

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS051925\
 Data File : PS030295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 00:14
 Operator : AR\AJ
 Sample : Q2027-03MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 B27-SOIL-SAMPLEMS

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 05:48:45 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 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	6.931	7.450	1448.0E6	398.1E6	508.467	497.467
Target Compounds							
1) T	Dalapon	2.444	2.516	1865.8E6	1476.0E6	379.588	726.716 #
2) T	3,5-DICHL...	6.136	6.450	2073.4E6	558.3E6	497.149	478.912
3) T	4-Nitroph...	6.726	6.987	27333126	9700357	13.232	9.291 #
5) T	DICAMBA	7.107	7.635	5139.6E6	2260.2E6	444.700	478.049
6) T	MCP	7.284	7.742	608.8E6	77174247	83.599	41.948 #
7) T	MCPA	7.427	7.970	477.5E6	155.0E6	45.999	58.750m#
8) T	DICHLORPROP	7.787	8.327	1457.4E6	636.7E6	498.864	538.899
9) T	2,4-D	8.006	8.639	1848.5E6	737.5E6	563.738	571.473
10) T	Pentachlo...	8.284	9.139	20726.9E6	12512.9E6	511.765	506.906
11) T	2,4,5-TP ...	8.847	9.517	8530.7E6	5345.2E6	526.716	542.632
12) T	2,4,5-T	9.129	9.921	8335.7E6	4697.9E6	504.730	510.444
13) T	2,4-DB	9.687	10.479	1240.0E6	433.7E6	475.152	436.993
14) T	DINOSEB	10.847	10.853	4680.0E6	3134.9E6	409.220	458.853
15) T	Picloram	10.667	11.886	9269.2E6	6521.4E6	433.405	463.393m
16) T	DCPA	11.149	11.884	9595.9E6	6571.3E6	481.929	486.382m

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

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Misc :
ALS Vial : 33 Sample Multiplier: 1

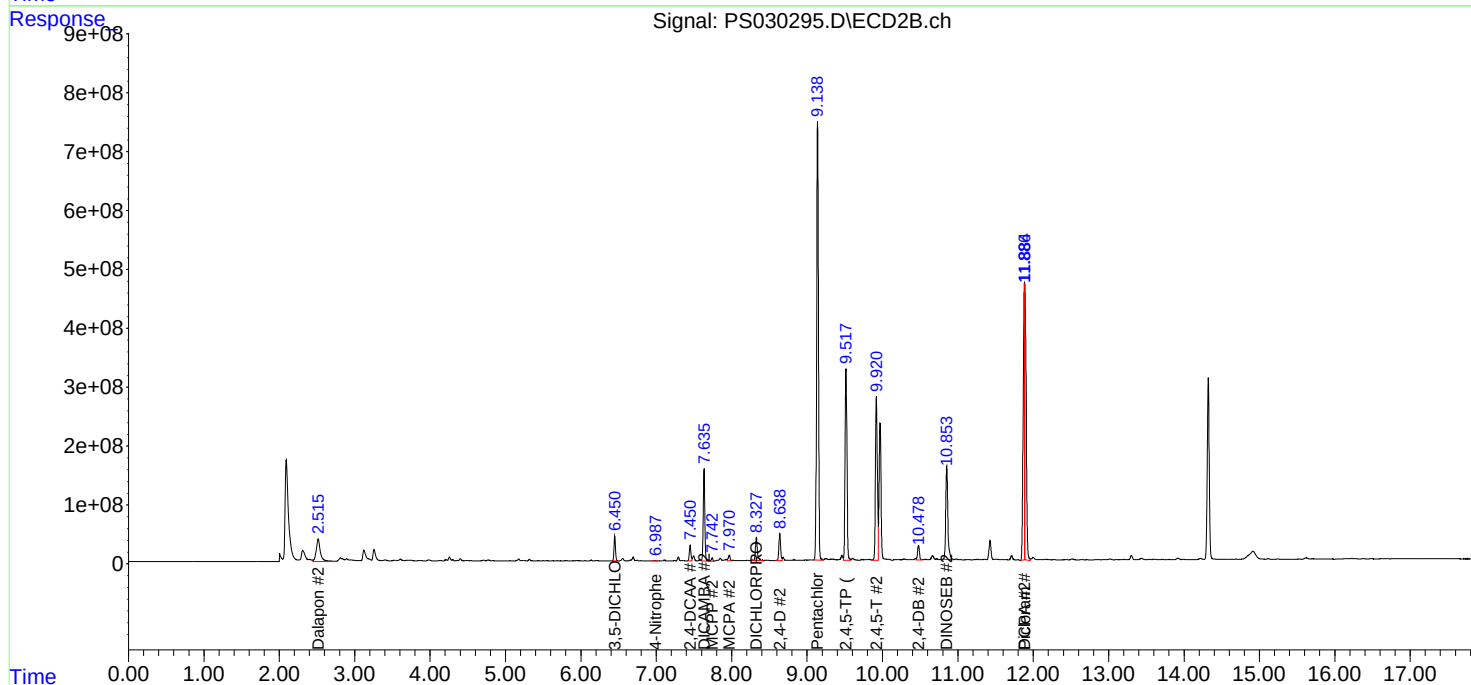
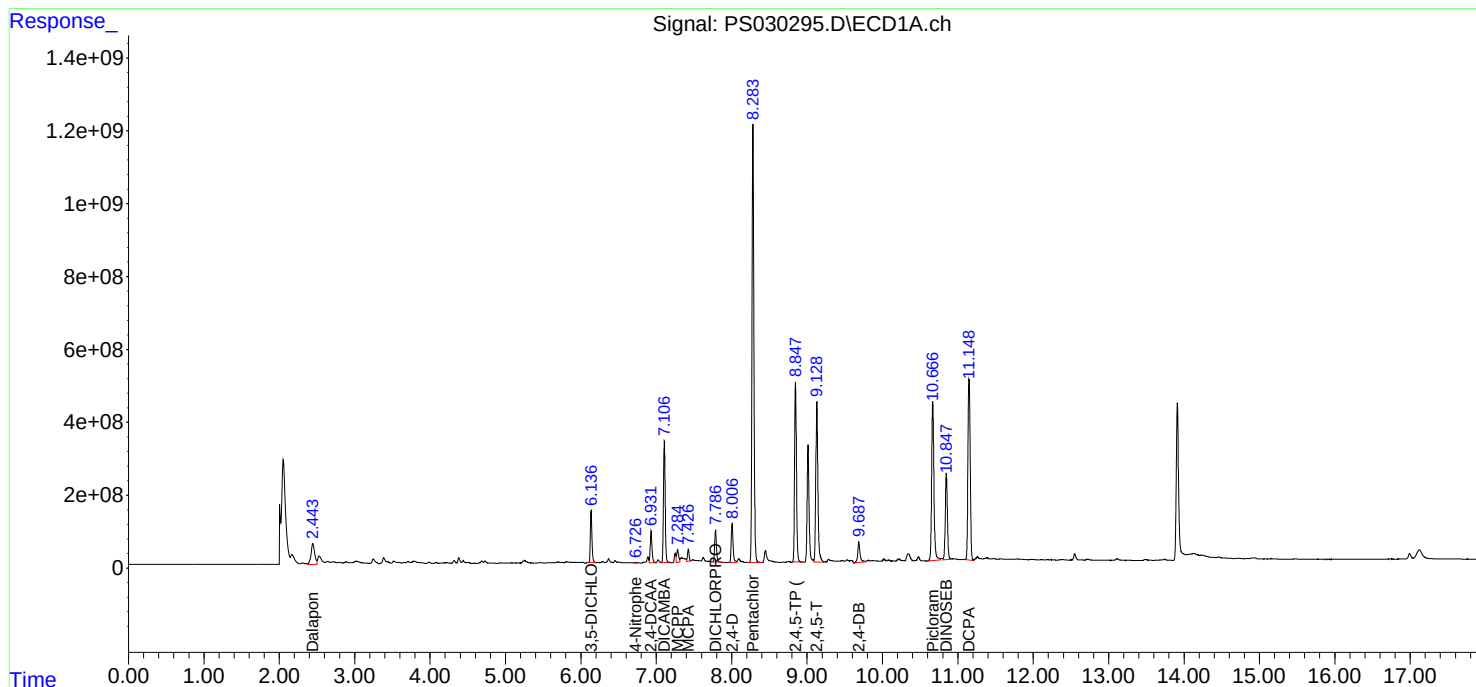
Instrument :
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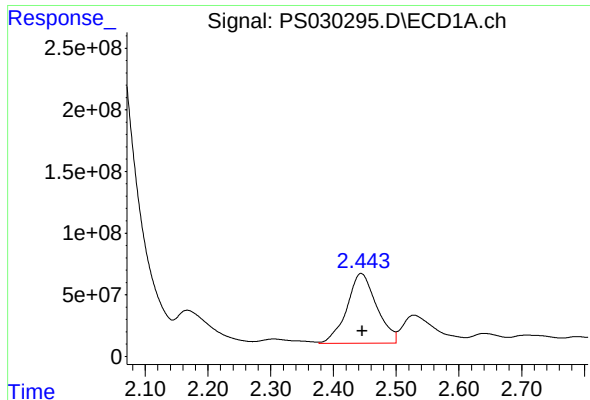
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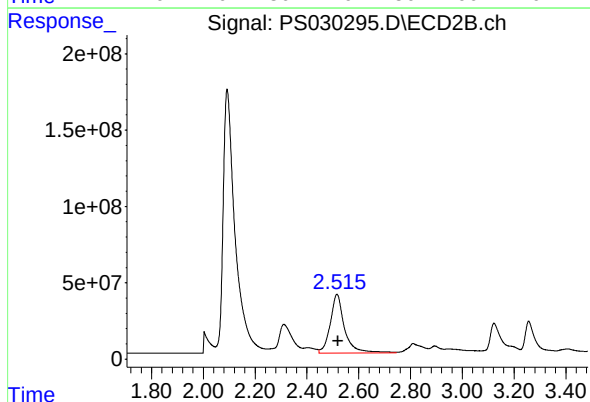
#1 Dalapon

R.T.: 2.444 min
Delta R.T.: -0.002 min
Response: 1865810601
Conc: 379.59 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMS

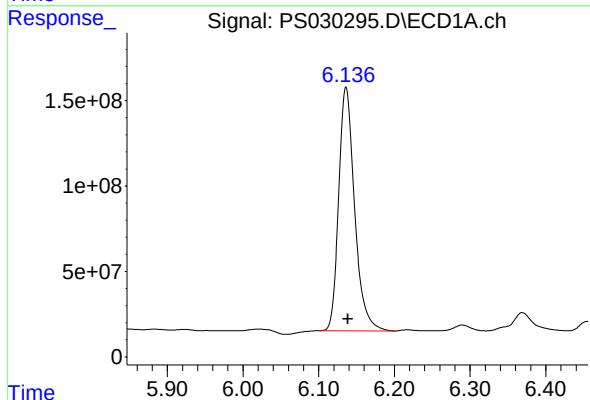
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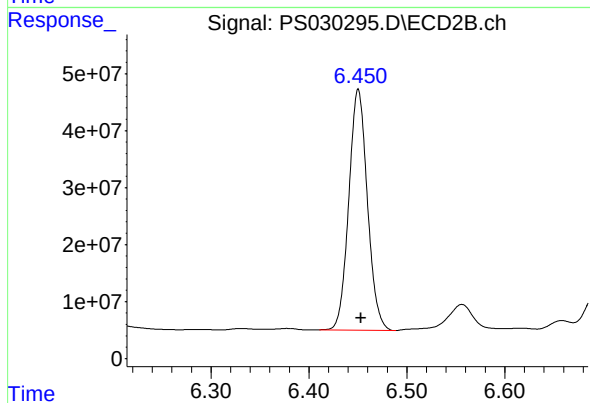
#1 Dalapon

R.T.: 2.516 min
Delta R.T.: -0.004 min
Response: 1475996728
Conc: 726.72 ng/ml



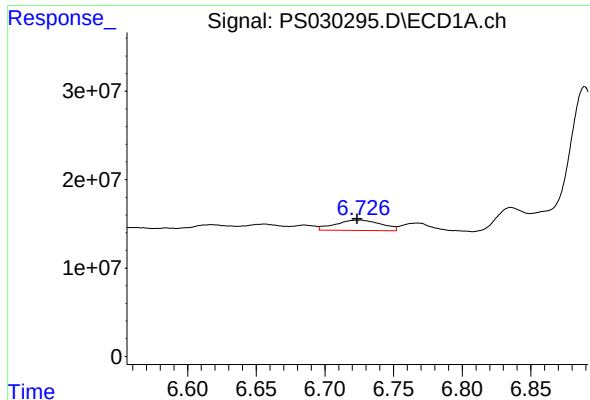
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.136 min
Delta R.T.: -0.002 min
Response: 2073387218
Conc: 497.15 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 558329562
Conc: 478.91 ng/ml



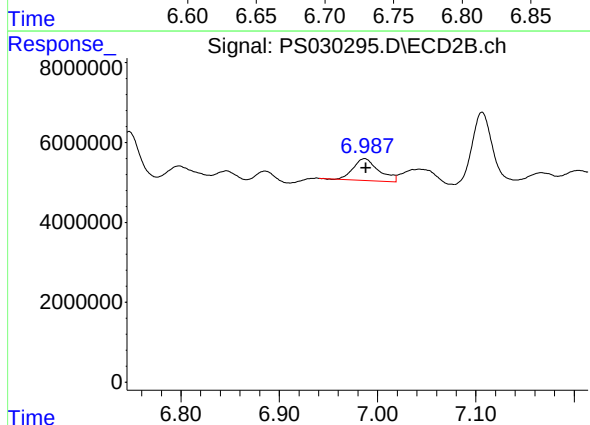
#3 4-Nitrophenol

R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 27333126
Conc: 13.23 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMS

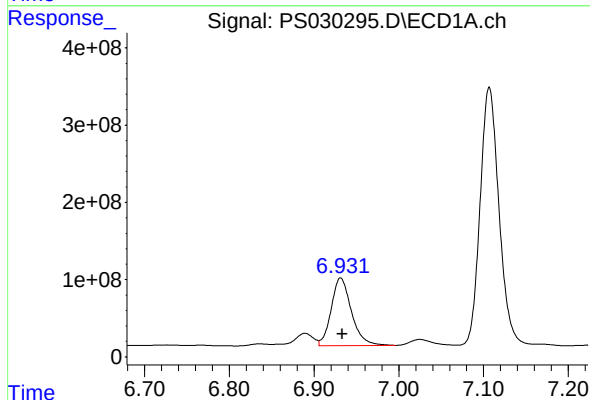
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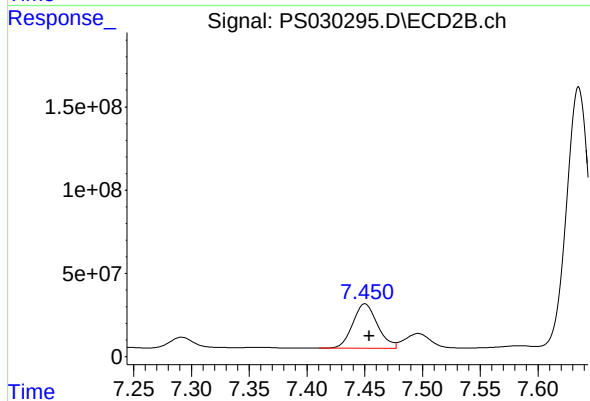
#3 4-Nitrophenol

R.T.: 6.987 min
Delta R.T.: -0.002 min
Response: 9700357
Conc: 9.29 ng/ml



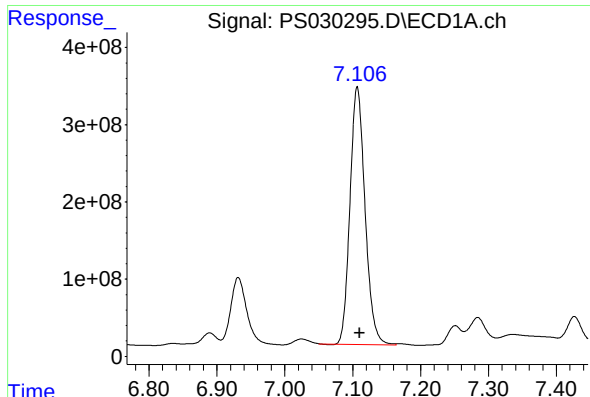
#4 2,4-DCAA

R.T.: 6.931 min
Delta R.T.: -0.002 min
Response: 1448015337
Conc: 508.47 ng/ml



#4 2,4-DCAA

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 398074503
Conc: 497.47 ng/ml



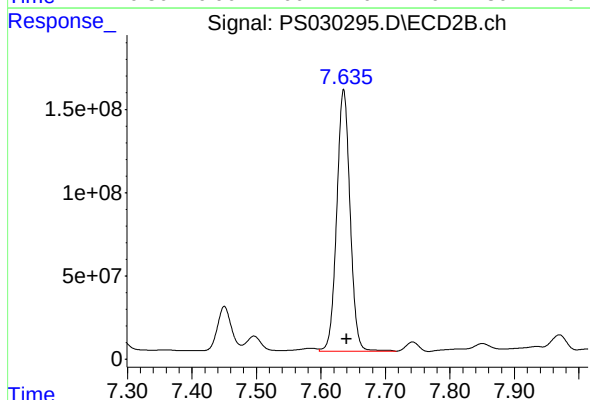
#5 DICAMBA

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 5139554789
Conc: 444.70 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMS

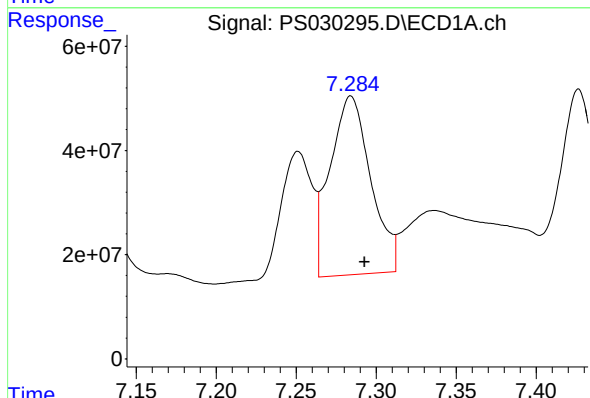
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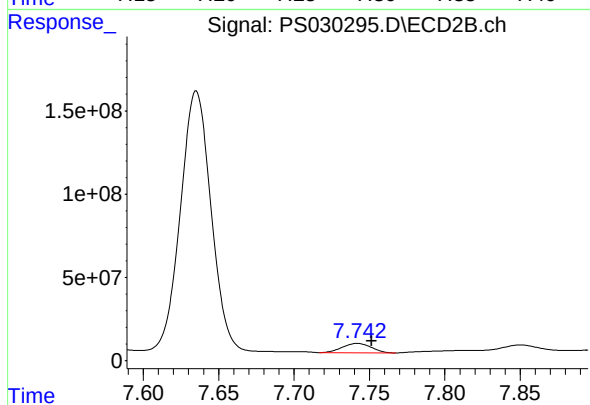
#5 DICAMBA

R.T.: 7.635 min
Delta R.T.: -0.005 min
Response: 2260206425
Conc: 478.05 ng/ml



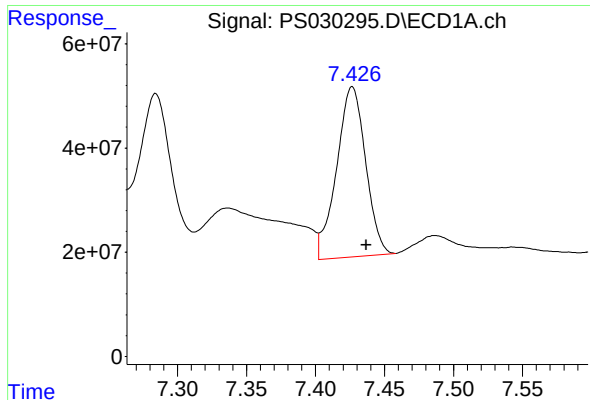
#6 MCP

R.T.: 7.284 min
Delta R.T.: -0.009 min
Response: 608826819
Conc: 83.60 ug/ml



#6 MCP

R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 77174247
Conc: 41.95 ug/ml



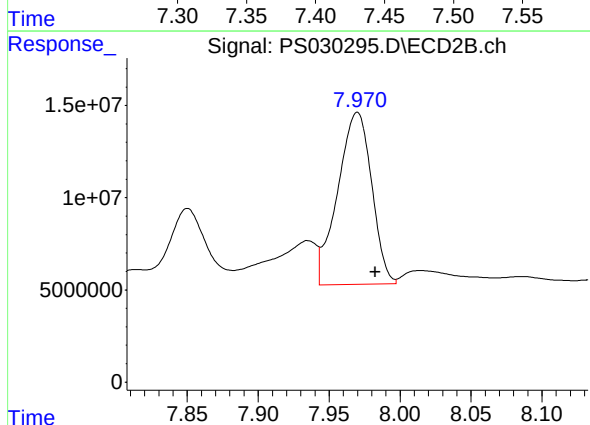
#7 MCPA

R.T.: 7.427 min
Delta R.T.: -0.010 min
Response: 477513800
Conc: 46.00 ug/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMS

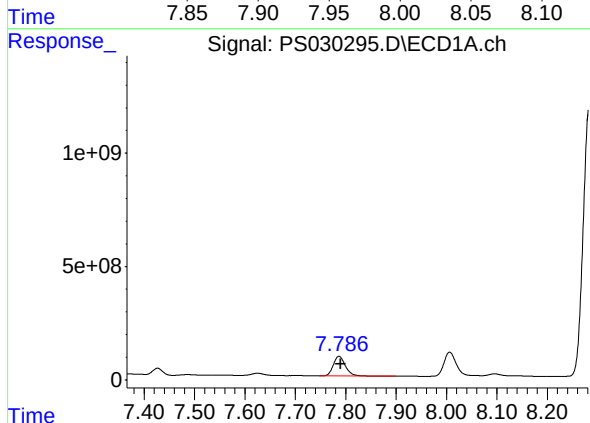
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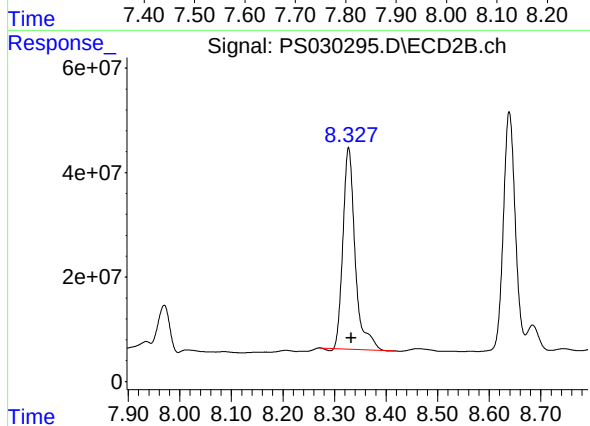
#7 MCPA

R.T.: 7.970 min
Delta R.T.: -0.013 min
Response: 154964499
Conc: 58.75 ug/ml



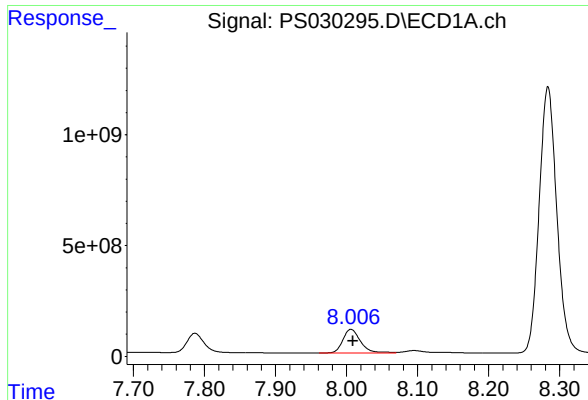
#8 DICHLORPROP

R.T.: 7.787 min
Delta R.T.: -0.003 min
Response: 1457354726
Conc: 498.86 ng/ml



#8 DICHLORPROP

R.T.: 8.327 min
Delta R.T.: -0.005 min
Response: 636672625
Conc: 538.90 ng/ml



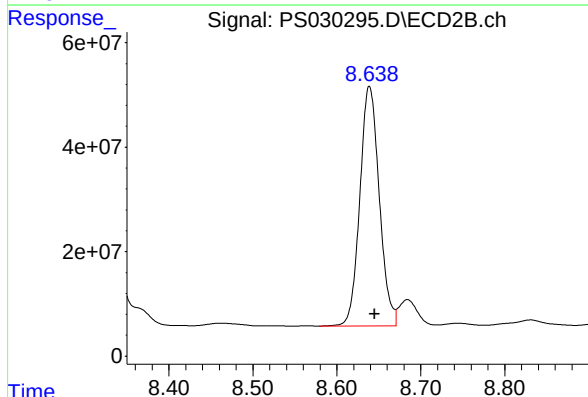
#9 2,4-D

R.T.: 8.006 min
Delta R.T.: -0.003 min
Response: 1848462205
Conc: 563.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMS

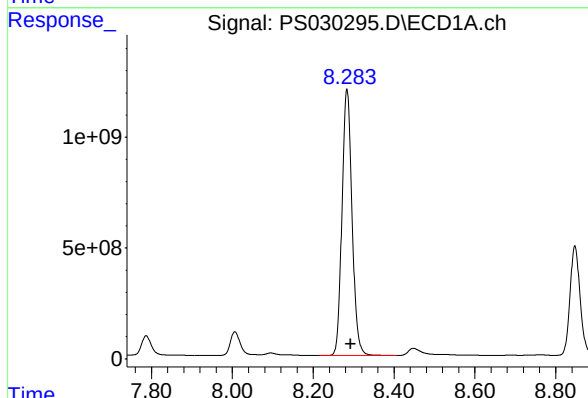
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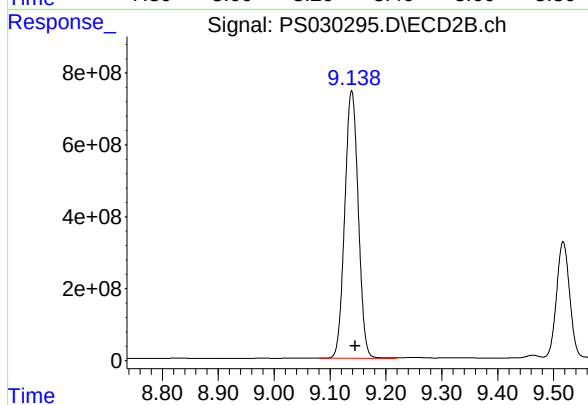
#9 2,4-D

R.T.: 8.639 min
Delta R.T.: -0.006 min
Response: 737486808
Conc: 571.47 ng/ml



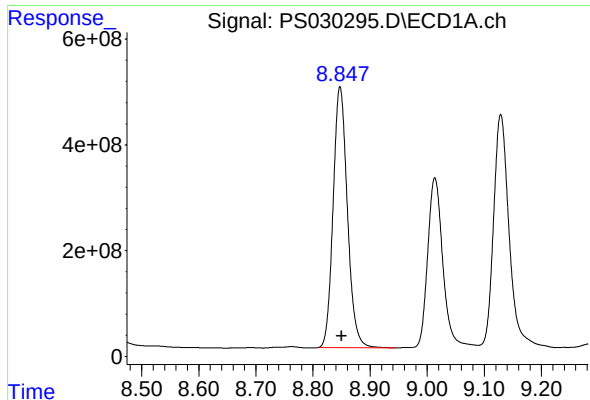
#10 Pentachlorophenol

R.T.: 8.284 min
Delta R.T.: -0.009 min
Response: 20726890183
Conc: 511.77 ng/ml



#10 Pentachlorophenol

R.T.: 9.139 min
Delta R.T.: -0.006 min
Response: 12512944033
Conc: 506.91 ng/ml



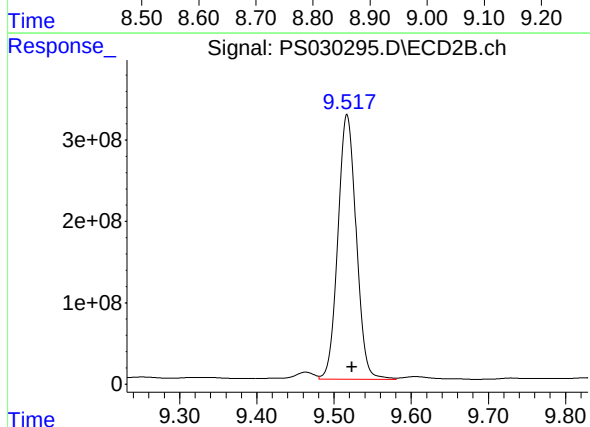
#11 2,4,5-TP (SILVEX)

R.T.: 8.847 min
Delta R.T.: -0.003 min
Response: 8530683800
Conc: 526.72 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMS

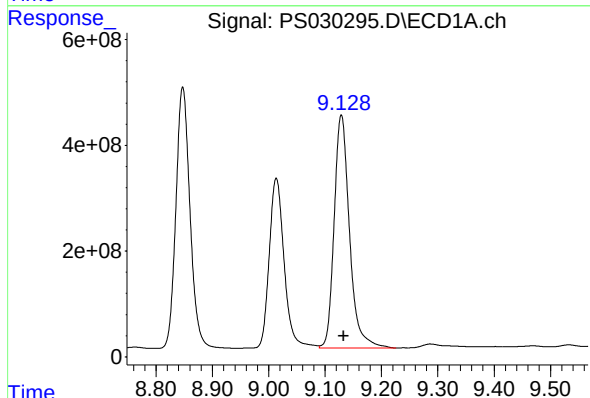
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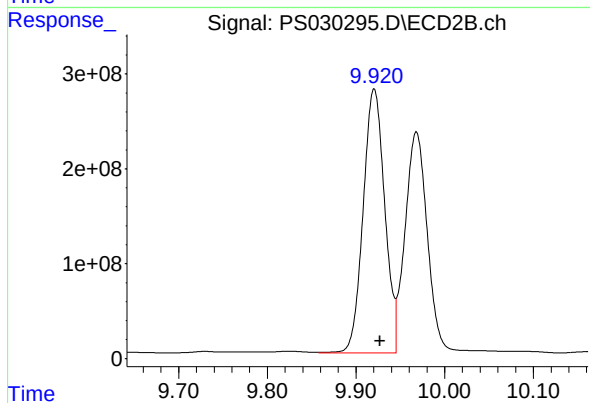
#11 2,4,5-TP (SILVEX)

R.T.: 9.517 min
Delta R.T.: -0.006 min
Response: 5345154293
Conc: 542.63 ng/ml



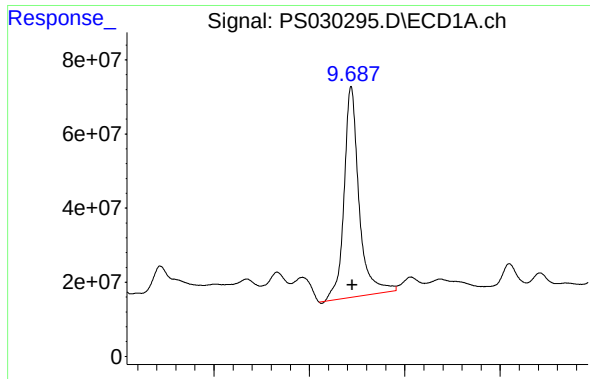
#12 2,4,5-T

R.T.: 9.129 min
Delta R.T.: -0.004 min
Response: 8335716789
Conc: 504.73 ng/ml



#12 2,4,5-T

R.T.: 9.921 min
Delta R.T.: -0.007 min
Response: 4697927254
Conc: 510.44 ng/ml



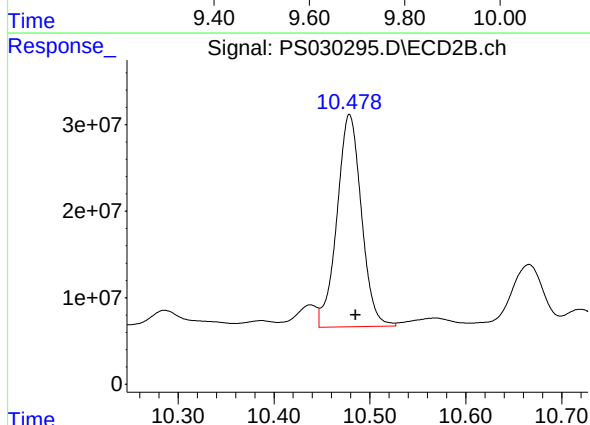
#13 2,4-DB

R.T.: 9.687 min
Delta R.T.: -0.003 min
Response: 1240038244
Conc: 475.15 ng/ml

Instrument :
ECD_S
ClientSampleId :
B27-SOIL-SAMPLEMS

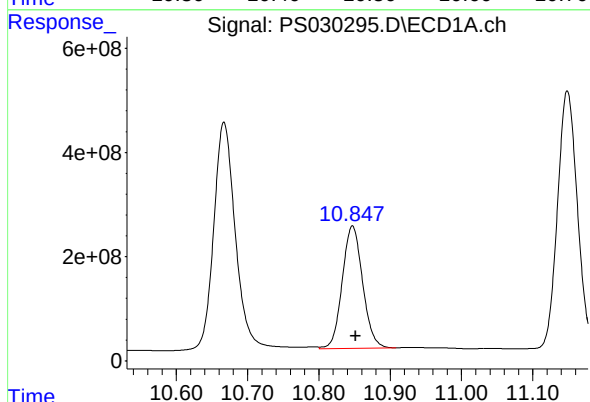
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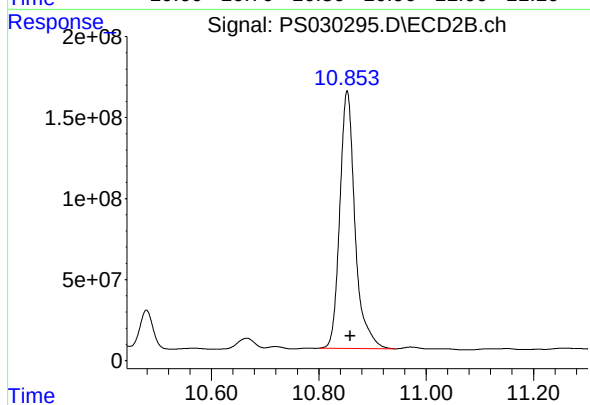
#13 2,4-DB

R.T.: 10.479 min
Delta R.T.: -0.006 min
Response: 433659371
Conc: 436.99 ng/ml



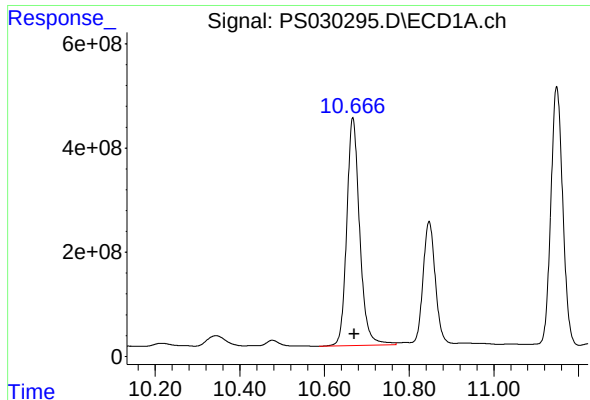
#14 DINOSEB

R.T.: 10.847 min
Delta R.T.: -0.004 min
Response: 4679987431
Conc: 409.22 ng/ml



#14 DINOSEB

R.T.: 10.853 min
Delta R.T.: -0.006 min
Response: 3134874793
Conc: 458.85 ng/ml



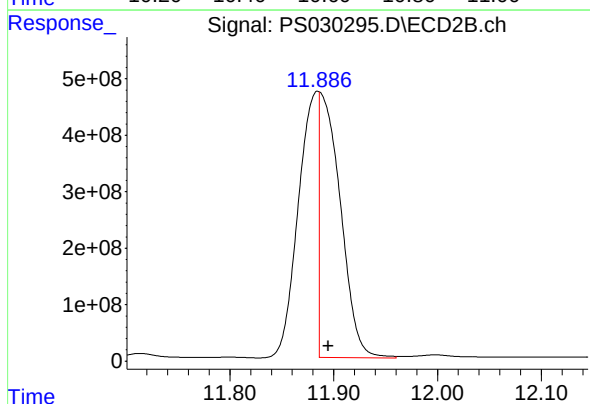
#15 Picloram

R.T.: 10.667 min
Delta R.T.: -0.003 min
Response: 9269214746
Conc: 433.40 ng/ml

Instrument :
ECD_S
ClientSampleId :
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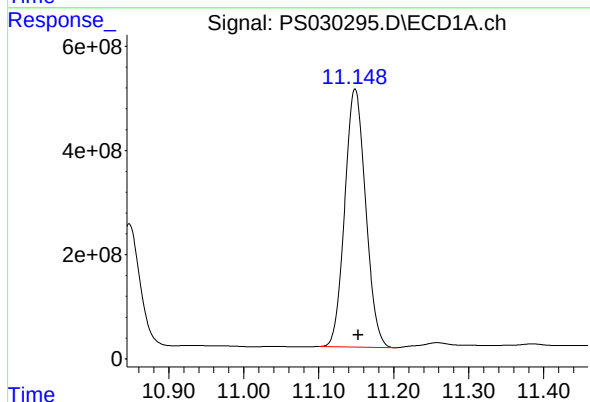
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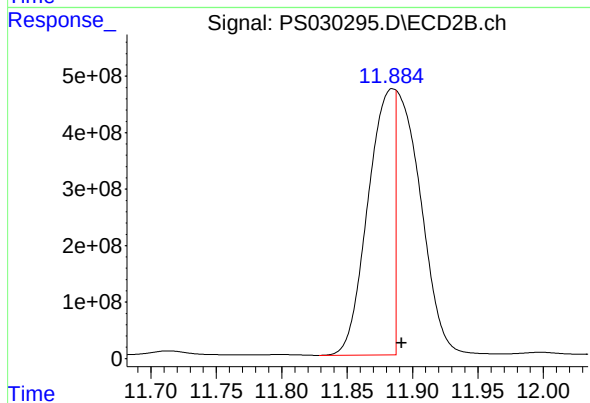
#15 Picloram

R.T.: 11.886 min
Delta R.T.: -0.009 min
Response: 6521388952
Conc: 463.39 ng/ml m



#16 DCPA

R.T.: 11.149 min
Delta R.T.: -0.004 min
Response: 9595929460
Conc: 481.93 ng/ml



#16 DCPA

R.T.: 11.884 min
Delta R.T.: -0.008 min
Response: 6571274119
Conc: 486.38 ng/ml m