

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
 Data File : PS031698.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 14:51
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : LOD SOIL 100PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-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 02:54:29 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	7.292	7.748	1400.3E6	422.5E6	388.809	464.899
Target Compounds							
1) T	Dalapon	2.672	2.688	665.7E6	311.3E6	115.156	110.467
2) T	3,5-DICHL...	6.464	6.714	575.2E6	152.0E6	107.848	99.670
3) T	4-Nitroph...	7.154	7.404	81079498	106.4E6	73.494m	84.292m
5) T	DICAMBA	7.475	7.942	1645.6E6	574.4E6	105.511	88.281m
6) T	MCPD	7.646	8.032	51778455	9021567	5.792m	4.790
7) T	MCPA	7.797	8.278	59596658	18583009	5.364	6.634m
8) T	DICHLORPROP	8.188	8.668	416.3E6	155.1E6	116.888	106.616
9) T	2,4-D	8.444	9.040	412.6E6	135.9E6	120.456m	82.631m#
10) T	Pentachlo...	8.713	9.511	6149.4E6	3766.6E6	115.822	94.900
11) T	2,4,5-TP ...	9.296	9.902	2275.1E6	1456.3E6	108.476	96.739
12) T	2,4,5-T	9.606	10.348	1718.3E6	1037.7E6	93.908	77.112
13) T	2,4-DB	10.190	10.925	168.3E6	86884185	72.128	81.197m
14) T	DINOSEB	11.361	11.270	1850.0E6	1079.1E6	128.271	111.006
15) T	Picloram	11.239	12.435	1108.6E6	1696.5E6	61.549m	71.633
16) T	DCPA	11.660	12.310	2925.5E6	2291.9E6	108.554	95.082

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

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Operator : AR\AJ
Sample : Q2893-01
Misc : LOD SOIL 100PPB
ALS Vial : 4 Sample Multiplier: 1

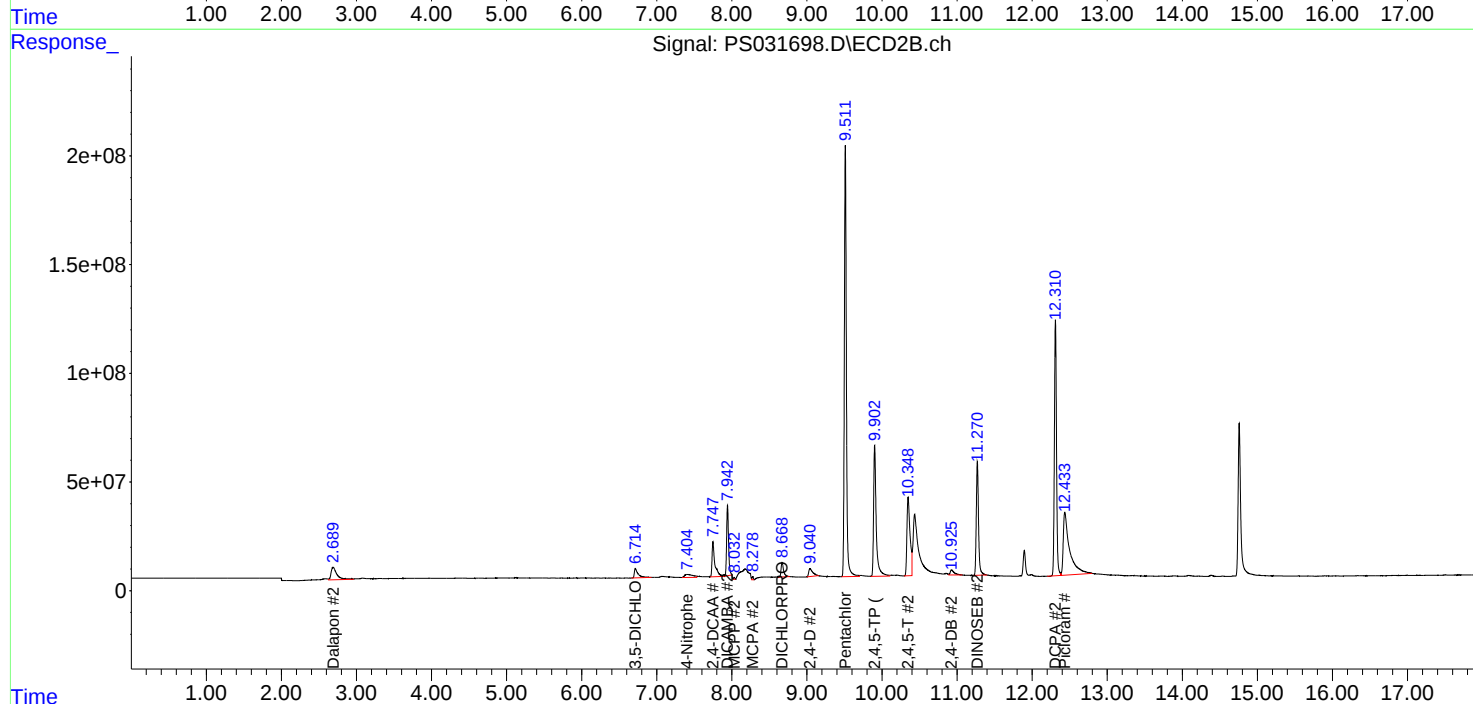
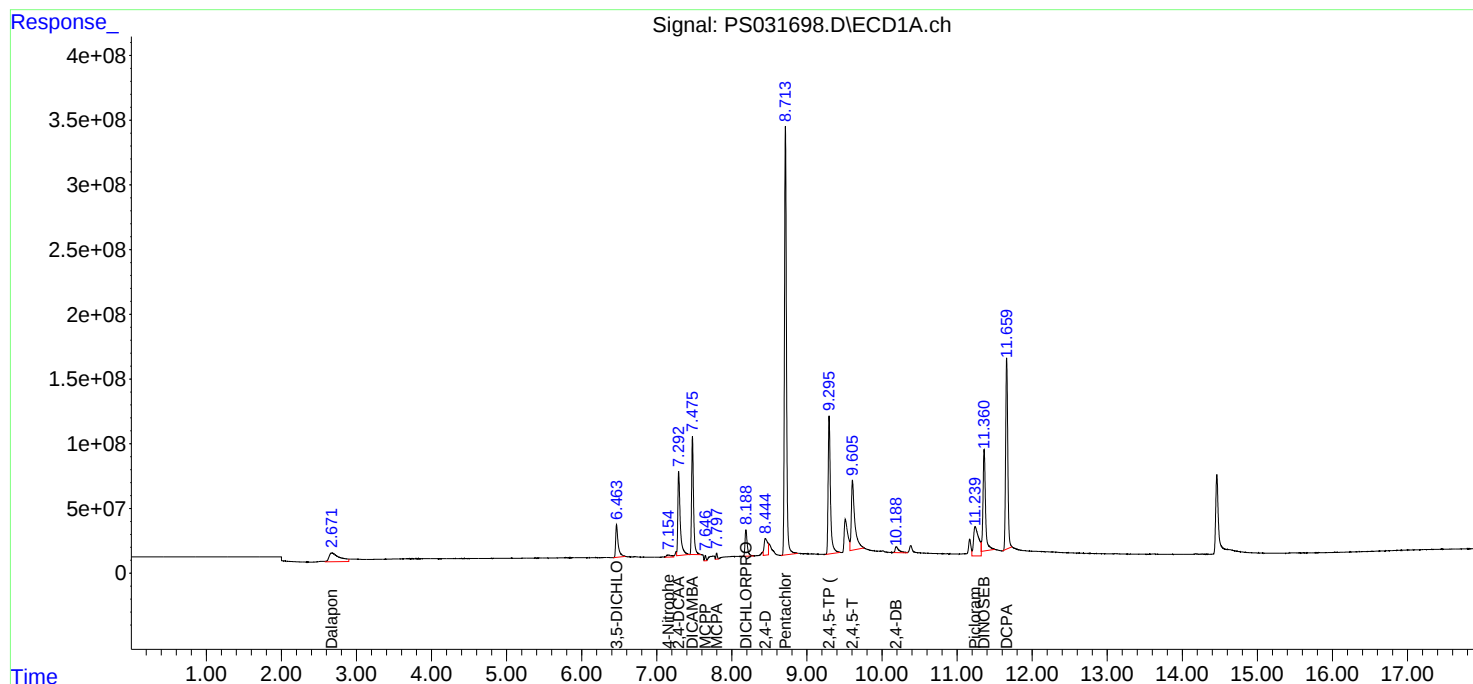
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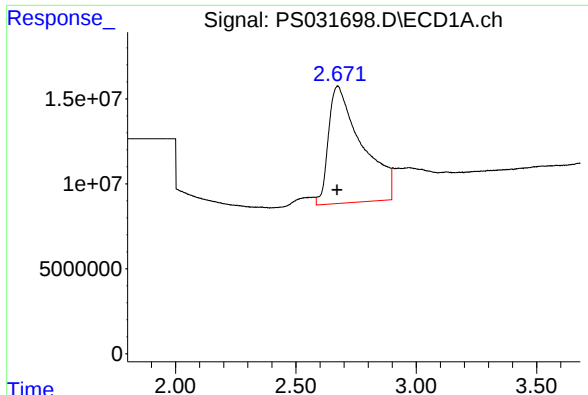
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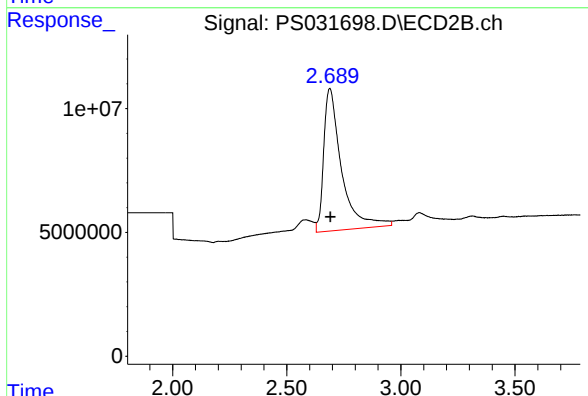
#1 Dalapon

R.T.: 2.672 min
Delta R.T.: 0.001 min
Response: 665687138
Conc: 115.16 ng/ml

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

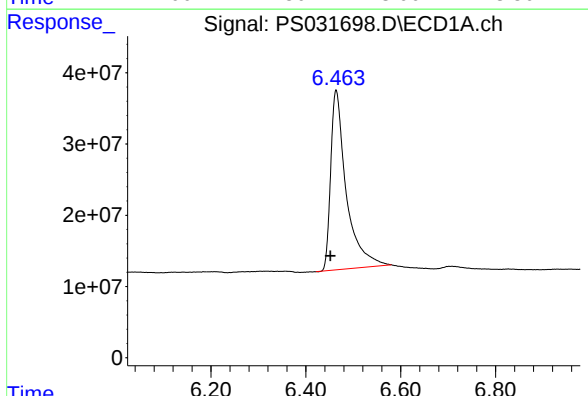
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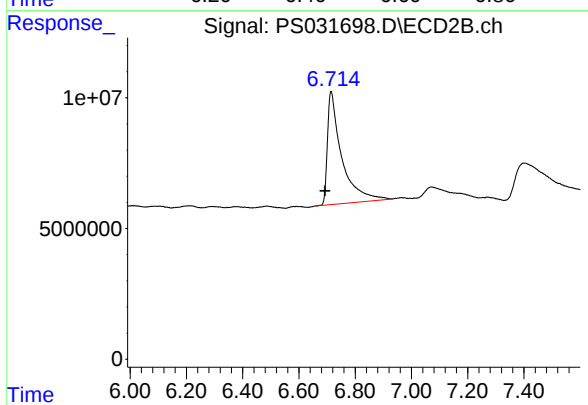
#1 Dalapon

R.T.: 2.688 min
Delta R.T.: -0.004 min
Response: 311253633
Conc: 110.47 ng/ml



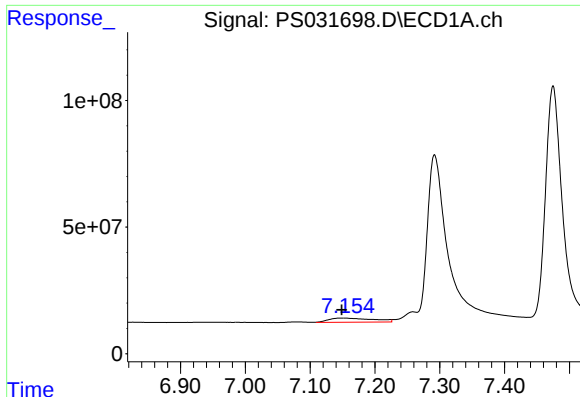
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.464 min
Delta R.T.: 0.012 min
Response: 575192054
Conc: 107.85 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: 0.021 min
Response: 151994013
Conc: 99.67 ng/ml



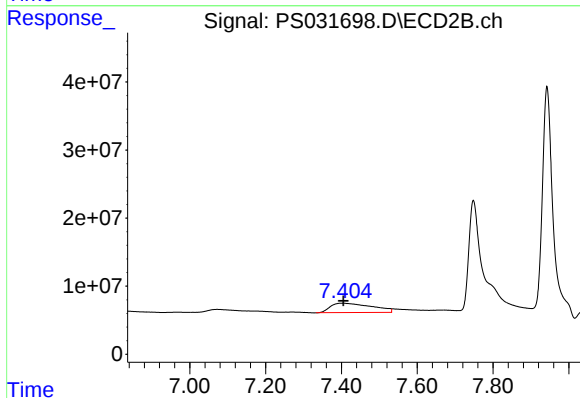
#3 4-Nitrophenol

R.T.: 7.154 min
Delta R.T.: 0.005 min
Response: 81079498
Conc: 73.49 ng/ml

Instrument :
ECD_S
ClientSampleId :
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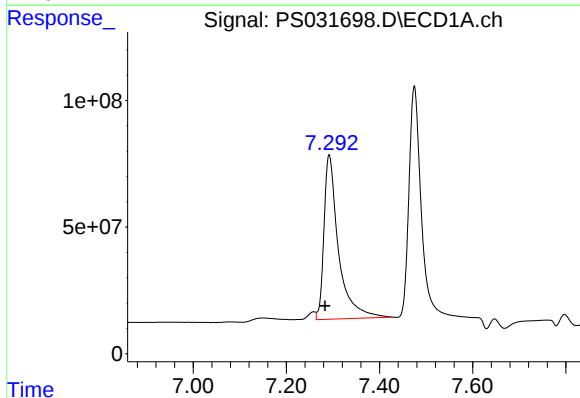
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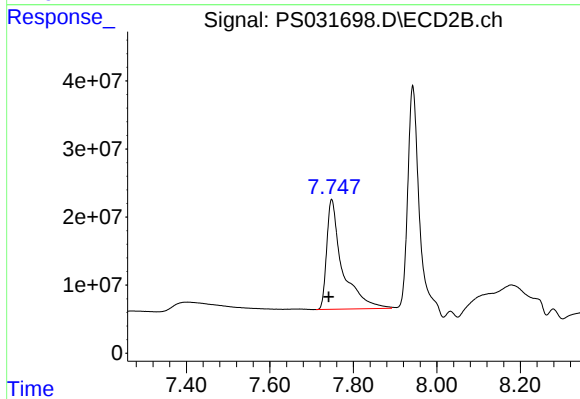
#3 4-Nitrophenol

R.T.: 7.404 min
Delta R.T.: -0.001 min
Response: 106443206
Conc: 84.29 ng/ml m



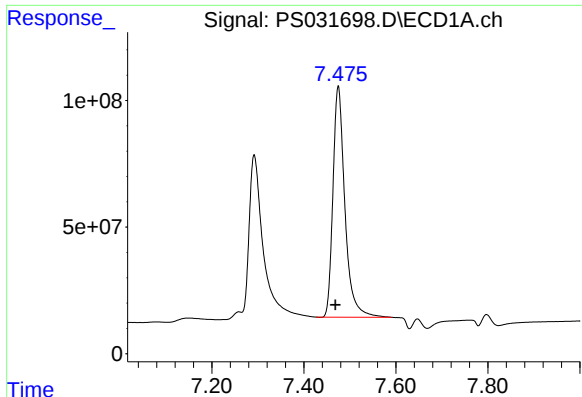
#4 2,4-DCAA

R.T.: 7.292 min
Delta R.T.: 0.009 min
Response: 1400306833
Conc: 388.81 ng/ml



#4 2,4-DCAA

R.T.: 7.748 min
Delta R.T.: 0.007 min
Response: 422546462
Conc: 464.90 ng/ml



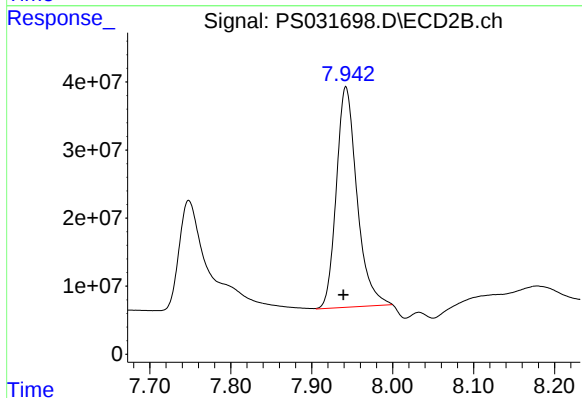
#5 DICAMBA

R.T.: 7.475 min
Delta R.T.: 0.006 min
Response: 1645617278
Conc: 105.51 ng/ml

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

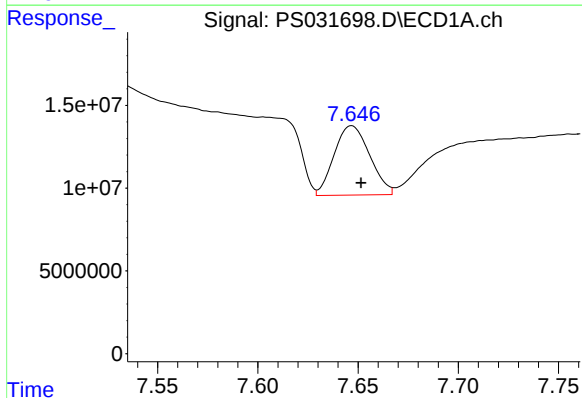
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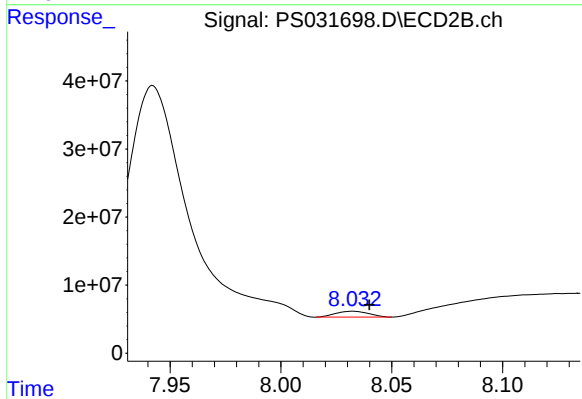
#5 DICAMBA

R.T.: 7.942 min
Delta R.T.: 0.003 min
Response: 574428903
Conc: 88.28 ng/ml m



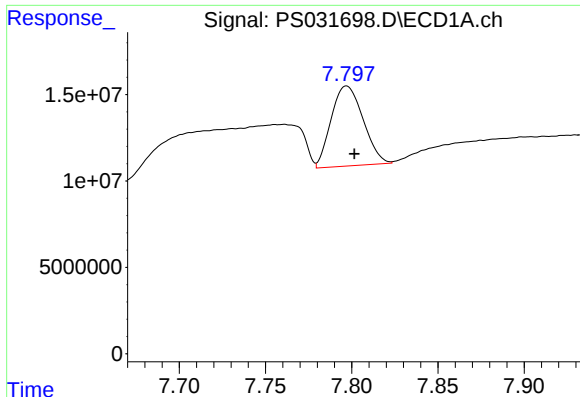
#6 MCP

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 51778455
Conc: 5.79 ug/ml m



#6 MCP

R.T.: 8.032 min
Delta R.T.: -0.008 min
Response: 9021567
Conc: 4.79 ug/ml



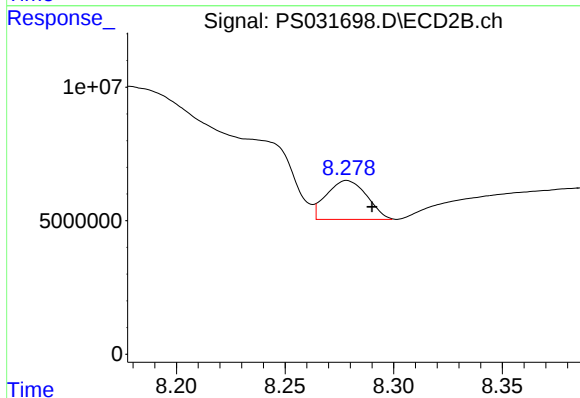
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.004 min
Response: 59596658
Conc: 5.36 ug/ml

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

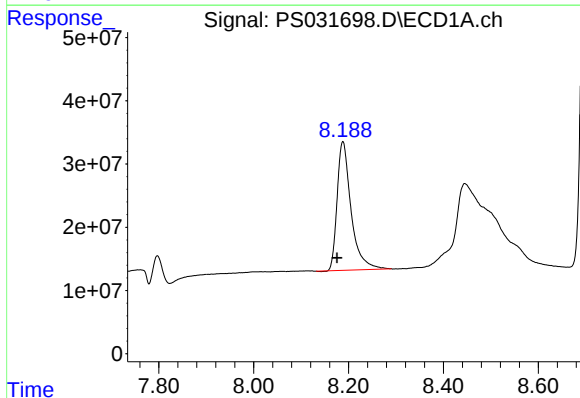
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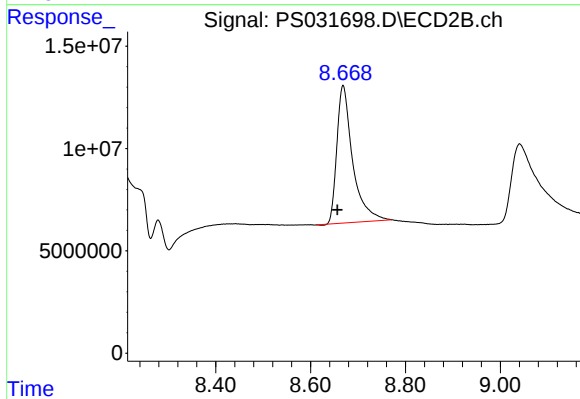
#7 MCPA

R.T.: 8.278 min
Delta R.T.: -0.012 min
Response: 18583009
Conc: 6.63 ug/ml m



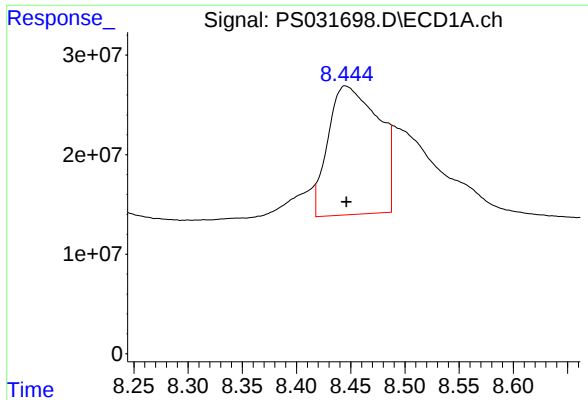
#8 DICHLORPROP

R.T.: 8.188 min
Delta R.T.: 0.012 min
Response: 416325705
Conc: 116.89 ng/ml



#8 DICHLORPROP

R.T.: 8.668 min
Delta R.T.: 0.011 min
Response: 155133044
Conc: 106.62 ng/ml



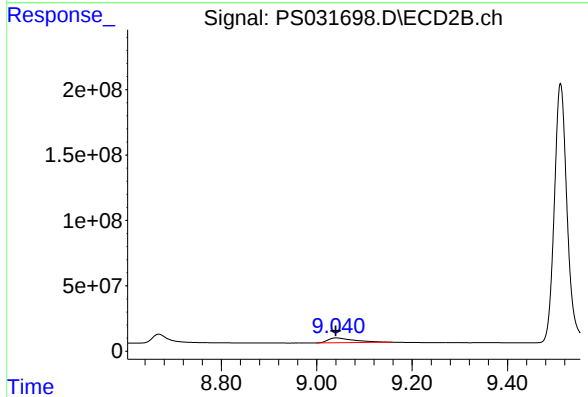
#9 2,4-D

R.T.: 8.444 min
Delta R.T.: -0.002 min
Response: 412640094
Conc: 120.46 ng/ml

Instrument :
ECD_S
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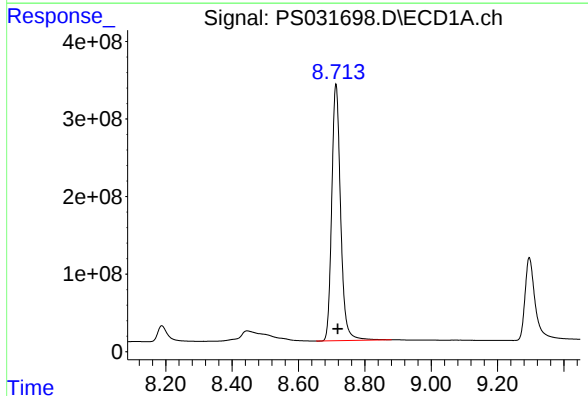
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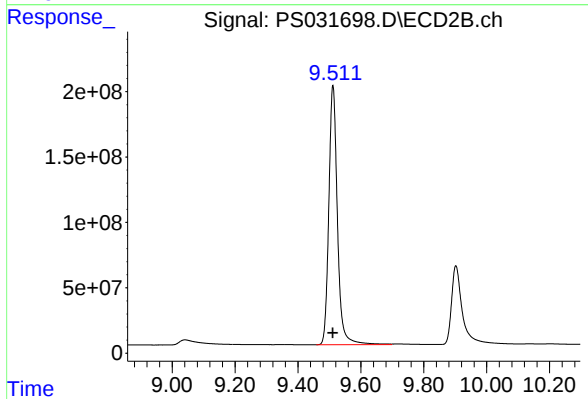
#9 2,4-D

R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 135937923
Conc: 82.63 ng/ml m



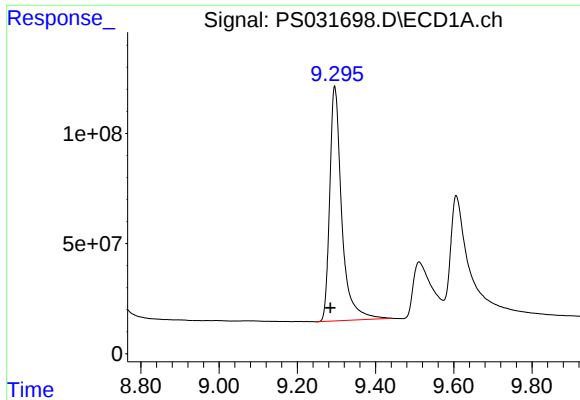
#10 Pentachlorophenol

R.T.: 8.713 min
Delta R.T.: -0.006 min
Response: 6149437040
Conc: 115.82 ng/ml



#10 Pentachlorophenol

R.T.: 9.511 min
Delta R.T.: 0.001 min
Response: 3766648956
Conc: 94.90 ng/ml



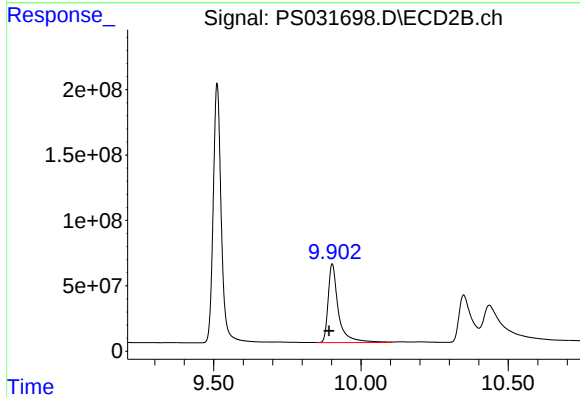
#11 2,4,5-TP (SILVEX)

R.T.: 9.296 min
Delta R.T.: 0.011 min
Response: 2275137501
Conc: 108.48 ng/ml

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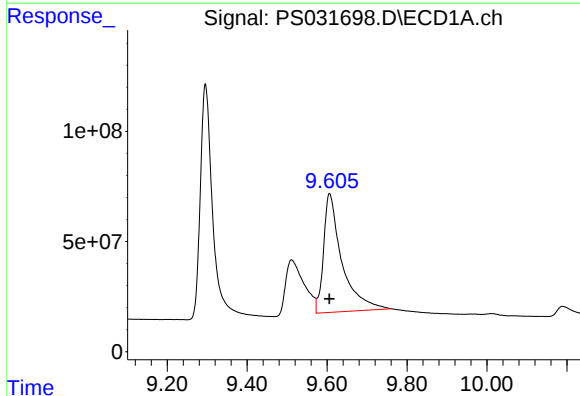
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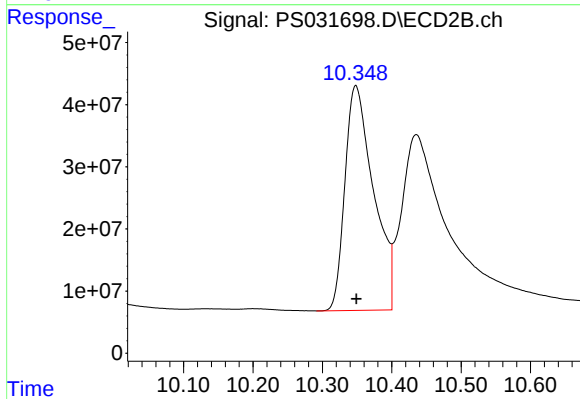
#11 2,4,5-TP (SILVEX)

R.T.: 9.902 min
Delta R.T.: 0.010 min
Response: 1456333918
Conc: 96.74 ng/ml



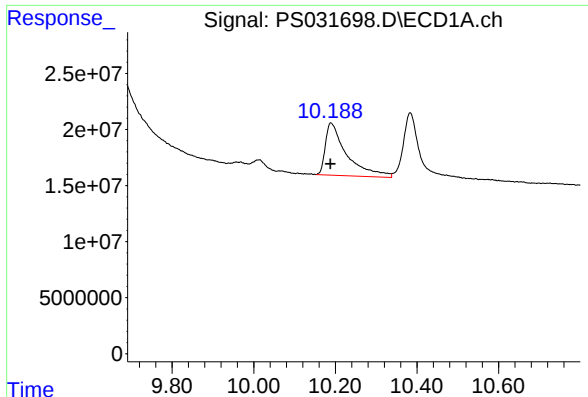
#12 2,4,5-T

R.T.: 9.606 min
Delta R.T.: 0.000 min
Response: 1718349551
Conc: 93.91 ng/ml



#12 2,4,5-T

R.T.: 10.348 min
Delta R.T.: 0.000 min
Response: 1037696406
Conc: 77.11 ng/ml



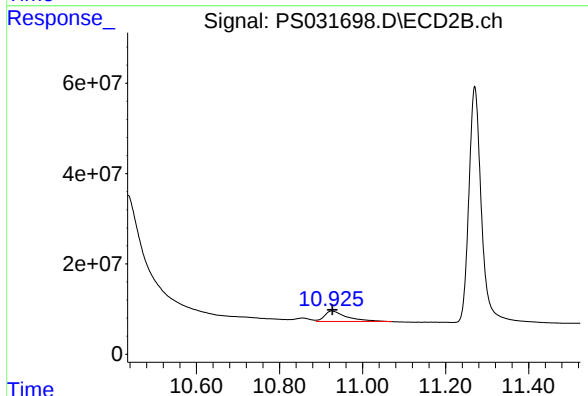
#13 2,4-DB

R.T.: 10.190 min
Delta R.T.: 0.002 min
Response: 168258661
Conc: 72.13 ng/ml

Instrument :
ECD_S
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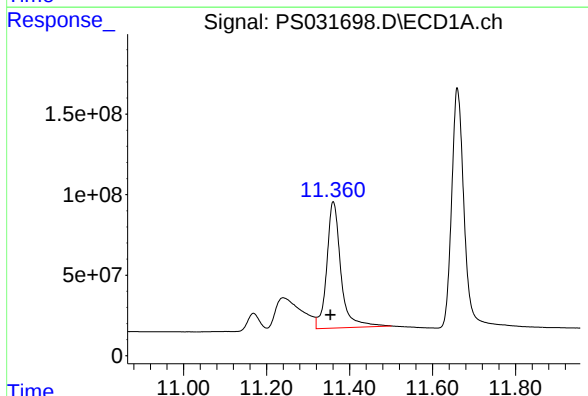
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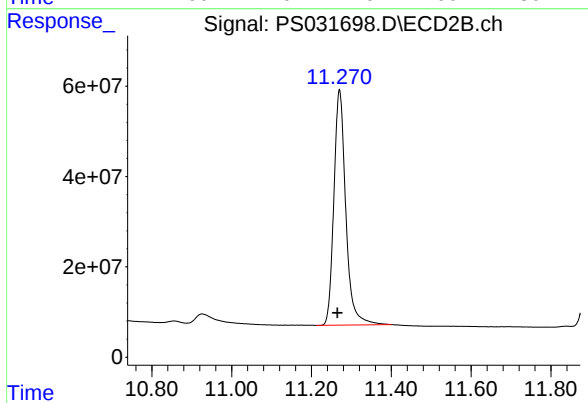
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: -0.002 min
Response: 86884185
Conc: 81.20 ng/ml m



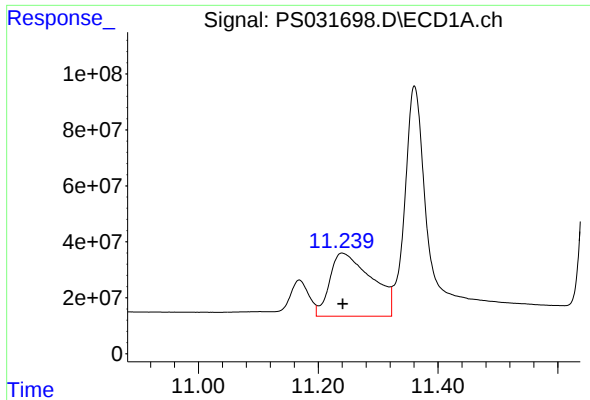
#14 DINOSEB

R.T.: 11.361 min
Delta R.T.: 0.007 min
Response: 1850008162
Conc: 128.27 ng/ml



#14 DINOSEB

R.T.: 11.270 min
Delta R.T.: 0.005 min
Response: 1079051456
Conc: 111.01 ng/ml



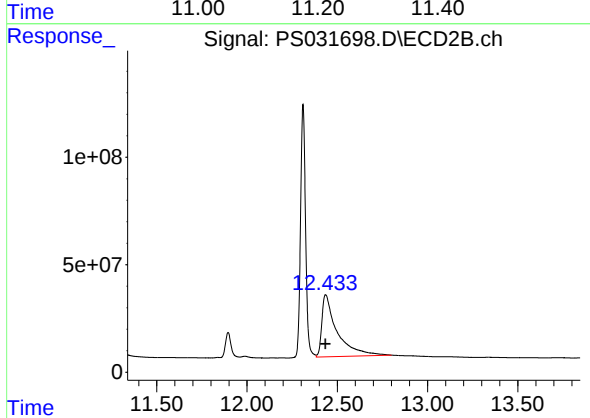
#15 Picloram

R.T.: 11.239 min
Delta R.T.: -0.002 min
Response: 1108560329
Conc: 61.55 ng/ml

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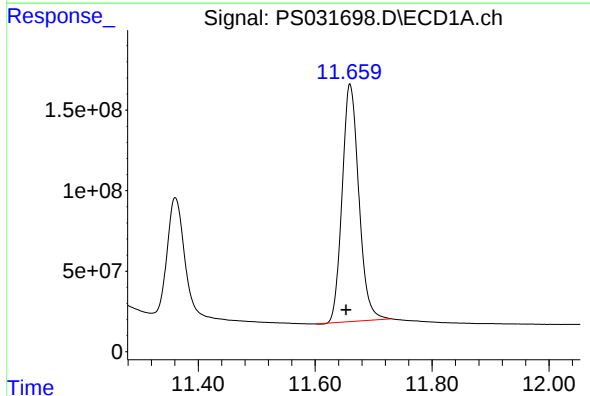
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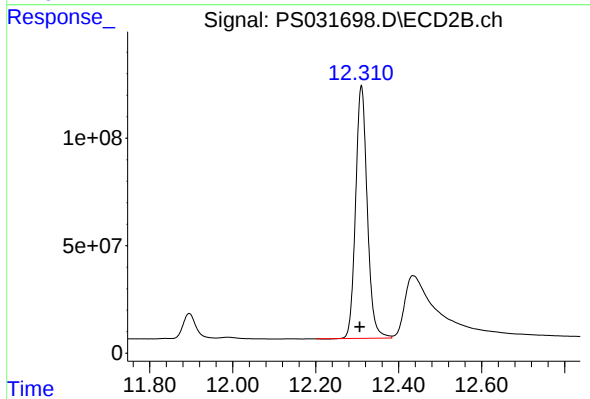
#15 Picloram

R.T.: 12.435 min
Delta R.T.: 0.000 min
Response: 1696513801
Conc: 71.63 ng/ml



#16 DCPA

R.T.: 11.660 min
Delta R.T.: 0.007 min
Response: 2925509932
Conc: 108.55 ng/ml



#16 DCPA

R.T.: 12.310 min
Delta R.T.: 0.004 min
Response: 2291867671
Conc: 95.08 ng/ml