

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112724\  
 Data File : PD086963.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Nov 2024 15:12  
 Operator : AR\AJ  
 Sample : PCHLORICV500  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 15:44:34 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 15:43:38 2024  
 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... | 3.557  | 2.884  | 101.8E6  | 700.7E6  | 51.952  | 51.598    |
| 28)                         | SA Decachlor... | 9.089  | 8.088  | 158.3E6  | 699.8E6  | 51.084  | 50.692    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.031f | 3.389  | 4412132  | 2069629  | 1.096   | 0.117 #   |
| 3)                          | MA gamma-BHC... | 4.367f | 0.000  | 1799359  | 0        | 0.451   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.939  | 4.090  | 105.1E6  | 400.7E6  | 26.777  | 24.652    |
| 5)                          | MB Aldrin       | 5.251f | 4.391  | 73556853 | 41799831 | 18.047  | 2.500 #   |
| 6)                          | B beta-BHC      | 4.526  | 4.041  | 300623   | 1336262  | 0.191   | 0.187     |
| 7)                          | B delta-BHC     | 4.784  | 4.271  | 550001   | 38668220 | 0.135   | 2.274 #   |
| 8)                          | B Heptachlo...  | 5.681f | 0.000  | 45701804 | 0        | 12.647  | N.D. #    |
| 9)                          | A Endosulfan I  | 0.000  | 5.240f | 0        | 59029178 | N.D.    | 4.158 #   |
| 10)                         | B gamma-Chl...  | 5.957  | 5.135  | 289.9E6  | 750.9E6  | 82.046  | 48.269 #  |
| 11)                         | B alpha-Chl...  | 6.042  | 5.200  | 348.2E6  | 666.8E6  | 97.461  | 43.632 #  |
| 12)                         | B 4,4'-DDE      | 6.194  | 5.375  | -1050185 | 22927912 | N.D.    | 1.521     |
| 13)                         | MA Dieldrin     | 6.365  | 5.504f | 16394536 | 42192684 | 4.538   | 2.710 #   |
| 14)                         | MA Endrin       | 6.610f | 5.800  | 3169494  | 70597581 | 1.047   | 5.047 #   |
| 15)                         | B Endosulfa...  | 6.798  | 6.100  | 2941270  | 331.5E6  | 0.984   | 24.081 #  |
| 16)                         | A 4,4'-DDD      | 6.694f | 5.933  | 41845558 | 9885478  | 16.097  | 0.786 #   |
| 17)                         | MA 4,4'-DDT     | 7.000f | 6.192  | 740567   | 4262109  | 0.262   | 0.320     |
| 19)                         | B Endosulfa...  | 7.161  | 6.497  | 572199   | 15273983 | 0.197   | 1.129 #   |
| 20)                         | A Methoxychlor  | 7.499  | 6.774  | 1375847  | 3334197  | 0.860   | 0.465 #   |
| 21)                         | B Endrin ke...  | 0.000  | 6.983f | 0        | 5767652  | N.D.    | 0.383 #   |
| 22)                         | Mirex           | 8.129  | 7.203  | 313403   | -122082  | 0.126   | N.D. #    |
| 23)                         | Chlordane-1     | 4.725  | 3.912  | 68119448 | 269.9E6  | 533.346 | 518.701   |
| 24)                         | Chlordane-2     | 5.251  | 4.495  | 73556853 | 285.9E6  | 516.974 | 513.114   |
| 25)                         | Chlordane-3     | 5.957  | 5.135  | 289.9E6  | 750.9E6  | 531.251 | 453.950   |
| 26)                         | Chlordane-4     | 6.042  | 5.200  | 348.2E6  | 666.8E6  | 527.809 | 475.556   |
| 27)                         | Chlordane-5     | 6.882  | 6.100  | 12980933 | 331.5E6  | 110.673 | 517.284 # |
| -----                       |                 |        |        |          |          |         |           |

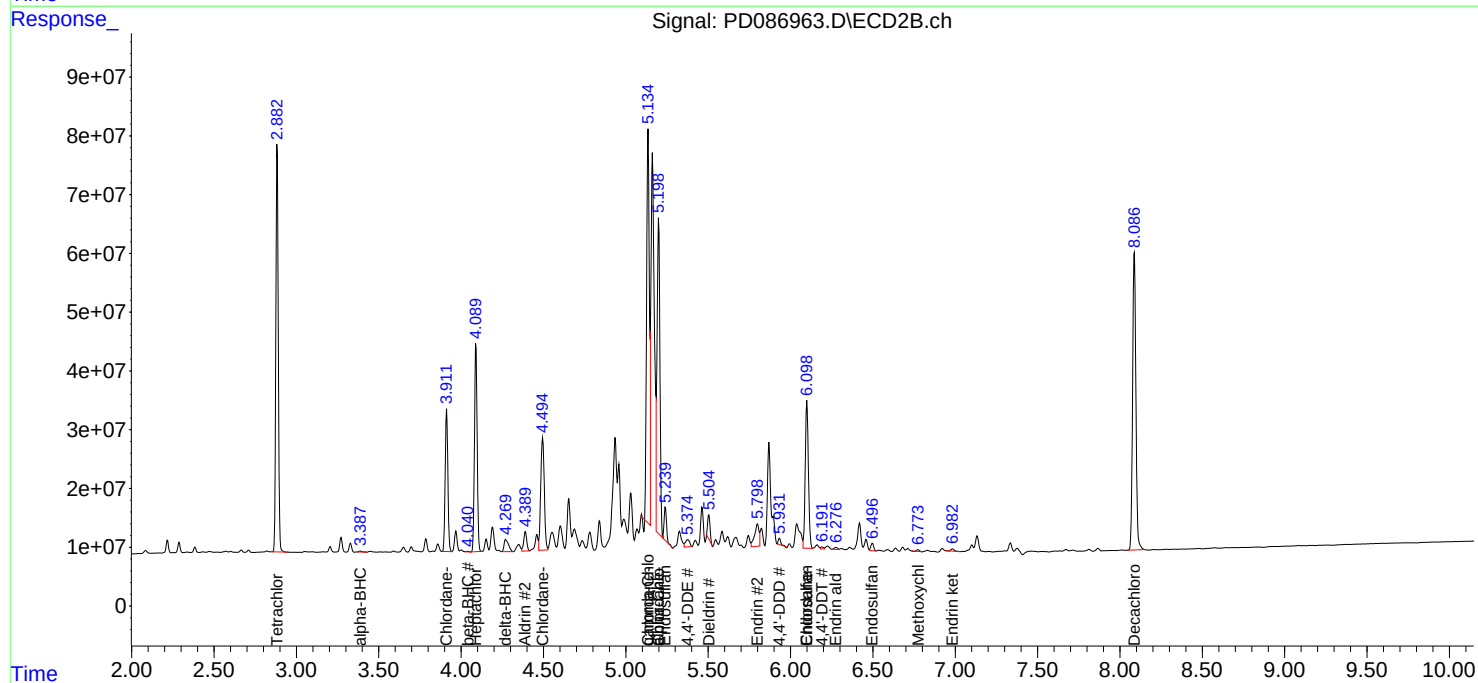
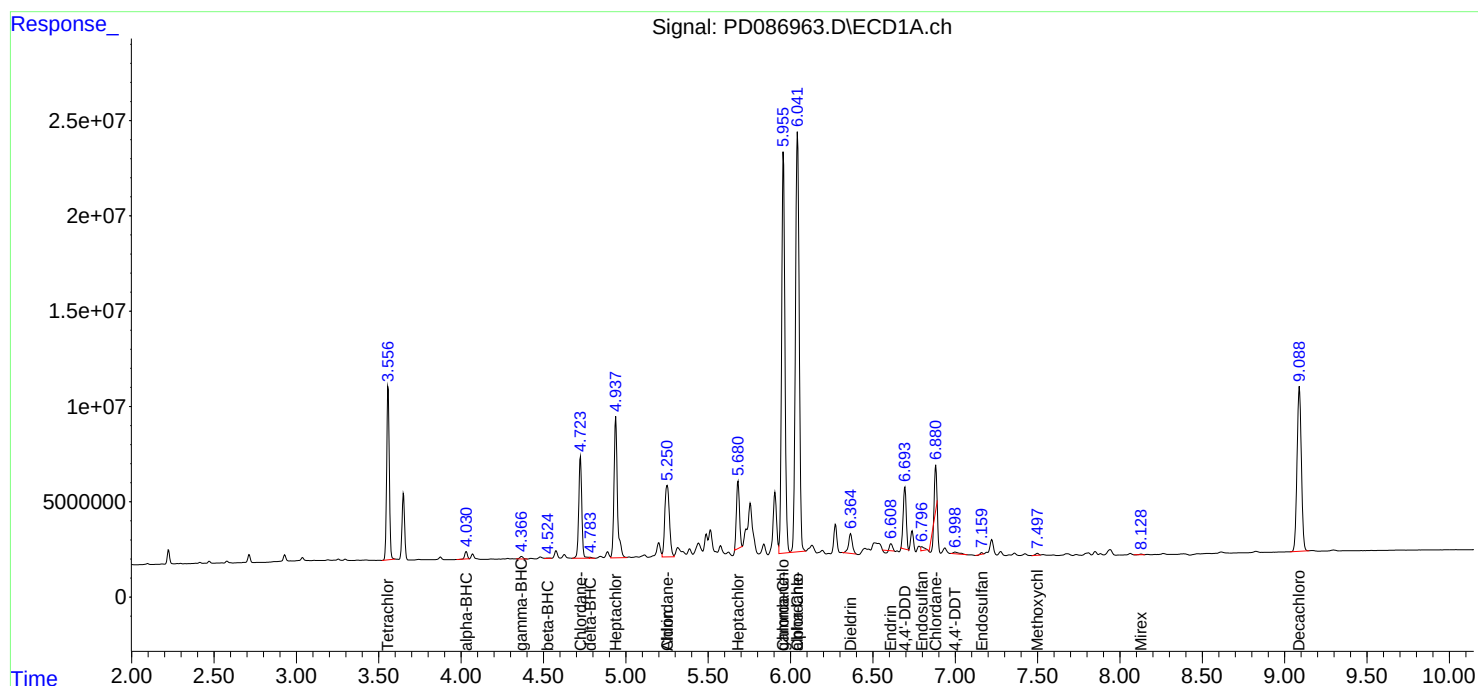
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

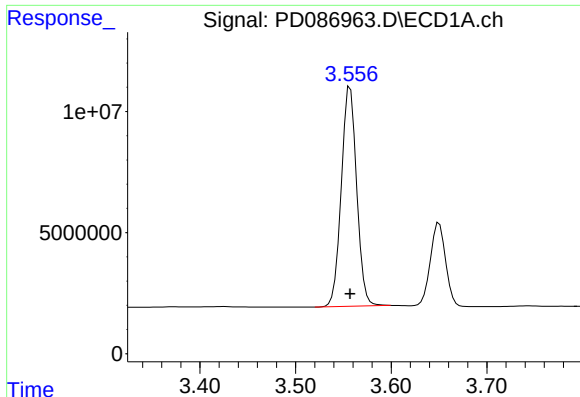
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112724\  
Data File : PD086963.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Nov 2024 15:12  
Operator : AR\AJ  
Sample : PCHLORICV500  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 27 15:44:34 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 15:43:38 2024  
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

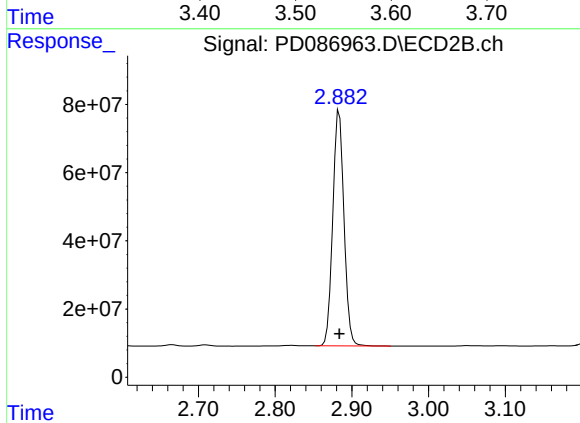




#1 Tetrachloro-m-xylene

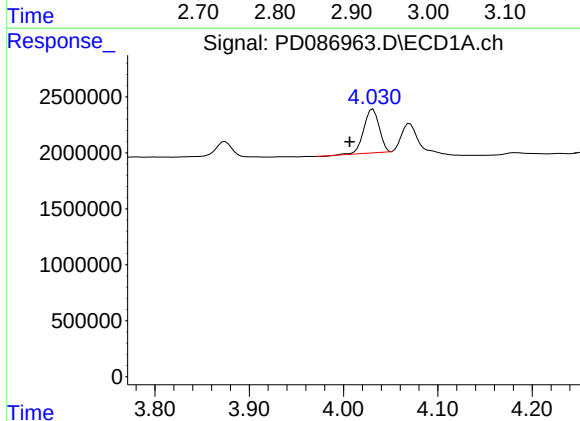
R.T.: 3.557 min  
Delta R.T.: 0.000 min  
Response: 101751549  
Conc: 51.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



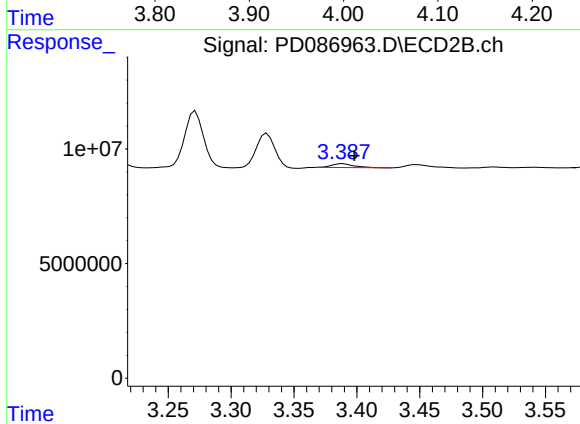
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 700733616  
Conc: 51.60 ng/ml



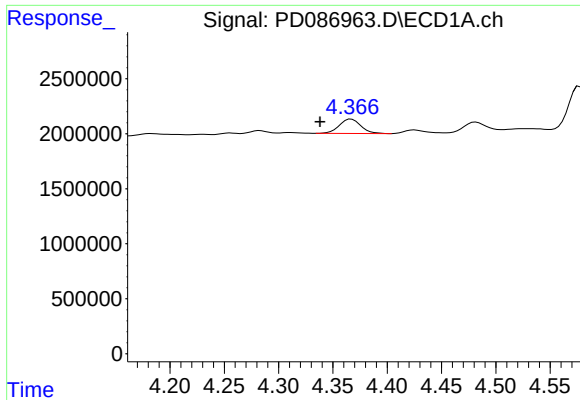
#2 alpha-BHC

R.T.: 4.031 min  
Delta R.T.: 0.025 min  
Response: 4412132  
Conc: 1.10 ng/ml



#2 alpha-BHC

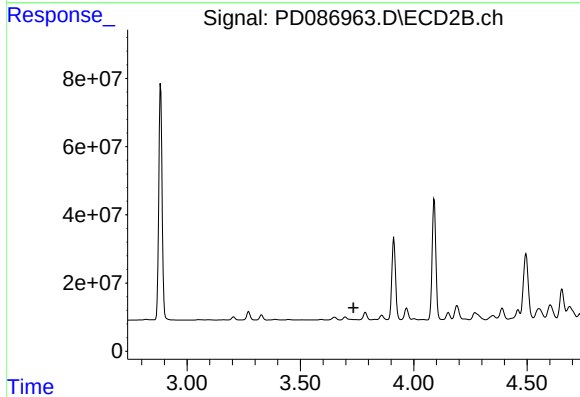
R.T.: 3.389 min  
Delta R.T.: -0.009 min  
Response: 2069629  
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

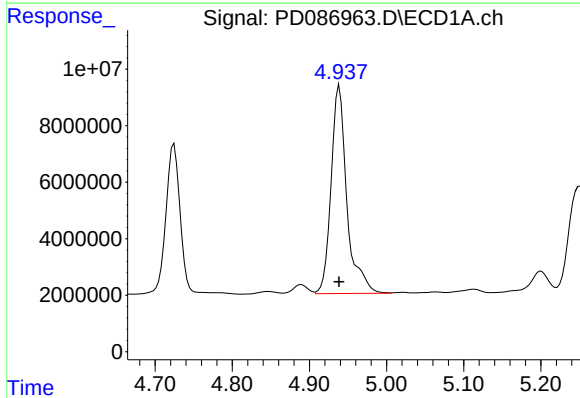
R.T.: 4.367 min  
Delta R.T.: 0.029 min  
Response: 1799359  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



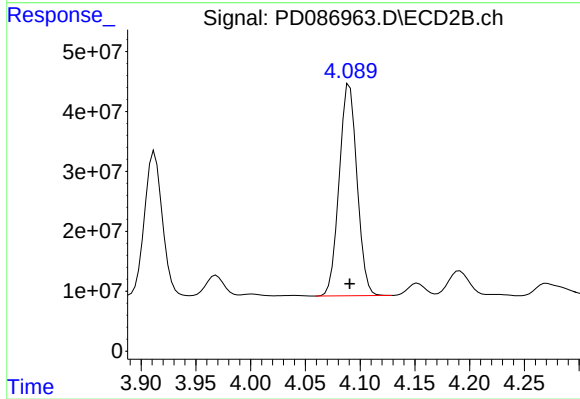
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.735 min  
Response: 0  
Conc: N.D.



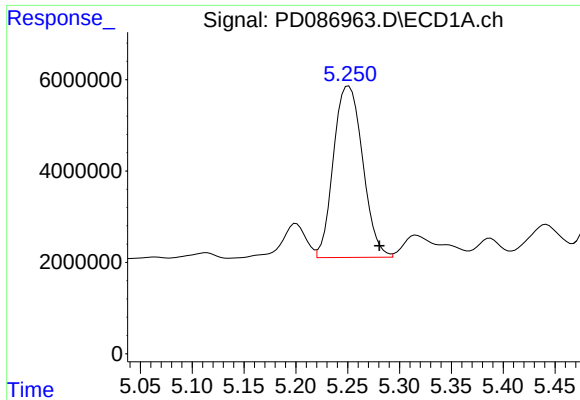
#4 Heptachlor

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 105132536  
Conc: 26.78 ng/ml



#4 Heptachlor

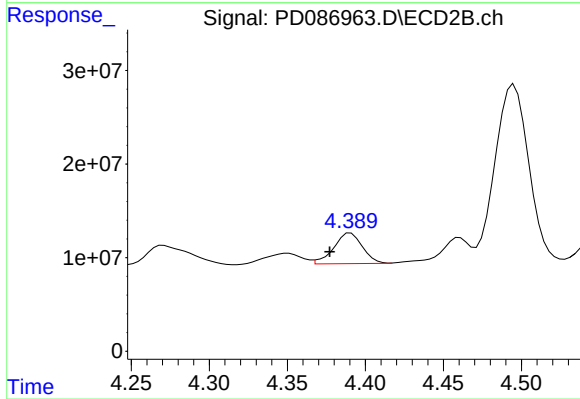
R.T.: 4.090 min  
Delta R.T.: 0.000 min  
Response: 400740032  
Conc: 24.65 ng/ml



#5 Aldrin

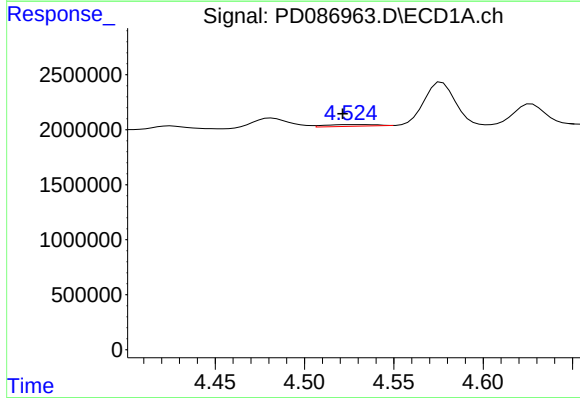
R.T.: 5.251 min  
Delta R.T.: -0.029 min  
Response: 73556853  
Conc: 18.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



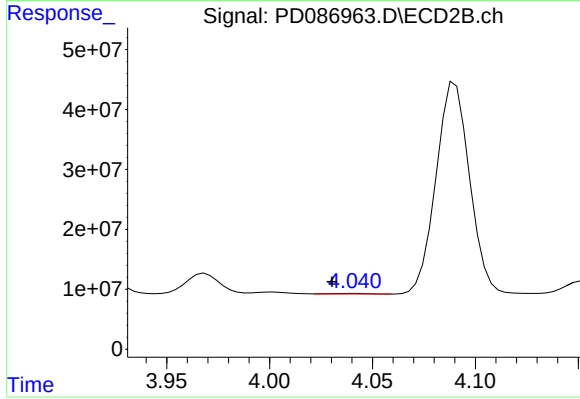
#5 Aldrin

R.T.: 4.391 min  
Delta R.T.: 0.013 min  
Response: 41799831  
Conc: 2.50 ng/ml



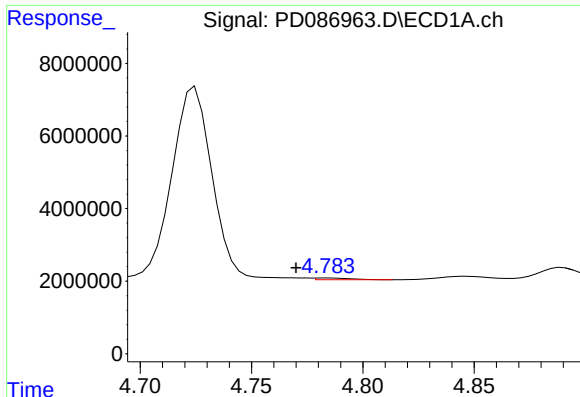
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.004 min  
Response: 300623  
Conc: 0.19 ng/ml



#6 beta-BHC

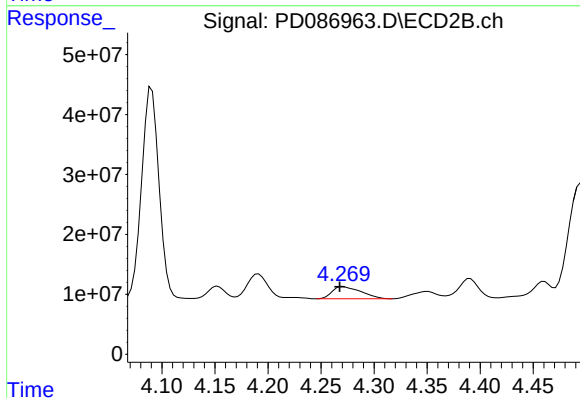
R.T.: 4.041 min  
Delta R.T.: 0.011 min  
Response: 1336262  
Conc: 0.19 ng/ml



#7 delta-BHC

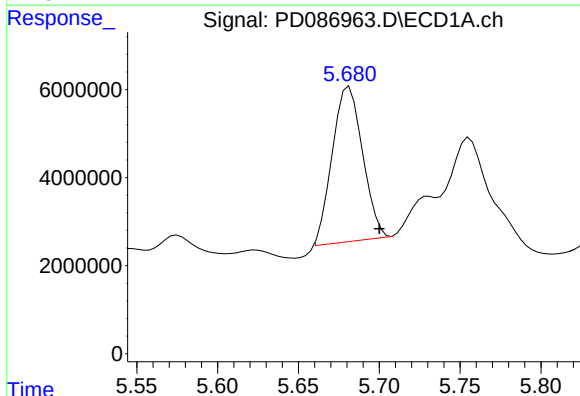
R.T.: 4.784 min  
Delta R.T.: 0.014 min  
Response: 550001  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



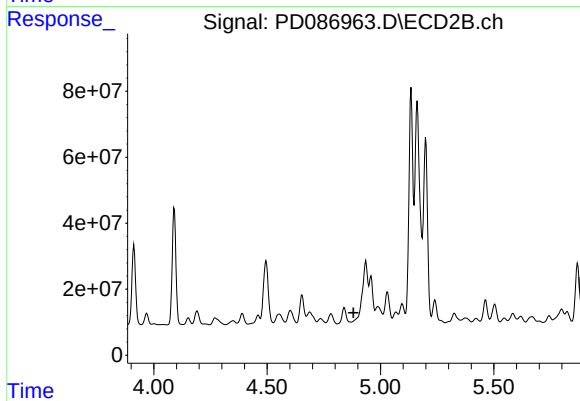
#7 delta-BHC

R.T.: 4.271 min  
Delta R.T.: 0.003 min  
Response: 38668220  
Conc: 2.27 ng/ml



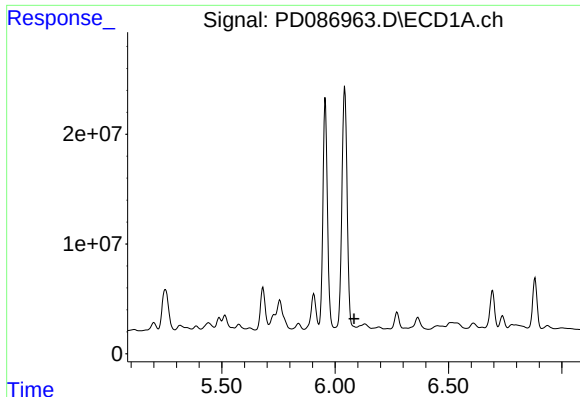
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: -0.019 min  
Response: 45701804  
Conc: 12.65 ng/ml



#8 Heptachlor epoxide

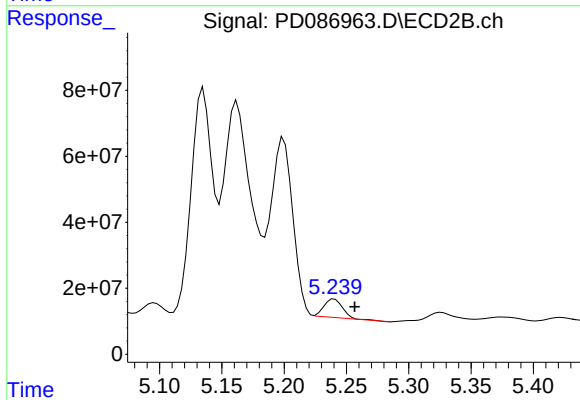
R.T.: 0.000 min  
Exp R.T. : 4.881 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

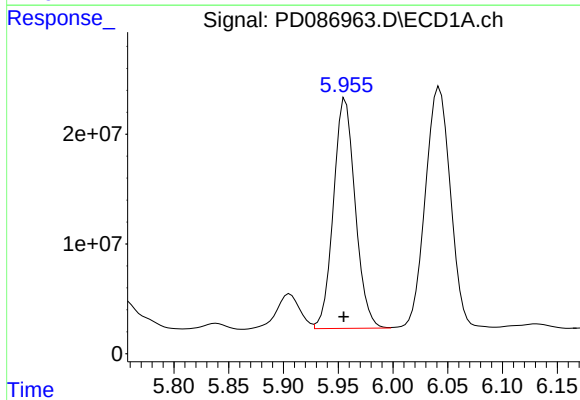
R.T.: 0.000 min  
Exp R.T.: 6.084 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



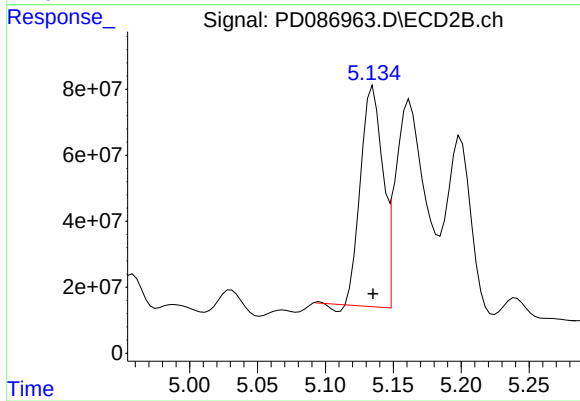
#9 Endosulfan I

R.T.: 5.240 min  
Delta R.T.: -0.016 min  
Response: 59029178  
Conc: 4.16 ng/ml



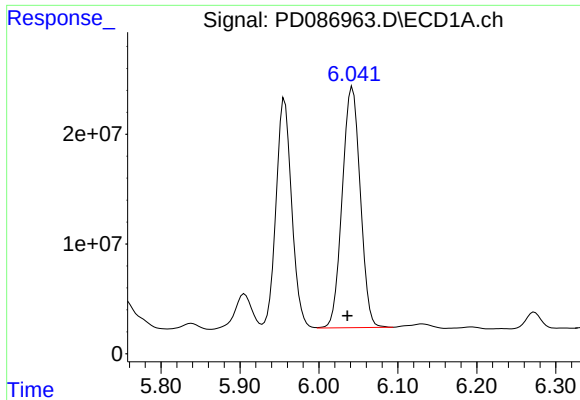
#10 gamma-Chlordane

R.T.: 5.957 min  
Delta R.T.: 0.002 min  
Response: 289865950  
Conc: 82.05 ng/ml



#10 gamma-Chlordane

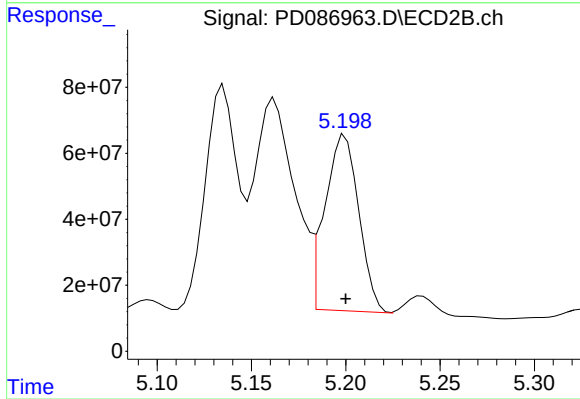
R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 750858645  
Conc: 48.27 ng/ml



#11 alpha-Chlordane

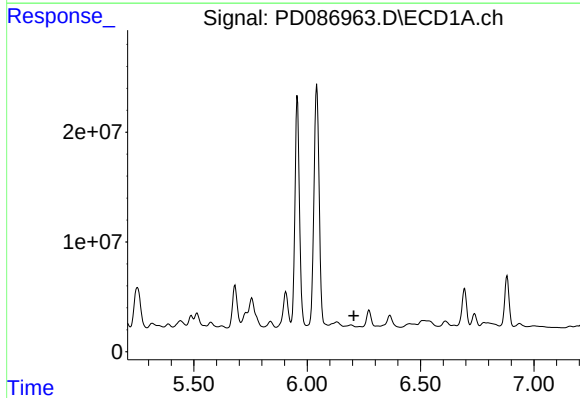
R.T.: 6.042 min  
Delta R.T.: 0.006 min  
Response: 348211432  
Conc: 97.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



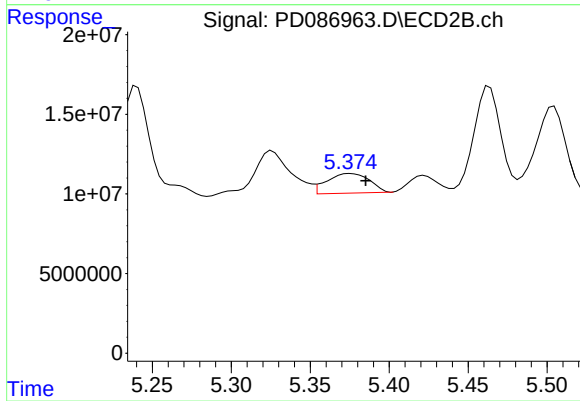
#11 alpha-Chlordane

R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 666785991  
Conc: 43.63 ng/ml



#12 4,4'-DDE

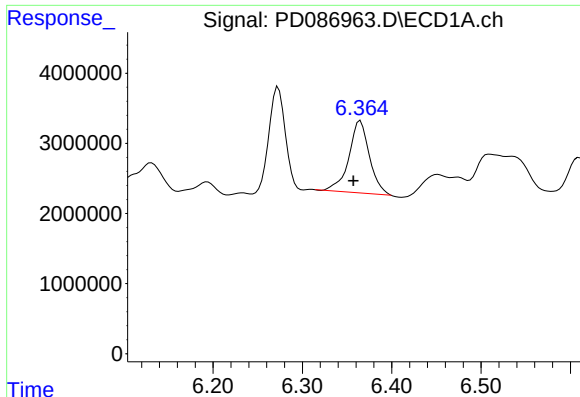
R.T.: 6.194 min  
Delta R.T.: -0.012 min  
Response: -1050185  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.375 min  
Delta R.T.: -0.010 min  
Response: 22927912  
Conc: 1.52 ng/ml

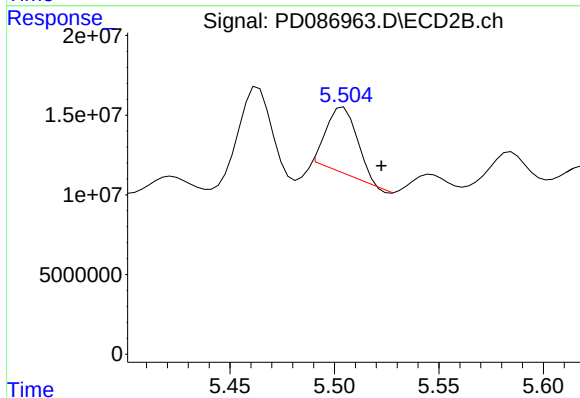




#13 Dieldrin

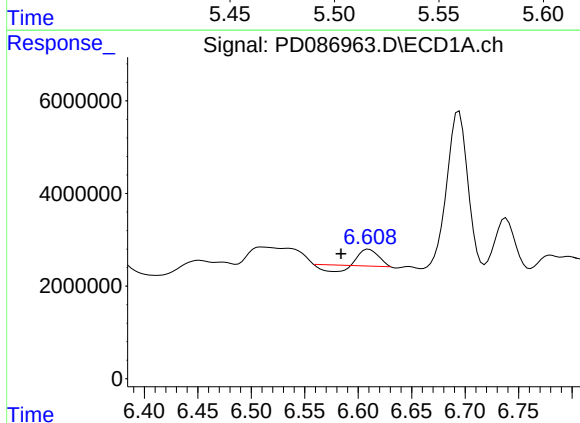
R.T.: 6.365 min  
Delta R.T.: 0.008 min  
Response: 16394536  
Conc: 4.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



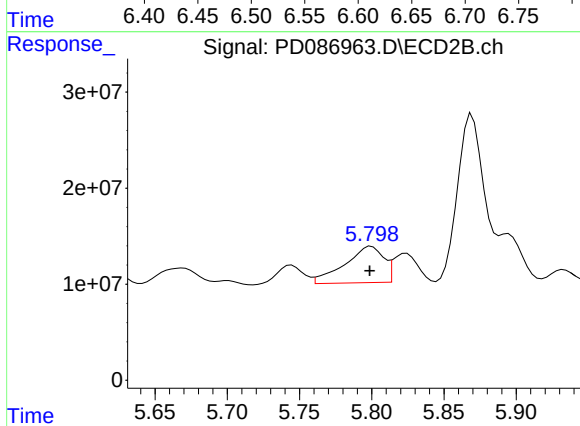
#13 Dieldrin

R.T.: 5.504 min  
Delta R.T.: -0.018 min  
Response: 42192684  
Conc: 2.71 ng/ml



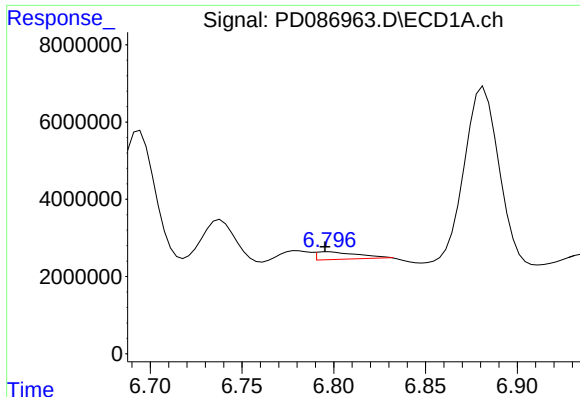
#14 Endrin

R.T.: 6.610 min  
Delta R.T.: 0.026 min  
Response: 3169494  
Conc: 1.05 ng/ml



#14 Endrin

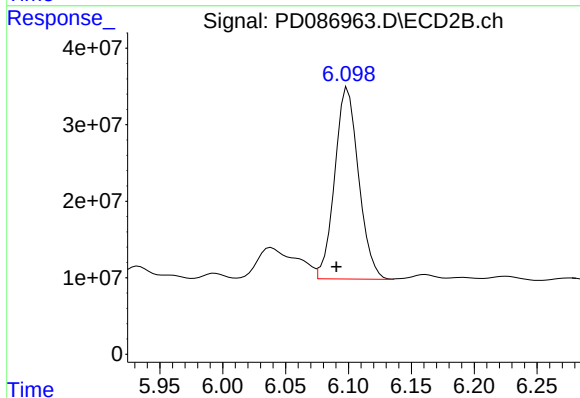
R.T.: 5.800 min  
Delta R.T.: 0.001 min  
Response: 70597581  
Conc: 5.05 ng/ml



#15 Endosulfan II

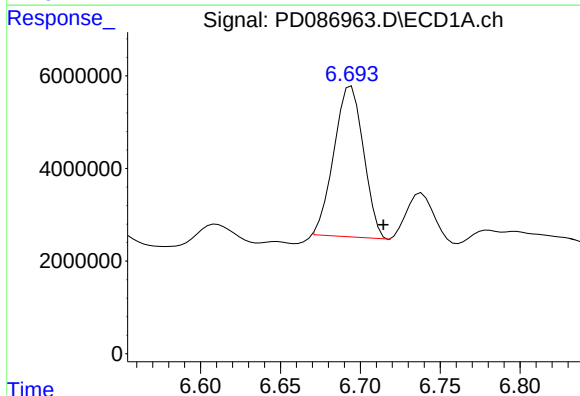
R.T.: 6.798 min  
Delta R.T.: 0.002 min  
Response: 2941270  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



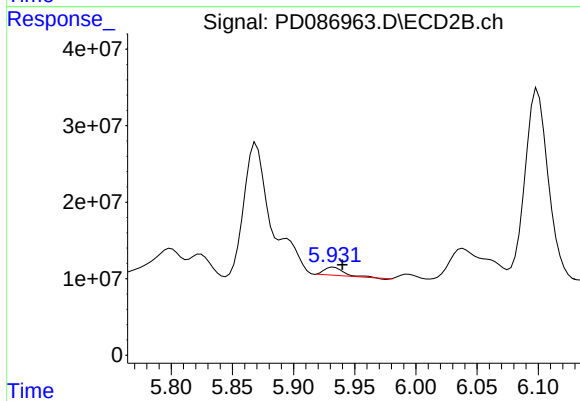
#15 Endosulfan II

R.T.: 6.100 min  
Delta R.T.: 0.009 min  
Response: 331454644  
Conc: 24.08 ng/ml



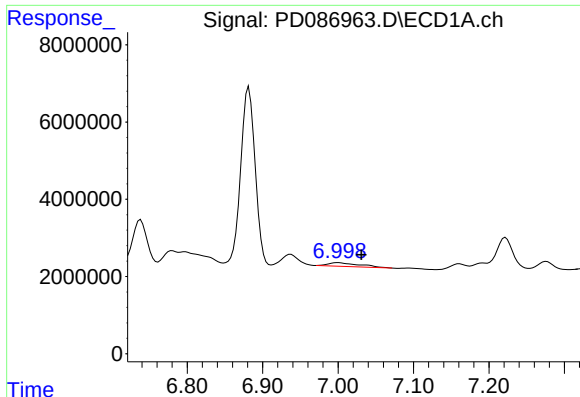
#16 4,4'-DDD

R.T.: 6.694 min  
Delta R.T.: -0.020 min  
Response: 41845558  
Conc: 16.10 ng/ml



#16 4,4'-DDD

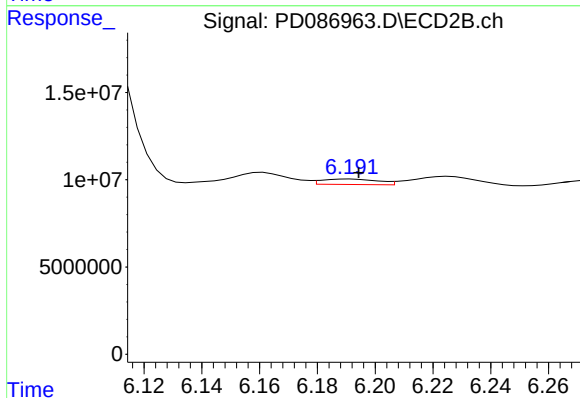
R.T.: 5.933 min  
Delta R.T.: -0.007 min  
Response: 9885478  
Conc: 0.79 ng/ml



#17 4,4'-DDT

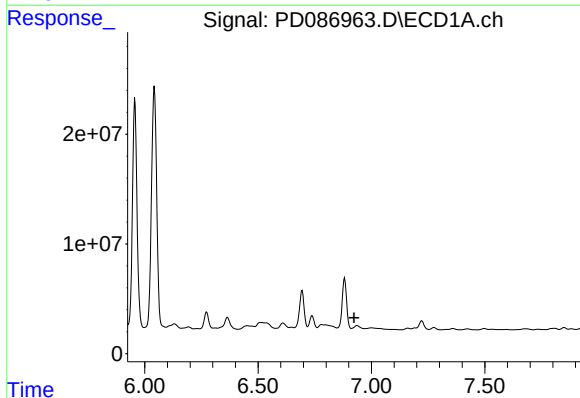
R.T.: 7.000 min  
Delta R.T.: -0.031 min  
Response: 740567  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



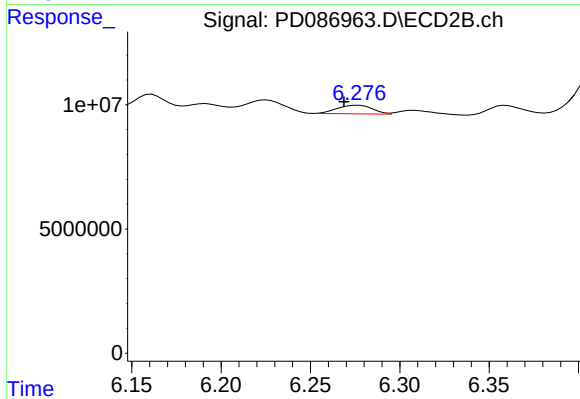
#17 4,4'-DDT

R.T.: 6.192 min  
Delta R.T.: -0.003 min  
Response: 4262109  
Conc: 0.32 ng/ml



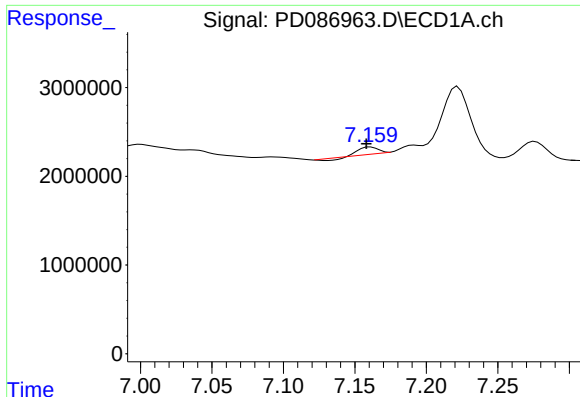
#18 Endrin aldehyde

R.T.: 6.937 min  
Delta R.T.: 0.013 min  
Response: -35276144  
Conc: N.D.



#18 Endrin aldehyde

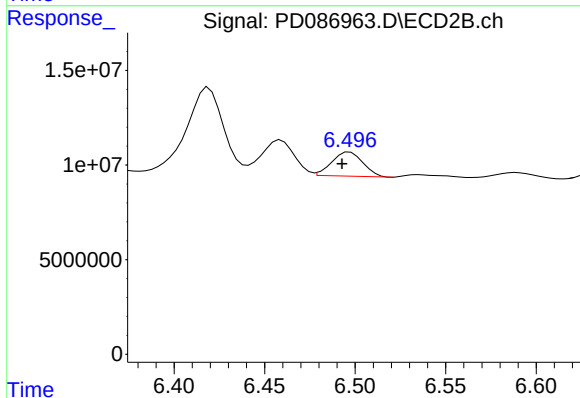
R.T.: 6.277 min  
Delta R.T.: 0.008 min  
Response: 4765187  
Conc: 0.43 ng/ml



#19 Endosulfan Sulfate

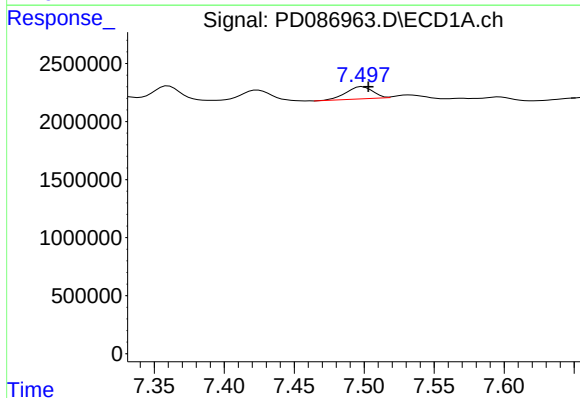
R.T.: 7.161 min  
Delta R.T.: 0.003 min  
Response: 572199  
Conc: 0.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



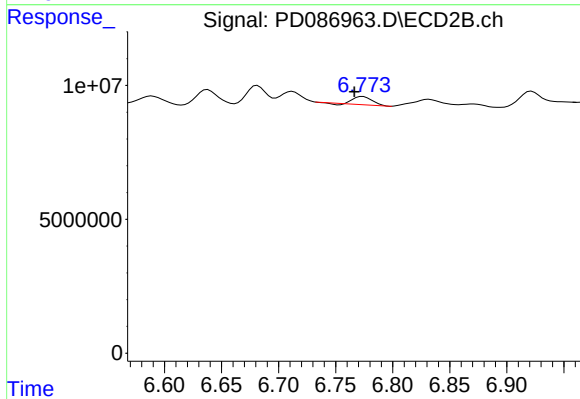
#19 Endosulfan Sulfate

R.T.: 6.497 min  
Delta R.T.: 0.004 min  
Response: 15273983  
Conc: 1.13 ng/ml



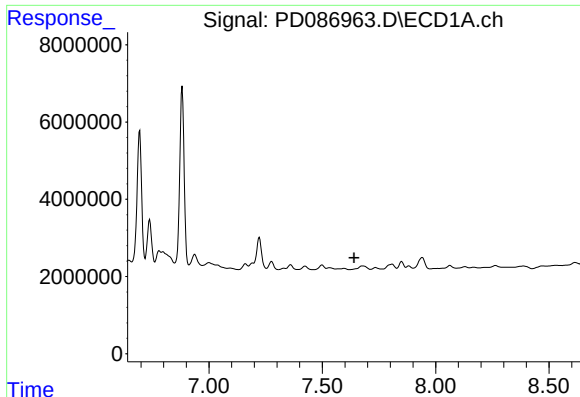
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.004 min  
Response: 1375847  
Conc: 0.86 ng/ml



#20 Methoxychlor

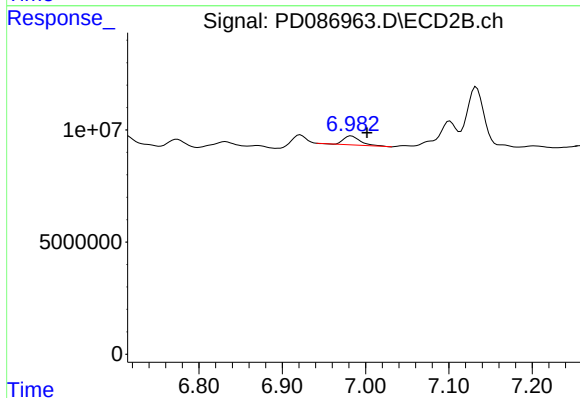
R.T.: 6.774 min  
Delta R.T.: 0.007 min  
Response: 3334197  
Conc: 0.46 ng/ml



#21 Endrin ketone

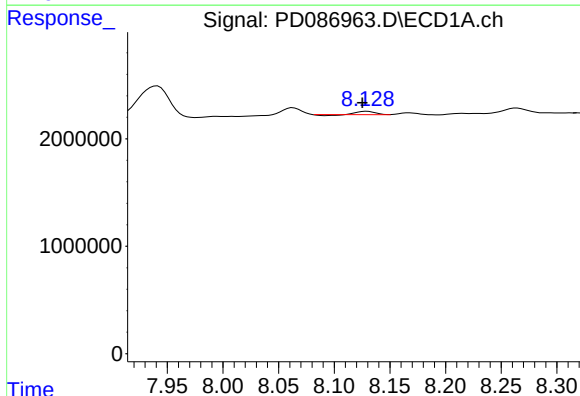
R.T.: 0.000 min  
Exp R.T.: 7.640 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



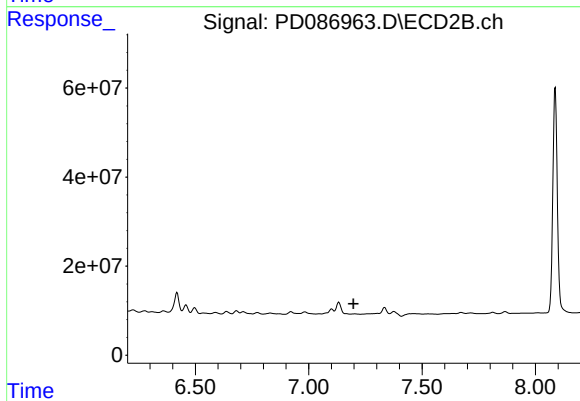
#21 Endrin ketone

R.T.: 6.983 min  
Delta R.T.: -0.019 min  
Response: 5767652  
Conc: 0.38 ng/ml



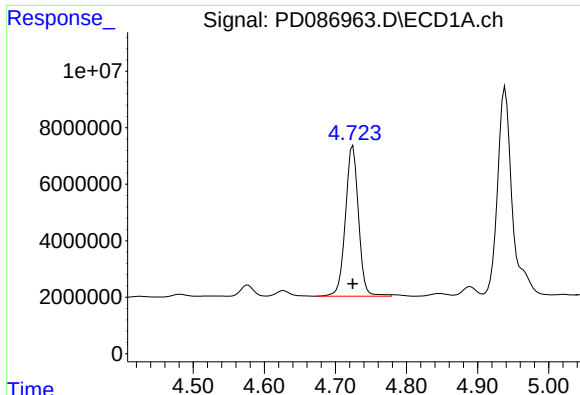
#22 Mirex

R.T.: 8.129 min  
Delta R.T.: 0.004 min  
Response: 313403  
Conc: 0.13 ng/ml



#22 Mirex

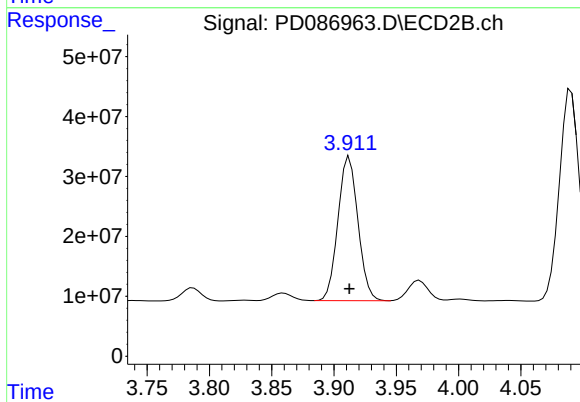
R.T.: 7.203 min  
Delta R.T.: 0.005 min  
Response: -122082  
Conc: N.D.



#23 Chlordane-1

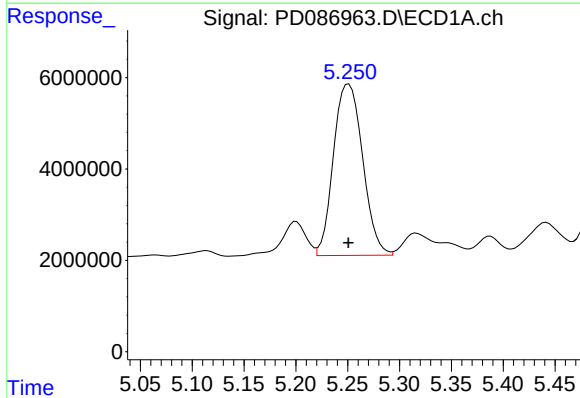
R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 68119448  
Conc: 533.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



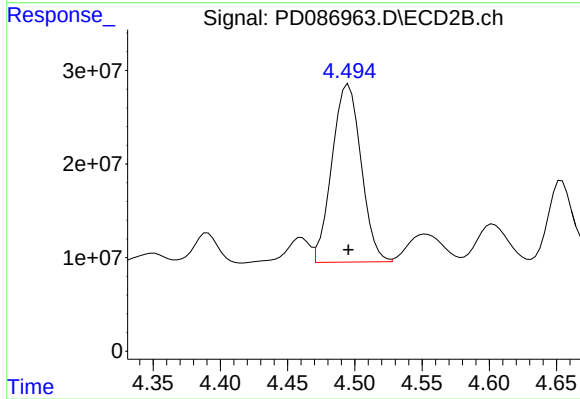
#23 Chlordane-1

R.T.: 3.912 min  
Delta R.T.: 0.000 min  
Response: 269946257  
Conc: 518.70 ng/ml



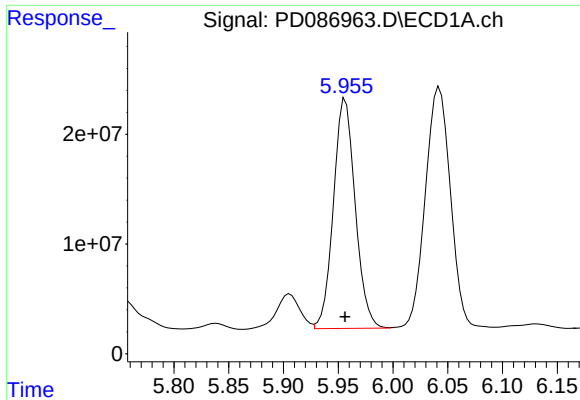
#24 Chlordane-2

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 73556853  
Conc: 516.97 ng/ml



#24 Chlordane-2

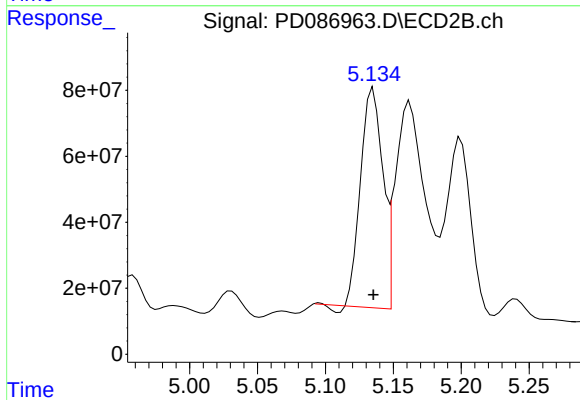
R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 285921619  
Conc: 513.11 ng/ml



#25 Chlordane-3

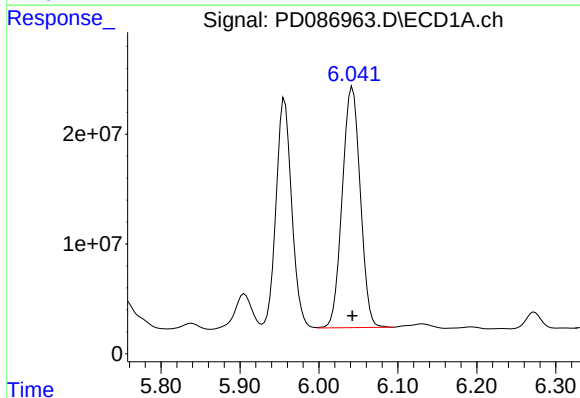
R.T.: 5.957 min  
Delta R.T.: 0.000 min  
Response: 289865950  
Conc: 531.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



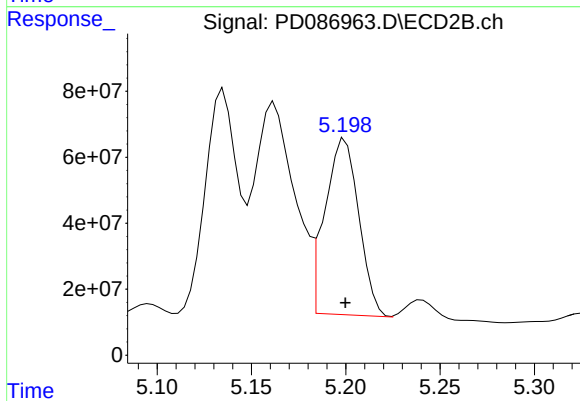
#25 Chlordane-3

R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 750858645  
Conc: 453.95 ng/ml



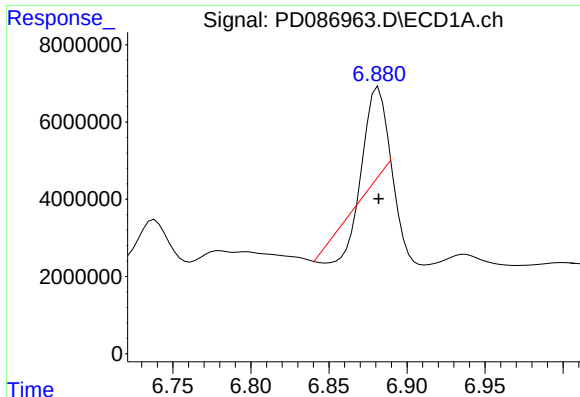
#26 Chlordane-4

R.T.: 6.042 min  
Delta R.T.: 0.000 min  
Response: 348211432  
Conc: 527.81 ng/ml



#26 Chlordane-4

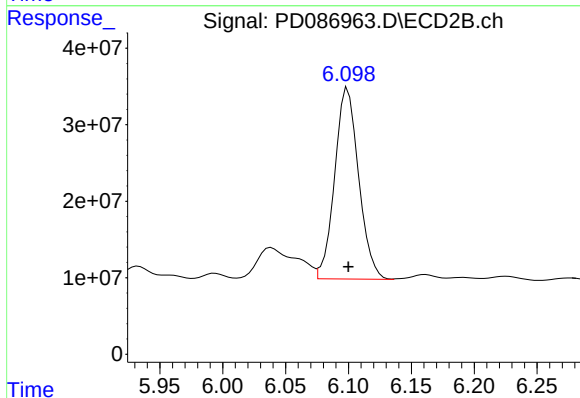
R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 666785991  
Conc: 475.56 ng/ml



#27 Chlordane-5

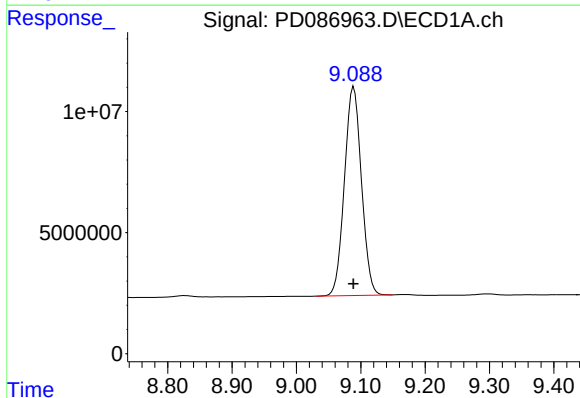
R.T.: 6.882 min  
Delta R.T.: 0.000 min  
Response: 12980933  
Conc: 110.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



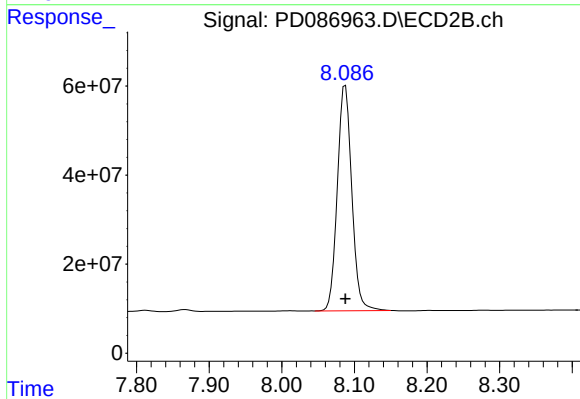
#27 Chlordane-5

R.T.: 6.100 min  
Delta R.T.: 0.000 min  
Response: 331454644  
Conc: 517.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.089 min  
Delta R.T.: 0.000 min  
Response: 158308666  
Conc: 51.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.088 min  
Delta R.T.: 0.000 min  
Response: 699822121  
Conc: 50.69 ng/ml