

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
 Data File : PS031010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2025 17:36
 Operator : AR\AJ
 Sample : HSTDICC1500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDICC1500

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/14/2025
 Supervised By :mohammad ahmed 07/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 03:16:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 03:14:30 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	7.332	7.767	5335.8E6	1418.1E6	1420.633m	1441.103
Target Compounds							
1) T	Dalapon	2.698	2.707	7486.5E6	3547.9E6	1293.460	1308.613
2) T	3,5-DICHL...	6.493	6.714	6524.9E6	1980.6E6	1309.060	1345.701
3) T	4-Nitroph...	7.131	7.300	1725.8E6	2292.6E6	1339.368	1366.259
5) T	DICAMBA	7.521	7.970	20106.6E6	8698.0E6	1338.332	1389.226
6) T	MCPD	7.707	8.074	1430.6E6	309.1E6	154.781	144.613
7) T	MCPA	7.857	8.324	1645.7E6	445.0E6	153.134	140.171
8) T	DICHLORPROP	8.234	8.689	4381.4E6	1928.8E6	1359.272	1334.416
9) T	2,4-D	8.466	9.025	4148.9E6	2179.6E6	1415.062	1347.498
10) T	Pentachlo...	8.782	9.550	52777.9E6	46094.6E6	1034.675	1209.611
11) T	2,4,5-TP ...	9.352	9.931	25168.8E6	19018.3E6	1383.742	1341.717
12) T	2,4,5-T	9.646	10.358	21706.0E6	18321.9E6	1463.931	1354.148
13) T	2,4-DB	10.223	10.925	3219.3E6	1559.4E6	1541.540	1384.859
14) T	DINOSEB	11.439	11.310	18156.7E6	14885.6E6	1415.498	1363.317
15) T	Picloram	11.250	12.420	22339.0E6	32971.5E6	1560.697	1414.175
16) T	DCPA	11.735	12.353	32997.7E6	29826.3E6	1411.653	1359.686m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071125\
Data File : PS031010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2025 17:36
Operator : AR\AJ
Sample : HSTDICC1500
Misc :
ALS Vial : 7 Sample Multiplier: 1

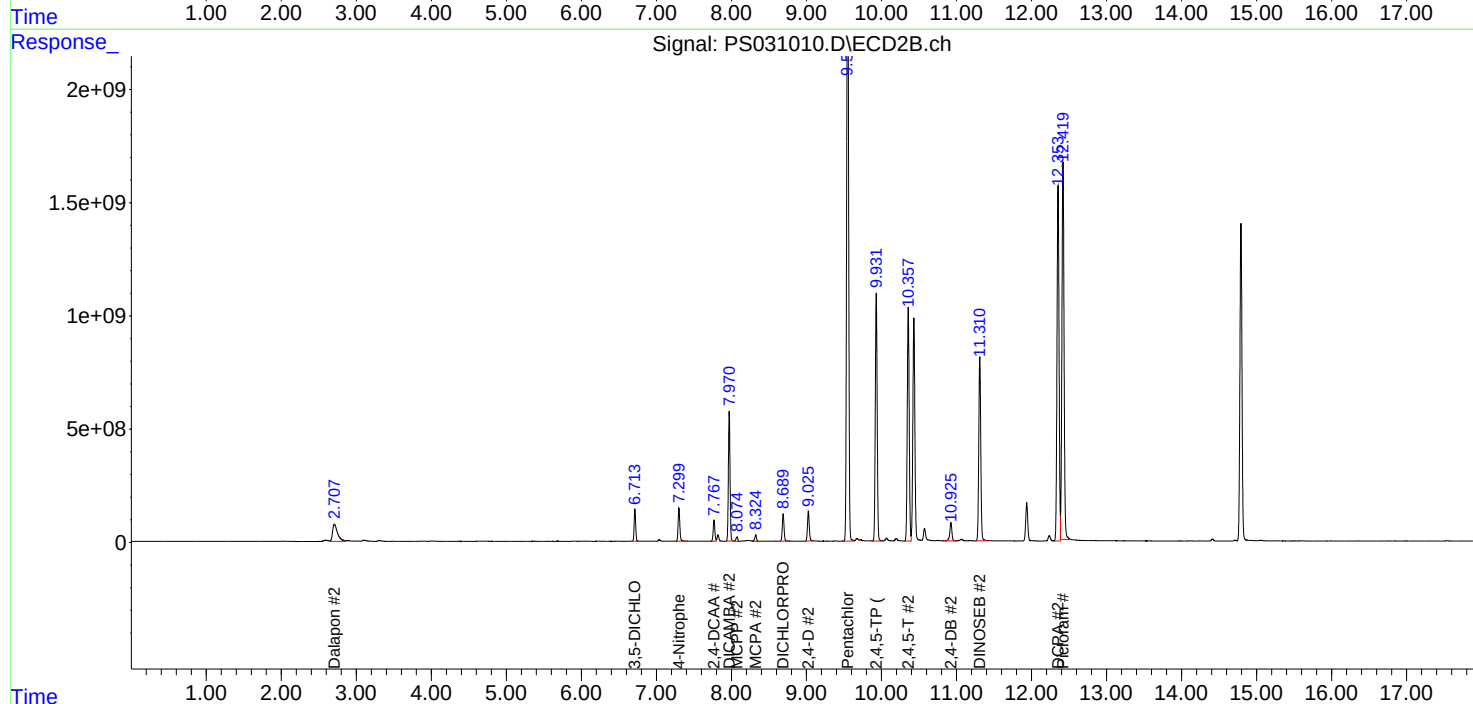
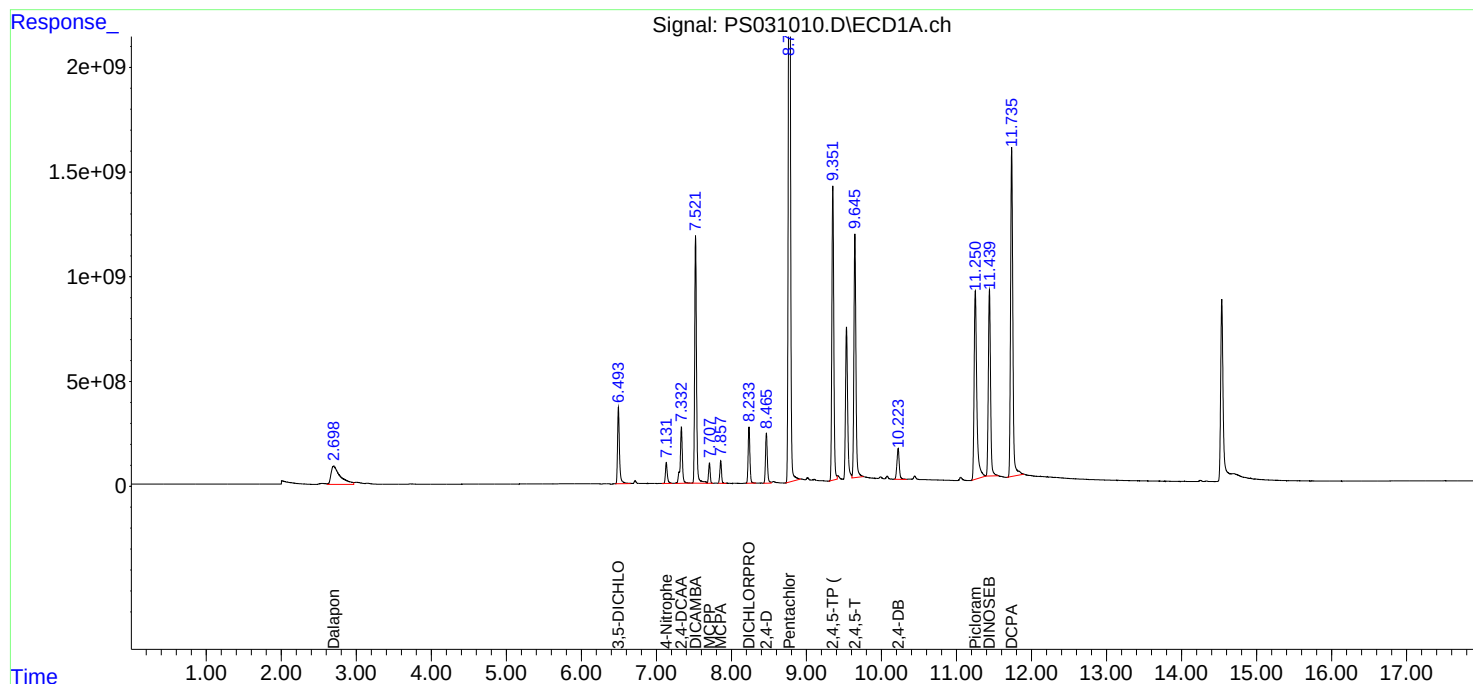
Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

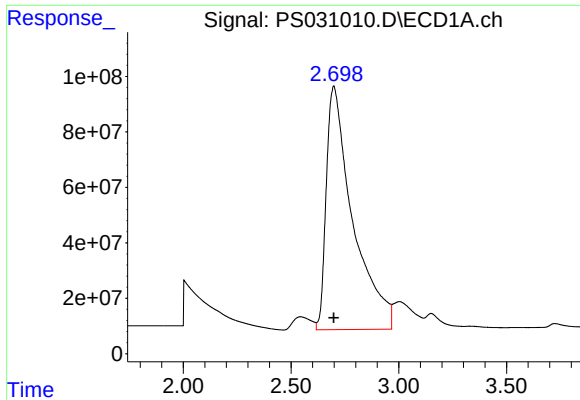
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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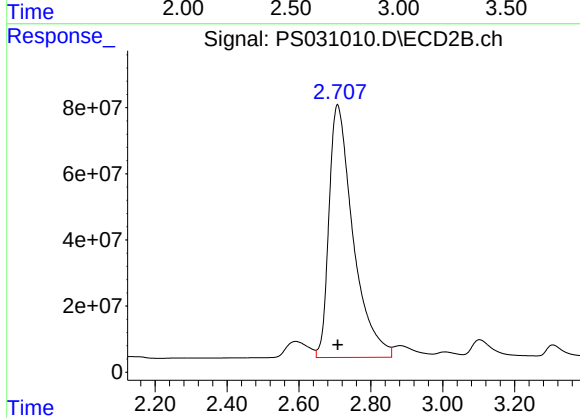
#1 Dalapon

R.T.: 2.698 min
Delta R.T.: 0.000 min
Response: 7486531904
Conc: 1293.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

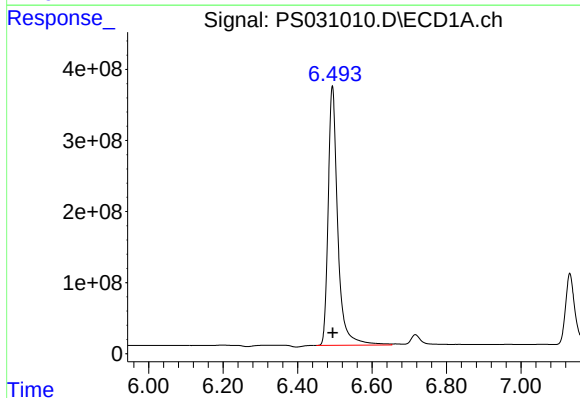
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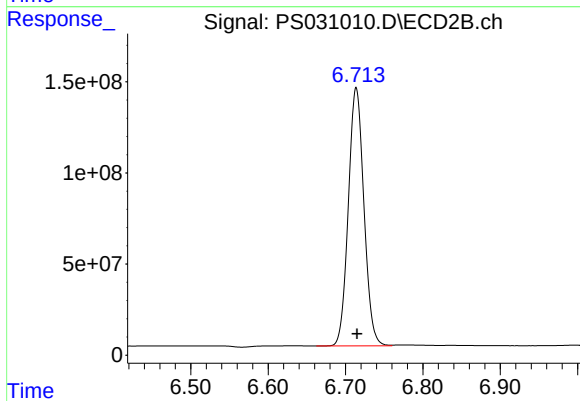
#1 Dalapon

R.T.: 2.707 min
Delta R.T.: 0.000 min
Response: 3547892503
Conc: 1308.61 ng/ml



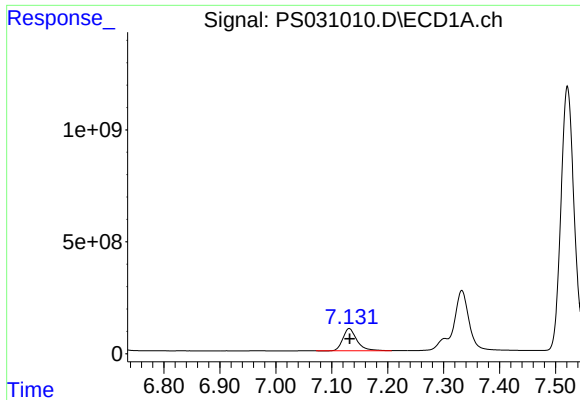
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 6524860091
Conc: 1309.06 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1980574001
Conc: 1345.70 ng/ml



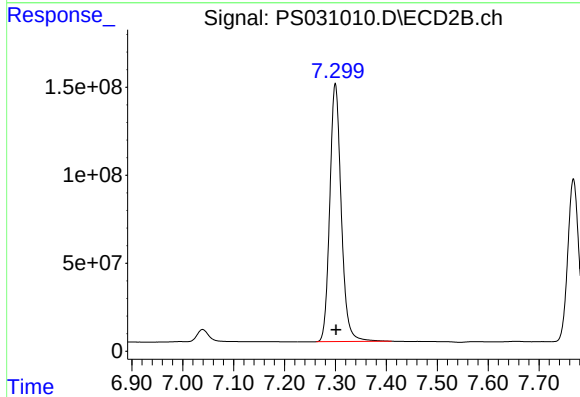
#3 4-Nitrophenol

R.T.: 7.131 min
Delta R.T.: -0.001 min
Response: 1725756193
Conc: 1339.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

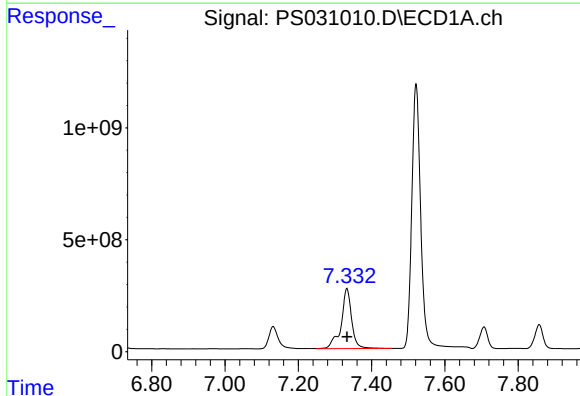
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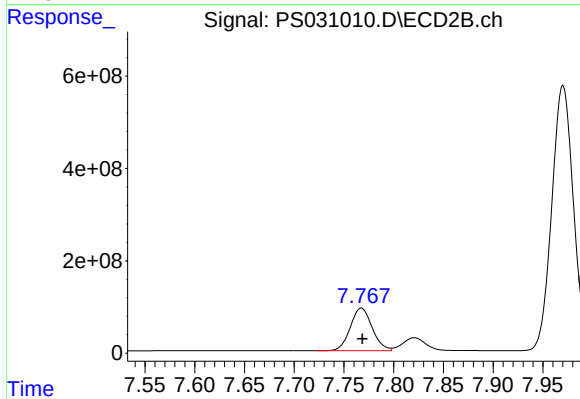
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 2292600688
Conc: 1366.26 ng/ml



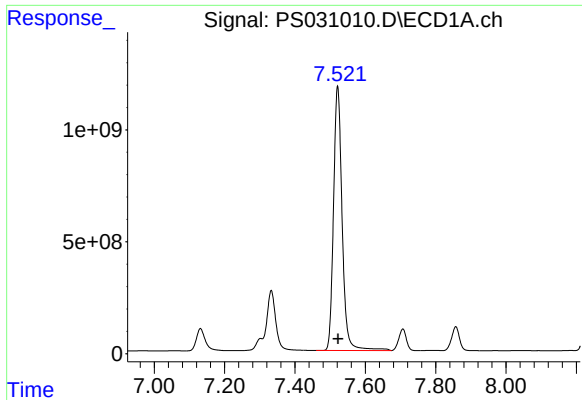
#4 2,4-DCAA

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 5335831602
Conc: 1420.63 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 1418147073
Conc: 1441.10 ng/ml



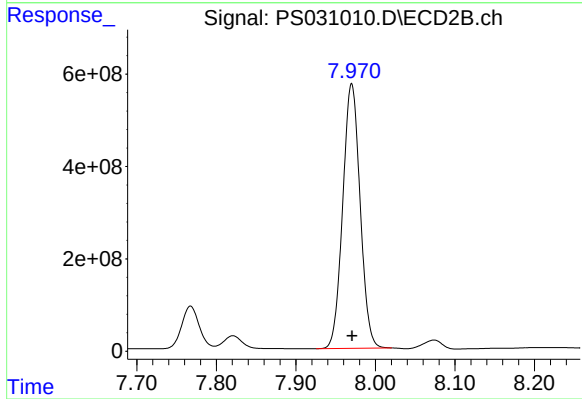
#5 DICAMBA

R.T.: 7.521 min
Delta R.T.: -0.001 min
Response: 20106636853
Conc: 1338.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

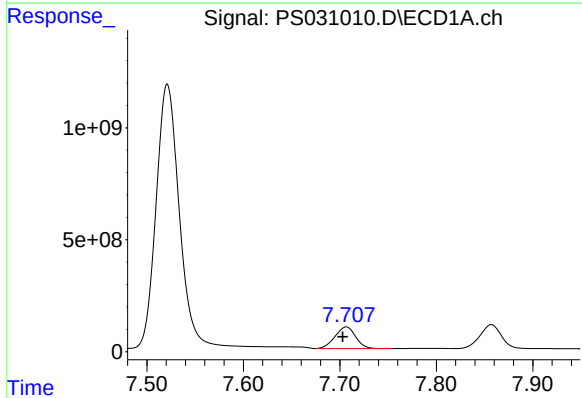
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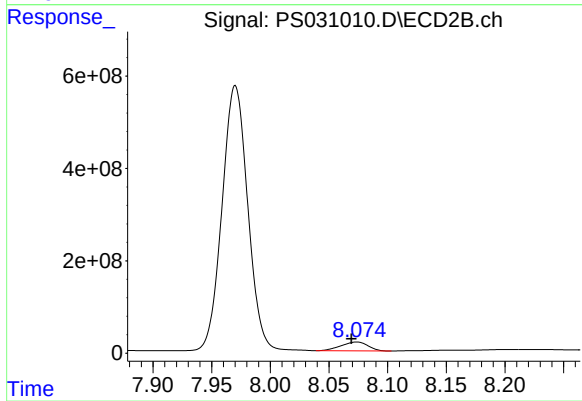
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 8697989555
Conc: 1389.23 ng/ml



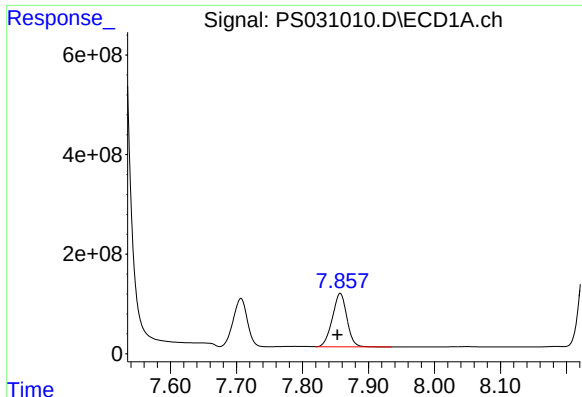
#6 MCPP

R.T.: 7.707 min
Delta R.T.: 0.004 min
Response: 1430619341
Conc: 154.78 ug/ml



#6 MCPP

R.T.: 8.074 min
Delta R.T.: 0.004 min
Response: 309124730
Conc: 144.61 ug/ml



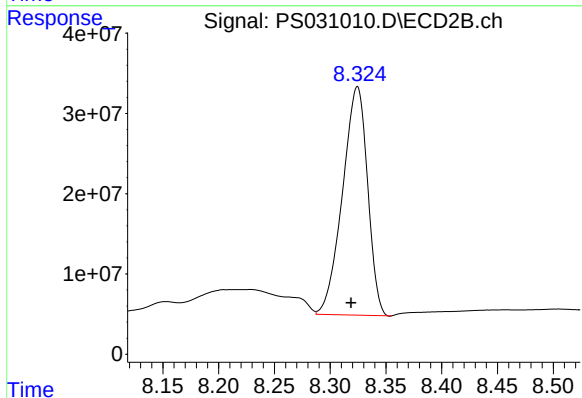
#7 MCPA

R.T.: 7.857 min
Delta R.T.: 0.004 min
Response: 1645689214
Conc: 153.13 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

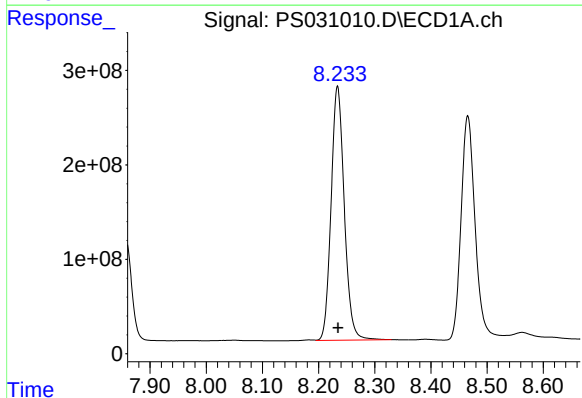
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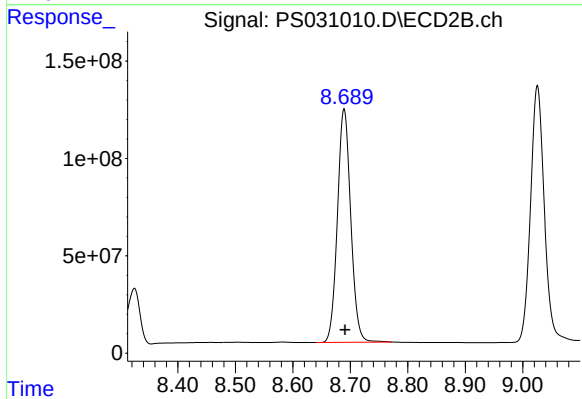
#7 MCPA

R.T.: 8.324 min
Delta R.T.: 0.005 min
Response: 445009528
Conc: 140.17 ug/ml



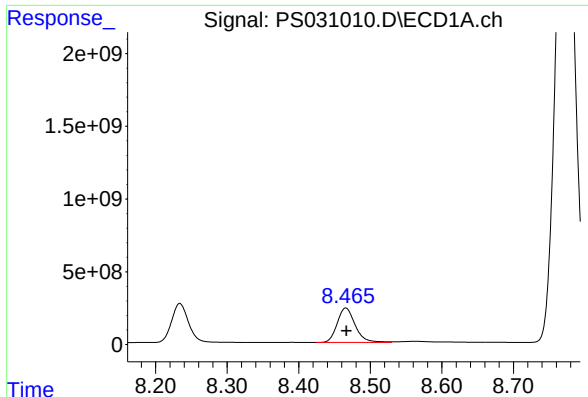
#8 DICHLORPROP

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 4381392344
Conc: 1359.27 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 1928757923
Conc: 1334.42 ng/ml



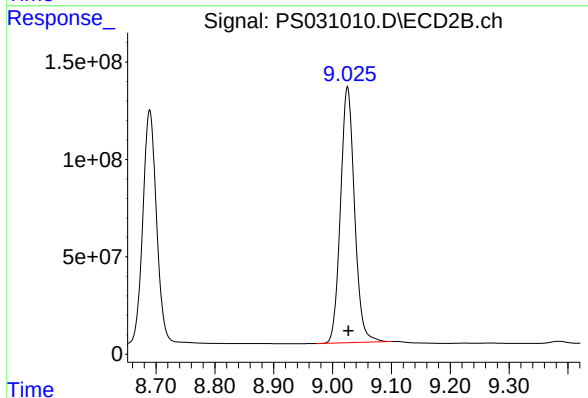
#9 2,4-D

R.T.: 8.466 min
Delta R.T.: -0.001 min
Response: 4148934902
Conc: 1415.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

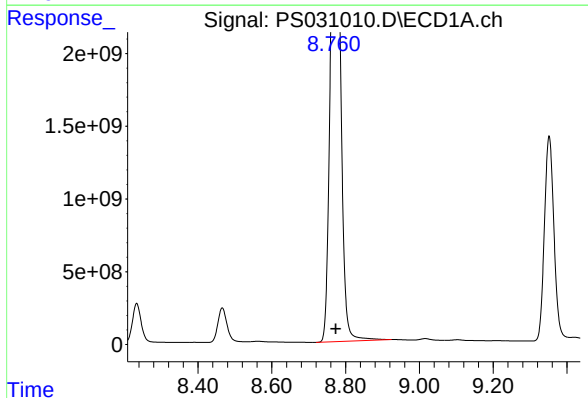
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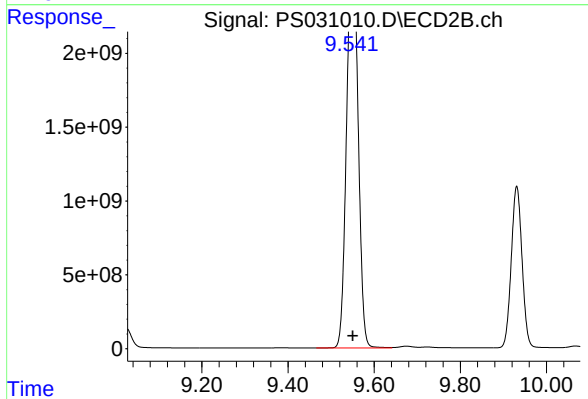
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.001 min
Response: 2179642837
Conc: 1347.50 ng/ml



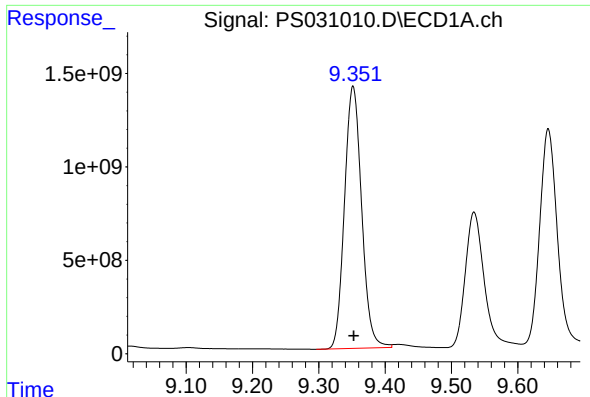
#10 Pentachlorophenol

R.T.: 8.782 min
Delta R.T.: 0.009 min
Response: 52777914102
Conc: 1034.67 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: 0.000 min
Response: 46094585187
Conc: 1209.61 ng/ml



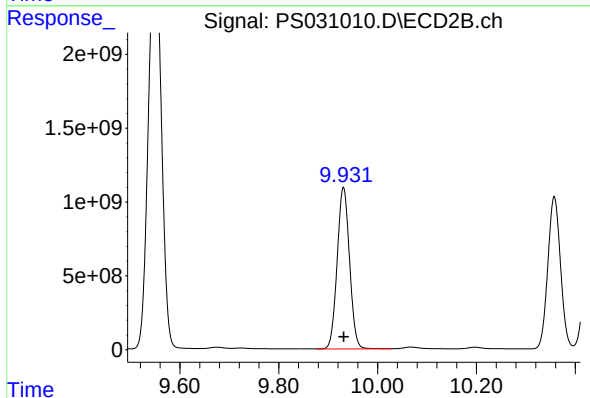
#11 2,4,5-TP (SILVEX)

R.T.: 9.352 min
Delta R.T.: -0.001 min
Response: 25168810645
Conc: 1383.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

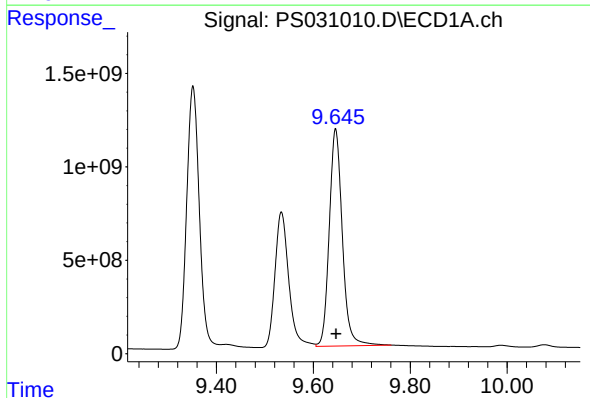
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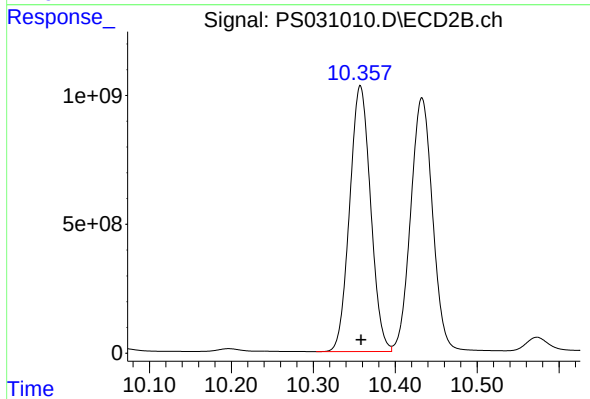
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 19018287889
Conc: 1341.72 ng/ml



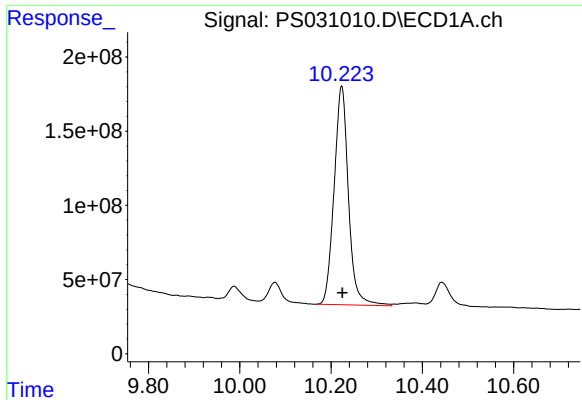
#12 2,4,5-T

R.T.: 9.646 min
Delta R.T.: 0.000 min
Response: 21706003287
Conc: 1463.93 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 18321856144
Conc: 1354.15 ng/ml



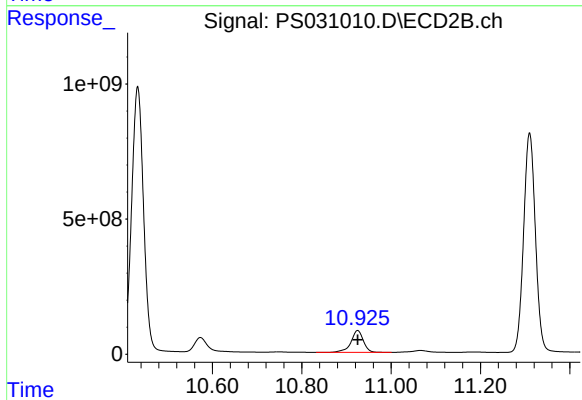
#13 2,4-DB

R.T.: 10.223 min
Delta R.T.: -0.002 min
Response: 3219255332
Conc: 1541.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDICC1500

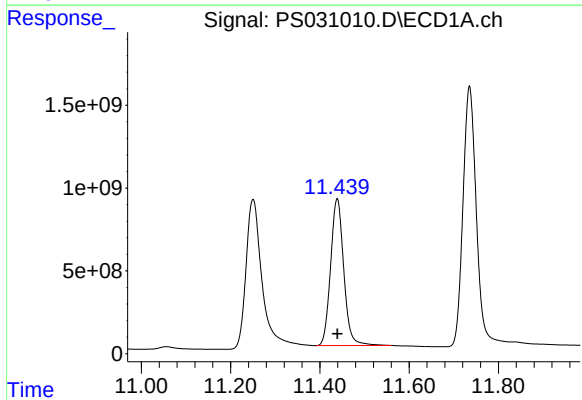
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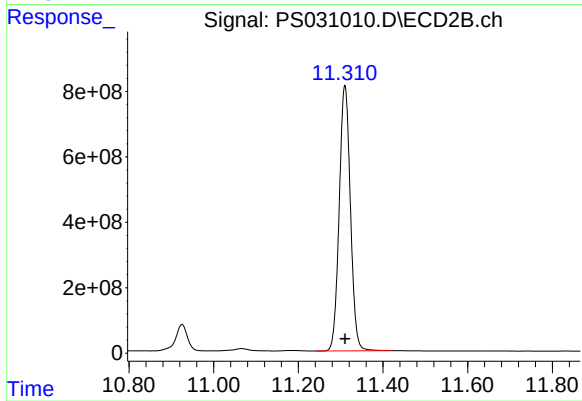
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 1559418116
Conc: 1384.86 ng/ml



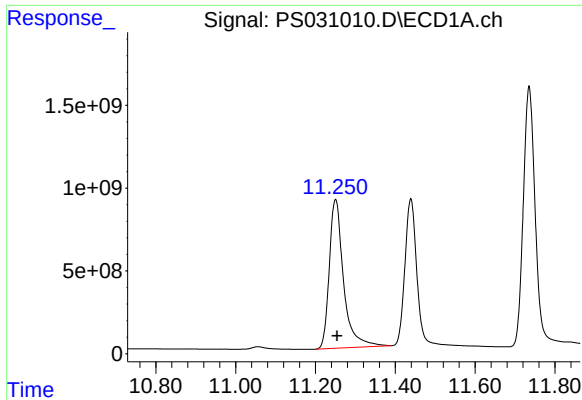
#14 DINOSEB

R.T.: 11.439 min
Delta R.T.: 0.000 min
Response: 18156696343
Conc: 1415.50 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 14885552877
Conc: 1363.32 ng/ml



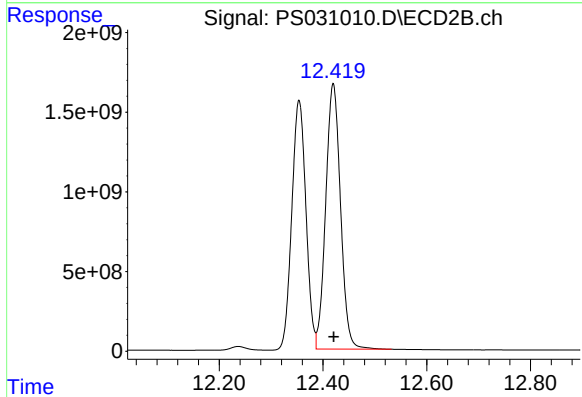
#15 Picloram

R.T.: 11.250 min
Delta R.T.: -0.003 min
Response: 22338978166
Conc: 1560.70 ng/m

Instrument :
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ClientSampleId :
HSTDICC1500

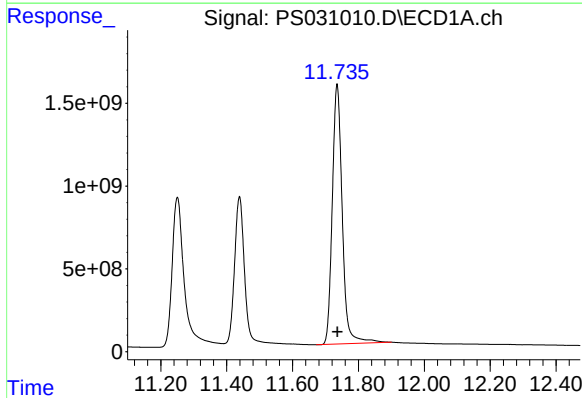
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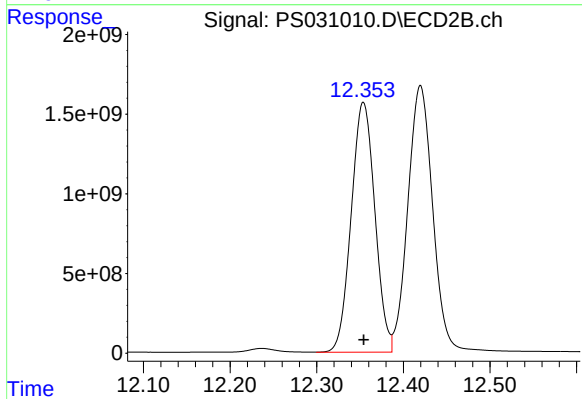
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.001 min
Response: 32971484278
Conc: 1414.18 ng/ml



#16 DCPA

R.T.: 11.735 min
Delta R.T.: 0.000 min
Response: 32997699560
Conc: 1411.65 ng/ml



#16 DCPA

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 29826346006
Conc: 1359.69 ng/ml m