

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS040623\
 Data File : PS022615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 23:12
 Operator : AR\AJ
 Sample : 02213-01
 Misc : LOD SOIL
 ALS Vial : 12 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 08:25:34 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	6.301	6.722	958.8E6	974.3E6	392.240	473.010
Target Compounds							
1) T	Dalapon	2.402	2.451	238.9E6	418.2E6	76.606m	128.148m#
2) T	3,5-DICHL...	5.686	5.929	390.2E6	359.1E6	104.797	112.593
3) T	4-Nitroph...	6.173	6.374	94233572	85242555	68.775m	60.715
5) T	DICAMBA	6.435	6.879	1058.4E6	1048.8E6	102.957	106.313
6) T	MCP	6.577	6.967	68046345	79858672	8.951	10.259
7) T	MCPA	6.697	7.176	93645352	134.4E6	8.972m	12.794 #
8) T	DICHLORPROP	7.023	7.504	296.7E6	347.2E6	111.939	139.427
9) T	2,4-D	7.248	7.805	326.6E6	376.7E6	99.594m	127.345 #
10) T	Pentachlo...	7.440	8.205	4518.1E6	4486.1E6	128.409	136.670
11) T	2,4,5-TP ...	7.968	8.569	1855.5E6	1915.7E6	124.137	140.636
12) T	2,4,5-T	8.235	8.954	1935.8E6	1456.9E6	117.886	115.816
13) T	2,4-DB	8.746	9.460	317.1E6	192.7E6	105.164	114.762
14) T	DINOSEB	9.769	9.771	1893.0E6	1130.4E6	146.065	117.862
15) T	Picloram	9.588	10.766	161.0E6	1945.5E6	6.484	96.951 #
16) T	DCPA	10.036	10.695	2742.0E6	1996.8E6	132.936	125.885

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

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Misc : LOD SOIL
ALS Vial : 12 Sample Multiplier: 1

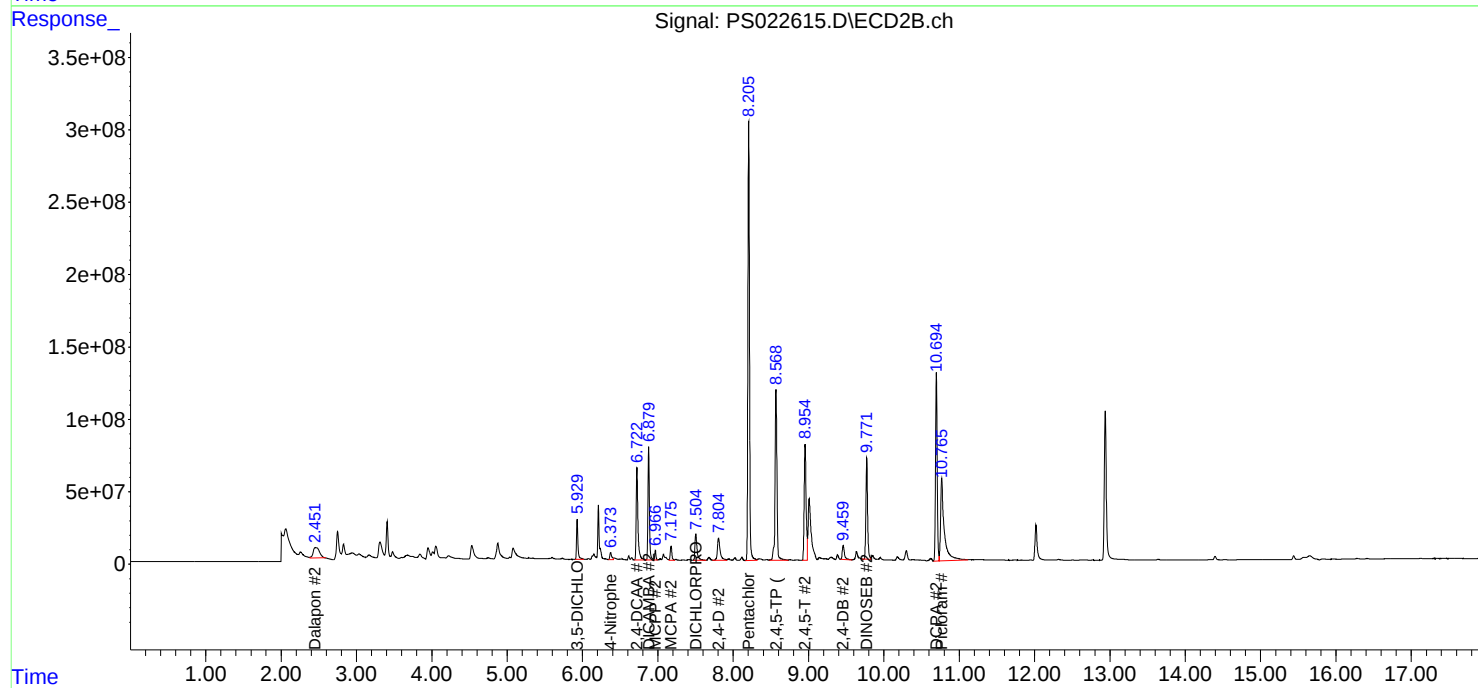
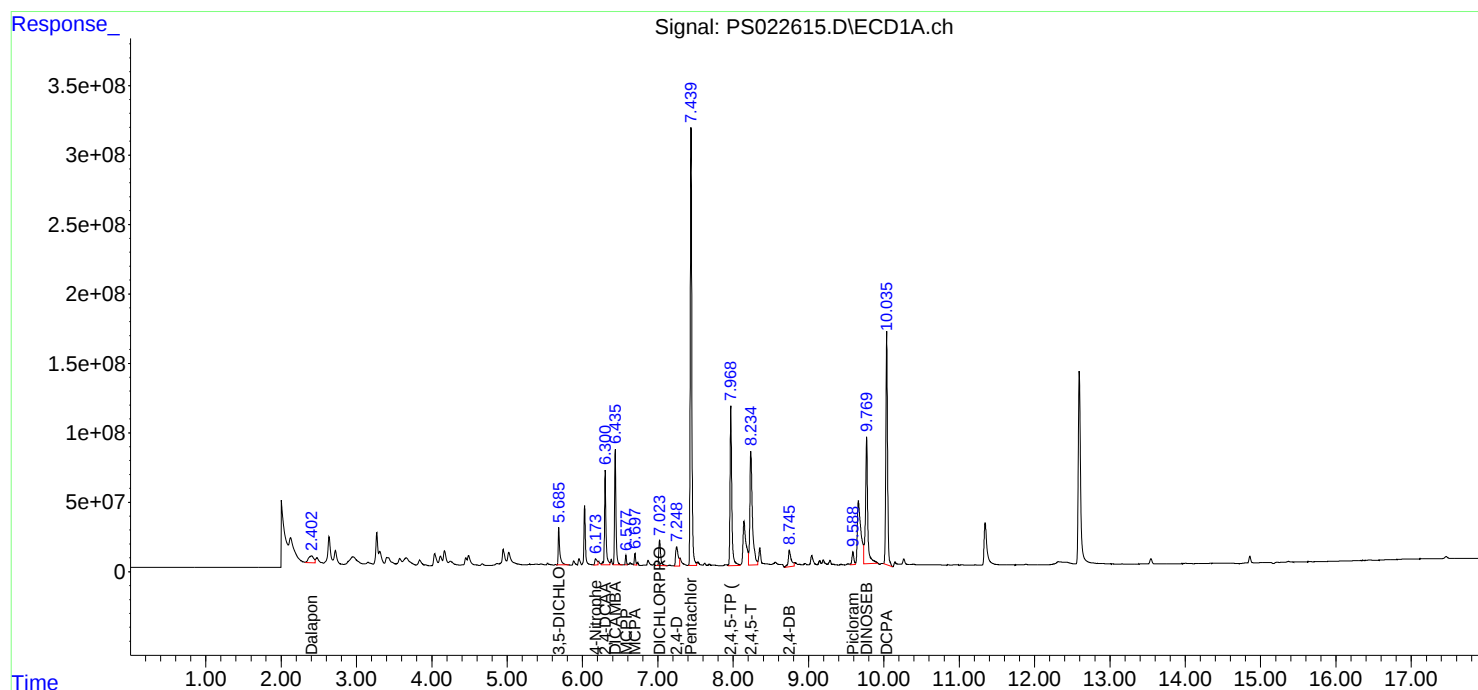
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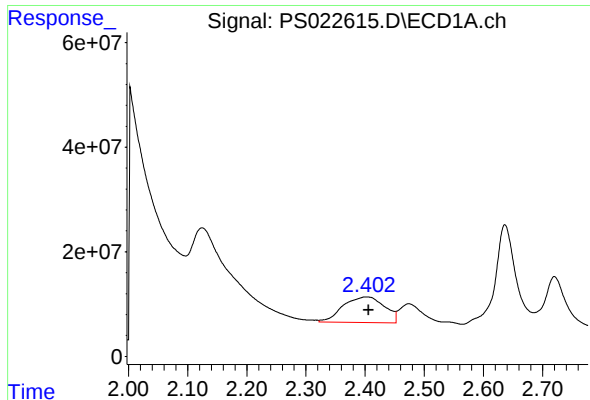
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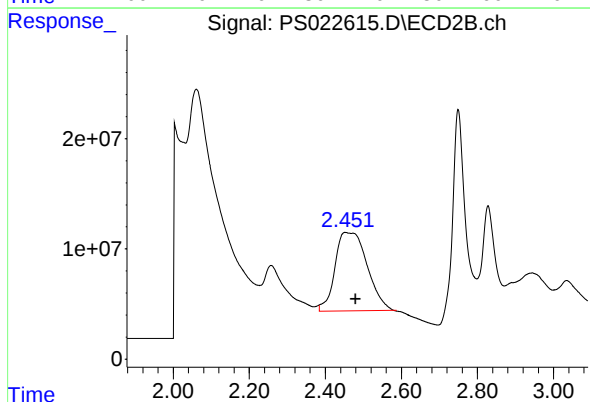
#1 Dalapon

R.T.: 2.402 min
Delta R.T.: -0.004 min
Response: 238902535
Conc: 76.61 ng/ml

Instrument :
ECD_S
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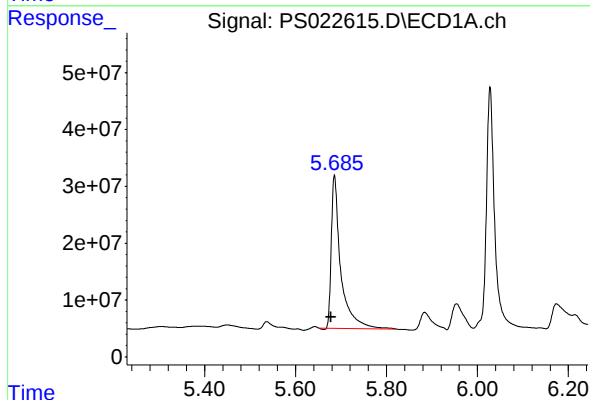
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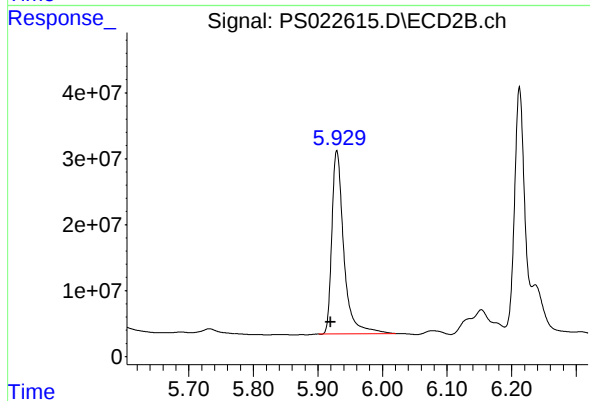
#1 Dalapon

R.T.: 2.451 min
Delta R.T.: -0.028 min
Response: 418212384
Conc: 128.15 ng/ml



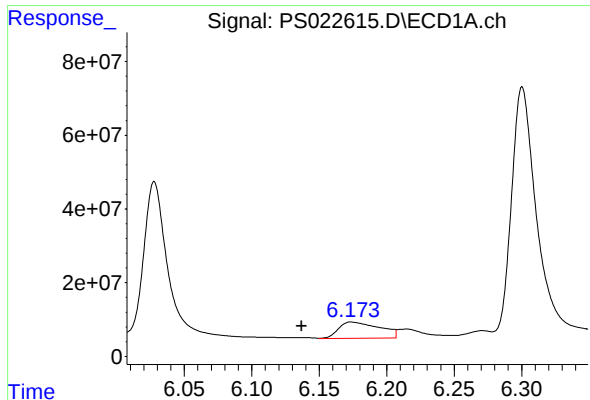
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.686 min
Delta R.T.: 0.008 min
Response: 390193914
Conc: 104.80 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.929 min
Delta R.T.: 0.010 min
Response: 359054289
Conc: 112.59 ng/ml



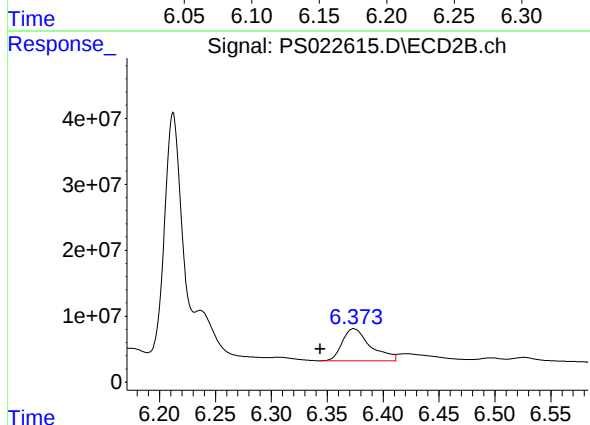
#3 4-Nitrophenol

R.T.: 6.173 min
Delta R.T.: 0.036 min
Response: 94233572
Conc: 68.77 ng/ml

Instrument :
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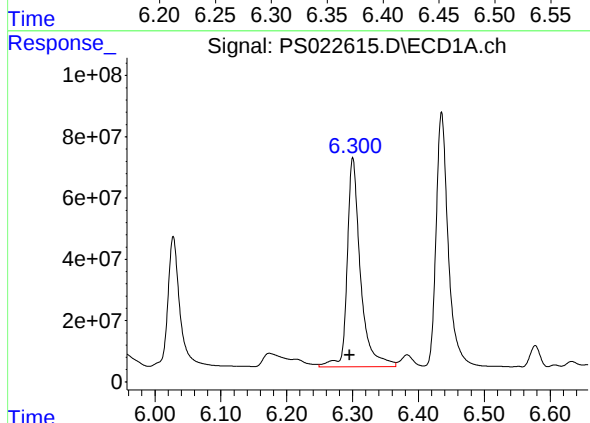
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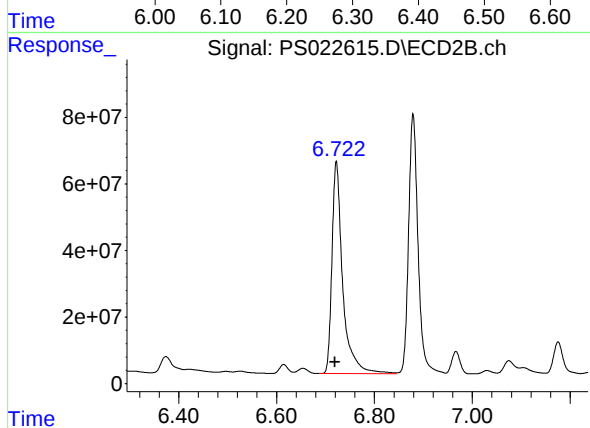
#3 4-Nitrophenol

R.T.: 6.374 min
Delta R.T.: 0.030 min
Response: 85242555
Conc: 60.71 ng/ml



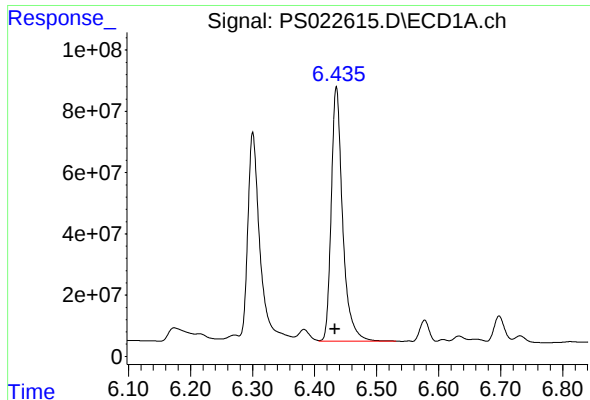
#4 2,4-DCAA

R.T.: 6.301 min
Delta R.T.: 0.005 min
Response: 958783623
Conc: 392.24 ng/ml



#4 2,4-DCAA

R.T.: 6.722 min
Delta R.T.: 0.003 min
Response: 974252280
Conc: 473.01 ng/ml



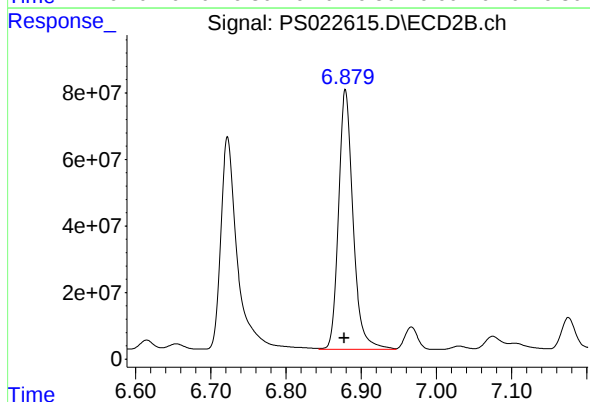
#5 DICAMBA

R.T.: 6.435 min
Delta R.T.: 0.002 min
Response: 1058425137
Conc: 102.96 ng/ml

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

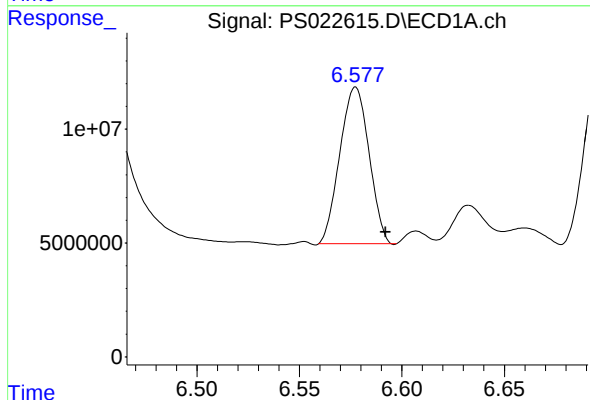
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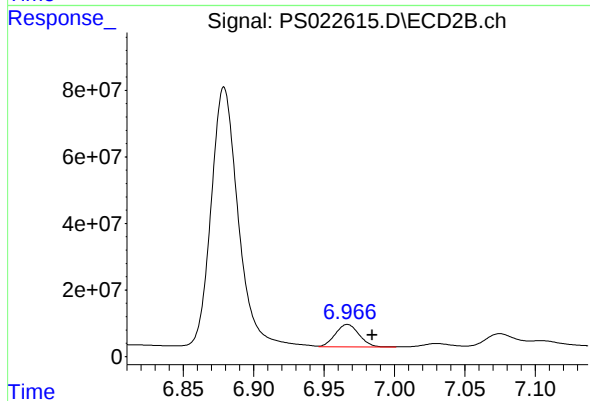
#5 DICAMBA

R.T.: 6.879 min
Delta R.T.: 0.002 min
Response: 1048771120
Conc: 106.31 ng/ml



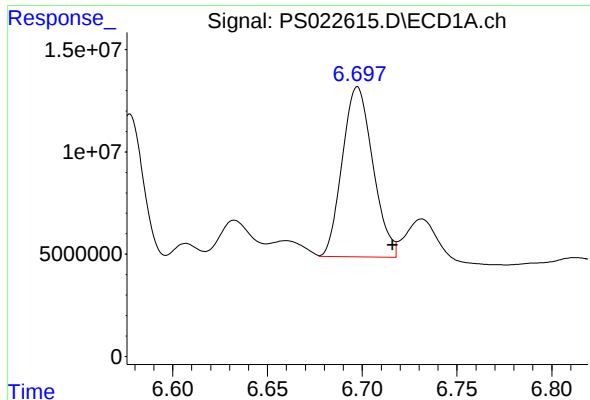
#6 MCPP

R.T.: 6.577 min
Delta R.T.: -0.015 min
Response: 68046345
Conc: 8.95 ug/ml



#6 MCPP

R.T.: 6.967 min
Delta R.T.: -0.018 min
Response: 79858672
Conc: 10.26 ug/ml



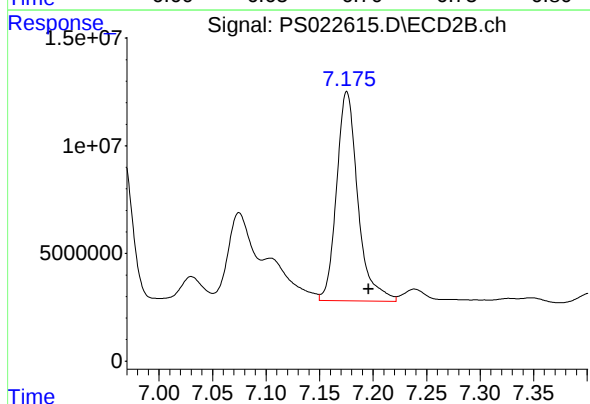
#7 MCPA

R.T.: 6.697 min
Delta R.T.: -0.019 min
Response: 93645352
Conc: 8.97 ug/ml

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

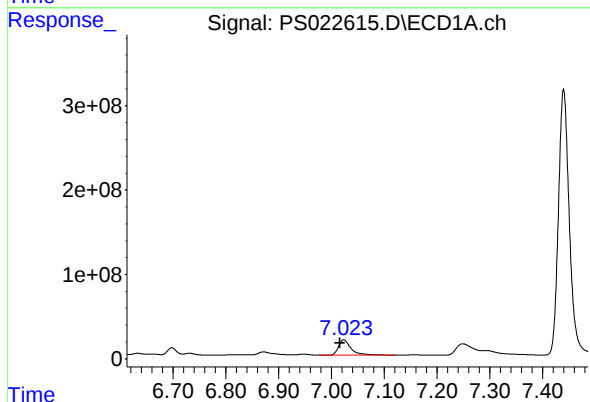
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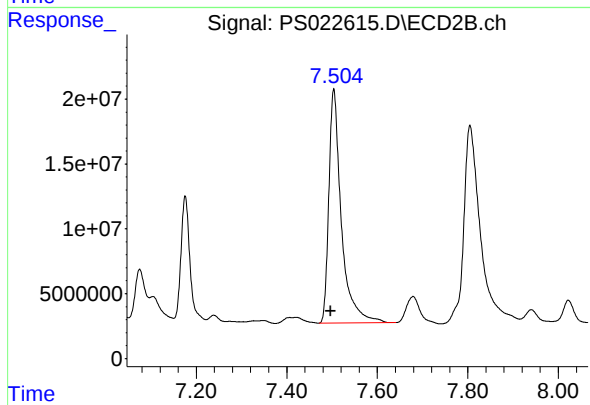
#7 MCPA

R.T.: 7.176 min
Delta R.T.: -0.020 min
Response: 134415647
Conc: 12.79 ug/ml



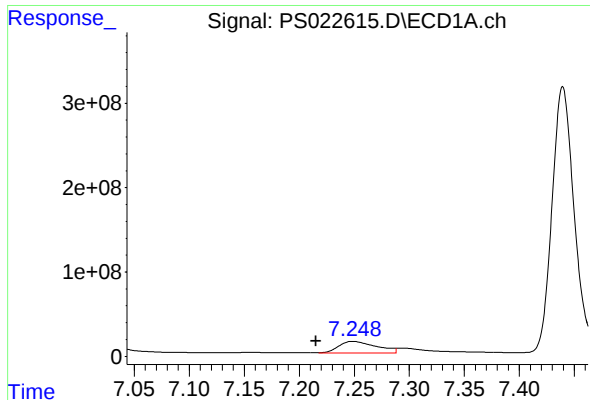
#8 DICHLORPROP

R.T.: 7.023 min
Delta R.T.: 0.008 min
Response: 296671128
Conc: 111.94 ng/ml



#8 DICHLORPROP

R.T.: 7.504 min
Delta R.T.: 0.007 min
Response: 347176069
Conc: 139.43 ng/ml



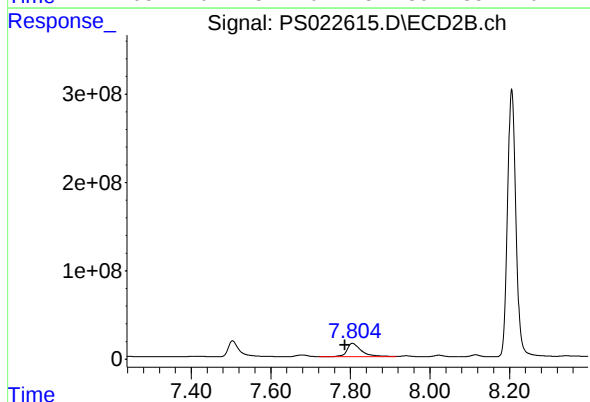
#9 2,4-D

R.T.: 7.248 min
Delta R.T.: 0.033 min
Response: 326570506
Conc: 99.59 ng/ml

Instrument :
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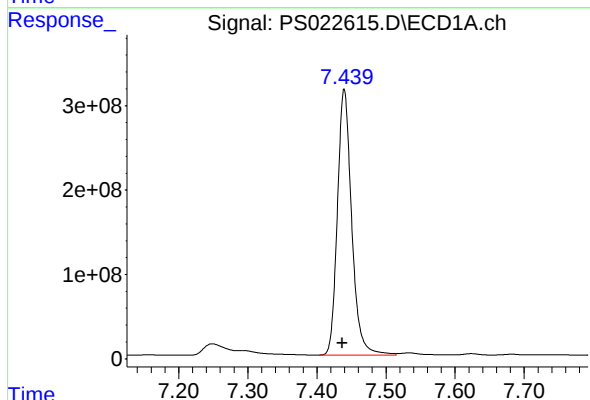
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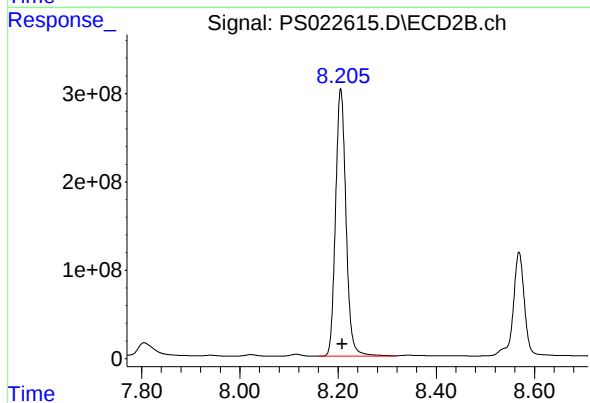
#9 2,4-D

R.T.: 7.805 min
Delta R.T.: 0.019 min
Response: 376748791
Conc: 127.35 ng/ml



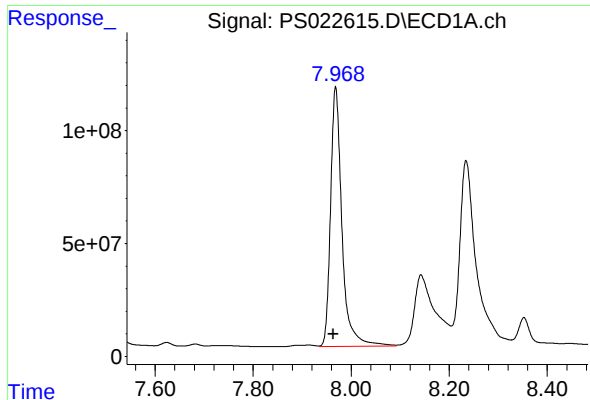
#10 Pentachlorophenol

R.T.: 7.440 min
Delta R.T.: 0.003 min
Response: 4518108514
Conc: 128.41 ng/ml



#10 Pentachlorophenol

R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 4486096882
Conc: 136.67 ng/ml



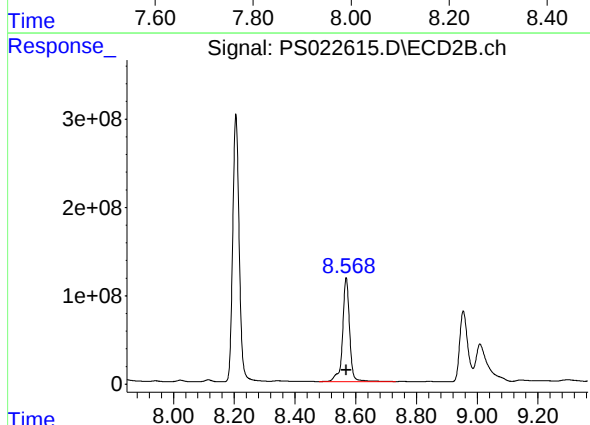
#11 2,4,5-TP (SILVEX)

R.T.: 7.968 min
Delta R.T.: 0.005 min
Response: 1855540806
Conc: 124.14 ng/ml

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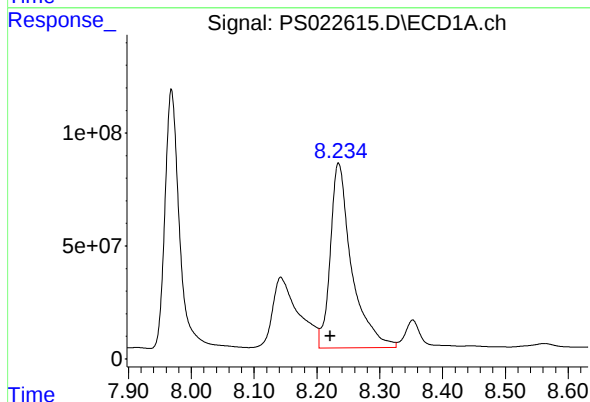
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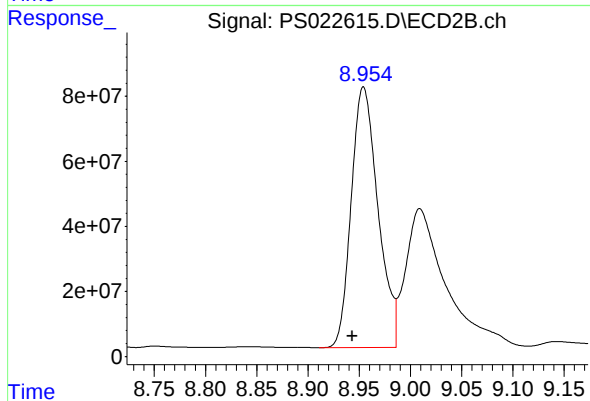
#11 2,4,5-TP (SILVEX)

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 1915725935
Conc: 140.64 ng/ml



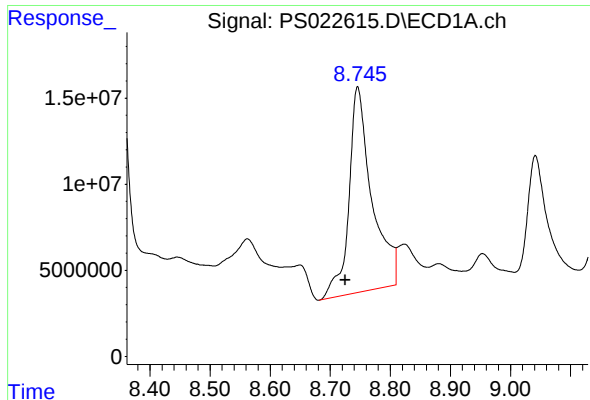
#12 2,4,5-T

R.T.: 8.235 min
Delta R.T.: 0.014 min
Response: 1935834735
Conc: 117.89 ng/ml



#12 2,4,5-T

R.T.: 8.954 min
Delta R.T.: 0.011 min
Response: 1456939663
Conc: 115.82 ng/ml



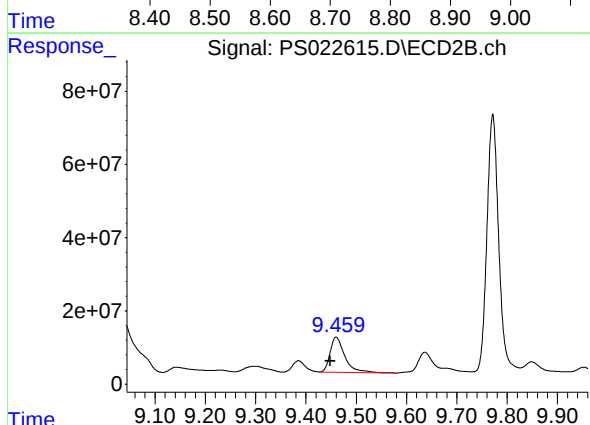
#13 2,4-DB

R.T.: 8.746 min
Delta R.T.: 0.021 min
Response: 317100579
Conc: 105.16 ng/ml

Instrument :
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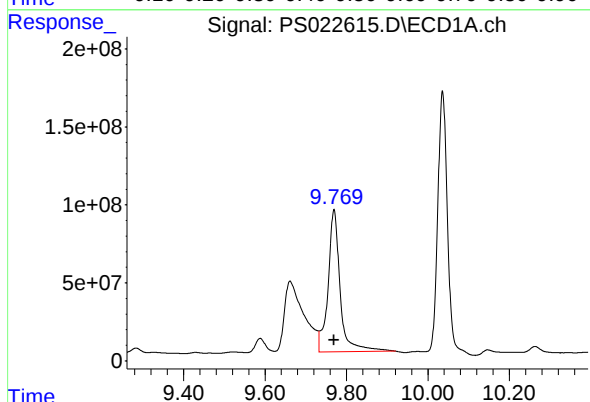
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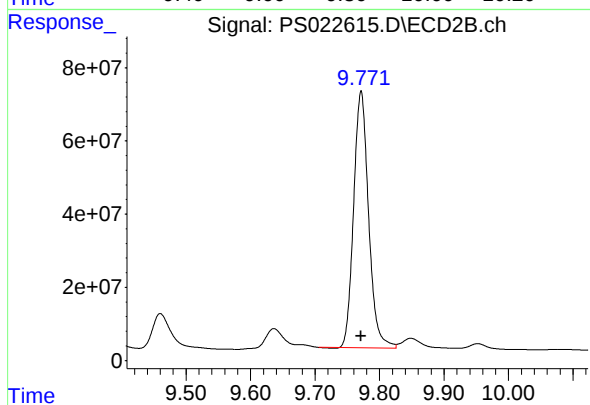
#13 2,4-DB

R.T.: 9.460 min
Delta R.T.: 0.012 min
Response: 192719210
Conc: 114.76 ng/ml



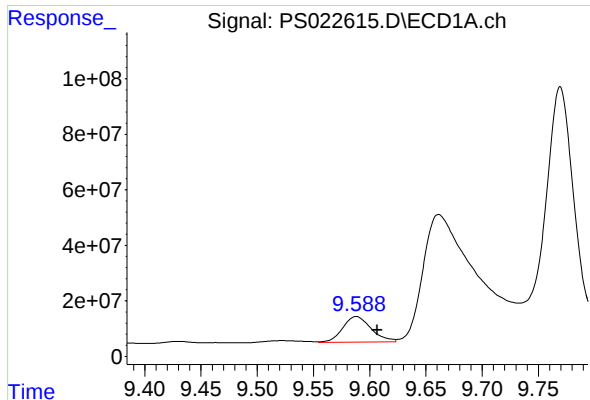
#14 DINOSEB

R.T.: 9.769 min
Delta R.T.: 0.000 min
Response: 1892968846
Conc: 146.07 ng/ml



#14 DINOSEB

R.T.: 9.771 min
Delta R.T.: 0.000 min
Response: 1130437975
Conc: 117.86 ng/ml



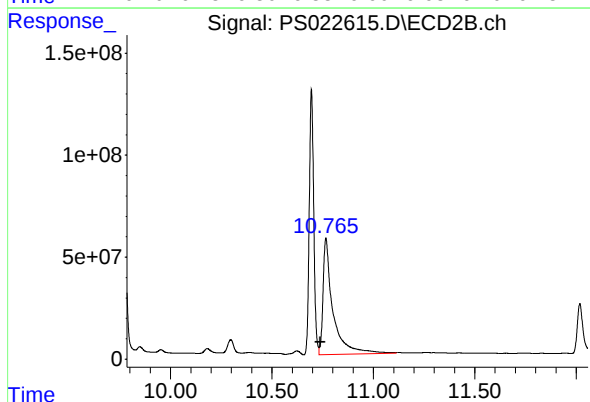
#15 Picloram

R.T.: 9.588 min
Delta R.T.: -0.018 min
Response: 160953344
Conc: 6.48 ng/ml

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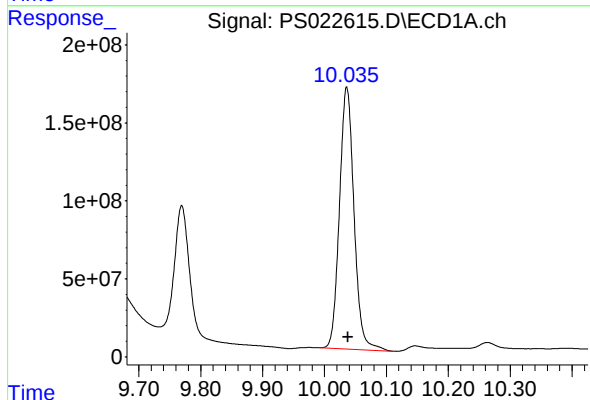
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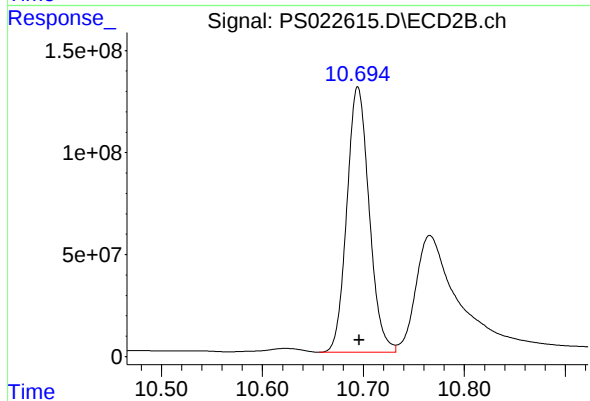
#15 Picloram

R.T.: 10.766 min
Delta R.T.: 0.027 min
Response: 1945509641
Conc: 96.95 ng/ml



#16 DCPA

R.T.: 10.036 min
Delta R.T.: -0.002 min
Response: 2741984006
Conc: 132.94 ng/ml



#16 DCPA

R.T.: 10.695 min
Delta R.T.: -0.002 min
Response: 1996820914
Conc: 125.88 ng/ml