

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
 Data File : PL085801.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 22:07
 Operator : AR\AJ
 Sample : 04699-07
 Misc : PEST LOD 25PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:27:39 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...	3.358	2.622	56306554	17342076	18.932	18.565
28)	SA Decachlor...	8.861	7.776	52031811	20993210	23.889	22.745
Target Compounds							
2)	A alpha-BHC	3.812	3.121	9118422	2443716	2.125	1.942
3)	MA gamma-BHC...	4.143	3.447	9074728	2438408	2.196	1.977m
4)	MA Heptachlor	4.730	3.785	9856063	2886224	2.548m	2.482
5)	MB Aldrin	5.071	4.062	9057541	2391076	2.337	2.138
6)	B beta-BHC	4.346	3.751	5039150	1444567	3.047	2.775
7)	B delta-BHC	4.588	3.976	9159324	2295294	2.389m	1.998
8)	B Heptachlo...	5.499	4.567	8820800	2435775	2.557m	2.425
9)	A Endosulfan I	5.883	4.935	8240020	2863532	2.548m	2.669
10)	B gamma-Chl...	5.757	4.817	9088565	2711262	2.656m	2.738m
11)	B alpha-Chl...	5.836	4.881	9231372	2426904	2.701m	2.225m
12)	B 4,4'-DDE	6.019	5.082	7617251	1888272	2.724m	2.300
13)	MA Dieldrin	6.160	5.200	8340329	2124069	2.538m	2.189
14)	MA Endrin	6.390	5.474	7407810	2024752	2.599	2.252
15)	B Endosulfa...	6.612	5.772	8878824	2384188	3.222	2.507
16)	A 4,4'-DDD	6.539	5.638	6217027	1862349	3.086	2.676
17)	MA 4,4'-DDT	6.853	5.889	6626257	1771444	2.811m	2.240
18)	B Endrin al...	6.743	5.954	5989843	2494564	2.955	3.345
19)	B Endosulfa...	6.980	6.178	7642959	2385672	3.045	2.645
20)	A Methoxychlor	7.339	6.474	5507855	1291384	3.944m	2.455 #
21)	B Endrin ke...	7.461	6.680	7341355	3479423	2.549	3.027
22)	Mirex	7.935	6.857	6361740	3116490	2.873	3.304

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

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 Data File : PL085801.D
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 Acq On : 09 Oct 2023 22:07
 Operator : AR\AJ
 Sample : 04699-07
 Misc : PEST LOD 25PPB
 ALS Vial : 31 Sample Multiplier: 1

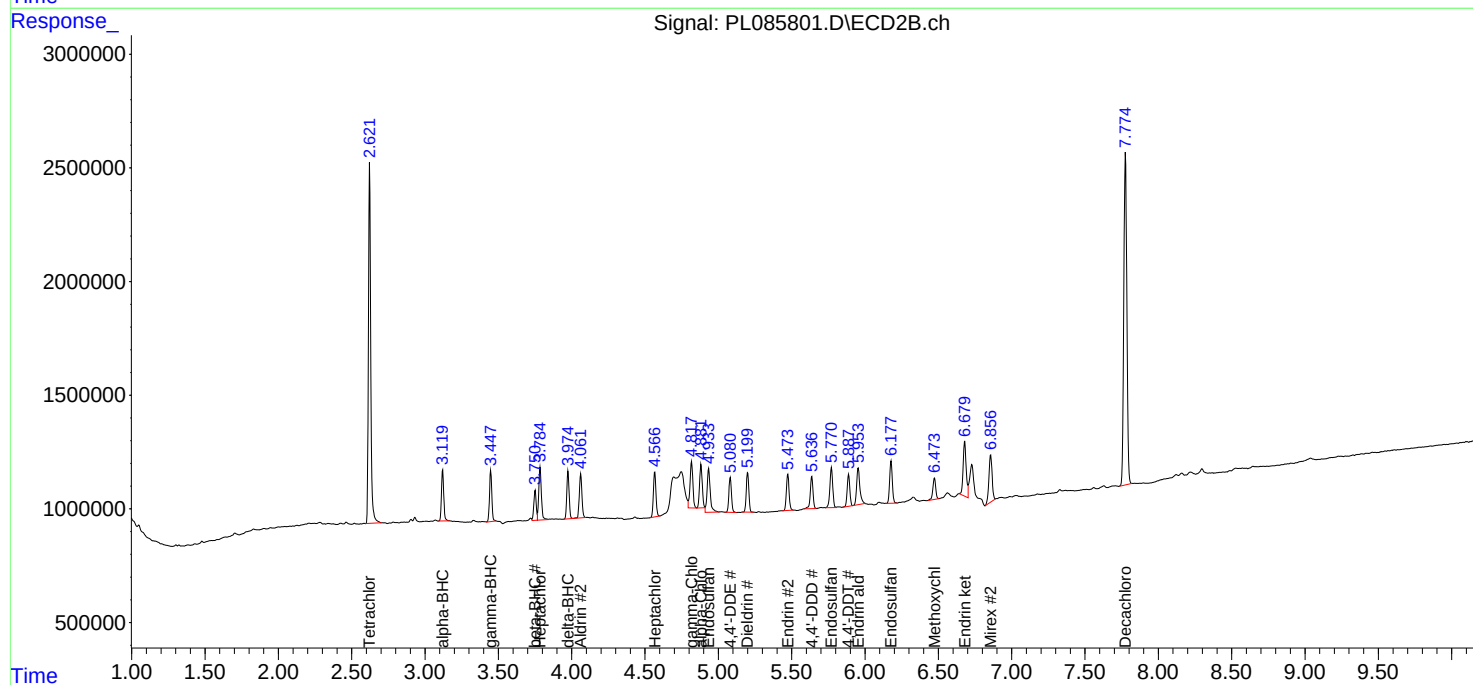
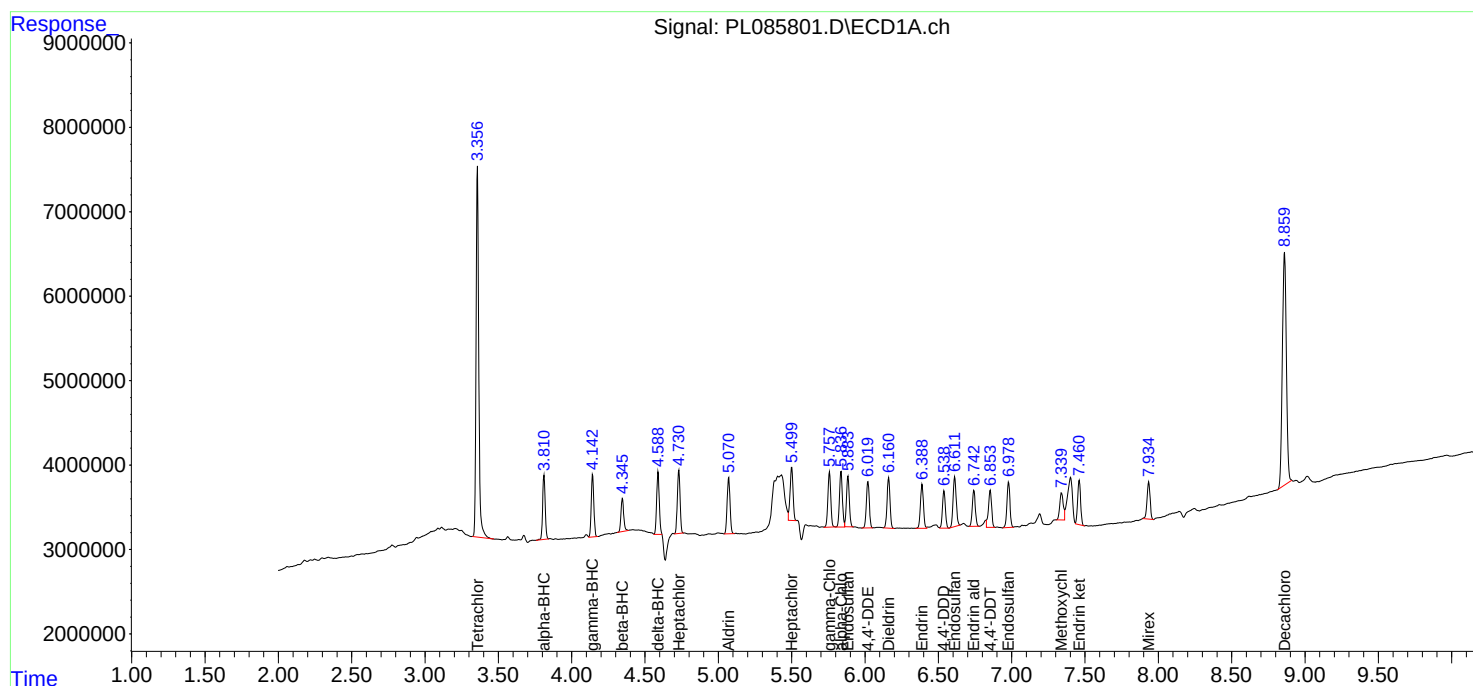
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

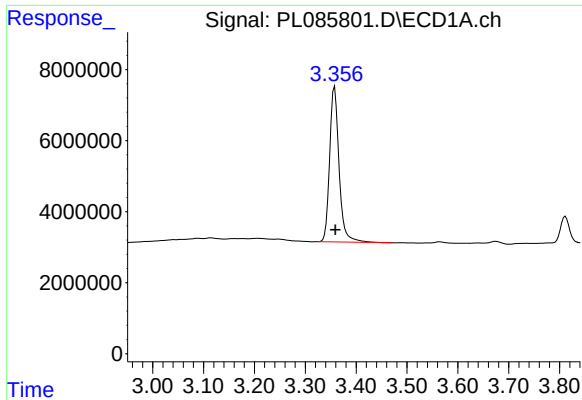
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:27:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
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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





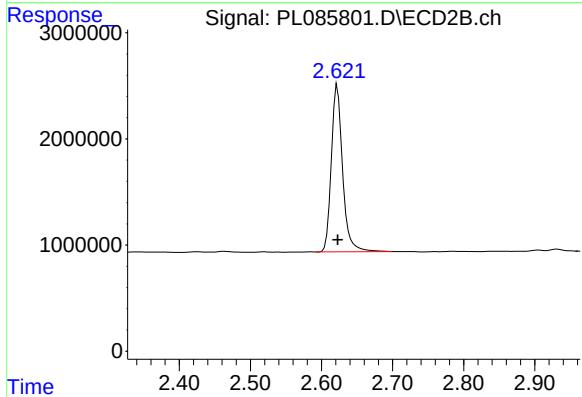
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.001 min
Response: 56306554
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

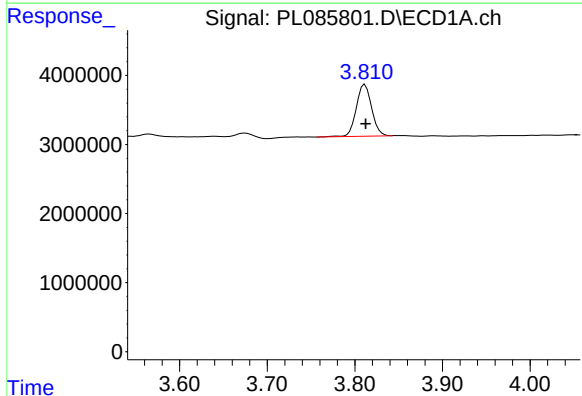
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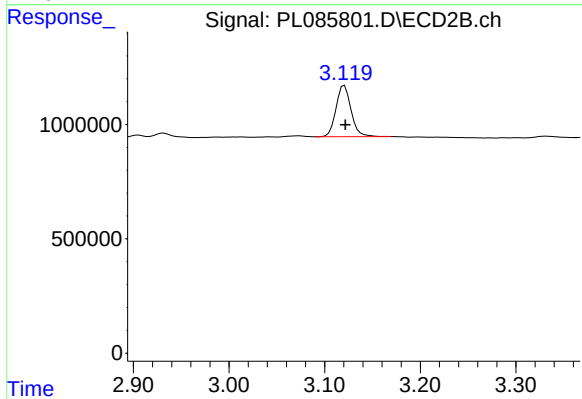
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 17342076
Conc: 18.57 ng/ml



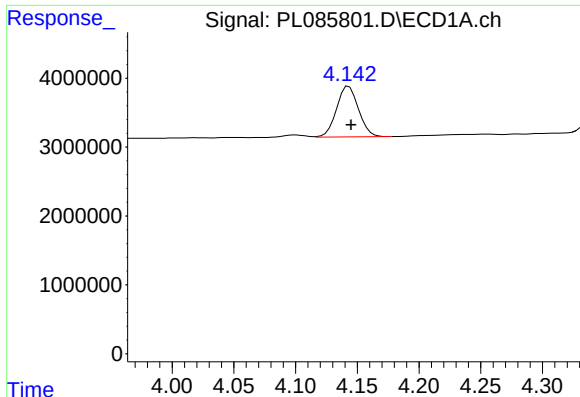
#2 alpha-BHC

R.T.: 3.812 min
Delta R.T.: -0.001 min
Response: 9118422
Conc: 2.12 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 2443716
Conc: 1.94 ng/ml



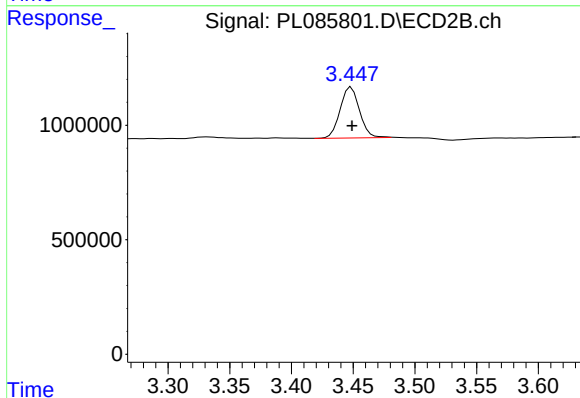
#3 gamma-BHC (Lindane)

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 9074728
Conc: 2.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
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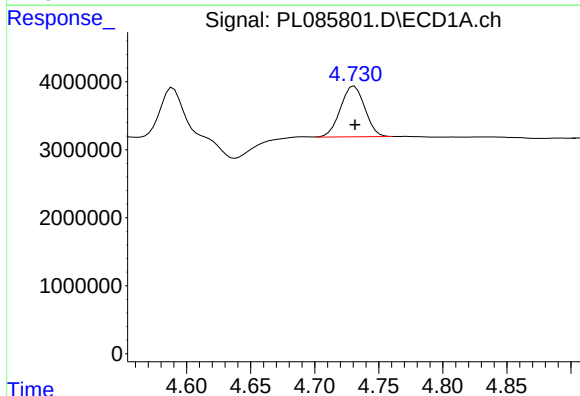
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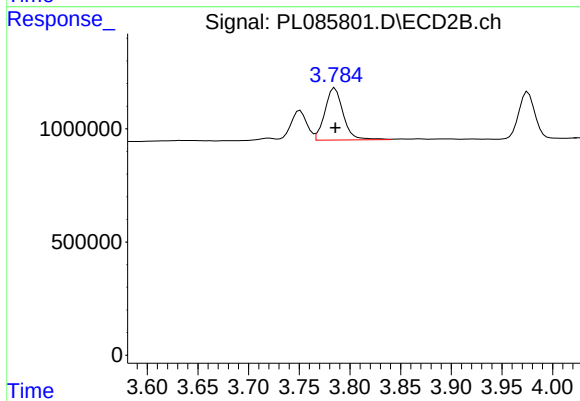
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2438408
Conc: 1.98 ng/ml m



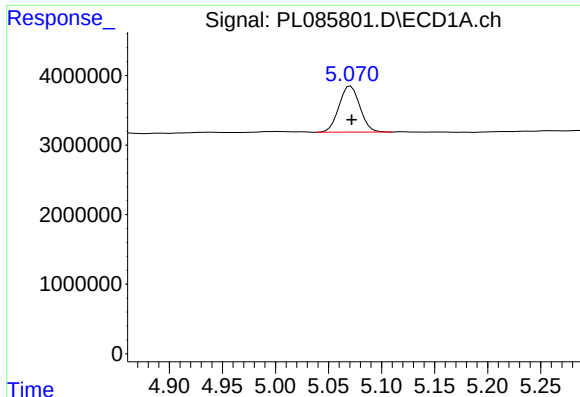
#4 Heptachlor

R.T.: 4.730 min
Delta R.T.: -0.002 min
Response: 9856063
Conc: 2.55 ng/ml m



#4 Heptachlor

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 2886224
Conc: 2.48 ng/ml



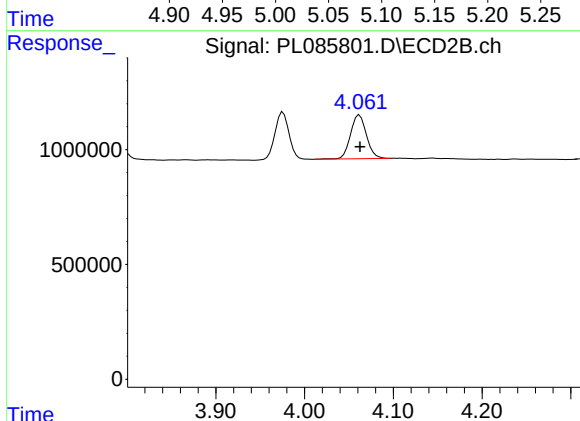
#5 Aldrin

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 9057541
Conc: 2.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

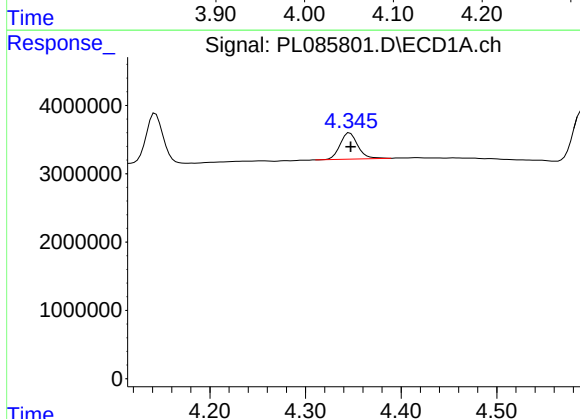
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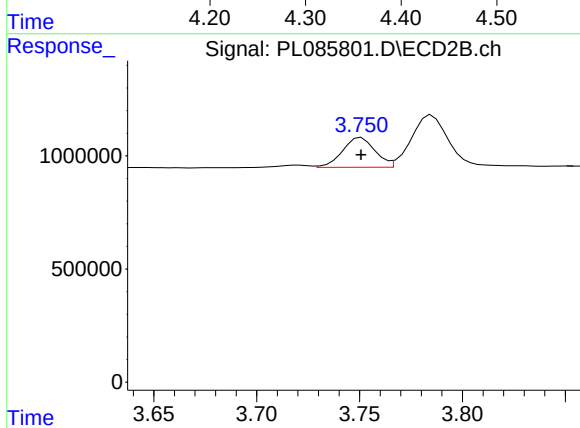
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 2391076
Conc: 2.14 ng/ml



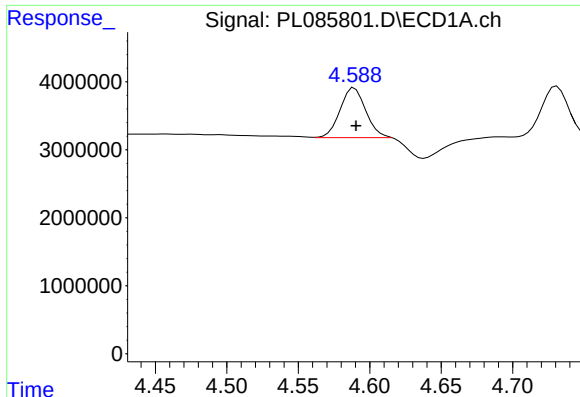
#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 5039150
Conc: 3.05 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 1444567
Conc: 2.77 ng/ml



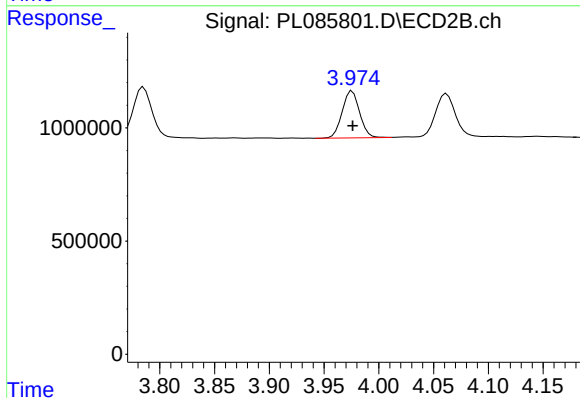
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 9159324
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

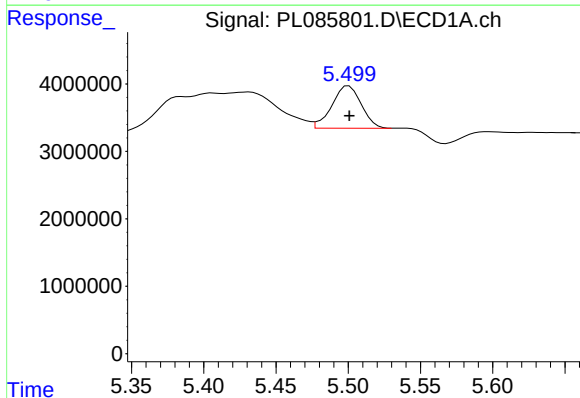
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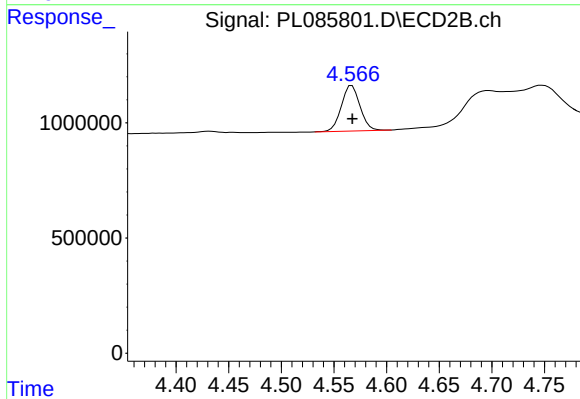
#7 delta-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 2295294
Conc: 2.00 ng/ml



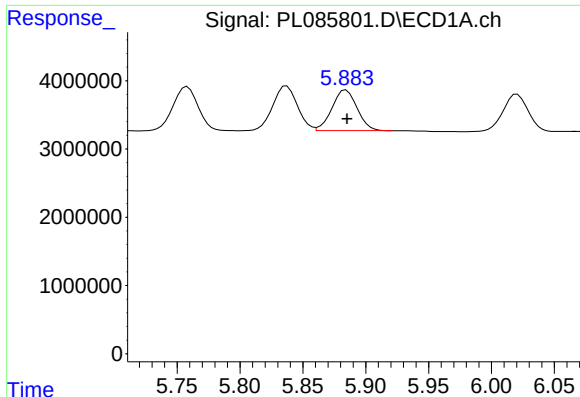
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 8820800
Conc: 2.56 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2435775
Conc: 2.43 ng/ml



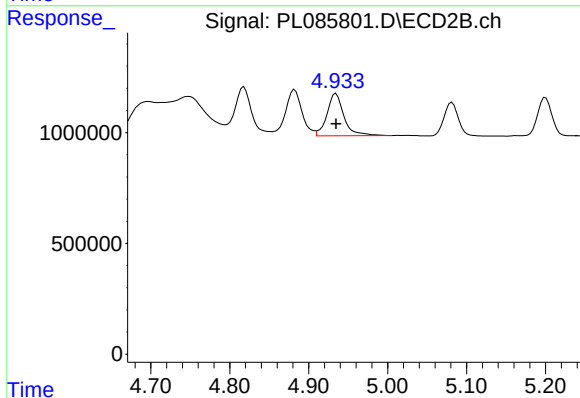
#9 Endosulfan I

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 8240020
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

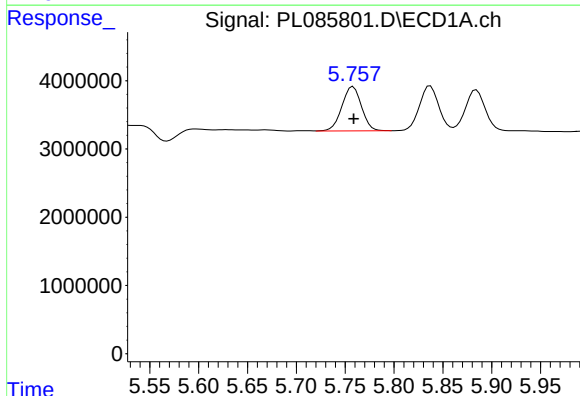
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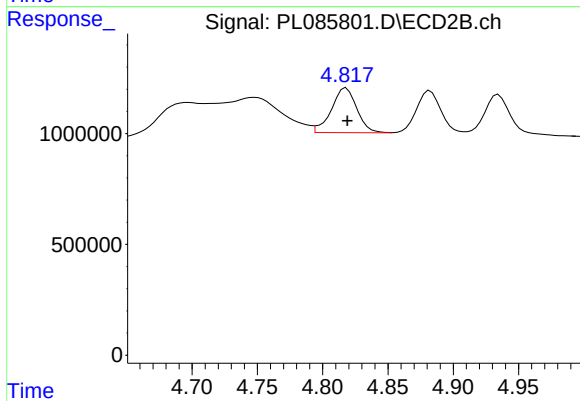
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 2863532
Conc: 2.67 ng/ml



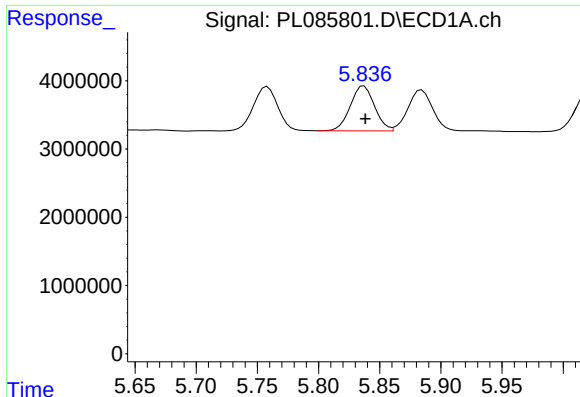
#10 gamma-Chlordane

R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 9088565
Conc: 2.66 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 2711262
Conc: 2.74 ng/ml m



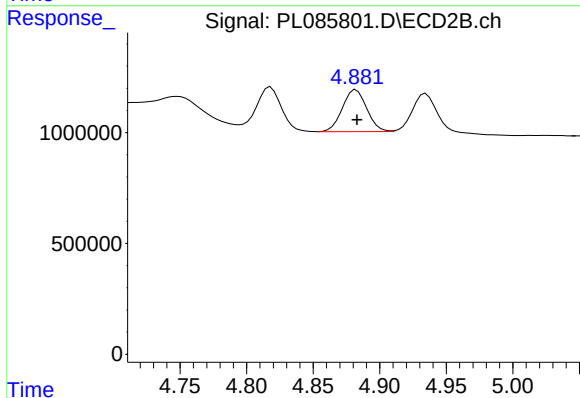
#11 alpha-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 9231372
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

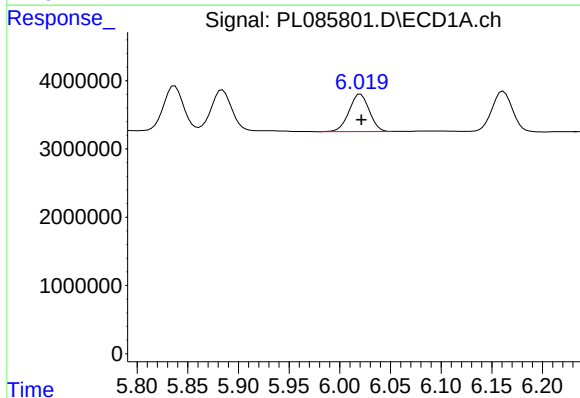
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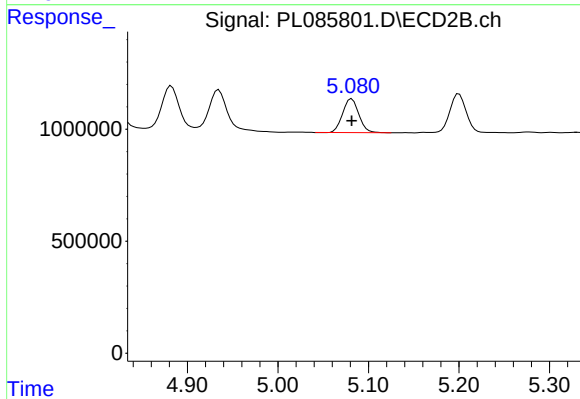
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 2426904
Conc: 2.23 ng/ml m



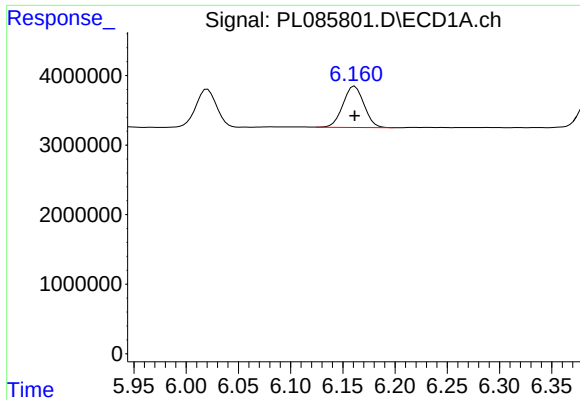
#12 4,4'-DDE

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 7617251
Conc: 2.72 ng/ml m



#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 1888272
Conc: 2.30 ng/ml



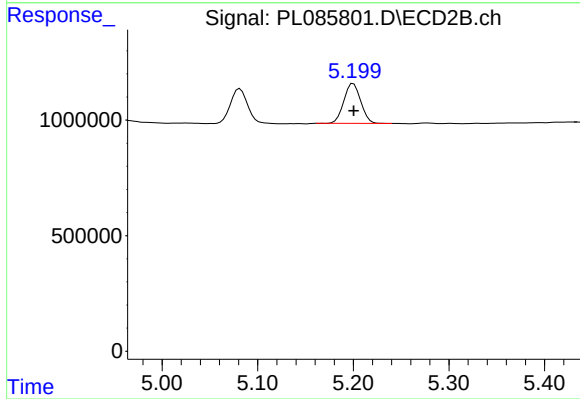
#13 Dieldrin

R.T.: 6.160 min
Delta R.T.: -0.001 min
Response: 8340329
Conc: 2.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
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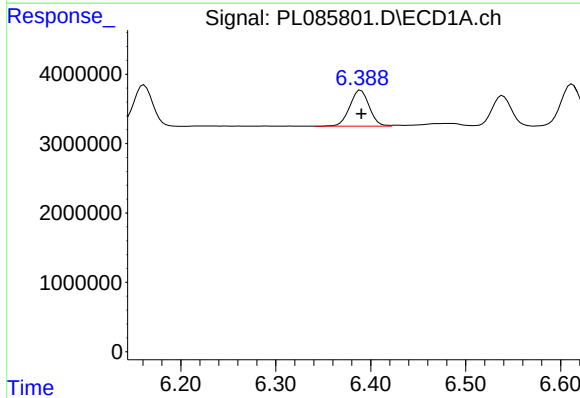
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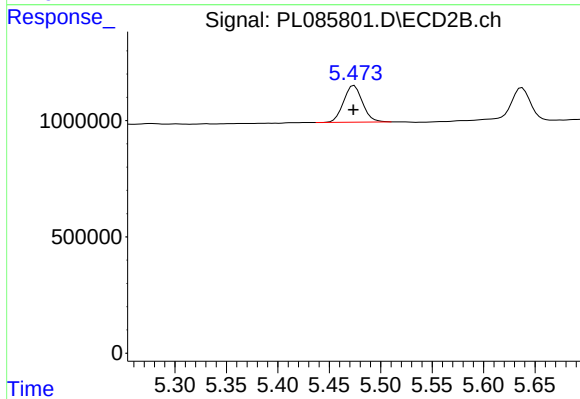
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 2124069
Conc: 2.19 ng/ml



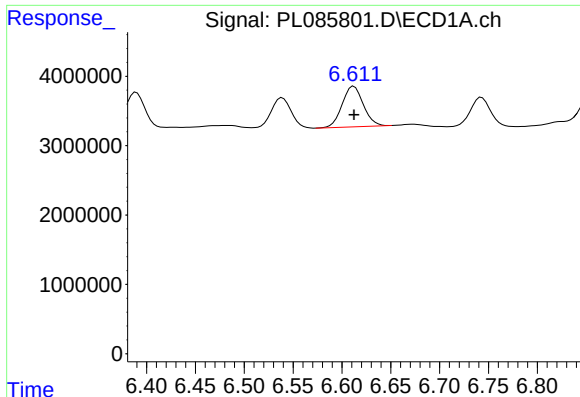
#14 Endrin

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 7407810
Conc: 2.60 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 2024752
Conc: 2.25 ng/ml



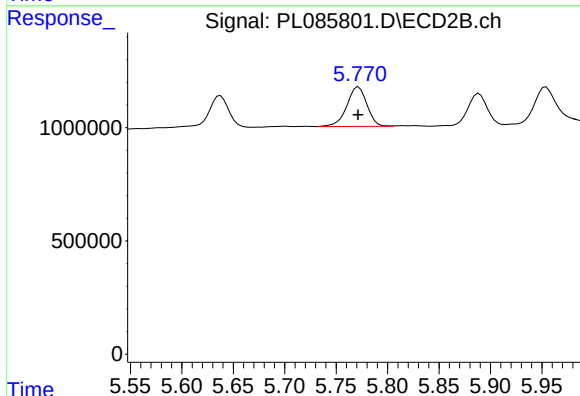
#15 Endosulfan II

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 8878824
Conc: 3.22 ng/ml

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ECD_L
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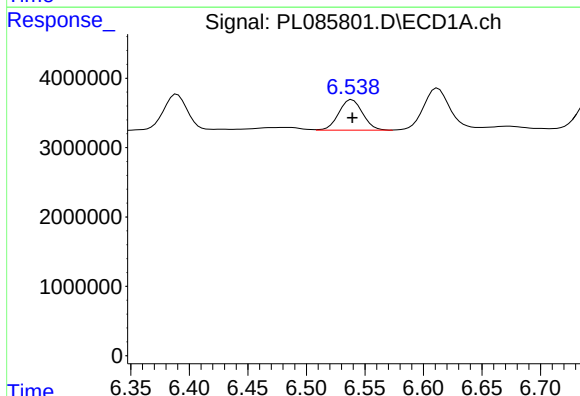
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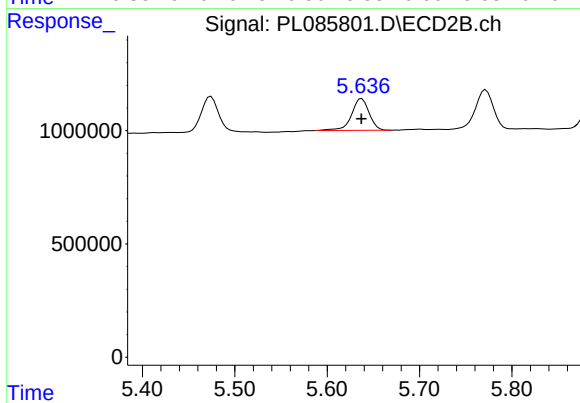
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 2384188
Conc: 2.51 ng/ml



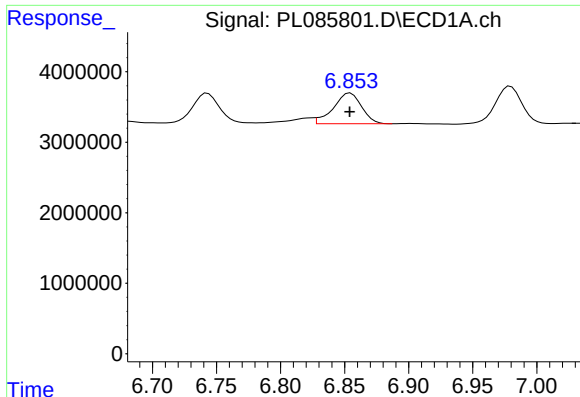
#16 4,4'-DDD

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 6217027
Conc: 3.09 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 1862349
Conc: 2.68 ng/ml



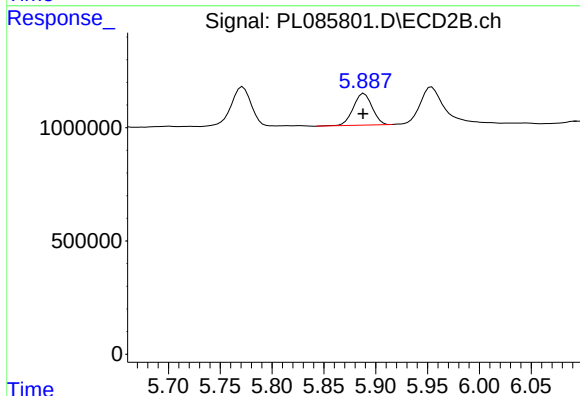
#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 6626257
Conc: 2.81 ng/ml

Instrument :
ECD_L
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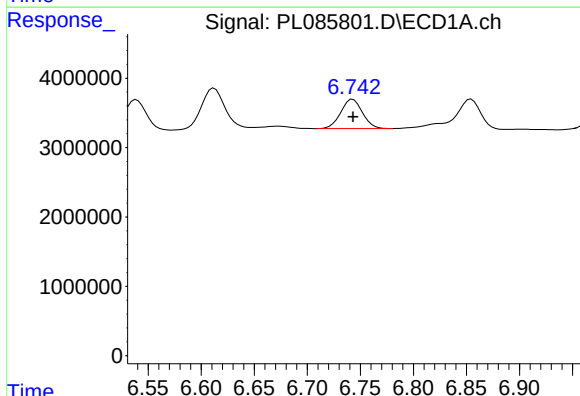
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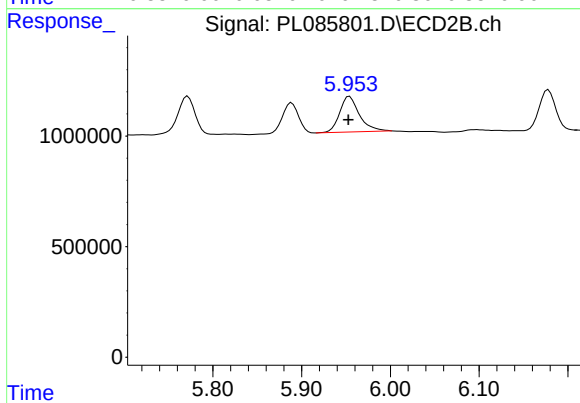
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.001 min
Response: 1771444
Conc: 2.24 ng/ml



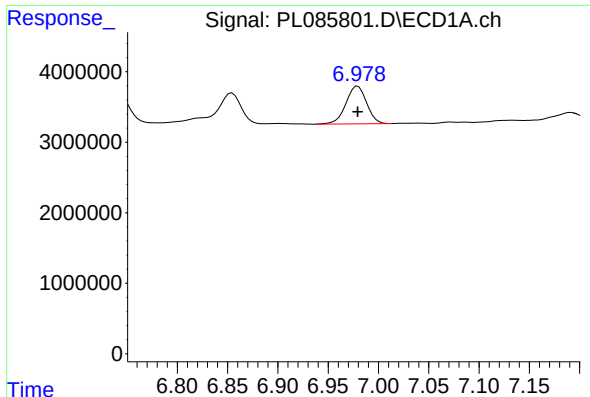
#18 Endrin aldehyde

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 5989843
Conc: 2.96 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 2494564
Conc: 3.35 ng/ml



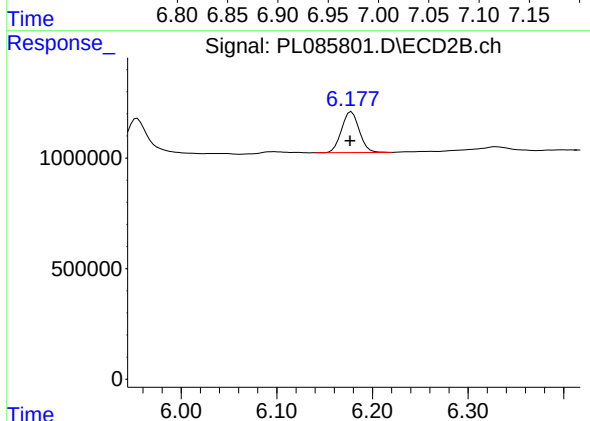
#19 Endosulfan Sulfate

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 7642959
Conc: 3.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

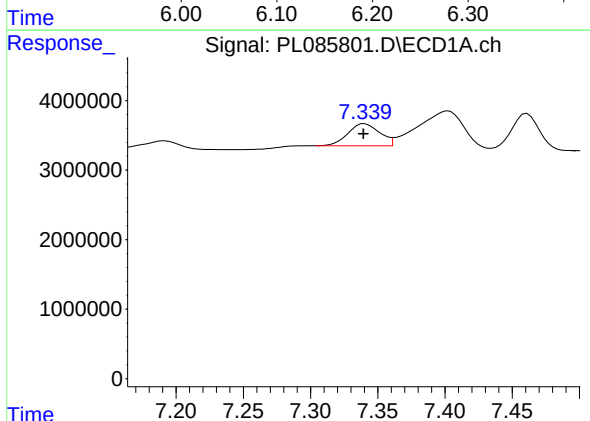
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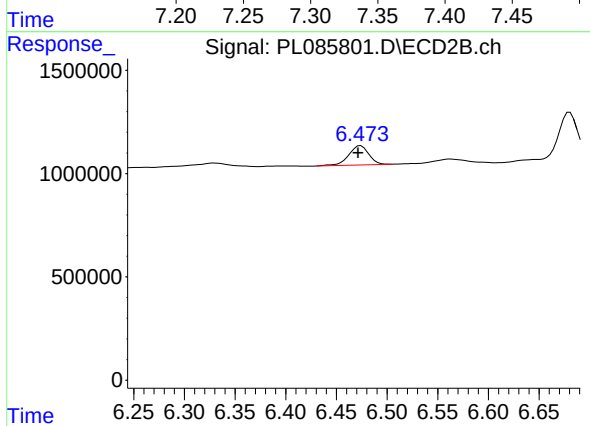
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 2385672
Conc: 2.64 ng/ml



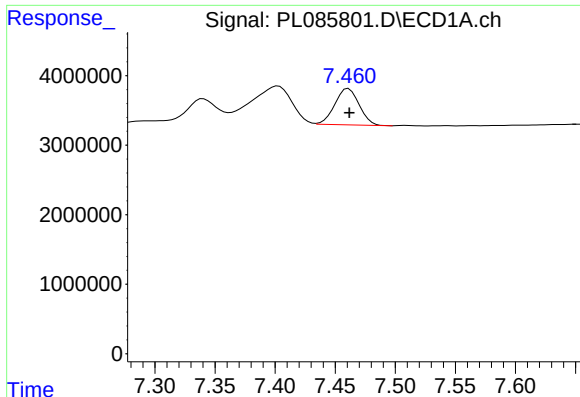
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 5507855
Conc: 3.94 ng/ml m



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 1291384
Conc: 2.45 ng/ml



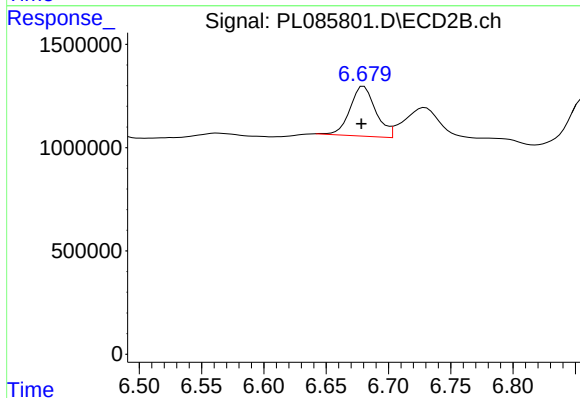
#21 Endrin ketone

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 7341355
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

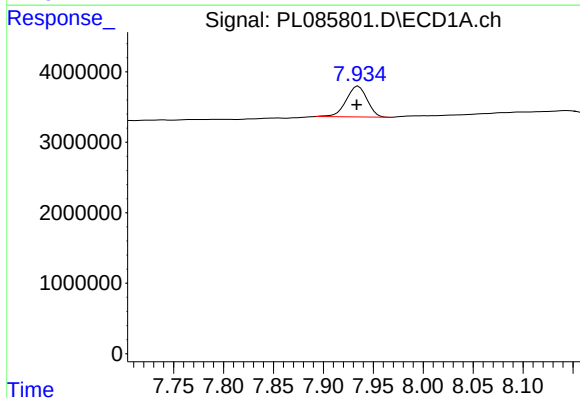
Manual Integrations
APPROVED

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



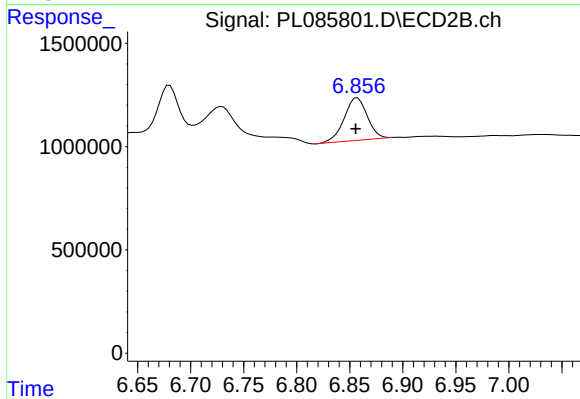
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 3479423
Conc: 3.03 ng/ml



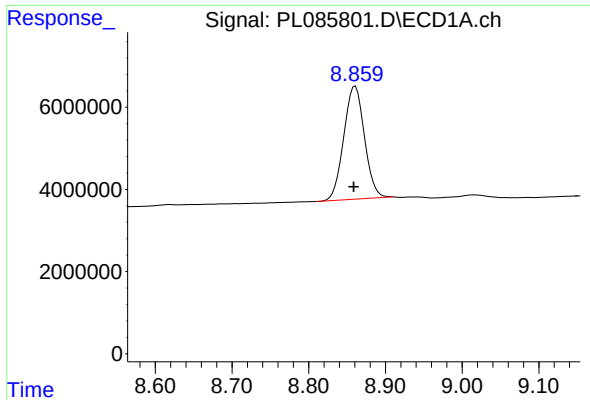
#22 Mirex

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 6361740
Conc: 2.87 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: 0.002 min
Response: 3116490
Conc: 3.30 ng/ml



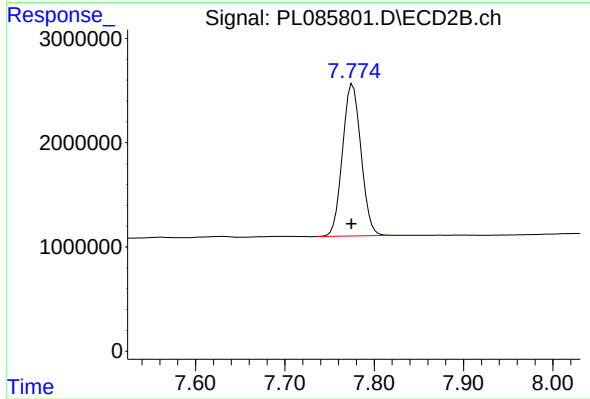
#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.002 min
Response: 52031811
Conc: 23.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.001 min
Response: 20993210
Conc: 22.74 ng/ml