

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
 Data File : PL084598.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 09:02
 Operator : AR\AJ
 Sample : 03572-07
 Misc : PEST LOD 1PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:49:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.481	2.687	38380748	18255320	16.519	16.788
2)	SA Decachlor...	9.031	7.870	31145346	23233810	19.142	18.635
Target Compounds							
2)	A alpha-BHC	3.939	3.192	2320316	1277774	0.703	0.828
3)	MA gamma-BHC...	4.273	3.522	2713564	1362555	0.851	0.897
4)	MA Heptachlor	4.863	3.862	3533216	1320977	1.051m	0.928m
5)	MB Aldrin	5.207	4.143	3221437	1296909	0.975	0.892
6)	B beta-BHC	4.473	3.823	1919056	703361	1.374	1.050m
7)	B delta-BHC	4.718	4.052	4623387	1298662	1.434m	0.855 #
8)	B Heptachlo...	5.635	4.650	3436296	1376449	1.141m	1.037
9)	A Endosulfan I	6.022	5.020	2626814	1319370	0.998m	1.065
10)	B gamma-Chl...	5.894	4.902	3104321	1465320	1.084	1.080
11)	B alpha-Chl...	5.974	4.967	2942657	1489939	1.042	1.094
12)	B 4,4'-DDE	6.153	5.165	2248524	1108040	0.980	0.900
13)	MA Dieldrin	6.298	5.287	2741770	1302768	1.038m	0.959
14)	MA Endrin	6.530	5.561	2143895	1197704	0.983	0.979m
15)	B Endosulfa...	6.749	5.859	2565993	1222260	1.213	1.013m
16)	A 4,4'-DDD	6.672	5.722	1660261	898262	0.990	0.869m
17)	MA 4,4'-DDT	6.987	5.975	1934140	1021005	1.032	0.880
18)	B Endrin al...	6.881	6.042	1947908	1107942	1.155	1.117
19)	B Endosulfa...	7.116	6.267	2349571	1287575	1.176	1.083
20)	A Methoxychlor	7.470	6.560	973301	707409	1.014	1.031
21)	B Endrin ke...	7.601	6.772	2159437	1428434	1.079	0.990
22)	Mirex	8.076	6.952	1990867	1287857	1.199	1.117

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
Data File : PL084598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 09:02
Operator : AR\AJ
Sample : 03572-07
Misc : PEST LOD 1PPB
ALS Vial : 6 Sample Multiplier: 1

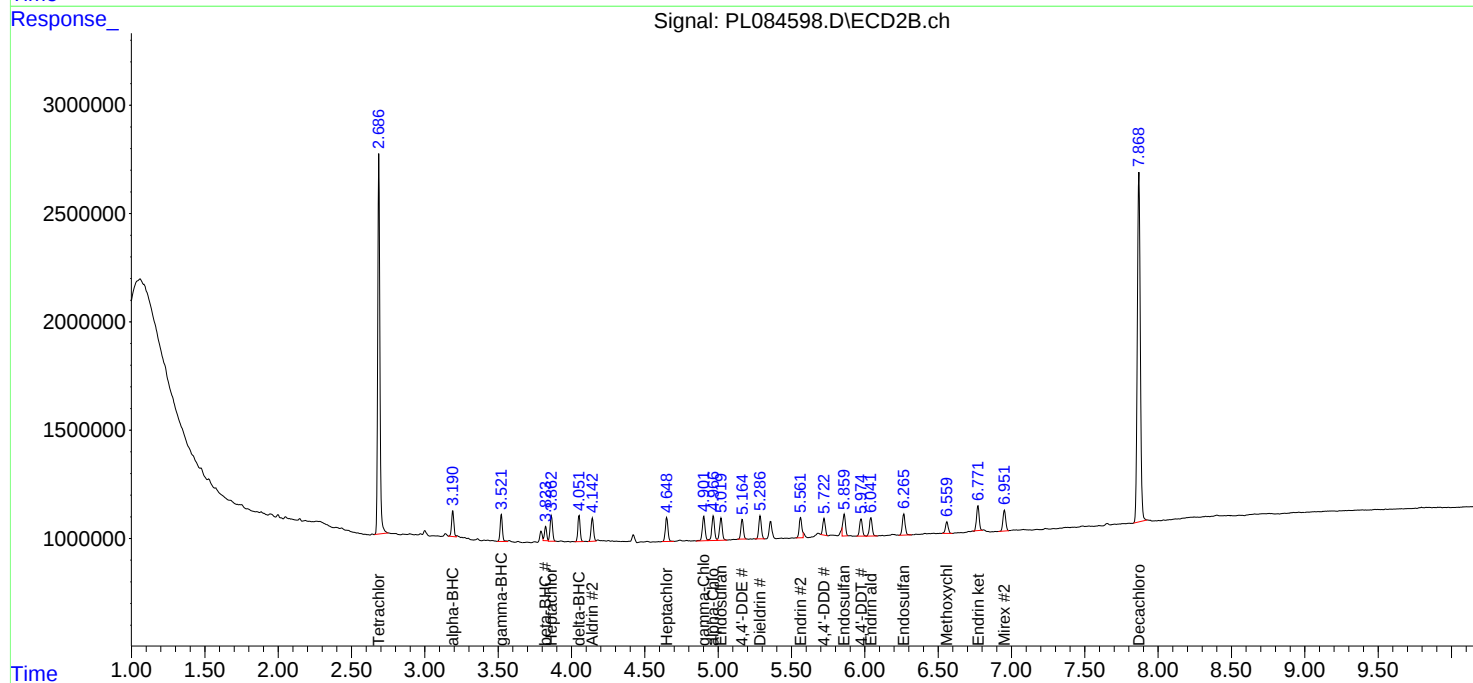
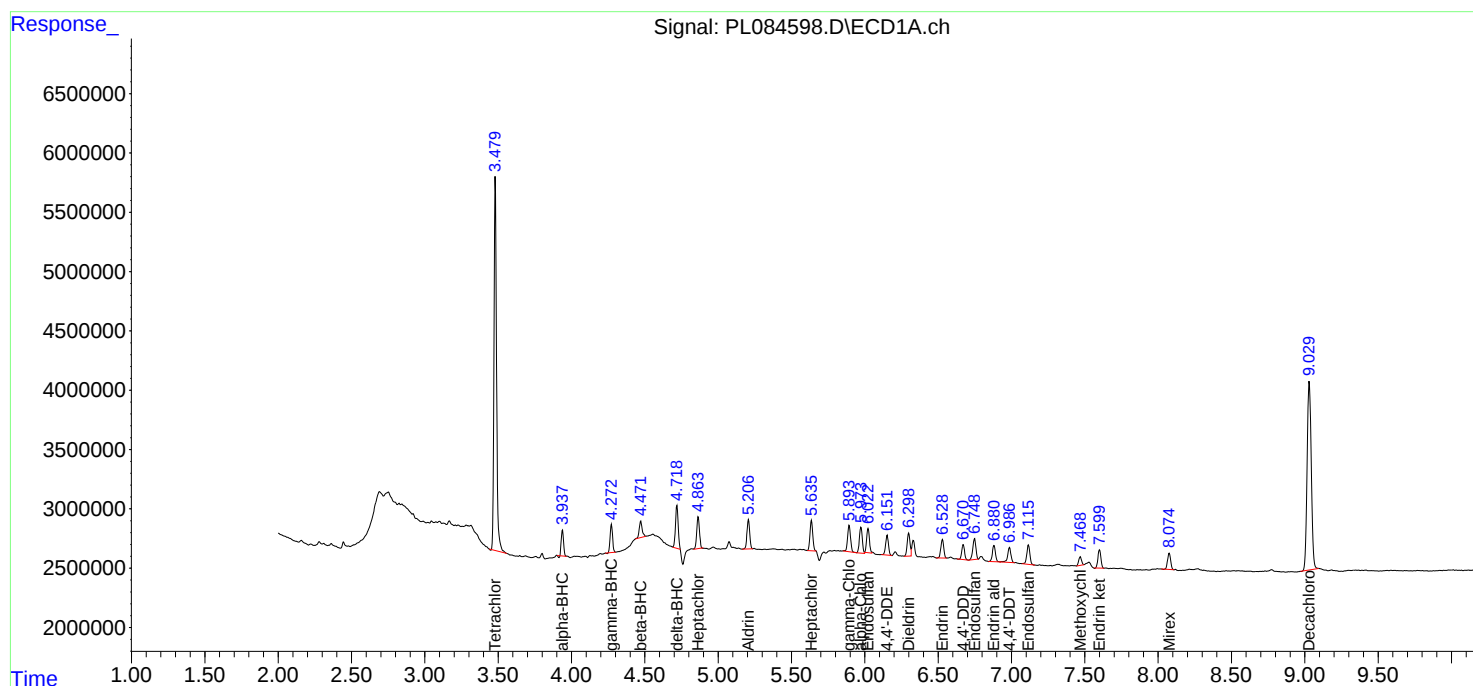
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

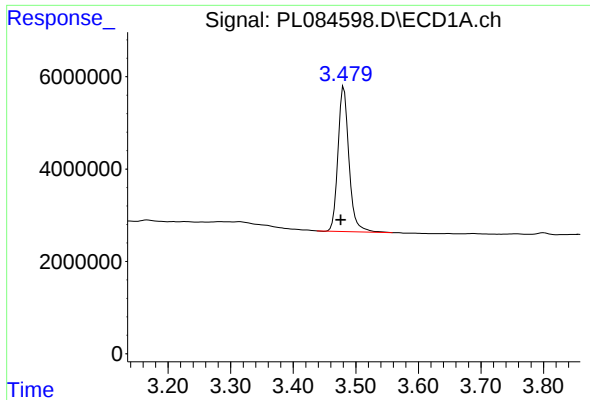
Manual Integrations
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Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:49:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





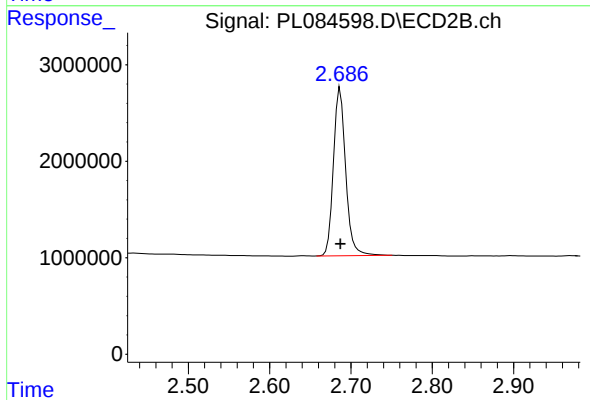
#1 Tetrachloro-m-xylene

R.T.: 3.481 min
Delta R.T.: 0.005 min
Response: 38380748
Conc: 16.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
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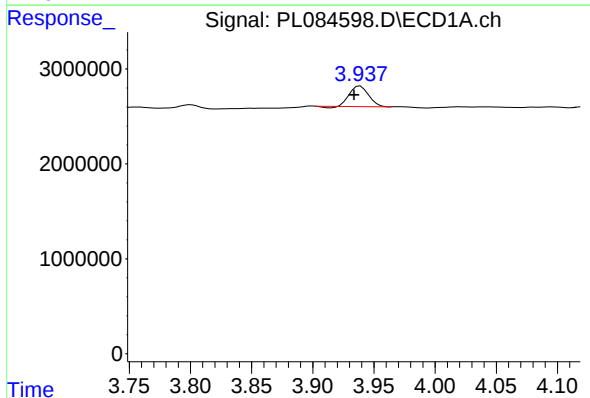
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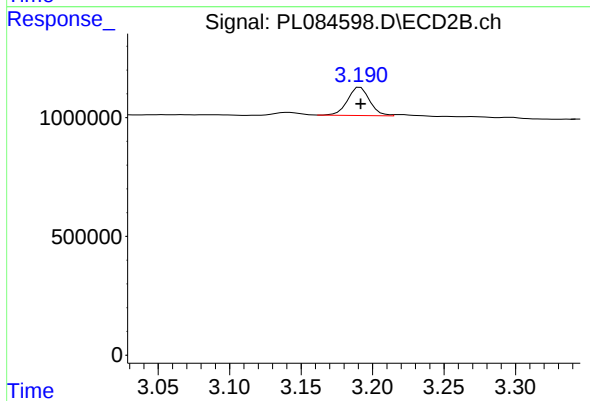
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 18255320
Conc: 16.79 ng/ml



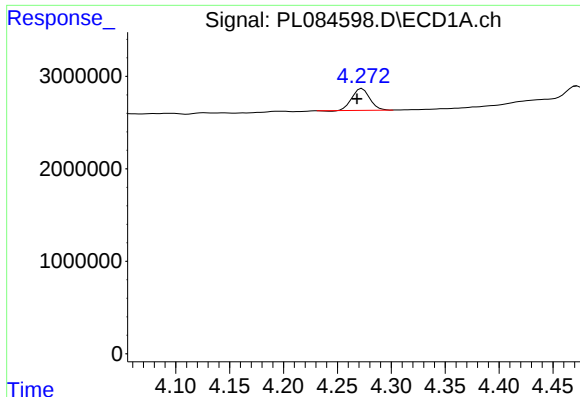
#2 alpha-BHC

R.T.: 3.939 min
Delta R.T.: 0.005 min
Response: 2320316
Conc: 0.70 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 1277774
Conc: 0.83 ng/ml



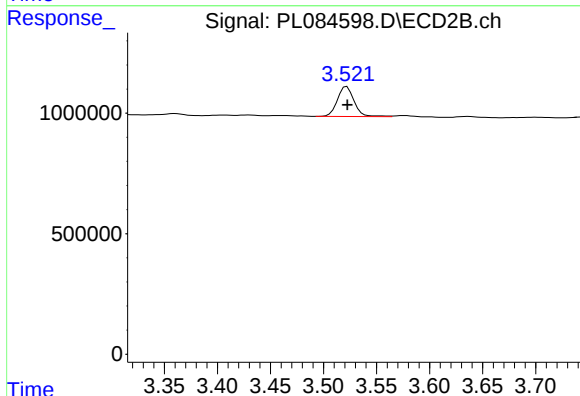
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: 0.005 min
Response: 2713564
Conc: 0.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

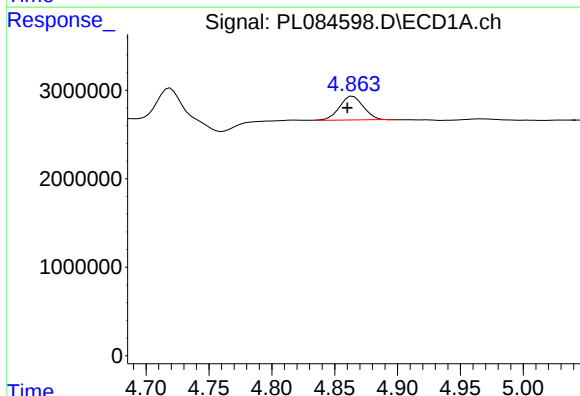
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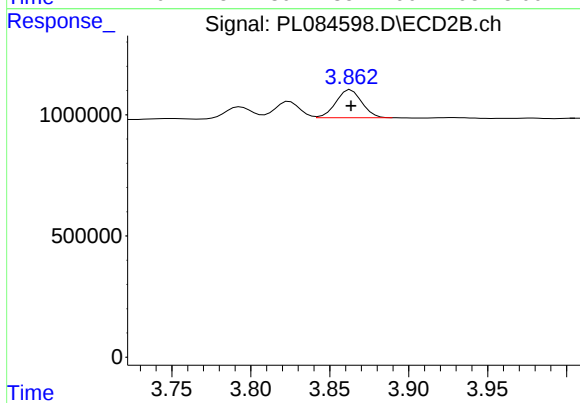
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: 0.000 min
Response: 1362555
Conc: 0.90 ng/ml



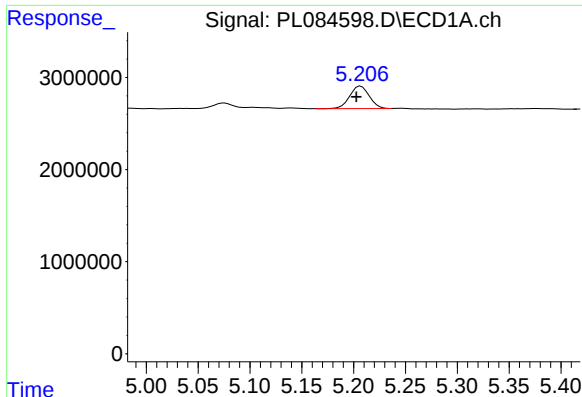
#4 Heptachlor

R.T.: 4.863 min
Delta R.T.: 0.003 min
Response: 3533216
Conc: 1.05 ng/ml m



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: -0.001 min
Response: 1320977
Conc: 0.93 ng/ml m



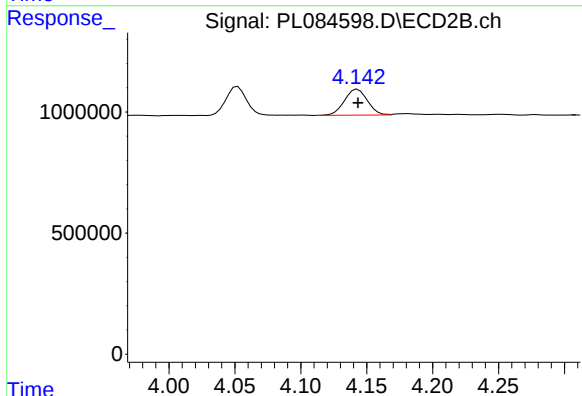
#5 Aldrin

R.T.: 5.207 min
Delta R.T.: 0.004 min
Response: 3221437
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

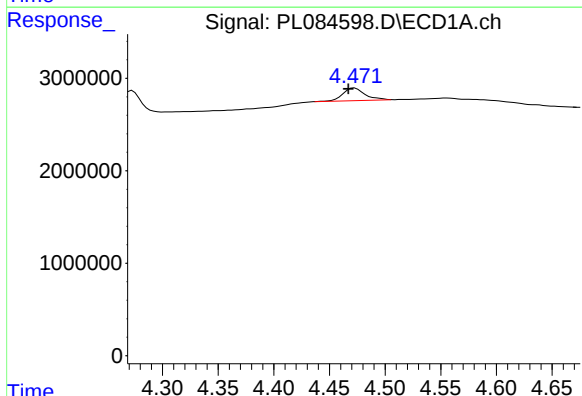
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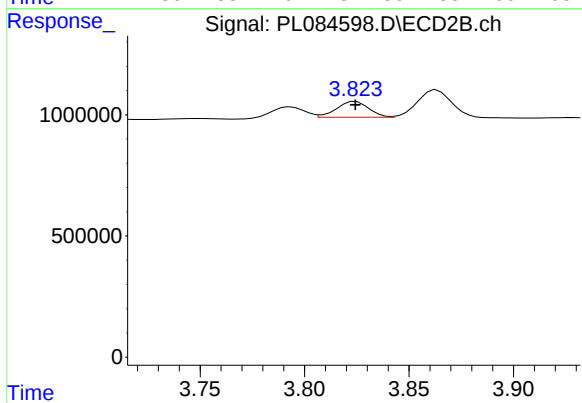
#5 Aldrin

R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 1296909
Conc: 0.89 ng/ml



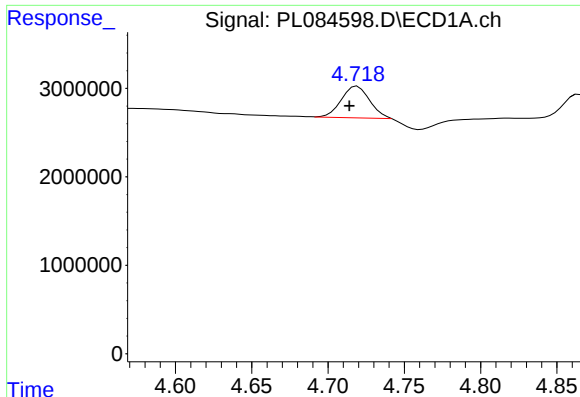
#6 beta-BHC

R.T.: 4.473 min
Delta R.T.: 0.006 min
Response: 1919056
Conc: 1.37 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.001 min
Response: 703361
Conc: 1.05 ng/ml m



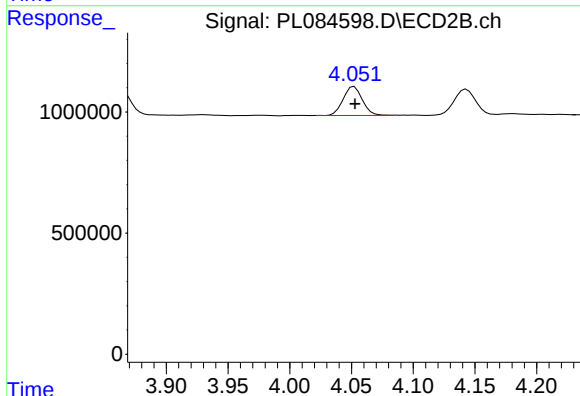
#7 delta-BHC

R.T.: 4.718 min
Delta R.T.: 0.004 min
Response: 4623387
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

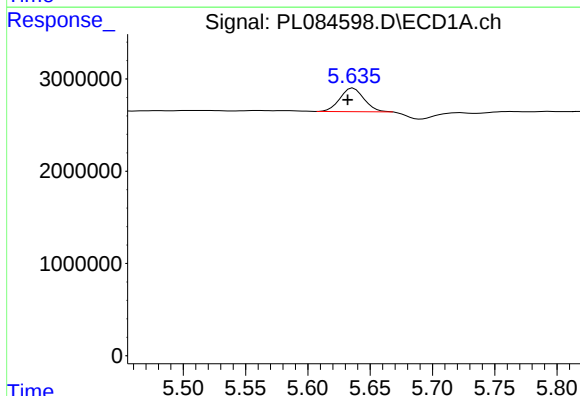
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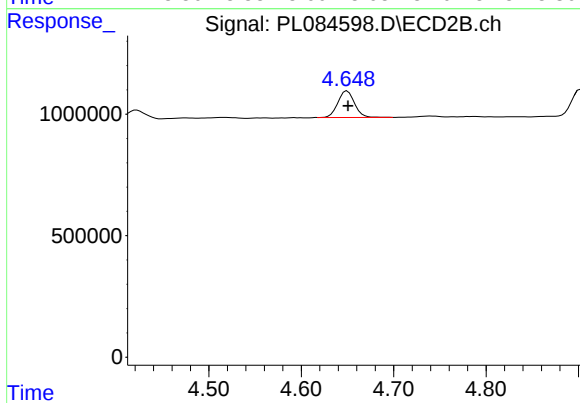
#7 delta-BHC

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 1298662
Conc: 0.86 ng/ml



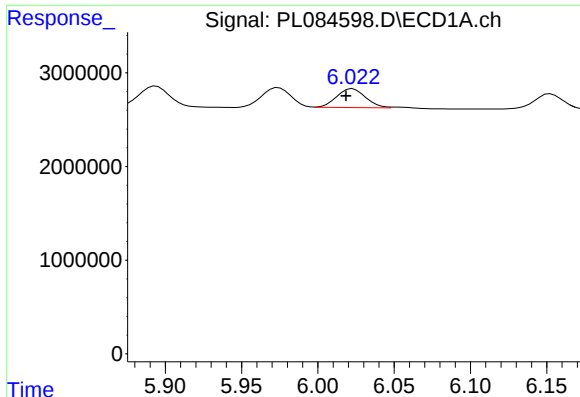
#8 Heptachlor epoxide

R.T.: 5.635 min
Delta R.T.: 0.003 min
Response: 3436296
Conc: 1.14 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 1376449
Conc: 1.04 ng/ml



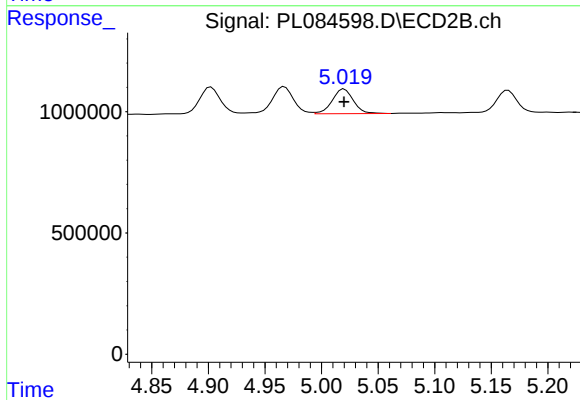
#9 Endosulfan I

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 2626814
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

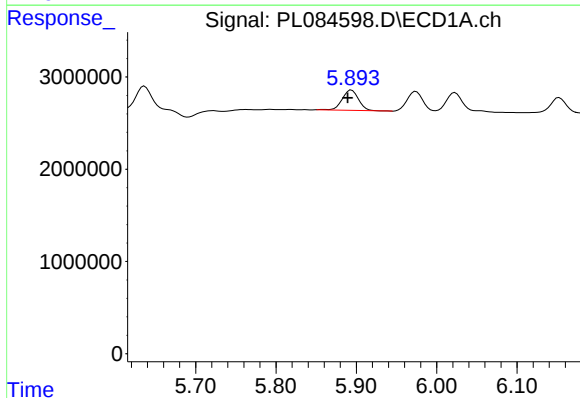
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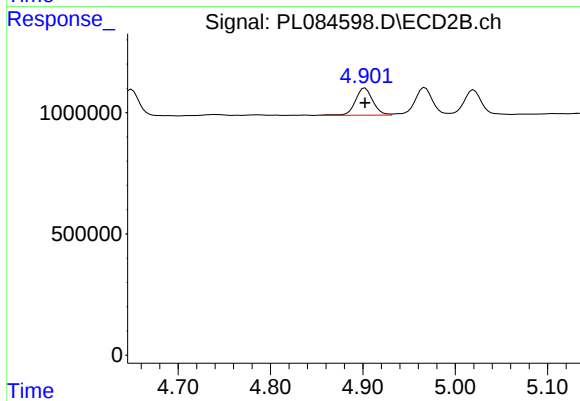
#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 1319370
Conc: 1.06 ng/ml



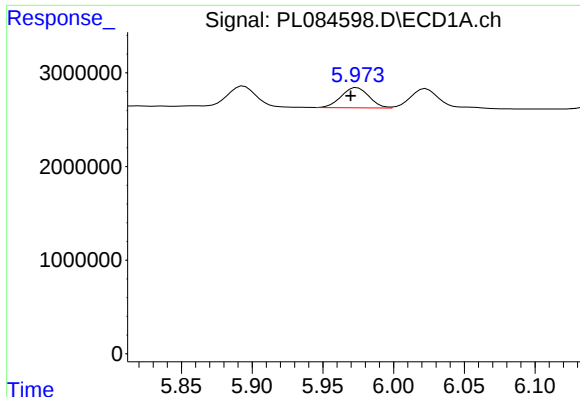
#10 gamma-Chlordane

R.T.: 5.894 min
Delta R.T.: 0.005 min
Response: 3104321
Conc: 1.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 1465320
Conc: 1.08 ng/ml



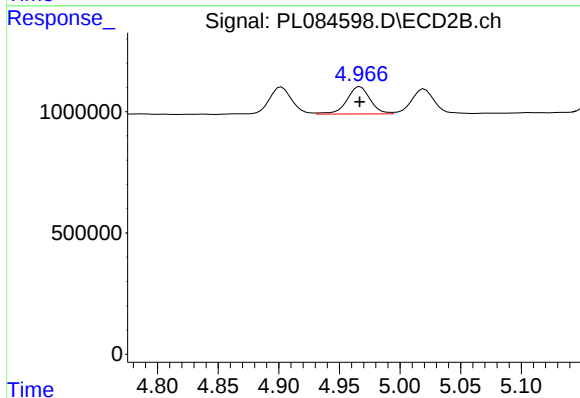
#11 alpha-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.004 min
Response: 2942657
Conc: 1.04 ng/ml

Instrument :
ECD_L
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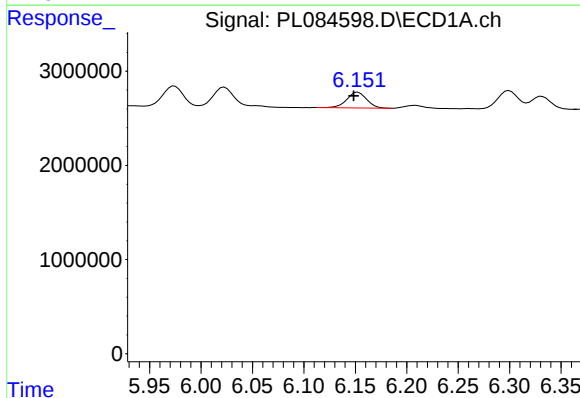
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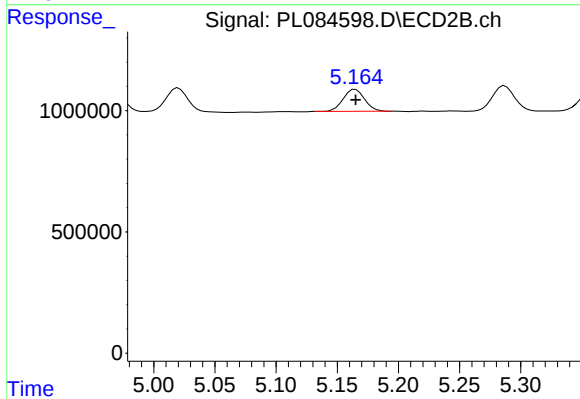
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 1489939
Conc: 1.09 ng/ml



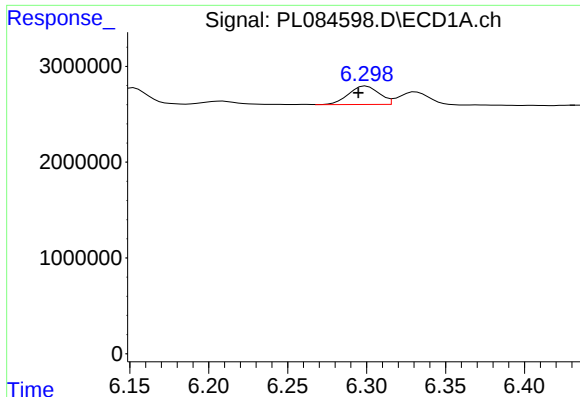
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.004 min
Response: 2248524
Conc: 0.98 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 1108040
Conc: 0.90 ng/ml



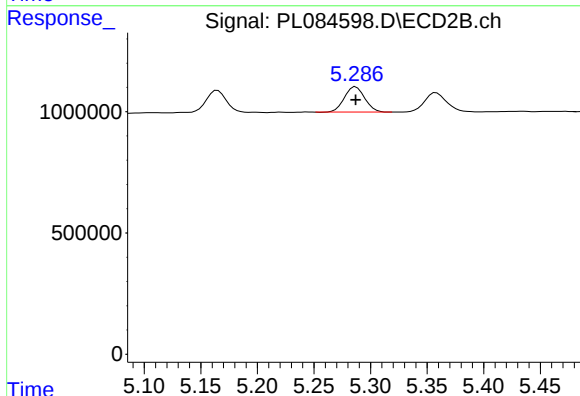
#13 Dieldrin

R.T.: 6.298 min
Delta R.T.: 0.003 min
Response: 2741770
Conc: 1.04 ng/ml

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ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

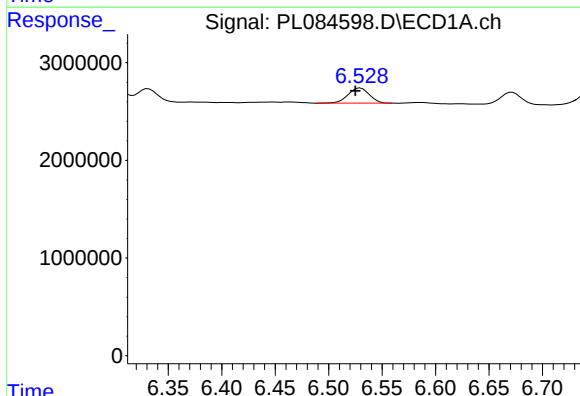
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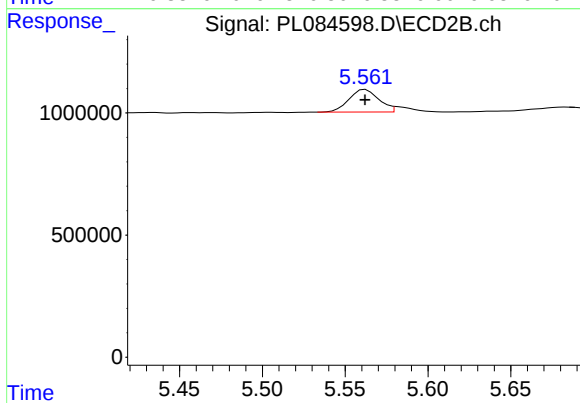
#13 Dieldrin

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 1302768
Conc: 0.96 ng/ml



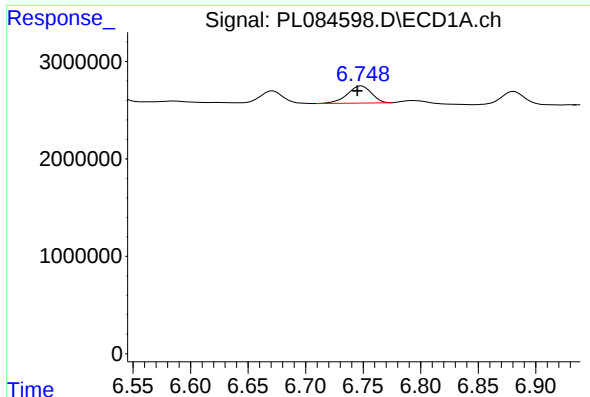
#14 Endrin

R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 2143895
Conc: 0.98 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 1197704
Conc: 0.98 ng/ml m



#15 Endosulfan II

R.T.: 6.749 min
Delta R.T.: 0.004 min
Response: 2565993
Conc: 1.21 ng/ml

Instrument :
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#15 Endosulfan II

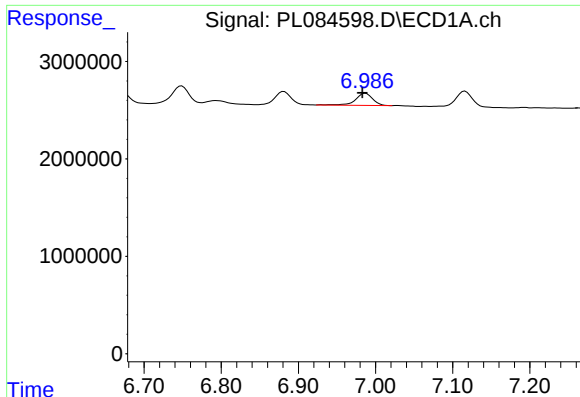
R.T.: 5.859 min
Delta R.T.: -0.001 min
Response: 1222260
Conc: 1.01 ng/ml m

#16 4,4'-DDD

R.T.: 6.672 min
Delta R.T.: 0.005 min
Response: 1660261
Conc: 0.99 ng/ml

#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: -0.001 min
Response: 898262
Conc: 0.87 ng/ml m



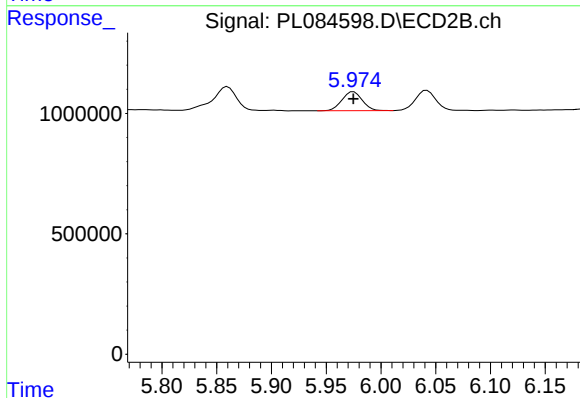
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.004 min
Response: 1934140
Conc: 1.03 ng/ml

Instrument :
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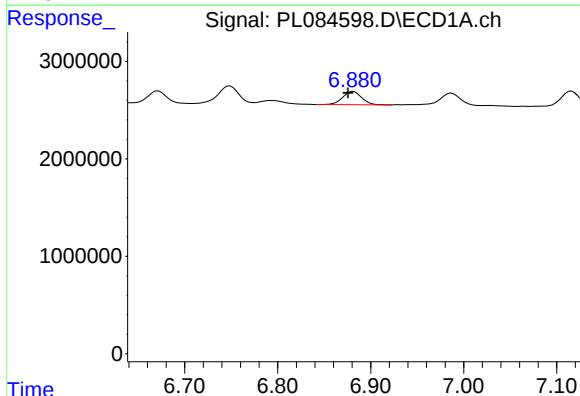
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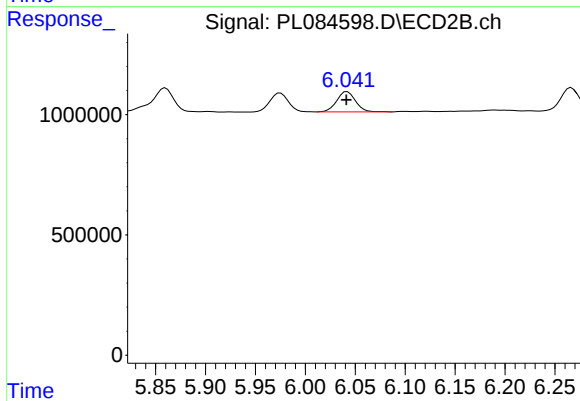
#17 4,4'-DDT

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 1021005
Conc: 0.88 ng/ml



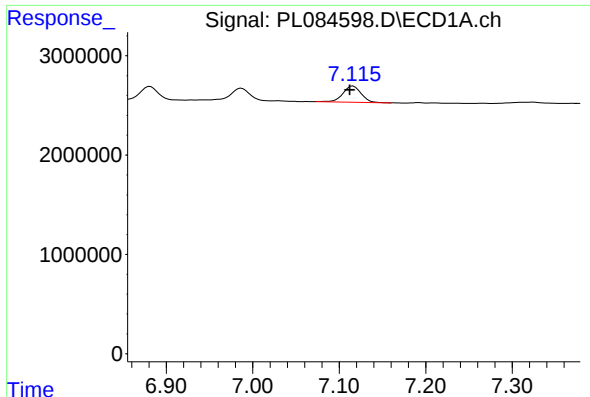
#18 Endrin aldehyde

R.T.: 6.881 min
Delta R.T.: 0.006 min
Response: 1947908
Conc: 1.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 1107942
Conc: 1.12 ng/ml



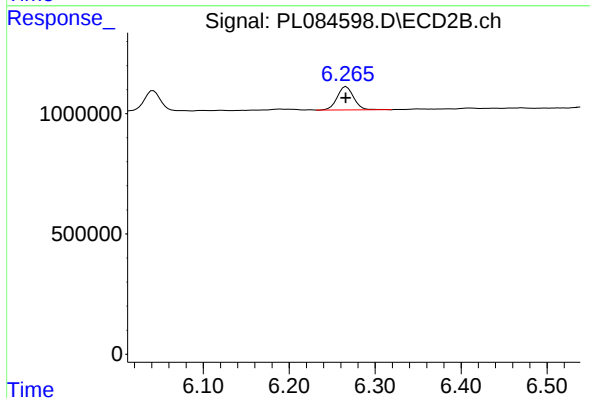
#19 Endosulfan Sulfate

R.T.: 7.116 min
Delta R.T.: 0.004 min
Response: 2349571
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

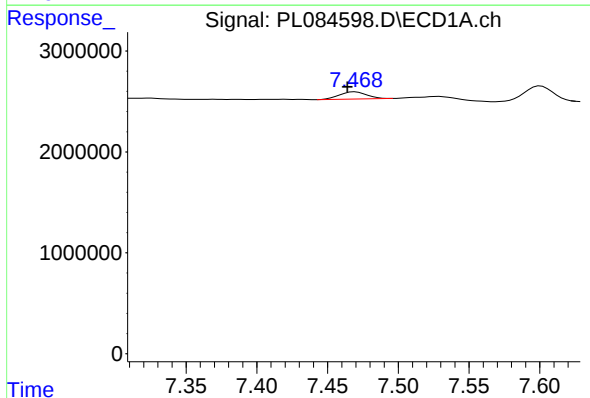
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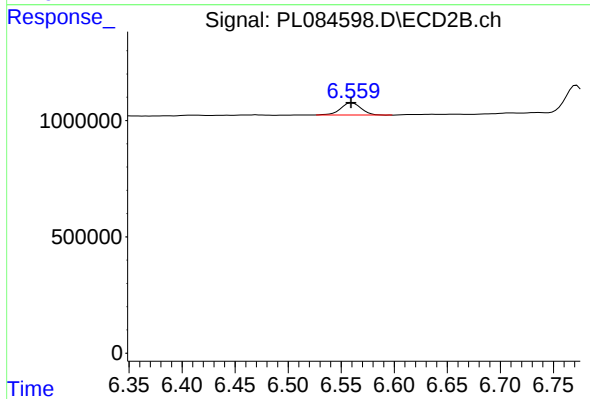
#19 Endosulfan Sulfate

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 1287575
Conc: 1.08 ng/ml



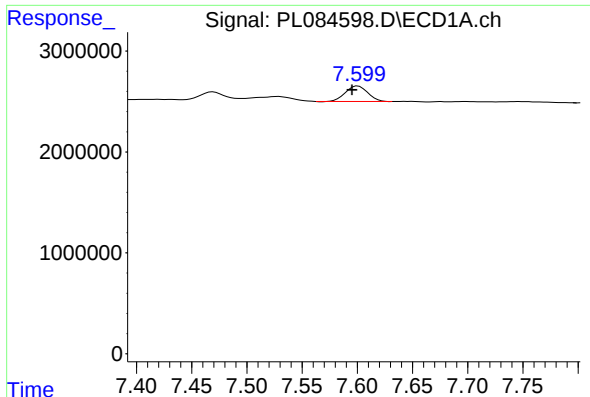
#20 Methoxychlor

R.T.: 7.470 min
Delta R.T.: 0.006 min
Response: 973301
Conc: 1.01 ng/ml



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: 0.001 min
Response: 707409
Conc: 1.03 ng/ml



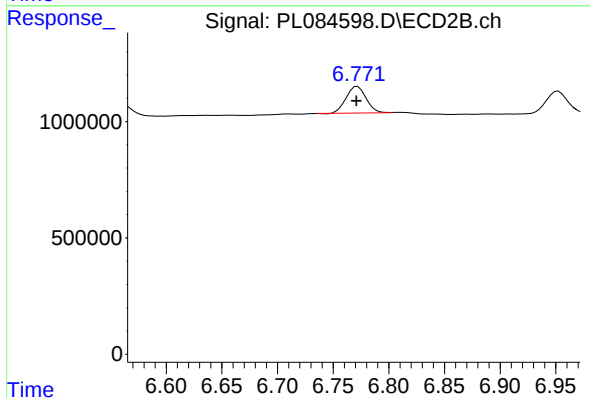
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.005 min
Response: 2159437
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

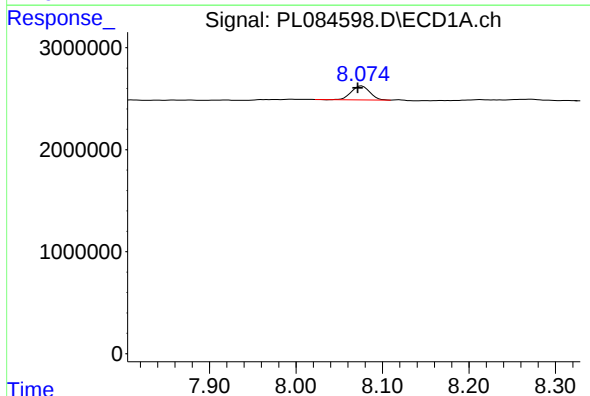
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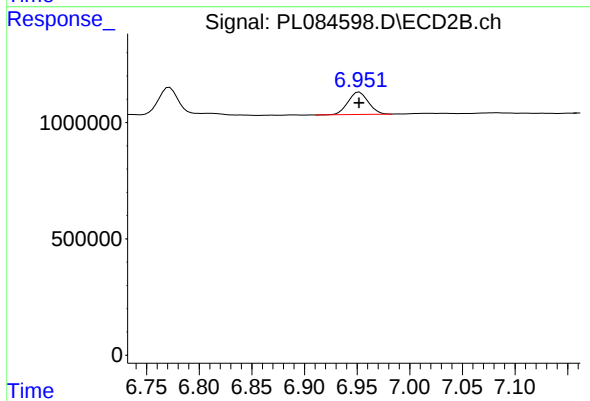
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: 0.001 min
Response: 1428434
Conc: 0.99 ng/ml



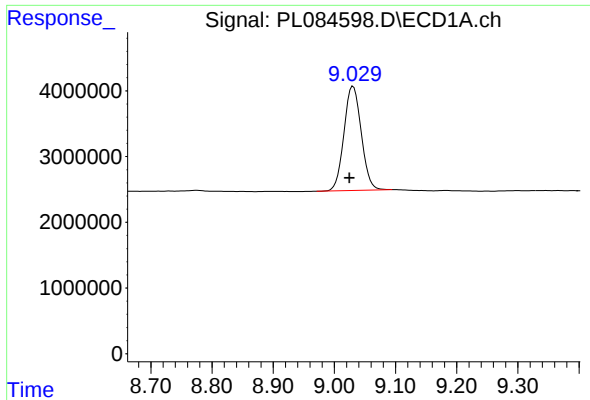
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.004 min
Response: 1990867
Conc: 1.20 ng/ml



#22 Mirex

R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 1287857
Conc: 1.12 ng/ml



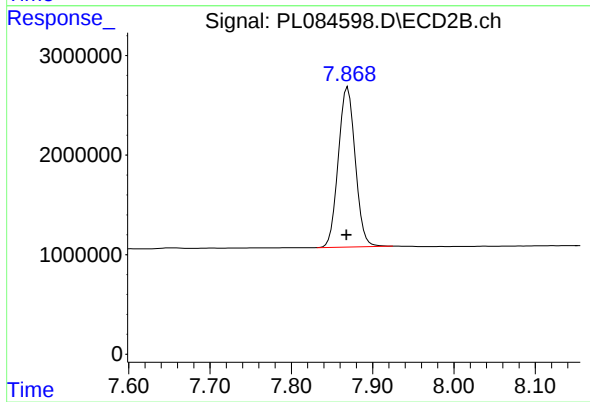
#28 Decachlorobiphenyl

R.T.: 9.031 min
Delta R.T.: 0.006 min
Response: 31145346
Conc: 19.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2023
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#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: 0.002 min
Response: 23233810
Conc: 18.63 ng/ml