168318BL	PB168318BL	PS030536.D	06 Jun 2025 18:47		AR\AJ	Ok
5	PB168318BS	PB168318BS	PS030537.D	06 Jun 2025 19:11		AR\AJ	Ok,M
6	Q2194-01	COMP-12	PS030538.D	06 Jun 2025 19:35		AR\AJ	Ok
7	Q2194-03	COMP-13	PS030539.D	06 Jun 2025 19:59		AR\AJ	Ok
8	Q2194-03MS	COMP-13MS	PS030540.D	06 Jun 2025 20:23	some compound recovery fail	AR\AJ	Ok,M
9	Q2194-03MSD	COMP-13MSD	PS030541.D	06 Jun 2025 20:48	some compound recovery fail	AR\AJ	Ok,M
10	Q2227-01	TP07-MHH-WC	PS030542.D	06 Jun 2025 21:12		AR\AJ	Ok
11	Q2228-01	TP08-MHI-WC	PS030543.D	06 Jun 2025 21:36		AR\AJ	Ok
12	PB168329BL	PB168329BL	PS030544.D	06 Jun 2025 22:00		AR\AJ	Ok
13	PB168329BS	PB168329BS	PS030545.D	06 Jun 2025 22:24		AR\AJ	Ok,M
14	I.BLK	I.BLK	PS030546.D	06 Jun 2025 22:48		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS030547.D	06 Jun 2025 23:12		AR\AJ	Ok,M
16	Q2207-09	BU-703-COMP-01	PS030548.D	06 Jun 2025 23:36		AR\AJ	Ok,M
17	Q2207-18	BU-703-COMP-02	PS030549.D	07 Jun 2025 00:01		AR\AJ	Ok,M
18	Q2207-27	BU-703-COMP-03	PS030550.D	07 Jun 2025 00:25		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060625

Review By	Abdul	Review On	6/9/2025 2:30:39 PM
Supervise By	mohammad	Supervise On	6/10/2025 2:36:40 AM
SubDirectory	PS060625	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

19	Q2207-36	BU-703-COMP-04	PS030551.D	07 Jun 2025 00:49		AR\AJ	Ok,M
20	Q2207-45	BU-703-COMP-05	PS030552.D	07 Jun 2025 01:13		AR\AJ	Ok,M
21	Q2208-09	BU-703-COMP-06	PS030553.D	07 Jun 2025 01:37		AR\AJ	Ok,M
22	Q2208-18	BU-703-COMP-07	PS030554.D	07 Jun 2025 02:01		AR\AJ	Ok,M
23	Q2208-27	BU-703-COMP-08	PS030555.D	07 Jun 2025 02:25		AR\AJ	Ok,M
24	Q2208-36	BU-703-COMP-09	PS030556.D	07 Jun 2025 02:50		AR\AJ	Ok,M
25	PB168271TB	PB168271TB	PS030557.D	07 Jun 2025 03:14		AR\AJ	Ok,M
26	PB168311TB	PB168311TB	PS030558.D	07 Jun 2025 03:38		AR\AJ	Ok,M
27	I.BLK	I.BLK	PS030559.D	07 Jun 2025 04:02		AR\AJ	Ok
28	HSTDCCC750	HSTDCCC750	PS030560.D	07 Jun 2025 04:26		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060925

Review By	Abdul	Review On	6/10/2025 10:46:12 AM
Supervise By		Supervise On	
SubDirectory	PS060925	HP Acquire Method	HP Processing Method ps060425 8151

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560
CCC	PP24559
Internal Standard/PEM	
ICV/I.BLK	PP24562
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030561.D	09 Jun 2025 11:29		AR\AJ	Ok
2	I.BLK	I.BLK	PS030562.D	09 Jun 2025 11:53		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030563.D	09 Jun 2025 12:17	Picloram low in 1st column	AR\AJ	Ok,NS
4	Q2235-03	WC-A2-08-C	PS030564.D	09 Jun 2025 13:21		AR\AJ	Ok,NS
5	Q2236-03	WC-A4-05A-C	PS030565.D	09 Jun 2025 13:45		AR\AJ	Ok
6	Q2236-07	WC-A2-04-C	PS030566.D	09 Jun 2025 14:09		AR\AJ	Ok
7	Q2236-11	WC-A2-05-C	PS030567.D	09 Jun 2025 14:33		AR\AJ	Ok
8	Q2236-15	WC-A2-06-C	PS030568.D	09 Jun 2025 14:57		AR\AJ	Ok
9	Q2236-19	WC-A2-07-C	PS030569.D	09 Jun 2025 15:22		AR\AJ	Ok
10	Q2198-02	B-202-SB02	PS030570.D	09 Jun 2025 15:46		AR\AJ	Ok,NS
11	Q2198-04	B-207-SB02	PS030571.D	09 Jun 2025 16:10		AR\AJ	Ok
12	Q2198-04MS	B-207-SB02MS	PS030572.D	09 Jun 2025 16:34	some compound recovery fail	AR\AJ	Ok,NS
13	Q2198-04MSD	B-207-SB02MSD	PS030573.D	09 Jun 2025 16:58	some compound recovery fail	AR\AJ	Ok,NS
14	I.BLK	I.BLK	PS030574.D	09 Jun 2025 17:22		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS030575.D	09 Jun 2025 17:46		AR\AJ	Ok,NS
16	Q2130-01	TP-3	PS030576.D	09 Jun 2025 18:17		AR\AJ	Ok,NS
17	Q2130-01MS	TP-3MS	PS030577.D	09 Jun 2025 18:41		AR\AJ	Ok,NS
18	Q2130-01MSD	TP-3MSD	PS030578.D	09 Jun 2025 19:05		AR\AJ	Ok,NS

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS060925

Review By	Abdul	Review On	6/10/2025 10:46:12 AM
Supervise By		Supervise On	
SubDirectory	PS060925	HP Acquire Method	HP Processing Method ps060425 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	I.BLK	I.BLK	PS030579.D	09 Jun 2025 19:29		AR\AJ	Ok
20	HSTDCCC750	HSTDCCC750	PS030580.D	09 Jun 2025 19:53		AR\AJ	Ok,NS
21	Q2206-01	TP-1	PS030581.D	09 Jun 2025 20:17	Surrogate low in 2nd column	AR\AJ	ReRun
22	Q2226-01	TP06-MHI-WC	PS030582.D	09 Jun 2025 20:41		AR\AJ	Ok
23	Q2240-01	TP-3	PS030583.D	09 Jun 2025 21:05	2,4-D hit	AR\AJ	Not Ok
24	Q2240-05	TP-2	PS030584.D	09 Jun 2025 21:29	Surrogate low in both column	AR\AJ	Not Ok
25	Q2240-09	TP-1	PS030585.D	09 Jun 2025 21:53	Surrogate low in both column	AR\AJ	Not Ok
26	Q2241-01	TP-N	PS030586.D	09 Jun 2025 22:17		AR\AJ	Ok
27	Q2241-05	TP-S	PS030587.D	09 Jun 2025 22:42		AR\AJ	Ok
28	Q2242-01	TP09-MHJ	PS030588.D	09 Jun 2025 23:06		AR\AJ	Ok
29	Q2244-01	TP03-MHC	PS030589.D	09 Jun 2025 23:30		AR\AJ	Ok
30	I.BLK	I.BLK	PS030590.D	09 Jun 2025 23:54		AR\AJ	Ok
31	HSTDCCC750	HSTDCCC750	PS030591.D	10 Jun 2025 00:18		AR\AJ	Ok,NS

M : Manual Integration

SOP ID :	M1311-TCLP-16	Start Prep Date :	06/04/2025	Time :	15:00
SDG No :	N/A	End Prep Date :	06/05/2025	Time :	09:20
Weigh By :	JP	Combination Ratio :	20		
Balance ID :	WC SC-7	ZHE Cleaning Batch :	N/A		
pH Meter ID :	WC PH METER-1	Initial Room Temperature:	24 °C		
Extraction By :	JP	Final Room Temperature:	22 °C		
Filter By :	JP	TCLP Technician Signature :	JP		
Pipette ID :	WC	Supervisor By :	12		
Tumbler ID :	T-1 / T-2				
TCLP Filter ID :	115525				

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

Chemical Used	ML/SAMPLE U	Lot Number
TCLP-FLUID-1	N/A	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. q2208-36 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/25 11:30	JP / KCH Room	JP RS 1 EXT
	Preparation Group	Analysis Group

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
PB168271TB	LEB271	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2192-01	SB-1	01	100.02	2000	N/A	N/A	N/A	8.2	1.0	T-1
Q2194-02	COMP-12	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2194-04	COMP-13	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2198-02	B-202-SB02	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2198-04	B-207-SB01	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2206-04	TP-1	06	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2207-09	BU-703-COMP-01	07	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2207-18	BU-703-COMP-02	08	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2207-27	BU-703-COMP-03	09	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2207-36	BU-703-COMP-04	10	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2207-45	BU-703-COMP-05	11	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-09	BU-703-COMP-06	12	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q2208-18	BU-703-COMP-07	13	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-27	BU-703-COMP-08	14	100.01	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q2208-36	BU-703-COMP-09	15	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168271TB	LEB271	N/A	N/A	N/A	N/A	N/A	N/A
Q2192-01	SB-1	N/A	N/A	N/A	N/A	100	N/A
Q2194-02	COMP-12	N/A	N/A	N/A	N/A	100	N/A
Q2194-04	COMP-13	N/A	N/A	N/A	N/A	100	N/A
Q2198-02	B-202-SB02	N/A	N/A	N/A	N/A	100	N/A
Q2198-04	B-207-SB01	N/A	N/A	N/A	N/A	100	N/A
Q2206-04	TP-1	N/A	N/A	N/A	N/A	100	N/A
Q2207-09	BU-703-COMP-01	N/A	N/A	N/A	N/A	100	N/A
Q2207-18	BU-703-COMP-02	N/A	N/A	N/A	N/A	100	N/A
Q2207-27	BU-703-COMP-03	N/A	N/A	N/A	N/A	100	N/A
Q2207-36	BU-703-COMP-04	N/A	N/A	N/A	N/A	100	N/A
Q2207-45	BU-703-COMP-05	N/A	N/A	N/A	N/A	100	N/A
Q2208-09	BU-703-COMP-06	N/A	N/A	N/A	N/A	100	N/A
Q2208-18	BU-703-COMP-07	N/A	N/A	N/A	N/A	100	N/A
Q2208-27	BU-703-COMP-08	N/A	N/A	N/A	N/A	100	N/A
Q2208-36	BU-703-COMP-09	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
PB168271TB	LEB271	N/A	N/A	N/A	N/A	#1	4.94
Q2192-01	SB-1	5.02	96.5	9.5	4.0	#1	4.94
Q2194-02	COMP-12	5.03	96.5	8.4	3.5	#1	4.94
Q2194-04	COMP-13	5.02	96.5	8.2	3.5	#1	4.94
Q2198-02	B-202-SB02	5.02	96.5	6.6	2.5	#1	4.94
Q2198-04	B-207-SB01	5.03	96.5	8.0	3.0	#1	4.94
Q2206-04	TP-1	5.02	96.5	7.6	2.5	#1	4.94
Q2207-09	BU-703-COMP-01	5.03	96.5	7.0	2.0	#1	4.94
Q2207-18	BU-703-COMP-02	5.02	96.5	5.5	1.5	#1	4.94
Q2207-27	BU-703-COMP-03	5.01	96.5	6.0	2.0	#1	4.94
Q2207-36	BU-703-COMP-04	5.02	96.5	7.2	2.0	#1	4.94
Q2207-45	BU-703-COMP-05	5.03	96.5	5.5	1.5	#1	4.94
Q2208-09	BU-703-COMP-06	5.02	96.5	5.6	2.0	#1	4.94
Q2208-18	BU-703-COMP-07	5.03	96.5	5.5	1.5	#1	4.94
Q2208-27	BU-703-COMP-08	5.02	96.5	6.0	2.0	#1	4.94
Q2208-36	BU-703-COMP-09	5.01	96.5	7.0	2.5	#1	4.94

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q2198 WorkList ID : 189914 Department : TCLP Extraction Date : 06-04-2025 09:51:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2192-01	SB-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L21	06/03/2025	1311
Q2194-02	COMP-12	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	06/03/2025	1311
Q2194-04	COMP-13	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	L31	06/03/2025	1311
Q2198-02	B-202-SB02	Solid	TCLP Extraction	Cool 4 deg C	PORT06	N22	05/31/2025	1311
Q2198-04	B-207-SB01	Solid	TCLP Extraction	Cool 4 deg C	PORT06	N22	06/01/2025	1311
Q2206-04	TP-1	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/04/2025	1311
Q2207-09	BU-703-COMP-01	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2207-18	BU-703-COMP-02	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2207-27	BU-703-COMP-03	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2207-36	BU-703-COMP-04	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2207-45	BU-703-COMP-05	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2208-09	BU-703-COMP-06	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2208-18	BU-703-COMP-07	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2208-27	BU-703-COMP-08	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311
Q2208-36	BU-703-COMP-09	Solid	TCLP Extraction	Cool 4 deg C	PSEG03	N31	06/02/2025	1311

Date/Time 06/04/25 12:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 06/04/25 17:30

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

SOP ID:	M8151A-Herbicide-23		
Clean Up SOP #:	N/A	Extraction Start Date :	06/06/2025
Matrix :	Water	Extraction Start Time :	11:45
Weigh By:	N/A	Extraction By:	RS
Balance check:	N/A	Filter By:	RS
Balance ID:	N/A	Extraction End Date :	06/06/2025
pH Strip Lot#:	E3880	Extraction End Time :	18:25
		Concentration By:	EH
		Supervisor By :	RUPESEH
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	PP24595
Surrogate	1.0ML	5000 PPB	PP24601
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	EP2621
NAOH 6N	N/A	EP2606
12N H2SO4	N/A	EP2605
NACL	N/A	M4459
ISO OCTANE	N/A	E3554
Diazomethane	N/A	EP2618
Hexane	N/A	E3938
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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.

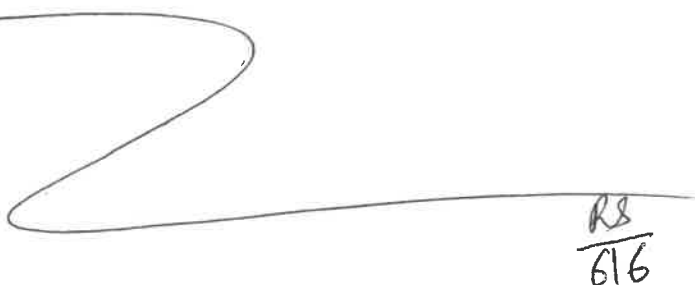
KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext Lab)	Dr. Pest/PCB Lab
18:30	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 06/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168271TB	PB168271TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			SEP-1
PB168311TB	PB168311TB	TCLP Herbicide	100	6	RUPESH	ritesh	10			2
PB168329BL	HBLK329	TCLP Herbicide	1000	6	RUPESH	ritesh	10			3
PB168329BS	HLCS329	TCLP Herbicide	1000	6	RUPESH	ritesh	10			4
Q2198-02	B-202-SB02	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		5
Q2198-04	B-207-SB02	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		6
Q2198-04MS	B-207-SB02MS	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		7
Q2198-04MS D	B-207-SB02MSD	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		8
Q2207-09	BU-703-COMP-01	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		9
Q2207-18	BU-703-COMP-02	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		10
Q2207-27	BU-703-COMP-03	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		11
Q2207-36	BU-703-COMP-04	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		12
Q2207-45	BU-703-COMP-05	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		13
Q2208-09	BU-703-COMP-06	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		14
Q2208-18	BU-703-COMP-07	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		15
Q2208-27	BU-703-COMP-08	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		16
Q2208-36	BU-703-COMP-09	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		SEP-1
Q2235-03	WC-A2-08-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		2
Q2236-03	WC-A4-05A-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		3
Q2236-07	WC-A2-04-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		4
Q2236-11	WC-A2-05-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		5
Q2236-15	WC-A2-06-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		6
Q2236-19	WC-A2-07-C	TCLP Herbicide	100	6	RUPESH	ritesh	10	A		7



* Extracts relinquished on the same date as received.

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168311TB	LEB311	16	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-2
Q2226-04	TP06-MHI-WC	01	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2227-04	TP07-MHH-WC	02	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2228-04	TP08-MHI-WC	03	100.02	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2235-03	WC-A2-08-C	04	100.01	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-03	WC-A4-05A-C	05	100.02	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-07	WC-A2-04-C	06	100.03	2000	N/A	N/A	N/A	12.0	1.5	T-1
Q2236-11	WC-A2-05-C	07	100.00	2000	N/A	N/A	N/A	12.0	1.0	T-1
Q2236-15	WC-A2-06-C	08	100.01	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2236-19	WC-A2-07-C	09	100.02	2000	N/A	N/A	N/A	11.5	1.0	T-1
Q2240-04	TP-3	10	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2240-08	TP-2	11	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2240-12	TP-1	12	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2241-04	TP-N	13	100.04	2000	N/A	N/A	N/A	6.2	1.5	T-2
Q2241-08	TP-S	14	100.02	2000	N/A	N/A	N/A	7.0	1.0	T-2
Q2242-04	TP09-MHJ	15	100.01	2000	N/A	N/A	N/A	3.0	1.5	T-2

06106125
11/30

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
PB168271TB	LEB271	16	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2192-01	SB-1	01	100.02	2000	N/A	N/A	N/A	8.2	1.0	T-1
Q2194-02	COMP-12	02	100.03	2000	N/A	N/A	N/A	6.2	1.5	T-1
Q2194-04	COMP-13	03	100.02	2000	N/A	N/A	N/A	6.0	1.5	T-1
Q2198-02	B-202-SB02	04	100.03	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2198-04	B-207-SB01	05	100.02	2000	N/A	N/A	N/A	5.8	1.5	T-1
Q2206-04	TP-1	06	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-1
Q2207-09	BU-703-COMP-01	07	100.03	2000	N/A	N/A	N/A	4.5	1.5	T-1
Q2207-18	BU-703-COMP-02	08	100.04	2000	N/A	N/A	N/A	3.0	1.0	T-1
Q2207-27	BU-703-COMP-03	09	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2207-36	BU-703-COMP-04	10	100.03	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2207-45	BU-703-COMP-05	11	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-09	BU-703-COMP-06	12	100.03	2000	N/A	N/A	N/A	3.0	1.0	T-2
Q2208-18	BU-703-COMP-07	13	100.02	2000	N/A	N/A	N/A	3.0	1.5	T-2
Q2208-27	BU-703-COMP-08	14	100.01	2000	N/A	N/A	N/A	5.0	1.5	T-2
Q2208-36	BU-703-COMP-09	15	100.02	2000	N/A	N/A	N/A	5.6	1.0	T-2

06/05/25
11.30



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Granet Fleming
ADDRESS: 1010 Adams Avenue
CITY: Quakam STATE: PA ZIP: 19403
ATTENTION: Joe Krinsky
PHONE: 610-310-8342 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: AMTRAK Sawtooth
PROJECT NO.: 95000878 LOCATION: Kony, NJ
PROJECT MANAGER: Joe Krinsky
e-mail: QAQC@BEMSYS.com
PHONE: 6103108342 FAX:

CLIENT BILLING INFORMATION

BILL TO: Alliance PO#:
ADDRESS: 284 Sheffield
CITY: Mountainside STATE: NJ ZIP: 07092
ATTENTION: Samara Beatty PHONE: 9887283143

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 10 DAYS*
EDD: 10 DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10-BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other
☐ EDD FORMAT BCM BPD

1. VOC + 10
2. SPEC - BVA-20
3. PCB
4. PAHs
5. TH Metals
6. G.IV (G.IV)
7. Full TSP
8. PCRA
9. EPH

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	B-202-SB02	S		X	5/31/05	1605	6	X	X	X		X	X	X	X	X	
2.	B-202-QU01	GW		X		2200	8	X	X	X		X	X	X	X	X	
3.	B-207-SB02	S		X	6/1/05	11:00	7	X	X	X		X	X	X	X	X	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.3</u> °C
1. <u>Vanda Pujara</u>	<u>06/02 - 9:57</u>	<u>[Signature]</u> <u>0452</u>	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2. <u>[Signature]</u>	<u>6-3-25</u>	<u>[Signature]</u> <u>6-3-25</u>	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <u>[Signature]</u>	<u>6-3-25</u>	<u>[Signature]</u> <u>6-3-25</u>	

Page _____ of _____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete

☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

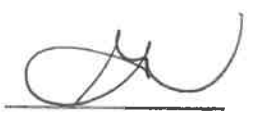
LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2198 PORT06
Client Name : Portal Partners Tri-Venture
Client Contact : Joseph Krupansky
Invoice Name : Portal Partners Tri-Venture
Invoice Contact : Joseph Krupansky

Order Date : 6/3/2025 2:31:00 PM
Project Name : Amtrak Sawtooth Bridges 2
Receive DateTime : 6/3/2025 ~~12:00:00~~ AM
Purchase Order : 19:02

Project Mgr :
Report Type : NJ Reduced
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2198-01	B-202-SB02	Solid	05/31/2025	16:55	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2198-03	B-207-SB01 B-207-SB02	Solid	06/01/2025	20:00 11:04	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2198-05	B-202-GW01	Water	05/31/2025	44:04 20:00	VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinquished By : 

Date / Time : 6/4/25 1040

Samples received on 6/3/25
Samples placed in SM-REF-2

Received By : 

Date / Time : 06/04/25 10:40

Storage Area : VOA Refrigerator Room

Reg #4
Reg #6
Fr2-2