

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062325\
 Data File : PS030807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 19:16
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/24/2025
 Supervised By : mohammad ahmed 06/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:54:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061825.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 19 05:11:26 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	7.343	7.769	2600.2E6	750.9E6	707.663m	700.482
Target Compounds						
1) T Dalapon	2.705	2.709	3948.9E6	1759.2E6	661.948	641.619
2) T 3,5-DICHL...	6.504	6.715	3533.9E6	1059.8E6	657.158	657.003
3) T 4-Nitroph...	7.143	7.301	1055.6E6	1114.8E6	669.498	643.106
5) T DICAMBA	7.534	7.971	10326.0E6	4417.3E6	678.666	674.069
6) T MCPP	7.715	8.070	652.0E6	151.8E6	69.448m	72.363
7) T MCPA	7.866	8.319	804.5E6	219.1E6	68.582	69.659
8) T DICHLORPROP	8.247	8.690	2379.1E6	1002.2E6	635.151	637.340
9) T 2,4-D	8.480	9.026	2300.8E6	1102.9E6	667.974	649.006
10) T Pentachlo...	8.788	9.550	36940.7E6	26461.8E6	697.977	694.134
11) T 2,4,5-TP ...	9.368	9.931	13967.9E6	9796.7E6	697.334	678.975
12) T 2,4,5-T	9.661	10.357	12079.3E6	9429.0E6	734.165	690.030
13) T 2,4-DB	10.240	10.925	1821.6E6	799.4E6	794.234	675.785
14) T DINOSEB	11.458	11.310	9790.4E6	7246.9E6	705.707m	672.178
15) T Picloram	11.267	12.418	12083.1E6	16273.5E6	751.618m	700.195
16) T DCPA	11.753	12.354	18447.6E6	14922.8E6	720.152	676.991m

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

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Acq On : 23 Jun 2025 19:16
Operator : AR\AJ
Sample : HSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

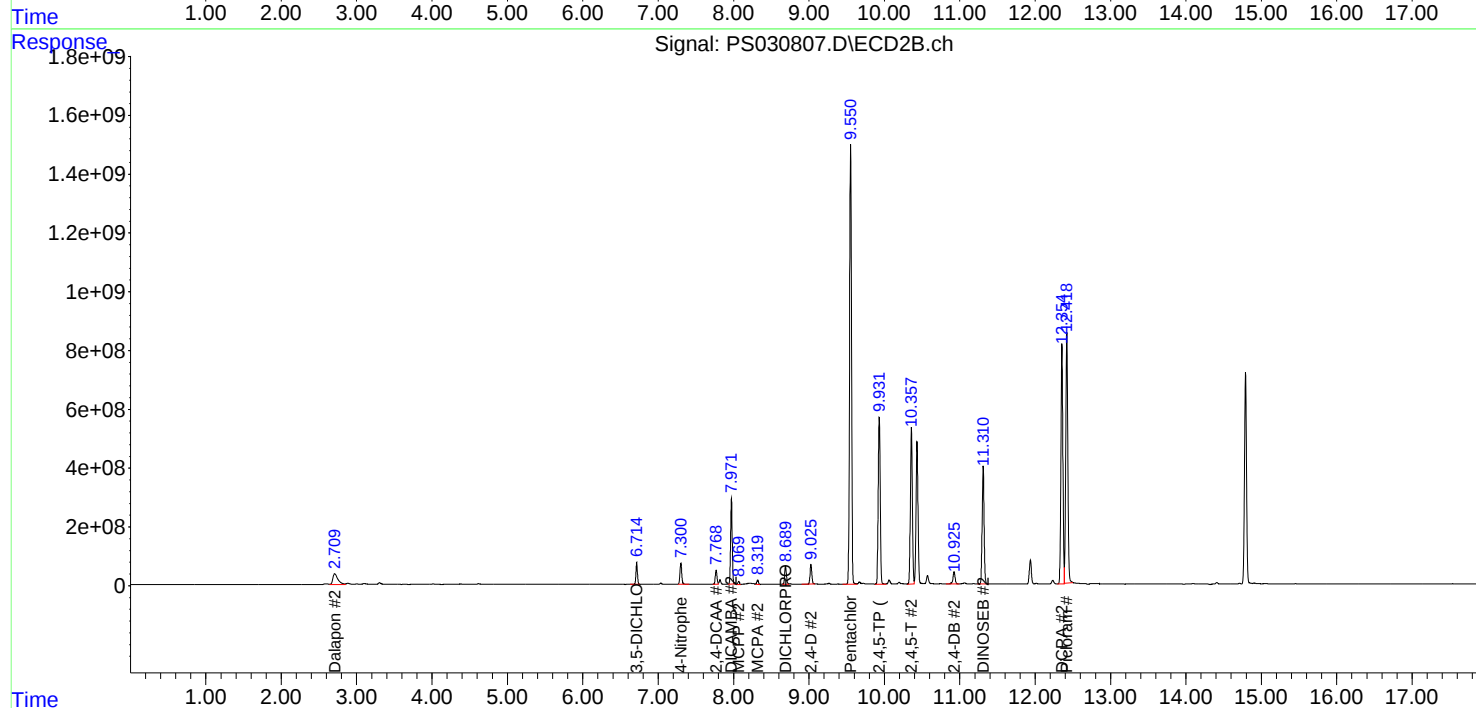
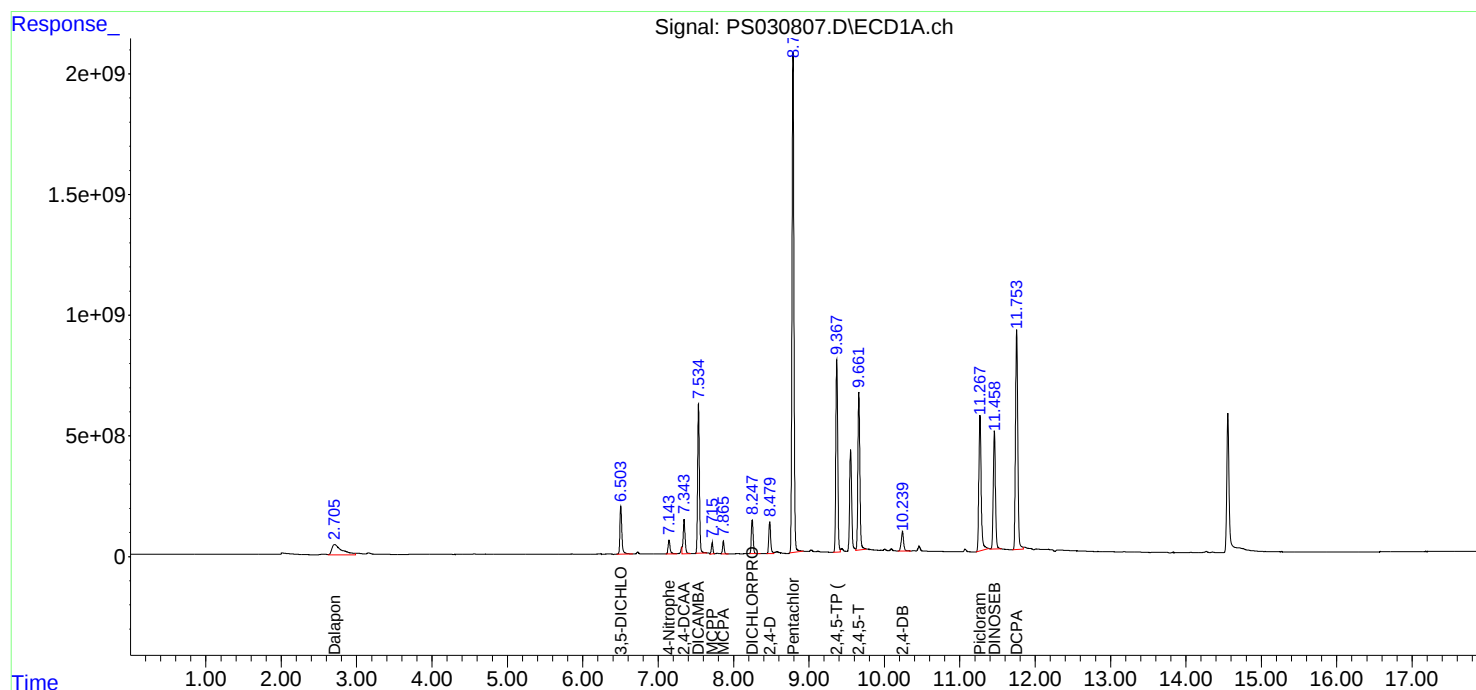
Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

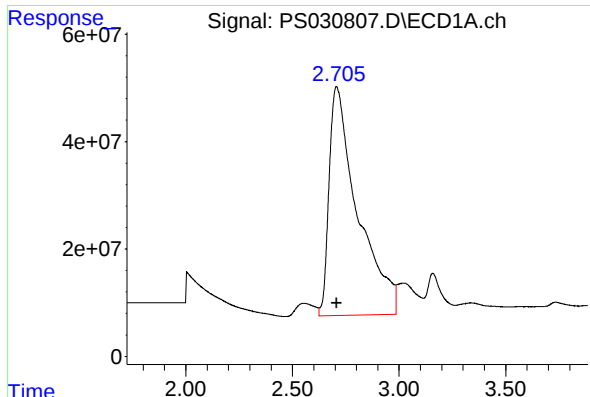
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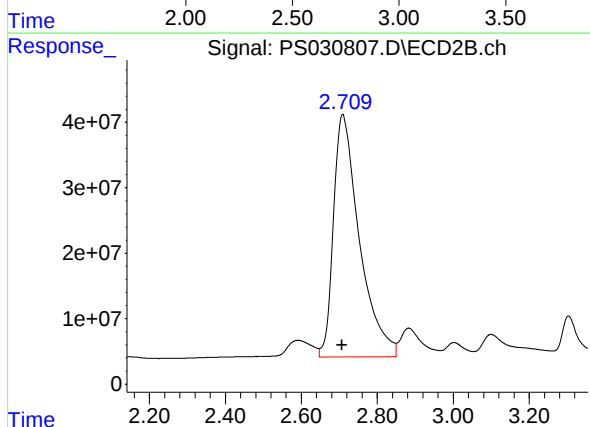
#1 Dalapon

R.T.: 2.705 min
Delta R.T.: -0.003 min
Response: 3948936880
Conc: 661.95 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

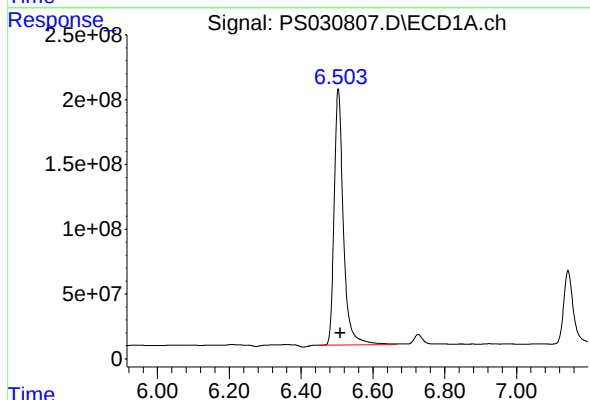
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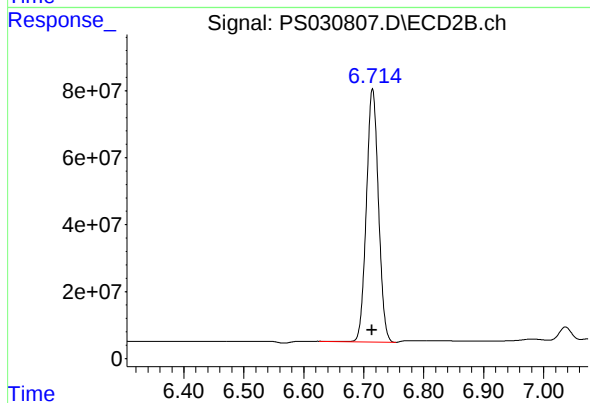
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.001 min
Response: 1759153694
Conc: 641.62 ng/ml



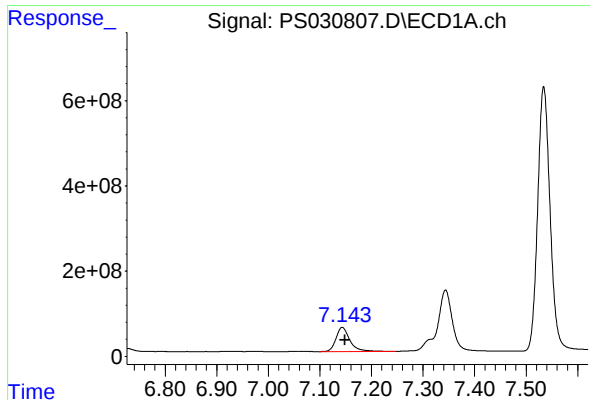
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.504 min
Delta R.T.: -0.005 min
Response: 3533900058
Conc: 657.16 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: 0.001 min
Response: 1059843892
Conc: 657.00 ng/ml



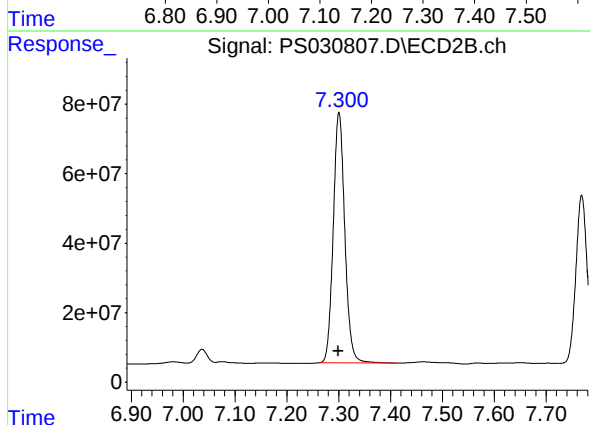
#3 4-Nitrophenol

R.T.: 7.143 min
Delta R.T.: -0.005 min
Response: 1055643030
Conc: 669.50 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

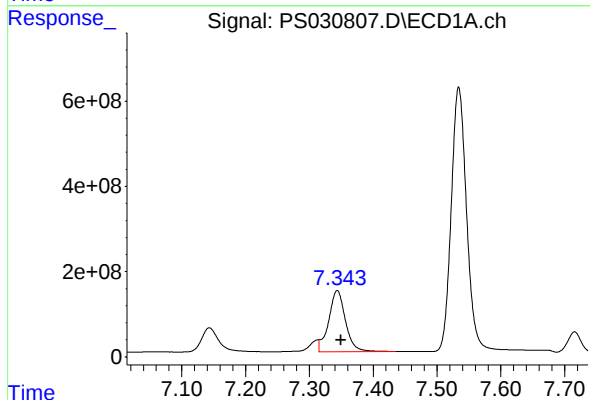
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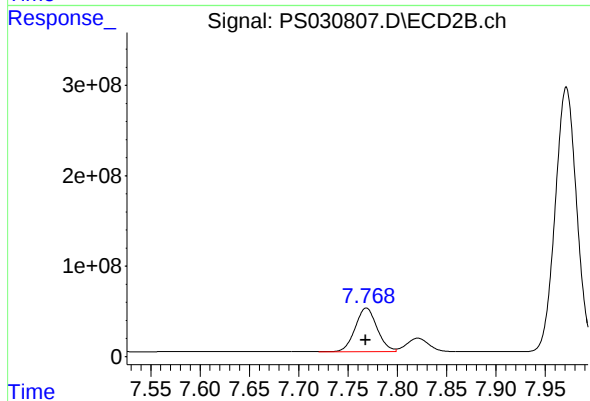
#3 4-Nitrophenol

R.T.: 7.301 min
Delta R.T.: 0.001 min
Response: 1114847014
Conc: 643.11 ng/ml



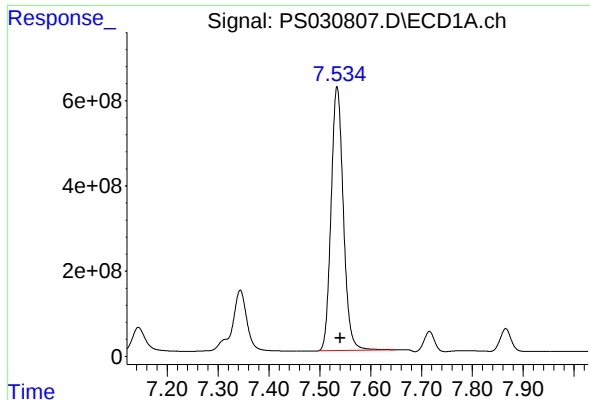
#4 2,4-DCAA

R.T.: 7.343 min
Delta R.T.: -0.006 min
Response: 2600232851
Conc: 707.66 ng/ml m



#4 2,4-DCAA

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 750891856
Conc: 700.48 ng/ml



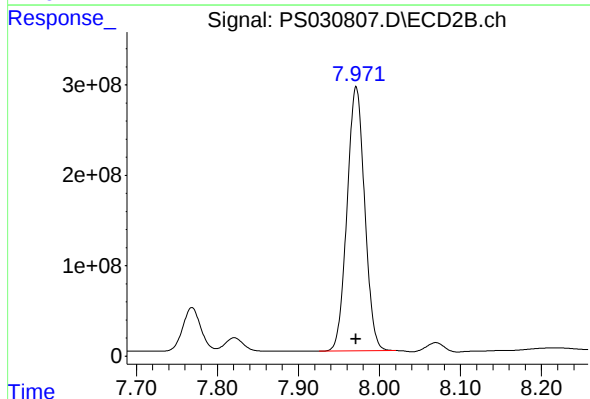
#5 DICAMBA

R.T.: 7.534 min
Delta R.T.: -0.006 min
Response: 10325965778
Conc: 678.67 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

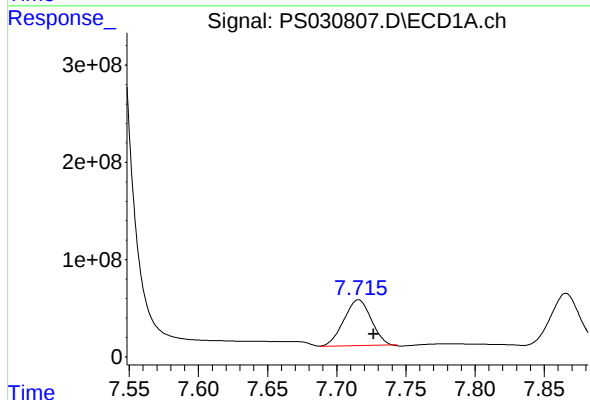
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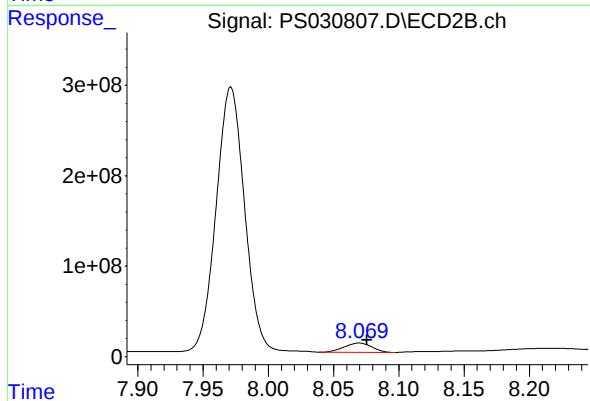
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4417320917
Conc: 674.07 ng/ml



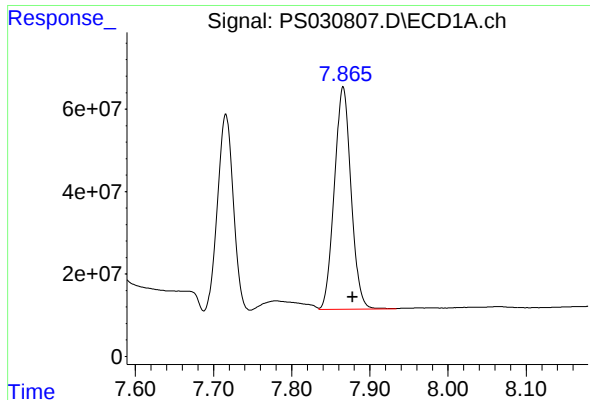
#6 MCPP

R.T.: 7.715 min
Delta R.T.: -0.011 min
Response: 651997621
Conc: 69.45 ug/ml m



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 151767362
Conc: 72.36 ug/ml



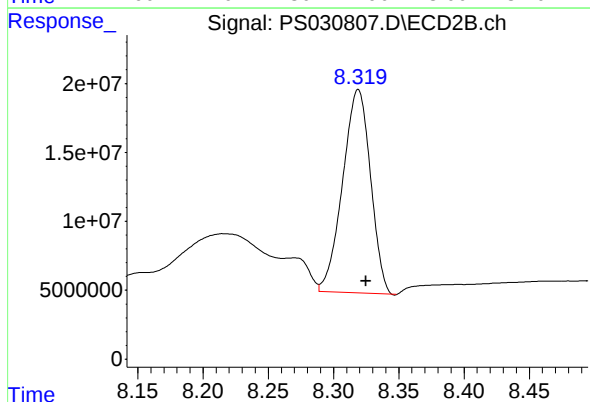
#7 MCPA

R.T.: 7.866 min
Delta R.T.: -0.012 min
Response: 804507908
Conc: 68.58 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

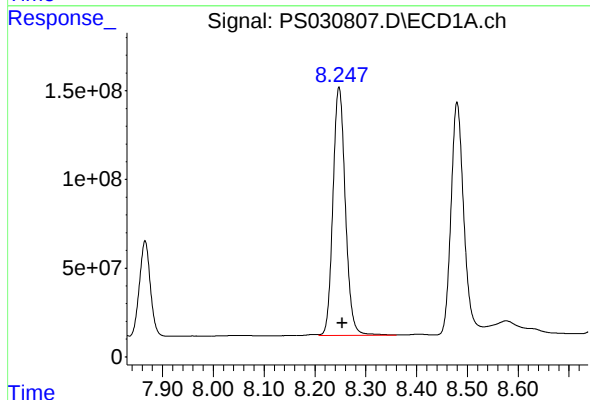
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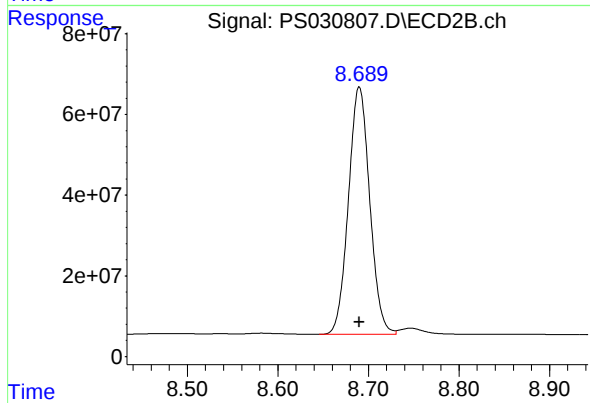
#7 MCPA

R.T.: 8.319 min
Delta R.T.: -0.006 min
Response: 219129848
Conc: 69.66 ug/ml



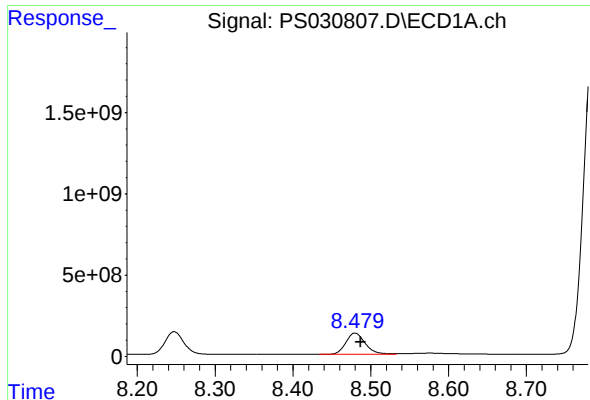
#8 DICHLORPROP

R.T.: 8.247 min
Delta R.T.: -0.007 min
Response: 2379126130
Conc: 635.15 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1002215115
Conc: 637.34 ng/ml



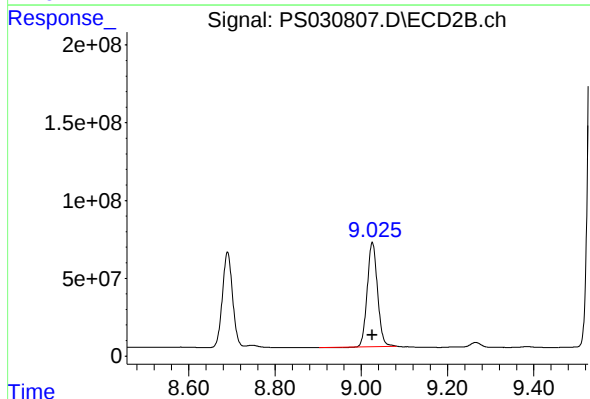
#9 2,4-D

R.T.: 8.480 min
Delta R.T.: -0.007 min
Response: 2300777464
Conc: 667.97 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

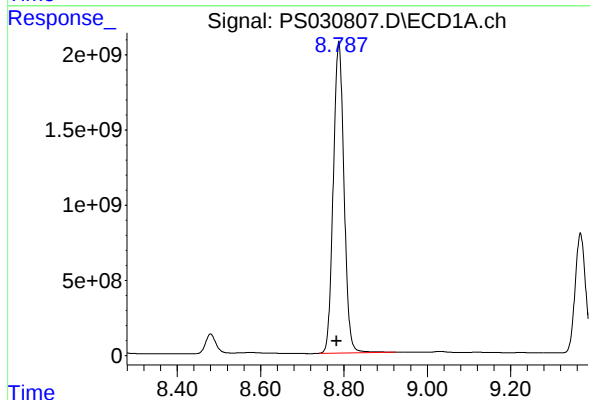
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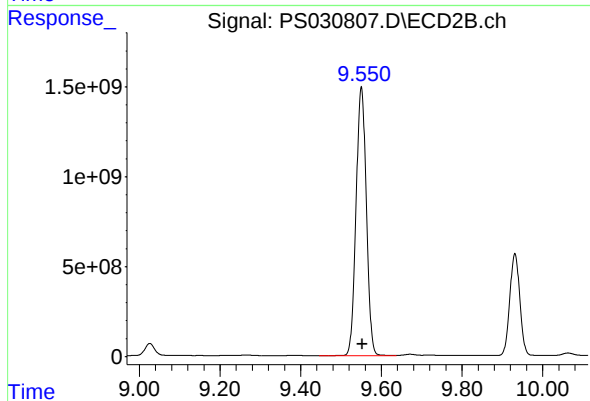
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 1102923816
Conc: 649.01 ng/ml



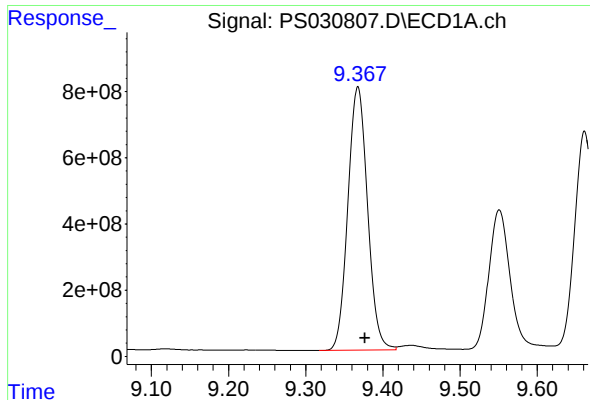
#10 Pentachlorophenol

R.T.: 8.788 min
Delta R.T.: 0.005 min
Response: 36940707592
Conc: 697.98 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.002 min
Response: 26461824848
Conc: 694.13 ng/ml



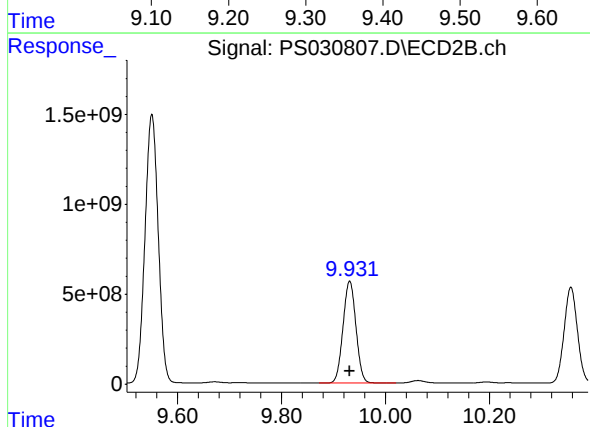
#11 2,4,5-TP (SILVEX)

R.T.: 9.368 min
Delta R.T.: -0.009 min
Response: 13967877160
Conc: 697.33 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

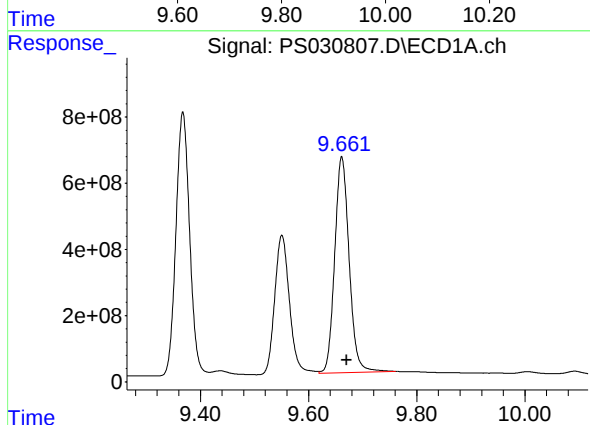
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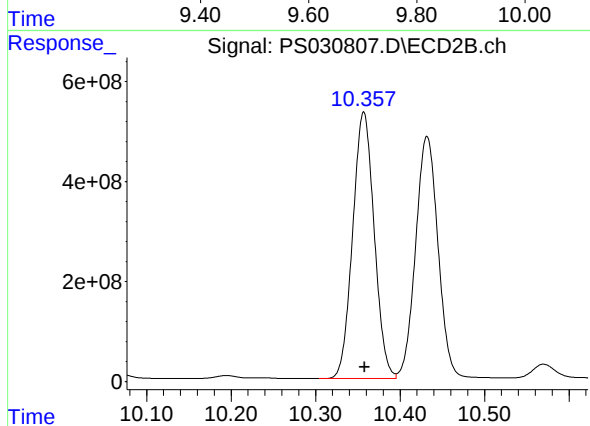
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 9796725938
Conc: 678.97 ng/ml



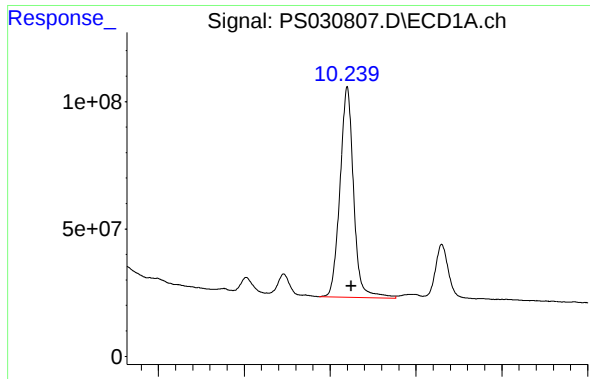
#12 2,4,5-T

R.T.: 9.661 min
Delta R.T.: -0.009 min
Response: 12079327780
Conc: 734.16 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 9429005085
Conc: 690.03 ng/ml



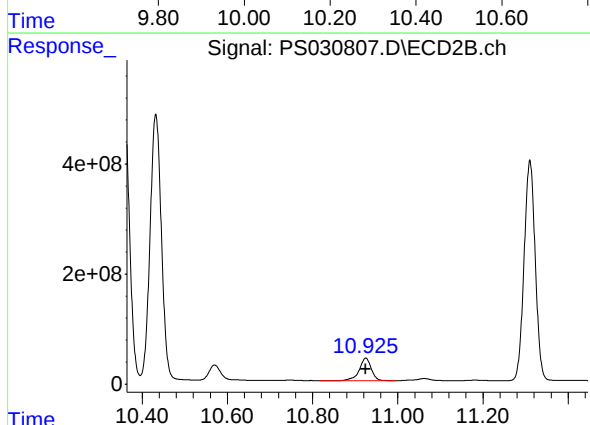
#13 2,4-DB

R.T.: 10.240 min
Delta R.T.: -0.010 min
Response: 1821578288
Conc: 794.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

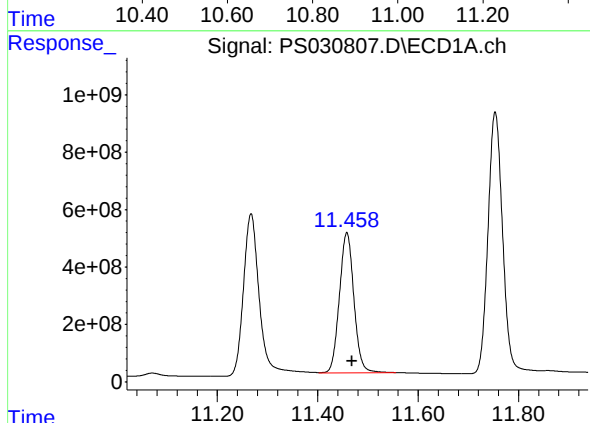
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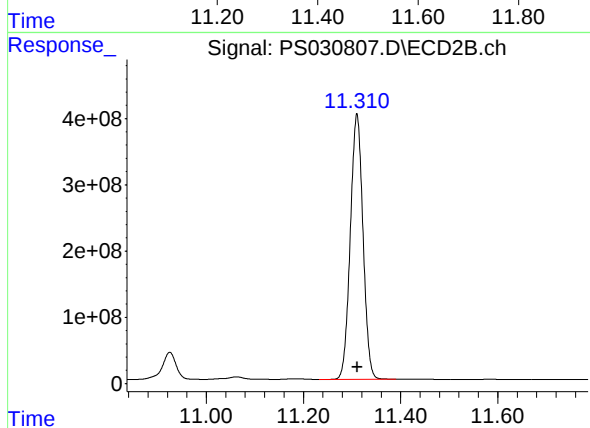
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 799388940
Conc: 675.79 ng/ml



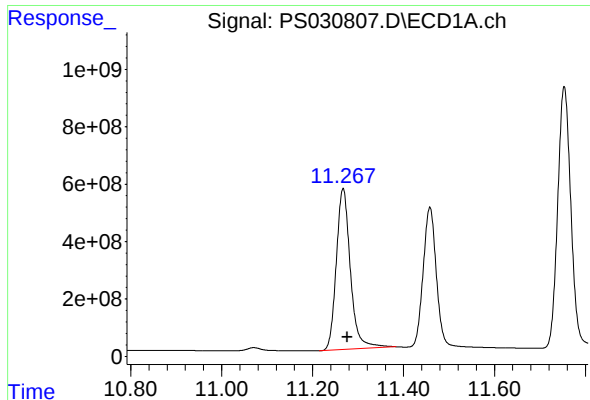
#14 DINOSEB

R.T.: 11.458 min
Delta R.T.: -0.011 min
Response: 9790396700
Conc: 705.71 ng/ml m



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 7246916968
Conc: 672.18 ng/ml



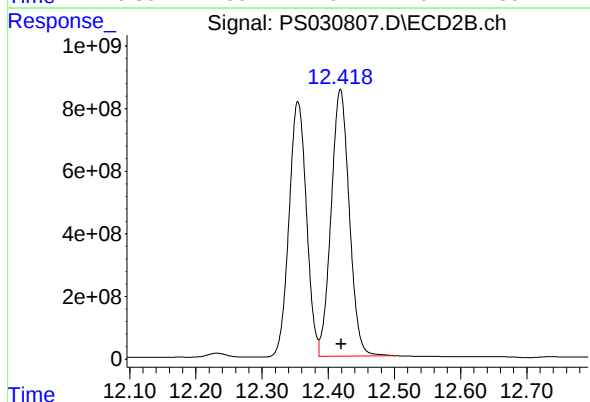
#15 Picloram

R.T.: 11.267 min
Delta R.T.: -0.009 min
Response: 12083087086
Conc: 751.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

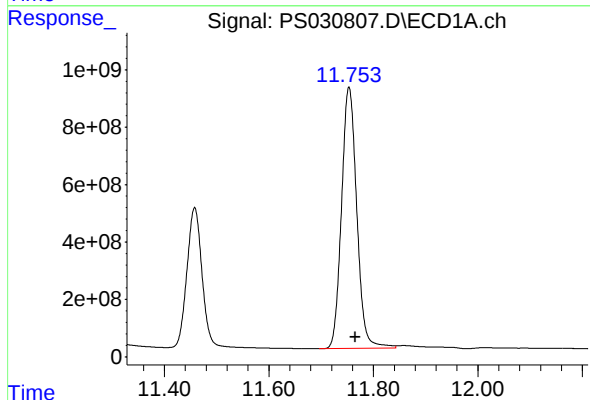
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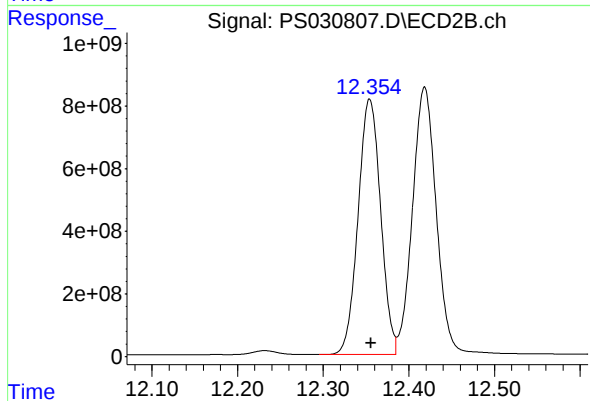
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.001 min
Response: 16273532874
Conc: 700.20 ng/ml



#16 DCPA

R.T.: 11.753 min
Delta R.T.: -0.012 min
Response: 18447599047
Conc: 720.15 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 14922779966
Conc: 676.99 ng/ml m