

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS062425\
 Data File : PS030826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 21:08
 Operator : AR\AJ
 Sample : PSTDCCC750
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 PSTDCCC750

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/25/2025
 Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 25 01:57:11 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 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	7.342	7.768	2610.6E6	752.3E6	710.476m	701.763
Target Compounds						
1) T Dalapon	2.710	2.711	3784.2E6	1727.7E6	634.337	630.159
2) T 3,5-DICHL...	6.503	6.714	3558.6E6	1057.6E6	661.759	655.592
3) T 4-Nitroph...	7.142	7.300	1050.6E6	1111.8E6	666.285	641.323
5) T DICAMBA	7.533	7.970	10290.5E6	4436.5E6	676.338	676.989
6) T MCPP	7.714	8.069	711.9E6	152.6E6	75.823m	72.772
7) T MCPA	7.864	8.318	807.6E6	216.6E6	68.848	68.855
8) T DICHLORPROP	8.246	8.690	2389.4E6	1013.6E6	637.901	644.595
9) T 2,4-D	8.478	9.024	2347.7E6	1138.6E6	681.592	670.011m
10) T Pentachlo...	8.786	9.550	36971.9E6	26487.6E6	698.566	694.810
11) T 2,4,5-TP ...	9.365	9.930	14086.8E6	9805.5E6	703.271	679.586
12) T 2,4,5-T	9.659	10.357	12374.3E6	9417.9E6	752.092	689.214
13) T 2,4-DB	10.238	10.924	1877.5E6	793.1E6	818.631	670.492
14) T DINOSEB	11.456	11.309	9841.8E6	7246.1E6	709.411m	672.102
15) T Picloram	11.265	12.418	12242.5E6	16264.6E6	761.532m	699.813
16) T DCPA	11.751	12.353	18525.1E6	14756.4E6	723.177m	669.445m

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

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Acq On : 24 Jun 2025 21:08
Operator : AR\AJ
Sample : PSTDCCC750
Misc :
ALS Vial : 3 Sample Multiplier: 1

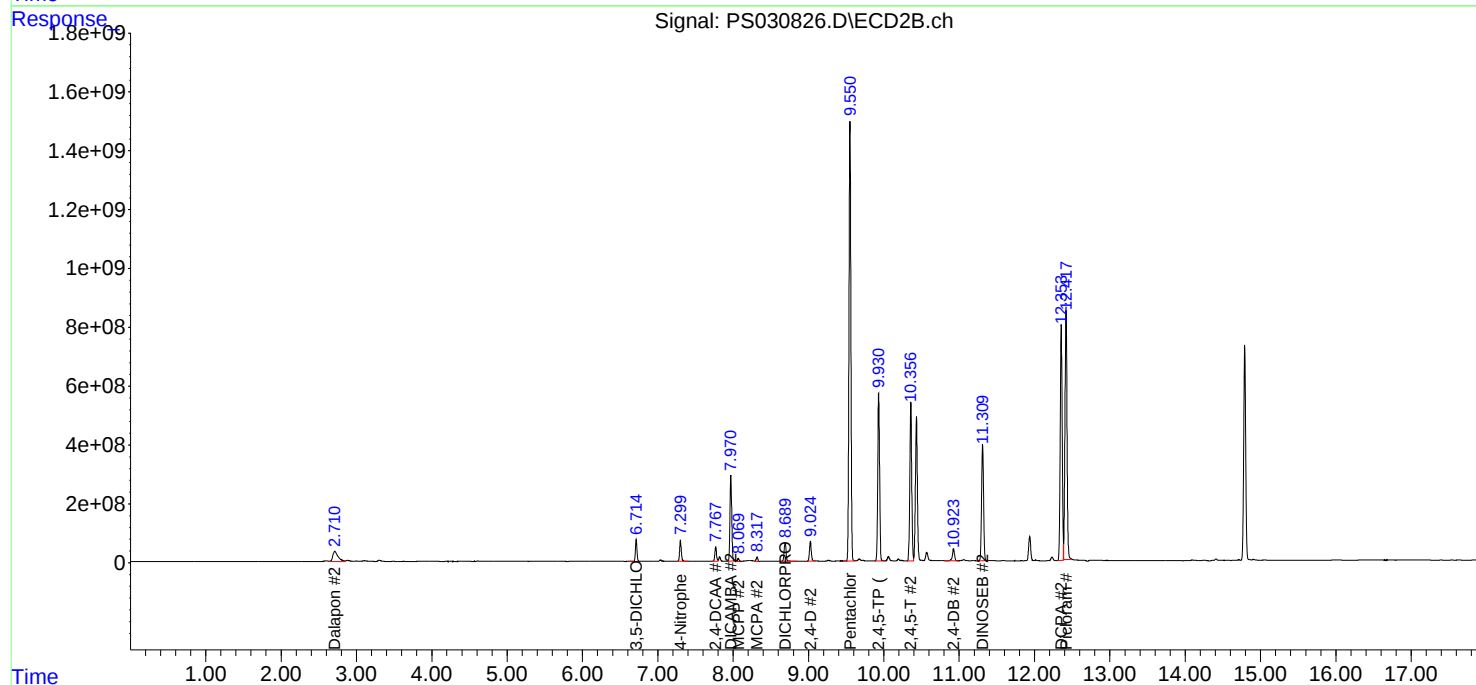
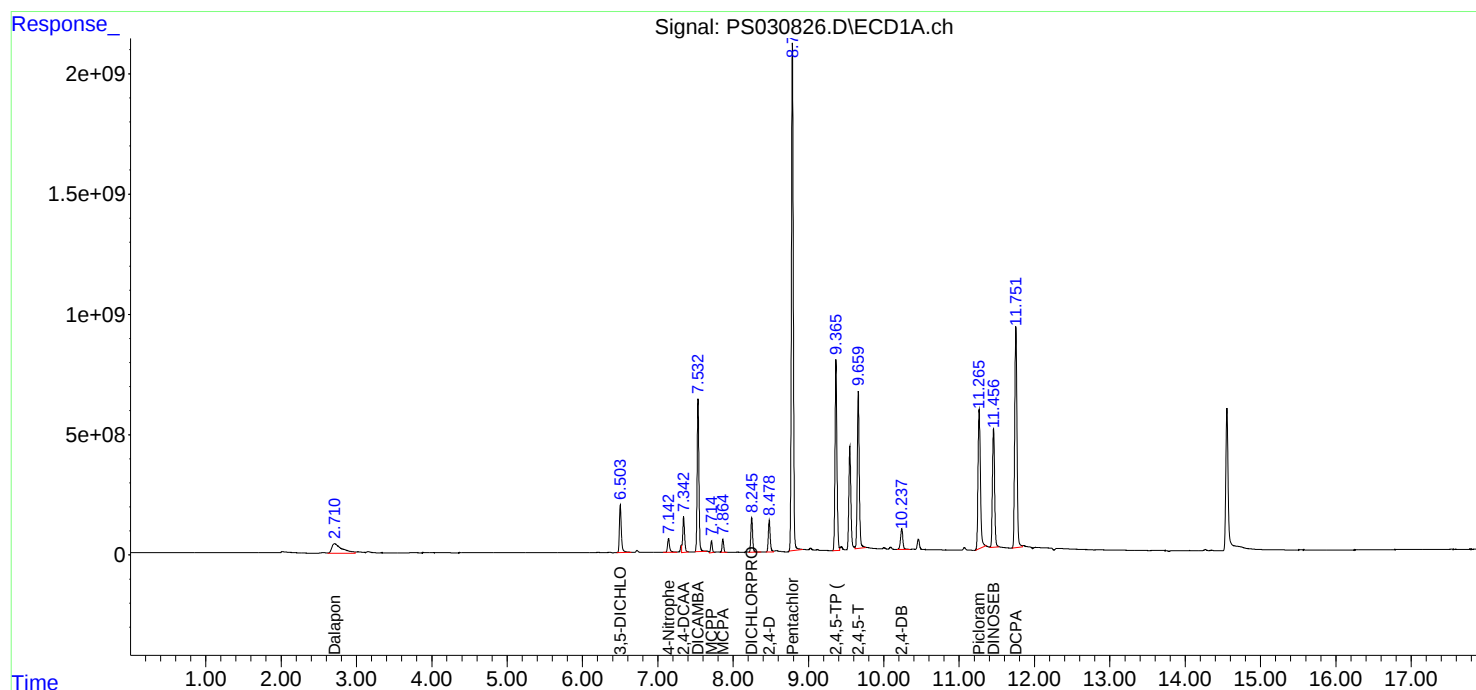
Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

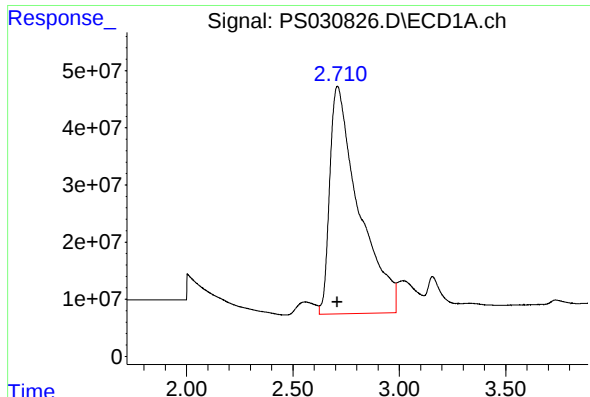
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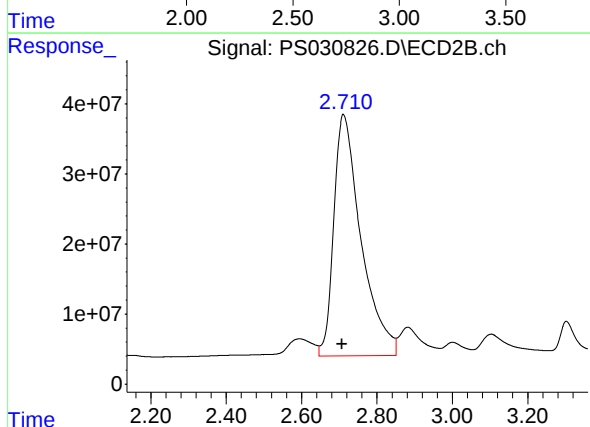
#1 Dalapon

R.T.: 2.710 min
Delta R.T.: 0.002 min
Response: 3784217618
Conc: 634.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

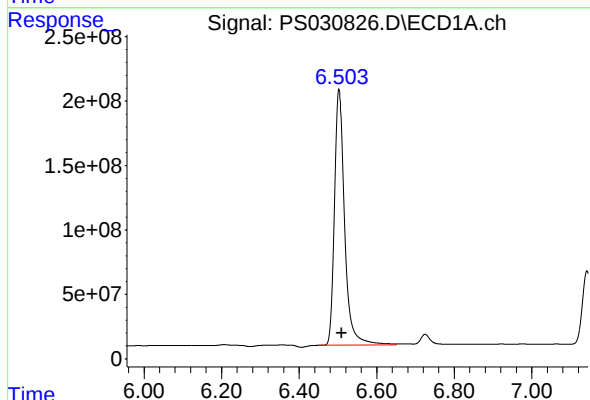
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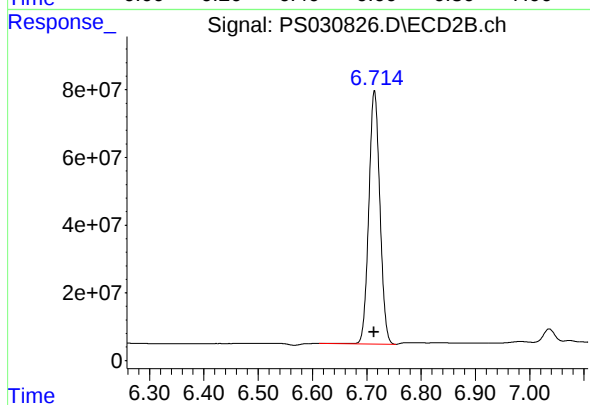
#1 Dalapon

R.T.: 2.711 min
Delta R.T.: 0.003 min
Response: 1727734590
Conc: 630.16 ng/ml



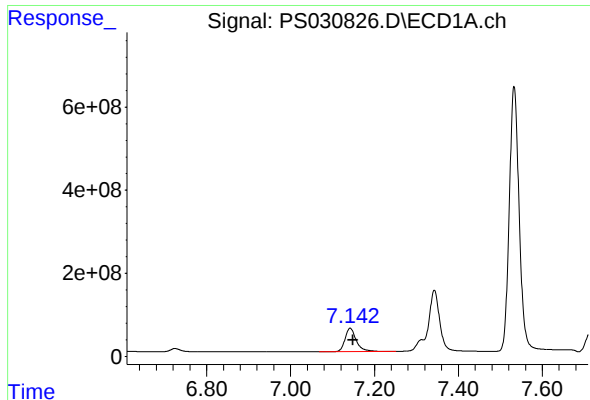
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.503 min
Delta R.T.: -0.006 min
Response: 3558645879
Conc: 661.76 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 1057568226
Conc: 655.59 ng/ml



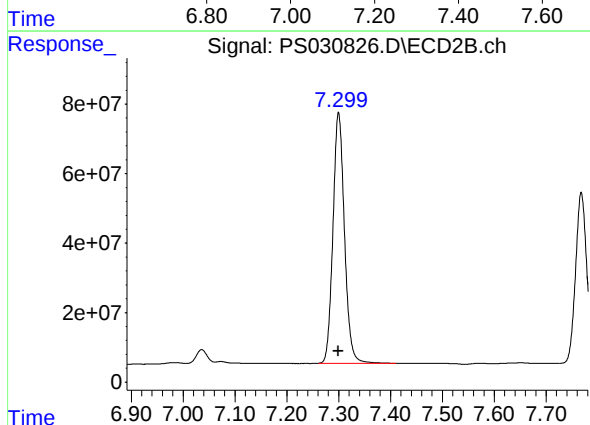
#3 4-Nitrophenol

R.T.: 7.142 min
Delta R.T.: -0.006 min
Response: 1050577347
Conc: 666.29 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

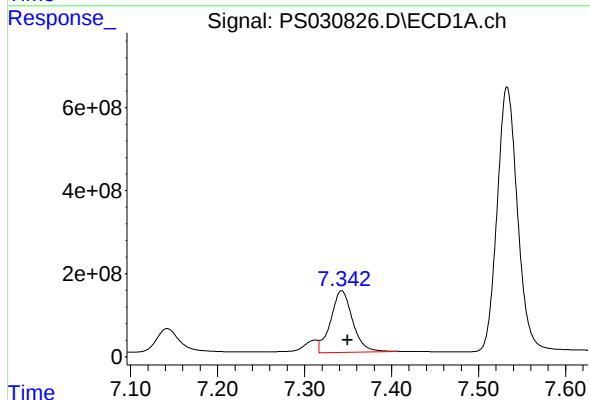
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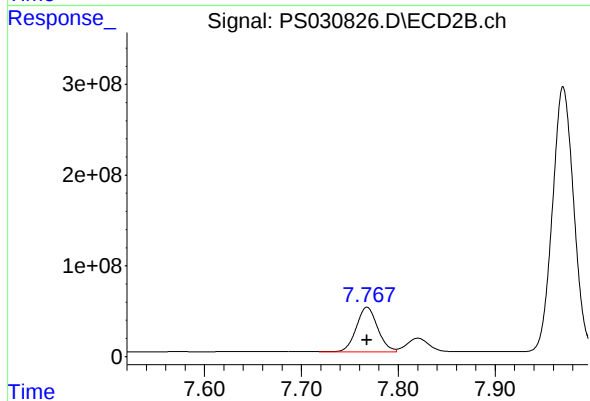
#3 4-Nitrophenol

R.T.: 7.300 min
Delta R.T.: 0.000 min
Response: 1111755606
Conc: 641.32 ng/ml



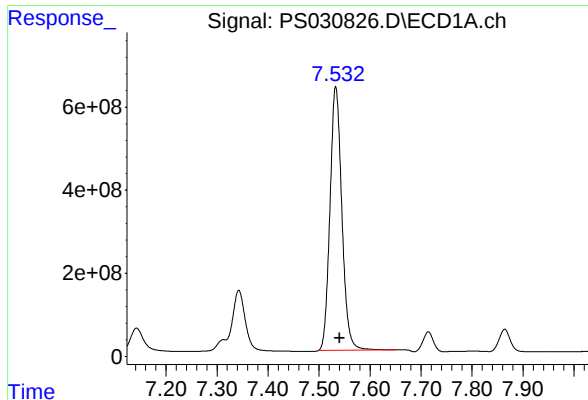
#4 2,4-DCAA

R.T.: 7.342 min
Delta R.T.: -0.007 min
Response: 2610569863
Conc: 710.48 ng/ml m



#4 2,4-DCAA

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 752264428
Conc: 701.76 ng/ml



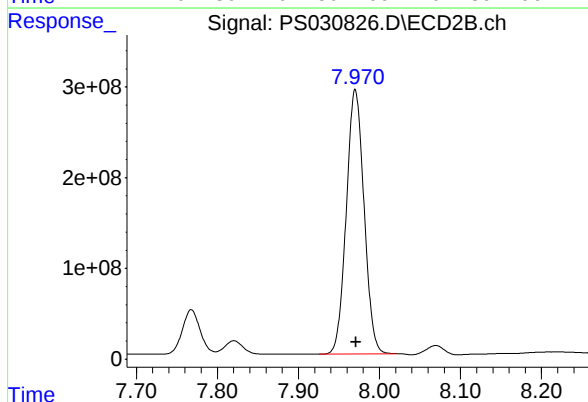
#5 DICAMBA

R.T.: 7.533 min
Delta R.T.: -0.008 min
Response: 10290549724
Conc: 676.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

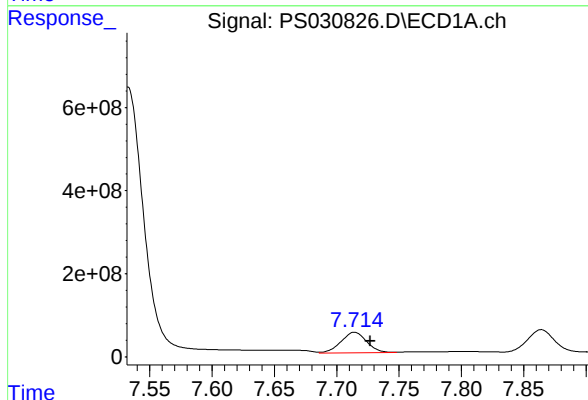
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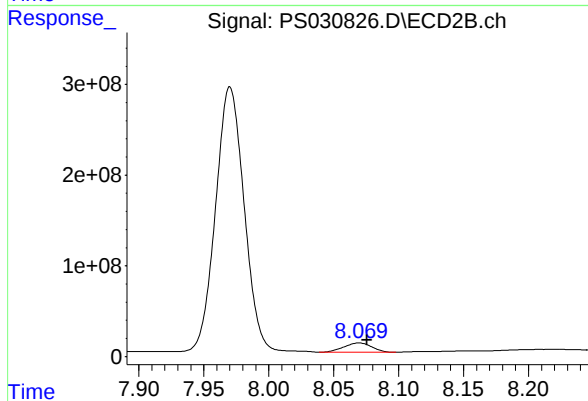
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 4436455892
Conc: 676.99 ng/ml



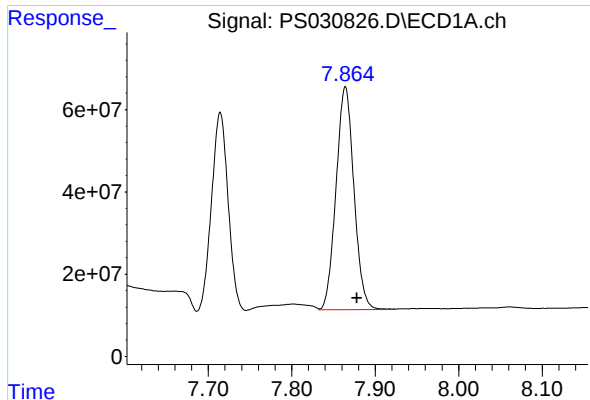
#6 MCPP

R.T.: 7.714 min
Delta R.T.: -0.013 min
Response: 711853852
Conc: 75.82 ug/ml m



#6 MCPP

R.T.: 8.069 min
Delta R.T.: -0.006 min
Response: 152626820
Conc: 72.77 ug/ml



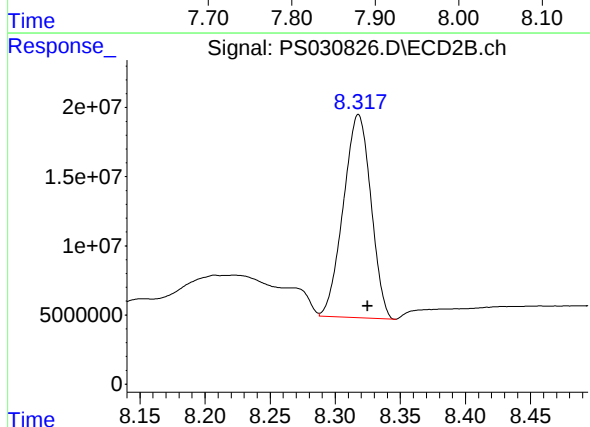
#7 MCPA

R.T.: 7.864 min
Delta R.T.: -0.014 min
Response: 807631857
Conc: 68.85 ug/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

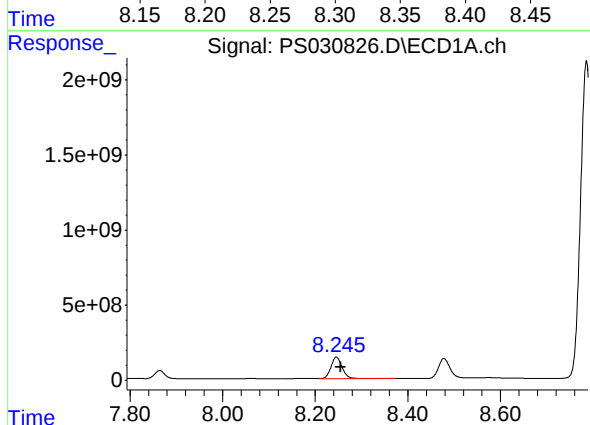
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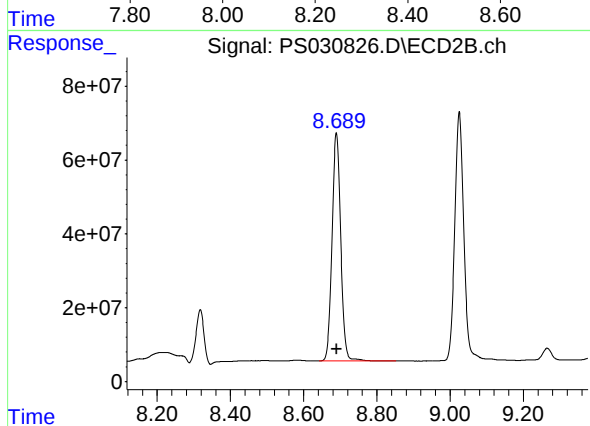
#7 MCPA

R.T.: 8.318 min
Delta R.T.: -0.007 min
Response: 216601435
Conc: 68.86 ug/ml



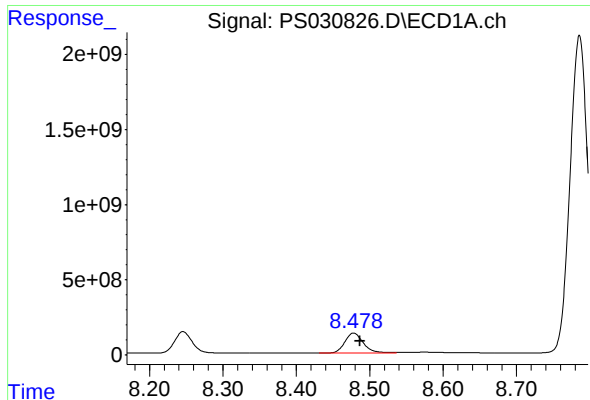
#8 DICHLORPROP

R.T.: 8.246 min
Delta R.T.: -0.009 min
Response: 2389426380
Conc: 637.90 ng/ml



#8 DICHLORPROP

R.T.: 8.690 min
Delta R.T.: 0.000 min
Response: 1013622833
Conc: 644.59 ng/ml



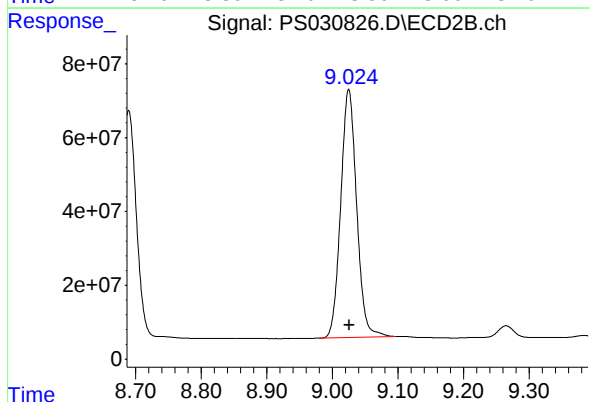
#9 2,4-D

R.T.: 8.478 min
Delta R.T.: -0.009 min
Response: 2347682717
Conc: 681.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

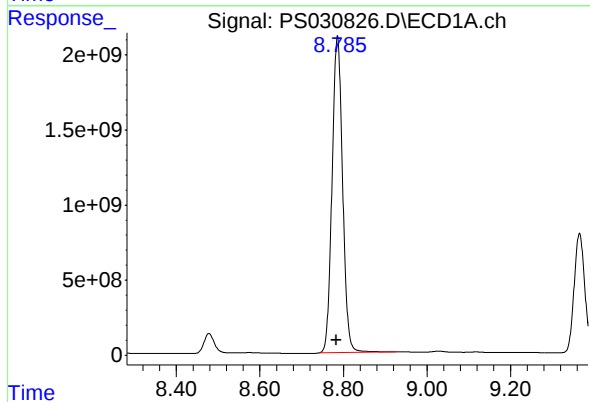
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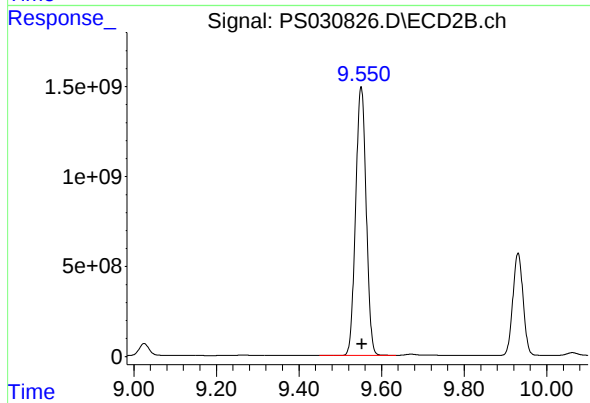
#9 2,4-D

R.T.: 9.024 min
Delta R.T.: -0.001 min
Response: 1138619775
Conc: 670.01 ng/ml m



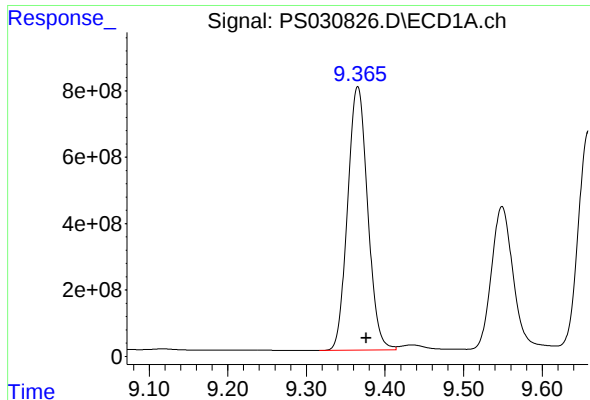
#10 Pentachlorophenol

R.T.: 8.786 min
Delta R.T.: 0.003 min
Response: 36971918402
Conc: 698.57 ng/ml



#10 Pentachlorophenol

R.T.: 9.550 min
Delta R.T.: -0.002 min
Response: 26487610185
Conc: 694.81 ng/ml



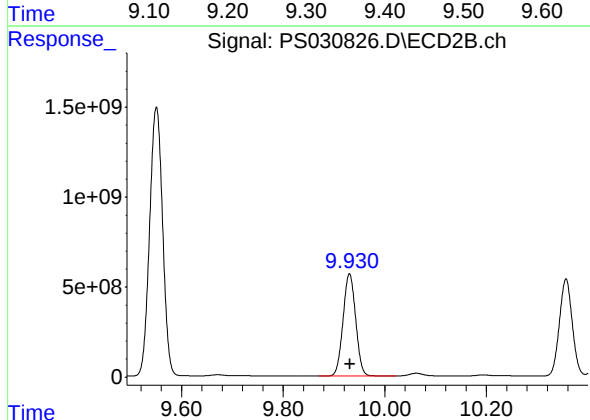
#11 2,4,5-TP (SILVEX)

R.T.: 9.365 min
Delta R.T.: -0.011 min
Response: 14086812676
Conc: 703.27 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

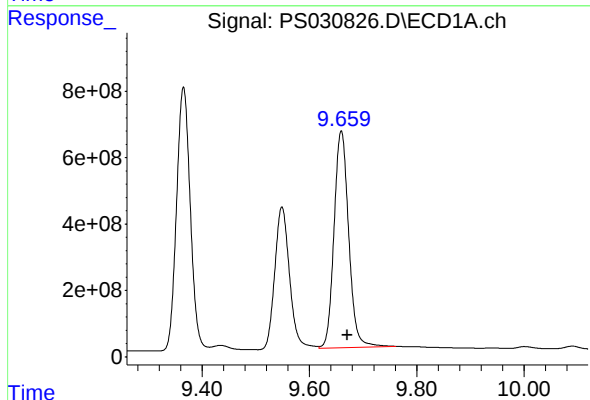
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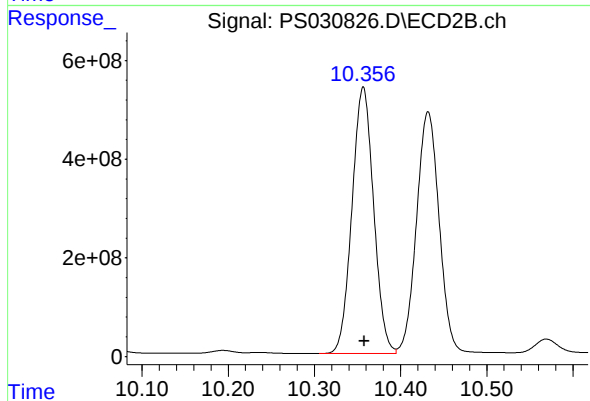
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 9805537246
Conc: 679.59 ng/ml



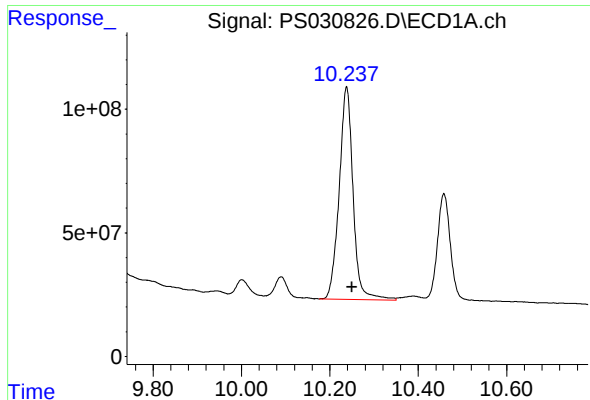
#12 2,4,5-T

R.T.: 9.659 min
Delta R.T.: -0.011 min
Response: 12374286820
Conc: 752.09 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 9417851170
Conc: 689.21 ng/ml



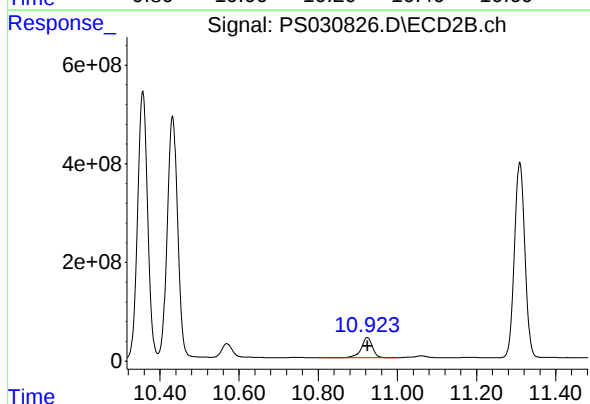
#13 2,4-DB

R.T.: 10.238 min
Delta R.T.: -0.012 min
Response: 1877531531
Conc: 818.63 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

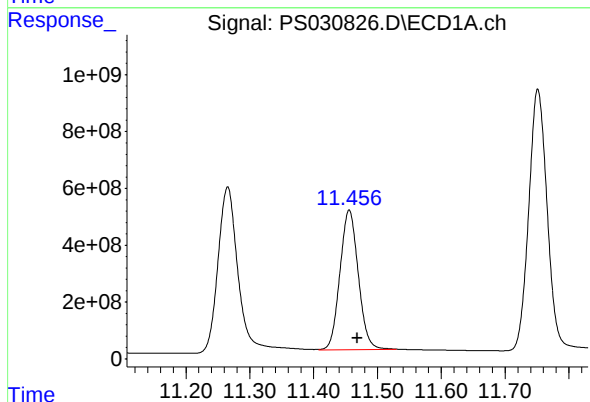
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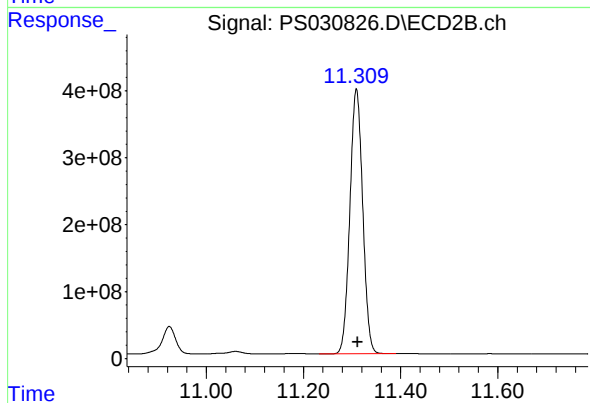
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 793127582
Conc: 670.49 ng/ml



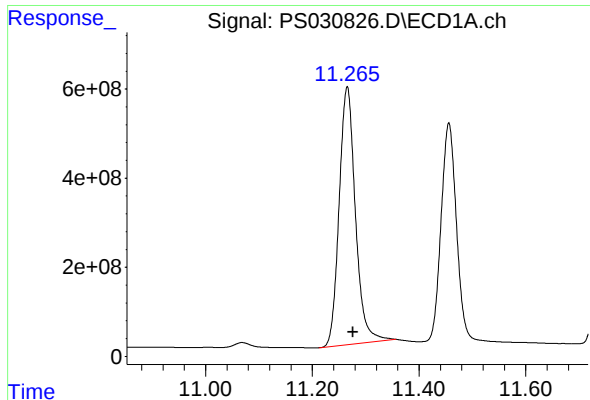
#14 DINOSEB

R.T.: 11.456 min
Delta R.T.: -0.013 min
Response: 9841795049
Conc: 709.41 ng/ml m



#14 DINOSEB

R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 7246093637
Conc: 672.10 ng/ml



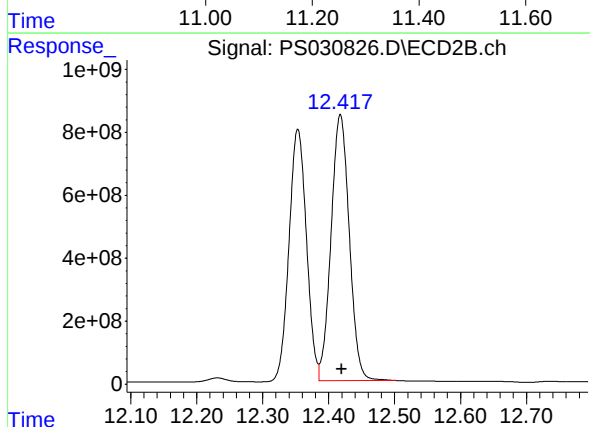
#15 Picloram

R.T.: 11.265 min
Delta R.T.: -0.011 min
Response: 12242465310
Conc: 761.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
PSTDCCC750

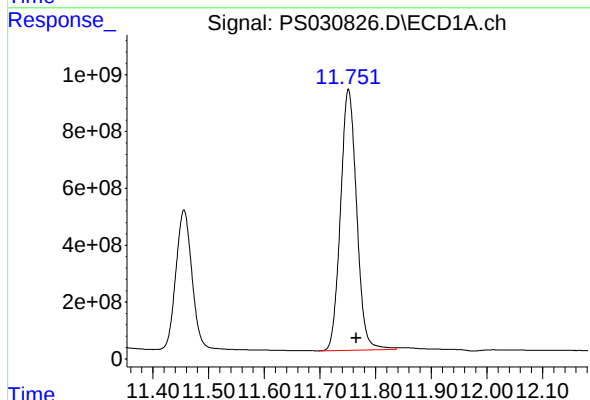
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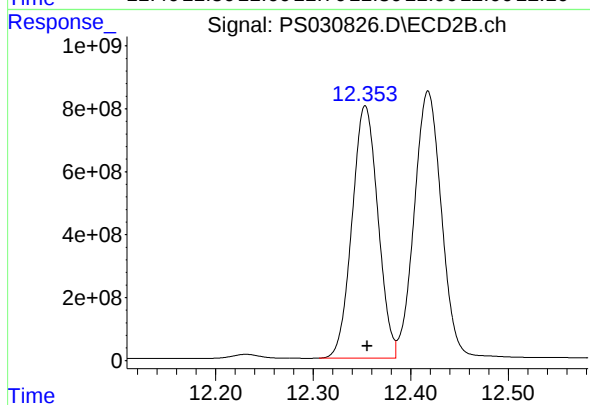
#15 Picloram

R.T.: 12.418 min
Delta R.T.: -0.002 min
Response: 16264648641
Conc: 699.81 ng/ml



#16 DCPA

R.T.: 11.751 min
Delta R.T.: -0.014 min
Response: 18525082707
Conc: 723.18 ng/ml m



#16 DCPA

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 14756439622
Conc: 669.45 ng/ml m