

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102725\
 Data File : PS032168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2025 13:46
 Operator : AR\AJ
 Sample : HSTDICV750
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 ICVPS102725

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 04:41:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS102725.M
 Quant Title : 8080.M
 QLast Update : Tue Oct 28 04:40:54 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	7.276	7.739	3160.3E6	804.2E6	730.938	735.377
Target Compounds							
1) T	Dalapon	2.659	2.685	4722.5E6	2472.2E6	654.892	672.164
2) T	3,5-DICHL...	6.444	6.693	4267.0E6	1278.2E6	674.853	679.177
3) T	4-Nitroph...	7.098	7.299	790.3E6	1024.2E6	728.338	645.666
5) T	DICAMBA	7.458	7.933	12694.8E6	5620.5E6	687.187	688.282
6) T	MCPD	7.635	8.029	783.7E6	188.7E6	72.786	73.768
7) T	MCPA	7.784	8.277	922.3E6	252.2E6	70.834	72.014
8) T	DICHLORPROP	8.166	8.652	2893.6E6	1252.9E6	665.228	681.860
9) T	2,4-D	8.406	8.997	2830.6E6	1356.0E6	683.160	702.342
10) T	Pentachlo...	8.697	9.499	45080.5E6	35997.1E6	730.604	741.216
11) T	2,4,5-TP ...	9.272	9.884	17302.3E6	13164.3E6	700.978	696.457
12) T	2,4,5-T	9.571	10.315	15368.9E6	11400.5E6	737.803	706.927
13) T	2,4-DB	10.148	10.882	1580.3E6	873.0E6	686.681	632.700m
14) T	DINOSEB	11.337	11.255	13190.3E6	9569.1E6	687.002	693.901
15) T	Picloram	11.176	12.380	13957.5E6	21460.3E6	741.173	738.249
16) T	DCPA	11.637	12.296	22691.2E6	22284.3E6	708.206	715.624

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

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Operator : AR\AJ
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Misc :
ALS Vial : 8 Sample Multiplier: 1

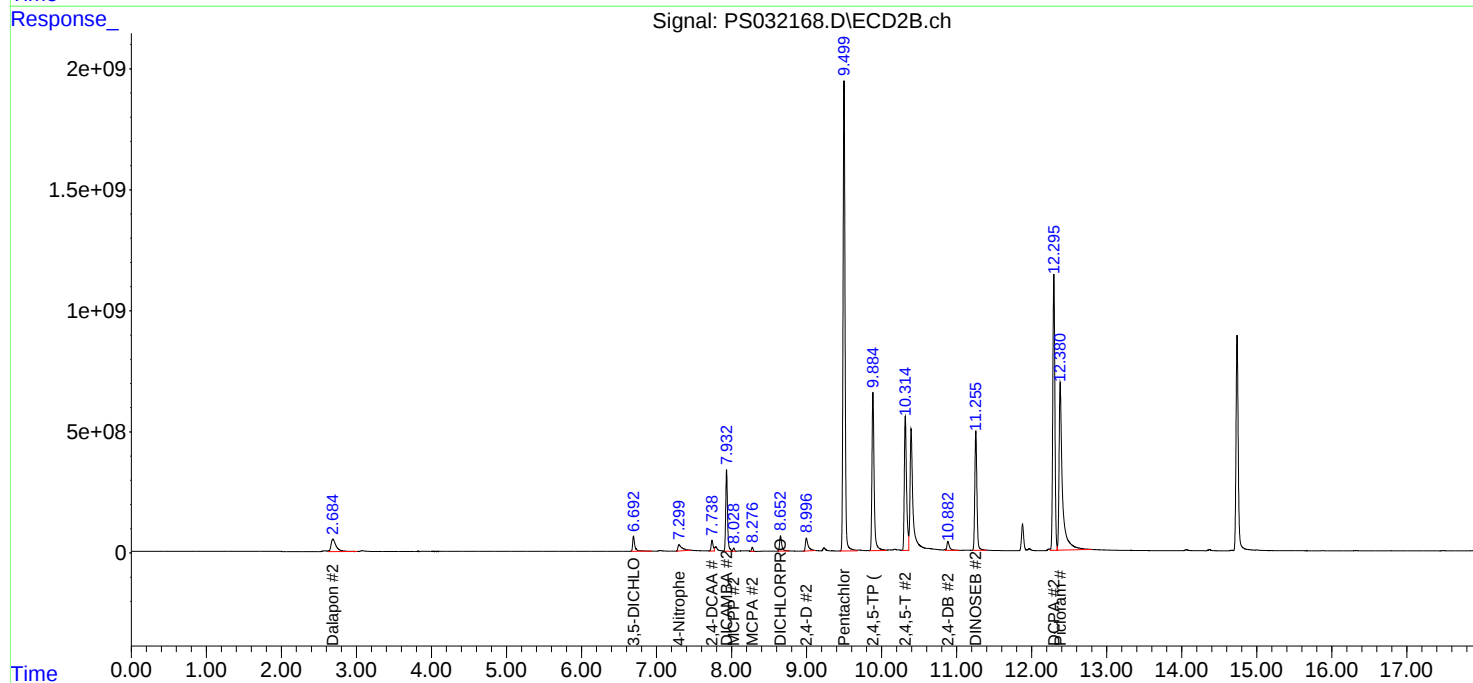
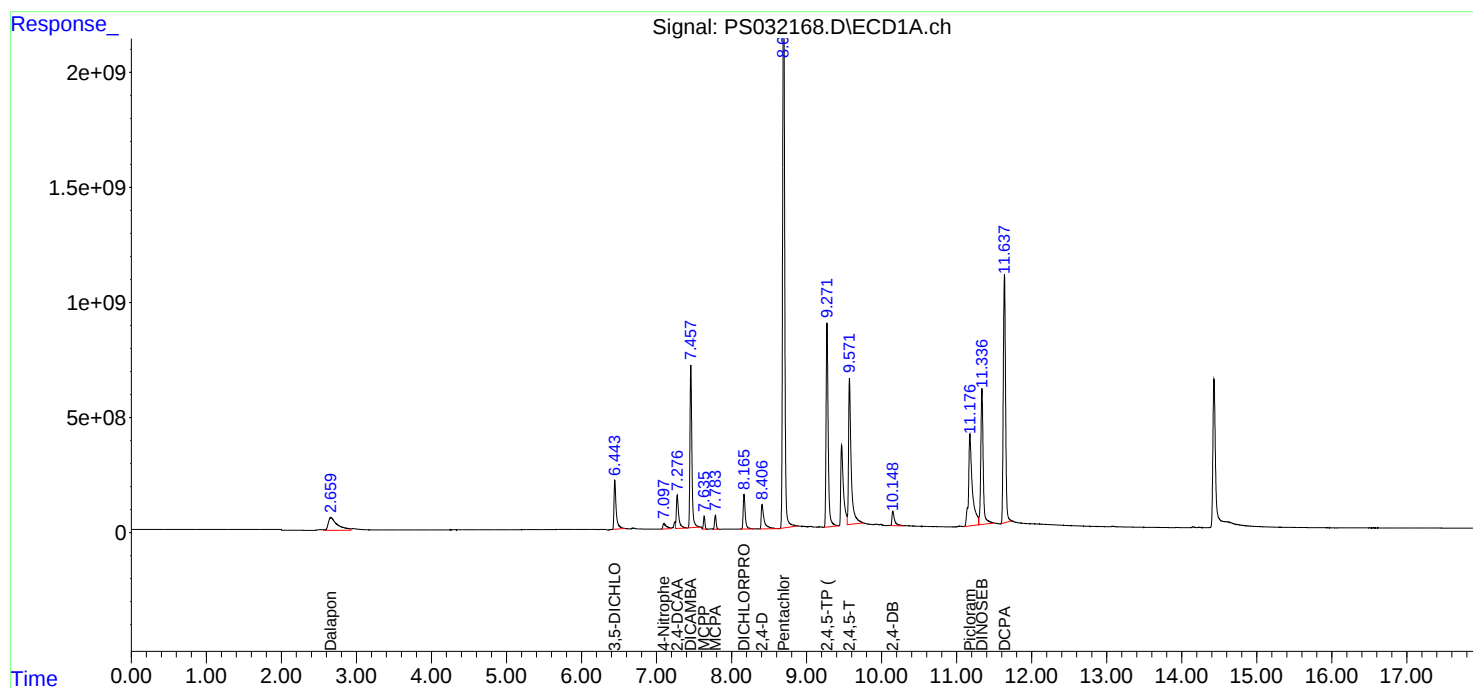
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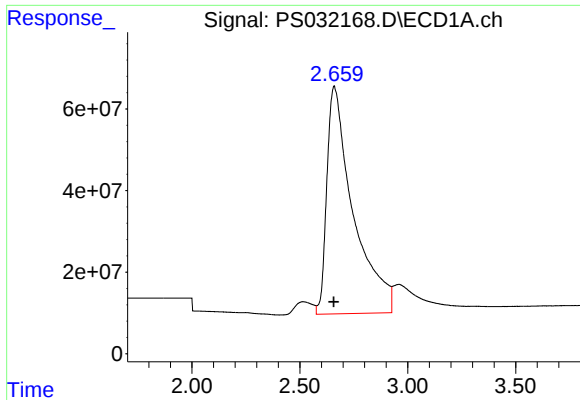
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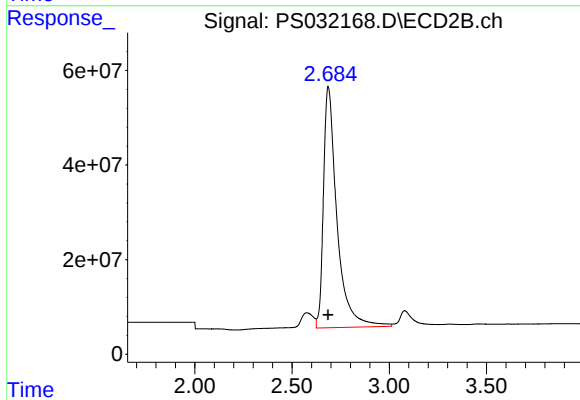
#1 Dalapon

R.T.: 2.659 min
Delta R.T.: 0.000 min
Response: 4722512848
Conc: 654.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS102725

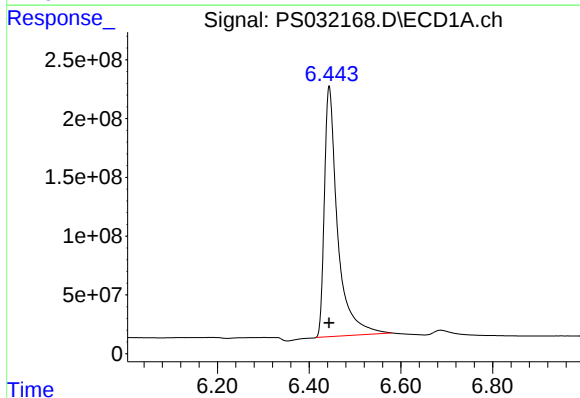
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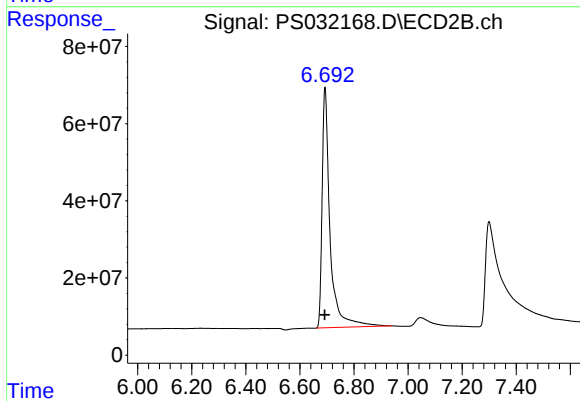
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: 0.000 min
Response: 2472203124
Conc: 672.16 ng/ml



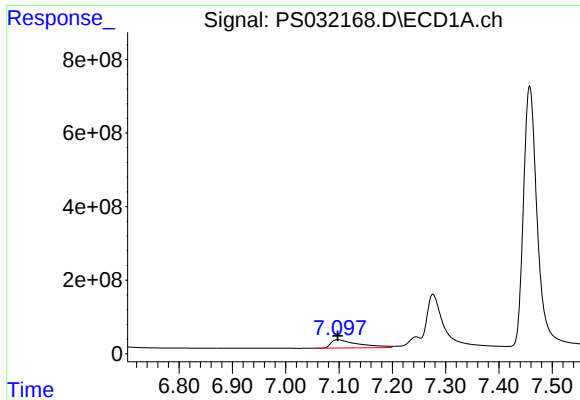
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 4267045659
Conc: 674.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 1278198288
Conc: 679.18 ng/ml



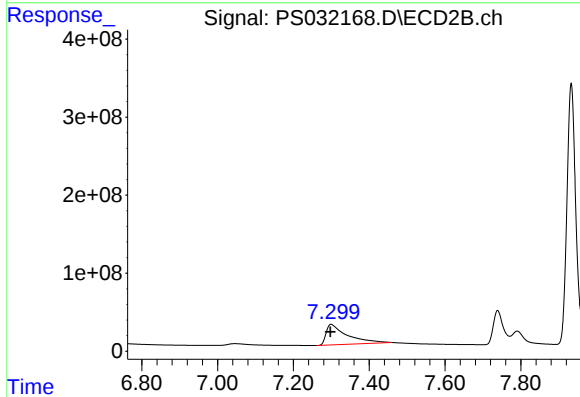
#3 4-Nitrophenol

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 790281983
Conc: 728.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS102725

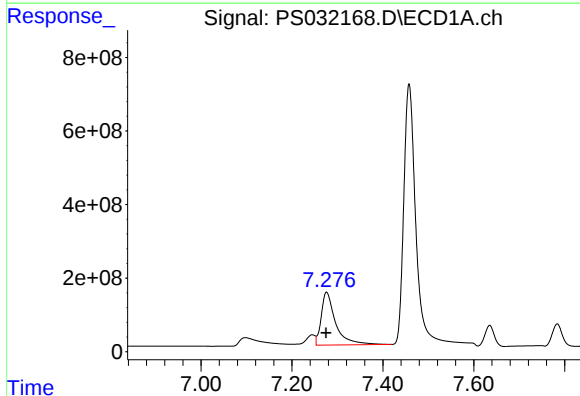
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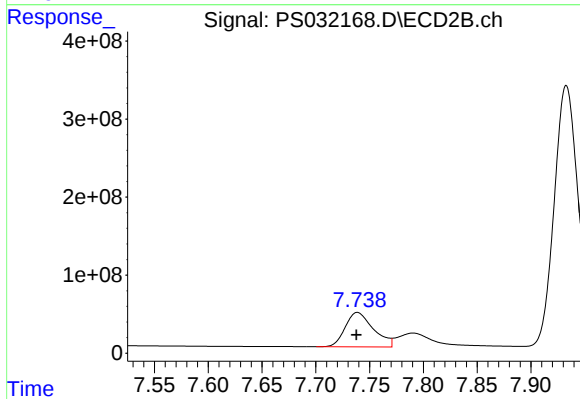
#3 4-Nitrophenol

R.T.: 7.299 min
Delta R.T.: 0.002 min
Response: 1024240772
Conc: 645.67 ng/ml



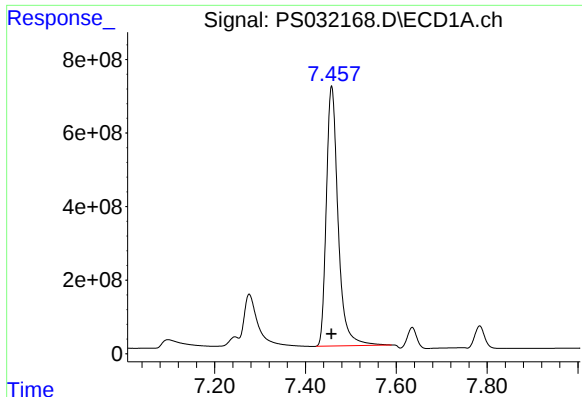
#4 2,4-DCAA

R.T.: 7.276 min
Delta R.T.: 0.001 min
Response: 3160331030
Conc: 730.94 ng/ml



#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: 0.001 min
Response: 804160625
Conc: 735.38 ng/ml



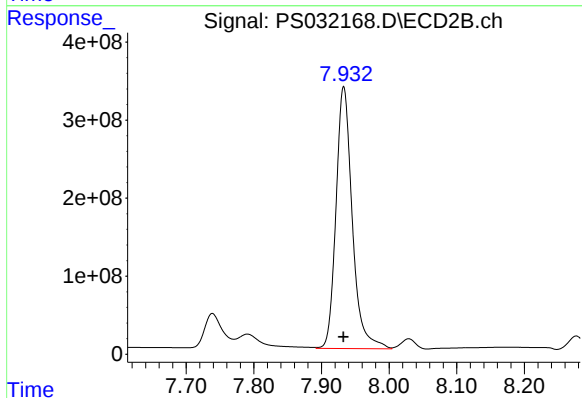
#5 DICAMBA

R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 12694822136
Conc: 687.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS102725

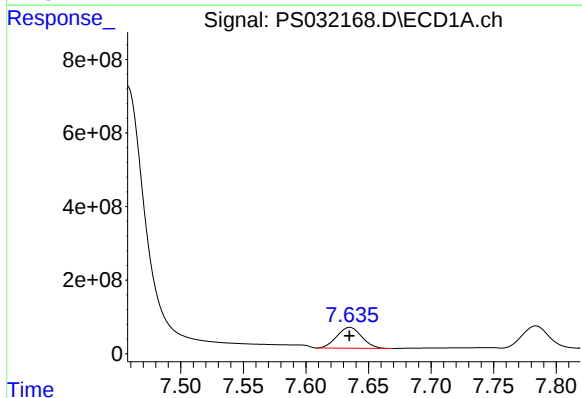
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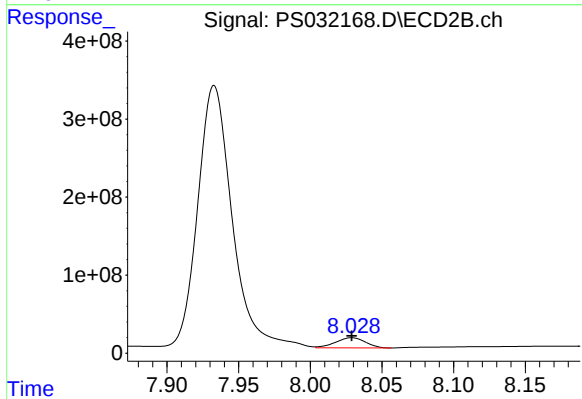
#5 DICAMBA

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 5620490915
Conc: 688.28 ng/ml



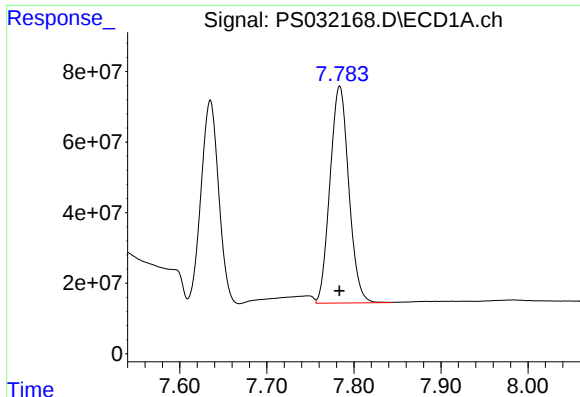
#6 MCPP

R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 783665786
Conc: 72.79 ug/ml



#6 MCPP

R.T.: 8.029 min
Delta R.T.: 0.000 min
Response: 188662524
Conc: 73.77 ug/ml



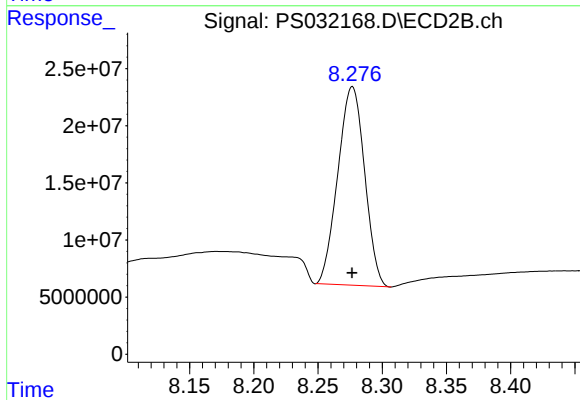
#7 MCPA

R.T.: 7.784 min
Delta R.T.: 0.000 min
Response: 922347503
Conc: 70.83 ug/ml

Instrument :
ECD_S
ClientSampleId :
ICVPS102725

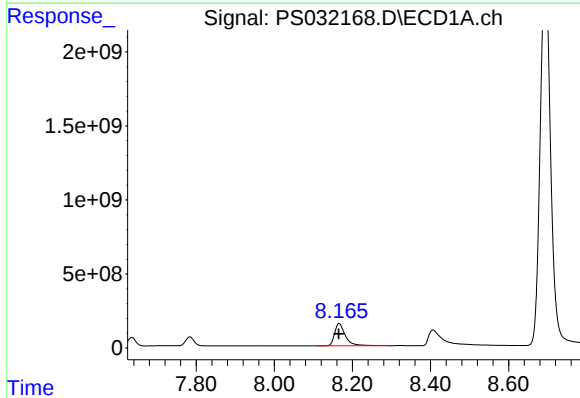
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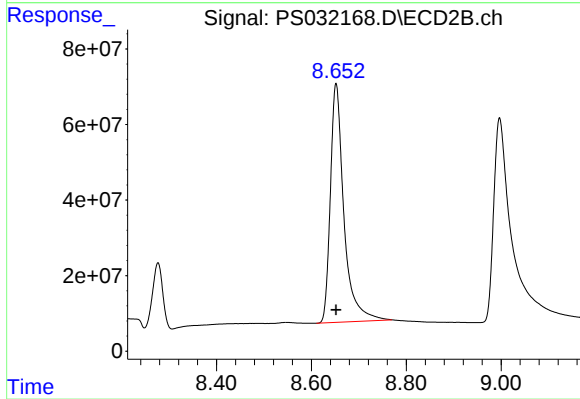
#7 MCPA

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 252176342
Conc: 72.01 ug/ml



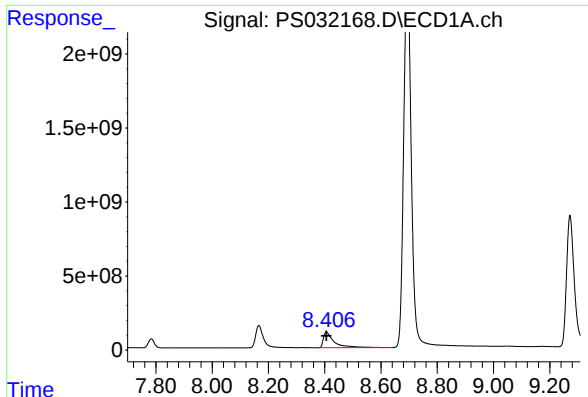
#8 DICHLORPROP

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 2893589957
Conc: 665.23 ng/ml



#8 DICHLORPROP

R.T.: 8.652 min
Delta R.T.: 0.000 min
Response: 1252854323
Conc: 681.86 ng/ml



#9 2,4-D

R.T.: 8.406 min
Delta R.T.: 0.000 min
Response: 2830600417
Conc: 683.16 ng/ml

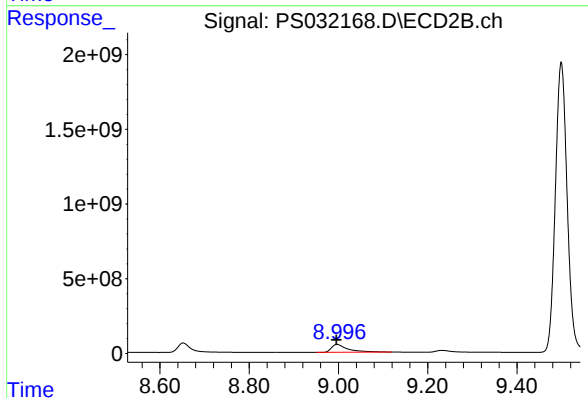
Instrument :

ECD_S

ClientSampleId :
ICVPS102725

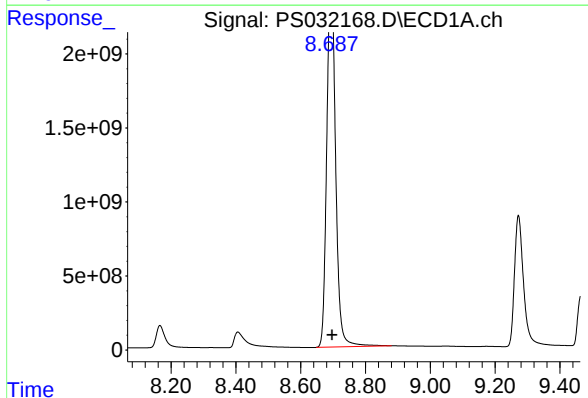
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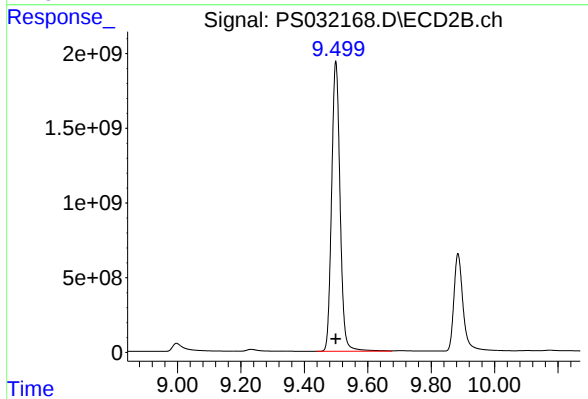
#9 2,4-D

R.T.: 8.997 min
Delta R.T.: 0.001 min
Response: 1356000378
Conc: 702.34 ng/ml



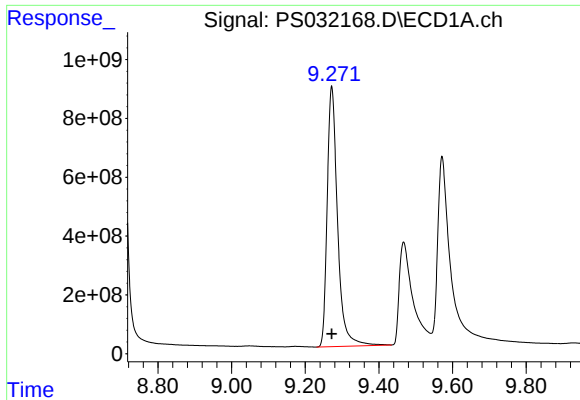
#10 Pentachlorophenol

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 45080452918
Conc: 730.60 ng/ml



#10 Pentachlorophenol

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 35997053874
Conc: 741.22 ng/ml



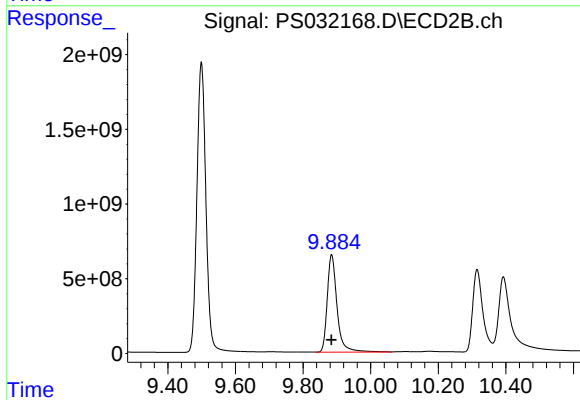
#11 2,4,5-TP (SILVEX)

R.T.: 9.272 min
Delta R.T.: 0.000 min
Response: 17302282660
Conc: 700.98 ng/ml

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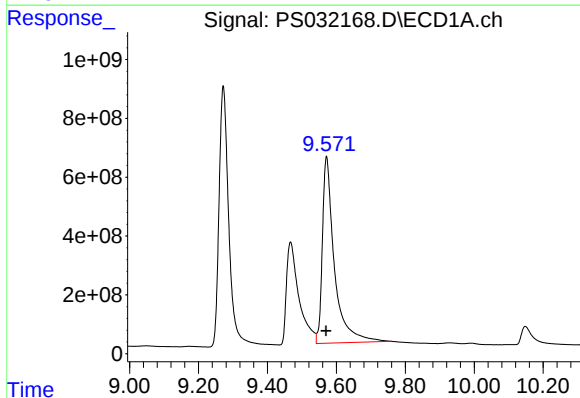
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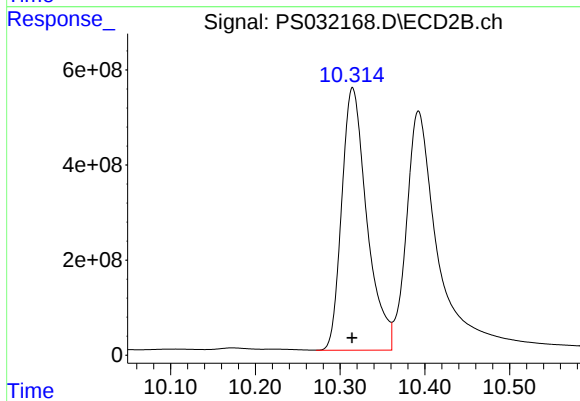
#11 2,4,5-TP (SILVEX)

R.T.: 9.884 min
Delta R.T.: 0.000 min
Response: 13164297295
Conc: 696.46 ng/ml



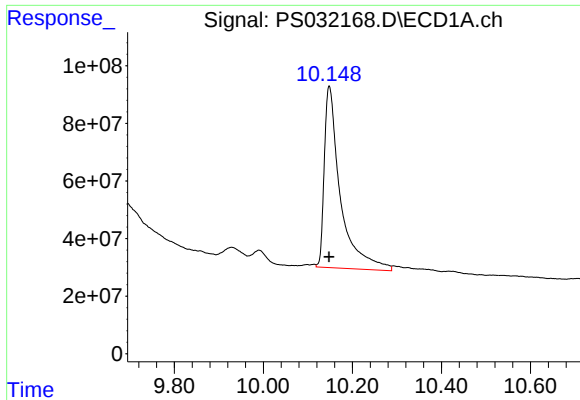
#12 2,4,5-T

R.T.: 9.571 min
Delta R.T.: 0.000 min
Response: 15368858402
Conc: 737.80 ng/ml



#12 2,4,5-T

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 11400474210
Conc: 706.93 ng/ml



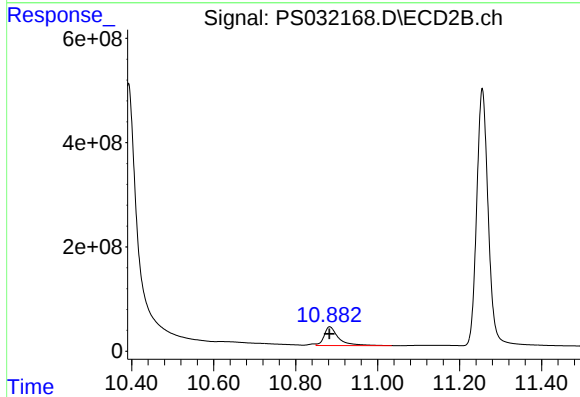
#13 2,4-DB

R.T.: 10.148 min
Delta R.T.: 0.000 min
Response: 1580260538
Conc: 686.68 ng/ml

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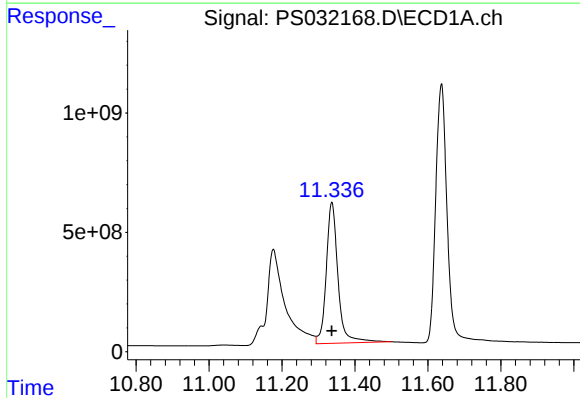
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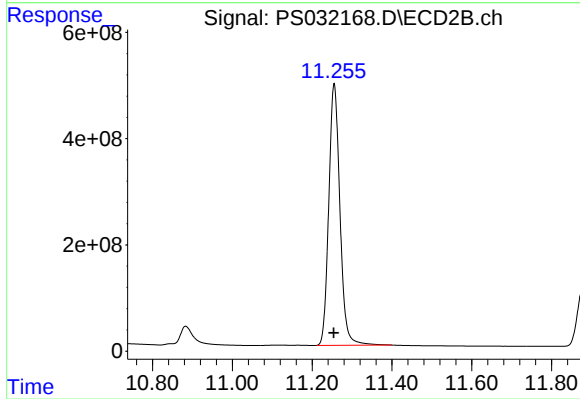
#13 2,4-DB

R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 872999071
Conc: 632.70 ng/ml m



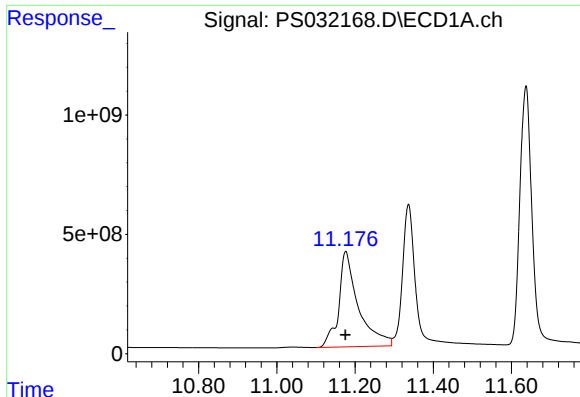
#14 DINOSEB

R.T.: 11.337 min
Delta R.T.: 0.000 min
Response: 13190345820
Conc: 687.00 ng/ml



#14 DINOSEB

R.T.: 11.255 min
Delta R.T.: 0.000 min
Response: 9569093421
Conc: 693.90 ng/ml



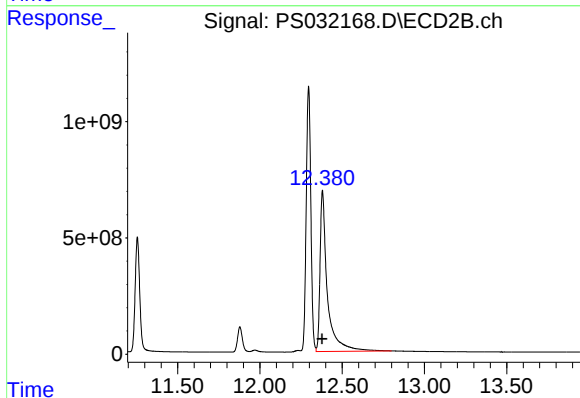
#15 Picloram

R.T.: 11.176 min
Delta R.T.: 0.001 min
Response: 13957525469
Conc: 741.17 ng/ml

Instrument :
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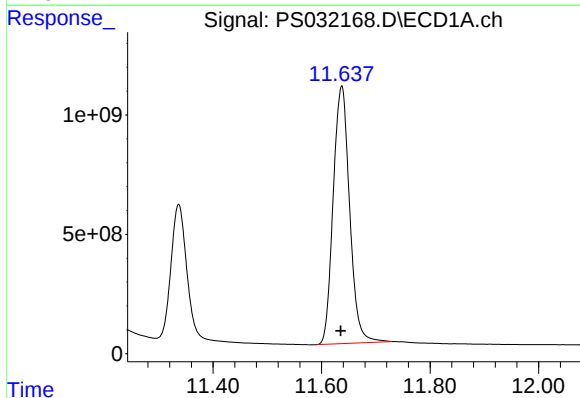
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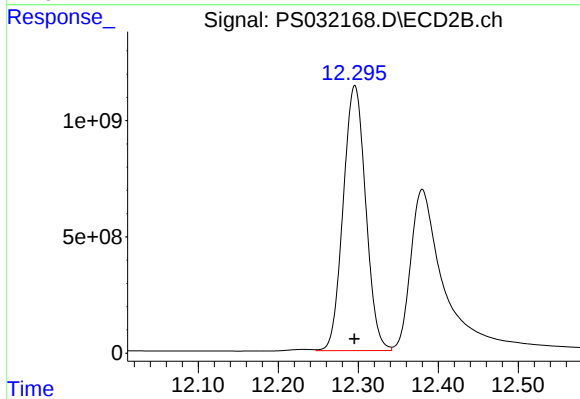
#15 Picloram

R.T.: 12.380 min
Delta R.T.: 0.002 min
Response: 21460265338
Conc: 738.25 ng/ml



#16 DCPA

R.T.: 11.637 min
Delta R.T.: 0.002 min
Response: 22691202766
Conc: 708.21 ng/ml



#16 DCPA

R.T.: 12.296 min
Delta R.T.: 0.000 min
Response: 22284302869
Conc: 715.62 ng/ml