

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071725\
 Data File : PS031115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 23:14
 Operator : AR\AJ
 Sample : Q2592-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-SOIL-20250711MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/18/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 00:30:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
 Quant Title : 8080.M
 QLast Update : Mon Jul 14 05:51:06 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	7.328	7.767	1808.6E6	469.5E6	457.275	453.205
Target Compounds							
1) T	Dalapon	2.690	2.703	1319.7E6	1846.7E6	216.636m	649.598m#
2) T	3,5-DICHL...	6.491	6.714	2704.1E6	654.5E6	516.195	422.159
3) T	4-Nitroph...	7.128	7.306	48075905	39896975	35.612	22.878 #
5) T	DICAMBA	7.517	7.969	7135.4E6	2815.7E6	454.749	434.764
6) T	MCPD	7.697	8.068	376.9E6	76806058	40.963	35.925
7) T	MCPA	7.847	8.316	543.2E6	174.7E6	49.803	54.487
8) T	DICHLORPROP	8.229	8.689	1858.0E6	659.3E6	545.648	433.966
9) T	2,4-D	8.460	9.025	2144.6E6	940.0E6	696.659	553.101
10) T	Pentachlo...	8.767	9.549	28475.1E6	18089.5E6	566.539	469.431
11) T	2,4,5-TP ...	9.346	9.931	11729.5E6	7959.5E6	630.257	542.358
12) T	2,4,5-T	9.639	10.357	10372.0E6	6667.2E6	681.770	476.508 #
13) T	2,4-DB	10.219	10.925	1278.0E6	537.3E6	588.703m	454.115
14) T	DINOSEB	11.432	11.310	5981.0E6	3948.6E6	453.661	347.849
15) T	Picloram	11.243	12.420	9636.3E6	9953.0E6	661.294	423.882 #
16) T	DCPA	11.727	12.354	11151.4E6	9563.2E6	465.863	424.050m

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

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Data File : PS031115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jul 2025 23:14
Operator : AR\AJ
Sample : Q2592-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

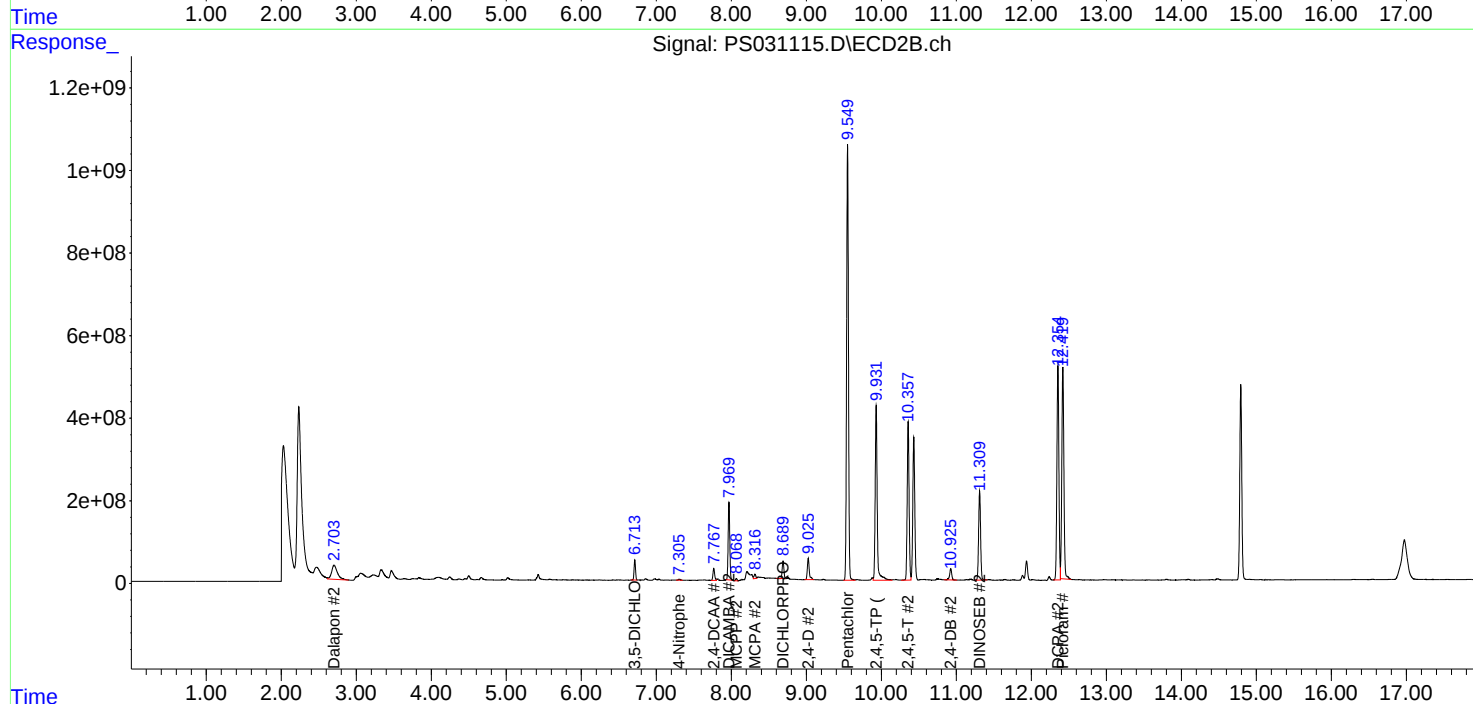
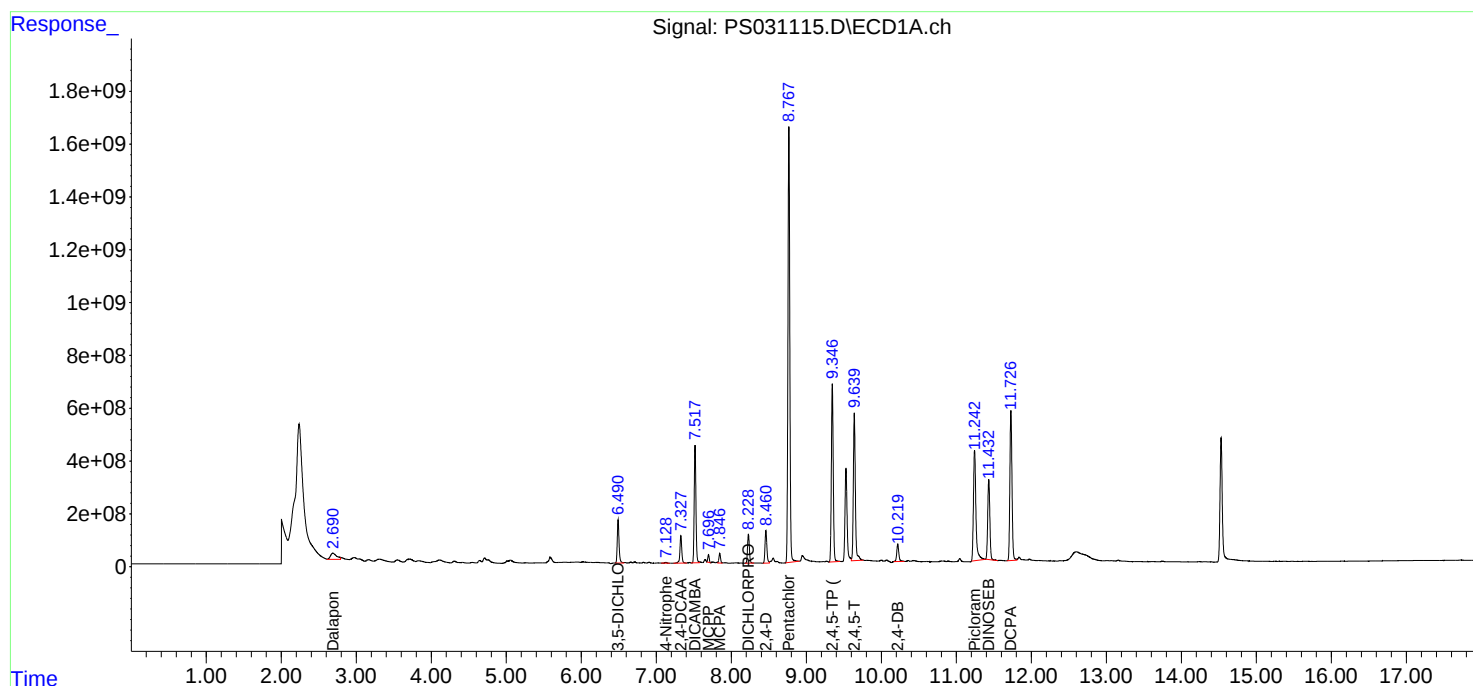
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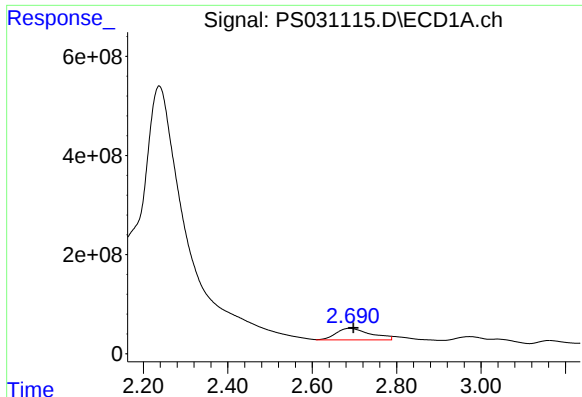
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 00:30:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
Quant Title : 8080.M
QLast Update : Mon Jul 14 05:51:06 2025
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Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





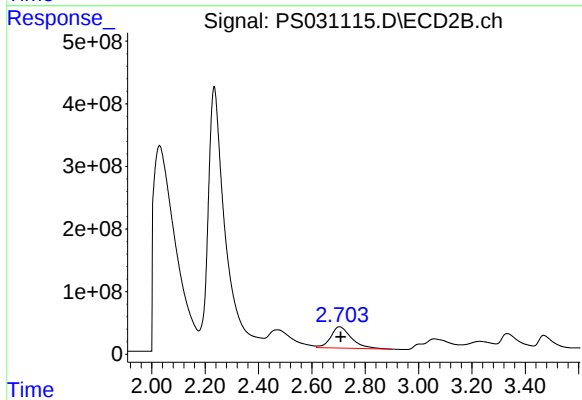
#1 Dalapon

R.T.: 2.690 min
Delta R.T.: -0.008 min
Response: 1319684561
Conc: 216.64 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20250711MS

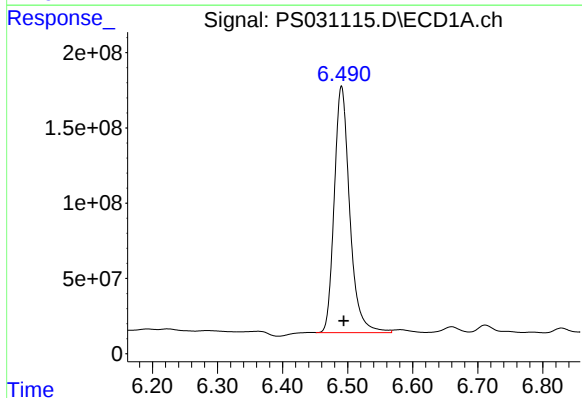
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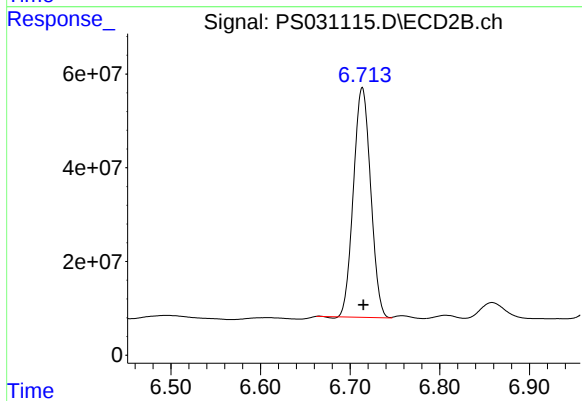
#1 Dalapon

R.T.: 2.703 min
Delta R.T.: -0.005 min
Response: 1846714405
Conc: 649.60 ng/ml m



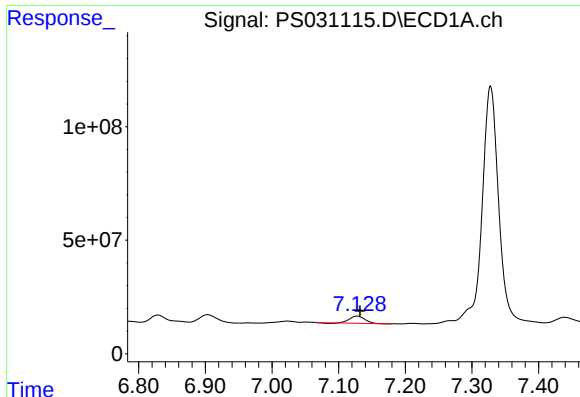
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.491 min
Delta R.T.: -0.003 min
Response: 2704139160
Conc: 516.19 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 654488635
Conc: 422.16 ng/ml



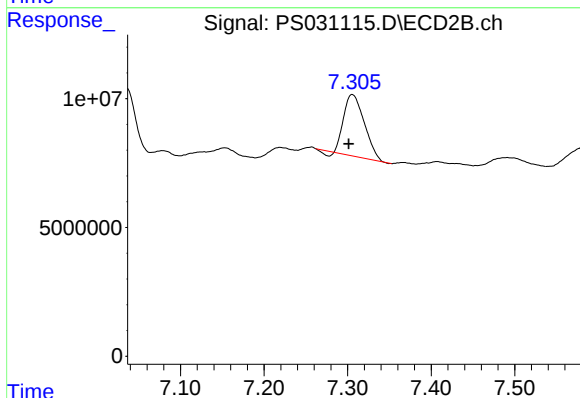
#3 4-Nitrophenol

R.T.: 7.128 min
Delta R.T.: -0.005 min
Response: 48075905
Conc: 35.61 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20250711MS

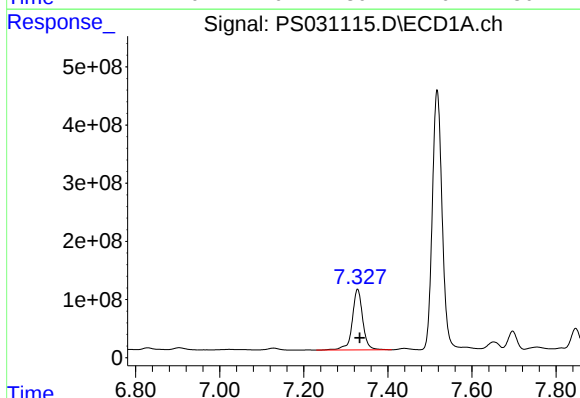
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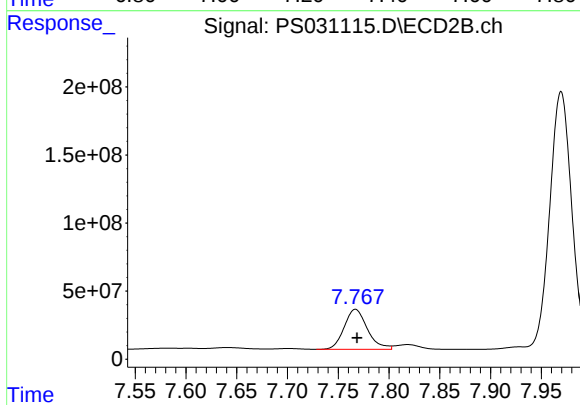
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: 0.005 min
Response: 39896975
Conc: 22.88 ng/ml



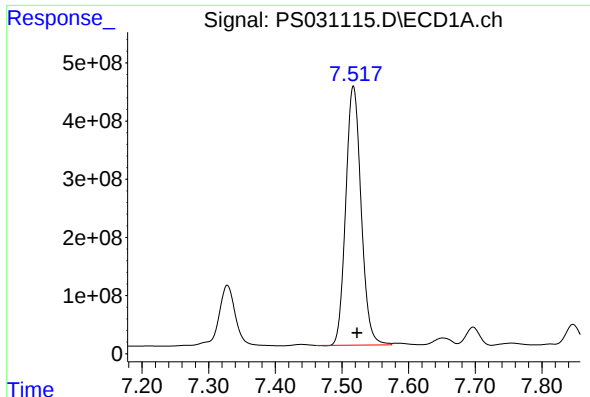
#4 2,4-DCAA

R.T.: 7.328 min
Delta R.T.: -0.005 min
Response: 1808556728
Conc: 457.27 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 469535043
Conc: 453.20 ng/ml



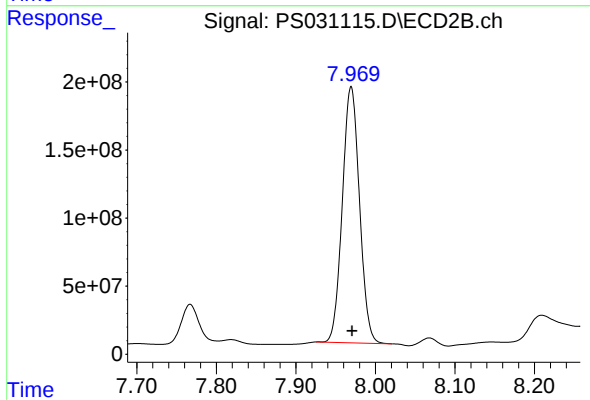
#5 DICAMBA

R.T.: 7.517 min
Delta R.T.: -0.005 min
Response: 7135426800
Conc: 454.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20250711MS

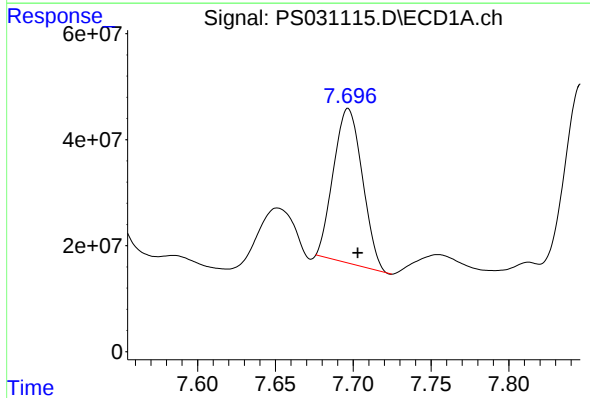
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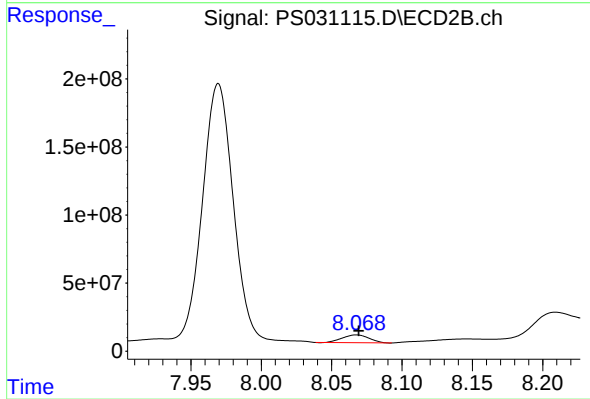
#5 DICAMBA

R.T.: 7.969 min
Delta R.T.: -0.001 min
Response: 2815715382
Conc: 434.76 ng/ml



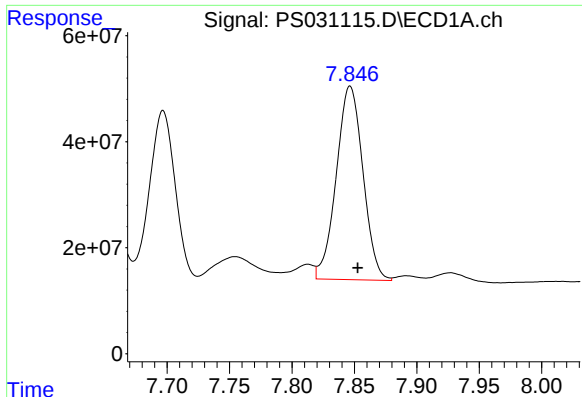
#6 MCP

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 376912595
Conc: 40.96 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 76806058
Conc: 35.93 ug/ml



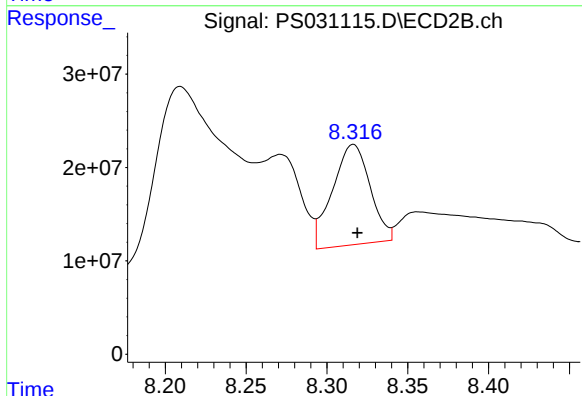
#7 MCPA

R.T.: 7.847 min
Delta R.T.: -0.006 min
Response: 543190346
Conc: 49.80 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20250711MS

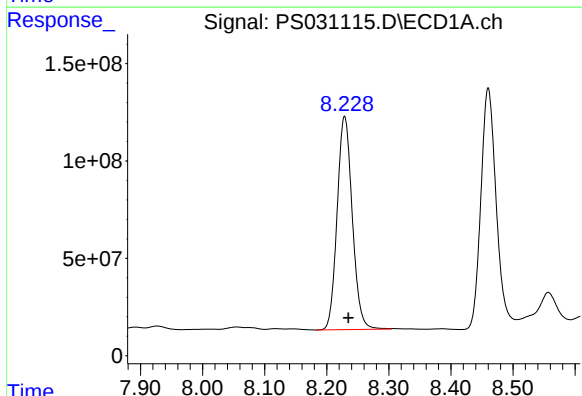
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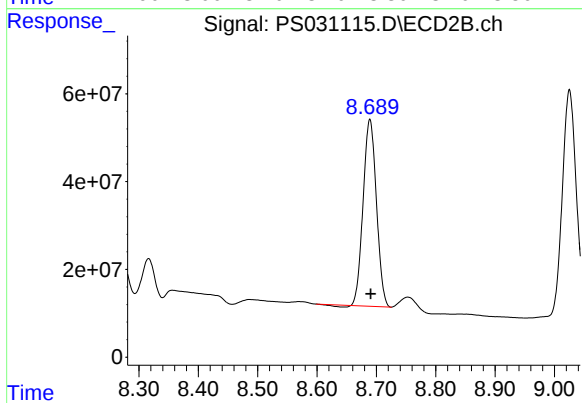
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 174667746
Conc: 54.49 ug/ml



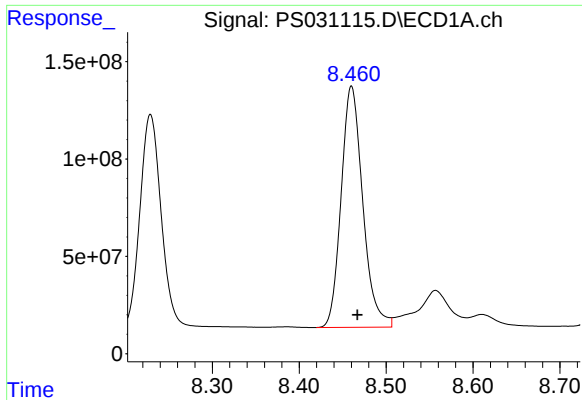
#8 DICHLORPROP

R.T.: 8.229 min
Delta R.T.: -0.006 min
Response: 1858015894
Conc: 545.65 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 659308014
Conc: 433.97 ng/ml



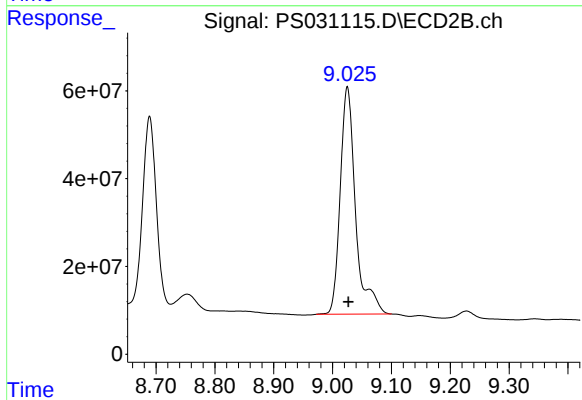
#9 2,4-D

R.T.: 8.460 min
Delta R.T.: -0.007 min
Response: 2144619867
Conc: 696.66 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20250711MS

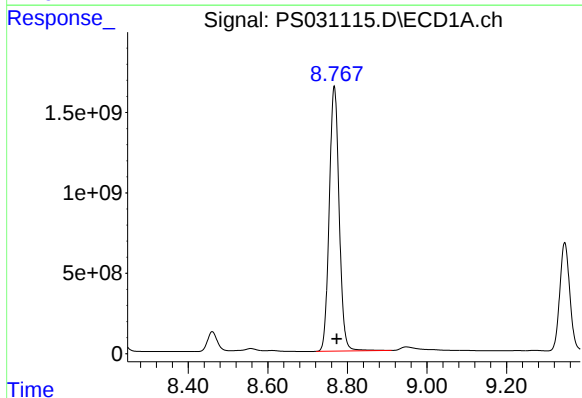
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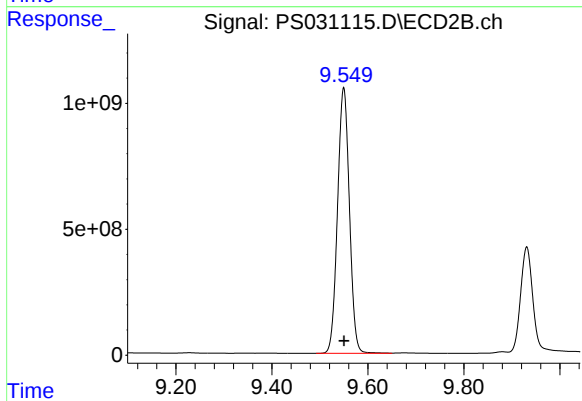
#9 2,4-D

R.T.: 9.025 min
Delta R.T.: -0.002 min
Response: 939975811
Conc: 553.10 ng/ml



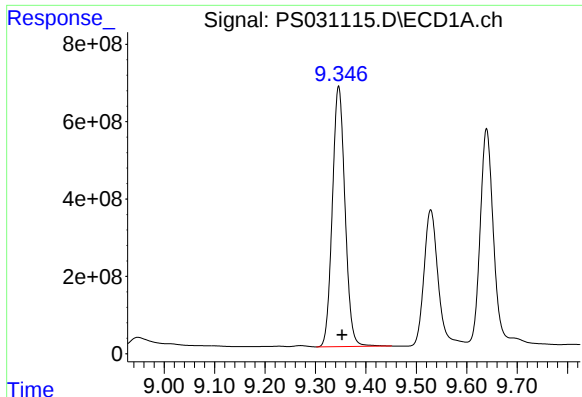
#10 Pentachlorophenol

R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 28475126208
Conc: 566.54 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: 0.000 min
Response: 18089543011
Conc: 469.43 ng/ml



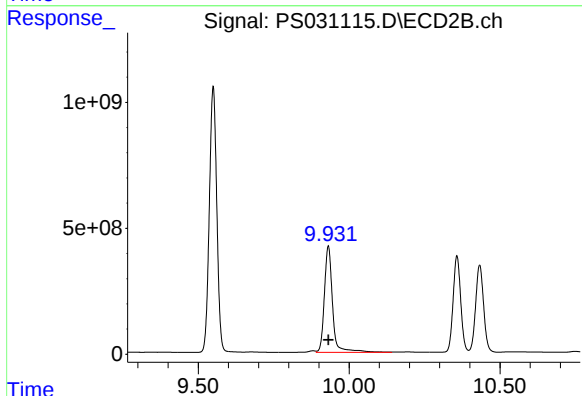
#11 2,4,5-TP (SILVEX)

R.T.: 9.346 min
Delta R.T.: -0.007 min
Response: 11729545061
Conc: 630.26 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20250711MS

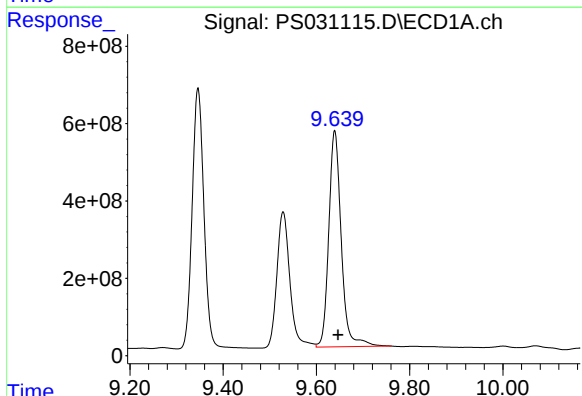
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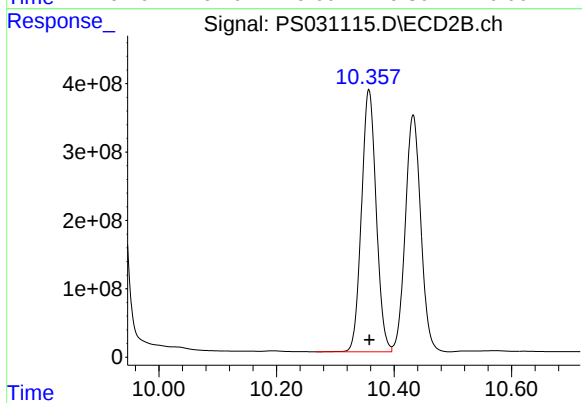
#11 2,4,5-TP (SILVEX)

R.T.: 9.931 min
Delta R.T.: 0.000 min
Response: 7959518340
Conc: 542.36 ng/ml



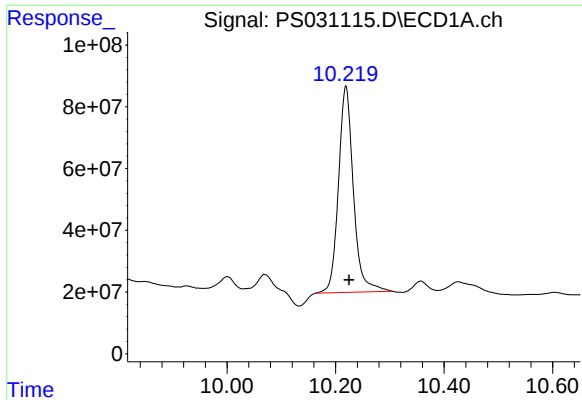
#12 2,4,5-T

R.T.: 9.639 min
Delta R.T.: -0.008 min
Response: 10371987144
Conc: 681.77 ng/ml



#12 2,4,5-T

R.T.: 10.357 min
Delta R.T.: -0.001 min
Response: 6667216477
Conc: 476.51 ng/ml



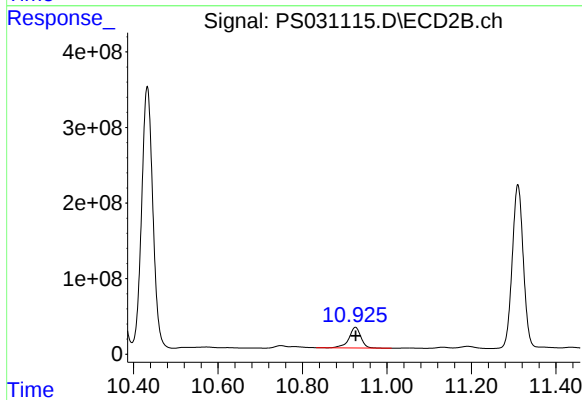
#13 2,4-DB

R.T.: 10.219 min
Delta R.T.: -0.006 min
Response: 1277951199
Conc: 588.70 ng/ml

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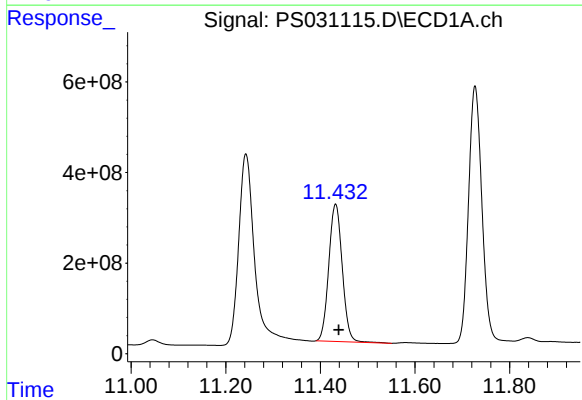
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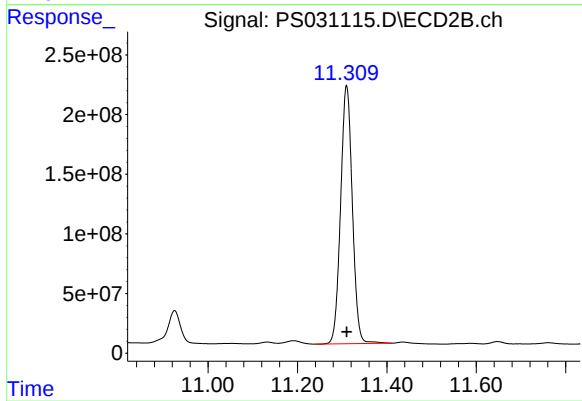
#13 2,4-DB

R.T.: 10.925 min
Delta R.T.: 0.000 min
Response: 537300870
Conc: 454.12 ng/ml



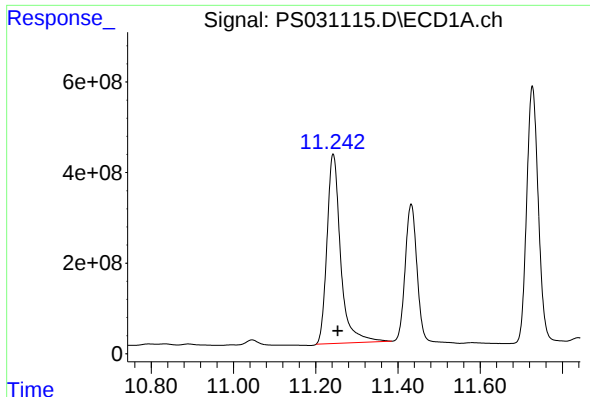
#14 DINOSEB

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 5981028661
Conc: 453.66 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 3948613443
Conc: 347.85 ng/ml



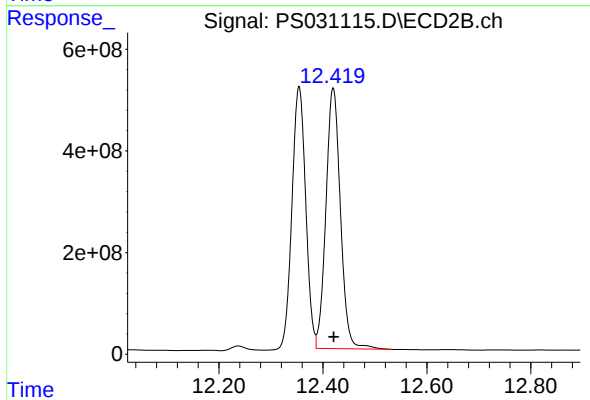
#15 Picloram

R.T.: 11.243 min
Delta R.T.: -0.011 min
Response: 9636349209
Conc: 661.29 ng/ml

Instrument :
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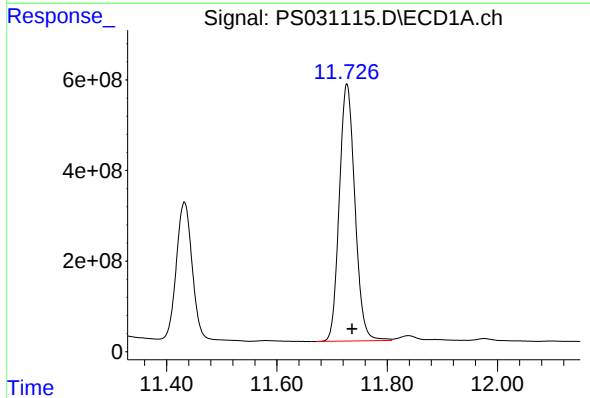
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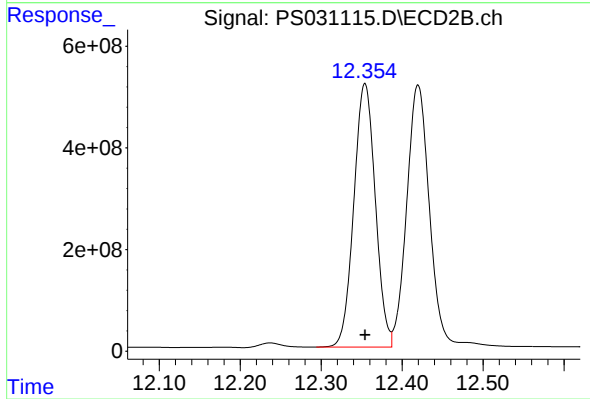
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.001 min
Response: 9953025035
Conc: 423.88 ng/ml



#16 DCPA

R.T.: 11.727 min
Delta R.T.: -0.009 min
Response: 11151437369
Conc: 465.86 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 9563171013
Conc: 424.05 ng/ml m