

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
 Data File : PL084600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 10:06
 Operator : AR\AJ
 Sample : 03572-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 8 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 21:51:46 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...	3.487	2.687	39052451	18833551	16.808	17.320
28)	SA Decachlor...	9.040	7.872	31710647	23971893	19.489	19.227
Target Compounds							
2)	A alpha-BHC	3.945	3.192	6346172	2972970	1.922	1.925
3)	MA gamma-BHC...	4.279	3.523	6632243	3011013	2.079	1.982
4)	MA Heptachlor	4.870	3.865	8270774	2819524	2.459m	1.980
5)	MB Aldrin	5.214	4.144	7313846	3016887	2.213	2.076
6)	B beta-BHC	4.479	3.824	3361664	1536559	2.406	2.293m
7)	B delta-BHC	4.724	4.054	8637302	2986426	2.678m	1.967 #
8)	B Heptachlo...	5.643	4.651	7981680	3009993	2.649m	2.269
9)	A Endosulfan I	6.031	5.022	6129116	2862827	2.328	2.310
10)	B gamma-Chl...	5.902	4.904	6929225	3211405	2.420	2.368
11)	B alpha-Chl...	5.982	4.969	6757589	3187793	2.394	2.340
12)	B 4,4'-DDE	6.160	5.167	5169493	2609396	2.252	2.119
13)	MA Dieldrin	6.307	5.288	6262118	3095573	2.370	2.280m
14)	MA Endrin	6.538	5.563	4776999	2702399	2.190	2.209m
15)	B Endosulfa...	6.756	5.862	5303650	2782830	2.508m	2.306
16)	A 4,4'-DDD	6.679	5.725	4963131	2275331	2.960m	2.202 #
17)	MA 4,4'-DDT	6.995	5.978	4499812	2376583	2.402	2.048
18)	B Endrin al...	6.889	6.044	4495792	2519694	2.665	2.541
19)	B Endosulfa...	7.124	6.269	5241727	2898041	2.624	2.437
20)	A Methoxychlor	7.477	6.563	1956382	1484723	2.039	2.164
21)	B Endrin ke...	7.608	6.774	5052165	3334653	2.526	2.311
22)	Mirex	8.084	6.955	4295256	3035908	2.586	2.632

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080923\
Data File : PL084600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Aug 2023 10:06
Operator : AR\AJ
Sample : 03572-07
Misc : PEST LOD 2.5PPB
ALS Vial : 8 Sample Multiplier: 1

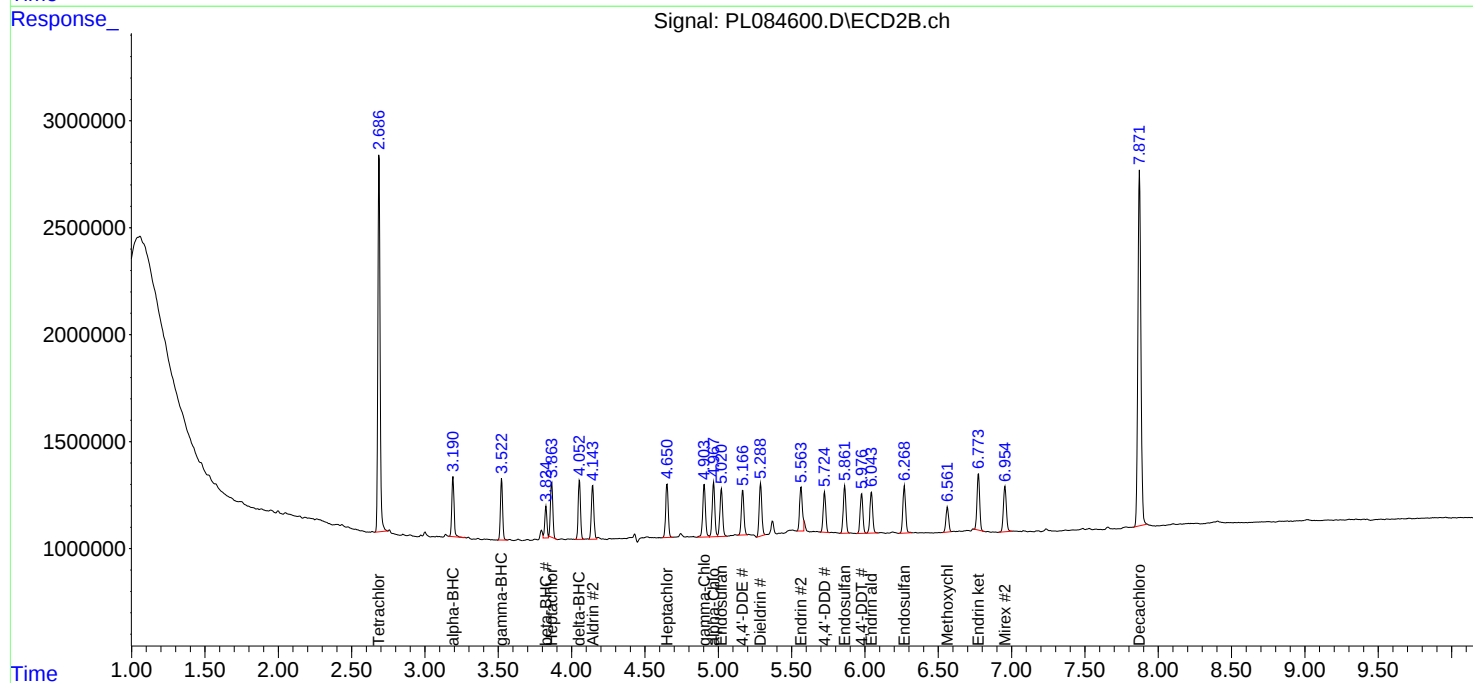
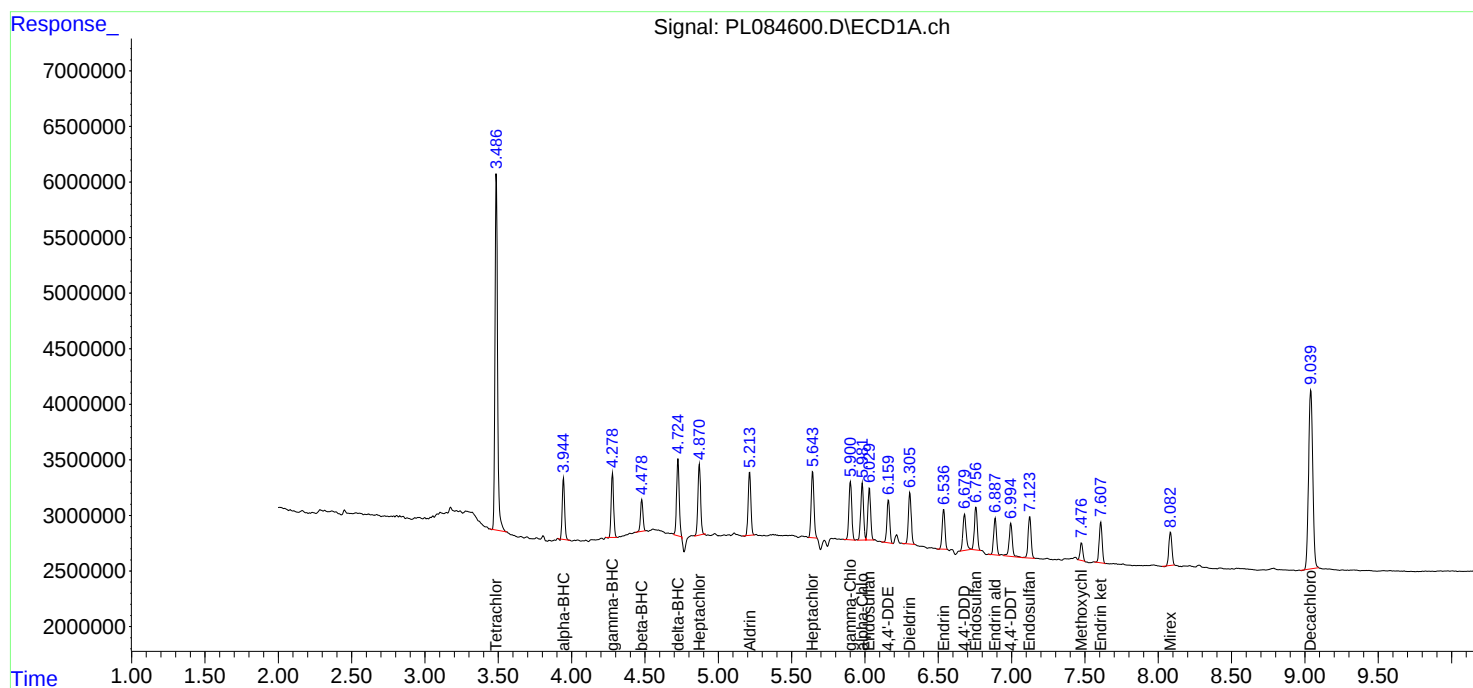
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

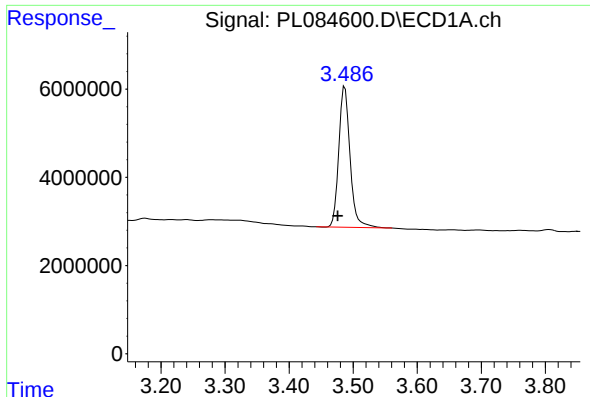
Manual Integrations
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Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 21:51:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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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





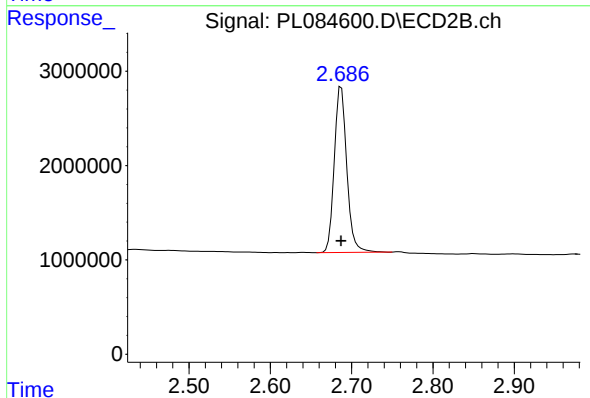
#1 Tetrachloro-m-xylene

R.T.: 3.487 min
Delta R.T.: 0.011 min
Response: 39052451
Conc: 16.81 ng/ml

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

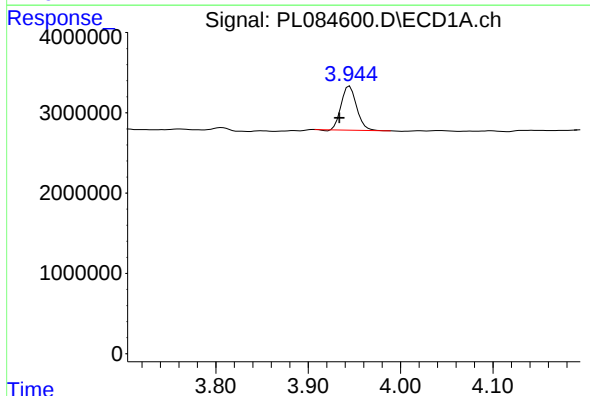
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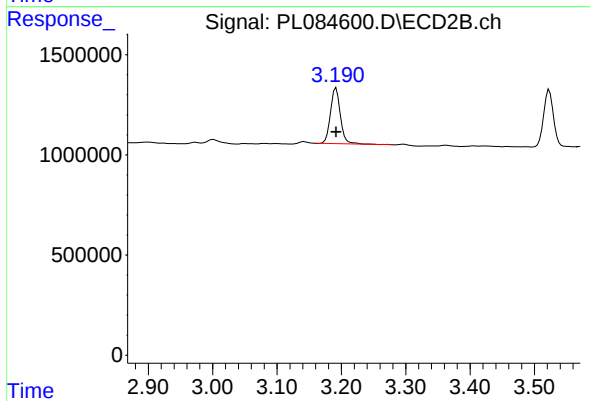
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 18833551
Conc: 17.32 ng/ml



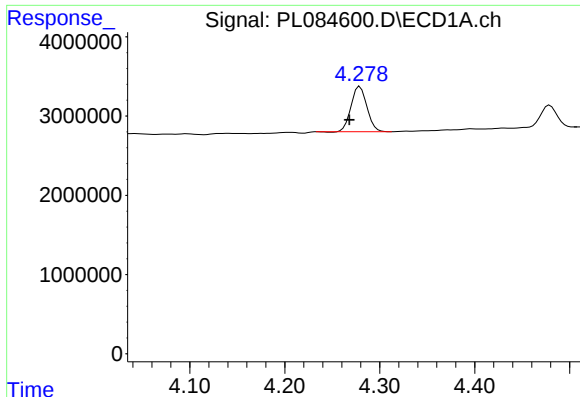
#2 alpha-BHC

R.T.: 3.945 min
Delta R.T.: 0.011 min
Response: 6346172
Conc: 1.92 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 2972970
Conc: 1.93 ng/ml



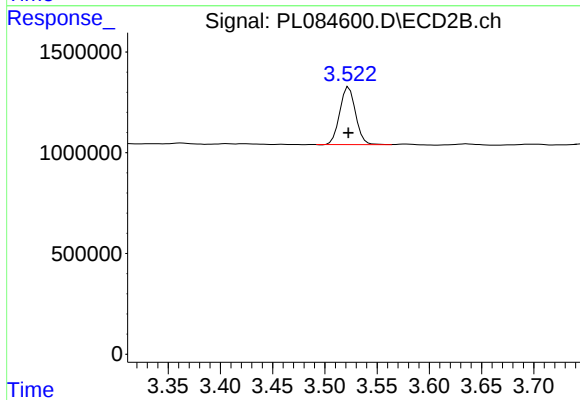
#3 gamma-BHC (Lindane)

R.T.: 4.279 min
Delta R.T.: 0.011 min
Response: 6632243
Conc: 2.08 ng/ml

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

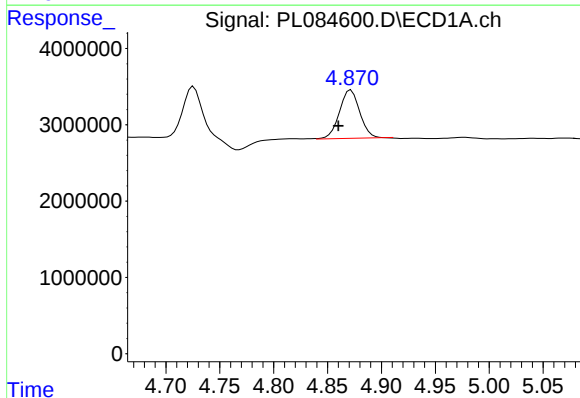
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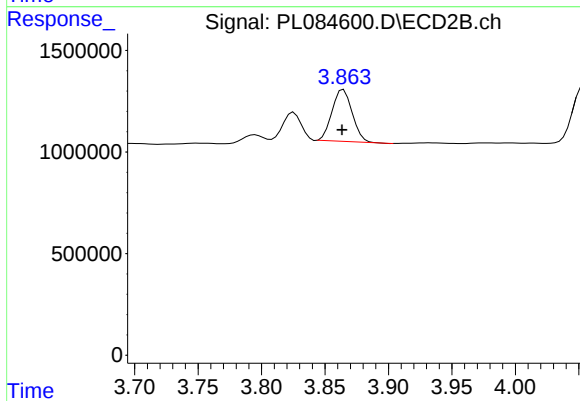
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 3011013
Conc: 1.98 ng/ml



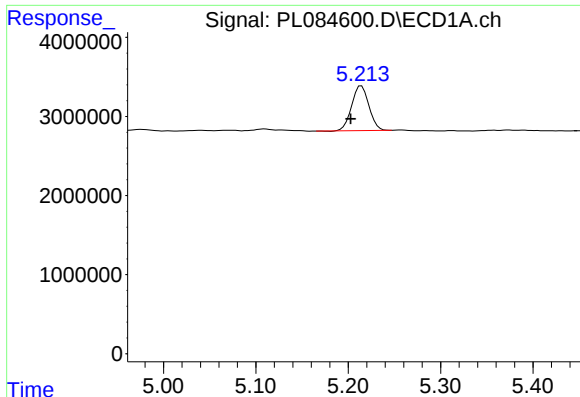
#4 Heptachlor

R.T.: 4.870 min
Delta R.T.: 0.010 min
Response: 8270774
Conc: 2.46 ng/ml m



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.001 min
Response: 2819524
Conc: 1.98 ng/ml



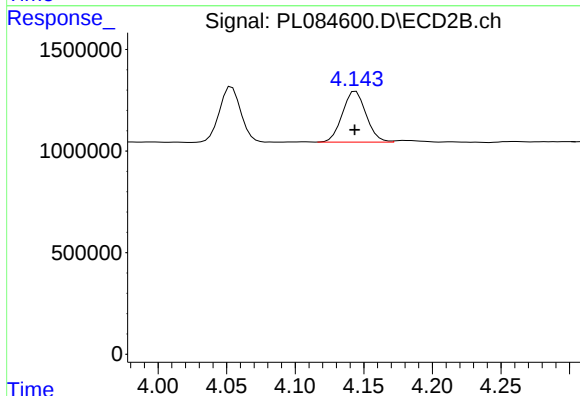
#5 Aldrin

R.T.: 5.214 min
Delta R.T.: 0.012 min
Response: 7313846
Conc: 2.21 ng/ml

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

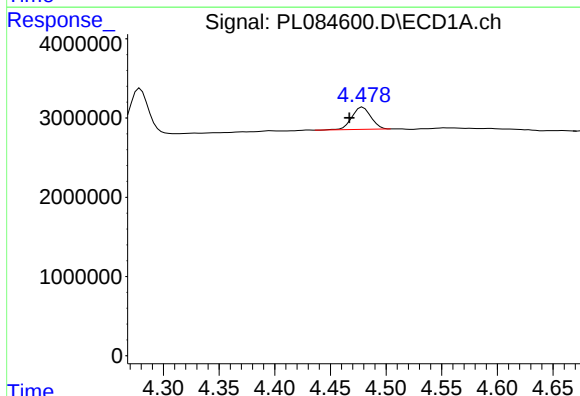
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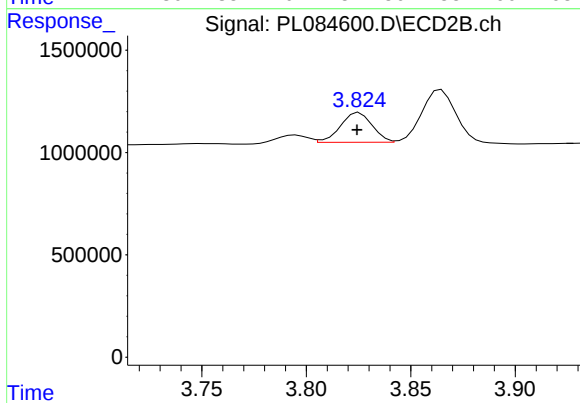
#5 Aldrin

R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 3016887
Conc: 2.08 ng/ml



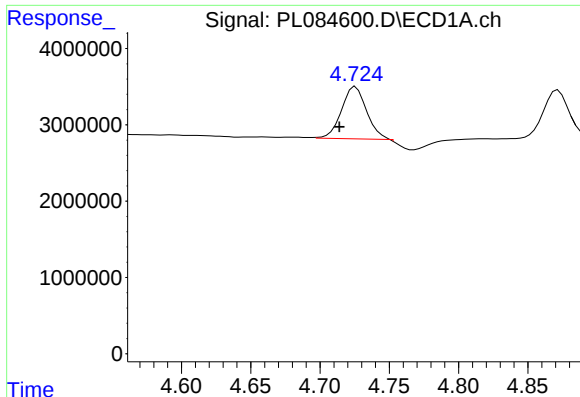
#6 beta-BHC

R.T.: 4.479 min
Delta R.T.: 0.012 min
Response: 3361664
Conc: 2.41 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 1536559
Conc: 2.29 ng/ml m



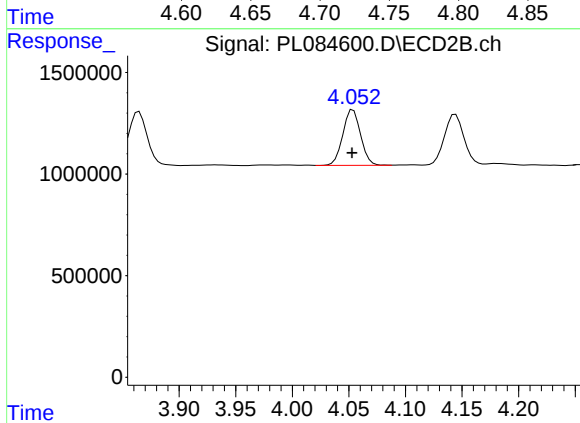
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.010 min
Response: 8637302
Conc: 2.68 ng/ml

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

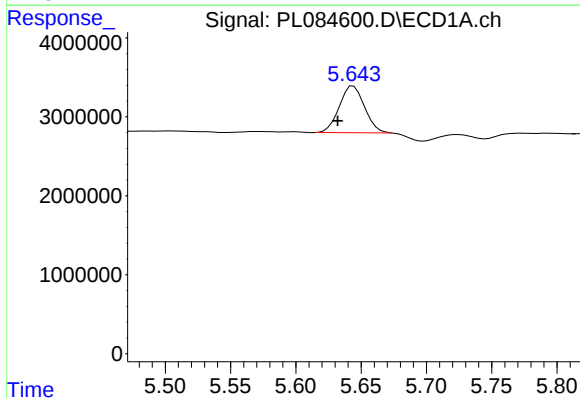
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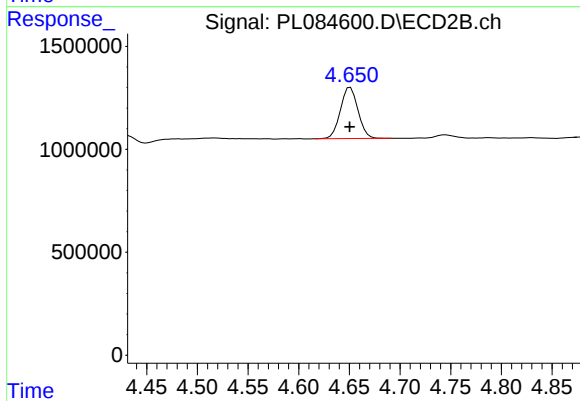
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 2986426
Conc: 1.97 ng/ml



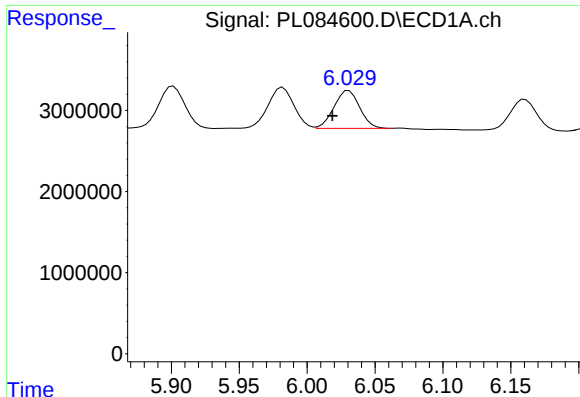
#8 Heptachlor epoxide

R.T.: 5.643 min
Delta R.T.: 0.011 min
Response: 7981680
Conc: 2.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 3009993
Conc: 2.27 ng/ml



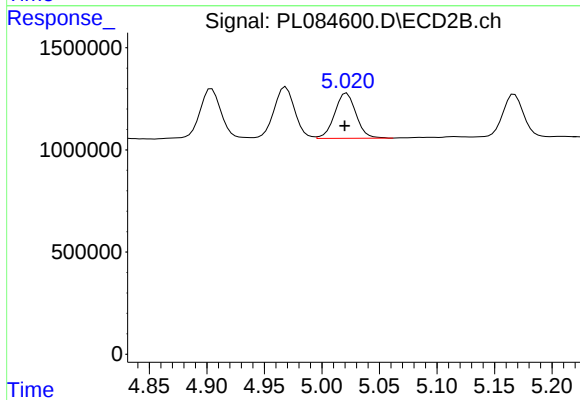
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: 0.012 min
Response: 6129116
Conc: 2.33 ng/ml

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

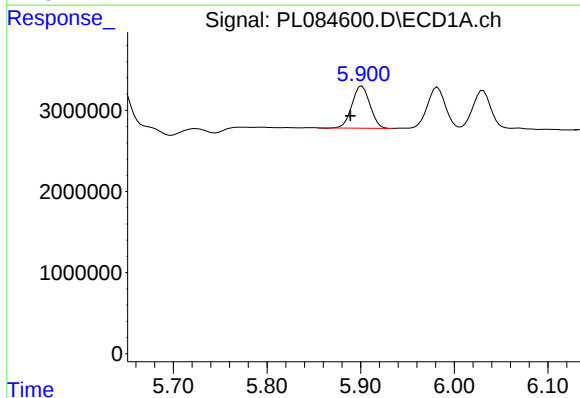
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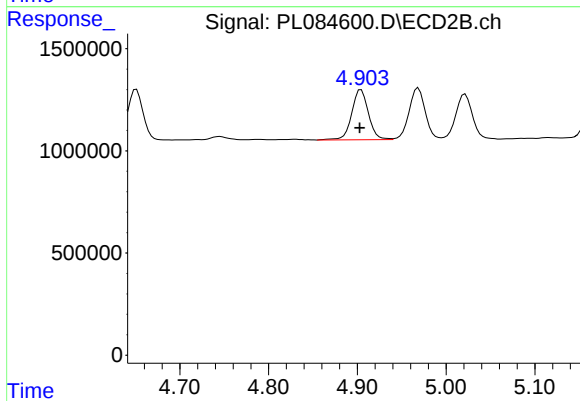
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.002 min
Response: 2862827
Conc: 2.31 ng/ml



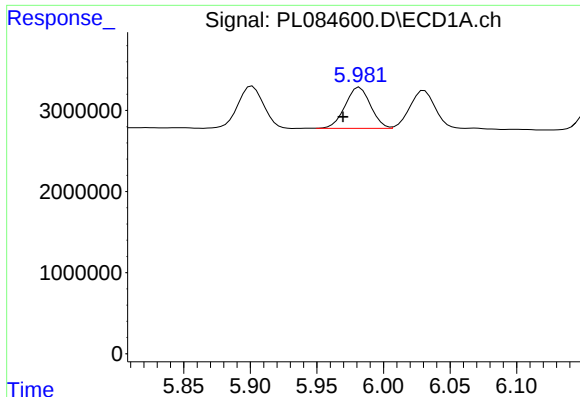
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: 0.012 min
Response: 6929225
Conc: 2.42 ng/ml



#10 gamma-Chlordane

R.T.: 4.904 min
Delta R.T.: 0.002 min
Response: 3211405
Conc: 2.37 ng/ml



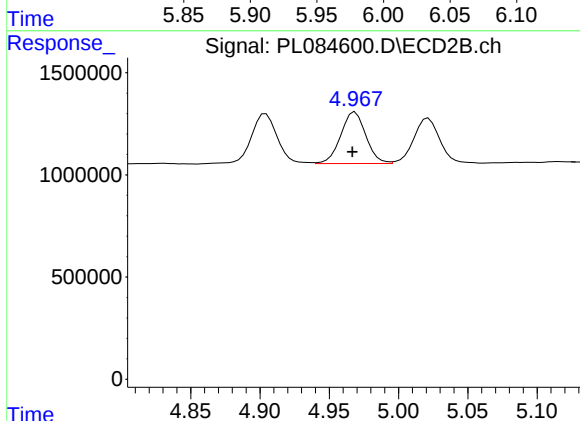
#11 alpha-Chlordane

R.T.: 5.982 min
Delta R.T.: 0.013 min
Response: 6757589
Conc: 2.39 ng/ml

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

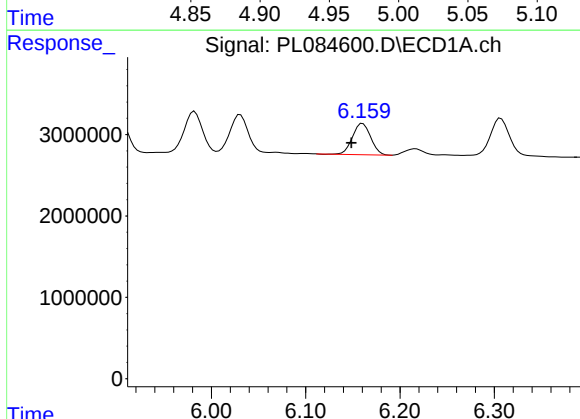
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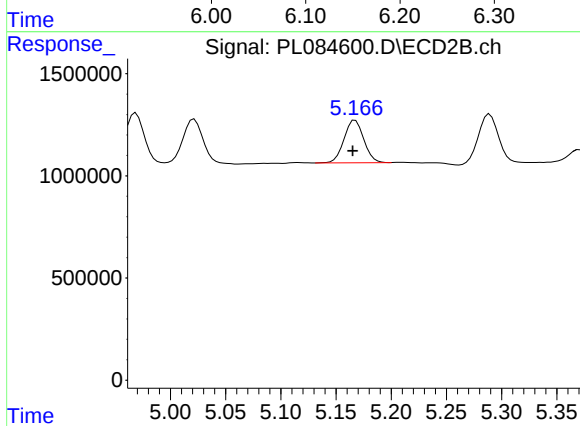
#11 alpha-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.002 min
Response: 3187793
Conc: 2.34 ng/ml



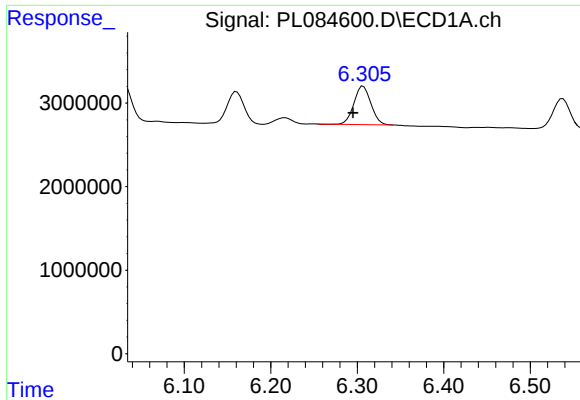
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: 0.012 min
Response: 5169493
Conc: 2.25 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: 0.002 min
Response: 2609396
Conc: 2.12 ng/ml



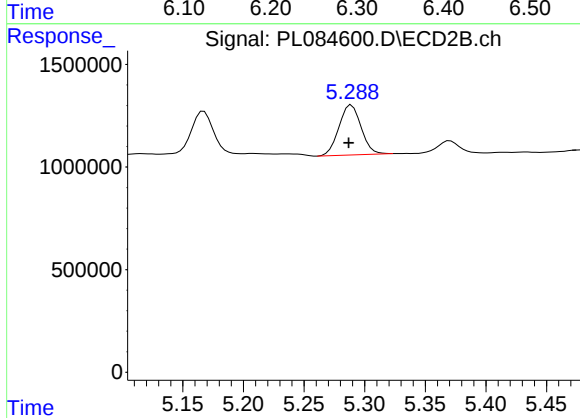
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: 0.012 min
Response: 6262118
Conc: 2.37 ng/ml

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

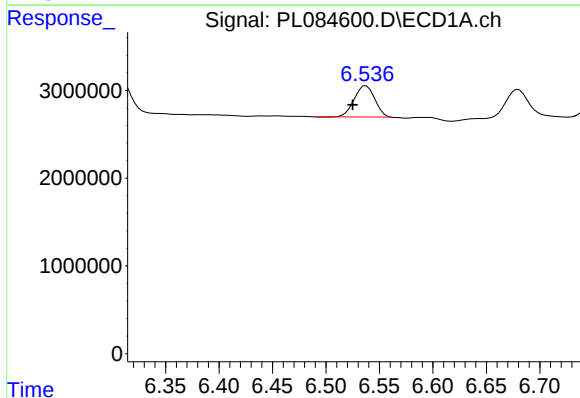
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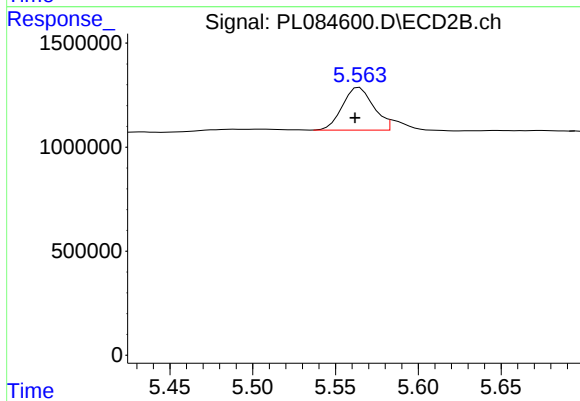
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 3095573
Conc: 2.28 ng/ml m



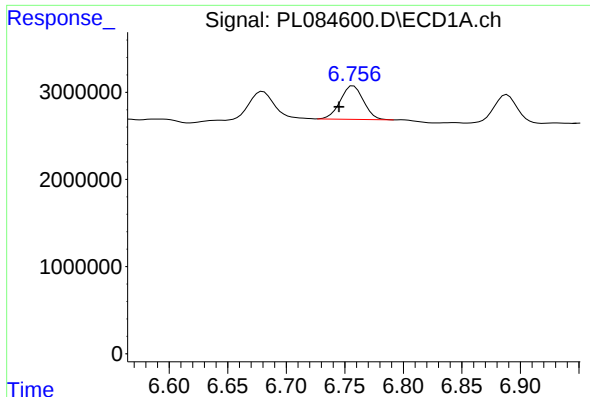
#14 Endrin

R.T.: 6.538 min
Delta R.T.: 0.013 min
Response: 4776999
Conc: 2.19 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: 0.001 min
Response: 2702399
Conc: 2.21 ng/ml m



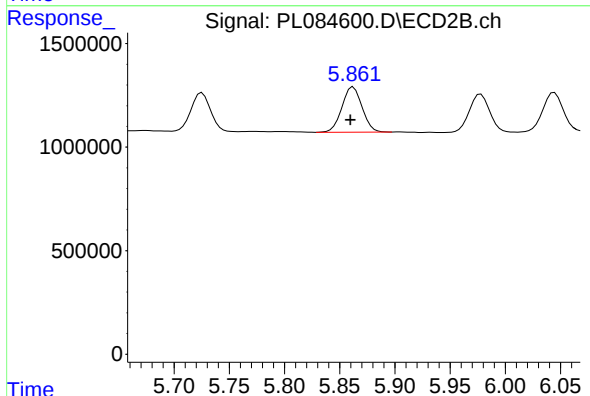
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.011 min
Response: 5303650
Conc: 2.51 ng/ml

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

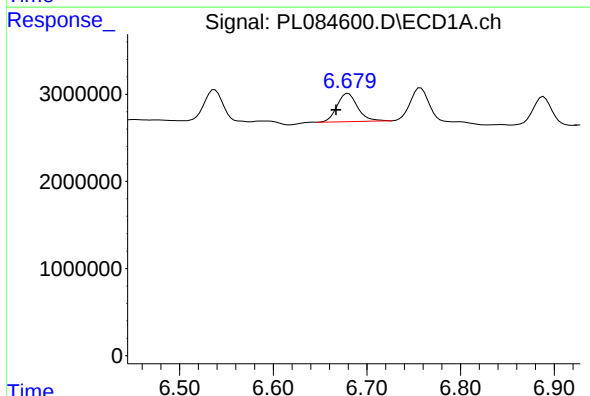
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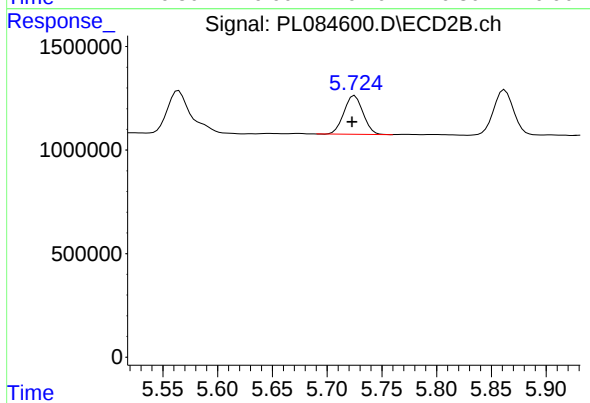
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: 0.003 min
Response: 2782830
Conc: 2.31 ng/ml



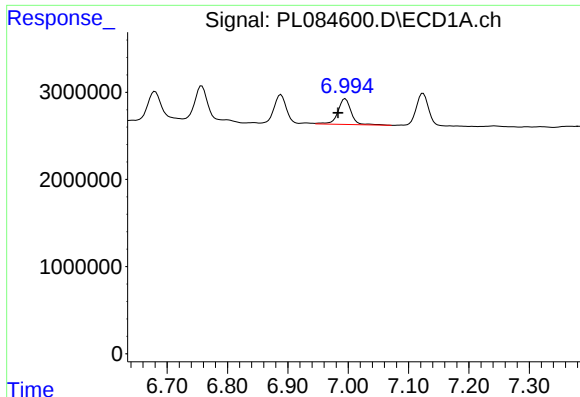
#16 4,4'-DDD

R.T.: 6.679 min
Delta R.T.: 0.012 min
Response: 4963131
Conc: 2.96 ng/ml m



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.003 min
Response: 2275331
Conc: 2.20 ng/ml



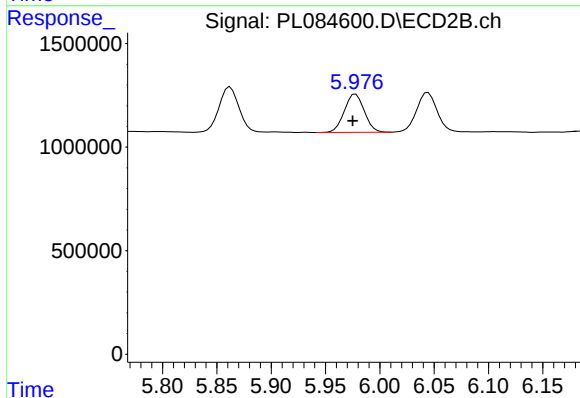
#17 4,4'-DDT

R.T.: 6.995 min
Delta R.T.: 0.012 min
Response: 4499812
Conc: 2.40 ng/ml

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

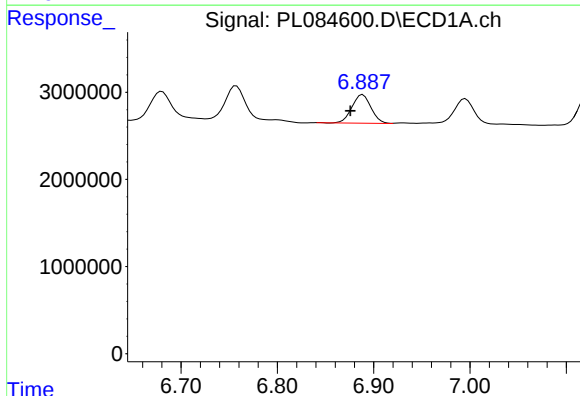
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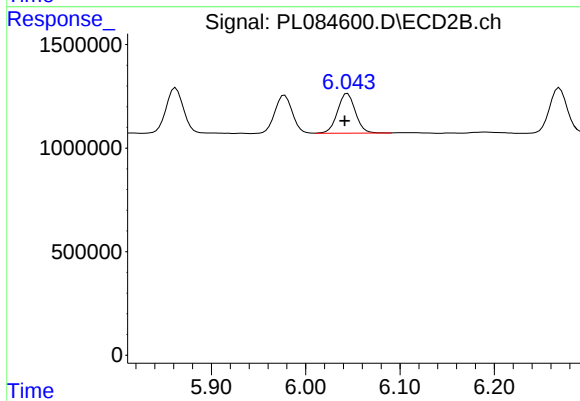
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.003 min
Response: 2376583
Conc: 2.05 ng/ml



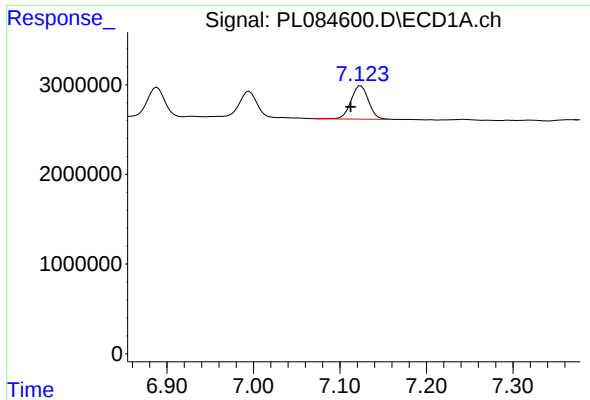
#18 Endrin aldehyde

R.T.: 6.889 min
Delta R.T.: 0.013 min
Response: 4495792
Conc: 2.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.003 min
Response: 2519694
Conc: 2.54 ng/ml



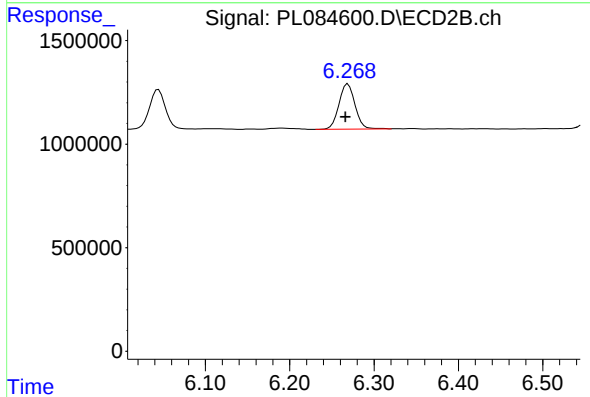
#19 Endosulfan Sulfate

R.T.: 7.124 min
Delta R.T.: 0.012 min
Response: 5241727
Conc: 2.62 ng/ml

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

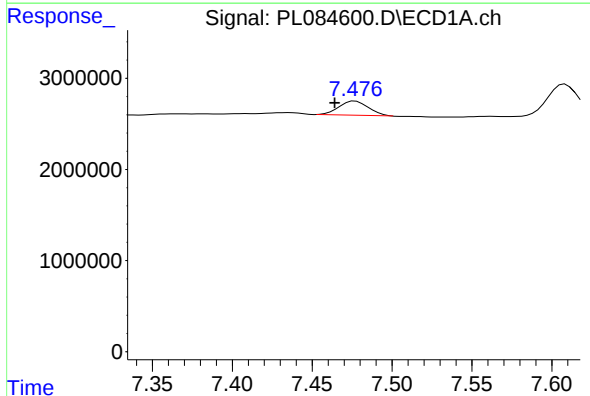
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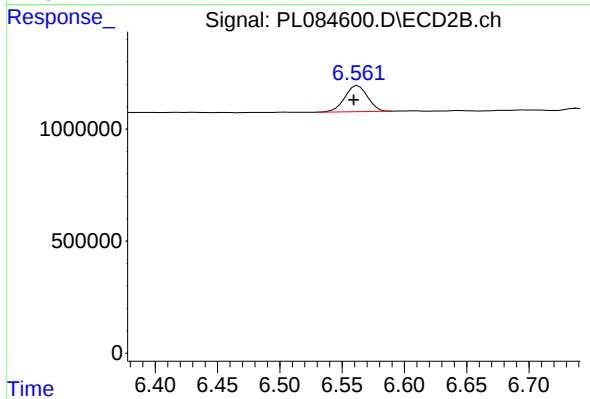
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: 0.003 min
Response: 2898041
Conc: 2.44 ng/ml



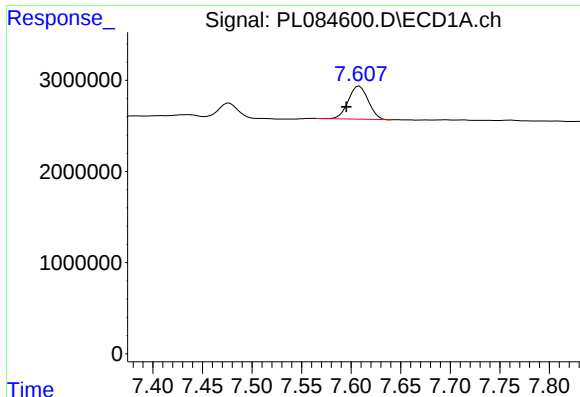
#20 Methoxychlor

R.T.: 7.477 min
Delta R.T.: 0.013 min
Response: 1956382
Conc: 2.04 ng/ml



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: 0.003 min
Response: 1484723
Conc: 2.16 ng/ml



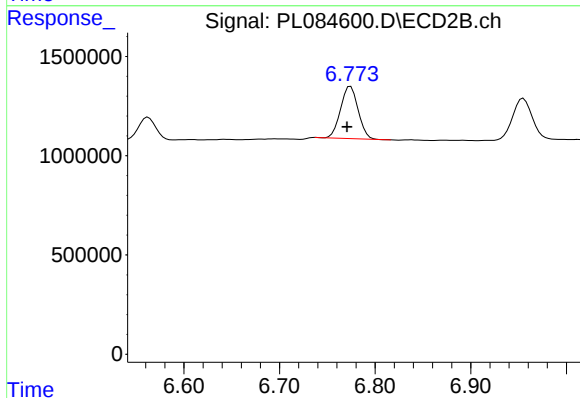
#21 Endrin ketone

R.T.: 7.608 min
Delta R.T.: 0.013 min
Response: 5052165
Conc: 2.53 ng/ml

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

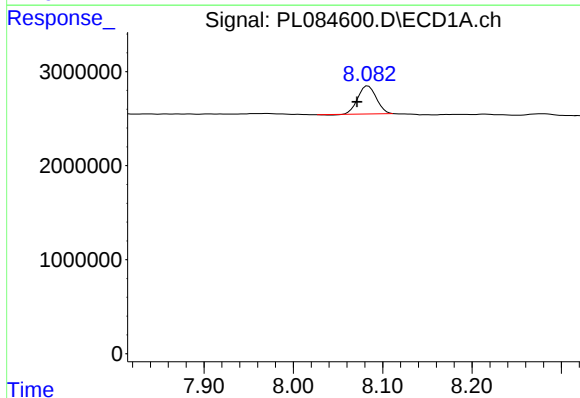
Manual Integrations
APPROVED

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



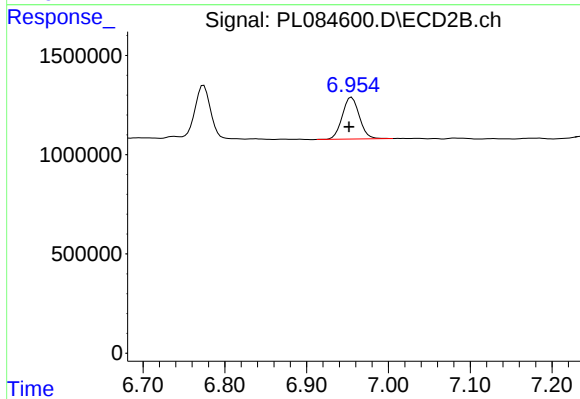
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: 0.004 min
Response: 3334653
Conc: 2.31 ng/ml



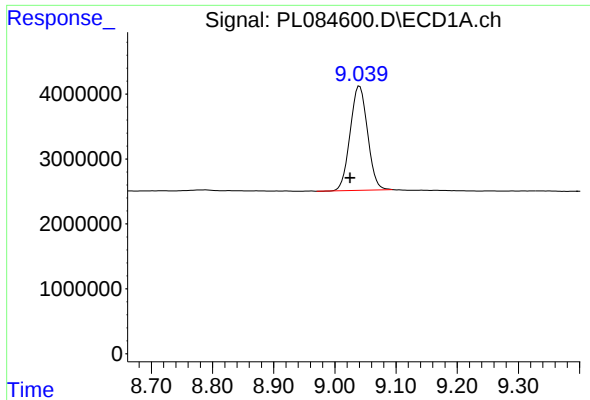
#22 Mirex

R.T.: 8.084 min
Delta R.T.: 0.012 min
Response: 4295256
Conc: 2.59 ng/ml



#22 Mirex

R.T.: 6.955 min
Delta R.T.: 0.003 min
Response: 3035908
Conc: 2.63 ng/ml



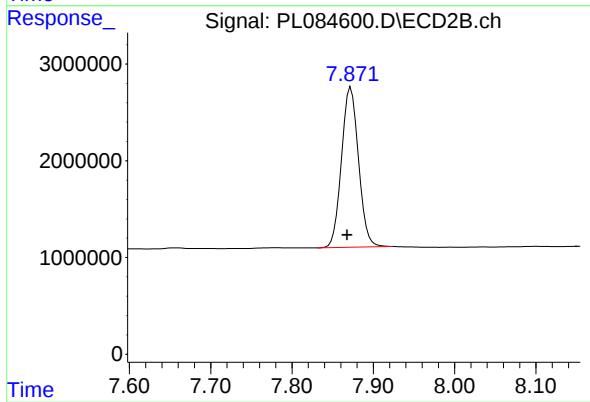
#28 Decachlorobiphenyl

R.T.: 9.040 min
Delta R.T.: 0.016 min
Response: 31710647
Conc: 19.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.005 min
Response: 23971893
Conc: 19.23 ng/ml