

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090821\  
 Data File : PD065622.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2021 12:05  
 Operator : AR\AJ  
 Sample : M3641-03  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 07:09:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090421.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 04 01:23:47 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... | 3.497  | 4.011  | 19847213 | 107.6E6  | 20.252  | 14.678 #  |
| 28)                         | SA Decachlor... | 8.261f | 9.087  | 35786414 | 51160696 | 20.757  | 9.588 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | MA gamma-BHC... | 4.225  | 4.710  | 181.6E6  | 82025565 | 125.801 | 8.324 #   |
| 4)                          | MA Heptachlor   | 4.527  | 5.211  | 1980724  | 180.4E6  | 1.305   | 19.842 #  |
| 5)                          | MB Aldrin       | 4.769  | 5.525f | 164143   | 73095502 | 0.115   | 8.664 #   |
| 7)                          | B delta-BHC     | 4.673  | 5.105f | 1603698  | 68359337 | 1.075   | 7.352 #   |
| 8)                          | B Heptachlo...  | 5.195  | 5.891  | -3144700 | 196.5E6  | N.D.    | 27.283    |
| 9)                          | A Endosulfan I  | 5.555  | 6.236f | 7625377  | 102.7E6  | 5.380   | 14.582 #  |
| 10)                         | B gamma-Chl...  | 5.436  | 6.124  | 22869391 | 66520479 | 14.973  | 8.858 #   |
| 11)                         | B alpha-Chl...  | 5.491  | 6.196  | 107.0E6  | 91407849 | 71.081  | 12.411 #  |
| 12)                         | B 4,4'-DDE      | 5.631f | 6.374f | 4532871  | 2074766  | 3.179   | 0.287 #   |
| 13)                         | MA Dieldrin     | 0.000  | 6.518  | 0        | 48902820 | N.D.    | 6.482 #   |
| 14)                         | MA Endrin       | 6.059  | 6.706f | 34315610 | 50283958 | 24.957  | 8.429 #   |
| 15)                         | B Endosulfa...  | 6.332  | 6.951  | 42254320 | 37332404 | 29.420  | 5.823 #   |
| 16)                         | A 4,4'-DDD      | 6.176  | 6.852  | 11044150 | 109.0E6  | 8.663   | 17.466 #  |
| 17)                         | MA 4,4'-DDT     | 6.424f | 7.159  | 7633572  | 6317096  | 5.546   | 1.037 #   |
| 18)                         | B Endrin al...  | 6.493  | 7.072  | 1796716  | 36086655 | 1.424   | 6.605 #   |
| 19)                         | B Endosulfa...  | 6.692  | 7.272f | 9928725  | 33842009 | 6.426   | 5.294     |
| 20)                         | A Methoxychlor  | 6.964  | 0.000  | 3007178  | 0        | 3.586   | N.D. #    |
| 21)                         | B Endrin ke...  | 0.000  | 7.773  | 0        | 7980715  | N.D.    | 1.055 #   |
| 22)                         | Mirex           | 7.390  | 8.193f | 3752917  | 2164747  | 2.394   | 0.409 #   |
| 23)                         | Chlordane-1     | 4.353  | 4.987f | 10463751 | 73481321 | 253.056 | 251.950   |
| 24)                         | Chlordane-2     | 4.855  | 5.464f | 28323677 | 8578606  | 545.227 | 30.479 #  |
| 25)                         | Chlordane-3     | 5.436  | 6.124  | 22869391 | 66520479 | 152.721 | 64.442 #  |
| 26)                         | Chlordane-4     | 5.491  | 6.196  | 107.0E6  | 91407849 | 863.675 | 75.740 #  |
| 27)                         | Chlordane-5     | 6.332  | 7.007  | 42254320 | 74334751 | 700.278 | 316.983 # |
| -----                       |                 |        |        |          |          |         |           |

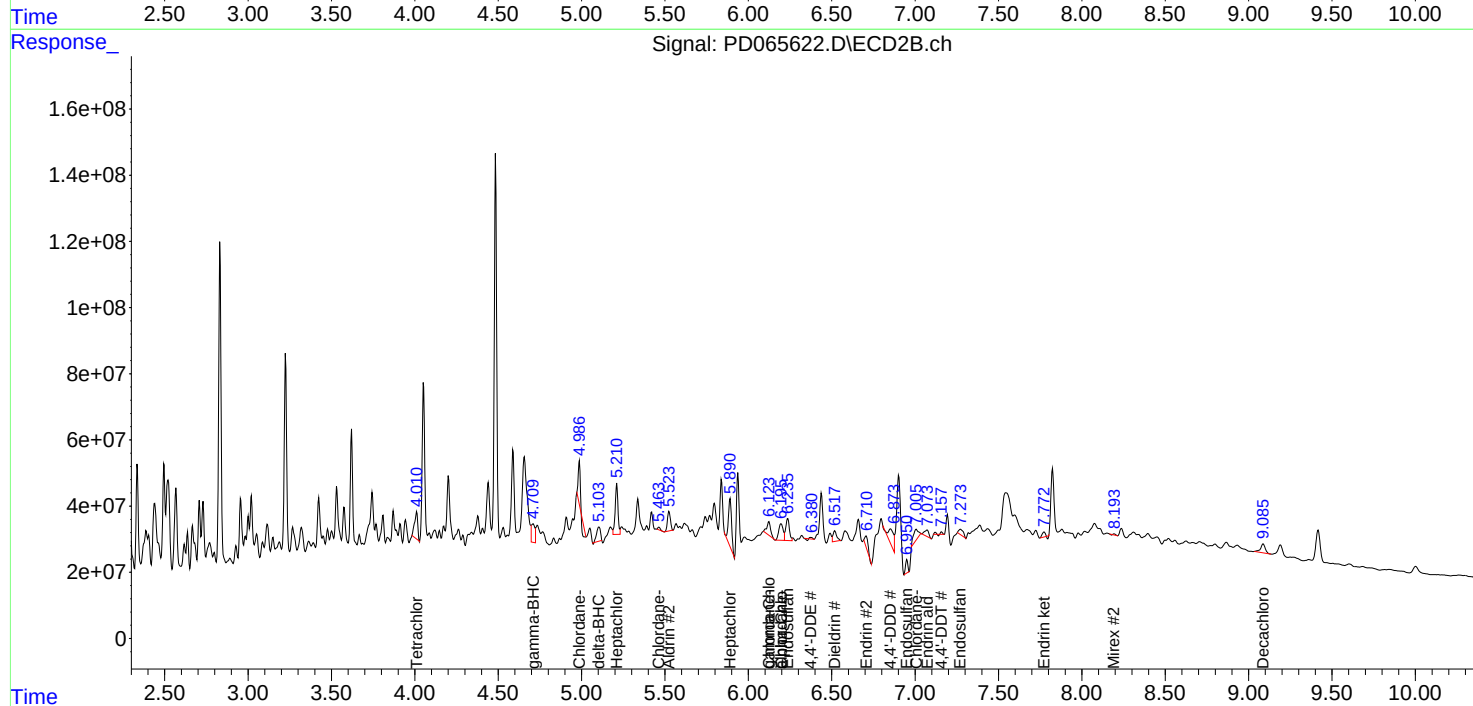
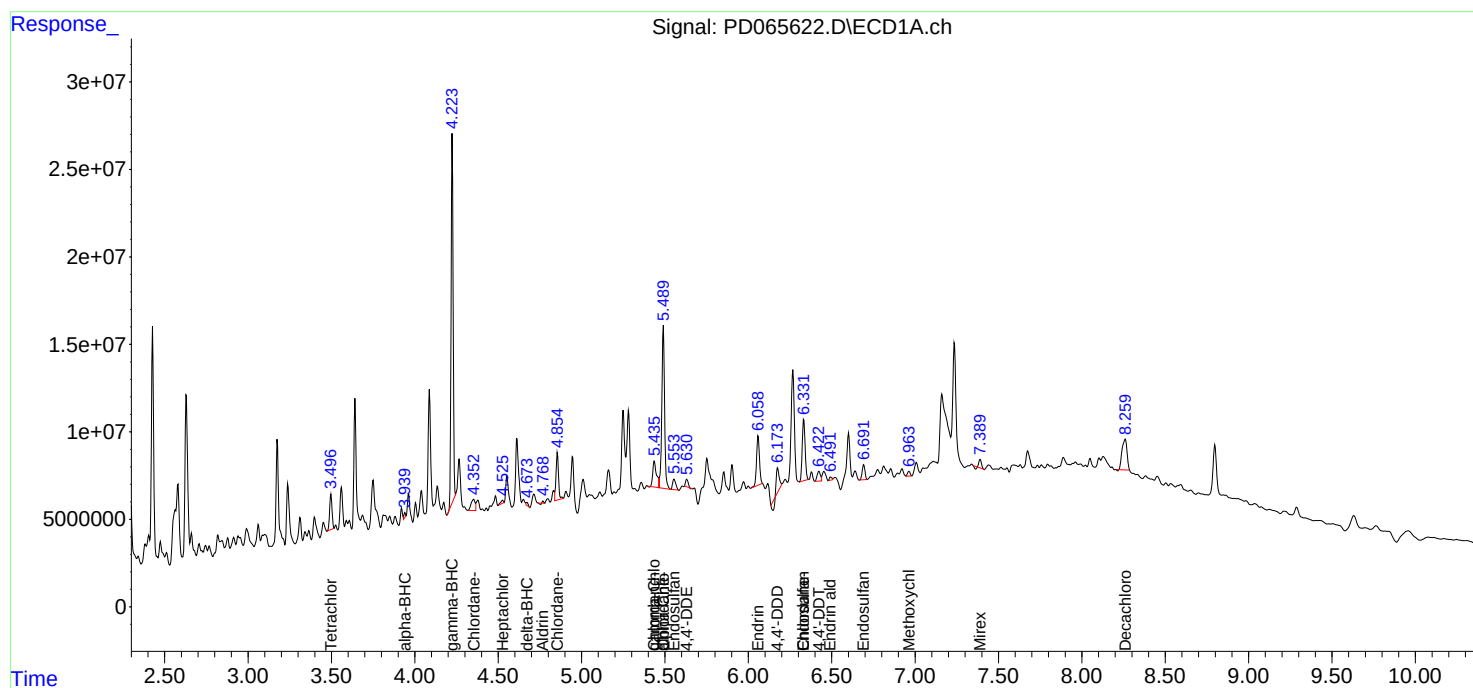
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

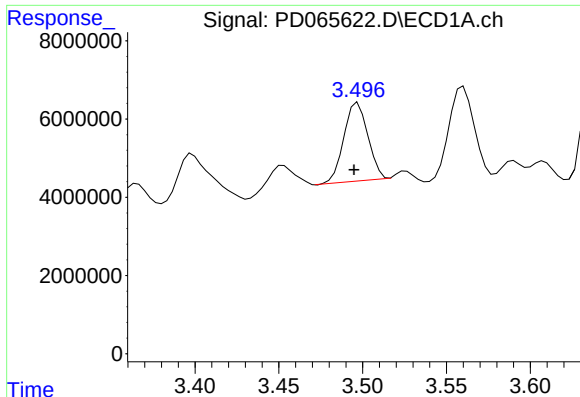
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090821\  
Data File : PD065622.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2021 12:05  
Operator : AR\AJ  
Sample : M3641-03  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 07:09:51 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD090421.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 04 01:23:47 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

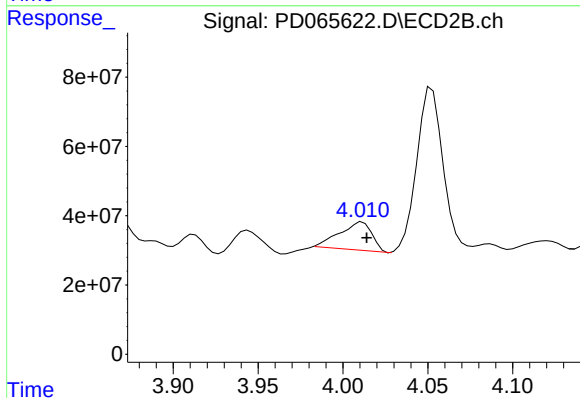




#1 Tetrachloro-m-xylene

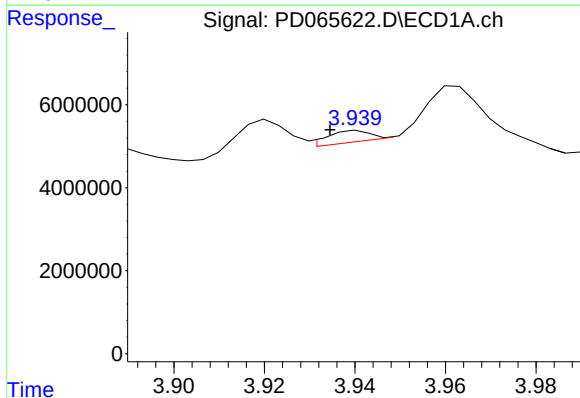
R.T.: 3.497 min  
Delta R.T.: 0.002 min  
Response: 19847213  
Conc: 20.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



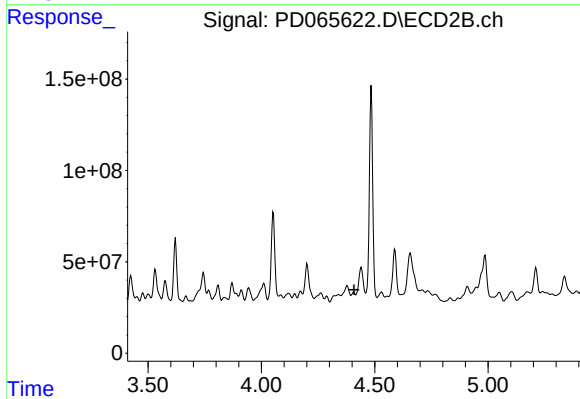
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: -0.003 min  
Response: 107578995  
Conc: 14.68 ng/ml



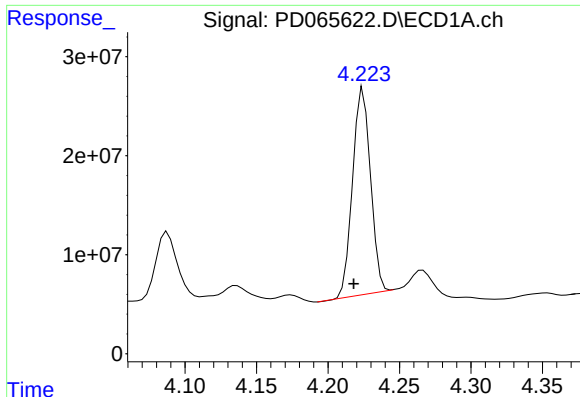
#2 alpha-BHC

R.T.: 3.941 min  
Delta R.T.: 0.006 min  
Response: 1770997  
Conc: 1.23 ng/ml



#2 alpha-BHC

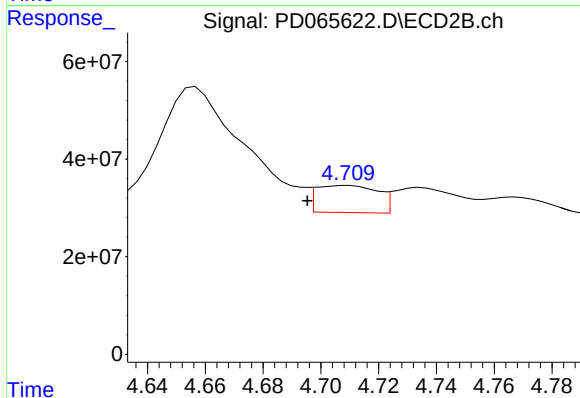
R.T.: 4.407 min  
Delta R.T.: -0.002 min  
Response: -13256880  
Conc: N.D.



#3 gamma-BHC (Lindane)

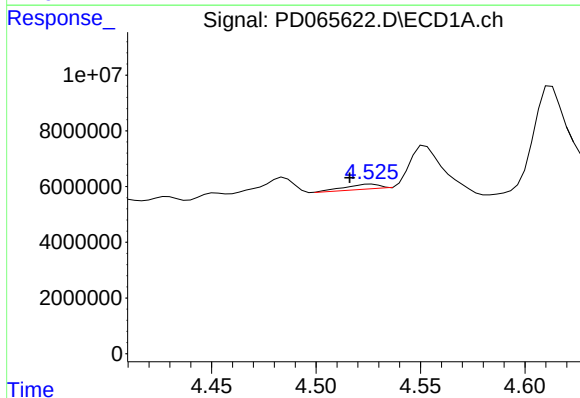
R.T.: 4.225 min  
Delta R.T.: 0.007 min  
Response: 181583644  
Conc: 125.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



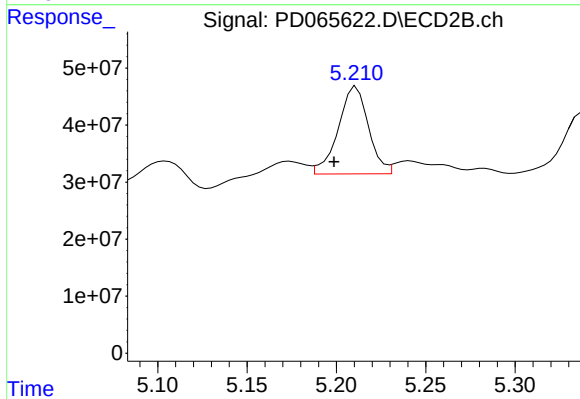
#3 gamma-BHC (Lindane)

R.T.: 4.710 min  
Delta R.T.: 0.014 min  
Response: 82025565  
Conc: 8.32 ng/ml



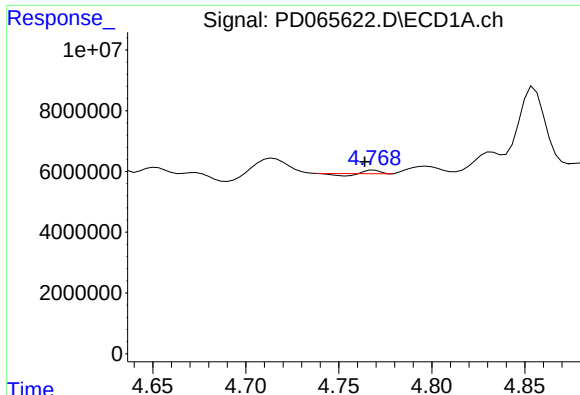
#4 Heptachlor

R.T.: 4.527 min  
Delta R.T.: 0.010 min  
Response: 1980724  
Conc: 1.31 ng/ml



#4 Heptachlor

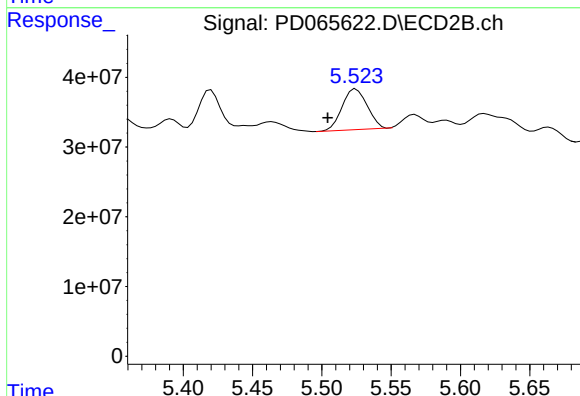
R.T.: 5.211 min  
Delta R.T.: 0.012 min  
Response: 180413514  
Conc: 19.84 ng/ml



#5 Aldrin

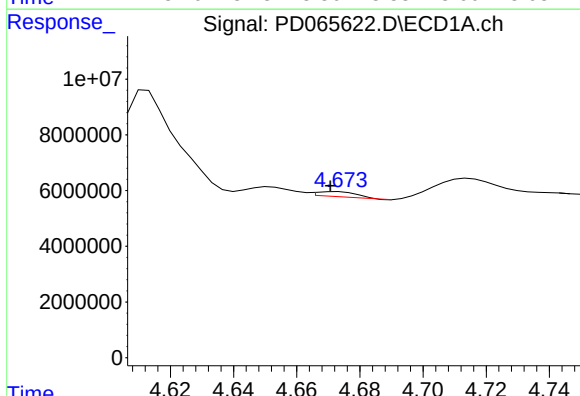
R.T.: 4.769 min  
Delta R.T.: 0.005 min  
Response: 164143  
Conc: 0.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



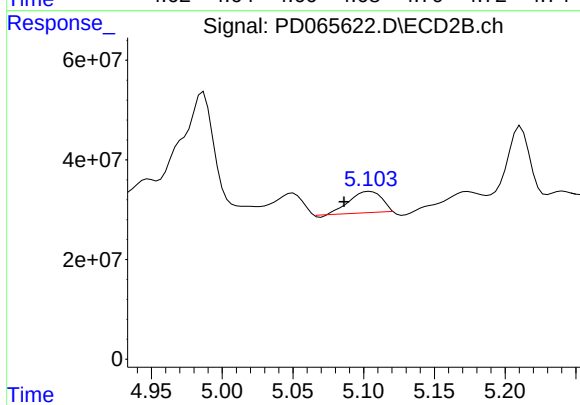
#5 Aldrin

R.T.: 5.525 min  
Delta R.T.: 0.020 min  
Response: 73095502  
Conc: 8.66 ng/ml



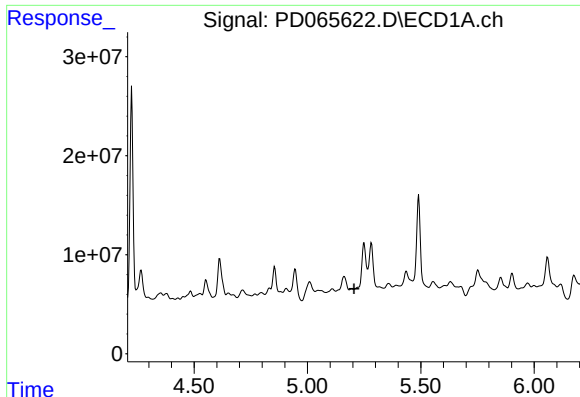
#7 delta-BHC

R.T.: 4.673 min  
Delta R.T.: 0.002 min  
Response: 1603698  
Conc: 1.08 ng/ml



#7 delta-BHC

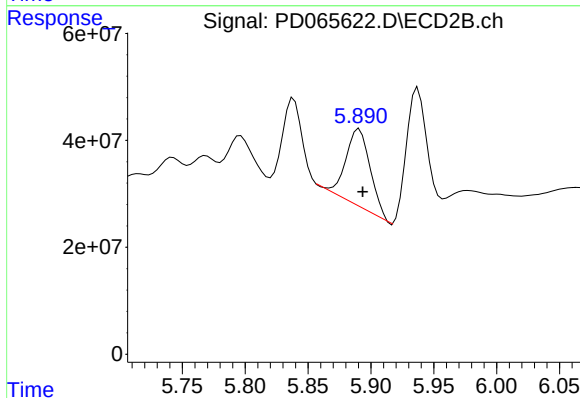
R.T.: 5.105 min  
Delta R.T.: 0.018 min  
Response: 68359337  
Conc: 7.35 ng/ml



#8 Heptachlor epoxide

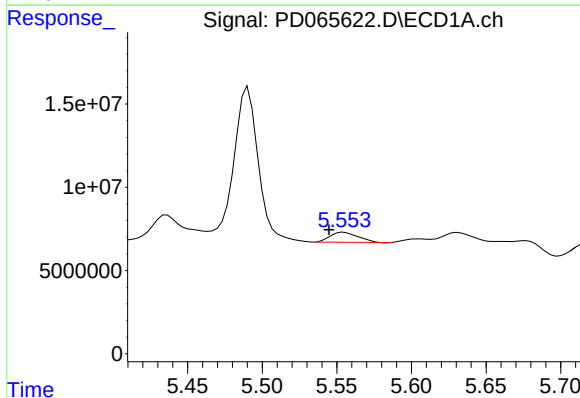
R.T.: 5.195 min  
Delta R.T.: -0.011 min  
Response: -3144700  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



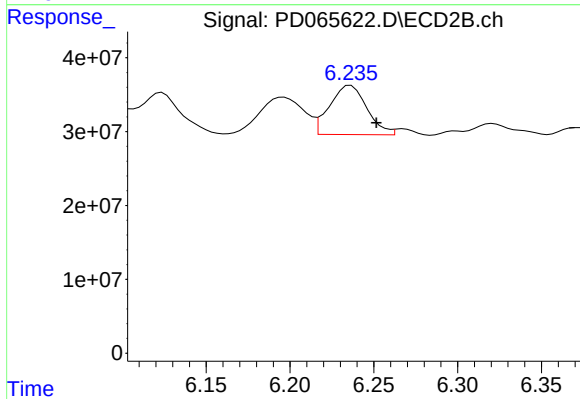
#8 Heptachlor epoxide

R.T.: 5.891 min  
Delta R.T.: -0.003 min  
Response: 196502713  
Conc: 27.28 ng/ml



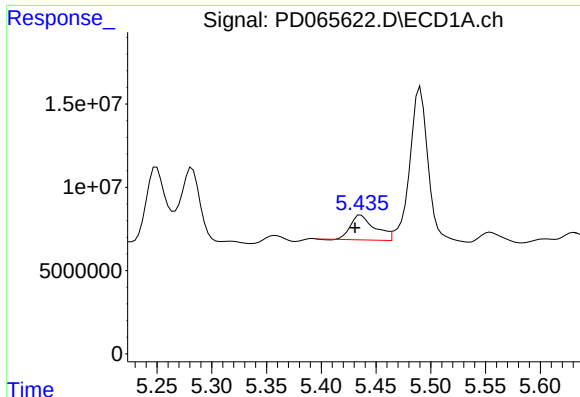
#9 Endosulfan I

R.T.: 5.555 min  
Delta R.T.: 0.010 min  
Response: 7625377  
Conc: 5.38 ng/ml



#9 Endosulfan I

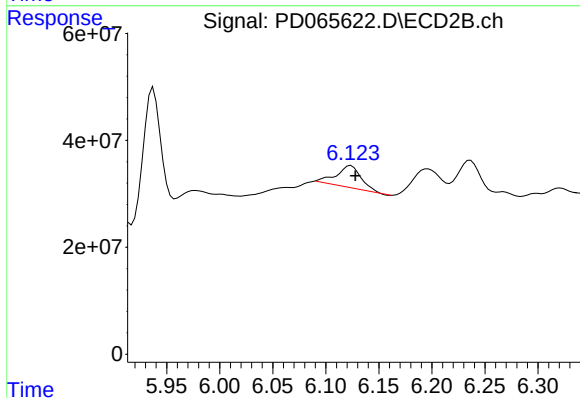
R.T.: 6.236 min  
Delta R.T.: -0.015 min  
Response: 102701656  
Conc: 14.58 ng/ml



#10 gamma-Chlordane

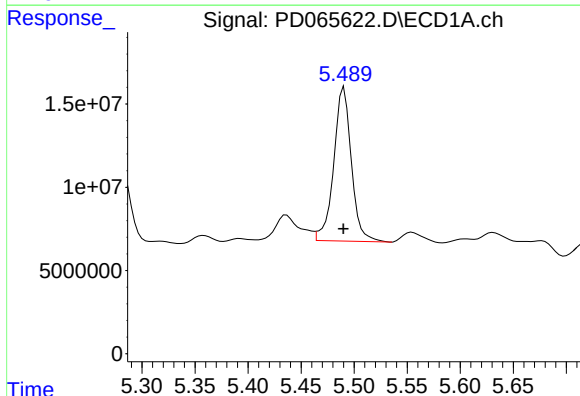
R.T.: 5.436 min  
Delta R.T.: 0.005 min  
Response: 22869391  
Conc: 14.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



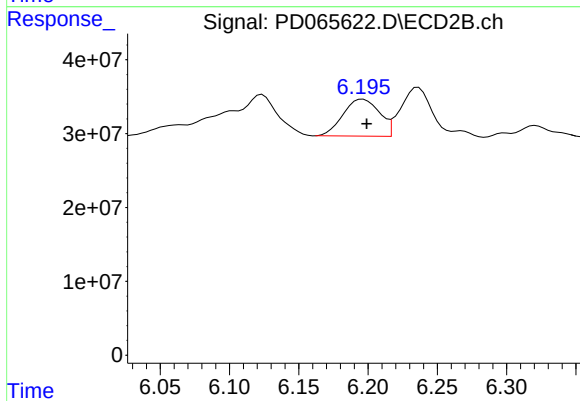
#10 gamma-Chlordane

R.T.: 6.124 min  
Delta R.T.: -0.004 min  
Response: 66520479  
Conc: 8.86 ng/ml



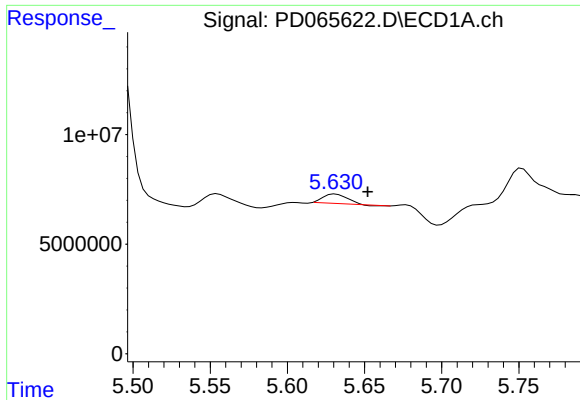
#11 alpha-Chlordane

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 107002215  
Conc: 71.08 ng/ml



#11 alpha-Chlordane

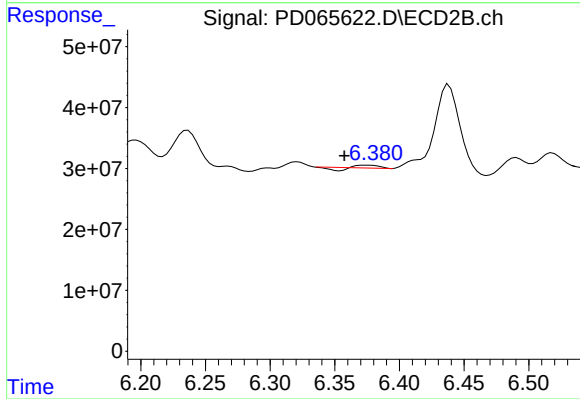
R.T.: 6.196 min  
Delta R.T.: -0.003 min  
Response: 91407849  
Conc: 12.41 ng/ml



#12 4,4'-DDE

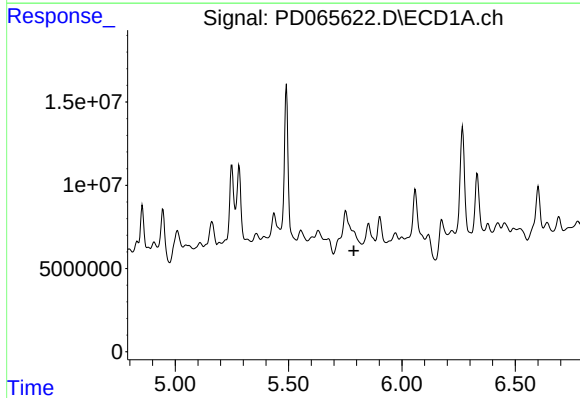
R.T.: 5.631 min  
Delta R.T.: -0.021 min  
Response: 4532871  
Conc: 3.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



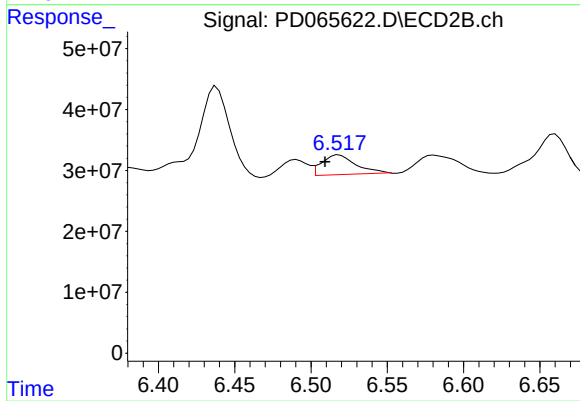
#12 4,4'-DDE

R.T.: 6.374 min  
Delta R.T.: 0.017 min  
Response: 2074766  
Conc: 0.29 ng/ml



#13 Dieldrin

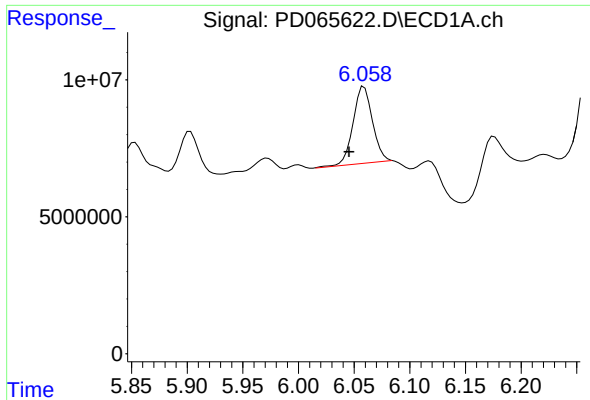
R.T.: 0.000 min  
Exp R.T. : 5.788 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 6.518 min  
Delta R.T.: 0.009 min  
Response: 48902820  
Conc: 6.48 ng/ml

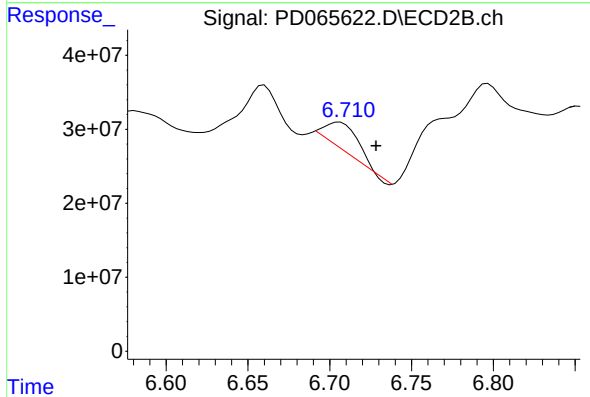




#14 Endrin

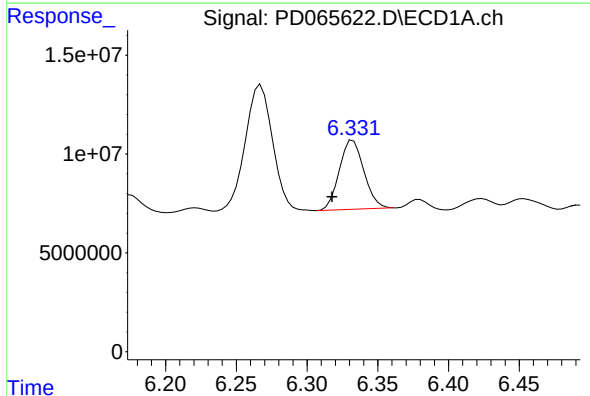
R.T.: 6.059 min  
Delta R.T.: 0.014 min  
Response: 34315610  
Conc: 24.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



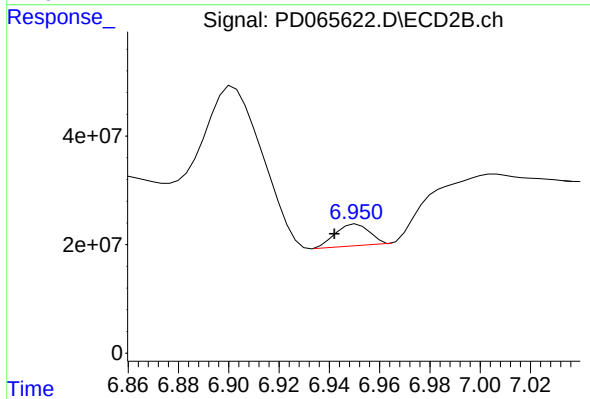
#14 Endrin

R.T.: 6.706 min  
Delta R.T.: -0.022 min  
Response: 50283958  
Conc: 8.43 ng/ml



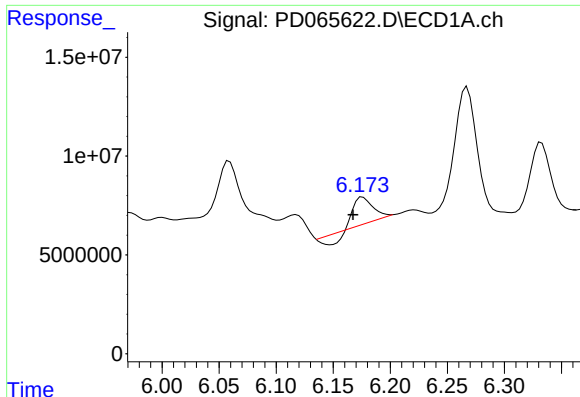
#15 Endosulfan II

R.T.: 6.332 min  
Delta R.T.: 0.015 min  
Response: 42254320  
Conc: 29.42 ng/ml



#15 Endosulfan II

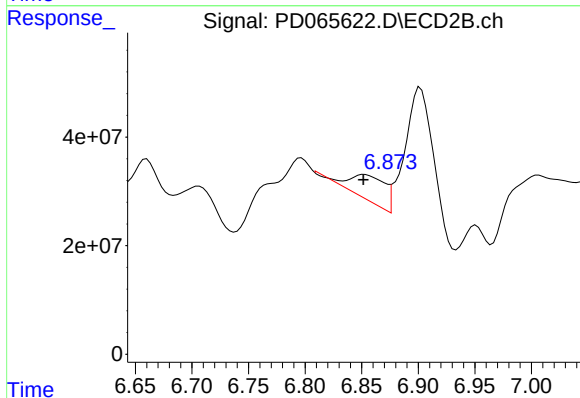
R.T.: 6.951 min  
Delta R.T.: 0.009 min  
Response: 37332404  
Conc: 5.82 ng/ml



#16 4,4'-DDD

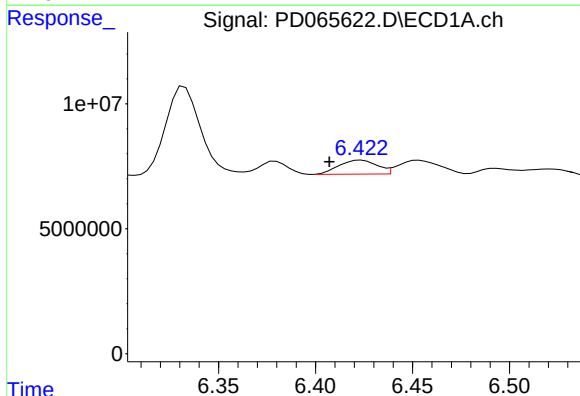
R.T.: 6.176 min  
Delta R.T.: 0.008 min  
Response: 11044150  
Conc: 8.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



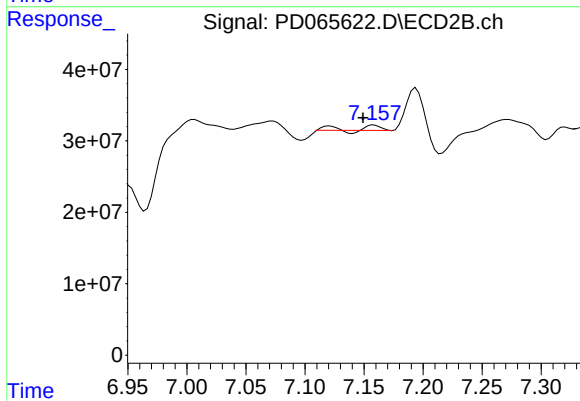
#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 109031986  
Conc: 17.47 ng/ml



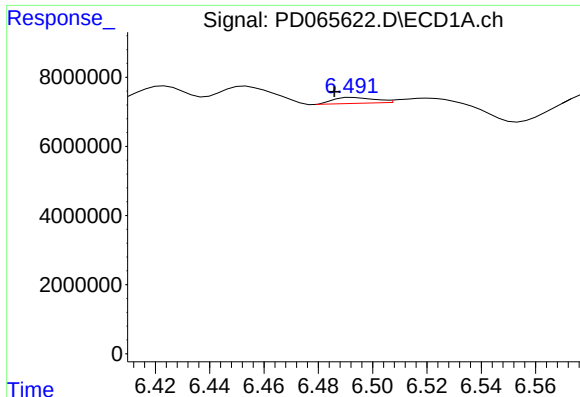
#17 4,4'-DDT

R.T.: 6.424 min  
Delta R.T.: 0.017 min  
Response: 7633572  
Conc: 5.55 ng/ml



#17 4,4'-DDT

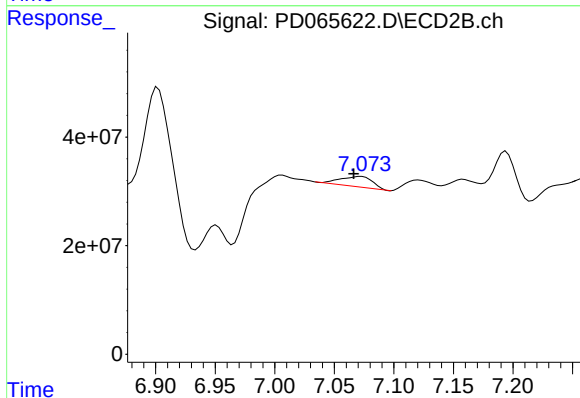
R.T.: 7.159 min  
Delta R.T.: 0.009 min  
Response: 6317096  
Conc: 1.04 ng/ml



#18 Endrin aldehyde

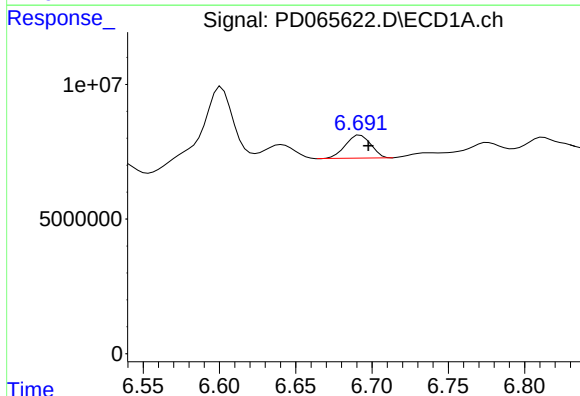
R.T.: 6.493 min  
Delta R.T.: 0.007 min  
Response: 1796716  
Conc: 1.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



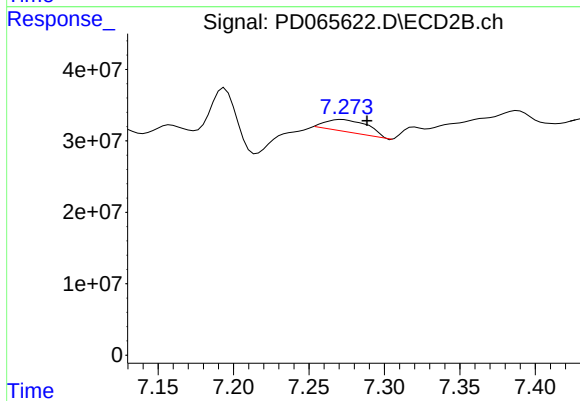
#18 Endrin aldehyde

R.T.: 7.072 min  
Delta R.T.: 0.006 min  
Response: 36086655  
Conc: 6.61 ng/ml



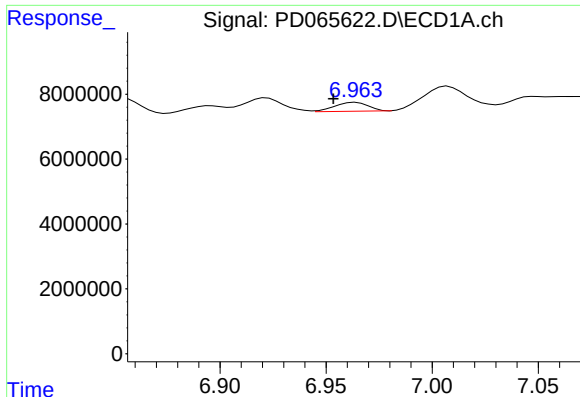
#19 Endosulfan Sulfate

R.T.: 6.692 min  
Delta R.T.: -0.005 min  
Response: 9928725  
Conc: 6.43 ng/ml



#19 Endosulfan Sulfate

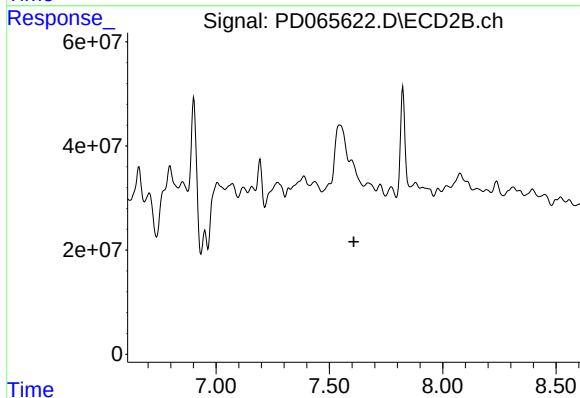
R.T.: 7.272 min  
Delta R.T.: -0.017 min  
Response: 33842009  
Conc: 5.29 ng/ml



#20 Methoxychlor

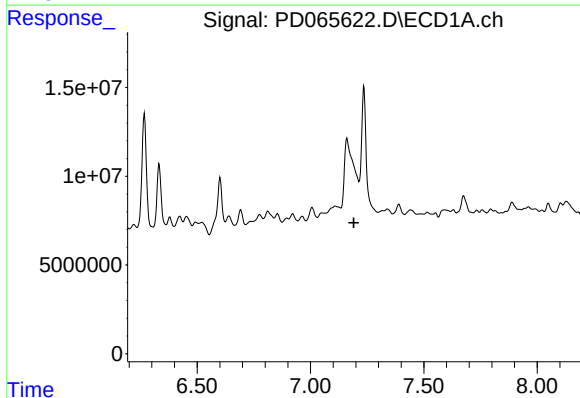
R.T.: 6.964 min  
Delta R.T.: 0.011 min  
Response: 3007178  
Conc: 3.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



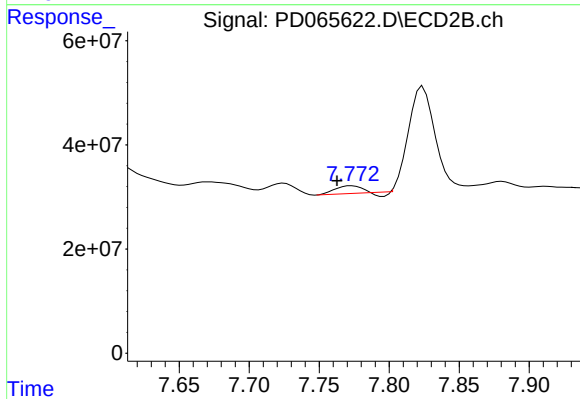
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.608 min  
Response: 0  
Conc: N.D.



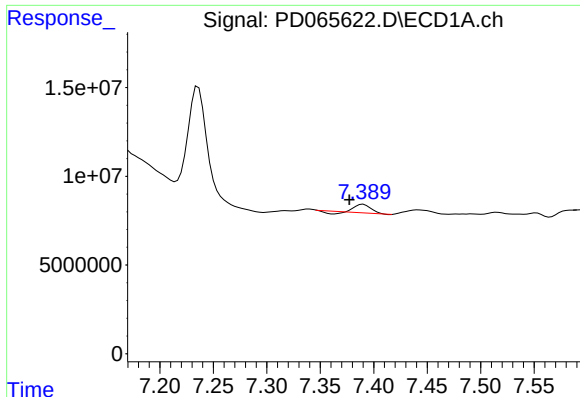
#21 Endrin ketone

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



#21 Endrin ketone

R.T.: 7.773 min  
Delta R.T.: 0.011 min  
Response: 7980715  
Conc: 1.05 ng/ml



#22 Mirex

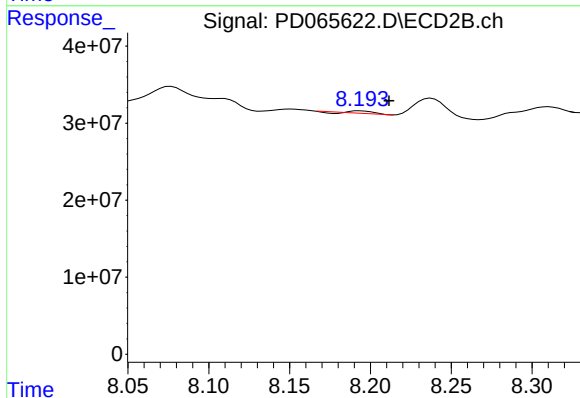
R.T.: 7.390 min

Delta R.T.: 0.013 min

Response: 3752917

Conc: 2.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



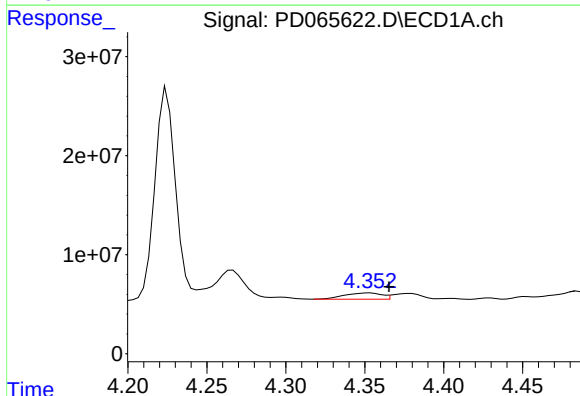
#22 Mirex

R.T.: 8.193 min

Delta R.T.: -0.018 min

Response: 2164747

Conc: 0.41 ng/ml



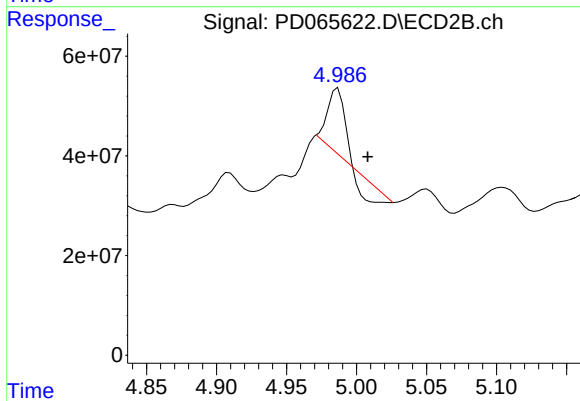
#23 Chlordane-1

R.T.: 4.353 min

Delta R.T.: -0.012 min

Response: 10463751

Conc: 253.06 ng/ml



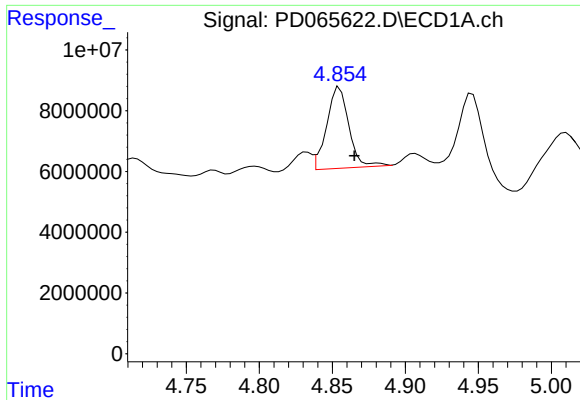
#23 Chlordane-1

R.T.: 4.987 min

Delta R.T.: -0.021 min

Response: 73481321

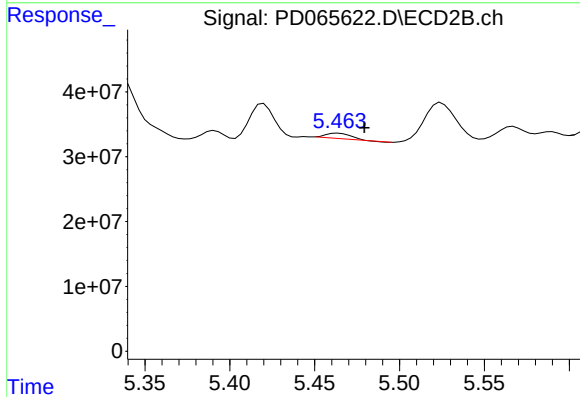
Conc: 251.95 ng/ml



#24 Chlordane-2

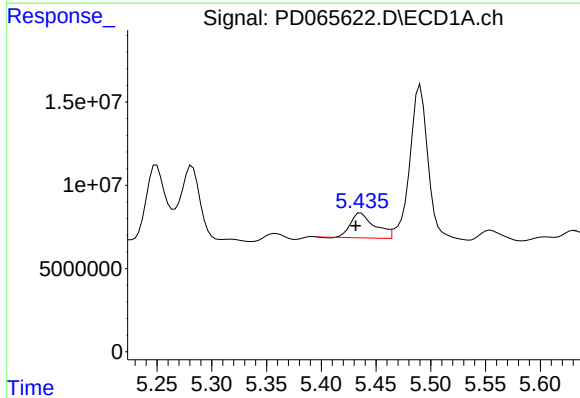
R.T.: 4.855 min  
Delta R.T.: -0.010 min  
Response: 28323677  
Conc: 545.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



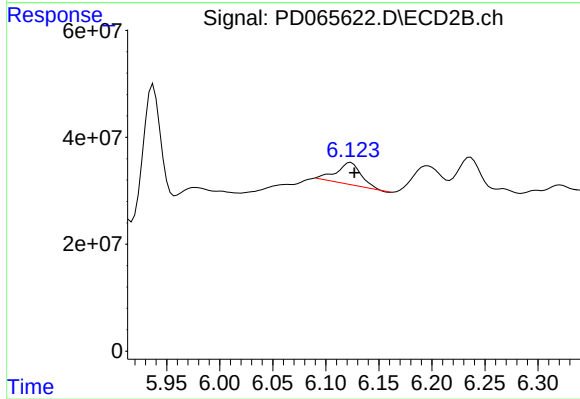
#24 Chlordane-2

R.T.: 5.464 min  
Delta R.T.: -0.015 min  
Response: 8578606  
Conc: 30.48 ng/ml



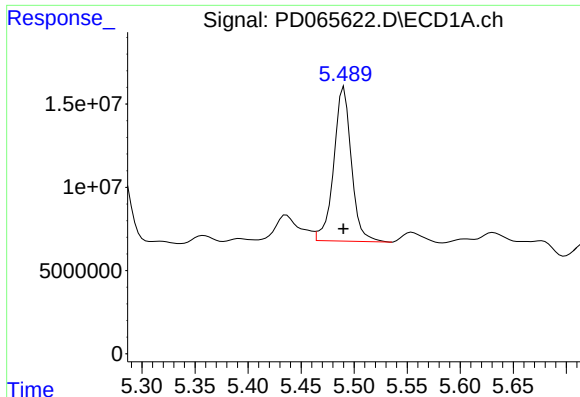
#25 Chlordane-3

R.T.: 5.436 min  
Delta R.T.: 0.005 min  
Response: 22869391  
Conc: 152.72 ng/ml



#25 Chlordane-3

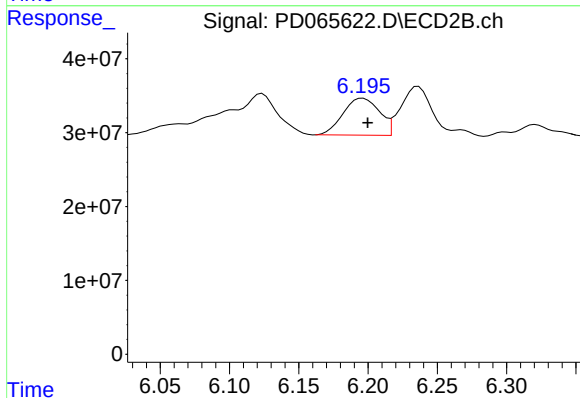
R.T.: 6.124 min  
Delta R.T.: -0.003 min  
Response: 66520479  
Conc: 64.44 ng/ml



#26 Chlordane-4

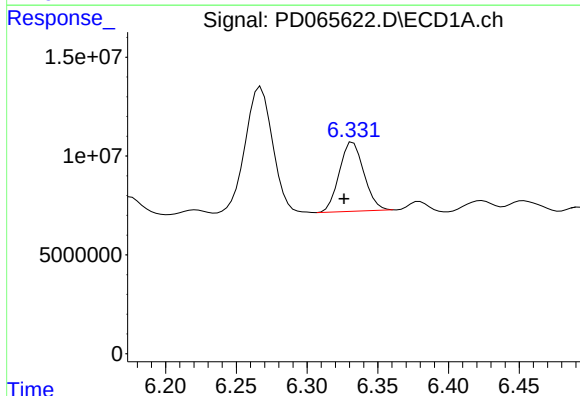
R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 107002215  
Conc: 863.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



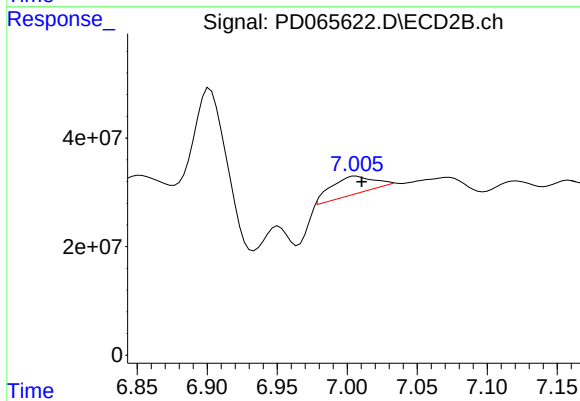
#26 Chlordane-4

R.T.: 6.196 min  
Delta R.T.: -0.003 min  
Response: 91407849  
Conc: 75.74 ng/ml



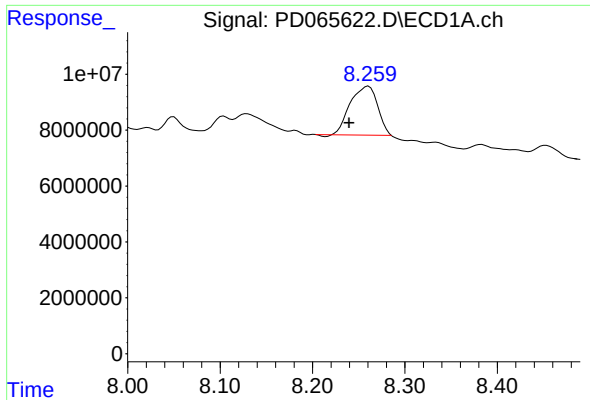
#27 Chlordane-5

R.T.: 6.332 min  
Delta R.T.: 0.006 min  
Response: 42254320  
Conc: 700.28 ng/ml



#27 Chlordane-5

R.T.: 7.007 min  
Delta R.T.: -0.004 min  
Response: 74334751  
Conc: 316.98 ng/ml



#28 Decachlorobiphenyl

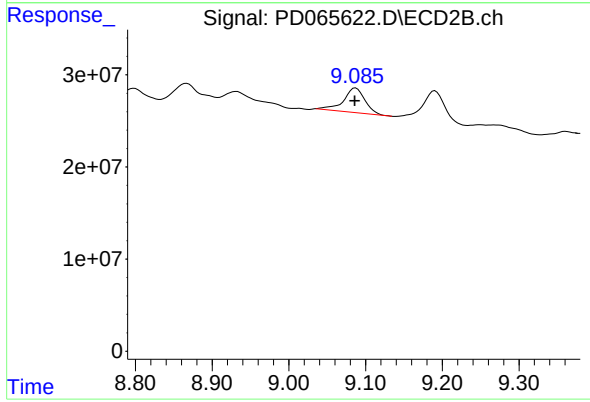
R.T.: 8.261 min

Delta R.T.: 0.021 min

Response: 35786414

Conc: 20.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.087 min

Delta R.T.: 0.000 min

Response: 51160696

Conc: 9.59 ng/ml