

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051320\  
 Data File : PL058695.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 May 2020 18:29  
 Operator : AJ\MA  
 Sample : L2182-08  
 Misc : 5 PPB LOQ  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2020

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 14 01:59:19 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 13 09:14:54 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... | 3.531 | 4.077 | 34423338 | 48294715 | 20.954 | 22.311 |
| 2)                          | SA Decachlor... | 8.319 | 9.191 | 30572768 | 44294762 | 23.414 | 25.064 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.974 | 4.469 | 10701401 | 14171532 | 4.649  | 4.628  |
| 3)                          | MA gamma-BHC... | 4.260 | 4.757 | 9492704  | 14204006 | 4.627  | 4.845  |
| 4)                          | MA Heptachlor   | 4.568 | 5.271 | 9717307  | 15039755 | 5.144  | 5.367  |
| 5)                          | MB Aldrin       | 4.819 | 5.579 | 8144733  | 13415246 | 4.892  | 5.388  |
| 6)                          | B beta-BHC      | 4.509 | 4.924 | 4992587  | 7334255  | 5.632  | 5.530  |
| 7)                          | B delta-BHC     | 4.717 | 5.144 | 8449244  | 14482128 | 4.543  | 5.104  |
| 8)                          | B Heptachlo...  | 5.265 | 5.967 | 8127375  | 13902909 | 5.172  | 5.790  |
| 9)                          | A Endosulfan I  | 5.607 | 6.326 | 7441333  | 12311832 | 5.137  | 5.721  |
| 10)                         | B gamma-Chl...  | 5.494 | 6.201 | 8111348  | 13749034 | 5.221  | 5.853  |
| 11)                         | B alpha-Chl...  | 5.553 | 6.275 | 8102939  | 13460853 | 5.205  | 5.742  |
| 12)                         | B 4,4'-DDE      | 5.717 | 6.430 | 6682605  | 10931172 | 4.795  | 5.234  |
| 13)                         | MA Dieldrin     | 5.851 | 6.584 | 7429920  | 11942055 | 4.989  | 5.442  |
| 14)                         | MA Endrin       | 6.109 | 6.803 | 6470617  | 9834900  | 4.980  | 5.423  |
| 15)                         | B Endosulfa...  | 6.381 | 7.011 | 7238625  | 12268846 | 5.249  | 6.144  |
| 16)                         | A 4,4'-DDD      | 6.233 | 6.921 | 5717580  | 9822447  | 4.848  | 5.613  |
| 17)                         | MA 4,4'-DDT     | 6.476 | 7.221 | 5858486  | 9173511  | 4.801  | 5.420  |
| 18)                         | B Endrin al...  | 6.550 | 7.136 | 6069687  | 9837415  | 5.171  | 5.763  |
| 19)                         | B Endosulfa...  | 6.764 | 7.358 | 7204582  | 10742140 | 5.435  | 5.740  |
| 20)                         | A Methoxychlor  | 7.024 | 7.677 | 3775188  | 5560134  | 5.816  | 5.661  |
| 21)                         | B Endrin ke...  | 7.256 | 7.833 | 7897163  | 11549227 | 5.325  | 5.733  |
| 22)                         | Mirex           | 7.453 | 8.290 | 7747015  | 9910091  | 6.336  | 6.307  |
| -----                       |                 |       |       |          |          |        |        |

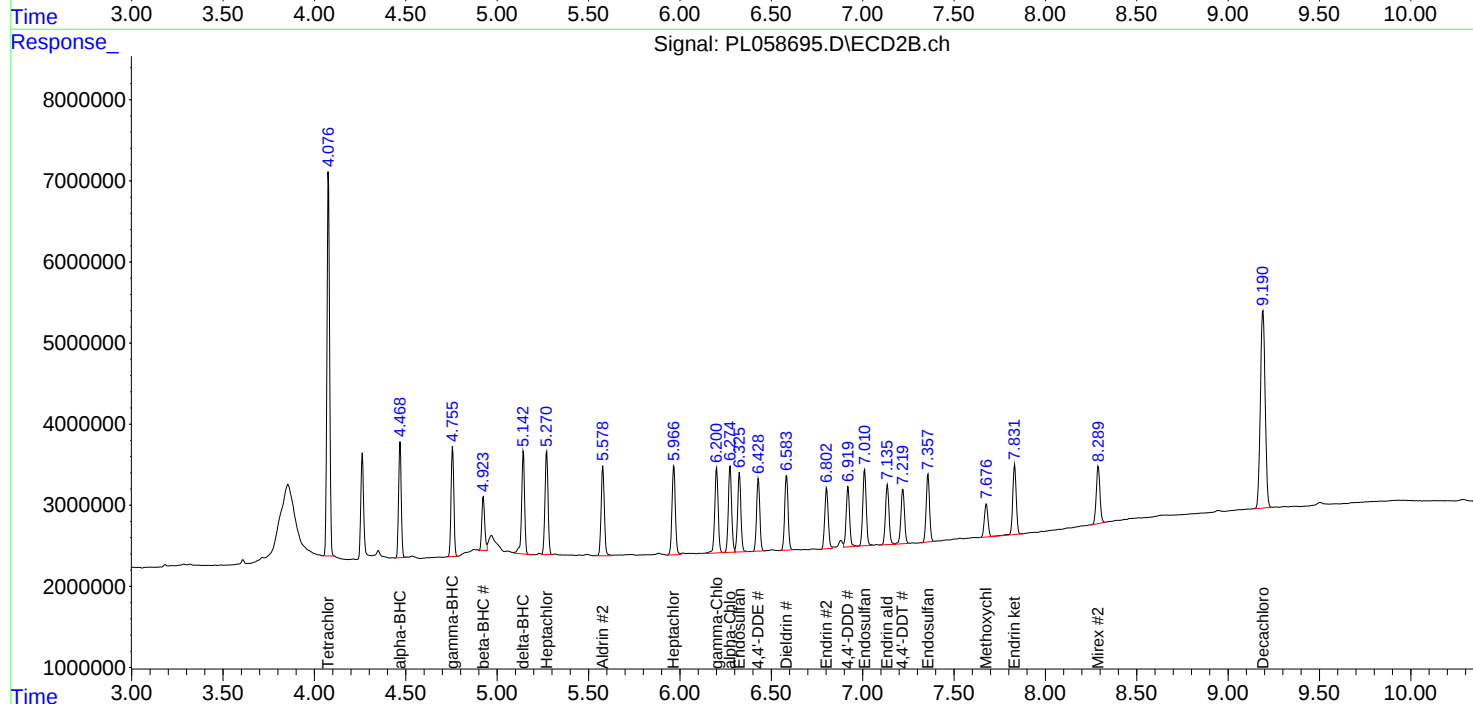
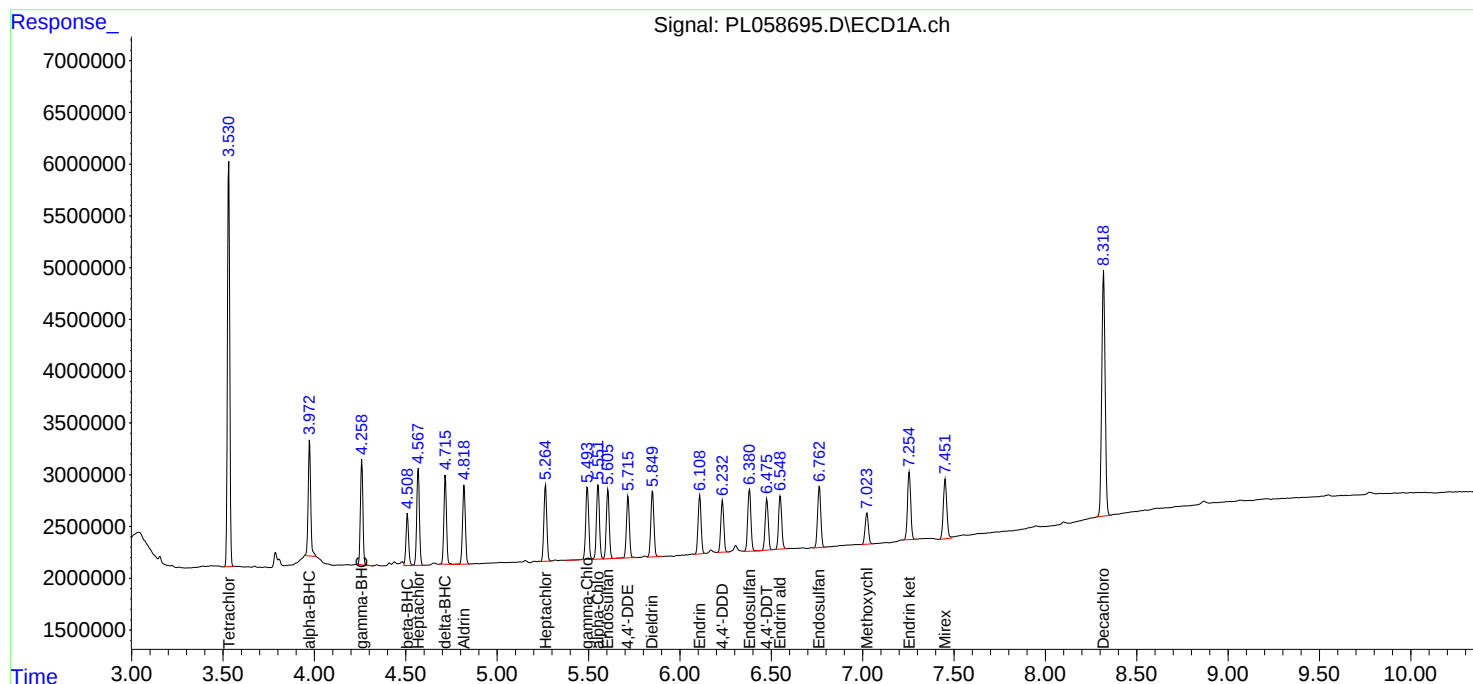
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

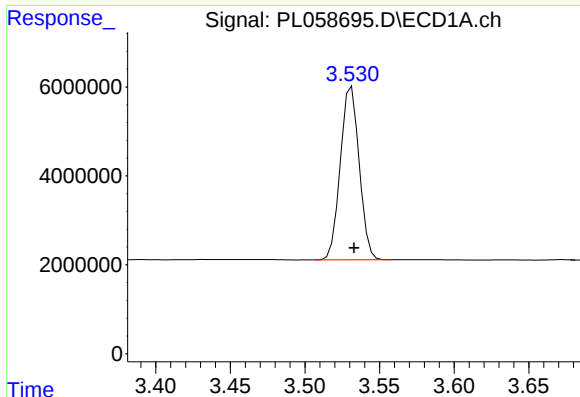
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051320\  
Data File : PL058695.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 May 2020 18:29  
Operator : AJ\MA  
Sample : L2182-08  
Misc : 5 PPB LOQ  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 01:59:19 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
Quant Title : GC Extractables  
QLast Update : Wed May 13 09:14:54 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

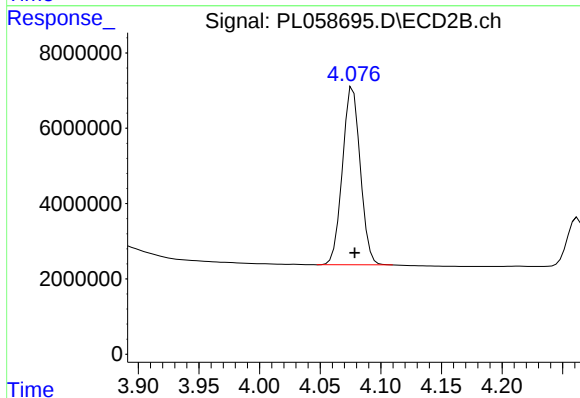




#1 Tetrachloro-m-xylene

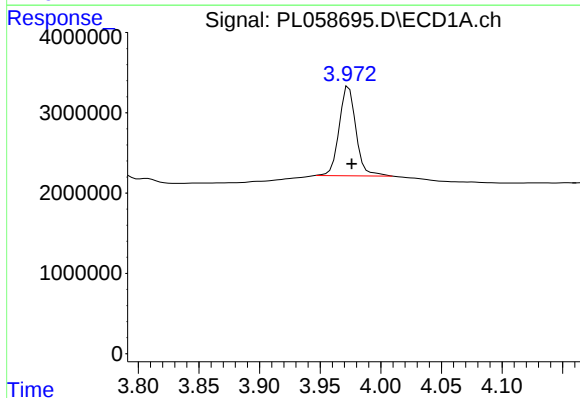
R.T.: 3.531 min  
Delta R.T.: -0.002 min  
Response: 34423338  
Conc: 20.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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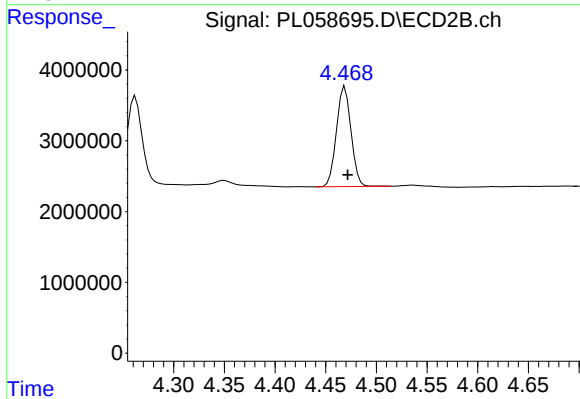
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: -0.002 min  
Response: 48294715  
Conc: 22.31 ng/ml



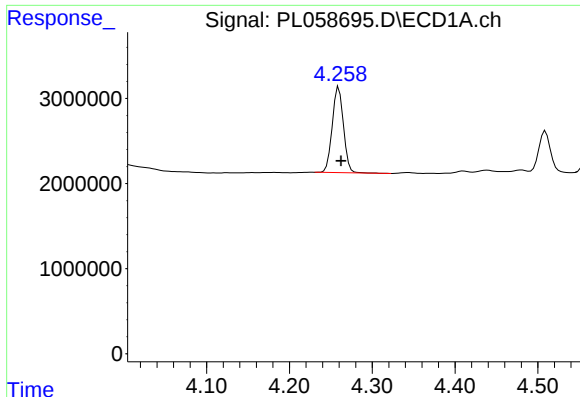
#2 alpha-BHC

R.T.: 3.974 min  
Delta R.T.: -0.002 min  
Response: 10701401  
Conc: 4.65 ng/ml



#2 alpha-BHC

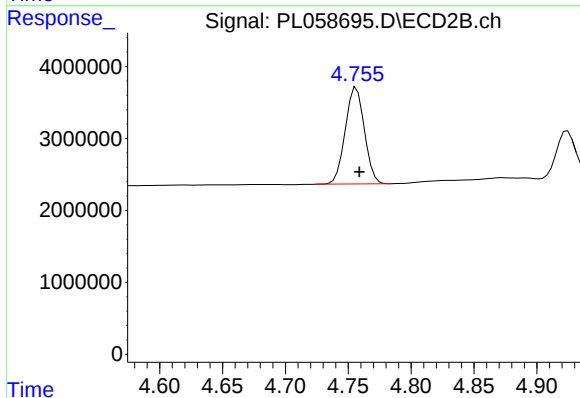
R.T.: 4.469 min  
Delta R.T.: -0.003 min  
Response: 14171532  
Conc: 4.63 ng/ml



#3 gamma-BHC (Lindane)

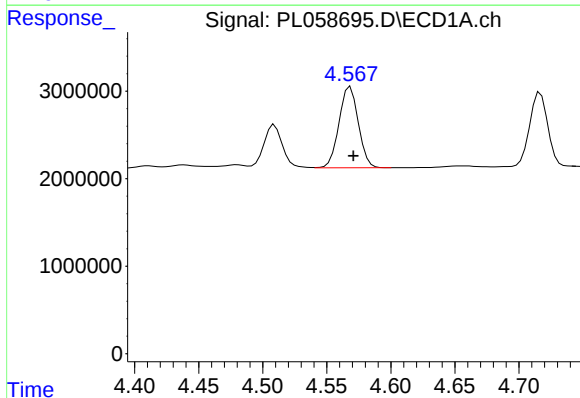
R.T.: 4.260 min  
Delta R.T.: -0.003 min  
Response: 9492704  
Conc: 4.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



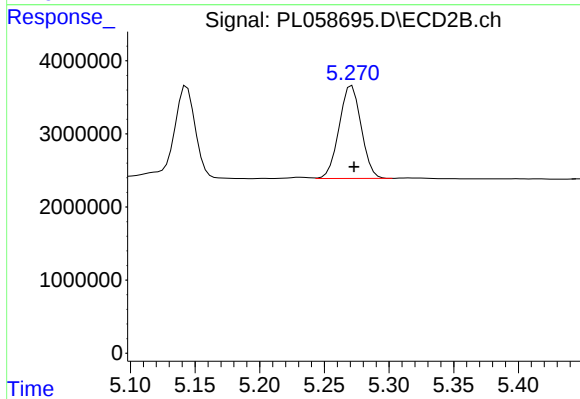
#3 gamma-BHC (Lindane)

R.T.: 4.757 min  
Delta R.T.: -0.002 min  
Response: 14204006  
Conc: 4.84 ng/ml



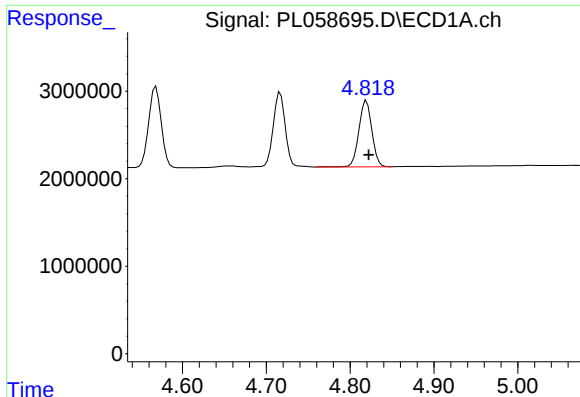
#4 Heptachlor

R.T.: 4.568 min  
Delta R.T.: -0.002 min  
Response: 9717307  
Conc: 5.14 ng/ml



#4 Heptachlor

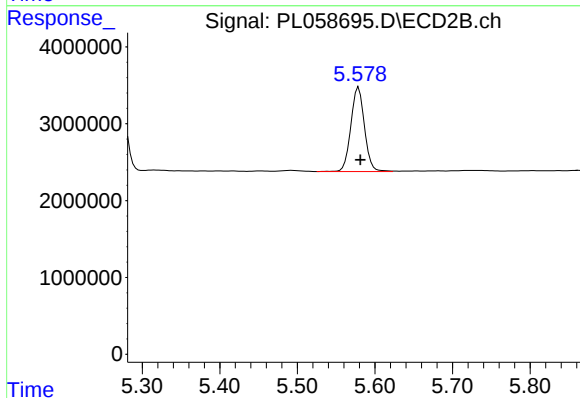
R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 15039755  
Conc: 5.37 ng/ml



#5 Aldrin

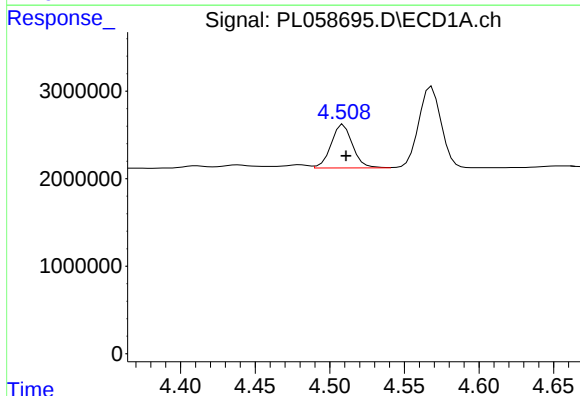
R.T.: 4.819 min  
Delta R.T.: -0.003 min  
Response: 8144733  
Conc: 4.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



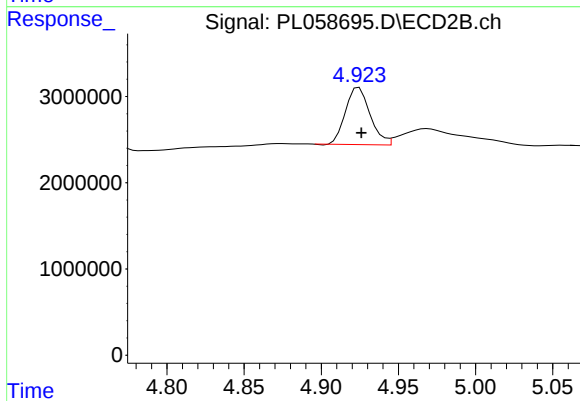
#5 Aldrin

R.T.: 5.579 min  
Delta R.T.: -0.002 min  
Response: 13415246  
Conc: 5.39 ng/ml



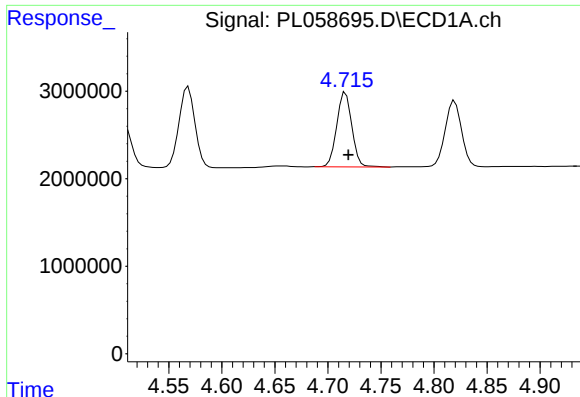
#6 beta-BHC

R.T.: 4.509 min  
Delta R.T.: -0.002 min  
Response: 4992587  
Conc: 5.63 ng/ml



#6 beta-BHC

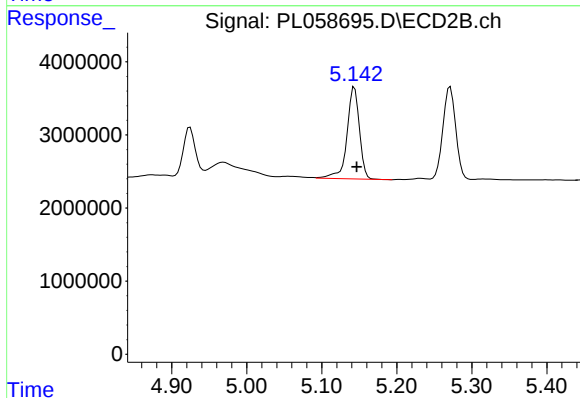
R.T.: 4.924 min  
Delta R.T.: -0.002 min  
Response: 7334255  
Conc: 5.53 ng/ml



#7 delta-BHC

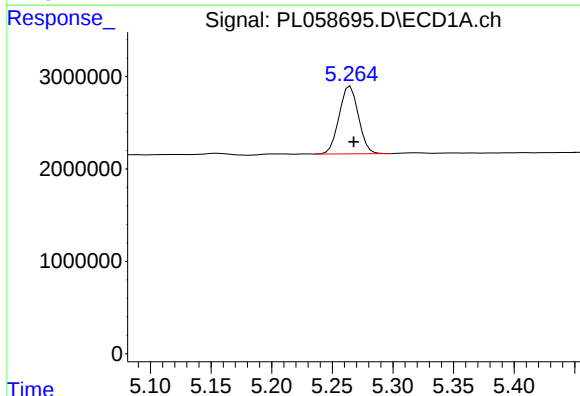
R.T.: 4.717 min  
Delta R.T.: -0.003 min  
Response: 8449244  
Conc: 4.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



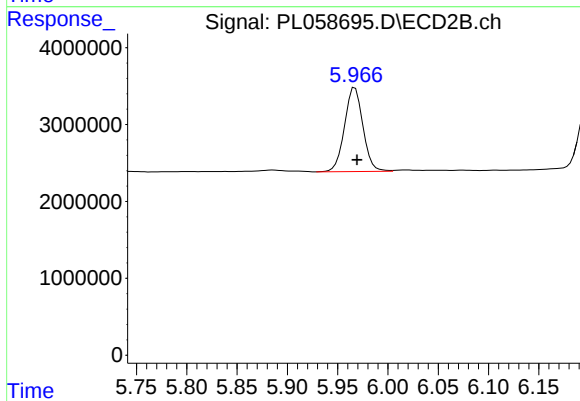
#7 delta-BHC

R.T.: 5.144 min  
Delta R.T.: -0.003 min  
Response: 14482128  
Conc: 5.10 ng/ml



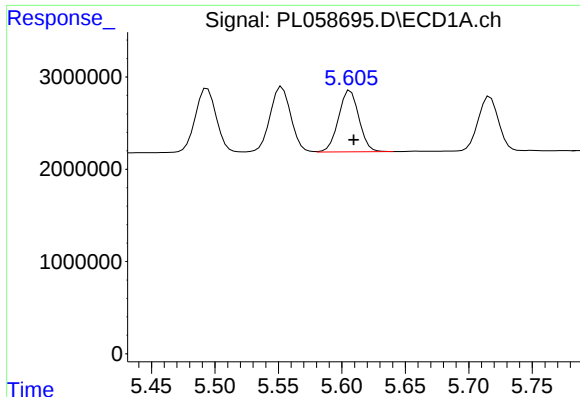
#8 Heptachlor epoxide

R.T.: 5.265 min  
Delta R.T.: -0.003 min  
Response: 8127375  
Conc: 5.17 ng/ml



#8 Heptachlor epoxide

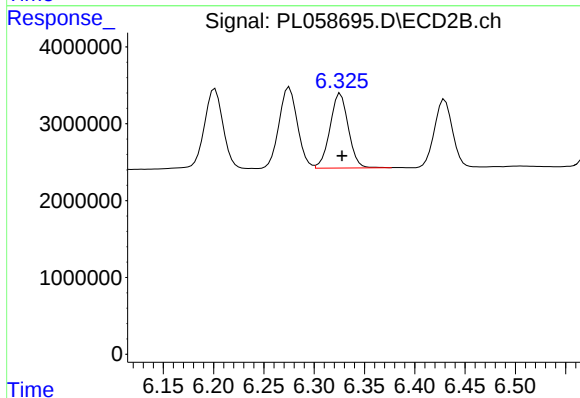
R.T.: 5.967 min  
Delta R.T.: -0.002 min  
Response: 13902909  
Conc: 5.79 ng/ml



#9 Endosulfan I

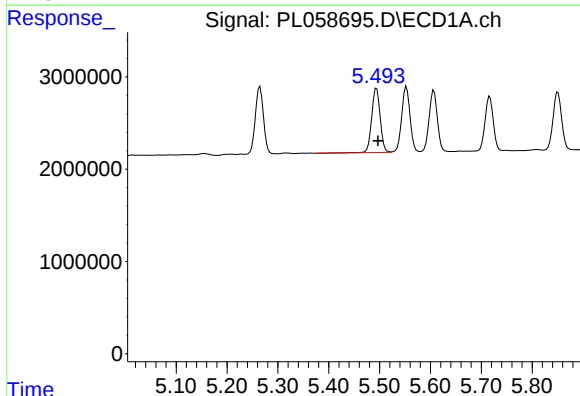
R.T.: 5.607 min  
Delta R.T.: -0.003 min  
Response: 7441333  
Conc: 5.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



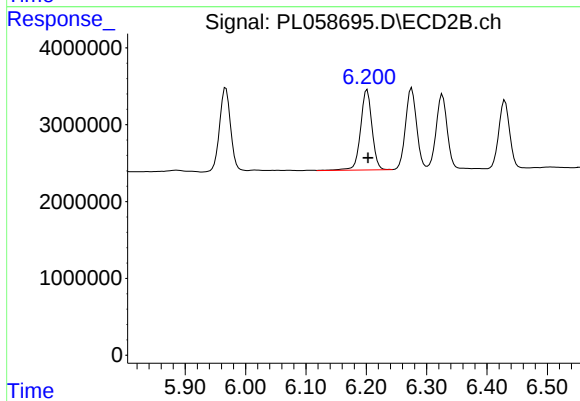
#9 Endosulfan I

R.T.: 6.326 min  
Delta R.T.: -0.002 min  
Response: 12311832  
Conc: 5.72 ng/ml



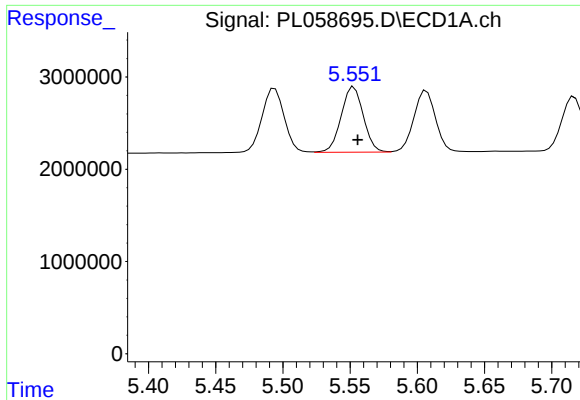
#10 gamma-Chlordane

R.T.: 5.494 min  
Delta R.T.: -0.003 min  
Response: 8111348  
Conc: 5.22 ng/ml



#10 gamma-Chlordane

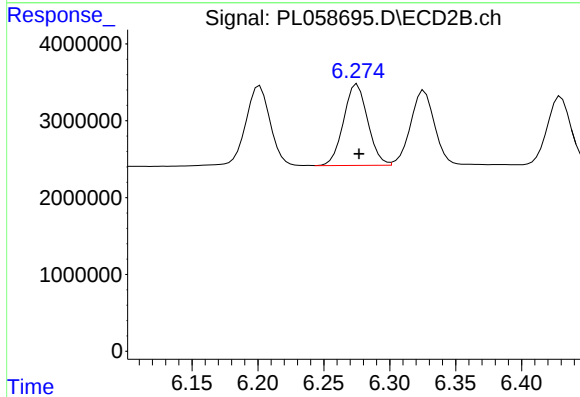
R.T.: 6.201 min  
Delta R.T.: -0.002 min  
Response: 13749034  
Conc: 5.85 ng/ml



#11 alpha-Chlordane

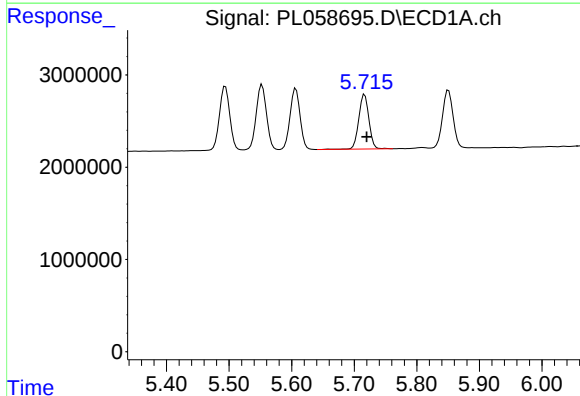
R.T.: 5.553 min  
Delta R.T.: -0.003 min  
Response: 8102939  
Conc: 5.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



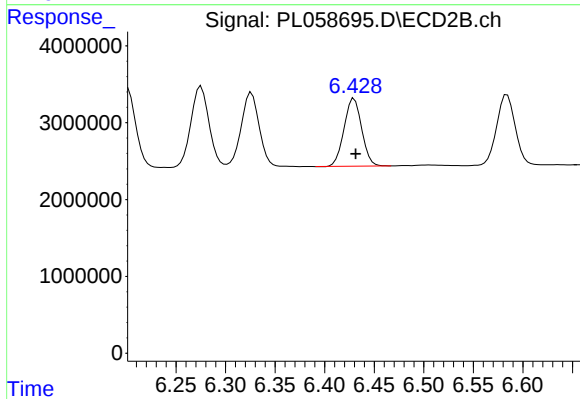
#11 alpha-Chlordane

R.T.: 6.275 min  
Delta R.T.: -0.001 min  
Response: 13460853  
Conc: 5.74 ng/ml



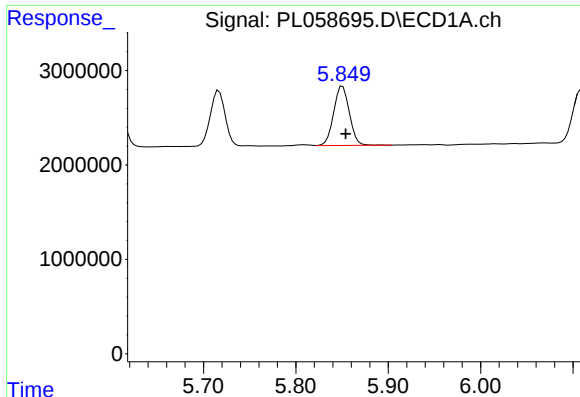
#12 4,4'-DDE

R.T.: 5.717 min  
Delta R.T.: -0.003 min  
Response: 6682605  
Conc: 4.79 ng/ml



#12 4,4'-DDE

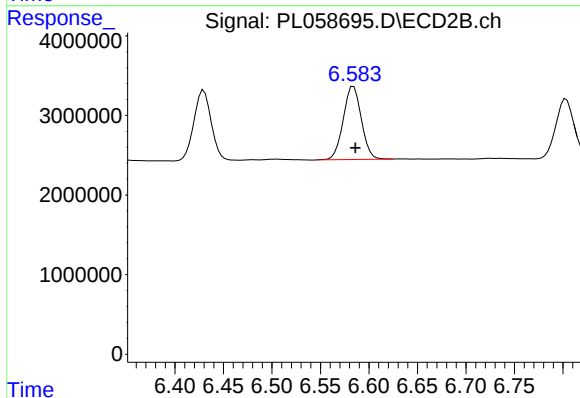
R.T.: 6.430 min  
Delta R.T.: -0.001 min  
Response: 10931172  
Conc: 5.23 ng/ml



#13 Dieldrin

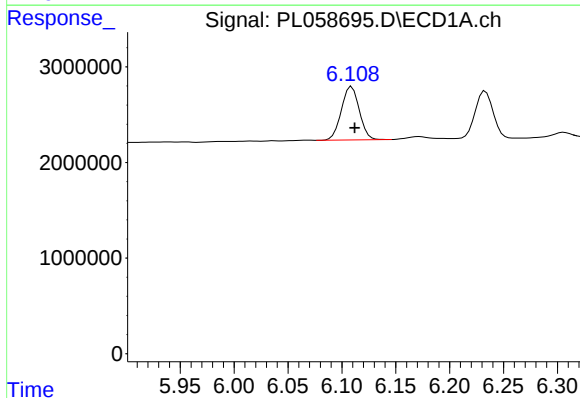
R.T.: 5.851 min  
Delta R.T.: -0.004 min  
Response: 7429920  
Conc: 4.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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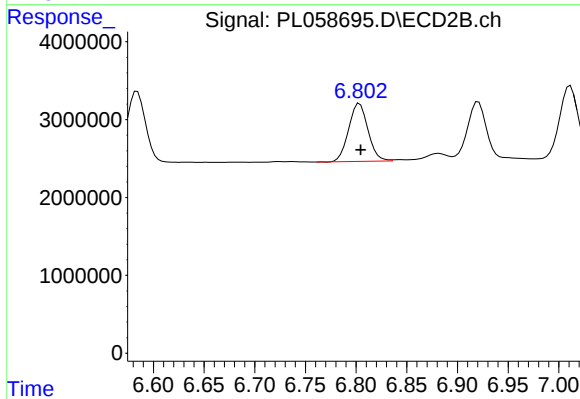
#13 Dieldrin

R.T.: 6.584 min  
Delta R.T.: -0.002 min  
Response: 11942055  
Conc: 5.44 ng/ml



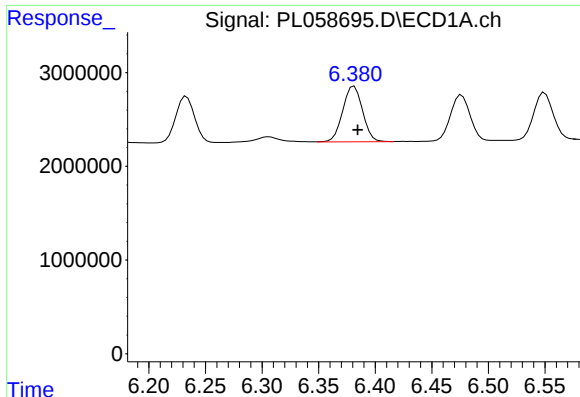
#14 Endrin

R.T.: 6.109 min  
Delta R.T.: -0.003 min  
Response: 6470617  
Conc: 4.98 ng/ml



#14 Endrin

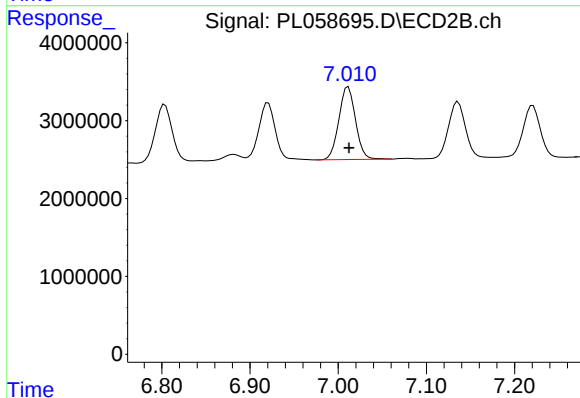
R.T.: 6.803 min  
Delta R.T.: -0.001 min  
Response: 9834900  
Conc: 5.42 ng/ml



#15 Endosulfan II

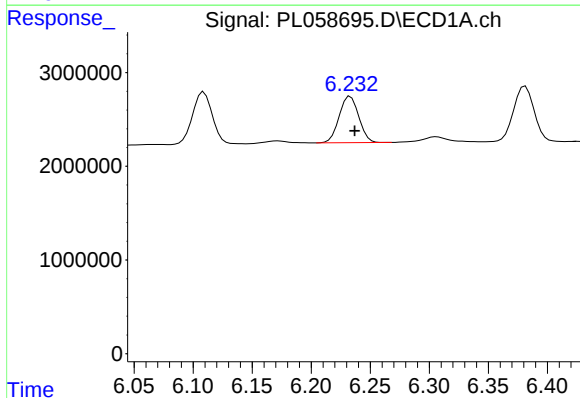
R.T.: 6.381 min  
Delta R.T.: -0.003 min  
Response: 7238625  
Conc: 5.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



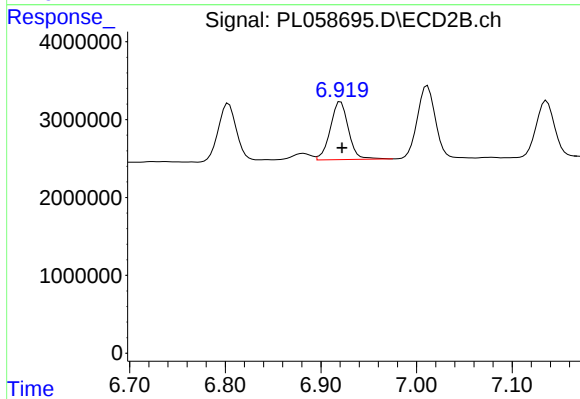
#15 Endosulfan II

R.T.: 7.011 min  
Delta R.T.: -0.001 min  
Response: 12268846  
Conc: 6.14 ng/ml



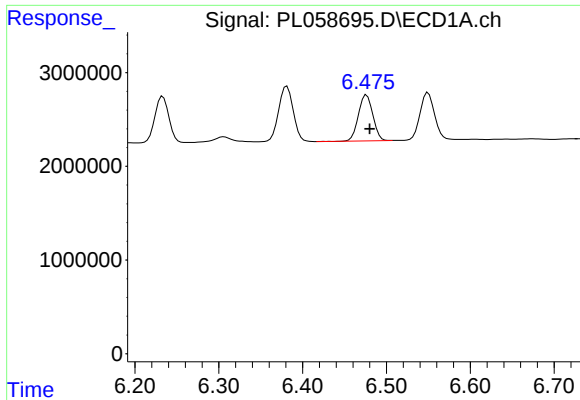
#16 4,4'-DDD

R.T.: 6.233 min  
Delta R.T.: -0.004 min  
Response: 5717580  
Conc: 4.85 ng/ml



#16 4,4'-DDD

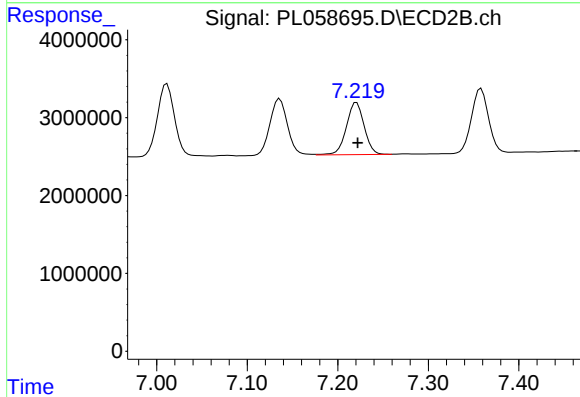
R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 9822447  
Conc: 5.61 ng/ml



#17 4,4'-DDT

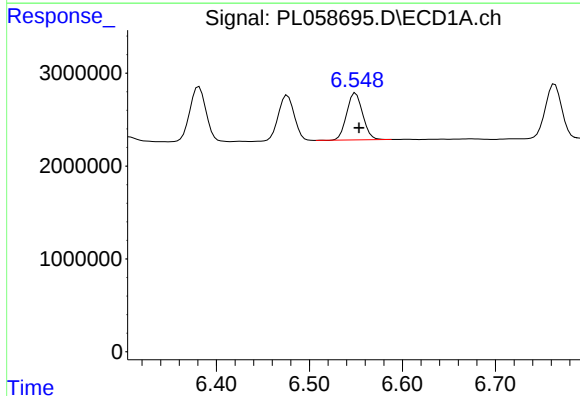
R.T.: 6.476 min  
Delta R.T.: -0.004 min  
Response: 5858486  
Conc: 4.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



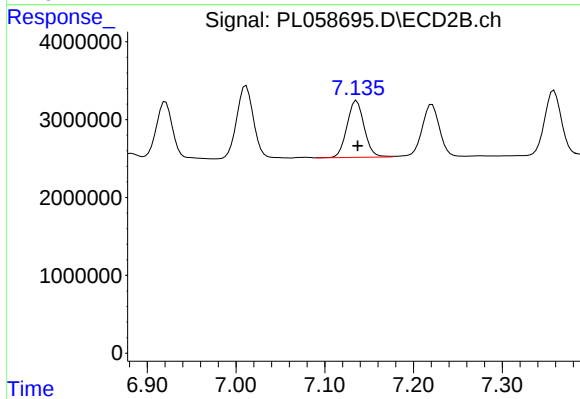
#17 4,4'-DDT

R.T.: 7.221 min  
Delta R.T.: -0.001 min  
Response: 9173511  
Conc: 5.42 ng/ml



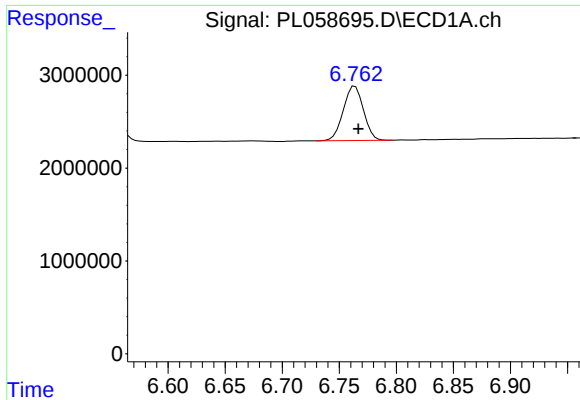
#18 Endrin aldehyde

R.T.: 6.550 min  
Delta R.T.: -0.004 min  
Response: 6069687  
Conc: 5.17 ng/ml



#18 Endrin aldehyde

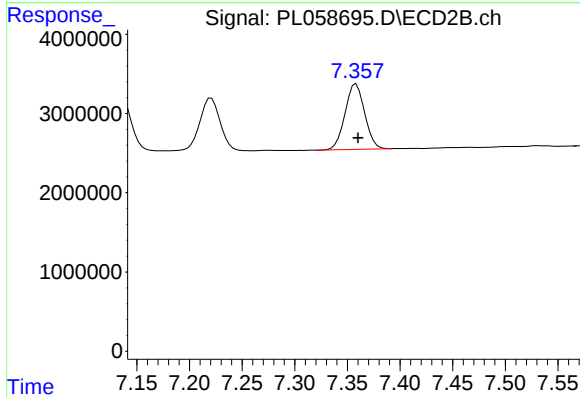
R.T.: 7.136 min  
Delta R.T.: -0.001 min  
Response: 9837415  
Conc: 5.76 ng/ml



#19 Endosulfan Sulfate

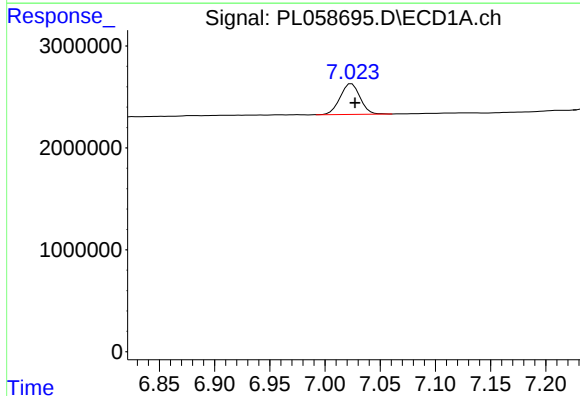
R.T.: 6.764 min  
Delta R.T.: -0.003 min  
Response: 7204582  
Conc: 5.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



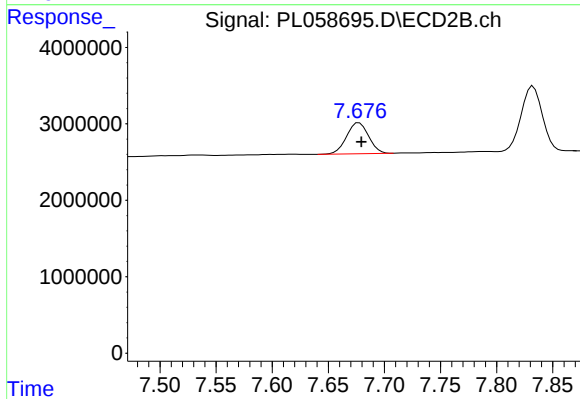
#19 Endosulfan Sulfate

R.T.: 7.358 min  
Delta R.T.: -0.002 min  
Response: 10742140  
Conc: 5.74 ng/ml



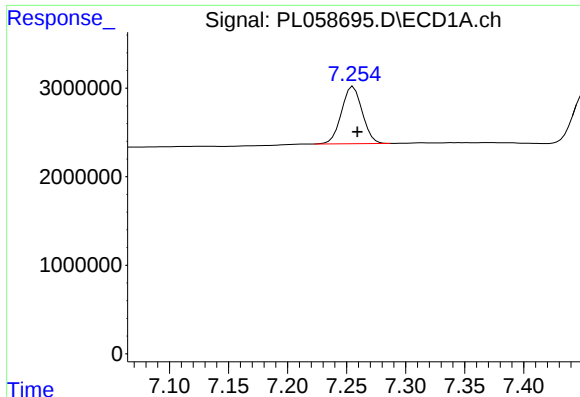
#20 Methoxychlor

R.T.: 7.024 min  
Delta R.T.: -0.003 min  
Response: 3775188  
Conc: 5.82 ng/ml



#20 Methoxychlor

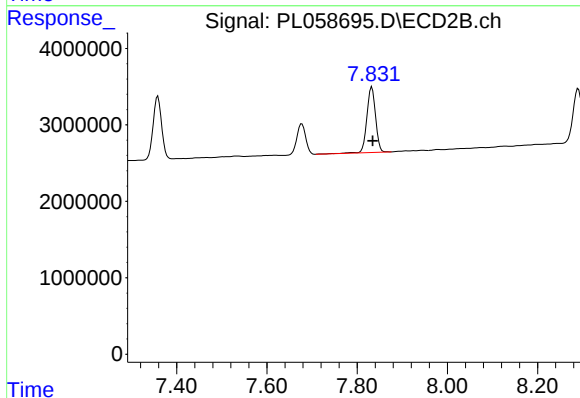
R.T.: 7.677 min  
Delta R.T.: -0.002 min  
Response: 5560134  
Conc: 5.66 ng/ml



#21 Endrin ketone

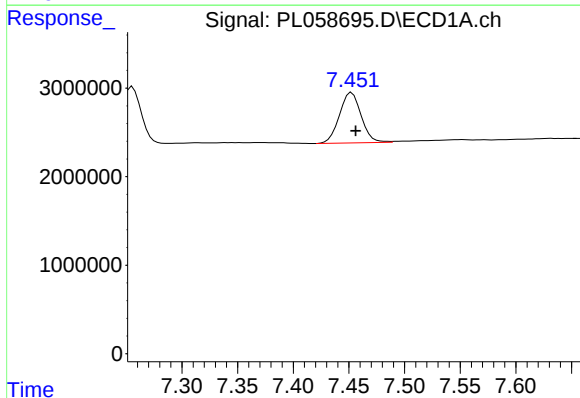
R.T.: 7.256 min  
Delta R.T.: -0.003 min  
Response: 7897163  
Conc: 5.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



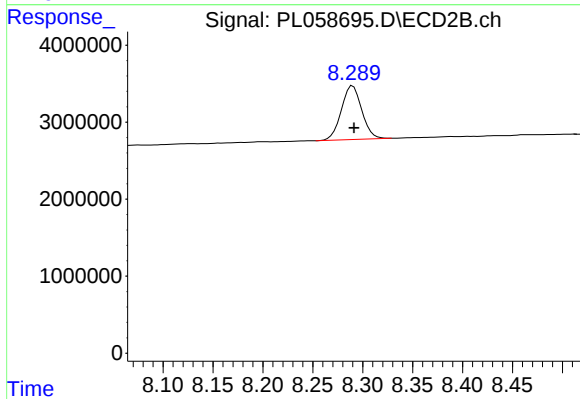
#21 Endrin ketone

R.T.: 7.833 min  
Delta R.T.: -0.002 min  
Response: 11549227  
Conc: 5.73 ng/ml



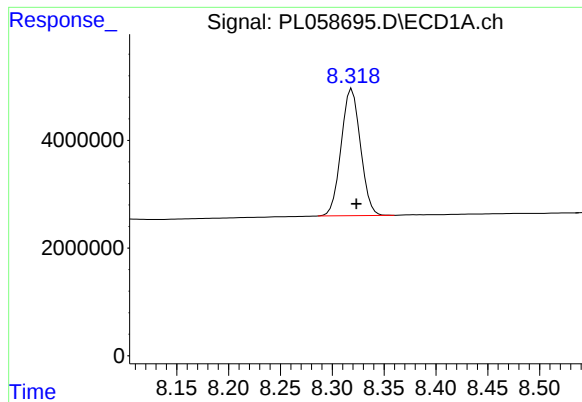
#22 Mirex

R.T.: 7.453 min  
Delta R.T.: -0.004 min  
Response: 7747015  
Conc: 6.34 ng/ml



#22 Mirex

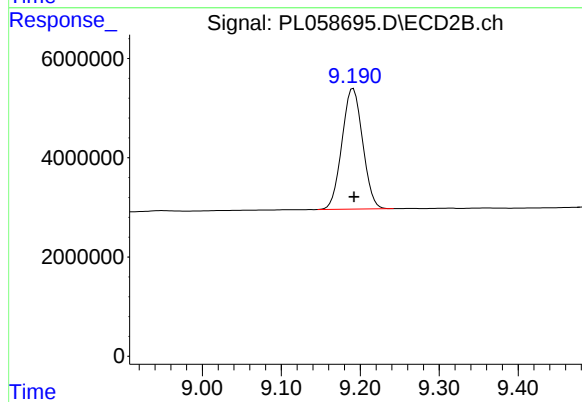
R.T.: 8.290 min  
Delta R.T.: -0.001 min  
Response: 9910091  
Conc: 6.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.319 min  
Delta R.T.: -0.004 min  
Response: 30572768  
Conc: 23.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
LOQ-WATER-02-QT2-2020



#28 Decachlorobiphenyl

R.T.: 9.191 min  
Delta R.T.: -0.001 min  
Response: 44294762  
Conc: 25.06 ng/ml