

Cover Page

Order ID : Q2646

Project ID : North Arlington, NJ

Client : Environmental Restoration, LLC

Lab Sample Number

Q2646-01
Q2646-03

Client Sample Number

FRAC TANK
FRAC TANK

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: 7/31/2025

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 #: Q2646

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: PATEL VAISHALI

Date: 07/31/2025

LAB CHRONICLE

OrderID: Q2646
Client: Environmental Restoration, LLC
Contact: Steve Motta

OrderDate: 7/18/2025 11:47:00 AM
Project: North Arlington, NJ
Location: O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2646-01	FRAC TANK	WATER	PCB	8082A	07/18/25	07/22/25	07/23/25	07/18/25
Q2646-03	FRAC TANK	TCLP	TCLP Herbicide	8151A	07/18/25	07/23/25	07/31/25	07/18/25



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

Hit Summary Sheet
SW-846

SDG No.: Q2646

Order ID: Q2646

Client: Environmental Restoration, LLC

Project ID: North Arlington, NJ

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.: Q2646

Client: Environmental Restoration, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031156.D	PIBLK-PS031156.D	2,4-DCAA	1	500	397	79		70 (61)	130 (136)
		2,4-DCAA	2	500	504	101		70 (61)	130 (136)
I.BLK-PS031232.D	PIBLK-PS031232.D	2,4-DCAA	1	500	412	82		70 (61)	130 (136)
		2,4-DCAA	2	500	491	98		70 (61)	130 (136)
Q2641-02MS	P001-CONCRETE001-01MS	2,4-DCAA	1	500	452	90		70 (61)	130 (136)
		2,4-DCAA	2	500	499	100		70 (61)	130 (136)
Q2641-02MSD	P001-CONCRETE001-01MSD	2,4-DCAA	1	500	418	84		70 (61)	130 (136)
		2,4-DCAA	2	500	463	93		70 (61)	130 (136)
PB169001BL	PB169001BL	2,4-DCAA	1	500	407	81		70 (61)	130 (136)
		2,4-DCAA	2	500	473	95		70 (61)	130 (136)
PB169001BS	PB169001BS	2,4-DCAA	1	500	488	98		70 (61)	130 (136)
		2,4-DCAA	2	500	501	100		70 (61)	130 (136)
PB168926TB	PB168926TB	2,4-DCAA	1	500	596	119		70 (61)	130 (136)
		2,4-DCAA	2	500	508	102		70 (61)	130 (136)
I.BLK-PS031242.D	PIBLK-PS031242.D	2,4-DCAA	1	500	422	84		70 (61)	130 (136)
		2,4-DCAA	2	500	498	100		70 (61)	130 (136)
I.BLK-PS031274.D	PIBLK-PS031274.D	2,4-DCAA	1	500	404	81		70 (61)	130 (136)
		2,4-DCAA	2	500	491	98		70 (61)	130 (136)
I.BLK-PS031335.D	PIBLK-PS031335.D	2,4-DCAA	1	500	478	96		70 (61)	130 (136)
		2,4-DCAA	2	500	517	103		70 (61)	130 (136)
Q2646-03	FRAC TANK	2,4-DCAA	1	500	527	105		70 (61)	130 (136)
		2,4-DCAA	2	500	538	108		70 (61)	130 (136)
I.BLK-PS031338.D	PIBLK-PS031338.D	2,4-DCAA	1	500	520	104		70 (61)	130 (136)
		2,4-DCAA	2	500	537	107		70 (61)	130 (136)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2646</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Environmental Restoration, LLC</u>	DataFile :	<u>PS031234.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2641-02MS	Client Sample ID:	P001-CONCRETE001-01M								
(Column 1)											
2,4-D	50	0	80.3	ug/L	161	*			70 (65)	130 (135)	
2,4,5-TP(Silvex)	50	0	77.7	ug/L	155	*			70 (62)	130 (139)	
Lab Sample ID:	Q2641-02MS	Client Sample ID:	P001-CONCRETE001-01M								
(Column 2)											
2,4-D	50	0	86.2	ug/L	172	*			70 (65)	130 (135)	
2,4,5-TP(Silvex)	50	0	76.7	ug/L	153	*			70 (62)	130 (139)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2646</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Environmental Restoration, LLC</u>	DataFile :	<u>PS031235.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2641-02MSD	Client Sample ID:	P001-CONCRETE001-01M								
(Column 1)											
2,4-D	50	0	76.2	ug/L	152	*	6		70 (65)	130 (135)	20 (20)
2,4,5-TP(Silvex)	50	0	73.8	ug/L	148	*	5		70 (62)	130 (139)	20 (20)
Lab Sample ID:	Q2641-02MSD	Client Sample ID:	P001-CONCRETE001-01M								
(Column 2)											
2,4-D	50	0	80.9	ug/L	162	*	6		70 (65)	130 (135)	20 (20)
2,4,5-TP(Silvex)	50	0	72.7	ug/L	145	*	5		70 (62)	130 (139)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2646</u>	Analytical Method:	<u>8151A</u>
Client:	<u>Environmental Restoration, LLC</u>	Datafile :	<u>PS031237.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169001BS (Column 1)	2,4-D	5	6.00	ug/L	120				70 (83)	130 (130)	
	2,4,5-TP(Silvex)	5	5.60	ug/L	112				70 (78)	130 (127)	
PB169001BS (Column 2)	2,4-D	5	5.50	ug/L	110				70 (83)	130 (130)	
	2,4,5-TP(Silvex)	5	5.30	ug/L	106				70 (78)	130 (127)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169001BL

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: PB169001BL

Lab File ID: PS031236.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/23/2025

Date Analyzed (1): 07/24/2025

Date Analyzed (2): 07/24/2025

Time Analyzed (1): 19:52

Time Analyzed (2): 19:52

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
P001-CONCRETE001-01MS	Q2641-02MS	PS031234.D	07/24/2025	07/24/2025
P001-CONCRETE001-01MSD	Q2641-02MSD	PS031235.D	07/24/2025	07/24/2025
PB169001BS	PB169001BS	PS031237.D	07/24/2025	07/24/2025
PB168926TB	PB168926TB	PS031239.D	07/24/2025	07/24/2025
FRAC TANK	Q2646-03	PS031337.D	07/31/2025	07/31/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	07/23/25
Client Sample ID:	PB168926TB	SDG No.:	Q2646
Lab Sample ID:	PB168926TB	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
PS031239.D	1	07/23/25 11:45	07/24/25 21:04	PB169001

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	596		70 (61) - 130 (136)	119%	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\PS072425\
Data File : PS031239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:04
Operator : AR\AJ
Sample : PB168926TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168926TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:45:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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	7.318	7.763	2590.7E6	515.5E6	595.802	507.909

Target Compounds

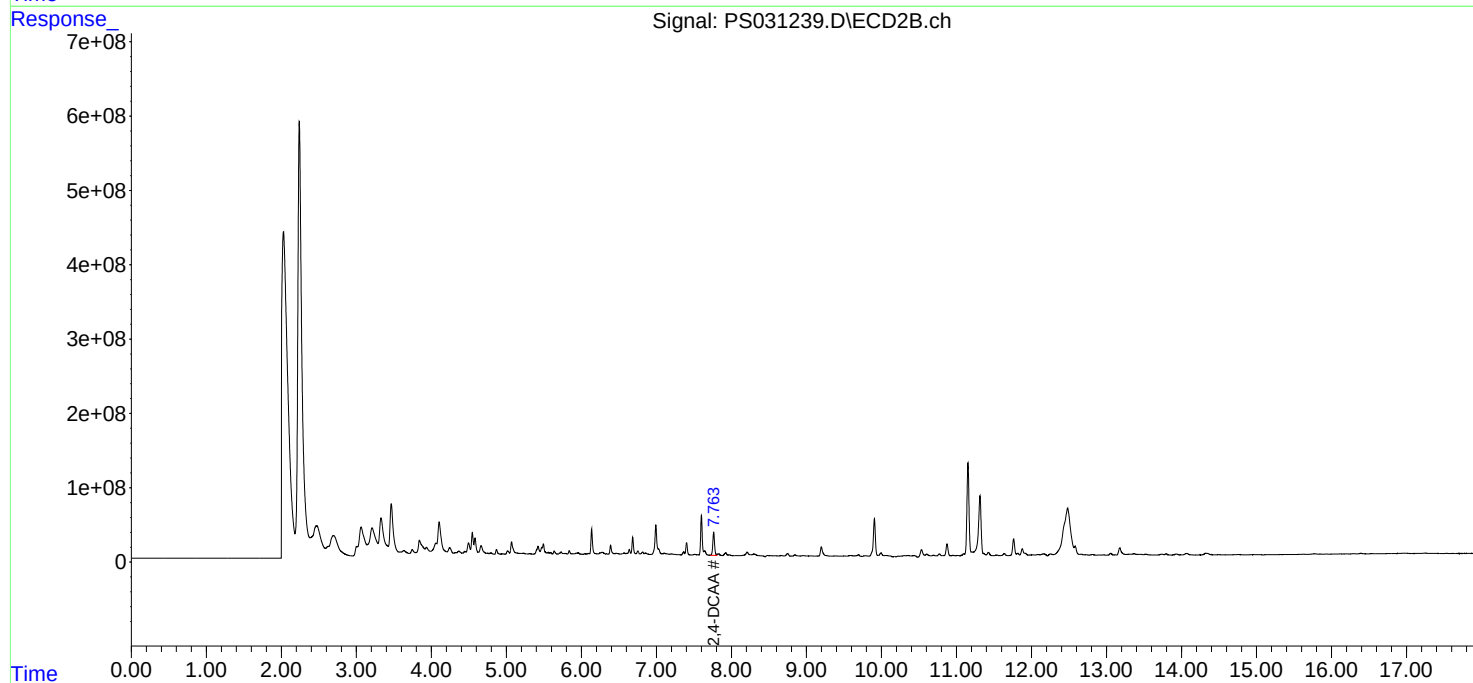
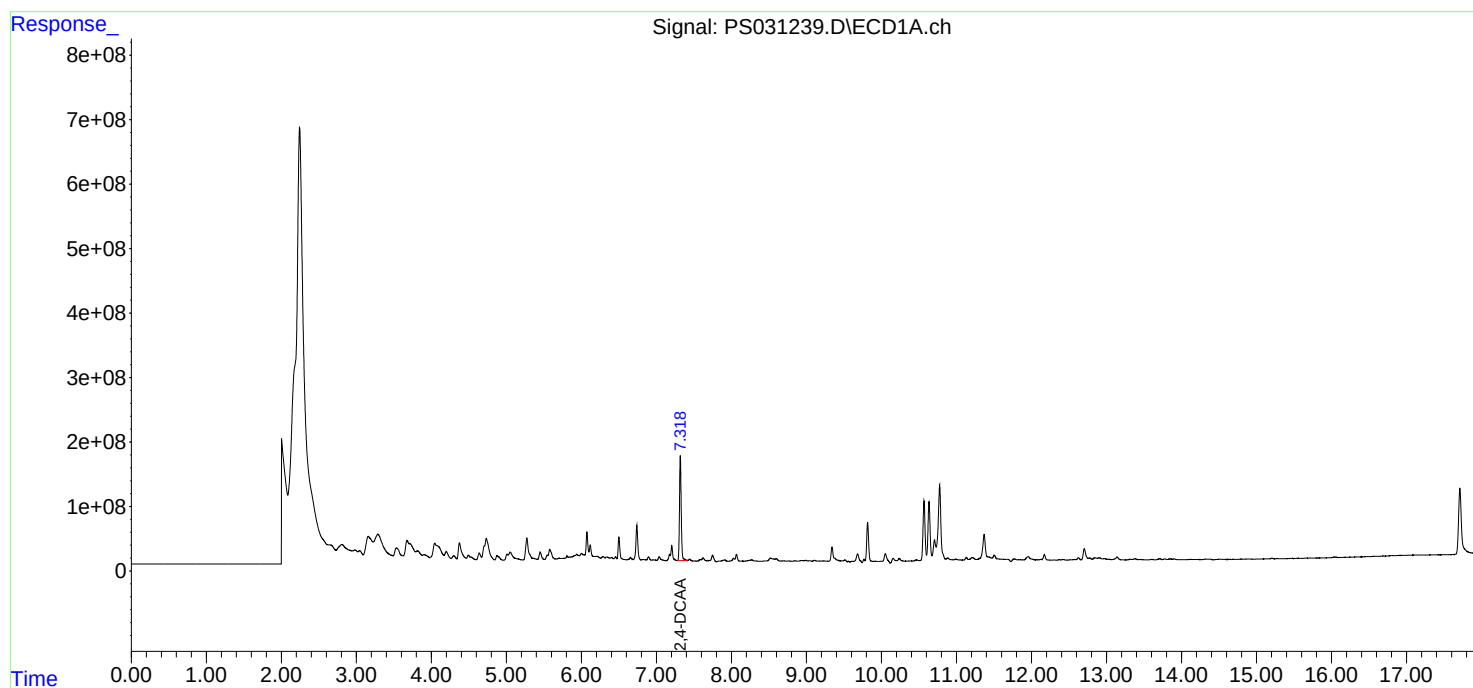
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

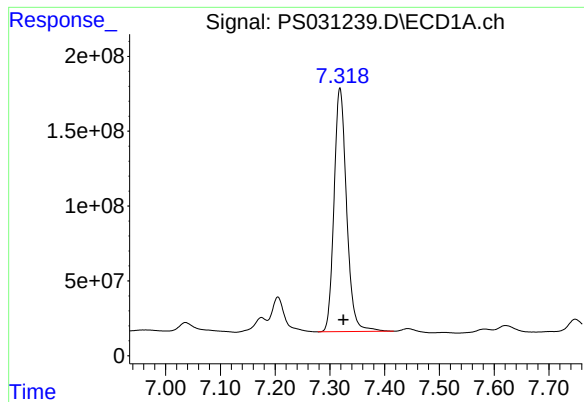
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031239.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 21:04
Operator : AR\AJ
Sample : PB168926TB
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168926TB

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:45:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

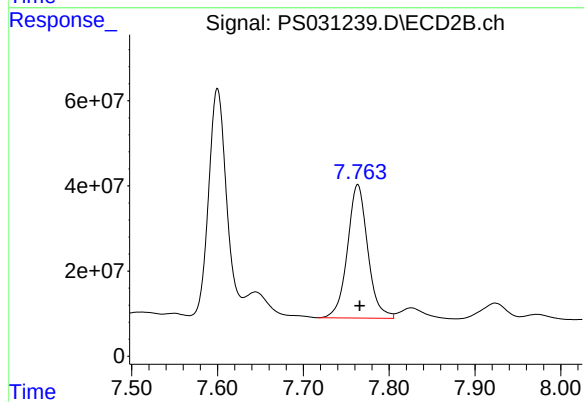




#4 2,4-DCAA

R.T.: 7.318 min
Delta R.T.: -0.006 min
Response: 2590699580
Conc: 595.80 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168926TB



#4 2,4-DCAA

R.T.: 7.763 min
Delta R.T.: -0.003 min
Response: 515511913
Conc: 507.91 ng/ml

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/18/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	FRAC TANK	SDG No.:	Q2646
Lab Sample ID:	Q2646-03	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
PS031337.D	1	07/23/25 11:45	07/31/25 13:39	PB169001

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	538		70 (61) - 130 (136)	108%	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\PS073125\
Data File : PS031337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 13:39
Operator : AR\AJ
Sample : Q2646-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
FRAC TANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 14:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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	7.308	7.752	1535.0E6	449.0E6	526.881	537.625

Target Compounds

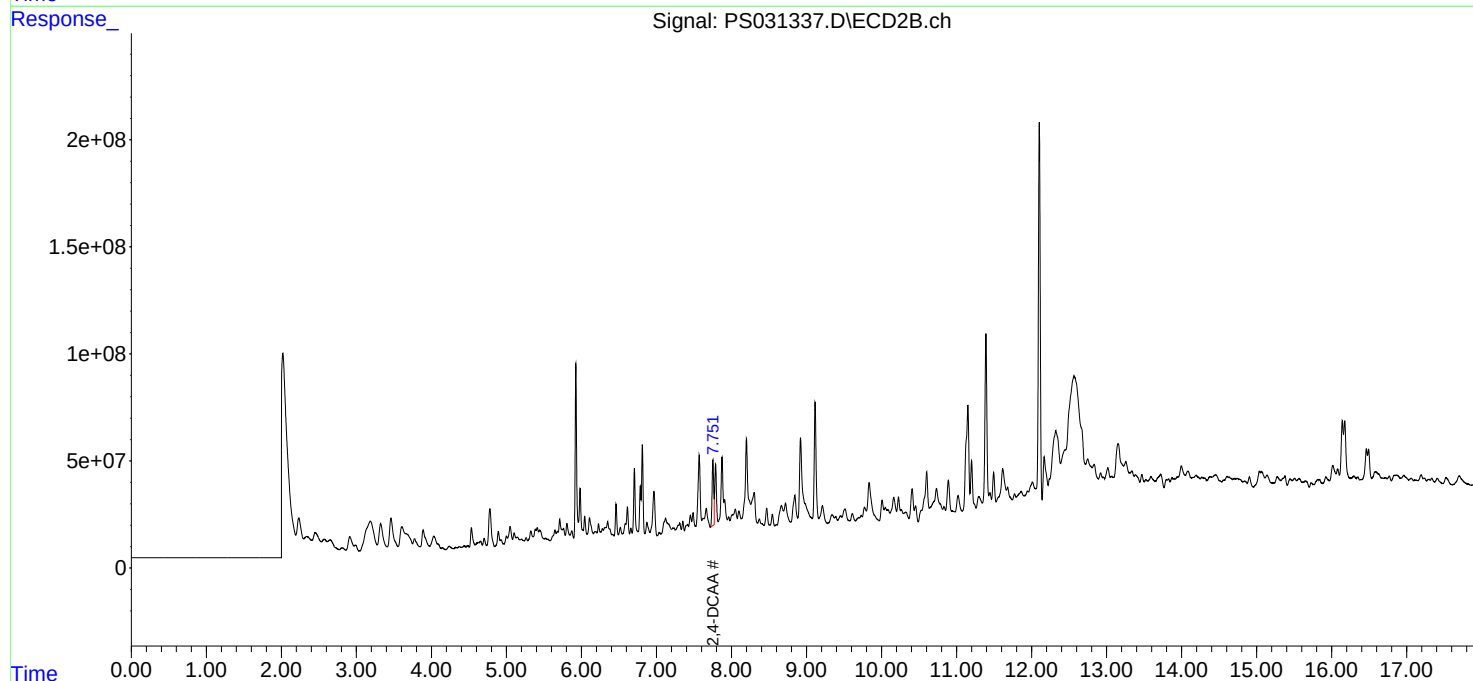
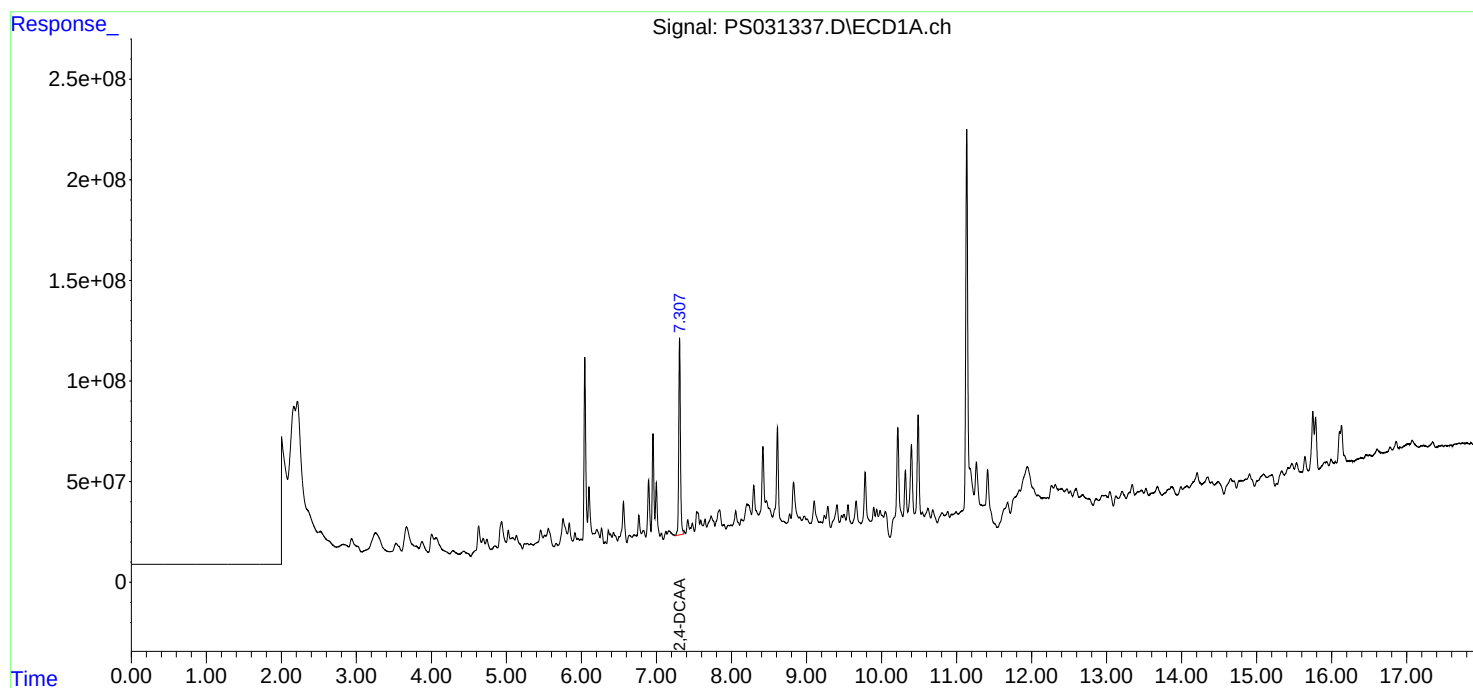
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
Data File : PS031337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 13:39
Operator : AR\AJ
Sample : Q2646-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
FRAC TANK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 14:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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



Response_

Signal: PS031337.D\ECD1A.ch

#4 2,4-DCAA

R.T.: 7.308 min

Delta R.T.: -0.007 min

Response: 1535018203

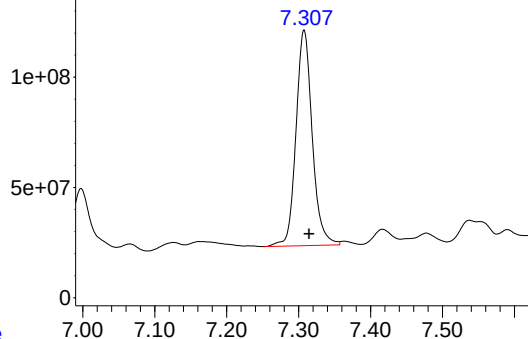
Conc: 526.88 ng/ml

Instrument :

ECD_S

ClientSampleId :

FRAC TANK



Time

Response_

Signal: PS031337.D\ECD2B.ch

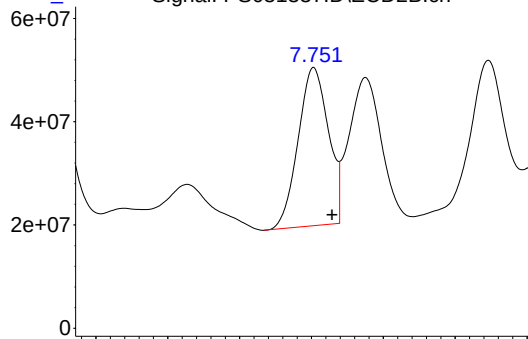
#4 2,4-DCAA

R.T.: 7.752 min

Delta R.T.: -0.013 min

Response: 448960208

Conc: 537.62 ng/ml



Time



CALIBRATION SUMMARY

Calibration Times: 15:02 16:39

LAB FILE ID:	RT 200 =	<u>PS031157.D</u>	RT 500 =	<u>PS031158.D</u>
	RT 750 =	PS031159.D	RT 1000 =	PS031160.D
			RT 1500 =	PS031161.D

[illegible]

Calibration Times: **15:02** **16:39**

LAB FILE ID:	RT 200 =	<u>PS031157.D</u>	RT 500 =	<u>PS031158.D</u>
	RT 750 =	PS031159.D	RT 1000 =	PS031160.D
			RT 1500 =	PS031161.D

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Instrument ID: ECD_S

Calibration Date(s): 07/21/2025 07/21/2025

Calibration Times: 15:02 16:39

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

LAB FILE ID:		CF 200 =	<u>PS031157.D</u>	CF 500 =	<u>PS031158.D</u>		
CF 750 =		<u>PS031159.D</u>	CF 1000 =	<u>PS031160.D</u>	CF 1500 =	<u>PS031161.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	24592600000	22780000000	21638700000	20857200000	19899400000	21953600000	8
2,4-D	4193860000	3820730000	3654460000	3552490000	3453030000	3734920000	8
2,4-DCAA	5091100000	4403340000	4248720000	4081100000	3917010000	4348250000	10



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Instrument ID: ECD_S

Calibration Date(s): 07/21/2025 07/21/2025

Calibration Times: 15:02 16:39

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

LAB FILE ID:		CF 200 =	<u>PS031157.D</u>	CF 500 =	<u>PS031158.D</u>		
CF 750 =		<u>PS031159.D</u>	CF 1000 =	<u>PS031160.D</u>	CF 1500 =	<u>PS031161.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16137400000	15454900000	14840900000	14348100000	13689700000	14894200000	6
2,4-D	1930260000	1742600000	1656200000	1604210000	1558320000	1698320000	9
2,4-DCAA	1147310000	1039810000	988394000	963101000	936229000	1014970000	8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
 Data File : PS031157.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 15:02
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC200

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:09:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 02:56:38 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	7.326	7.768	1018.2E6	229.5E6	239.653	232.155
Target Compounds							
1) T	Dalapon	2.687	2.705	1249.0E6	569.9E6	201.812	204.583
2) T	3,5-DICHL...	6.488	6.715	1193.9E6	320.5E6	222.298	215.115
3) T	4-Nitroph...	7.126	7.303	335.6E6	347.8E6	209.026	194.908
5) T	DICAMBA	7.514	7.968	3423.2E6	1271.2E6	210.405	198.102
6) T	MCPD	7.692	8.063	154.0E6	34811617	14.961	16.279
7) T	MCPA	7.841	8.311	215.4E6	57174138	17.126	18.096
8) T	DICHLORPROP	8.226	8.689	851.7E6	328.0E6	231.204	222.621
9) T	2,4-D	8.459	9.027	788.4E6	362.9E6	215.749	219.109
10) T	Pentachlo...	8.764	9.547	12562.1E6	8086.5E6	219.208	202.357
11) T	2,4,5-TP ...	9.343	9.930	4672.6E6	3066.1E6	215.937	206.598
12) T	2,4,5-T	9.638	10.358	3901.2E6	2914.7E6	199.977	205.894
13) T	2,4-DB	10.215	10.925	587.5E6	240.7E6	198.311	208.016
14) T	DINOSEB	11.428	11.308	3210.0E6	2260.5E6	208.197	201.011
15) T	Picloram	11.242	12.422	3638.6E6	4580.3E6	180.740	180.371
16) T	DCPA	11.725	12.352	6177.1E6	4718.4E6	218.100	203.744

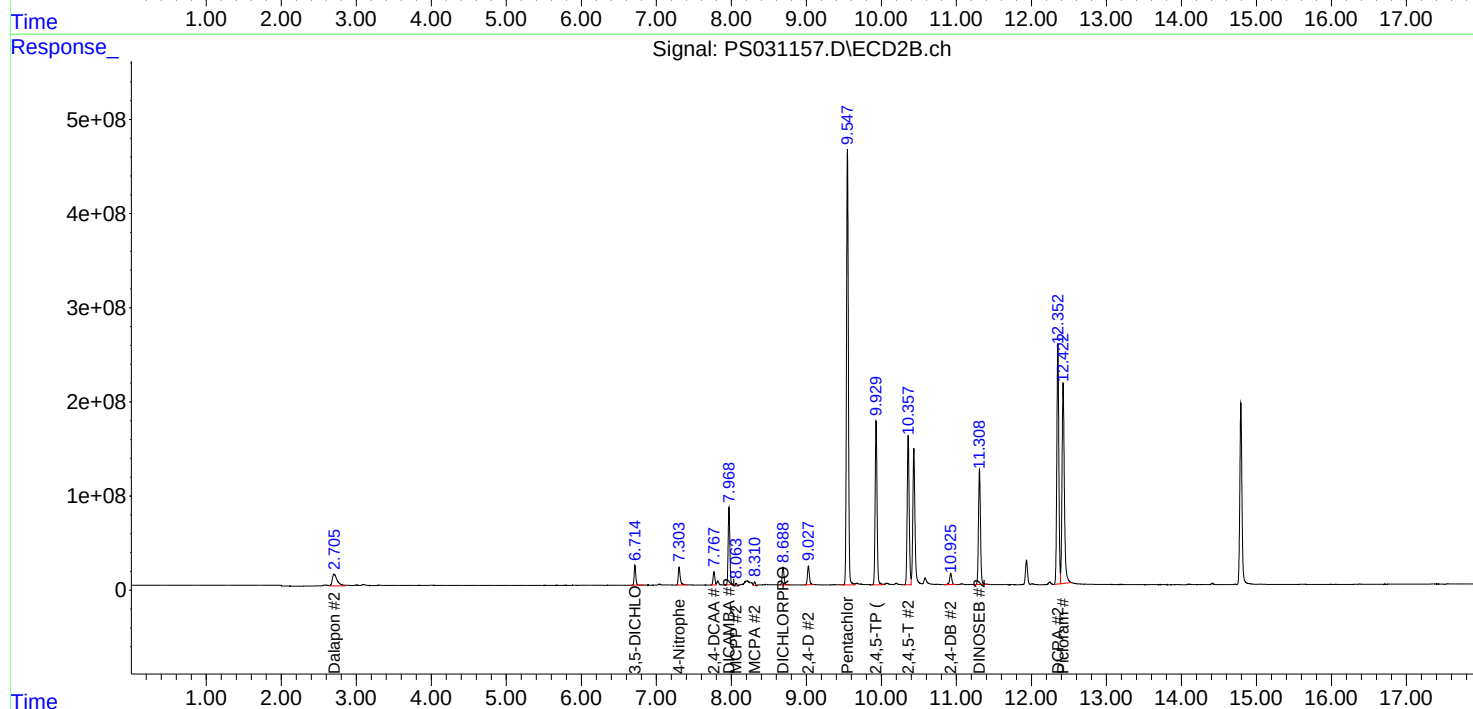
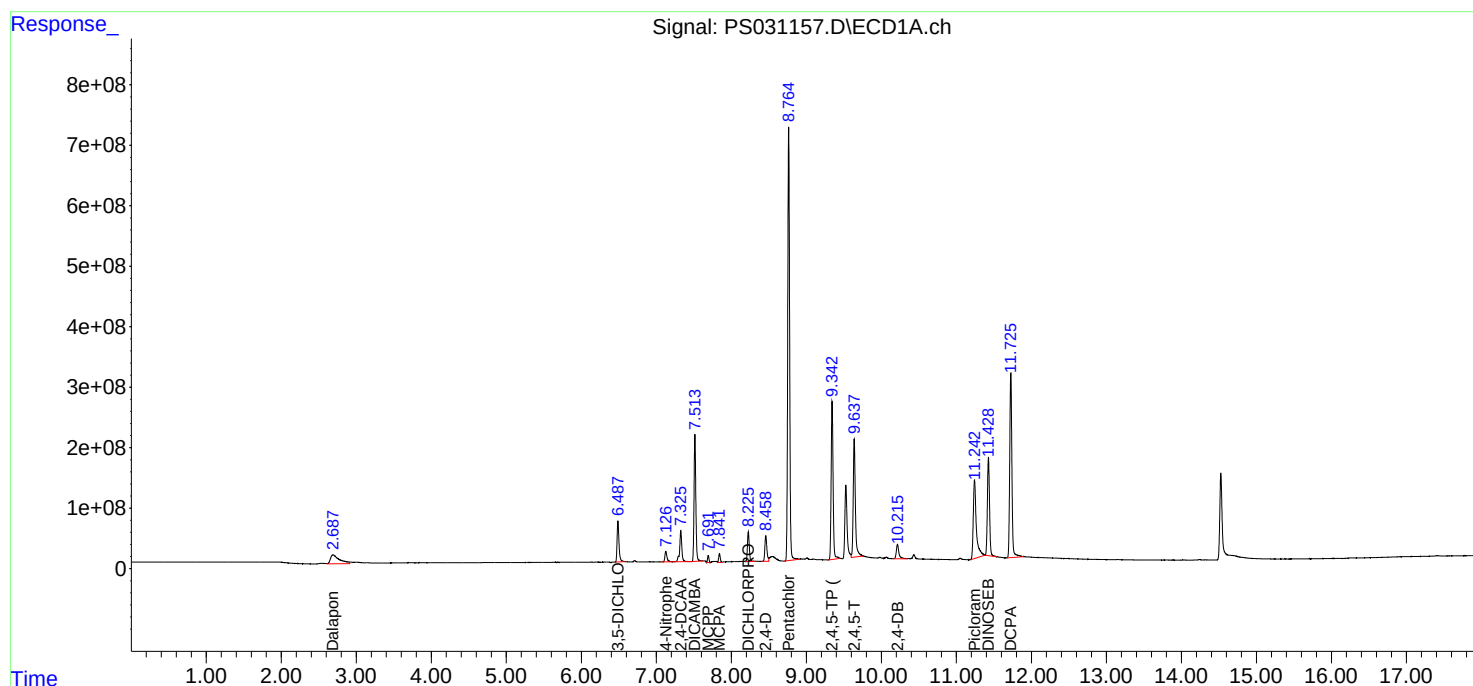
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
Data File : PS031157.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:02
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC200

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:09:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 02:56:38 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\PS072125\
 Data File : PS031158.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 15:26
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 07/22/2025

Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:09:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 02:56:38 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	7.325	7.767	2201.7E6	519.9E6	518.195m	526.012
Target Compounds							
1) T	Dalapon	2.690	2.705	2959.3E6	1321.5E6	478.152	474.374
2) T	3,5-DICHL...	6.487	6.714	2659.6E6	740.5E6	495.188	497.017
3) T	4-Nitroph...	7.125	7.301	767.9E6	829.3E6	478.348	464.714
5) T	DICAMBA	7.514	7.969	7996.5E6	3086.5E6	491.494	480.989
6) T	MCPD	7.694	8.066	467.8E6	100.3E6	45.447	46.925
7) T	MCPA	7.843	8.314	579.7E6	149.5E6	46.099	47.317
8) T	DICHLORPROP	8.226	8.689	1838.1E6	729.4E6	498.986	495.087
9) T	2,4-D	8.458	9.026	1795.7E6	819.0E6	491.384	494.516
10) T	Pentachlo...	8.763	9.548	29107.7E6	19707.8E6	507.927	493.167
11) T	2,4,5-TP ...	9.343	9.930	10820.5E6	7341.1E6	500.052	494.651
12) T	2,4,5-T	9.637	10.357	9577.2E6	6973.3E6	490.924	492.588
13) T	2,4-DB	10.214	10.925	1431.5E6	570.7E6	483.190	493.144
14) T	DINOSEB	11.428	11.309	7542.8E6	5427.1E6	489.222	482.587
15) T	Picloram	11.240	12.420	9521.9E6	12061.4E6	472.975	474.969
16) T	DCPA	11.726	12.353	14463.8E6	11492.2E6	510.682	496.241

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
Data File : PS031158.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:26
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations

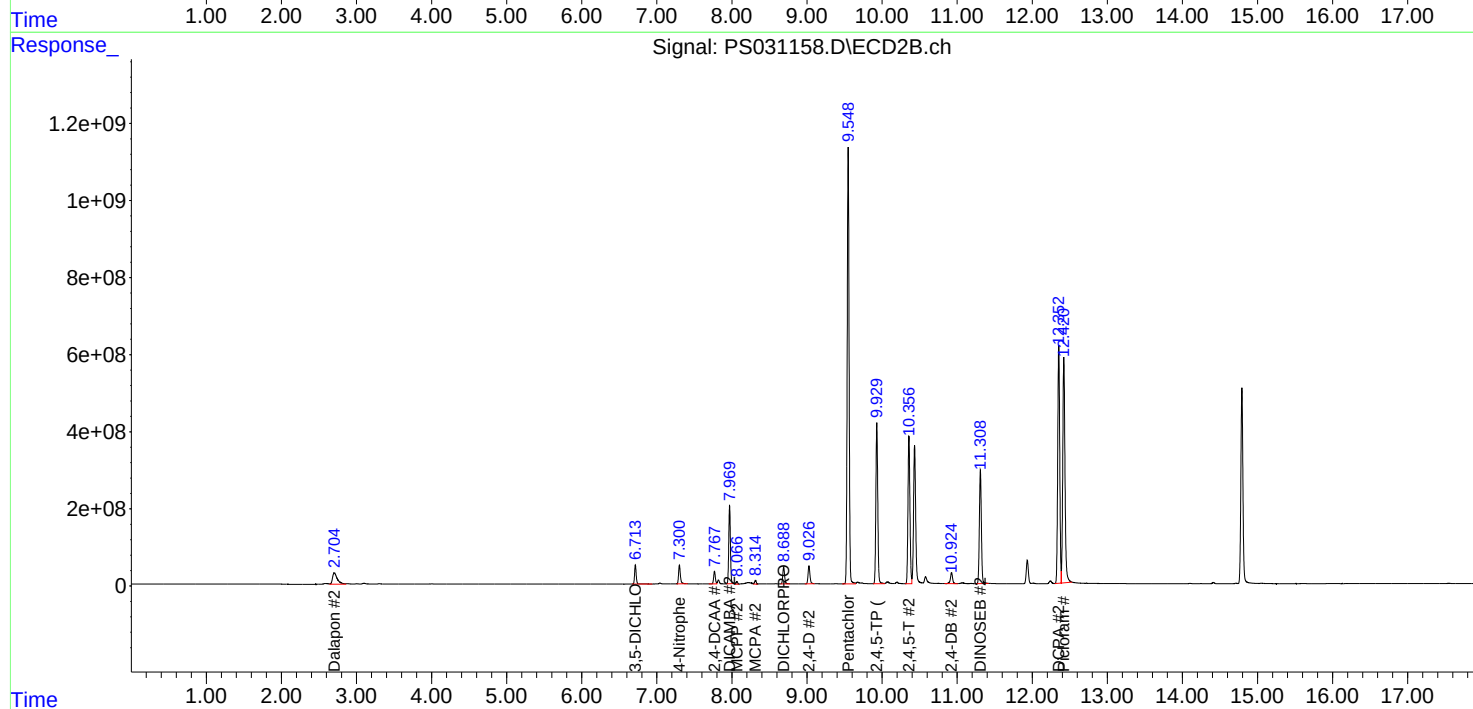
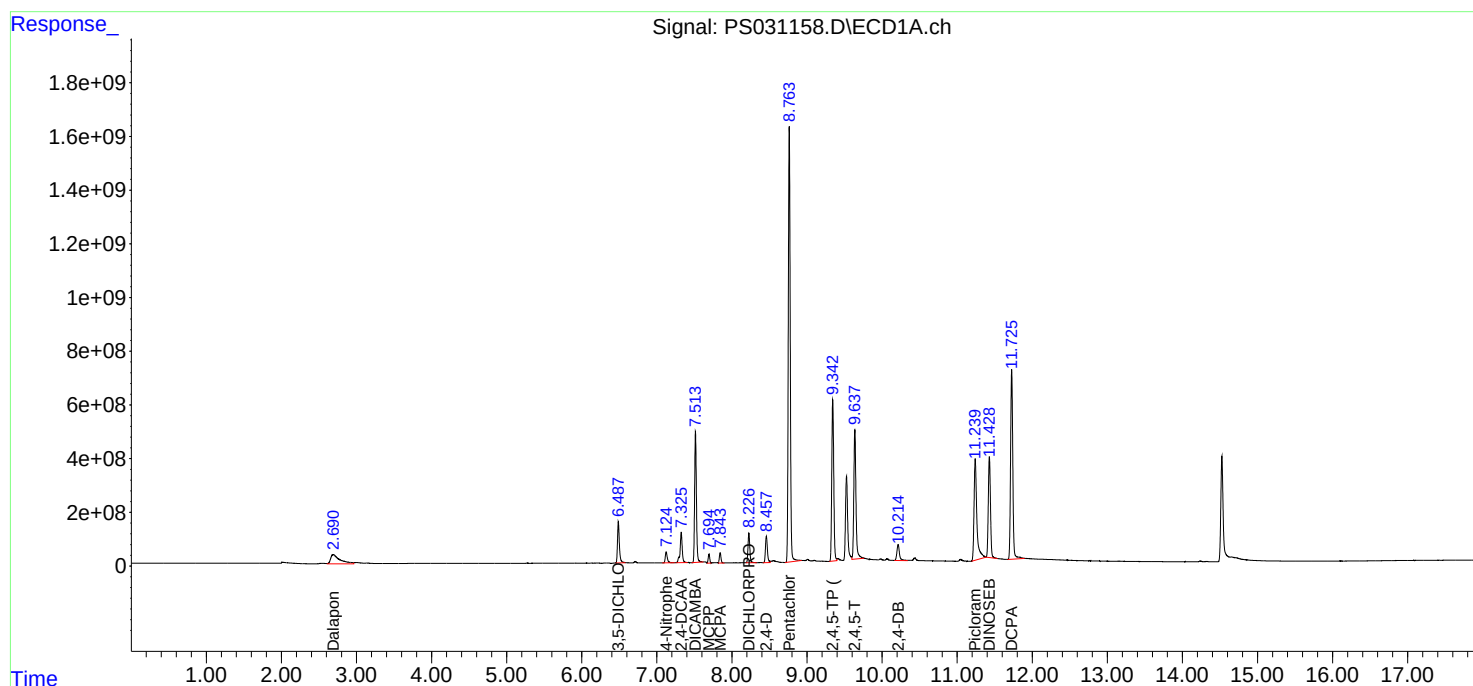
APPROVED

Reviewed By :Abdul Mirza 07/22/2025

Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:09:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 02:56:38 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\PS072125\
 Data File : PS031159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 15:51
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:09:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 02:56:38 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	7.325	7.766	3186.5E6	741.3E6	750.000	750.000
Target Compounds							
1) T	Dalapon	2.690	2.703	4224.0E6	1901.3E6	682.500	682.500
2) T	3,5-DICHL...	6.487	6.713	3746.2E6	1039.2E6	697.500	697.500
3) T	4-Nitroph...	7.124	7.299	1095.6E6	1217.9E6	682.500	682.500
5) T	DICAMBA	7.514	7.968	11470.2E6	4523.9E6	705.000	705.000
6) T	MCPD	7.695	8.067	725.7E6	150.8E6	70.500	70.500
7) T	MCPA	7.845	8.316	877.2E6	220.4E6	69.750	69.750
8) T	DICHLORPROP	8.224	8.688	2596.9E6	1038.7E6	705.000	705.000
9) T	2,4-D	8.456	9.024	2576.4E6	1167.6E6	705.000	705.000
10) T	Pentachlo...	8.764	9.547	40831.1E6	28472.7E6	712.500	712.500
11) T	2,4,5-TP ...	9.342	9.929	15417.6E6	10574.1E6	712.500	712.500
12) T	2,4,5-T	9.636	10.356	13899.8E6	10086.5E6	712.500	712.500
13) T	2,4-DB	10.213	10.923	2110.9E6	824.5E6	712.500	712.500
14) T	DINOSEB	11.427	11.308	10869.7E6	7928.3E6	705.000	705.000
15) T	Picloram	11.239	12.419	14344.0E6	18093.3E6	712.500	712.500
16) T	DCPA	11.724	12.352	20392.2E6	16674.1E6	720.000	720.000

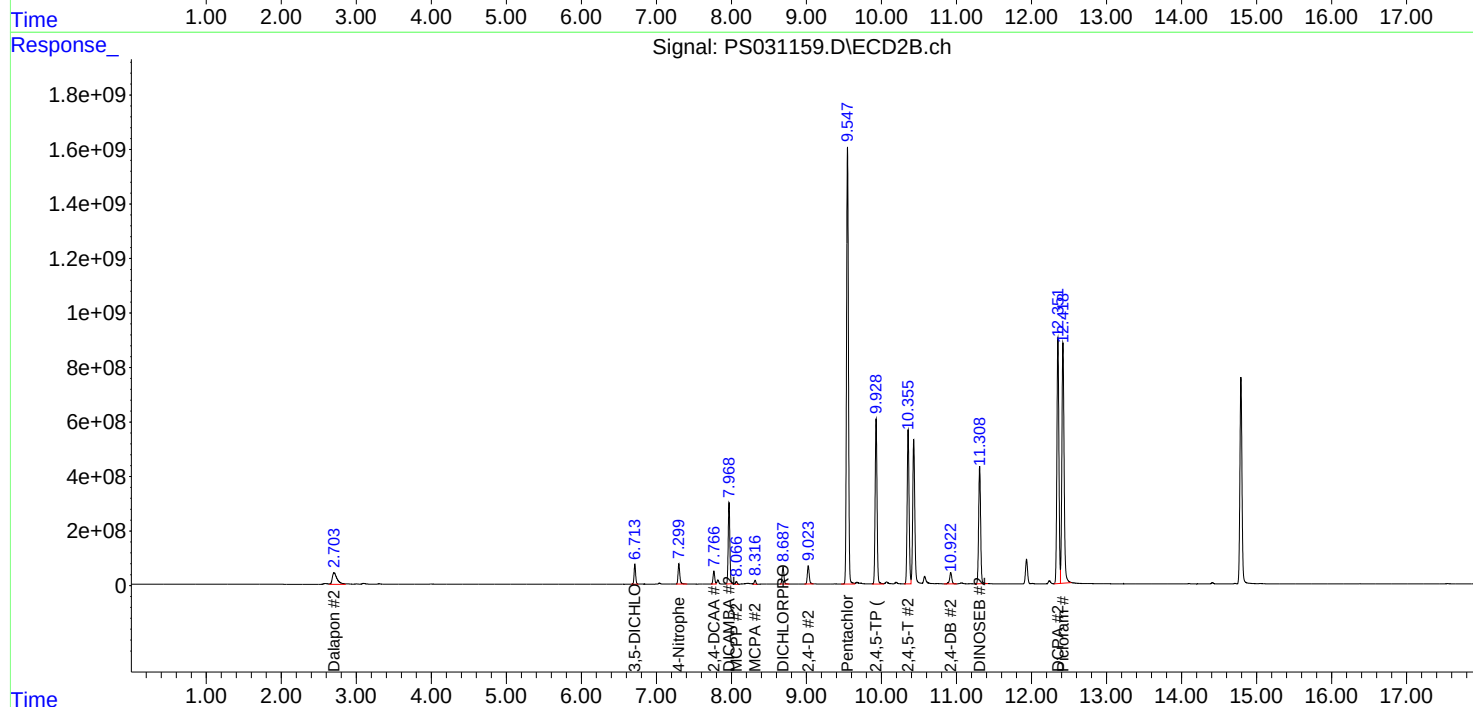
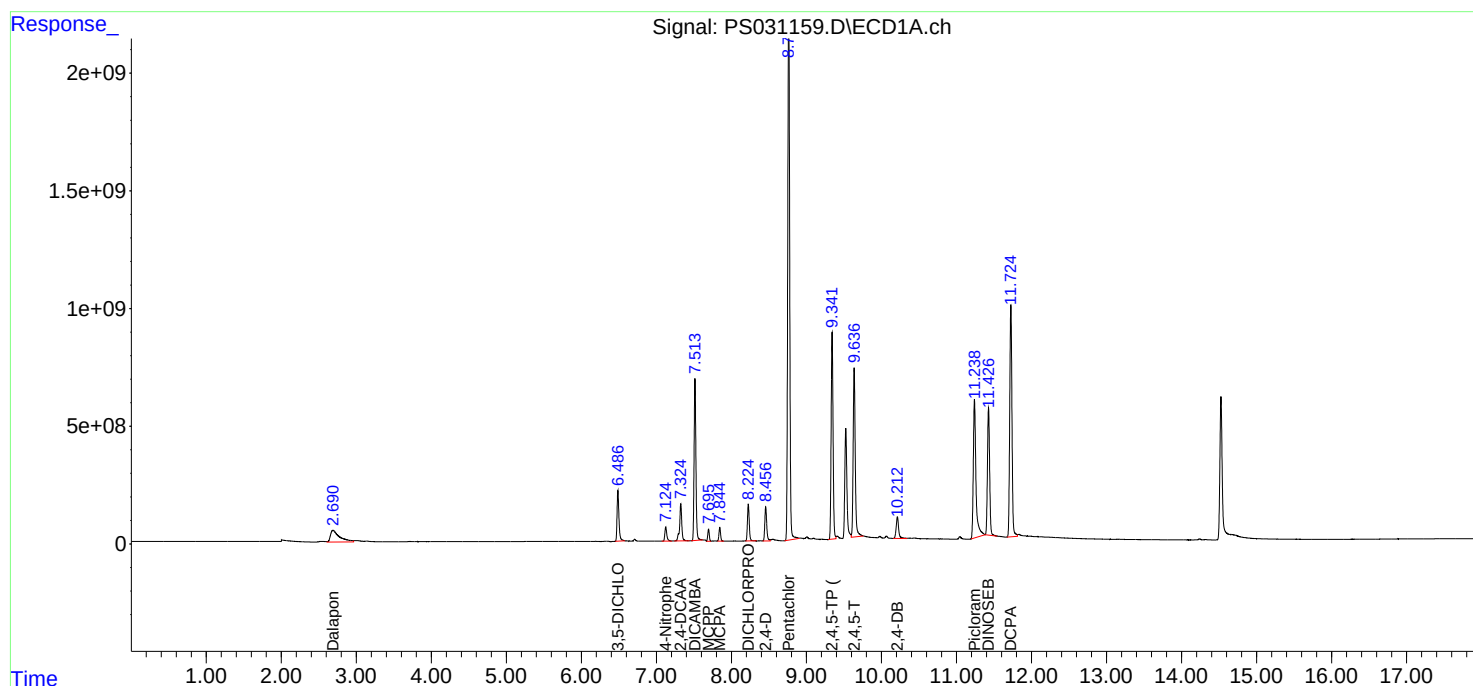
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
Data File : PS031159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:51
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:09:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 02:56:38 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\PS072125\
 Data File : PS031160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 16:15
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:10:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 02:56:38 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	7.325	7.767	4081.1E6	963.1E6	960.548	974.410
Target Compounds							
1) T	Dalapon	2.689	2.704	5453.5E6	2469.7E6	881.153	886.533
2) T	3,5-DICHL...	6.488	6.713	4802.5E6	1352.4E6	894.170	907.714
3) T	4-Nitroph...	7.124	7.299	1421.4E6	1607.0E6	885.429	900.562
5) T	DICAMBA	7.514	7.969	14833.0E6	5935.2E6	911.687	924.924
6) T	MCPD	7.697	8.069	988.3E6	202.3E6	96.010	94.579
7) T	MCPA	7.847	8.319	1186.7E6	292.4E6	94.362	92.559
8) T	DICHLORPROP	8.226	8.688	3335.1E6	1341.1E6	905.388	910.253
9) T	2,4-D	8.458	9.025	3339.3E6	1508.0E6	913.771	910.492
10) T	Pentachlo...	8.766	9.548	47049.8E6	36703.3E6	821.015	918.463
11) T	2,4,5-TP ...	9.343	9.929	19814.3E6	13630.7E6	915.689	918.454
12) T	2,4,5-T	9.637	10.356	18055.2E6	13055.2E6	925.505	922.208
13) T	2,4-DB	10.214	10.924	2771.7E6	1069.0E6	935.560	923.814
14) T	DINOSEB	11.428	11.308	14020.1E6	10337.9E6	909.338	919.272
15) T	Picloram	11.239	12.419	19111.4E6	23828.6E6	949.306	938.353
16) T	DCPA	11.725	12.353	25980.1E6	21487.8E6	917.296	927.856

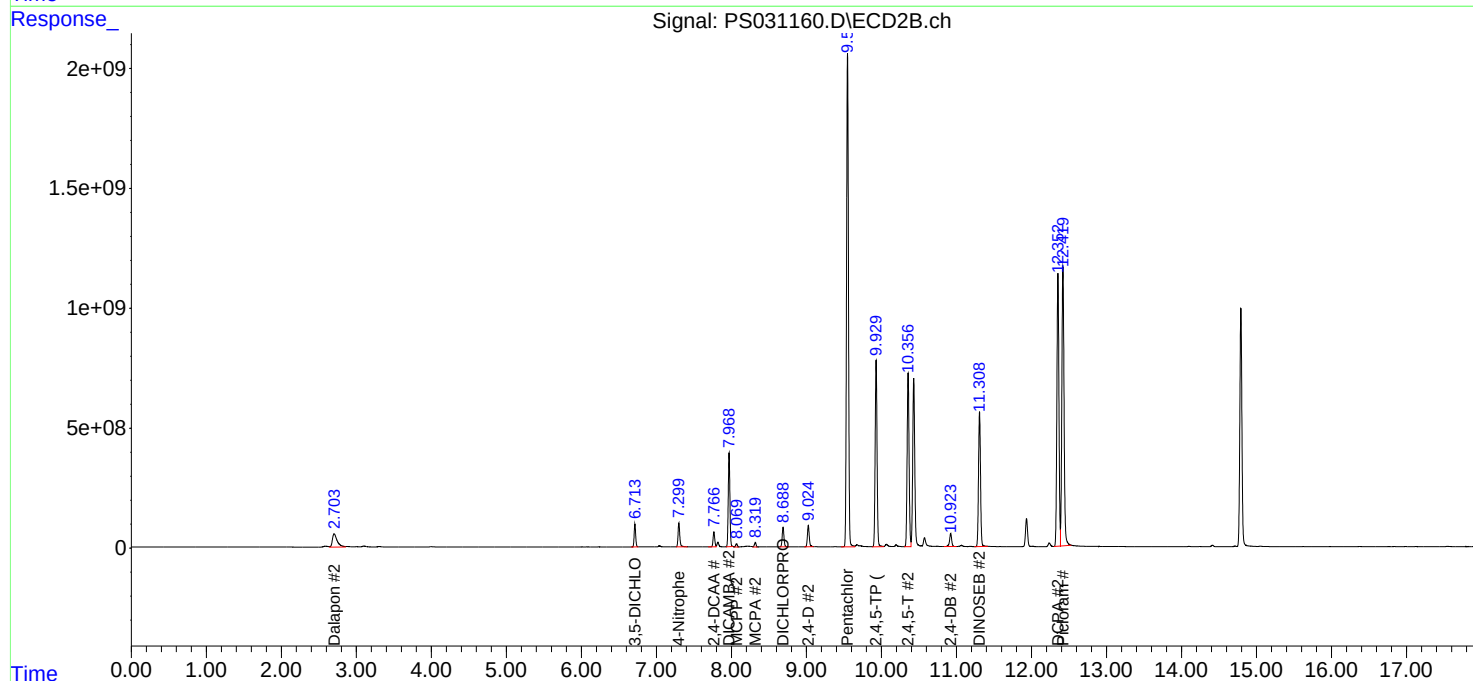
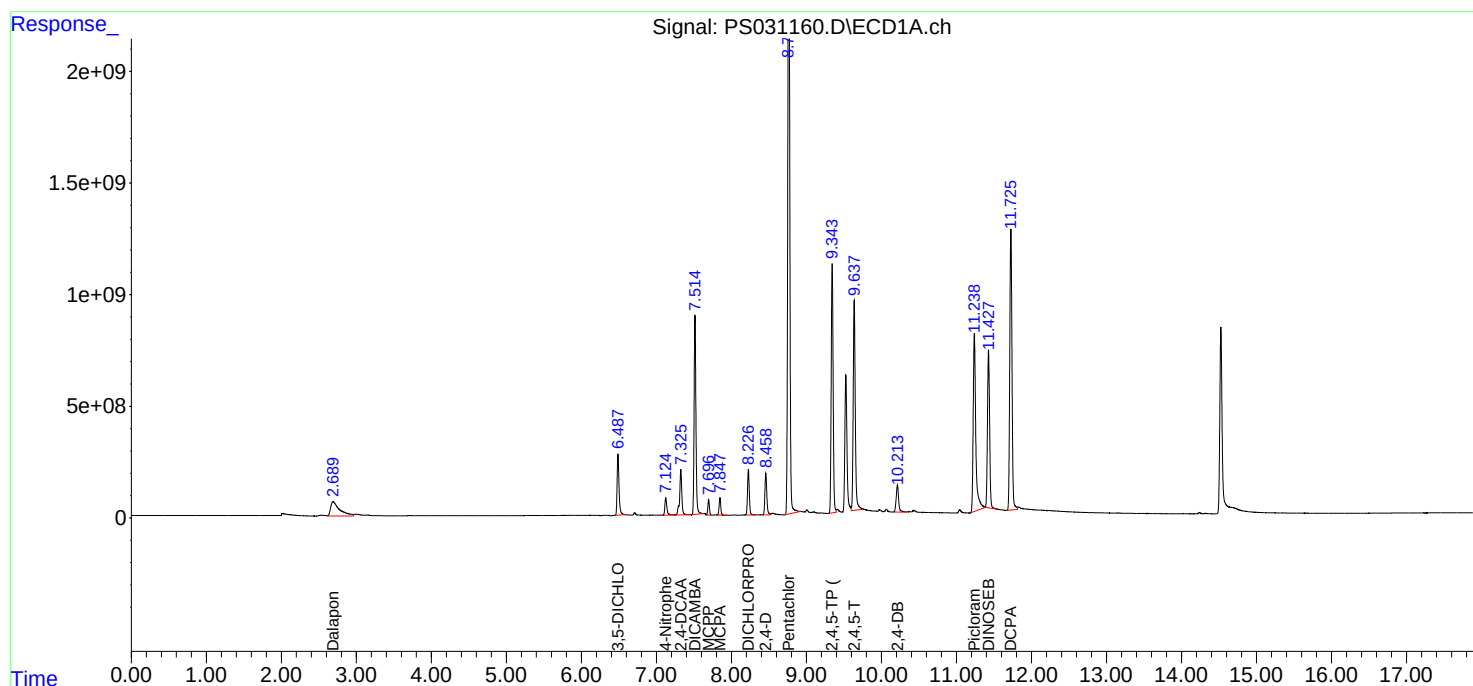
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
Data File : PS031160.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:15
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:10:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 02:56:38 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\PS072125\
 Data File : PS031161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 16:39
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:10:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 02:56:38 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	7.325	7.766	5875.5E6	1404.3E6	1382.891	1420.834
Target Compounds							
1) T	Dalapon	2.690	2.704	7938.8E6	3614.4E6	1282.720	1297.406
2) T	3,5-DICHL...	6.487	6.713	6892.0E6	2008.4E6	1283.221	1348.011
3) T	4-Nitroph...	7.124	7.299	2109.3E6	2405.8E6	1313.968	1348.194
5) T	DICAMBA	7.514	7.968	21449.9E6	8752.1E6	1318.388	1363.903
6) T	MCPD	7.700	8.072	1564.7E6	297.8E6	152.005	139.276
7) T	MCPA	7.851	8.323	1839.8E6	444.0E6	146.296	140.535
8) T	DICHLORPROP	8.226	8.688	4846.5E6	1942.3E6	1315.694	1318.255
9) T	2,4-D	8.457	9.024	4868.8E6	2197.2E6	1332.281	1326.671
10) T	Pentachlo...	8.770	9.550	55402.7E6	46681.0E6	966.773	1168.145
11) T	2,4,5-TP ...	9.342	9.929	28356.6E6	19507.8E6	1310.459	1314.463
12) T	2,4,5-T	9.636	10.356	26262.2E6	18777.4E6	1346.194	1326.415
13) T	2,4-DB	10.212	10.924	4222.7E6	1570.0E6	1425.313	1356.718
14) T	DINOSEB	11.427	11.308	20292.3E6	15081.1E6	1316.146	1341.040
15) T	Picloram	11.238	12.419	29336.1E6	34911.0E6	1457.188	1374.771
16) T	DCPA	11.725	12.353	37119.0E6	30414.9E6	1310.584	1313.335

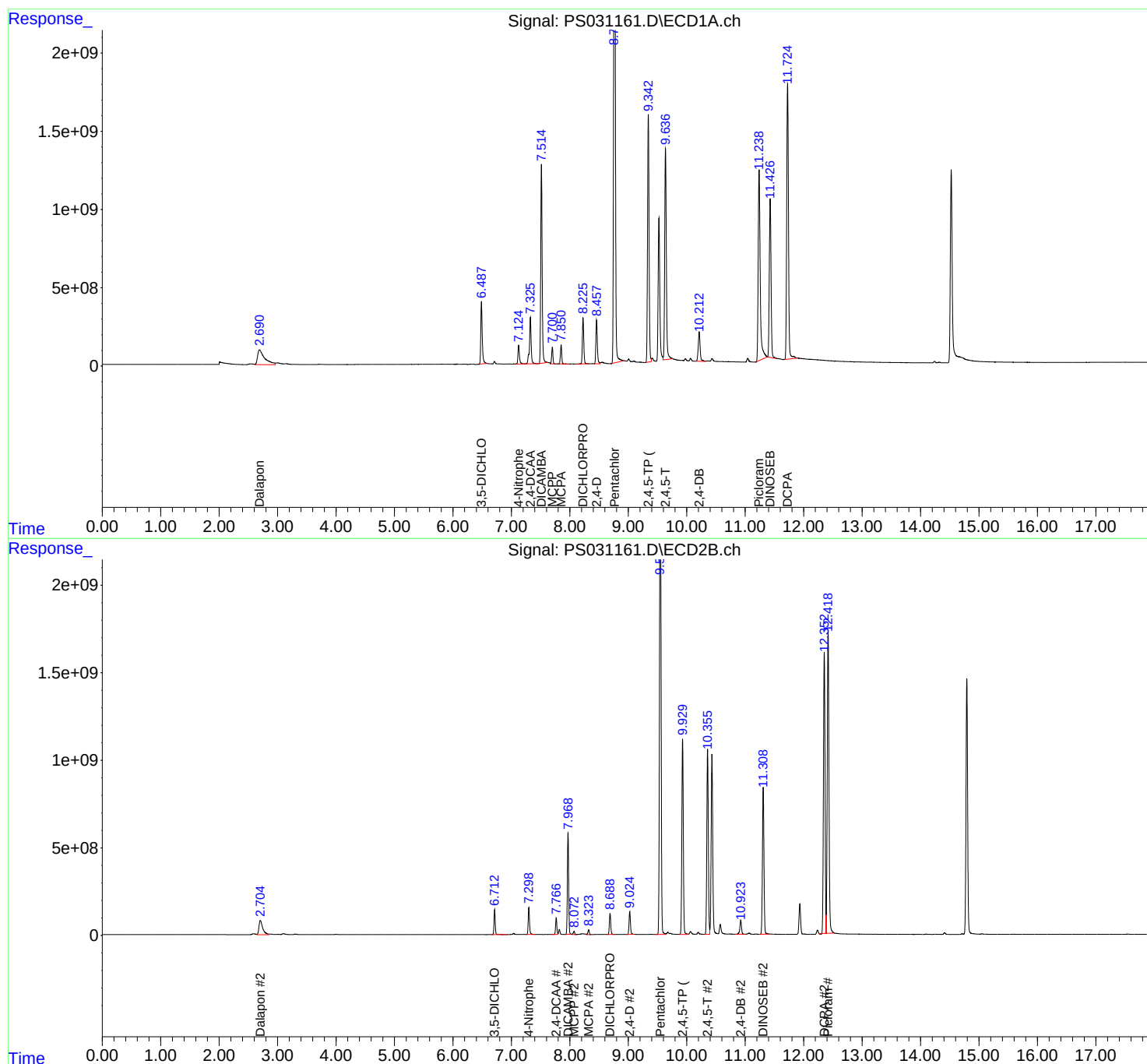
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
Data File : PS031161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:39
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:10:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 02:56:38 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\PS072125\
 Data File : PS031162.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 17:03
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS072125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:21:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.325	7.766	3151.9E6	737.7E6	724.866	726.846
Target Compounds							
1) T	Dalapon	2.689	2.704	4173.3E6	1879.7E6	665.294	662.611
2) T	3,5-DICHL...	6.487	6.713	3720.4E6	1048.9E6	673.648	681.176
3) T	4-Nitroph...	7.124	7.299	1093.9E6	1208.1E6	663.431	667.683
5) T	DICAMBA	7.514	7.968	11383.7E6	4491.4E6	690.051	695.985
6) T	MCPD	7.695	8.067	717.7E6	149.1E6	71.694	71.777
7) T	MCPA	7.845	8.316	870.1E6	218.8E6	69.526	69.334
8) T	DICHLORPROP	8.225	8.688	2575.1E6	1032.5E6	673.767	681.551
9) T	2,4-D	8.457	9.024	2569.4E6	1160.9E6	687.928	683.569
10) T	Pentachlo...	8.764	9.547	40612.6E6	28167.9E6	743.526	720.754
11) T	2,4,5-TP ...	9.342	9.929	15374.0E6	10489.0E6	700.294	704.236
12) T	2,4,5-T	9.636	10.356	13928.3E6	10005.6E6	713.254	703.659
13) T	2,4-DB	10.213	10.924	2126.9E6	808.9E6	711.349	691.028
14) T	DINOSEB	11.428	11.308	10850.3E6	7842.7E6	696.895	693.919
15) T	Picloram	11.238	12.419	14555.0E6	17953.2E6	727.512	721.155
16) T	DCPA	11.724	12.352	20286.6E6	16452.0E6	707.009	714.185

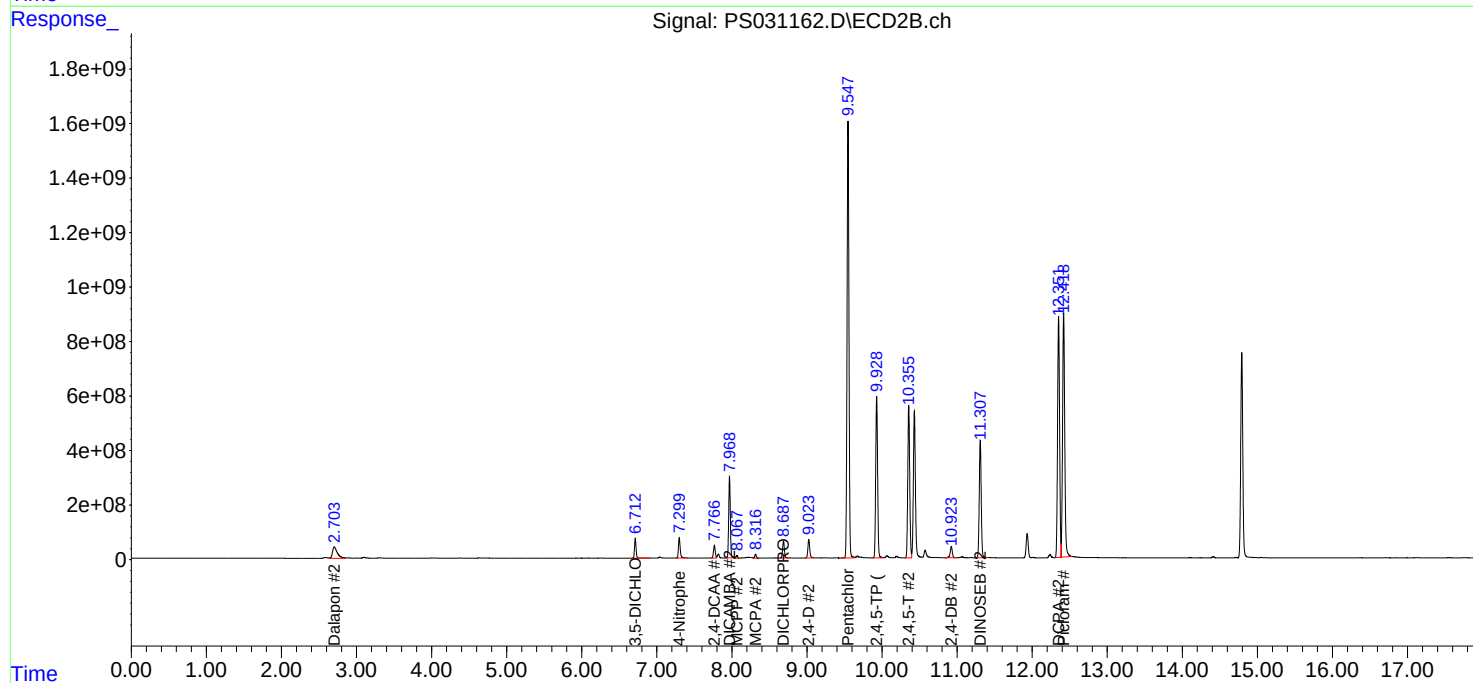
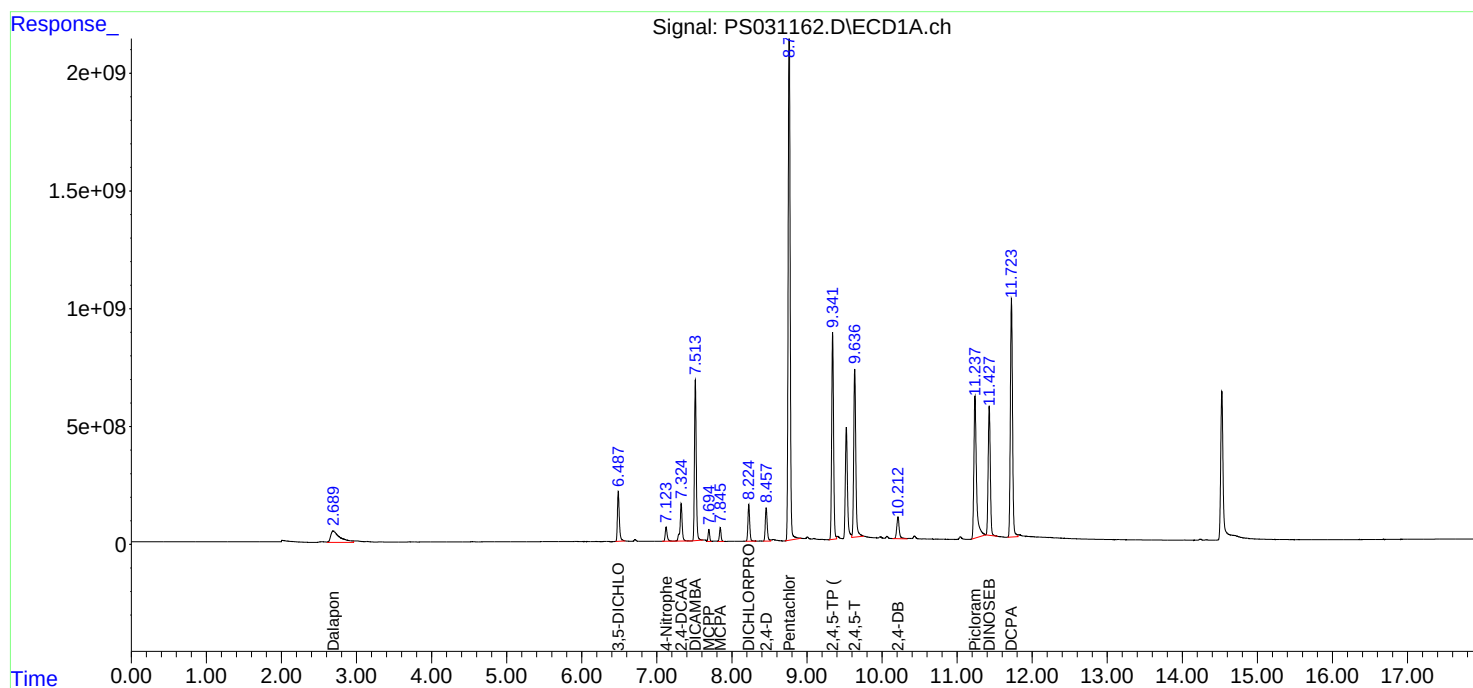
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
Data File : PS031162.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 17:03
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ICVPS072125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:21:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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



Calibration Times: **16:30** **18:07**

LAB FILE ID:	RT 200 =	<u>PS031275.D</u>	RT 500 =	<u>PS031276.D</u>
	RT 750 =	PS031277.D	RT 1000 =	PS031278.D
			RT 1500 =	PS031279.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>ENVI60</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2646</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>07/29/2025</u> <u>07/29/2025</u>
		Calibration Times:	<u>16:30</u> <u>18:07</u>

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

LAB FILE ID:	RT 200 = <u>PS031275.D</u>	RT 500 = <u>PS031276.D</u>
RT 750 = <u>PS031277.D</u>	RT 1000 = <u>PS031278.D</u>	RT 1500 = <u>PS031279.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW FROM TO	
2,4,5-TP(Silvex)	9.93	9.92	9.92	9.92	9.92	9.92	9.82	10.02
2,4-D	9.03	9.03	9.03	9.02	9.02	9.03	8.93	9.13
2,4-DCAA	7.77	7.77	7.77	7.76	7.76	7.77	7.67	7.87



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Instrument ID: ECD_S

Calibration Date(s): 07/29/2025 07/29/2025

Calibration Times: 16:30 18:07

GC Column: RTX-CLP

ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031275.D</u>	CF 500 =	<u>PS031276.D</u>		
CF 750 =		<u>PS031277.D</u>	CF 1000 =	<u>PS031278.D</u>	CF 1500 =	<u>PS031279.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	16396000000	16819100000	16676100000	16892300000	16522800000	16661300000	1
2,4-D	2576570000	2575840000	2553160000	2630000000	2631140000	2593340000	1
2,4-DCAA	3064840000	2959730000	2862370000	2871350000	2808730000	2913400000	3



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Instrument ID: ECD_S

Calibration Date(s): 07/29/2025 07/29/2025

Calibration Times: 16:30 18:07

GC Column: RTX-CLP2

ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031275.D</u>	CF 500 =	<u>PS031276.D</u>		
CF 750 =		<u>PS031277.D</u>	CF 1000 =	<u>PS031278.D</u>	CF 1500 =	<u>PS031279.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-TP(Silvex)	13057400000	12937900000	12568100000	12631100000	12319500000	12702800000	2
2,4-D	1448930000	1409840000	1369840000	1380980000	1368050000	1395530000	2
2,4-DCAA	882797000	843990000	816032000	820679000	811907000	835081000	4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
 Data File : PS031275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 16:30
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 07/30/2025

Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 17:39:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 17:34:36 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	7.316	7.768	613.0E6	176.6E6	206.922	208.304
Target Compounds							
1) T	Dalapon	2.688	2.704	921.2E6	469.2E6	188.568	188.630
2) T	3,5-DICHL...	6.478	6.715	822.8E6	252.1E6	191.081	192.345
3) T	4-Nitroph...	7.118	7.313	182.4E6	226.4E6	181.893	178.469
5) T	DICAMBA	7.503	7.966	2468.5E6	1011.0E6	190.422	187.976
6) T	MCP	7.681	8.060	113.1E6	25466191	15.263	15.980
7) T	MCPA	7.831	8.308	152.6E6	42129242	16.560	16.914
8) T	DICHLORPROP	8.214	8.687	633.4E6	264.1E6	203.032	198.356
9) T	2,4-D	8.448	9.030	484.4E6	272.4E6	188.589	193.254
10) T	Pentachlo...	8.745	9.538	9305.3E6	6464.8E6	191.406	189.296
11) T	2,4,5-TP ...	9.327	9.925	3115.2E6	2480.9E6	187.322	192.999
12) T	2,4,5-T	9.623	10.355	2308.7E6	2217.7E6	179.129	189.723
13) T	2,4-DB	10.202	10.925	289.9E6	173.0E6	175.484	180.975m
14) T	DINOSEB	11.407	11.302	2130.4E6	1807.8E6	187.195	192.540
15) T	Picloram	11.230	12.428	1927.2E6	2762.4E6	173.439	170.671
16) T	DCPA	11.705	12.346	3830.0E6	3578.8E6	186.172	191.067

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
Data File : PS031275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:30
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations

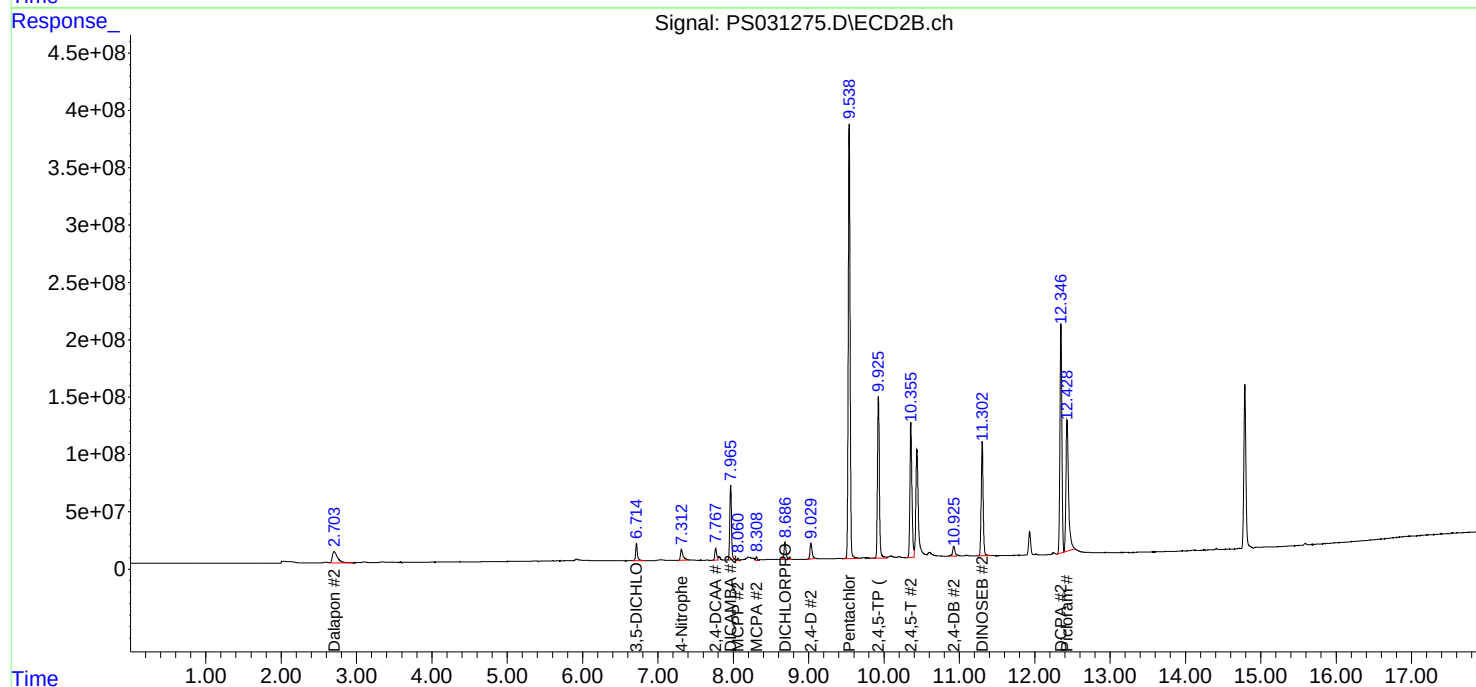
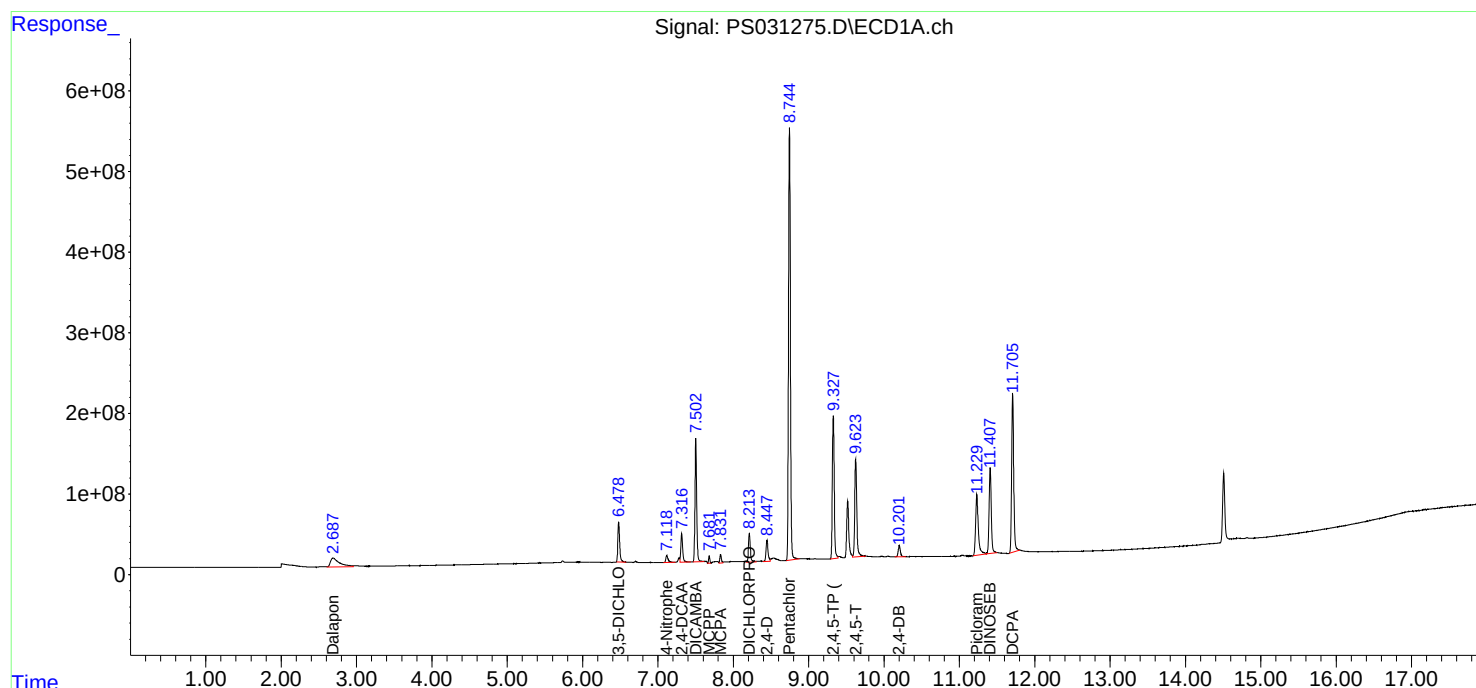
APPROVED

Reviewed By :Abdul Mirza 07/30/2025

Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 17:39:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 17:34:36 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\PS072925\
 Data File : PS031276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 16:54
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 17:37:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 17:34:36 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	7.316	7.766	1479.9E6	422.0E6	508.361	508.421
Target Compounds							
1) T	Dalapon	2.687	2.704	2224.4E6	1122.4E6	463.702	459.609
2) T	3,5-DICHL...	6.478	6.713	2011.4E6	607.7E6	473.617	471.804
3) T	4-Nitroph...	7.117	7.306	456.9E6	583.2E6	455.473	455.371
5) T	DICAMBA	7.503	7.965	6116.3E6	2545.3E6	474.878	473.223
6) T	MCPD	7.682	8.062	374.1E6	79075575	46.126	46.157
7) T	MCPA	7.832	8.310	446.0E6	120.6E6	45.871	46.328
8) T	DICHLORPROP	8.213	8.686	1443.5E6	621.4E6	481.940	479.870
9) T	2,4-D	8.446	9.026	1210.6E6	662.6E6	472.078	476.764
10) T	Pentachlo...	8.744	9.538	23252.7E6	16426.0E6	480.076	480.083
11) T	2,4,5-TP ...	9.327	9.924	7989.1E6	6145.5E6	477.029	481.888
12) T	2,4,5-T	9.622	10.353	6223.9E6	5603.4E6	469.473	479.022
13) T	2,4-DB	10.200	10.923	801.6E6	473.4E6	467.453	481.624
14) T	DINOSEB	11.406	11.302	5344.4E6	4392.7E6	468.594	473.565
15) T	Picloram	11.228	12.423	5380.0E6	7919.9E6	463.946	465.630
16) T	DCPA	11.705	12.346	10037.6E6	9125.4E6	480.627	486.010

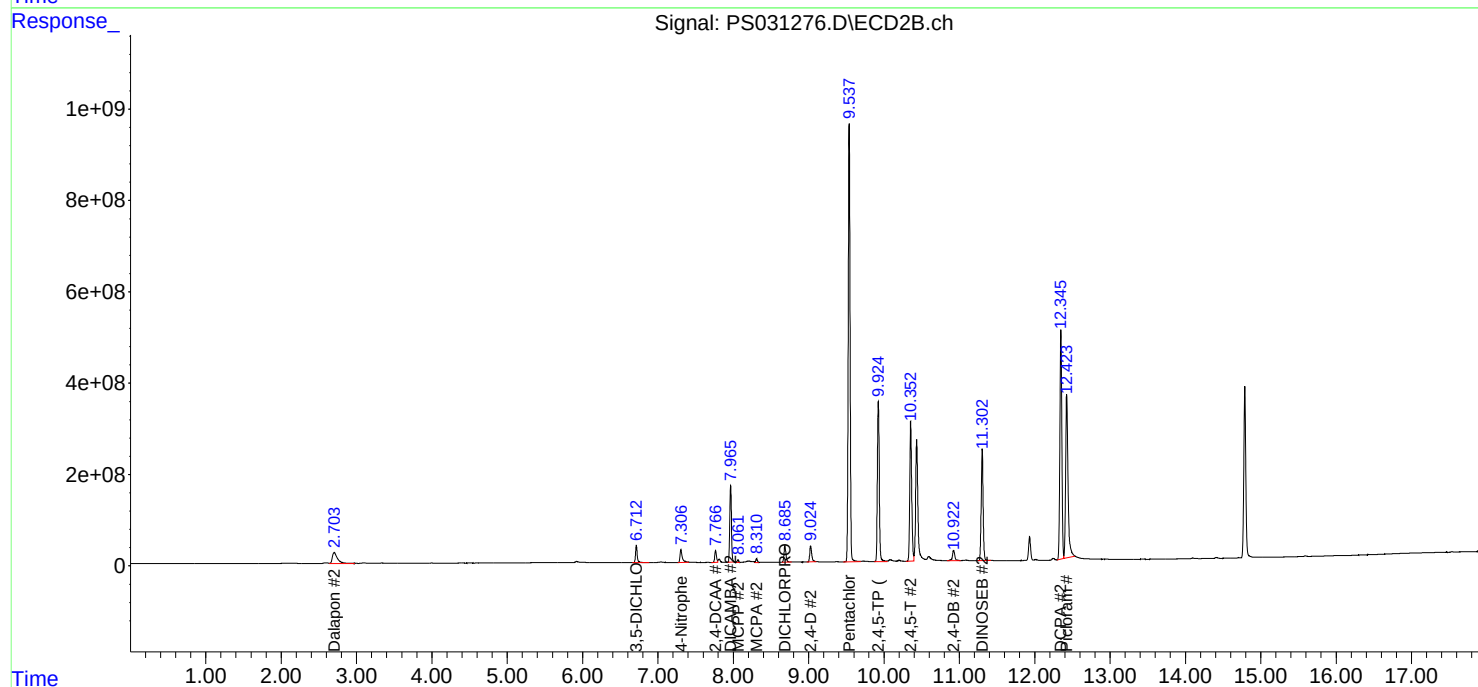
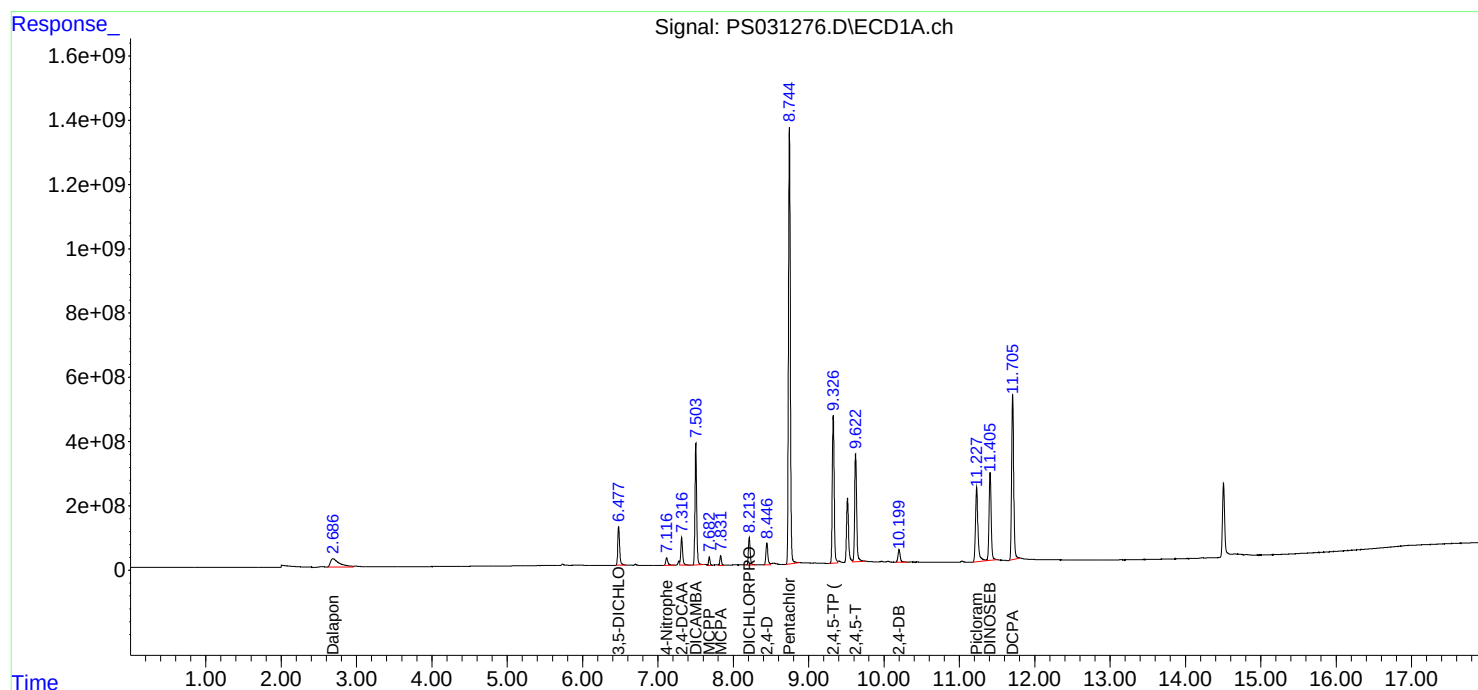
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
Data File : PS031276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:54
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 17:37:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 17:34:36 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\PS072925\
 Data File : PS031277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 17:18
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 17:35:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 17:34:36 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	7.315	7.766	2146.8E6	612.0E6	750.000	750.000
Target Compounds							
1) T	Dalapon	2.691	2.703	3211.3E6	1649.8E6	682.500	682.500
2) T	3,5-DICHL...	6.478	6.712	2907.4E6	885.3E6	697.500	697.500
3) T	4-Nitroph...	7.115	7.304	683.9E6	873.4E6	682.500	682.500
5) T	DICAMBA	7.503	7.965	8985.9E6	3766.0E6	705.000	705.000
6) T	MCP	7.683	8.063	582.3E6	122.9E6	70.500	70.500
7) T	MCPA	7.833	8.312	687.3E6	182.3E6	69.750	69.750
8) T	DICHLORPROP	8.213	8.685	2058.0E6	893.7E6	705.000	705.000
9) T	2,4-D	8.446	9.025	1800.0E6	965.7E6	705.000	705.000
10) T	Pentachlo...	8.744	9.538	34141.5E6	24117.3E6	712.500	712.500
11) T	2,4,5-TP ...	9.327	9.924	11881.7E6	8954.8E6	712.500	712.500
12) T	2,4,5-T	9.621	10.352	9555.7E6	8264.0E6	712.500	712.500
13) T	2,4-DB	10.199	10.922	1241.2E6	690.6E6	712.500	712.500
14) T	DINOSEB	11.407	11.302	8064.7E6	6489.8E6	705.000	705.000
15) T	Picloram	11.227	12.421	8454.6E6	12358.0E6	712.500	712.500
16) T	DCPA	11.705	12.345	15017.1E6	13349.6E6	720.000	720.000

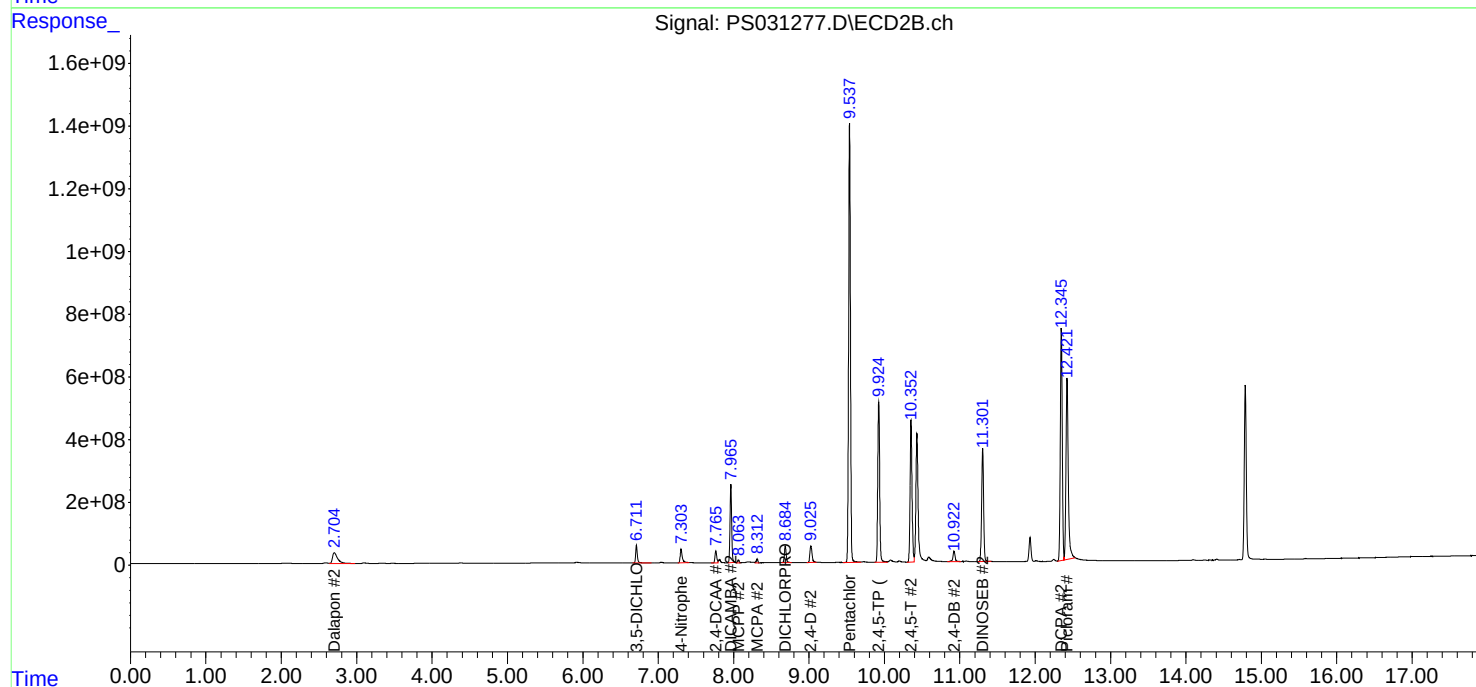
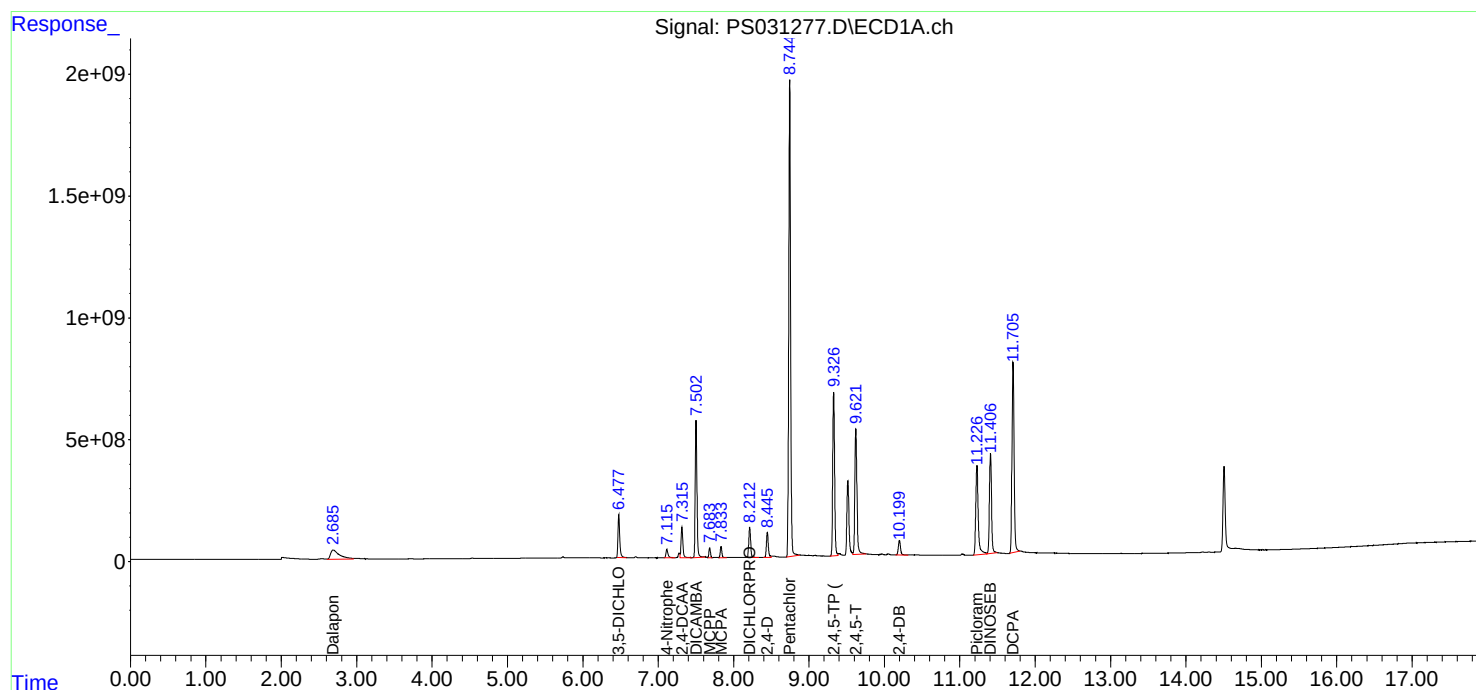
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
Data File : PS031277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 17:18
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
HSTDICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 17:35:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 17:34:36 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\PS072925\
 Data File : PS031278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 17:42
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC1000

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 07/30/2025

Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 18:33:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:33:29 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	7.315	7.764	2871.4E6	820.7E6	976.793	975.983
Target Compounds							
1) T	Dalapon	2.689	2.703	4309.1E6	2208.8E6	888.905	893.428
2) T	3,5-DICHL...	6.477	6.711	3892.4E6	1185.2E6	910.365	910.687
3) T	4-Nitroph...	7.114	7.301	945.7E6	1196.9E6	934.559	934.927
5) T	DICAMBA	7.502	7.964	12163.5E6	5140.8E6	938.734	951.834
6) T	MCPD	7.684	8.063	823.6E6	177.0E6	106.274	106.245m
7) T	MCPA	7.835	8.313	965.9E6	254.5E6	101.577	99.709
8) T	DICHLORPROP	8.212	8.684	2772.3E6	1187.2E6	900.895	903.247
9) T	2,4-D	8.445	9.023	2472.2E6	1298.1E6	956.774	925.645
10) T	Pentachlo...	8.746	9.537	43280.1E6	32447.1E6	904.476	950.066
11) T	2,4,5-TP ...	9.326	9.923	16047.7E6	11999.5E6	961.178	937.566
12) T	2,4,5-T	9.621	10.351	13235.5E6	11142.3E6	1006.546	952.412
13) T	2,4-DB	10.199	10.921	1764.9E6	929.1E6	1036.187	964.182
14) T	DINOSEB	11.406	11.301	10986.1E6	8765.9E6	958.868	935.207
15) T	Picloram	11.225	12.420	11830.2E6	17241.2E6	1033.456	1033.863
16) T	DCPA	11.705	12.344	20376.3E6	17998.5E6	982.676	960.682

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
Data File : PS031278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 17:42
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC1000

Manual Integrations

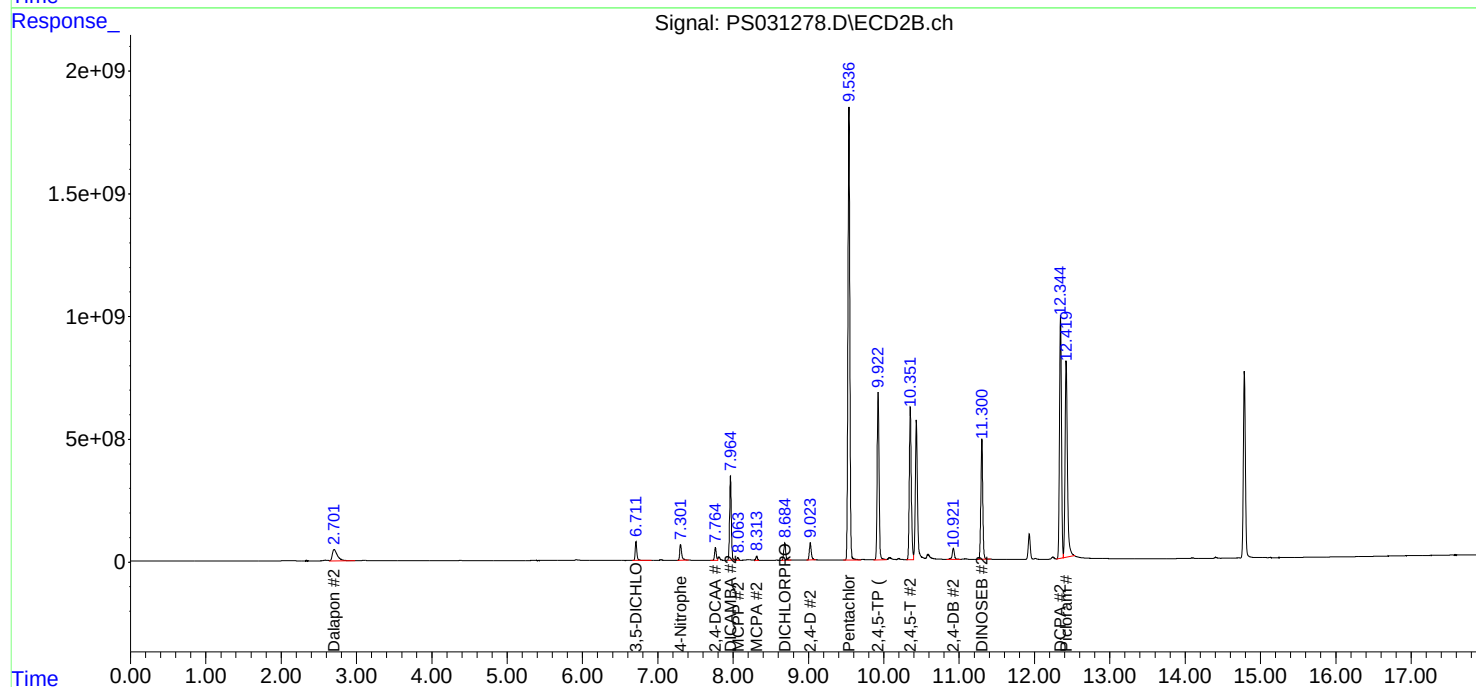
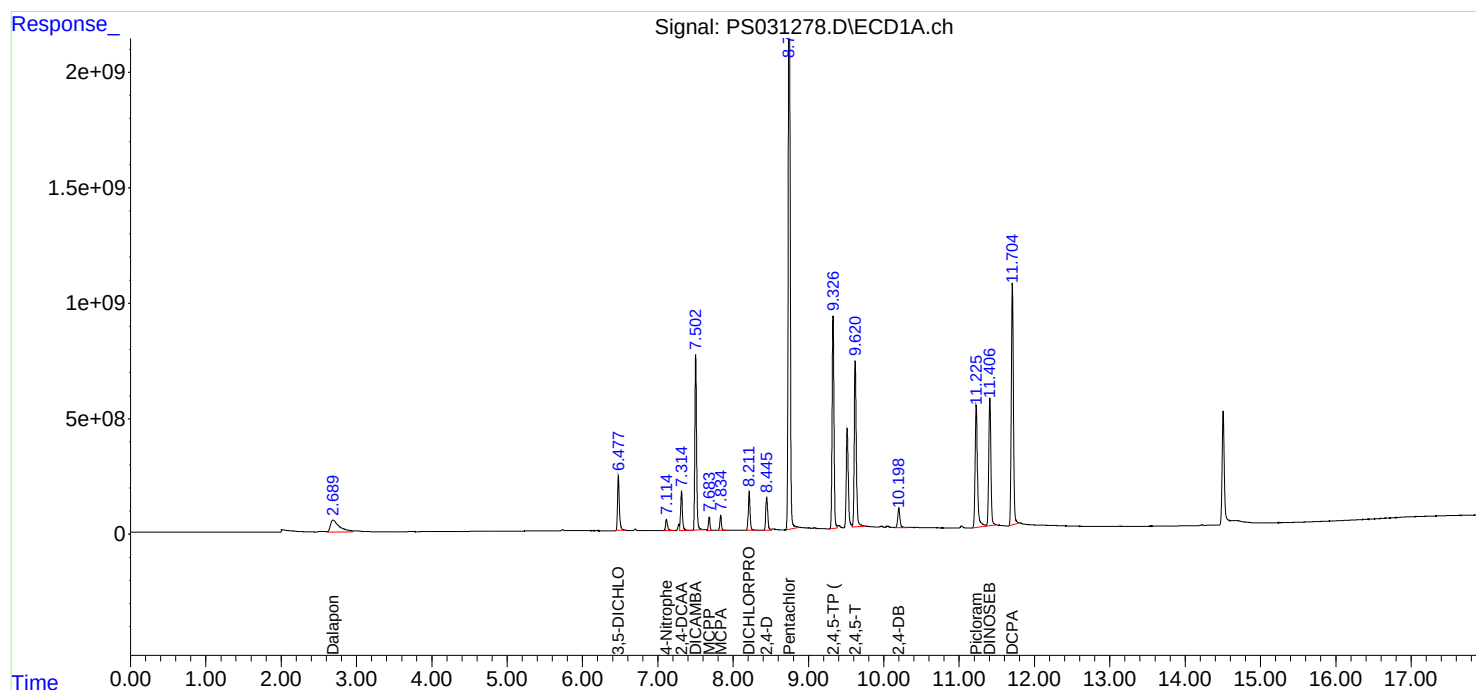
APPROVED

Reviewed By :Abdul Mirza 07/30/2025

Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 18:33:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:33:29 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\PS072925\
 Data File : PS031279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 18:07
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 18:36:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:36:31 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	7.315	7.764	4213.1E6	1217.9E6	1446.107	1458.374
Target Compounds							
1) T	Dalapon	2.687	2.703	6459.5E6	3264.6E6	1338.889	1329.127
2) T	3,5-DICHL...	6.477	6.711	5875.6E6	1751.8E6	1377.922m	1355.583
3) T	4-Nitroph...	7.114	7.300	1424.0E6	1820.8E6	1398.569	1410.456
5) T	DICAMBA	7.503	7.965	18010.7E6	7755.4E6	1393.955	1430.657
6) T	MCP	7.687	8.067	1299.4E6	265.5E6	161.563	154.852m
7) T	MCPA	7.837	8.318	1512.5E6	385.2E6	154.717	148.503
8) T	DICHLORPROP	8.213	8.685	4076.4E6	1752.2E6	1340.926	1347.768
9) T	2,4-D	8.445	9.023	3709.9E6	1929.0E6	1430.550	1382.238
10) T	Pentachlo...	8.754	9.537	51285.3E6	43992.6E6	1127.676	1313.353
11) T	2,4,5-TP ...	9.326	9.924	23545.0E6	17555.3E6	1413.157	1382.005
12) T	2,4,5-T	9.621	10.352	19815.8E6	16426.4E6	1489.826	1408.216
13) T	2,4-DB	10.198	10.921	2740.7E6	1389.2E6	1568.589	1438.353
14) T	DINOSEB	11.406	11.302	16198.2E6	12981.7E6	1413.015	1389.912
15) T	Picloram	11.225	12.419	18182.2E6	26745.6E6	1552.752	1564.536
16) T	DCPA	11.706	12.345	29863.9E6	26378.3E6	1440.185	1414.251

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
Data File : PS031279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 18:07
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

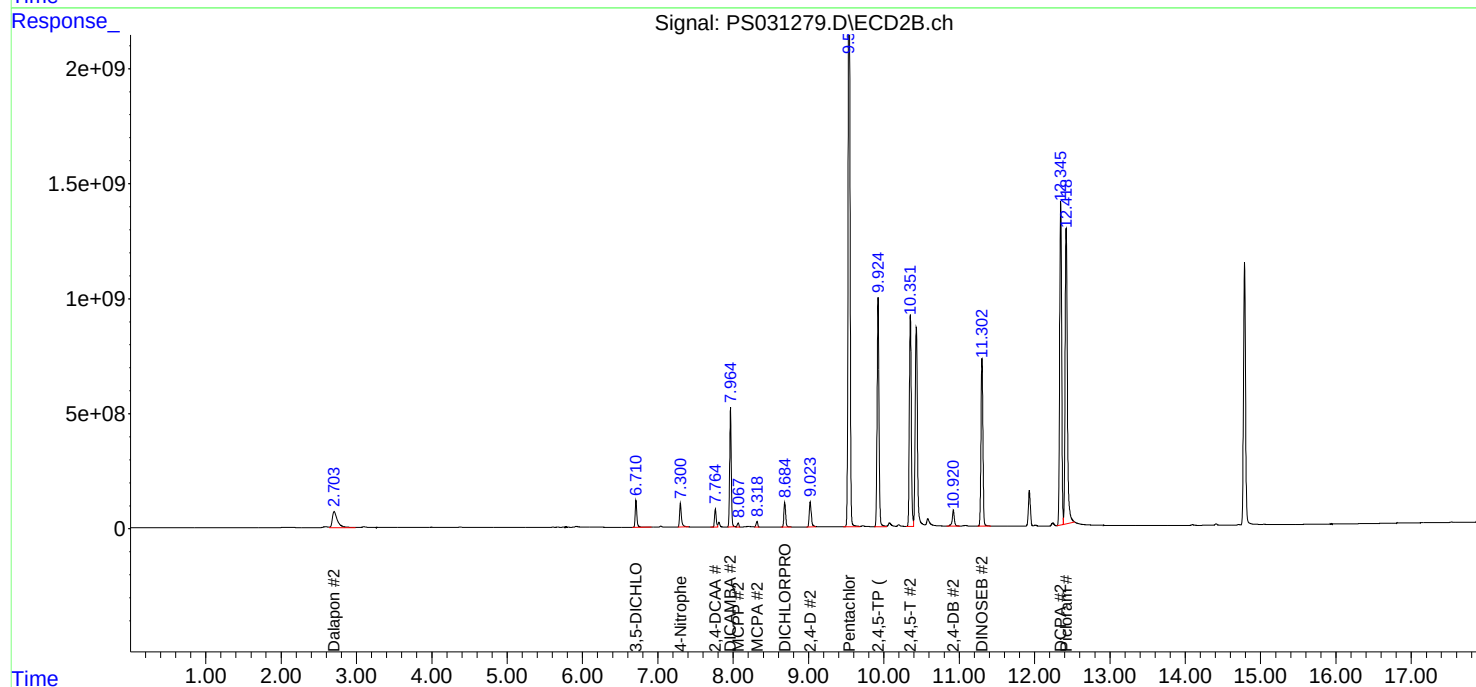
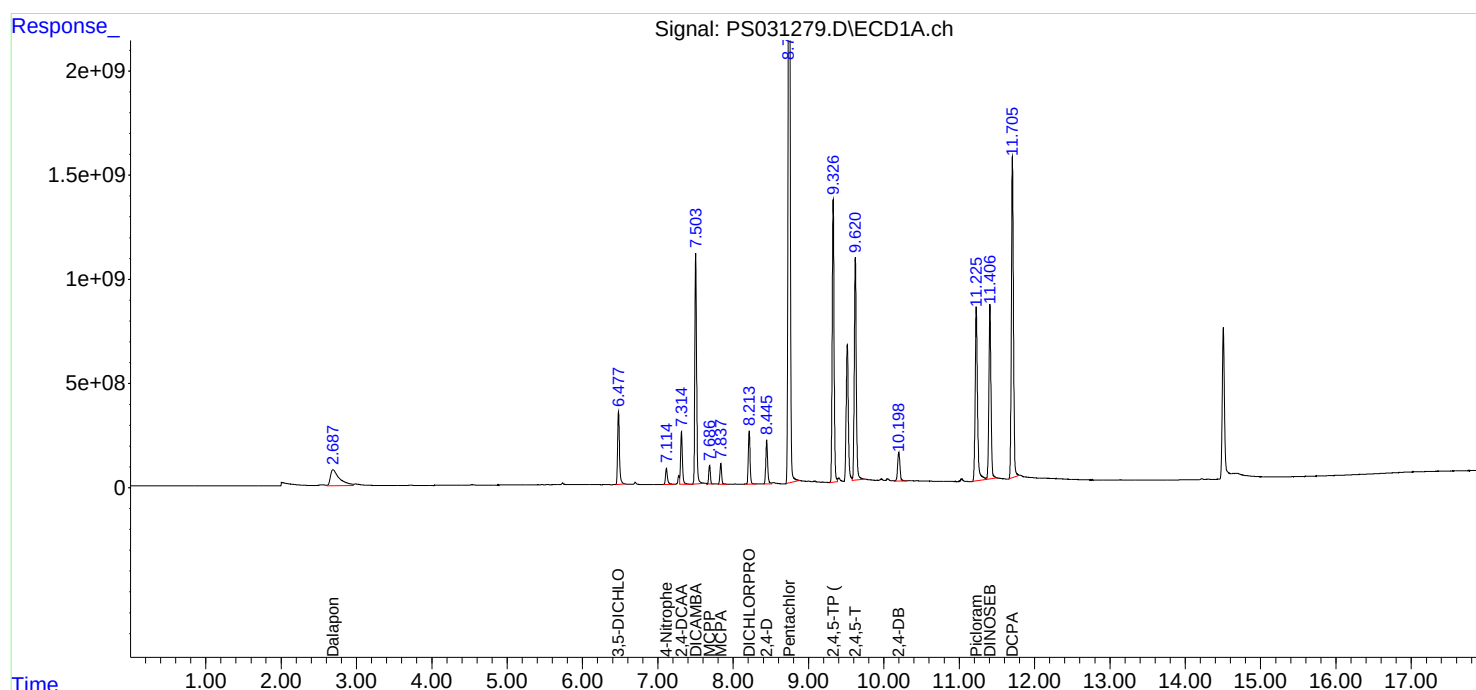
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 18:36:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:36:31 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\PS072925\
 Data File : PS031280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 18:31
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS072925

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 18:50:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.315	7.765	2243.9E6	643.4E6	770.185	770.495
Target Compounds							
1) T	Dalapon	2.687	2.704	3392.0E6	1745.4E6	703.064	710.609
2) T	3,5-DICHL...	6.478	6.712	3054.9E6	932.9E6	716.626	721.942
3) T	4-Nitroph...	7.115	7.303	703.7E6	913.8E6	691.074	707.854
5) T	DICAMBA	7.502	7.964	9430.0E6	3984.4E6	729.846	735.011
6) T	MCPD	7.683	8.062	612.0E6	129.1E6	76.089	75.545
7) T	MCPA	7.833	8.312	717.3E6	197.1E6	73.373	75.979
8) T	DICHLORPROP	8.212	8.684	2150.6E6	932.4E6	707.439	717.176
9) T	2,4-D	8.446	9.024	1853.3E6	1017.3E6	714.640	728.951
10) T	Pentachlo...	8.744	9.537	35802.8E6	25442.6E6	787.242	759.561
11) T	2,4,5-TP ...	9.327	9.923	12346.8E6	9437.2E6	741.047	742.920
12) T	2,4,5-T	9.621	10.352	9811.5E6	8675.9E6	737.669	743.778
13) T	2,4-DB	10.199	10.922	1273.5E6	719.7E6	728.832	745.165
14) T	DINOSEB	11.405	11.302	8263.3E6	6770.1E6	720.834	724.854
15) T	Picloram	11.226	12.421	8499.1E6	12798.4E6	725.821	748.664
16) T	DCPA	11.704	12.345	15610.9E6	14126.5E6	752.837	757.380

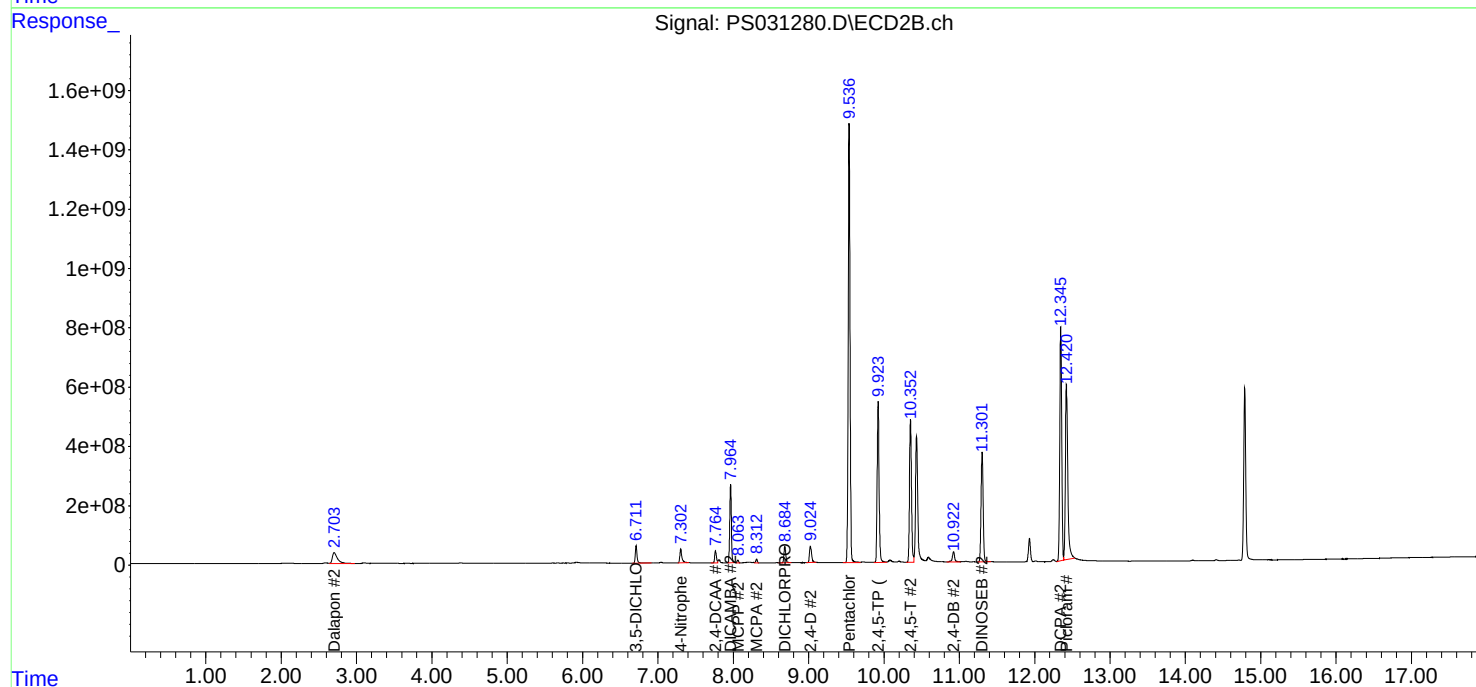
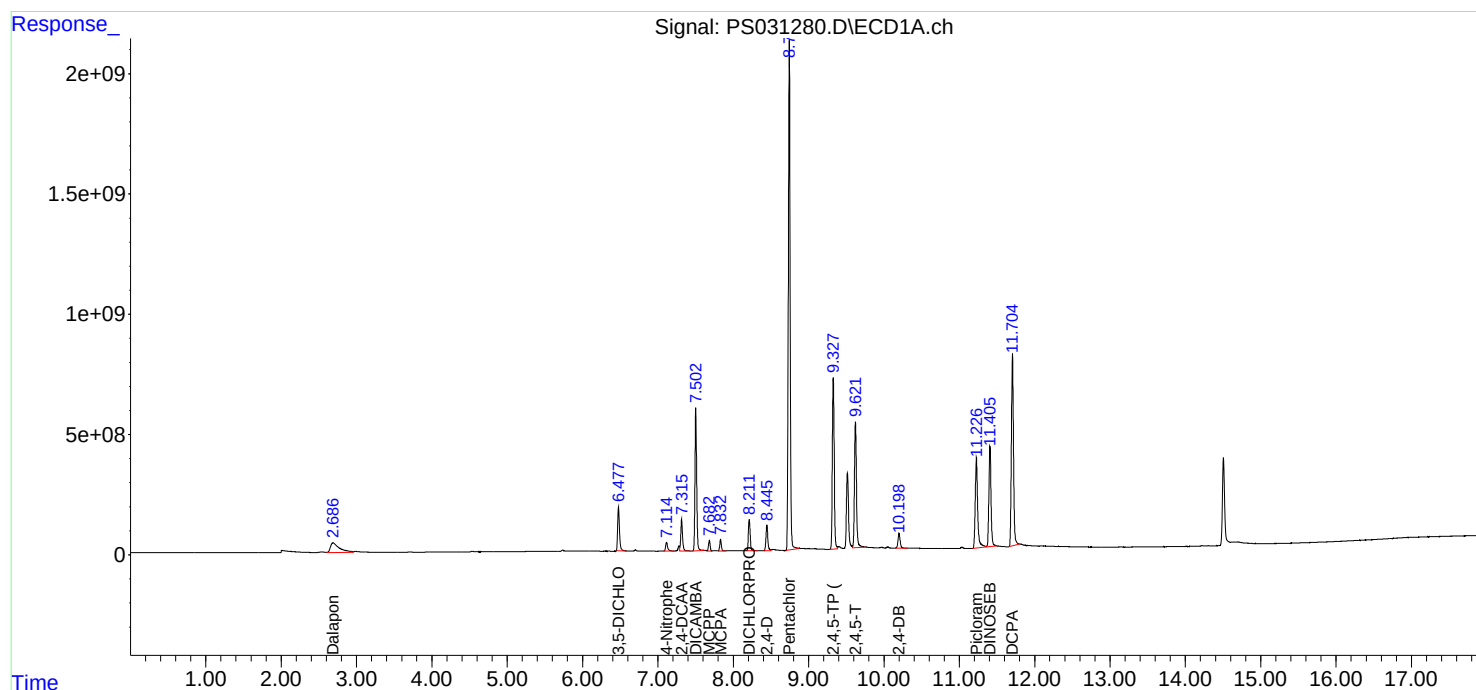
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
Data File : PS031280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 18:31
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
ICVPS072925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 18:50:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/24/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 18:39

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/24/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 18:39

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ENVI60
Lab Code: ACE SDG NO.: Q2646
GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 07/21/2025 07/21/2025

Client Sample No.: CCAL01 Date Analyzed: 07/24/2025
Lab Sample No.: HSTDCCC750 Data File : PS031233.D Time Analyzed: 18:39

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.335	9.242	9.442	689.480	712.500	-3.2
2,4-D	8.451	8.356	8.556	729.310	705.000	3.4
2,4-DCAA	7.319	7.225	7.425	666.340	750.000	-11.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031233.D **Time Analyzed:** 18:39

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.926	9.829	10.029	671.800	712.500	-5.7
2,4-D	9.021	8.924	9.124	696.610	705.000	-1.2
2,4-DCAA	7.764	7.666	7.866	693.770	750.000	-7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031233.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 18:39
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 02:14:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.319	7.764	2897.4E6	704.2E6	666.345	693.771
Target Compounds							
1) T	Dalapon	2.687	2.704	3646.8E6	1685.9E6	581.355	594.302
2) T	3,5-DICHL...	6.482	6.711	3487.2E6	965.5E6	631.428	626.964
3) T	4-Nitroph...	7.119	7.298	1161.6E6	1119.3E6	704.548	618.645
5) T	DICAMBA	7.509	7.966	9918.8E6	4200.1E6	601.248	650.842
6) T	MCPD	7.690	8.065	639.6E6	128.0E6	63.900	61.597
7) T	MCPA	7.840	8.313	831.6E6	199.2E6	66.456	63.134
8) T	DICHLORPROP	8.219	8.685	2628.7E6	1015.3E6	687.792	670.244
9) T	2,4-D	8.451	9.021	2723.9E6	1183.1E6	729.306	696.612
10) T	Pentachlo...	8.755	9.545	41625.2E6	26526.7E6	762.065m	678.760
11) T	2,4,5-TP ...	9.335	9.926	15136.6E6	10005.9E6	689.481	671.801
12) T	2,4,5-T	9.629	10.352	14005.9E6	9234.0E6	717.231	649.390
13) T	2,4-DB	10.207	10.920	2059.8E6	764.1E6	688.914	652.753
14) T	DINOSEB	11.419	11.305	10002.0E6	6972.8E6	642.408m	616.949
15) T	Picloram	11.229	12.415	16290.4E6	17205.5E6	814.254m	691.121
16) T	DCPA	11.716	12.348	19417.2E6	15457.3E6	676.712	671.006m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031233.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 18:39
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

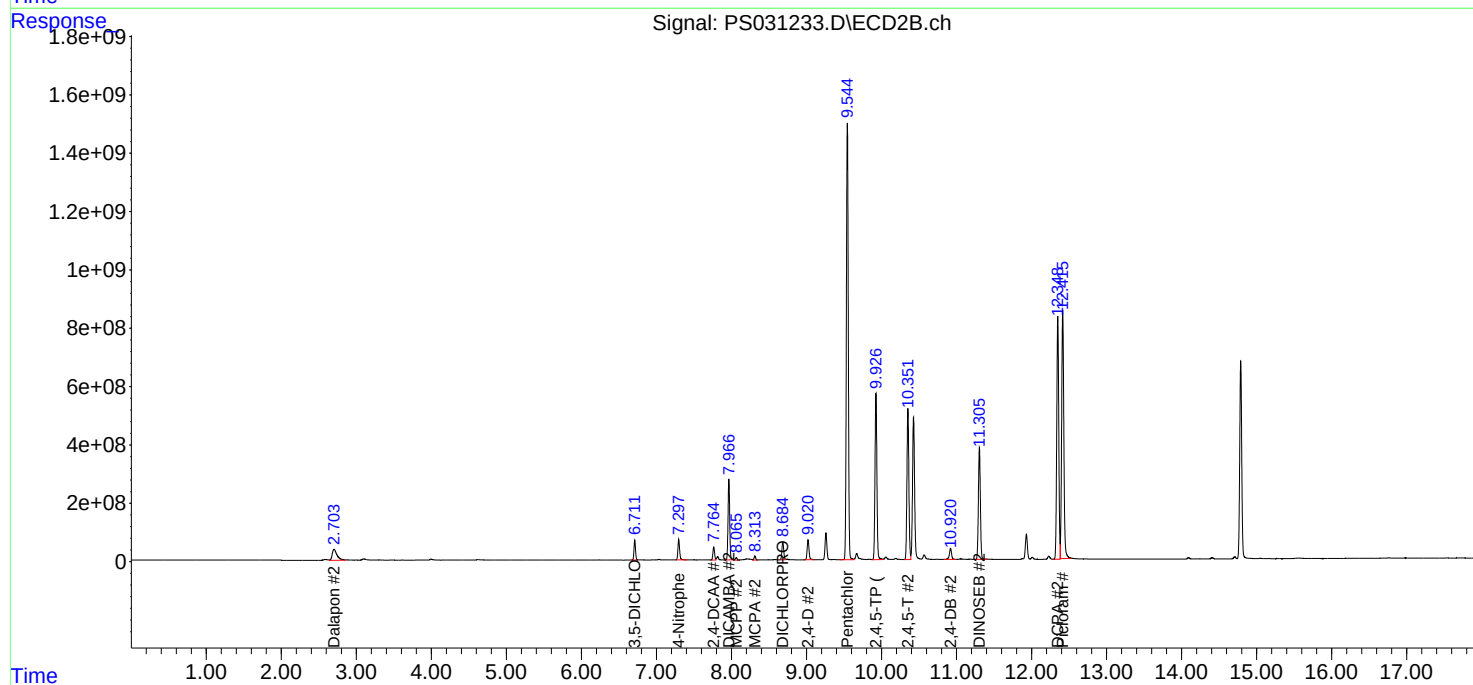
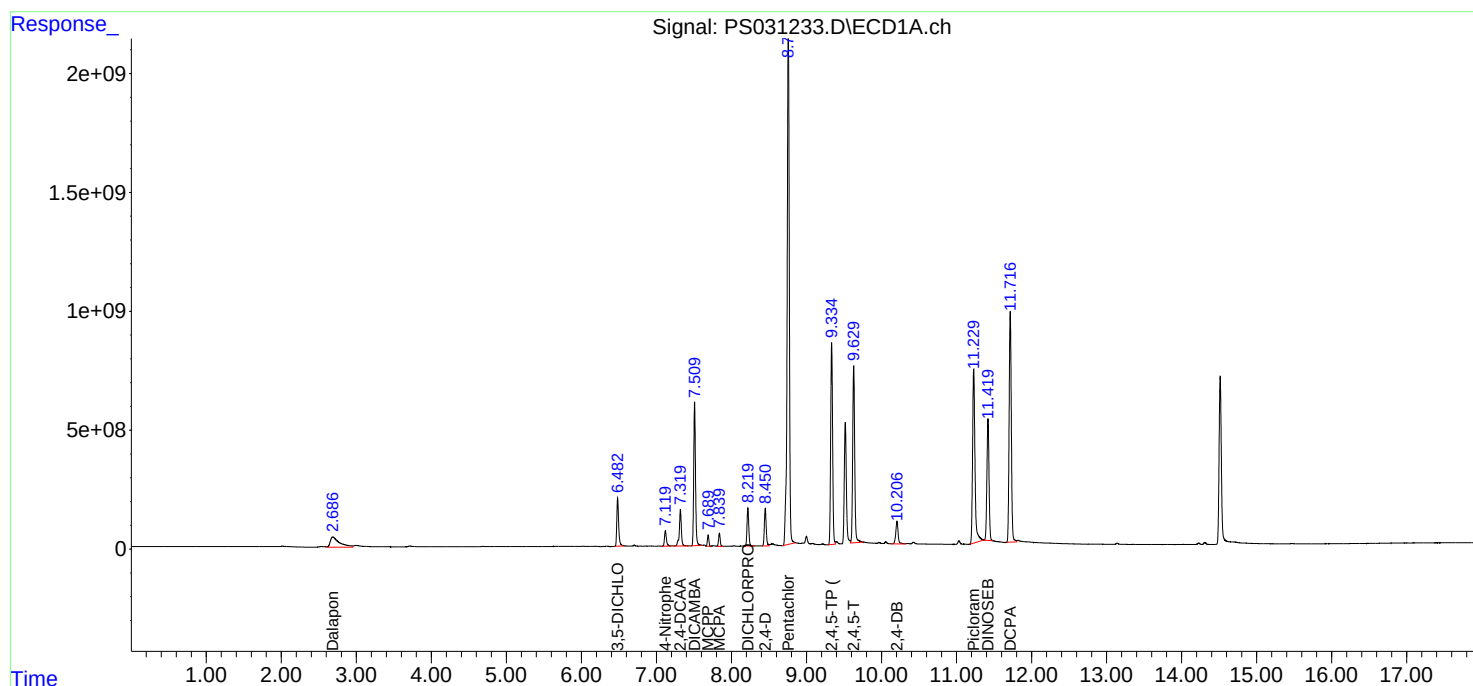
APPROVED

Reviewed By :Yogesh Patel 07/25/2025

Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 02:14:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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**Lab Name:** Alliance**Contract:** ENVI60**Lab Code:** ACE**SDG NO.:** Q2646**Continuing Calib Date:** 07/24/2025**Initial Calibration Date(s):** 07/21/2025 07/21/2025**Continuing Calib Time:** 23:29**Initial Calibration Time(s):** 15:02 16:39**GC Column:** RTX-CLP **ID:** 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
2,4-DCAA	7.32	7.33	7.23	7.43	0.01
2,4-D	8.45	8.46	8.36	8.56	0.01
2,4,5-TP(Silvex)	9.34	9.34	9.24	9.44	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/24/2025

Initial Calibration Date(s): 07/21/2025 07/21/2025

Continuing Calib Time: 23:29

Initial Calibration Time(s): 15:02 16:39

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.02	8.92	9.12	0.00
2,4,5-TP(Silvex)	9.93	9.93	9.83	10.03	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031243.D **Time Analyzed:** 23:29

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.335	9.242	9.442	685.930	712.500	-3.7
2,4-D	8.451	8.356	8.556	727.900	705.000	3.2
2,4-DCAA	7.320	7.225	7.425	669.120	750.000	-10.8



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/21/2025 07/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/24/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031243.D **Time Analyzed:** 23:29

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.926	9.829	10.029	666.400	712.500	-6.5
2,4-D	9.022	8.924	9.124	695.080	705.000	-1.4
2,4-DCAA	7.764	7.666	7.866	688.880	750.000	-8.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
 Data File : PS031243.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 23:29
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2025

Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:48:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	2909.5E6	699.2E6	669.117	688.879
Target Compounds							
1) T	Dalapon	2.686	2.705	3590.9E6	1712.8E6	572.445	603.780
2) T	3,5-DICHL...	6.483	6.712	3507.8E6	958.1E6	635.156	622.190
3) T	4-Nitroph...	7.119	7.298	1152.9E6	1104.9E6	699.230	610.691
5) T	DICAMBA	7.508	7.966	9955.8E6	4165.2E6	603.490	645.427
6) T	MCPD	7.689	8.065	642.7E6	129.5E6	64.202	62.324
7) T	MCPA	7.840	8.313	830.7E6	199.6E6	66.382	63.271
8) T	DICHLORPROP	8.219	8.686	2628.5E6	1023.6E6	687.728	675.681
9) T	2,4-D	8.451	9.022	2718.6E6	1180.5E6	727.898	695.083
10) T	Pentachlo...	8.754	9.545	41806.4E6	26487.2E6	765.384m	677.748
11) T	2,4,5-TP ...	9.335	9.926	15058.6E6	9925.5E6	685.931	666.399
12) T	2,4,5-T	9.628	10.353	13914.5E6	9159.7E6	712.549	644.166
13) T	2,4-DB	10.205	10.920	2019.5E6	768.8E6	675.453	656.812
14) T	DINOSEB	11.418	11.305	9801.3E6	6793.7E6	629.520m	601.099
15) T	Picloram	11.228	12.415	15650.3E6	16761.7E6	782.260m	673.296
16) T	DCPA	11.716	12.348	19471.9E6	15465.9E6	678.618	671.379m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031243.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 23:29
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

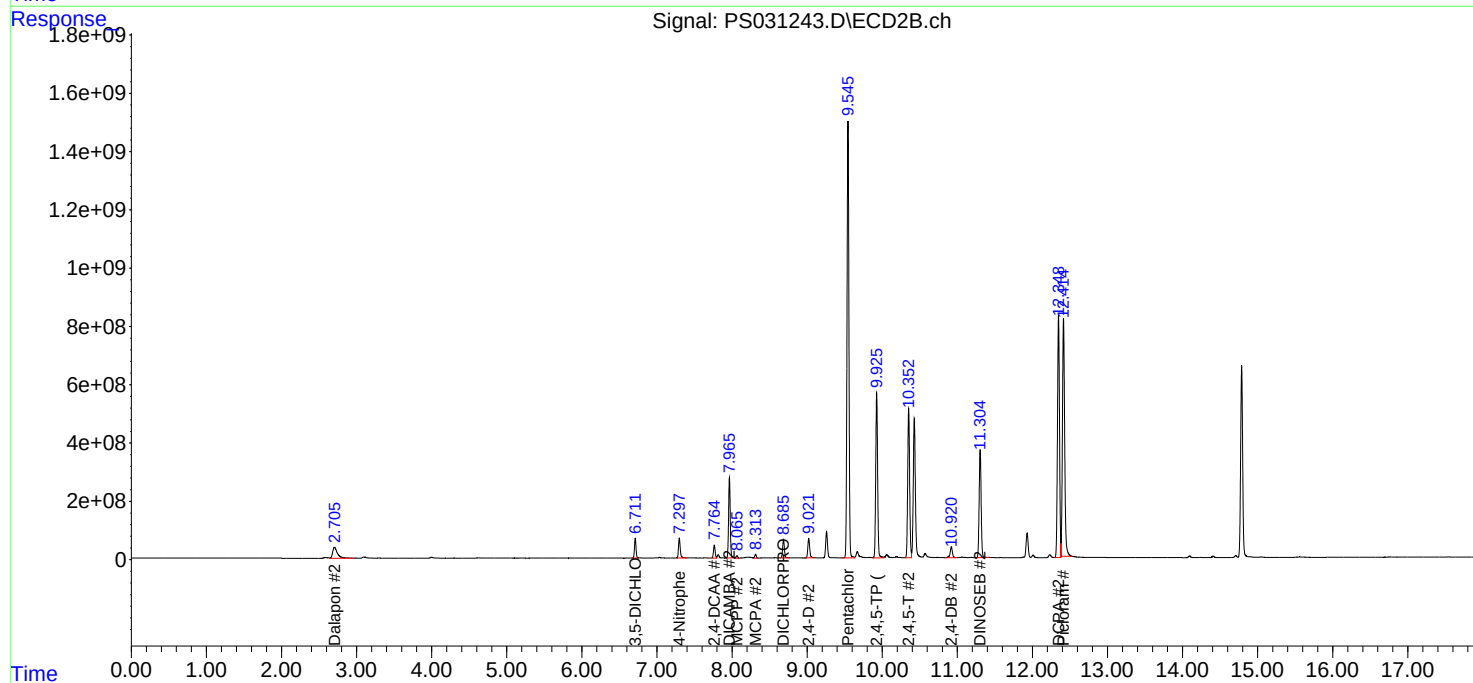
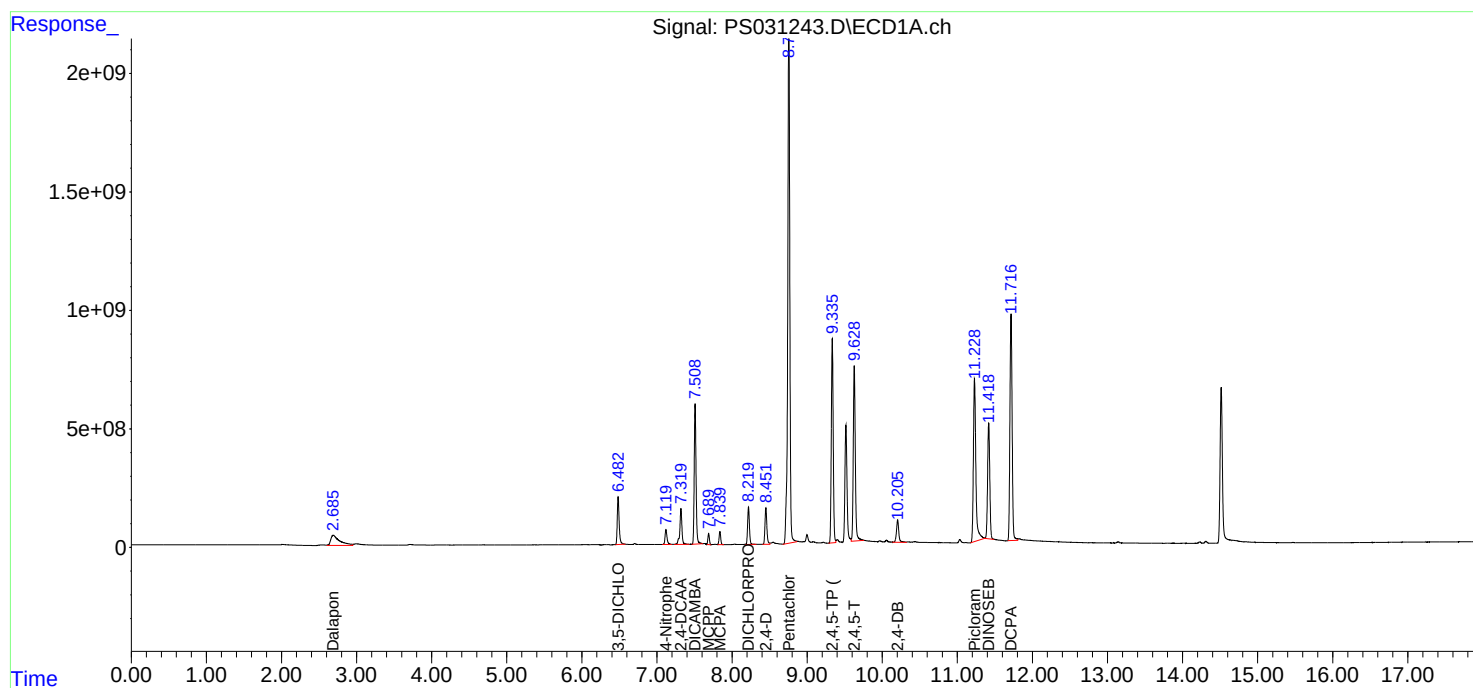
APPROVED

Reviewed By :Yogesh Patel 07/25/2025

Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:48:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/31/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 12:00

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.31	7.32	7.22	7.42	0.01
2,4-D	8.44	8.45	8.35	8.55	0.01
2,4,5-TP(Silvex)	9.32	9.33	9.23	9.43	0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/31/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 12:00

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.02	9.03	8.93	9.13	0.01
2,4,5-TP(Silvex)	9.92	9.92	9.82	10.02	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/31/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031336.D **Time Analyzed:** 12:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.315	9.227	9.427	745.440	712.500	4.6
2,4-D	8.436	8.346	8.546	738.480	705.000	4.7
2,4-DCAA	7.306	7.215	7.415	766.150	750.000	2.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/31/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031336.D **Time Analyzed:** 12:00

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.916	9.824	10.024	692.060	712.500	-2.9
2,4-D	9.018	8.925	9.125	670.620	705.000	-4.9
2,4-DCAA	7.760	7.666	7.866	708.740	750.000	-5.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
 Data File : PS031336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 12:00
 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: Jul 31 14:33:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.306	7.760	2232.1E6	591.9E6	766.155	708.744
Target Compounds							
1) T	Dalapon	2.685	2.702	3226.6E6	1564.0E6	668.788	636.763
2) T	3,5-DICHL...	6.470	6.708	3109.1E6	872.6E6	729.339m	675.244
3) T	4-Nitroph...	7.108	7.300	723.5E6	785.9E6	710.559	608.793
5) T	DICAMBA	7.494	7.958	8980.6E6	3706.9E6	695.060	683.818m
6) T	MCPD	7.673	8.056	593.1E6	124.9E6	73.742m	73.085m
7) T	MCPA	7.823	8.305	718.3E6	186.0E6	73.481	71.707
8) T	DICHLORPROP	8.203	8.679	2111.0E6	863.5E6	694.405	664.181
9) T	2,4-D	8.436	9.018	1915.1E6	935.9E6	738.482	670.624
10) T	Pentachlo...	8.735	9.531	34802.0E6	24018.6E6	765.237	717.050
11) T	2,4,5-TP ...	9.315	9.916	12420.0E6	8791.1E6	745.441	692.061
12) T	2,4,5-T	9.611	10.344	10373.7E6	8084.8E6	779.931	693.099
13) T	2,4-DB	10.186	10.913	1382.2E6	648.4E6	791.098	671.313
14) T	DINOSEB	11.393	11.293	7844.0E6	5727.1E6	684.254	613.188
15) T	Picloram	11.212	12.411	9020.3E6	11757.3E6	770.328m	687.763
16) T	DCPA	11.691	12.335	16385.5E6	13474.7E6	790.192m	722.437m

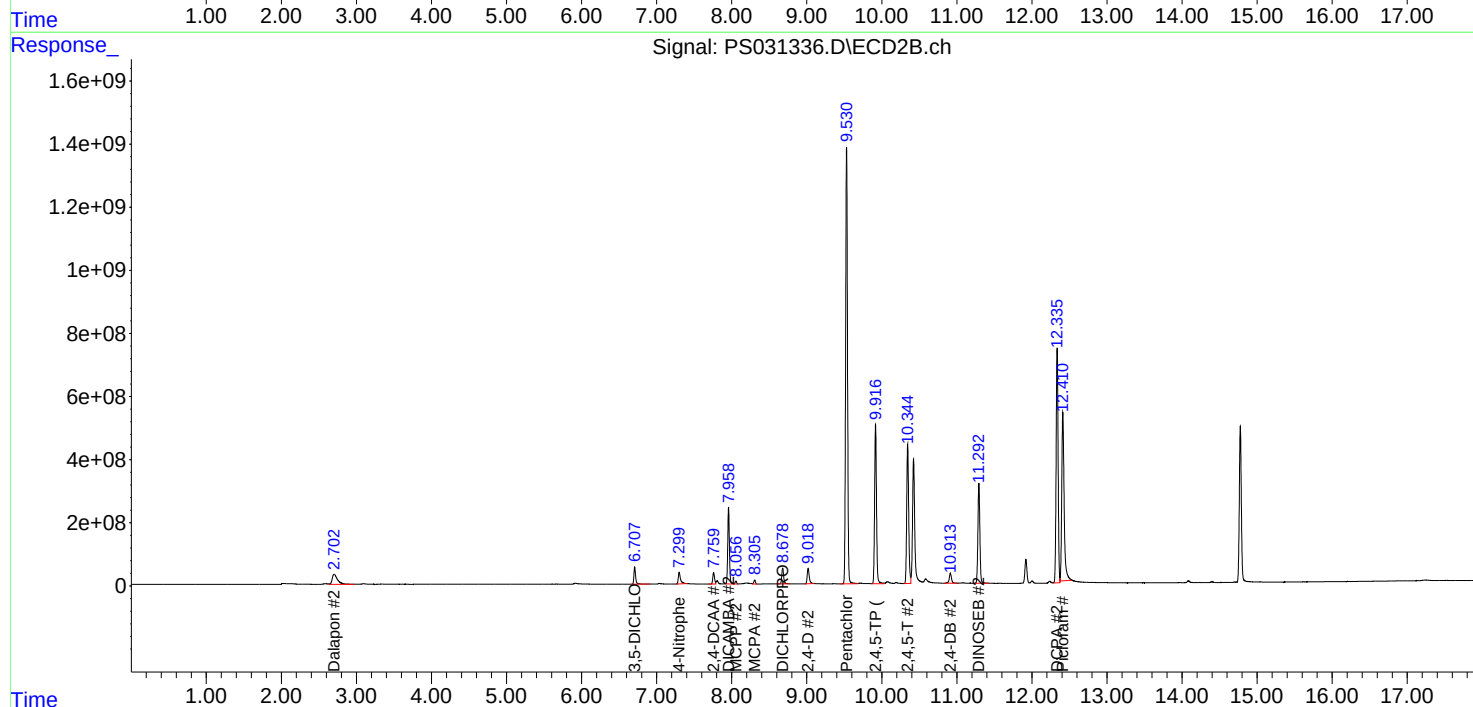
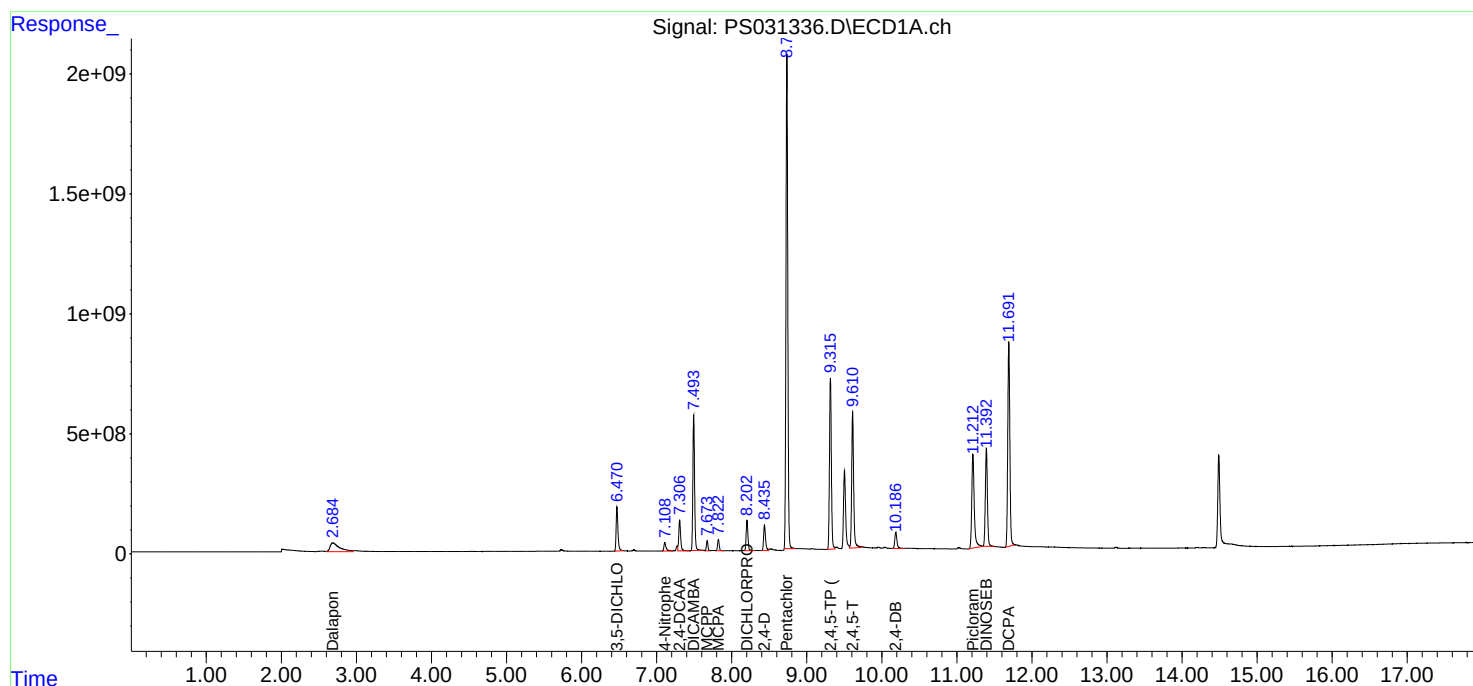
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
Data File : PS031336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 12:00
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: Jul 31 14:33:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/31/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 15:43

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.31	7.32	7.22	7.42	0.02
2,4-D	8.43	8.45	8.35	8.55	0.02
2,4,5-TP(Silvex)	9.31	9.33	9.23	9.43	0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Continuing Calib Date: 07/31/2025

Initial Calibration Date(s): 07/29/2025 07/29/2025

Continuing Calib Time: 15:43

Initial Calibration Time(s): 16:30 18:07

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
2,4-DCAA	7.76	7.77	7.67	7.87	0.01
2,4-D	9.01	9.03	8.93	9.13	0.02
2,4,5-TP(Silvex)	9.91	9.92	9.82	10.02	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ENVI60
Lab Code: ACE **SDG NO.:** Q2646
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/29/2025 07/29/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/31/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031339.D **Time Analyzed:** 15:43

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-TP(Silvex)	9.314	9.227	9.427	793.360	712.500	11.3
2,4-D	8.433	8.346	8.546	815.510	705.000	15.7
2,4-DCAA	7.305	7.215	7.415	810.300	750.000	8.0



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ENVI60

Lab Code: ACE SDG NO.: Q2646

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 07/29/2025 07/29/2025

Client Sample No.: CCAL04 Date Analyzed: 07/31/2025

Lab Sample No.: HSTDCCC750 Data File : PS031339.D Time Analyzed: 15:43

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-TP(Silvex)	9.914	9.824	10.024	708.190	712.500	-0.6
2,4-D	9.014	8.925	9.125	717.030	705.000	1.7
2,4-DCAA	7.756	7.666	7.866	757.070	750.000	0.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
 Data File : PS031339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2025 15:43
 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: Aug 01 01:28:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.305	7.756	2360.7E6	632.2E6	810.297	757.073
Target Compounds							
1) T	Dalapon	2.683	2.700	3348.1E6	1633.0E6	693.962	664.851
2) T	3,5-DICHL...	6.469	6.705	3262.5E6	901.6E6	765.320m	697.697
3) T	4-Nitroph...	7.104	7.293	936.0E6	909.0E6	919.292	704.158
5) T	DICAMBA	7.492	7.956	9413.8E6	3830.3E6	728.590m	706.589m
6) T	MCPD	7.673	8.055	652.4E6	132.9E6	81.117m	77.728m
7) T	MCPA	7.823	8.304	788.8E6	188.4E6	80.691	72.643
8) T	DICHLORPROP	8.201	8.675	2227.7E6	889.3E6	732.805	684.024
9) T	2,4-D	8.433	9.014	2114.9E6	1000.6E6	815.513m	717.030
10) T	Pentachlo...	8.734	9.529	35761.8E6	24434.1E6	786.342	729.456
11) T	2,4,5-TP ...	9.314	9.914	13218.4E6	8996.0E6	793.359	708.192
12) T	2,4,5-T	9.607	10.341	12186.9E6	8489.2E6	916.259	727.770
13) T	2,4-DB	10.184	10.910	1785.5E6	693.0E6	1021.904	717.549 #
14) T	DINOSEB	11.391	11.291	9033.2E6	6346.0E6	787.990	679.446
15) T	Picloram	11.209	12.406	12343.2E6	13917.6E6	1054.104m	814.135
16) T	DCPA	11.690	12.335	17309.6E6	13976.0E6	834.757m	749.313m

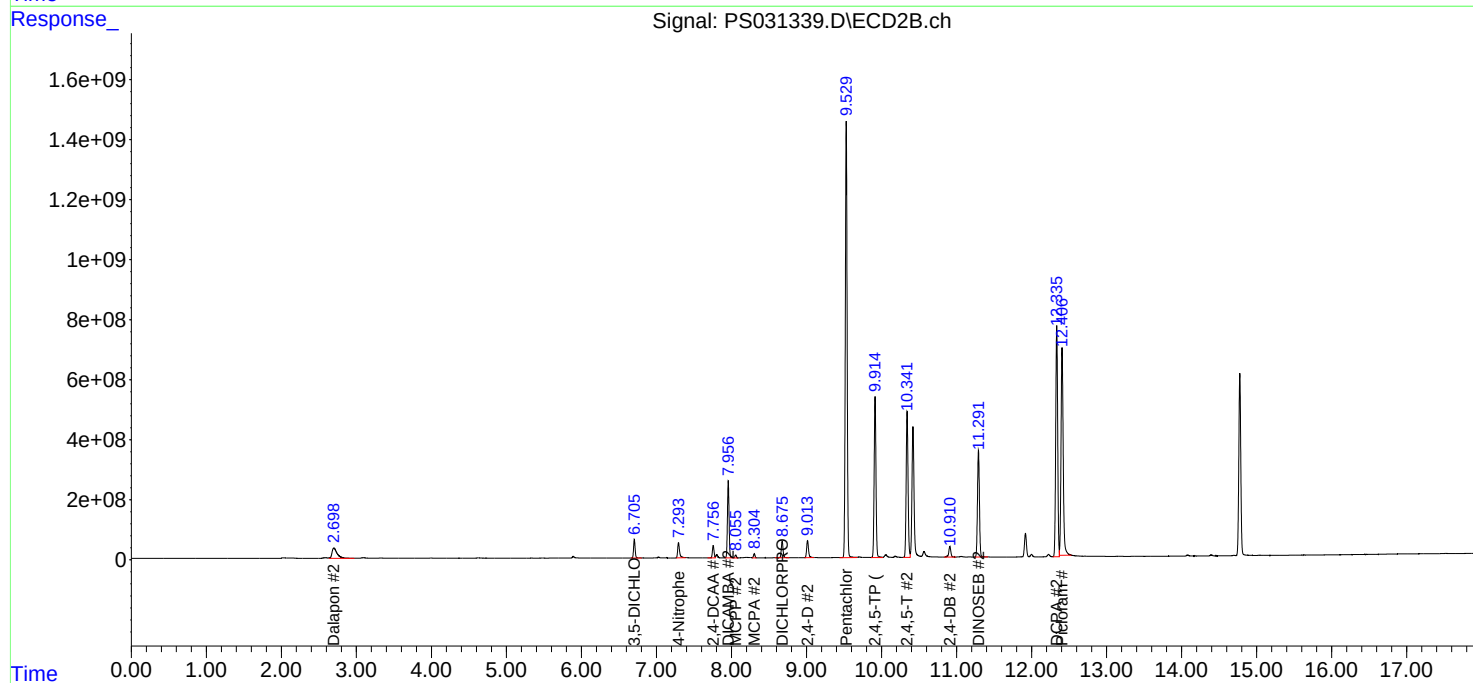
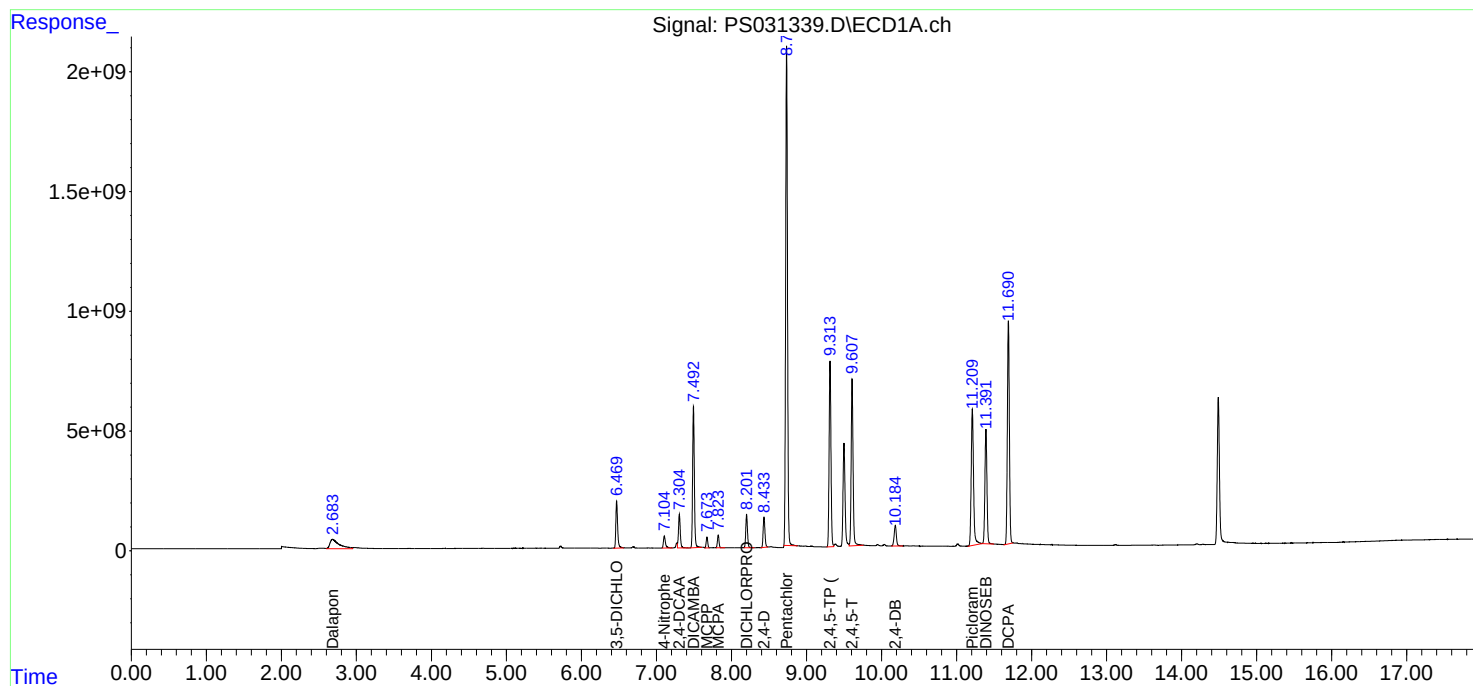
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
Data File : PS031339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:43
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: Aug 01 01:28:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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



Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2646
Project: North Arlington, NJ	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 07/21/2025 07/21/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	07/21/2025	14:38	PS031156.D	7.33	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.33	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.33	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.33	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.33	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.33	0.00
IBLK	IBLK	07/24/2025	17:27	PS031232.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	18:39	PS031233.D	7.32	0.00
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	19:04	PS031234.D	7.32	0.00
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	19:28	PS031235.D	7.32	0.00
PB169001BL	PB169001BL	07/24/2025	19:52	PS031236.D	7.32	0.00
PB169001BS	PB169001BS	07/24/2025	20:16	PS031237.D	7.32	0.00
PB168926TB	PB168926TB	07/24/2025	21:04	PS031239.D	7.32	0.00
IBLK	IBLK	07/24/2025	22:17	PS031242.D	7.32	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	23:29	PS031243.D	7.32	0.00
IBLK	IBLK	07/29/2025	16:06	PS031274.D	7.32	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.32	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.32	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.32	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.32	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.32	0.00
IBLK	IBLK	07/31/2025	11:36	PS031335.D	7.31	0.00
HSTDCCC750	HSTDCCC750	07/31/2025	12:00	PS031336.D	7.31	0.00
FRAC TANK	Q2646-03	07/31/2025	13:39	PS031337.D	7.31	0.00
IBLK	IBLK	07/31/2025	15:19	PS031338.D	7.30	0.00
HSTDCCC750	HSTDCCC750	07/31/2025	15:43	PS031339.D	7.31	0.00

Analytical Sequence

Client: Environmental Restoration, LLC	SDG No.: Q2646
Project: North Arlington, NJ	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/21/2025 07/21/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	07/21/2025	14:38	PS031156.D	7.77	0.00
HSTDICC200	HSTDICC200	07/21/2025	15:02	PS031157.D	7.77	0.00
HSTDICC500	HSTDICC500	07/21/2025	15:26	PS031158.D	7.77	0.00
HSTDICC750	HSTDICC750	07/21/2025	15:51	PS031159.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/21/2025	16:15	PS031160.D	7.77	0.00
HSTDICC1500	HSTDICC1500	07/21/2025	16:39	PS031161.D	7.77	0.00
IBLK	IBLK	07/24/2025	17:27	PS031232.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	18:39	PS031233.D	7.76	0.00
P001-CONCRETE001-01MS	Q2641-02MS	07/24/2025	19:04	PS031234.D	7.76	0.00
P001-CONCRETE001-01MSD	Q2641-02MSD	07/24/2025	19:28	PS031235.D	7.76	0.00
PB169001BL	PB169001BL	07/24/2025	19:52	PS031236.D	7.76	0.00
PB169001BS	PB169001BS	07/24/2025	20:16	PS031237.D	7.76	0.00
PB168926TB	PB168926TB	07/24/2025	21:04	PS031239.D	7.76	0.00
IBLK	IBLK	07/24/2025	22:17	PS031242.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/24/2025	23:29	PS031243.D	7.76	0.00
IBLK	IBLK	07/29/2025	16:06	PS031274.D	7.77	0.00
HSTDICC200	HSTDICC200	07/29/2025	16:30	PS031275.D	7.77	0.00
HSTDICC500	HSTDICC500	07/29/2025	16:54	PS031276.D	7.77	0.00
HSTDICC750	HSTDICC750	07/29/2025	17:18	PS031277.D	7.77	0.00
HSTDICC1000	HSTDICC1000	07/29/2025	17:42	PS031278.D	7.76	0.00
HSTDICC1500	HSTDICC1500	07/29/2025	18:07	PS031279.D	7.76	0.00
IBLK	IBLK	07/31/2025	11:36	PS031335.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/31/2025	12:00	PS031336.D	7.76	0.00
FRAC TANK	Q2646-03	07/31/2025	13:39	PS031337.D	7.75	0.00
IBLK	IBLK	07/31/2025	15:19	PS031338.D	7.76	0.00
HSTDCCC750	HSTDCCC750	07/31/2025	15:43	PS031339.D	7.76	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MS

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: Q2641-02MS

Date(s) Analyzed: 07/24/2025 07/24/2025

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	8.45	8.40	8.50	80.3	7.1
	2	9.02	8.97	9.07	86.2	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	77.7	1.3
	2	9.93	9.88	9.98	76.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

P001-CONCRETE001-01MSD

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: Q2641-02MSD

Date(s) Analyzed: 07/24/2025 07/24/2025

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	8.45	8.40	8.50	76.2	6
	2	9.02	8.97	9.07	80.9	
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	73.8	1.5
	2	9.93	9.88	9.98	72.7	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169001BS

Lab Name: Alliance

Contract: ENVI60

Lab Code: ACE

SDG NO.: Q2646

Lab Sample ID: PB169001BS

Date(s) Analyzed: 07/24/2025 07/24/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-TP(Silvex)	1	9.34	9.29	9.39	5.60	5.5
	2	9.93	9.88	9.98	5.30	
2,4-D	1	8.45	8.40	8.50	6.00	8.7
	2	9.02	8.97	9.07	5.50	



QC SAMPLE DATA

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB169001BL	SDG No.:	Q2646
Lab Sample ID:	PB169001BL	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
PS031236.D	1	07/23/25 11:45	07/24/25 19:52	PB169001

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	473		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\PS072425\
Data File : PS031236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:52
Operator : AR\AJ
Sample : PB169001BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169001BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	1769.9E6	479.9E6	407.037	472.801

Target Compounds

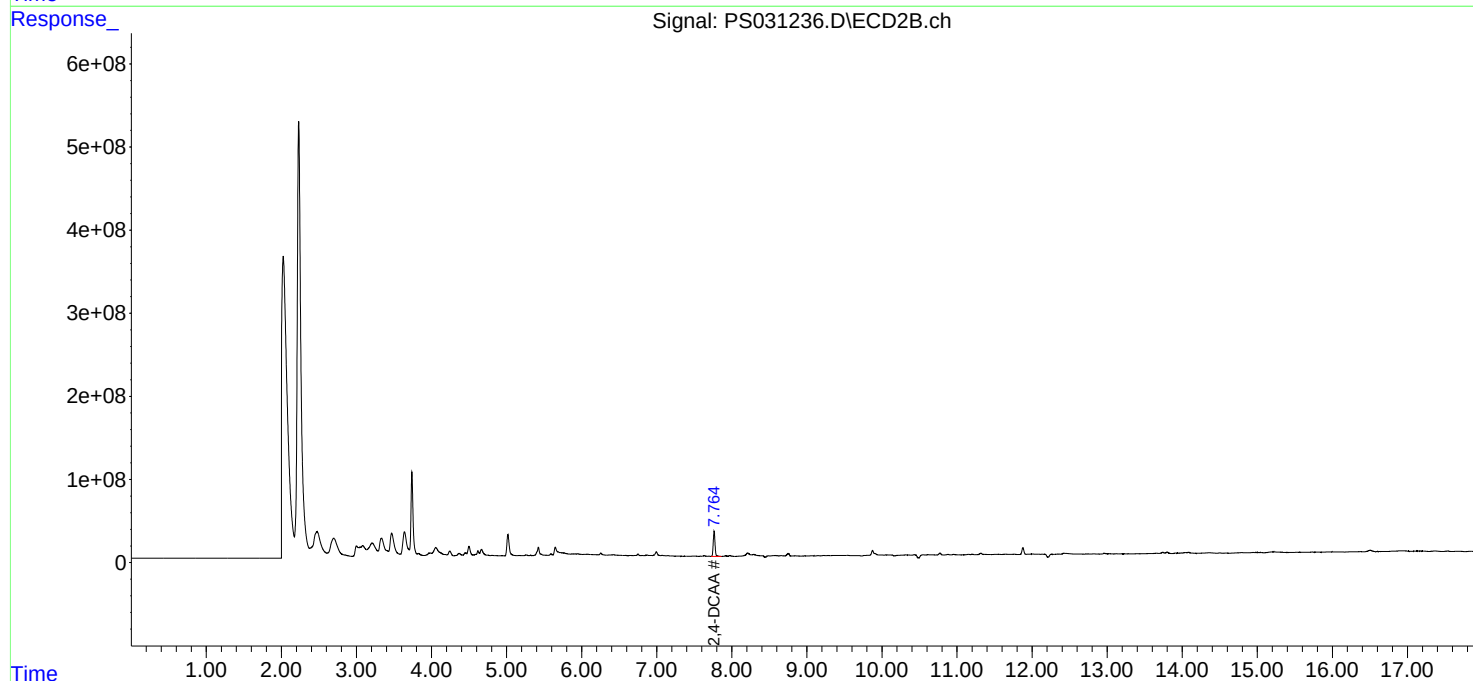
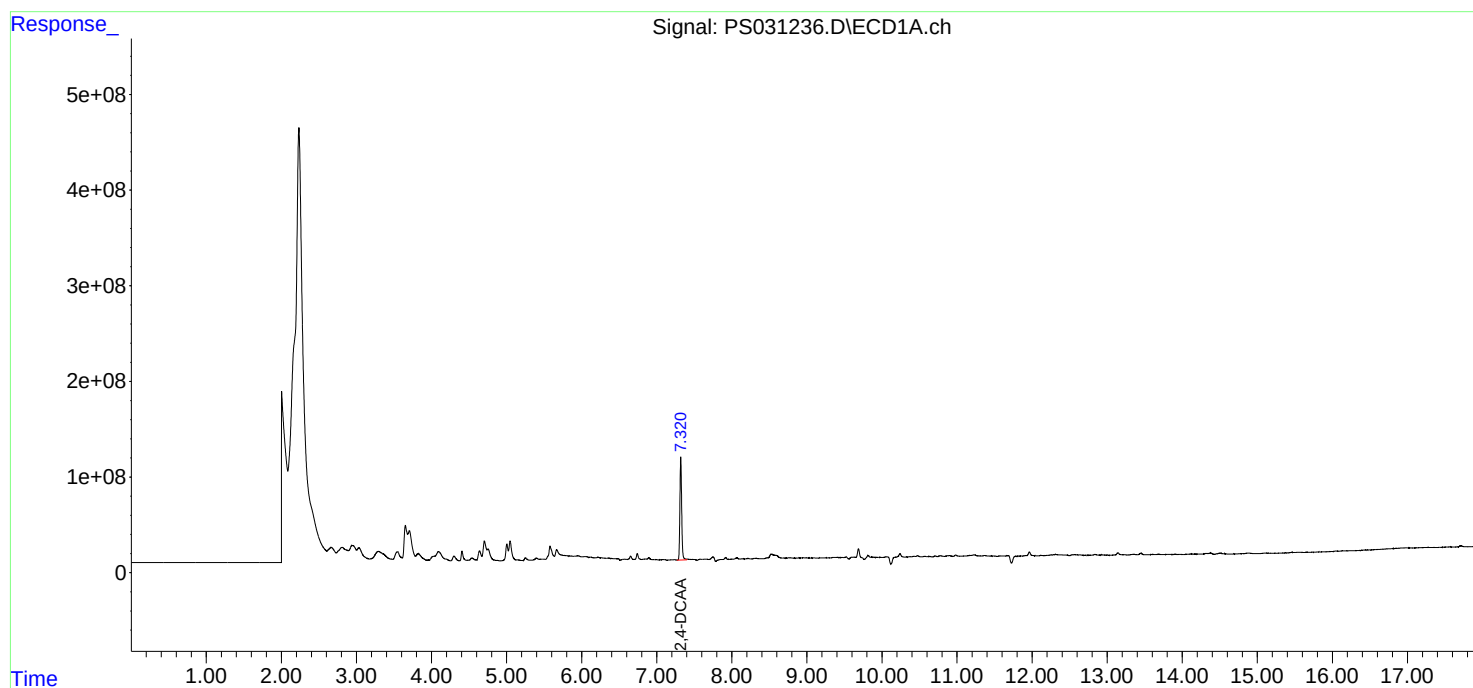
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

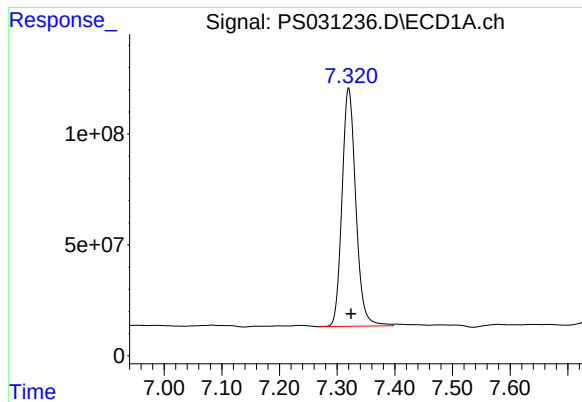
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:52
Operator : AR\AJ
Sample : PB169001BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB169001BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

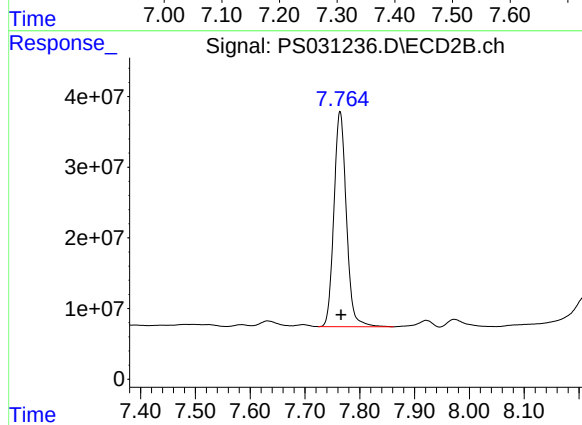




#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 1769898327
Conc: 407.04 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB169001BL



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 479878037
Conc: 472.80 ng/ml

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/21/25
Project:	North Arlington, NJ	Date Received:	07/21/25
Client Sample ID:	PIBLK-PS031156.D	SDG No.:	Q2646
Lab Sample ID:	I.BLK-PS031156.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
PS031156.D	1		07/21/25	ps072125

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	504		70 (61) - 130 (136)	101%	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\PS072125\
Data File : PS031156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 14:38
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: Jul 22 03:21:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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	7.325	7.766	1726.8E6	511.1E6	397.121	503.568 #

Target Compounds

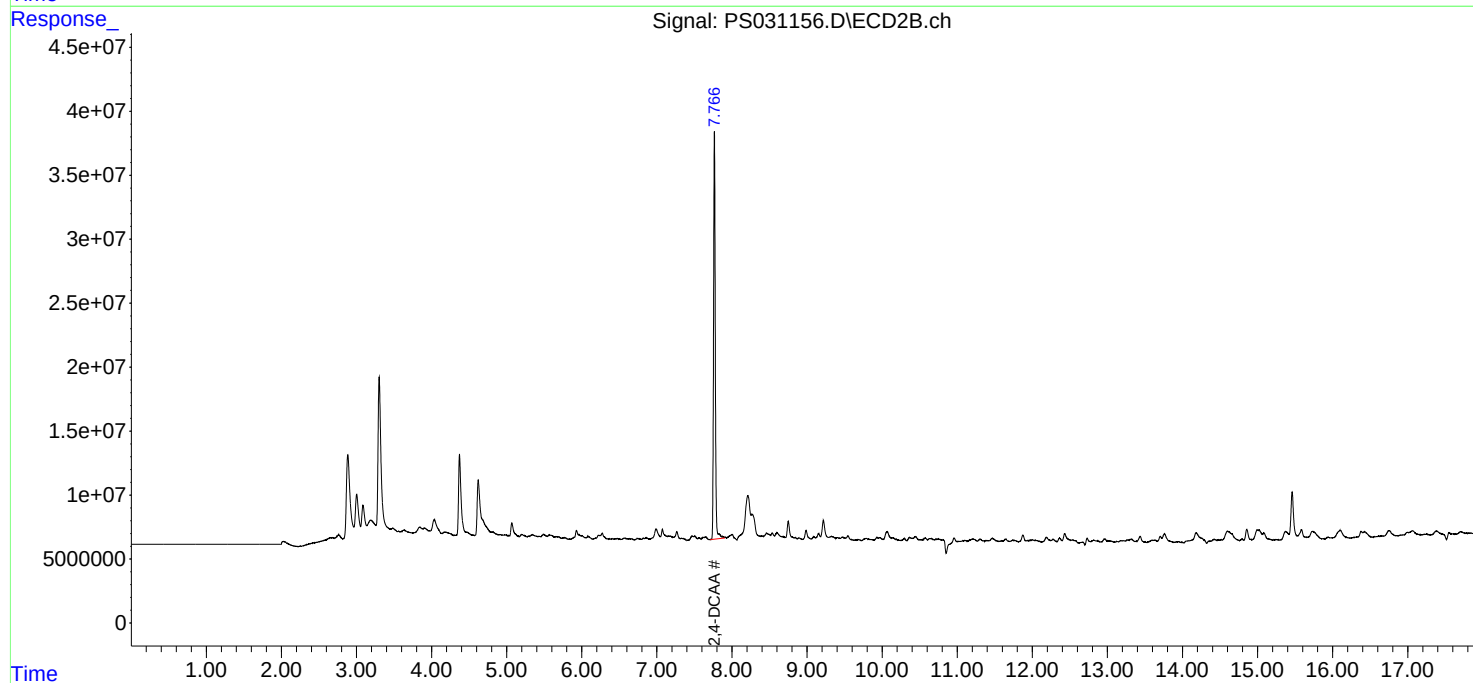
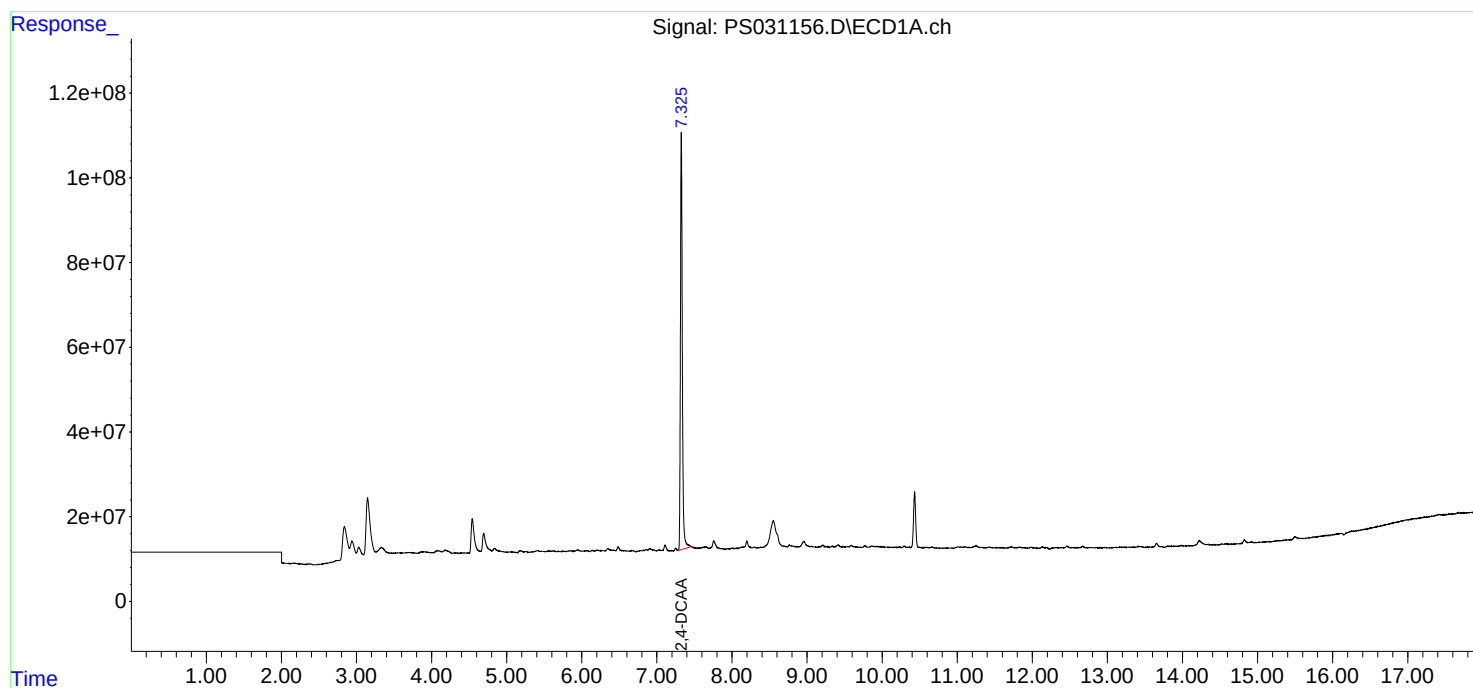
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

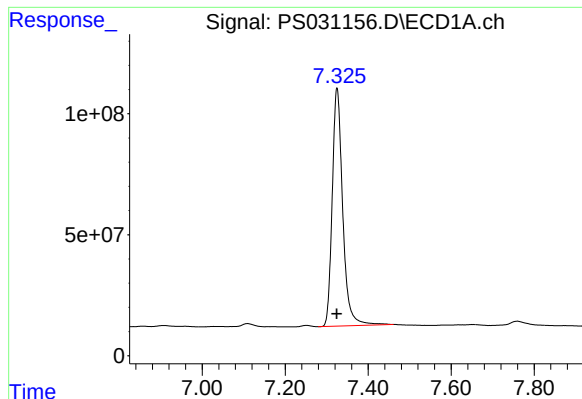
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072125\
Data File : PS031156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 14:38
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 03:21:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

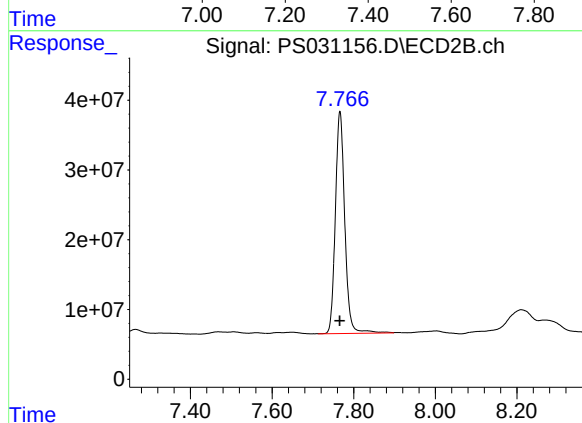




#4 2,4-DCAA

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1726782024
Conc: 397.12 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 511105861
Conc: 503.57 ng/ml

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	North Arlington, NJ	Date Received:	07/24/25
Client Sample ID:	PIBLK-PS031232.D	SDG No.:	Q2646
Lab Sample ID:	I.BLK-PS031232.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
PS031232.D	1		07/24/25	PS072425

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	491		70 (61) - 130 (136)	98%	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\PS072425\
Data File : PS031232.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:27
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: Jul 25 02:07:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	1792.3E6	498.2E6	412.184	490.830

Target Compounds

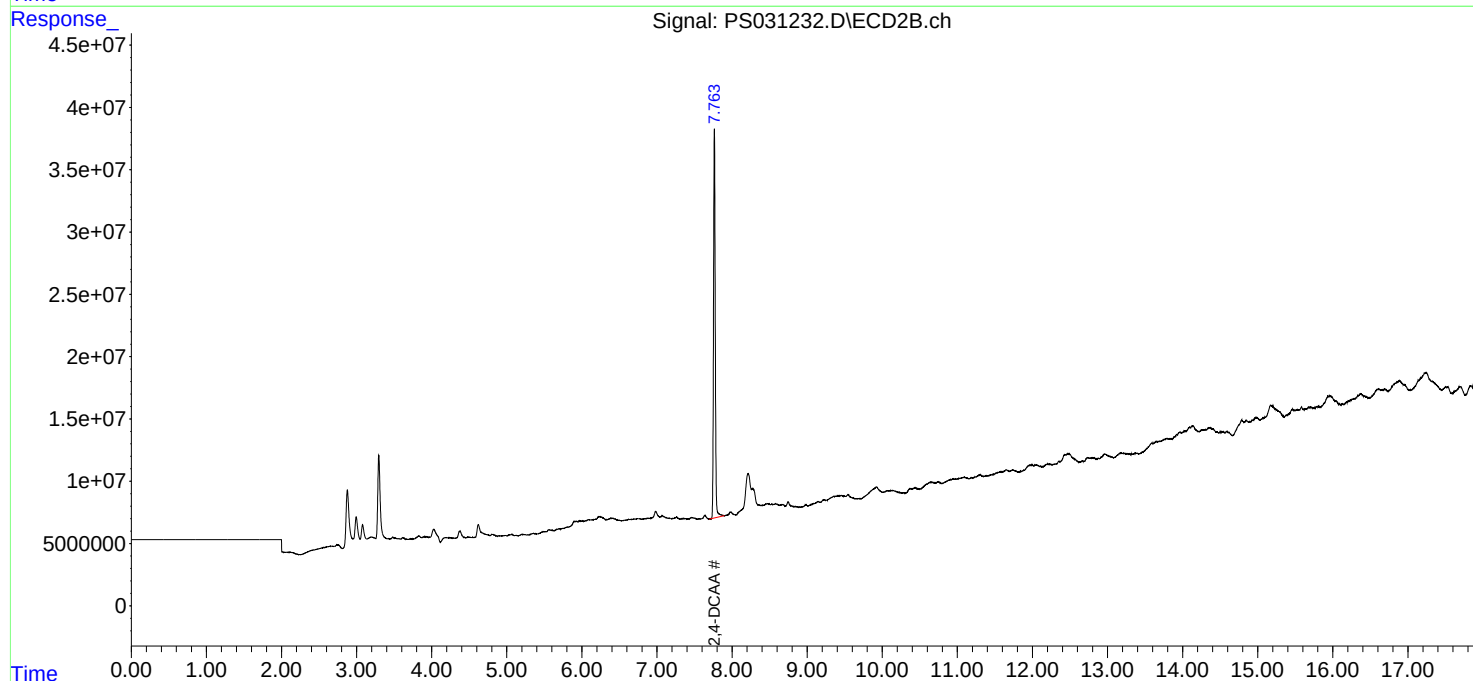
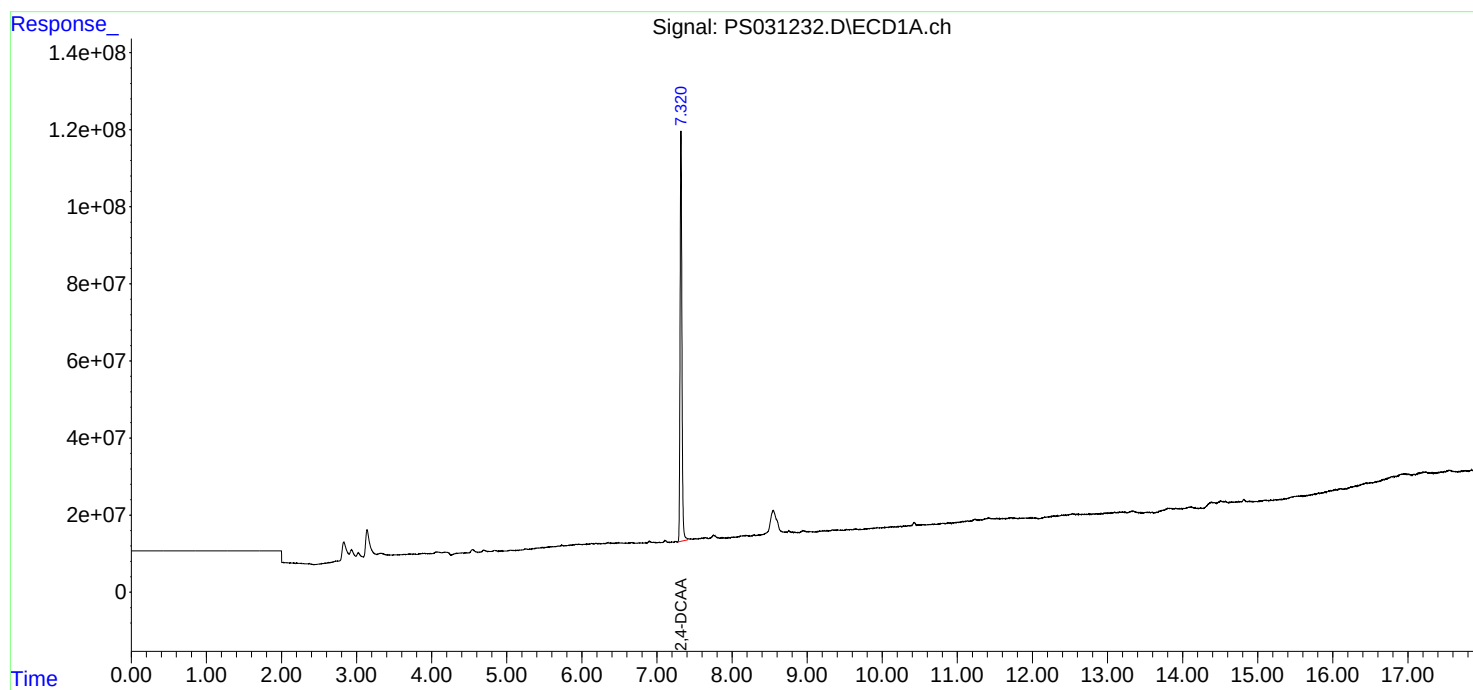
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

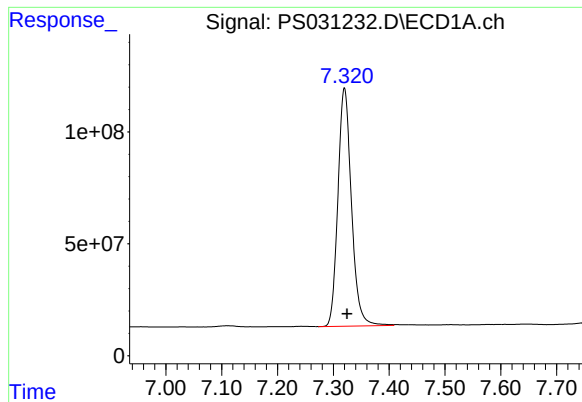
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031232.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:27
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 02:07:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

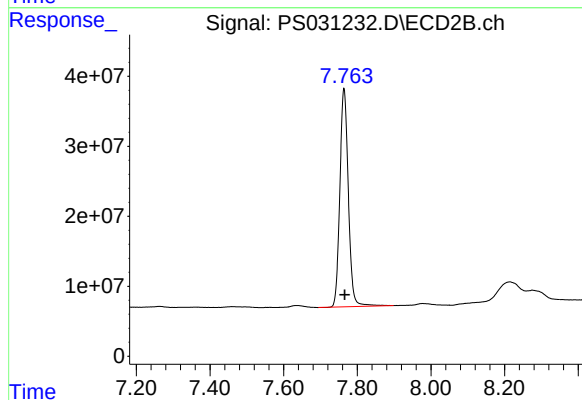




#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 1792280651
Conc: 412.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 498176470
Conc: 490.83 ng/ml

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/24/25
Project:	North Arlington, NJ	Date Received:	07/24/25
Client Sample ID:	PIBLK-PS031242.D	SDG No.:	Q2646
Lab Sample ID:	I.BLK-PS031242.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
PS031242.D	1		07/24/25	PS072425

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	498		70 (61) - 130 (136)	100%	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\PS072425\
Data File : PS031242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 22:17
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: Jul 25 03:46:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	1834.3E6	505.9E6	421.850	498.392
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Target Compounds

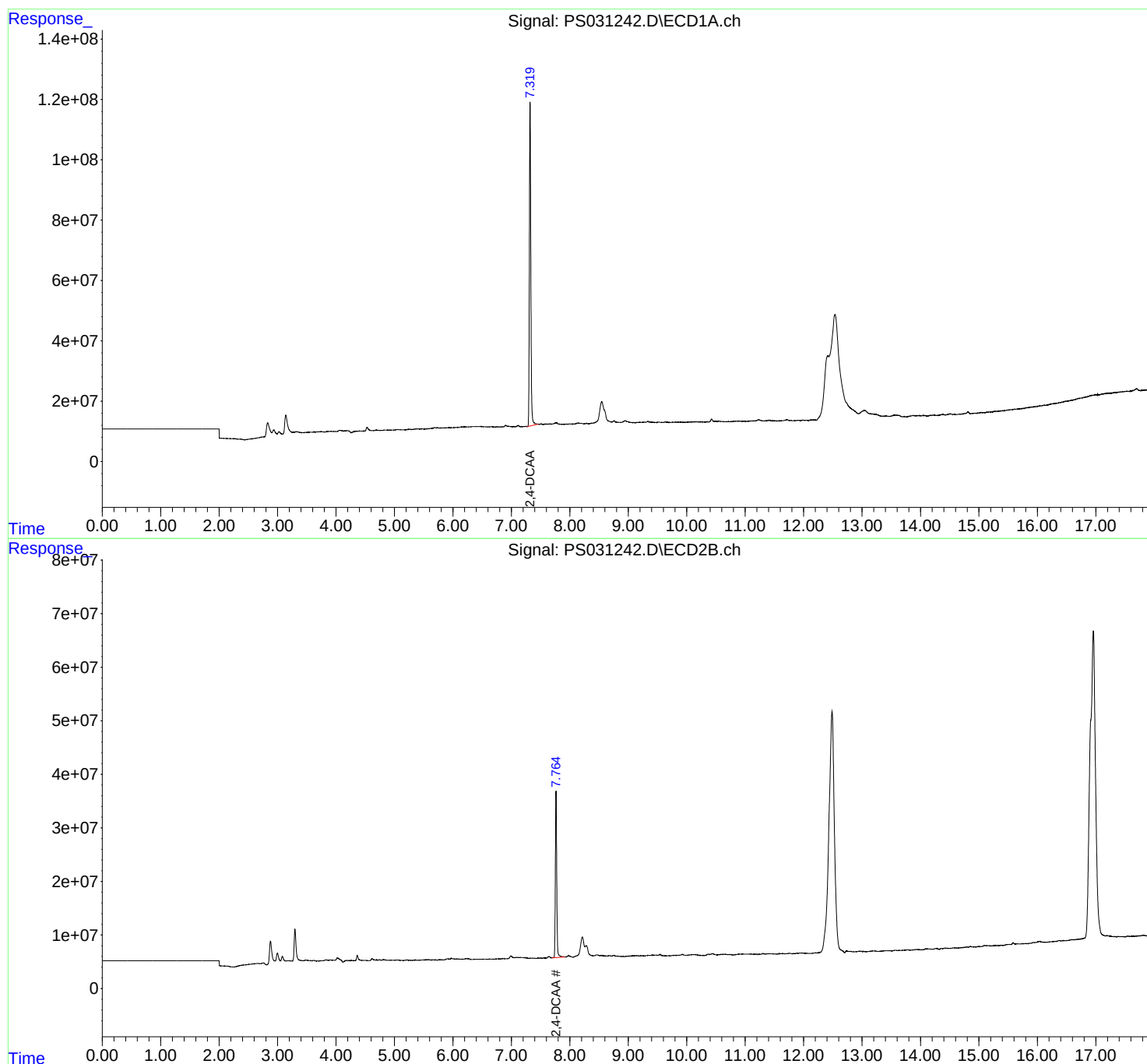
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

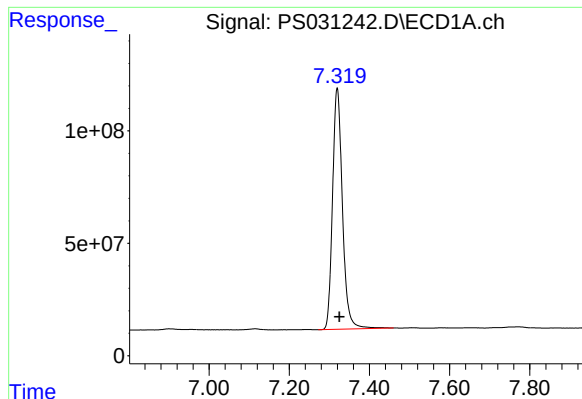
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 22:17
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:46:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

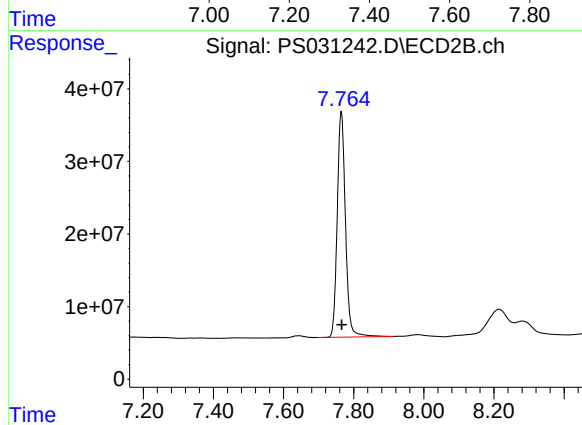




#4 2,4-DCAA

R.T.: 7.320 min
Delta R.T.: -0.005 min
Response: 1834308835
Conc: 421.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.764 min
Delta R.T.: -0.002 min
Response: 505852351
Conc: 498.39 ng/ml

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/29/25
Project:	North Arlington, NJ	Date Received:	07/29/25
Client Sample ID:	PIBLK-PS031274.D	SDG No.:	Q2646
Lab Sample ID:	I.BLK-PS031274.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
PS031274.D	1		07/29/25	PS072925

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	491		70 (61) - 130 (136)	98%	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\PS072925\
 Data File : PS031274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 16:06
 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: Jul 29 18:39:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 29 18:38:25 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	7.316	7.766	1175.8E6	409.9E6	403.573	490.802
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Target Compounds

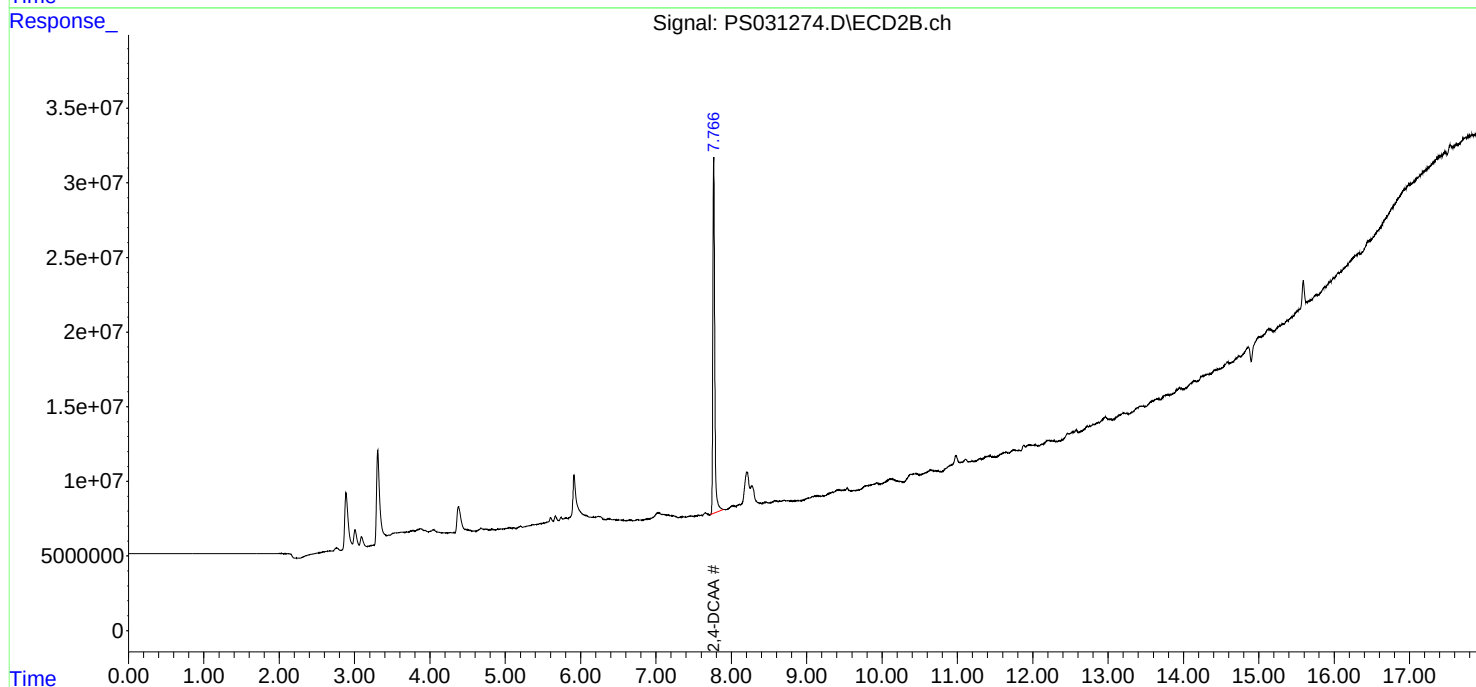
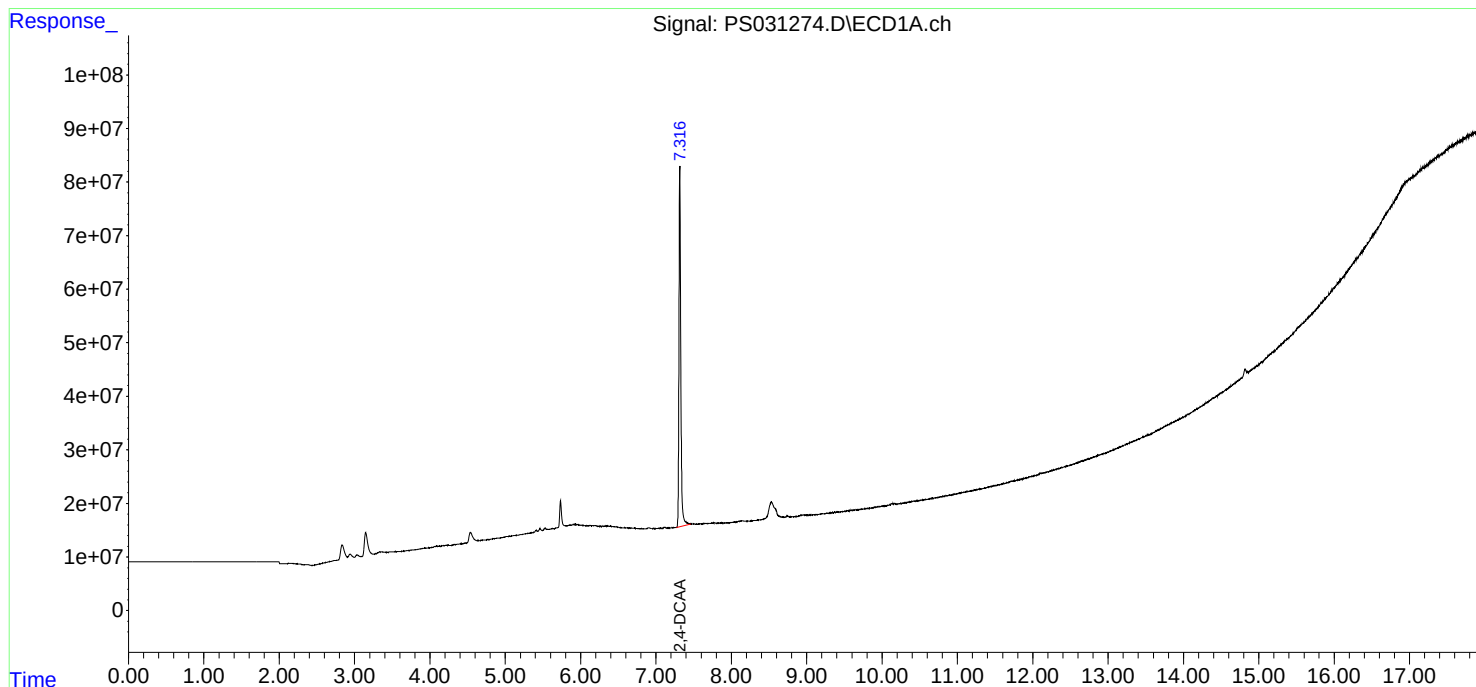
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

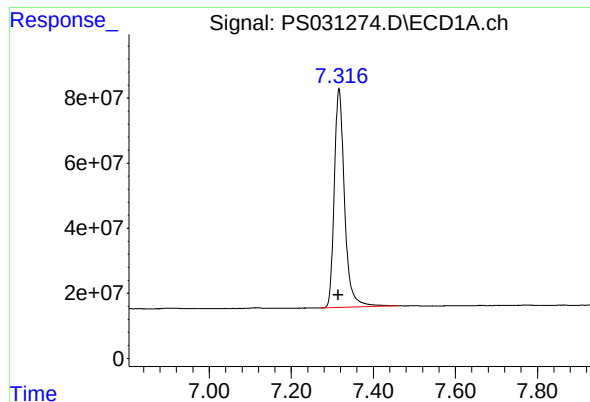
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072925\
Data File : PS031274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 16:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 18:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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

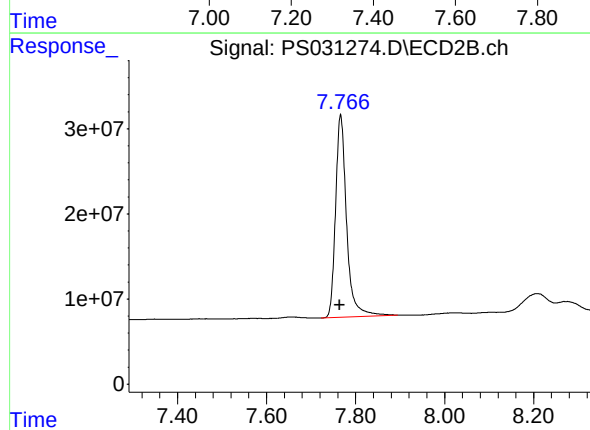




#4 2,4-DCAA

R.T.: 7.316 min
Delta R.T.: 0.002 min
Response: 1175772628
Conc: 403.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.766 min
Delta R.T.: 0.002 min
Response: 409859184
Conc: 490.80 ng/ml

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/31/25
Project:	North Arlington, NJ	Date Received:	07/31/25
Client Sample ID:	PIBLK-PS031335.D	SDG No.:	Q2646
Lab Sample ID:	I.BLK-PS031335.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
PS031335.D	1		07/31/25	Ps073125

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	517		70 (61) - 130 (136)	103%	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\PS073125\
Data File : PS031335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 11:36
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: Jul 31 14:33:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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	7.307	7.760	1393.4E6	431.9E6	478.261	517.199

Target Compounds

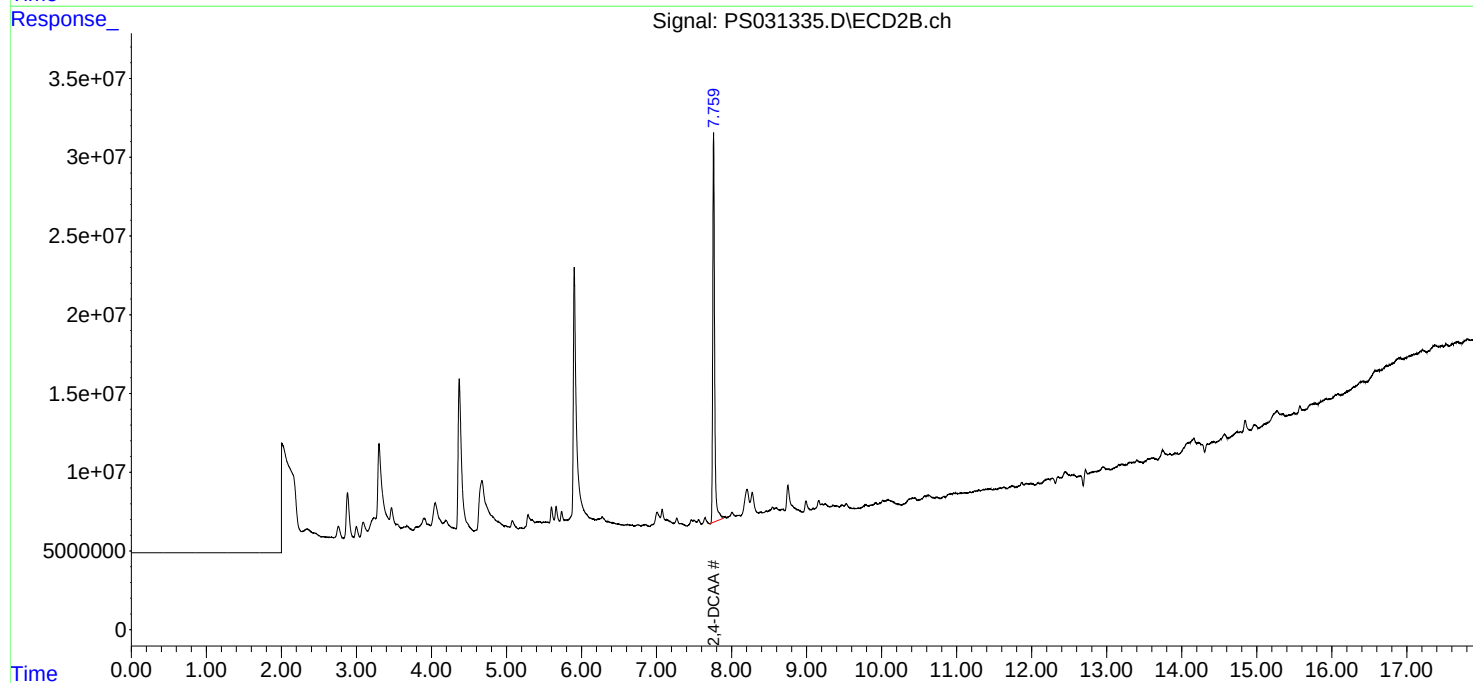
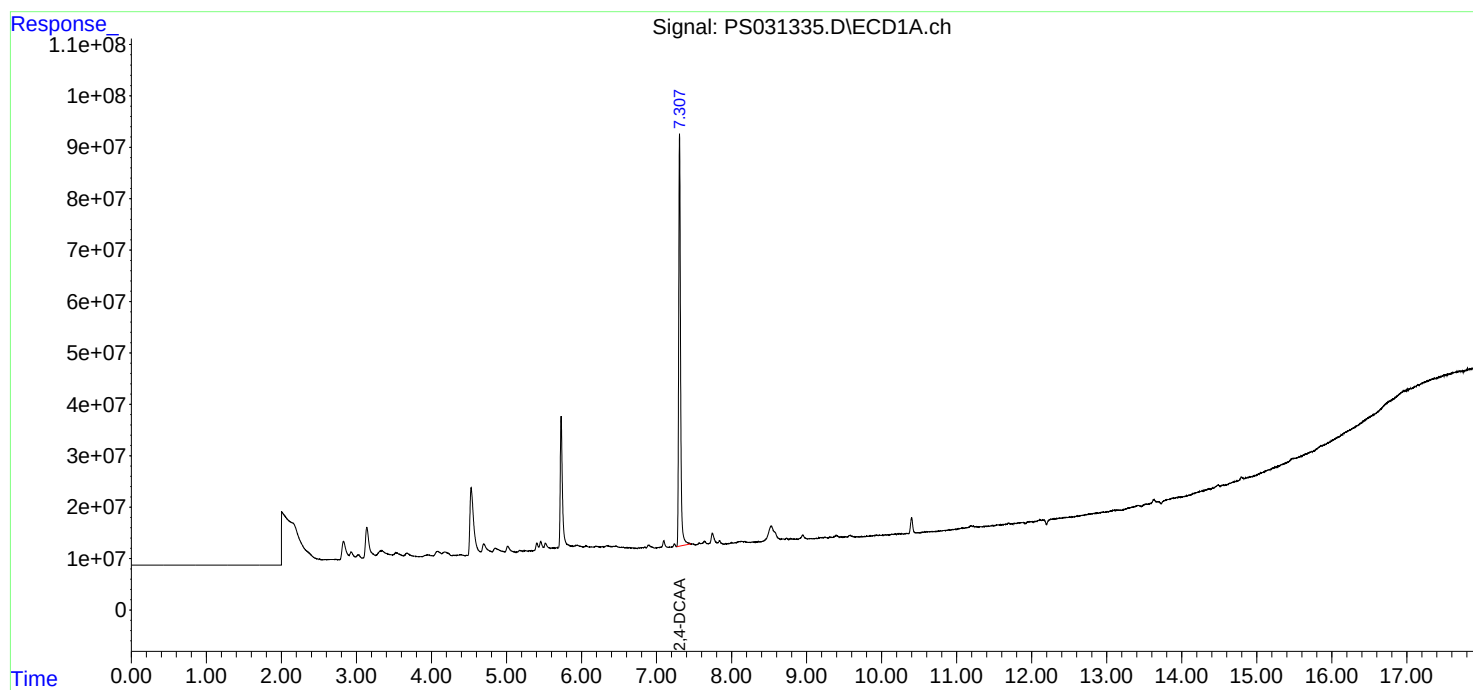
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
Data File : PS031335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 11:36
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

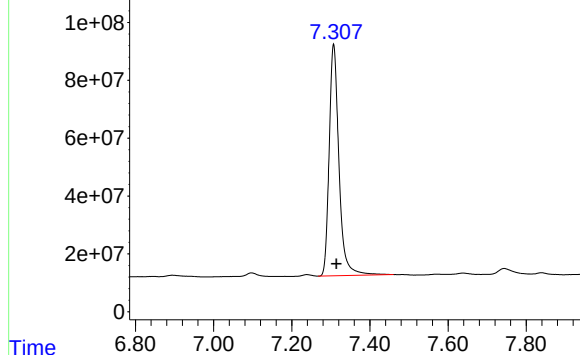
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 14:33:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PS031335.D\ECD1A.ch

#4 2,4-DCAA

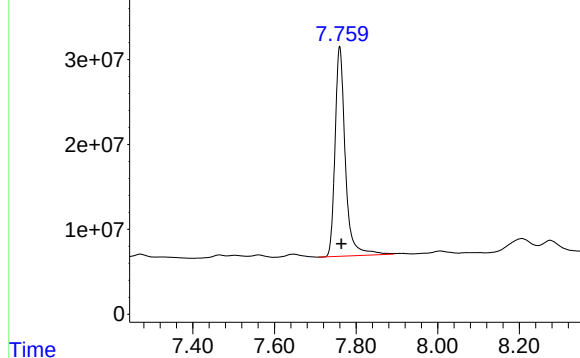


R.T.: 7.307 min
Delta R.T.: -0.007 min
Response: 1393368655
Conc: 478.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK

Response_ Signal: PS031335.D\ECD2B.ch

#4 2,4-DCAA



R.T.: 7.760 min
Delta R.T.: -0.004 min
Response: 431903074
Conc: 517.20 ng/ml

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/31/25
Project:	North Arlington, NJ	Date Received:	07/31/25
Client Sample ID:	PIBLK-PS031338.D	SDG No.:	Q2646
Lab Sample ID:	I.BLK-PS031338.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
PS031338.D	1		07/31/25	PS073125

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	537		70 (61) - 130 (136)	107%	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\PS073125\
Data File : PS031338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:19
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: Aug 01 01:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 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	7.304	7.756	1515.5E6	448.2E6	520.198	536.704

Target Compounds

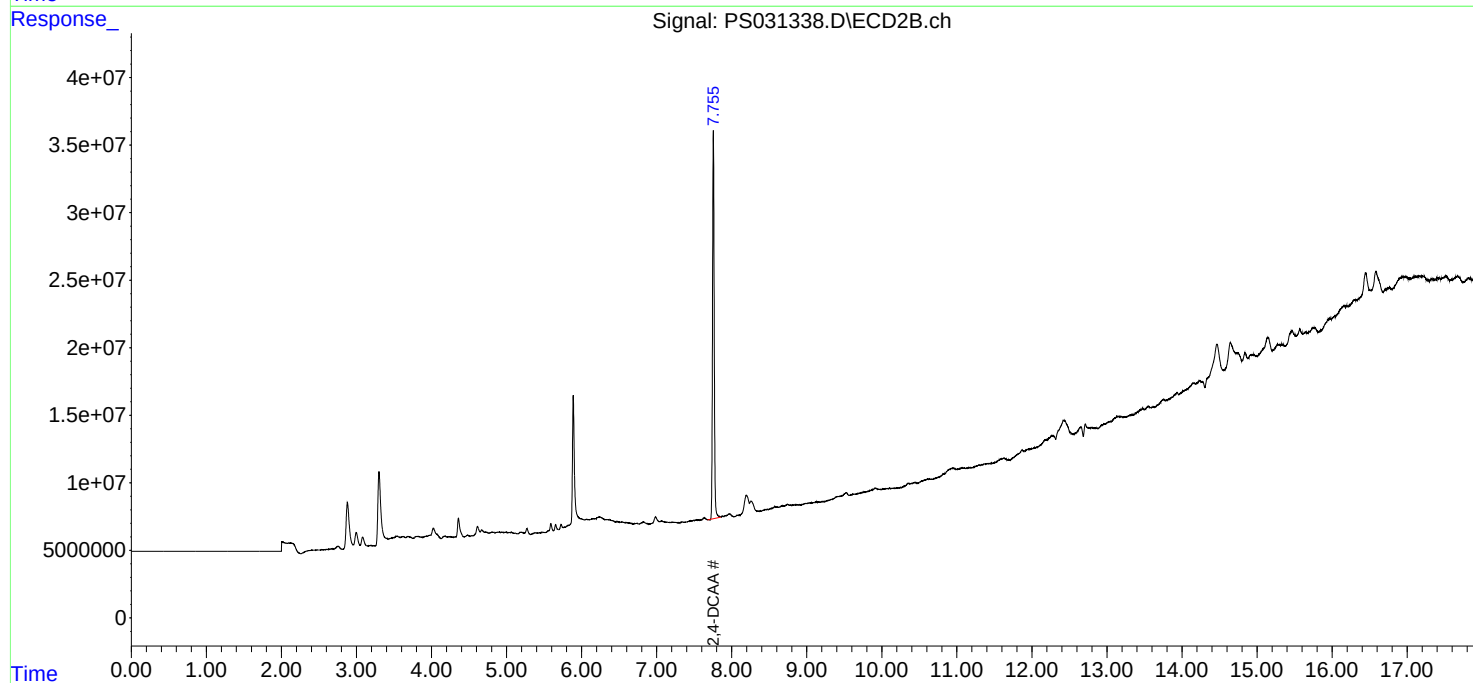
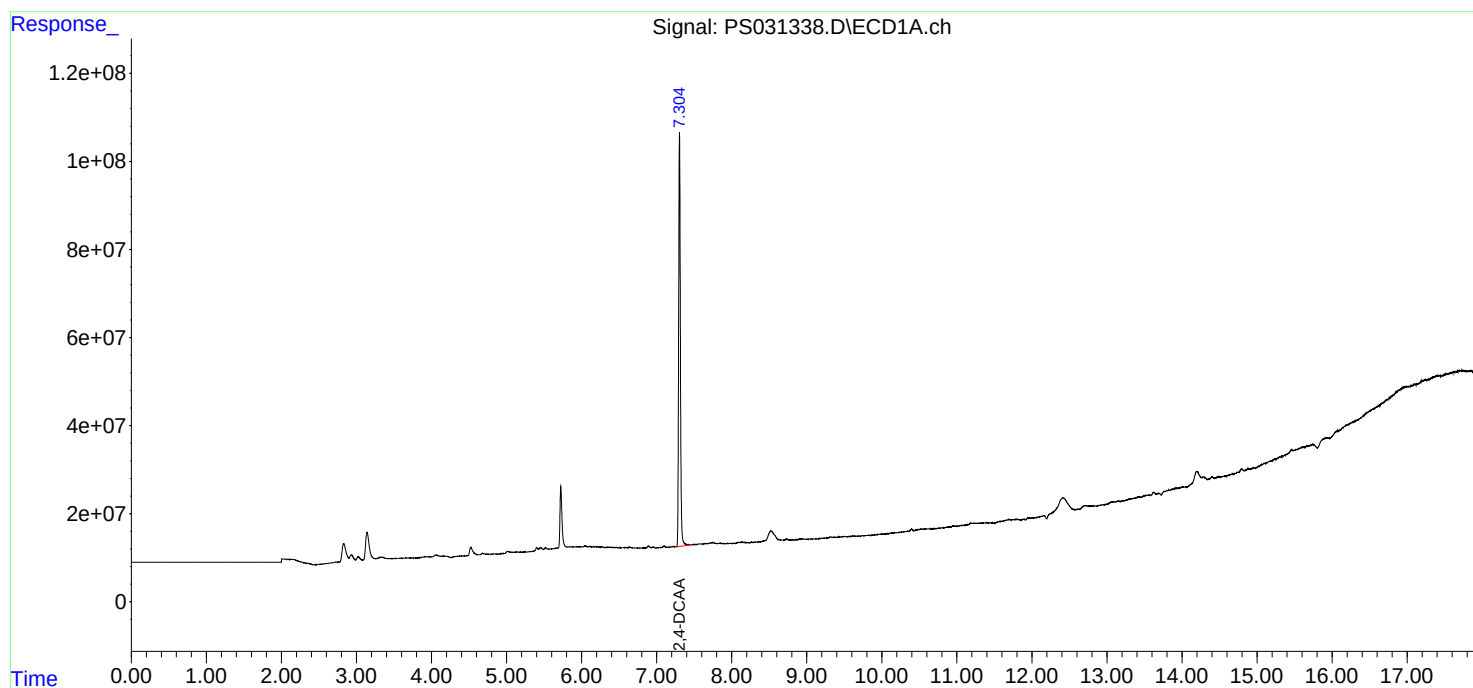
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

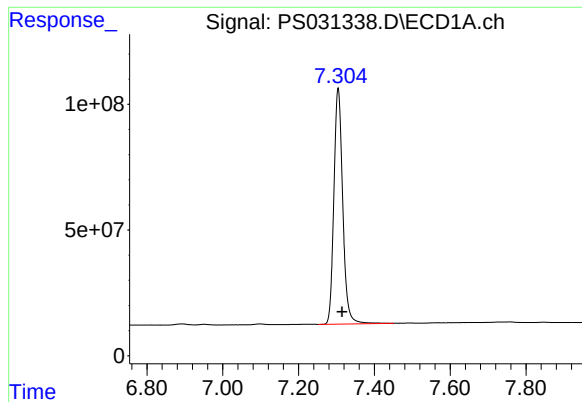
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS073125\
Data File : PS031338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2025 15:19
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 01:28:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072925.M
Quant Title : 8080.M
QLast Update : Tue Jul 29 18:38:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

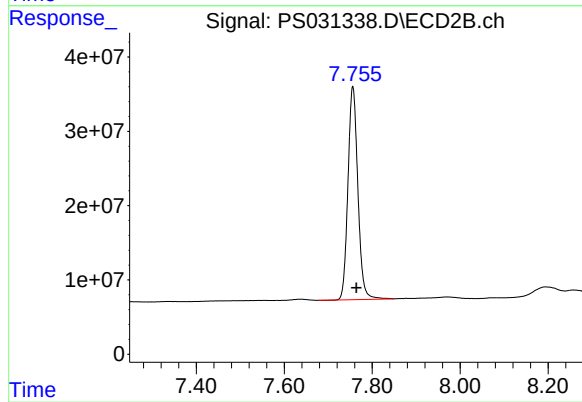




#4 2,4-DCAA

R.T.: 7.304 min
Delta R.T.: -0.010 min
Response: 1515545983
Conc: 520.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.756 min
Delta R.T.: -0.008 min
Response: 448191355
Conc: 536.70 ng/ml

Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	
Project:	North Arlington, NJ	Date Received:	
Client Sample ID:	PB169001BS	SDG No.:	Q2646
Lab Sample ID:	PB169001BS	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
PS031237.D	1	07/23/25 11:45	07/24/25 20:16	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	6.00		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.60		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	501		70 (61) - 130 (136)	100%	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\PS072425\
 Data File : PS031237.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 20:16
 Operator : AR\AJ
 Sample : PB169001BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB169001BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:44:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	2121.5E6	508.8E6	487.902	501.299
Target Compounds							
1) T	Dalapon	2.686	2.704	1300.3E6	2886.7E6	207.289m	1017.600m#
2) T	3,5-DICHL...	6.484	6.711	2802.4E6	743.0E6	507.436	482.528
3) T	4-Nitroph...	7.120	7.297	804.0E6	751.3E6	487.603	415.214
5) T	DICAMBA	7.508	7.966	7809.3E6	3109.6E6	473.377	481.854
6) T	MCPD	7.689	8.065	456.0E6	90752125	45.551	43.677
7) T	MCPA	7.839	8.312	601.5E6	134.5E6	48.069	42.627
8) T	DICHLORPROP	8.219	8.685	1990.0E6	727.3E6	520.683	480.100
9) T	2,4-D	8.451	9.021	2223.0E6	926.8E6	595.191	545.708m
10) T	Pentachlo...	8.757	9.545	32147.0E6	20997.3E6	588.540	537.273
11) T	2,4,5-TP ...	9.335	9.926	12279.8E6	7936.6E6	559.353	532.865
12) T	2,4,5-T	9.628	10.353	10468.9E6	7013.5E6	536.103	493.233
13) T	2,4-DB	10.206	10.920	1568.7E6	579.1E6	524.686	494.707m
14) T	DINOSEB	11.418	11.305	6756.6E6	4565.9E6	433.963m	403.990
15) T	Picloram	11.229	12.415	9502.8E6	9927.6E6	474.983m	398.777
16) T	DCPA	11.713	12.348	11529.1E6	11386.4E6	401.804	494.287

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031237.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 20:16
Operator : AR\AJ
Sample : PB169001BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB169001BS

Manual Integrations

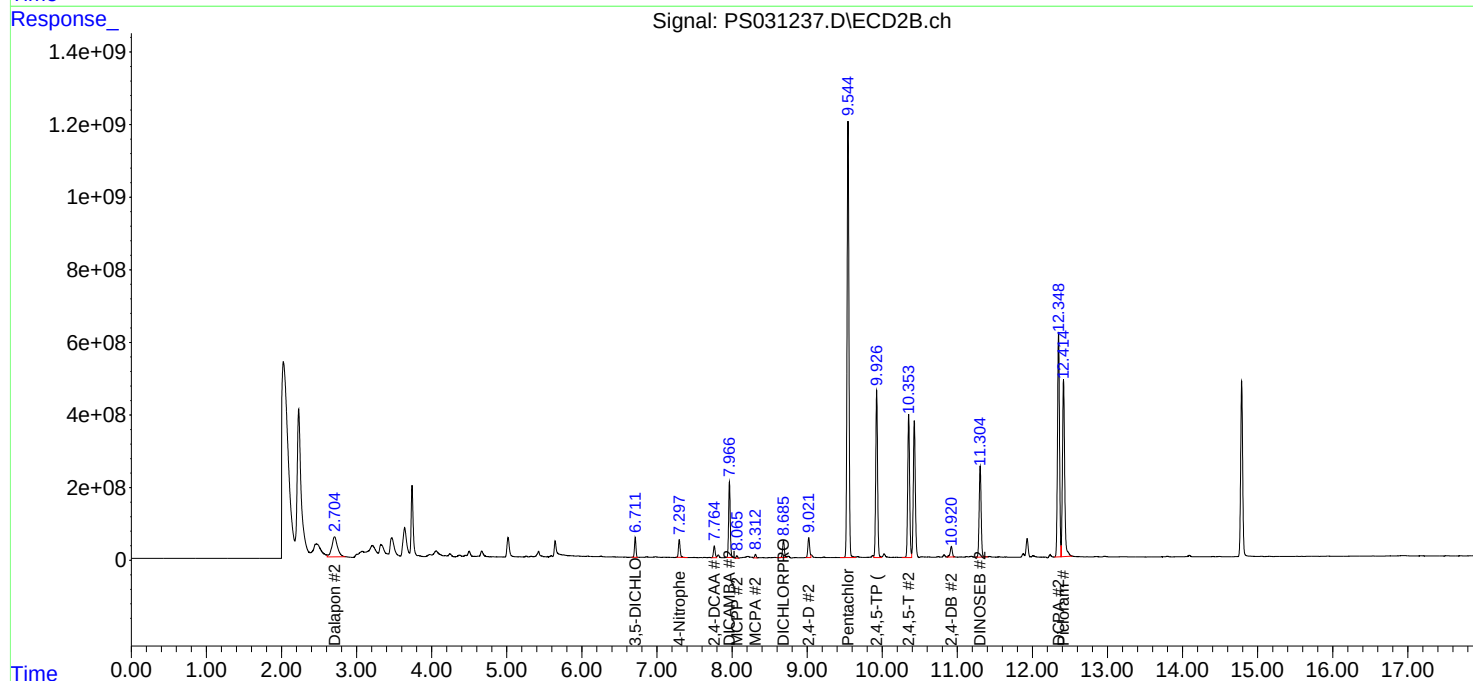
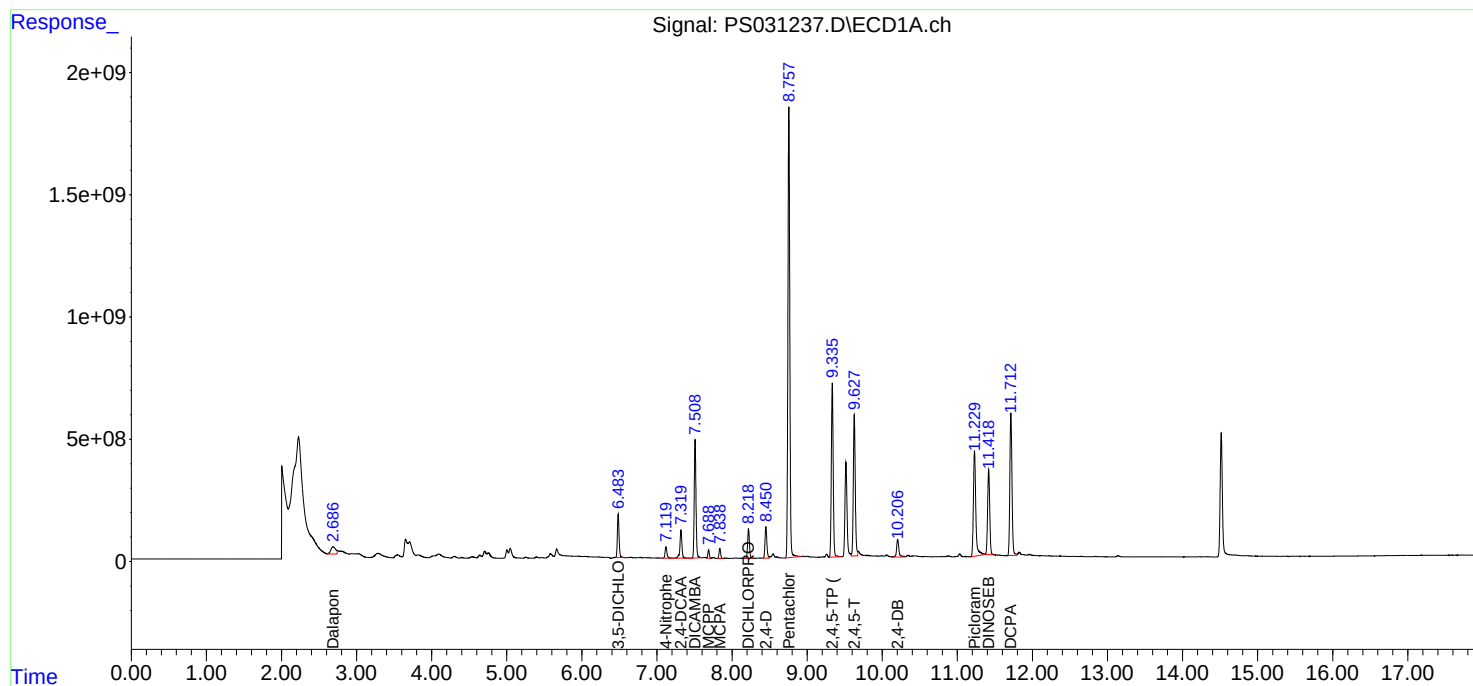
APPROVED

Reviewed By :Yogesh Patel 07/25/2025

Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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



Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MS	SDG No.:	Q2646
Lab Sample ID:	Q2641-02MS	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
PS031234.D	1	07/23/25 11:45	07/24/25 19:04	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	86.2		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	77.7		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	499		70 (61) - 130 (136)	100%	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\PS072425\
 Data File : PS031234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 19:04
 Operator : AR\AJ
 Sample : Q2641-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 P001-CONCRETE001-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:43:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.320	7.764	1963.7E6	506.9E6	451.601	499.405
Target Compounds							
1) T	Dalapon	2.688	2.703	1333.9E6	1571.4E6	212.638m	553.950m#
2) T	3,5-DICHL...	6.483	6.712	3774.5E6	1077.7E6	683.453	699.882
3) T	4-Nitroph...	7.119	7.297	1187.3E6	1170.2E6	720.128	646.764
5) T	DICAMBA	7.509	7.967	11641.9E6	4766.2E6	705.698	738.553
6) T	MCPD	7.690	8.066	527.1E6	103.8E6	52.654	49.950
7) T	MCPA	7.839	8.302	801.2E6	948.9E6	64.026	300.750m#
8) T	DICHLORPROP	8.220	8.685	2710.9E6	1057.3E6	709.287	697.963
9) T	2,4-D	8.451	9.022	2999.1E6	1463.7E6	802.981	861.865
10) T	Pentachlo...	8.757	9.545	43108.9E6	29856.6E6	789.228	763.964
11) T	2,4,5-TP ...	9.336	9.926	17061.4E6	11429.8E6	777.160	767.401m
12) T	2,4,5-T	9.629	10.353	15007.0E6	10621.2E6	768.497	746.949
13) T	2,4-DB	10.206	10.918	2291.1E6	1301.9E6	766.275	1112.263m#
14) T	DINOSEB	11.418	11.305	10564.4E6	7270.1E6	678.534m	643.254
15) T	Picloram	11.229	12.414	17696.5E6	19451.7E6	884.535m	781.349
16) T	DCPA	11.714	12.349	18645.8E6	17877.9E6	649.827	776.086m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031234.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:04
Operator : AR\AJ
Sample : Q2641-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

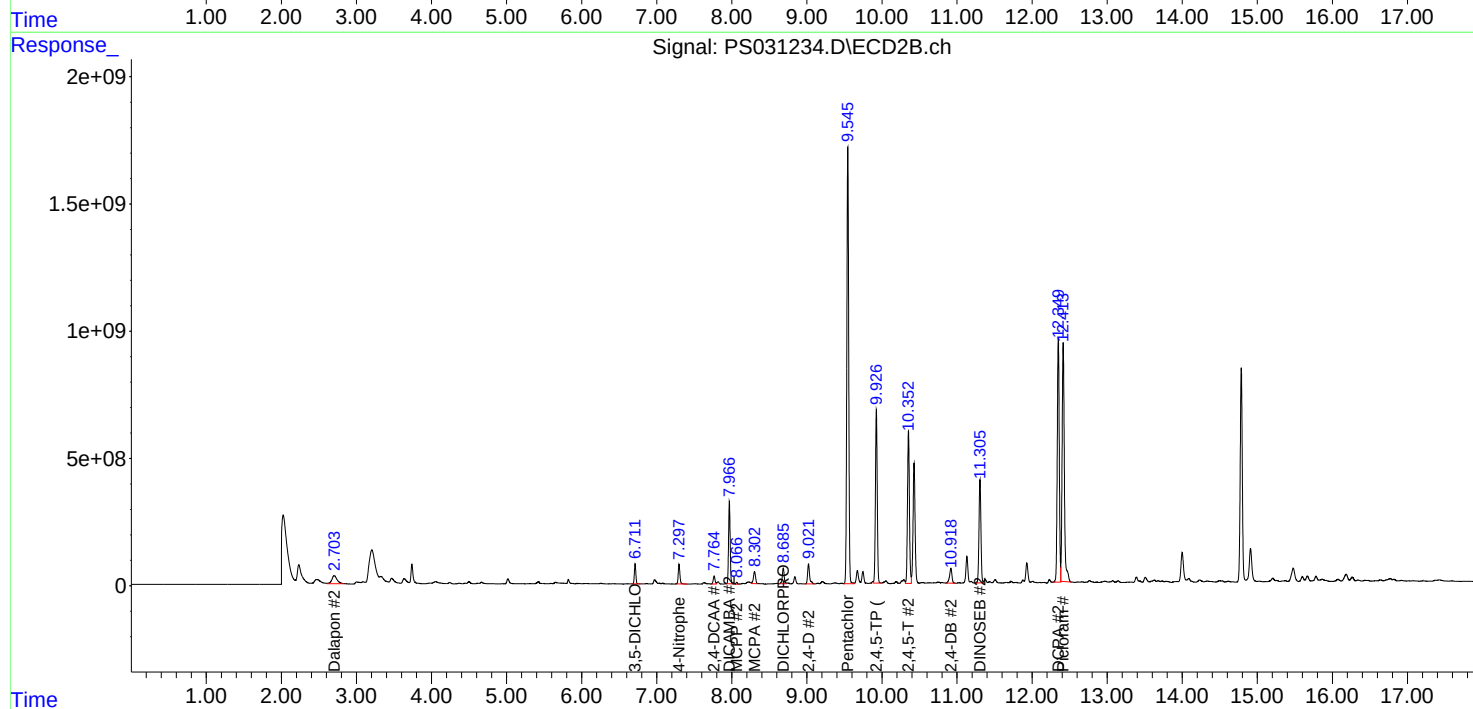
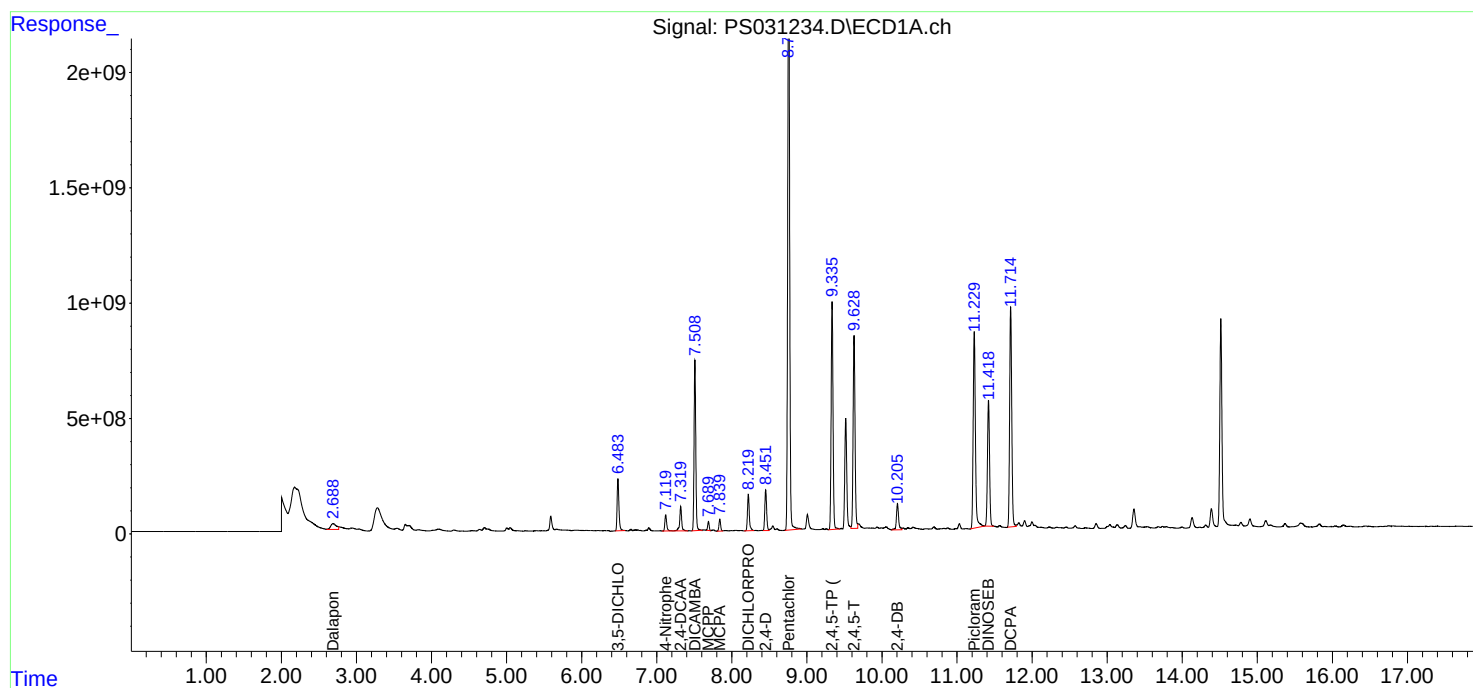
Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:43:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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



Report of Analysis

Client:	Environmental Restoration, LLC	Date Collected:	07/16/25
Project:	North Arlington, NJ	Date Received:	07/18/25
Client Sample ID:	P001-CONCRETE001-01MSD	SDG No.:	Q2646
Lab Sample ID:	Q2641-02MSD	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
PS031235.D	1	07/23/25 11:45	07/24/25 19:28	PB169001

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	80.9		9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	73.8		7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	463		70 (61) - 130 (136)	93%	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\PS072425\
 Data File : PS031235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 19:28
 Operator : AR\AJ
 Sample : Q2641-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 P001-CONCRETE001-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2025
 Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:43:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 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	7.319	7.764	1819.5E6	469.6E6	418.436	462.681
Target Compounds							
1) T	Dalapon	2.688	2.703	1265.5E6	1324.3E6	201.746m	466.832m#
2) T	3,5-DICHL...	6.483	6.711	3576.2E6	1020.1E6	647.538	662.430
3) T	4-Nitroph...	7.119	7.297	1123.9E6	1117.7E6	681.649	617.766
5) T	DICAMBA	7.509	7.966	11042.2E6	4495.5E6	669.344	696.610
6) T	MCPD	7.689	8.065	477.0E6	93967699	47.651	45.224
7) T	MCPA	7.839	8.302	734.1E6	811.0E6	58.658	257.034m#
8) T	DICHLORPROP	8.219	8.685	2527.0E6	976.3E6	661.169	644.472
9) T	2,4-D	8.451	9.022	2847.7E6	1374.5E6	762.450	809.339
10) T	Pentachlo...	8.760	9.545	41978.8E6	28362.4E6	768.538	725.729
11) T	2,4,5-TP ...	9.336	9.926	16205.4E6	10825.5E6	738.168	726.825m
12) T	2,4,5-T	9.630	10.353	14305.5E6	10120.0E6	732.573	711.704
13) T	2,4-DB	10.206	10.919	2275.5E6	1219.8E6	761.081	1042.144m#
14) T	DINOSEB	11.419	11.305	10036.8E6	6882.5E6	644.648m	608.956
15) T	Picloram	11.229	12.414	16773.8E6	18153.3E6	838.413m	729.193
16) T	DCPA	11.714	12.349	16732.4E6	16985.3E6	583.144	737.337m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072425\
Data File : PS031235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 19:28
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

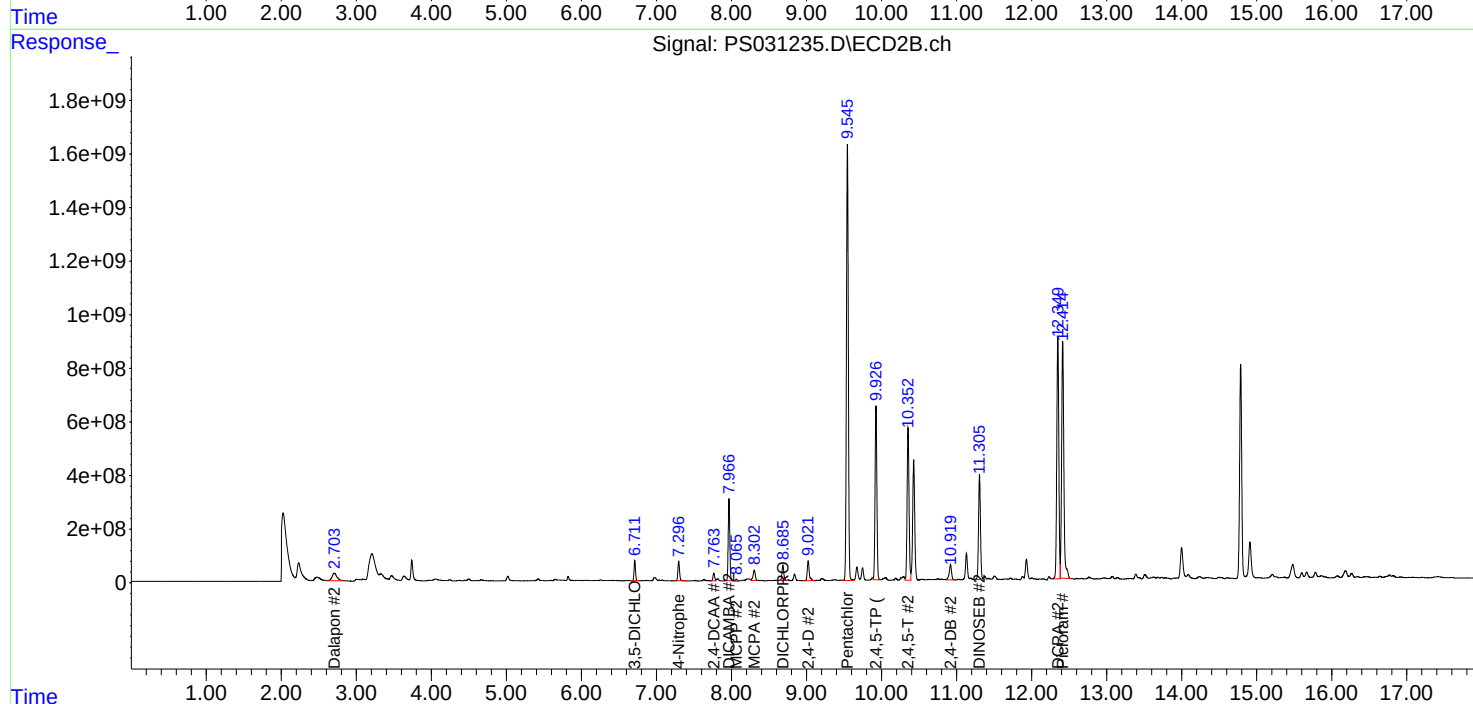
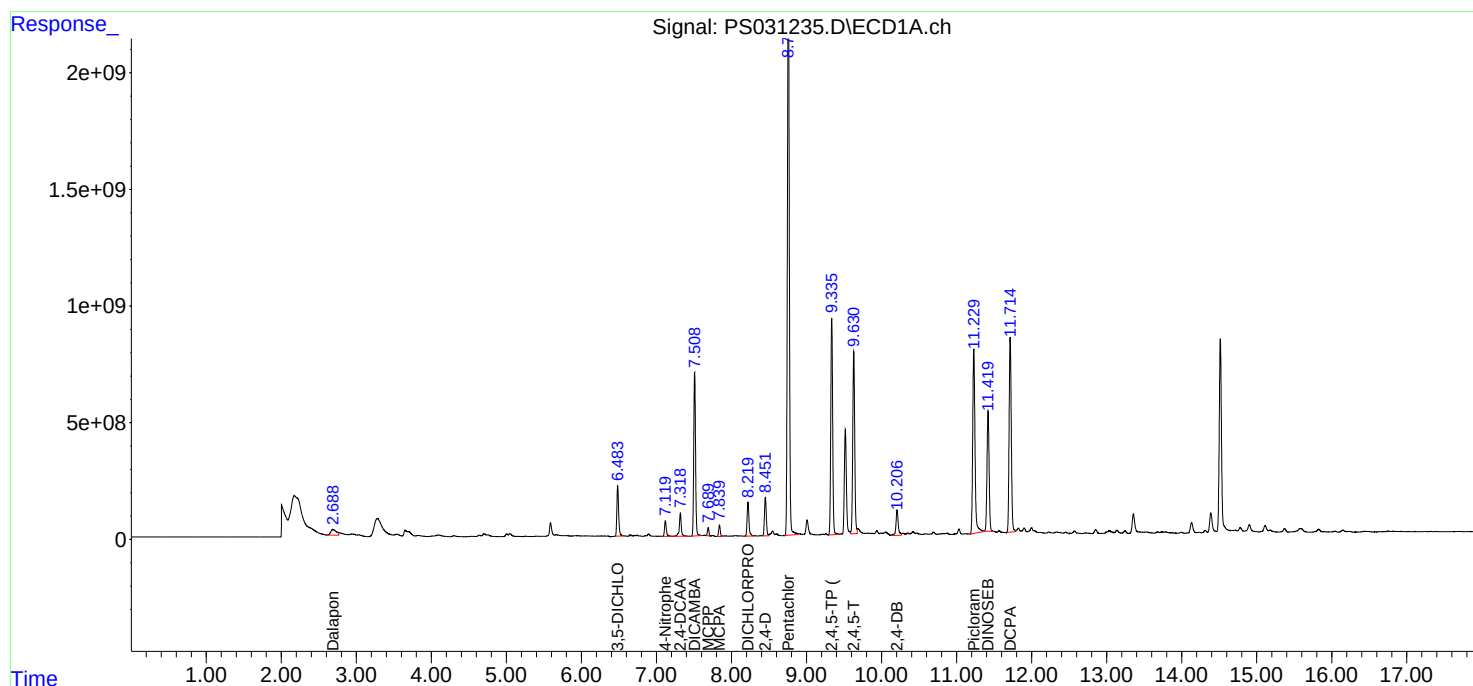
Instrument :
ECD_S
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2025
Supervised By :mohammad ahmed 07/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 03:43:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 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

Manual Integration Report

Sequence:

ps072125

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC500	PS031158.D	2,4-DCAA	Abdul	7/22/2025 7:56:52 AM	mohammad	7/23/2025 1:33:13	Peak Integrated by Software

Manual Integration Report

Sequence:	ps072425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031222.D	2,4-D	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031222.D	2,4-DB	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031222.D	2,4-DCAA	yogesh	7/25/2025 8:14:31 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	DCPA #2	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	DINOSEB	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	Pentachlorophenol	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031233.D	Picloram	yogesh	7/25/2025 8:14:42 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	2,4-DB #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Dalapon	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Dalapon #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	DCPA #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	DINOSEB	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

Manual Integration Report

Sequence:

ps072425

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2641-02MS	PS031234.D	MCPA #2	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MS	PS031234.D	Picloram	yogesh	7/25/2025 8:14:46 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	2,4-DB #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Dalapon	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Dalapon #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	DCPA #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	DINOSEB	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	MCPA #2	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
Q2641-02MSD	PS031235.D	Picloram	yogesh	7/25/2025 8:14:48 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	2,4-D #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	2,4-DB #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	Dalapon	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

Manual Integration Report

Sequence:

ps072425

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169001BS	PS031237.D	Dalapon #2	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	DINOSEB	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
PB169001BS	PS031237.D	Picloram	yogesh	7/25/2025 8:14:50 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	DCPA #2	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	DINOSEB	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	Pentachlorophenol	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031243.D	Picloram	yogesh	7/25/2025 8:14:52 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	DCPA #2	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	DINOSEB	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	Pentachlorophenol	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031252.D	Picloram	yogesh	7/25/2025 8:14:58 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	2,4,5-TP (SILVEX) #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	2,4-D	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

Manual Integration Report

Sequence:

ps072425

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS031260.D	3,5-DICHLOROBENZOI C ACID	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	Dalapon #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	DICHLORPROP	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	DICHLORPROP #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software
HSTDCCC750	PS031260.D	MCPD #2	yogesh	7/25/2025 9:35:16 AM	mohammad	7/26/2025 3:49:45	Peak Integrated by Software

Manual Integration Report

Sequence:	PS072925	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS031275.D	2,4-DB #2	Abdul	7/30/2025 8:36:01 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1000	PS031278.D	MCPP #2	Abdul	7/30/2025 8:36:04 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1500	PS031279.D	3,5-DICHLOROBENZOI C ACID	Abdul	7/30/2025 8:36:07 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDICC1500	PS031279.D	MCPP #2	Abdul	7/30/2025 8:36:07 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031282.D	MCPP #2	Abdul	7/30/2025 8:36:12 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031293.D	D CPA #2	Abdul	7/30/2025 8:36:30 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031293.D	MCPP #2	Abdul	7/30/2025 8:36:30 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	3,5-DICHLOROBENZOI C ACID	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	DICHLORPROP #2	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software
HSTDCCC750	PS031301.D	MCPP #2	Abdul	7/30/2025 8:35:38 AM	mohammad	7/31/2025 1:17:44	Peak Integrated by Software



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

Manual Integration Report

Sequence:

Ps073125

Instrument

ECD_s

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072125

Review By	Abdul	Review On	7/22/2025 7:57:36 AM
Supervise By	mohammad	Supervise On	7/23/2025 1:33:13 AM
SubDirectory	PS072125	HP Acquire Method	HP Processing Method ps072125 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	PS031155.D	21 Jul 2025 14:14	AR\AJ	Ok
2	I.BLK	PS031156.D	21 Jul 2025 14:38	AR\AJ	Ok
3	HSTDICC200	PS031157.D	21 Jul 2025 15:02	AR\AJ	Ok
4	HSTDICC500	PS031158.D	21 Jul 2025 15:26	AR\AJ	Ok,M
5	HSTDICC750	PS031159.D	21 Jul 2025 15:51	AR\AJ	Ok
6	HSTDICC1000	PS031160.D	21 Jul 2025 16:15	AR\AJ	Ok
7	HSTDICC1500	PS031161.D	21 Jul 2025 16:39	AR\AJ	Ok
8	HSTDICV750	PS031162.D	21 Jul 2025 17:03	AR\AJ	Ok
9	I.BLK	PS031163.D	21 Jul 2025 17:27	AR\AJ	Ok
10	HSTDCCC750	PS031164.D	21 Jul 2025 17:51	AR\AJ	Ok
11	Q2529-10	PS031165.D	21 Jul 2025 18:15	AR\AJ	Not Ok
12	Q2529-10MS	PS031166.D	21 Jul 2025 18:40	AR\AJ	Not Ok
13	Q2529-10MSD	PS031167.D	21 Jul 2025 19:04	AR\AJ	Not Ok
14	PB168886BS	PS031168.D	21 Jul 2025 19:28	AR\AJ	Ok
15	I.BLK	PS031169.D	21 Jul 2025 19:52	AR\AJ	Ok
16	HSTDCCC750	PS031170.D	21 Jul 2025 20:16	AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 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	PS031220.D	24 Jul 2025 10:10	AR\AJ	Ok
2	I.BLK	PS031221.D	24 Jul 2025 10:35	AR\AJ	Ok
3	HSTDCCC750	PS031222.D	24 Jul 2025 12:03	AR\AJ	Ok,M
4	Q2638-11	PS031223.D	24 Jul 2025 13:44	AR\AJ	Ok
5	Q2638-11MS	PS031224.D	24 Jul 2025 14:08	AR\AJ	Ok,M
6	Q2638-11MSD	PS031225.D	24 Jul 2025 14:38	AR\AJ	Ok,M
7	Q2558-01MS	PS031226.D	24 Jul 2025 15:02	AR\AJ	Ok,M
8	Q2558-01MSD	PS031227.D	24 Jul 2025 15:26	AR\AJ	Ok,M
9	Q2638-13	PS031228.D	24 Jul 2025 15:50	AR\AJ	Ok,M
10	Q2638-05	PS031229.D	24 Jul 2025 16:14	AR\AJ	Ok
11	Q2638-07	PS031230.D	24 Jul 2025 16:39	AR\AJ	Ok
12	Q2641-02	PS031231.D	24 Jul 2025 17:03	AR\AJ	Ok
13	I.BLK	PS031232.D	24 Jul 2025 17:27	AR\AJ	Ok
14	HSTDCCC750	PS031233.D	24 Jul 2025 18:39	AR\AJ	Ok,M
15	Q2641-02MS	PS031234.D	24 Jul 2025 19:04	AR\AJ	Ok,M
16	Q2641-02MSD	PS031235.D	24 Jul 2025 19:28	AR\AJ	Ok,M
17	PB169001BL	PS031236.D	24 Jul 2025 19:52	AR\AJ	Ok
18	PB169001BS	PS031237.D	24 Jul 2025 20:16	AR\AJ	Ok,M
19	PB168919TB	PS031238.D	24 Jul 2025 20:40	AR\AJ	Ok
20	PB168926TB	PS031239.D	24 Jul 2025 21:04	AR\AJ	Ok
21	PB168953TB	PS031240.D	24 Jul 2025 21:29	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 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	PB168969TB	PS031241.D	24 Jul 2025 21:53	AR\AJ	Ok
23	I.BLK	PS031242.D	24 Jul 2025 22:17	AR\AJ	Ok
24	HSTDCCC750	PS031243.D	24 Jul 2025 23:29	AR\AJ	Ok,M
25	Q2481-12	PS031244.D	24 Jul 2025 23:53	AR\AJ	Not Ok
26	Q2481-15	PS031245.D	25 Jul 2025 00:17	AR\AJ	Ok,M
27	Q2667-01	PS031246.D	25 Jul 2025 00:41	AR\AJ	Ok
28	Q2667-02	PS031247.D	25 Jul 2025 01:05	AR\AJ	Ok
29	Q2481-19	PS031248.D	25 Jul 2025 01:29	AR\AJ	Ok
30	Q2481-21	PS031249.D	25 Jul 2025 01:53	AR\AJ	Ok
31	Q2446-03	PS031250.D	25 Jul 2025 02:18	AR\AJ	Not Ok
32	I.BLK	PS031251.D	25 Jul 2025 02:42	AR\AJ	Ok
33	HSTDCCC750	PS031252.D	25 Jul 2025 03:54	AR\AJ	Ok,M
34	Q2481-13	PS031253.D	25 Jul 2025 04:18	AR\AJ	Ok
35	Q2481-14	PS031254.D	25 Jul 2025 04:43	AR\AJ	Ok
36	Q2481-16	PS031255.D	25 Jul 2025 05:07	AR\AJ	Ok
37	Q2481-17	PS031256.D	25 Jul 2025 05:31	AR\AJ	Ok
38	Q2481-18	PS031257.D	25 Jul 2025 05:55	AR\AJ	Not Ok
39	Q2481-20	PS031258.D	25 Jul 2025 06:19	AR\AJ	Ok
40	I.BLK	PS031259.D	25 Jul 2025 06:43	AR\AJ	Ok
41	HSTDCCC750	PS031260.D	25 Jul 2025 07:07	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM
SubDirectory	PS072925	HP Acquire Method	HP Processing Method ps072925 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	PS031273.D	29 Jul 2025 15:42	AR\AJ	Ok
2	I.BLK	PS031274.D	29 Jul 2025 16:06	AR\AJ	Ok
3	HSTDICC200	PS031275.D	29 Jul 2025 16:30	AR\AJ	Ok,M
4	HSTDICC500	PS031276.D	29 Jul 2025 16:54	AR\AJ	Ok
5	HSTDICC750	PS031277.D	29 Jul 2025 17:18	AR\AJ	Ok
6	HSTDICC1000	PS031278.D	29 Jul 2025 17:42	AR\AJ	Ok,M
7	HSTDICC1500	PS031279.D	29 Jul 2025 18:07	AR\AJ	Ok,M
8	HSTDICV750	PS031280.D	29 Jul 2025 18:31	AR\AJ	Ok
9	I.BLK	PS031281.D	29 Jul 2025 18:55	AR\AJ	Ok
10	HSTDCCC750	PS031282.D	29 Jul 2025 19:19	AR\AJ	Ok,M
11	Q2668-01	PS031283.D	29 Jul 2025 19:43	AR\AJ	Ok
12	Q2668-05	PS031284.D	29 Jul 2025 20:07	AR\AJ	Ok
13	Q2668-09	PS031285.D	29 Jul 2025 20:32	AR\AJ	Ok
14	PB169024BL	PS031286.D	29 Jul 2025 20:56	AR\AJ	Ok
15	PB169024BS	PS031287.D	29 Jul 2025 21:20	AR\AJ	Ok,M
16	Q2668-09MS	PS031288.D	29 Jul 2025 21:44	AR\AJ	Ok,M
17	Q2668-09MSD	PS031289.D	29 Jul 2025 22:08	AR\AJ	Ok,M
18	Q2691-01	PS031290.D	29 Jul 2025 22:32	AR\AJ	Not Ok
19	Q2691-07	PS031291.D	29 Jul 2025 22:57	AR\AJ	ReRun
20	I.BLK	PS031292.D	29 Jul 2025 23:21	AR\AJ	Ok
21	HSTDCCC750	PS031293.D	29 Jul 2025 23:45	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM
SubDirectory	PS072925	HP Acquire Method	HP Processing Method ps072925 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	PB169037BL	PS031294.D	30 Jul 2025 00:09	AR\AJ	Ok
23	PB169037BS	PS031295.D	30 Jul 2025 00:33	AR\AJ	Ok
24	PB168986TB	PS031296.D	30 Jul 2025 00:57	AR\AJ	Ok
25	Q2681-01	PS031297.D	30 Jul 2025 01:20	AR\AJ	Ok
26	Q2681-01MS	PS031298.D	30 Jul 2025 01:44	AR\AJ	Ok,M
27	Q2681-01MSD	PS031299.D	30 Jul 2025 02:09	AR\AJ	Ok,M
28	I.BLK	PS031300.D	30 Jul 2025 02:33	AR\AJ	Ok
29	HSTDCCC750	PS031301.D	30 Jul 2025 02:57	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS073125

Review By	Review On
Supervise By	Supervise On
SubDirectory PS073125	HP Acquire Method HP Processing Method ps072925 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	PS031331.D	31 Jul 2025 08:36	AR\AJ	Ok
2	I.BLK	PS031332.D	31 Jul 2025 09:00	AR\AJ	Ok
3	HSTDCCC750	PS031333.D	31 Jul 2025 10:45	AR\AJ	Ok,NR
4	Q2639-05	PS031334.D	31 Jul 2025 11:12	AR\AJ	Ok,NR
5	I.BLK	PS031335.D	31 Jul 2025 11:36	AR\AJ	Ok
6	HSTDCCC750	PS031336.D	31 Jul 2025 12:00	AR\AJ	Ok,NR
7	Q2646-03	PS031337.D	31 Jul 2025 13:39	AR\AJ	Ok
8	I.BLK	PS031338.D	31 Jul 2025 15:19	AR\AJ	Ok
9	HSTDCCC750	PS031339.D	31 Jul 2025 15:43	AR\AJ	Ok,NR

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072125

Review By	Abdul	Review On	7/22/2025 7:57:36 AM
Supervise By	mohammad	Supervise On	7/23/2025 1:33:13 AM
SubDirectory	PS072125	HP Acquire Method	HP Processing Method ps072125 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	PS031155.D	21 Jul 2025 14:14		AR\AJ	Ok
2	I.BLK	I.BLK	PS031156.D	21 Jul 2025 14:38		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS031157.D	21 Jul 2025 15:02		AR\AJ	Ok
4	HSTDICC500	HSTDICC500	PS031158.D	21 Jul 2025 15:26		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS031159.D	21 Jul 2025 15:51		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031160.D	21 Jul 2025 16:15		AR\AJ	Ok
7	HSTDICC1500	HSTDICC1500	PS031161.D	21 Jul 2025 16:39		AR\AJ	Ok
8	HSTDICV750	ICVPS072125	PS031162.D	21 Jul 2025 17:03		AR\AJ	Ok
9	I.BLK	I.BLK	PS031163.D	21 Jul 2025 17:27		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS031164.D	21 Jul 2025 17:51		AR\AJ	Ok
11	Q2529-10	TP-30	PS031165.D	21 Jul 2025 18:15	already analyzed	AR\AJ	Not Ok
12	Q2529-10MS	TP-30MS	PS031166.D	21 Jul 2025 18:40	some compound recovery fail ,already analyzed	AR\AJ	Not Ok
13	Q2529-10MSD	TP-30MSD	PS031167.D	21 Jul 2025 19:04	some compound recovery fail ,RPD fail,already analyzed	AR\AJ	Not Ok
14	PB168886BS	PB168886BS	PS031168.D	21 Jul 2025 19:28		AR\AJ	Ok
15	I.BLK	I.BLK	PS031169.D	21 Jul 2025 19:52		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS031170.D	21 Jul 2025 20:16		AR\AJ	Ok

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 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	PS031220.D	24 Jul 2025 10:10		AR\AJ	Ok
2	I.BLK	I.BLK	PS031221.D	24 Jul 2025 10:35		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031222.D	24 Jul 2025 12:03		AR\AJ	Ok,M
4	Q2638-11	OU4-TS-36-071725	PS031223.D	24 Jul 2025 13:44		AR\AJ	Ok
5	Q2638-11MS	OU4-TS-36-071725MS	PS031224.D	24 Jul 2025 14:08		AR\AJ	Ok,M
6	Q2638-11MSD	OU4-TS-36-071725MS	PS031225.D	24 Jul 2025 14:38		AR\AJ	Ok,M
7	Q2558-01MS	OU4-TS-Denali-070925	PS031226.D	24 Jul 2025 15:02		AR\AJ	Ok,M
8	Q2558-01MSD	OU4-TS-Denali-070925	PS031227.D	24 Jul 2025 15:26		AR\AJ	Ok,M
9	Q2638-13	OU4-TS-37-071725	PS031228.D	24 Jul 2025 15:50		AR\AJ	Ok,M
10	Q2638-05	OU4-TS-33-071725	PS031229.D	24 Jul 2025 16:14		AR\AJ	Ok
11	Q2638-07	OU4-TS-34-071725	PS031230.D	24 Jul 2025 16:39		AR\AJ	Ok
12	Q2641-02	P001-CONCRETE001-	PS031231.D	24 Jul 2025 17:03		AR\AJ	Ok
13	I.BLK	I.BLK	PS031232.D	24 Jul 2025 17:27		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS031233.D	24 Jul 2025 18:39		AR\AJ	Ok,M
15	Q2641-02MS	P001-CONCRETE001-	PS031234.D	24 Jul 2025 19:04		AR\AJ	Ok,M
16	Q2641-02MSD	P001-CONCRETE001-	PS031235.D	24 Jul 2025 19:28		AR\AJ	Ok,M
17	PB169001BL	PB169001BL	PS031236.D	24 Jul 2025 19:52		AR\AJ	Ok
18	PB169001BS	PB169001BS	PS031237.D	24 Jul 2025 20:16		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 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	PB168919TB	PB168919TB	PS031238.D	24 Jul 2025 20:40		AR\AJ	Ok
20	PB168926TB	PB168926TB	PS031239.D	24 Jul 2025 21:04		AR\AJ	Ok
21	PB168953TB	PB168953TB	PS031240.D	24 Jul 2025 21:29		AR\AJ	Ok
22	PB168969TB	PB168969TB	PS031241.D	24 Jul 2025 21:53		AR\AJ	Ok
23	I.BLK	I.BLK	PS031242.D	24 Jul 2025 22:17		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS031243.D	24 Jul 2025 23:29		AR\AJ	Ok,M
25	Q2481-12	CC0627-AL	PS031244.D	24 Jul 2025 23:53	bad injection	AR\AJ	Not Ok
26	Q2481-15	CC0627-AOXL	PS031245.D	25 Jul 2025 00:17		AR\AJ	Ok,M
27	Q2667-01	C0AP2	PS031246.D	25 Jul 2025 00:41		AR\AJ	Ok
28	Q2667-02	C0AP3	PS031247.D	25 Jul 2025 01:05		AR\AJ	Ok
29	Q2481-19	CC0627-CLOXAL	PS031248.D	25 Jul 2025 01:29	f falg,	AR\AJ	Ok
30	Q2481-21	CC0627-SFBL	PS031249.D	25 Jul 2025 01:53		AR\AJ	Ok
31	Q2446-03	MR-BUR-LNG-13	PS031250.D	25 Jul 2025 02:18	bad injection, TYPO	AR\AJ	Not Ok
32	I.BLK	I.BLK	PS031251.D	25 Jul 2025 02:42		AR\AJ	Ok
33	HSTDCCC750	HSTDCCC750	PS031252.D	25 Jul 2025 03:54		AR\AJ	Ok,M
34	Q2481-13	CC0627-CLOXPL	PS031253.D	25 Jul 2025 04:18	Surrogate fail in 1st col.END CCC FAIL	AR\AJ	Ok
35	Q2481-14	CC0625-0XBL	PS031254.D	25 Jul 2025 04:43	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok
36	Q2481-16	CC0625-NL	PS031255.D	25 Jul 2025 05:07	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072425

Review By	yogesh	Review On	7/25/2025 8:15:19 AM
Supervise By	mohammad	Supervise On	7/26/2025 3:49:45 AM
SubDirectory	PS072425	HP Acquire Method	HP Processing Method ps072125 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

37	Q2481-17	CC0267-OXPL	PS031256.D	25 Jul 2025 05:31	Surrogate fail, END CCC FAIL, F flag	AR\AJ	Ok
38	Q2481-18	CC0627-OXL	PS031257.D	25 Jul 2025 05:55	bad injection, surrogate not detected	AR\AJ	Not Ok
39	Q2481-20	CC0627-BL	PS031258.D	25 Jul 2025 06:19	Surrogate fail 2nd col, END CCC FAIL, F flag	AR\AJ	Ok
40	I.BLK	I.BLK	PS031259.D	25 Jul 2025 06:43	Surrogate low in both column, bad injection	AR\AJ	Ok
41	HSTDCCC750	HSTDCCC750	PS031260.D	25 Jul 2025 07:07	most of compounds are fail	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM
SubDirectory	PS072925	HP Acquire Method	HP Processing Method ps072925 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	PS031273.D	29 Jul 2025 15:42		AR\AJ	Ok
2	I.BLK	I.BLK	PS031274.D	29 Jul 2025 16:06		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS031275.D	29 Jul 2025 16:30		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS031276.D	29 Jul 2025 16:54		AR\AJ	Ok
5	HSTDICC750	HSTDICC750	PS031277.D	29 Jul 2025 17:18		AR\AJ	Ok
6	HSTDICC1000	HSTDICC1000	PS031278.D	29 Jul 2025 17:42		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS031279.D	29 Jul 2025 18:07		AR\AJ	Ok,M
8	HSTDICV750	ICVPS072925	PS031280.D	29 Jul 2025 18:31		AR\AJ	Ok
9	I.BLK	I.BLK	PS031281.D	29 Jul 2025 18:55		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS031282.D	29 Jul 2025 19:19		AR\AJ	Ok,M
11	Q2668-01	TP-2	PS031283.D	29 Jul 2025 19:43		AR\AJ	Ok
12	Q2668-05	TP-3	PS031284.D	29 Jul 2025 20:07		AR\AJ	Ok
13	Q2668-09	TP-1	PS031285.D	29 Jul 2025 20:32		AR\AJ	Ok
14	PB169024BL	PB169024BL	PS031286.D	29 Jul 2025 20:56		AR\AJ	Ok
15	PB169024BS	PB169024BS	PS031287.D	29 Jul 2025 21:20		AR\AJ	Ok,M
16	Q2668-09MS	TP-1MS	PS031288.D	29 Jul 2025 21:44	Some compound recovery fail	AR\AJ	Ok,M
17	Q2668-09MSD	TP-1MSD	PS031289.D	29 Jul 2025 22:08	Some compound recovery fail	AR\AJ	Ok,M
18	Q2691-01	295	PS031290.D	29 Jul 2025 22:32	surrogate fail in both column	AR\AJ	Not Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS072925

Review By	Abdul	Review On	7/30/2025 8:35:13 AM
Supervise By	mohammad	Supervise On	7/31/2025 1:17:44 AM
SubDirectory	PS072925	HP Acquire Method	HP Processing Method ps072925 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	Q2691-07	299	PS031291.D	29 Jul 2025 22:57	Surrogate fail in 1st col	AR\AJ	ReRun
20	I.BLK	I.BLK	PS031292.D	29 Jul 2025 23:21		AR\AJ	Ok
21	HSTDCCC750	HSTDCCC750	PS031293.D	29 Jul 2025 23:45		AR\AJ	Ok,M
22	PB169037BL	PB169037BL	PS031294.D	30 Jul 2025 00:09		AR\AJ	Ok
23	PB169037BS	PB169037BS	PS031295.D	30 Jul 2025 00:33		AR\AJ	Ok
24	PB168986TB	PB168986TB	PS031296.D	30 Jul 2025 00:57		AR\AJ	Ok
25	Q2681-01	NYPA-POUCH-SPENT	PS031297.D	30 Jul 2025 01:20		AR\AJ	Ok
26	Q2681-01MS	NYPA-POUCH-SPENT	PS031298.D	30 Jul 2025 01:44	Recovery fail	AR\AJ	Ok,M
27	Q2681-01MSD	NYPA-POUCH-SPENT	PS031299.D	30 Jul 2025 02:09	Recovery fail	AR\AJ	Ok,M
28	I.BLK	I.BLK	PS031300.D	30 Jul 2025 02:33		AR\AJ	Ok
29	HSTDCCC750	HSTDCCC750	PS031301.D	30 Jul 2025 02:57		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS073125

Review By	Review On
Supervise By	Supervise On
SubDirectory	PS073125
HP Acquire Method	HP Processing Method
	ps072925 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	PS031331.D	31 Jul 2025 08:36		AR\AJ	Ok
2	I.BLK	I.BLK	PS031332.D	31 Jul 2025 09:00		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS031333.D	31 Jul 2025 10:45		AR\AJ	Ok,NR
4	Q2639-05	OU4-TS-40-071725	PS031334.D	31 Jul 2025 11:12		AR\AJ	Ok,NR
5	I.BLK	I.BLK	PS031335.D	31 Jul 2025 11:36		AR\AJ	Ok
6	HSTDCCC750	HSTDCCC750	PS031336.D	31 Jul 2025 12:00		AR\AJ	Ok,NR
7	Q2646-03	FRAC TANK	PS031337.D	31 Jul 2025 13:39		AR\AJ	Ok
8	I.BLK	I.BLK	PS031338.D	31 Jul 2025 15:19		AR\AJ	Ok
9	HSTDCCC750	HSTDCCC750	PS031339.D	31 Jul 2025 15:43		AR\AJ	Ok,NR

M : Manual Integration

SOP ID :	M1311-TCLP-16		
SDG No :	N/A	Start Prep Date :	N/A Time : N/A
Weigh By :	N/A	End Prep Date :	N/A Time : N/A
Balance ID :	N/A	Combination Ratio :	N/A
pH Meter ID :	WC PH METER-1	ZHE Cleaning Batch :	N/A
Extraction By :	JP	Initial Room Temperature:	N/A
Filter By :	JP	Final Room Temperature:	N/A
Pipette ID :	N/A	TCLP Technician Signature :	JP
Tumbler ID :	N/A	Supervisor By :	12
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
N/A	N/A	N/A
N/A	N/A	N/A
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. q2646-03 is used for MS-MSD.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/21/25 11:30	JP 1st Room	SPS. RJ / EAT
	Preparation Group	Analysis Group 1st Room

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
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

SampleID	ClientID	Sample Weight (g)	Filter Weight (g)	Filtrate (mL)	Filter + Solid (After 100°C)	% solids	% Dry Solids
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	<0.5	N/A

WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip q q2646

WorkList ID : 190828

Department : TCLP Extraction

Date : 07-18-2025 15:02:00

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2646-03	FRAC TANK	Water	TCLP Extraction	Cool 4 deg C	ENV/60	O11	07/18/2025	1311

Date/Time 07/18/25 15:10

Raw Sample Received by: SA GORDON

Raw Sample Relinquished by: SA GORDON

Date/Time 07/18/25 18:00

Raw Sample Received by: SA GORDON

Raw Sample Relinquished by: SA GORDON

SOP ID: M8151A-Herbicide-23

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,7

Extraction Start Date : 07/23/2025

Extraction Start Time : 11:45

Extraction End Date : 07/24/2025

Extraction End Time : 12:10

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24654
Surrogate	1.0ML	5000 PPB	PP24737
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	E3952
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	E3956
METHANOL	N/A	V14622
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 # 03-40BTS721.Q2481 all samples used Limited volume as samples are not regular environmental samples its chemical treated samples.

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
7/24/25	RS (Ext Lab)	R. Post/PCB Lab
12:15	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-23

Concentration Date: 07/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168919TB	PB168919TB	TCLP Herbicide	100	6	RUPESEH	ritesh	10			SEP-1
PB168926TB	PB168926TB	TCLP Herbicide	100	6	RUPESEH	ritesh	10			2
PB168953TB	PB168953TB	TCLP Herbicide	100	6	RUPESEH	ritesh	10			3
PB168969TB	PB168969TB	TCLP Herbicide	100	6	RUPESEH	ritesh	10			4
PB169001BL	HBLK001	TCLP Herbicide	1000	6	RUPESEH	ritesh	10			5
PB169001BS	HLC5001	TCLP Herbicide	1000	6	RUPESEH	ritesh	10			6
Q2481-12	CC0627-AL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	7
Q2481-13	CC0627-CLOXPL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	8
Q2481-14	CC0625-0XBL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	9
Q2481-15	CC0627-AOXL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	10
Q2481-16	CC0625-NL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	11
Q2481-17	CC0267-0XPL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	12
Q2481-18	CC0627-0XL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	13
Q2481-19	CC0627-CLOXAL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	14
Q2481-20	CC0627-BL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	15
Q2481-21	CC0627-SFBL	TCLP Herbicide	10	6	RUPESEH	ritesh	10	A	Chemical Treated	16
Q2641-02	P001-CONCRETE001-01	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		SEP-1
Q2641-02MS	P001-CONCRETE001-01M S	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		2
Q2641-02MS D	P001-CONCRETE001-01M SD	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		3
Q2646-03	FRAC TANK	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		4
Q2667-01	COAP2	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		5
Q2667-02	COAP3	TCLP Herbicide	100	6	RUPESEH	ritesh	10	A		6

* 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
PB168969TB	LEB969	N/A	N/A	N/A	N/A	N/A	N/A	4.94	N/A	N/A
Q2481-12	CC0627-AL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-13	CC0627-CLOXPL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-14	CC0625-OXBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-15	CC0627-AOXL	N/A	N/A	N/A	N/A	N/A	N/A	1.5	N/A	N/A
Q2481-16	CC0625-NL	N/A	N/A	N/A	N/A	N/A	N/A	10.0	N/A	N/A
Q2481-17	CC0267-OXPL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-18	CC0627-OXL	N/A	N/A	N/A	N/A	N/A	N/A	6.0	N/A	N/A
Q2481-19	CC0627-CLOXAL	N/A	N/A	N/A	N/A	N/A	N/A	5.0	N/A	N/A
Q2481-20	CC0627-BL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A
Q2481-21	CC0627-SFBL	N/A	N/A	N/A	N/A	N/A	N/A	14.0	N/A	N/A

07/13/15
11:00

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168953TB	LEB953	11	N/A	2000	N/A	N/A	N/A	4.94	1.0	T-2
Q2655-02	SOIL	01	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2660-02	MOO-25-0205	02	100.02	2000	N/A	N/A	N/A	4.0	1.0	T-1
Q2660-04	MOO-25-0218	03	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2667-01	C0AP2	04	100.01	2000	N/A	N/A	N/A	6.0	1.0	T-1
Q2667-02	C0AP3	05	100.02	2000	N/A	N/A	N/A	5.0	1.5	T-1
Q2668-04	TP-2	06	100.03	2000	N/A	N/A	N/A	5.8	1.0	T-1
Q2668-08	TP-3	07	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2668-12	TP-1	08	100.03	2000	N/A	N/A	N/A	6.2	1.0	T-1
Q2672-02	AUD-25-0123-0127	09	100.02	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2672-04	AUD-25-0128-0132	10	100.03	2000	N/A	N/A	N/A	7.0	1.5	T-1

04/23/23
11:00

Sample ID	ClientID	TCLP Vessel ID	Sample Wt (g)	Volume Extraction Fluid #1 (mL)	Multi phasic	Phase Miscible	Phases Combined	Final Leachate PH	Metals Leachate Adj. PH	Prep Pos
PB168926TB	LEB926	N/A	N/A	N/A	N/A	N/A	N/A	4.93	1.5	N/A
Q2646-03	FRAC TANK	N/A	N/A	N/A	N/A	N/A	N/A	4.5	1.0	N/A

07/21/25
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
PB168919TB	LEB919	10	N/A	2000	N/A	N/A	N/A	4.93	1.0	T-1
Q2622-04	2819	01	100.01	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2641-02	P001-CONCRETE001-01	02	100.02	2000	N/A	N/A	N/A	11.5	1.5	T-1
Q2645-03	RW5B-CARBON-20250716	03	100.03	2000	N/A	N/A	N/A	3.0	1.5	T-1
Q2649-04	WC-1	04	100.02	2000	N/A	N/A	N/A	5.5	1.0	T-1
Q2649-08	WC-2	05	100.03	2000	N/A	N/A	N/A	7.2	1.5	T-1
Q2649-12	WC-3	06	100.04	2000	N/A	N/A	N/A	7.0	1.0	T-1
Q2649-16	WC-4	07	100.02	2000	N/A	N/A	N/A	3.5	1.5	T-1
Q2649-20	WC-5	08	100.02	2000	N/A	N/A	N/A	3.5	1.0	T-1
Q2649-24	WC-6	09	100.03	2000	N/A	N/A	N/A	4.0	1.5	T-1

07/24/25
11:30



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: ENVIRONMENTAL RESTORATION

ADDRESS: 627 COURT ST

CITY BINGHAMTON STATE NY ZIP 13901

ATTENTION: STEVE MOTTA

PHONE: 3146037026

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: GREENTOPIA

PROJECT NO. 4217 LOCATION: N. ARLINGTON

PROJECT MANAGER: STEVE MOTTA

e-mail: S.MOTTA@ERLLC.COM

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#: 62217

ADDRESS: 627 COURT ST

CITY BINGHAMTON STATE NY ZIP: 13901

ATTENTION: STEVE PHONE: 3146037026

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS*

HARDCOPY (DATA PACKAGE): DAYS*

EDD: 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

TOX
TALP, HERB, PEST BUD
BTU
FLASHPOINT
PCB
PH/TSS/EXT
VOC-TALPUDA
TALPUDA
METALC/MERC

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1. 1	FRACTANK	LIQ		X	7/18	0930	1	✓									H2SO4
2. 2	FRACTANK			X			2		✓								
3. 3	FRACTANK			X			1			✓							
4. 4	FRACTANK			X			1				✓						
5. 5	FRACTANK			X			1					✓					
6. 6	FRACTANK			X			1						✓				
7. 8	FRACTANK			X			2							✓			HCL
8. 9	FRACTANK			X			2								✓		
9. 10	FRACTANK			X			1									✓	
10.				X													

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

RELINQUISHED BY SAMPLER:	DATE/TIME: 7/18/18	RECEIVED BY: [Signature]	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.7 °C
1. STEVE MOTTA	7/18	7-18-25	Comments:
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
2.			
RELINQUISHED BY SAMPLER:	DATE/TIME: 7-18-25	RECEIVED BY:	
3.			

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 : Q2646	ENVI60	Order Date : 7/18/2025 11:47:00 AM	Project Mgr :
Client Name : Environmental Restoration,		Project Name : North Arlington, NJ	Report Type : NJ Reduced
Client Contact : Steve Motta		Receive DateTime : 7/18/2025 2:00:00 PM 12:20:00	EDD Type : Excel NJ
Invoice Name : Environmental Restoration,		Purchase Order :	Hard Copy Date :
Invoice Contact : Steve Motta			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2646-01	FRAC TANK	Water	07/18/2025	09:30	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By :

Date / Time :

[Signature]
7-18-25 1300

Received By :

Date / Time :

[Signature]
07/18/25 13:00 Pg # 5

Storage Area : VOA Refridgerator Room