

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030296.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 00:38
 Operator : AR\AJ
 Sample : Q2027-03MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B27-SOIL-SAMPLEMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/20/2025
 Supervised By : mohammad ahmed 05/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:49:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
 Quant Title : 8080.M
 QLast Update : Mon May 12 14:29:24 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	6.931	7.450	1451.5E6	396.5E6	509.696	495.540
Target Compounds						
1) T Dalapon	2.444	2.516	1860.9E6	1447.8E6	378.579	712.854 #
2) T 3,5-DICHL...	6.136	6.450	2066.2E6	555.5E6	495.417	476.474
3) T 4-Nitroph...	6.725	6.986	25581872	9461219	12.385	9.062 #
5) T DICAMBA	7.106	7.635	5153.1E6	2258.3E6	445.869	477.651
6) T MCPP	7.284	7.742	599.4E6	76224570	82.309	41.432 #
7) T MCPA	7.426	7.968	477.4E6	145.2E6	45.990	55.066m
8) T DICHLORPROP	7.786	8.327	1454.5E6	626.0E6	497.878	529.859
9) T 2,4-D	8.005	8.639	1854.2E6	734.0E6	565.482	568.737
10) T Pentachlo...	8.283	9.138	20557.9E6	12341.2E6	507.593	499.947
11) T 2,4,5-TP ...	8.846	9.517	8520.7E6	5304.4E6	526.100	538.497
12) T 2,4,5-T	9.128	9.920	8351.3E6	4678.1E6	505.674	508.291
13) T 2,4-DB	9.687	10.478	1245.2E6	436.7E6	477.115	440.087
14) T DINOSEB	10.846	10.852	4596.5E6	3065.3E6	401.918	448.674
15) T Picloram	10.666	11.889	9313.5E6	5606.5E6	435.478	398.382m
16) T DCPA	11.148	11.884	9592.4E6	6667.3E6	481.754	493.489m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
Data File : PS030296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 00:38
Operator : AR\AJ
Sample : Q2027-03MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

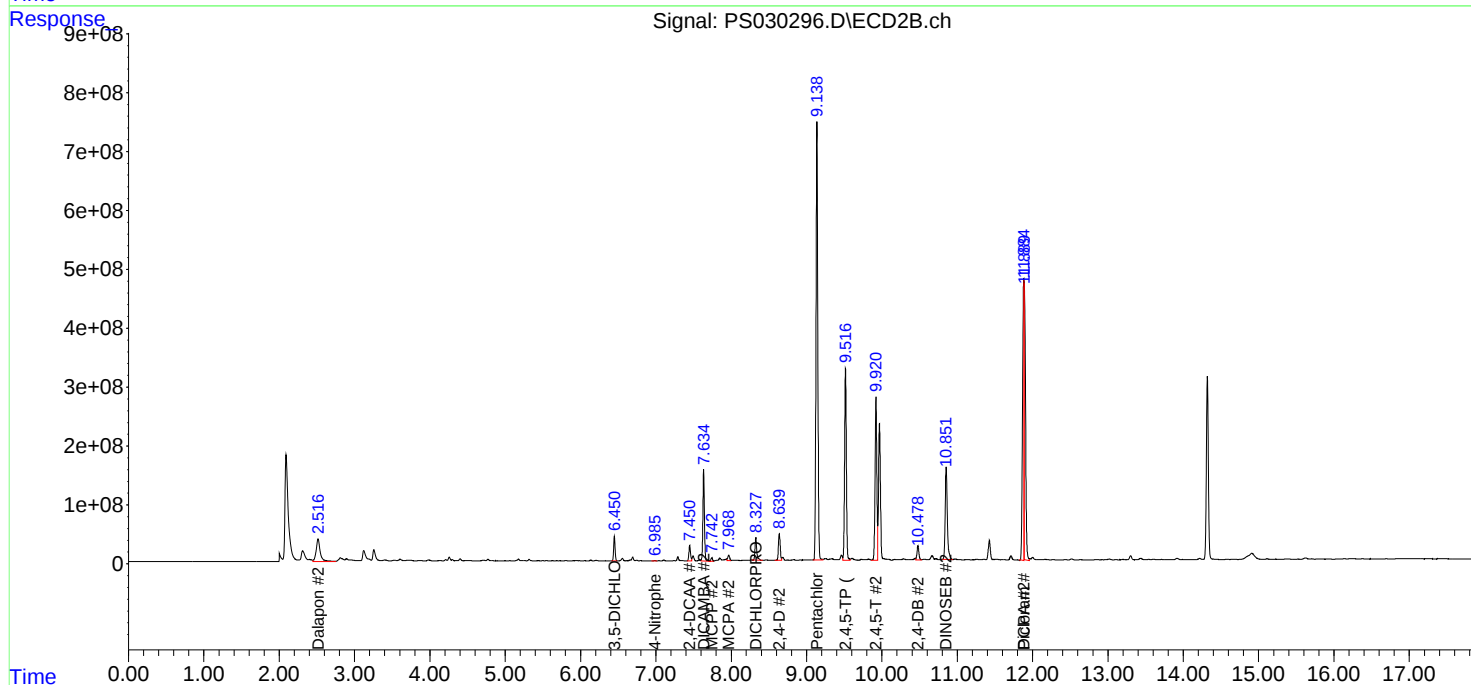
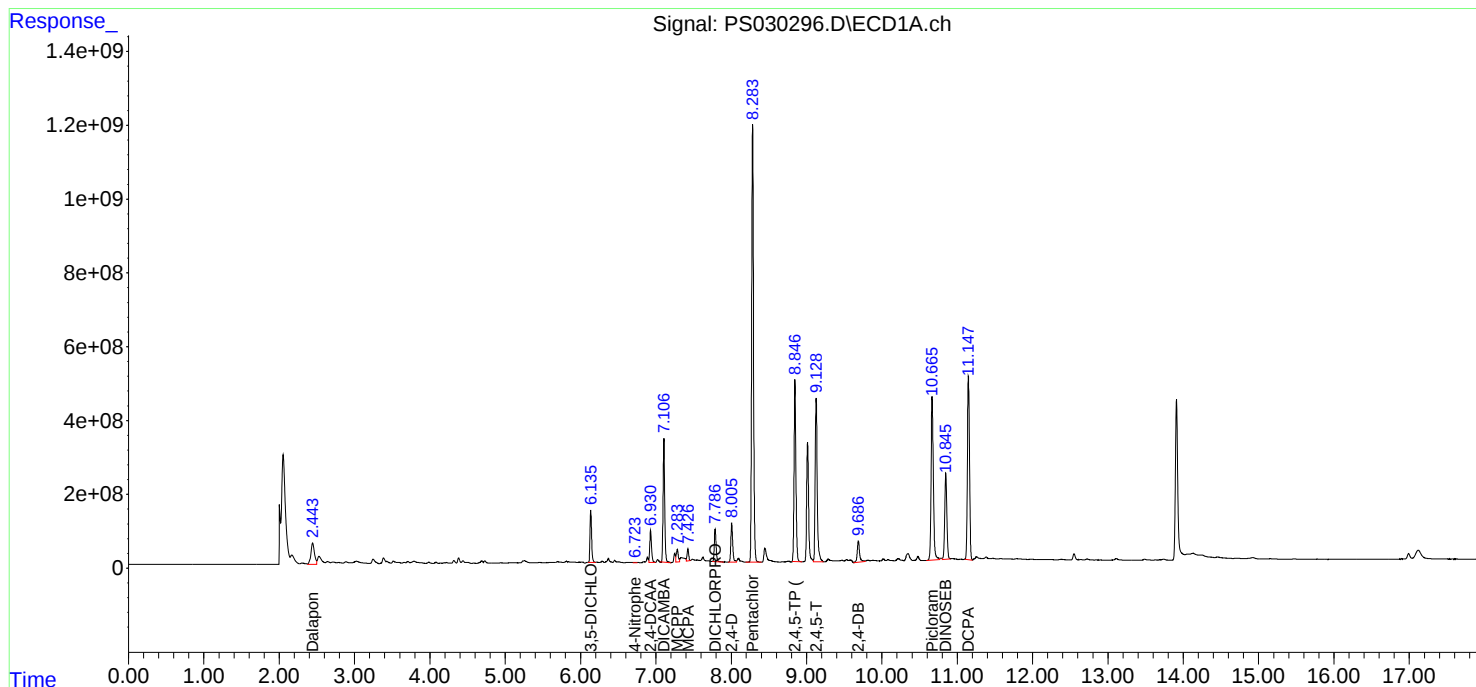
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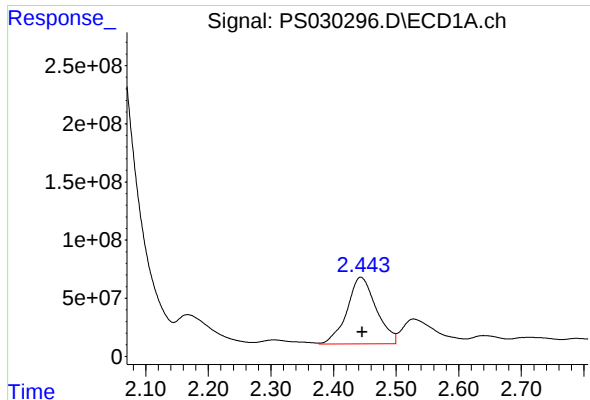
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 05:49:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS051225.M
Quant Title : 8080.M
QLast Update : Mon May 12 14:29:24 2025
Response via : Initial 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





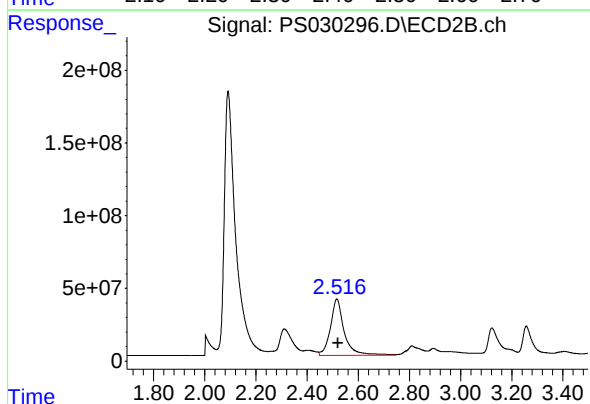
#1 Dalapon

R.T.: 2.444 min
Delta R.T.: -0.002 min
Response: 1860850141
Conc: 378.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMSD

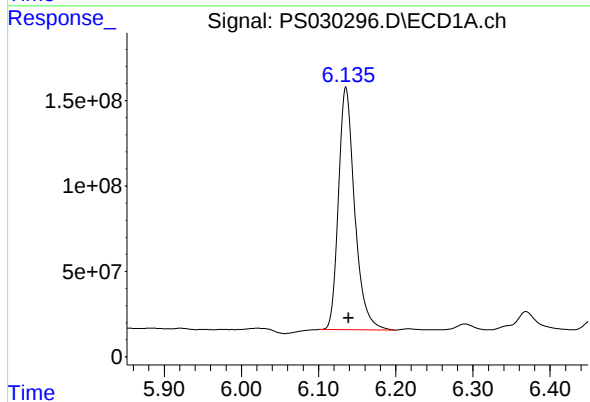
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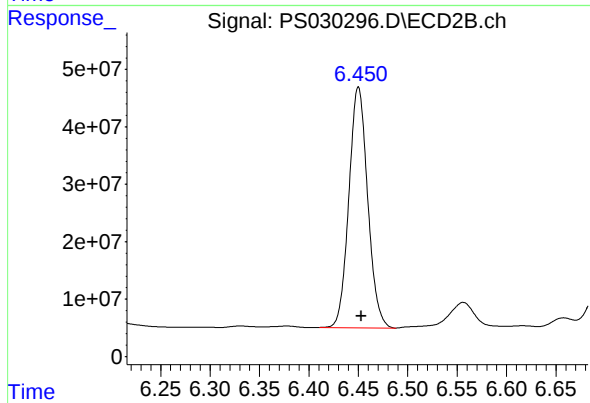
#1 Dalapon

R.T.: 2.516 min
Delta R.T.: -0.004 min
Response: 1447842288
Conc: 712.85 ng/ml



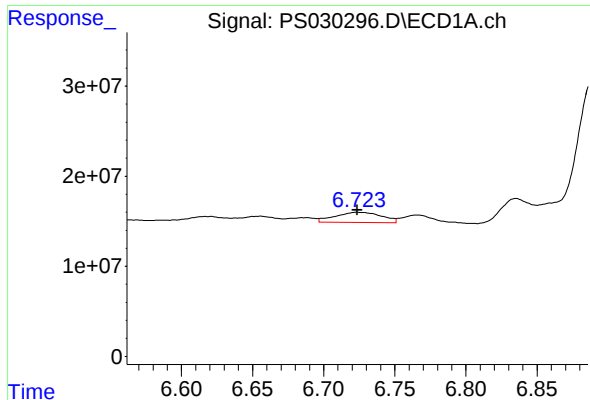
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 2066164157
Conc: 495.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 555487272
Conc: 476.47 ng/ml



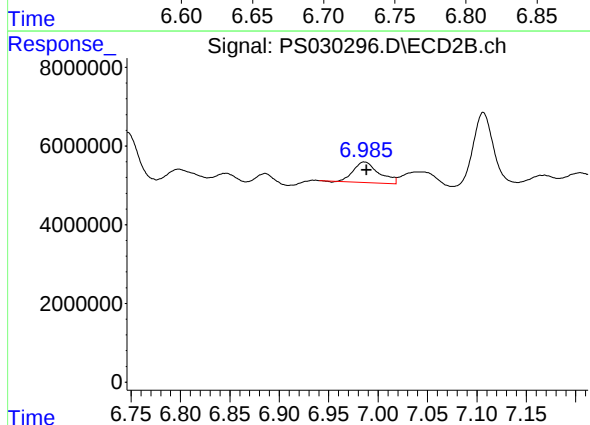
#3 4-Nitrophenol

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 25581872
Conc: 12.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMSD

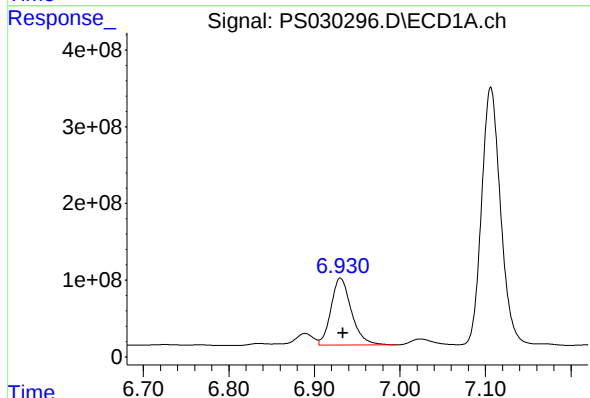
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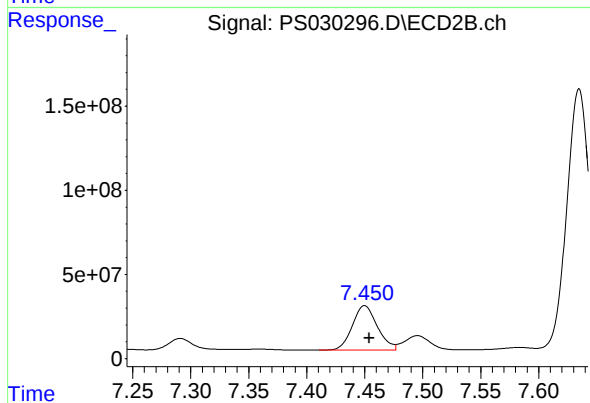
#3 4-Nitrophenol

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 9461219
Conc: 9.06 ng/ml



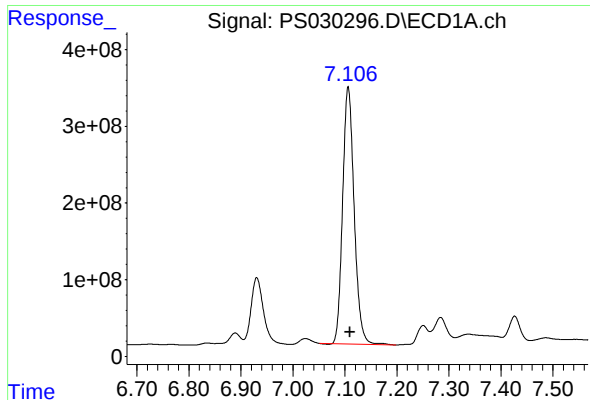
#4 2,4-DCAA

R.T.: 6.931 min
Delta R.T.: -0.003 min
Response: 1451516510
Conc: 509.70 ng/ml



#4 2,4-DCAA

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 396532611
Conc: 495.54 ng/ml



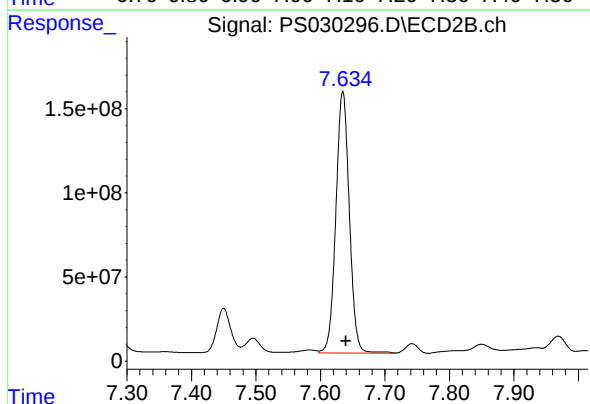
#5 DICAMBA

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 5153069517
Conc: 445.87 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMSD

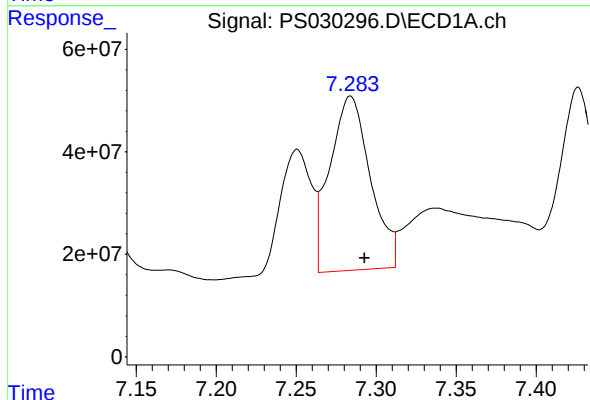
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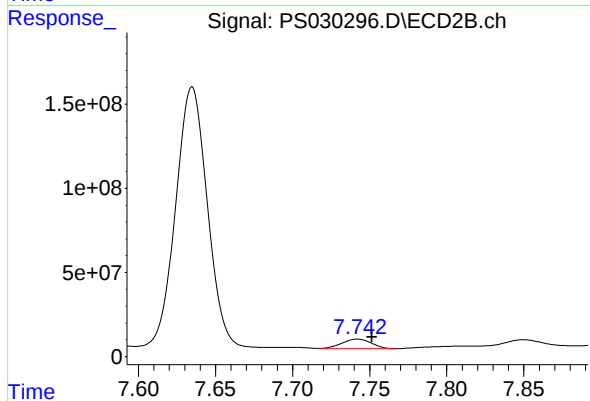
#5 DICAMBA

R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 2258324748
Conc: 477.65 ng/ml



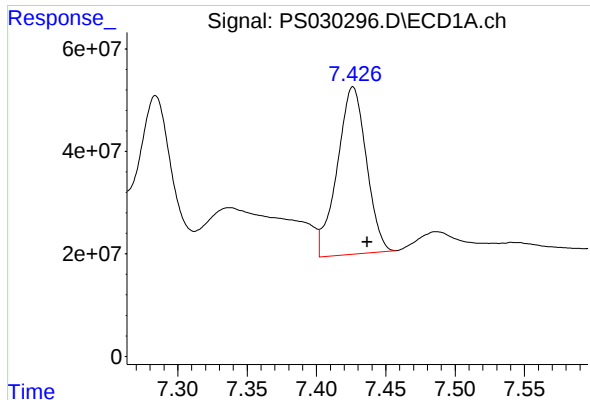
#6 MCP

R.T.: 7.284 min
Delta R.T.: -0.009 min
Response: 599427603
Conc: 82.31 ug/ml



#6 MCP

R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 76224570
Conc: 41.43 ug/ml



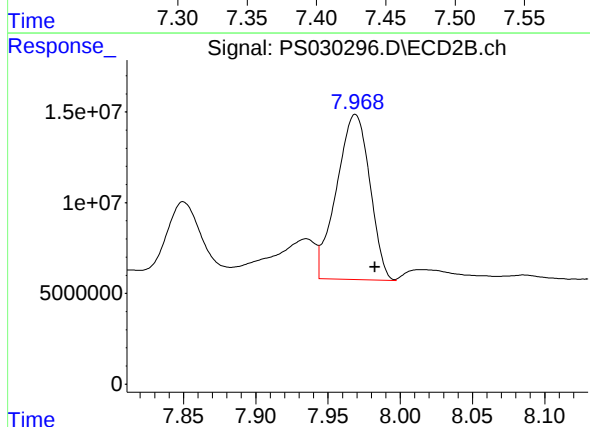
#7 MCPA

R.T.: 7.426 min
Delta R.T.: -0.010 min
Response: 477420735
Conc: 45.99 ug/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMSD

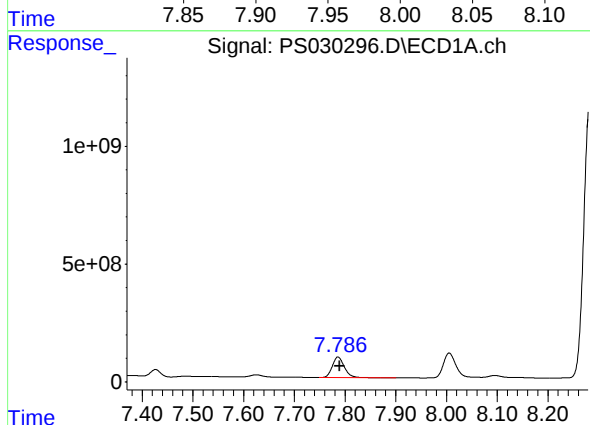
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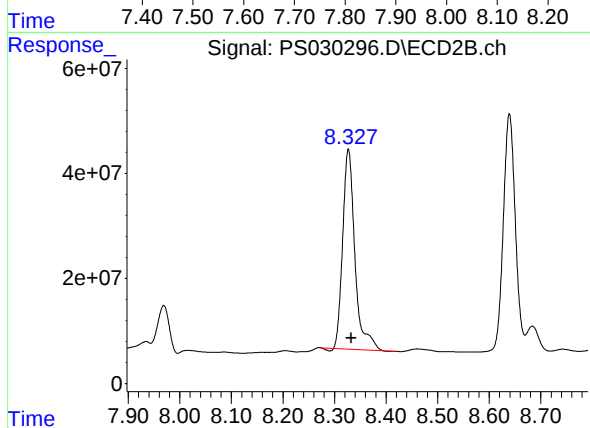
#7 MCPA

R.T.: 7.968 min
Delta R.T.: -0.014 min
Response: 145246765
Conc: 55.07 ug/ml



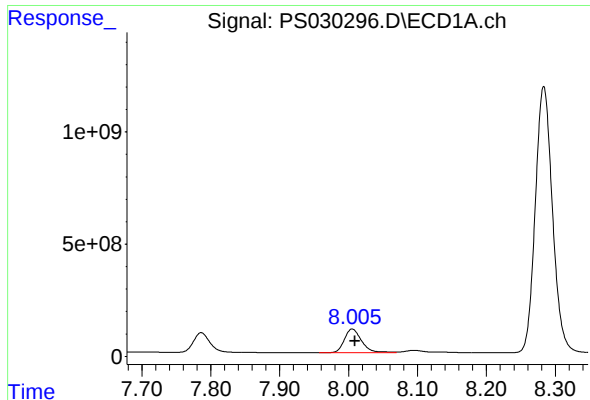
#8 DICHLORPROP

R.T.: 7.786 min
Delta R.T.: -0.003 min
Response: 1454473527
Conc: 497.88 ng/ml



#8 DICHLORPROP

R.T.: 8.327 min
Delta R.T.: -0.006 min
Response: 625992643
Conc: 529.86 ng/ml



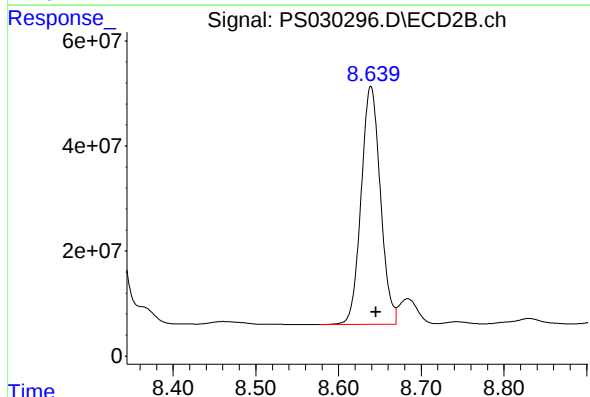
#9 2,4-D

R.T.: 8.005 min
Delta R.T.: -0.004 min
Response: 1854177862
Conc: 565.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMSD

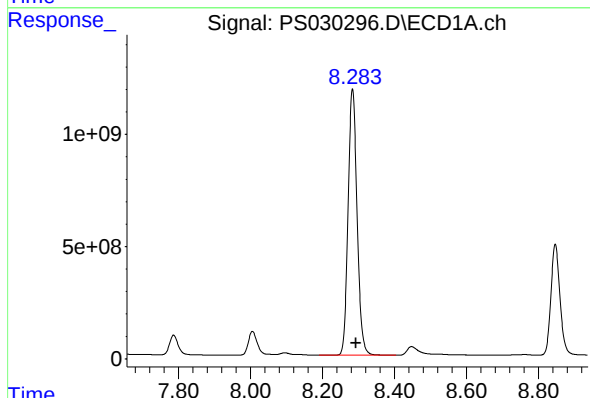
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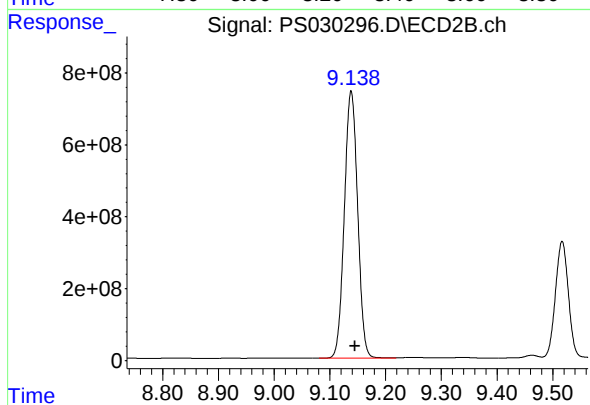
#9 2,4-D

R.T.: 8.639 min
Delta R.T.: -0.006 min
Response: 733955636
Conc: 568.74 ng/ml



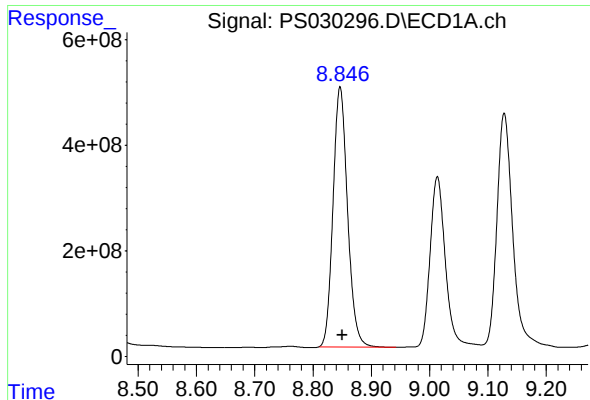
#10 Pentachlorophenol

R.T.: 8.283 min
Delta R.T.: -0.010 min
Response: 20557902204
Conc: 507.59 ng/ml



#10 Pentachlorophenol

R.T.: 9.138 min
Delta R.T.: -0.007 min
Response: 12341176276
Conc: 499.95 ng/ml



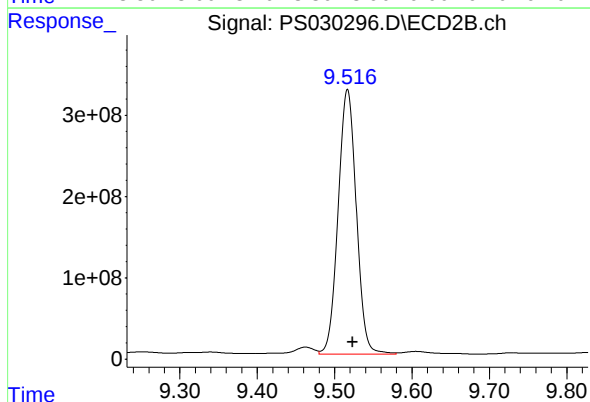
#11 2,4,5-TP (SILVEX)

R.T.: 8.846 min
Delta R.T.: -0.004 min
Response: 8520711059
Conc: 526.10 ng/ml

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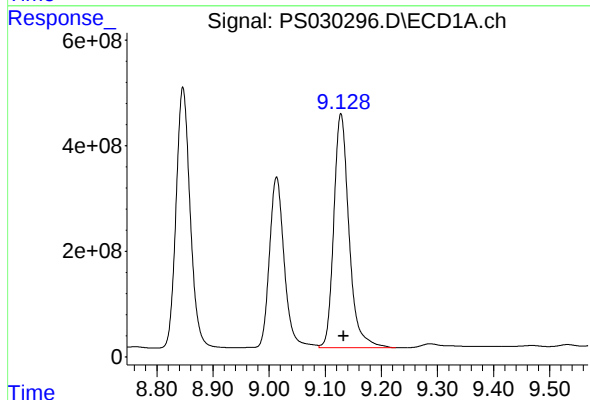
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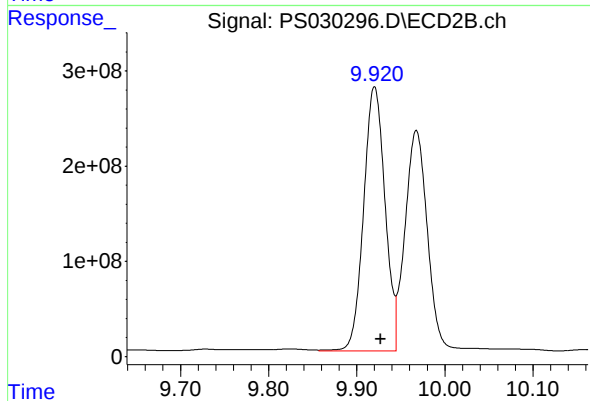
#11 2,4,5-TP (SILVEX)

R.T.: 9.517 min
Delta R.T.: -0.006 min
Response: 5304430336
Conc: 538.50 ng/ml



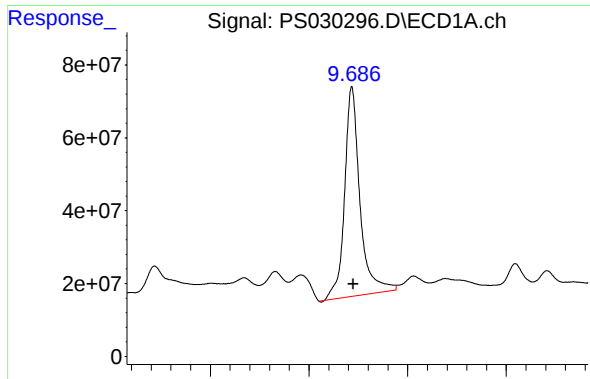
#12 2,4,5-T

R.T.: 9.128 min
Delta R.T.: -0.005 min
Response: 8351305467
Conc: 505.67 ng/ml



#12 2,4,5-T

R.T.: 9.920 min
Delta R.T.: -0.007 min
Response: 4678115022
Conc: 508.29 ng/ml



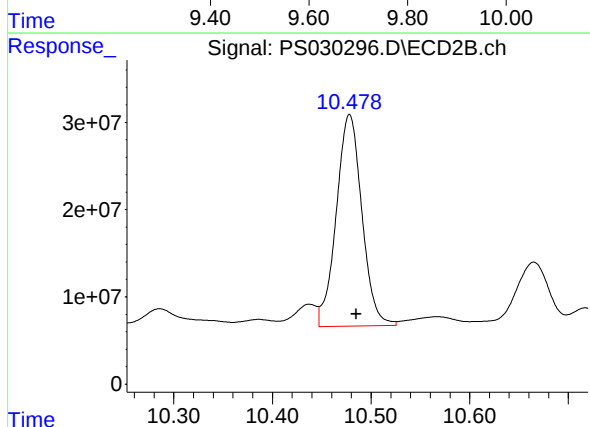
#13 2,4-DB

R.T.: 9.687 min
Delta R.T.: -0.004 min
Response: 1245163111
Conc: 477.12 ng/ml

Instrument :
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ClientSampleId :
B27-SOIL-SAMPLEMSD

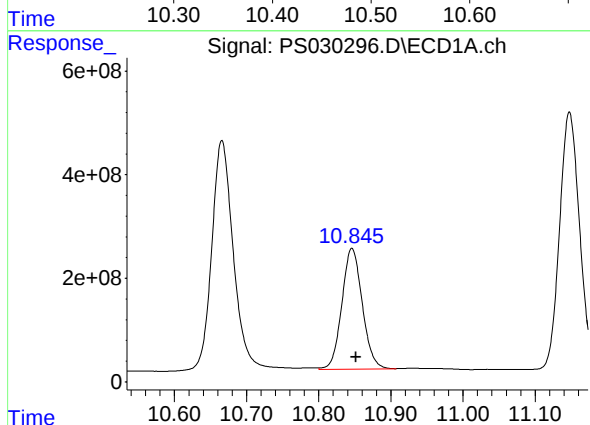
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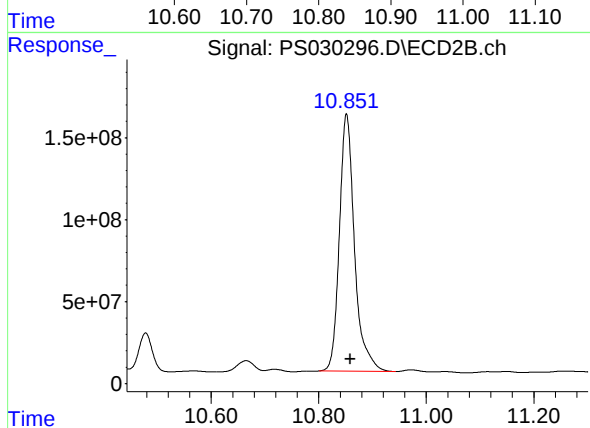
#13 2,4-DB

R.T.: 10.478 min
Delta R.T.: -0.007 min
Response: 436729705
Conc: 440.09 ng/ml



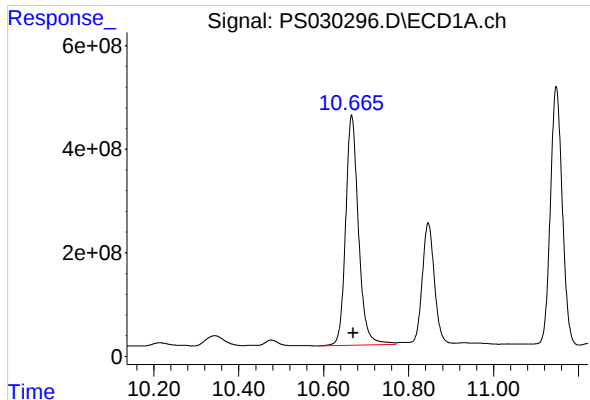
#14 DINOSEB

R.T.: 10.846 min
Delta R.T.: -0.005 min
Response: 4596475617
Conc: 401.92 ng/ml



#14 DINOSEB

R.T.: 10.852 min
Delta R.T.: -0.007 min
Response: 3065330305
Conc: 448.67 ng/ml



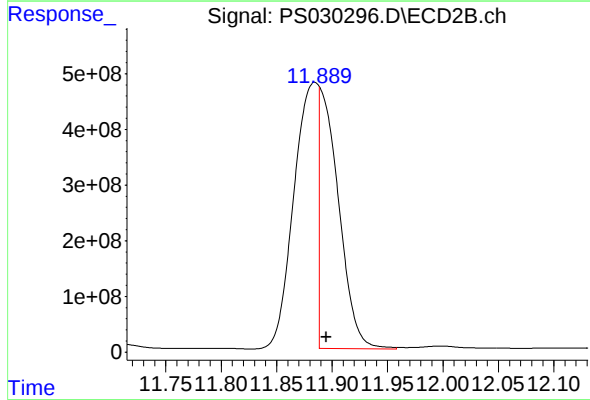
#15 Picloram

R.T.: 10.666 min
Delta R.T.: -0.004 min
Response: 9313547176
Conc: 435.48 ng/ml

Instrument :
ECD_S
ClientSampleId :
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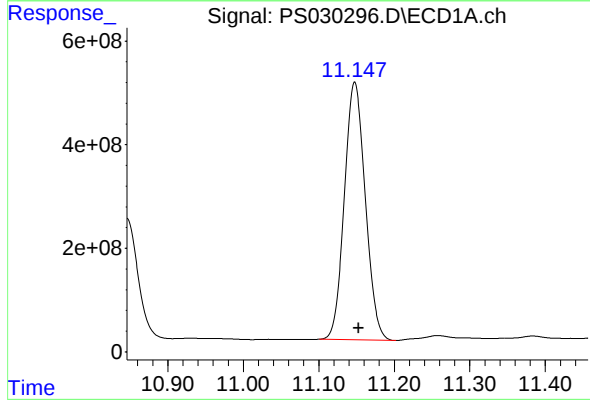
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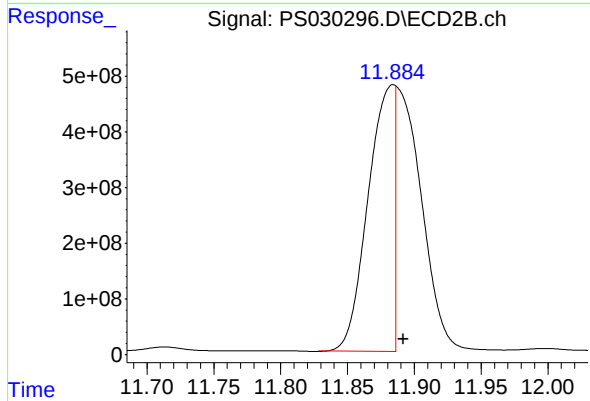
#15 Picloram

R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 5606479911
Conc: 398.38 ng/ml m



#16 DCPA

R.T.: 11.148 min
Delta R.T.: -0.005 min
Response: 9592432011
Conc: 481.75 ng/ml



#16 DCPA

R.T.: 11.884 min
Delta R.T.: -0.008 min
Response: 6667297719
Conc: 493.49 ng/ml m