

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031121\  
 Data File : PD061548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2021 15:59  
 Operator : AR\AJ  
 Sample : M1616-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 07:39:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 11 04:34:41 2021  
 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... | 3.487  | 3.982  | 15990160 | 129.4E6  | 19.949 | 15.513   |
| 28)                         | SA Decachlor... | 8.260  | 9.040  | 20127041 | 137.1E6  | 16.690 | 15.888   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.917  | 4.359  | 185529   | -1001295 | 0.151  | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.213  | 4.663  | 369207   | 7083599  | 0.314  | 0.584 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.145f | 0        | 14546704 | N.D.   | 1.142 #  |
| 5)                          | MB Aldrin       | 4.762  | 5.459  | 431787   | 7159343  | 0.369  | 0.599 #  |
| 6)                          | B beta-BHC      | 4.473  | 0.000  | 616194   | 0        | 1.165  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.017f | 0        | 23862686 | N.D.   | 1.990 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.867  | 0        | 4520079  | N.D.   | 0.415 #  |
| 9)                          | A Endosulfan I  | 5.572f | 6.209  | 371857   | 525743   | 0.342  | 0.051 #  |
| 10)                         | B gamma-Chl...  | 5.437  | 6.087  | 856063   | 11962287 | 0.736  | 1.058 #  |
| 11)                         | B alpha-Chl...  | 5.496  | 6.159  | 520504   | 8565436  | 0.450  | 0.786 #  |
| 12)                         | B 4,4'-DDE      | 5.679f | 6.310  | 454478   | 292337   | 0.414  | 0.026 #  |
| 13)                         | MA Dieldrin     | 5.792  | 6.492f | 243304   | 2210629  | 0.212  | 0.200    |
| 14)                         | MA Endrin       | 0.000  | 6.677  | 0        | 4597262  | N.D.   | 0.490 #  |
| 15)                         | B Endosulfa...  | 6.313  | 6.892  | 729461   | 16079702 | 0.730  | 1.798 #  |
| 16)                         | A 4,4'-DDD      | 6.194f | 6.798  | 1538005  | 7129965  | 1.655  | 0.796 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.120f | 0        | 36939702 | N.D.   | 3.994 #  |
| 18)                         | B Endrin al...  | 6.506  | 0.000  | 930997   | 0        | 1.127  | N.D. #   |
| 19)                         | B Endosulfa...  | 0.000  | 7.229  | 0        | 4511927  | N.D.   | 0.490 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.705  | 0        | 1560737  | N.D.   | 0.169 #  |
| 22)                         | Mirex           | 7.399  | 8.143f | 308380   | 1630195  | 0.311  | 0.268    |
| 23)                         | Chlordane-1     | 4.360  | 4.988  | 349198   | 2206079  | 9.670  | 5.324 #  |
| 24)                         | Chlordane-2     | 4.888f | 5.459f | 240447   | 7159343  | 5.728  | 17.804 # |
| 25)                         | Chlordane-3     | 5.437  | 6.087  | 856063   | 11962287 | 6.828  | 6.874    |
| 26)                         | Chlordane-4     | 5.496  | 6.159  | 520504   | 8565436  | 4.987  | 4.247    |
| 27)                         | Chlordane-5     | 6.313f | 6.971  | 729461   | 2442354  | 15.061 | 6.410 #  |
| -----                       |                 |        |        |          |          |        |          |

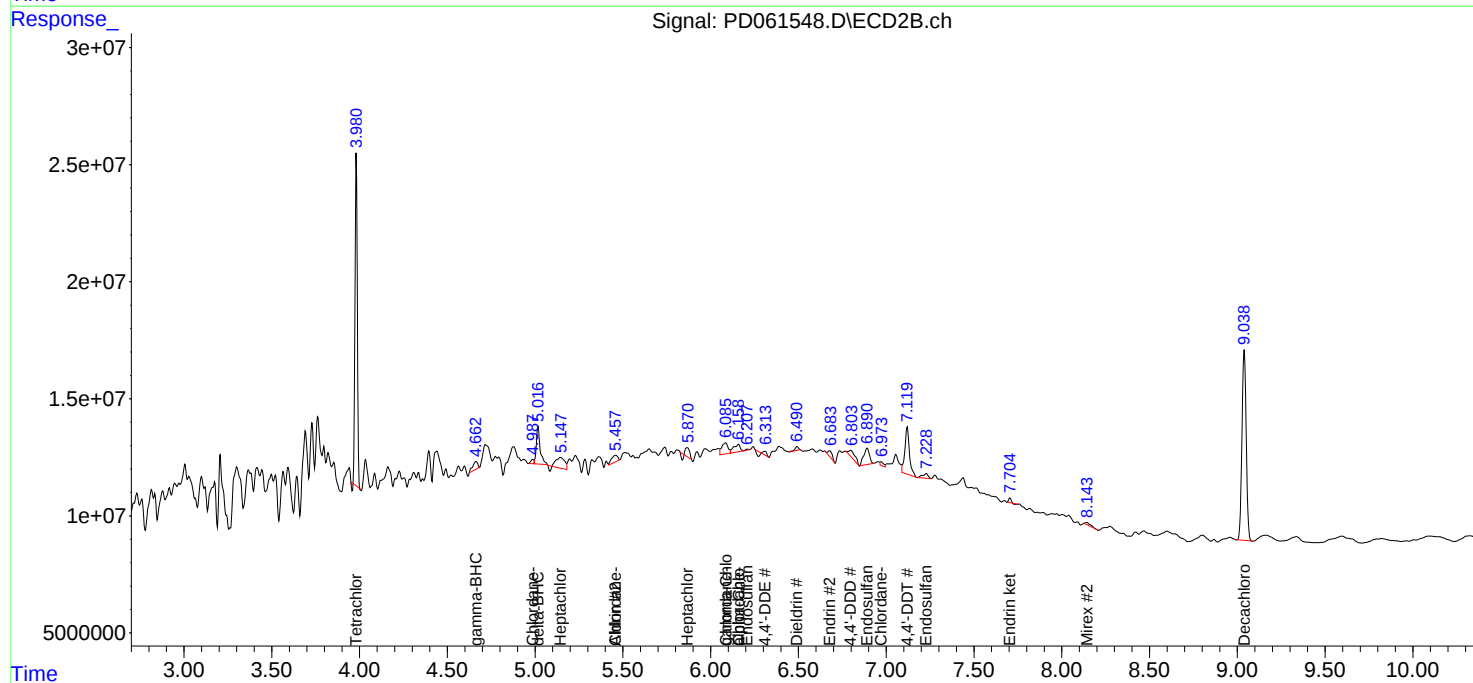
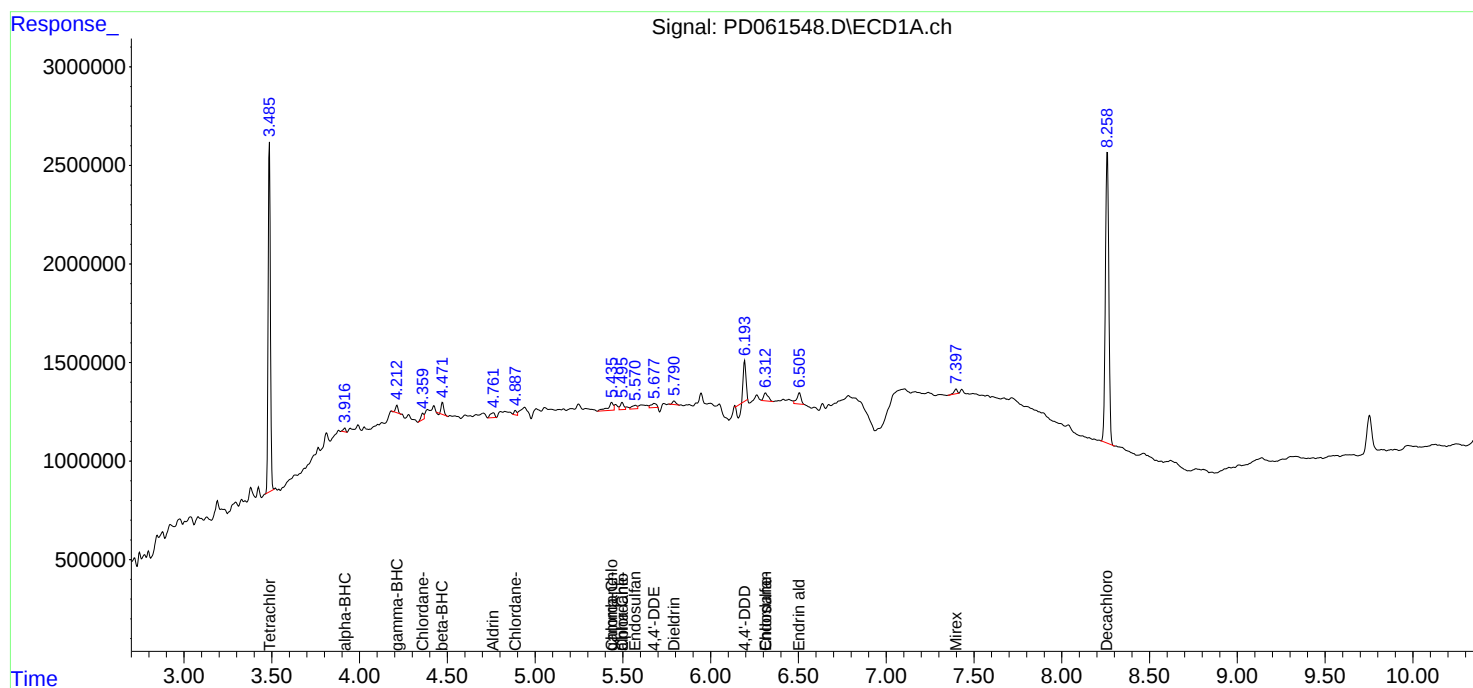
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

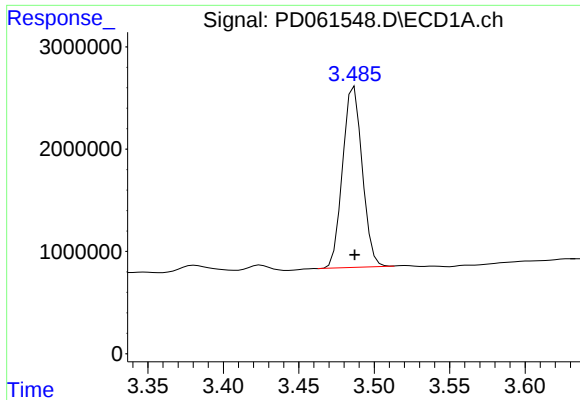
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031121\  
 Data File : PD061548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2021 15:59  
 Operator : AR\AJ  
 Sample : M1616-01  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 07:39:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031021.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 11 04:34:41 2021  
 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

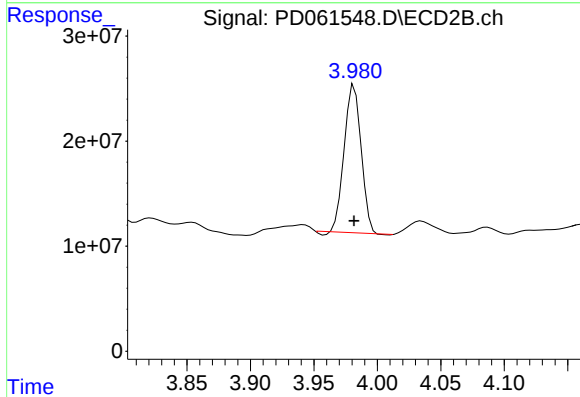




#1 Tetrachloro-m-xylene

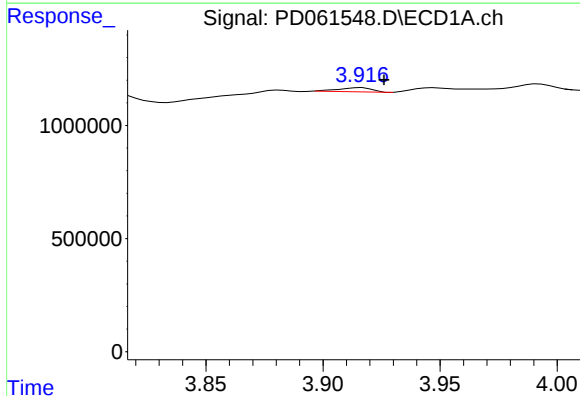
R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 15990160  
Conc: 19.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



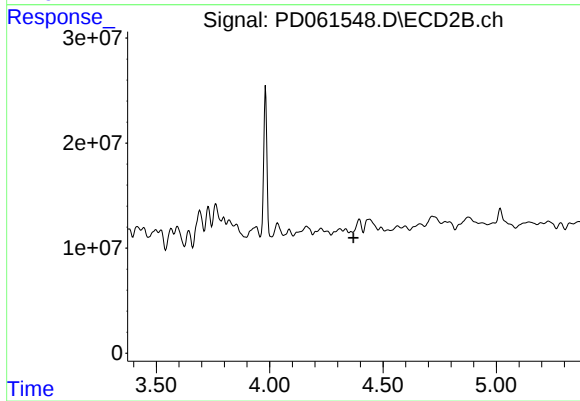
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 129425338  
Conc: 15.51 ng/ml



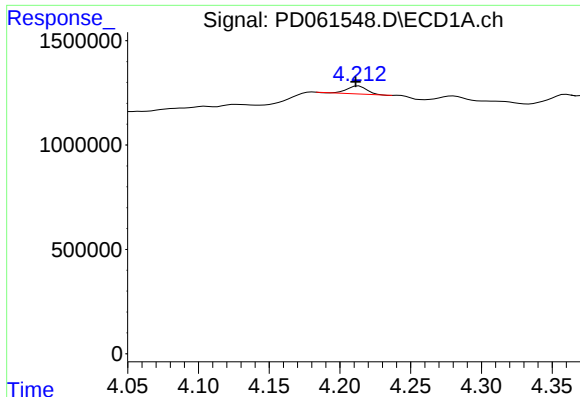
#2 alpha-BHC

R.T.: 3.917 min  
Delta R.T.: -0.010 min  
Response: 185529  
Conc: 0.15 ng/ml



#2 alpha-BHC

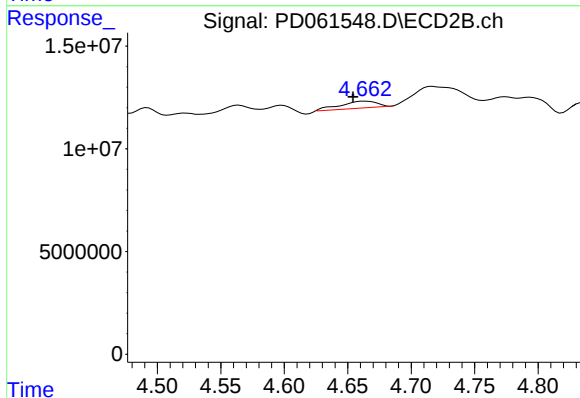
R.T.: 4.359 min  
Delta R.T.: -0.011 min  
Response: -1001295  
Conc: N.D.



#3 gamma-BHC (Lindane)

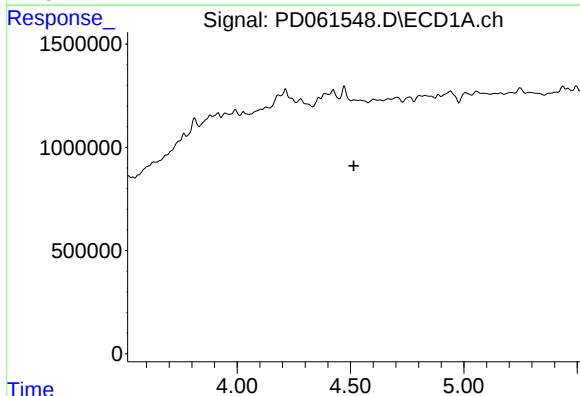
R.T.: 4.213 min  
Delta R.T.: 0.002 min  
Response: 369207  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



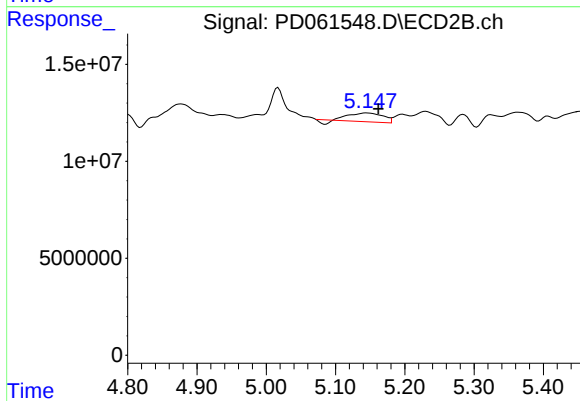
#3 gamma-BHC (Lindane)

R.T.: 4.663 min  
Delta R.T.: 0.009 min  
Response: 7083599  
Conc: 0.58 ng/ml



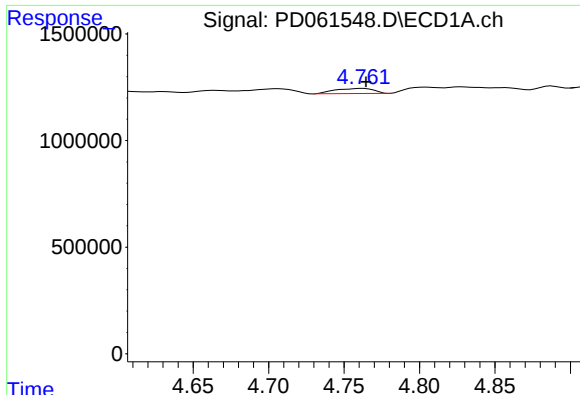
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.515 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

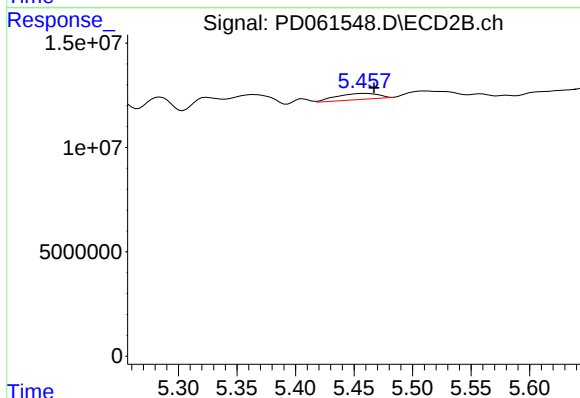
R.T.: 5.145 min  
Delta R.T.: -0.017 min  
Response: 14546704  
Conc: 1.14 ng/ml



#5 Aldrin

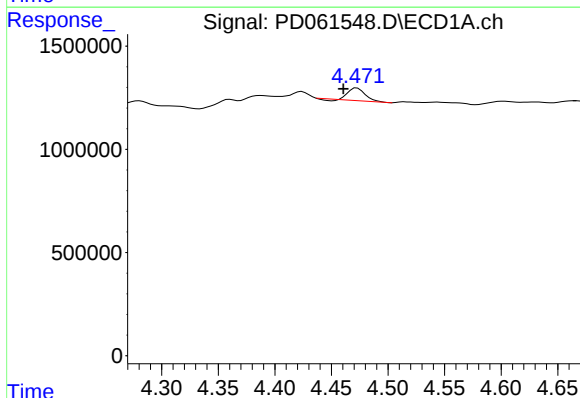
R.T.: 4.762 min  
Delta R.T.: -0.002 min  
Response: 431787  
Conc: 0.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



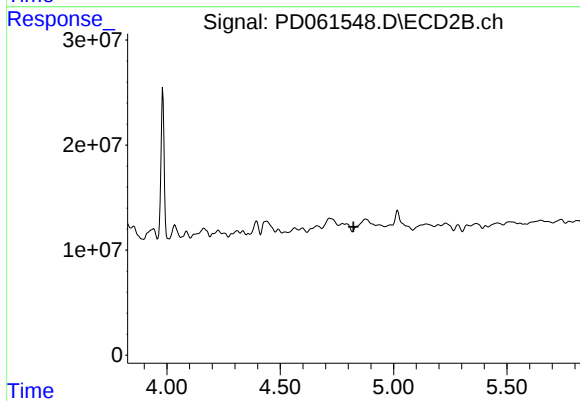
#5 Aldrin

R.T.: 5.459 min  
Delta R.T.: -0.008 min  
Response: 7159343  
Conc: 0.60 ng/ml



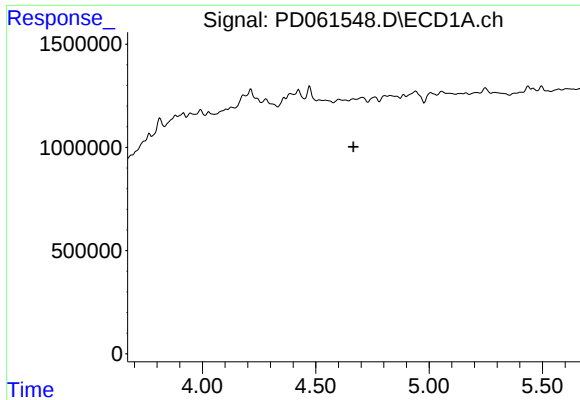
#6 beta-BHC

R.T.: 4.473 min  
Delta R.T.: 0.012 min  
Response: 616194  
Conc: 1.17 ng/ml



#6 beta-BHC

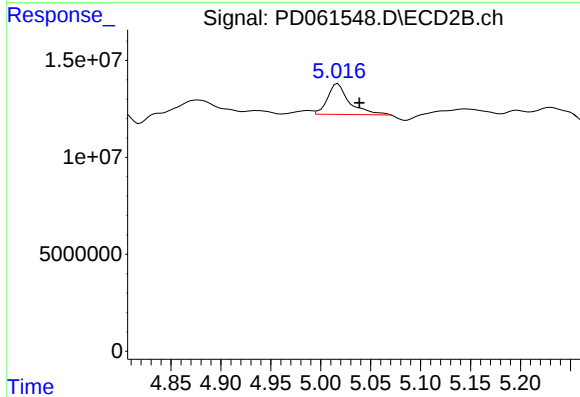
R.T.: 0.000 min  
Exp R.T.: 4.823 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

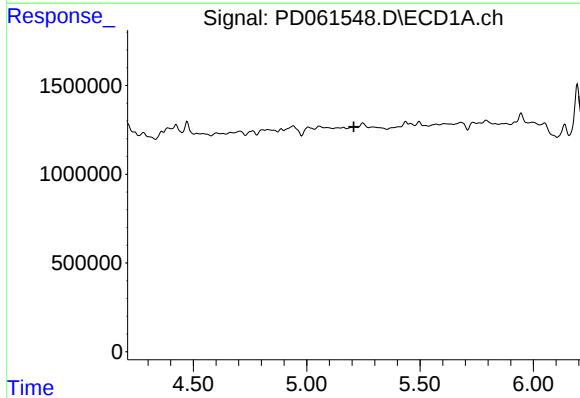
R.T.: 0.000 min  
Exp R.T. : 4.667 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



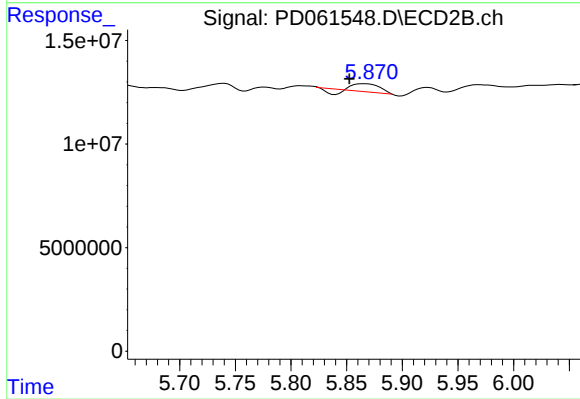
#7 delta-BHC

R.T.: 5.017 min  
Delta R.T.: -0.021 min  
Response: 23862686  
Conc: 1.99 ng/ml



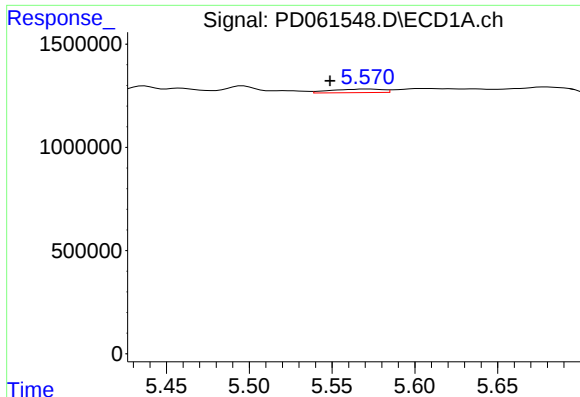
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.208 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

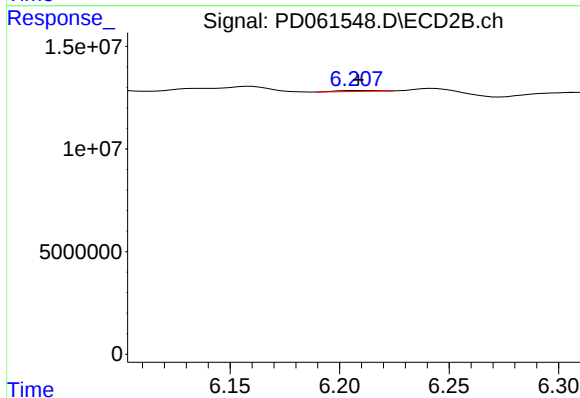
R.T.: 5.867 min  
Delta R.T.: 0.014 min  
Response: 4520079  
Conc: 0.42 ng/ml



#9 Endosulfan I

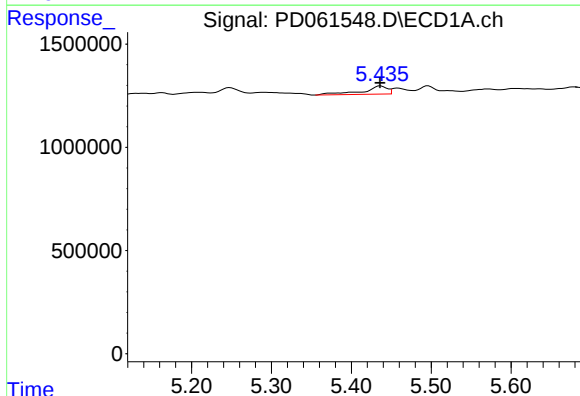
R.T.: 5.572 min  
Delta R.T.: 0.023 min  
Response: 371857  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



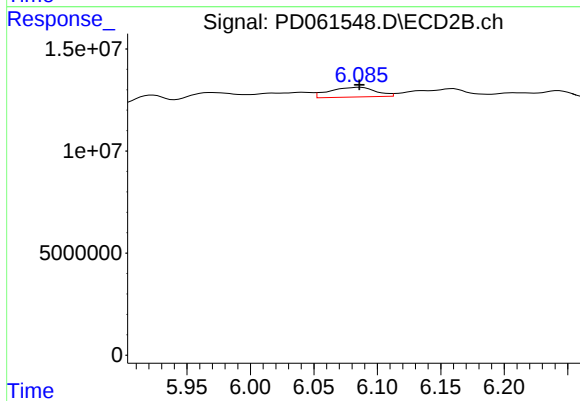
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 525743  
Conc: 0.05 ng/ml



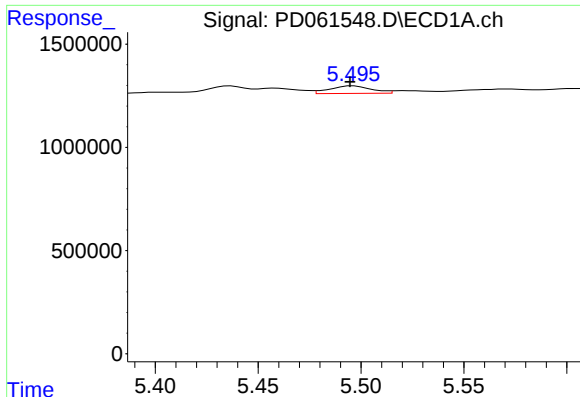
#10 gamma-Chlordane

R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 856063  
Conc: 0.74 ng/ml



#10 gamma-Chlordane

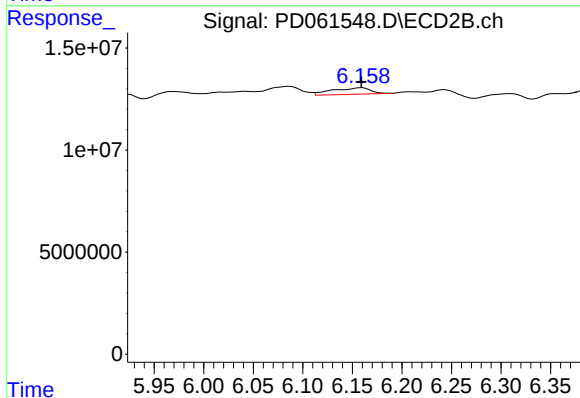
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 11962287  
Conc: 1.06 ng/ml



#11 alpha-Chlordane

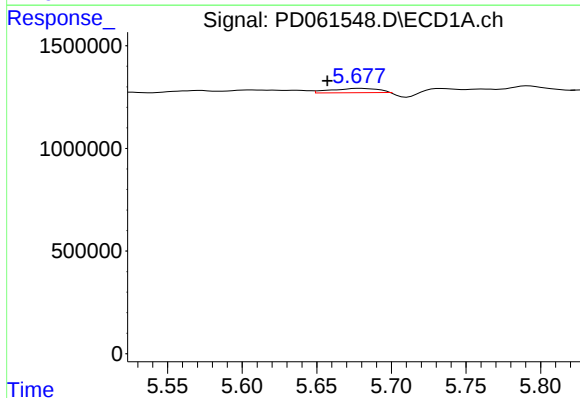
R.T.: 5.496 min  
Delta R.T.: 0.002 min  
Response: 520504  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



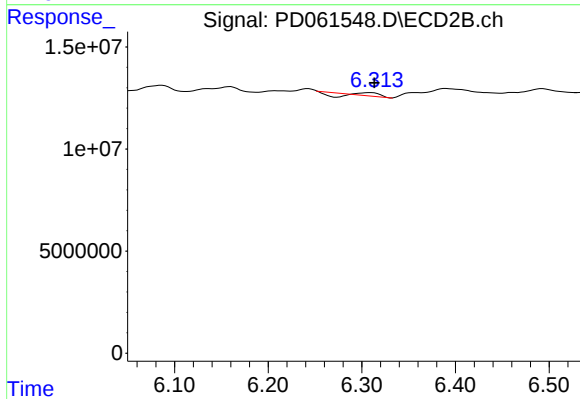
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 8565436  
Conc: 0.79 ng/ml



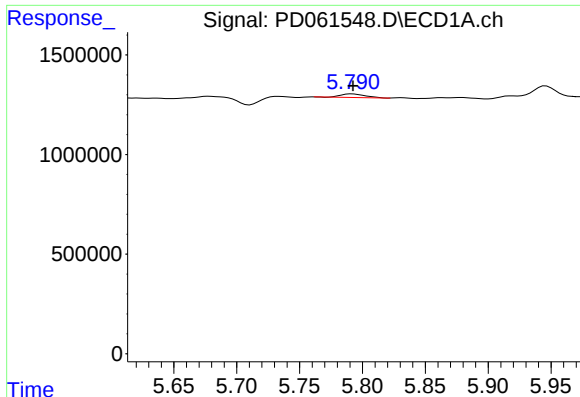
#12 4,4'-DDE

R.T.: 5.679 min  
Delta R.T.: 0.021 min  
Response: 454478  
Conc: 0.41 ng/ml



#12 4,4'-DDE

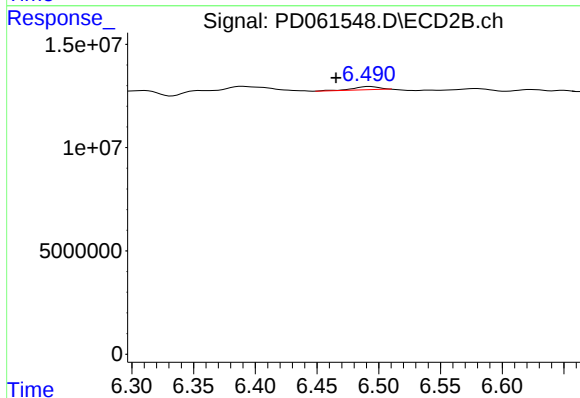
R.T.: 6.310 min  
Delta R.T.: -0.003 min  
Response: 292337  
Conc: 0.03 ng/ml



#13 Dieldrin

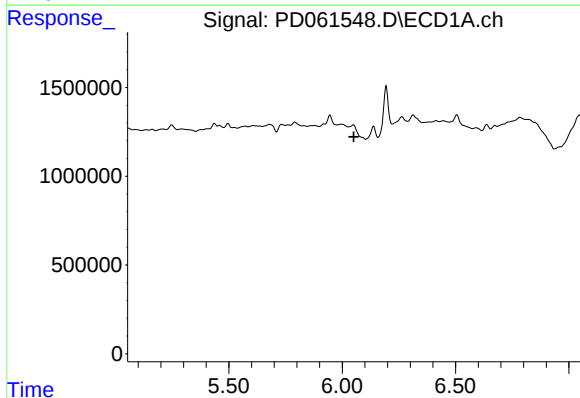
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 243304  
Conc: 0.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



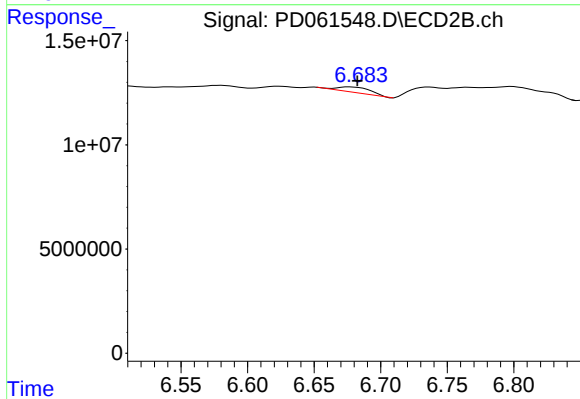
#13 Dieldrin

R.T.: 6.492 min  
Delta R.T.: 0.027 min  
Response: 2210629  
Conc: 0.20 ng/ml



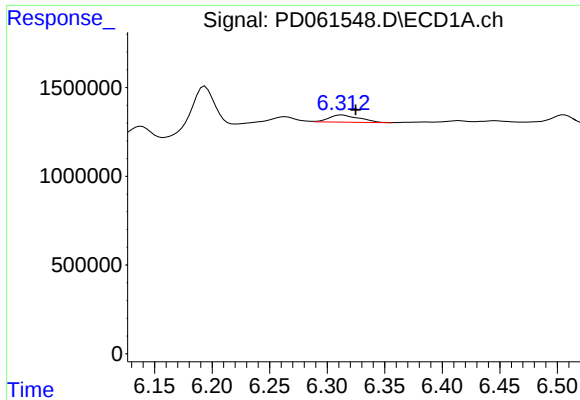
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.051 min  
Response: 0  
Conc: N.D.



#14 Endrin

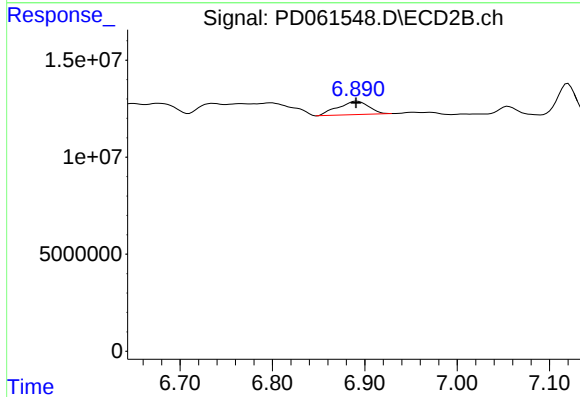
R.T.: 6.677 min  
Delta R.T.: -0.006 min  
Response: 4597262  
Conc: 0.49 ng/ml



#15 Endosulfan II

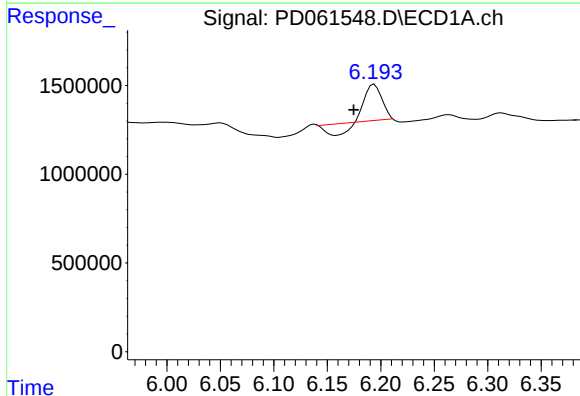
R.T.: 6.313 min  
Delta R.T.: -0.012 min  
Response: 729461  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



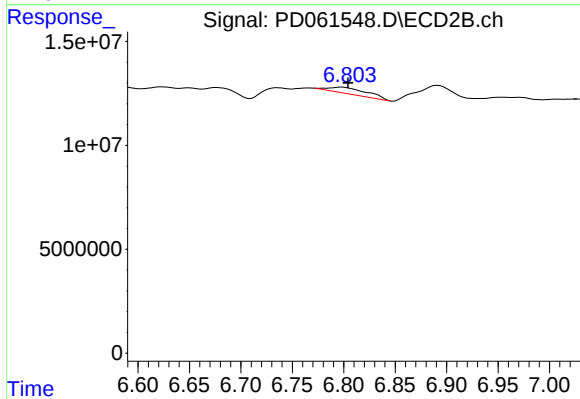
#15 Endosulfan II

R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 16079702  
Conc: 1.80 ng/ml



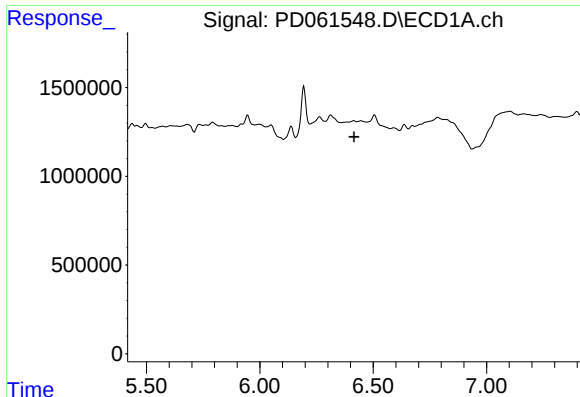
#16 4,4'-DDD

R.T.: 6.194 min  
Delta R.T.: 0.019 min  
Response: 1538005  
Conc: 1.66 ng/ml



#16 4,4'-DDD

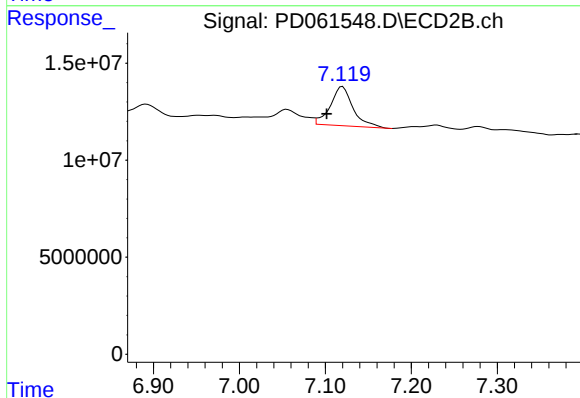
R.T.: 6.798 min  
Delta R.T.: -0.006 min  
Response: 7129965  
Conc: 0.80 ng/ml



#17 4,4'-DDT

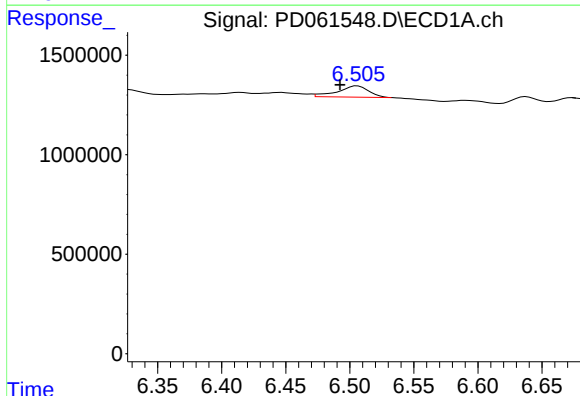
R.T.: 0.000 min  
Exp R.T.: 6.416 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



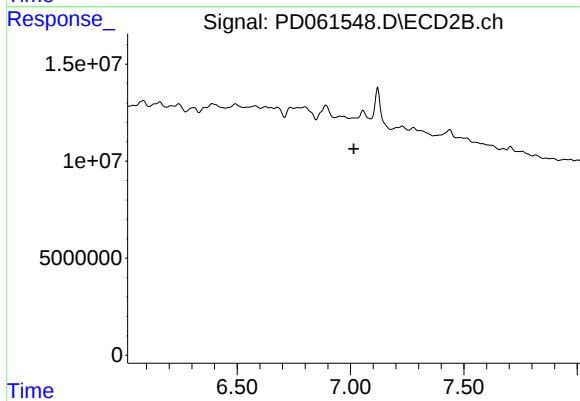
#17 4,4'-DDT

R.T.: 7.120 min  
Delta R.T.: 0.018 min  
Response: 36939702  
Conc: 3.99 ng/ml



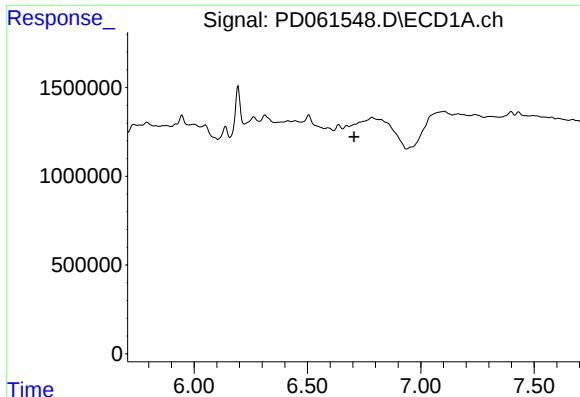
#18 Endrin aldehyde

R.T.: 6.506 min  
Delta R.T.: 0.014 min  
Response: 930997  
Conc: 1.13 ng/ml



#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 7.015 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

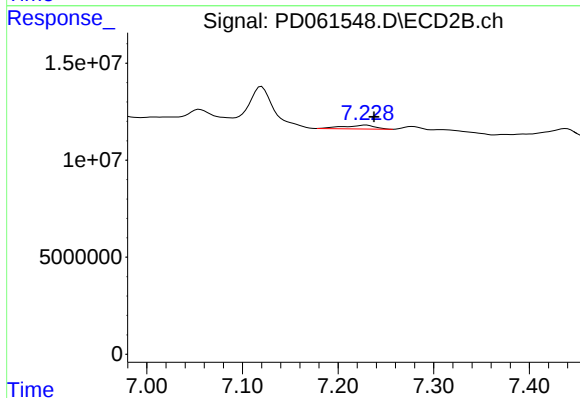
R.T.: 0.000 min

Exp R.T. : 6.706 min

Response: 0

Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



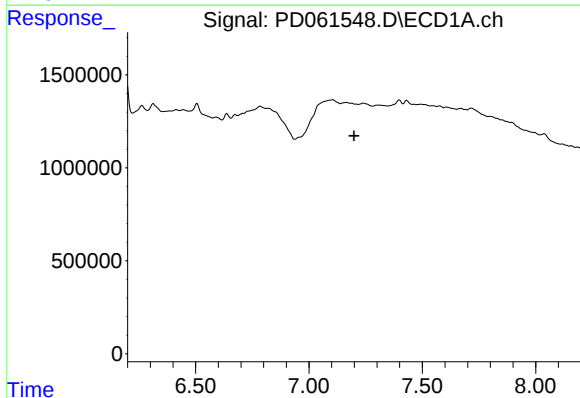
#19 Endosulfan Sulfate

R.T.: 7.229 min

Delta R.T.: -0.009 min

Response: 4511927

Conc: 0.49 ng/ml



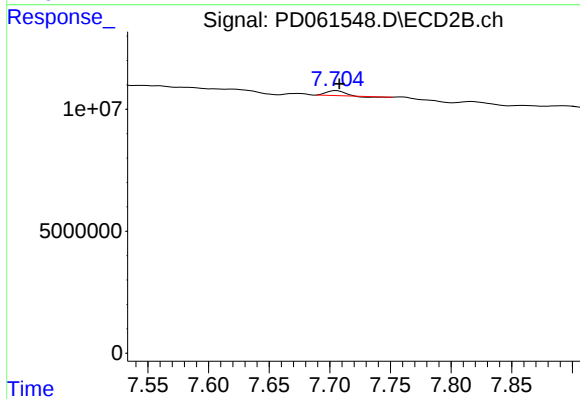
#21 Endrin ketone

R.T.: 0.000 min

Exp R.T. : 7.200 min

Response: 0

Conc: N.D.



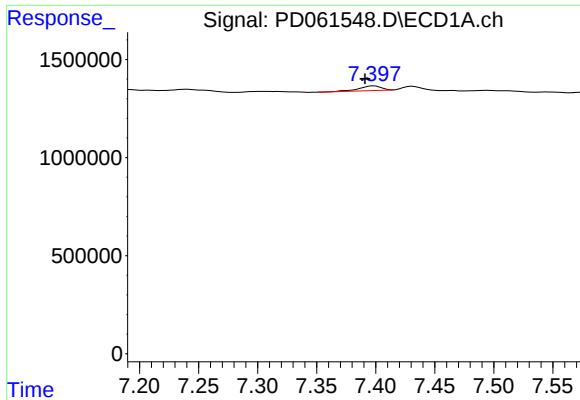
#21 Endrin ketone

R.T.: 7.705 min

Delta R.T.: -0.002 min

Response: 1560737

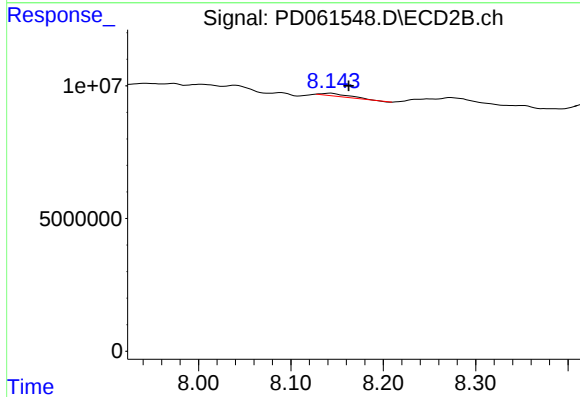
Conc: 0.17 ng/ml



#22 Mirex

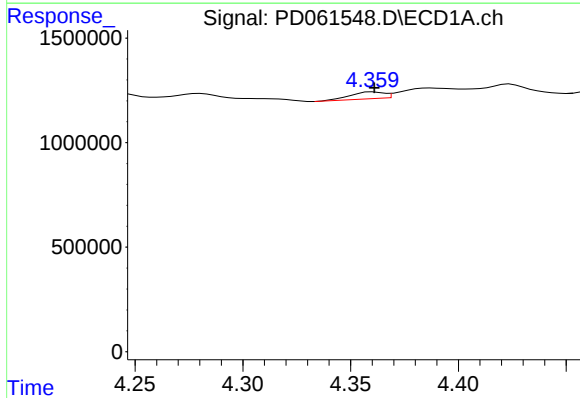
R.T.: 7.399 min  
Delta R.T.: 0.008 min  
Response: 308380  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



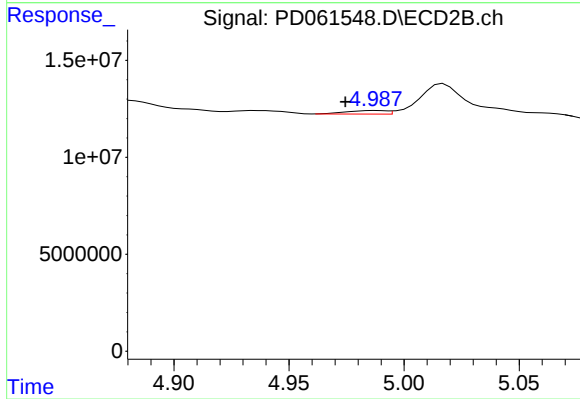
#22 Mirex

R.T.: 8.143 min  
Delta R.T.: -0.019 min  
Response: 1630195  
Conc: 0.27 ng/ml



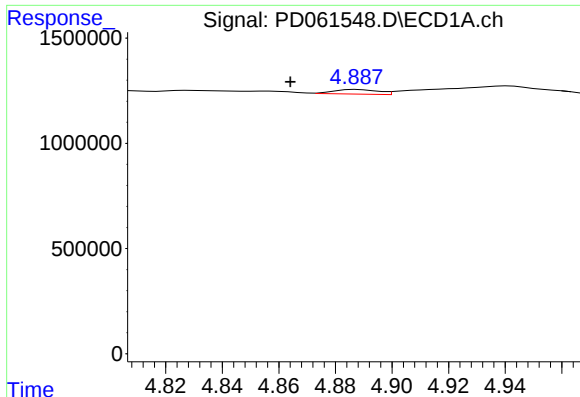
#23 Chlordane-1

R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 349198  
Conc: 9.67 ng/ml



#23 Chlordane-1

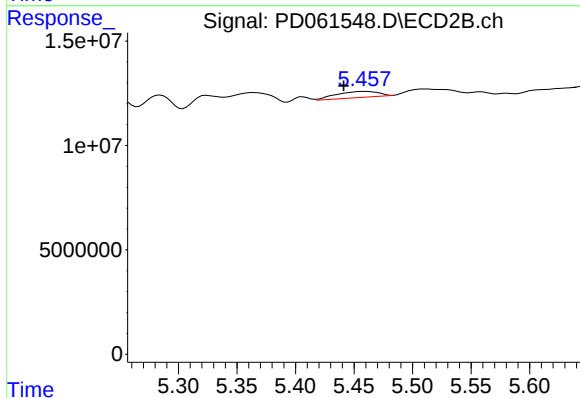
R.T.: 4.988 min  
Delta R.T.: 0.013 min  
Response: 2206079  
Conc: 5.32 ng/ml



#24 Chlordane-2

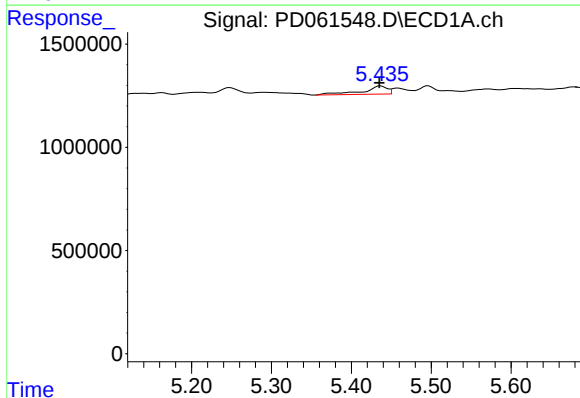
R.T.: 4.888 min  
Delta R.T.: 0.024 min  
Response: 240447  
Conc: 5.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



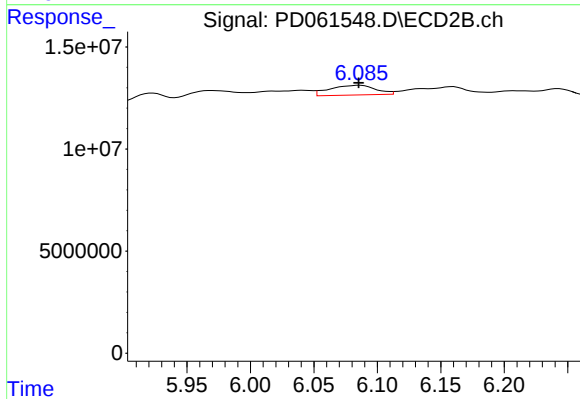
#24 Chlordane-2

R.T.: 5.459 min  
Delta R.T.: 0.018 min  
Response: 7159343  
Conc: 17.80 ng/ml



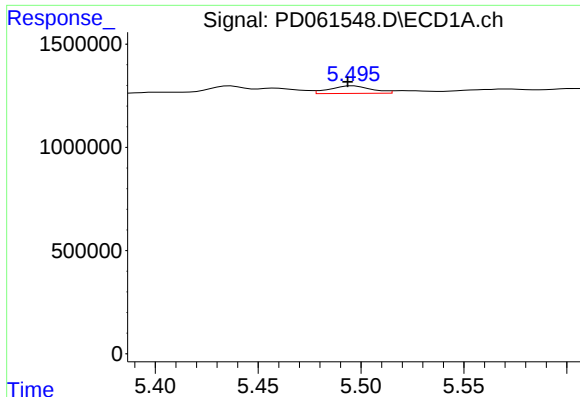
#25 Chlordane-3

R.T.: 5.437 min  
Delta R.T.: 0.002 min  
Response: 856063  
Conc: 6.83 ng/ml



#25 Chlordane-3

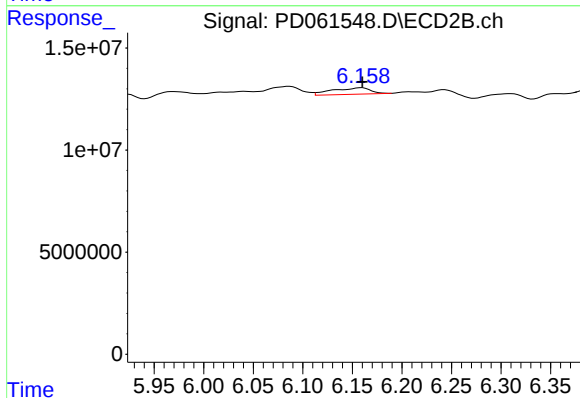
R.T.: 6.087 min  
Delta R.T.: 0.001 min  
Response: 11962287  
Conc: 6.87 ng/ml



#26 Chlordane-4

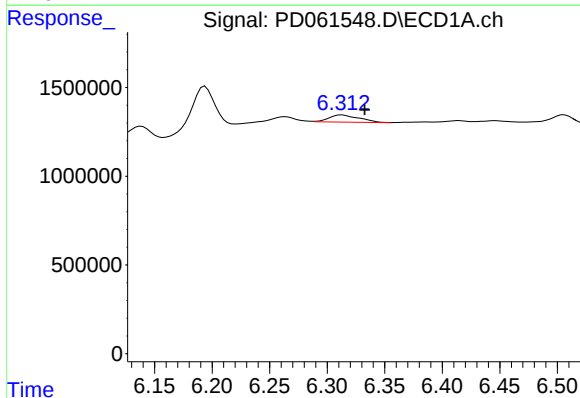
R.T.: 5.496 min  
Delta R.T.: 0.003 min  
Response: 520504  
Conc: 4.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



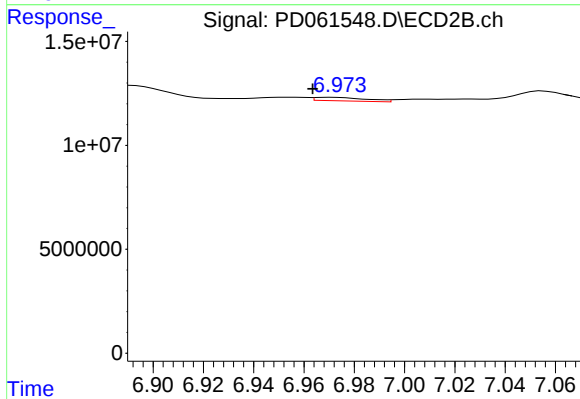
#26 Chlordane-4

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 8565436  
Conc: 4.25 ng/ml



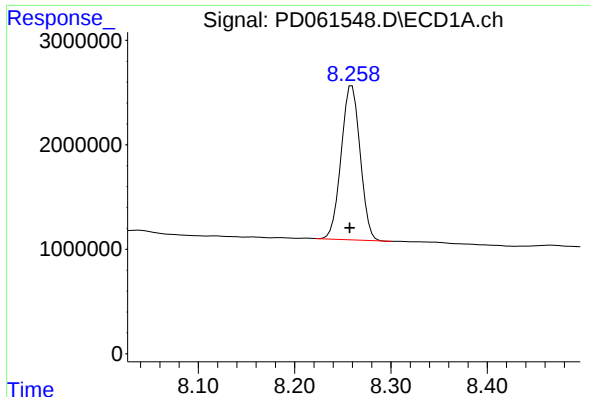
#27 Chlordane-5

R.T.: 6.313 min  
Delta R.T.: -0.019 min  
Response: 729461  
Conc: 15.06 ng/ml



#27 Chlordane-5

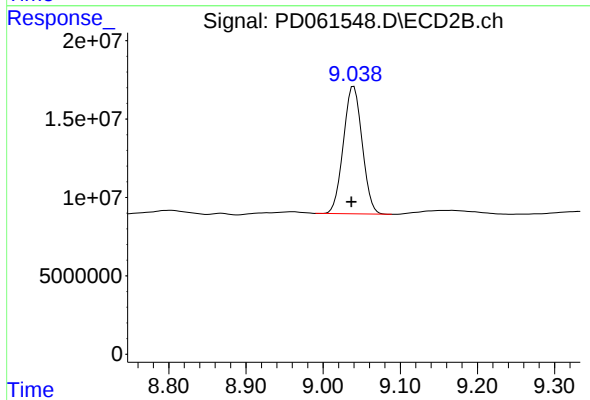
R.T.: 6.971 min  
Delta R.T.: 0.008 min  
Response: 2442354  
Conc: 6.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.260 min  
Delta R.T.: 0.002 min  
Response: 20127041  
Conc: 16.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.040 min  
Delta R.T.: 0.003 min  
Response: 137086805  
Conc: 15.89 ng/ml