

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
 Data File : PL081492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 10:50
 Operator : AR\AJ
 Sample : 01627-09
 Misc : PEST MDL 1PPB WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/17/2023
 Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 21:48:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.331	2.662	39643221	35306264	18.349	17.445
28)	SA Decachlor...	8.755	7.782	30173483	38089972	19.792	19.885
Target Compounds							
2)	A alpha-BHC	3.780	3.161	2737621	2620658	0.861	0.894
3)	MA gamma-BHC...	4.108	3.489	2636278	2555368	0.891	0.929
4)	MA Heptachlor	4.688	3.821	2679777	2422137	0.971	0.878m
5)	MB Aldrin	5.025	4.100	2561536	2423438	1.007	0.924
6)	B beta-BHC	4.311	3.786	2019756	1460442	1.467	1.258m
7)	B delta-BHC	4.552	4.015	4697803	2070810	1.690	0.813 #
8)	B Heptachlo...	5.451	4.602	3028934	2547350	1.283	1.053
9)	A Endosulfan I	5.833	4.970	2420557	2265970	1.146	1.001
10)	B gamma-Chl...	5.705	4.851	2523108	2490709	1.106m	1.018
11)	B alpha-Chl...	5.783	4.914	2515101	2549559	1.116m	1.041
12)	B 4,4'-DDE	5.962	5.105	2084743	1725111	1.065	0.879
13)	MA Dieldrin	6.107	5.234	2331379	2049295	1.114	0.909
14)	MA Endrin	6.334	5.509	1818160	1746909	1.000	0.869
15)	B Endosulfa...	6.556	5.806	2183442	1971438	1.252	1.069
16)	A 4,4'-DDD	6.478	5.660	1748081	1256939	1.136	0.819 #
17)	MA 4,4'-DDT	6.789	5.909	1712266	1463328	1.079	0.912
18)	B Endrin al...	6.685	5.986	1838732	1687030	1.285m	1.114
19)	B Endosulfa...	6.920	6.209	2018271	1955183	1.124	1.017
20)	A Methoxychlor	7.270	6.490	946572	970024	1.099	1.045
21)	B Endrin ke...	7.399	6.714	2027793	2050961	1.118	0.953
22)	Mirex	7.865	6.887	1702840	2125431	1.167	1.104

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
Data File : PL081492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Mar 2023 10:50
Operator : AR\AJ
Sample : 01627-09
Misc : PEST MDL 1PPB WATER
ALS Vial : 9 Sample Multiplier: 1

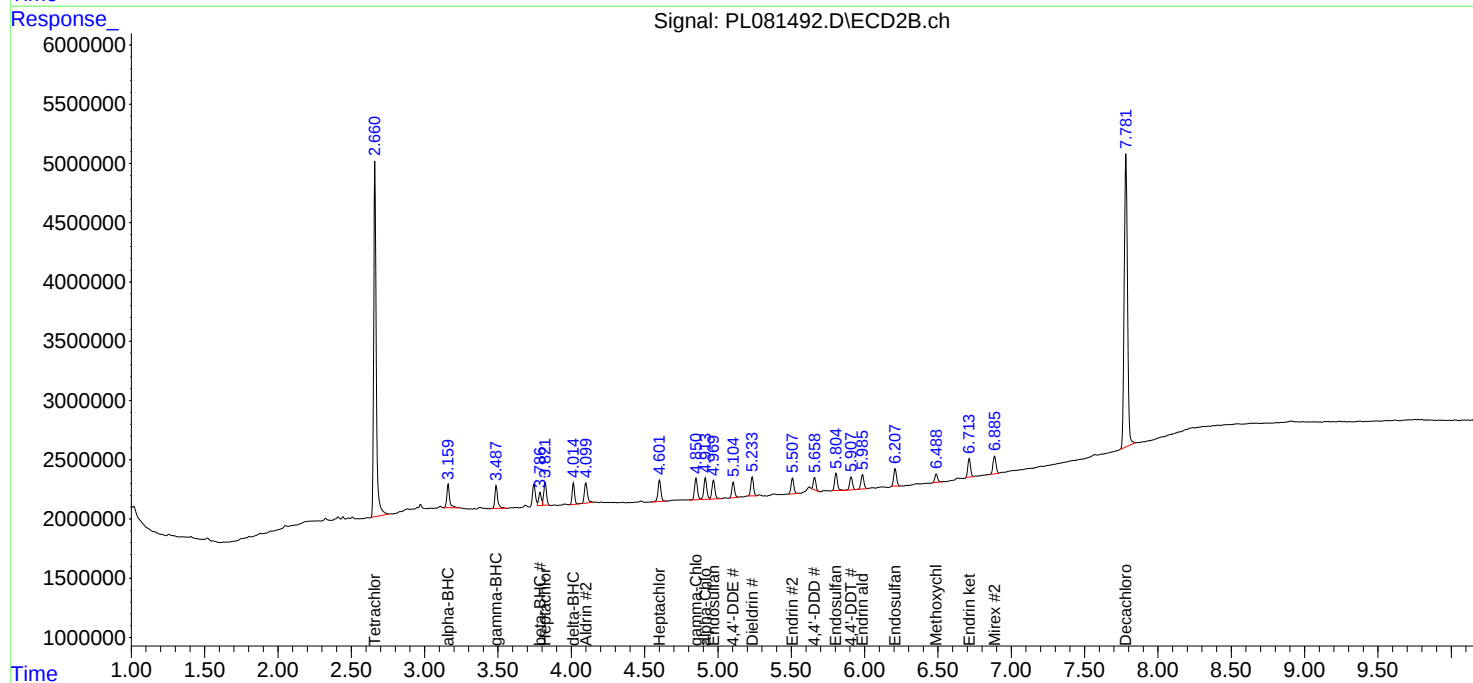
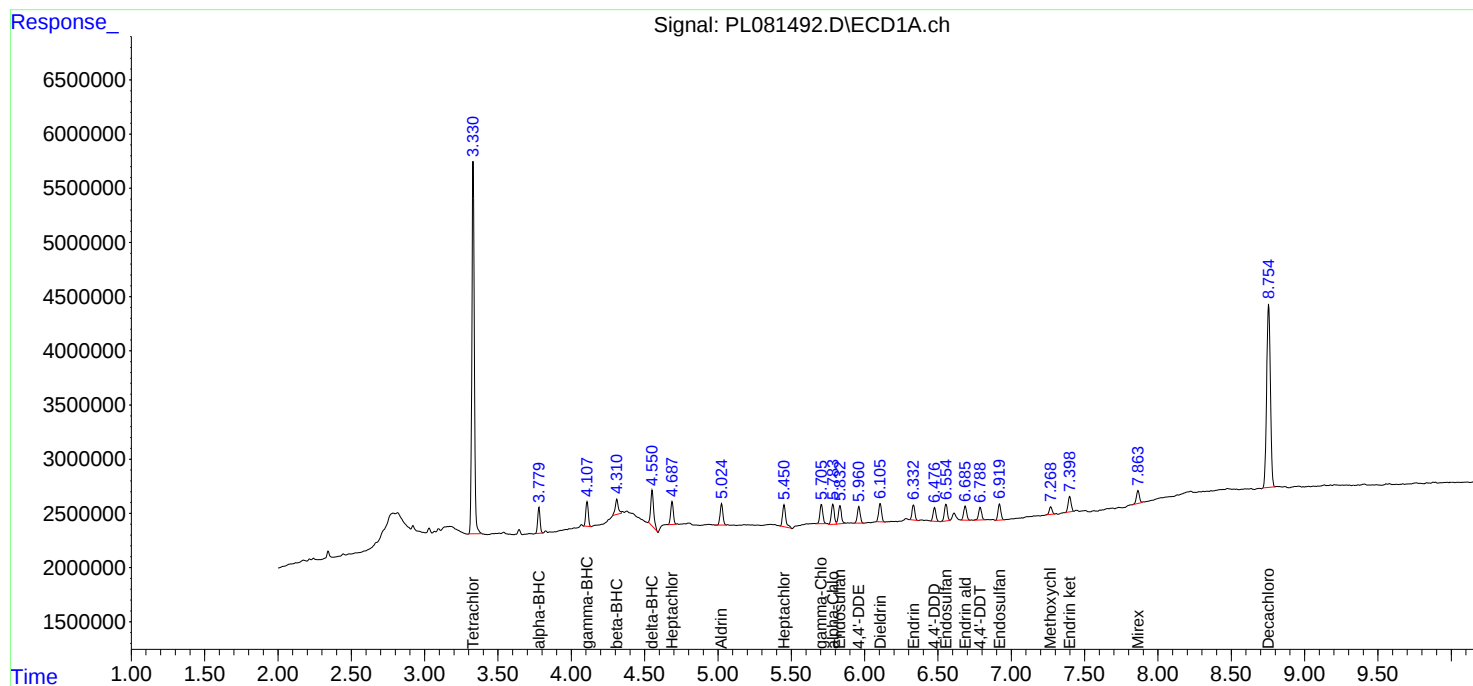
Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

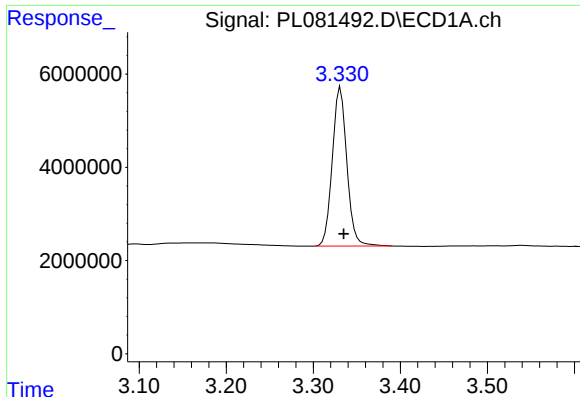
Manual Integrations
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Supervised By :Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 16 21:48:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





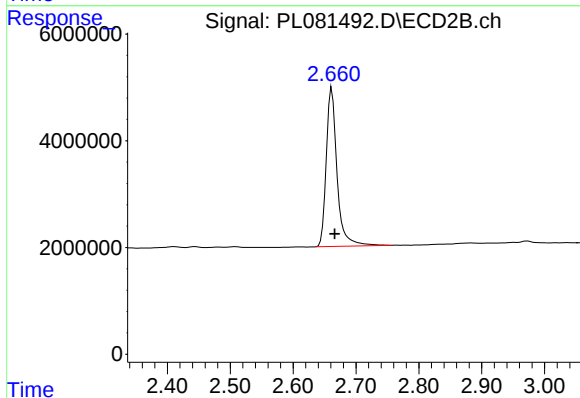
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 39643221
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

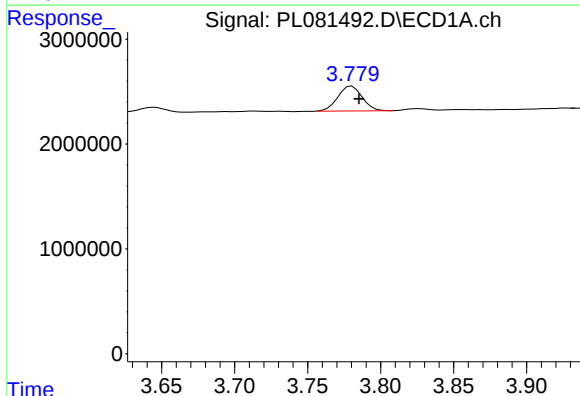
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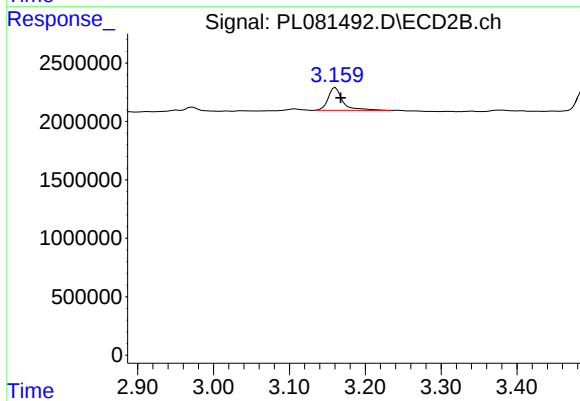
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.005 min
Response: 35306264
Conc: 17.45 ng/ml



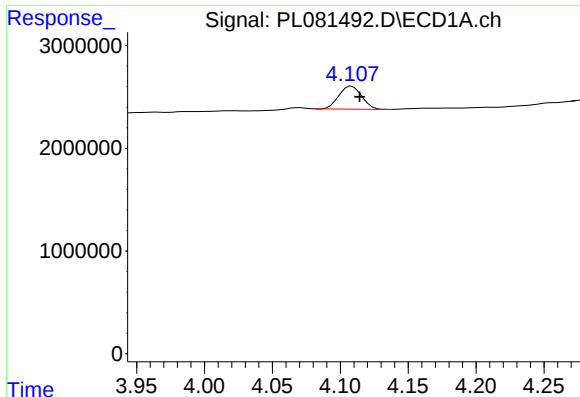
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.005 min
Response: 2737621
Conc: 0.86 ng/ml



#2 alpha-BHC

R.T.: 3.161 min
Delta R.T.: -0.007 min
Response: 2620658
Conc: 0.89 ng/ml



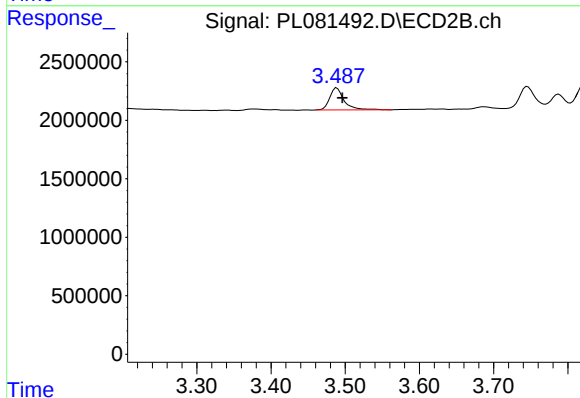
#3 gamma-BHC (Lindane)

R.T.: 4.108 min
Delta R.T.: -0.006 min
Response: 2636278
Conc: 0.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

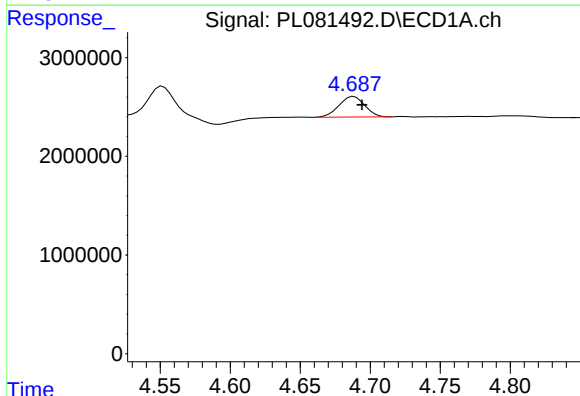
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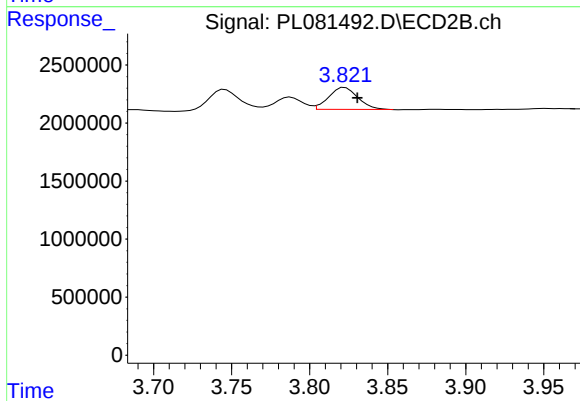
#3 gamma-BHC (Lindane)

R.T.: 3.489 min
Delta R.T.: -0.008 min
Response: 2555368
Conc: 0.93 ng/ml



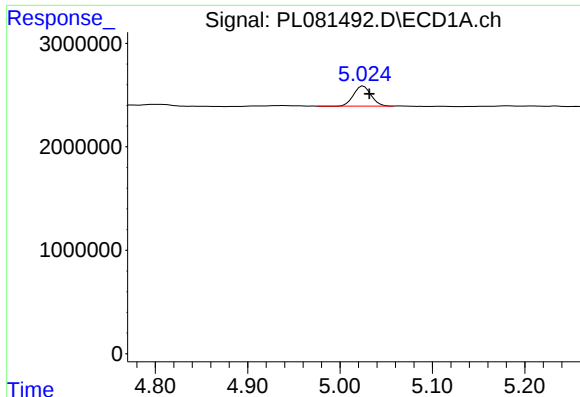
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 2679777
Conc: 0.97 ng/ml



#4 Heptachlor

R.T.: 3.821 min
Delta R.T.: -0.009 min
Response: 2422137
Conc: 0.88 ng/ml m



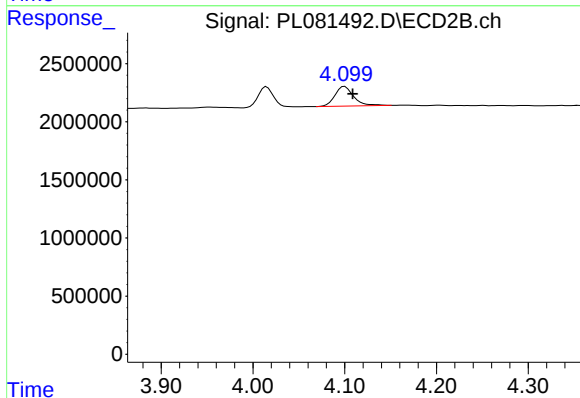
#5 Aldrin

R.T.: 5.025 min
Delta R.T.: -0.006 min
Response: 2561536
Conc: 1.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

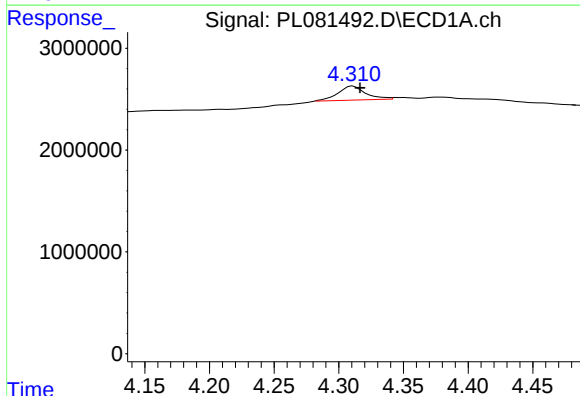
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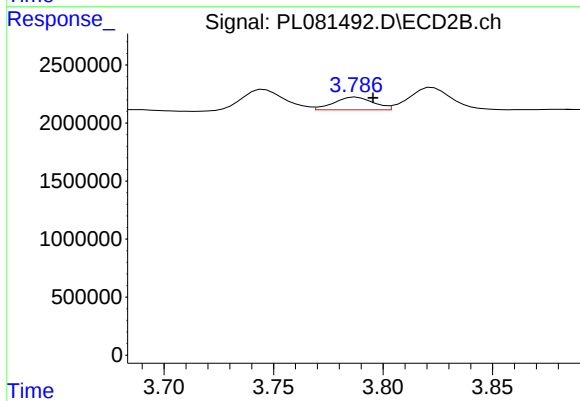
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.009 min
Response: 2423438
Conc: 0.92 ng/ml



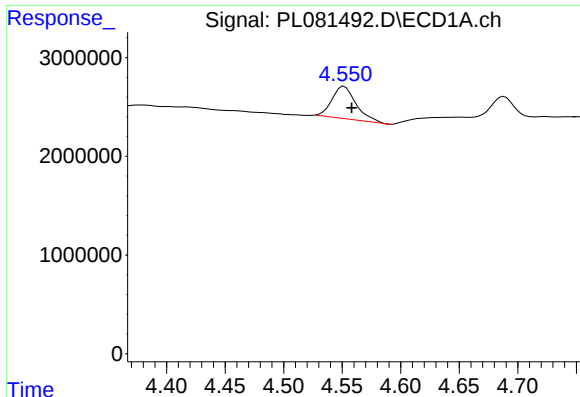
#6 beta-BHC

R.T.: 4.311 min
Delta R.T.: -0.005 min
Response: 2019756
Conc: 1.47 ng/ml



#6 beta-BHC

R.T.: 3.786 min
Delta R.T.: -0.009 min
Response: 1460442
Conc: 1.26 ng/ml m



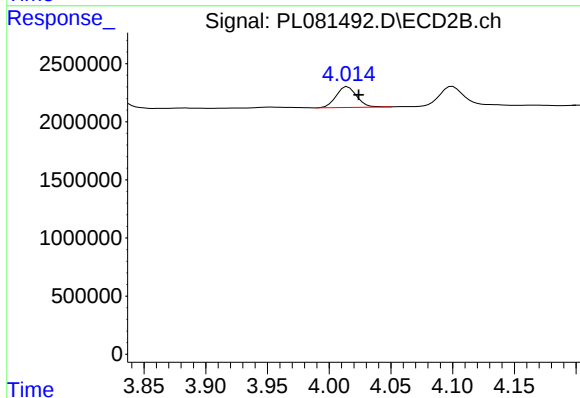
#7 delta-BHC

R.T.: 4.552 min
Delta R.T.: -0.006 min
Response: 4697803
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

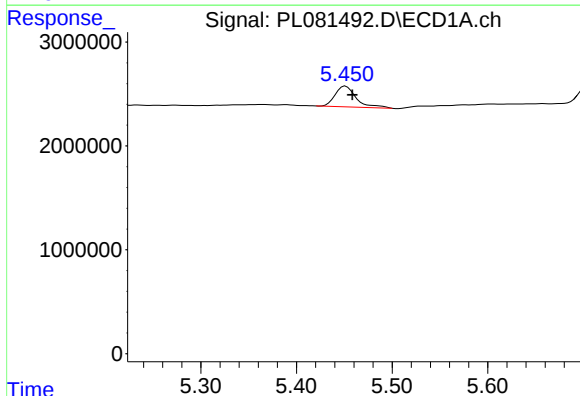
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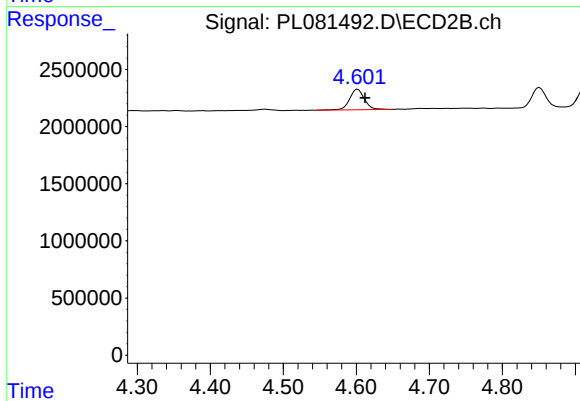
#7 delta-BHC

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 2070810
Conc: 0.81 ng/ml



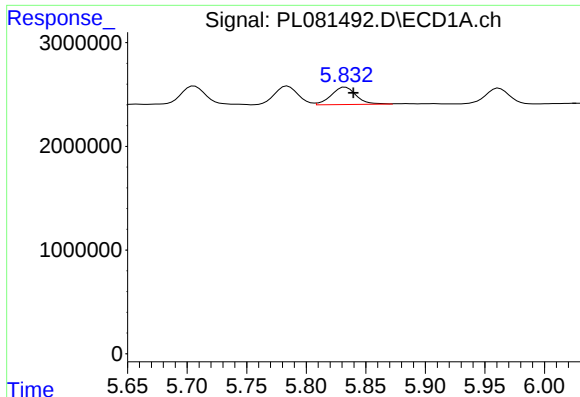
#8 Heptachlor epoxide

R.T.: 5.451 min
Delta R.T.: -0.007 min
Response: 3028934
Conc: 1.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.602 min
Delta R.T.: -0.010 min
Response: 2547350
Conc: 1.05 ng/ml



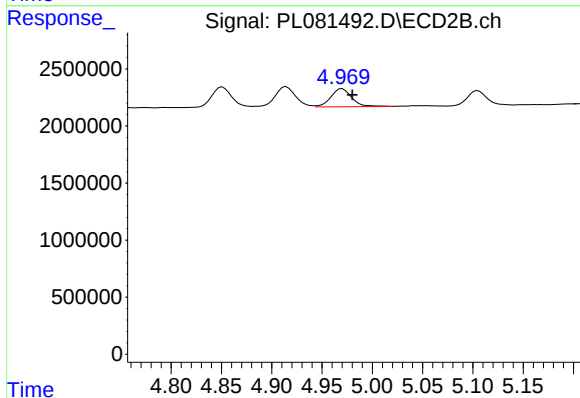
#9 Endosulfan I

R.T.: 5.833 min
Delta R.T.: -0.007 min
Response: 2420557
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

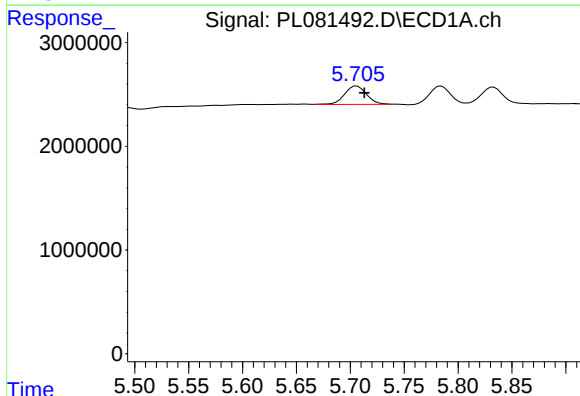
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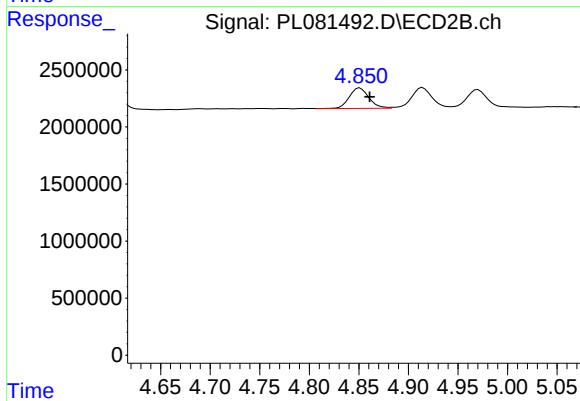
#9 Endosulfan I

R.T.: 4.970 min
Delta R.T.: -0.010 min
Response: 2265970
Conc: 1.00 ng/ml



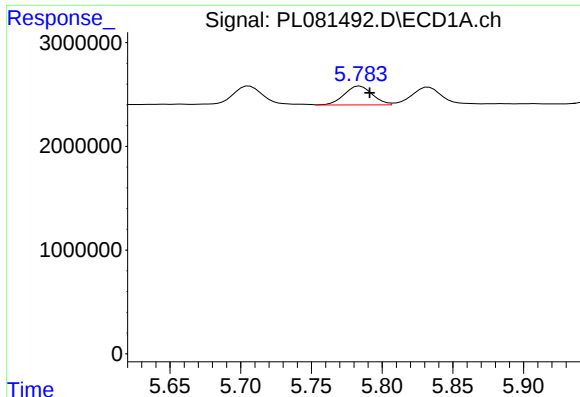
#10 gamma-Chlordane

R.T.: 5.705 min
Delta R.T.: -0.008 min
Response: 2523108
Conc: 1.11 ng/ml m



#10 gamma-Chlordane

R.T.: 4.851 min
Delta R.T.: -0.010 min
Response: 2490709
Conc: 1.02 ng/ml



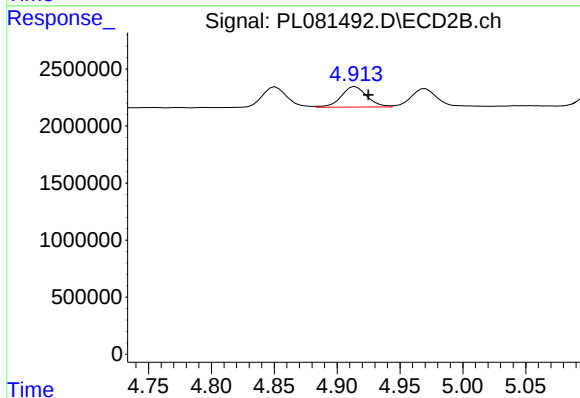
#11 alpha-Chlordane

R.T.: 5.783 min
Delta R.T.: -0.008 min
Response: 2515101
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

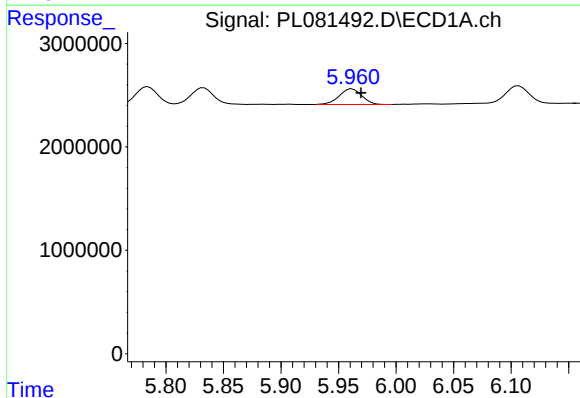
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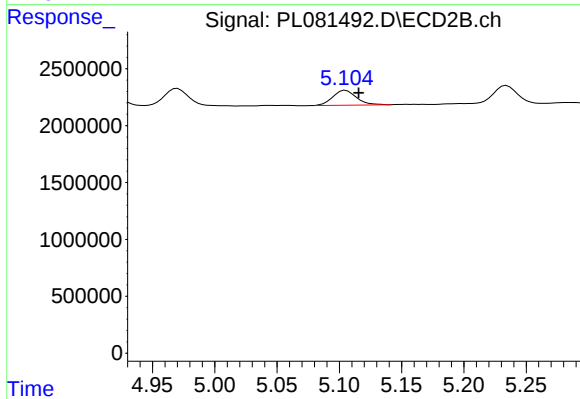
#11 alpha-Chlordane

R.T.: 4.914 min
Delta R.T.: -0.010 min
Response: 2549559
Conc: 1.04 ng/ml



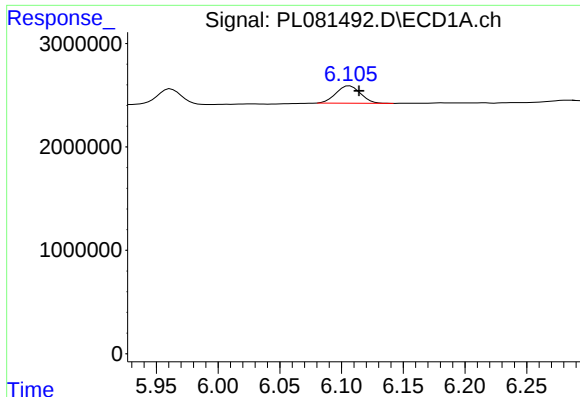
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 2084743
Conc: 1.07 ng/ml



#12 4,4'-DDE

R.T.: 5.105 min
Delta R.T.: -0.010 min
Response: 1725111
Conc: 0.88 ng/ml



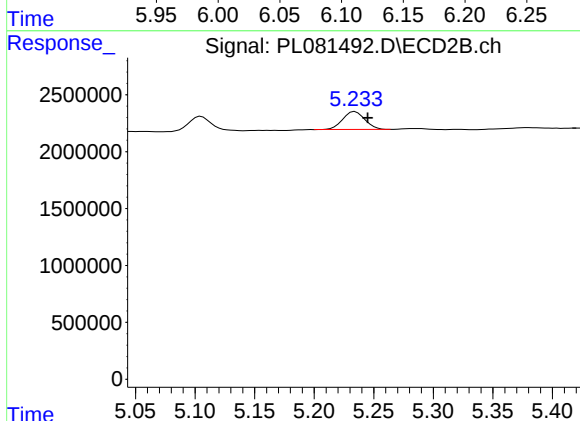
#13 Dieldrin

R.T.: 6.107 min
Delta R.T.: -0.008 min
Response: 2331379
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

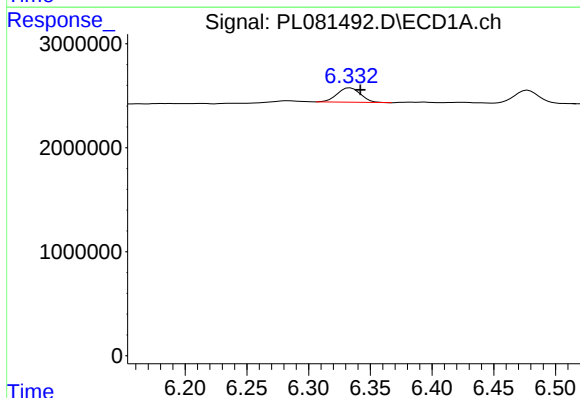
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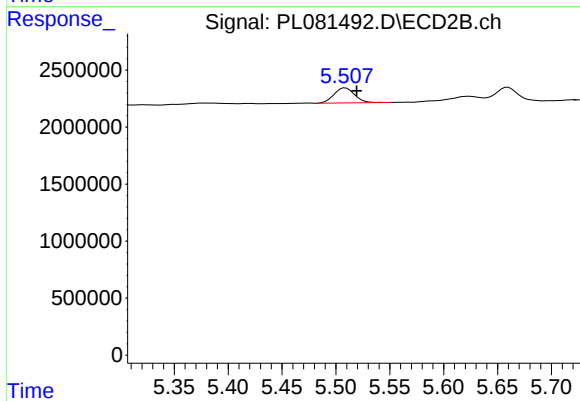
#13 Dieldrin

R.T.: 5.234 min
Delta R.T.: -0.011 min
Response: 2049295
Conc: 0.91 ng/ml



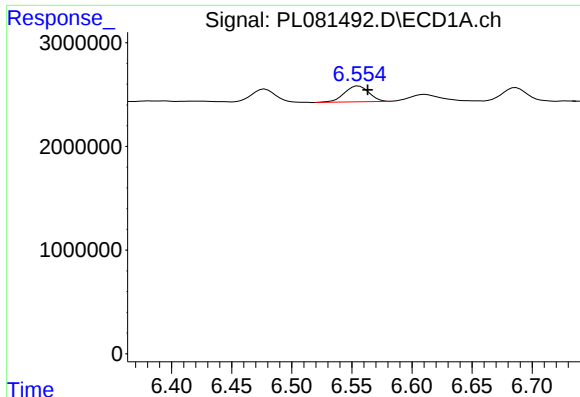
#14 Endrin

R.T.: 6.334 min
Delta R.T.: -0.008 min
Response: 1818160
Conc: 1.00 ng/ml



#14 Endrin

R.T.: 5.509 min
Delta R.T.: -0.010 min
Response: 1746909
Conc: 0.87 ng/ml



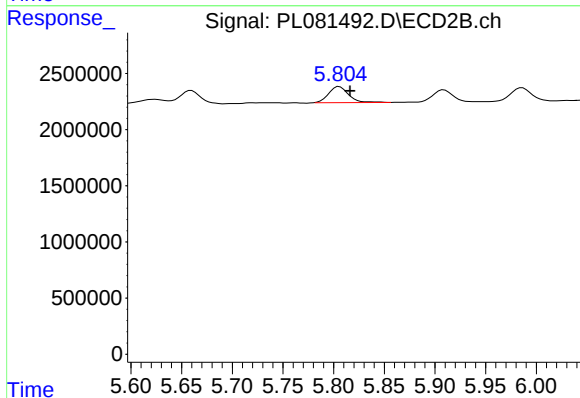
#15 Endosulfan II

R.T.: 6.556 min
Delta R.T.: -0.008 min
Response: 2183442
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

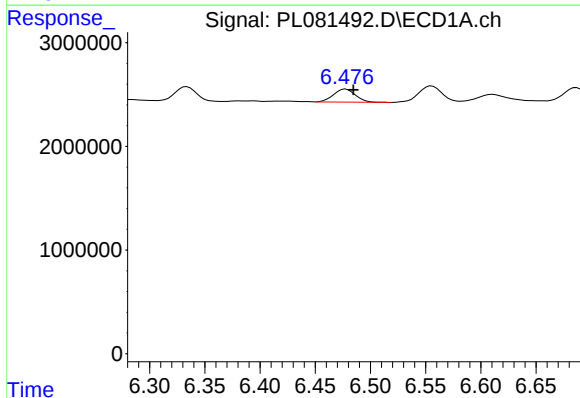
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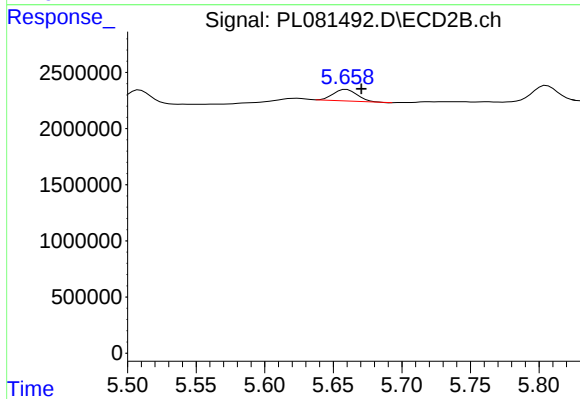
#15 Endosulfan II

R.T.: 5.806 min
Delta R.T.: -0.011 min
Response: 1971438
Conc: 1.07 ng/ml



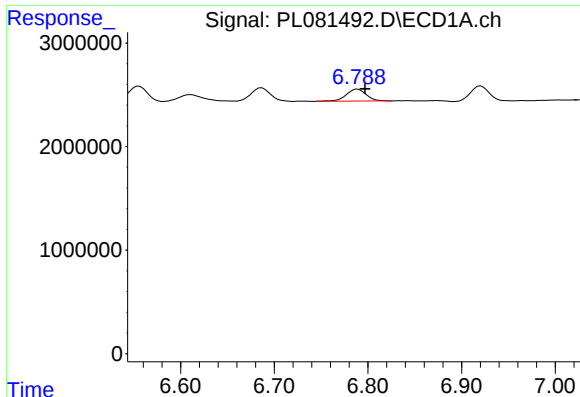
#16 4,4'-DDD

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 1748081
Conc: 1.14 ng/ml



#16 4,4'-DDD

R.T.: 5.660 min
Delta R.T.: -0.011 min
Response: 1256939
Conc: 0.82 ng/ml



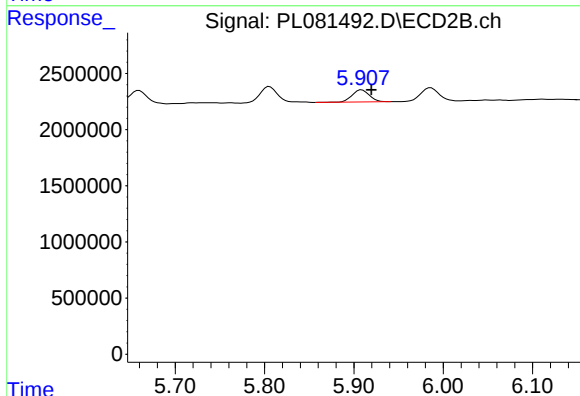
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 1712266
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

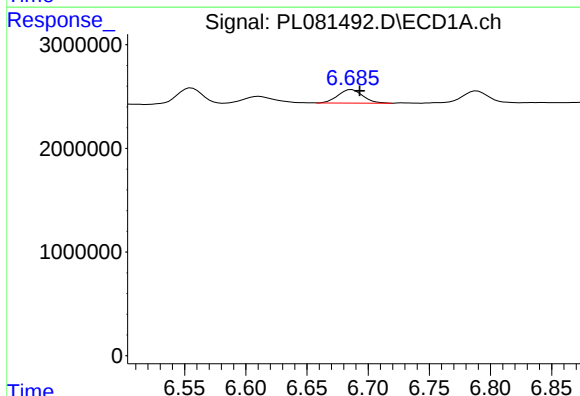
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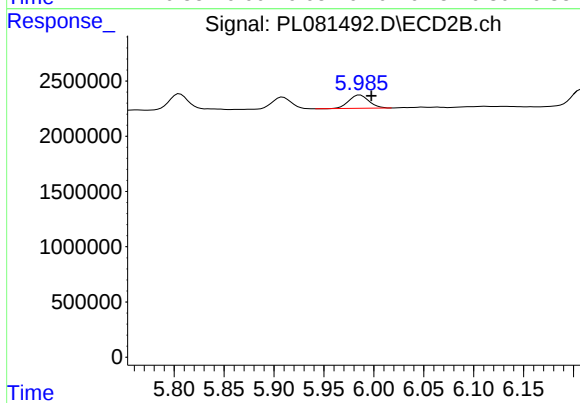
#17 4,4'-DDT

R.T.: 5.909 min
Delta R.T.: -0.011 min
Response: 1463328
Conc: 0.91 ng/ml



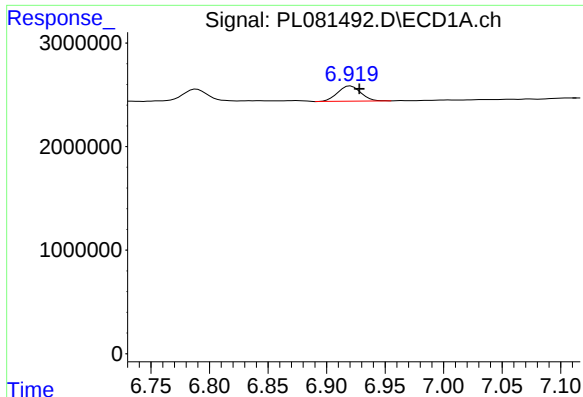
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 1838732
Conc: 1.28 ng/ml m



#18 Endrin aldehyde

R.T.: 5.986 min
Delta R.T.: -0.011 min
Response: 1687030
Conc: 1.11 ng/ml



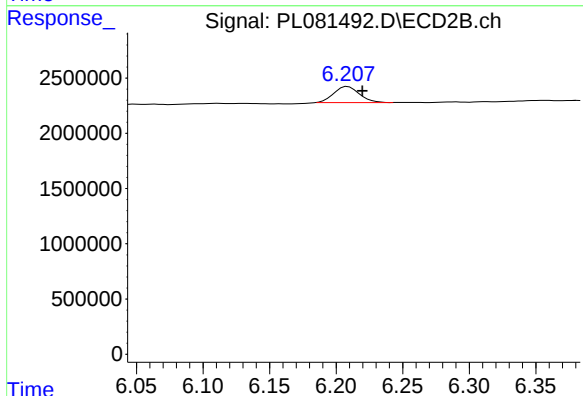
#19 Endosulfan Sulfate

R.T.: 6.920 min
Delta R.T.: -0.008 min
Response: 2018271
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

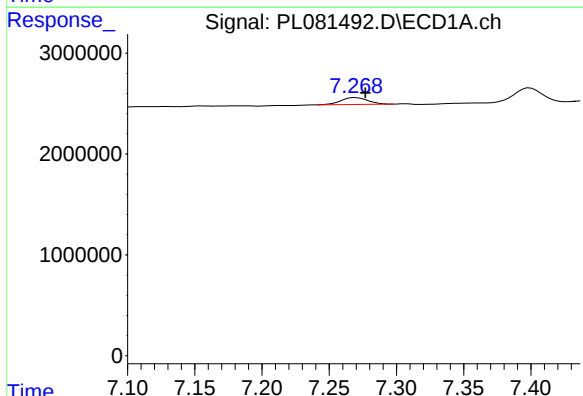
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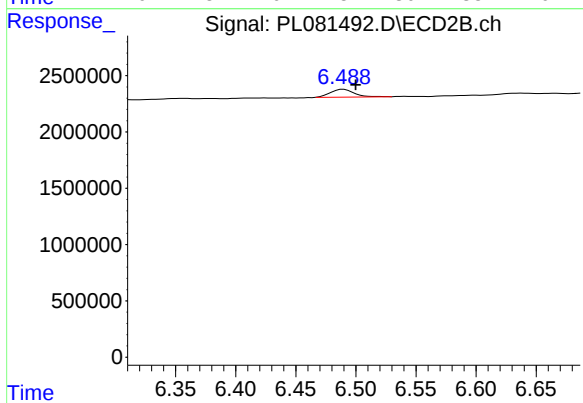
#19 Endosulfan Sulfate

R.T.: 6.209 min
Delta R.T.: -0.011 min
Response: 1955183
Conc: 1.02 ng/ml



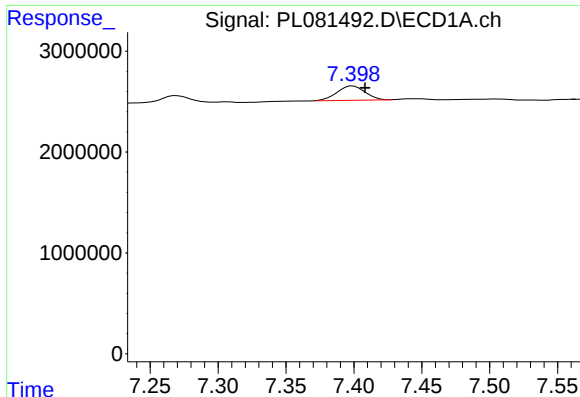
#20 Methoxychlor

R.T.: 7.270 min
Delta R.T.: -0.007 min
Response: 946572
Conc: 1.10 ng/ml



#20 Methoxychlor

R.T.: 6.490 min
Delta R.T.: -0.010 min
Response: 970024
Conc: 1.05 ng/ml



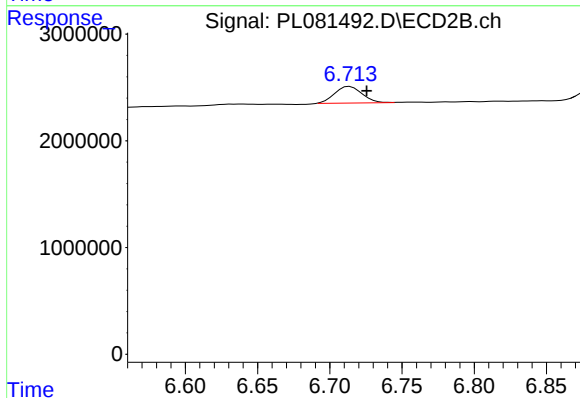
#21 Endrin ketone

R.T.: 7.399 min
Delta R.T.: -0.009 min
Response: 2027793
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

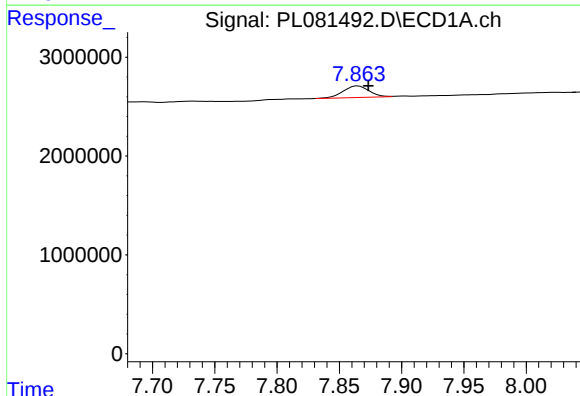
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/17/2023
Supervised By :Ankita Jodhani 03/17/2023



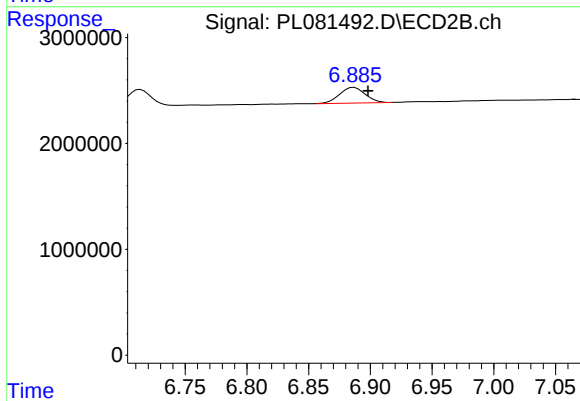
#21 Endrin ketone

R.T.: 6.714 min
Delta R.T.: -0.012 min
Response: 2050961
Conc: 0.95 ng/ml



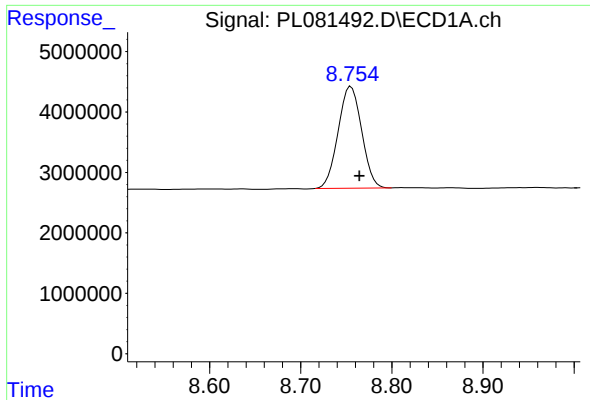
#22 Mirex

R.T.: 7.865 min
Delta R.T.: -0.008 min
Response: 1702840
Conc: 1.17 ng/ml



#22 Mirex

R.T.: 6.887 min
Delta R.T.: -0.011 min
Response: 2125431
Conc: 1.10 ng/ml



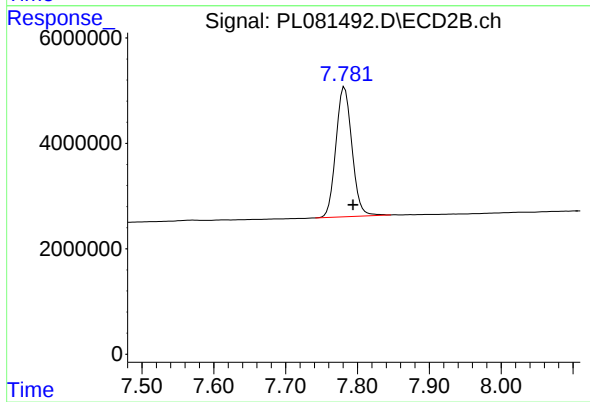
#28 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.009 min
Response: 30173483
Conc: 19.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT1-2023

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#28 Decachlorobiphenyl

R.T.: 7.782 min
Delta R.T.: -0.012 min
Response: 38089972
Conc: 19.88 ng/ml