

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052820\  
 Data File : PD058190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 May 2020 15:01  
 Operator : AJ\MA  
 Sample : L2182-07  
 Misc : 2.5 PPB LOD  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2020

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 29 00:45:08 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 21 13:46:14 2020  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.210  | 3.867  | 16341368 | 22620077 | 20.909 | 19.861   |
| 28)                         | SA Decachlor... | 7.851  | 8.852  | 16947729 | 20731750 | 21.196 | 19.998   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.632  | 4.248  | 2790075  | 3870418  | 2.301  | 2.273    |
| 3)                          | MA gamma-BHC... | 3.903  | 4.528  | 3634073  | 3774555  | 3.098  | 2.280 #  |
| 4)                          | MA Heptachlor   | 4.183  | 5.027  | 2576118  | 3690494  | 2.407  | 2.370    |
| 5)                          | MB Aldrin       | 4.418  | 5.327  | 2751121  | 3560668  | 2.622  | 2.434    |
| 6)                          | B beta-BHC      | 4.153  | 4.699  | 1319486  | 1342304  | 2.729  | 2.002 #  |
| 7)                          | B delta-BHC     | 4.344  | 4.910  | 2791100  | 3324742  | 2.445  | 2.265    |
| 8)                          | B Heptachlo...  | 4.851  | 5.710  | 2537143  | 3833435  | 2.599  | 2.758    |
| 9)                          | A Endosulfan I  | 5.178  | 6.062  | 2629172  | 3229073  | 2.881  | 2.558    |
| 10)                         | B gamma-Chl...  | 5.071  | 5.942  | 2734294  | 3541035  | 2.754  | 2.539    |
| 11)                         | B alpha-Chl...  | 5.128  | 6.013  | 2759861  | 3456047  | 2.790  | 2.490    |
| 12)                         | B 4,4'-DDE      | 5.297  | 6.173  | 2579306  | 3087132  | 2.769  | 2.417    |
| 13)                         | MA Dieldrin     | 5.416  | 6.316  | 2465986  | 3146089  | 2.513  | 2.363    |
| 14)                         | MA Endrin       | 5.667  | 6.532  | 1894596  | 2489430  | 2.368  | 2.357    |
| 15)                         | B Endosulfa...  | 5.940  | 6.741  | 2085942  | 3114663  | 2.404  | 2.591    |
| 16)                         | A 4,4'-DDD      | 5.805  | 6.660  | 2041676  | 2779012  | 2.533  | 2.509    |
| 17)                         | MA 4,4'-DDT     | 6.038  | 6.956  | 1335787  | 1989418  | 1.936  | 1.998    |
| 18)                         | B Endrin al...  | 6.109  | 6.865  | 1587551  | 2640336  | 2.171  | 2.552    |
| 19)                         | B Endosulfa...  | 6.319  | 7.087  | 1909854  | 2772302  | 2.341  | 2.470    |
| 20)                         | A Methoxychlor  | 6.587  | 0.000  | 788115   | 0        | 1.997  | N.D. #   |
| 21)                         | B Endrin ke...  | 6.800  | 7.551  | 3336083  | 3387711  | 3.080  | 2.573    |
| 22)                         | Mirex           | 6.970  | 8.002  | 1418717  | 2581563  | 2.015  | 2.716 #  |
| 24)                         | Chlordane-2     | 4.504f | 5.327f | 205219   | 3560668  | 6.419  | 74.048 # |
| 25)                         | Chlordane-3     | 5.071  | 5.942  | 2734294  | 3541035  | 30.507 | 20.593 # |
| 26)                         | Chlordane-4     | 5.128  | 6.013  | 2759861  | 3456047  | 32.302 | 16.585 # |
| 27)                         | Chlordane-5     | 5.940  | 0.000  | 2085942  | 0        | 77.226 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

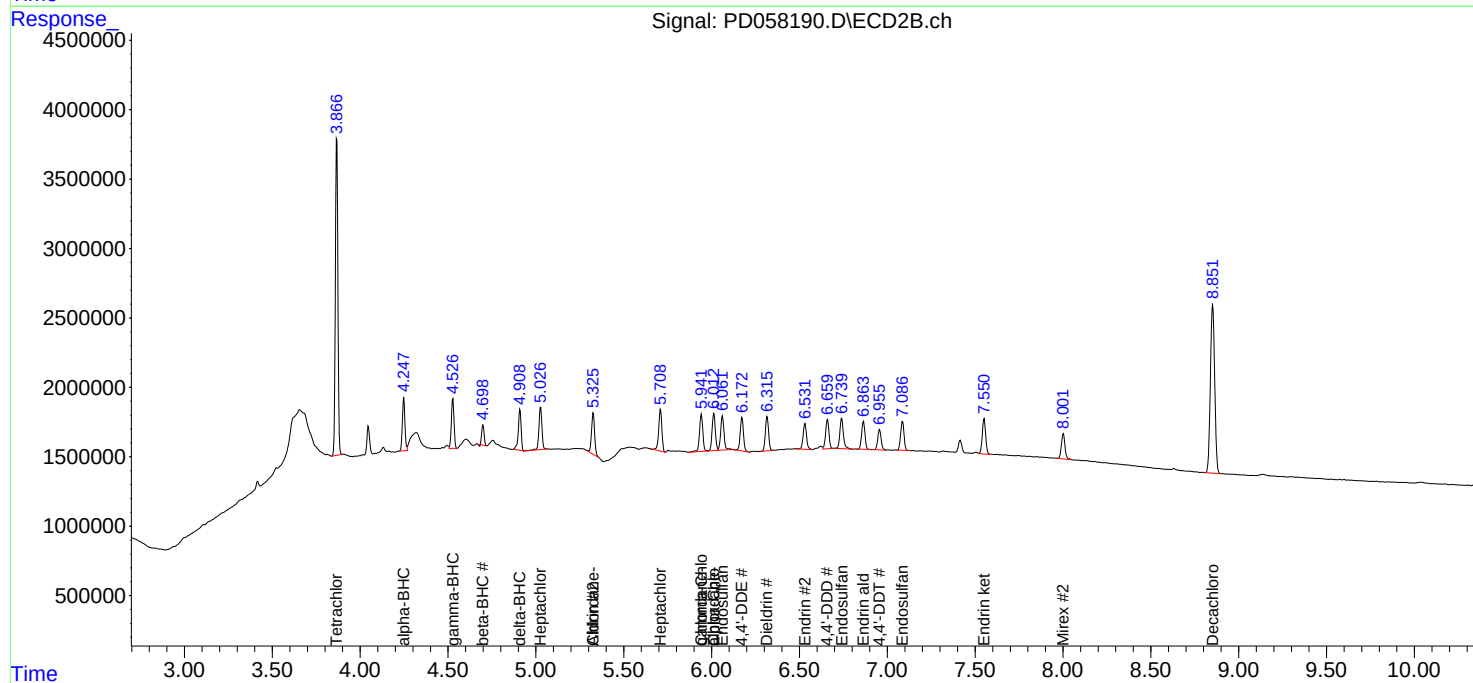
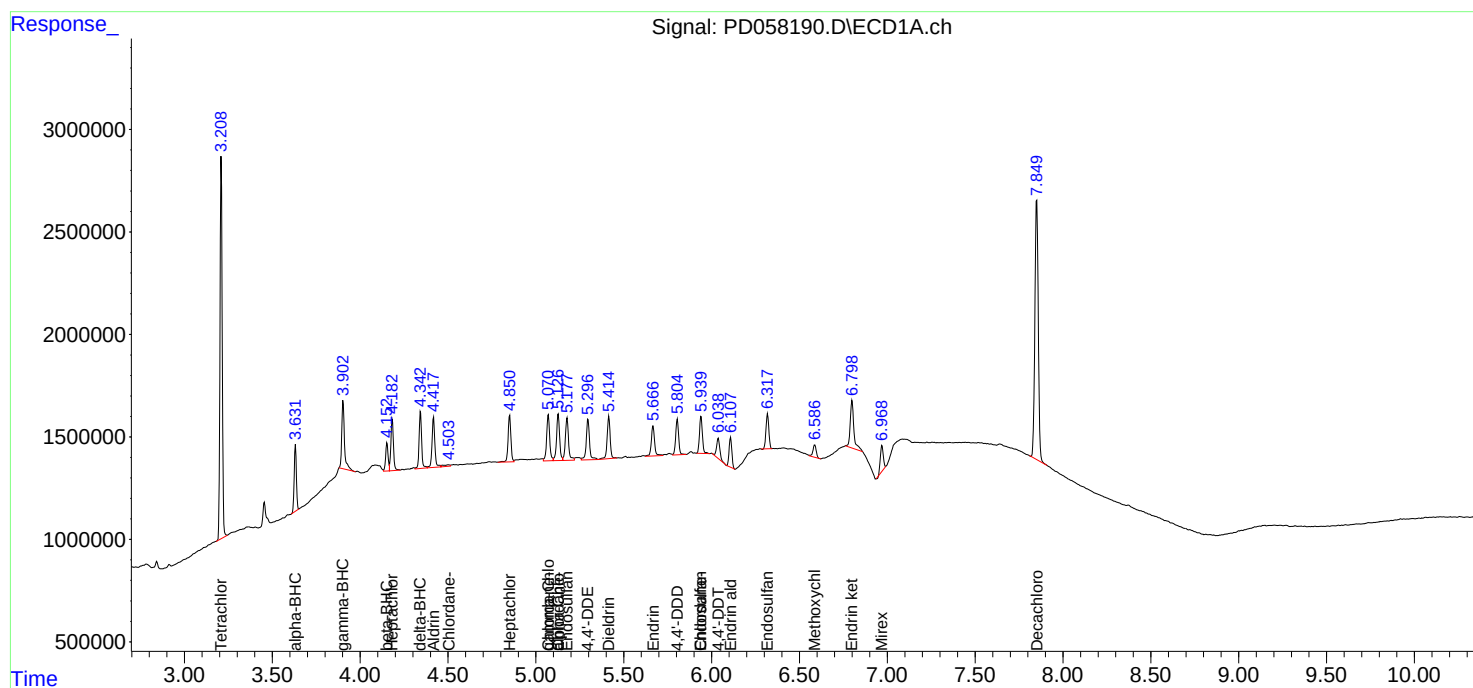
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

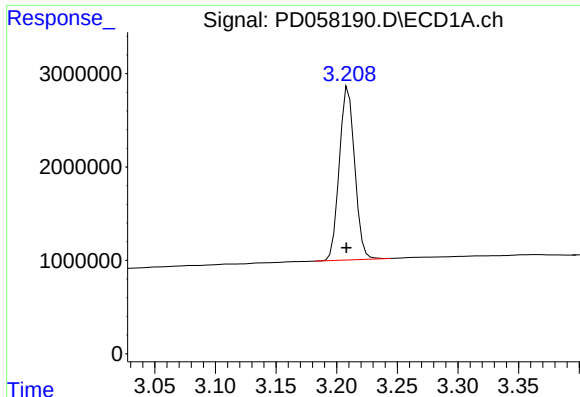
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052820\  
Data File : PD058190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 May 2020 15:01  
Operator : AJ\MA  
Sample : L2182-07  
Misc : 2.5 PPB LOD  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 29 00:45:08 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD052120.M  
Quant Title : GC Extractables  
QLast Update : Thu May 21 13:46:14 2020  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

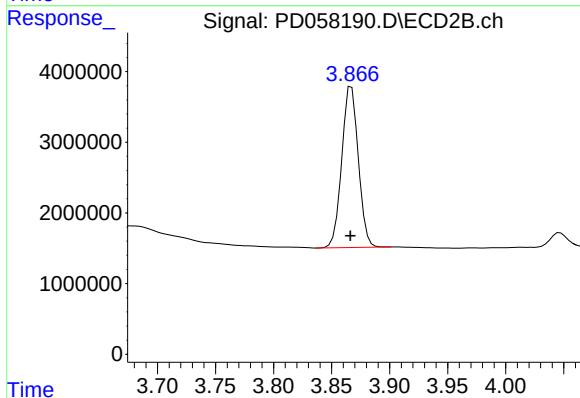




#1 Tetrachloro-m-xylene

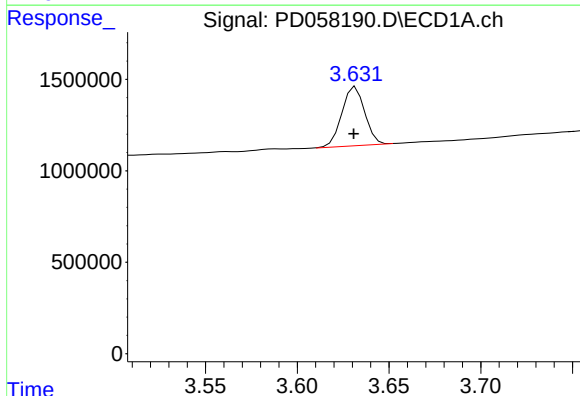
R.T.: 3.210 min  
Delta R.T.: 0.002 min  
Response: 16341368  
Conc: 20.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



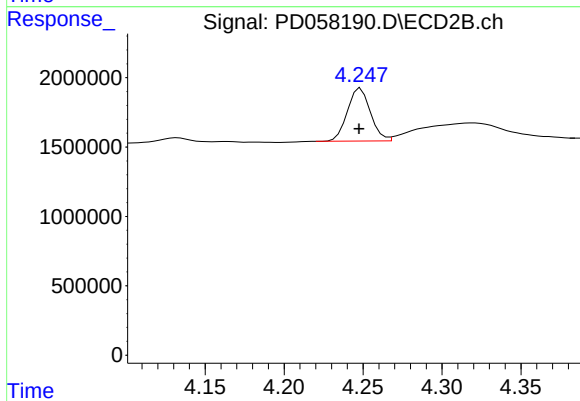
#1 Tetrachloro-m-xylene

R.T.: 3.867 min  
Delta R.T.: 0.000 min  
Response: 22620077  
Conc: 19.86 ng/ml



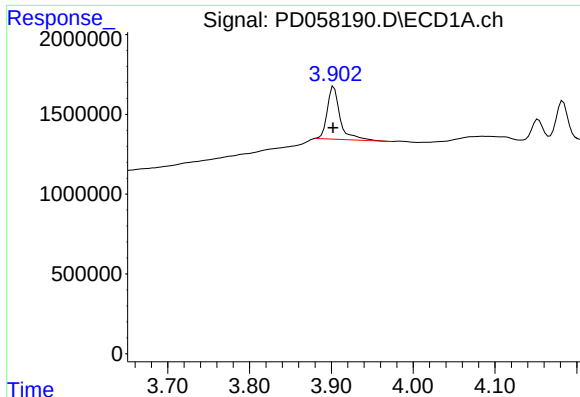
#2 alpha-BHC

R.T.: 3.632 min  
Delta R.T.: 0.001 min  
Response: 2790075  
Conc: 2.30 ng/ml



#2 alpha-BHC

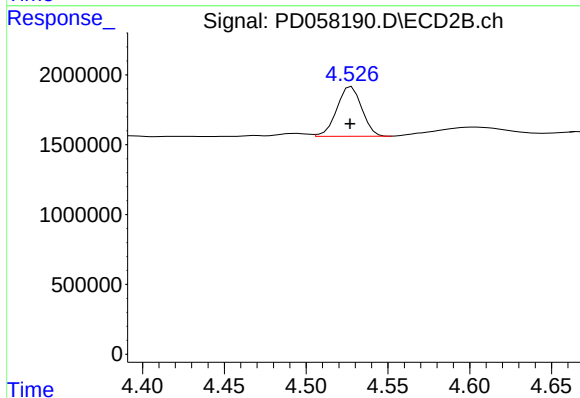
R.T.: 4.248 min  
Delta R.T.: 0.001 min  
Response: 3870418  
Conc: 2.27 ng/ml



#3 gamma-BHC (Lindane)

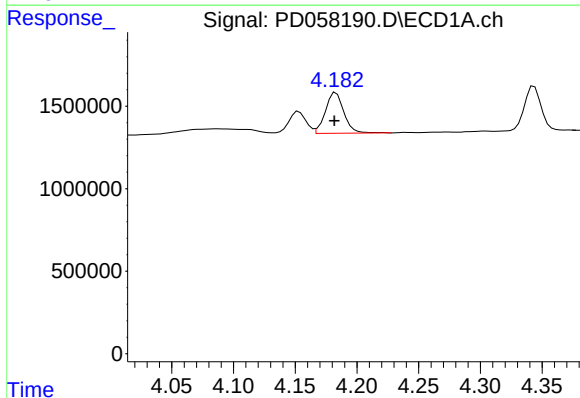
R.T.: 3.903 min  
Delta R.T.: 0.001 min  
Response: 3634073  
Conc: 3.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



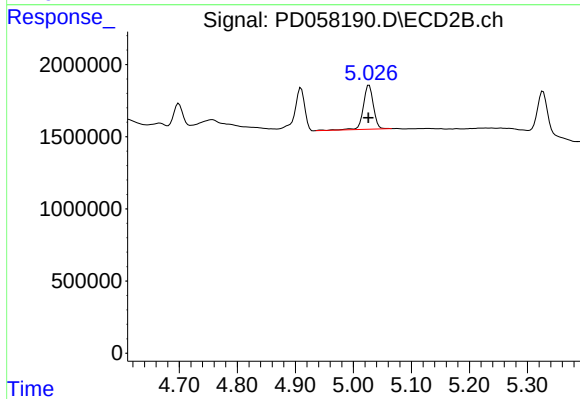
#3 gamma-BHC (Lindane)

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 3774555  
Conc: 2.28 ng/ml



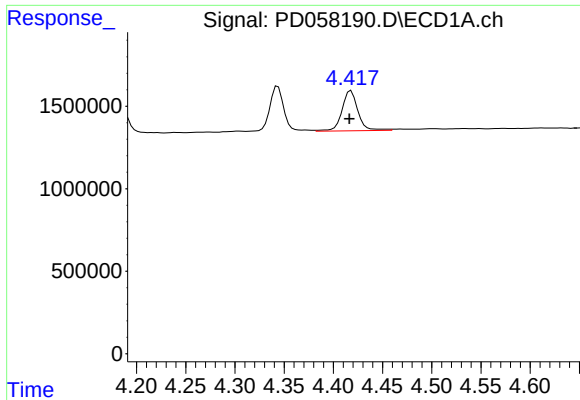
#4 Heptachlor

R.T.: 4.183 min  
Delta R.T.: 0.001 min  
Response: 2576118  
Conc: 2.41 ng/ml



#4 Heptachlor

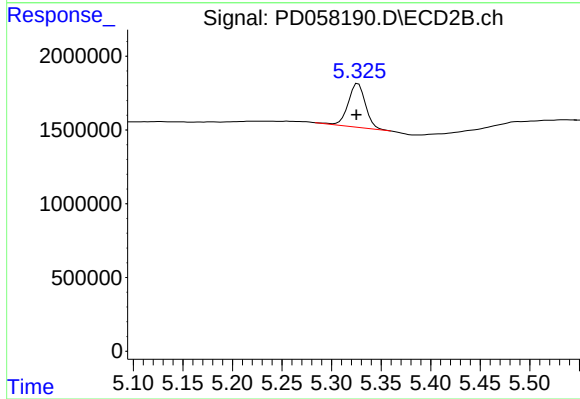
R.T.: 5.027 min  
Delta R.T.: 0.002 min  
Response: 3690494  
Conc: 2.37 ng/ml



#5 Aldrin

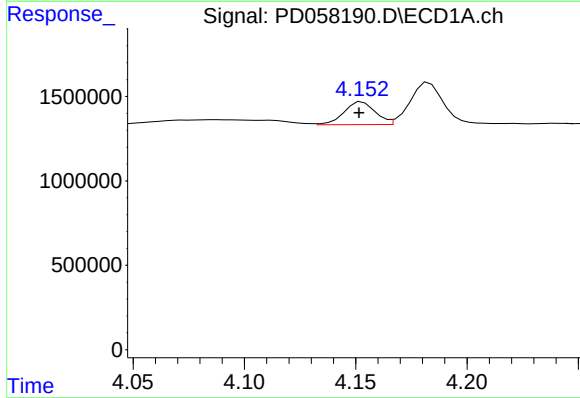
R.T.: 4.418 min  
Delta R.T.: 0.001 min  
Response: 2751121  
Conc: 2.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



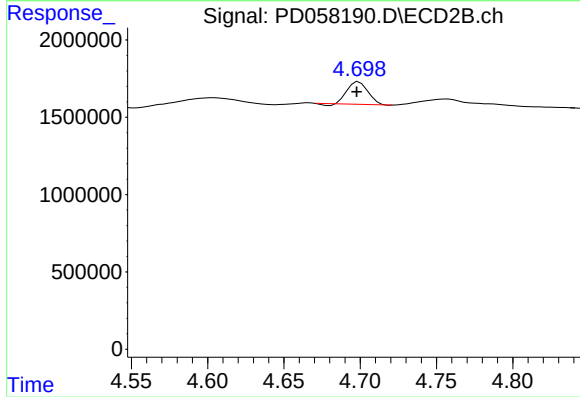
#5 Aldrin

R.T.: 5.327 min  
Delta R.T.: 0.002 min  
Response: 3560668  
Conc: 2.43 ng/ml



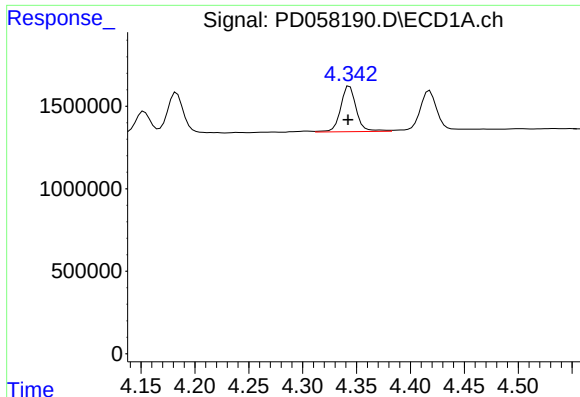
#6 beta-BHC

R.T.: 4.153 min  
Delta R.T.: 0.002 min  
Response: 1319486  
Conc: 2.73 ng/ml



#6 beta-BHC

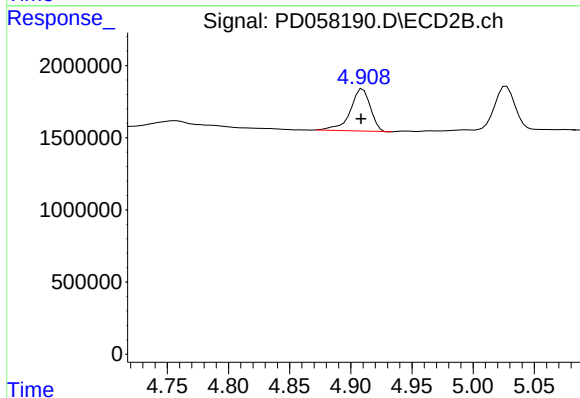
R.T.: 4.699 min  
Delta R.T.: 0.001 min  
Response: 1342304  
Conc: 2.00 ng/ml



#7 delta-BHC

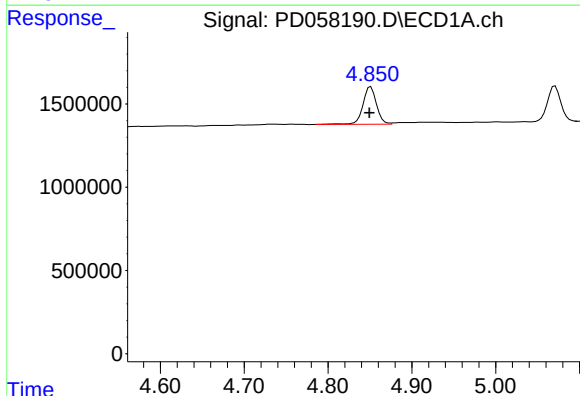
R.T.: 4.344 min  
Delta R.T.: 0.001 min  
Response: 2791100  
Conc: 2.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



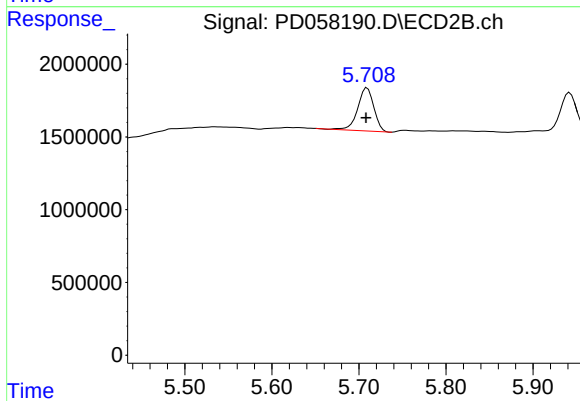
#7 delta-BHC

R.T.: 4.910 min  
Delta R.T.: 0.001 min  
Response: 3324742  
Conc: 2.27 ng/ml



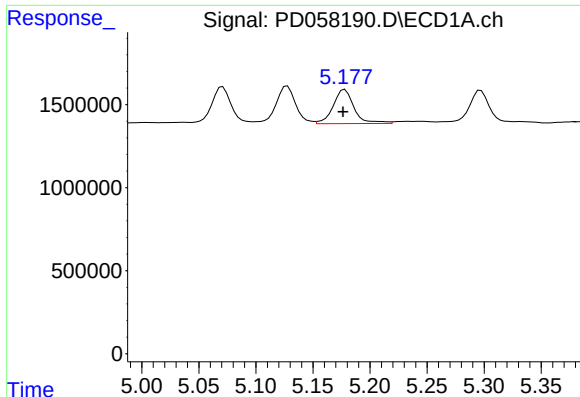
#8 Heptachlor epoxide

R.T.: 4.851 min  
Delta R.T.: 0.002 min  
Response: 2537143  
Conc: 2.60 ng/ml



#8 Heptachlor epoxide

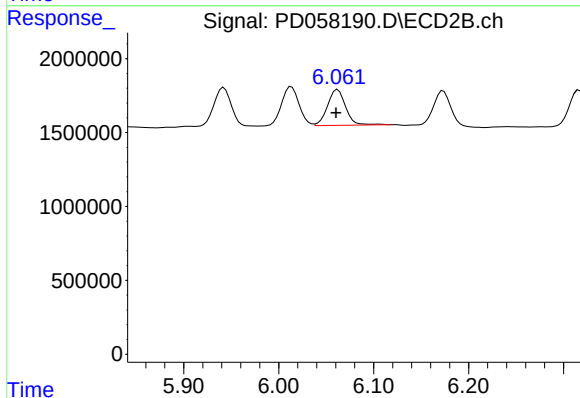
R.T.: 5.710 min  
Delta R.T.: 0.002 min  
Response: 3833435  
Conc: 2.76 ng/ml



#9 Endosulfan I

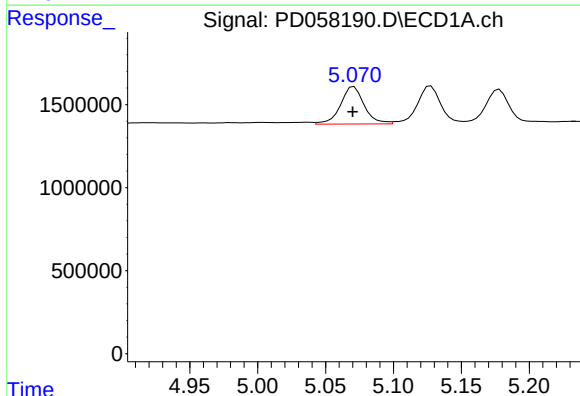
R.T.: 5.178 min  
Delta R.T.: 0.002 min  
Response: 2629172  
Conc: 2.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



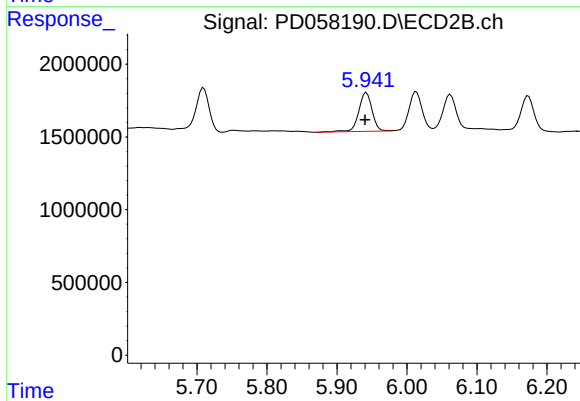
#9 Endosulfan I

R.T.: 6.062 min  
Delta R.T.: 0.002 min  
Response: 3229073  
Conc: 2.56 ng/ml



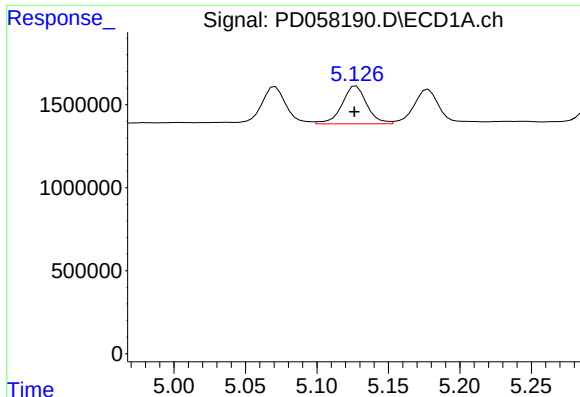
#10 gamma-Chlordane

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 2734294  
Conc: 2.75 ng/ml



#10 gamma-Chlordane

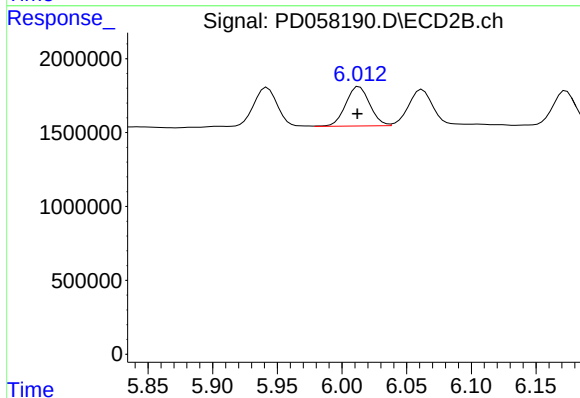
R.T.: 5.942 min  
Delta R.T.: 0.002 min  
Response: 3541035  
Conc: 2.54 ng/ml



#11 alpha-Chlordane

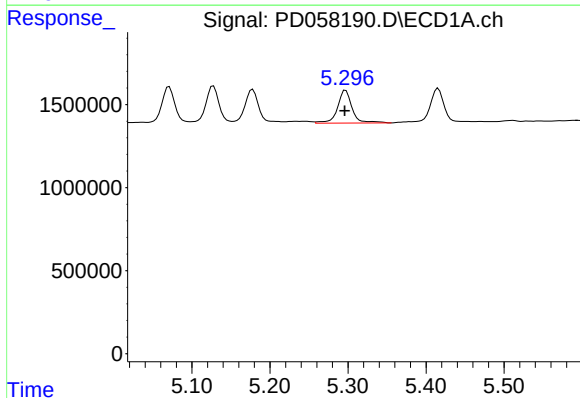
R.T.: 5.128 min  
Delta R.T.: 0.001 min  
Response: 2759861  
Conc: 2.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



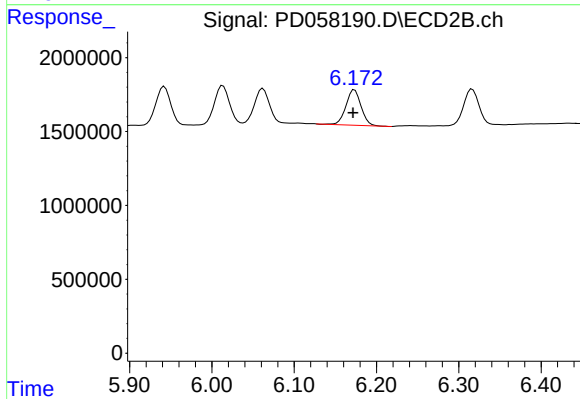
#11 alpha-Chlordane

R.T.: 6.013 min  
Delta R.T.: 0.001 min  
Response: 3456047  
Conc: 2.49 ng/ml



#12 4,4'-DDE

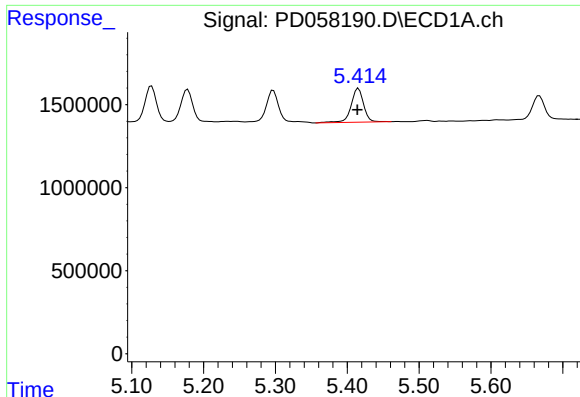
R.T.: 5.297 min  
Delta R.T.: 0.001 min  
Response: 2579306  
Conc: 2.77 ng/ml



#12 4,4'-DDE

R.T.: 6.173 min  
Delta R.T.: 0.002 min  
Response: 3087132  
Conc: 2.42 ng/ml

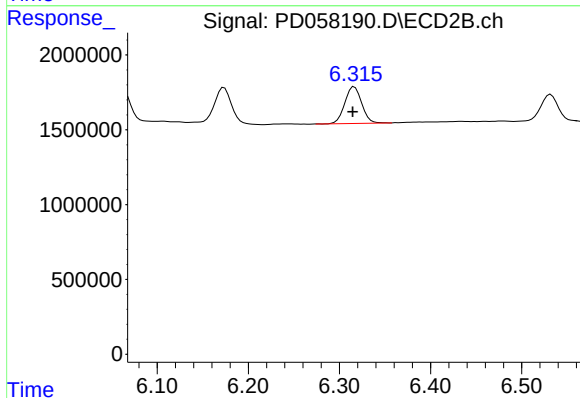




#13 Dieldrin

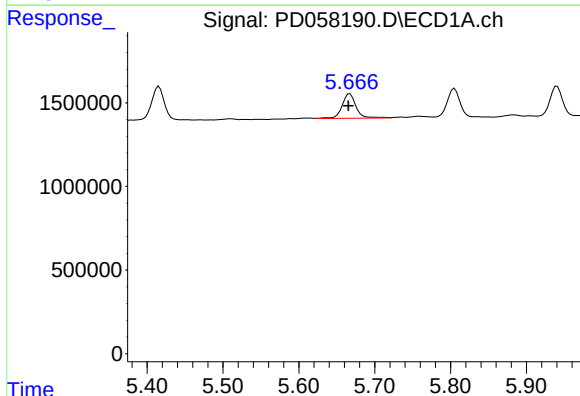
R.T.: 5.416 min  
Delta R.T.: 0.001 min  
Response: 2465986  
Conc: 2.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



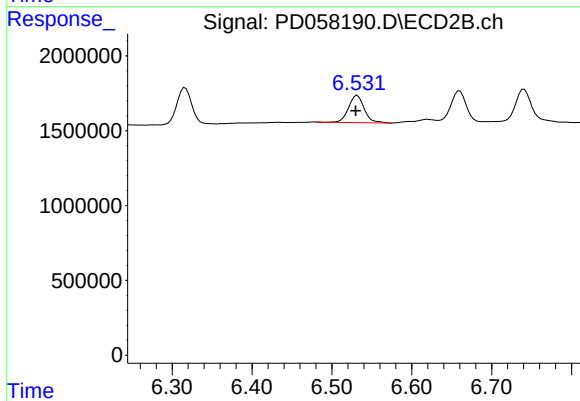
#13 Dieldrin

R.T.: 6.316 min  
Delta R.T.: 0.002 min  
Response: 3146089  
Conc: 2.36 ng/ml



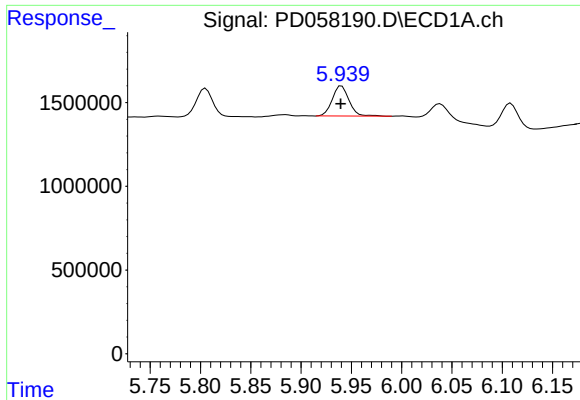
#14 Endrin

R.T.: 5.667 min  
Delta R.T.: 0.002 min  
Response: 1894596  
Conc: 2.37 ng/ml



#14 Endrin

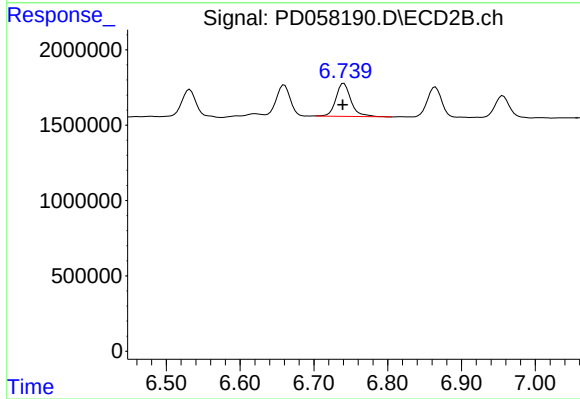
R.T.: 6.532 min  
Delta R.T.: 0.002 min  
Response: 2489430  
Conc: 2.36 ng/ml



#15 Endosulfan II

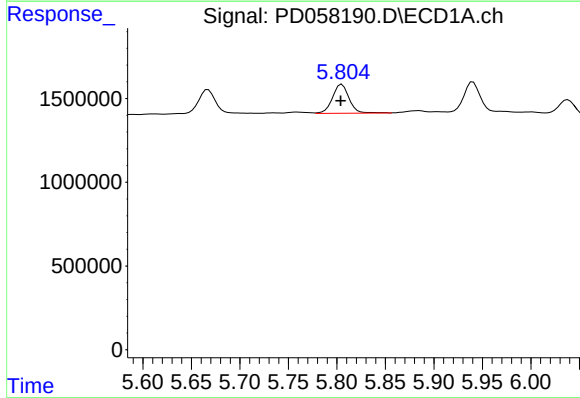
R.T.: 5.940 min  
Delta R.T.: 0.001 min  
Response: 2085942  
Conc: 2.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



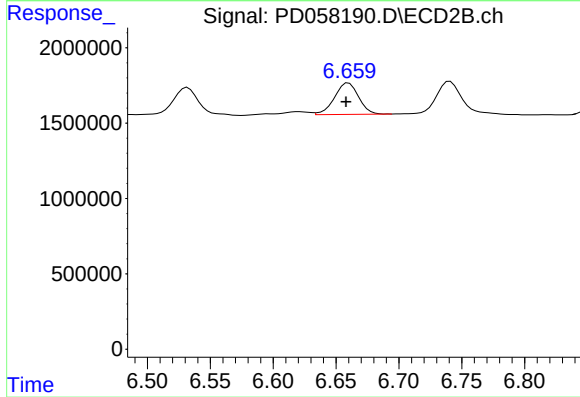
#15 Endosulfan II

R.T.: 6.741 min  
Delta R.T.: 0.002 min  
Response: 3114663  
Conc: 2.59 ng/ml



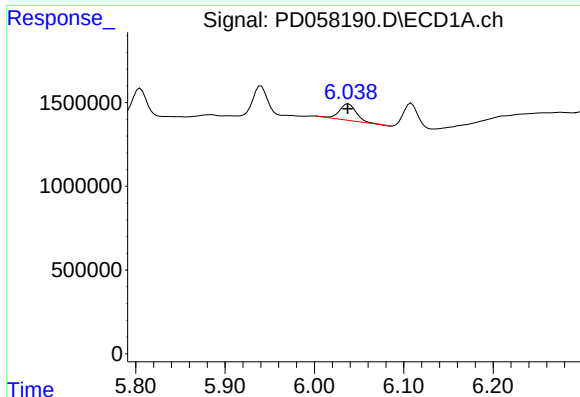
#16 4,4'-DDD

R.T.: 5.805 min  
Delta R.T.: 0.001 min  
Response: 2041676  
Conc: 2.53 ng/ml



#16 4,4'-DDD

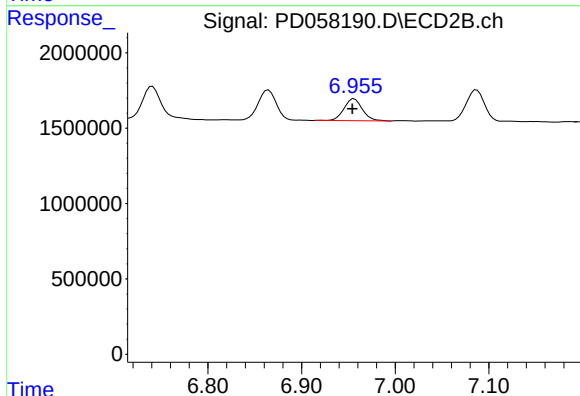
R.T.: 6.660 min  
Delta R.T.: 0.002 min  
Response: 2779012  
Conc: 2.51 ng/ml



#17 4,4'-DDT

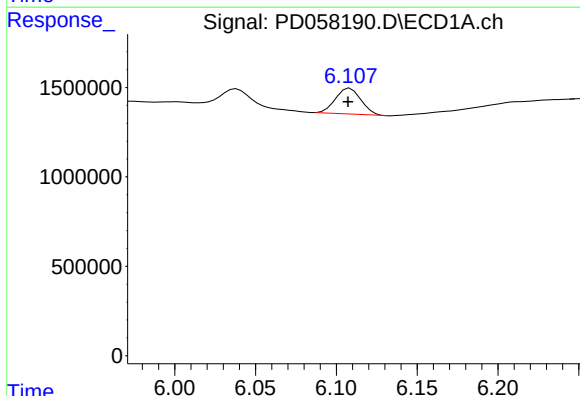
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 1335787  
Conc: 1.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



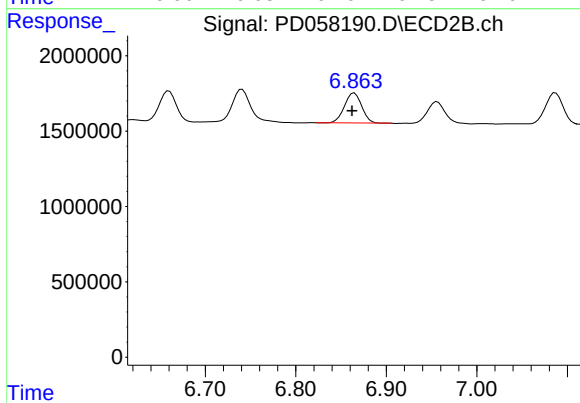
#17 4,4'-DDT

R.T.: 6.956 min  
Delta R.T.: 0.002 min  
Response: 1989418  
Conc: 2.00 ng/ml



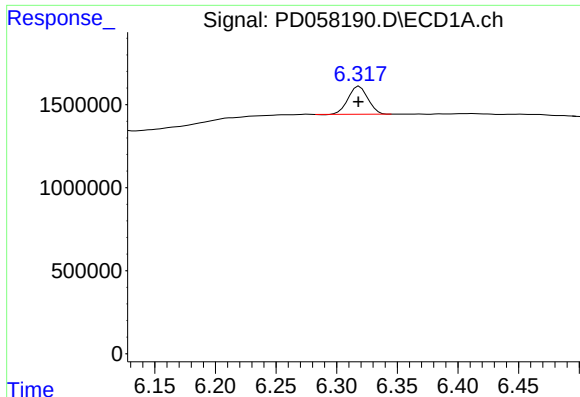
#18 Endrin aldehyde

R.T.: 6.109 min  
Delta R.T.: 0.001 min  
Response: 1587551  
Conc: 2.17 ng/ml



#18 Endrin aldehyde

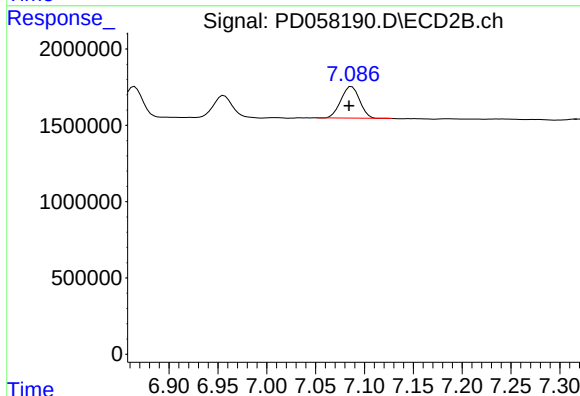
R.T.: 6.865 min  
Delta R.T.: 0.002 min  
Response: 2640336  
Conc: 2.55 ng/ml



#19 Endosulfan Sulfate

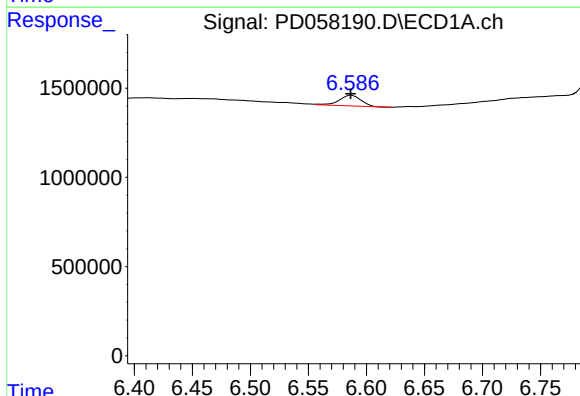
R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 1909854  
Conc: 2.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



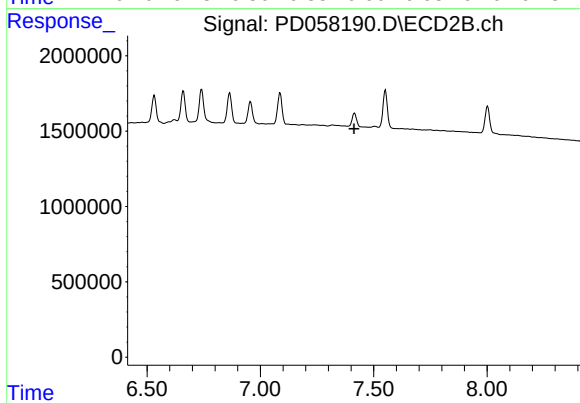
#19 Endosulfan Sulfate

R.T.: 7.087 min  
Delta R.T.: 0.003 min  
Response: 2772302  
Conc: 2.47 ng/ml



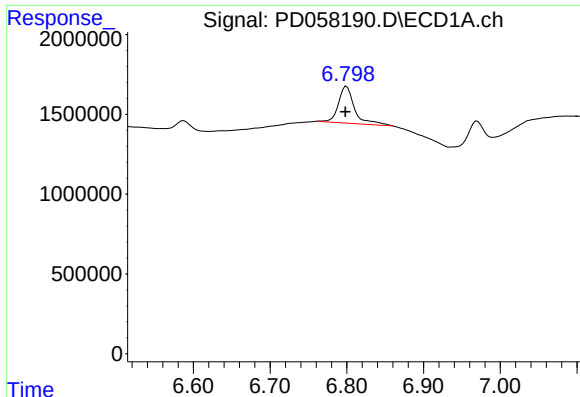
#20 Methoxychlor

R.T.: 6.587 min  
Delta R.T.: 0.000 min  
Response: 788115  
Conc: 2.00 ng/ml



#20 Methoxychlor

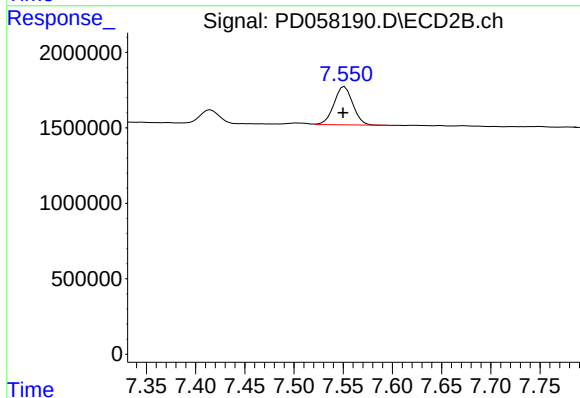
R.T.: 0.000 min  
Exp R.T. : 7.413 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

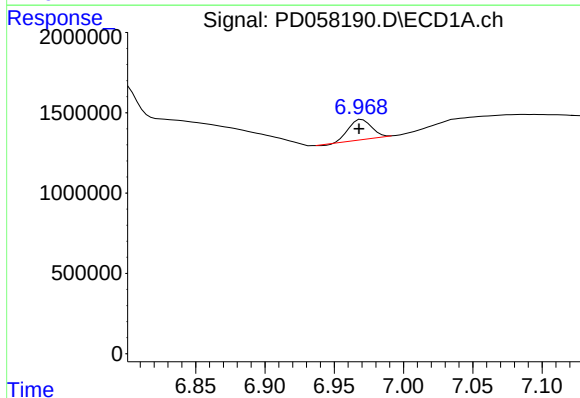
R.T.: 6.800 min  
Delta R.T.: 0.002 min  
Response: 3336083  
Conc: 3.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



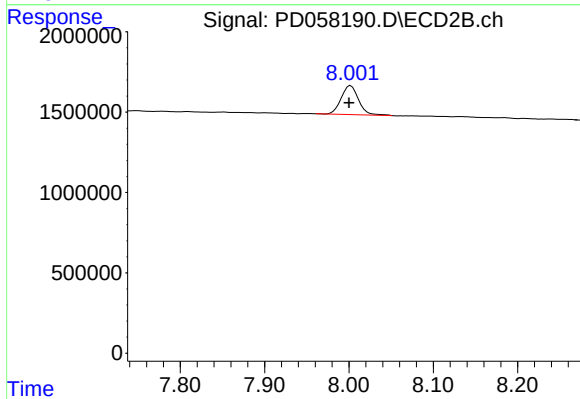
#21 Endrin ketone

R.T.: 7.551 min  
Delta R.T.: 0.002 min  
Response: 3387711  
Conc: 2.57 ng/ml



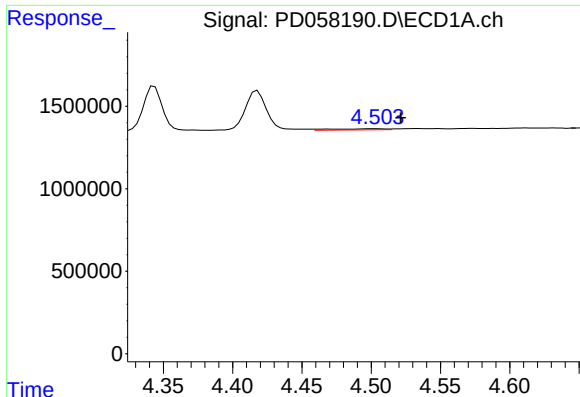
#22 Mirex

R.T.: 6.970 min  
Delta R.T.: 0.002 min  
Response: 1418717  
Conc: 2.01 ng/ml



#22 Mirex

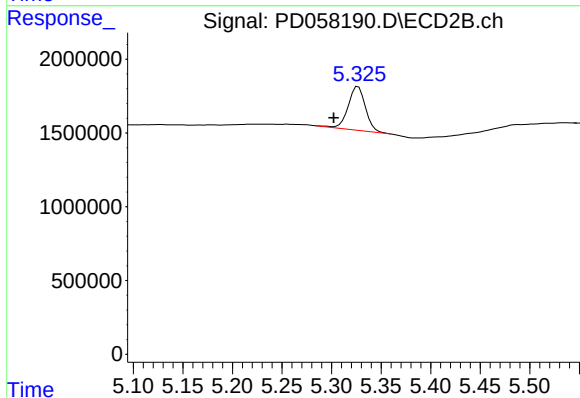
R.T.: 8.002 min  
Delta R.T.: 0.002 min  
Response: 2581563  
Conc: 2.72 ng/ml



#24 Chlordane-2

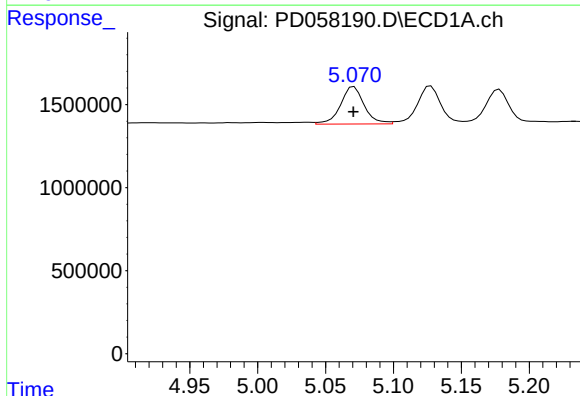
R.T.: 4.504 min  
Delta R.T.: -0.018 min  
Response: 205219  
Conc: 6.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



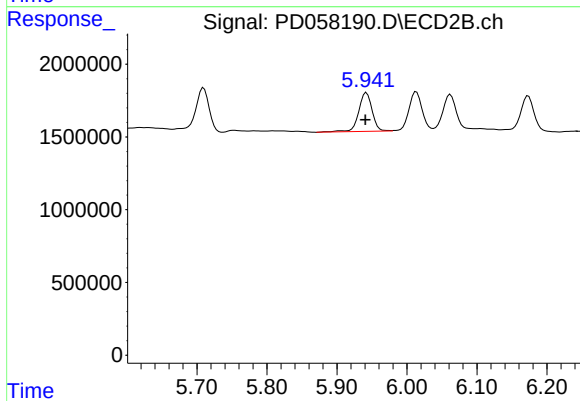
#24 Chlordane-2

R.T.: 5.327 min  
Delta R.T.: 0.025 min  
Response: 3560668  
Conc: 74.05 ng/ml



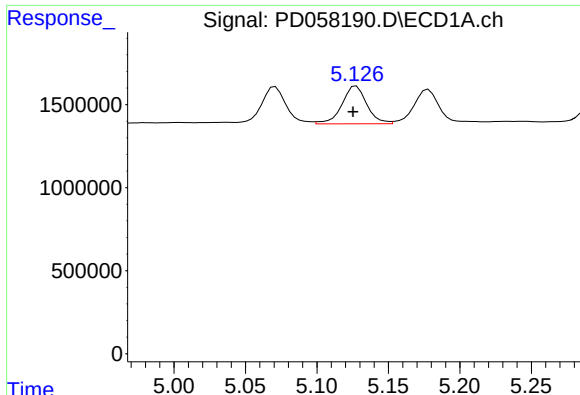
#25 Chlordane-3

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 2734294  
Conc: 30.51 ng/ml



#25 Chlordane-3

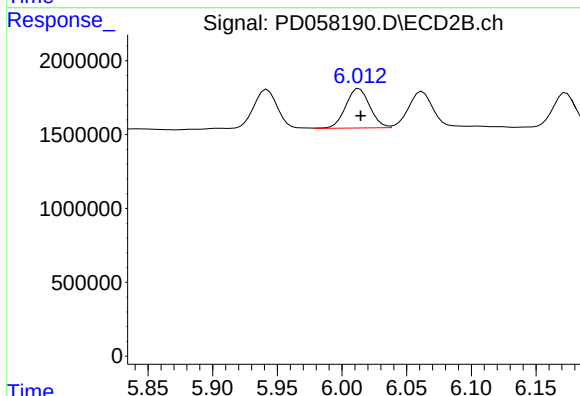
R.T.: 5.942 min  
Delta R.T.: 0.002 min  
Response: 3541035  
Conc: 20.59 ng/ml



#26 Chlordane-4

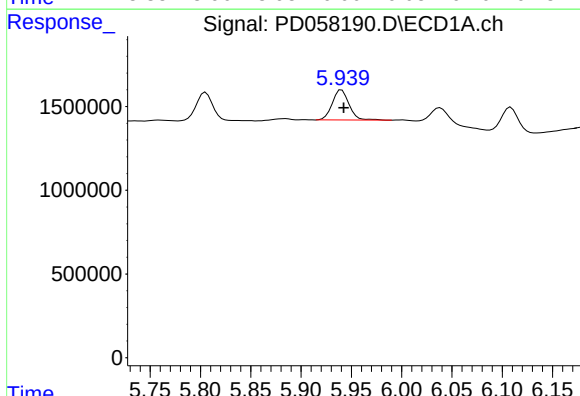
R.T.: 5.128 min  
Delta R.T.: 0.002 min  
Response: 2759861  
Conc: 32.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



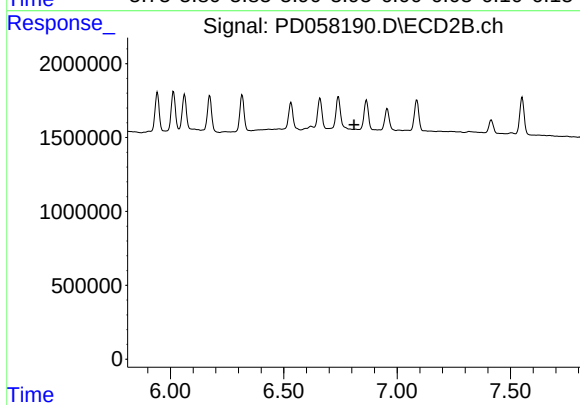
#26 Chlordane-4

R.T.: 6.013 min  
Delta R.T.: -0.001 min  
Response: 3456047  
Conc: 16.58 ng/ml



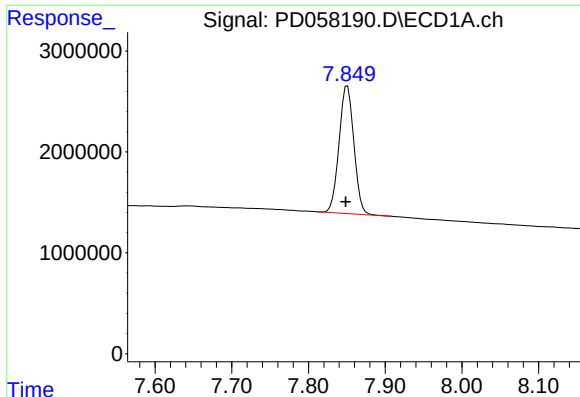
#27 Chlordane-5

R.T.: 5.940 min  
Delta R.T.: -0.002 min  
Response: 2085942  
Conc: 77.23 ng/ml



#27 Chlordane-5

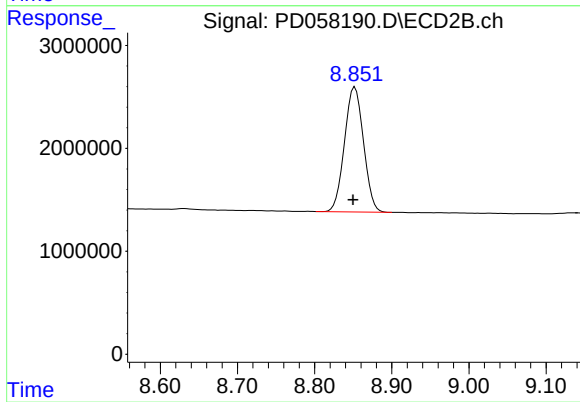
R.T.: 0.000 min  
Exp R.T.: 6.810 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.851 min  
Delta R.T.: 0.002 min  
Response: 16947729  
Conc: 21.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2020



#28 Decachlorobiphenyl

R.T.: 8.852 min  
Delta R.T.: 0.002 min  
Response: 20731750  
Conc: 20.00 ng/ml