

Cover Page

Order ID : Q1907

Project ID : Walsh CO-032 Sampling

Client : Walsh Construction Company II, LLC

Lab Sample Number

Q1907-01
Q1907-02

Client Sample Number

CO-8R-WC
CO-8R-WC

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: 5/3/2025

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 #: Q1907

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: MAHESH PATEL

Date: 05/03/2025

LAB CHRONICLE

OrderID:	Q1907	OrderDate:	4/28/2025 4:13:00 PM
Client:	Walsh Construction Company II, LLC	Project:	Walsh CO-032 Sampling
Contact:	Jesse A. Sylvestri	Location:	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1907-01	CO-8R-WC	SOIL			04/28/25			04/28/25
			Gasoline Range Organics	8015D			04/29/25	
			Herbicide	8151A		04/30/25	05/01/25	
			PCB	8082A		04/30/25	04/30/25	
			Pesticide-TCL	8081B		04/30/25	04/30/25	
			TPH GC	8015D		04/29/25	04/29/25	
			EPH_NF	NJEPH		05/01/25	05/01/25	
Q1907-02	CO-8R-WC	TCLP			04/28/25			04/28/25
			TCLP Pesticide	8081B		05/01/25	05/01/25	



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Hit Summary Sheet
SW-846

SDG No.: Q1907

Order ID: Q1907

Client: Walsh Construction Company II, LLC

Project ID: Walsh CO-032 Sampling

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.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PS029918.D	PIBLK-PS029918.D	2,4-DCAA	1	500	433	87		39	175
		2,4-DCAA	2	500	433	87		39	175
I.BLK-PS029990.D	PIBLK-PS029990.D	2,4-DCAA	1	500	525	105		39	175
		2,4-DCAA	2	500	558	112		39	175
Q1906-05MS	WC-5MS	2,4-DCAA	1	500	956	191	*	10	141
		2,4-DCAA	2	500	1520	303	*	10	141
Q1906-05MSD	WC-5MSD	2,4-DCAA	1	500	969	194	*	10	141
		2,4-DCAA	2	500	1540	308	*	10	141
I.BLK-PS030001.D	PIBLK-PS030001.D	2,4-DCAA	1	500	518	104		39	175
		2,4-DCAA	2	500	565	113		39	175
Q1907-01	CO-8R-WC	2,4-DCAA	1	500	264	53		10	141
		2,4-DCAA	2	500	294	59		10	141
PB167796BL	PB167796BL	2,4-DCAA	1	500	433	87		10	141
		2,4-DCAA	2	500	413	83		10	141
I.BLK-PS030012.D	PIBLK-PS030012.D	2,4-DCAA	1	500	551	110		39	175
		2,4-DCAA	2	500	588	118		39	175
I.BLK-PS030028.D	PIBLK-PS030028.D	2,4-DCAA	1	500	530	106		39	175
		2,4-DCAA	2	500	553	111		39	175
PB167796BS	PB167796BS	2,4-DCAA	1	500	530	106		10	141
		2,4-DCAA	2	500	540	108		10	141
I.BLK-PS030040.D	PIBLK-PS030040.D	2,4-DCAA	1	500	529	106		39	175
		2,4-DCAA	2	500	552	110		39	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

DataFile : PS029999.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1906-05MS	WC-5MS									
	DICAMBA	199.2	0	131	ug/Kg	66		10	112	
	DICHLORPROP	199.2	0	135	ug/Kg	68		10	113	
	2,4-D	199.2	0	165	ug/Kg	83		10	144	
	2,4,5-TP(Silvex)	199.2	0	96.8	ug/Kg	49		10	114	
	2,4,5-T	199.2	0	111	ug/Kg	56		10	115	
	2,4-DB	199.2	0	81.8	ug/Kg	41		10	140	
	Dinoseb	199.2	0	0	ug/Kg	0	*	10	118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

DataFile : PS030000.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD Qual	Low	Limits High	RPD
Client Sample ID: Q1906-05MSD	WC-5MSD									
	DICAMBA	199.3	0	133	ug/Kg	67	2	10	112	20
	DICHLORPROP	199.3	0	137	ug/Kg	69	1	10	113	20
	2,4-D	199.3	0	168	ug/Kg	84	1	10	144	20
	2,4,5-TP(Silvex)	199.3	0	100	ug/Kg	50	2	10	114	20
	2,4,5-T	199.3	0	113	ug/Kg	57	2	10	115	20
	2,4-DB	199.3	0	84.5	ug/Kg	42	2	10	140	20
	Dinoseb	199.3	0	0	ug/Kg	0	*	0	118	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A **Datafile :** PS029993.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167796BS	DICAMBA	166.6	202	ug/Kg	121				72	129	
	DICHLORPROP	166.6	199	ug/Kg	119				77	135	
	2,4-D	166.6	199	ug/Kg	119				65	144	
	2,4,5-TP(Silvex)	166.6	206	ug/Kg	124				74	146	
	2,4,5-T	166.6	203	ug/Kg	122				77	134	
	2,4-DB	166.6	199	ug/Kg	119				72	122	
	Dinoseb	166.6	199	ug/Kg	119				74	132	



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A Datafile : PS030038.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB167796BS	DICAMBA	166.6	172	ug/Kg	103				72	129	
	DICHLORPROP	166.6	172	ug/Kg	103				77	135	
	2,4-D	166.6	170	ug/Kg	102				65	144	
	2,4,5-TP(Silvex)	166.6	175	ug/Kg	105				74	146	
	2,4,5-T	166.6	173	ug/Kg	104				77	134	
	2,4-DB	166.6	172	ug/Kg	103				72	122	
	Dinoseb	166.6	170	ug/Kg	102				74	132	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167796BL

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab Sample ID: PB167796BL

Lab File ID: PS030011.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/30/2025

Date Analyzed (1): 05/01/2025

Date Analyzed (2): 05/01/2025

Time Analyzed (1): 11:24

Time Analyzed (2): 11:24

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
WC-5MS	Q1906-05MS	PS029999.D	05/01/2025	05/01/2025
WC-5MSD	Q1906-05MSD	PS030000.D	05/01/2025	05/01/2025
CO-8R-WC	Q1907-01	PS030005.D	05/01/2025	05/01/2025
PB167796BS	PB167796BS	PS030038.D	05/05/2025	05/05/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	CO-8R-WC	SDG No.:	Q1907
Lab Sample ID:	Q1907-01	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	84.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030005.D	1	04/30/25 08:50	05/01/25 08:35	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.10	U	9.10	79.0	ug/Kg
120-36-5	DICHLORPROP	15.1	U	15.1	79.0	ug/Kg
94-75-7	2,4-D	10.7	U	10.7	79.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.7	U	10.7	79.0	ug/Kg
93-76-5	2,4,5-T	10.3	U	10.3	79.0	ug/Kg
94-82-6	2,4-DB	28.5	U	28.5	79.0	ug/Kg
88-85-7	DINOSEB	12.7	U	12.7	79.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	294		10 - 141	59%	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\PS043025\
 Data File : PS030005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 08:35
 Operator : AR\AJ
 Sample : Q1907-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 CO-8R-WC

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/01/2025
 Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 09:06:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds

4) S	2,4-DCAA	6.936	7.461	650.1E6	207.1E6	264.148m	293.928
------	----------	-------	-------	---------	---------	----------	---------

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS030005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 08:35
Operator : AR\AJ
Sample : Q1907-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

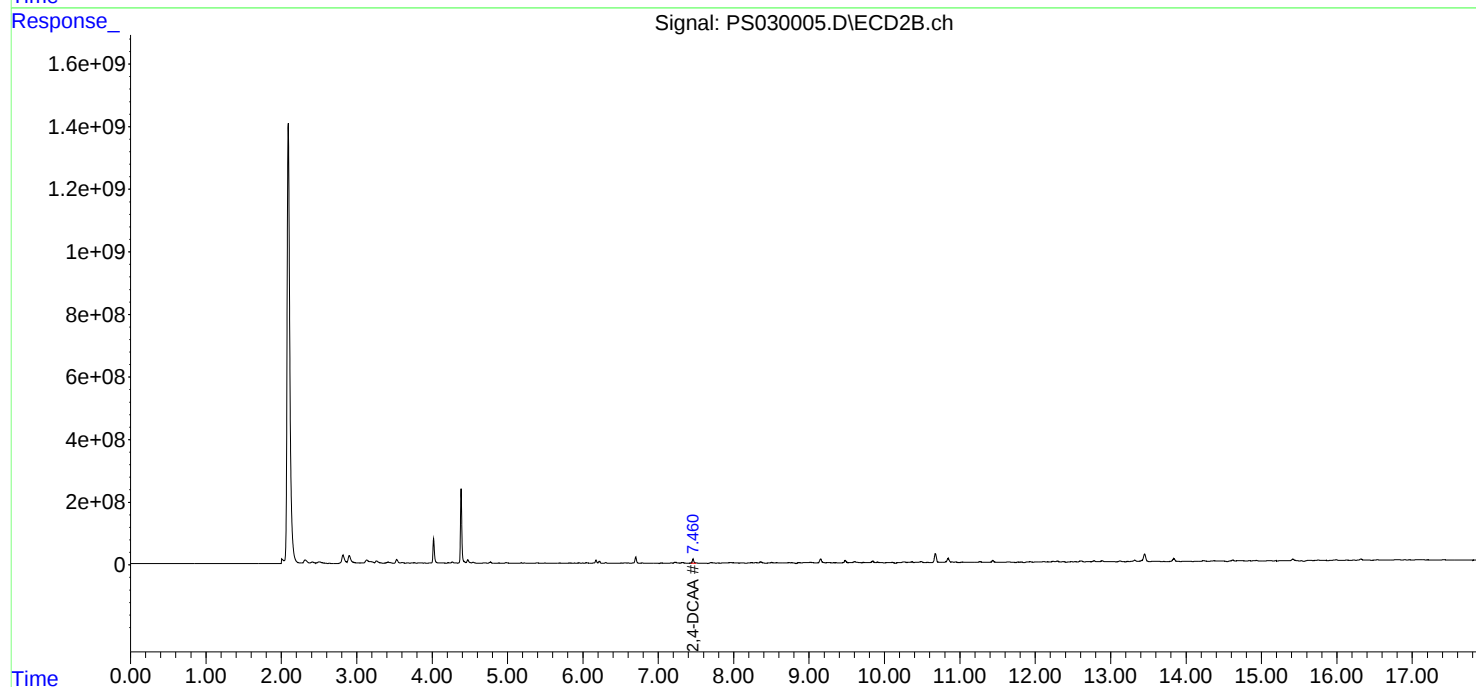
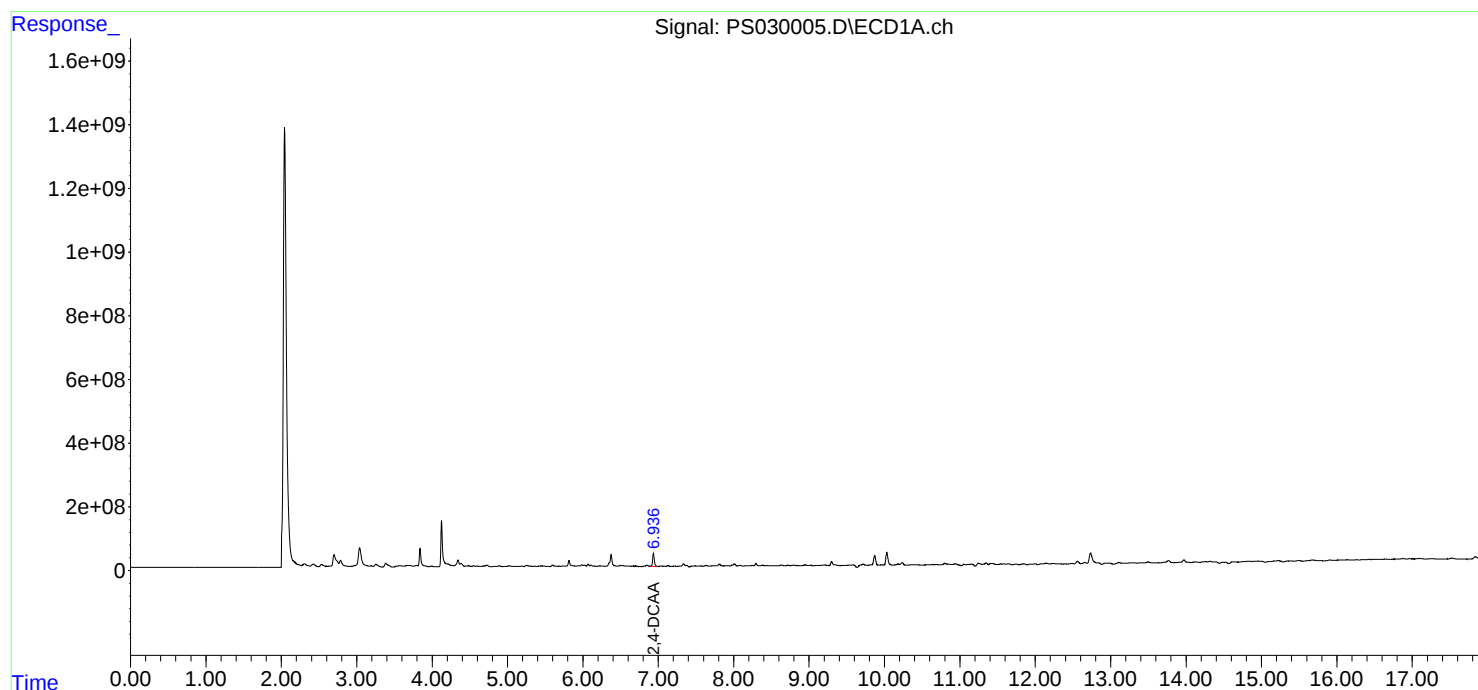
Instrument :
ECD_S
ClientSampleId :
CO-8R-WC

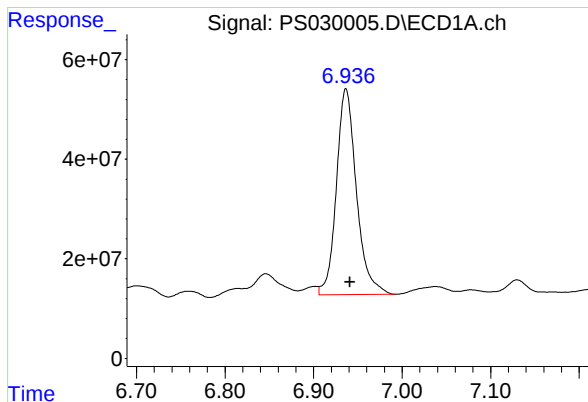
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/01/2025
Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 09:06:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





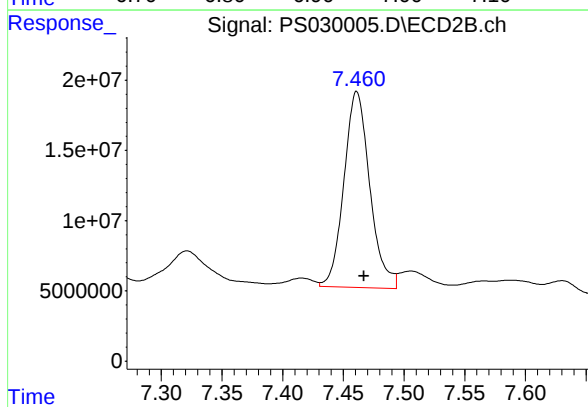
#4 2,4-DCAA

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 650088382
Conc: 264.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
CO-8R-WC

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2025
Supervised By :mohammad ahmed 05/02/2025



#4 2,4-DCAA

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 207077401
Conc: 293.93 ng/ml



CALIBRATION SUMMARY

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

[illegible]

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

[illegible]



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Instrument ID: ECD_S

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

Calibration Times: 11:01 12:37

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

LAB FILE ID:		CF 200 =	<u>PS029919.D</u>	CF 500 =	<u>PS029920.D</u>		
CF 750 =		<u>PS029921.D</u>	CF 1000 =	<u>PS029922.D</u>	CF 1500 =	<u>PS029923.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	16505300000	14051400000	13586300000	13082600000	13039900000	14053100000	10
2,4,5-TP(Silvex)	16213200000	13862200000	13431300000	12910500000	12897000000	13862800000	10
2,4-D	3379530000	2797950000	2695740000	2590800000	2600340000	2812870000	12
2,4-DB	2544360000	2254920000	2220820000	2167640000	2239040000	2285360000	7
2,4-DCAA	3038250000	2463560000	2343090000	2233670000	2226830000	2461080000	14
DICAMBA	11438400000	9878540000	9619200000	9265370000	9312840000	9902870000	9
DICHLORPROP	3106740000	2525040000	2414030000	2305320000	2319400000	2534110000	13
Dinoseb	12057500000	10136700000	9900160000	9369950000	9402820000	10173400000	11



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Instrument ID: ECD_S

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

Calibration Times: 11:01 12:37

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

LAB FILE ID:		CF 200 =	<u>PS029919.D</u>	CF 500 =	<u>PS029920.D</u>		
CF 750 =		<u>PS029921.D</u>	CF 1000 =	<u>PS029922.D</u>	CF 1500 =	<u>PS029923.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	8525110000	7667180000	7627750000	7425390000	7567570000	7762600000	6
2,4,5-TP(Silvex)	8841790000	8081200000	8077540000	7871670000	8036560000	8181750000	5
2,4-D	1299090000	1113240000	1091000000	1054800000	1077400000	1127110000	9
2,4-DB	882651000	763494000	795790000	776318000	805960000	804842000	6
2,4-DCAA	807639000	692361000	682858000	661991000	677736000	704517000	8
DICAMBA	4120140000	3813580000	3900860000	3853240000	4062500000	3950060000	3
DICHLORPROP	1163430000	987784000	972110000	937504000	958998000	1003960000	9
Dinoseb	6538160000	5743240000	5708570000	5526360000	5638570000	5830980000	7



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Instrument ID: _____ Date(s) Analyzed: _____

GC Column: _____ ID: _____ (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
		1				
		2				
		3				
		4				
		5				

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 11:01
 Operator : AR\AJ
 Sample : HSTDICC200
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:21:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:13:04 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	6.942	7.467	607.6E6	161.5E6	232.374	221.995
Target Compounds							
1) T	Dalapon	2.449	2.525	844.5E6	380.3E6	193.384m	208.714
2) T	3,5-DICHL...	6.146	6.463	802.7E6	206.9E6	212.813	205.094
3) T	4-Nitroph...	6.733	7.001	383.7E6	162.2E6	206.288	204.354
5) T	DICAMBA	7.118	7.653	2150.4E6	774.6E6	208.534	196.353
6) T	MCP	7.295	7.758	112.8E6	31299306	18.132	18.050
7) T	MCPA	7.437	7.988	169.4E6	48918025	19.260	20.374
8) T	DICHLORPROP	7.799	8.348	584.1E6	218.7E6	217.778	210.088
9) T	2,4-D	8.021	8.661	635.4E6	244.2E6	214.810	209.141
10) T	Pentachlo...	8.298	9.163	7828.1E6	4208.5E6	211.528	201.368
11) T	2,4,5-TP ...	8.862	9.542	3080.5E6	1679.9E6	212.416	201.589
12) T	2,4,5-T	9.145	9.947	3136.0E6	1619.8E6	213.126	204.001
13) T	2,4-DB	9.704	10.507	483.4E6	167.7E6	206.590	206.030
14) T	DINOSEB	10.866	10.881	2266.8E6	1229.2E6	211.888	204.977
15) T	Picloram	10.686	11.918	3927.9E6	2710.5E6	208.185	221.777m
16) T	DCPA	11.167	11.918	3823.9E6	2388.5E6	214.204	203.950m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
Data File : PS029919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 11:01
Operator : AR\AJ
Sample : HSTDICC200
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC200

Manual Integrations

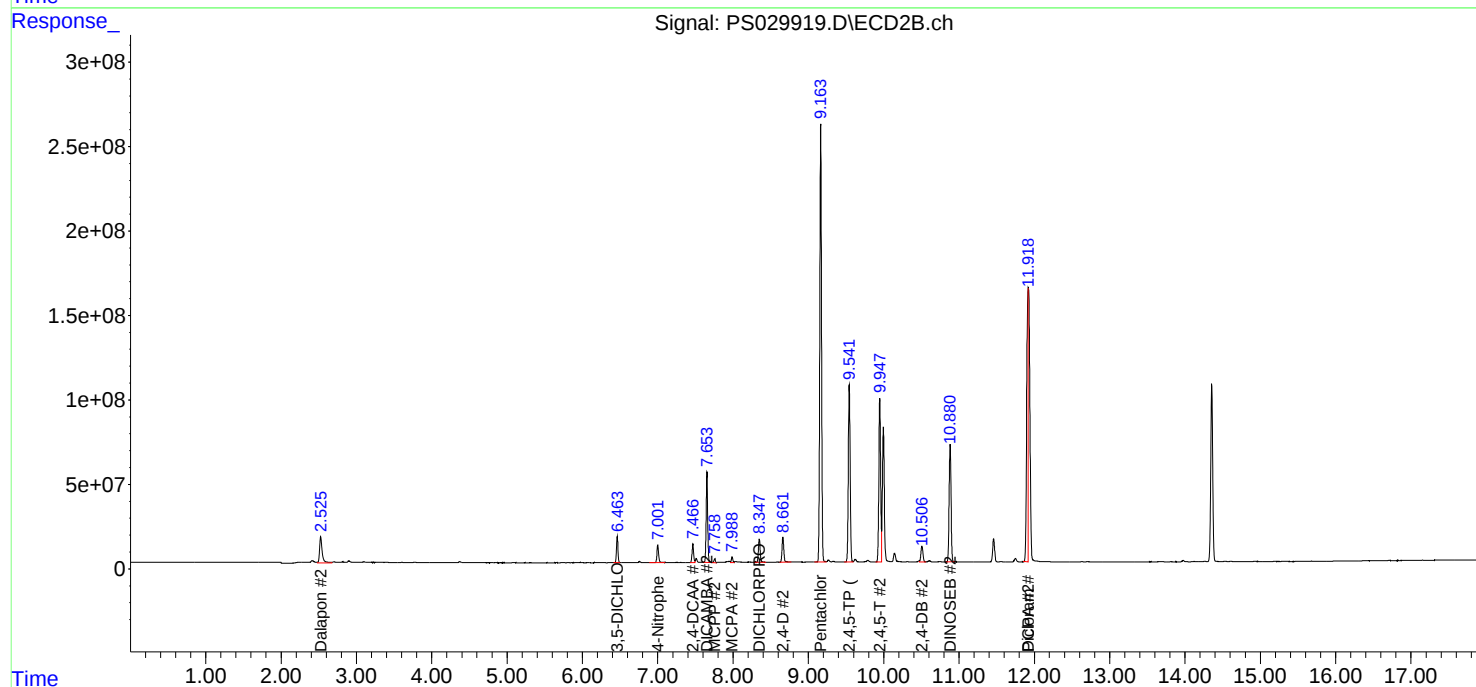
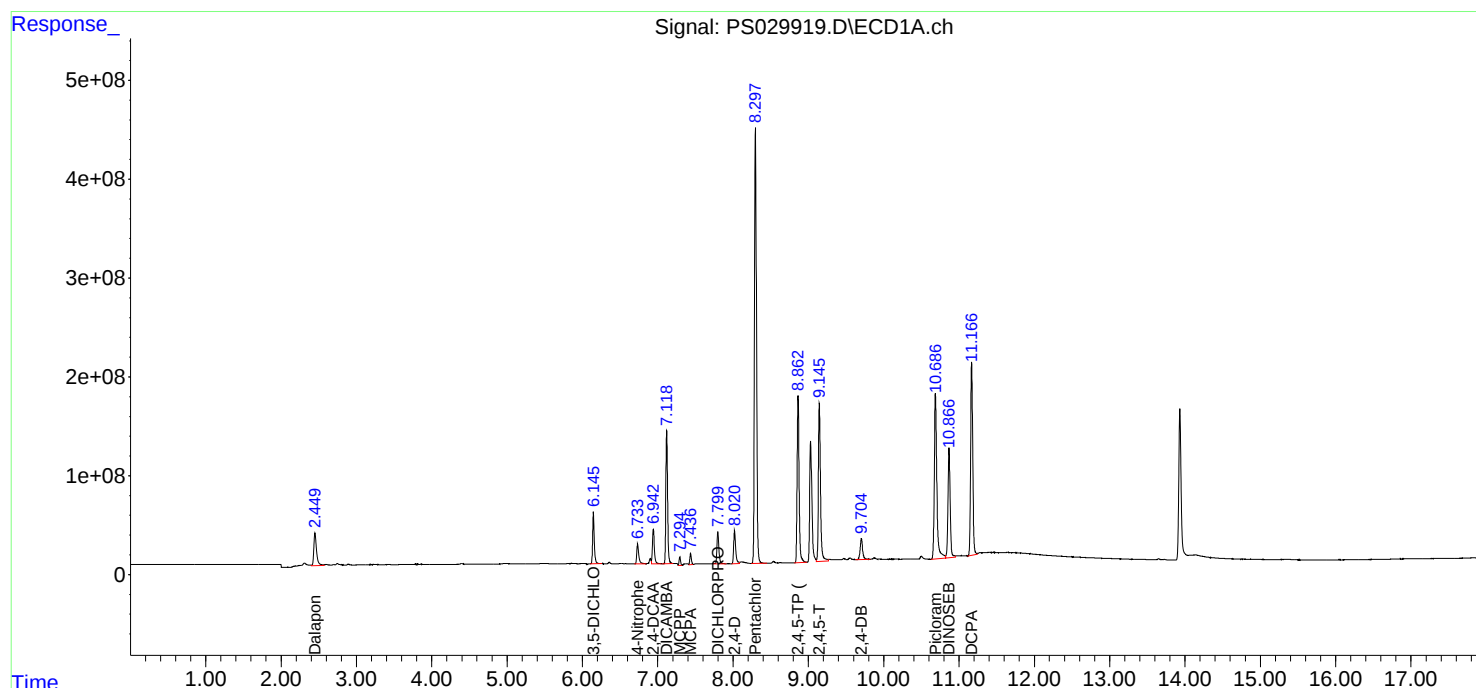
APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 12:21:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:13:04 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\PS042325\
 Data File : PS029920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 11:25
 Operator : AR\AJ
 Sample : HSTDICC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:18:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:13:04 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	6.942	7.467	1231.8E6	346.2E6	512.532	503.455
Target Compounds							
1) T	Dalapon	2.449	2.525	1929.5E6	780.3E6	468.186	462.137
2) T	3,5-DICHL...	6.146	6.463	1662.7E6	449.2E6	475.061	469.317
3) T	4-Nitroph...	6.733	7.001	802.3E6	342.6E6	462.200	459.862
5) T	DICAMBA	7.118	7.653	4642.9E6	1792.4E6	476.252	464.683
6) T	MCPD	7.296	7.759	290.7E6	82241844	45.918	46.500
7) T	MCPA	7.438	7.990	399.1E6	105.5E6	46.188	46.156
8) T	DICHLORPROP	7.799	8.347	1186.8E6	464.3E6	480.564	473.759
9) T	2,4-D	8.020	8.661	1315.0E6	523.2E6	478.744	474.742
10) T	Pentachlo...	8.297	9.164	16887.6E6	9661.5E6	483.734	476.543
11) T	2,4,5-TP ...	8.862	9.542	6584.5E6	3838.6E6	482.498	475.108
12) T	2,4,5-T	9.145	9.948	6674.4E6	3641.9E6	482.992	476.224
13) T	2,4-DB	9.703	10.507	1071.1E6	362.7E6	478.618	465.162
14) T	DINOSEB	10.866	10.881	4764.3E6	2699.3E6	475.549	471.423
15) T	Picloram	10.685	11.923	8585.2E6	5454.2E6	477.895	452.164m
16) T	DCPA	11.167	11.919	8208.3E6	5573.5E6	488.029	495.898m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
Data File : PS029920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 11:25
Operator : AR\AJ
Sample : HSTDICC500
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC500

Manual Integrations

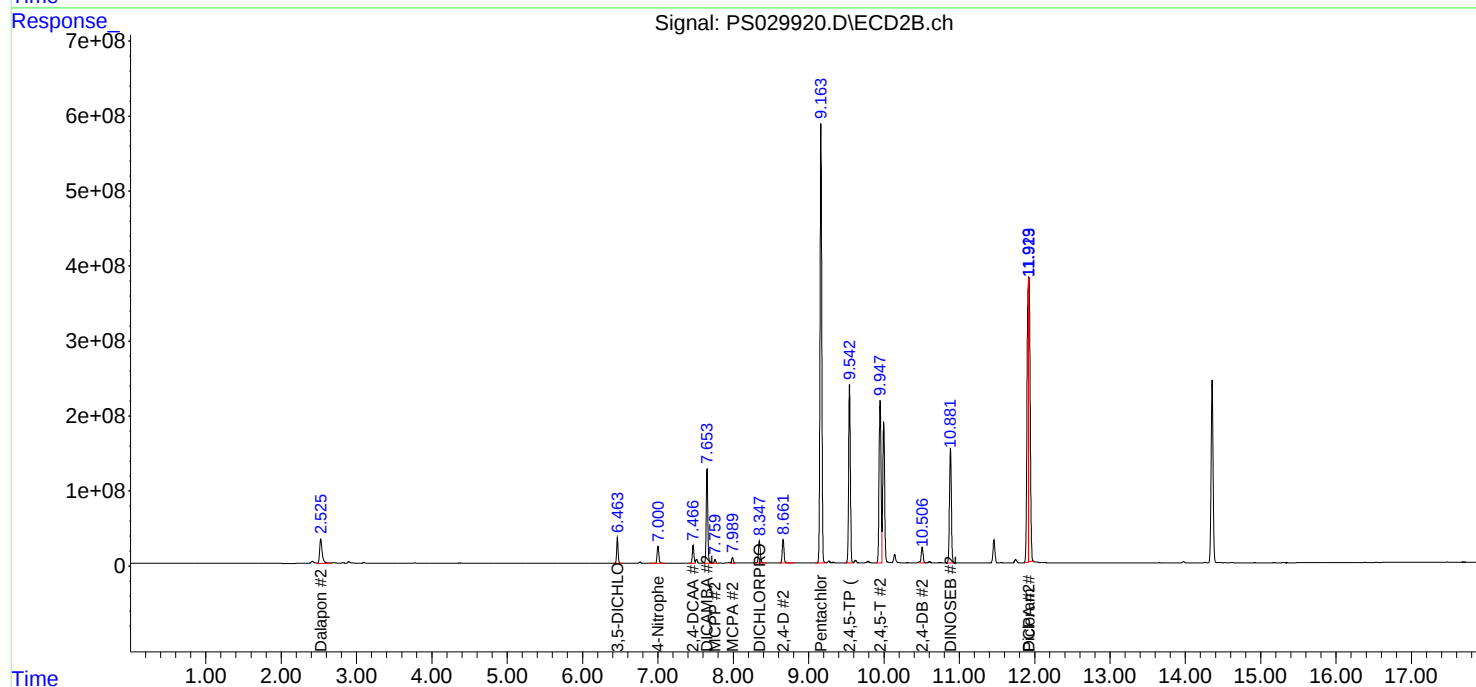
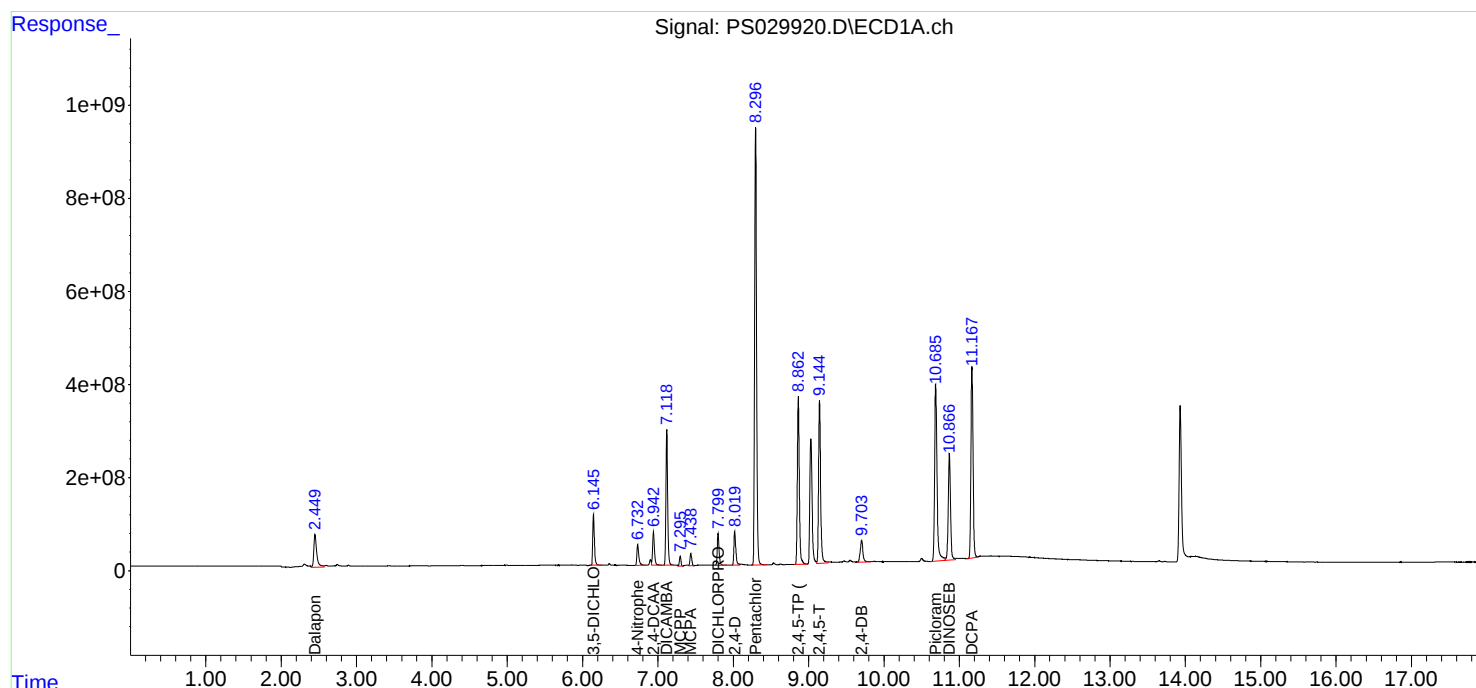
APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 12:18:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:13:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 11:49
 Operator : AR\AJ
 Sample : HSTDICC750
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:13:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:13:04 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	6.942	7.467	1757.3E6	512.1E6	750.000	750.000
Target Compounds							
1) T	Dalapon	2.449	2.525	2731.3E6	1134.3E6	682.500	682.500
2) T	3,5-DICHL...	6.146	6.463	2388.4E6	661.4E6	697.500	697.500
3) T	4-Nitroph...	6.732	7.001	1166.0E6	503.1E6	682.500	682.500
5) T	DICAMBA	7.118	7.653	6781.5E6	2750.1E6	705.000	705.000
6) T	MCP	7.297	7.761	456.6E6	126.0E6	70.500	70.500
7) T	MCPA	7.440	7.991	606.7E6	160.7E6	69.750	69.750
8) T	DICHLORPROP	7.799	8.348	1701.9E6	685.3E6	705.000	705.000
9) T	2,4-D	8.019	8.661	1900.5E6	769.2E6	705.000	705.000
10) T	Pentachlo...	8.297	9.163	24416.7E6	14398.4E6	712.500	712.500
11) T	2,4,5-TP ...	8.862	9.542	9569.8E6	5755.2E6	712.500	712.500
12) T	2,4,5-T	9.144	9.947	9680.3E6	5434.8E6	712.500	712.500
13) T	2,4-DB	9.703	10.507	1582.3E6	567.0E6	712.500	712.500
14) T	DINOSEB	10.866	10.881	6979.6E6	4024.5E6	705.000	705.000
15) T	Picloram	10.685	11.920	12721.8E6	8674.9E6	712.500	724.031m
16) T	DCPA	11.166	11.918	11907.4E6	8089.3E6	720.000	728.090m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
Data File : PS029921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 11:49
Operator : AR\AJ
Sample : HSTDICC750
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC750

Manual Integrations

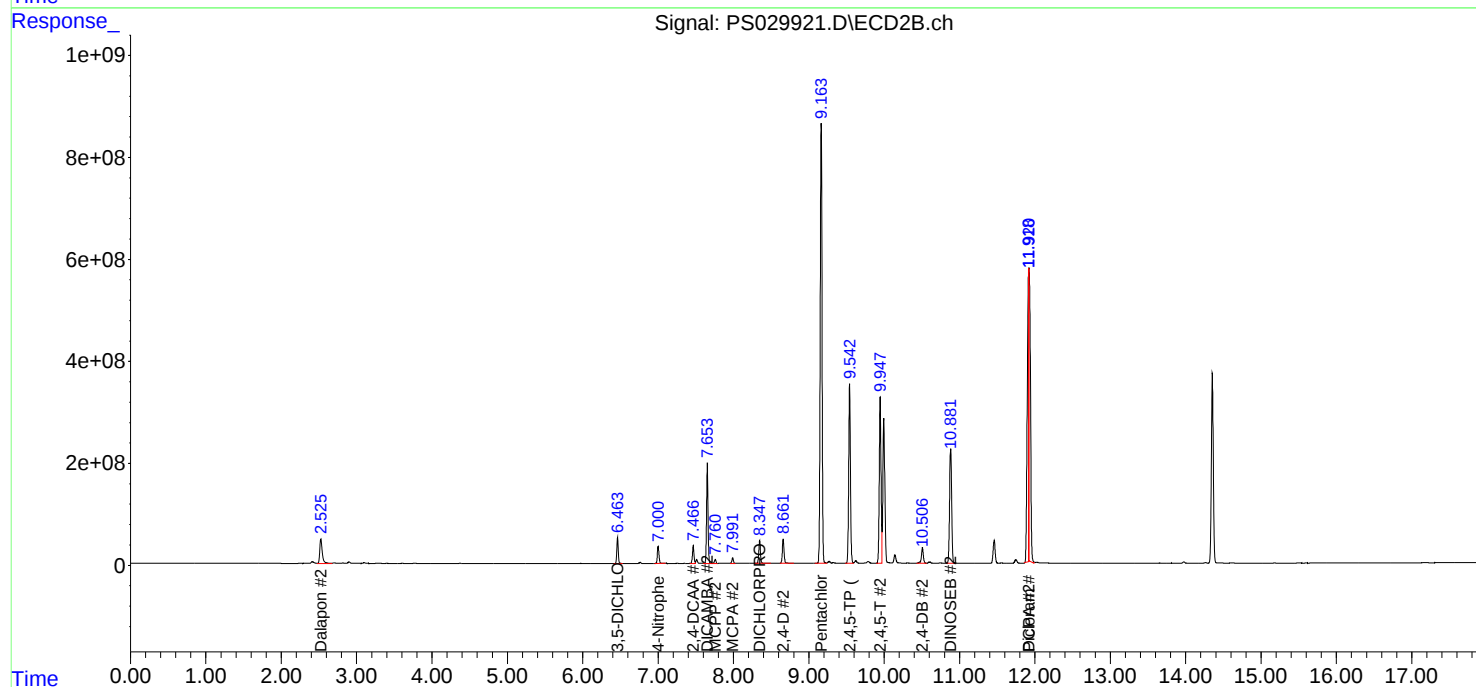
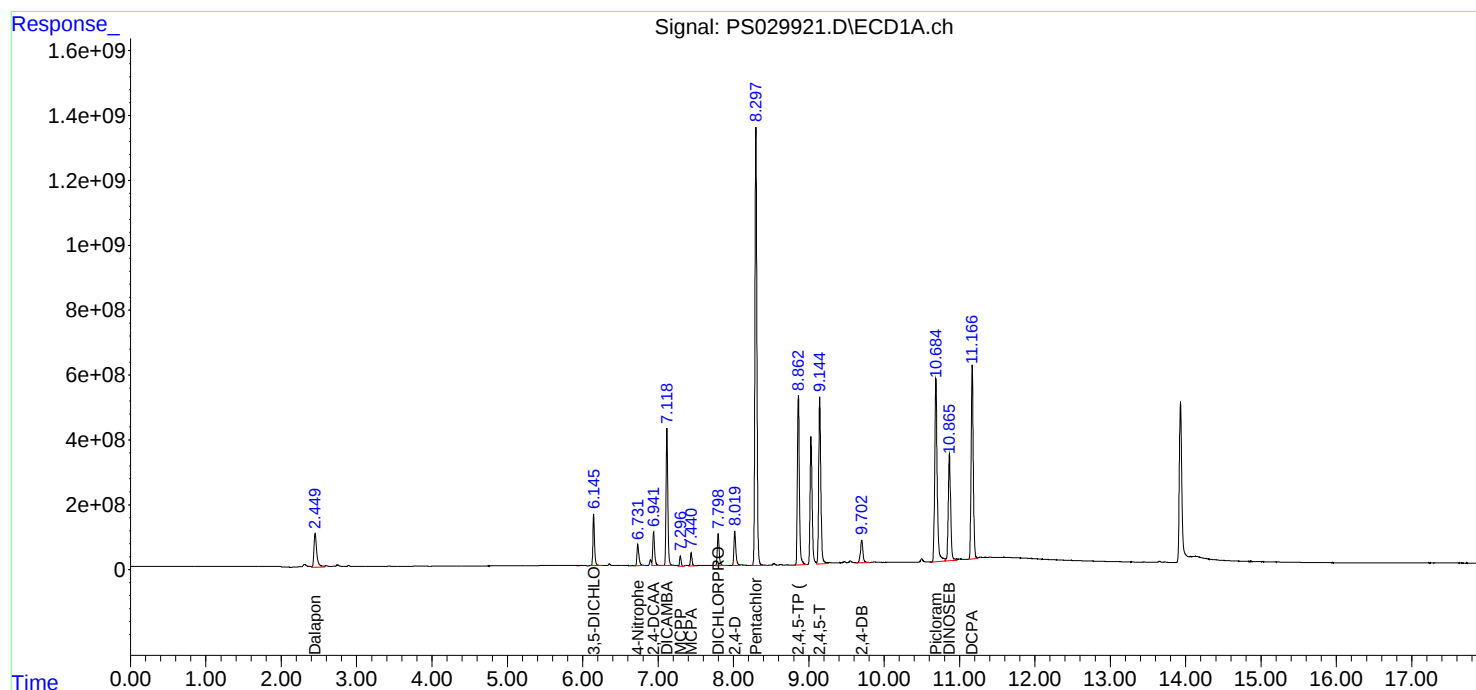
APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 12:13:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:13:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029922.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 12:13
 Operator : AR\AJ
 Sample : HSTDICC1000
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDICC1000

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:41:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:41:18 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	6.941	7.466	2233.7E6	662.0E6	886.503	930.792
Target Compounds							
1) T	Dalapon	2.448	2.524	3459.2E6	1450.3E6	829.350	821.672
2) T	3,5-DICHL...	6.145	6.463	3047.9E6	855.5E6	835.452	867.026
3) T	4-Nitroph...	6.731	7.000	1500.3E6	650.1E6	830.199	840.006
5) T	DICAMBA	7.118	7.652	8709.4E6	3622.0E6	866.580	923.531
6) T	MCPD	7.297	7.761	613.1E6	163.4E6	97.394	94.159
7) T	MCPA	7.440	7.992	802.4E6	212.9E6	91.664	89.703
8) T	DICHLORPROP	7.798	8.347	2167.0E6	881.3E6	837.398	868.054
9) T	2,4-D	8.018	8.661	2435.4E6	991.5E6	849.738	870.102
10) T	Pentachlo...	8.297	9.163	31038.8E6	18517.9E6	864.019	901.215
11) T	2,4,5-TP ...	8.862	9.542	12264.9E6	7478.1E6	869.588	909.959
12) T	2,4,5-T	9.144	9.947	12428.5E6	7054.1E6	868.738	903.059
13) T	2,4-DB	9.702	10.506	2059.3E6	737.5E6	896.524	916.649
14) T	DINOSEB	10.866	10.881	8807.7E6	5194.8E6	849.671	883.604
15) T	Picloram	10.685	11.920	16510.1E6	11094.8E6	892.660	889.281m
16) T	DCPA	11.166	11.918	15201.9E6	10311.4E6	876.317	906.507m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
Data File : PS029922.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 12:13
Operator : AR\AJ
Sample : HSTDICC1000
Misc :
ALS Vial : 6 Sample Multiplier: 1

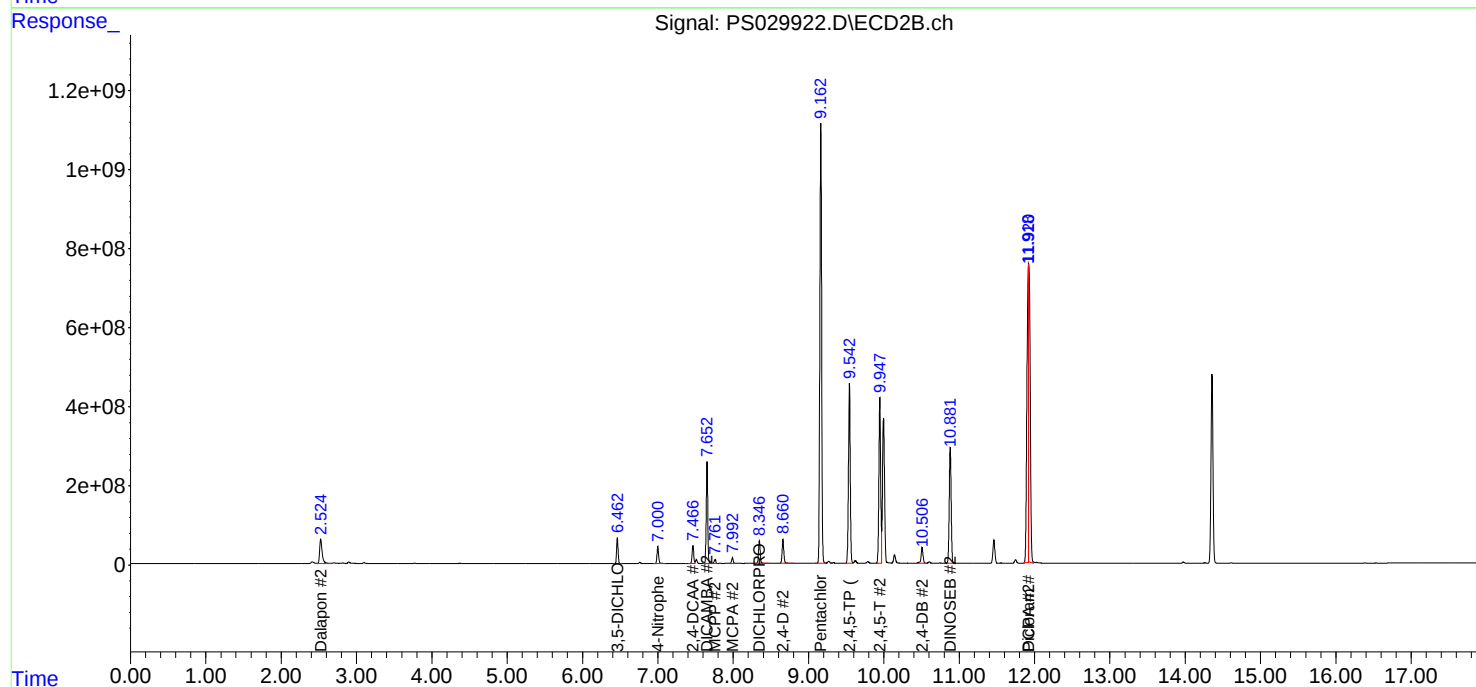
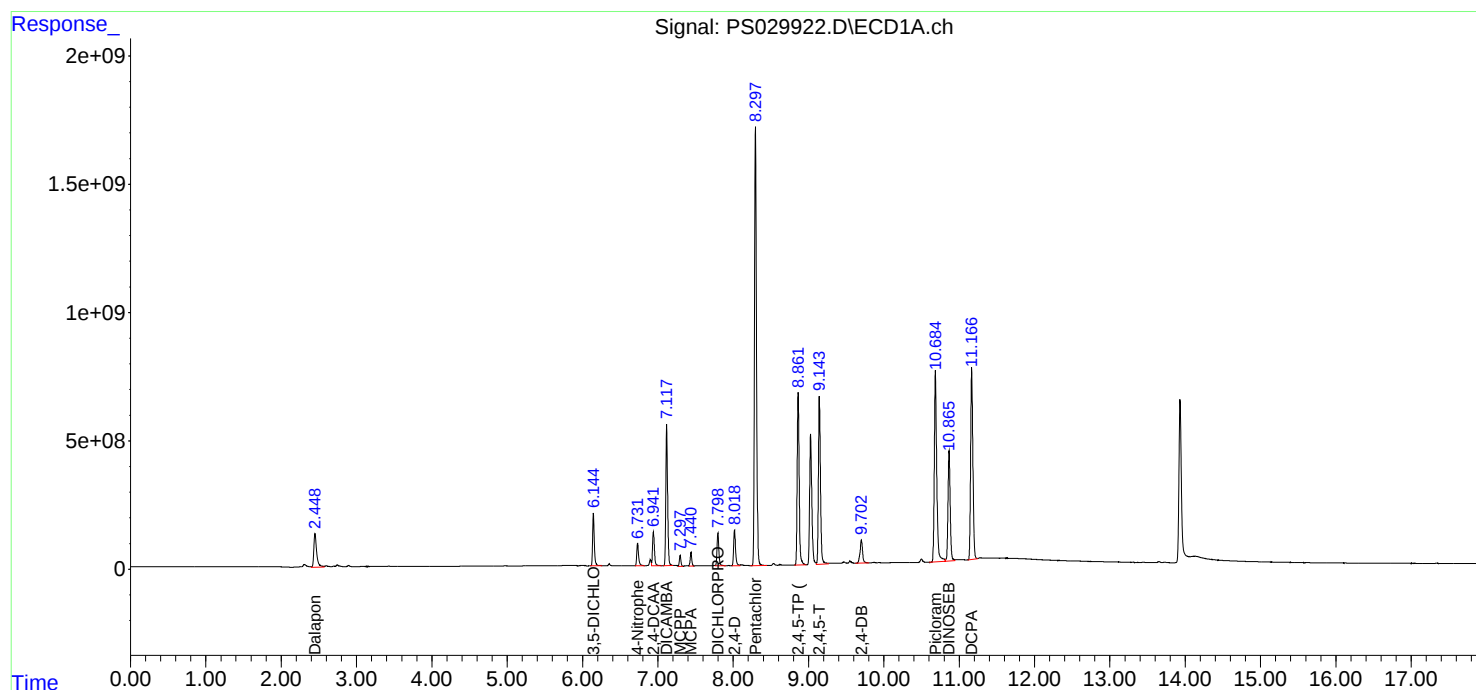
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/24/2025
Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 12:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:41:18 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 12:37
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 12:55:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:55:41 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	6.941	7.467	3340.2E6	1016.6E6	1357.229	1442.979
Target Compounds							
1) T	Dalapon	2.448	2.524	5176.7E6	2212.1E6	1264.064	1274.156
2) T	3,5-DICHL...	6.145	6.463	4570.5E6	1313.0E6	1278.892	1343.156
3) T	4-Nitroph...	6.731	7.001	2304.0E6	1001.5E6	1291.971	1307.566
5) T	DICAMBA	7.118	7.654	13131.1E6	5728.1E6	1325.990	1450.134
6) T	MCP	7.300	7.765	992.1E6	254.5E6	153.962	145.490
7) T	MCPA	7.444	7.996	1275.2E6	326.1E6	144.397	137.819
8) T	DICHLORPROP	7.799	8.348	3270.4E6	1352.2E6	1290.535	1346.848
9) T	2,4-D	8.019	8.661	3666.5E6	1519.1E6	1303.464	1347.820
10) T	Pentachlo...	8.300	9.164	43790.4E6	27835.1E6	1255.279	1368.166
11) T	2,4,5-TP ...	8.862	9.543	18378.2E6	11452.1E6	1325.717	1399.712
12) T	2,4,5-T	9.144	9.947	18581.8E6	10783.8E6	1322.259	1389.199
13) T	2,4-DB	9.702	10.507	3190.6E6	1148.5E6	1396.120	1426.978
14) T	DINOSEB	10.866	10.881	13258.0E6	7950.4E6	1303.197	1363.473
15) T	Picloram	10.684	11.923	25181.9E6	16837.9E6	1373.763	1364.679m
16) T	DCPA	11.166	11.918	22629.5E6	14875.5E6	1329.504	1311.664m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
Data File : PS029923.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 12:37
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

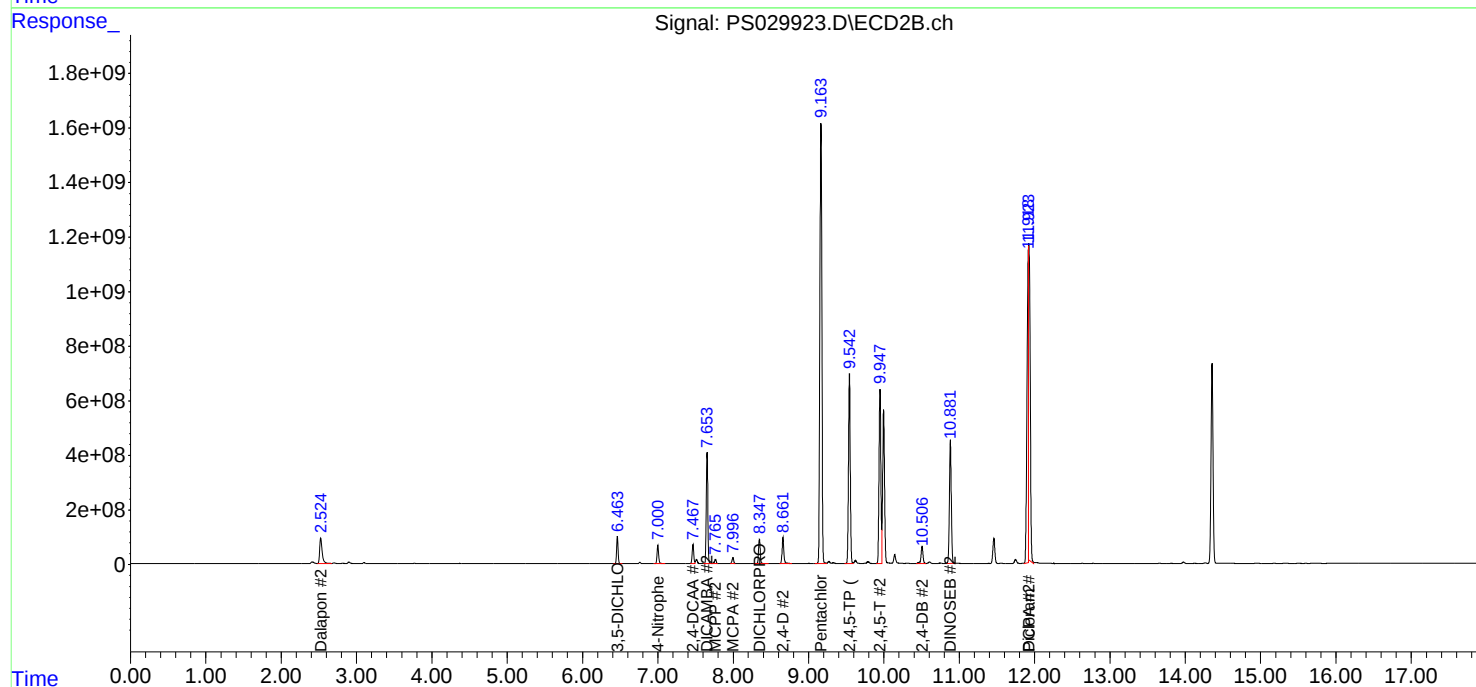
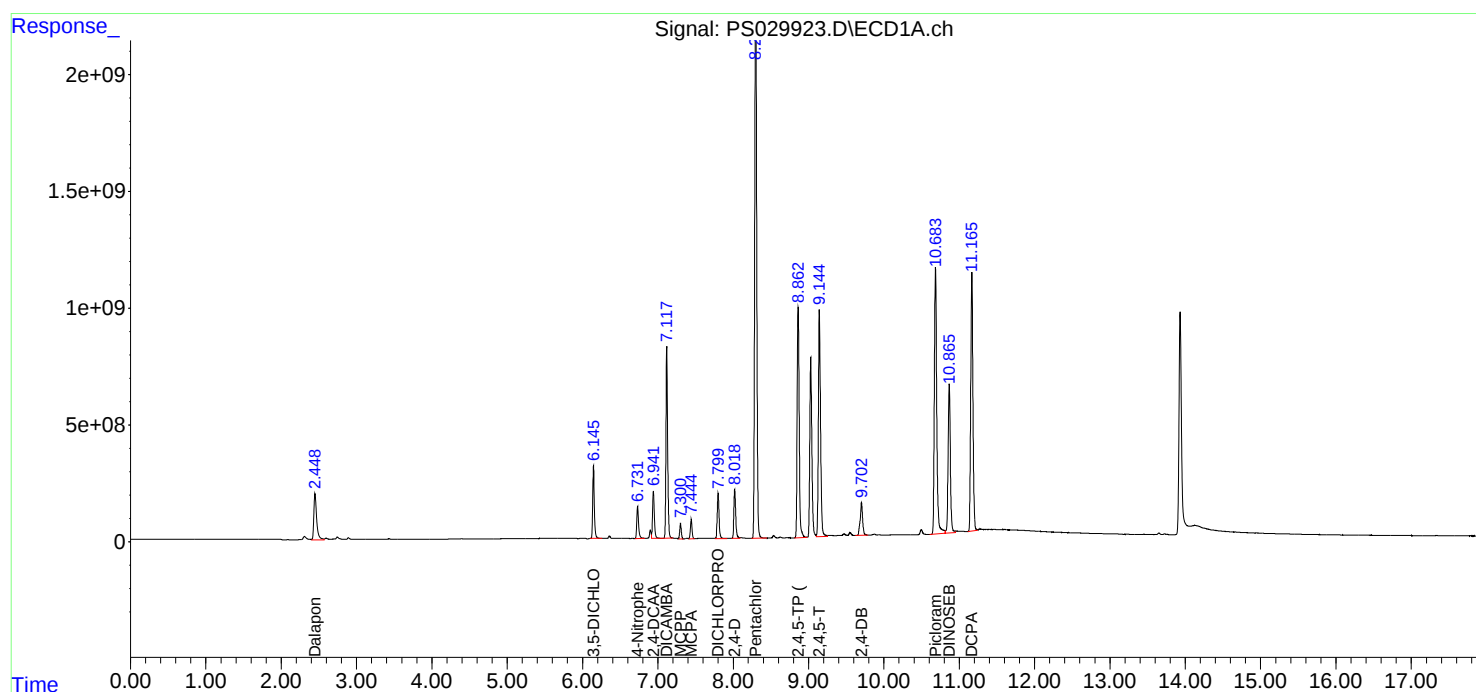
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 04/24/2025
Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 12:55:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
 Data File : PS029924.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 13:01
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ICVPS042325

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 13:20:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.941	7.467	1785.1E6	522.8E6	725.315	742.096
Target Compounds							
1) T	Dalapon	2.449	2.525	2793.7E6	1167.7E6	682.183	672.600
2) T	3,5-DICHL...	6.145	6.463	2447.4E6	679.4E6	684.816	695.005
3) T	4-Nitroph...	6.732	7.000	1167.8E6	514.6E6	654.846	671.850
5) T	DICAMBA	7.118	7.653	6990.7E6	2822.8E6	705.926	714.619
6) T	MCP	7.297	7.760	467.2E6	127.4E6	72.508	72.837
7) T	MCPA	7.439	7.991	617.1E6	165.5E6	69.876	69.959
8) T	DICHLORPROP	7.798	8.347	1751.5E6	702.7E6	691.189	699.969
9) T	2,4-D	8.018	8.661	1976.8E6	789.4E6	702.764	700.374
10) T	Pentachlo...	8.297	9.163	25231.5E6	14767.7E6	723.277	725.871
11) T	2,4,5-TP ...	8.862	9.542	9894.0E6	5913.4E6	713.706	722.753
12) T	2,4,5-T	9.144	9.947	9990.5E6	5588.6E6	710.908	719.944
13) T	2,4-DB	9.702	10.506	1649.4E6	582.7E6	721.719	724.013
14) T	DINOSEB	10.866	10.881	7070.7E6	4118.9E6	695.014	706.382
15) T	Picloram	10.685	11.923	13255.1E6	9024.0E6	723.112	734.636m
16) T	DCPA	11.167	11.918	12285.5E6	8142.3E6	721.785	722.370m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
Data File : PS029924.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 13:01
Operator : AR\AJ
Sample : HSTDICV750
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

ICVPS042325

Manual Integrations

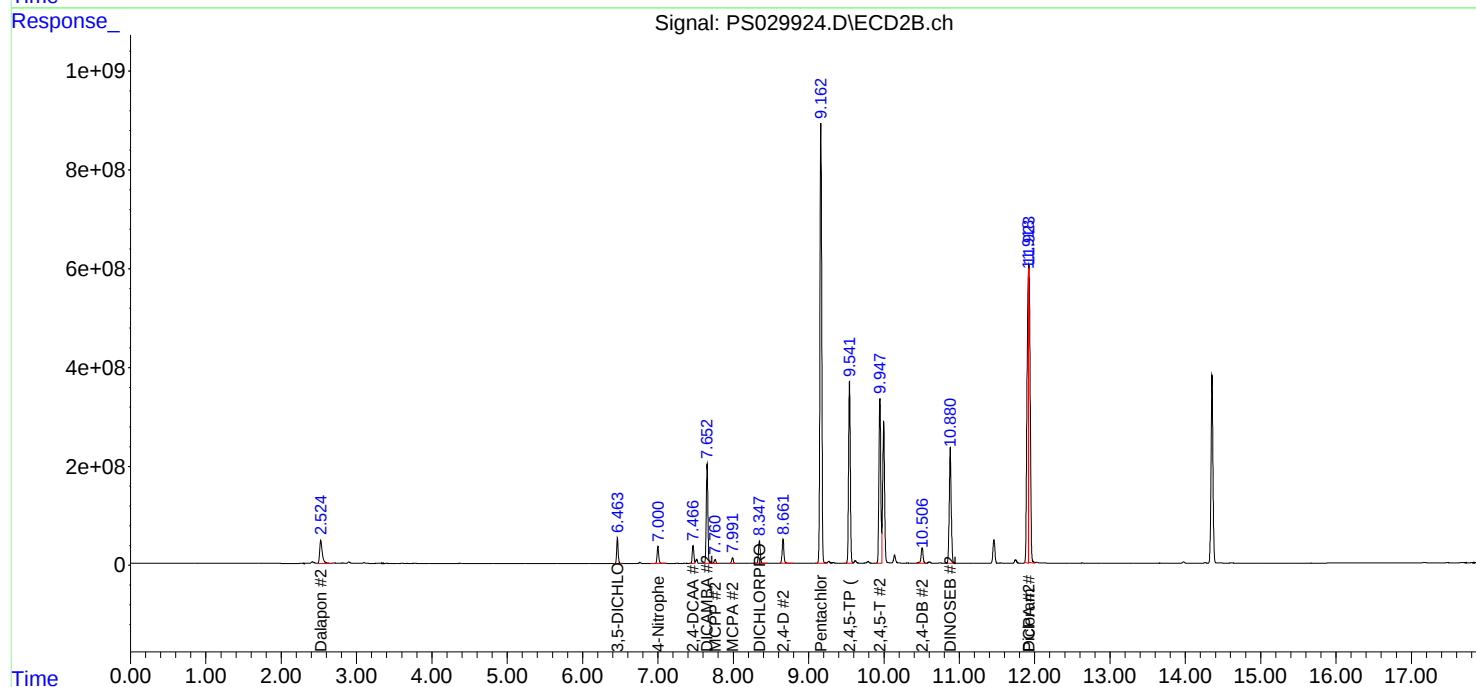
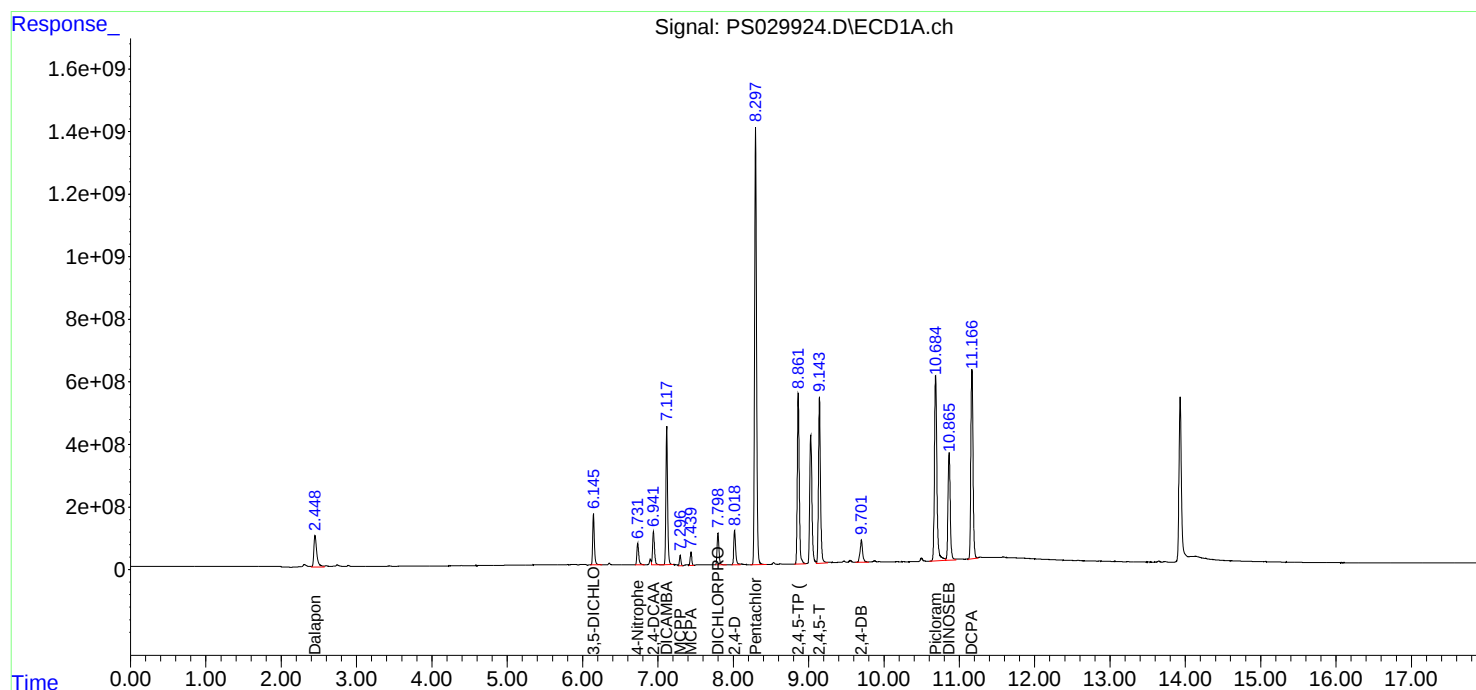
APPROVED

Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 13:20:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Continuing Calib Date: 05/01/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 01:22 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.12	7.12	7.02	7.22	0.00
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
DICHLORPROP	7.80	7.80	7.70	7.90	0.00
2,4-D	8.02	8.02	7.92	8.12	0.00
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.00
2,4,5-T	9.14	9.14	9.04	9.24	0.00
2,4-DB	9.70	9.70	9.60	9.80	0.00
Dinoseb	10.86	10.87	10.77	10.97	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Continuing Calib Date: 05/01/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 01:22 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.65	7.65	7.55	7.75	0.00
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
DICHLORPROP	8.34	8.35	8.25	8.45	0.01
2,4-D	8.66	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01
2,4,5-T	9.94	9.95	9.85	10.05	0.01
2,4-DB	10.50	10.51	10.41	10.61	0.01
Dinoseb	10.87	10.88	10.78	10.98	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Client Sample No.: CCAL01 Date Analyzed: 05/01/2025

Lab Sample No.: HSTDCCC750 Data File : PS029991.D Time Analyzed: 01:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.141	9.044	9.244	736.550	712.500	3.4
2,4,5-TP(Silvex)	8.858	8.762	8.962	730.550	712.500	2.5
2,4-D	8.016	7.919	8.119	715.650	705.000	1.5
2,4-DB	9.699	9.603	9.803	764.140	712.500	7.2
2,4-DCAA	6.939	6.842	7.042	758.550	750.000	1.1
DICAMBA	7.116	7.018	7.218	723.860	705.000	2.7
DICHLORPROP	7.796	7.699	7.899	704.420	705.000	-0.1
Dinoseb	10.861	10.766	10.966	714.800	705.000	1.4



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CALIBRATION VERIFICATION SUMMARY
Contract: WALS01
Lab Code: CHEM **Case No.:** Q1907 **SAS No.:** Q1907 **SDG NO.:** Q1907
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025
Client Sample No.: CCAL01 **Date Analyzed:** 05/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS029991.D **Time Analyzed:** 01:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.938	9.847	10.047	776.840	712.500	9.0
2,4,5-TP(Silvex)	9.534	9.442	9.642	786.260	712.500	10.4
2,4-D	8.655	8.561	8.761	748.240	705.000	6.1
2,4-DB	10.497	10.407	10.607	729.270	712.500	2.4
2,4-DCAA	7.463	7.367	7.567	801.050	750.000	6.8
DICAMBA	7.649	7.553	7.753	781.610	705.000	10.9
DICHLORPROP	8.342	8.248	8.448	757.570	705.000	7.5
Dinoseb	10.870	10.781	10.981	758.310	705.000	7.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS029991.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 01:22
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 01:46:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.939	7.463	1866.9E6	564.4E6	758.552	801.051
Target Compounds							
1) T	Dalapon	2.449	2.523	2892.9E6	1234.8E6	706.400	711.228
2) T	3,5-DICHL...	6.143	6.460	2518.3E6	726.1E6	704.648	742.792
3) T	4-Nitroph...	6.729	6.996	1243.4E6	555.8E6	697.248	725.719
5) T	DICAMBA	7.116	7.649	7168.2E6	3087.4E6	723.855	781.611
6) T	MCP	7.294	7.756	466.6E6	129.0E6	72.412	73.739
7) T	MCPA	7.437	7.986	642.6E6	171.6E6	72.763	72.534
8) T	DICHLORPROP	7.796	8.342	1785.1E6	760.6E6	704.424	757.567
9) T	2,4-D	8.016	8.655	2013.0E6	843.4E6	715.648	748.243
10) T	Pentachlo...	8.294	9.156	25792.5E6	16172.6E6	739.359	794.924
11) T	2,4,5-TP ...	8.858	9.534	10127.5E6	6432.9E6	730.547	786.255
12) T	2,4,5-T	9.141	9.938	10350.9E6	6030.3E6	736.554	776.838
13) T	2,4-DB	9.699	10.497	1746.3E6	586.9E6	764.144	729.270
14) T	DINOSEB	10.861	10.870	7271.9E6	4421.7E6	714.798	758.306
15) T	Picloram	10.680	11.908	13551.6E6	9856.9E6	739.289	802.440m
16) T	DCPA	11.163	11.903	12619.6E6	8081.5E6	741.412	716.977m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS029991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 01:22
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

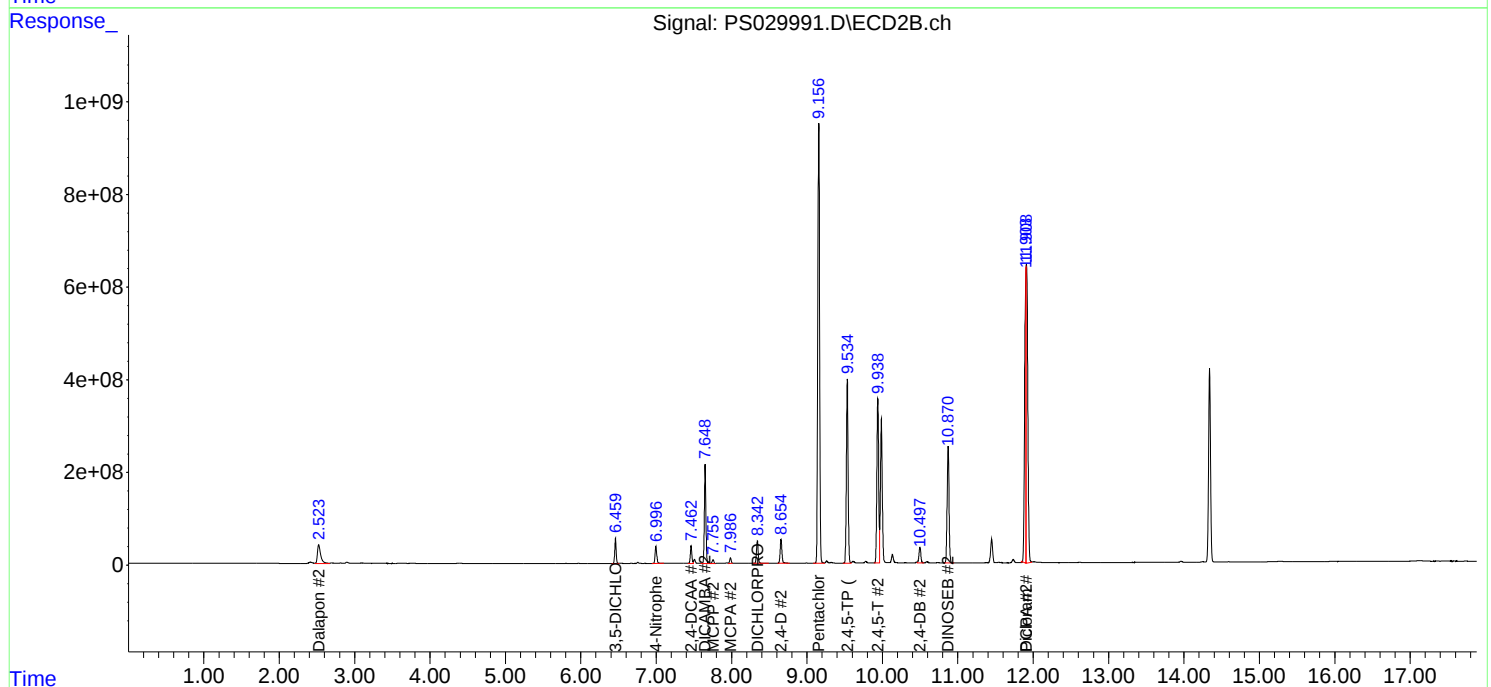
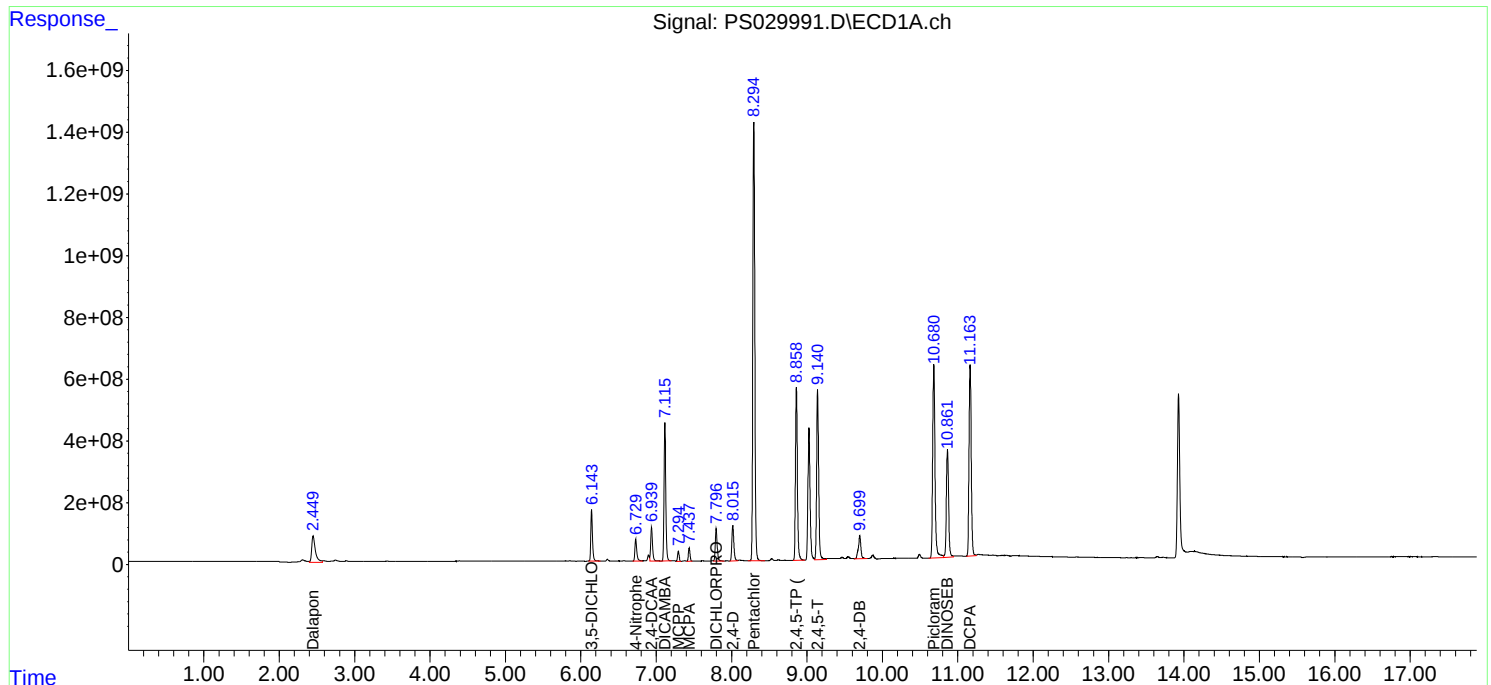
APPROVED

Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 01:46:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Continuing Calib Date: 05/01/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 06:59 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.12	7.12	7.02	7.22	0.01
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
DICHLORPROP	7.80	7.80	7.70	7.90	0.00
2,4-D	8.02	8.02	7.92	8.12	0.00
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.00
2,4,5-T	9.14	9.14	9.04	9.24	0.00
2,4-DB	9.70	9.70	9.60	9.80	0.00
Dinoseb	10.86	10.87	10.77	10.97	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Continuing Calib Date: 05/01/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

Continuing Calib Time: 06:59 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.65	7.65	7.55	7.75	0.00
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
DICHLORPROP	8.34	8.35	8.25	8.45	0.01
2,4-D	8.66	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01
2,4,5-T	9.94	9.95	9.85	10.05	0.01
2,4-DB	10.50	10.51	10.41	10.61	0.01
Dinoseb	10.87	10.88	10.78	10.98	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Client Sample No.: CCAL02 Date Analyzed: 05/01/2025

Lab Sample No.: HSTDCCC750 Data File : PS030002.D Time Analyzed: 06:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.140	9.044	9.244	722.200	712.500	1.4
2,4,5-TP(Silvex)	8.858	8.762	8.962	720.000	712.500	1.1
2,4-D	8.015	7.919	8.119	700.150	705.000	-0.7
2,4-DB	9.698	9.603	9.803	748.260	712.500	5.0
2,4-DCAA	6.939	6.842	7.042	735.570	750.000	-1.9
DICAMBA	7.115	7.018	7.218	705.880	705.000	0.1
DICHLORPROP	7.796	7.699	7.899	687.850	705.000	-2.4
Dinoseb	10.860	10.766	10.966	690.110	705.000	-2.1



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Client Sample No.: CCAL02 Date Analyzed: 05/01/2025

Lab Sample No.: HSTDCCC750 Data File : PS030002.D Time Analyzed: 06:59

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.938	9.847	10.047	770.350	712.500	8.1
2,4,5-TP(Silvex)	9.534	9.442	9.642	779.550	712.500	9.4
2,4-D	8.655	8.561	8.761	741.780	705.000	5.2
2,4-DB	10.496	10.407	10.607	739.380	712.500	3.8
2,4-DCAA	7.462	7.367	7.567	794.140	750.000	5.9
DICAMBA	7.648	7.553	7.753	780.920	705.000	10.8
DICHLORPROP	8.342	8.248	8.448	760.750	705.000	7.9
Dinoseb	10.870	10.781	10.981	739.550	705.000	4.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS030002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 06:59
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 07:14:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.939	7.462	1810.3E6	559.5E6	735.571	794.137
Target Compounds							
1) T	Dalapon	2.449	2.523	2775.4E6	1208.6E6	677.707	696.158
2) T	3,5-DICHL...	6.143	6.459	2465.8E6	721.5E6	689.978	738.090
3) T	4-Nitroph...	6.729	6.996	1209.4E6	555.7E6	678.175	725.560
5) T	DICAMBA	7.115	7.648	6990.3E6	3084.7E6	705.883	780.916
6) T	MCPD	7.294	7.756	452.6E6	123.1E6	70.239	70.364
7) T	MCPA	7.437	7.986	612.8E6	164.2E6	69.392	69.420
8) T	DICHLORPROP	7.796	8.342	1743.1E6	763.8E6	687.852	760.753
9) T	2,4-D	8.015	8.655	1969.4E6	836.1E6	700.153	741.775
10) T	Pentachlo...	8.294	9.155	25274.2E6	16072.4E6	724.501	790.000
11) T	2,4,5-TP ...	8.858	9.534	9981.3E6	6378.1E6	720.003	779.555
12) T	2,4,5-T	9.140	9.938	10149.2E6	5979.9E6	722.205	770.353
13) T	2,4-DB	9.698	10.496	1710.1E6	595.1E6	748.265	739.381
14) T	DINOSEB	10.860	10.870	7020.8E6	4312.3E6	690.113	739.552
15) T	Picloram	10.679	11.907	13213.8E6	9663.9E6	720.858	786.730m
16) T	DCPA	11.162	11.904	12337.1E6	8644.1E6	724.817	766.893m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS030002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 06:59
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

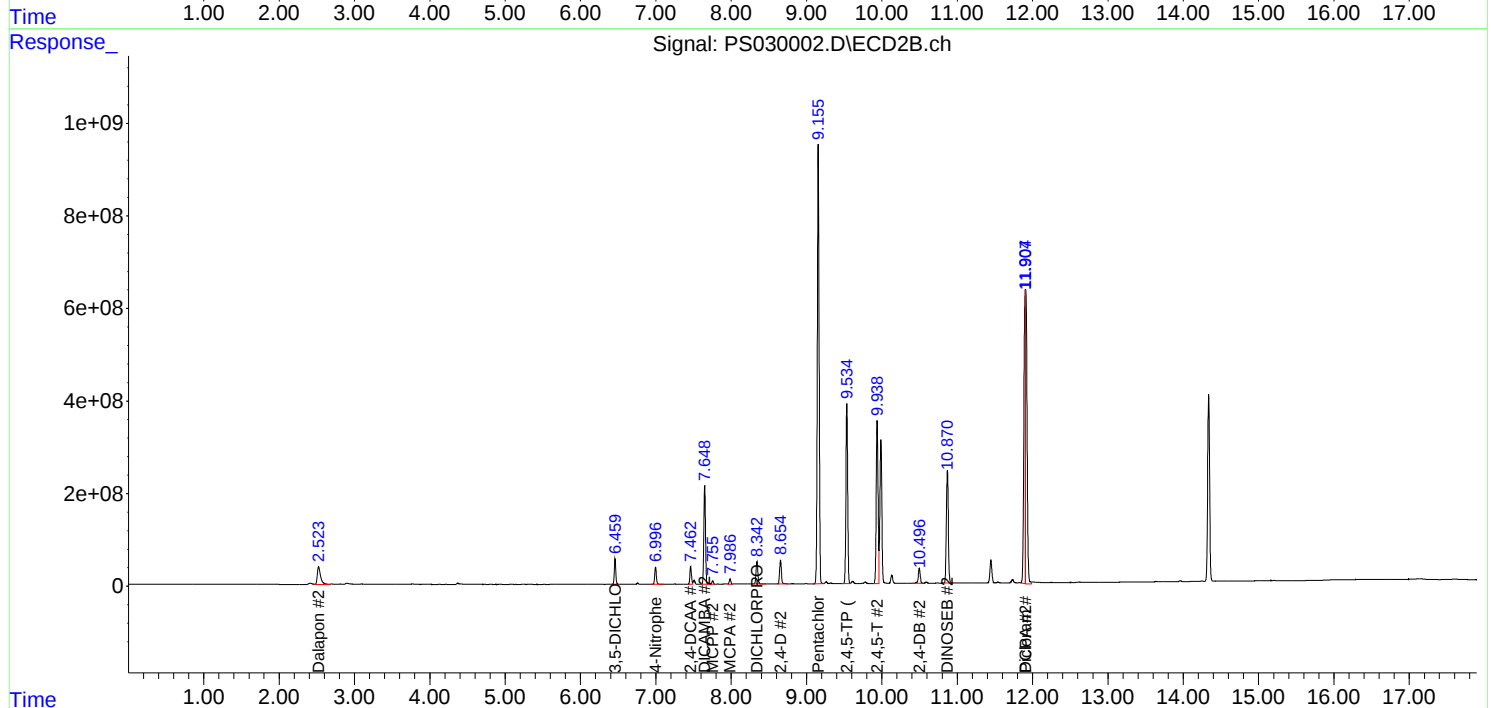
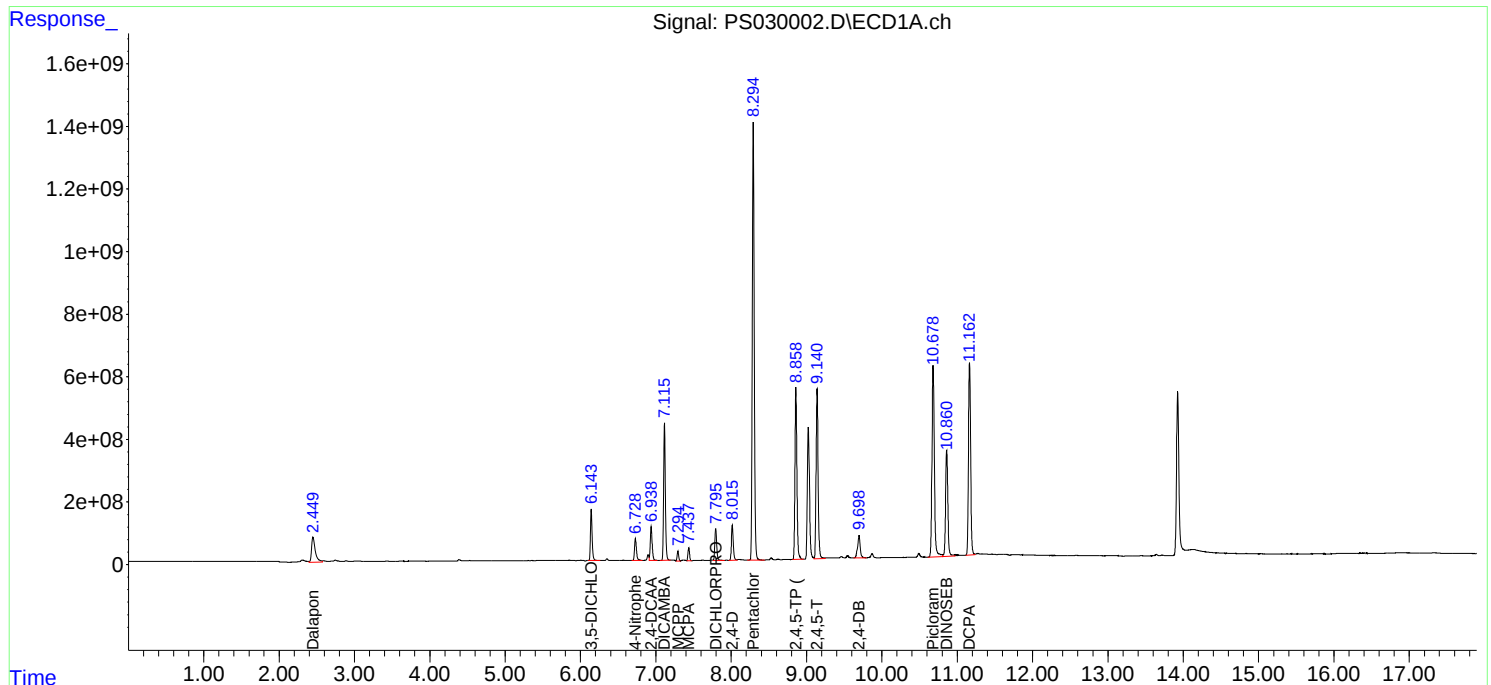
APPROVED

Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 07:14:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Continuing Calib Date: 05/01/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

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

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.12	7.12	7.02	7.22	0.00
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
DICHLORPROP	7.80	7.80	7.70	7.90	0.00
2,4-D	8.02	8.02	7.92	8.12	0.00
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.00
2,4,5-T	9.14	9.14	9.04	9.24	0.00
2,4-DB	9.70	9.70	9.60	9.80	0.00
Dinoseb	10.86	10.87	10.77	10.97	0.01



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

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

Continuing Calib Date: 05/01/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

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

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
DICAMBA	7.65	7.65	7.55	7.75	0.00
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
DICHLORPROP	8.34	8.35	8.25	8.45	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01
2,4,5-T	9.94	9.95	9.85	10.05	0.01
2,4-DB	10.50	10.51	10.41	10.61	0.02
Dinoseb	10.87	10.88	10.78	10.98	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Client Sample No.: CCAL03 Date Analyzed: 05/01/2025

Lab Sample No.: HSTDCCC750 Data File : PS030013.D Time Analyzed: 12:12

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.140	9.044	9.244	745.600	712.500	4.6
2,4,5-TP(Silvex)	8.858	8.762	8.962	742.010	712.500	4.1
2,4-D	8.015	7.919	8.119	720.060	705.000	2.1
2,4-DB	9.698	9.603	9.803	763.740	712.500	7.2
2,4-DCAA	6.939	6.842	7.042	760.450	750.000	1.4
DICAMBA	7.116	7.018	7.218	728.740	705.000	3.4
DICHLORPROP	7.796	7.699	7.899	708.330	705.000	0.5
Dinoseb	10.861	10.766	10.966	719.310	705.000	2.0



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Client Sample No.: CCAL03 Date Analyzed: 05/01/2025

Lab Sample No.: HSTDCCC750 Data File : PS030013.D Time Analyzed: 12:12

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.937	9.847	10.047	784.080	712.500	10.0
2,4,5-TP(Silvex)	9.533	9.442	9.642	796.690	712.500	11.8
2,4-D	8.654	8.561	8.761	757.120	705.000	7.4
2,4-DB	10.495	10.407	10.607	757.220	712.500	6.3
2,4-DCAA	7.462	7.367	7.567	820.590	750.000	9.4
DICAMBA	7.648	7.553	7.753	800.730	705.000	13.6
DICHLORPROP	8.341	8.248	8.448	768.250	705.000	9.0
Dinoseb	10.869	10.781	10.981	755.960	705.000	7.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS030013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 12:12
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 05/02/2025

Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 04:57:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.939	7.462	1871.5E6	578.1E6	760.455	820.588
Target Compounds							
1) T	Dalapon	2.450	2.523	2842.4E6	1225.0E6	694.072	705.564
2) T	3,5-DICHL...	6.143	6.459	2534.7E6	733.0E6	709.256	749.766
3) T	4-Nitroph...	6.729	6.996	1248.9E6	553.9E6	700.337	723.117
5) T	DICAMBA	7.116	7.648	7216.6E6	3162.9E6	728.740	800.727
6) T	MCP	7.294	7.755	476.8E6	127.0E6	73.990	72.588
7) T	MCPA	7.437	7.986	642.0E6	173.5E6	72.694	73.321
8) T	DICHLORPROP	7.796	8.341	1795.0E6	771.3E6	708.332	768.253
9) T	2,4-D	8.015	8.654	2025.4E6	853.4E6	720.064	757.125
10) T	Pentachlo...	8.294	9.155	25966.6E6	16440.0E6	744.350	808.069
11) T	2,4,5-TP ...	8.858	9.533	10286.3E6	6518.3E6	742.007	796.691
12) T	2,4,5-T	9.140	9.937	10478.0E6	6086.5E6	745.600	784.085
13) T	2,4-DB	9.698	10.495	1745.4E6	609.4E6	763.742	757.220
14) T	DINOSEB	10.861	10.869	7317.8E6	4408.0E6	719.308	755.957
15) T	Picloram	10.680	11.905	13288.4E6	8972.7E6	724.926	730.458m
16) T	DCPA	11.162	11.901	12725.4E6	7783.9E6	747.629	690.569m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS030013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 12:12
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

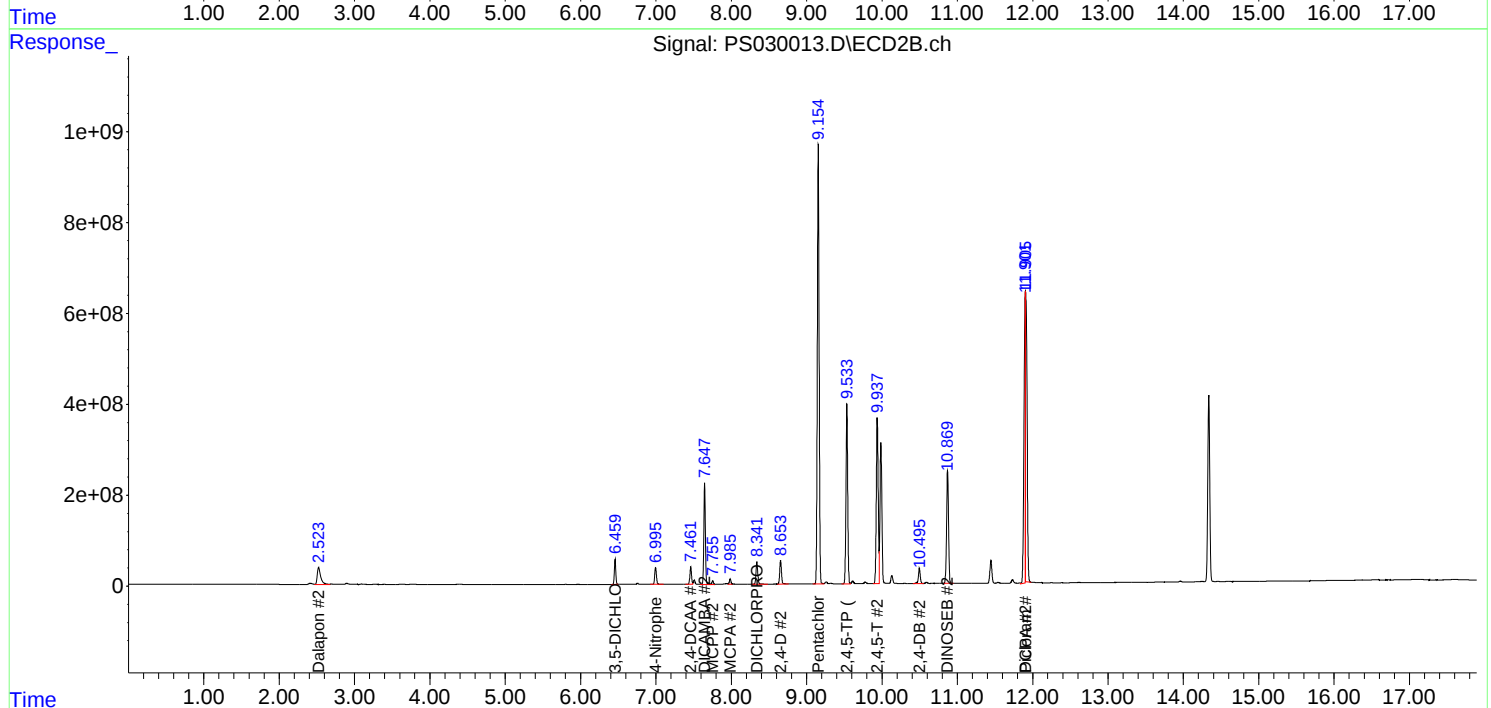
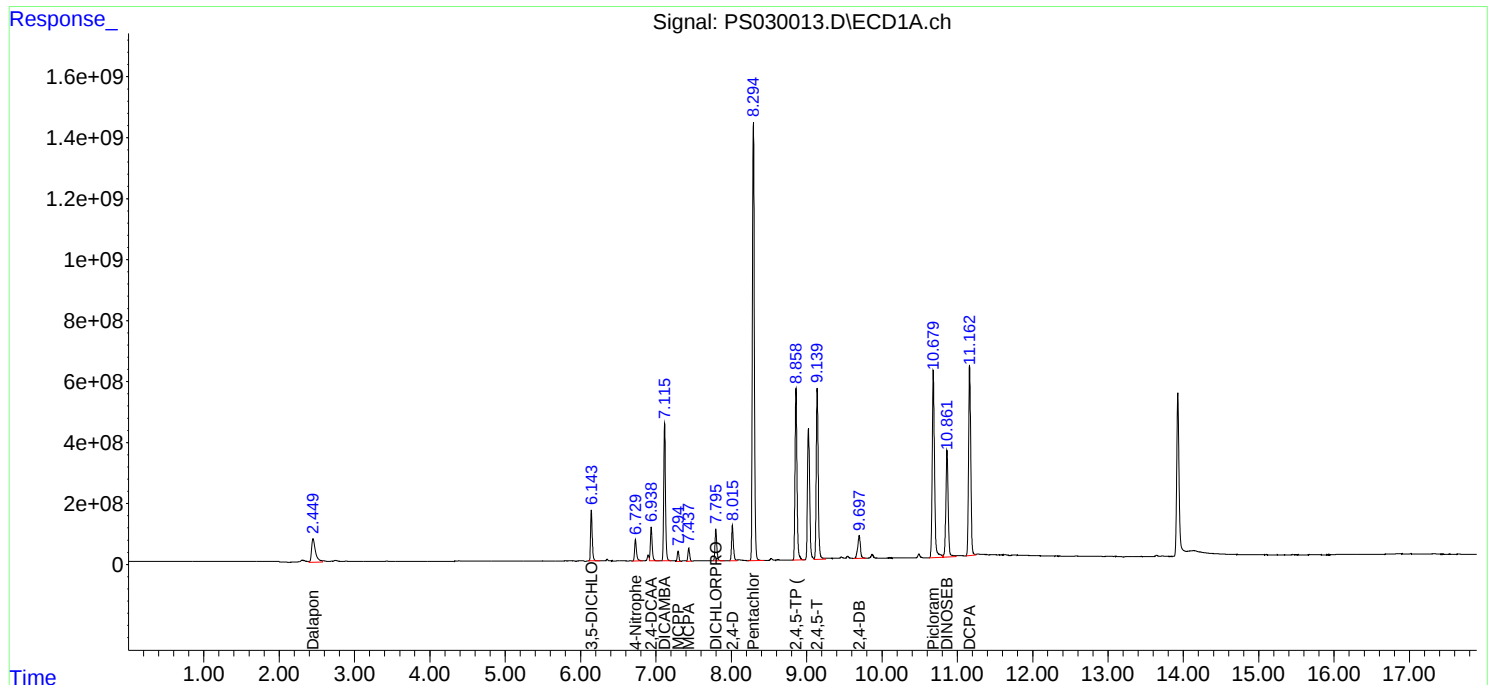
APPROVED

Reviewed By :Abdul Mirza 05/02/2025

Supervised By :mohammad ahmed 05/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 04:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Continuing Calib Time: 09:55 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.12	7.02	7.22	0.01
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
DICHLORPROP	7.80	7.80	7.70	7.90	0.00
2,4-D	8.02	8.02	7.92	8.12	0.00
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.00
2,4,5-T	9.14	9.14	9.04	9.24	0.00
2,4-DB	9.70	9.70	9.60	9.80	0.00
Dinoseb	10.86	10.87	10.77	10.97	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Continuing Calib Time: 09:55 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.64	7.65	7.55	7.75	0.01
2,4-DCAA	7.46	7.47	7.37	7.57	0.01
DICHLORPROP	8.34	8.35	8.25	8.45	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01
2,4,5-T	9.93	9.95	9.85	10.05	0.02
2,4-DB	10.49	10.51	10.41	10.61	0.02
Dinoseb	10.87	10.88	10.78	10.98	0.02



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

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

Lab Sample No.: HSTDCCC750 Data File : PS030029.D Time Analyzed: 09:55

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.140	9.044	9.244	757.080	712.500	6.3
2,4,5-TP(Silvex)	8.857	8.762	8.962	758.140	712.500	6.4
2,4-D	8.015	7.919	8.119	776.810	705.000	10.2
2,4-DB	9.698	9.603	9.803	770.300	712.500	8.1
2,4-DCAA	6.938	6.842	7.042	772.860	750.000	3.0
DICAMBA	7.114	7.018	7.218	745.680	705.000	5.8
DICHLORPROP	7.795	7.699	7.899	758.480	705.000	7.6
Dinoseb	10.861	10.766	10.966	741.300	705.000	5.1



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CALIBRATION VERIFICATION SUMMARY
Contract: WALS01
Lab Code: CHEM **Case No.:** Q1907 **SAS No.:** Q1907 **SDG NO.:** Q1907
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/23/2025 04/23/2025
Client Sample No.: CCAL04 **Date Analyzed:** 05/05/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030029.D **Time Analyzed:** 09:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.933	9.847	10.047	770.140	712.500	8.1
2,4,5-TP(Silvex)	9.528	9.442	9.642	784.120	712.500	10.1
2,4-D	8.649	8.561	8.761	745.960	705.000	5.8
2,4-DB	10.491	10.407	10.607	757.060	712.500	6.3
2,4-DCAA	7.456	7.367	7.567	788.400	750.000	5.1
DICAMBA	7.642	7.553	7.753	789.280	705.000	12.0
DICHLORPROP	8.336	8.248	8.448	749.950	705.000	6.4
Dinoseb	10.865	10.781	10.981	753.620	705.000	6.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
 Data File : PS030029.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 09:55
 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 05 12:29:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.938	7.456	1902.1E6	555.4E6	772.860	788.396
Target Compounds							
1) T	Dalapon	2.446	2.517	3152.3E6	1268.0E6	769.749	730.345
2) T	3,5-DICHL...	6.142	6.454	2580.1E6	718.9E6	721.950	735.376
3) T	4-Nitroph...	6.728	6.990	1270.3E6	554.2E6	712.324	723.635
5) T	DICAMBA	7.114	7.642	7384.3E6	3117.7E6	745.677	789.285
6) T	MCPD	7.293	7.750	474.5E6	139.3E6	73.642	79.630
7) T	MCPA	7.436	7.981	643.1E6	166.0E6	72.816	70.169
8) T	DICHLORPROP	7.795	8.336	1922.1E6	752.9E6	758.477	749.952
9) T	2,4-D	8.015	8.649	2185.1E6	840.8E6	776.807	745.962
10) T	Pentachlo...	8.293	9.150	26374.8E6	16140.6E6	756.051	793.353
11) T	2,4,5-TP ...	8.857	9.528	10510.0E6	6415.5E6	758.140	784.122
12) T	2,4,5-T	9.140	9.933	10639.4E6	5978.3E6	757.082	770.140
13) T	2,4-DB	9.698	10.491	1760.4E6	609.3E6	770.297	757.064
14) T	DINOSEB	10.861	10.865	7541.6E6	4394.3E6	741.305	753.615
15) T	Picloram	10.679	11.902	13895.4E6	8583.7E6	758.042	698.789m
16) T	DCPA	11.162	11.900	12980.1E6	8855.1E6	762.591	785.607m

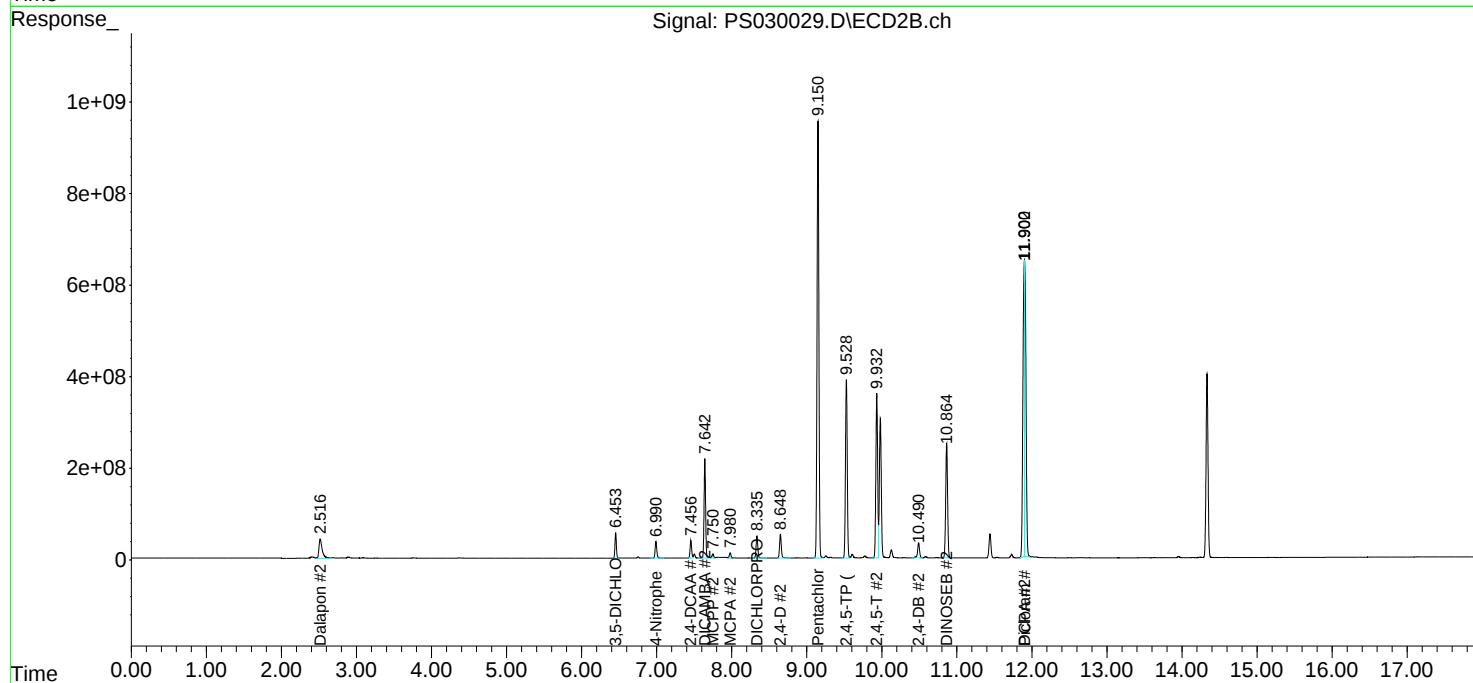
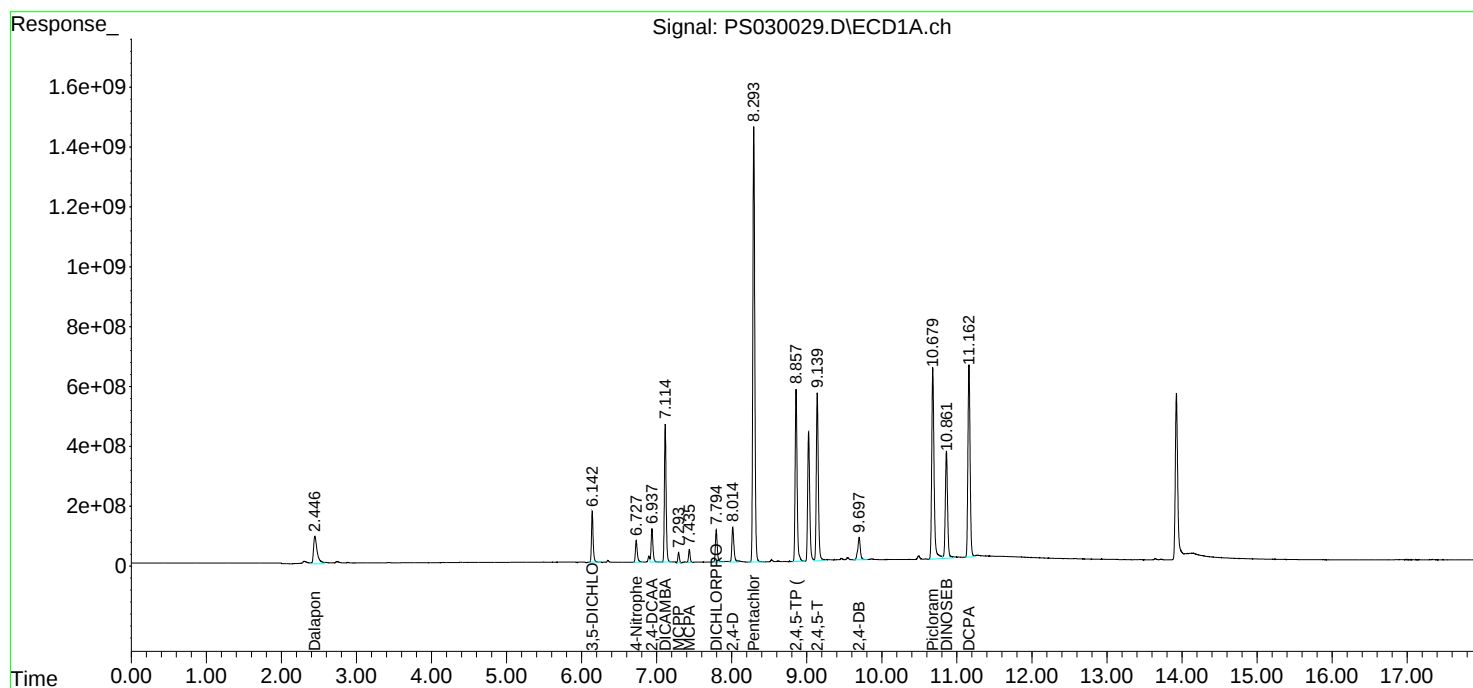
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
Data File : PS030029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 09:55
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 05 12:29:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Continuing Calib Time: 16:41 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.11	7.12	7.02	7.22	0.01
2,4-DCAA	6.94	6.94	6.84	7.04	0.00
DICHLORPROP	7.79	7.80	7.70	7.90	0.01
2,4-D	8.01	8.02	7.92	8.12	0.01
2,4,5-TP(Silvex)	8.86	8.86	8.76	8.96	0.00
2,4,5-T	9.14	9.14	9.04	9.24	0.00
2,4-DB	9.70	9.70	9.60	9.80	0.00
Dinoseb	10.86	10.87	10.77	10.97	0.01



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

Continuing Calib Time: 16:41 Initial Calibration Time(s): 11:01 12:37

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.64	7.65	7.55	7.75	0.01
2,4-DCAA	7.46	7.47	7.37	7.57	0.02
DICHLORPROP	8.34	8.35	8.25	8.45	0.01
2,4-D	8.65	8.66	8.56	8.76	0.01
2,4,5-TP(Silvex)	9.53	9.54	9.44	9.64	0.01
2,4,5-T	9.93	9.95	9.85	10.05	0.02
2,4-DB	10.49	10.51	10.41	10.61	0.02
Dinoseb	10.86	10.88	10.78	10.98	0.02



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

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

Lab Sample No.: HSTDCCC750 Data File : PS030041.D Time Analyzed: 16:41

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.139	9.044	9.244	707.160	712.500	-0.7
2,4,5-TP(Silvex)	8.857	8.762	8.962	704.000	712.500	-1.2
2,4-D	8.014	7.919	8.119	687.970	705.000	-2.4
2,4-DB	9.699	9.603	9.803	717.320	712.500	0.7
2,4-DCAA	6.936	6.842	7.042	721.190	750.000	-3.8
DICAMBA	7.114	7.018	7.218	688.440	705.000	-2.3
DICHLORPROP	7.794	7.699	7.899	674.770	705.000	-4.3
Dinoseb	10.861	10.766	10.966	699.240	705.000	-0.8



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CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1907 SAS No.: Q1907 SDG NO.: Q1907

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

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

Lab Sample No.: HSTDCCC750 Data File : PS030041.D Time Analyzed: 16:41

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.932	9.847	10.047	719.530	712.500	1.0
2,4,5-TP(Silvex)	9.527	9.442	9.642	729.410	712.500	2.4
2,4-D	8.648	8.561	8.761	696.650	705.000	-1.2
2,4-DB	10.490	10.407	10.607	693.040	712.500	-2.7
2,4-DCAA	7.455	7.367	7.567	737.500	750.000	-1.7
DICAMBA	7.642	7.553	7.753	730.790	705.000	3.7
DICHLORPROP	8.335	8.248	8.448	708.150	705.000	0.4
Dinoseb	10.864	10.781	10.981	696.840	705.000	-1.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
 Data File : PS030041.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 16:41
 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 06 01:40:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.936	7.455	1774.9E6	519.6E6	721.191	737.501
Target Compounds							
1) T	Dalapon	2.445	2.516	2952.4E6	1171.6E6	720.926	674.830
2) T	3,5-DICHL...	6.141	6.453	2409.7E6	672.1E6	674.261	687.519
3) T	4-Nitroph...	6.727	6.988	1181.1E6	512.8E6	662.301	669.462m
5) T	DICAMBA	7.114	7.642	6817.6E6	2886.7E6	688.443	730.789
6) T	MCPD	7.292	7.748	422.5E6	110.6E6	65.574	63.223
7) T	MCPA	7.435	7.979	581.0E6	149.4E6	65.784	63.137
8) T	DICHLORPROP	7.794	8.335	1709.9E6	711.0E6	674.770	708.151
9) T	2,4-D	8.014	8.648	1935.2E6	785.2E6	687.965	696.646
10) T	Pentachlo...	8.292	9.149	24554.7E6	15042.3E6	703.874	739.367
11) T	2,4,5-TP ...	8.857	9.527	9759.5E6	5967.9E6	704.004	729.413
12) T	2,4,5-T	9.139	9.932	9937.7E6	5585.4E6	707.156	719.532
13) T	2,4-DB	9.699	10.490	1639.3E6	557.8E6	717.316	693.045
14) T	DINOSEB	10.861	10.864	7113.6E6	4063.2E6	699.237	696.838
15) T	Picloram	10.680	11.903	13035.9E6	7955.5E6	711.154	647.647m
16) T	DCPA	11.162	11.900	12175.4E6	8586.9E6	715.318	761.813m

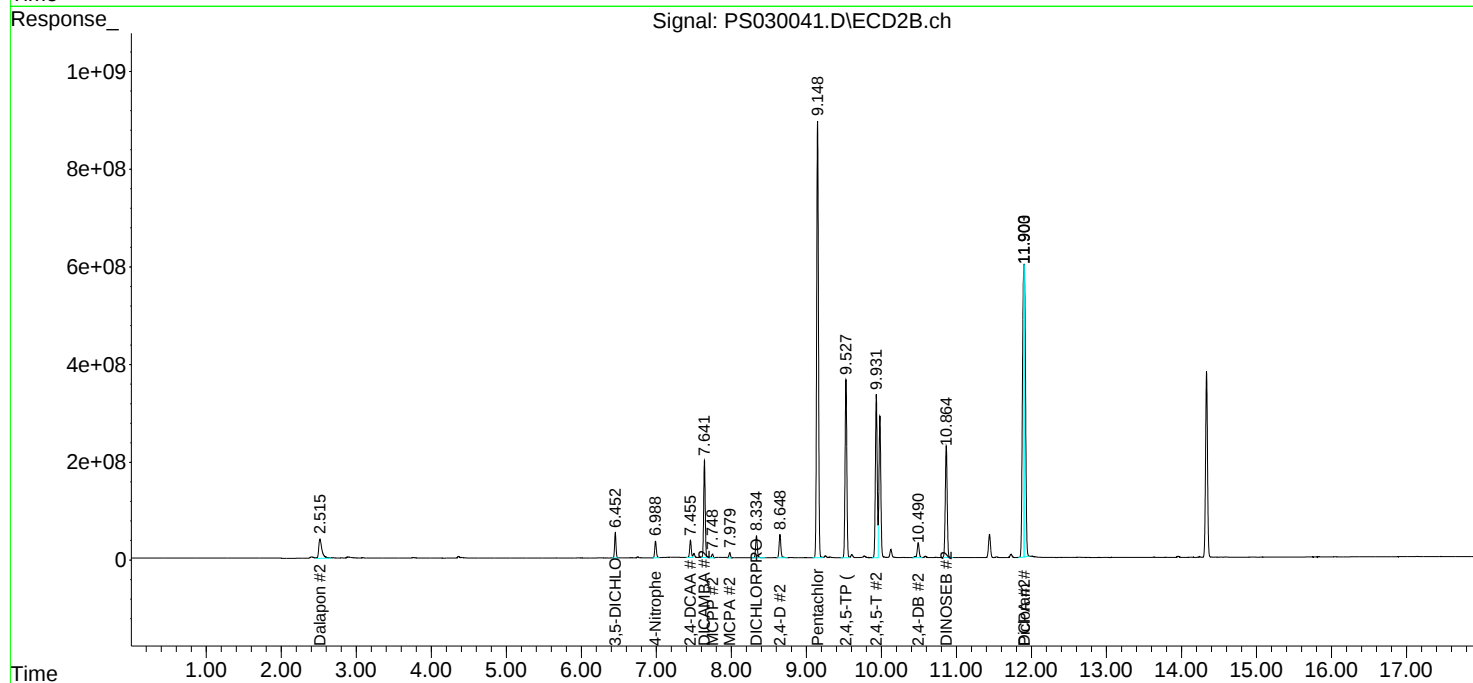
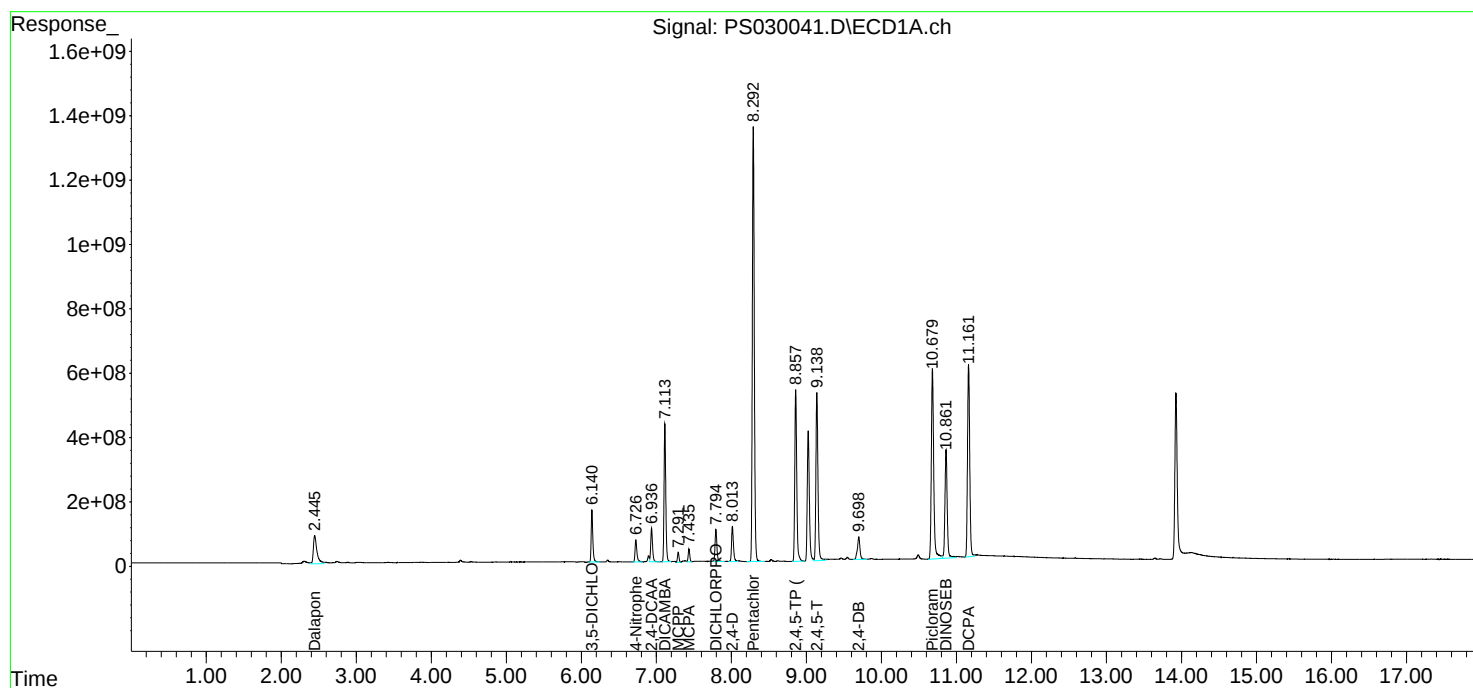
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
Data File : PS030041.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 16:41
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 06 01:40:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: Walsh Construction Company II, LLC	SDG No.: Q1907
Project: Walsh CO-032 Sampling	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 04/23/2025 04/23/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	04/23/2025	10:37	PS029918.D	6.94	0.00
HSTDICC200	HSTDICC200	04/23/2025	11:01	PS029919.D	6.94	0.00
HSTDICC500	HSTDICC500	04/23/2025	11:25	PS029920.D	6.94	0.00
HSTDICC750	HSTDICC750	04/23/2025	11:49	PS029921.D	6.94	0.00
HSTDICC1000	HSTDICC1000	04/23/2025	12:13	PS029922.D	6.94	0.00
HSTDICC1500	HSTDICC1500	04/23/2025	12:37	PS029923.D	6.94	0.00
IBLK	IBLK	05/01/2025	00:58	PS029990.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/01/2025	01:22	PS029991.D	6.94	0.00
WC-5MS	Q1906-05MS	05/01/2025	04:34	PS029999.D	6.92	0.00
WC-5MSD	Q1906-05MSD	05/01/2025	04:58	PS030000.D	6.92	0.00
IBLK	IBLK	05/01/2025	06:10	PS030001.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/01/2025	06:59	PS030002.D	6.94	0.00
CO-8R-WC	Q1907-01	05/01/2025	08:35	PS030005.D	6.94	0.00
PB167796BL	PB167796BL	05/01/2025	11:24	PS030011.D	6.94	0.00
IBLK	IBLK	05/01/2025	11:48	PS030012.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/01/2025	12:12	PS030013.D	6.94	0.00
IBLK	IBLK	05/05/2025	08:38	PS030028.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/05/2025	09:55	PS030029.D	6.94	0.00
PB167796BS	PB167796BS	05/05/2025	13:47	PS030038.D	6.94	0.00
IBLK	IBLK	05/05/2025	14:35	PS030040.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/05/2025	16:41	PS030041.D	6.94	0.00

Analytical Sequence

Client: Walsh Construction Company II, LLC	SDG No.: Q1907
Project: Walsh CO-032 Sampling	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 04/23/2025 04/23/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	04/23/2025	10:37	PS029918.D	7.47	0.00
HSTDICC200	HSTDICC200	04/23/2025	11:01	PS029919.D	7.47	0.00
HSTDICC500	HSTDICC500	04/23/2025	11:25	PS029920.D	7.47	0.00
HSTDICC750	HSTDICC750	04/23/2025	11:49	PS029921.D	7.47	0.00
HSTDICC1000	HSTDICC1000	04/23/2025	12:13	PS029922.D	7.47	0.00
HSTDICC1500	HSTDICC1500	04/23/2025	12:37	PS029923.D	7.47	0.00
IBLK	IBLK	05/01/2025	00:58	PS029990.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/01/2025	01:22	PS029991.D	7.46	0.00
WC-5MS	Q1906-05MS	05/01/2025	04:34	PS029999.D	7.46	0.00
WC-5MSD	Q1906-05MSD	05/01/2025	04:58	PS030000.D	7.46	0.00
IBLK	IBLK	05/01/2025	06:10	PS030001.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/01/2025	06:59	PS030002.D	7.46	0.00
CO-8R-WC	Q1907-01	05/01/2025	08:35	PS030005.D	7.46	0.00
PB167796BL	PB167796BL	05/01/2025	11:24	PS030011.D	7.46	0.00
IBLK	IBLK	05/01/2025	11:48	PS030012.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/01/2025	12:12	PS030013.D	7.46	0.00
IBLK	IBLK	05/05/2025	08:38	PS030028.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/05/2025	09:55	PS030029.D	7.46	0.00
PB167796BS	PB167796BS	05/05/2025	13:47	PS030038.D	7.46	0.00
IBLK	IBLK	05/05/2025	14:35	PS030040.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/05/2025	16:41	PS030041.D	7.46	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167796BS

Contract: WALS01

Lab Code: CHEM

Case No.: Q1907

SAS No.: Q1907

SDG NO.: Q1907

Lab Sample ID: PB167796BS

Date(s) Analyzed: 05/05/2025

05/05/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-T	1	9.14	9.09	9.19	171	1.2
	2	9.94	9.89	9.99	173	
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	170	2.9
	2	9.53	9.48	9.58	175	
2,4-D	1	8.01	7.96	8.06	167	1.8
	2	8.65	8.60	8.70	170	
2,4-DB	1	9.70	9.65	9.75	172	2.9
	2	10.50	10.45	10.55	167	
DICHLORPROP	1	7.79	7.74	7.84	164	4.8
	2	8.34	8.29	8.39	172	
Dinoseb	1	10.86	10.81	10.91	168	1.2
	2	10.87	10.82	10.92	170	
DICAMBA	1	7.11	7.06	7.16	166	3.6
	2	7.65	7.60	7.70	172	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-5MS

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab Sample ID: Q1906-05MS

Date(s) Analyzed: 05/01/2025 05/01/2025

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	7.80	7.75	7.85	102	27.8
	2	8.34	8.29	8.39	135	
2,4-D	1	8.02	7.97	8.07	165	3.1
	2	8.65	8.60	8.70	160	
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	80.7	18.1
	2	9.53	9.48	9.58	96.8	
2,4,5-T	1	9.14	9.09	9.19	103	7.5
	2	9.94	9.89	9.99	111	
2,4-DB	1	9.70	9.65	9.75	81.8	1
	2	10.49	10.44	10.54	81.0	
DICAMBA	1	7.12	7.07	7.17	125	4.7
	2	7.65	7.60	7.70	131	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-5MSD

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab Sample ID: Q1906-05MSD

Date(s) Analyzed: 05/01/2025 05/01/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

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

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

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-T	1	9.14	9.09	9.19	104	8.3
	2	9.94	9.89	9.99	113	
DICHLORPROP	1	7.80	7.75	7.85	100	31.2
	2	8.34	8.29	8.39	137	
2,4-D	1	8.02	7.97	8.07	168	3
	2	8.65	8.60	8.70	163	
2,4,5-TP(Silvex)	1	8.86	8.81	8.91	82.9	18.7
	2	9.53	9.48	9.58	100	
2,4-DB	1	9.70	9.65	9.75	72.2	15.7
	2	10.49	10.44	10.54	84.5	
DICAMBA	1	7.11	7.06	7.16	126	5.4
	2	7.65	7.60	7.70	133	



QC SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167796BL	SDG No.:	Q1907
Lab Sample ID:	PB167796BL	Matrix:	SOIL
Analytical Method:	SW8151A	% 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
PS030011.D	1	04/30/25 08:50	05/01/25 11:24	PB167796

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	433		10 - 141	87%	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\PS043025\
Data File : PS030011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 11:24
Operator : AR\AJ
Sample : PB167796BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB167796BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 04:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.937	7.461	1065.7E6	291.0E6	433.015	413.084

Target Compounds

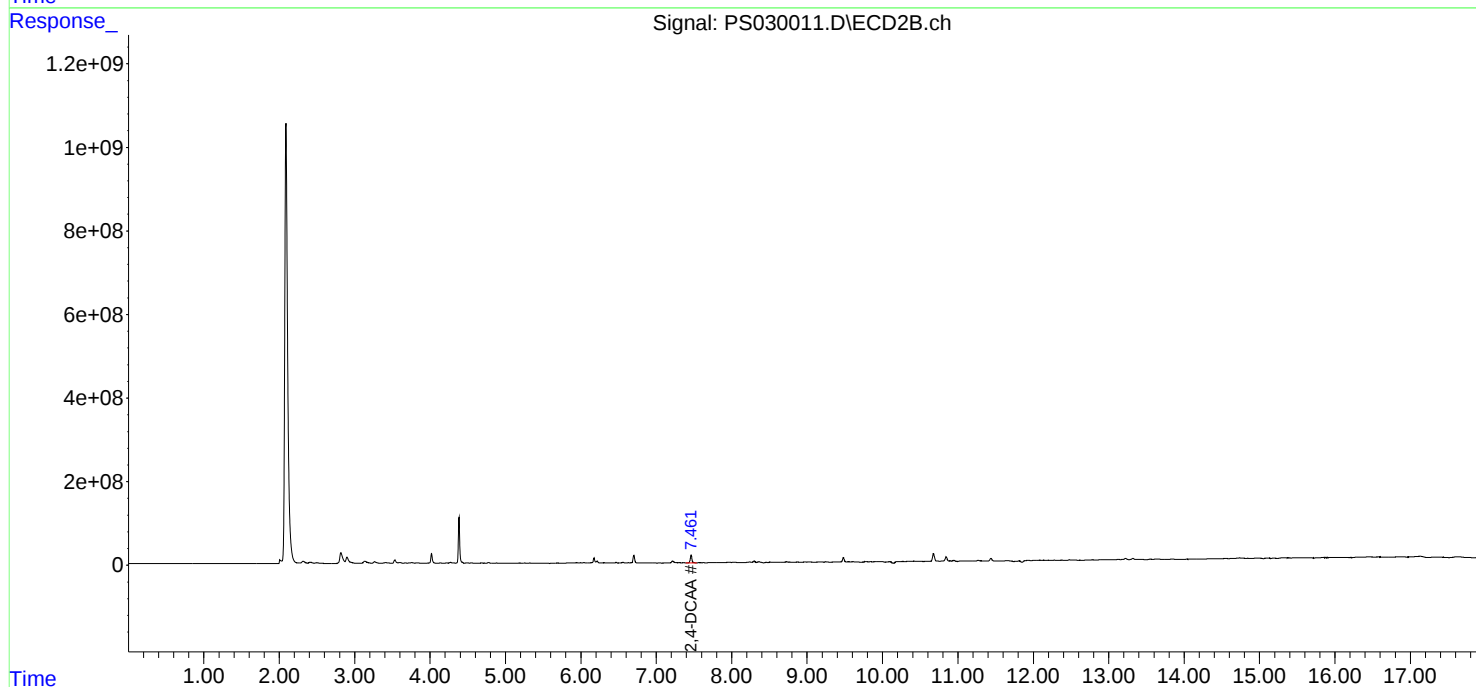
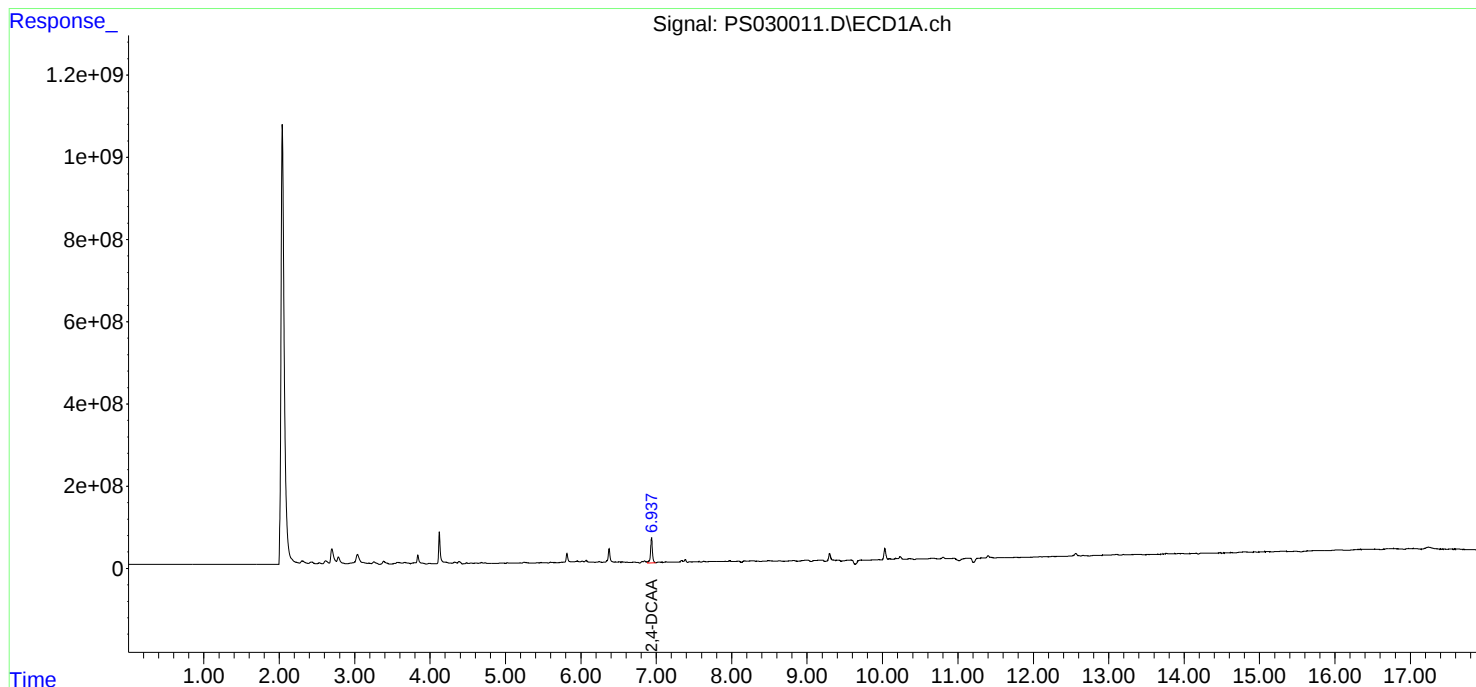
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

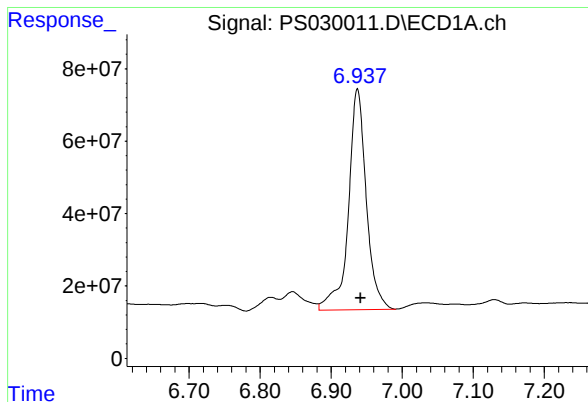
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Data File : PS030011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 11:24
Operator : AR\AJ
Sample : PB167796BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB167796BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 04:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.937 min

Delta R.T.: -0.004 min

Response: 1065684673

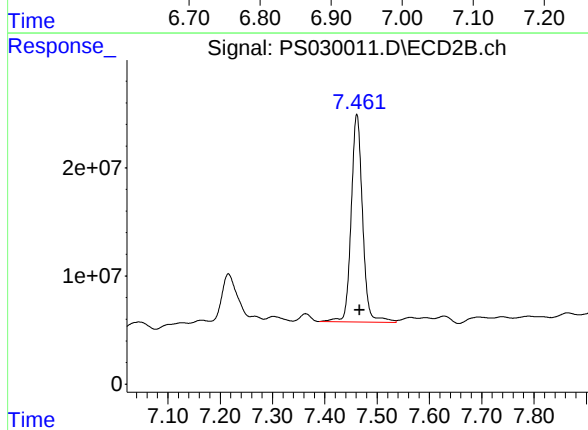
Conc: 433.02 ng/ml

Instrument :

ECD_S

ClientSampleId :

PB167796BL



#4 2,4-DCAA

R.T.: 7.461 min

Delta R.T.: -0.006 min

Response: 291024810

Conc: 413.08 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/23/25
Project:	Walsh CO-032 Sampling	Date Received:	04/23/25
Client Sample ID:	PIBLK-PS029918.D	SDG No.:	Q1907
Lab Sample ID:	I.BLK-PS029918.D	Matrix:	WATER
Analytical Method:	SW8151A	% 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
PS029918.D	1		04/23/25	PS042325

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	433		39 - 175	87%	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\PS042325\
 Data File : PS029918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 10:37
 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: Apr 23 12:58:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

4) S	2,4-DCAA	6.942	7.467	1065.1E6	304.8E6	432.760	432.665
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Target Compounds

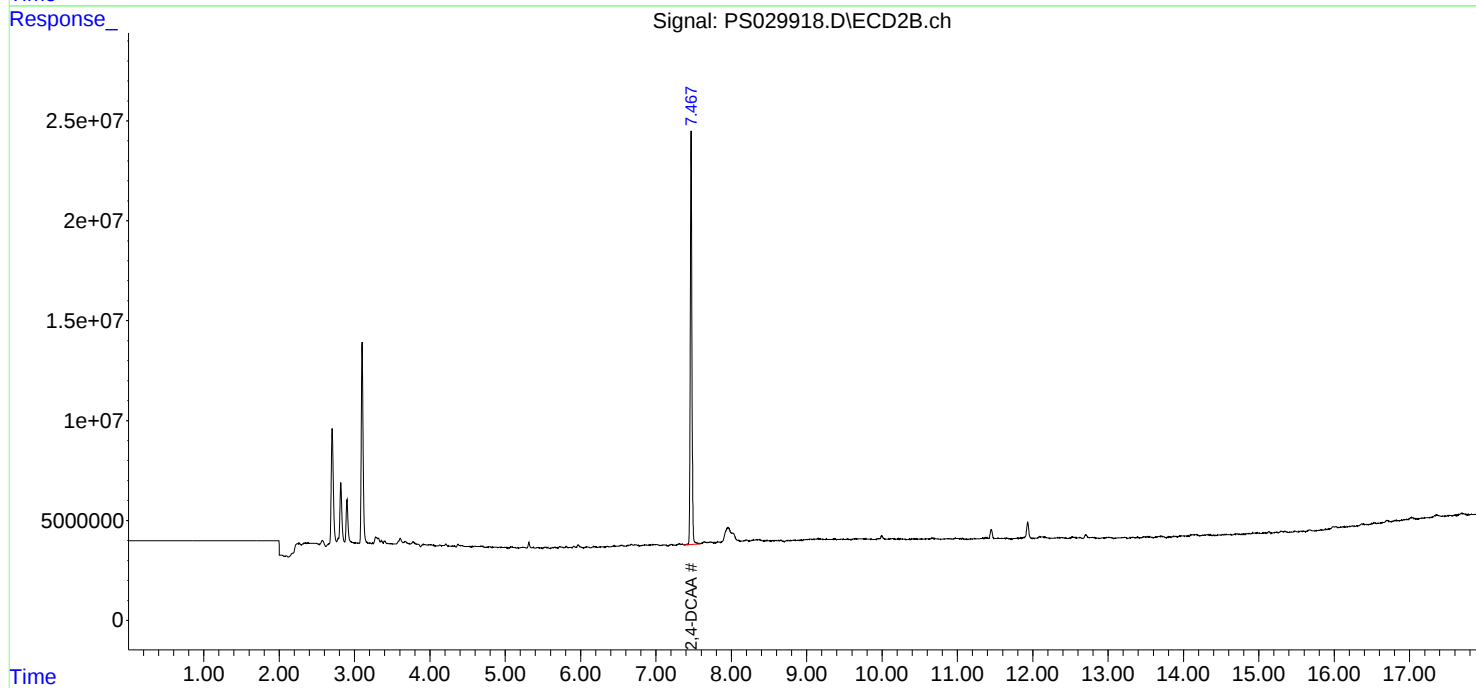
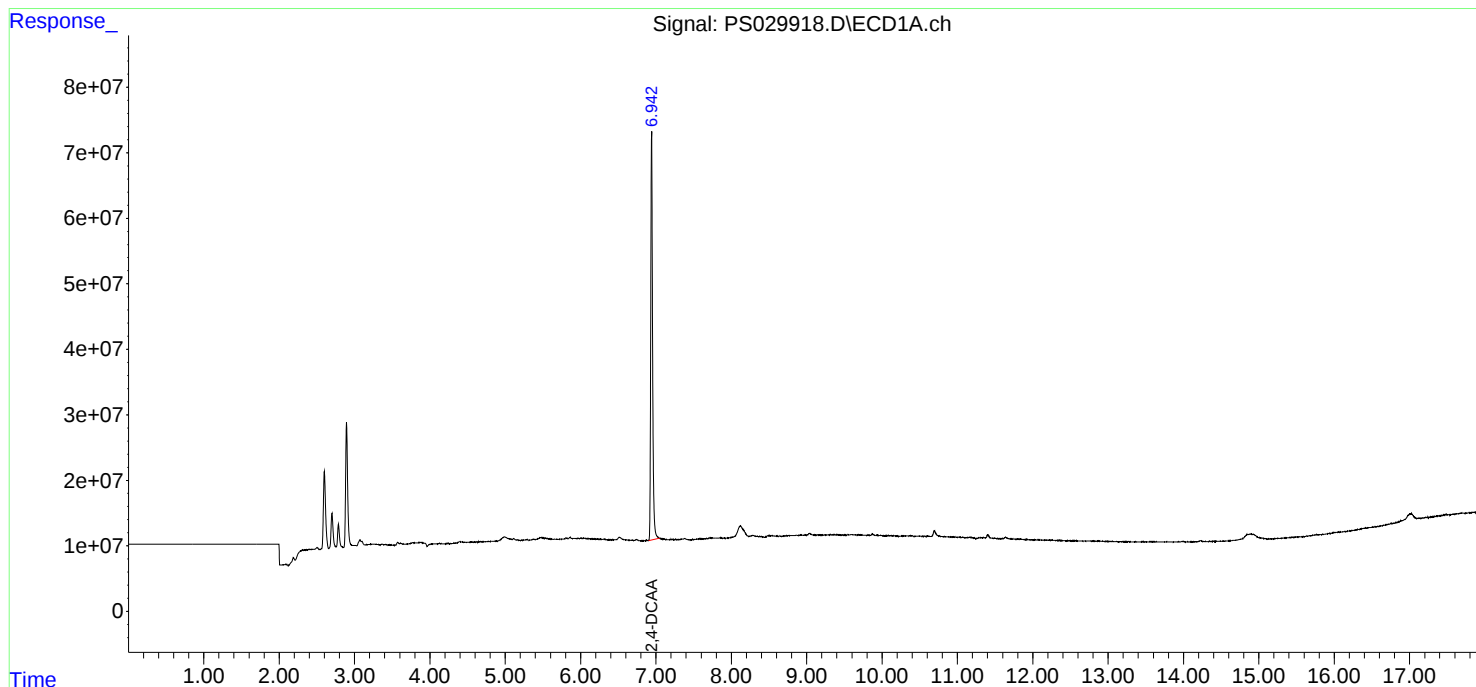
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

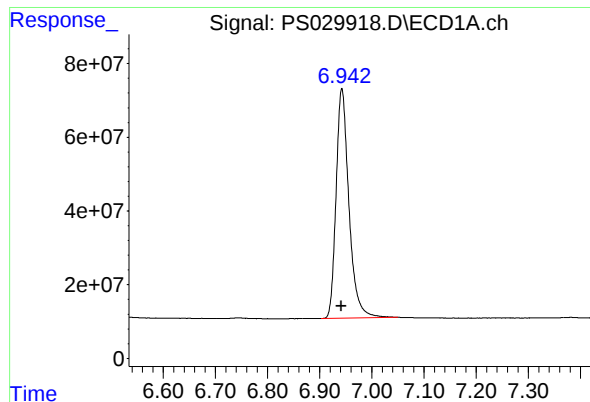
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
Data File : PS029918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 10:37
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 12:58:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.942 min

Delta R.T.: 0.001 min

Response: 1065056072

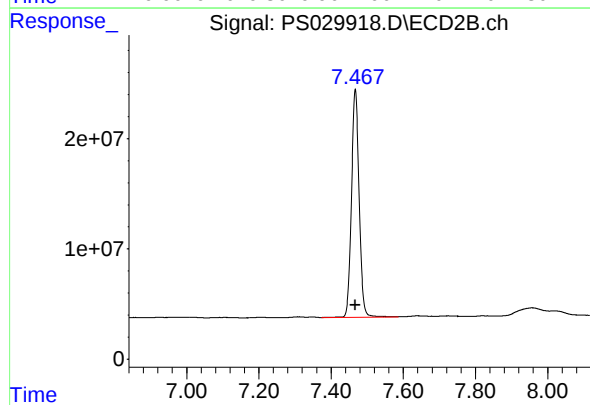
Conc: 432.76 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.467 min

Delta R.T.: 0.000 min

Response: 304820126

Conc: 432.67 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	05/01/25
Project:	Walsh CO-032 Sampling	Date Received:	05/01/25
Client Sample ID:	PIBLK-PS029990.D	SDG No.:	Q1907
Lab Sample ID:	I.BLK-PS029990.D	Matrix:	WATER
Analytical Method:	SW8151A	% 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
PS029990.D	1		05/01/25	ps043025

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	558		39 - 175	112%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS029990.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 00:58
 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 01 01:46:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

4) S	2,4-DCAA	6.939	7.463	1292.7E6	393.2E6	525.261	558.137
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Target Compounds

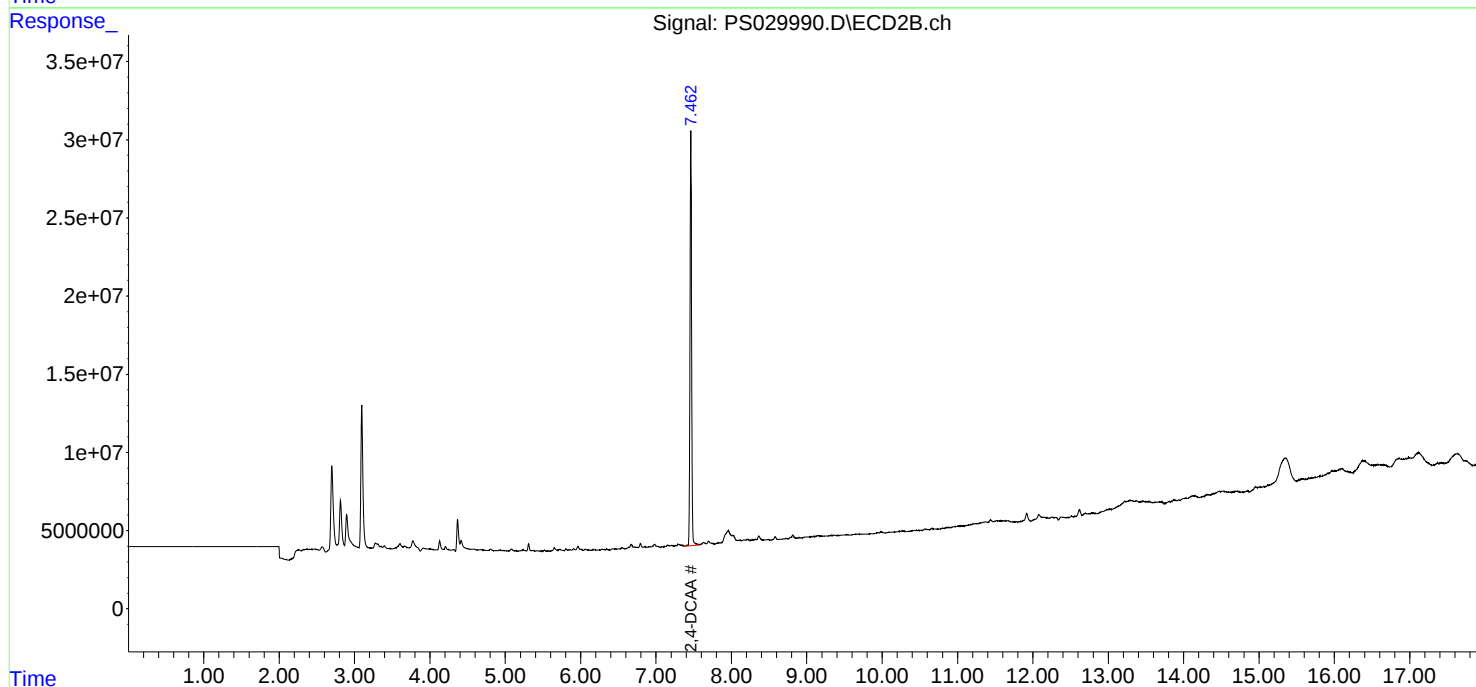
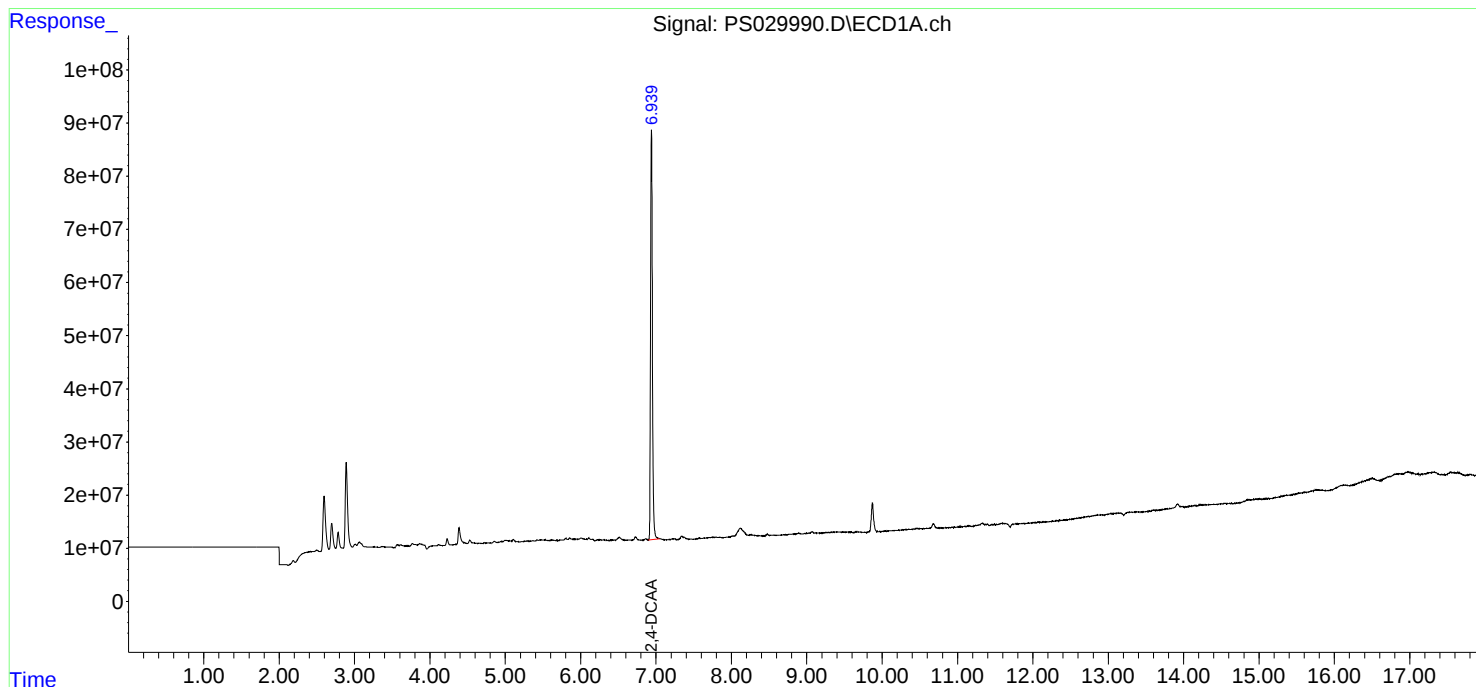
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

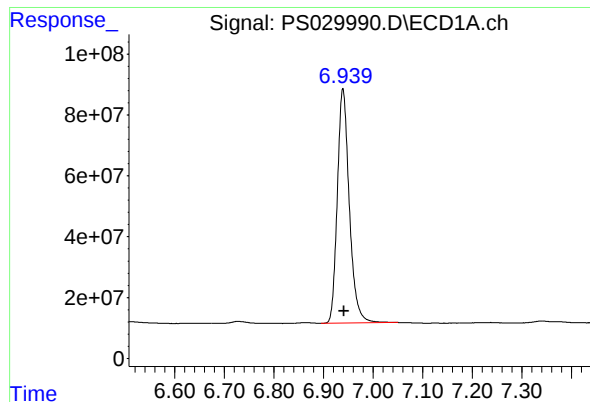
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS029990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 00:58
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

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

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





#4 2,4-DCAA

R.T.: 6.939 min

Delta R.T.: -0.002 min

Response: 1292708429

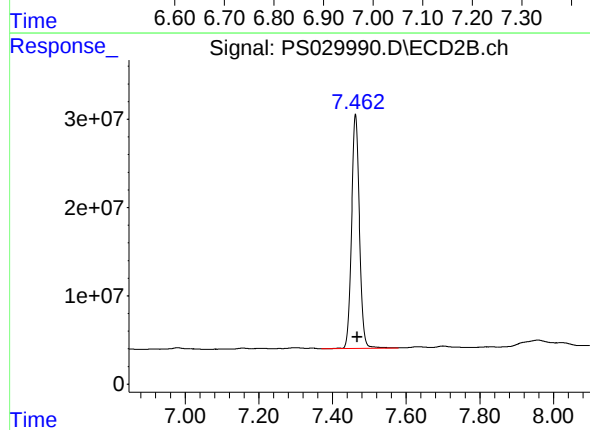
Conc: 525.26 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.463 min

Delta R.T.: -0.005 min

Response: 393217170

Conc: 558.14 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	05/01/25
Project:	Walsh CO-032 Sampling	Date Received:	05/01/25
Client Sample ID:	PIBLK-PS030001.D	SDG No.:	Q1907
Lab Sample ID:	I.BLK-PS030001.D	Matrix:	WATER
Analytical Method:	SW8151A	% 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
PS030001.D	1		05/01/25	ps043025

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	565		39 - 175	113%	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\PS043025\
 Data File : PS030001.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 06:10
 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 01 06:43:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.938	7.462	1273.6E6	398.3E6	517.514	565.310

Target Compounds

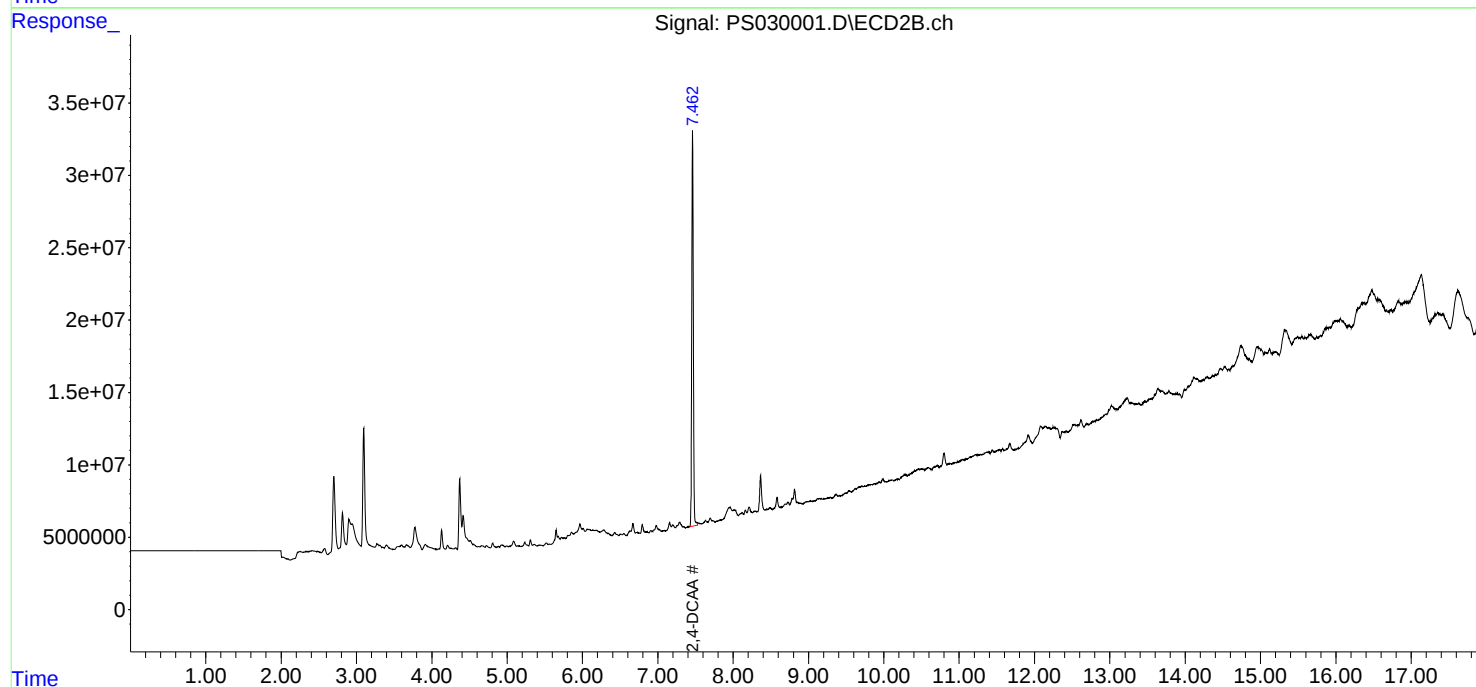
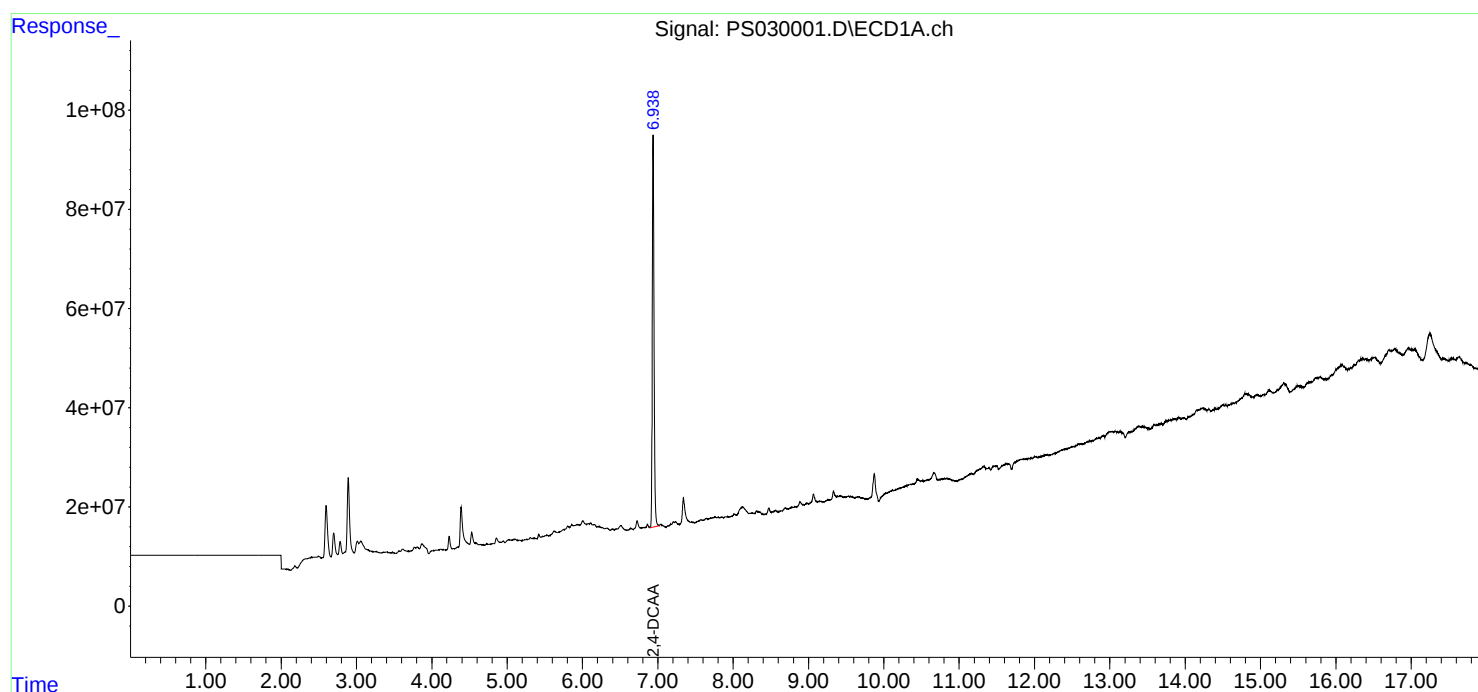
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

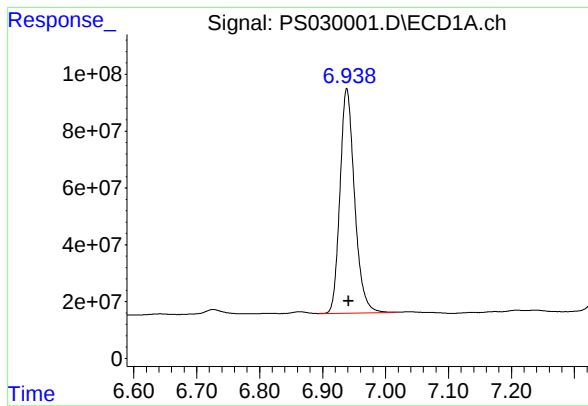
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS030001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 06:10
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 06:43:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.938 min

Delta R.T.: -0.003 min

Response: 1273643413

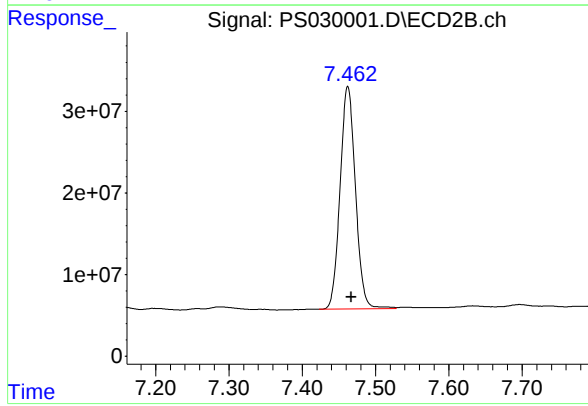
Conc: 517.51 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.462 min

Delta R.T.: -0.005 min

Response: 398270175

Conc: 565.31 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	05/01/25
Project:	Walsh CO-032 Sampling	Date Received:	05/01/25
Client Sample ID:	PIBLK-PS030012.D	SDG No.:	Q1907
Lab Sample ID:	I.BLK-PS030012.D	Matrix:	WATER
Analytical Method:	SW8151A	% 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
PS030012.D	1		05/01/25	ps043025

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	588		39 - 175	118%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
 Data File : PS030012.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 11:48
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 04:56:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.938	7.462	1355.2E6	414.2E6	550.671	587.866

Target Compounds

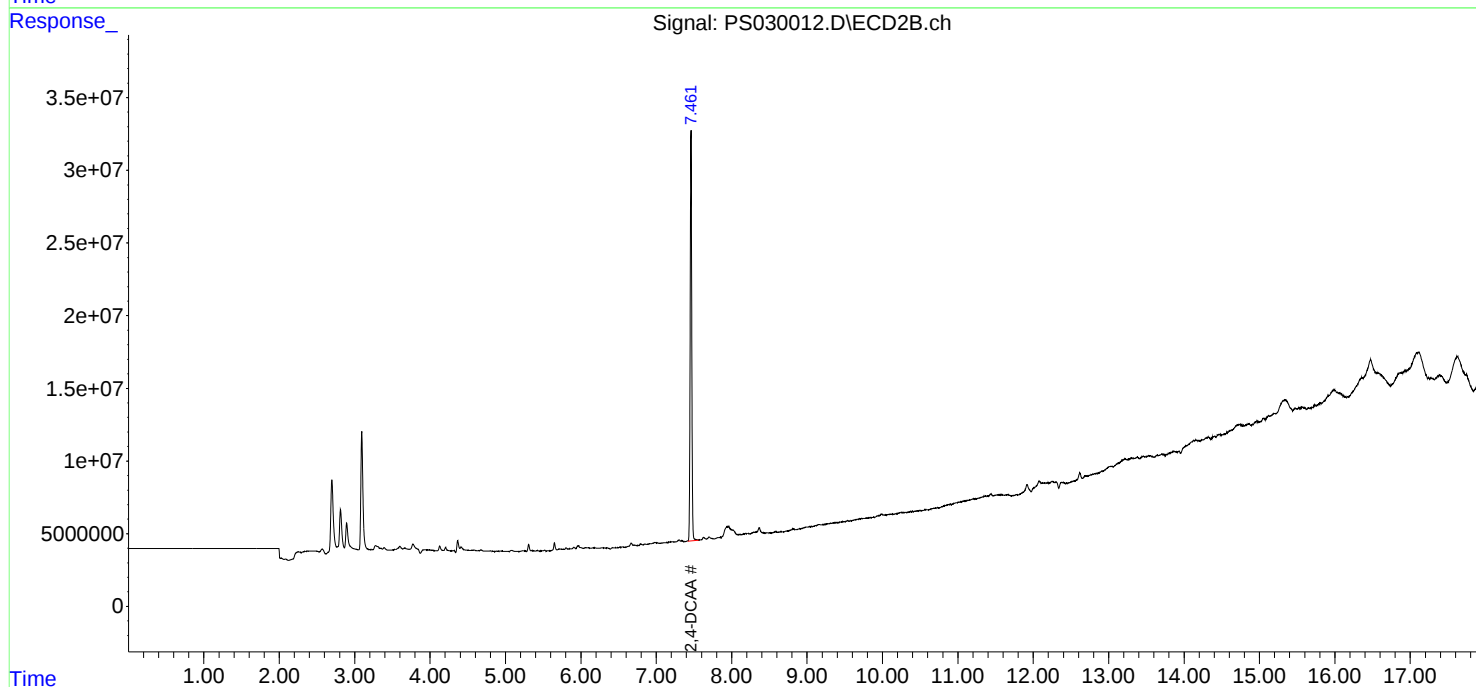
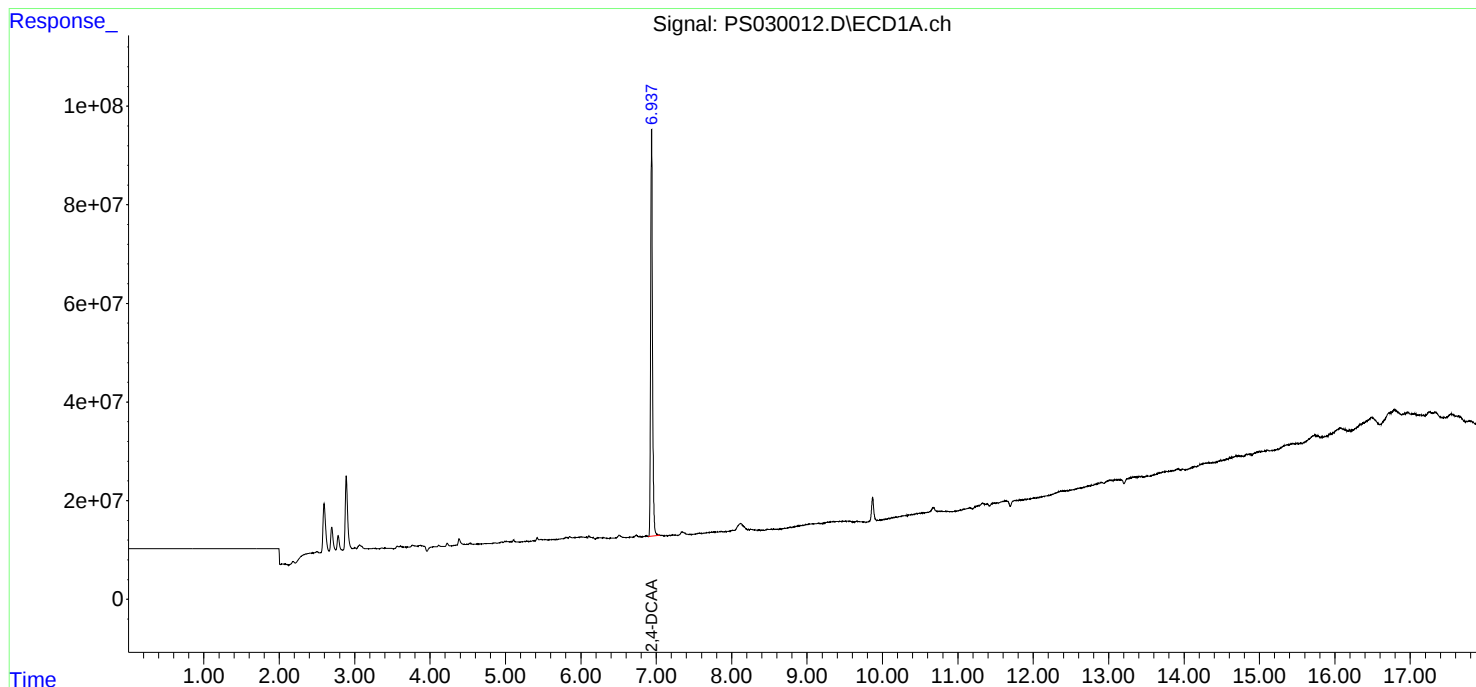
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

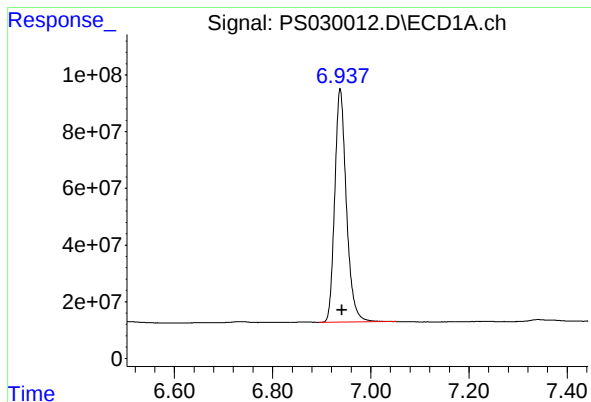
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS030012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 11:48
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 04:56:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.938 min

Delta R.T.: -0.004 min

Response: 1355245620

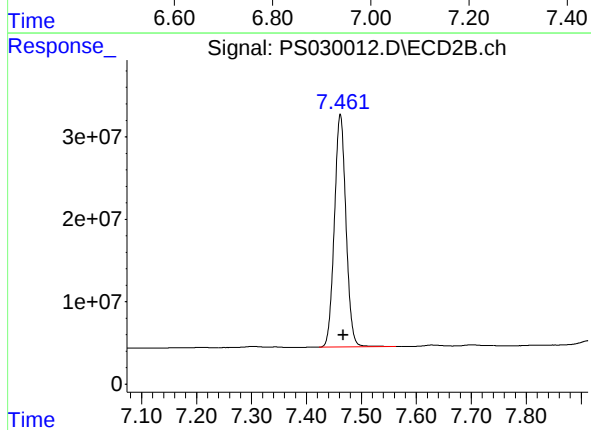
Conc: 550.67 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.462 min

Delta R.T.: -0.005 min

Response: 414161543

Conc: 587.87 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	05/05/25
Project:	Walsh CO-032 Sampling	Date Received:	05/05/25
Client Sample ID:	PIBLK-PS030028.D	SDG No.:	Q1907
Lab Sample ID:	I.BLK-PS030028.D	Matrix:	WATER
Analytical Method:	SW8151A	% 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
PS030028.D	1		05/05/25	ps050525

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	553		39 - 175	111%	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\PS050525\
Data File : PS030028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 08:38
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 12:28:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.938	7.461	1305.4E6	389.9E6	530.428	553.396

Target Compounds

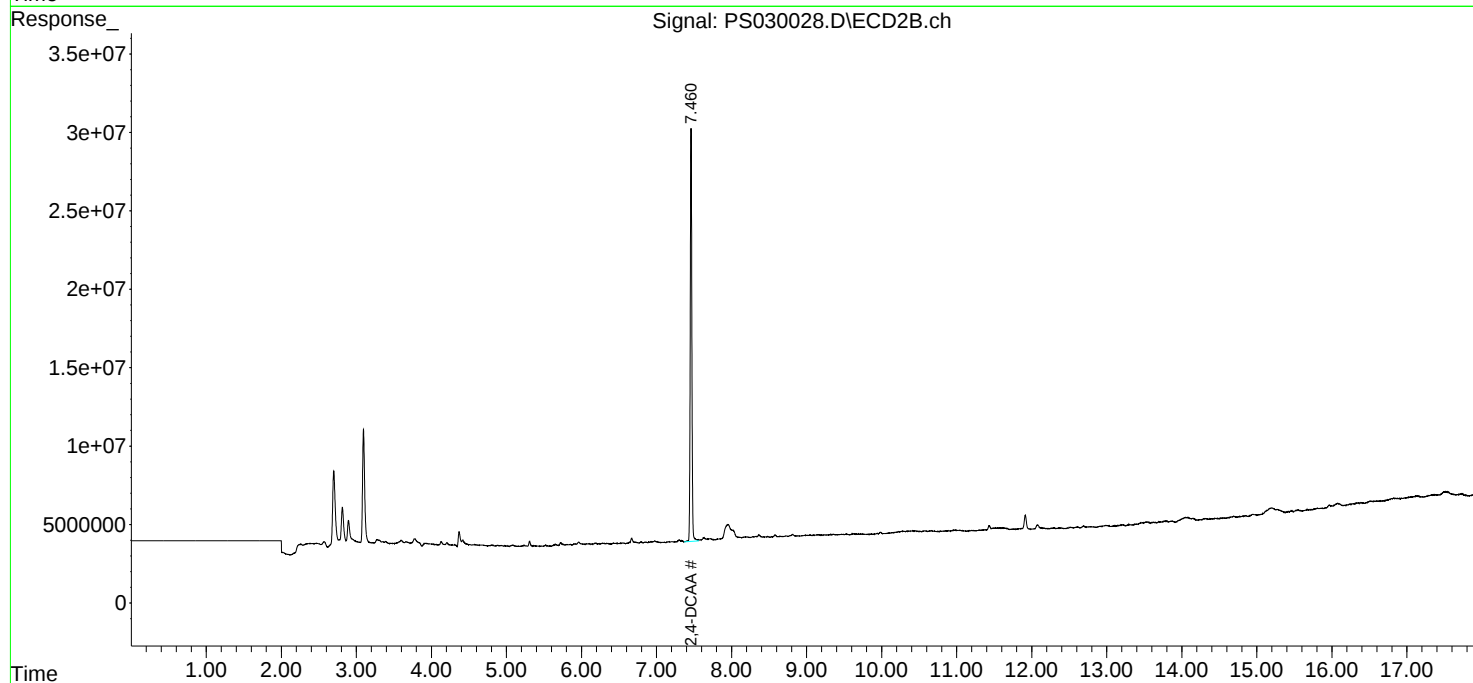
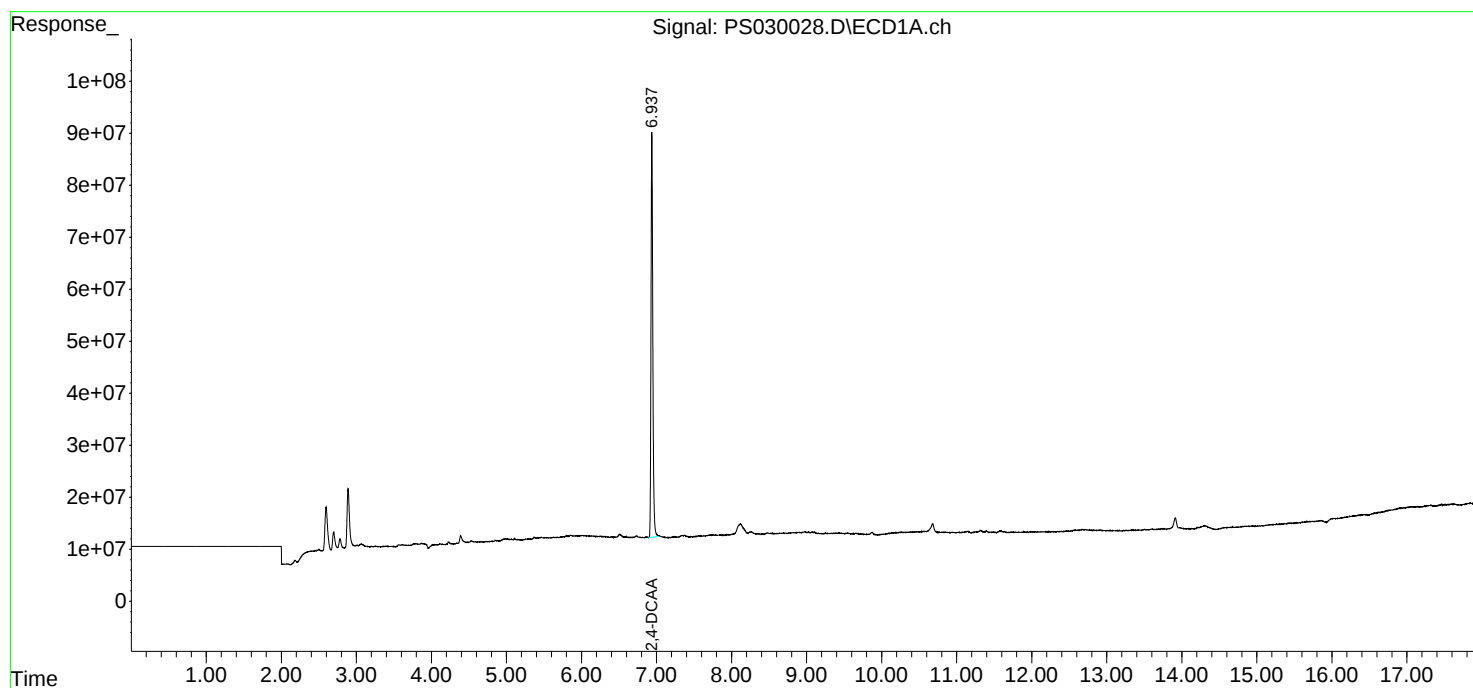
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

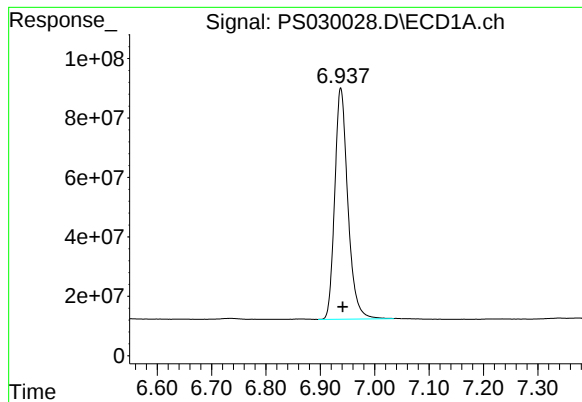
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
Data File : PS030028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 08:38
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 12:28:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.938 min

Delta R.T.: -0.004 min

Response: 1305426093

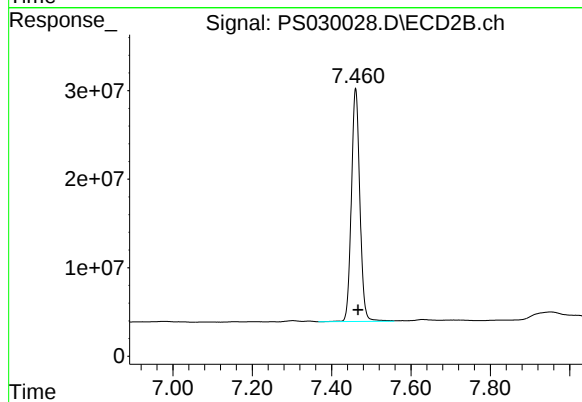
Conc: 530.43 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.461 min

Delta R.T.: -0.006 min

Response: 389876808

Conc: 553.40 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	05/05/25
Project:	Walsh CO-032 Sampling	Date Received:	05/05/25
Client Sample ID:	PIBLK-PS030040.D	SDG No.:	Q1907
Lab Sample ID:	I.BLK-PS030040.D	Matrix:	WATER
Analytical Method:	SW8151A	% 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
PS030040.D	1		05/05/25	ps050525

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	552		39 - 175	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\PS050525\
Data File : PS030040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:35
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 06 01:39:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.938	7.461	1302.1E6	389.2E6	529.085	552.472

Target Compounds

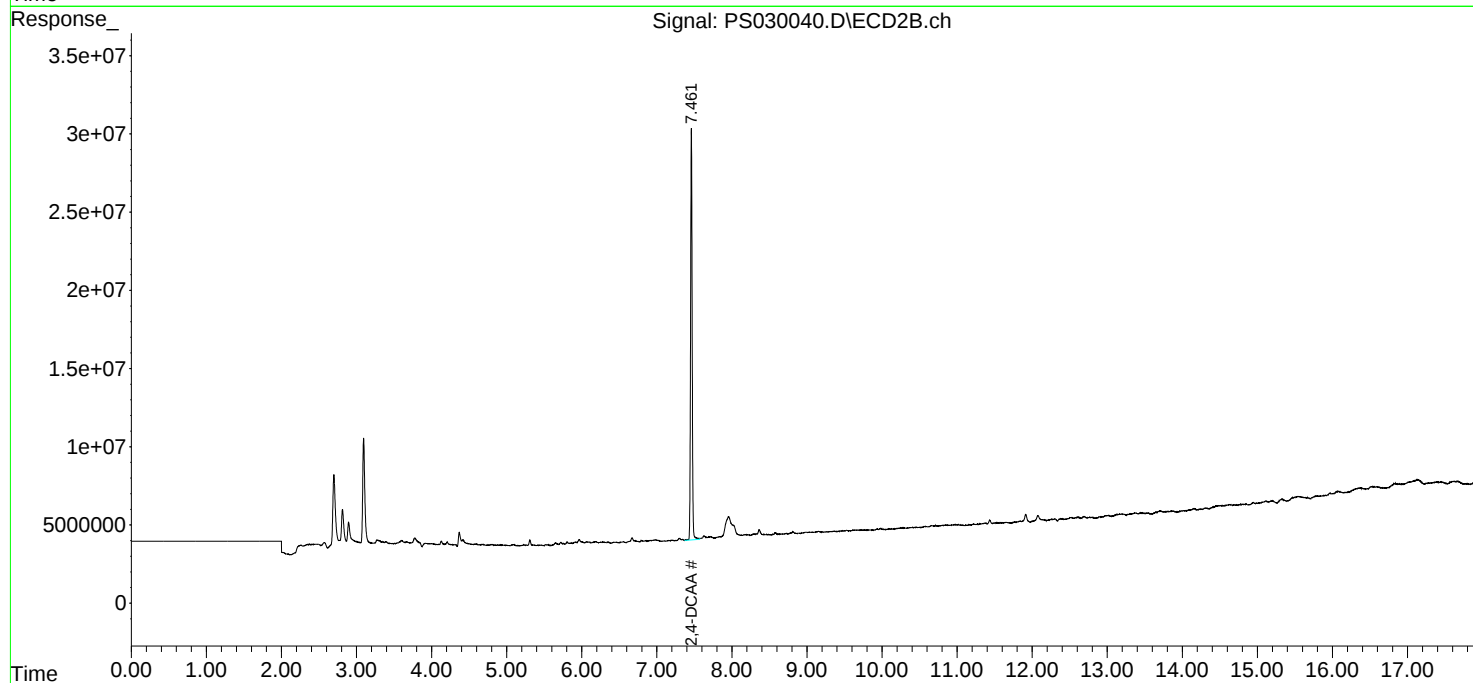
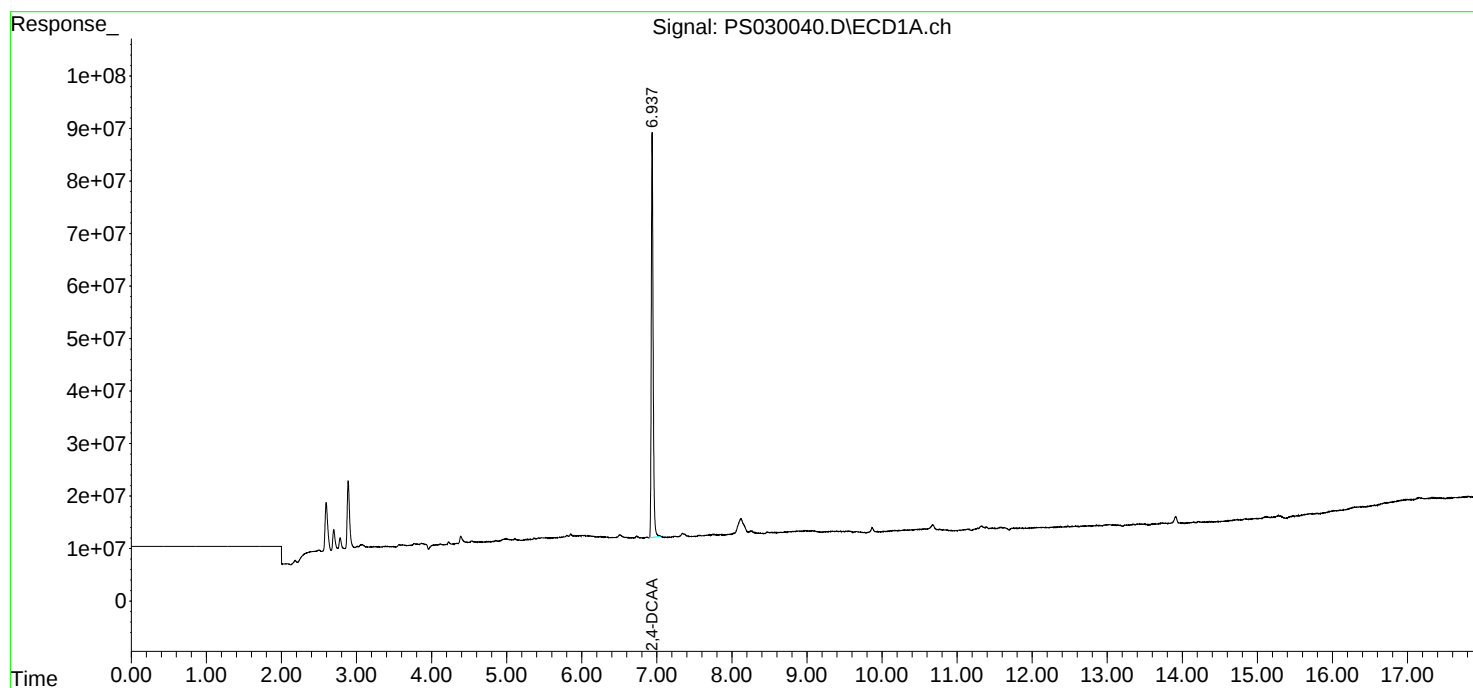
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

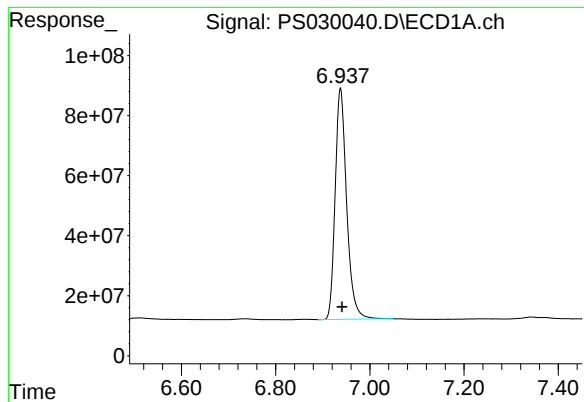
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
Data File : PS030040.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 14:35
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:39:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





#4 2,4-DCAA

R.T.: 6.938 min

Delta R.T.: -0.004 min

Response: 1302120132

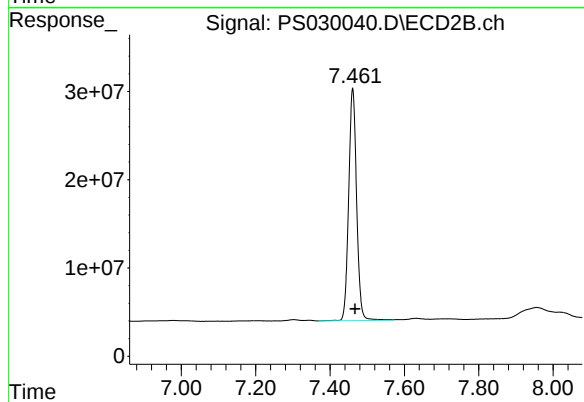
Conc: 529.09 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.461 min

Delta R.T.: -0.006 min

Response: 389225615

Conc: 552.47 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167796BS	SDG No.:	Q1907
Lab Sample ID:	PB167796BS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 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
PS029993.D	1	04/30/25 08:50	05/01/25 02:10	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	202		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	199		12.8	67.0	ug/Kg
94-75-7	2,4-D	199		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	206		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	203		8.70	67.0	ug/Kg
94-82-6	2,4-DB	199		24.2	67.0	ug/Kg
88-85-7	DINOSEB	199		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	636		10 - 141	127%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167796BS	SDG No.:	Q1907
Lab Sample ID:	PB167796BS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 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
PS030038.D	1	04/30/25 08:50	05/05/25 13:47	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	172		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	172		12.8	67.0	ug/Kg
94-75-7	2,4-D	170		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	175		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	173		8.70	67.0	ug/Kg
94-82-6	2,4-DB	172		24.2	67.0	ug/Kg
88-85-7	DINOSEB	170		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	540		10 - 141	108%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
 Data File : PS030038.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 13:47
 Operator : AR\AJ
 Sample : PB167796BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167796BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:38:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.937	7.461	1303.7E6	380.1E6	529.742	539.538
Target Compounds							
1) T	Dalapon	2.449	2.523	2026.9E6	836.0E6	494.933	481.542
2) T	3,5-DICHL...	6.142	6.459	1748.8E6	487.0E6	489.353	498.167
3) T	4-Nitroph...	6.728	6.996	852.1E6	376.7E6	477.797	491.891
5) T	DICAMBA	7.114	7.647	4939.4E6	2039.7E6	498.784	516.364
6) T	MCPD	7.292	7.753	295.3E6	80604259	45.824	46.087
7) T	MCPA	7.434	7.983	412.6E6	112.5E6	46.719	47.564
8) T	DICHLORPROP	7.794	8.340	1243.9E6	517.9E6	490.874	515.829
9) T	2,4-D	8.014	8.653	1407.4E6	573.8E6	500.356	509.096
10) T	Pentachlo...	8.292	9.154	18046.0E6	10930.7E6	517.300	537.274
11) T	2,4,5-TP ...	8.856	9.532	7064.9E6	4305.5E6	509.626	526.230
12) T	2,4,5-T	9.138	9.936	7219.0E6	4034.3E6	513.694	519.714
13) T	2,4-DB	9.697	10.495	1180.4E6	404.5E6	516.485	502.607
14) T	DINOSEB	10.859	10.868	5116.9E6	2968.0E6	502.969	509.004
15) T	Picloram	10.678	11.903	9032.0E6	6199.1E6	492.728	504.661m
16) T	DCPA	11.160	11.902	8804.0E6	5502.2E6	517.242	488.145m

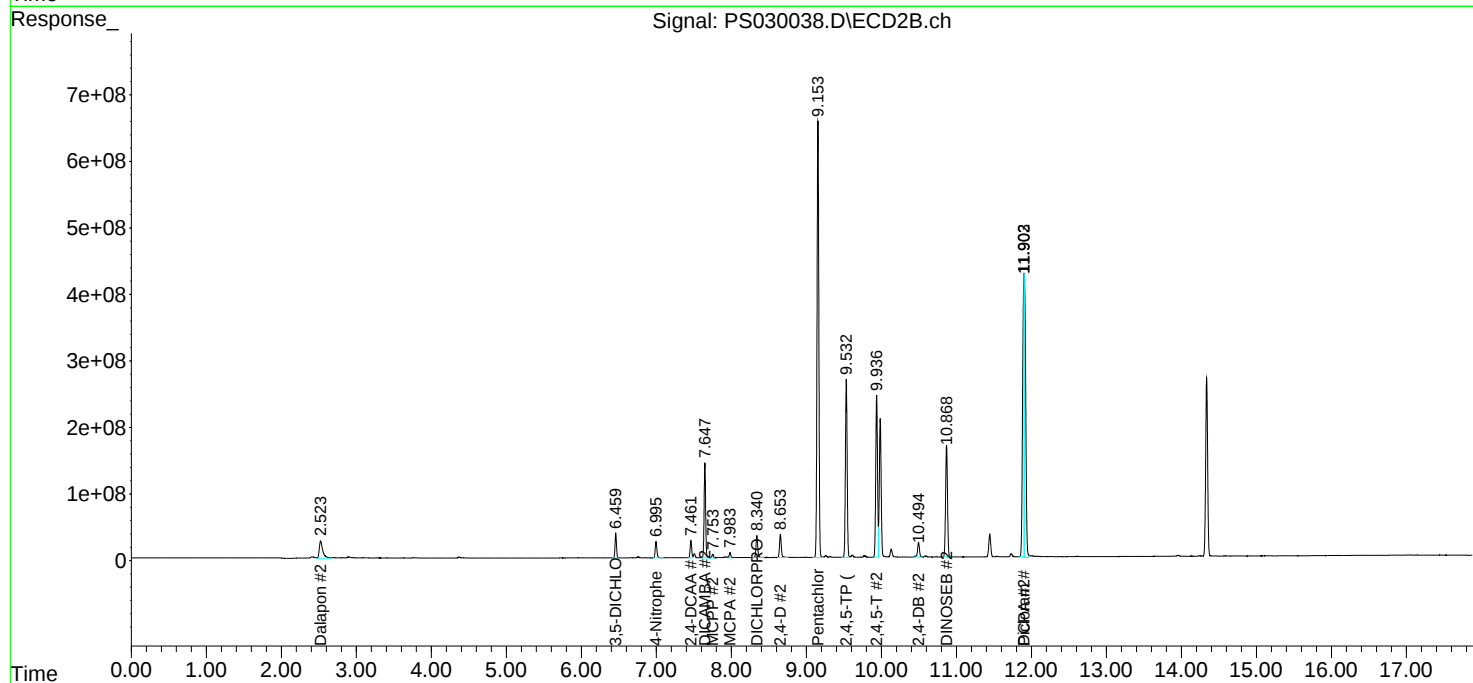
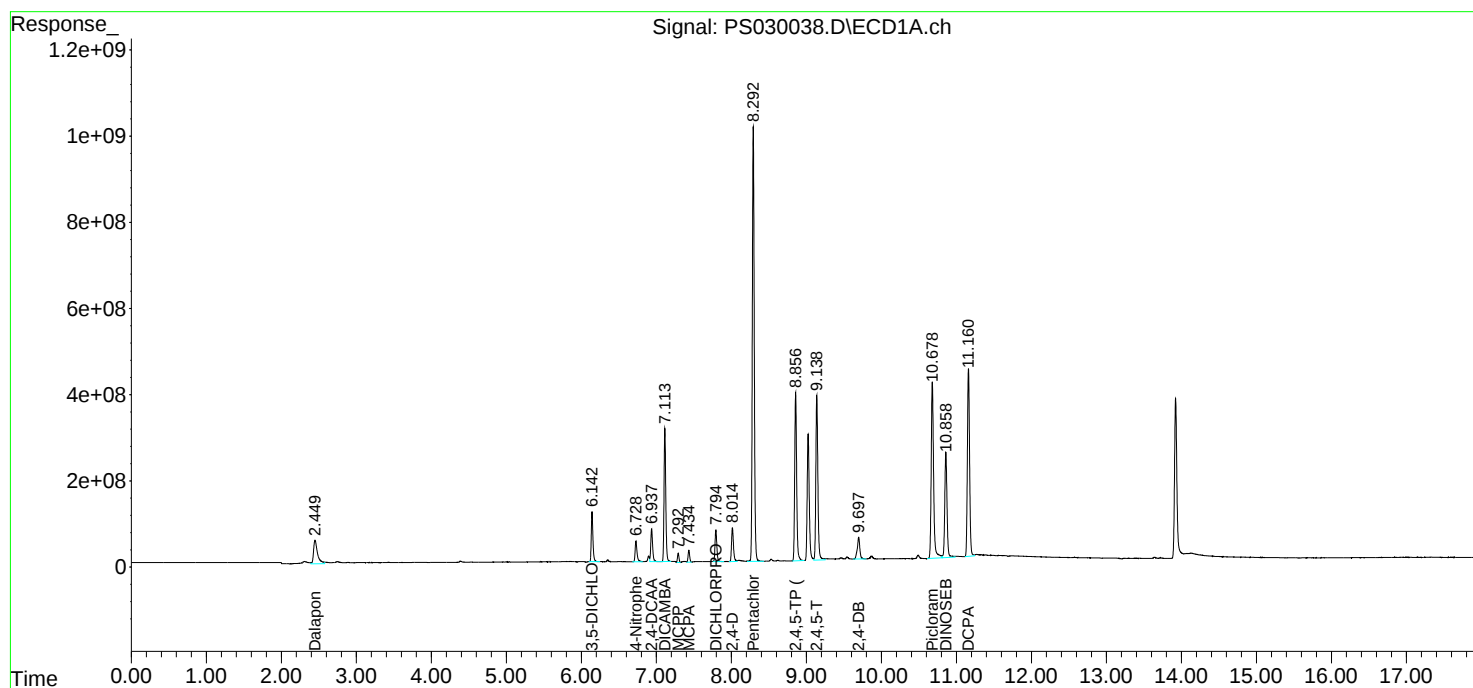
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050525\
Data File : PS030038.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 13:47
Operator : AR\AJ
Sample : PB167796BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB167796BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:38:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	WC-5MS	SDG No.:	Q1907
Lab Sample ID:	Q1906-05MS	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	83.5
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029999.D	1	04/30/25 08:50	05/01/25 04:34	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	131		9.30	80.1	ug/Kg
120-36-5	DICHLORPROP	135	P	15.3	80.1	ug/Kg
94-75-7	2,4-D	165		10.8	80.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	96.8		10.8	80.1	ug/Kg
93-76-5	2,4,5-T	111		10.4	80.1	ug/Kg
94-82-6	2,4-DB	81.8		28.9	80.1	ug/Kg
88-85-7	DINOSEB	12.9	U	12.9	80.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	1520	*	10 - 141	303%	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\PS043025\
 Data File : PS029999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 04:34
 Operator : AR\AJ
 Sample : Q1906-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WC-5MS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 04:56:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.919	7.462	2352.7E6	1067.4E6	955.960	1515.125 #
Target Compounds						
1) T Dalapon	2.442	2.515	2778.7E6	1703.5E6	678.528	981.208 #
2) T 3,5-DICHL...	6.142	6.459	1089.2E6	276.7E6	304.768m	283.063
3) T 4-Nitroph...	6.705f	6.964f	108.8E6	80838331	60.990	105.544m#
5) T DICAMBA	7.115	7.647	3104.5E6	1301.2E6	313.498m	329.411
6) T MCPP	7.292	7.739f	169.1E6	167.6E6	26.245	95.838 #
7) T MCPA	7.434	7.981	275.9E6	85484678	31.237	36.133
8) T DICHLORPROP	7.796	8.341	648.1E6	340.2E6	255.749m	338.858 #
9) T 2,4-D	8.015	8.654	1168.3E6	453.2E6	415.356	402.054
10) T Pentachlo...	8.293	9.155	5741.5E6	3568.2E6	164.582m	175.388
11) T 2,4,5-TP ...	8.857	9.533	2807.2E6	1987.5E6	202.496m	242.916m
12) T 2,4,5-T	9.140	9.938	3632.2E6	2158.8E6	258.462	278.109
13) T 2,4-DB	9.700	10.494	469.1E6	163.6E6	205.243m	203.327m
15) T Picloram	10.680	11.903	5787.6E6	4817.9E6	315.734	392.218m
16) T DCPA	11.162	11.901	6627.9E6	4674.0E6	389.398m	414.671m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS029999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 04:34
Operator : AR\AJ
Sample : Q1906-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

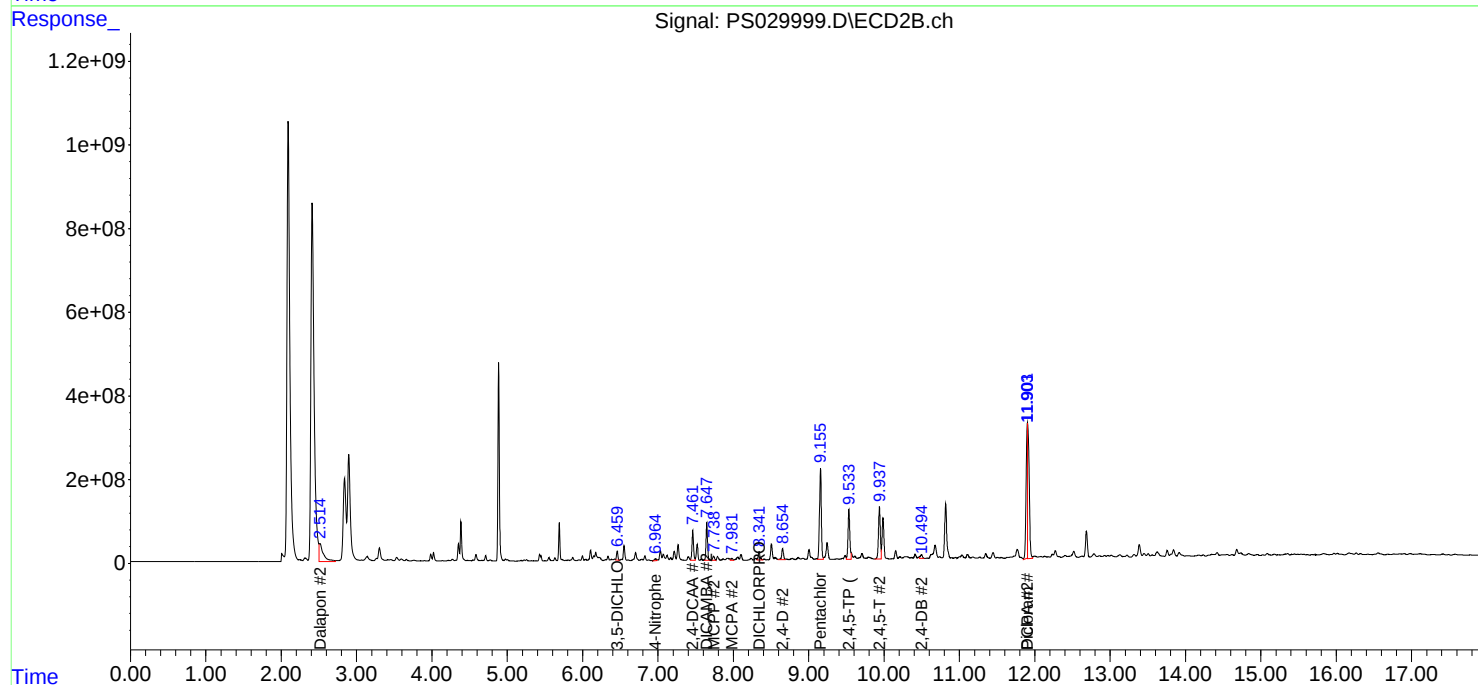
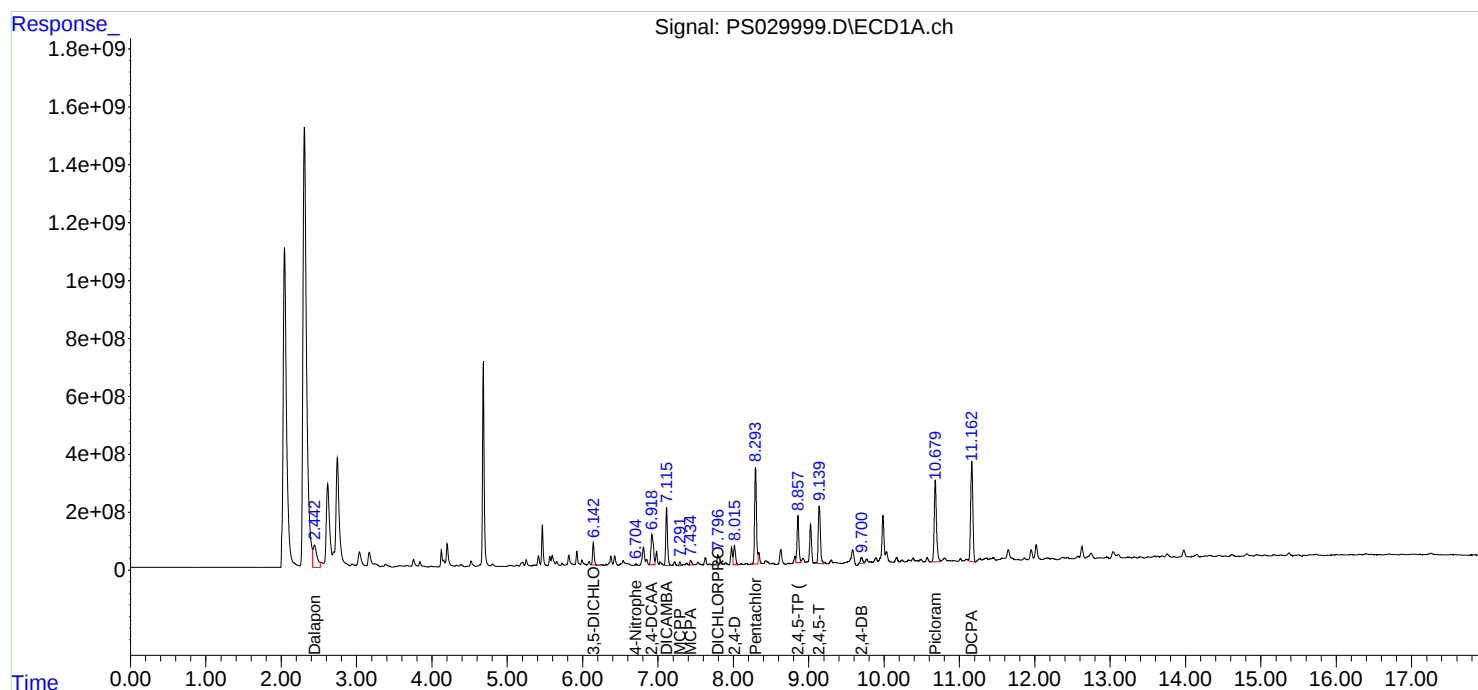
Instrument :
ECD_S
ClientSampleId :
WC-5MS

Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/01/2025
Supervised By : mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:56:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/28/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	WC-5MSD	SDG No.:	Q1907
Lab Sample ID:	Q1906-05MSD	Matrix:	SOIL
Analytical Method:	SW8151A	% Solid:	83.5
Sample Wt/Vol:	30.04	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
PS030000.D	1	04/30/25 08:50	05/01/25 04:58	PB167796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	133		9.30	80.1	ug/Kg
120-36-5	DICHLORPROP	137	P	15.3	80.1	ug/Kg
94-75-7	2,4-D	168		10.8	80.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	100		10.8	80.1	ug/Kg
93-76-5	2,4,5-T	113		10.4	80.1	ug/Kg
94-82-6	2,4-DB	84.5		28.9	80.1	ug/Kg
88-85-7	DINOSEB	12.9	U	12.9	80.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	1540	*	10 - 141	308%	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\PS043025\
 Data File : PS030000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 2025 04:58
 Operator : AR\AJ
 Sample : Q1906-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WC-5MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 05:15:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.919	7.462	2383.8E6	1086.7E6	968.580	1542.476 #
Target Compounds						
1) T Dalapon	2.443	2.516	2684.7E6	1670.2E6	655.570	962.008 #
2) T 3,5-DICHL...	6.142	6.459	1091.5E6	282.0E6	305.432m	288.501
3) T 4-Nitroph...	6.705f	6.965f	111.4E6	93163381	62.467	121.636m#
5) T DICAMBA	7.114	7.648	3137.2E6	1321.2E6	316.802m	334.474
6) T MCPP	7.292	7.738f	166.7E6	168.2E6	25.863	96.144 #
7) T MCPA	7.434	7.982	275.0E6	84049137	31.136	35.527
8) T DICHLORPROP	7.795	8.341	637.3E6	345.5E6	251.505m	344.094 #
9) T 2,4-D	8.015	8.654	1183.7E6	461.4E6	420.814	409.339
10) T Pentachlo...	8.293	9.155	5829.4E6	3626.2E6	167.103	178.239
11) T 2,4,5-TP ...	8.857	9.533	2881.3E6	2060.0E6	207.846m	251.776m
12) T 2,4,5-T	9.140	9.937	3680.4E6	2208.5E6	261.892	284.499
13) T 2,4-DB	9.700	10.493	414.0E6	170.6E6	181.138m	212.019m
15) T Picloram	10.679	11.904	5832.1E6	4481.7E6	318.161	364.849m
16) T DCPA	11.162	11.900	6578.7E6	3900.7E6	386.502	346.066m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS043025\
Data File : PS030000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 04:58
Operator : AR\AJ
Sample : Q1906-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

WC-5MSD

Manual Integrations

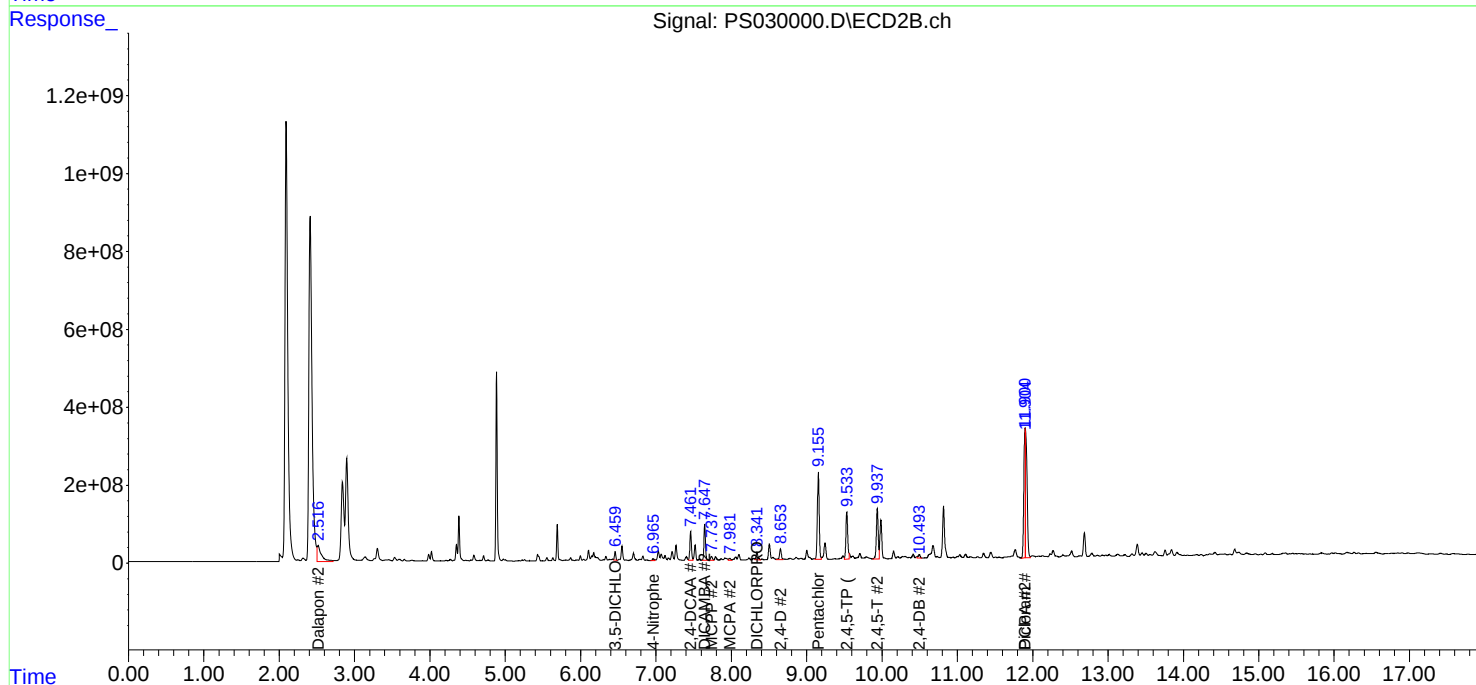
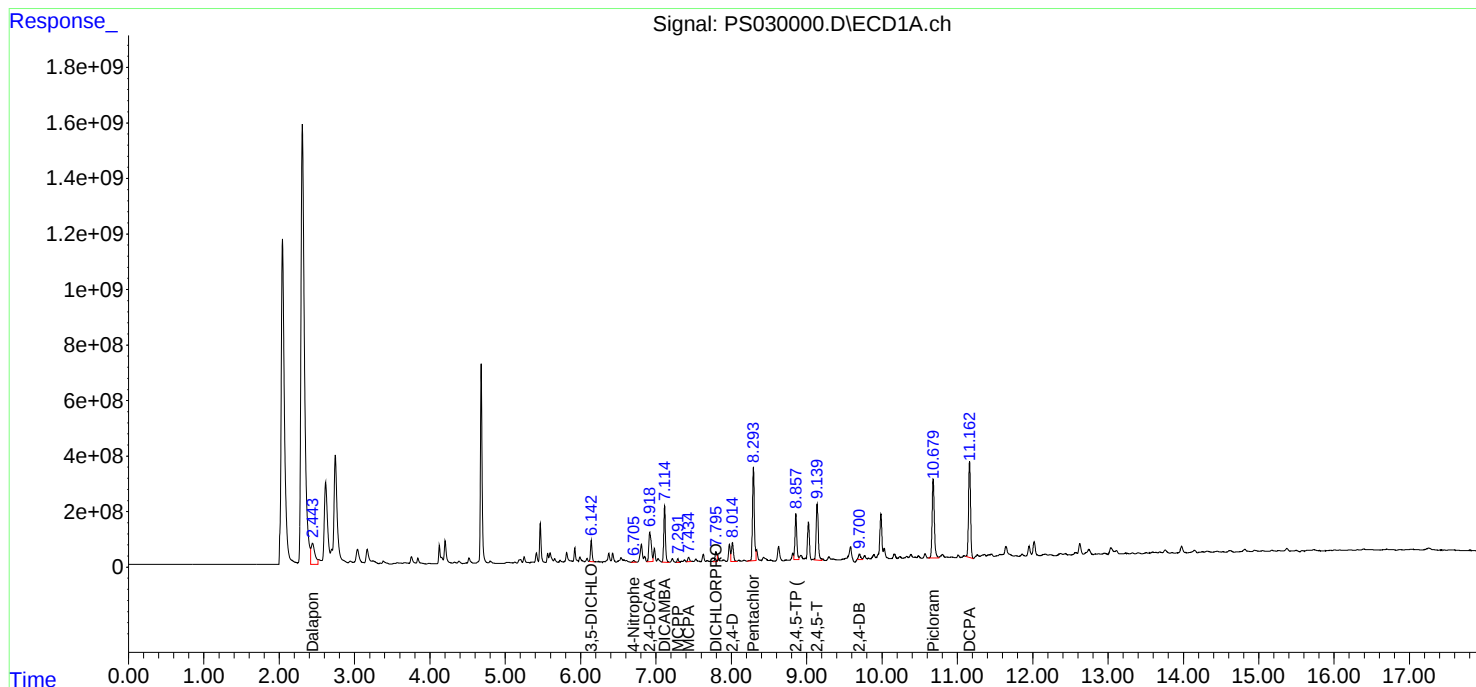
APPROVED

Reviewed By :Abdul Mirza 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 05:15:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

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

Manual Integration Report

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

Manual Integration Report

Sequence:	ps043025	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS029991.D	DCPA #2	Abdul	5/1/2025 8:10:54 AM	mohammad	5/2/2025 3:20:13	Peak Integrated by Software
HSTDCCC750	PS029991.D	Picloram #2	Abdul	5/1/2025 8:10:54 AM	mohammad	5/2/2025 3:20:13	Peak Integrated by Software
Q1906-05MS	PS029999.D	2,4,5-TP (SILVEX)	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	2,4,5-TP (SILVEX) #2	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	2,4-DB	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	2,4-DB #2	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	3,5-DICHLOROBENZOI C ACID	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	4-Nitrophenol #2	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	DCPA	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	DCPA #2	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	DICAMBA	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	DICHLORPROP	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MS	PS029999.D	Pentachlorophenol	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software

Manual Integration Report

Sequence:	ps043025	Instrument	ECD_s
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1906-05MS	PS029999.D	Picloram #2	Abdul	5/1/2025 8:11:19 AM	mohammad	5/2/2025 3:20:33	Peak Integrated by Software
Q1906-05MSD	PS030000.D	2,4,5-TP (SILVEX)	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	2,4,5-TP (SILVEX) #2	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	2,4-DB	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	2,4-DB #2	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	3,5-DICHLOROBENZOI C ACID	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	4-Nitrophenol #2	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	DCPA #2	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	DICAMBA	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	DICHLORPROP	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
Q1906-05MSD	PS030000.D	Picloram #2	Abdul	5/1/2025 8:11:24 AM	mohammad	5/2/2025 3:20:35	Peak Integrated by Software
HSTDCCC750	PS030002.D	DCPA #2	Abdul	5/1/2025 8:11:29 AM	mohammad	5/2/2025 3:20:38	Peak Integrated by Software
HSTDCCC750	PS030002.D	Picloram #2	Abdul	5/1/2025 8:11:29 AM	mohammad	5/2/2025 3:20:38	Peak Integrated by Software

Manual Integration Report

Sequence:

ps043025

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1907-01	PS030005.D	2,4-DCAA	Abdul	5/1/2025 1:10:57 PM	mohammad	5/2/2025 3:20:42	Peak Integrated by Software
HSTDCCC750	PS030013.D	DCPA #2	Abdul	5/2/2025 8:26:37 AM	mohammad	5/5/2025 4:31:22	Peak Integrated by Software
HSTDCCC750	PS030013.D	Picloram #2	Abdul	5/2/2025 8:26:37 AM	mohammad	5/5/2025 4:31:22	Peak Integrated by Software

Manual Integration Report

Sequence:

PS050525

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
HSTDCCC750	PS030029.D	DCPA #2	Abdul	5/6/2025 8:15:03 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030029.D	Picloram #2	Abdul	5/6/2025 8:15:03 AM	 	 	Peak Integrated by Software
PB167796BS	PS030038.D	DCPA #2	Abdul	5/6/2025 8:15:22 AM	 	 	Peak Integrated by Software
PB167796BS	PS030038.D	Picloram #2	Abdul	5/6/2025 8:15:22 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030041.D	4-Nitrophenol #2	Abdul	5/6/2025 8:15:27 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030041.D	DCPA #2	Abdul	5/6/2025 8:15:27 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030041.D	Picloram #2	Abdul	5/6/2025 8:15:27 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030049.D	DCPA #2	Abdul	5/6/2025 8:15:36 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030049.D	Picloram #2	Abdul	5/6/2025 8:15:36 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

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

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

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

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

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS043025

Review By	Abdul	Review On	5/1/2025 8:12:26 AM
Supervise By	mohammad	Supervise On	5/2/2025 3:21:15 AM
SubDirectory	PS043025	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS029989.D	01 May 2025 00:34	AR\AJ	Ok
2	I.BLK	PS029990.D	01 May 2025 00:58	AR\AJ	Ok
3	HSTDCCC750	PS029991.D	01 May 2025 01:22	AR\AJ	Ok,M
4	PB167796BL	PS029992.D	01 May 2025 01:46	AR\AJ	Not Ok
5	PB167796BS	PS029993.D	01 May 2025 02:10	AR\AJ	Not Ok
6	Q1904-01	PS029994.D	01 May 2025 02:34	AR\AJ	Ok
7	Q1905-01	PS029995.D	01 May 2025 02:58	AR\AJ	Ok,M
8	Q1905-05	PS029996.D	01 May 2025 03:22	AR\AJ	Ok,M
9	Q1906-01	PS029997.D	01 May 2025 03:46	AR\AJ	Ok,M
10	Q1906-05	PS029998.D	01 May 2025 04:10	AR\AJ	Ok
11	Q1906-05MS	PS029999.D	01 May 2025 04:34	AR\AJ	Ok,M
12	Q1906-05MSD	PS030000.D	01 May 2025 04:58	AR\AJ	Ok,M
13	I.BLK	PS030001.D	01 May 2025 06:10	AR\AJ	Ok
14	HSTDCCC750	PS030002.D	01 May 2025 06:59	AR\AJ	Ok,M
15	Q1906-09	PS030003.D	01 May 2025 07:47	AR\AJ	Ok
16	Q1906-13	PS030004.D	01 May 2025 08:11	AR\AJ	Ok,M
17	Q1907-01	PS030005.D	01 May 2025 08:35	AR\AJ	Ok,M
18	Q1912-01	PS030006.D	01 May 2025 08:59	AR\AJ	Ok
19	Q1912-05	PS030007.D	01 May 2025 09:23	AR\AJ	Ok
20	Q1906-05RE	PS030008.D	01 May 2025 10:11	AR\AJ	Not Ok
21	Q1906-05MSRE	PS030009.D	01 May 2025 10:35	AR\AJ	Not Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS043025

Review By	Abdul	Review On	5/1/2025 8:12:26 AM
Supervise By	mohammad	Supervise On	5/2/2025 3:21:15 AM
SubDirectory	PS043025	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

22	Q1906-05MSDRE	PS030010.D	01 May 2025 11:00	AR\AJ	Not Ok
23	PB167796BL	PS030011.D	01 May 2025 11:24	AR\AJ	Ok
24	I.BLK	PS030012.D	01 May 2025 11:48	AR\AJ	Ok
25	HSTDCCC750	PS030013.D	01 May 2025 12:12	AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS050525

Review By	Abdul	Review On	5/6/2025 8:15:56 AM
Supervise By		Supervise On	
SubDirectory	PS050525	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030027.D	05 May 2025 08:15	AR\AJ	Ok
2	I.BLK	PS030028.D	05 May 2025 08:38	AR\AJ	Ok
3	HSTDCCC750	PS030029.D	05 May 2025 09:55	AR\AJ	Ok,NS
4	PB167830BL	PS030030.D	05 May 2025 10:19	AR\AJ	Ok
5	PB167830BS	PS030031.D	05 May 2025 10:43	AR\AJ	Ok
6	Q1916-01	PS030032.D	05 May 2025 11:23	AR\AJ	Ok
7	Q1917-01	PS030033.D	05 May 2025 11:47	AR\AJ	Ok
8	Q1917-01MS	PS030034.D	05 May 2025 12:11	AR\AJ	Ok,NS
9	Q1917-01MSD	PS030035.D	05 May 2025 12:35	AR\AJ	Ok,NS
10	Q1922-01	PS030036.D	05 May 2025 12:59	AR\AJ	Ok
11	Q1922-05	PS030037.D	05 May 2025 13:23	AR\AJ	Ok,NS
12	PB167796BS	PS030038.D	05 May 2025 13:47	AR\AJ	Ok,NS
13	Q1928-01	PS030039.D	05 May 2025 14:11	AR\AJ	Ok
14	I.BLK	PS030040.D	05 May 2025 14:35	AR\AJ	Ok
15	HSTDCCC750	PS030041.D	05 May 2025 16:41	AR\AJ	Ok,NS
16	Q1932-01	PS030042.D	05 May 2025 17:05	AR\AJ	Ok
17	Q1932-03	PS030043.D	05 May 2025 17:29	AR\AJ	Ok,NS
18	Q1932-05	PS030044.D	05 May 2025 17:53	AR\AJ	Ok
19	Q1932-07	PS030045.D	05 May 2025 18:17	AR\AJ	Ok
20	Q1935-01	PS030046.D	05 May 2025 18:41	AR\AJ	Ok
21	Q1935-05	PS030047.D	05 May 2025 19:06	AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QCBatch ID # PS050525

Review By	Abdul	Review On	5/6/2025 8:15:56 AM
Supervise By		Supervise On	
SubDirectory	PS050525	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

22	I.BLK	PS030048.D	05 May 2025 19:30	AR\AJ	Ok
23	HSTDCCC750	PS030049.D	05 May 2025 20:18	AR\AJ	Ok,NS

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

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

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

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

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

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

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

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

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS043025

Review By	Abdul	Review On	5/1/2025 8:12:26 AM
Supervise By	mohammad	Supervise On	5/2/2025 3:21:15 AM
SubDirectory	PS043025	HP Acquire Method	HP Processing Method ps042325 8151

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS029989.D	01 May 2025 00:34		AR\AJ	Ok
2	I.BLK	I.BLK	PS029990.D	01 May 2025 00:58		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS029991.D	01 May 2025 01:22		AR\AJ	Ok,M
4	PB167796BL	PB167796BL	PS029992.D	01 May 2025 01:46	Looks like hexan	AR\AJ	Not Ok
5	PB167796BS	PB167796BS	PS029993.D	01 May 2025 02:10	Surrogate recovery high	AR\AJ	Not Ok
6	Q1904-01	VNJ-210	PS029994.D	01 May 2025 02:34		AR\AJ	Ok
7	Q1905-01	MH-G	PS029995.D	01 May 2025 02:58		AR\AJ	Ok,M
8	Q1905-05	MH-H	PS029996.D	01 May 2025 03:22		AR\AJ	Ok,M
9	Q1906-01	WC-4	PS029997.D	01 May 2025 03:46		AR\AJ	Ok,M
10	Q1906-05	WC-5	PS029998.D	01 May 2025 04:10	Surrogate high in both column,Confirm in MS-MSD	AR\AJ	Ok
11	Q1906-05MS	WC-5MS	PS029999.D	01 May 2025 04:34	F Flag coming , surrogate high in both column , some compound recovery fail	AR\AJ	Ok,M
12	Q1906-05MSD	WC-5MSD	PS030000.D	01 May 2025 04:58	F Flag coming , surrogate high in both column , some compound recovery fail	AR\AJ	Ok,M
13	I.BLK	I.BLK	PS030001.D	01 May 2025 06:10		AR\AJ	Ok
14	HSTDCCC750	HSTDCCC750	PS030002.D	01 May 2025 06:59		AR\AJ	Ok,M
15	Q1906-09	WC-6	PS030003.D	01 May 2025 07:47		AR\AJ	Ok
16	Q1906-13	WC-7	PS030004.D	01 May 2025 08:11		AR\AJ	Ok,M

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS043025

Review By	Abdul	Review On	5/1/2025 8:12:26 AM
Supervise By	mohammad	Supervise On	5/2/2025 3:21:15 AM
SubDirectory	PS043025	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

17	Q1907-01	CO-8R-WC	PS030005.D	01 May 2025 08:35		AR\AJ	Ok,M
18	Q1912-01	MH-E	PS030006.D	01 May 2025 08:59		AR\AJ	Ok
19	Q1912-05	MH-F	PS030007.D	01 May 2025 09:23		AR\AJ	Ok
20	Q1906-05RE	WC-5RE	PS030008.D	01 May 2025 10:11	Surrogate high in both column	AR\AJ	Not Ok
21	Q1906-05MSRE	WC-5MSRE	PS030009.D	01 May 2025 10:35	F Flag coming , surrogate high in both column , some compound recovery fail	AR\AJ	Not Ok
22	Q1906-05MSDRE	WC-5MSDRE	PS030010.D	01 May 2025 11:00	F Flag coming , surrogate high in both column , some compound recovery fail	AR\AJ	Not Ok
23	PB167796BL	PB167796BL	PS030011.D	01 May 2025 11:24		AR\AJ	Ok
24	I.BLK	I.BLK	PS030012.D	01 May 2025 11:48		AR\AJ	Ok
25	HSTDCCC750	HSTDCCC750	PS030013.D	01 May 2025 12:12		AR\AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS050525

Review By	Abdul	Review On	5/6/2025 8:15:56 AM
Supervise By		Supervise On	
SubDirectory	PS050525	HP Acquire Method	HP Processing Method ps042325 8151

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

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PS030027.D	05 May 2025 08:15		AR\AJ	Ok
2	I.BLK	I.BLK	PS030028.D	05 May 2025 08:38		AR\AJ	Ok
3	HSTDCCC750	HSTDCCC750	PS030029.D	05 May 2025 09:55		AR\AJ	Ok,NS
4	PB167830BL	PB167830BL	PS030030.D	05 May 2025 10:19		AR\AJ	Ok
5	PB167830BS	PB167830BS	PS030031.D	05 May 2025 10:43		AR\AJ	Ok
6	Q1916-01	WC-12	PS030032.D	05 May 2025 11:23		AR\AJ	Ok
7	Q1917-01	MH-JJ	PS030033.D	05 May 2025 11:47		AR\AJ	Ok
8	Q1917-01MS	MH-JJMS	PS030034.D	05 May 2025 12:11	some compound recovery fail	AR\AJ	Ok,NS
9	Q1917-01MSD	MH-JJMSD	PS030035.D	05 May 2025 12:35	some compound recovery fail	AR\AJ	Ok,NS
10	Q1922-01	MH-R	PS030036.D	05 May 2025 12:59		AR\AJ	Ok
11	Q1922-05	MH-S	PS030037.D	05 May 2025 13:23		AR\AJ	Ok,NS
12	PB167796BS	PB167796BS	PS030038.D	05 May 2025 13:47		AR\AJ	Ok,NS
13	Q1928-01	MH-Q	PS030039.D	05 May 2025 14:11		AR\AJ	Ok
14	I.BLK	I.BLK	PS030040.D	05 May 2025 14:35		AR\AJ	Ok
15	HSTDCCC750	HSTDCCC750	PS030041.D	05 May 2025 16:41		AR\AJ	Ok,NS
16	Q1932-01	COMP-4	PS030042.D	05 May 2025 17:05		AR\AJ	Ok
17	Q1932-03	COMP-5	PS030043.D	05 May 2025 17:29		AR\AJ	Ok,NS
18	Q1932-05	COMP-6	PS030044.D	05 May 2025 17:53		AR\AJ	Ok

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS050525

Review By	Abdul	Review On	5/6/2025 8:15:56 AM
Supervise By		Supervise On	
SubDirectory	PS050525	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

19	Q1932-07	COMP-7	PS030045.D	05 May 2025 18:17		AR\AJ	Ok
20	Q1935-01	MH-NN	PS030046.D	05 May 2025 18:41		AR\AJ	Ok
21	Q1935-05	MH-MM	PS030047.D	05 May 2025 19:06		AR\AJ	Ok
22	I.BLK	I.BLK	PS030048.D	05 May 2025 19:30		AR\AJ	Ok
23	HSTDCCC750	HSTDCCC750	PS030049.D	05 May 2025 20:18		AR\AJ	Ok,NS

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135575

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
Q1872-24	HW0425-PT-SOL-SOIL	8	0.92	10.30	11.22	8.82	76.7	
Q1901-01	B-170-SB00	1	1.14	5.55	6.69	6.28	92.6	
Q1901-02	B-167-SB01	2	1.14	10.22	11.36	9.58	82.6	
Q1901-03	B-170-SB01	3	1.19	10.31	11.5	9.75	83.0	
Q1901-04	B-167-SB02	4	1.15	9.78	10.93	6.35	53.2	
Q1901-05	B-170-SB02	5	1.14	10.16	11.3	8.77	75.1	
Q1902-01	343	6	1.19	10.23	11.42	10.7	93.0	
Q1902-02	343	7	1.13	10.19	11.32	10.33	90.3	
Q1903-01	COMP-4	9	1.18	11.14	12.32	10.46	83.3	
Q1903-02	COMP-5	10	1.16	10.50	11.66	9.44	78.9	
Q1903-03	COMP-6	11	1.17	10.60	11.77	10.06	83.9	
Q1904-01	VNJ-210	12	1.19	10.39	11.58	10.6	90.6	
Q1905-01	MH-G	13	1.15	10.35	11.5	10.38	89.2	
Q1905-02	MH-G-EPH	14	1.16	9.65	10.81	9.71	88.6	
Q1905-03	MH-G-VOC	15	1.16	10.33	11.49	10.36	89.1	
Q1905-05	MH-H	16	1.12	10.03	11.15	10.5	93.5	
Q1905-06	MH-H-EPH	17	1.13	10.30	11.43	10.5	91.0	
Q1905-07	MH-H-VOC	18	1.12	10.03	11.15	10.01	88.6	
Q1906-01	WC-4	19	1.15	9.85	11.00	10.14	91.3	
Q1906-02	WC-4-EPH	20	1.16	9.97	11.13	10.17	90.4	
Q1906-03	WC-4-VOC	21	1.18	9.99	11.17	9.91	87.4	
Q1906-05	WC-5	22	1.16	10.82	11.98	10.19	83.5	
Q1906-06	WC-5-EPH	23	1.13	10.41	11.54	9.94	84.6	
Q1906-07	WC-5-VOC	24	1.18	10.47	11.65	11.63	99.8	
Q1906-09	WC-6	25	1.14	10.04	11.18	10.4	92.2	
Q1906-10	WC-6-EPH	26	1.15	10.77	11.92	10.23	84.3	
Q1906-11	WC-6-VOC	27	1.14	10.47	11.61	10.86	92.8	
Q1906-13	WC-7	28	1.14	10.85	11.99	10.31	84.5	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 04/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:37
Out Date: 04/29/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC:LB135575

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
Q1906-14	WC-7-EPH	29	1.12	9.86	10.98	9.7	87.0	
Q1906-15	WC-7-VOC	30	1.13	10.27	11.4	10.23	88.6	
Q1907-01	CO-8R-WC	31	1.13	10.26	11.39	9.81	84.6	

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

WORKLIST(Hardcopy Internal Chain)

135545

WorkList Name : %1-042825

WorkList ID : 189159

Department : Wet-Chemistry

Date : 04-28-2025 07:59:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1872-24	HW0425-PT-SOL-SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	QA Of	04/21/2025	Chemtech -SO
Q1903-01	COMP-4	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1903-02	COMP-5	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1903-03	COMP-6	Solid	Percent Solids	Cool 4 deg C	POWE02	L51	04/25/2025	Chemtech -SO
Q1901-01	B-170-SB00	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-02	B-167-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-03	B-170-SB01	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-04	B-167-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1901-05	B-170-SB02	Solid	Percent Solids	Cool 4 deg C	PORT06	L51	04/26/2025	Chemtech -SO
Q1902-01	343	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1902-02	343	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1904-01	VNJ-210	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1905-01	MH-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-02	MH-G-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-03	MH-G-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1906-13	WC-7	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-14	WC-7-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-15	WC-7-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-05	WC-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-06	WC-5-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-07	WC-5-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO

Date/Time 04/28/25 16:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 04/28/25 17:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

Handwritten signature

WorkList Name : %1-042825 WorkList ID : 189159 Department : Wet-Chemistry Date : 04-28-2025 07:59:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1906-09	WC-6	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-10	WC-6-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-11	WC-6-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1905-05	MH-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-06	MH-H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1905-07	MH-H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L51	04/28/2025	Chemtech -SO
Q1906-01	WC-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-02	WC-4-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1906-03	WC-4-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	L41	04/28/2025	Chemtech -SO
Q1907-01	CO-8R-WC	Solid	Percent Solids	Cool 4 deg C	WALS01	L51	04/28/2025	Chemtech -SO

Date/Time 04/28/25 16:15
 Raw Sample Received by: *Handwritten signature*
 Raw Sample Relinquished by: *Handwritten signature*

Date/Time 04/28/25 17:30
 Raw Sample Received by: *Handwritten signature*
 Raw Sample Relinquished by: *Handwritten signature*

SOP ID:	M8151A-Herbicide-22		
Clean Up SOP #:	N/A	Extraction Start Date :	04/30/2025
Matrix :	Solid	Extraction Start Time :	08:50
Welgh By:	EH	Extraction By: RJ	Extraction End Date :
Balance check:	RJ	Filter By: RJ	Extraction End Time :
Balance ID:	EX-SC-2	pH Meter ID: N/A	Concentration By:
pH Strip Lot#:	E3880	Hood ID: 3,4,5,7	Supervisor By :
			RUPESH

Extraction Method:
☐ Seperatory Funnel
 ☐ Continious Liquid/Liquid
 ☐ Sonication
 ☐ Waste Dilution
 ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5/500 PPM	PP24484
Surrogate	1.0ML	5000 PPB	PP24424
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
MeCl2/Acetone/1:1	N/A	EP2600
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	E3926
1:3 SULPHURIC ACID	N/A	EP2598
Ether	N/A	E3881
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2603
Hexane	N/A	E3928
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.

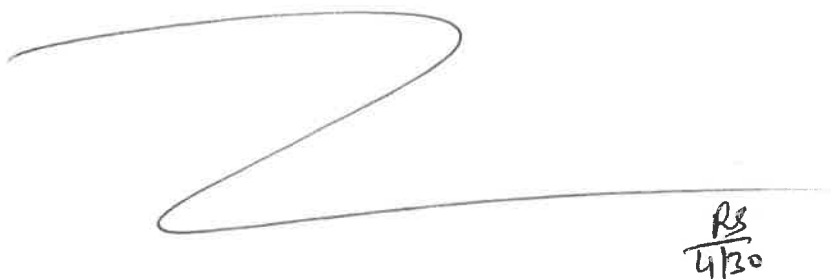
KD Bath ID:	N/A	Envap ID:	NEVAP-02
KD Bath Temperature:	N/A	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
4/30/25	RS (EXT-Lab)	DR Pest-/PCB Lab
16:30	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 04/30/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167796BL	HBLK796	Herbicide	30.01	N/A	ritesh	Evelyn	10			U2-1
PB167796BS	HLCS796	Herbicide	30.02	N/A	ritesh	Evelyn	10			2
Q1883-01	OU4-PCS-TC-27-042325	Herbicide Group1	30.01	N/A	ritesh	Evelyn	10	E		3
Q1883-03	OU4-PCS-TC-28-042325	Herbicide Group1	30.06	N/A	ritesh	Evelyn	10	E		4
Q1883-05	OU4-PCS-TC-29-042325	Herbicide Group1	30.05	N/A	ritesh	Evelyn	10	E		5
Q1883-07	OU4-PCS-TC-30-042325	Herbicide Group1	30.03	N/A	ritesh	Evelyn	10	E		6
Q1883-09	OU4-PCS-TC-31-042325	Herbicide Group1	30.04	N/A	ritesh	Evelyn	10	E		U3-1
Q1883-11	OU4-PCS-TC-32-042325	Herbicide Group1	30.02	N/A	ritesh	Evelyn	10	E		2
Q1883-13	OU4-VSL-18-042325	Herbicide Group1	30.04	N/A	ritesh	Evelyn	10	E		3
Q1883-15	OU4-VSL-19-042325	Herbicide Group1	30.07	N/A	ritesh	Evelyn	10	E		4
Q1904-01	VNJ-210	Herbicide	30.04	N/A	ritesh	Evelyn	10			5
Q1905-01	MH-G	Herbicide	30.01	N/A	ritesh	Evelyn	10	D		6
Q1905-05	MH-H	Herbicide	30.03	N/A	ritesh	Evelyn	10	D		U6-1
Q1906-01	WC-4	Herbicide	30.05	N/A	ritesh	Evelyn	10			2
Q1906-05	WC-5	Herbicide	30.02	N/A	ritesh	Evelyn	10			3
Q1906-05MS	WC-5MS	Herbicide	30.06	N/A	ritesh	Evelyn	10			4
Q1906-05MS D	WC-5MSD	Herbicide	30.04	N/A	ritesh	Evelyn	10			5
Q1906-09	WC-6	Herbicide	30.08	N/A	ritesh	Evelyn	10			6
Q1906-13	WC-7	Herbicide	30.01	N/A	ritesh	Evelyn	10			U7-1
Q1907-01	CO-8R-WC	Herbicide	30.06	N/A	ritesh	Evelyn	10	D		2
Q1912-01	MH-E	Herbicide	30.07	N/A	ritesh	Evelyn	10	E		3
Q1912-05	MH-F	Herbicide	30.02	N/A	ritesh	Evelyn	10	D		4



6749
85-8
964491

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1904 WorkList ID : 189222 Department : Extraction Date : 04-30-2025 08:35:01

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1883-01	OU4-PCS-TC-27-042325	Solid	Herbicide Group1	Cool 4 deg C	NOBI03	L41	04/23/2025	8151A
Q1883-03	OU4-PCS-TC-28-042325	Solid	Herbicide Group1	Cool 4 deg C	NOBI03	L41	04/23/2025	8151A
Q1883-05	OU4-PCS-TC-29-042325	Solid	Herbicide Group1	Cool 4 deg C	NOBI03	L41	04/23/2025	8151A
Q1883-07	OU4-PCS-TC-30-042325	Solid	Herbicide Group1	Cool 4 deg C	NOBI03	L41	04/23/2025	8151A
Q1883-09	OU4-PCS-TC-31-042325	Solid	Herbicide Group1	Cool 4 deg C	NOBI03	L41	04/23/2025	8151A
Q1883-11	OU4-PCS-TC-32-042325	Solid	Herbicide Group1	Cool 4 deg C	NOBI03	L41	04/23/2025	8151A
Q1883-13	OU4-VSL-18-042325	Solid	Herbicide Group1	Cool 4 deg C	NOBI03	L41	04/23/2025	8151A
Q1883-15	OU4-VSL-19-042325	Solid	Herbicide Group1	Cool 4 deg C	NOBI03	L41	04/23/2025	8151A
Q1904-01	VNJ-210	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	04/28/2025	8151A
Q1905-01	MH-G	Solid	Herbicide	Cool 4 deg C	PSEG03	L51	04/28/2025	8151A
Q1905-05	MH-H	Solid	Herbicide	Cool 4 deg C	PSEG03	L51	04/28/2025	8151A
Q1906-01	WC-4	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	04/28/2025	8151A
Q1906-05	WC-5	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	04/28/2025	8151A
Q1906-09	WC-6	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	04/28/2025	8151A
Q1906-13	WC-7	Solid	Herbicide	Cool 4 deg C	PSEG03	L41	04/28/2025	8151A
Q1907-01	CO-8R-WC	Solid	Herbicide	Cool 4 deg C	WALS01	L51	04/28/2025	8151A
Q1912-01	MH-E	Solid	Herbicide	Cool 4 deg C	PSEG03	L51	04/29/2025	8151A
Q1912-05	MH-F	Solid	Herbicide	Cool 4 deg C	PSEG03	L51	04/29/2025	8151A

Date/Time 04/30/25 8:45
Raw Sample Received by: RJ (EFT-1261)
Raw Sample Relinquished by: AJ 5n

Date/Time 04/30/25 9:15
Raw Sample Received by: AJ 5n
Raw Sample Relinquished by: RJ (EFT-1261)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction
ADDRESS: 150 Clare Rd, 11th Floor
CITY: Little Falls STATE: NJ ZIP: 07424
ATTENTION: Bennie Dion Gokan
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of Shaft 17B+18B
PROJECT NO.: 220084 LOCATION: Queens, NY
PROJECT MANAGER: Jesse Sylvestri
e-mail: jsylvestri@walshgroup.com
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: Walsh Construction PO#:
ADDRESS: 150 Clare Rd, 11th Floor
CITY: Little Falls STATE: NJ ZIP: 07424
ATTENTION: Jesse Sylvestri PHONE: 201-681-9740

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: Standard TAT 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. TCL VOCs (52100)
2. TCL SVOCs (52100)
3. TCL VOCs (52100)
4. TCL SVOCs (52100)
5. TCL VOCs (52100)
6. TCL SVOCs (52100)
7. TCL VOCs (52100)
8. TCL SVOCs (52100)
9. TCL VOCs (52100)
10. TCL SVOCs (52100)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		F+E	G	G	E	E	F+E	G	E	E	← Specify Preservatives	
																	A-HCl	D-NaOH
								1	2	3	4	5	6	7	8	9	B-HNO3	E-ICE
																	C-H2SO4	F-OTHER
1.	CO-0082-WC	Soil	X	X	4/28/25	11:50	25	X	X	X	X	X	X	X	X	X	13x 8oz, 1x 4oz	
2.																	2x terracore sets,	
3.																	1x encore set	
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>4/28/25 1220</u>	RECEIVED BY: 1. <u>Bennie DG</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.0°C</u>
RELINQUISHED BY SAMPLER: 2. <u>Bennie DG</u>	DATE/TIME: <u>4/28/25 2:00 PM</u>	RECEIVED BY: 2. <u>[Signature]</u> <u>4/28/25</u>	Comments: <u>RCRA Characteristics - Ignitability, Corrosivity, Reactivity (Sulfide & Cyanide)</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>4-28-25</u>	RECEIVED BY: 3. <u>[Signature]</u>	<u>Full analyte list in J. Peterson email on 4/22/25</u> <u>Bottle order # B2504038</u> <u>Temp 3.0°C Adjustment factor +1.7 IR Gun #1</u>

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 : Q1907	WALS01	Order Date : 4/28/2025 4:13:00 PM	Project Mgr :
Client Name : Walsh Construction Compa		Project Name : Walsh CO-032 Sampling	Report Type : Level 2
Client Contact : Jesse A. Sylvestri		Receive DateTime : 4/28/2025 12:00:00 AM	EDD Type : Excel NY
Invoice Name : Walsh Construction Compa		Purchase Order : 16:10	Hard Copy Date :
Invoice Contact : Jesse A. Sylvestri			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1907-01	CO-8R-WC	Solid	04/28/2025	11:50	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinquished By : [Signature]
Date / Time : 4-28-25 1645

Received By : JC
Date / Time : 4/28/25 1645

Storage Area : VOA Refridgerator Room