

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS080124\
 Data File : PS027265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2024 11:51
 Operator : AR\AJ
 Sample : P3390-01
 Misc : LOD SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/05/2024
 Supervised By : Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 08:05:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS071224.M
 Quant Title : 8080.M
 QLast Update : Thu Jun 27 04:33:52 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x 0.5 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	7.192	7.750	1516.8E6	1161.0E6	599.814	500.722
Target Compounds							
1) T	Dalapon	2.603	2.693	392.0E6	667.2E6	117.899m	160.770m#
2) T	3,5-DICHL...	6.371	6.704	589.4E6	470.3E6	149.044	138.655
3) T	4-Nitroph...	6.992	7.278	219.8E6	221.3E6	137.088m	133.849m
5) T	DICAMBA	7.376	7.950	1510.1E6	1440.4E6	137.444	136.703
6) T	MCP	7.551	8.047	80496572	79816221	10.487	10.303
7) T	MCPA	7.698	8.289	125.3E6	121.1E6	12.292	11.564m
8) T	DICHLORPROP	8.071	8.662	407.0E6	417.7E6	151.680m	161.516m
9) T	2,4-D	8.299	8.992	514.1E6	490.2E6	178.677	170.030
10) T	Pentachlo...	8.590	9.519	6049.8E6	6076.3E6	153.117	155.716
11) T	2,4,5-TP ...	9.163	9.894	2360.2E6	2451.6E6	155.917	153.735
12) T	2,4,5-T	9.452	10.312	2164.7E6	2311.0E6	146.453	144.632m
13) T	2,4-DB	10.021	10.877	287.4E6	281.7E6	132.979m	139.380
14) T	DINOSEB	11.214	11.257	1583.0E6	1628.2E6	140.551m	145.738
15) T	Picloram	11.028	12.349	2577.6E6	2777.1E6	132.325m	118.770
16) T	DCPA	11.505	12.297	2066.4E6	2871.8E6	115.104m	164.158m#

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

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Operator : AR\AJ
Sample : P3390-01
Misc : LOD SOIL
ALS Vial : 8 Sample Multiplier: 1

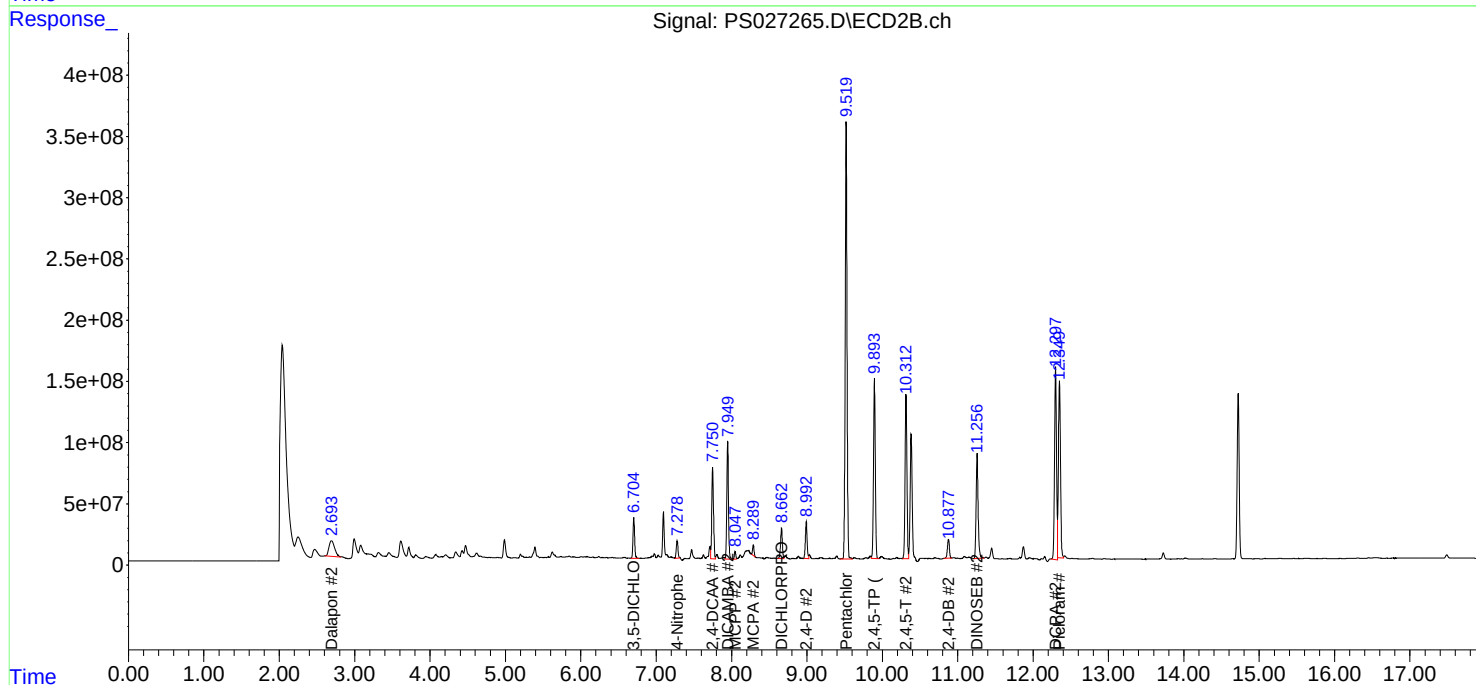
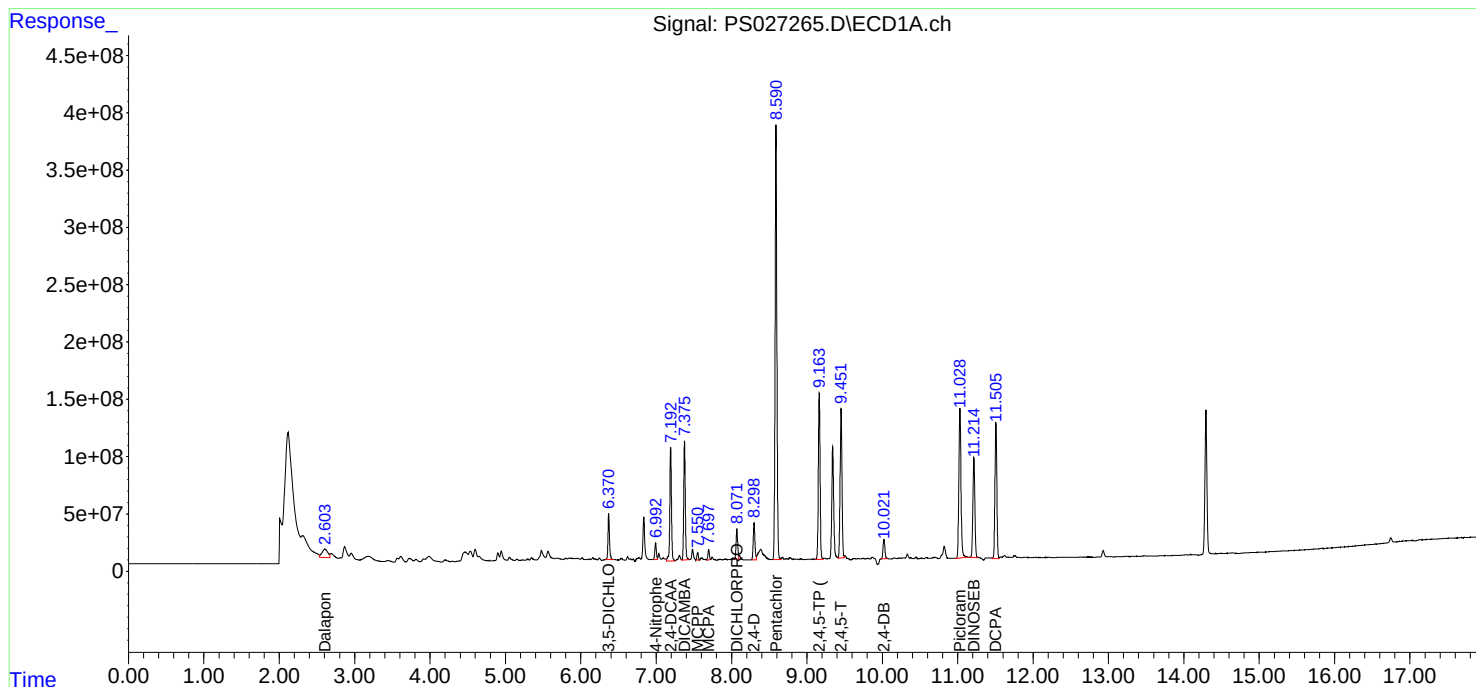
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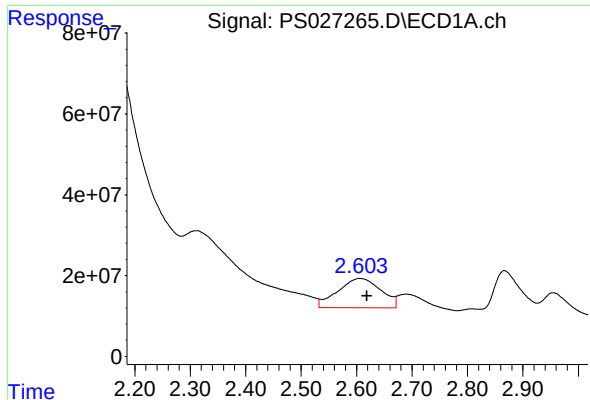
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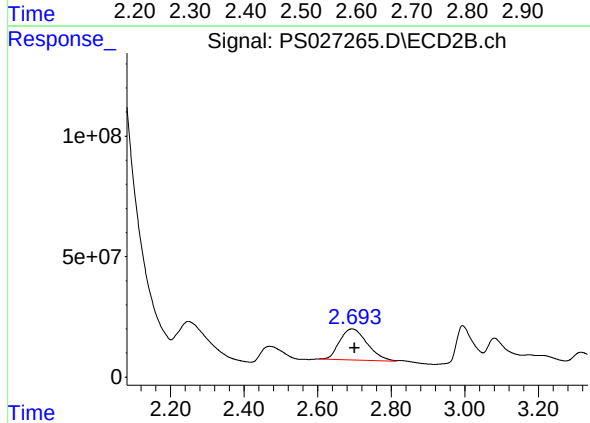
#1 Dalapon

R.T.: 2.603 min
Delta R.T.: -0.016 min
Response: 391966038
Conc: 117.90 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

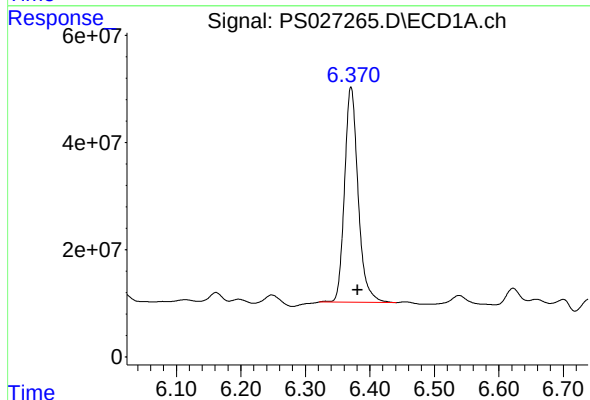
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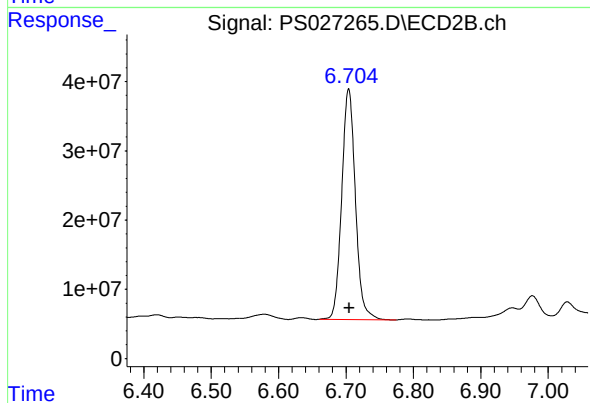
#1 Dalapon

R.T.: 2.693 min
Delta R.T.: -0.007 min
Response: 667213599
Conc: 160.77 ng/ml



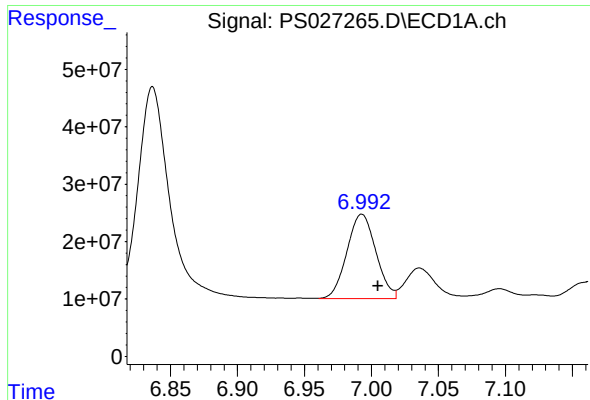
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.371 min
Delta R.T.: -0.010 min
Response: 589425603
Conc: 149.04 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 470278762
Conc: 138.66 ng/ml



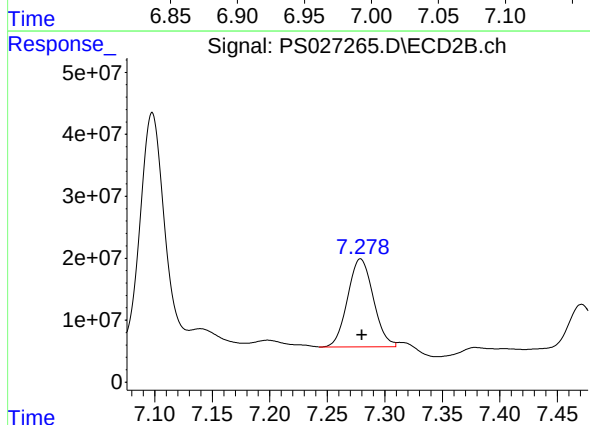
#3 4-Nitrophenol

R.T.: 6.992 min
Delta R.T.: -0.012 min
Response: 219772697
Conc: 137.09 ng/ml

Instrument :
ECD_S
ClientSampleId :
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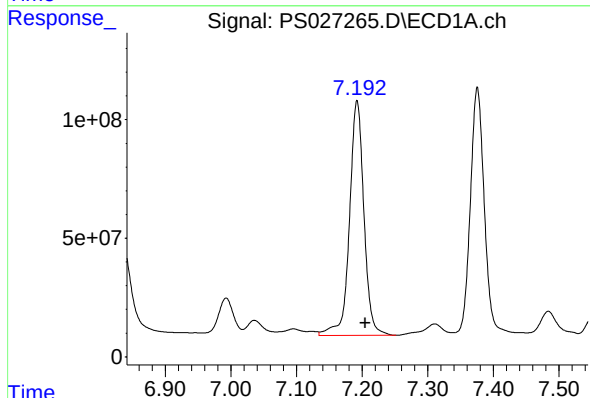
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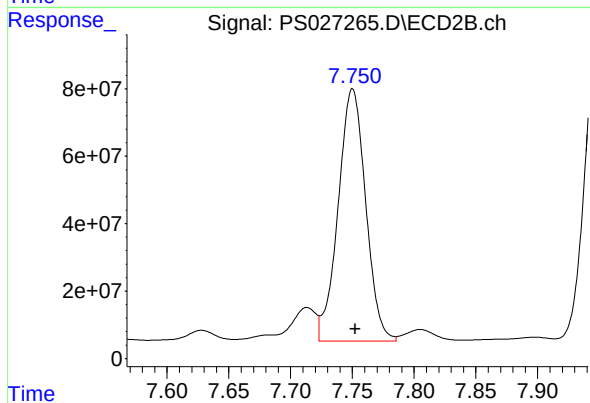
#3 4-Nitrophenol

R.T.: 7.278 min
Delta R.T.: -0.002 min
Response: 221327399
Conc: 133.85 ng/ml



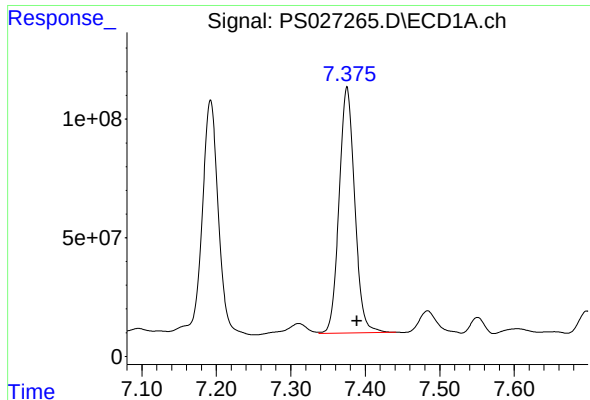
#4 2,4-DCAA

R.T.: 7.192 min
Delta R.T.: -0.013 min
Response: 1516787889
Conc: 599.81 ng/ml



#4 2,4-DCAA

R.T.: 7.750 min
Delta R.T.: -0.002 min
Response: 1161036746
Conc: 500.72 ng/ml



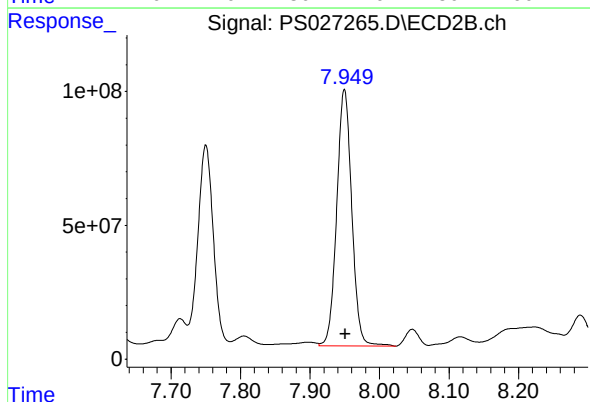
#5 DICAMBA

R.T.: 7.376 min
Delta R.T.: -0.013 min
Response: 1510142452
Conc: 137.44 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

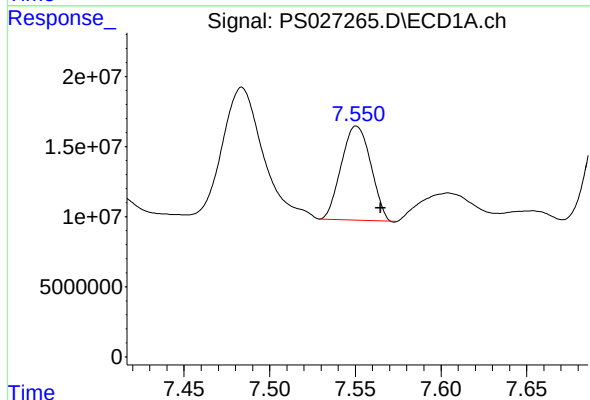
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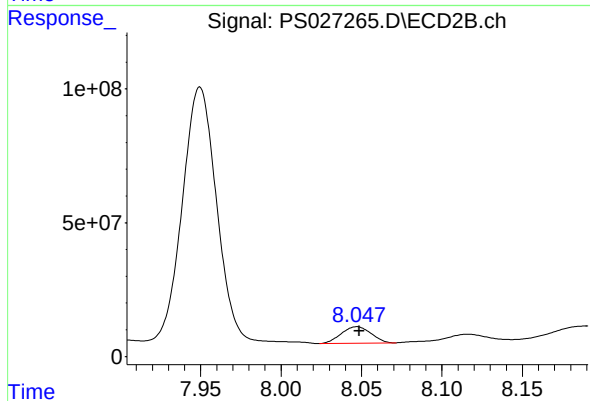
#5 DICAMBA

R.T.: 7.950 min
Delta R.T.: -0.001 min
Response: 1440377196
Conc: 136.70 ng/ml



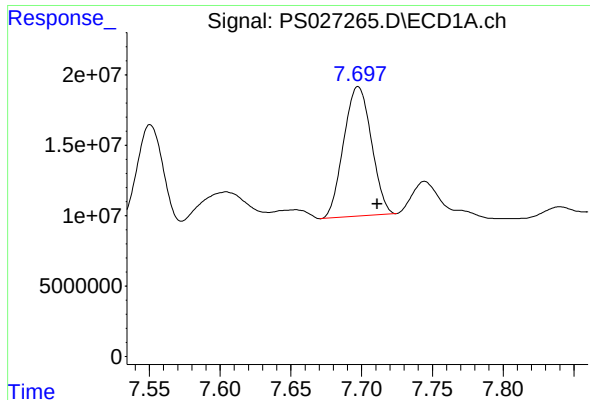
#6 MCPP

R.T.: 7.551 min
Delta R.T.: -0.014 min
Response: 80496572
Conc: 10.49 ug/ml



#6 MCPP

R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 79816221
Conc: 10.30 ug/ml



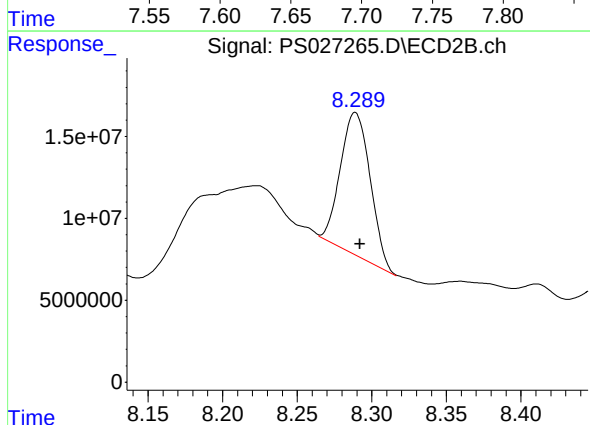
#7 MCPA

R.T.: 7.698 min
Delta R.T.: -0.014 min
Response: 125254532
Conc: 12.29 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

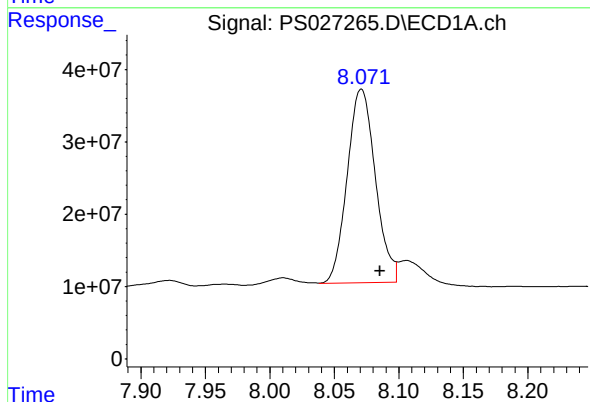
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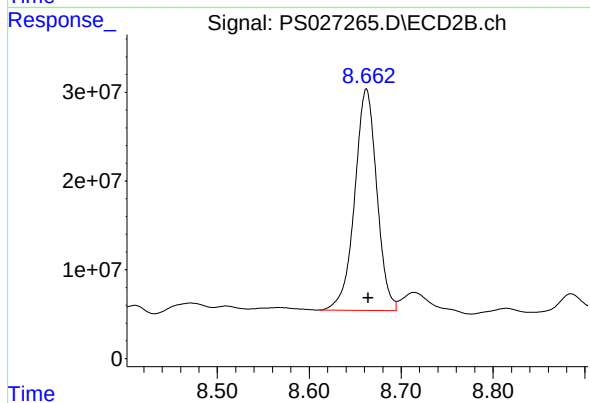
#7 MCPA

R.T.: 8.289 min
Delta R.T.: -0.003 min
Response: 121064281
Conc: 11.56 ug/ml



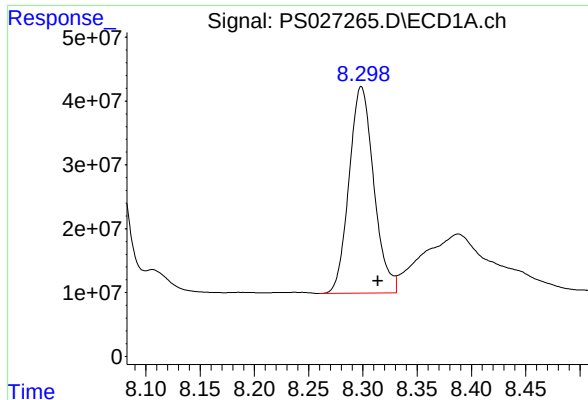
#8 DICHLORPROP

R.T.: 8.071 min
Delta R.T.: -0.015 min
Response: 407016691
Conc: 151.68 ng/ml



#8 DICHLORPROP

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 417722219
Conc: 161.52 ng/ml



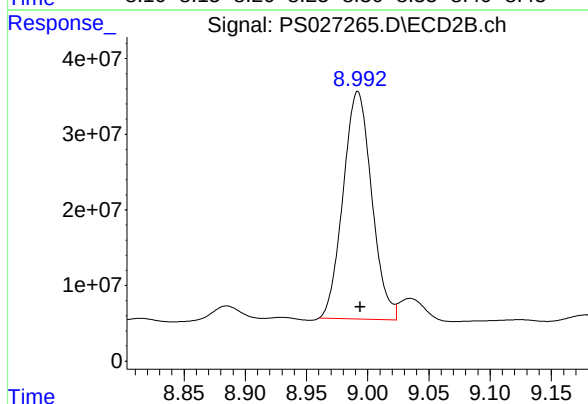
#9 2,4-D

R.T.: 8.299 min
Delta R.T.: -0.015 min
Response: 514070435
Conc: 178.68 ng/ml

Instrument :
ECD_S
ClientSampleId :
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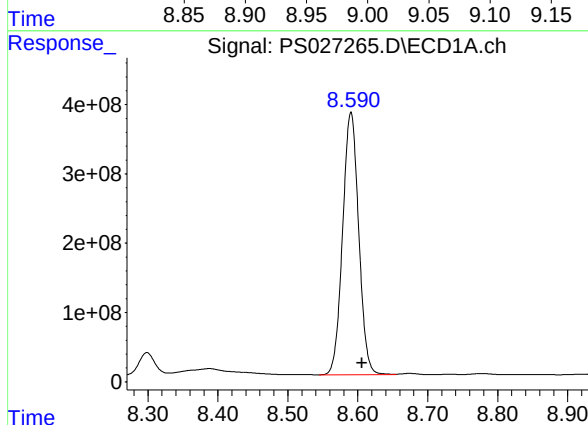
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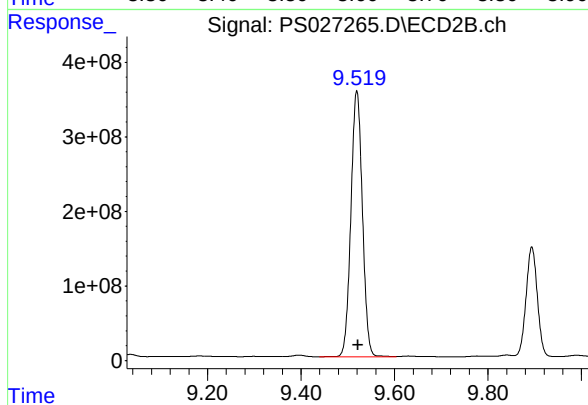
#9 2,4-D

R.T.: 8.992 min
Delta R.T.: -0.002 min
Response: 490230453
Conc: 170.03 ng/ml



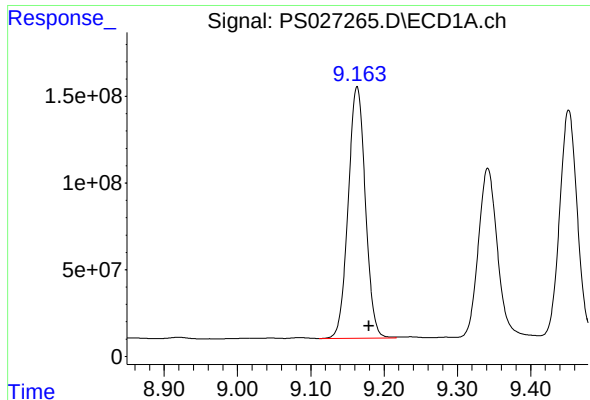
#10 Pentachlorophenol

R.T.: 8.590 min
Delta R.T.: -0.016 min
Response: 6049825660
Conc: 153.12 ng/ml



#10 Pentachlorophenol

R.T.: 9.519 min
Delta R.T.: -0.003 min
Response: 6076307756
Conc: 155.72 ng/ml



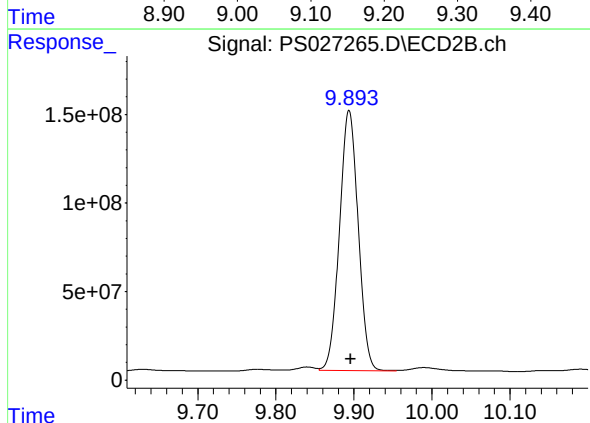
#11 2,4,5-TP (SILVEX)

R.T.: 9.163 min
Delta R.T.: -0.016 min
Response: 2360184681
Conc: 155.92 ng/ml

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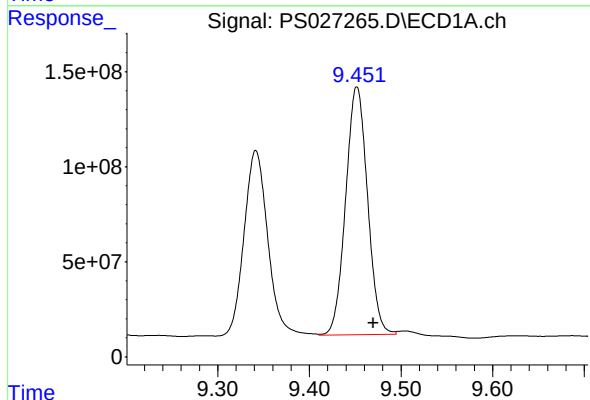
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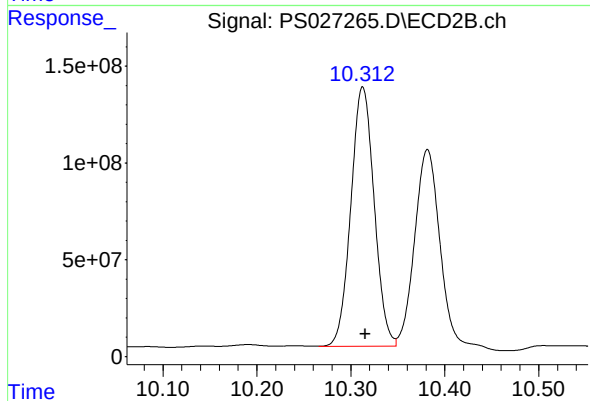
#11 2,4,5-TP (SILVEX)

R.T.: 9.894 min
Delta R.T.: -0.002 min
Response: 2451593502
Conc: 153.74 ng/ml



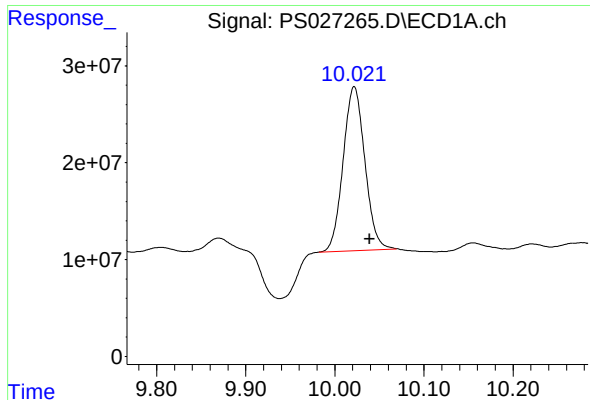
#12 2,4,5-T

R.T.: 9.452 min
Delta R.T.: -0.018 min
Response: 2164708985
Conc: 146.45 ng/ml



#12 2,4,5-T

R.T.: 10.312 min
Delta R.T.: -0.003 min
Response: 2311027105
Conc: 144.63 ng/ml m



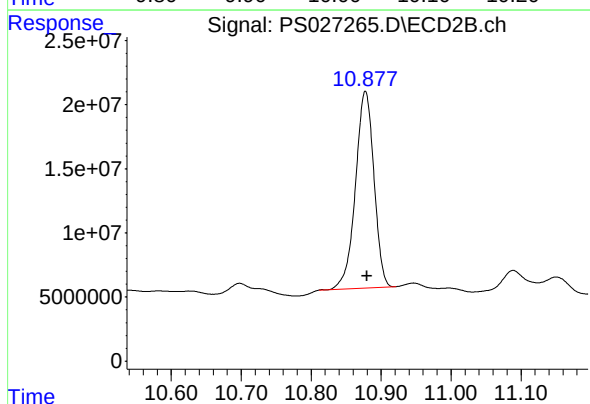
#13 2,4-DB

R.T.: 10.021 min
Delta R.T.: -0.018 min
Response: 287352861
Conc: 132.98 ng/ml

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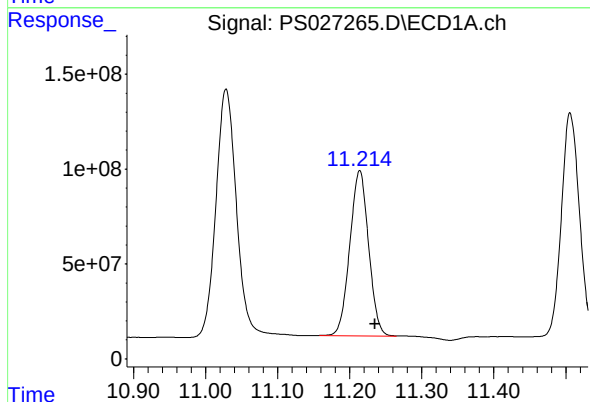
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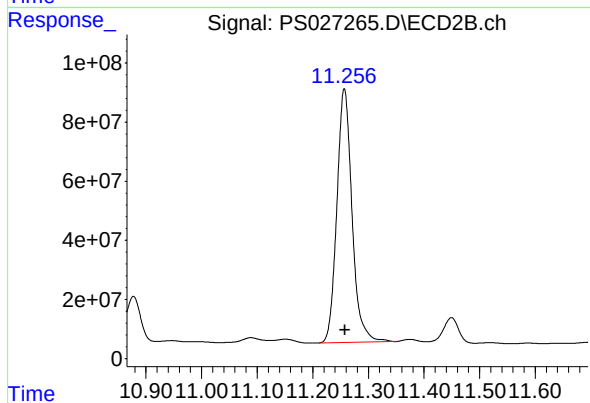
#13 2,4-DB

R.T.: 10.877 min
Delta R.T.: -0.002 min
Response: 281681296
Conc: 139.38 ng/ml



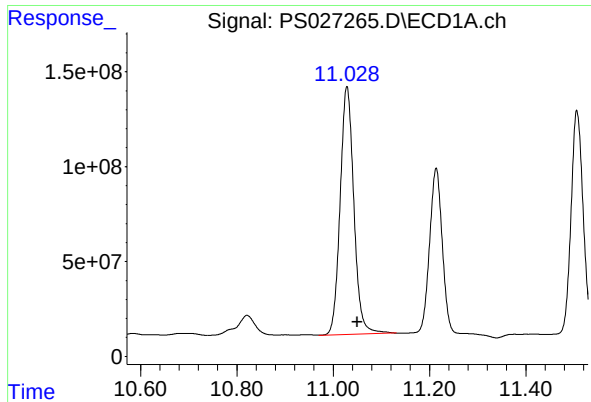
#14 DINOSEB

R.T.: 11.214 min
Delta R.T.: -0.022 min
Response: 1582953622
Conc: 140.55 ng/ml m



#14 DINOSEB

R.T.: 11.257 min
Delta R.T.: -0.001 min
Response: 1628165865
Conc: 145.74 ng/ml



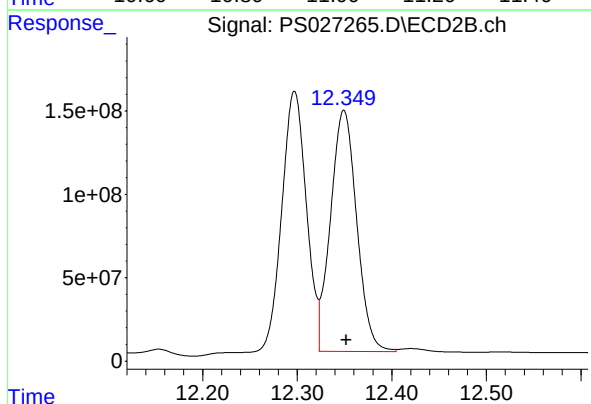
#15 Picloram

R.T.: 11.028 min
Delta R.T.: -0.021 min
Response: 2577574941
Conc: 132.33 ng/ml

Instrument :
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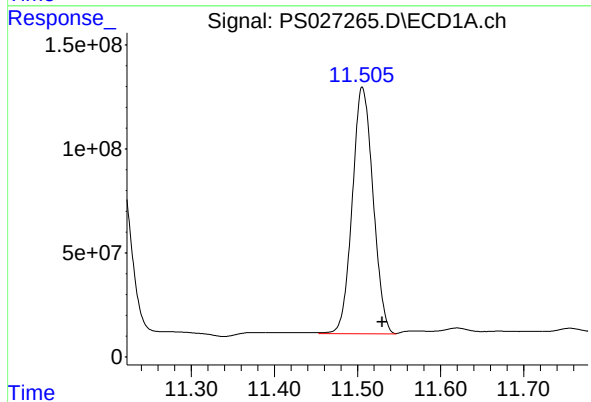
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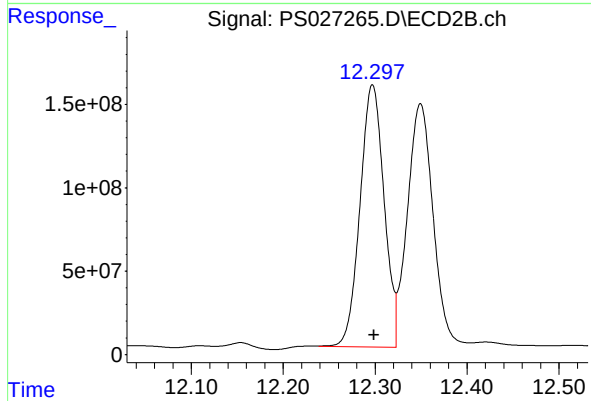
#15 Picloram

R.T.: 12.349 min
Delta R.T.: -0.003 min
Response: 2777080612
Conc: 118.77 ng/ml



#16 DCPA

R.T.: 11.505 min
Delta R.T.: -0.025 min
Response: 2066442119
Conc: 115.10 ng/ml m



#16 DCPA

R.T.: 12.297 min
Delta R.T.: -0.002 min
Response: 2871759120
Conc: 164.16 ng/ml m