

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS072825\
 Data File : PS031263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 11:35
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 12:09:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
 Quant Title : 8080.M
 QLast Update : Tue Jul 22 03:18:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
4) S	2,4-DCAA	7.318	7.760	2710.2E6	697.8E6	623.277	687.509
Target Compounds							
1) T	Dalapon	2.683	2.698	3755.8E6	1761.4E6	598.742	620.913
2) T	3,5-DICHL...	6.481	6.706	3420.4E6	983.3E6	619.327	638.559
3) T	4-Nitroph...	7.118	7.294	1047.6E6	1085.5E6	635.392	599.972
5) T	DICAMBA	7.507	7.961	10174.8E6	4135.9E6	616.767	640.884
6) T	MCPD	7.689	8.060	652.4E6	122.8E6	65.170	59.123
7) T	MCPA	7.839	8.310	869.1E6	191.8E6	69.448	60.777
8) T	DICHLORPROP	8.218	8.681	2444.7E6	952.8E6	639.651	628.940
9) T	2,4-D	8.451	9.018	2334.0E6	1052.0E6	624.919	619.464
10) T	Pentachlo...	8.754	9.538	38423.6E6	26427.4E6	703.452	676.218
11) T	2,4,5-TP ...	9.333	9.921	13985.1E6	9597.1E6	637.032	644.350
12) T	2,4,5-T	9.628	10.349	12541.3E6	9008.8E6	642.229	633.555
13) T	2,4-DB	10.205	10.917	1803.5E6	730.4E6	603.196	624.015
14) T	DINOSEB	11.416	11.300	9319.3E6	7062.2E6	598.559	624.855
15) T	Picloram	11.231	12.414	11516.6E6	14646.4E6	575.640m	588.326m
16) T	DCPA	11.714	12.344	18092.2E6	14757.4E6	630.533	640.622

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

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Acq On : 28 Jul 2025 11:35
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

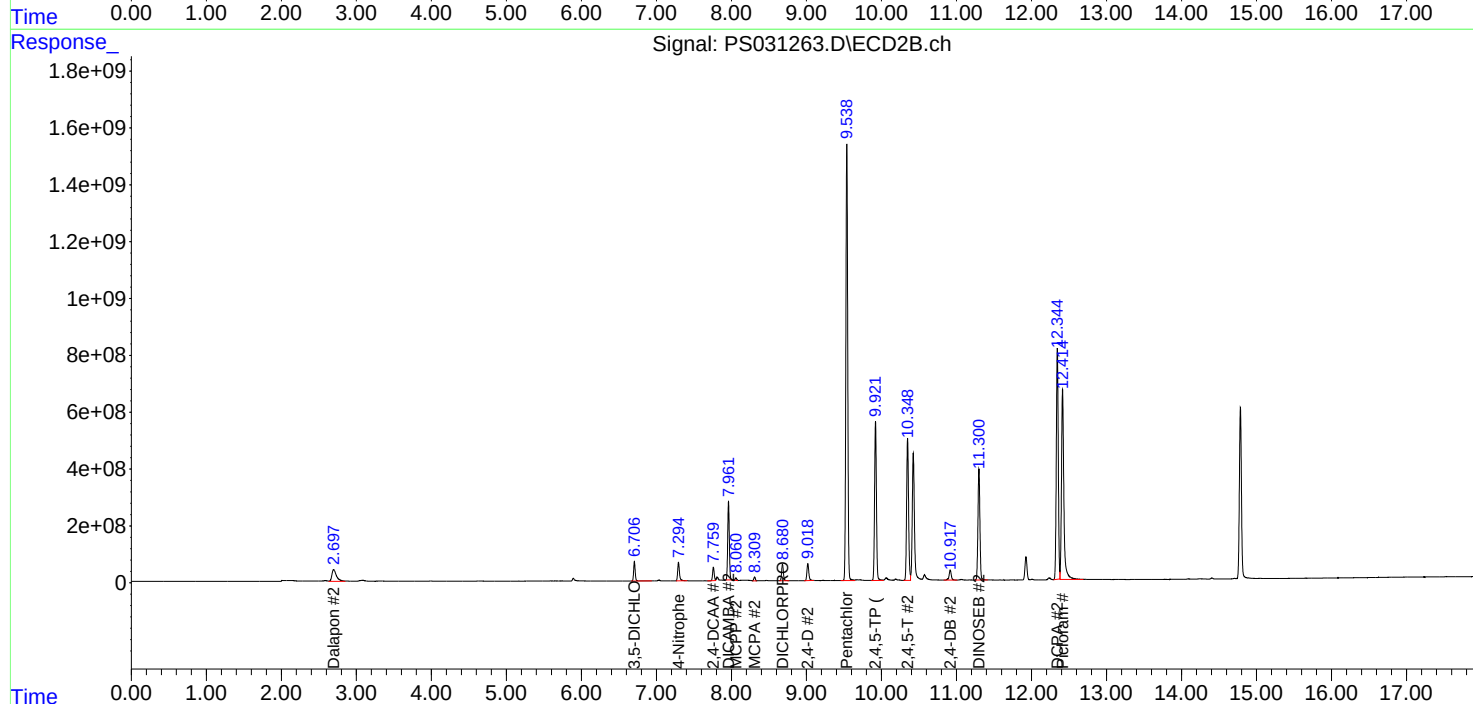
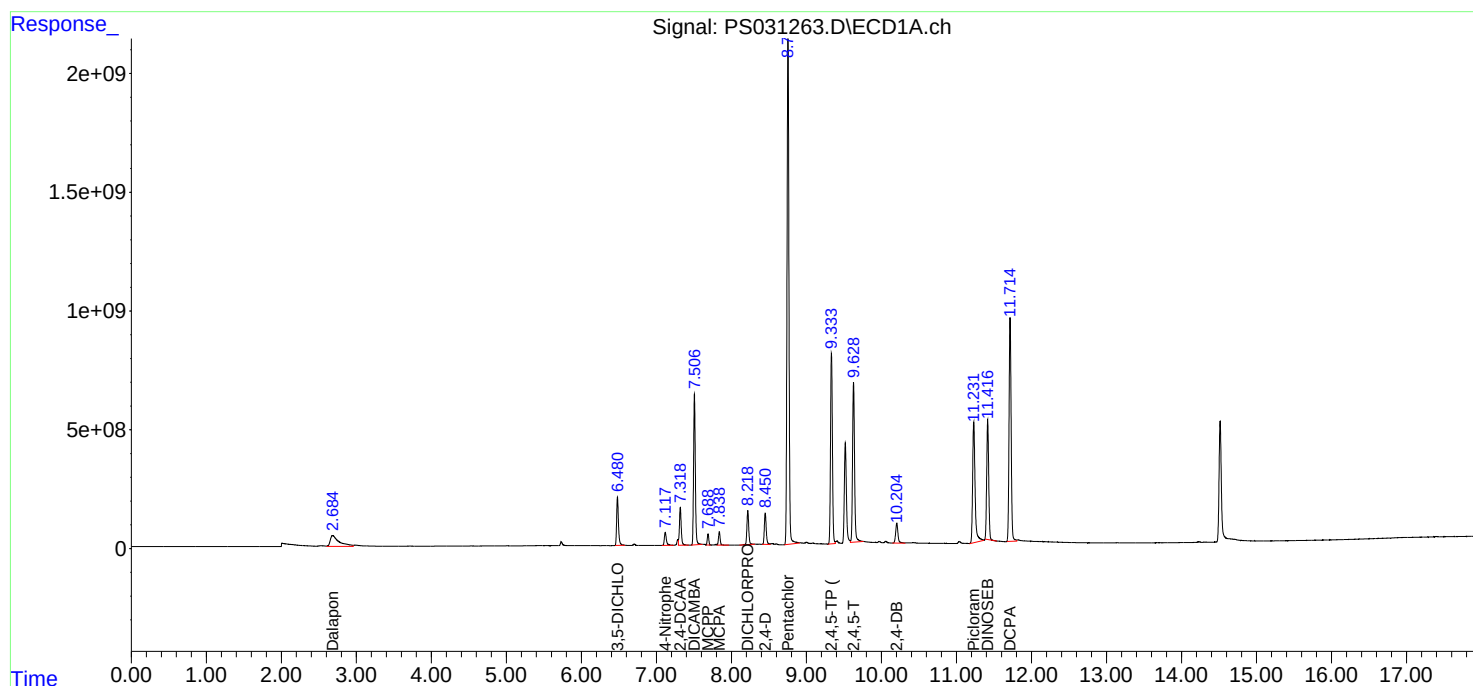
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

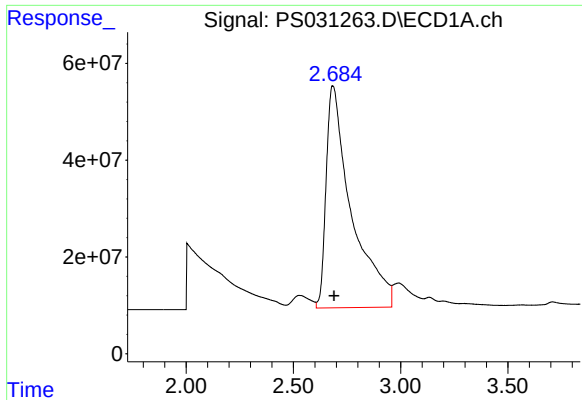
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 28 12:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS072125.M
Quant Title : 8080.M
QLast Update : Tue Jul 22 03:18:42 2025
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Integrator: ChemStation

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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





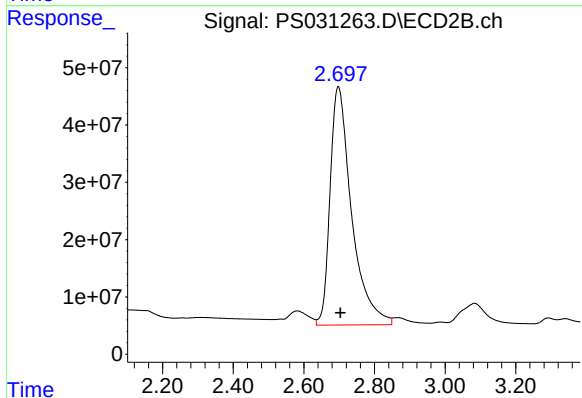
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.007 min
Response: 3755848289
Conc: 598.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

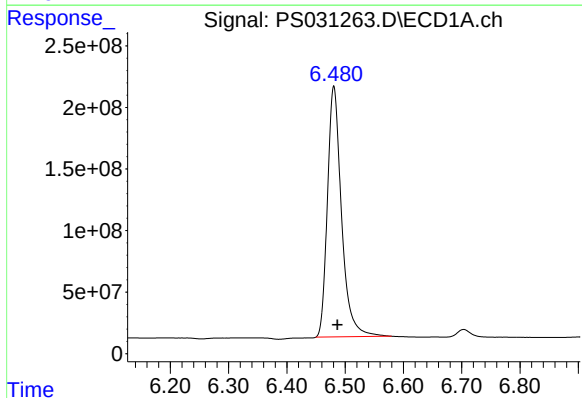
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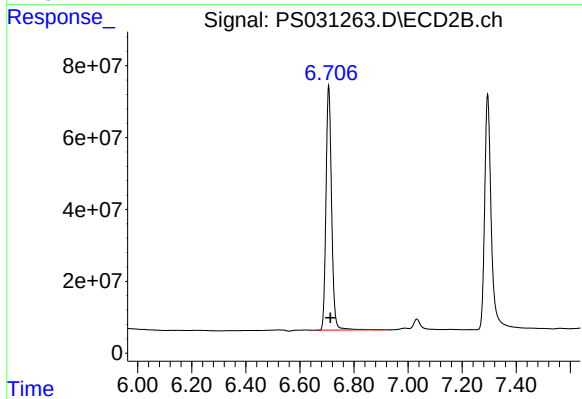
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: -0.006 min
Response: 1761369108
Conc: 620.91 ng/ml



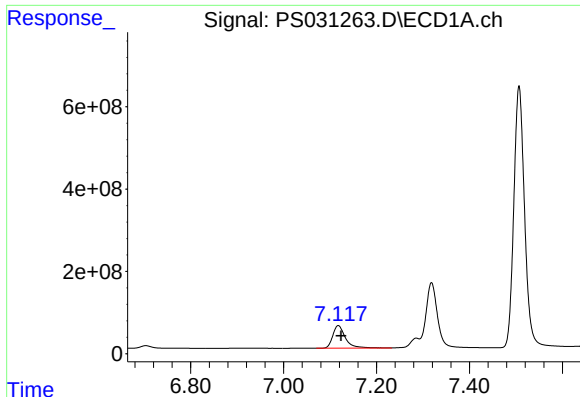
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.481 min
Delta R.T.: -0.006 min
Response: 3420388028
Conc: 619.33 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.706 min
Delta R.T.: -0.007 min
Response: 983313572
Conc: 638.56 ng/ml



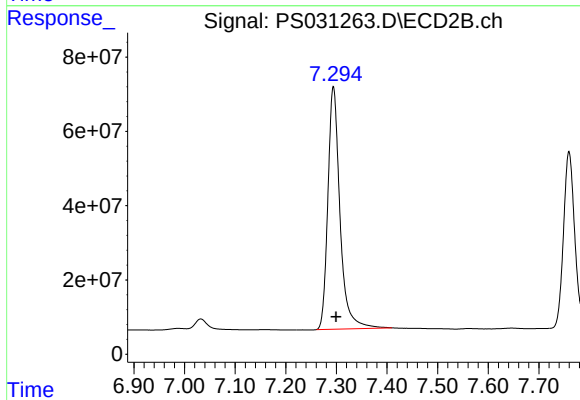
#3 4-Nitrophenol

R.T.: 7.118 min
Delta R.T.: -0.006 min
Response: 1047624830
Conc: 635.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

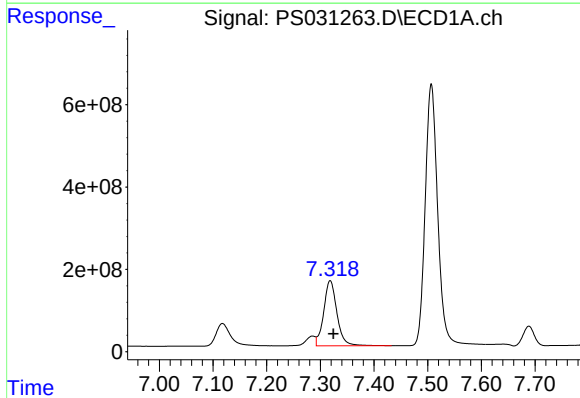
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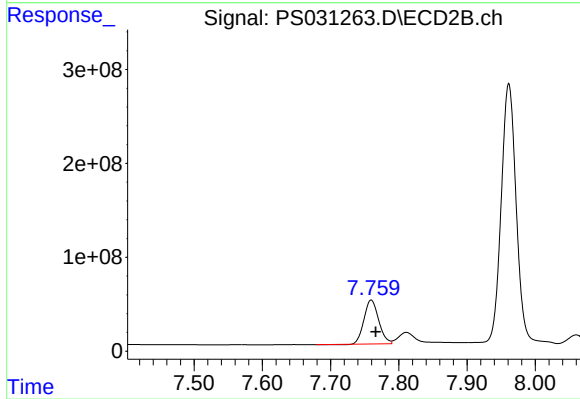
#3 4-Nitrophenol

R.T.: 7.294 min
Delta R.T.: -0.005 min
Response: 1085539549
Conc: 599.97 ng/ml



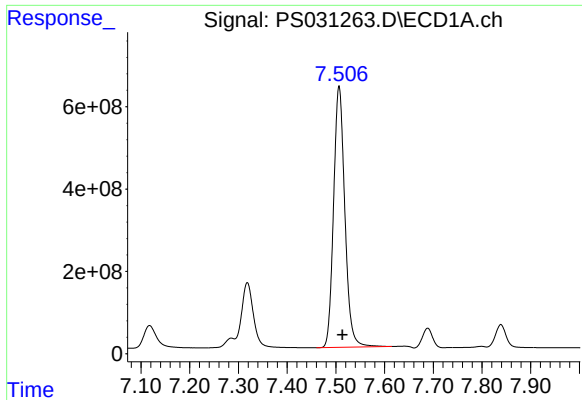
#4 2,4-DCAA

R.T.: 7.318 min
Delta R.T.: -0.006 min
Response: 2710165926
Conc: 623.28 ng/ml



#4 2,4-DCAA

R.T.: 7.760 min
Delta R.T.: -0.006 min
Response: 697799513
Conc: 687.51 ng/ml



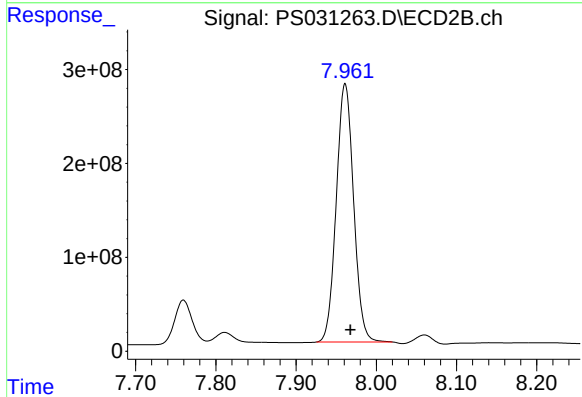
#5 DICAMBA

R.T.: 7.507 min
Delta R.T.: -0.007 min
Response: 10174782755
Conc: 616.77 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

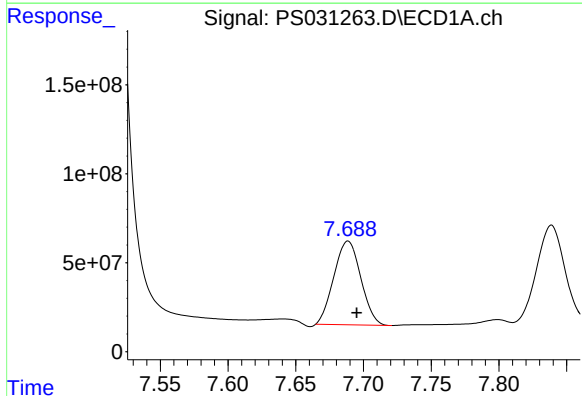
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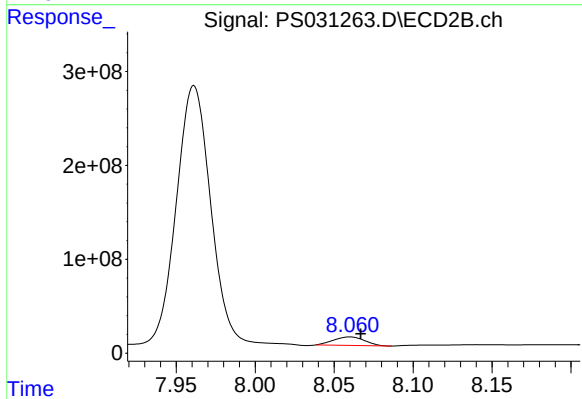
#5 DICAMBA

R.T.: 7.961 min
Delta R.T.: -0.007 min
Response: 4135863146
Conc: 640.88 ng/ml



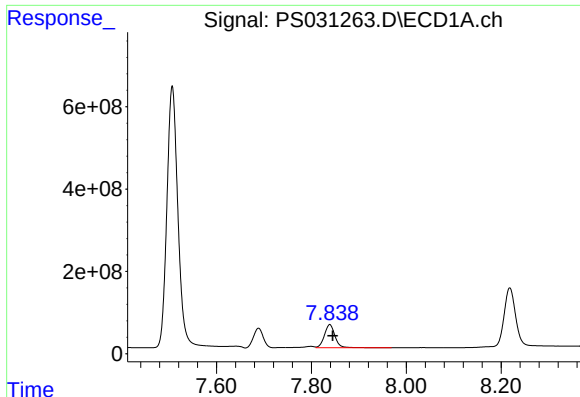
#6 MCPP

R.T.: 7.689 min
Delta R.T.: -0.006 min
Response: 652356681
Conc: 65.17 ug/ml



#6 MCPP

R.T.: 8.060 min
Delta R.T.: -0.007 min
Response: 122846034
Conc: 59.12 ug/ml



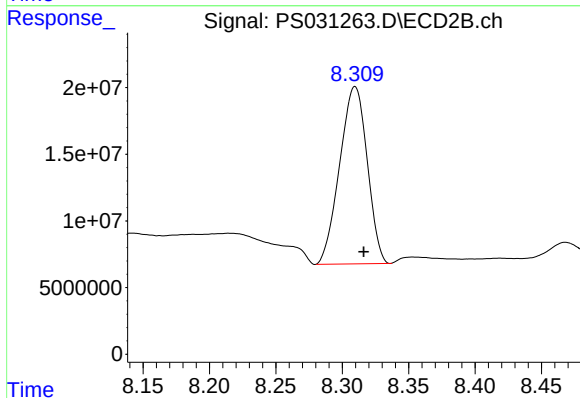
#7 MCPA

R.T.: 7.839 min
Delta R.T.: -0.006 min
Response: 869084019
Conc: 69.45 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

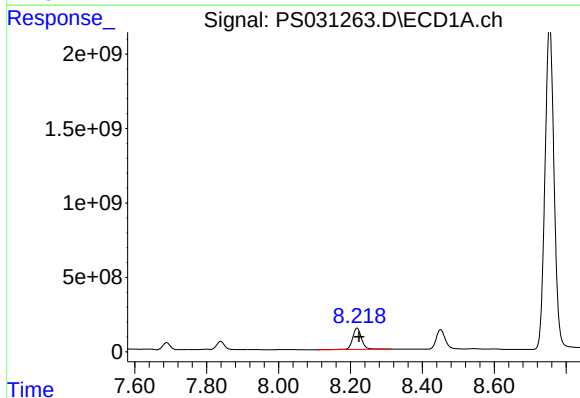
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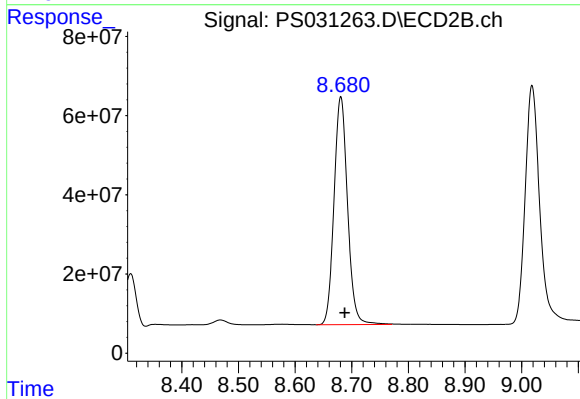
#7 MCPA

R.T.: 8.310 min
Delta R.T.: -0.007 min
Response: 191765716
Conc: 60.78 ug/ml



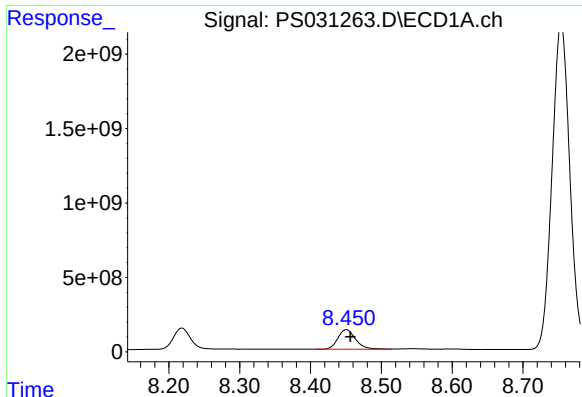
#8 DICHLORPROP

R.T.: 8.218 min
Delta R.T.: -0.006 min
Response: 2444717427
Conc: 639.65 ng/ml



#8 DICHLORPROP

R.T.: 8.681 min
Delta R.T.: -0.007 min
Response: 952756662
Conc: 628.94 ng/ml



#9 2,4-D

R.T.: 8.451 min
Delta R.T.: -0.006 min
Response: 2334019447
Conc: 624.92 ng/ml

Instrument :

ECD_S

ClientSampleId :

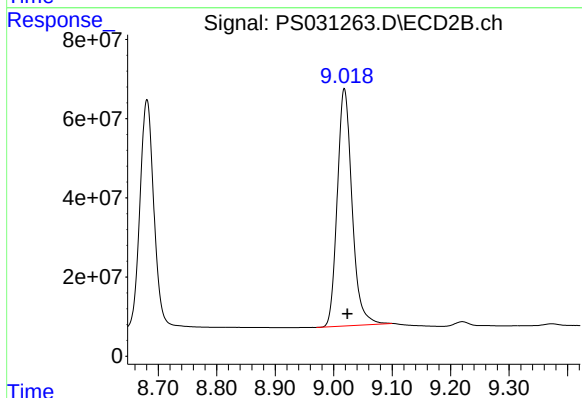
HSTDCCC750

Manual Integrations

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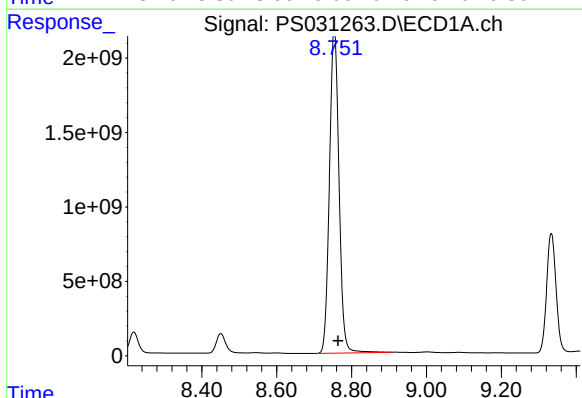
Reviewed By :Abdul Mirza 07/30/2025

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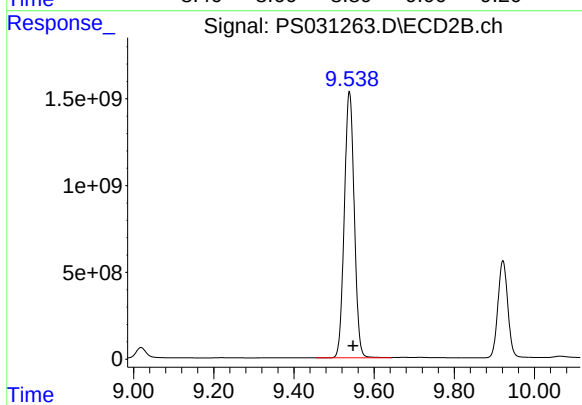
#9 2,4-D

R.T.: 9.018 min
Delta R.T.: -0.005 min
Response: 1052047636
Conc: 619.46 ng/ml



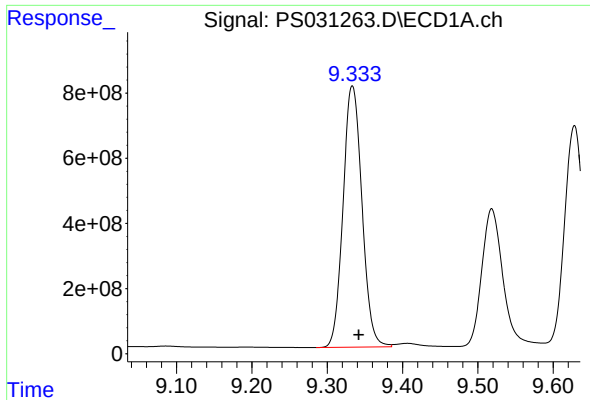
#10 Pentachlorophenol

R.T.: 8.754 min
Delta R.T.: -0.010 min
Response: 38423647362
Conc: 703.45 ng/ml



#10 Pentachlorophenol

R.T.: 9.538 min
Delta R.T.: -0.009 min
Response: 26427409357
Conc: 676.22 ng/ml



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

R.T.: 9.333 min
Delta R.T.: -0.008 min
Response: 13985133891
Conc: 637.03 ng/ml

Instrument :

ECD_S

ClientSampleId :

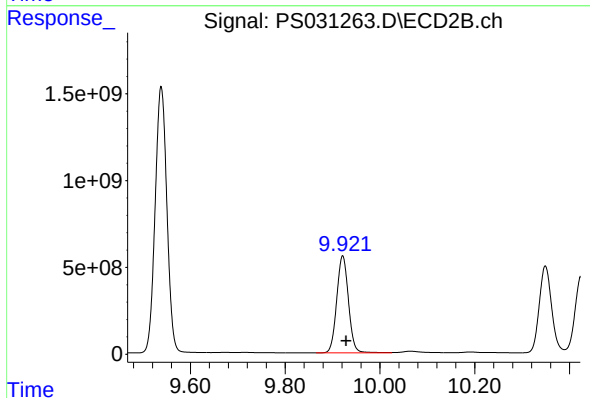
HSTDCCC750

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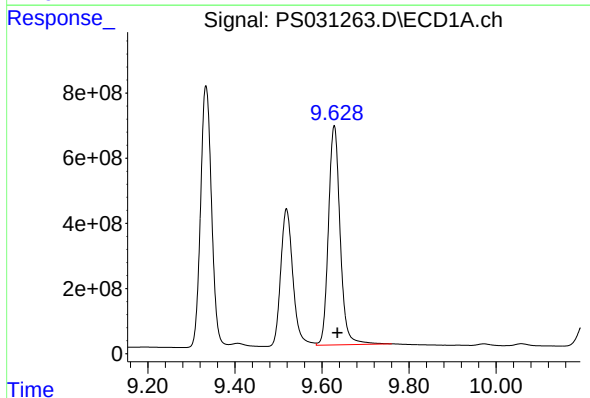
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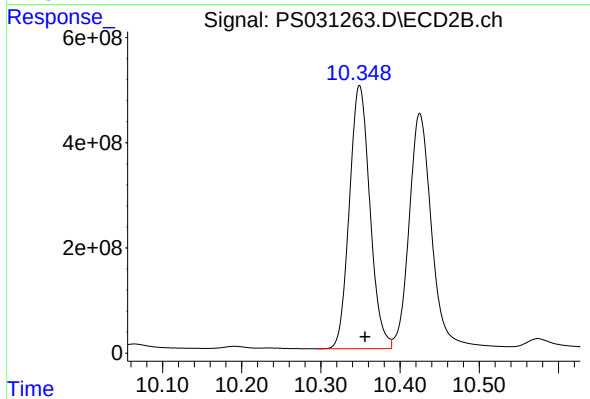
#11 2,4,5-TP (SILVEX)

R.T.: 9.921 min
Delta R.T.: -0.007 min
Response: 9597061370
Conc: 644.35 ng/ml



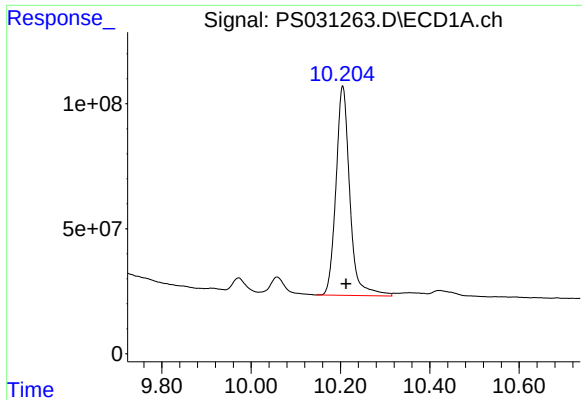
#12 2,4,5-T

R.T.: 9.628 min
Delta R.T.: -0.008 min
Response: 12541323269
Conc: 642.23 ng/ml



#12 2,4,5-T

R.T.: 10.349 min
Delta R.T.: -0.007 min
Response: 9008809297
Conc: 633.55 ng/ml



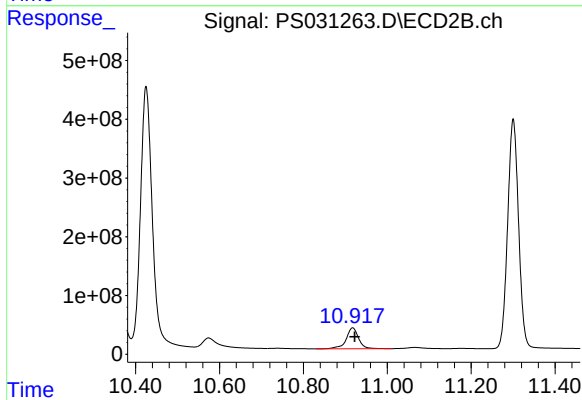
#13 2,4-DB

R.T.: 10.205 min
Delta R.T.: -0.008 min
Response: 1803485546
Conc: 603.20 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

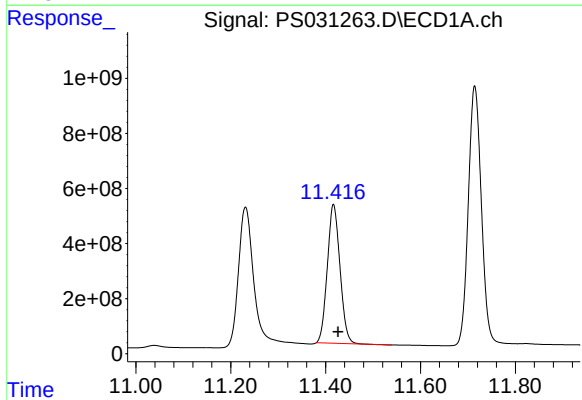
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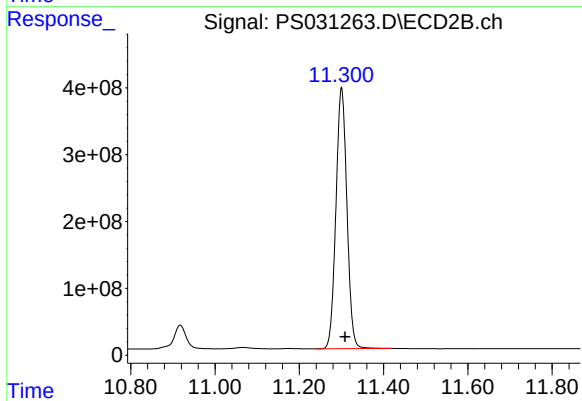
#13 2,4-DB

R.T.: 10.917 min
Delta R.T.: -0.005 min
Response: 730416165
Conc: 624.01 ng/ml



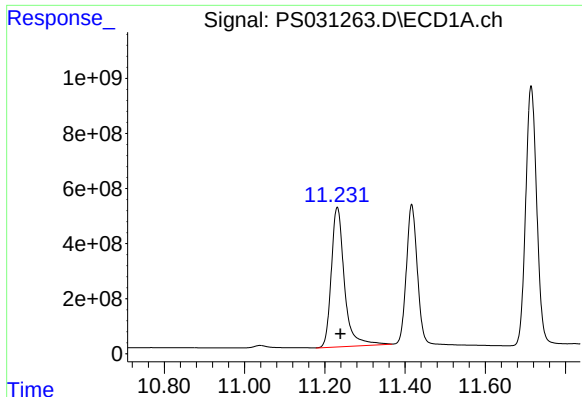
#14 DINOSEB

R.T.: 11.416 min
Delta R.T.: -0.010 min
Response: 9319257426
Conc: 598.56 ng/ml



#14 DINOSEB

R.T.: 11.300 min
Delta R.T.: -0.008 min
Response: 7062165602
Conc: 624.86 ng/ml



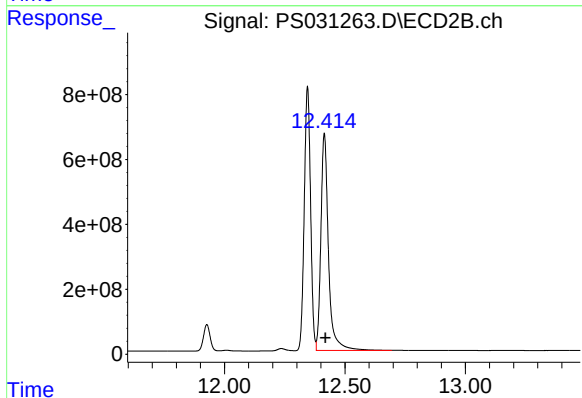
#15 Picloram

R.T.: 11.231 min
Delta R.T.: -0.008 min
Response: 11516586200
Conc: 575.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

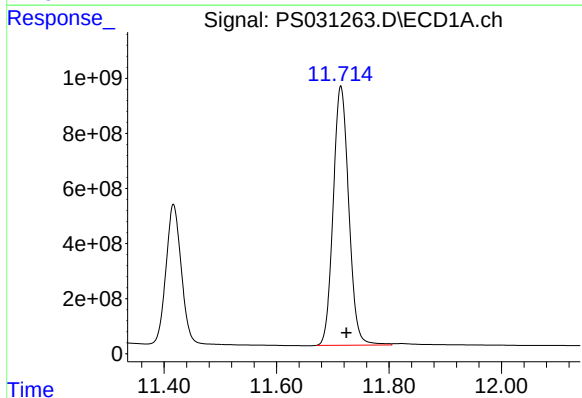
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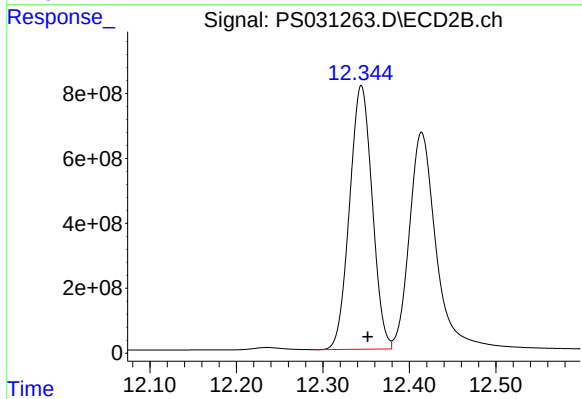
#15 Picloram

R.T.: 12.414 min
Delta R.T.: -0.005 min
Response: 14646398266
Conc: 588.33 ng/ml m



#16 DCPA

R.T.: 11.714 min
Delta R.T.: -0.010 min
Response: 18092193299
Conc: 630.53 ng/ml



#16 DCPA

R.T.: 12.344 min
Delta R.T.: -0.007 min
Response: 14757388365
Conc: 640.62 ng/ml