

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082925\
 Data File : PS031581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2025 22:21
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/02/2025
 Supervised By :mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 06:17:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
 Quant Title : 8080.M
 QLast Update : Fri Aug 08 03:17:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	7.285	7.742	2415.9E6	591.9E6	761.143	700.200
Target Compounds							
1) T	Dalapon	2.673	2.693	3149.9E6	1588.3E6	600.097	596.870
2) T	3,5-DICHL...	6.453	6.694	3358.8E6	960.8E6	711.865	710.719
3) T	4-Nitroph...	7.094	7.293	724.3E6	712.2E6	702.025	566.640
5) T	DICAMBA	7.470	7.938	9772.7E6	3920.3E6	699.725	689.871
6) T	MCPD	7.647	8.034	662.5E6	132.6E6	82.349m	75.026m
7) T	MCPA	7.797	8.282	717.6E6	180.6E6	72.041	64.376
8) T	DICHLORPROP	8.177	8.658	2239.3E6	913.4E6	705.861	684.210
9) T	2,4-D	8.413	8.999	2166.6E6	908.8E6	753.113	636.701
10) T	Pentachlo...	8.709	9.508	37509.6E6	26255.3E6	781.247	753.847
11) T	2,4,5-TP ...	9.286	9.893	13493.8E6	9331.1E6	752.849	711.428
12) T	2,4,5-T	9.583	10.322	11599.8E6	8266.9E6	791.730	698.235
13) T	2,4-DB	10.159	10.890	1523.1E6	601.4E6	792.593	623.261
14) T	DINOSEB	11.357	11.266	8763.5E6	6069.6E6	691.210	641.819
15) T	Picloram	11.185	12.387	9801.9E6	11923.2E6	750.865m	680.167m
16) T	DCPA	11.655	12.307	17978.1E6	15449.7E6	789.227m	784.233m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS082925\
Data File : PS031581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Aug 2025 22:21
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

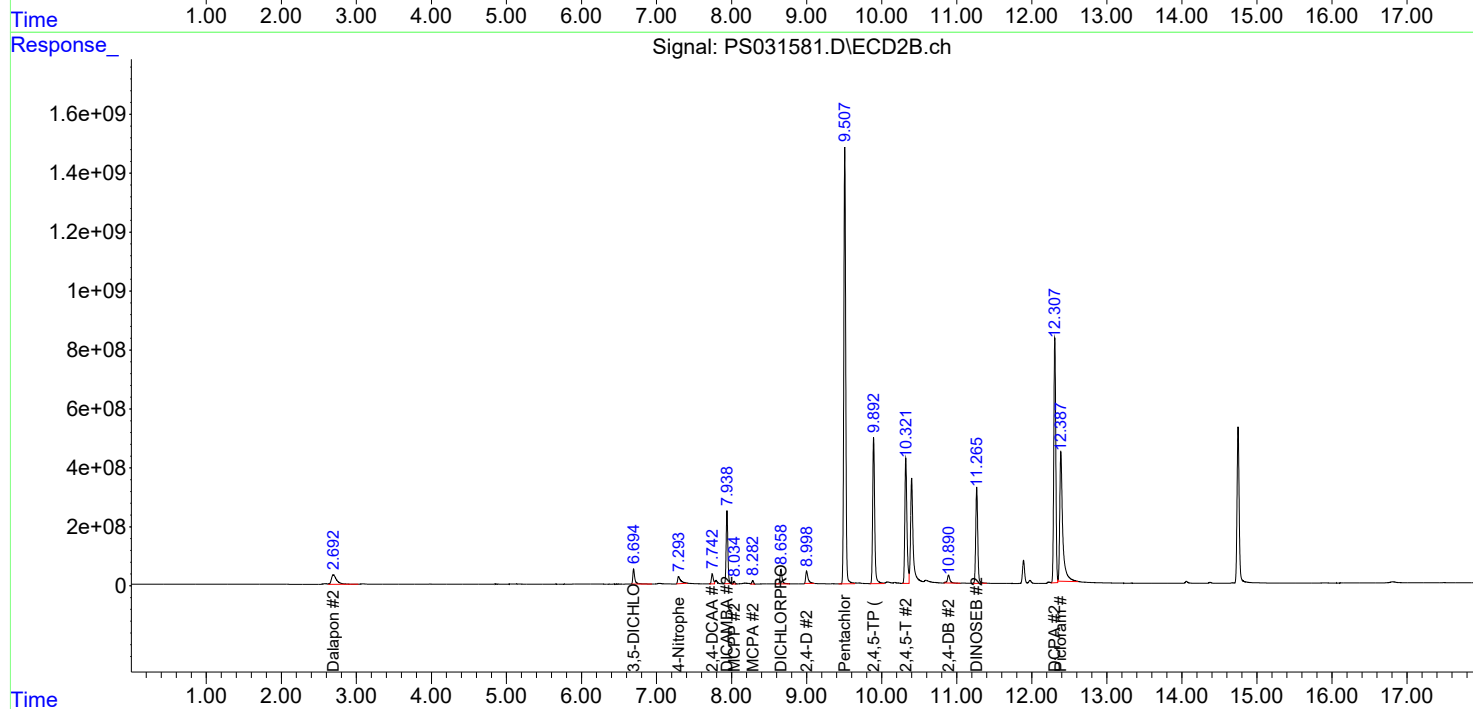
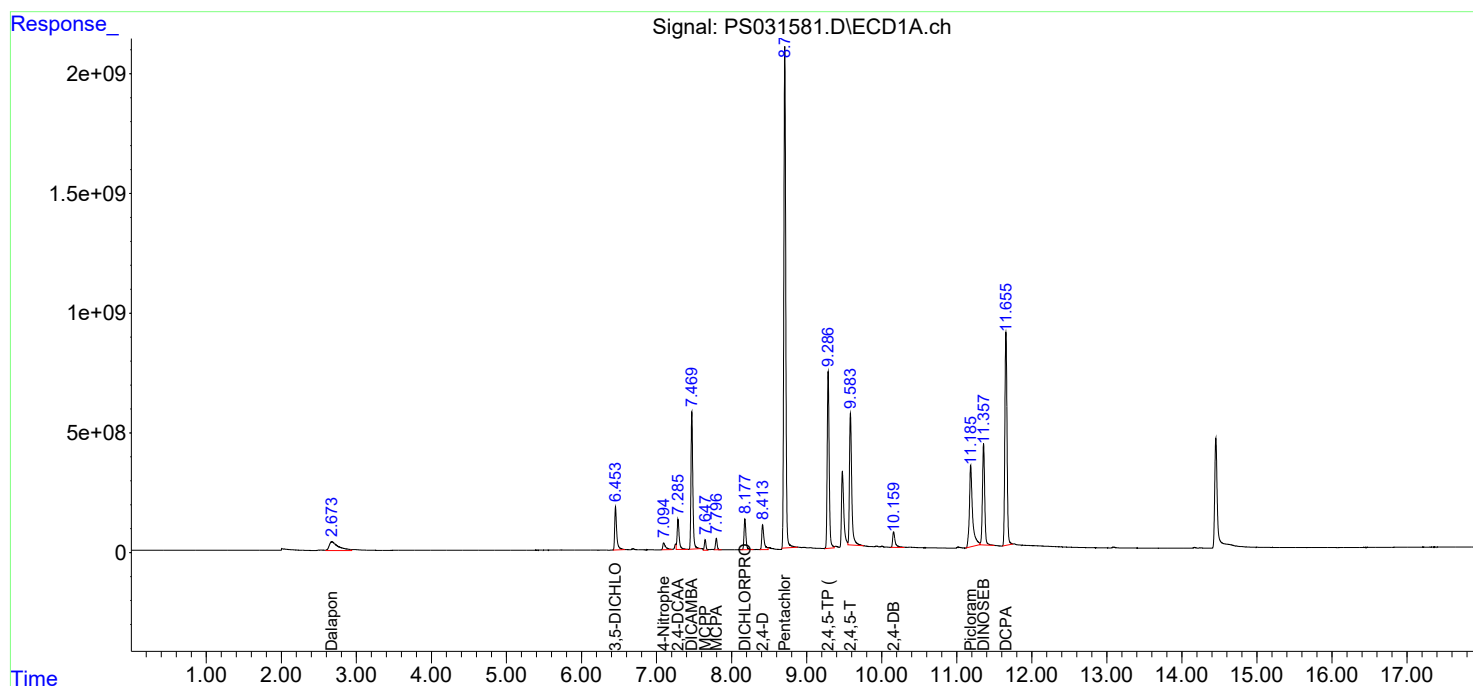
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

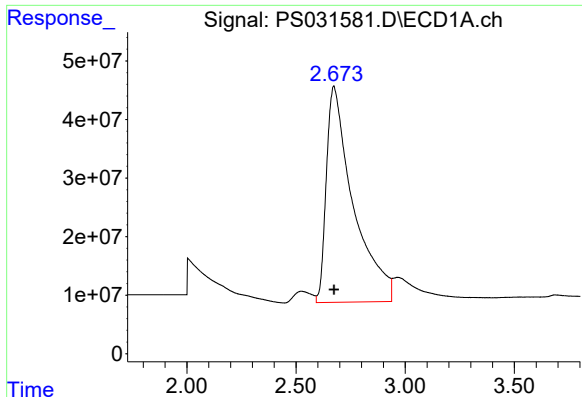
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 06:17:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080725.M
Quant Title : 8080.M
QLast Update : Fri Aug 08 03:17:54 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





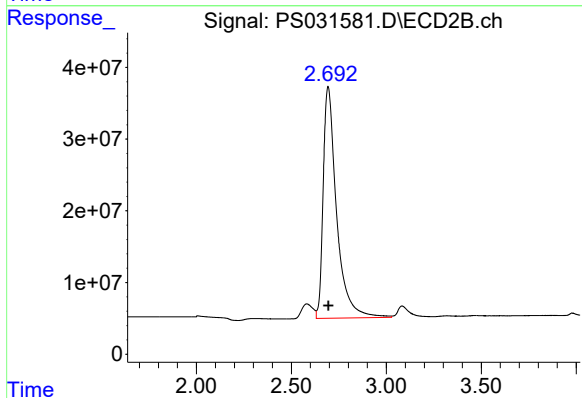
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: -0.001 min
Response: 3149869008
Conc: 600.10 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

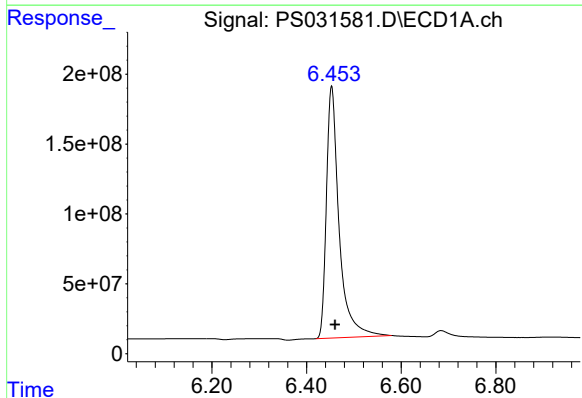
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025



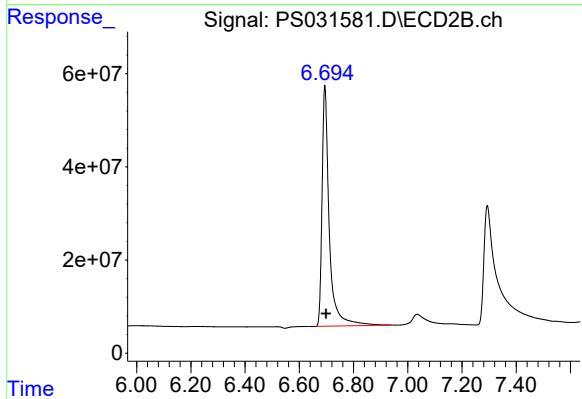
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.001 min
Response: 1588277239
Conc: 596.87 ng/ml



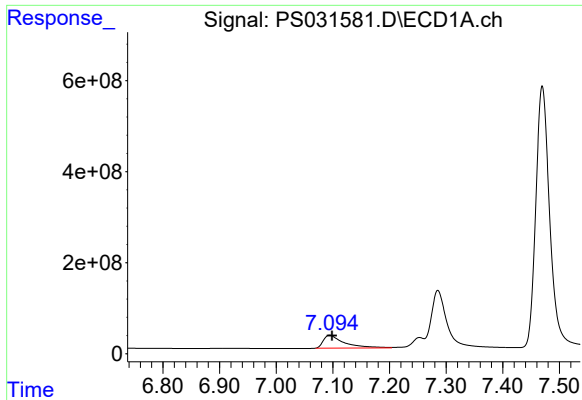
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: -0.008 min
Response: 3358803792
Conc: 711.87 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.694 min
Delta R.T.: -0.005 min
Response: 960842404
Conc: 710.72 ng/ml



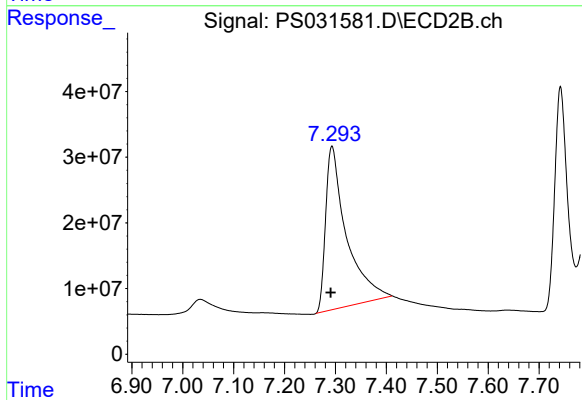
#3 4-Nitrophenol

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 724264964
Conc: 702.03 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

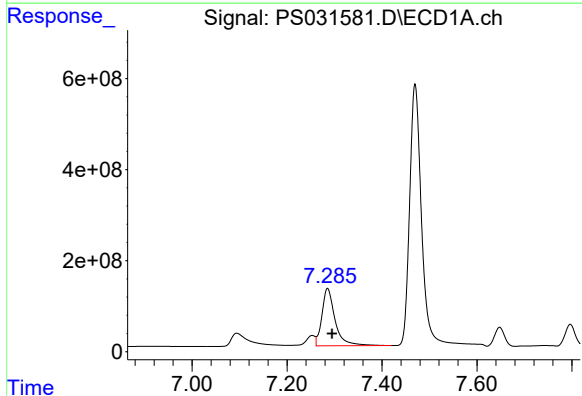
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025



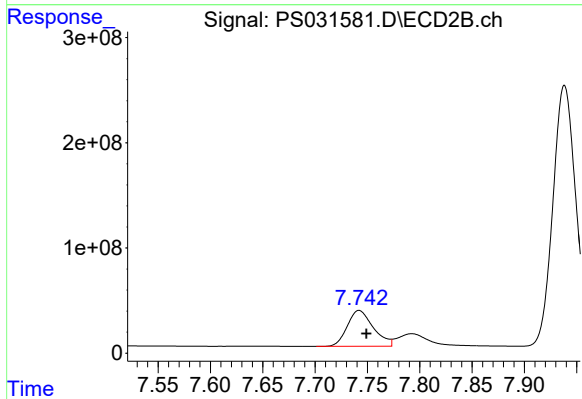
#3 4-Nitrophenol

R.T.: 7.293 min
Delta R.T.: 0.003 min
Response: 712204533
Conc: 566.64 ng/ml



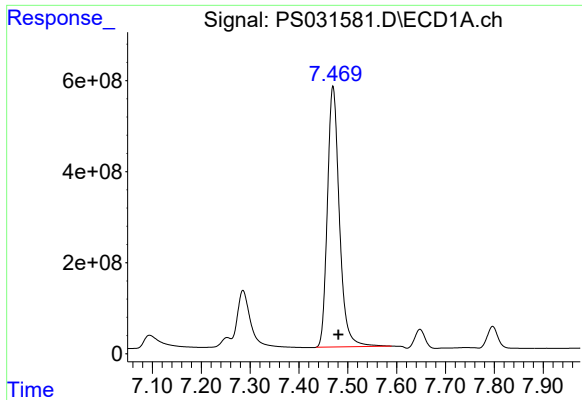
#4 2,4-DCAA

R.T.: 7.285 min
Delta R.T.: -0.010 min
Response: 2415859292
Conc: 761.14 ng/ml



#4 2,4-DCAA

R.T.: 7.742 min
Delta R.T.: -0.007 min
Response: 591906946
Conc: 700.20 ng/ml



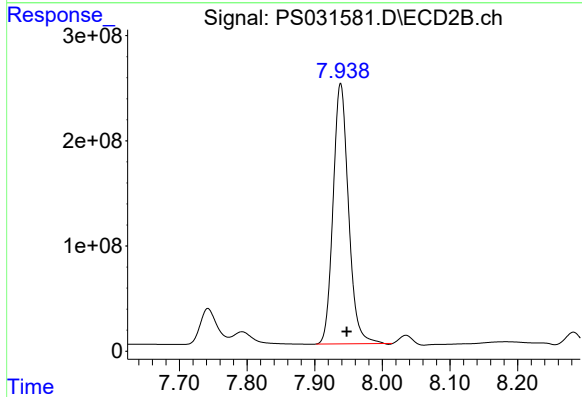
#5 DICAMBA

R.T.: 7.470 min
Delta R.T.: -0.011 min
Response: 9772686809
Conc: 699.73 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

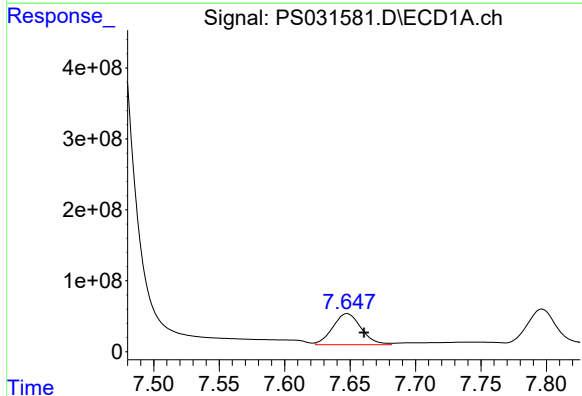
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025



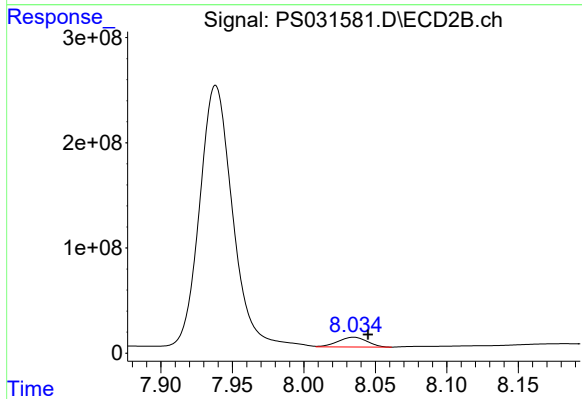
#5 DICAMBA

R.T.: 7.938 min
Delta R.T.: -0.009 min
Response: 3920325167
Conc: 689.87 ng/ml



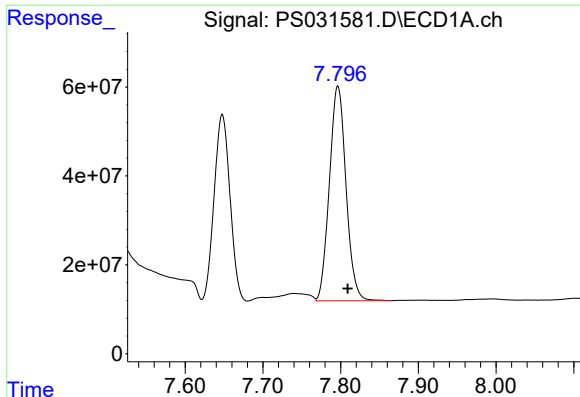
#6 MCPP

R.T.: 7.647 min
Delta R.T.: -0.013 min
Response: 662490448
Conc: 82.35 ug/ml m



#6 MCPP

R.T.: 8.034 min
Delta R.T.: -0.011 min
Response: 132634049
Conc: 75.03 ug/ml m



#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.013 min
Response: 717624804
Conc: 72.04 ug/ml

Instrument :

ECD_S

ClientSampleId :

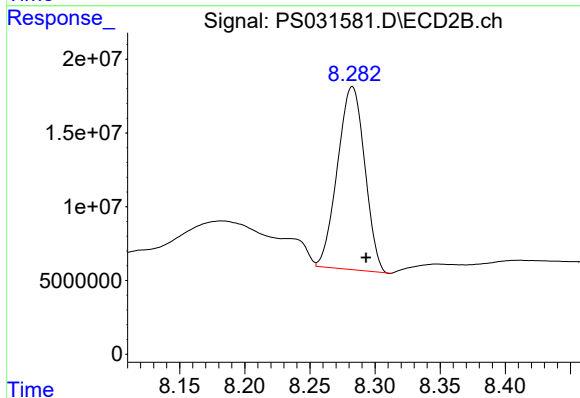
HSTDCCC750

Manual Integrations

APPROVED

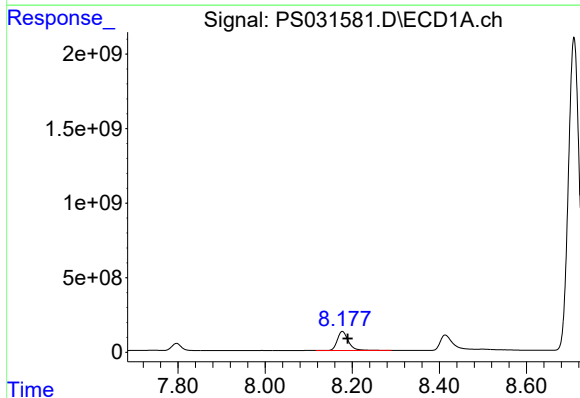
Reviewed By :Abdul Mirza 09/02/2025

Supervised By :mohammad ahmed 09/03/2025



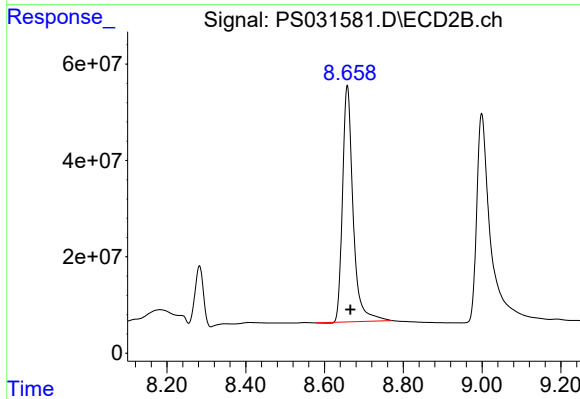
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.011 min
Response: 180606628
Conc: 64.38 ug/ml



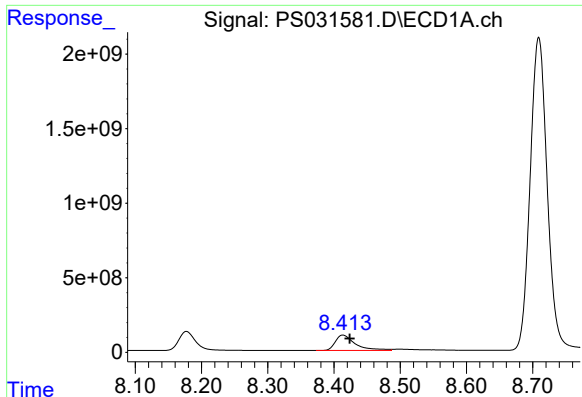
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: -0.012 min
Response: 2239293336
Conc: 705.86 ng/ml



#8 DICHLORPROP

R.T.: 8.658 min
Delta R.T.: -0.008 min
Response: 913443287
Conc: 684.21 ng/ml



#9 2,4-D

R.T.: 8.413 min
Delta R.T.: -0.010 min
Response: 2166565971
Conc: 753.11 ng/ml

Instrument :

ECD_S

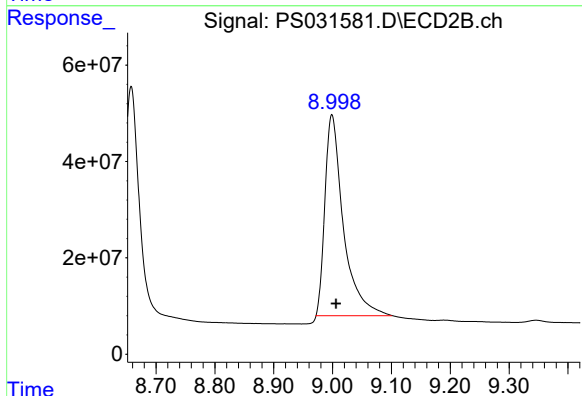
ClientSampleId :

HSTDCCC750

Manual Integrations

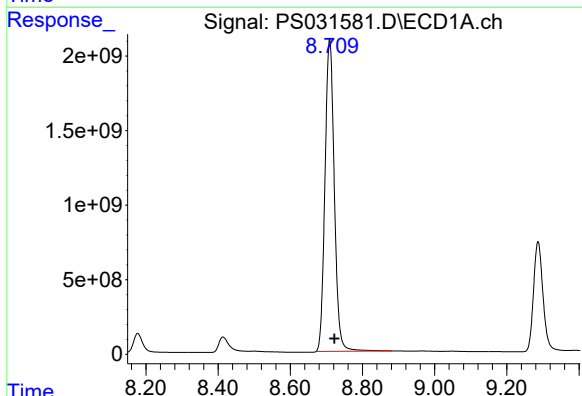
APPROVED

Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025



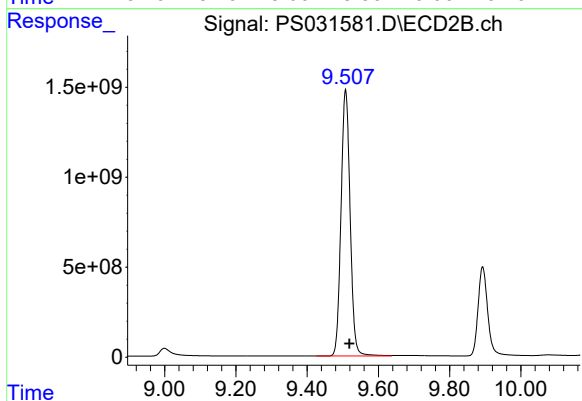
#9 2,4-D

R.T.: 8.999 min
Delta R.T.: -0.007 min
Response: 908754243
Conc: 636.70 ng/ml



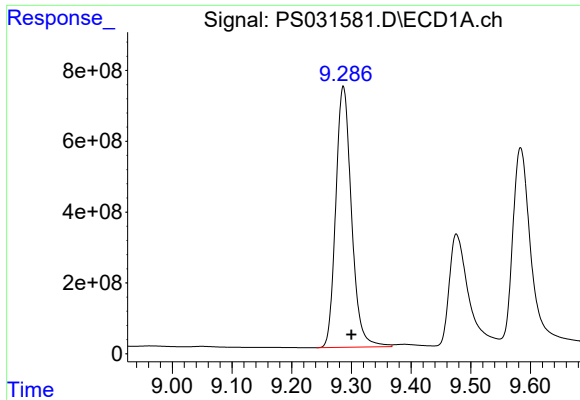
#10 Pentachlorophenol

R.T.: 8.709 min
Delta R.T.: -0.013 min
Response: 37509564692
Conc: 781.25 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.011 min
Response: 26255284262
Conc: 753.85 ng/ml



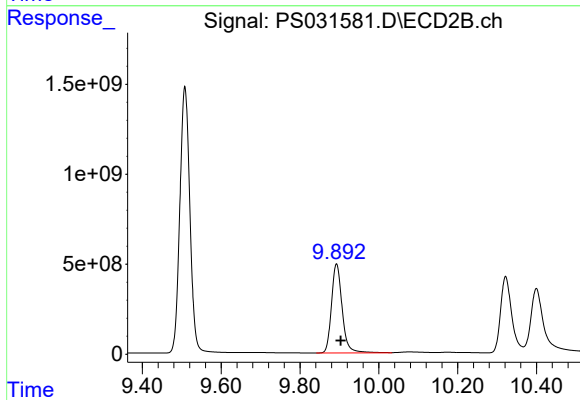
#11 2,4,5-TP (SILVEX)

R.T.: 9.286 min
Delta R.T.: -0.014 min
Response: 13493849946
Conc: 752.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

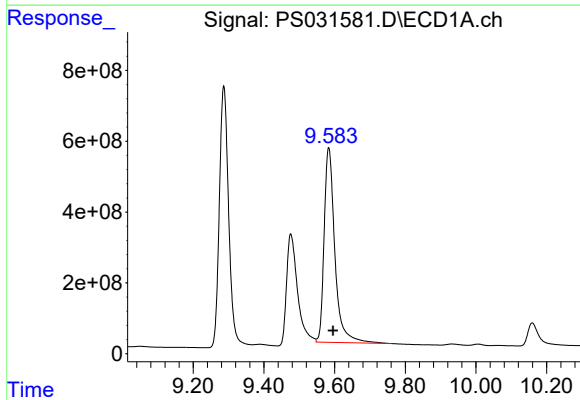
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025



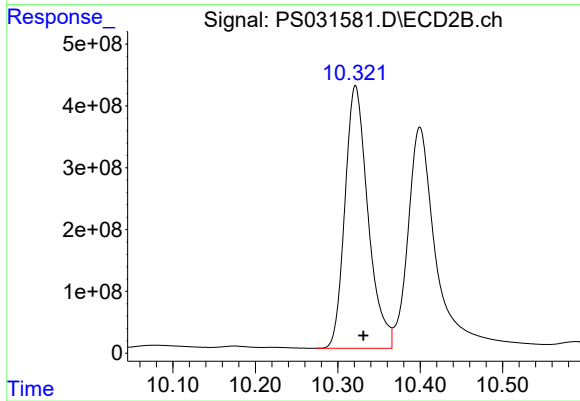
#11 2,4,5-TP (SILVEX)

R.T.: 9.893 min
Delta R.T.: -0.010 min
Response: 9331102660
Conc: 711.43 ng/ml



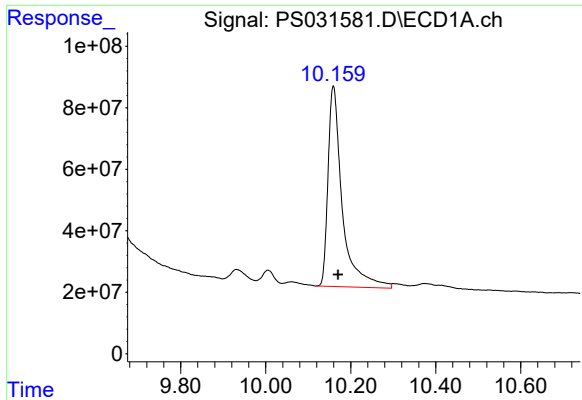
#12 2,4,5-T

R.T.: 9.583 min
Delta R.T.: -0.012 min
Response: 11599813714
Conc: 791.73 ng/ml



#12 2,4,5-T

R.T.: 10.322 min
Delta R.T.: -0.009 min
Response: 8266933587
Conc: 698.23 ng/ml



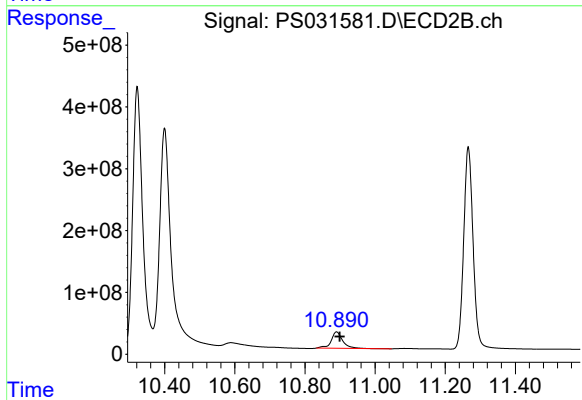
#13 2,4-DB

R.T.: 10.159 min
Delta R.T.: -0.011 min
Response: 1523142334
Conc: 792.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

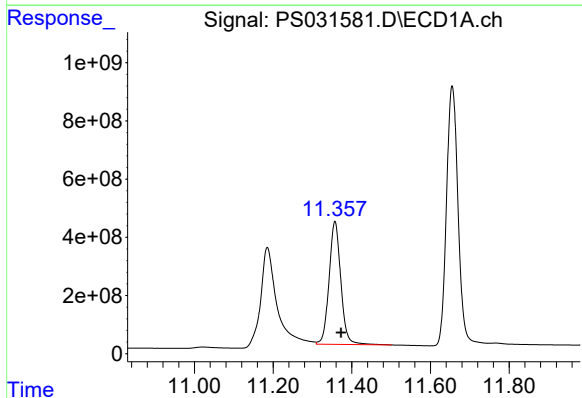
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025



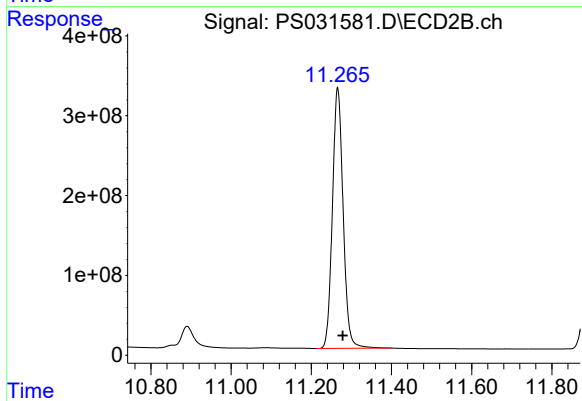
#13 2,4-DB

R.T.: 10.890 min
Delta R.T.: -0.009 min
Response: 601350507
Conc: 623.26 ng/ml



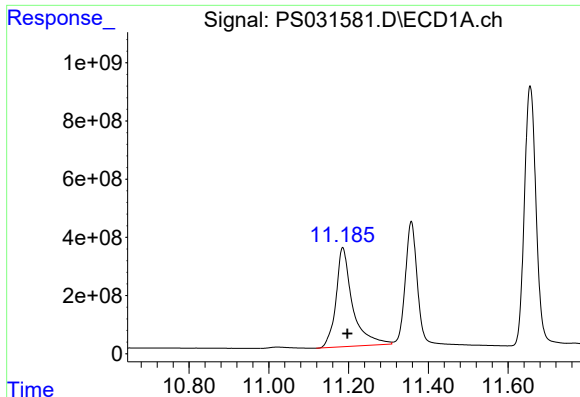
#14 DINOSEB

R.T.: 11.357 min
Delta R.T.: -0.016 min
Response: 8763491859
Conc: 691.21 ng/ml



#14 DINOSEB

R.T.: 11.266 min
Delta R.T.: -0.013 min
Response: 6069649431
Conc: 641.82 ng/ml



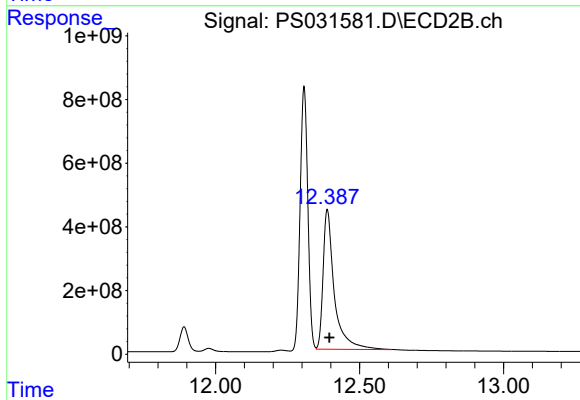
#15 Picloram

R.T.: 11.185 min
Delta R.T.: -0.012 min
Response: 9801903279
Conc: 750.86 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

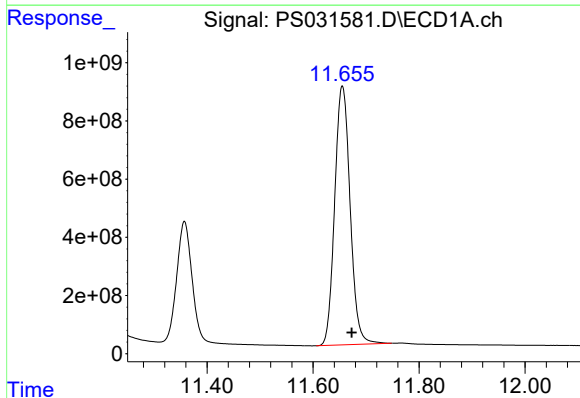
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/02/2025
Supervised By :mohammad ahmed 09/03/2025



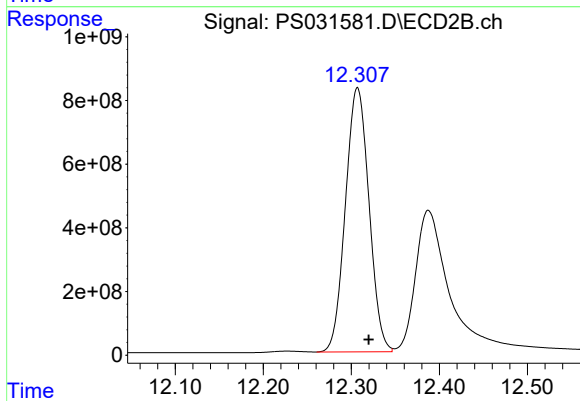
#15 Picloram

R.T.: 12.387 min
Delta R.T.: -0.009 min
Response: 11923151199
Conc: 680.17 ng/ml m



#16 DCPA

R.T.: 11.655 min
Delta R.T.: -0.018 min
Response: 17978057811
Conc: 789.23 ng/ml m



#16 DCPA

R.T.: 12.307 min
Delta R.T.: -0.013 min
Response: 15449708237
Conc: 784.23 ng/ml m