

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS081619\
 Data File : PS006138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 09:29
 Operator : SM\AJ
 Sample : K3591-03
 Misc : MDL 100 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 MDL-MDL-SOIL-03-QT3-2019

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 01:26:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS081419.M
 Quant Title : 8080.M
 QLast Update : Wed Aug 14 15:09:52 2019
 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	5.494	5.222	413.7E6	252.0E6	479.209	512.256
Target Compounds							
1) T	Dalapon	2.055	1.764	93183295	50501551	85.519	80.481
2) T	3,5-DICHL...	4.871	4.532	101.0E6	56558873	93.652	93.377
3) T	4-Nitroph...	5.402	4.931	25707164	21899857	68.476m	88.404m#
5) T	DICAMBA	5.647	5.351	336.4E6	188.6E6	104.743	102.242
6) T	MCPD	5.791	5.430	14540111	9067590	6.461m	7.330
7) T	MCPA	5.925	5.607	24180494	24888325	7.659	12.178 #
8) T	DICHLORPROP	6.283	5.897	73182841	43932549	96.500	98.813
9) T	2,4-D	6.551	6.179	206.7E6	51378274	253.671m	93.464 #
10) T	Pentachlo...	6.751	6.530	1221.3E6	701.2E6	103.319	103.729
11) T	2,4,5-TP ...	7.292	6.897	444.7E6	251.1E6	97.487	96.490
12) T	2,4,5-T	7.579	7.261	534.6E6	193.0E6	108.111	77.642 #
13) T	2,4-DB	8.115	7.750	45839993	28585032	73.605	85.892
14) T	DINOSEB	9.177	8.049	470.5E6	187.9E6	128.518	97.837
15) T	Picloram	9.036	8.995	685.2E6	483.2E6	92.084	107.124
16) T	DCPA	9.450	8.944	613.5E6	355.5E6	105.863	101.942

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

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ALS Vial : 22 Sample Multiplier: 1

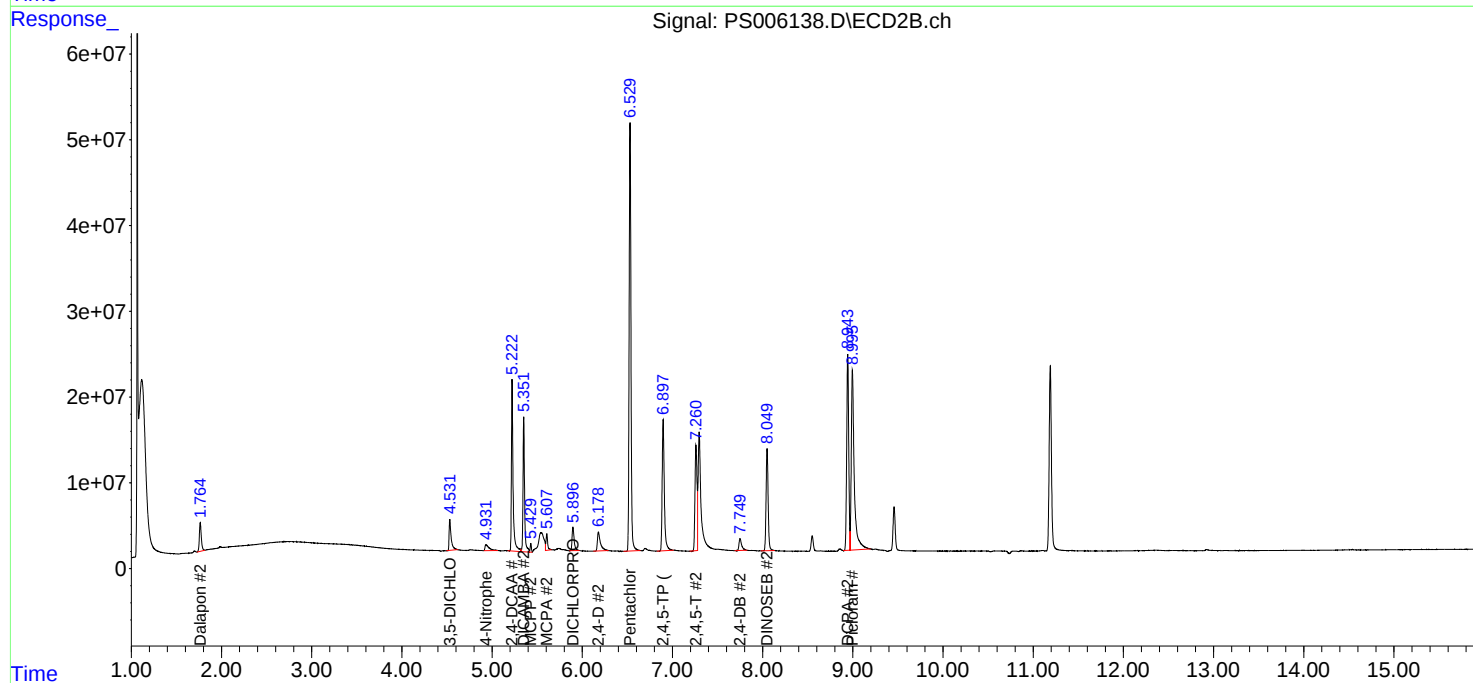
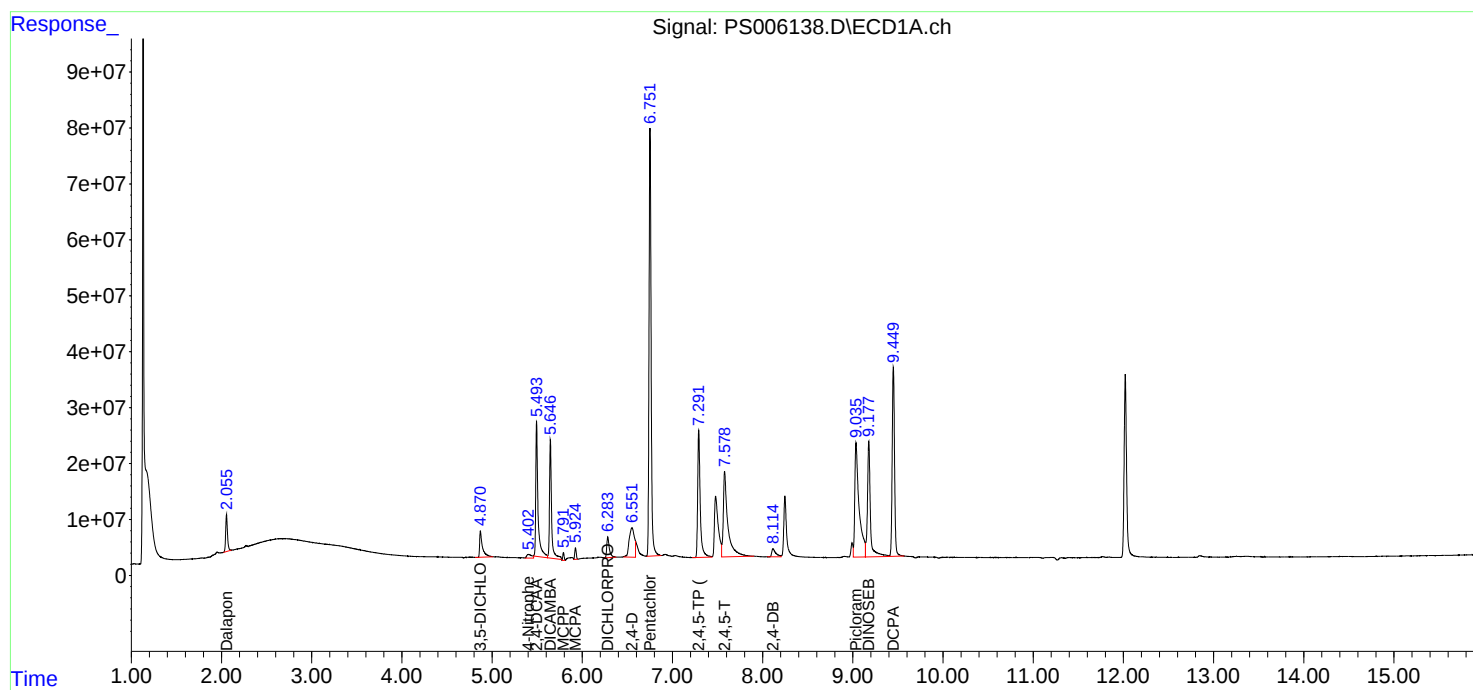
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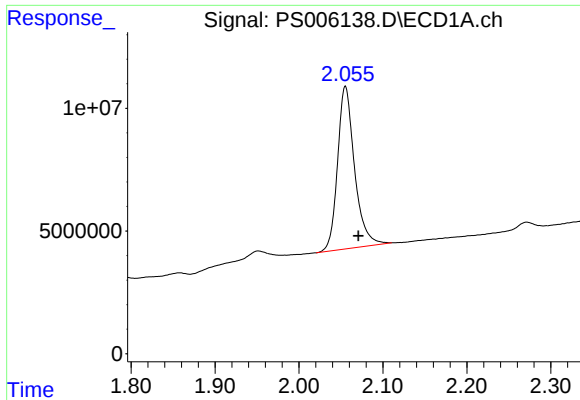
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Quant Time: Aug 17 01:26:08 2019
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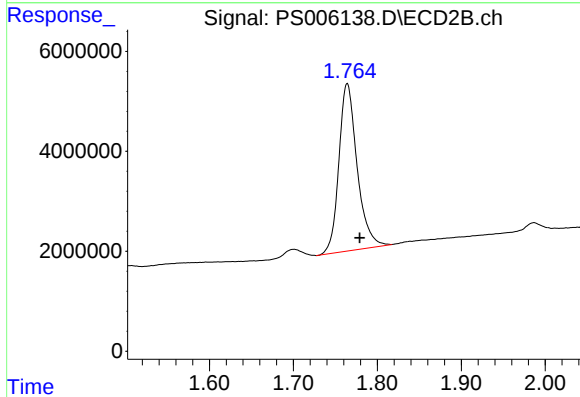
#1 Dalapon

R.T.: 2.055 min
Delta R.T.: -0.016 min
Response: 93183295
Conc: 85.52 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

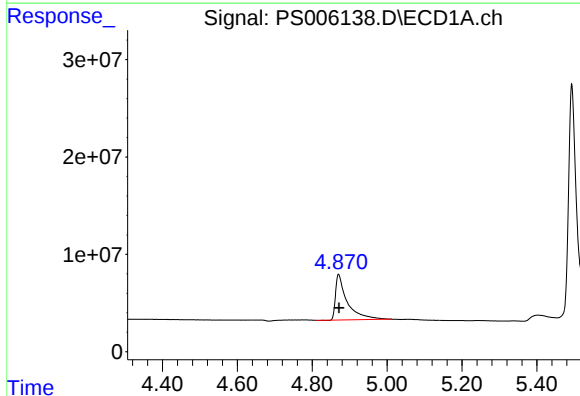
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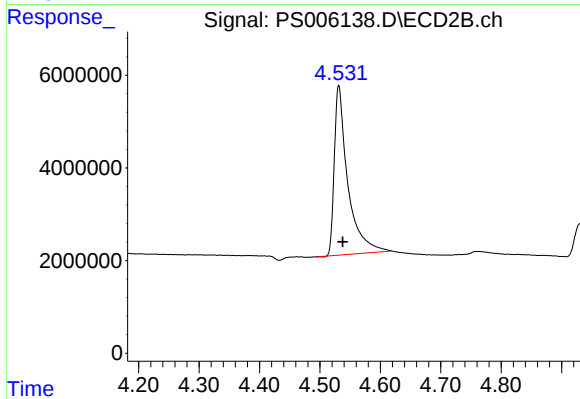
#1 Dalapon

R.T.: 1.764 min
Delta R.T.: -0.015 min
Response: 50501551
Conc: 80.48 ng/ml



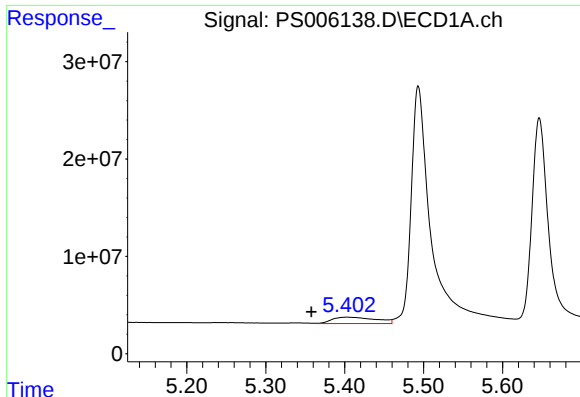
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.871 min
Delta R.T.: 0.000 min
Response: 100969447
Conc: 93.65 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 4.532 min
Delta R.T.: -0.006 min
Response: 56558873
Conc: 93.38 ng/ml



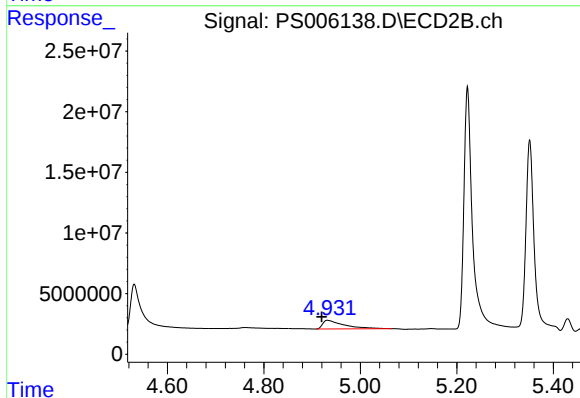
#3 4-Nitrophenol

R.T.: 5.402 min
Delta R.T.: 0.044 min
Response: 25707164
Conc: 68.48 ng/ml m

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

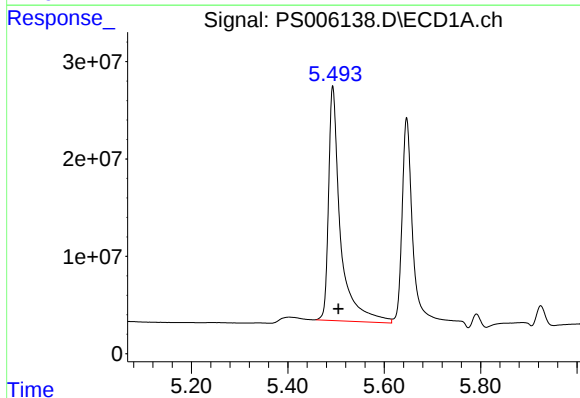
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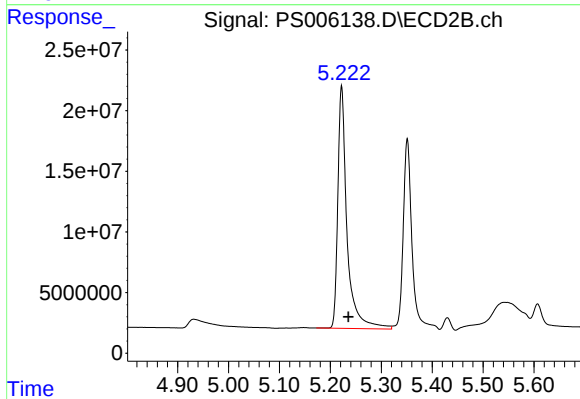
#3 4-Nitrophenol

R.T.: 4.931 min
Delta R.T.: 0.011 min
Response: 21899857
Conc: 88.40 ng/ml m



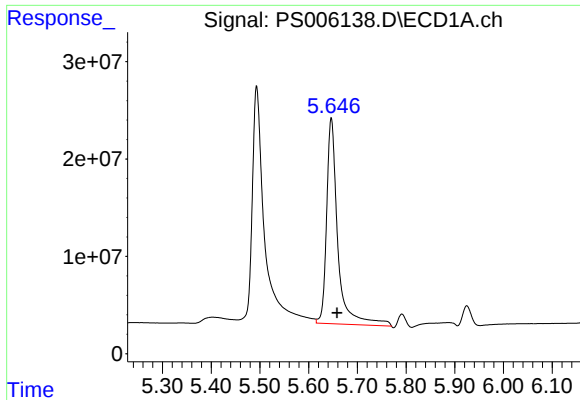
#4 2,4-DCAA

R.T.: 5.494 min
Delta R.T.: -0.012 min
Response: 413653567
Conc: 479.21 ng/ml



#4 2,4-DCAA

R.T.: 5.222 min
Delta R.T.: -0.013 min
Response: 251954252
Conc: 512.26 ng/ml



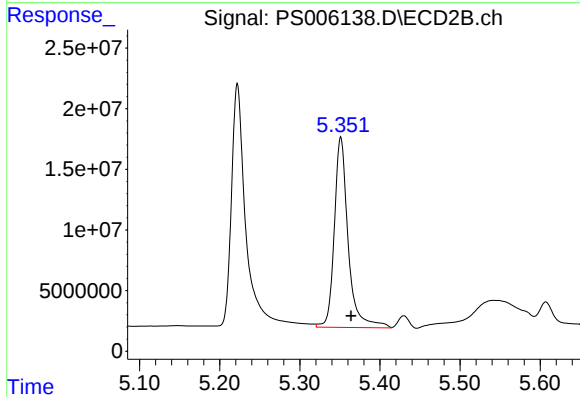
#5 DICAMBA

R.T.: 5.647 min
Delta R.T.: -0.011 min
Response: 336398176
Conc: 104.74 ng/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

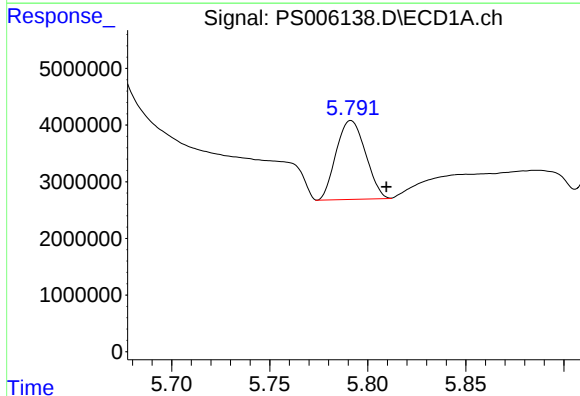
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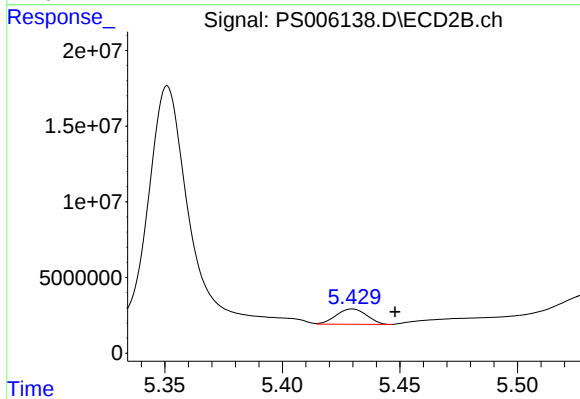
#5 DICAMBA

R.T.: 5.351 min
Delta R.T.: -0.013 min
Response: 188585563
Conc: 102.24 ng/ml



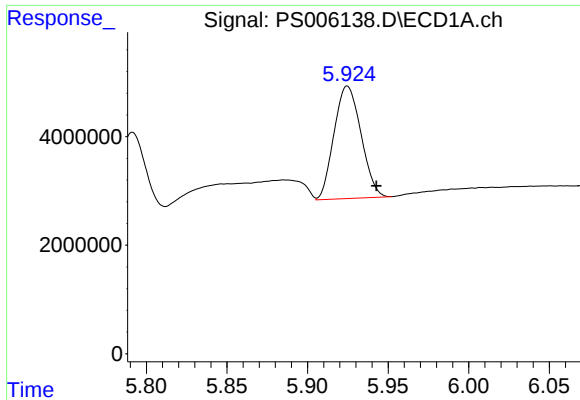
#6 MCP

R.T.: 5.791 min
Delta R.T.: -0.019 min
Response: 14540111
Conc: 6.46 ug/ml m



#6 MCP

R.T.: 5.430 min
Delta R.T.: -0.018 min
Response: 9067590
Conc: 7.33 ug/ml



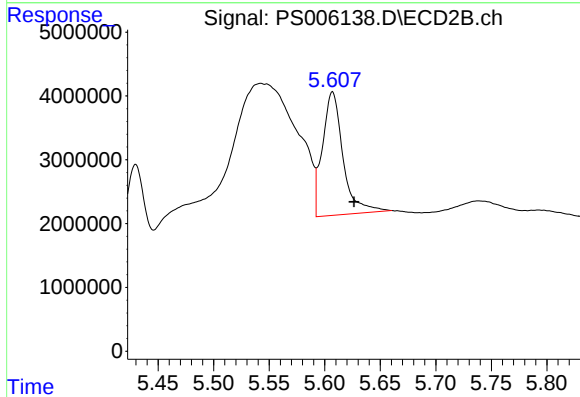
#7 MCPA

R.T.: 5.925 min
Delta R.T.: -0.018 min
Response: 24180494
Conc: 7.66 ug/ml

Instrument :
ECD_S
ClientSampleId :
MDL-MDL-SOIL-03-QT3-2019

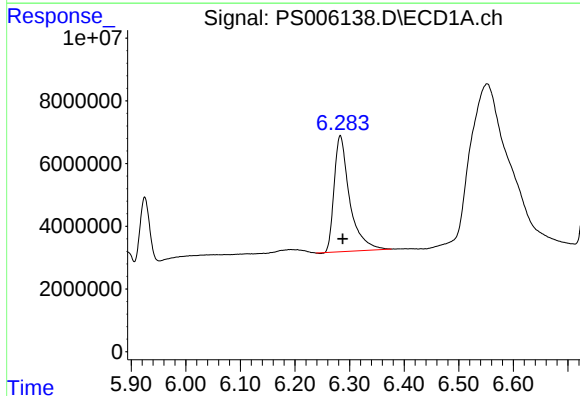
Manual Integrations
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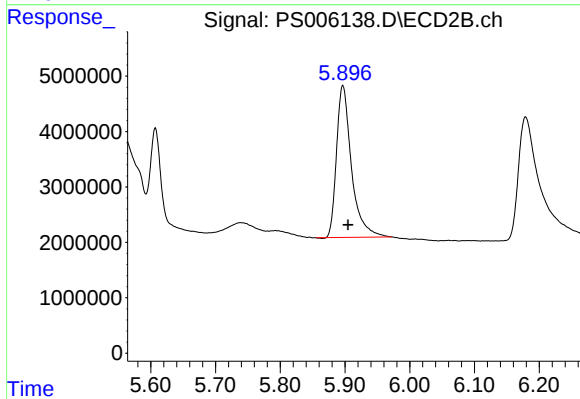
#7 MCPA

R.T.: 5.607 min
Delta R.T.: -0.019 min
Response: 24888325
Conc: 12.18 ug/ml



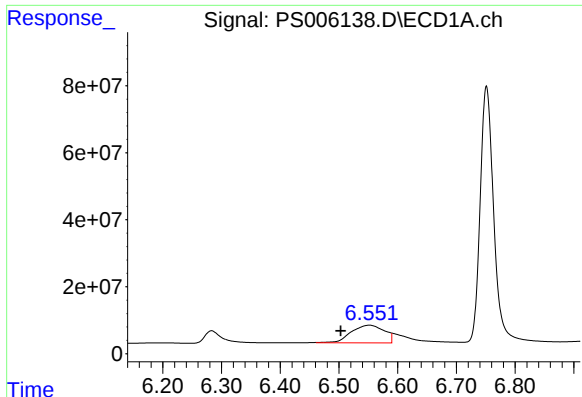
#8 DICHLORPROP

R.T.: 6.283 min
Delta R.T.: -0.005 min
Response: 73182841
Conc: 96.50 ng/ml



#8 DICHLORPROP

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 43932549
Conc: 98.81 ng/ml



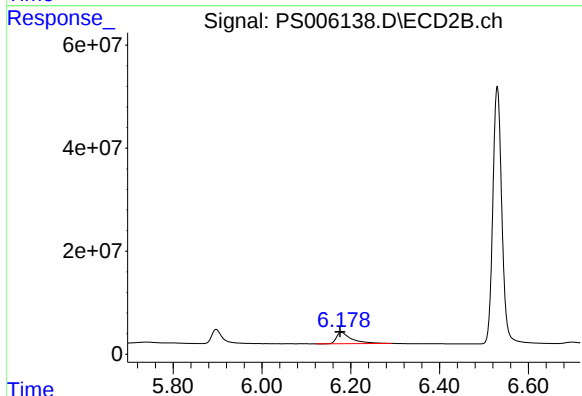
#9 2,4-D

R.T.: 6.551 min
Delta R.T.: 0.048 min
Response: 206686849
Conc: 253.67 ng/ml m

Instrument :
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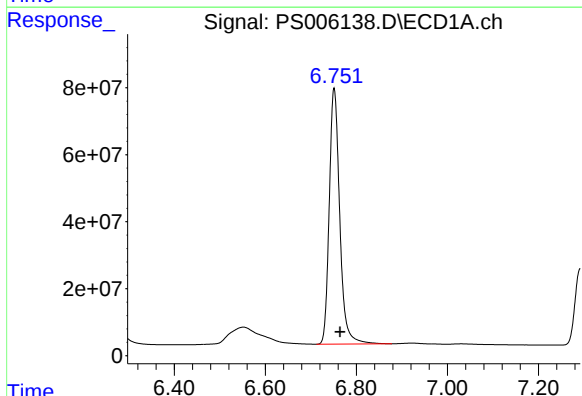
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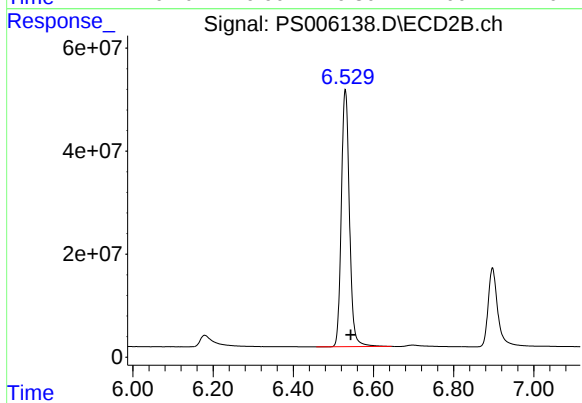
#9 2,4-D

R.T.: 6.179 min
Delta R.T.: 0.003 min
Response: 51378274
Conc: 93.46 ng/ml



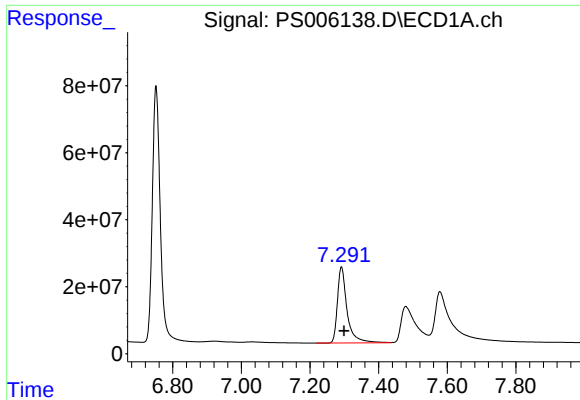
#10 Pentachlorophenol

R.T.: 6.751 min
Delta R.T.: -0.013 min
Response: 1221319507
Conc: 103.32 ng/ml



#10 Pentachlorophenol

R.T.: 6.530 min
Delta R.T.: -0.014 min
Response: 701201298
Conc: 103.73 ng/ml



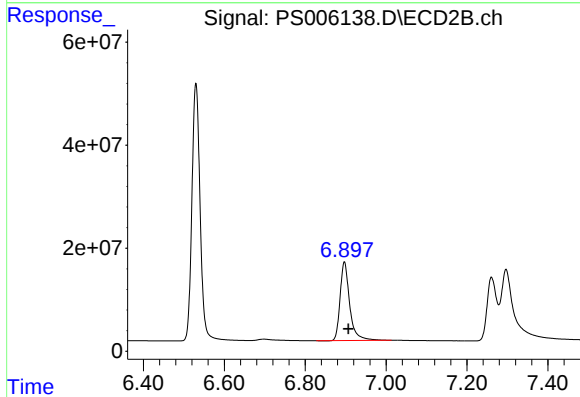
#11 2,4,5-TP (SILVEX)

R.T.: 7.292 min
Delta R.T.: -0.008 min
Response: 444713363
Conc: 97.49 ng/ml

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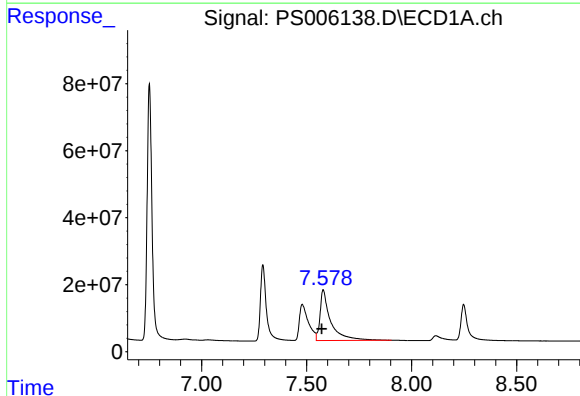
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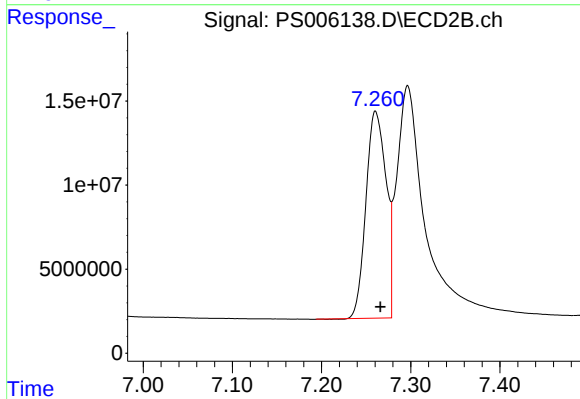
#11 2,4,5-TP (SILVEX)

R.T.: 6.897 min
Delta R.T.: -0.010 min
Response: 251075774
Conc: 96.49 ng/ml



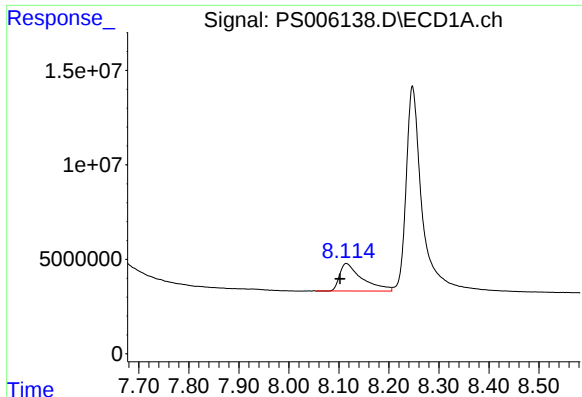
#12 2,4,5-T

R.T.: 7.579 min
Delta R.T.: 0.006 min
Response: 534564107
Conc: 108.11 ng/ml



#12 2,4,5-T

R.T.: 7.261 min
Delta R.T.: -0.005 min
Response: 193022948
Conc: 77.64 ng/ml



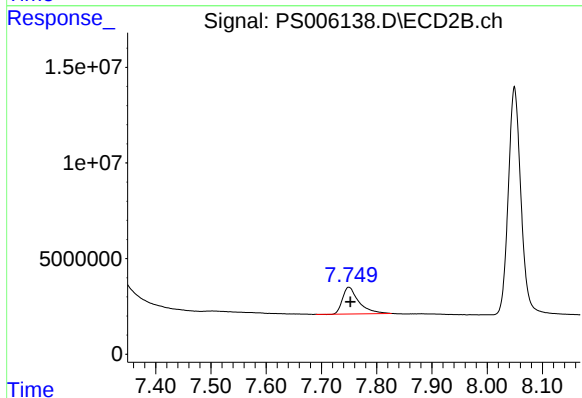
#13 2,4-DB

R.T.: 8.115 min
Delta R.T.: 0.013 min
Response: 45839993
Conc: 73.60 ng/ml

Instrument :
ECD_S
ClientSampleId :
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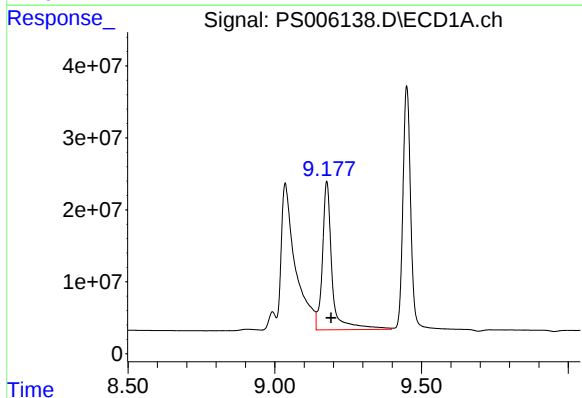
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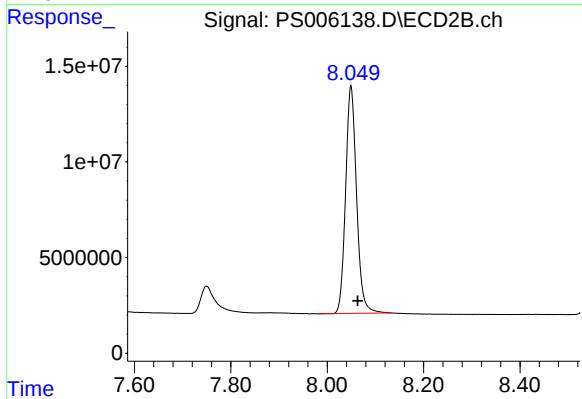
#13 2,4-DB

R.T.: 7.750 min
Delta R.T.: -0.003 min
Response: 28585032
Conc: 85.89 ng/ml



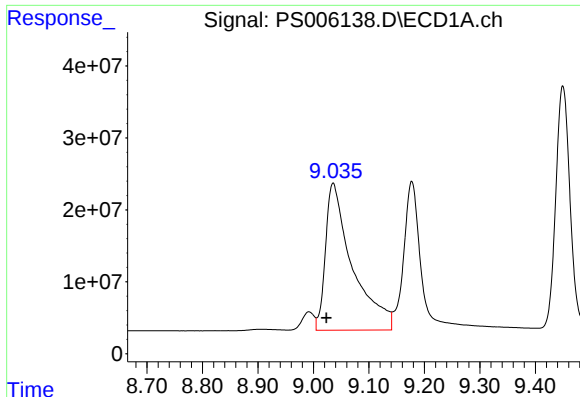
#14 DINOSEB

R.T.: 9.177 min
Delta R.T.: -0.015 min
Response: 470478100
Conc: 128.52 ng/ml



#14 DINOSEB

R.T.: 8.049 min
Delta R.T.: -0.014 min
Response: 187928241
Conc: 97.84 ng/ml



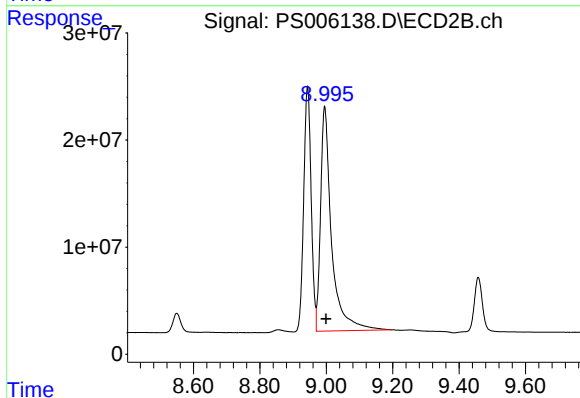
#15 Picloram

R.T.: 9.036 min
Delta R.T.: 0.012 min
Response: 685163568
Conc: 92.08 ng/ml

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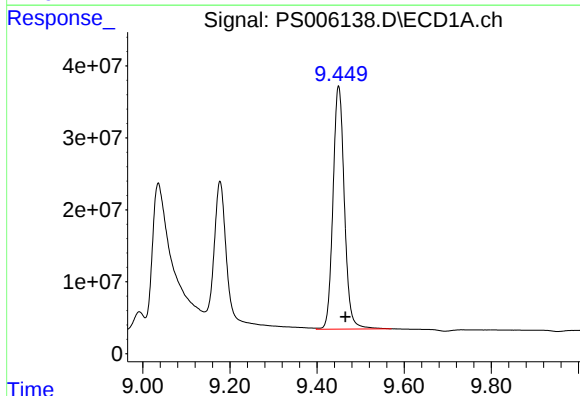
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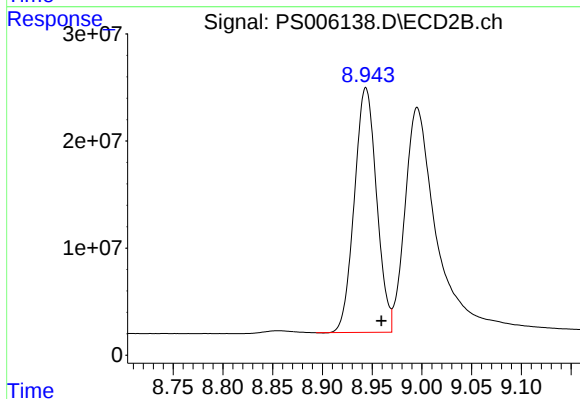
#15 Picloram

R.T.: 8.995 min
Delta R.T.: -0.005 min
Response: 483222863
Conc: 107.12 ng/ml



#16 DCPA

R.T.: 9.450 min
Delta R.T.: -0.016 min
Response: 613534786
Conc: 105.86 ng/ml



#16 DCPA

R.T.: 8.944 min
Delta R.T.: -0.016 min
Response: 355487814
Conc: 101.94 ng/ml