

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS091125\
 Data File : PS031700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 15:59
 Operator : AR\AJ
 Sample : Q2893-01
 Misc : LOD SOIL 150PPB
 ALS Vial : 6 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 03:39:59 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	7.289	7.743	1768.7E6	504.6E6	491.104	555.181
Target Compounds							
1) T	Dalapon	2.663	2.683	737.1E6	428.1E6	127.507m	151.931m
2) T	3,5-DICHL...	6.458	6.701	756.6E6	179.0E6	141.858	117.353
3) T	4-Nitroph...	7.116	7.317	103.8E6	118.1E6	94.091	93.485m
5) T	DICAMBA	7.474	7.940	2076.8E6	794.0E6	133.155	122.023
6) T	MCPD	7.647	8.031	88086242	11660292	9.854m	6.191 #
7) T	MCPA	7.797	8.277	128.4E6	28855602	11.559	10.301m
8) T	DICHLORPROP	8.184	8.661	544.3E6	193.0E6	152.820	132.663
9) T	2,4-D	8.430	9.013	604.0E6	261.6E6	176.320	159.034
10) T	Pentachlo...	8.712	9.509	8386.4E6	5394.3E6	157.955	135.910
11) T	2,4,5-TP ...	9.293	9.895	3203.5E6	2197.5E6	152.737	145.971
12) T	2,4,5-T	9.596	10.332	2580.2E6	1667.9E6	141.009	123.940
13) T	2,4-DB	10.174	10.902	276.1E6	128.7E6	118.358m	120.236
14) T	DINOSEB	11.361	11.267	1954.5E6	1171.4E6	135.514	120.509
15) T	Picloram	11.214	12.406	1537.6E6	2469.4E6	85.370	104.266
16) T	DCPA	11.655	12.308	2122.3E6	3152.5E6	78.751	130.788 #

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

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Acq On : 11 Sep 2025 15:59
Operator : AR\AJ
Sample : Q2893-01
Misc : LOD SOIL 150PPB
ALS Vial : 6 Sample Multiplier: 1

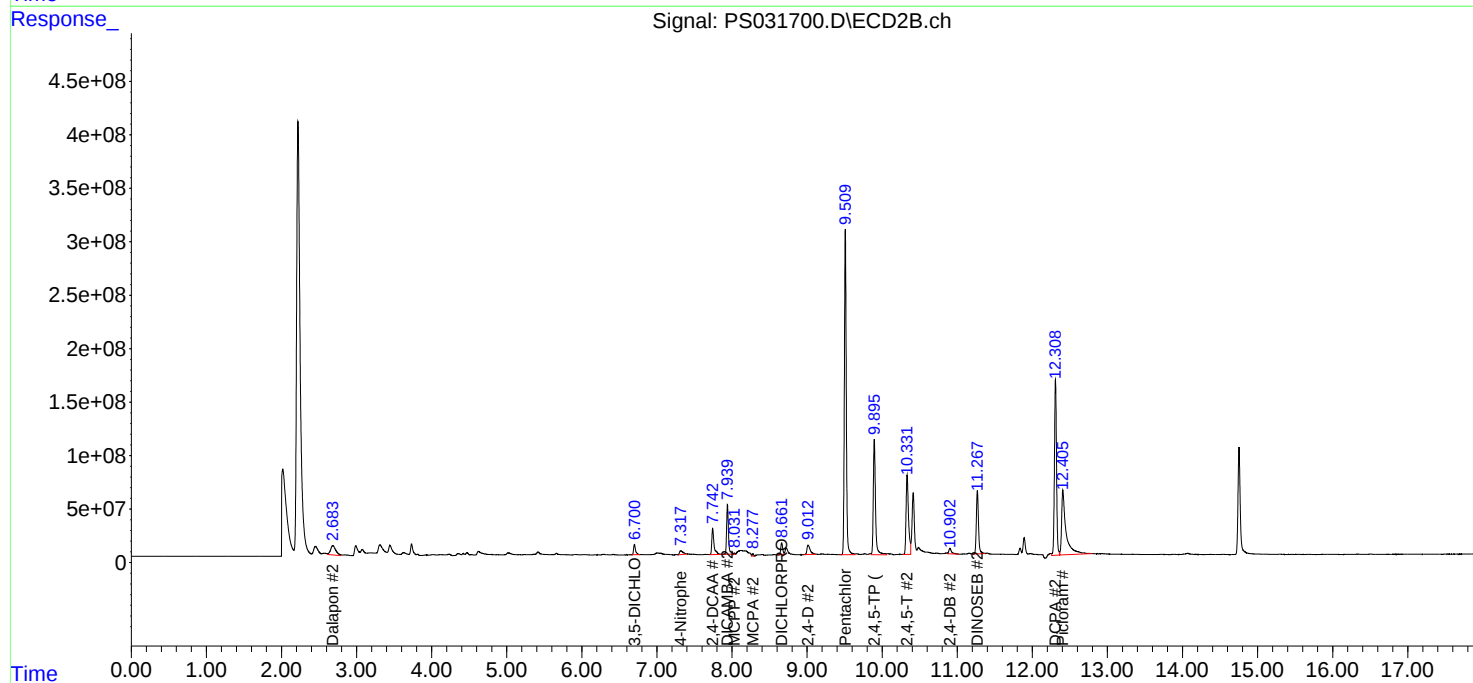
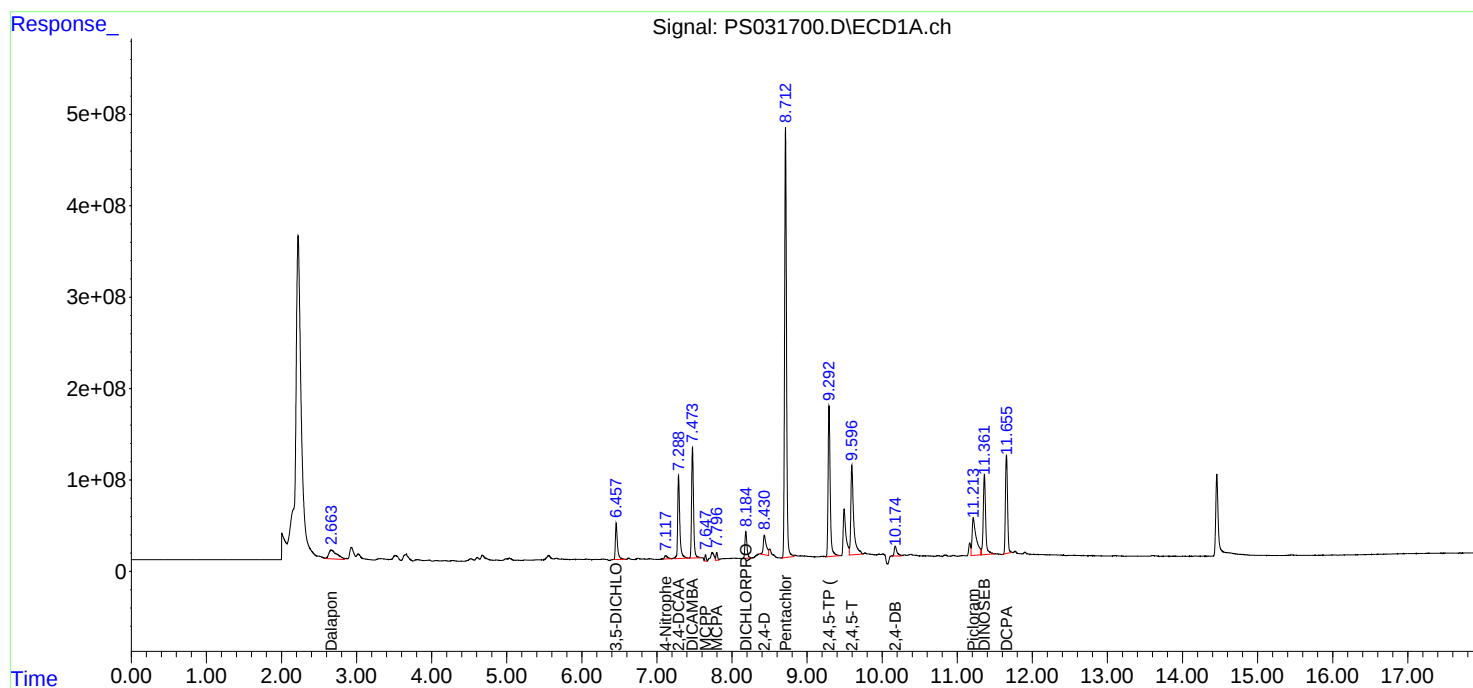
Instrument :
ECD_S
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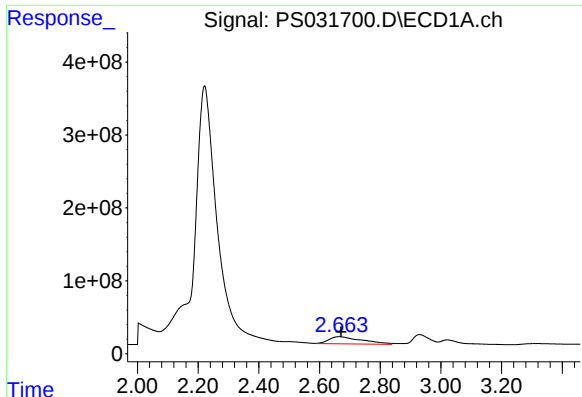
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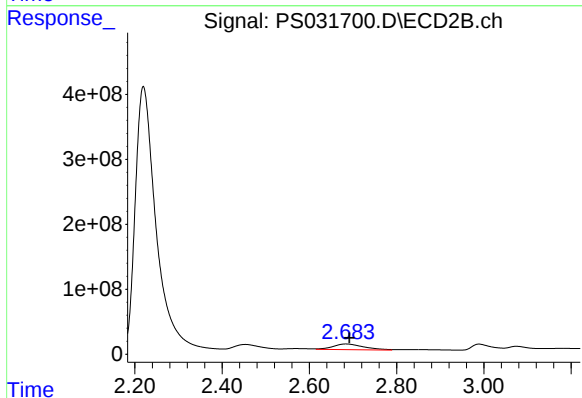
#1 Dalapon

R.T.: 2.663 min
Delta R.T.: -0.008 min
Response: 737087884
Conc: 127.51 ng/ml

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

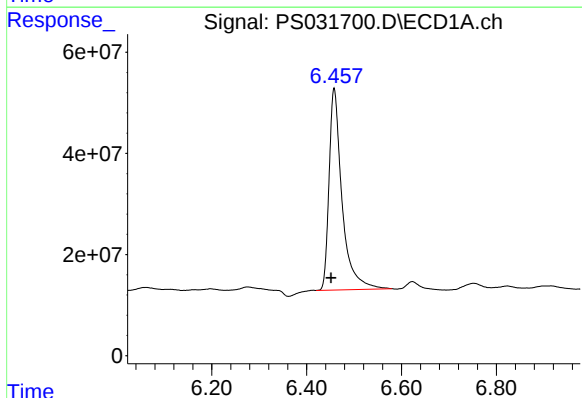
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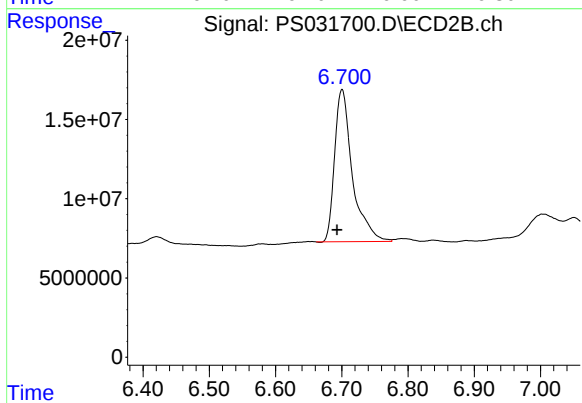
#1 Dalapon

R.T.: 2.683 min
Delta R.T.: -0.009 min
Response: 428084249
Conc: 151.93 ng/ml m



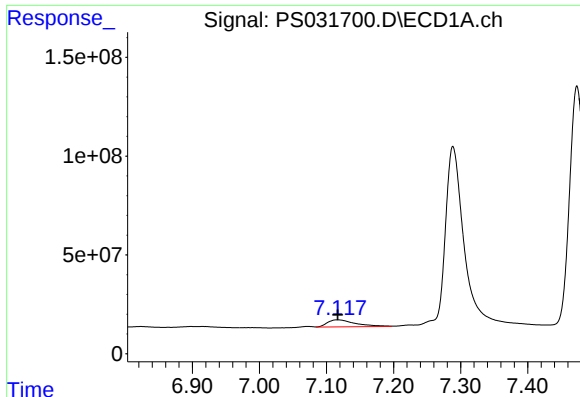
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.458 min
Delta R.T.: 0.006 min
Response: 756582179
Conc: 141.86 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.701 min
Delta R.T.: 0.008 min
Response: 178959214
Conc: 117.35 ng/ml



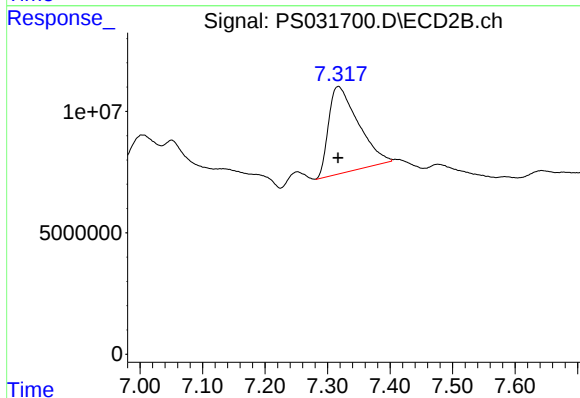
#3 4-Nitrophenol

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 103801514
Conc: 94.09 ng/ml

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

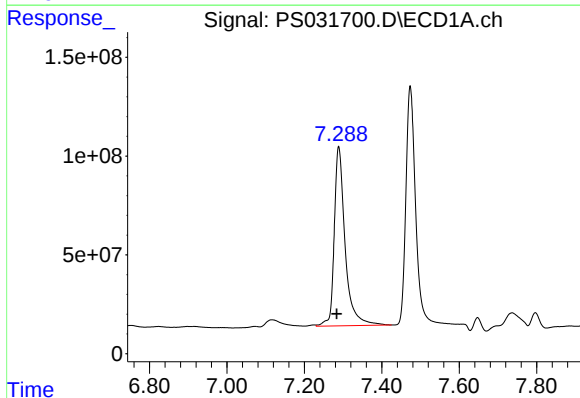
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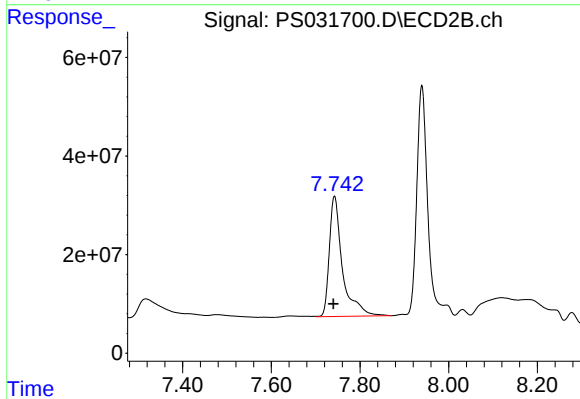
#3 4-Nitrophenol

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 118052159
Conc: 93.49 ng/ml m



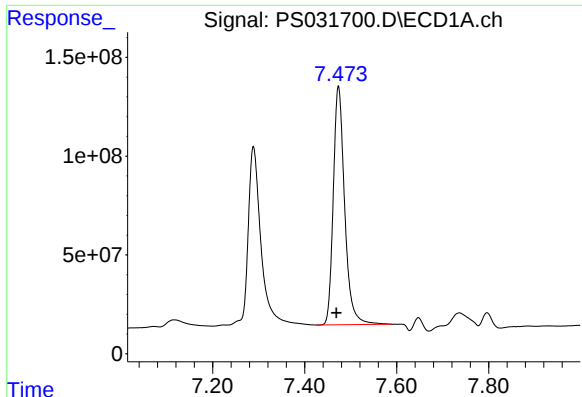
#4 2,4-DCAA

R.T.: 7.289 min
Delta R.T.: 0.005 min
Response: 1768724571
Conc: 491.10 ng/ml



#4 2,4-DCAA

R.T.: 7.743 min
Delta R.T.: 0.002 min
Response: 504603720
Conc: 555.18 ng/ml



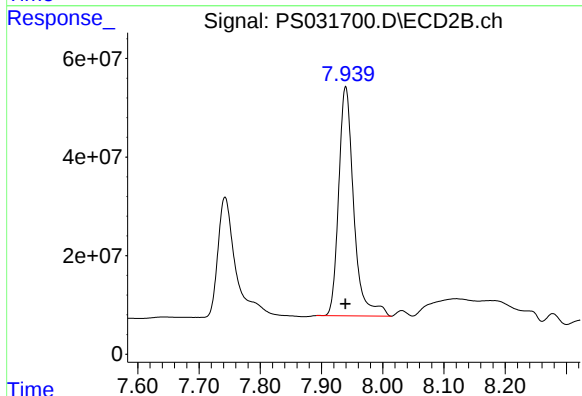
#5 DICAMBA

R.T.: 7.474 min
Delta R.T.: 0.005 min
Response: 2076776252
Conc: 133.15 ng/ml

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

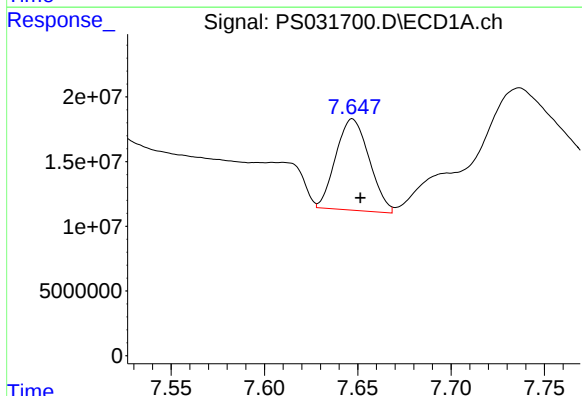
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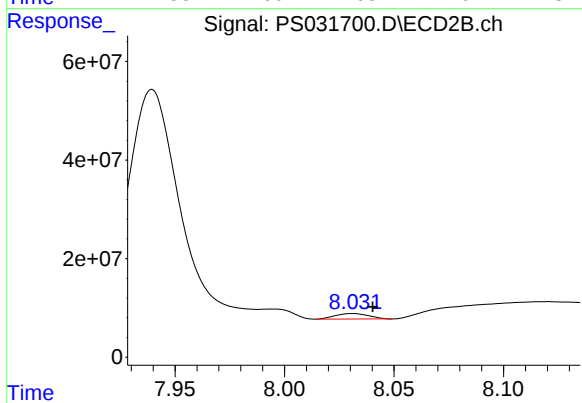
#5 DICAMBA

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 793987583
Conc: 122.02 ng/ml



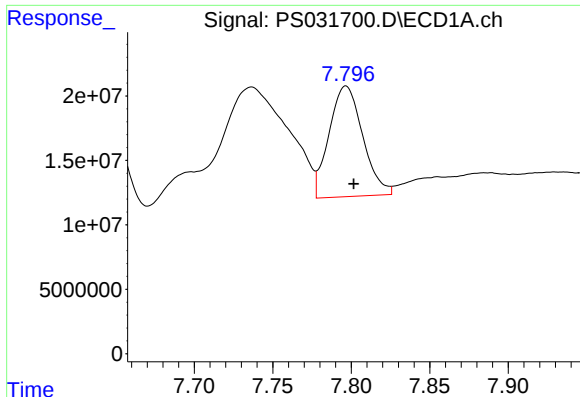
#6 MCP

R.T.: 7.647 min
Delta R.T.: -0.005 min
Response: 88086242
Conc: 9.85 ug/ml m



#6 MCP

R.T.: 8.031 min
Delta R.T.: -0.009 min
Response: 11660292
Conc: 6.19 ug/ml



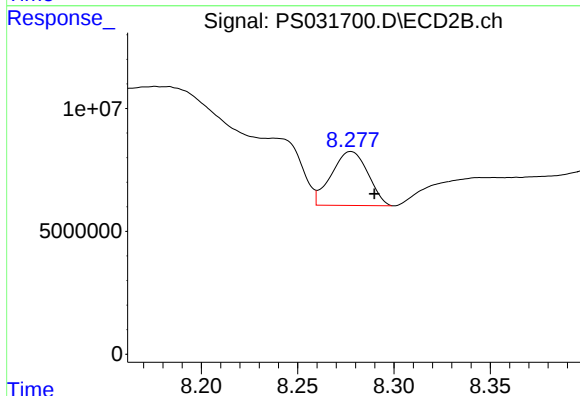
#7 MCPA

R.T.: 7.797 min
Delta R.T.: -0.005 min
Response: 128427103
Conc: 11.56 ug/ml

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

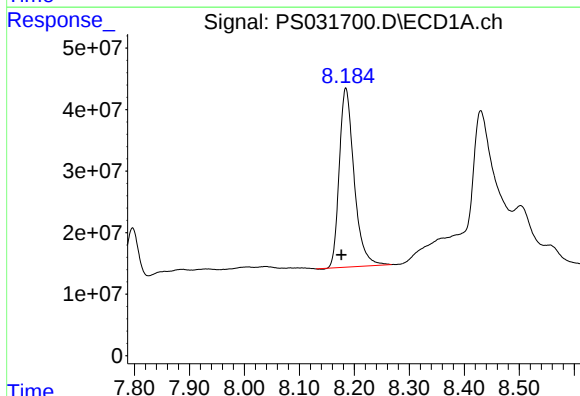
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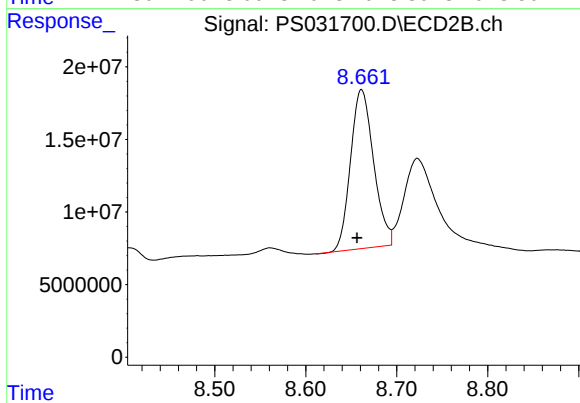
#7 MCPA

R.T.: 8.277 min
Delta R.T.: -0.013 min
Response: 28855602
Conc: 10.30 ug/ml m



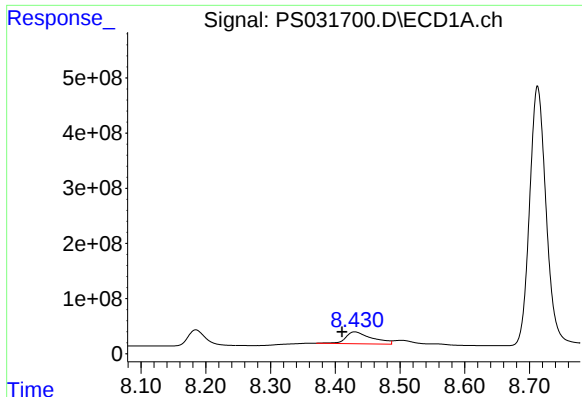
#8 DICHLORPROP

R.T.: 8.184 min
Delta R.T.: 0.008 min
Response: 544309654
Conc: 152.82 ng/ml



#8 DICHLORPROP

R.T.: 8.661 min
Delta R.T.: 0.005 min
Response: 193032931
Conc: 132.66 ng/ml



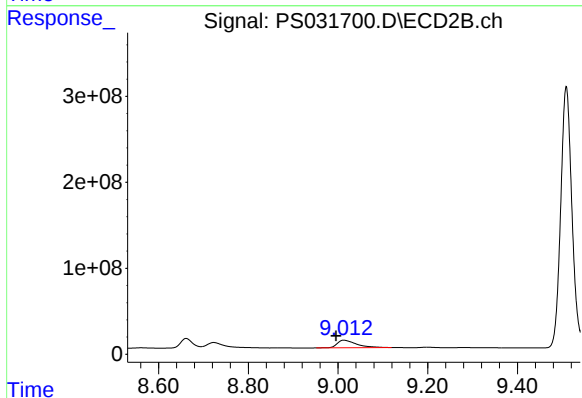
#9 2,4-D

R.T.: 8.430 min
Delta R.T.: 0.019 min
Response: 604007933
Conc: 176.32 ng/ml

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

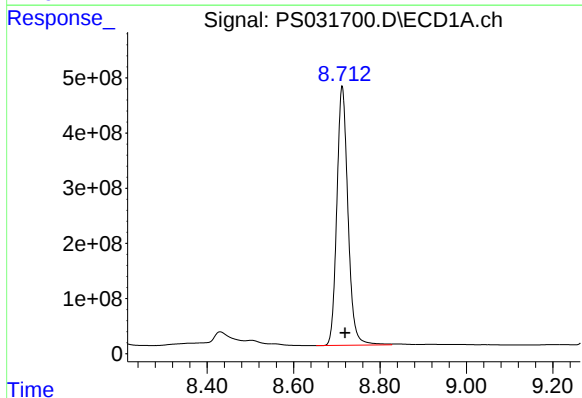
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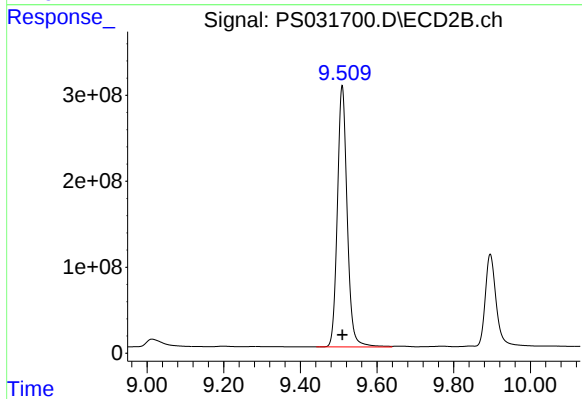
#9 2,4-D

R.T.: 9.013 min
Delta R.T.: 0.017 min
Response: 261628242
Conc: 159.03 ng/ml



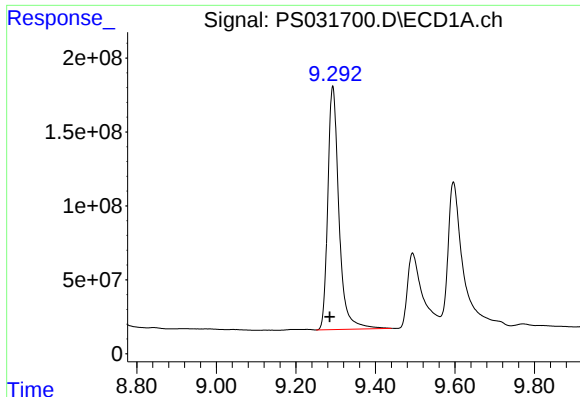
#10 Pentachlorophenol

R.T.: 8.712 min
Delta R.T.: -0.006 min
Response: 8386444663
Conc: 157.96 ng/ml



#10 Pentachlorophenol

R.T.: 9.509 min
Delta R.T.: 0.000 min
Response: 5394333096
Conc: 135.91 ng/ml



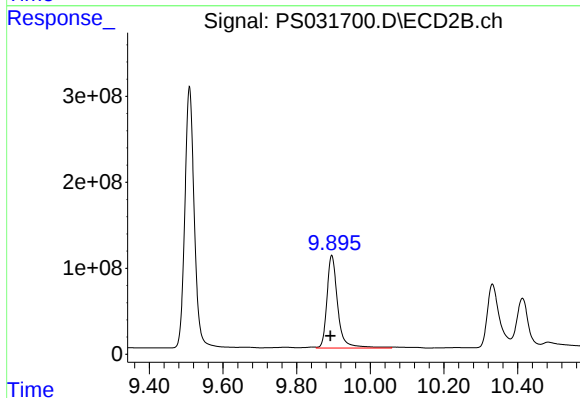
#11 2,4,5-TP (SILVEX)

R.T.: 9.293 min
Delta R.T.: 0.008 min
Response: 3203454966
Conc: 152.74 ng/ml

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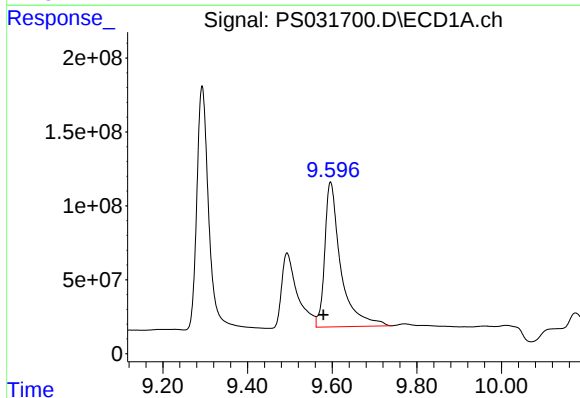
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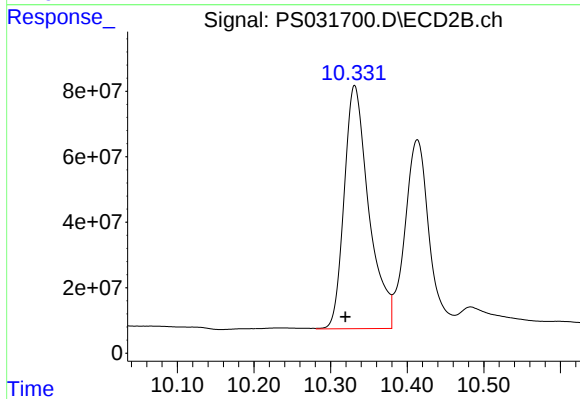
#11 2,4,5-TP (SILVEX)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 2197491797
Conc: 145.97 ng/ml



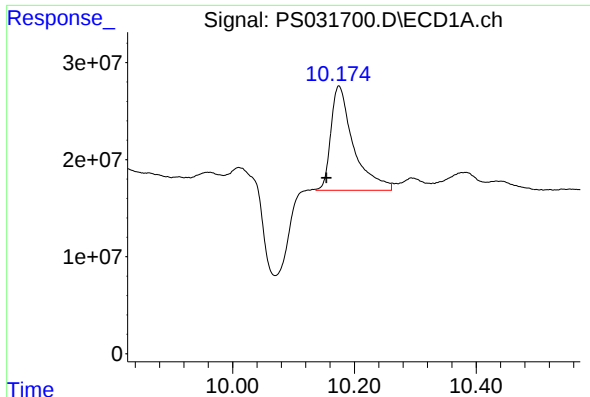
#12 2,4,5-T

R.T.: 9.596 min
Delta R.T.: 0.016 min
Response: 2580202123
Conc: 141.01 ng/ml



#12 2,4,5-T

R.T.: 10.332 min
Delta R.T.: 0.012 min
Response: 1667864512
Conc: 123.94 ng/ml



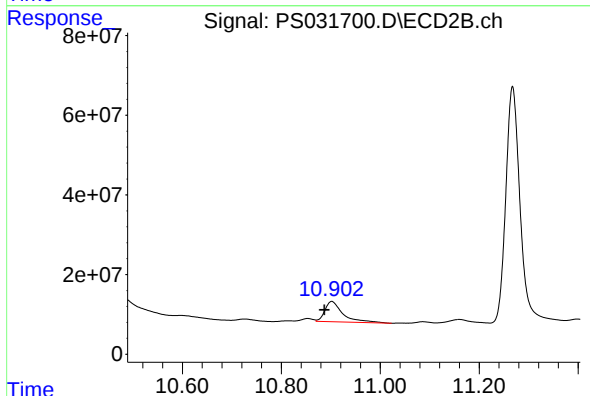
#13 2,4-DB

R.T.: 10.174 min
Delta R.T.: 0.020 min
Response: 276100712
Conc: 118.36 ng/ml

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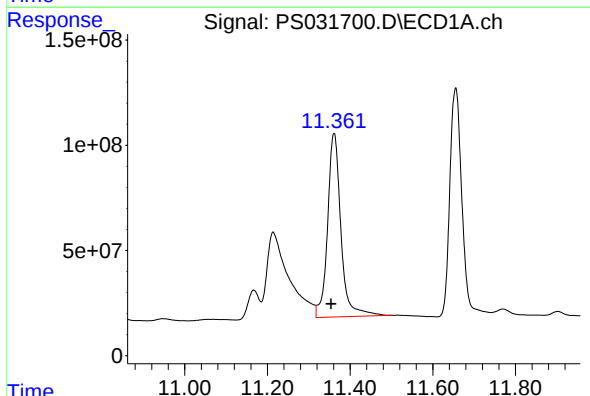
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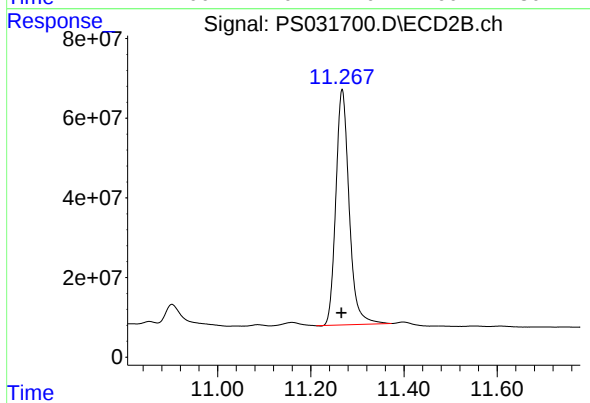
#13 2,4-DB

R.T.: 10.902 min
Delta R.T.: 0.015 min
Response: 128657827
Conc: 120.24 ng/ml



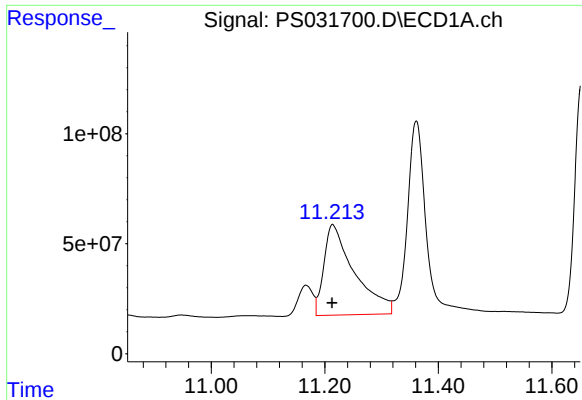
#14 DINOSEB

R.T.: 11.361 min
Delta R.T.: 0.007 min
Response: 1954478005
Conc: 135.51 ng/ml



#14 DINOSEB

R.T.: 11.267 min
Delta R.T.: 0.002 min
Response: 1171433970
Conc: 120.51 ng/ml



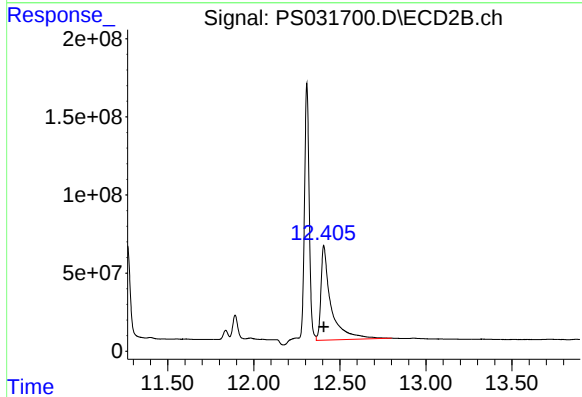
#15 Picloram

R.T.: 11.214 min
Delta R.T.: 0.001 min
Response: 1537600388
Conc: 85.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
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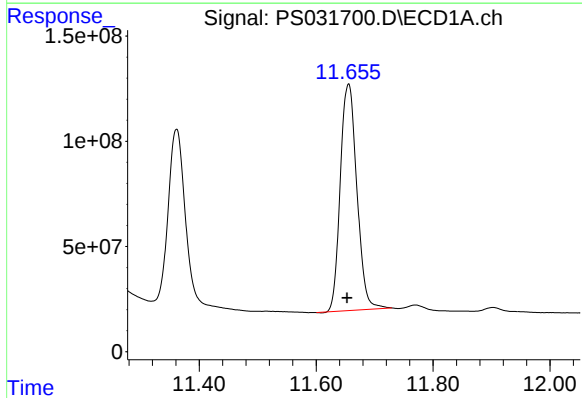
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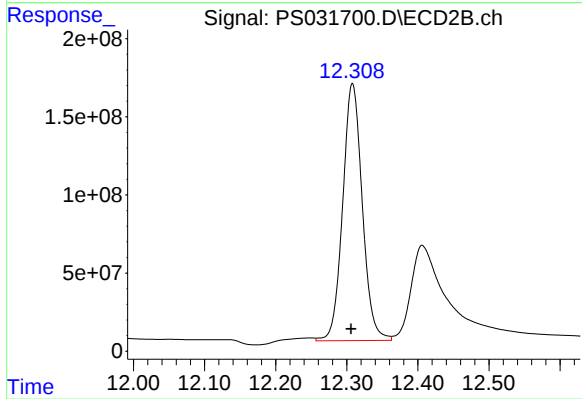
#15 Picloram

R.T.: 12.406 min
Delta R.T.: 0.000 min
Response: 2469368603
Conc: 104.27 ng/ml



#16 DCPA

R.T.: 11.655 min
Delta R.T.: 0.002 min
Response: 2122328949
Conc: 78.75 ng/ml



#16 DCPA

R.T.: 12.308 min
Delta R.T.: 0.002 min
Response: 3152535429
Conc: 130.79 ng/ml