

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
 Data File : PL081875.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 15:09
 Operator : AR\AJ
 Sample : 02213-07
 Misc : PEST LOD 1PPB
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:30:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.327	2.655	41210047	37780340	17.718	18.927
28) SA Decachlor...	8.747	7.769	33316107	39232416	18.616	19.782
Target Compounds						
2) A alpha-BHC	3.776	3.153	2777782	2789399	0.810	0.957
3) MA gamma-BHC...	4.103	3.480	2399793	2824565	0.755	1.014 #
4) MA Heptachlor	4.683	3.813	2519627	2482643	0.799	0.866
5) MB Aldrin	5.020	4.090	2938325	2520340	1.027	0.946
6) B beta-BHC	4.306	3.778	1960300	1380060	1.302	1.159m
7) B delta-BHC	4.547	4.006	4842450	2298724	1.593	0.889 #
8) B Heptachlo...	5.446	4.592	3571837	2676110	1.313	1.102
9) A Endosulfan I	5.826	4.960	2134863	2449481	0.864	1.110 #
10) B gamma-Chl...	5.700	4.841	2587414	2900794	0.986	1.194
11) B alpha-Chl...	5.778	4.904	2337838	2733313	0.903	1.125
12) B 4,4'-DDE	5.956	5.094	2179995	1876913	0.967	0.953
13) MA Dieldrin	6.101	5.223	2541055	2291462	1.050	1.019
14) MA Endrin	6.327	5.498	1874452	1989915	0.886	0.983
15) B Endosulfa...	6.549	5.793	2112430	2554438	0.995	1.408m#
16) A 4,4'-DDD	6.469	5.649	2751164	1573737	1.525m	1.037 #
17) MA 4,4'-DDT	6.781	5.897	1650858	1551608	0.813m	0.900
18) B Endrin al...	6.679	5.974	1794589	1849073	1.097	1.191
19) B Endosulfa...	6.913	6.197	2117815	2126289	1.016	1.093
20) A Methoxychlor	7.263	6.477	1216688	987557	1.130	0.991
21) B Endrin ke...	7.393	6.702	2316342	2407984	1.106	1.127
22) Mirex	7.859	6.874	1805153	2159908	1.054	1.125

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
Data File : PL081875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Apr 2023 15:09
Operator : AR\AJ
Sample : 02213-07
Misc : PEST LOD 1PPB
ALS Vial : 15 Sample Multiplier: 1

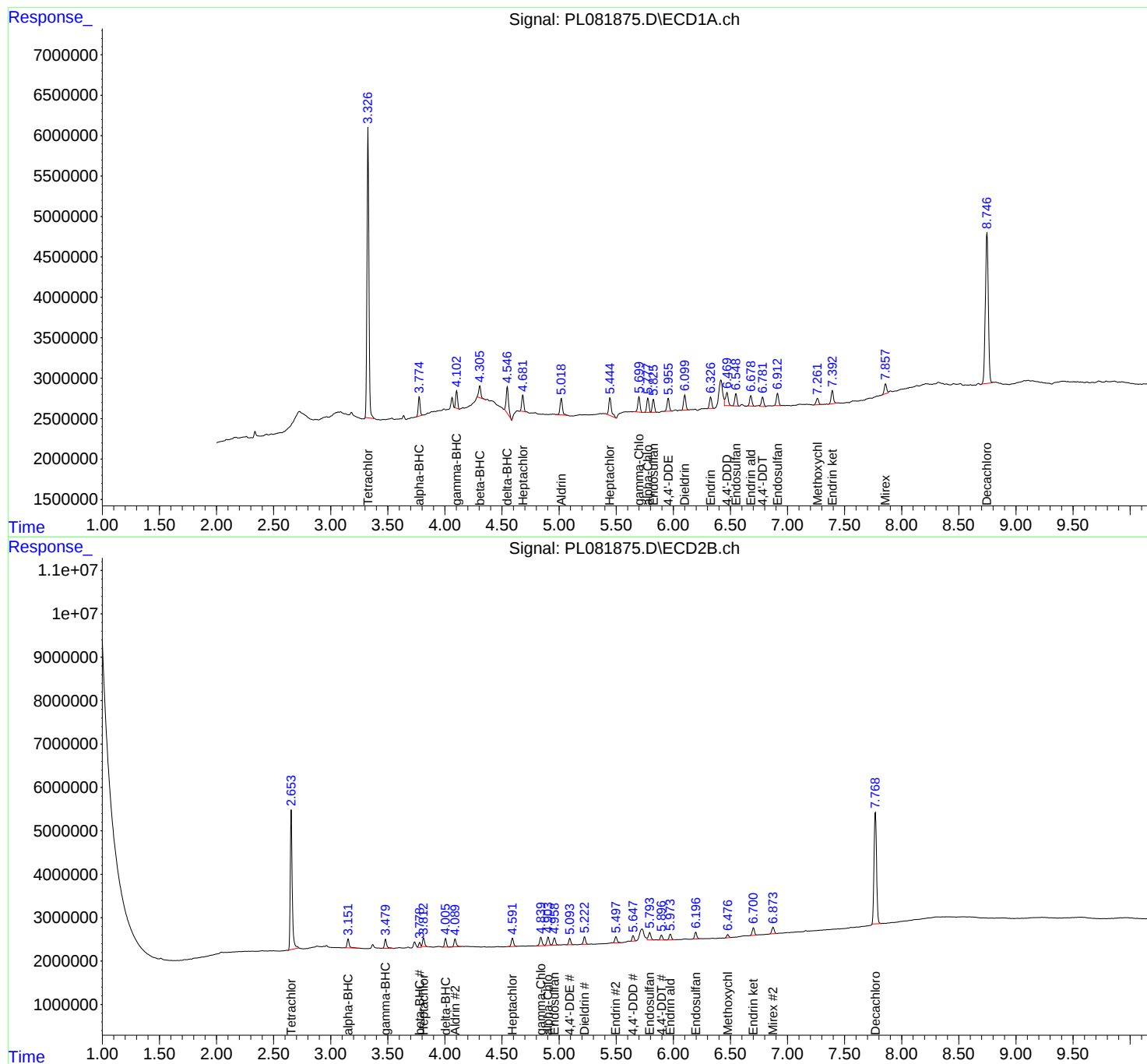
Instrument :
ECD_L
ClientSampleId :
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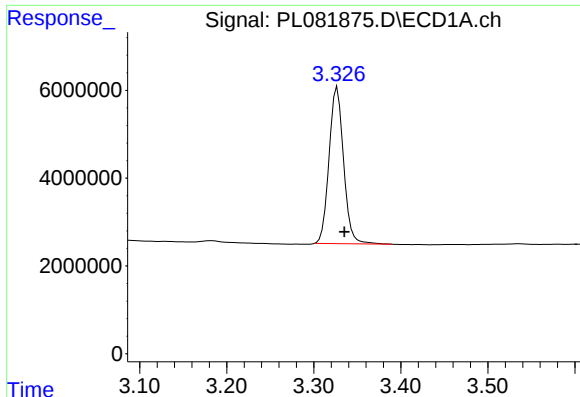
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 21:30:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 2023
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





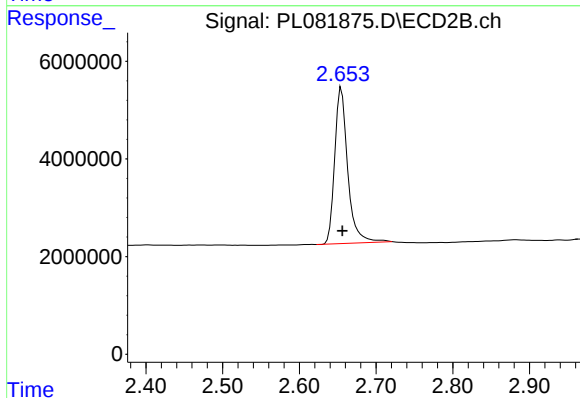
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 41210047
Conc: 17.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

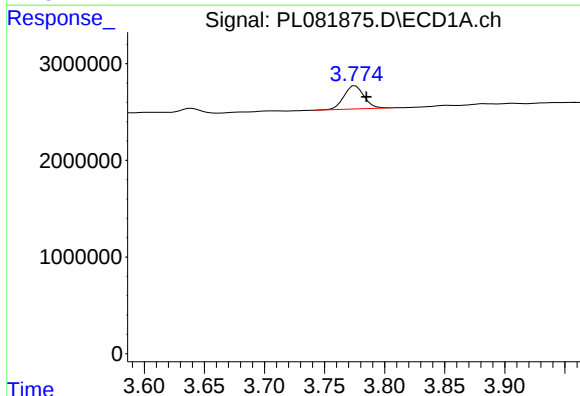
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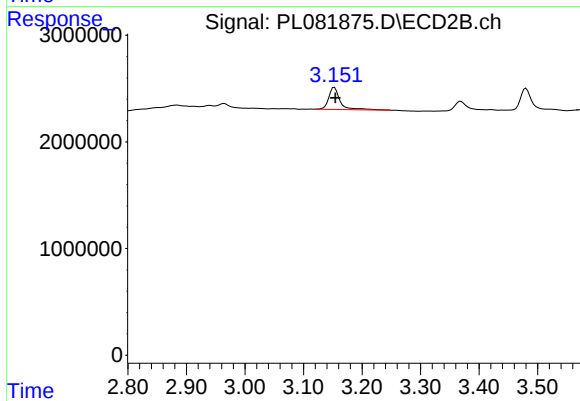
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: -0.001 min
Response: 37780340
Conc: 18.93 ng/ml



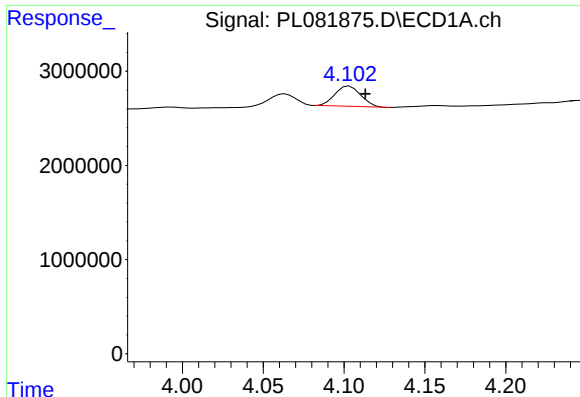
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 2777782
Conc: 0.81 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: -0.002 min
Response: 2789399
Conc: 0.96 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.010 min
Response: 2399793
Conc: 0.76 ng/ml

Instrument :
ECD_L
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#3 gamma-BHC (Lindane)

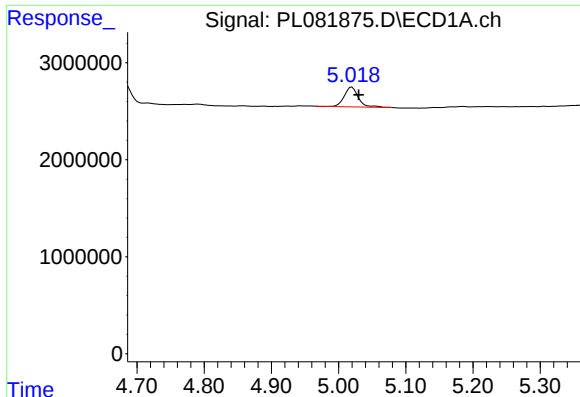
R.T.: 3.480 min
Delta R.T.: -0.003 min
Response: 2824565
Conc: 1.01 ng/ml

#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: -0.011 min
Response: 2519627
Conc: 0.80 ng/ml

#4 Heptachlor

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 2482643
Conc: 0.87 ng/ml



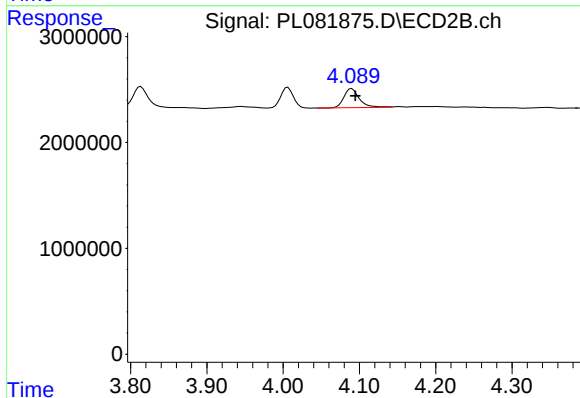
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: -0.010 min
Response: 2938325
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

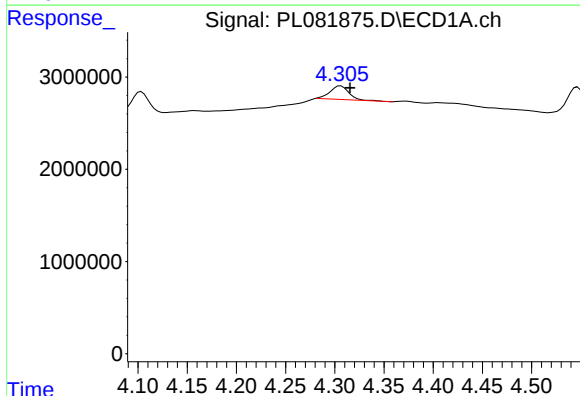
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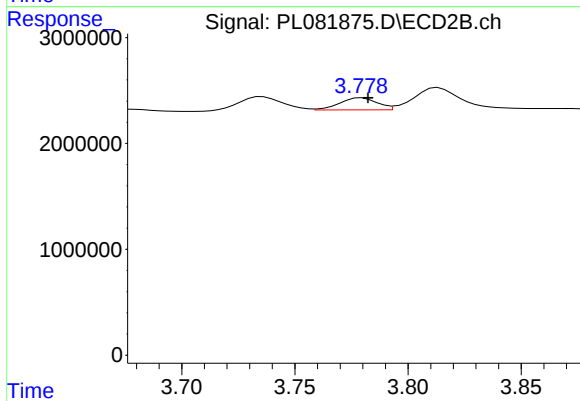
#5 Aldrin

R.T.: 4.090 min
Delta R.T.: -0.005 min
Response: 2520340
Conc: 0.95 ng/ml



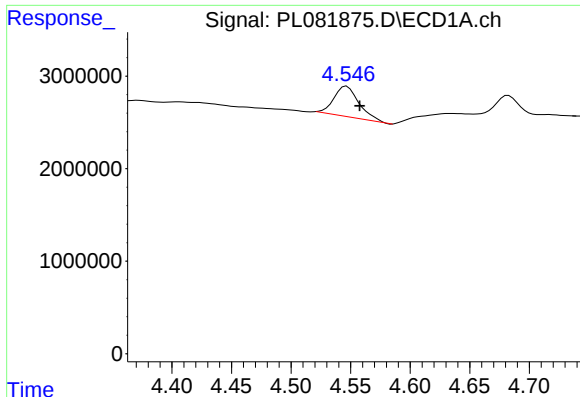
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 1960300
Conc: 1.30 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 1380060
Conc: 1.16 ng/ml m



#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.011 min
Response: 4842450
Conc: 1.59 ng/ml

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#7 delta-BHC

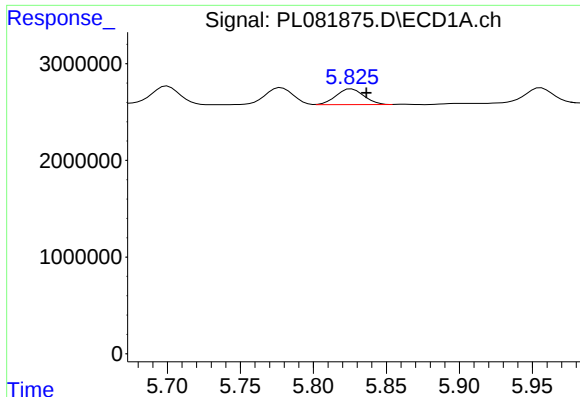
R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 2298724
Conc: 0.89 ng/ml

#8 Heptachlor epoxide

R.T.: 5.446 min
Delta R.T.: -0.011 min
Response: 3571837
Conc: 1.31 ng/ml

#8 Heptachlor epoxide

R.T.: 4.592 min
Delta R.T.: -0.006 min
Response: 2676110
Conc: 1.10 ng/ml



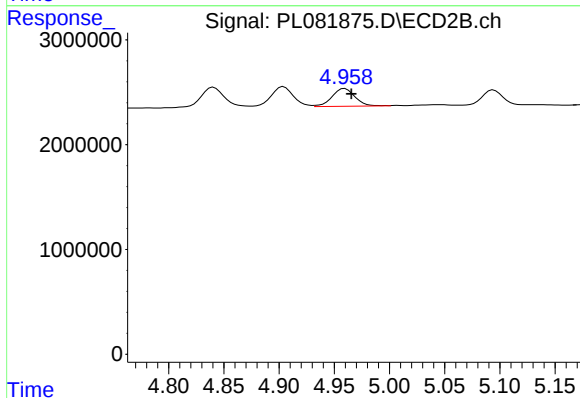
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.010 min
Response: 2134863
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

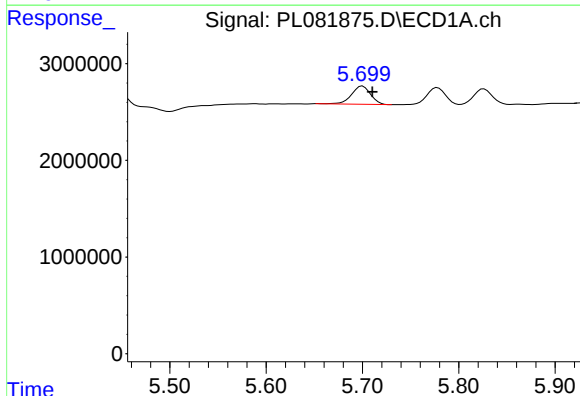
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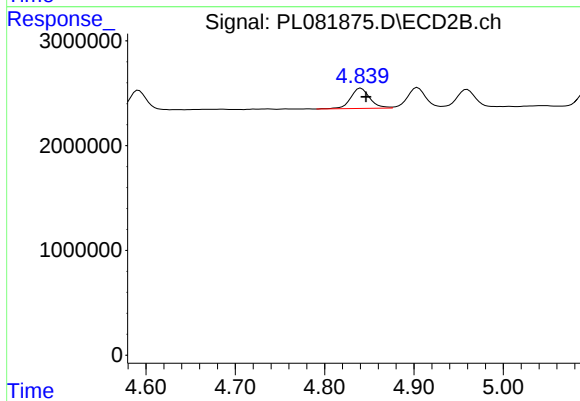
#9 Endosulfan I

R.T.: 4.960 min
Delta R.T.: -0.006 min
Response: 2449481
Conc: 1.11 ng/ml



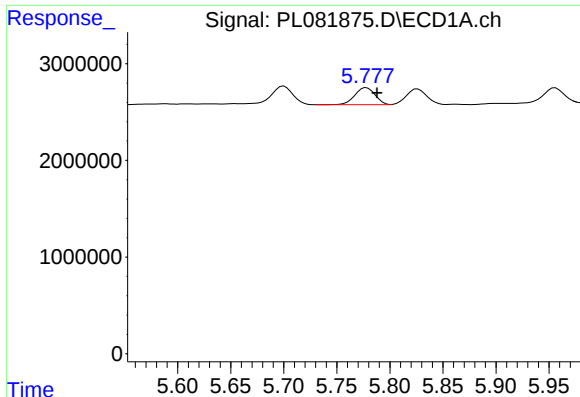
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 2587414
Conc: 0.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.841 min
Delta R.T.: -0.006 min
Response: 2900794
Conc: 1.19 ng/ml



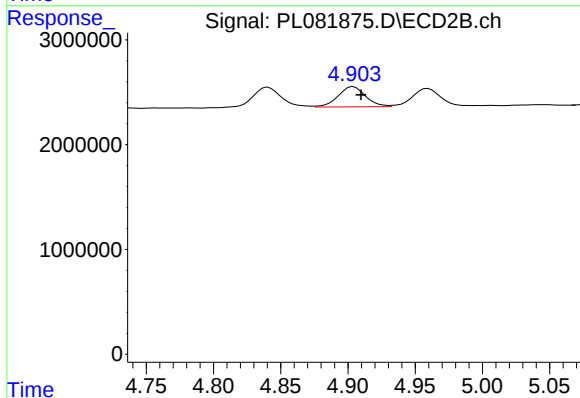
#11 alpha-Chlordane

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 2337838
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

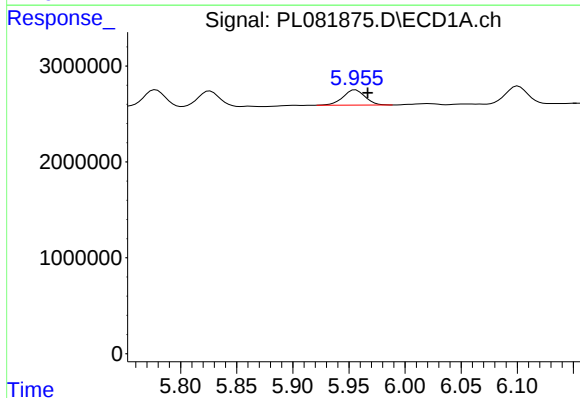
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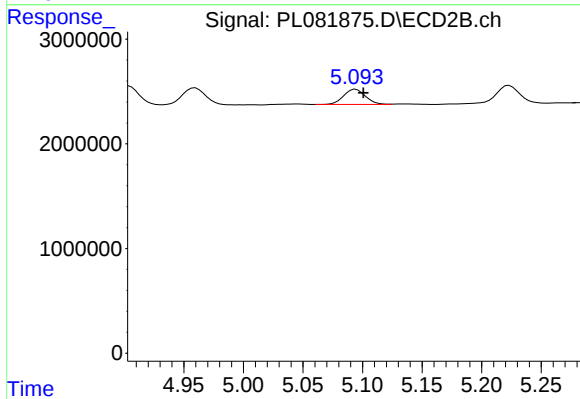
#11 alpha-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 2733313
Conc: 1.13 ng/ml



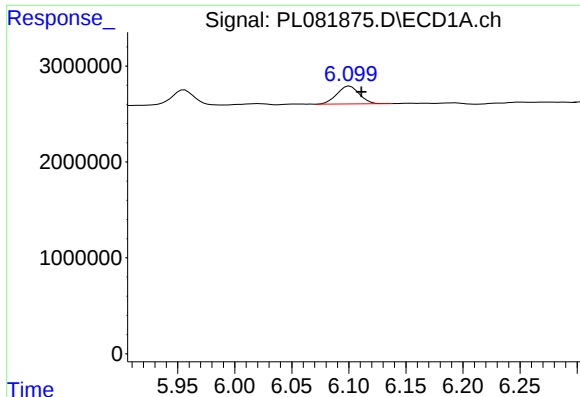
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 2179995
Conc: 0.97 ng/ml



#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.006 min
Response: 1876913
Conc: 0.95 ng/ml



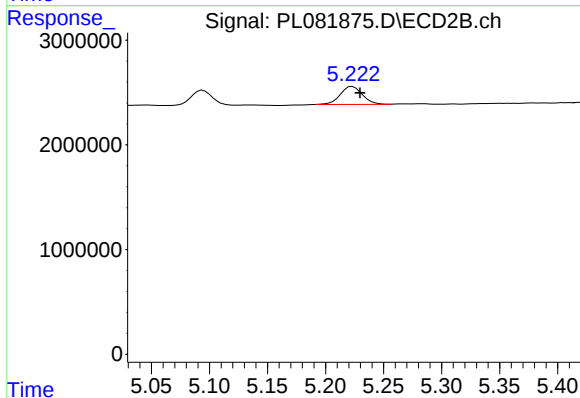
#13 Dieldrin

R.T.: 6.101 min
Delta R.T.: -0.010 min
Response: 2541055
Conc: 1.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

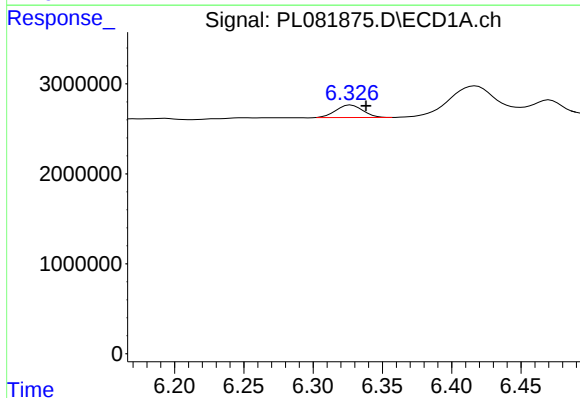
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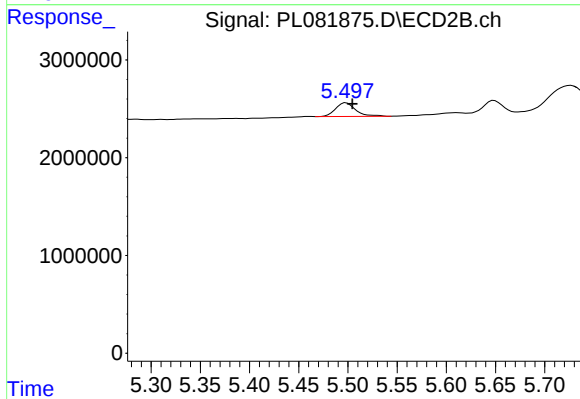
#13 Dieldrin

R.T.: 5.223 min
Delta R.T.: -0.006 min
Response: 2291462
Conc: 1.02 ng/ml



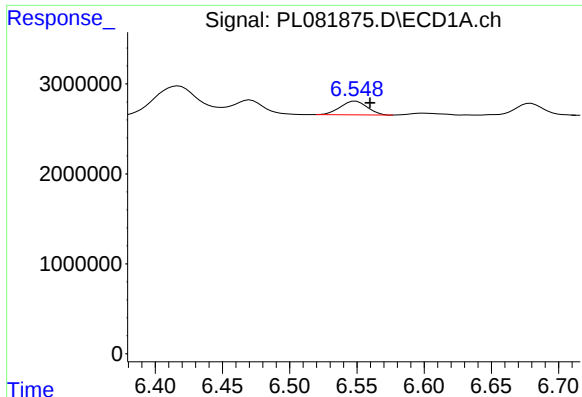
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 1874452
Conc: 0.89 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 1989915
Conc: 0.98 ng/ml



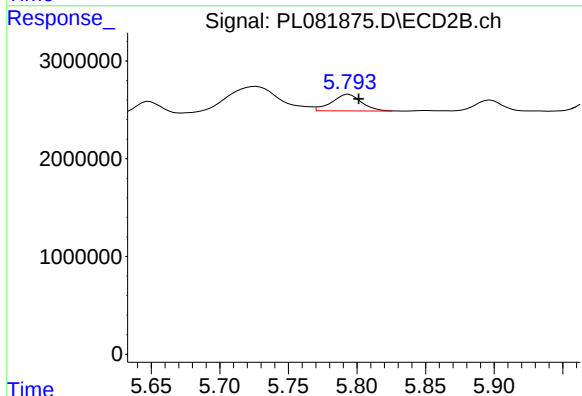
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 2112430
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

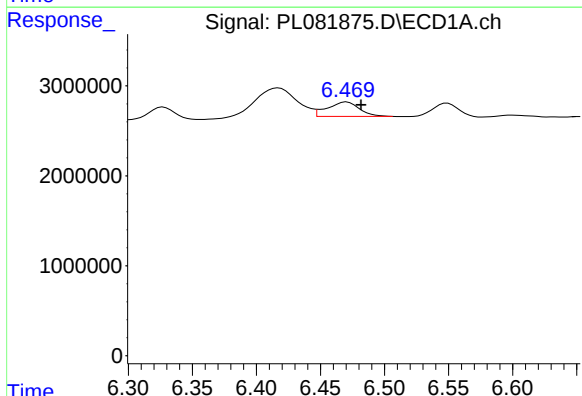
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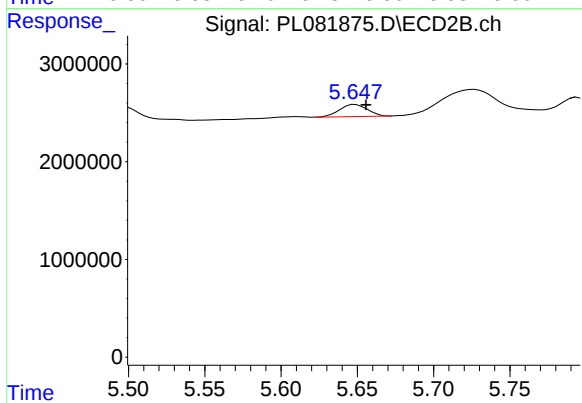
#15 Endosulfan II

R.T.: 5.793 min
Delta R.T.: -0.008 min
Response: 2554438
Conc: 1.41 ng/ml m



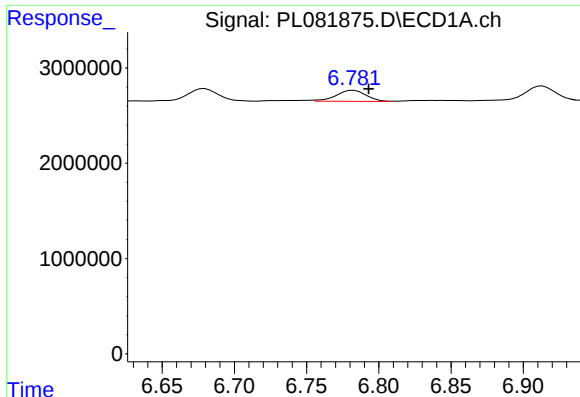
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: -0.012 min
Response: 2751164
Conc: 1.53 ng/ml m



#16 4,4'-DDD

R.T.: 5.649 min
Delta R.T.: -0.007 min
Response: 1573737
Conc: 1.04 ng/ml



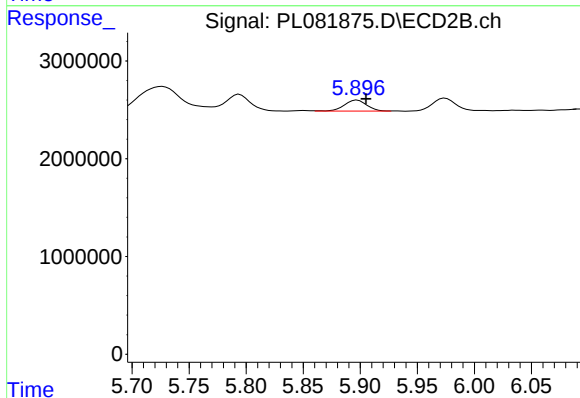
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: -0.012 min
Response: 1650858
Conc: 0.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
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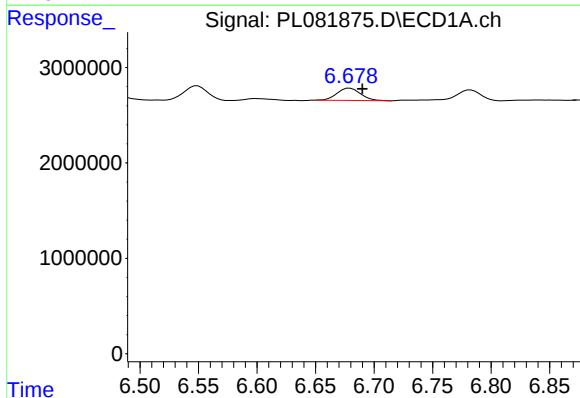
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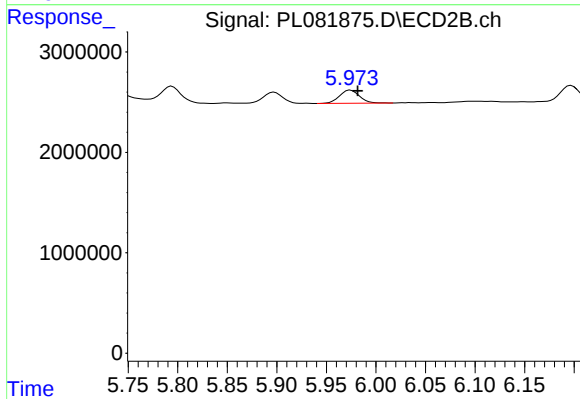
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 1551608
Conc: 0.90 ng/ml



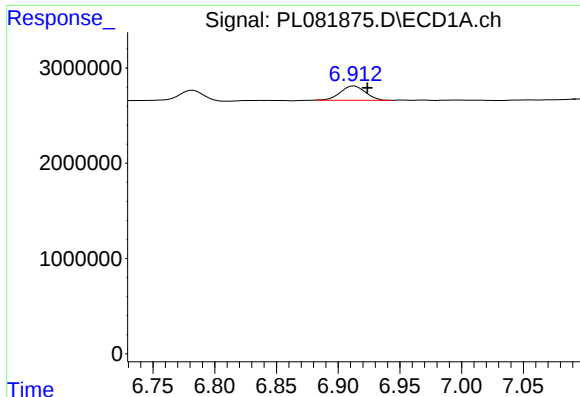
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 1794589
Conc: 1.10 ng/ml



#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 1849073
Conc: 1.19 ng/ml



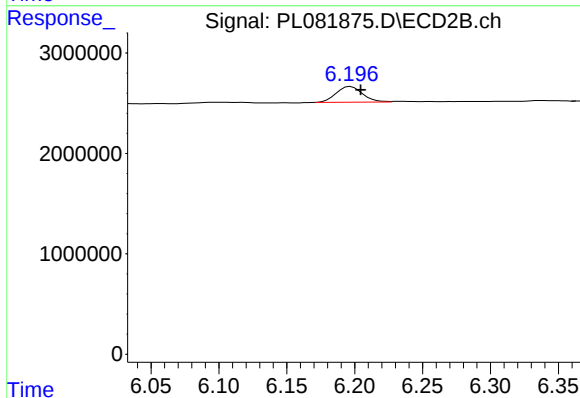
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: -0.010 min
Response: 2117815
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

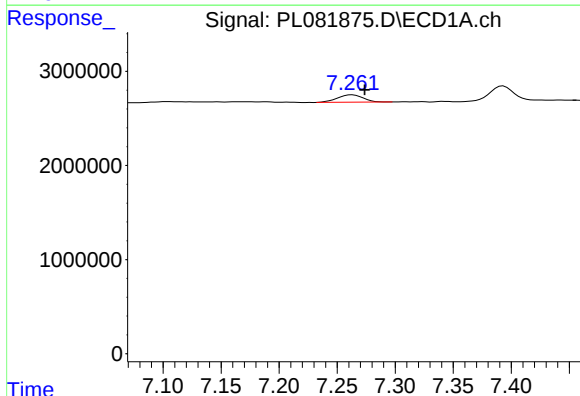
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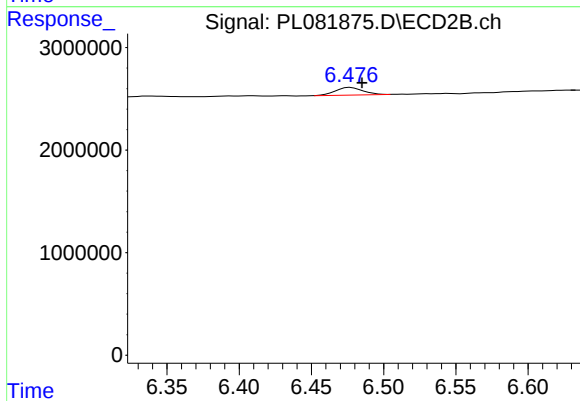
#19 Endosulfan Sulfate

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 2126289
Conc: 1.09 ng/ml



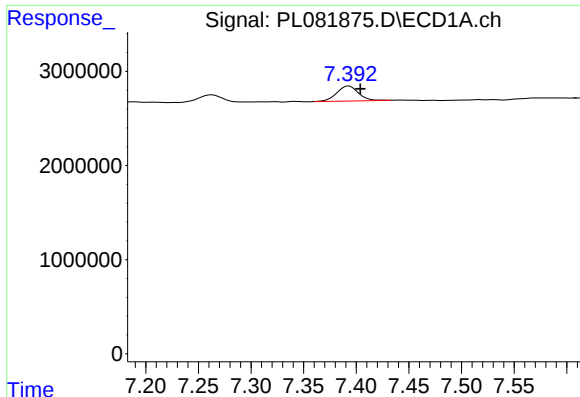
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 1216688
Conc: 1.13 ng/ml



#20 Methoxychlor

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 987557
Conc: 0.99 ng/ml



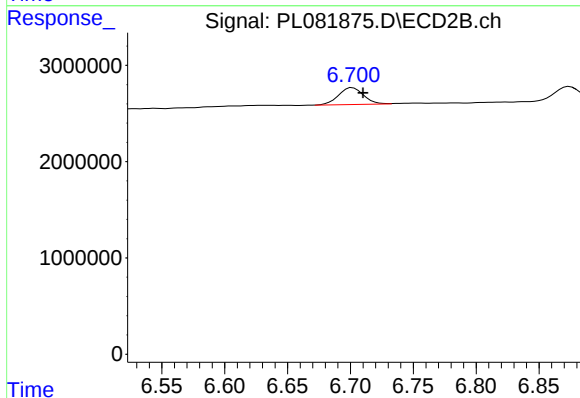
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 2316342
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
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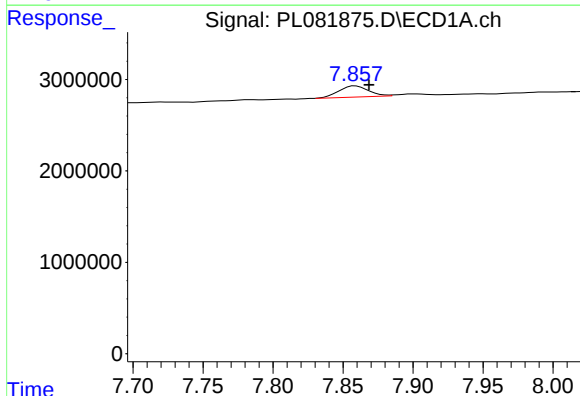
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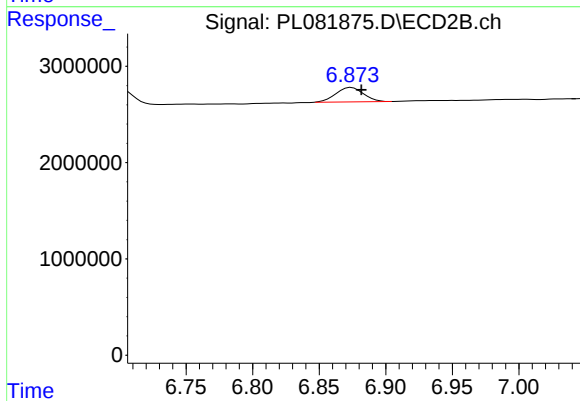
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 2407984
Conc: 1.13 ng/ml



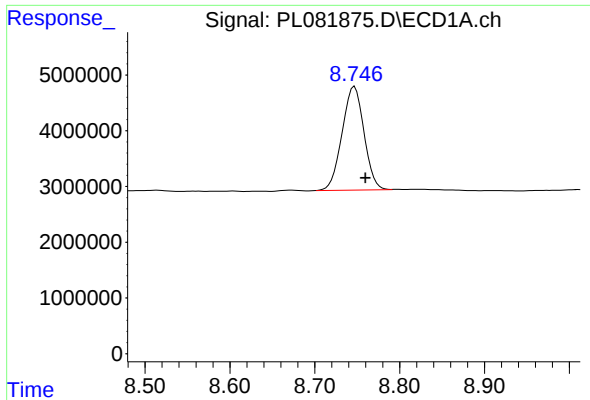
#22 Mirex

R.T.: 7.859 min
Delta R.T.: -0.010 min
Response: 1805153
Conc: 1.05 ng/ml



#22 Mirex

R.T.: 6.874 min
Delta R.T.: -0.007 min
Response: 2159908
Conc: 1.13 ng/ml



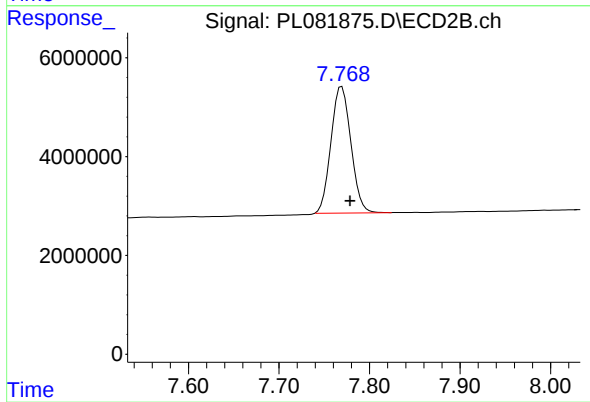
#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: -0.013 min
Response: 33316107
Conc: 18.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.009 min
Response: 39232416
Conc: 19.78 ng/ml