

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101525\
 Data File : PS032039.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2025 19:52
 Operator : AR\AJ
 Sample : PB170098BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PB170098BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:05:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS101325.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 13 12:51:14 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	7.284	7.748	2703.7E6	596.7E6	567.162	542.260
Target Compounds							
1) T	Dalapon	2.660	2.690	3784.8E6	1795.0E6	489.785	477.613
2) T	3,5-DICHL...	6.451	6.700	3728.2E6	1089.3E6	529.653	522.203
3) T	4-Nitroph...	7.108	7.315f	723.6E6	839.8E6	542.175	553.414m
5) T	DICAMBA	7.465	7.940	11176.5E6	4513.5E6	533.677	521.132
6) T	MCPD	7.641	8.035	622.1E6	123.0E6	50.876	49.550
7) T	MCPA	7.790	8.282	758.6E6	194.3E6	51.547	51.495
8) T	DICHLORPROP	8.174	8.661	2494.8E6	1007.7E6	524.761	514.614
9) T	2,4-D	8.417	9.009	2558.6E6	1003.0E6	526.899m	482.622
10) T	Pentachlo...	8.704	9.508	41854.5E6	29455.7E6	623.582	568.382
11) T	2,4,5-TP ...	9.281	9.894	15317.2E6	10725.2E6	542.353	534.259
12) T	2,4,5-T	9.582	10.326	13701.7E6	8895.6E6	542.763	518.857
13) T	2,4-DB	10.160	10.896	1223.1E6	609.6E6	394.515m	471.786
14) T	DINOSEB	11.345	11.265	12088.2E6	8138.8E6	542.049	535.342
15) T	Picloram	11.191	12.397	9966.7E6	15160.7E6	422.714m	455.386
16) T	DCPA	11.645	12.305	20116.7E6	18025.2E6	547.540	542.738

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

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Operator : AR\AJ
Sample : PB170098BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

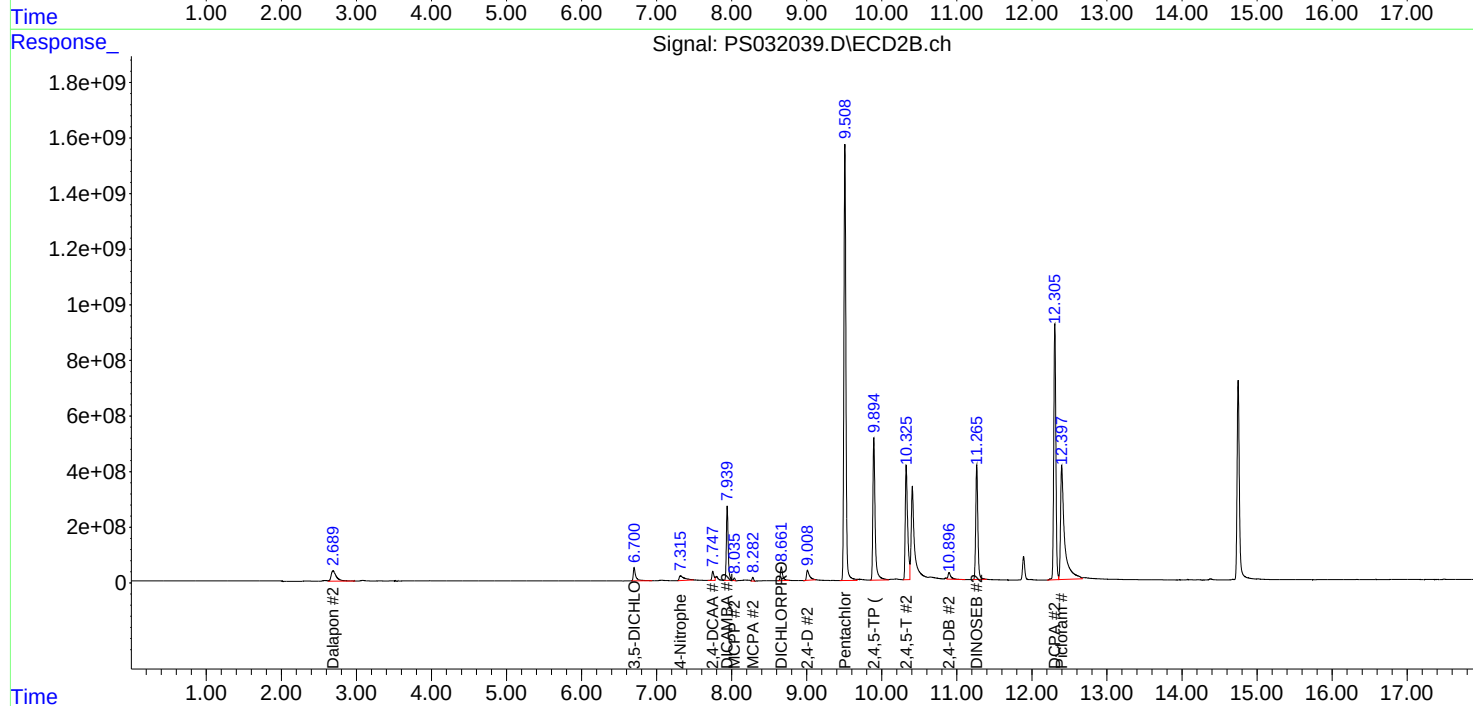
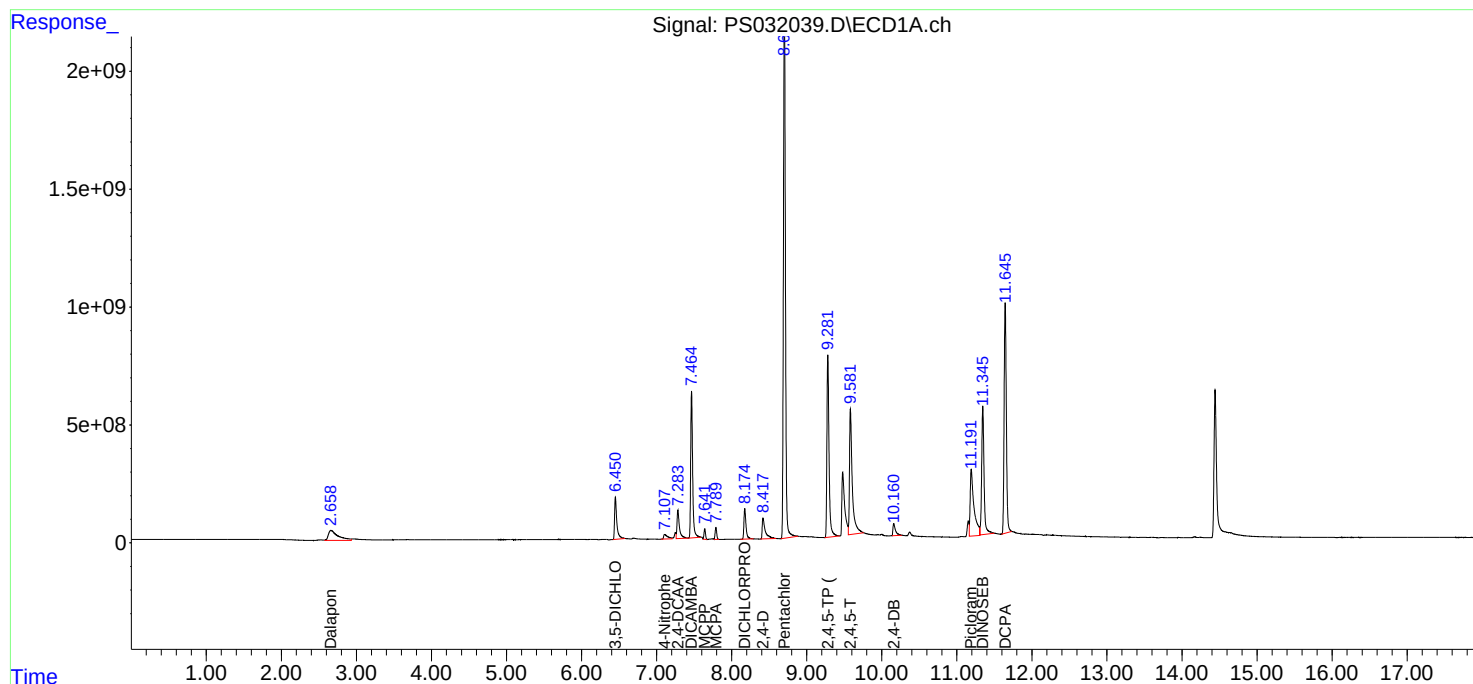
Instrument :
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PB170098BSD

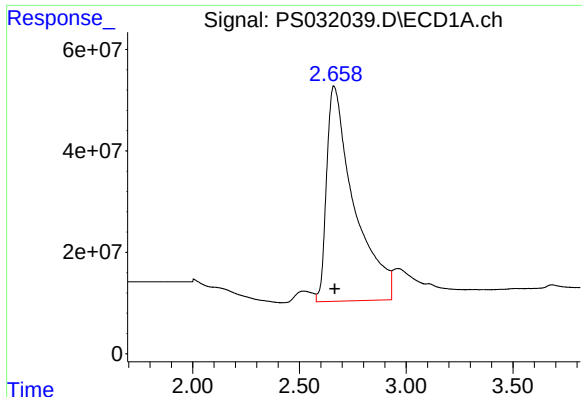
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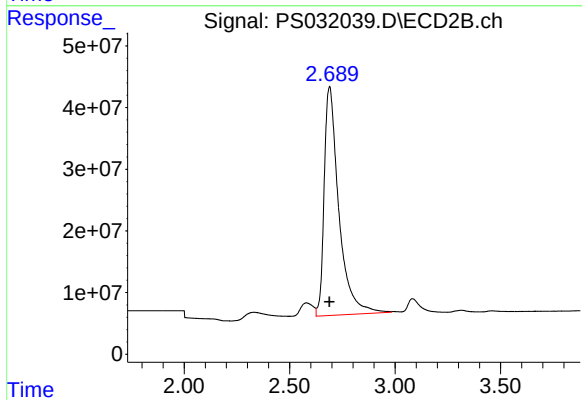
#1 Dalapon

R.T.: 2.660 min
Delta R.T.: -0.005 min
Response: 3784828936
Conc: 489.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BSD

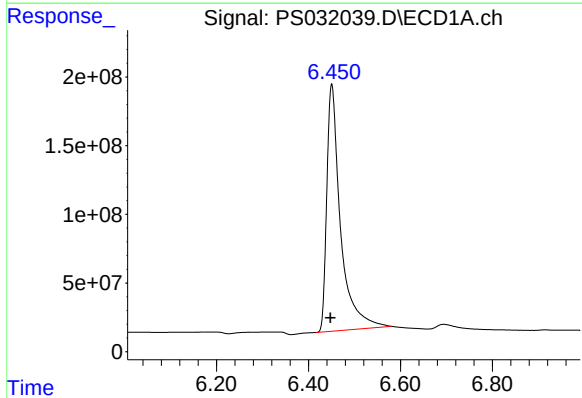
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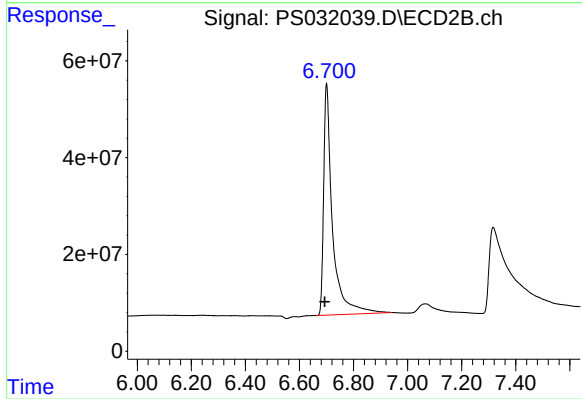
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 1794998512
Conc: 477.61 ng/ml



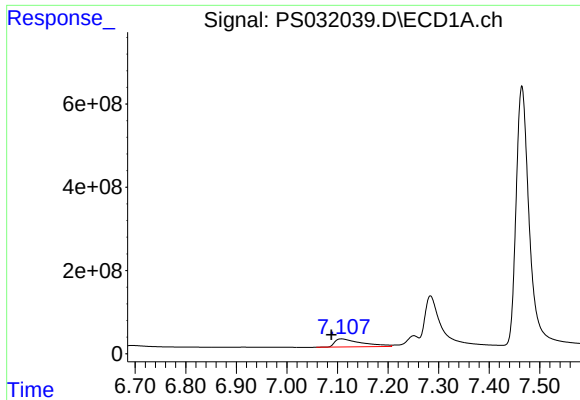
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.451 min
Delta R.T.: 0.003 min
Response: 3728155345
Conc: 529.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.700 min
Delta R.T.: 0.007 min
Response: 1089254654
Conc: 522.20 ng/ml



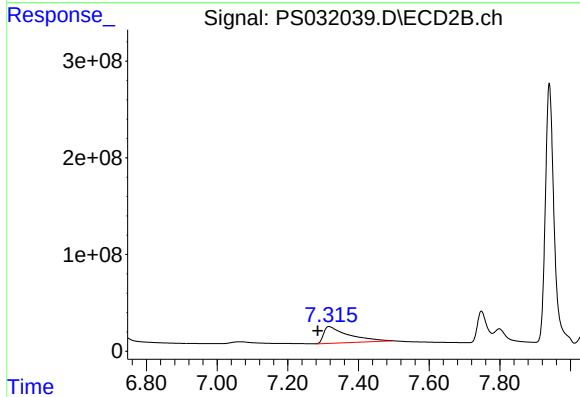
#3 4-Nitrophenol

R.T.: 7.108 min
Delta R.T.: 0.019 min
Response: 723632528
Conc: 542.18 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BSD

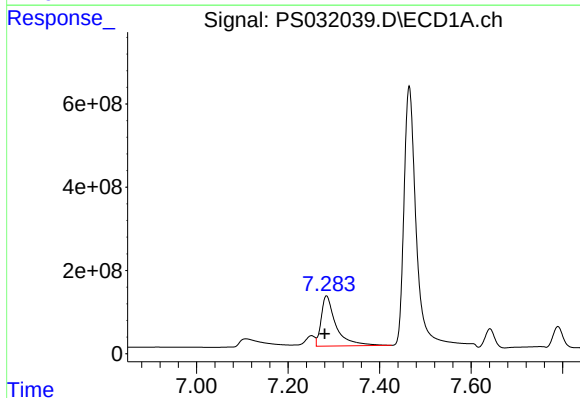
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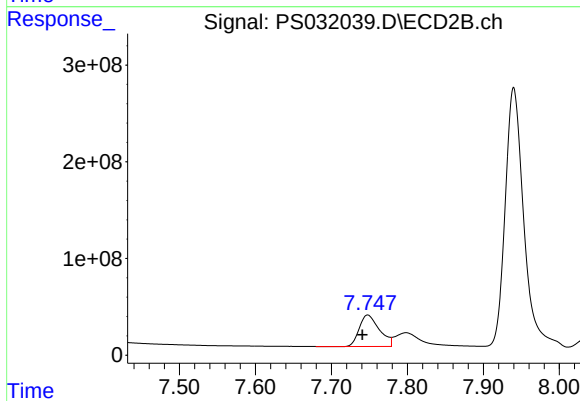
#3 4-Nitrophenol

R.T.: 7.315 min
Delta R.T.: 0.030 min
Response: 839757494
Conc: 553.41 ng/ml m



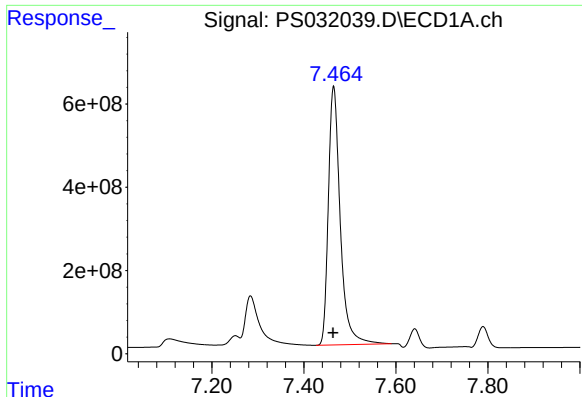
#4 2,4-DCAA

R.T.: 7.284 min
Delta R.T.: 0.004 min
Response: 2703681007
Conc: 567.16 ng/ml



#4 2,4-DCAA

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 596670943
Conc: 542.26 ng/ml



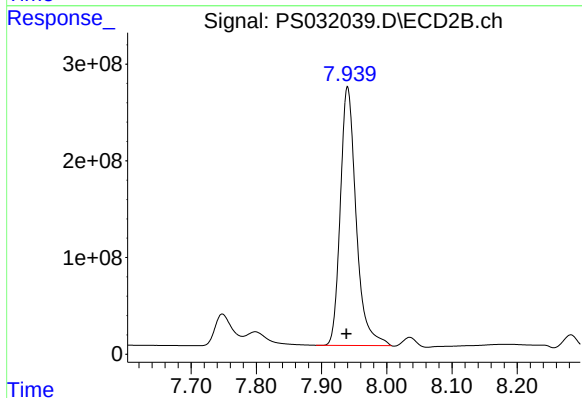
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 11176458166
Conc: 533.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BSD

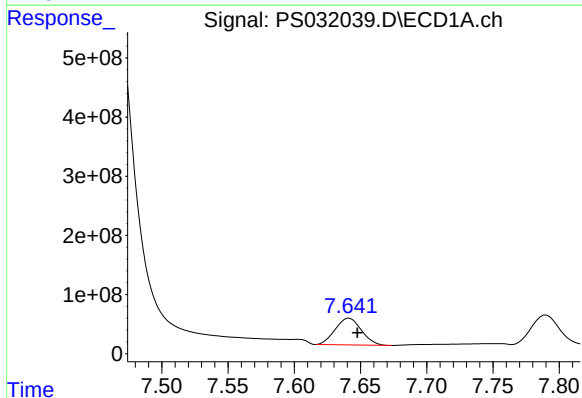
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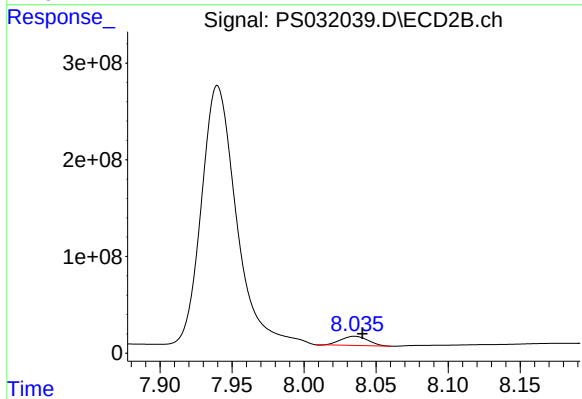
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.002 min
Response: 4513468705
Conc: 521.13 ng/ml



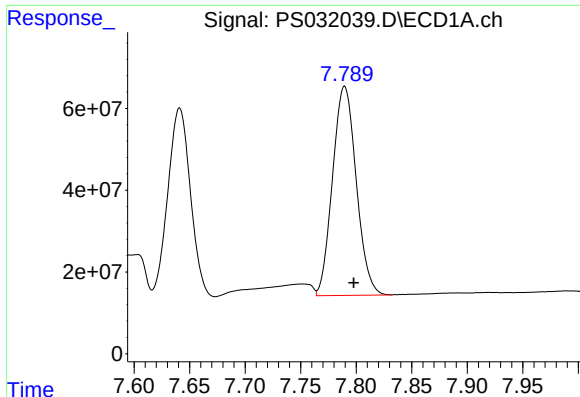
#6 MCP

R.T.: 7.641 min
Delta R.T.: -0.007 min
Response: 622133587
Conc: 50.88 ug/ml



#6 MCP

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 122996170
Conc: 49.55 ug/ml



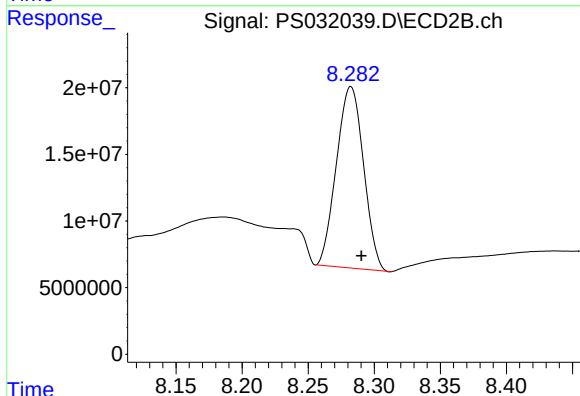
#7 MCPA

R.T.: 7.790 min
Delta R.T.: -0.008 min
Response: 758576210
Conc: 51.55 ug/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BSD

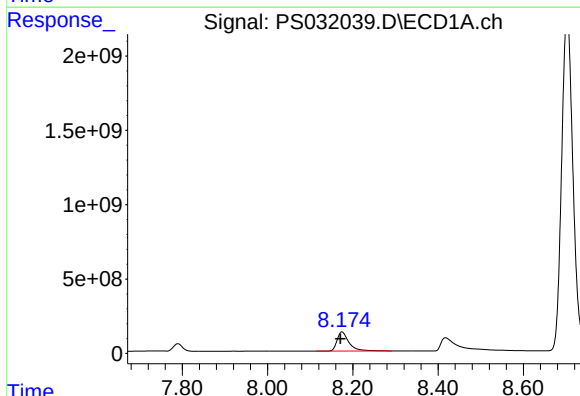
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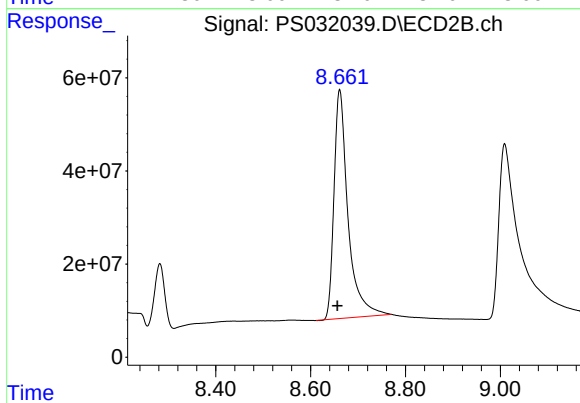
#7 MCPA

R.T.: 8.282 min
Delta R.T.: -0.008 min
Response: 194258552
Conc: 51.50 ug/ml



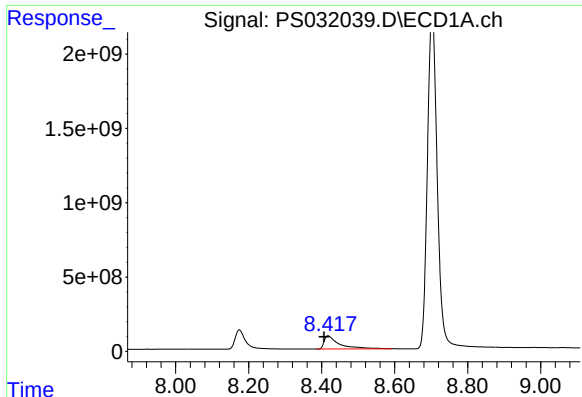
#8 DICHLORPROP

R.T.: 8.174 min
Delta R.T.: 0.004 min
Response: 2494793053
Conc: 524.76 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 1007747988
Conc: 514.61 ng/ml



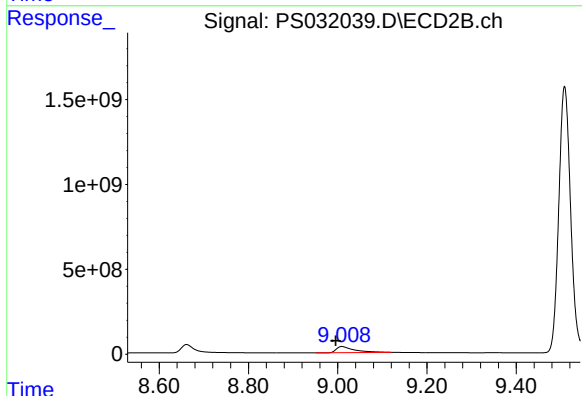
#9 2,4-D

R.T.: 8.417 min
Delta R.T.: 0.010 min
Response: 2558553867
Conc: 526.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BSD

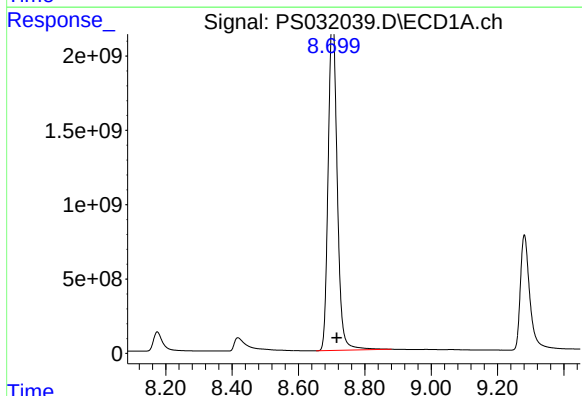
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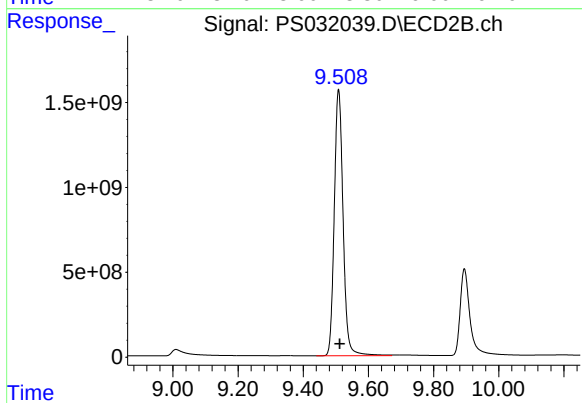
#9 2,4-D

R.T.: 9.009 min
Delta R.T.: 0.014 min
Response: 1003031717
Conc: 482.62 ng/ml



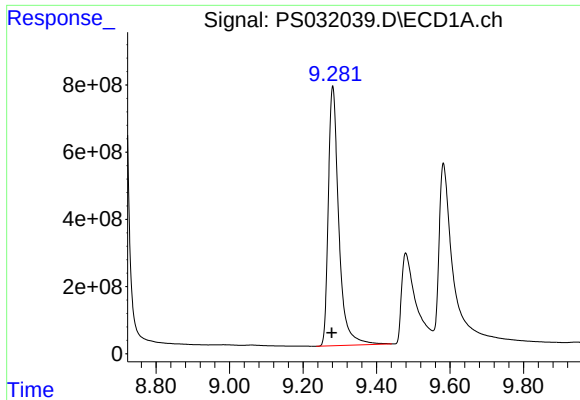
#10 Pentachlorophenol

R.T.: 8.704 min
Delta R.T.: -0.012 min
Response: 41854482073
Conc: 623.58 ng/ml



#10 Pentachlorophenol

R.T.: 9.508 min
Delta R.T.: -0.004 min
Response: 29455748031
Conc: 568.38 ng/ml



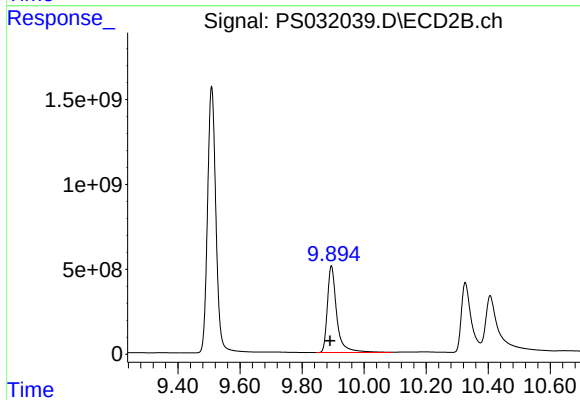
#11 2,4,5-TP (SILVEX)

R.T.: 9.281 min
Delta R.T.: 0.003 min
Response: 15317151549
Conc: 542.35 ng/ml

Instrument :
ECD_S
ClientSampleId :
PB170098BSD

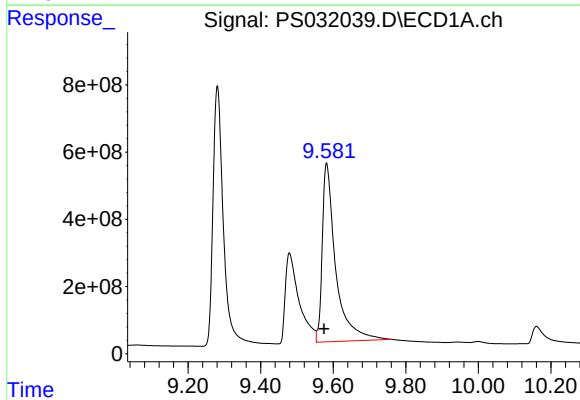
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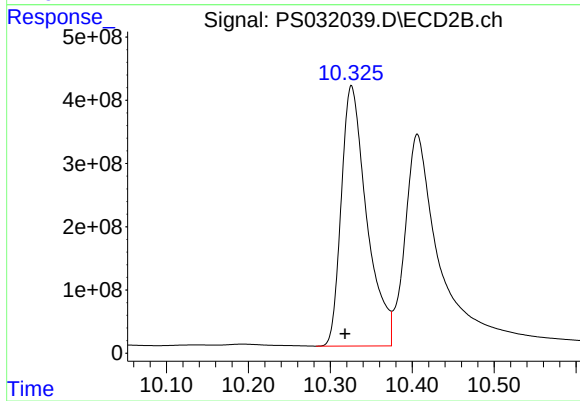
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: 0.004 min
Response: 10725173278
Conc: 534.26 ng/ml



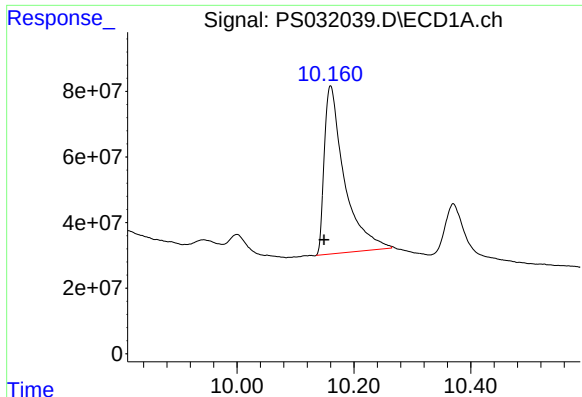
#12 2,4,5-T

R.T.: 9.582 min
Delta R.T.: 0.007 min
Response: 13701663917
Conc: 542.76 ng/ml



#12 2,4,5-T

R.T.: 10.326 min
Delta R.T.: 0.008 min
Response: 8895635014
Conc: 518.86 ng/ml



#13 2,4-DB

R.T.: 10.160 min
Delta R.T.: 0.011 min
Response: 1223120177
Conc: 394.51 ng/ml

Instrument :

ECD_S

ClientSampleId :

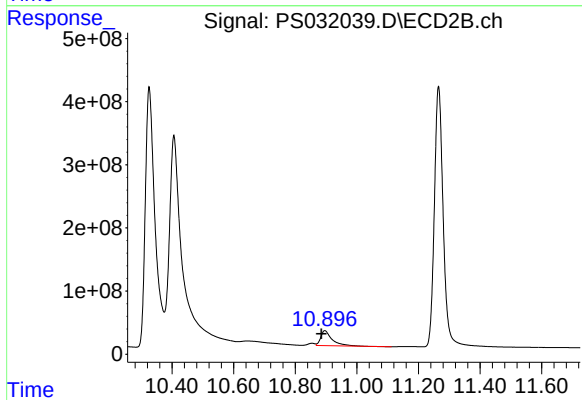
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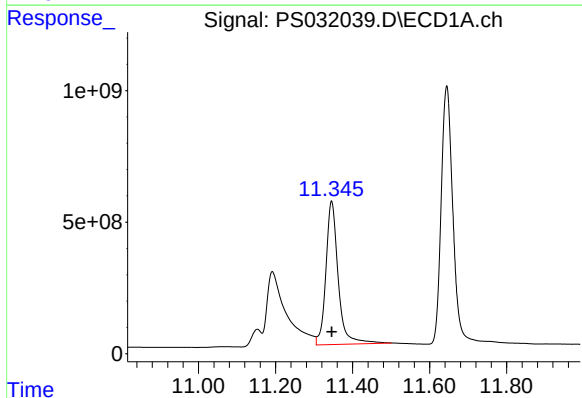
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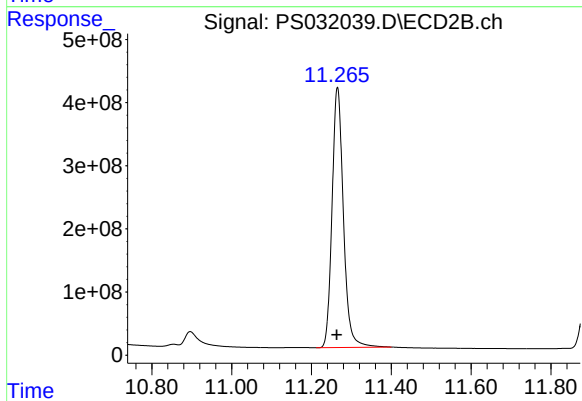
#13 2,4-DB

R.T.: 10.896 min
Delta R.T.: 0.011 min
Response: 609591042
Conc: 471.79 ng/ml



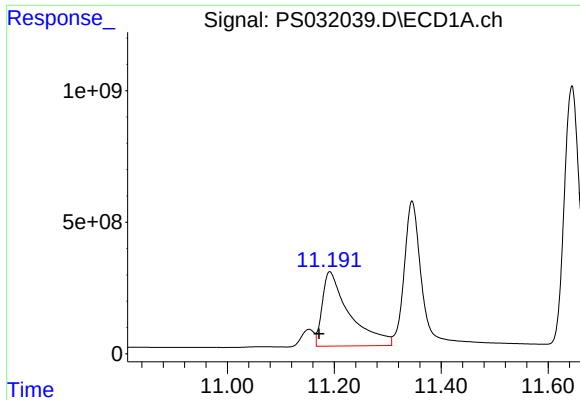
#14 DINOSEB

R.T.: 11.345 min
Delta R.T.: 0.000 min
Response: 12088159224
Conc: 542.05 ng/ml



#14 DINOSEB

R.T.: 11.265 min
Delta R.T.: 0.002 min
Response: 8138840162
Conc: 535.34 ng/ml



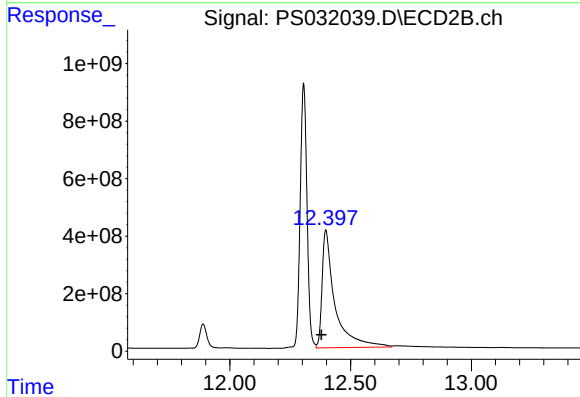
#15 Picloram

R.T.: 11.191 min
Delta R.T.: 0.019 min
Response: 9966702373
Conc: 422.71 ng/ml

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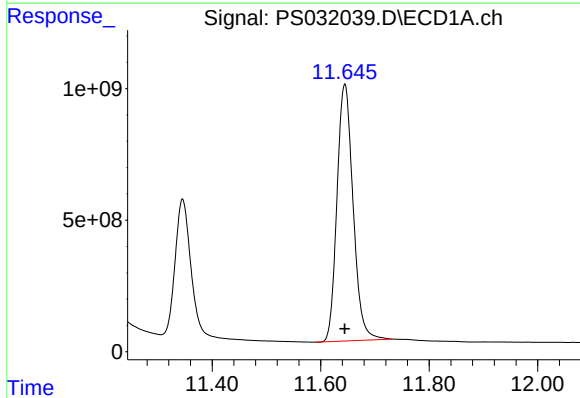
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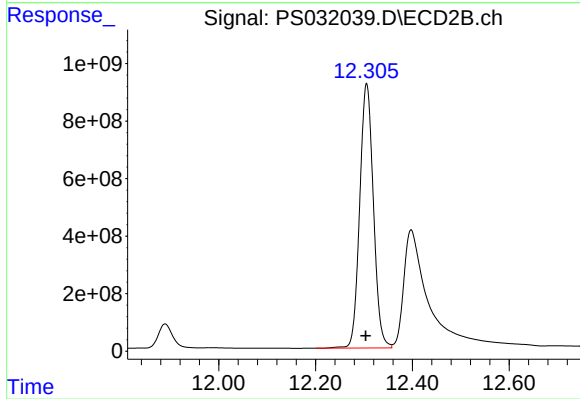
#15 Picloram

R.T.: 12.397 min
Delta R.T.: 0.018 min
Response: 15160701455
Conc: 455.39 ng/ml



#16 DCPA

R.T.: 11.645 min
Delta R.T.: 0.000 min
Response: 20116722534
Conc: 547.54 ng/ml



#16 DCPA

R.T.: 12.305 min
Delta R.T.: 0.002 min
Response: 18025207464
Conc: 542.74 ng/ml