

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
 Data File : PL085799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 21:40
 Operator : AR\AJ
 Sample : 04699-07
 Misc : PEST LOD 1PPB
 ALS Vial : 29 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 03:27:00 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	56410233	17328971	18.967	18.551
2)	SA Decachlor...	8.860	7.776	52221518	20777285	23.976	22.511
Target Compounds							
2)	A alpha-BHC	3.811	3.121	4147068	1140613	0.966	0.907
3)	MA gamma-BHC...	4.143	3.446	4148375	1090629	1.004	0.884m
4)	MA Heptachlor	4.729	3.783	4474051	1258330	1.157m	1.082m
5)	MB Aldrin	5.070	4.061	4283801	1086202	1.105	0.971
6)	B beta-BHC	4.347	3.750	2420970	664756	1.464	1.277
7)	B delta-BHC	4.587	3.975	3950566	1032083	1.030m	0.898
8)	B Heptachlo...	5.498	4.567	3461177	1079937	1.003m	1.075
9)	A Endosulfan I	5.884	4.932	4065093	1399630	1.257	1.305m
10)	B gamma-Chl...	5.756	4.816	4208152	1367292	1.230m	1.381m
11)	B alpha-Chl...	5.836	4.880	4298693	1119782	1.258m	1.027m
12)	B 4,4'-DDE	6.020	5.081	3730649	871604	1.334	1.061
13)	MA Dieldrin	6.161	5.200	3951099	988372	1.202	1.019
14)	MA Endrin	6.390	5.473	3418428	910075	1.200	1.012
15)	B Endosulfa...	6.612	5.771	4799311	1131821	1.742	1.190 #
16)	A 4,4'-DDD	6.540	5.637	2828697	821491	1.404	1.180
17)	MA 4,4'-DDT	6.852	5.888	3140568	717124	1.332m	0.907 #
18)	B Endrin al...	6.743	5.954	2688020	1492908	1.326	2.002 #
19)	B Endosulfa...	6.980	6.178	3610367	1103963	1.439	1.224
20)	A Methoxychlor	7.340	6.473	3299588	517573	2.363m	0.984 #
21)	B Endrin ke...	7.461	6.680	3059754	1774410	1.062	1.544 #
22)	Mirex	7.935	6.857	2725153	1253201	1.231	1.329

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
Data File : PL085799.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2023 21:40
Operator : AR\AJ
Sample : 04699-07
Misc : PEST LOD 1PPB
ALS Vial : 29 Sample Multiplier: 1

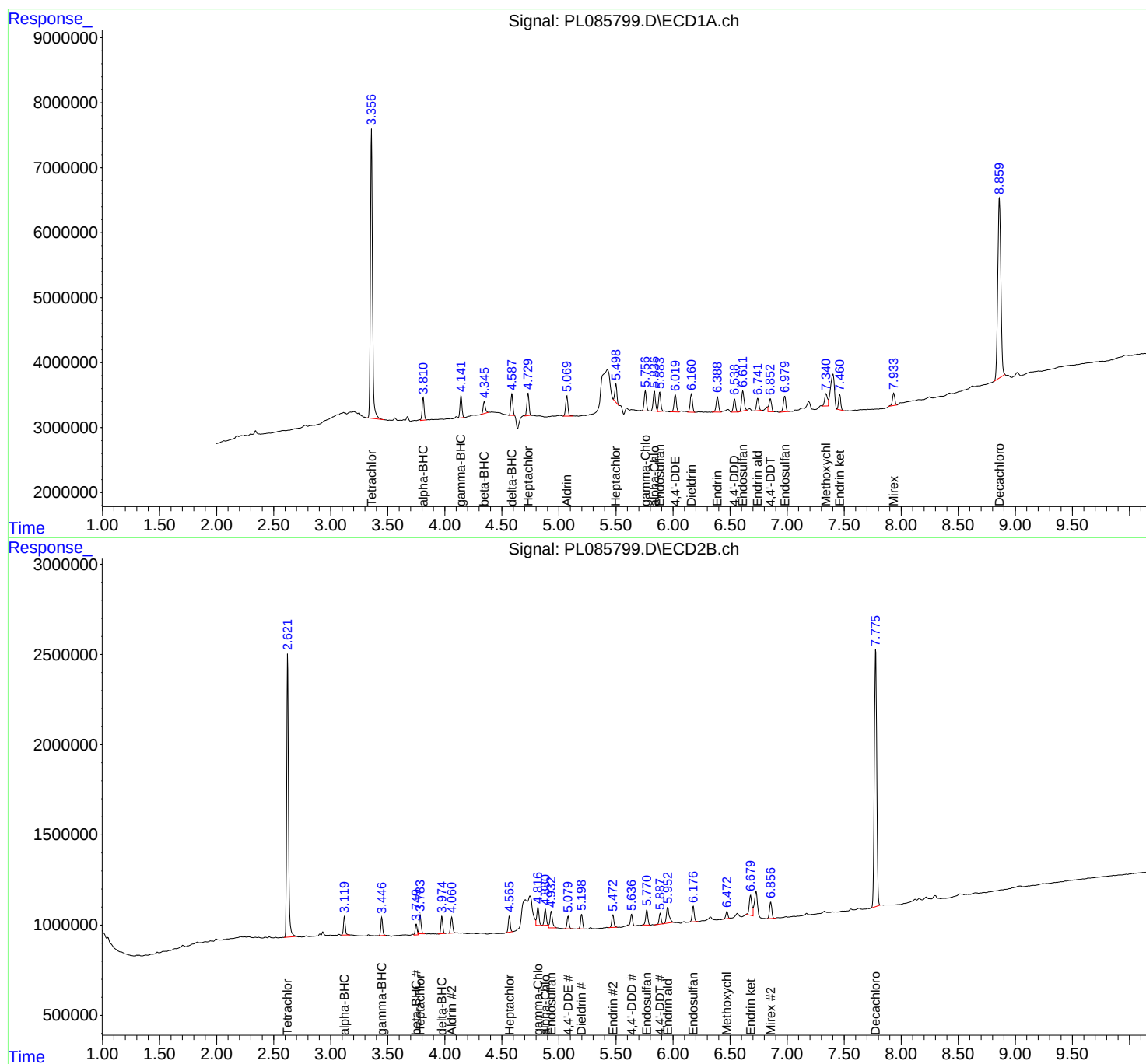
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

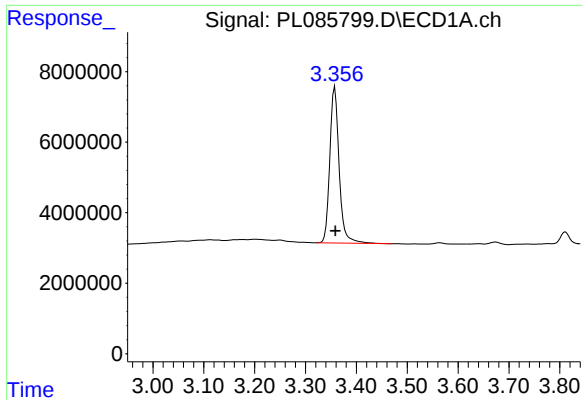
Manual Integrations
APPROVED

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 03:27:00 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





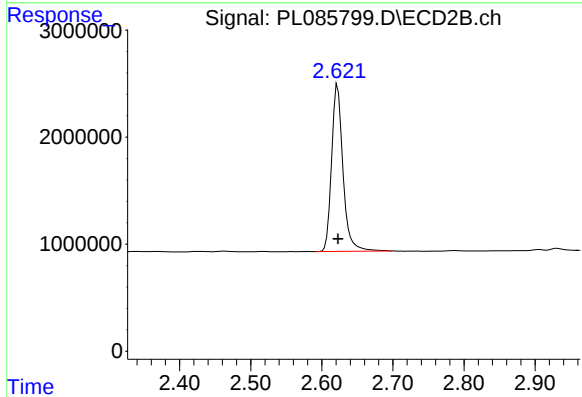
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.001 min
Response: 56410233
Conc: 18.97 ng/ml

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

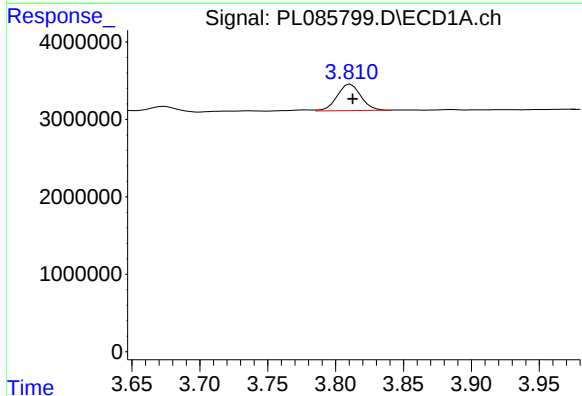
Manual Integrations
APPROVED

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



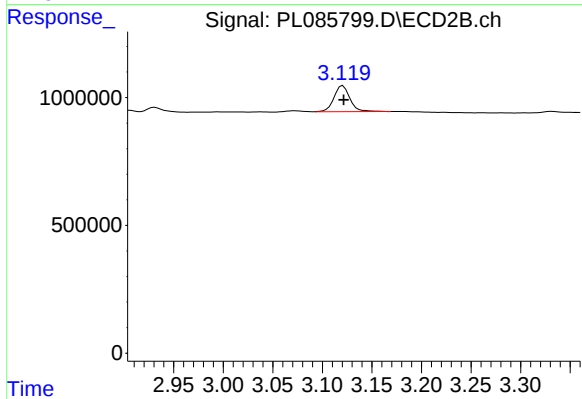
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 17328971
Conc: 18.55 ng/ml



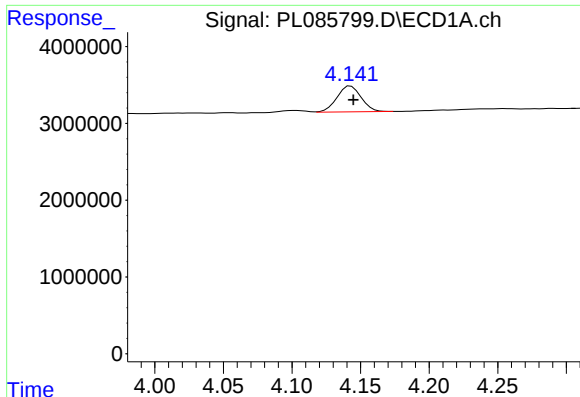
#2 alpha-BHC

R.T.: 3.811 min
Delta R.T.: -0.002 min
Response: 4147068
Conc: 0.97 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 1140613
Conc: 0.91 ng/ml



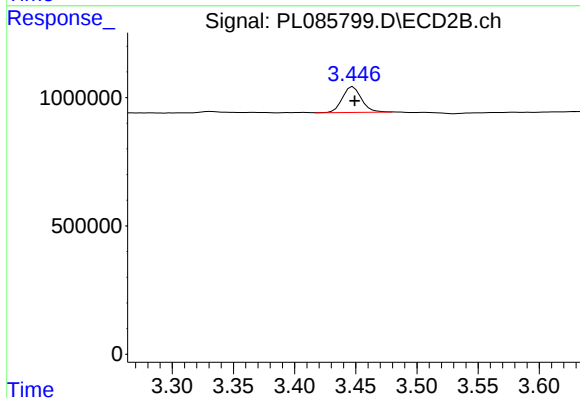
#3 gamma-BHC (Lindane)

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 4148375
Conc: 1.00 ng/ml

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

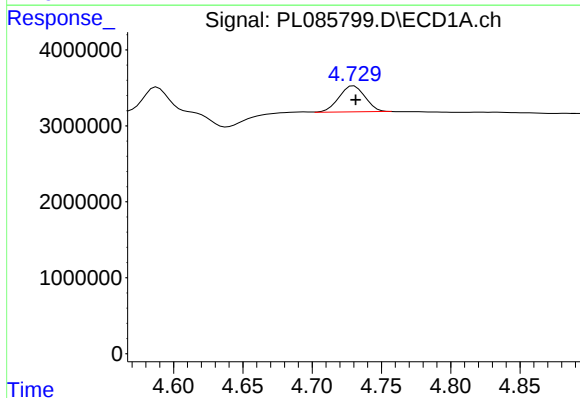
Manual Integrations
APPROVED

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



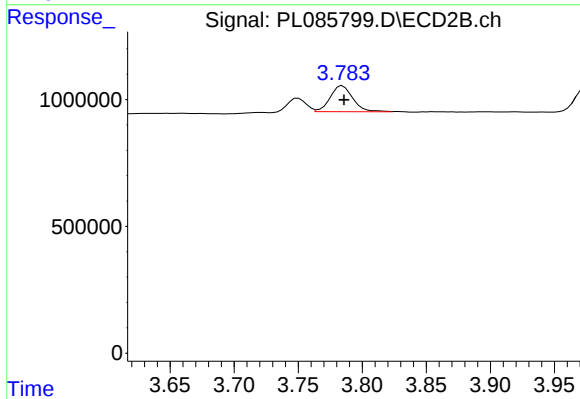
#3 gamma-BHC (Lindane)

R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 1090629
Conc: 0.88 ng/ml m



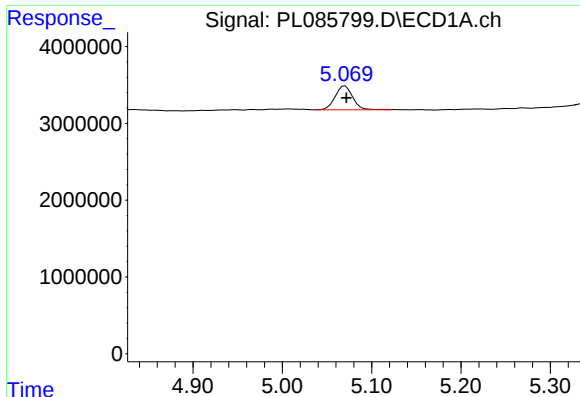
#4 Heptachlor

R.T.: 4.729 min
Delta R.T.: -0.003 min
Response: 4474051
Conc: 1.16 ng/ml m



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 1258330
Conc: 1.08 ng/ml m



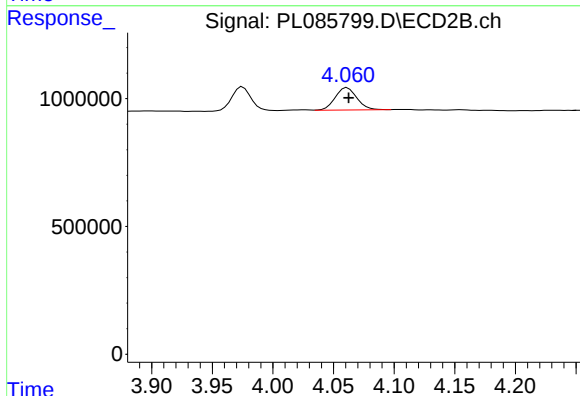
#5 Aldrin

R.T.: 5.070 min
Delta R.T.: -0.002 min
Response: 4283801
Conc: 1.11 ng/ml

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

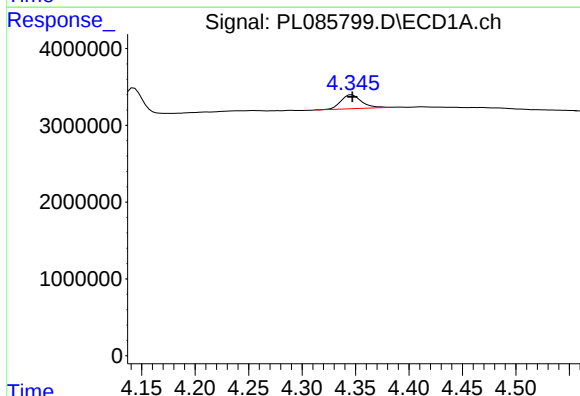
Manual Integrations
APPROVED

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



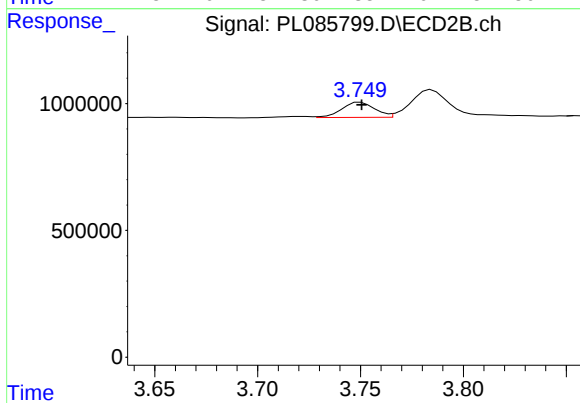
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.001 min
Response: 1086202
Conc: 0.97 ng/ml



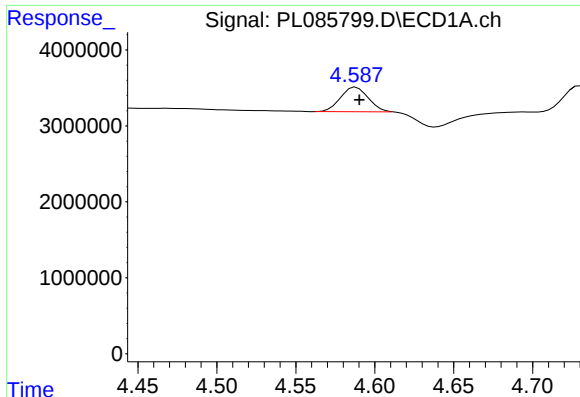
#6 beta-BHC

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 2420970
Conc: 1.46 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 664756
Conc: 1.28 ng/ml



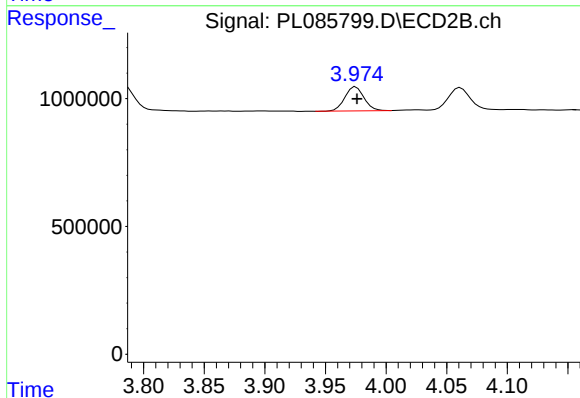
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 3950566
Conc: 1.03 ng/ml

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

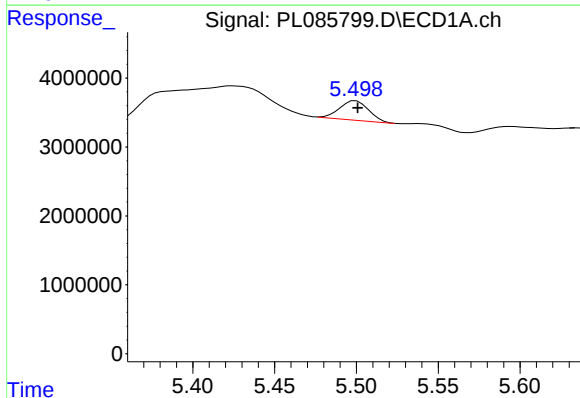
Manual Integrations
APPROVED

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



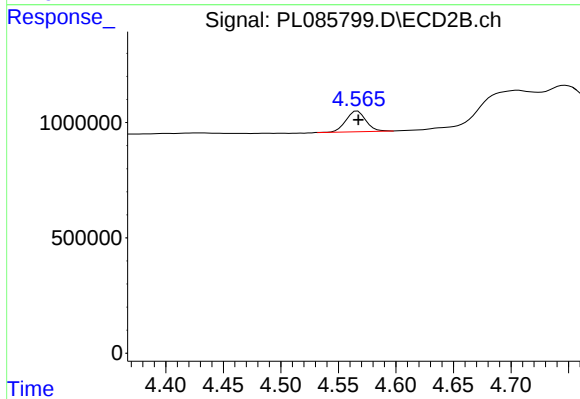
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 1032083
Conc: 0.90 ng/ml



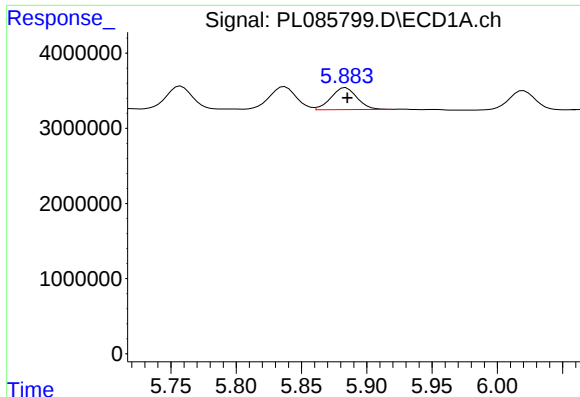
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 3461177
Conc: 1.00 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 1079937
Conc: 1.08 ng/ml



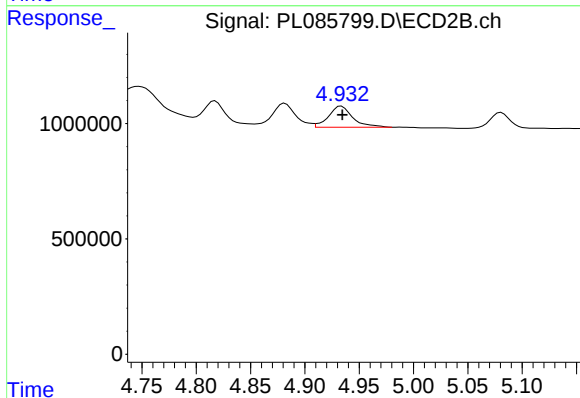
#9 Endosulfan I

R.T.: 5.884 min
Delta R.T.: -0.001 min
Response: 4065093
Conc: 1.26 ng/ml

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

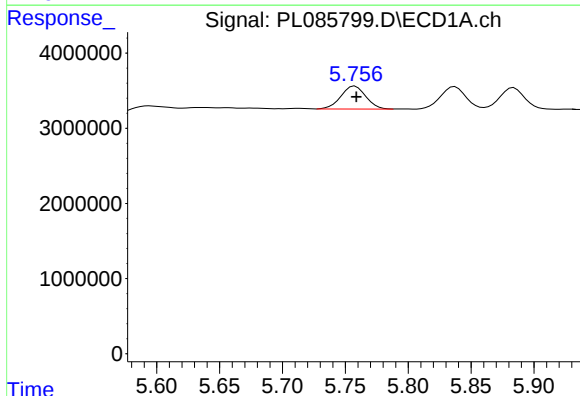
Manual Integrations
APPROVED

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



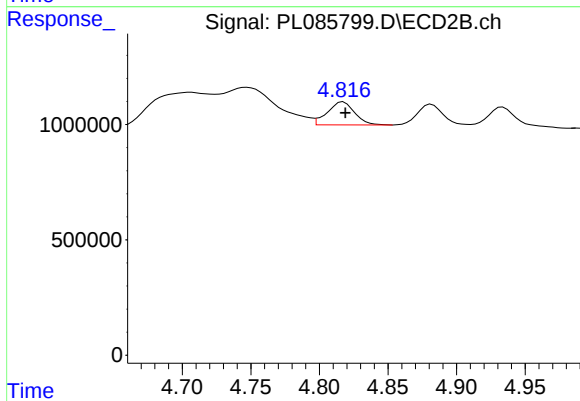
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.002 min
Response: 1399630
Conc: 1.30 ng/ml m



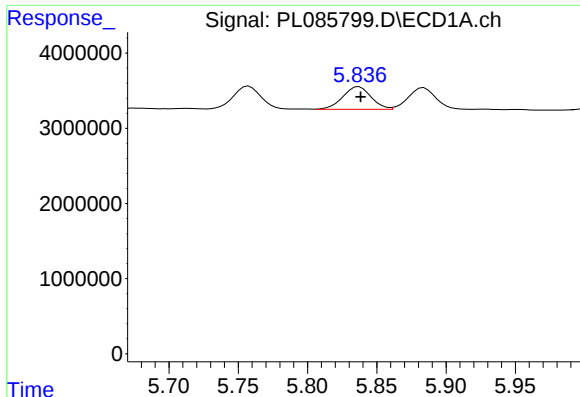
#10 gamma-Chlordane

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 4208152
Conc: 1.23 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 1367292
Conc: 1.38 ng/ml m



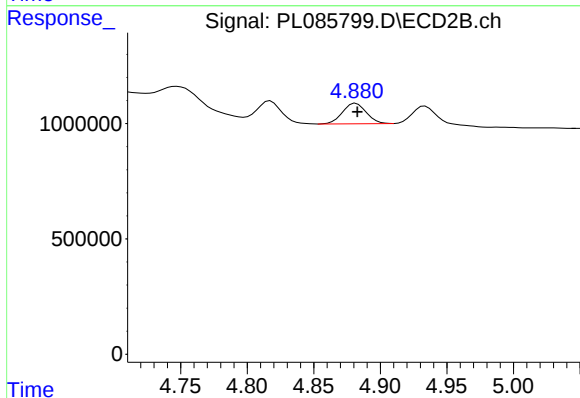
#11 alpha-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 4298693
Conc: 1.26 ng/ml

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

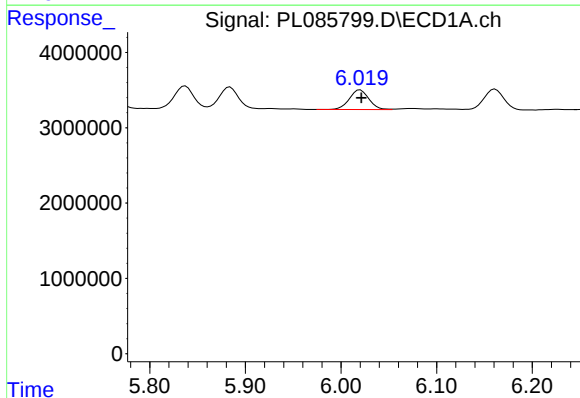
Manual Integrations
APPROVED

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



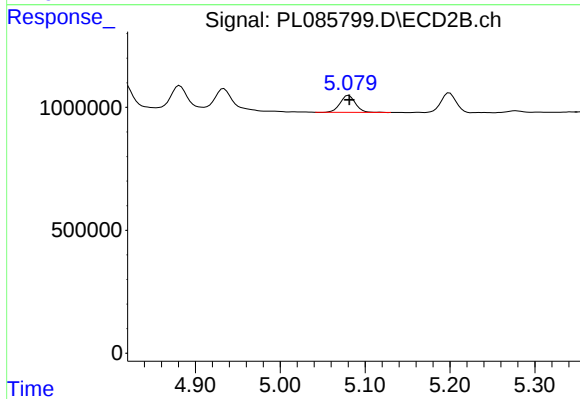
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 1119782
Conc: 1.03 ng/ml m



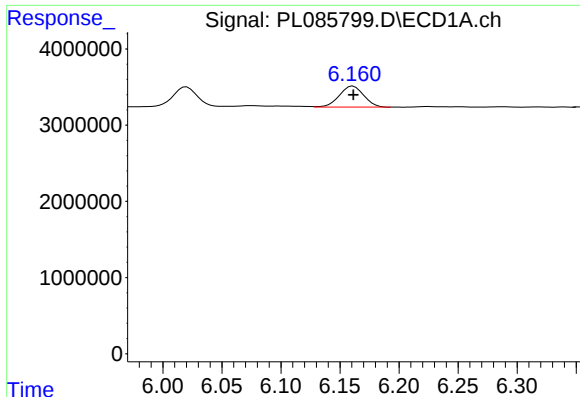
#12 4,4'-DDE

R.T.: 6.020 min
Delta R.T.: -0.001 min
Response: 3730649
Conc: 1.33 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 871604
Conc: 1.06 ng/ml



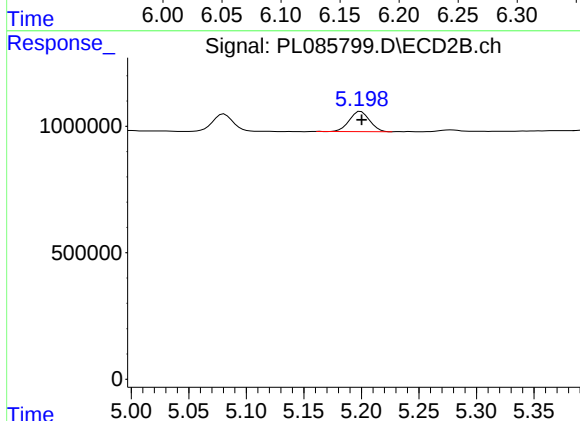
#13 Dieldrin

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 3951099
Conc: 1.20 ng/ml

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

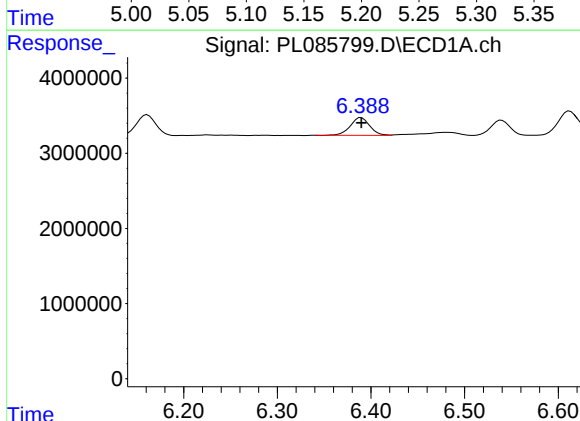
Manual Integrations
APPROVED

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



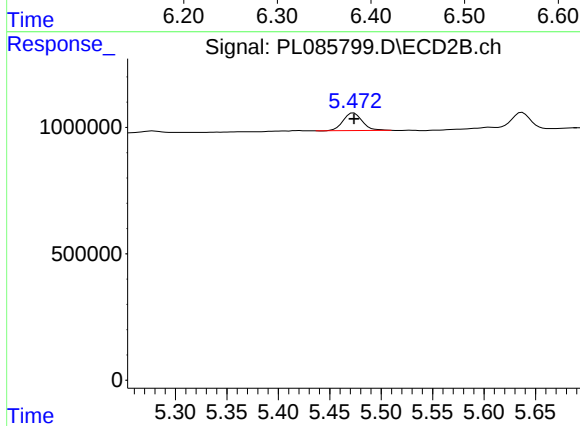
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 988372
Conc: 1.02 ng/ml



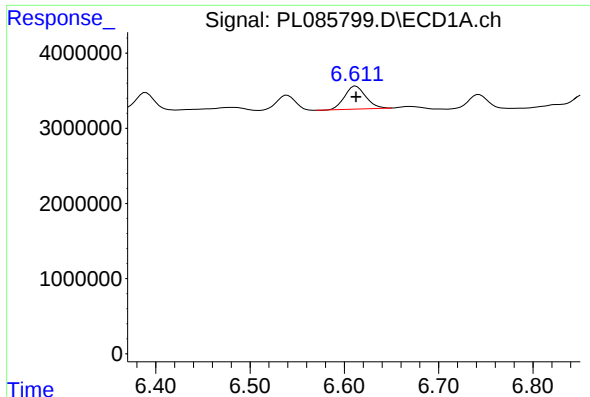
#14 Endrin

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 3418428
Conc: 1.20 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 910075
Conc: 1.01 ng/ml



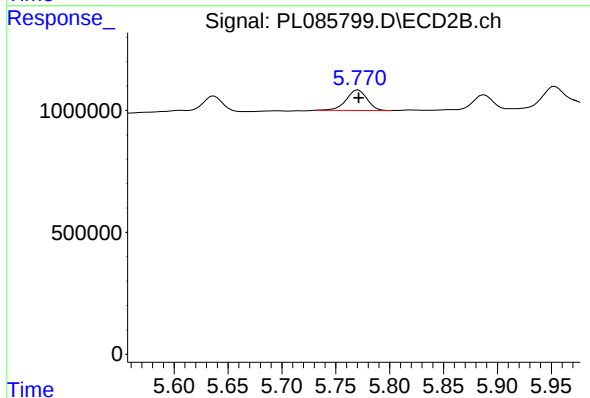
#15 Endosulfan II

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 4799311
Conc: 1.74 ng/ml

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

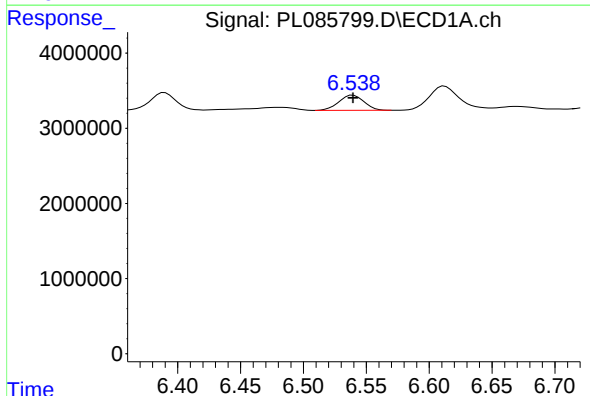
Manual Integrations
APPROVED

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



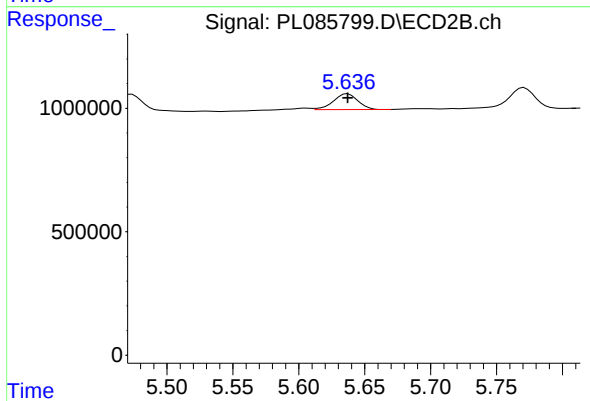
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 1131821
Conc: 1.19 ng/ml



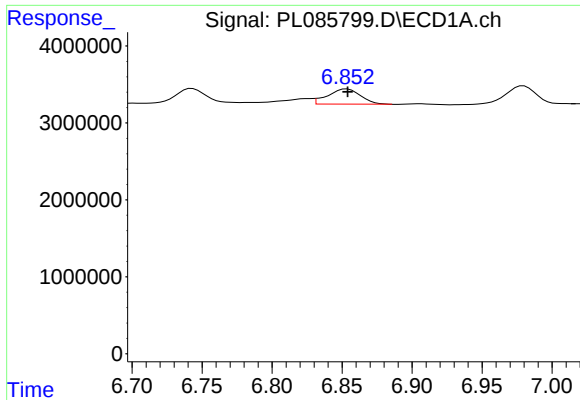
#16 4,4'-DDD

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 2828697
Conc: 1.40 ng/ml



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 821491
Conc: 1.18 ng/ml



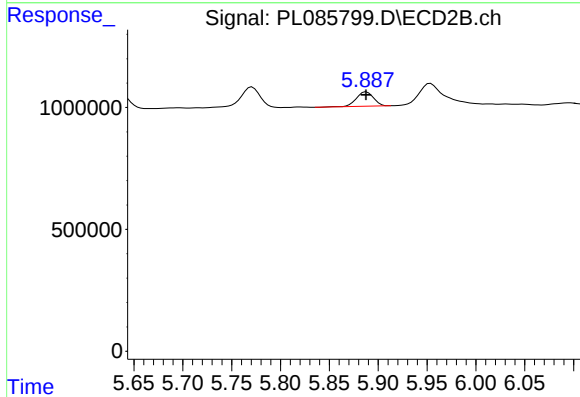
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 3140568
Conc: 1.33 ng/ml

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

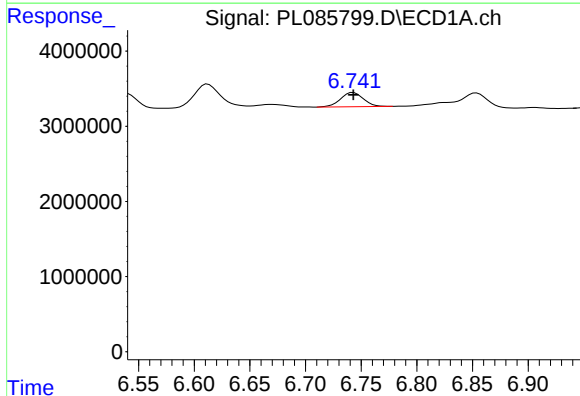
Manual Integrations
APPROVED

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



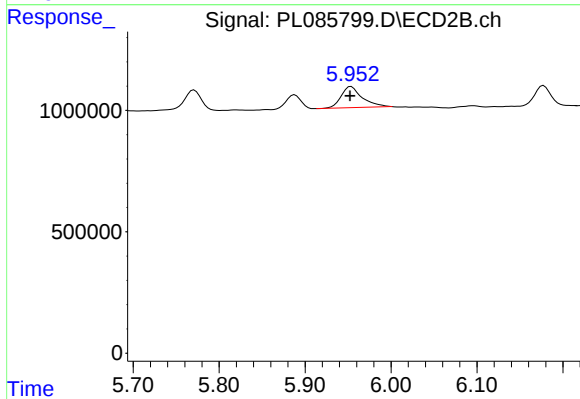
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 717124
Conc: 0.91 ng/ml



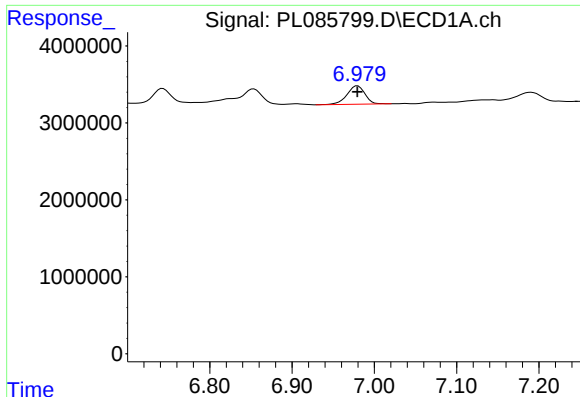
#18 Endrin aldehyde

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 2688020
Conc: 1.33 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 1492908
Conc: 2.00 ng/ml



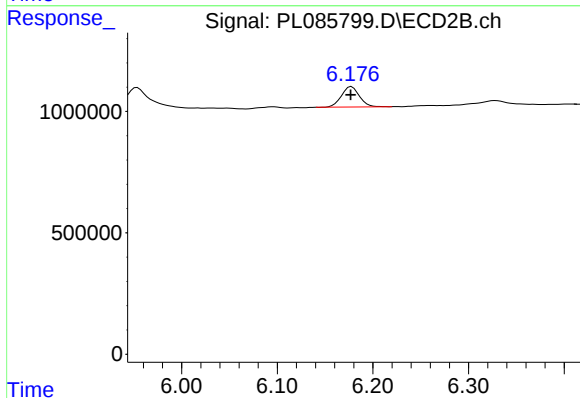
#19 Endosulfan Sulfate

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 3610367
Conc: 1.44 ng/ml

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

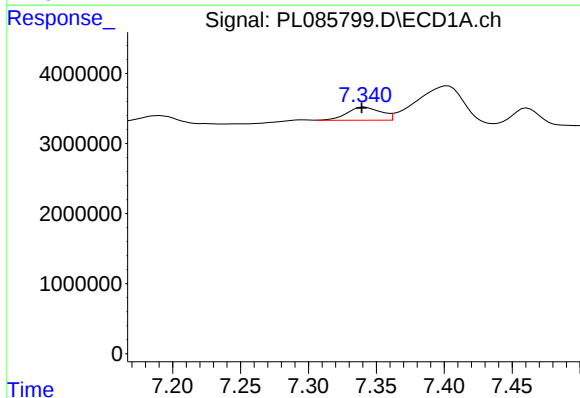
Manual Integrations
APPROVED

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



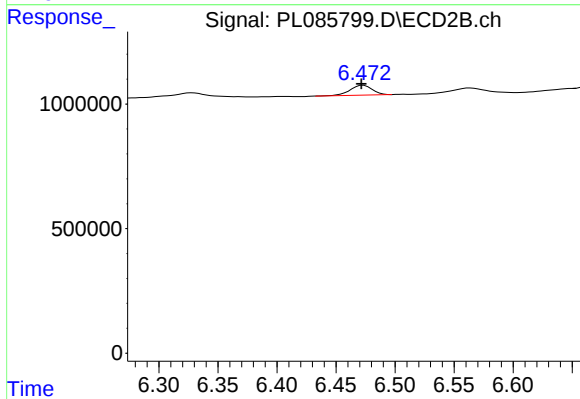
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 1103963
Conc: 1.22 ng/ml



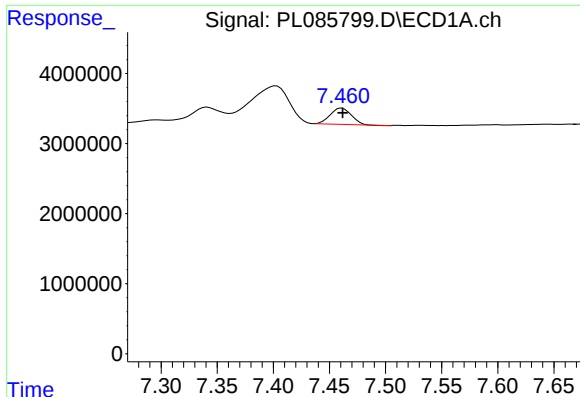
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 3299588
Conc: 2.36 ng/ml m



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.002 min
Response: 517573
Conc: 0.98 ng/ml



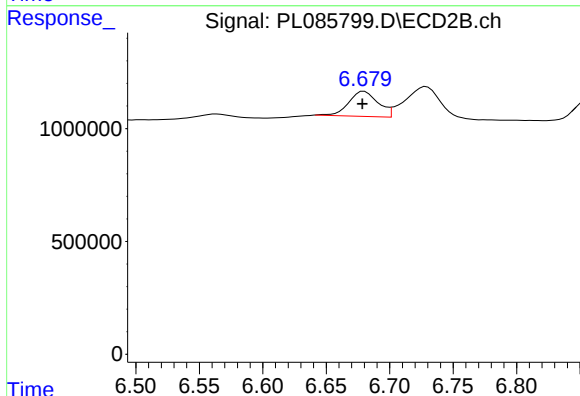
#21 Endrin ketone

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 3059754
Conc: 1.06 ng/ml

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

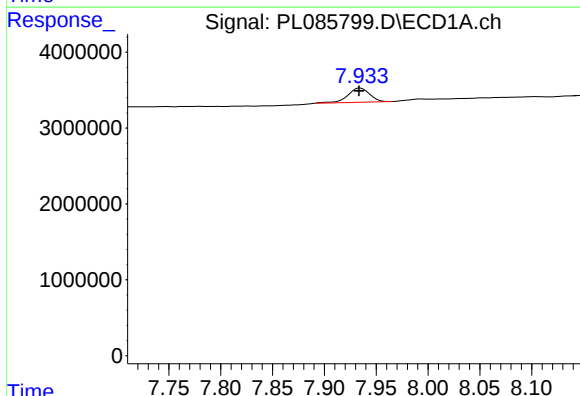
Manual Integrations
APPROVED

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



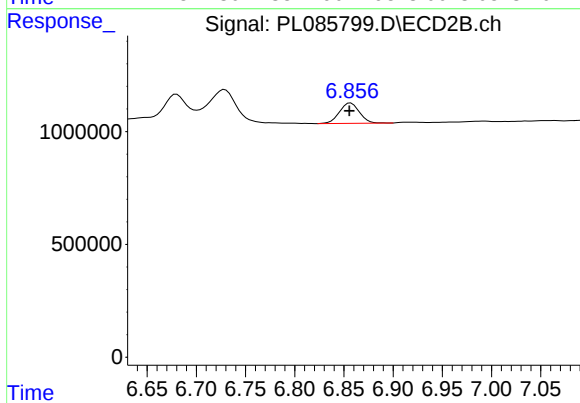
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 1774410
Conc: 1.54 ng/ml



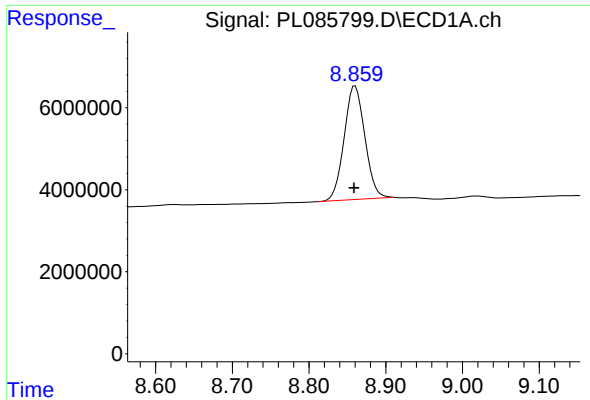
#22 Mirex

R.T.: 7.935 min
Delta R.T.: 0.001 min
Response: 2725153
Conc: 1.23 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 1253201
Conc: 1.33 ng/ml



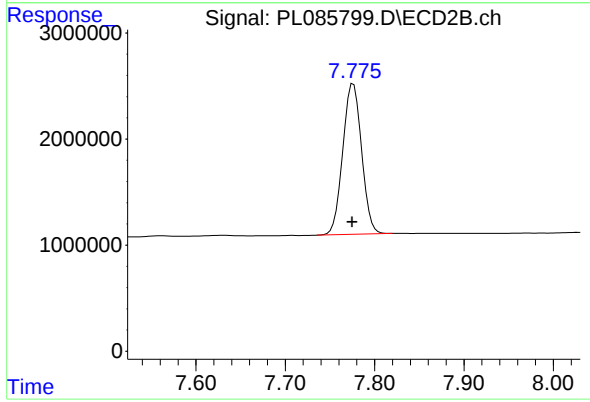
#28 Decachlorobiphenyl

R.T.: 8.860 min
Delta R.T.: 0.001 min
Response: 52221518
Conc: 23.98 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



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.002 min
Response: 20777285
Conc: 22.51 ng/ml