

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101524\
 Data File : PS027956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 19:20
 Operator : AR\AJ
 Sample : P4403-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 Hawthorne TP SoilMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/16/2024
 Supervised By : Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 02:49:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 07 13:46:03 2024
 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	7.093	7.621	914.6E6	229.8E6	339.468m	231.304 #
Target Compounds							
1) T	Dalapon	2.543	2.597	1233.7E6	417.2E6	274.903	250.447
2) T	3,5-DICHL...	6.286	6.594	913.4E6	253.8E6	229.957	185.617
3) T	4-Nitroph...	6.890	7.158	202.3E6	92567082	110.794m	136.370
5) T	DICAMBA	7.273	7.815	2726.4E6	657.1E6	249.919	188.966
6) T	MCPD	7.448	7.915	138.1E6	48787097	18.574	17.726
7) T	MCPA	7.593	8.155	261.4E6	150.9E6	24.676	30.163
8) T	DICHLORPROP	7.959	8.521	644.7E6	206.0E6	225.269	208.711
9) T	2,4-D	8.181	8.847	859.8E6	262.2E6	255.581	261.598
10) T	Pentachlo...	8.467	9.359	5789.3E6	1376.3E6	149.002	99.596 #
11) T	2,4,5-TP ...	9.033	9.736	2928.5E6	686.4E6	185.750	138.550 #
12) T	2,4,5-T	9.318	10.151	3837.3E6	759.5E6	237.268	176.411 #
13) T	2,4-DB	9.881	10.712	388.8E6	81630212	149.899m	161.213
14) T	DINOSEB	11.056	11.085	323.4E6	82767368	30.676	24.502
15) T	Picloram	10.873	12.159	4986.3E6	763.0E6	231.625	182.643
16) T	DCPA	11.355	12.117	6157.8E6	1447.2E6	346.705	301.471

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

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Misc :
ALS Vial : 15 Sample Multiplier: 1

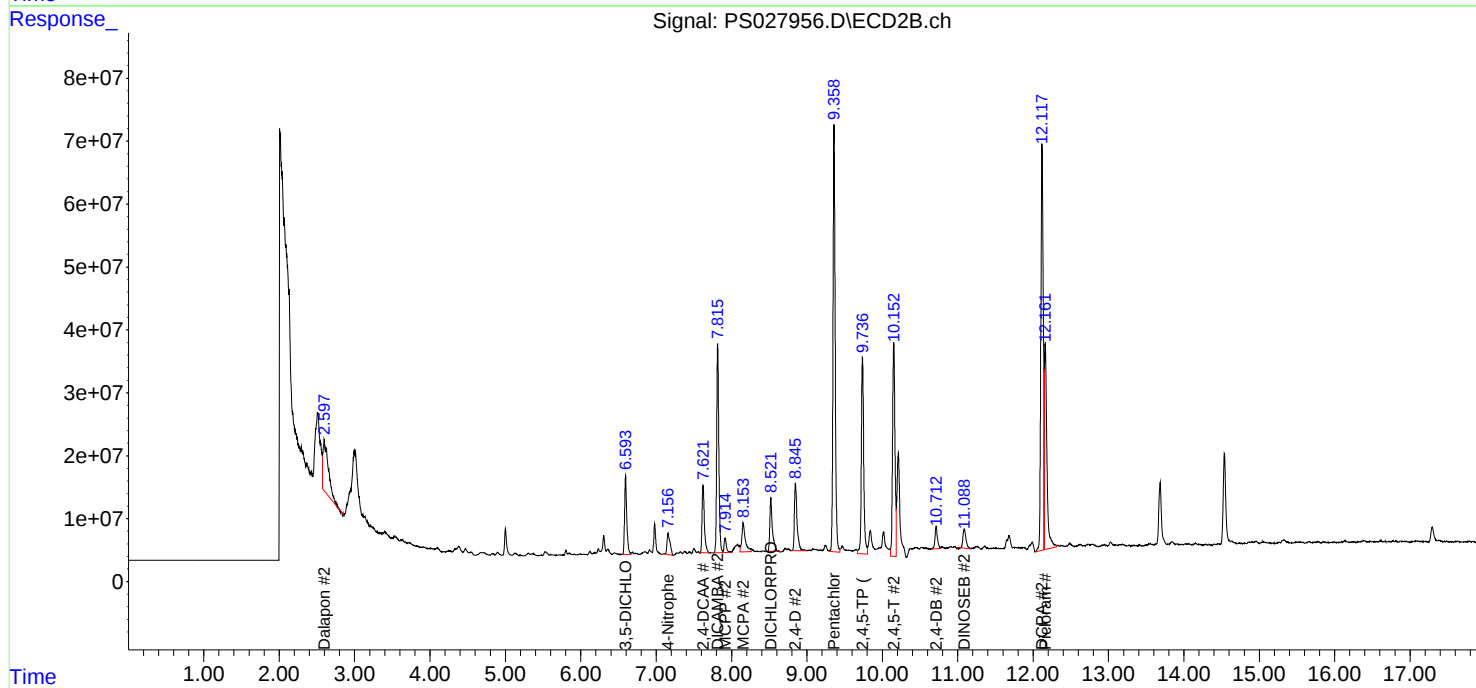
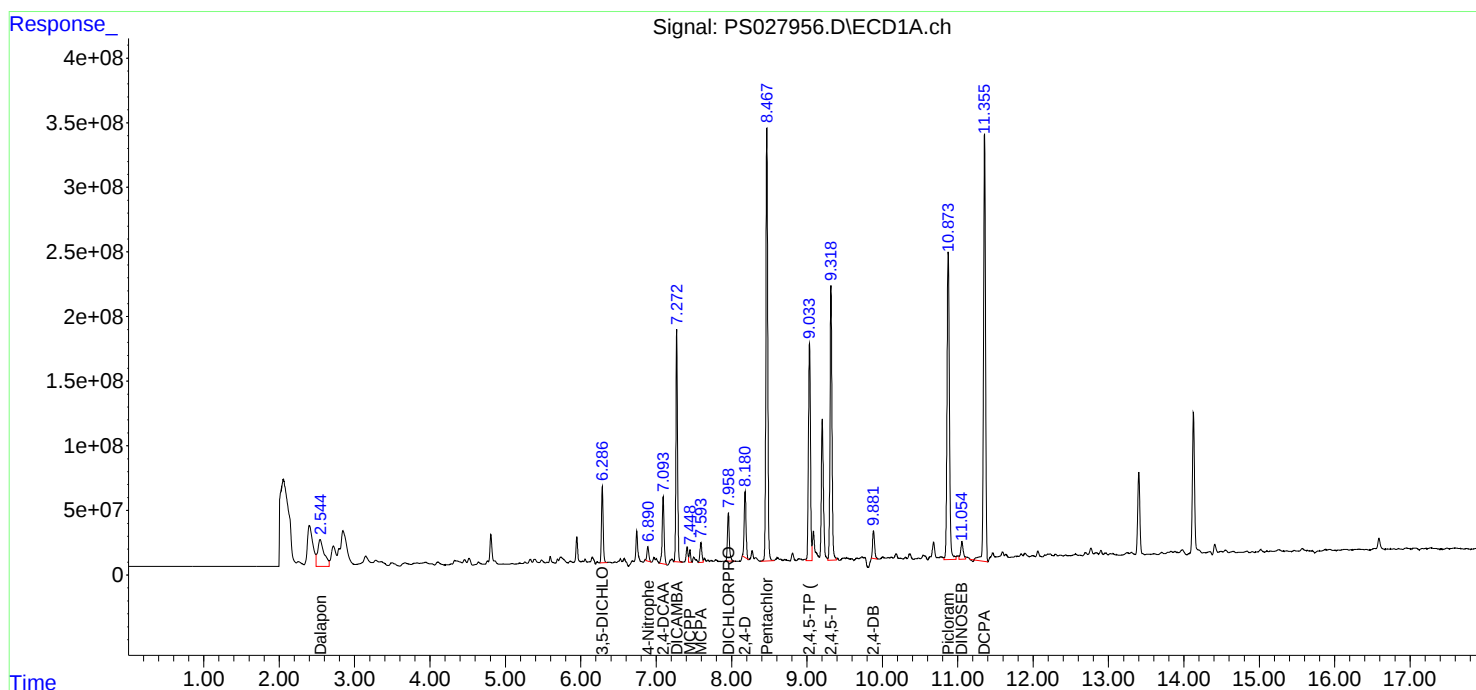
Instrument :
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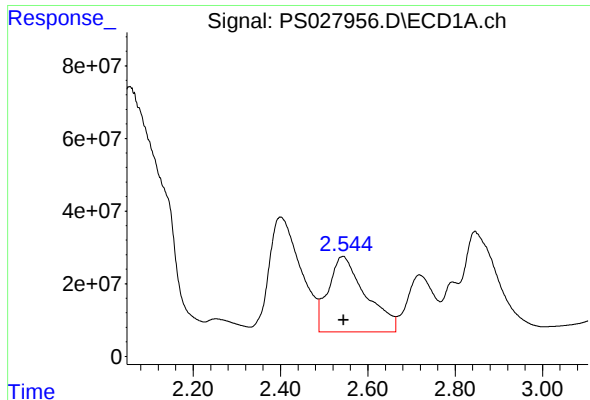
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#1 Dalapon

R.T.: 2.543 min
Delta R.T.: -0.002 min
Response: 1233737844
Conc: 274.90 ng/ml

Instrument :

ECD_S

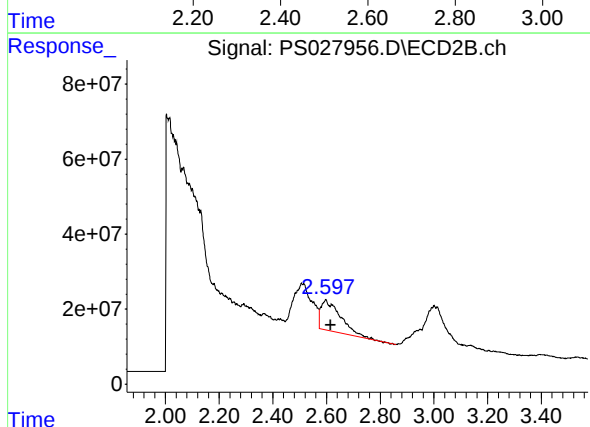
ClientSampleId :

Hawthorne TP SoilMSD

Manual Integrations

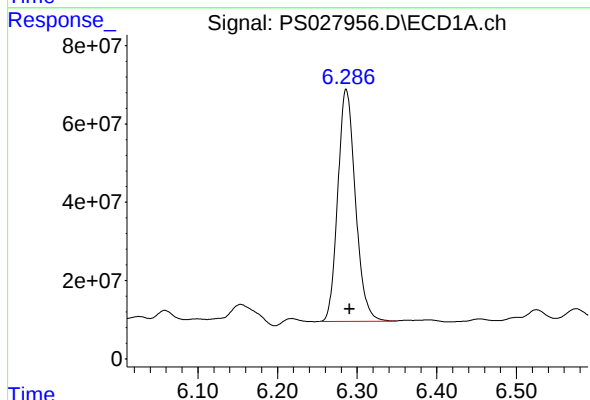
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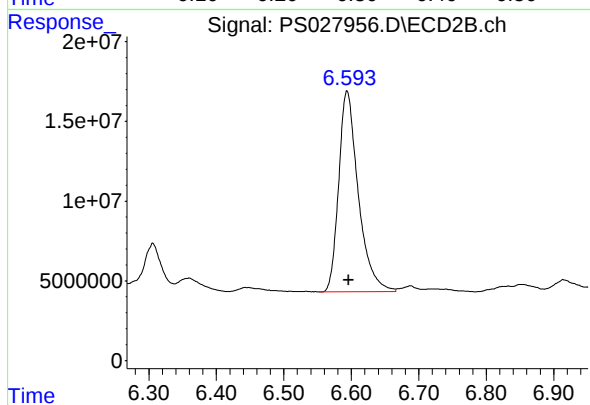
#1 Dalapon

R.T.: 2.597 min
Delta R.T.: -0.019 min
Response: 417164637
Conc: 250.45 ng/ml



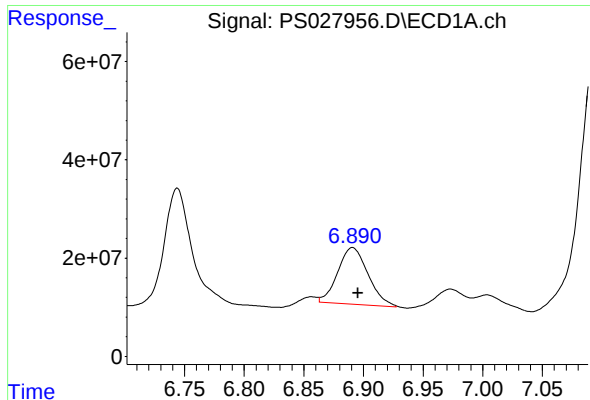
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.286 min
Delta R.T.: -0.004 min
Response: 913424839
Conc: 229.96 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 253822171
Conc: 185.62 ng/ml



#3 4-Nitrophenol

R.T.: 6.890 min
Delta R.T.: -0.005 min
Response: 202295458
Conc: 110.79 ng/ml

Instrument :

ECD_S

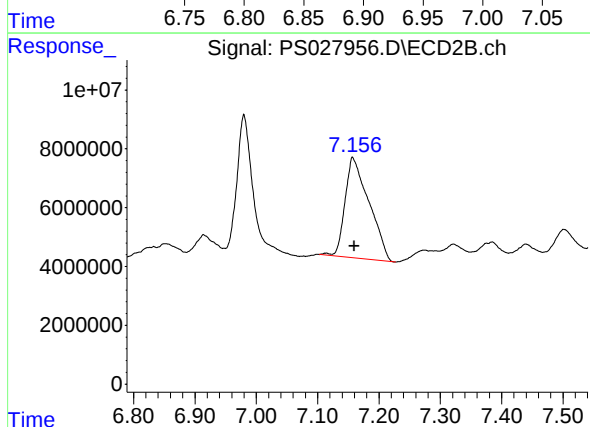
ClientSampleId :

Hawthorne TP SoilMSD

Manual Integrations

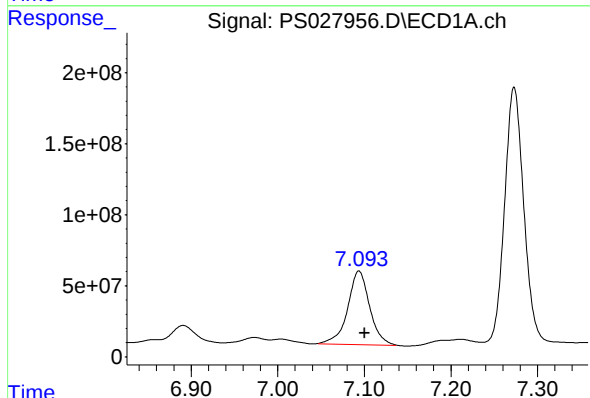
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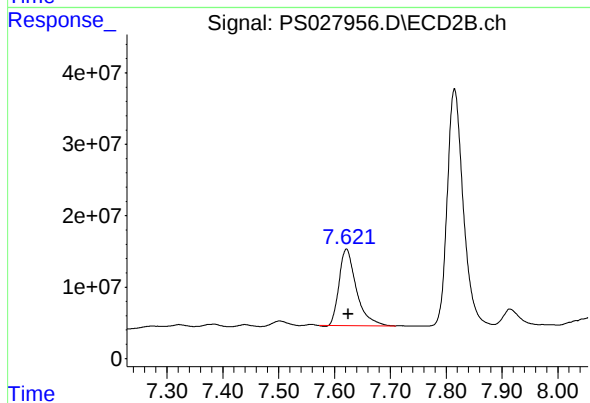
#3 4-Nitrophenol

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 92567082
Conc: 136.37 ng/ml



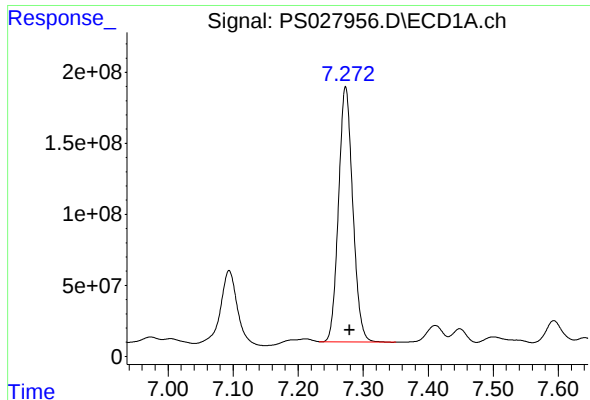
#4 2,4-DCAA

R.T.: 7.093 min
Delta R.T.: -0.007 min
Response: 914626727
Conc: 339.47 ng/ml m



#4 2,4-DCAA

R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 229842941
Conc: 231.30 ng/ml



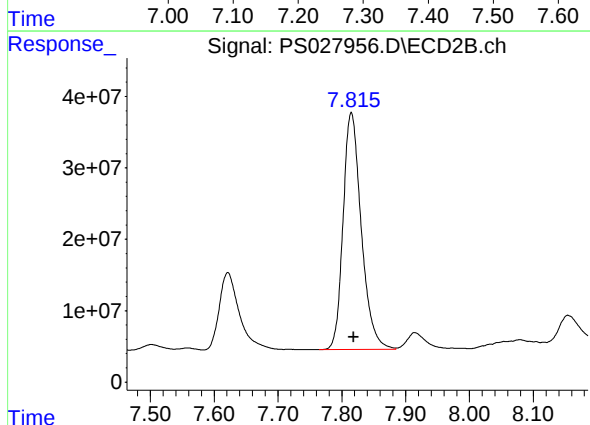
#5 DICAMBA

R.T.: 7.273 min
Delta R.T.: -0.006 min
Response: 2726407898
Conc: 249.92 ng/ml

Instrument :
ECD_S
ClientSampleId :
Hawthorne TP SoilMSD

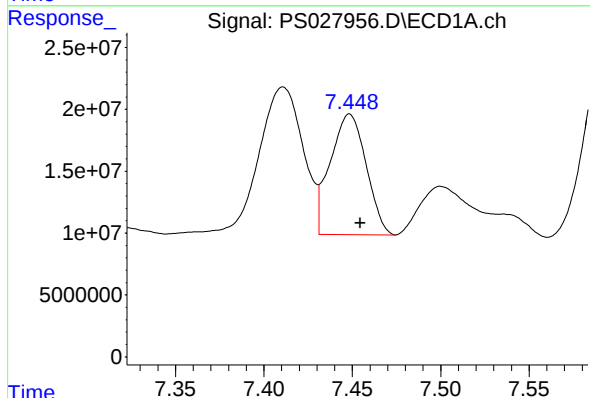
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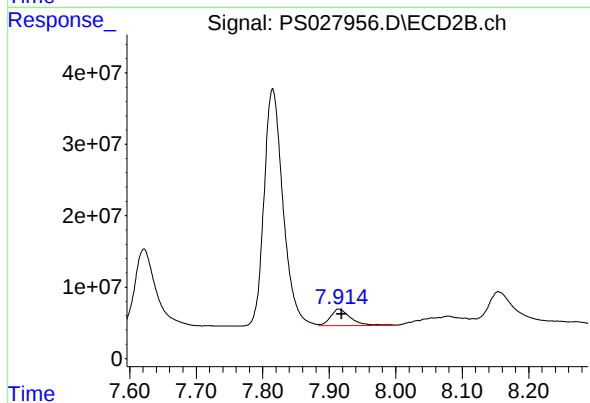
#5 DICAMBA

R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 657068647
Conc: 188.97 ng/ml



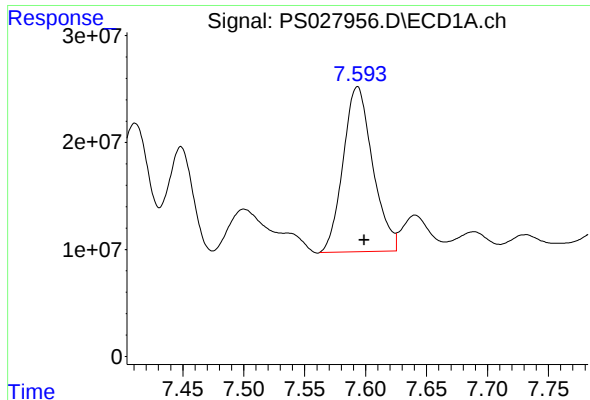
#6 MCPP

R.T.: 7.448 min
Delta R.T.: -0.006 min
Response: 138131349
Conc: 18.57 ug/ml



#6 MCPP

R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 48787097
Conc: 17.73 ug/ml



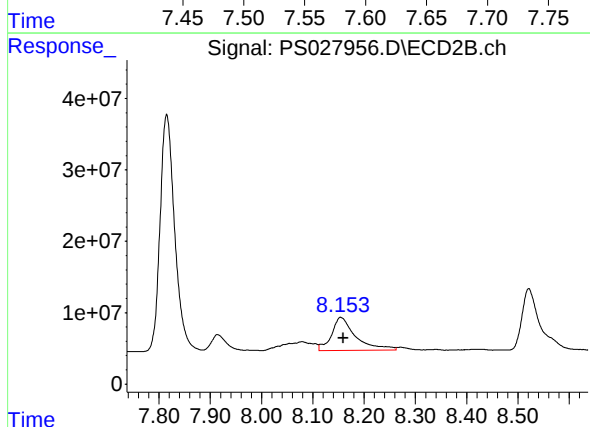
#7 MCPA

R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 261357371
Conc: 24.68 ug/ml

Instrument :
ECD_S
ClientSampleId :
Hawthorne TP SoilMSD

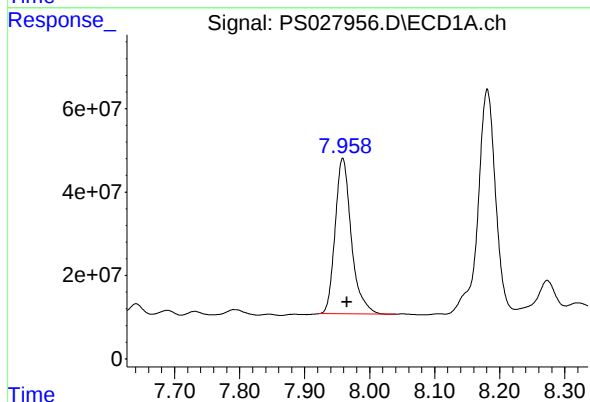
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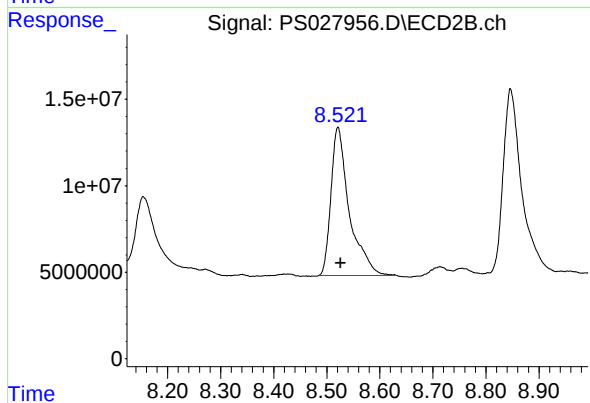
#7 MCPA

R.T.: 8.155 min
Delta R.T.: -0.005 min
Response: 150885662
Conc: 30.16 ug/ml



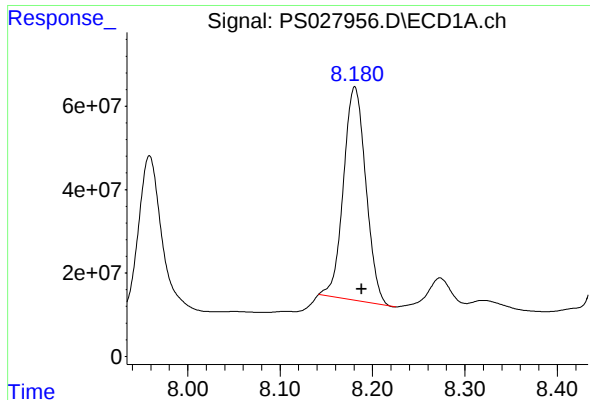
#8 DICHLORPROP

R.T.: 7.959 min
Delta R.T.: -0.006 min
Response: 644662562
Conc: 225.27 ng/ml



#8 DICHLORPROP

R.T.: 8.521 min
Delta R.T.: -0.005 min
Response: 205986701
Conc: 208.71 ng/ml



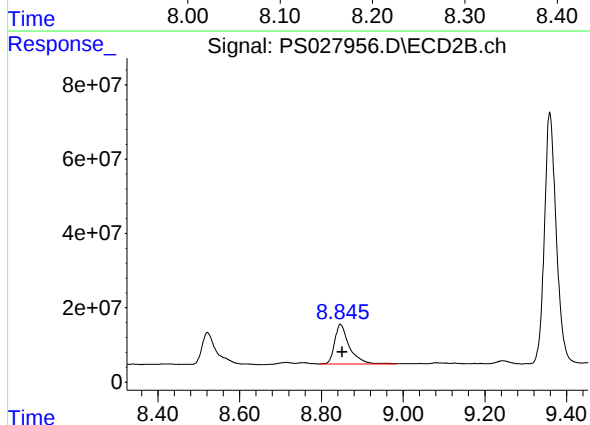
#9 2,4-D

R.T.: 8.181 min
Delta R.T.: -0.007 min
Response: 859783471
Conc: 255.58 ng/ml

Instrument :
ECD_S
ClientSampleId :
Hawthorne TP SoilMSD

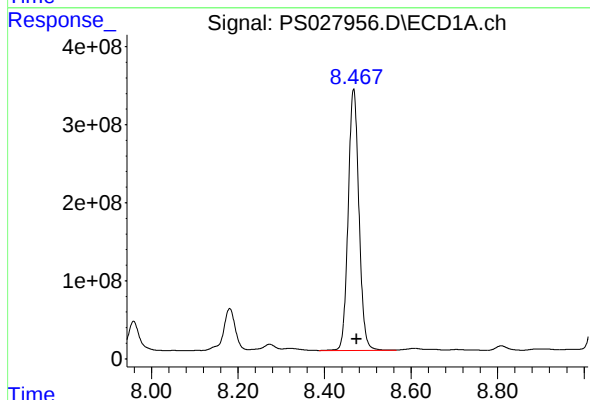
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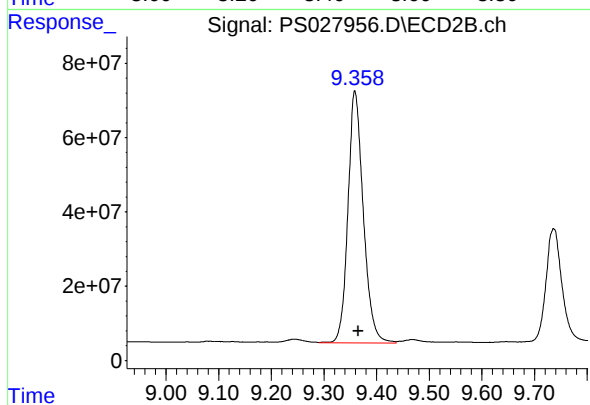
#9 2,4-D

R.T.: 8.847 min
Delta R.T.: -0.005 min
Response: 262193770
Conc: 261.60 ng/ml



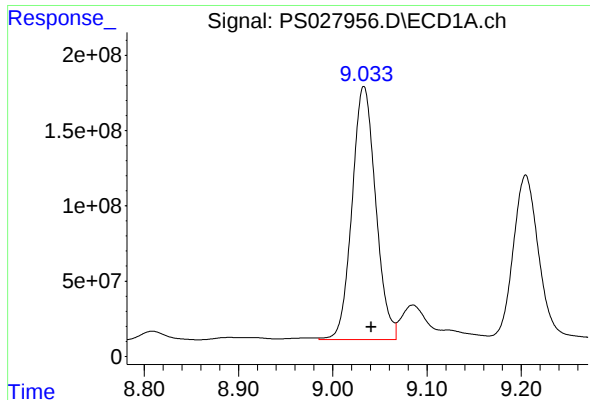
#10 Pentachlorophenol

R.T.: 8.467 min
Delta R.T.: -0.007 min
Response: 5789292365
Conc: 149.00 ng/ml



#10 Pentachlorophenol

R.T.: 9.359 min
Delta R.T.: -0.007 min
Response: 1376314876
Conc: 99.60 ng/ml



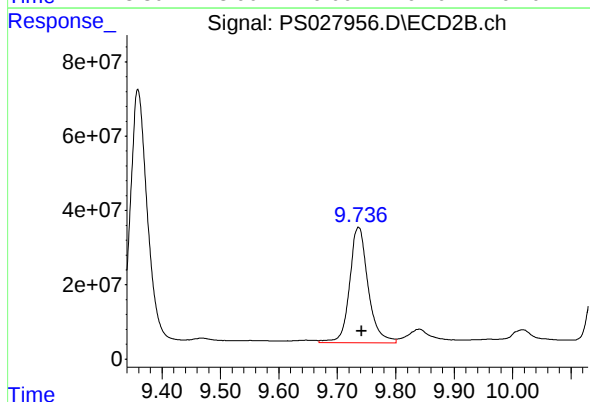
#11 2,4,5-TP (SILVEX)

R.T.: 9.033 min
Delta R.T.: -0.008 min
Response: 2928486465
Conc: 185.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
Hawthorne TP SoilMSD

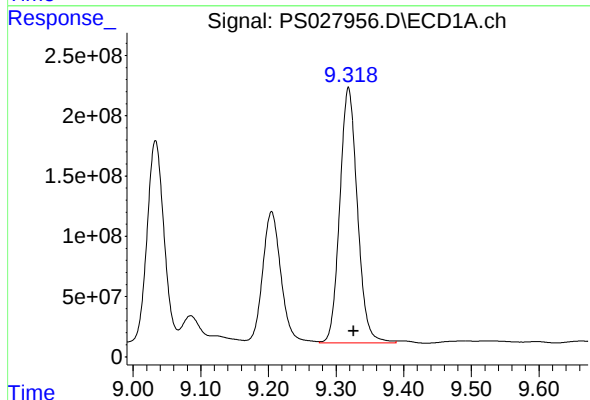
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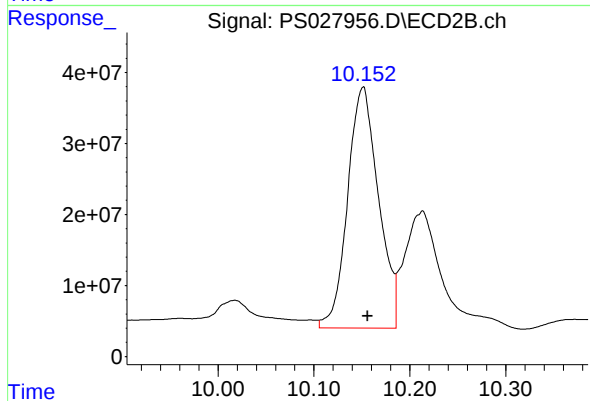
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: -0.005 min
Response: 686412458
Conc: 138.55 ng/ml



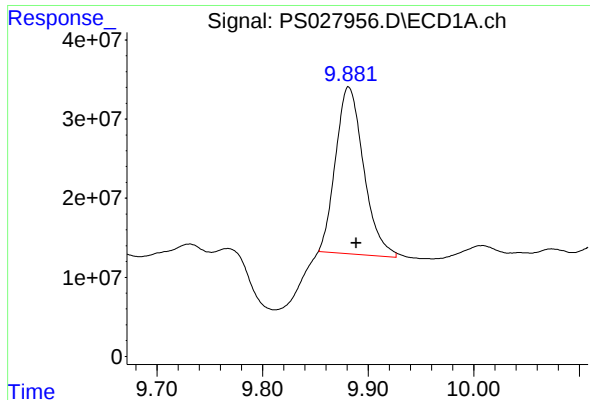
#12 2,4,5-T

R.T.: 9.318 min
Delta R.T.: -0.008 min
Response: 3837254763
Conc: 237.27 ng/ml



#12 2,4,5-T

R.T.: 10.151 min
Delta R.T.: -0.005 min
Response: 759493290
Conc: 176.41 ng/ml



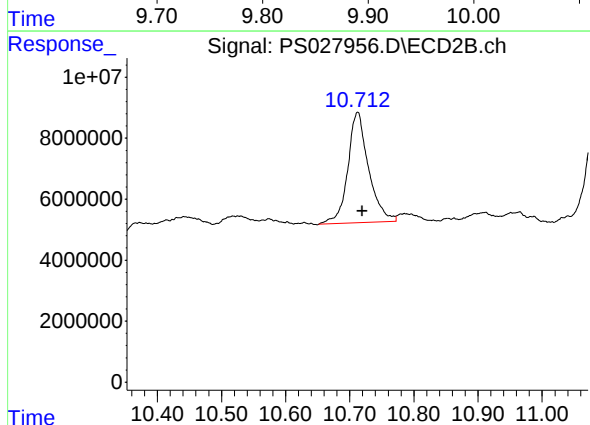
#13 2,4-DB

R.T.: 9.881 min
Delta R.T.: -0.008 min
Response: 388789394
Conc: 149.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
Hawthorne TP SoilMSD

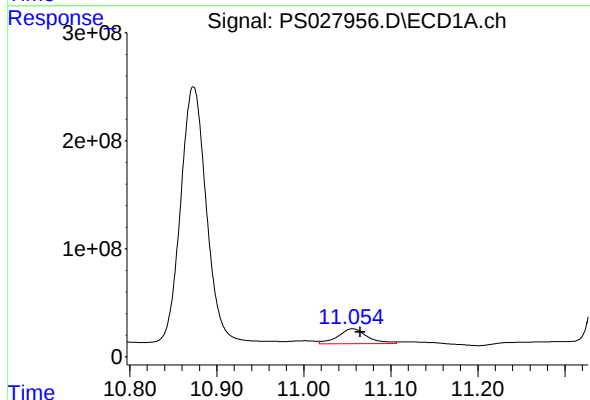
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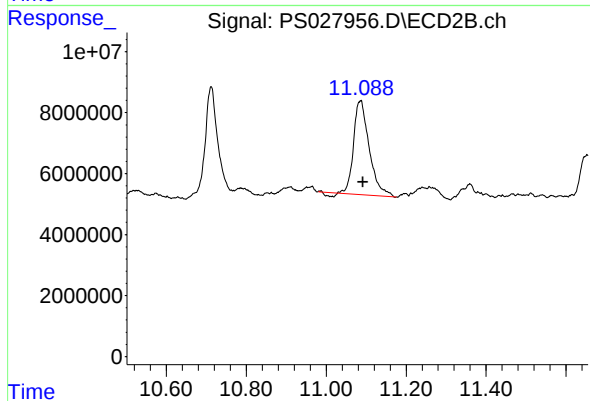
#13 2,4-DB

R.T.: 10.712 min
Delta R.T.: -0.007 min
Response: 81630212
Conc: 161.21 ng/ml



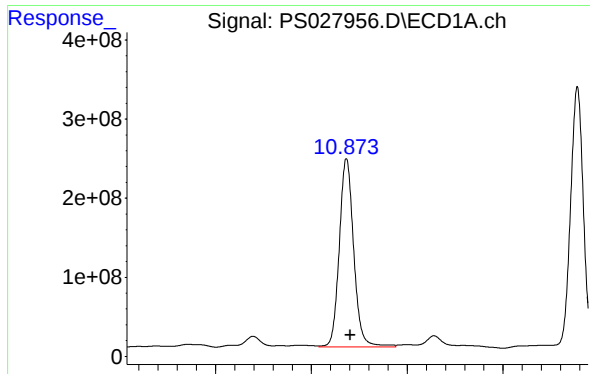
#14 DINOSEB

R.T.: 11.056 min
Delta R.T.: -0.009 min
Response: 323415032
Conc: 30.68 ng/ml



#14 DINOSEB

R.T.: 11.085 min
Delta R.T.: -0.007 min
Response: 82767368
Conc: 24.50 ng/ml



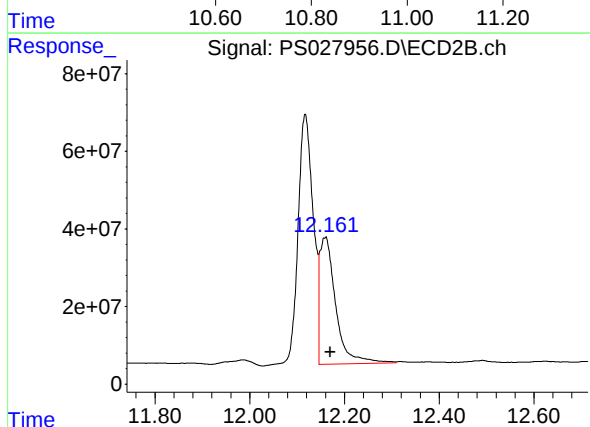
#15 Picloram

R.T.: 10.873 min
Delta R.T.: -0.009 min
Response: 4986282113
Conc: 231.62 ng/ml

Instrument :
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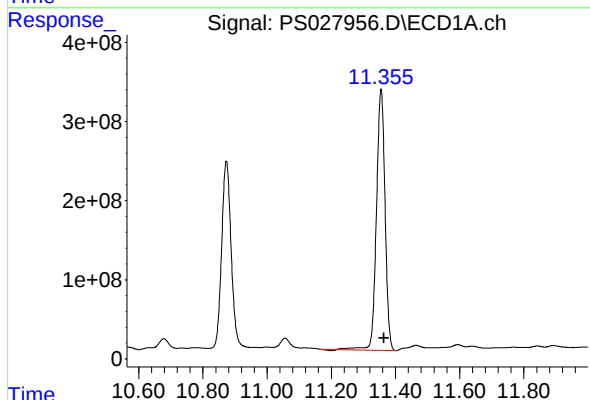
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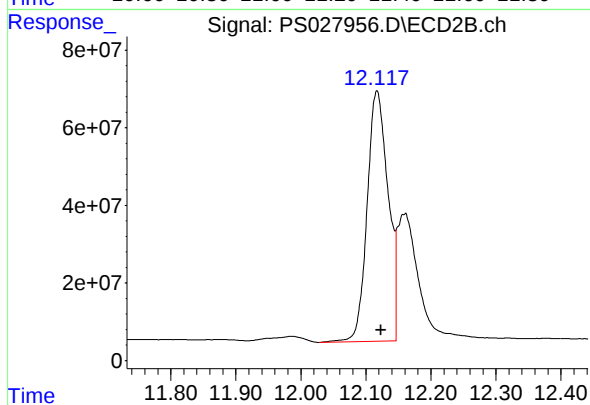
#15 Picloram

R.T.: 12.159 min
Delta R.T.: -0.011 min
Response: 762980346
Conc: 182.64 ng/ml



#16 DCPA

R.T.: 11.355 min
Delta R.T.: -0.009 min
Response: 6157786849
Conc: 346.71 ng/ml



#16 DCPA

R.T.: 12.117 min
Delta R.T.: -0.006 min
Response: 1447154442
Conc: 301.47 ng/ml