

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033021\  
 Data File : PD061862.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Mar 2021 11:18  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 04:09:04 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 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... | 3.489  | 3.981  | 48580534   | 429.8E6  | 58.021  | 49.469    |
| 28)                         | SA Decachlor... | 8.261  | 9.041  | 57474686   | 407.0E6  | 46.711  | 43.114    |
| Target Compounds            |                 |        |        |            |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.378  | 0 16533241 | N.D.     | 1.229   | #         |
| 3)                          | MA gamma-BHC... | 0.000  | 4.674f | 0 6351300  | N.D.     | 0.509   | #         |
| 4)                          | MA Heptachlor   | 4.518  | 5.163  | 25301515   | 280.0E6  | 21.734  | 21.487    |
| 5)                          | MB Aldrin       | 4.777  | 5.441f | 2347288    | 52154334 | 1.956   | 4.191 #   |
| 7)                          | B delta-BHC     | 4.675  | 5.015f | 2118422    | 1111200  | 1.744   | 0.084 #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.838f | 0 111.7E6  | N.D.     | 9.436   | #         |
| 9)                          | A Endosulfan I  | 5.534  | 6.204  | 4911890    | 2137583  | 4.473   | 0.197 #   |
| 10)                         | B gamma-Chl...  | 5.441  | 6.087  | 59998788   | 689.9E6  | 51.222  | 58.197    |
| 11)                         | B alpha-Chl...  | 5.499  | 6.162  | 49853298   | 939.6E6  | 42.902  | 82.425 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.312  | 0 6158662  | N.D.     | 0.534   | #         |
| 13)                         | MA Dieldrin     | 5.780  | 6.465  | 1542395    | 34313908 | 1.334   | 2.973 #   |
| 14)                         | MA Endrin       | 6.055  | 6.707f | 2811594    | 1457514  | 2.736   | 0.147 #   |
| 15)                         | B Endosulfa...  | 6.339f | 6.905  | 20405907   | 11056800 | 19.910  | 1.165 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.825f | 0 37607326 | N.D.     | 3.972   | #         |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.110  | 0 6050366  | N.D.     | 0.633   | #         |
| 18)                         | B Endrin al...  | 0.000  | 7.009  | 0 16752352 | N.D.     | 2.130   | #         |
| 19)                         | B Endosulfa...  | 0.000  | 7.239  | 0 3403312  | N.D.     | 0.340   | #         |
| 20)                         | A Methoxychlor  | 0.000  | 7.557  | 0 2172154  | N.D.     | 0.482   | #         |
| 21)                         | B Endrin ke...  | 0.000  | 7.727f | 0 3033707  | N.D.     | 0.299   | #         |
| 22)                         | Mirex           | 0.000  | 8.185f | 0 4999104  | N.D.     | 0.776   | #         |
| 23)                         | Chlordane-1     | 4.365  | 4.974  | 17326026   | 202.6E6  | 545.264 | 522.160   |
| 24)                         | Chlordane-2     | 4.868  | 5.441  | 19976778   | 52154334 | 512.080 | 135.920 # |
| 25)                         | Chlordane-3     | 5.441  | 6.087  | 59998788   | 689.9E6  | 517.181 | 416.181   |
| 26)                         | Chlordane-4     | 5.499  | 6.162  | 49853298   | 939.6E6  | 518.185 | 489.667   |
| 27)                         | Chlordane-5     | 6.339  | 6.966  | 20405907   | 172.2E6  | 463.415 | 477.913   |
| -----                       |                 |        |        |            |          |         |           |

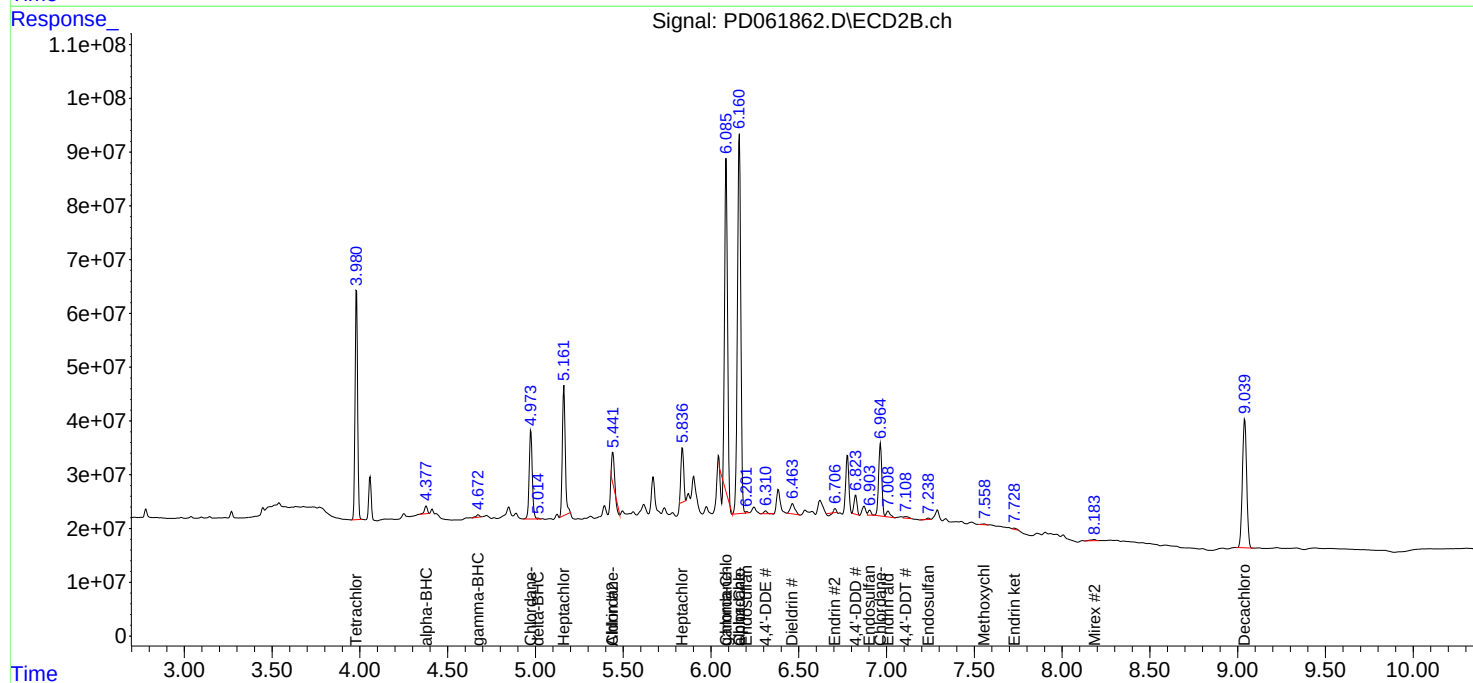
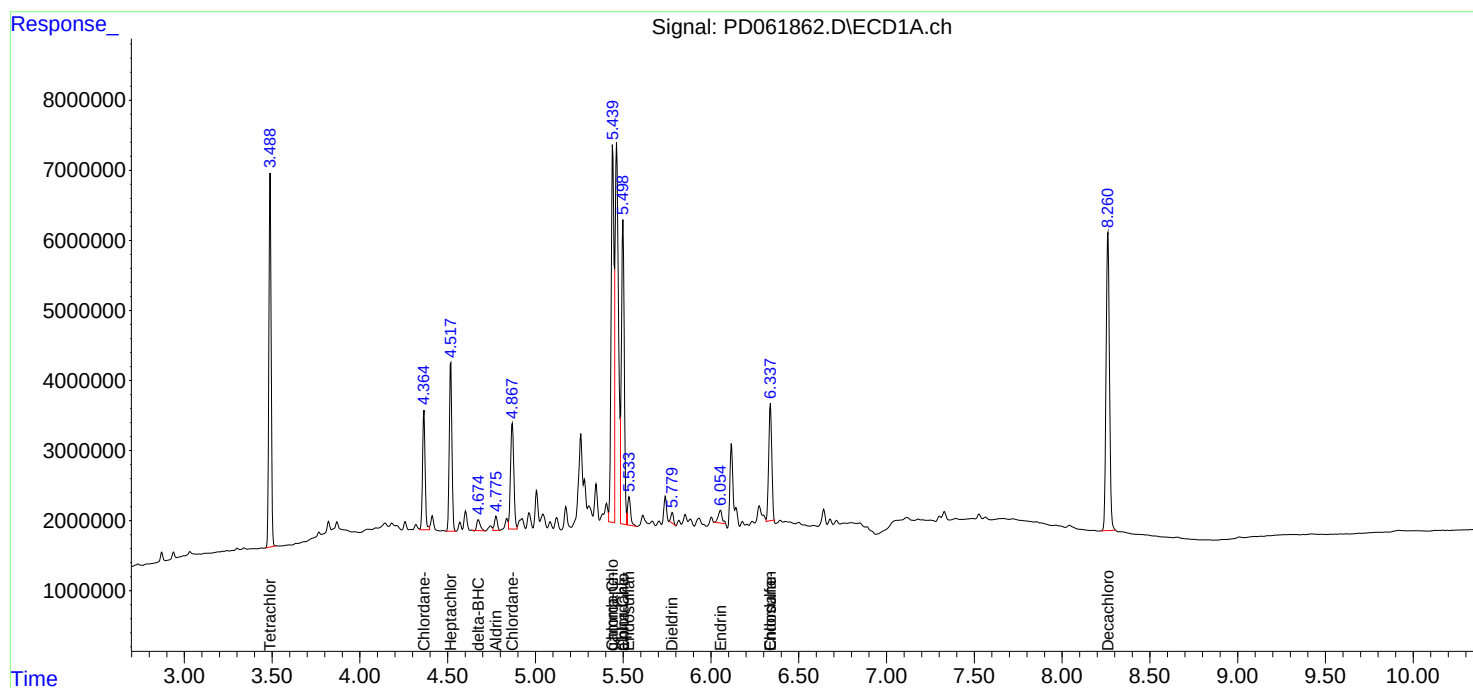
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

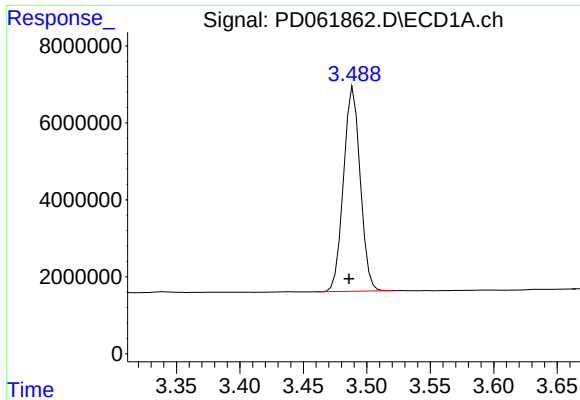
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033021\  
Data File : PD061862.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Mar 2021 11:18  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 31 04:09:04 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 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

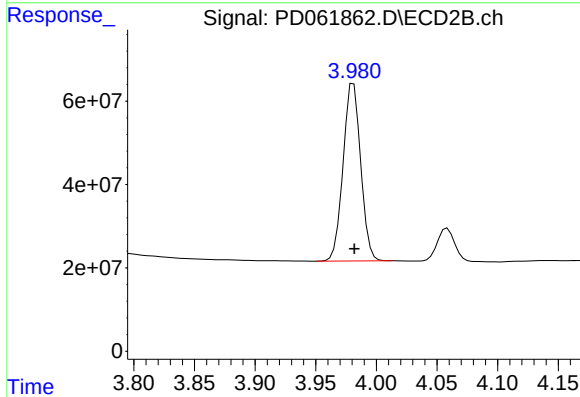




#1 Tetrachloro-m-xylene

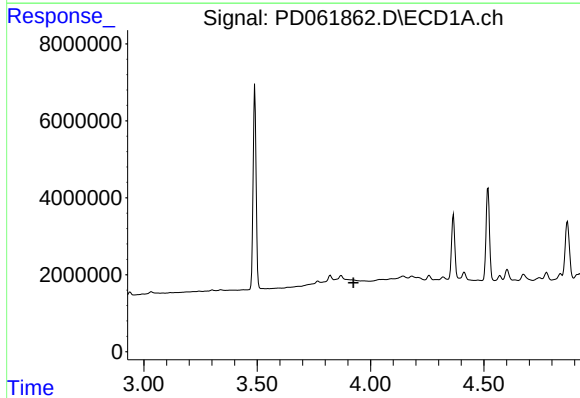
R.T.: 3.489 min  
Delta R.T.: 0.003 min  
Response: 48580534  
Conc: 58.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



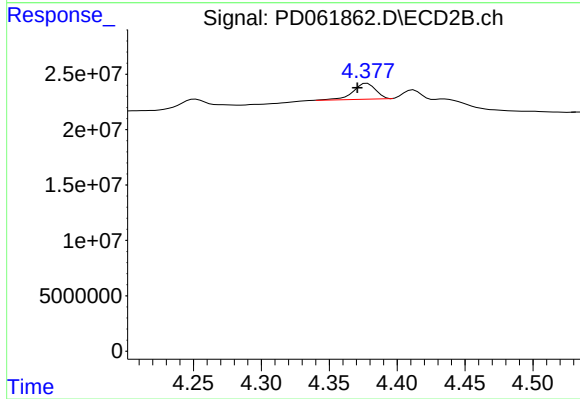
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 429829324  
Conc: 49.47 ng/ml



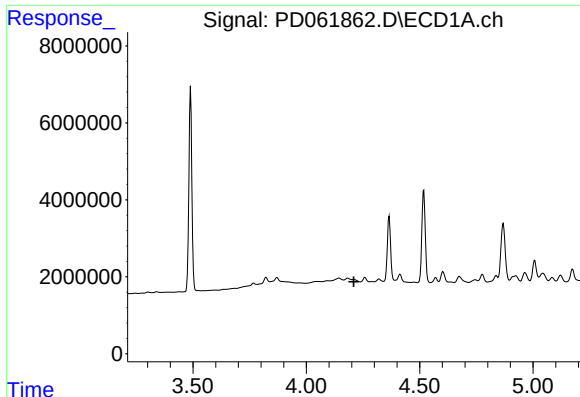
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.925 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

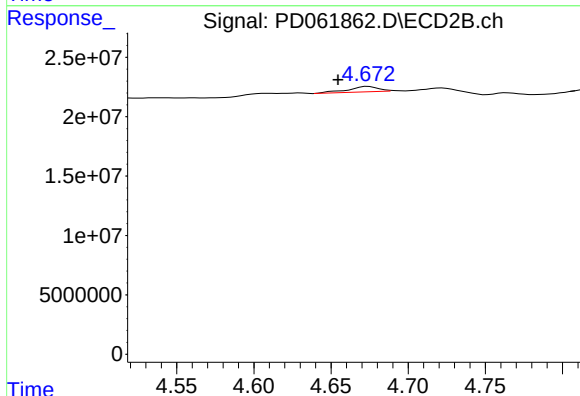
R.T.: 4.378 min  
Delta R.T.: 0.007 min  
Response: 16533241  
Conc: 1.23 ng/ml



#3 gamma-BHC (Lindane)

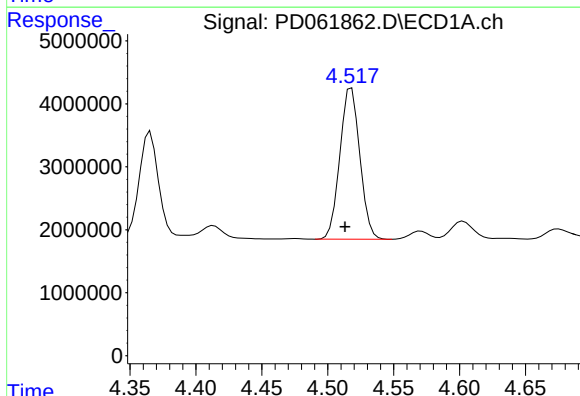
R.T.: 0.000 min  
Exp R.T.: 4.210 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



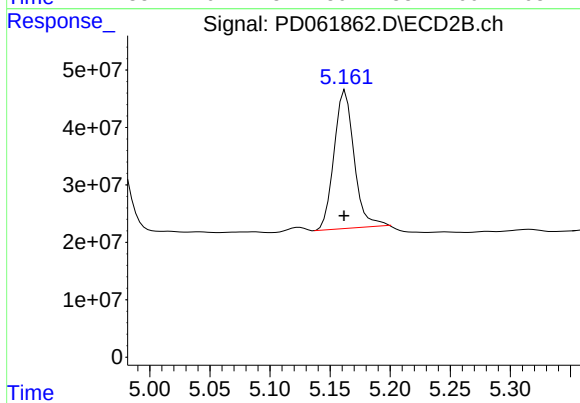
#3 gamma-BHC (Lindane)

R.T.: 4.674 min  
Delta R.T.: 0.019 min  
Response: 6351300  
Conc: 0.51 ng/ml



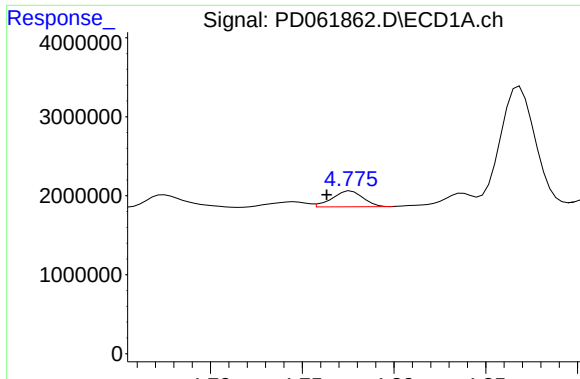
#4 Heptachlor

R.T.: 4.518 min  
Delta R.T.: 0.005 min  
Response: 25301515  
Conc: 21.73 ng/ml



#4 Heptachlor

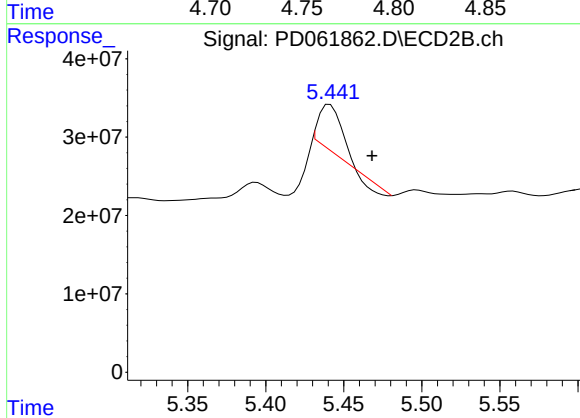
R.T.: 5.163 min  
Delta R.T.: 0.001 min  
Response: 280005575  
Conc: 21.49 ng/ml



#5 Aldrin

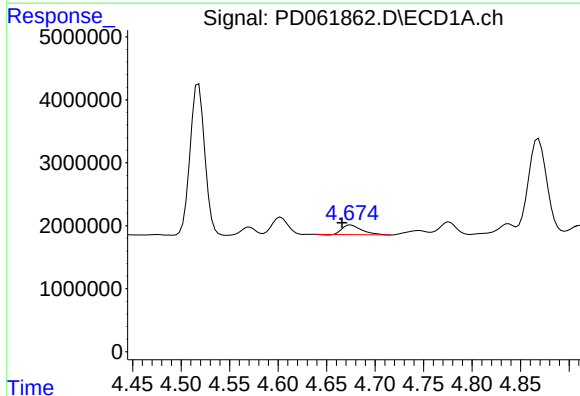
R.T.: 4.777 min  
Delta R.T.: 0.013 min  
Response: 2347288  
Conc: 1.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



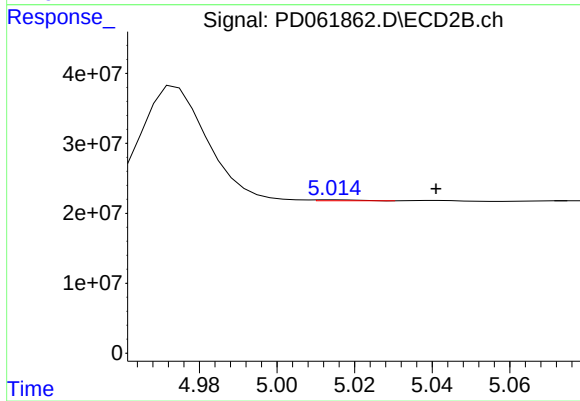
#5 Aldrin

R.T.: 5.441 min  
Delta R.T.: -0.027 min  
Response: 52154334  
Conc: 4.19 ng/ml



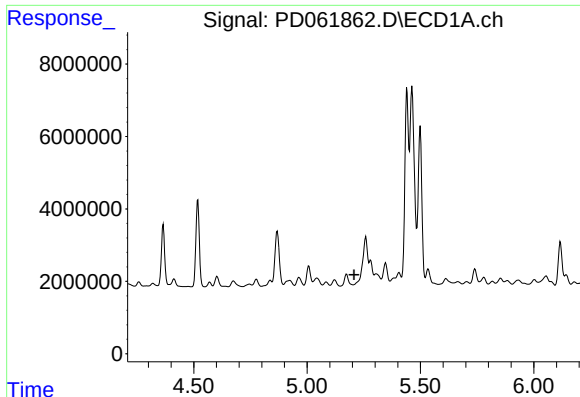
#7 delta-BHC

R.T.: 4.675 min  
Delta R.T.: 0.009 min  
Response: 2118422  
Conc: 1.74 ng/ml



#7 delta-BHC

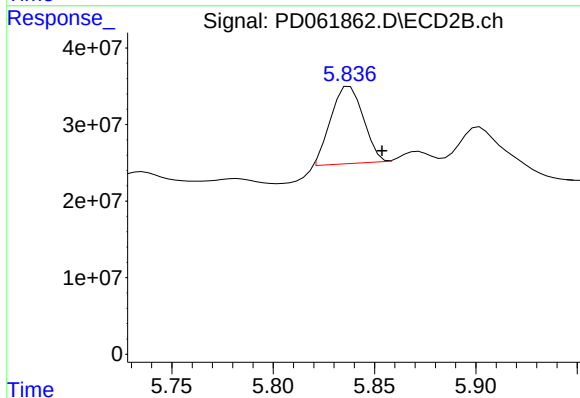
R.T.: 5.015 min  
Delta R.T.: -0.026 min  
Response: 1111200  
Conc: 0.08 ng/ml



#8 Heptachlor epoxide

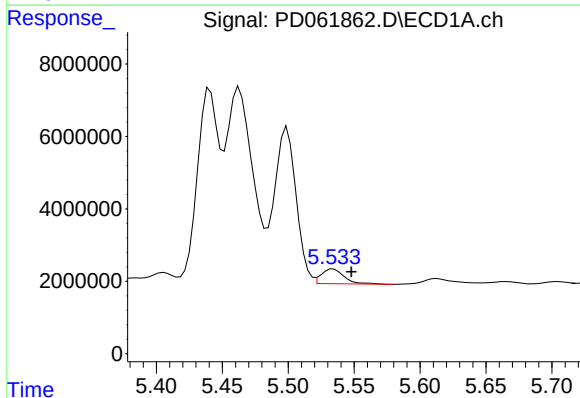
R.T.: 0.000 min  
Exp R.T.: 5.207 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



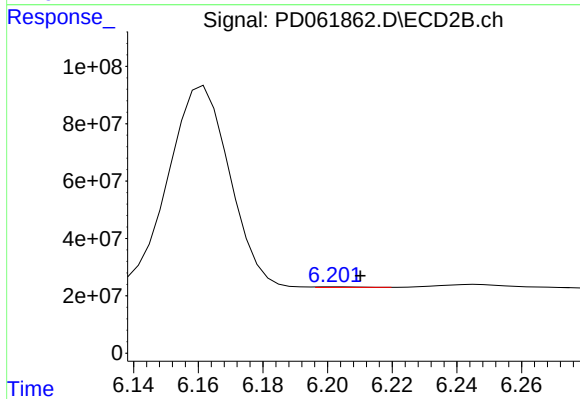
#8 Heptachlor epoxide

R.T.: 5.838 min  
Delta R.T.: -0.016 min  
Response: 111736161  
Conc: 9.44 ng/ml



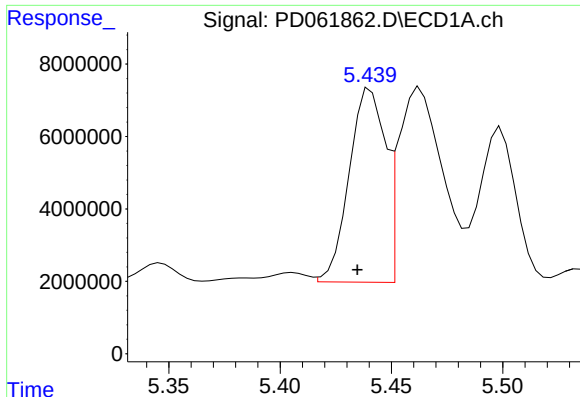
#9 Endosulfan I

R.T.: 5.534 min  
Delta R.T.: -0.014 min  
Response: 4911890  
Conc: 4.47 ng/ml



#9 Endosulfan I

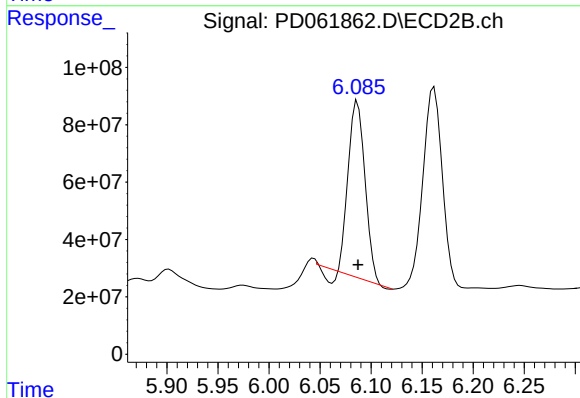
R.T.: 6.204 min  
Delta R.T.: -0.006 min  
Response: 2137583  
Conc: 0.20 ng/ml



#10 gamma-Chlordane

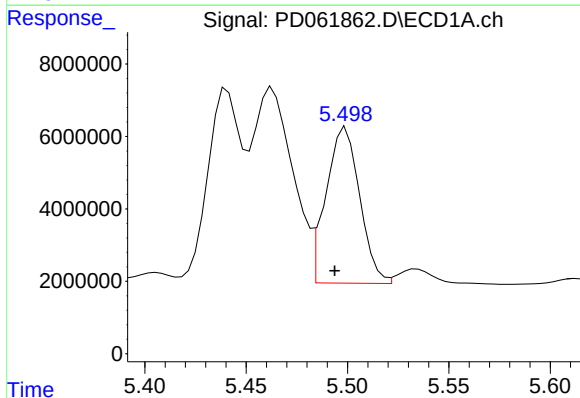
R.T.: 5.441 min  
Delta R.T.: 0.006 min  
Response: 59998788  
Conc: 51.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



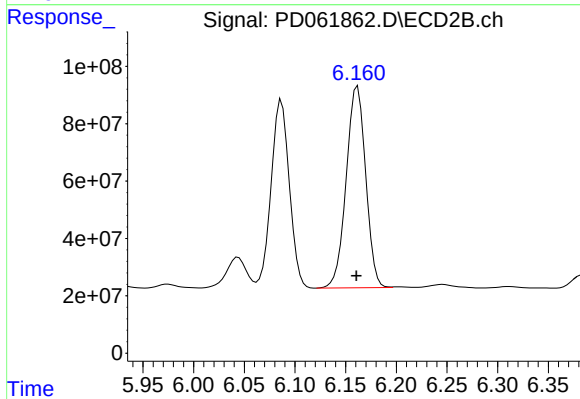
#10 gamma-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 689918986  
Conc: 58.20 ng/ml



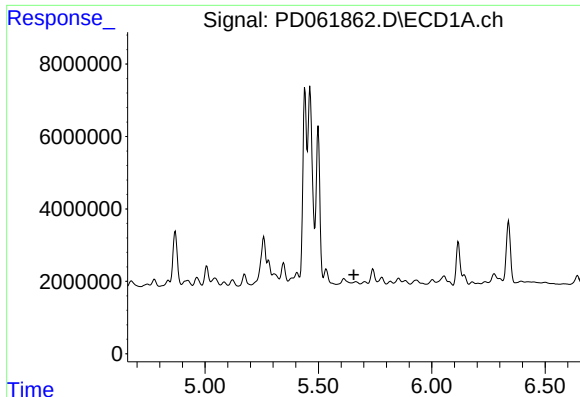
#11 alpha-Chlordane

R.T.: 5.499 min  
Delta R.T.: 0.005 min  
Response: 49853298  
Conc: 42.90 ng/ml



#11 alpha-Chlordane

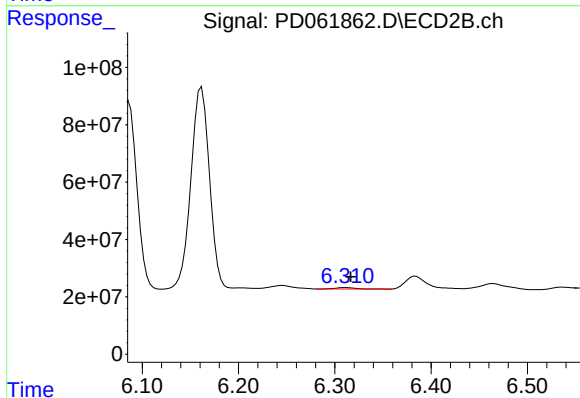
R.T.: 6.162 min  
Delta R.T.: 0.001 min  
Response: 939645838  
Conc: 82.43 ng/ml



#12 4,4'-DDE

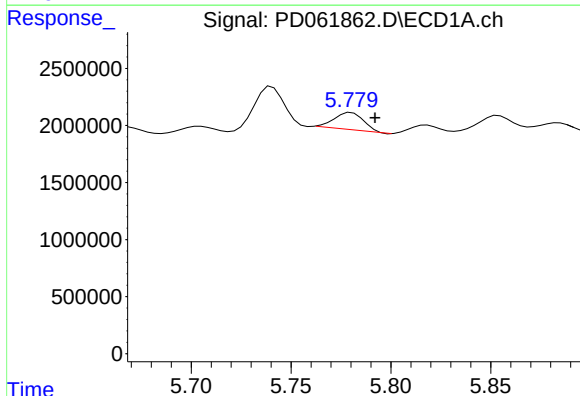
R.T.: 0.000 min  
Exp R.T.: 5.657 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



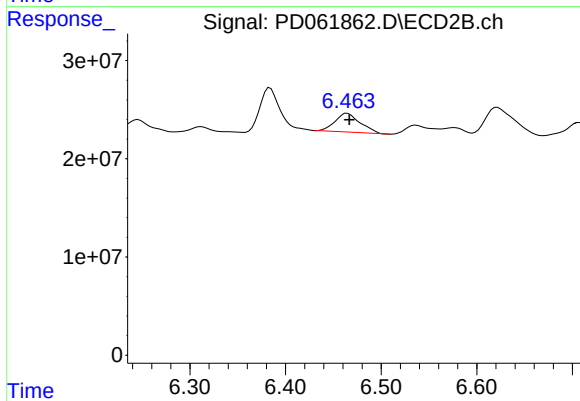
#12 4,4'-DDE

R.T.: 6.312 min  
Delta R.T.: -0.005 min  
Response: 6158662  
Conc: 0.53 ng/ml



#13 Dieldrin

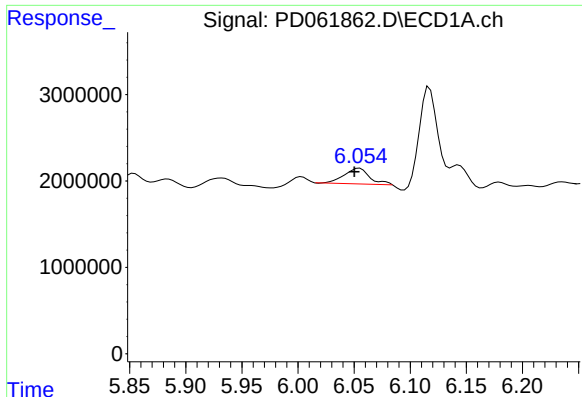
R.T.: 5.780 min  
Delta R.T.: -0.012 min  
Response: 1542395  
Conc: 1.33 ng/ml



#13 Dieldrin

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 34313908  
Conc: 2.97 ng/ml

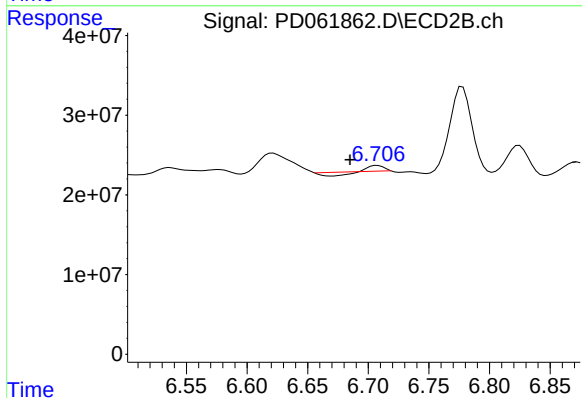




#14 Endrin

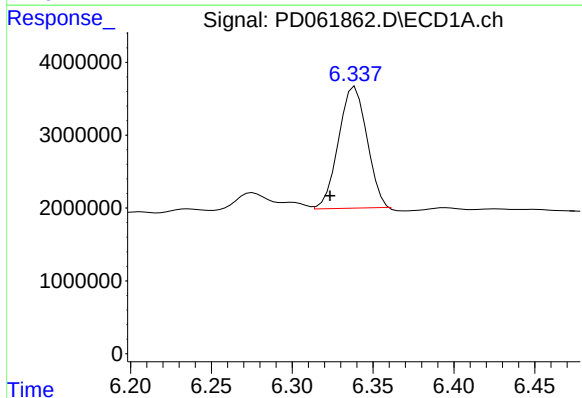
R.T.: 6.055 min  
Delta R.T.: 0.004 min  
Response: 2811594  
Conc: 2.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



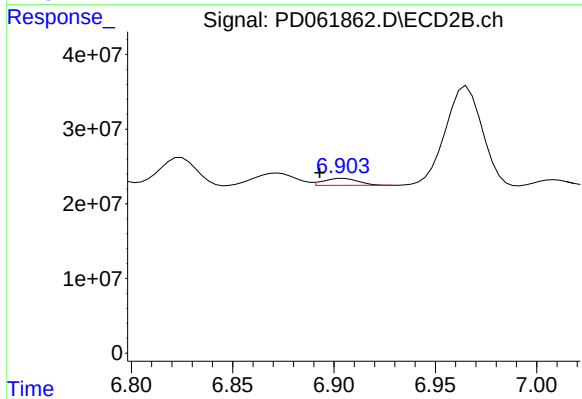
#14 Endrin

R.T.: 6.707 min  
Delta R.T.: 0.022 min  
Response: 1457514  
Conc: 0.15 ng/ml



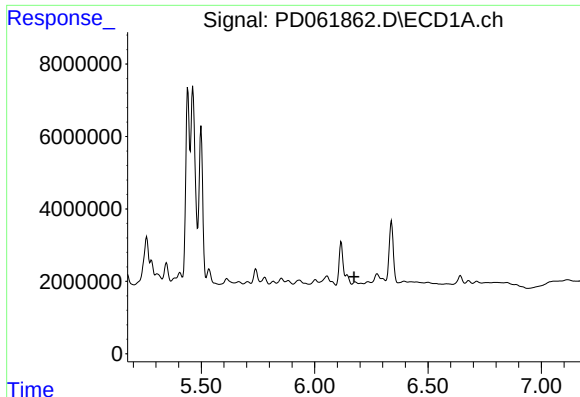
#15 Endosulfan II

R.T.: 6.339 min  
Delta R.T.: 0.015 min  
Response: 20405907  
Conc: 19.91 ng/ml



#15 Endosulfan II

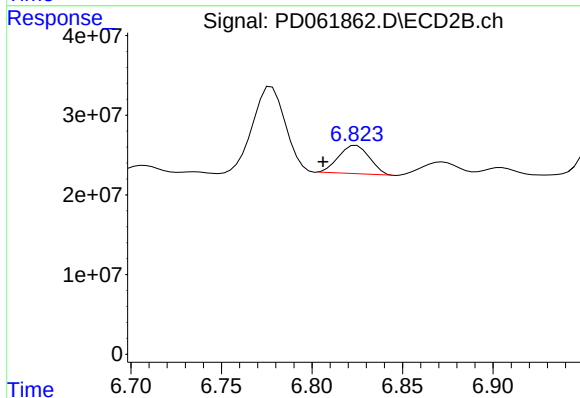
R.T.: 6.905 min  
Delta R.T.: 0.012 min  
Response: 11056800  
Conc: 1.16 ng/ml



#16 4,4'-DDD

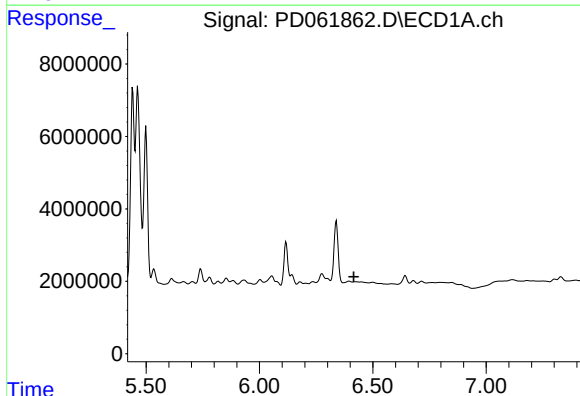
R.T.: 0.000 min  
Exp R.T.: 6.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



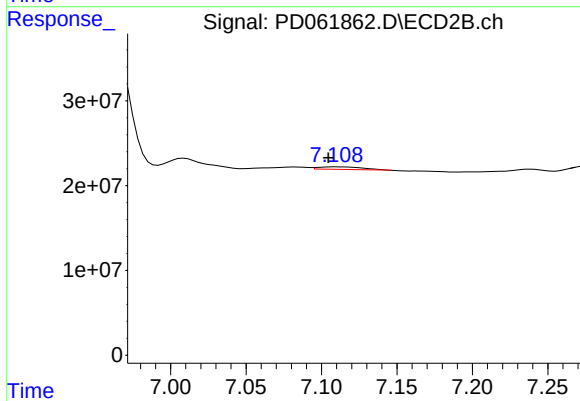
#16 4,4'-DDD

R.T.: 6.825 min  
Delta R.T.: 0.018 min  
Response: 37607326  
Conc: 3.97 ng/ml



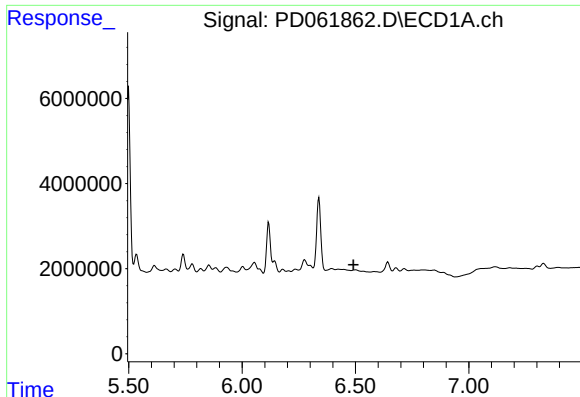
#17 4,4'-DDT

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



#17 4,4'-DDT

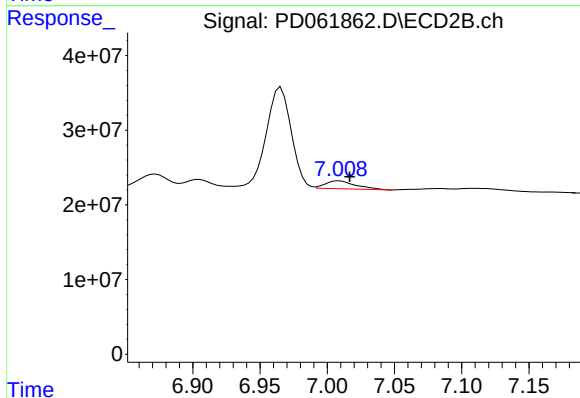
R.T.: 7.110 min  
Delta R.T.: 0.005 min  
Response: 6050366  
Conc: 0.63 ng/ml



#18 Endrin aldehyde

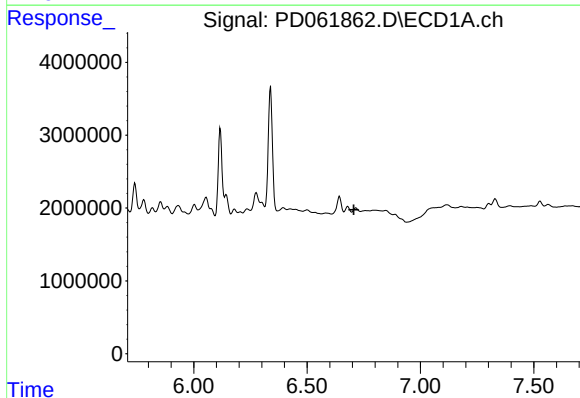
R.T.: 0.000 min  
Exp R.T.: 6.492 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



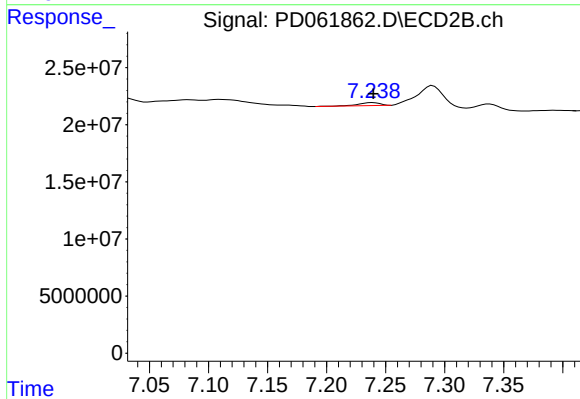
#18 Endrin aldehyde

R.T.: 7.009 min  
Delta R.T.: -0.008 min  
Response: 16752352  
Conc: 2.13 ng/ml



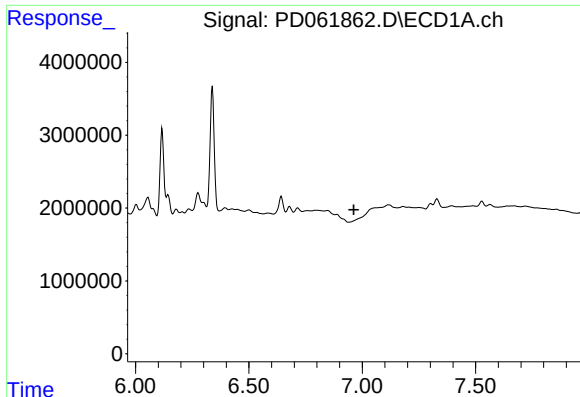
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 6.706 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

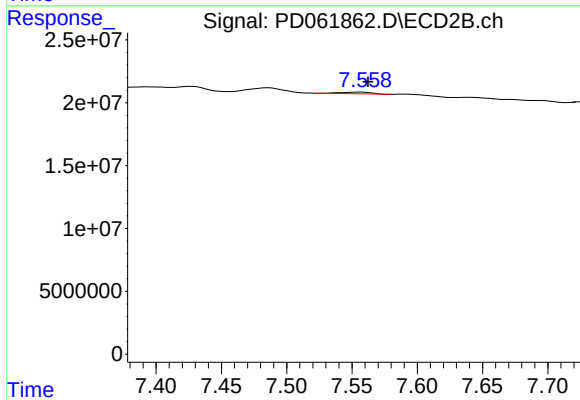
R.T.: 7.239 min  
Delta R.T.: 0.000 min  
Response: 3403312  
Conc: 0.34 ng/ml



#20 Methoxychlor

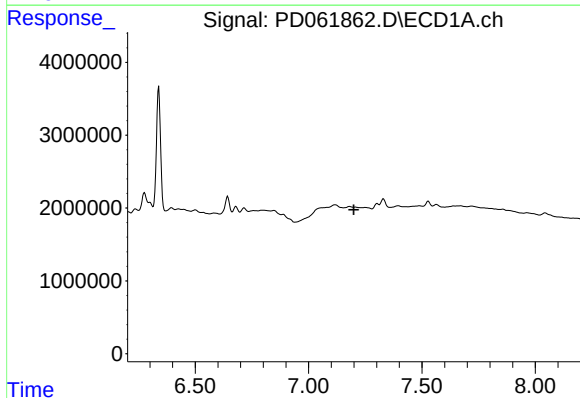
R.T.: 0.000 min  
Exp R.T.: 6.962 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



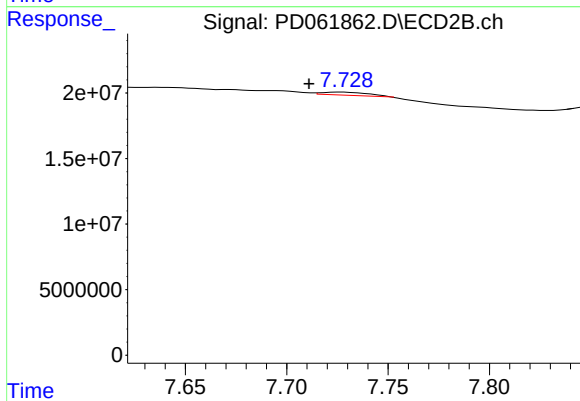
#20 Methoxychlor

R.T.: 7.557 min  
Delta R.T.: -0.006 min  
Response: 2172154  
Conc: 0.48 ng/ml



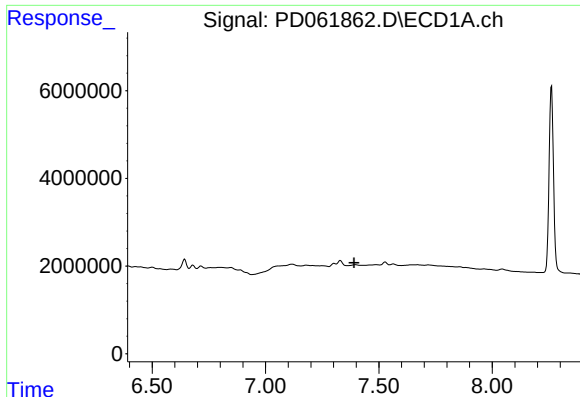
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.200 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

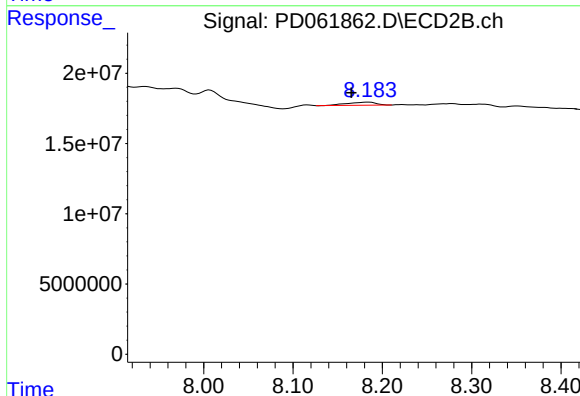
R.T.: 7.727 min  
Delta R.T.: 0.016 min  
Response: 3033707  
Conc: 0.30 ng/ml



#22 Mirex

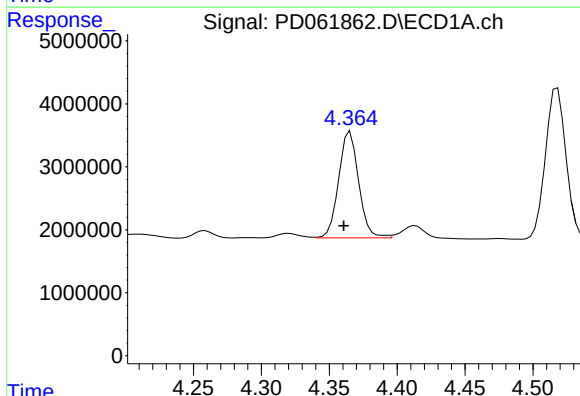
R.T.: 0.000 min  
Exp R.T.: 7.390 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



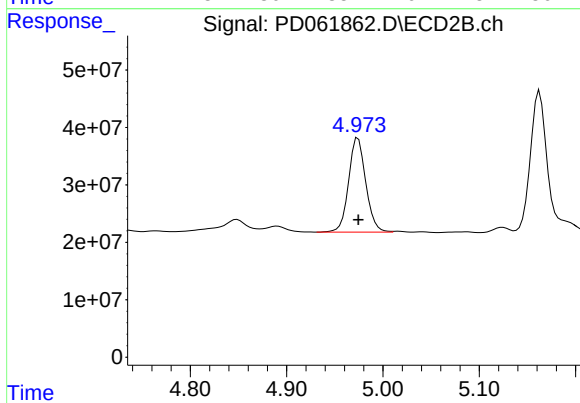
#22 Mirex

R.T.: 8.185 min  
Delta R.T.: 0.019 min  
Response: 4999104  
Conc: 0.78 ng/ml



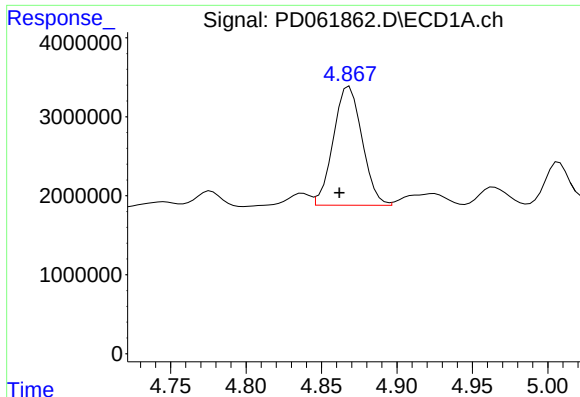
#23 Chlordane-1

R.T.: 4.365 min  
Delta R.T.: 0.005 min  
Response: 17326026  
Conc: 545.26 ng/ml



#23 Chlordane-1

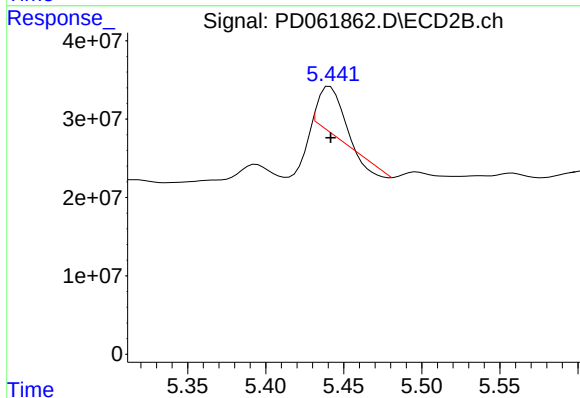
R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 202569798  
Conc: 522.16 ng/ml



#24 Chlordane-2

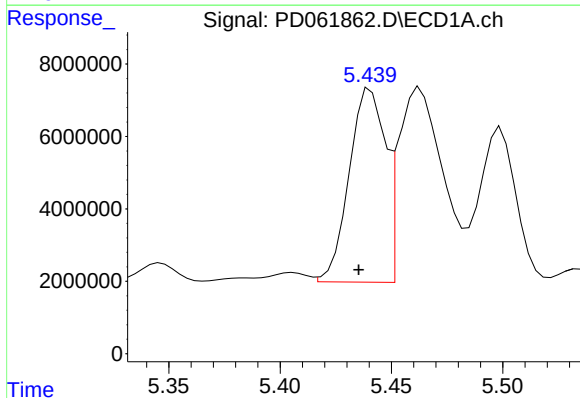
R.T.: 4.868 min  
Delta R.T.: 0.006 min  
Response: 19976778  
Conc: 512.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



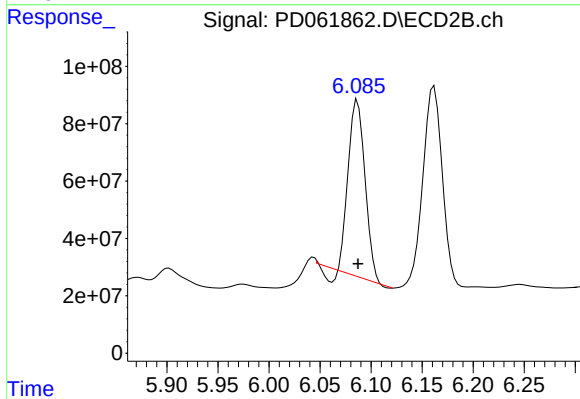
#24 Chlordane-2

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 52154334  
Conc: 135.92 ng/ml



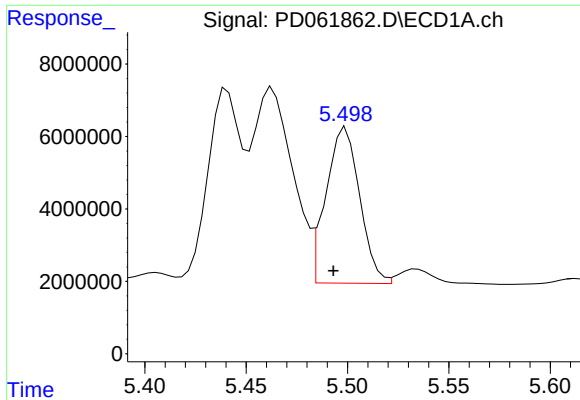
#25 Chlordane-3

R.T.: 5.441 min  
Delta R.T.: 0.005 min  
Response: 59998788  
Conc: 517.18 ng/ml



#25 Chlordane-3

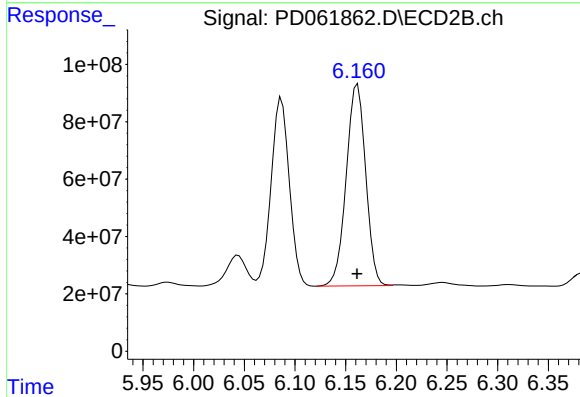
R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 689918986  
Conc: 416.18 ng/ml



#26 Chlordane-4

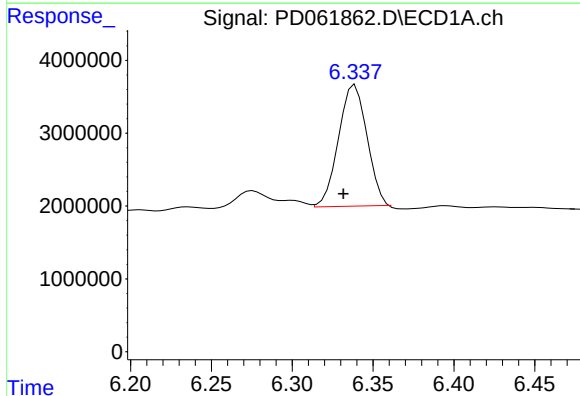
R.T.: 5.499 min  
Delta R.T.: 0.006 min  
Response: 49853298  
Conc: 518.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



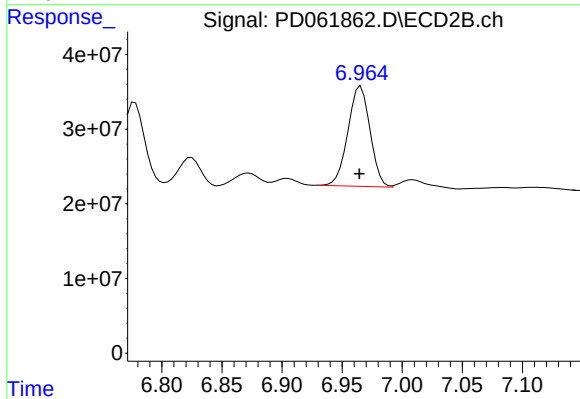
#26 Chlordane-4

R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 939645838  
Conc: 489.67 ng/ml



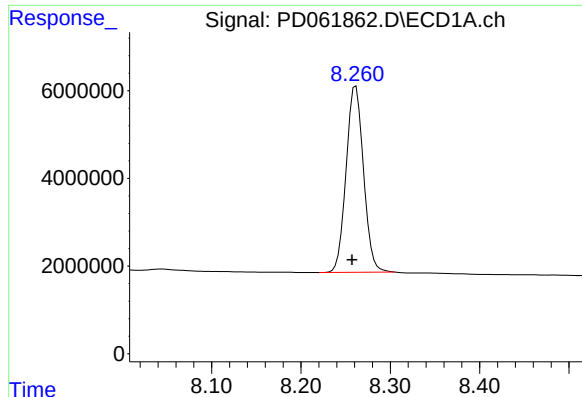
#27 Chlordane-5

R.T.: 6.339 min  
Delta R.T.: 0.007 min  
Response: 20405907  
Conc: 463.41 ng/ml



#27 Chlordane-5

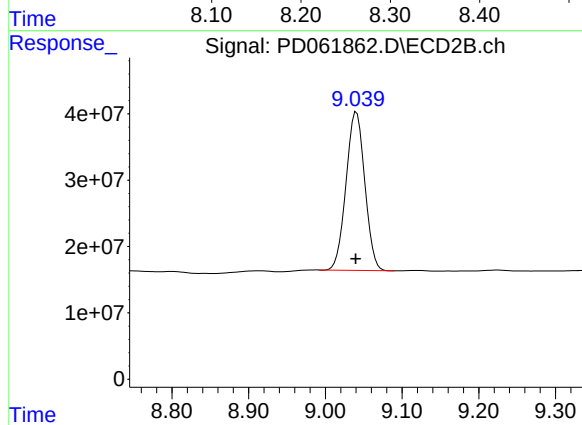
R.T.: 6.966 min  
Delta R.T.: 0.001 min  
Response: 172239851  
Conc: 477.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.261 min  
Delta R.T.: 0.004 min  
Response: 57474686  
Conc: 46.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORCCC500



#28 Decachlorobiphenyl

R.T.: 9.041 min  
Delta R.T.: 0.000 min  
Response: 407019392  
Conc: 43.11 ng/ml