

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
 Data File : PL093800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2025 16:59
 Operator : AR\AJ
 Sample : Q1168-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/27/2025
 Supervised By :Ankita Jodhani 01/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 24 22:59:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.775	52324186	60621165	19.431	18.572
28)	SA Decachlor...	9.053	7.910	45407710	72439715	21.706	20.673
Target Compounds							
2)	A alpha-BHC	3.993	3.277	19104836	19991749	4.983	4.089
3)	MA gamma-BHC...	4.326	3.607	18804741	19642813	5.106	4.143
4)	MA Heptachlor	4.913	3.945	17905792	20522460	5.464	4.409
5)	MB Aldrin	5.255	4.225	17407048	19801635	5.320	4.341
6)	B beta-BHC	4.524	3.907	8798110	9651829	5.474	4.832
7)	B delta-BHC	4.771	4.135	19481168	20032294	5.558	4.216
8)	B Heptachlo...	5.682	4.727	16346496	19763846	5.497	4.728
9)	A Endosulfan I	6.067	5.096	14316664	18493735	5.417	4.770
10)	B gamma-Chl...	5.938	4.975	15194557	19831429	5.451	4.680m
11)	B alpha-Chl...	6.017	5.040	15603484	20281049	5.596	4.844
12)	B 4,4'-DDE	6.191	5.229	14120379	19452076	5.800	4.852
13)	MA Dieldrin	6.342	5.361	15387086	19342250	5.543	4.503
14)	MA Endrin	6.570	5.635	11216933	15234985	4.784m	4.126m
15)	B Endosulfa...	6.790	5.931	13361800	17656289	5.546m	4.767
16)	A 4,4'-DDD	6.707	5.784	11608788	16189213	6.108m	5.129
17)	MA 4,4'-DDT	7.021	6.034	10019195	13450461	5.081	4.133
18)	B Endrin al...	6.922	6.110	11529143	15485268	5.930	5.086
19)	B Endosulfa...	7.157	6.333	13218121	17569726	5.839	4.927
20)	A Methoxychlor	7.498	6.609	5759903	8228129	5.520	4.602
21)	B Endrin ke...	7.642	6.838	14746276	21277160	5.846	5.072
22)	Mirex	8.115	7.018	12519079	17842701	6.012	5.276

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012425\
Data File : PL093800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2025 16:59
Operator : AR\AJ
Sample : Q1168-08
Misc : PEST LOQ 5PPB
ALS Vial : 19 Sample Multiplier: 1

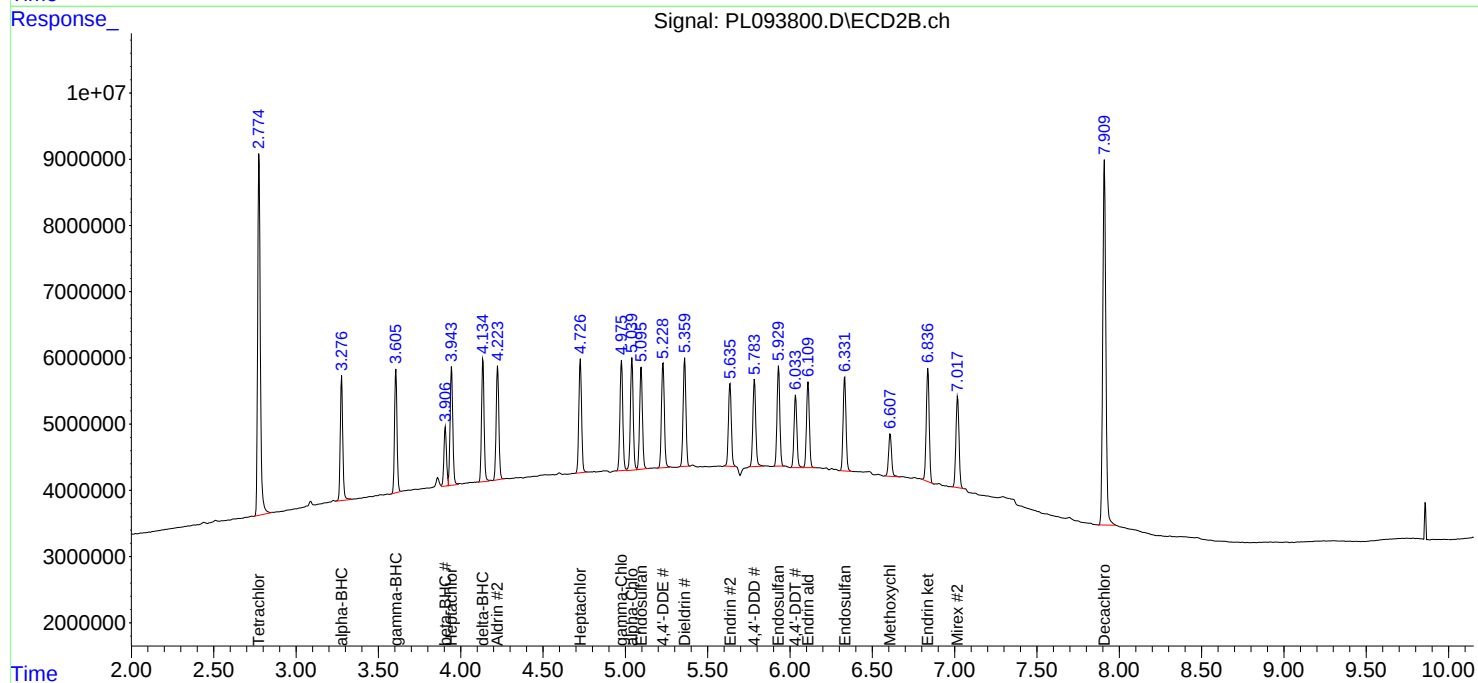
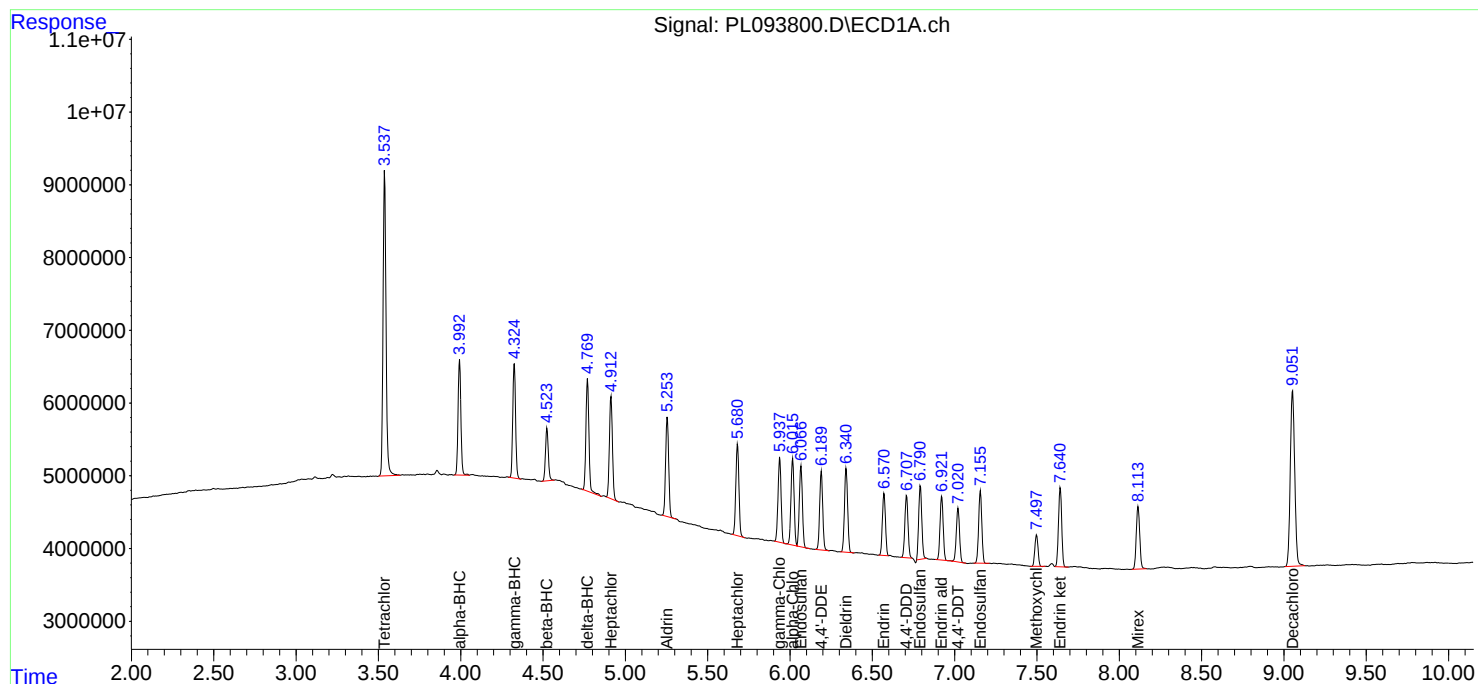
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

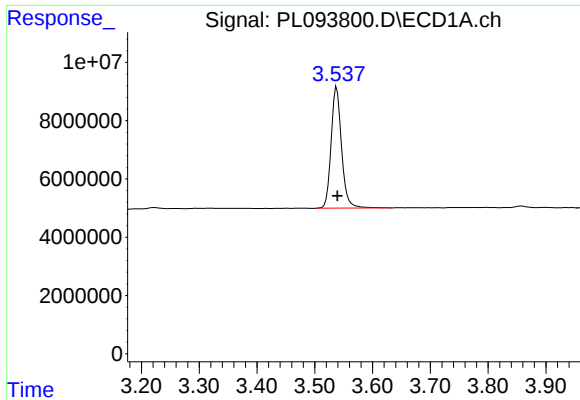
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 24 22:59:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
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Volume Inj. : 1 µl
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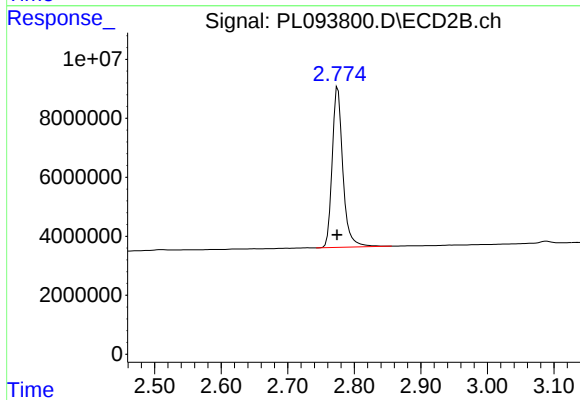
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 52324186
Conc: 19.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

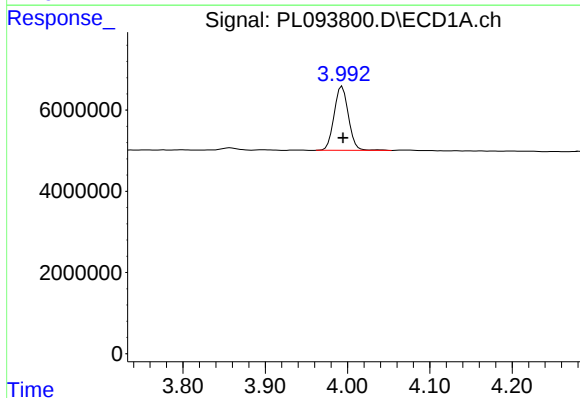
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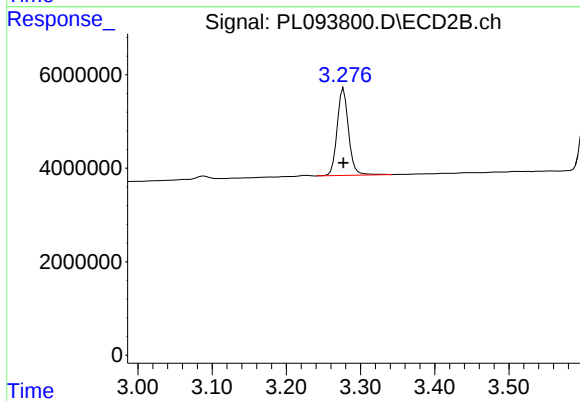
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 60621165
Conc: 18.57 ng/ml



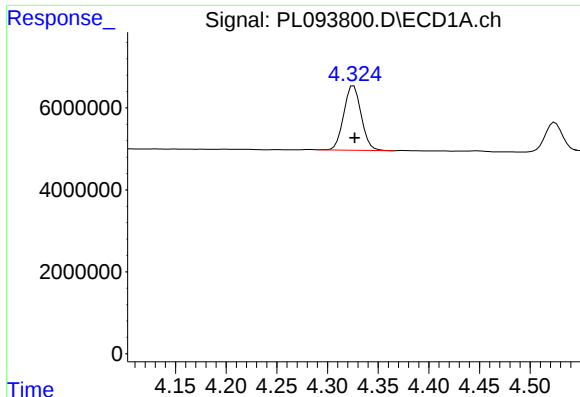
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 19104836
Conc: 4.98 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 19991749
Conc: 4.09 ng/ml



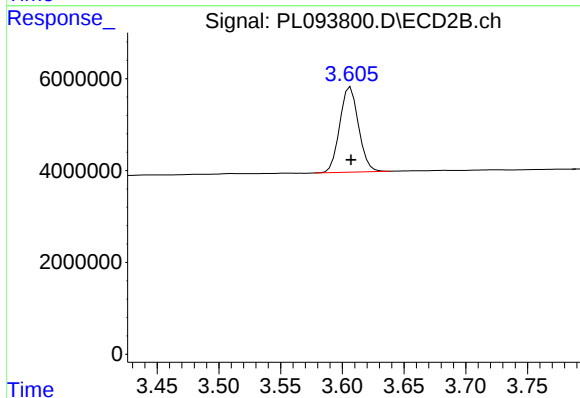
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 18804741
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

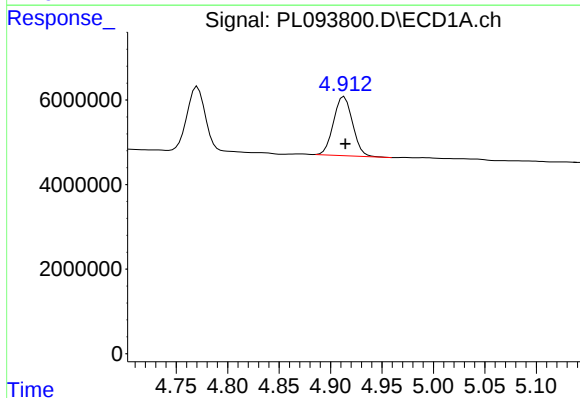
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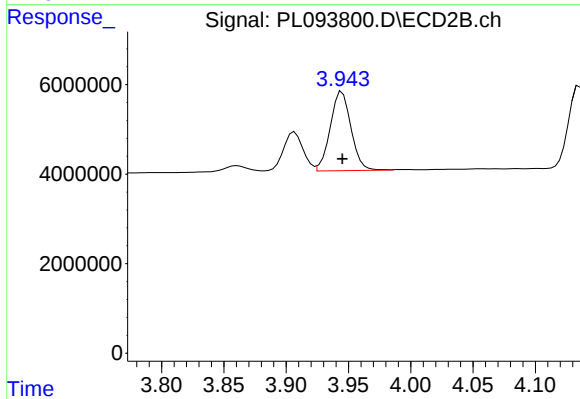
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 19642813
Conc: 4.14 ng/ml



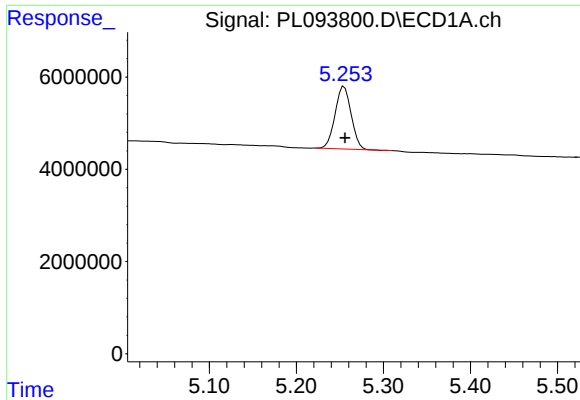
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 17905792
Conc: 5.46 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 20522460
Conc: 4.41 ng/ml



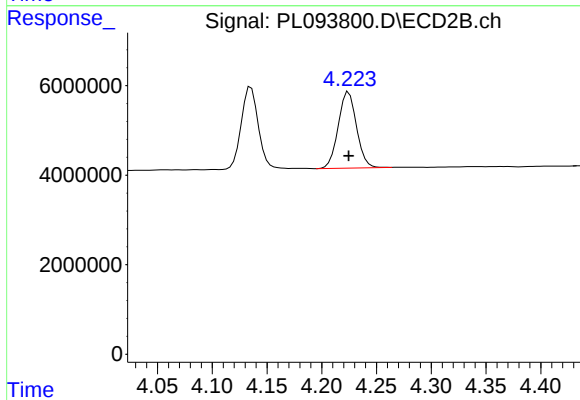
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 17407048
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

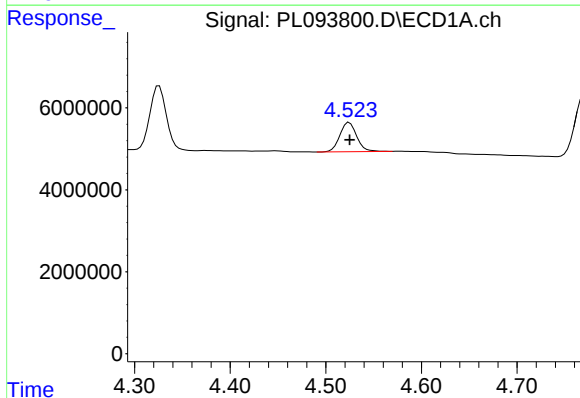
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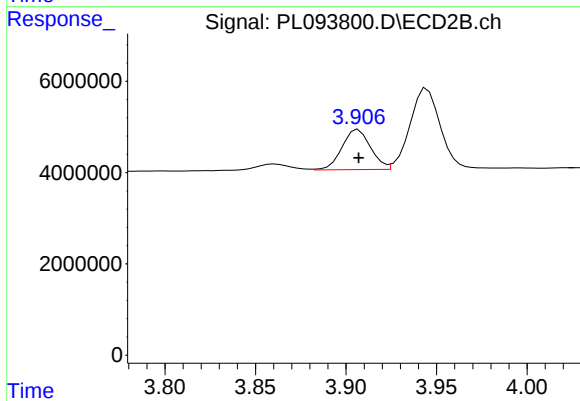
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 19801635
Conc: 4.34 ng/ml



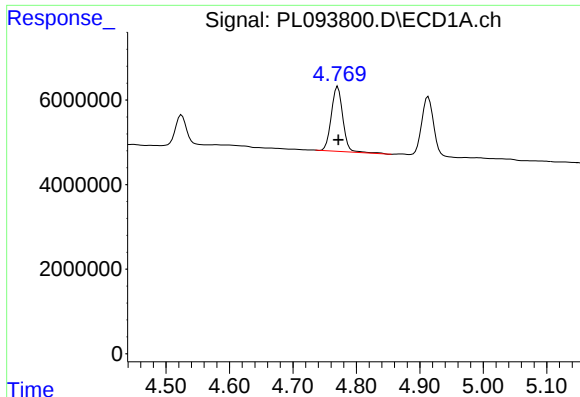
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 8798110
Conc: 5.47 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 9651829
Conc: 4.83 ng/ml



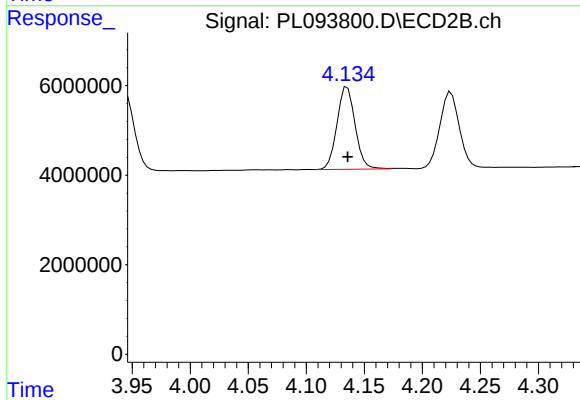
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 19481168
Conc: 5.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

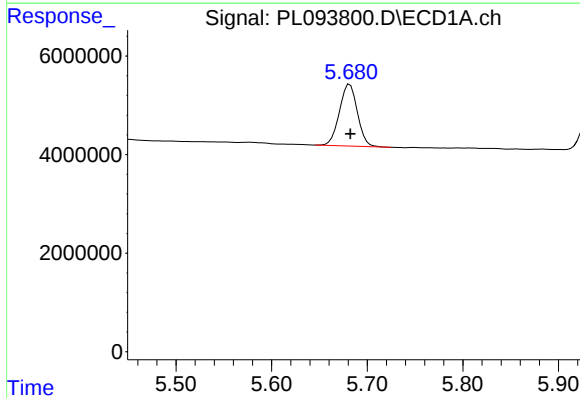
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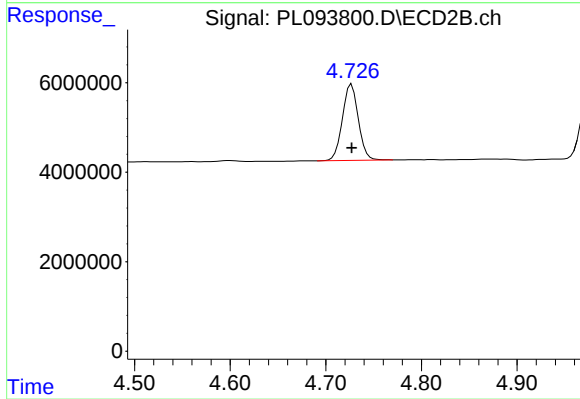
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 20032294
Conc: 4.22 ng/ml



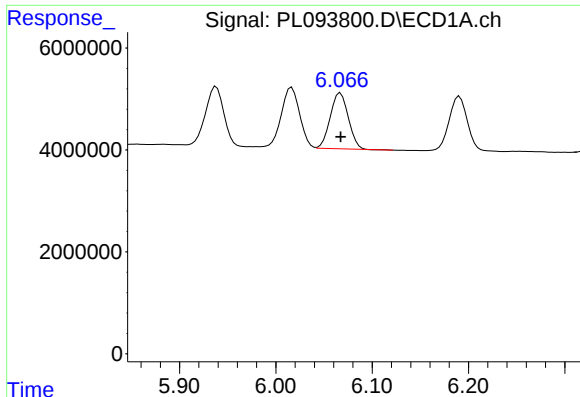
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 16346496
Conc: 5.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 19763846
Conc: 4.73 ng/ml



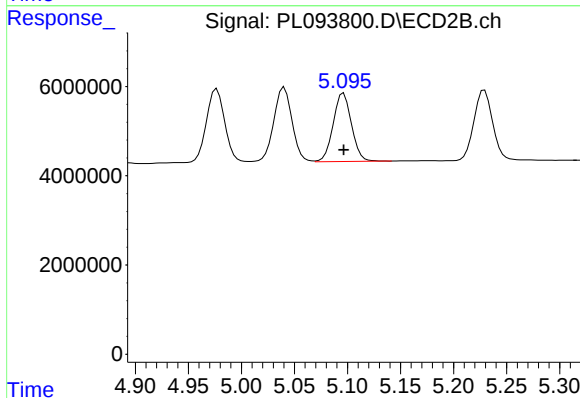
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 14316664
Conc: 5.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

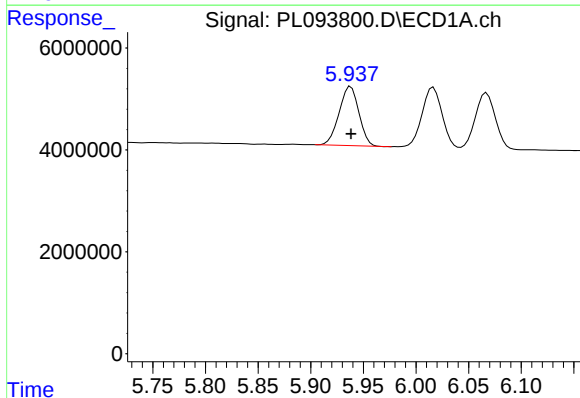
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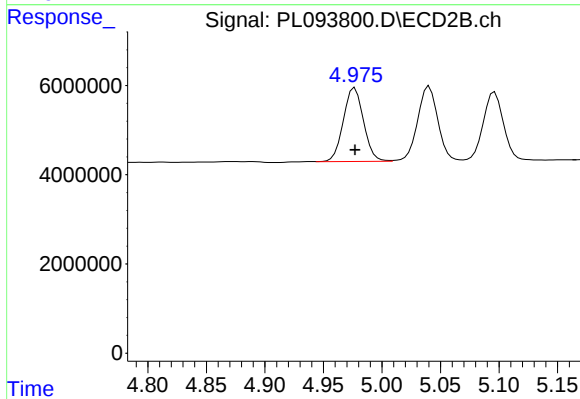
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 18493735
Conc: 4.77 ng/ml



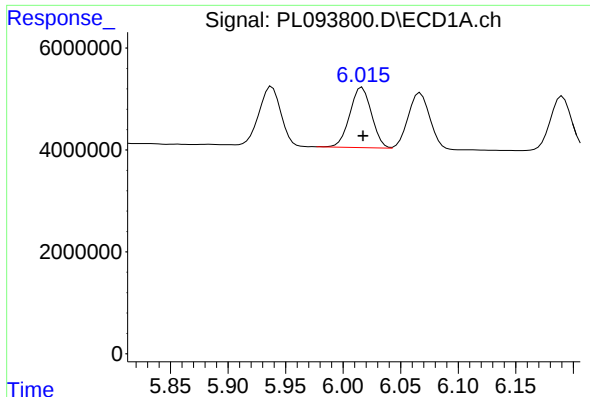
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.000 min
Response: 15194557
Conc: 5.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 19831429
Conc: 4.68 ng/ml m



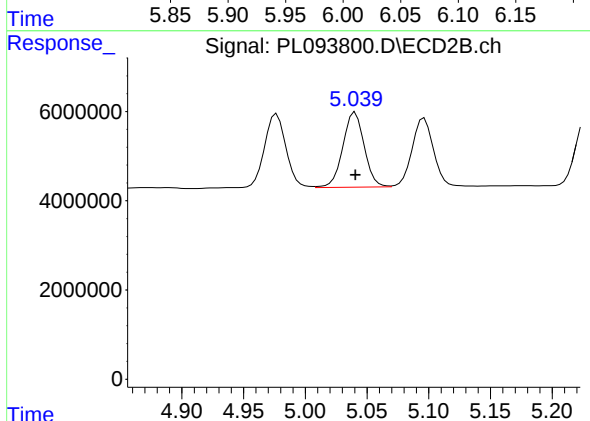
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 15603484
Conc: 5.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

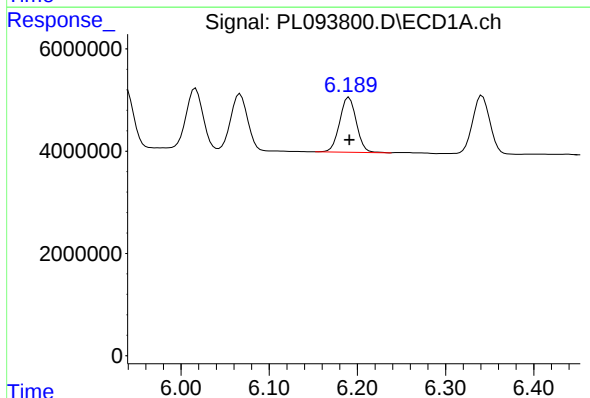
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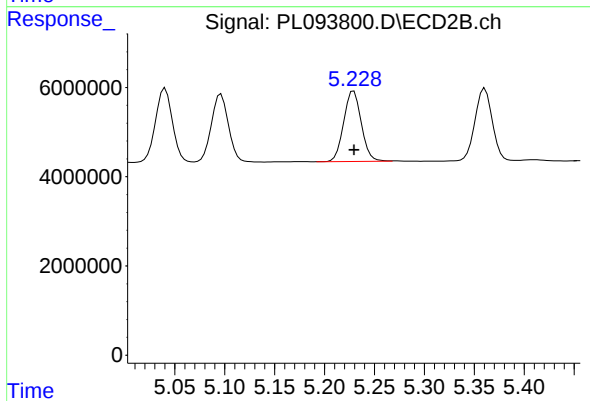
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 20281049
Conc: 4.84 ng/ml



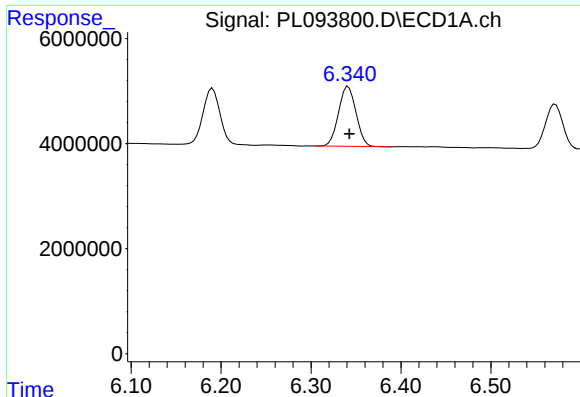
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 14120379
Conc: 5.80 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 19452076
Conc: 4.85 ng/ml



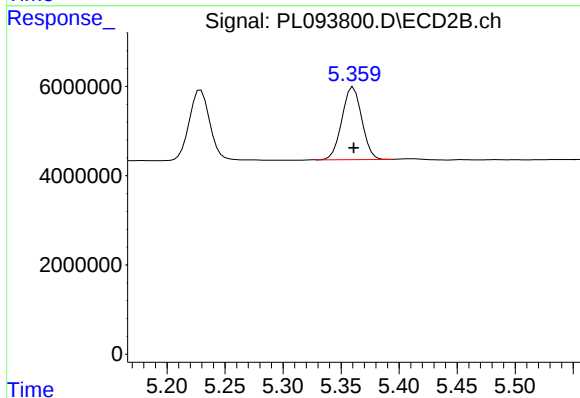
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.001 min
Response: 15387086
Conc: 5.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

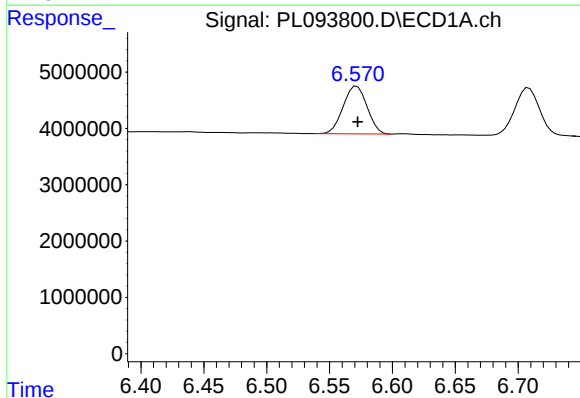
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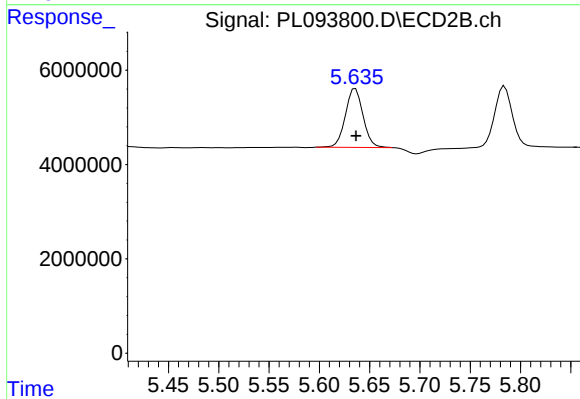
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 19342250
Conc: 4.50 ng/ml



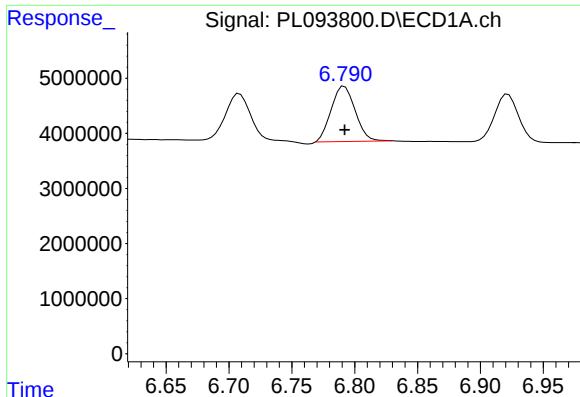
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 11216933
Conc: 4.78 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 15234985
Conc: 4.13 ng/ml m



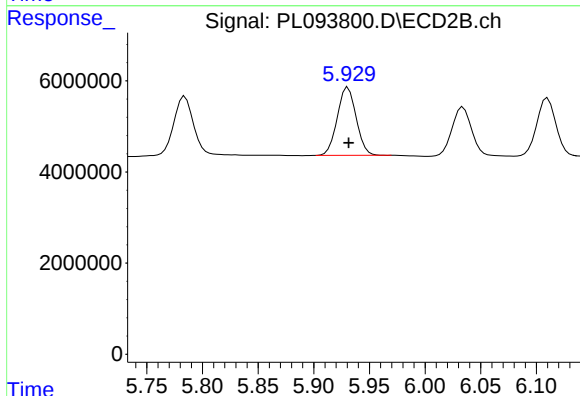
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 13361800
Conc: 5.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

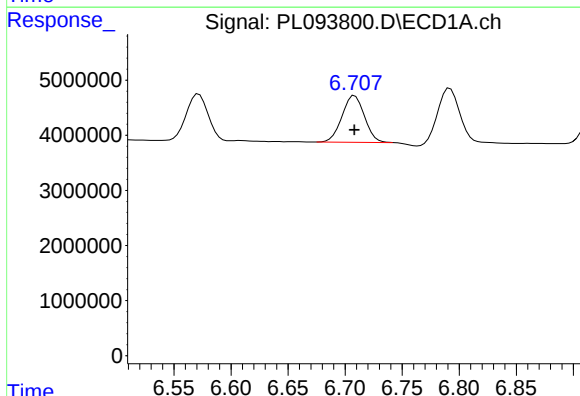
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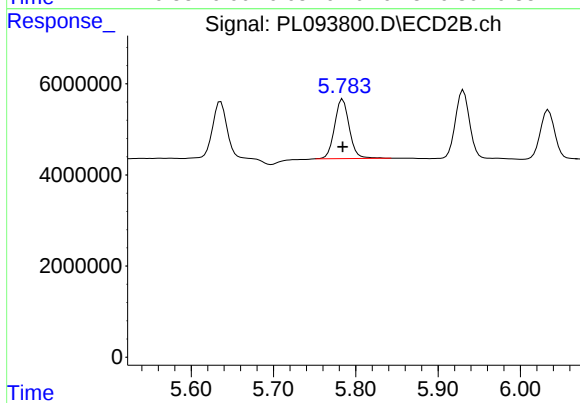
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 17656289
Conc: 4.77 ng/ml



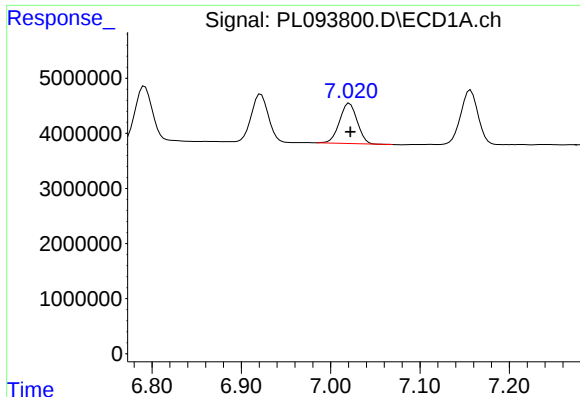
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.001 min
Response: 11608788
Conc: 6.11 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 16189213
Conc: 5.13 ng/ml



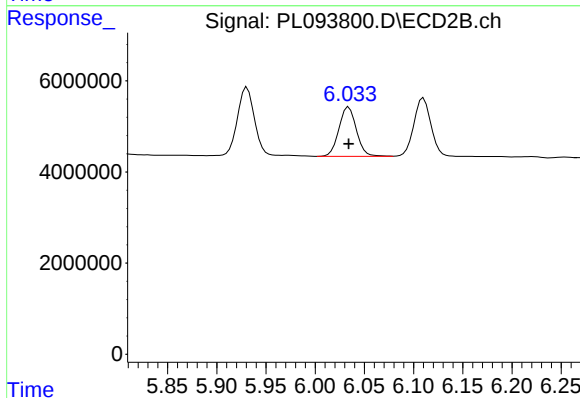
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 10019195
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

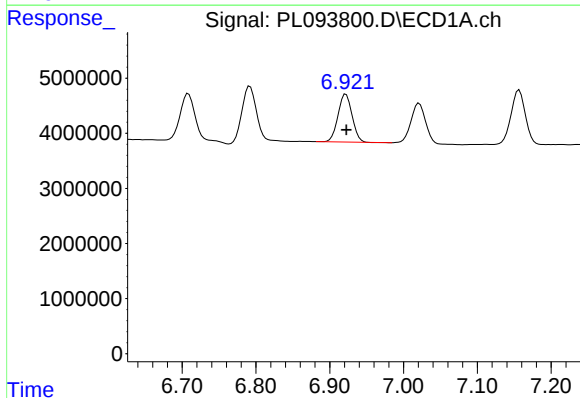
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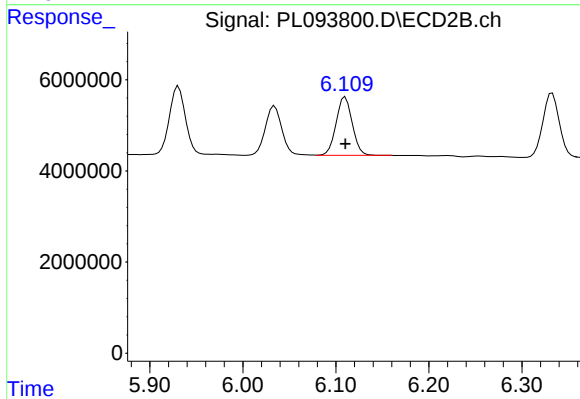
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 13450461
Conc: 4.13 ng/ml



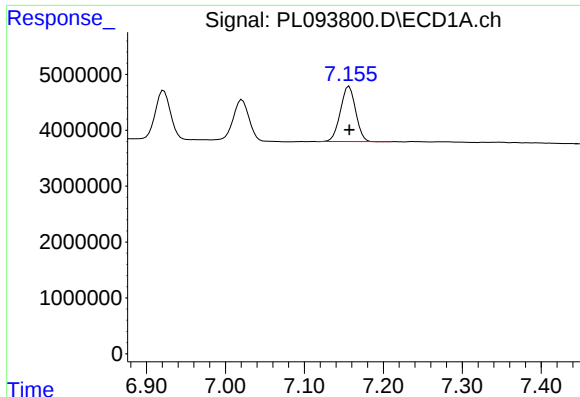
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 11529143
Conc: 5.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 15485268
Conc: 5.09 ng/ml



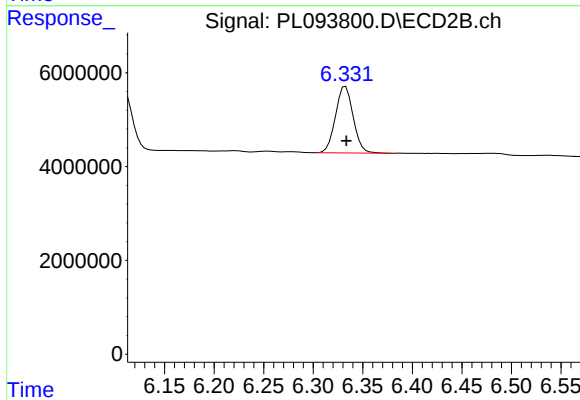
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 13218121
Conc: 5.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

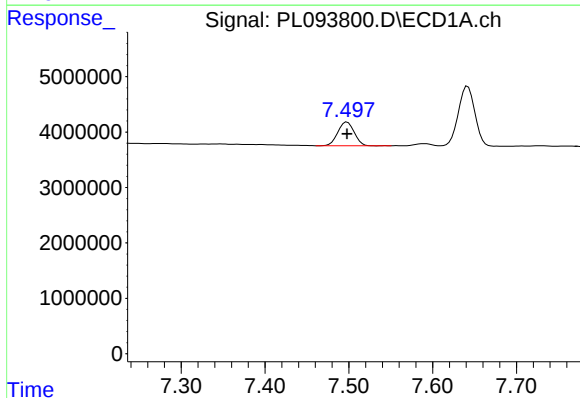
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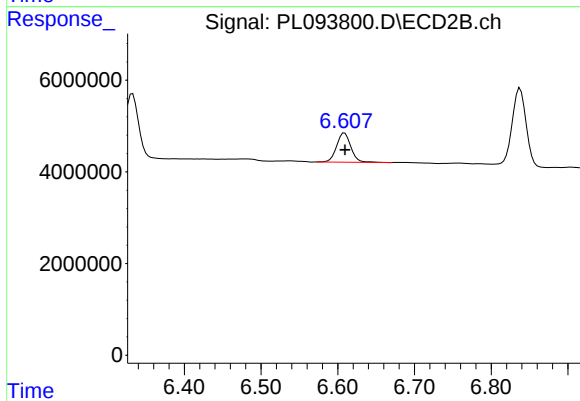
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 17569726
Conc: 4.93 ng/ml



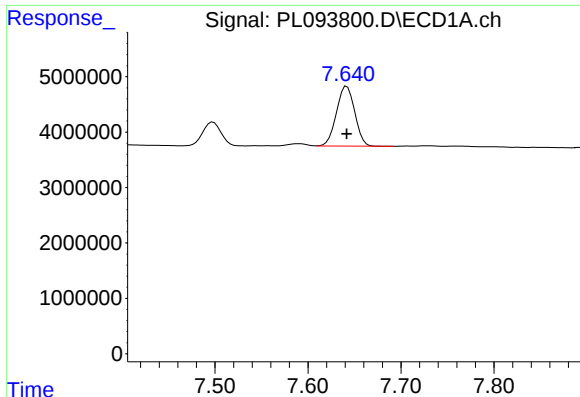
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 5759903
Conc: 5.52 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 8228129
Conc: 4.60 ng/ml



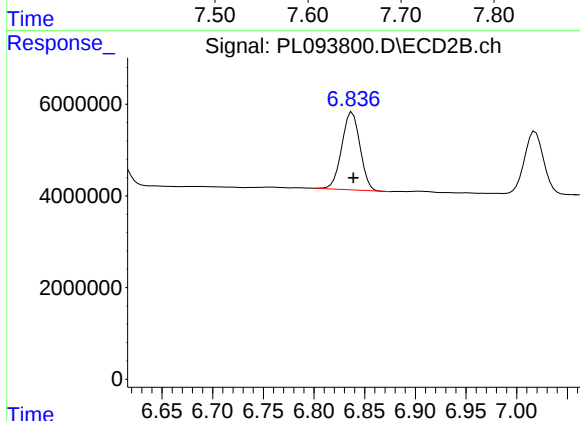
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 14746276
Conc: 5.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT1-2025

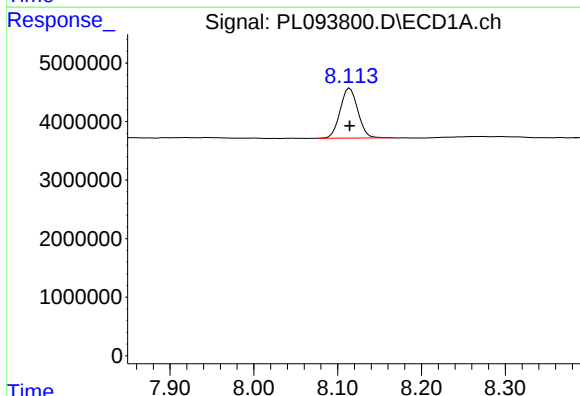
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/27/2025
Supervised By :Ankita Jodhani 01/27/2025



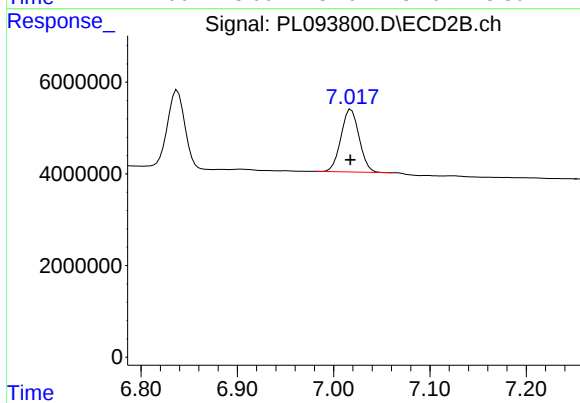
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 21277160
Conc: 5.07 ng/ml



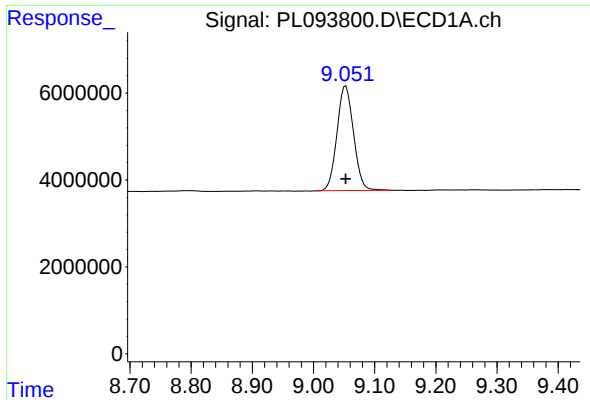
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 12519079
Conc: 6.01 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 17842701
Conc: 5.28 ng/ml



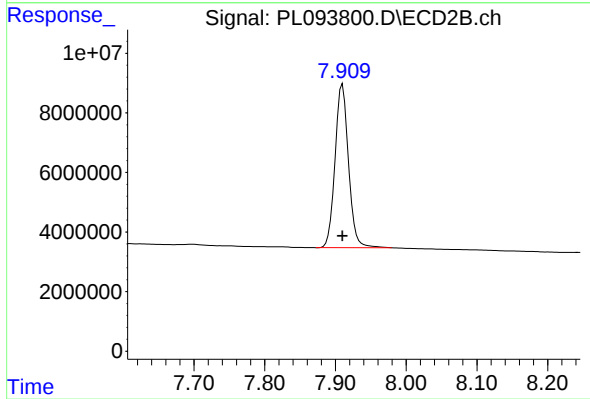
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 45407710
Conc: 21.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 72439715
Conc: 20.67 ng/ml