

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040623\
 Data File : PS022614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 22:48
 Operator : AR\AJ
 Sample : 02213-01
 Misc : LOD SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 08:25:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS032023.M
 Quant Title : 8080.M
 QLast Update : Mon Mar 20 15:46:44 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	6.721	1065.3E6	1091.7E6	435.818	530.016
Target Compounds							
1) T	Dalapon	2.400	2.446	197.9E6	479.3E6	63.465m	146.853m#
2) T	3,5-DICHL...	5.687	5.929	299.5E6	276.7E6	80.432	86.767
3) T	4-Nitroph...	6.177	6.375	80989651	53164497	59.109m	37.867 #
5) T	DICAMBA	6.436	6.879	805.7E6	808.8E6	78.369	81.991
6) T	MCP	6.577	6.967	50500111	59850949	6.643	7.689
7) T	MCPA	6.697	7.175	66488852	116.0E6	6.370m	11.038 #
8) T	DICHLORPROP	7.024	7.505	234.1E6	301.0E6	88.319	120.887 #
9) T	2,4-D	7.251	7.808	236.3E6	281.5E6	72.062	95.146 #
10) T	Pentachlo...	7.440	8.206	3464.7E6	3441.3E6	98.470	104.839
11) T	2,4,5-TP ...	7.968	8.568	1444.7E6	1538.6E6	96.649	112.949
12) T	2,4,5-T	8.236	8.955	1494.4E6	1103.1E6	91.006	87.684
13) T	2,4-DB	8.748	9.462	270.8E6	145.9E6	89.823	86.888
14) T	DINOSEB	9.769	9.771	1534.2E6	880.4E6	118.379	91.797
15) T	Picloram	9.588	10.768	120.0E6	1505.8E6	4.835m	75.039 #
16) T	DCPA	10.036	10.694	2122.0E6	1531.0E6	102.878	96.521

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

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Misc : LOD SOIL
ALS Vial : 11 Sample Multiplier: 1

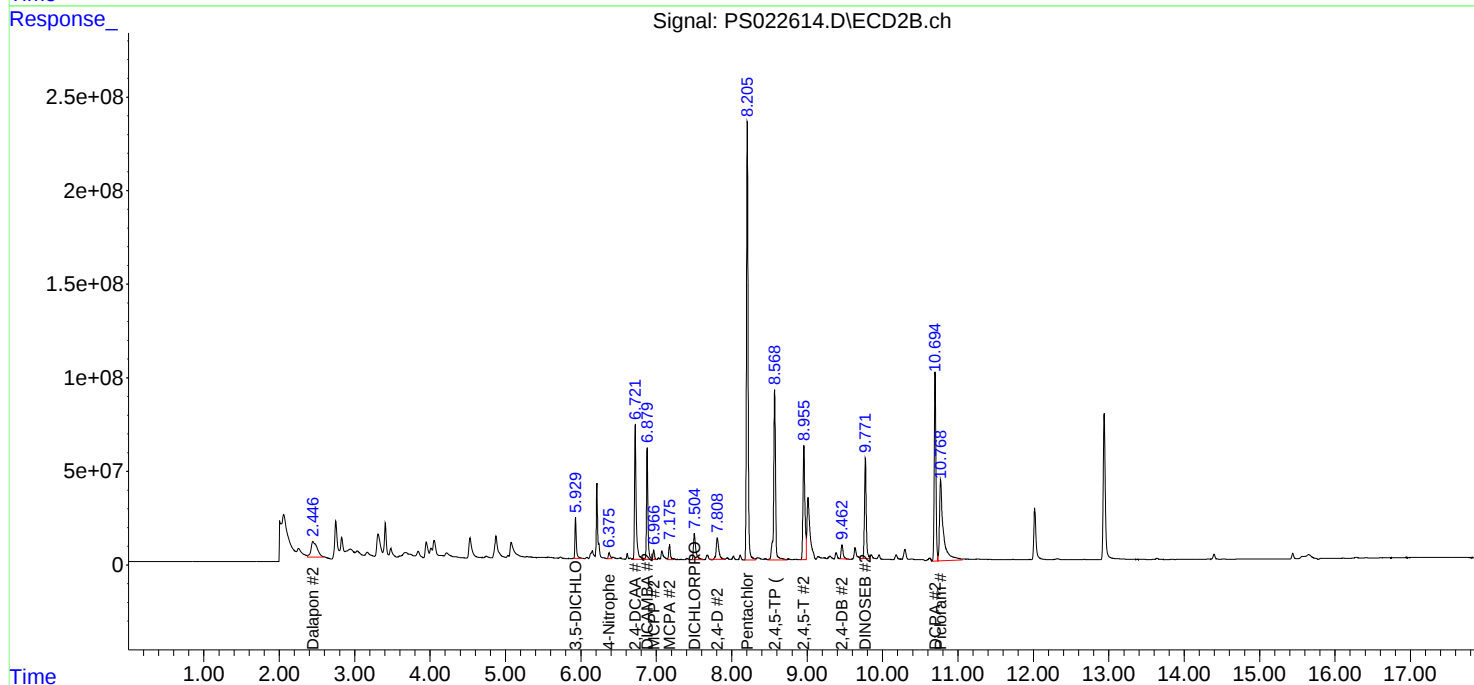
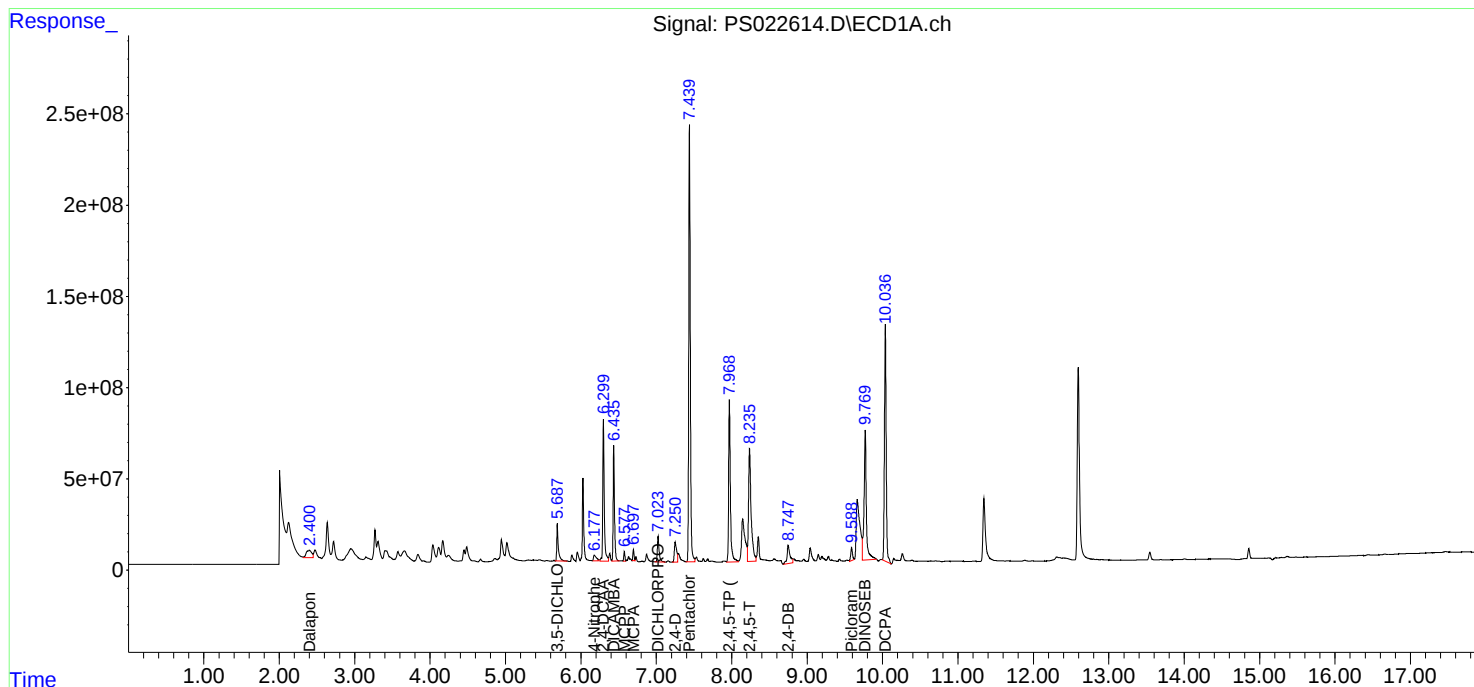
Instrument :
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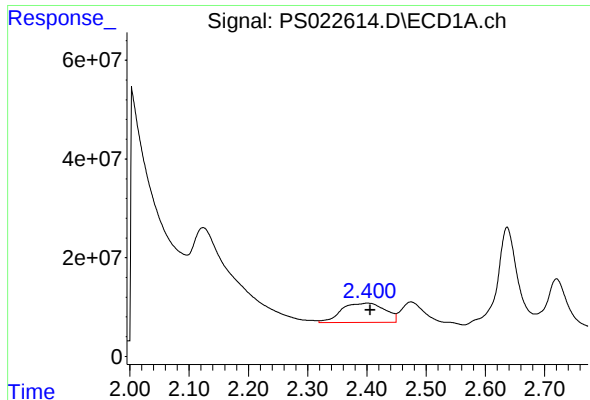
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Supervised By : Ankita Jodhani 04/07/2023

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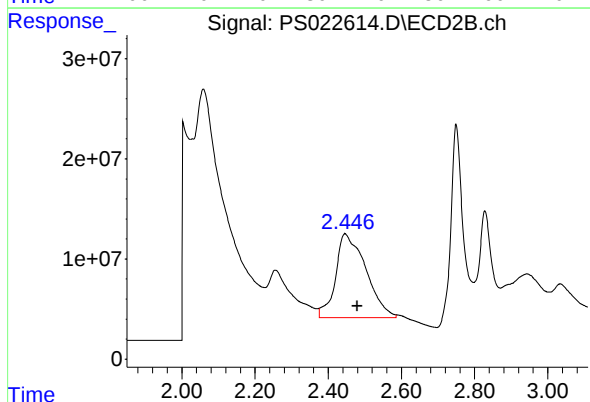
#1 Dalapon

R.T.: 2.400 min
Delta R.T.: -0.006 min
Response: 197920524
Conc: 63.46 ng/ml

Instrument :
ECD_S
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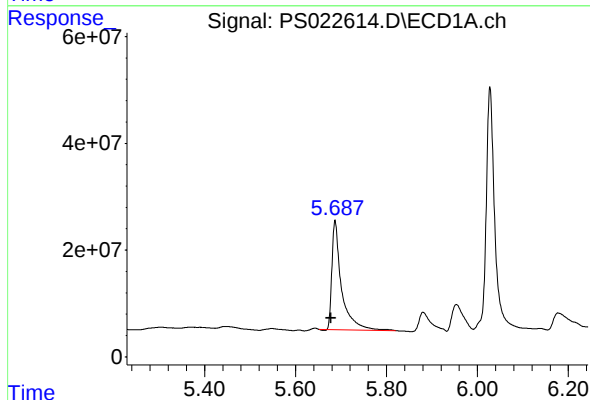
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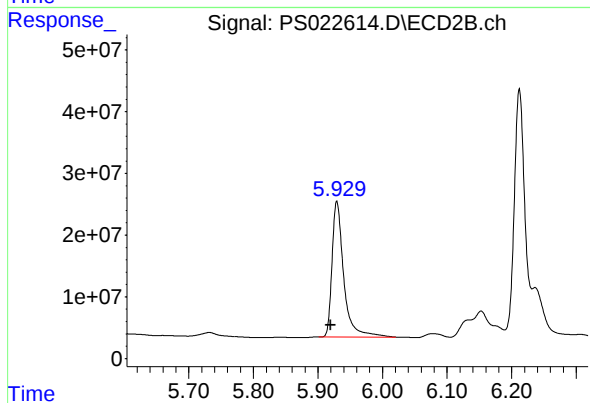
#1 Dalapon

R.T.: 2.446 min
Delta R.T.: -0.034 min
Response: 479258013
Conc: 146.85 ng/ml



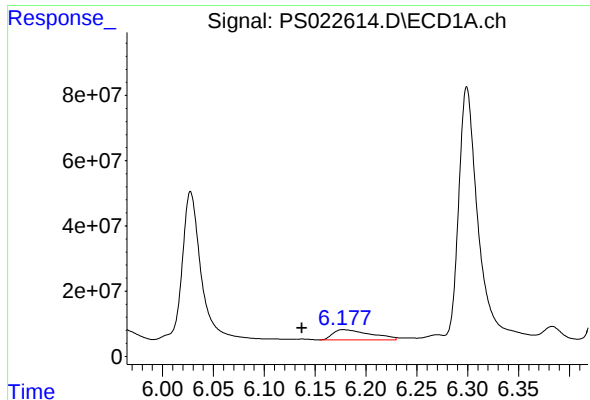
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.687 min
Delta R.T.: 0.010 min
Response: 299476243
Conc: 80.43 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.929 min
Delta R.T.: 0.010 min
Response: 276695902
Conc: 86.77 ng/ml



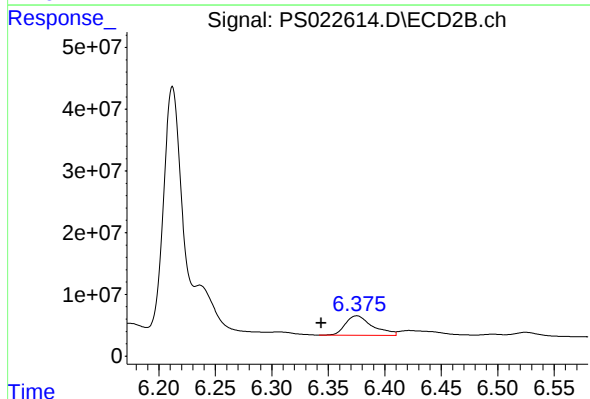
#3 4-Nitrophenol

R.T.: 6.177 min
Delta R.T.: 0.039 min
Response: 80989651
Conc: 59.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
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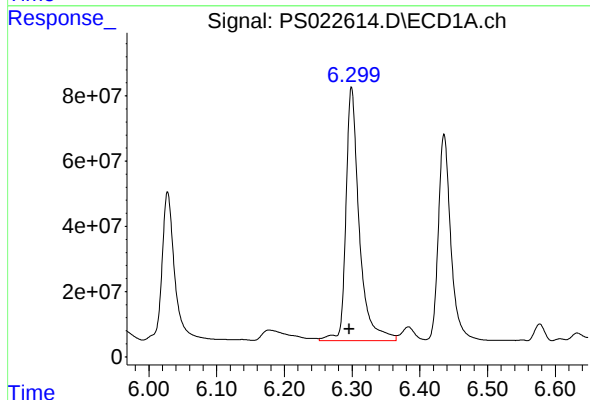
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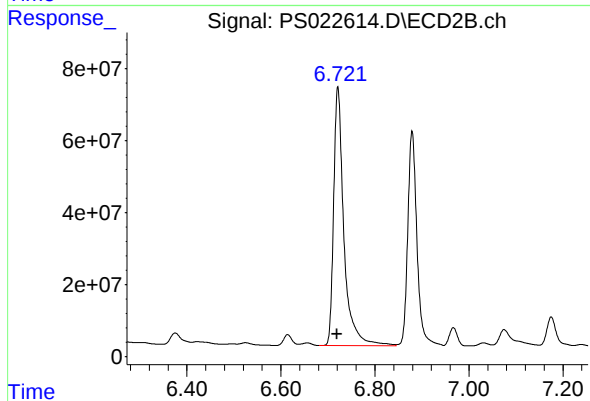
#3 4-Nitrophenol

R.T.: 6.375 min
Delta R.T.: 0.031 min
Response: 53164497
Conc: 37.87 ng/ml



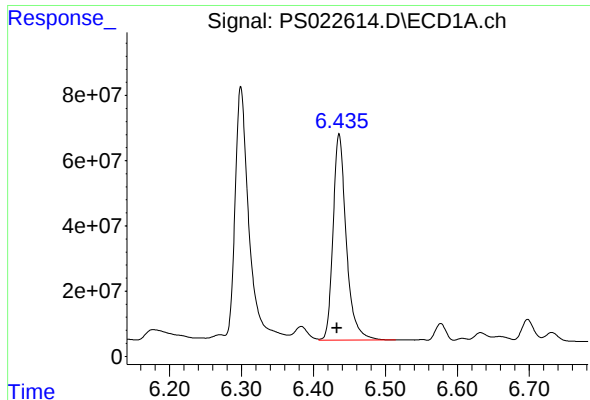
#4 2,4-DCAA

R.T.: 6.299 min
Delta R.T.: 0.003 min
Response: 1065305199
Conc: 435.82 ng/ml



#4 2,4-DCAA

R.T.: 6.721 min
Delta R.T.: 0.002 min
Response: 1091666559
Conc: 530.02 ng/ml



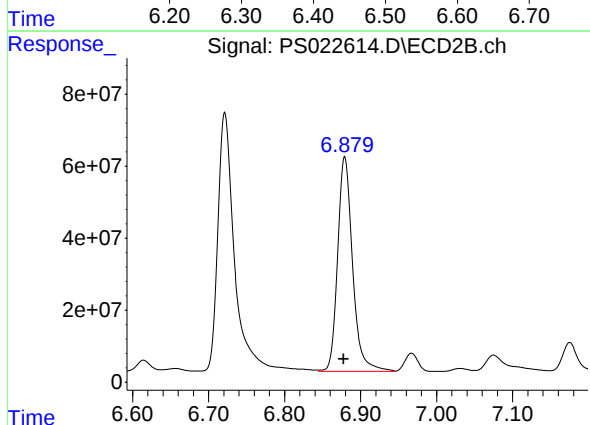
#5 DICAMBA

R.T.: 6.436 min
Delta R.T.: 0.003 min
Response: 805654713
Conc: 78.37 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

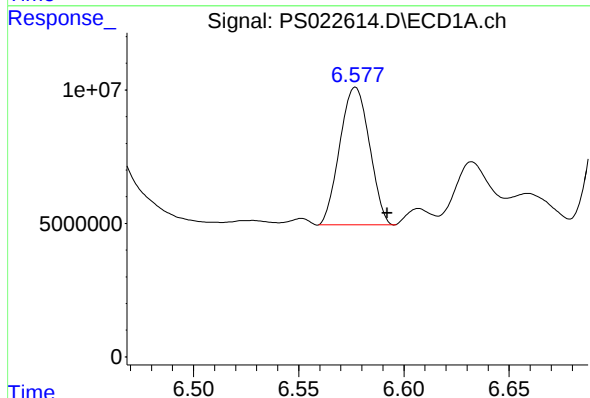
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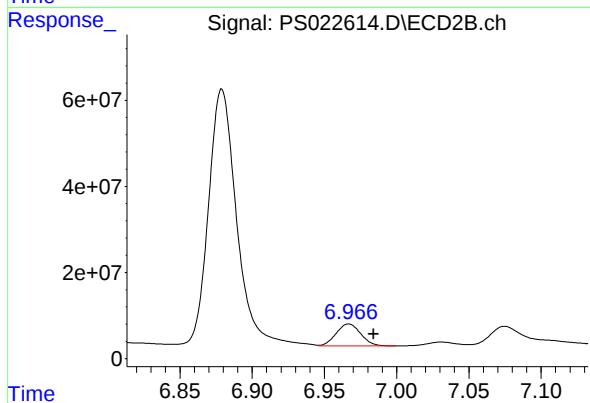
#5 DICAMBA

R.T.: 6.879 min
Delta R.T.: 0.002 min
Response: 808839893
Conc: 81.99 ng/ml



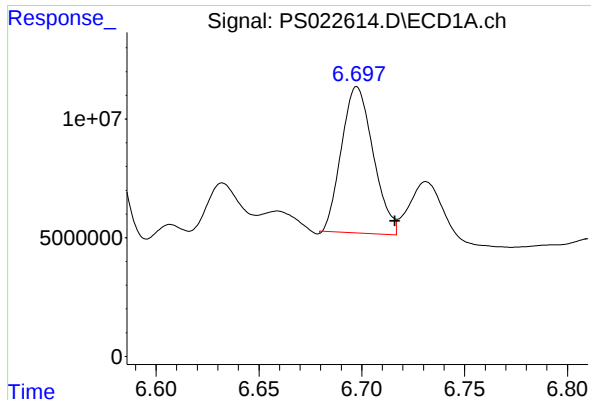
#6 MCPP

R.T.: 6.577 min
Delta R.T.: -0.015 min
Response: 50500111
Conc: 6.64 ug/ml



#6 MCPP

R.T.: 6.967 min
Delta R.T.: -0.017 min
Response: 59850949
Conc: 7.69 ug/ml



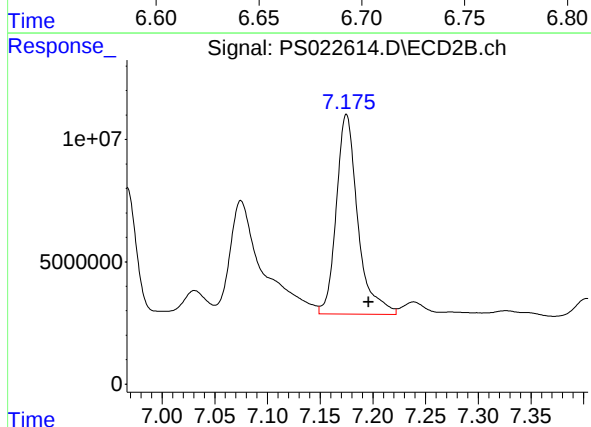
#7 MCPA

R.T.: 6.697 min
Delta R.T.: -0.019 min
Response: 66488852
Conc: 6.37 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

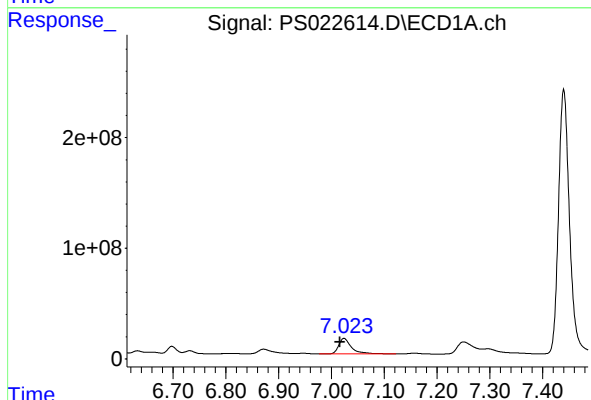
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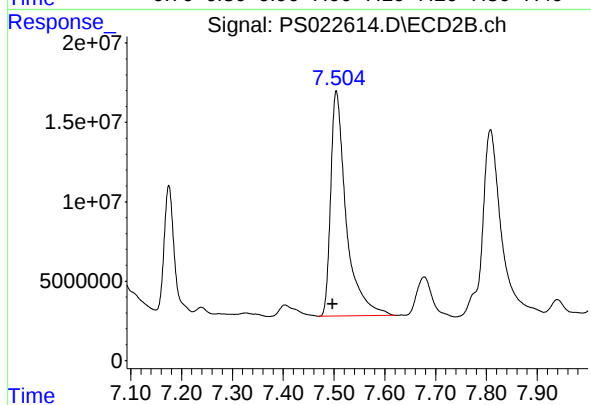
#7 MCPA

R.T.: 7.175 min
Delta R.T.: -0.021 min
Response: 115969616
Conc: 11.04 ug/ml



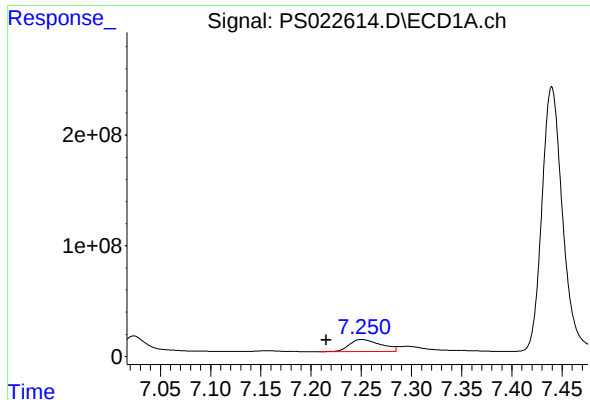
#8 DICHLORPROP

R.T.: 7.024 min
Delta R.T.: 0.008 min
Response: 234071452
Conc: 88.32 ng/ml



#8 DICHLORPROP

R.T.: 7.505 min
Delta R.T.: 0.008 min
Response: 301011520
Conc: 120.89 ng/ml



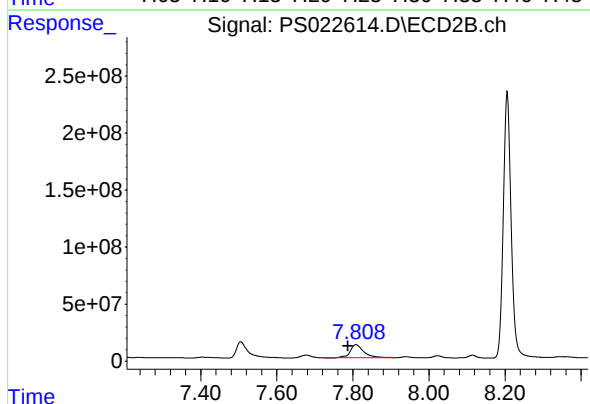
#9 2,4-D

R.T.: 7.251 min
Delta R.T.: 0.035 min
Response: 236292548
Conc: 72.06 ng/ml

Instrument :
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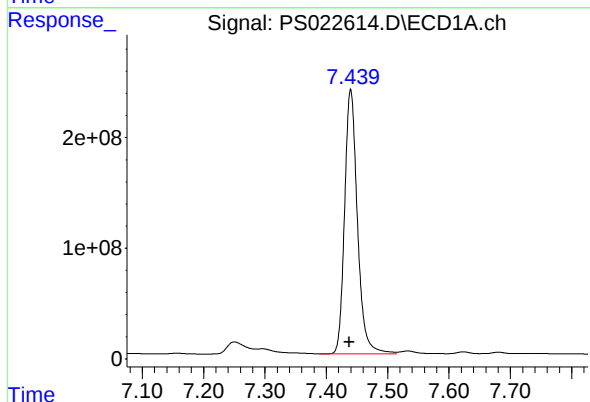
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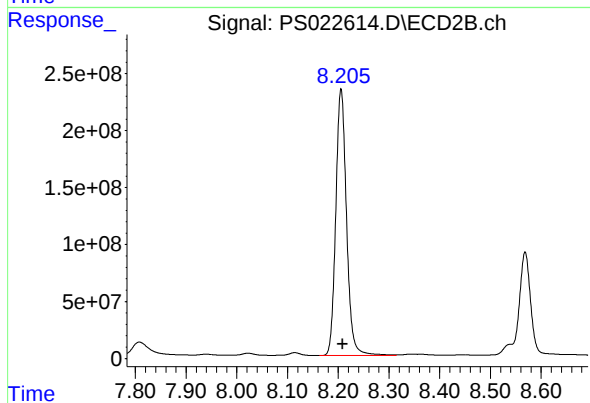
#9 2,4-D

R.T.: 7.808 min
Delta R.T.: 0.021 min
Response: 281487357
Conc: 95.15 ng/ml



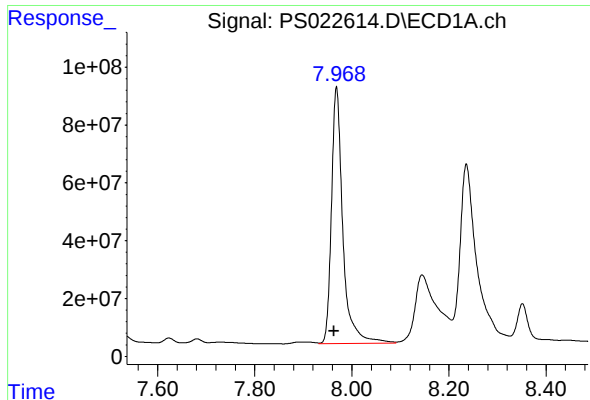
#10 Pentachlorophenol

R.T.: 7.440 min
Delta R.T.: 0.003 min
Response: 3464695698
Conc: 98.47 ng/ml



#10 Pentachlorophenol

R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 3441252766
Conc: 104.84 ng/ml



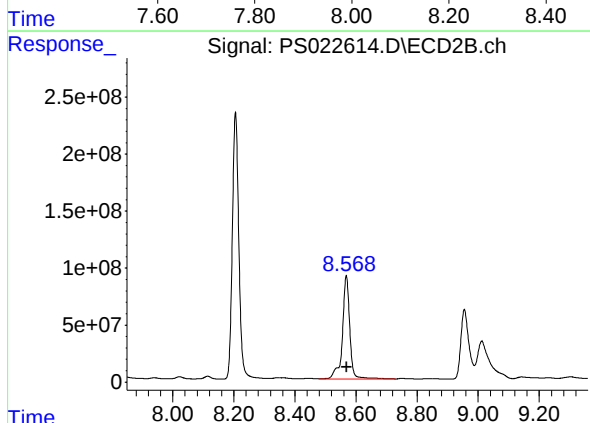
#11 2,4,5-TP (SILVEX)

R.T.: 7.968 min
Delta R.T.: 0.005 min
Response: 1444660661
Conc: 96.65 ng/ml

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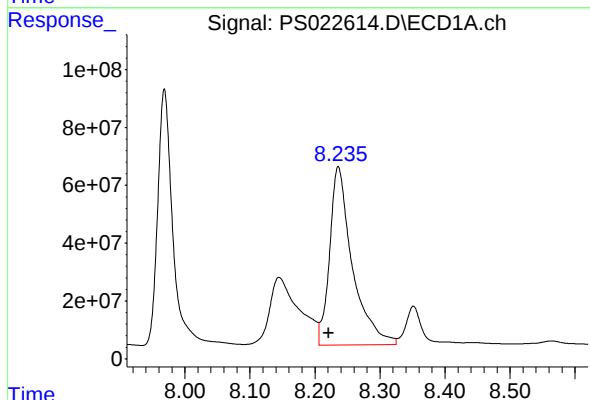
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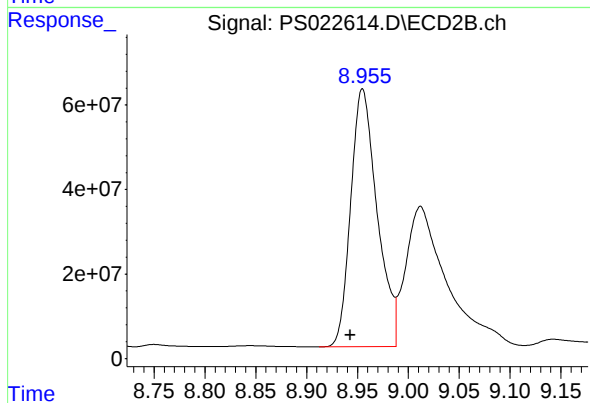
#11 2,4,5-TP (SILVEX)

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 1538571433
Conc: 112.95 ng/ml



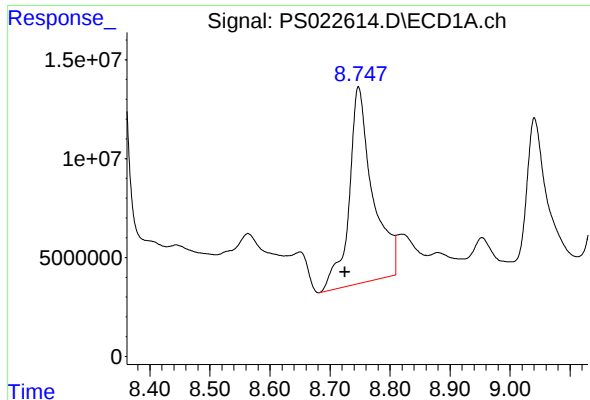
#12 2,4,5-T

R.T.: 8.236 min
Delta R.T.: 0.015 min
Response: 1494425076
Conc: 91.01 ng/ml



#12 2,4,5-T

R.T.: 8.955 min
Delta R.T.: 0.012 min
Response: 1103054949
Conc: 87.68 ng/ml



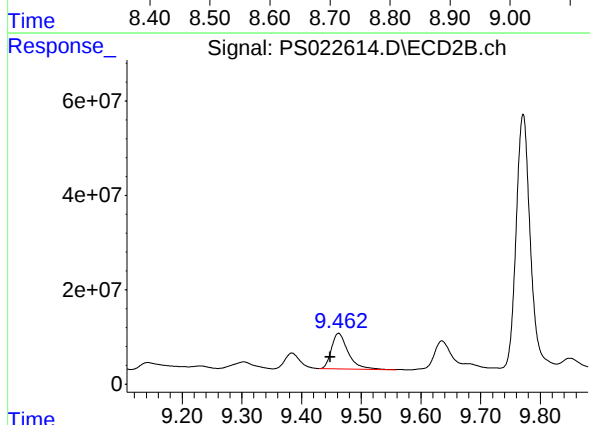
#13 2,4-DB

R.T.: 8.748 min
Delta R.T.: 0.022 min
Response: 270842419
Conc: 89.82 ng/ml

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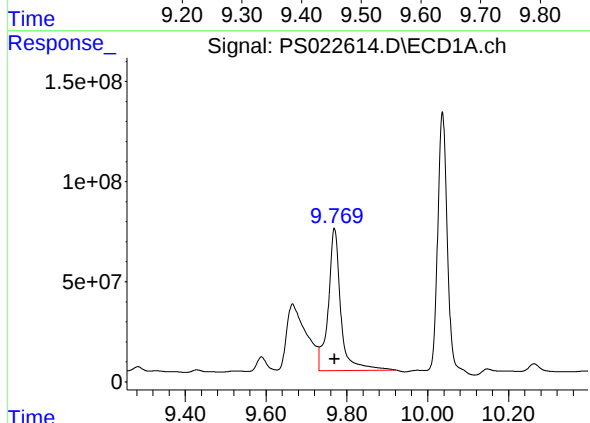
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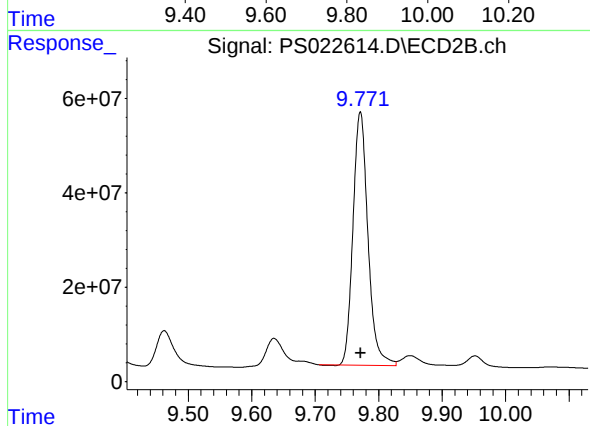
#13 2,4-DB

R.T.: 9.462 min
Delta R.T.: 0.014 min
Response: 145910885
Conc: 86.89 ng/ml



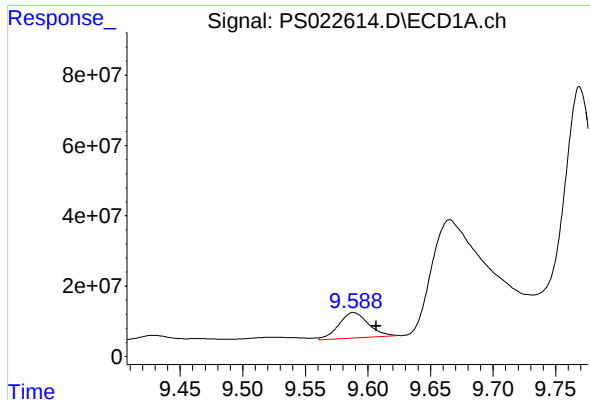
#14 DINOSEB

R.T.: 9.769 min
Delta R.T.: 0.000 min
Response: 1534159114
Conc: 118.38 ng/ml



#14 DINOSEB

R.T.: 9.771 min
Delta R.T.: 0.000 min
Response: 880445988
Conc: 91.80 ng/ml



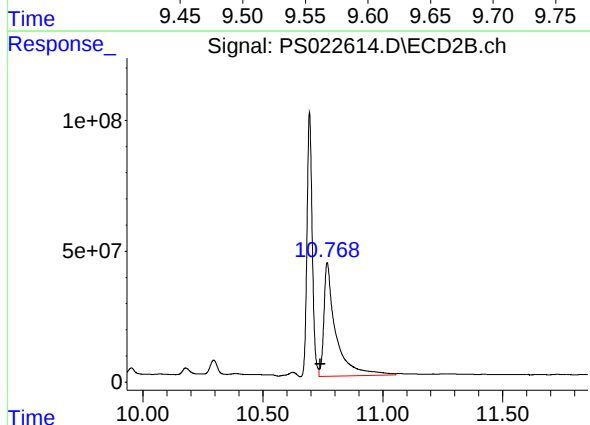
#15 Picloram

R.T.: 9.588 min
Delta R.T.: -0.019 min
Response: 120010442
Conc: 4.83 ng/ml

Instrument :
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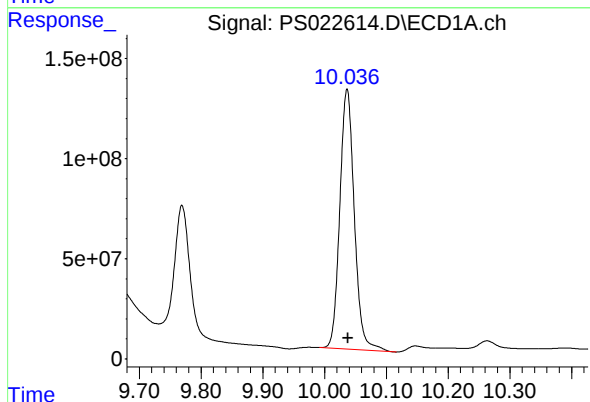
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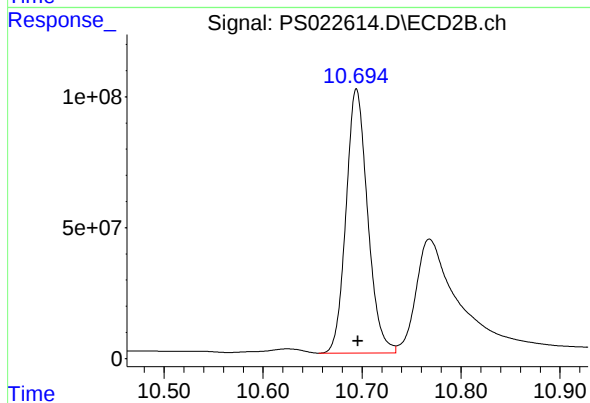
#15 Picloram

R.T.: 10.768 min
Delta R.T.: 0.029 min
Response: 1505818952
Conc: 75.04 ng/ml



#16 DCPA

R.T.: 10.036 min
Delta R.T.: -0.001 min
Response: 2121986908
Conc: 102.88 ng/ml



#16 DCPA

R.T.: 10.694 min
Delta R.T.: -0.002 min
Response: 1531045736
Conc: 96.52 ng/ml