

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
 Data File : PS031699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 15:18
 Operator : AR\AJ
 Sample : Q2893-07
 Misc : LOD WATER 100PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/12/2025
 Supervised By :mohammad ahmed 09/15/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 02:57:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS090925.M
 Quant Title : 8080.M
 QLast Update : Tue Sep 09 13:56:38 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	7.291	7.748	1608.9E6	475.3E6	446.726	522.994
Target Compounds							
1) T	Dalapon	2.673	2.690	661.5E6	275.1E6	114.437	97.649
2) T	3,5-DICHL...	6.464	6.716	567.7E6	152.5E6	106.434	100.022
3) T	4-Nitroph...	7.149	7.405	79325853	101.0E6	71.905m	79.976m
5) T	DICAMBA	7.474	7.943	1611.8E6	562.8E6	103.344	86.488m
6) T	MCPD	7.646	8.034	63154122	9102118	7.065m	4.833 #
7) T	MCPA	7.797	8.279	58798907	18943254	5.292	6.763m#
8) T	DICHLORPROP	8.187	8.669	410.8E6	153.0E6	115.343	105.172
9) T	2,4-D	8.446	9.040	374.6E6	169.5E6	109.338m	103.029m
10) T	Pentachlo...	8.712	9.512	6069.0E6	3731.1E6	114.307	94.005
11) T	2,4,5-TP ...	9.295	9.903	2243.7E6	1442.2E6	106.975	95.801
12) T	2,4,5-T	9.606	10.349	1694.2E6	1026.9E6	92.590	76.306
13) T	2,4-DB	10.189	10.927	169.1E6	89950931	72.479	84.063m
14) T	DINOSEB	11.361	11.271	1823.7E6	1065.9E6	126.446	109.648
15) T	Picloram	11.241	12.435	1089.9E6	1684.4E6	60.515m	71.122
16) T	DCPA	11.658	12.311	2902.8E6	2271.2E6	107.713	94.226

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

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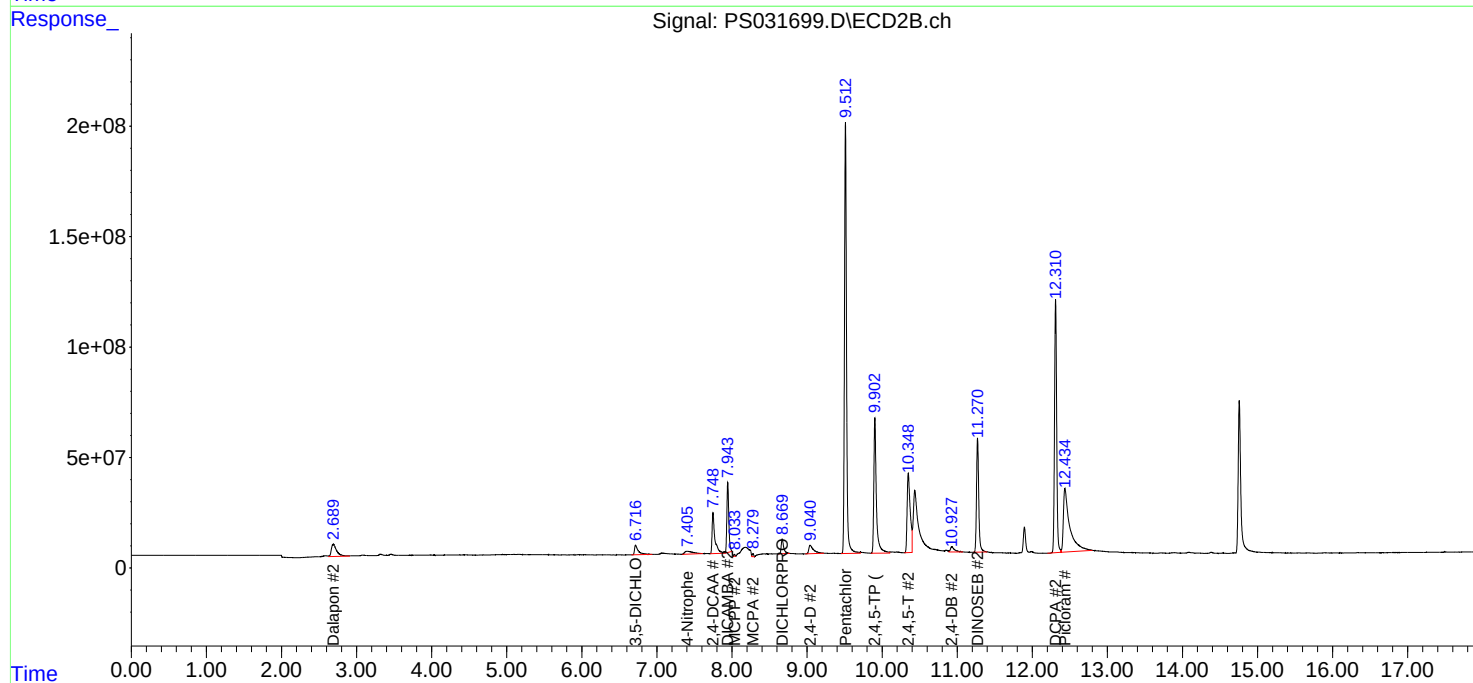
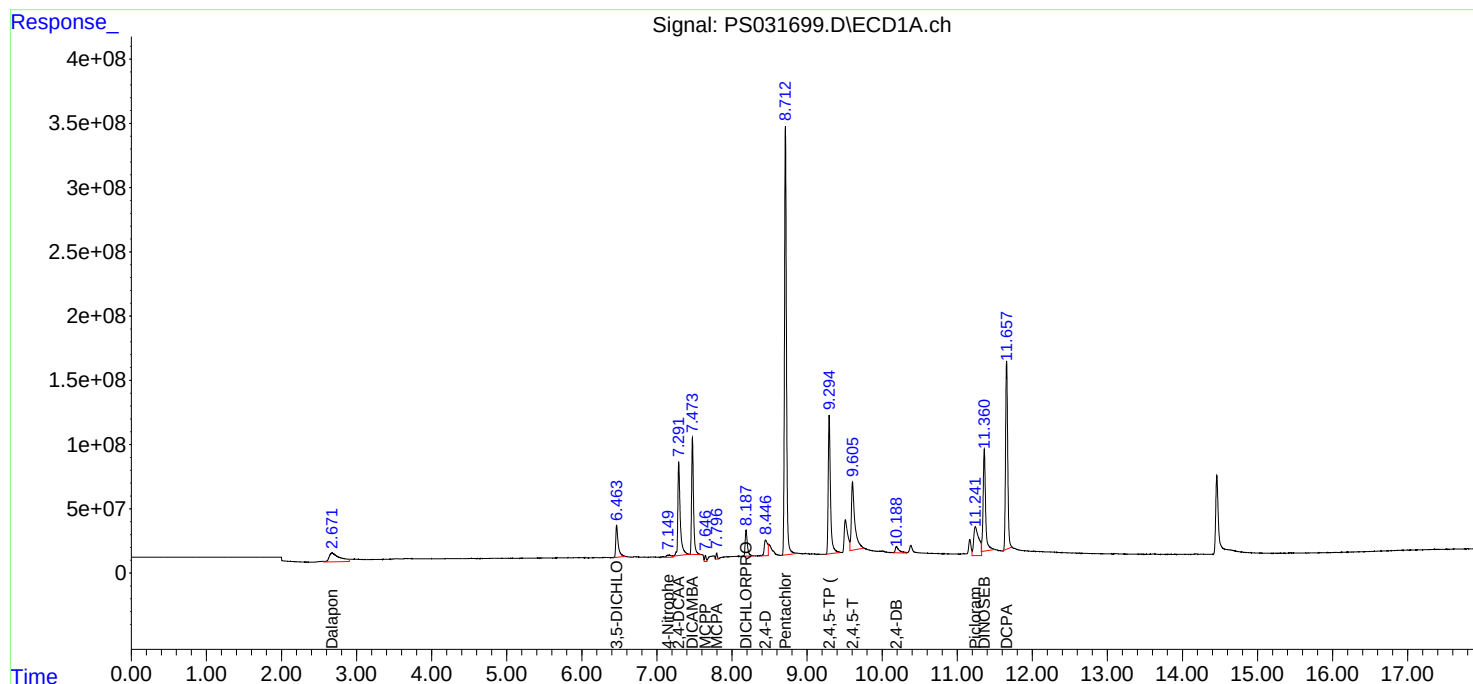
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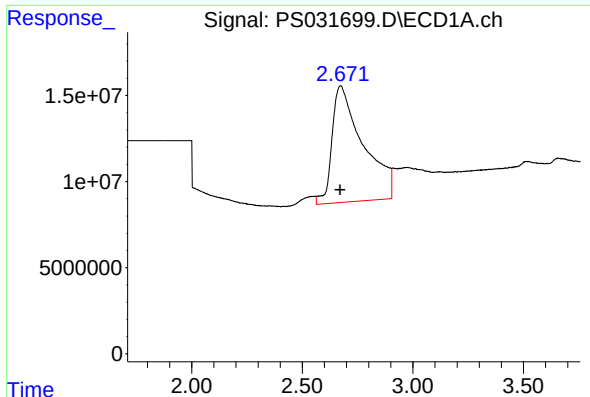
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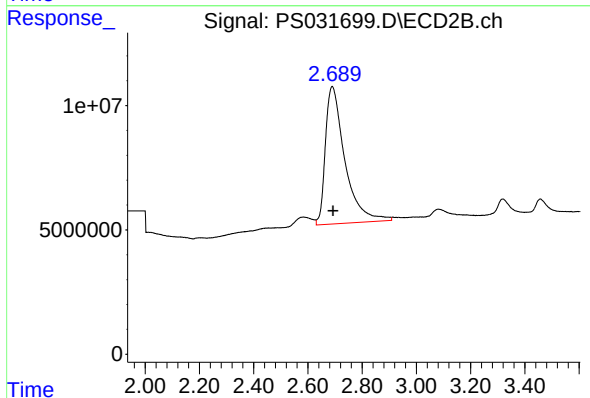
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 661530026
Conc: 114.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
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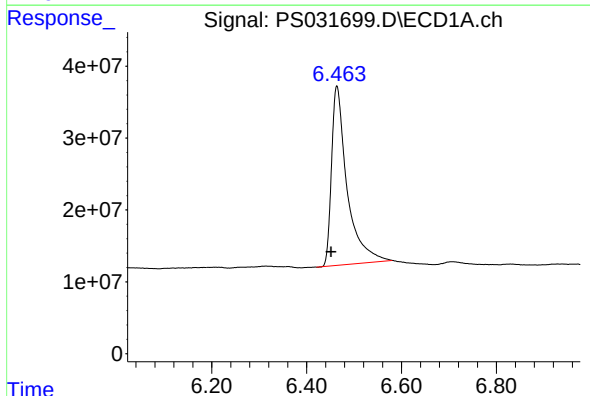
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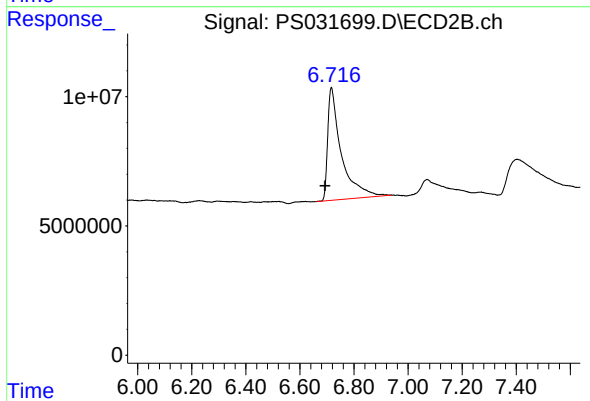
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.002 min
Response: 275139398
Conc: 97.65 ng/ml



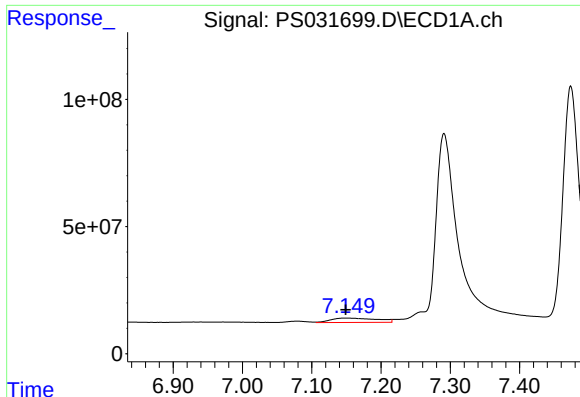
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.464 min
Delta R.T.: 0.012 min
Response: 567651293
Conc: 106.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.716 min
Delta R.T.: 0.023 min
Response: 152529392
Conc: 100.02 ng/ml



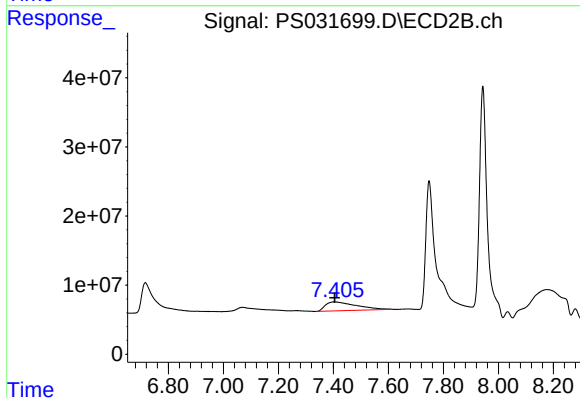
#3 4-Nitrophenol

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 79325853
Conc: 71.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
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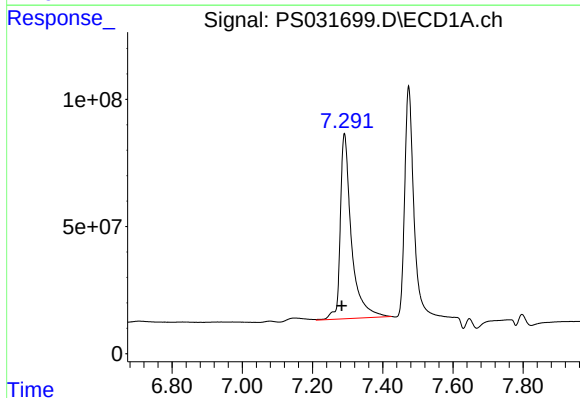
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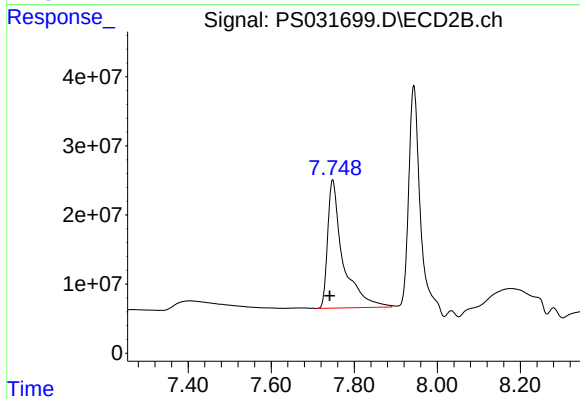
#3 4-Nitrophenol

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 100993060
Conc: 79.98 ng/ml m



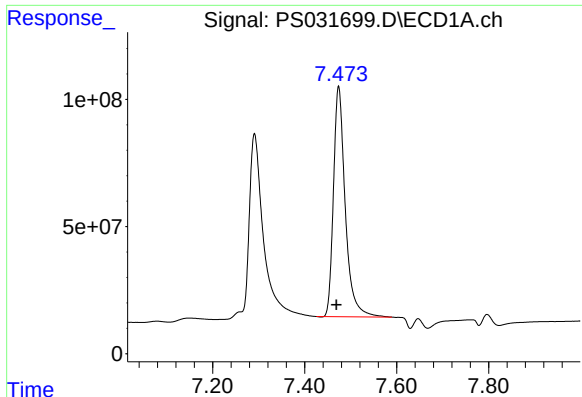
#4 2,4-DCAA

R.T.: 7.291 min
Delta R.T.: 0.008 min
Response: 1608894590
Conc: 446.73 ng/ml



#4 2,4-DCAA

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 475349212
Conc: 522.99 ng/ml



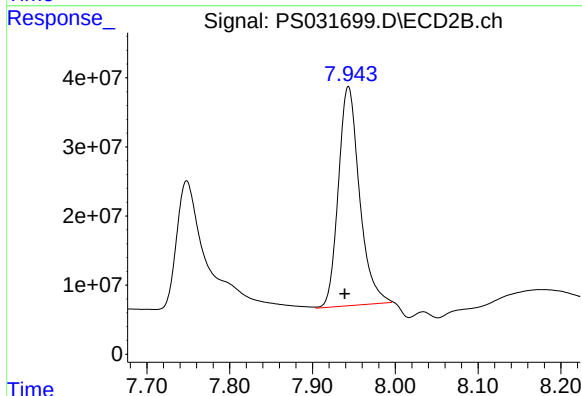
#5 DICAMBA

R.T.: 7.474 min
Delta R.T.: 0.005 min
Response: 1611828674
Conc: 103.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
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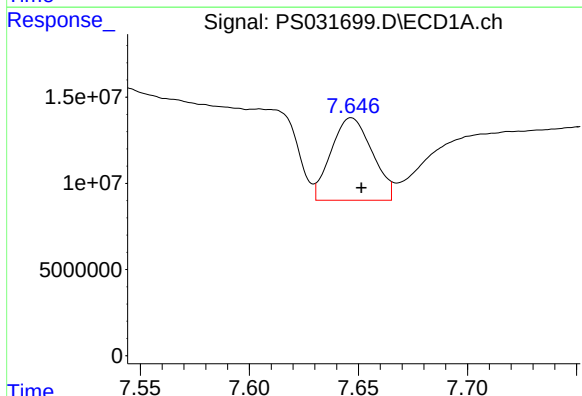
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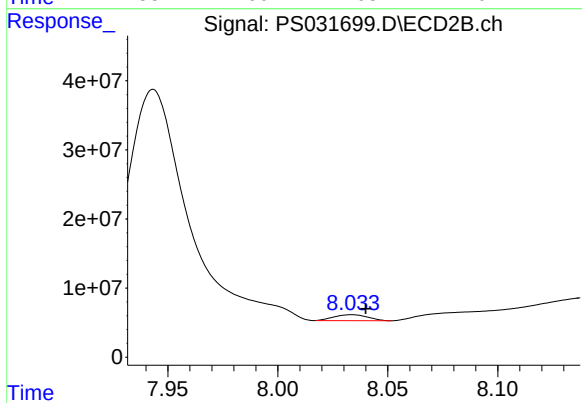
#5 DICAMBA

R.T.: 7.943 min
Delta R.T.: 0.004 min
Response: 562764456
Conc: 86.49 ng/ml m



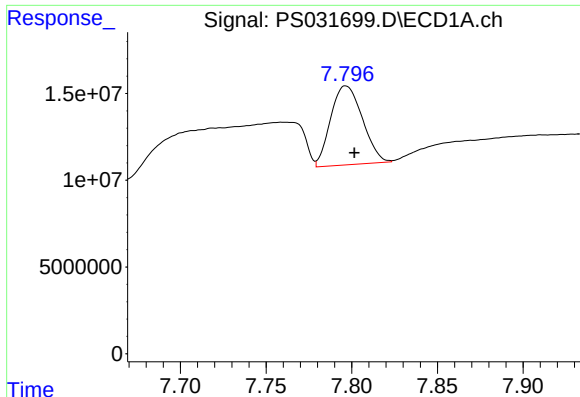
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 63154122
Conc: 7.06 ug/ml m



#6 MCP

R.T.: 8.034 min
Delta R.T.: -0.006 min
Response: 9102118
Conc: 4.83 ug/ml



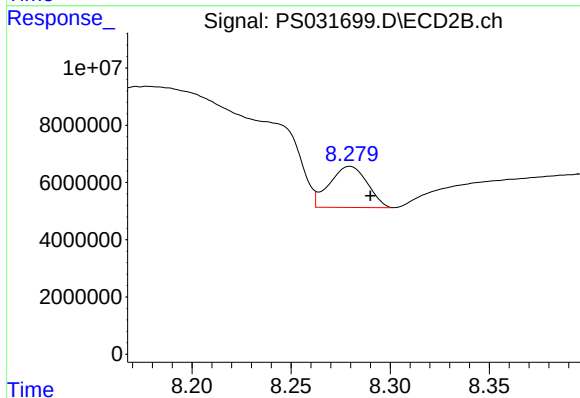
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.005 min
Response: 58798907
Conc: 5.29 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT3-2025

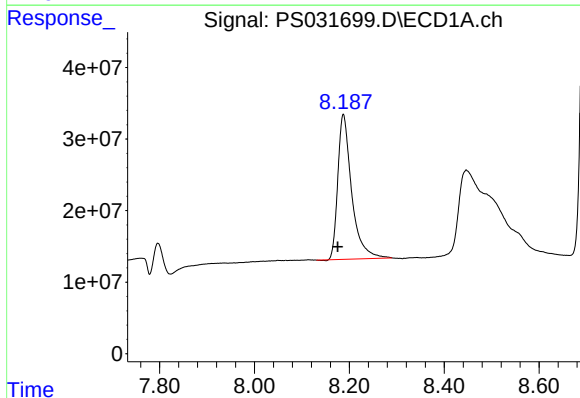
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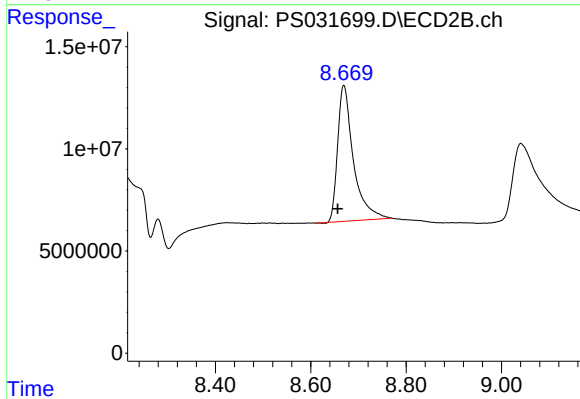
#7 MCPA

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 18943254
Conc: 6.76 ug/ml m



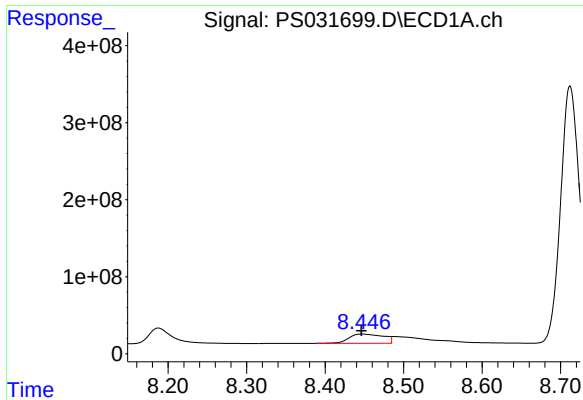
#8 DICHLORPROP

R.T.: 8.187 min
Delta R.T.: 0.011 min
Response: 410823808
Conc: 115.34 ng/ml



#8 DICHLORPROP

R.T.: 8.669 min
Delta R.T.: 0.012 min
Response: 153031298
Conc: 105.17 ng/ml



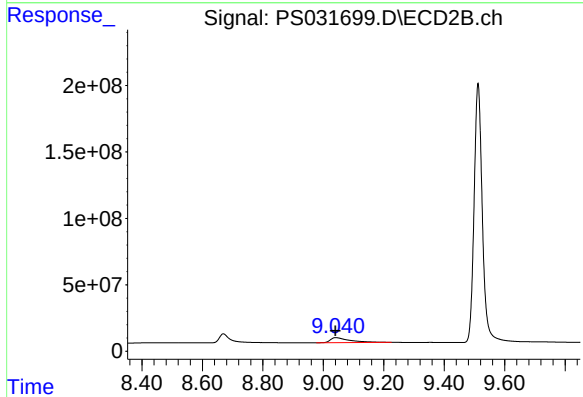
#9 2,4-D

R.T.: 8.446 min
Delta R.T.: 0.000 min
Response: 374552539
Conc: 109.34 ng/ml

Instrument :
ECD_S
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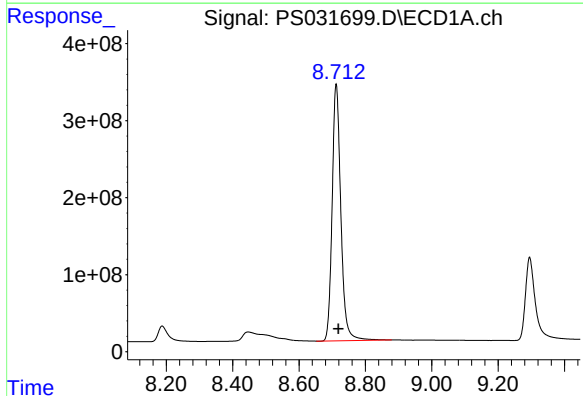
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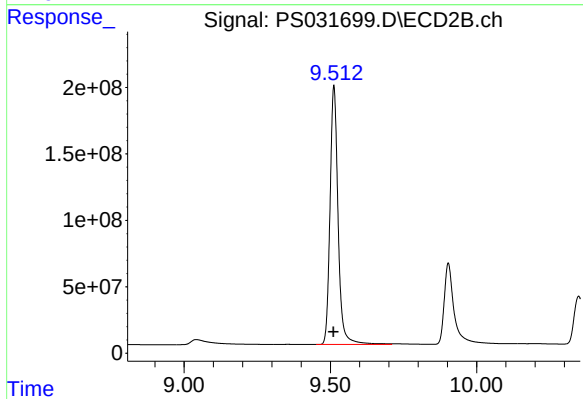
#9 2,4-D

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 169494137
Conc: 103.03 ng/ml m



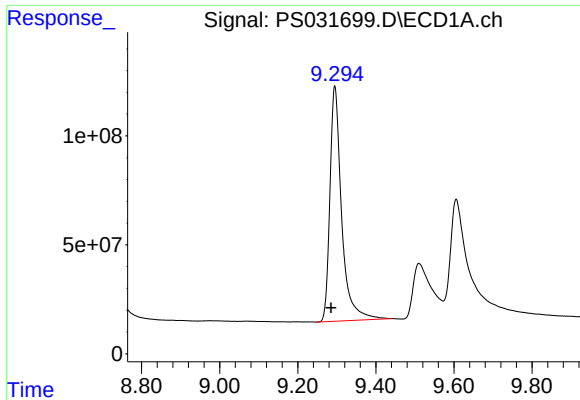
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.007 min
Response: 6068982519
Conc: 114.31 ng/ml



#10 Pentachlorophenol

R.T.: 9.512 min
Delta R.T.: 0.002 min
Response: 3731104106
Conc: 94.00 ng/ml



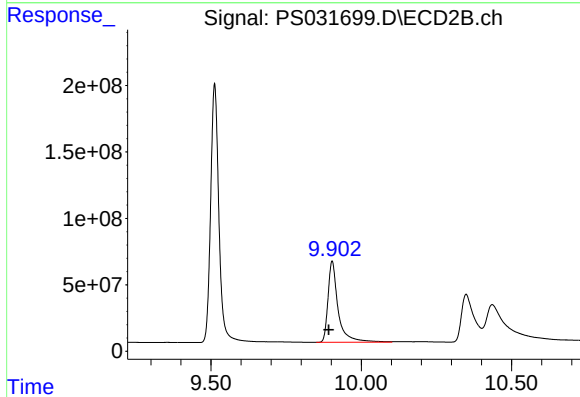
#11 2,4,5-TP (SILVEX)

R.T.: 9.295 min
Delta R.T.: 0.010 min
Response: 2243661022
Conc: 106.98 ng/ml

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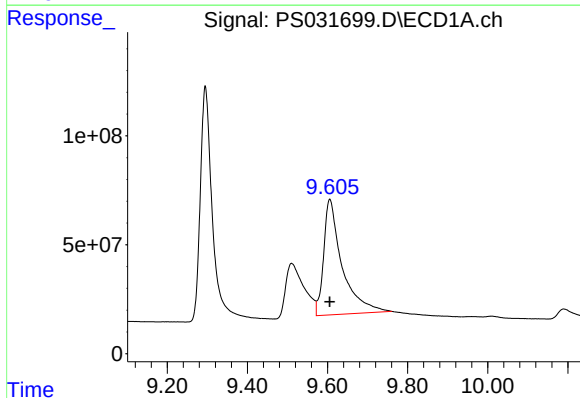
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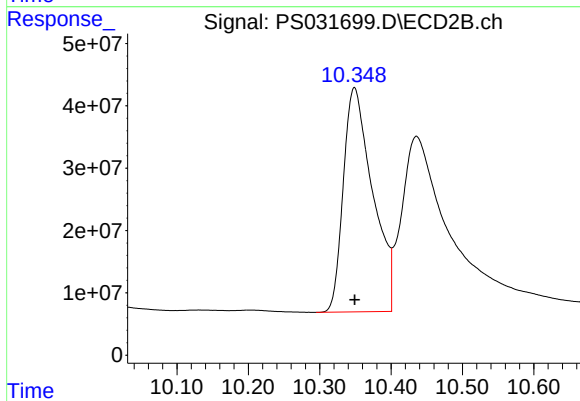
#11 2,4,5-TP (SILVEX)

R.T.: 9.903 min
Delta R.T.: 0.011 min
Response: 1442215235
Conc: 95.80 ng/ml



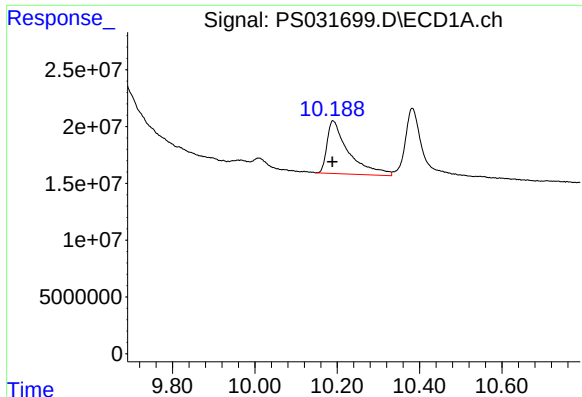
#12 2,4,5-T

R.T.: 9.606 min
Delta R.T.: 0.000 min
Response: 1694229980
Conc: 92.59 ng/ml



#12 2,4,5-T

R.T.: 10.349 min
Delta R.T.: 0.000 min
Response: 1026855986
Conc: 76.31 ng/ml



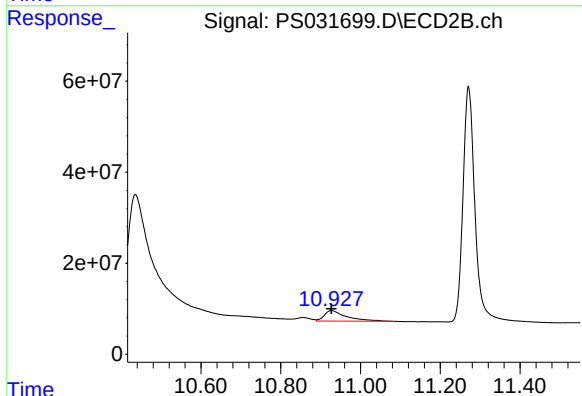
#13 2,4-DB

R.T.: 10.189 min
Delta R.T.: 0.001 min
Response: 169076772
Conc: 72.48 ng/ml

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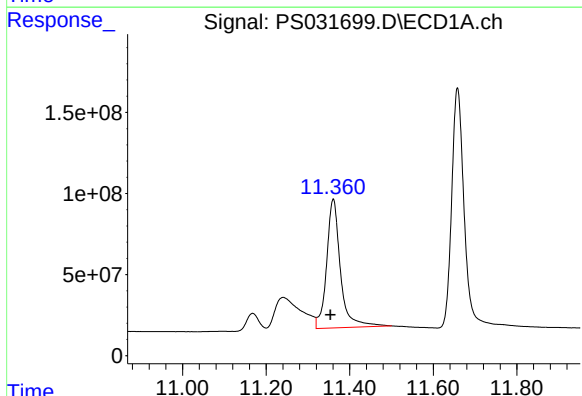
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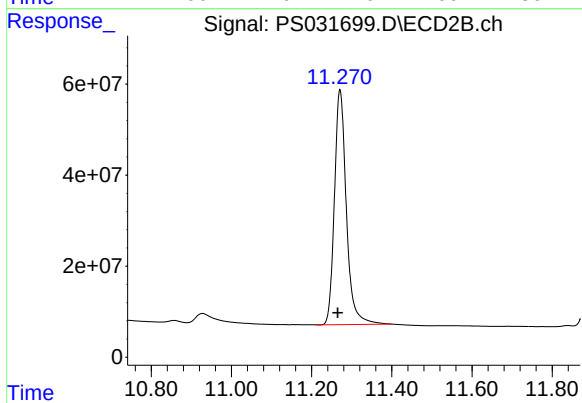
#13 2,4-DB

R.T.: 10.927 min
Delta R.T.: 0.000 min
Response: 89950931
Conc: 84.06 ng/ml m



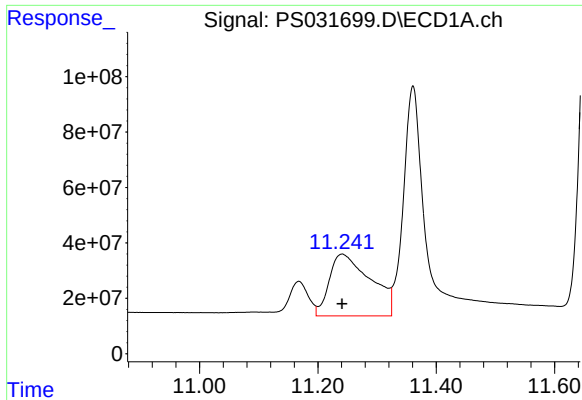
#14 DINOSEB

R.T.: 11.361 min
Delta R.T.: 0.007 min
Response: 1823696042
Conc: 126.45 ng/ml



#14 DINOSEB

R.T.: 11.271 min
Delta R.T.: 0.006 min
Response: 1065851906
Conc: 109.65 ng/ml



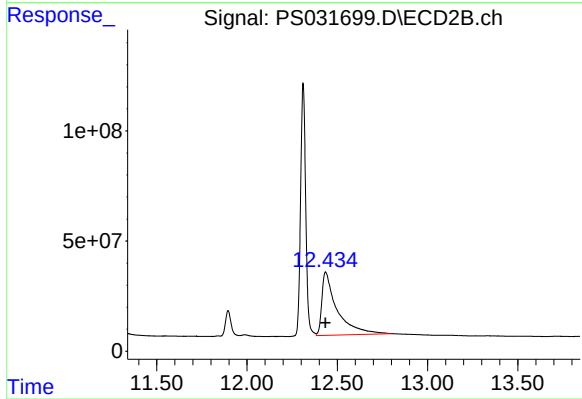
#15 Picloram

R.T.: 11.241 min
Delta R.T.: 0.000 min
Response: 1089935204
Conc: 60.51 ng/ml

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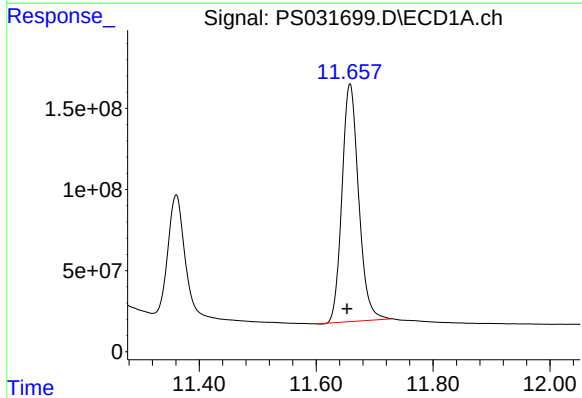
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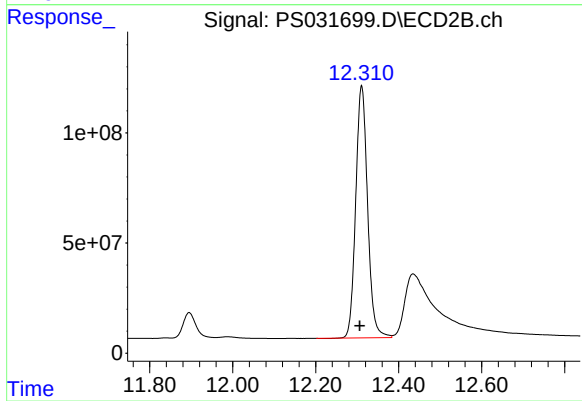
#15 Picloram

R.T.: 12.435 min
Delta R.T.: 0.000 min
Response: 1684410028
Conc: 71.12 ng/ml



#16 DCPA

R.T.: 11.658 min
Delta R.T.: 0.005 min
Response: 2902848972
Conc: 107.71 ng/ml



#16 DCPA

R.T.: 12.311 min
Delta R.T.: 0.005 min
Response: 2271231538
Conc: 94.23 ng/ml