

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080923\
 Data File : PS023996.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 09:14
 Operator : AR\AJ
 Sample : 03572-01
 Misc : MDL SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:51:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS080823.M
 Quant Title : 8080.M
 QLast Update : Tue Aug 08 13:26:17 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	6.367	6.798	847.3E6	278.6E6	427.794	414.237m
Target Compounds							
1) T	Dalapon	2.475	2.546	202.4E6	90674437	92.231m	82.925m
2) T	3,5-DICHL...	5.741	5.980	292.9E6	88083447	96.632	84.065
3) T	4-Nitroph...	6.205	6.410	86772548	27724624	78.398m	70.047m
5) T	DICAMBA	6.510	6.961	738.1E6	221.7E6	83.901	75.597
6) T	MCPD	6.658	7.055	33829773	13021306	5.424	6.731
7) T	MCPA	6.780	7.262	54512580	37218854	6.490	12.722 #
8) T	DICHLORPROP	7.099	7.579	209.5E6	69896598	93.105	95.605
9) T	2,4-D	7.297	7.863	231.5E6	74950231	93.408	87.984m
10) T	Pentachlo...	7.526	8.289	3050.0E6	919.6E6	97.294	85.587
11) T	2,4,5-TP ...	8.048	8.648	1189.2E6	328.5E6	90.937	79.909
12) T	2,4,5-T	8.303	9.019	972.4E6	297.6E6	86.795m	78.743
13) T	2,4-DB	8.810	9.524	190.6E6	41766955	107.109	91.628
14) T	DINOSEB	9.864	9.852	817.8E6	257.2E6	88.223	85.772
15) T	Picloram	9.689	10.807	1045.3E6	346.1E6	80.843	69.464
16) T	DCPA	10.129	10.775	1625.0E6	431.2E6	103.290	83.869

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

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ALS Vial : 5 Sample Multiplier: 1

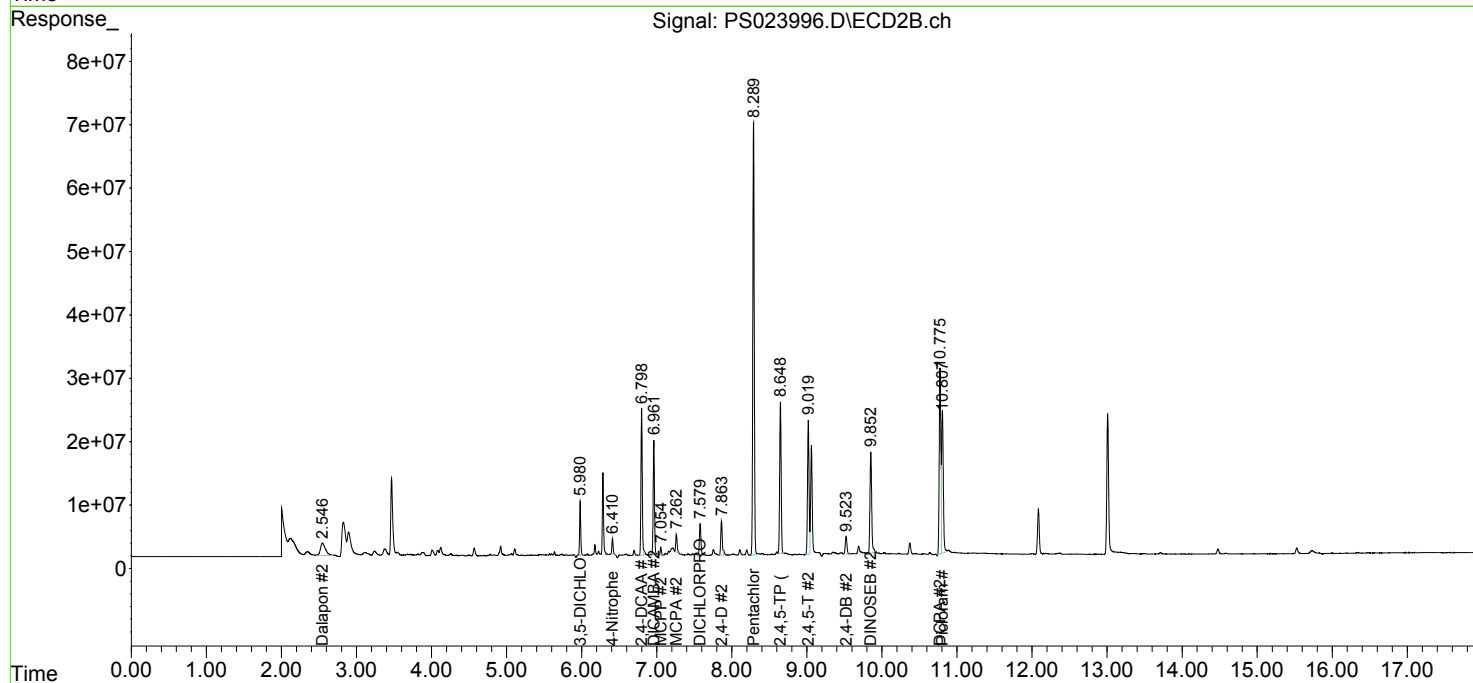
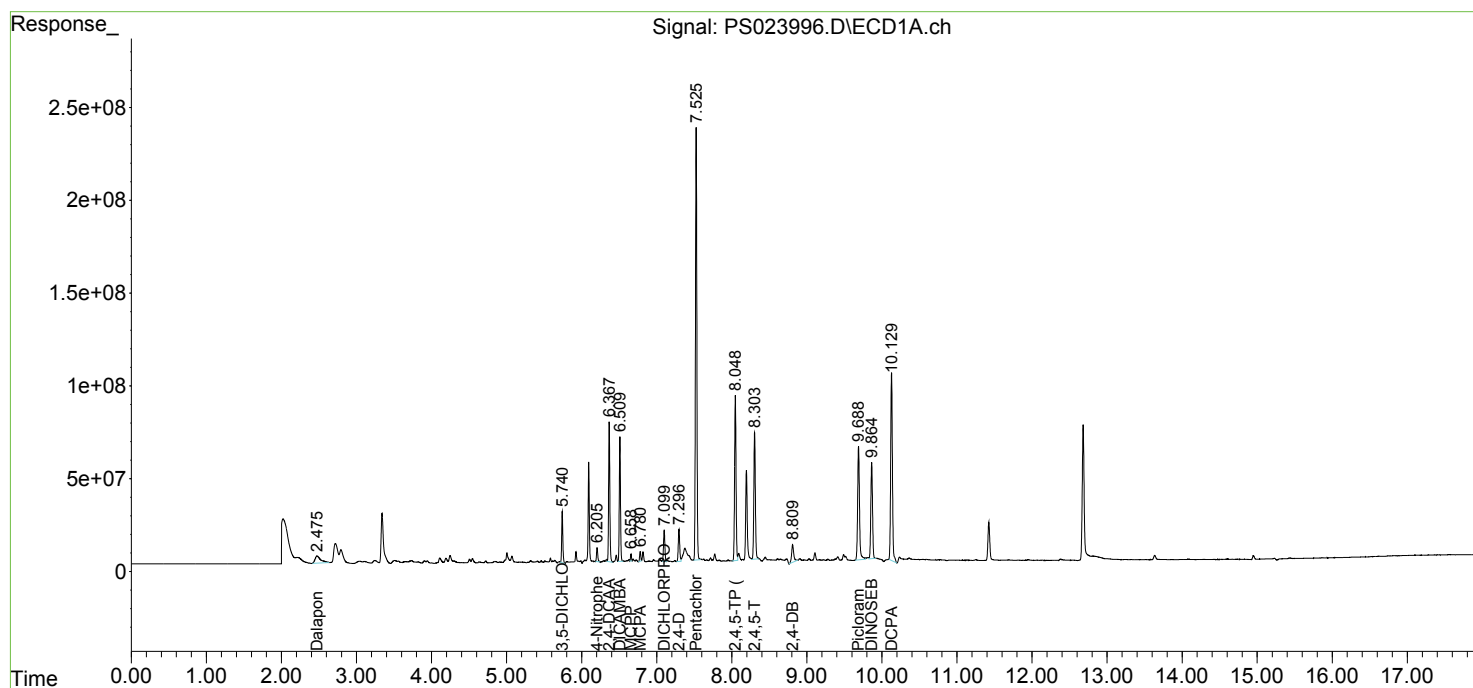
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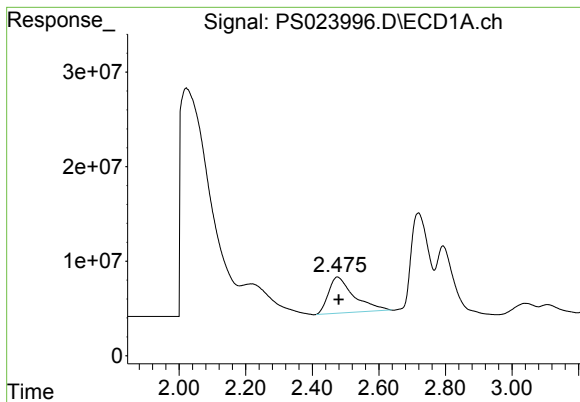
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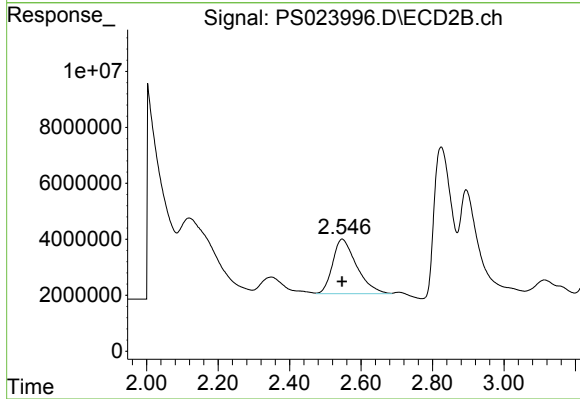
#1 Dalapon

R.T.: 2.475 min
Delta R.T.: -0.005 min
Response: 202376773
Conc: 92.23 ng/ml

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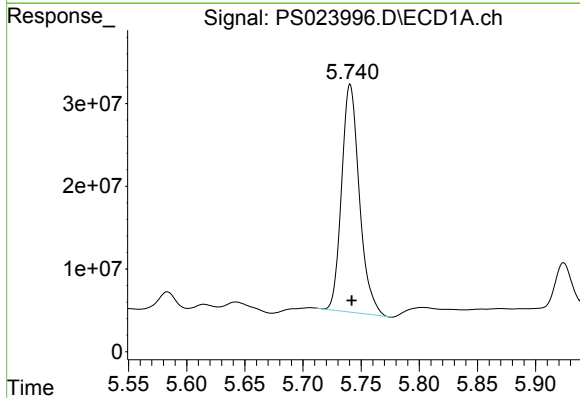
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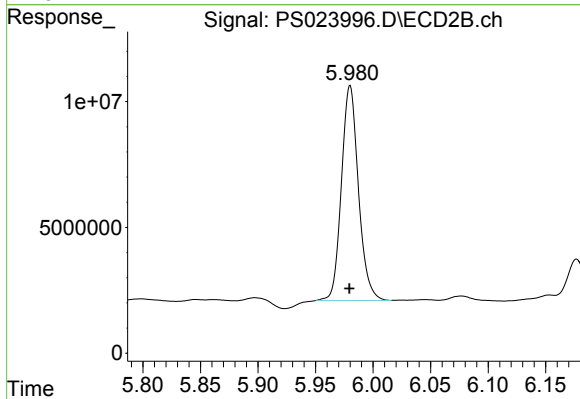
#1 Dalapon

R.T.: 2.546 min
Delta R.T.: -0.001 min
Response: 90674437
Conc: 82.92 ng/ml m



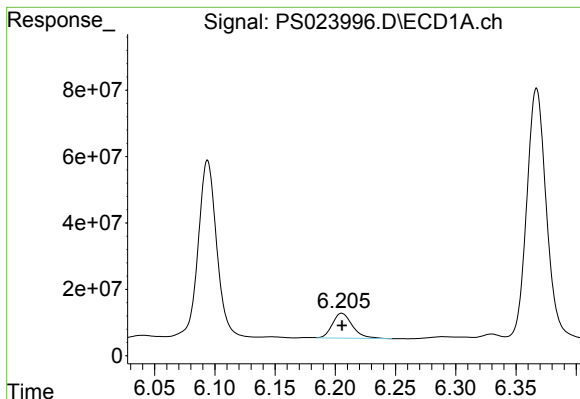
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 292910191
Conc: 96.63 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 88083447
Conc: 84.07 ng/ml



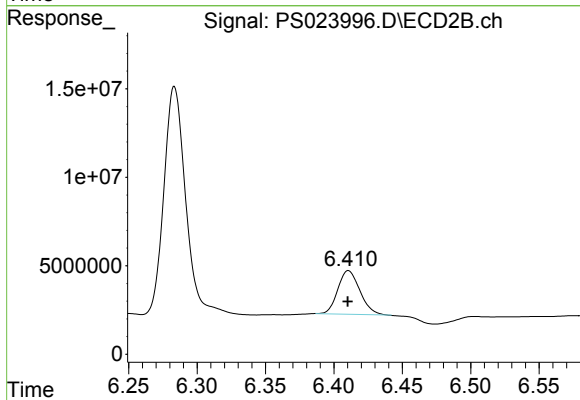
#3 4-Nitrophenol

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 86772548
Conc: 78.40 ng/ml

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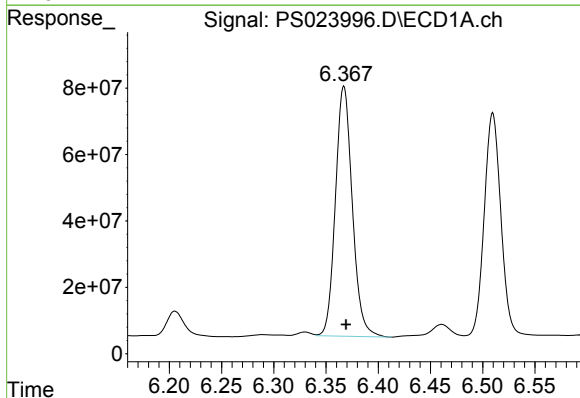
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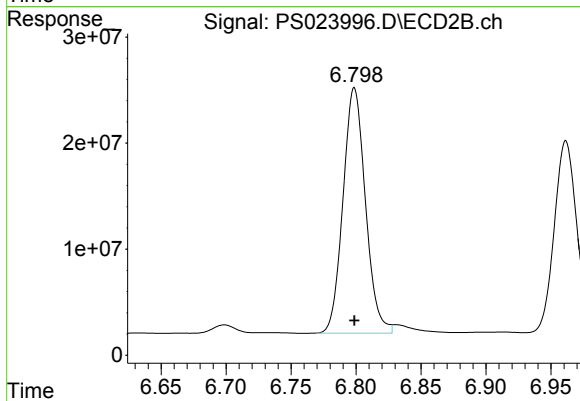
#3 4-Nitrophenol

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 27724624
Conc: 70.05 ng/ml m



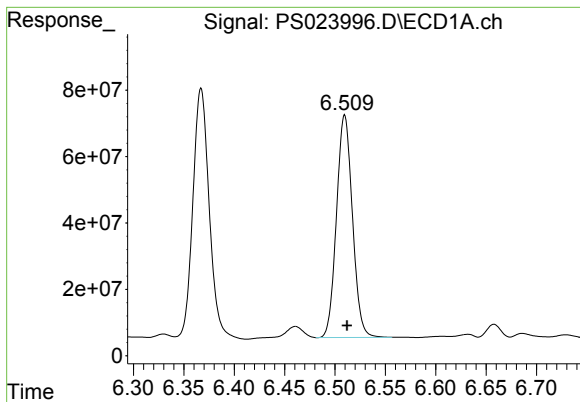
#4 2,4-DCAA

R.T.: 6.367 min
Delta R.T.: -0.002 min
Response: 847272843
Conc: 427.79 ng/ml



#4 2,4-DCAA

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 278627181
Conc: 414.24 ng/ml m



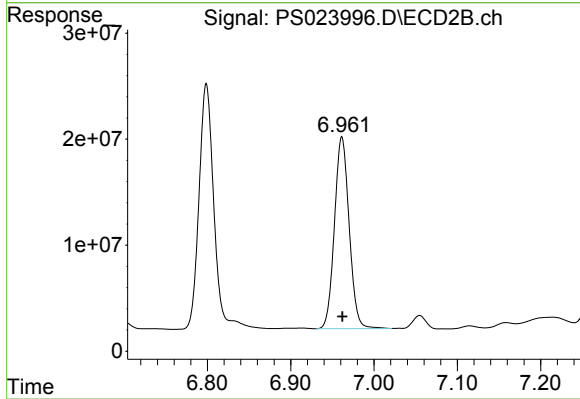
#5 DICAMBA

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 738065084
Conc: 83.90 ng/ml

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

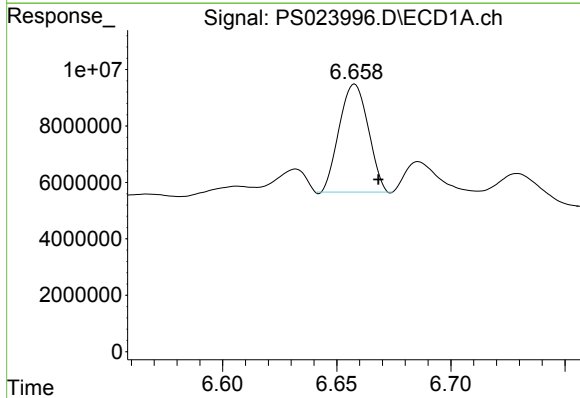
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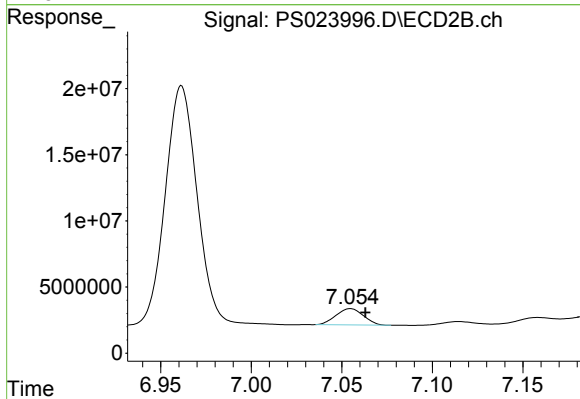
#5 DICAMBA

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 221710412
Conc: 75.60 ng/ml



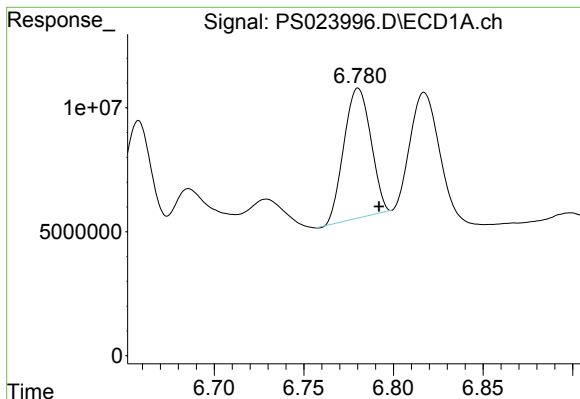
#6 MCP

R.T.: 6.658 min
Delta R.T.: -0.010 min
Response: 33829773
Conc: 5.42 ug/ml



#6 MCP

R.T.: 7.055 min
Delta R.T.: -0.008 min
Response: 13021306
Conc: 6.73 ug/ml



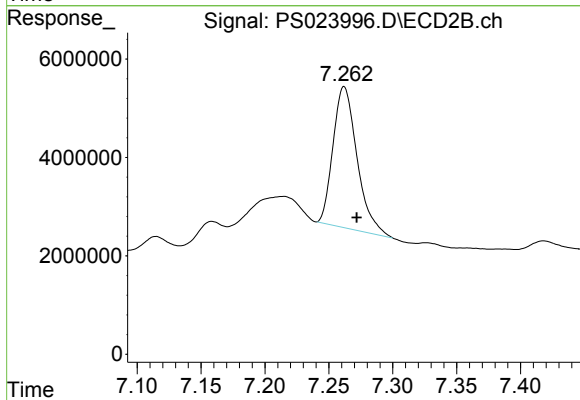
#7 MCPA

R.T.: 6.780 min
Delta R.T.: -0.012 min
Response: 54512580
Conc: 6.49 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2023

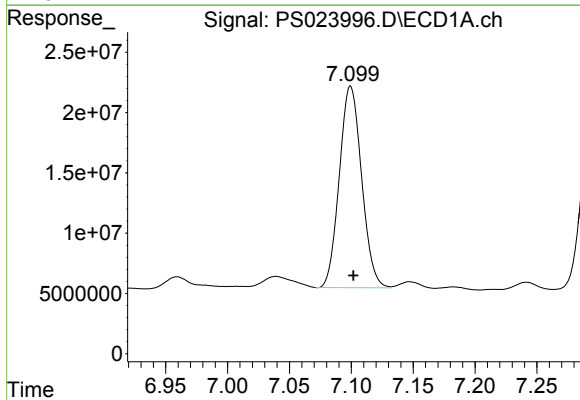
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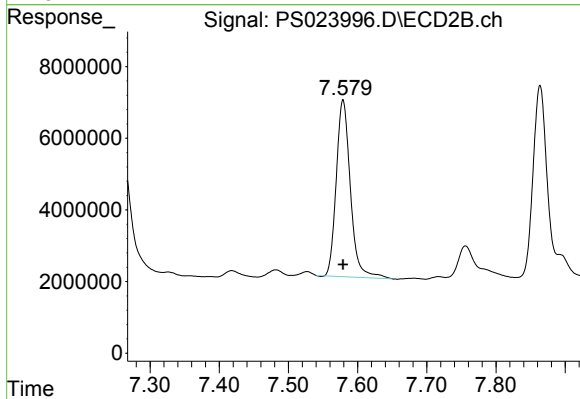
#7 MCPA

R.T.: 7.262 min
Delta R.T.: -0.010 min
Response: 37218854
Conc: 12.72 ug/ml



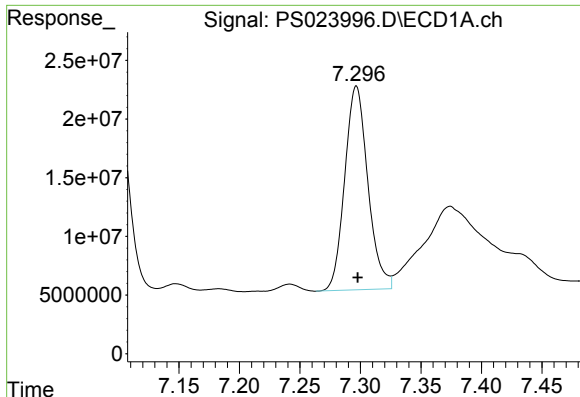
#8 DICHLORPROP

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 209498838
Conc: 93.10 ng/ml



#8 DICHLORPROP

R.T.: 7.579 min
Delta R.T.: 0.000 min
Response: 69896598
Conc: 95.60 ng/ml



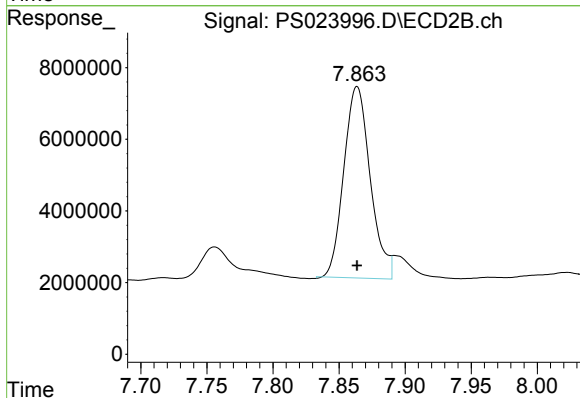
#9 2,4-D

R.T.: 7.297 min
Delta R.T.: -0.001 min
Response: 231469878
Conc: 93.41 ng/ml

Instrument :
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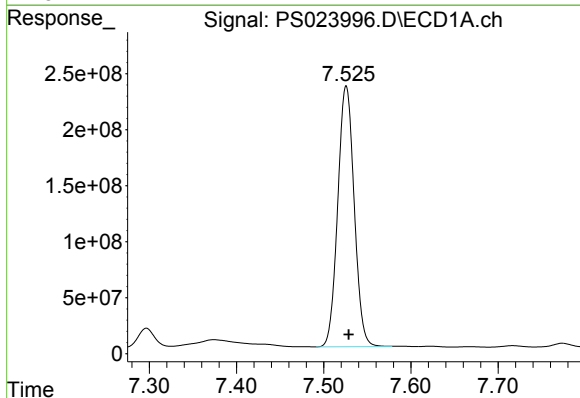
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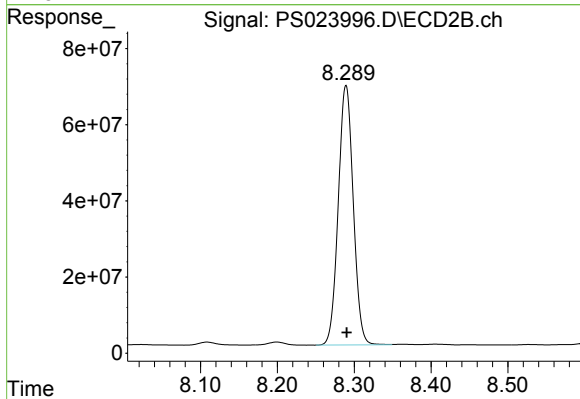
#9 2,4-D

R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 74950231
Conc: 87.98 ng/ml m



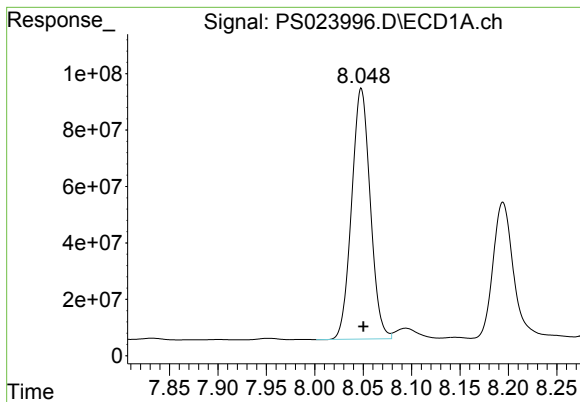
#10 Pentachlorophenol

R.T.: 7.526 min
Delta R.T.: -0.003 min
Response: 3049988215
Conc: 97.29 ng/ml



#10 Pentachlorophenol

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 919619334
Conc: 85.59 ng/ml



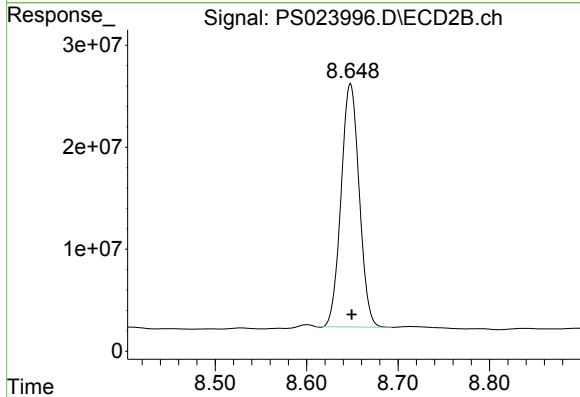
#11 2,4,5-TP (SILVEX)

R.T.: 8.048 min
Delta R.T.: -0.002 min
Response: 1189215886
Conc: 90.94 ng/ml

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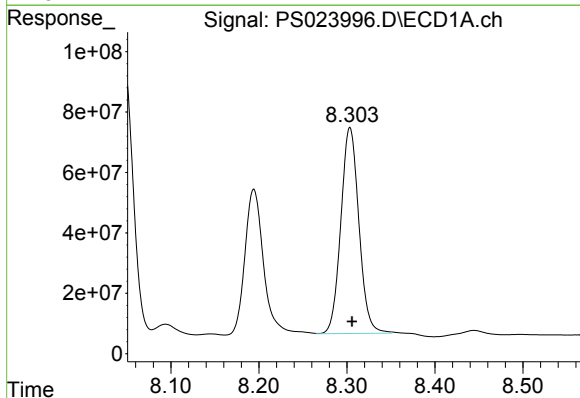
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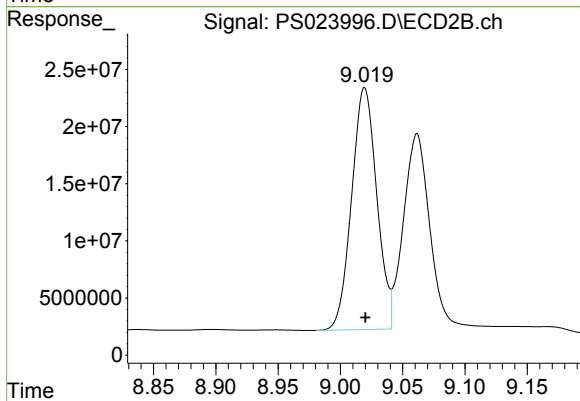
#11 2,4,5-TP (SILVEX)

R.T.: 8.648 min
Delta R.T.: -0.001 min
Response: 328546266
Conc: 79.91 ng/ml



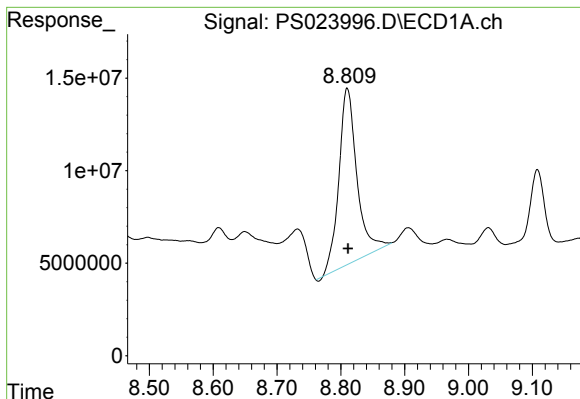
#12 2,4,5-T

R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 972449472
Conc: 86.79 ng/ml m



#12 2,4,5-T

R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 297559165
Conc: 78.74 ng/ml



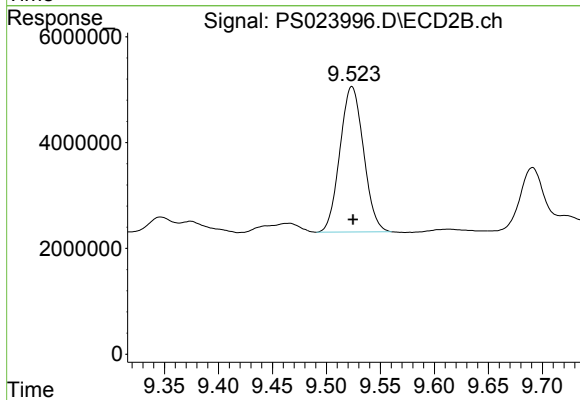
#13 2,4-DB

R.T.: 8.810 min
Delta R.T.: 0.000 min
Response: 190611370
Conc: 107.11 ng/ml

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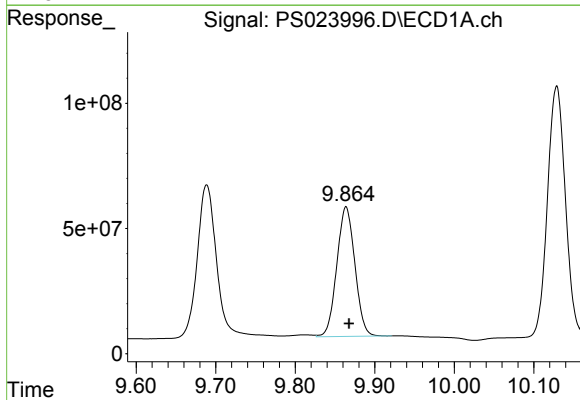
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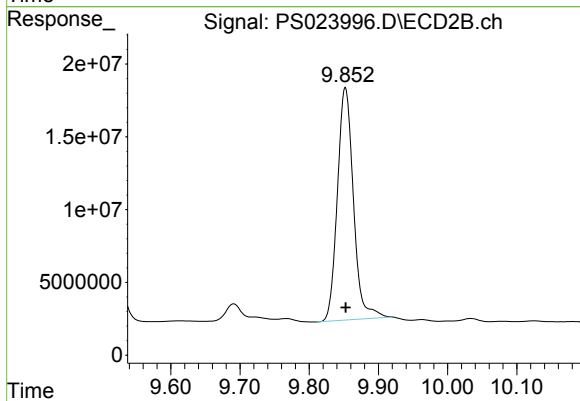
#13 2,4-DB

R.T.: 9.524 min
Delta R.T.: 0.000 min
Response: 41766955
Conc: 91.63 ng/ml



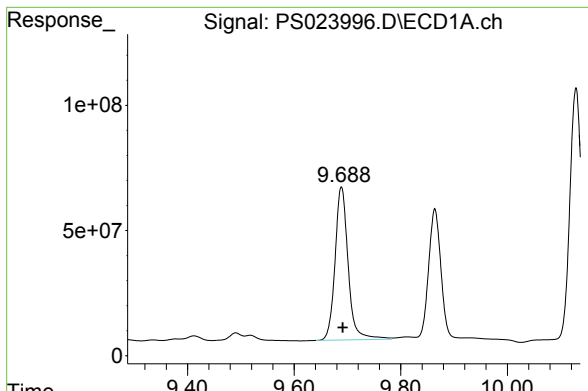
#14 DINOSEB

R.T.: 9.864 min
Delta R.T.: -0.004 min
Response: 817801108
Conc: 88.22 ng/ml



#14 DINOSEB

R.T.: 9.852 min
Delta R.T.: 0.000 min
Response: 257233942
Conc: 85.77 ng/ml



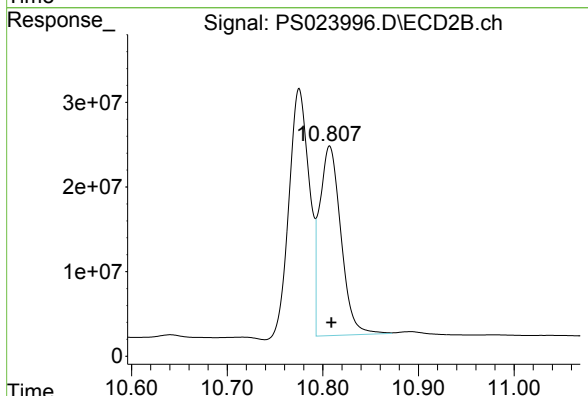
#15 Picloram

R.T.: 9.689 min
Delta R.T.: -0.002 min
Response: 1045252783
Conc: 80.84 ng/ml

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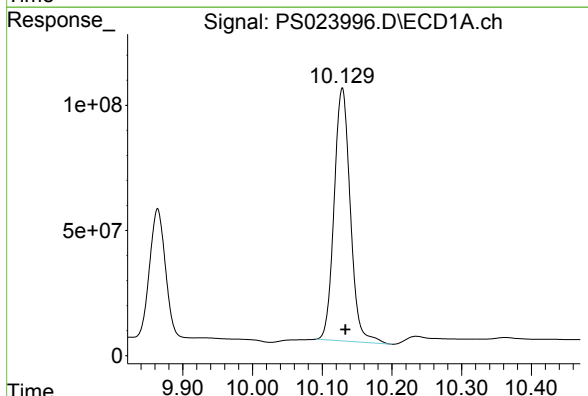
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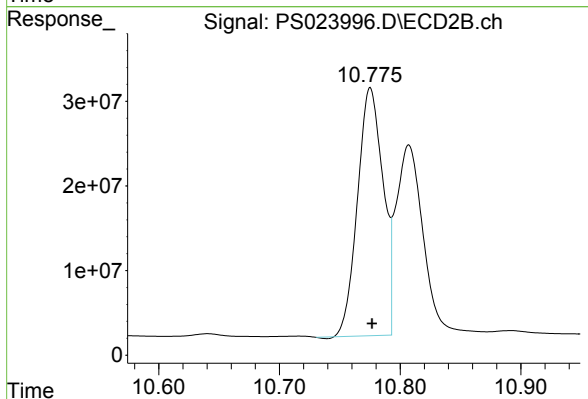
#15 Picloram

R.T.: 10.807 min
Delta R.T.: -0.002 min
Response: 346132782
Conc: 69.46 ng/ml



#16 DCPA

R.T.: 10.129 min
Delta R.T.: -0.004 min
Response: 1624967493
Conc: 103.29 ng/ml



#16 DCPA

R.T.: 10.775 min
Delta R.T.: -0.001 min
Response: 431168319
Conc: 83.87 ng/ml