

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: 5/8/2025

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 Castody

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRATIK PATEL

Date: 05/08/2025

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 Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/01/25	05/01/25	



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Fax : 908 789 8922

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-PS030051.D	PIBLK-PS030051.D	2,4-DCAA	1	500	541	108		39	175
		2,4-DCAA	2	500	561	112		39	175
PB167871BL	PB167871BL	2,4-DCAA	1	500	620	124		39	175
		2,4-DCAA	2	500	616	123		39	175
PB167871BS	PB167871BS	2,4-DCAA	1	500	555	111		39	175
		2,4-DCAA	2	500	562	112		39	175
I.BLK-PS030058.D	PIBLK-PS030058.D	2,4-DCAA	1	500	533	107		39	175
		2,4-DCAA	2	500	558	112		39	175
PB167774TB	PB167774TB	2,4-DCAA	1	500	582	116		39	175
		2,4-DCAA	2	500	591	118		39	175
Q1901-08MS	B-167-SB01MS	2,4-DCAA	1	500	690	138		39	175
		2,4-DCAA	2	500	577	115		39	175
Q1901-08MSD	B-167-SB01MSD	2,4-DCAA	1	500	691	138		39	175
		2,4-DCAA	2	500	590	118		39	175
Q1907-02	CO-8R-WC	2,4-DCAA	1	500	795	159		39	175
		2,4-DCAA	2	500	570	114		39	175
I.BLK-PS030069.D	PIBLK-PS030069.D	2,4-DCAA	1	500	537	107		39	175
		2,4-DCAA	2	500	563	113		39	175

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

DataFile : PS030063.D

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1907

Client: Walsh Construction Company II, LLC

Analytical Method: 8151A

DataFile : PS030064.D

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



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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 :** PS030057.D

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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167871BL

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab Sample ID: PB167871BL

Lab File ID: PS030056.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/05/2025

Date Analyzed (1): 05/06/2025

Date Analyzed (2): 05/06/2025

Time Analyzed (1): 13:03

Time Analyzed (2): 13:03

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

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

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

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB167871BS	PB167871BS	PS030057.D	05/06/2025	05/06/2025
PB167774TB	PB167774TB	PS030060.D	05/06/2025	05/06/2025
B-167-SB01MS	Q1901-08MS	PS030063.D	05/06/2025	05/06/2025
B-167-SB01MSD	Q1901-08MSD	PS030064.D	05/06/2025	05/06/2025
CO-8R-WC	Q1907-02	PS030068.D	05/06/2025	05/06/2025

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:	Q1907-02	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS030068.D	1	05/05/25 08:50	05/06/25 17:52	PB167871

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	795		39 - 175	159%	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\PS050625\
 Data File : PS030068.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 17:52
 Operator : AR\AJ
 Sample : Q1907-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 CO-8R-WC

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 02:00:31 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	6.940	7.461	1956.0E6	401.2E6	794.793	569.513 #

Target Compounds

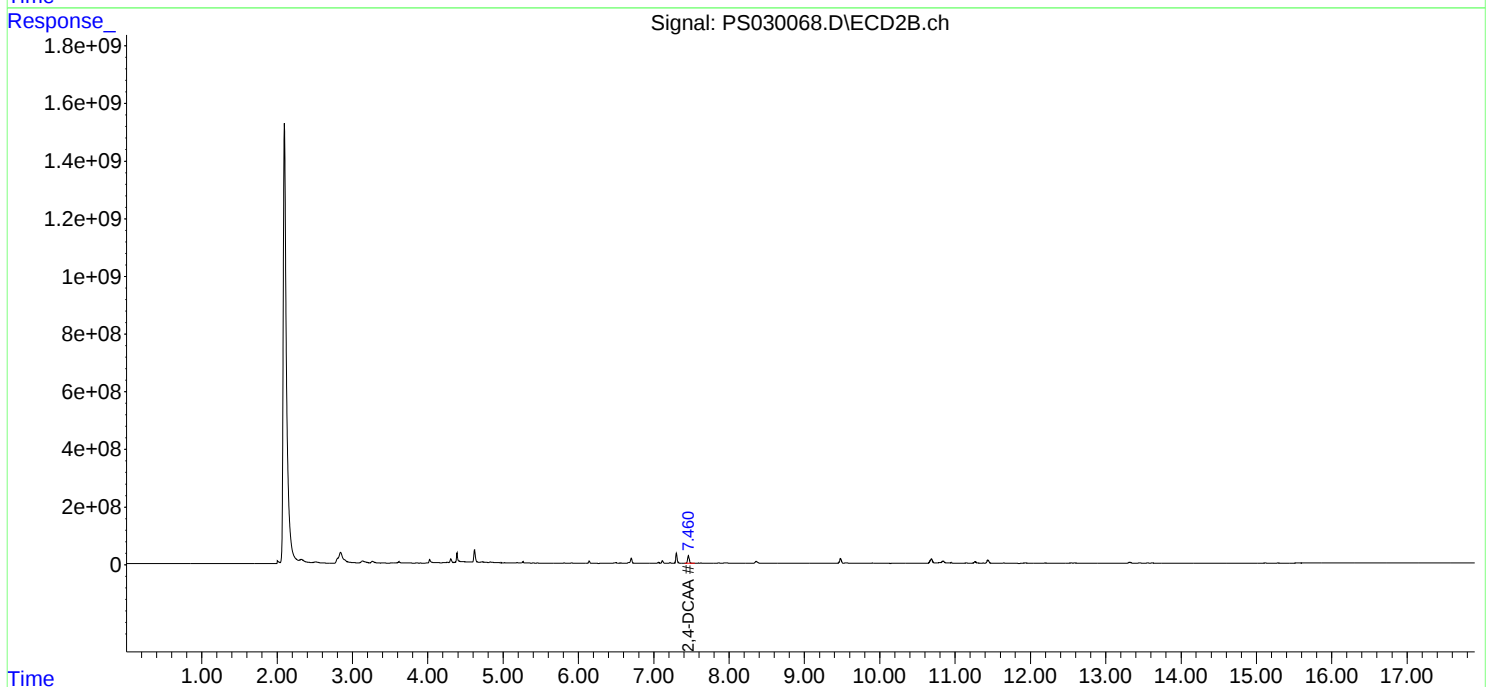
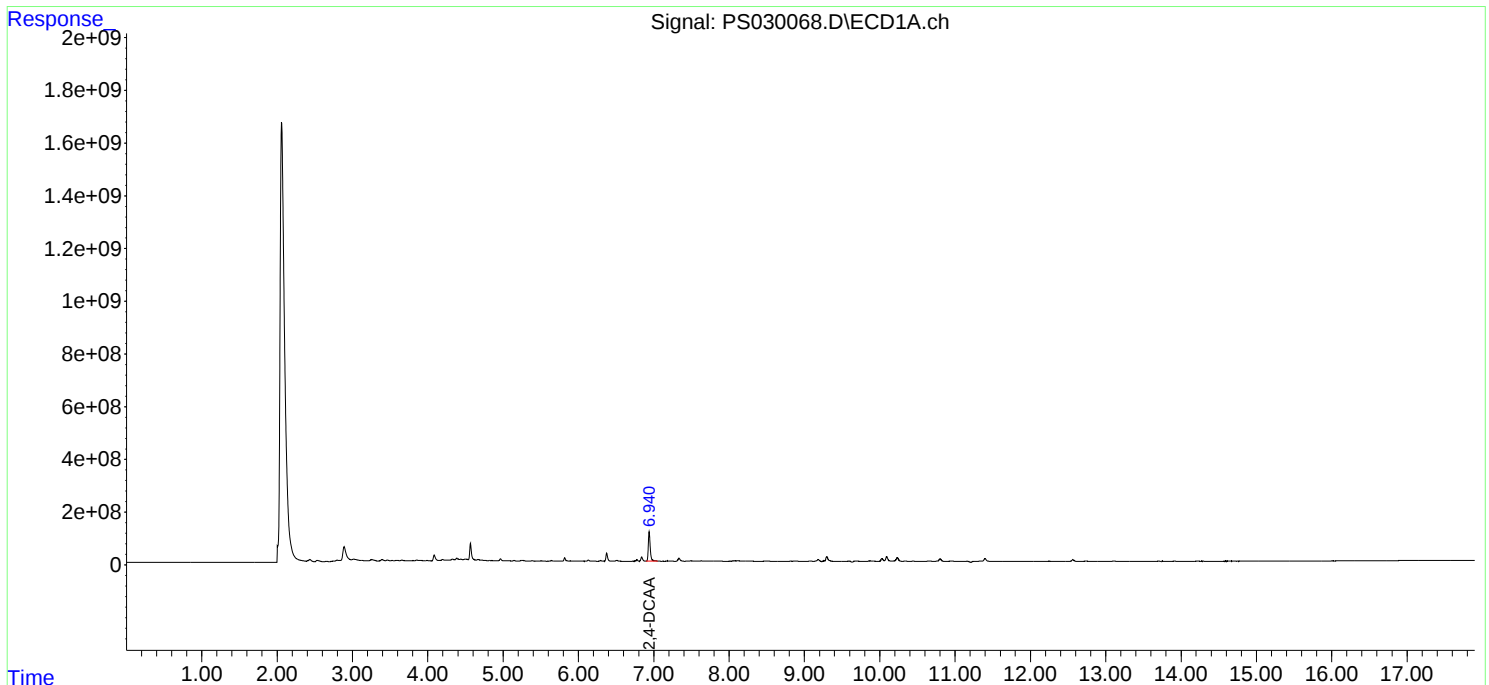
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

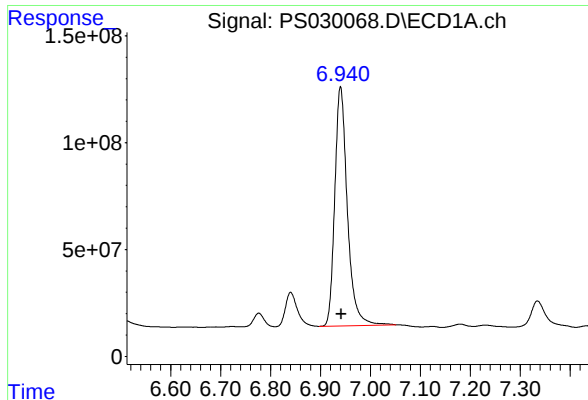
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 17:52
Operator : AR\AJ
Sample : Q1907-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
CO-8R-WC

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 02:00:31 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





#4 2,4-DCAA

R.T.: 6.940 min

Delta R.T.: -0.001 min

Response: 1956048869

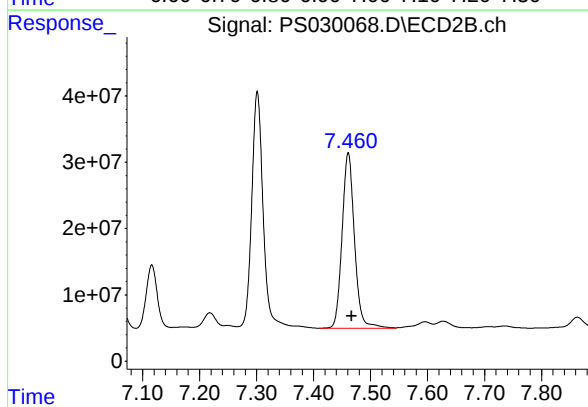
Conc: 794.79 ng/ml

Instrument :

ECD_S

ClientSampleId :

CO-8R-WC



#4 2,4-DCAA

R.T.: 7.461 min

Delta R.T.: -0.006 min

Response: 401231896

Conc: 569.51 ng/ml



CALIBRATION SUMMARY

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

[illegible]

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

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

[illegible]



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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-TP(Silvex)	16213200000	13862200000	13431300000	12910500000	12897000000	13862800000	10
2,4-D	3379530000	2797950000	2695740000	2590800000	2600340000	2812870000	12
2,4-DCAA	3038250000	2463560000	2343090000	2233670000	2226830000	2461080000	14



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Fax : 908 789 8922

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-TP(Silvex)	8841790000	8081200000	8077540000	7871670000	8036560000	8181750000	5
2,4-D	1299090000	1113240000	1091000000	1054800000	1077400000	1127110000	9
2,4-DCAA	807639000	692361000	682858000	661991000	677736000	704517000	8

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	MCPD	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

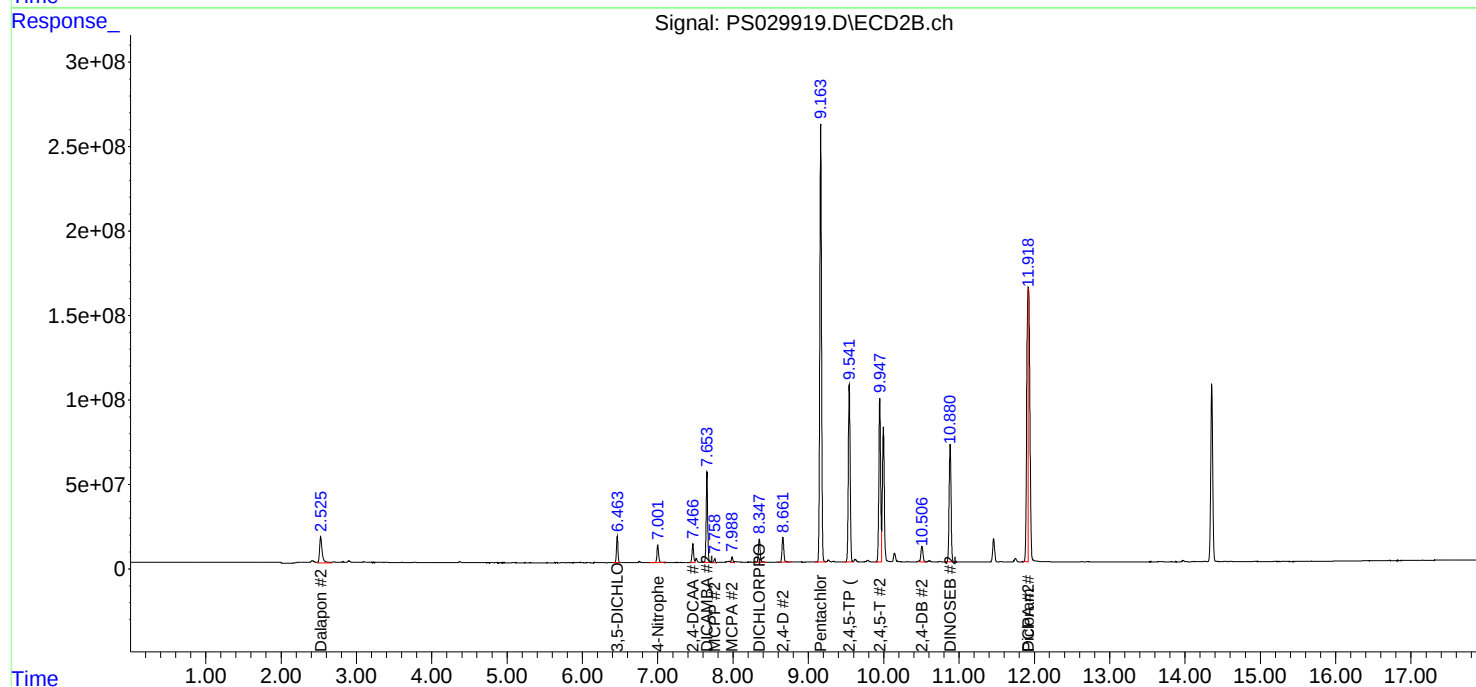
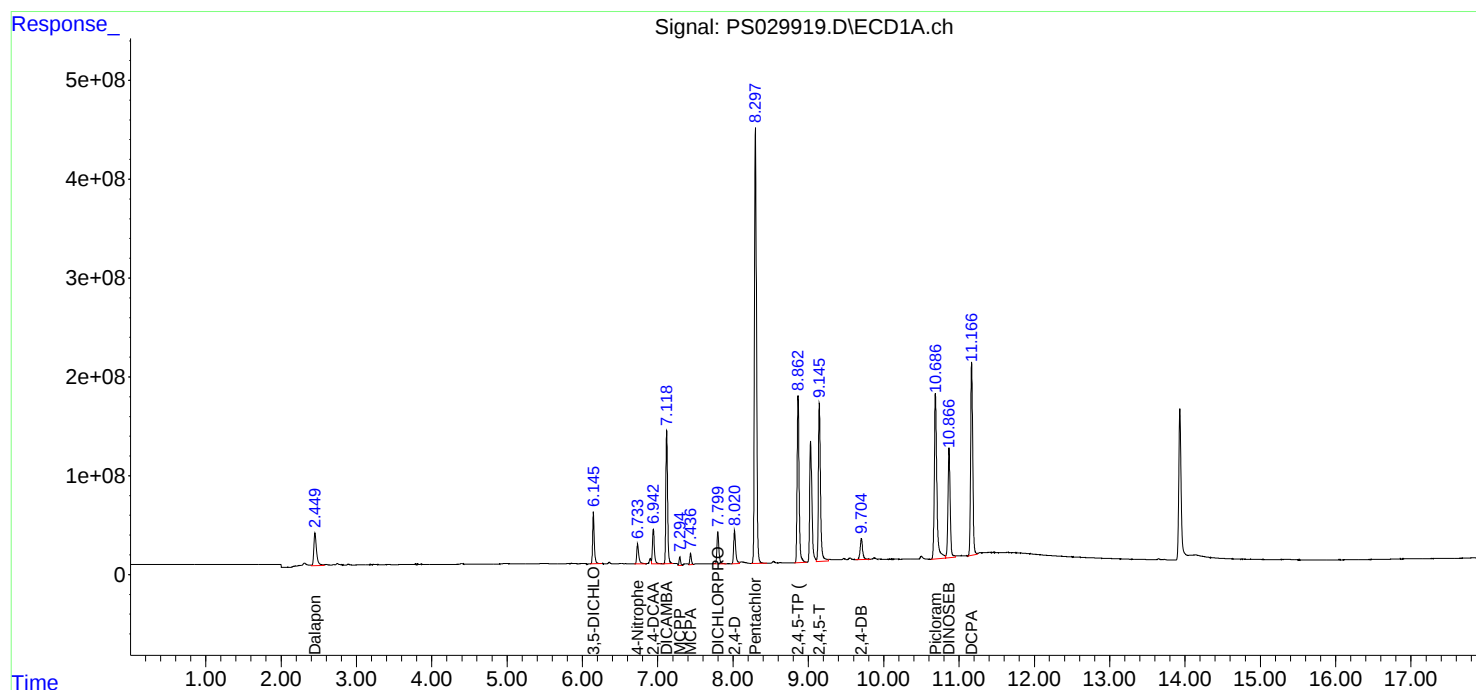
APPROVED

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

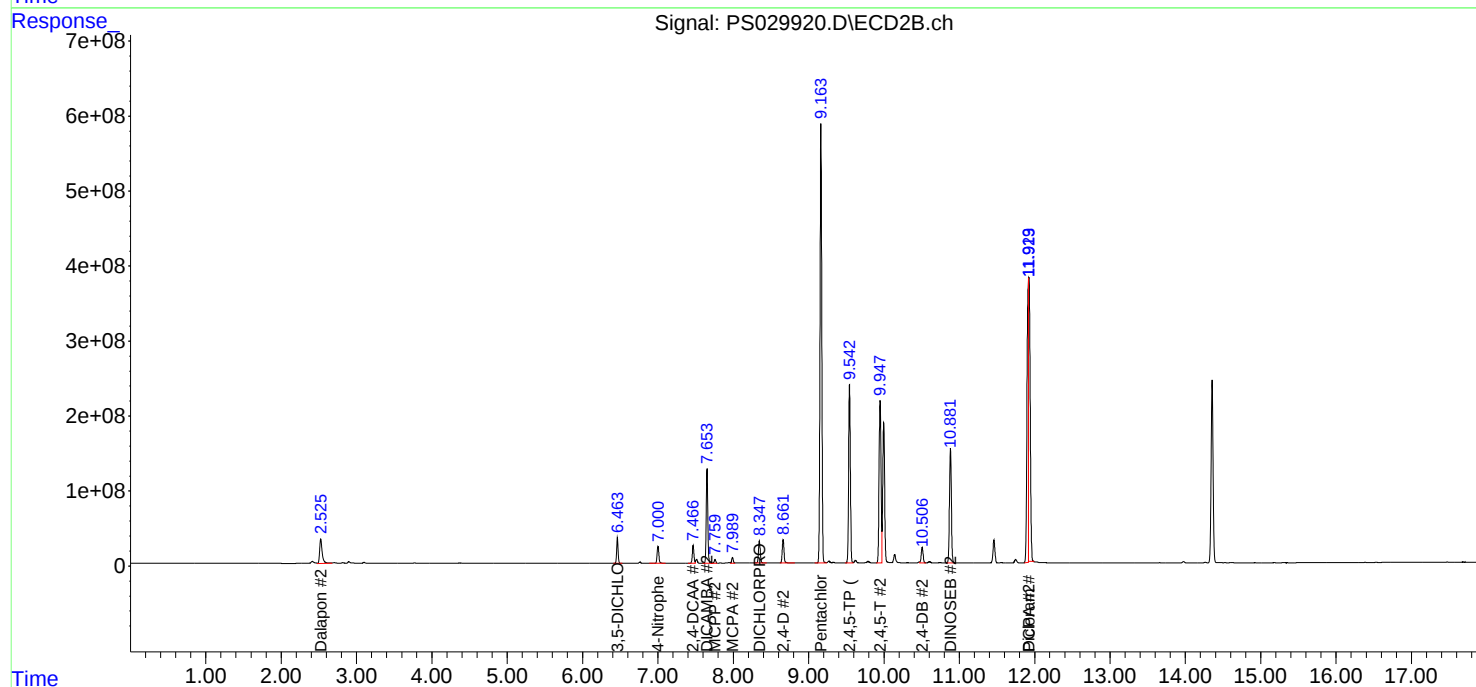
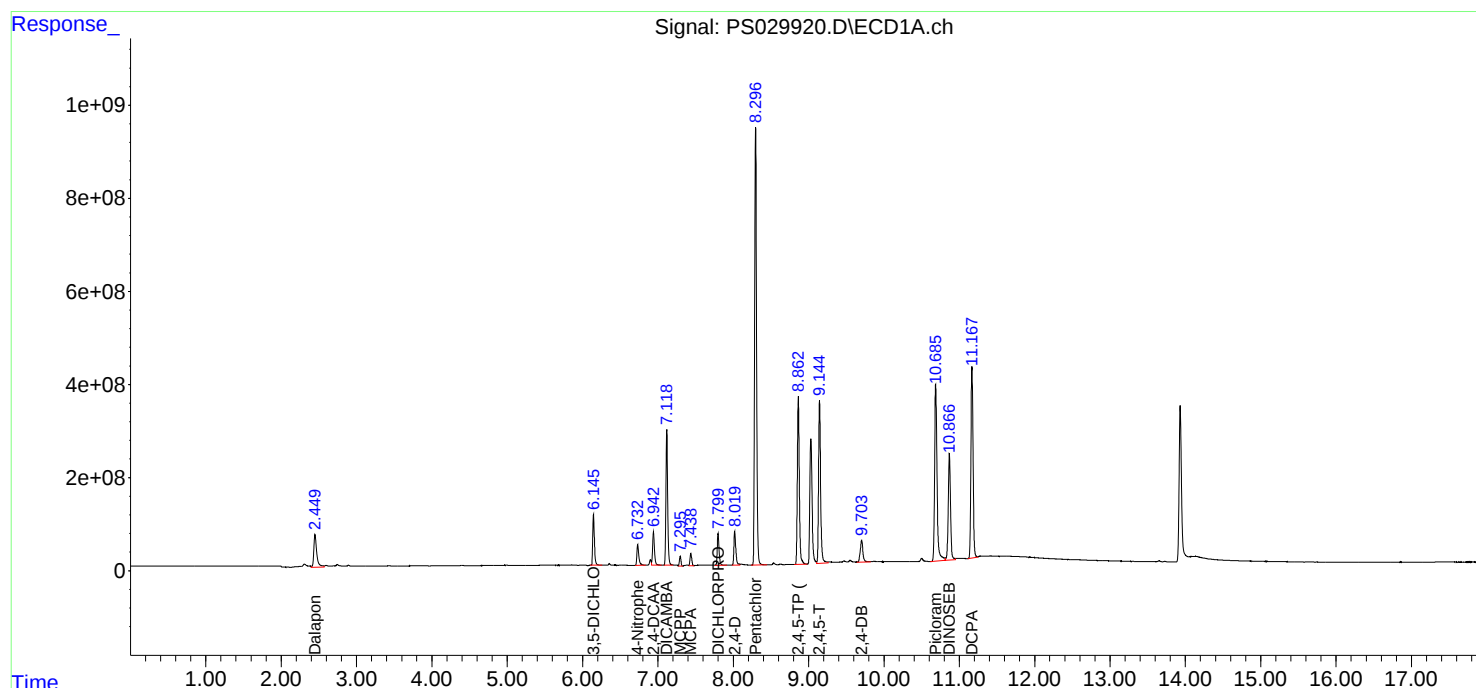
APPROVED

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

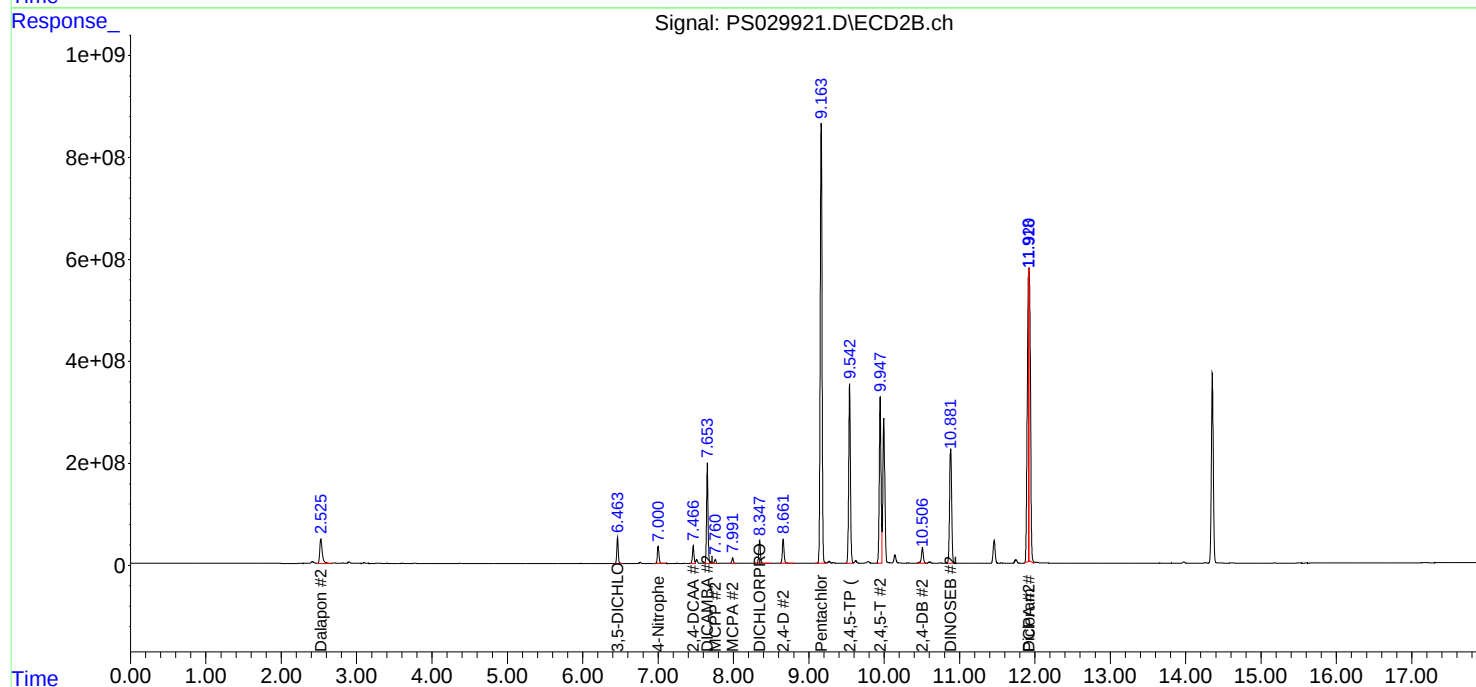
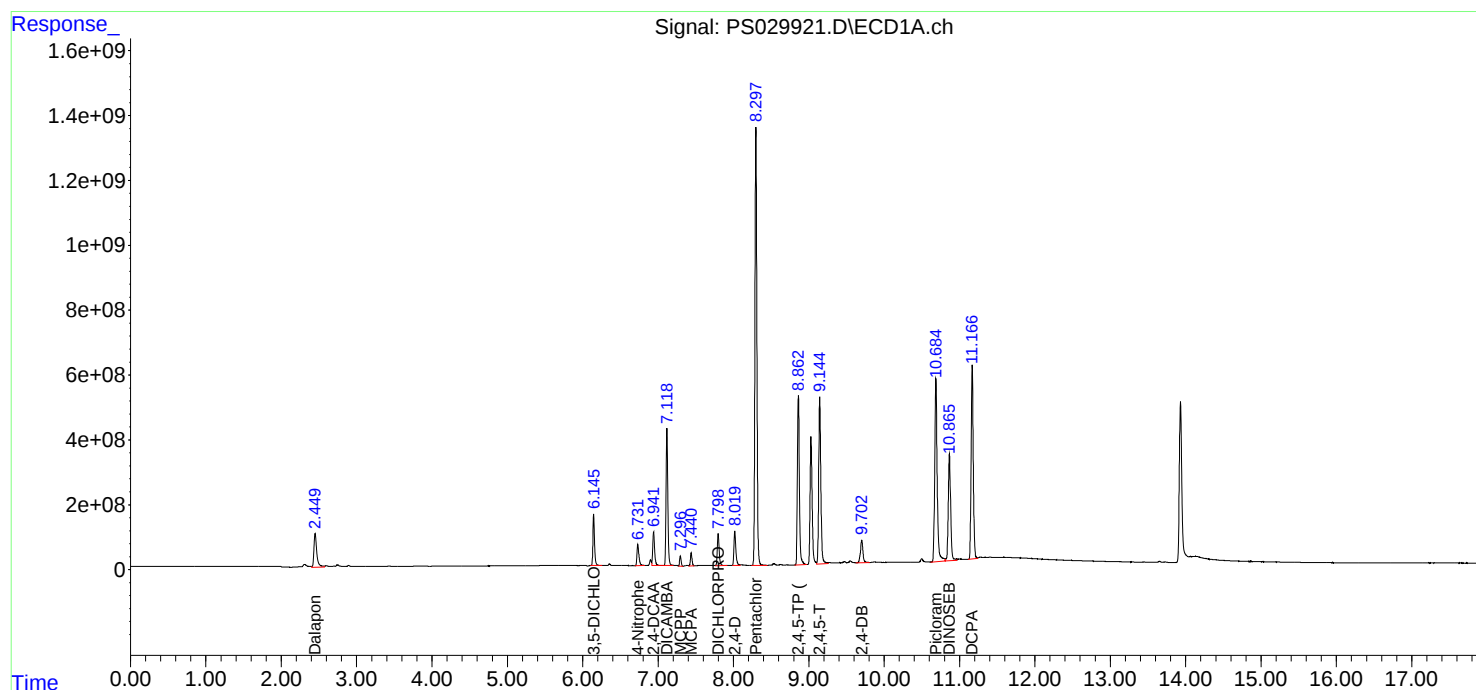
APPROVED

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 x0.5 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	MCP	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

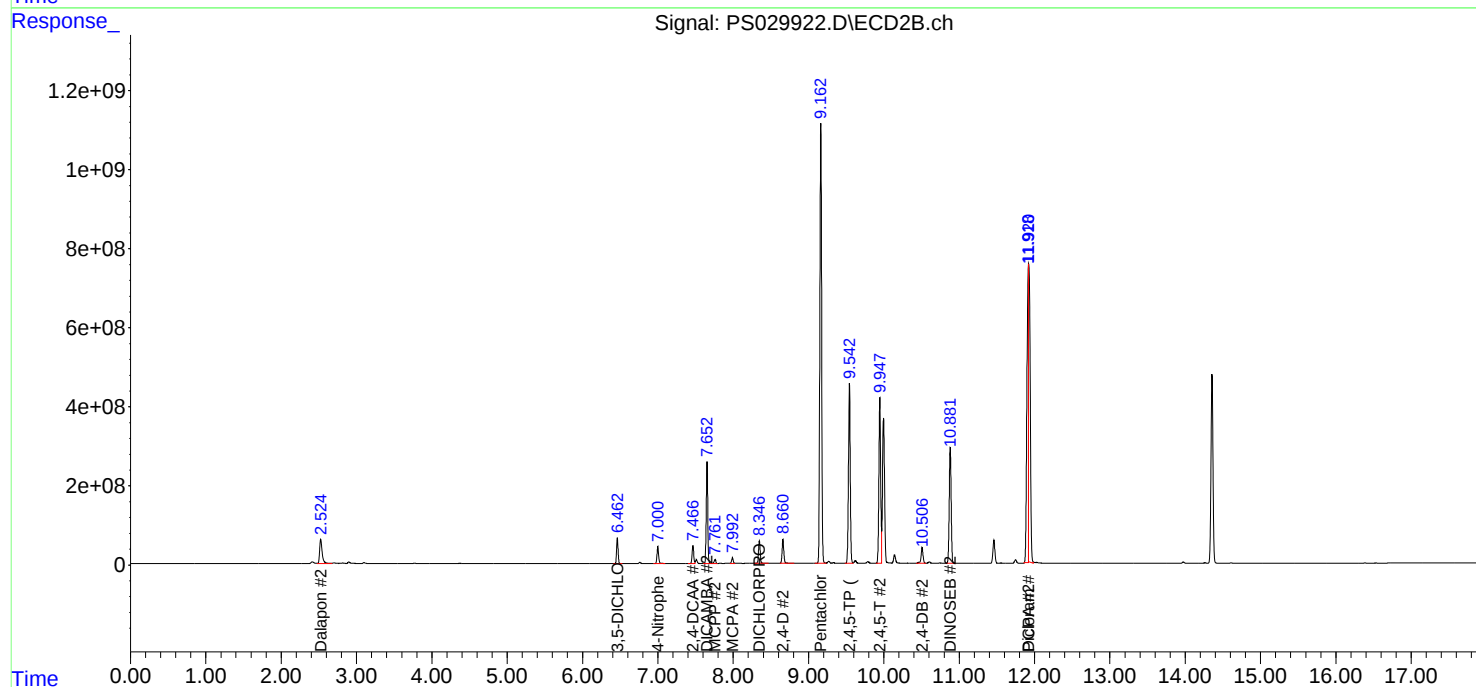
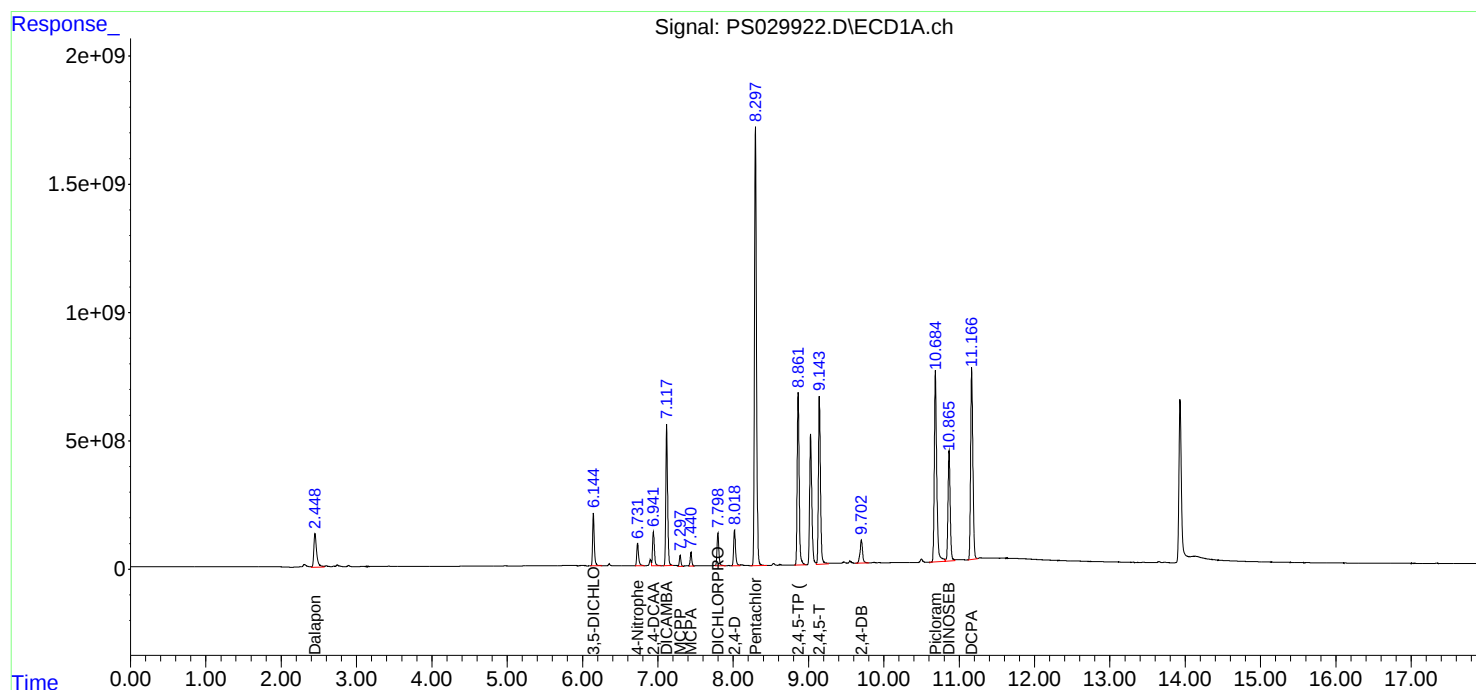
Instrument :
ECD_S
ClientSampleId :
HSTDICC1000

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
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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	MCPD	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

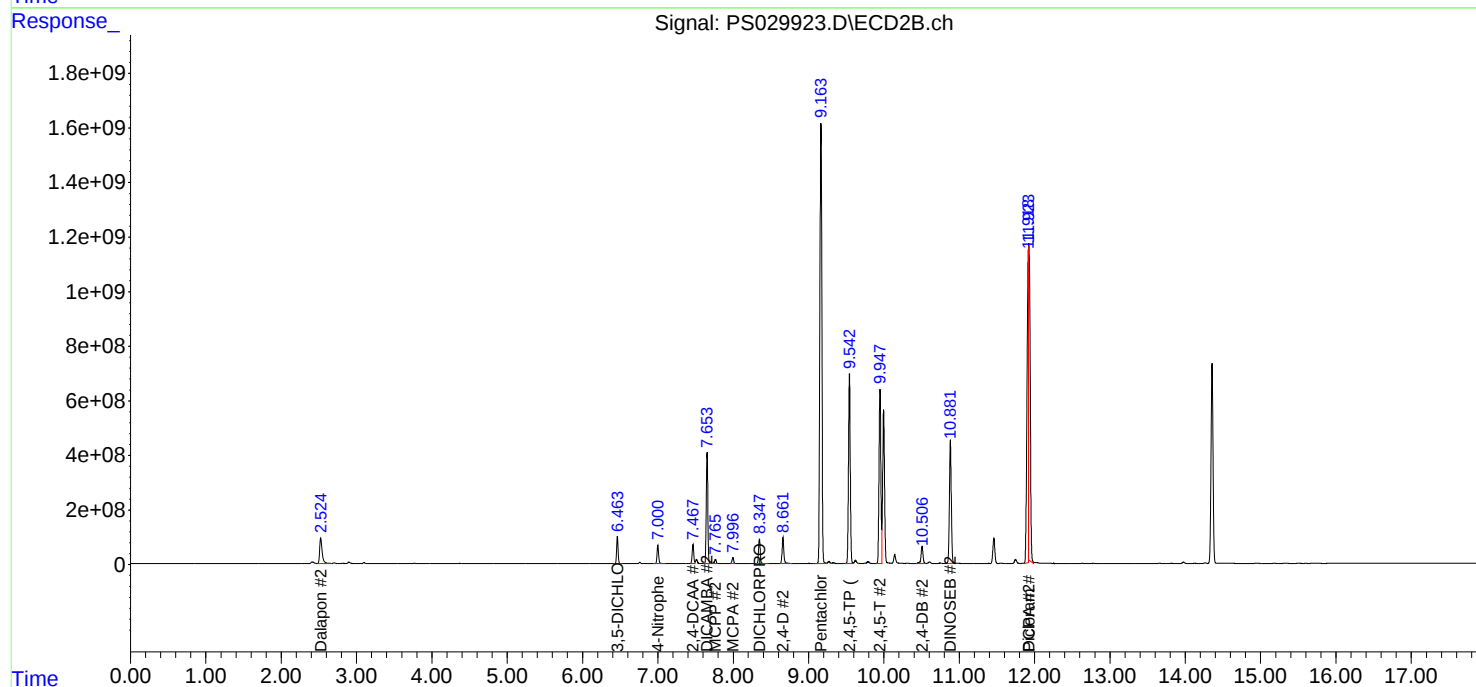
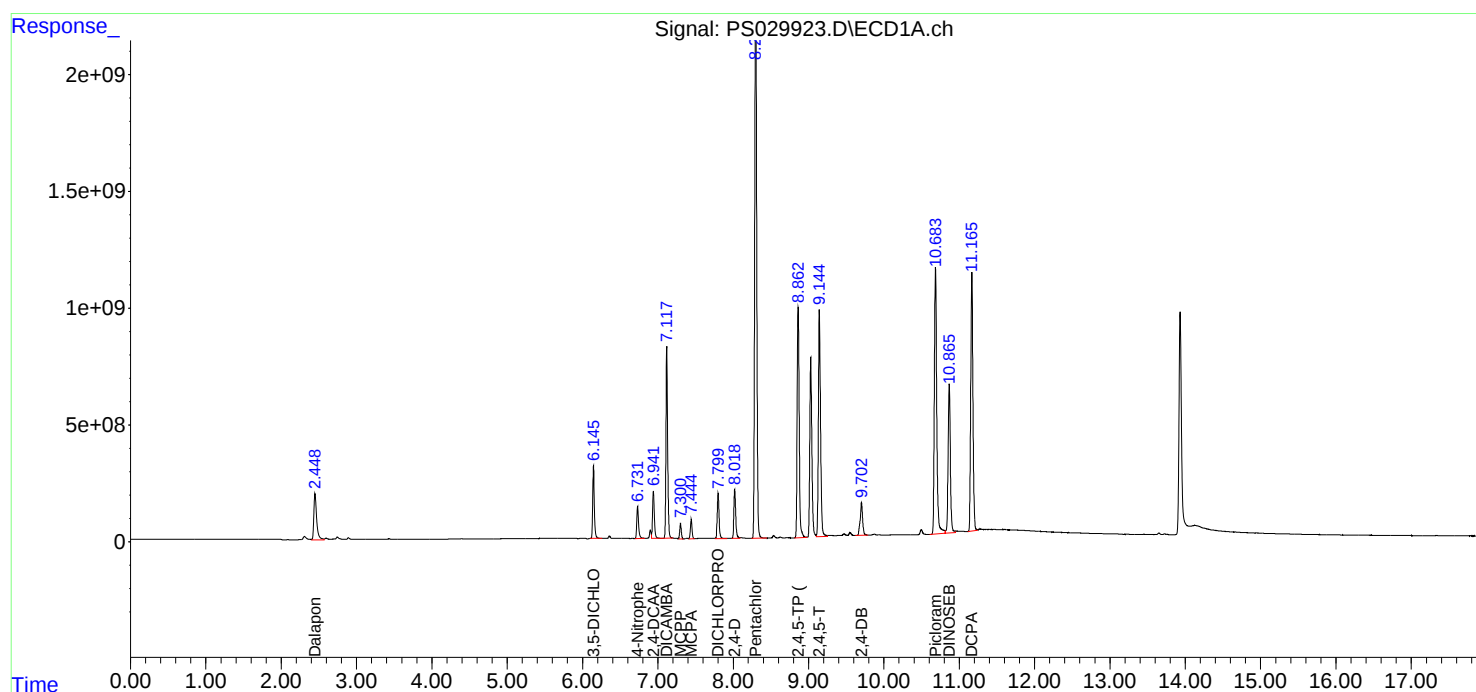
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

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	MCPD	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

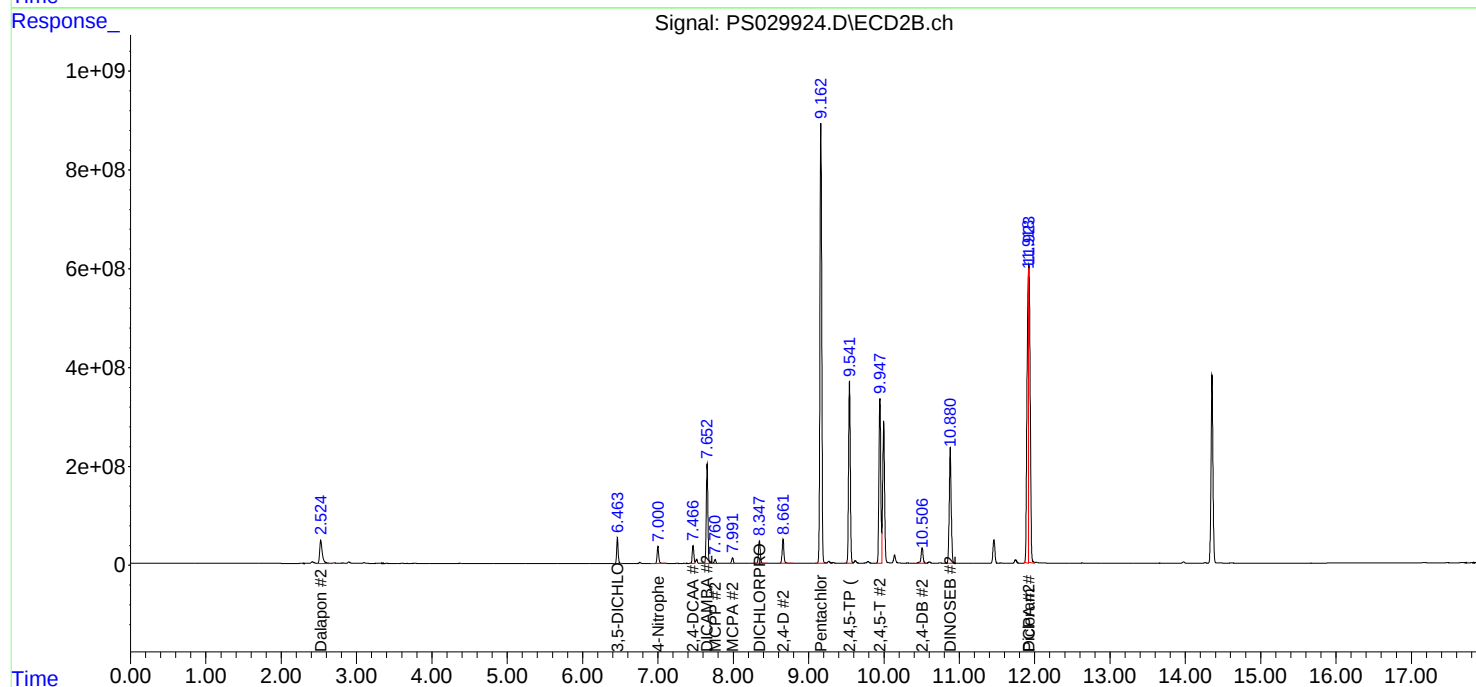
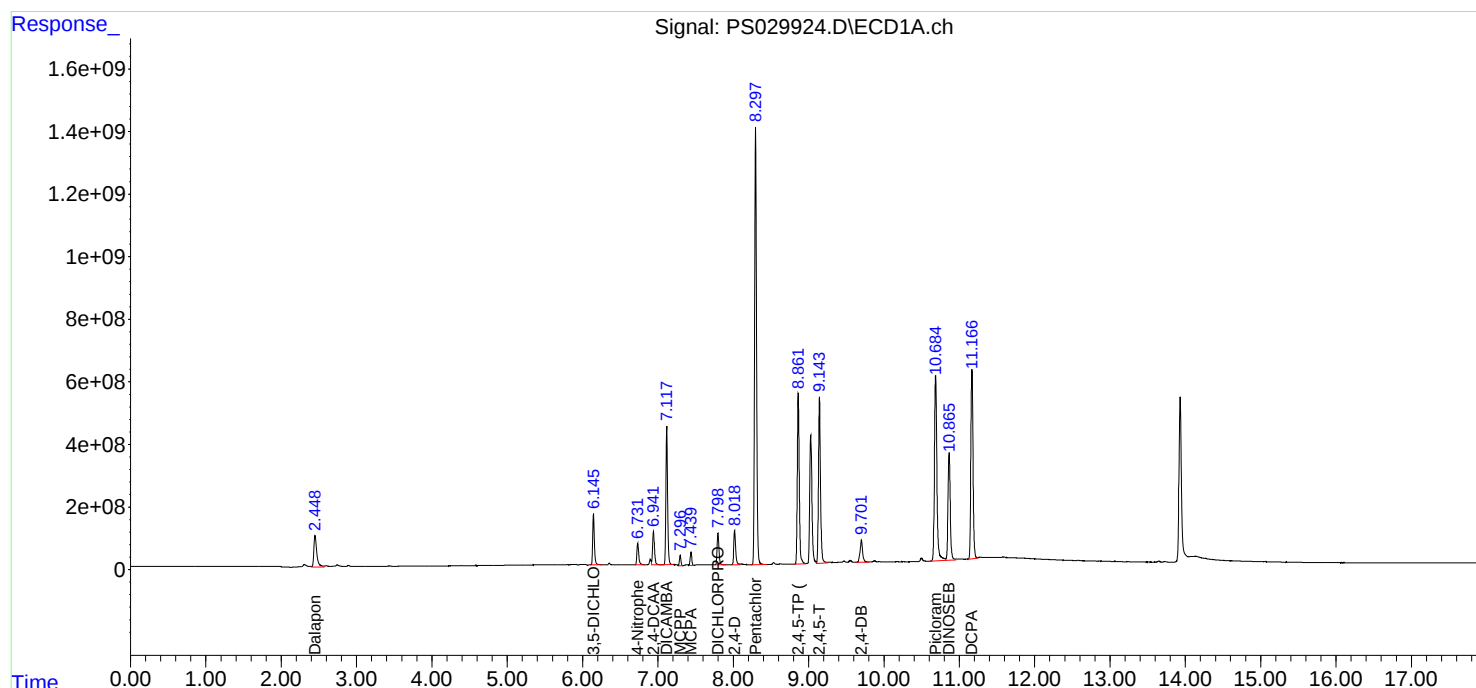
Instrument :
ECD_S
ClientSampleId :
ICVPS042325

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

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

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

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



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

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

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

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



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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: 05/06/2025

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

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



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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:** 05/06/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS030052.D **Time Analyzed:** 09:50

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030052.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 09:50
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 13:26:33 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	7.459	1745.0E6	517.6E6	709.032	734.697
Target Compounds							
1) T	Dalapon	2.448	2.520	2771.0E6	1141.8E6	676.627	657.669
2) T	3,5-DICHL...	6.142	6.457	2356.5E6	654.3E6	659.397	669.260
3) T	4-Nitroph...	6.729	6.993	1154.1E6	496.8E6	647.176	648.693
5) T	DICAMBA	7.115	7.645	6737.1E6	2806.7E6	680.318	710.539
6) T	MCP P	7.293	7.753	431.4E6	116.4E6	66.945	66.573
7) T	MCPA	7.436	7.983	585.6E6	164.8E6	66.310	69.657
8) T	DICHLORPROP	7.794	8.338	1673.4E6	691.3E6	660.364	688.615
9) T	2,4-D	8.015	8.651	1921.0E6	769.6E6	682.925	682.800
10) T	Pentachlo...	8.293	9.152	24212.0E6	14728.5E6	694.052	723.945
11) T	2,4,5-TP ...	8.857	9.531	9637.1E6	5867.4E6	695.176	717.135
12) T	2,4,5-T	9.139	9.935	9768.0E6	5468.9E6	695.079	704.521
13) T	2,4-DB	9.698	10.493	1579.0E6	535.4E6	690.907	665.240
14) T	DINOSEB	10.860	10.867	6883.8E6	4005.8E6	676.648	686.979
15) T	Picloram	10.679	11.904	12676.1E6	7539.8E6	691.524	613.805m
16) T	DCPA	11.161	11.901	12001.6E6	8871.3E6	705.107	787.047m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030052.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 09:50
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

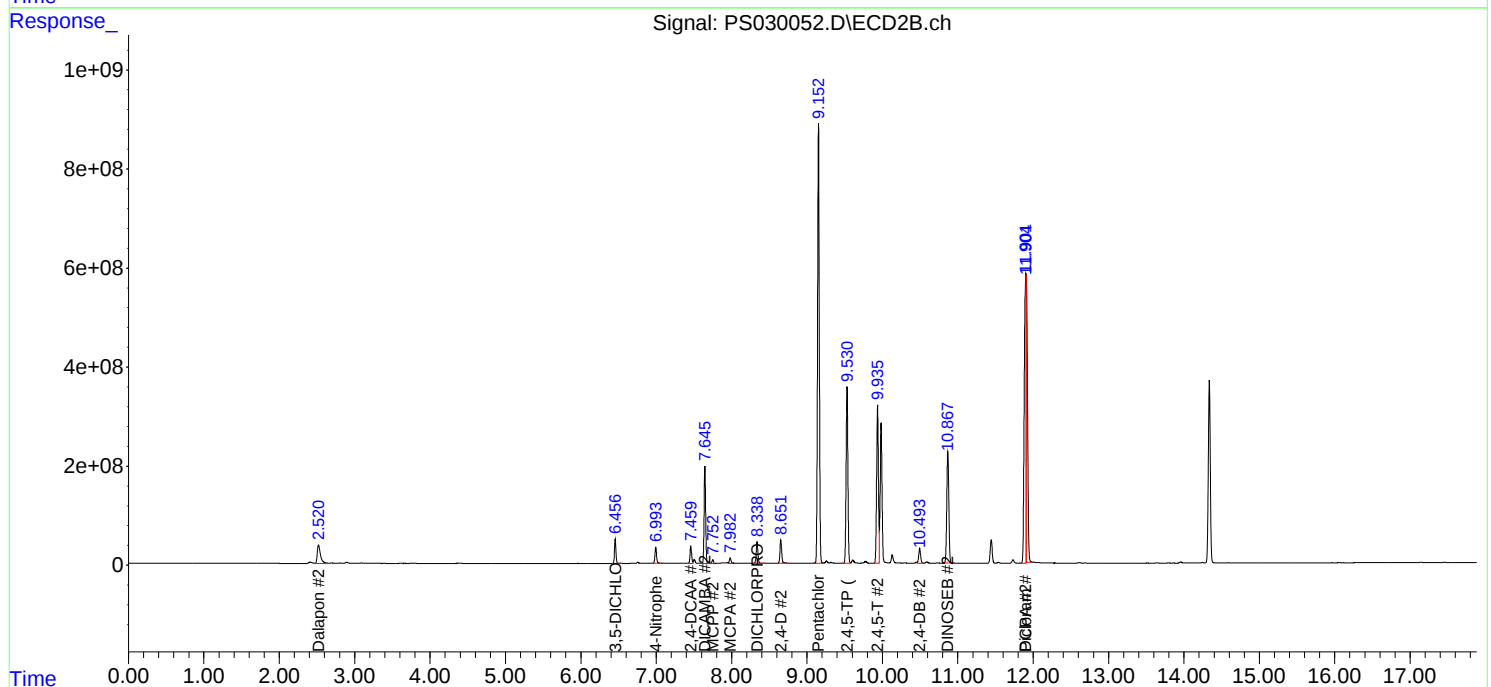
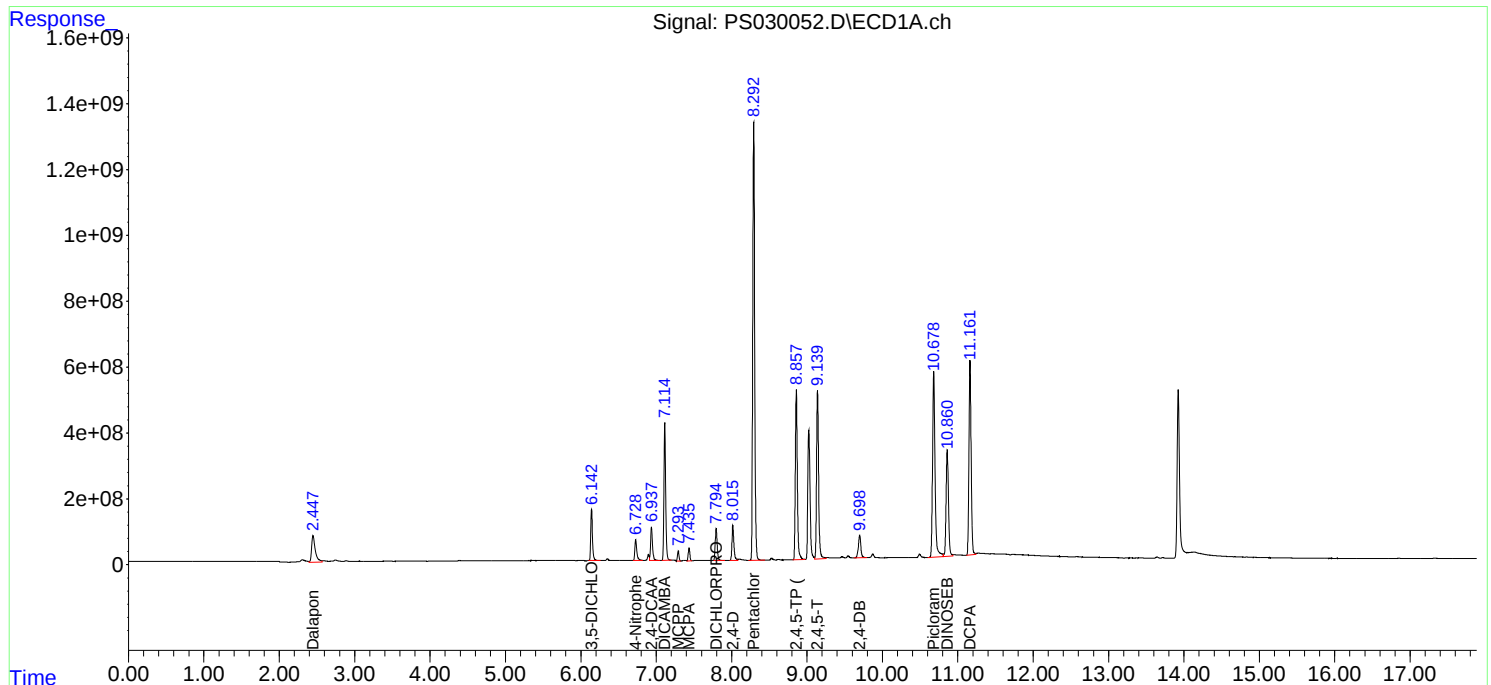
APPROVED

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 13:26:33 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: 05/06/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

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

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

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



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

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

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

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



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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: 05/06/2025

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

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



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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: 05/06/2025

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 14:15
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:55:16 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	1879.7E6	558.7E6	763.785	793.078
Target Compounds							
1) T	Dalapon	2.448	2.522	2710.6E6	1164.7E6	661.884m	670.857m
2) T	3,5-DICHL...	6.143	6.459	2528.0E6	712.0E6	707.385	728.324
3) T	4-Nitroph...	6.729	6.995	1243.0E6	533.9E6	697.020	697.085
5) T	DICAMBA	7.114	7.646	7227.9E6	3028.0E6	729.878	766.568m
6) T	MCP P	7.292	7.754	489.9E6	127.6E6	76.021m	72.952
7) T	MCPA	7.436	7.984	643.5E6	172.6E6	72.862	72.939
8) T	DICHLORPROP	7.794	8.340	1800.3E6	758.0E6	710.425	755.039m
9) T	2,4-D	8.015	8.652	2024.0E6	825.2E6	719.564	732.170m
10) T	Pentachlo...	8.292	9.153	25932.5E6	15893.5E6	743.370	781.208
11) T	2,4,5-TP ...	8.856	9.532	10324.7E6	6320.0E6	744.776	772.445
12) T	2,4,5-T	9.138	9.935	10134.3E6	5867.9E6	721.146m	755.923
13) T	2,4-DB	9.696	10.494	1683.8E6	605.4E6	736.796	752.142
14) T	DINOSEB	10.858	10.867	6893.7E6	4244.6E6	677.621m	727.945
15) T	Picloram	10.678	11.902	13045.3E6	8956.4E6	711.667	729.132m
16) T	DCPA	11.159	11.901	12876.9E6	8370.0E6	756.528	742.572m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030059.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 14:15
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

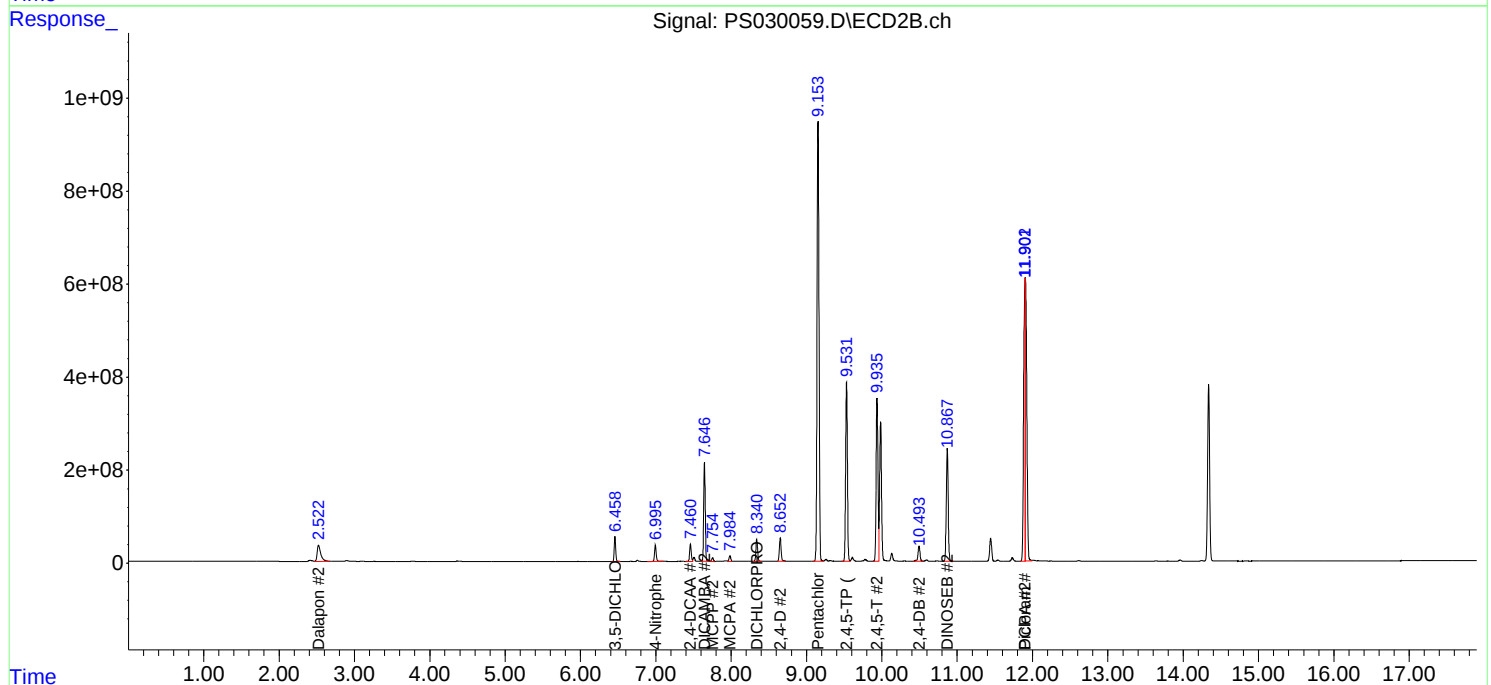
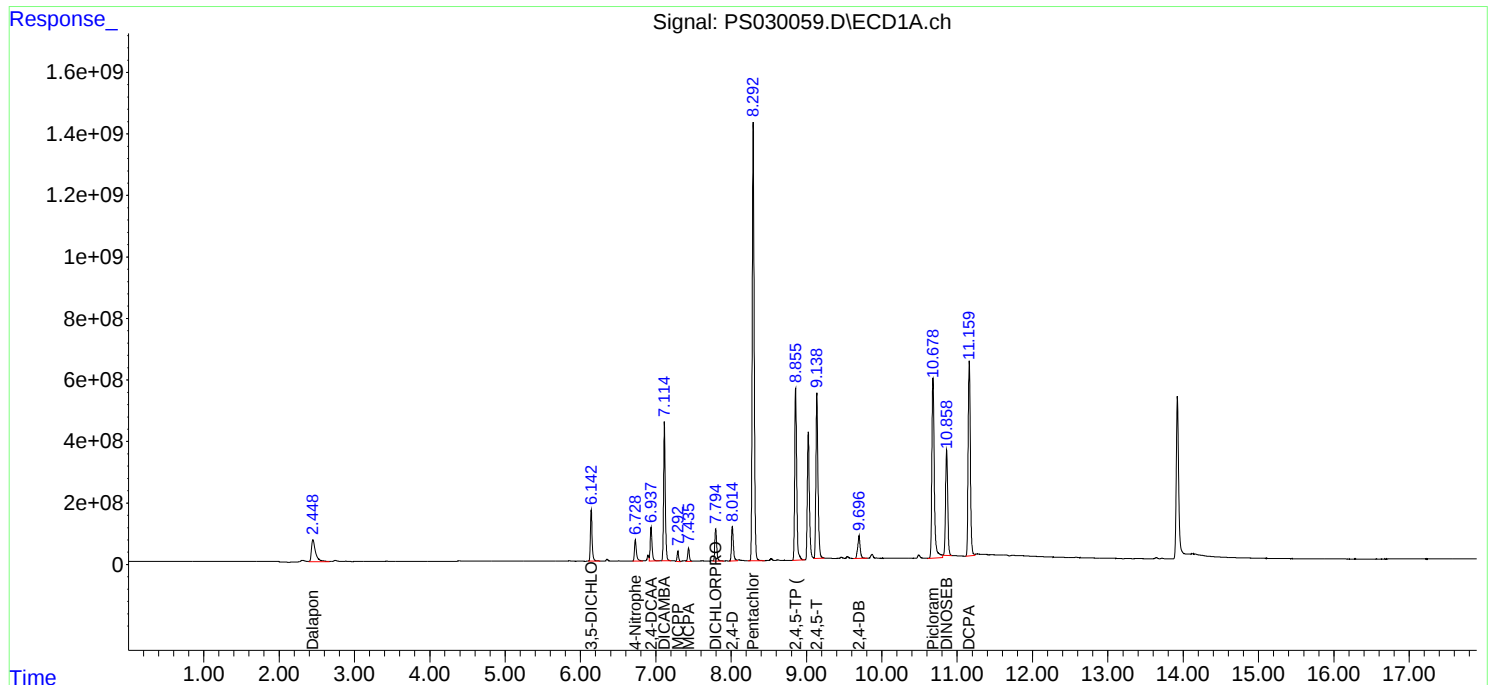
APPROVED

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:55:16 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: 05/06/2025 Initial Calibration Date(s): 04/23/2025 04/23/2025

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

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

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



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

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

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

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



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

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

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

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

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



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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: 05/06/2025

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
 Data File : PS030070.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 18:40
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 02:01:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	6.937	7.460	1909.9E6	571.3E6	776.057	810.862
Target Compounds							
1) T	Dalapon	2.448	2.523	2781.9E6	1210.9E6	679.305	697.486
2) T	3,5-DICHL...	6.142	6.459	2573.9E6	727.5E6	720.203	744.165
3) T	4-Nitroph...	6.728	6.995	1268.4E6	545.3E6	711.253	711.903
5) T	DICAMBA	7.114	7.646	7342.4E6	3128.6E6	741.446	792.031
6) T	MCP	7.292	7.754	468.6E6	129.9E6	72.722	74.254
7) T	MCPA	7.435	7.984	655.3E6	175.6E6	74.205	74.215
8) T	DICHLORPROP	7.794	8.340	1832.3E6	768.1E6	723.055	765.065
9) T	2,4-D	8.014	8.653	2051.6E6	851.6E6	729.363	755.567
10) T	Pentachlo...	8.292	9.153	26503.9E6	16275.2E6	759.749	799.970
11) T	2,4,5-TP ...	8.855	9.531	10491.6E6	6479.4E6	756.817	791.938
12) T	2,4,5-T	9.138	9.936	10651.3E6	6011.4E6	757.935	774.411
13) T	2,4-DB	9.696	10.494	1708.6E6	619.4E6	747.627	769.620
14) T	DINOSEB	10.858	10.868	7402.1E6	4309.6E6	727.587	739.079
15) T	Picloram	10.677	11.903	13092.1E6	8909.9E6	714.218	725.346m
16) T	DCPA	11.159	11.900	13120.5E6	7819.2E6	770.845	693.705m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030070.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 18:40
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

HSTDCCC750

Manual Integrations

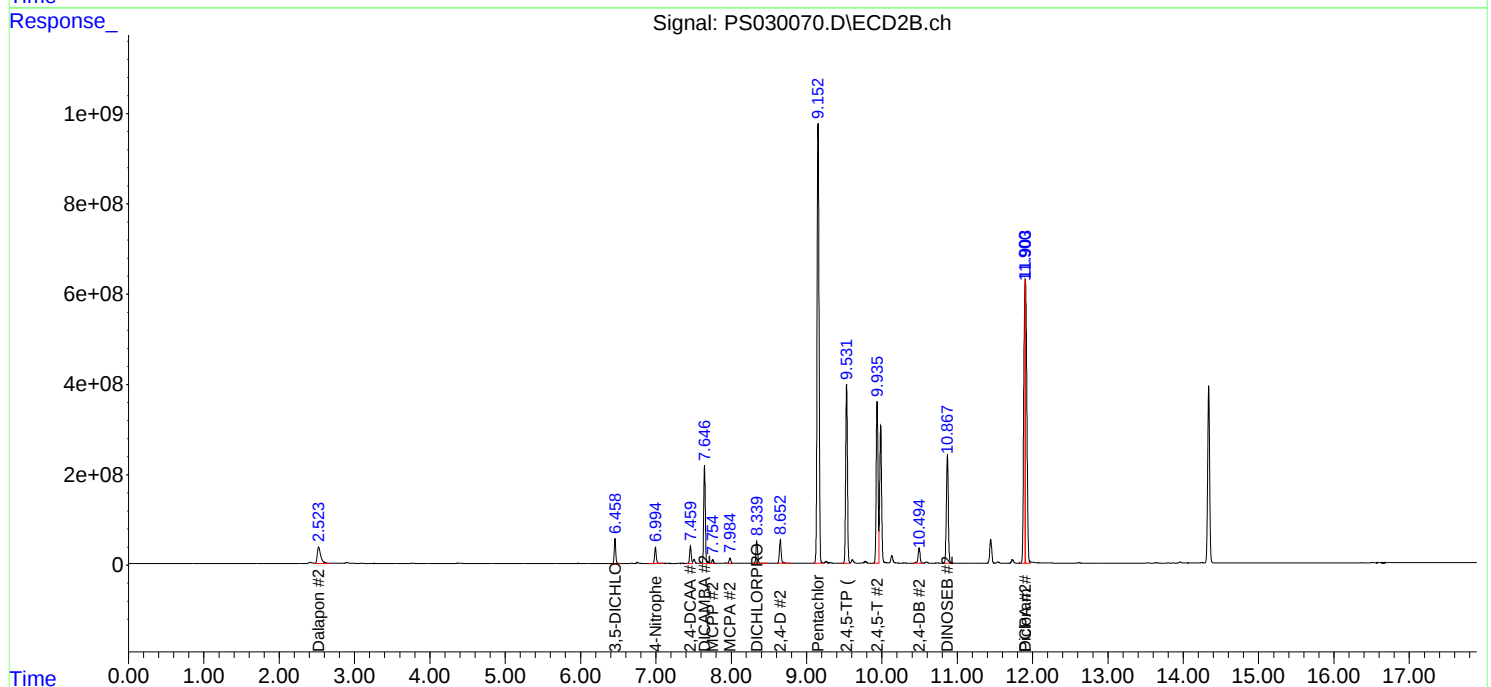
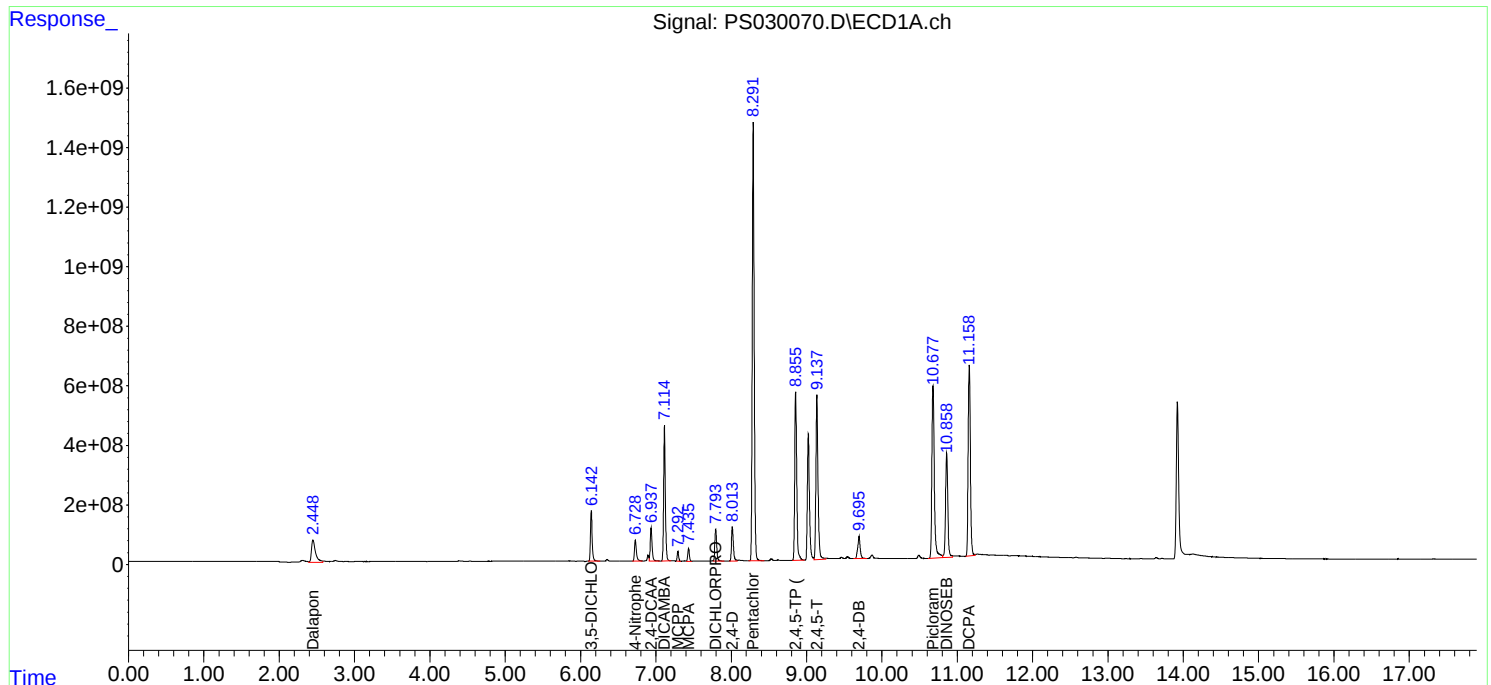
APPROVED

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 02:01:30 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 #
1.BLK	1.BLK	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
1.BLK	1.BLK	05/06/2025	08:58	PS030051.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	09:50	PS030052.D	6.94	0.00
PB167871BL	PB167871BL	05/06/2025	13:03	PS030056.D	6.94	0.00
PB167871BS	PB167871BS	05/06/2025	13:27	PS030057.D	6.94	0.00
1.BLK	1.BLK	05/06/2025	13:51	PS030058.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	14:15	PS030059.D	6.94	0.00
PB167774TB	PB167774TB	05/06/2025	14:40	PS030060.D	6.94	0.00
B-167-SB01MS	Q1901-08MS	05/06/2025	15:52	PS030063.D	6.94	0.00
B-167-SB01MSD	Q1901-08MSD	05/06/2025	16:16	PS030064.D	6.94	0.00
CO-8R-WC	Q1907-02	05/06/2025	17:52	PS030068.D	6.94	0.00
1.BLK	1.BLK	05/06/2025	18:16	PS030069.D	6.94	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	18:40	PS030070.D	6.94	0.00

Analytical Sequence

Client: 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 #
1.BLK	1.BLK	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
1.BLK	1.BLK	05/06/2025	08:58	PS030051.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	09:50	PS030052.D	7.46	0.00
PB167871BL	PB167871BL	05/06/2025	13:03	PS030056.D	7.46	0.00
PB167871BS	PB167871BS	05/06/2025	13:27	PS030057.D	7.46	0.00
1.BLK	1.BLK	05/06/2025	13:51	PS030058.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	14:15	PS030059.D	7.46	0.00
PB167774TB	PB167774TB	05/06/2025	14:40	PS030060.D	7.46	0.00
B-167-SB01MS	Q1901-08MS	05/06/2025	15:52	PS030063.D	7.46	0.00
B-167-SB01MSD	Q1901-08MSD	05/06/2025	16:16	PS030064.D	7.46	0.00
CO-8R-WC	Q1907-02	05/06/2025	17:52	PS030068.D	7.46	0.00
1.BLK	1.BLK	05/06/2025	18:16	PS030069.D	7.46	0.00
HSTDCCC750	HSTDCCC750	05/06/2025	18:40	PS030070.D	7.46	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-167-SB01MS

Contract: WALS01

Lab Code: CHEM

Case No.: Q1907

SAS No.: Q1907

SDG NO.: Q1907

Lab Sample ID: Q1901-08MS

Date(s) Analyzed: 05/06/2025

05/06/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-167-SB01MSD

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab Sample ID: Q1901-08MSD

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

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

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

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

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167871BS

Contract: WALS01

Lab Code: CHEM Case No.: Q1907

SAS No.: Q1907 SDG NO.: Q1907

Lab Sample ID: PB167871BS

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

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

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

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

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



QC SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167871BL	SDG No.:	Q1907
Lab Sample ID:	PB167871BL	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	620		39 - 175	124%	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\PS050625\
 Data File : PS030056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 13:03
 Operator : AR\AJ
 Sample : PB167871BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB167871BL

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

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

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

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

Target Compounds

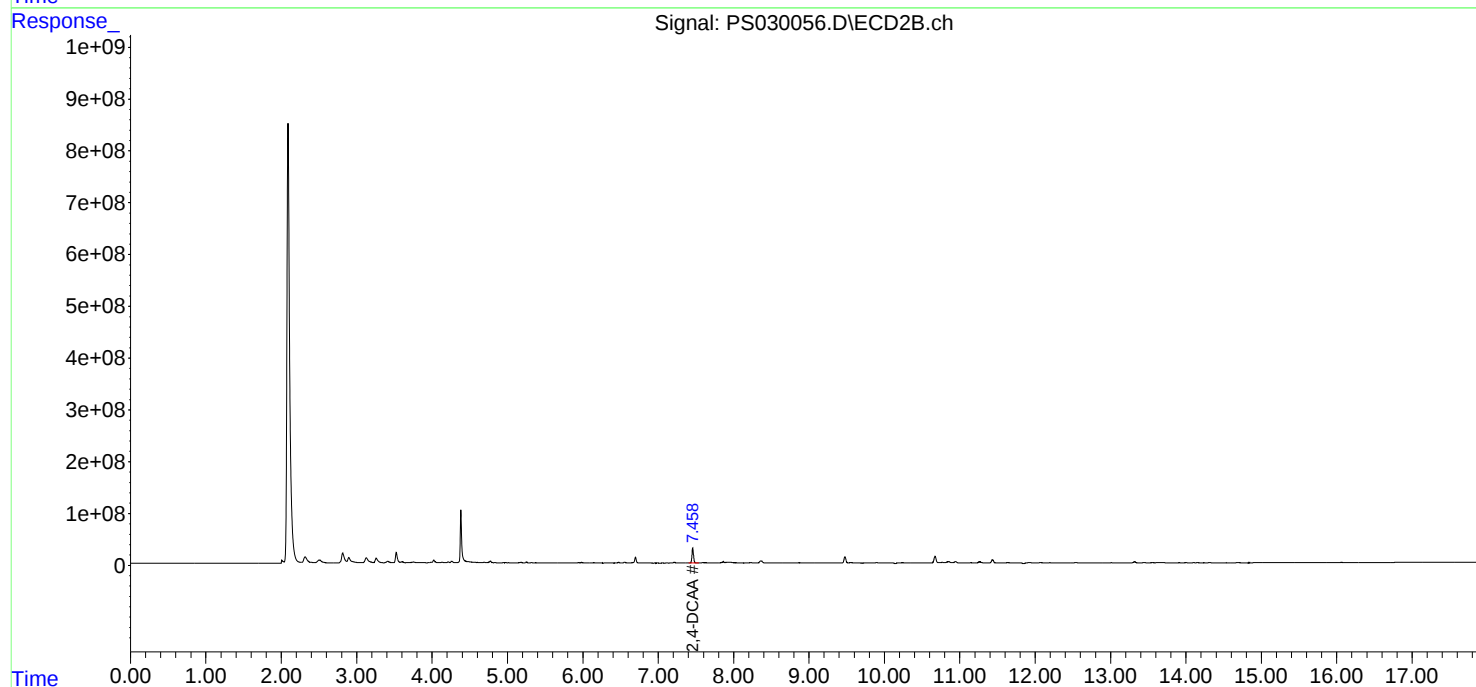
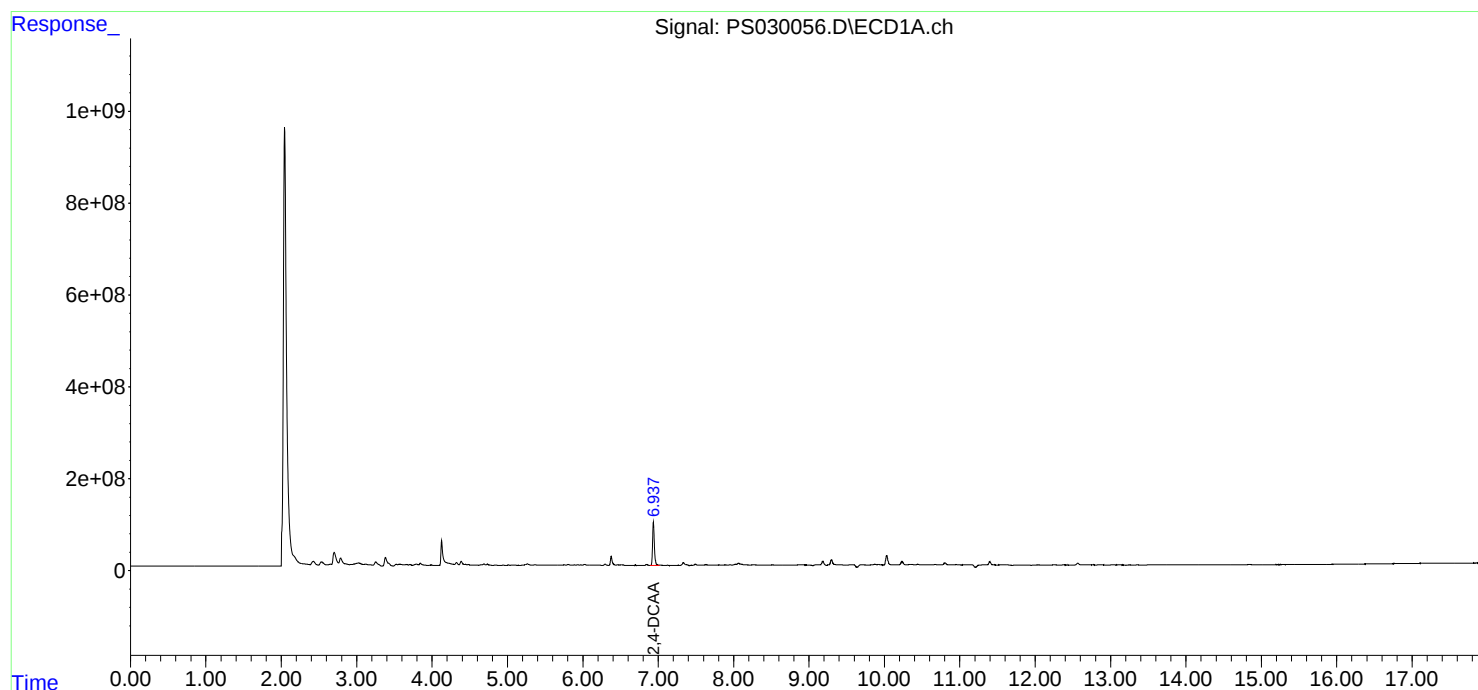
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

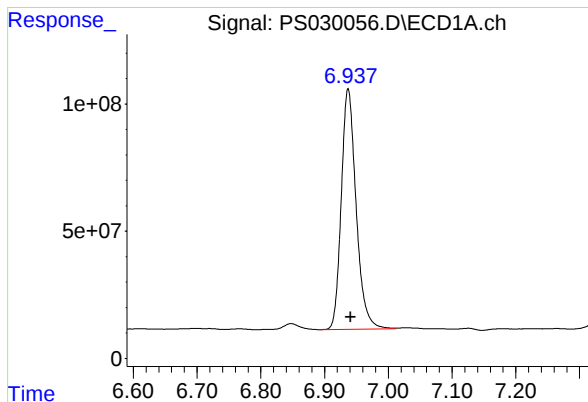
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030056.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 13:03
Operator : AR\AJ
Sample : PB167871BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
PB167871BL

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

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





#4 2,4-DCAA

R.T.: 6.937 min

Delta R.T.: -0.004 min

Response: 1525863866

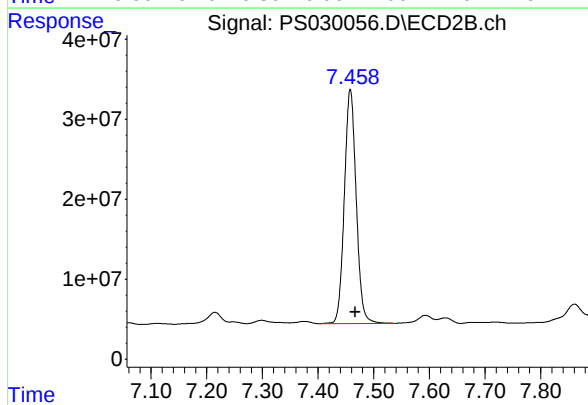
Conc: 620.00 ng/ml

Instrument :

ECD_S

ClientSampleId :

PB167871BL



#4 2,4-DCAA

R.T.: 7.458 min

Delta R.T.: -0.009 min

Response: 433632279

Conc: 615.50 ng/ml

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:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

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

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

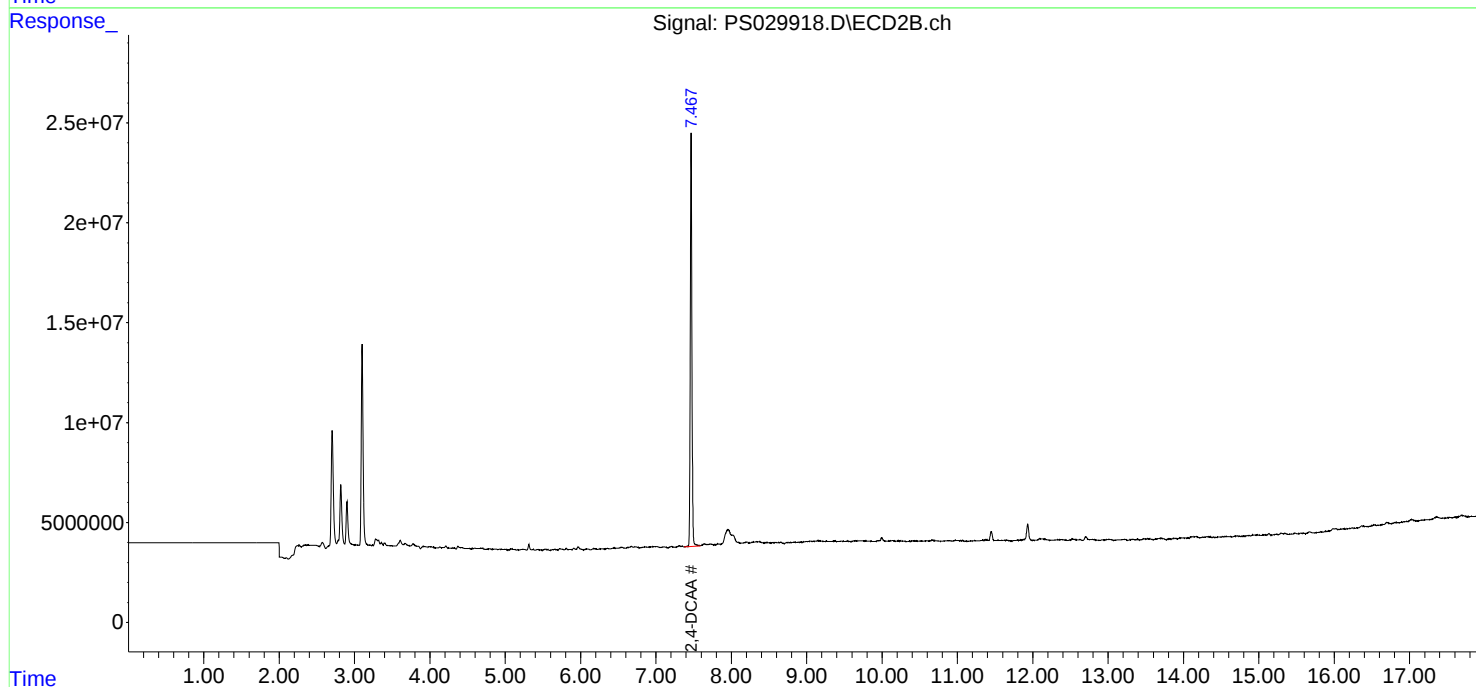
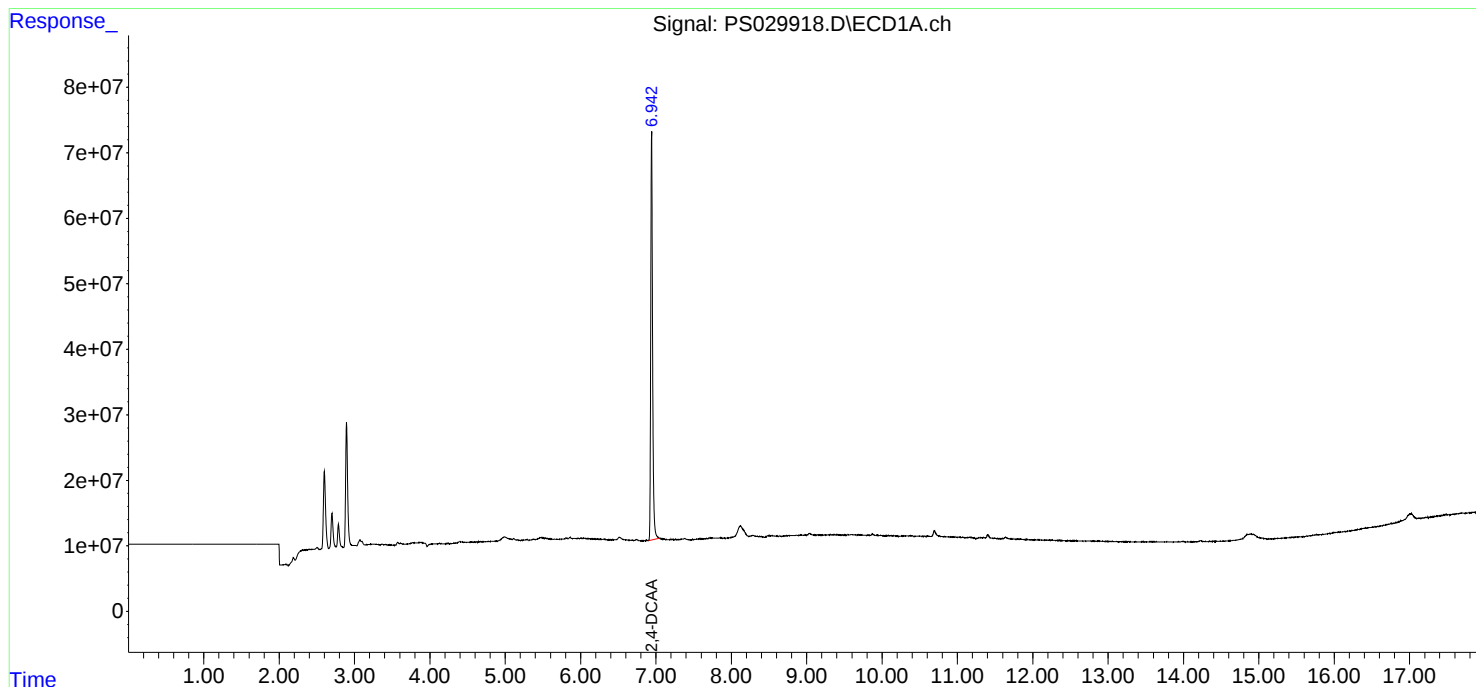
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

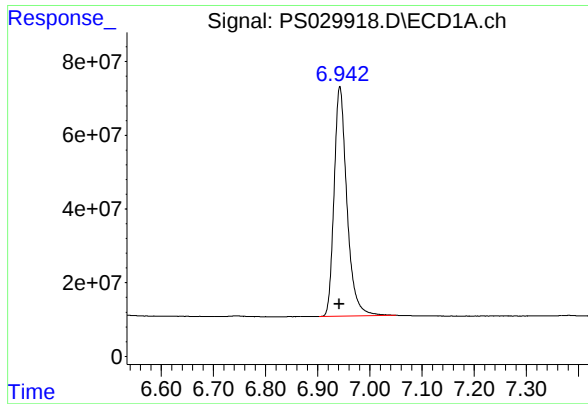
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS042325\
Data File : PS029918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 10:37
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

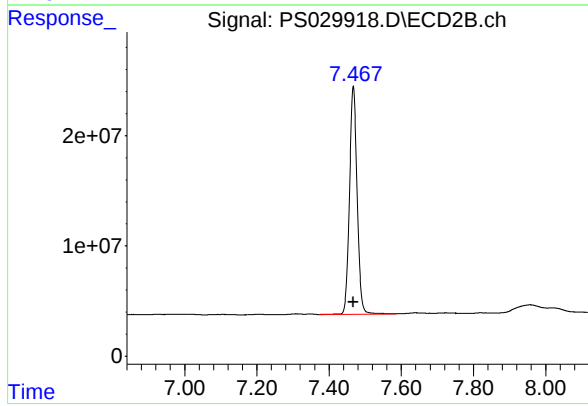
Conc: 432.76 ng/ml

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:	05/06/25
Project:	Walsh CO-032 Sampling	Date Received:	05/06/25
Client Sample ID:	PIBLK-PS030051.D	SDG No.:	Q1907
Lab Sample ID:	I.BLK-PS030051.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	561		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\PS050625\
Data File : PS030051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 08:58
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 06 13:10:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
Quant Title : 8080.M
QLast Update : Wed Apr 23 12:57:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
4) S 2,4-DCAA	6.937	7.460	1331.0E6	395.6E6	540.836	561.482

Target Compounds

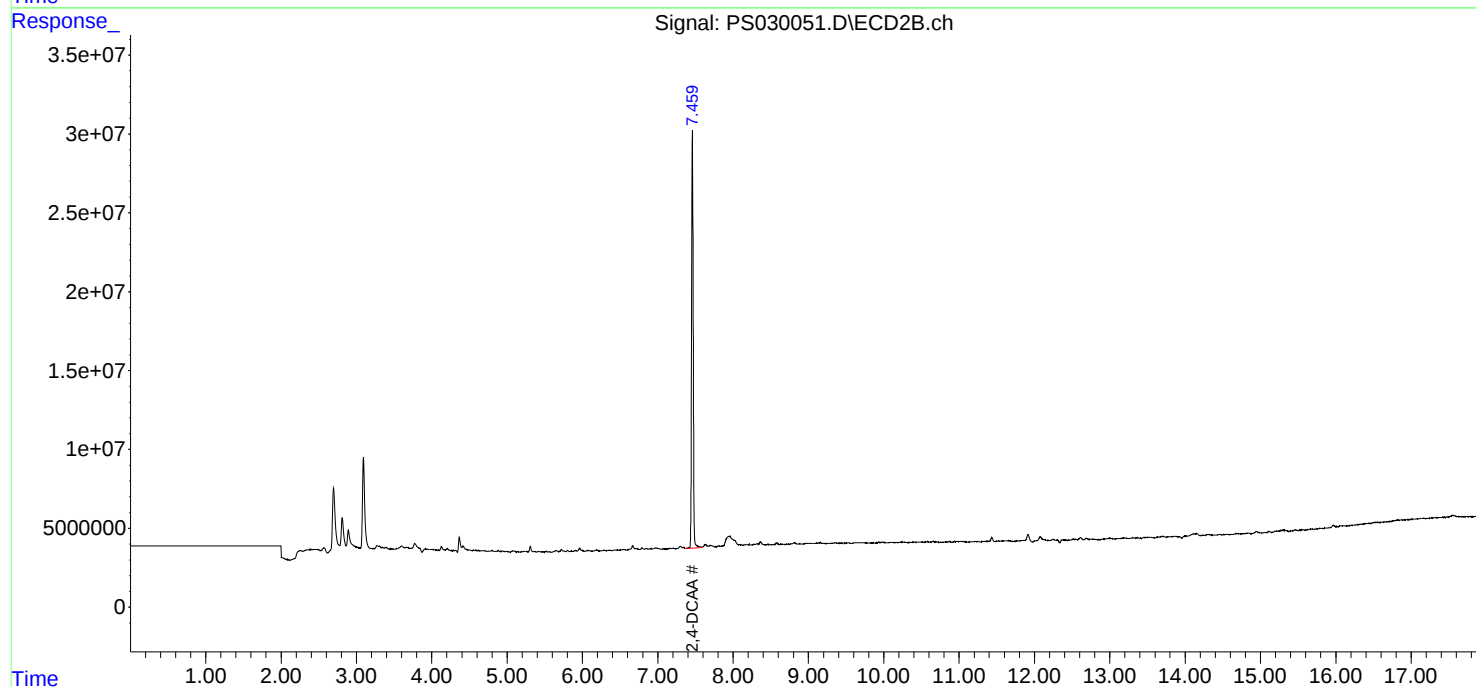
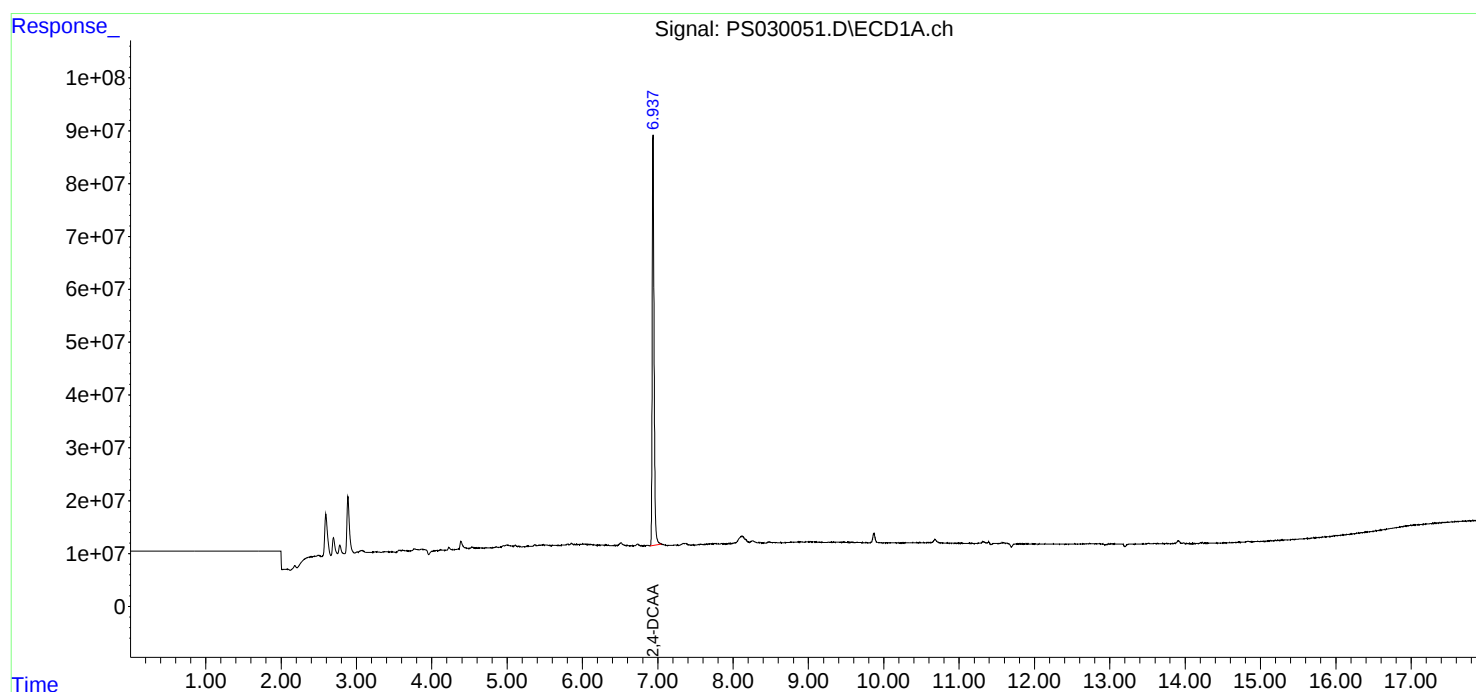
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

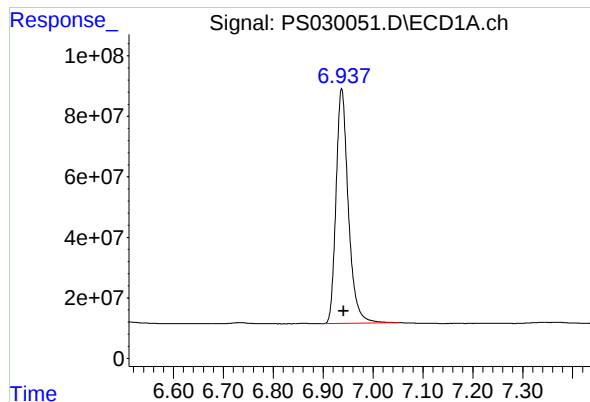
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030051.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 08:58
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 13:10:29 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: 1331040307

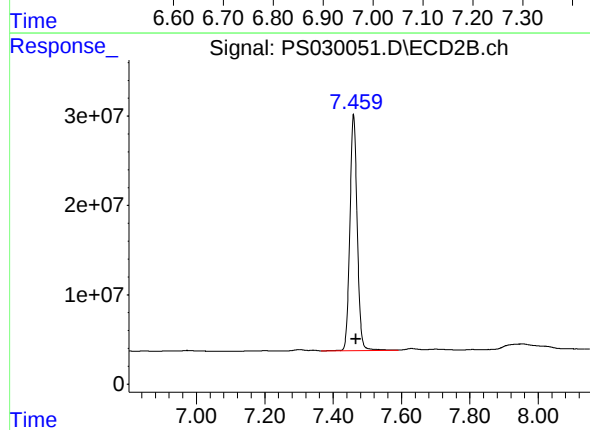
Conc: 540.84 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.460 min

Delta R.T.: -0.007 min

Response: 395573464

Conc: 561.48 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	05/06/25
Project:	Walsh CO-032 Sampling	Date Received:	05/06/25
Client Sample ID:	PIBLK-PS030058.D	SDG No.:	Q1907
Lab Sample ID:	I.BLK-PS030058.D	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3510C		

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	558		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\PS050625\
 Data File : PS030058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 13:51
 Operator : AR\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 01:54:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS042325.M
 Quant Title : 8080.M
 QLast Update : Wed Apr 23 12:57:40 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

4) S	2,4-DCAA	6.937	7.460	1311.3E6	393.3E6	532.822	558.282
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Target Compounds

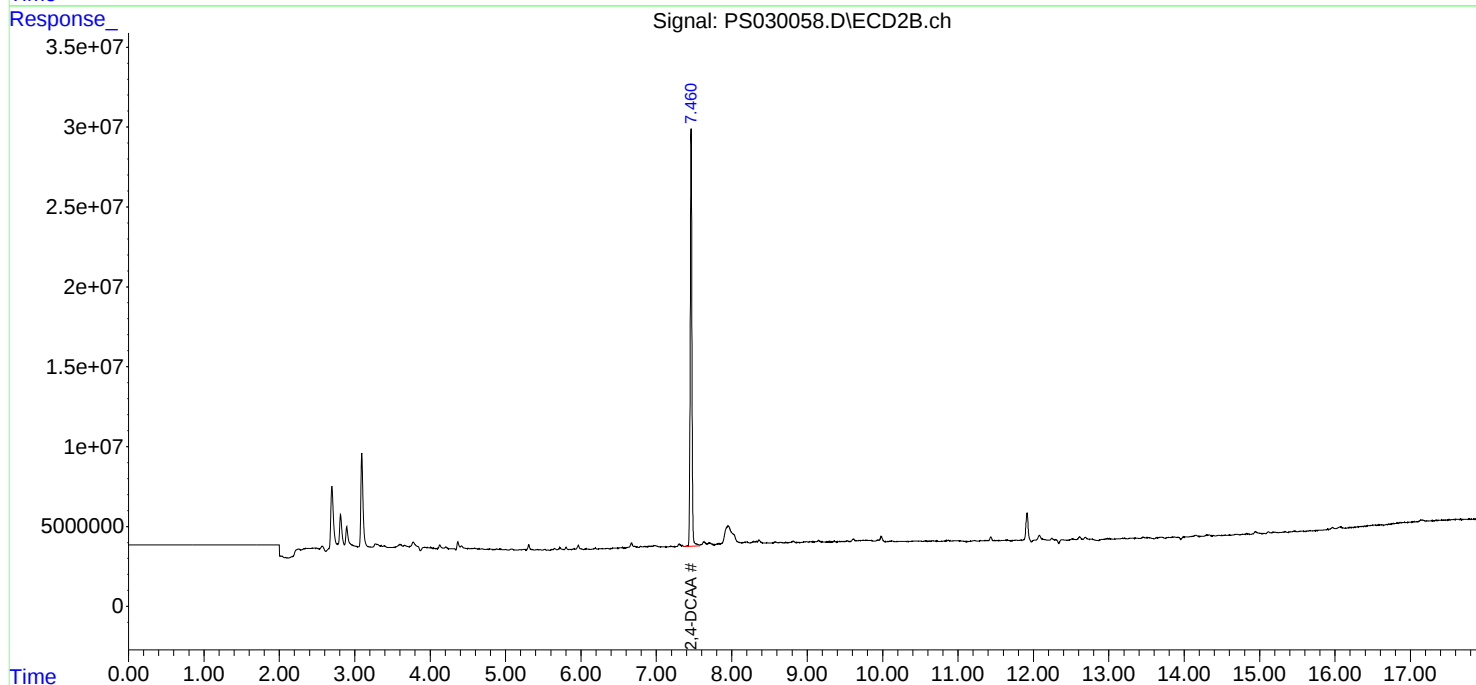
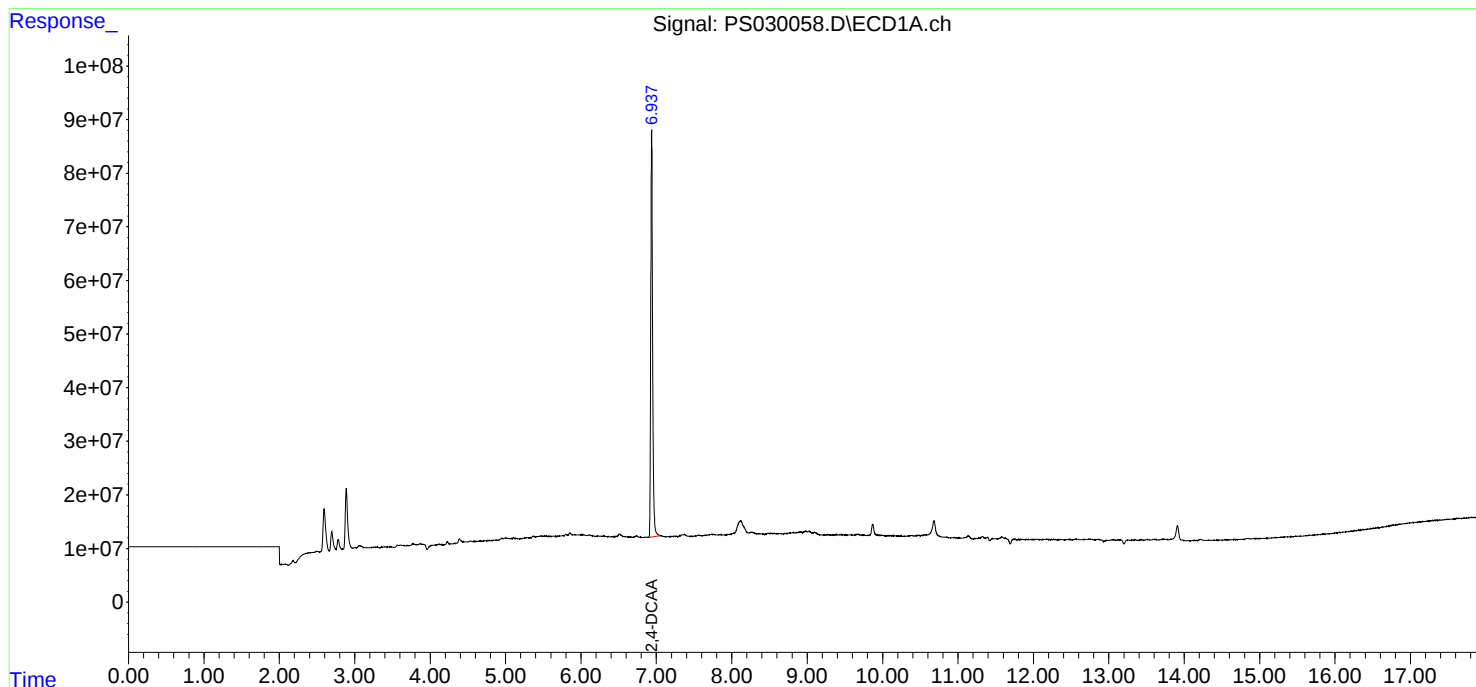
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

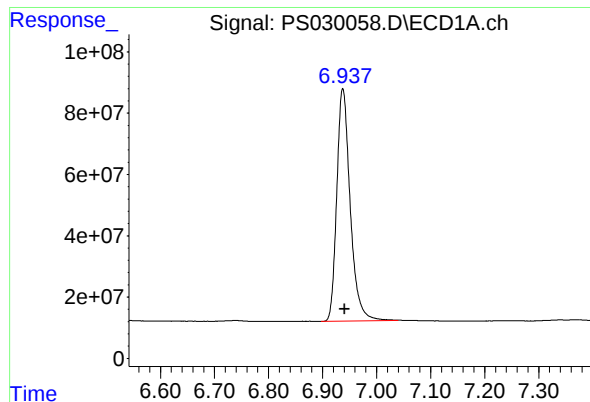
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030058.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 13:51
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 01:54:51 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

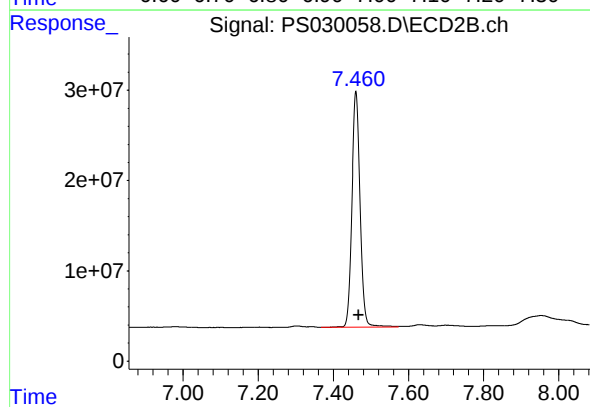
R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 1311316873
Conc: 532.82 ng/ml

Instrument :

ECD_S

ClientSampleId :

I.BLK



#4 2,4-DCAA

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 393319168
Conc: 558.28 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC			Date Collected:	05/06/25	
Project:	Walsh CO-032 Sampling			Date Received:	05/06/25	
Client Sample ID:	PIBLK-PS030069.D			SDG No.:	Q1907	
Lab Sample ID:	I.BLK-PS030069.D			Matrix:	TCLP	
Analytical Method:	SW8151A			% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	TCLP Herbicide	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				
Prep Method :	SW3510C					

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	563		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\PS050625\
Data File : PS030069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 18:16
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 07 02:01:05 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	7.460	1320.6E6	396.8E6	536.588	563.162
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Target Compounds

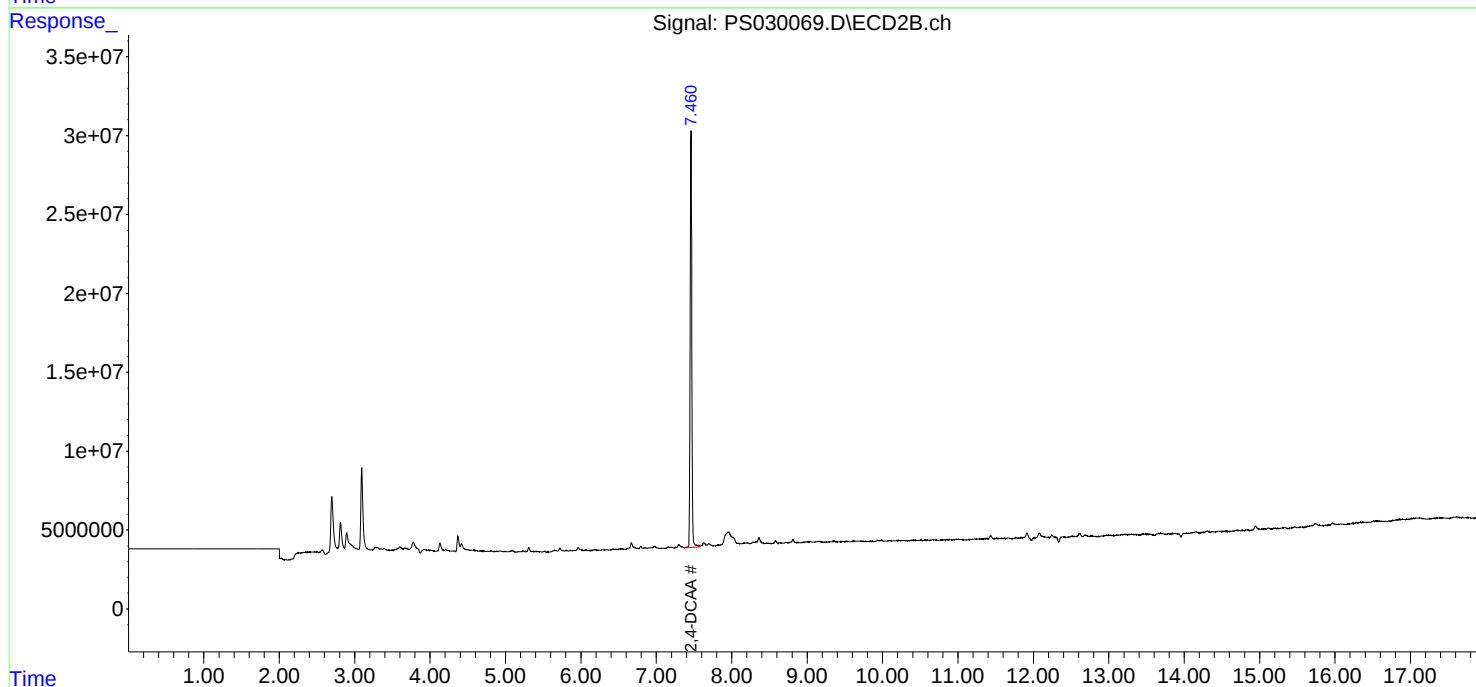
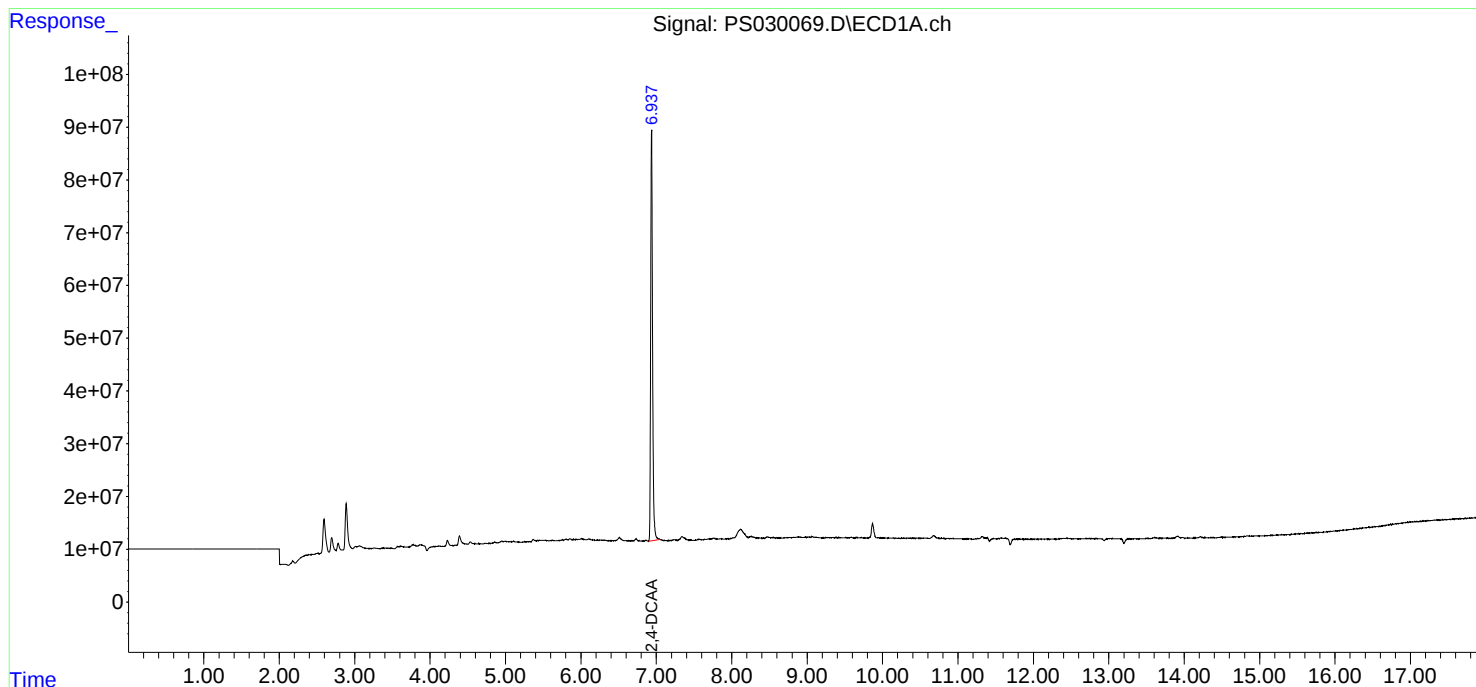
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

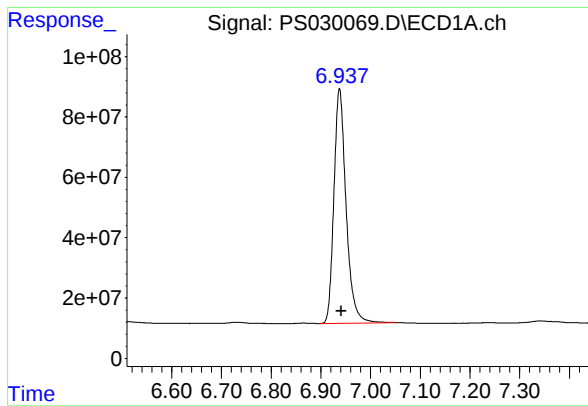
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS050625\
Data File : PS030069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 May 2025 18:16
Operator : AR\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_S
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 07 02:01:05 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

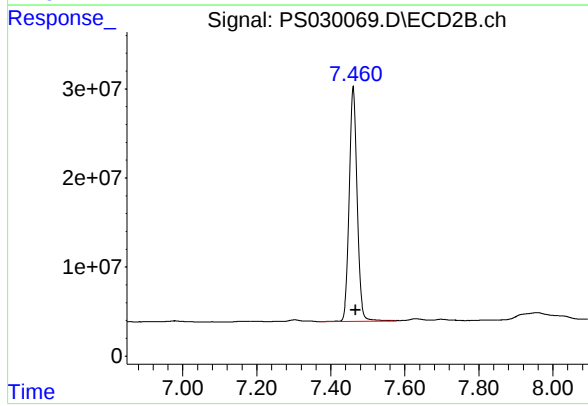




#4 2,4-DCAA

R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 1320586595
Conc: 536.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
I.BLK



#4 2,4-DCAA

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 396757511
Conc: 563.16 ng/ml

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	
Project:	Walsh CO-032 Sampling	Date Received:	
Client Sample ID:	PB167871BS	SDG No.:	Q1907
Lab Sample ID:	PB167871BS	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Herbicide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3510C		

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
94-75-7	2,4-D	5.30		0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	5.40		0.78	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	562		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\PS050625\
 Data File : PS030057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 13:27
 Operator : AR\AJ
 Sample : PB167871BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

PB167871BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

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

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

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

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

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

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

Instrument :

ECD_S

ClientSampleId :

PB167871BS

Manual Integrations

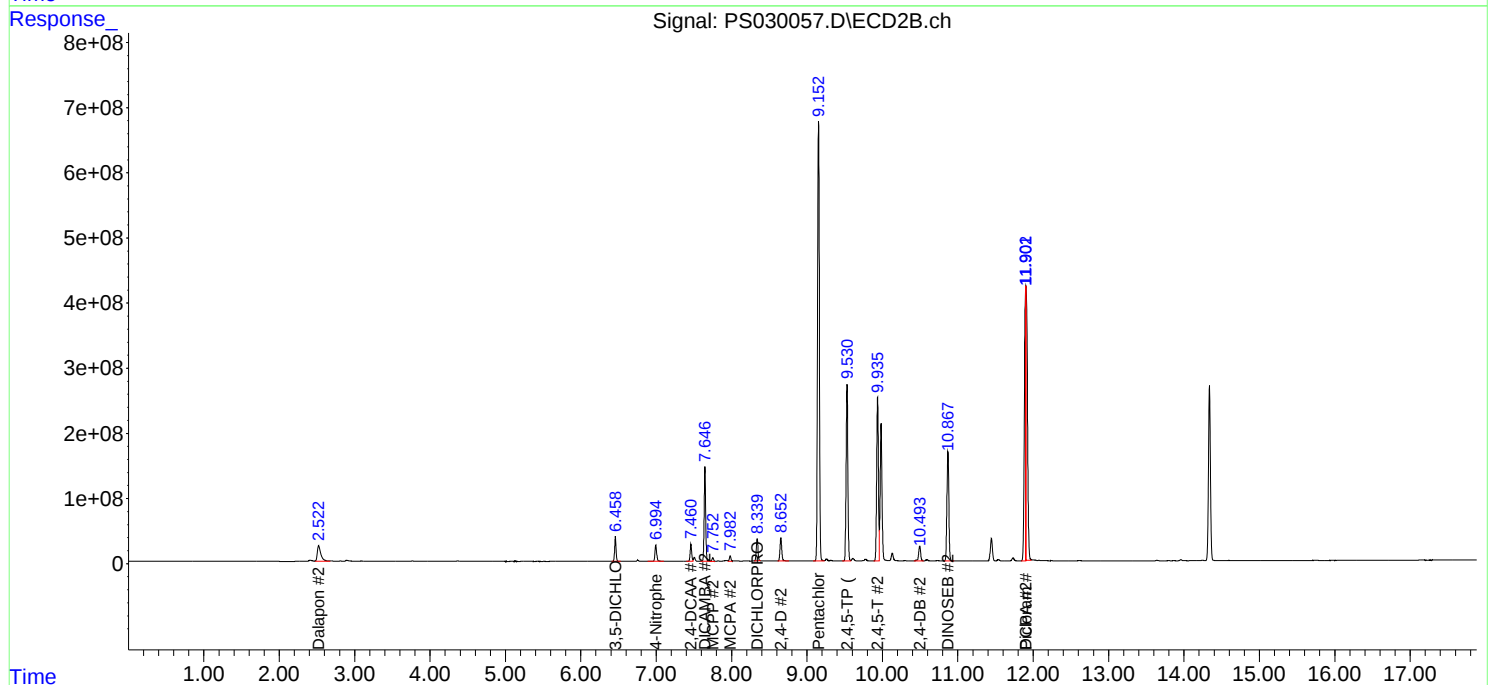
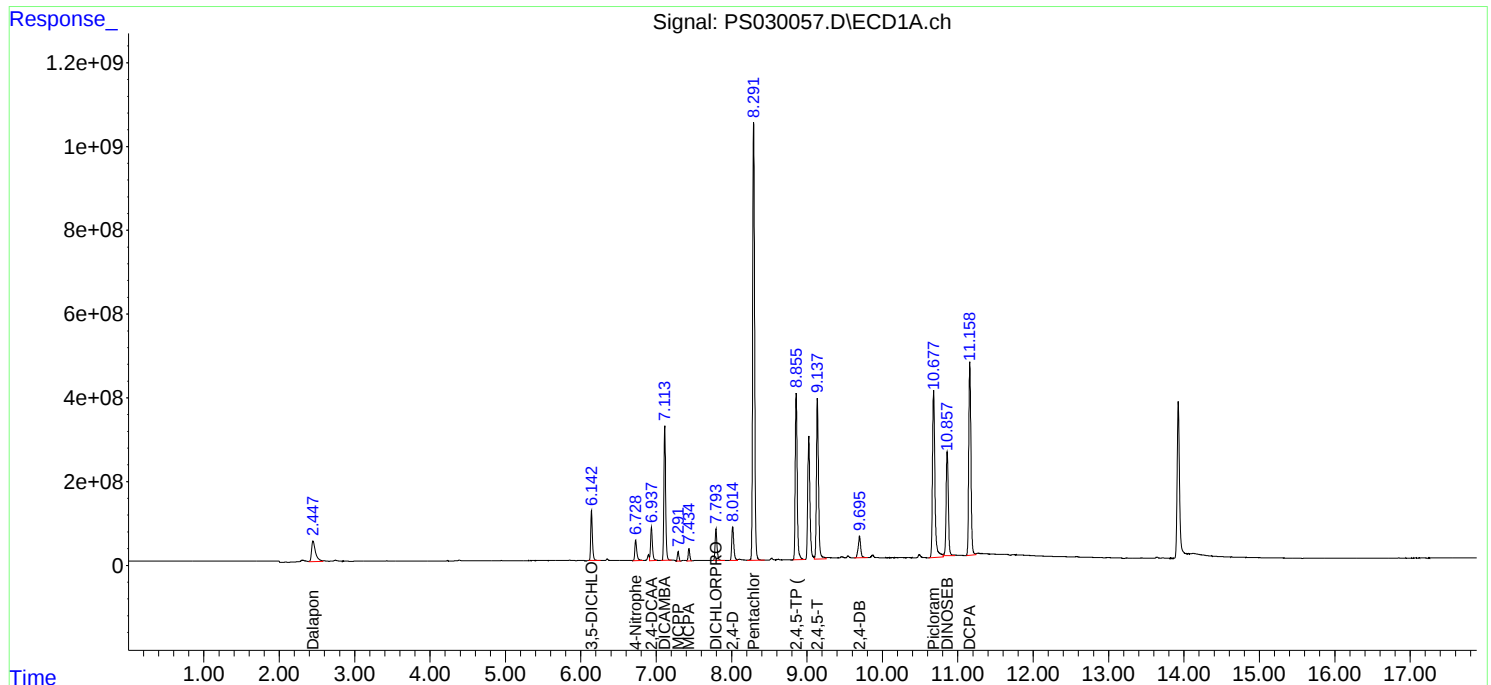
APPROVED

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

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

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



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/26/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MS	SDG No.:	Q1907
Lab Sample ID:	Q1901-08MS	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of 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\PS050625\
 Data File : PS030063.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 15:52
 Operator : AR\AJ
 Sample : Q1901-08MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

B-167-SB01MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

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

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

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

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

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

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

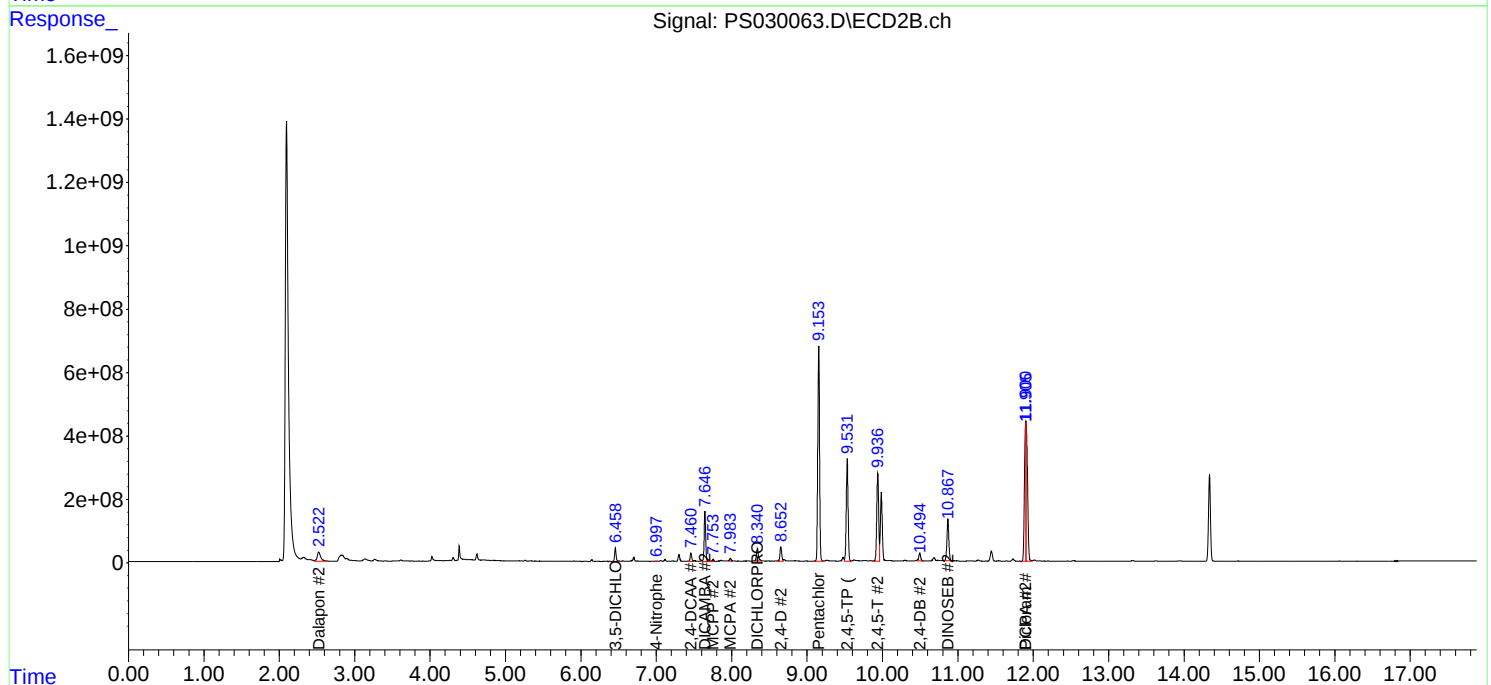
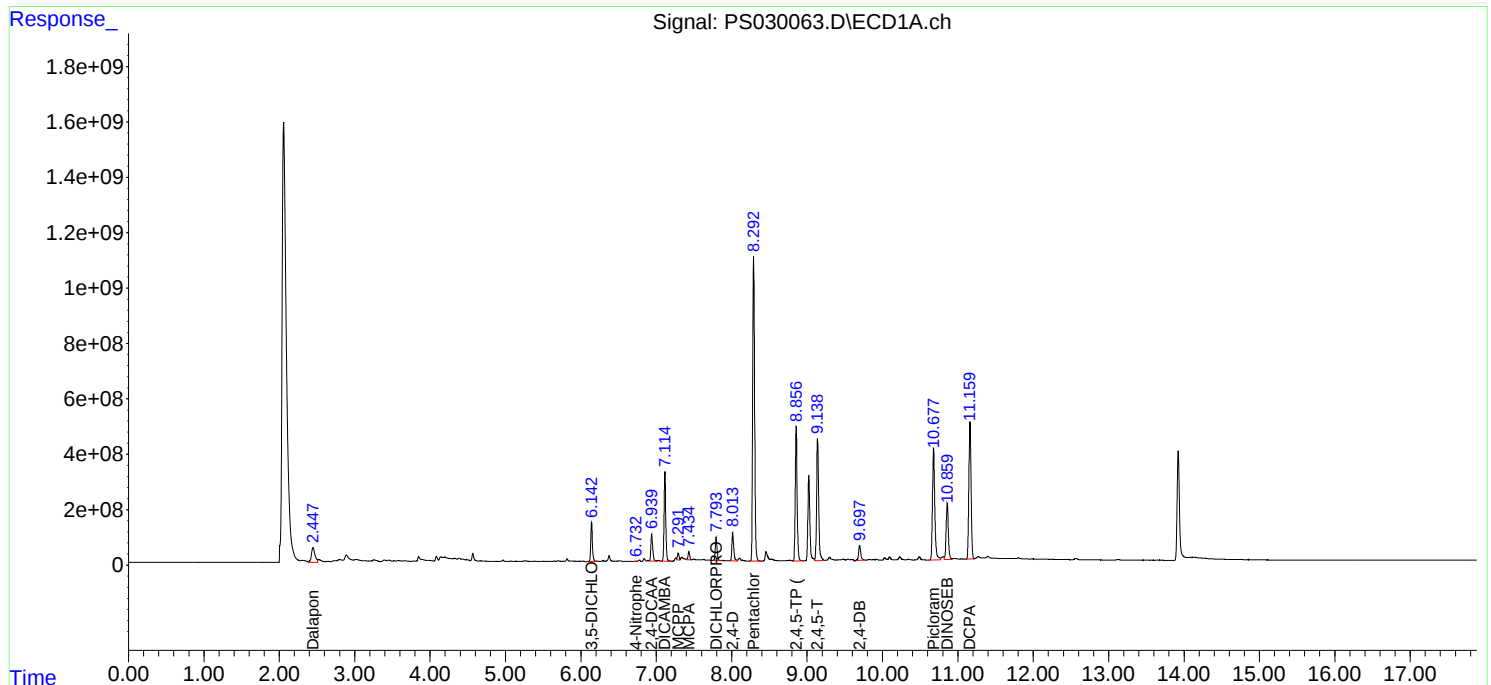
Instrument :
ECD_S
ClientSampleId :
B-167-SB01MS

Manual Integrations
APPROVED

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

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

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



Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	04/26/25
Project:	Walsh CO-032 Sampling	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MSD	SDG No.:	Q1907
Lab Sample ID:	Q1901-08MSD	Matrix:	TCLP
Analytical Method:	SW8151A	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

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

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

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of 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\PS050625\
 Data File : PS030064.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 May 2025 16:16
 Operator : AR\AJ
 Sample : Q1901-08MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_S

ClientSampleId :

B-167-SB01MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

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

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

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

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

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

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

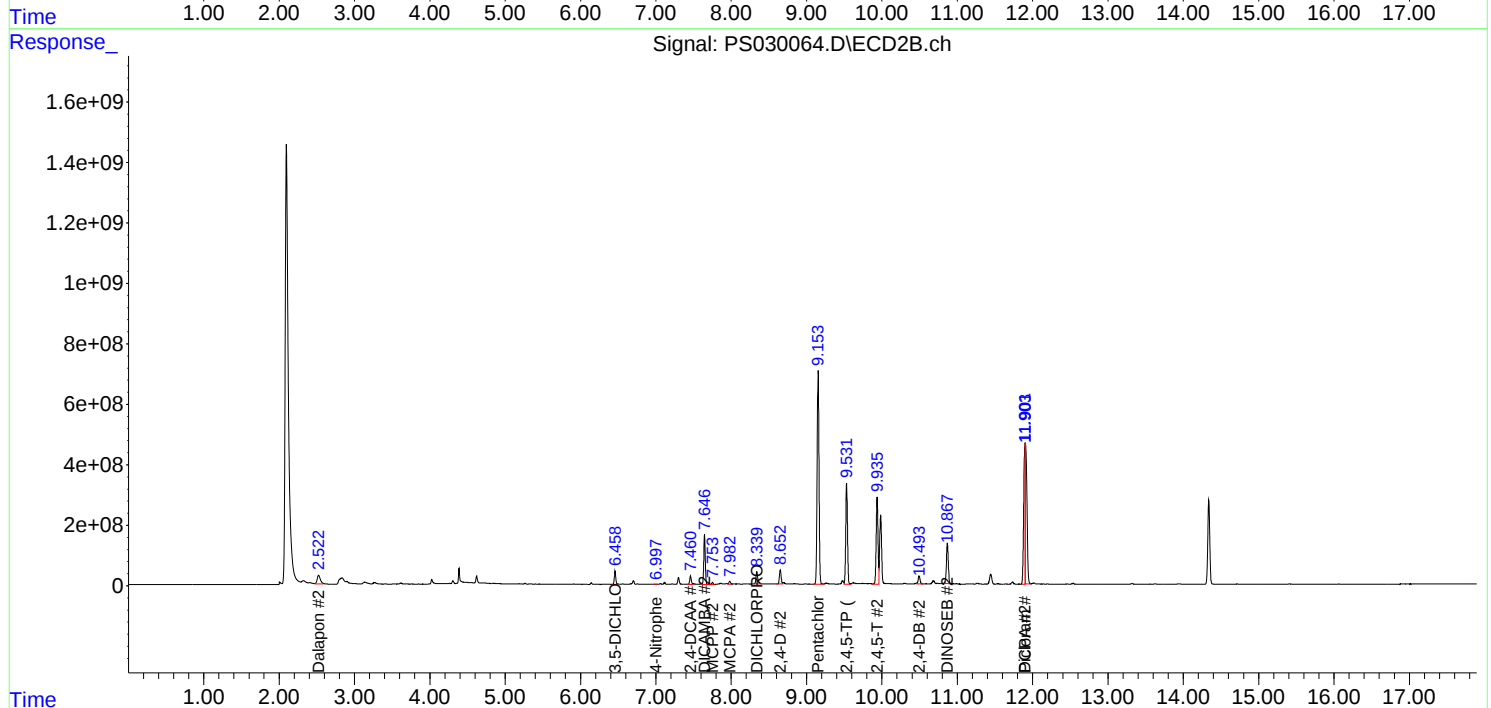
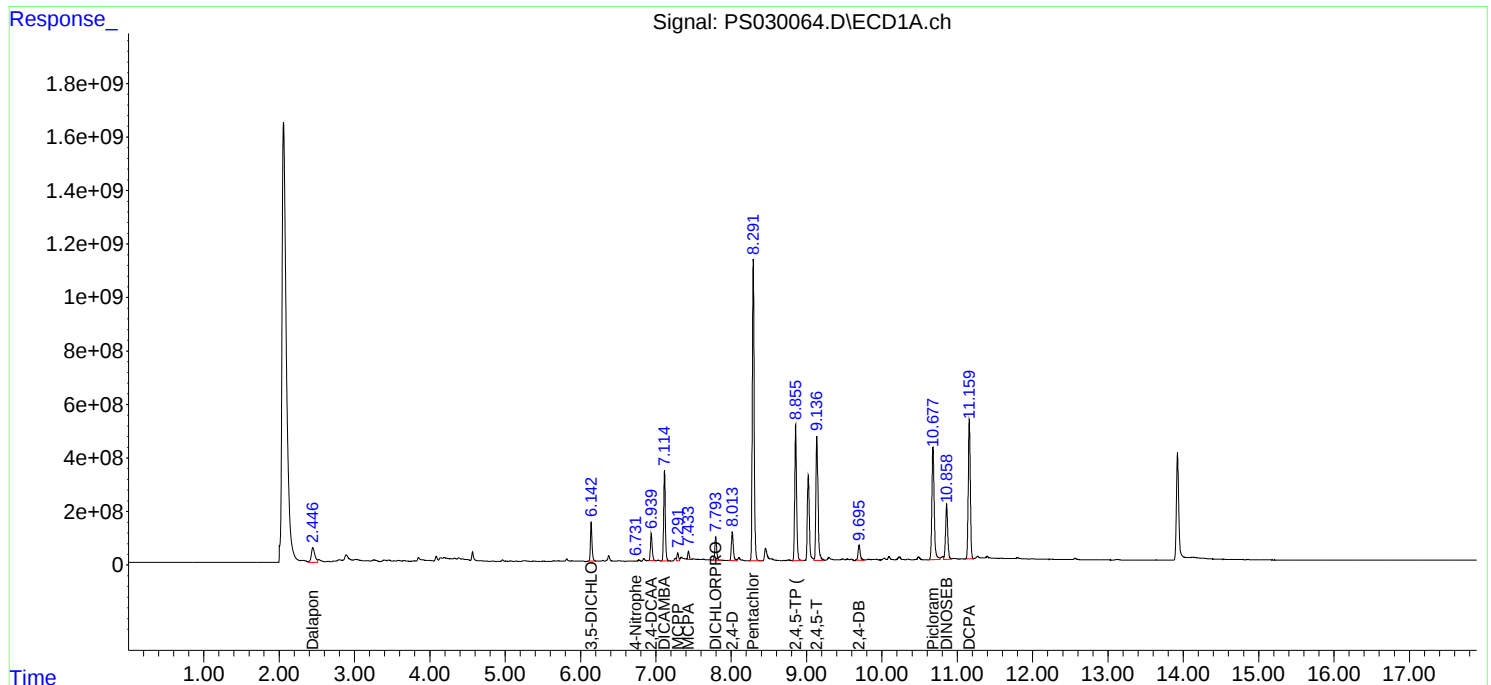
Instrument :
ECD_S
ClientSampleId :
B-167-SB01MSD

Manual Integrations
APPROVED

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

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

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



Manual Integration Report

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

Manual Integration Report

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

Manual Integration Report

Sequence:

PS050625

Instrument

ECD_s

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

Manual Integration Report

Sequence:

PS050625

Instrument

ECD_s

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

Manual Integration Report

Sequence:

PS050625

Instrument

ECD_s

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

Manual Integration Report

Sequence:

PS050625

Instrument

ECD_s

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1901-08MSD	PS030064.D	MCPA #2	yogesh	5/7/2025 9:51:53 AM	 	 	Peak Integrated by Software
Q1901-08MSD	PS030064.D	MCPD	yogesh	5/7/2025 9:51:53 AM	 	 	Peak Integrated by Software
Q1901-08MSD	PS030064.D	Picloram #2	yogesh	5/7/2025 9:51:53 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030070.D	DCPA #2	yogesh	5/7/2025 9:51:54 AM	 	 	Peak Integrated by Software
HSTDCCC750	PS030070.D	Picloram #2	yogesh	5/7/2025 9:51:54 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 # PS050625

Review By	Abdul	Review On	5/6/2025 3:18:05 PM
Supervise By	yogesh	Supervise On	5/7/2025 9:52:52 AM
SubDirectory	PS050625	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PS030050.D	06 May 2025 08:34	AR\AJ	Ok
2	I.BLK	PS030051.D	06 May 2025 08:58	AR\AJ	Ok
3	HSTDCCC750	PS030052.D	06 May 2025 09:50	AR\AJ	Ok,NS
4	Q1929-03	PS030053.D	06 May 2025 11:27	AR\AJ	Ok,NS
5	Q1929-07	PS030054.D	06 May 2025 12:09	AR\AJ	Ok
6	Q1929-11	PS030055.D	06 May 2025 12:33	AR\AJ	Ok
7	PB167871BL	PS030056.D	06 May 2025 13:03	AR\AJ	Ok
8	PB167871BS	PS030057.D	06 May 2025 13:27	AR\AJ	Ok,NS
9	I.BLK	PS030058.D	06 May 2025 13:51	AR\AJ	Ok
10	HSTDCCC750	PS030059.D	06 May 2025 14:15	AR\AJ	Ok,NS
11	PB167774TB	PS030060.D	06 May 2025 14:40	AR\AJ	Ok
12	PB167815TB	PS030061.D	06 May 2025 15:04	AR\AJ	Ok
13	Q1901-08	PS030062.D	06 May 2025 15:28	AR\AJ	Ok
14	Q1901-08MS	PS030063.D	06 May 2025 15:52	AR\AJ	Ok,NS
15	Q1901-08MSD	PS030064.D	06 May 2025 16:16	AR\AJ	Ok,NS
16	Q1901-09	PS030065.D	06 May 2025 16:40	AR\AJ	Ok
17	Q1901-10	PS030066.D	06 May 2025 17:04	AR\AJ	Ok
18	Q1901-11	PS030067.D	06 May 2025 17:28	AR\AJ	Ok
19	Q1907-02	PS030068.D	06 May 2025 17:52	AR\AJ	Ok
20	I.BLK	PS030069.D	06 May 2025 18:16	AR\AJ	Ok
21	HSTDCCC750	PS030070.D	06 May 2025 18:40	AR\AJ	Ok,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	PP24066		
Internal Standard/PEM	PP24069,PP24070		
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS042325

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

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

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS050625

Review By	Abdul	Review On	5/6/2025 3:18:05 PM
Supervise By	yogesh	Supervise On	5/7/2025 9:52:52 AM
SubDirectory	PS050625	HP Acquire Method	HP Processing Method ps042325 8151

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

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

Instrument ID: ECD_S

Daily Analysis Runlog For Sequence/QC Batch ID # PS050625

Review By	Abdul	Review On	5/6/2025 3:18:05 PM
Supervise By	yogesh	Supervise On	5/7/2025 9:52:52 AM
SubDirectory	PS050625	HP Acquire Method	HP Processing Method ps042325 8151
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24064,PP24065,PP24066,PP24067,PP24068		
CCC Internal Standard/PEM	PP24066		
ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24069,PP24070		

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

M : Manual Integration

SOP ID : M1311-TCLP-15

SDG No : N/A

Welgh By : JP

Balance ID : WC SC-7

pH Meter ID : WC PH METER-1

Extraction By : JP

Filter By : JP

Pippete ID : WC

Tumbler ID : T-1 / T-2

TCLP Filter ID : 115525

Start Prep Date : 04/29/2025 **Time :** 17:20

End Prep Date : 04/30/2025 **Time :** 11:30

Combination Ratio : 20

ZHE Cleaning Batch : N/A

Initial Room Temperature: 23 °C

Final Room Temperature: 22 °C

TCLP Technician Signature : [Signature]

Supervisor By : [Signature]

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

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

Extraction Conformance/Non-Conformance Comments:

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/30/25 13:00	JP Lab Room	SW, RJL E-1
	Preparation Group	Analysis Group

[Signature]

TCLP EXTRACTION LOGPAGE

PB167774

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

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

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

 Thermometer ID : FLASHPOINT

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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : TCLP Q1907 WorkList ID : 189188 Department : TCLP Extraction Date : 04-29-2025 07:58:37

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

Date/Time 04/29/25 17:00
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 04/29/25 19:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

SOP ID: M8151A-Herbicide-22

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RS

pH Meter ID: N/A

Hood ID: 4,5,7

Extraction Start Date : 05/05/2025

Extraction Start Time : 08:50

Extraction End Date : 05/05/2025

Extraction End Time : 15:55

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel

☐ Continuous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☐ Soxhlet

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

Chemical Used	ML/SAMPLE USED	Lot Number
Ether	N/A	E3881
Acidified Na2SO4	N/A	EP2576
12N H2SO4	N/A	EP2605
NAOH 6N	N/A	EP2606
ISO OCTANE	N/A	E3554
METHANOL	N/A	V14622
Diazomethane	N/A	EP2608
Hexane	N/A	E3933
NACL	N/A	M4459
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/5/25	RS (E4-Lab.)	R. P. 12/12/25 Lab
16:00	Preparation Group	Analysis Group

Analytical Method: M8151A-Herbicide-22

Concentration Date: 05/05/2025

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

* Extracts relinquished on the same date as received.

167864
9:06

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1954 WorkList ID : 189317 Department : Extraction Date : 05-05-2025 08:53:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1954-01	BC260874-1-1	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/02/2025	8082A
Q1954-02	BC260874-1-2	Solid	PCB	Cool 4 deg C	PSEG03	L41	05/02/2025	8082A

Date/Time 5/5/25 8:35
Raw Sample Received by: RJ (EAT 646)
Raw Sample Relinquished by: CP SR

Date/Time 5/5/25 9:10
Raw Sample Received by: CP SR
Raw Sample Relinquished by: RJ (EAT 646)



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 Metals (52100)
4. TCL PCBs (52100)
5. TCL Pesticides (52100)
6. TCL PAHs (52100)
7. TCL PCBs (52100)
8. TCL PAHs (52100)
9. TCL PCBs (52100)
10. TCL PAHs (52100)
11. TCL PCBs (52100)
12. TCL PAHs (52100)
13. TCL PCBs (52100)
14. TCL PAHs (52100)
15. TCL PCBs (52100)
16. TCL PAHs (52100)
17. TCL PCBs (52100)
18. TCL PAHs (52100)
19. TCL PCBs (52100)
20. TCL PAHs (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 B-HNO3 C-H2SO4	D-NaOH E-ICE F-OTHER (method)
								1	2	3	4	5	6	7	8	9		
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>

Page 1 of 1 CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

Laboratory Certification

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : 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 level 1
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 : 

Date / Time : 4-28-25 1645

Received By : 

Date / Time : 4/28/25 1645

Storage Area : VOA Refridgerator Room