

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030686.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 11:57
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS061625

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/17/2025
 Supervised By :mohammad ahmed 06/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 12:24:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS061625.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 16 11:52:28 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	7.350	7.767	2558.2E6	759.8E6	680.238m	703.715
Target Compounds							
1) T	Dalapon	2.708	2.709	4014.4E6	1804.1E6	641.812	641.087
2) T	3,5-DICHL...	6.510	6.713	3528.6E6	1059.7E6	648.982	655.055
3) T	4-Nitroph...	7.150	7.299	1033.9E6	1107.1E6	634.193	649.407
5) T	DICAMBA	7.542	7.970	10445.4E6	4464.3E6	667.624	673.299
6) T	MCP	7.724	8.070	663.5E6	154.7E6	69.764	70.267
7) T	MCPA	7.874	8.319	800.3E6	218.4E6	67.159	68.132
8) T	DICHLORPROP	8.256	8.690	2361.7E6	1016.2E6	642.605	663.162
9) T	2,4-D	8.489	9.025	2237.6E6	1120.9E6	658.055	668.594
10) T	Pentachlo...	8.797	9.551	37024.8E6	26410.4E6	716.281	696.183
11) T	2,4,5-TP ...	9.378	9.931	13677.8E6	9797.4E6	683.657	682.524
12) T	2,4,5-T	9.671	10.357	11424.9E6	9399.0E6	687.087	681.655
13) T	2,4-DB	10.251	10.925	1676.4E6	798.8E6	678.397	673.208
14) T	DINOSEB	11.470	11.310	9565.7E6	7384.9E6	675.475	673.969
15) T	Picloram	11.279	12.419	11520.5E6	16837.8E6	690.007	702.281
16) T	DCPA	11.766	12.355	17672.3E6	14867.2E6	680.354	692.283

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

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ALS Vial : 8 Sample Multiplier: 1

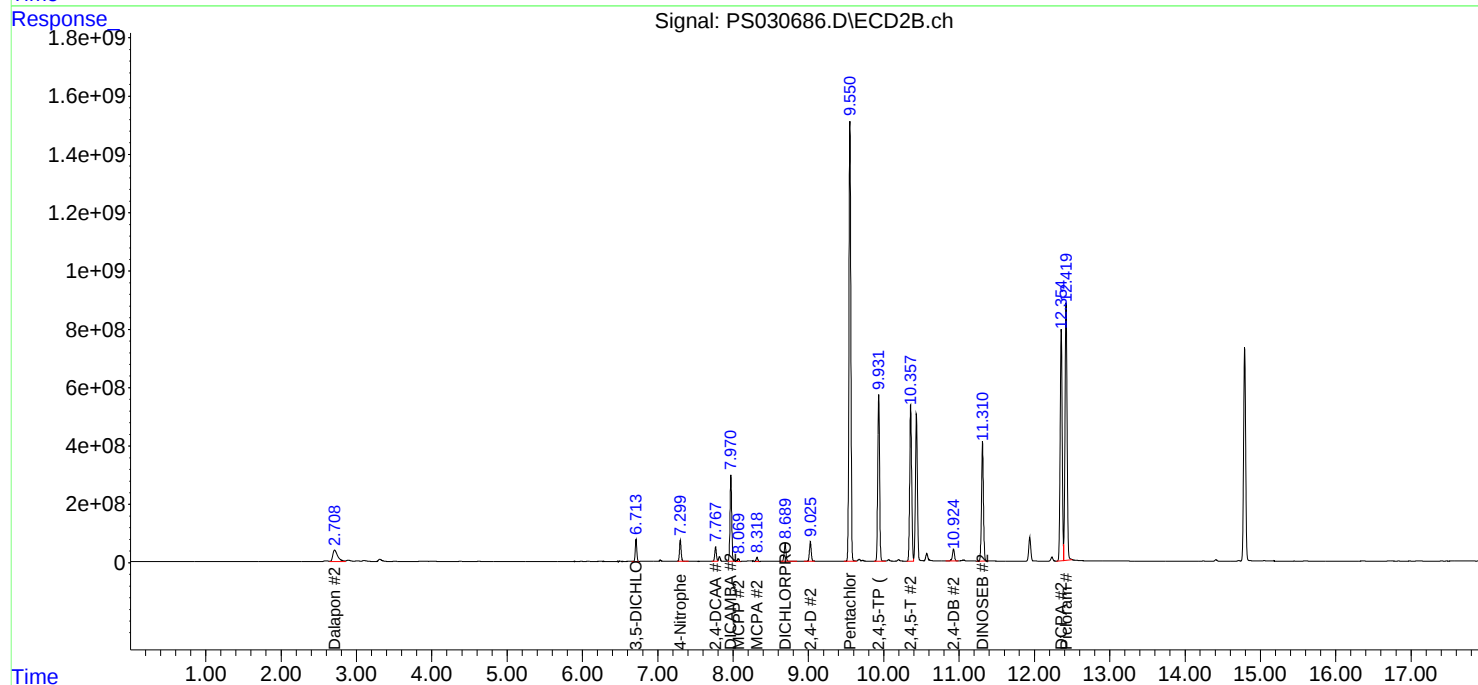
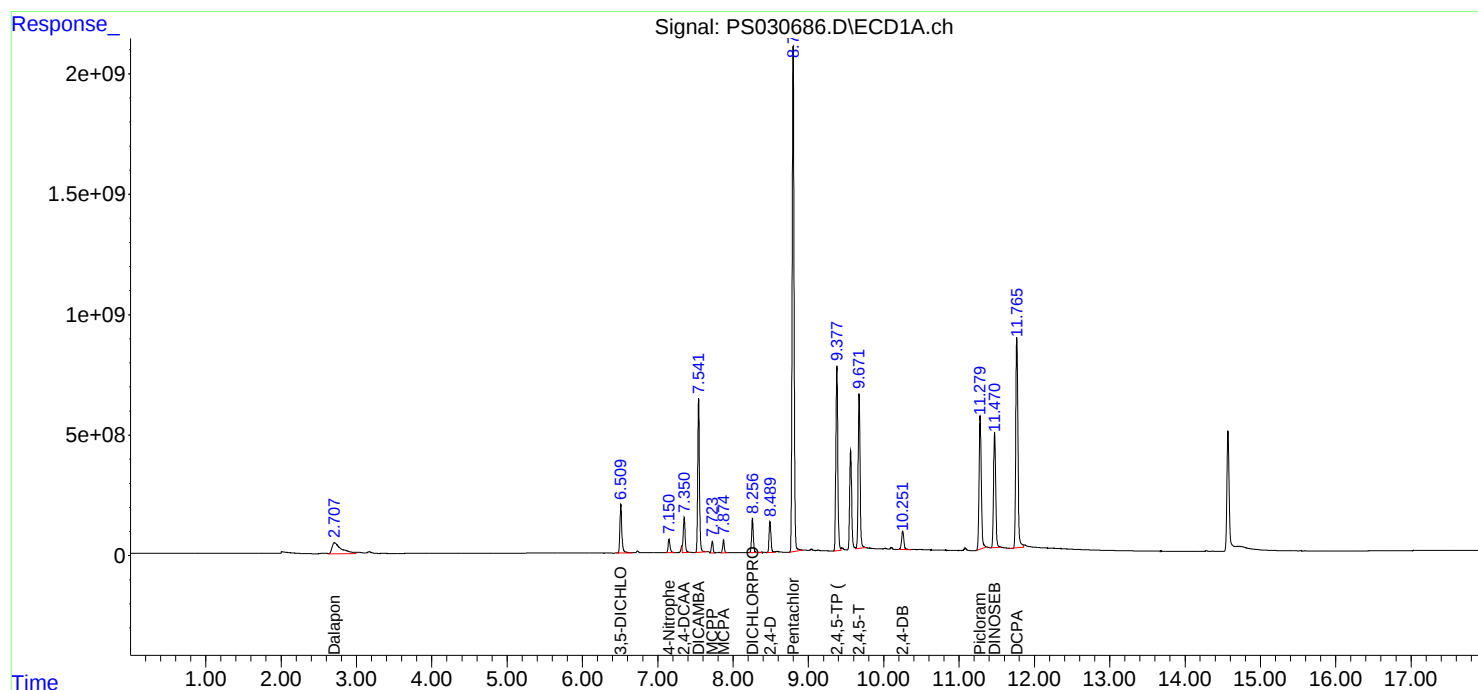
Instrument :
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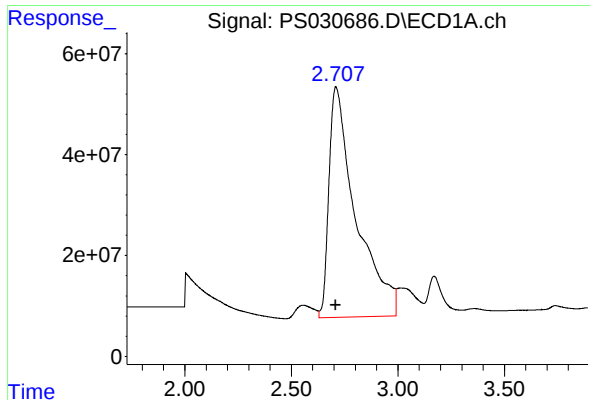
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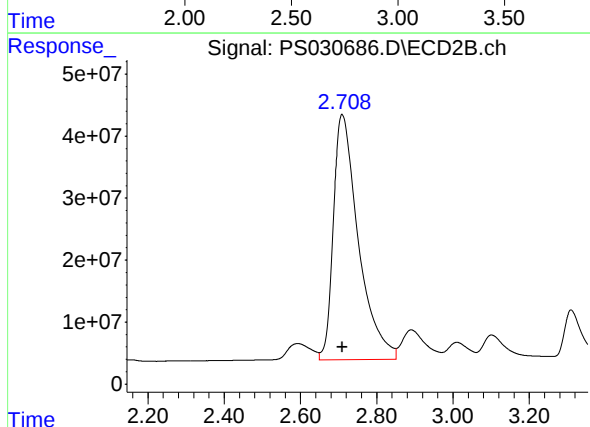
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: -0.001 min
Response: 4014373067
Conc: 641.81 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS061625

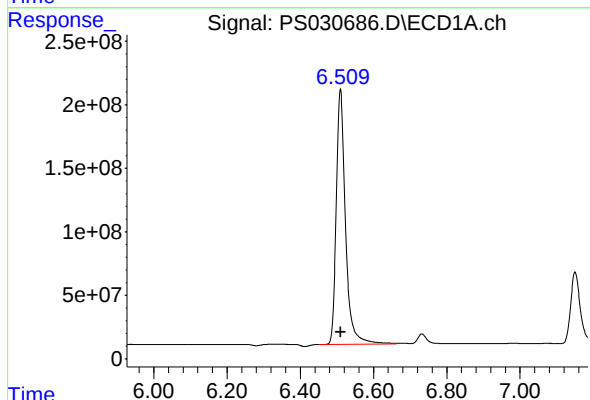
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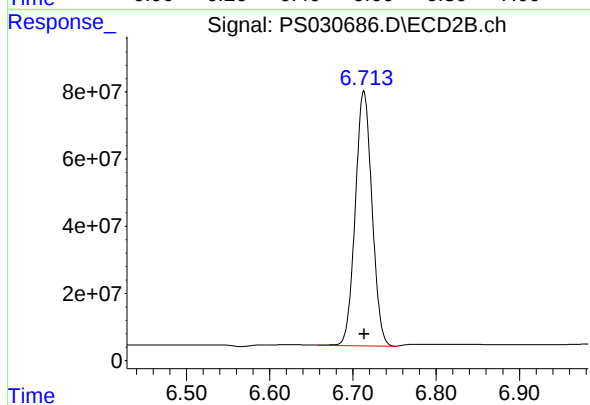
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.000 min
Response: 1804122117
Conc: 641.09 ng/ml



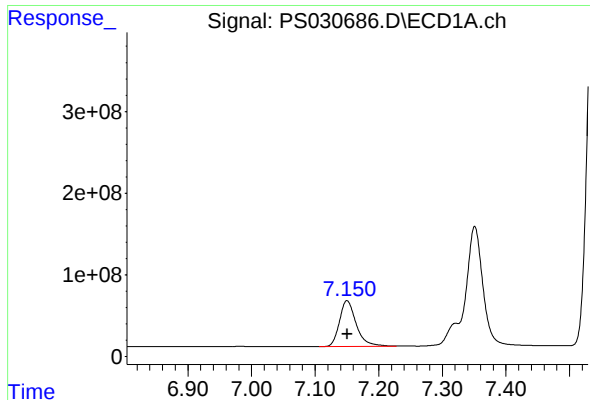
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 3528553570
Conc: 648.98 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 1059670003
Conc: 655.05 ng/ml



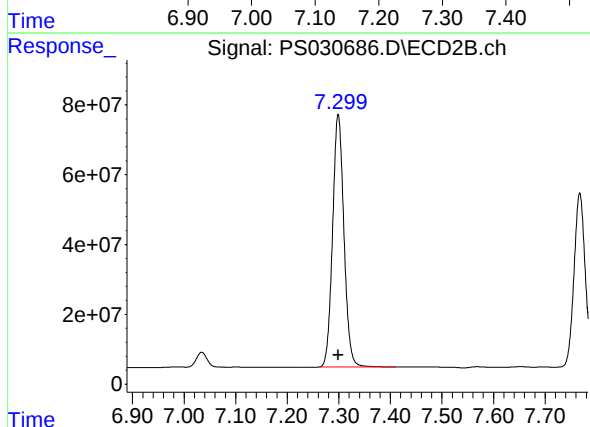
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 1033892424
Conc: 634.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS061625

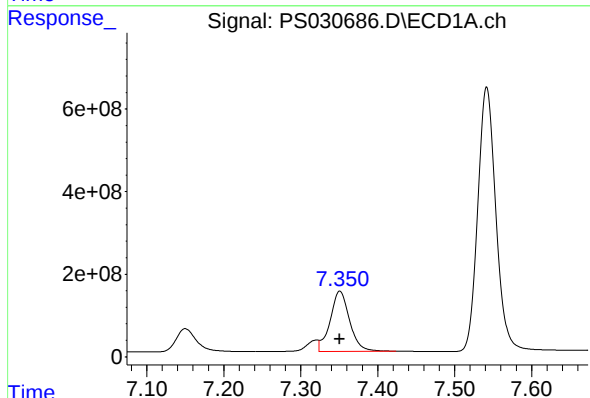
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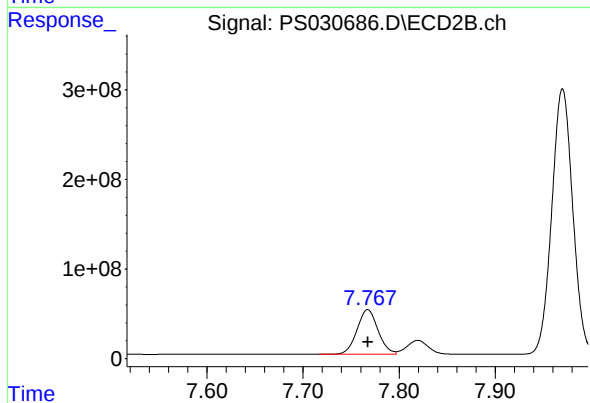
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1107140241
Conc: 649.41 ng/ml



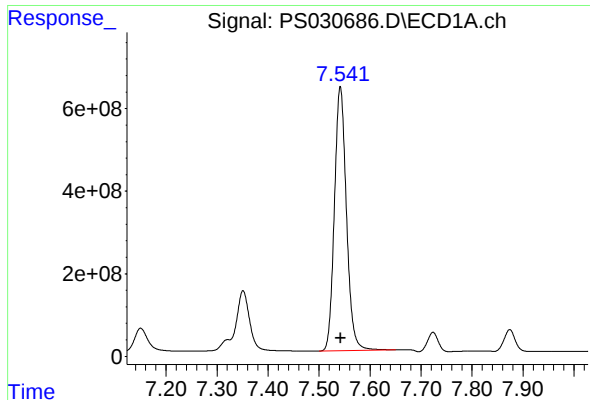
#4 2,4-DCAA

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 2558249587
Conc: 680.24 ng/ml m



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 759794245
Conc: 703.71 ng/ml



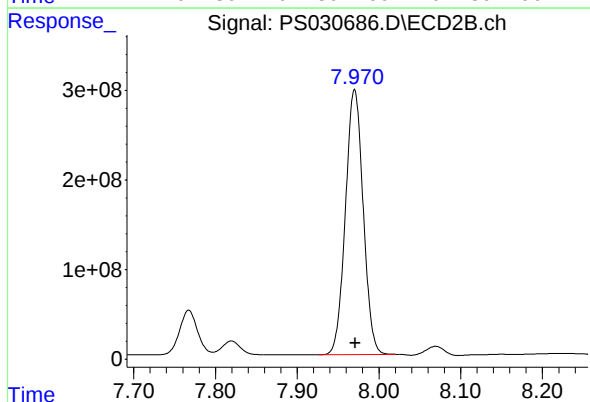
#5 DICAMBA

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 10445354707
Conc: 667.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS061625

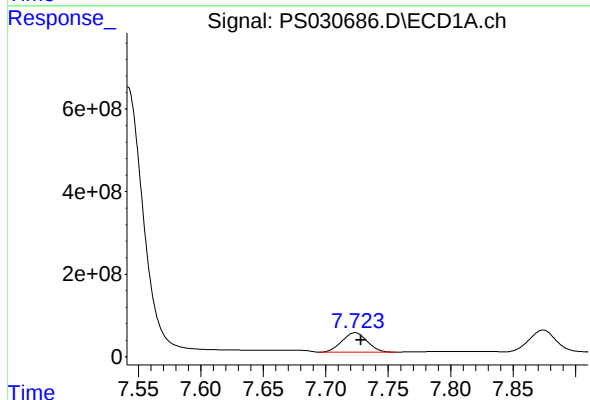
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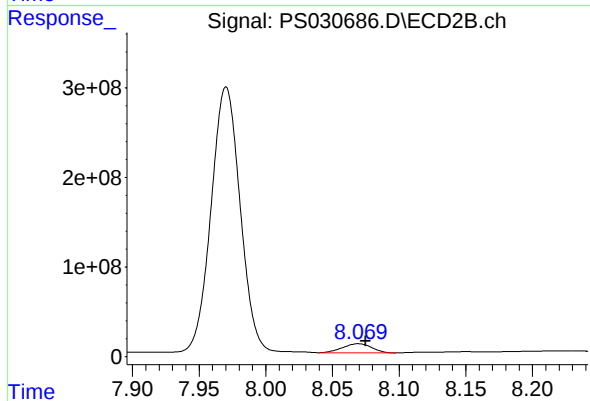
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 4464316388
Conc: 673.30 ng/ml



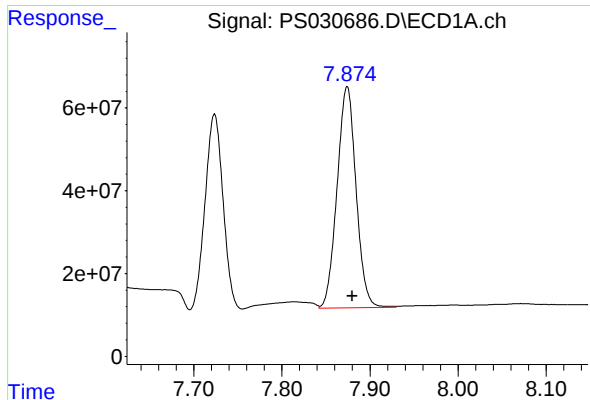
#6 MCPP

R.T.: 7.724 min
Delta R.T.: -0.005 min
Response: 663520914
Conc: 69.76 ug/ml



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.006 min
Response: 154685983
Conc: 70.27 ug/ml



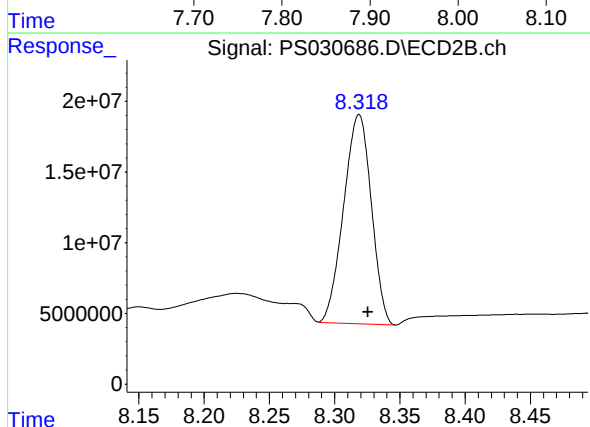
#7 MCPA

R.T.: 7.874 min
Delta R.T.: -0.006 min
Response: 800344670
Conc: 67.16 ug/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS061625

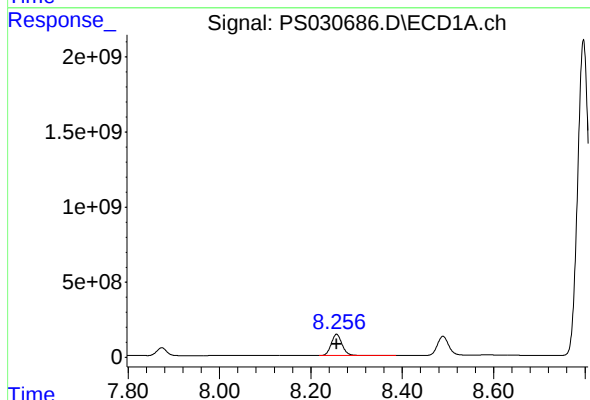
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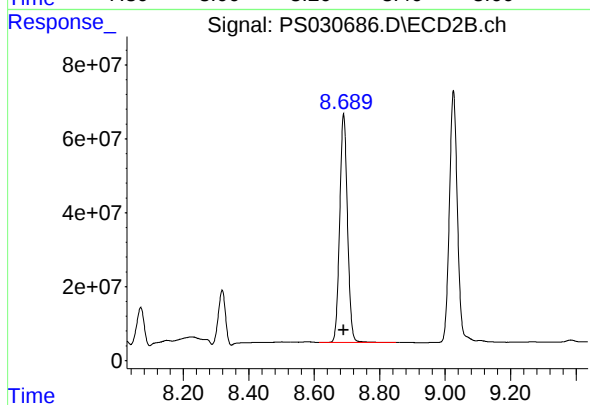
#7 MCPA

R.T.: 8.319 min
Delta R.T.: -0.007 min
Response: 218436670
Conc: 68.13 ug/ml



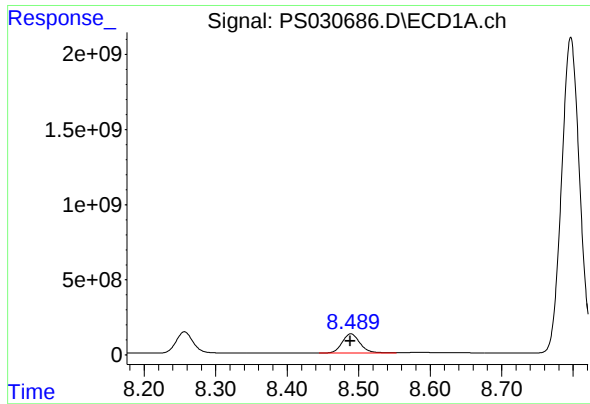
#8 DICHLORPROP

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 2361747855
Conc: 642.60 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1016207142
Conc: 663.16 ng/ml



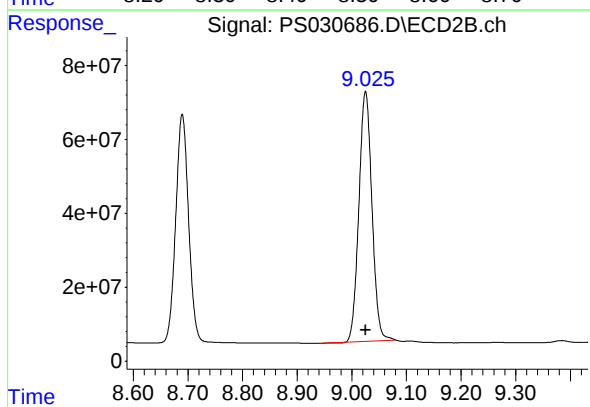
#9 2,4-D

R.T.: 8.489 min
Delta R.T.: 0.000 min
Response: 2237626409
Conc: 658.06 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS061625

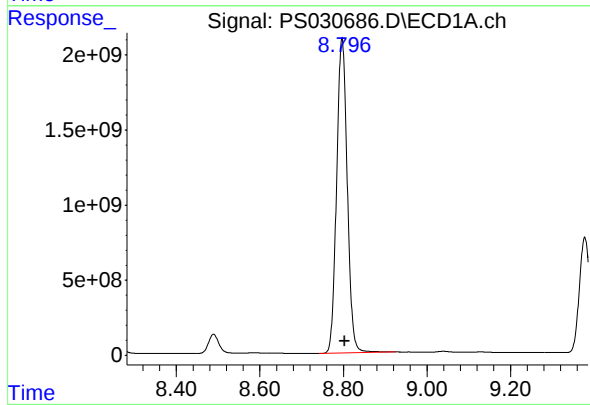
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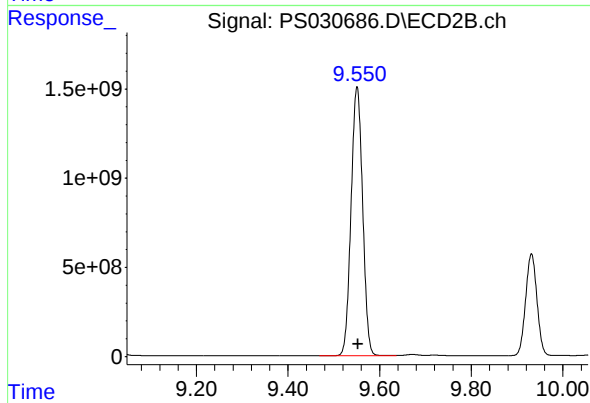
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 1120861687
Conc: 668.59 ng/ml



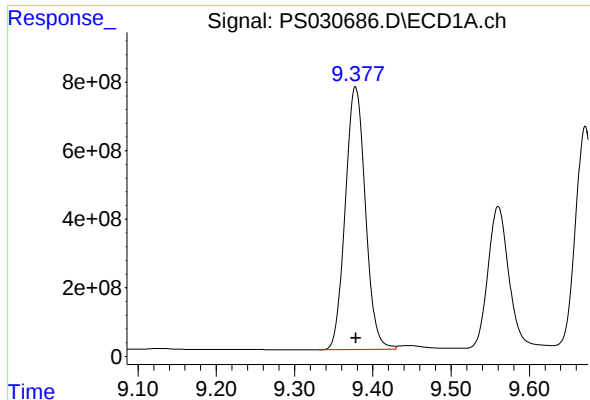
#10 Pentachlorophenol

R.T.: 8.797 min
Delta R.T.: -0.006 min
Response: 37024789777
Conc: 716.28 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 26410384732
Conc: 696.18 ng/ml



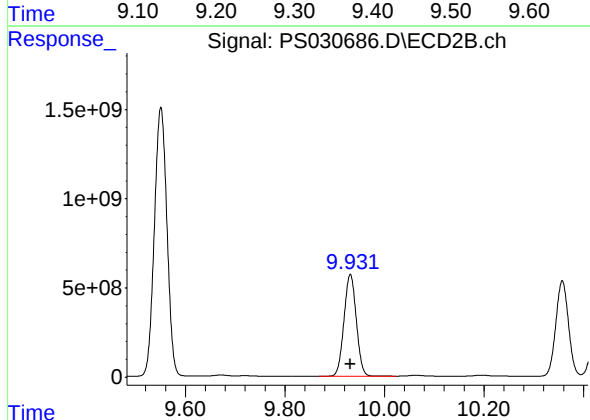
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 13677807303
Conc: 683.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
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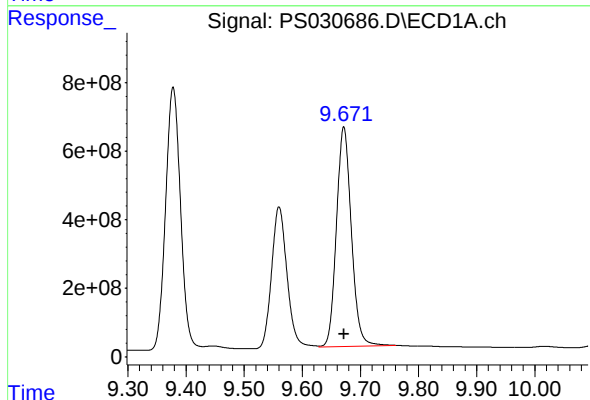
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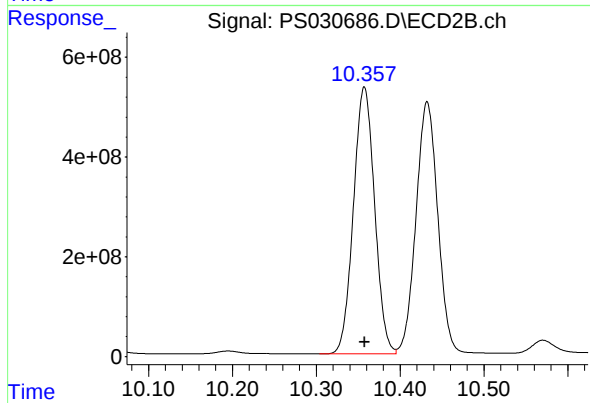
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 9797358838
Conc: 682.52 ng/ml



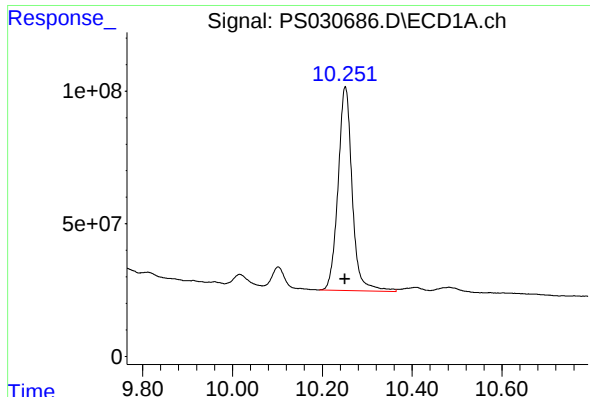
#12 2,4,5-T

R.T.: 9.671 min
Delta R.T.: 0.000 min
Response: 11424907921
Conc: 687.09 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: 0.000 min
Response: 9399022264
Conc: 681.65 ng/ml



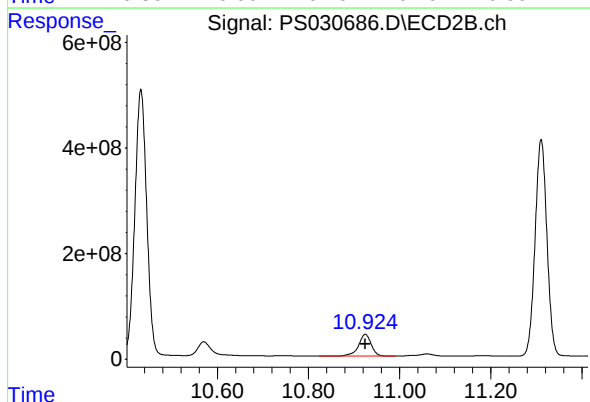
#13 2,4-DB

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 1676424412
Conc: 678.40 ng/ml

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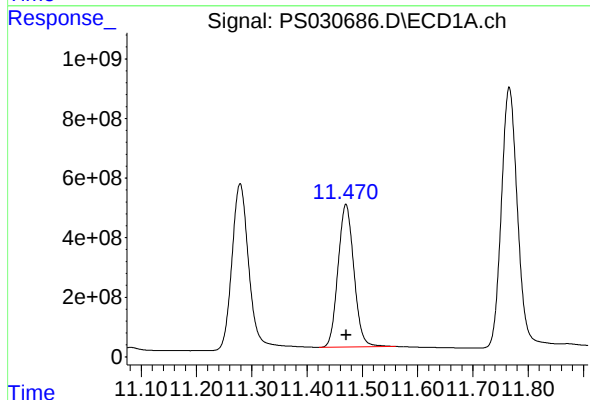
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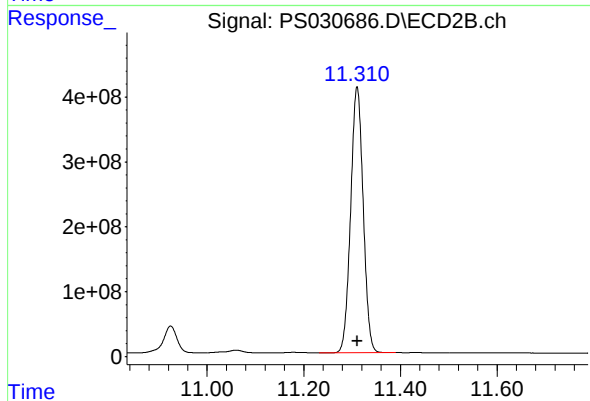
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 798798814
Conc: 673.21 ng/ml



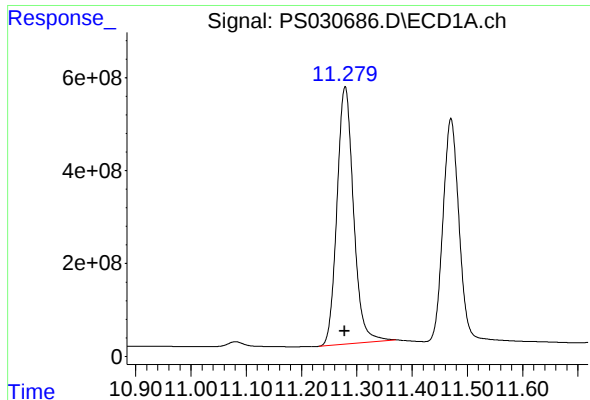
#14 DINOSEB

R.T.: 11.470 min
Delta R.T.: 0.000 min
Response: 9565654143
Conc: 675.48 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 7384935790
Conc: 673.97 ng/ml



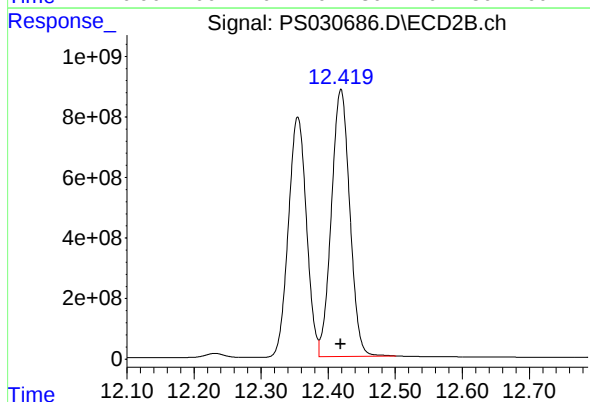
#15 Picloram

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 11520494616
Conc: 690.01 ng/ml

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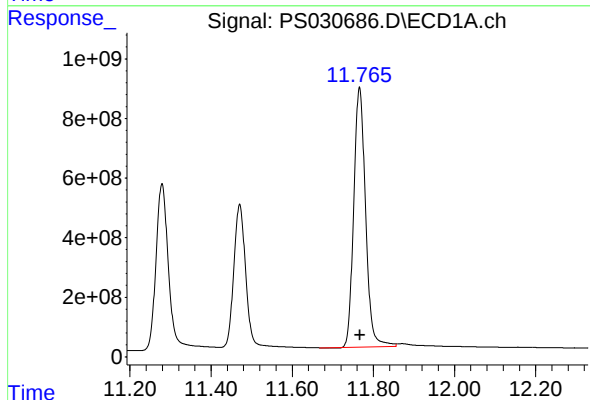
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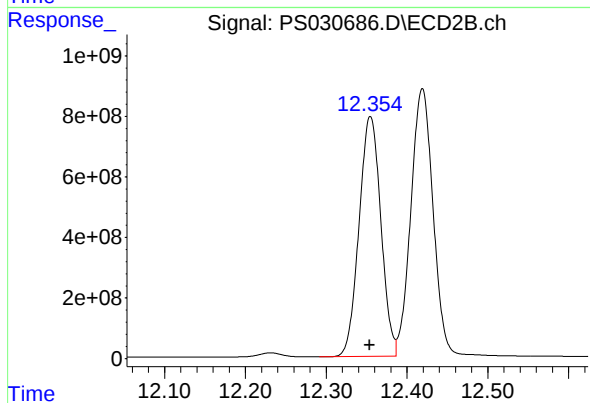
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 16837784413
Conc: 702.28 ng/ml



#16 DCPA

R.T.: 11.766 min
Delta R.T.: -0.001 min
Response: 17672301241
Conc: 680.35 ng/ml



#16 DCPA

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 14867179827
Conc: 692.28 ng/ml