

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 12:58
 Operator : AR\AJ
 Sample : 02213-07
 Misc : PEST LOD 1PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/05/2023
 Supervised By :Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:09:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.324	2.634	54448395	47057243	18.526	18.126
28)	SA Decachlor...	8.744	7.744	46553680	52696935	22.197	21.193
Target Compounds							
2)	A alpha-BHC	3.772	3.130	2730563	2589294	0.615m	0.694
3)	MA gamma-BHC...	4.100	3.455	2739074	2225672	0.661m	0.668m
4)	MA Heptachlor	4.680	3.788	3020005	2409541	0.790	0.658
5)	MB Aldrin	5.017	4.064	2657872	2300261	0.755	0.707
6)	B beta-BHC	4.307	3.759	1333451	1062068	0.708	0.743
7)	B delta-BHC	4.547	3.983	7000204	2107407	2.036	0.643 #
8)	B Heptachlo...	5.443	4.566	2986873	2294783	0.934m	0.773
9)	A Endosulfan I	5.823	4.933	2573217	2412021	0.858m	0.863
10)	B gamma-Chl...	5.697	4.814	2568865	2303675	0.809m	0.767m
11)	B alpha-Chl...	5.775	4.876	2693874	2269075	0.839m	0.756m
12)	B 4,4'-DDE	5.955	5.067	2035344	1718416	0.738	0.708m
13)	MA Dieldrin	6.099	5.198	2364295	2029809	0.786	0.719
14)	MA Endrin	6.325	5.473	1908024	1699869	0.710	0.670
15)	B Endosulfa...	6.520f	5.770	10007126	1460316	N.D. m	0.590m
16)	A 4,4'-DDD	6.470	5.628	35624899	16035770	16.394m	8.338m#
17)	MA 4,4'-DDT	6.781	5.874	2945405	2290263	1.177	1.027
18)	B Endrin al...	6.679	5.948	2307450	3017845	1.148	1.526 #
19)	B Endosulfa...	6.913	6.173	2020840	1913802	0.788	0.781
20)	A Methoxychlor	7.264	6.452	1311351	1144749	0.992	0.900
21)	B Endrin ke...	7.393	6.676	2744311	2016327	1.076m	0.746 #
22)	Mirex	7.857	6.847	1919147	2078039	0.916	0.888m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
Data File : PL083176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2023 12:58
Operator : AR\AJ
Sample : 02213-07
Misc : PEST LOD 1PPB
ALS Vial : 6 Sample Multiplier: 1

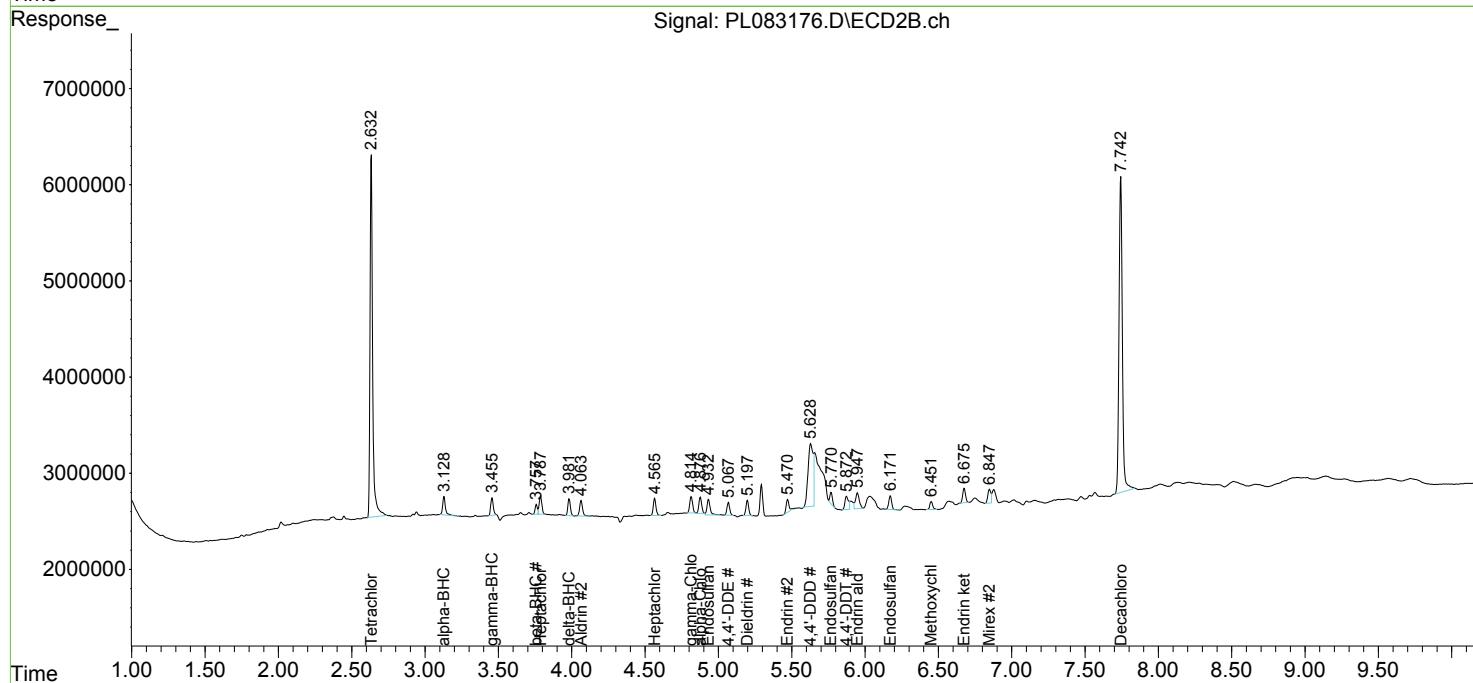
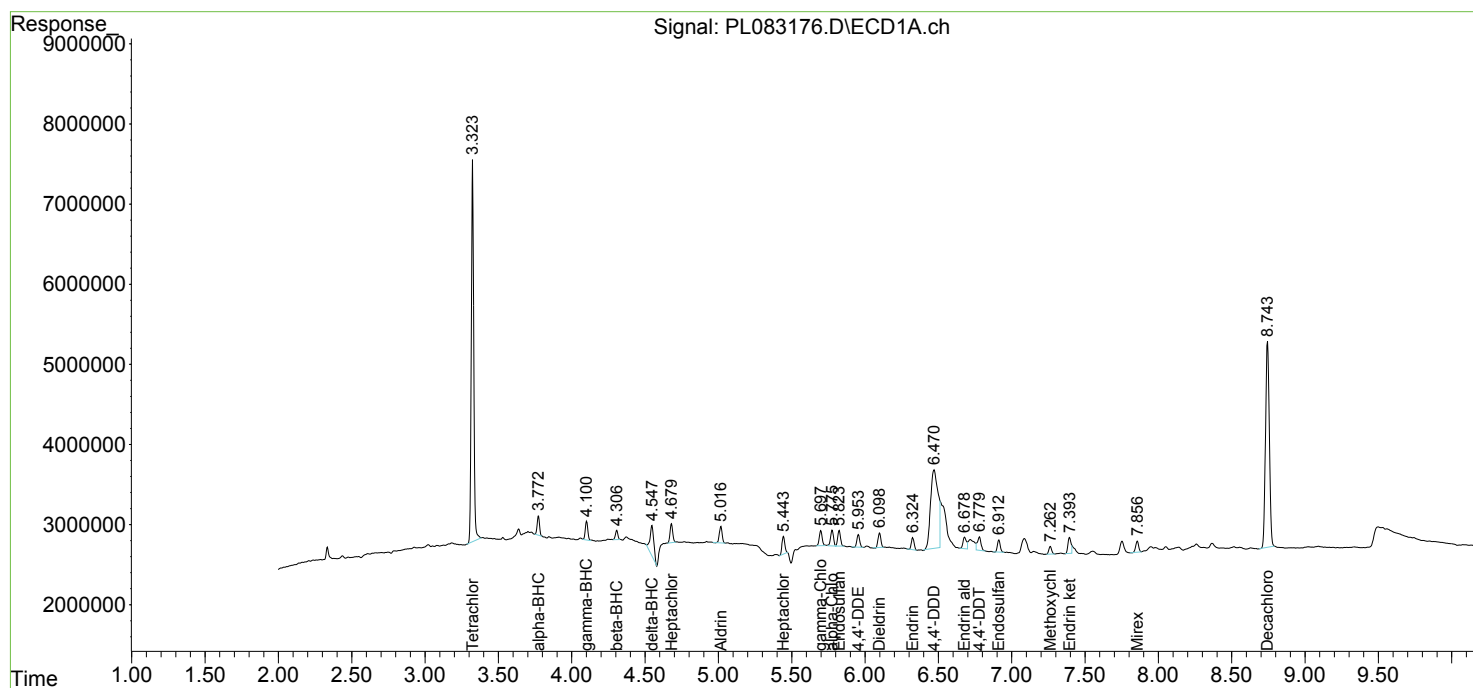
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

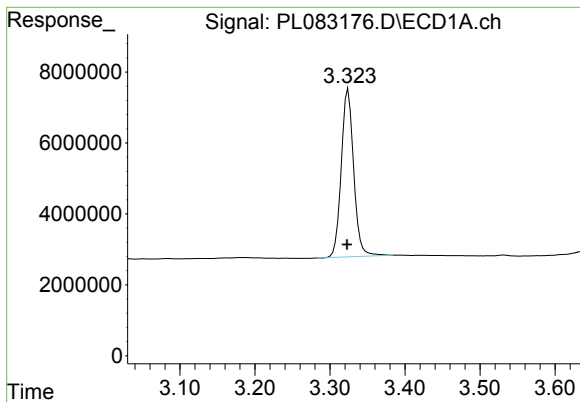
Manual Integrations
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Reviewed By : Abdul Mirza 06/05/2023
Supervised By : Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 05:09:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





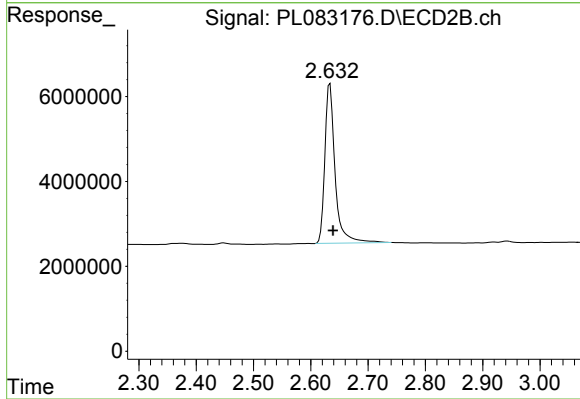
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.001 min
Response: 54448395
Conc: 18.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

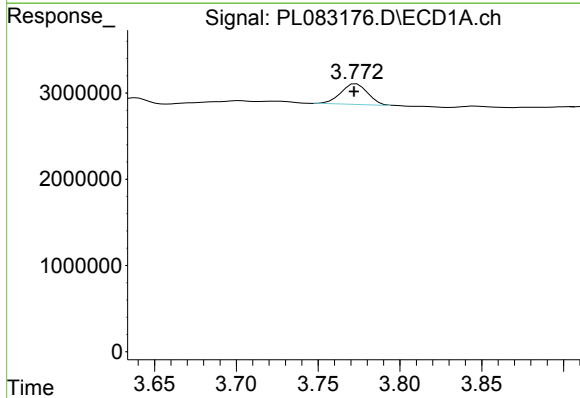
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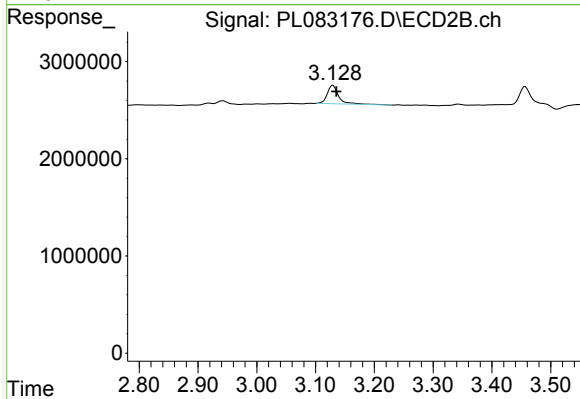
#1 Tetrachloro-m-xylene

R.T.: 2.634 min
Delta R.T.: -0.005 min
Response: 47057243
Conc: 18.13 ng/ml



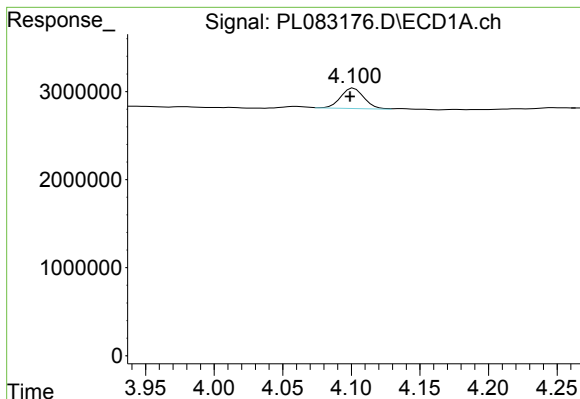
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 2730563
Conc: 0.62 ng/ml m



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 2589294
Conc: 0.69 ng/ml



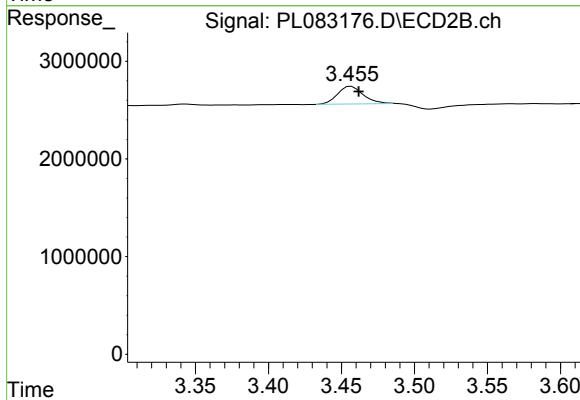
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.001 min
Response: 2739074
Conc: 0.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

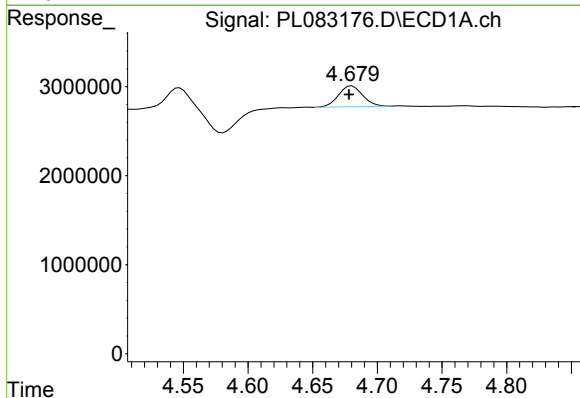
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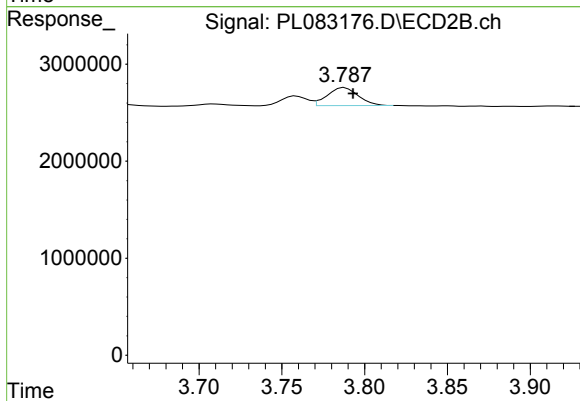
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.006 min
Response: 2225672
Conc: 0.67 ng/ml m



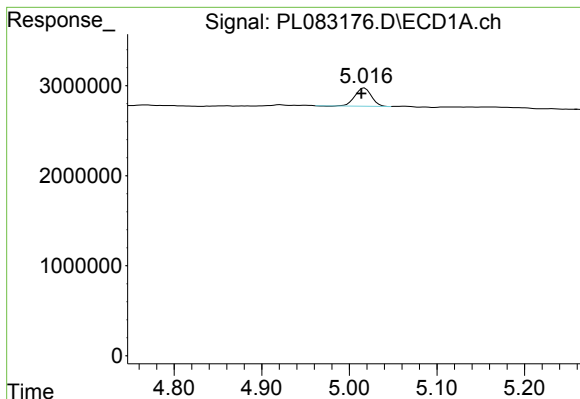
#4 Heptachlor

R.T.: 4.680 min
Delta R.T.: 0.002 min
Response: 3020005
Conc: 0.79 ng/ml



#4 Heptachlor

R.T.: 3.788 min
Delta R.T.: -0.005 min
Response: 2409541
Conc: 0.66 ng/ml



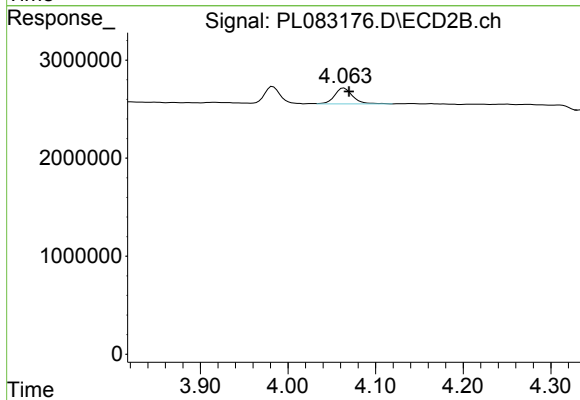
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.003 min
Response: 2657872
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

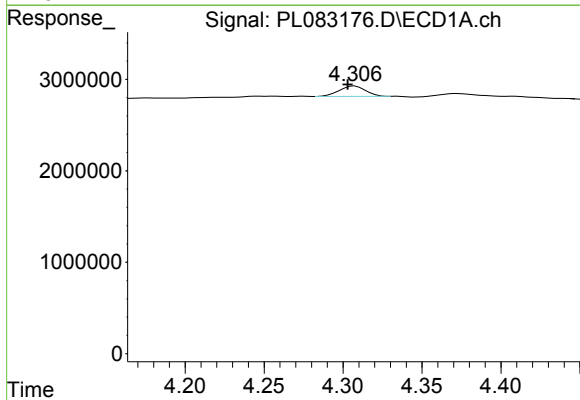
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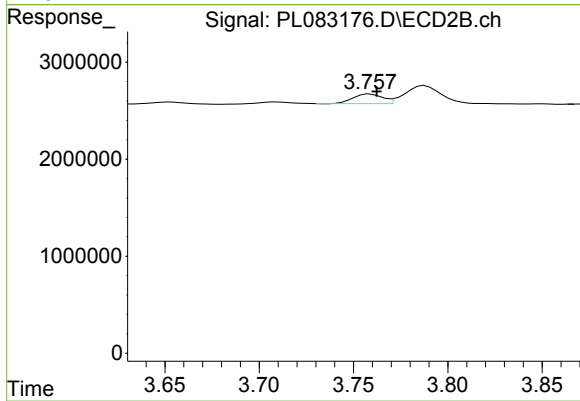
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.006 min
Response: 2300261
Conc: 0.71 ng/ml



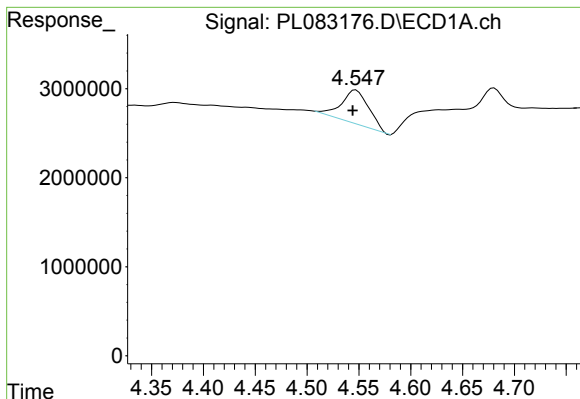
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: 0.004 min
Response: 1333451
Conc: 0.71 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 1062068
Conc: 0.74 ng/ml



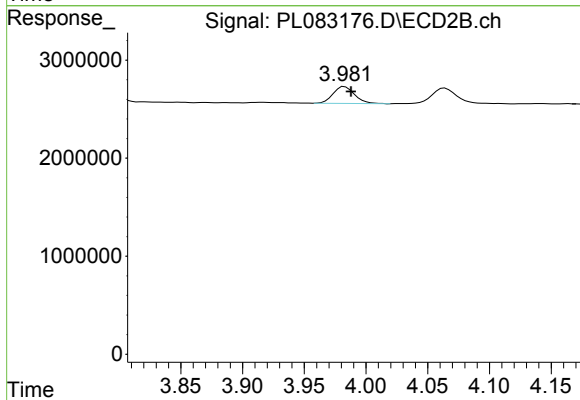
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: 0.003 min
Response: 7000204
Conc: 2.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

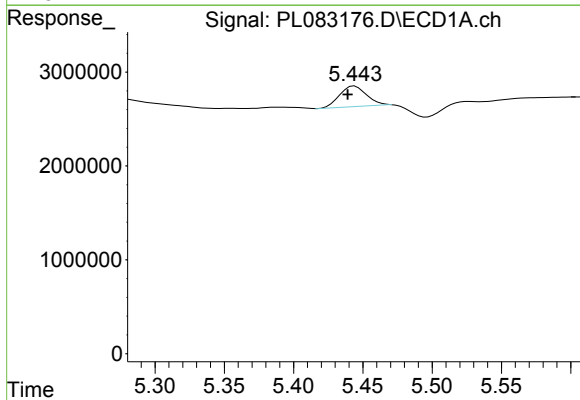
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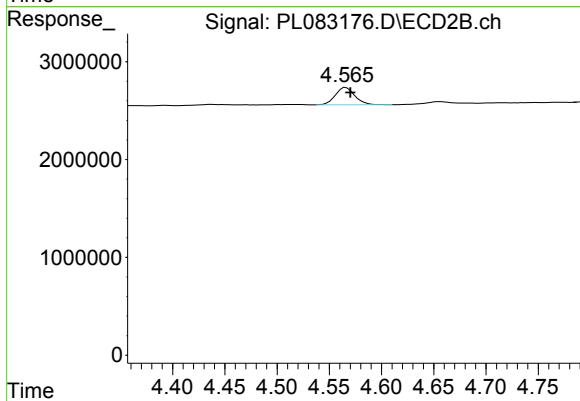
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 2107407
Conc: 0.64 ng/ml



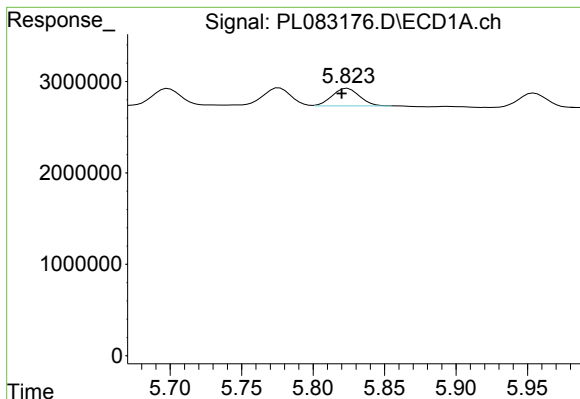
#8 Heptachlor epoxide

R.T.: 5.443 min
Delta R.T.: 0.004 min
Response: 2986873
Conc: 0.93 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 2294783
Conc: 0.77 ng/ml



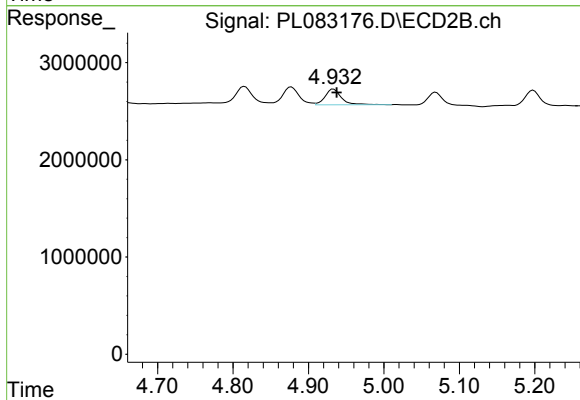
#9 Endosulfan I

R.T.: 5.823 min
Delta R.T.: 0.003 min
Response: 2573217
Conc: 0.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

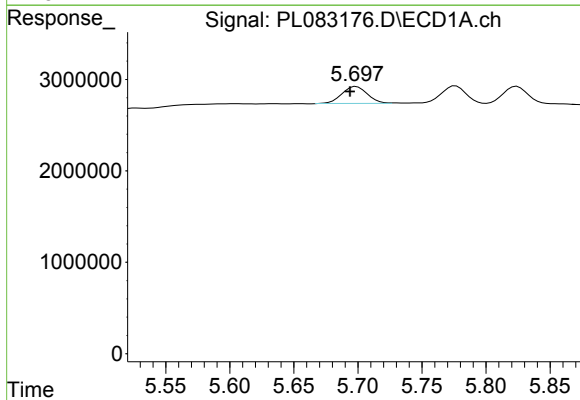
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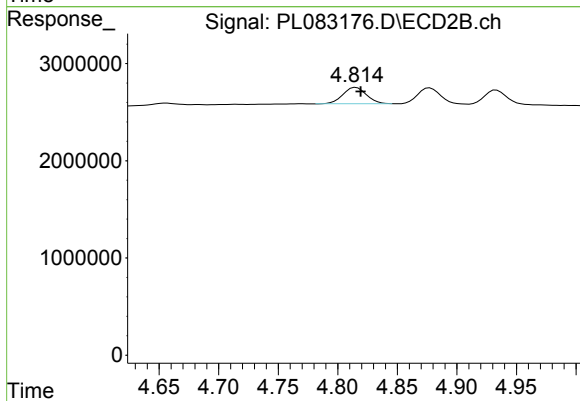
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 2412021
Conc: 0.86 ng/ml



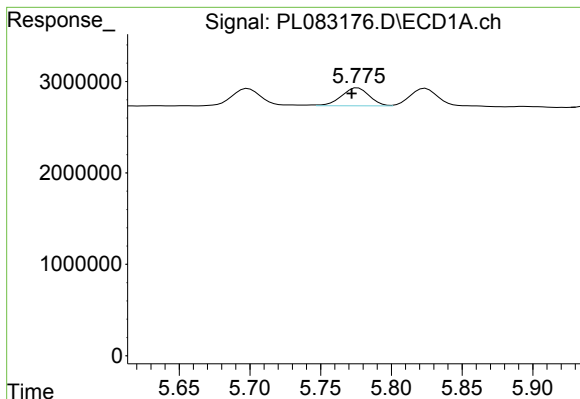
#10 gamma-Chlordane

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 2568865
Conc: 0.81 ng/ml m



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 2303675
Conc: 0.77 ng/ml m



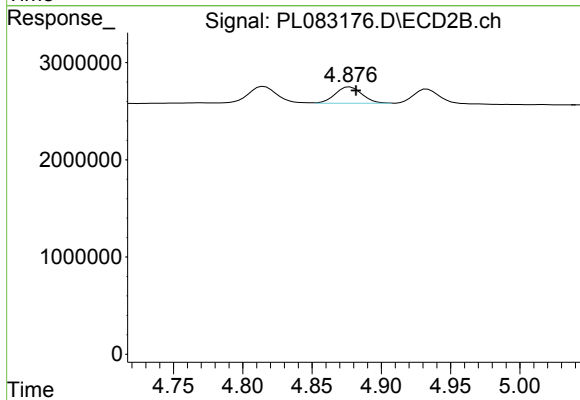
#11 alpha-Chlordane

R.T.: 5.775 min
Delta R.T.: 0.003 min
Response: 2693874
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

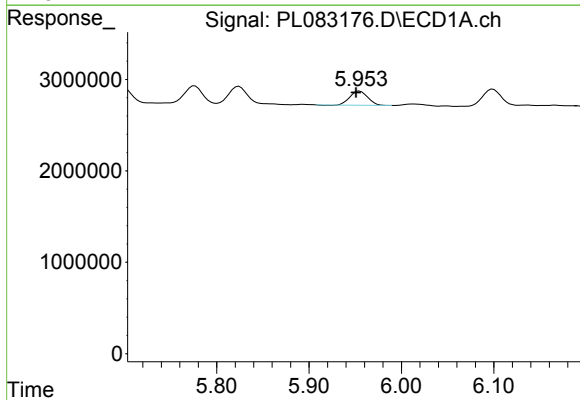
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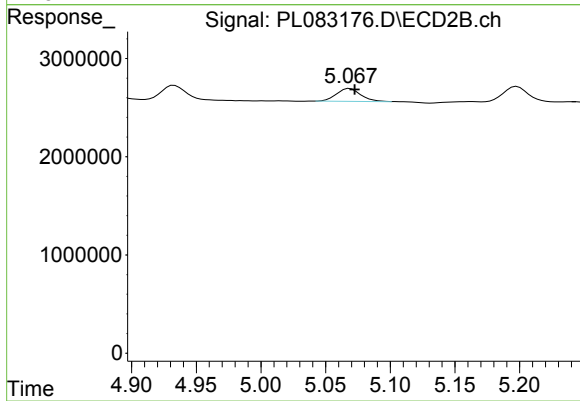
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: -0.006 min
Response: 2269075
Conc: 0.76 ng/ml m



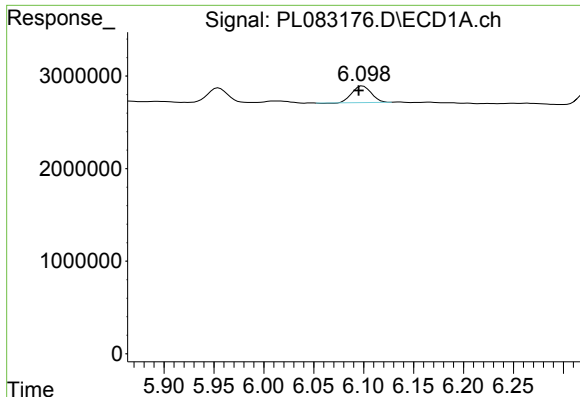
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: 0.004 min
Response: 2035344
Conc: 0.74 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 1718416
Conc: 0.71 ng/ml m



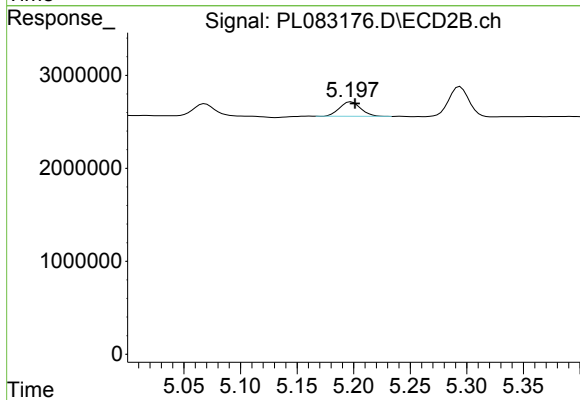
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.004 min
Response: 2364295
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

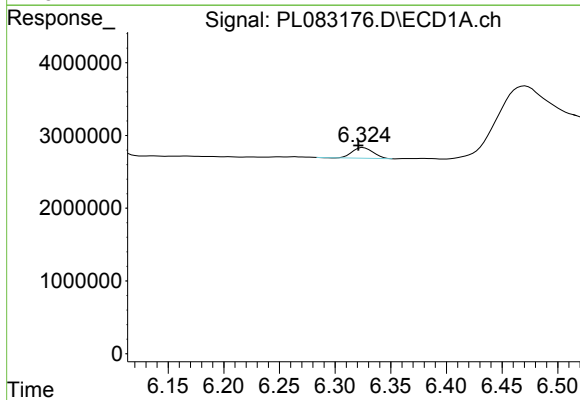
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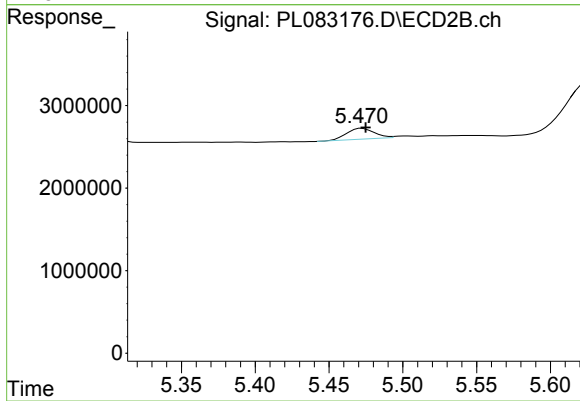
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 2029809
Conc: 0.72 ng/ml



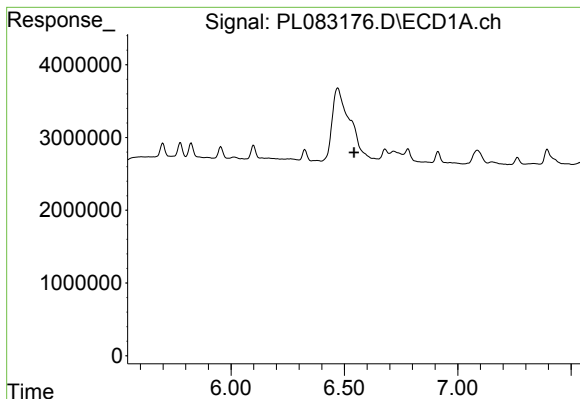
#14 Endrin

R.T.: 6.325 min
Delta R.T.: 0.004 min
Response: 1908024
Conc: 0.71 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: -0.002 min
Response: 1699869
Conc: 0.67 ng/ml



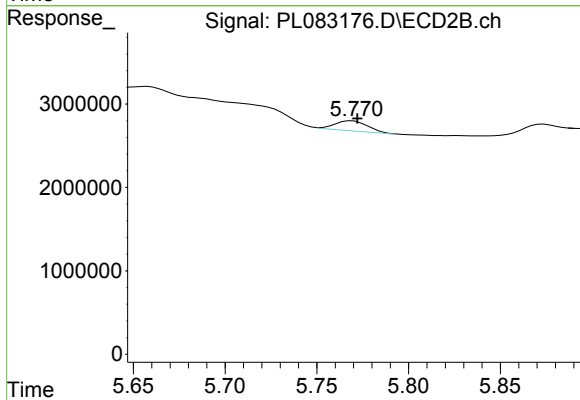
#15 Endosulfan II

R.T.: 6.520 min
Delta R.T.: -0.023 min
Response: 10007126
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

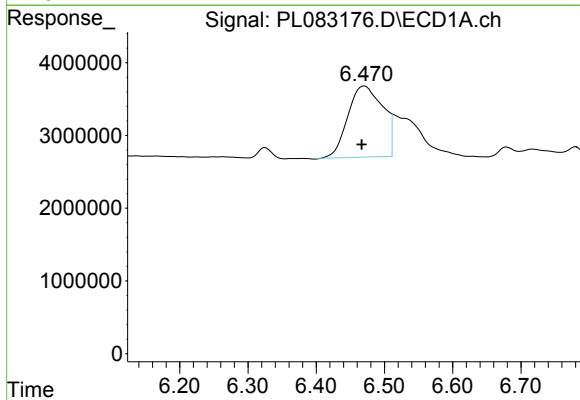
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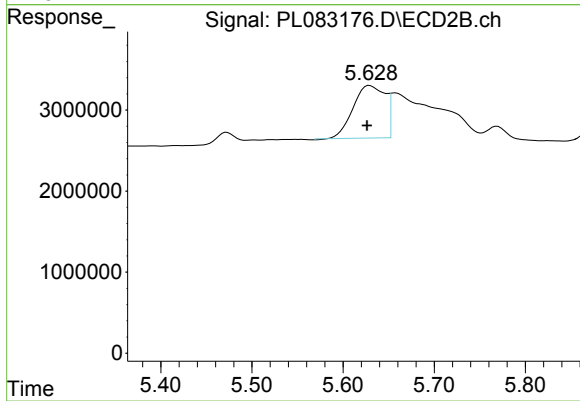
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 1460316
Conc: 0.59 ng/ml m



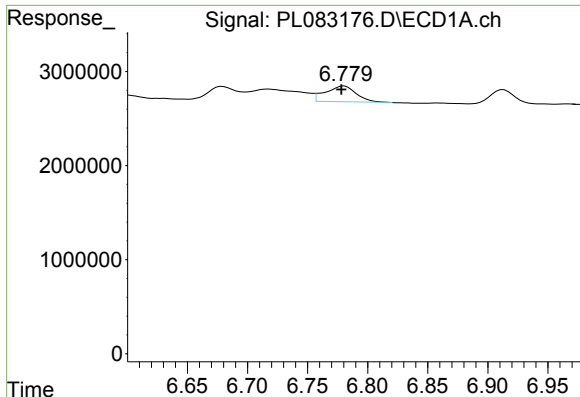
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 35624899
Conc: 16.39 ng/ml m



#16 4,4'-DDD

R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 16035770
Conc: 8.34 ng/ml m



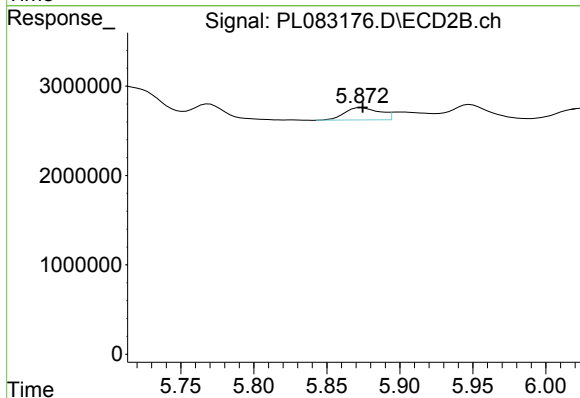
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: 0.003 min
Response: 2945405
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

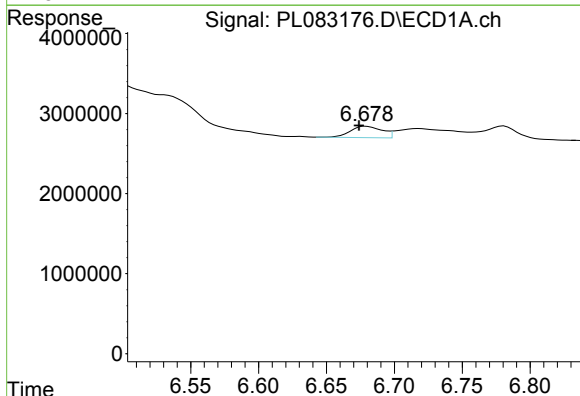
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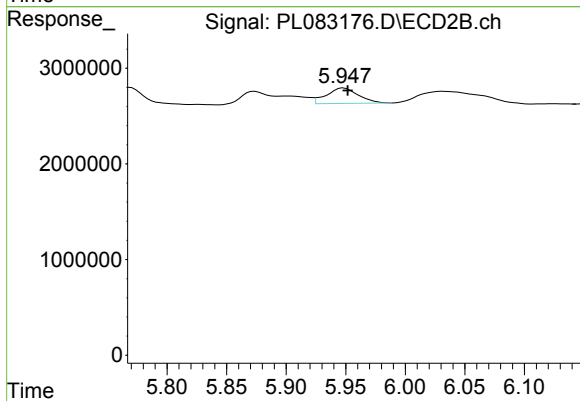
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 2290263
Conc: 1.03 ng/ml



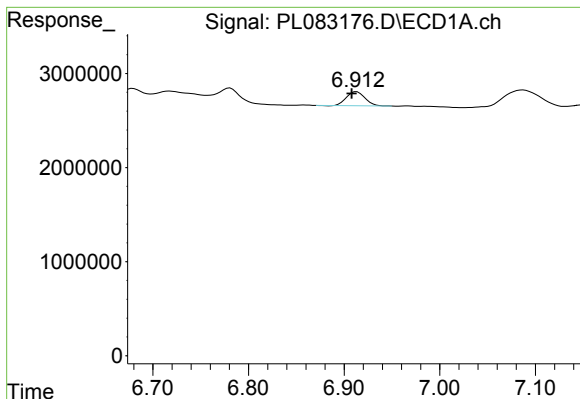
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: 0.005 min
Response: 2307450
Conc: 1.15 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 3017845
Conc: 1.53 ng/ml



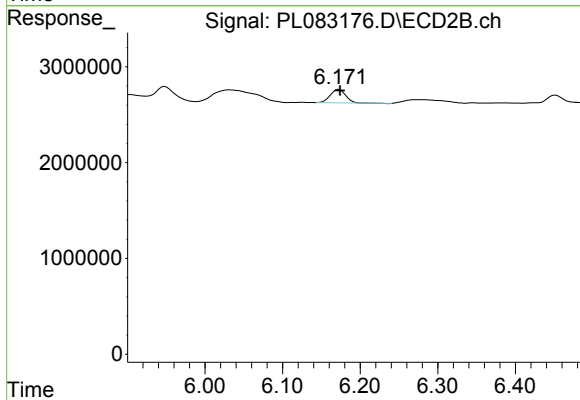
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.005 min
Response: 2020840
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

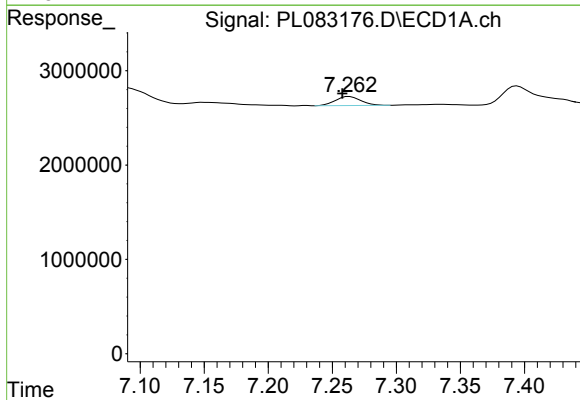
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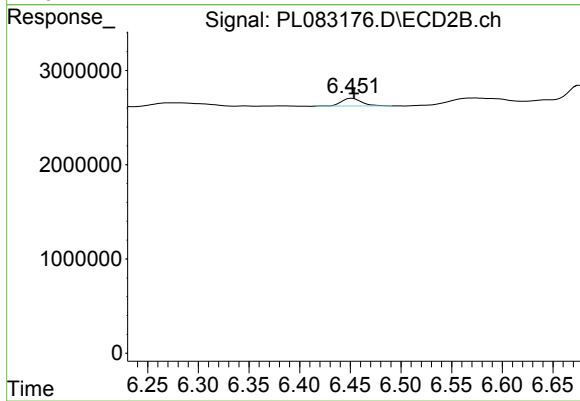
#19 Endosulfan Sulfate

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1913802
Conc: 0.78 ng/ml



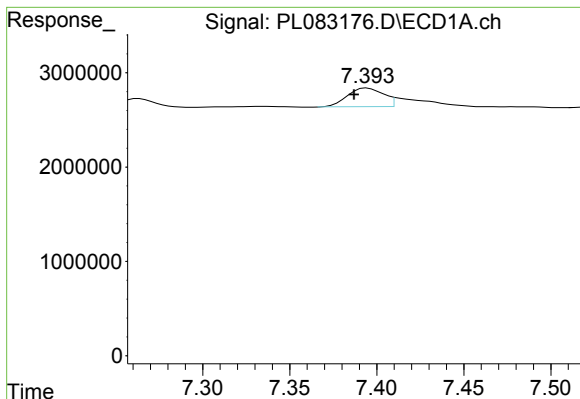
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: 0.006 min
Response: 1311351
Conc: 0.99 ng/ml



#20 Methoxychlor

R.T.: 6.452 min
Delta R.T.: -0.002 min
Response: 1144749
Conc: 0.90 ng/ml



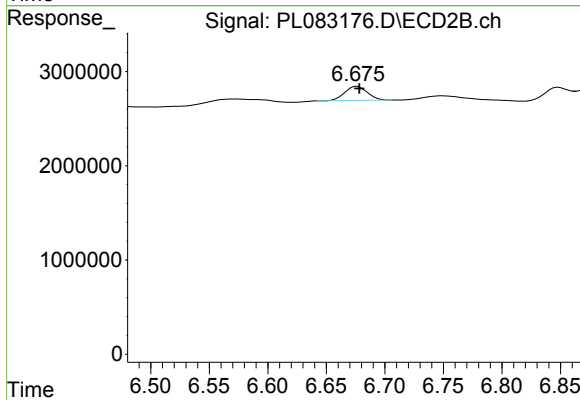
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: 0.006 min
Response: 2744311
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

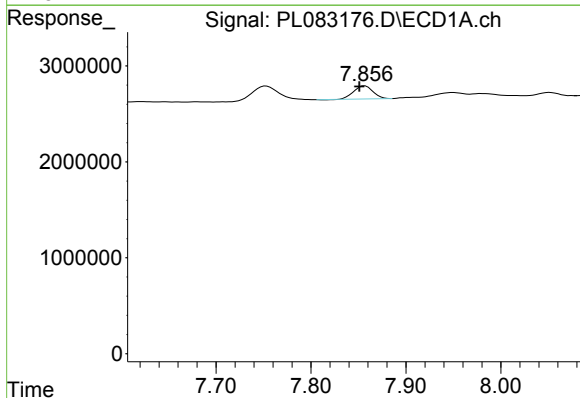
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2023
Supervised By :Ankita Jodhani 06/05/2023



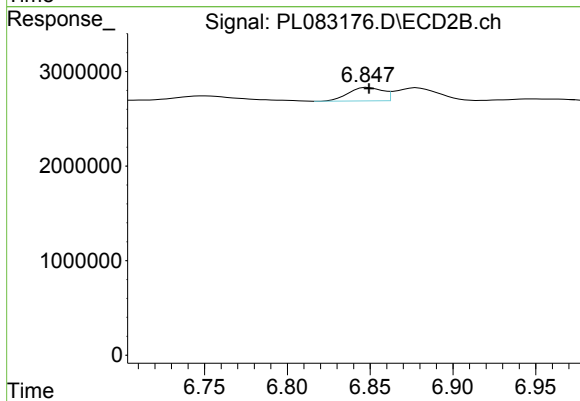
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 2016327
Conc: 0.75 ng/ml



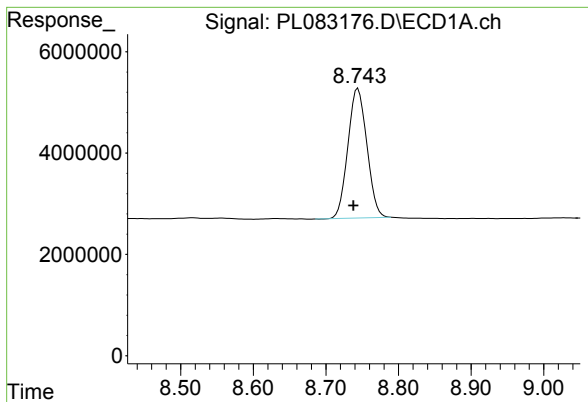
#22 Mirex

R.T.: 7.857 min
Delta R.T.: 0.006 min
Response: 1919147
Conc: 0.92 ng/ml



#22 Mirex

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 2078039
Conc: 0.89 ng/ml m



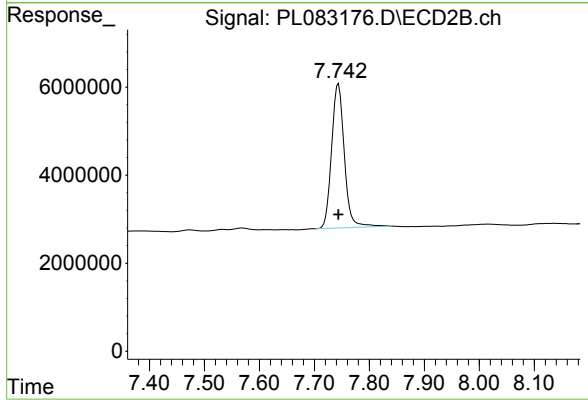
#28 Decachlorobiphenyl

R.T.: 8.744 min
Delta R.T.: 0.006 min
Response: 46553680
Conc: 22.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 06/05/2023



#28 Decachlorobiphenyl

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 52696935
Conc: 21.19 ng/ml