

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101123\
 Data File : PL085843.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 11:54
 Operator : AR\AJ
 Sample : 04699-09
 Misc : PEST MDL 1PPB WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/12/2023
 Supervised By :Ankita Jodhani 10/12/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 21:45:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.363	2.623	55722849	16922488	18.736	18.116
28)	SA Decachlor...	8.866	7.777	53176820	23418953	24.415	25.373
Target Compounds							
2)	A alpha-BHC	3.816	3.120	4142619	1055825	0.965	0.839
3)	MA gamma-BHC...	4.148	3.448	3814520	1177440	0.923	0.955
4)	MA Heptachlor	4.734	3.785	4626977	1332173	1.196m	1.145
5)	MB Aldrin	5.075	4.062	4176226	1103431	1.077	0.987
6)	B beta-BHC	4.351	3.749	2234742	566672	1.351	1.089m
7)	B delta-BHC	4.593	3.975	4509177	980908	1.176m	0.854 #
8)	B Heptachlo...	5.504	4.569	3453202	505213	1.001m	0.503m#
9)	A Endosulfan I	5.887	4.933	3962253	1046630	1.225m	0.976m
10)	B gamma-Chl...	5.763	4.818	4244891	1061797	1.241	1.072
11)	B alpha-Chl...	5.842	4.882	4218834	1192144	1.234	1.093
12)	B 4,4'-DDE	6.025	5.081	3666267	951976	1.311	1.159
13)	MA Dieldrin	6.166	5.199	3603806	1088553	1.097	1.122m
14)	MA Endrin	6.393	5.474	3495759	1067972	1.227m	1.188
15)	B Endosulfa...	6.614	5.770	4669788	929380	1.695m	0.977m#
16)	A 4,4'-DDD	6.543	5.638	2515326	748592	1.249	1.075
17)	MA 4,4'-DDT	6.857	5.890	2305029	996642	0.978m	1.260 #
18)	B Endrin al...	6.749	5.952	2426472	1182438	1.197	1.586m#
19)	B Endosulfa...	6.984	6.178	3514194	1162923	1.400	1.289
20)	A Methoxychlor	7.343	6.474	3498048	575001	2.505m	1.093 #
21)	B Endrin ke...	7.465	6.679	2873664	1362203	0.998	1.185m
22)	Mirex	7.937	6.857	2705346	1362262	1.222m	1.444

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101123\
Data File : PL085843.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2023 11:54
Operator : AR\AJ
Sample : 04699-09
Misc : PEST MDL 1PPB WATER
ALS Vial : 9 Sample Multiplier: 1

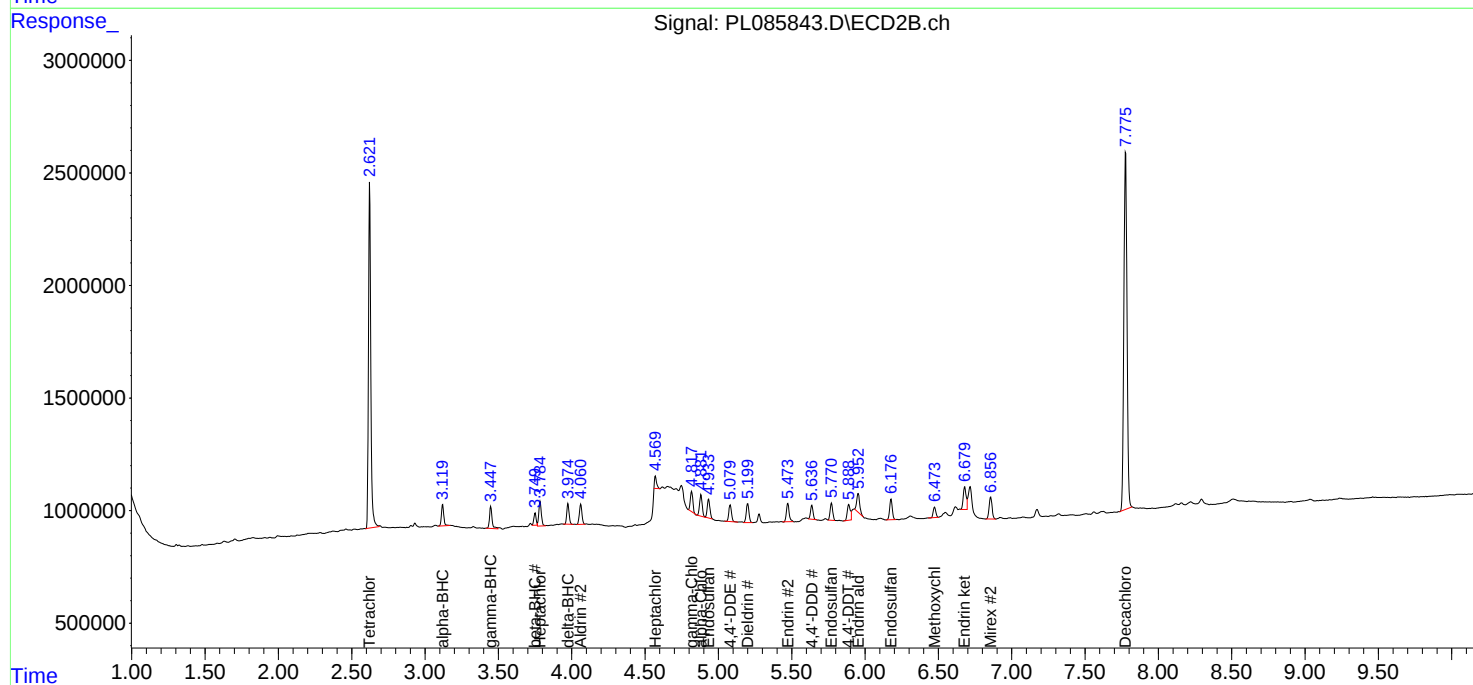
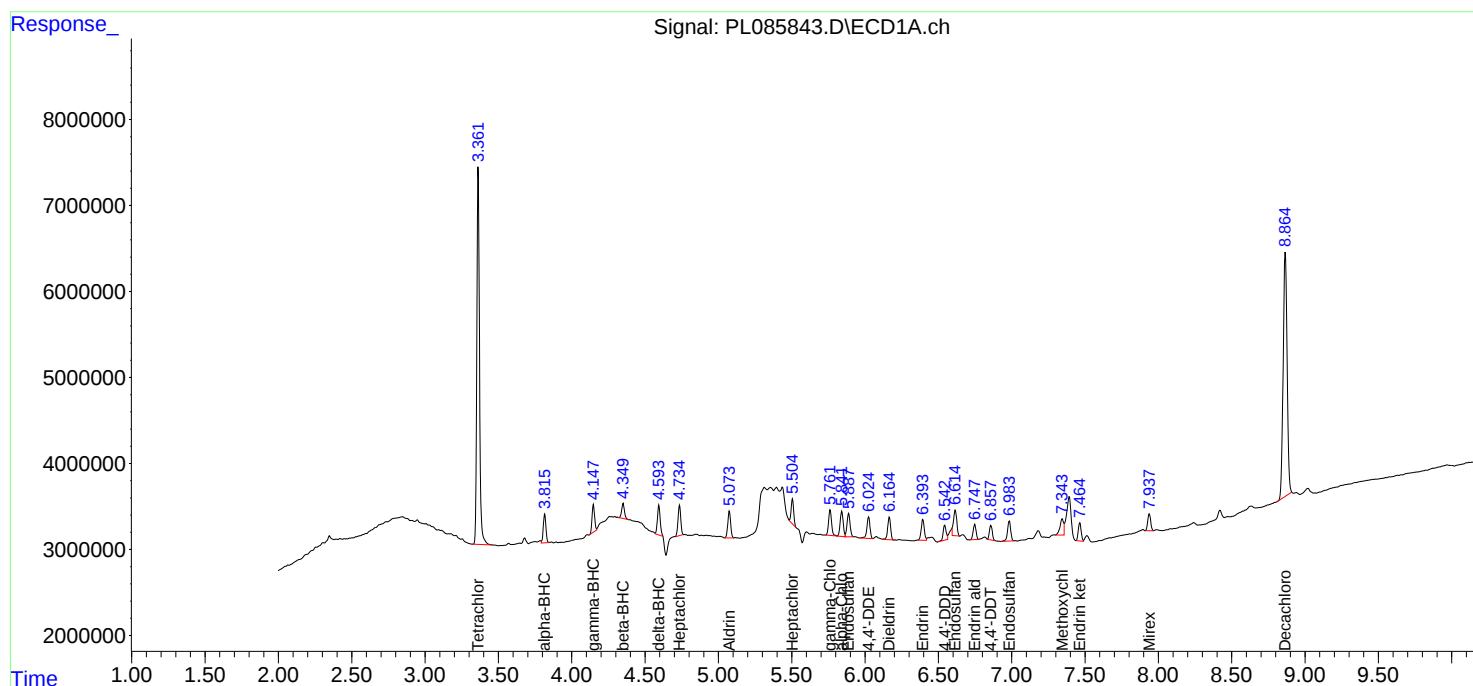
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

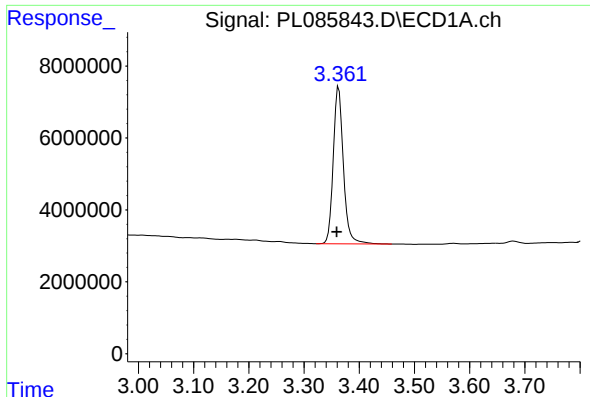
Manual Integrations
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Supervised By :Ankita Jodhani 10/12/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 21:45:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





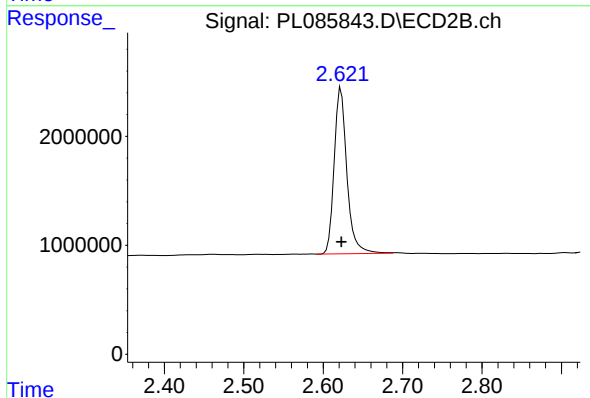
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: 0.004 min
Response: 55722849
Conc: 18.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

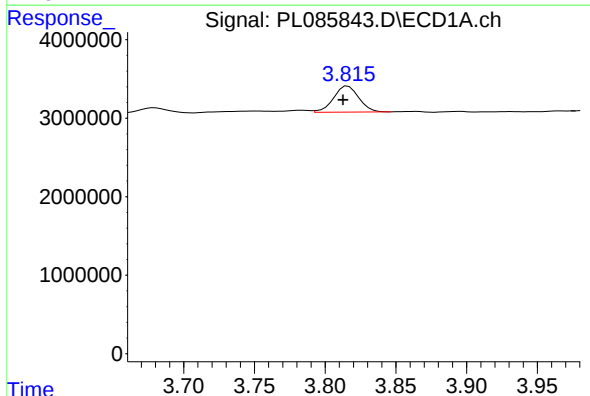
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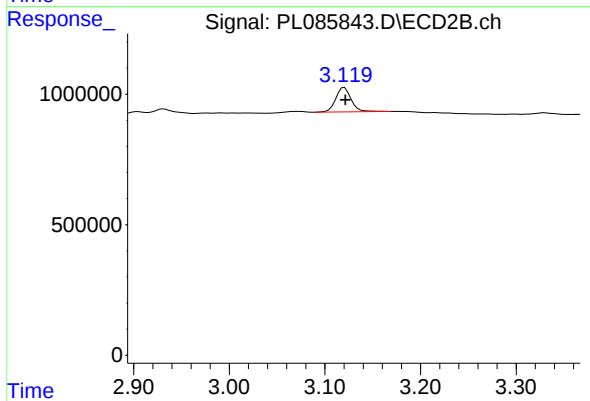
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 16922488
Conc: 18.12 ng/ml



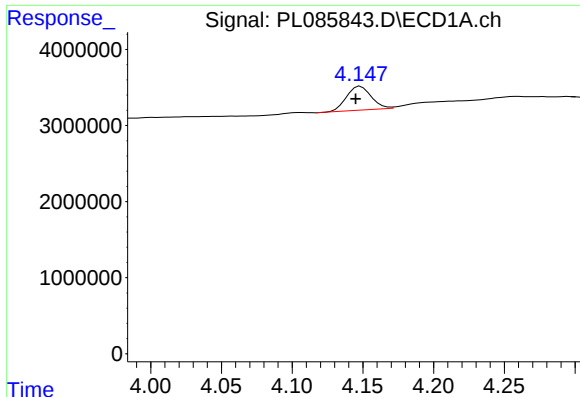
#2 alpha-BHC

R.T.: 3.816 min
Delta R.T.: 0.003 min
Response: 4142619
Conc: 0.97 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.001 min
Response: 1055825
Conc: 0.84 ng/ml



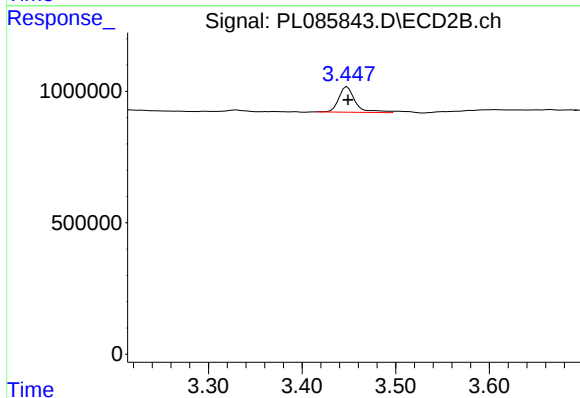
#3 gamma-BHC (Lindane)

R.T.: 4.148 min
Delta R.T.: 0.003 min
Response: 3814520
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

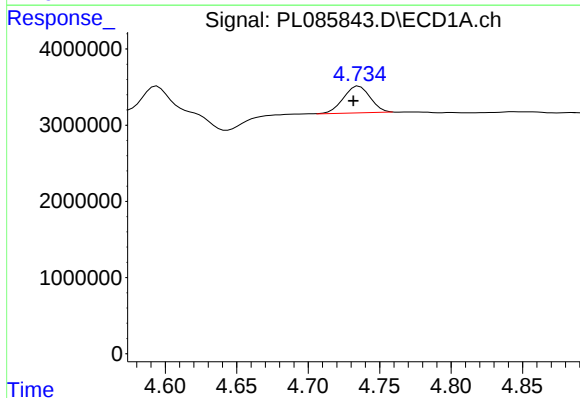
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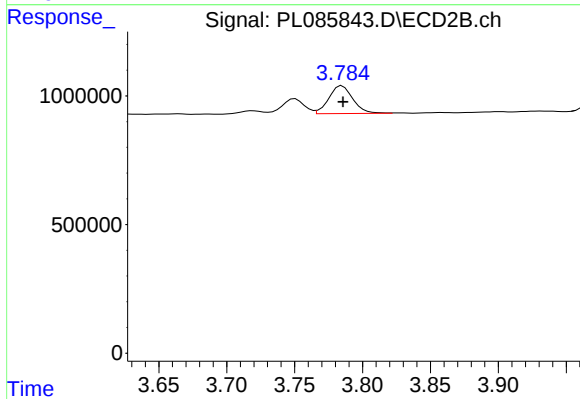
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 1177440
Conc: 0.95 ng/ml



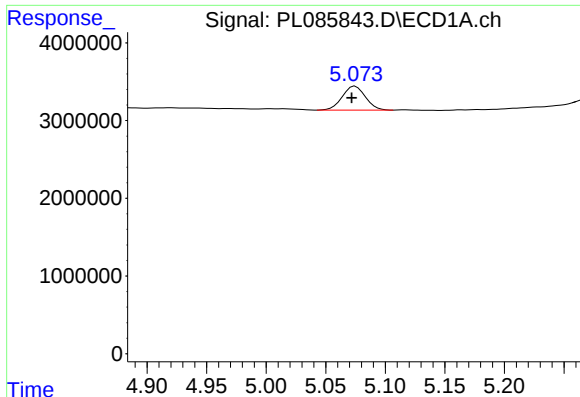
#4 Heptachlor

R.T.: 4.734 min
Delta R.T.: 0.003 min
Response: 4626977
Conc: 1.20 ng/ml m



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 1332173
Conc: 1.15 ng/ml



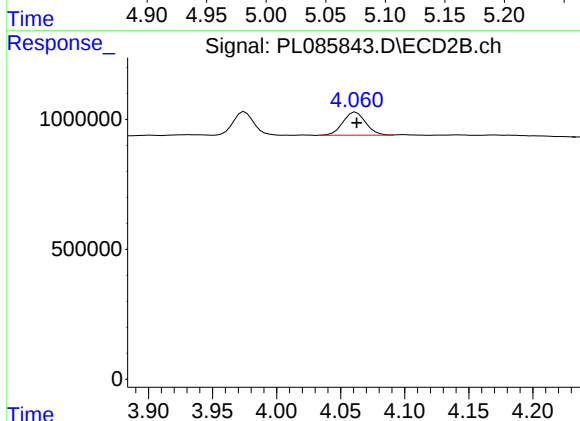
#5 Aldrin

R.T.: 5.075 min
Delta R.T.: 0.003 min
Response: 4176226
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

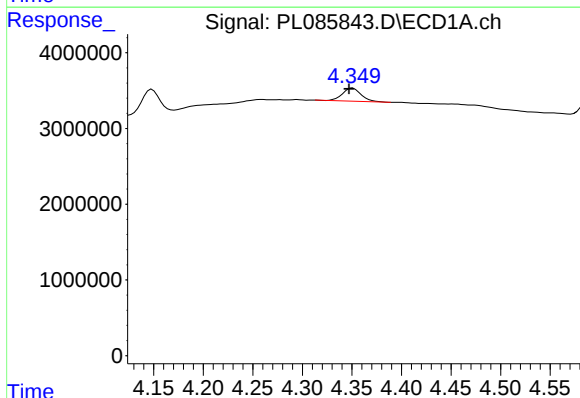
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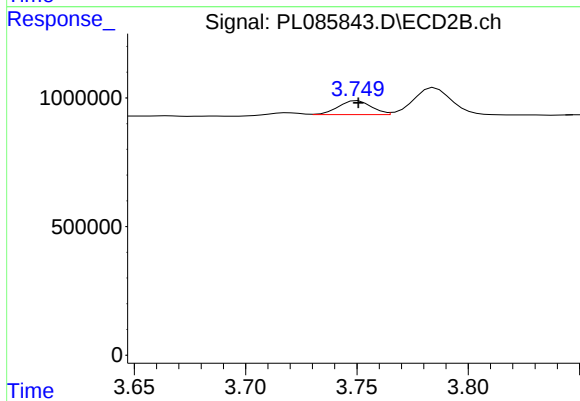
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 1103431
Conc: 0.99 ng/ml



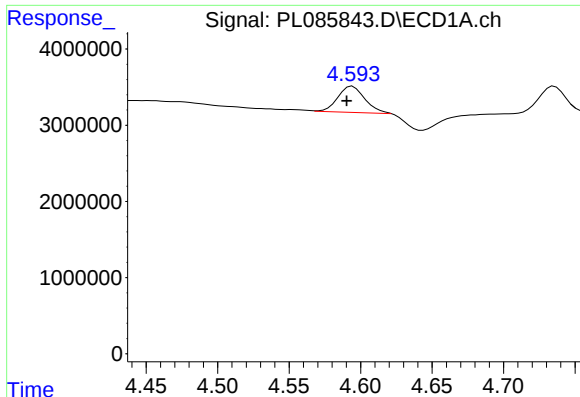
#6 beta-BHC

R.T.: 4.351 min
Delta R.T.: 0.004 min
Response: 2234742
Conc: 1.35 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 566672
Conc: 1.09 ng/ml m



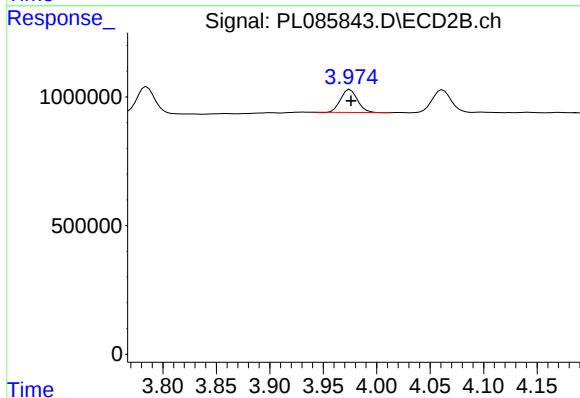
#7 delta-BHC

R.T.: 4.593 min
Delta R.T.: 0.003 min
Response: 4509177
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

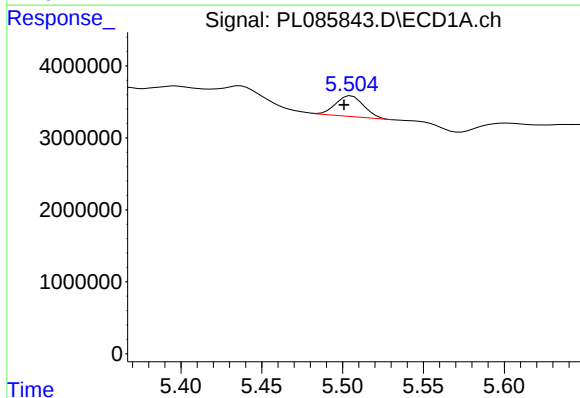
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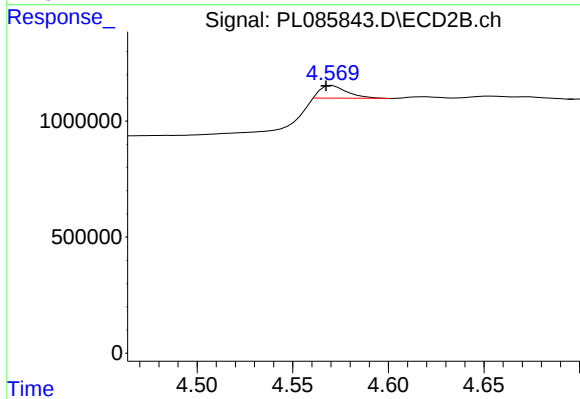
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 980908
Conc: 0.85 ng/ml



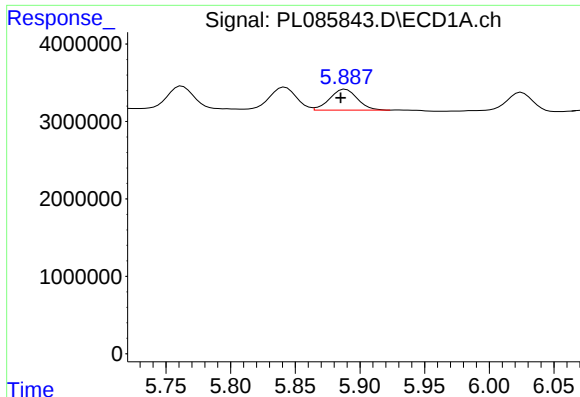
#8 Heptachlor epoxide

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 3453202
Conc: 1.00 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.569 min
Delta R.T.: 0.002 min
Response: 505213
Conc: 0.50 ng/ml m



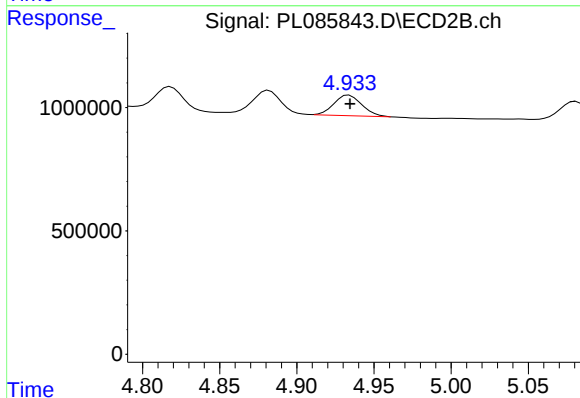
#9 Endosulfan I

R.T.: 5.887 min
Delta R.T.: 0.002 min
Response: 3962253
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

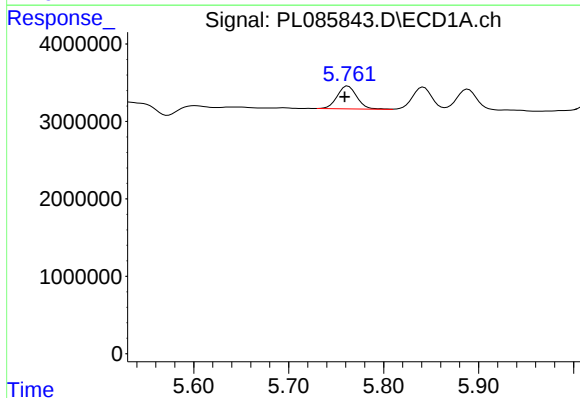
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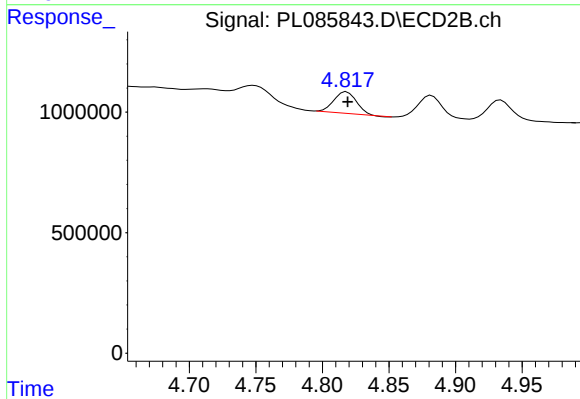
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 1046630
Conc: 0.98 ng/ml m



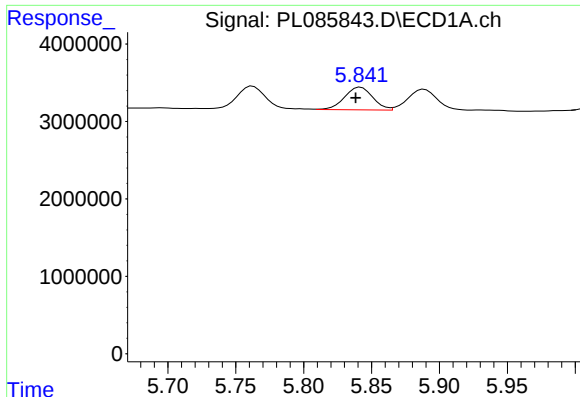
#10 gamma-Chlordane

R.T.: 5.763 min
Delta R.T.: 0.004 min
Response: 4244891
Conc: 1.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 1061797
Conc: 1.07 ng/ml



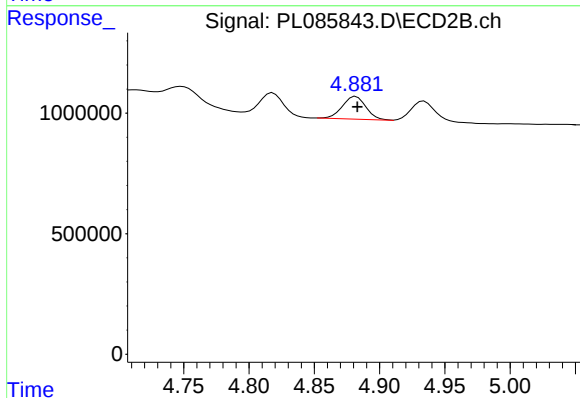
#11 alpha-Chlordane

R.T.: 5.842 min
Delta R.T.: 0.004 min
Response: 4218834
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

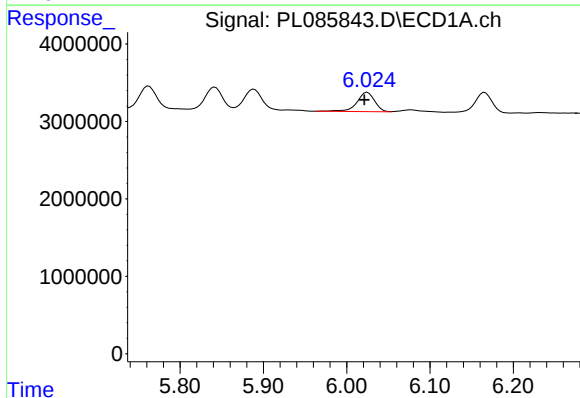
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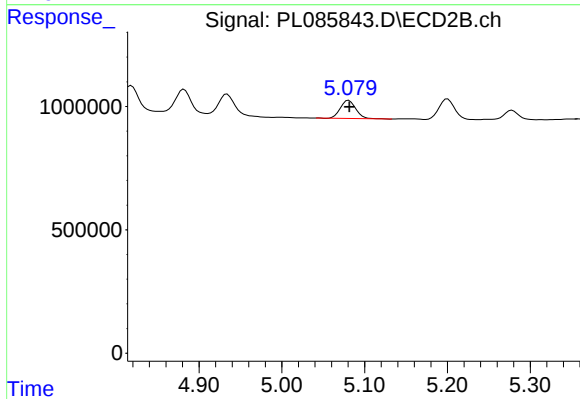
#11 alpha-Chlordane

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 1192144
Conc: 1.09 ng/ml



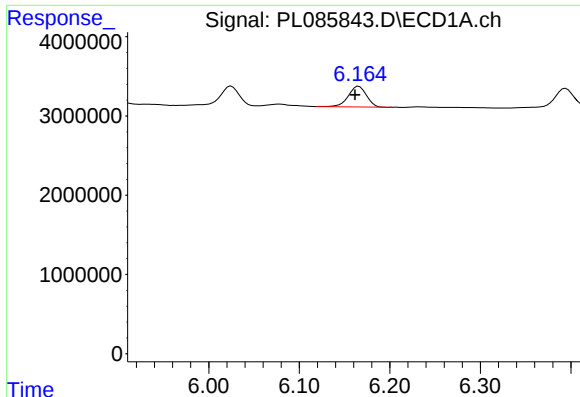
#12 4,4'-DDE

R.T.: 6.025 min
Delta R.T.: 0.004 min
Response: 3666267
Conc: 1.31 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 951976
Conc: 1.16 ng/ml



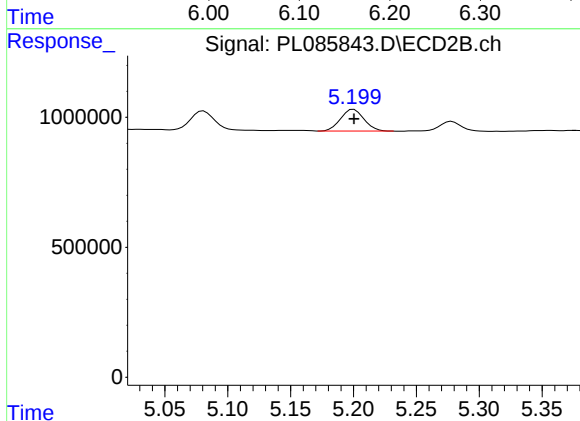
#13 Dieldrin

R.T.: 6.166 min
Delta R.T.: 0.004 min
Response: 3603806
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

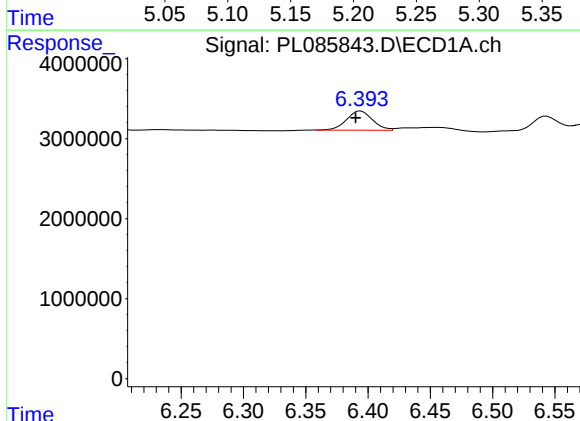
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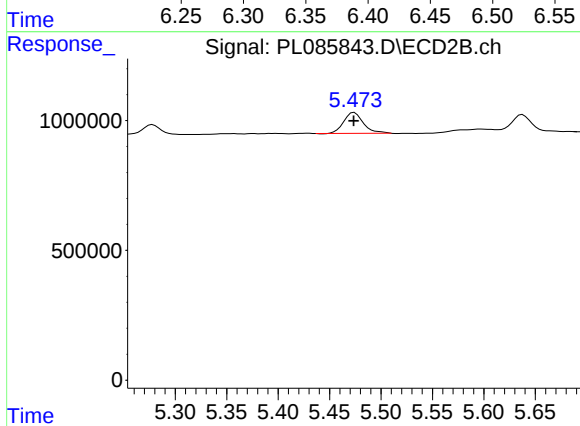
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 1088553
Conc: 1.12 ng/ml m



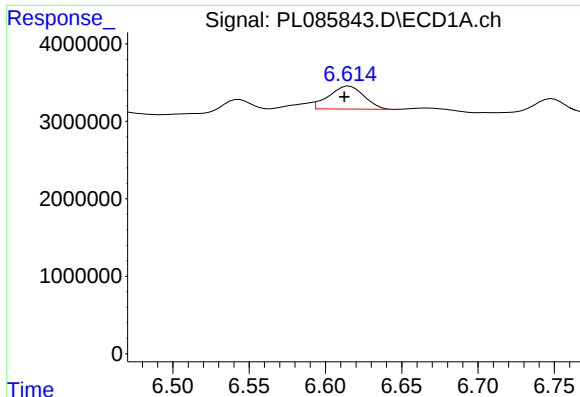
#14 Endrin

R.T.: 6.393 min
Delta R.T.: 0.003 min
Response: 3495759
Conc: 1.23 ng/ml m



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 1067972
Conc: 1.19 ng/ml



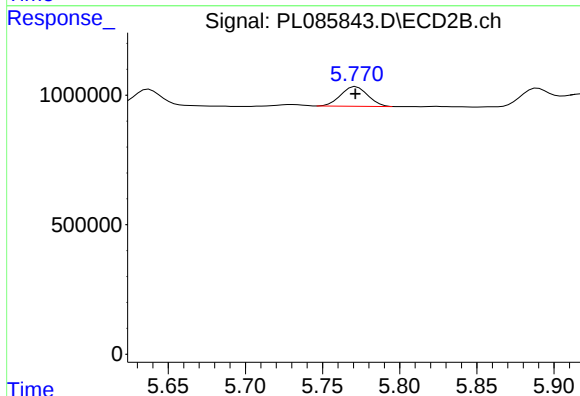
#15 Endosulfan II

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 4669788
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
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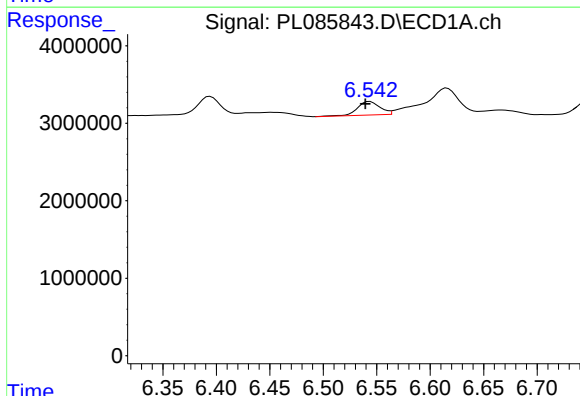
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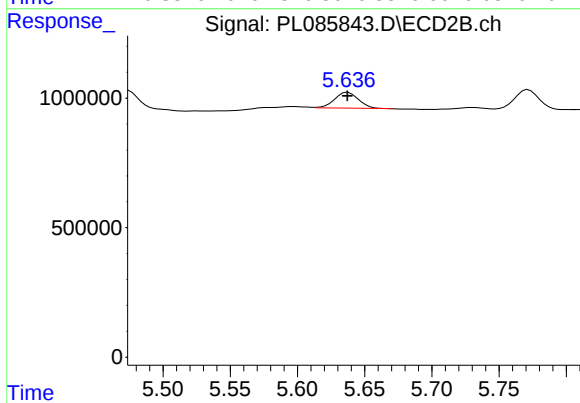
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 929380
Conc: 0.98 ng/ml m



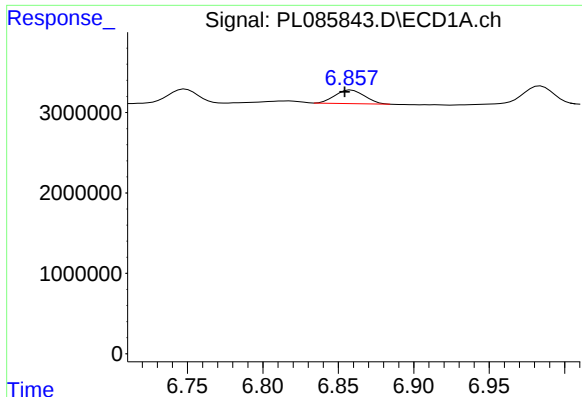
#16 4,4'-DDD

R.T.: 6.543 min
Delta R.T.: 0.004 min
Response: 2515326
Conc: 1.25 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 748592
Conc: 1.08 ng/ml



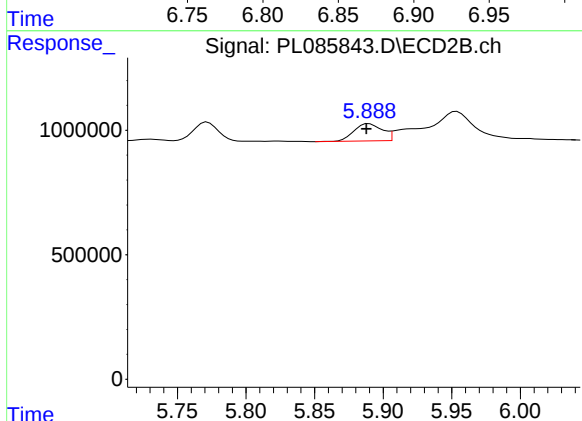
#17 4,4'-DDT

R.T.: 6.857 min
Delta R.T.: 0.003 min
Response: 2305029
Conc: 0.98 ng/ml

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

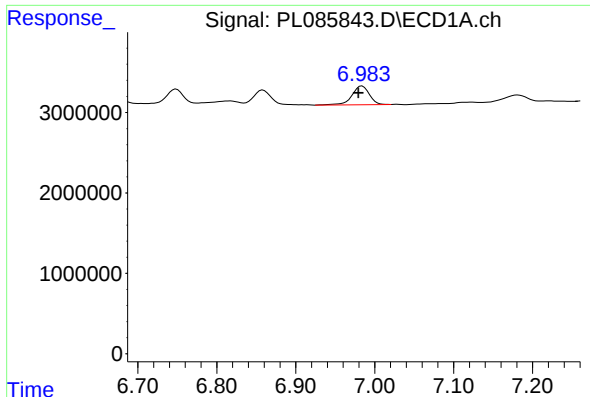
R.T.: 5.890 min
Delta R.T.: 0.002 min
Response: 996642
Conc: 1.26 ng/ml

#18 Endrin aldehyde

R.T.: 6.749 min
Delta R.T.: 0.006 min
Response: 2426472
Conc: 1.20 ng/ml

#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 1182438
Conc: 1.59 ng/ml m



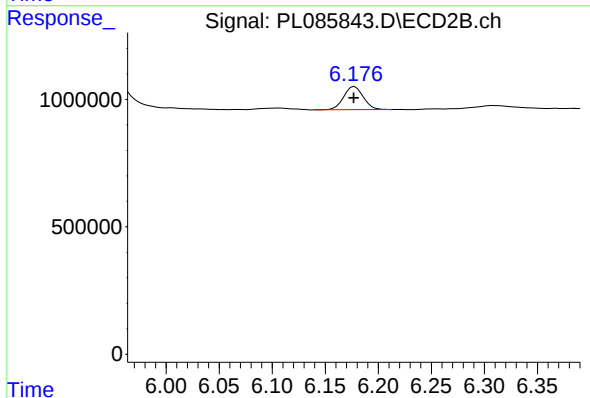
#19 Endosulfan Sulfate

R.T.: 6.984 min
Delta R.T.: 0.005 min
Response: 3514194
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

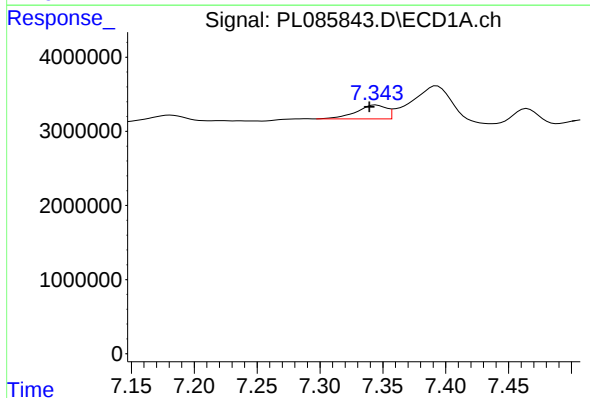
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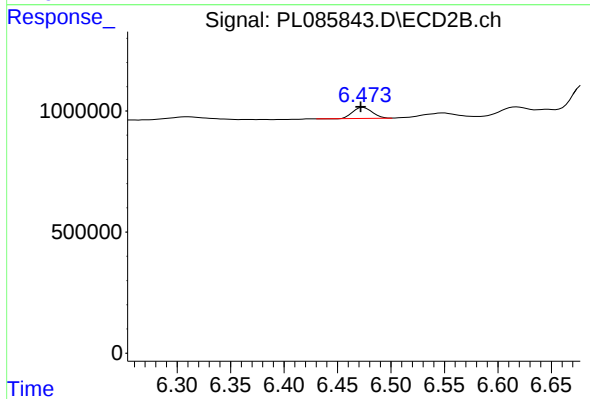
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 1162923
Conc: 1.29 ng/ml



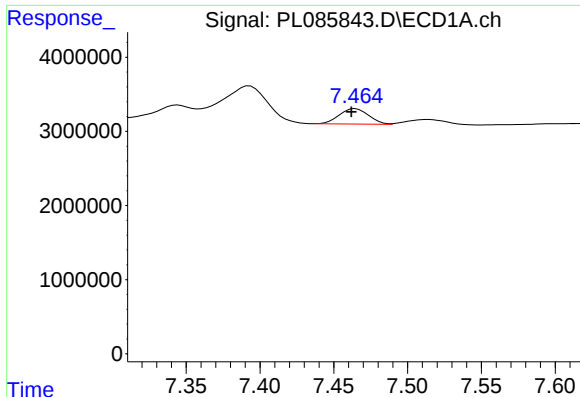
#20 Methoxychlor

R.T.: 7.343 min
Delta R.T.: 0.004 min
Response: 3498048
Conc: 2.50 ng/ml m



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: 0.003 min
Response: 575001
Conc: 1.09 ng/ml



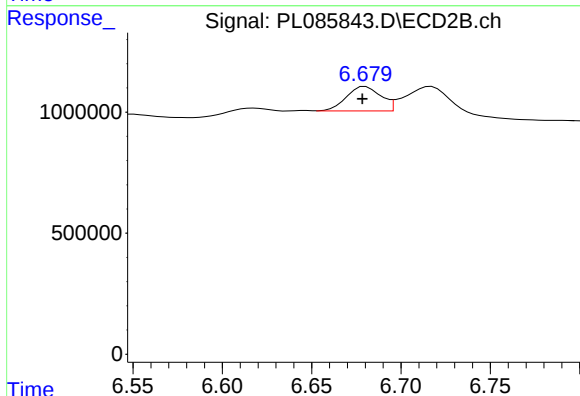
#21 Endrin ketone

R.T.: 7.465 min
Delta R.T.: 0.003 min
Response: 2873664
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

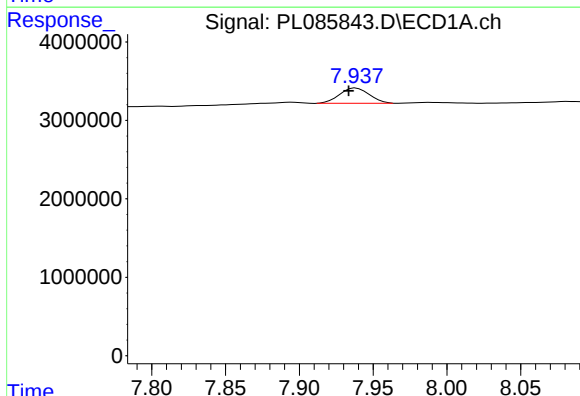
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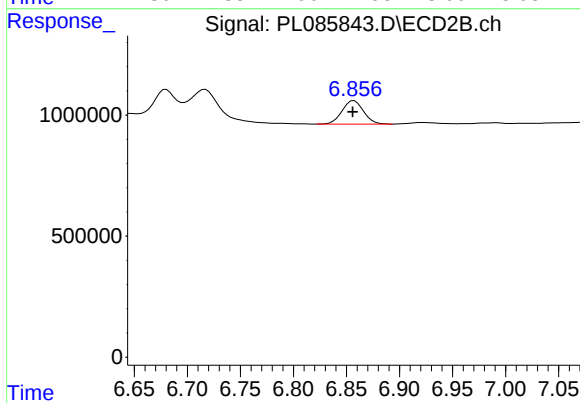
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 1362203
Conc: 1.19 ng/ml m



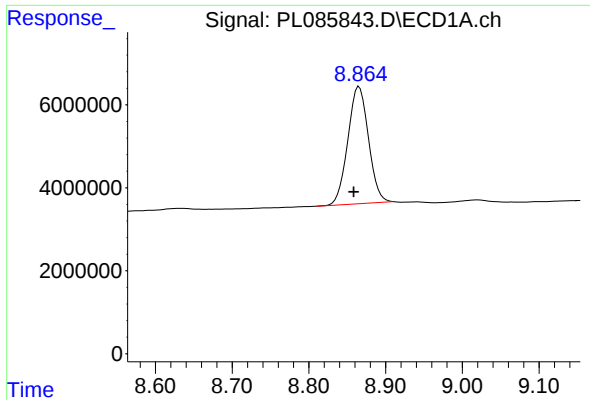
#22 Mirex

R.T.: 7.937 min
Delta R.T.: 0.004 min
Response: 2705346
Conc: 1.22 ng/ml m



#22 Mirex

R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 1362262
Conc: 1.44 ng/ml



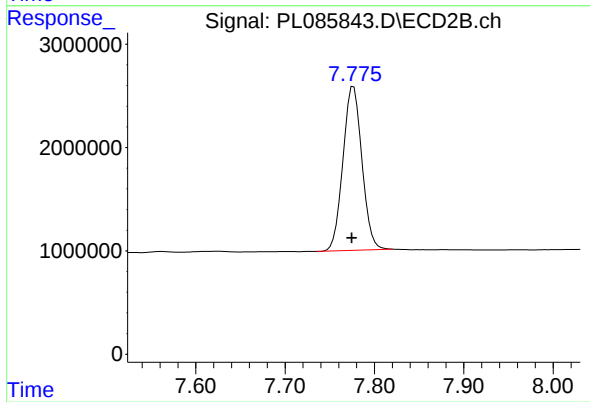
#28 Decachlorobiphenyl

R.T.: 8.866 min
Delta R.T.: 0.007 min
Response: 53176820
Conc: 24.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT4-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/12/2023
Supervised By :Ankita Jodhani 10/12/2023



#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: 0.002 min
Response: 23418953
Conc: 25.37 ng/ml