

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101524\
 Data File : PS027955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 18:57
 Operator : AR\AJ
 Sample : P4403-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 Hawthorne TP SoilMS

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 02:48:43 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 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	7.094	7.622	965.3E6	240.6E6	358.258m	242.121 #
Target Compounds							
1) T	Dalapon	2.542	2.605	1239.7E6	420.9E6	276.228	252.661
2) T	3,5-DICHL...	6.287	6.593	939.9E6	278.3E6	236.611	203.544
3) T	4-Nitroph...	6.890	7.158	230.6E6	92616205	126.270m	136.443
5) T	DICAMBA	7.273	7.816	2757.7E6	652.6E6	252.784	187.684 #
6) T	MCP	7.448	7.915	143.7E6	50691875	19.324	18.418
7) T	MCPA	7.593	8.156	270.1E6	156.0E6	25.501	31.184
8) T	DICHLORPROP	7.959	8.521	674.9E6	209.8E6	235.819	212.528
9) T	2,4-D	8.181	8.847	882.6E6	251.4E6	262.369	250.866
10) T	Pentachlo...	8.467	9.359	6179.5E6	1512.5E6	159.044	109.454 #
11) T	2,4,5-TP ...	9.034	9.735	3103.5E6	763.2E6	196.850	154.053
12) T	2,4,5-T	9.319	10.151	3993.2E6	817.9E6	246.909	189.978
13) T	2,4-DB	9.882	10.711	454.8E6	86876454	175.360m	171.574
14) T	DINOSEB	11.056	11.086	335.5E6	78406576	31.822	23.211 #
15) T	Picloram	10.873	12.159	4979.6E6	727.3E6	231.314	174.110
16) T	DCPA	11.355	12.118	6159.9E6	1468.8E6	346.821	305.975

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

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Acq On : 15 Oct 2024 18:57
Operator : AR\AJ
Sample : P4403-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

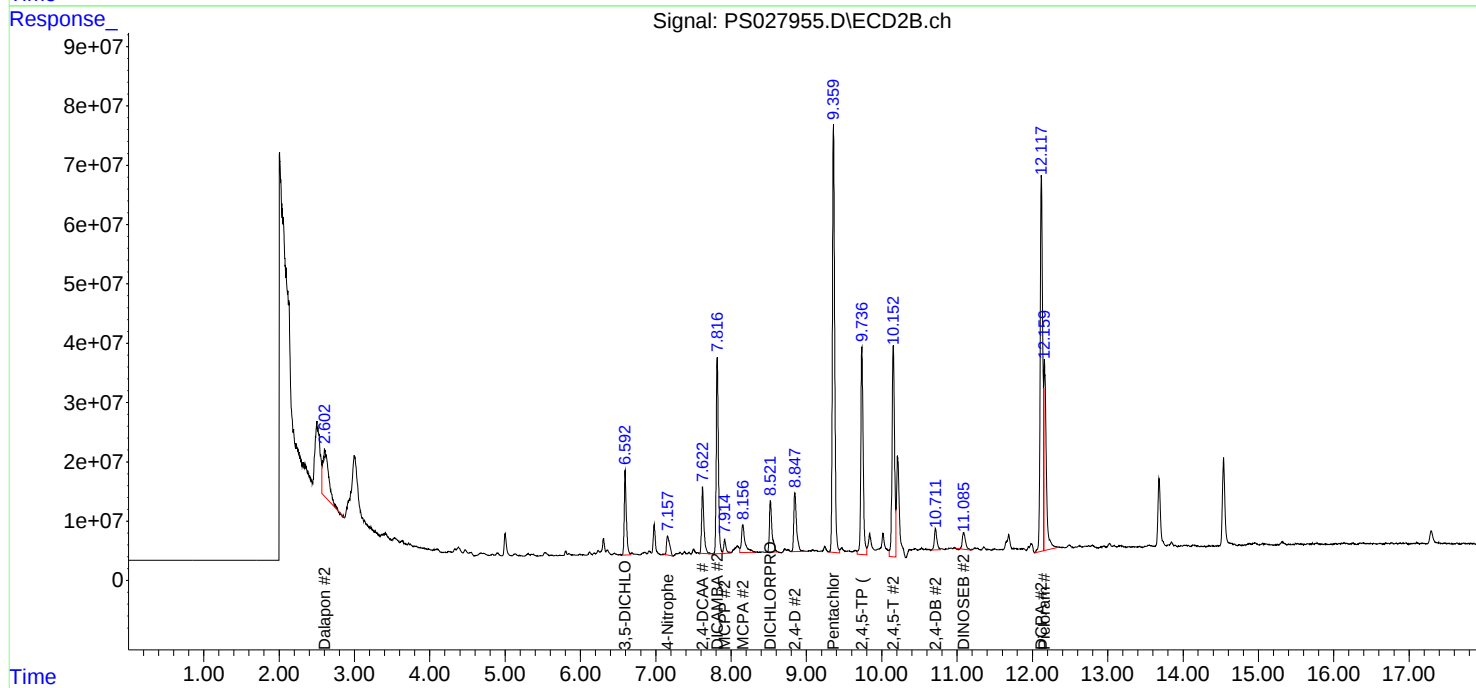
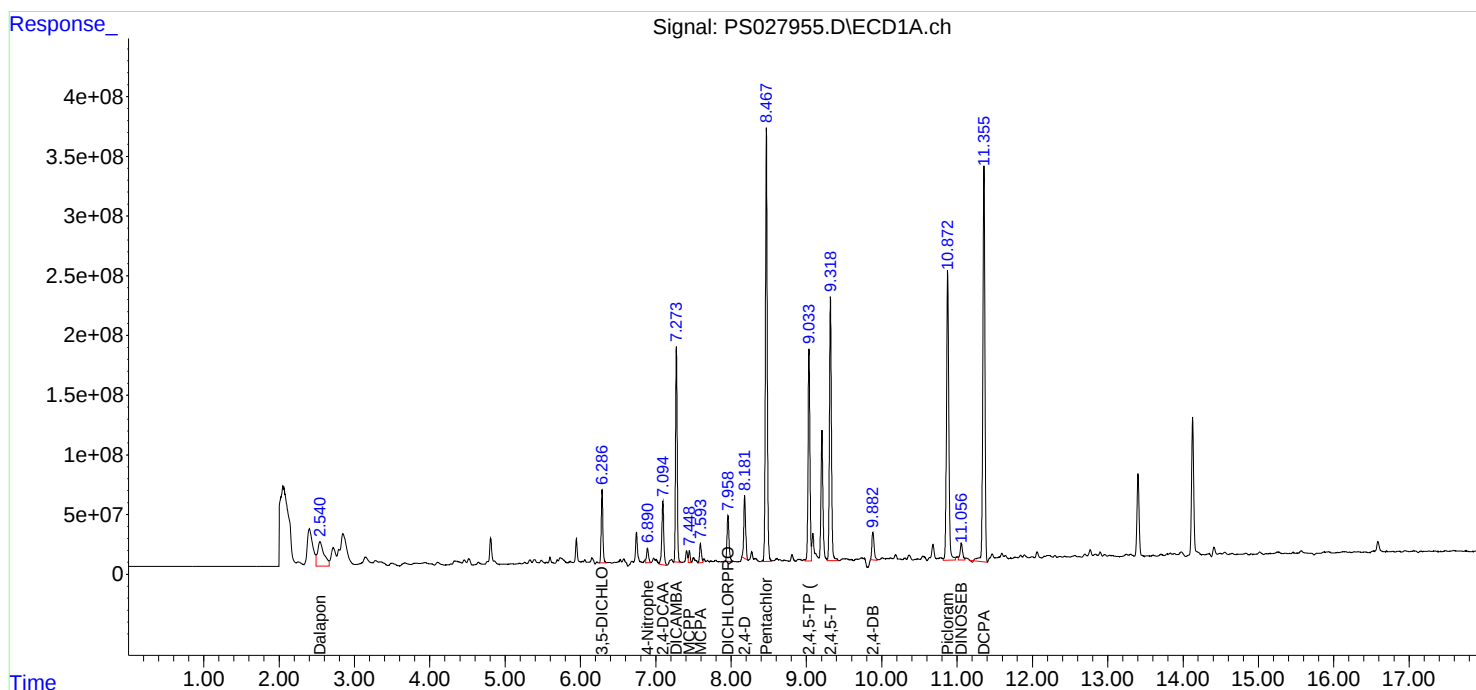
Instrument :
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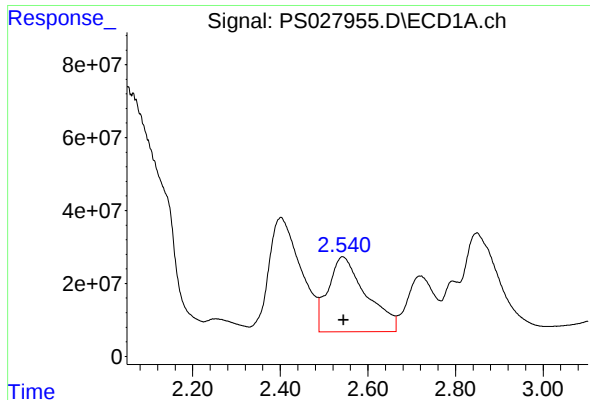
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Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Dalapon

R.T.: 2.542 min
Delta R.T.: -0.003 min
Response: 1239685841
Conc: 276.23 ng/ml

Instrument :

ECD_S

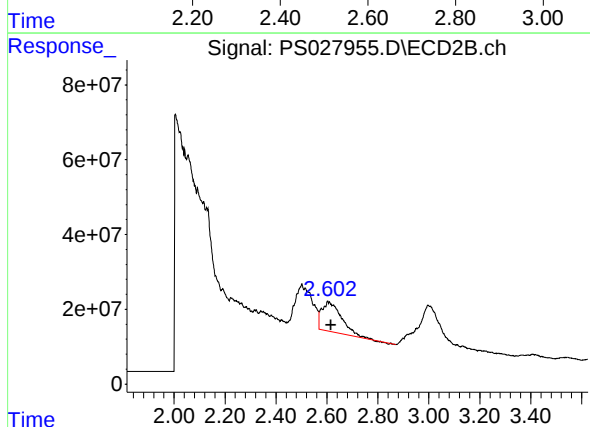
ClientSampleId :

Hawthorne TP SoilMS

Manual Integrations

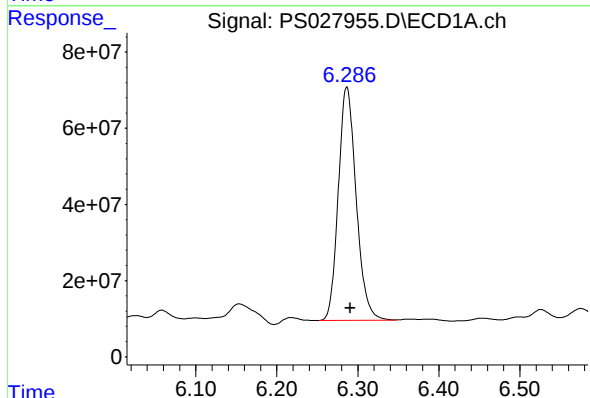
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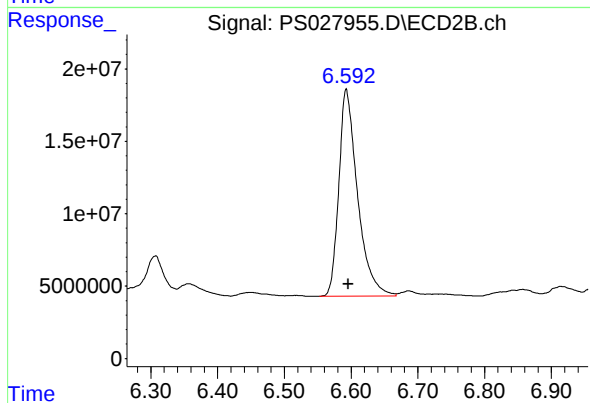
#1 Dalapon

R.T.: 2.605 min
Delta R.T.: -0.011 min
Response: 420851504
Conc: 252.66 ng/ml



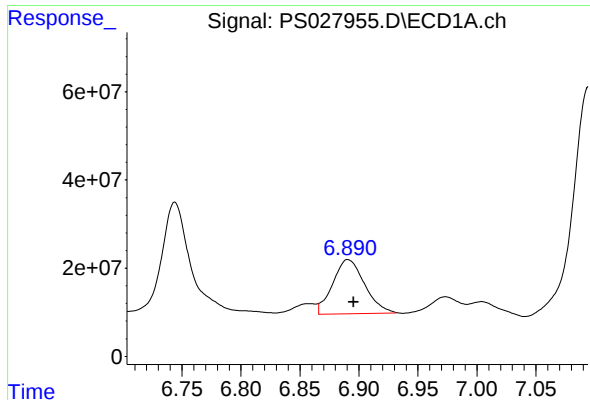
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.287 min
Delta R.T.: -0.004 min
Response: 939855042
Conc: 236.61 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.593 min
Delta R.T.: -0.003 min
Response: 278336578
Conc: 203.54 ng/ml



#3 4-Nitrophenol

R.T.: 6.890 min
Delta R.T.: -0.006 min
Response: 230552836
Conc: 126.27 ng/ml

Instrument :

ECD_S

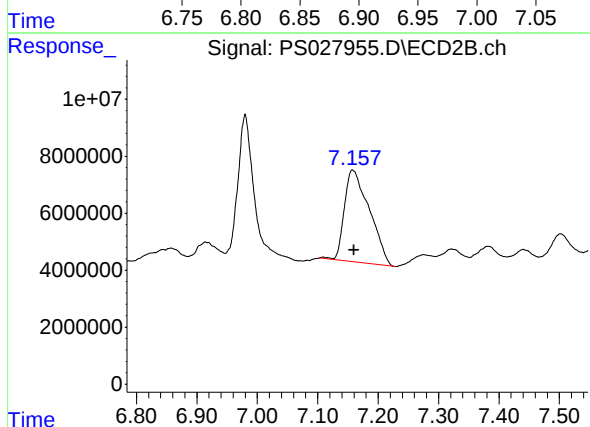
ClientSampleId :

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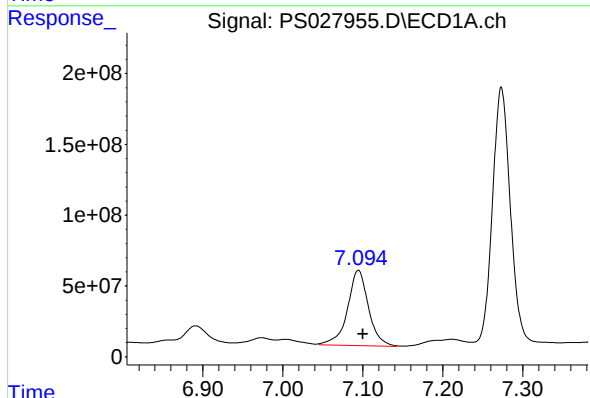
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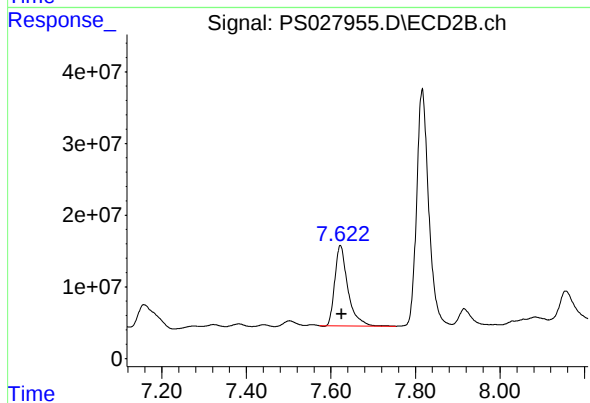
#3 4-Nitrophenol

R.T.: 7.158 min
Delta R.T.: -0.002 min
Response: 92616205
Conc: 136.44 ng/ml



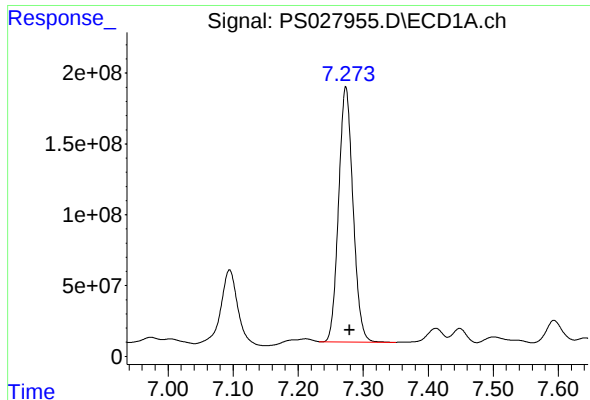
#4 2,4-DCAA

R.T.: 7.094 min
Delta R.T.: -0.006 min
Response: 965251165
Conc: 358.26 ng/ml m



#4 2,4-DCAA

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 240592149
Conc: 242.12 ng/ml



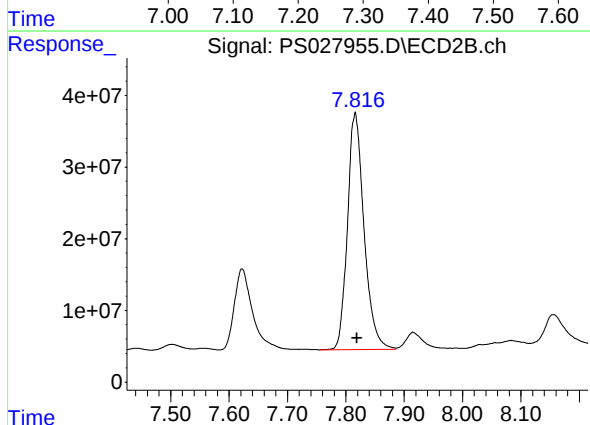
#5 DICAMBA

R.T.: 7.273 min
Delta R.T.: -0.006 min
Response: 2757657651
Conc: 252.78 ng/ml

Instrument :
ECD_S
ClientSampleId :
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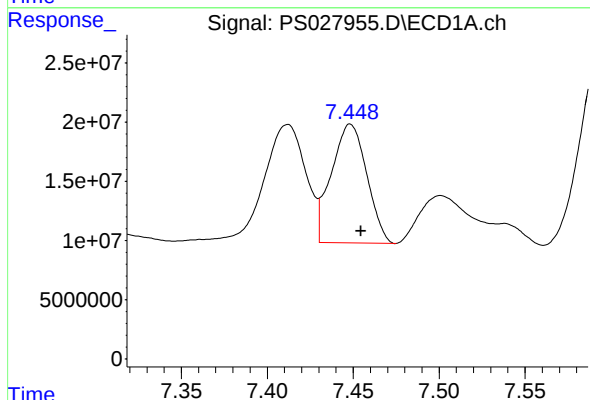
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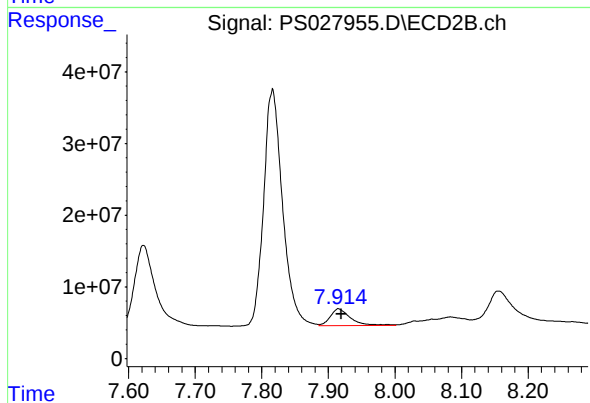
#5 DICAMBA

R.T.: 7.816 min
Delta R.T.: -0.003 min
Response: 652610171
Conc: 187.68 ng/ml



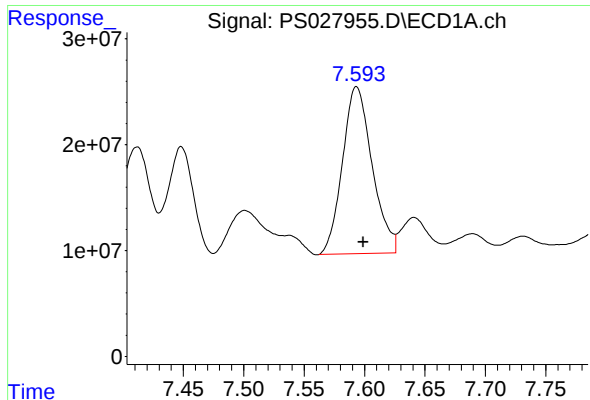
#6 MCPP

R.T.: 7.448 min
Delta R.T.: -0.006 min
Response: 143709659
Conc: 19.32 ug/ml



#6 MCPP

R.T.: 7.915 min
Delta R.T.: -0.004 min
Response: 50691875
Conc: 18.42 ug/ml



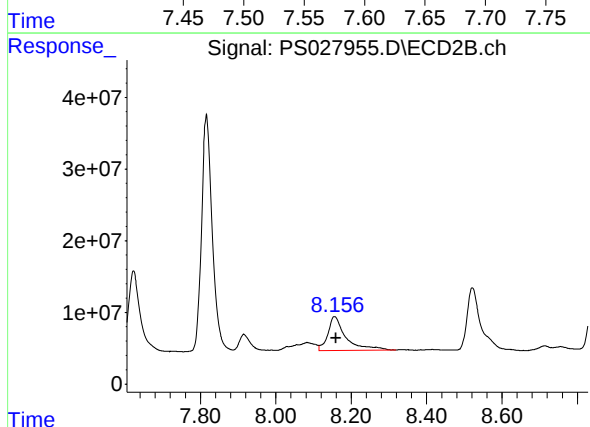
#7 MCPA

R.T.: 7.593 min
Delta R.T.: -0.005 min
Response: 270097131
Conc: 25.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
Hawthorne TP SoilMS

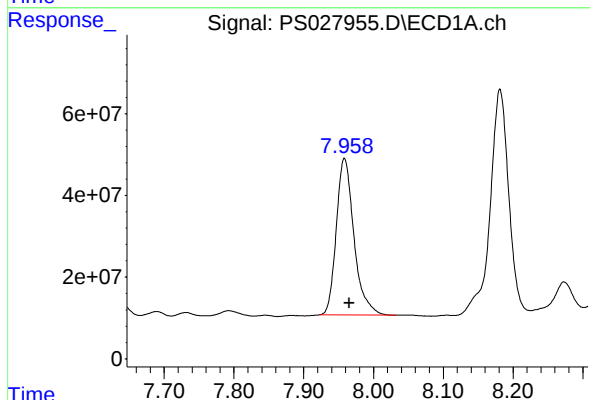
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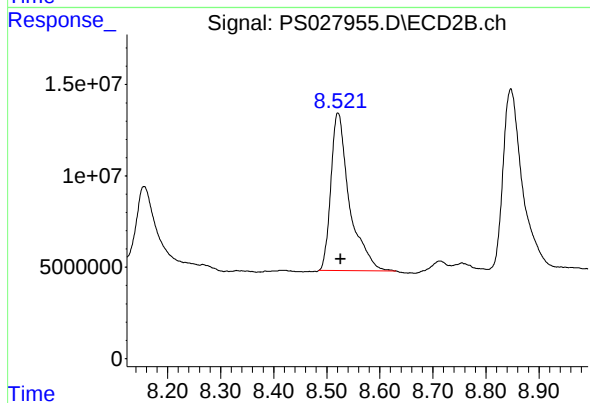
#7 MCPA

R.T.: 8.156 min
Delta R.T.: -0.004 min
Response: 155997584
Conc: 31.18 ug/ml



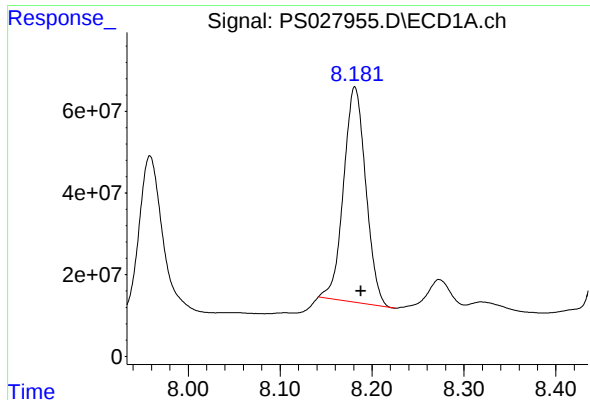
#8 DICHLORPROP

R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 674855940
Conc: 235.82 ng/ml



#8 DICHLORPROP

R.T.: 8.521 min
Delta R.T.: -0.004 min
Response: 209753611
Conc: 212.53 ng/ml



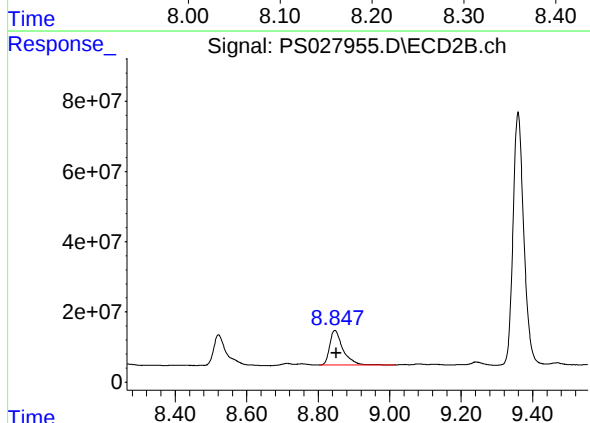
#9 2,4-D

R.T.: 8.181 min
Delta R.T.: -0.007 min
Response: 882619723
Conc: 262.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
Hawthorne TP SoilMS

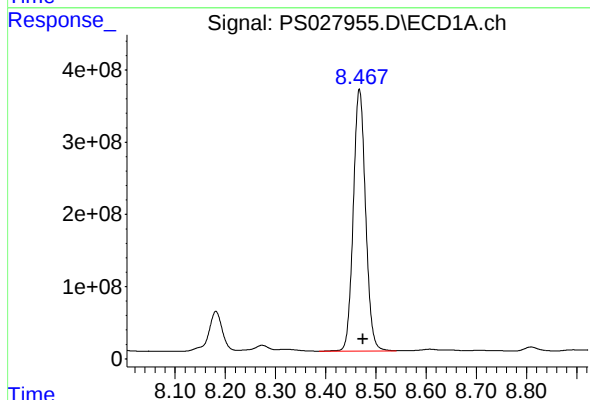
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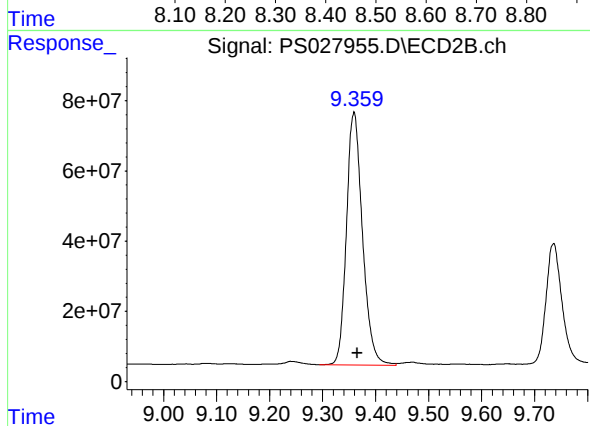
#9 2,4-D

R.T.: 8.847 min
Delta R.T.: -0.004 min
Response: 251437793
Conc: 250.87 ng/ml



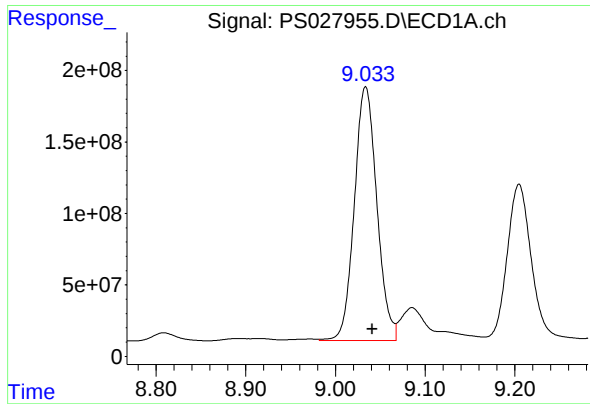
#10 Pentachlorophenol

R.T.: 8.467 min
Delta R.T.: -0.007 min
Response: 6179479428
Conc: 159.04 ng/ml



#10 Pentachlorophenol

R.T.: 9.359 min
Delta R.T.: -0.007 min
Response: 1512540437
Conc: 109.45 ng/ml



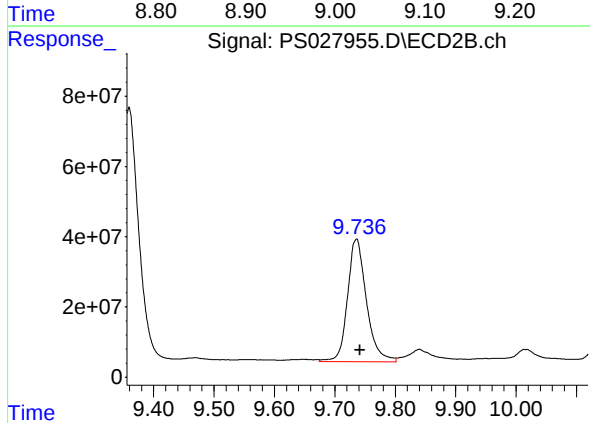
#11 2,4,5-TP (SILVEX)

R.T.: 9.034 min
Delta R.T.: -0.007 min
Response: 3103497679
Conc: 196.85 ng/ml

Instrument :
ECD_S
ClientSampleId :
Hawthorne TP SoilMS

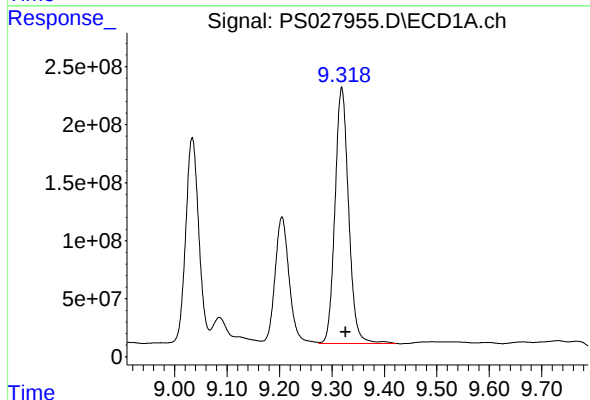
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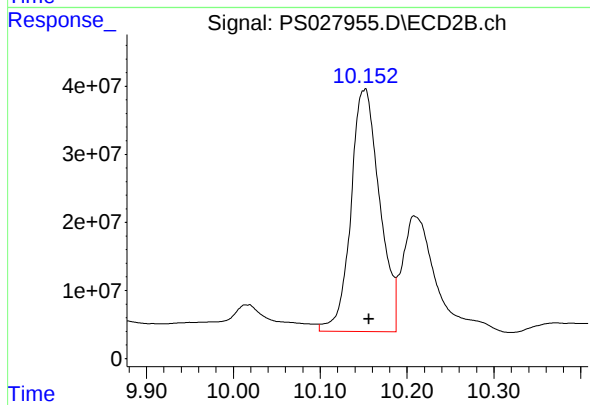
#11 2,4,5-TP (SILVEX)

R.T.: 9.735 min
Delta R.T.: -0.006 min
Response: 763218438
Conc: 154.05 ng/ml



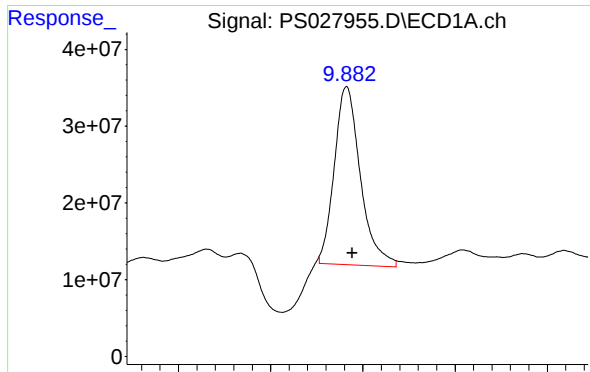
#12 2,4,5-T

R.T.: 9.319 min
Delta R.T.: -0.007 min
Response: 3993174062
Conc: 246.91 ng/ml



#12 2,4,5-T

R.T.: 10.151 min
Delta R.T.: -0.005 min
Response: 817900845
Conc: 189.98 ng/ml



#13 2,4-DB

R.T.: 9.882 min
Delta R.T.: -0.006 min
Response: 454826629
Conc: 175.36 ng/ml

Instrument :

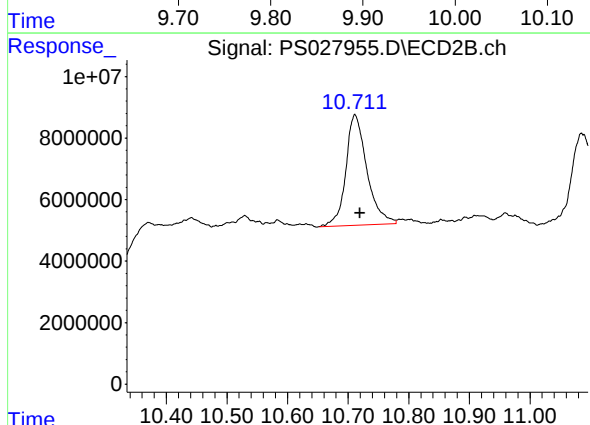
ECD_S

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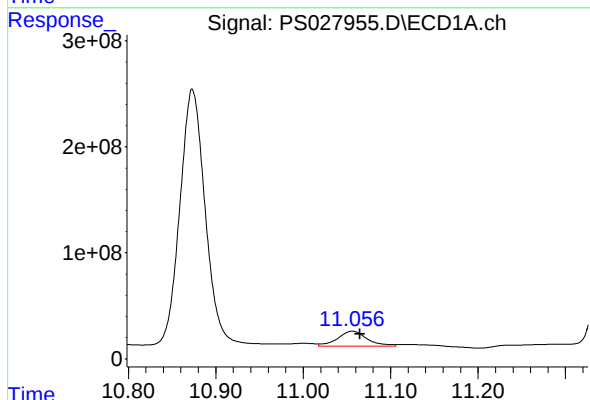
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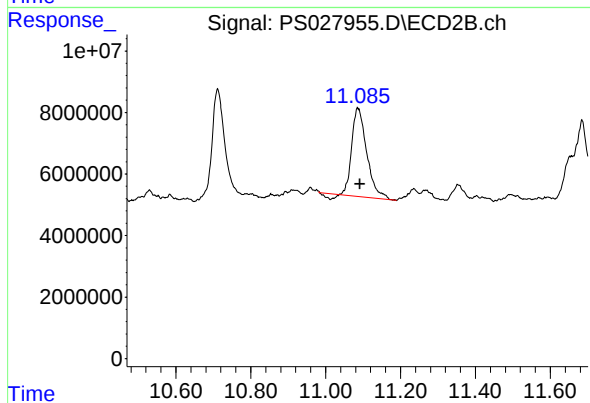
#13 2,4-DB

R.T.: 10.711 min
Delta R.T.: -0.008 min
Response: 86876454
Conc: 171.57 ng/ml



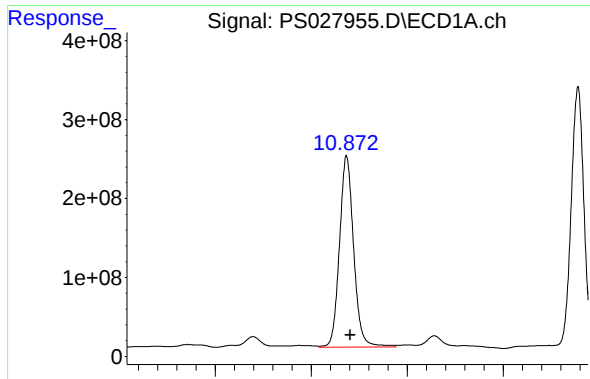
#14 DINOSEB

R.T.: 11.056 min
Delta R.T.: -0.009 min
Response: 335498217
Conc: 31.82 ng/ml



#14 DINOSEB

R.T.: 11.086 min
Delta R.T.: -0.006 min
Response: 78406576
Conc: 23.21 ng/ml



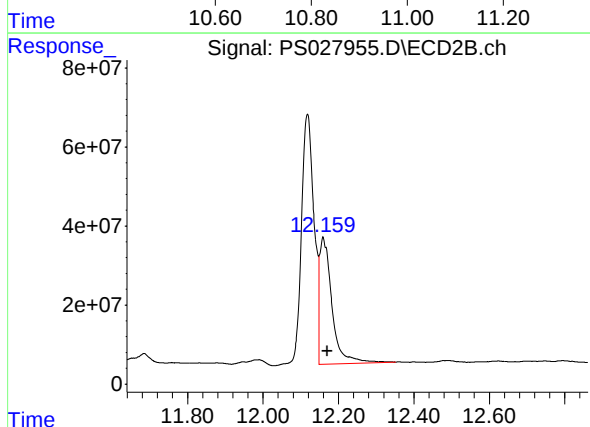
#15 Picloram

R.T.: 10.873 min
Delta R.T.: -0.008 min
Response: 4979591636
Conc: 231.31 ng/ml

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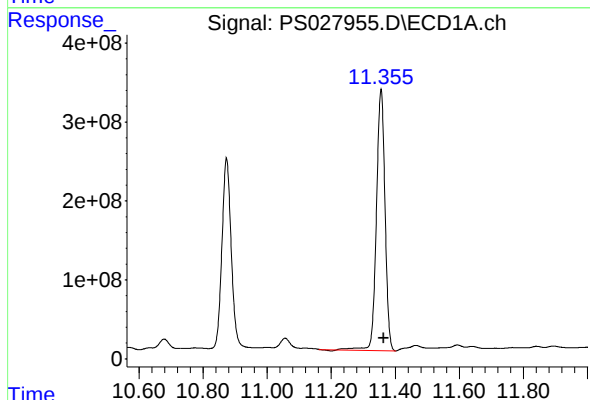
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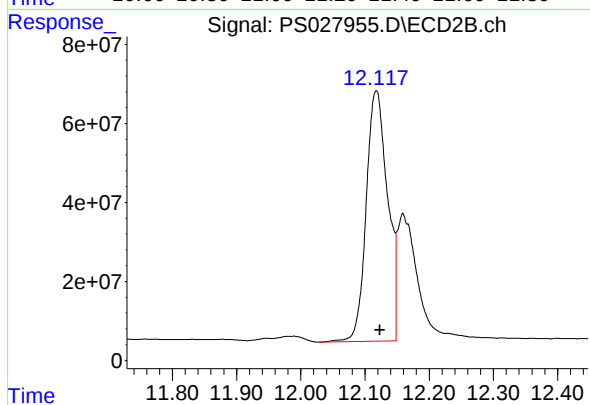
#15 Picloram

R.T.: 12.159 min
Delta R.T.: -0.011 min
Response: 727333146
Conc: 174.11 ng/ml



#16 DCPA

R.T.: 11.355 min
Delta R.T.: -0.009 min
Response: 6159850363
Conc: 346.82 ng/ml



#16 DCPA

R.T.: 12.118 min
Delta R.T.: -0.006 min
Response: 1468778271
Conc: 305.98 ng/ml