

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011819\  
 Data File : PD051110.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Jan 2019 19:30  
 Operator : AJ\SJ  
 Sample : K1173-02  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 RBR-200052

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 18 22:07:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 10 03:41:46 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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... | 3.225 | 4.045  | 40021633 | 569.9E6  | 26.795 | 19.149 # |
| 28)                         | SA Decachlor... | 7.828 | 9.157  | 19448210 | 221.6E6  | 16.023 | 11.103 # |
| Target Compounds            |                 |       |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.645 | 4.418  | 950941   | 31234910 | 0.395  | 0.685 #  |
| 3)                          | MA gamma-BHC... | 3.913 | 4.717  | 3245199  | 19189896 | 1.376  | 0.462 #  |
| 4)                          | MA Heptachlor   | 4.192 | 5.244  | 1887496  | 36666187 | 0.788  | 0.899    |
| 5)                          | MB Aldrin       | 4.422 | 5.543  | 975554   | 16903972 | 0.411  | 0.432    |
| 6)                          | B beta-BHC      | 4.161 | 4.918  | 1965392  | 22315464 | 2.076  | 1.233 #  |
| 8)                          | B Heptachlo...  | 4.853 | 5.924  | 899510   | 31984458 | 0.400  | 0.917 #  |
| 9)                          | A Endosulfan I  | 5.172 | 6.357f | 936494   | -1466189 | 0.439  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.071 | 6.176  | 1496943  | 33413541 | 0.639  | 0.962 #  |
| 11)                         | B alpha-Chl...  | 5.124 | 6.201f | 973490   | 90371112 | 0.421  | 2.666 #  |
| 12)                         | B 4,4'-DDE      | 5.296 | 6.391  | 1036743  | 5846383  | 0.480  | 0.177 #  |
| 13)                         | MA Dieldrin     | 5.406 | 6.549  | 772275   | 10341770 | 0.330  | 0.310    |
| 14)                         | MA Endrin       | 5.657 | 6.705f | 959314   | 22448434 | 0.438  | 0.797 #  |
| 15)                         | B Endosulfa...  | 5.926 | 6.973  | 481129   | 126.6E6  | 0.241  | 4.627 #  |
| 16)                         | A 4,4'-DDD      | 5.795 | 0.000  | 2624664  | 0        | 1.486  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.025 | 0.000  | 1168651  | 0        | 0.621  | N.D. #   |
| 18)                         | B Endrin al...  | 6.095 | 7.056f | 380229   | 5470053  | 0.236  | 0.240    |
| 19)                         | B Endosulfa...  | 6.300 | 7.318  | 1837480  | 5978772  | 0.938  | 0.221 #  |
| 21)                         | B Endrin ke...  | 6.775 | 7.798  | 733224   | 6592664  | 0.344  | 0.259    |
| 24)                         | Chlordane-2     | 4.545 | 5.543  | 254625   | 16903972 | 3.203  | 12.599 # |
| 25)                         | Chlordane-3     | 5.071 | 6.176  | 1496943  | 33413541 | 6.020  | 7.699 #  |
| 26)                         | Chlordane-4     | 5.124 | 6.201  | 973490   | 90371112 | 4.045  | 18.276 # |
| 27)                         | Chlordane-5     | 5.926 | 7.056  | 481129   | 5470053  | 6.039  | 5.305    |
| -----                       |                 |       |        |          |          |        |          |

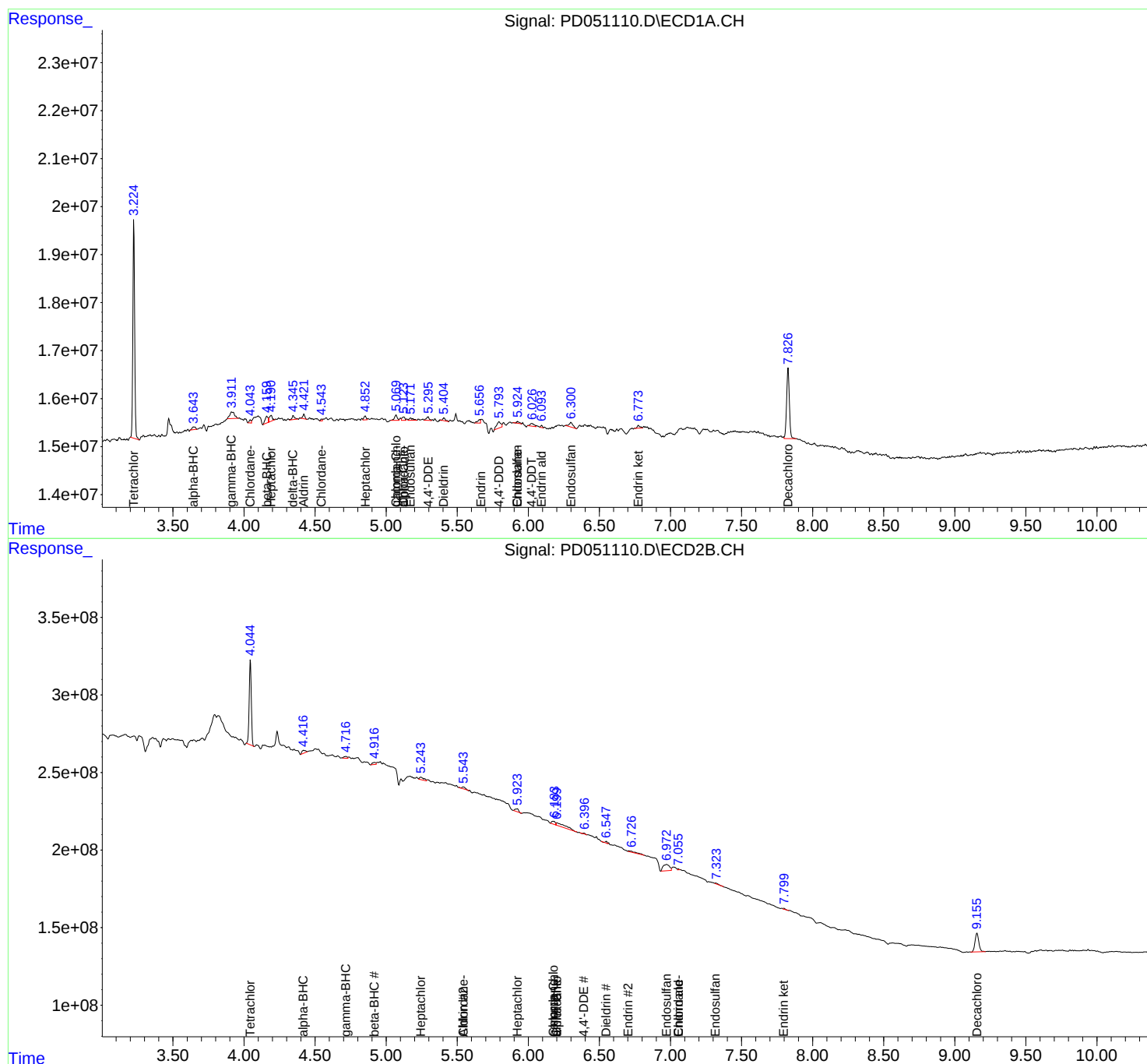
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

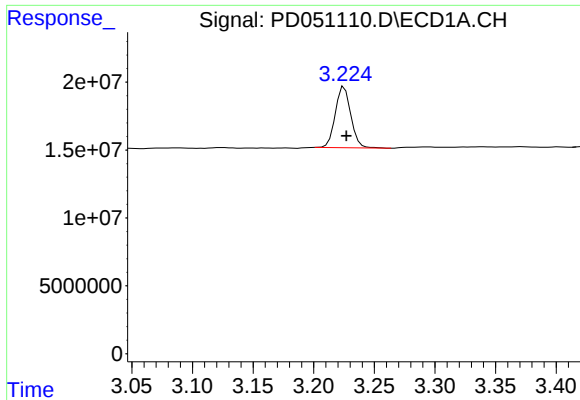
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011819\  
Data File : PD051110.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Jan 2019 19:30  
Operator : AJ\SJ  
Sample : K1173-02  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
RBR-200052

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 18 22:07:45 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 10 03:41:46 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

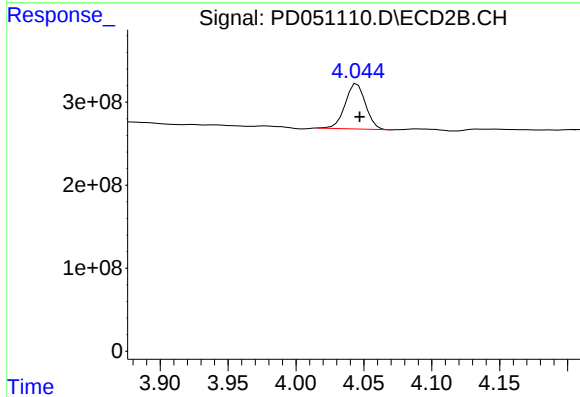




#1 Tetrachloro-m-xylene

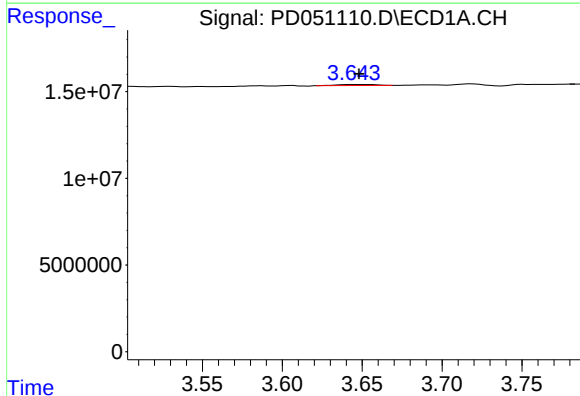
R.T.: 3.225 min  
Delta R.T.: -0.002 min  
Response: 40021633  
Conc: 26.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



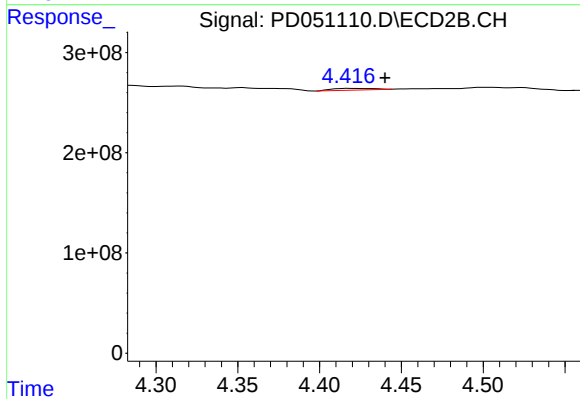
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.002 min  
Response: 569881393  
Conc: 19.15 ng/ml



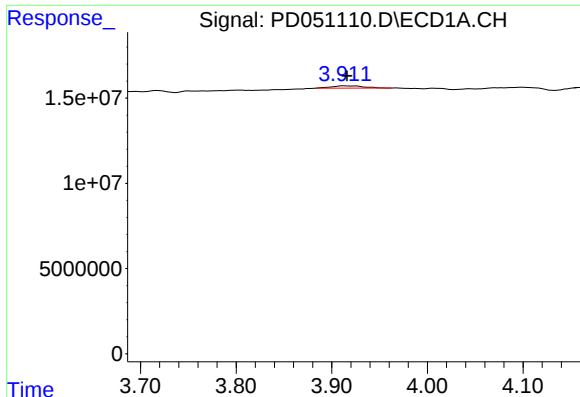
#2 alpha-BHC

R.T.: 3.645 min  
Delta R.T.: -0.003 min  
Response: 950941  
Conc: 0.40 ng/ml



#2 alpha-BHC

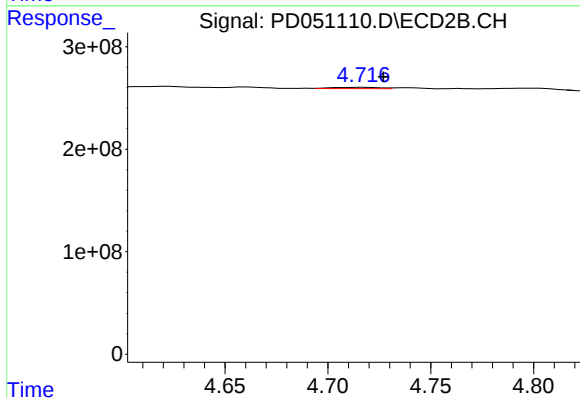
R.T.: 4.418 min  
Delta R.T.: -0.022 min  
Response: 31234910  
Conc: 0.69 ng/ml



#3 gamma-BHC (Lindane)

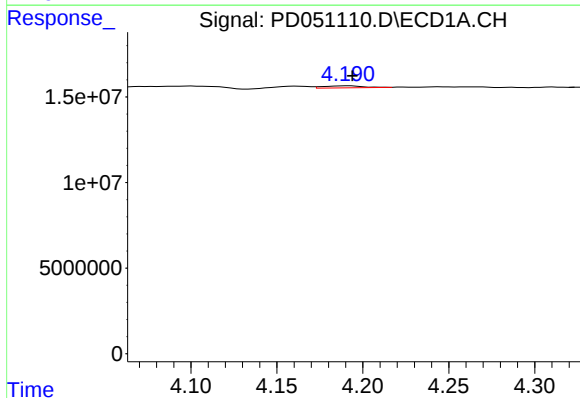
R.T.: 3.913 min  
Delta R.T.: -0.003 min  
Response: 3245199  
Conc: 1.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



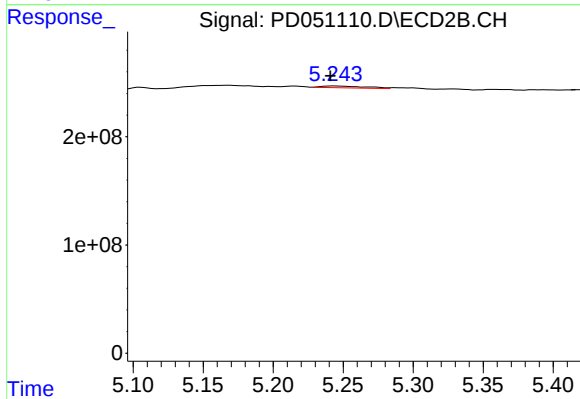
#3 gamma-BHC (Lindane)

R.T.: 4.717 min  
Delta R.T.: -0.010 min  
Response: 19189896  
Conc: 0.46 ng/ml



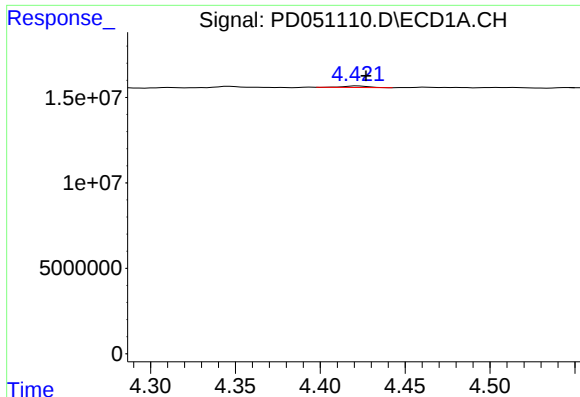
#4 Heptachlor

R.T.: 4.192 min  
Delta R.T.: -0.002 min  
Response: 1887496  
Conc: 0.79 ng/ml



#4 Heptachlor

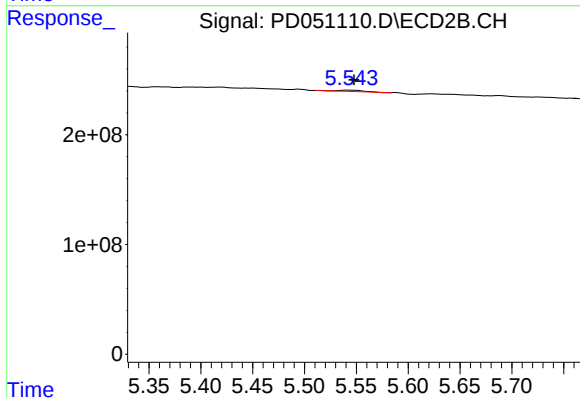
R.T.: 5.244 min  
Delta R.T.: 0.003 min  
Response: 36666187  
Conc: 0.90 ng/ml



#5 Aldrin

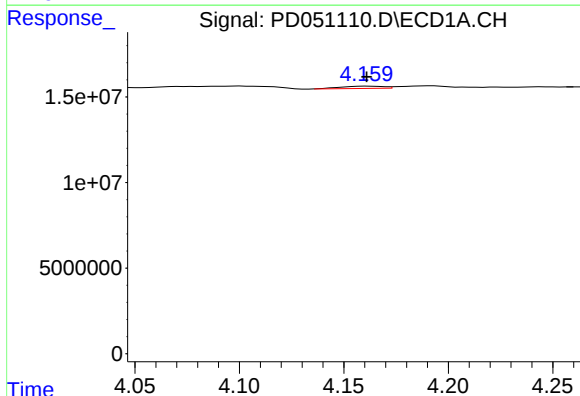
R.T.: 4.422 min  
Delta R.T.: -0.005 min  
Response: 975554  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



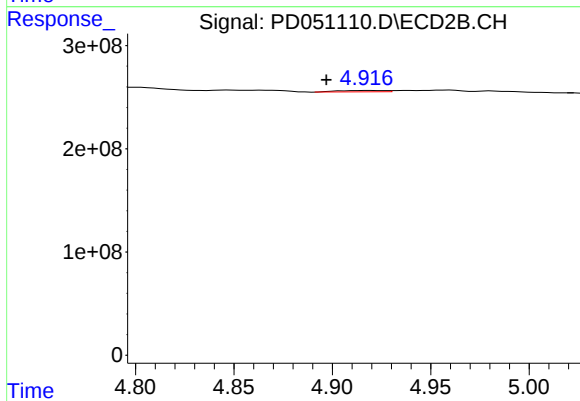
#5 Aldrin

R.T.: 5.543 min  
Delta R.T.: -0.005 min  
Response: 16903972  
Conc: 0.43 ng/ml



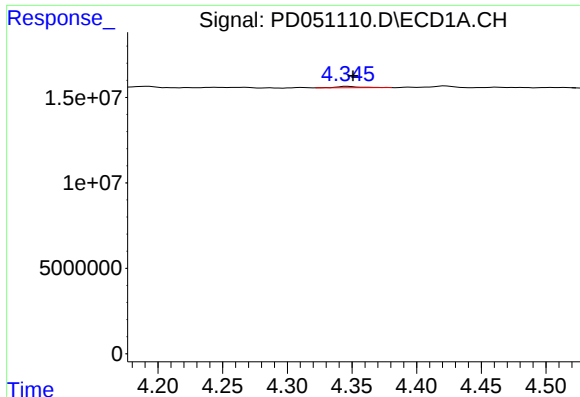
#6 beta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 1965392  
Conc: 2.08 ng/ml



#6 beta-BHC

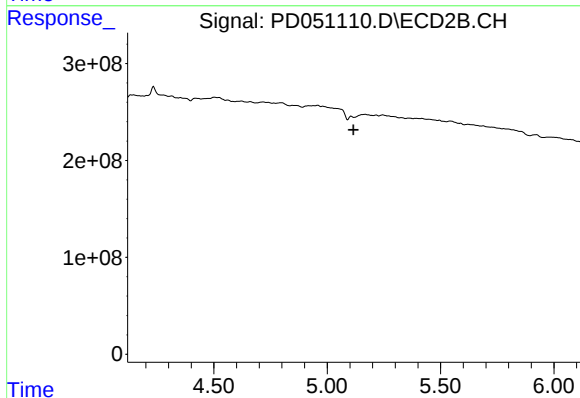
R.T.: 4.918 min  
Delta R.T.: 0.021 min  
Response: 22315464  
Conc: 1.23 ng/ml



#7 delta-BHC

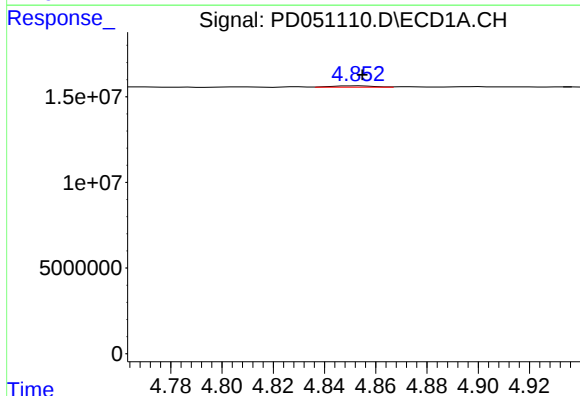
R.T.: 4.346 min  
Delta R.T.: -0.005 min  
Response: 1016581  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



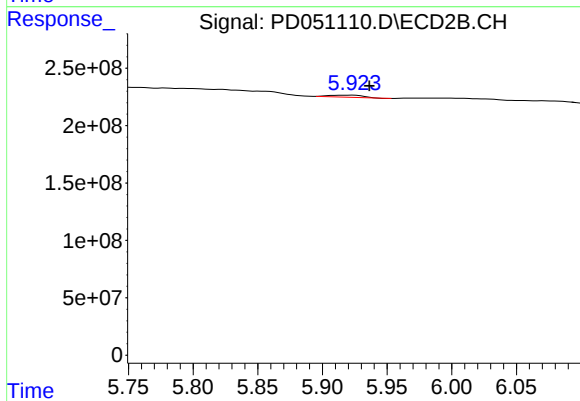
#7 delta-BHC

R.T.: 5.105 min  
Delta R.T.: -0.011 min  
Response: -18582740  
Conc: N.D.



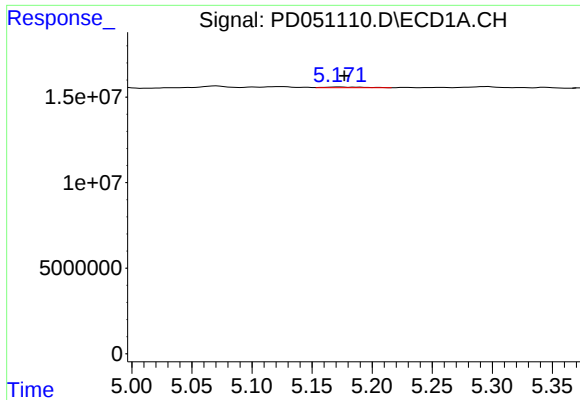
#8 Heptachlor epoxide

R.T.: 4.853 min  
Delta R.T.: -0.002 min  
Response: 899510  
Conc: 0.40 ng/ml



#8 Heptachlor epoxide

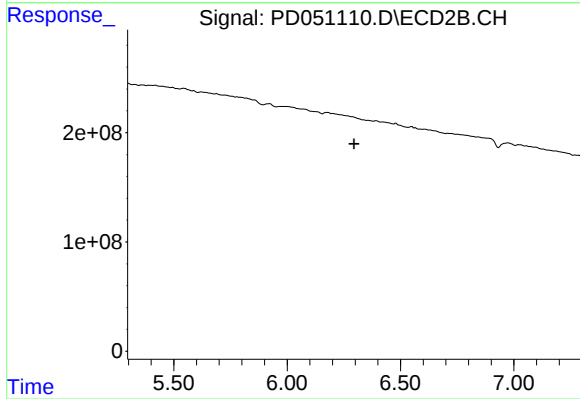
R.T.: 5.924 min  
Delta R.T.: -0.013 min  
Response: 31984458  
Conc: 0.92 ng/ml



#9 Endosulfan I

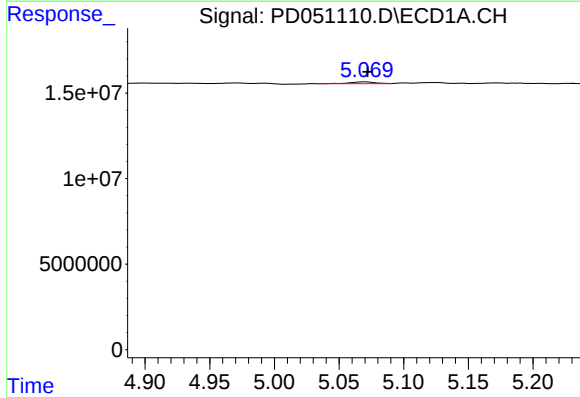
R.T.: 5.172 min  
Delta R.T.: -0.005 min  
Response: 936494  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



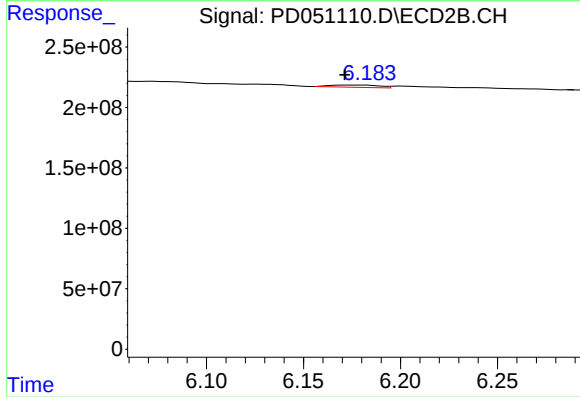
#9 Endosulfan I

R.T.: 6.357 min  
Delta R.T.: 0.062 min  
Response: -1466189  
Conc: N.D.



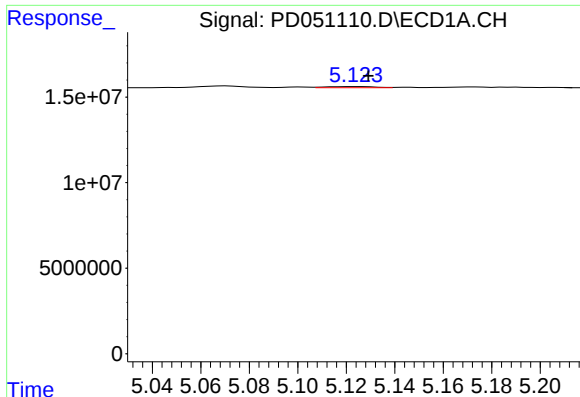
#10 gamma-Chlordane

R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 1496943  
Conc: 0.64 ng/ml



#10 gamma-Chlordane

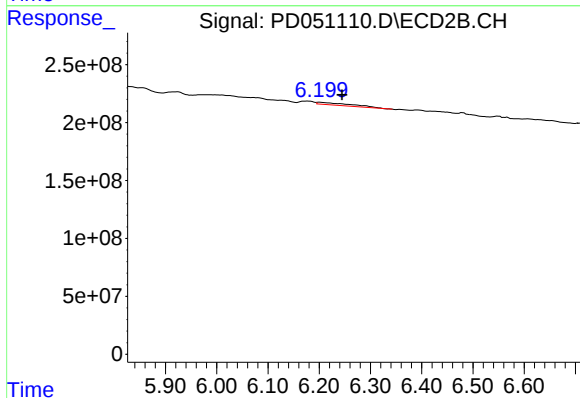
R.T.: 6.176 min  
Delta R.T.: 0.005 min  
Response: 33413541  
Conc: 0.96 ng/ml



#11 alpha-Chlordane

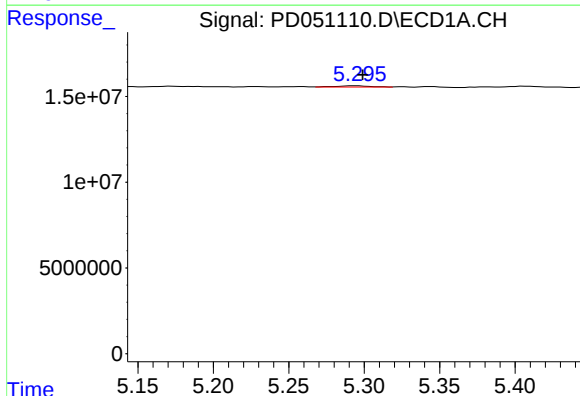
R.T.: 5.124 min  
Delta R.T.: -0.005 min  
Response: 973490  
Conc: 0.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



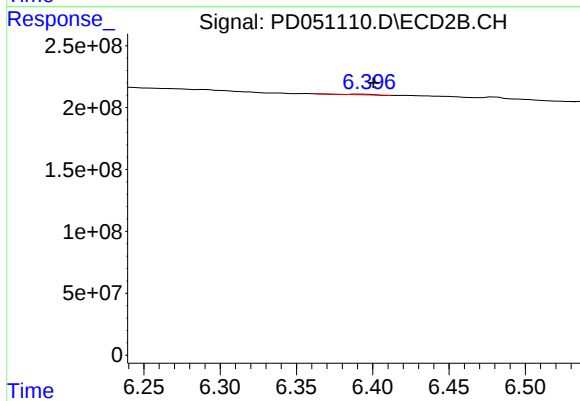
#11 alpha-Chlordane

R.T.: 6.201 min  
Delta R.T.: -0.044 min  
Response: 90371112  
Conc: 2.67 ng/ml



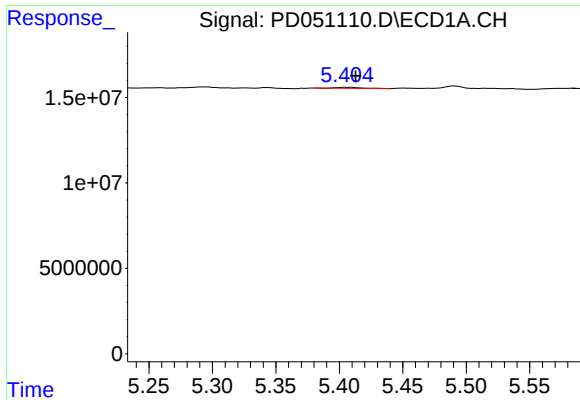
#12 4,4'-DDE

R.T.: 5.296 min  
Delta R.T.: -0.003 min  
Response: 1036743  
Conc: 0.48 ng/ml



#12 4,4'-DDE

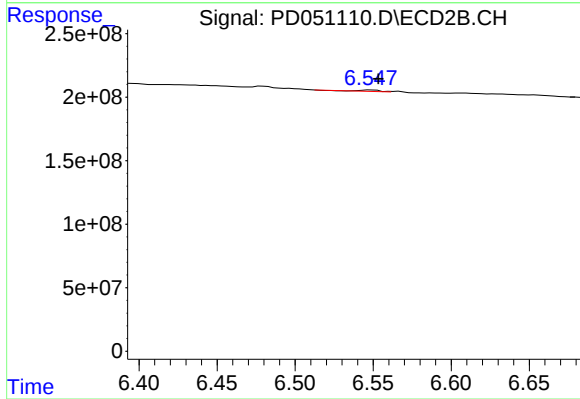
R.T.: 6.391 min  
Delta R.T.: -0.010 min  
Response: 5846383  
Conc: 0.18 ng/ml



#13 Dieldrin

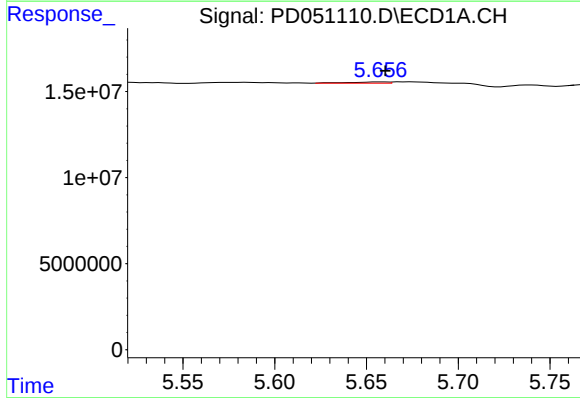
R.T.: 5.406 min  
Delta R.T.: -0.007 min  
Response: 772275  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



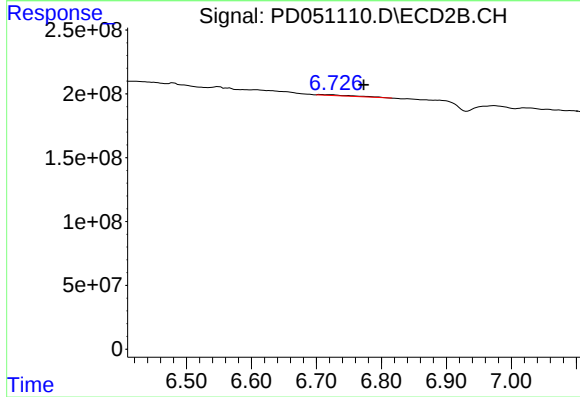
#13 Dieldrin

R.T.: 6.549 min  
Delta R.T.: -0.005 min  
Response: 10341770  
Conc: 0.31 ng/ml



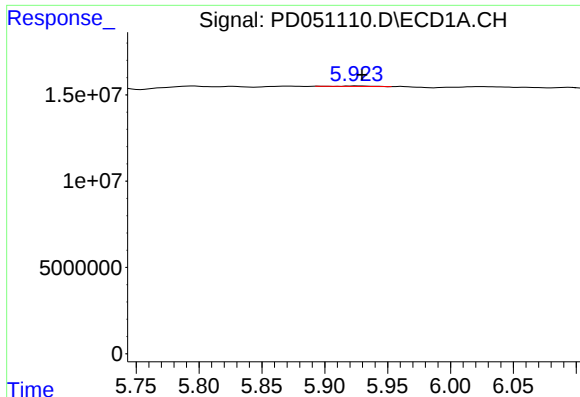
#14 Endrin

R.T.: 5.657 min  
Delta R.T.: -0.003 min  
Response: 959314  
Conc: 0.44 ng/ml



#14 Endrin

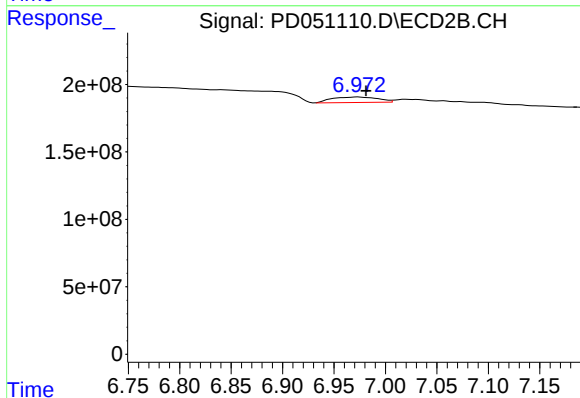
R.T.: 6.705 min  
Delta R.T.: -0.067 min  
Response: 22448434  
Conc: 0.80 ng/ml



#15 Endosulfan II

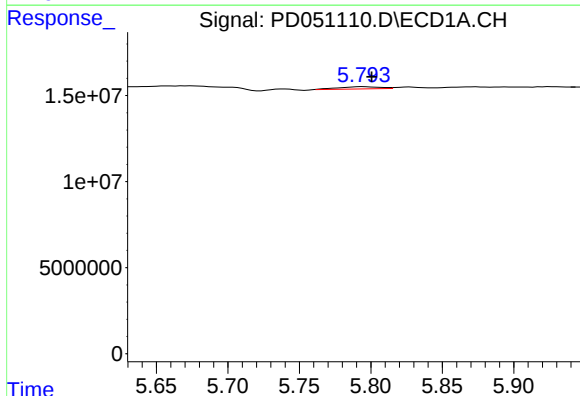
R.T.: 5.926 min  
Delta R.T.: -0.004 min  
Response: 481129  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



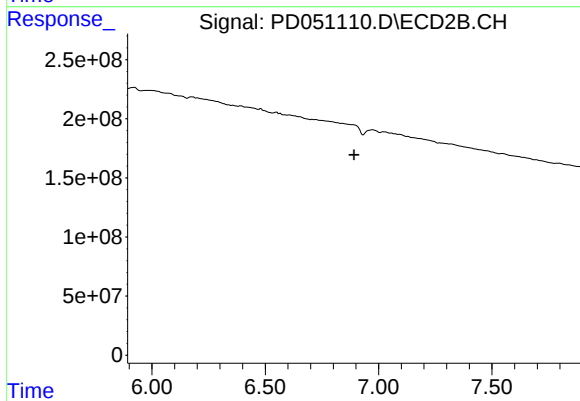
#15 Endosulfan II

R.T.: 6.973 min  
Delta R.T.: -0.008 min  
Response: 126648877  
Conc: 4.63 ng/ml



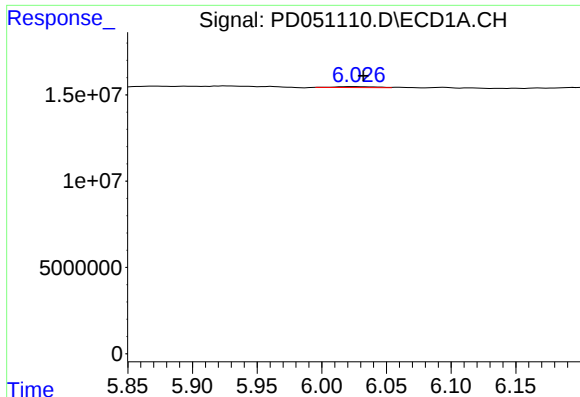
#16 4,4'-DDD

R.T.: 5.795 min  
Delta R.T.: -0.006 min  
Response: 2624664  
Conc: 1.49 ng/ml



#16 4,4'-DDD

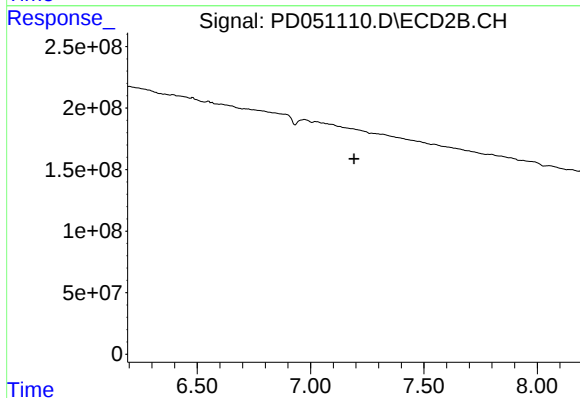
R.T.: 0.000 min  
Exp R.T.: 6.892 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

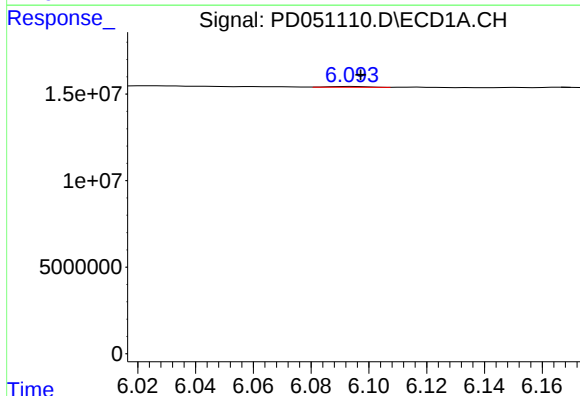
R.T.: 6.025 min  
Delta R.T.: -0.007 min  
Response: 1168651  
Conc: 0.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



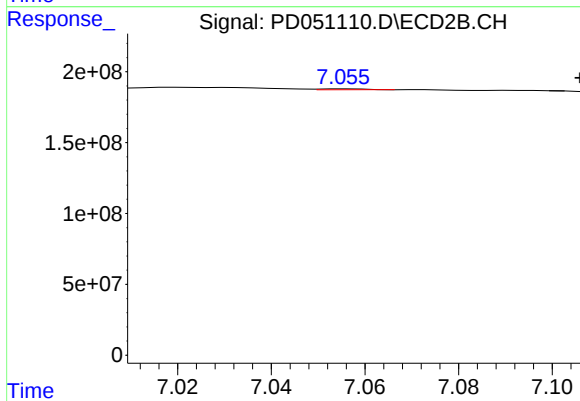
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.192 min  
Response: 0  
Conc: N.D.



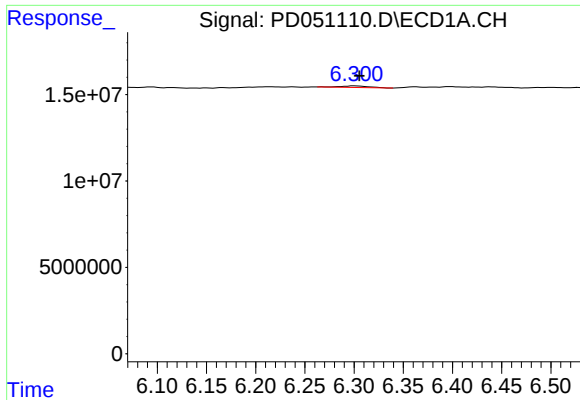
#18 Endrin aldehyde

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 380229  
Conc: 0.24 ng/ml



#18 Endrin aldehyde

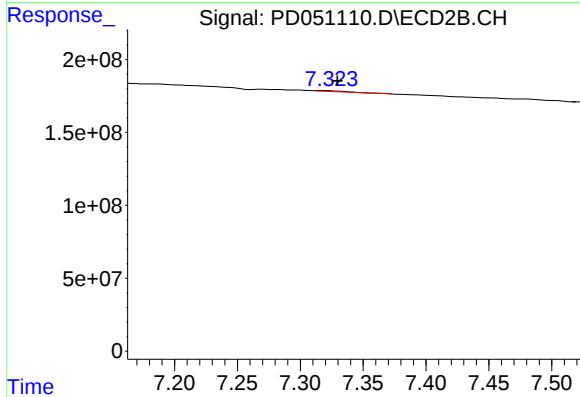
R.T.: 7.056 min  
Delta R.T.: -0.050 min  
Response: 5470053  
Conc: 0.24 ng/ml



#19 Endosulfan Sulfate

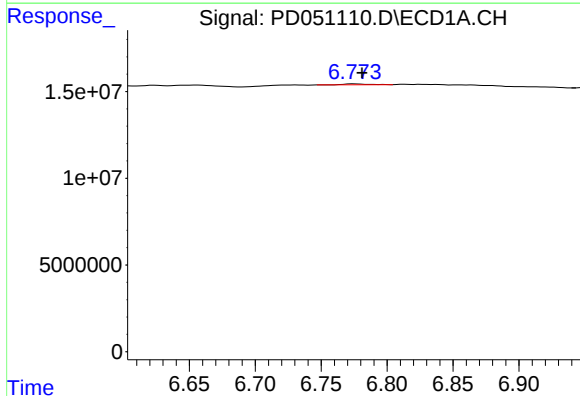
R.T.: 6.300 min  
Delta R.T.: -0.005 min  
Response: 1837480  
Conc: 0.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



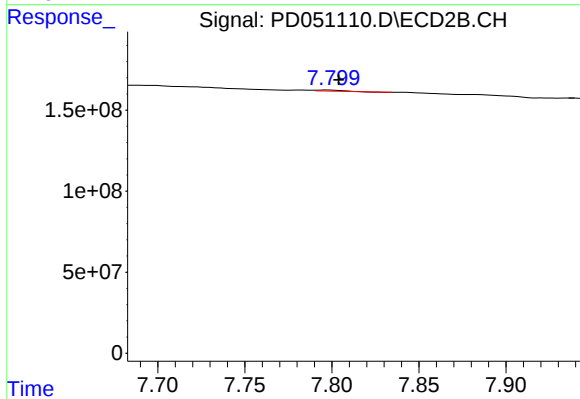
#19 Endosulfan Sulfate

R.T.: 7.318 min  
Delta R.T.: -0.011 min  
Response: 5978772  
Conc: 0.22 ng/ml



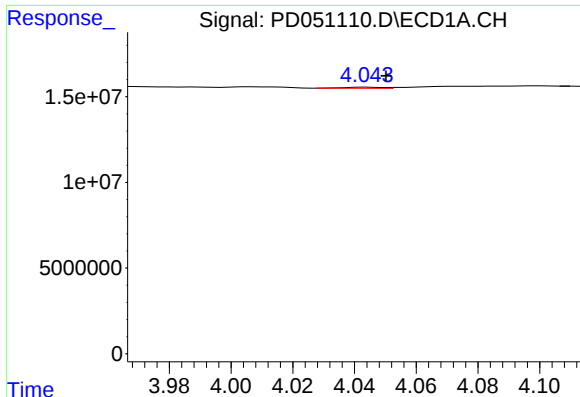
#21 Endrin ketone

R.T.: 6.775 min  
Delta R.T.: -0.006 min  
Response: 733224  
Conc: 0.34 ng/ml



#21 Endrin ketone

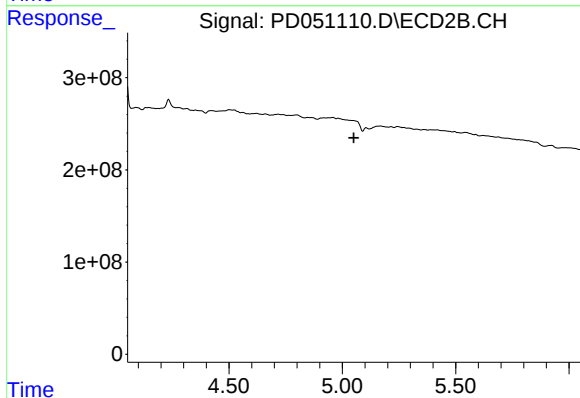
R.T.: 7.798 min  
Delta R.T.: -0.006 min  
Response: 6592664  
Conc: 0.26 ng/ml



#23 Chlordane-1

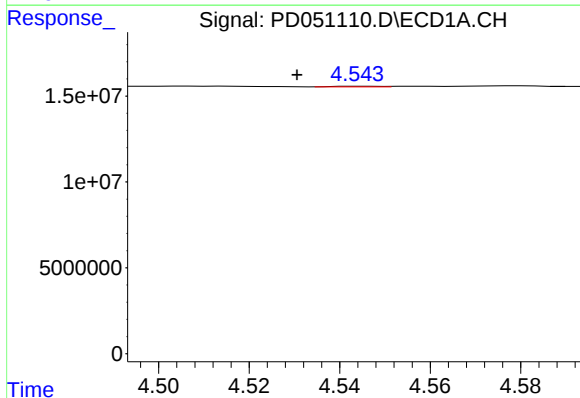
R.T.: 4.044 min  
Delta R.T.: -0.006 min  
Response: 584547  
Conc: 8.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



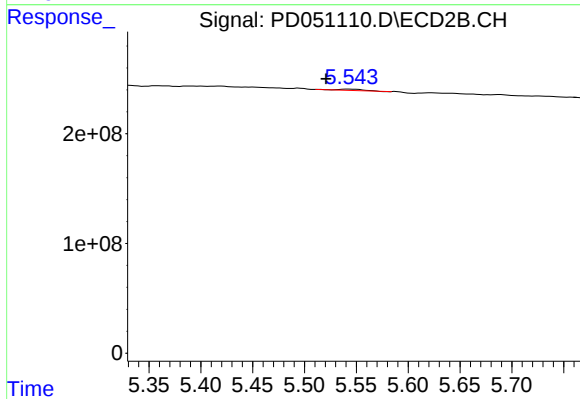
#23 Chlordane-1

R.T.: 5.105 min  
Delta R.T.: 0.054 min  
Response: -18582740  
Conc: N.D.



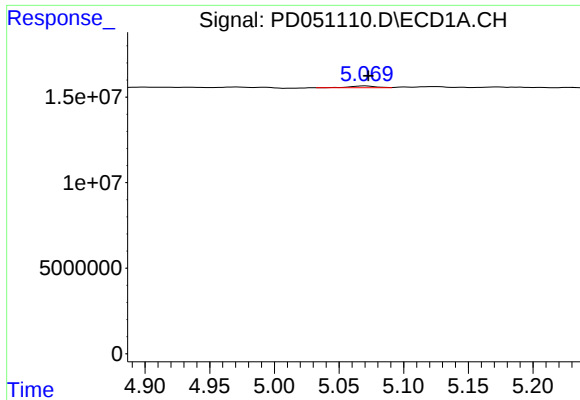
#24 Chlordane-2

R.T.: 4.545 min  
Delta R.T.: 0.014 min  
Response: 254625  
Conc: 3.20 ng/ml



#24 Chlordane-2

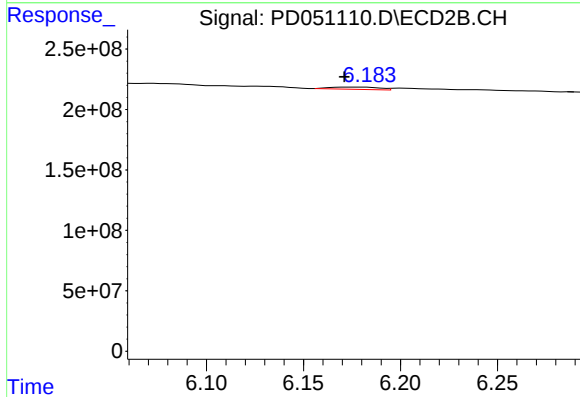
R.T.: 5.543 min  
Delta R.T.: 0.022 min  
Response: 16903972  
Conc: 12.60 ng/ml



#25 Chlordane-3

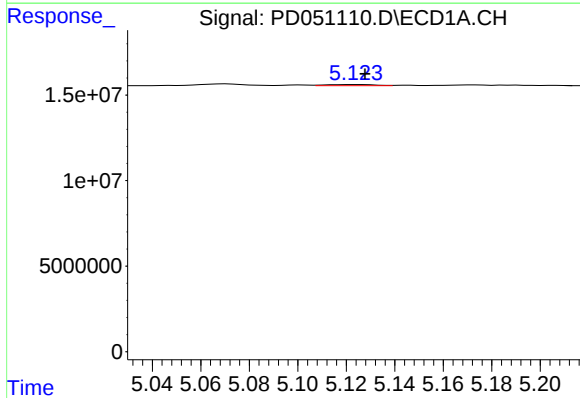
R.T.: 5.071 min  
Delta R.T.: -0.002 min  
Response: 1496943  
Conc: 6.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



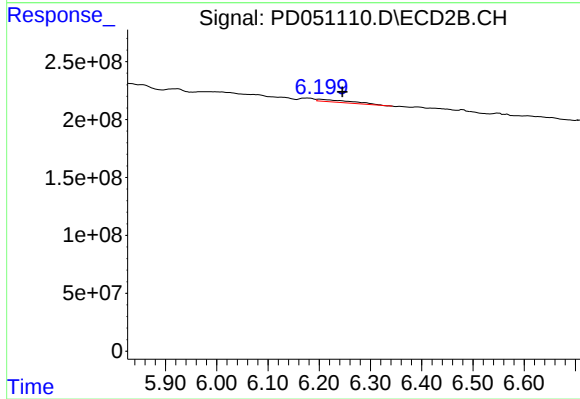
#25 Chlordane-3

R.T.: 6.176 min  
Delta R.T.: 0.005 min  
Response: 33413541  
Conc: 7.70 ng/ml



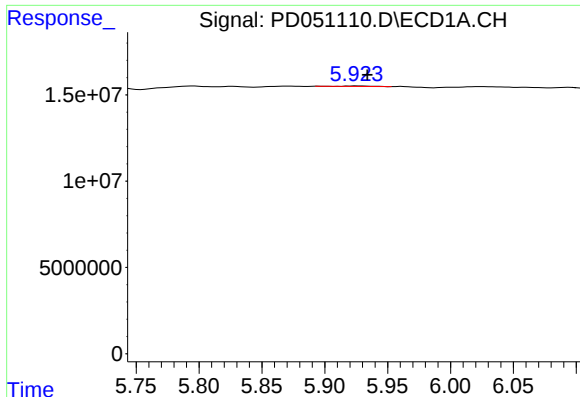
#26 Chlordane-4

R.T.: 5.124 min  
Delta R.T.: -0.003 min  
Response: 973490  
Conc: 4.04 ng/ml



#26 Chlordane-4

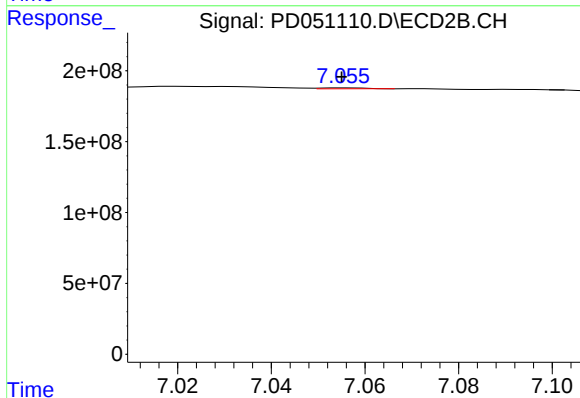
R.T.: 6.201 min  
Delta R.T.: -0.045 min  
Response: 90371112  
Conc: 18.28 ng/ml



#27 Chlordane-5

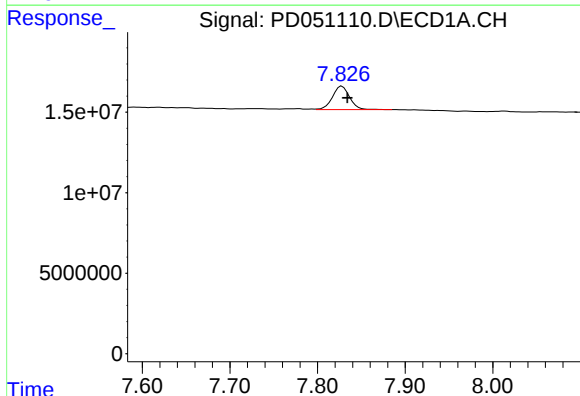
R.T.: 5.926 min  
Delta R.T.: -0.008 min  
Response: 481129  
Conc: 6.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
RBR-200052



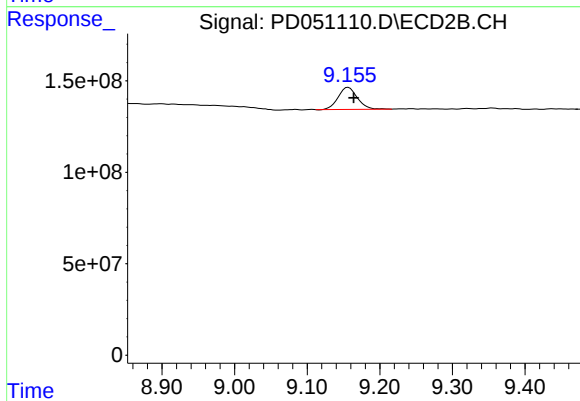
#27 Chlordane-5

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 5470053  
Conc: 5.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.828 min  
Delta R.T.: -0.006 min  
Response: 19448210  
Conc: 16.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.157 min  
Delta R.T.: -0.007 min  
Response: 221558291  
Conc: 11.10 ng/ml