

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS022223\
 Data File : PS022244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2023 16:48
 Operator : AR\AJ
 Sample : 01627-03
 Misc : MDL,SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/23/2023
 Supervised By :Ankita Jodhani 02/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:14:20 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 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	6.299	6.723	1175.0E6	1100.7E6	474.053	524.423
Target Compounds							
1) T	Dalapon	2.406	2.485	218.2E6	281.1E6	68.824m	87.297m#
2) T	3,5-DICHL...	5.684	5.928	339.5E6	279.2E6	91.336	90.281
3) T	4-Nitroph...	6.162	6.364	88983967	74968663	69.927m	56.134
5) T	DICAMBA	6.437	6.882	884.0E6	823.9E6	85.189	85.256
6) T	MCPD	6.581	6.972	54683050	59214947	7.167	7.756
7) T	MCPA	6.702	7.181	77344216	108.1E6	7.427	10.607 #
8) T	DICHLORPROP	7.024	7.506	239.9E6	270.2E6	88.823	109.907
9) T	2,4-D	7.238	7.799	294.3E6	302.9E6	89.748	104.599
10) T	Pentachlo...	7.443	8.211	3845.5E6	3506.9E6	106.811	108.231
11) T	2,4,5-TP ...	7.970	8.573	1640.7E6	1436.5E6	106.385	106.792
12) T	2,4,5-T	8.234	8.956	1599.3E6	1175.6E6	92.185	97.748
13) T	2,4-DB	8.743	9.459	269.8E6	149.4E6	99.511	89.968
14) T	DINOSEB	9.778	9.777	1256.0E6	893.5E6	91.393	93.648
15) T	Picloram	9.633	10.758	1754.9E6	1691.5E6	71.239	86.274
16) T	DCPA	10.045	10.702	2433.4E6	1524.8E6	114.250	97.465

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

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Sample : 01627-03
Misc : MDL,SOIL
ALS Vial : 8 Sample Multiplier: 1

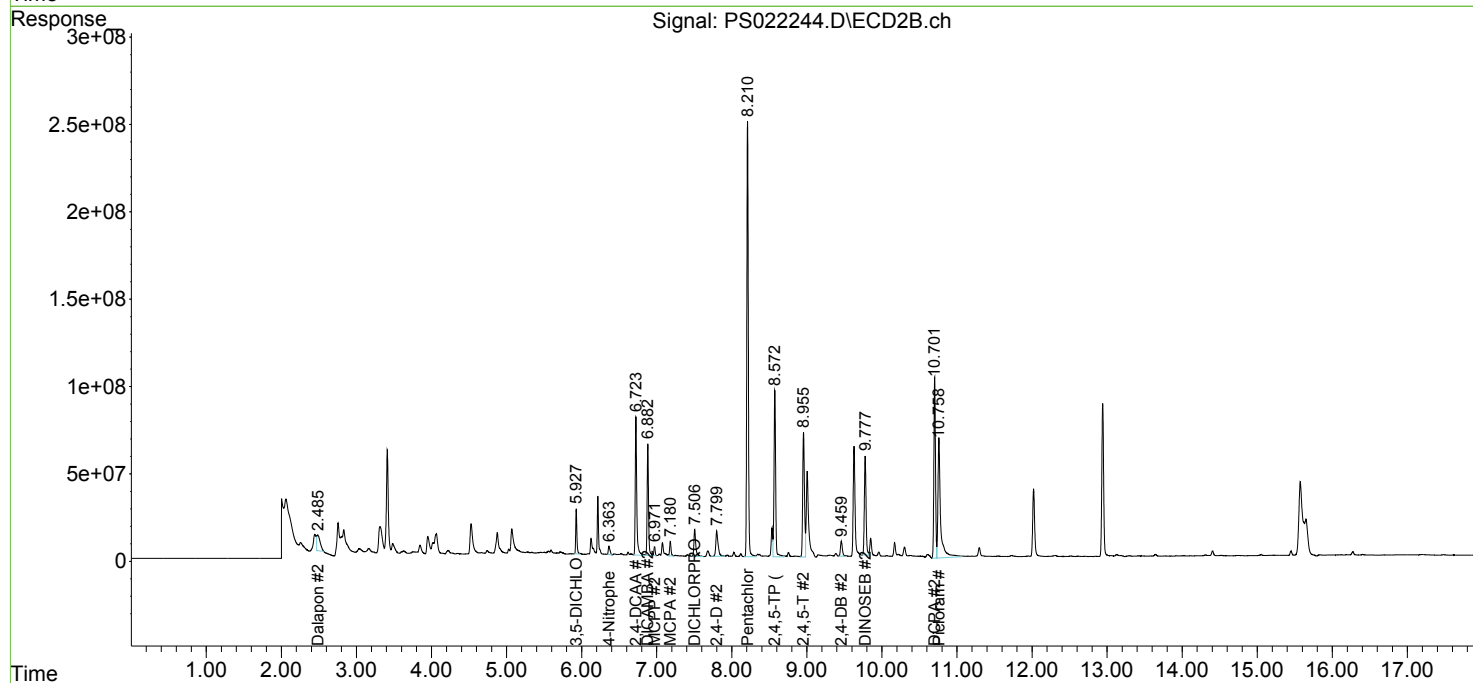
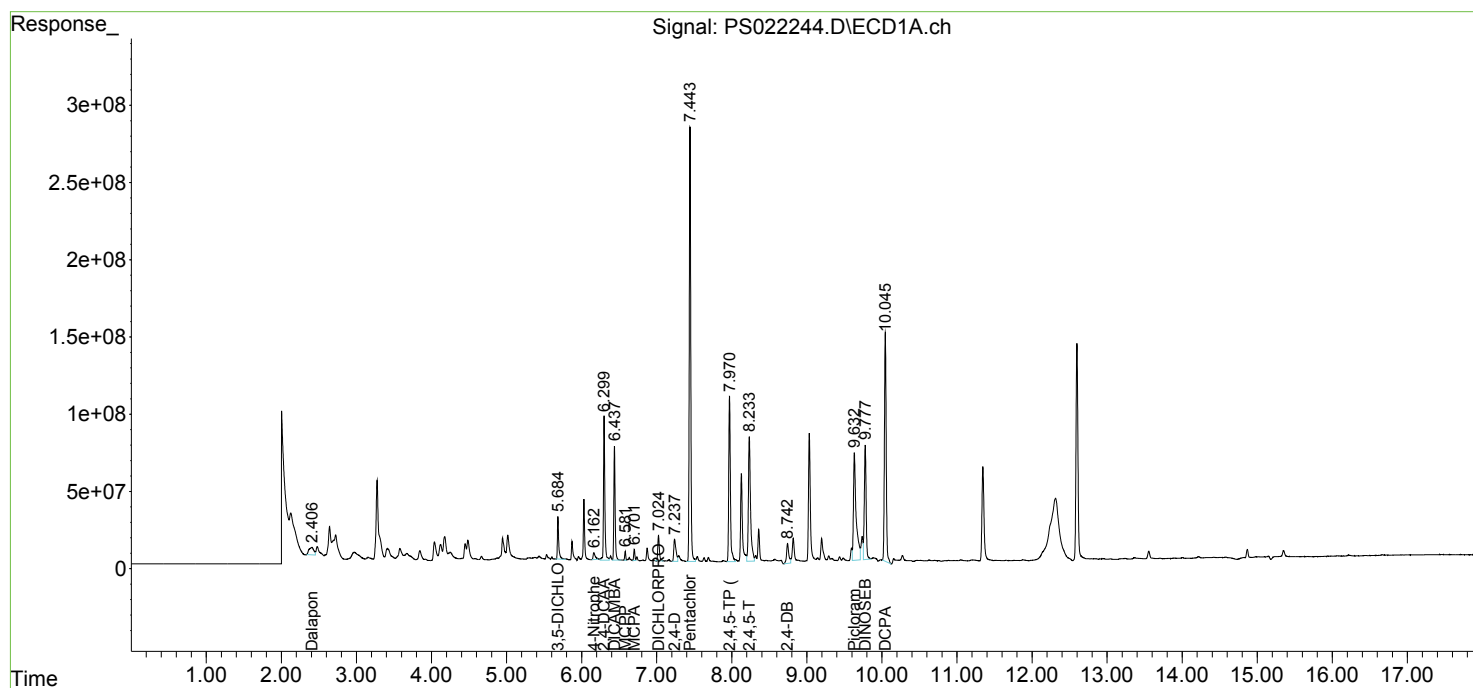
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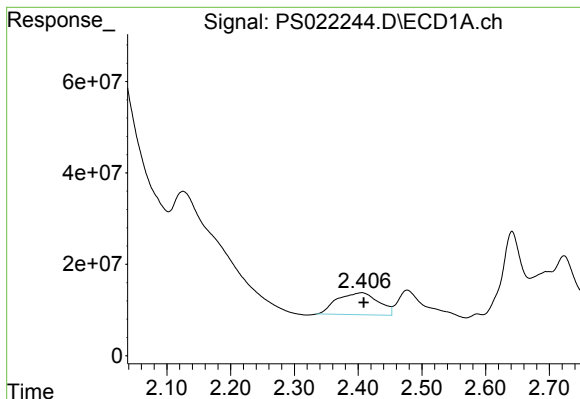
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Supervised By : Ankita Jodhani 02/23/2023

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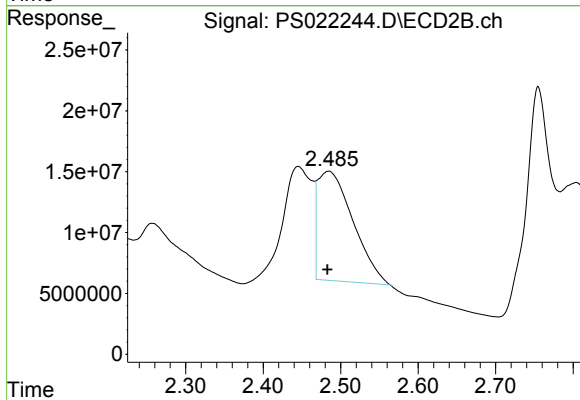
#1 Dalapon

R.T.: 2.406 min
Delta R.T.: -0.003 min
Response: 218192658
Conc: 68.82 ng/ml

Instrument :
ECD_S
ClientSampleId :
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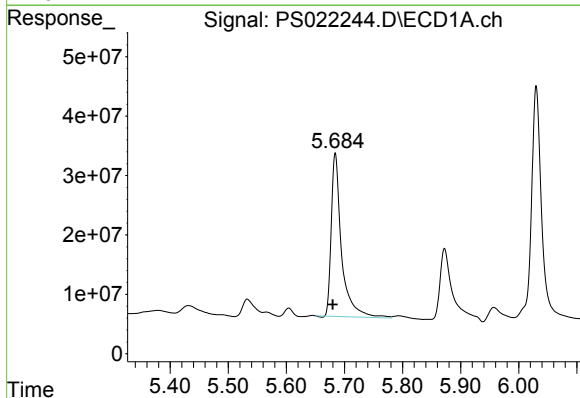
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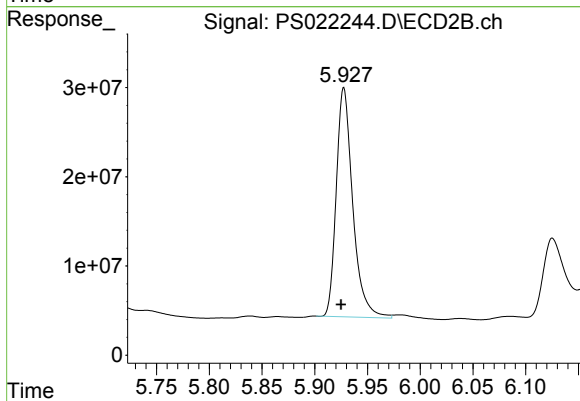
#1 Dalapon

R.T.: 2.485 min
Delta R.T.: 0.002 min
Response: 281108033
Conc: 87.30 ng/ml m



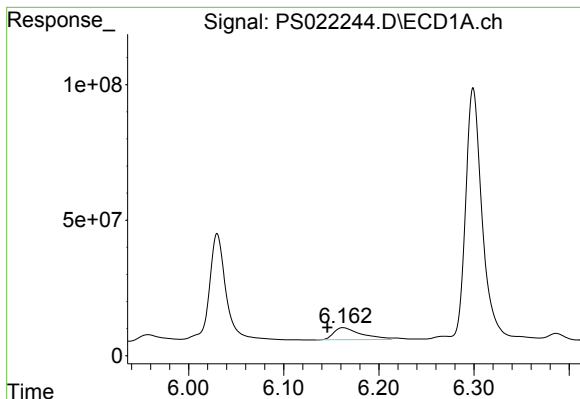
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.684 min
Delta R.T.: 0.005 min
Response: 339531099
Conc: 91.34 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 279178274
Conc: 90.28 ng/ml



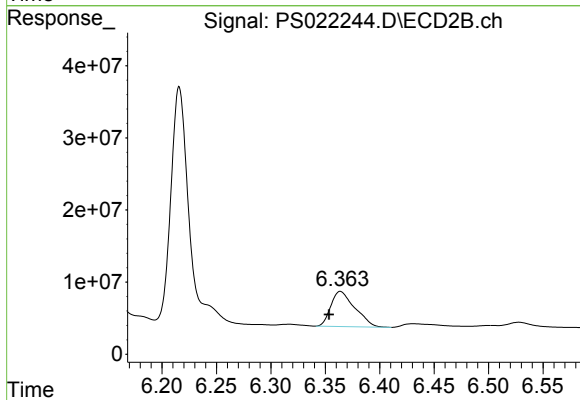
#3 4-Nitrophenol

R.T.: 6.162 min
Delta R.T.: 0.016 min
Response: 88983967
Conc: 69.93 ng/ml

Instrument :
ECD_S
ClientSampleId :
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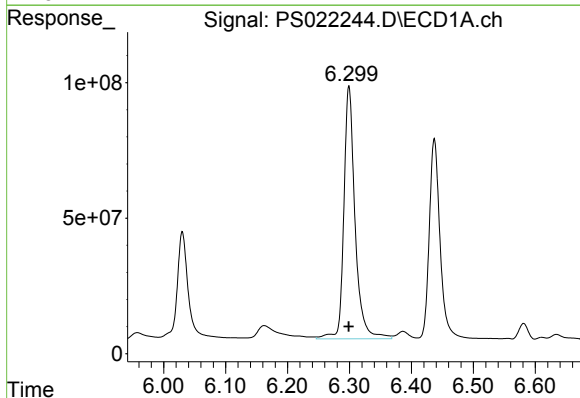
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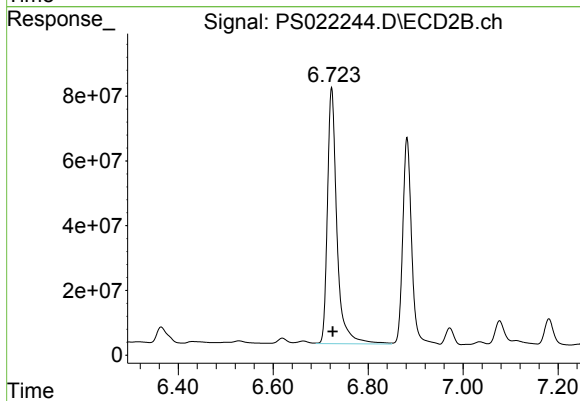
#3 4-Nitrophenol

R.T.: 6.364 min
Delta R.T.: 0.011 min
Response: 74968663
Conc: 56.13 ng/ml



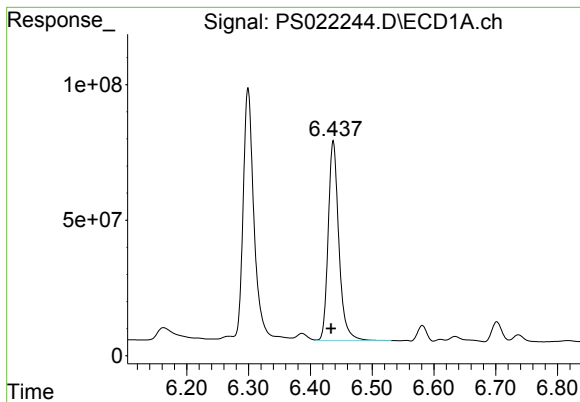
#4 2,4-DCAA

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 1175031599
Conc: 474.05 ng/ml



#4 2,4-DCAA

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 1100745281
Conc: 524.42 ng/ml



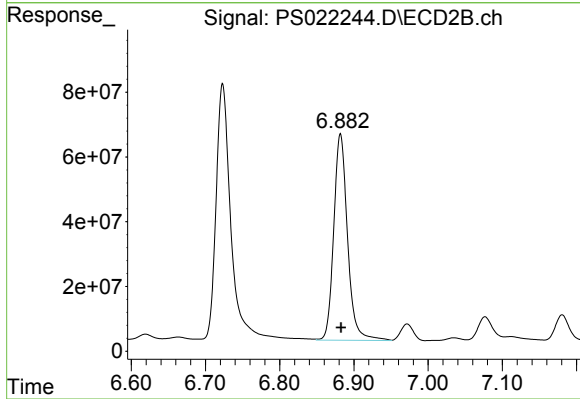
#5 DICAMBA

R.T.: 6.437 min
Delta R.T.: 0.004 min
Response: 883974477
Conc: 85.19 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2022

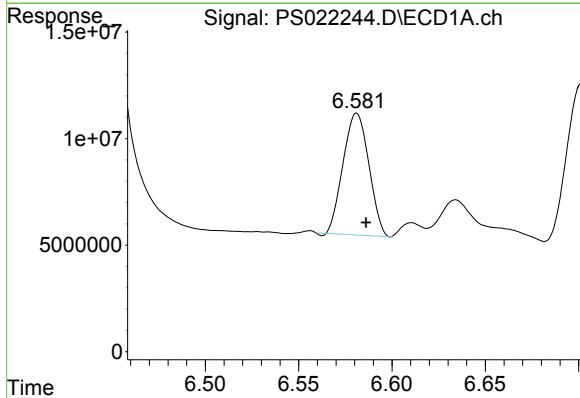
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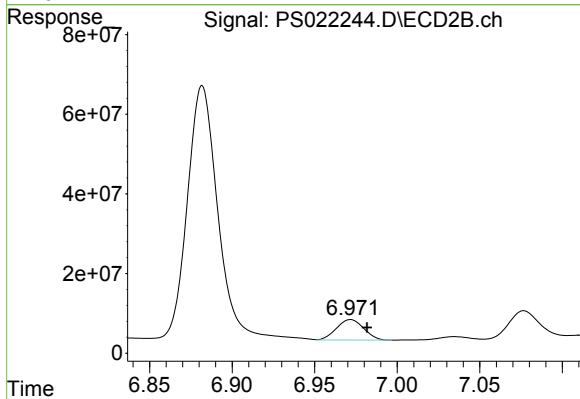
#5 DICAMBA

R.T.: 6.882 min
Delta R.T.: -0.001 min
Response: 823907596
Conc: 85.26 ng/ml



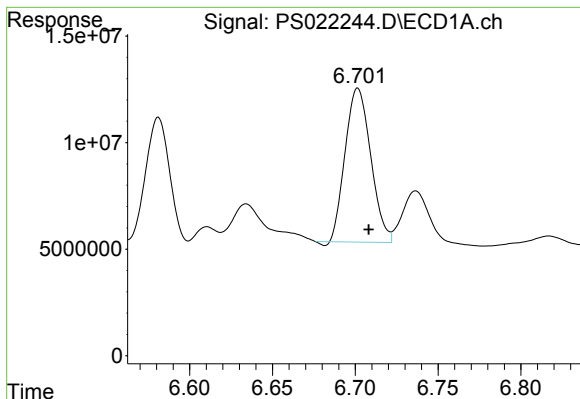
#6 MCPP

R.T.: 6.581 min
Delta R.T.: -0.005 min
Response: 54683050
Conc: 7.17 ug/ml



#6 MCPP

R.T.: 6.972 min
Delta R.T.: -0.010 min
Response: 59214947
Conc: 7.76 ug/ml



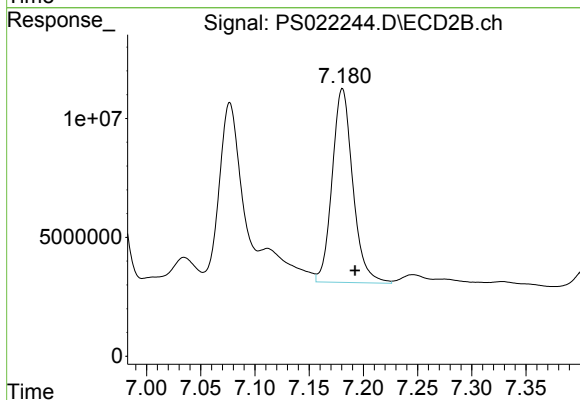
#7 MCPA

R.T.: 6.702 min
Delta R.T.: -0.006 min
Response: 77344216
Conc: 7.43 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2022

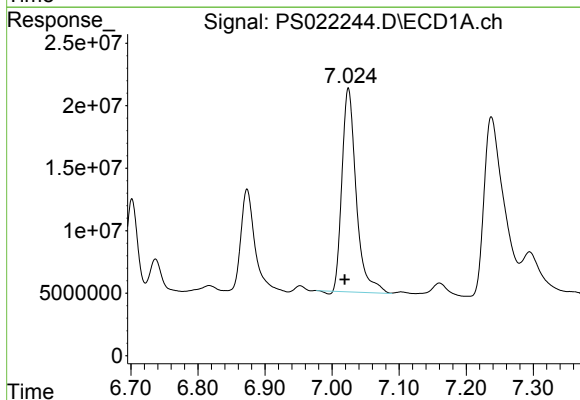
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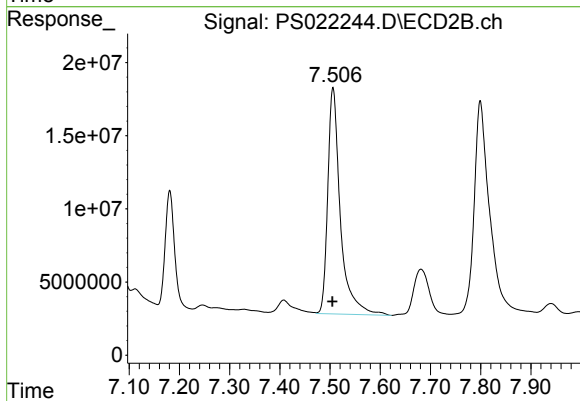
#7 MCPA

R.T.: 7.181 min
Delta R.T.: -0.012 min
Response: 108109258
Conc: 10.61 ug/ml



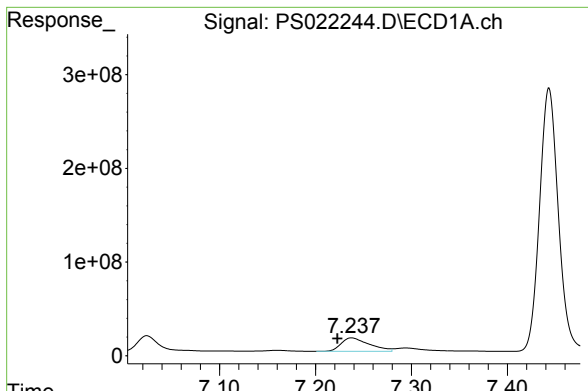
#8 DICHLORPROP

R.T.: 7.024 min
Delta R.T.: 0.006 min
Response: 239875973
Conc: 88.82 ng/ml



#8 DICHLORPROP

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 270197865
Conc: 109.91 ng/ml



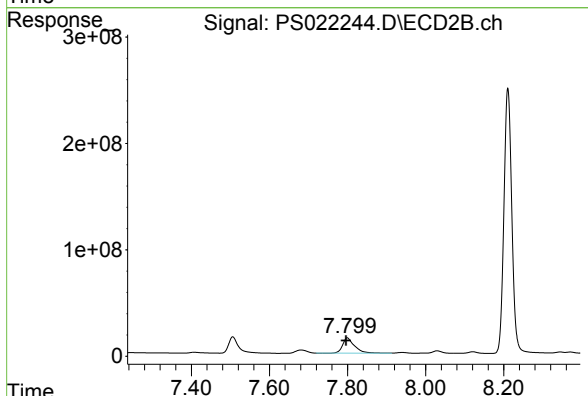
#9 2,4-D

R.T.: 7.238 min
Delta R.T.: 0.015 min
Response: 294257894
Conc: 89.75 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2022

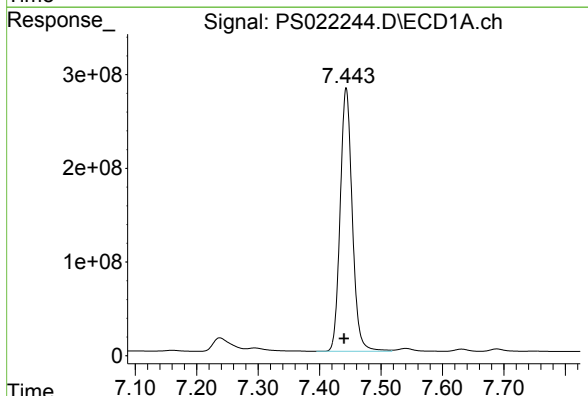
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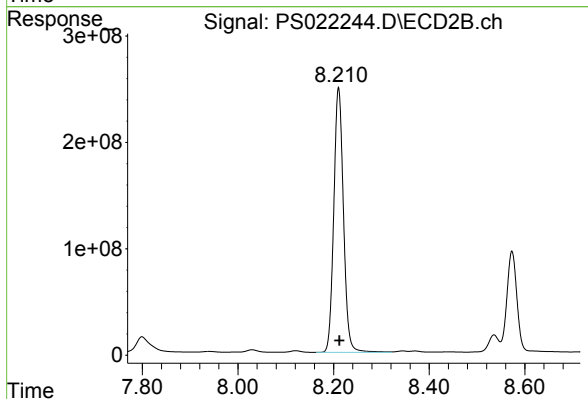
#9 2,4-D

R.T.: 7.799 min
Delta R.T.: 0.003 min
Response: 302887643
Conc: 104.60 ng/ml



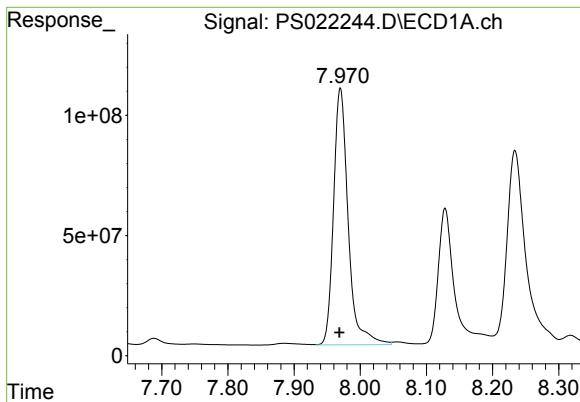
#10 Pentachlorophenol

R.T.: 7.443 min
Delta R.T.: 0.003 min
Response: 3845506582
Conc: 106.81 ng/ml



#10 Pentachlorophenol

R.T.: 8.211 min
Delta R.T.: -0.002 min
Response: 3506865685
Conc: 108.23 ng/ml



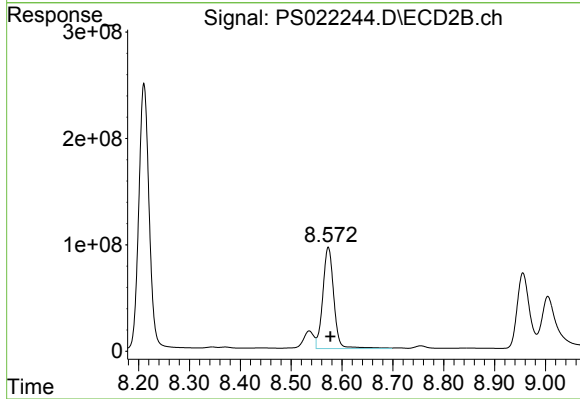
#11 2,4,5-TP (SILVEX)

R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 1640712750
Conc: 106.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-SOIL-03-QT1-2022

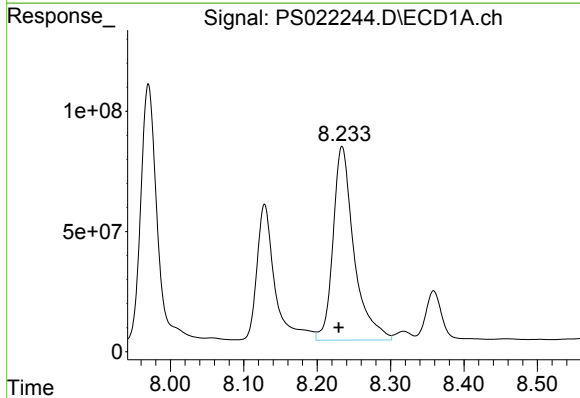
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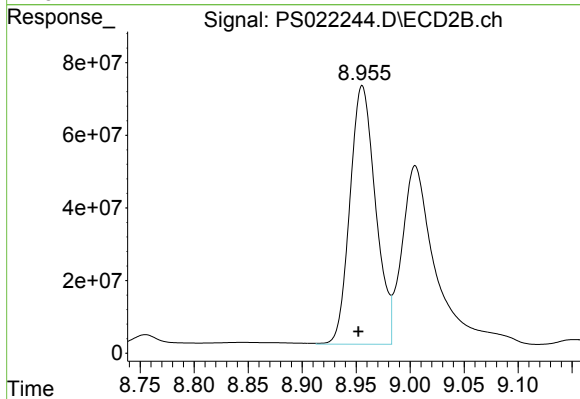
#11 2,4,5-TP (SILVEX)

R.T.: 8.573 min
Delta R.T.: -0.004 min
Response: 1436463662
Conc: 106.79 ng/ml



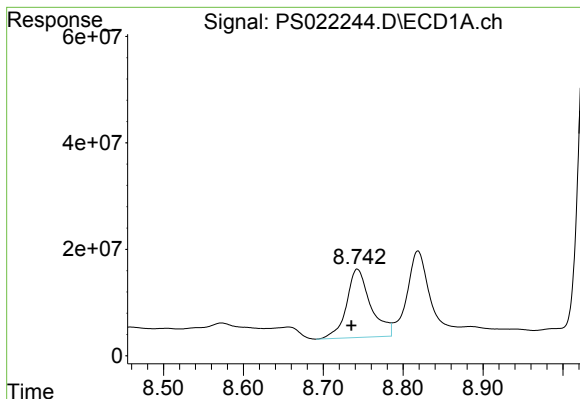
#12 2,4,5-T

R.T.: 8.234 min
Delta R.T.: 0.005 min
Response: 1599332680
Conc: 92.19 ng/ml



#12 2,4,5-T

R.T.: 8.956 min
Delta R.T.: 0.003 min
Response: 1175623386
Conc: 97.75 ng/ml



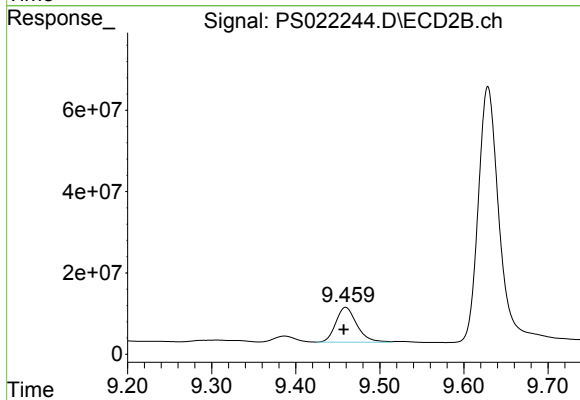
#13 2,4-DB

R.T.: 8.743 min
Delta R.T.: 0.007 min
Response: 269768204
Conc: 99.51 ng/ml

Instrument :
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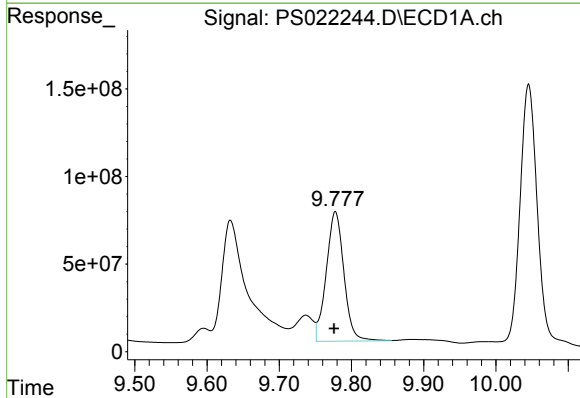
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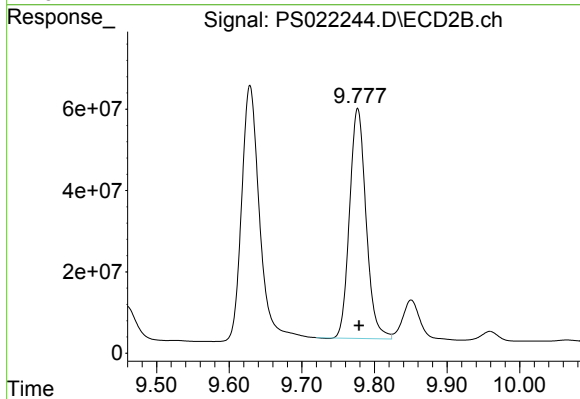
#13 2,4-DB

R.T.: 9.459 min
Delta R.T.: 0.003 min
Response: 149370500
Conc: 89.97 ng/ml



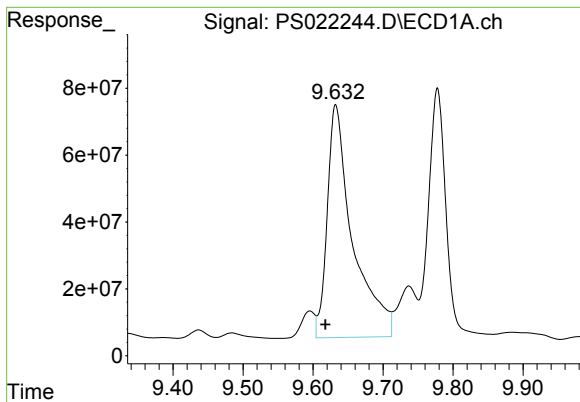
#14 DINOSEB

R.T.: 9.778 min
Delta R.T.: 0.002 min
Response: 1256013798
Conc: 91.39 ng/ml



#14 DINOSEB

R.T.: 9.777 min
Delta R.T.: -0.002 min
Response: 893495162
Conc: 93.65 ng/ml



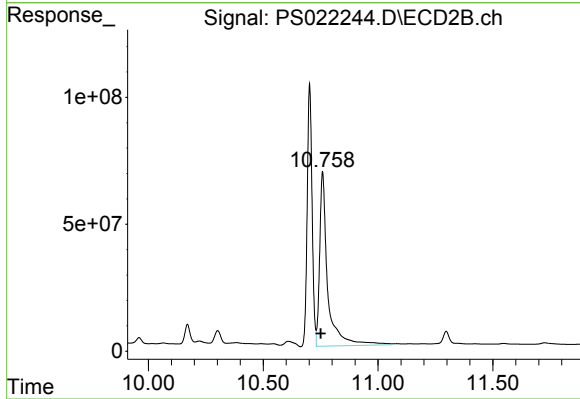
#15 Picloram

R.T.: 9.633 min
Delta R.T.: 0.015 min
Response: 1754901935
Conc: 71.24 ng/ml

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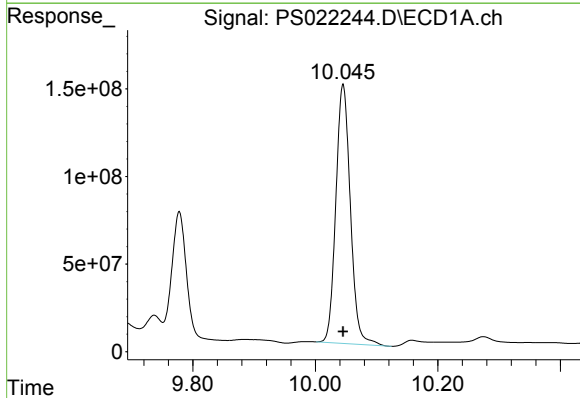
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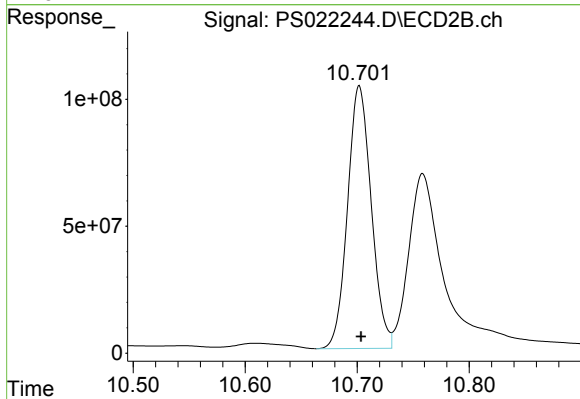
#15 Picloram

R.T.: 10.758 min
Delta R.T.: 0.009 min
Response: 1691478470
Conc: 86.27 ng/ml



#16 DCPA

R.T.: 10.045 min
Delta R.T.: 0.000 min
Response: 2433365693
Conc: 114.25 ng/ml



#16 DCPA

R.T.: 10.702 min
Delta R.T.: -0.001 min
Response: 1524824650
Conc: 97.46 ng/ml