

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS102025\
 Data File : PS032097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 14:41
 Operator : AR\AJ
 Sample : Q3348-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WCS-TP1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 08:03:31 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	7.281	7.739	3210.1E6	572.4E6	673.404	520.225
Target Compounds							
1) T	Dalapon	2.647	2.673	778.6E6	655.2E6	100.758m	174.327m#
2) T	3,5-DICHL...	6.453	6.698	730.1E6	168.6E6	103.719	80.828m
3) T	4-Nitroph...	7.072	7.302	128.4E6	8170326	96.220m	5.384m#
5) T	DICAMBA	7.465	7.935	2675.6E6	1349.7E6	127.758	155.841m
6) T	MCPD	7.639	8.029	45365431	8456233	3.710m	3.407m
7) T	MCPA	7.789	8.274	108.6E6	22345498	7.379	5.923
8) T	DICHLORPROP	8.177	8.659	556.0E6	312.3E6	116.942	159.503 #
9) T	2,4-D	8.395	9.004	525.1E6	277.4E6	108.138m	133.483m
10) T	Pentachlo...	8.705	9.506	1888.1E6	1383.7E6	28.131	26.701
11) T	2,4,5-TP ...	9.285	9.891	2983.3E6	2097.9E6	105.634	104.505m
12) T	2,4,5-T	9.587	10.327	2812.1E6	2029.0E6	111.398m	118.343m
13) T	2,4-DB	10.184f	10.176f	53900960	15968153	17.386m	12.358m#
14) T	DINOSEB	11.335	11.282	160.1E6	154.1E6	7.178m	10.136m#
15) T	Picloram	11.201f	12.399	2425.9E6	3161.8E6	102.891m	94.971
16) T	DCPA	11.648	12.304	6639.7E6	5912.9E6	180.722	178.038

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

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ALS Vial : 6 Sample Multiplier: 1

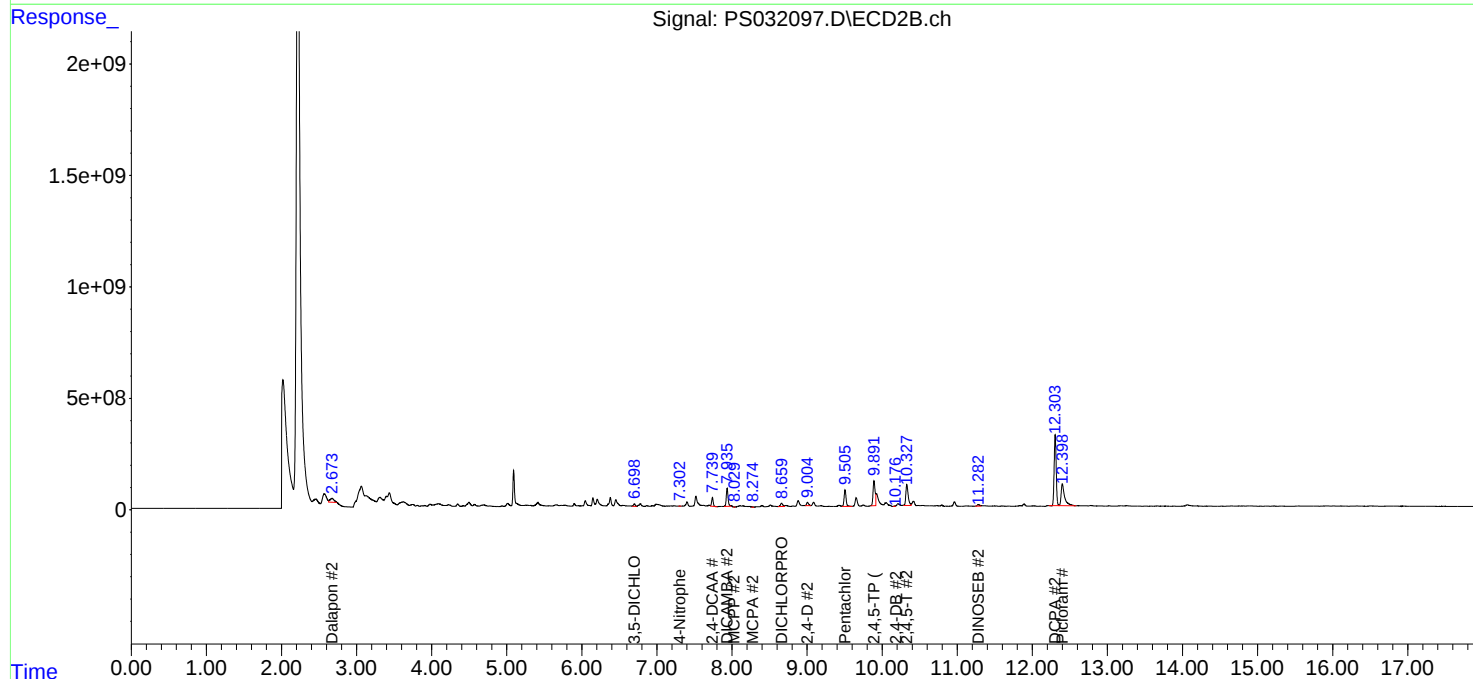
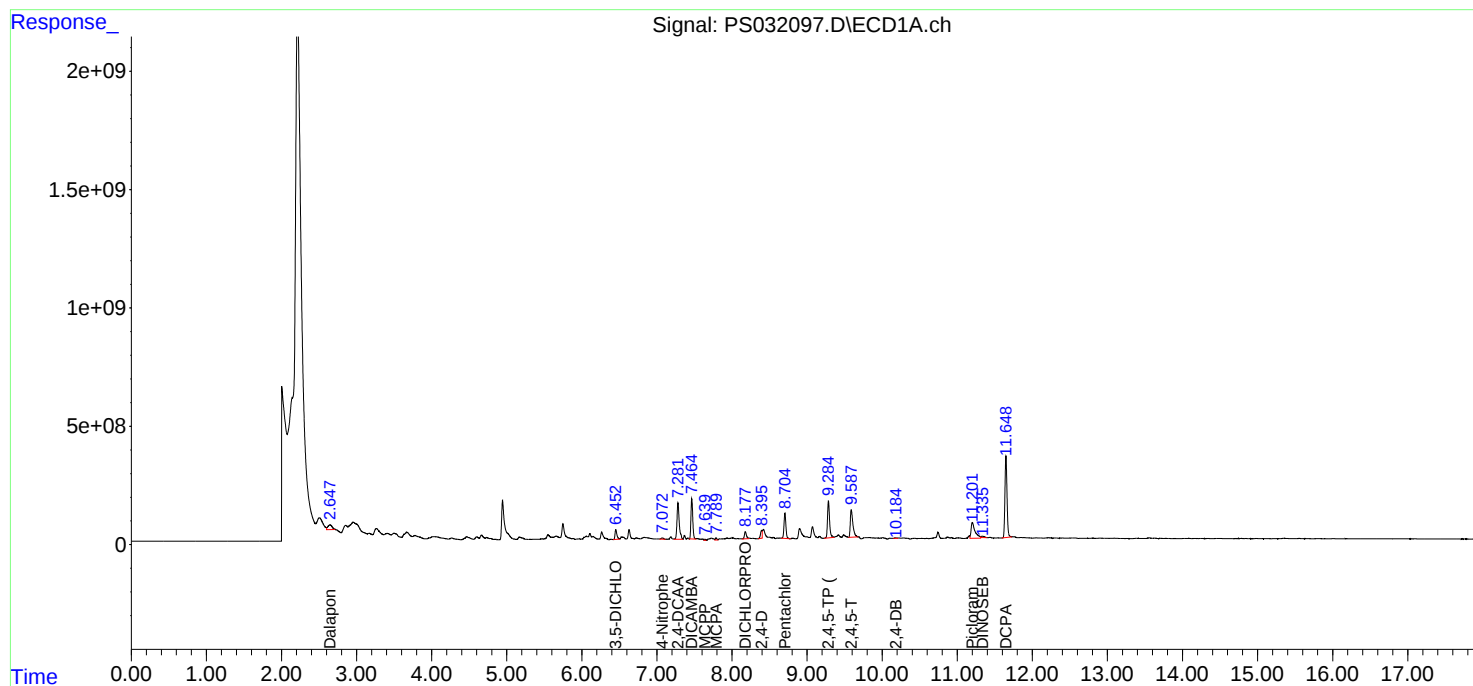
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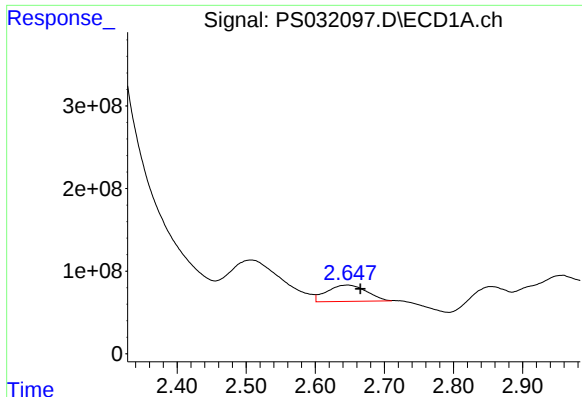
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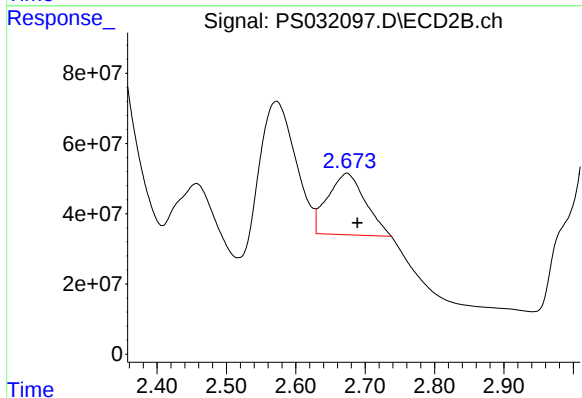
#1 Dalapon

R.T.: 2.647 min
Delta R.T.: -0.018 min
Response: 778611962
Conc: 100.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

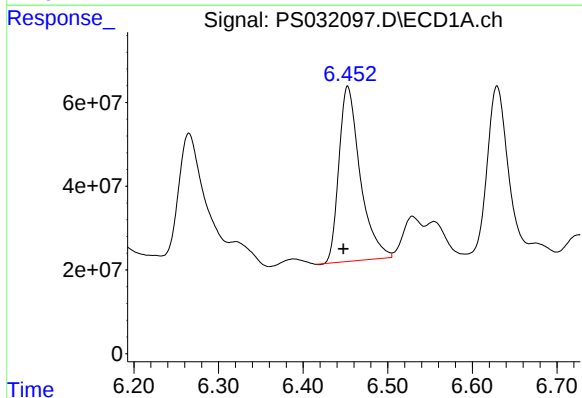
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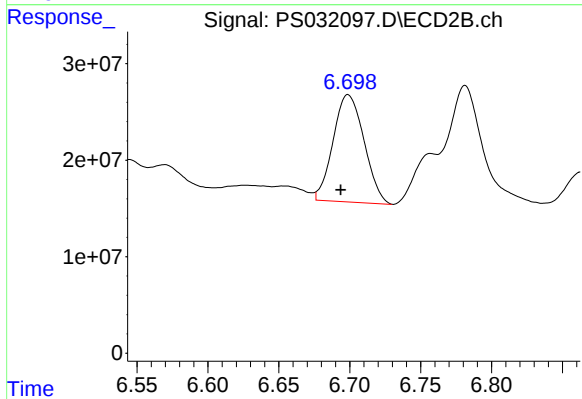
#1 Dalapon

R.T.: 2.673 min
Delta R.T.: -0.016 min
Response: 655167058
Conc: 174.33 ng/ml m



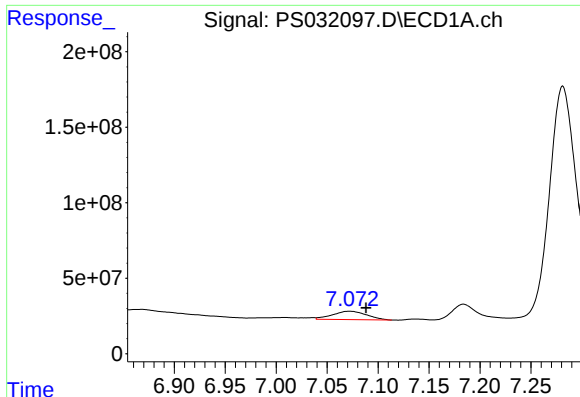
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.453 min
Delta R.T.: 0.005 min
Response: 730065087
Conc: 103.72 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.698 min
Delta R.T.: 0.005 min
Response: 168598388
Conc: 80.83 ng/ml m



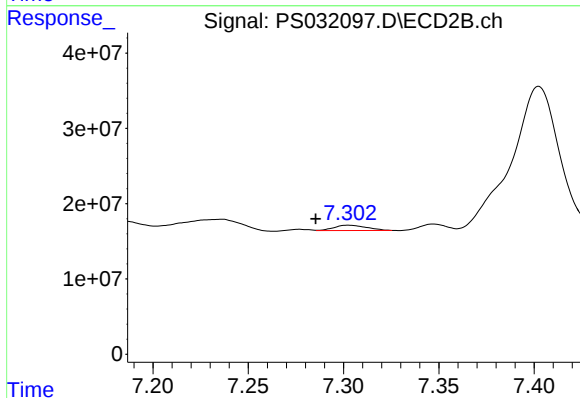
#3 4-Nitrophenol

R.T.: 7.072 min
Delta R.T.: -0.016 min
Response: 128423401
Conc: 96.22 ng/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

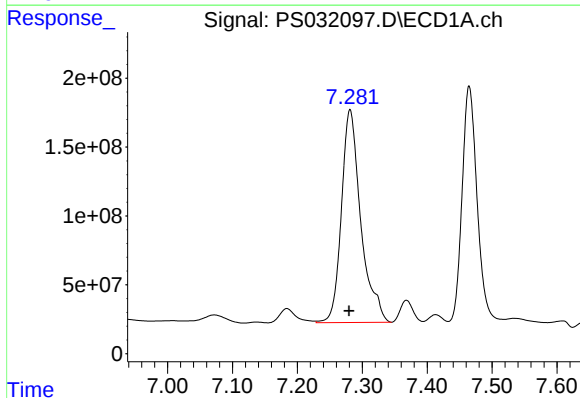
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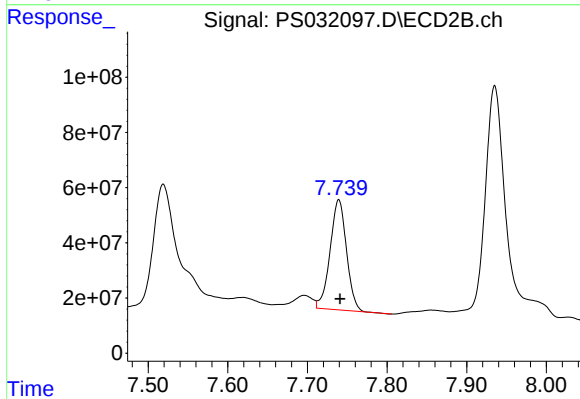
#3 4-Nitrophenol

R.T.: 7.302 min
Delta R.T.: 0.017 min
Response: 8170326
Conc: 5.38 ng/ml m



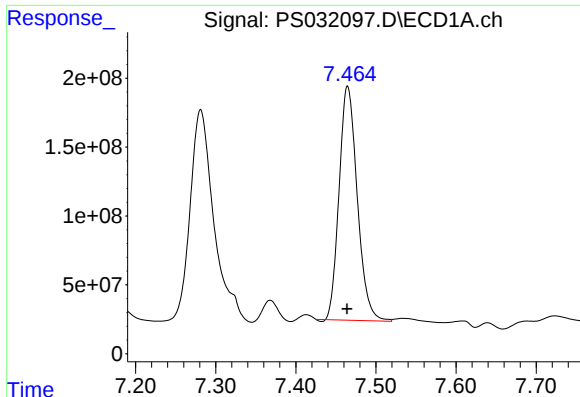
#4 2,4-DCAA

R.T.: 7.281 min
Delta R.T.: 0.002 min
Response: 3210141388
Conc: 673.40 ng/ml



#4 2,4-DCAA

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 572424033
Conc: 520.22 ng/ml



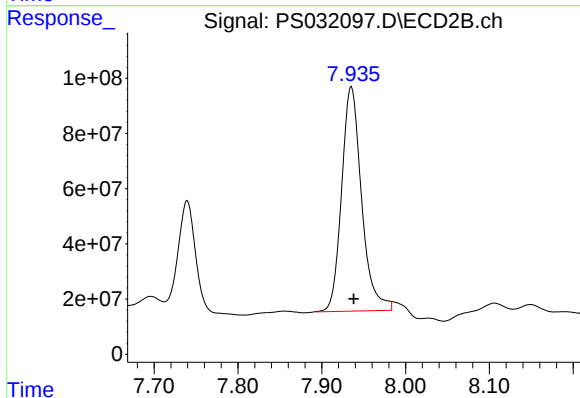
#5 DICAMBA

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 2675557794
Conc: 127.76 ng/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

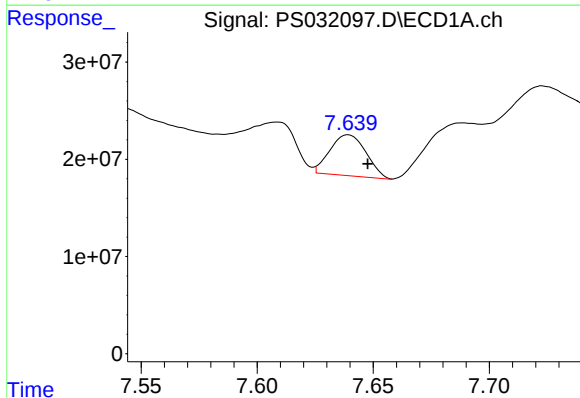
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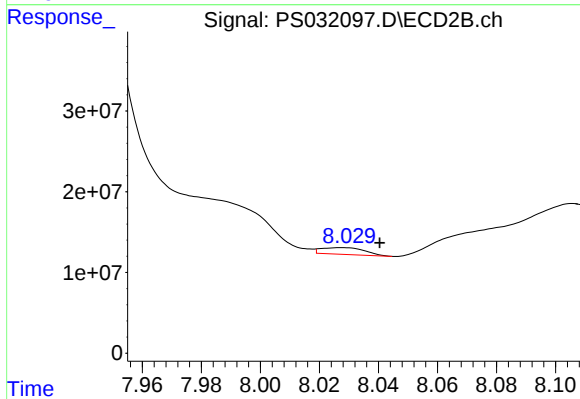
#5 DICAMBA

R.T.: 7.935 min
Delta R.T.: -0.004 min
Response: 1349725538
Conc: 155.84 ng/ml m



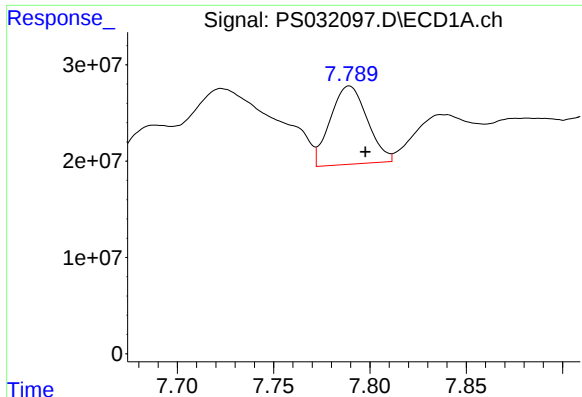
#6 MCPP

R.T.: 7.639 min
Delta R.T.: -0.008 min
Response: 45365431
Conc: 3.71 ug/ml m



#6 MCPP

R.T.: 8.029 min
Delta R.T.: -0.011 min
Response: 8456233
Conc: 3.41 ug/ml m



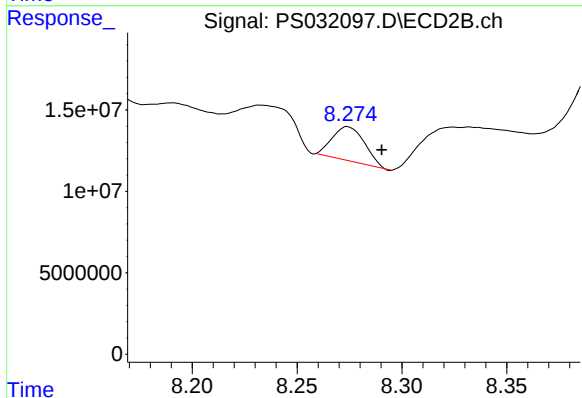
#7 MCPA

R.T.: 7.789 min
Delta R.T.: -0.008 min
Response: 108595243
Conc: 7.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
WCS-TP1MSD

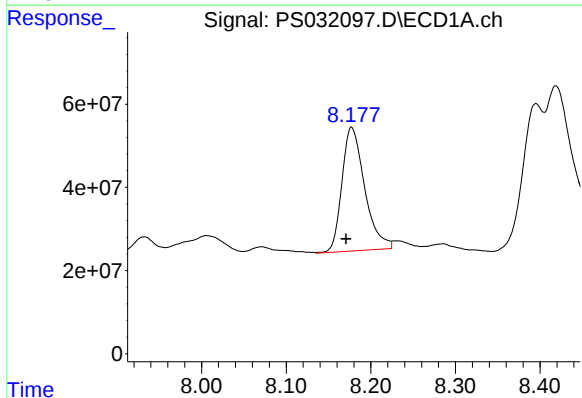
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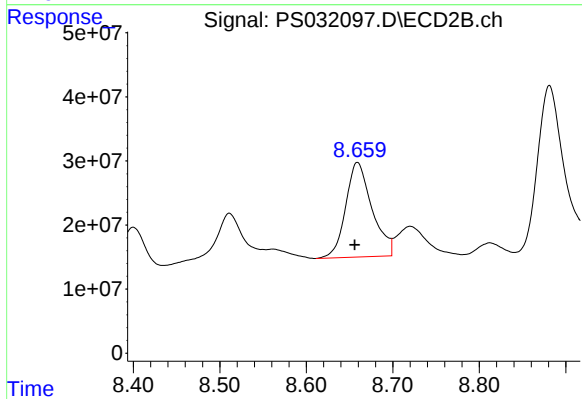
#7 MCPA

R.T.: 8.274 min
Delta R.T.: -0.016 min
Response: 22345498
Conc: 5.92 ug/ml



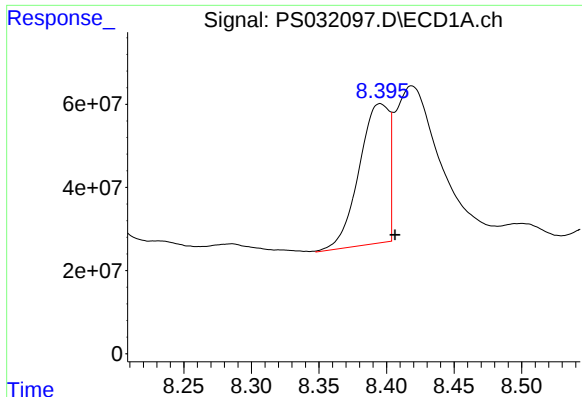
#8 DICHLORPROP

R.T.: 8.177 min
Delta R.T.: 0.007 min
Response: 555958948
Conc: 116.94 ng/ml



#8 DICHLORPROP

R.T.: 8.659 min
Delta R.T.: 0.003 min
Response: 312347970
Conc: 159.50 ng/ml



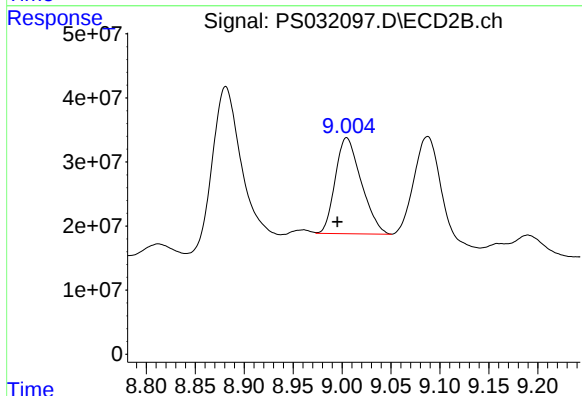
#9 2,4-D

R.T.: 8.395 min
Delta R.T.: -0.011 min
Response: 525105037
Conc: 108.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
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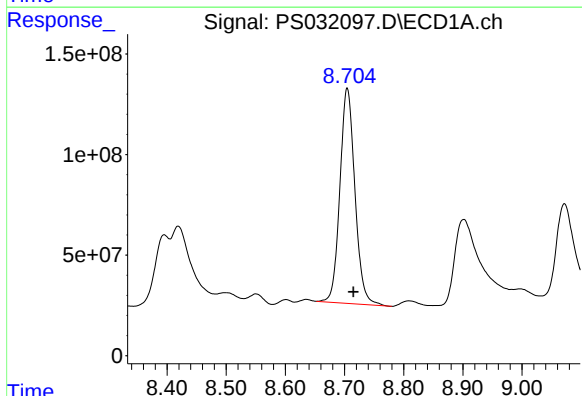
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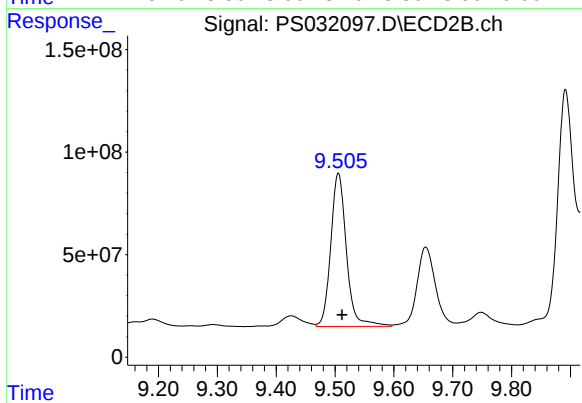
#9 2,4-D

R.T.: 9.004 min
Delta R.T.: 0.009 min
Response: 277417034
Conc: 133.48 ng/ml m



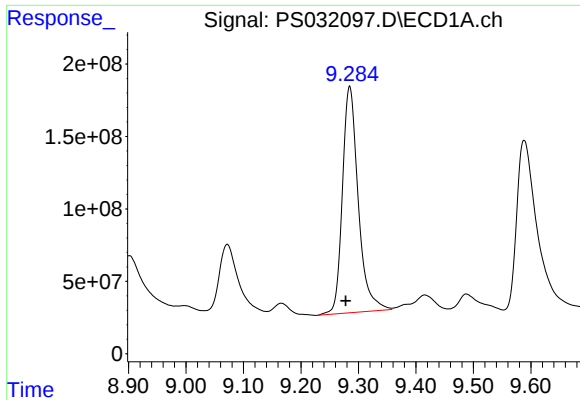
#10 Pentachlorophenol

R.T.: 8.705 min
Delta R.T.: -0.011 min
Response: 1888132721
Conc: 28.13 ng/ml



#10 Pentachlorophenol

R.T.: 9.506 min
Delta R.T.: -0.006 min
Response: 1383742846
Conc: 26.70 ng/ml



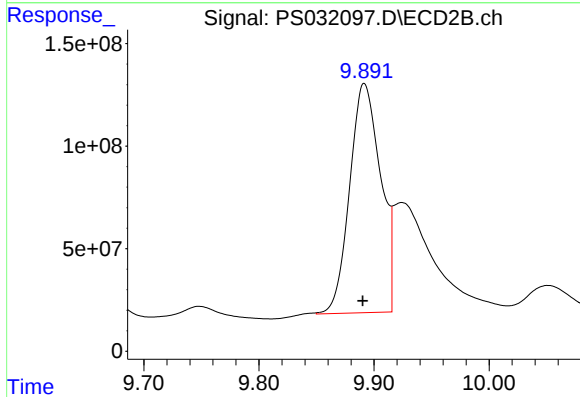
#11 2,4,5-TP (SILVEX)

R.T.: 9.285 min
Delta R.T.: 0.007 min
Response: 2983314638
Conc: 105.63 ng/ml

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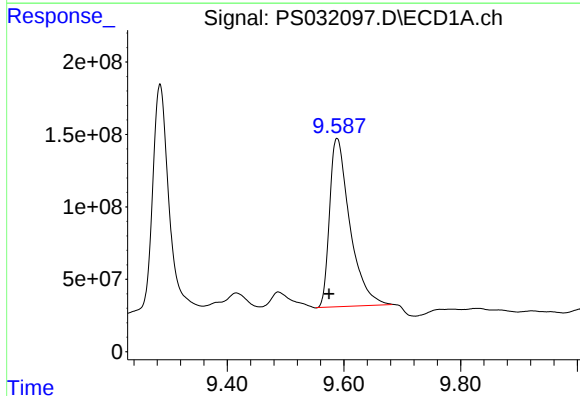
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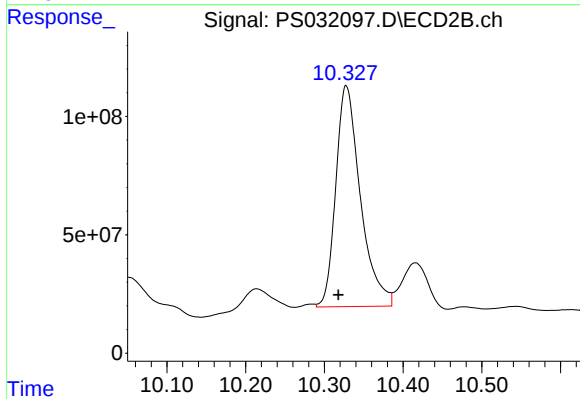
#11 2,4,5-TP (SILVEX)

R.T.: 9.891 min
Delta R.T.: 0.001 min
Response: 2097920357
Conc: 104.50 ng/ml m



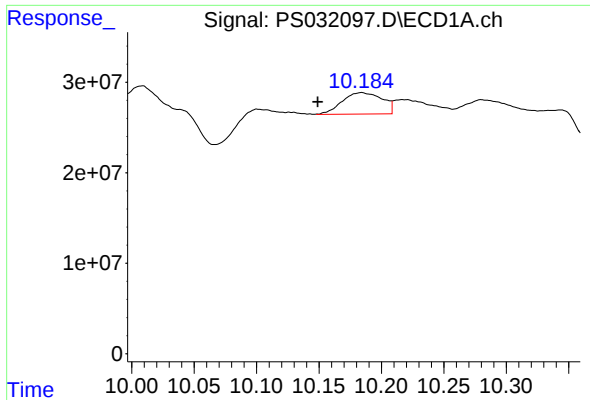
#12 2,4,5-T

R.T.: 9.587 min
Delta R.T.: 0.013 min
Response: 2812148632
Conc: 111.40 ng/ml m



#12 2,4,5-T

R.T.: 10.327 min
Delta R.T.: 0.009 min
Response: 2028951552
Conc: 118.34 ng/ml m



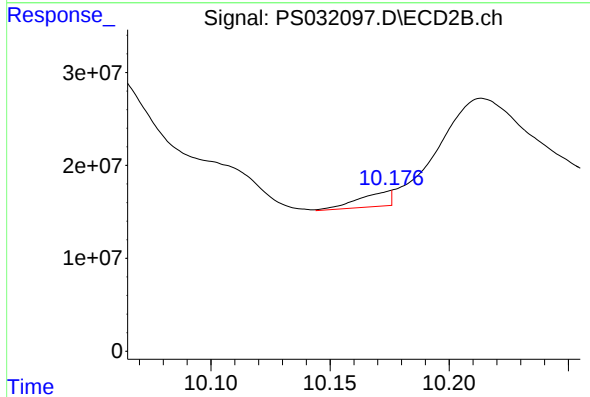
#13 2,4-DB

R.T.: 10.184 min
Delta R.T.: 0.035 min
Response: 53900960
Conc: 17.39 ng/ml

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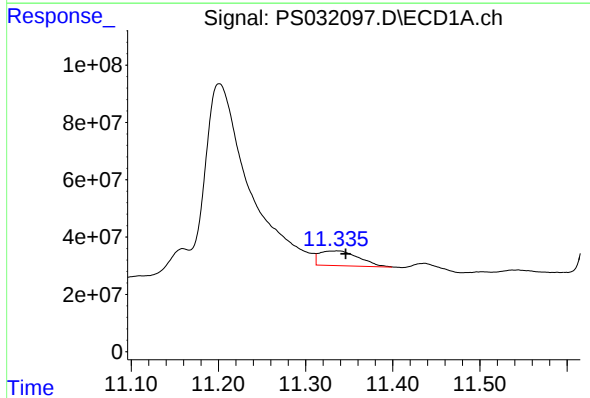
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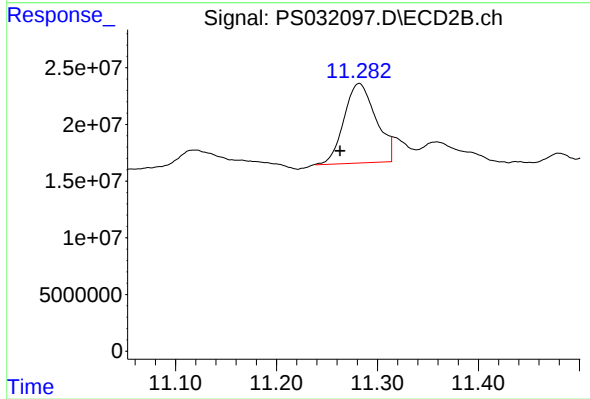
#13 2,4-DB

R.T.: 10.176 min
Delta R.T.: -0.709 min
Response: 15968153
Conc: 12.36 ng/ml m



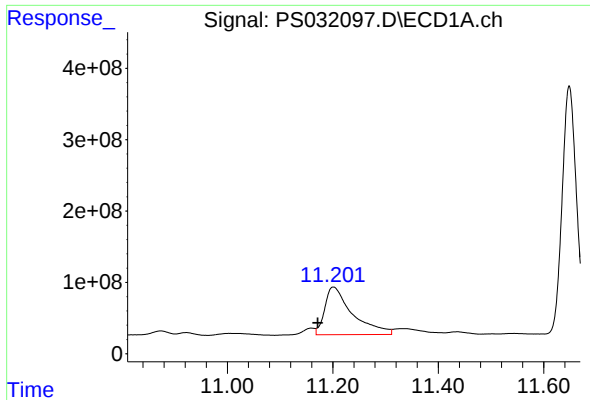
#14 DINOSEB

R.T.: 11.335 min
Delta R.T.: -0.011 min
Response: 160079353
Conc: 7.18 ng/ml m



#14 DINOSEB

R.T.: 11.282 min
Delta R.T.: 0.019 min
Response: 154100320
Conc: 10.14 ng/ml m



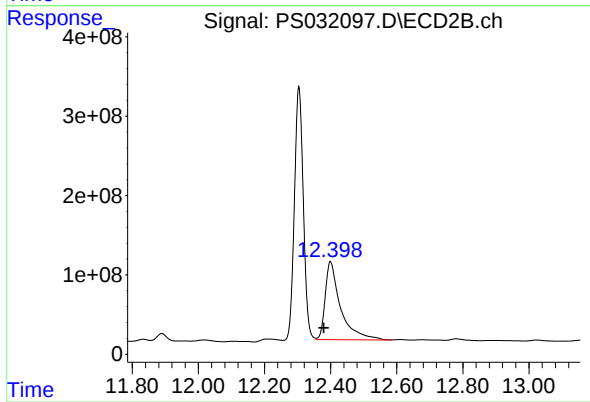
#15 Picloram

R.T.: 11.201 min
Delta R.T.: 0.029 min
Response: 2425948841
Conc: 102.89 ng/ml

Instrument :
ECD_S
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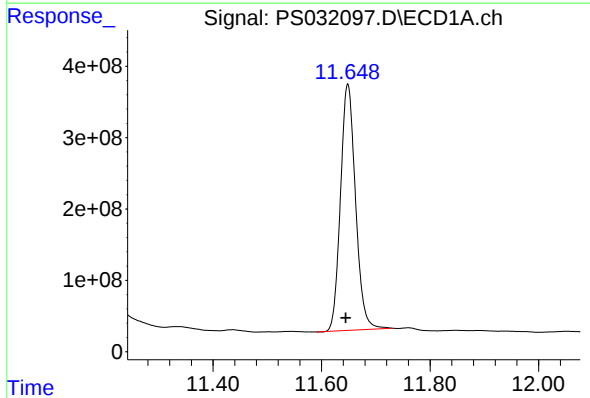
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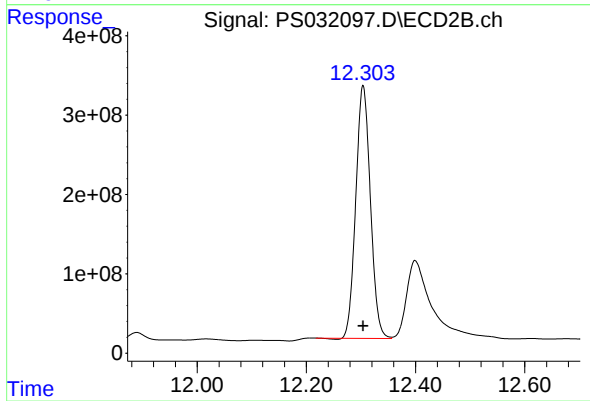
#15 Picloram

R.T.: 12.399 min
Delta R.T.: 0.020 min
Response: 3161783444
Conc: 94.97 ng/ml



#16 DCPA

R.T.: 11.648 min
Delta R.T.: 0.004 min
Response: 6639748244
Conc: 180.72 ng/ml



#16 DCPA

R.T.: 12.304 min
Delta R.T.: 0.000 min
Response: 5912943161
Conc: 178.04 ng/ml