

Cover Page

Order ID : Q2032

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number

Q2032-01
Q2032-02
Q2032-03
Q2032-04
Q2032-05
Q2032-06
Q2032-07
Q2032-08
Q2032-09
Q2032-11
Q2032-12

Client Sample Number

TP-11
TP-29
TP-29-99
TP-24
Q2032-04MS
Q2032-04MSD
TP-37
TP-32
COMP-1
FB-05132025
TB

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: 5/21/2025

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 #: Q2032

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 Custody

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 05/21/2025

LAB CHRONICLE

OrderID:	Q2032	OrderDate:	5/13/2025 4:01:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2032-01	TP-11	SOIL			05/13/25			05/13/25
			Gasoline Range Organics	8015D			05/16/25	
			Herbicide	8151A		05/16/25	05/19/25	
			PCB	8082A		05/16/25	05/16/25	
			Pesticide-TCL	8081B		05/16/25	05/16/25	
Q2032-02	TP-29	SOIL			05/13/25			05/13/25
			Gasoline Range Organics	8015D			05/15/25	
			Herbicide	8151A		05/16/25	05/19/25	
			PCB	8082A		05/16/25	05/16/25	
			Pesticide-TCL	8081B		05/16/25	05/16/25	
Q2032-03	TP-29-99	SOIL			05/13/25			05/13/25
			Gasoline Range Organics	8015D			05/16/25	
			Herbicide	8151A		05/16/25	05/19/25	
			PCB	8082A		05/16/25	05/16/25	
			Pesticide-TCL	8081B		05/16/25	05/16/25	
Q2032-04	TP-24	SOIL			05/13/25			05/13/25
			Gasoline Range Organics	8015D			05/15/25	
			Herbicide	8151A		05/16/25	05/19/25	
			PCB	8082A		05/16/25	05/16/25	
			Pesticide-TCL	8081B		05/16/25	05/16/25	
Q2032-07	TP-37	SOIL			05/13/25			05/13/25
			Gasoline Range Organics	8015D			05/16/25	
			Herbicide	8151A		05/16/25	05/19/25	
			PCB	8082A		05/16/25	05/16/25	
			Pesticide-TCL	8081B		05/16/25	05/16/25	
Q2032-08	TP-32	SOIL			05/13/25			05/13/25
			Gasoline Range Organics	8015D			05/16/25	

LAB CHRONICLE

Q2032-09	COMP-1	TCLP	Herbicide	8151A	05/16/25	05/19/25	05/13/25
			PCB	8082A	05/16/25	05/16/25	
			Pesticide-TCL	8081B	05/16/25	05/16/25	
			TCLP Herbicide	8151A	05/19/25	05/20/25	
Q2032-11	FB-05132025	Water	Diesel Range Organics	8015D	05/16/25	05/19/25	05/13/25
			Gasoline Range Organics	8015D		05/14/25	
			Herbicide	8151A	05/14/25	05/15/25	
			PCB	8082A	05/14/25	05/15/25	
			Pesticide-TCL	8081B	05/14/25	05/14/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q2032

Order ID: Q2032

Client: CDM Smith

Project ID: South River WM Replacement

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.: Q2032

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS030124.D	PIBLK-PS030124.D	2,4-DCAA	1	500	419	84		39	175
		2,4-DCAA	2	500	418	84		39	175
I.BLK-PS030201.D	PIBLK-PS030201.D	2,4-DCAA	1	500	485	97		39	175
		2,4-DCAA	2	500	493	99		39	175
PB168003BL	PB168003BL	2,4-DCAA	1	500	478	96		39	175
		2,4-DCAA	2	500	454	91		39	175
PB168003BS	PB168003BS	2,4-DCAA	1	500	520	104		39	175
		2,4-DCAA	2	500	517	103		39	175
PB168003BSD	PB168003BSD	2,4-DCAA	1	500	507	101		39	175
		2,4-DCAA	2	500	502	100		39	175
Q2032-11	FB-05132025	2,4-DCAA	1	500	445	89		39	175
		2,4-DCAA	2	500	424	85		39	175
I.BLK-PS030213.D	PIBLK-PS030213.D	2,4-DCAA	1	500	487	97		39	175
		2,4-DCAA	2	500	495	99		39	175
I.BLK-PS030258.D	PIBLK-PS030258.D	2,4-DCAA	1	500	461	92		39	175
		2,4-DCAA	2	500	447	89		39	175
PB168030BL	PB168030BL	2,4-DCAA	1	500	424	85		10	141
		2,4-DCAA	2	500	384	77		10	141
PB168030BS	PB168030BS	2,4-DCAA	1	500	548	110		10	141
		2,4-DCAA	2	500	524	105		10	141
I.BLK-PS030263.D	PIBLK-PS030263.D	2,4-DCAA	1	500	461	92		39	175
		2,4-DCAA	2	500	453	91		39	175
I.BLK-PS030275.D	PIBLK-PS030275.D	2,4-DCAA	1	500	471	94		39	175
		2,4-DCAA	2	500	469	94		39	175
Q2032-01	TP-11	2,4-DCAA	1	500	307	61		10	141
		2,4-DCAA	2	500	287	57		10	141
Q2032-02	TP-29	2,4-DCAA	1	500	364	73		10	141
		2,4-DCAA	2	500	355	71		10	141
Q2032-03	TP-29-99	2,4-DCAA	1	500	316	63		10	141
		2,4-DCAA	2	500	310	62		10	141
Q2032-04	TP-24	2,4-DCAA	1	500	345	69		10	141
		2,4-DCAA	2	500	323	65		10	141
Q2032-05MS	TP-24MS	2,4-DCAA	1	500	327	65		10	141
		2,4-DCAA	2	500	316	63		10	141
Q2032-06MSD	TP-24MSD	2,4-DCAA	1	500	328	66		10	141
		2,4-DCAA	2	500	317	63		10	141
I.BLK-PS030287.D	PIBLK-PS030287.D	2,4-DCAA	1	500	463	93		39	175
		2,4-DCAA	2	500	462	92		39	175
Q2032-07	TP-37	2,4-DCAA	1	500	328	66		10	141
		2,4-DCAA	2	500	311	62		10	141
Q2032-08	TP-32	2,4-DCAA	1	500	290	58		10	141

Surrogate Summary

SDG No.: Q2032

Client: CDM Smith

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
Q2032-08	TP-32	2,4-DCAA	2	500	281	56		10	141
I.BLK-PS030299.D	PIBLK-PS030299.D	2,4-DCAA	1	500	469	94		39	175
		2,4-DCAA	2	500	463	93		39	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2032</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS030285.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2032-05MS (Column 1)	TP-24MS											
	DICAMBA	224.5	0	144	ug/Kg	64				10	112	
	DICHLORPROP	224.5	0	151	ug/Kg	67				10	113	
	2,4-D	224.5	0	170	ug/Kg	76				10	144	
	2,4,5-TP(Silvex)	224.5	0	149	ug/Kg	66				10	114	
	2,4,5-T	224.5	0	149	ug/Kg	66				10	115	
	2,4-DB	224.5	0	140	ug/Kg	62				10	140	
Client Sample ID: Q2032-05MS (Column 2)	Dinoseb	224.5	0	23.7	ug/Kg	11				10	118	
	TP-24MS											
	DICAMBA	224.5	0	145	ug/Kg	65				10	112	
	DICHLORPROP	224.5	0	149	ug/Kg	66				10	113	
	2,4-D	224.5	0	170	ug/Kg	76				10	144	
	2,4,5-TP(Silvex)	224.5	0	156	ug/Kg	69				10	114	
	2,4,5-T	224.5	0	150	ug/Kg	67				10	115	
	2,4-DB	224.5	0	137	ug/Kg	61				10	140	
	Dinoseb	224.5	0	23.9	ug/Kg	11				10	118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2032</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS030286.D</u>

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q2032-06MSD (Column 1)	TP-24MSD											
	DICAMBA	224.5	0	143	ug/Kg	64		0		10	112	20
	DICHLORPROP	224.5	0	151	ug/Kg	67		0		10	113	20
	2,4-D	224.5	0	172	ug/Kg	77		1		10	144	20
	2,4,5-TP(Silvex)	224.5	0	150	ug/Kg	67		2		10	114	20
	2,4,5-T	224.5	0	150	ug/Kg	67		2		10	115	20
	2,4-DB	224.5	0	176	ug/Kg	78		23	*	10	140	20
Client Sample ID: Q2032-06MSD (Column 2)	Dinoseb	224.5	0	24.0	ug/Kg	11		0		10	118	20
	TP-24MSD											
	DICAMBA	224.5	0	145	ug/Kg	65		0		10	112	20
	DICHLORPROP	224.5	0	148	ug/Kg	66		0		10	113	20
	2,4-D	224.5	0	170	ug/Kg	76		1		10	144	20
	2,4,5-TP(Silvex)	224.5	0	156	ug/Kg	69		2		10	114	20
	2,4,5-T	224.5	0	150	ug/Kg	67		2		10	115	20
	2,4-DB	224.5	0	136	ug/Kg	61		23	*	10	140	20
	Dinoseb	224.5	0	24.1	ug/Kg	11		0		10	118	20

**SW-846**

Datafile : PS030209.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB168003BS (Column 1)	DICAMBA	5	4.90	ug/L	98				67	136	
	DICHLORPROP	5	4.80	ug/L	96				88	119	
	2,4-D	5	4.80	ug/L	96				83	130	
	2,4,5-TP(Silvex)	5	5.00	ug/L	100				78	127	
	2,4,5-T	5	5.00	ug/L	100				74	129	
	2,4-DB	5	5.10	ug/L	102				53	149	
	Dinoseb	5	4.80	ug/L	96				72	131	
PB168003BS (Column 2)	DICAMBA	5	4.80	ug/L	96				67	136	
	DICHLORPROP	5	4.80	ug/L	96				88	119	
	2,4-D	5	4.90	ug/L	98				83	130	
	2,4,5-TP(Silvex)	5	4.90	ug/L	98				78	127	
	2,4,5-T	5	4.90	ug/L	98				74	129	
	2,4-DB	5	4.40	ug/L	88				53	149	
	Dinoseb	5	4.70	ug/L	94				72	131	

**SW-846**

Datafile : PS030210.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB168003BSD (Column 1)	DICAMBA	5	4.80	ug/L	96	2			67	136	20
	DICHLORPROP	5	4.70	ug/L	94	2			88	119	20
	2,4-D	5	4.70	ug/L	94	2			83	130	20
	2,4,5-TP(Silvex)	5	4.90	ug/L	98	2			78	127	20
	2,4,5-T	5	4.90	ug/L	98	2			74	129	20
	2,4-DB	5	5.00	ug/L	100	2			53	149	20
	Dinoseb	5	4.70	ug/L	94	2			72	131	20
PB168003BSD (Column 2)	DICAMBA	5	4.70	ug/L	94	2			67	136	20
	DICHLORPROP	5	4.70	ug/L	94	2			88	119	20
	2,4-D	5	4.80	ug/L	96	2			83	130	20
	2,4,5-TP(Silvex)	5	4.80	ug/L	96	2			78	127	20
	2,4,5-T	5	4.80	ug/L	96	2			74	129	20
	2,4-DB	5	4.50	ug/L	90	2			53	149	20
	Dinoseb	5	4.60	ug/L	92	2			72	131	20

**SW-846**

Datafile : PS030261.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits	
								Qual	Low	High
PB168030BS (Column 1)	DICAMBA	166.5	172	ug/Kg	103				72	129
	DICHLORPROP	166.5	171	ug/Kg	103				77	135
	2,4-D	166.5	171	ug/Kg	103				65	144
	2,4,5-TP(Silvex)	166.5	176	ug/Kg	106				74	146
	2,4,5-T	166.5	176	ug/Kg	106				77	134
	2,4-DB	166.5	184	ug/Kg	111				72	122
	Dinoseb	166.5	171	ug/Kg	103				74	132
PB168030BS (Column 2)	DICAMBA	166.5	164	ug/Kg	98				72	129
	DICHLORPROP	166.5	165	ug/Kg	99				77	135
	2,4-D	166.5	167	ug/Kg	100				65	144
	2,4,5-TP(Silvex)	166.5	171	ug/Kg	103				74	146
	2,4,5-T	166.5	169	ug/Kg	102				77	134
	2,4-DB	166.5	147	ug/Kg	88				72	122
	Dinoseb	166.5	165	ug/Kg	99				74	132

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168003BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032

SAS No.: Q2032 SDG NO.: Q2032

Lab Sample ID: PB168003BL

Lab File ID: PS030208.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/14/2025

Date Analyzed (1): 05/15/2025

Date Analyzed (2): 05/15/2025

Time Analyzed (1): 01:06

Time Analyzed (2): 01:06

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
PB168003BS	PB168003BS	PS030209.D	05/15/2025	05/15/2025
PB168003BSD	PB168003BSD	PS030210.D	05/15/2025	05/15/2025
FB-05132025	Q2032-11	PS030212.D	05/15/2025	05/15/2025

COMMENTS: _____

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168030BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032

SAS No.: Q2032 SDG NO.: Q2032

Lab Sample ID: PB168030BL

Lab File ID: PS030260.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/16/2025

Date Analyzed (1): 05/19/2025

Date Analyzed (2): 05/19/2025

Time Analyzed (1): 10:12

Time Analyzed (2): 10:12

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
PB168030BS	PB168030BS	PS030261.D	05/19/2025	05/19/2025
TP-11	Q2032-01	PS030281.D	05/19/2025	05/19/2025
TP-29	Q2032-02	PS030282.D	05/19/2025	05/19/2025
TP-29-99	Q2032-03	PS030283.D	05/19/2025	05/19/2025
TP-24	Q2032-04	PS030284.D	05/19/2025	05/19/2025
TP-24MS	Q2032-05MS	PS030285.D	05/19/2025	05/19/2025
TP-24MSD	Q2032-06MSD	PS030286.D	05/19/2025	05/19/2025
TP-37	Q2032-07	PS030289.D	05/19/2025	05/19/2025
TP-32	Q2032-08	PS030290.D	05/19/2025	05/19/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-11	SDG No.:	Q2032
Lab Sample ID:	Q2032-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	76.3
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030281.D	1	05/16/25 08:20	05/19/25 18:37	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	10.1	U	10.1	87.6	ug/Kg
120-36-5	DICHLORPROP	16.7	U	16.7	87.6	ug/Kg
94-75-7	2,4-D	11.8	U	11.8	87.6	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.8	U	11.8	87.6	ug/Kg
93-76-5	2,4,5-T	11.4	U	11.4	87.6	ug/Kg
94-82-6	2,4-DB	31.6	U	31.6	87.6	ug/Kg
88-85-7	DINOSEB	14.1	U	14.1	87.6	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	307		10 - 141	61%	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\PS051925\
 Data File : PS030281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 18:37
 Operator : AR\AJ
 Sample : Q2032-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-11

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:43:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.932	7.450	875.4E6	229.5E6	307.395	286.794m
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Target Compounds

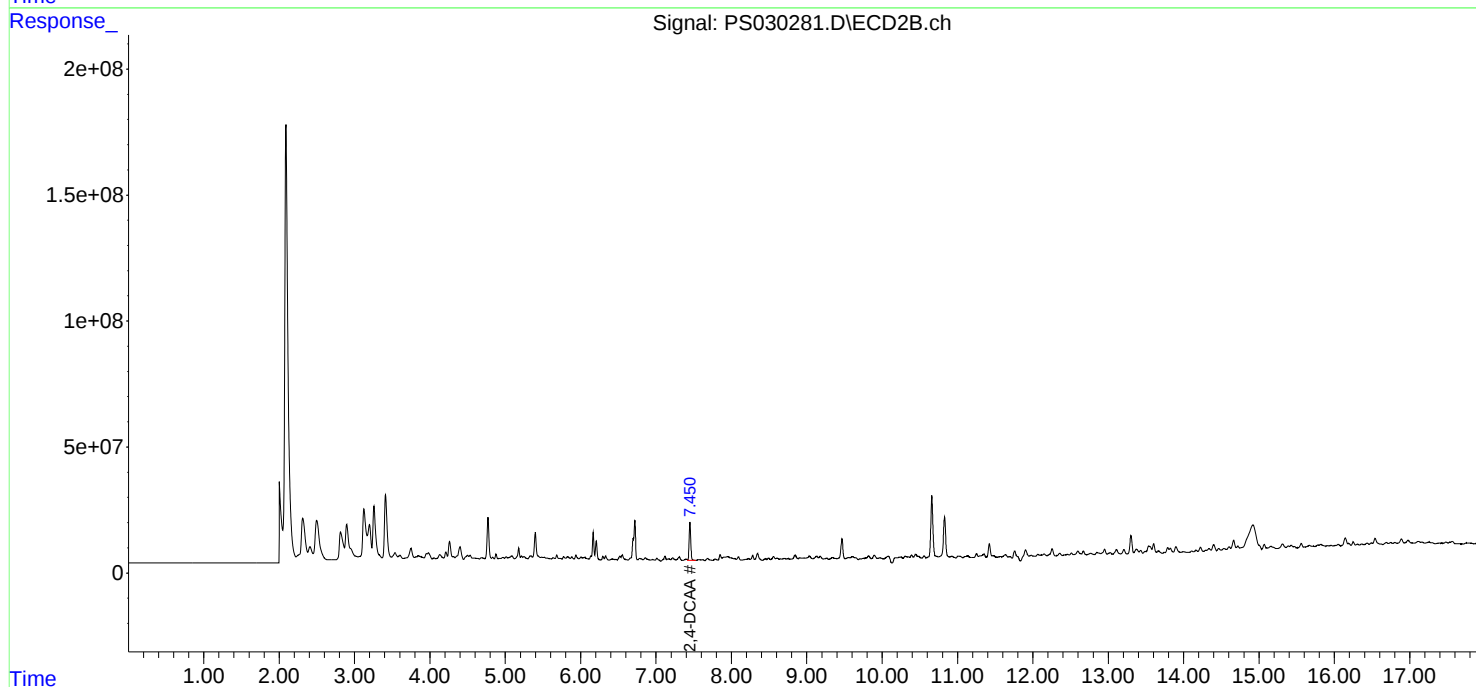
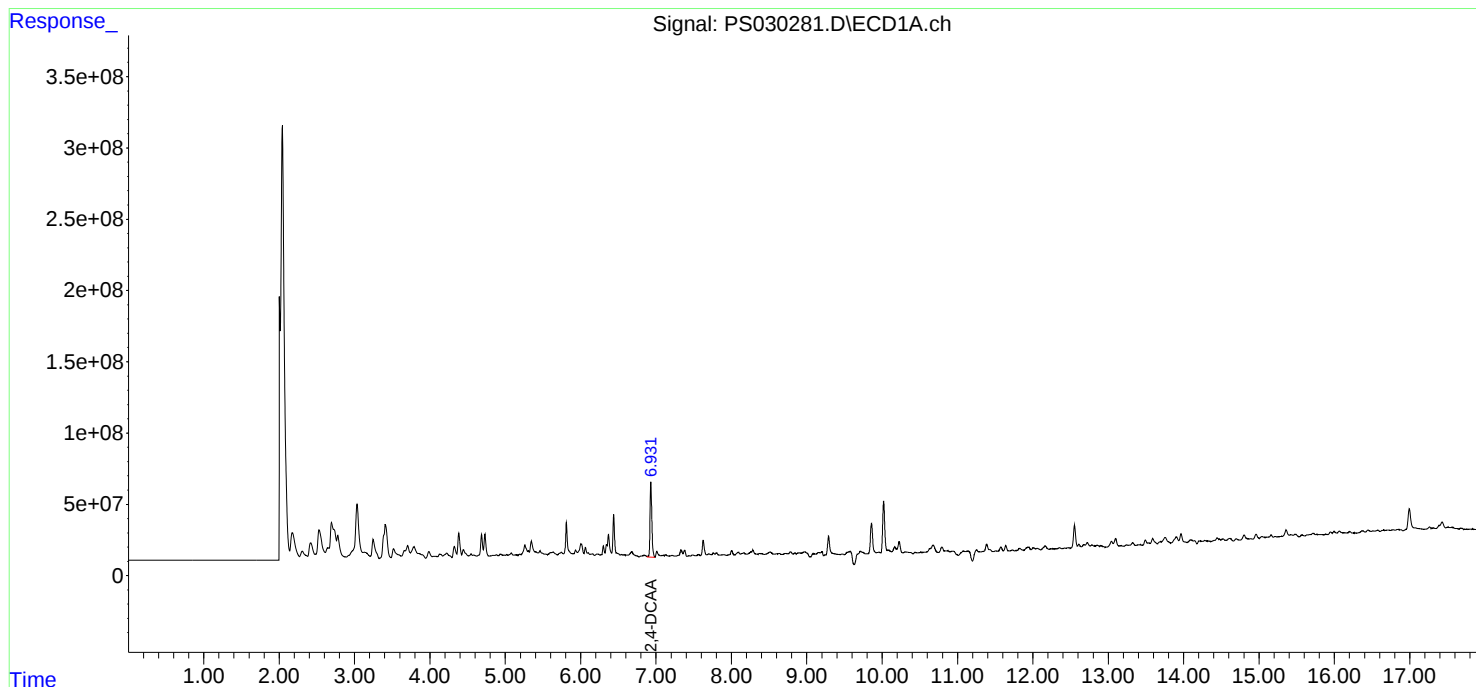
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

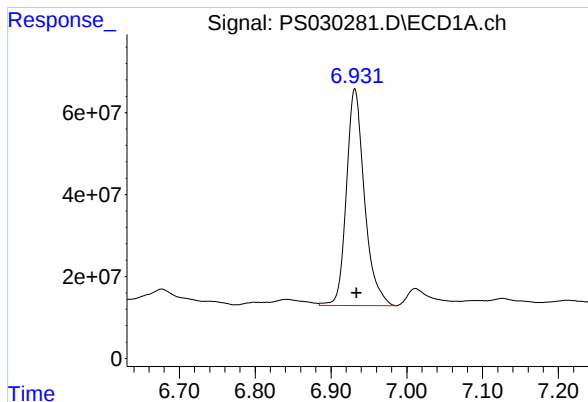
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 18:37
Operator : AR\AJ
Sample : Q2032-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-11

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:43:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.932 min

Delta R.T.: -0.002 min

Response: 875402470

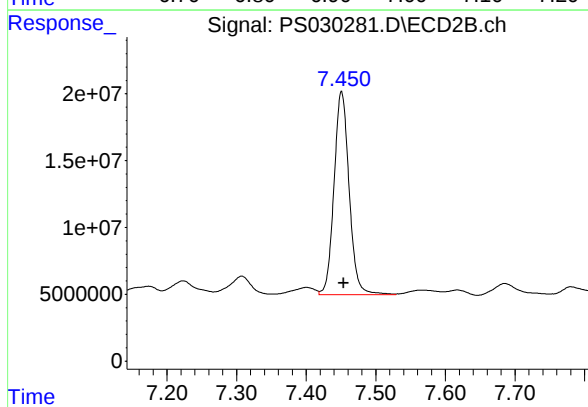
Conc: 307.40 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-11



#4 2,4-DCAA

R.T.: 7.450 min

Delta R.T.: -0.004 min

Response: 229493479

Conc: 286.79 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-29	SDG No.:	Q2032
Lab Sample ID:	Q2032-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030282.D	1	05/16/25 08:20	05/19/25 19:01	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.00	U	9.00	77.7	ug/Kg
120-36-5	DICHLORPROP	14.8	U	14.8	77.7	ug/Kg
94-75-7	2,4-D	10.5	U	10.5	77.7	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.5	U	10.5	77.7	ug/Kg
93-76-5	2,4,5-T	10.1	U	10.1	77.7	ug/Kg
94-82-6	2,4-DB	28.1	U	28.1	77.7	ug/Kg
88-85-7	DINOSEB	12.5	U	12.5	77.7	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	364		10 - 141	73%	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\PS051925\
 Data File : PS030282.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 19:01
 Operator : AR\AJ
 Sample : Q2032-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-29

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:43:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.931	7.450	1037.9E6	283.7E6	364.444	354.553m
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Target Compounds

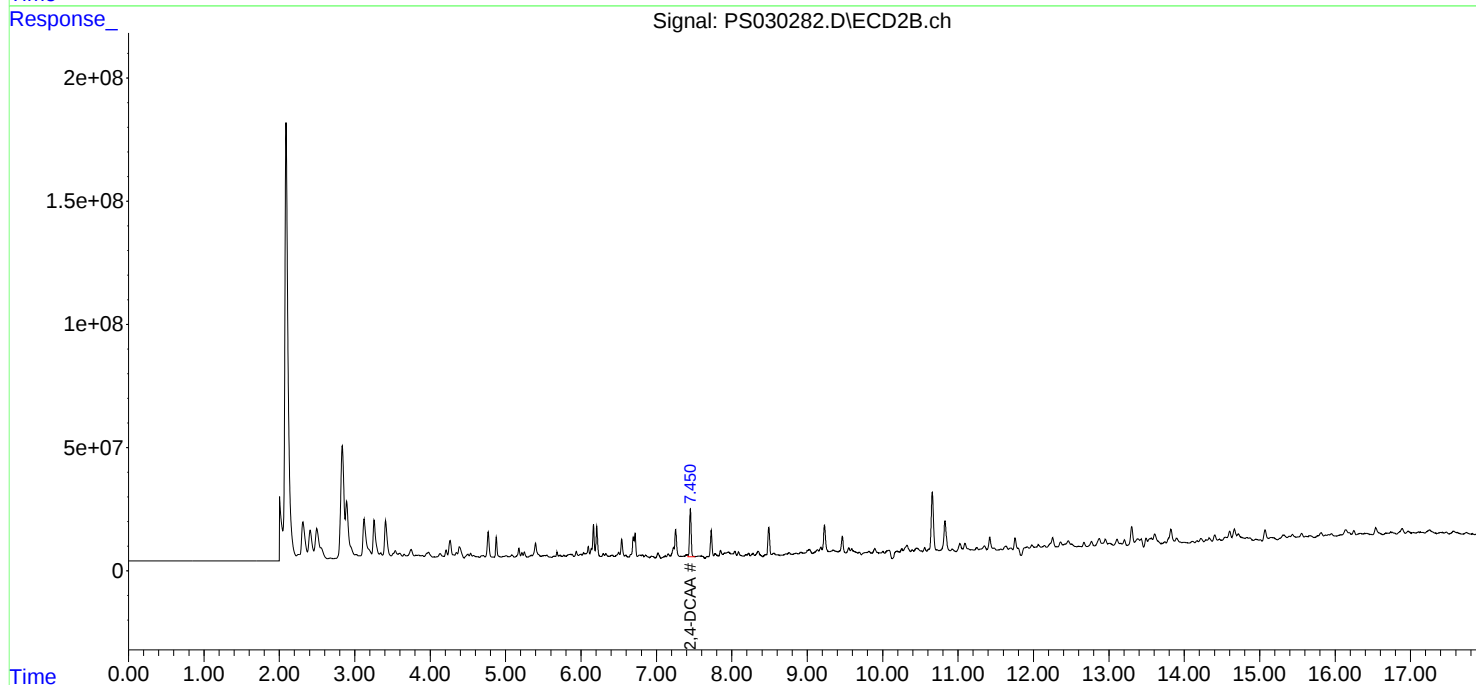
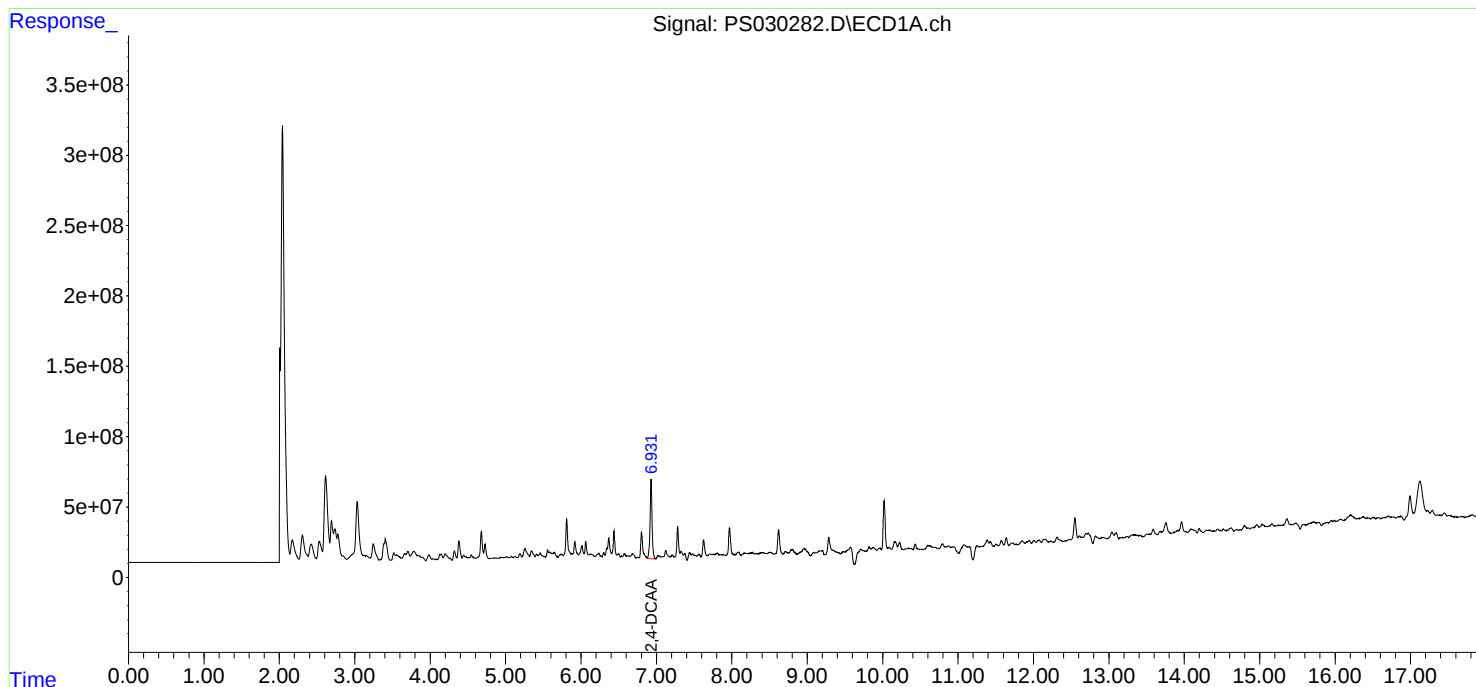
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

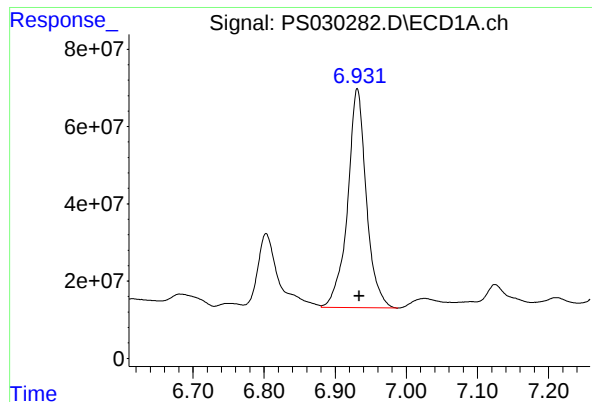
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 19:01
Operator : AR\AJ
Sample : Q2032-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-29

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:43:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.931 min

Delta R.T.: -0.002 min

Response: 1037865538

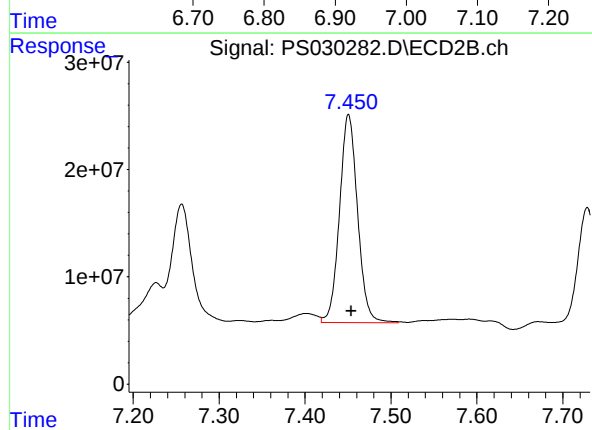
Conc: 364.44 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-29



#4 2,4-DCAA

R.T.: 7.450 min

Delta R.T.: -0.004 min

Response: 283714247

Conc: 354.55 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-29-99	SDG No.:	Q2032
Lab Sample ID:	Q2032-03	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030283.D	1	05/16/25 08:20	05/19/25 19:25	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.90	U	8.90	77.0	ug/Kg
120-36-5	DICHLORPROP	14.7	U	14.7	77.0	ug/Kg
94-75-7	2,4-D	10.4	U	10.4	77.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.4	U	10.4	77.0	ug/Kg
93-76-5	2,4,5-T	10.0	U	10.0	77.0	ug/Kg
94-82-6	2,4-DB	27.8	U	27.8	77.0	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	77.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	316		10 - 141	63%	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\PS051925\
Data File : PS030283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 19:25
Operator : AR\AJ
Sample : Q2032-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-29-99

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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	6.931	7.450	899.4E6	248.4E6	315.836	310.403m
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Target Compounds

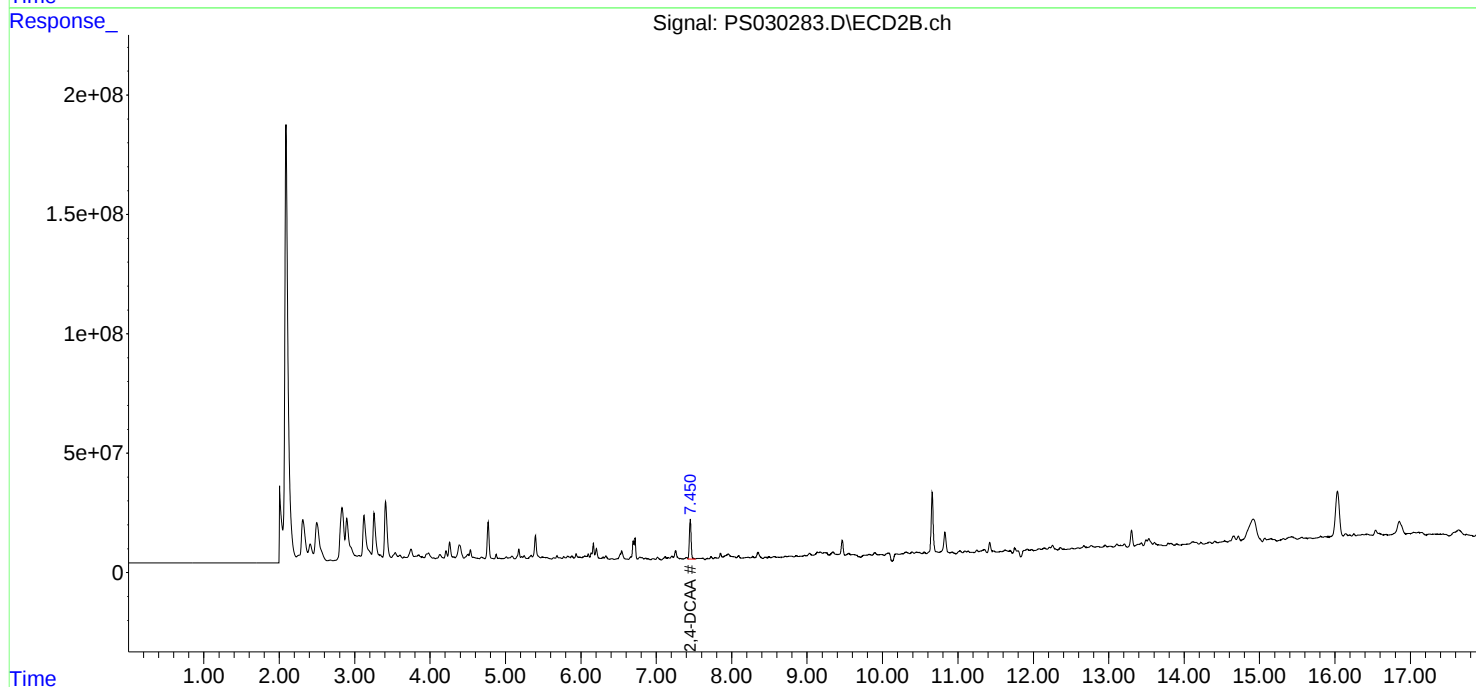
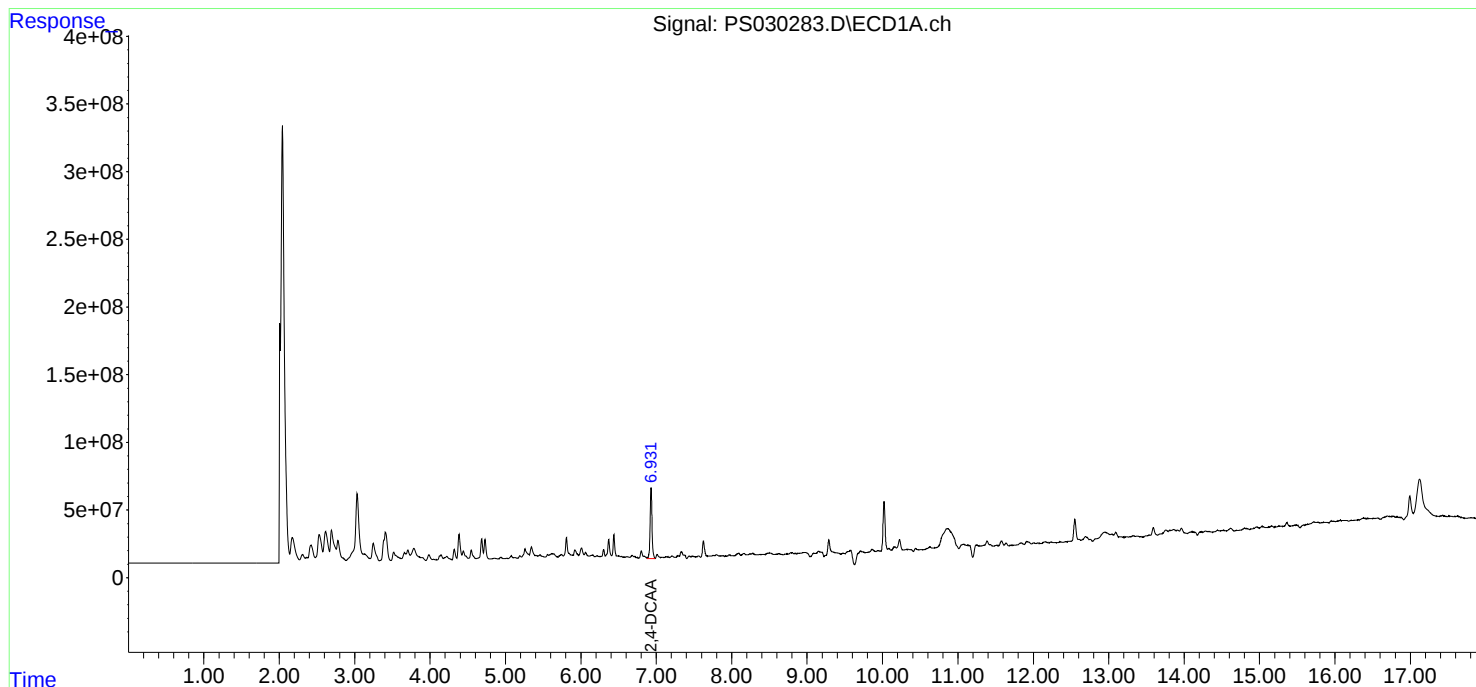
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

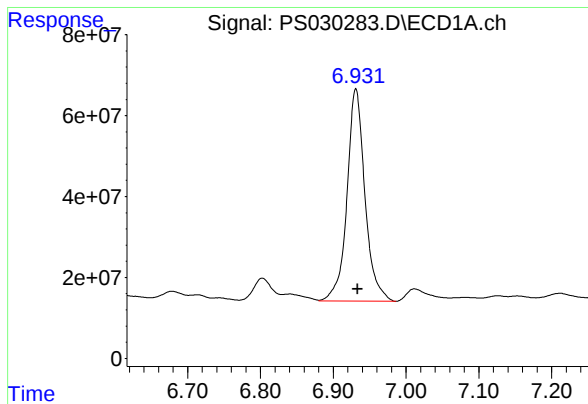
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 19:25
Operator : AR\AJ
Sample : Q2032-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-29-99

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.931 min

Delta R.T.: -0.002 min

Response: 899439825

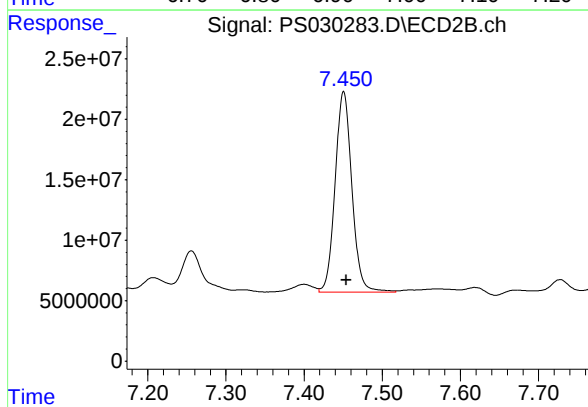
Conc: 315.84 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-29-99



#4 2,4-DCAA

R.T.: 7.450 min

Delta R.T.: -0.004 min

Response: 248385189

Conc: 310.40 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-24	SDG No.:	Q2032
Lab Sample ID:	Q2032-04	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	74.2
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030284.D	1	05/16/25 08:20	05/19/25 19:49	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	10.4	U	10.4	90.1	ug/Kg
120-36-5	DICHLORPROP	17.2	U	17.2	90.1	ug/Kg
94-75-7	2,4-D	12.2	U	12.2	90.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	12.2	U	12.2	90.1	ug/Kg
93-76-5	2,4,5-T	11.7	U	11.7	90.1	ug/Kg
94-82-6	2,4-DB	32.6	U	32.6	90.1	ug/Kg
88-85-7	DINOSEB	14.5	U	14.5	90.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	345		10 - 141	69%	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\PS051925\
 Data File : PS030284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 19:49
 Operator : AR\AJ
 Sample : Q2032-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-24

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:44:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.931	7.450	981.7E6	258.6E6	344.717	323.150m
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Target Compounds

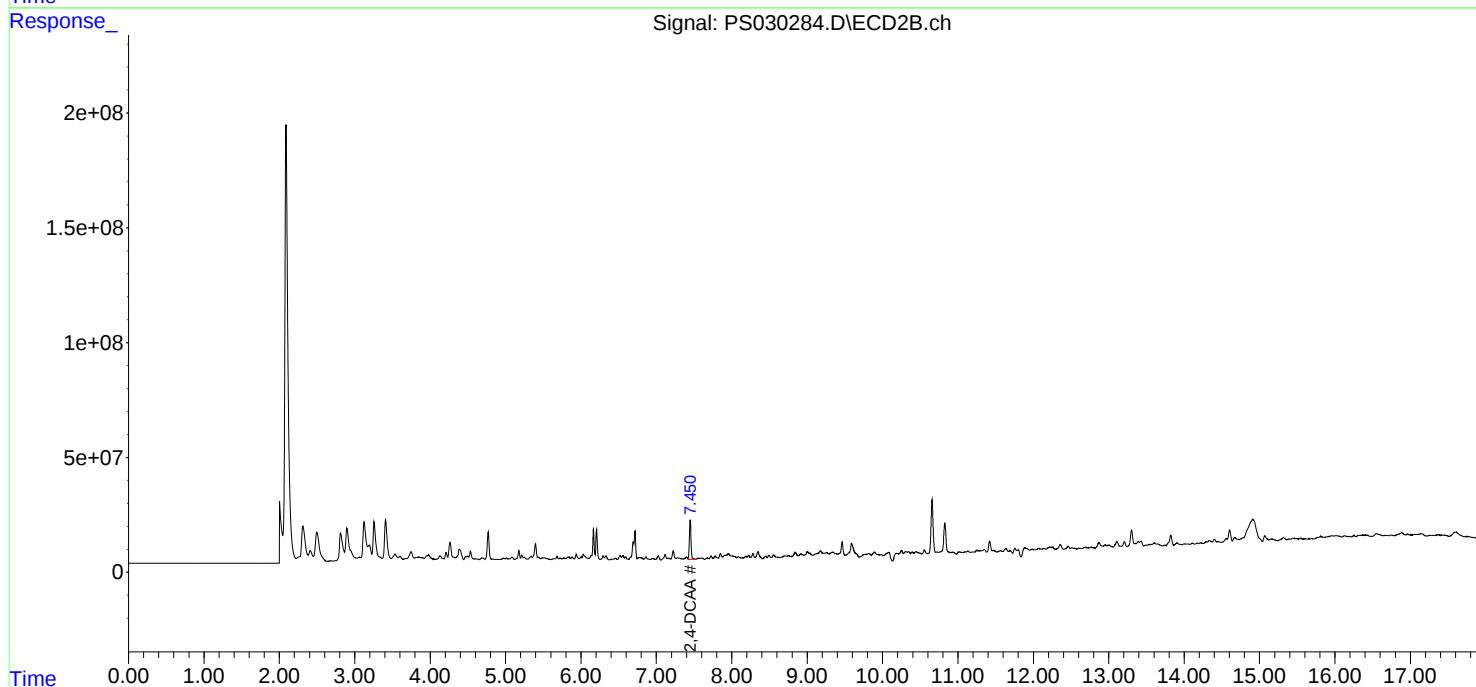
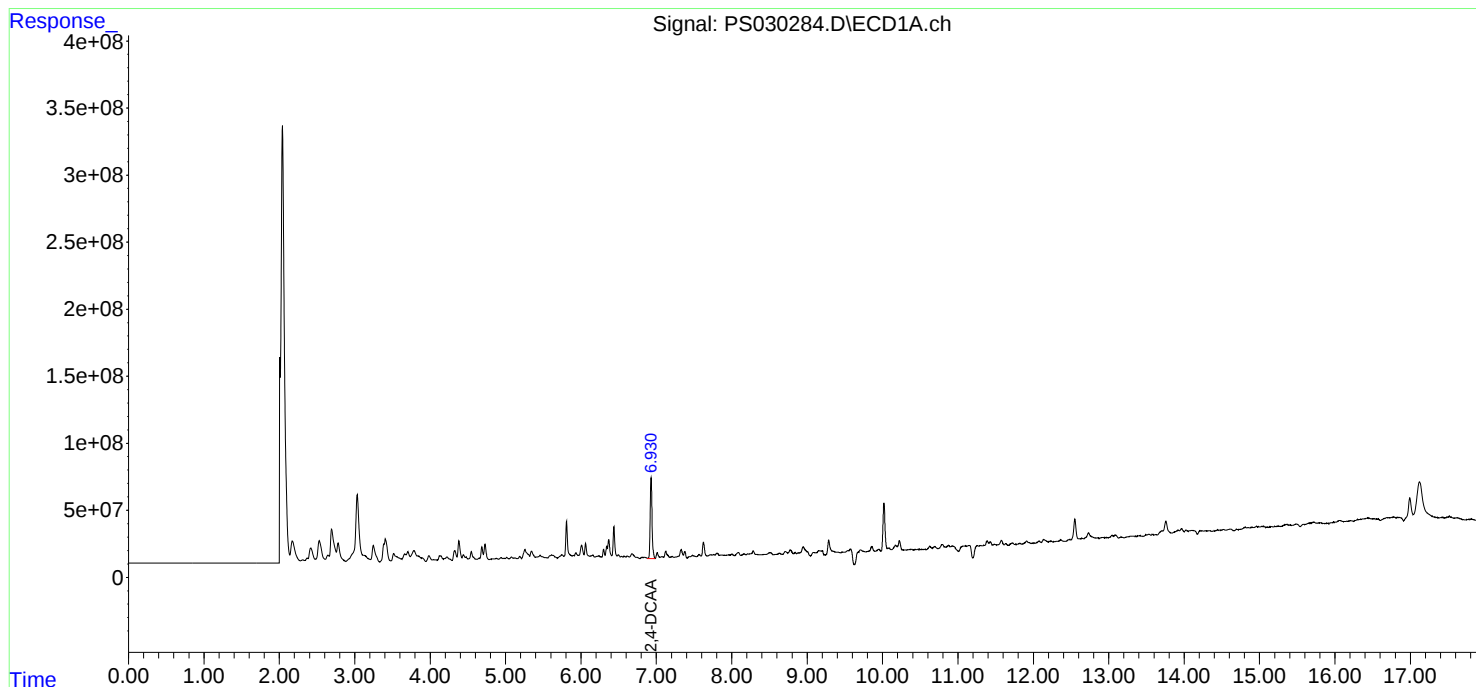
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

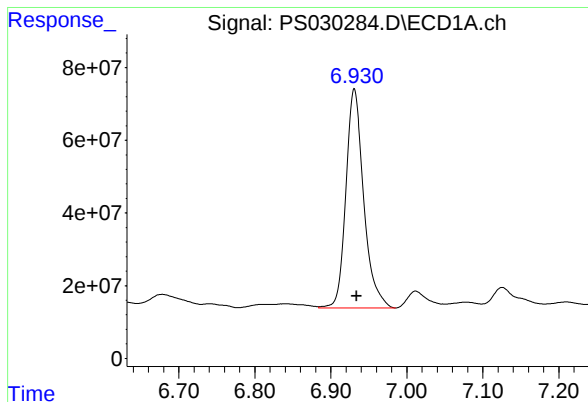
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 19:49
Operator : AR\AJ
Sample : Q2032-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-24

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:44:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.931 min

Delta R.T.: -0.003 min

Response: 981689142

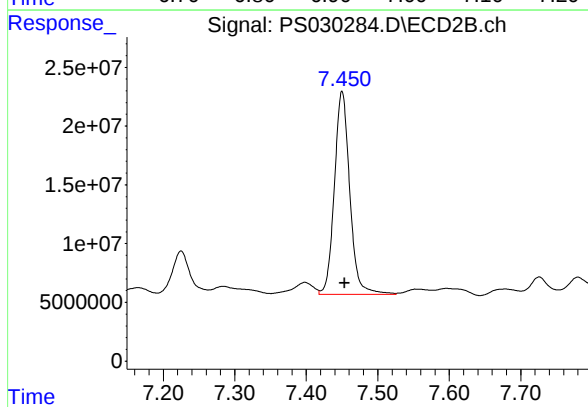
Conc: 344.72 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-24



#4 2,4-DCAA

R.T.: 7.450 min

Delta R.T.: -0.004 min

Response: 258586023

Conc: 323.15 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-37	SDG No.:	Q2032
Lab Sample ID:	Q2032-07	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	82.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030289.D	1	05/16/25 08:20	05/19/25 21:50	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.40	U	9.40	81.1	ug/Kg
120-36-5	DICHLORPROP	15.5	U	15.5	81.1	ug/Kg
94-75-7	2,4-D	10.9	U	10.9	81.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	11.0	U	11.0	81.1	ug/Kg
93-76-5	2,4,5-T	10.5	U	10.5	81.1	ug/Kg
94-82-6	2,4-DB	29.3	U	29.3	81.1	ug/Kg
88-85-7	DINOSEB	13.1	U	13.1	81.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	328		10 - 141	66%	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\PS051925\
 Data File : PS030289.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 21:50
 Operator : AR\AJ
 Sample : Q2032-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-37

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:46:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.931	7.449	934.9E6	248.9E6	328.298	311.045m

Target Compounds

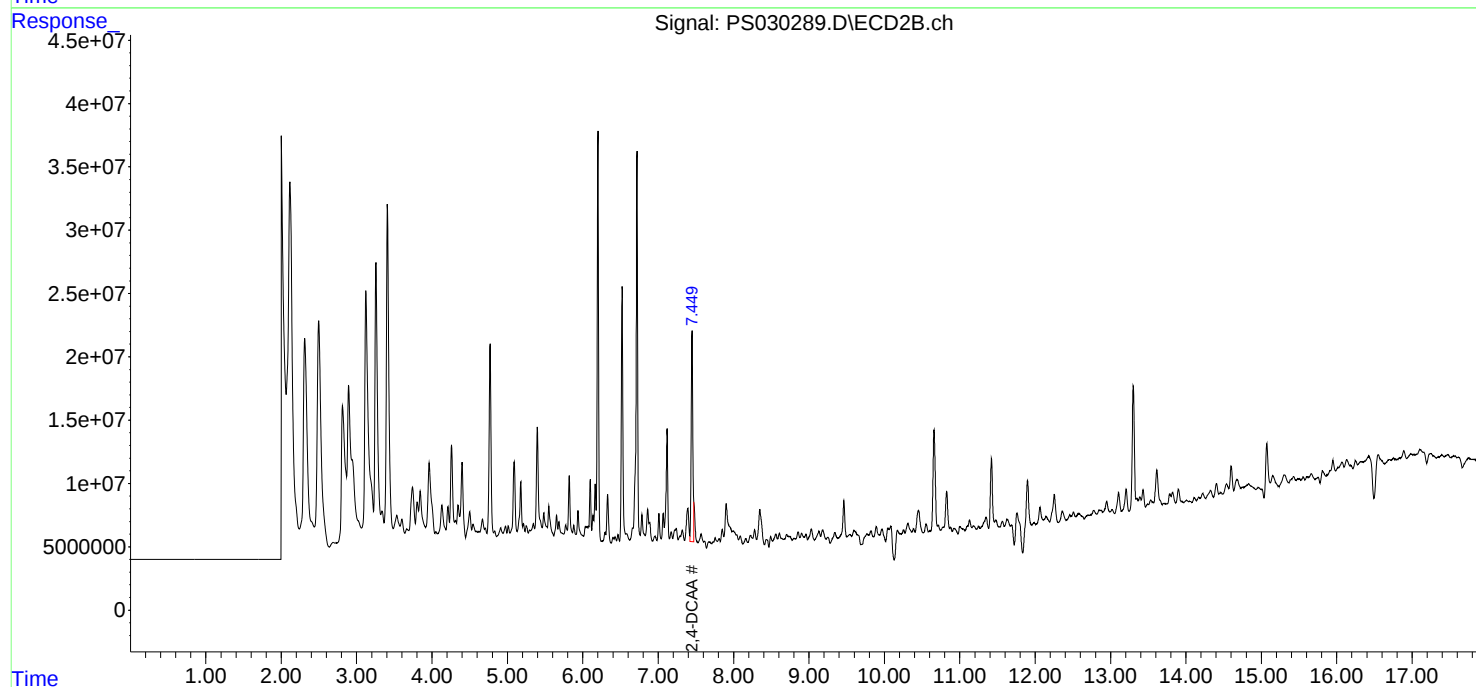
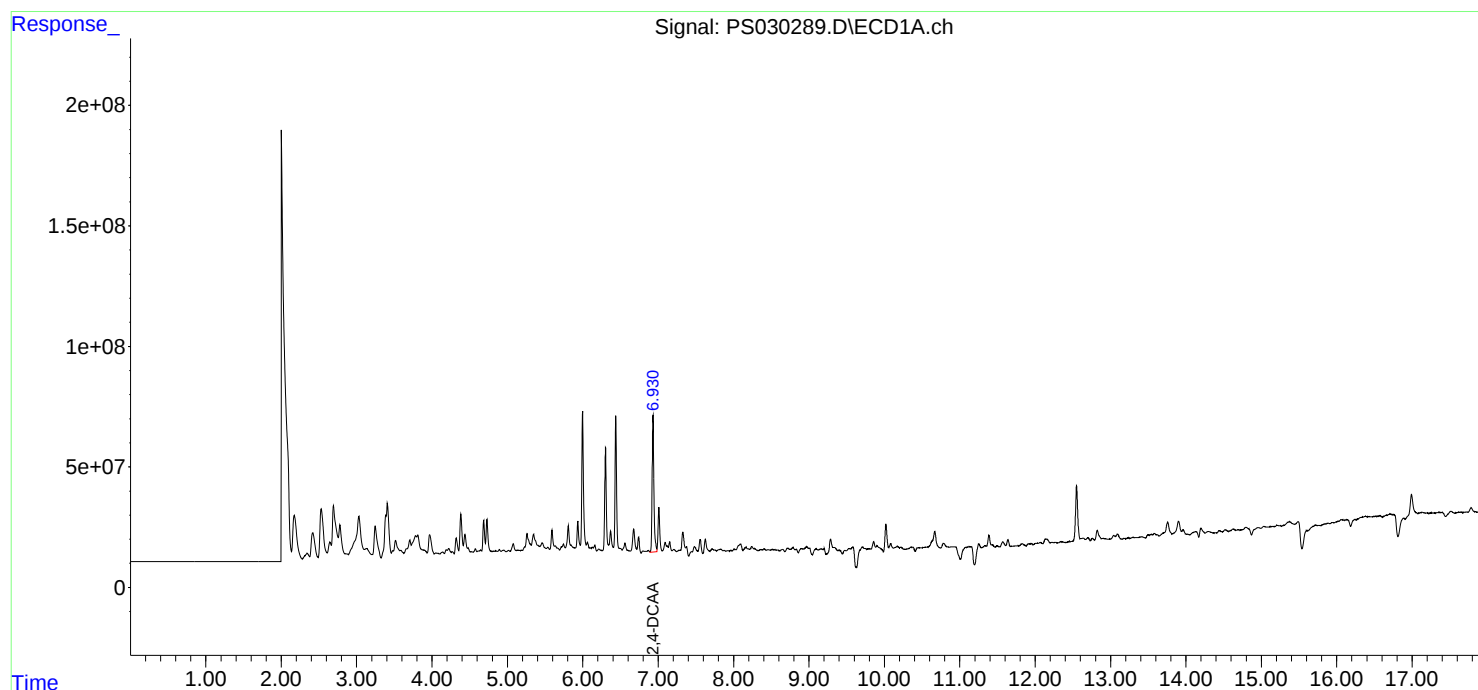
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

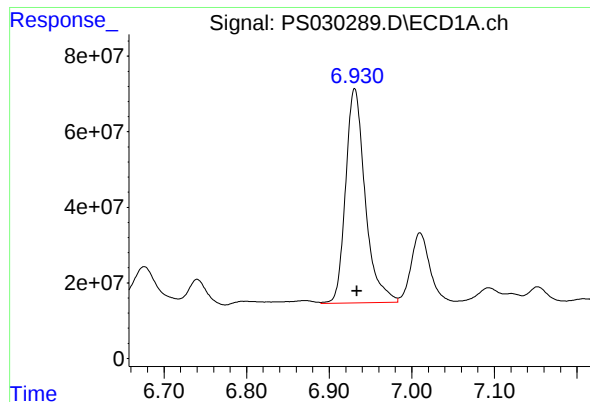
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 21:50
Operator : AR\AJ
Sample : Q2032-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-37

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:46:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.931 min

Delta R.T.: -0.003 min

Response: 934930303

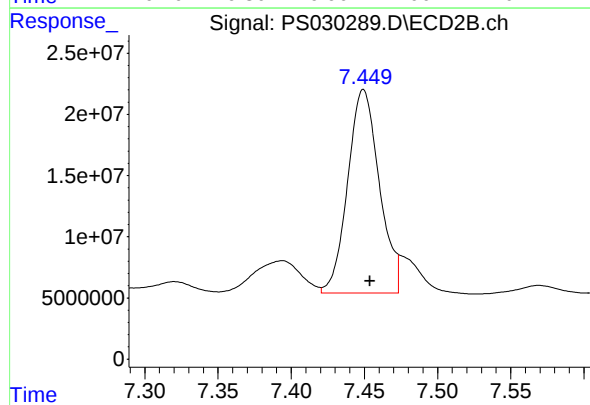
Conc: 328.30 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-37



#4 2,4-DCAA

R.T.: 7.449 min

Delta R.T.: -0.005 min

Response: 248899625

Conc: 311.05 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-32	SDG No.:	Q2032
Lab Sample ID:	Q2032-08	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	86.8
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030290.D	1	05/16/25 08:20	05/19/25 22:14	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	8.90	U	8.90	77.0	ug/Kg
120-36-5	DICHLORPROP	14.7	U	14.7	77.0	ug/Kg
94-75-7	2,4-D	10.4	U	10.4	77.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.4	U	10.4	77.0	ug/Kg
93-76-5	2,4,5-T	10.0	U	10.0	77.0	ug/Kg
94-82-6	2,4-DB	27.8	U	27.8	77.0	ug/Kg
88-85-7	DINOSEB	12.4	U	12.4	77.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	290		10 - 141	58%	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\PS051925\
Data File : PS030290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 22:14
Operator : AR\AJ
Sample : Q2032-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-32

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:46:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.930	7.449	827.0E6	224.8E6	290.385	280.953m

Target Compounds

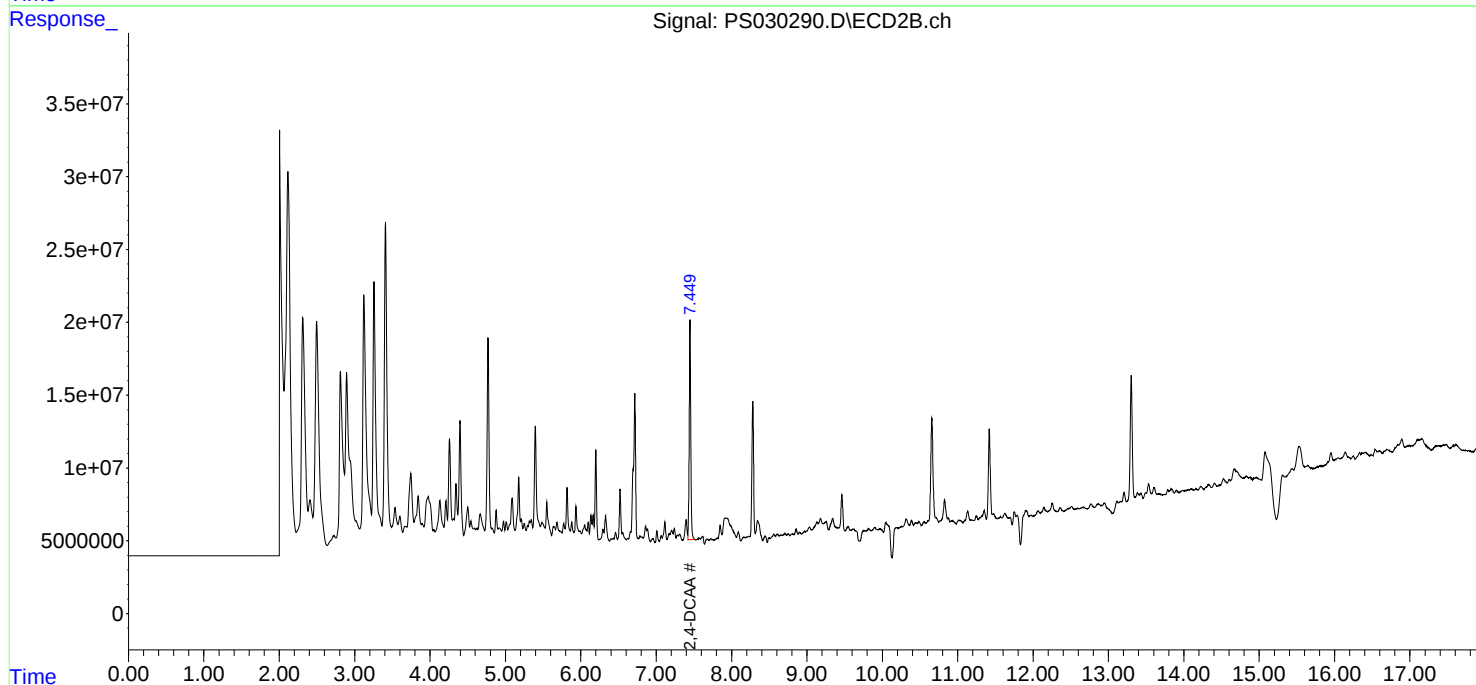
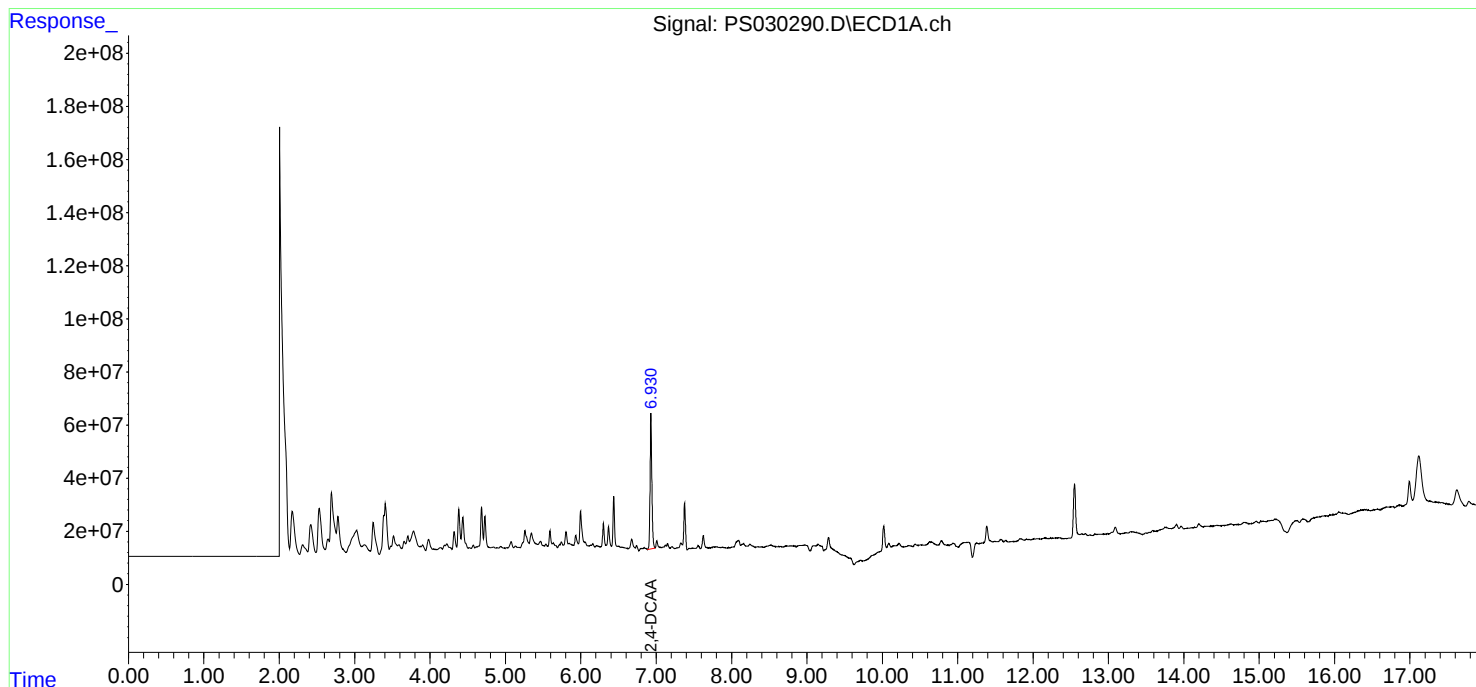
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

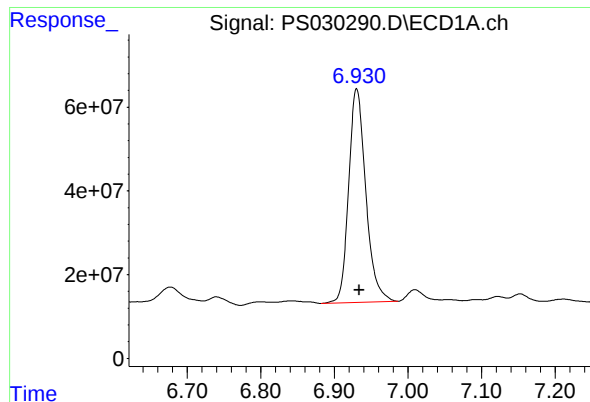
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 22:14
Operator : AR\AJ
Sample : Q2032-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-32

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:46:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.930 min

Delta R.T.: -0.003 min

Response: 826961245

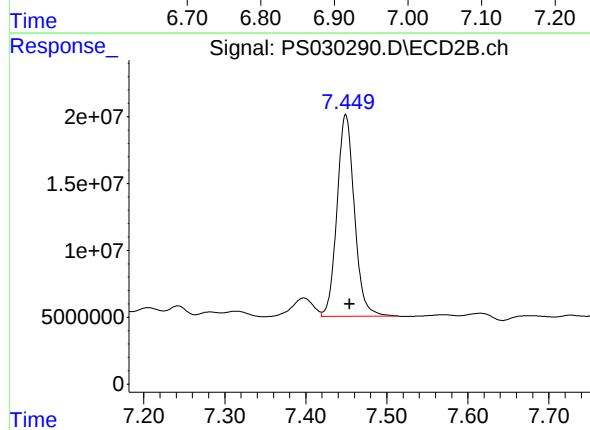
Conc: 290.39 ng/ml

Instrument :

ECD_S

ClientSampleId :

TP-32



#4 2,4-DCAA

R.T.: 7.449 min

Delta R.T.: -0.005 min

Response: 224819830

Conc: 280.95 ng/ml m

Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	FB-05132025	SDG No.:	Q2032
Lab Sample ID:	Q2032-11	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030212.D	1	05/14/25 09:05	05/15/25 05:02	PB168003

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.67	U	0.67	2.10	ug/L
120-36-5	DICHLORPROP	0.78	U	0.78	2.10	ug/L
94-75-7	2,4-D	0.95	U	0.95	2.10	ug/L
93-72-1	2,4,5-TP (Silvex)	0.80	U	0.80	2.10	ug/L
93-76-5	2,4,5-T	0.73	U	0.73	2.10	ug/L
94-82-6	2,4-DB	0.67	U	0.67	2.10	ug/L
88-85-7	DINOSEB	0.92	U	0.92	2.10	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	445		39 - 175	89%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 05:02
 Operator : AR\AJ
 Sample : Q2032-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 FB-05132025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
 Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:43:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

 System Monitoring Compounds

4) S	2,4-DCAA	6.932	7.447	1268.6E6	339.4E6	445.465m	424.097m
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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\PS051425\
Data File : PS030212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 05:02
Operator : AR\AJ
Sample : Q2032-11
Misc :
ALS Vial : 41 Sample Multiplier: 1

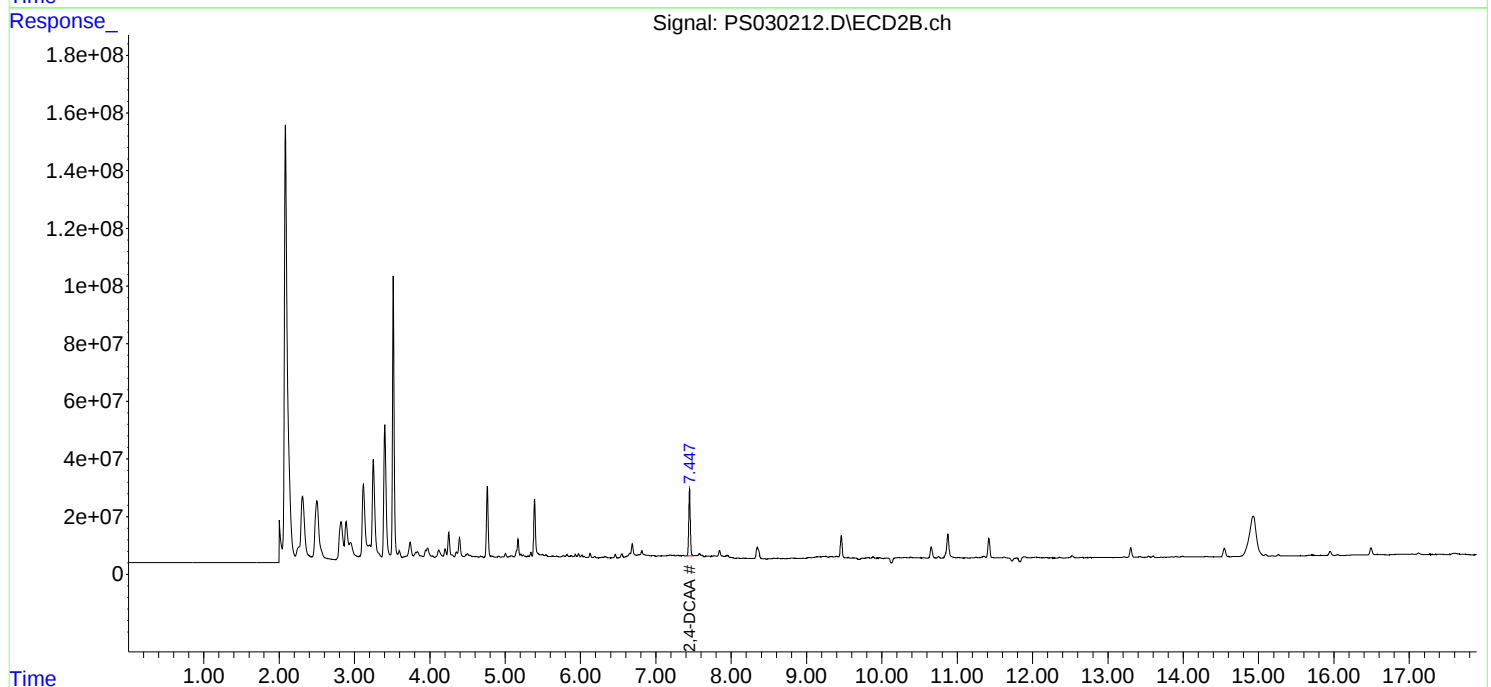
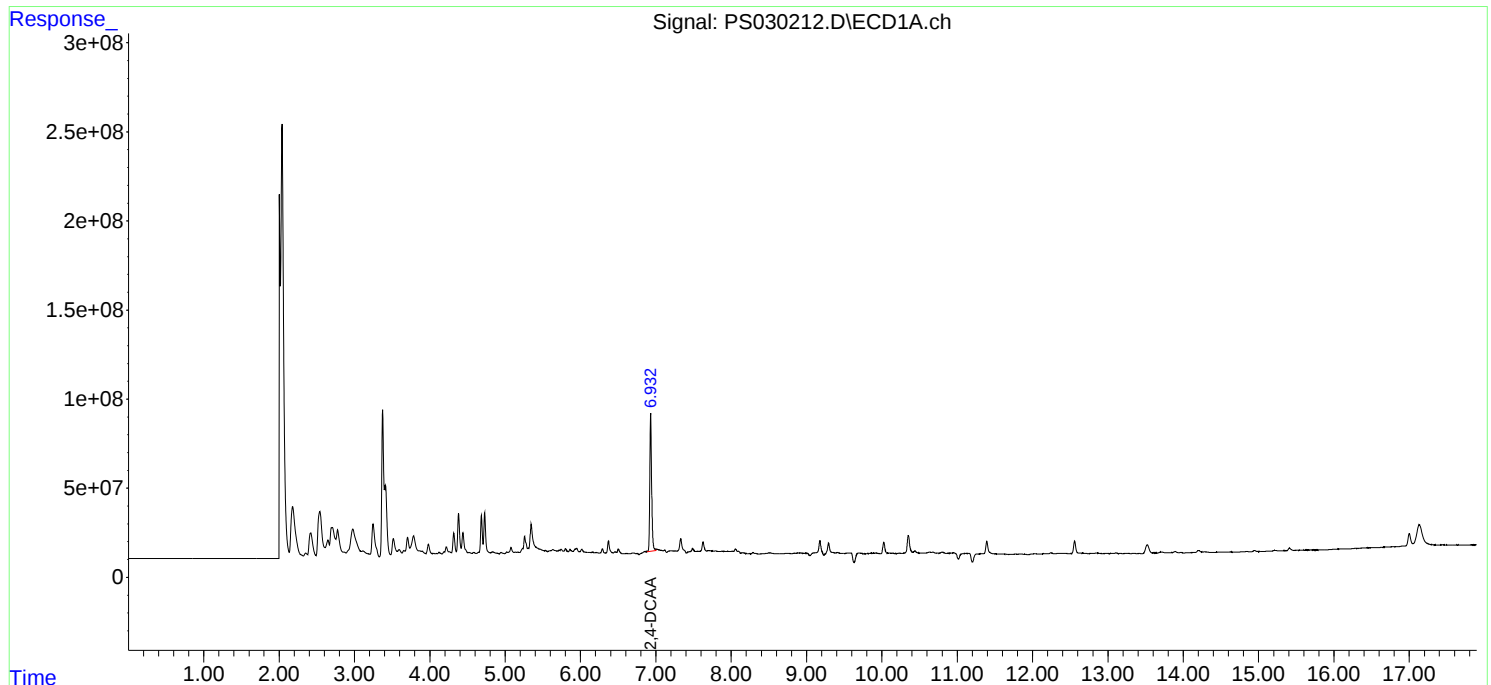
Instrument :
ECD_S
ClientSampleId :
FB-05132025

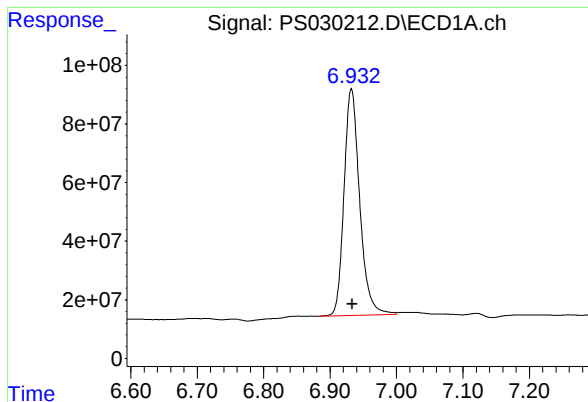
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/15/2025
Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:43:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





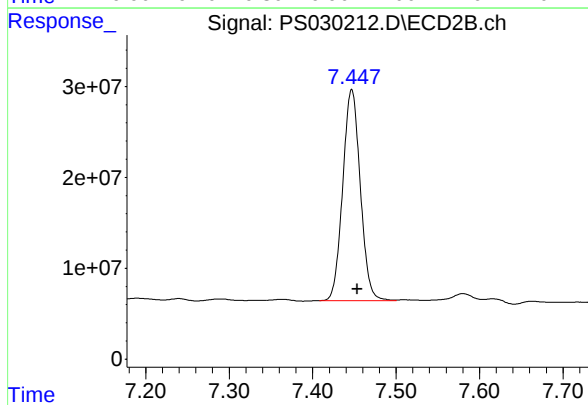
#4 2,4-DCAA

R.T.: 6.932 min
Delta R.T.: -0.002 min
Response: 1268599614
Conc: 445.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
FB-05132025

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/15/2025
Supervised By :mohammad ahmed 05/20/2025



#4 2,4-DCAA

R.T.: 7.447 min
Delta R.T.: -0.007 min
Response: 339363964
Conc: 424.10 ng/ml



CALIBRATION SUMMARY

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

[illegible]

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02
Lab Code: CHEM **Case No.:** Q2032 **SAS No.:** Q2032 **SDG NO.:** Q2032
Instrument ID: ECD_S **Calibration Date(s):** 05/12/2025 05/12/2025
Calibration Times: 12:30 14:06

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

LAB FILE ID:		CF 200 = <u>PS030125.D</u>		CF 500 = <u>PS030126.D</u>			
CF 750 = <u>PS030127.D</u>		CF 1000 = <u>PS030128.D</u>		CF 1500 = <u>PS030129.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	19806400000	16697600000	15922400000	15360700000	14788800000	16515200000	12
2,4,5-TP(Silvex)	19321200000	16303400000	15619800000	15128700000	14606800000	16196000000	11
2,4-D	4048870000	3291910000	3113030000	3014870000	2926010000	3278940000	14
2,4-DB	2822620000	2567110000	2564340000	2542470000	2552320000	2609770000	5
2,4-DCAA	3540840000	2868830000	2702520000	2609290000	2517560000	2847810000	14
DICAMBA	13660900000	11601800000	11140600000	10847100000	10536400000	11557400000	11
DICHLORPROP	3626670000	2931320000	2773470000	2680380000	2594880000	2921340000	14
Dinoseb	13788600000	11497400000	10989000000	10638600000	10268200000	11436400000	12

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: CAMP02
Lab Code: CHEM **Case No.:** Q2032 **SAS No.:** Q2032 **SDG NO.:** Q2032
Instrument ID: ECD_S **Calibration Date(s):** 05/12/2025 05/12/2025
Calibration Times: 12:30 14:06

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

LAB FILE ID:		CF 200 = <u>PS030125.D</u>		CF 500 = <u>PS030126.D</u>			
CF 750 = <u>PS030127.D</u>		CF 1000 = <u>PS030128.D</u>		CF 1500 = <u>PS030129.D</u>			
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	10274700000	9232570000	9042300000	8854580000	8613880000	9203610000	7
2,4,5-TP(Silvex)	10913400000	9868000000	9697110000	9517670000	9255920000	9850430000	6
2,4-D	1480680000	1290430000	1248060000	1225910000	1207420000	1290500000	9
2,4-DB	1268930000	952436000	948485000	881256000	910753000	992372000	16
2,4-DCAA	922885000	799420000	773490000	758361000	746863000	800204000	9
DICAMBA	5034950000	4673810000	4651340000	4635790000	4643990000	4727980000	4
DICHLORPROP	1388930000	1177530000	1140920000	1112240000	1087540000	1181430000	10
Dinoseb	7723880000	6842530000	6670660000	6540750000	6382090000	6831980000	8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
 Data File : PS030125.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 12:30
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:50:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:43:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.934	7.454	708.2E6	184.6E6	233.150	221.866
Target Compounds							
1) T	Dalapon	2.446	2.520	1161.8E6	445.3E6	230.933	208.837
2) T	3,5-DICHL...	6.138	6.453	948.7E6	240.0E6	214.407	195.017
3) T	4-Nitroph...	6.725	6.989	439.9E6	195.9E6	203.363	173.219
5) T	DICAMBA	7.109	7.639	2568.3E6	946.6E6	211.650	199.141
6) T	MCPD	7.286	7.744	110.4E6	32616416	14.656	18.070
7) T	MCPA	7.428	7.974	200.2E6	49441444	19.272	18.610
8) T	DICHLORPROP	7.789	8.332	681.8E6	261.1E6	219.198	211.296
9) T	2,4-D	8.011	8.644	761.2E6	278.4E6	218.443	207.780
10) T	Pentachlo...	8.286	9.144	9450.6E6	5262.3E6	215.768	204.481
11) T	2,4,5-TP ...	8.850	9.522	3671.0E6	2073.6E6	214.913	204.100
12) T	2,4,5-T	9.133	9.927	3763.2E6	1952.2E6	215.342	205.137
13) T	2,4-DB	9.691	10.485	536.3E6	241.1E6	202.273	228.178
14) T	DINOSEB	10.850	10.858	2592.3E6	1452.1E6	214.384	205.126
15) T	Picloram	10.672	11.892	4602.8E6	2955.0E6	207.830	206.560m
16) T	DCPA	11.152	11.892	4589.7E6	2821.7E6	217.427	194.524m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030125.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 12:30
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations

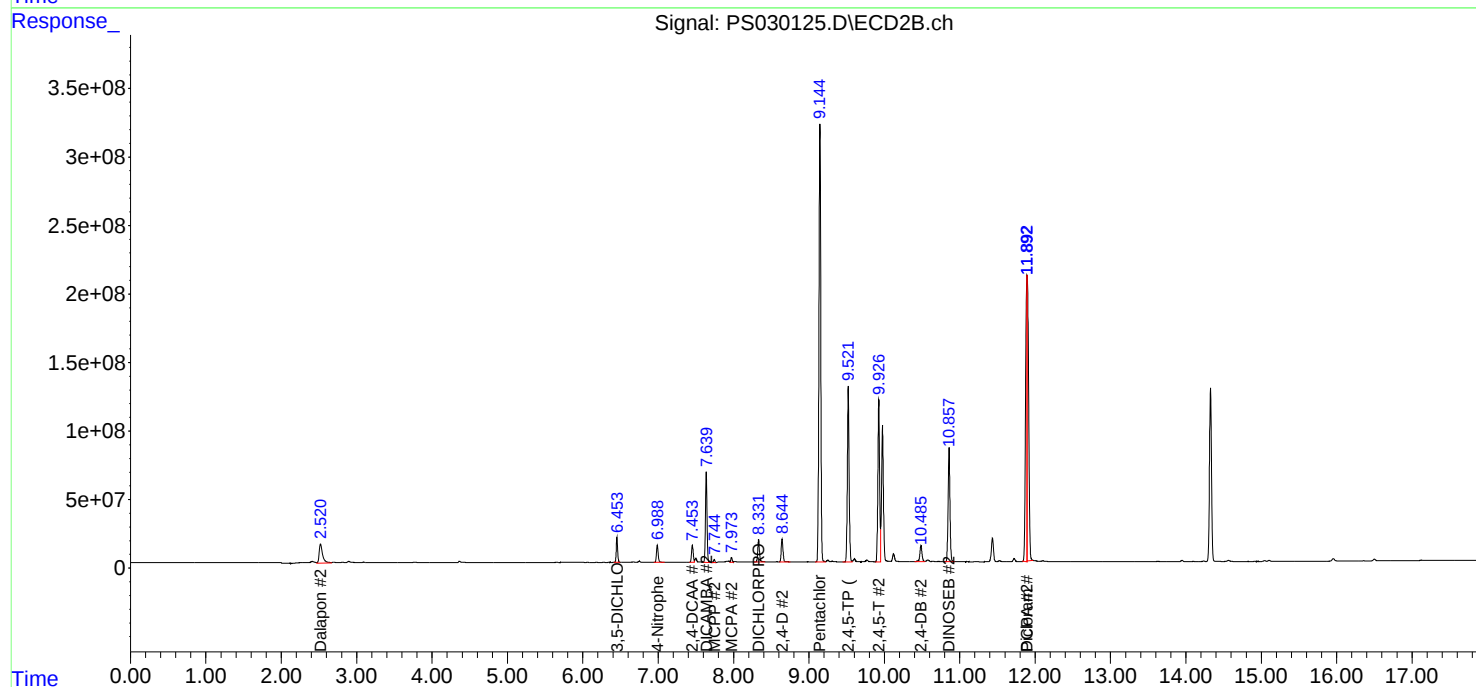
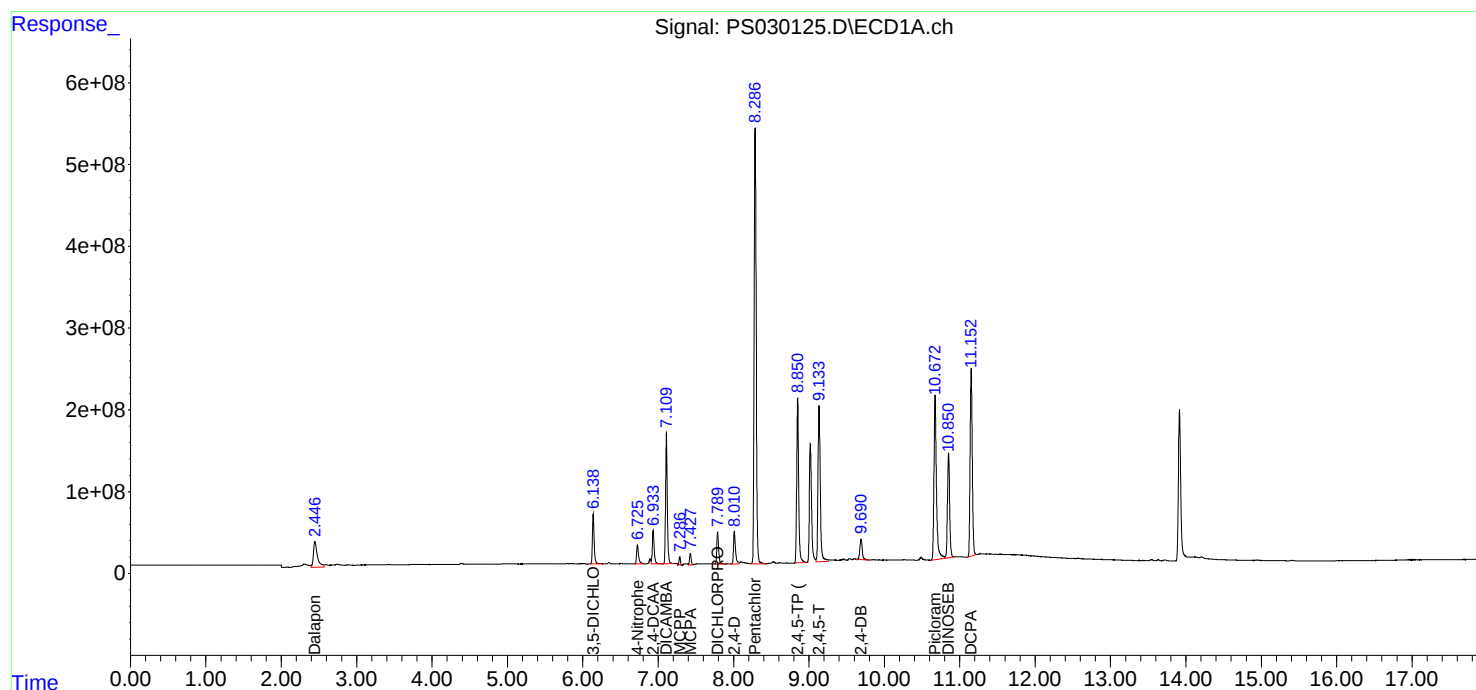
APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 13:50:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 13:43:14 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\PS051225\
 Data File : PS030126.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 12:54
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:47:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:43:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.933	7.454	1434.4E6	399.7E6	514.926	508.243
Target Compounds							
1) T	Dalapon	2.447	2.520	2243.7E6	920.5E6	471.266	466.069
2) T	3,5-DICHL...	6.138	6.453	1954.7E6	604.8E6	478.289	503.770
3) T	4-Nitroph...	6.724	6.988	957.1E6	626.7E6	470.076	541.042
5) T	DICAMBA	7.109	7.639	5452.8E6	2196.7E6	479.532	471.133
6) T	MCPD	7.287	7.746	351.0E6	83878837	46.529	45.584
7) T	MCPA	7.429	7.975	474.0E6	124.4E6	46.459	46.843
8) T	DICHLORPROP	7.789	8.332	1377.7E6	553.4E6	483.005	477.421
9) T	2,4-D	8.009	8.645	1547.2E6	606.5E6	483.126	477.844
10) T	Pentachlo...	8.286	9.145	19907.6E6	11940.1E6	487.580	482.342
11) T	2,4,5-TP ...	8.851	9.523	7744.1E6	4687.3E6	485.171	479.149
12) T	2,4,5-T	9.132	9.927	7931.4E6	4385.5E6	486.289	479.945
13) T	2,4-DB	9.690	10.485	1219.4E6	452.4E6	475.256	475.987
14) T	DINOSEB	10.851	10.859	5403.8E6	3216.0E6	480.627	475.978
15) T	Picloram	10.672	11.894	10147.5E6	6755.0E6	480.746	488.999m
16) T	DCPA	11.152	11.893	9696.2E6	6912.8E6	491.912	476.219m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 12:54
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations

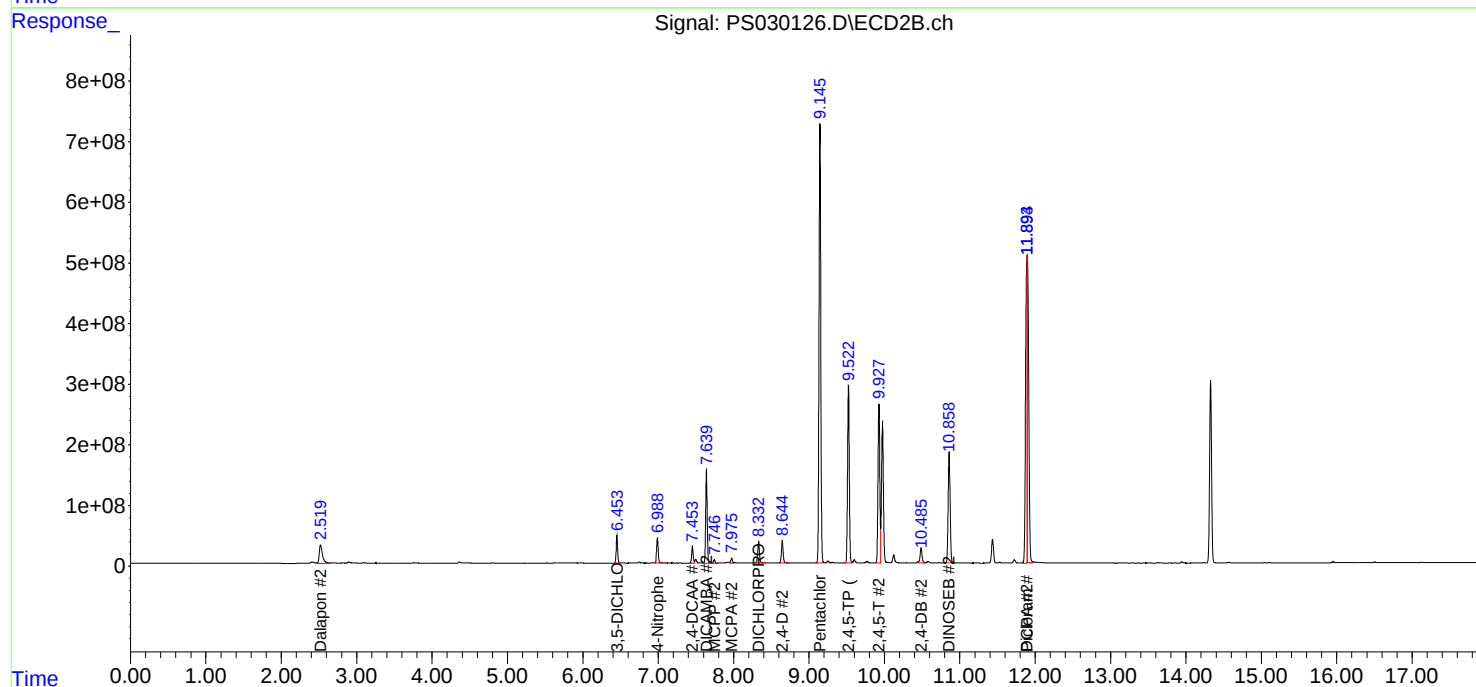
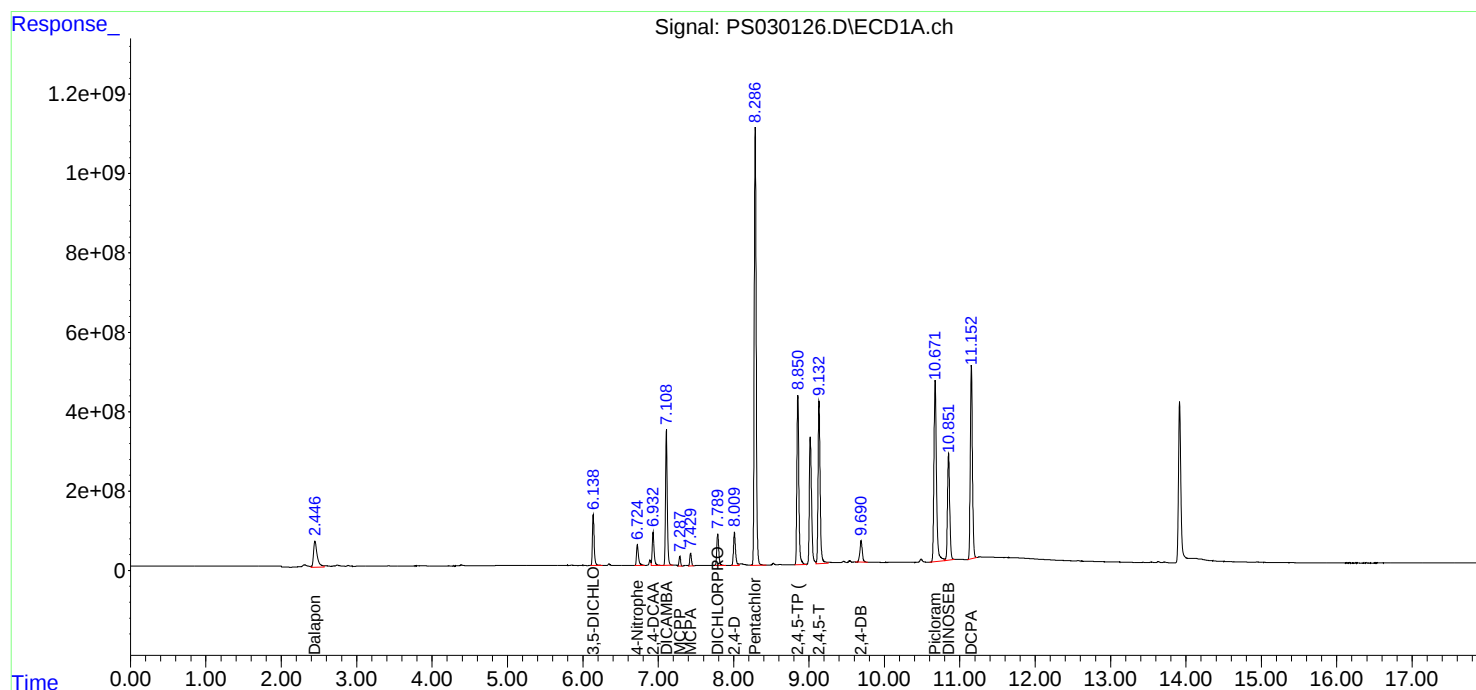
APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 13:47:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 13:43:14 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\PS051225\
 Data File : PS030127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 13:18
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:43:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:43:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.934	7.454	2026.9E6	580.1E6	750.000	750.000
Target Compounds							
1) T	Dalapon	2.446	2.520	3133.2E6	1315.1E6	682.500	682.500
2) T	3,5-DICHL...	6.138	6.453	2769.2E6	767.6E6	697.500	697.500
3) T	4-Nitroph...	6.724	6.988	1343.5E6	641.1E6	682.500	682.500
5) T	DICAMBA	7.110	7.639	7854.1E6	3279.2E6	705.000	705.000
6) T	MCPD	7.289	7.747	537.2E6	133.6E6	70.500	70.500
7) T	MCPA	7.431	7.977	712.2E6	183.9E6	69.750	69.750
8) T	DICHLORPROP	7.789	8.332	1955.3E6	804.4E6	705.000	705.000
9) T	2,4-D	8.010	8.644	2194.7E6	879.9E6	705.000	705.000
10) T	Pentachlo...	8.287	9.145	28320.5E6	17364.8E6	712.500	712.500
11) T	2,4,5-TP ...	8.850	9.523	11129.1E6	6909.2E6	712.500	712.500
12) T	2,4,5-T	9.133	9.926	11344.7E6	6442.6E6	712.500	712.500
13) T	2,4-DB	9.689	10.485	1827.1E6	675.8E6	712.500	712.500
14) T	DINOSEB	10.851	10.858	7747.2E6	4702.8E6	705.000	705.000
15) T	Picloram	10.670	11.894	14857.3E6	9721.1E6	712.500	727.171m
16) T	DCPA	11.153	11.893	13839.9E6	10000.3E6	720.000	727.183m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 13:18
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC750

Manual Integrations

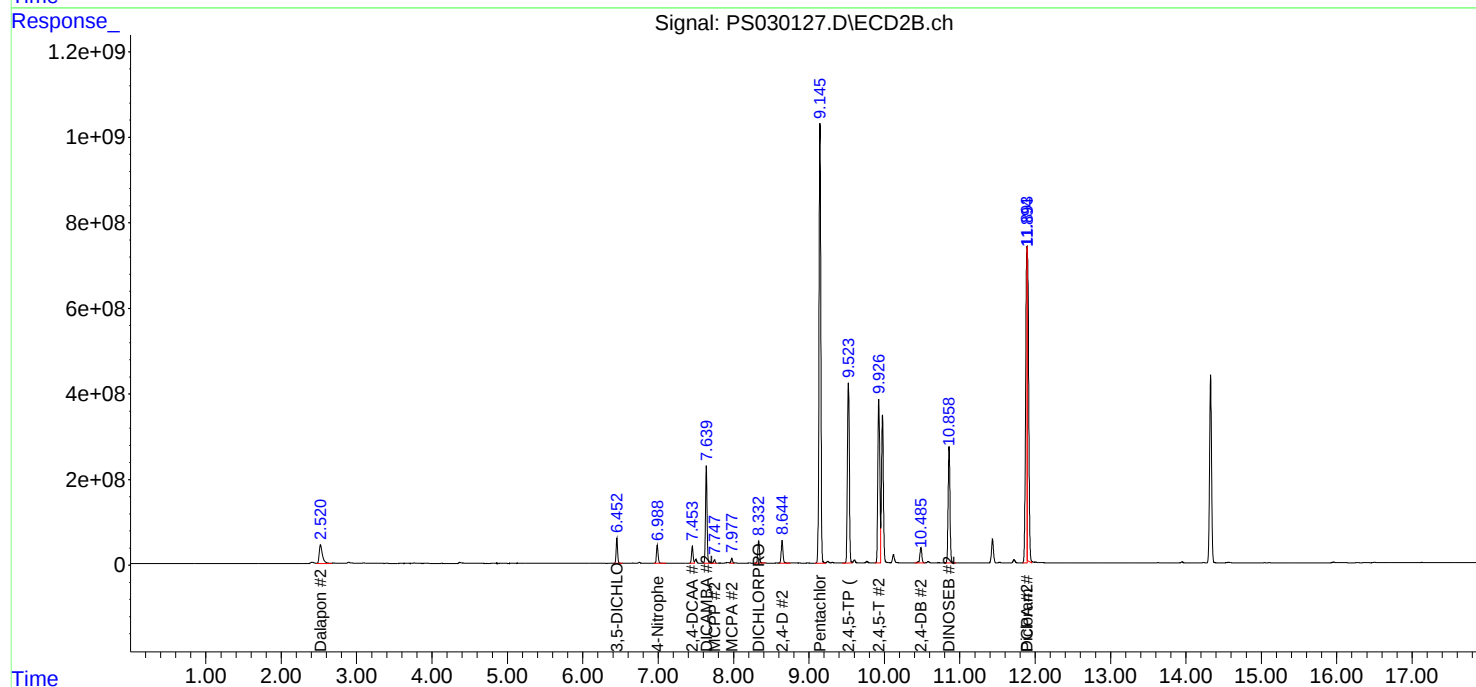
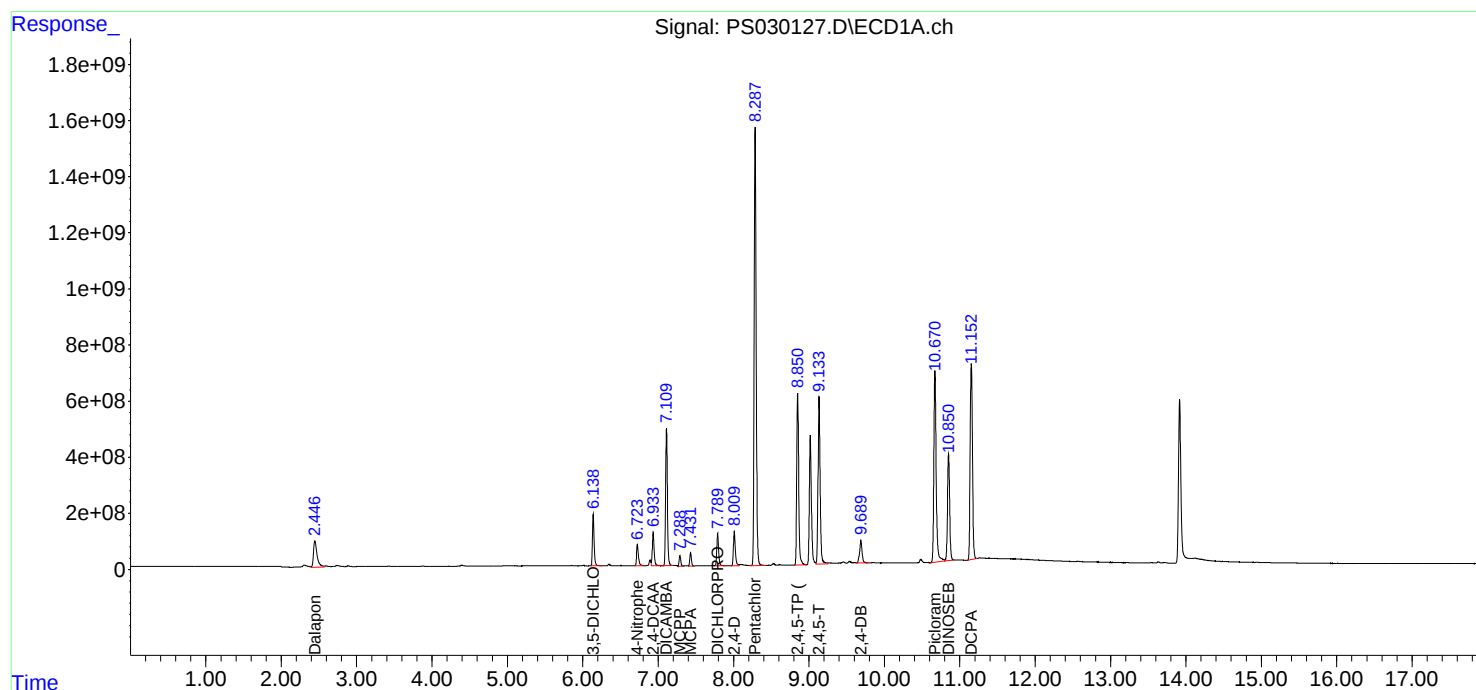
APPROVED

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 13:43:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 13:43:14 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\PS051225\
 Data File : PS030128.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 13:42
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1000

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/13/2025
 Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 13:58:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 13:58:36 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
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System Monitoring Compounds

4) S	2,4-DCAA	6.933	7.454	2609.3E6	758.4E6	890.431	932.175
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Target Compounds

1) T	Dalapon	2.446	2.520	4022.0E6	1730.9E6	791.534	834.294
2) T	3,5-DICHL...	6.139	6.453	3590.0E6	1001.6E6	838.061	840.224
3) T	4-Nitroph...	6.724	6.988	1760.4E6	837.7E6	835.965	776.796
5) T	DICAMBA	7.109	7.640	10196.3E6	4357.6E6	863.169	917.597
6) T	MCPD	7.290	7.749	729.6E6	177.4E6	101.601	97.188
7) T	MCPA	7.433	7.979	953.9E6	245.9E6	92.106	92.679
8) T	DICHLORPROP	7.789	8.332	2519.6E6	1045.5E6	839.025	867.706
9) T	2,4-D	8.009	8.645	2834.0E6	1152.4E6	841.649	878.805
10) T	Pentachlo...	8.287	9.145	36236.2E6	22455.0E6	854.920	890.701
11) T	2,4,5-TP ...	8.850	9.523	14372.3E6	9041.8E6	866.151	904.264
12) T	2,4,5-T	9.132	9.927	14592.7E6	8411.9E6	861.090	899.563
13) T	2,4-DB	9.689	10.485	2415.4E6	837.2E6	920.436	826.632
14) T	DINOSEB	10.851	10.859	10000.3E6	6148.3E6	852.655	885.355
15) T	Picloram	10.670	11.894	19519.6E6	13097.0E6	897.581	914.915m
16) T	DCPA	11.152	11.891	17786.8E6	11870.5E6	869.183	851.929m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030128.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 13:42
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

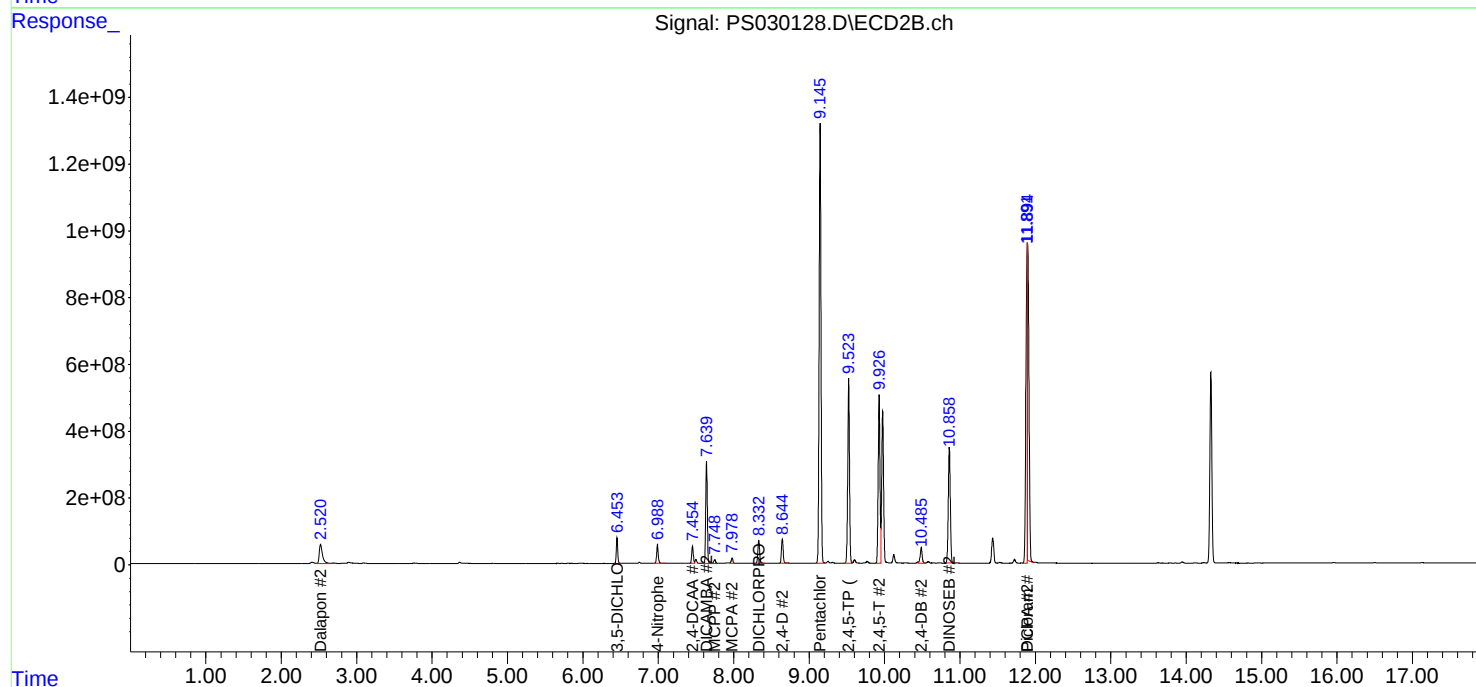
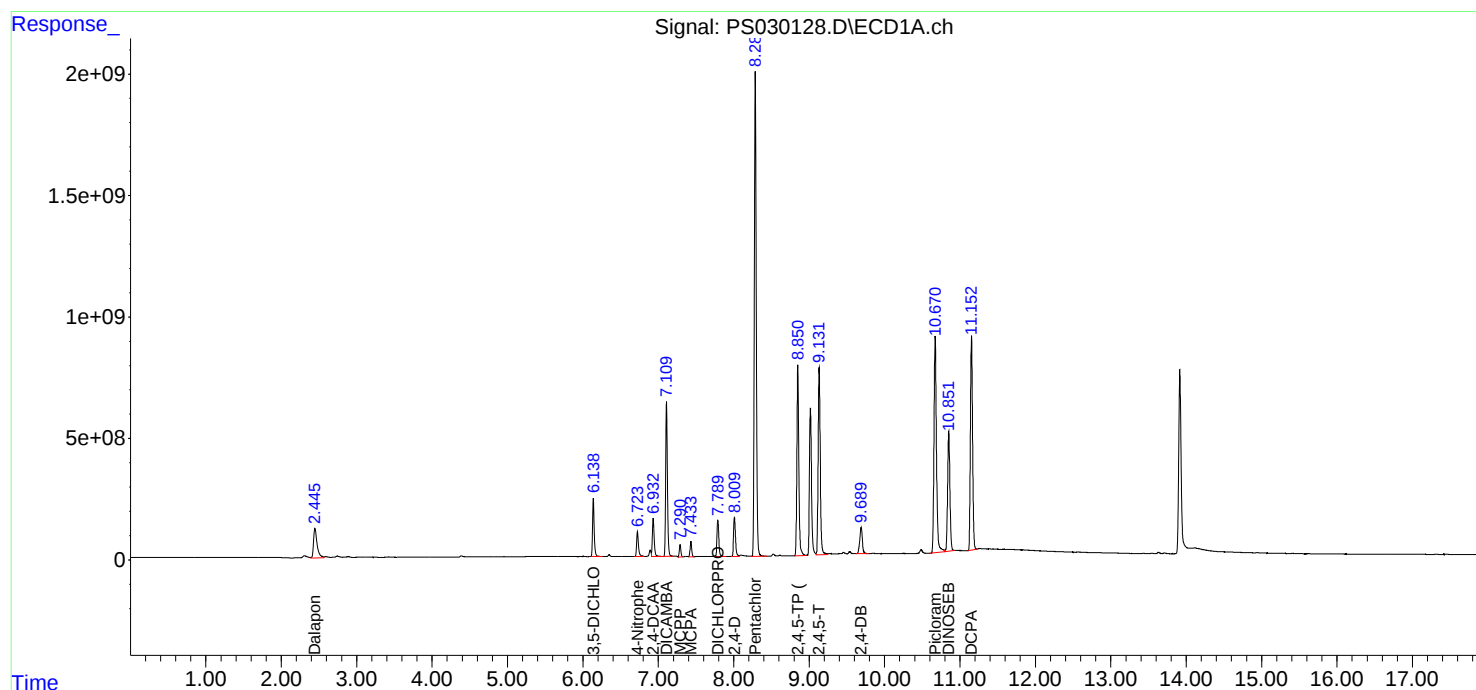
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 13:58:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 13:58:36 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\PS051225\
 Data File : PS030129.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 14:06
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/13/2025
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 14:28:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:27:56 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.934	7.454	3776.3E6	1120.3E6	1326.050	1400.011
Target Compounds							
1) T	Dalapon	2.446	2.520	5803.8E6	2534.2E6	1180.753	1247.720
2) T	3,5-DICHL...	6.139	6.453	5186.8E6	1479.7E6	1243.675	1269.249
3) T	4-Nitroph...	6.724	6.988	2599.8E6	1237.2E6	1258.609	1184.993
5) T	DICAMBA	7.110	7.640	14856.3E6	6548.0E6	1285.438	1384.953
6) T	MCPD	7.293	7.751	1084.1E6	267.4E6	148.855	145.320
7) T	MCPA	7.437	7.983	1462.0E6	359.0E6	140.839	136.111
8) T	DICHLORPROP	7.789	8.333	3658.8E6	1533.4E6	1252.430	1297.948
9) T	2,4-D	8.009	8.645	4125.7E6	1702.5E6	1258.234	1319.227
10) T	Pentachlo...	8.293	9.145	46970.5E6	32180.6E6	1159.743	1303.651
11) T	2,4,5-TP ...	8.851	9.523	20814.7E6	13189.7E6	1285.177	1338.996
12) T	2,4,5-T	9.133	9.927	21074.1E6	12274.8E6	1276.042	1333.692
13) T	2,4-DB	9.690	10.485	3637.1E6	1297.8E6	1393.631	1307.799
14) T	DINOSEB	10.852	10.859	14478.2E6	8998.7E6	1265.980	1317.150
15) T	Picloram	10.670	11.895	28424.6E6	18755.9E6	1329.063	1314.827m
16) T	DCPA	11.153	11.892	25491.3E6	17567.8E6	1280.231	1314.389m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030129.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 14:06
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

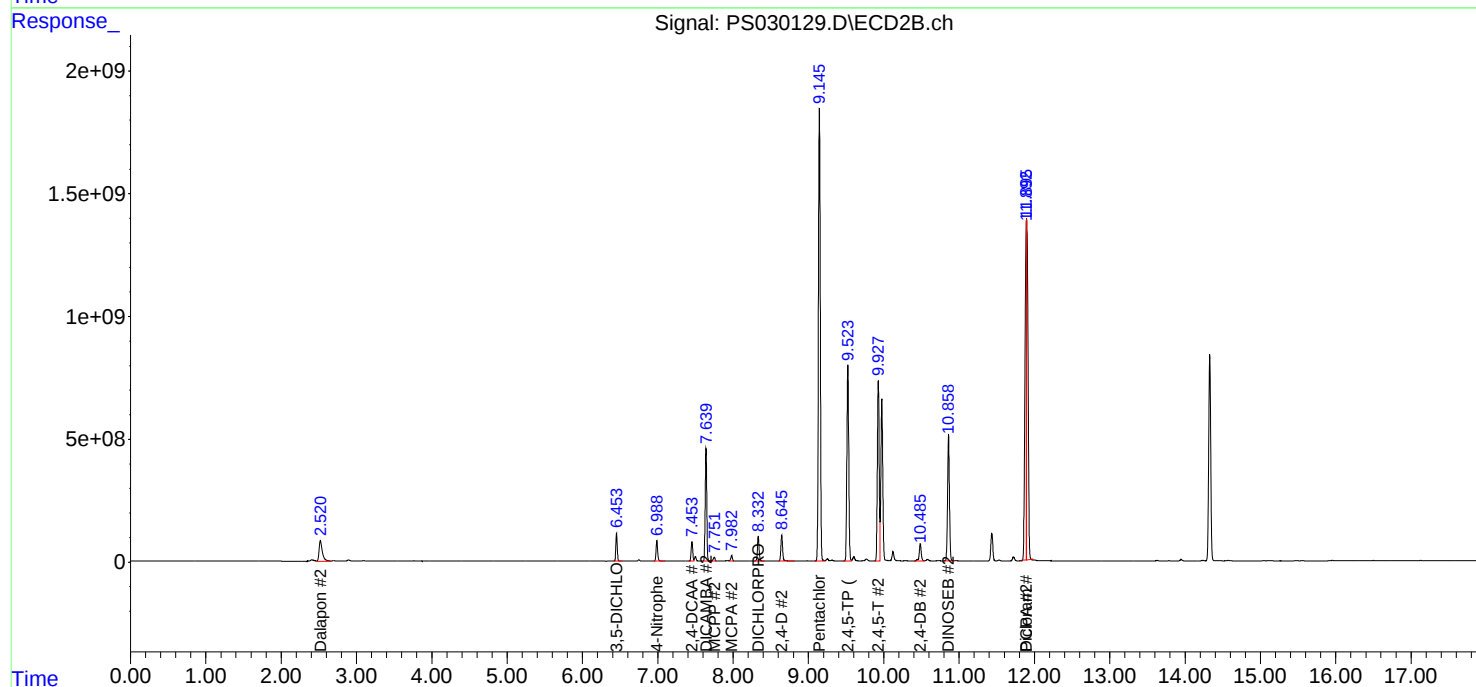
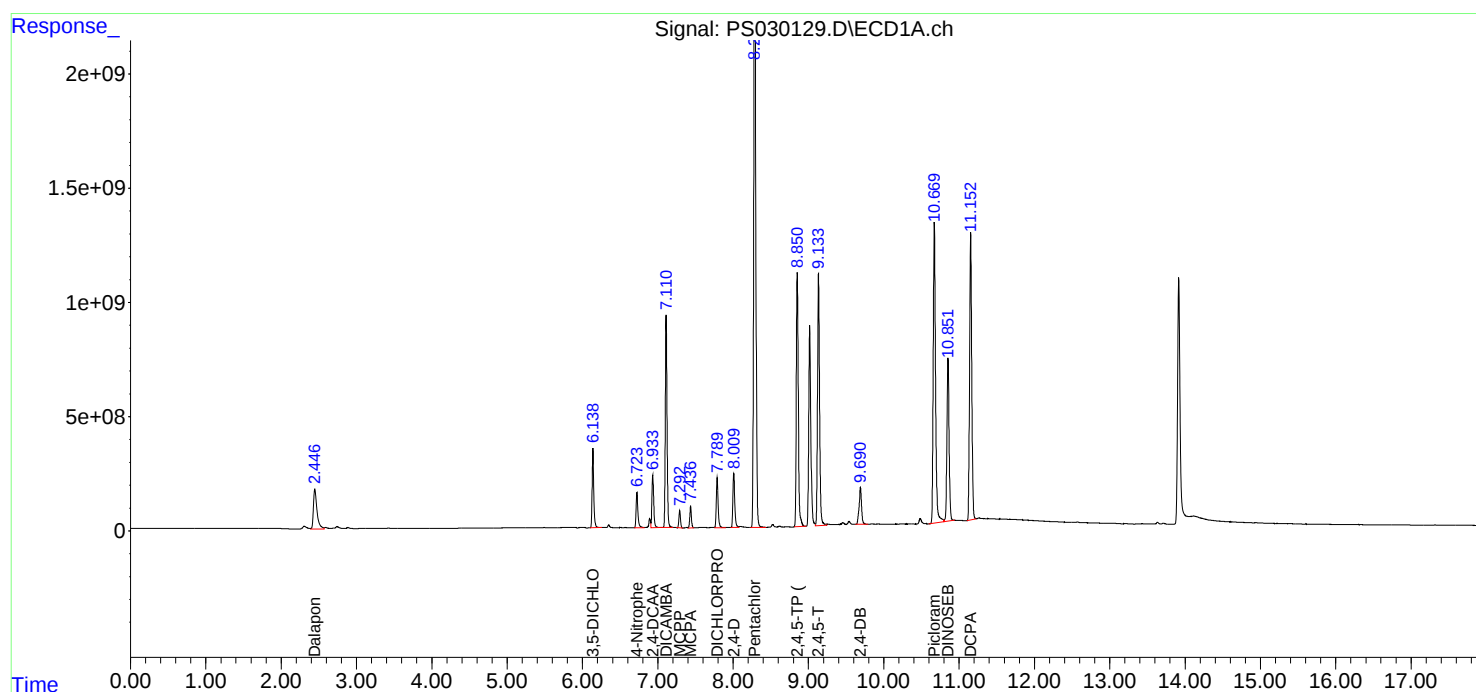
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/13/2025
Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 14:28:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:27:56 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\PS051225\
 Data File : PS030130.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 14:30
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ICVPS051225

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/13/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 15:04:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.934	7.454	2000.1E6	576.9E6	702.326	720.970
Target Compounds							
1) T	Dalapon	2.446	2.520	3076.9E6	1314.3E6	625.967	647.108
2) T	3,5-DICHL...	6.139	6.453	2750.7E6	760.8E6	659.557	652.607
3) T	4-Nitroph...	6.724	6.989	1318.9E6	628.7E6	638.507	602.172
5) T	DICAMBA	7.110	7.640	7834.8E6	3263.7E6	677.908	690.298
6) T	MCPD	7.289	7.748	532.7E6	133.5E6	73.145	72.581
7) T	MCPA	7.431	7.978	699.7E6	180.7E6	67.398	68.504
8) T	DICHLORPROP	7.790	8.333	1940.1E6	796.8E6	664.107	674.472
9) T	2,4-D	8.010	8.645	2200.0E6	878.7E6	670.942	680.913
10) T	Pentachlo...	8.287	9.145	28175.2E6	17257.0E6	695.670	699.091
11) T	2,4,5-TP ...	8.851	9.524	11116.5E6	6877.2E6	686.375	698.163
12) T	2,4,5-T	9.133	9.927	11274.6E6	6386.9E6	682.678	693.957
13) T	2,4-DB	9.691	10.486	1842.8E6	635.3E6	706.110	640.157
14) T	DINOSEB	10.851	10.859	7678.7E6	4674.1E6	671.427	684.150
15) T	Picloram	10.671	11.895	14927.7E6	9640.6E6	697.983	685.038m
16) T	DCPA	11.153	11.892	13809.2E6	9287.7E6	693.529	687.439m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030130.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 14:30
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

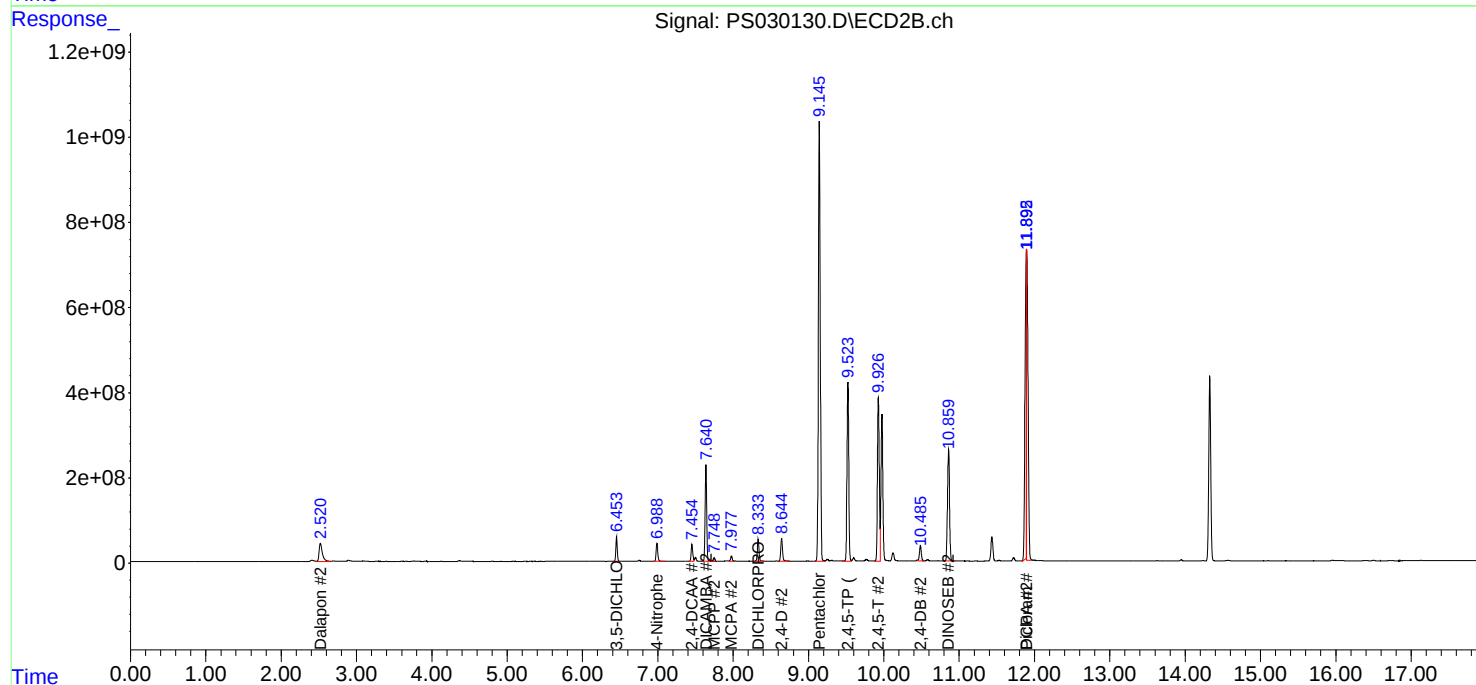
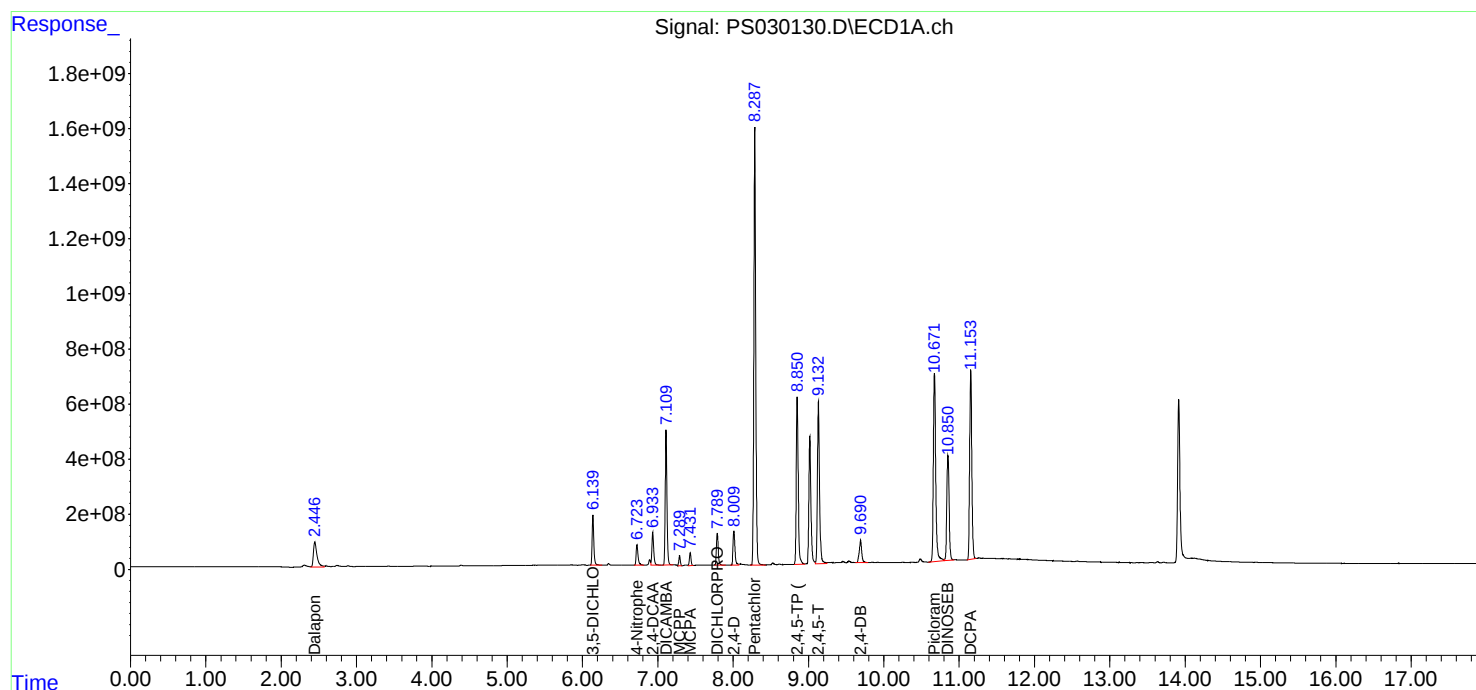
Instrument :
ECD_S
ClientSampleId :
ICVPS051225

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/13/2025
Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 15:04:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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





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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 22:42 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00



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

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/14/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 22:42 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.93	9.93	9.83	10.03	0.00
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.86	10.86	10.76	10.96	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL01 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030202.D Time Analyzed: 22:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.132	9.033	9.233	701.260	712.500	-1.6
2,4,5-TP(Silvex)	8.850	8.750	8.950	699.420	712.500	-1.8
2,4-D	8.010	7.910	8.110	682.710	705.000	-3.2
2,4-DB	9.690	9.589	9.789	733.930	712.500	3.0
2,4-DCAA	6.933	6.834	7.034	725.760	750.000	-3.2
DICAMBA	7.110	7.010	7.210	691.030	705.000	-2.0
DICHLORPROP	7.789	7.689	7.889	680.280	705.000	-3.5
Dinoseb	10.850	10.751	10.951	683.670	705.000	-3.0



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL01 Date Analyzed: 05/14/2025

Lab Sample No.: HSTDCCC750 Data File : PS030202.D Time Analyzed: 22:42

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.925	9.826	10.026	705.510	712.500	-1.0
2,4,5-TP(Silvex)	9.521	9.423	9.623	710.430	712.500	-0.3
2,4-D	8.643	8.544	8.744	702.650	705.000	-0.3
2,4-DB	10.483	10.385	10.585	666.360	712.500	-6.5
2,4-DCAA	7.453	7.354	7.554	737.130	750.000	-1.7
DICAMBA	7.638	7.539	7.739	706.190	705.000	0.2
DICHLORPROP	8.330	8.232	8.432	680.660	705.000	-3.5
Dinoseb	10.856	10.758	10.958	689.570	705.000	-2.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030202.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 22:42
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 02:04:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.933	7.453	2066.8E6	589.9E6	725.756	737.133
Target Compounds							
1) T	Dalapon	2.447	2.520	3032.2E6	1273.4E6	616.876	626.991
2) T	3,5-DICHL...	6.138	6.452	2808.9E6	770.6E6	673.499	661.005
3) T	4-Nitroph...	6.724	6.988	1396.7E6	640.1E6	676.153	613.089
5) T	DICAMBA	7.110	7.638	7986.5E6	3338.9E6	691.032	706.191
6) T	MCPD	7.289	7.746	545.7E6	130.4E6	74.937	70.894
7) T	MCPA	7.431	7.976	720.0E6	175.9E6	69.357	66.677
8) T	DICHLORPROP	7.789	8.330	1987.3E6	804.2E6	680.283	680.660
9) T	2,4-D	8.010	8.643	2238.6E6	906.8E6	682.707	702.648
10) T	Pentachlo...	8.286	9.143	28675.2E6	17741.5E6	708.015	718.716
11) T	2,4,5-TP ...	8.850	9.521	11327.8E6	6998.0E6	699.419	710.429
12) T	2,4,5-T	9.132	9.925	11581.5E6	6493.2E6	701.263	705.508
13) T	2,4-DB	9.690	10.483	1915.4E6	661.3E6	733.930	666.362
14) T	DINOSEB	10.850	10.856	7818.7E6	4711.1E6	683.672	689.571
15) T	Picloram	10.670	11.891	14395.7E6	10070.3E6	673.107	715.569m
16) T	DCPA	11.152	11.887	13987.8E6	8701.3E6	702.501	644.036m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030202.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 22:42
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

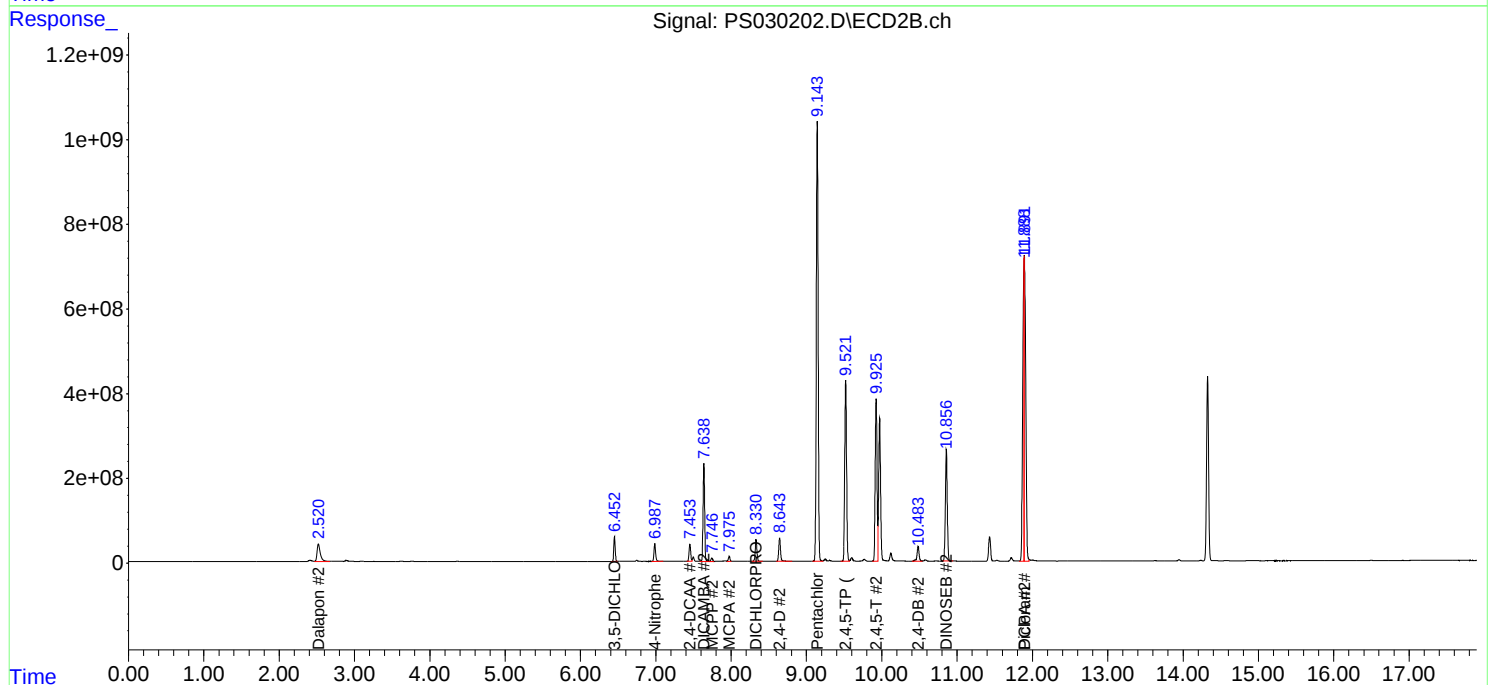
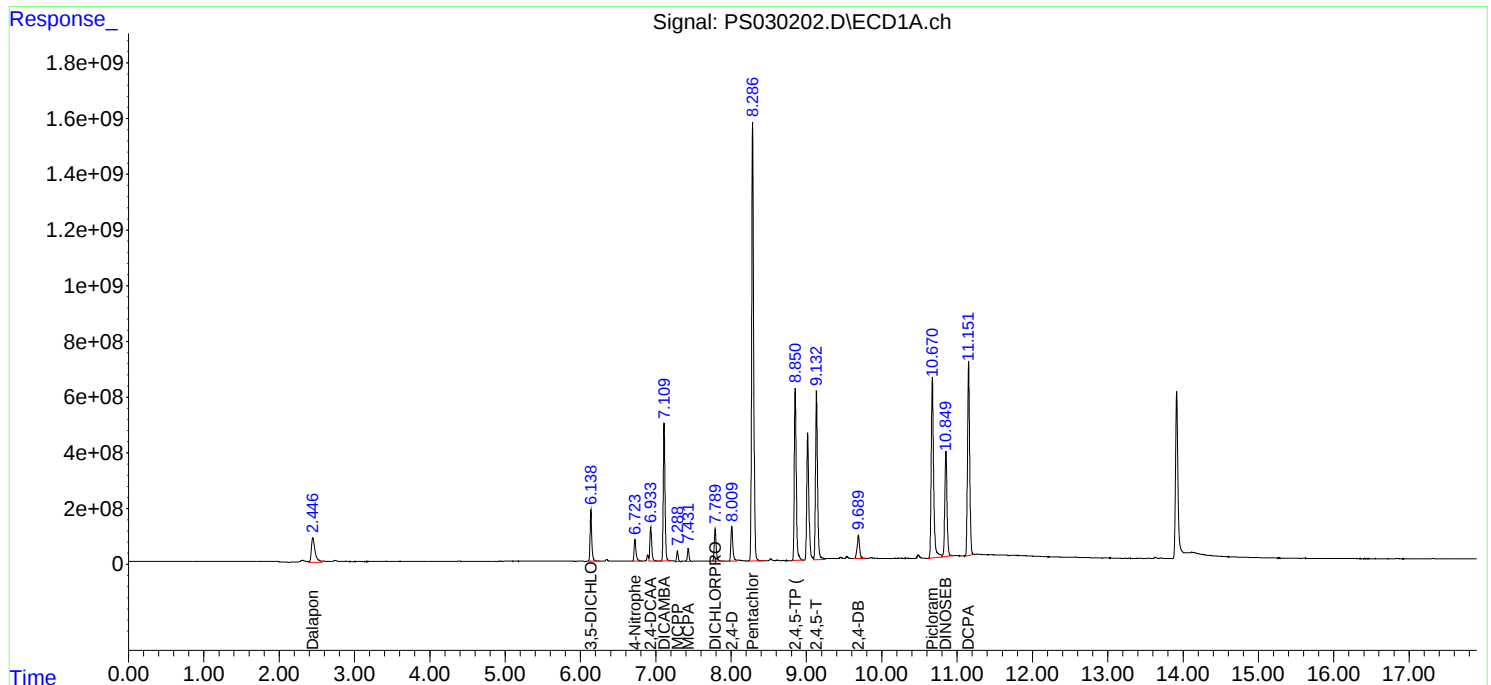
APPROVED

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 02:04:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 05:50 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/15/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 05:50 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.93	9.93	9.83	10.03	0.00
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.86	10.86	10.76	10.96	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL02 Date Analyzed: 05/15/2025

Lab Sample No.: HSTDCCC750 Data File : PS030214.D Time Analyzed: 05:50

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.132	9.033	9.233	710.470	712.500	-0.3
2,4,5-TP(Silvex)	8.850	8.750	8.950	709.200	712.500	-0.5
2,4-D	8.009	7.910	8.110	691.270	705.000	-1.9
2,4-DB	9.690	9.589	9.789	743.140	712.500	4.3
2,4-DCAA	6.933	6.834	7.034	737.200	750.000	-1.7
DICAMBA	7.109	7.010	7.210	702.480	705.000	-0.4
DICHLORPROP	7.789	7.689	7.889	691.550	705.000	-1.9
Dinoseb	10.850	10.751	10.951	692.450	705.000	-1.8



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CALIBRATION VERIFICATION SUMMARY
Contract: CAMP02
Lab Code: CHEM **Case No.:** Q2032 **SAS No.:** Q2032 **SDG NO.:** Q2032
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/12/2025 05/12/2025
Client Sample No.: CCAL02 **Date Analyzed:** 05/15/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030214.D **Time Analyzed:** 05:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.925	9.826	10.026	712.150	712.500	0.0
2,4,5-TP(Silvex)	9.521	9.423	9.623	719.650	712.500	1.0
2,4-D	8.643	8.544	8.744	710.310	705.000	0.8
2,4-DB	10.483	10.385	10.585	636.260	712.500	-10.7
2,4-DCAA	7.452	7.354	7.554	745.760	750.000	-0.6
DICAMBA	7.638	7.539	7.739	715.570	705.000	1.5
DICHLORPROP	8.330	8.232	8.432	691.480	705.000	-1.9
Dinoseb	10.856	10.758	10.958	698.230	705.000	-1.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
 Data File : PS030214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 05:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:43:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.933	7.452	2099.4E6	596.8E6	737.196	745.761
Target Compounds							
1) T	Dalapon	2.446	2.520	3067.3E6	1284.2E6	624.021	632.297
2) T	3,5-DICHL...	6.138	6.452	2858.6E6	783.4E6	685.413	671.990
3) T	4-Nitroph...	6.723	6.987	1419.7E6	649.4E6	687.283	621.996
5) T	DICAMBA	7.109	7.638	8118.8E6	3383.2E6	702.477	715.573
6) T	MCPD	7.289	7.746	552.7E6	131.5E6	75.891	71.503
7) T	MCPA	7.432	7.976	731.7E6	180.6E6	70.482	68.460
8) T	DICHLORPROP	7.789	8.330	2020.2E6	816.9E6	691.545	691.485
9) T	2,4-D	8.009	8.643	2266.6E6	916.7E6	691.271	710.309
10) T	Pentachlo...	8.287	9.143	29024.0E6	17945.6E6	716.627	726.986
11) T	2,4,5-TP ...	8.850	9.521	11486.2E6	7088.9E6	709.199	719.649
12) T	2,4,5-T	9.132	9.925	11733.6E6	6554.3E6	710.470	712.148
13) T	2,4-DB	9.690	10.483	1939.4E6	631.4E6	743.143	636.256
14) T	DINOSEB	10.850	10.856	7919.2E6	4770.3E6	692.454	698.232
15) T	Picloram	10.671	11.891	14315.7E6	9956.0E6	669.367	707.446m
16) T	DCPA	11.152	11.889	14136.6E6	9458.3E6	709.971	700.073m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 05:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

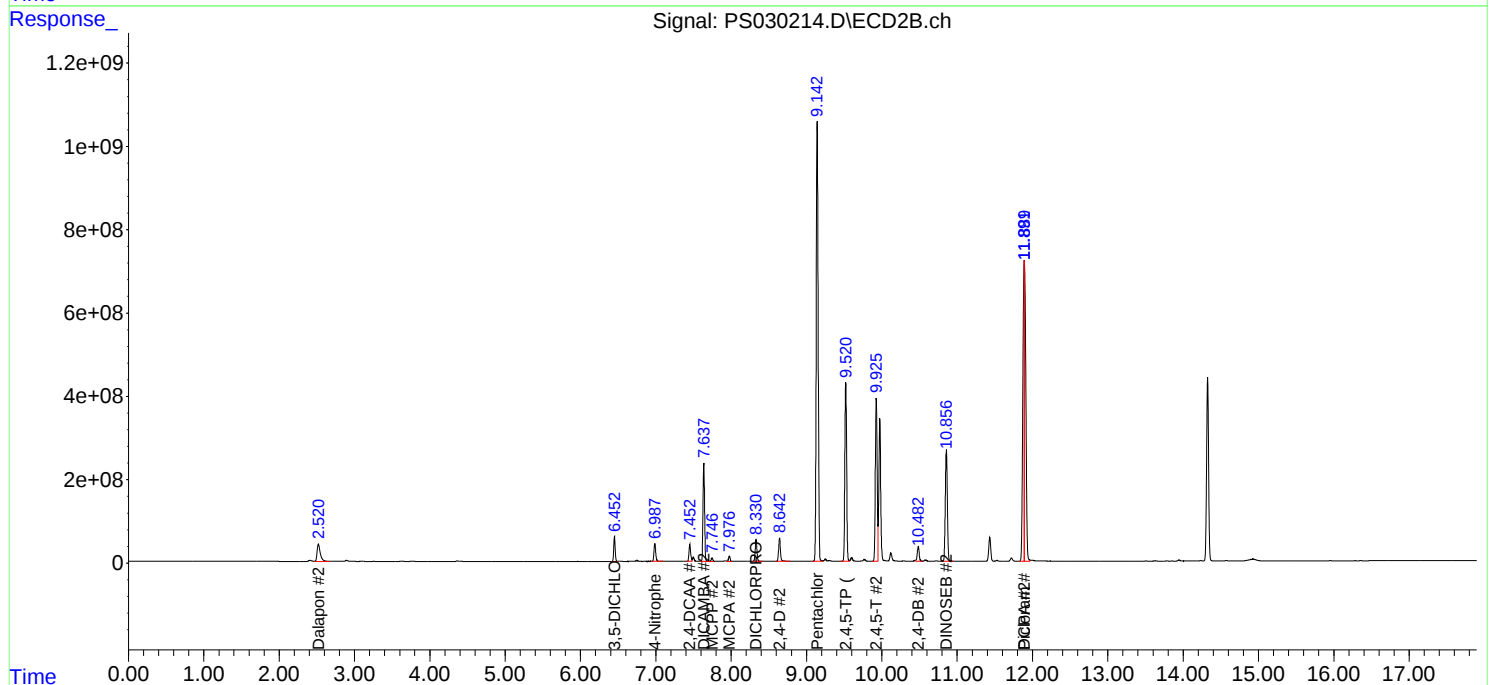
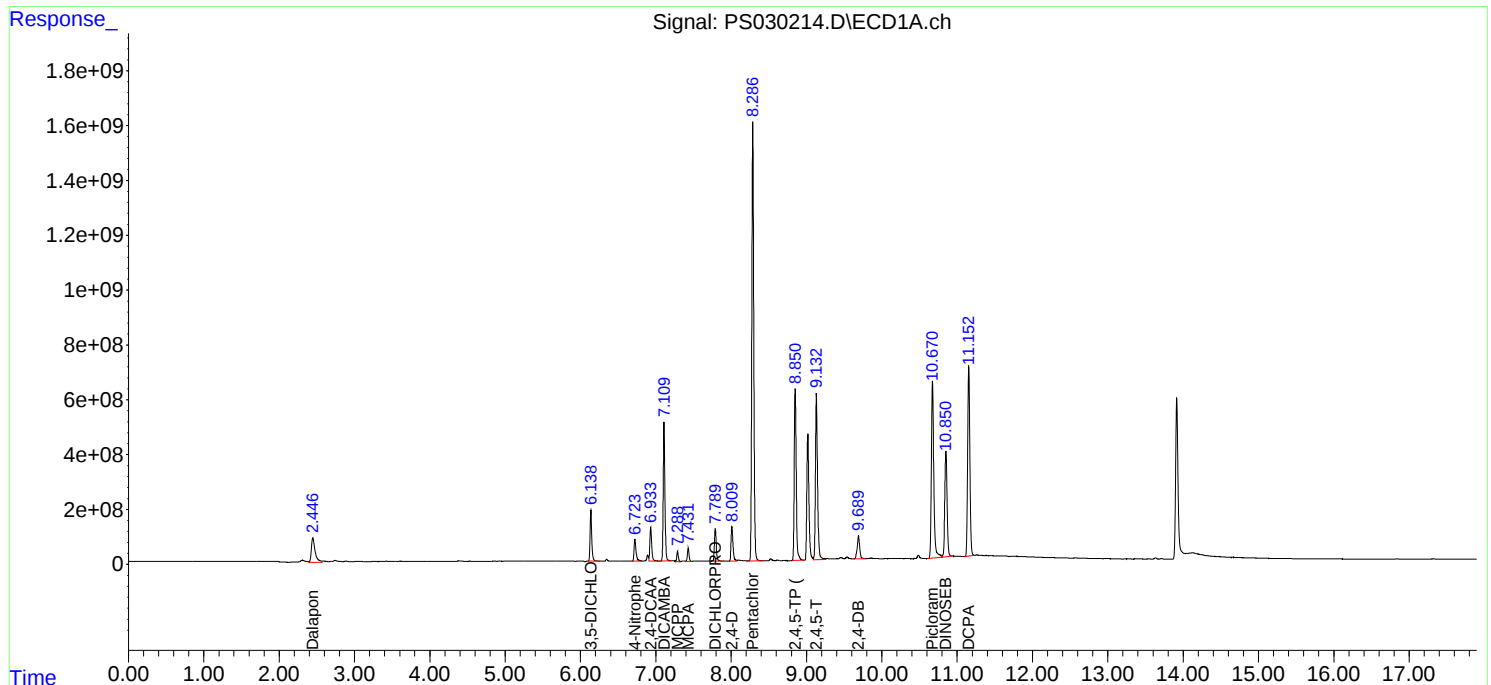
APPROVED

Reviewed By :Abdul Mirza 05/15/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:43:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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,
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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/19/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 09:18 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/19/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 09:18 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.92	9.93	9.83	10.03	0.01
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.85	10.86	10.76	10.96	0.01



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CALIBRATION VERIFICATION SUMMARY
Contract: CAMP02
Lab Code: CHEM **Case No.:** Q2032 **SAS No.:** Q2032 **SDG NO.:** Q2032
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/12/2025 05/12/2025
Client Sample No.: CCAL03 **Date Analyzed:** 05/19/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030259.D **Time Analyzed:** 09:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.131	9.033	9.233	741.330	712.500	4.0
2,4,5-TP(Silvex)	8.849	8.750	8.950	741.520	712.500	4.1
2,4-D	8.008	7.910	8.110	721.550	705.000	2.3
2,4-DB	9.688	9.589	9.789	790.740	712.500	11.0
2,4-DCAA	6.932	6.834	7.034	764.820	750.000	2.0
DICAMBA	7.108	7.010	7.210	731.410	705.000	3.7
DICHLORPROP	7.788	7.689	7.889	718.270	705.000	1.9
Dinoseb	10.849	10.751	10.951	725.310	705.000	2.9



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL03 Date Analyzed: 05/19/2025

Lab Sample No.: HSTDCCC750 Data File : PS030259.D Time Analyzed: 09:18

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.922	9.826	10.026	721.940	712.500	1.3
2,4,5-TP(Silvex)	9.519	9.423	9.623	731.420	712.500	2.7
2,4-D	8.641	8.544	8.744	711.450	705.000	0.9
2,4-DB	10.480	10.385	10.585	634.210	712.500	-11.0
2,4-DCAA	7.451	7.354	7.554	742.740	750.000	-1.0
DICAMBA	7.637	7.539	7.739	715.420	705.000	1.5
DICHLORPROP	8.329	8.232	8.432	691.050	705.000	-2.0
Dinoseb	10.854	10.758	10.958	713.860	705.000	1.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 09:18
 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: May 19 11:15:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.932	7.451	2178.1E6	594.3E6	764.820	742.742
Target Compounds							
1) T	Dalapon	2.446	2.519	3428.7E6	1387.5E6	697.548	683.138
2) T	3,5-DICHL...	6.137	6.451	2959.2E6	768.4E6	709.544	659.078
3) T	4-Nitroph...	6.722	6.986	1468.7E6	627.6E6	711.001	601.096
5) T	DICAMBA	7.108	7.637	8453.2E6	3382.5E6	731.413	715.423
6) T	MCPD	7.288	7.745	575.0E6	133.3E6	78.961	72.478
7) T	MCPA	7.431	7.975	754.4E6	186.0E6	72.667	70.505
8) T	DICHLORPROP	7.788	8.329	2098.3E6	816.4E6	718.270	691.054
9) T	2,4-D	8.008	8.641	2365.9E6	918.1E6	721.547	711.454
10) T	Pentachlo...	8.286	9.141	30212.2E6	18177.7E6	745.966	736.387
11) T	2,4,5-TP ...	8.849	9.519	12009.6E6	7204.8E6	741.518	731.418
12) T	2,4,5-T	9.131	9.922	12243.2E6	6644.4E6	741.330	721.938
13) T	2,4-DB	9.688	10.480	2063.6E6	629.4E6	790.736	634.209
14) T	DINOSEB	10.849	10.854	8294.9E6	4877.1E6	725.311	713.859
15) T	Picloram	10.669	11.890	15915.4E6	10011.9E6	744.164	711.420m
16) T	DCPA	11.151	11.889	14738.1E6	10057.4E6	740.181	744.411m

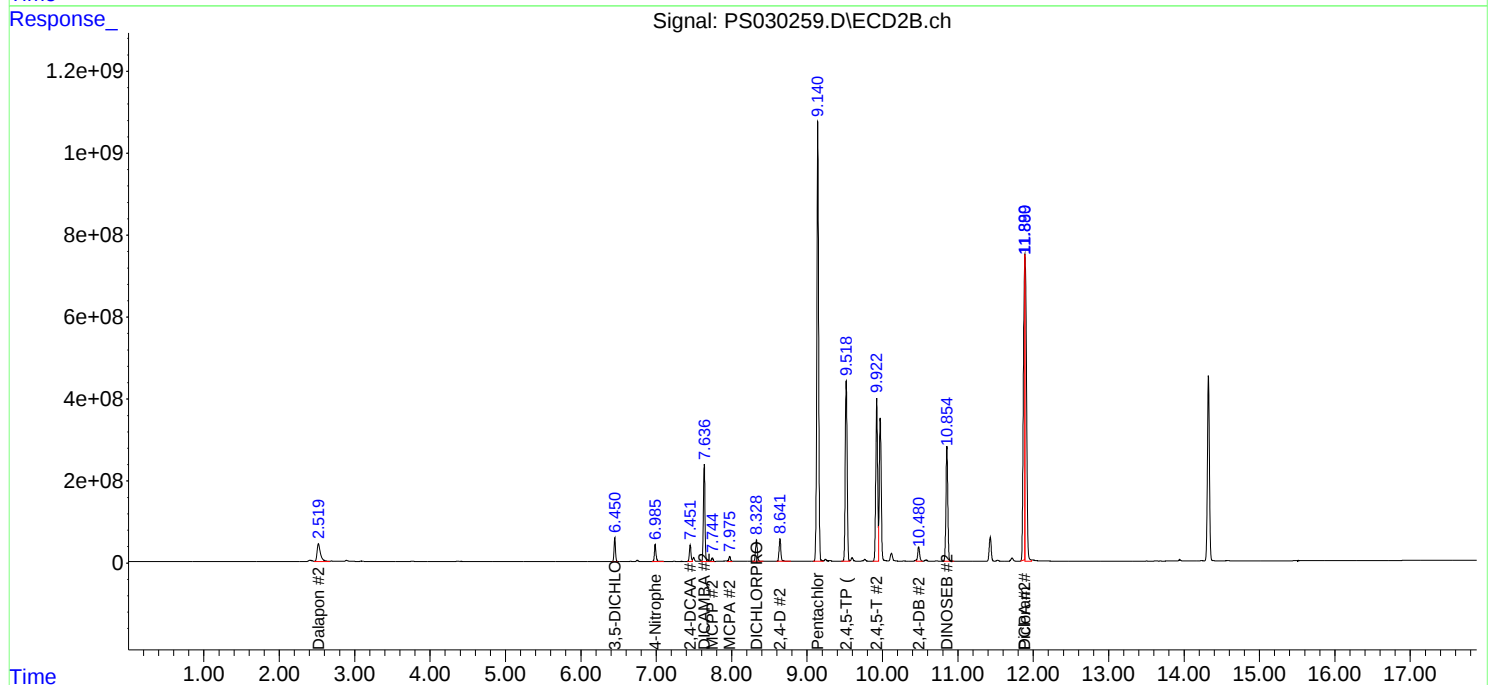
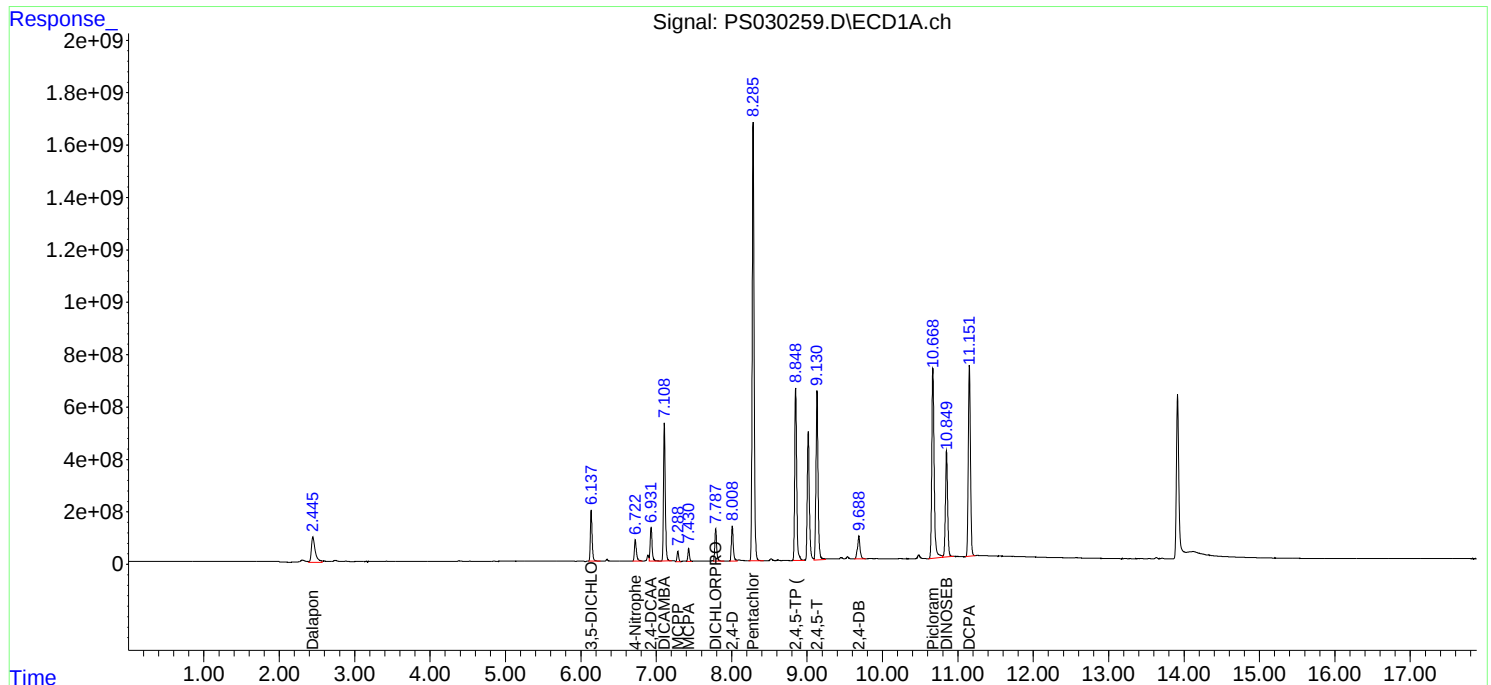
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 09:18
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: May 19 11:15:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/19/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 11:48 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/19/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 11:48 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.92	9.93	9.83	10.03	0.01
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.85	10.86	10.76	10.96	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL04 Date Analyzed: 05/19/2025

Lab Sample No.: HSTDCCC750 Data File : PS030264.D Time Analyzed: 11:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.130	9.033	9.233	733.740	712.500	3.0
2,4,5-TP(Silvex)	8.849	8.750	8.950	731.940	712.500	2.7
2,4-D	8.008	7.910	8.110	715.780	705.000	1.5
2,4-DB	9.688	9.589	9.789	785.740	712.500	10.3
2,4-DCAA	6.932	6.834	7.034	756.570	750.000	0.9
DICAMBA	7.108	7.010	7.210	721.170	705.000	2.3
DICHLORPROP	7.788	7.689	7.889	707.740	705.000	0.4
Dinoseb	10.849	10.751	10.951	714.260	705.000	1.3



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CALIBRATION VERIFICATION SUMMARY
Contract: CAMP02
Lab Code: CHEM **Case No.:** Q2032 **SAS No.:** Q2032 **SDG NO.:** Q2032
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 05/12/2025 05/12/2025
Client Sample No.: CCAL04 **Date Analyzed:** 05/19/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030264.D **Time Analyzed:** 11:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.922	9.826	10.026	721.700	712.500	1.3
2,4,5-TP(Silvex)	9.518	9.423	9.623	727.120	712.500	2.1
2,4-D	8.641	8.544	8.744	705.740	705.000	0.1
2,4-DB	10.480	10.385	10.585	661.390	712.500	-7.2
2,4-DCAA	7.451	7.354	7.554	737.310	750.000	-1.7
DICAMBA	7.636	7.539	7.739	715.630	705.000	1.5
DICHLORPROP	8.329	8.232	8.432	687.950	705.000	-2.4
Dinoseb	10.854	10.758	10.958	711.010	705.000	0.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 11:48
 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: May 20 02:08:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.932	7.451	2154.6E6	590.0E6	756.567	737.310
Target Compounds							
1) T	Dalapon	2.445	2.520	3397.5E6	1373.8E6	691.203	676.388
2) T	3,5-DICHL...	6.137	6.451	2927.3E6	765.6E6	701.892	656.691
3) T	4-Nitroph...	6.722	6.986	1444.3E6	629.1E6	699.208	602.548
5) T	DICAMBA	7.108	7.636	8334.8E6	3383.5E6	721.166	715.631
6) T	MCP	7.288	7.744	565.0E6	130.1E6	77.575	70.711
7) T	MCPA	7.430	7.974	741.2E6	182.4E6	71.401	69.136
8) T	DICHLORPROP	7.788	8.329	2067.6E6	812.8E6	707.740	687.954
9) T	2,4-D	8.008	8.641	2347.0E6	910.8E6	715.782	705.741
10) T	Pentachlo...	8.285	9.140	29833.7E6	18109.8E6	736.621	733.637
11) T	2,4,5-TP ...	8.849	9.518	11854.5E6	7162.4E6	731.937	727.119
12) T	2,4,5-T	9.130	9.922	12117.9E6	6642.3E6	733.743	721.704
13) T	2,4-DB	9.688	10.480	2050.6E6	656.3E6	785.737	661.390
14) T	DINOSEB	10.849	10.854	8168.5E6	4857.6E6	714.258	711.006
15) T	Picloram	10.668	11.889	15755.5E6	9793.9E6	736.685	695.927m
16) T	DCPA	11.151	11.890	14561.5E6	10654.1E6	731.310	788.579m

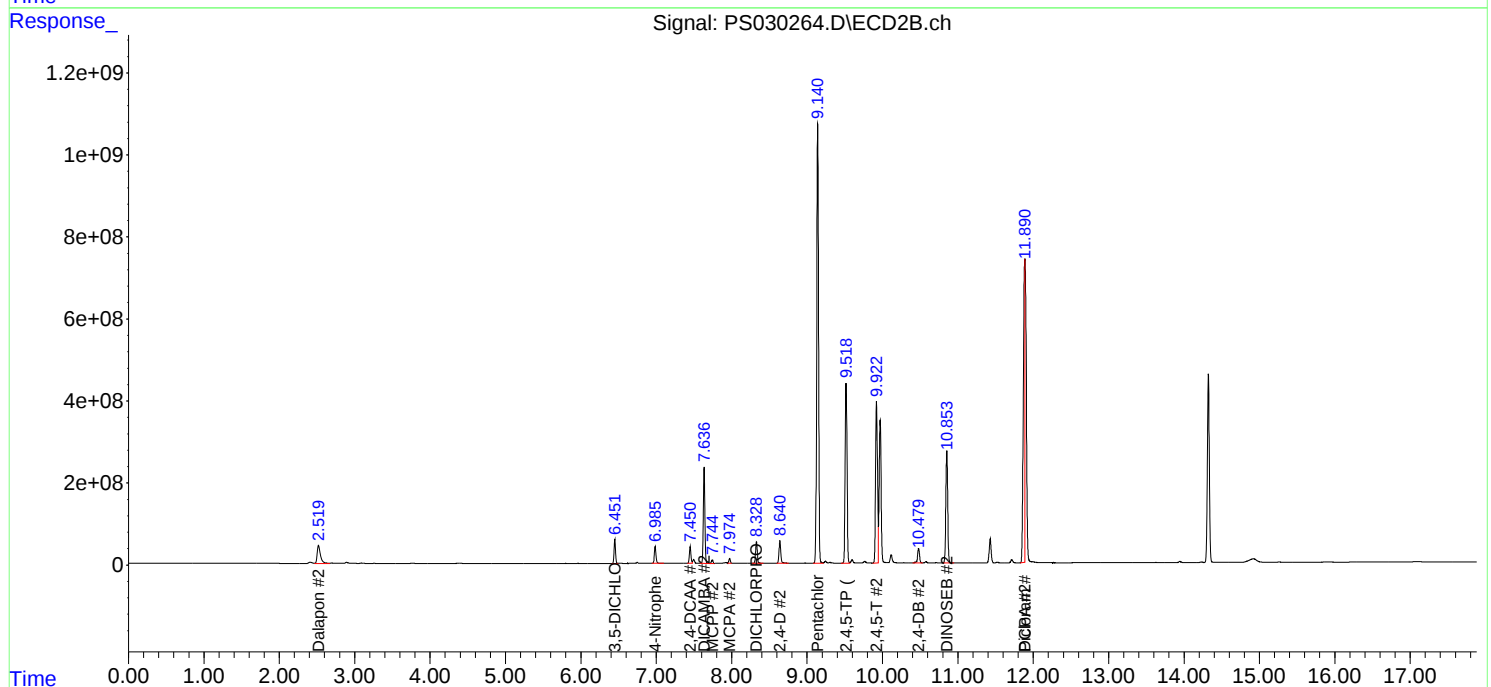
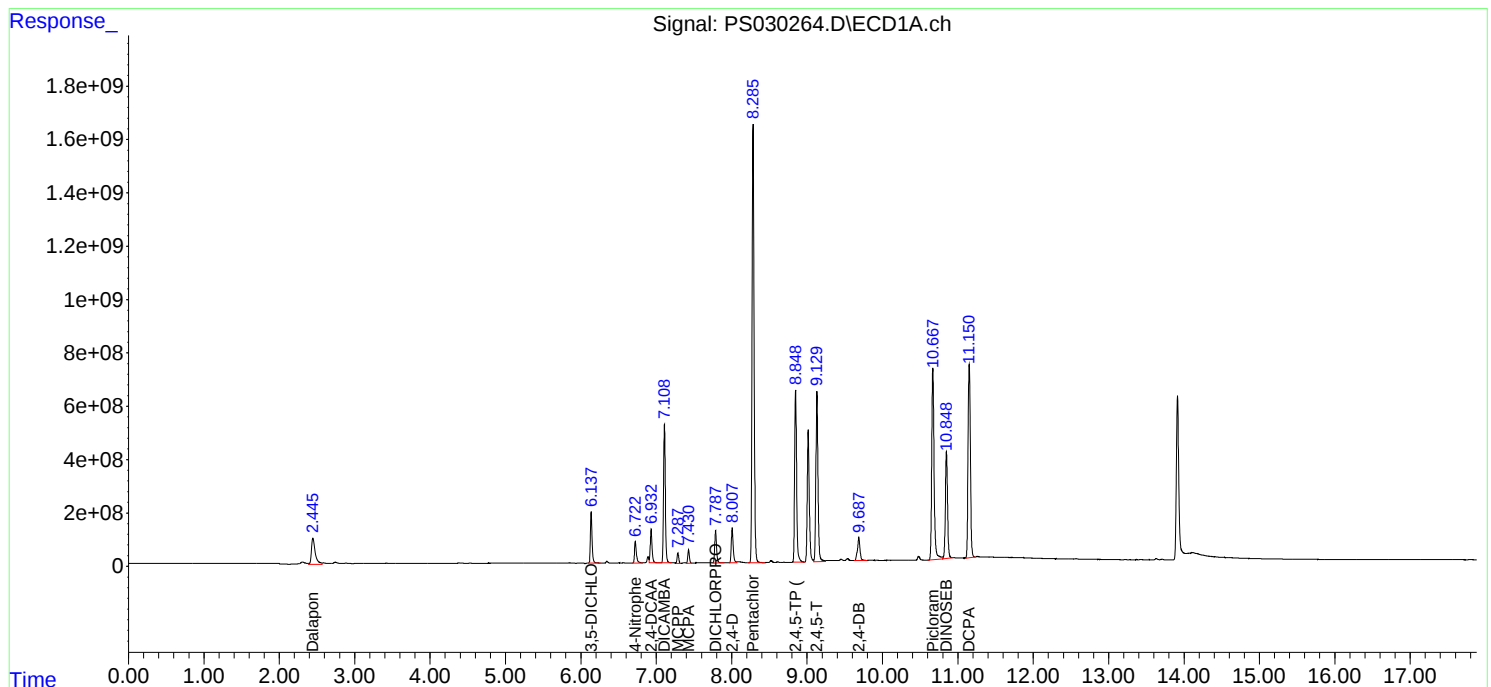
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:48
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: May 20 02:08:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/19/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 16:37 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/19/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 16:37 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.92	9.93	9.83	10.03	0.01
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.85	10.86	10.76	10.96	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL05 Date Analyzed: 05/19/2025

Lab Sample No.: HSTDCCC750 Data File : PS030276.D Time Analyzed: 16:37

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.130	9.033	9.233	740.040	712.500	3.9
2,4,5-TP(Silvex)	8.849	8.750	8.950	734.250	712.500	3.1
2,4-D	8.008	7.910	8.110	722.650	705.000	2.5
2,4-DB	9.688	9.589	9.789	792.670	712.500	11.3
2,4-DCAA	6.932	6.834	7.034	761.130	750.000	1.5
DICAMBA	7.108	7.010	7.210	724.110	705.000	2.7
DICHLORPROP	7.788	7.689	7.889	713.170	705.000	1.2
Dinoseb	10.849	10.751	10.951	718.030	705.000	1.8



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL05 Date Analyzed: 05/19/2025

Lab Sample No.: HSTDCCC750 Data File : PS030276.D Time Analyzed: 16:37

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.922	9.826	10.026	735.560	712.500	3.2
2,4,5-TP(Silvex)	9.518	9.423	9.623	740.370	712.500	3.9
2,4-D	8.641	8.544	8.744	720.730	705.000	2.2
2,4-DB	10.481	10.385	10.585	672.490	712.500	-5.6
2,4-DCAA	7.451	7.354	7.554	751.730	750.000	0.2
DICAMBA	7.636	7.539	7.739	729.140	705.000	3.4
DICHLORPROP	8.329	8.232	8.432	702.130	705.000	-0.4
Dinoseb	10.854	10.758	10.958	727.930	705.000	3.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 16:37
 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: May 20 02:08:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.932	7.451	2167.6E6	601.5E6	761.131	751.735
Target Compounds							
1) T	Dalapon	2.446	2.519	3426.0E6	1387.6E6	697.008	683.185
2) T	3,5-DICHL...	6.137	6.451	2951.1E6	778.7E6	707.616	667.959
3) T	4-Nitroph...	6.722	6.986	1463.7E6	645.1E6	708.580	617.861
5) T	DICAMBA	7.108	7.636	8368.8E6	3447.4E6	724.114	729.140
6) T	MCP	7.288	7.745	565.9E6	130.2E6	77.706	70.790
7) T	MCPA	7.430	7.974	746.7E6	176.4E6	71.933	66.871
8) T	DICHLORPROP	7.788	8.329	2083.4E6	829.5E6	713.172	702.133
9) T	2,4-D	8.008	8.641	2369.5E6	930.1E6	722.645	720.726
10) T	Pentachlo...	8.285	9.140	30076.2E6	18477.5E6	742.608	748.534
11) T	2,4,5-TP ...	8.849	9.518	11891.9E6	7293.0E6	734.248	740.374
12) T	2,4,5-T	9.130	9.922	12221.9E6	6769.8E6	740.038	735.563
13) T	2,4-DB	9.688	10.481	2068.7E6	667.4E6	792.673	672.495
14) T	DINOSEB	10.849	10.854	8211.7E6	4973.2E6	718.032	727.930
15) T	Picloram	10.669	11.890	15956.0E6	9866.3E6	746.064	701.072m
16) T	DCPA	11.151	11.889	14640.5E6	10743.4E6	735.277	795.190m

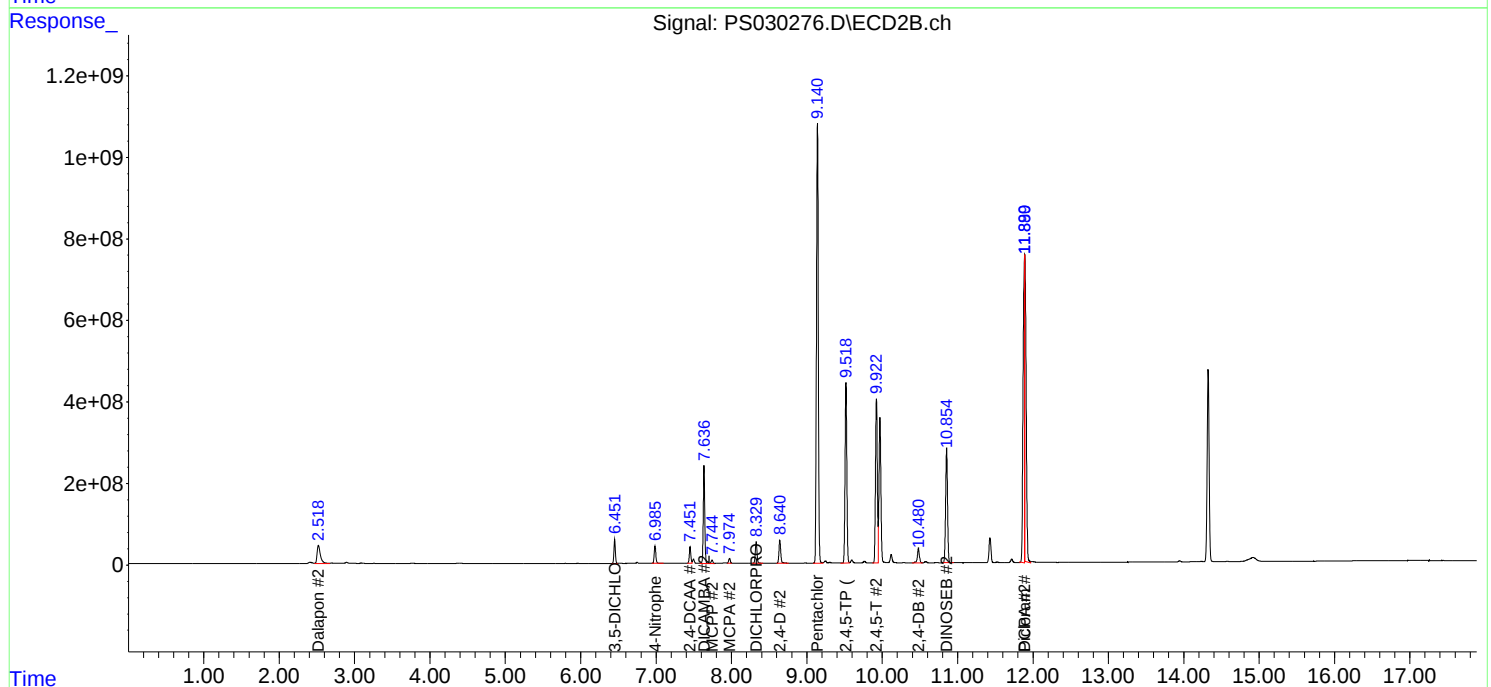
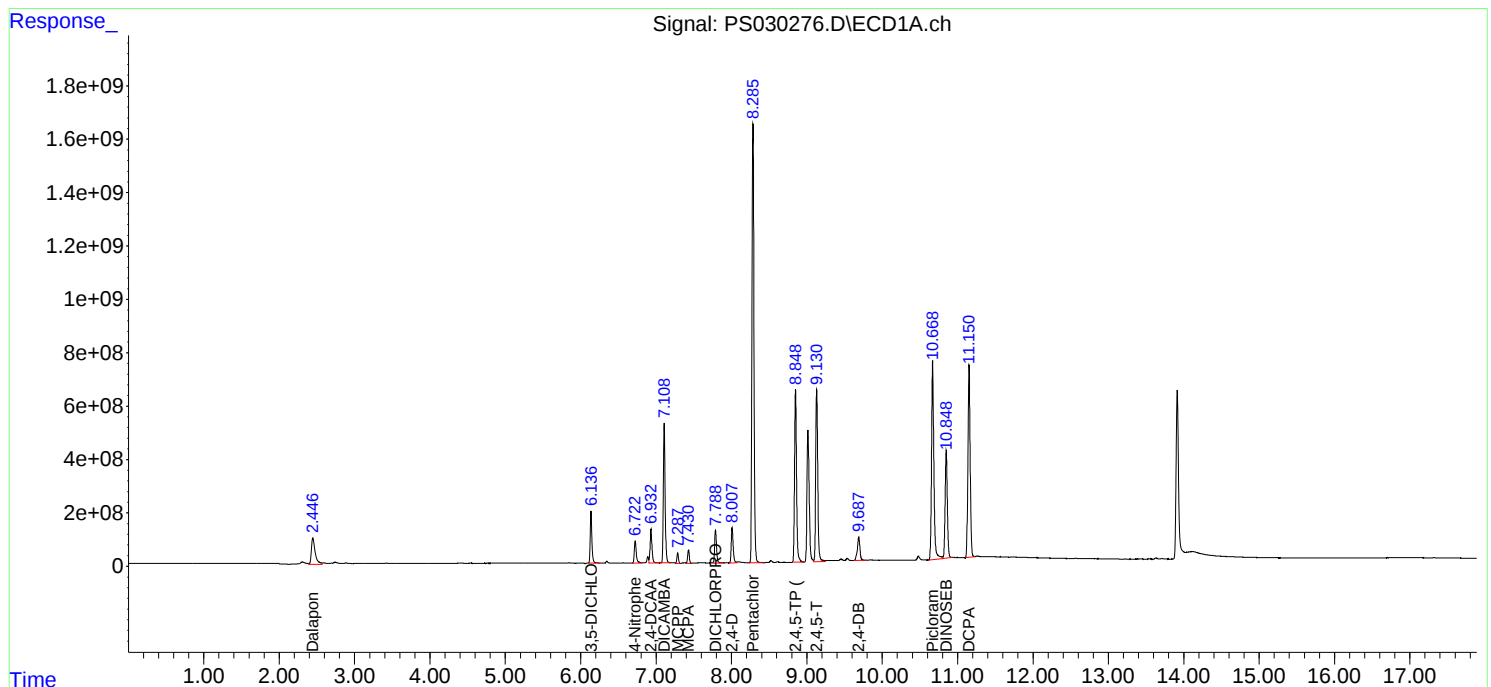
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 16:37
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: May 20 02:08:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/19/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 21:26 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/19/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 21:26 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.92	9.93	9.83	10.03	0.01
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.85	10.86	10.76	10.96	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL06 Date Analyzed: 05/19/2025

Lab Sample No.: HSTDCCC750 Data File : PS030288.D Time Analyzed: 21:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.128	9.033	9.233	720.910	712.500	1.2
2,4,5-TP(Silvex)	8.848	8.750	8.950	717.600	712.500	0.7
2,4-D	8.006	7.910	8.110	703.830	705.000	-0.2
2,4-DB	9.687	9.589	9.789	777.180	712.500	9.1
2,4-DCAA	6.931	6.834	7.034	740.950	750.000	-1.2
DICAMBA	7.107	7.010	7.210	704.020	705.000	-0.1
DICHLORPROP	7.787	7.689	7.889	700.140	705.000	-0.7
Dinoseb	10.847	10.751	10.951	705.330	705.000	0.0



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL06 Date Analyzed: 05/19/2025

Lab Sample No.: HSTDCCC750 Data File : PS030288.D Time Analyzed: 21:26

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.920	9.826	10.026	724.480	712.500	1.7
2,4,5-TP(Silvex)	9.517	9.423	9.623	729.750	712.500	2.4
2,4-D	8.639	8.544	8.744	708.970	705.000	0.6
2,4-DB	10.478	10.385	10.585	625.060	712.500	-12.3
2,4-DCAA	7.450	7.354	7.554	739.160	750.000	-1.4
DICAMBA	7.635	7.539	7.739	717.500	705.000	1.8
DICHLORPROP	8.327	8.232	8.432	710.680	705.000	0.8
Dinoseb	10.852	10.758	10.958	713.460	705.000	1.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 21:26
 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: May 20 02:09:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.931	7.450	2110.1E6	591.5E6	740.954	739.158
Target Compounds							
1) T	Dalapon	2.445	2.519	3314.6E6	1361.4E6	674.345	670.306
2) T	3,5-DICHL...	6.136	6.450	2903.4E6	763.9E6	696.174	655.208
3) T	4-Nitroph...	6.721	6.985	1448.8E6	638.2E6	701.390	611.297
5) T	DICAMBA	7.107	7.635	8136.6E6	3392.3E6	704.017	717.499
6) T	MCP	7.286	7.743	552.5E6	127.4E6	75.867	69.225
7) T	MCPA	7.429	7.973	733.1E6	174.6E6	70.623	66.184
8) T	DICHLORPROP	7.787	8.327	2045.4E6	839.6E6	700.142	710.678
9) T	2,4-D	8.006	8.639	2307.8E6	914.9E6	703.833	708.971
10) T	Pentachlo...	8.284	9.139	29413.1E6	18173.5E6	726.235	736.216
11) T	2,4,5-TP ...	8.848	9.517	11622.2E6	7188.3E6	717.600	729.748
12) T	2,4,5-T	9.128	9.920	11905.9E6	6667.9E6	720.905	724.483
13) T	2,4-DB	9.687	10.478	2028.3E6	620.3E6	777.177	625.061
14) T	DINOSEB	10.847	10.852	8066.4E6	4874.3E6	705.328	713.456
15) T	Picloram	10.667	11.888	15583.6E6	9714.5E6	728.648	690.288m
16) T	DCPA	11.149	11.886	14311.1E6	10023.6E6	718.737	741.914m

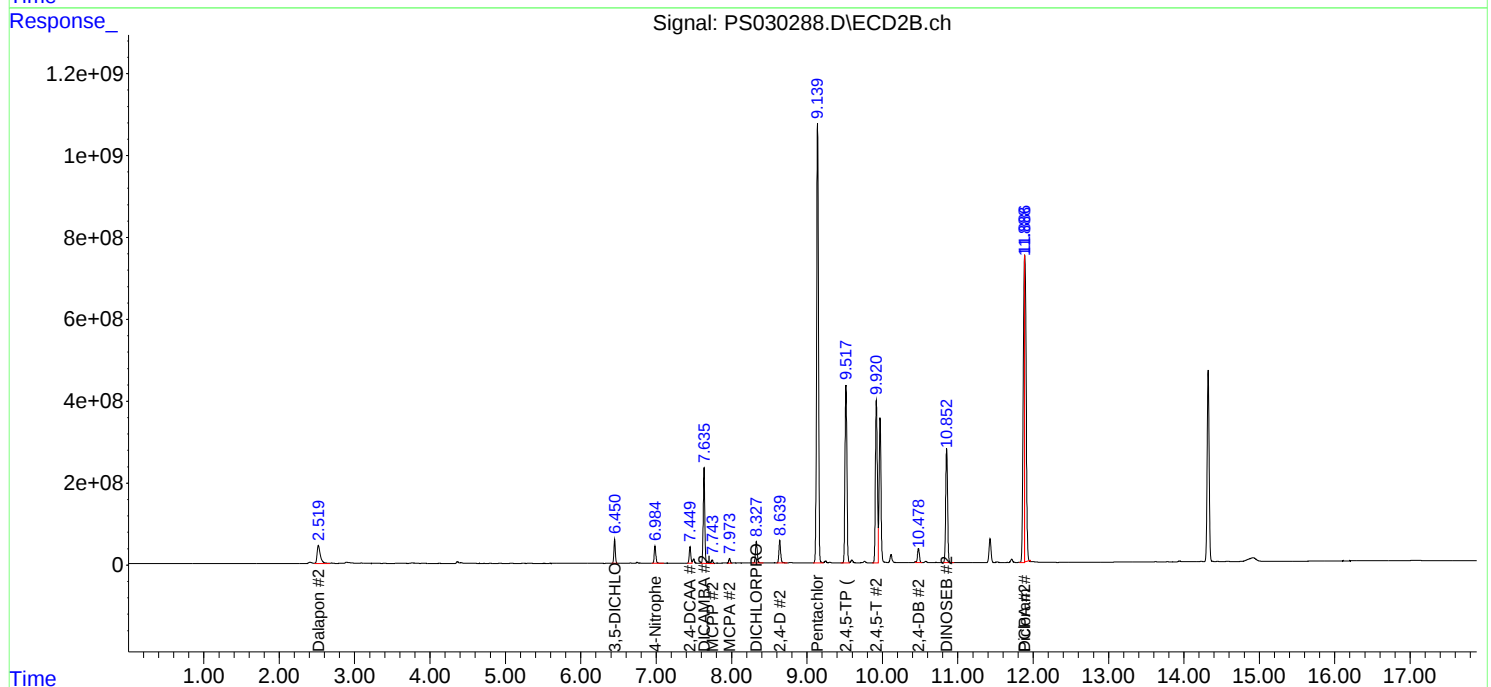
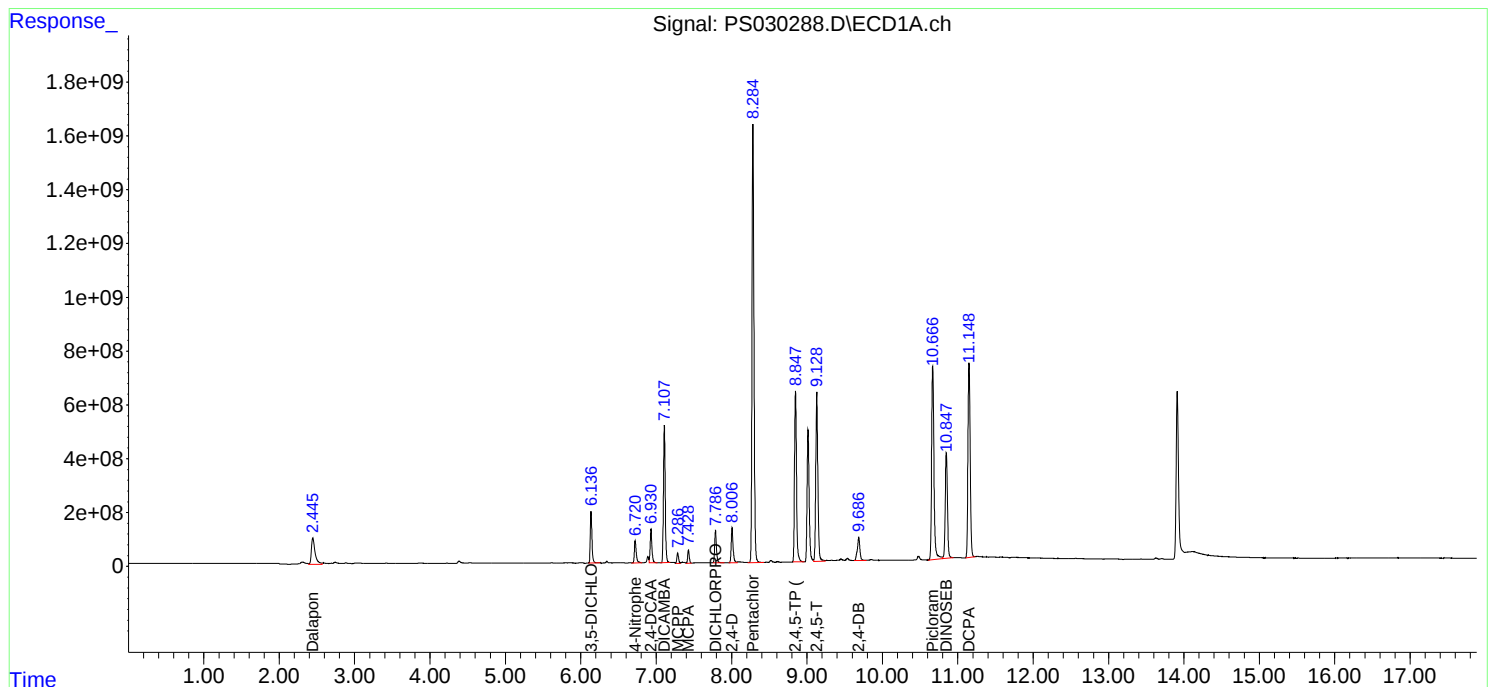
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 21:26
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: May 20 02:09:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/20/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 02:15 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.11	7.01	7.21	0.00
2,4-DCAA	6.93	6.93	6.83	7.03	0.00
DICHLORPROP	7.79	7.79	7.69	7.89	0.00
2,4-D	8.01	8.01	7.91	8.11	0.00
2,4,5-TP(Silvex)	8.85	8.85	8.75	8.95	0.00
2,4,5-T	9.13	9.13	9.03	9.23	0.00
2,4-DB	9.69	9.69	9.59	9.79	0.00
Dinoseb	10.85	10.85	10.75	10.95	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

Continuing Calib Date: 05/20/2025 Initial Calibration Date(s): 05/12/2025 05/12/2025

Continuing Calib Time: 02:15 Initial Calibration Time(s): 12:30 14:06

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.64	7.64	7.54	7.74	0.00
2,4-DCAA	7.45	7.45	7.35	7.55	0.00
DICHLORPROP	8.33	8.33	8.23	8.43	0.00
2,4-D	8.64	8.64	8.54	8.74	0.00
2,4,5-TP(Silvex)	9.52	9.52	9.42	9.62	0.00
2,4,5-T	9.92	9.93	9.83	10.03	0.01
2,4-DB	10.48	10.49	10.39	10.59	0.01
Dinoseb	10.85	10.86	10.76	10.96	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL07 Date Analyzed: 05/20/2025

Lab Sample No.: HSTDCCC750 Data File : PS030300.D Time Analyzed: 02:15

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.128	9.033	9.233	747.950	712.500	5.0
2,4,5-TP(Silvex)	8.847	8.750	8.950	740.100	712.500	3.9
2,4-D	8.006	7.910	8.110	727.670	705.000	3.2
2,4-DB	9.686	9.589	9.789	797.900	712.500	12.0
2,4-DCAA	6.930	6.834	7.034	766.930	750.000	2.3
DICAMBA	7.107	7.010	7.210	731.780	705.000	3.8
DICHLORPROP	7.786	7.689	7.889	718.720	705.000	1.9
Dinoseb	10.846	10.751	10.951	723.570	705.000	2.6



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CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032 SAS No.: Q2032 SDG NO.: Q2032

GC Column: RTX-CLP2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/12/2025 05/12/2025

Client Sample No.: CCAL07 Date Analyzed: 05/20/2025

Lab Sample No.: HSTDCCC750 Data File : PS030300.D Time Analyzed: 02:15

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.920	9.826	10.026	738.440	712.500	3.6
2,4,5-TP(Silvex)	9.516	9.423	9.623	744.460	712.500	4.5
2,4-D	8.638	8.544	8.744	726.120	705.000	3.0
2,4-DB	10.478	10.385	10.585	649.170	712.500	-8.9
2,4-DCAA	7.449	7.354	7.554	755.260	750.000	0.7
DICAMBA	7.635	7.539	7.739	731.940	705.000	3.8
DICHLORPROP	8.326	8.232	8.432	705.910	705.000	0.1
Dinoseb	10.852	10.758	10.958	722.680	705.000	2.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030300.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 02:15
 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: May 20 03:26:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.930	7.449	2184.1E6	604.4E6	766.929	755.261
Target Compounds							
1) T	Dalapon	2.445	2.518	3339.5E6	1369.2E6	679.391	674.145
2) T	3,5-DICHL...	6.136	6.450	2979.9E6	782.6E6	714.515	671.304
3) T	4-Nitroph...	6.721	6.984	1486.7E6	647.8E6	719.735	620.438
5) T	DICAMBA	7.107	7.635	8457.5E6	3460.6E6	731.782	731.943
6) T	MCP	7.286	7.743	573.7E6	132.8E6	78.777	72.193
7) T	MCPA	7.429	7.973	759.6E6	185.7E6	73.171	70.415
8) T	DICHLORPROP	7.786	8.326	2099.6E6	834.0E6	718.717	705.911
9) T	2,4-D	8.006	8.638	2386.0E6	937.1E6	727.665	726.120
10) T	Pentachlo...	8.283	9.138	30521.1E6	18583.2E6	753.593	752.815
11) T	2,4,5-TP ...	8.847	9.516	11986.6E6	7333.2E6	740.098	744.459
12) T	2,4,5-T	9.128	9.920	12352.6E6	6796.4E6	747.952	738.444
13) T	2,4-DB	9.686	10.478	2082.3E6	644.2E6	797.897	649.174
14) T	DINOSEB	10.846	10.852	8275.0E6	4937.3E6	723.566	722.681
15) T	Picloram	10.667	11.887	15907.0E6	11048.5E6	743.770	785.076m
16) T	DCPA	11.148	11.884	14886.2E6	9743.2E6	747.618	721.159m

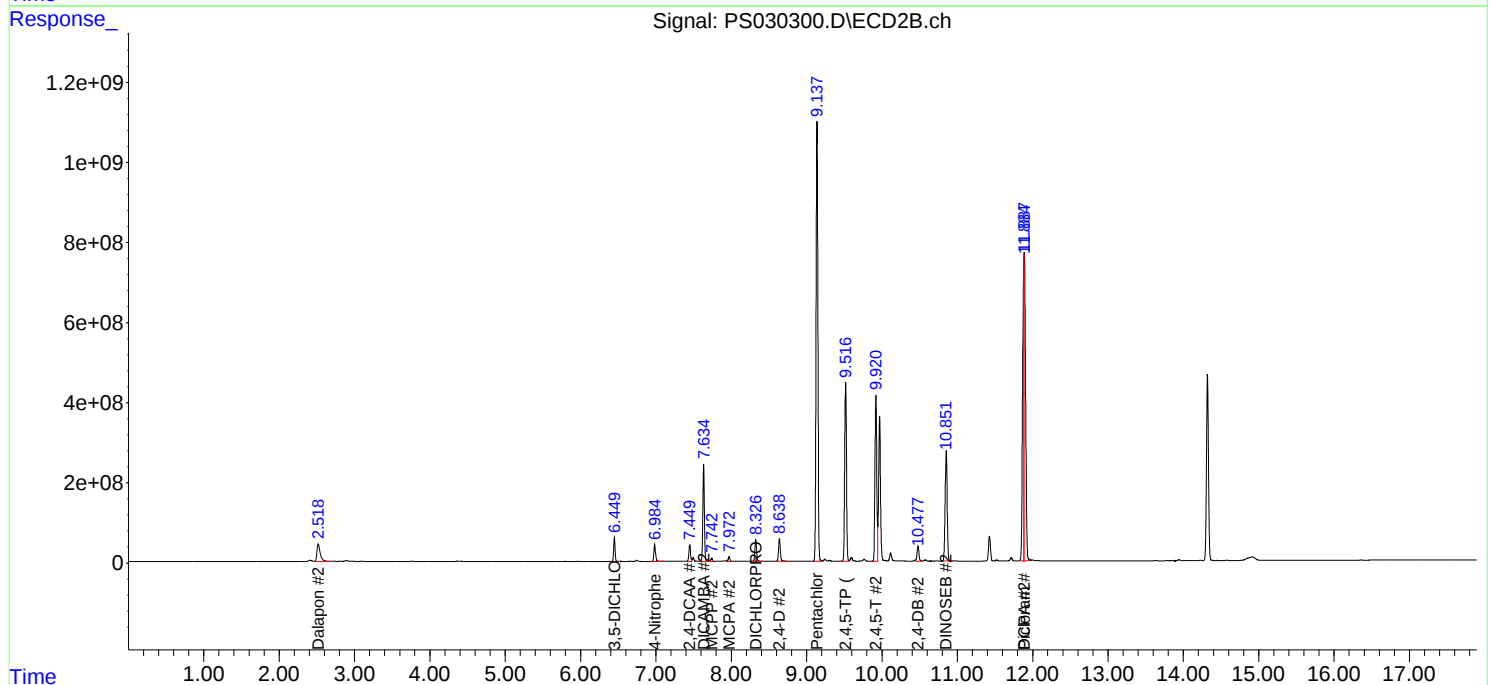
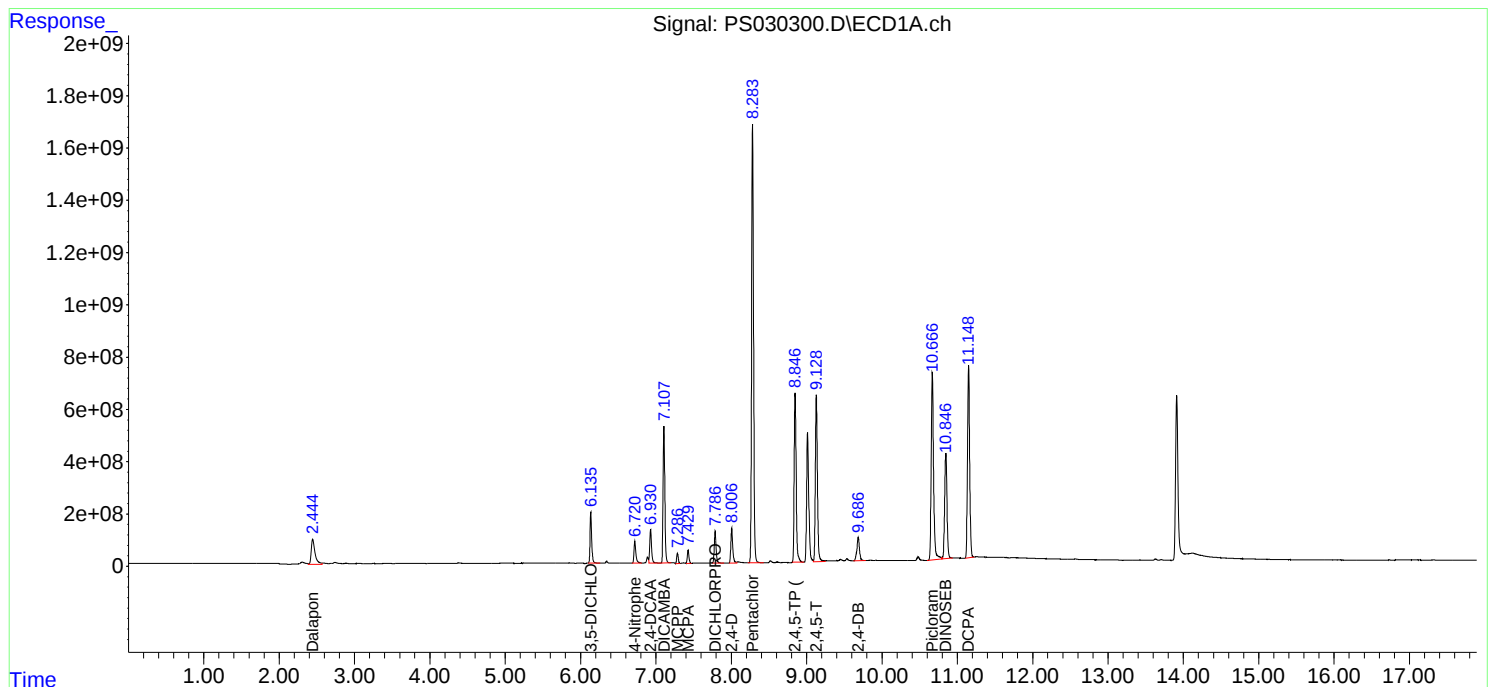
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 02:15
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: May 20 03:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: CDM Smith	SDG No.: Q2032
Project: South River WM Replacement	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 05/12/2025 05/12/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	05/12/2025	12:06	PS030124.D	6.93	0.00
HSTDICC200	HSTDICC200	05/12/2025	12:30	PS030125.D	6.93	0.00
HSTDICC500	HSTDICC500	05/12/2025	12:54	PS030126.D	6.93	0.00
HSTDICC750	HSTDICC750	05/12/2025	13:18	PS030127.D	6.93	0.00
HSTDICC1000	HSTDICC1000	05/12/2025	13:42	PS030128.D	6.93	0.00
HSTDICC1500	HSTDICC1500	05/12/2025	14:06	PS030129.D	6.93	0.00
IBLK	IBLK	05/14/2025	22:18	PS030201.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	22:42	PS030202.D	6.93	0.00
PB168003BL	PB168003BL	05/15/2025	01:06	PS030208.D	6.93	0.00
PB168003BS	PB168003BS	05/15/2025	01:30	PS030209.D	6.93	0.00
PB168003BSD	PB168003BSD	05/15/2025	01:54	PS030210.D	6.93	0.00
FB-05132025	Q2032-11	05/15/2025	05:02	PS030212.D	6.93	0.00
IBLK	IBLK	05/15/2025	05:26	PS030213.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	05:50	PS030214.D	6.93	0.00
IBLK	IBLK	05/19/2025	08:54	PS030258.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	09:18	PS030259.D	6.93	0.00
PB168030BL	PB168030BL	05/19/2025	10:12	PS030260.D	6.93	0.00
PB168030BS	PB168030BS	05/19/2025	10:36	PS030261.D	6.93	0.00
IBLK	IBLK	05/19/2025	11:24	PS030263.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	11:48	PS030264.D	6.93	0.00
IBLK	IBLK	05/19/2025	16:12	PS030275.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	16:37	PS030276.D	6.93	0.00
TP-11	Q2032-01	05/19/2025	18:37	PS030281.D	6.93	0.00
TP-29	Q2032-02	05/19/2025	19:01	PS030282.D	6.93	0.00
TP-29-99	Q2032-03	05/19/2025	19:25	PS030283.D	6.93	0.00
TP-24	Q2032-04	05/19/2025	19:49	PS030284.D	6.93	0.00
TP-24MS	Q2032-05MS	05/19/2025	20:13	PS030285.D	6.93	0.00
TP-24MSD	Q2032-06MSD	05/19/2025	20:38	PS030286.D	6.93	0.00
IBLK	IBLK	05/19/2025	21:02	PS030287.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	21:26	PS030288.D	6.93	0.00
TP-37	Q2032-07	05/19/2025	21:50	PS030289.D	6.93	0.00
TP-32	Q2032-08	05/19/2025	22:14	PS030290.D	6.93	0.00
IBLK	IBLK	05/20/2025	01:51	PS030299.D	6.93	0.00
HSTDCCC750	HSTDCCC750	05/20/2025	02:15	PS030300.D	6.93	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q2032
Project: South River WM Replacement	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 05/12/2025 05/12/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	05/12/2025	12:06	PS030124.D	7.45	0.00
HSTDICC200	HSTDICC200	05/12/2025	12:30	PS030125.D	7.45	0.00
HSTDICC500	HSTDICC500	05/12/2025	12:54	PS030126.D	7.45	0.00
HSTDICC750	HSTDICC750	05/12/2025	13:18	PS030127.D	7.45	0.00
HSTDICC1000	HSTDICC1000	05/12/2025	13:42	PS030128.D	7.45	0.00
HSTDICC1500	HSTDICC1500	05/12/2025	14:06	PS030129.D	7.45	0.00
IBLK	IBLK	05/14/2025	22:18	PS030201.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/14/2025	22:42	PS030202.D	7.45	0.00
PB168003BL	PB168003BL	05/15/2025	01:06	PS030208.D	7.45	0.00
PB168003BS	PB168003BS	05/15/2025	01:30	PS030209.D	7.45	0.00
PB168003BSD	PB168003BSD	05/15/2025	01:54	PS030210.D	7.45	0.00
FB-05132025	Q2032-11	05/15/2025	05:02	PS030212.D	7.45	0.00
IBLK	IBLK	05/15/2025	05:26	PS030213.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/15/2025	05:50	PS030214.D	7.45	0.00
IBLK	IBLK	05/19/2025	08:54	PS030258.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	09:18	PS030259.D	7.45	0.00
PB168030BL	PB168030BL	05/19/2025	10:12	PS030260.D	7.45	0.00
PB168030BS	PB168030BS	05/19/2025	10:36	PS030261.D	7.45	0.00
IBLK	IBLK	05/19/2025	11:24	PS030263.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	11:48	PS030264.D	7.45	0.00
IBLK	IBLK	05/19/2025	16:12	PS030275.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	16:37	PS030276.D	7.45	0.00
TP-11	Q2032-01	05/19/2025	18:37	PS030281.D	7.45	0.00
TP-29	Q2032-02	05/19/2025	19:01	PS030282.D	7.45	0.00
TP-29-99	Q2032-03	05/19/2025	19:25	PS030283.D	7.45	0.00
TP-24	Q2032-04	05/19/2025	19:49	PS030284.D	7.45	0.00
TP-24MS	Q2032-05MS	05/19/2025	20:13	PS030285.D	7.45	0.00
TP-24MSD	Q2032-06MSD	05/19/2025	20:38	PS030286.D	7.45	0.00
IBLK	IBLK	05/19/2025	21:02	PS030287.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/19/2025	21:26	PS030288.D	7.45	0.00
TP-37	Q2032-07	05/19/2025	21:50	PS030289.D	7.45	0.00
TP-32	Q2032-08	05/19/2025	22:14	PS030290.D	7.45	0.00
IBLK	IBLK	05/20/2025	01:51	PS030299.D	7.45	0.00
HSTDCCC750	HSTDCCC750	05/20/2025	02:15	PS030300.D	7.45	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168003BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032

SAS No.: Q2032

SDG NO.: Q2032

Lab Sample ID: PB168003BS

Date(s) Analyzed: 05/15/2025 05/15/2025

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		
DICHLORPROP	1	7.79	7.74	7.84	4.80	0
	2	8.33	8.28	8.38	4.80	
2,4-D	1	8.01	7.96	8.06	4.80	2.1
	2	8.64	8.59	8.69	4.90	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	5.00	2
	2	9.52	9.47	9.57	4.90	
2,4,5-T	1	9.13	9.08	9.18	5.00	2
	2	9.93	9.88	9.98	4.90	
2,4-DB	1	9.69	9.64	9.74	5.10	14.7
	2	10.48	10.43	10.53	4.40	
Dinoseb	1	10.85	10.80	10.90	4.80	2.1
	2	10.86	10.81	10.91	4.70	
DICAMBA	1	7.11	7.06	7.16	4.90	2.1
	2	7.64	7.59	7.69	4.80	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168003BSD

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2032

SAS No.: Q2032

SDG NO.: Q2032

Lab Sample ID: PB168003BSD

Date(s) Analyzed: 05/15/2025 05/15/2025

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		
DICHLORPROP	1	7.79	7.74	7.84	4.70	0
	2	8.33	8.28	8.38	4.70	
2,4-D	1	8.01	7.96	8.06	4.70	2.1
	2	8.64	8.59	8.69	4.80	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	4.90	2.1
	2	9.52	9.47	9.57	4.80	
2,4,5-T	1	9.13	9.08	9.18	4.90	2.1
	2	9.93	9.88	9.98	4.80	
2,4-DB	1	9.69	9.64	9.74	5.00	10.5
	2	10.48	10.43	10.53	4.50	
Dinoseb	1	10.85	10.80	10.90	4.70	2.2
	2	10.86	10.81	10.91	4.60	
DICAMBA	1	7.11	7.06	7.16	4.80	2.1
	2	7.64	7.59	7.69	4.70	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168030BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2032

SAS No.: Q2032

SDG NO.: Q2032

Lab Sample ID: PB168030BS

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

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		
DICHLORPROP	1	7.79	7.74	7.84	171	3.6
	2	8.33	8.28	8.38	165	
2,4-D	1	8.01	7.96	8.06	171	2.4
	2	8.64	8.59	8.69	167	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	176	2.9
	2	9.52	9.47	9.57	171	
2,4,5-T	1	9.13	9.08	9.18	176	4.1
	2	9.92	9.87	9.97	169	
2,4-DB	1	9.69	9.64	9.74	184	22.4
	2	10.48	10.43	10.53	147	
Dinoseb	1	10.85	10.80	10.90	171	3.6
	2	10.85	10.80	10.90	165	
DICAMBA	1	7.11	7.06	7.16	172	4.8
	2	7.64	7.59	7.69	164	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-24MS

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2032

SAS No.: Q2032

SDG NO.: Q2032

Lab Sample ID: Q2032-05MS

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

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		
DICHLORPROP	1	7.79	7.74	7.84	151	1.3
	2	8.33	8.28	8.38	149	
2,4-D	1	8.01	7.96	8.06	170	0
	2	8.64	8.59	8.69	170	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	149	4.6
	2	9.52	9.47	9.57	156	
2,4,5-T	1	9.13	9.08	9.18	149	0.7
	2	9.92	9.87	9.97	150	
2,4-DB	1	9.69	9.64	9.74	140	2.2
	2	10.48	10.43	10.53	137	
Dinoseb	1	10.85	10.80	10.90	23.7	0.8
	2	10.85	10.80	10.90	23.9	
DICAMBA	1	7.11	7.06	7.16	144	0.7
	2	7.64	7.59	7.69	145	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-24MSD

Contract: CAMP02

Lab Code: CHEM **Case No.:** Q2032

SAS No.: Q2032

SDG NO.: Q2032

Lab Sample ID: Q2032-06MSD

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

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		
DICHLORPROP	1	7.79	7.74	7.84	151	2
	2	8.33	8.28	8.38	148	
2,4-D	1	8.01	7.96	8.06	172	1.2
	2	8.64	8.59	8.69	170	
2,4,5-TP(Silvex)	1	8.85	8.80	8.90	150	3.9
	2	9.52	9.47	9.57	156	
2,4,5-T	1	9.13	9.08	9.18	150	0
	2	9.92	9.87	9.97	150	
2,4-DB	1	9.69	9.64	9.74	176	25.6
	2	10.48	10.43	10.53	136	
Dinoseb	1	10.85	10.80	10.90	24.0	0.4
	2	10.85	10.80	10.90	24.1	
DICAMBA	1	7.11	7.06	7.16	143	1.4
	2	7.64	7.59	7.69	145	



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168003BL	SDG No.:	Q2032
Lab Sample ID:	PB168003BL	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	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
PS030208.D	1	05/14/25 09:05	05/15/25 01:06	PB168003

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	478		39 - 175	96%	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\PS051425\
 Data File : PS030208.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 01:06
 Operator : AR\AJ
 Sample : PB168003 BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168003BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:42:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

4) S	2,4-DCAA	6.933	7.453	1360.5E6	363.4E6	477.748	454.190
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Target Compounds

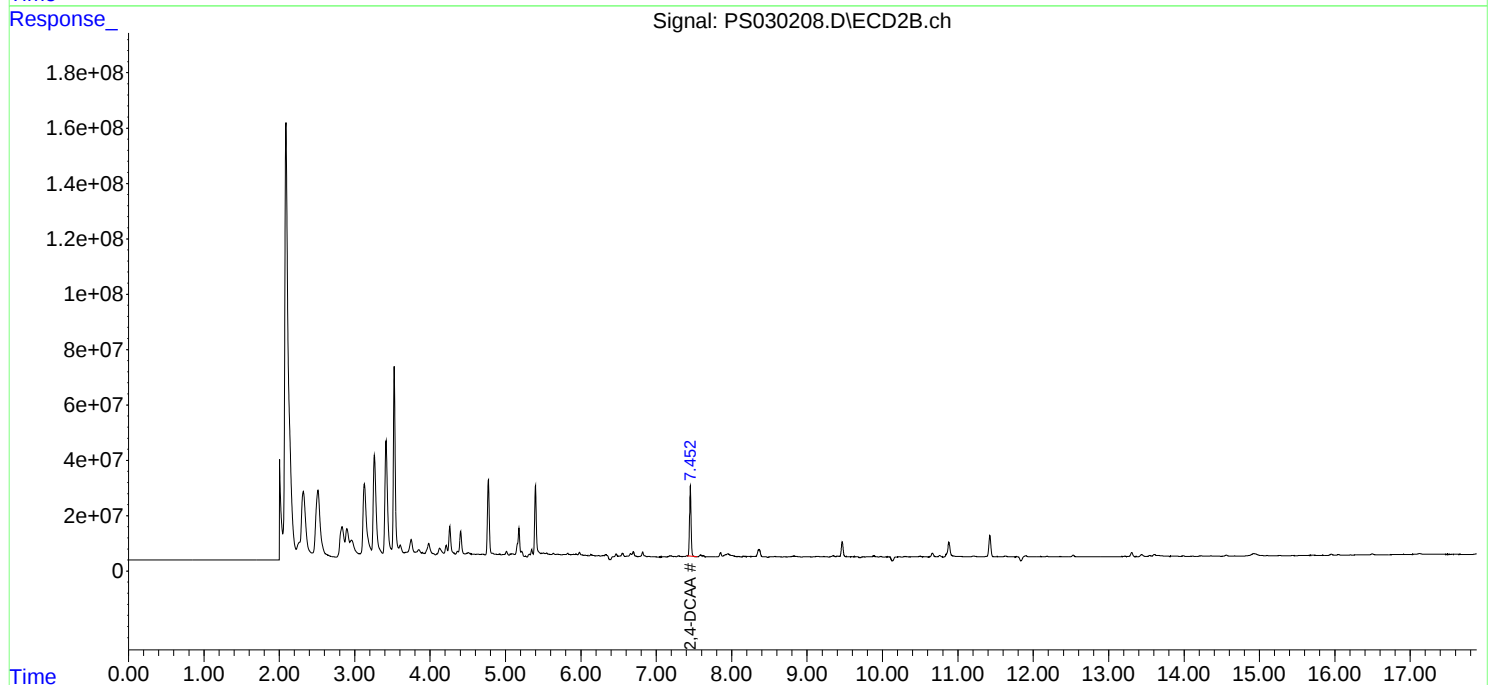
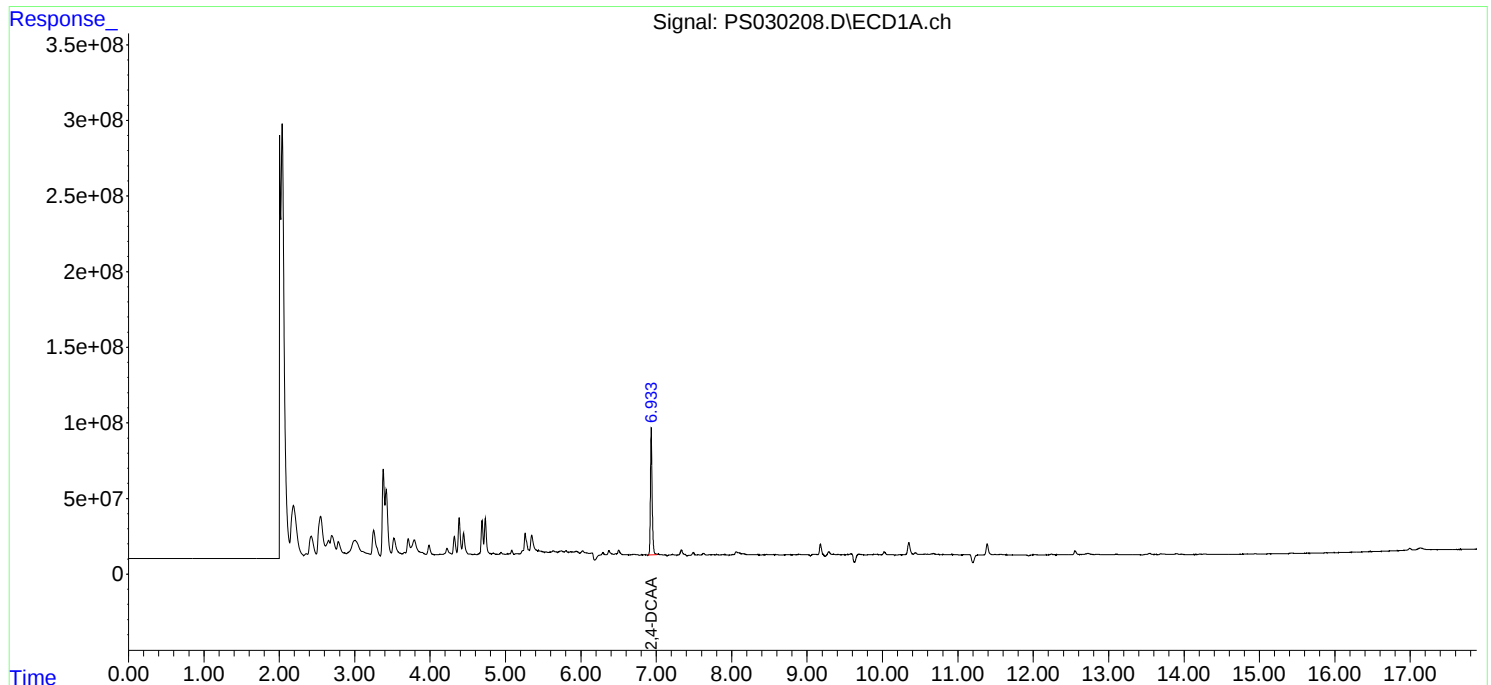
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

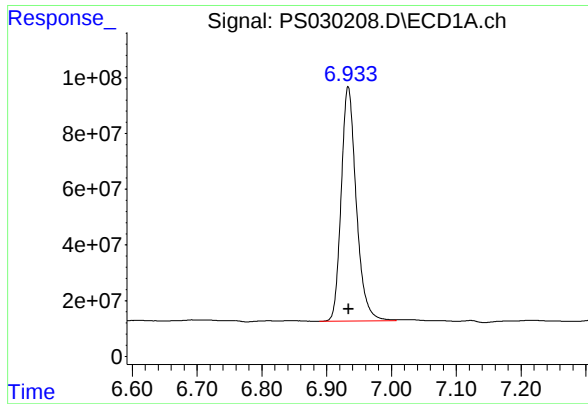
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030208.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 01:06
Operator : AR\AJ
Sample : PB168003 BL
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168003BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:42:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

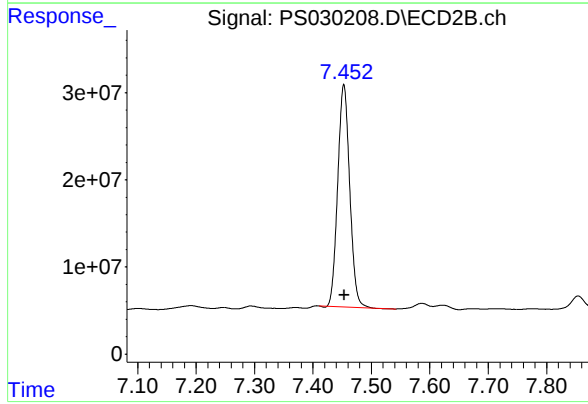




#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1360535300
Conc: 477.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168003BL



#4 2,4-DCAA

R.T.: 7.453 min
Delta R.T.: -0.001 min
Response: 363444362
Conc: 454.19 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168030BL	SDG No.:	Q2032
Lab Sample ID:	PB168030BL	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	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
PS030260.D	1	05/16/25 08:20	05/19/25 10:12	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	424		10 - 141	85%	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\PS051925\
 Data File : PS030260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 10:12
 Operator : AR\AJ
 Sample : PB168030BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168030BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 11:20:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

4) S	2,4-DCAA	6.931	7.446	1208.5E6	307.3E6	424.348	384.038
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Target Compounds

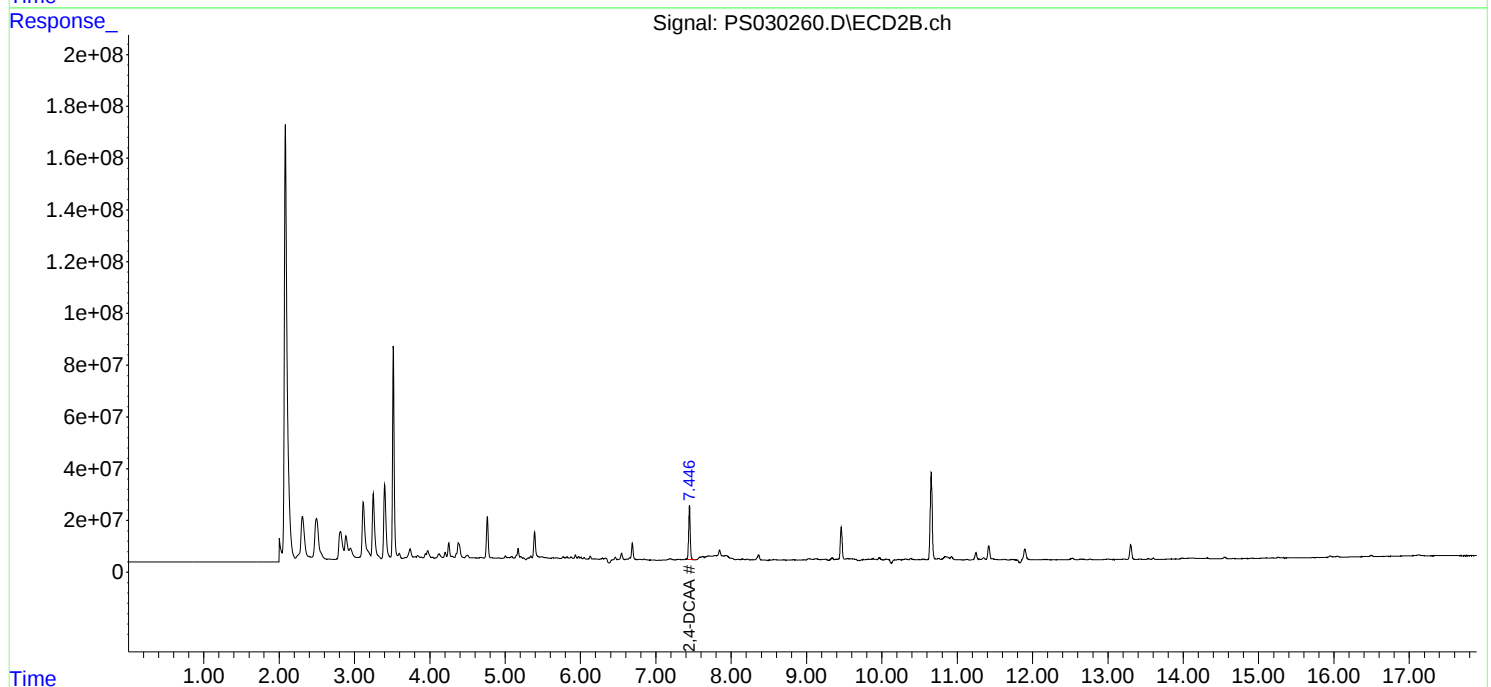
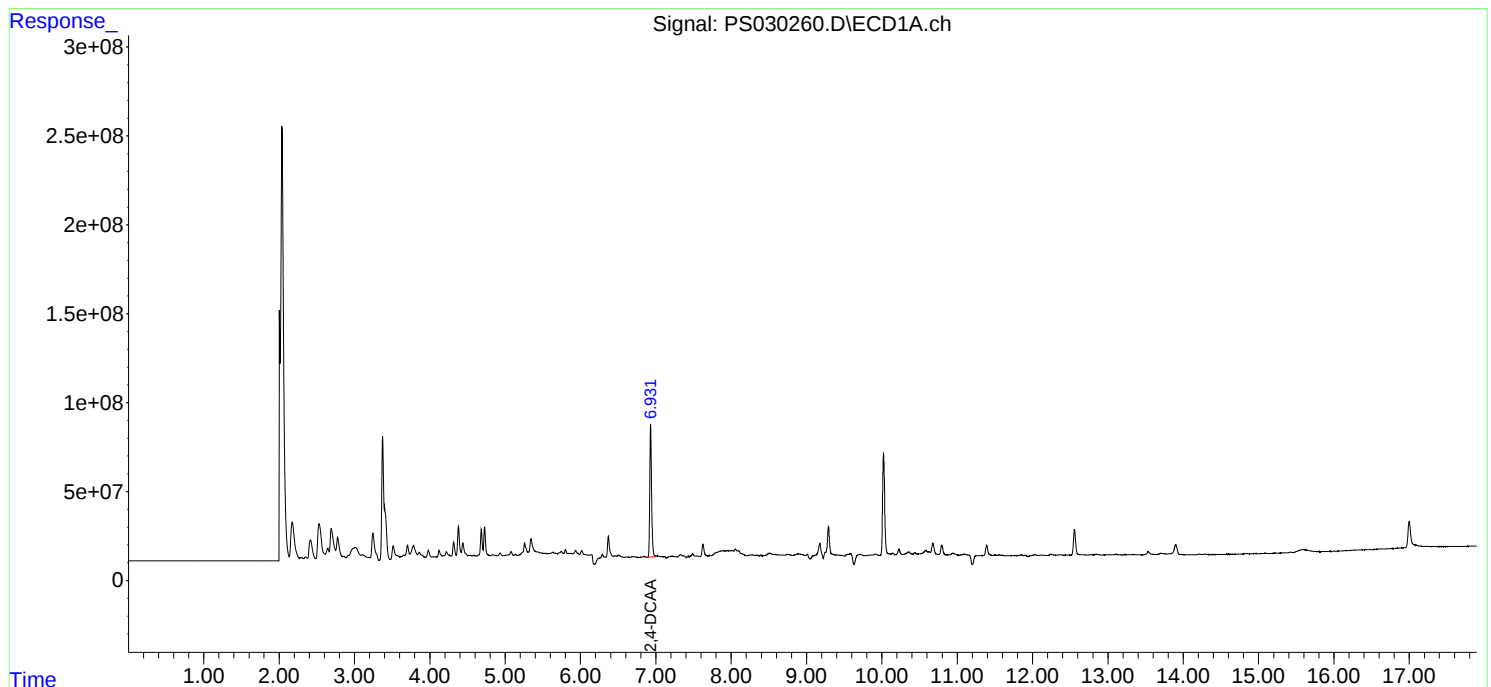
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

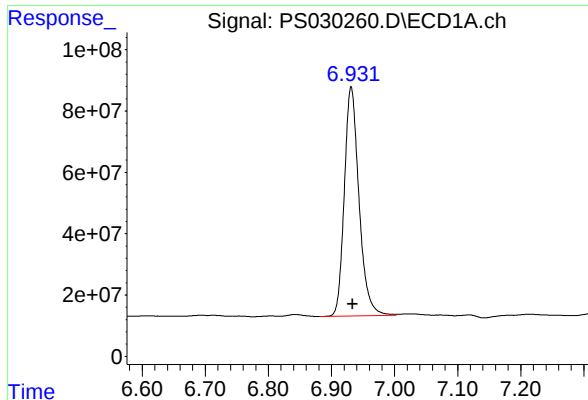
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 10:12
Operator : AR\AJ
Sample : PB168030BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168030BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 11:20:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

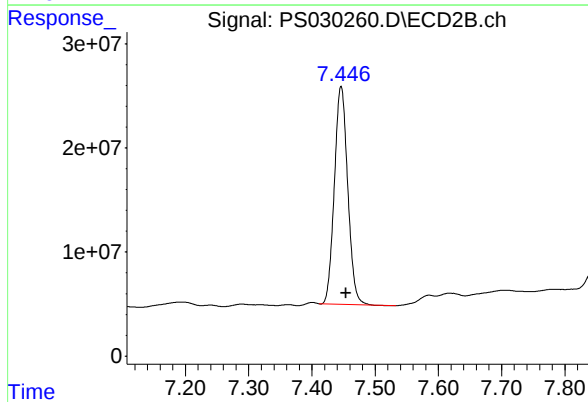




#4 2,4-DCAA

R.T.: 6.931 min
Delta R.T.: -0.002 min
Response: 1208462876
Conc: 424.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB168030BL



#4 2,4-DCAA

R.T.: 7.446 min
Delta R.T.: -0.008 min
Response: 307308300
Conc: 384.04 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	05/12/25
Project:	South River WM Replacement	Date Received:	05/12/25
Client Sample ID:	PIBLK-PS030124.D	SDG No.:	Q2032
Lab Sample ID:	I.BLK-PS030124.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030124.D	1		05/12/25	PS051225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	419		39 - 175	84%	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\PS051225\
 Data File : PS030124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 12:06
 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: May 12 14:30:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

4) S	2,4-DCAA	6.934	7.454	1194.2E6	334.3E6	419.337	417.753
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Target Compounds

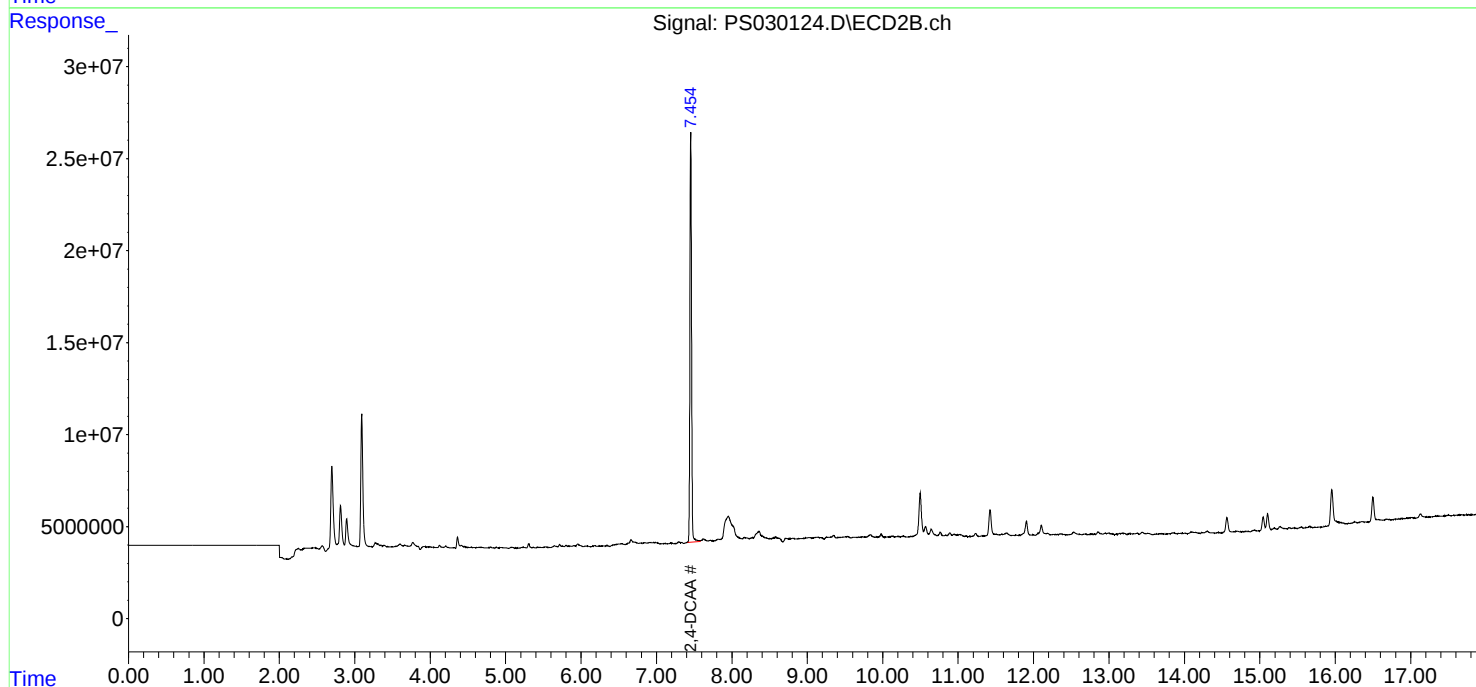
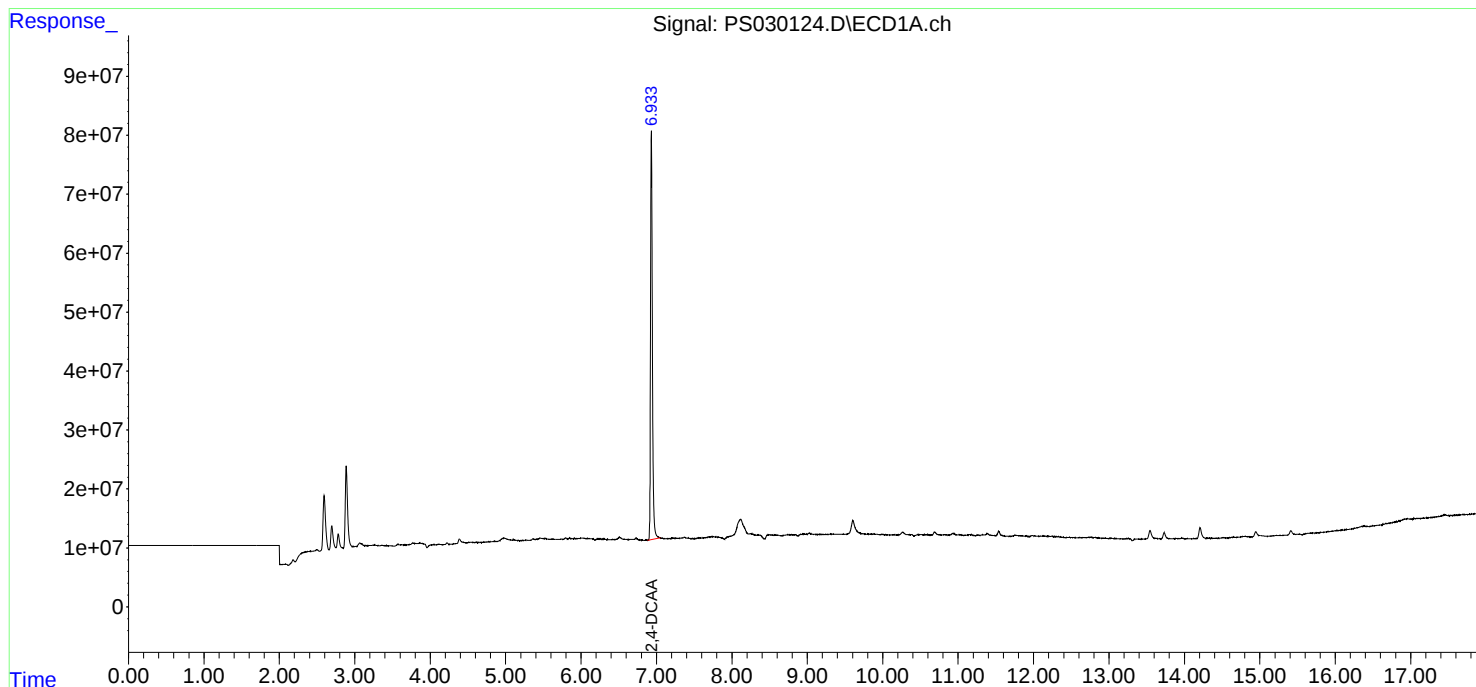
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

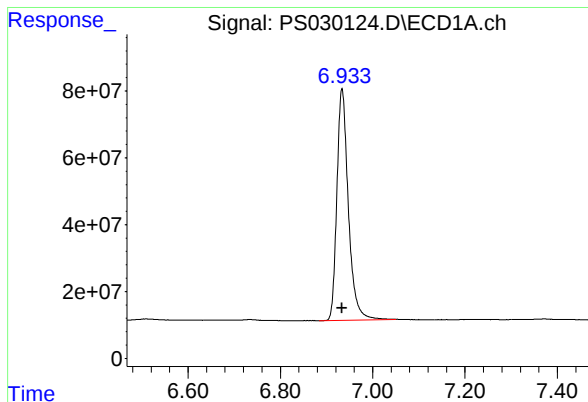
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051225\
Data File : PS030124.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 12:06
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 14:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

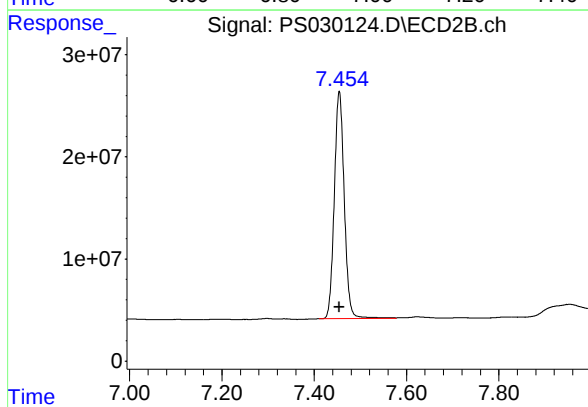




#4 2,4-DCAA

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 1194190207
Conc: 419.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.454 min
Delta R.T.: 0.000 min
Response: 334287239
Conc: 417.75 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	05/14/25
Project:	South River WM Replacement	Date Received:	05/14/25
Client Sample ID:	PIBLK-PS030201.D	SDG No.:	Q2032
Lab Sample ID:	I.BLK-PS030201.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030201.D	1		05/14/25	PS051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	493		39 - 175	99%	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\PS051425\
 Data File : PS030201.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2025 22:18
 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: May 15 06:41:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.453	1381.8E6	394.8E6	485.203	493.412
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Target Compounds

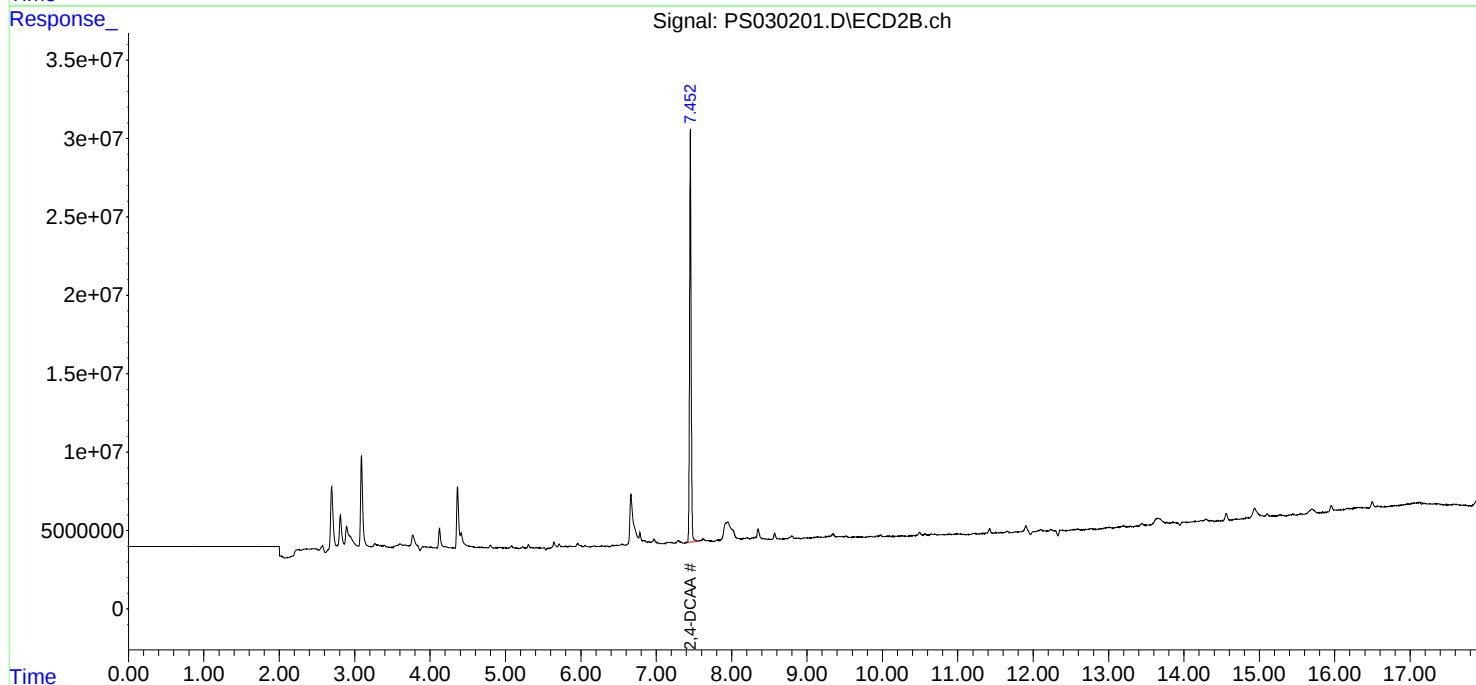
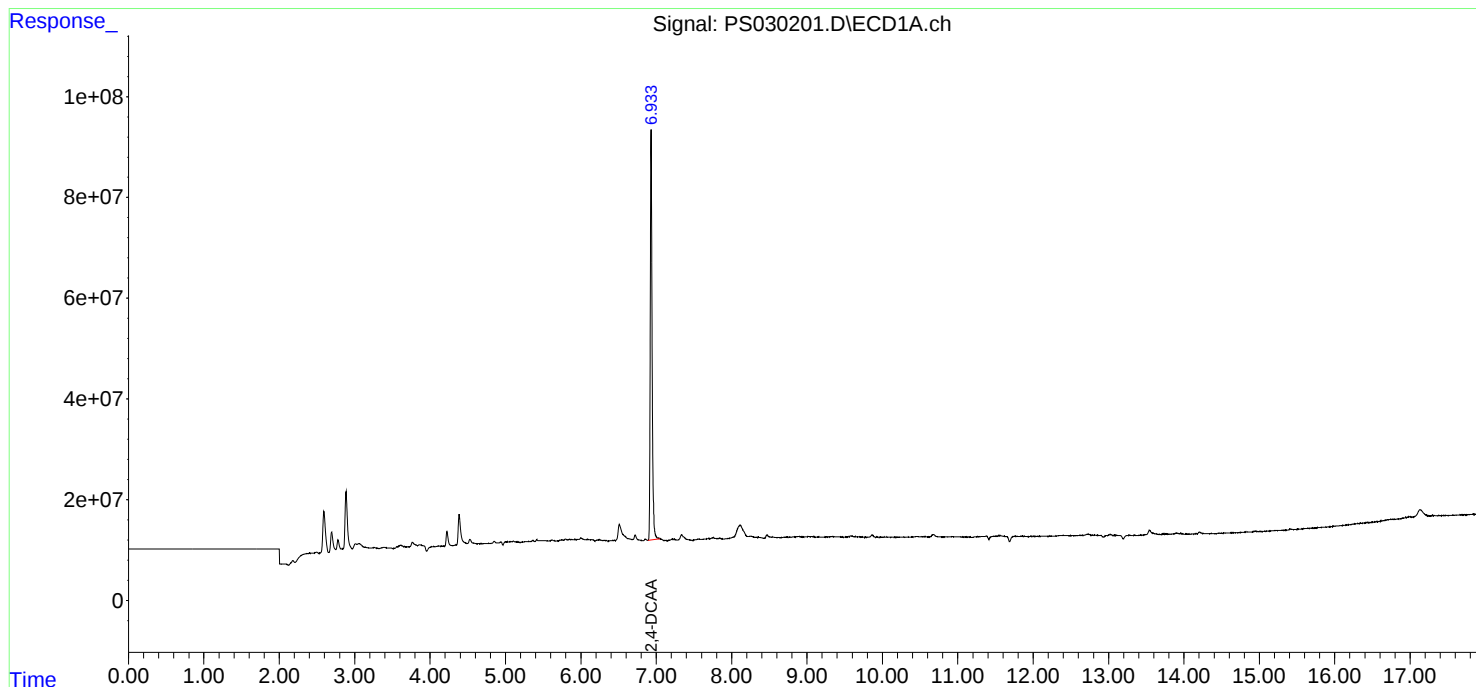
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

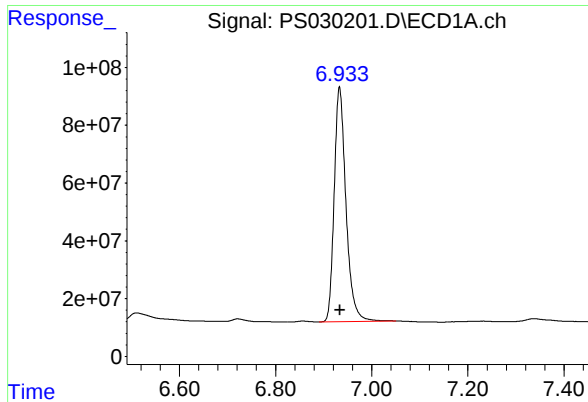
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030201.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 May 2025 22:18
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:41:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.933 min

Delta R.T.: 0.000 min

Response: 1381764483

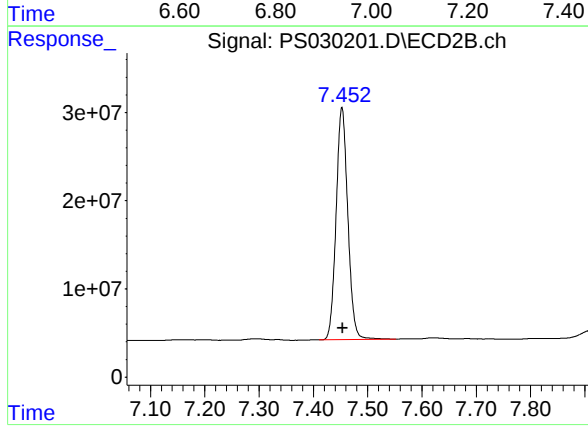
Conc: 485.20 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.453 min

Delta R.T.: -0.001 min

Response: 394830300

Conc: 493.41 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	05/15/25
Project:	South River WM Replacement	Date Received:	05/15/25
Client Sample ID:	PIBLK-PS030213.D	SDG No.:	Q2032
Lab Sample ID:	I.BLK-PS030213.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030213.D	1		05/15/25	PS051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	495		39 - 175	99%	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\PS051425\
 Data File : PS030213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 05:26
 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: May 15 06:43:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.933	7.451	1386.0E6	396.2E6	486.703	495.109
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Target Compounds

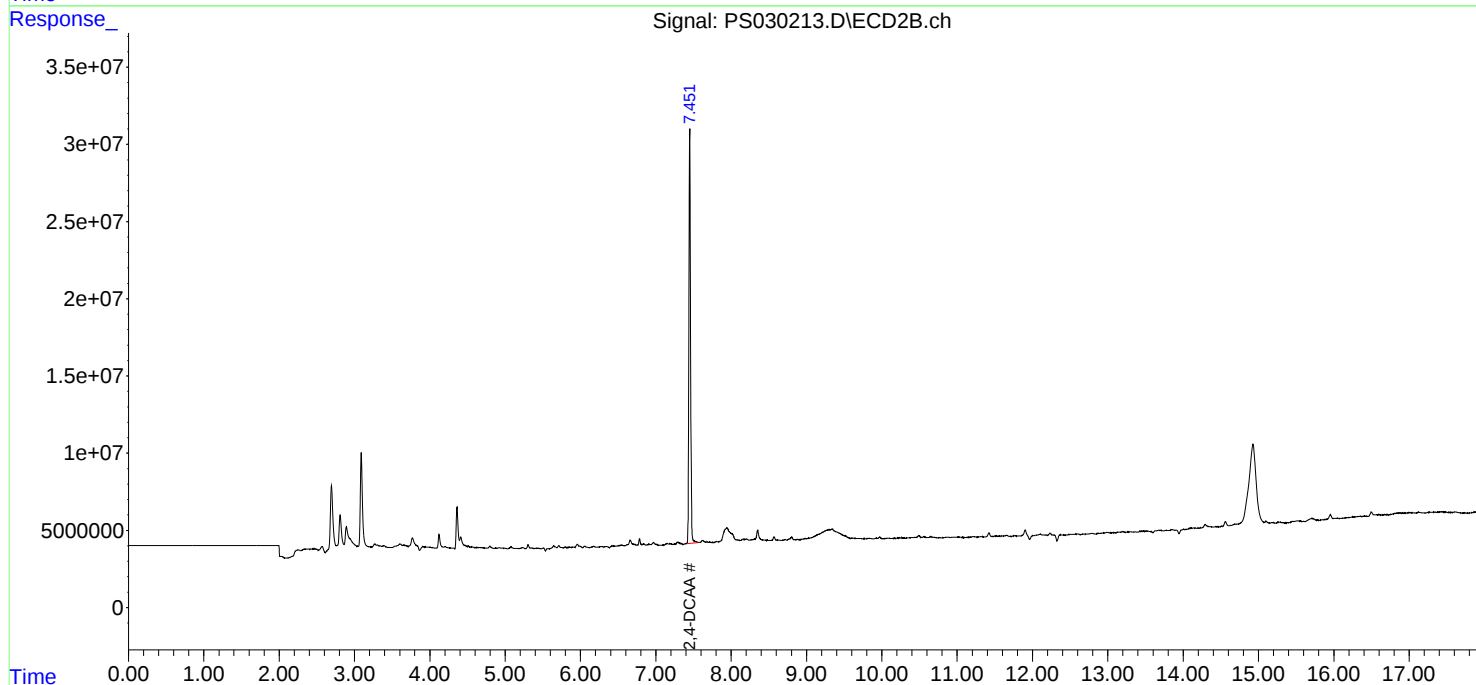
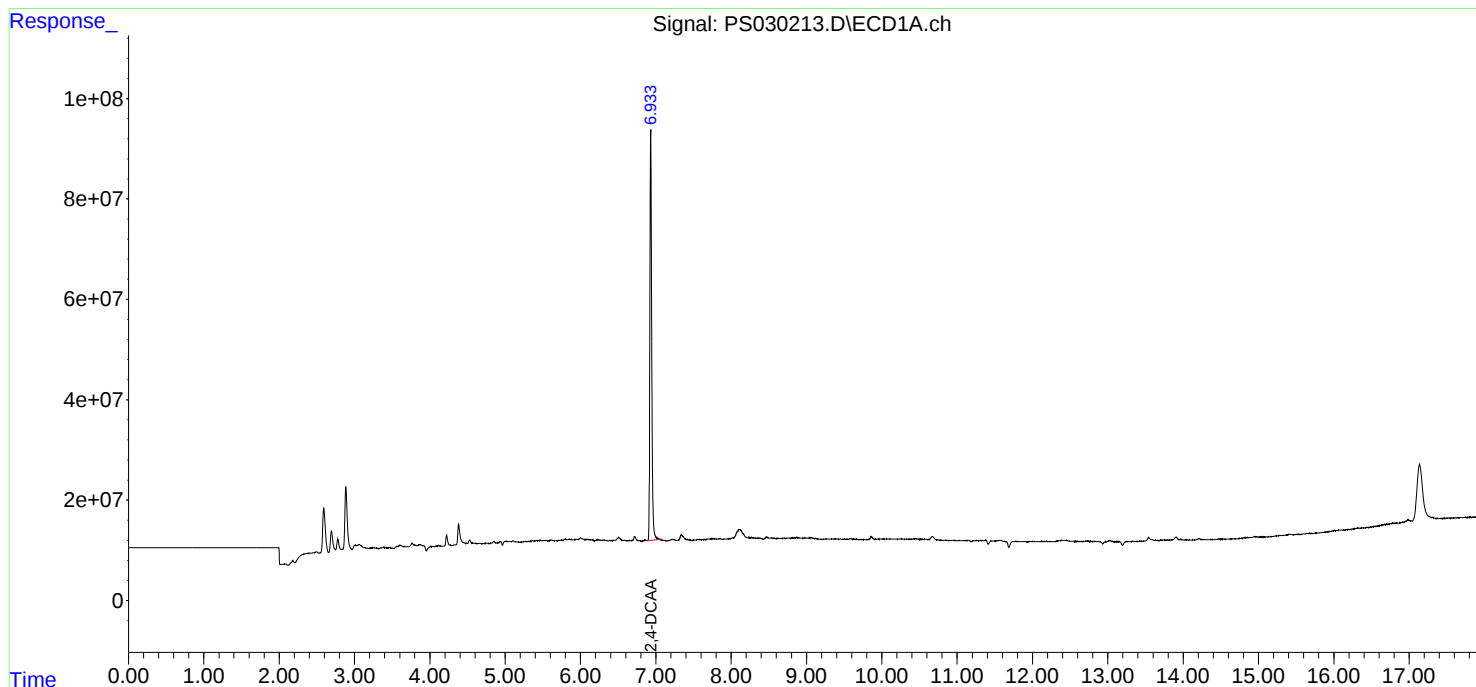
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

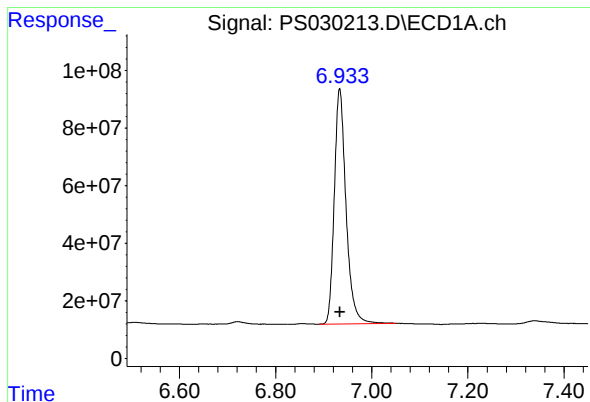
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 05:26
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:43:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

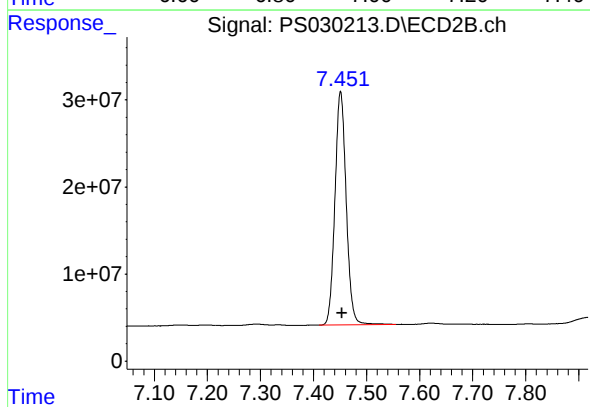




#4 2,4-DCAA

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 1386036344
Conc: 486.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 396188219
Conc: 495.11 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	05/19/25
Project:	South River WM Replacement	Date Received:	05/19/25
Client Sample ID:	PIBLK-PS030258.D	SDG No.:	Q2032
Lab Sample ID:	I.BLK-PS030258.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030258.D	1		05/19/25	PS051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	461		39 - 175	92%	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\PS051925\
Data File : PS030258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 08:54
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: May 19 11:14:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.932	7.450	1313.2E6	357.8E6	461.131	447.165

Target Compounds

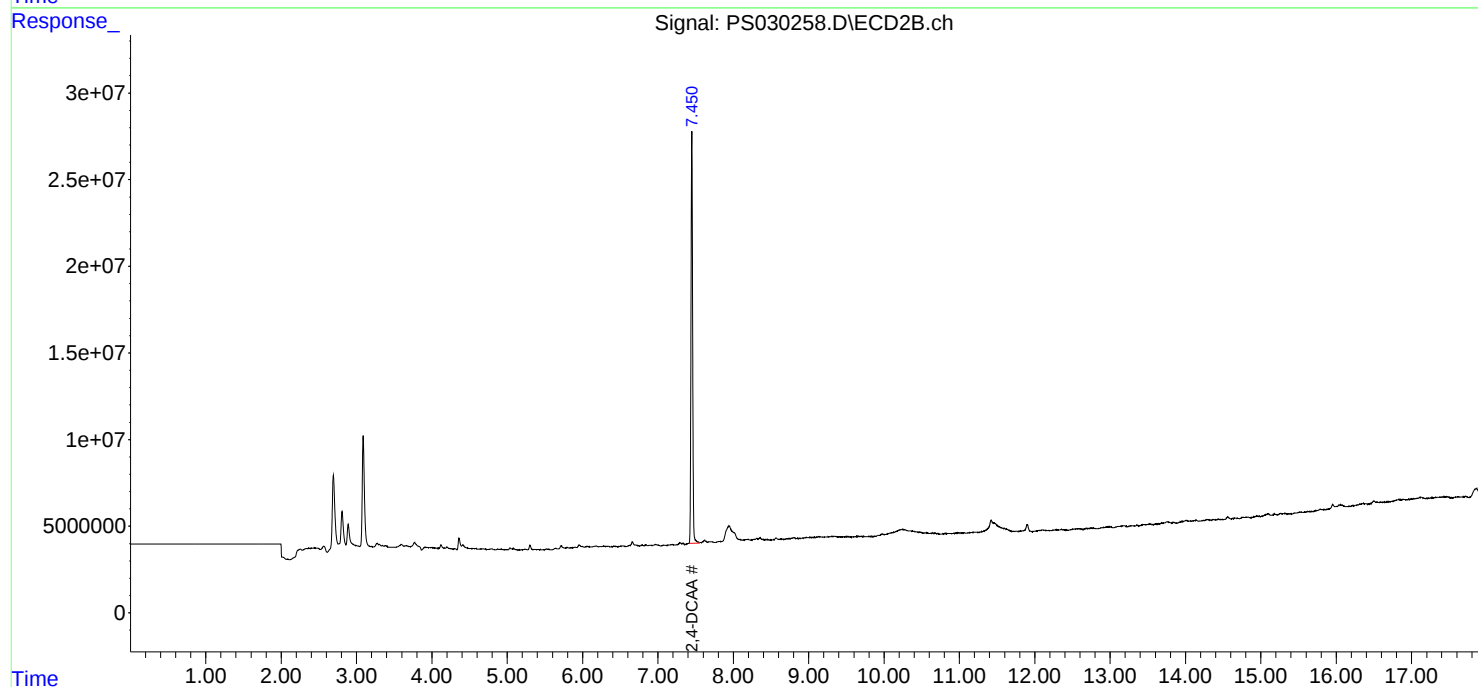
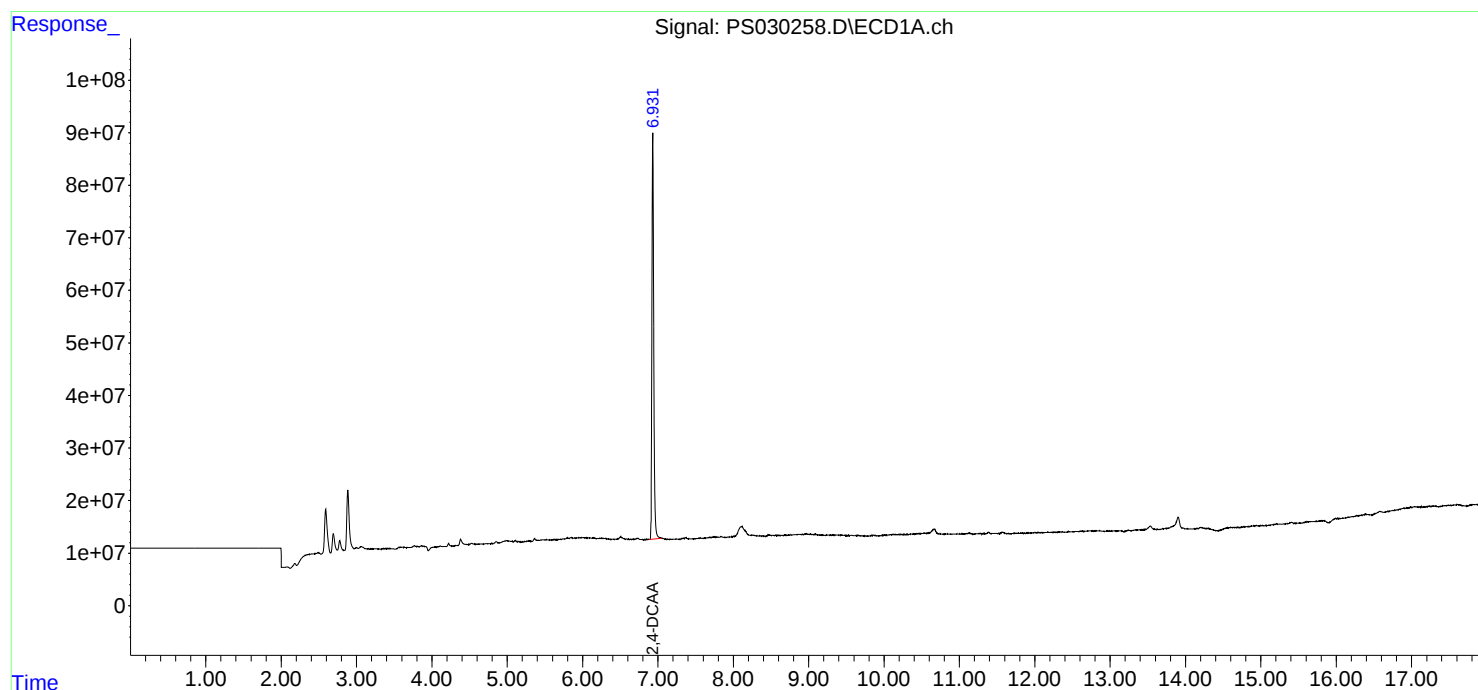
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

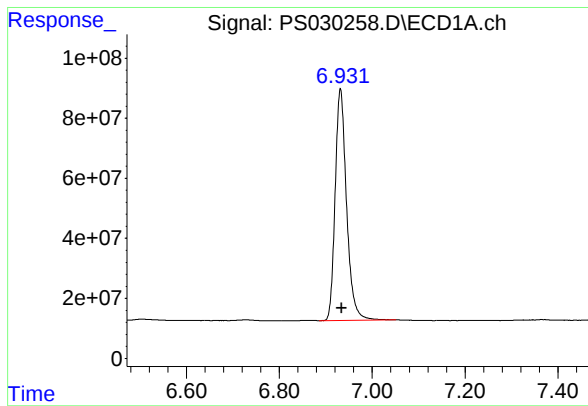
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 08:54
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 11:14:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.932 min

Delta R.T.: -0.002 min

Response: 1313212500

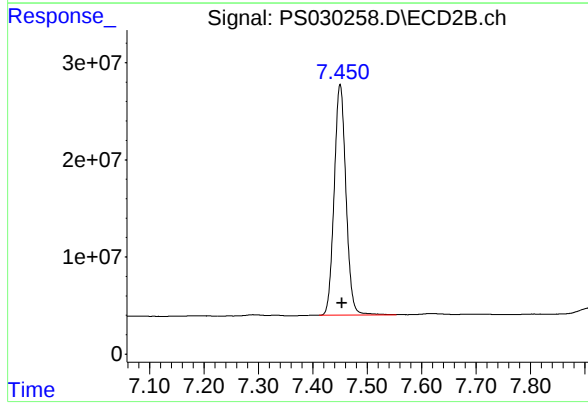
Conc: 461.13 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.450 min

Delta R.T.: -0.004 min

Response: 357823393

Conc: 447.17 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	05/19/25
Project:	South River WM Replacement	Date Received:	05/19/25
Client Sample ID:	PIBLK-PS030263.D	SDG No.:	Q2032
Lab Sample ID:	I.BLK-PS030263.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030263.D	1		05/19/25	PS051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	461		39 - 175	92%	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\PS051925\
Data File : PS030263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:24
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: May 20 05:36:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.932	7.451	1311.6E6	362.6E6	460.582	453.181

Target Compounds

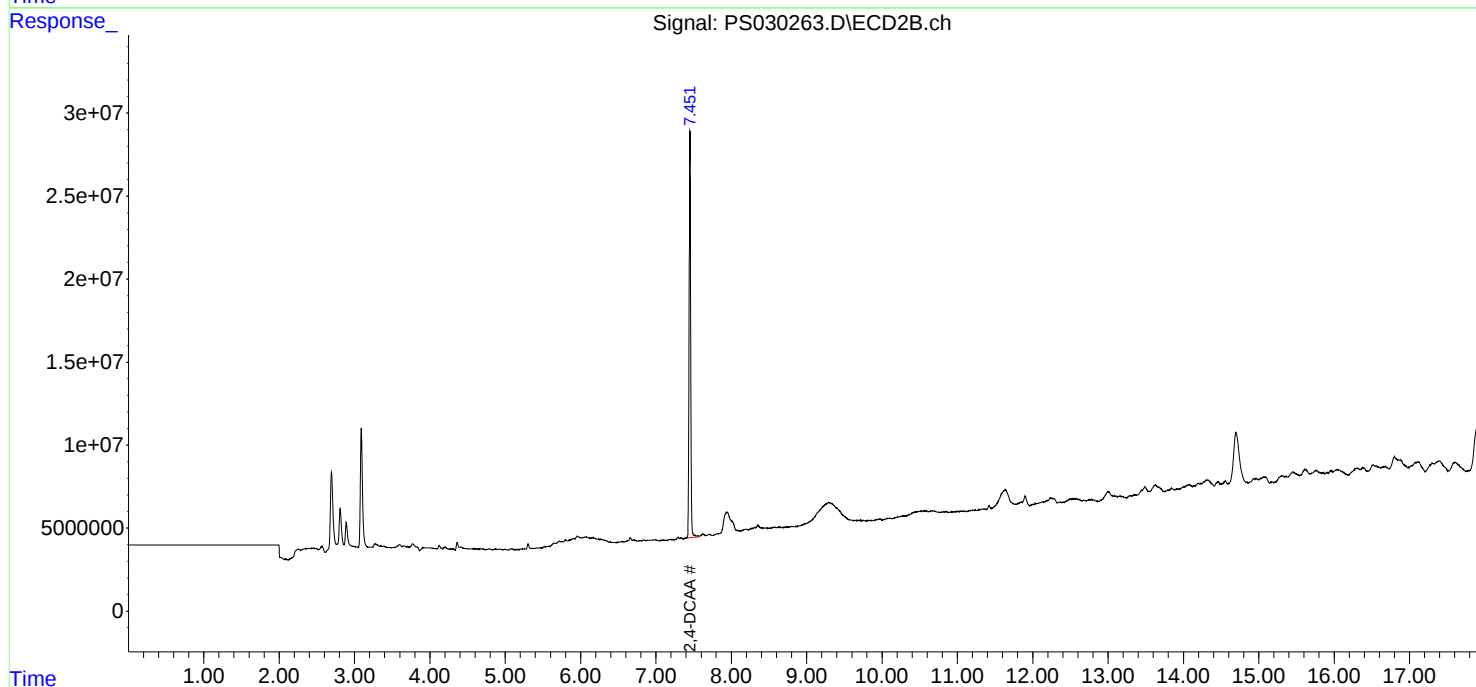
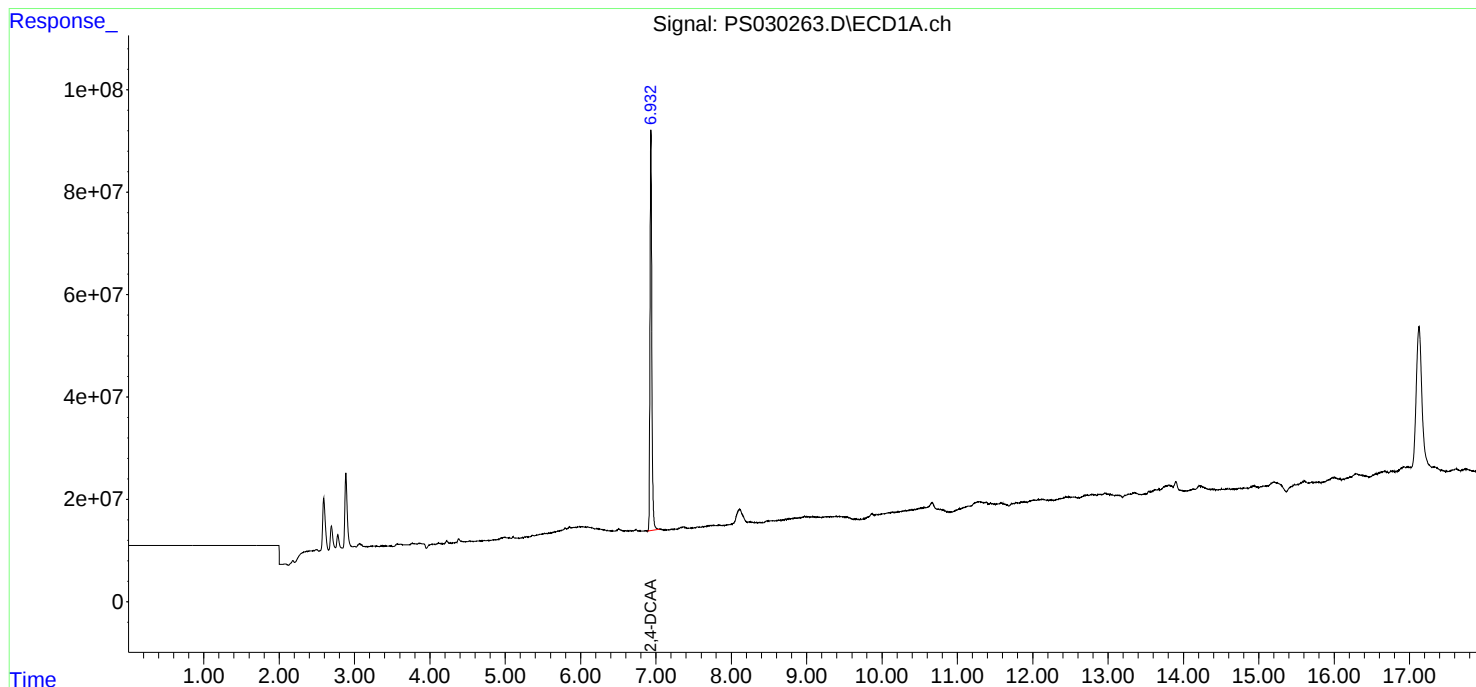
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

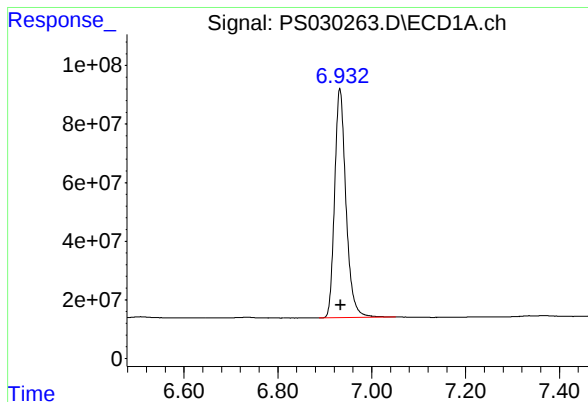
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:24
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:36:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.932 min

Delta R.T.: -0.001 min

Response: 1311649648

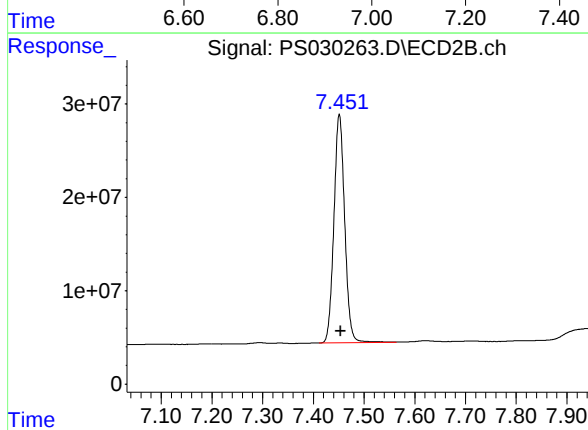
Conc: 460.58 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.451 min

Delta R.T.: -0.003 min

Response: 362637147

Conc: 453.18 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	05/19/25
Project:	South River WM Replacement	Date Received:	05/19/25
Client Sample ID:	PIBLK-PS030275.D	SDG No.:	Q2032
Lab Sample ID:	I.BLK-PS030275.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030275.D	1		05/19/25	PS051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	471		39 - 175	94%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 16:12
 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: May 20 05:41:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.932	7.451	1342.3E6	375.1E6	471.355	468.799
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Target Compounds

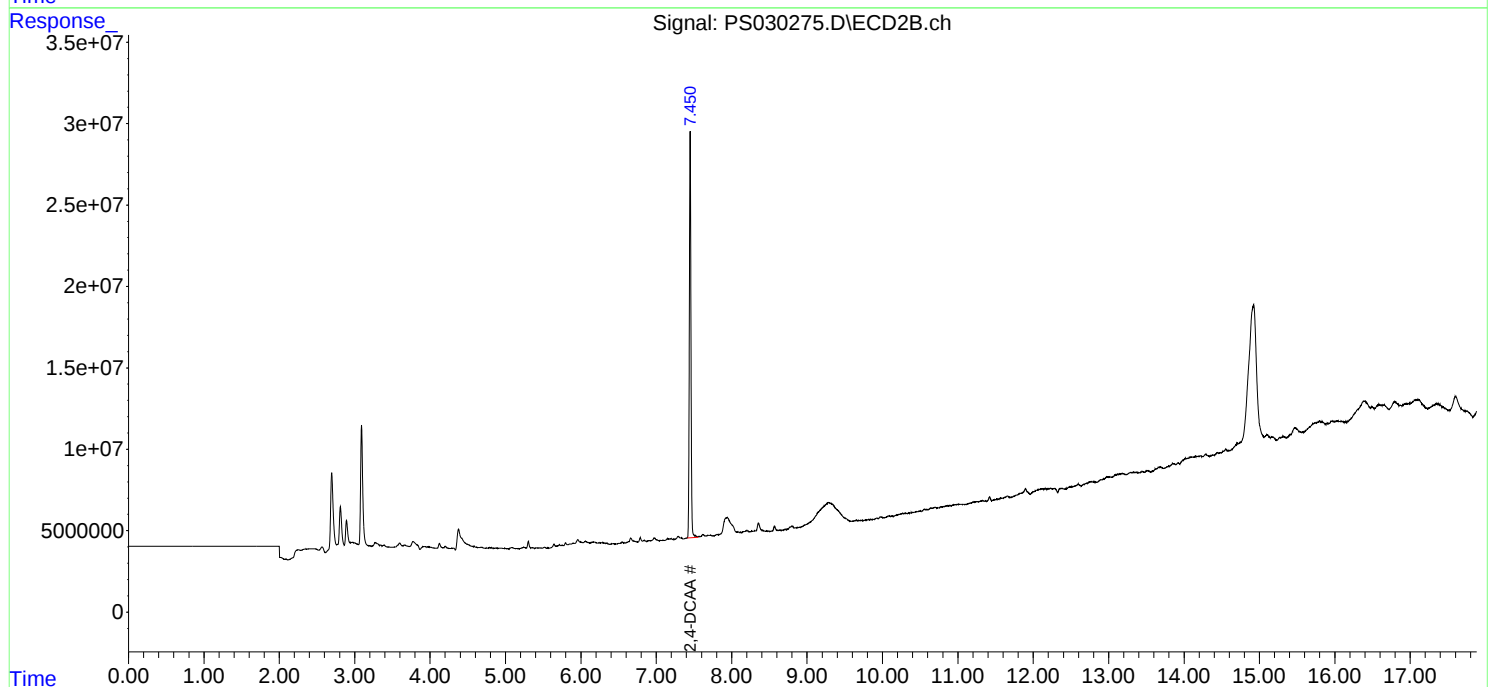
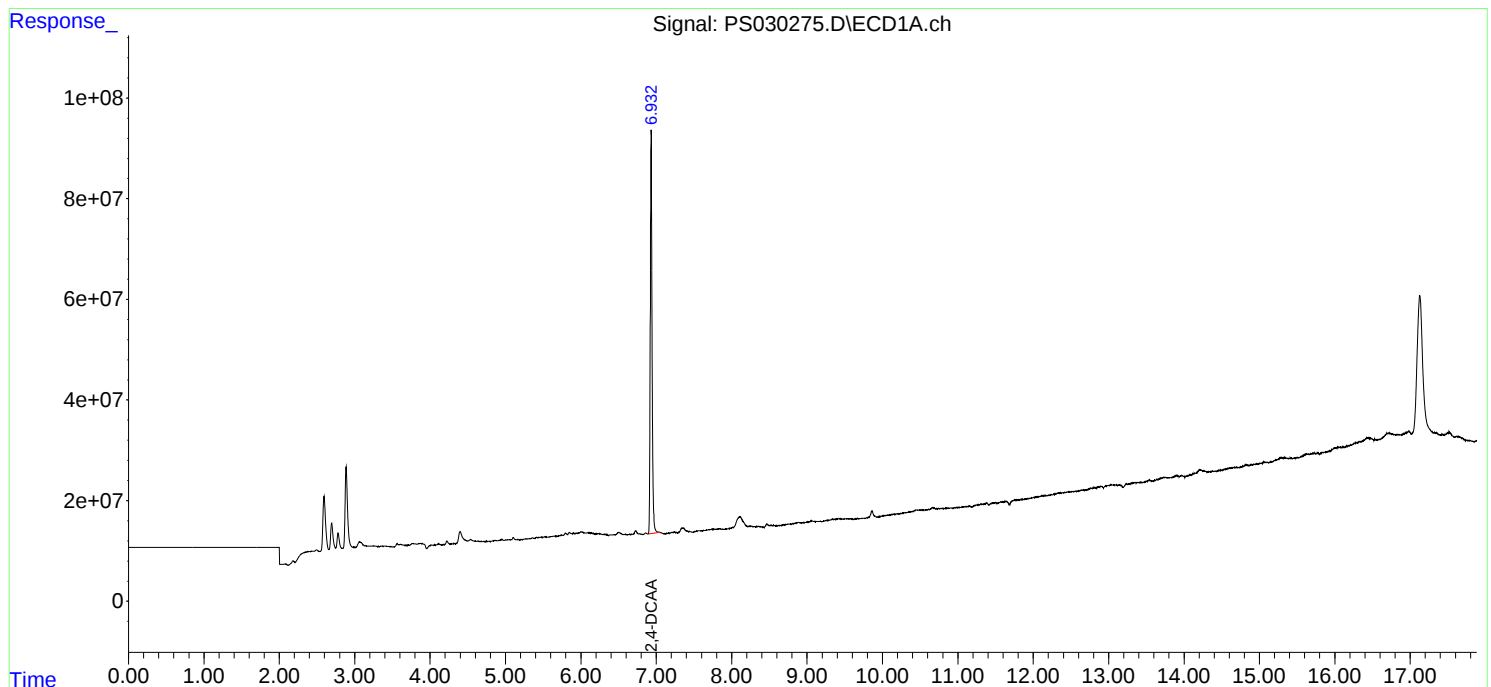
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

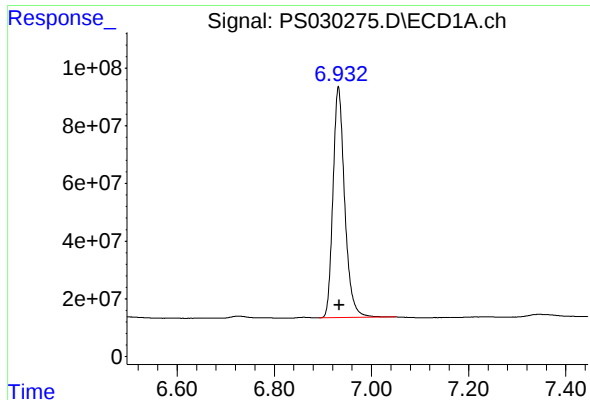
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 16:12
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:41:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.932 min

Delta R.T.: -0.002 min

Response: 1342328855

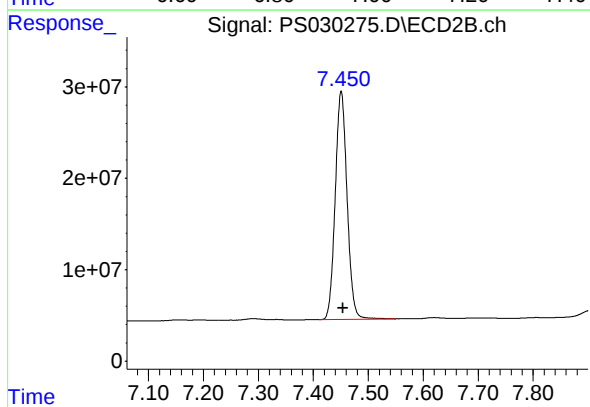
Conc: 471.36 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.451 min

Delta R.T.: -0.003 min

Response: 375134258

Conc: 468.80 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	05/19/25
Project:	South River WM Replacement	Date Received:	05/19/25
Client Sample ID:	PIBLK-PS030287.D	SDG No.:	Q2032
Lab Sample ID:	I.BLK-PS030287.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030287.D	1		05/19/25	PS051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	463		39 - 175	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\PS051925\
 Data File : PS030287.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 21:02
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:45:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.931	7.450	1317.2E6	369.8E6	462.540	462.191
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Target Compounds

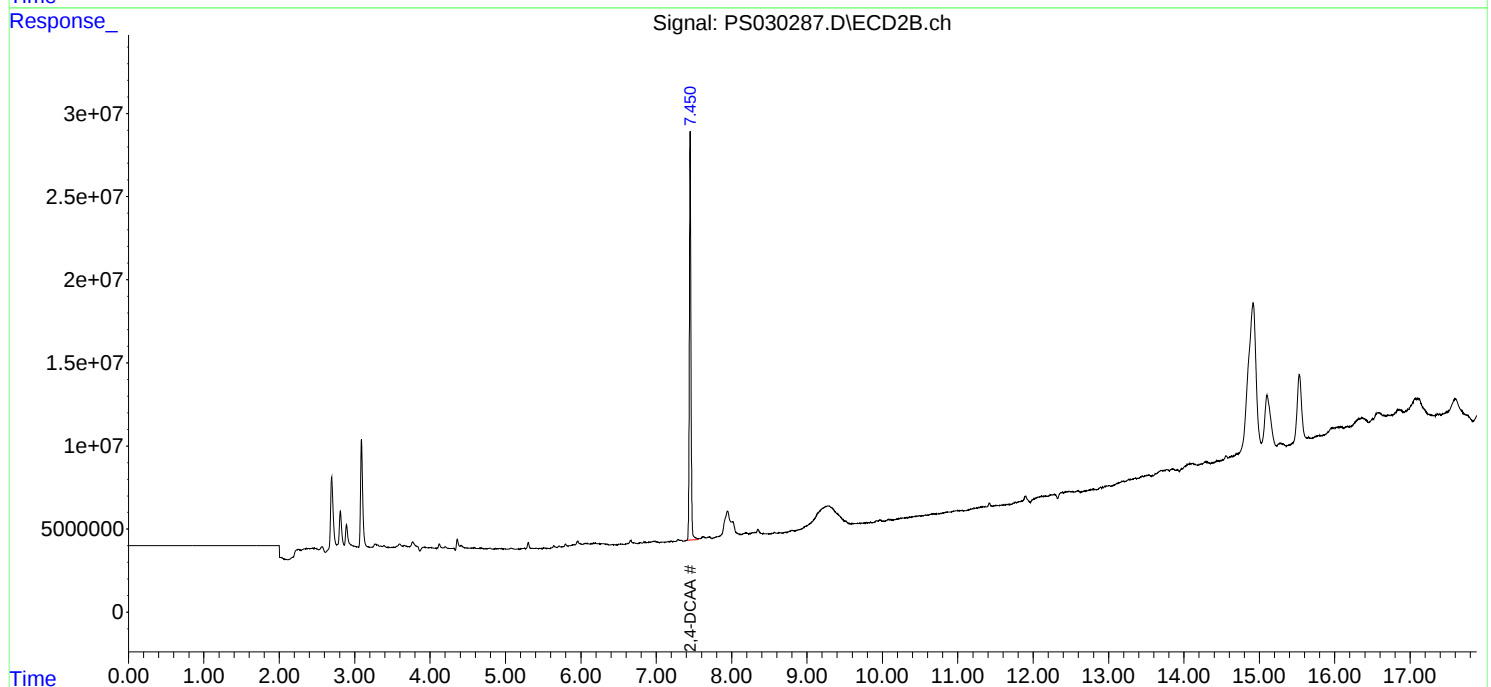
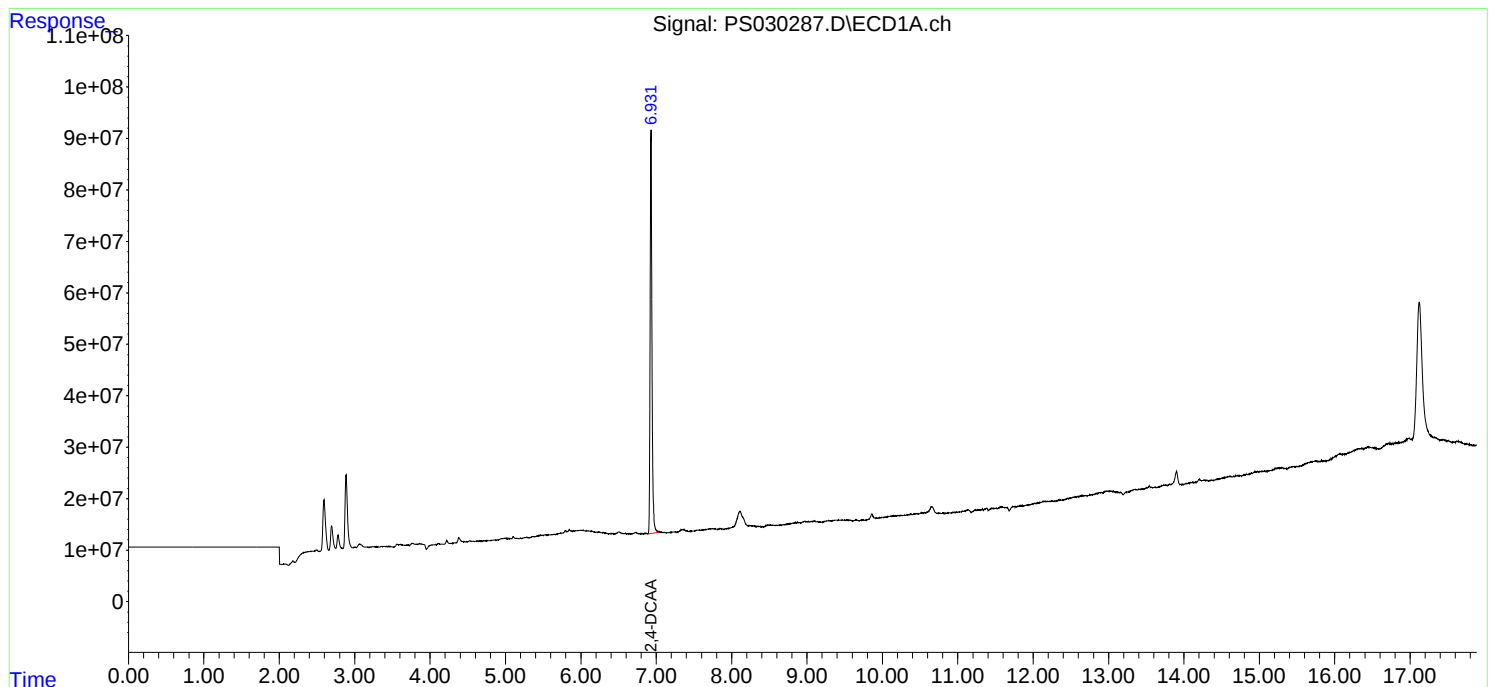
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

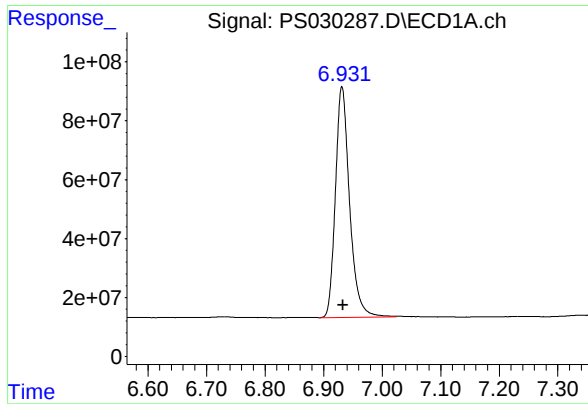
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 21:02
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

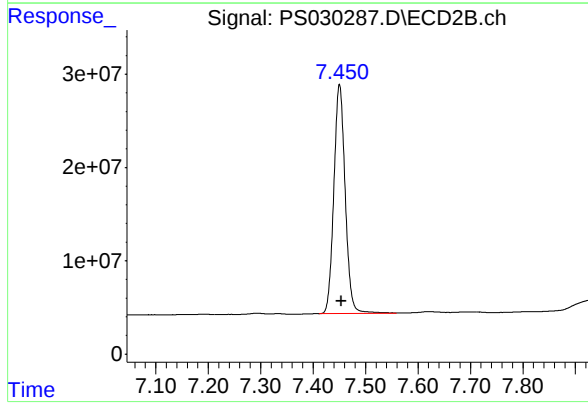




#4 2,4-DCAA

R.T.: 6.931 min
Delta R.T.: -0.002 min
Response: 1317224645
Conc: 462.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.450 min
Delta R.T.: -0.003 min
Response: 369846961
Conc: 462.19 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	05/20/25
Project:	South River WM Replacement	Date Received:	05/20/25
Client Sample ID:	PIBLK-PS030299.D	SDG No.:	Q2032
Lab Sample ID:	I.BLK-PS030299.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030299.D	1		05/20/25	PS051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
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
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	469		39 - 175	94%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 01:51
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: May 20 05:50:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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	6.930	7.450	1336.2E6	370.6E6	469.204	463.150
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Target Compounds

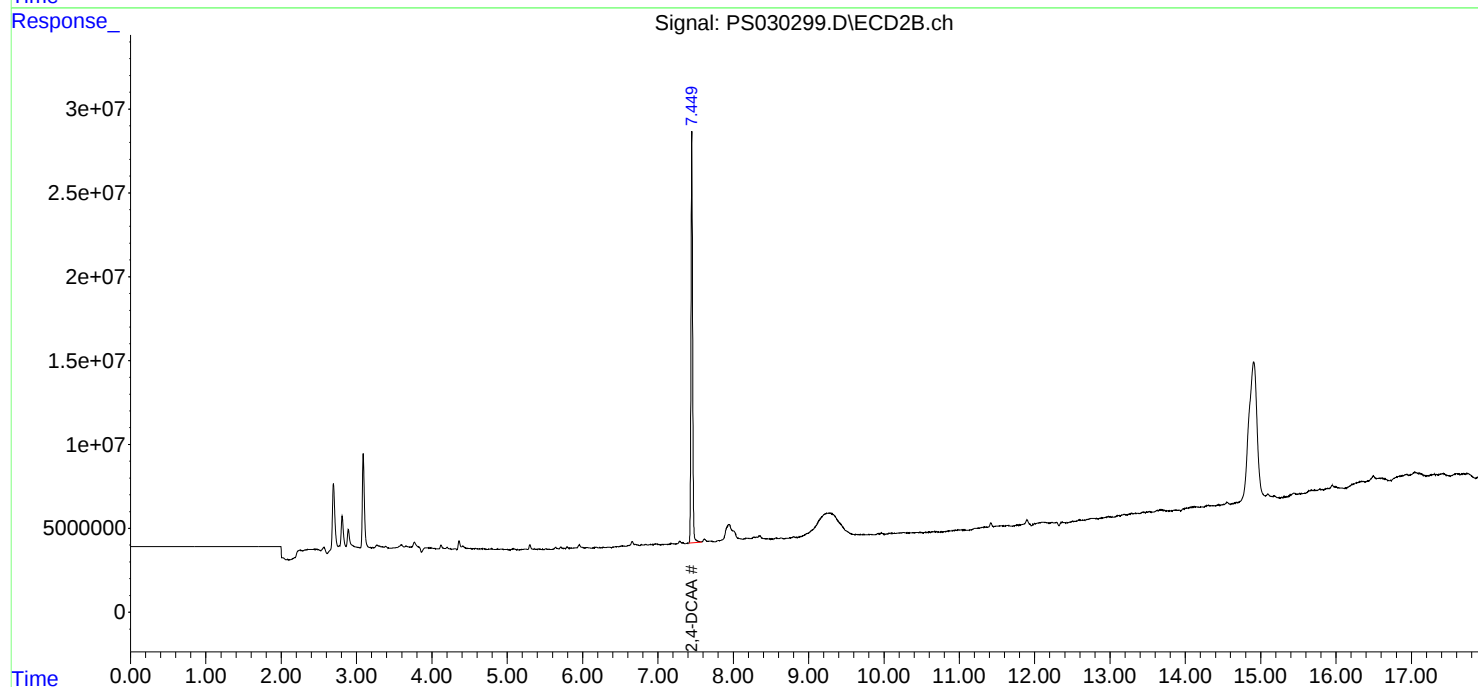
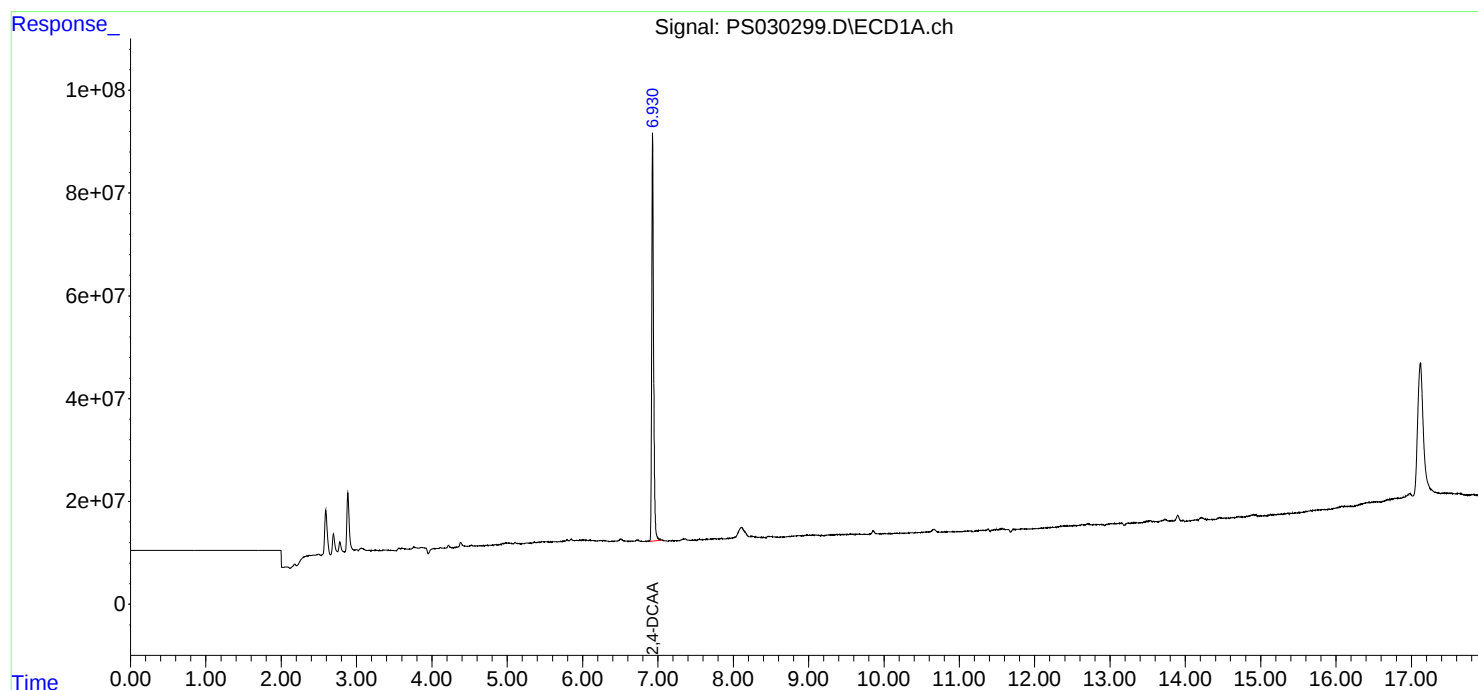
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

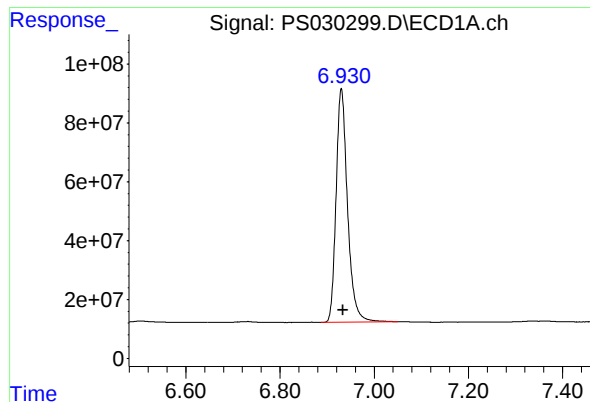
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 01:51
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:50:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.930 min

Delta R.T.: -0.003 min

Response: 1336201800

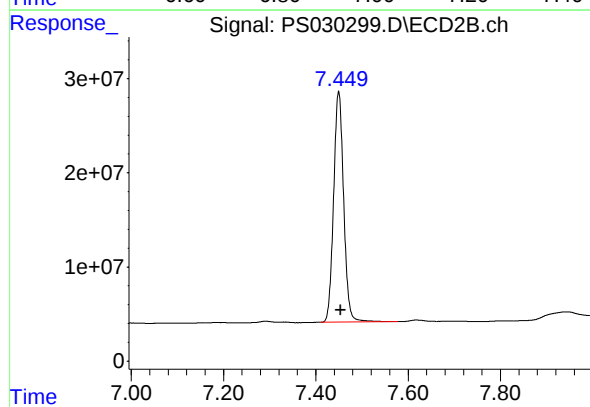
Conc: 469.20 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.450 min

Delta R.T.: -0.004 min

Response: 370614284

Conc: 463.15 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168003BS	SDG No.:	Q2032
Lab Sample ID:	PB168003BS	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030209.D	1	05/14/25 09:05	05/15/25 01:30	PB168003

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	4.90		0.65	2.00	ug/L
120-36-5	DICHLORPROP	4.80		0.76	2.00	ug/L
94-75-7	2,4-D	4.90		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.00		0.78	2.00	ug/L
93-76-5	2,4,5-T	5.00		0.71	2.00	ug/L
94-82-6	2,4-DB	5.10		0.65	2.00	ug/L
88-85-7	DINOSEB	4.80		0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	520		39 - 175	104%	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\PS051425\
 Data File : PS030209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 01:30
 Operator : AR\AJ
 Sample : PB168003 BS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168003BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:42:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.934	7.453	1480.2E6	413.5E6	519.779	516.709
Target Compounds							
1) T	Dalapon	2.446	2.520	2232.3E6	928.2E6	454.154	457.021
2) T	3,5-DICHL...	6.139	6.453	2003.0E6	536.9E6	480.264	460.493
3) T	4-Nitroph...	6.724	6.988	979.6E6	444.4E6	474.233	425.635
5) T	DICAMBA	7.110	7.638	5613.1E6	2275.2E6	485.673	481.227
6) T	MCP	7.288	7.745	358.8E6	87647418	49.270	47.641
7) T	MCPA	7.430	7.974	485.3E6	120.9E6	46.752	45.842
8) T	DICHLORPROP	7.790	8.331	1416.0E6	564.5E6	484.712	477.843
9) T	2,4-D	8.010	8.643	1587.4E6	633.5E6	484.134	490.905
10) T	Pentachlo...	8.287	9.143	20531.0E6	12363.9E6	506.929	500.868
11) T	2,4,5-TP ...	8.851	9.521	8025.5E6	4836.5E6	495.524	490.989
12) T	2,4,5-T	9.133	9.925	8203.4E6	4491.5E6	496.720	488.019
13) T	2,4-DB	9.691	10.483	1325.2E6	432.1E6	507.792	435.434
14) T	DINOSEB	10.851	10.856	5500.7E6	3244.2E6	480.985	474.848
15) T	Picloram	10.672	11.891	9855.7E6	6727.4E6	460.826	478.029m
16) T	DCPA	11.152	11.888	9964.9E6	6939.2E6	500.462	513.617m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 01:30
Operator : AR\AJ
Sample : PB168003 BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168003BS

Manual Integrations

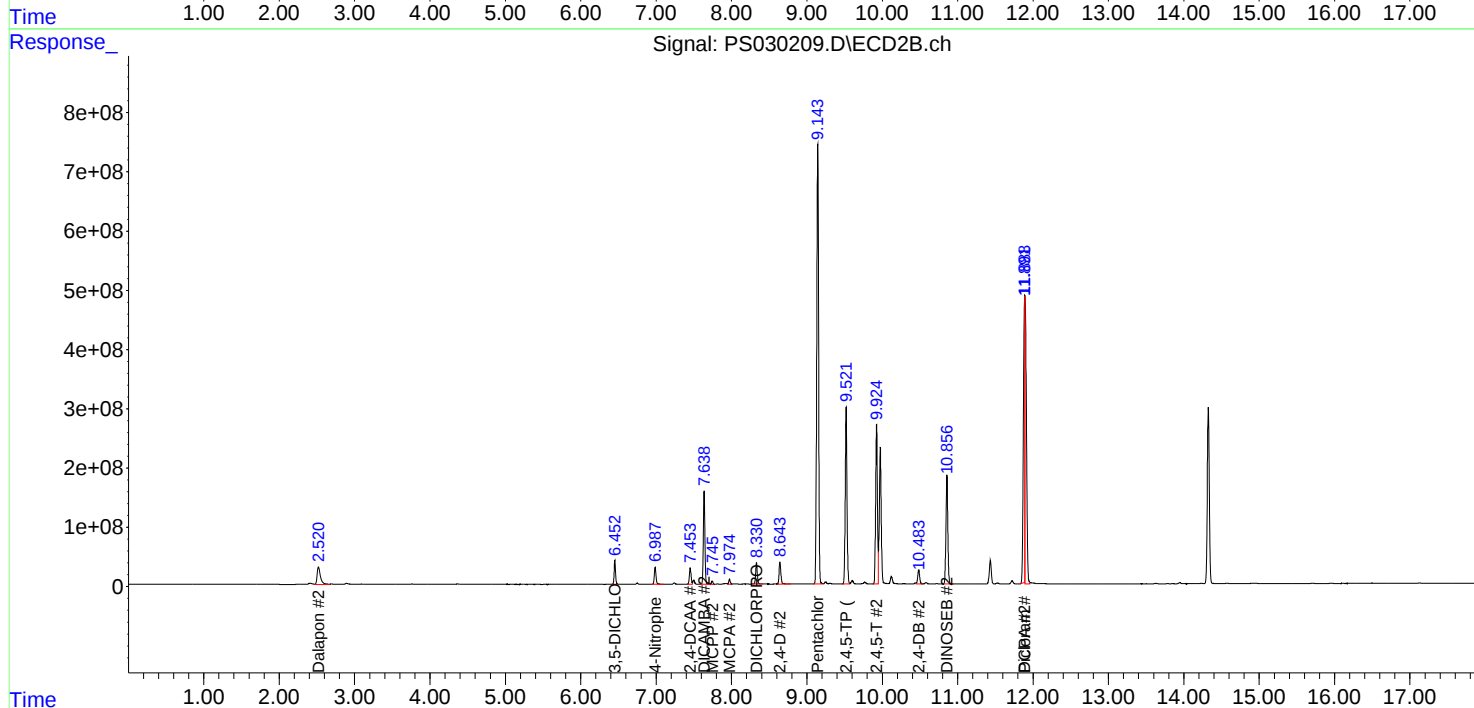
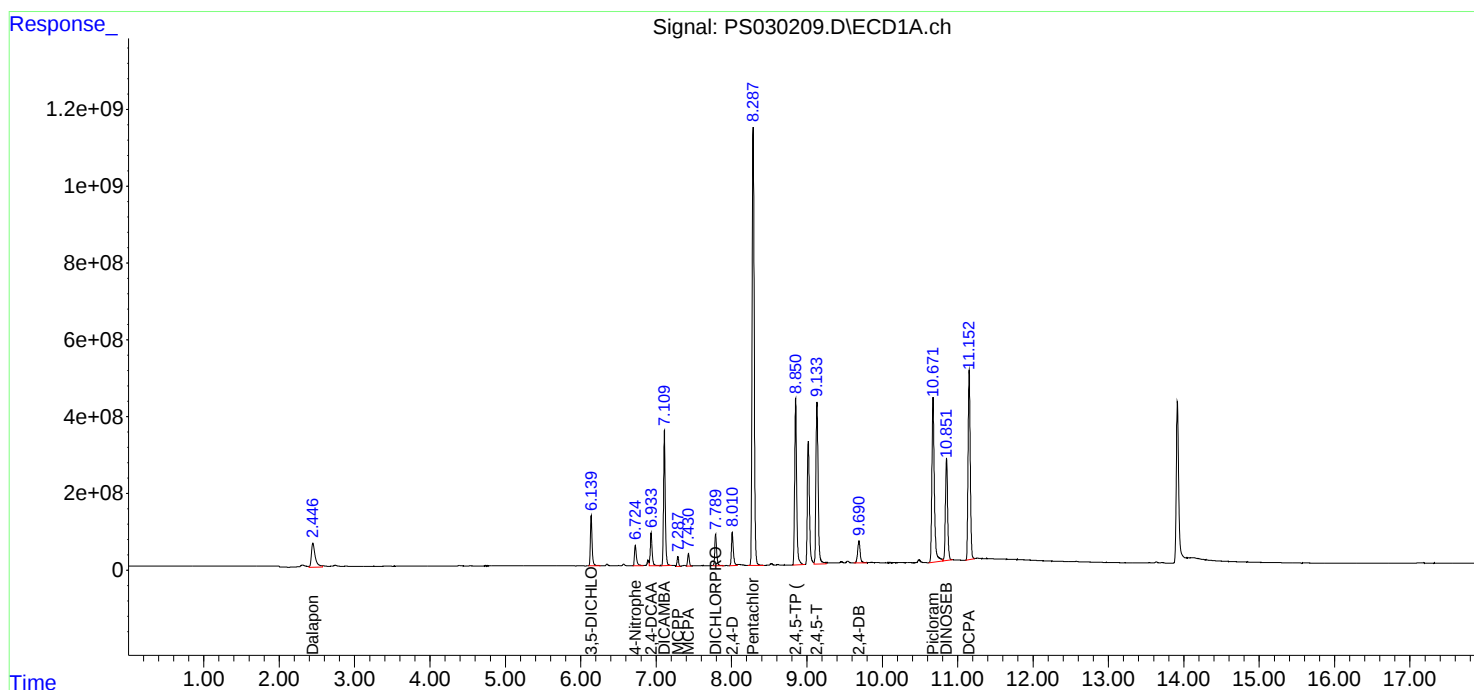
APPROVED

Reviewed By :Abdul Mirza 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 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:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168030BS	SDG No.:	Q2032
Lab Sample ID:	PB168030BS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	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
PS030261.D	1	05/16/25 08:20	05/19/25 10:36	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	172		7.70	66.9	ug/Kg
120-36-5	DICHLORPROP	171		12.8	66.9	ug/Kg
94-75-7	2,4-D	171		9.00	66.9	ug/Kg
93-72-1	2,4,5-TP (Silvex)	176		9.10	66.9	ug/Kg
93-76-5	2,4,5-T	176		8.70	66.9	ug/Kg
94-82-6	2,4-DB	184		24.2	66.9	ug/Kg
88-85-7	DINOSEB	171		10.8	66.9	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	548		10 - 141	110%	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\PS051925\
 Data File : PS030261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 10:36
 Operator : AR\AJ
 Sample : PB168030BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB168030BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 11:15:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.932	7.451	1560.5E6	419.3E6	547.967	523.992
Target Compounds							
1) T	Dalapon	2.445	2.519	2456.0E6	975.3E6	499.656	480.208
2) T	3,5-DICHL...	6.137	6.451	2111.3E6	539.7E6	506.244	462.903
3) T	4-Nitroph...	6.723	6.986	1028.6E6	442.3E6	497.975	423.643
5) T	DICAMBA	7.108	7.636	5955.1E6	2333.8E6	515.264	493.609
6) T	MCP	7.287	7.743	375.4E6	89674610	51.554	48.742
7) T	MCPA	7.429	7.972	506.3E6	129.3E6	48.775	49.032
8) T	DICHLORPROP	7.788	8.328	1503.4E6	583.8E6	514.628	494.156
9) T	2,4-D	8.008	8.640	1687.2E6	647.7E6	514.559	501.873
10) T	Pentachlo...	8.285	9.140	21757.2E6	12840.0E6	537.204	520.155
11) T	2,4,5-TP ...	8.849	9.518	8576.0E6	5046.3E6	529.515	512.290
12) T	2,4,5-T	9.130	9.922	8722.9E6	4657.7E6	528.173	506.076
13) T	2,4-DB	9.688	10.480	1442.7E6	438.9E6	552.798	442.270
14) T	DINOSEB	10.849	10.853	5886.3E6	3394.4E6	514.703	496.847
15) T	Picloram	10.670	11.889	11136.8E6	6764.7E6	520.730	480.683m
16) T	DCPA	11.151	11.887	10622.0E6	6834.7E6	533.462	505.879m

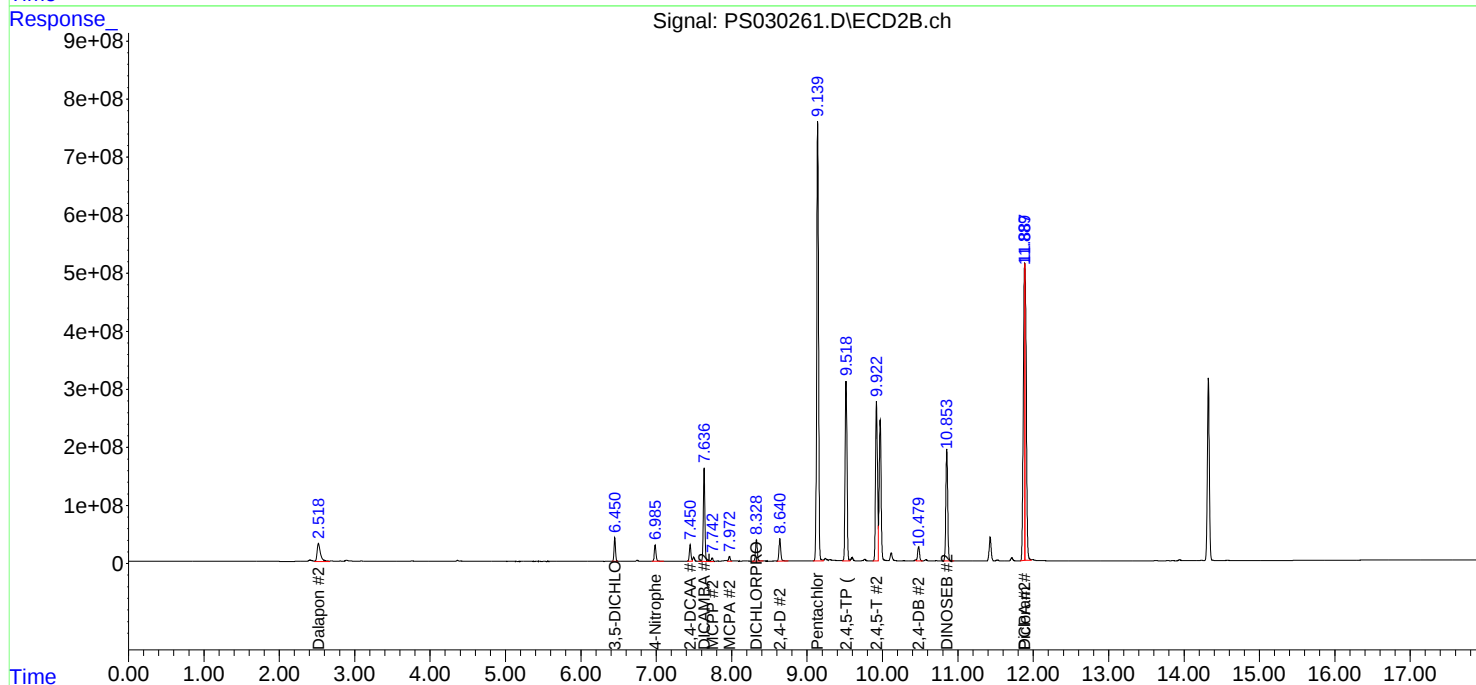
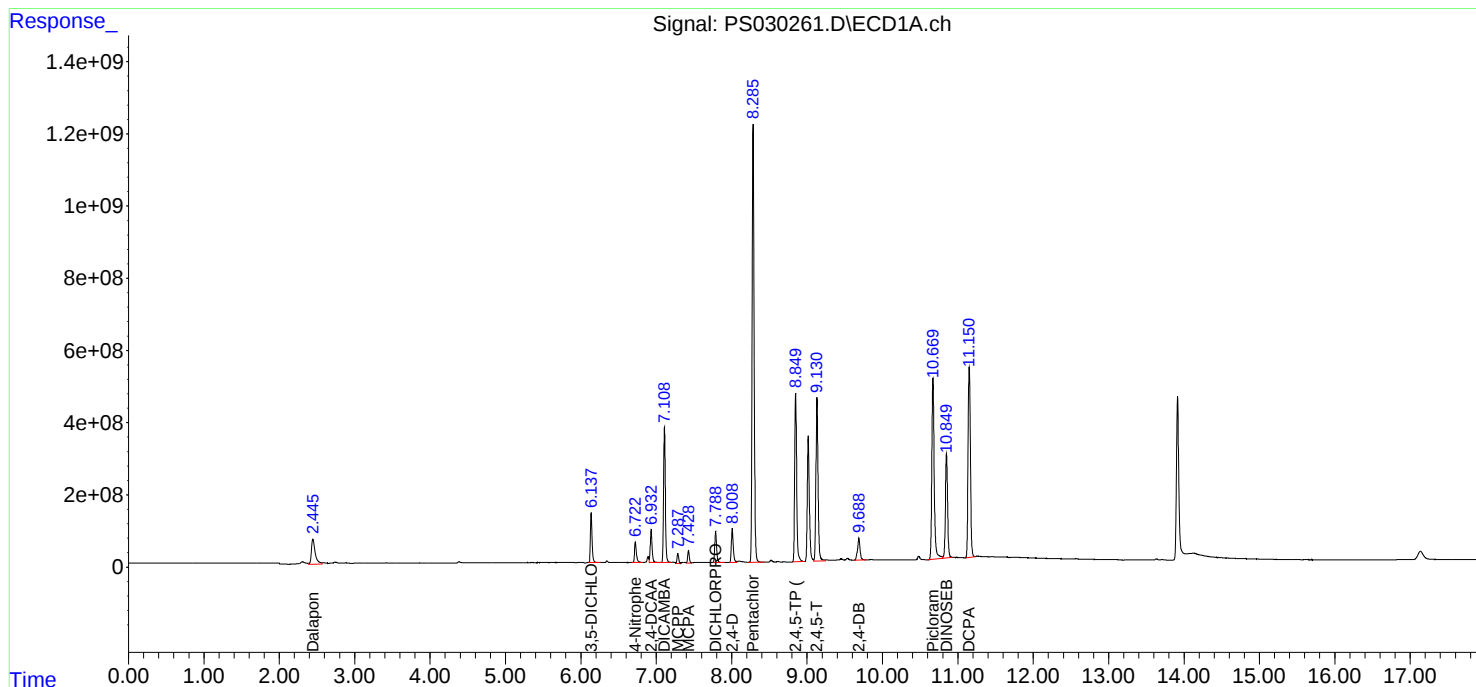
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 10:36
Operator : AR\AJ
Sample : PB168030BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB168030BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 11:15:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168003BSD	SDG No.:	Q2032
Lab Sample ID:	PB168003BSD	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	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
PS030210.D	1	05/14/25 09:05	05/15/25 01:54	PB168003

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	4.80		0.65	2.00	ug/L
120-36-5	DICHLORPROP	4.70		0.76	2.00	ug/L
94-75-7	2,4-D	4.80		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	4.90		0.78	2.00	ug/L
93-76-5	2,4,5-T	4.90		0.71	2.00	ug/L
94-82-6	2,4-DB	5.00		0.65	2.00	ug/L
88-85-7	DINOSEB	4.70		0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	507		39 - 175	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\PS051425\
 Data File : PS030210.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 May 2025 01:54
 Operator : AR\AJ
 Sample : PB168003 BSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB168003BSD

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/19/2025

Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 06:42:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.934	7.453	1444.0E6	402.0E6	507.046	502.356
Target Compounds							
1) T	Dalapon	2.446	2.520	2190.9E6	905.6E6	445.733	445.878
2) T	3,5-DICHL...	6.139	6.453	1957.1E6	525.4E6	469.257	450.629
3) T	4-Nitroph...	6.725	6.988	945.8E6	434.7E6	457.872	416.380
5) T	DICAMBA	7.110	7.638	5492.4E6	2203.9E6	475.233	466.145
6) T	MCPP	7.288	7.745	346.9E6	84518119	47.638	45.940
7) T	MCPA	7.430	7.974	468.4E6	118.8E6	45.117	45.057
8) T	DICHLORPROP	7.790	8.331	1385.6E6	552.4E6	474.289	467.572
9) T	2,4-D	8.011	8.644	1557.4E6	619.8E6	474.985	480.301
10) T	Pentachlo...	8.287	9.143	20084.6E6	12058.4E6	495.906	488.491
11) T	2,4,5-TP ...	8.850	9.521	7873.1E6	4729.2E6	486.114	480.101
12) T	2,4,5-T	9.133	9.925	8016.1E6	4385.4E6	485.377	476.482
13) T	2,4-DB	9.690	10.483	1293.0E6	448.9E6	495.445	452.324
14) T	DINOSEB	10.851	10.857	5413.8E6	3168.9E6	473.389	463.831
15) T	Picloram	10.671	11.889	9764.8E6	6959.3E6	456.577	494.509m
16) T	DCPA	11.152	11.887	9781.0E6	5986.6E6	491.222	443.106m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051425\
Data File : PS030210.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 May 2025 01:54
Operator : AR\AJ
Sample : PB168003 BSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

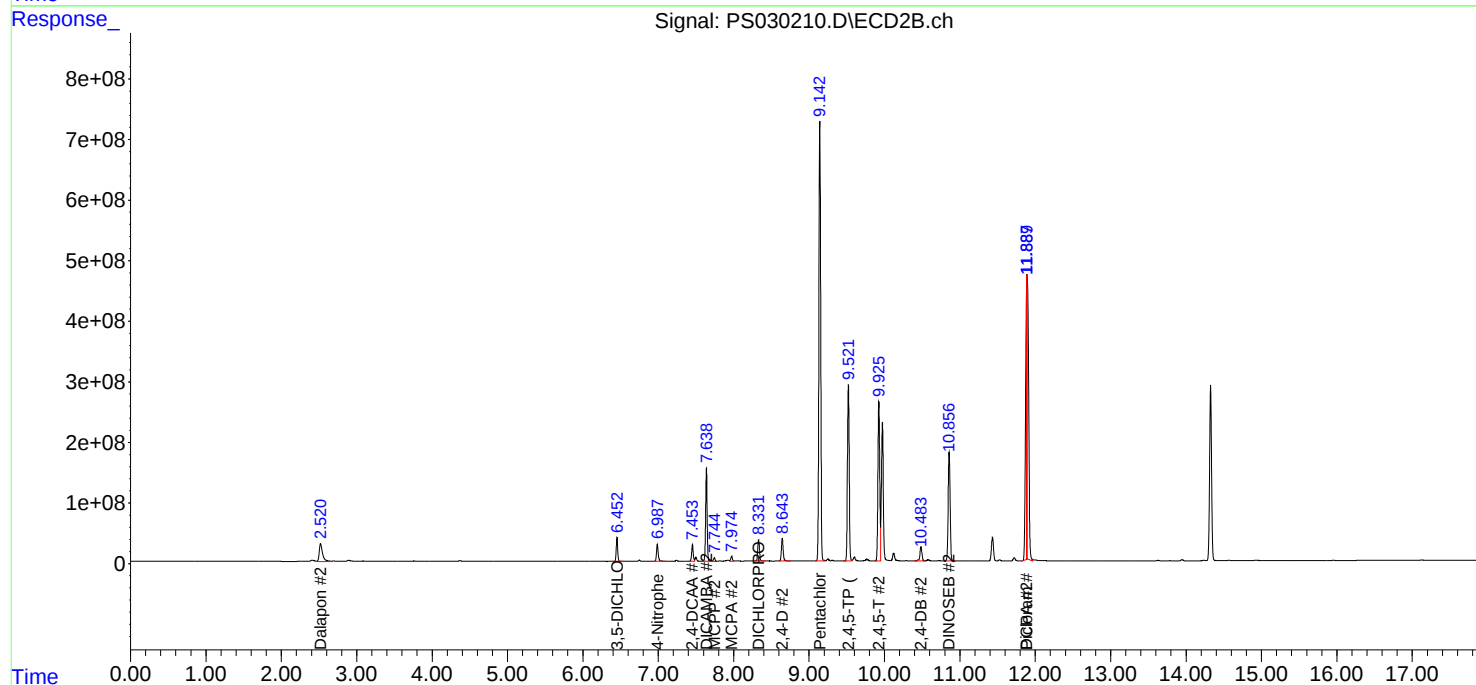
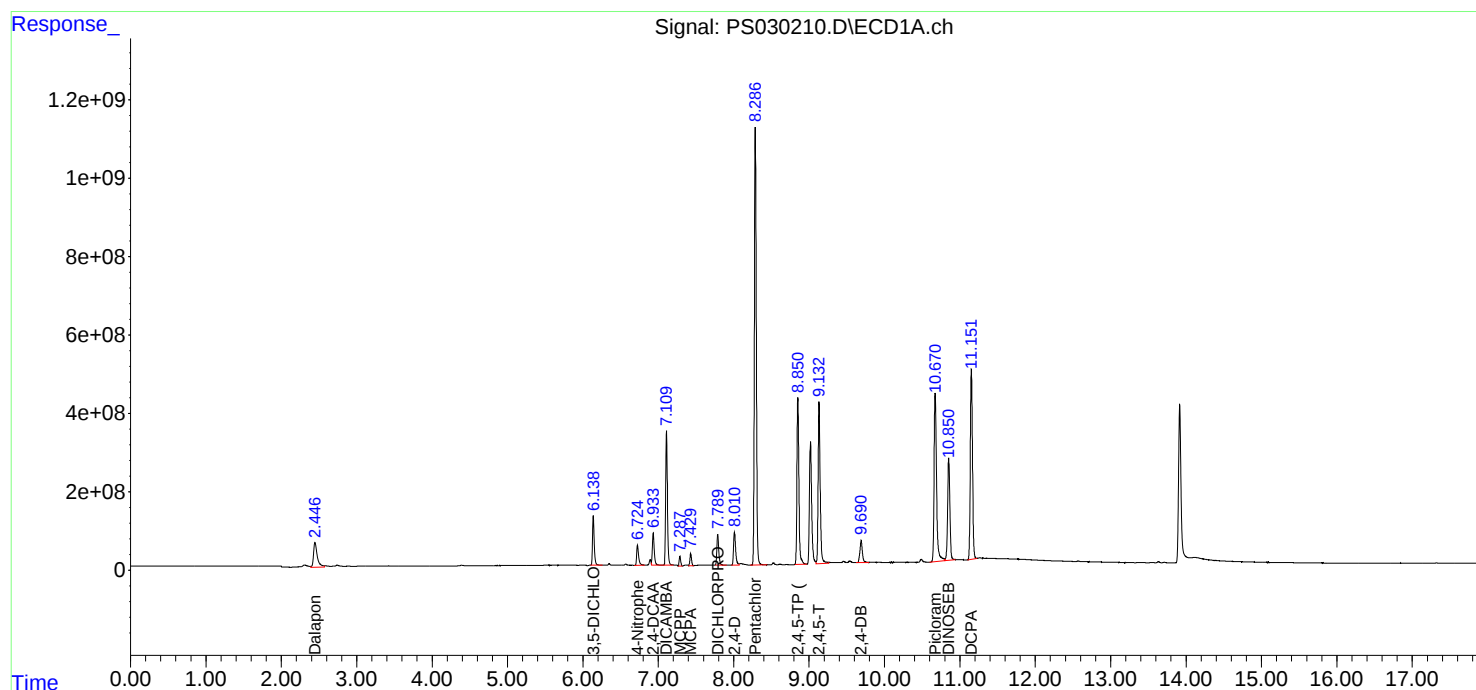
Instrument :
ECD_S
ClientSampleId :
PB168003BSD

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/19/2025
Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 15 06:42:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-24MS	SDG No.:	Q2032
Lab Sample ID:	Q2032-05MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	74.2
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030285.D	1	05/16/25 08:20	05/19/25 20:13	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	145		10.4	90.3	ug/Kg
120-36-5	DICHLORPROP	151		17.2	90.3	ug/Kg
94-75-7	2,4-D	170		12.2	90.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	156		12.2	90.3	ug/Kg
93-76-5	2,4,5-T	150		11.7	90.3	ug/Kg
94-82-6	2,4-DB	140		32.6	90.3	ug/Kg
88-85-7	DINOSEB	23.9	J	14.6	90.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	327		10 - 141	65%	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\PS051925\
 Data File : PS030285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 20:13
 Operator : AR\AJ
 Sample : Q2032-05MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-24MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:44:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.931	7.449	930.4E6	253.0E6	326.703	316.221m
Target Compounds							
1) T	Dalapon	2.444	2.514	1392.9E6	1090.9E6	283.378	537.107 #
2) T	3,5-DICHL...	6.136	6.450	1497.8E6	366.5E6	359.129	314.351m
3) T	4-Nitroph...	6.722	6.985	690.8E6	308.5E6	334.408	295.452
5) T	DICAMBA	7.107	7.635	3700.5E6	1527.2E6	320.184	323.010
6) T	MCP	7.285	7.742	167.1E6	43294891	22.950	23.533
7) T	MCPA	7.426	7.970	284.3E6	80388282	27.387	30.477
8) T	DICHLORPROP	7.787	8.327	983.5E6	390.7E6	336.656	330.728
9) T	2,4-D	8.007	8.639	1239.0E6	489.1E6	377.855	379.008
10) T	Pentachlo...	8.284	9.139	13888.8E6	8239.3E6	342.926	333.778
11) T	2,4,5-TP ...	8.848	9.517	5390.8E6	3424.2E6	332.848	347.615
12) T	2,4,5-T	9.129	9.921	5493.8E6	3079.6E6	332.652	334.612
13) T	2,4-DB	9.688	10.479	815.8E6	303.5E6	312.594m	305.871
14) T	DINOSEB	10.847	10.852	603.8E6	363.8E6	52.796	53.249
15) T	Picloram	10.668	11.887	5734.9E6	3744.2E6	268.152	266.052m
16) T	DCPA	11.149	11.883	6387.4E6	4014.2E6	320.791	297.115m

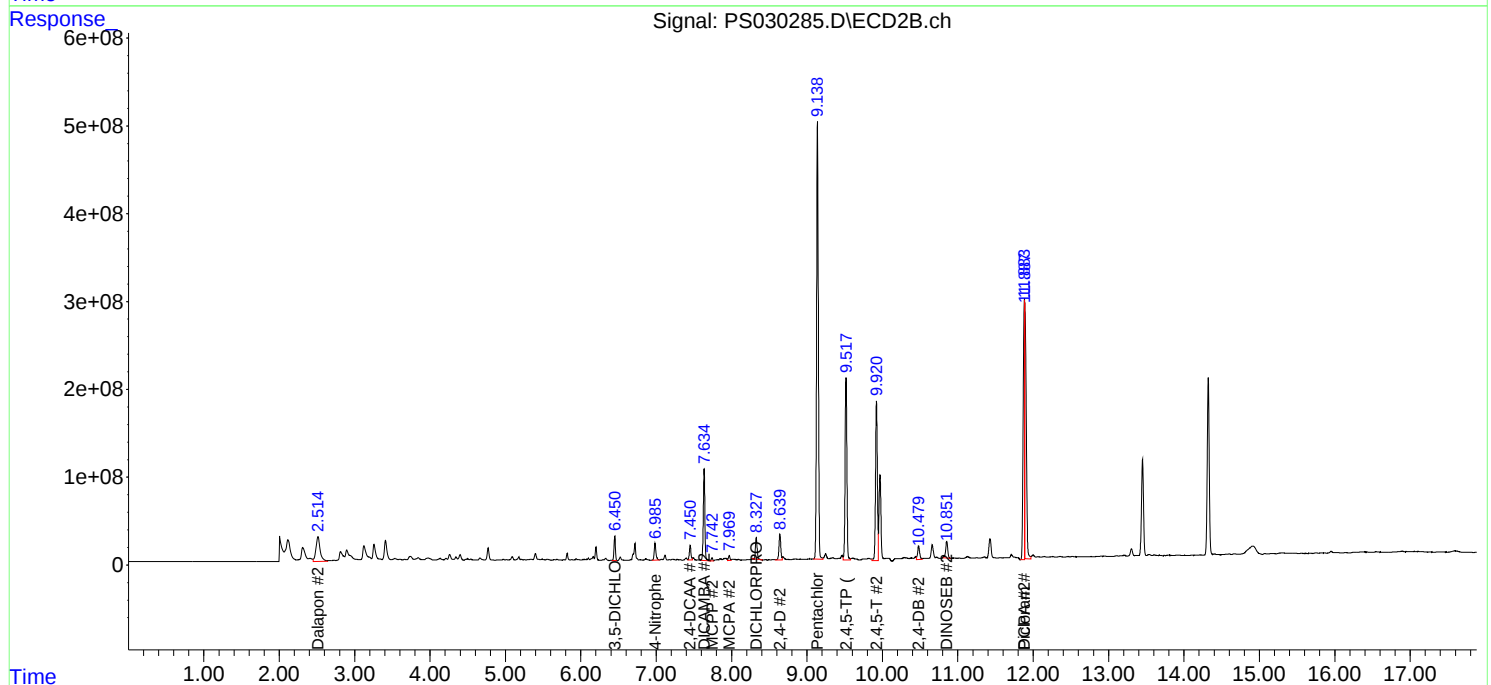
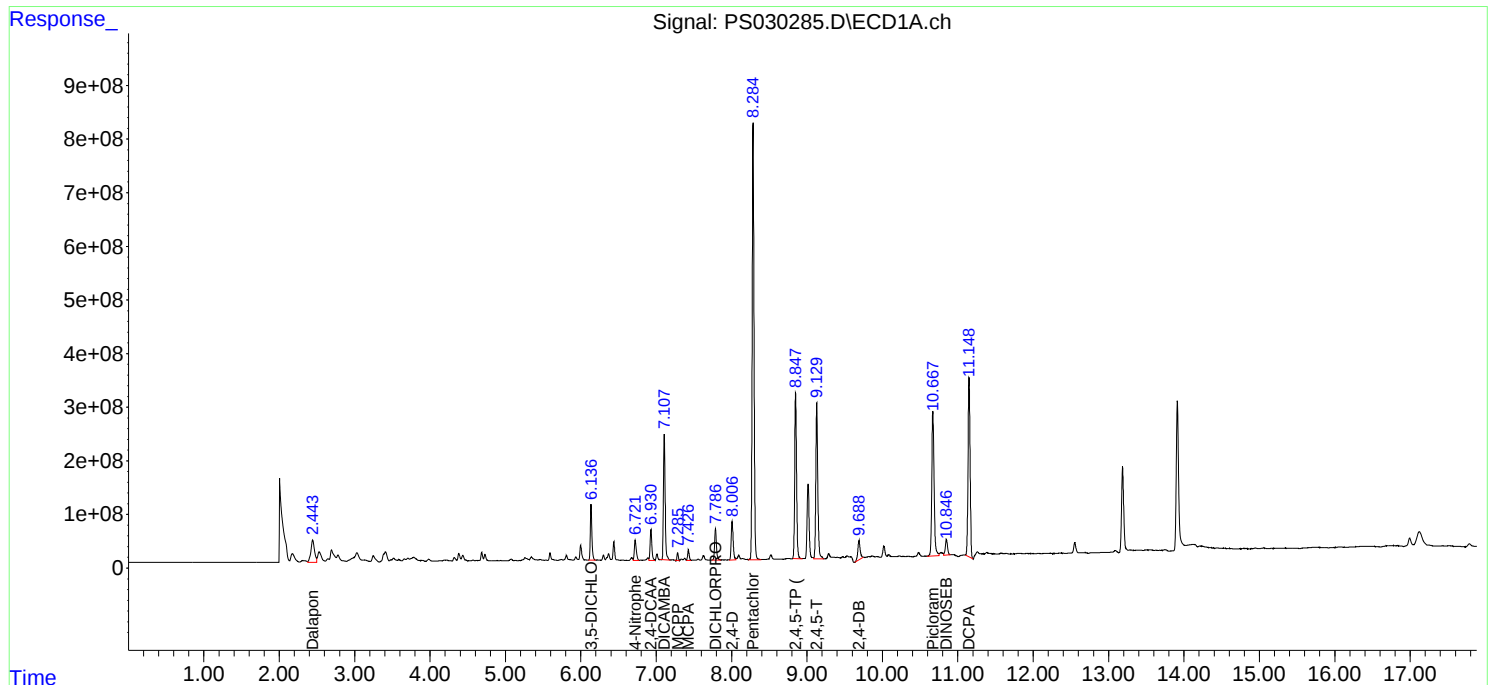
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 20:13
Operator : AR\AJ
Sample : Q2032-05MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-24MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:44:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	CDM Smith	Date Collected:	05/13/25
Project:	South River WM Replacement	Date Received:	05/13/25
Client Sample ID:	TP-24MSD	SDG No.:	Q2032
Lab Sample ID:	Q2032-06MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	74.2
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030286.D	1	05/16/25 08:20	05/19/25 20:38	PB168030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	145		10.4	90.2	ug/Kg
120-36-5	DICHLORPROP	151		17.2	90.2	ug/Kg
94-75-7	2,4-D	172		12.2	90.2	ug/Kg
93-72-1	2,4,5-TP (Silvex)	156		12.2	90.2	ug/Kg
93-76-5	2,4,5-T	150		11.7	90.2	ug/Kg
94-82-6	2,4-DB	176	P	32.6	90.2	ug/Kg
88-85-7	DINOSEB	24.1	J	14.5	90.2	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	328		10 - 141	66%	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\PS051925\
 Data File : PS030286.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 20:38
 Operator : AR\AJ
 Sample : Q2032-06MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP-24MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:45:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.931	7.450	934.0E6	253.8E6	327.962	317.229m
Target Compounds							
1) T	Dalapon	2.443	2.514	1395.7E6	1099.5E6	283.942	541.342 #
2) T	3,5-DICHL...	6.137	6.450	1501.1E6	360.9E6	359.940	309.602m
3) T	4-Nitroph...	6.722	6.985	690.3E6	308.2E6	334.167	295.221
5) T	DICAMBA	7.107	7.636	3690.3E6	1522.3E6	319.306	321.975
6) T	MCPD	7.285	7.742	166.4E6	43784192	22.854	23.799
7) T	MCPA	7.426	7.970	284.5E6	82524437	27.406	31.287
8) T	DICHLORPROP	7.787	8.327	985.0E6	388.7E6	337.161	328.965
9) T	2,4-D	8.007	8.640	1253.3E6	489.3E6	382.226	379.169
10) T	Pentachlo...	8.284	9.139	13927.9E6	8239.6E6	343.892	333.792
11) T	2,4,5-TP ...	8.847	9.517	5396.3E6	3418.4E6	333.184	347.033
12) T	2,4,5-T	9.129	9.921	5506.2E6	3082.5E6	333.402	334.918
13) T	2,4-DB	9.688	10.479	1025.6E6	301.0E6	392.984	303.309
14) T	DINOSEB	10.848	10.852	610.8E6	366.7E6	53.412	53.679
15) T	Picloram	10.668	11.888	5755.8E6	3720.3E6	269.125	264.357m
16) T	DCPA	11.149	11.883	6273.1E6	3806.4E6	315.050m	281.740m

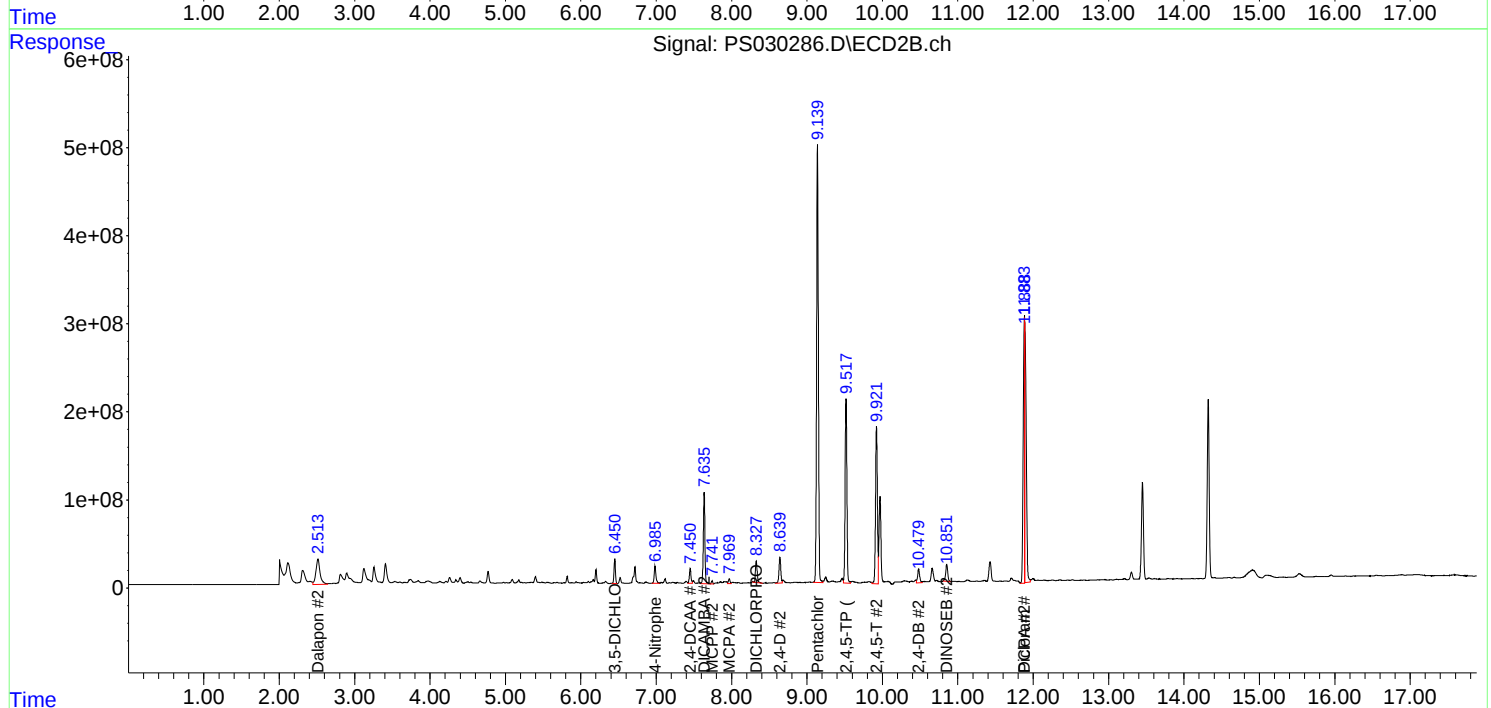
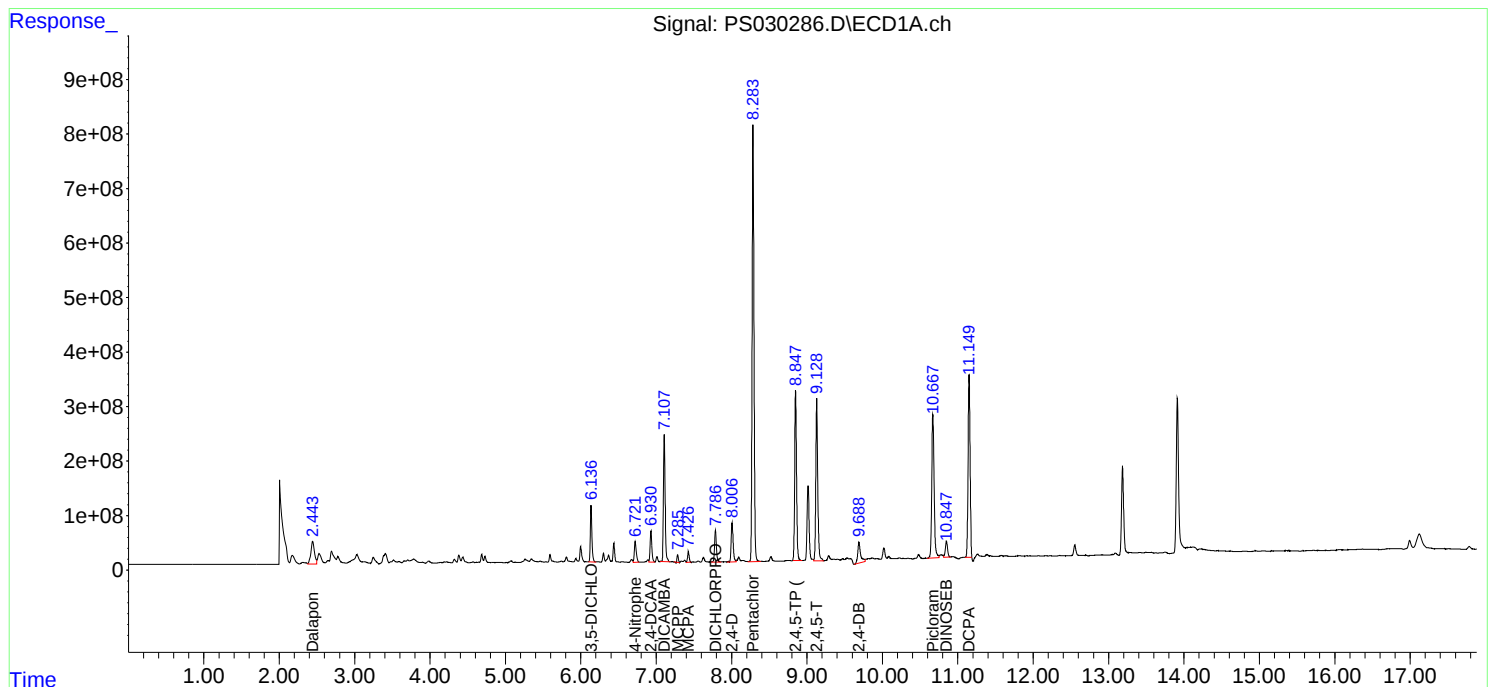
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 20:38
Operator : AR\AJ
Sample : Q2032-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
TP-24MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:	PS051225	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDICC200	PS030125.D	DCPA #2	Abdul	5/13/2025 9:33:45 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC200	PS030125.D	Picloram #2	Abdul	5/13/2025 9:33:45 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC500	PS030126.D	DCPA #2	Abdul	5/13/2025 9:33:50 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC500	PS030126.D	Picloram #2	Abdul	5/13/2025 9:33:50 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC750	PS030127.D	DCPA #2	Abdul	5/13/2025 9:33:54 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC750	PS030127.D	Picloram #2	Abdul	5/13/2025 9:33:54 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1000	PS030128.D	DCPA #2	Abdul	5/13/2025 9:33:58 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1000	PS030128.D	Picloram #2	Abdul	5/13/2025 9:33:58 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1500	PS030129.D	DCPA #2	Abdul	5/13/2025 9:34:03 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICC1500	PS030129.D	Picloram #2	Abdul	5/13/2025 9:34:03 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICV750	PS030130.D	DCPA #2	Abdul	5/13/2025 9:34:08 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDICV750	PS030130.D	Picloram #2	Abdul	5/13/2025 9:34:08 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030132.D	DCPA #2	Abdul	5/13/2025 9:34:12 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software

Manual Integration Report

Sequence:

PS051225

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030132.D	Picloram #2	Abdul	5/13/2025 9:34:12 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030138.D	DCPA #2	Abdul	5/13/2025 9:34:34 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030138.D	Picloram #2	Abdul	5/13/2025 9:34:34 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030146.D	DCPA #2	Abdul	5/13/2025 9:35:02 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software
HSTDCCC750	PS030146.D	Picloram #2	Abdul	5/13/2025 9:35:02 AM	mohammad	5/14/2025 5:13:40	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051425	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030168.D	2,4-DB #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030168.D	DCPA #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030168.D	Picloram #2	Abdul	5/15/2025 9:30:45 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030180.D	DCPA #2	Abdul	5/15/2025 7:47:51 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030180.D	Picloram #2	Abdul	5/15/2025 7:47:51 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030190.D	DCPA #2	Abdul	5/15/2025 9:31:42 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030190.D	Picloram #2	Abdul	5/15/2025 9:31:42 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030202.D	DCPA #2	Abdul	5/15/2025 9:32:02 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030202.D	Picloram #2	Abdul	5/15/2025 9:32:02 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
PB168003BS	PS030209.D	DCPA #2	Abdul	5/19/2025 3:52:29 PM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
PB168003BS	PS030209.D	Picloram #2	Abdul	5/19/2025 3:52:29 PM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
PB168003BSD	PS030210.D	DCPA #2	Abdul	5/19/2025 3:52:35 PM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
PB168003BSD	PS030210.D	Picloram #2	Abdul	5/19/2025 3:52:35 PM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software

Manual Integration Report

Sequence:

PS051425

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2032-11	PS030212.D	2,4-DCAA	Abdul	5/15/2025 9:32:31 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
Q2032-11	PS030212.D	2,4-DCAA #2	Abdul	5/15/2025 9:32:31 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030214.D	DCPA #2	Abdul	5/15/2025 9:32:34 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030214.D	Picloram #2	Abdul	5/15/2025 9:32:34 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030221.D	DCPA #2	Abdul	5/15/2025 9:32:57 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software
HSTDCCC750	PS030221.D	Picloram #2	Abdul	5/15/2025 9:32:57 AM	mohammad	5/20/2025 2:59:06	Peak Integrated by Software

Manual Integration Report

Sequence:

PS051925

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030259.D	DCPA #2	Abdul	5/20/2025 8:59:24 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030259.D	Picloram #2	Abdul	5/20/2025 8:59:24 AM	 	 	Peak Integrated by Software
PB168030BS	PS030261.D	DCPA #2	Abdul	5/20/2025 8:59:33 AM	 	 	Peak Integrated by Software
PB168030BS	PS030261.D	Picloram #2	Abdul	5/20/2025 8:59:33 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030264.D	DCPA #2	Abdul	5/20/2025 8:59:43 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030264.D	Picloram #2	Abdul	5/20/2025 8:59:43 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030276.D	DCPA #2	Abdul	5/20/2025 9:00:27 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030276.D	Picloram #2	Abdul	5/20/2025 9:00:27 AM	 	 	Peak Integrated by Software
Q2032-01	PS030281.D	2,4-DCAA #2	Abdul	5/20/2025 9:00:47 AM	 	 	Peak Integrated by Software
Q2032-02	PS030282.D	2,4-DCAA #2	Abdul	5/20/2025 9:00:51 AM	 	 	Peak Integrated by Software
Q2032-03	PS030283.D	2,4-DCAA #2	Abdul	5/20/2025 9:00:56 AM	 	 	Peak Integrated by Software
Q2032-04	PS030284.D	2,4-DCAA #2	Abdul	5/20/2025 9:01:01 AM	 	 	Peak Integrated by Software
Q2032-05MS	PS030285.D	2,4-DB	Abdul	5/20/2025 11:54:49 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	PS051925	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2032-05MS	PS030285.D	2,4-DCAA #2	Abdul	5/20/2025 11:54:49 AM	 	 	Peak Integrated by Software
Q2032-05MS	PS030285.D	3,5-DICHLOROBENZOI C ACID #2	Abdul	5/20/2025 11:54:49 AM	 	 	Peak Integrated by Software
Q2032-05MS	PS030285.D	D CPA #2	Abdul	5/20/2025 11:54:49 AM	 	 	Peak Integrated by Software
Q2032-05MS	PS030285.D	Picloram #2	Abdul	5/20/2025 11:54:49 AM	 	 	Peak Integrated by Software
Q2032-06MSD	PS030286.D	2,4-DCAA #2	Abdul	5/20/2025 9:01:10 AM	 	 	Peak Integrated by Software
Q2032-06MSD	PS030286.D	3,5-DICHLOROBENZOI C ACID #2	Abdul	5/20/2025 9:01:10 AM	 	 	Peak Integrated by Software
Q2032-06MSD	PS030286.D	D CPA	Abdul	5/20/2025 9:01:10 AM	 	 	Peak Integrated by Software
Q2032-06MSD	PS030286.D	D CPA #2	Abdul	5/20/2025 9:01:10 AM	 	 	Peak Integrated by Software
Q2032-06MSD	PS030286.D	Picloram #2	Abdul	5/20/2025 9:01:10 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030288.D	D CPA #2	Abdul	5/20/2025 9:01:15 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030288.D	Picloram #2	Abdul	5/20/2025 9:01:15 AM	 	 	Peak Integrated by Software
Q2032-07	PS030289.D	2,4-DCAA #2	Abdul	5/20/2025 9:01:18 AM	 	 	Peak Integrated by Software
Q2032-08	PS030290.D	2,4-DCAA #2	Abdul	5/20/2025 9:01:22 AM	 	 	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PS051925

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030300.D	DCPA #2	Abdul	5/20/2025 9:01:45 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030300.D	Picloram #2	Abdul	5/20/2025 9:01:45 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	PS030123.D	12 May 2025 11:42	AR\AJ	Ok
2	I.BLK	PS030124.D	12 May 2025 12:06	AR\AJ	Ok
3	HSTDICC200	PS030125.D	12 May 2025 12:30	AR\AJ	Ok,M
4	HSTDICC500	PS030126.D	12 May 2025 12:54	AR\AJ	Ok,M
5	HSTDICC750	PS030127.D	12 May 2025 13:18	AR\AJ	Ok,M
6	HSTDICC1000	PS030128.D	12 May 2025 13:42	AR\AJ	Ok,M
7	HSTDICC1500	PS030129.D	12 May 2025 14:06	AR\AJ	Ok,M
8	HSTDICV750	PS030130.D	12 May 2025 14:30	AR\AJ	Ok,M
9	I.BLK	PS030131.D	12 May 2025 14:54	AR\AJ	Ok
10	HSTDCCC750	PS030132.D	12 May 2025 15:18	AR\AJ	Ok,M
11	Q1972-01	PS030133.D	12 May 2025 15:42	AR\AJ	ReRun
12	Q1972-01RE	PS030134.D	12 May 2025 16:58	AR\AJ	Confirms
13	Q1972-05	PS030135.D	12 May 2025 17:46	AR\AJ	Ok,M
14	Q1972-05RE	PS030136.D	12 May 2025 18:10	AR\AJ	Not Ok
15	I.BLK	PS030137.D	12 May 2025 18:34	AR\AJ	Ok
16	HSTDCCC750	PS030138.D	12 May 2025 18:58	AR\AJ	Ok,M
17	PB167968BL	PS030139.D	12 May 2025 19:46	AR\AJ	Ok,M
18	PB167968BS	PS030140.D	12 May 2025 20:10	AR\AJ	Ok,M
19	PB167851TB	PS030141.D	12 May 2025 20:34	AR\AJ	Ok
20	Q1956-05	PS030142.D	12 May 2025 20:59	AR\AJ	Ok,M
21	Q1956-05MS	PS030143.D	12 May 2025 21:23	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	Q1956-05MSD	PS030144.D	12 May 2025 21:47	AR\AJ	Ok,M
23	I.BLK	PS030145.D	12 May 2025 22:11	AR\AJ	Ok
24	HSTDCCC750	PS030146.D	12 May 2025 22:35	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	PS030166.D	14 May 2025 08:16	AR\AJ	Ok
2	I.BLK	PS030167.D	14 May 2025 08:40	AR\AJ	Ok
3	HSTDCCC750	PS030168.D	14 May 2025 09:04	AR\AJ	Ok,M
4	Q2007-06RE	PS030169.D	14 May 2025 09:28	AR\AJ	Confirms
5	Q2007-12RE	PS030170.D	14 May 2025 09:52	AR\AJ	Confirms
6	Q2007-18RE	PS030171.D	14 May 2025 10:16	AR\AJ	Confirms
7	Q2007-24RE	PS030172.D	14 May 2025 10:40	AR\AJ	Confirms
8	Q2007-30RE	PS030173.D	14 May 2025 11:04	AR\AJ	Confirms
9	Q2007-36RE	PS030174.D	14 May 2025 11:28	AR\AJ	Confirms
10	Q1968-01	PS030175.D	14 May 2025 11:53	AR\AJ	Ok,M
11	Q1968-05	PS030176.D	14 May 2025 12:17	AR\AJ	Ok,M
12	Q2007-01	PS030177.D	14 May 2025 12:41	AR\AJ	Ok
13	Q2007-07	PS030178.D	14 May 2025 13:05	AR\AJ	Ok,M
14	I.BLK	PS030179.D	14 May 2025 13:29	AR\AJ	Ok
15	HSTDCCC750	PS030180.D	14 May 2025 13:53	AR\AJ	Ok,M
16	Q2007-13	PS030181.D	14 May 2025 14:17	AR\AJ	Ok,M
17	Q2007-19	PS030182.D	14 May 2025 14:41	AR\AJ	Ok,M
18	Q2007-25	PS030183.D	14 May 2025 15:05	AR\AJ	Ok,M
19	Q2007-31	PS030184.D	14 May 2025 15:29	AR\AJ	Ok,M
20	Q2007-07MS	PS030185.D	14 May 2025 15:53	AR\AJ	Ok,M
21	Q2007-07MSD	PS030186.D	14 May 2025 16:17	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	PB167976BL	PS030187.D	14 May 2025 16:41	AR\AJ	Not Ok
23	PB167976BS	PS030188.D	14 May 2025 17:05	AR\AJ	Not Ok
24	I.BLK	PS030189.D	14 May 2025 17:29	AR\AJ	Ok
25	HSTDCCC750	PS030190.D	14 May 2025 17:53	AR\AJ	Ok,M
26	Q2004-01	PS030191.D	14 May 2025 18:17	AR\AJ	Ok
27	Q2004-03	PS030192.D	14 May 2025 18:41	AR\AJ	Ok
28	Q2004-05	PS030193.D	14 May 2025 19:05	AR\AJ	Ok
29	Q2004-07	PS030194.D	14 May 2025 19:29	AR\AJ	Ok
30	Q2004-09	PS030195.D	14 May 2025 19:54	AR\AJ	Ok,M
31	Q2004-11	PS030196.D	14 May 2025 20:18	AR\AJ	Ok,M
32	PB167988BL	PS030197.D	14 May 2025 20:42	AR\AJ	Ok,M
33	PB167988BS	PS030198.D	14 May 2025 21:06	AR\AJ	Not Ok
34	PB167963TB	PS030199.D	14 May 2025 21:30	AR\AJ	Ok,M
35	Q2001-03	PS030200.D	14 May 2025 21:54	AR\AJ	Ok
36	I.BLK	PS030201.D	14 May 2025 22:18	AR\AJ	Ok
37	HSTDCCC750	PS030202.D	14 May 2025 22:42	AR\AJ	Ok,M
38	Q2001-03MS	PS030203.D	14 May 2025 23:06	AR\AJ	Ok,M
39	Q2001-03MSD	PS030204.D	14 May 2025 23:30	AR\AJ	Ok,M
40	Q2001-07	PS030205.D	14 May 2025 23:54	AR\AJ	Ok
41	Q2001-11	PS030206.D	15 May 2025 00:18	AR\AJ	Ok
42	Q2001-15	PS030207.D	15 May 2025 00:42	AR\AJ	Ok,M
43	PB168003BL	PS030208.D	15 May 2025 01:06	AR\AJ	Ok
44	PB168003BS	PS030209.D	15 May 2025 01:30	AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC Internal Standard/PEM	PP24559		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24562		

45	PB168003BSD	PS030210.D	15 May 2025 01:54	AR\AJ	Ok,M
46	Q2005-01	PS030211.D	15 May 2025 02:19	AR\AJ	Ok,M
47	Q2032-11	PS030212.D	15 May 2025 05:02	AR\AJ	Ok,M
48	I.BLK	PS030213.D	15 May 2025 05:26	AR\AJ	Ok
49	HSTDCCC750	PS030214.D	15 May 2025 05:50	AR\AJ	Ok,M
50	PB167976BL	PS030215.D	15 May 2025 06:13	AR\AJ	Ok,M
51	PB167976BS	PS030216.D	15 May 2025 06:37	AR\AJ	Ok,M
52	Q2017-01	PS030217.D	15 May 2025 07:01	AR\AJ	Ok,M
53	Q2017-05	PS030218.D	15 May 2025 07:25	AR\AJ	Ok,M
54	PB167979BS	PS030219.D	15 May 2025 07:49	AR\AJ	Not Ok
55	I.BLK	PS030220.D	15 May 2025 08:13	AR\AJ	Ok
56	HSTDCCC750	PS030221.D	15 May 2025 08:37	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051925

Review By	Abdul	Review On	5/20/2025 9:02:23 AM
Supervise By		Supervise On	
SubDirectory	PS051925	HP Acquire Method	HP Processing Method ps051225 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	PS030257.D	19 May 2025 08:30	AR\AJ	Ok
2	I.BLK	PS030258.D	19 May 2025 08:54	AR\AJ	Ok
3	HSTDCCC750	PS030259.D	19 May 2025 09:18	AR\AJ	Ok,NS
4	PB168030BL	PS030260.D	19 May 2025 10:12	AR\AJ	Ok
5	PB168030BS	PS030261.D	19 May 2025 10:36	AR\AJ	Ok,NS
6	Q2038-01	PS030262.D	19 May 2025 11:00	AR\AJ	Ok,NS
7	I.BLK	PS030263.D	19 May 2025 11:24	AR\AJ	Ok
8	HSTDCCC750	PS030264.D	19 May 2025 11:48	AR\AJ	Ok,NS
9	Q2034-01	PS030265.D	19 May 2025 12:12	AR\AJ	Ok,NS
10	Q2034-05	PS030266.D	19 May 2025 12:36	AR\AJ	Ok,NS
11	Q2034-09	PS030267.D	19 May 2025 13:00	AR\AJ	Ok,NS
12	Q2034-13	PS030268.D	19 May 2025 13:24	AR\AJ	Ok,NS
13	Q2034-17	PS030269.D	19 May 2025 13:48	AR\AJ	Ok,NS
14	Q2034-21	PS030270.D	19 May 2025 14:12	AR\AJ	Ok,NS
15	Q2048-01	PS030271.D	19 May 2025 14:36	AR\AJ	Ok,NS
16	Q2048-05	PS030272.D	19 May 2025 15:00	AR\AJ	Ok,NS
17	Q2048-09	PS030273.D	19 May 2025 15:24	AR\AJ	Ok,NS
18	Q2048-13	PS030274.D	19 May 2025 15:48	AR\AJ	Ok,NS
19	I.BLK	PS030275.D	19 May 2025 16:12	AR\AJ	Ok
20	HSTDCCC750	PS030276.D	19 May 2025 16:37	AR\AJ	Ok,NS
21	Q2052-01	PS030277.D	19 May 2025 17:01	AR\AJ	Ok,NS

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051925

Review By	Abdul	Review On	5/20/2025 9:02:23 AM
Supervise By		Supervise On	
SubDirectory	PS051925	HP Acquire Method	HP Processing Method ps051225 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	Q2057-01	PS030278.D	19 May 2025 17:25	AR\AJ	Ok,NS
23	PB167996BL	PS030279.D	19 May 2025 17:49	AR\AJ	Ok,NS
24	PB167996BS	PS030280.D	19 May 2025 18:13	AR\AJ	Ok,NS
25	Q2032-01	PS030281.D	19 May 2025 18:37	AR\AJ	Ok,NS
26	Q2032-02	PS030282.D	19 May 2025 19:01	AR\AJ	Ok,NS
27	Q2032-03	PS030283.D	19 May 2025 19:25	AR\AJ	Ok,NS
28	Q2032-04	PS030284.D	19 May 2025 19:49	AR\AJ	Ok,NS
29	Q2032-05MS	PS030285.D	19 May 2025 20:13	AR\AJ	Ok,NS
30	Q2032-06MSD	PS030286.D	19 May 2025 20:38	AR\AJ	Ok,NS
31	I.BLK	PS030287.D	19 May 2025 21:02	AR\AJ	Ok
32	HSTDCCC750	PS030288.D	19 May 2025 21:26	AR\AJ	Ok,NS
33	Q2032-07	PS030289.D	19 May 2025 21:50	AR\AJ	Ok,NS
34	Q2032-08	PS030290.D	19 May 2025 22:14	AR\AJ	Ok,NS
35	PB168065BL	PS030291.D	19 May 2025 22:38	AR\AJ	Ok
36	PB168065BS	PS030292.D	19 May 2025 23:02	AR\AJ	Ok,NS
37	PB167994TB	PS030293.D	19 May 2025 23:26	AR\AJ	Ok,NS
38	Q2027-03	PS030294.D	19 May 2025 23:50	AR\AJ	Ok
39	Q2027-03MS	PS030295.D	20 May 2025 00:14	AR\AJ	Ok,NS
40	Q2027-03MSD	PS030296.D	20 May 2025 00:38	AR\AJ	Ok,NS
41	Q2027-04	PS030297.D	20 May 2025 01:03	AR\AJ	Ok
42	Q2032-09	PS030298.D	20 May 2025 01:27	AR\AJ	Ok
43	I.BLK	PS030299.D	20 May 2025 01:51	AR\AJ	Ok
44	HSTDCCC750	PS030300.D	20 May 2025 02:15	AR\AJ	Ok,NS

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS051925

Review By	Abdul	Review On	5/20/2025 9:02:23 AM
Supervise By		Supervise On	
SubDirectory	PS051925	HP Acquire Method	HP Processing Method ps051225 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		

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	PS030123.D	12 May 2025 11:42		AR\AJ	Ok
2	I.BLK	I.BLK	PS030124.D	12 May 2025 12:06		AR\AJ	Ok
3	HSTDICC200	HSTDICC200	PS030125.D	12 May 2025 12:30		AR\AJ	Ok,M
4	HSTDICC500	HSTDICC500	PS030126.D	12 May 2025 12:54		AR\AJ	Ok,M
5	HSTDICC750	HSTDICC750	PS030127.D	12 May 2025 13:18		AR\AJ	Ok,M
6	HSTDICC1000	HSTDICC1000	PS030128.D	12 May 2025 13:42		AR\AJ	Ok,M
7	HSTDICC1500	HSTDICC1500	PS030129.D	12 May 2025 14:06		AR\AJ	Ok,M
8	HSTDICV750	ICVPS051225	PS030130.D	12 May 2025 14:30		AR\AJ	Ok,M
9	I.BLK	I.BLK	PS030131.D	12 May 2025 14:54		AR\AJ	Ok
10	HSTDCCC750	HSTDCCC750	PS030132.D	12 May 2025 15:18		AR\AJ	Ok,M
11	Q1972-01	SUB-WC	PS030133.D	12 May 2025 15:42	Surrogate high in both column	AR\AJ	ReRun
12	Q1972-01RE	SUB-WCRE	PS030134.D	12 May 2025 16:58	Surrogate high in both column	AR\AJ	Confirms
13	Q1972-05	WC-B-10	PS030135.D	12 May 2025 17:46		AR\AJ	Ok,M
14	Q1972-05RE	WC-B-10RE	PS030136.D	12 May 2025 18:10	not needed	AR\AJ	Not Ok
15	I.BLK	I.BLK	PS030137.D	12 May 2025 18:34		AR\AJ	Ok
16	HSTDCCC750	HSTDCCC750	PS030138.D	12 May 2025 18:58		AR\AJ	Ok,M
17	PB167968BL	PB167968BL	PS030139.D	12 May 2025 19:46		AR\AJ	Ok,M
18	PB167968BS	PB167968BS	PS030140.D	12 May 2025 20:10		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051225

Review By	Abdul	Review On	5/13/2025 9:35:21 AM
Supervise By	mohammad	Supervise On	5/14/2025 5:13:40 AM
SubDirectory	PS051225	HP Acquire Method	HP Processing Method ps051225 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	PB167851TB	PB167851TB	PS030141.D	12 May 2025 20:34		AR\AJ	Ok
20	Q1956-05	COMP1	PS030142.D	12 May 2025 20:59		AR\AJ	Ok,M
21	Q1956-05MS	COMP1MS	PS030143.D	12 May 2025 21:23	Comp#1,6,14 recovery fail	AR\AJ	Ok,M
22	Q1956-05MSD	COMP1MSD	PS030144.D	12 May 2025 21:47	Comp#1,6,14 recovery fail	AR\AJ	Ok,M
23	I.BLK	I.BLK	PS030145.D	12 May 2025 22:11		AR\AJ	Ok
24	HSTDCCC750	HSTDCCC750	PS030146.D	12 May 2025 22:35		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	PS030166.D	14 May 2025 08:16		AR\AJ	Ok
2	I.BLK	I.BLK	PS030167.D	14 May 2025 08:40		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030168.D	14 May 2025 09:04		AR\AJ	Ok,M
4	Q2007-06RE	OR-636-COMP-10RE	PS030169.D	14 May 2025 09:28	Surrogate high in 1st column	AR\AJ	Confirms
5	Q2007-12RE	OR-636-COMP-11RE	PS030170.D	14 May 2025 09:52	Surrogate high in 1st column	AR\AJ	Confirms
6	Q2007-18RE	OR-636-COMP-12RE	PS030171.D	14 May 2025 10:16	Surrogate high in 1st column	AR\AJ	Confirms
7	Q2007-24RE	OR-636-COMP-13RE	PS030172.D	14 May 2025 10:40	Surrogate high in 1st column	AR\AJ	Confirms
8	Q2007-30RE	OR-636-COMP-14RE	PS030173.D	14 May 2025 11:04	Surrogate high in 1st column	AR\AJ	Confirms
9	Q2007-36RE	OR-636-COMP-15RE	PS030174.D	14 May 2025 11:28	Surrogate high in 1st column	AR\AJ	Confirms
10	Q1968-01	MH-N	PS030175.D	14 May 2025 11:53		AR\AJ	Ok,M
11	Q1968-05	MH-M	PS030176.D	14 May 2025 12:17		AR\AJ	Ok,M
12	Q2007-01	OR-636-COMP-10	PS030177.D	14 May 2025 12:41		AR\AJ	Ok
13	Q2007-07	OR-636-COMP-11	PS030178.D	14 May 2025 13:05		AR\AJ	Ok,M
14	I.BLK	I.BLK	PS030179.D	14 May 2025 13:29		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS030180.D	14 May 2025 13:53		AR\AJ	Ok,M
16	Q2007-13	OR-636-COMP-12	PS030181.D	14 May 2025 14:17		AR\AJ	Ok,M
17	Q2007-19	OR-636-COMP-13	PS030182.D	14 May 2025 14:41		AR\AJ	Ok,M
18	Q2007-25	OR-636-COMP-14	PS030183.D	14 May 2025 15:05		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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	Q2007-31	OR-636-COMP-15	PS030184.D	14 May 2025 15:29		AR\AJ	Ok,M
20	Q2007-07MS	OR-636-COMP-11MS	PS030185.D	14 May 2025 15:53	some compound recovery fail	AR\AJ	Ok,M
21	Q2007-07MSD	OR-636-COMP-11MSD	PS030186.D	14 May 2025 16:17	some compound recovery fail	AR\AJ	Ok,M
22	PB167976BL	PB167976BL	PS030187.D	14 May 2025 16:41		AR\AJ	Not Ok
23	PB167976BS	PB167976BS	PS030188.D	14 May 2025 17:05		AR\AJ	Not Ok
24	I.BLK	I.BLK	PS030189.D	14 May 2025 17:29		AR\AJ	Ok
25	HSTDCCC750	HSTDCCC750	PS030190.D	14 May 2025 17:53		AR\AJ	Ok,M
26	Q2004-01	VNJ-220	PS030191.D	14 May 2025 18:17		AR\AJ	Ok
27	Q2004-03	2811	PS030192.D	14 May 2025 18:41		AR\AJ	Ok
28	Q2004-05	R0202	PS030193.D	14 May 2025 19:05		AR\AJ	Ok
29	Q2004-07	205510	PS030194.D	14 May 2025 19:29		AR\AJ	Ok
30	Q2004-09	SOIL-STOCK	PS030195.D	14 May 2025 19:54		AR\AJ	Ok,M
31	Q2004-11	STONE-STOCK	PS030196.D	14 May 2025 20:18		AR\AJ	Ok,M
32	PB167988BL	PB167988BL	PS030197.D	14 May 2025 20:42		AR\AJ	Ok,M
33	PB167988BS	PB167988BS	PS030198.D	14 May 2025 21:06	Looks like BL	AR\AJ	Not Ok
34	PB167963TB	PB167963TB	PS030199.D	14 May 2025 21:30		AR\AJ	Ok,M
35	Q2001-03	WC-A4-03-C	PS030200.D	14 May 2025 21:54		AR\AJ	Ok
36	I.BLK	I.BLK	PS030201.D	14 May 2025 22:18		AR\AJ	Ok
37	HSTDCCC750	HSTDCCC750	PS030202.D	14 May 2025 22:42		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	Q2001-03MS	WC-A4-03-CMS	PS030203.D	14 May 2025 23:06	Comp#1,8,14 recovery fail	AR\AJ	Ok,M
39	Q2001-03MSD	WC-A4-03-CMSD	PS030204.D	14 May 2025 23:30	Comp#1,8,14 recovery fail	AR\AJ	Ok,M
40	Q2001-07	WC-A1-05-C	PS030205.D	14 May 2025 23:54		AR\AJ	Ok
41	Q2001-11	WC-A1-06-C	PS030206.D	15 May 2025 00:18		AR\AJ	Ok
42	Q2001-15	WC-A1-07-C	PS030207.D	15 May 2025 00:42		AR\AJ	Ok,M
43	PB168003BL	PB168003BL	PS030208.D	15 May 2025 01:06		AR\AJ	Ok
44	PB168003BS	PB168003BS	PS030209.D	15 May 2025 01:30		AR\AJ	Ok,M
45	PB168003BSD	PB168003BSD	PS030210.D	15 May 2025 01:54		AR\AJ	Ok,M
46	Q2005-01	252806	PS030211.D	15 May 2025 02:19		AR\AJ	Ok,M
47	Q2032-11	FB-05132025	PS030212.D	15 May 2025 05:02		AR\AJ	Ok,M
48	I.BLK	I.BLK	PS030213.D	15 May 2025 05:26		AR\AJ	Ok
49	HSTDCCC750	HSTDCCC750	PS030214.D	15 May 2025 05:50		AR\AJ	Ok,M
50	PB167976BL	PB167976BL	PS030215.D	15 May 2025 06:13		AR\AJ	Ok,M
51	PB167976BS	PB167976BS	PS030216.D	15 May 2025 06:37		AR\AJ	Ok,M
52	Q2017-01	MH-I	PS030217.D	15 May 2025 07:01		AR\AJ	Ok,M
53	Q2017-05	MH-J	PS030218.D	15 May 2025 07:25		AR\AJ	Ok,M
54	PB167979BS	PB167979BS	PS030219.D	15 May 2025 07:49	typo	AR\AJ	Not Ok
55	I.BLK	I.BLK	PS030220.D	15 May 2025 08:13		AR\AJ	Ok
56	HSTDCCC750	HSTDCCC750	PS030221.D	15 May 2025 08:37		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051425

Review By	Abdul	Review On	5/15/2025 7:48:32 AM
Supervise By	mohammad	Supervise On	5/20/2025 2:59:07 AM
SubDirectory	PS051425	HP Acquire Method	HP Processing Method ps051225 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		

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051925

Review By	Abdul	Review On	5/20/2025 9:02:23 AM
Supervise By		Supervise On	
SubDirectory	PS051925	HP Acquire Method	HP Processing Method ps051225 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	PS030257.D	19 May 2025 08:30		AR\AJ	Ok
2	I.BLK	I.BLK	PS030258.D	19 May 2025 08:54		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030259.D	19 May 2025 09:18		AR\AJ	Ok,NS
4	PB168030BL	PB168030BL	PS030260.D	19 May 2025 10:12		AR\AJ	Ok
5	PB168030BS	PB168030BS	PS030261.D	19 May 2025 10:36		AR\AJ	Ok,NS
6	Q2038-01	72-11991	PS030262.D	19 May 2025 11:00		AR\AJ	Ok,NS
7	I.BLK	I.BLK	PS030263.D	19 May 2025 11:24		AR\AJ	Ok
8	HSTDCCC750	HSTDCCC750	PS030264.D	19 May 2025 11:48		AR\AJ	Ok,NS
9	Q2034-01	L3-WC-1	PS030265.D	19 May 2025 12:12		AR\AJ	Ok,NS
10	Q2034-05	L3-WC-2	PS030266.D	19 May 2025 12:36		AR\AJ	Ok,NS
11	Q2034-09	L3-WC-3	PS030267.D	19 May 2025 13:00		AR\AJ	Ok,NS
12	Q2034-13	L3-WC-4	PS030268.D	19 May 2025 13:24		AR\AJ	Ok,NS
13	Q2034-17	L3-WC-5	PS030269.D	19 May 2025 13:48		AR\AJ	Ok,NS
14	Q2034-21	L3-WC-6	PS030270.D	19 May 2025 14:12		AR\AJ	Ok,NS
15	Q2048-01	L2-WC-1	PS030271.D	19 May 2025 14:36		AR\AJ	Ok,NS
16	Q2048-05	L2-WC-2	PS030272.D	19 May 2025 15:00		AR\AJ	Ok,NS
17	Q2048-09	L2-WC-3	PS030273.D	19 May 2025 15:24		AR\AJ	Ok,NS
18	Q2048-13	L2-WC-4	PS030274.D	19 May 2025 15:48		AR\AJ	Ok,NS

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051925

Review By	Abdul	Review On	5/20/2025 9:02:23 AM
Supervise By		Supervise On	
SubDirectory	PS051925	HP Acquire Method	HP Processing Method ps051225 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24553,PP24554,PP24556,PP24557,PP24558,PP24559,PP24560		
CCC	PP24559		
Internal Standard/PEM			
ICV/I.BLK	PP24562		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	I.BLK	I.BLK	PS030275.D	19 May 2025 16:12		AR\AJ	Ok
20	HSTDCCC750	HSTDCCC750	PS030276.D	19 May 2025 16:37		AR\AJ	Ok,NS
21	Q2052-01	TP-B	PS030277.D	19 May 2025 17:01		AR\AJ	Ok,NS
22	Q2057-01	MH-L	PS030278.D	19 May 2025 17:25		AR\AJ	Ok,NS
23	PB167996BL	PB167996BL	PS030279.D	19 May 2025 17:49		AR\AJ	Ok,NS
24	PB167996BS	PB167996BS	PS030280.D	19 May 2025 18:13		AR\AJ	Ok,NS
25	Q2032-01	TP-11	PS030281.D	19 May 2025 18:37		AR\AJ	Ok,NS
26	Q2032-02	TP-29	PS030282.D	19 May 2025 19:01		AR\AJ	Ok,NS
27	Q2032-03	TP-29-99	PS030283.D	19 May 2025 19:25		AR\AJ	Ok,NS
28	Q2032-04	TP-24	PS030284.D	19 May 2025 19:49		AR\AJ	Ok,NS
29	Q2032-05MS	TP-24MS	PS030285.D	19 May 2025 20:13		AR\AJ	Ok,NS
30	Q2032-06MSD	TP-24MSD	PS030286.D	19 May 2025 20:38		AR\AJ	Ok,NS
31	I.BLK	I.BLK	PS030287.D	19 May 2025 21:02		AR\AJ	Ok
32	HSTDCCC750	HSTDCCC750	PS030288.D	19 May 2025 21:26		AR\AJ	Ok,NS
33	Q2032-07	TP-37	PS030289.D	19 May 2025 21:50		AR\AJ	Ok,NS
34	Q2032-08	TP-32	PS030290.D	19 May 2025 22:14		AR\AJ	Ok,NS
35	PB168065BL	PB168065BL	PS030291.D	19 May 2025 22:38		AR\AJ	Ok
36	PB168065BS	PB168065BS	PS030292.D	19 May 2025 23:02		AR\AJ	Ok,NS
37	PB167994TB	PB167994TB	PS030293.D	19 May 2025 23:26		AR\AJ	Ok,NS

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS051925

Review By	Abdul	Review On	5/20/2025 9:02:23 AM
Supervise By		Supervise On	
SubDirectory	PS051925	HP Acquire Method	HP Processing Method ps051225 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		

38	Q2027-03	B27-SOIL-SAMPLE	PS030294.D	19 May 2025 23:50		AR\AJ	Ok
39	Q2027-03MS	B27-SOIL-SAMPLEMS	PS030295.D	20 May 2025 00:14		AR\AJ	Ok,NS
40	Q2027-03MSD	B27-SOIL-SAMPLEMS	PS030296.D	20 May 2025 00:38		AR\AJ	Ok,NS
41	Q2027-04	B28-SOIL-SAMPLE	PS030297.D	20 May 2025 01:03		AR\AJ	Ok
42	Q2032-09	COMP-1	PS030298.D	20 May 2025 01:27		AR\AJ	Ok
43	I.BLK	I.BLK	PS030299.D	20 May 2025 01:51		AR\AJ	Ok
44	HSTDCCC750	HSTDCCC750	PS030300.D	20 May 2025 02:15		AR\AJ	Ok,NS

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 05/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2021-01	WASTE	1	1.14	10.48	11.62	10.41	88.5	
Q2021-02	VOC	2	1.19	10.25	11.44	9.99	85.9	
Q2021-03	1	3	1.15	10.01	11.16	9.88	87.2	
Q2021-04	2	4	1.18	10.25	11.43	9.88	84.9	
Q2021-05	3	5	1.17	10.09	11.26	10.12	88.7	
Q2021-06	4	6	1.16	10.60	11.76	10.5	88.1	
Q2021-07	5	7	1.18	10.60	11.78	10.36	86.6	
Q2021-08	6	8	1.18	10.21	11.39	10.12	87.6	
Q2032-01	TP-11	9	1.14	10.08	11.22	8.83	76.3	
Q2032-02	TP-29	10	1.18	10.39	11.57	10.13	86.1	
Q2032-03	TP-29-99	11	1.19	10.40	11.59	10.22	86.8	
Q2032-04	TP-24	12	1.15	10.70	11.85	9.09	74.2	
Q2032-05	Q2032-04MS	13	1.15	10.70	11.85	9.09	74.2	
Q2032-06	Q2032-04MSD	14	1.15	10.70	11.85	9.09	74.2	
Q2032-07	TP-37	15	1.19	10.00	11.19	9.44	82.5	
Q2032-08	TP-32	16	1.17	10.08	11.25	9.92	86.8	
Q2034-01	L3-WC-1	17	1.14	10.24	11.38	10.11	87.6	
Q2034-02	L3-WC-1-EPH	18	1.18	10.23	11.41	10.22	88.4	
Q2034-03	L3-WC-1-VOC	19	1.15	10.10	11.25	10.19	89.5	
Q2034-04	L3-WC-1	20	1.14	10.24	11.38	10.11	87.6	
Q2034-05	L3-WC-2	21	1.17	10.18	11.35	9.88	85.6	
Q2034-06	L3-WC-2-EPH	22	1.18	10.71	11.89	10.47	86.7	
Q2034-07	L3-WC-2-VOC	23	1.19	10.52	11.71	10.46	88.1	
Q2034-09	L3-WC-3	24	1.14	10.26	11.4	9.65	82.9	
Q2034-10	L3-WC-3-EPH	25	1.14	10.26	11.4	10.11	87.4	
Q2034-11	L3-WC-3-VOC	26	1.19	10.53	11.72	10.39	87.4	
Q2034-13	L3-WC-4	27	1.18	10.51	11.69	10.26	86.4	
Q2034-14	L3-WC-4-EPH	28	1.15	10.42	11.57	10.23	87.1	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 05/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2034-15	L3-WC-4-VOC	29	1.15	10.37	11.52	10.7	92.1	
Q2034-17	L3-WC-5	30	1.13	10.76	11.89	10.49	87.0	
Q2034-18	L3-WC-5-EPH	31	1.15	10.66	11.81	10.02	83.2	
Q2034-19	L3-WC-5-VOC	32	1.19	10.72	11.91	10.6	87.8	
Q2034-21	L3-WC-6	33	1.18	10.14	11.32	9.92	86.2	
Q2034-22	L3-WC-6-EPH	34	1.14	10.08	11.22	10.6	93.8	
Q2034-23	L3-WC-6-VOC	35	1.11	10.00	11.11	9.3	81.9	
Q2038-01	72-11991	36	1.15	10.56	11.71	10.81	91.5	
Q2039-01	TR-05-05142025	37	1.18	9.92	11.1	9.54	84.3	
Q2039-02	TR-05-05142025-E2	38	1.15	10.23	11.38	10.17	88.2	
Q2040-01	1	39	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-02	2	40	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-03	3	41	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-04	4	42	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-05	5	43	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-06	6	44	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2040-07	7	45	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2041-01	HIH359A-1-1	46	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-02	HIH359A-1-2	47	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-03	HIA9895-1-1	48	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-04	HIA9895-1-2	49	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-05	250-1-1	50	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-06	250-1-2	51	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-07	250-2-1	52	1.00	1.00	2.00	2.00	100.0	oilc
Q2041-08	250-2-2	53	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-01	HEI570L-1-1	54	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-02	HEI570L-1-2	55	1.00	1.00	2.00	2.00	100.0	oilc
Q2042-04	HEI570L-2-1	56	1.00	1.00	2.00	2.00	100.0	oilc



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 5/15/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 05/14/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 05/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135767

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q2042-05	HEI570L-2-2	57	1.00	1.00	2.00	2.00	100.0	oilc
Q2043-01	281	58	1.18	10.26	11.44	9.29	79.0	
Q2043-02	281-E2	59	1.16	10.44	11.6	10.6	90.4	
Q2043-03	72-12000	60	1.19	10.35	11.54	8.15	67.2	
Q2043-04	72-12000-E2	61	1.11	10.38	11.49	6.56	52.5	
Q2044-01	3858	62	1.00	1.00	2.00	2.00	100.0	oil sample
Q2046-01	BC136902-1-1	63	1.00	1.00	2.00	2.00	100.0	oilc
Q2046-02	BC136902-1-2	64	1.00	1.00	2.00	2.00	100.0	oilc
Q2047-01	SU-04-051425	65	1.18	10.07	11.25	10.72	94.7	
Q2047-02	SU-04-051425-E2	66	1.18	10.37	11.55	10.9	93.7	
Q2048-01	L2-WC-1	67	1.19	10.47	11.66	10.29	86.9	
Q2048-02	L2-WC-1-EPH	68	1.19	10.30	11.49	9.87	84.3	
Q2048-03	L2-WC-1-VOC	69	1.18	10.31	11.49	10.17	87.2	
Q2048-05	L2-WC-2	70	1.16	10.26	11.42	9.82	84.4	
Q2048-06	L2-WC-2-EPH	71	1.17	10.13	11.3	9.06	77.9	
Q2048-07	L2-WC-2-VOC	72	1.18	10.42	11.6	9.88	83.5	
Q2048-09	L2-WC-3	73	1.17	10.15	11.32	9.02	77.3	
Q2048-10	L2-WC-3-EPH	74	1.18	10.07	11.25	9.17	79.3	
Q2048-11	L2-WC-3-VOC	75	1.17	10.49	11.66	9.94	83.6	
Q2048-13	L2-WC-4	76	1.11	10.64	11.75	10.24	85.8	
Q2048-14	L2-WC-4-EPH	77	1.19	10.13	11.32	10.04	87.4	
Q2048-15	L2-WC-4-VOC	78	1.13	10.07	11.2	9.81	86.2	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 135767

WorkList Name : %1-051425

WorkList ID : 189504

Department : Wet-Chemistry

Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2021-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2021-08	6	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2032-01	TP-11	Solid	Percent Solids	Cool 4 deg C	SCIA01	L41	05/12/2025	Chemtech -SO
Q2032-02	TP-29	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-03	TP-29-99	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-04	TP-24	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-05	Q2032-04MS	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-06	Q2032-04MSD	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-07	TP-37	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2032-08	TP-32	Solid	Percent Solids	Cool 4 deg C	CAMP02	L41	05/13/2025	Chemtech -SO
Q2034-01	L3-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-02	L3-WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-03	L3-WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-04	L3-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-05	L3-WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO

Date/Time 05/14/25 15:10

Raw Sample Received by: JB WOC

Raw Sample Relinquished by: [Signature]

Date/Time 05/14/25

Raw Sample Received by: CP SM

Raw Sample Relinquished by: JB WOC

WORKLIST(Hardcopy Internal Chain)

B 135767

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2034-06	L3-WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-07	L3-WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-09	L3-WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-10	L3-WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-11	L3-WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-13	L3-WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-14	L3-WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-15	L3-WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-17	L3-WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-18	L3-WC-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-19	L3-WC-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-21	L3-WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-22	L3-WC-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2034-23	L3-WC-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/13/2025	Chemtech -SO
Q2038-01	72-11991	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2039-01	TR-05-05142025	Solid	Percent Solids	Cool 4 deg C	PSEG05	L21	05/14/2025	Chemtech -SO
Q2039-02	TR-05-05142025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L21	05/14/2025	Chemtech -SO
Q2040-01	1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-02	2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-03	3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-04	4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO

Date/Time 05-14-25 15:10 Date/Time 05-14-25 Date/Time 17:30
 Raw Sample Received by: SP WOC Raw Sample Received by: CP SR Raw Sample Received by: CP SR
 Raw Sample Relinquished by: CP SR Raw Sample Relinquished by: SP WOC

WORKLIST(Hardcopy Internal Chain)

23567

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2040-05	5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-06	6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2040-07	7	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2041-01	HIH359A-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-02	HIH359A-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-03	HIA9895-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-04	HIA9895-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-05	250-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-06	250-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-07	250-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2041-08	250-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2042-01	HEI570L-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-02	HEI570L-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-04	HEI570L-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2042-05	HEI570L-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2043-01	281	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2043-02	281-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2043-03	72-12000	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2043-04	72-12000-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L21	05/14/2025	Chemtech -SO
Q2044-01	3858	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2046-01	BC136902-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO

Date/Time 05-14-25 1340
 Raw Sample Received by: cl sm
 Raw Sample Relinquished by: cl sm

WORKLIST(Hardcopy Internal Chain)

87135767

WorkList Name : %1-051425 WorkList ID : 189504 Department : Wet-Chemistry Date : 05-14-2025 09:06:51

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2046-02	BC136902-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	05/14/2025	Chemtech -SO
Q2047-01	SU-04-051425	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/14/2025	Chemtech -SO
Q2047-02	SU-04-051425-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	L31	05/14/2025	Chemtech -SO
Q2048-01	L2-WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-02	L2-WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-03	L2-WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-05	L2-WC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-06	L2-WC-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-07	L2-WC-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-09	L2-WC-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-10	L2-WC-3-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-11	L2-WC-3-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-13	L2-WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-14	L2-WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO
Q2048-15	L2-WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	05/14/2025	Chemtech -SO

Date/Time 05-14-25 15:10
 Raw Sample Received by: gl woc
 Raw Sample Relinquished by: gl sm

Date/Time 05-14-25 17:30
 Raw Sample Received by: gl sm
 Raw Sample Relinquished by: gl woc

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Extraction By: EH

Balance check: N/A

Filter By: RS

Balance ID: N/A

pH Meter ID: N/A

pH Strip Lot#: E3880

Hood ID: 4,7

Extraction Start Date : 05/14/2025

Extraction Start Time : 09:05

Extraction End Date : 05/14/2025

Extraction End Time : 17:00

Concentration By: EH

Supervisor By : RUPESH

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24484
Surrogate	1.0ML	5000 PPB	PP24552
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Ether	N/A	E3881
Acidified Na2SO4	N/A	EP2576
NAOH 6N	N/A	EP2606
12N H2SO4	N/A	EP2605
NACL	N/A	M4459
ISO OCTANE	N/A	E3554
Diazomethane	N/A	EP2608
Hexane	N/A	E3933
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH Adjusted with 6N NaOH>12 prior to Hydrolysis, PH adjusted with cold 12N H2SO4<2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ml Vial Lot # 03-40BTS723. Q2032 Added at 10:36 AM.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

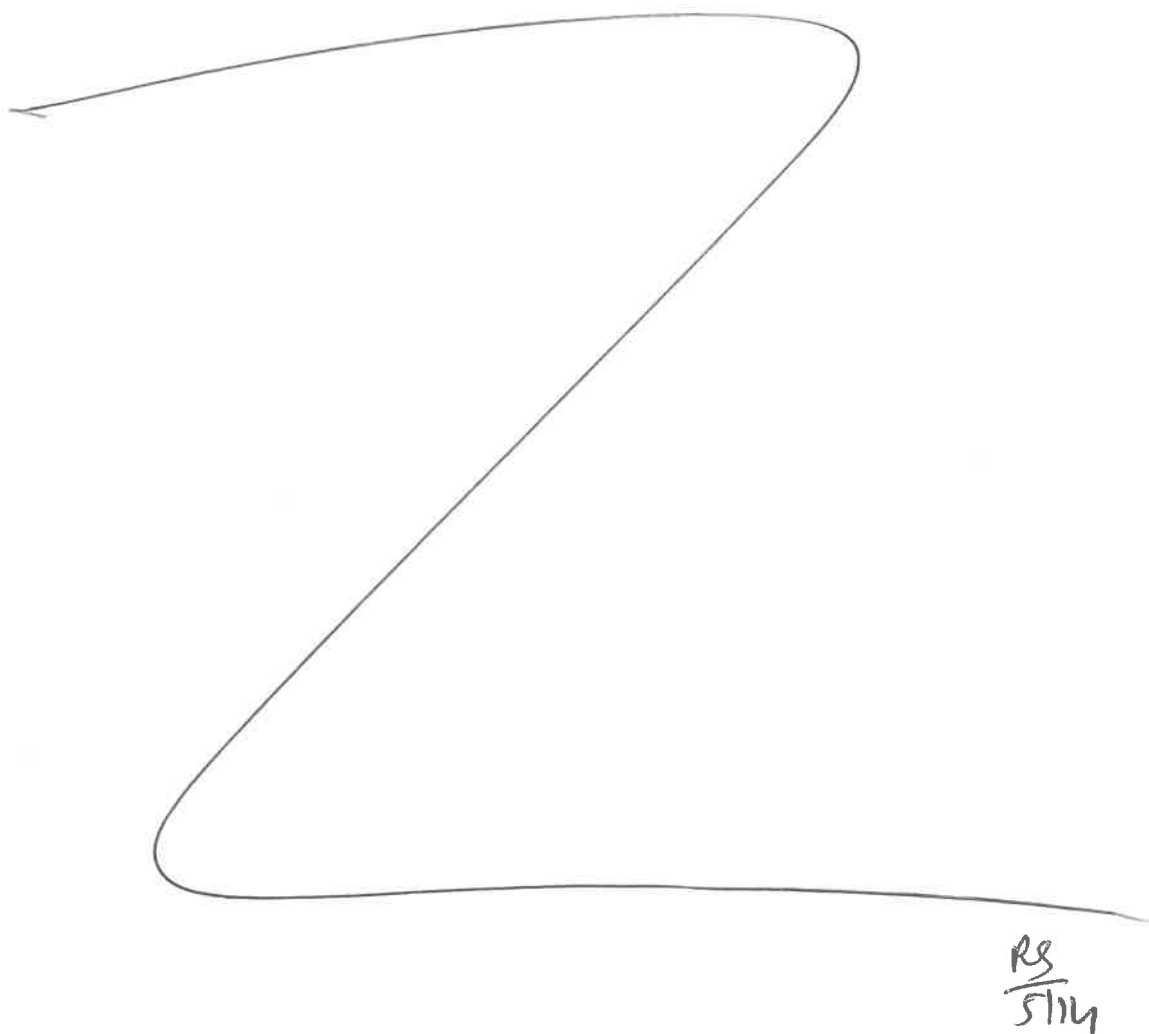
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/14/25	RS (E4-Lab)	Y. P. Pest/PCB
17:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/14/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168003BL	HBLK003	Herbicide	1000	6	Evelyn	RUPESH	10			SEP-1
PB168003BS	HLCS003	Herbicide	1000	6	Evelyn	RUPESH	10			2
PB168003BS D	HLCS003	Herbicide	1000	6	Evelyn	RUPESH	10			3
Q2005-01	252806	Herbicide	990	6	Evelyn	RUPESH	10	R		4
Q2032-11	FB-05132025	Herbicide	970	6	Evelyn	RUPESH	10	R		5



RS
5/14

1600874
9:05 AM

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2005P WorkList ID : 189503 Department : Extraction Date : 05-14-2025 09:01:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2005-01	252806	Water	Herbicide	Cool 4 deg C	PSEG03	L41	05/09/2025	8151A
Q2005-01	252806	Water	PCB	Cool 4 deg C	PSEG03	L41	05/09/2025	8082A
Q2005-01	252806	Water	Pesticide-TCL	Cool 4 deg C	PSEG03	L41	05/09/2025	8081B

Date/Time 5/14/25 9:01
Raw Sample Received by: RS (B4-66)
Raw Sample Relinquished by: CP

Date/Time 5/14/25 9:30
Raw Sample Received by: CP
Raw Sample Relinquished by: RS (B4-66)

168397

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2032

WorkList ID : 189514

Department : Extraction

Date : 05-14-2025 10:36:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2032-11	FB-05132025	Water	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2032-11	FB-05132025	Water	PCB	Cool 4 deg C	CAMP02	L41	05/13/2025	8082A
Q2032-11	FB-05132025	Water	Pesticide-TCL	Cool 4 deg C	CAMP02	L41	05/13/2025	8081B
Q2033-01	TW-WTS-08	Water	PCB	Cool 4 deg C	ENTA05	L41	05/12/2025	8082A

Date/Time 5/14/25 10:36
Raw Sample Received by: RS (Ext-66)
Raw Sample Relinquished by: SD (SM)

Date/Time 5/14/25 11:00
Raw Sample Received by: SD (SM)
Raw Sample Relinquished by: RS (Ext-66)

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Extraction Start Date : 05/16/2025

Matrix : Solid

Extraction Start Time : 08:20

Weigh By: EH

Extraction By: RJ

Extraction End Date : 05/16/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 16:00

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 3,4,5,7

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24484
Surrogate	1.0ML	5000 PPB	PP24552
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
MeCl2/Acetone/1:1	N/A	EP2612
Acidified Na2SO4	N/A	EP2576
Sand	N/A	E2865
HCL	N/A	M6151
DI WATER	N/A	N/A
37% KOH	N/A	EP2594
Methylene Chloride	N/A	E3930
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2608
Hexane	N/A	E3934
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

pH adjusted with HCL <2 for soil Extraction, PH adjusted with 1:3 H2SO4 <2 after Hydrolysis, Derivatization procedure is completed and samples are ready to Analyze, 40ML Vial Lot # 03-40 BTS723.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

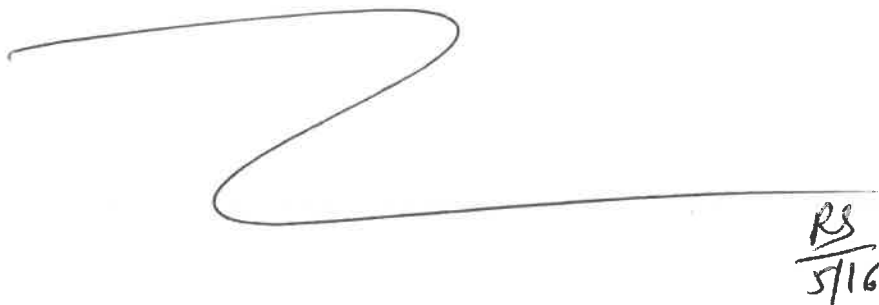
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/16/25	RS (B&B Lab)	Y-P-Pest IP CS
16:05	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/16/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168030BL	HBLK030	Herbicide	30.01	N/A	ritesh	Evelyn	10			U1-1
PB168030BS	HLCS030	Herbicide	30.03	N/A	ritesh	Evelyn	10			2
Q2032-01	TP-11	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		3
Q2032-02	TP-29	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		4
Q2032-03	TP-29-99	Herbicide	30.08	N/A	ritesh	Evelyn	10	E		5
Q2032-04	TP-24	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		6
Q2032-05	Q2032-04MS	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		U2-1
Q2032-06	Q2032-04MSD	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		2
Q2032-07	TP-37	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		3
Q2032-08	TP-32	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		4
Q2034-01	L3-WC-1	Herbicide	30.04	N/A	ritesh	Evelyn	10	B		5
Q2034-05	L3-WC-2	Herbicide	30.05	N/A	ritesh	Evelyn	10	B		6
Q2034-09	L3-WC-3	Herbicide	30.09	N/A	ritesh	Evelyn	10	B		U3-1
Q2034-13	L3-WC-4	Herbicide	30.07	N/A	ritesh	Evelyn	10	B		2
Q2034-17	L3-WC-5	Herbicide	30.03	N/A	ritesh	Evelyn	10	B		3
Q2034-21	L3-WC-6	Herbicide	30.06	N/A	ritesh	Evelyn	10	B		4
Q2038-01	72-11991	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		5
Q2048-01	L2-WC-1	Herbicide	30.06	N/A	ritesh	Evelyn	10	E		6
Q2048-05	L2-WC-2	Herbicide	30.04	N/A	ritesh	Evelyn	10	E		U6-1
Q2048-09	L2-WC-3	Herbicide	30.01	N/A	ritesh	Evelyn	10	E		2
Q2048-13	L2-WC-4	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		3
Q2052-01	TP-B	Herbicide	30.05	N/A	ritesh	Evelyn	10	E		4
Q2057-01	MH-L	Herbicide	30.02	N/A	ritesh	Evelyn	10	E		5



168030
8:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2032H WorkList ID : 189545 Department : Extraction Date : 05-16-2025 08:15:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2032-01	TP-11	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2032-02	TP-29	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2032-03	TP-29-99	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2032-04	TP-24	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2032-05	Q2032-04MS	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2032-06	Q2032-04MSD	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2032-07	TP-37	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2032-08	TP-32	Solid	Herbicide	Cool 4 deg C	CAMP02	L41	05/13/2025	8151A
Q2034-01	L3-WC-1	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/13/2025	8151A
Q2034-05	L3-WC-2	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/13/2025	8151A
Q2034-09	L3-WC-3	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/13/2025	8151A
Q2034-13	L3-WC-4	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/13/2025	8151A
Q2034-17	L3-WC-5	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/13/2025	8151A
Q2034-21	L3-WC-6	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/13/2025	8151A
Q2038-01	72-11991	Solid	Herbicide	Cool 4 deg C	PSEG03	L31	05/14/2025	8151A
Q2048-01	L2-WC-1	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/14/2025	8151A
Q2048-05	L2-WC-2	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/14/2025	8151A
Q2048-09	L2-WC-3	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/14/2025	8151A
Q2048-13	L2-WC-4	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/14/2025	8151A
Q2052-01	TP-B	Solid	Herbicide	Cool 4 deg C	PSEG03	L51	05/14/2025	8151A
Q2057-01	MH-L	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	05/15/2025	8151A

Date/Time 05/16/25 8:15
Raw Sample Received by: RJ LETH-1041)
Raw Sample Relinquished by: CL

Date/Time 05/16/25 8:45
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ LETH-1041)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: CDM SMITH
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS
PHONE: 732-590-4679 FAX: 732-225-7851

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT
PROJECT NO.: 302781 LOCATION: SOUTH RIVER, NJ
PROJECT MANAGER: MARCIE ENCINAS
e-mail: ENCINASMA@CDMSMITH.COM
PHONE: 732-590-4679 FAX: 732-225-7851

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#:
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR
CITY EDISON STATE: NJ ZIP: 08837
ATTENTION: MARCIE ENCINAS PHONE: 732-590-4679

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

1. 2. 3. 4. 5. 6. 7. 8. 9.
TCL VOC TCL SVOC METALS PCB PESTICIDES HERBICIDES PRO/CRO FULL TCLP RCRA CHARAL

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TP-11	SOIL		X	5/13/25	0830	6	X	X	X	X	X	X	X			E
2.	TP-29	SOIL		X	5/13/25	1010	6	X	X	X	X	X	X	X			E
3.	TP-29-99	SOIL		X	5/13/25	1010	6	X	X	X	X	X	X	X			E
4.	TP-24	SOIL		X	5/13/25	1130	18	X	X	X	X	X	X	X			E; MS/MSD
5.	TP-37	SOIL		X	5/13/25	1250	6	X	X	X	X	X	X	X			E
6.	TP-32	SOIL		X	5/13/25	1330	6	X	X	X	X	X	X	X			E
7.	COMP-1	SOIL	X		5/13/25	1405	4								X	X	E
8.	FB-05132025	ADUERS		X	5/13/25	1445	10	X	X	X	X	X	X	X			E, A, B
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. [Signature]	DATE/TIME: 5/13/25 1505	RECEIVED BY: [Signature] 1505	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP. 3.2 °C
RELINQUISHED BY SAMPLER: 2. [Signature]	DATE/TIME:	RECEIVED BY:	Comments:
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 5-13-25	RECEIVED BY:	

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2032	CAMP02	Order Date : 5/13/2025 4:01:00 PM	Project Mgr :
Client Name : CDM Smith		Project Name : South River WM Replacem	Report Type : Level 1
Client Contact : Marcie Ann Encinas		Receive DateTime : 5/13/2025 4:20:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : CDM Smith		Purchase Order :	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2032-01	TP-11	Solid	05/13/2025	08:30	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2032-02	TP-29	Solid	05/13/2025	10:10	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2032-03	TP-29-99	Solid	05/13/2025	10:10	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2032-04	TP-24	Solid	05/13/2025	11:30	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2032-05	Q2032-04MS	Solid	05/13/2025	11:30	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2032-06	Q2032-04MSD	Solid	05/13/2025	11:30	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2032-07	TP-37	Solid	05/13/2025	12:50	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2032-08	TP-32	Solid	05/13/2025	13:30	VOC-TCLVOA-10		8260D	10 Bus. Days	

LOGIN REPORT/SAMPLE TRANSFER

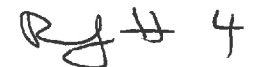
Order ID : Q2032	CAMP02	Order Date : 5/13/2025 4:01:00 PM	Project Mgr :
Client Name : CDM Smith		Project Name : South River WM Replacem	Report Type : Level 1
Client Contact : Marcie Ann Encinas		Receive Date/Time : 5/13/2025 4:20:00 PM	EDD Type : EXCEL NOCLEANUP
Invoice Name : CDM Smith		Purchase Order :	Hard Copy Date :
Invoice Contact : Marcie Ann Encinas			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2032-11	FB-05132025	Water	05/13/2025	14:45	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2032-12	TB	Water	05/13/2025	00:00	VOC-TCLVOA-10		8260-Low	10 Bus. Days	
					VOC-TCLVOA-10		8260-Low	10 Bus. Days	

Relinquished By : 

Date / Time : 5/14/25 0940

Received By : 

Date / Time : 5/14/24 9:50 

Storage Area : VOA Refridgerator Room

