

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_S\Data\PS100722\
 Data File : PS020754.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2022 13:57
 Operator : AR\AJ
 Sample : N4955-07
 Misc : LOD 150 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/10/2022
 Supervised By : Ankita Jodhani 10/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 08 04:06:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_S\Method\PS100622.M
 Quant Title : 8080.M
 QLast Update : Fri Oct 07 06:09:52 2022
 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 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	6.422	6.865	810.0E6	560.9E6	429.384	418.873
Target Compounds							
1) T	Dalapon	2.511	2.586	429.4E6	302.0E6	153.098	174.001
2) T	3,5-DICHL...	5.787	6.033	373.5E6	232.6E6	124.305	116.016
3) T	4-Nitroph...	6.256	6.471	171.4E6	81914360	124.486	99.347
5) T	DICAMBA	6.568	7.033	972.9E6	675.3E6	122.376	114.739
6) T	MCPD	6.722	7.127	72707262	46990889	12.373	10.723
7) T	MCPA	6.847	7.337	96012827	77714604	11.272	12.835
8) T	DICHLORPROP	7.170	7.661	257.8E6	185.0E6	128.491	127.570
9) T	2,4-D	7.369	7.952	310.6E6	246.5E6	127.393	139.049
10) T	Pentachlo...	7.606	8.389	3958.9E6	2786.5E6	144.180	137.945
11) T	2,4,5-TP ...	8.135	8.753	1553.8E6	1140.1E6	137.824	134.566
12) T	2,4,5-T	8.393	9.128	1530.6E6	1008.4E6	137.708	123.934
13) T	2,4-DB	8.904	9.638	222.5E6	144.0E6	97.393	128.510 #
14) T	DINOSEB	9.967	9.969	935.6E6	657.7E6	114.252	108.539
15) T	Picloram	9.788	10.940	1888.8E6	1230.8E6	113.415	104.415
16) T	DCPA	10.234	10.904	1980.9E6	1353.4E6	142.396	131.731

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

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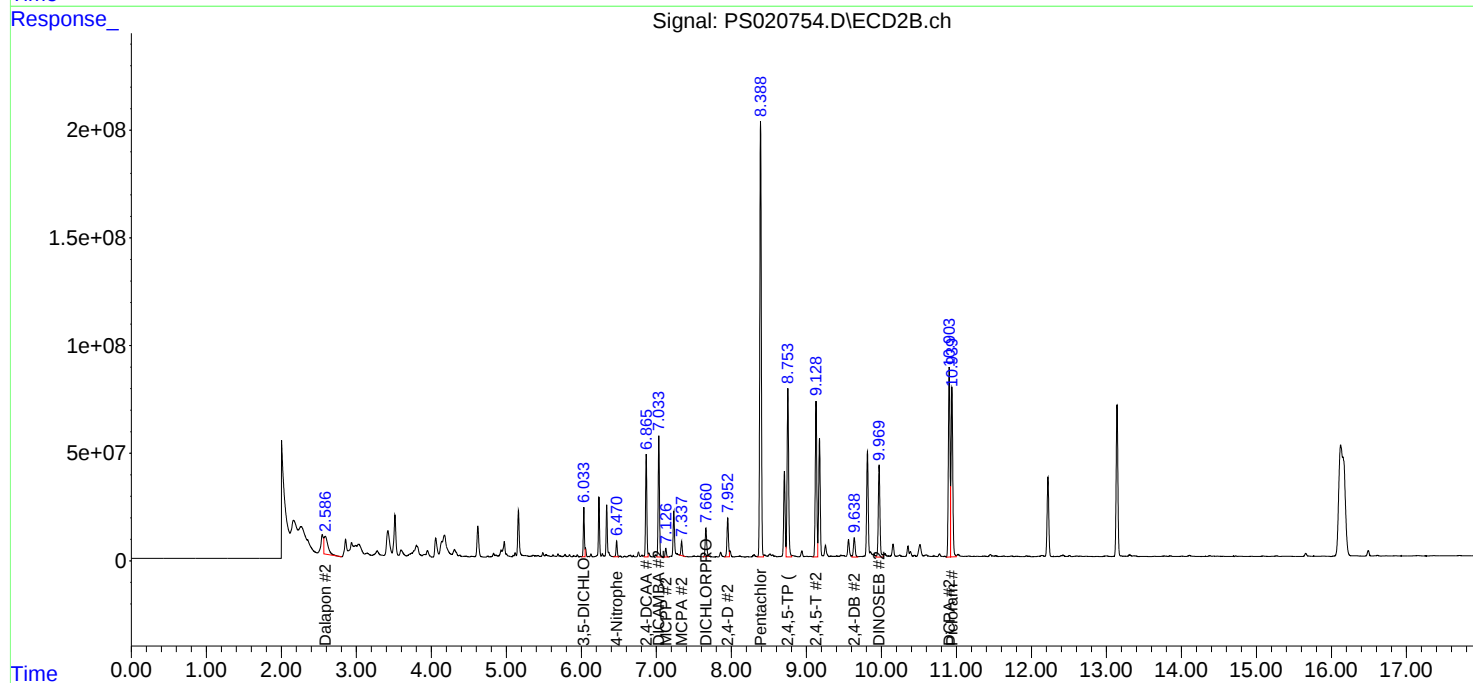
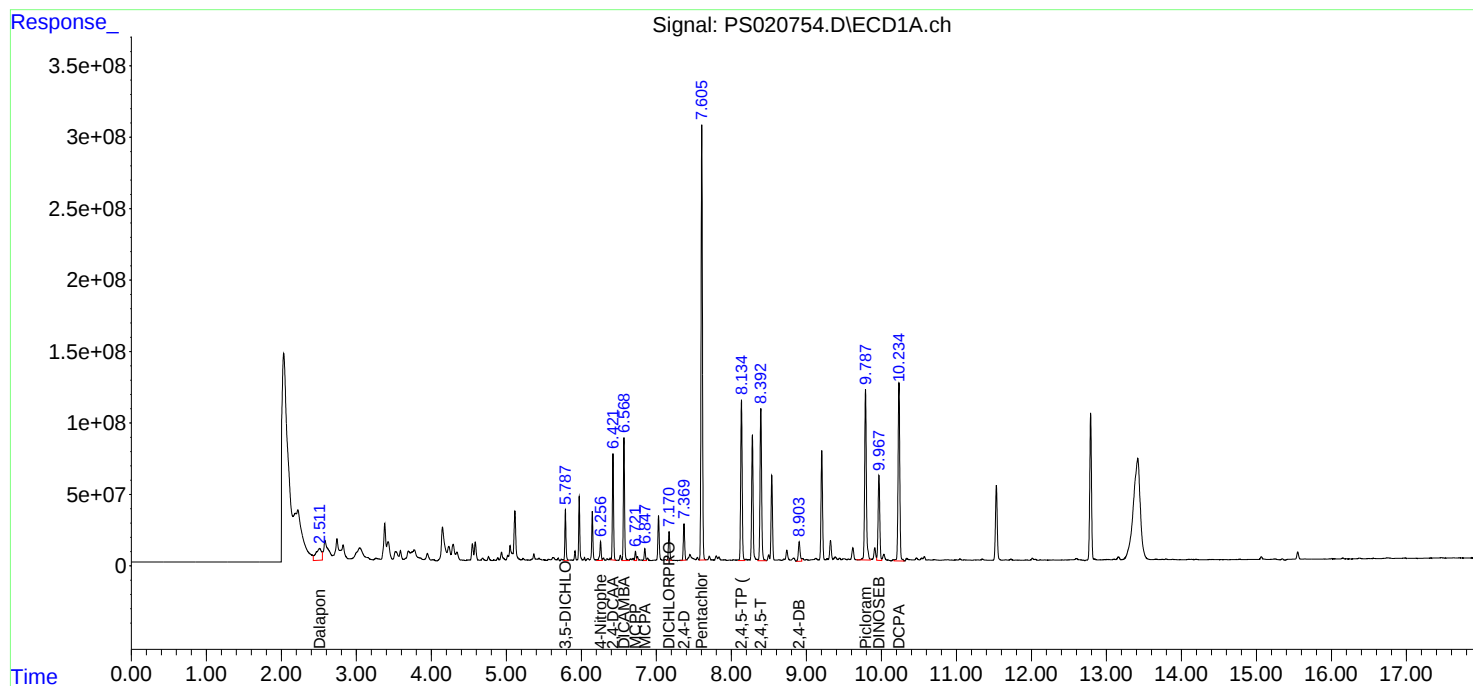
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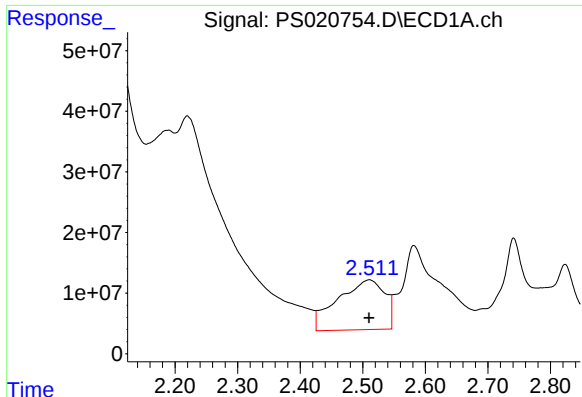
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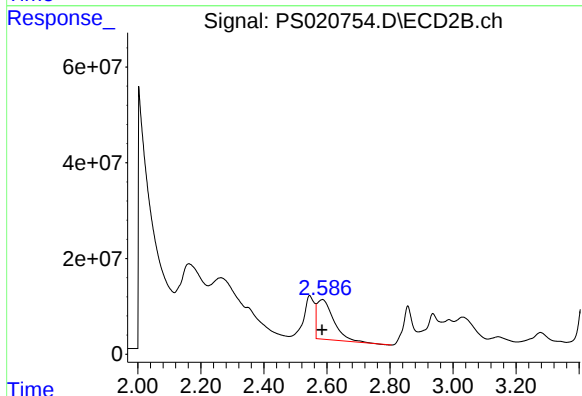
#1 Dalapon

R.T.: 2.511 min
Delta R.T.: 0.000 min
Response: 429436697
Conc: 153.10 ng/ml

Instrument :
ECD_S
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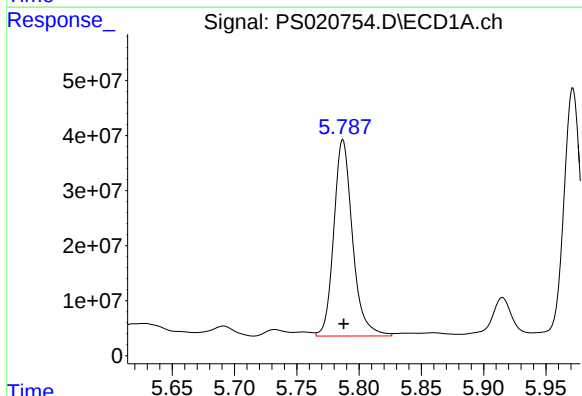
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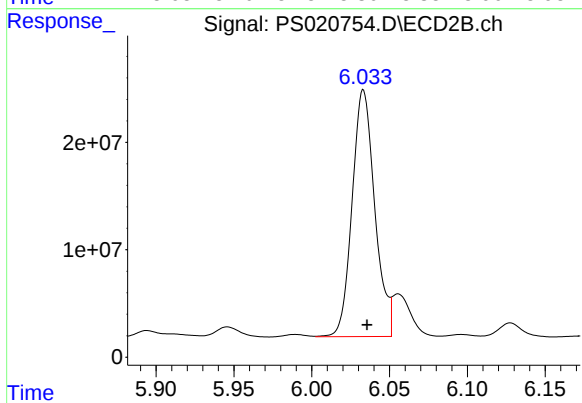
#1 Dalapon

R.T.: 2.586 min
Delta R.T.: 0.001 min
Response: 302023538
Conc: 174.00 ng/ml



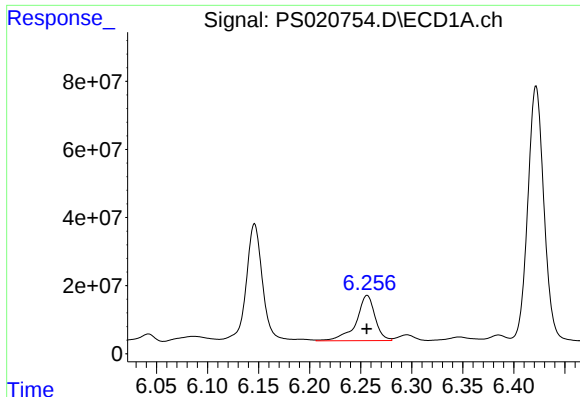
#2 3,5-DICHLOROBENZOIC ACID

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 373480428
Conc: 124.30 ng/ml



#2 3,5-DICHLOROBENZOIC ACID

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 232566612
Conc: 116.02 ng/ml



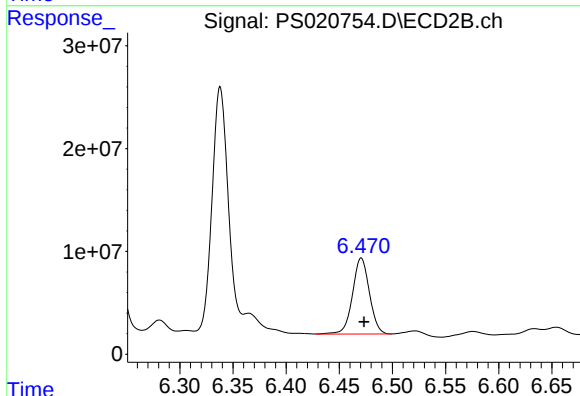
#3 4-Nitrophenol

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 171376899
Conc: 124.49 ng/ml

Instrument :
ECD_S
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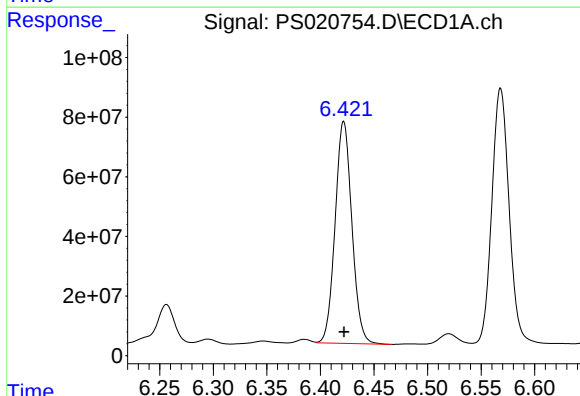
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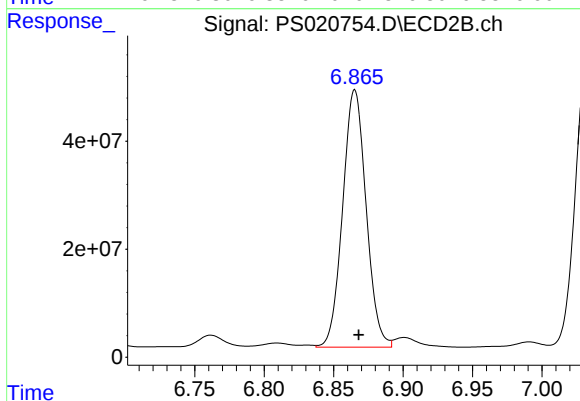
#3 4-Nitrophenol

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 81914360
Conc: 99.35 ng/ml



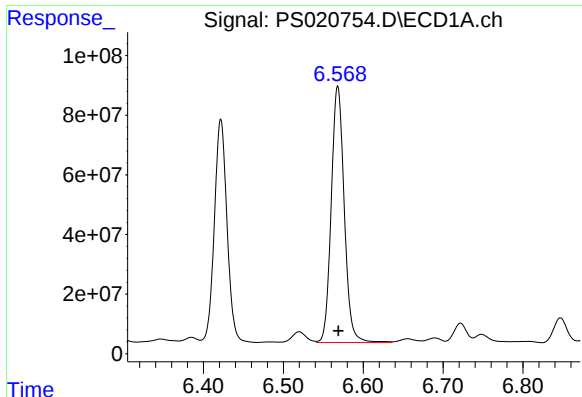
#4 2,4-DCAA

R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 810011417
Conc: 429.38 ng/ml



#4 2,4-DCAA

R.T.: 6.865 min
Delta R.T.: -0.003 min
Response: 560862856
Conc: 418.87 ng/ml



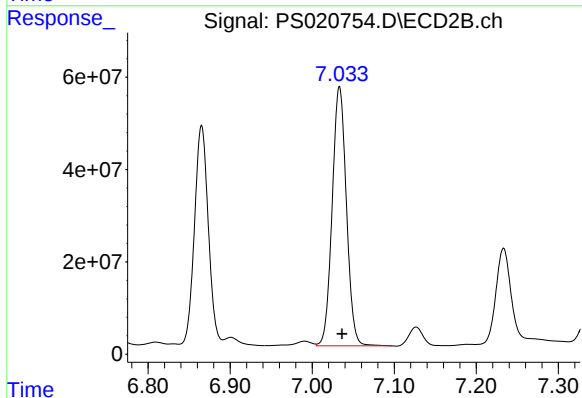
#5 DICAMBA

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 972918753
Conc: 122.38 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

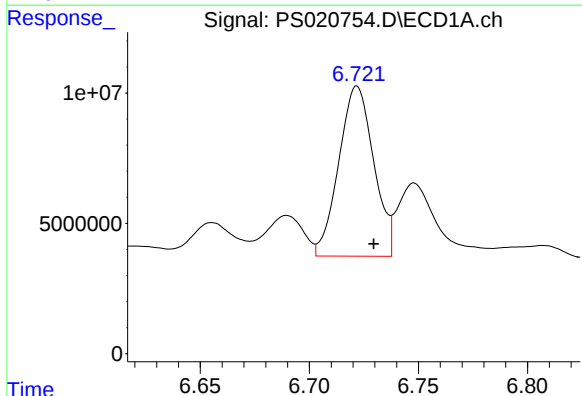
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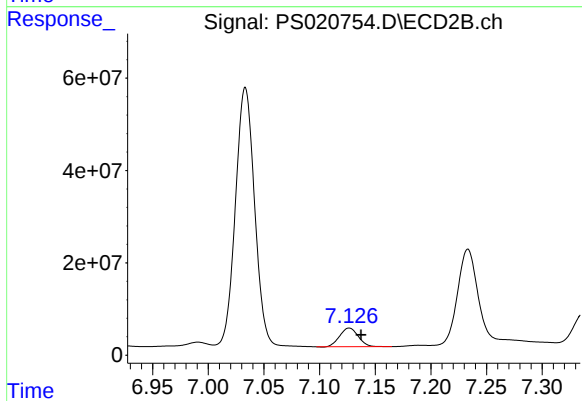
#5 DICAMBA

R.T.: 7.033 min
Delta R.T.: -0.003 min
Response: 675330750
Conc: 114.74 ng/ml



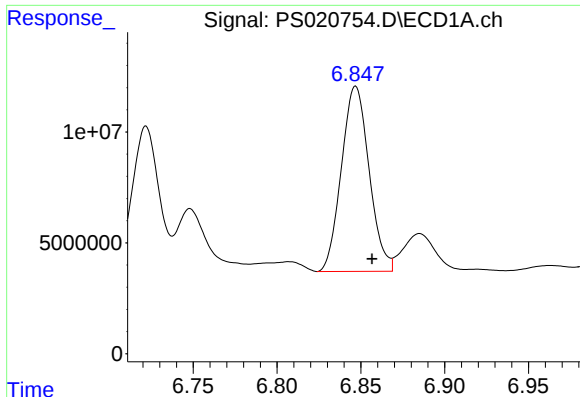
#6 MCP

R.T.: 6.722 min
Delta R.T.: -0.008 min
Response: 72707262
Conc: 12.37 ug/ml



#6 MCP

R.T.: 7.127 min
Delta R.T.: -0.011 min
Response: 46990889
Conc: 10.72 ug/ml



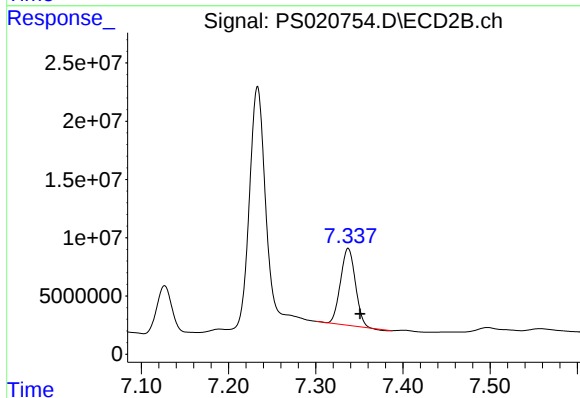
#7 MCPA

R.T.: 6.847 min
Delta R.T.: -0.010 min
Response: 96012827
Conc: 11.27 ug/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

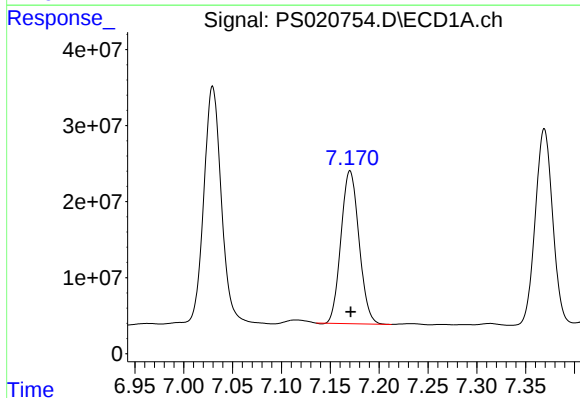
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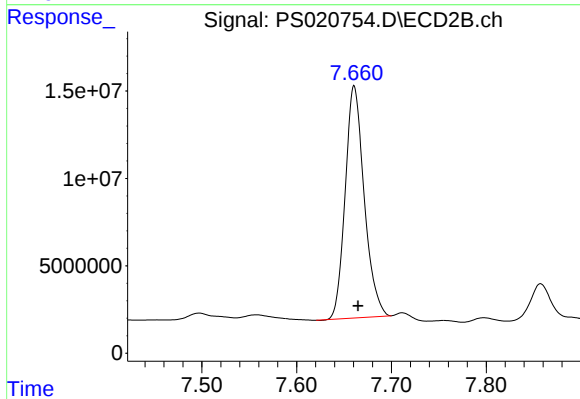
#7 MCPA

R.T.: 7.337 min
Delta R.T.: -0.013 min
Response: 77714604
Conc: 12.83 ug/ml



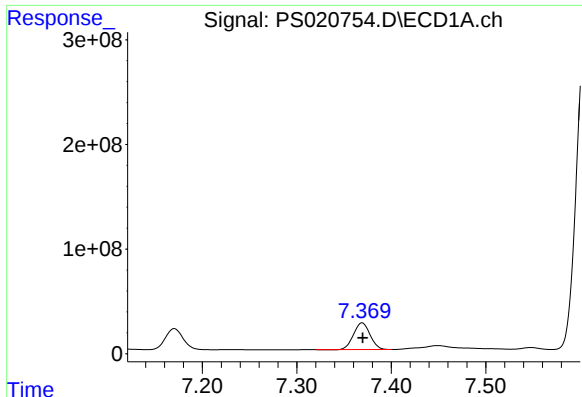
#8 DICHLORPROP

R.T.: 7.170 min
Delta R.T.: 0.000 min
Response: 257757638
Conc: 128.49 ng/ml



#8 DICHLORPROP

R.T.: 7.661 min
Delta R.T.: -0.004 min
Response: 185041813
Conc: 127.57 ng/ml



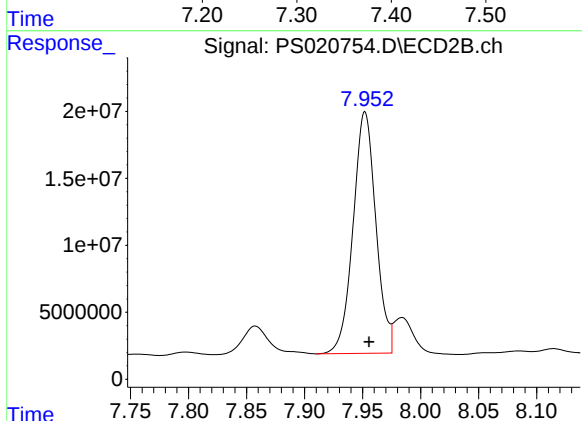
#9 2,4-D

R.T.: 7.369 min
Delta R.T.: 0.000 min
Response: 310589793
Conc: 127.39 ng/ml

Instrument :
ECD_S
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

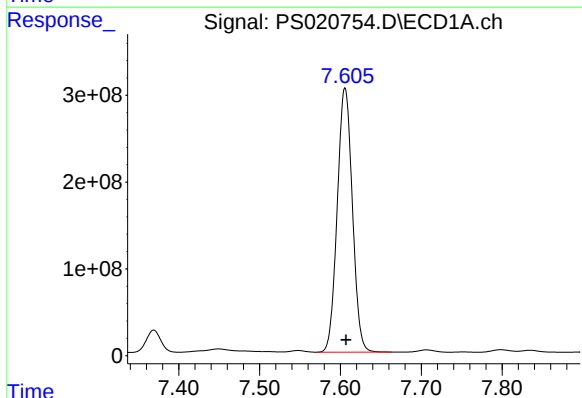
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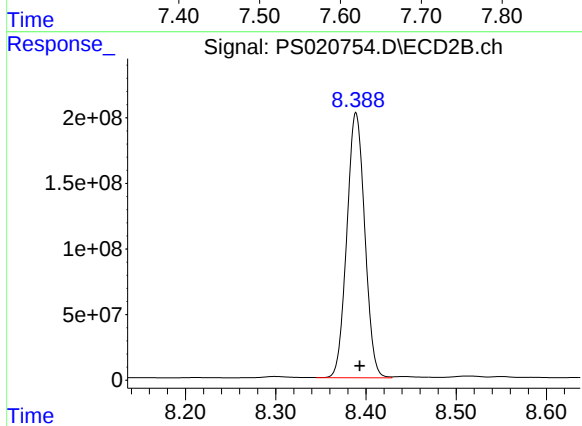
#9 2,4-D

R.T.: 7.952 min
Delta R.T.: -0.003 min
Response: 246485959
Conc: 139.05 ng/ml



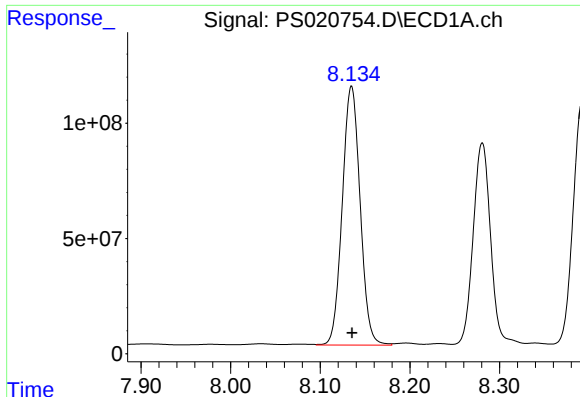
#10 Pentachlorophenol

R.T.: 7.606 min
Delta R.T.: -0.001 min
Response: 3958854123
Conc: 144.18 ng/ml



#10 Pentachlorophenol

R.T.: 8.389 min
Delta R.T.: -0.004 min
Response: 2786467359
Conc: 137.94 ng/ml



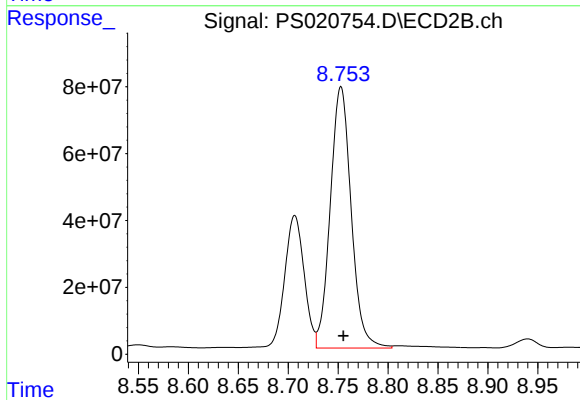
#11 2,4,5-TP (SILVEX)

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 1553799162
Conc: 137.82 ng/ml

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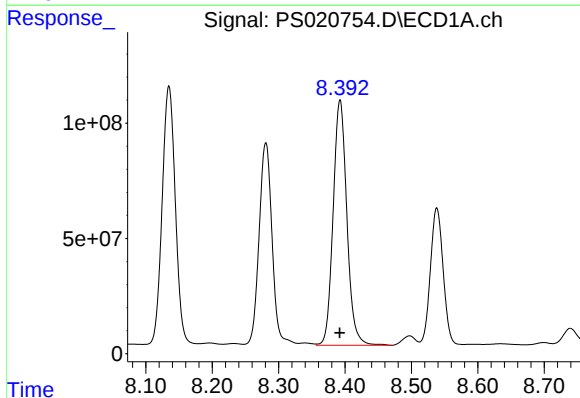
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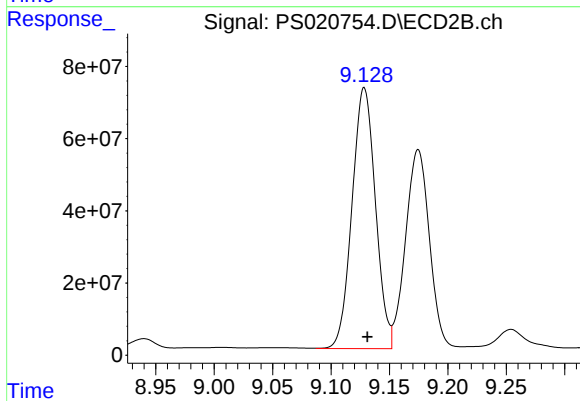
#11 2,4,5-TP (SILVEX)

R.T.: 8.753 min
Delta R.T.: -0.002 min
Response: 1140149228
Conc: 134.57 ng/ml



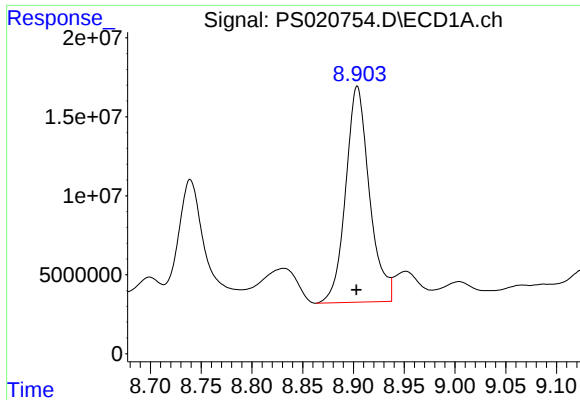
#12 2,4,5-T

R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 1530600403
Conc: 137.71 ng/ml



#12 2,4,5-T

R.T.: 9.128 min
Delta R.T.: -0.003 min
Response: 1008402755
Conc: 123.93 ng/ml



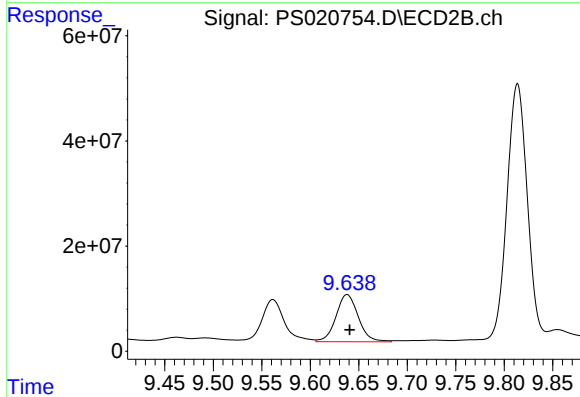
#13 2,4-DB

R.T.: 8.904 min
Delta R.T.: 0.000 min
Response: 222457258
Conc: 97.39 ng/ml

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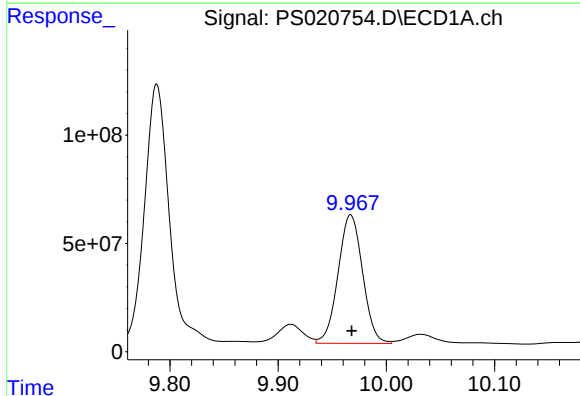
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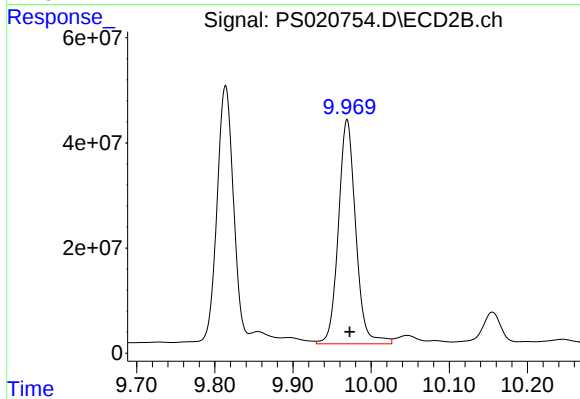
#13 2,4-DB

R.T.: 9.638 min
Delta R.T.: -0.003 min
Response: 143973942
Conc: 128.51 ng/ml



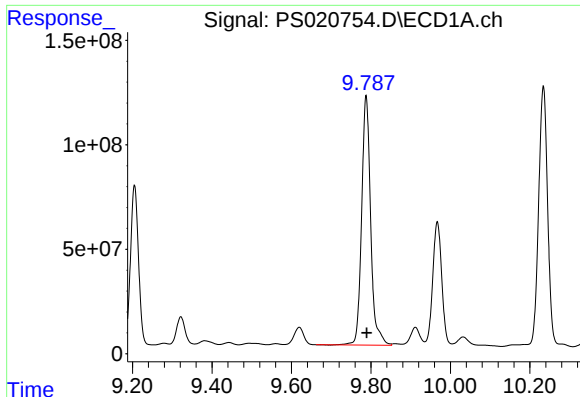
#14 DINOSEB

R.T.: 9.967 min
Delta R.T.: 0.000 min
Response: 935607890
Conc: 114.25 ng/ml



#14 DINOSEB

R.T.: 9.969 min
Delta R.T.: -0.004 min
Response: 657735856
Conc: 108.54 ng/ml



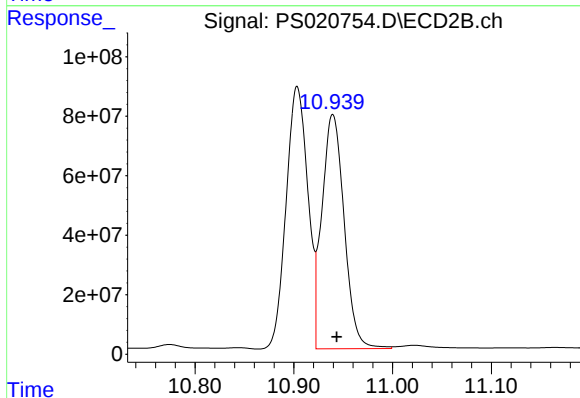
#15 Picloram

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 1888785547
Conc: 113.41 ng/ml

Instrument :
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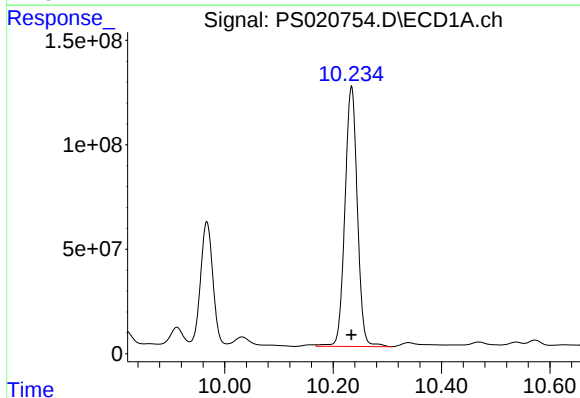
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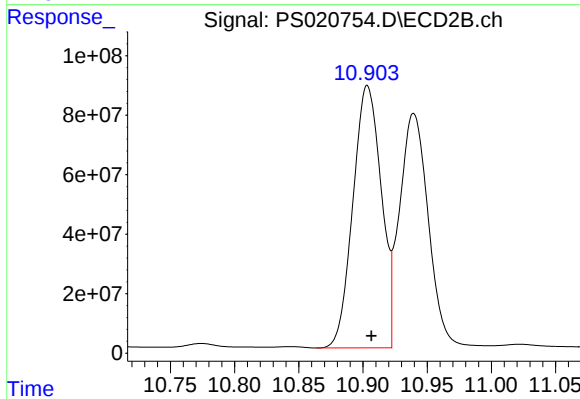
#15 Picloram

R.T.: 10.940 min
Delta R.T.: -0.004 min
Response: 1230831748
Conc: 104.42 ng/ml



#16 DCPA

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 1980948839
Conc: 142.40 ng/ml



#16 DCPA

R.T.: 10.904 min
Delta R.T.: -0.003 min
Response: 1353364729
Conc: 131.73 ng/ml