

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100323\  
 Data File : PD078557.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 00:55  
 Operator : AR\AJ  
 Sample : 04668-01  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 RBR200045

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 01:32:19 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 01:10:04 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.541  | 2.759  | 20768632 | 13868299 | 7.194  | 6.790    |
| 2)                          | SA Decachlor... | 9.077  | 7.893  | 41396883 | 22720072 | 11.163 | 10.013   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.003  | 3.277f | 1258931  | 6624093  | 0.259  | 2.210 #  |
| 3)                          | MA gamma-BHC... | 4.322  | 3.586  | 417136   | -124662  | 0.089  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.927  | 3.946f | 850385   | 3674543  | 0.181  | 1.245 #  |
| 5)                          | MB Aldrin       | 5.254  | 4.193  | 2610591  | 2938494  | 0.540  | 0.990 #  |
| 6)                          | B beta-BHC      | 4.561f | 3.860f | 1754699  | 6429115  | 0.945  | 5.563 #  |
| 7)                          | B delta-BHC     | 4.761  | 0.000  | 1291817  | 0        | 0.287  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.071  | 0        | 922291   | N.D.   | 0.367 #  |
| 10)                         | B gamma-Chl...  | 5.950  | 4.971  | 1471019  | 1214294  | 0.350  | 0.452 #  |
| 11)                         | B alpha-Chl...  | 6.040  | 5.021  | 472677   | 1045672  | 0.112  | 0.389 #  |
| 12)                         | B 4,4'-DDE      | 6.200  | 5.215  | 178553   | 43615    | 0.045  | 0.017 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.325f | 0        | 316615   | N.D.   | 0.113 #  |
| 14)                         | MA Endrin       | 6.582  | 5.611  | 79733    | 49437    | 0.024  | 0.020    |
| 15)                         | B Endosulfa...  | 6.779f | 5.931f | 504887   | 332669   | 0.140  | 0.140    |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.760  | 74520    | 455247   | 0.025  | 0.230 #  |
| 17)                         | MA 4,4'-DDT     | 7.004f | 6.018  | 168533   | 182340   | 0.057  | 0.090 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.302  | 0        | 857024   | N.D.   | 0.386 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.620f | 0        | 26176    | N.D.   | 0.024 #  |
| 21)                         | B Endrin ke...  | 7.627f | 6.828  | 50864    | 332882   | 0.014  | 0.127 #  |
| 23)                         | Chlordane-1     | 4.702  | 3.764  | 5432640  | 6778866  | 41.298 | 93.202 # |
| 24)                         | Chlordane-2     | 5.254f | 4.325  | 2610591  | 2257268  | 18.306 | 29.149 # |
| 25)                         | Chlordane-3     | 5.950  | 4.971  | 1471019  | 1214294  | 2.514  | 4.713 #  |
| 26)                         | Chlordane-4     | 6.040  | 5.021  | 472677   | 1045672  | 0.668  | 4.164 #  |
| 27)                         | Chlordane-5     | 6.888  | 5.931  | -19794   | 332669   | N.D.   | 3.871    |
| -----                       |                 |        |        |          |          |        |          |

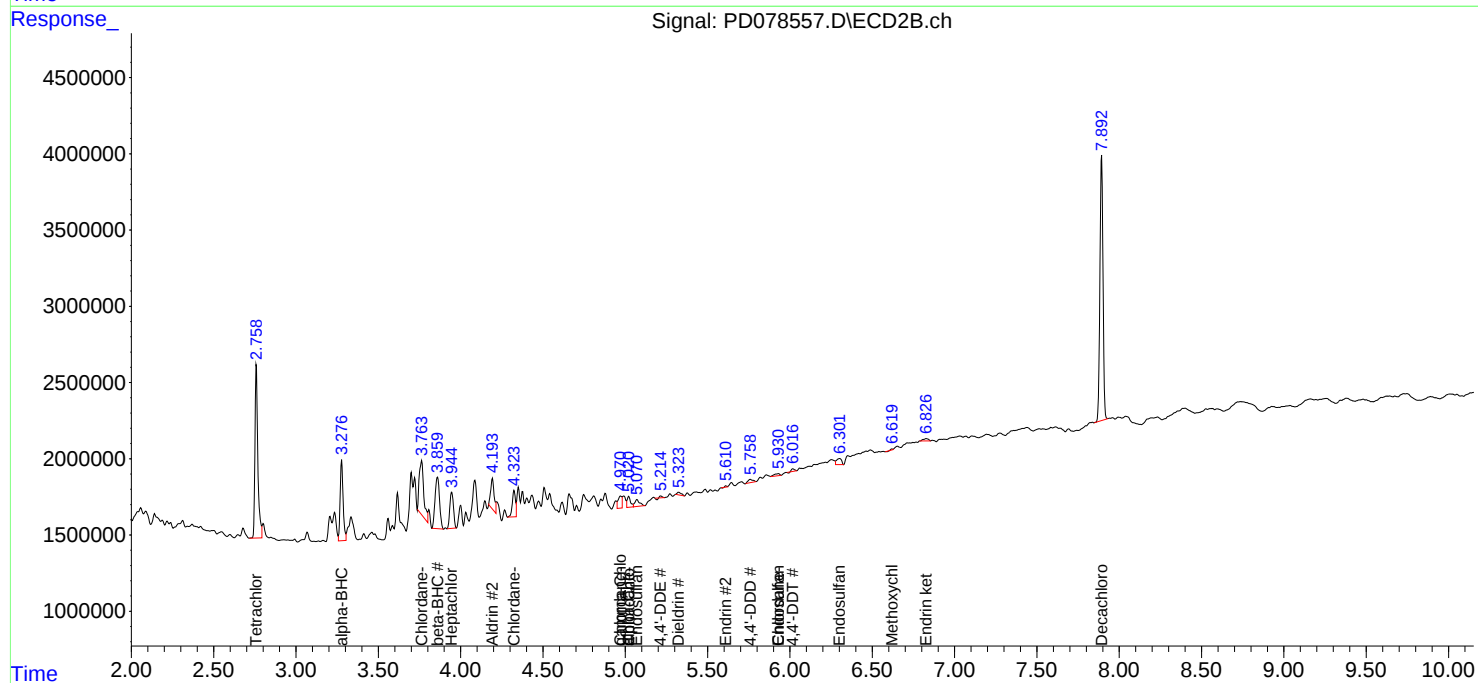
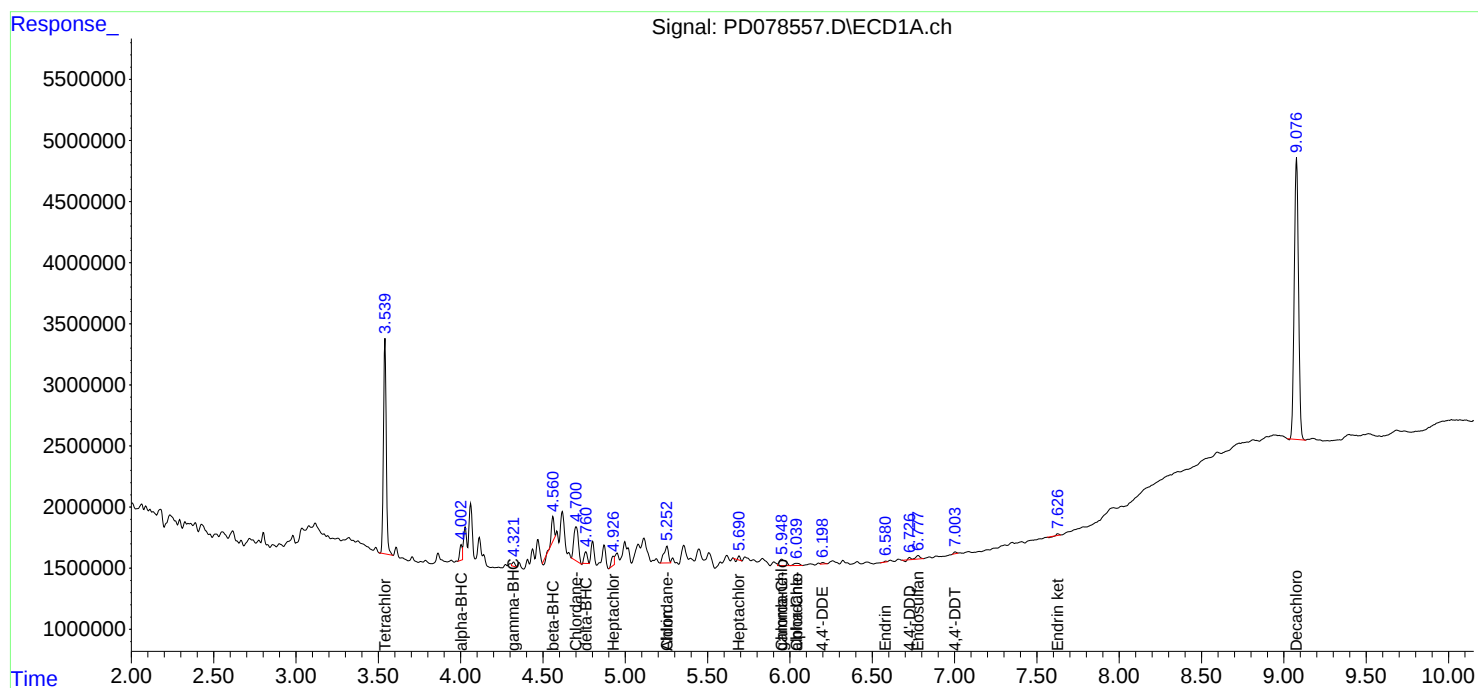
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

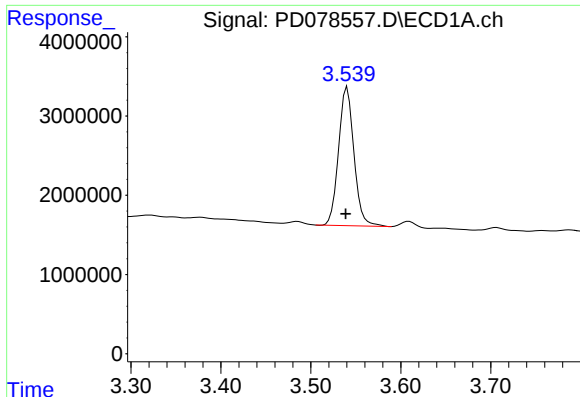
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100323\  
Data File : PD078557.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2023 00:55  
Operator : AR\AJ  
Sample : 04668-01  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 03 01:32:19 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 03 01:10:04 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

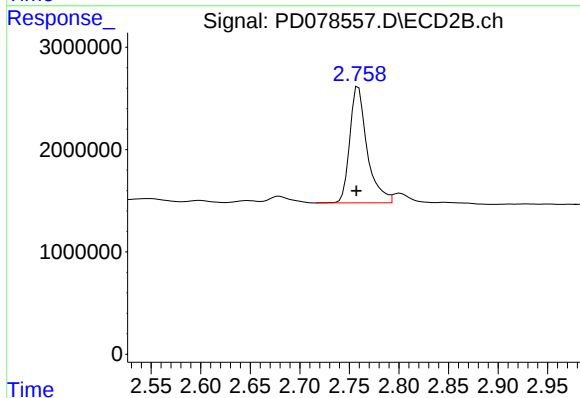




#1 Tetrachloro-m-xylene

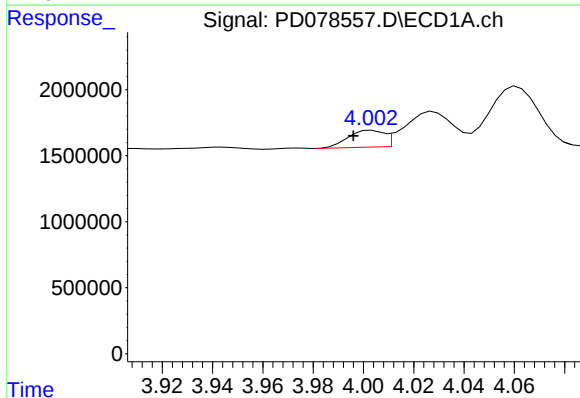
R.T.: 3.541 min  
Delta R.T.: 0.002 min  
Response: 20768632  
Conc: 7.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



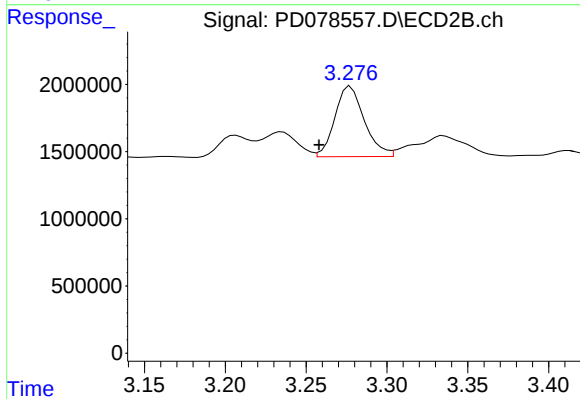
#1 Tetrachloro-m-xylene

R.T.: 2.759 min  
Delta R.T.: 0.002 min  
Response: 13868299  
Conc: 6.79 ng/ml



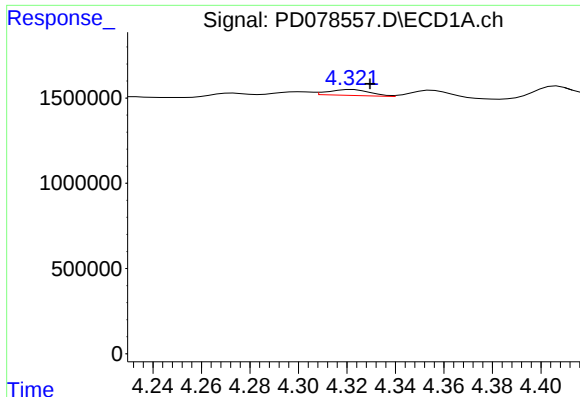
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: 0.007 min  
Response: 1258931  
Conc: 0.26 ng/ml



#2 alpha-BHC

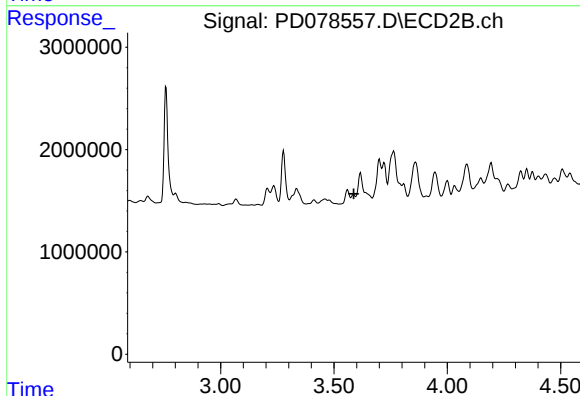
R.T.: 3.277 min  
Delta R.T.: 0.019 min  
Response: 6624093  
Conc: 2.21 ng/ml



#3 gamma-BHC (Lindane)

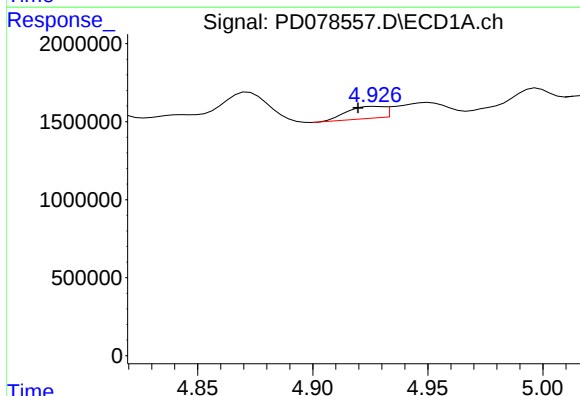
R.T.: 4.322 min  
Delta R.T.: -0.007 min  
Response: 417136  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



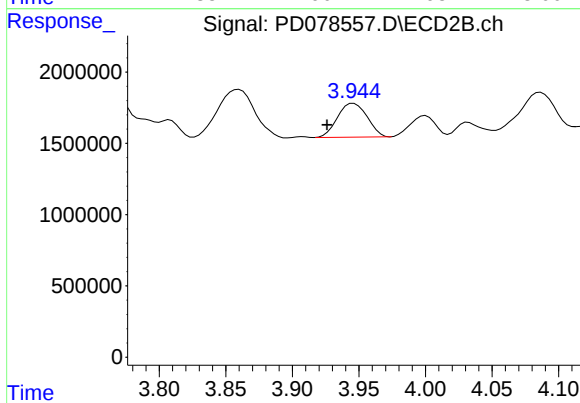
#3 gamma-BHC (Lindane)

R.T.: 3.586 min  
Delta R.T.: -0.001 min  
Response: -124662  
Conc: N.D.



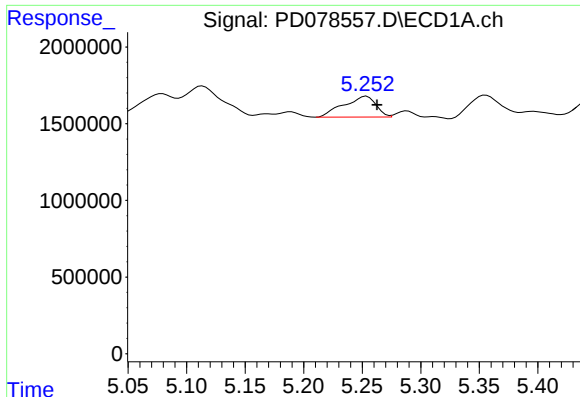
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.008 min  
Response: 850385  
Conc: 0.18 ng/ml



#4 Heptachlor

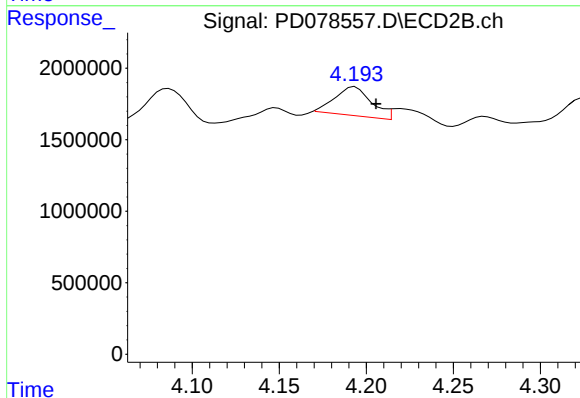
R.T.: 3.946 min  
Delta R.T.: 0.020 min  
Response: 3674543  
Conc: 1.25 ng/ml



#5 Aldrin

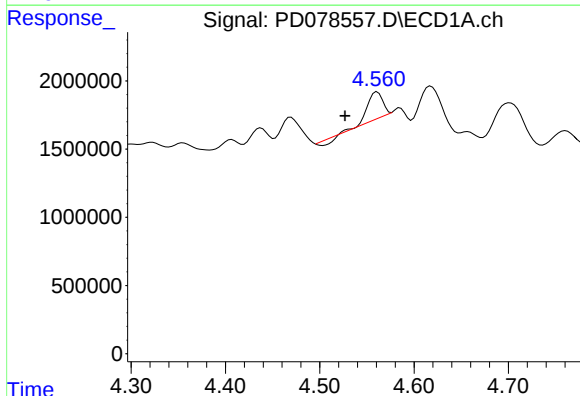
R.T.: 5.254 min  
Delta R.T.: -0.009 min  
Response: 2610591  
Conc: 0.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



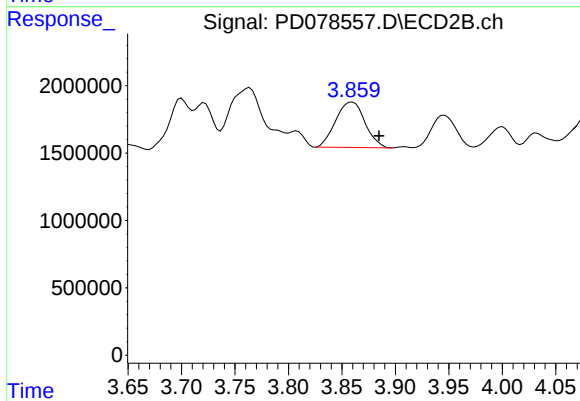
#5 Aldrin

R.T.: 4.193 min  
Delta R.T.: -0.012 min  
Response: 2938494  
Conc: 0.99 ng/ml



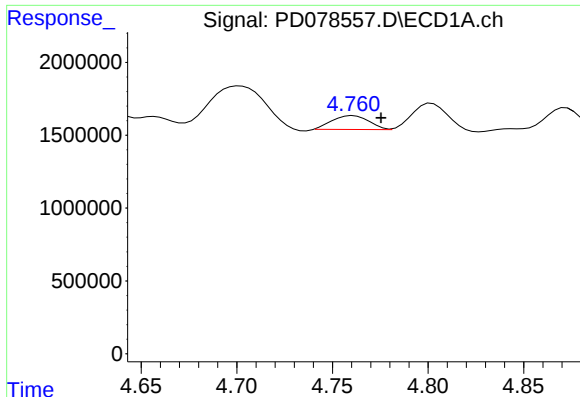
#6 beta-BHC

R.T.: 4.561 min  
Delta R.T.: 0.034 min  
Response: 1754699  
Conc: 0.94 ng/ml



#6 beta-BHC

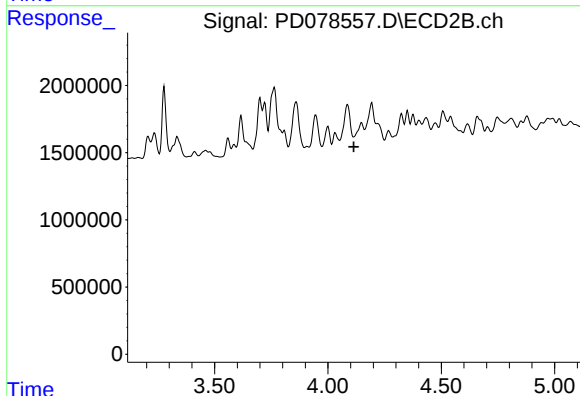
R.T.: 3.860 min  
Delta R.T.: -0.025 min  
Response: 6429115  
Conc: 5.56 ng/ml



#7 delta-BHC

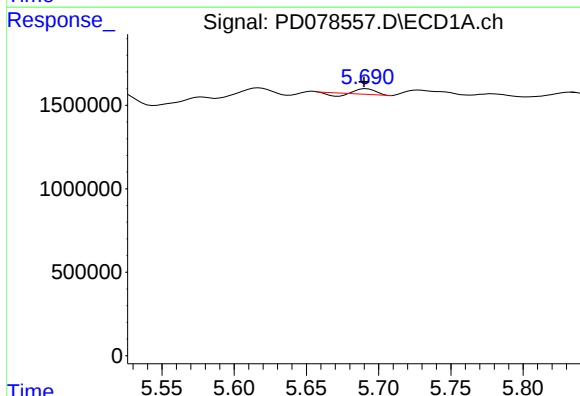
R.T.: 4.761 min  
Delta R.T.: -0.015 min  
Response: 1291817  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



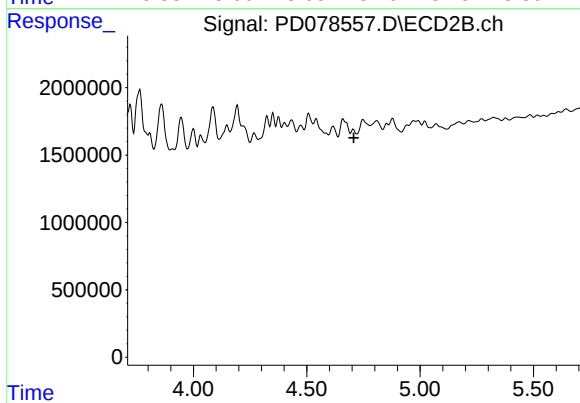
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.114 min  
Response: 0  
Conc: N.D.



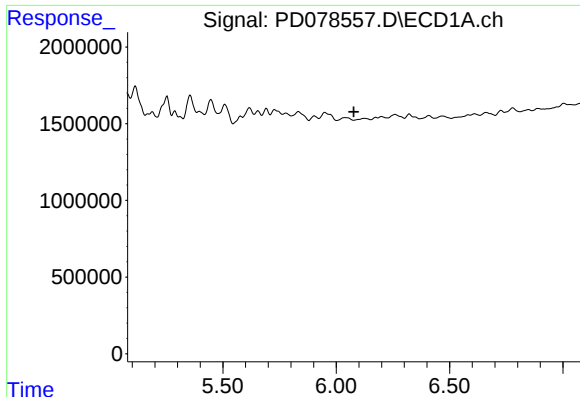
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: 0.002 min  
Response: 209781  
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

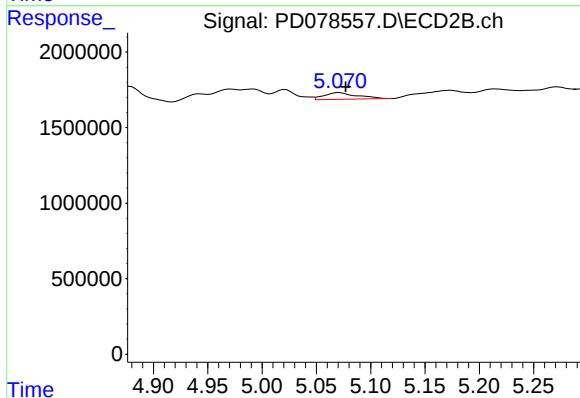
R.T.: 4.705 min  
Delta R.T.: -0.002 min  
Response: -264524  
Conc: N.D.



#9 Endosulfan I

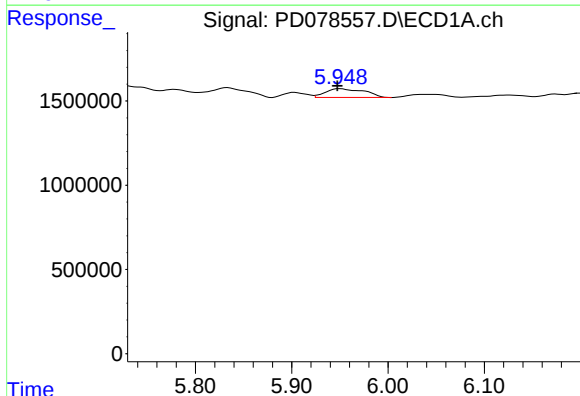
R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



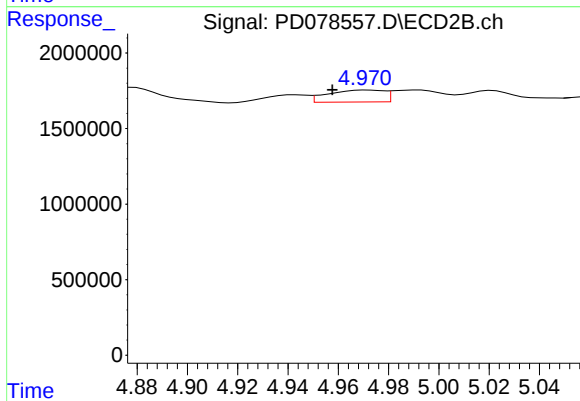
#9 Endosulfan I

R.T.: 5.071 min  
Delta R.T.: -0.006 min  
Response: 922291  
Conc: 0.37 ng/ml



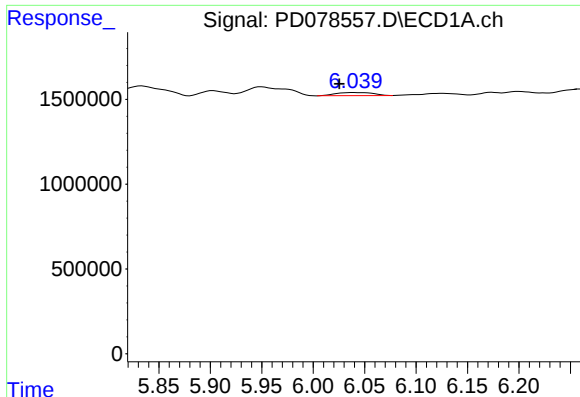
#10 gamma-Chlordane

R.T.: 5.950 min  
Delta R.T.: 0.003 min  
Response: 1471019  
Conc: 0.35 ng/ml



#10 gamma-Chlordane

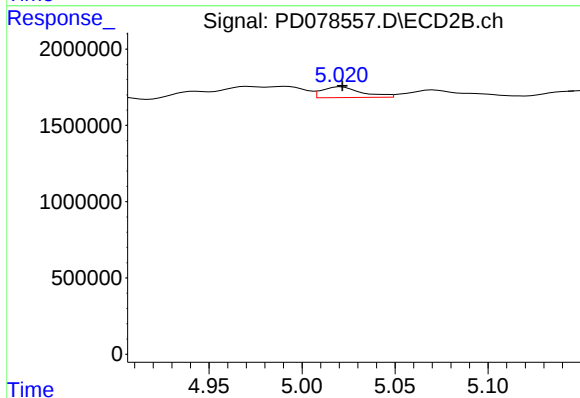
R.T.: 4.971 min  
Delta R.T.: 0.014 min  
Response: 1214294  
Conc: 0.45 ng/ml



#11 alpha-Chlordane

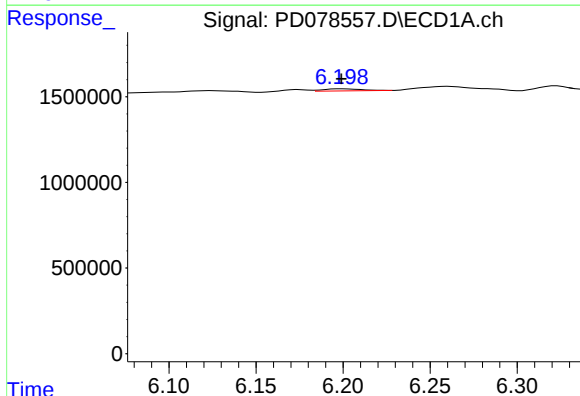
R.T.: 6.040 min  
Delta R.T.: 0.014 min  
Response: 472677  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



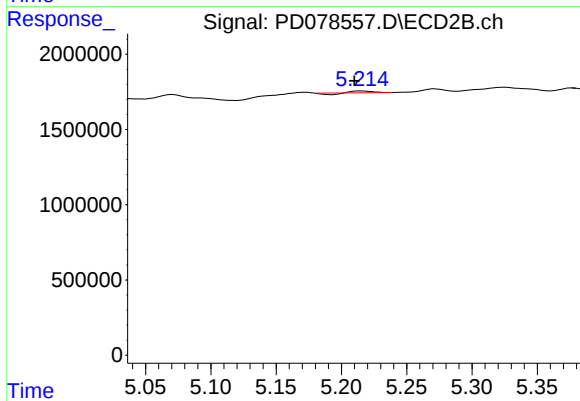
#11 alpha-Chlordane

R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 1045672  
Conc: 0.39 ng/ml



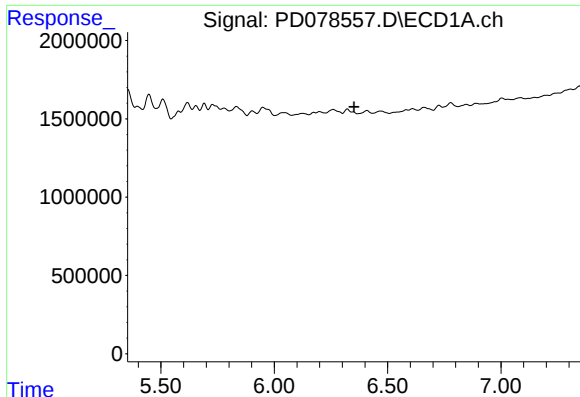
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 178553  
Conc: 0.04 ng/ml



#12 4,4'-DDE

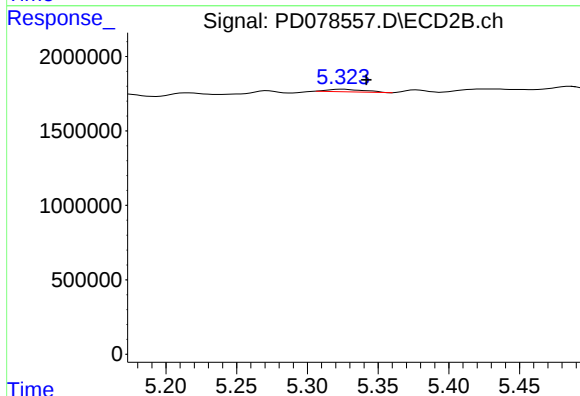
R.T.: 5.215 min  
Delta R.T.: 0.005 min  
Response: 43615  
Conc: 0.02 ng/ml



#13 Dieldrin

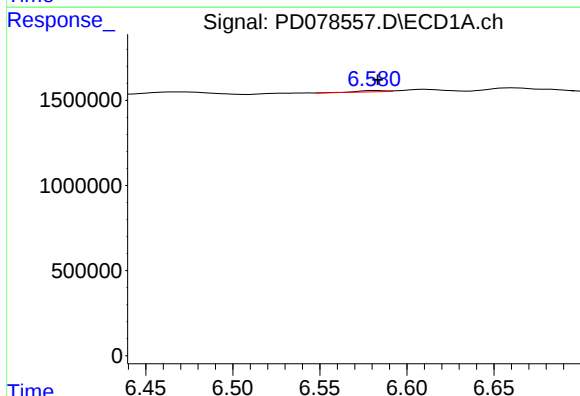
R.T.: 0.000 min  
Exp R.T.: 6.353 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



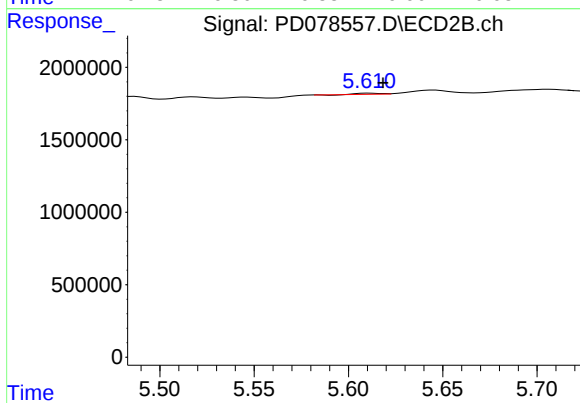
#13 Dieldrin

R.T.: 5.325 min  
Delta R.T.: -0.017 min  
Response: 316615  
Conc: 0.11 ng/ml



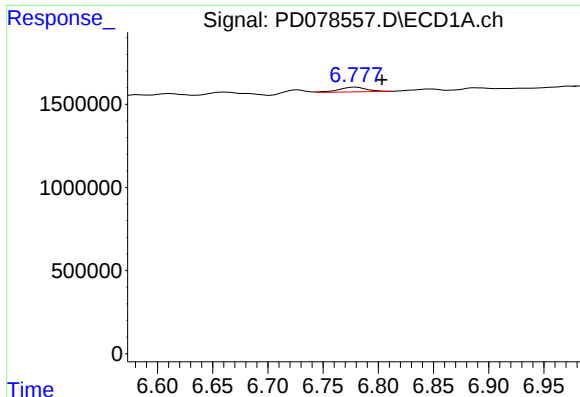
#14 Endrin

R.T.: 6.582 min  
Delta R.T.: -0.001 min  
Response: 79733  
Conc: 0.02 ng/ml



#14 Endrin

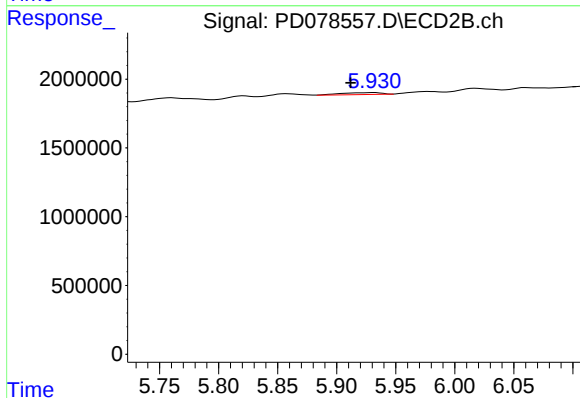
R.T.: 5.611 min  
Delta R.T.: -0.007 min  
Response: 49437  
Conc: 0.02 ng/ml



#15 Endosulfan II

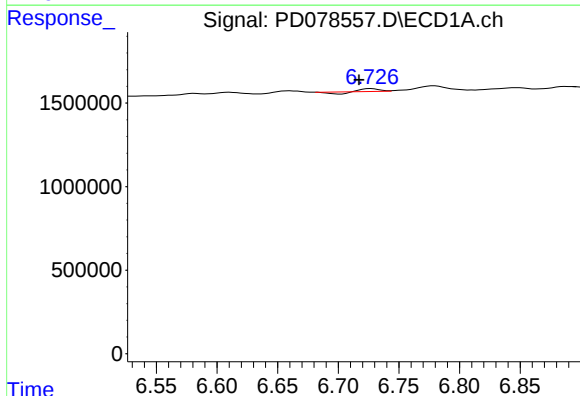
R.T.: 6.779 min  
Delta R.T.: -0.024 min  
Response: 504887  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



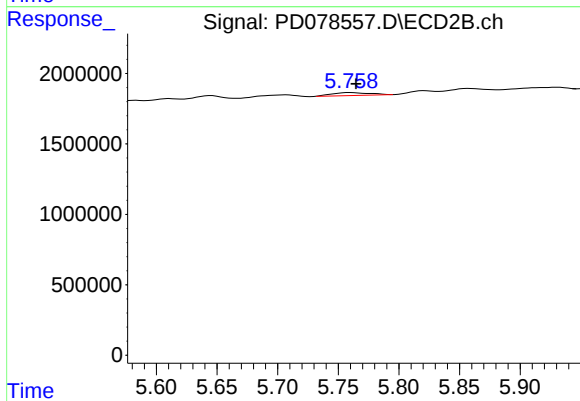
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: 0.019 min  
Response: 332669  
Conc: 0.14 ng/ml



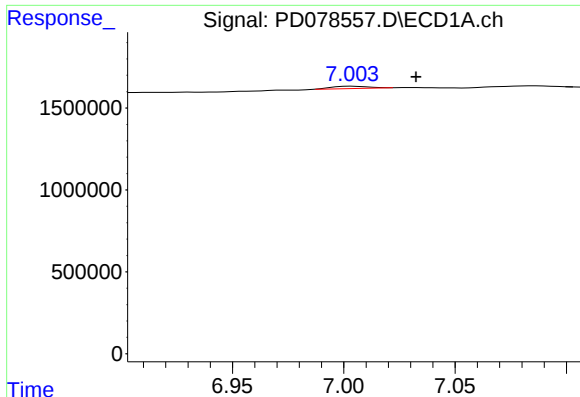
#16 4,4'-DDD

R.T.: 6.727 min  
Delta R.T.: 0.010 min  
Response: 74520  
Conc: 0.03 ng/ml



#16 4,4'-DDD

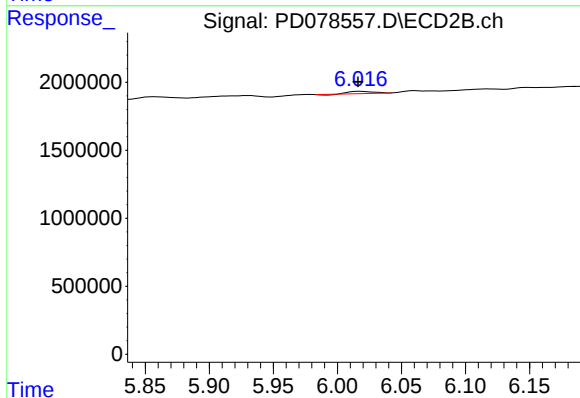
R.T.: 5.760 min  
Delta R.T.: -0.005 min  
Response: 455247  
Conc: 0.23 ng/ml



#17 4,4'-DDT

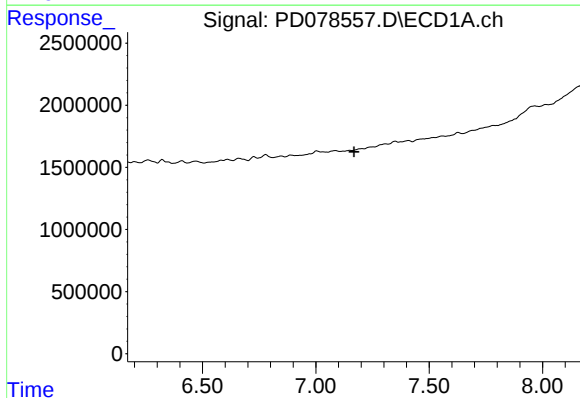
R.T.: 7.004 min  
Delta R.T.: -0.029 min  
Response: 168533  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



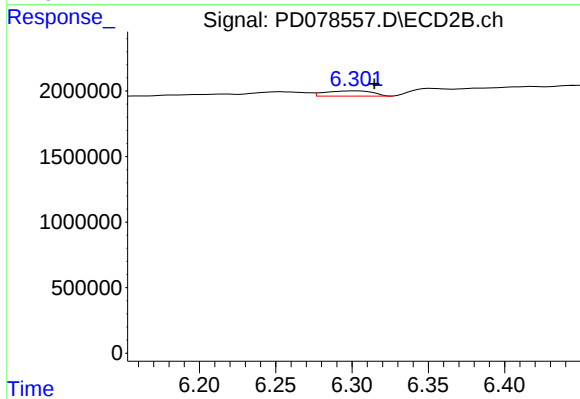
#17 4,4'-DDT

R.T.: 6.018 min  
Delta R.T.: 0.002 min  
Response: 182340  
Conc: 0.09 ng/ml



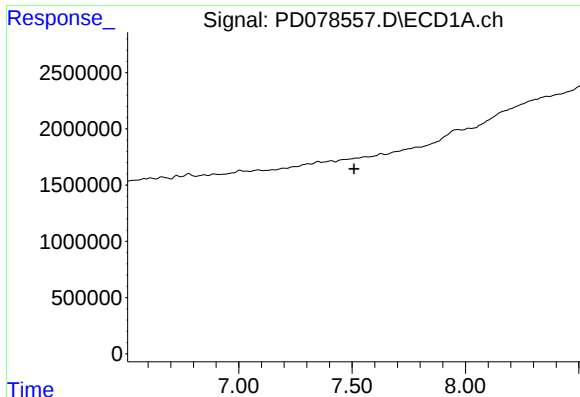
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.169 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

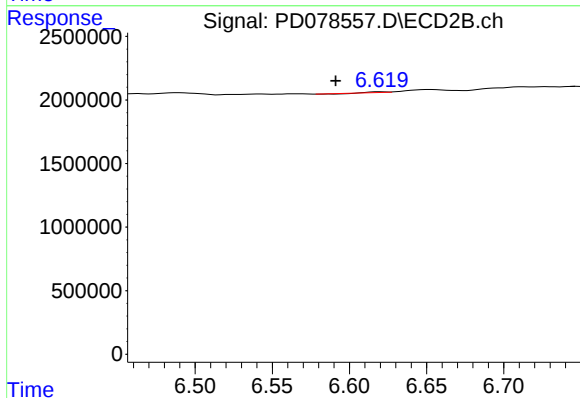
R.T.: 6.302 min  
Delta R.T.: -0.012 min  
Response: 857024  
Conc: 0.39 ng/ml



#20 Methoxychlor

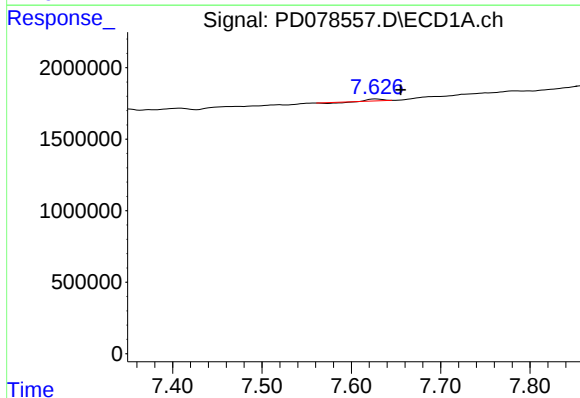
R.T.: 0.000 min  
Exp R.T.: 7.508 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



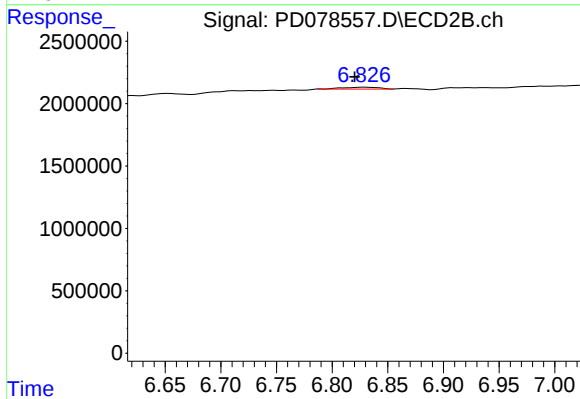
#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: 0.029 min  
Response: 26176  
Conc: 0.02 ng/ml



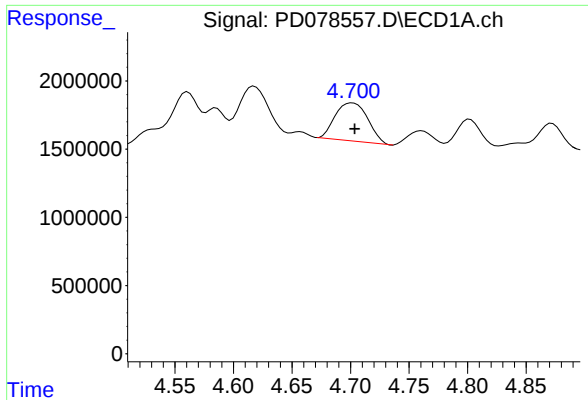
#21 Endrin ketone

R.T.: 7.627 min  
Delta R.T.: -0.028 min  
Response: 50864  
Conc: 0.01 ng/ml



#21 Endrin ketone

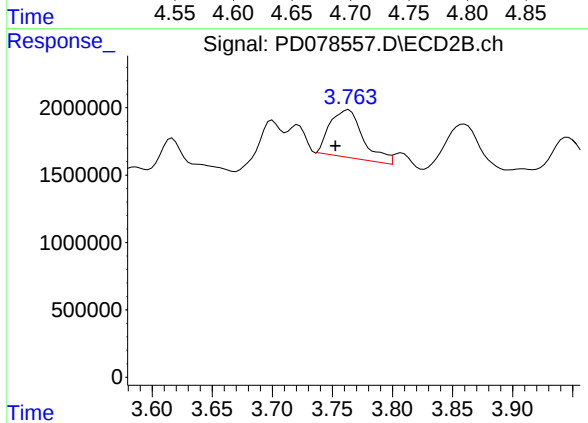
R.T.: 6.828 min  
Delta R.T.: 0.008 min  
Response: 332882  
Conc: 0.13 ng/ml



#23 Chlordane-1

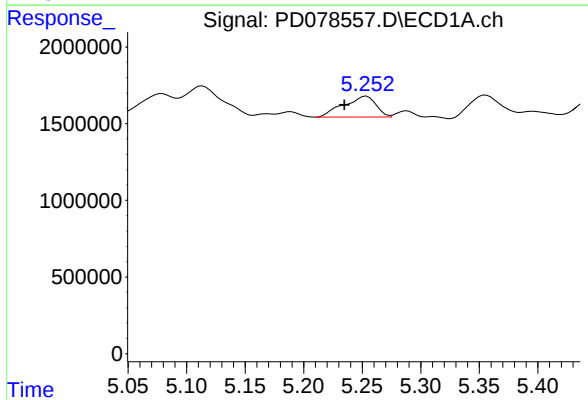
R.T.: 4.702 min  
Delta R.T.: -0.002 min  
Response: 5432640  
Conc: 41.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



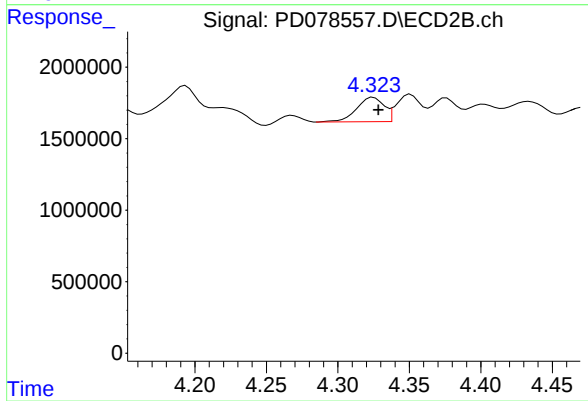
#23 Chlordane-1

R.T.: 3.764 min  
Delta R.T.: 0.011 min  
Response: 6778866  
Conc: 93.20 ng/ml



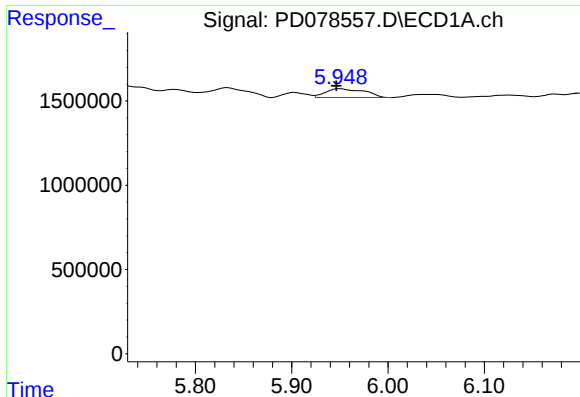
#24 Chlordane-2

R.T.: 5.254 min  
Delta R.T.: 0.019 min  
Response: 2610591  
Conc: 18.31 ng/ml



#24 Chlordane-2

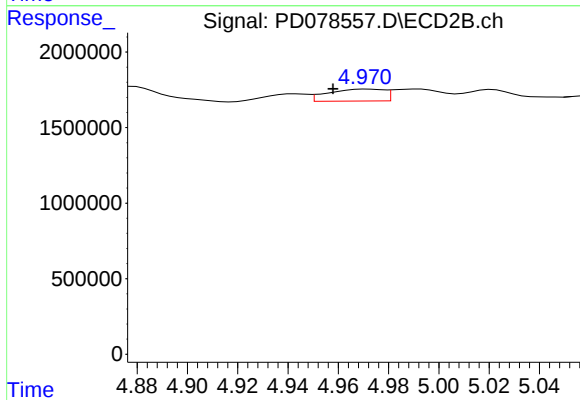
R.T.: 4.325 min  
Delta R.T.: -0.004 min  
Response: 2257268  
Conc: 29.15 ng/ml



#25 Chlordane-3

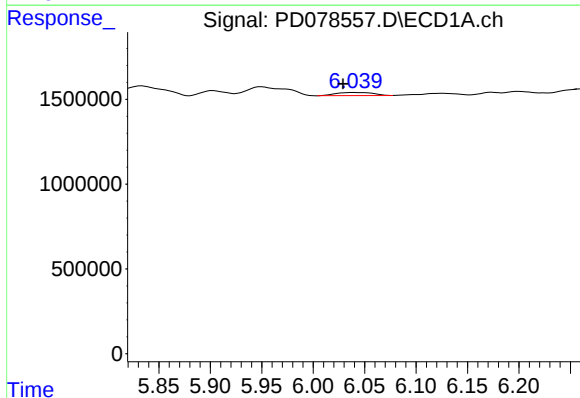
R.T.: 5.950 min  
Delta R.T.: 0.003 min  
Response: 1471019  
Conc: 2.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



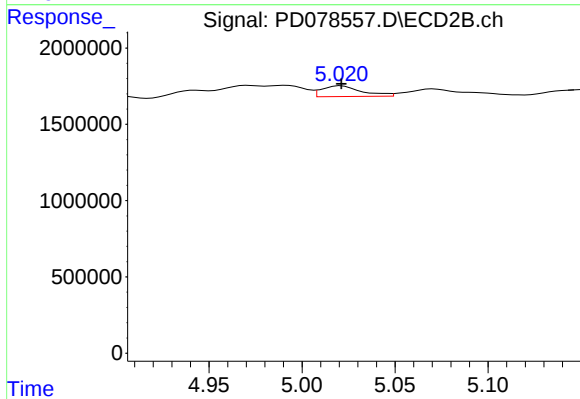
#25 Chlordane-3

R.T.: 4.971 min  
Delta R.T.: 0.013 min  
Response: 1214294  
Conc: 4.71 ng/ml



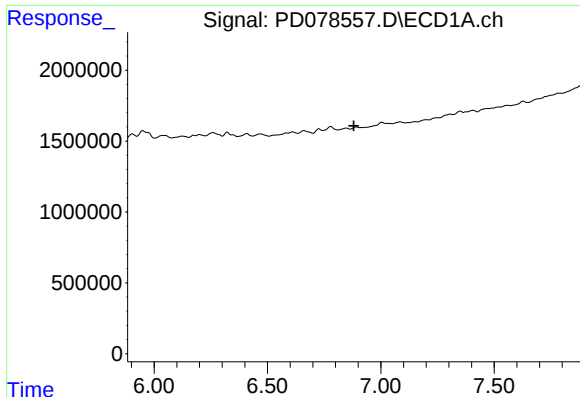
#26 Chlordane-4

R.T.: 6.040 min  
Delta R.T.: 0.011 min  
Response: 472677  
Conc: 0.67 ng/ml



#26 Chlordane-4

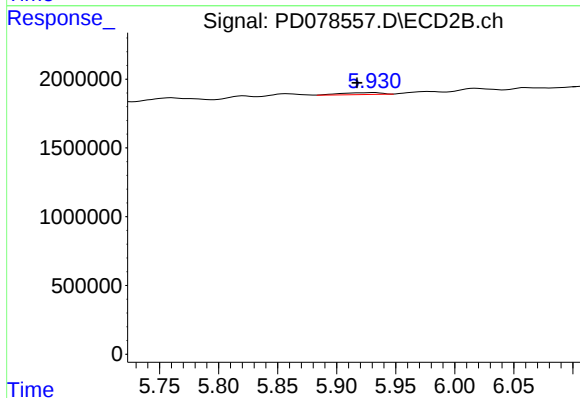
R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 1045672  
Conc: 4.16 ng/ml



#27 Chlordane-5

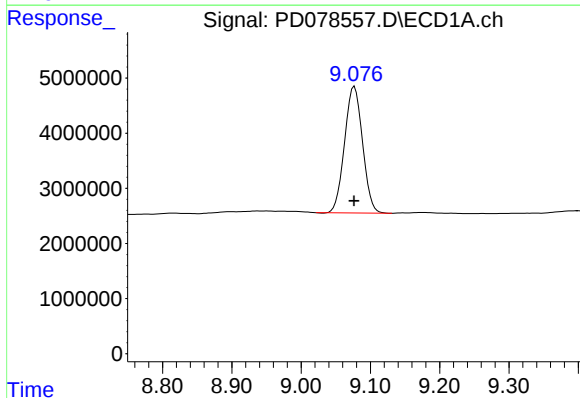
R.T.: 6.888 min  
Delta R.T.: 0.007 min  
Response: -19794  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
RBR200045



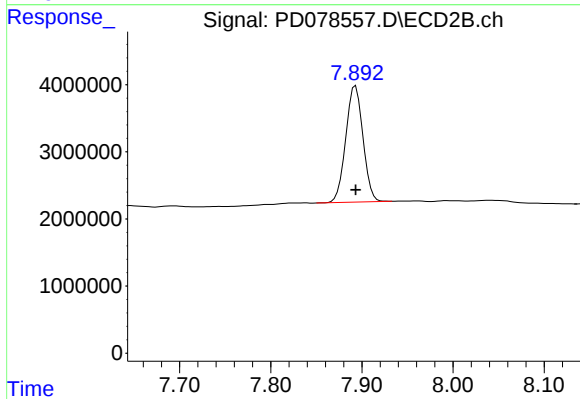
#27 Chlordane-5

R.T.: 5.931 min  
Delta R.T.: 0.014 min  
Response: 332669  
Conc: 3.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min  
Delta R.T.: 0.000 min  
Response: 41396883  
Conc: 11.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.893 min  
Delta R.T.: 0.000 min  
Response: 22720072  
Conc: 10.01 ng/ml