

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS061625\
 Data File : PS030688.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jun 2025 13:11
 Operator : AR\AJ
 Sample : HSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 HSTDCCC750

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 16 14:07:42 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	7.768	2580.0E6	755.5E6	686.032m	699.781
Target Compounds							
1) T	Dalapon	2.708	2.709	4030.5E6	1806.4E6	644.388	641.887
2) T	3,5-DICHL...	6.509	6.714	3554.1E6	1054.4E6	653.682	651.790
3) T	4-Nitroph...	7.150	7.299	1054.1E6	1103.7E6	646.559	647.396
5) T	DICAMBA	7.541	7.971	10489.8E6	4452.2E6	670.465	671.474
6) T	MCP	7.723	8.070	669.5E6	153.6E6	70.391	69.774
7) T	MCPA	7.874	8.319	813.6E6	216.7E6	68.268	67.592
8) T	DICHLORPROP	8.256	8.689	2383.5E6	1017.6E6	648.525	664.043
9) T	2,4-D	8.488	9.025	2257.1E6	1108.9E6	663.777	661.468
10) T	Pentachlo...	8.797	9.551	37147.6E6	26373.4E6	718.656	695.208
11) T	2,4,5-TP ...	9.378	9.932	13731.6E6	9778.0E6	686.348	681.174
12) T	2,4,5-T	9.672	10.358	11486.1E6	9368.8E6	690.769	679.466
13) T	2,4-DB	10.251	10.925	1700.5E6	790.8E6	688.139	666.496
14) T	DINOSEB	11.471	11.310	9593.7E6	7366.1E6	677.452	672.251
15) T	Picloram	11.280	12.419	11471.7E6	16510.7E6	687.085	688.641
16) T	DCPA	11.765	12.354	18042.6E6	14808.0E6	694.609	689.529m

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

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Sample : HSTDCCC750
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ALS Vial : 3 Sample Multiplier: 1

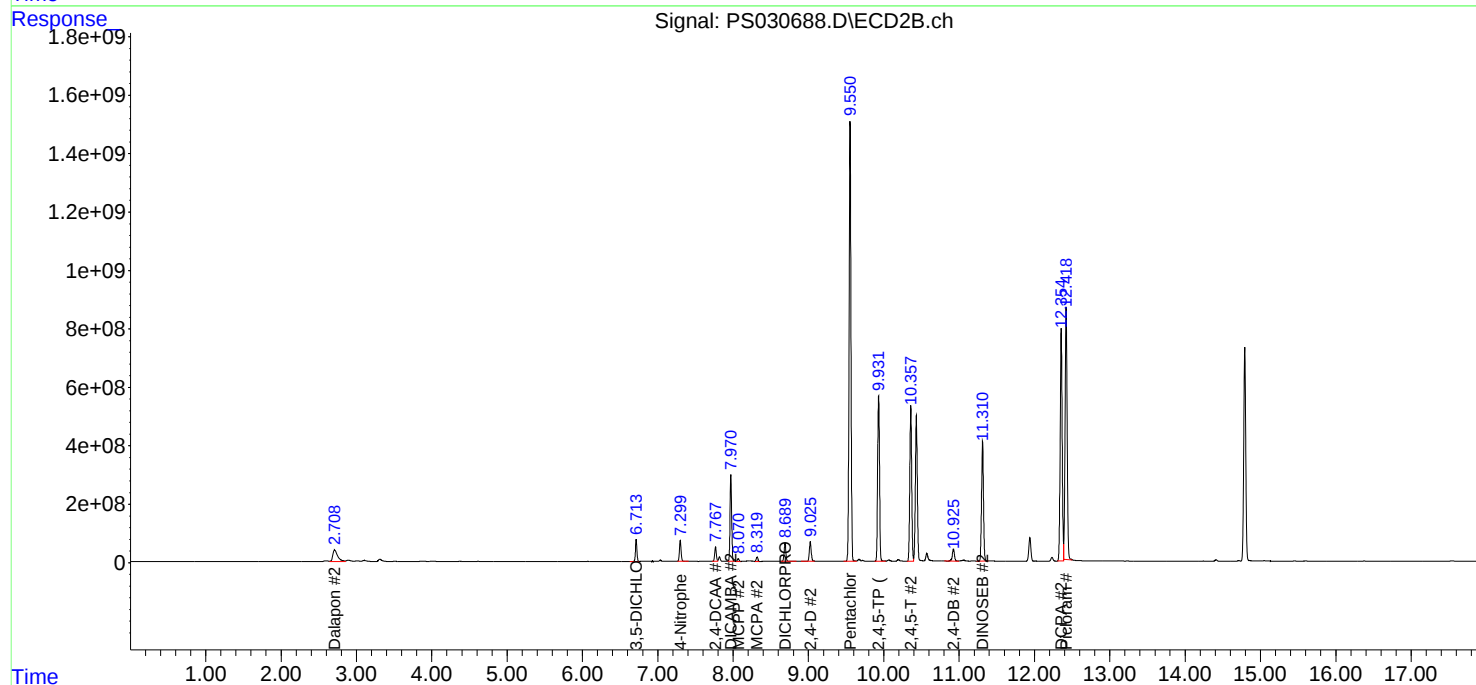
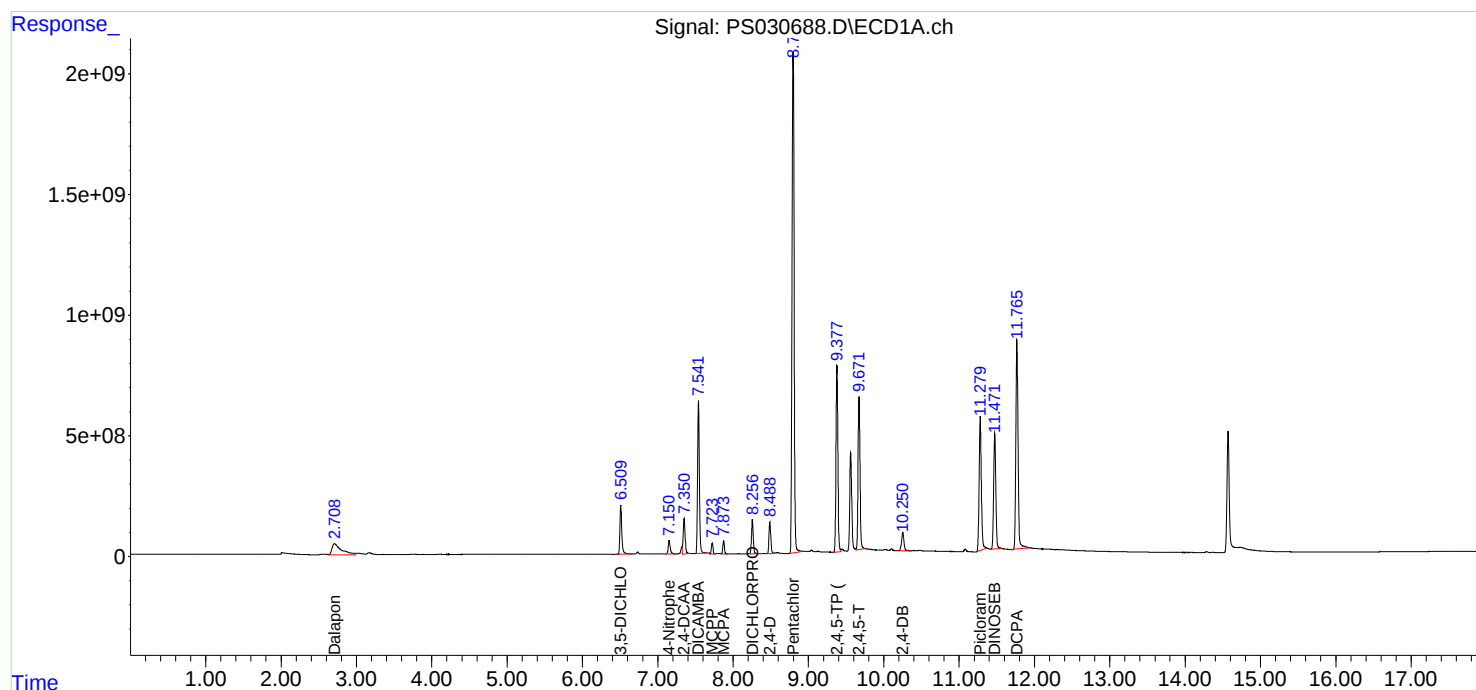
Instrument :
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ClientSampleId :
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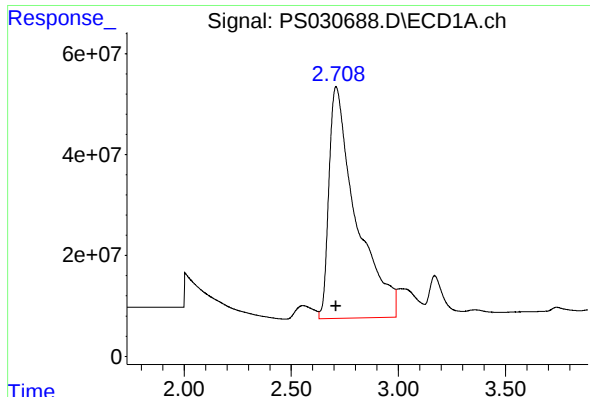
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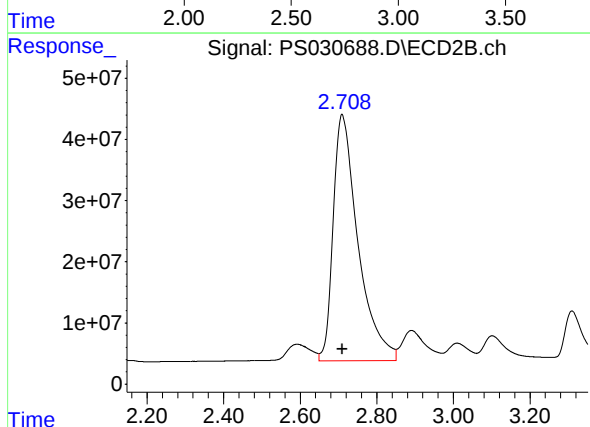
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: 0.000 min
Response: 4030486167
Conc: 644.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

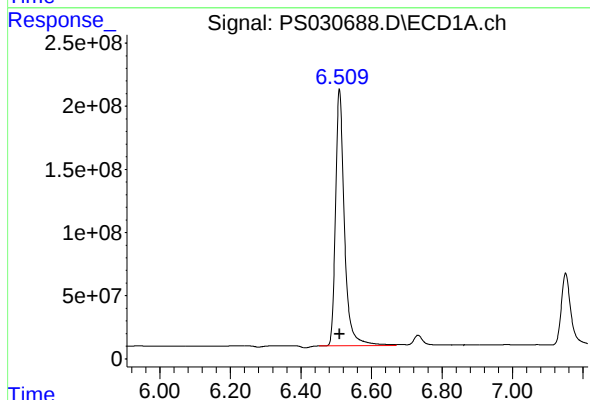
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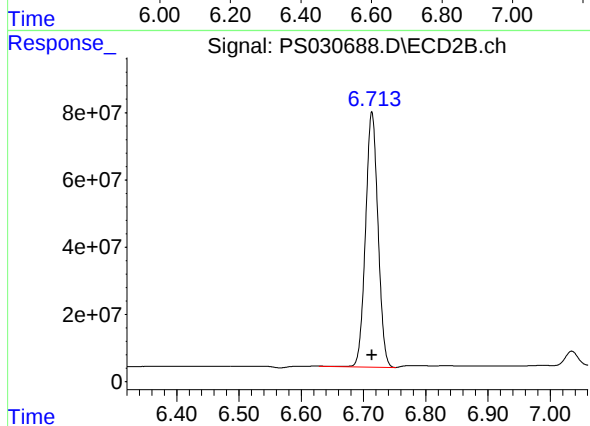
#1 Dalapon

R.T.: 2.709 min
Delta R.T.: 0.000 min
Response: 1806372651
Conc: 641.89 ng/ml



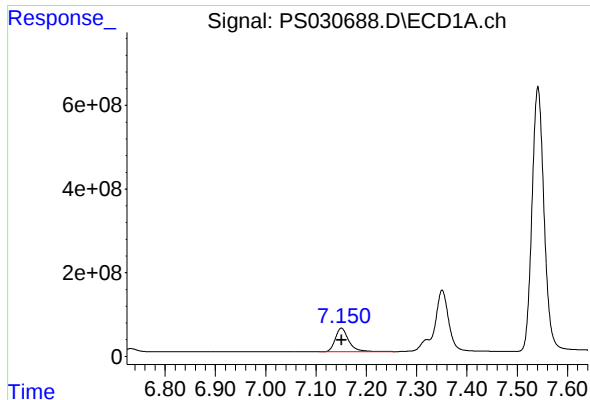
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 3554105341
Conc: 653.68 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1054387495
Conc: 651.79 ng/ml



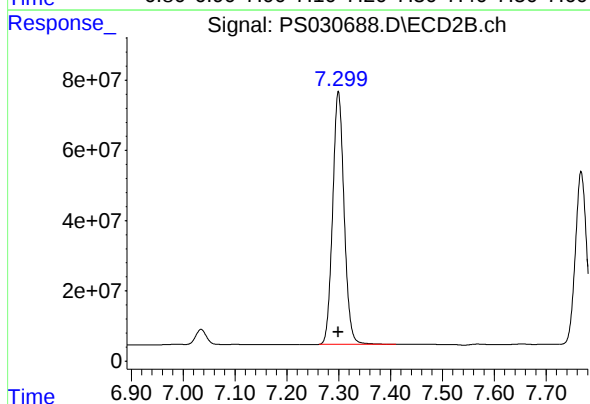
#3 4-Nitrophenol

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 1054051659
Conc: 646.56 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

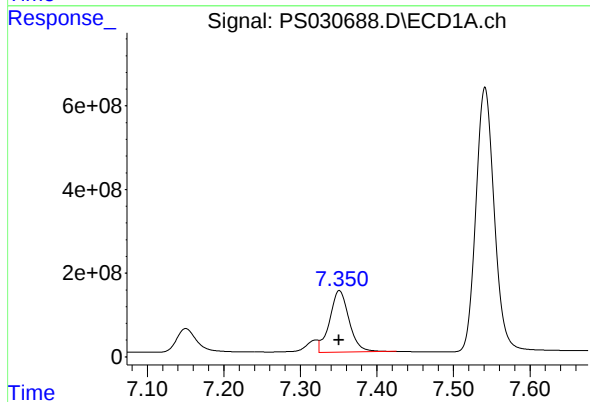
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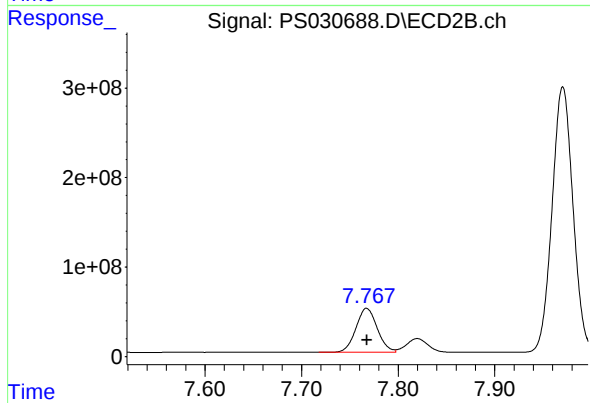
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.000 min
Response: 1103710831
Conc: 647.40 ng/ml



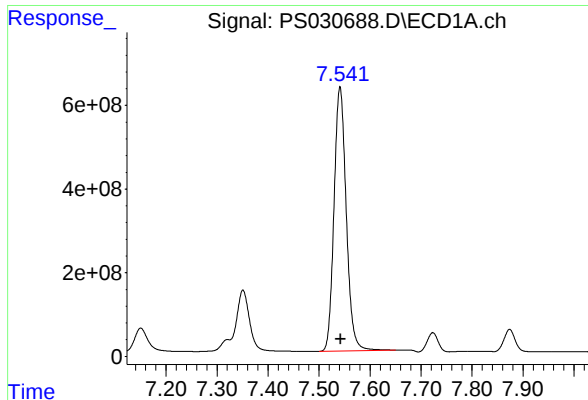
#4 2,4-DCAA

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 2580037760
Conc: 686.03 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 755547098
Conc: 699.78 ng/ml



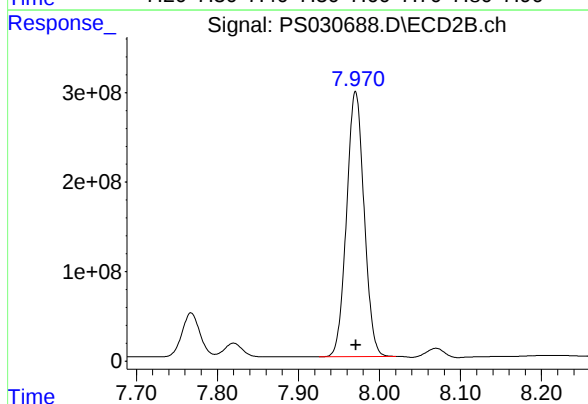
#5 DICAMBA

R.T.: 7.541 min
Delta R.T.: -0.001 min
Response: 10489805741
Conc: 670.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

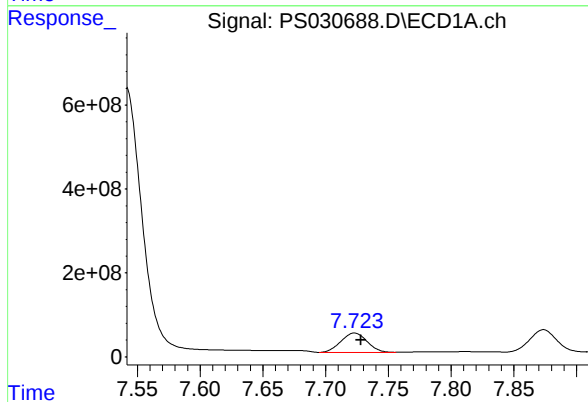
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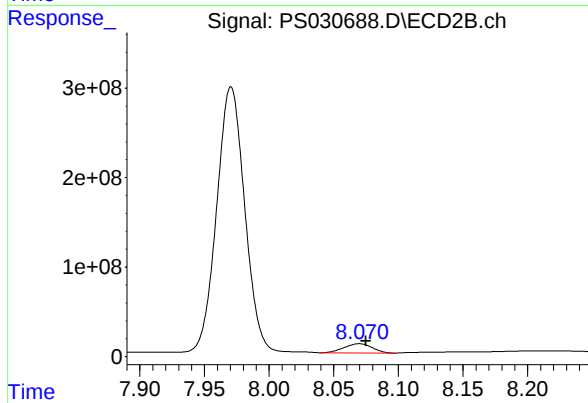
#5 DICAMBA

R.T.: 7.971 min
Delta R.T.: 0.000 min
Response: 4452212777
Conc: 671.47 ng/ml



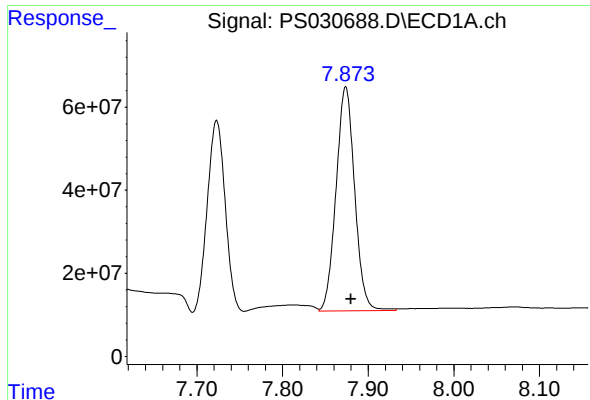
#6 MCPP

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 669481249
Conc: 70.39 ug/ml



#6 MCPP

R.T.: 8.070 min
Delta R.T.: -0.005 min
Response: 153599136
Conc: 69.77 ug/ml



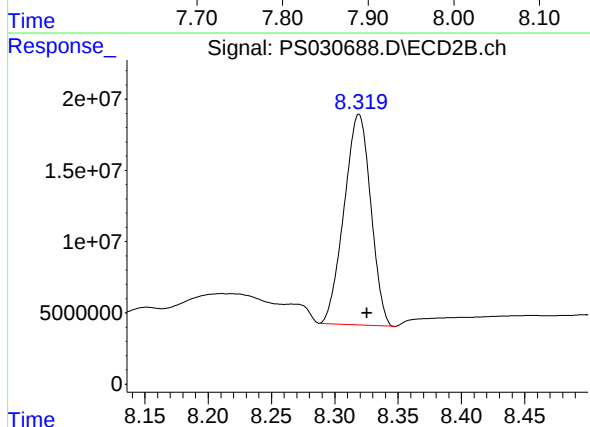
#7 MCPA

R.T.: 7.874 min
Delta R.T.: -0.006 min
Response: 813567810
Conc: 68.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

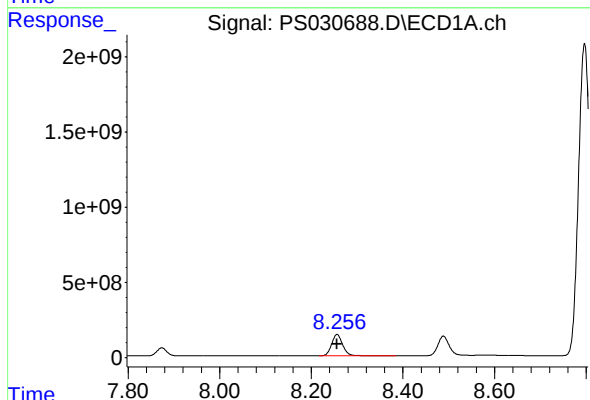
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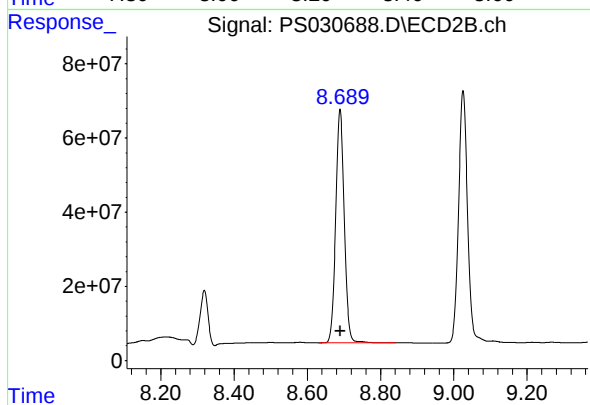
#7 MCPA

R.T.: 8.319 min
Delta R.T.: -0.007 min
Response: 216705404
Conc: 67.59 ug/ml



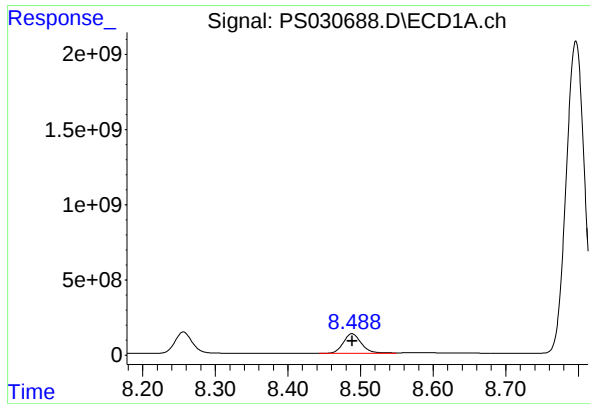
#8 DICHLORPROP

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 2383505769
Conc: 648.52 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: 0.000 min
Response: 1017557348
Conc: 664.04 ng/ml



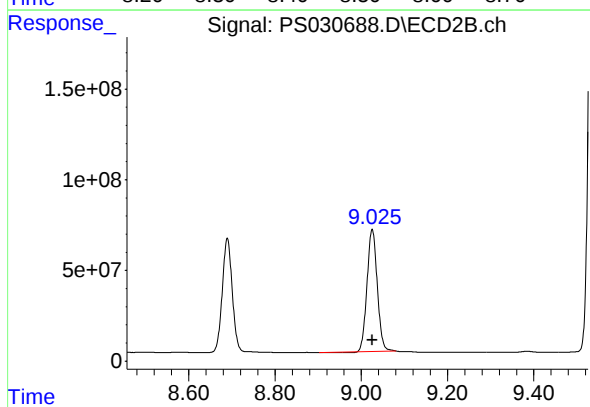
#9 2,4-D

R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 2257081873
Conc: 663.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

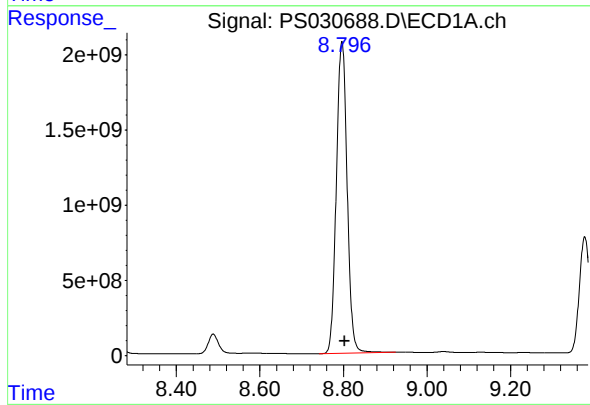
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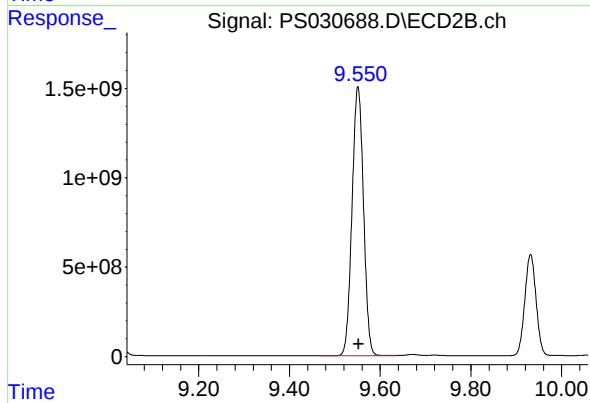
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 1108914376
Conc: 661.47 ng/ml



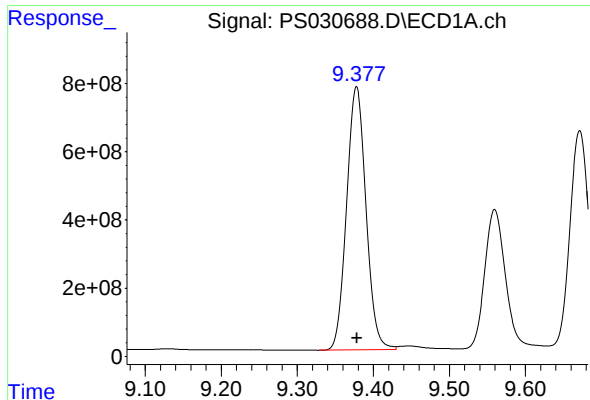
#10 Pentachlorophenol

R.T.: 8.797 min
Delta R.T.: -0.006 min
Response: 37147588175
Conc: 718.66 ng/ml



#10 Pentachlorophenol

R.T.: 9.551 min
Delta R.T.: -0.002 min
Response: 26373379871
Conc: 695.21 ng/ml



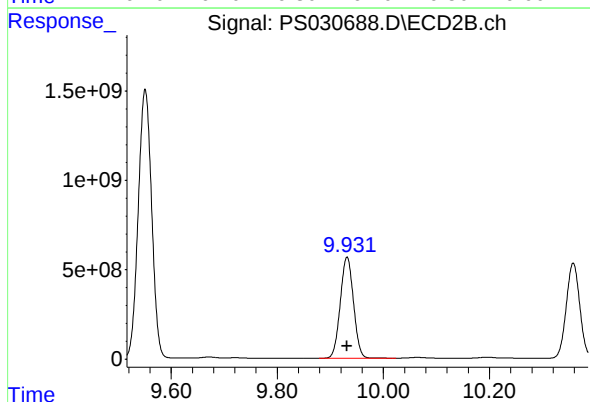
#11 2,4,5-TP (SILVEX)

R.T.: 9.378 min
Delta R.T.: 0.000 min
Response: 13731640199
Conc: 686.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
HSTDCCC750

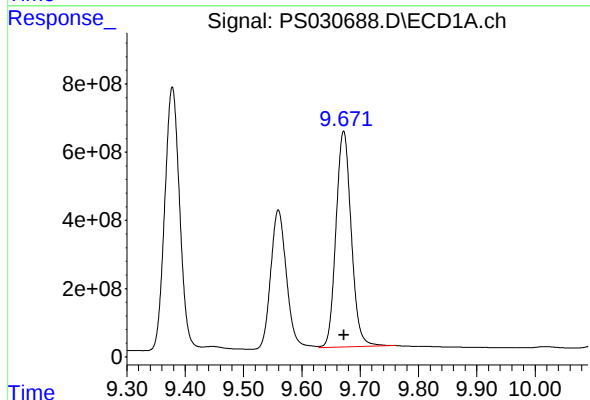
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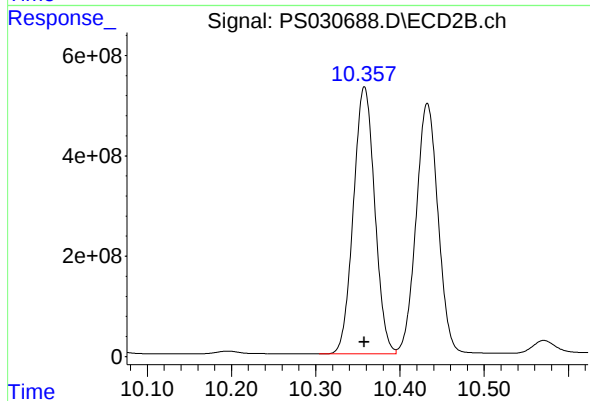
#11 2,4,5-TP (SILVEX)

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 9777977645
Conc: 681.17 ng/ml



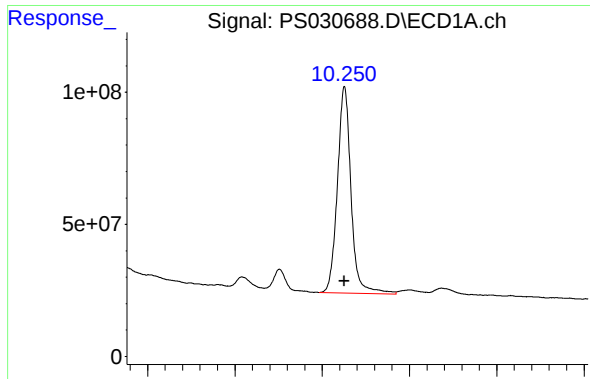
#12 2,4,5-T

R.T.: 9.672 min
Delta R.T.: 0.000 min
Response: 11486140157
Conc: 690.77 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 9368846498
Conc: 679.47 ng/ml



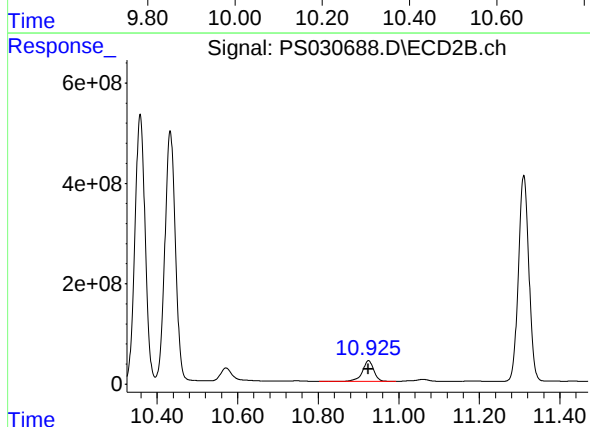
#13 2,4-DB

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 1700499655
Conc: 688.14 ng/ml

Instrument :
ECD_S
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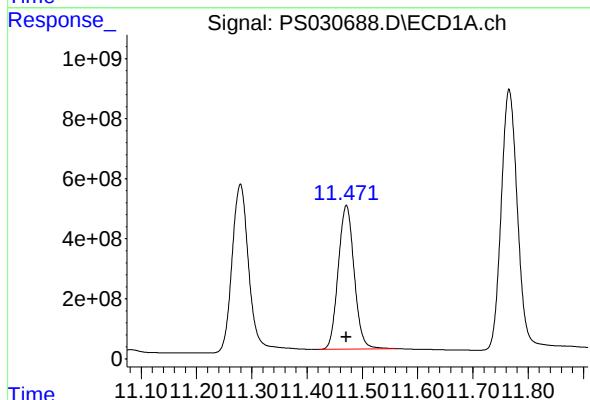
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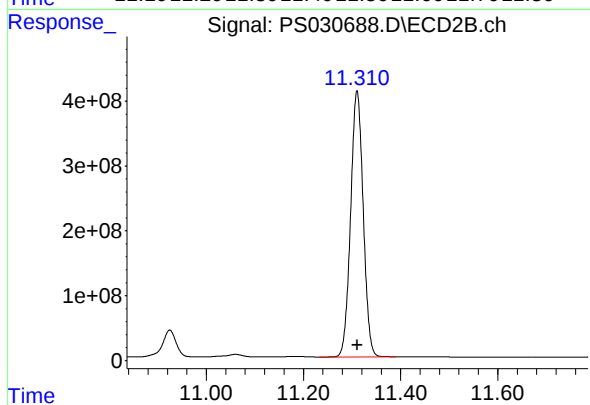
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 790834847
Conc: 666.50 ng/ml



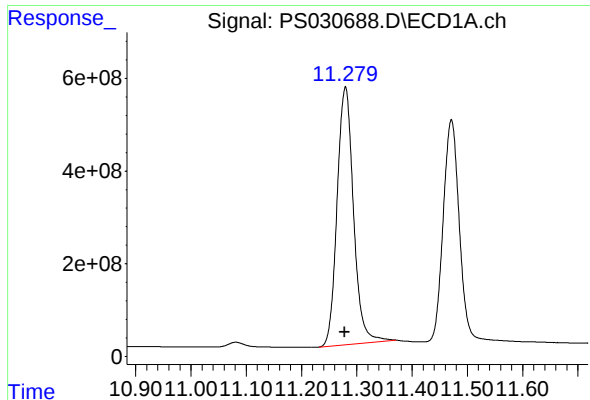
#14 DINOSEB

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 9593656300
Conc: 677.45 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 7366118483
Conc: 672.25 ng/ml



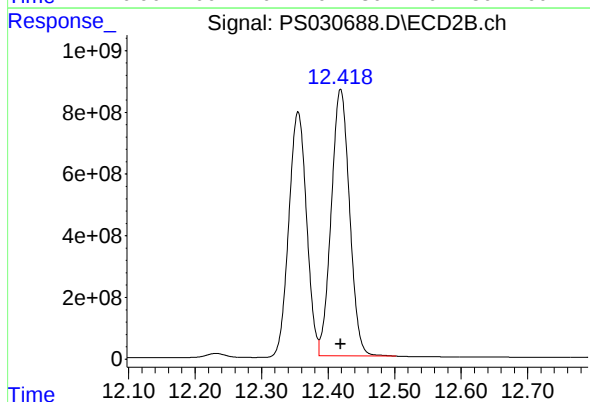
#15 Picloram

R.T.: 11.280 min
Delta R.T.: 0.001 min
Response: 11471707523
Conc: 687.08 ng/ml

Instrument :
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ClientSampleId :
HSTDCCC750

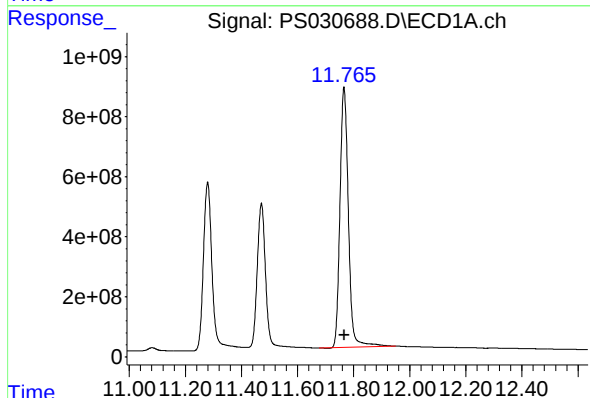
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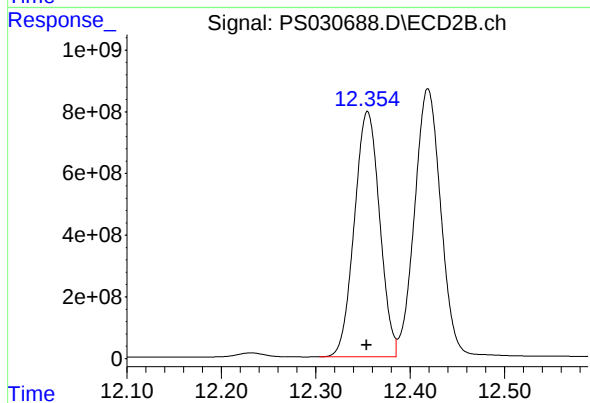
#15 Picloram

R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 16510748540
Conc: 688.64 ng/ml



#16 DCPA

R.T.: 11.765 min
Delta R.T.: -0.002 min
Response: 18042574220
Conc: 694.61 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 14808033570
Conc: 689.53 ng/ml m