

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS101524\
 Data File : PS027946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 15:17
 Operator : AR\AJ
 Sample : P4368-07
 Misc : LOD 150PPB SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/16/2024
 Supervised By : Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 06:08:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100724.M
 Quant Title : 8080.M
 QLast Update : Mon Oct 07 13:46:03 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	7.096	7.623	1415.8E6	436.4E6	525.499	439.169
Target Compounds							
1) T	Dalapon	2.543	2.625	512.1E6	233.3E6	114.111	140.092
2) T	3,5-DICHL...	6.288	6.595	605.8E6	178.4E6	152.501	130.487
3) T	4-Nitroph...	6.892	7.160	314.9E6	85726085	172.464	126.292 #
5) T	DICAMBA	7.275	7.816	1472.0E6	363.3E6	134.936	104.468
6) T	MCP	7.449	7.917	73878065	35976171	9.934	13.072 #
7) T	MCPA	7.593	8.156	132.4E6	104.8E6	12.503	20.945 #
8) T	DICHLORPROP	7.960	8.523	443.4E6	127.3E6	154.939	129.000
9) T	2,4-D	8.183	8.849	556.9E6	147.6E6	165.535	147.234
10) T	Pentachlo...	8.469	9.361	6109.2E6	1467.2E6	157.235	106.172 #
11) T	2,4,5-TP ...	9.035	9.736	2412.9E6	521.5E6	153.046	105.263 #
12) T	2,4,5-T	9.320	10.151	2443.6E6	489.3E6	151.097	113.642
13) T	2,4-DB	9.883	10.713	334.2E6	57558073	128.836m	113.673
14) T	DINOSEB	11.057	11.087	1617.2E6	381.9E6	153.388	113.068 #
15) T	Picloram	10.875	12.162	2680.7E6	349.8E6	124.524	83.725 #
16) T	DCPA	11.355	12.119	2801.4E6	609.2E6	157.730	126.917

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

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Operator : AR\AJ
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ALS Vial : 7 Sample Multiplier: 1

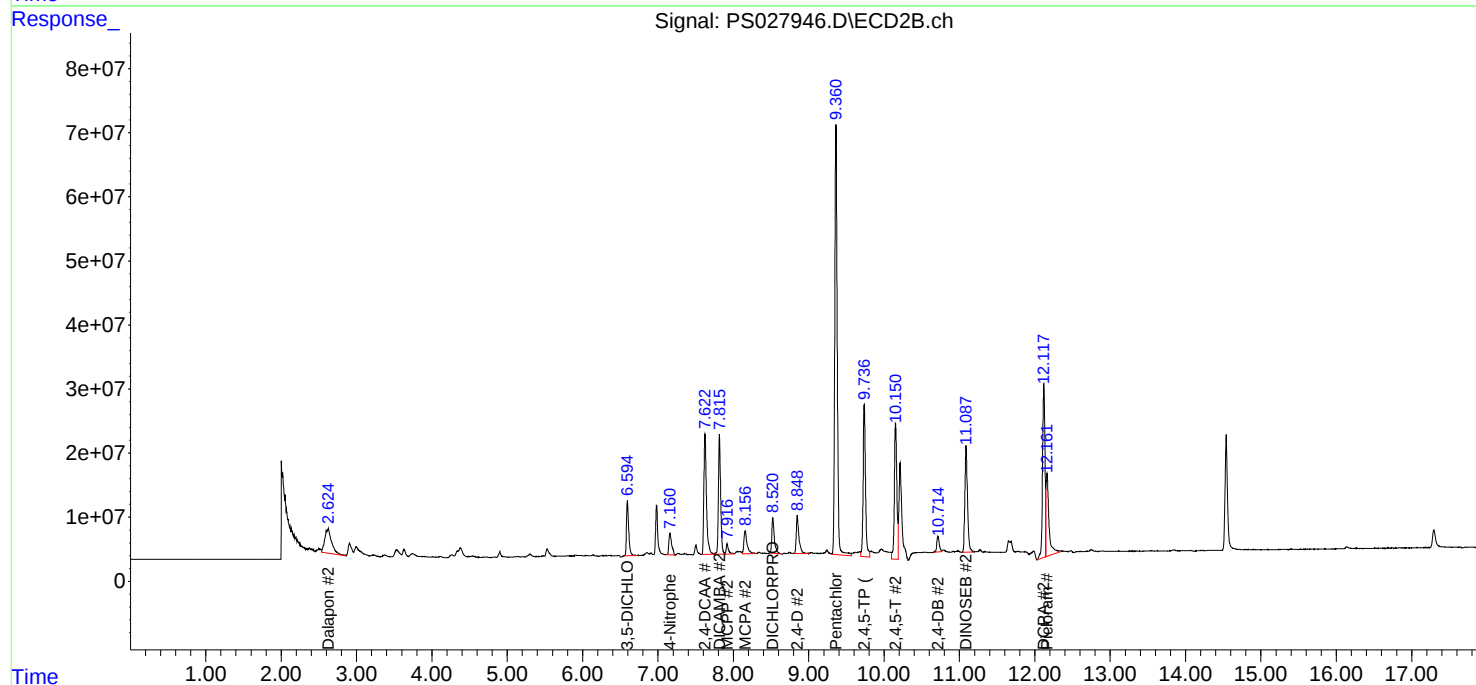
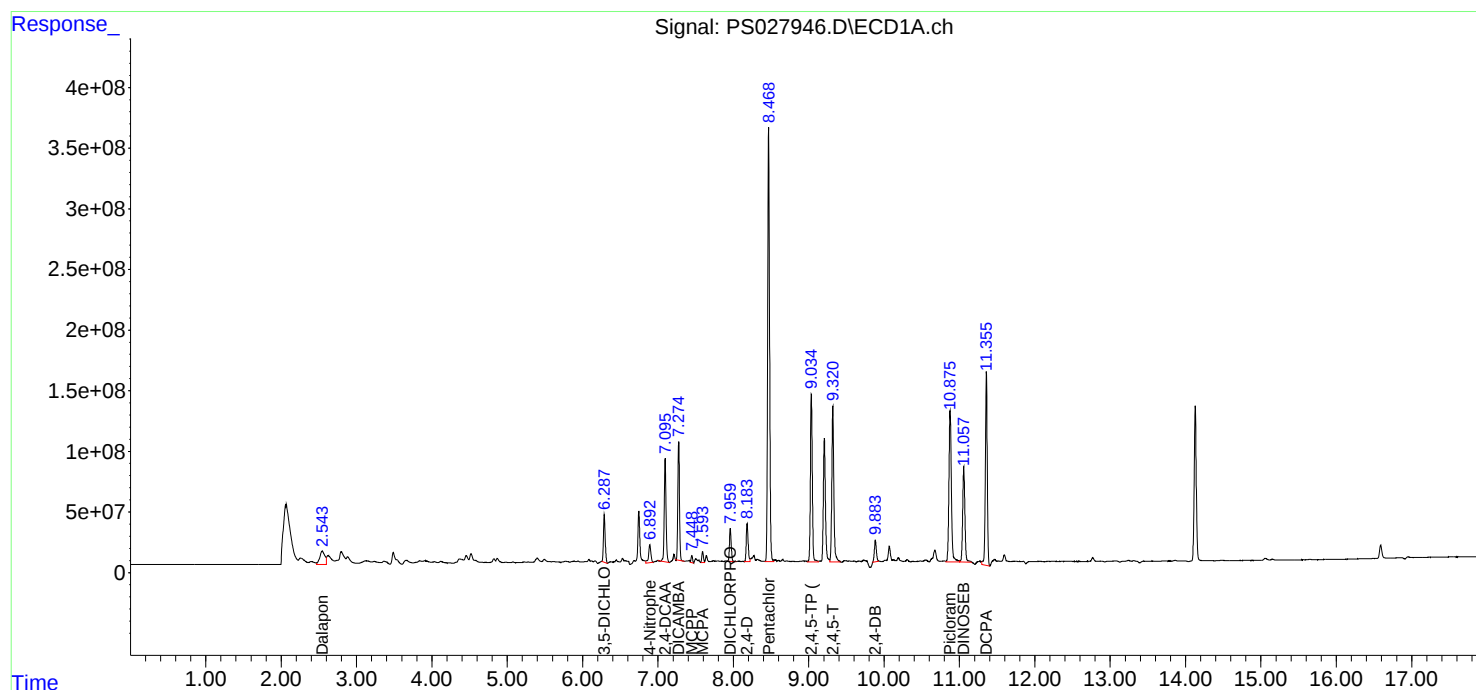
Instrument :
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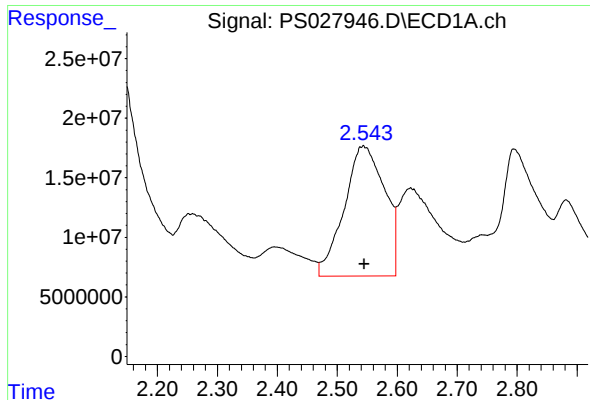
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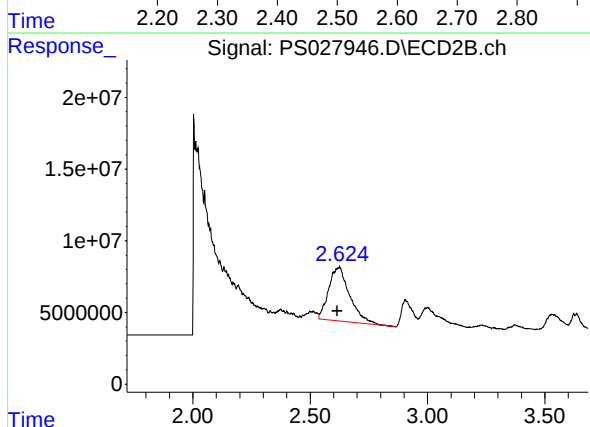
#1 Dalapon

R.T.: 2.543 min
Delta R.T.: -0.002 min
Response: 512121521
Conc: 114.11 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

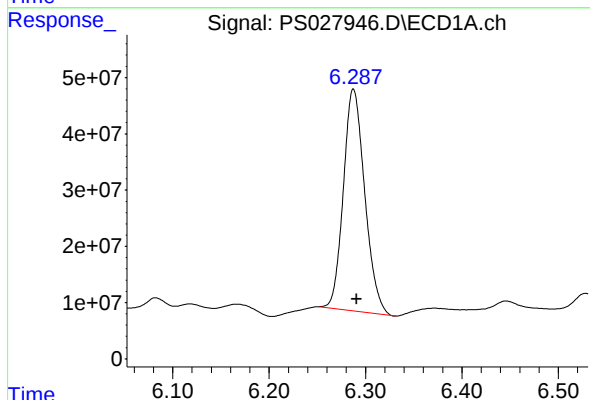
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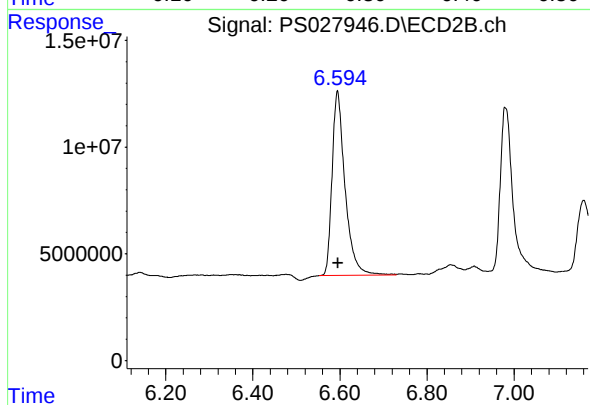
#1 Dalapon

R.T.: 2.625 min
Delta R.T.: 0.009 min
Response: 233347797
Conc: 140.09 ng/ml



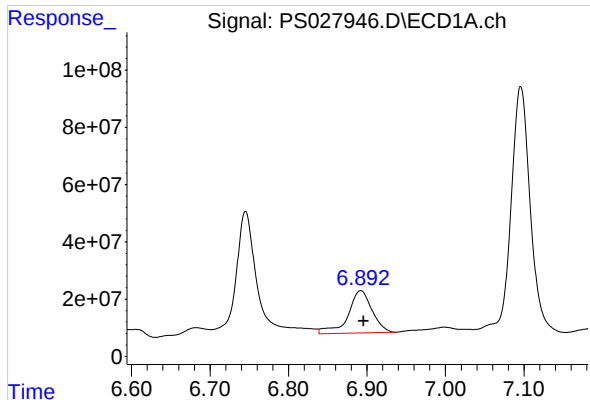
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.288 min
Delta R.T.: -0.003 min
Response: 605756683
Conc: 152.50 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 178434581
Conc: 130.49 ng/ml



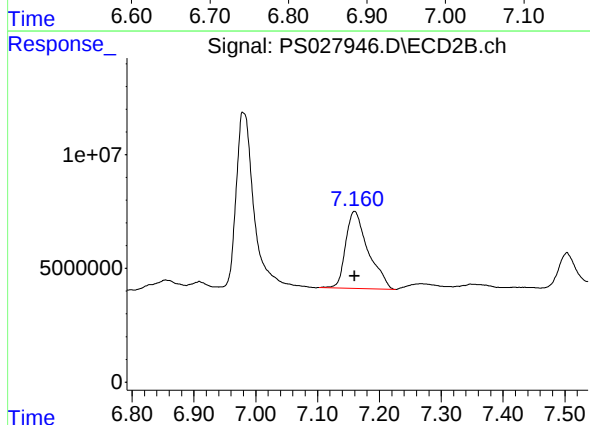
#3 4-Nitrophenol

R.T.: 6.892 min
Delta R.T.: -0.003 min
Response: 314897603
Conc: 172.46 ng/ml

Instrument :
ECD_S
ClientSampleId :
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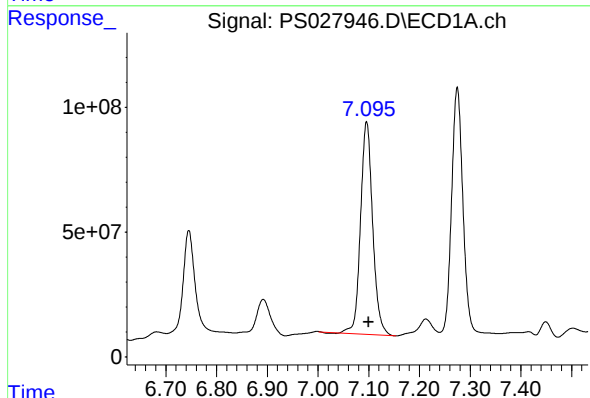
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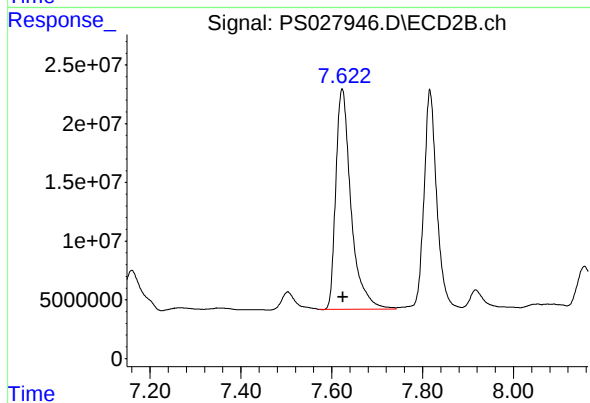
#3 4-Nitrophenol

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 85726085
Conc: 126.29 ng/ml



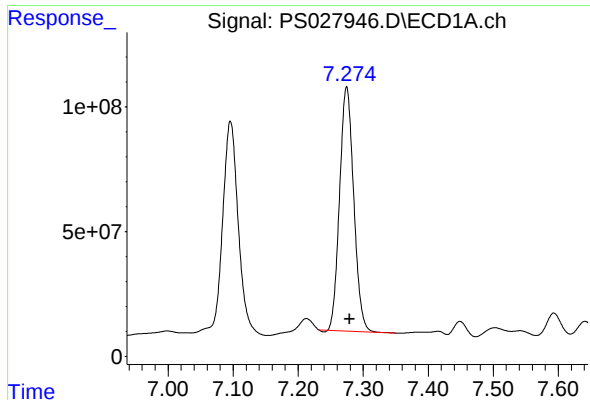
#4 2,4-DCAA

R.T.: 7.096 min
Delta R.T.: -0.004 min
Response: 1415848438
Conc: 525.50 ng/ml



#4 2,4-DCAA

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 436396159
Conc: 439.17 ng/ml



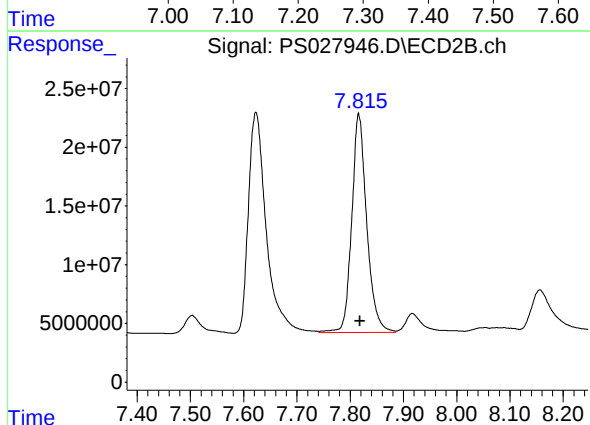
#5 DICAMBA

R.T.: 7.275 min
Delta R.T.: -0.004 min
Response: 1472040255
Conc: 134.94 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

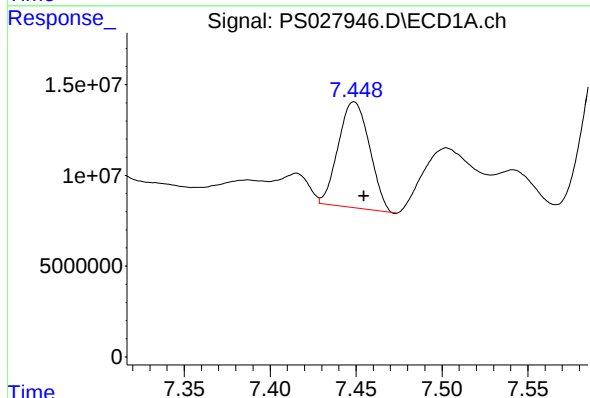
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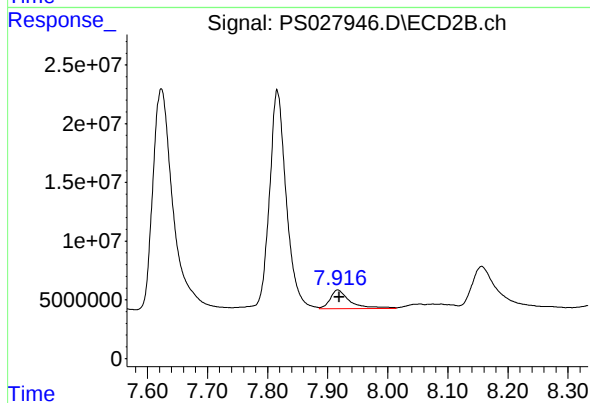
#5 DICAMBA

R.T.: 7.816 min
Delta R.T.: -0.003 min
Response: 363253751
Conc: 104.47 ng/ml



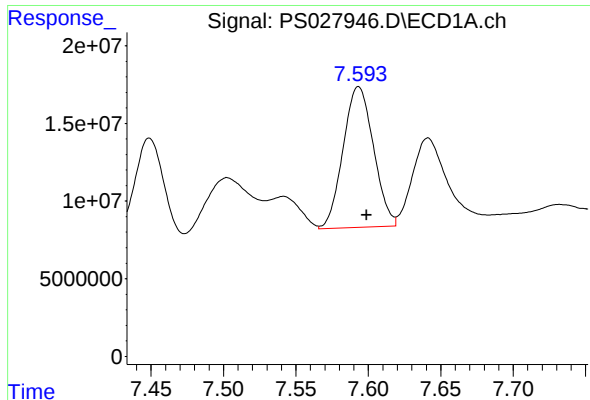
#6 MCPP

R.T.: 7.449 min
Delta R.T.: -0.006 min
Response: 73878065
Conc: 9.93 ug/ml



#6 MCPP

R.T.: 7.917 min
Delta R.T.: -0.002 min
Response: 35976171
Conc: 13.07 ug/ml



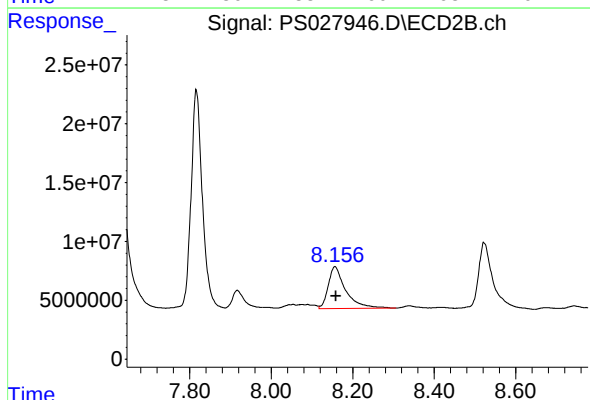
#7 MCPA

R.T.: 7.593 min
Delta R.T.: -0.006 min
Response: 132429714
Conc: 12.50 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

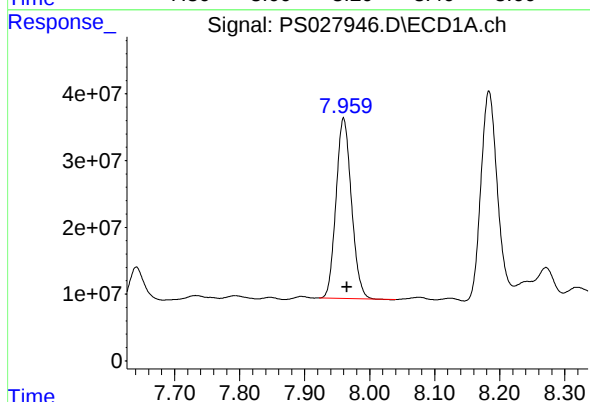
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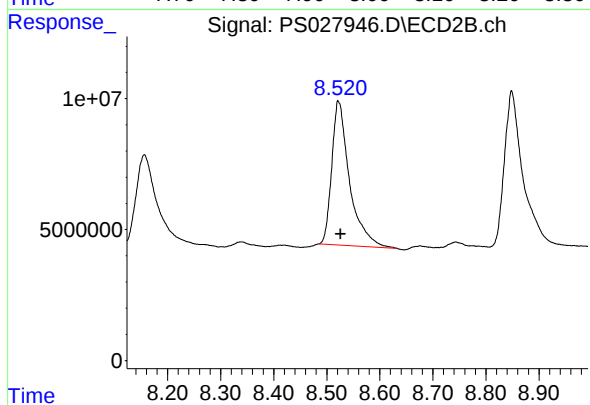
#7 MCPA

R.T.: 8.156 min
Delta R.T.: -0.003 min
Response: 104773778
Conc: 20.94 ug/ml



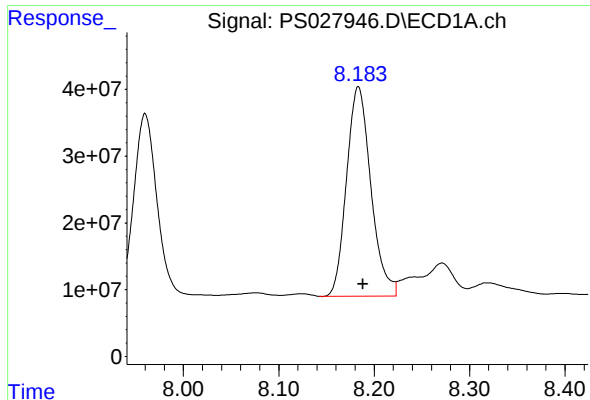
#8 DICHLORPROP

R.T.: 7.960 min
Delta R.T.: -0.005 min
Response: 443398114
Conc: 154.94 ng/ml



#8 DICHLORPROP

R.T.: 8.523 min
Delta R.T.: -0.003 min
Response: 127315966
Conc: 129.00 ng/ml



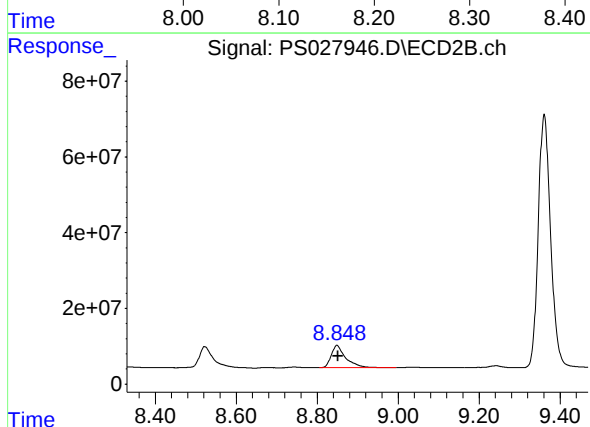
#9 2,4-D

R.T.: 8.183 min
Delta R.T.: -0.005 min
Response: 556865361
Conc: 165.53 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

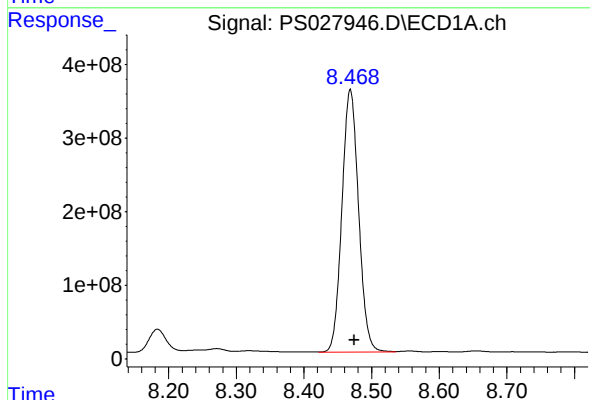
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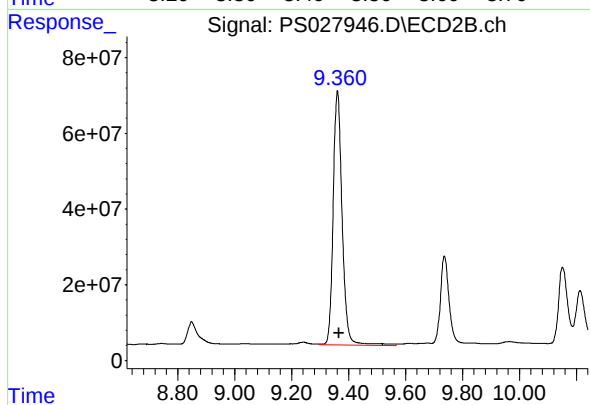
#9 2,4-D

R.T.: 8.849 min
Delta R.T.: -0.002 min
Response: 147569008
Conc: 147.23 ng/ml



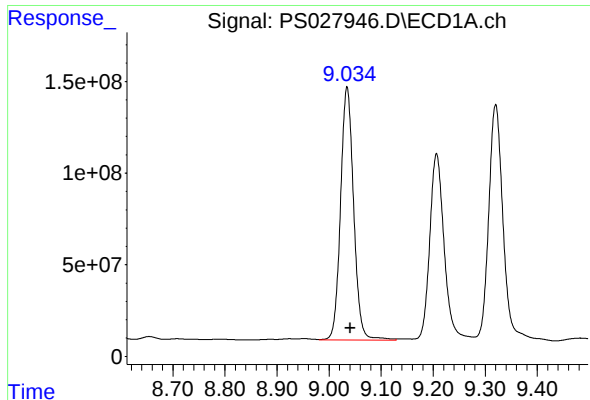
#10 Pentachlorophenol

R.T.: 8.469 min
Delta R.T.: -0.006 min
Response: 6109195927
Conc: 157.24 ng/ml



#10 Pentachlorophenol

R.T.: 9.361 min
Delta R.T.: -0.005 min
Response: 1467191437
Conc: 106.17 ng/ml



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

R.T.: 9.035 min
Delta R.T.: -0.006 min
Response: 2412887908
Conc: 153.05 ng/ml

Instrument :

ECD_S

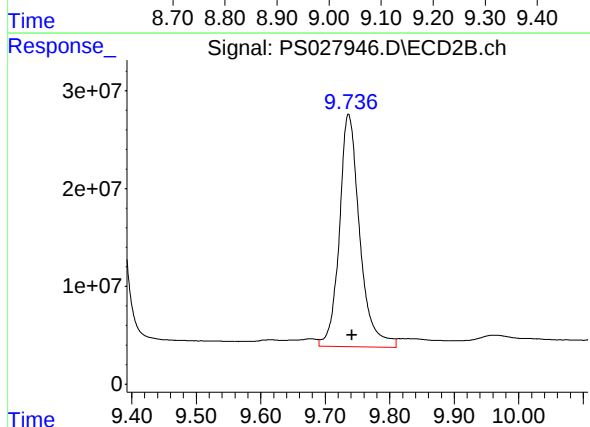
ClientSampleId :

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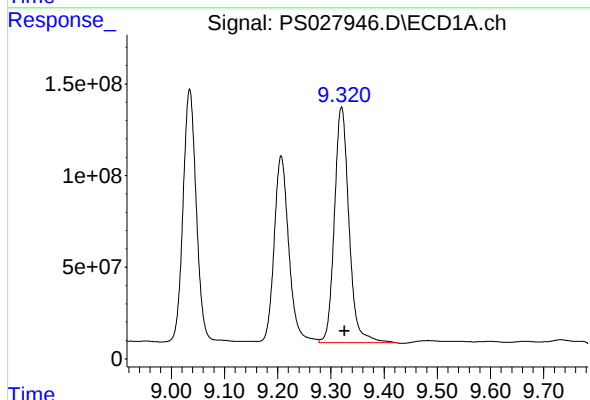
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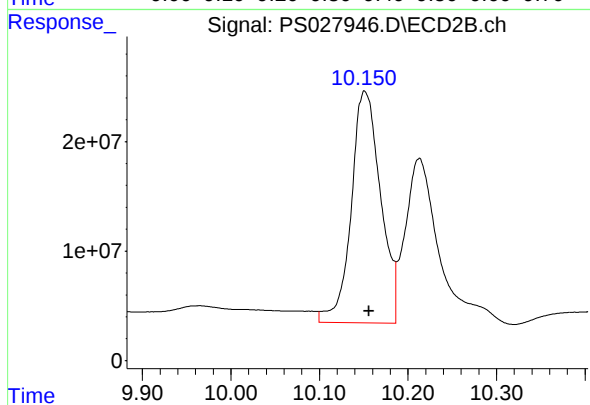
#11 2,4,5-TP (SILVEX)

R.T.: 9.736 min
Delta R.T.: -0.005 min
Response: 521501803
Conc: 105.26 ng/ml



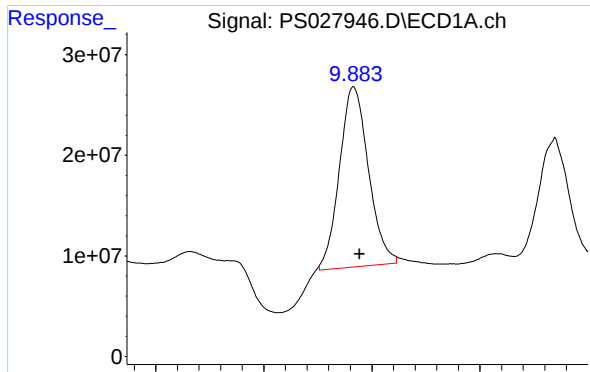
#12 2,4,5-T

R.T.: 9.320 min
Delta R.T.: -0.006 min
Response: 2443631624
Conc: 151.10 ng/ml



#12 2,4,5-T

R.T.: 10.151 min
Delta R.T.: -0.005 min
Response: 489256988
Conc: 113.64 ng/ml



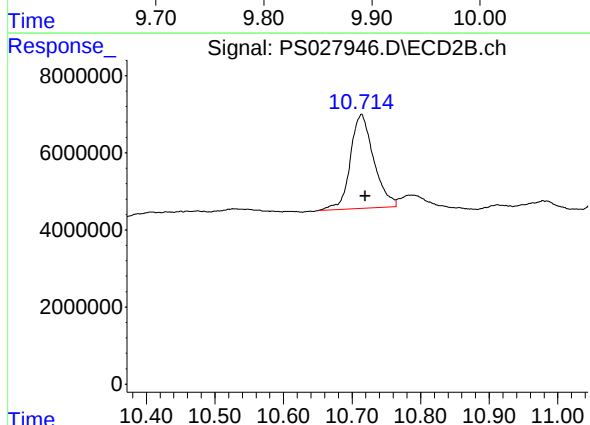
#13 2,4-DB

R.T.: 9.883 min
Delta R.T.: -0.006 min
Response: 334158495
Conc: 128.84 ng/ml

Instrument :
ECD_S
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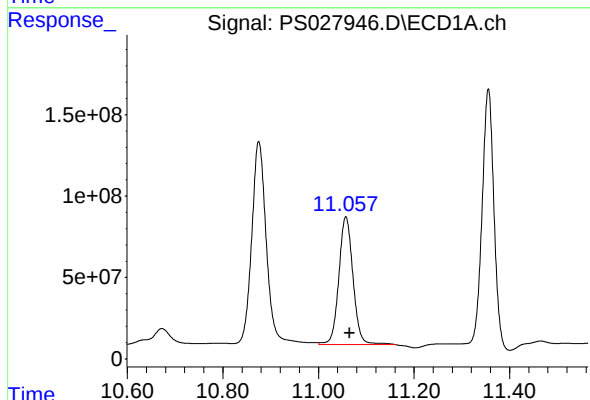
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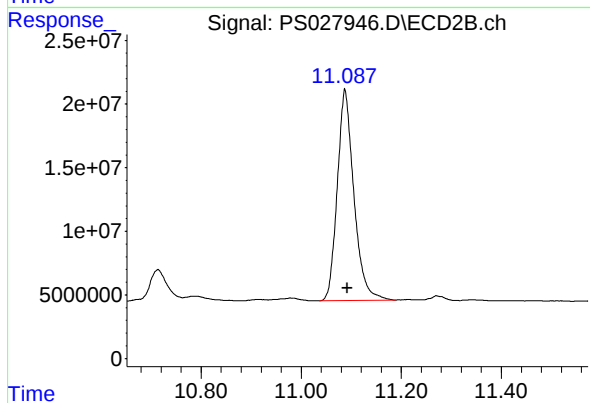
#13 2,4-DB

R.T.: 10.713 min
Delta R.T.: -0.006 min
Response: 57558073
Conc: 113.67 ng/ml



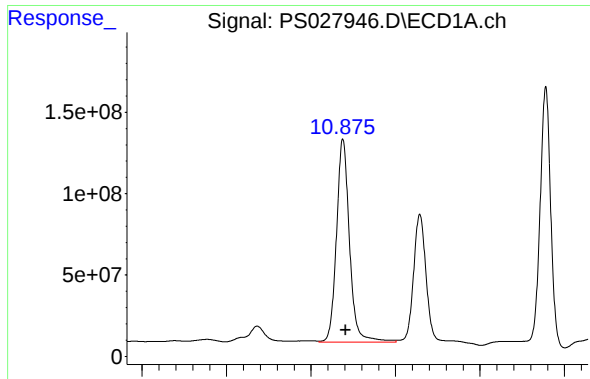
#14 DINOSEB

R.T.: 11.057 min
Delta R.T.: -0.008 min
Response: 1617169150
Conc: 153.39 ng/ml



#14 DINOSEB

R.T.: 11.087 min
Delta R.T.: -0.004 min
Response: 381948442
Conc: 113.07 ng/ml



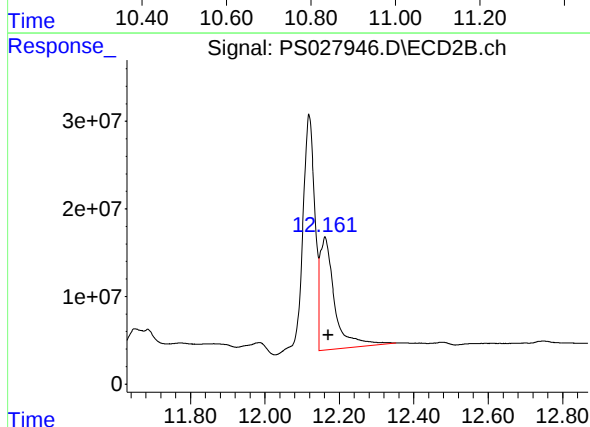
#15 Picloram

R.T.: 10.875 min
Delta R.T.: -0.006 min
Response: 2680676928
Conc: 124.52 ng/ml

Instrument :
ECD_S
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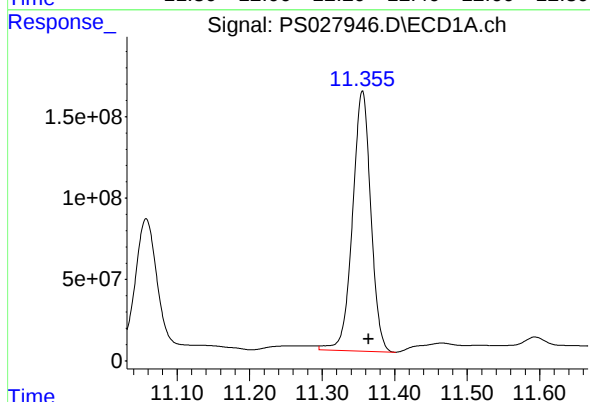
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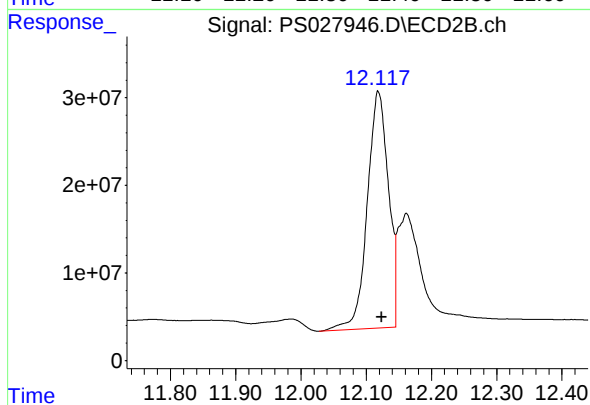
#15 Picloram

R.T.: 12.162 min
Delta R.T.: -0.009 min
Response: 349754691
Conc: 83.72 ng/ml



#16 DCPA

R.T.: 11.355 min
Delta R.T.: -0.009 min
Response: 2801428205
Conc: 157.73 ng/ml



#16 DCPA

R.T.: 12.119 min
Delta R.T.: -0.004 min
Response: 609239856
Conc: 126.92 ng/ml