

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022123\
 Data File : PS022228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2023 22:12
 Operator : AR\AJ
 Sample : 01627-01
 Misc : LOD,SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/22/2023
 Supervised By : Ankita Jodhani 02/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 03:05:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS022023.M
 Quant Title : 8080.M
 QLast Update : Mon Feb 20 13:26:02 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticides Signal #2 Phase: Rtx-CLPesticides2
 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	6.299	6.724	1200.0E6	1144.9E6	484.122	545.463
Target Compounds							
1) T	Dalapon	2.405	2.487	205.4E6	801.3E6	64.785m	248.851 #
2) T	3,5-DICHL...	5.682	5.927	525.7E6	430.8E6	141.419	139.325
3) T	4-Nitroph...	6.154	6.360	142.4E6	118.7E6	111.895m	88.860
5) T	DICAMBA	6.436	6.882	1354.2E6	1267.1E6	130.509	131.111
6) T	MCPD	6.581	6.973	90925276	93083152	11.916	12.192
7) T	MCPA	6.702	7.182	123.8E6	155.8E6	11.889	15.284 #
8) T	DICHLORPROP	7.022	7.505	367.9E6	396.0E6	136.211	161.059
9) T	2,4-D	7.232	7.797	446.5E6	474.5E6	136.194	163.861m
10) T	Pentachlo...	7.442	8.210	5944.6E6	5369.8E6	165.114	165.727
11) T	2,4,5-TP ...	7.969	8.573	2452.6E6	2147.3E6	159.028	159.639
12) T	2,4,5-T	8.231	8.954	2449.4E6	1819.3E6	141.184	151.265
13) T	2,4-DB	8.741	9.457	403.0E6	229.4E6	148.642	138.198
14) T	DINOSEB	9.778	9.777	1858.2E6	1357.0E6	135.214	142.226m
15) T	Picloram	9.630	10.755	2702.6E6	2416.3E6	109.709m	123.242m
16) T	DCPA	10.046	10.703	3617.9E6	2204.1E6	169.865	140.881

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

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Sample : 01627-01
Misc : LOD,SOIL
ALS Vial : 15 Sample Multiplier: 1

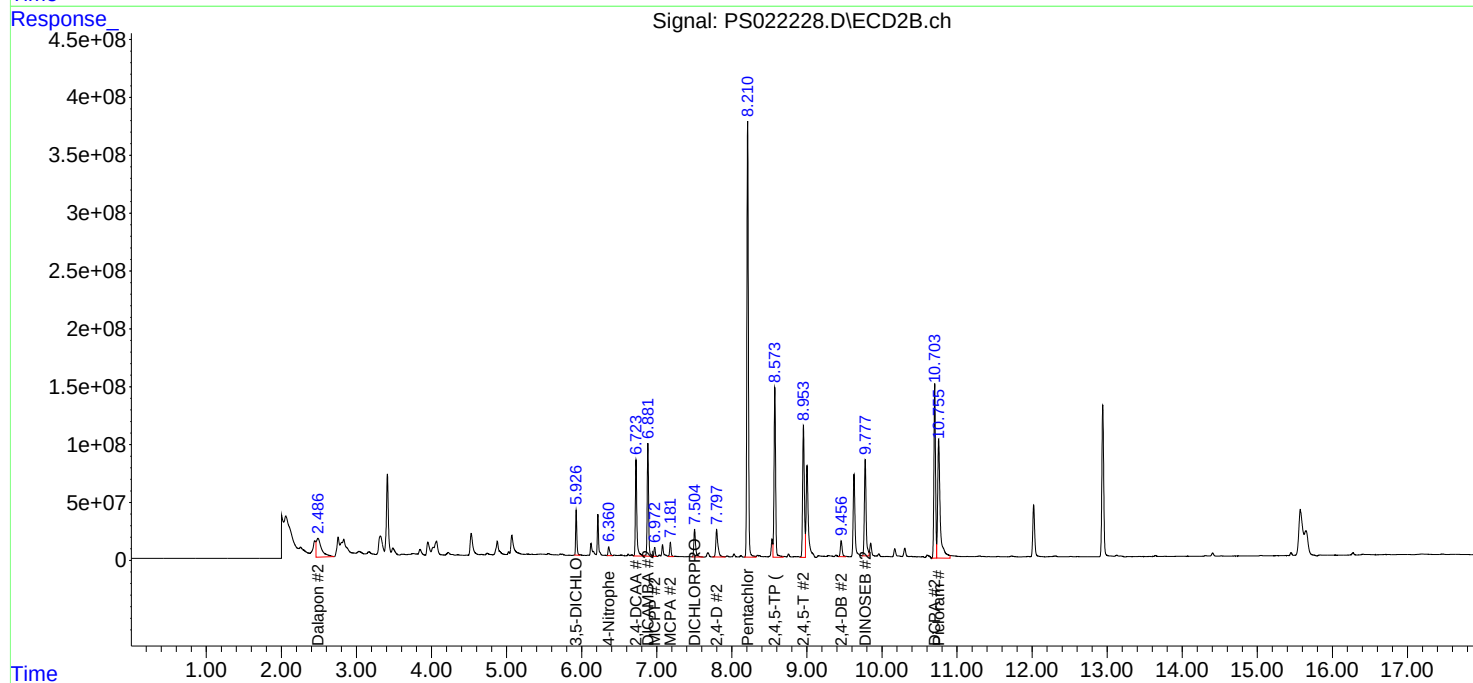
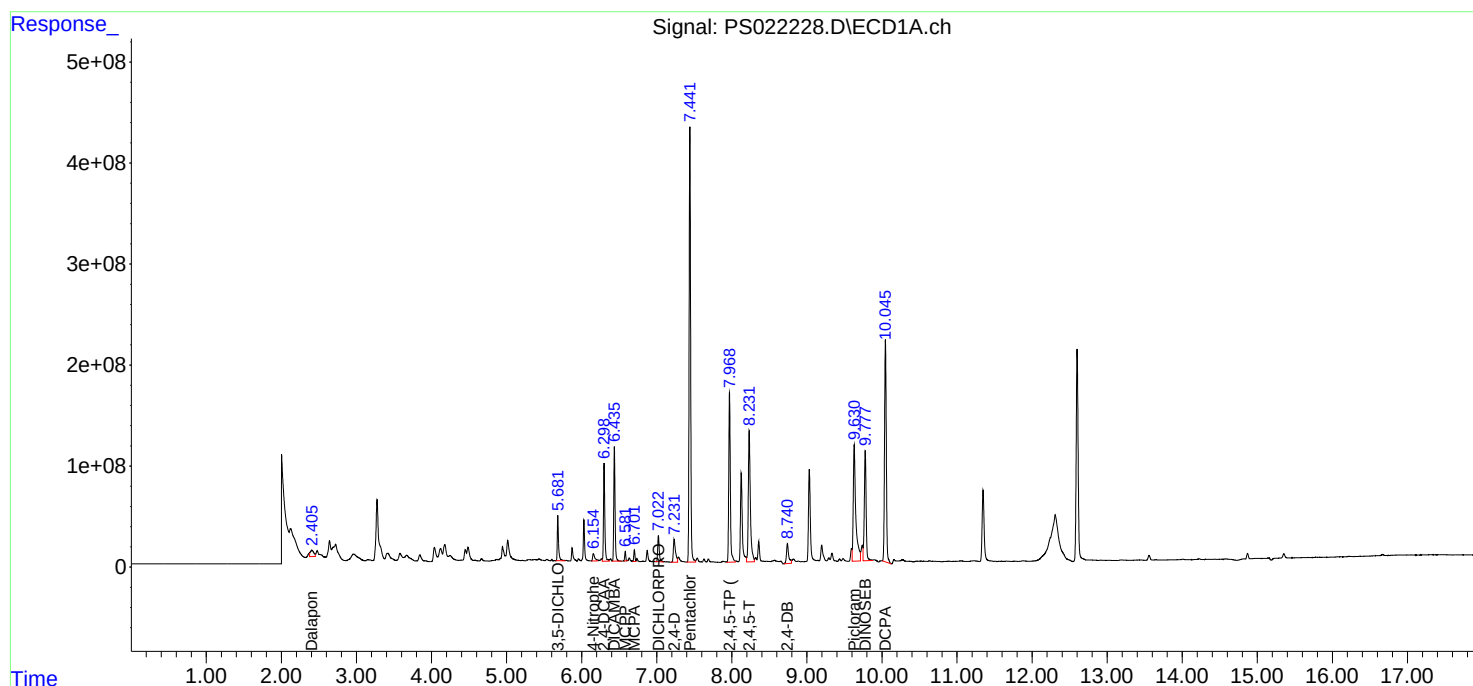
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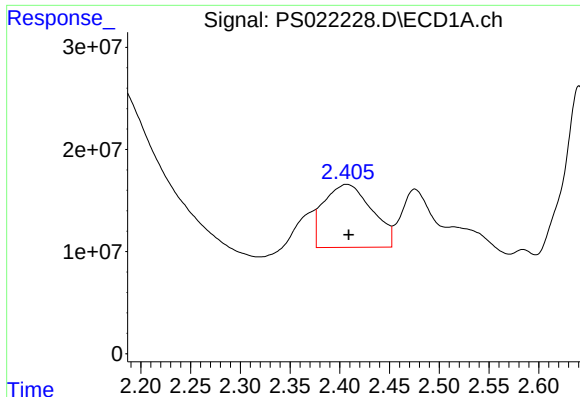
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Supervised By :Ankita Jodhani 02/22/2023

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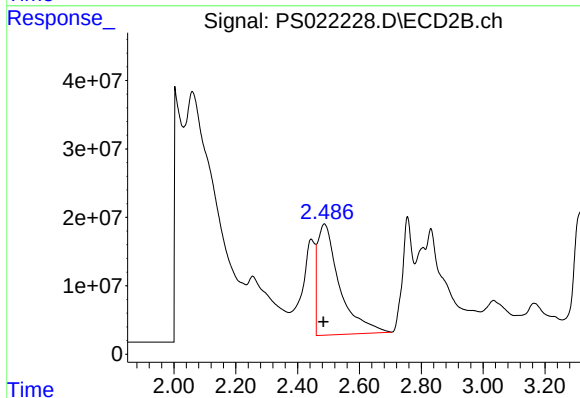
#1 Dalapon

R.T.: 2.405 min
Delta R.T.: -0.004 min
Response: 205387714
Conc: 64.79 ng/ml

Instrument :
ECD_S
ClientSampleId :
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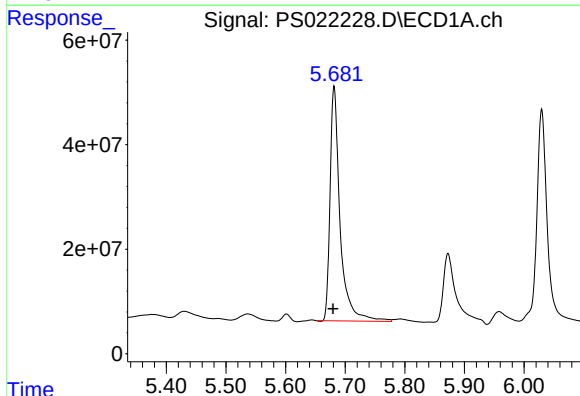
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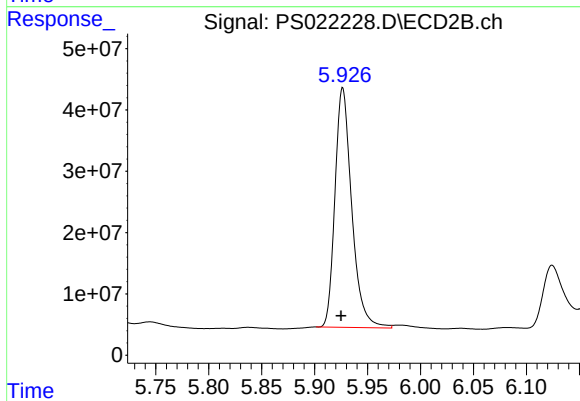
#1 Dalapon

R.T.: 2.487 min
Delta R.T.: 0.004 min
Response: 801339241
Conc: 248.85 ng/ml



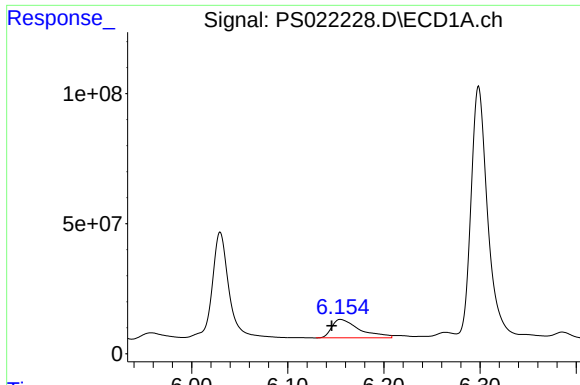
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 525709530
Conc: 141.42 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 430836892
Conc: 139.32 ng/ml



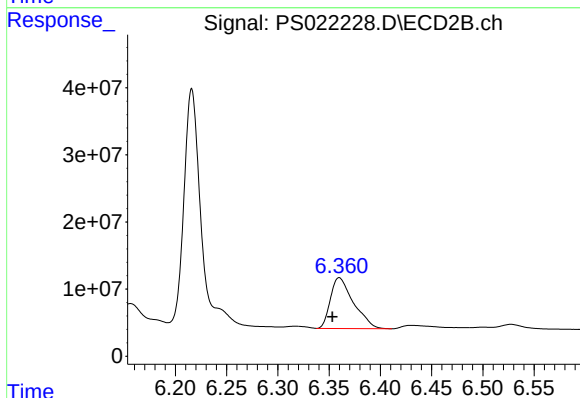
#3 4-Nitrophenol

R.T.: 6.154 min
Delta R.T.: 0.008 min
Response: 142387910
Conc: 111.89 ng/ml

Instrument :
ECD_S
ClientSampleId :
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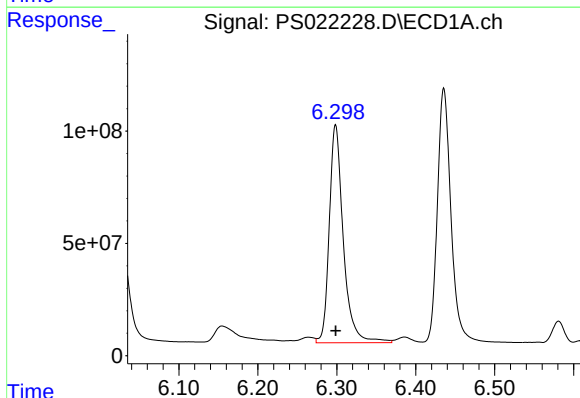
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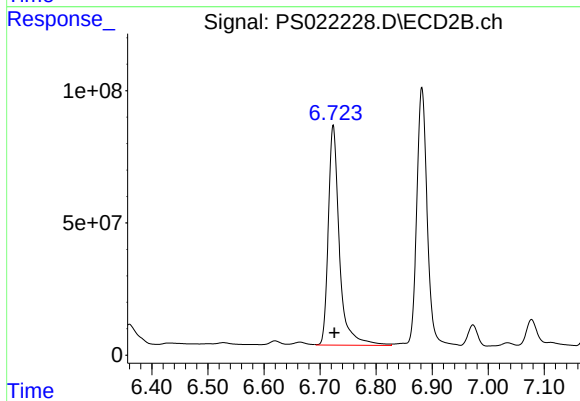
#3 4-Nitrophenol

R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 118675696
Conc: 88.86 ng/ml



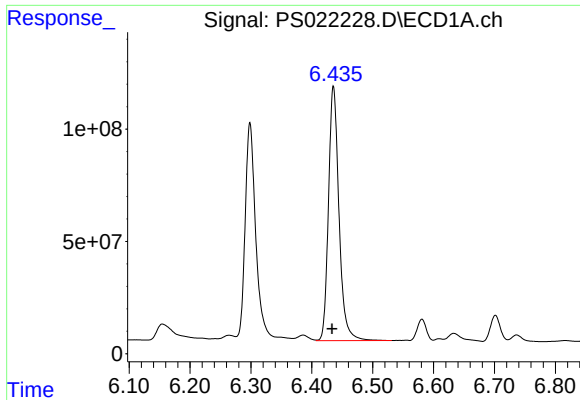
#4 2,4-DCAA

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1199988545
Conc: 484.12 ng/ml



#4 2,4-DCAA

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 1144906934
Conc: 545.46 ng/ml



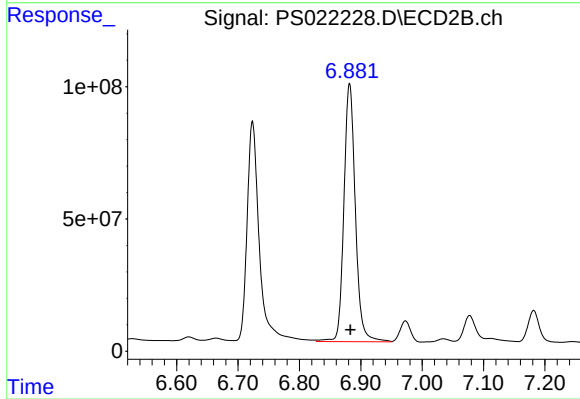
#5 DICAMBA

R.T.: 6.436 min
Delta R.T.: 0.002 min
Response: 1354240227
Conc: 130.51 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

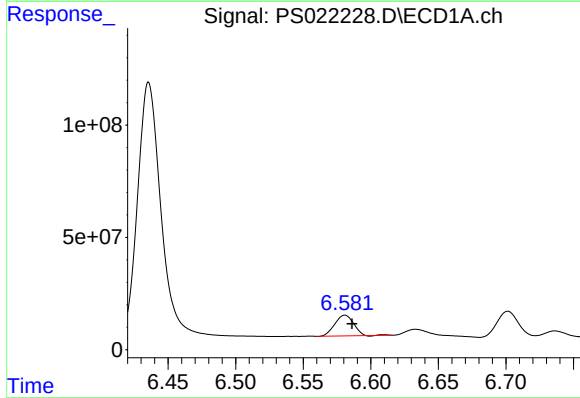
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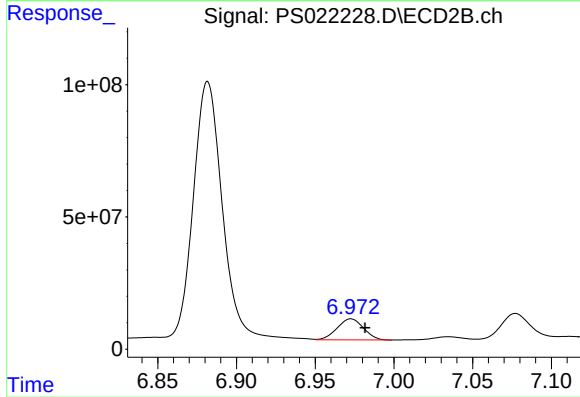
#5 DICAMBA

R.T.: 6.882 min
Delta R.T.: -0.001 min
Response: 1267057477
Conc: 131.11 ng/ml



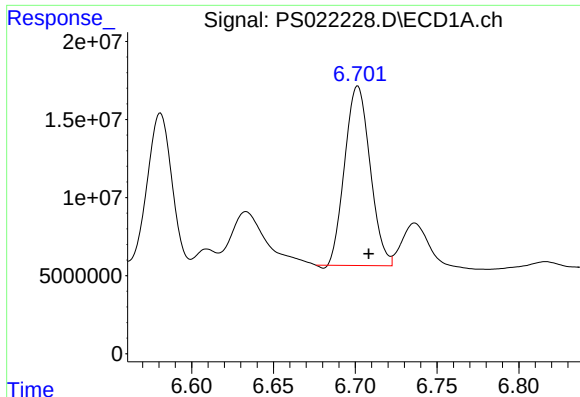
#6 MCP

R.T.: 6.581 min
Delta R.T.: -0.005 min
Response: 90925276
Conc: 11.92 ug/ml



#6 MCP

R.T.: 6.973 min
Delta R.T.: -0.009 min
Response: 93083152
Conc: 12.19 ug/ml



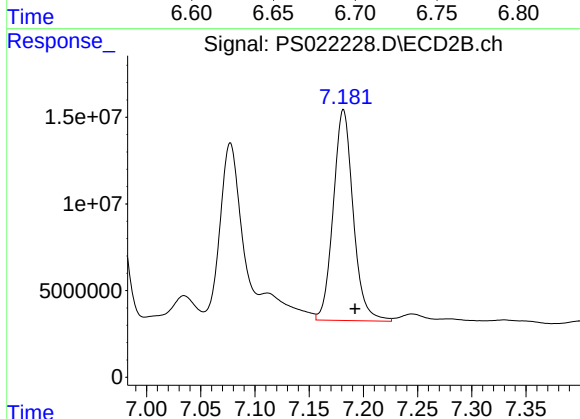
#7 MCPA

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 123813866
Conc: 11.89 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

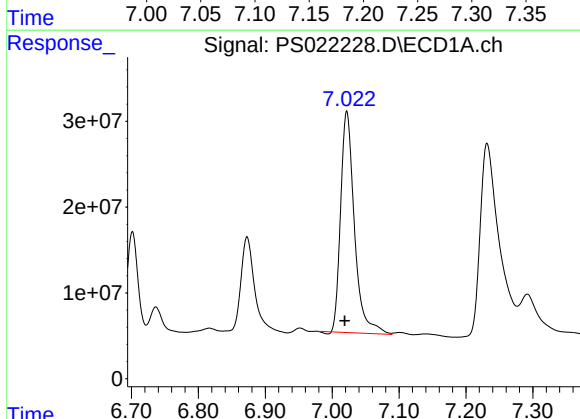
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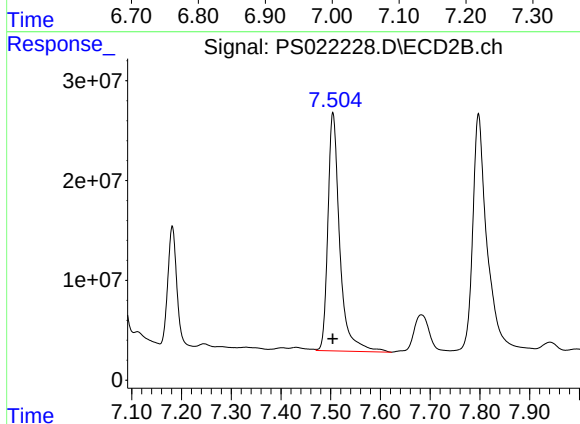
#7 MCPA

R.T.: 7.182 min
Delta R.T.: -0.011 min
Response: 155786900
Conc: 15.28 ug/ml



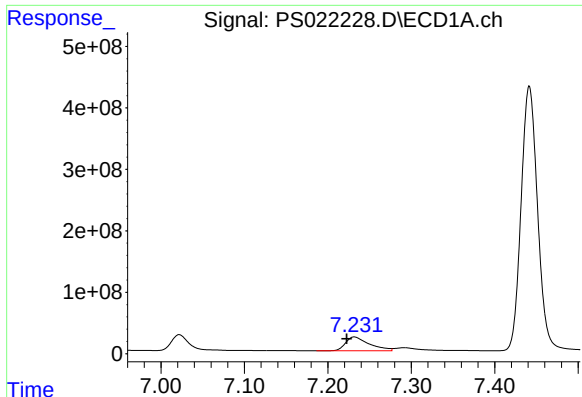
#8 DICHLORPROP

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 367852734
Conc: 136.21 ng/ml



#8 DICHLORPROP

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 395952645
Conc: 161.06 ng/ml



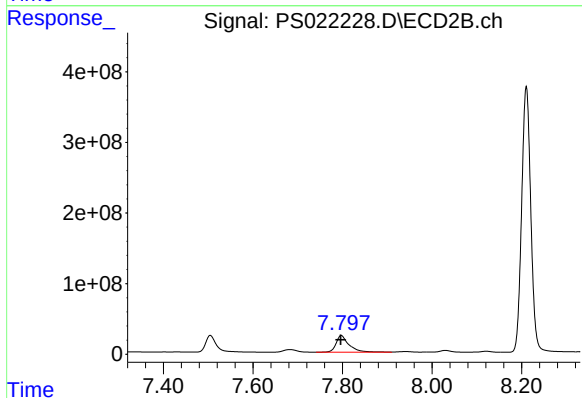
#9 2,4-D

R.T.: 7.232 min
Delta R.T.: 0.009 min
Response: 446542302
Conc: 136.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

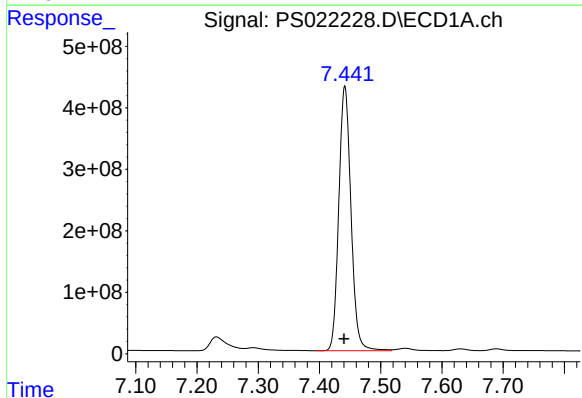
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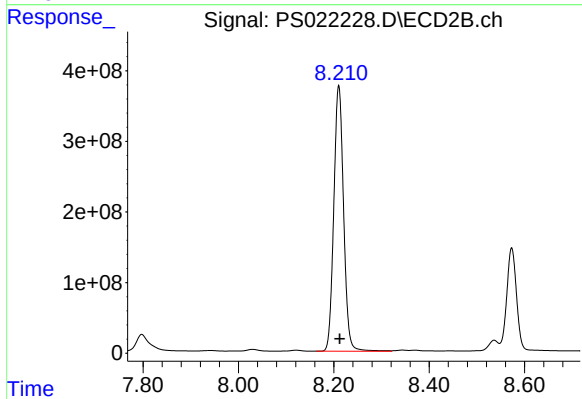
#9 2,4-D

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 474493750
Conc: 163.86 ng/ml m



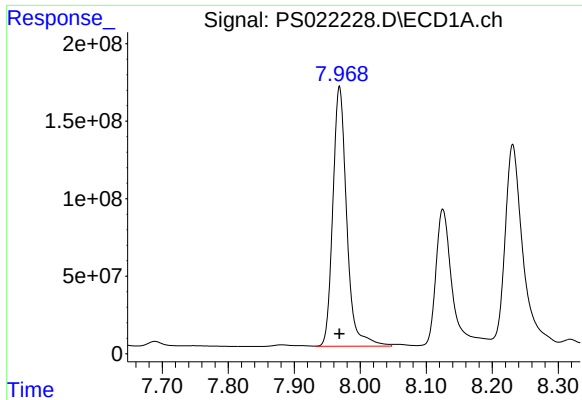
#10 Pentachlorophenol

R.T.: 7.442 min
Delta R.T.: 0.002 min
Response: 5944586161
Conc: 165.11 ng/ml



#10 Pentachlorophenol

R.T.: 8.210 min
Delta R.T.: -0.002 min
Response: 5369842079
Conc: 165.73 ng/ml



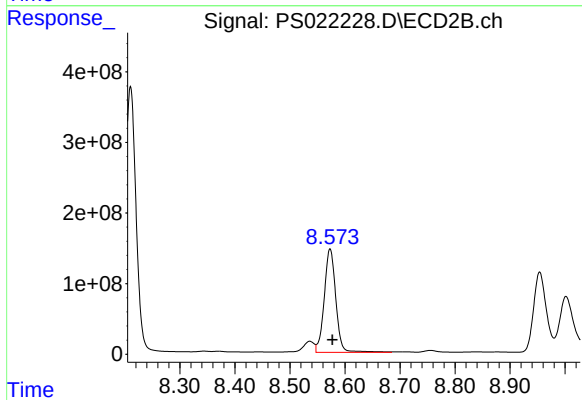
#11 2,4,5-TP (SILVEX)

R.T.: 7.969 min
Delta R.T.: 0.000 min
Response: 2452609423
Conc: 159.03 ng/ml

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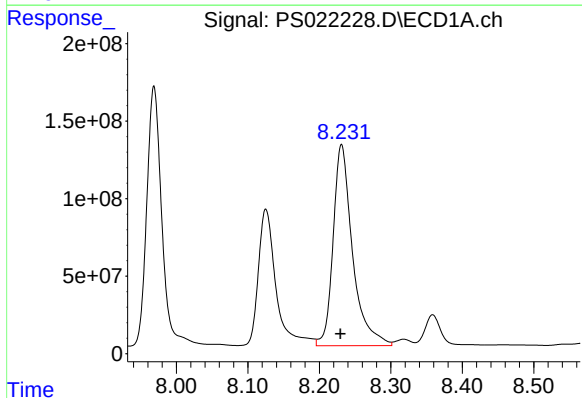
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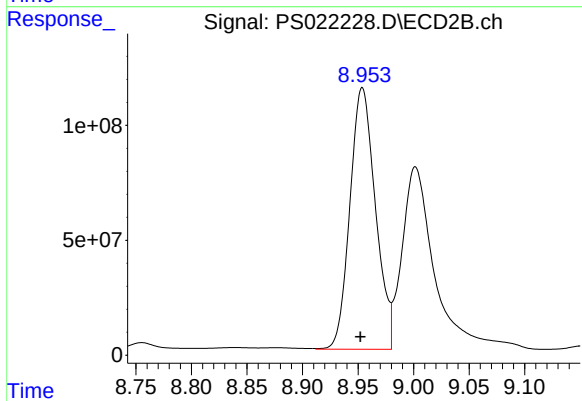
#11 2,4,5-TP (SILVEX)

R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: 2147320469
Conc: 159.64 ng/ml



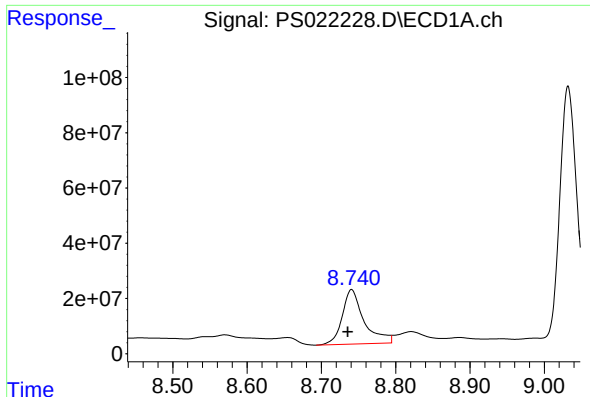
#12 2,4,5-T

R.T.: 8.231 min
Delta R.T.: 0.002 min
Response: 2449410655
Conc: 141.18 ng/ml



#12 2,4,5-T

R.T.: 8.954 min
Delta R.T.: 0.002 min
Response: 1819275655
Conc: 151.27 ng/ml



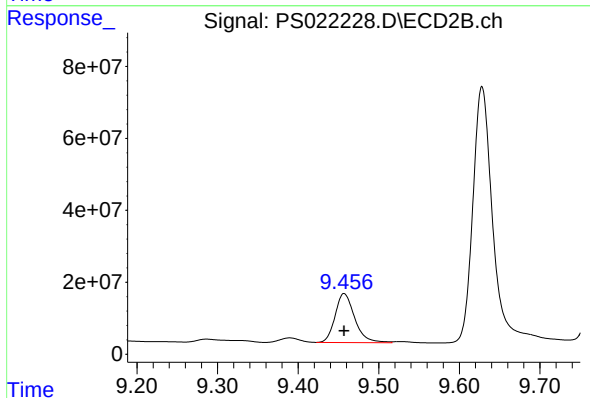
#13 2,4-DB

R.T.: 8.741 min
Delta R.T.: 0.005 min
Response: 402957000
Conc: 148.64 ng/ml

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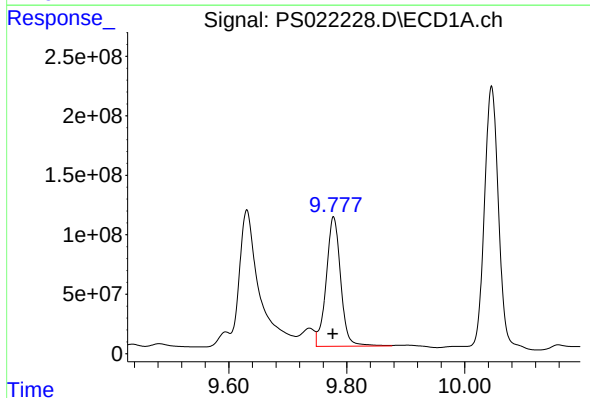
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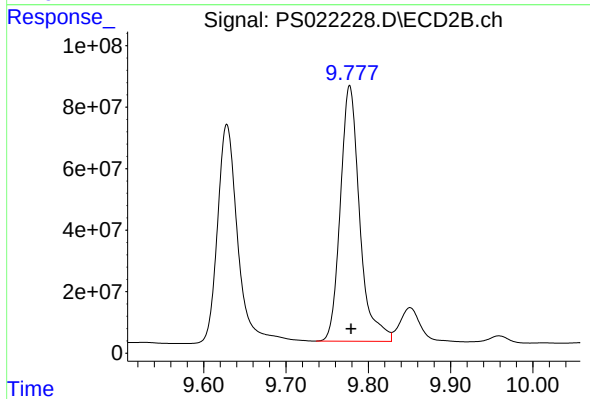
#13 2,4-DB

R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 229445397
Conc: 138.20 ng/ml



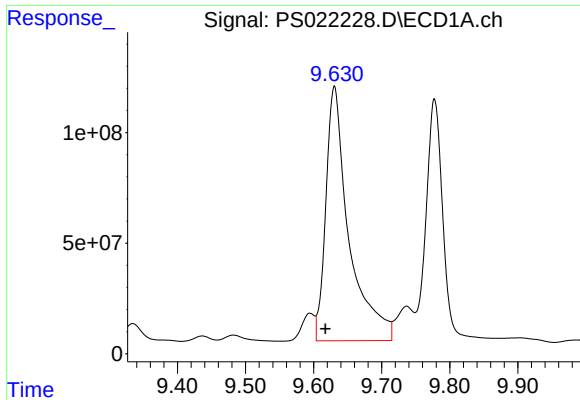
#14 DINOSEB

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 1858248845
Conc: 135.21 ng/ml



#14 DINOSEB

R.T.: 9.777 min
Delta R.T.: -0.002 min
Response: 1356971187
Conc: 142.23 ng/ml m



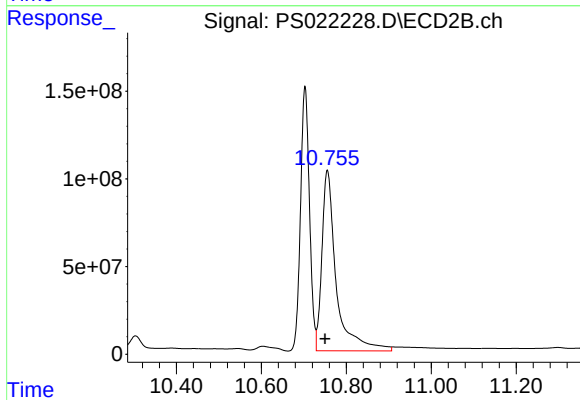
#15 Picloram

R.T.: 9.630 min
Delta R.T.: 0.013 min
Response: 2702575258
Conc: 109.71 ng/ml

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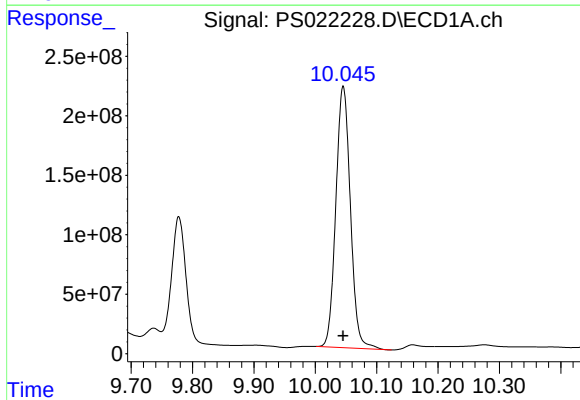
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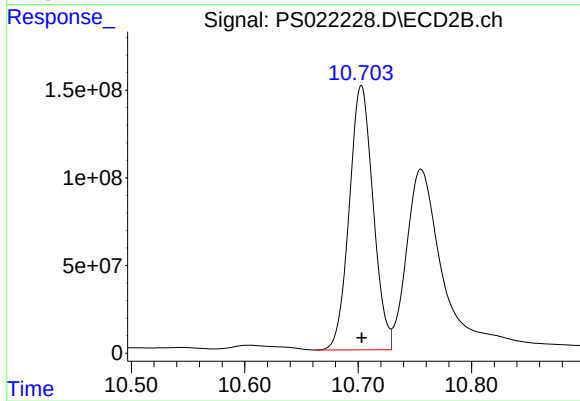
#15 Picloram

R.T.: 10.755 min
Delta R.T.: 0.005 min
Response: 2416277903
Conc: 123.24 ng/ml m



#16 DCPA

R.T.: 10.046 min
Delta R.T.: 0.000 min
Response: 3617882540
Conc: 169.87 ng/ml



#16 DCPA

R.T.: 10.703 min
Delta R.T.: 0.000 min
Response: 2204059162
Conc: 140.88 ng/ml