

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051420\
 Data File : PL058708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2020 11:30
 Operator : AJ\MA
 Sample : L2182-09
 Misc : 1 PPB MDL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-WATER-03-QT2-2020

Manual Integrations
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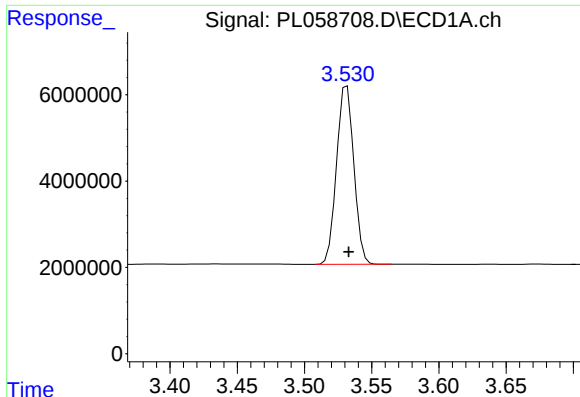
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 23:50:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051220.M
 Quant Title : GC Extractables
 QLast Update : Thu May 14 06:40:09 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.532	4.077	36798698	51431936	22.399	23.760
28)	SA Decachlor...	8.318	9.192	32804364	46208588	25.123	26.147
Target Compounds							
2)	A alpha-BHC	3.974	4.470	2829435	2704634	1.229	0.883 #
3)	MA gamma-BHC...	4.260	4.757	2035756	2998872	0.992	1.023
4)	MA Heptachlor	4.568	5.272	2119748	3281343	1.122	1.171
5)	MB Aldrin	4.819	5.579	1799996	2910866	1.081	1.169
6)	B beta-BHC	4.509	4.926	1044816	1481740	1.179	1.117
7)	B delta-BHC	4.716	5.144	1765486	2864135	0.949	1.009
8)	B Heptachlo...	5.265	5.965	1786340	3023110	1.137	1.259m
9)	A Endosulfan I	5.606	6.326	1686026	2629872	1.164	1.222
10)	B gamma-Chl...	5.492	6.200	1672815	2855978	1.077m	1.216m
11)	B alpha-Chl...	5.553	6.275	1850747	2900021	1.189	1.237
12)	B 4,4'-DDE	5.715	6.429	1323163	2410858	0.949m	1.154
13)	MA Dieldrin	5.851	6.584	1651060	2577208	1.109	1.174
14)	MA Endrin	6.108	6.803	1347468	1987598	1.037	1.096
15)	B Endosulfa...	6.381	7.011	1646984	3473062	1.194	1.739 #
16)	A 4,4'-DDD	6.233	6.920	1208555	1899160	1.025	1.085
17)	MA 4,4'-DDT	6.476	7.220	1110634	1908474	0.910	1.128
18)	B Endrin al...	6.550	7.135	1217196	2075838	1.037	1.216
19)	B Endosulfa...	6.763	7.359	1518681	2300609	1.146	1.229
20)	A Methoxychlor	7.023	7.677	674626	1098564	1.039	1.119
21)	B Endrin ke...	7.256	7.831	1758428	2383296	1.186	1.183m
22)	Mirex	7.452	8.291	1941968	2266323	1.588	1.442

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



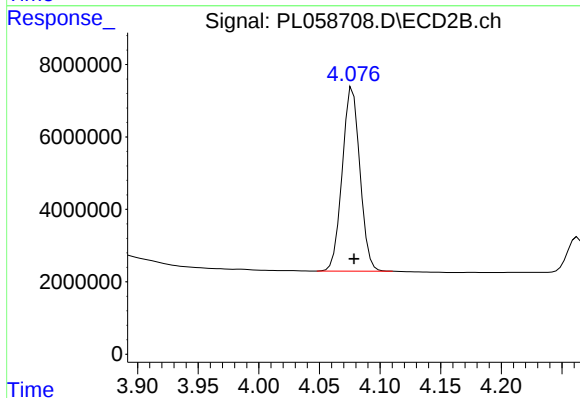
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.001 min
Response: 36798698
Conc: 22.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

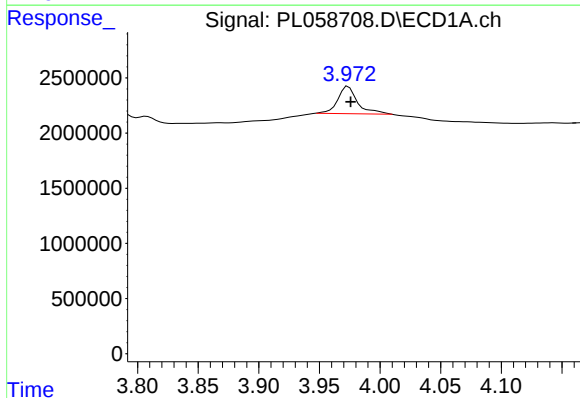
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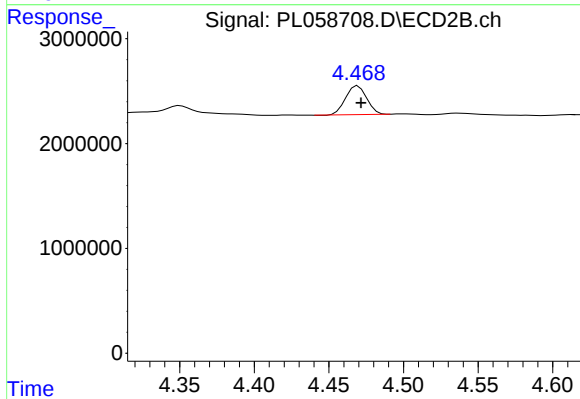
#1 Tetrachloro-m-xylene

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 51431936
Conc: 23.76 ng/ml



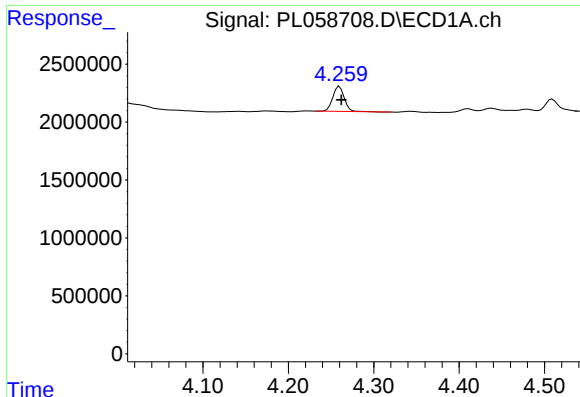
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 2829435
Conc: 1.23 ng/ml



#2 alpha-BHC

R.T.: 4.470 min
Delta R.T.: -0.002 min
Response: 2704634
Conc: 0.88 ng/ml



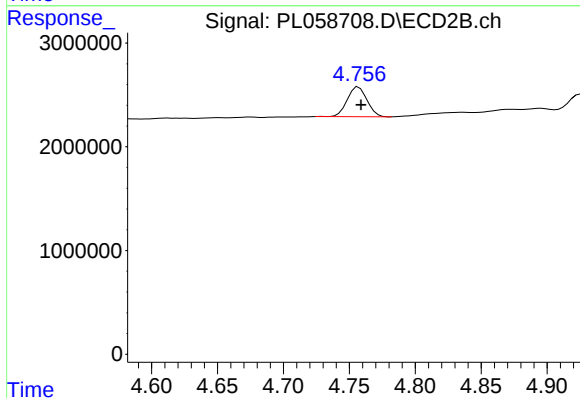
#3 gamma-BHC (Lindane)

R.T.: 4.260 min
Delta R.T.: -0.002 min
Response: 2035756
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

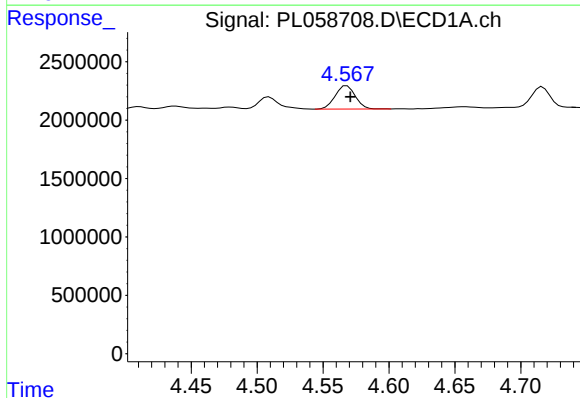
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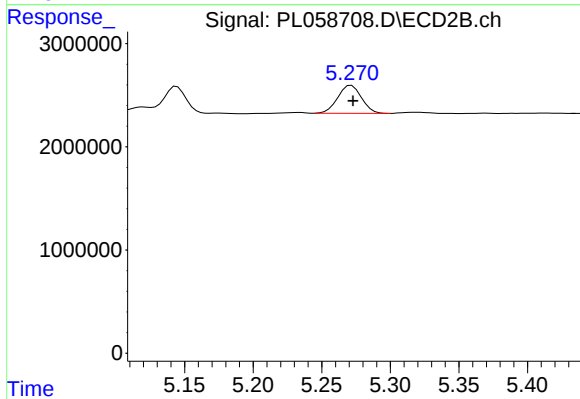
#3 gamma-BHC (Lindane)

R.T.: 4.757 min
Delta R.T.: -0.002 min
Response: 2998872
Conc: 1.02 ng/ml



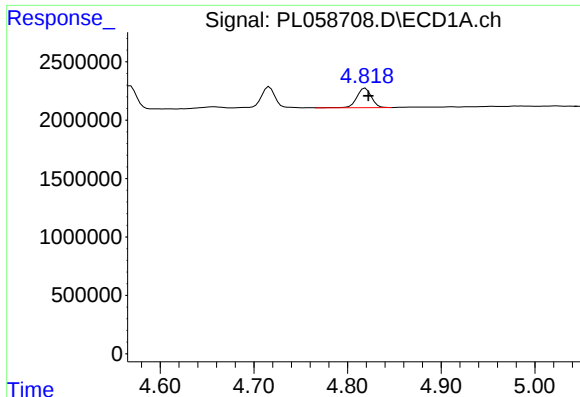
#4 Heptachlor

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 2119748
Conc: 1.12 ng/ml



#4 Heptachlor

R.T.: 5.272 min
Delta R.T.: -0.001 min
Response: 3281343
Conc: 1.17 ng/ml



#5 Aldrin

R.T.: 4.819 min

Delta R.T.: -0.003 min

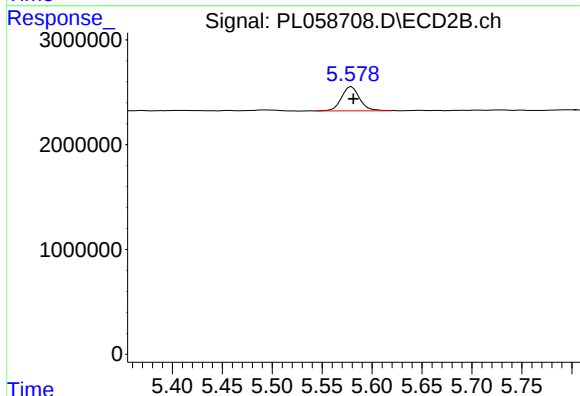
Response: 1799996

Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

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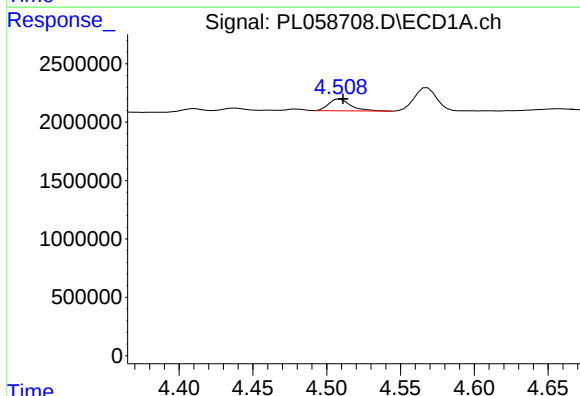
#5 Aldrin

R.T.: 5.579 min

Delta R.T.: -0.002 min

Response: 2910866

Conc: 1.17 ng/ml



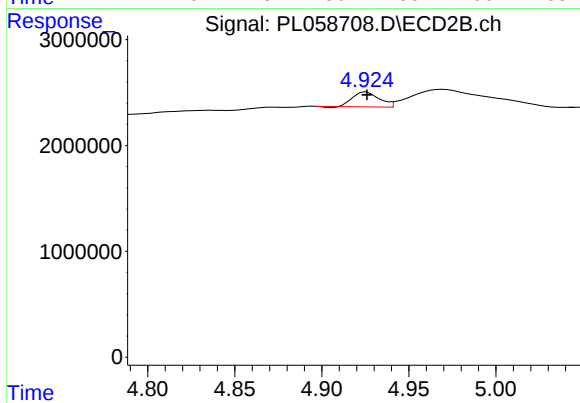
#6 beta-BHC

R.T.: 4.509 min

Delta R.T.: -0.002 min

Response: 1044816

Conc: 1.18 ng/ml



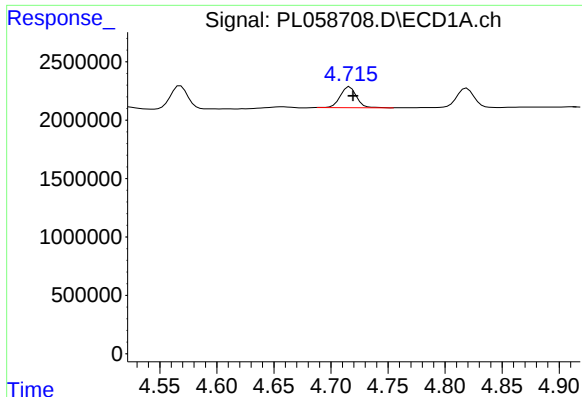
#6 beta-BHC

R.T.: 4.926 min

Delta R.T.: 0.000 min

Response: 1481740

Conc: 1.12 ng/ml



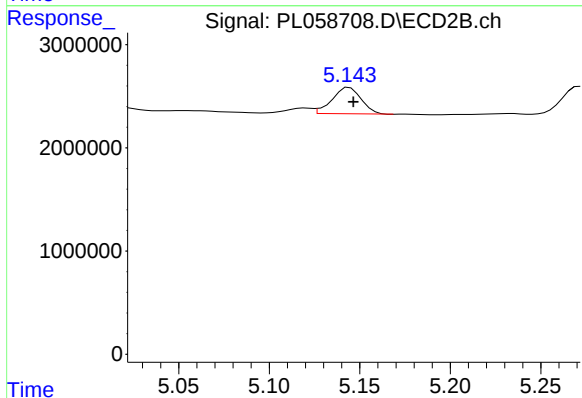
#7 delta-BHC

R.T.: 4.716 min
Delta R.T.: -0.003 min
Response: 1765486
Conc: 0.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

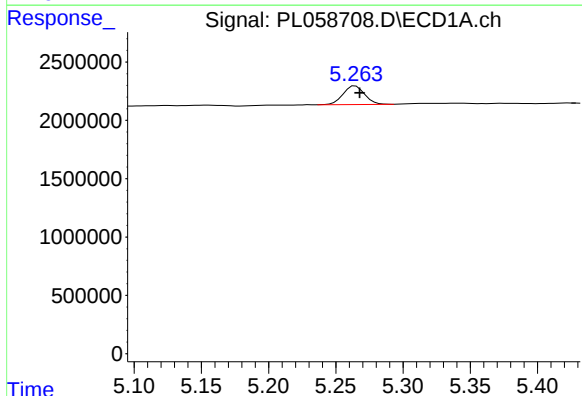
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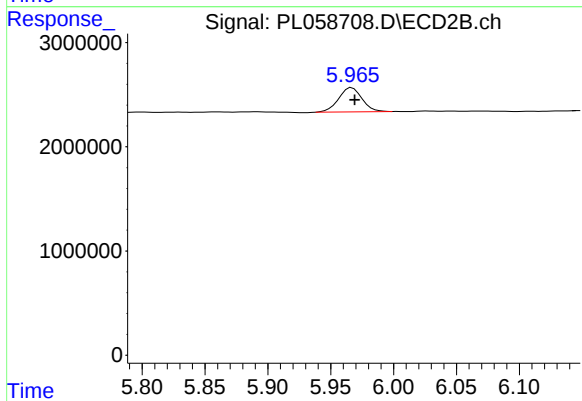
#7 delta-BHC

R.T.: 5.144 min
Delta R.T.: -0.002 min
Response: 2864135
Conc: 1.01 ng/ml



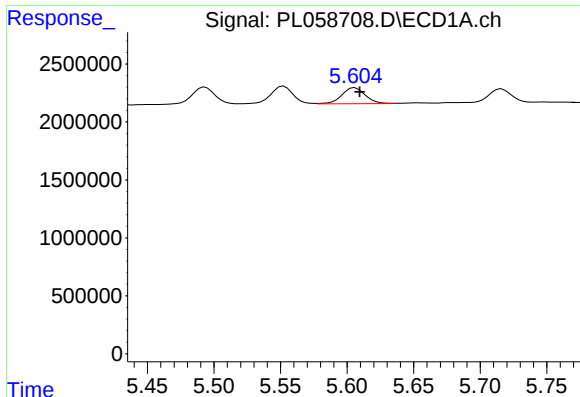
#8 Heptachlor epoxide

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 1786340
Conc: 1.14 ng/ml



#8 Heptachlor epoxide

R.T.: 5.965 min
Delta R.T.: -0.004 min
Response: 3023110
Conc: 1.26 ng/ml m



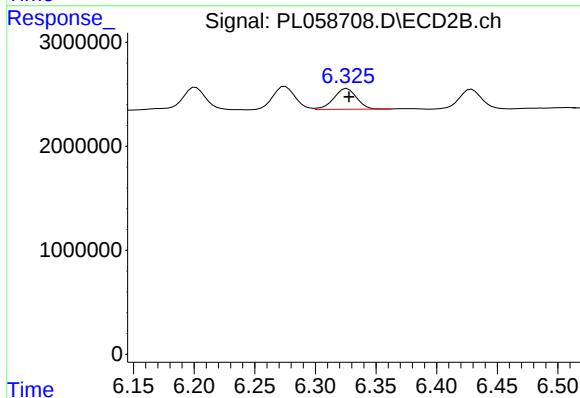
#9 Endosulfan I

R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 1686026
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

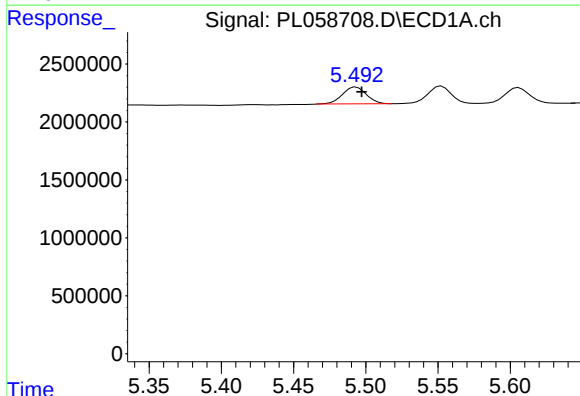
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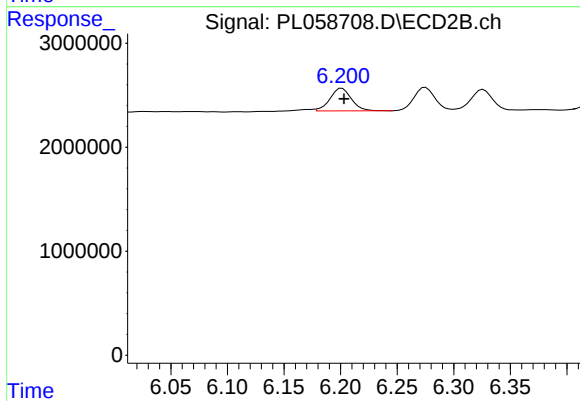
#9 Endosulfan I

R.T.: 6.326 min
Delta R.T.: -0.002 min
Response: 2629872
Conc: 1.22 ng/ml



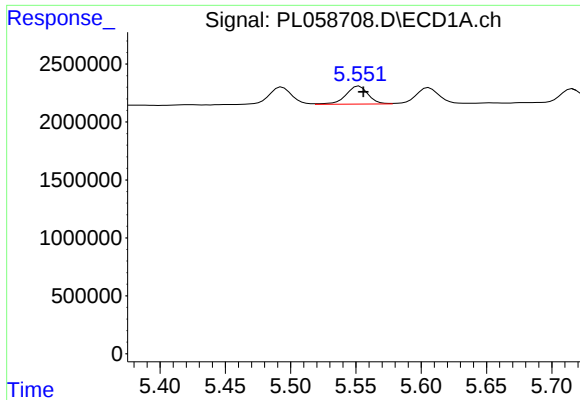
#10 gamma-Chlordane

R.T.: 5.492 min
Delta R.T.: -0.005 min
Response: 1672815
Conc: 1.08 ng/ml m



#10 gamma-Chlordane

R.T.: 6.200 min
Delta R.T.: -0.003 min
Response: 2855978
Conc: 1.22 ng/ml m



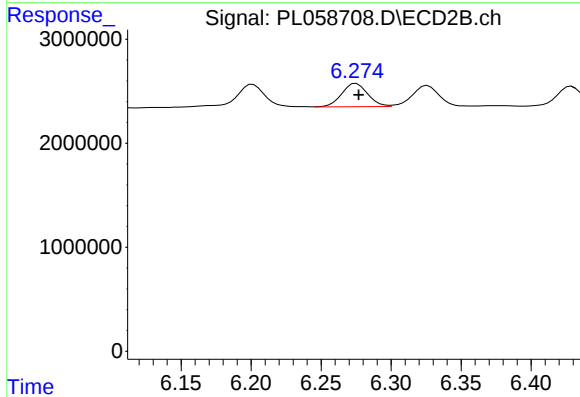
#11 alpha-Chlordane

R.T.: 5.553 min
Delta R.T.: -0.003 min
Response: 1850747
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

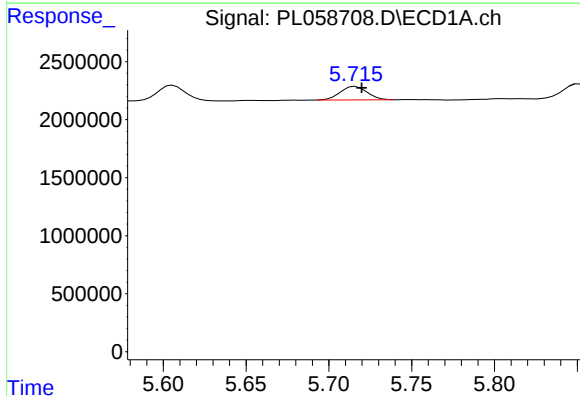
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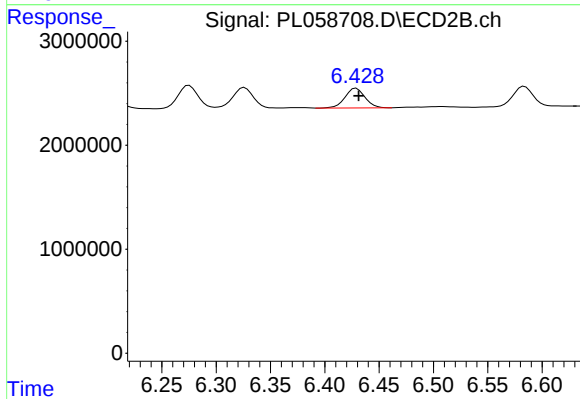
#11 alpha-Chlordane

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 2900021
Conc: 1.24 ng/ml



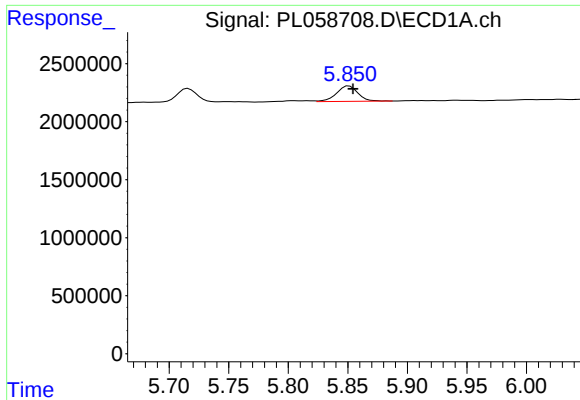
#12 4,4'-DDE

R.T.: 5.715 min
Delta R.T.: -0.005 min
Response: 1323163
Conc: 0.95 ng/ml m



#12 4,4'-DDE

R.T.: 6.429 min
Delta R.T.: -0.002 min
Response: 2410858
Conc: 1.15 ng/ml



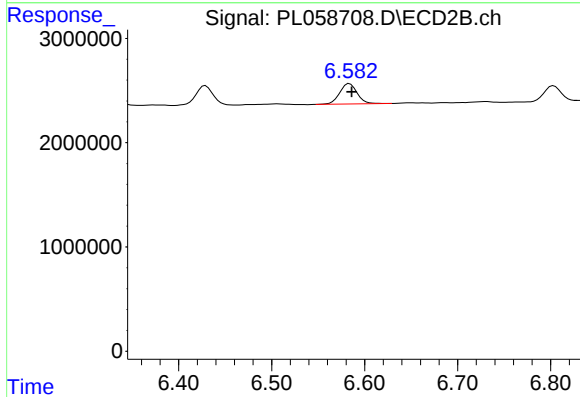
#13 Dieldrin

R.T.: 5.851 min
Delta R.T.: -0.003 min
Response: 1651060
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

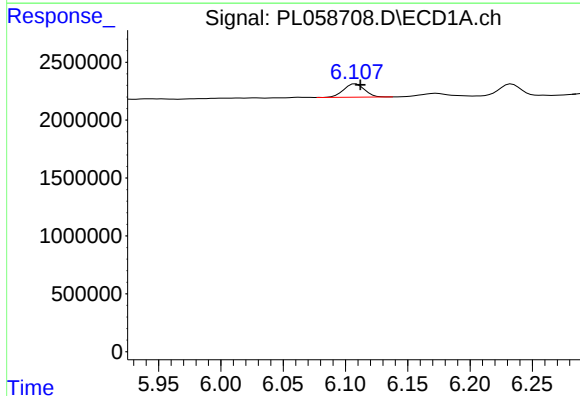
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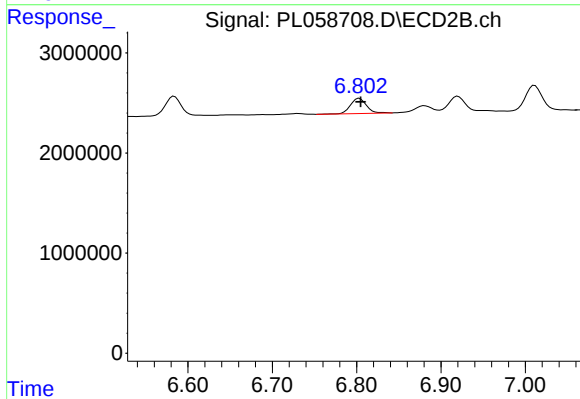
#13 Dieldrin

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 2577208
Conc: 1.17 ng/ml



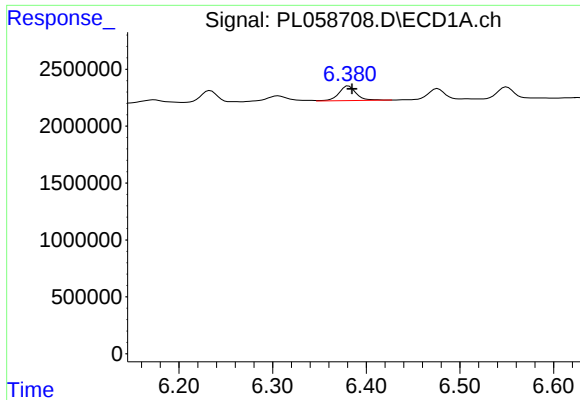
#14 Endrin

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 1347468
Conc: 1.04 ng/ml



#14 Endrin

R.T.: 6.803 min
Delta R.T.: -0.001 min
Response: 1987598
Conc: 1.10 ng/ml



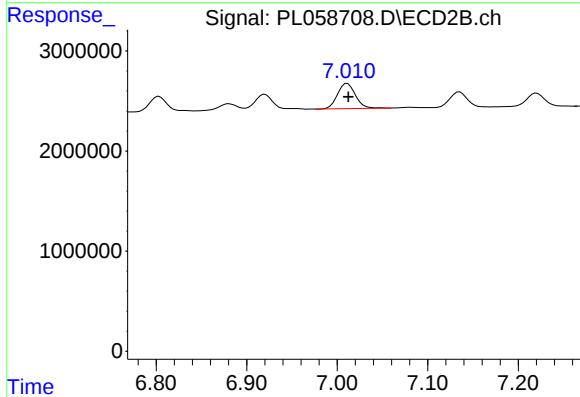
#15 Endosulfan II

R.T.: 6.381 min
Delta R.T.: -0.004 min
Response: 1646984
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

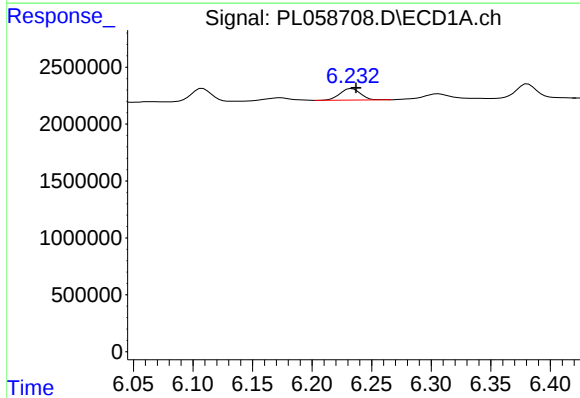
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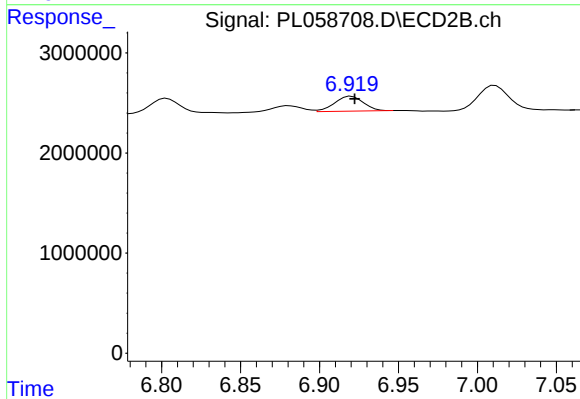
#15 Endosulfan II

R.T.: 7.011 min
Delta R.T.: -0.001 min
Response: 3473062
Conc: 1.74 ng/ml



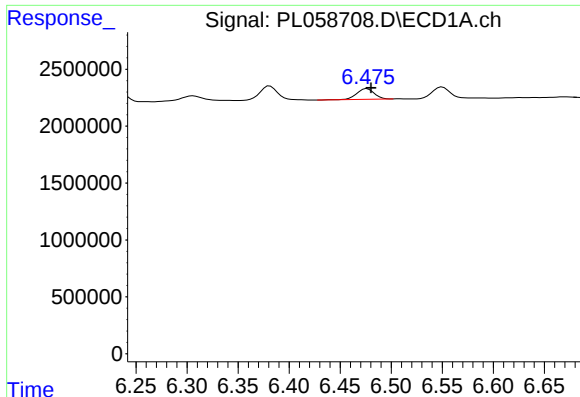
#16 4,4'-DDD

R.T.: 6.233 min
Delta R.T.: -0.003 min
Response: 1208555
Conc: 1.02 ng/ml



#16 4,4'-DDD

R.T.: 6.920 min
Delta R.T.: -0.002 min
Response: 1899160
Conc: 1.09 ng/ml



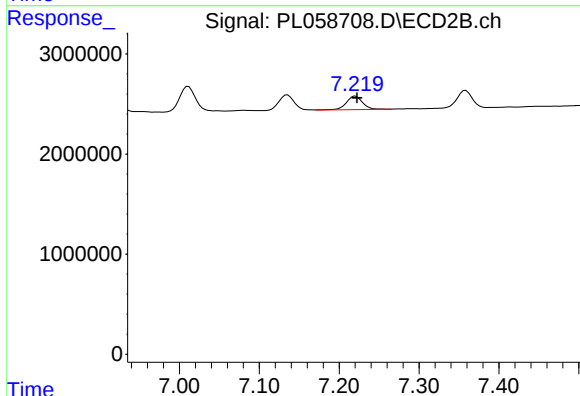
#17 4,4'-DDT

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 1110634
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

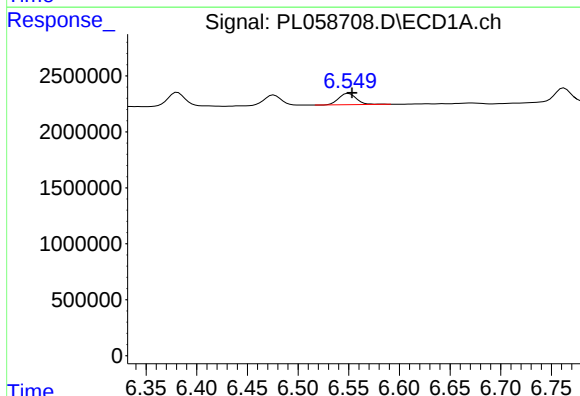
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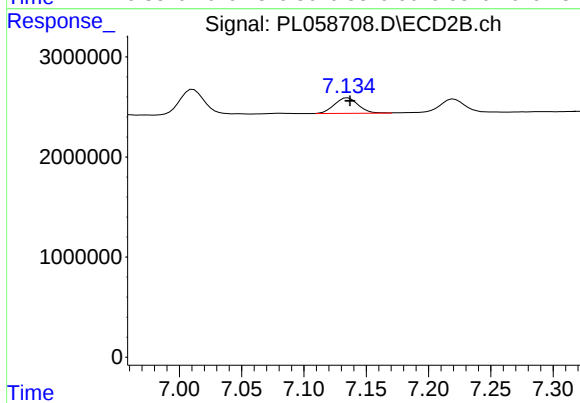
#17 4,4'-DDT

R.T.: 7.220 min
Delta R.T.: -0.002 min
Response: 1908474
Conc: 1.13 ng/ml



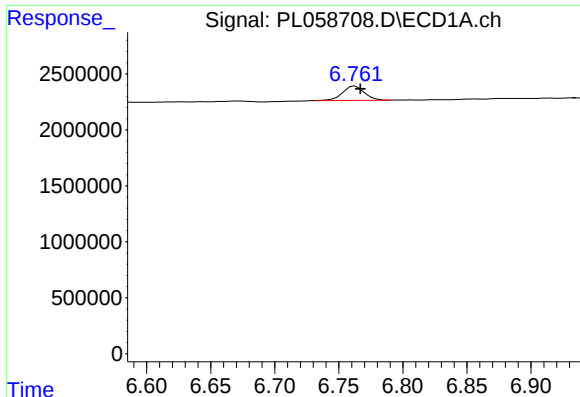
#18 Endrin aldehyde

R.T.: 6.550 min
Delta R.T.: -0.003 min
Response: 1217196
Conc: 1.04 ng/ml



#18 Endrin aldehyde

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 2075838
Conc: 1.22 ng/ml



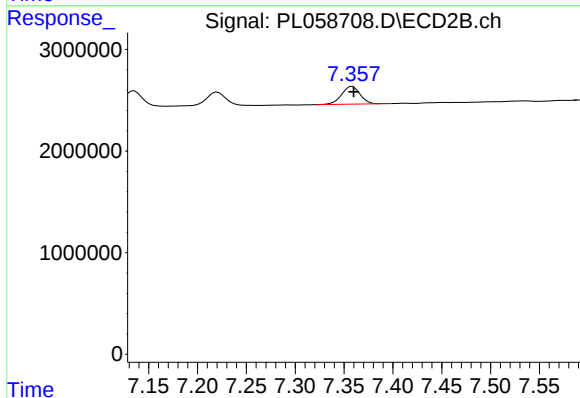
#19 Endosulfan Sulfate

R.T.: 6.763 min
Delta R.T.: -0.004 min
Response: 1518681
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

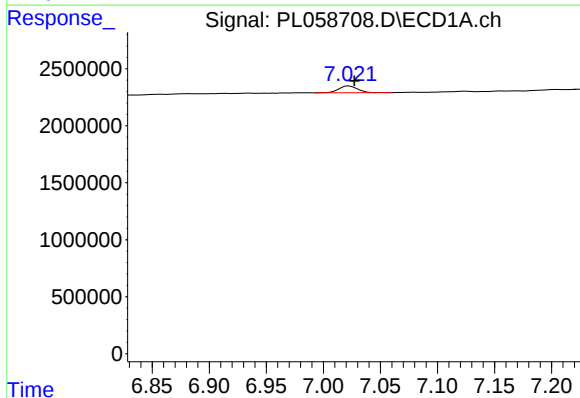
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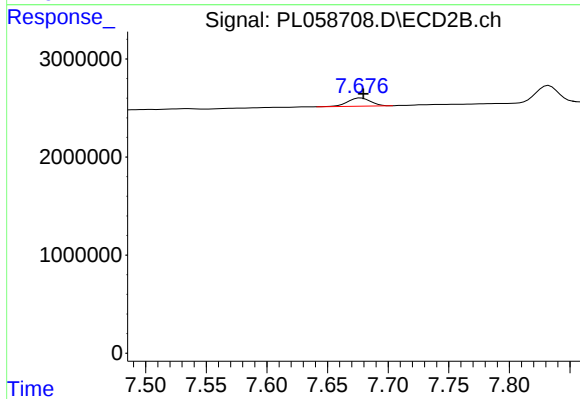
#19 Endosulfan Sulfate

R.T.: 7.359 min
Delta R.T.: -0.002 min
Response: 2300609
Conc: 1.23 ng/ml



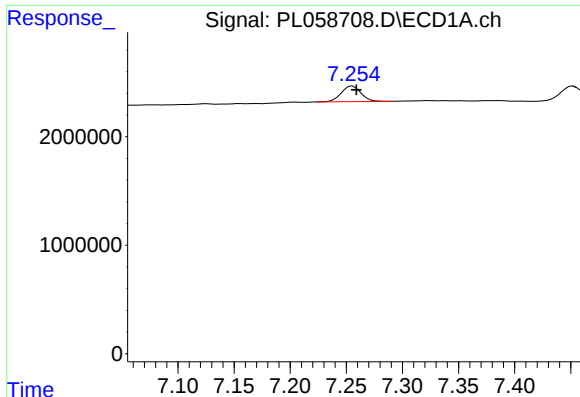
#20 Methoxychlor

R.T.: 7.023 min
Delta R.T.: -0.004 min
Response: 674626
Conc: 1.04 ng/ml



#20 Methoxychlor

R.T.: 7.677 min
Delta R.T.: -0.002 min
Response: 1098564
Conc: 1.12 ng/ml



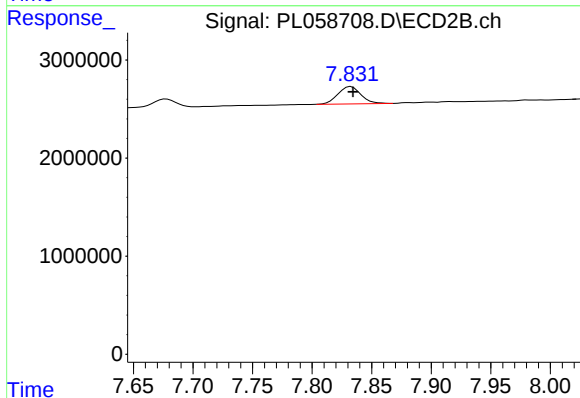
#21 Endrin ketone

R.T.: 7.256 min
Delta R.T.: -0.003 min
Response: 1758428
Conc: 1.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

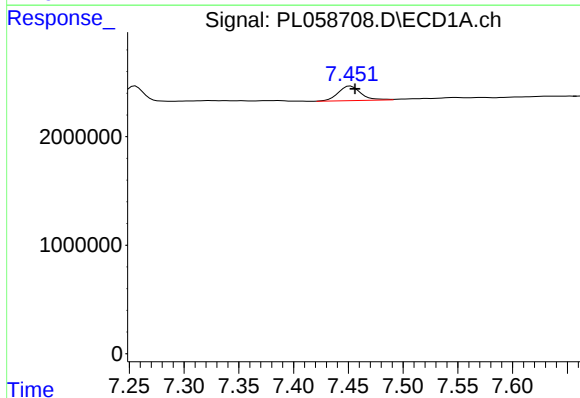
Manual Integrations
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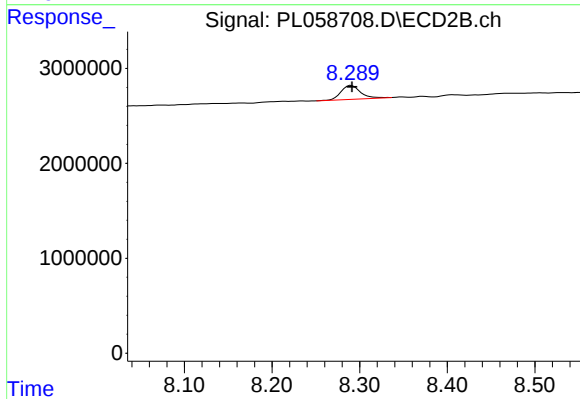
#21 Endrin ketone

R.T.: 7.831 min
Delta R.T.: -0.003 min
Response: 2383296
Conc: 1.18 ng/ml m



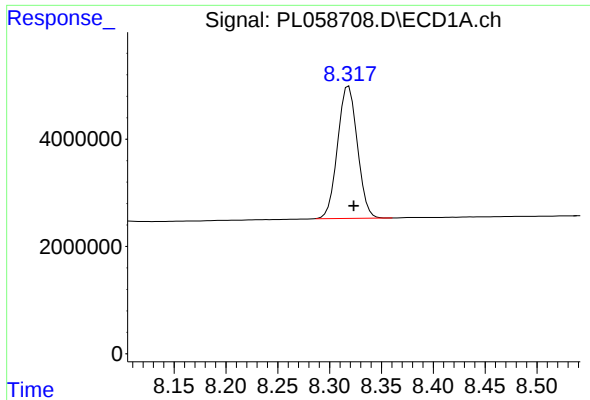
#22 Mirex

R.T.: 7.452 min
Delta R.T.: -0.004 min
Response: 1941968
Conc: 1.59 ng/ml



#22 Mirex

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 2266323
Conc: 1.44 ng/ml



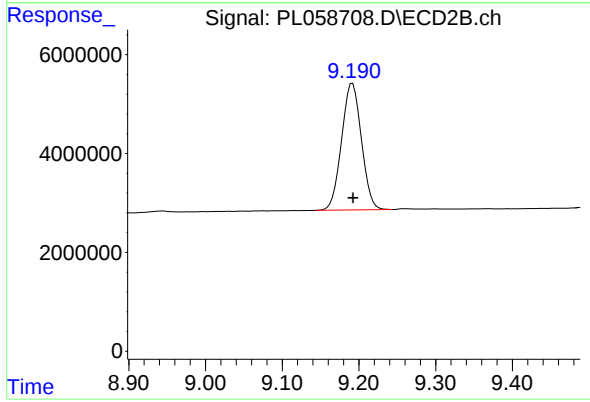
#28 Decachlorobiphenyl

R.T.: 8.318 min
Delta R.T.: -0.005 min
Response: 32804364
Conc: 25.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-WATER-03-QT2-2020

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#28 Decachlorobiphenyl

R.T.: 9.192 min
Delta R.T.: 0.000 min
Response: 46208588
Conc: 26.15 ng/ml