

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060425\
 Data File : PS030500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 21:40
 Operator : AR\AJ
 Sample : Q2160-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 TP05-MHH-WCMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:40:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060425.M
 Quant Title : 8080.M
 QLast Update : Wed Jun 04 13:21:22 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	7.364	7.772	1865.9E6	515.9E6	494.252	479.671
Target Compounds							
1) T	Dalapon	2.713	2.708	849.6E6	2205.7E6	150.445m	805.005 #
2) T	3,5-DICHL...	6.520	6.715	2594.1E6	750.4E6	478.053m	479.713
5) T	DICAMBA	7.556	7.975	6739.4E6	2864.7E6	436.984	444.720
6) T	MCP	7.737	8.074	363.5E6	84868532	36.703	36.714
7) T	MCPA	7.888	8.321	538.3E6	107.5E6	42.423	34.846
8) T	DICHLORPROP	8.272	8.695	1704.7E6	703.9E6	468.565	474.269
9) T	2,4-D	8.504	9.031	2112.1E6	732.5E6	579.665	465.892
10) T	Pentachlo...	8.814	9.558	16591.6E6	10957.8E6	326.695	303.221
11) T	2,4,5-TP ...	9.397	9.938	9843.9E6	6686.3E6	476.353	487.459
12) T	2,4,5-T	9.691	10.364	8745.3E6	6050.9E6	474.486	463.417
13) T	2,4-DB	10.271	10.932	998.1E6	485.8E6	328.728m	422.643 #
15) T	Picloram	11.300	12.426	7291.4E6	7978.3E6	364.482	361.274
16) T	DCPA	11.788	12.362	10100.5E6	9418.0E6	382.015	460.245

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

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Acq On : 04 Jun 2025 21:40
Operator : AR\AJ
Sample : Q2160-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

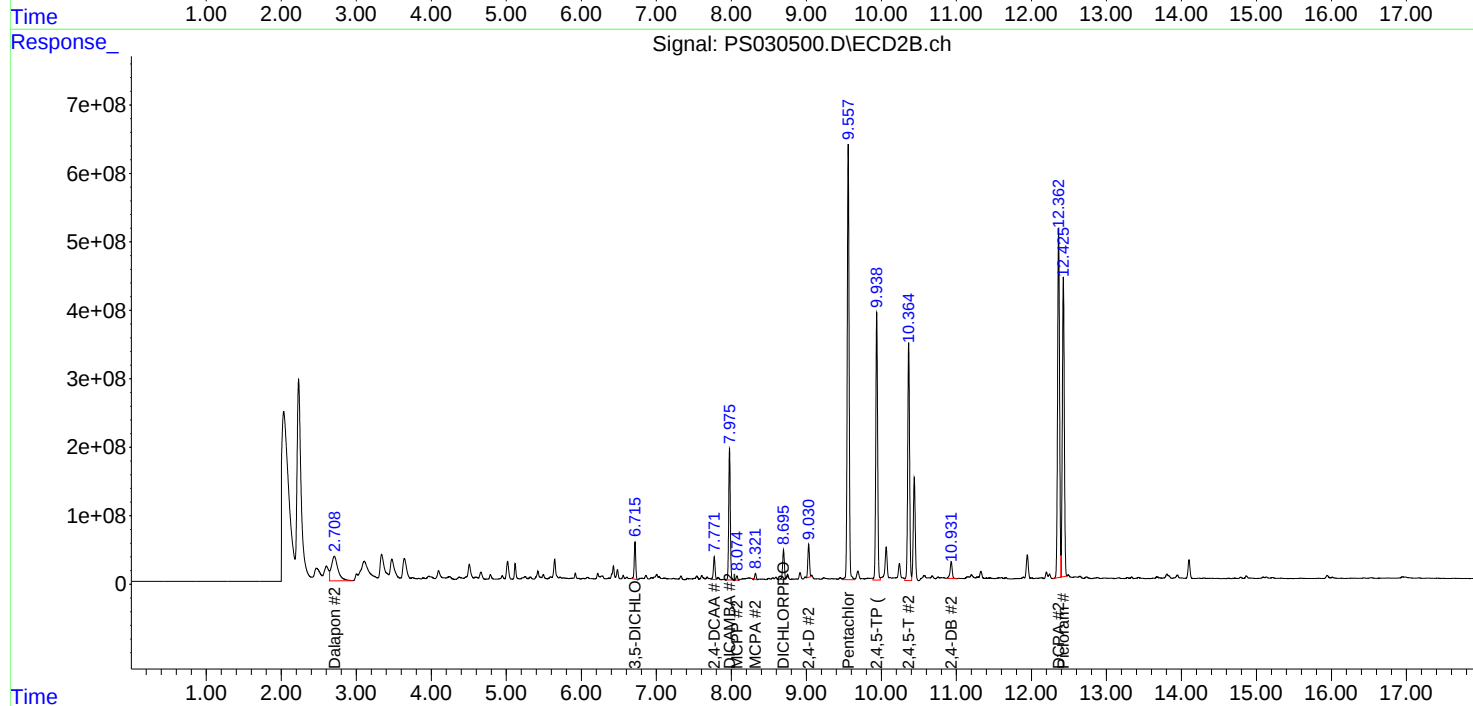
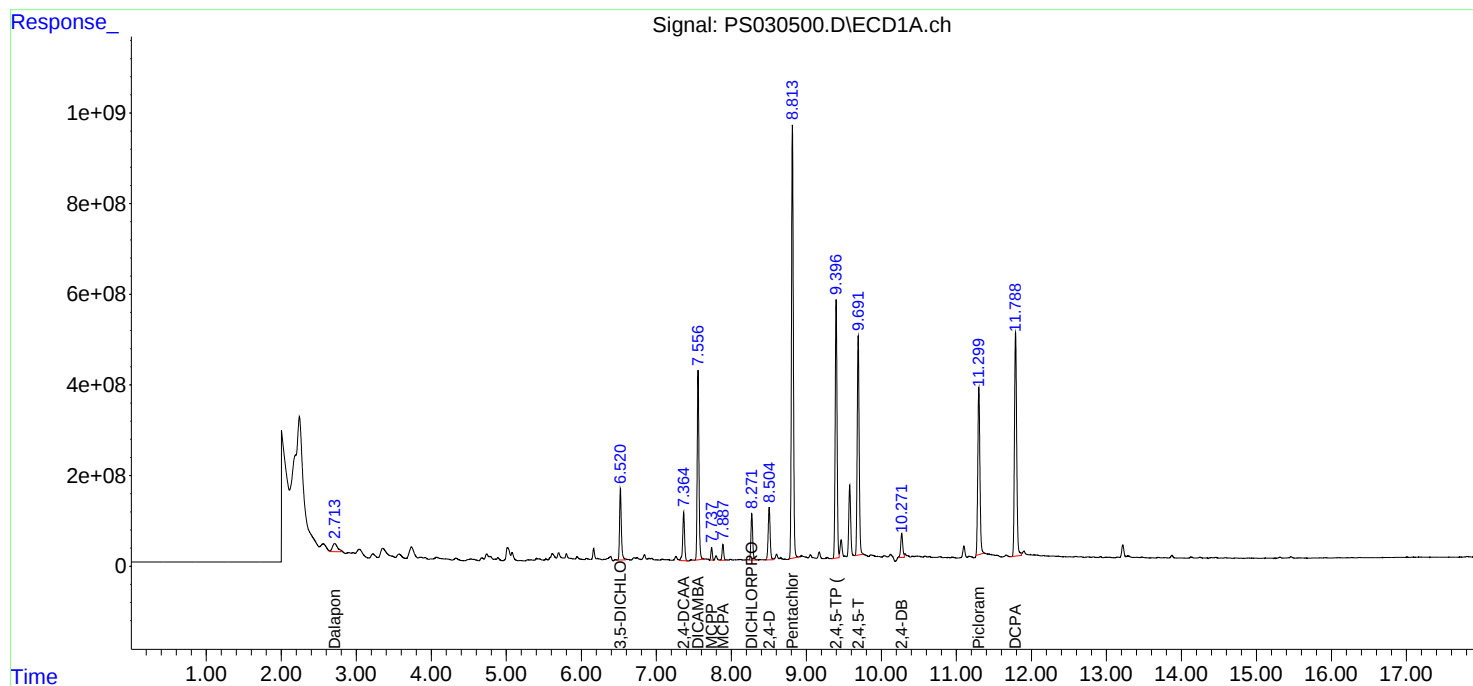
Instrument :
ECD_S
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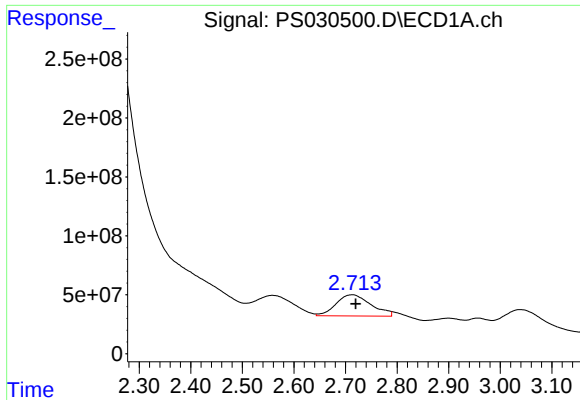
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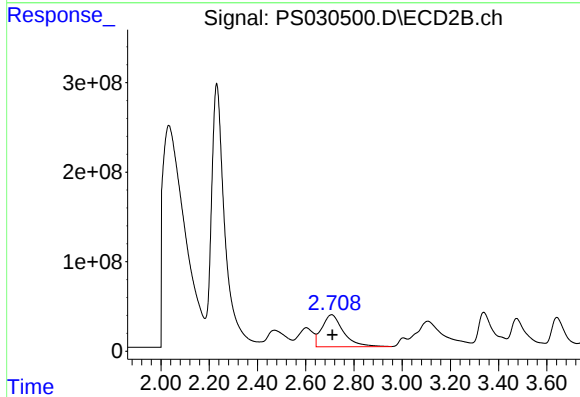
#1 Dalapon

R.T.: 2.713 min
Delta R.T.: -0.007 min
Response: 849556877
Conc: 150.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP05-MHH-WCMS

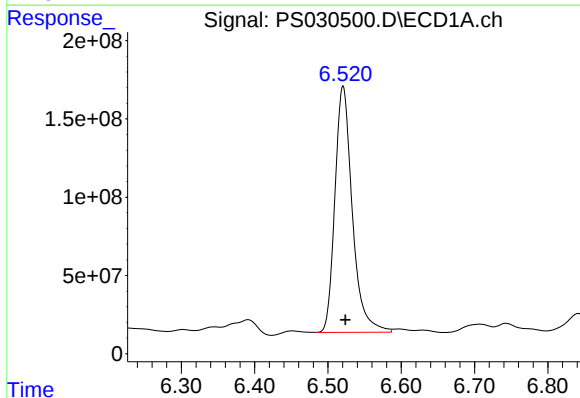
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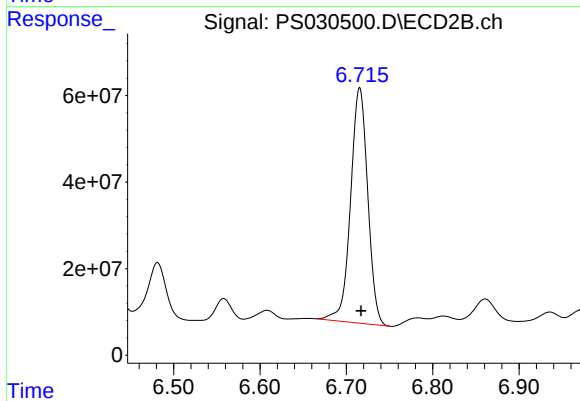
#1 Dalapon

R.T.: 2.708 min
Delta R.T.: -0.003 min
Response: 2205724538
Conc: 805.00 ng/ml



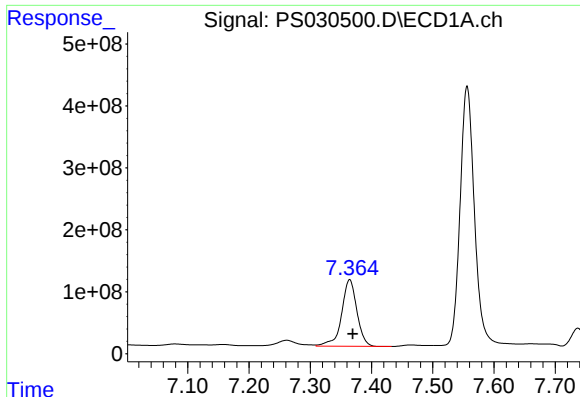
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 2594084009
Conc: 478.05 ng/ml m



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 750389964
Conc: 479.71 ng/ml



#4 2,4-DCAA

R.T.: 7.364 min
Delta R.T.: -0.005 min
Response: 1865872423
Conc: 494.25 ng/ml

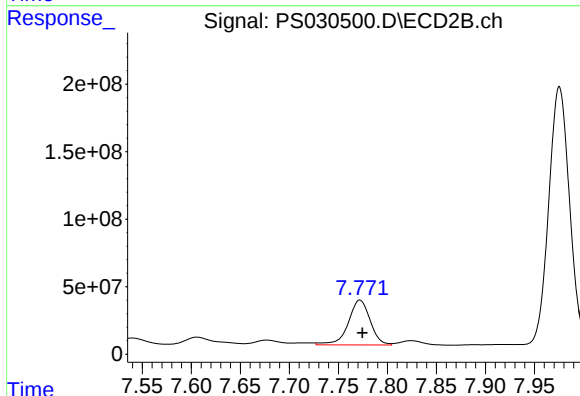
Instrument :

ECD_S

ClientSampleId :
TP05-MHH-WCMS

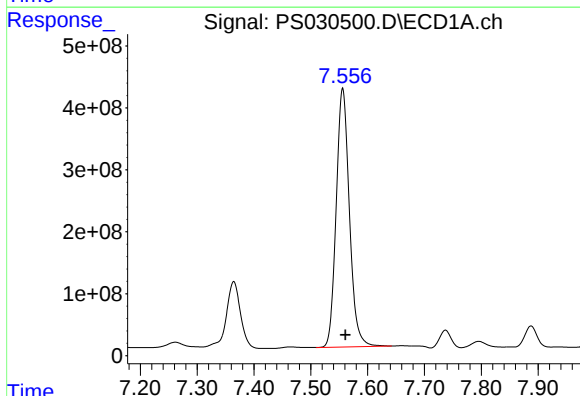
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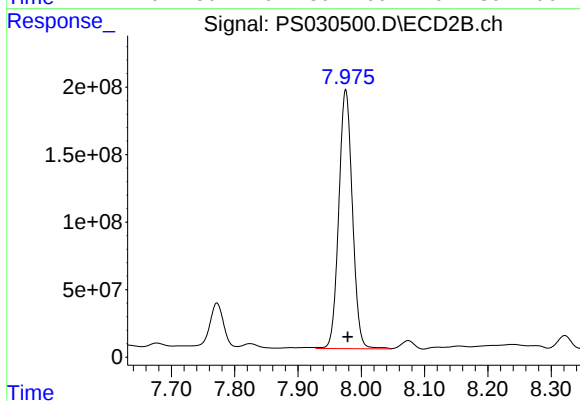
#4 2,4-DCAA

R.T.: 7.772 min
Delta R.T.: -0.002 min
Response: 515939225
Conc: 479.67 ng/ml



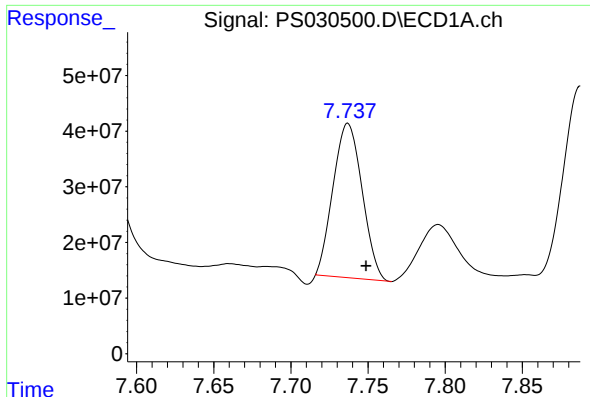
#5 DICAMBA

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 6739406366
Conc: 436.98 ng/ml



#5 DICAMBA

R.T.: 7.975 min
Delta R.T.: -0.003 min
Response: 2864730588
Conc: 444.72 ng/ml



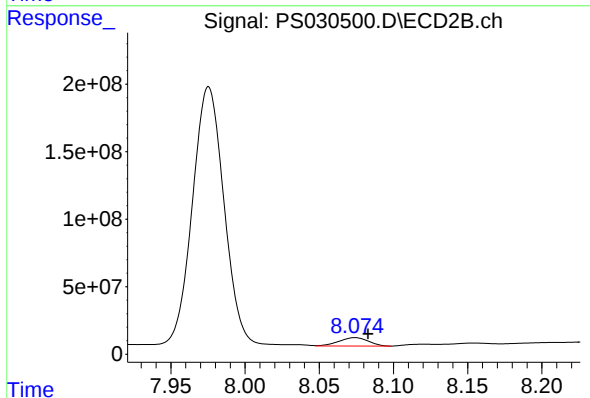
#6 MCPP

R.T.: 7.737 min
Delta R.T.: -0.012 min
Response: 363536821
Conc: 36.70 ug/ml

Instrument :
ECD_S
ClientSampleId :
TP05-MHH-WCMS

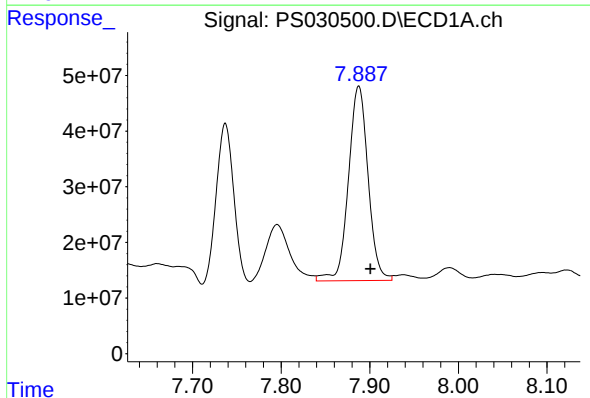
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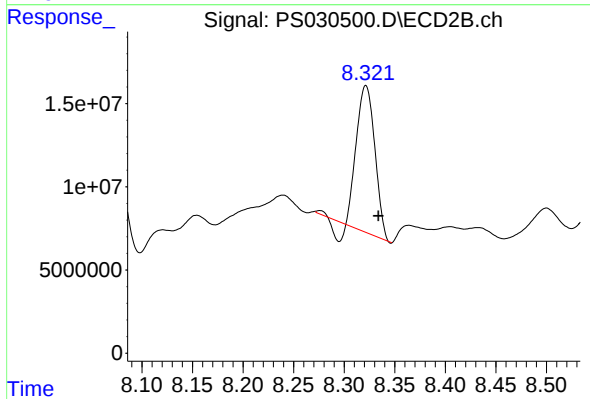
#6 MCPP

R.T.: 8.074 min
Delta R.T.: -0.009 min
Response: 84868532
Conc: 36.71 ug/ml



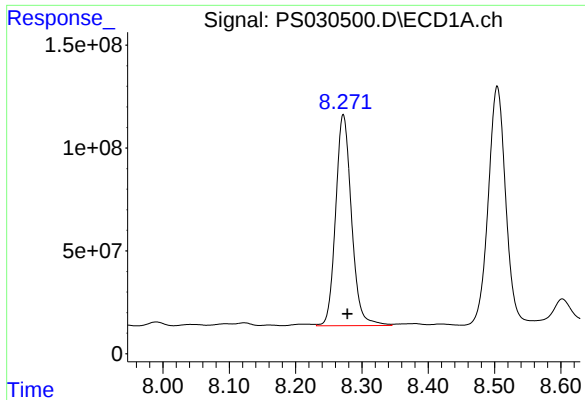
#7 MCPA

R.T.: 7.888 min
Delta R.T.: -0.013 min
Response: 538326114
Conc: 42.42 ug/ml



#7 MCPA

R.T.: 8.321 min
Delta R.T.: -0.012 min
Response: 107531399
Conc: 34.85 ug/ml



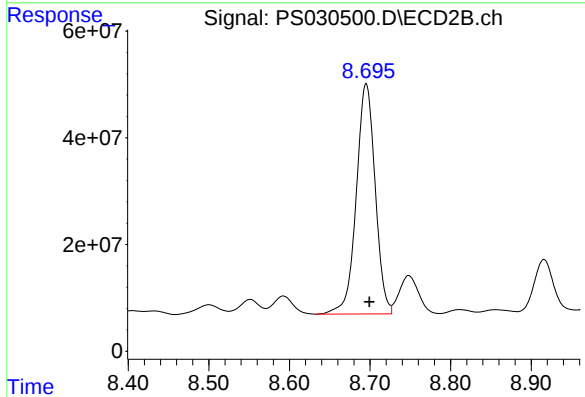
#8 DICHLORPROP

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 1704709272
Conc: 468.57 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP05-MHH-WCMS

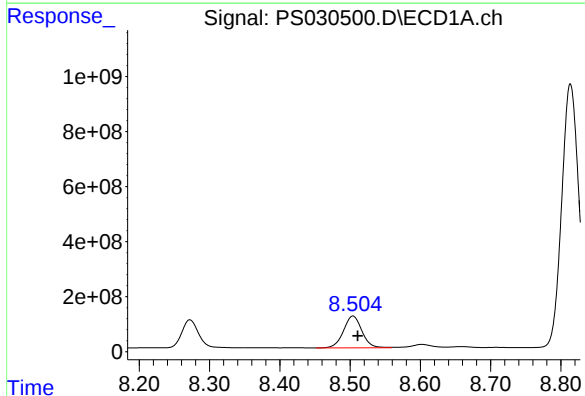
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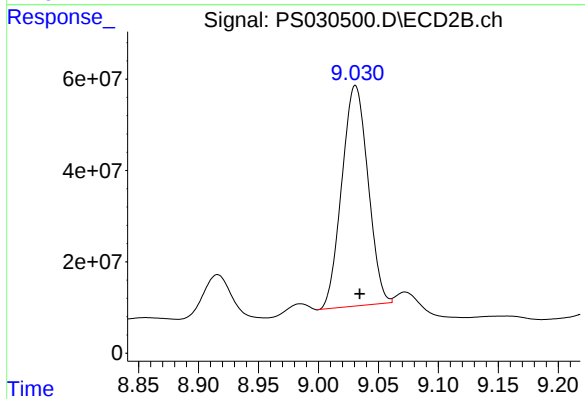
#8 DICHLORPROP

R.T.: 8.695 min
Delta R.T.: -0.004 min
Response: 703912230
Conc: 474.27 ng/ml



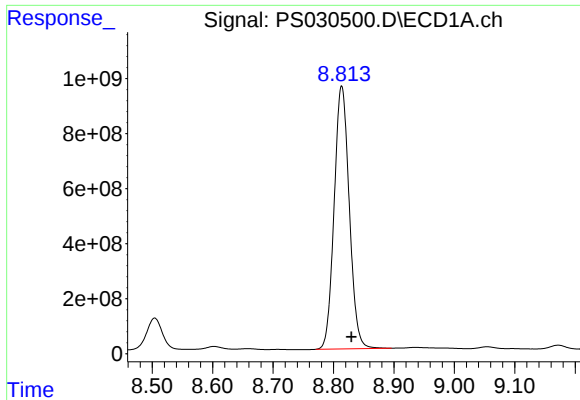
#9 2,4-D

R.T.: 8.504 min
Delta R.T.: -0.007 min
Response: 2112075275
Conc: 579.67 ng/ml



#9 2,4-D

R.T.: 9.031 min
Delta R.T.: -0.004 min
Response: 732532341
Conc: 465.89 ng/ml



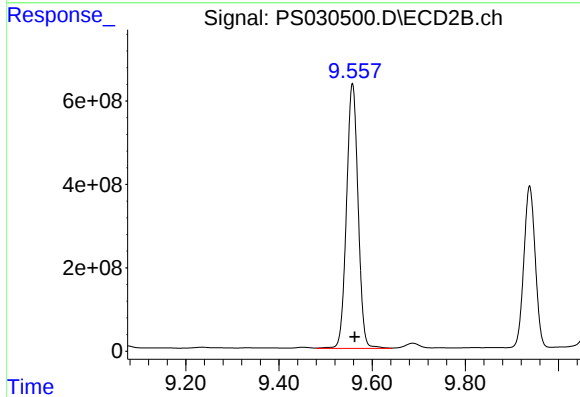
#10 Pentachlorophenol

R.T.: 8.814 min
Delta R.T.: -0.016 min
Response: 16591607229
Conc: 326.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
TP05-MHH-WCMS

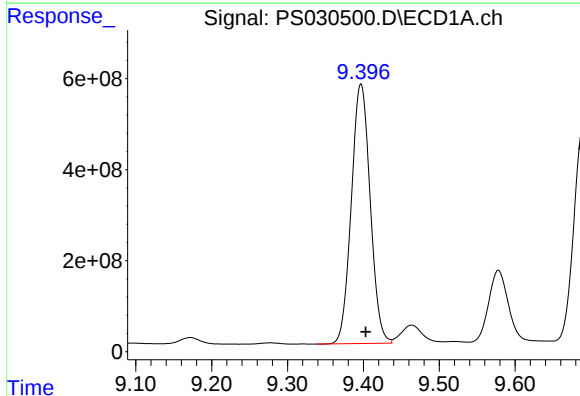
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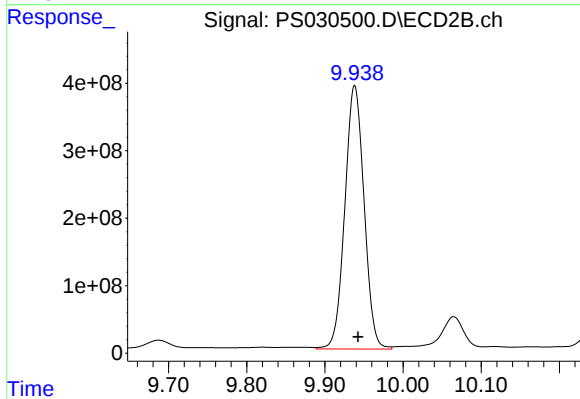
#10 Pentachlorophenol

R.T.: 9.558 min
Delta R.T.: -0.005 min
Response: 10957802322
Conc: 303.22 ng/ml



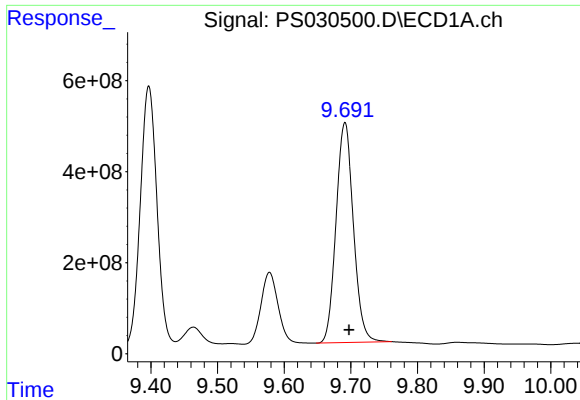
#11 2,4,5-TP (SILVEX)

R.T.: 9.397 min
Delta R.T.: -0.006 min
Response: 9843883825
Conc: 476.35 ng/ml



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

R.T.: 9.938 min
Delta R.T.: -0.004 min
Response: 6686349075
Conc: 487.46 ng/ml



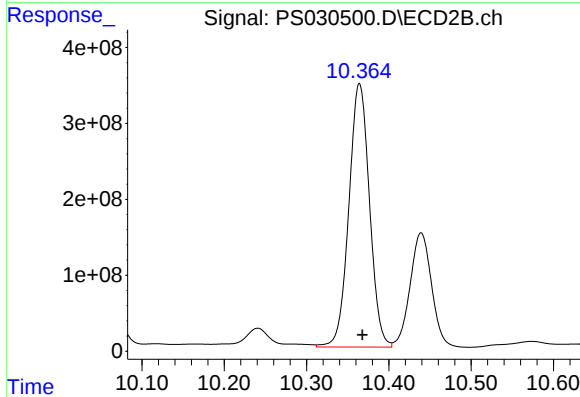
#12 2,4,5-T

R.T.: 9.691 min
Delta R.T.: -0.006 min
Response: 8745280837
Conc: 474.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
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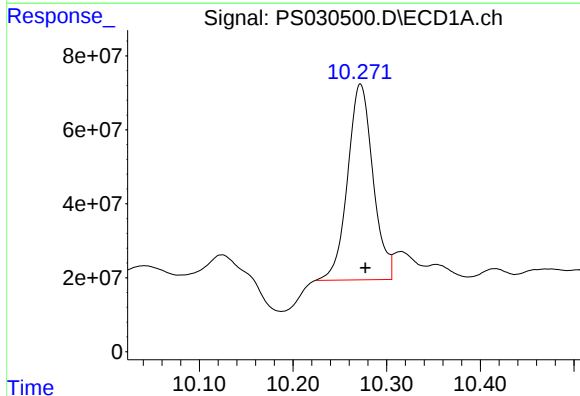
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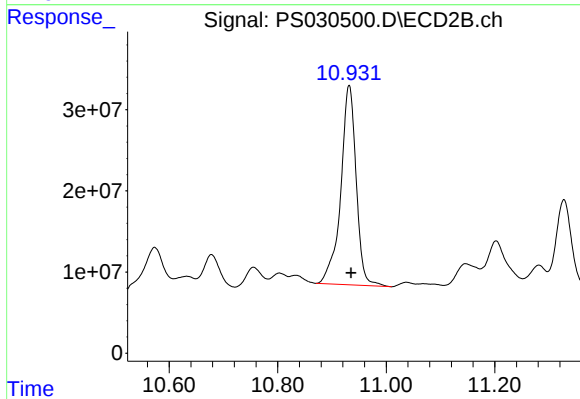
#12 2,4,5-T

R.T.: 10.364 min
Delta R.T.: -0.003 min
Response: 6050895229
Conc: 463.42 ng/ml



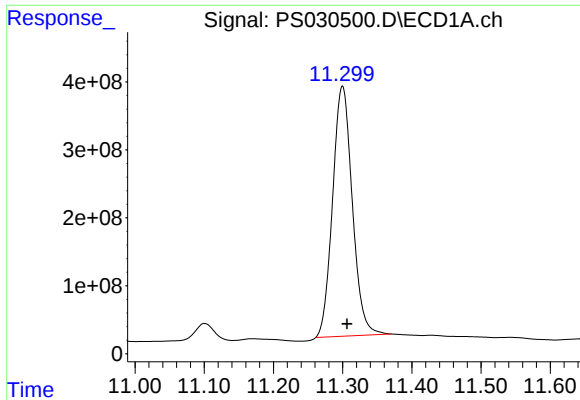
#13 2,4-DB

R.T.: 10.271 min
Delta R.T.: -0.006 min
Response: 998136726
Conc: 328.73 ng/ml m



#13 2,4-DB

R.T.: 10.932 min
Delta R.T.: -0.003 min
Response: 485849808
Conc: 422.64 ng/ml



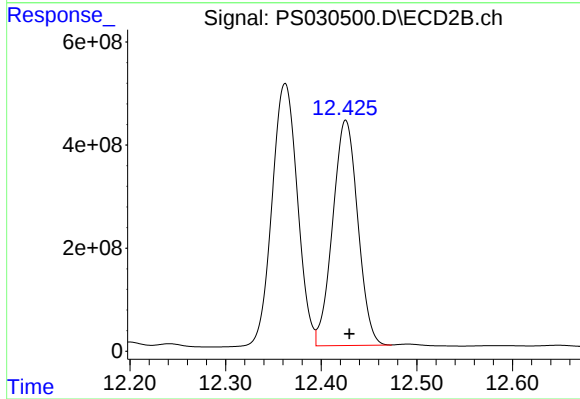
#15 Picloram

R.T.: 11.300 min
Delta R.T.: -0.007 min
Response: 7291393771
Conc: 364.48 ng/ml

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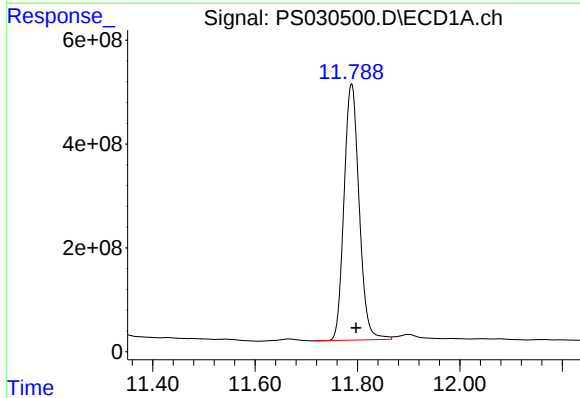
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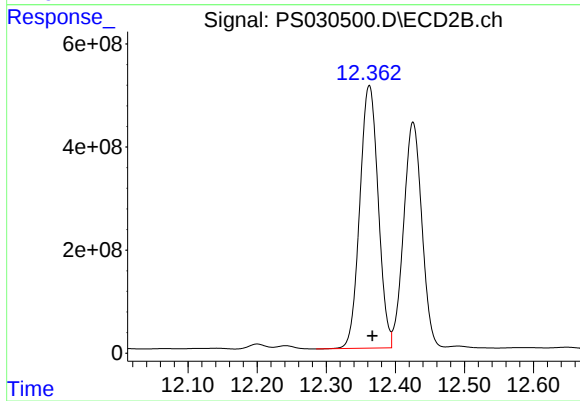
#15 Picloram

R.T.: 12.426 min
Delta R.T.: -0.004 min
Response: 7978333438
Conc: 361.27 ng/ml



#16 DCPA

R.T.: 11.788 min
Delta R.T.: -0.009 min
Response: 10100503382
Conc: 382.01 ng/ml



#16 DCPA

R.T.: 12.362 min
Delta R.T.: -0.004 min
Response: 9417971484
Conc: 460.25 ng/ml