

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS071725\
 Data File : PS031116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2025 23:39
 Operator : AR\AJ
 Sample : Q2592-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 WC-SOIL-20250711MSD

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 00:30:57 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	7.327	7.767	1772.7E6	454.6E6	448.210	438.795
Target Compounds							
1) T	Dalapon	2.685	2.706	1099.4E6	2515.1E6	180.470m	884.722m#
2) T	3,5-DICHL...	6.490	6.714	2734.4E6	667.0E6	521.966	430.261
3) T	4-Nitroph...	7.127	7.306	42112122	32906254	31.194	18.869 #
5) T	DICAMBA	7.517	7.970	7205.7E6	2838.6E6	459.228	438.298
6) T	MCPD	7.697	8.068	380.8E6	74819756	41.390	34.996
7) T	MCPA	7.846	8.316	549.5E6	166.7E6	50.385	51.988
8) T	DICHLORPROP	8.228	8.689	1871.5E6	664.9E6	549.606	437.658
9) T	2,4-D	8.460	9.026	2158.0E6	947.7E6	700.993	557.644
10) T	Pentachlo...	8.767	9.549	28806.9E6	18320.3E6	573.139	475.419
11) T	2,4,5-TP ...	9.345	9.930	11820.1E6	7712.2E6	635.121	525.503m
12) T	2,4,5-T	9.640	10.358	10415.2E6	6704.0E6	684.613	479.135 #
13) T	2,4-DB	10.218	10.924	1267.4E6	541.0E6	583.840m	457.221
14) T	DINOSEB	11.432	11.310	5974.5E6	3927.7E6	453.164	346.003
15) T	Picloram	11.242	12.420	9560.5E6	9926.0E6	656.088	422.730 #
16) T	DCPA	11.728	12.354	11316.9E6	9715.6E6	472.775	430.811m

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

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Operator : AR\AJ
Sample : Q2592-02MSD
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ALS Vial : 20 Sample Multiplier: 1

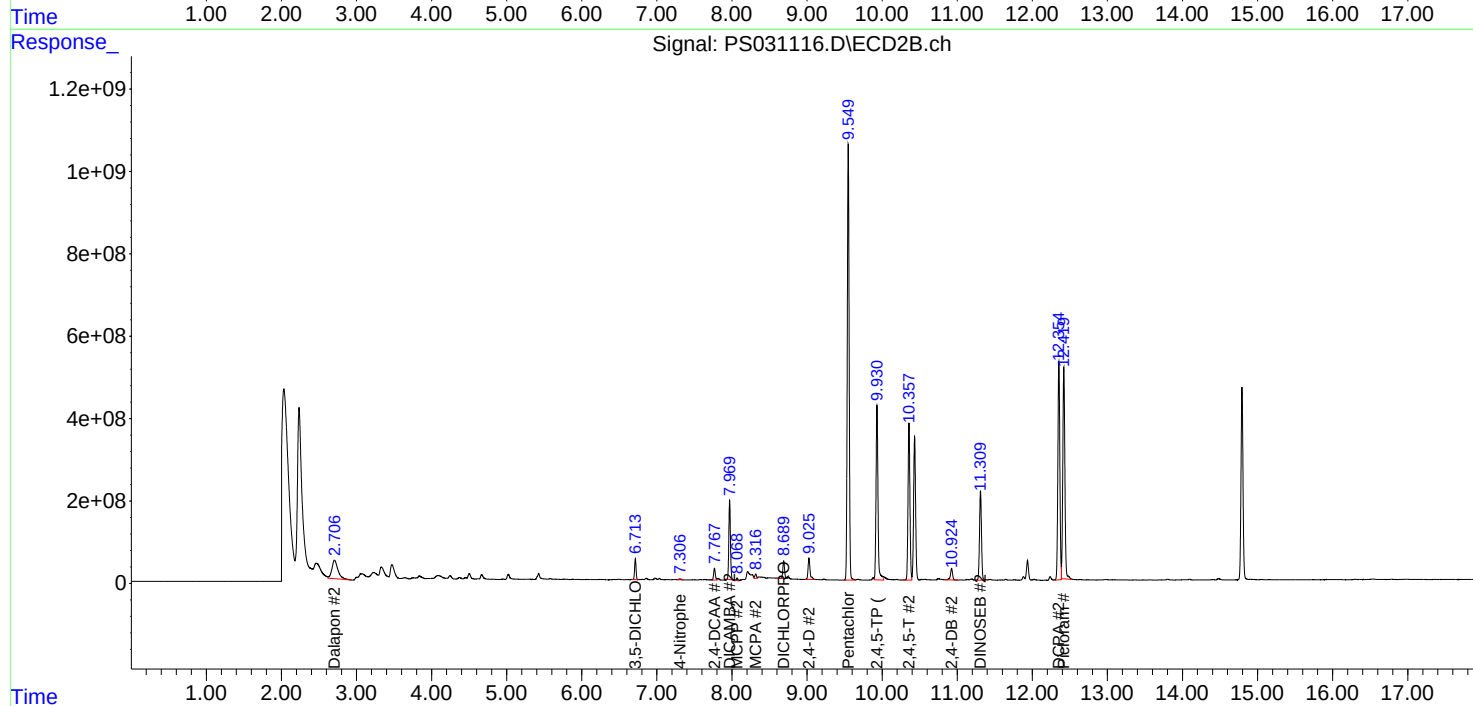
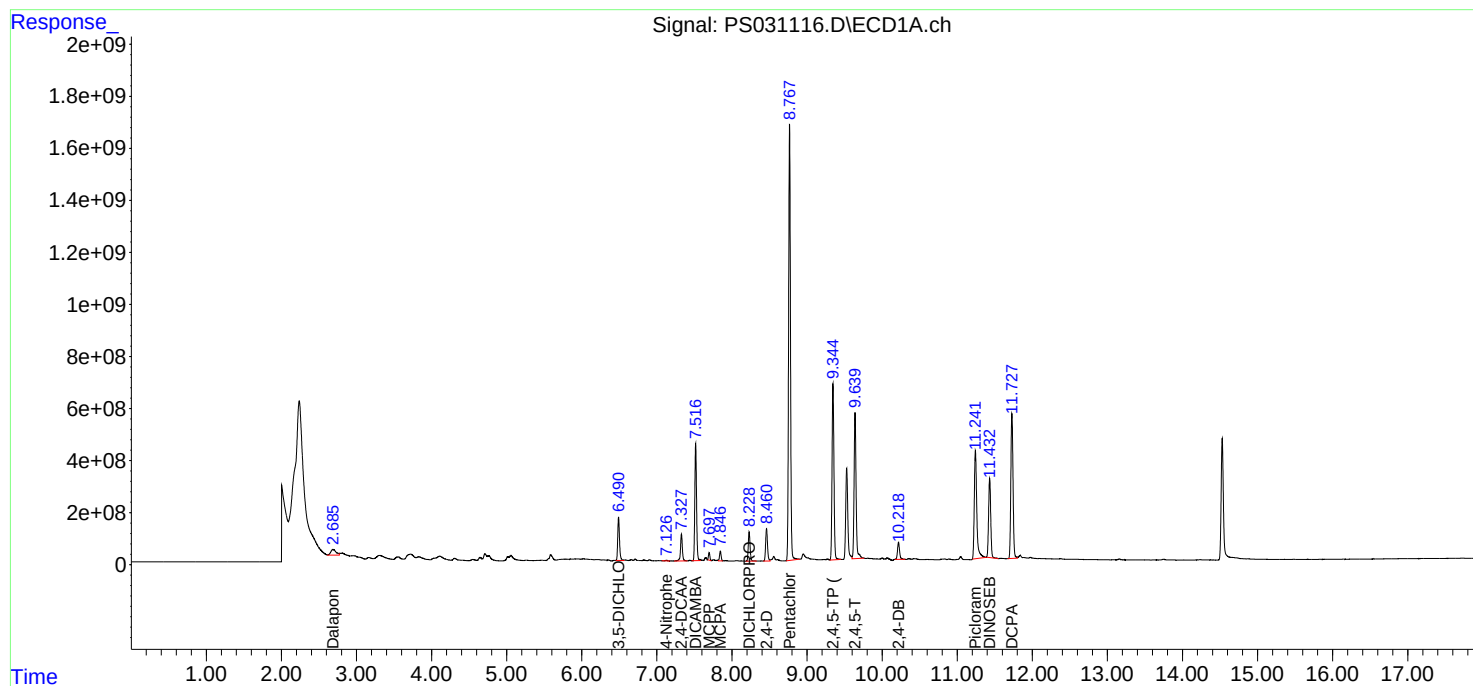
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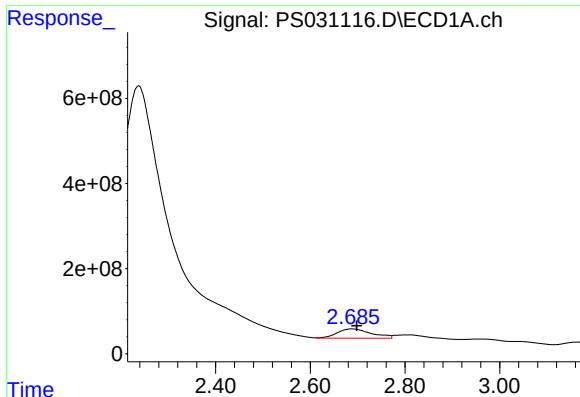
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071125.M
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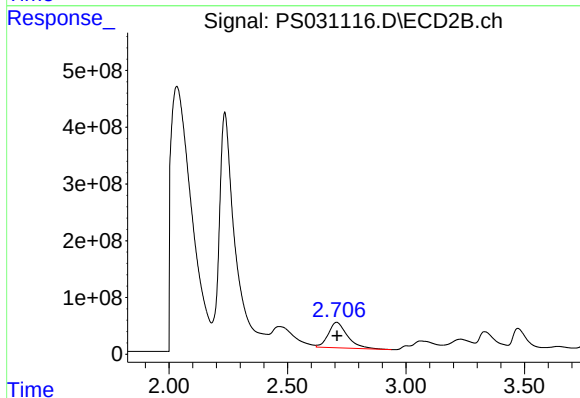
#1 Dalapon

R.T.: 2.685 min
Delta R.T.: -0.013 min
Response: 1099370703
Conc: 180.47 ng/ml

Instrument :
ECD_S
ClientSampleId :
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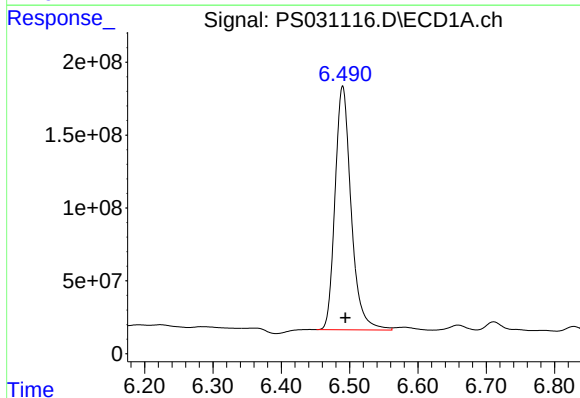
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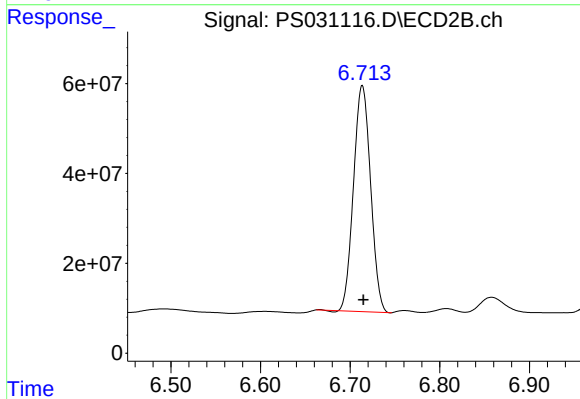
#1 Dalapon

R.T.: 2.706 min
Delta R.T.: -0.002 min
Response: 2515140270
Conc: 884.72 ng/ml m



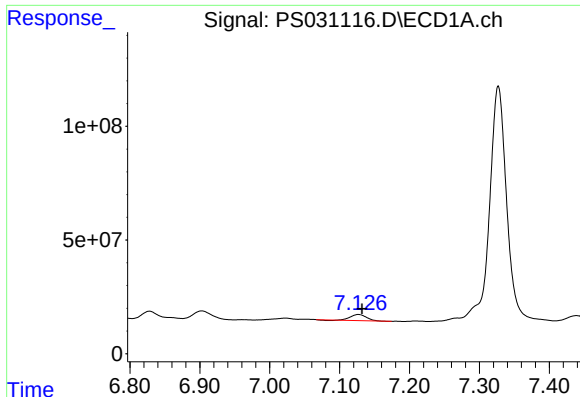
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.490 min
Delta R.T.: -0.004 min
Response: 2734370856
Conc: 521.97 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 667049753
Conc: 430.26 ng/ml



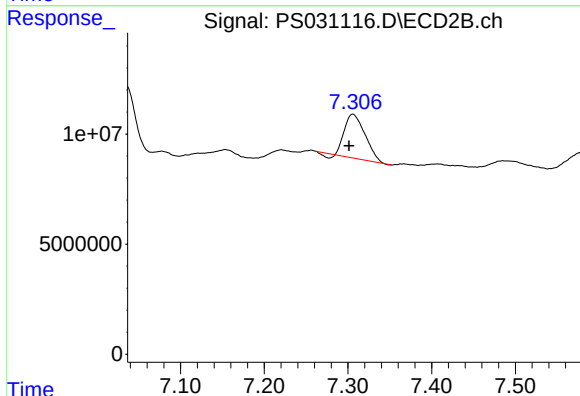
#3 4-Nitrophenol

R.T.: 7.127 min
Delta R.T.: -0.006 min
Response: 42112122
Conc: 31.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
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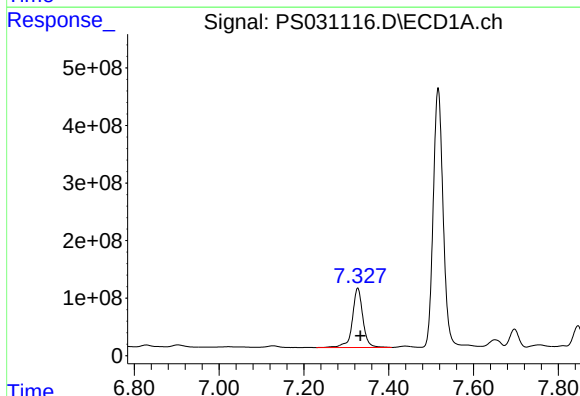
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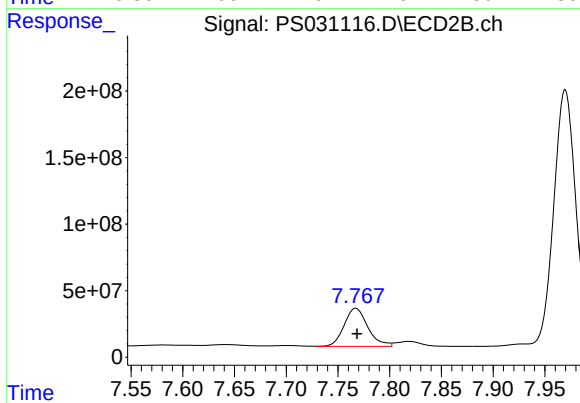
#3 4-Nitrophenol

R.T.: 7.306 min
Delta R.T.: 0.005 min
Response: 32906254
Conc: 18.87 ng/ml



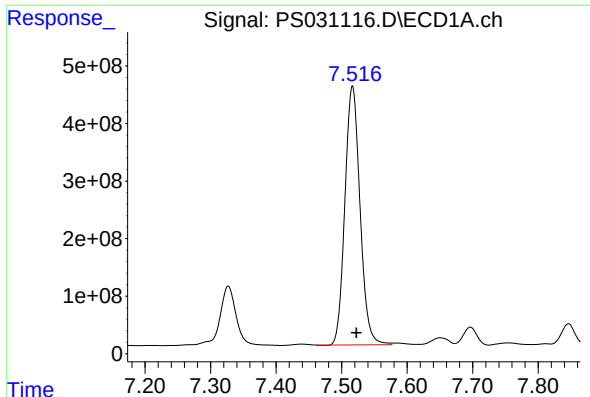
#4 2,4-DCAA

R.T.: 7.327 min
Delta R.T.: -0.006 min
Response: 1772704144
Conc: 448.21 ng/ml



#4 2,4-DCAA

R.T.: 7.767 min
Delta R.T.: -0.001 min
Response: 454605500
Conc: 438.79 ng/ml



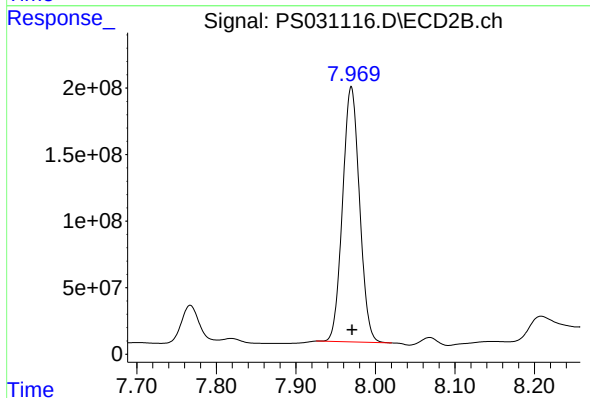
#5 DICAMBA

R.T.: 7.517 min
Delta R.T.: -0.006 min
Response: 7205710159
Conc: 459.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20250711MSD

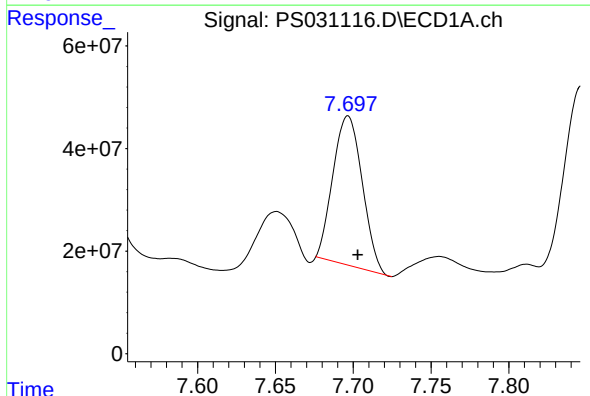
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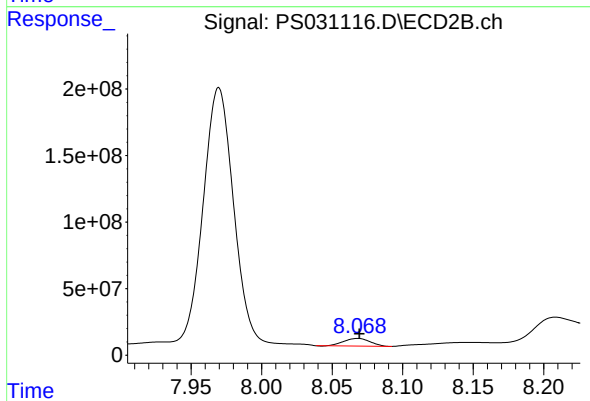
#5 DICAMBA

R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 2838600131
Conc: 438.30 ng/ml



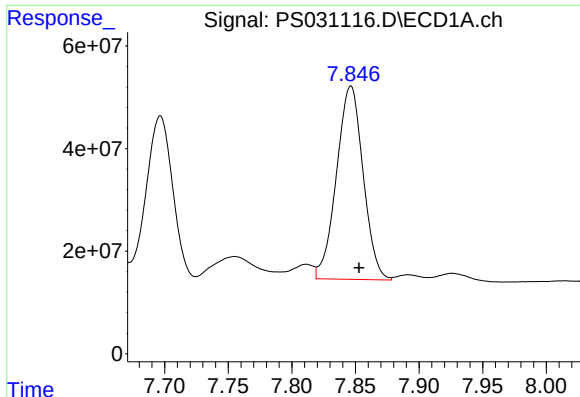
#6 MCP

R.T.: 7.697 min
Delta R.T.: -0.006 min
Response: 380841844
Conc: 41.39 ug/ml



#6 MCP

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 74819756
Conc: 35.00 ug/ml



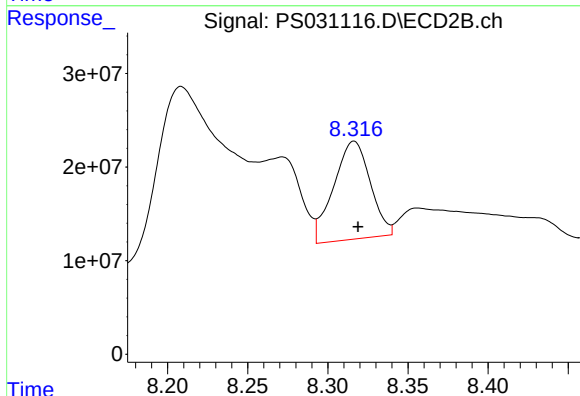
#7 MCPA

R.T.: 7.846 min
Delta R.T.: -0.006 min
Response: 549537958
Conc: 50.38 ug/ml

Instrument :
ECD_S
ClientSampleId :
WC-SOIL-20250711MSD

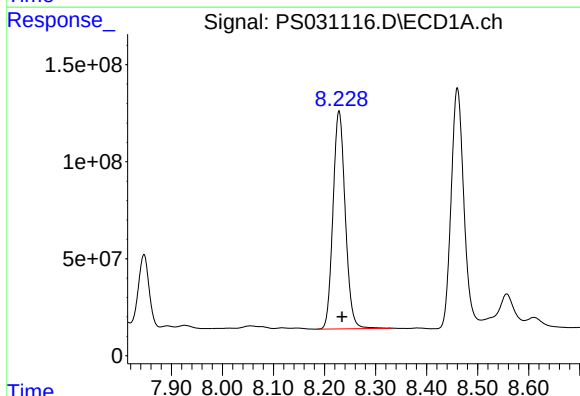
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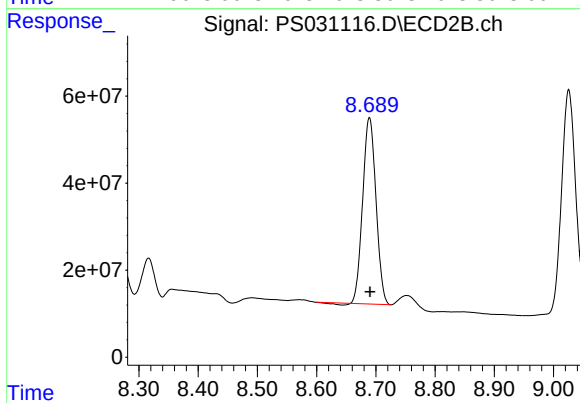
#7 MCPA

R.T.: 8.316 min
Delta R.T.: -0.003 min
Response: 166656881
Conc: 51.99 ug/ml



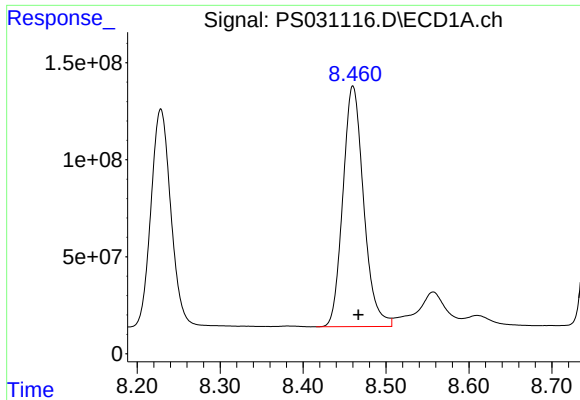
#8 DICHLORPROP

R.T.: 8.228 min
Delta R.T.: -0.006 min
Response: 1871494829
Conc: 549.61 ng/ml



#8 DICHLORPROP

R.T.: 8.689 min
Delta R.T.: -0.001 min
Response: 664916388
Conc: 437.66 ng/ml



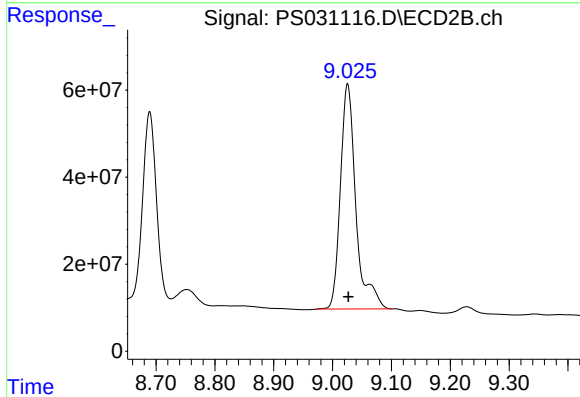
#9 2,4-D

R.T.: 8.460 min
Delta R.T.: -0.007 min
Response: 2157962311
Conc: 700.99 ng/ml

Instrument :
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ClientSampleId :
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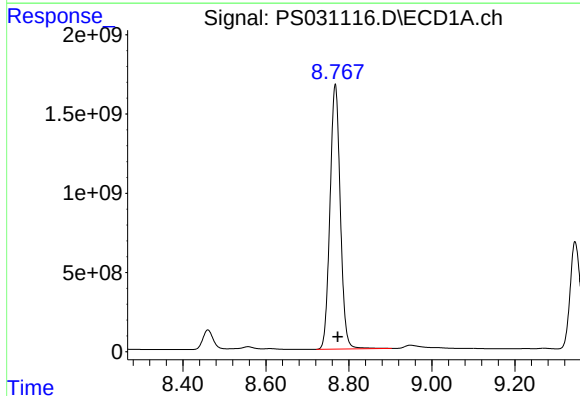
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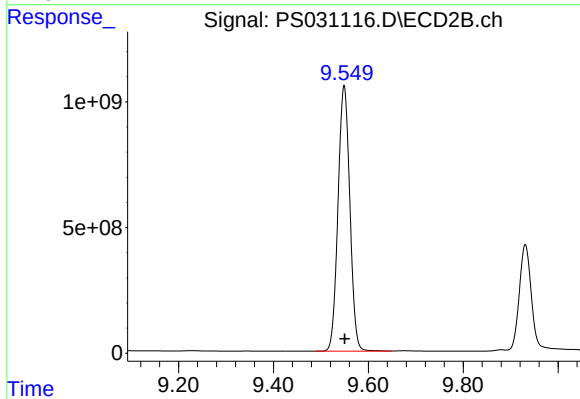
#9 2,4-D

R.T.: 9.026 min
Delta R.T.: -0.001 min
Response: 947695854
Conc: 557.64 ng/ml



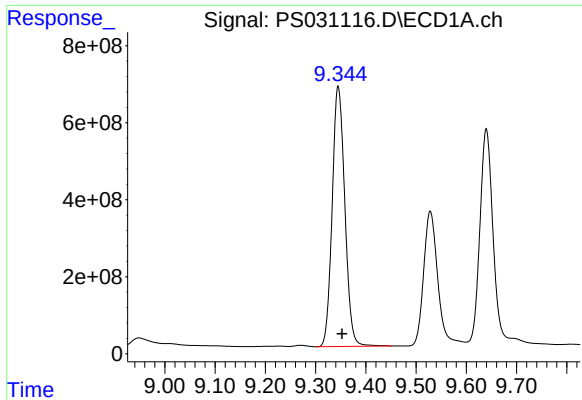
#10 Pentachlorophenol

R.T.: 8.767 min
Delta R.T.: -0.006 min
Response: 28806883825
Conc: 573.14 ng/ml



#10 Pentachlorophenol

R.T.: 9.549 min
Delta R.T.: -0.001 min
Response: 18320284360
Conc: 475.42 ng/ml



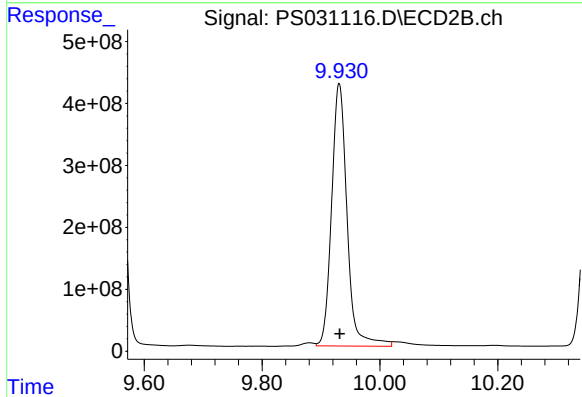
#11 2,4,5-TP (SILVEX)

R.T.: 9.345 min
Delta R.T.: -0.008 min
Response: 11820066959
Conc: 635.12 ng/ml

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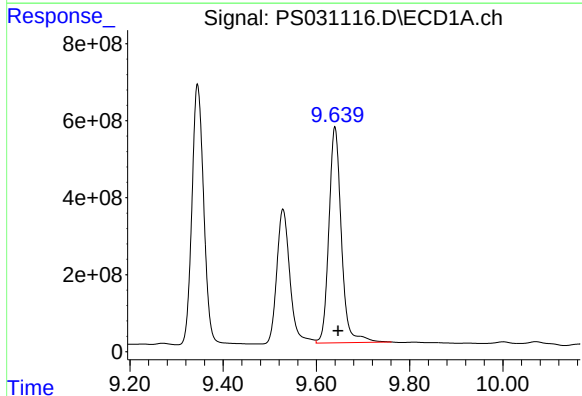
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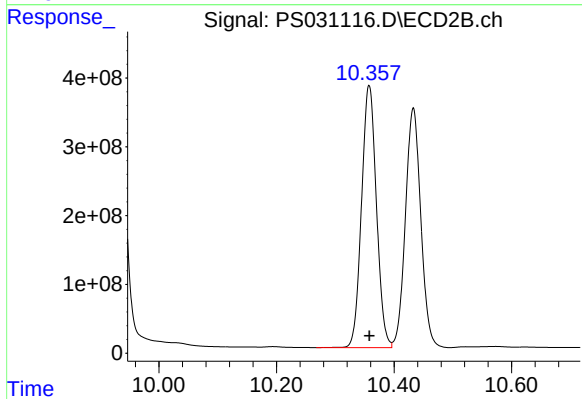
#11 2,4,5-TP (SILVEX)

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 7712170993
Conc: 525.50 ng/ml m



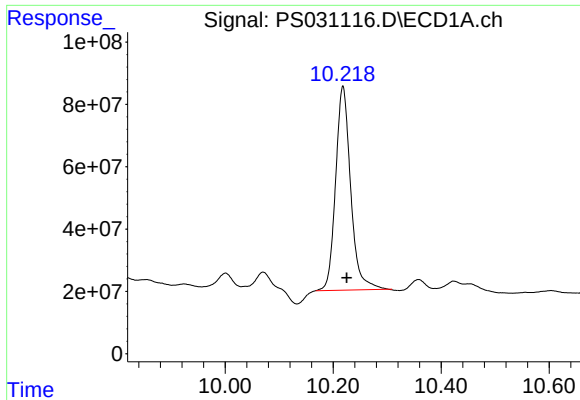
#12 2,4,5-T

R.T.: 9.640 min
Delta R.T.: -0.007 min
Response: 10415230571
Conc: 684.61 ng/ml



#12 2,4,5-T

R.T.: 10.358 min
Delta R.T.: 0.000 min
Response: 6703967976
Conc: 479.13 ng/ml



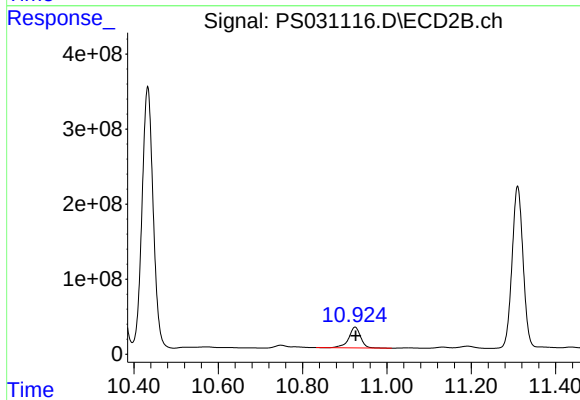
#13 2,4-DB

R.T.: 10.218 min
Delta R.T.: -0.007 min
Response: 1267393509
Conc: 583.84 ng/ml

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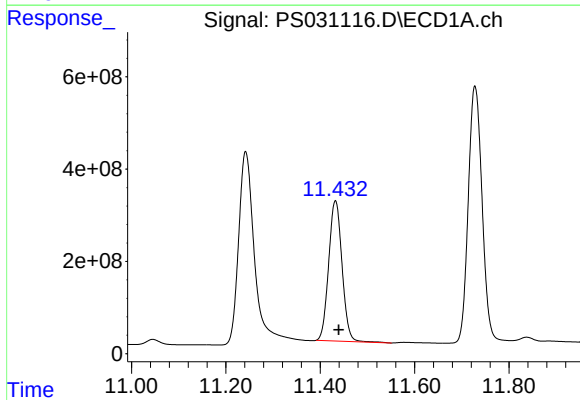
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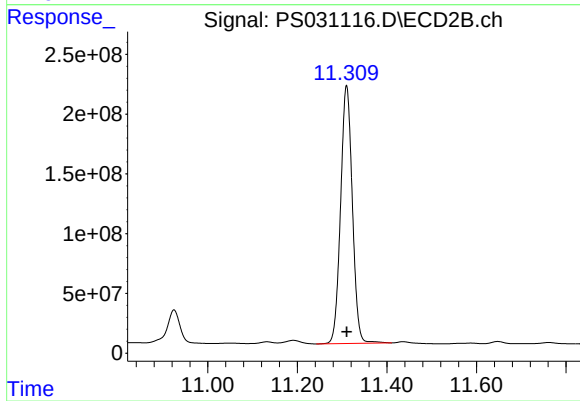
#13 2,4-DB

R.T.: 10.924 min
Delta R.T.: -0.001 min
Response: 540975914
Conc: 457.22 ng/ml



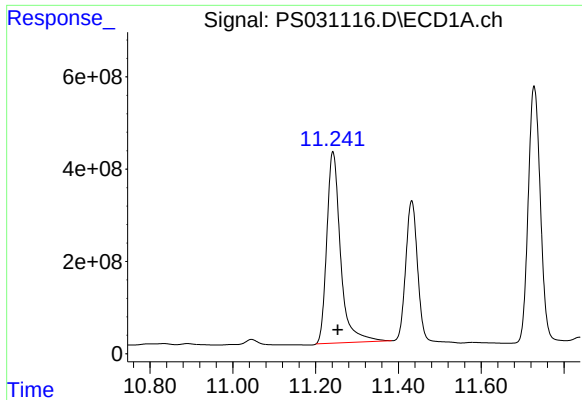
#14 DINOSEB

R.T.: 11.432 min
Delta R.T.: -0.007 min
Response: 5974470306
Conc: 453.16 ng/ml



#14 DINOSEB

R.T.: 11.310 min
Delta R.T.: 0.000 min
Response: 3927664574
Conc: 346.00 ng/ml



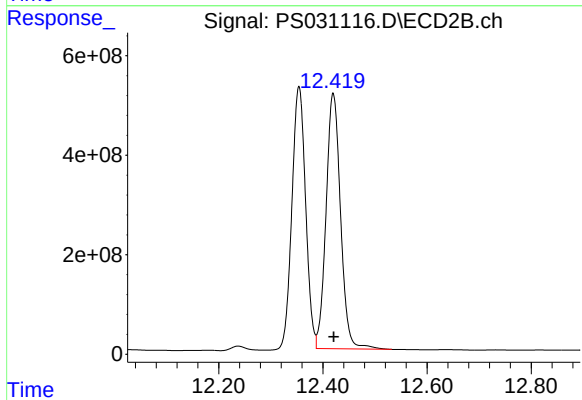
#15 Picloram

R.T.: 11.242 min
Delta R.T.: -0.012 min
Response: 9560477182
Conc: 656.09 ng/ml

Instrument :
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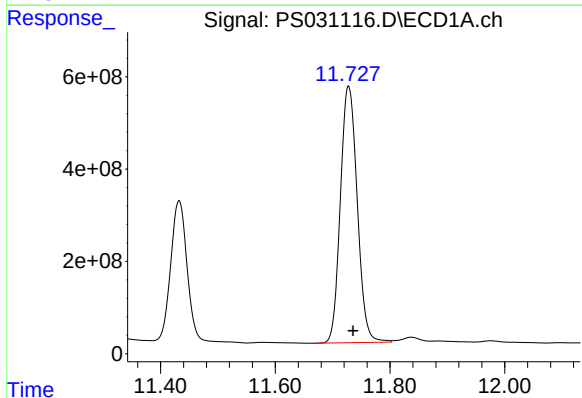
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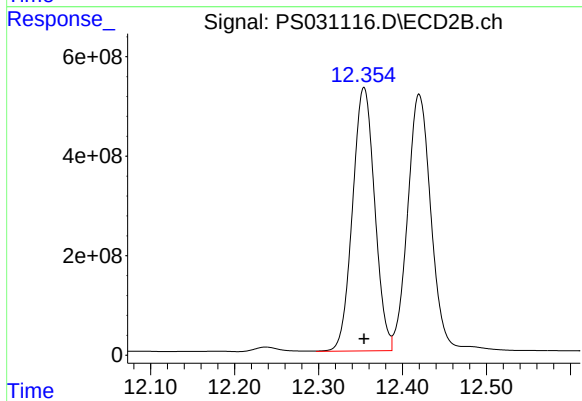
#15 Picloram

R.T.: 12.420 min
Delta R.T.: -0.001 min
Response: 9925975322
Conc: 422.73 ng/ml



#16 DCPA

R.T.: 11.728 min
Delta R.T.: -0.008 min
Response: 11316888786
Conc: 472.77 ng/ml



#16 DCPA

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 9715645503
Conc: 430.81 ng/ml m