

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
 Data File : PL085803.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 22:35
 Operator : AR\AJ
 Sample : 04699-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/10/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:28:20 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	55498897	16945306	18.660	18.141
28)	SA Decachlor...	8.861	7.776	51603100	20508244	23.692	22.219
Target Compounds							
2)	A alpha-BHC	3.811	3.121	18582114	4808065	4.330	3.822
3)	MA gamma-BHC...	4.143	3.448	17561936	4962265	4.249	4.023
4)	MA Heptachlor	4.730	3.786	19305230	5315004	4.992m	4.570
5)	MB Aldrin	5.071	4.062	17876213	4636948	4.612	4.147
6)	B beta-BHC	4.346	3.751	9329983	2634057	5.642	5.060
7)	B delta-BHC	4.588	3.976	17479022	4492800	4.558m	3.910
8)	B Heptachlo...	5.499	4.567	17625686	4640849	5.109m	4.621
9)	A Endosulfan I	5.883	4.935	16475276	4828254	5.094m	4.501
10)	B gamma-Chl...	5.757	4.817	17553960	4866096	5.131m	4.913m
11)	B alpha-Chl...	5.836	4.881	17606533	4669011	5.152m	4.281m
12)	B 4,4'-DDE	6.020	5.082	14761659	3694658	5.279	4.499
13)	MA Dieldrin	6.161	5.200	15619626	4220126	4.753	4.350
14)	MA Endrin	6.389	5.474	13871948	3844537	4.868	4.276
15)	B Endosulfa...	6.612	5.772	15176757	4253196	5.508	4.473
16)	A 4,4'-DDD	6.539	5.636	11780536	3301244	5.847	4.743m
17)	MA 4,4'-DDT	6.853	5.889	12527403	3454619	5.315m	4.369
18)	B Endrin al...	6.743	5.954	11218502	4068824	5.535	5.456
19)	B Endosulfa...	6.979	6.178	14437204	4568357	5.753	5.064
20)	A Methoxychlor	7.339	6.474	8762294	2406374	6.274m	4.574 #
21)	B Endrin ke...	7.462	6.680	14369506	5888072	4.989	5.123
22)	Mirex	7.935	6.858	12707606	5207472	5.740	5.521

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
Data File : PL085803.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2023 22:35
Operator : AR\AJ
Sample : 04699-08
Misc : PEST LOQ 5PPB
ALS Vial : 33 Sample Multiplier: 1

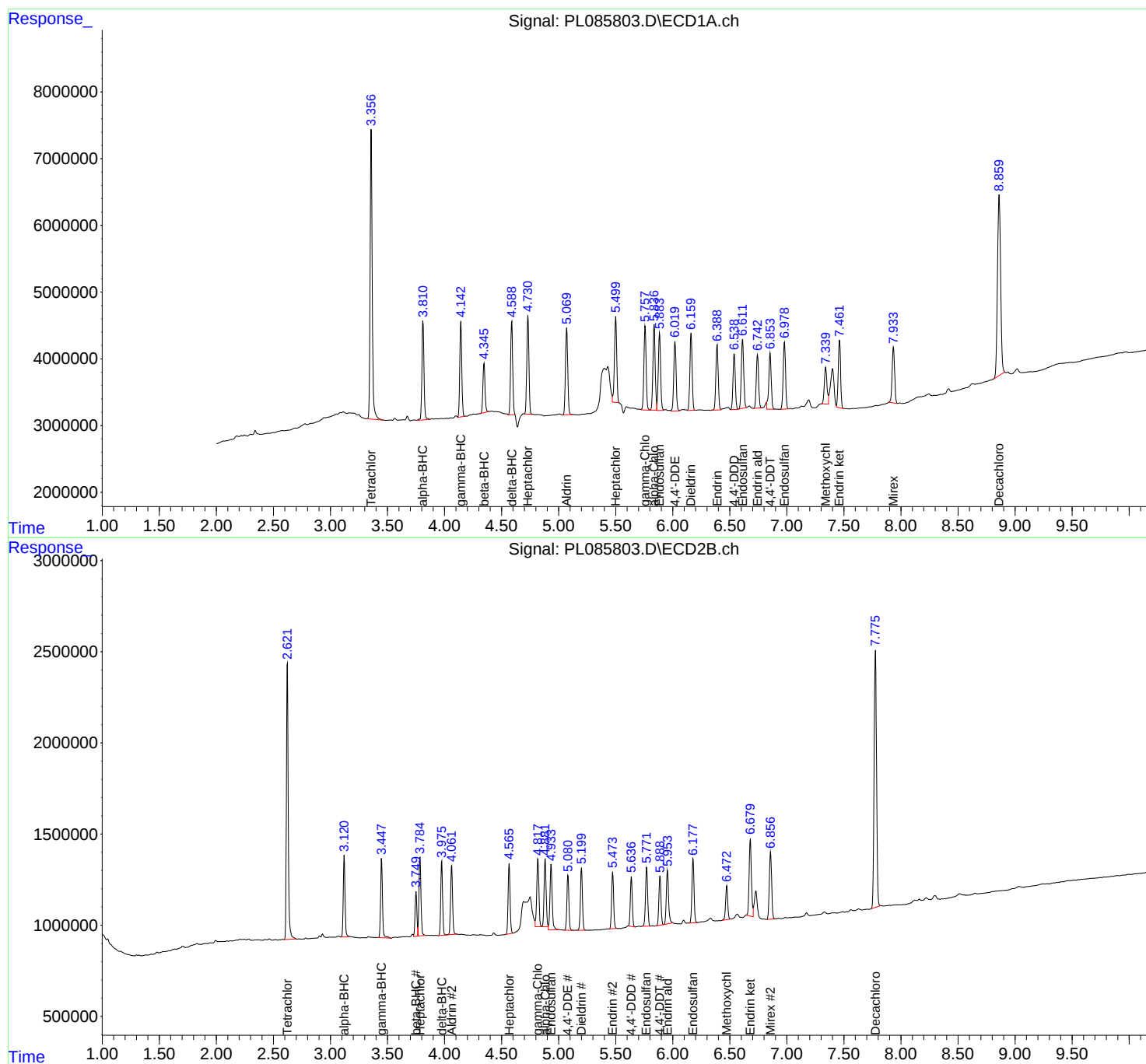
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

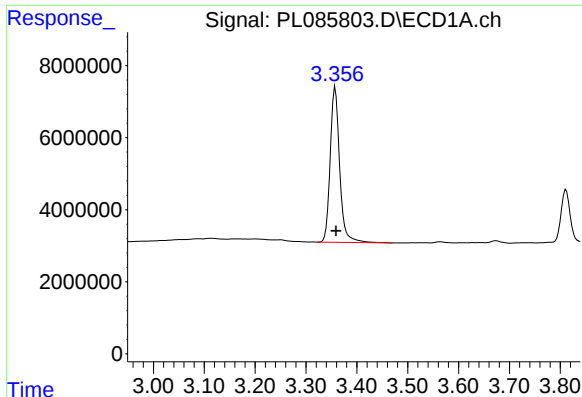
Manual Integrations
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Supervised By : Ankita Jodhani 10/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:28:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
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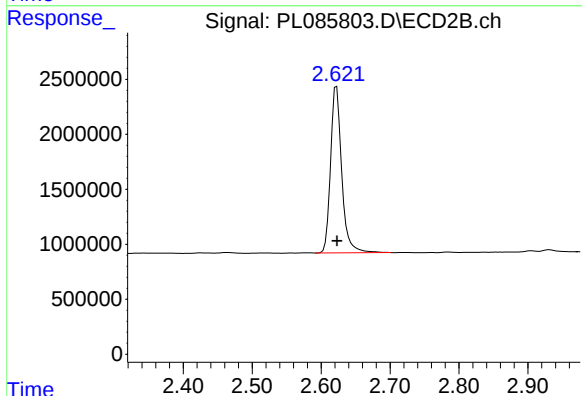
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.001 min
Response: 55498897
Conc: 18.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

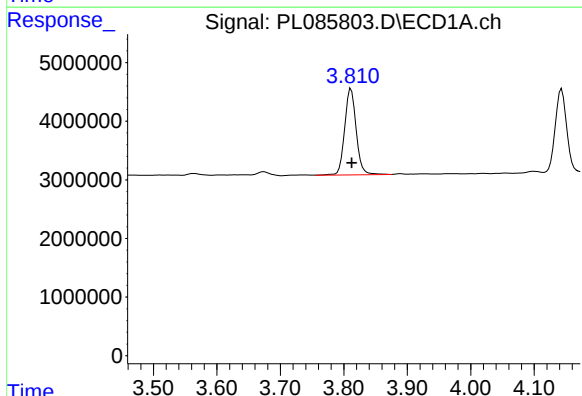
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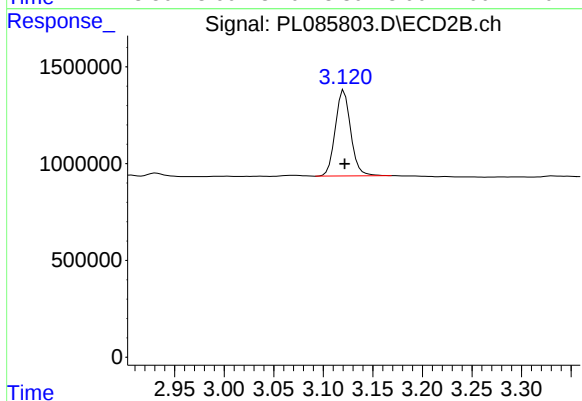
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 16945306
Conc: 18.14 ng/ml



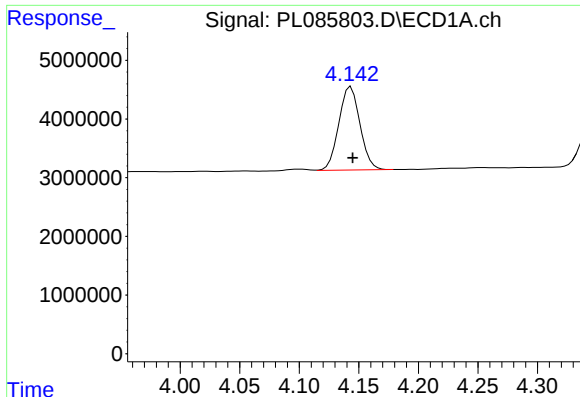
#2 alpha-BHC

R.T.: 3.811 min
Delta R.T.: -0.001 min
Response: 18582114
Conc: 4.33 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 4808065
Conc: 3.82 ng/ml



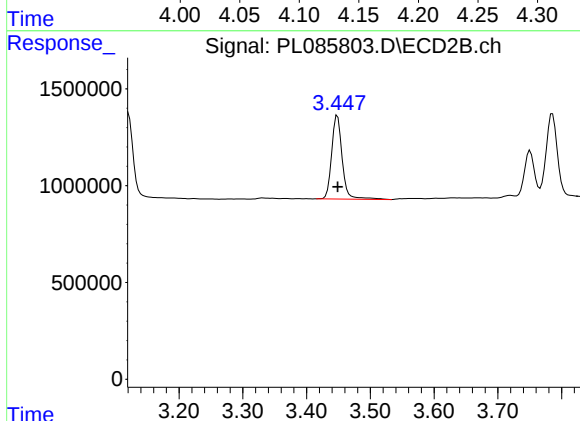
#3 gamma-BHC (Lindane)

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 17561936
Conc: 4.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

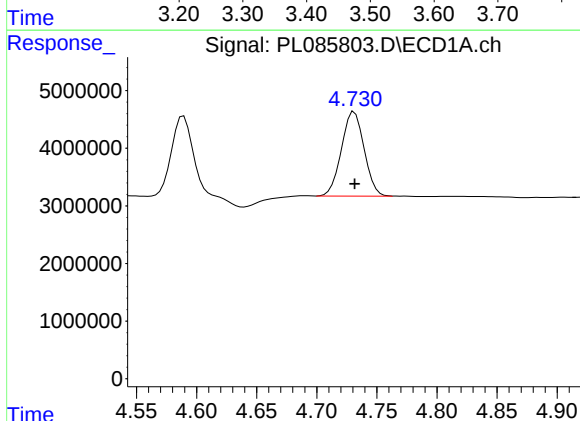
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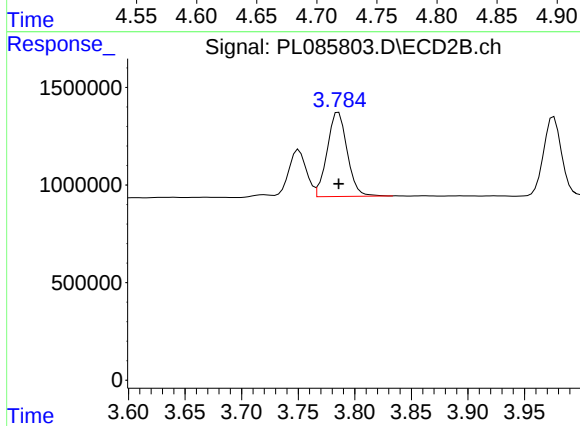
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 4962265
Conc: 4.02 ng/ml



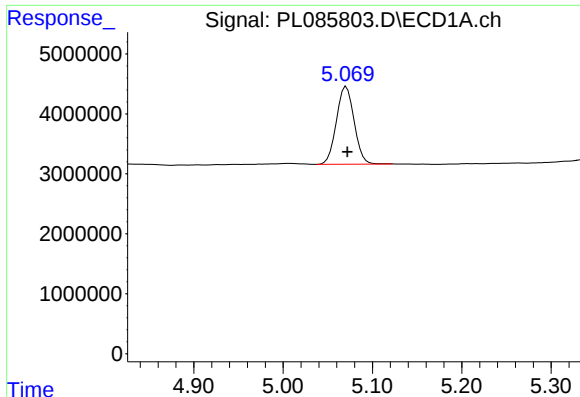
#4 Heptachlor

R.T.: 4.730 min
Delta R.T.: -0.002 min
Response: 19305230
Conc: 4.99 ng/ml m



#4 Heptachlor

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 5315004
Conc: 4.57 ng/ml



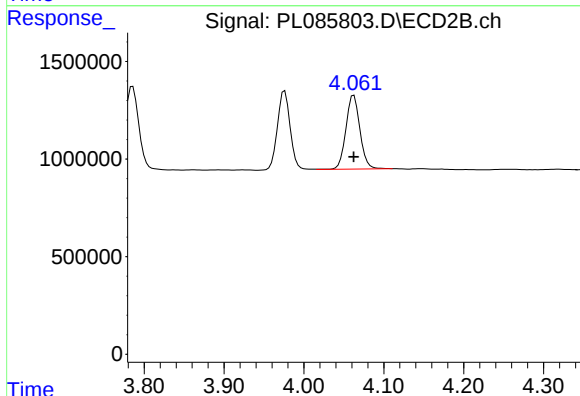
#5 Aldrin

R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 17876213
Conc: 4.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

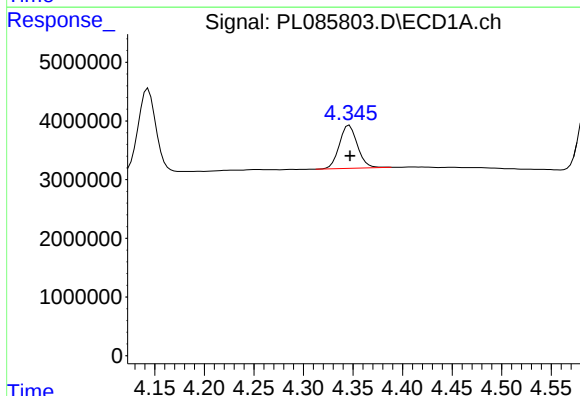
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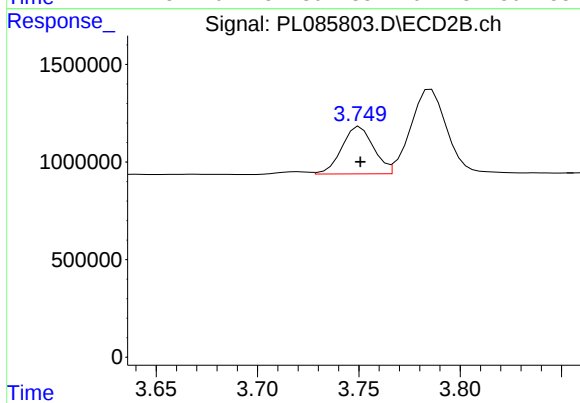
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 4636948
Conc: 4.15 ng/ml



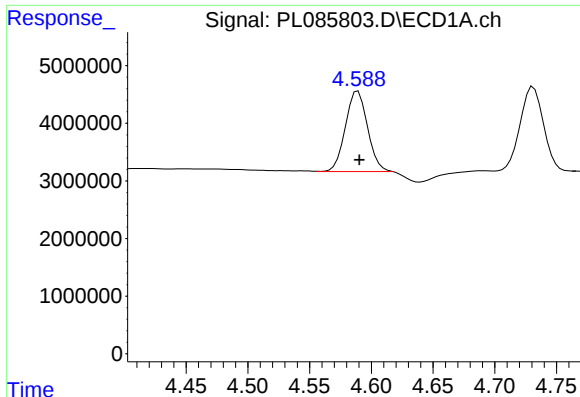
#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 9329983
Conc: 5.64 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 2634057
Conc: 5.06 ng/ml



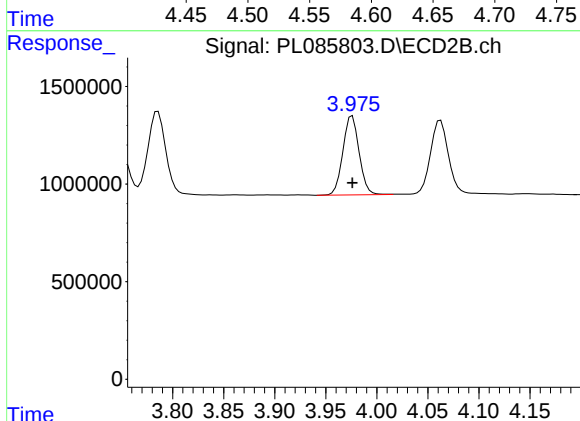
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 17479022
Conc: 4.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

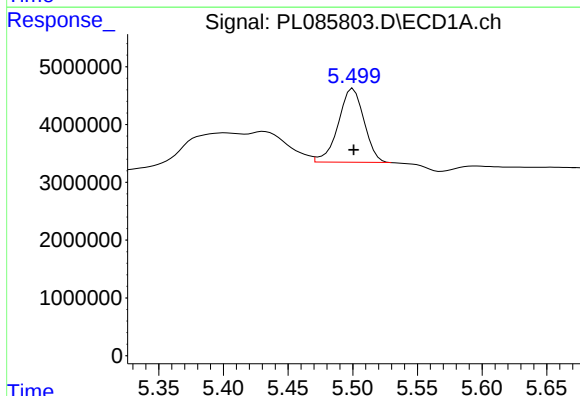
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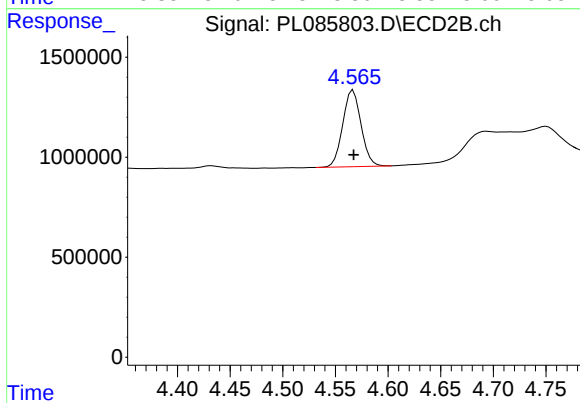
#7 delta-BHC

R.T.: 3.976 min
Delta R.T.: 0.000 min
Response: 4492800
Conc: 3.91 ng/ml



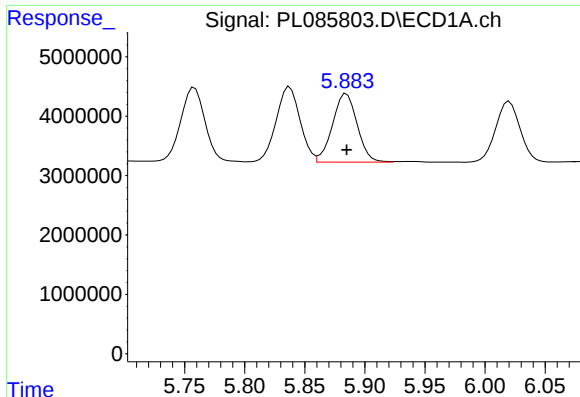
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 17625686
Conc: 5.11 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 4640849
Conc: 4.62 ng/ml



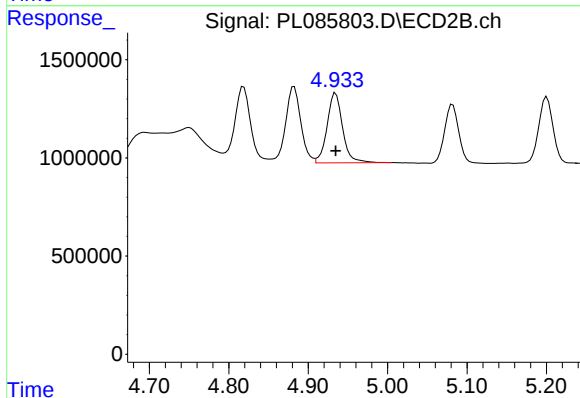
#9 Endosulfan I

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 16475276
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

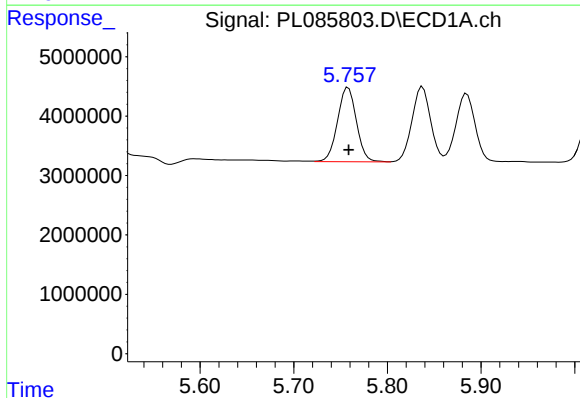
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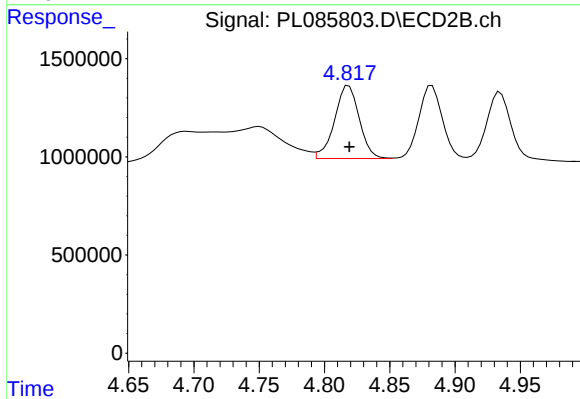
#9 Endosulfan I

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 4828254
Conc: 4.50 ng/ml



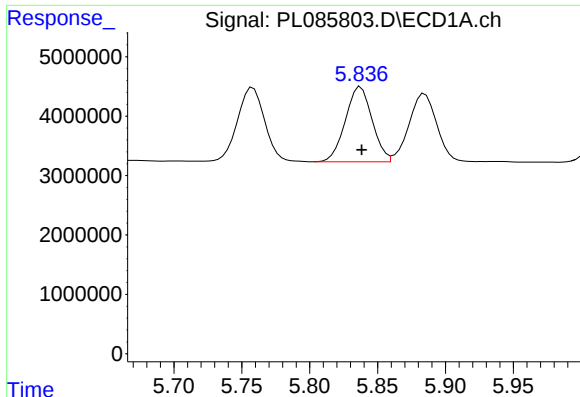
#10 gamma-Chlordane

R.T.: 5.757 min
Delta R.T.: -0.002 min
Response: 17553960
Conc: 5.13 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 4866096
Conc: 4.91 ng/ml m



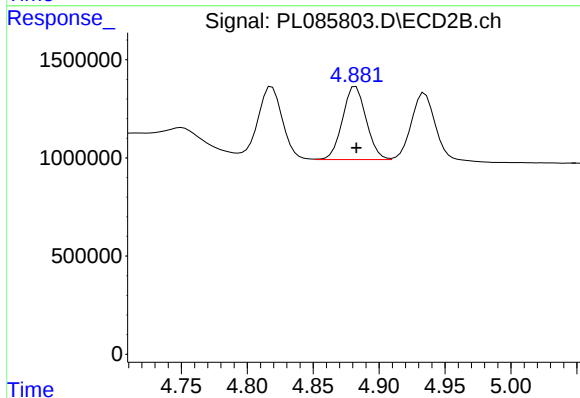
#11 alpha-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 17606533
Conc: 5.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

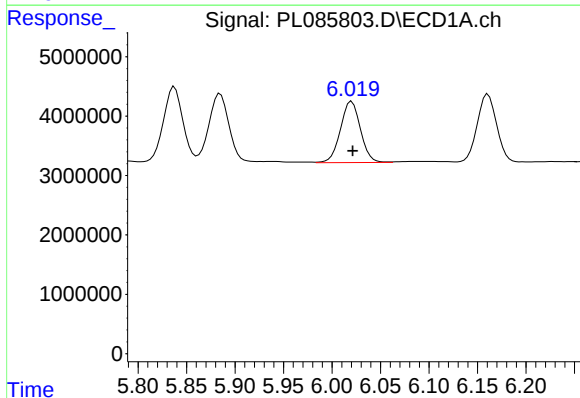
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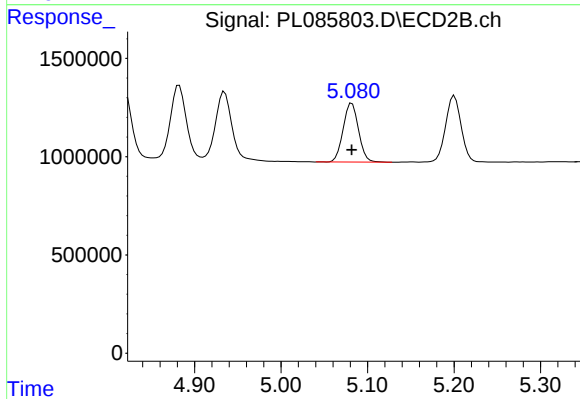
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 4669011
Conc: 4.28 ng/ml m



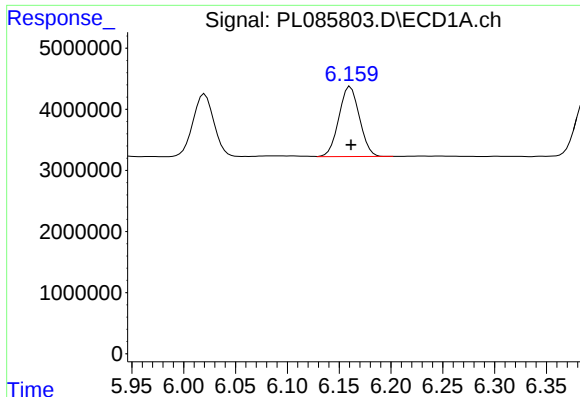
#12 4,4'-DDE

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 14761659
Conc: 5.28 ng/ml



#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 3694658
Conc: 4.50 ng/ml



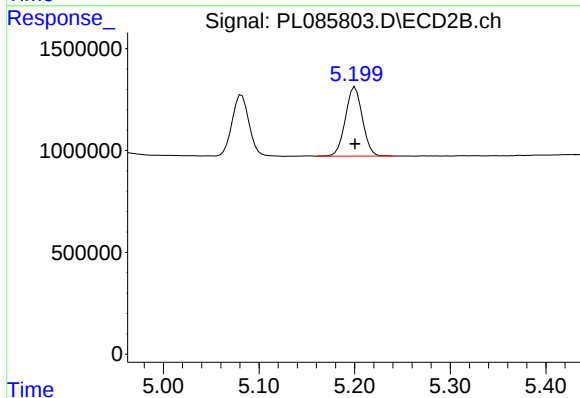
#13 Dieldrin

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 15619626
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

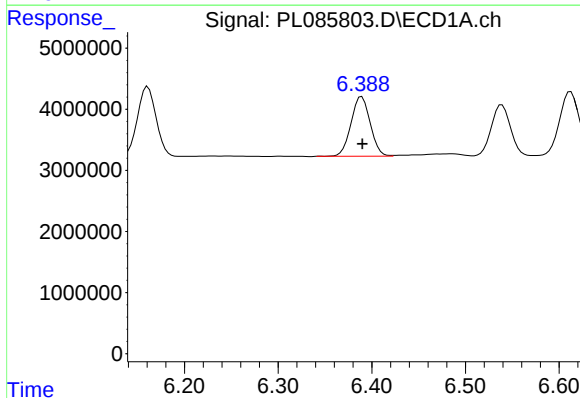
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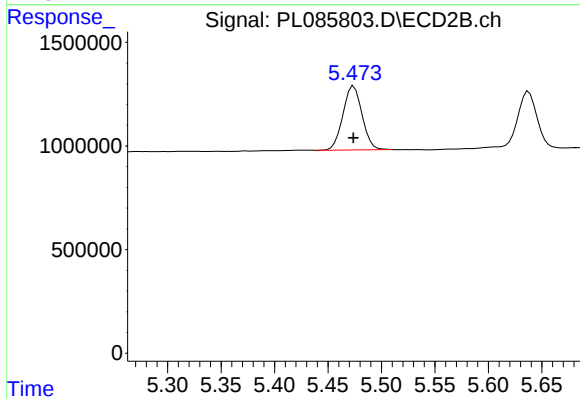
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 4220126
Conc: 4.35 ng/ml



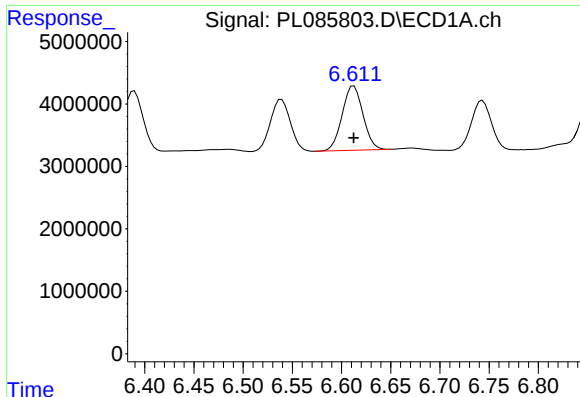
#14 Endrin

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 13871948
Conc: 4.87 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 3844537
Conc: 4.28 ng/ml



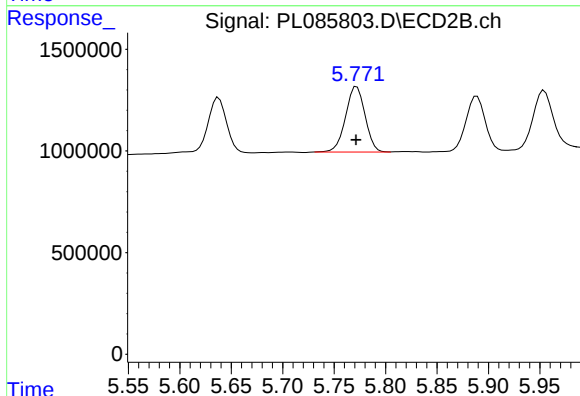
#15 Endosulfan II

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 15176757
Conc: 5.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

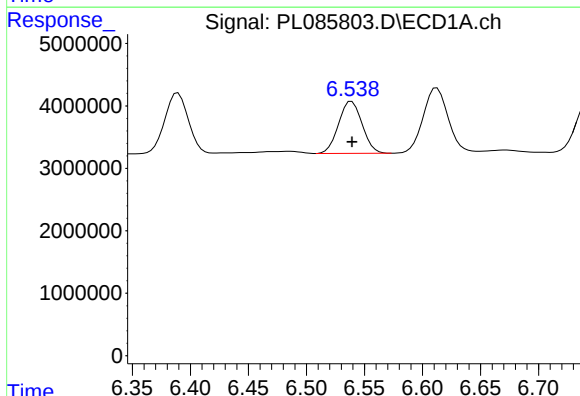
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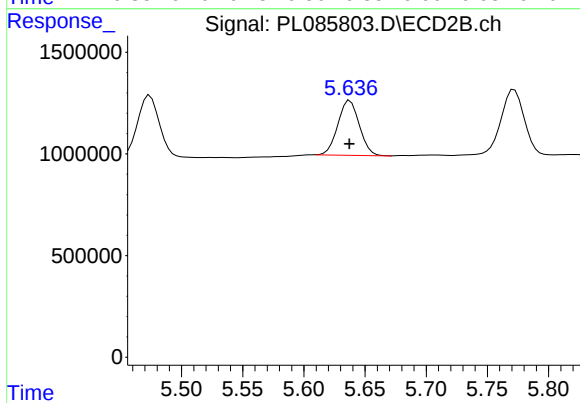
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 4253196
Conc: 4.47 ng/ml



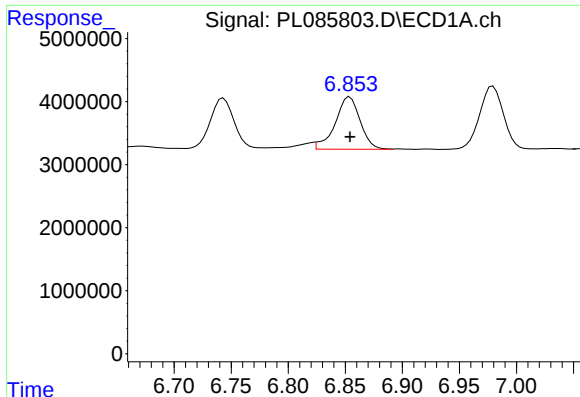
#16 4,4'-DDD

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 11780536
Conc: 5.85 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 3301244
Conc: 4.74 ng/ml m



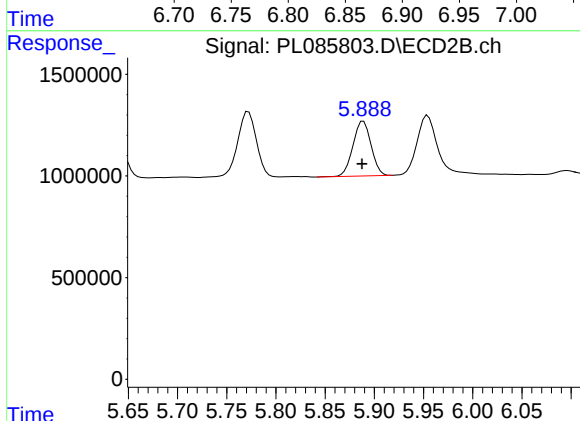
#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 12527403
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

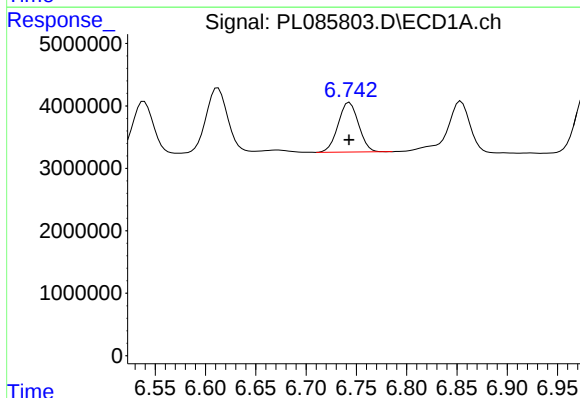
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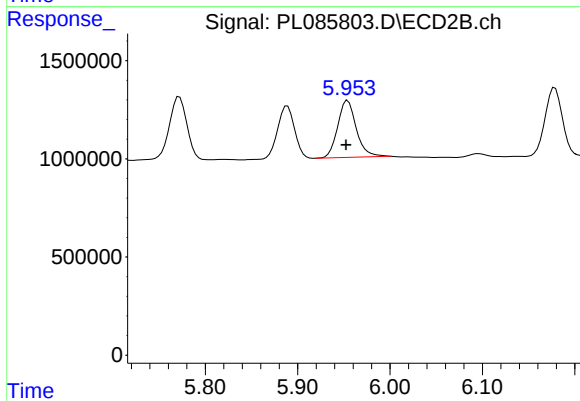
#17 4,4'-DDT

R.T.: 5.889 min
Delta R.T.: 0.001 min
Response: 3454619
Conc: 4.37 ng/ml



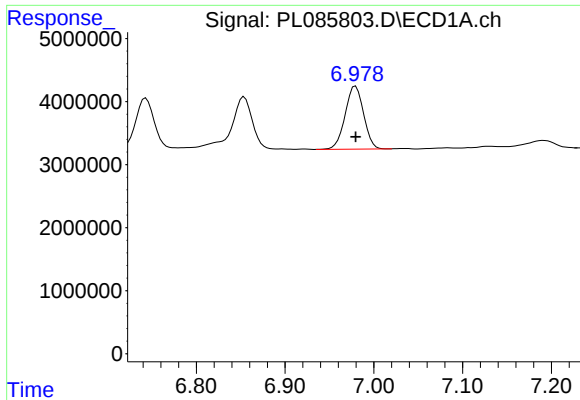
#18 Endrin aldehyde

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 11218502
Conc: 5.54 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 4068824
Conc: 5.46 ng/ml



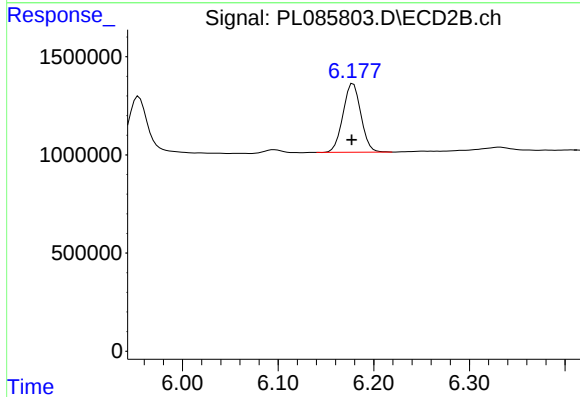
#19 Endosulfan Sulfate

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 14437204
Conc: 5.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

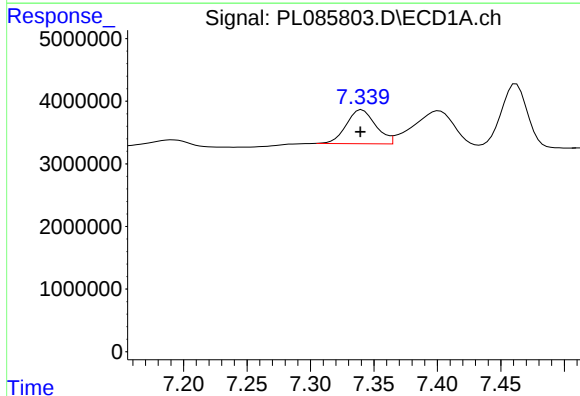
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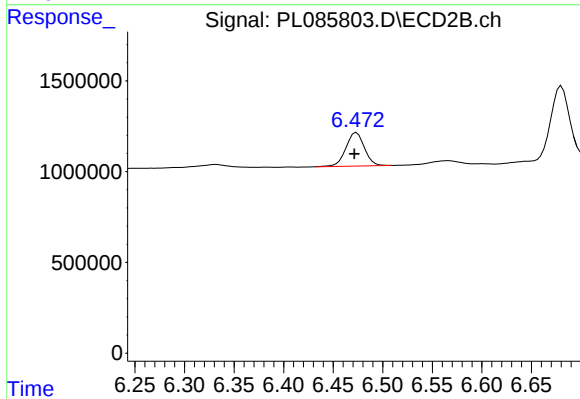
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.002 min
Response: 4568357
Conc: 5.06 ng/ml



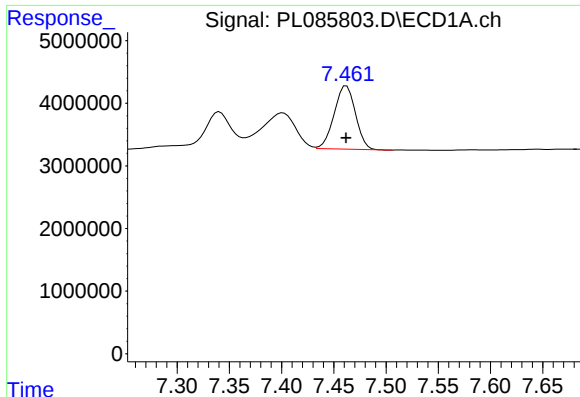
#20 Methoxychlor

R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 8762294
Conc: 6.27 ng/ml m



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 2406374
Conc: 4.57 ng/ml



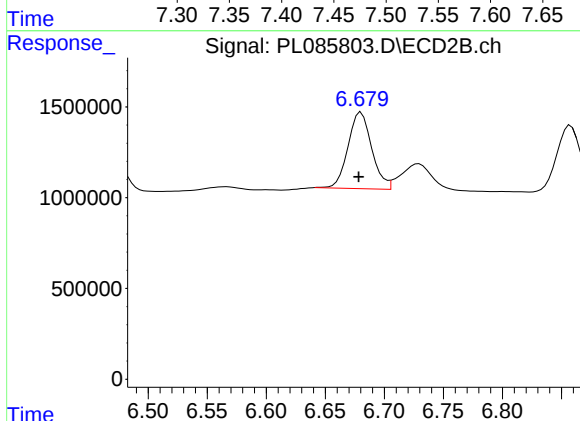
#21 Endrin ketone

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 14369506
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

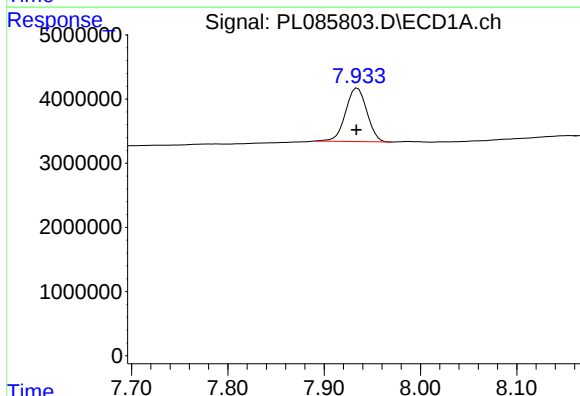
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2023
Supervised By :Ankita Jodhani 10/11/2023



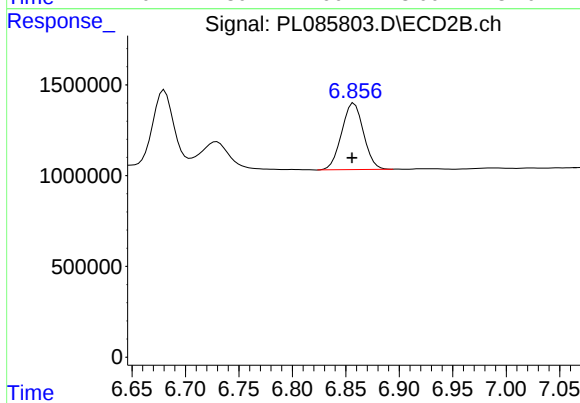
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 5888072
Conc: 5.12 ng/ml



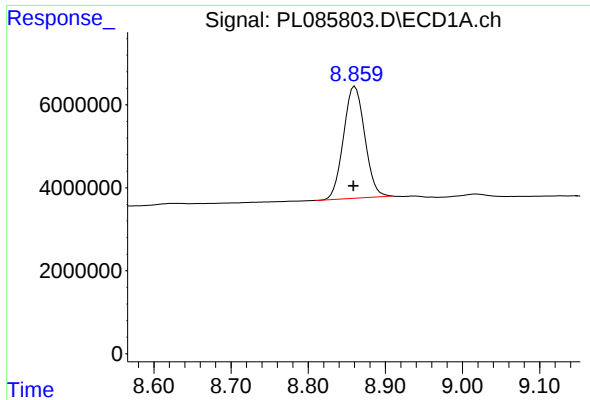
#22 Mirex

R.T.: 7.935 min
Delta R.T.: 0.001 min
Response: 12707606
Conc: 5.74 ng/ml



#22 Mirex

R.T.: 6.858 min
Delta R.T.: 0.002 min
Response: 5207472
Conc: 5.52 ng/ml



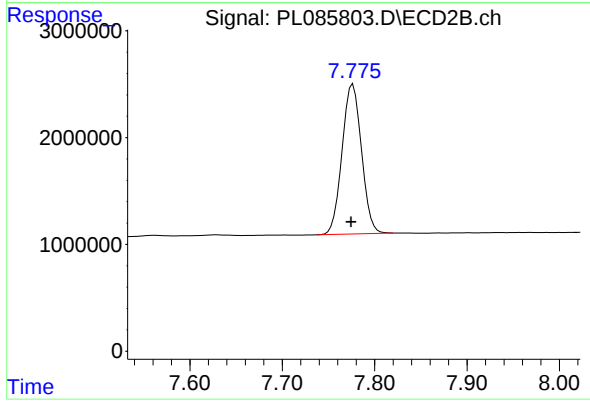
#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.002 min
Response: 51603100
Conc: 23.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2023

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.002 min
Response: 20508244
Conc: 22.22 ng/ml