

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031121\  
 Data File : PD061534.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2021 12:02  
 Operator : AR\AJ  
 Sample : M1615-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 07:34:54 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  | 3.983  | 19699949 | 201.9E6  | 24.577 | 24.201  |
| 28)                         | SA Decachlor... | 8.259  | 9.039  | 26893089 | 177.1E6  | 22.300 | 20.528  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.929  | 0.000  | 391859   | 0        | 0.318  | N.D. #  |
| 3)                          | MA gamma-BHC... | 4.213  | 4.654  | 228676   | 1364992  | 0.194  | 0.113 # |
| 4)                          | MA Heptachlor   | 0.000  | 5.167  | 0        | 1407489  | N.D.   | 0.110 # |
| 5)                          | MB Aldrin       | 0.000  | 5.450f | 0        | 838786   | N.D.   | 0.070 # |
| 6)                          | B beta-BHC      | 4.472  | 4.810  | 498007   | 473446   | 0.942  | 0.097 # |
| 7)                          | B delta-BHC     | 0.000  | 5.035  | 0        | 9296533  | N.D.   | 0.775 # |
| 8)                          | B Heptachlo...  | 0.000  | 5.862  | 0        | 7187144  | N.D.   | 0.660 # |
| 9)                          | A Endosulfan I  | 0.000  | 6.203  | 0        | 164781   | N.D.   | 0.016 # |
| 10)                         | B gamma-Chl...  | 5.436  | 6.092  | 246662   | 3859392  | 0.212  | 0.341 # |
| 11)                         | B alpha-Chl...  | 5.496  | 6.162  | 164791   | 2315656  | 0.142  | 0.212 # |
| 12)                         | B 4,4'-DDE      | 5.672  | 6.313  | 183039   | 338772   | 0.167  | 0.031 # |
| 13)                         | MA Dieldrin     | 0.000  | 6.493f | 0        | 915576   | N.D.   | 0.083 # |
| 15)                         | B Endosulfa...  | 6.311  | 6.892  | 732388   | 20935126 | 0.733  | 2.341 # |
| 16)                         | A 4,4'-DDD      | 6.194f | 0.000  | 1518158  | 0        | 1.634  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.416  | 7.121f | 603011   | 44471056 | 0.606  | 4.808 # |
| 18)                         | B Endrin al...  | 6.506  | 0.000  | 1267876  | 0        | 1.535  | N.D. #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.706  | 0        | 9710310  | N.D.   | 1.053 # |
| 22)                         | Mirex           | 7.398  | 8.141f | 433742   | 867152   | 0.437  | 0.143 # |
| 23)                         | Chlordane-1     | 4.361  | 0.000  | 304426   | 0        | 8.430  | N.D. #  |
| 24)                         | Chlordane-2     | 4.887f | 5.450  | 172578   | 838786   | 4.111  | 2.086 # |
| 25)                         | Chlordane-3     | 5.436  | 6.092  | 246662   | 3859392  | 1.967  | 2.218   |
| 26)                         | Chlordane-4     | 5.496  | 6.162  | 164791   | 2315656  | 1.579  | 1.148 # |
| 27)                         | Chlordane-5     | 6.311f | 6.971  | 732388   | 1077603  | 15.122 | 2.828 # |
| -----                       |                 |        |        |          |          |        |         |

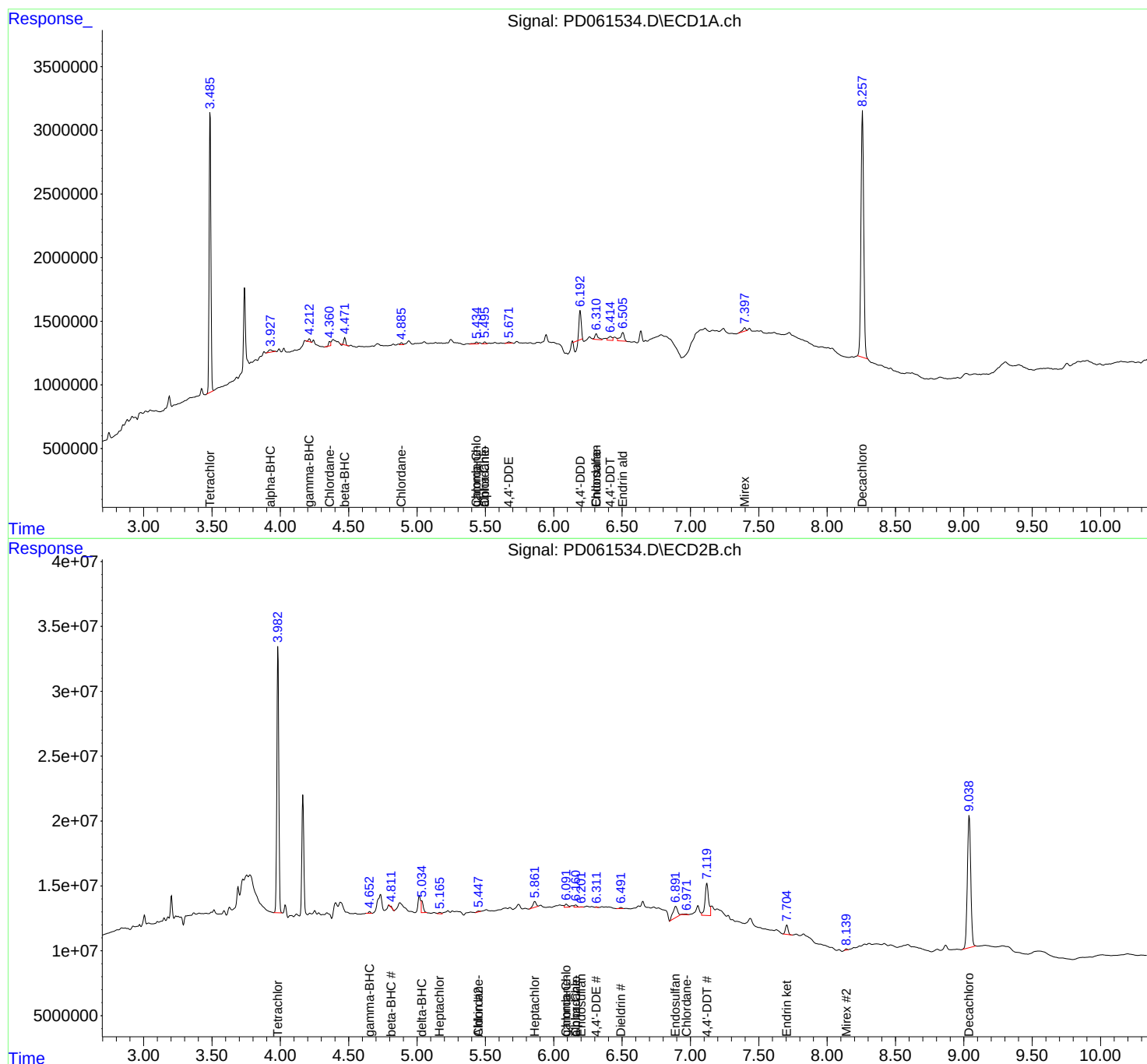
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

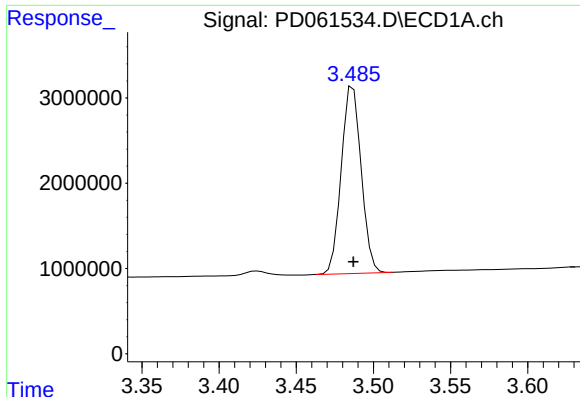
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031121\  
Data File : PD061534.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2021 12:02  
Operator : AR\AJ  
Sample : M1615-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 07:34:54 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

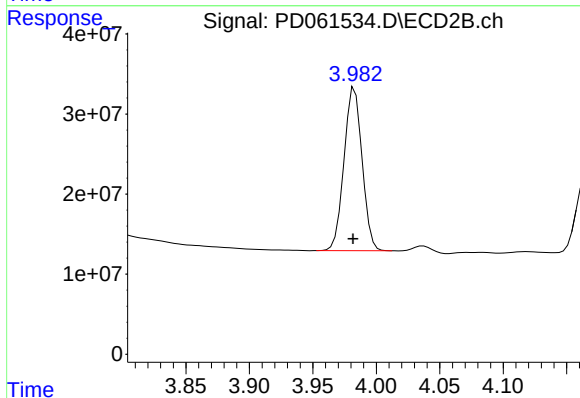




#1 Tetrachloro-m-xylene

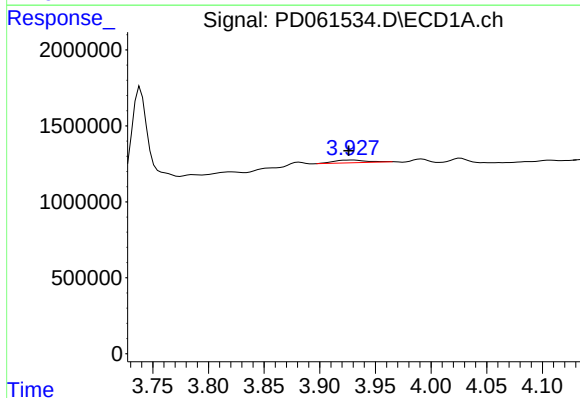
R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 19699949  
Conc: 24.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



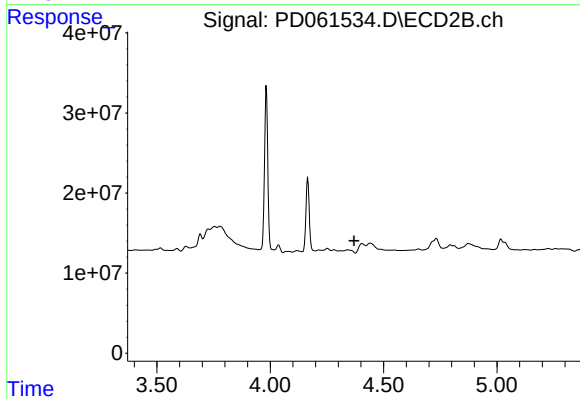
#1 Tetrachloro-m-xylene

R.T.: 3.983 min  
Delta R.T.: 0.001 min  
Response: 201912463  
Conc: 24.20 ng/ml



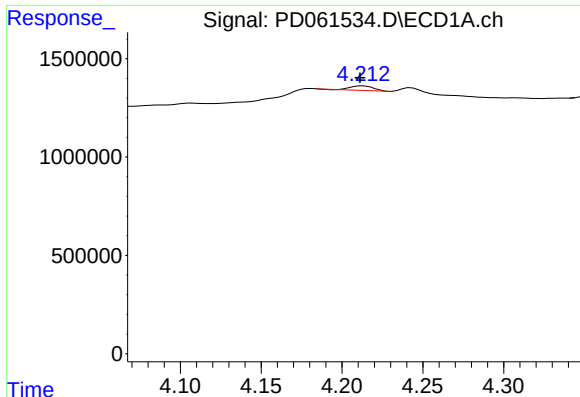
#2 alpha-BHC

R.T.: 3.929 min  
Delta R.T.: 0.003 min  
Response: 391859  
Conc: 0.32 ng/ml



#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.370 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

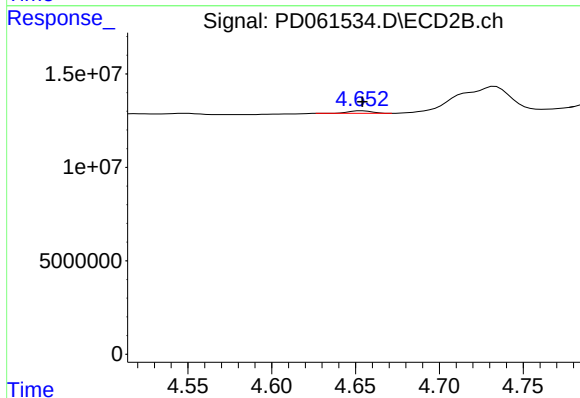
R.T.: 4.213 min

Delta R.T.: 0.002 min

Response: 228676

Conc: 0.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



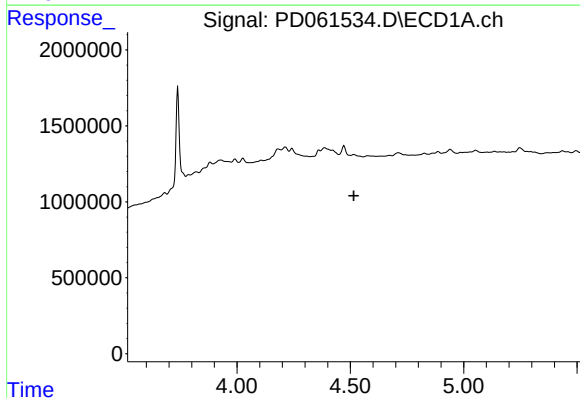
#3 gamma-BHC (Lindane)

R.T.: 4.654 min

Delta R.T.: 0.000 min

Response: 1364992

Conc: 0.11 ng/ml



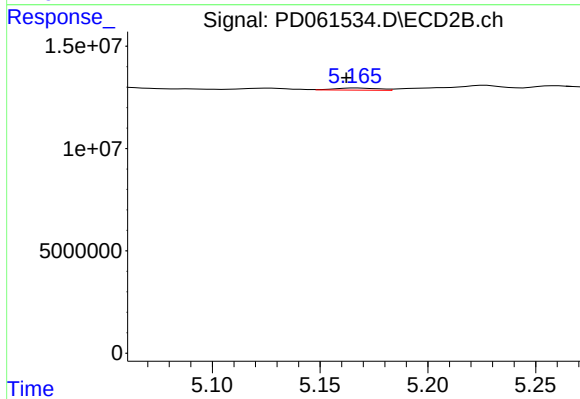
#4 Heptachlor

R.T.: 0.000 min

Exp R.T. : 4.515 min

Response: 0

Conc: N.D.



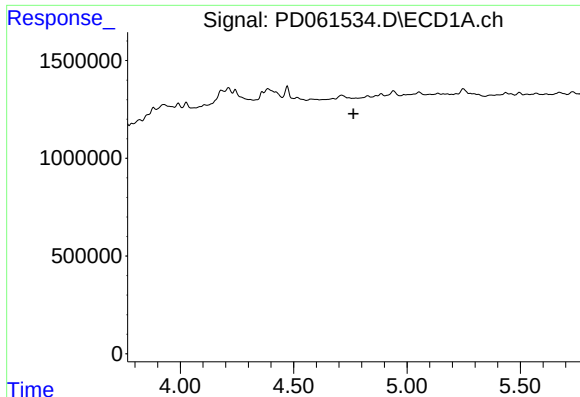
#4 Heptachlor

R.T.: 5.167 min

Delta R.T.: 0.004 min

Response: 1407489

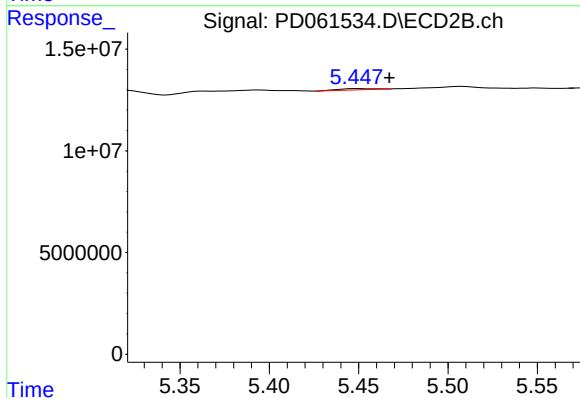
Conc: 0.11 ng/ml



#5 Aldrin

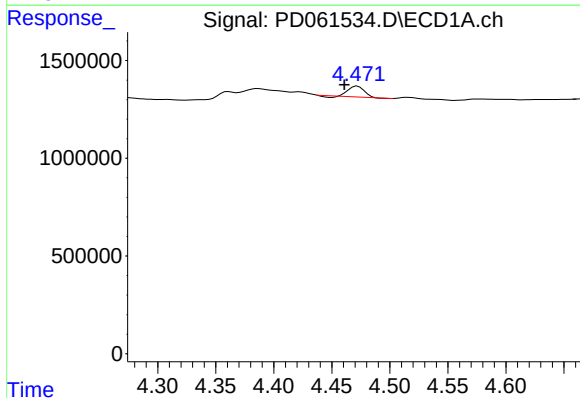
R.T.: 0.000 min  
Exp R.T.: 4.765 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



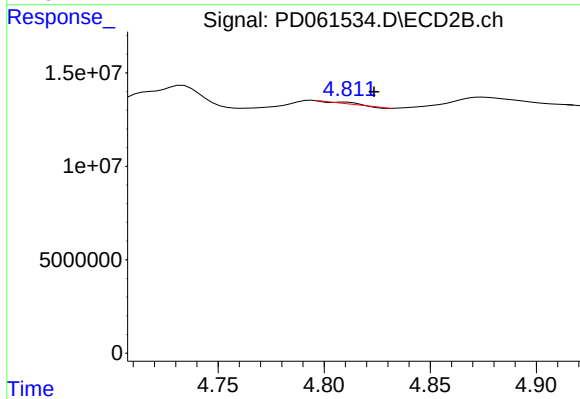
#5 Aldrin

R.T.: 5.450 min  
Delta R.T.: -0.018 min  
Response: 838786  
Conc: 0.07 ng/ml



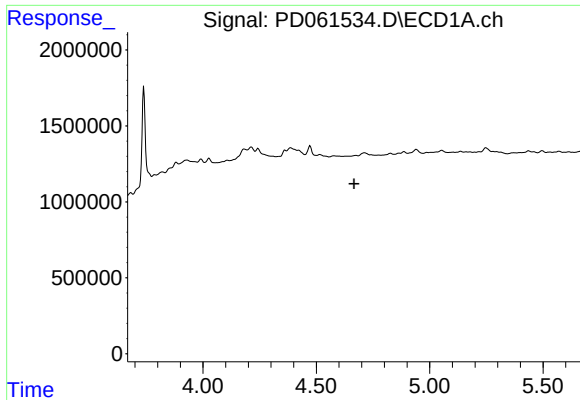
#6 beta-BHC

R.T.: 4.472 min  
Delta R.T.: 0.012 min  
Response: 498007  
Conc: 0.94 ng/ml



#6 beta-BHC

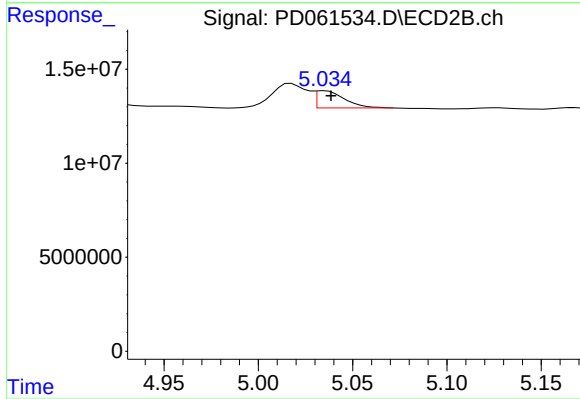
R.T.: 4.810 min  
Delta R.T.: -0.013 min  
Response: 473446  
Conc: 0.10 ng/ml



#7 delta-BHC

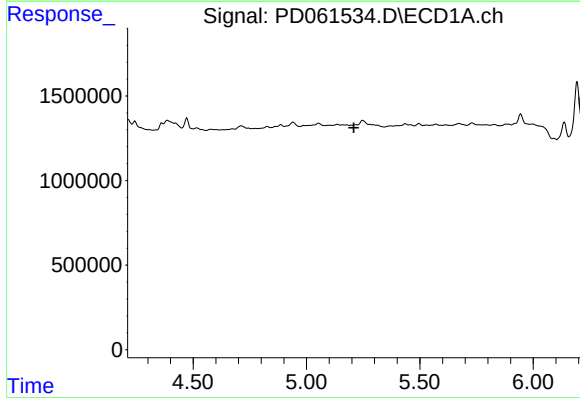
R.T.: 0.000 min  
Exp R.T. : 4.667 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



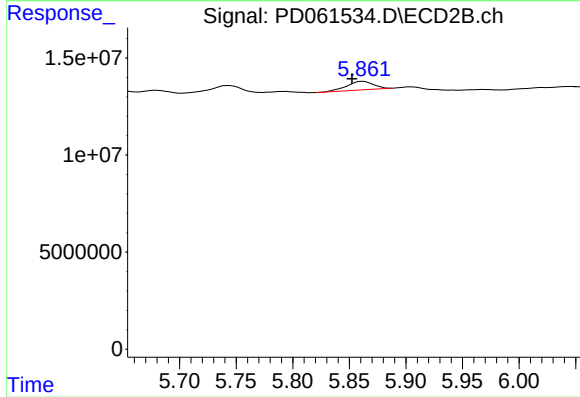
#7 delta-BHC

R.T.: 5.035 min  
Delta R.T.: -0.004 min  
Response: 9296533  
Conc: 0.78 ng/ml



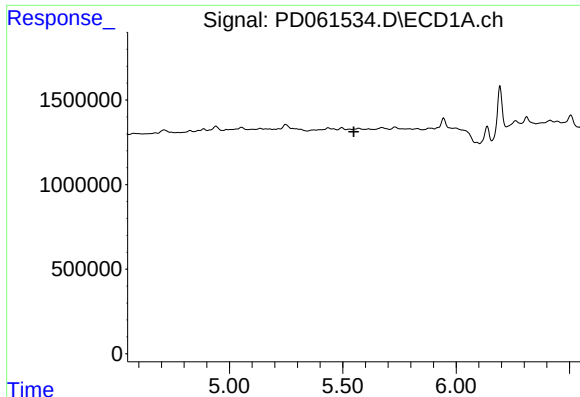
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

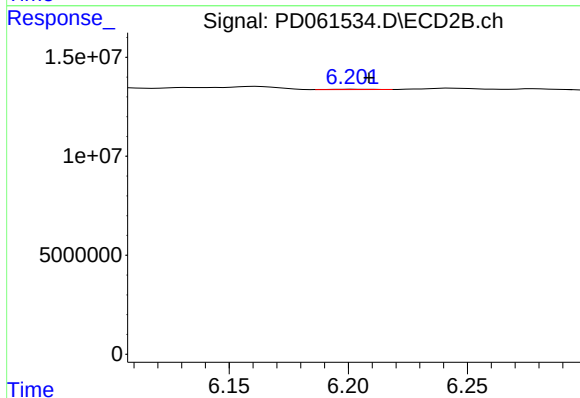
R.T.: 5.862 min  
Delta R.T.: 0.010 min  
Response: 7187144  
Conc: 0.66 ng/ml



#9 Endosulfan I

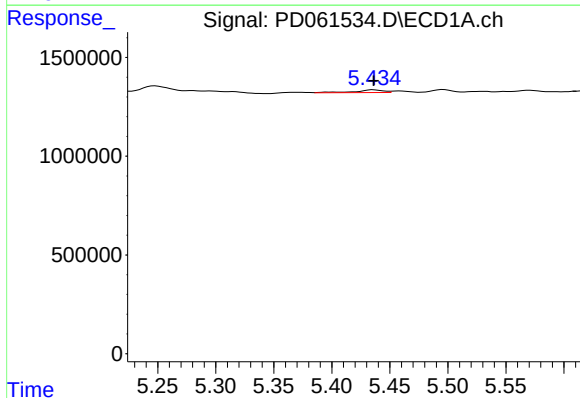
R.T.: 0.000 min  
Exp R.T.: 5.549 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



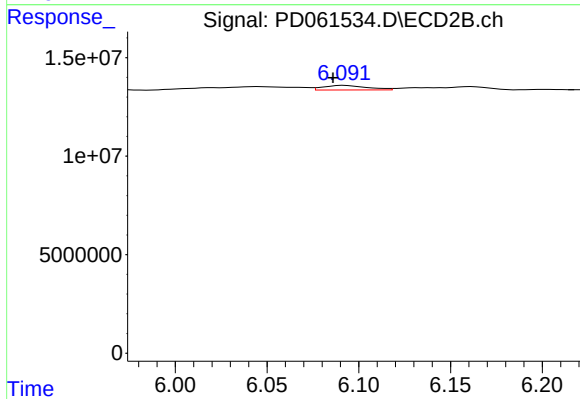
#9 Endosulfan I

R.T.: 6.203 min  
Delta R.T.: -0.006 min  
Response: 164781  
Conc: 0.02 ng/ml



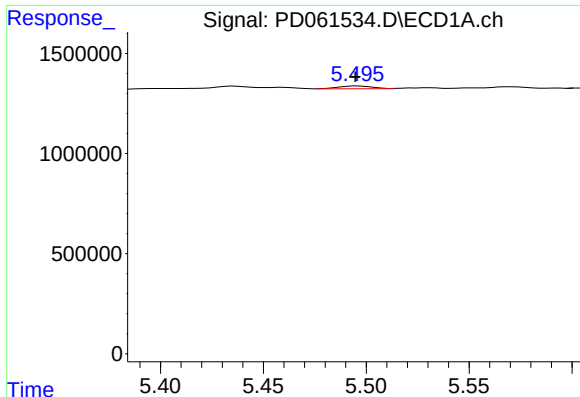
#10 gamma-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 246662  
Conc: 0.21 ng/ml



#10 gamma-Chlordane

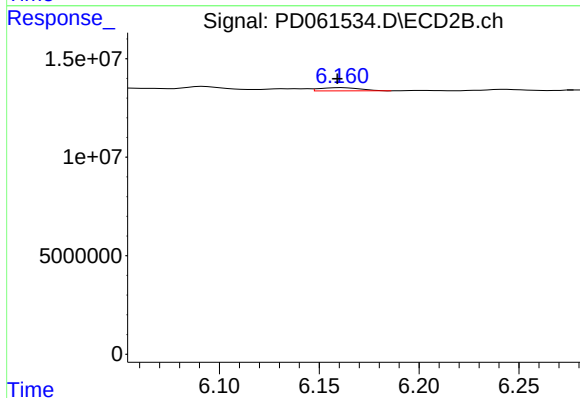
R.T.: 6.092 min  
Delta R.T.: 0.006 min  
Response: 3859392  
Conc: 0.34 ng/ml



#11 alpha-Chlordane

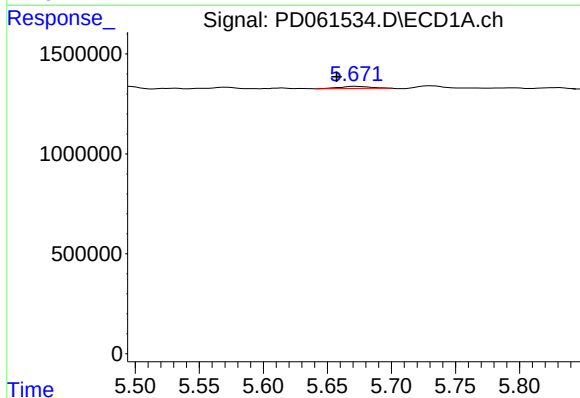
R.T.: 5.496 min  
Delta R.T.: 0.001 min  
Response: 164791  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



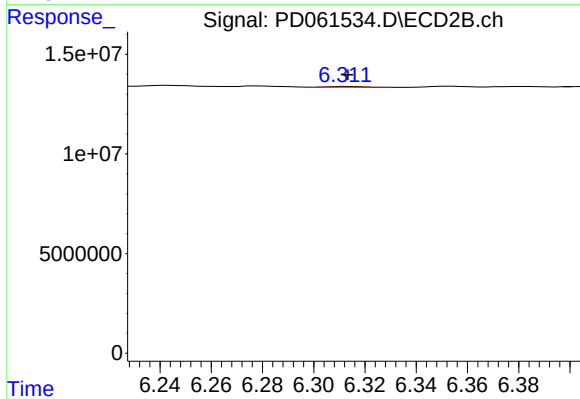
#11 alpha-Chlordane

R.T.: 6.162 min  
Delta R.T.: 0.002 min  
Response: 2315656  
Conc: 0.21 ng/ml



#12 4,4'-DDE

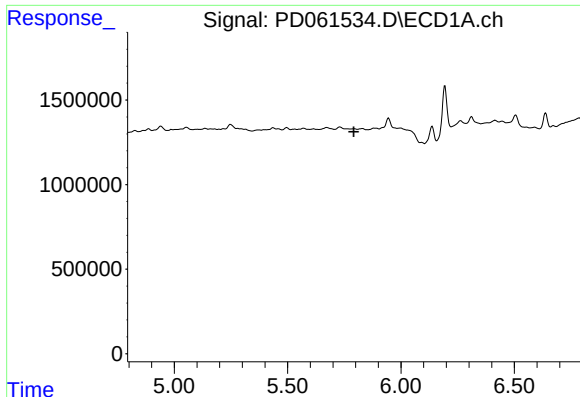
R.T.: 5.672 min  
Delta R.T.: 0.015 min  
Response: 183039  
Conc: 0.17 ng/ml



#12 4,4'-DDE

R.T.: 6.313 min  
Delta R.T.: 0.000 min  
Response: 338772  
Conc: 0.03 ng/ml

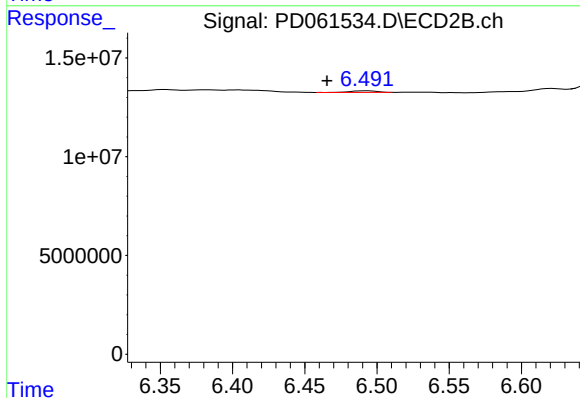




#13 Dieldrin

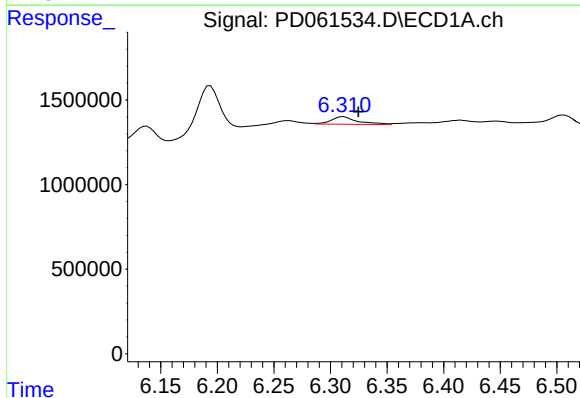
R.T.: 0.000 min  
Exp R.T.: 5.792 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



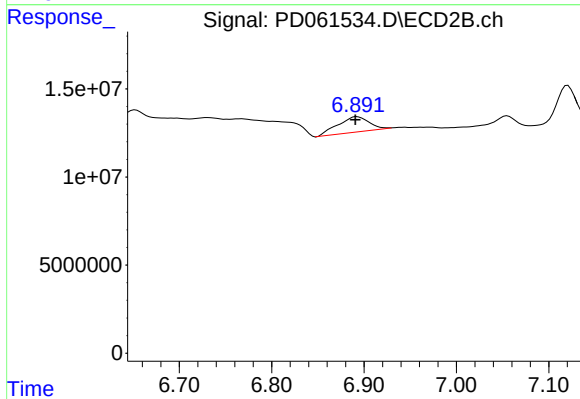
#13 Dieldrin

R.T.: 6.493 min  
Delta R.T.: 0.027 min  
Response: 915576  
Conc: 0.08 ng/ml



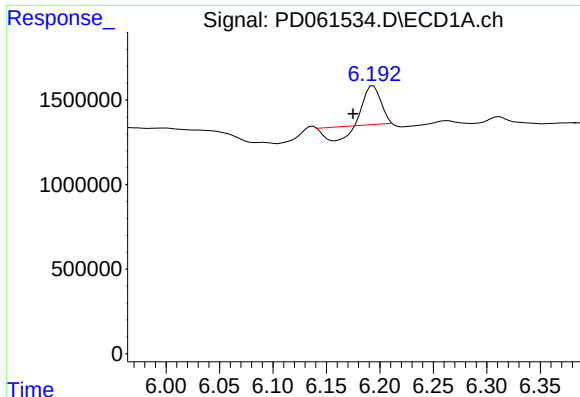
#15 Endosulfan II

R.T.: 6.311 min  
Delta R.T.: -0.013 min  
Response: 732388  
Conc: 0.73 ng/ml



#15 Endosulfan II

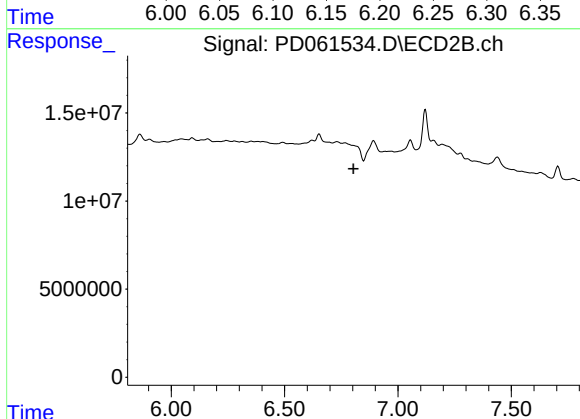
R.T.: 6.892 min  
Delta R.T.: 0.002 min  
Response: 20935126  
Conc: 2.34 ng/ml



#16 4,4'-DDD

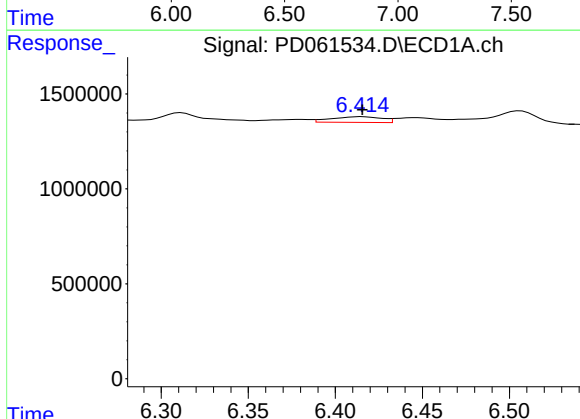
R.T.: 6.194 min  
Delta R.T.: 0.019 min  
Response: 1518158  
Conc: 1.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



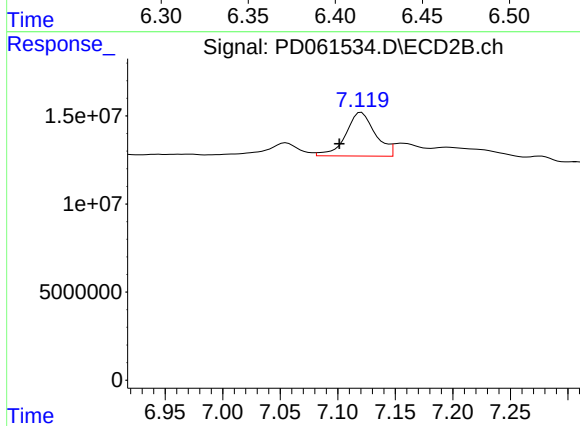
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.804 min  
Response: 0  
Conc: N.D.



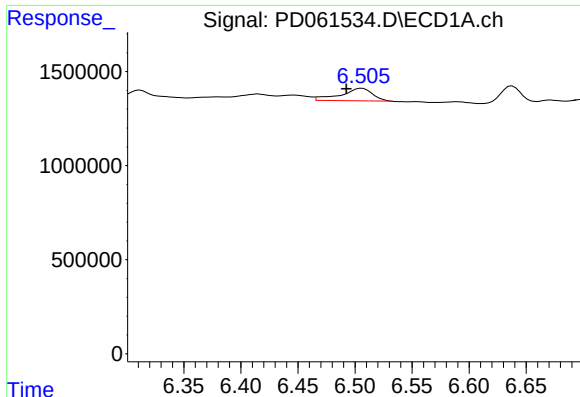
#17 4,4'-DDT

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 603011  
Conc: 0.61 ng/ml



#17 4,4'-DDT

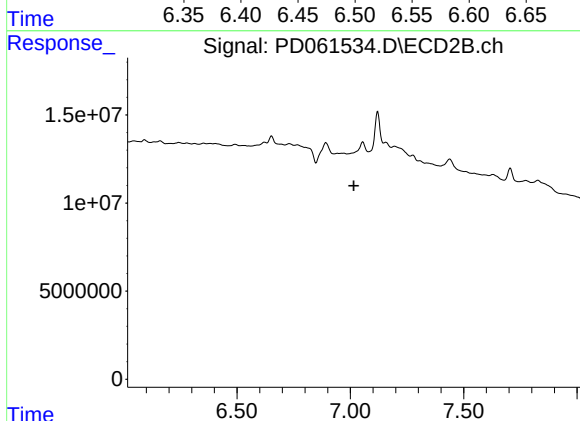
R.T.: 7.121 min  
Delta R.T.: 0.019 min  
Response: 44471056  
Conc: 4.81 ng/ml



#18 Endrin aldehyde

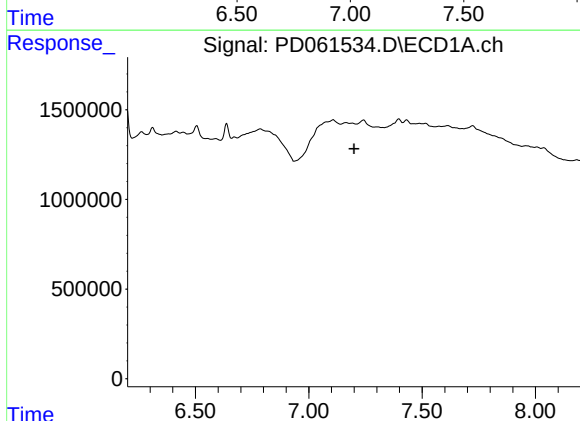
R.T.: 6.506 min  
Delta R.T.: 0.014 min  
Response: 1267876  
Conc: 1.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



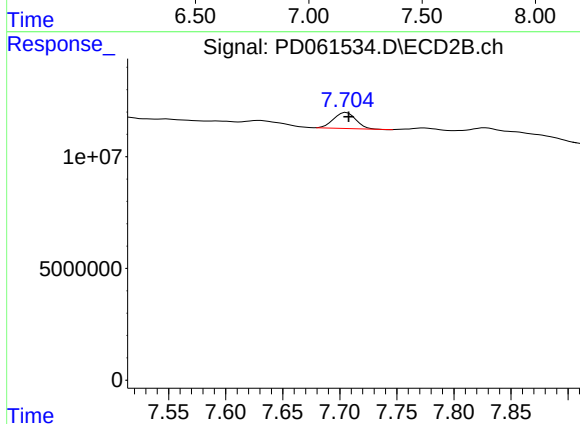
#18 Endrin aldehyde

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



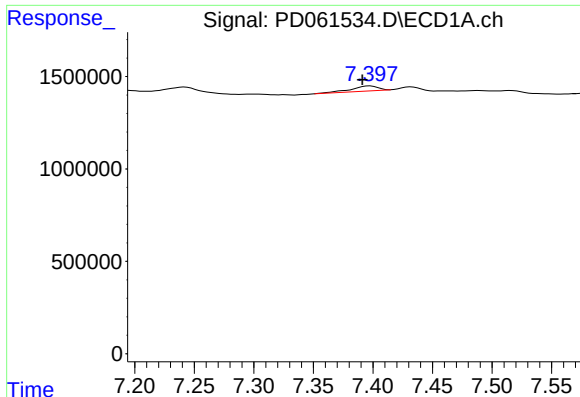
#21 Endrin ketone

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



#21 Endrin ketone

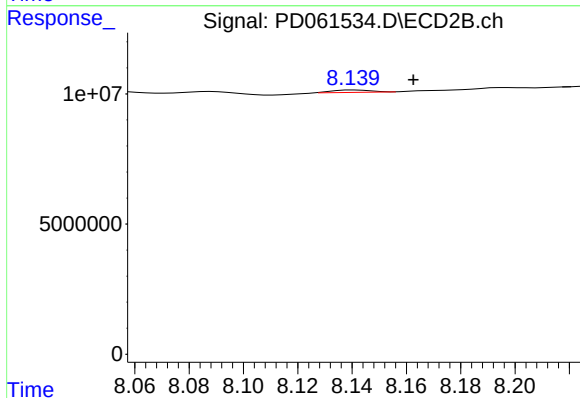
R.T.: 7.706 min  
Delta R.T.: -0.002 min  
Response: 9710310  
Conc: 1.05 ng/ml



#22 Mirex

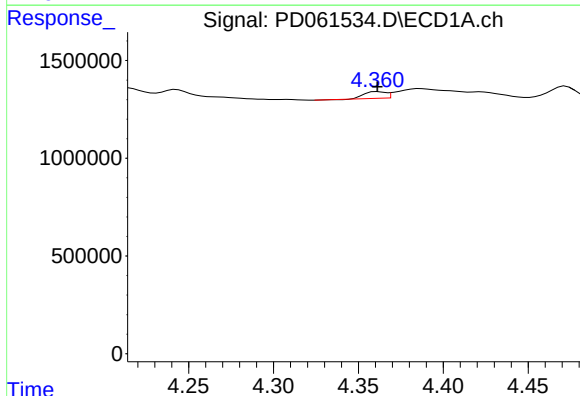
R.T.: 7.398 min  
Delta R.T.: 0.007 min  
Response: 433742  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



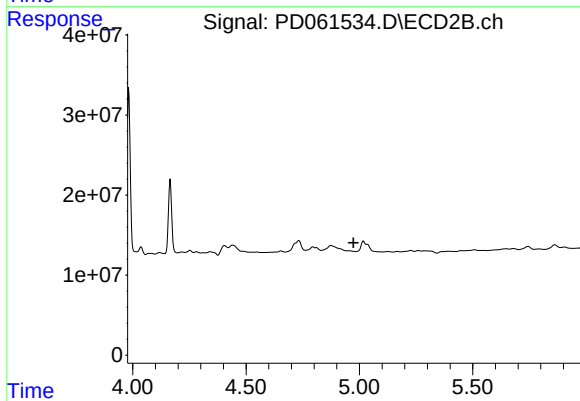
#22 Mirex

R.T.: 8.141 min  
Delta R.T.: -0.022 min  
Response: 867152  
Conc: 0.14 ng/ml



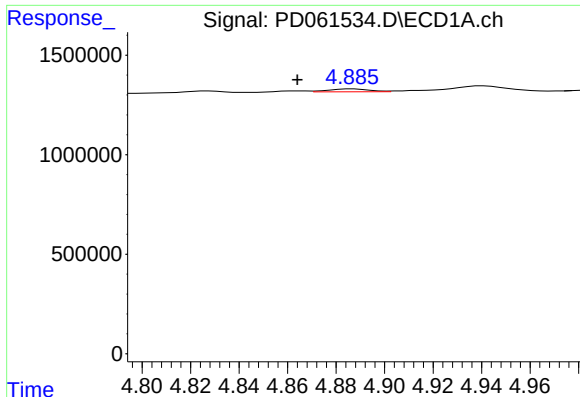
#23 Chlordane-1

R.T.: 4.361 min  
Delta R.T.: 0.000 min  
Response: 304426  
Conc: 8.43 ng/ml



#23 Chlordane-1

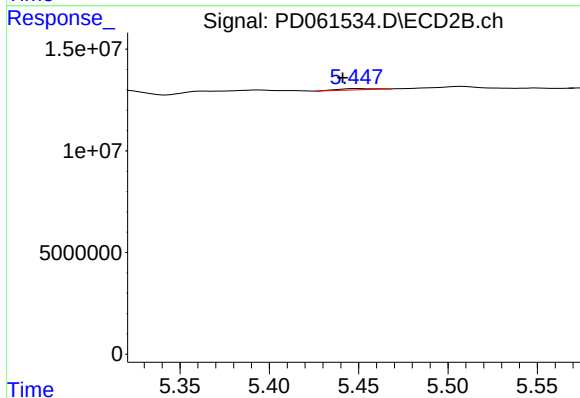
R.T.: 0.000 min  
Exp R.T. : 4.974 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

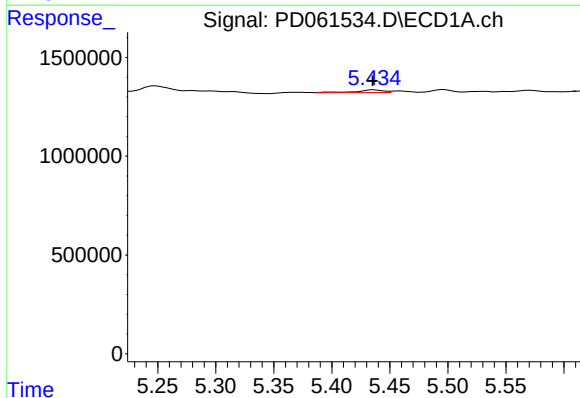
R.T.: 4.887 min  
Delta R.T.: 0.023 min  
Response: 172578  
Conc: 4.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



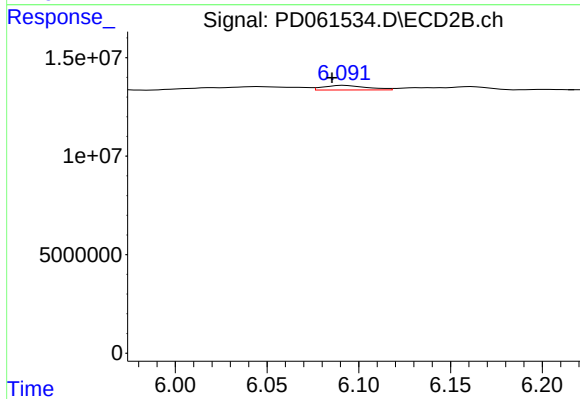
#24 Chlordane-2

R.T.: 5.450 min  
Delta R.T.: 0.008 min  
Response: 838786  
Conc: 2.09 ng/ml



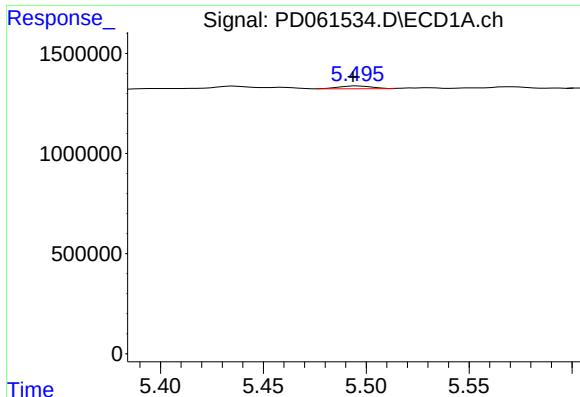
#25 Chlordane-3

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 246662  
Conc: 1.97 ng/ml



#25 Chlordane-3

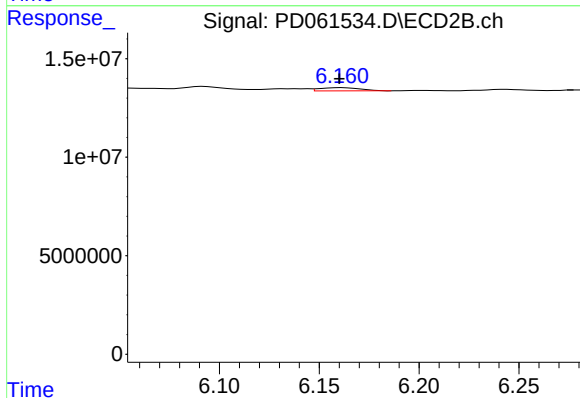
R.T.: 6.092 min  
Delta R.T.: 0.007 min  
Response: 3859392  
Conc: 2.22 ng/ml



#26 Chlordane-4

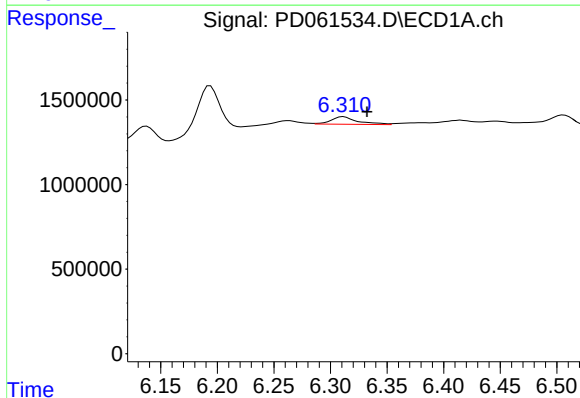
R.T.: 5.496 min  
Delta R.T.: 0.002 min  
Response: 164791  
Conc: 1.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



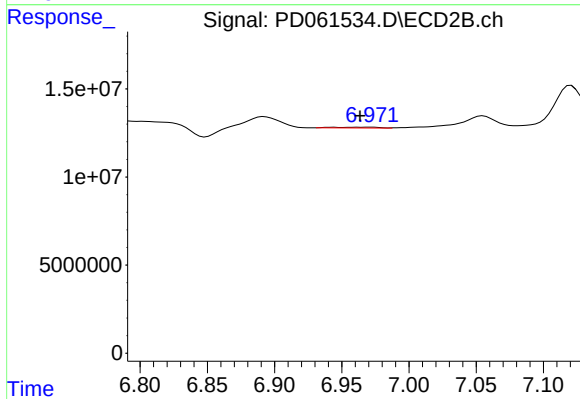
#26 Chlordane-4

R.T.: 6.162 min  
Delta R.T.: 0.001 min  
Response: 2315656  
Conc: 1.15 ng/ml



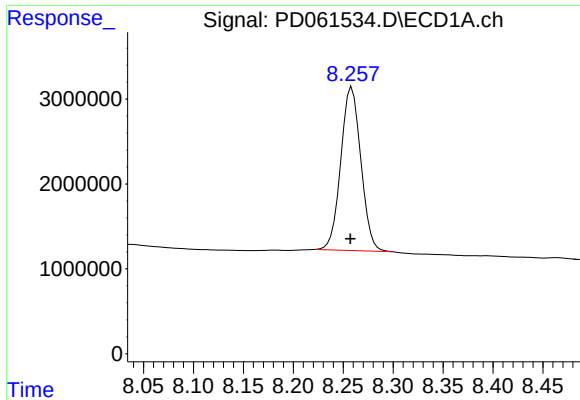
#27 Chlordane-5

R.T.: 6.311 min  
Delta R.T.: -0.021 min  
Response: 732388  
Conc: 15.12 ng/ml



#27 Chlordane-5

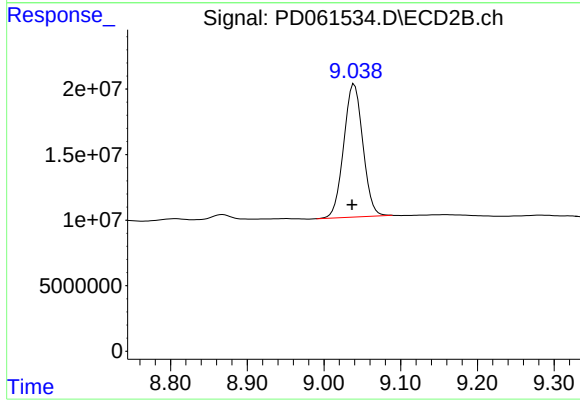
R.T.: 6.971 min  
Delta R.T.: 0.008 min  
Response: 1077603  
Conc: 2.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.259 min  
Delta R.T.: 0.001 min  
Response: 26893089  
Conc: 22.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.039 min  
Delta R.T.: 0.003 min  
Response: 177116792  
Conc: 20.53 ng/ml