

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS060225\
 Data File : PS030447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2025 14:33
 Operator : AR\AJ
 Sample : Q2136-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 OR-646-COMP-52MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2025
 Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 03:19:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS060225.M
 Quant Title : 8080.M
 QLast Update : Mon Jun 02 12:26:05 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 x 0.5 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	6.735	7.301	2306.2E6	599.6E6	569.089	471.205m
Target Compounds							
1) T	Dalapon	2.304	2.413	842.3E6	2563.3E6	126.618m	737.849m#
2) T	3,5-DICHL...	5.967	6.320	2725.8E6	897.6E6	453.320	504.532
3) T	4-Nitroph...	6.527	6.838	29179641	20037745	12.536m	12.492m
5) T	DICAMBA	6.904	7.482	6962.6E6	3440.2E6	402.792	434.921
6) T	MCPD	7.081	7.592	457.8E6	105.3E6	41.427m	34.895
7) T	MCPA	7.221	7.817	525.0E6	196.2E6	37.079	48.424m#
8) T	DICHLORPROP	7.571	8.168	1826.9E6	1016.2E6	442.110	538.963
9) T	2,4-D	7.786	8.476	2245.0E6	1001.5E6	513.343	488.909
10) T	Pentachlo...	8.050	8.963	30537.1E6	18912.1E6	521.957	472.861
11) T	2,4,5-TP ...	8.609	9.345	11522.5E6	7841.0E6	468.073	479.094
12) T	2,4,5-T	8.886	9.743	10403.8E6	6716.1E6	465.507	454.870
13) T	2,4-DB	9.435	10.297	1374.0E6	642.6E6	392.145	467.558
14) T	DINOSEB	10.574	10.664	6961.1E6	5370.9E6	373.313	473.755 #
15) T	Picloram	10.396	11.682	10579.4E6	10619.7E6	384.818	424.545m
16) T	DCPA	10.874	11.682	13927.5E6	9517.4E6	453.860	433.872m

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

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Operator : AR\AJ
Sample : Q2136-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

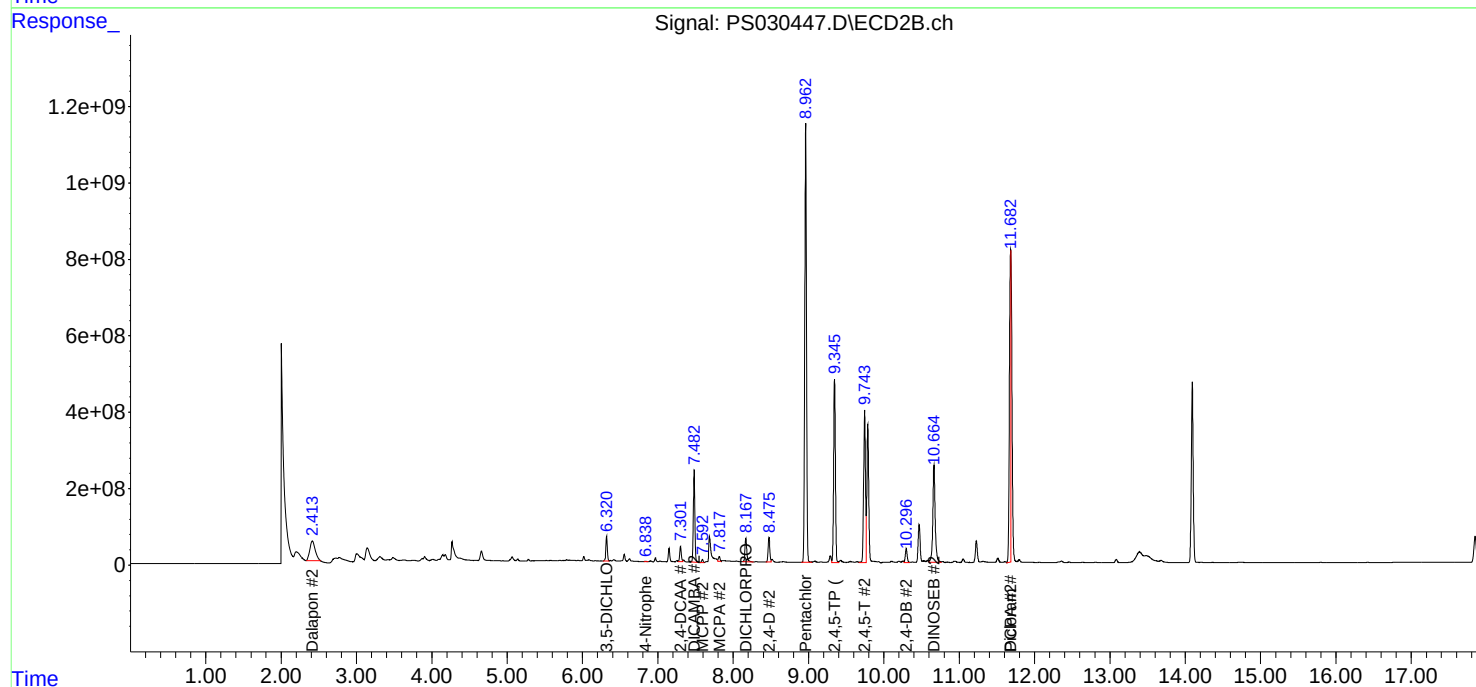
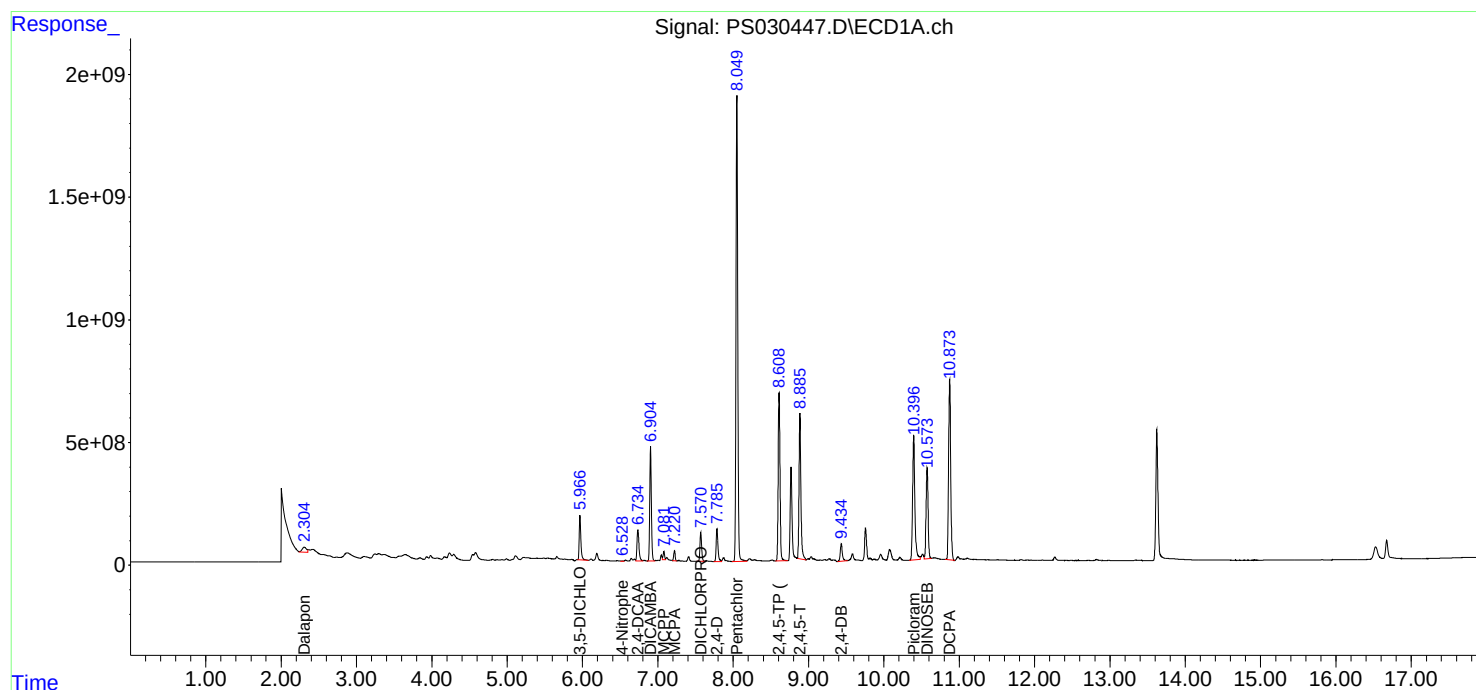
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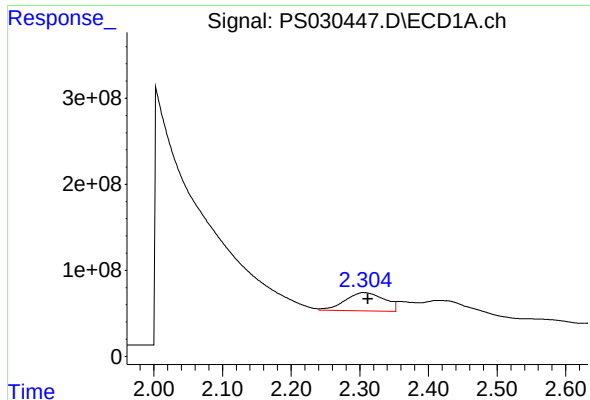
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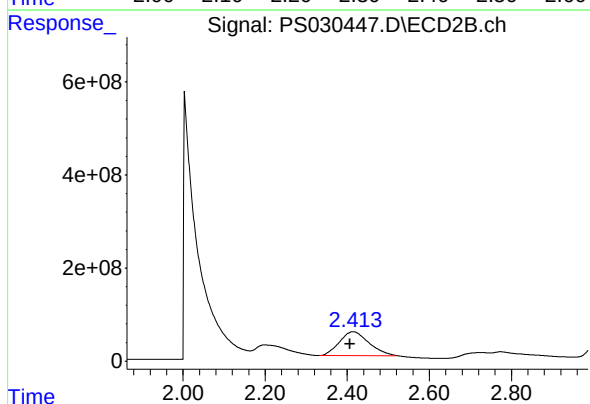
#1 Dalapon

R.T.: 2.304 min
Delta R.T.: -0.008 min
Response: 842257532
Conc: 126.62 ng/ml

Instrument :
ECD_S
ClientSampleId :
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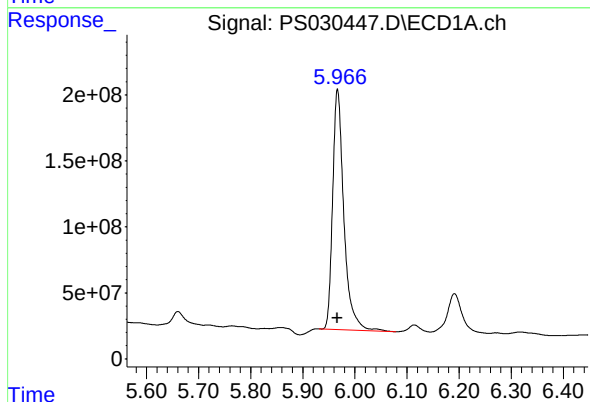
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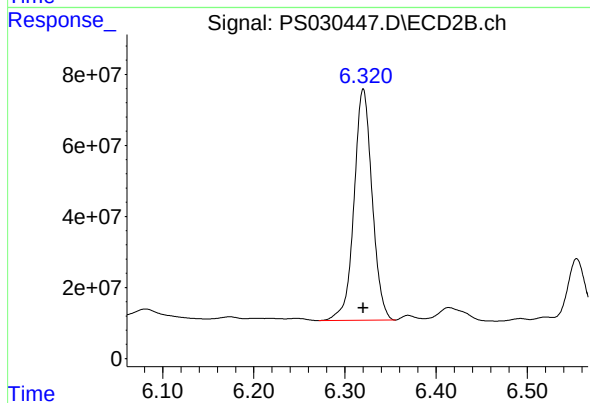
#1 Dalapon

R.T.: 2.413 min
Delta R.T.: 0.006 min
Response: 2563318342
Conc: 737.85 ng/ml m



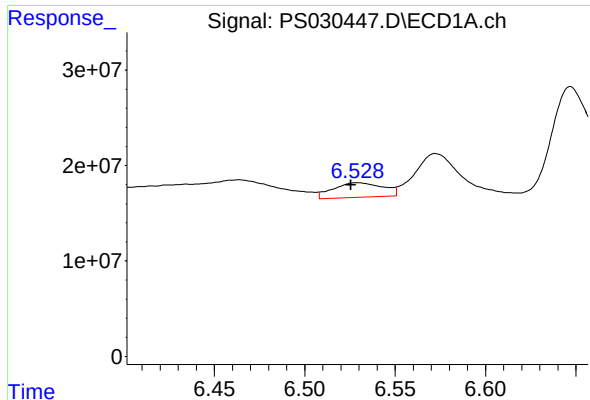
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 2725780141
Conc: 453.32 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 897560728
Conc: 504.53 ng/ml



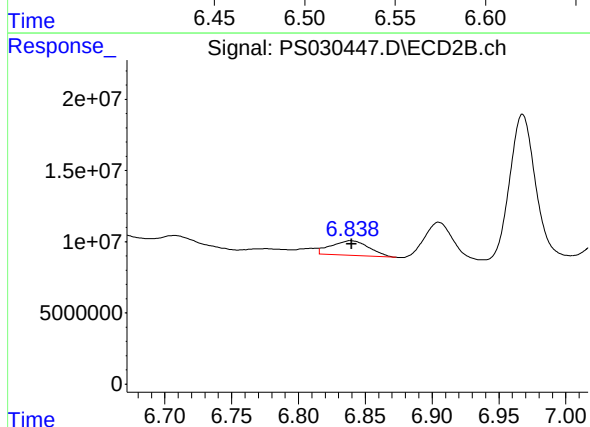
#3 4-Nitrophenol

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 29179641
Conc: 12.54 ng/ml

Instrument :
ECD_S
ClientSampleId :
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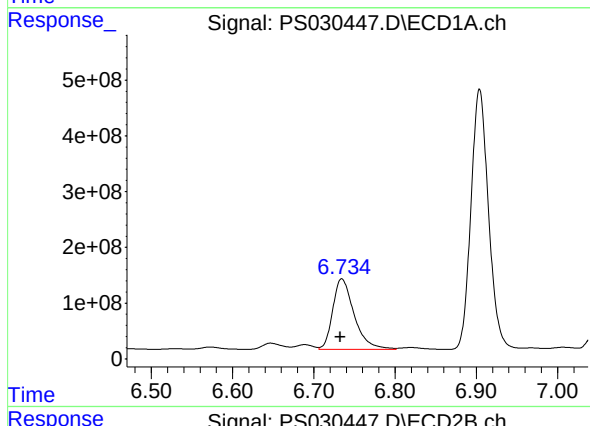
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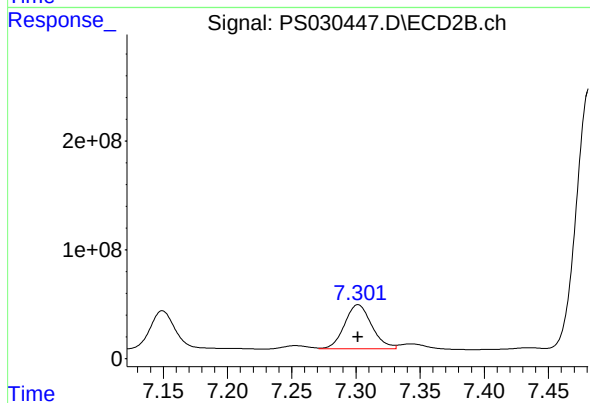
#3 4-Nitrophenol

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 20037745
Conc: 12.49 ng/ml



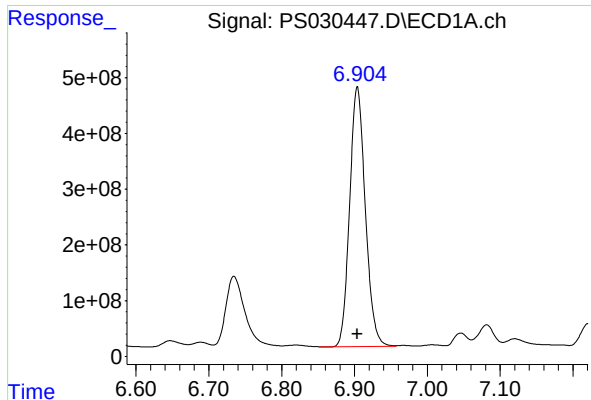
#4 2,4-DCAA

R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 2306190813
Conc: 569.09 ng/ml



#4 2,4-DCAA

R.T.: 7.301 min
Delta R.T.: 0.000 min
Response: 599591053
Conc: 471.20 ng/ml



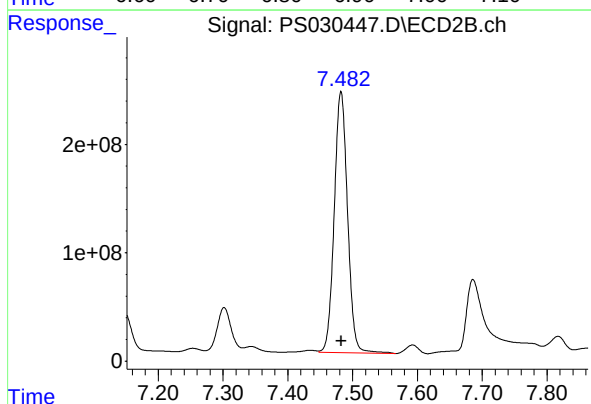
#5 DICAMBA

R.T.: 6.904 min
Delta R.T.: 0.000 min
Response: 6962608096
Conc: 402.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-646-COMP-52MSD

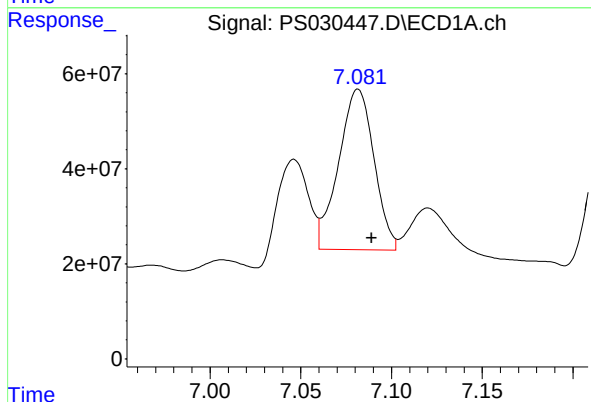
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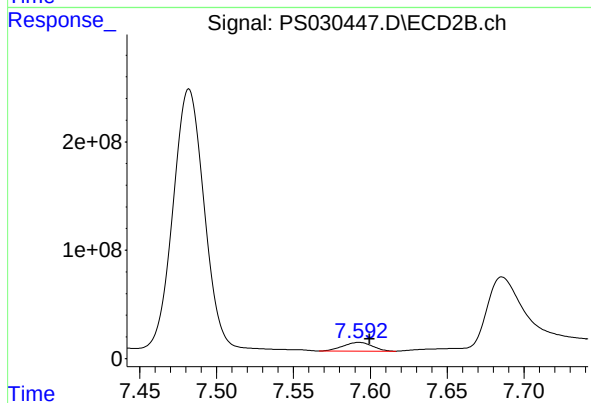
#5 DICAMBA

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 3440218869
Conc: 434.92 ng/ml



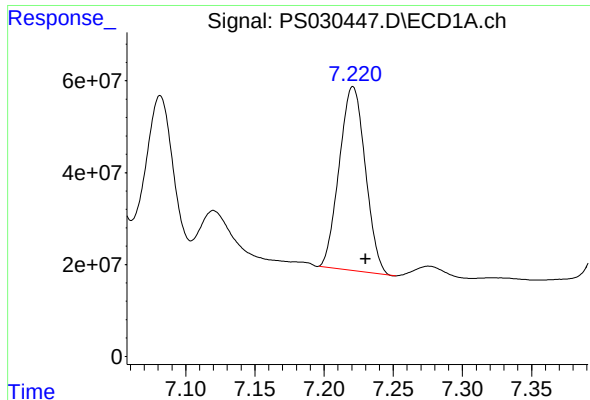
#6 MCP

R.T.: 7.081 min
Delta R.T.: -0.008 min
Response: 457833227
Conc: 41.43 ug/ml m



#6 MCP

R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 105332351
Conc: 34.89 ug/ml



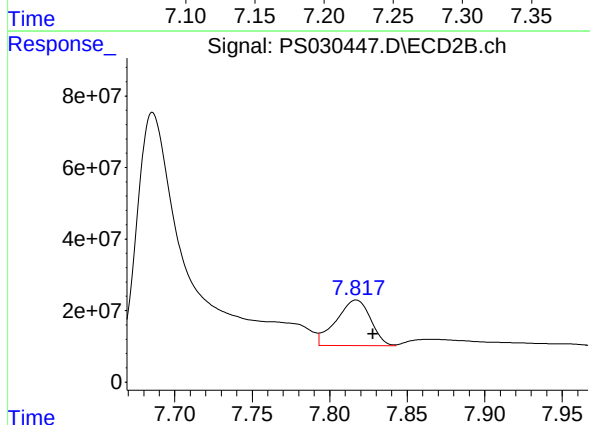
#7 MCPA

R.T.: 7.221 min
Delta R.T.: -0.009 min
Response: 525023051
Conc: 37.08 ug/ml

Instrument :
ECD_S
ClientSampleId :
OR-646-COMP-52MSD

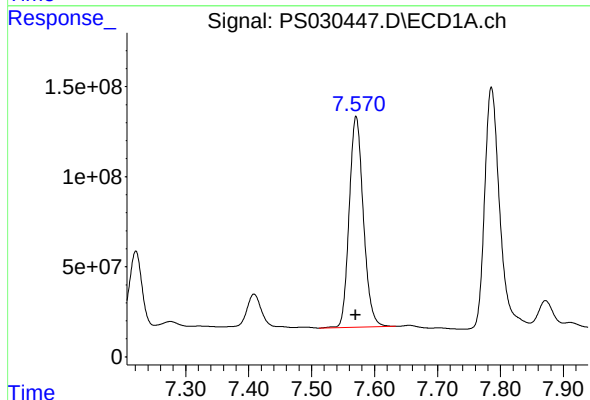
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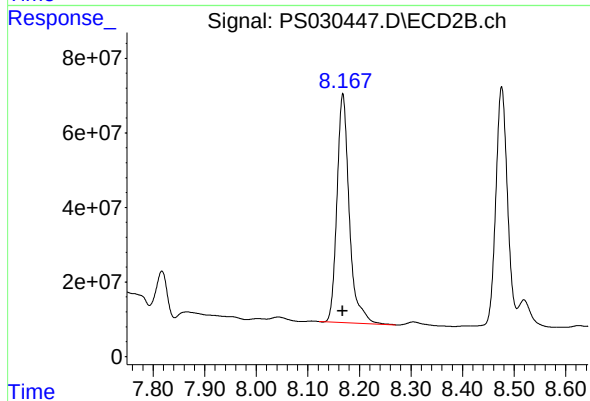
#7 MCPA

R.T.: 7.817 min
Delta R.T.: -0.011 min
Response: 196209825
Conc: 48.42 ug/ml



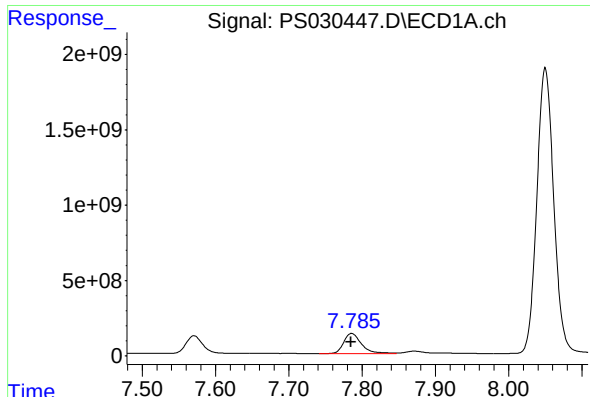
#8 DICHLORPROP

R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 1826877701
Conc: 442.11 ng/ml



#8 DICHLORPROP

R.T.: 8.168 min
Delta R.T.: 0.000 min
Response: 1016190570
Conc: 538.96 ng/ml



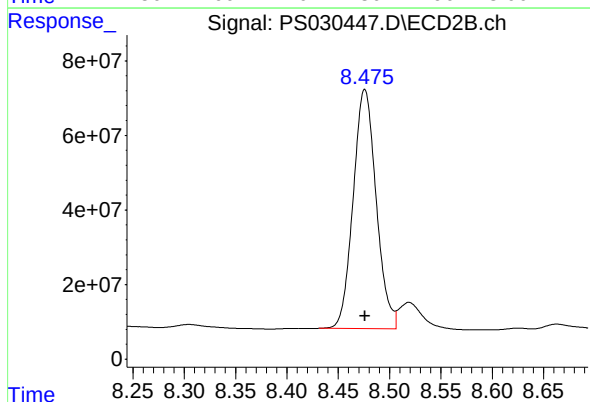
#9 2,4-D

R.T.: 7.786 min
Delta R.T.: 0.000 min
Response: 2245017303
Conc: 513.34 ng/ml

Instrument :
ECD_S
ClientSampleId :
OR-646-COMP-52MSD

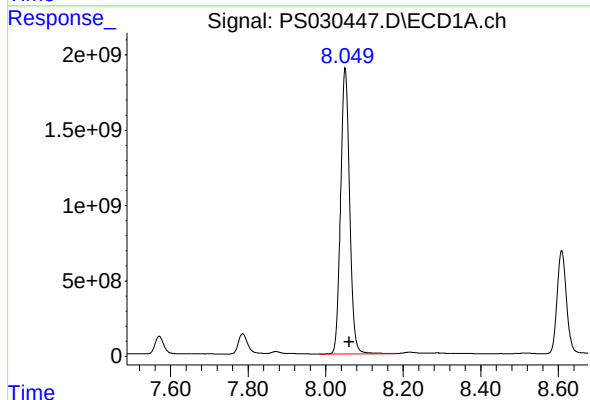
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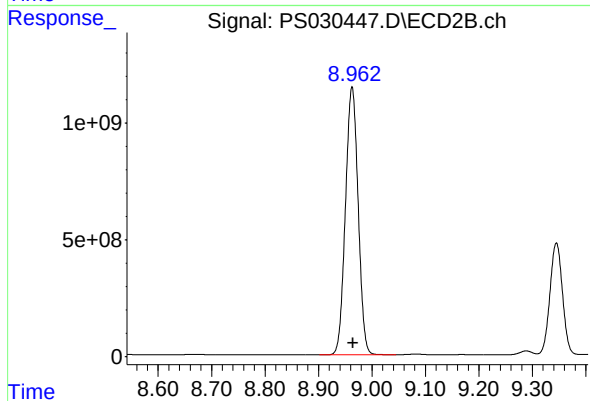
#9 2,4-D

R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 1001484552
Conc: 488.91 ng/ml



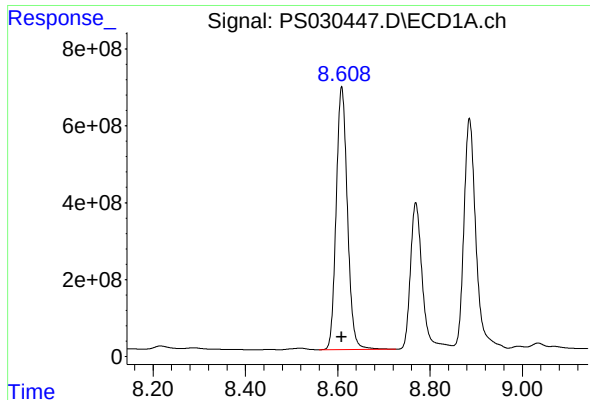
#10 Pentachlorophenol

R.T.: 8.050 min
Delta R.T.: -0.011 min
Response: 30537091547
Conc: 521.96 ng/ml



#10 Pentachlorophenol

R.T.: 8.963 min
Delta R.T.: -0.002 min
Response: 18912137610
Conc: 472.86 ng/ml



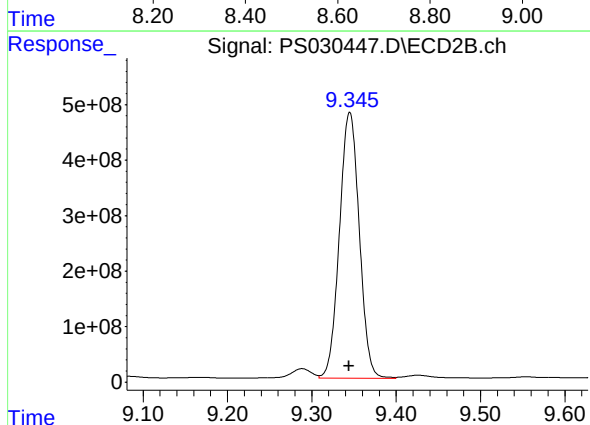
#11 2,4,5-TP (SILVEX)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 11522536443
Conc: 468.07 ng/ml

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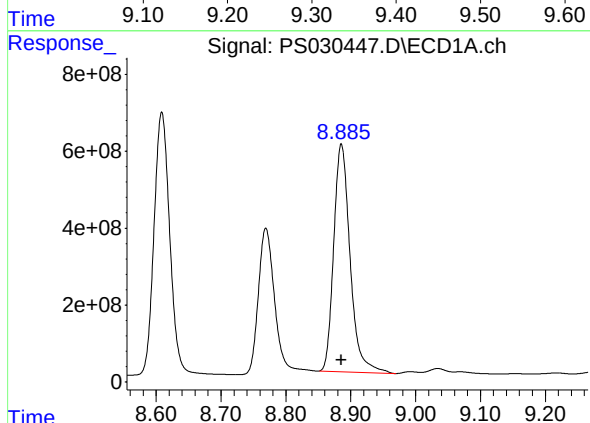
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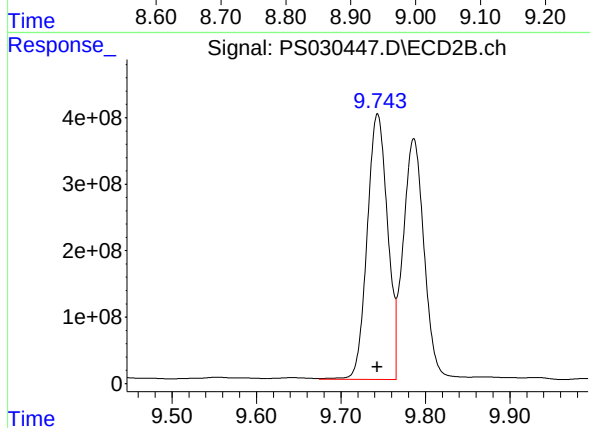
#11 2,4,5-TP (SILVEX)

R.T.: 9.345 min
Delta R.T.: 0.000 min
Response: 7841035312
Conc: 479.09 ng/ml



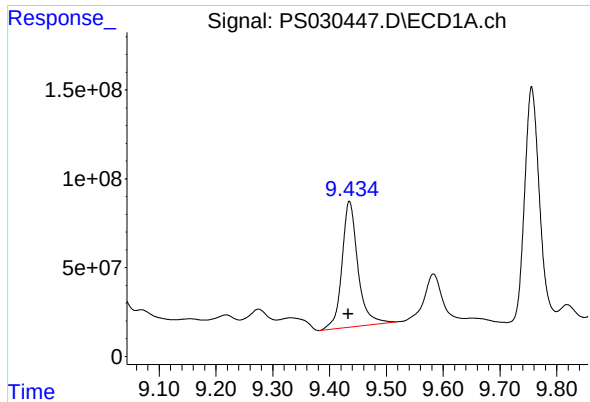
#12 2,4,5-T

R.T.: 8.886 min
Delta R.T.: 0.000 min
Response: 10403809365
Conc: 465.51 ng/ml



#12 2,4,5-T

R.T.: 9.743 min
Delta R.T.: 0.000 min
Response: 6716138021
Conc: 454.87 ng/ml



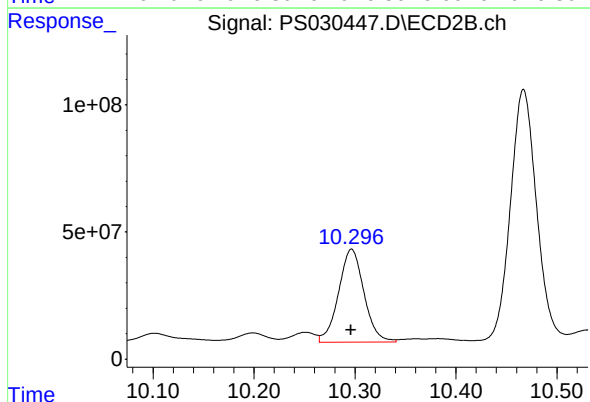
#13 2,4-DB

R.T.: 9.435 min
Delta R.T.: 0.002 min
Response: 1374040925
Conc: 392.14 ng/ml

Instrument :
ECD_S
ClientSampleId :
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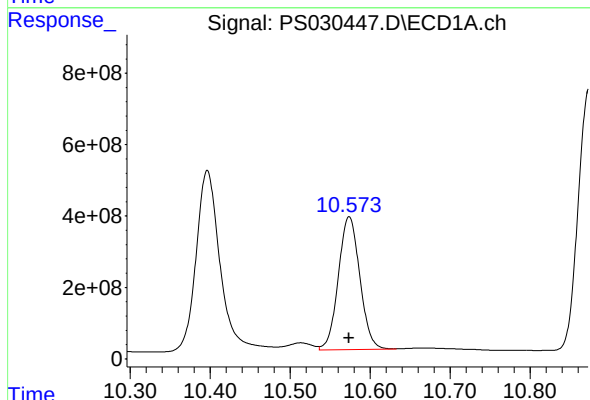
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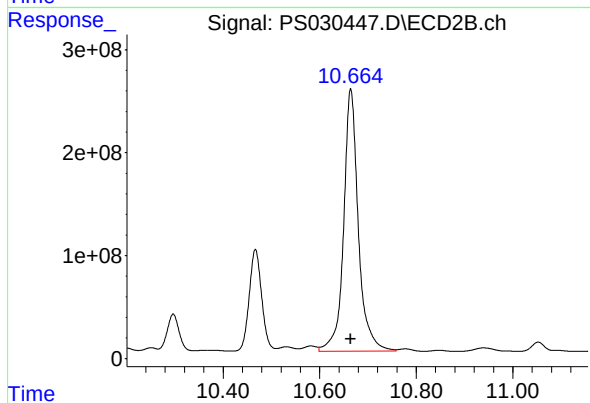
#13 2,4-DB

R.T.: 10.297 min
Delta R.T.: 0.000 min
Response: 642613078
Conc: 467.56 ng/ml



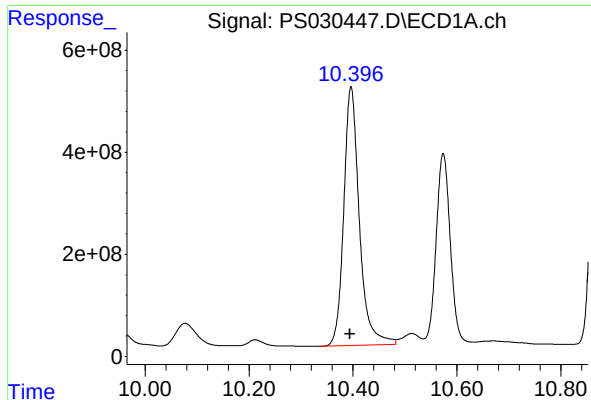
#14 DINOSEB

R.T.: 10.574 min
Delta R.T.: 0.000 min
Response: 6961086646
Conc: 373.31 ng/ml



#14 DINOSEB

R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 5370938252
Conc: 473.75 ng/ml



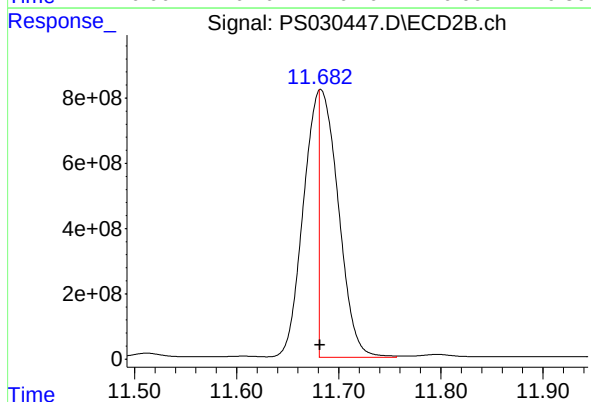
#15 Picloram

R.T.: 10.396 min
Delta R.T.: 0.002 min
Response: 10579426524
Conc: 384.82 ng/ml

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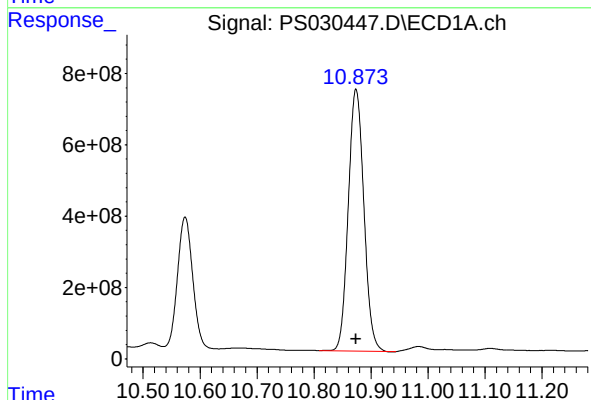
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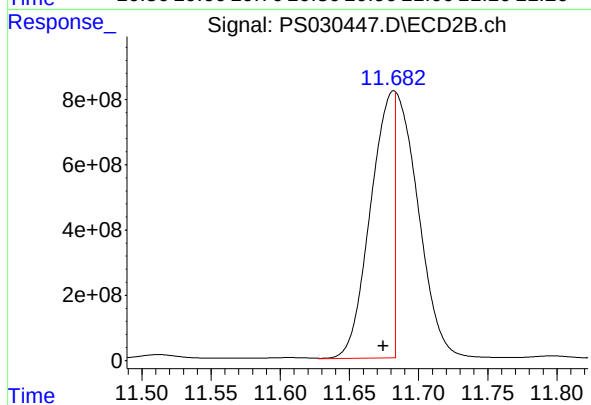
#15 Picloram

R.T.: 11.682 min
Delta R.T.: 0.000 min
Response: 10619732456
Conc: 424.54 ng/ml m



#16 DCPA

R.T.: 10.874 min
Delta R.T.: 0.000 min
Response: 13927549346
Conc: 453.86 ng/ml



#16 DCPA

R.T.: 11.682 min
Delta R.T.: 0.007 min
Response: 9517373956
Conc: 433.87 ng/ml m