

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102020\  
 Data File : PD059836.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Oct 2020 09:49  
 Operator : DD\AJ  
 Sample : L4214-01  
 Misc : PEST LOD 1 PPB  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 07:33:50 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 20 07:13:18 2020  
 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... | 3.507  | 4.024 | 30232687 | 50702437 | 20.361 | 20.657  |
| 28)                         | SA Decachlor... | 8.308  | 9.108 | 34466193 | 41255828 | 22.292 | 22.782  |
| Target Compounds            |                 |        |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.949  | 4.415 | 2773918  | 4835503  | 1.148  | 1.262   |
| 3)                          | MA gamma-BHC... | 4.235  | 4.700 | 3173593  | 3410124  | 1.393  | 0.972 # |
| 4)                          | MA Heptachlor   | 4.543  | 5.212 | 2569242  | 4998844  | 1.083  | 1.466 # |
| 5)                          | MB Aldrin       | 4.795  | 5.519 | 2444534  | 4355615  | 1.096  | 1.386 # |
| 6)                          | B beta-BHC      | 4.485  | 4.868 | 1372459  | 1588090  | 1.460  | 1.084 # |
| 7)                          | B delta-BHC     | 4.694  | 5.087 | 2369421  | 1772994  | 1.072  | 0.621 # |
| 8)                          | B Heptachlo...  | 5.241  | 5.904 | 2561409  | 3365380  | 1.249  | 1.226   |
| 9)                          | A Endosulfan I  | 5.584  | 6.263 | 2186292  | 3097239  | 1.154  | 1.160   |
| 10)                         | B gamma-Chl...  | 5.471  | 6.139 | 3117595  | 3170183  | 1.511  | 1.085 # |
| 11)                         | B alpha-Chl...  | 5.529  | 6.212 | 2524617  | 3278700  | 1.233  | 1.128   |
| 12)                         | B 4,4'-DDE      | 5.694  | 6.367 | 2361959  | 3004578  | 1.165  | 1.096   |
| 13)                         | MA Dieldrin     | 5.829  | 6.520 | 2286118  | 3309653  | 1.113  | 1.153   |
| 14)                         | MA Endrin       | 6.088  | 6.739 | 2287700  | 2573538  | 1.245  | 1.040   |
| 15)                         | B Endosulfa...  | 6.363  | 6.947 | 2364463  | 4111028  | 1.251  | 1.584 # |
| 16)                         | A 4,4'-DDD      | 6.214  | 6.857 | 2093683  | 3392671  | 1.253  | 1.466   |
| 17)                         | MA 4,4'-DDT     | 6.457  | 7.157 | 1962841  | 2723447  | 1.094  | 1.150   |
| 18)                         | B Endrin al...  | 6.532  | 7.071 | 1821156  | 2918336  | 1.254  | 1.412   |
| 19)                         | B Endosulfa...  | 6.747  | 7.293 | 2135830  | 2908200  | 1.321  | 1.264   |
| 20)                         | A Methoxychlor  | 7.008  | 7.614 | 736998   | 1478006  | 0.778  | 1.161 # |
| 21)                         | B Endrin ke...  | 7.241  | 7.766 | 2294841  | 3260742  | 1.224  | 1.312   |
| 22)                         | Mirex           | 7.437  | 8.222 | 2557808  | 1935685  | 1.785  | 1.184 # |
| 23)                         | Chlordane-1     | 4.412f | 0.000 | 3836391  | 0        | 62.410 | N.D. #  |
| 24)                         | Chlordane-2     | 0.000  | 5.486 | 0        | 839865   | N.D.   | 8.523 # |
| 25)                         | Chlordane-3     | 5.471  | 6.139 | 3117595  | 3170183  | 16.535 | 8.402 # |
| 26)                         | Chlordane-4     | 5.529  | 6.212 | 2524617  | 3278700  | 16.531 | 7.339 # |
| 27)                         | Chlordane-5     | 6.363  | 7.013 | 2364463  | 525196   | 32.674 | 6.378 # |
| -----                       |                 |        |       |          |          |        |         |

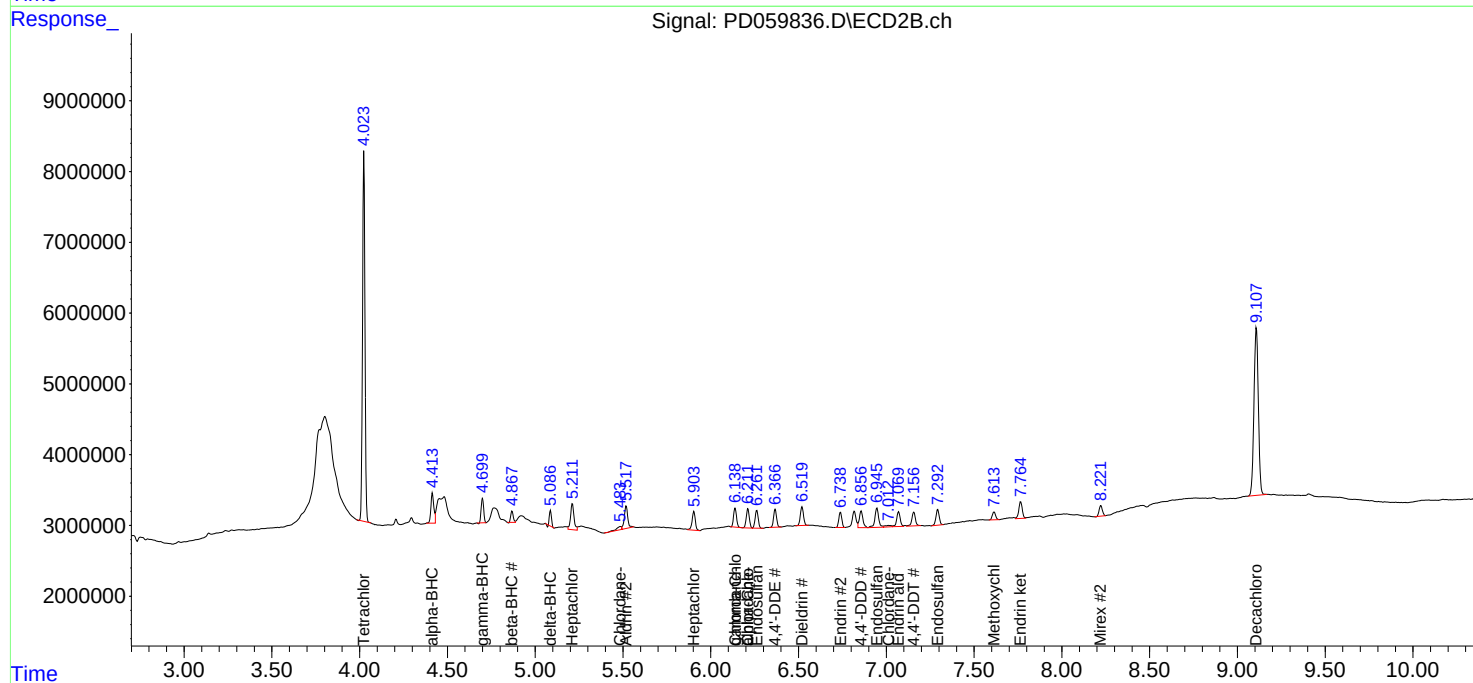
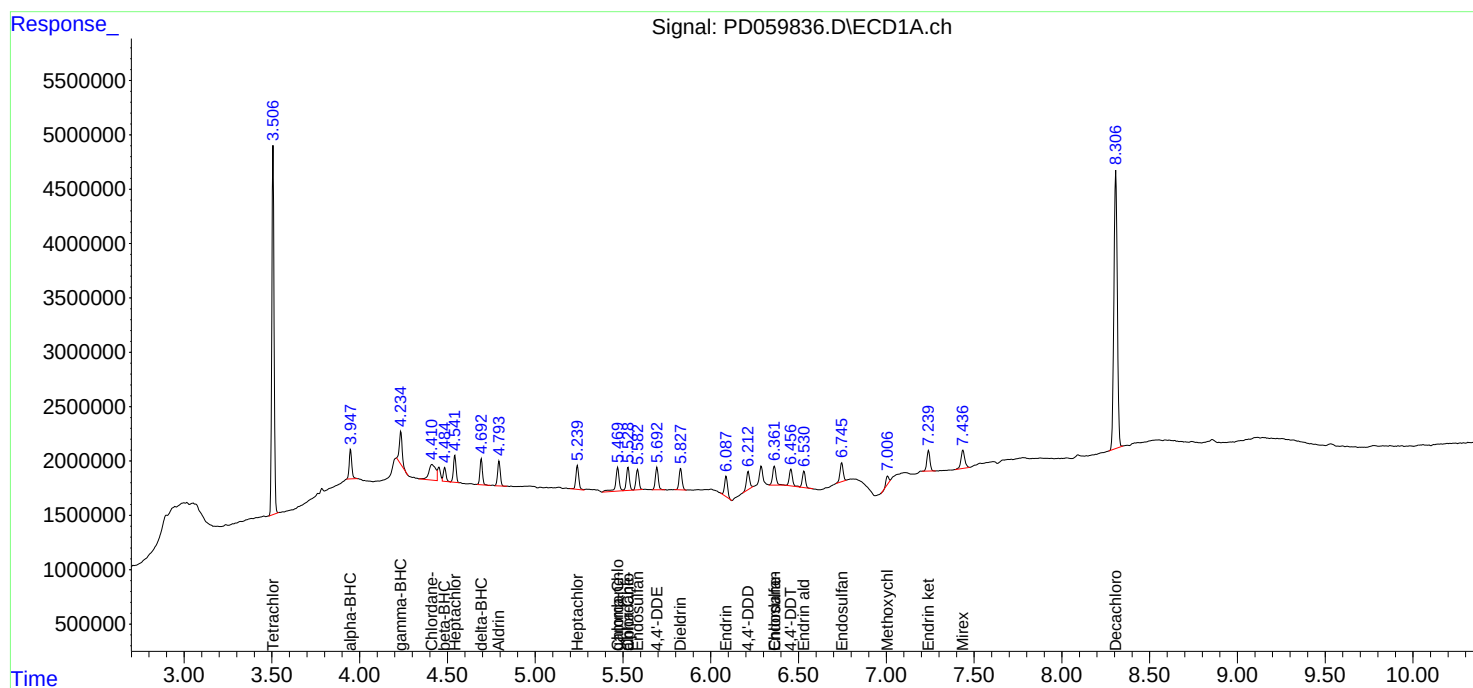
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

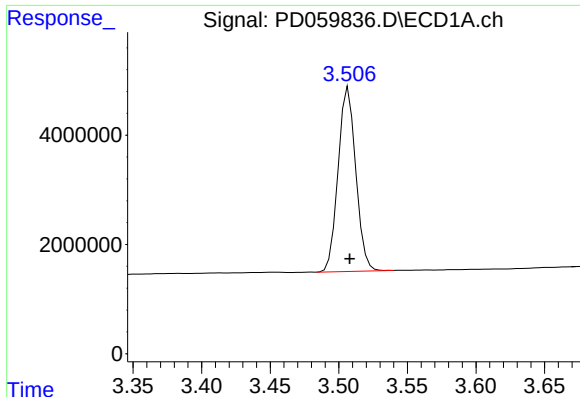
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102020\  
Data File : PD059836.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Oct 2020 09:49  
Operator : DD\AJ  
Sample : L4214-01  
Misc : PEST LOD 1 PPB  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 07:33:50 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101920.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 20 07:13:18 2020  
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

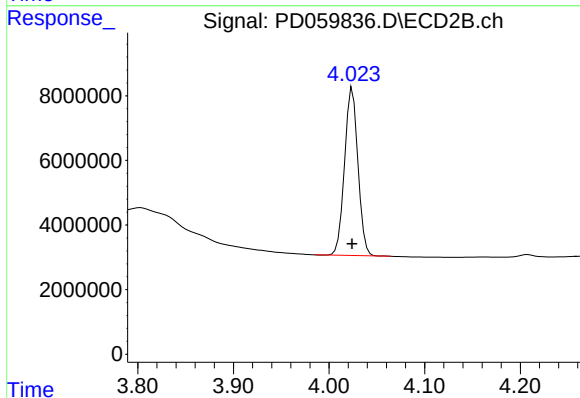




#1 Tetrachloro-m-xylene

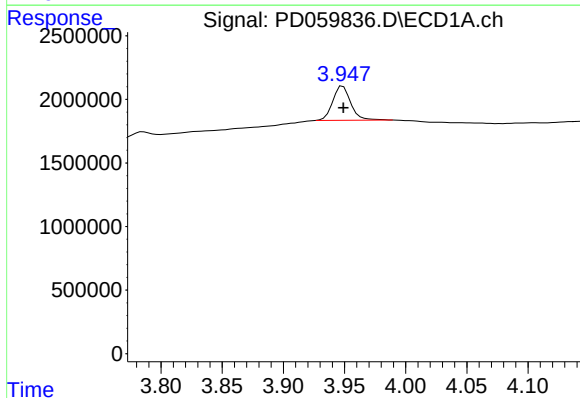
R.T.: 3.507 min  
Delta R.T.: 0.000 min  
Response: 30232687  
Conc: 20.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



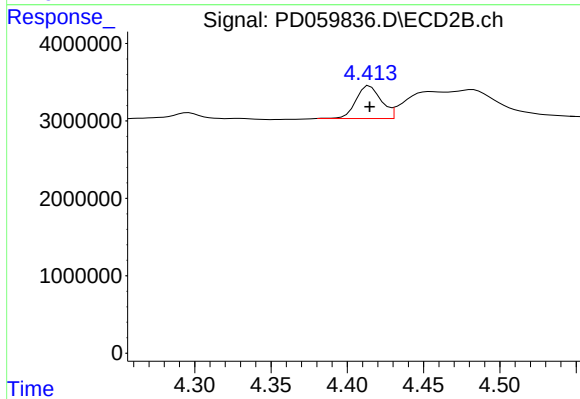
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 50702437  
Conc: 20.66 ng/ml



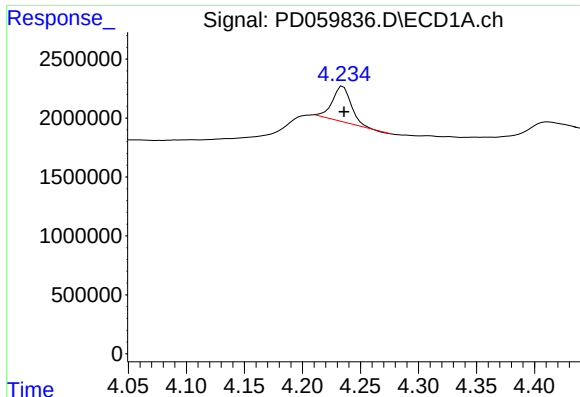
#2 alpha-BHC

R.T.: 3.949 min  
Delta R.T.: 0.000 min  
Response: 2773918  
Conc: 1.15 ng/ml



#2 alpha-BHC

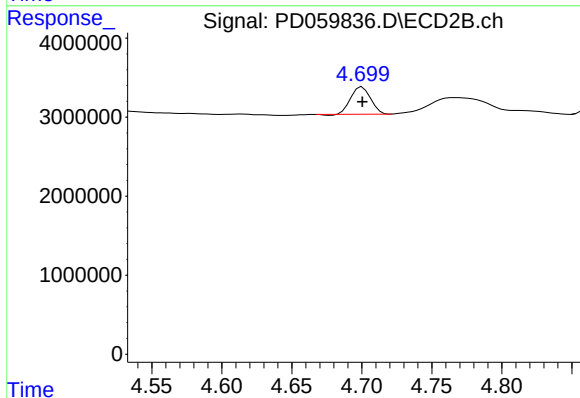
R.T.: 4.415 min  
Delta R.T.: 0.000 min  
Response: 4835503  
Conc: 1.26 ng/ml



#3 gamma-BHC (Lindane)

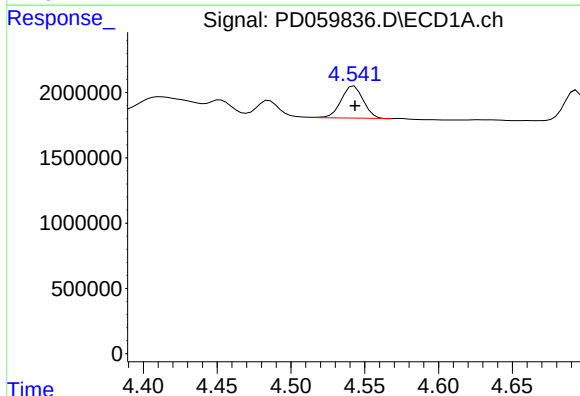
R.T.: 4.235 min  
Delta R.T.: 0.000 min  
Response: 3173593  
Conc: 1.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



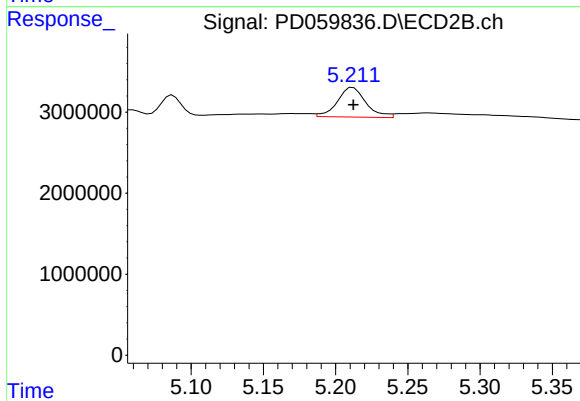
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: 0.000 min  
Response: 3410124  
Conc: 0.97 ng/ml



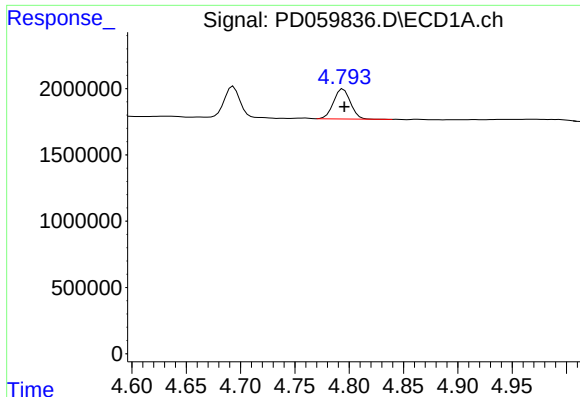
#4 Heptachlor

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 2569242  
Conc: 1.08 ng/ml



#4 Heptachlor

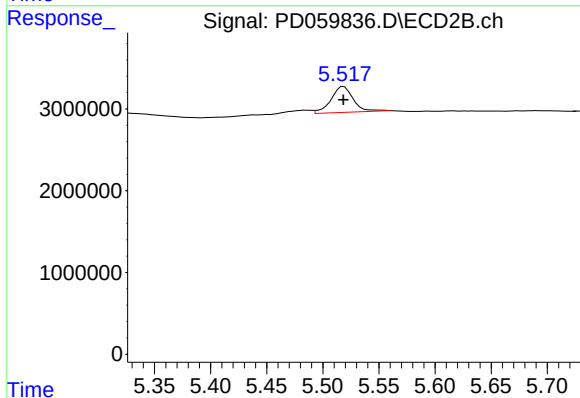
R.T.: 5.212 min  
Delta R.T.: 0.000 min  
Response: 4998844  
Conc: 1.47 ng/ml



#5 Aldrin

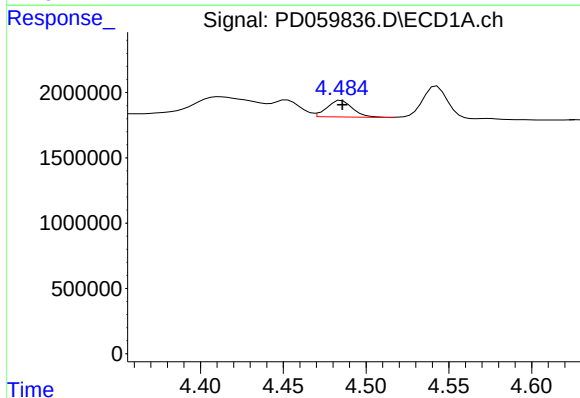
R.T.: 4.795 min  
Delta R.T.: 0.000 min  
Response: 2444534  
Conc: 1.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



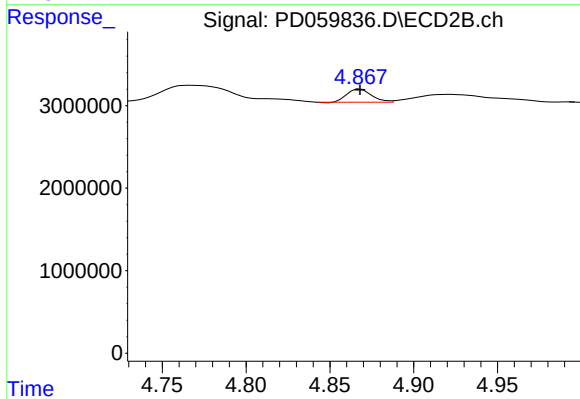
#5 Aldrin

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 4355615  
Conc: 1.39 ng/ml



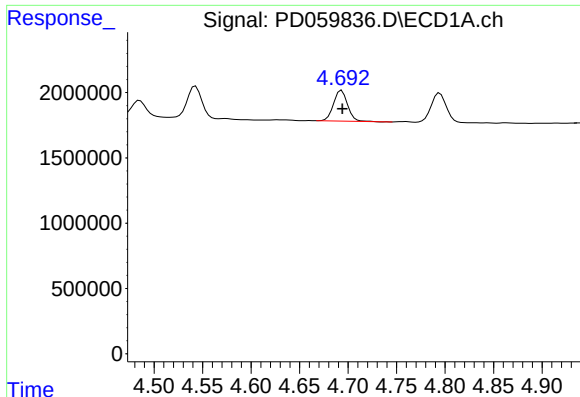
#6 beta-BHC

R.T.: 4.485 min  
Delta R.T.: 0.000 min  
Response: 1372459  
Conc: 1.46 ng/ml



#6 beta-BHC

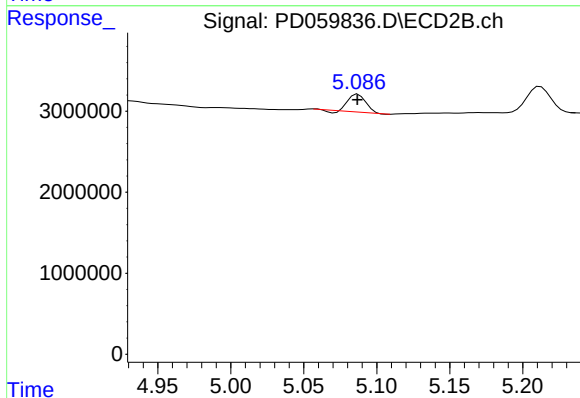
R.T.: 4.868 min  
Delta R.T.: 0.000 min  
Response: 1588090  
Conc: 1.08 ng/ml



#7 delta-BHC

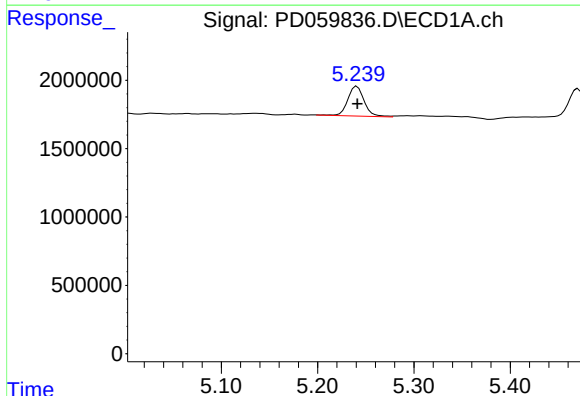
R.T.: 4.694 min  
Delta R.T.: 0.000 min  
Response: 2369421  
Conc: 1.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



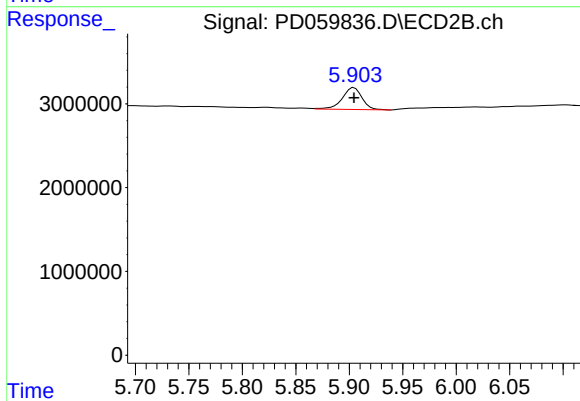
#7 delta-BHC

R.T.: 5.087 min  
Delta R.T.: 0.000 min  
Response: 1772994  
Conc: 0.62 ng/ml



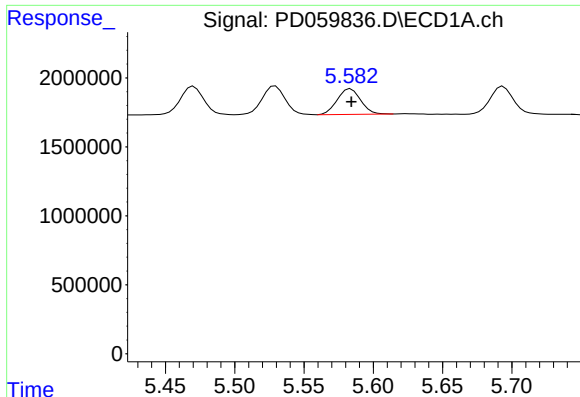
#8 Heptachlor epoxide

R.T.: 5.241 min  
Delta R.T.: 0.000 min  
Response: 2561409  
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

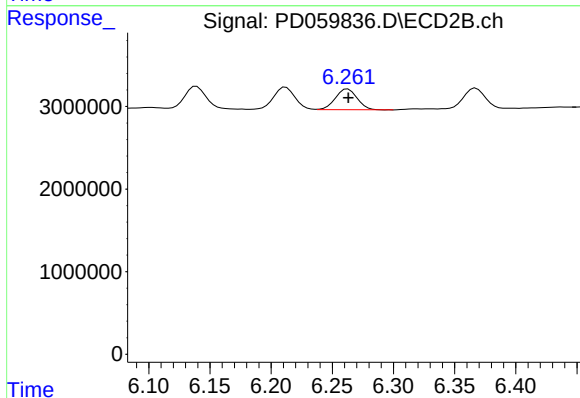
R.T.: 5.904 min  
Delta R.T.: 0.000 min  
Response: 3365380  
Conc: 1.23 ng/ml



#9 Endosulfan I

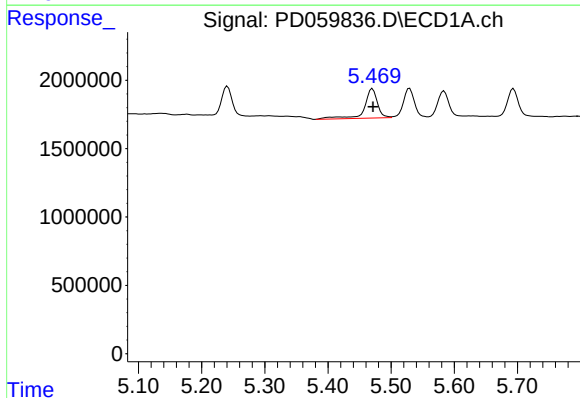
R.T.: 5.584 min  
Delta R.T.: 0.000 min  
Response: 2186292  
Conc: 1.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



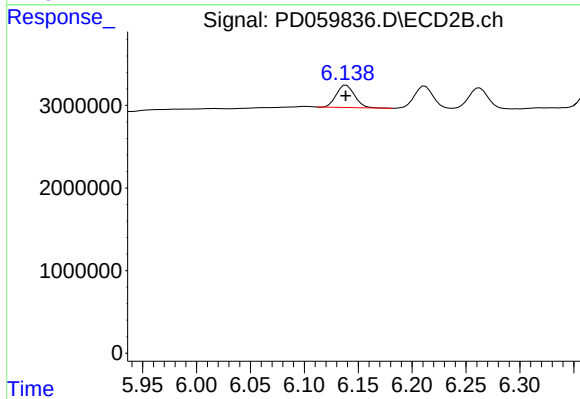
#9 Endosulfan I

R.T.: 6.263 min  
Delta R.T.: 0.000 min  
Response: 3097239  
Conc: 1.16 ng/ml



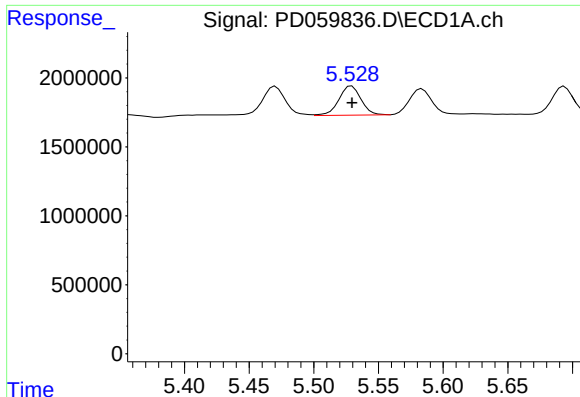
#10 gamma-Chlordane

R.T.: 5.471 min  
Delta R.T.: 0.000 min  
Response: 3117595  
Conc: 1.51 ng/ml



#10 gamma-Chlordane

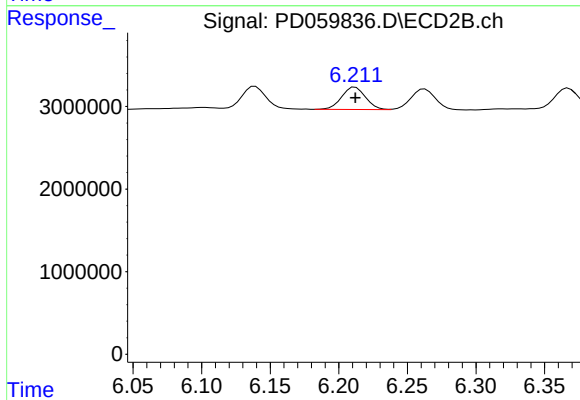
R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 3170183  
Conc: 1.08 ng/ml



#11 alpha-Chlordane

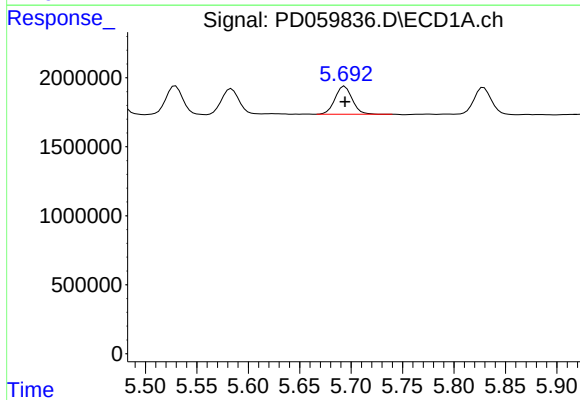
R.T.: 5.529 min  
Delta R.T.: 0.000 min  
Response: 2524617  
Conc: 1.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



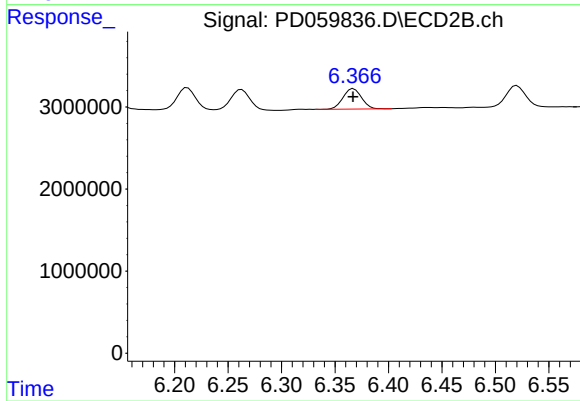
#11 alpha-Chlordane

R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 3278700  
Conc: 1.13 ng/ml



#12 4,4'-DDE

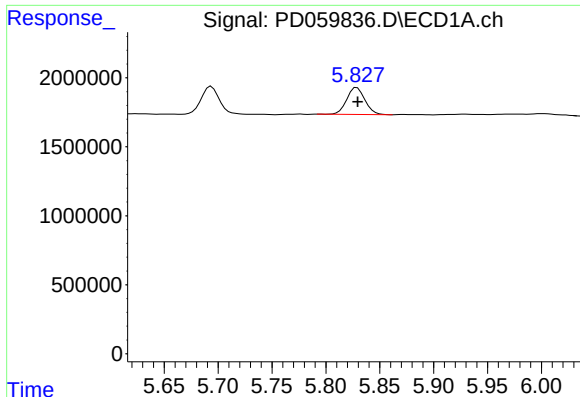
R.T.: 5.694 min  
Delta R.T.: 0.000 min  
Response: 2361959  
Conc: 1.17 ng/ml



#12 4,4'-DDE

R.T.: 6.367 min  
Delta R.T.: 0.000 min  
Response: 3004578  
Conc: 1.10 ng/ml

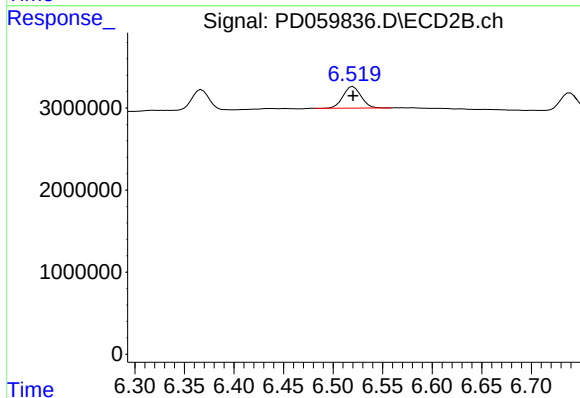




#13 Dieldrin

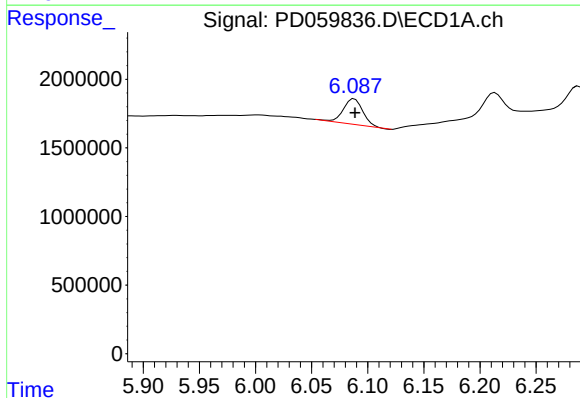
R.T.: 5.829 min  
Delta R.T.: 0.000 min  
Response: 2286118  
Conc: 1.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



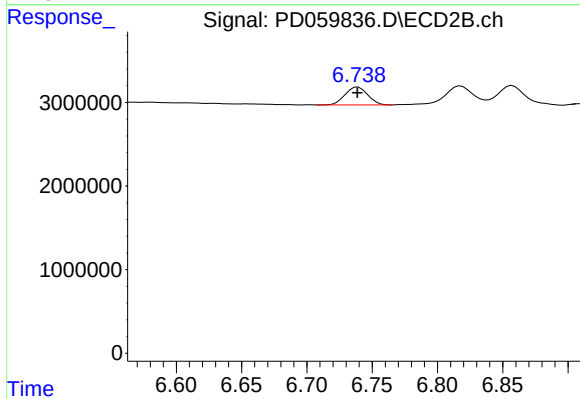
#13 Dieldrin

R.T.: 6.520 min  
Delta R.T.: 0.000 min  
Response: 3309653  
Conc: 1.15 ng/ml



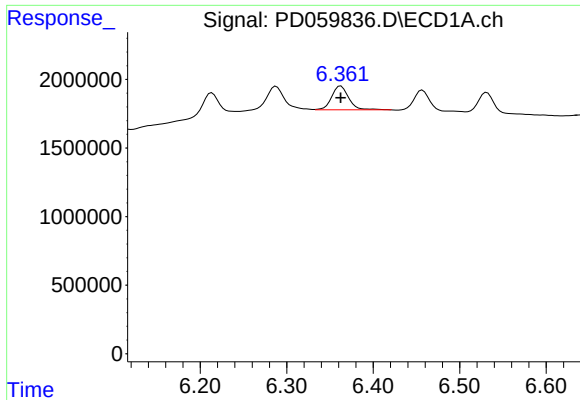
#14 Endrin

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 2287700  
Conc: 1.24 ng/ml



#14 Endrin

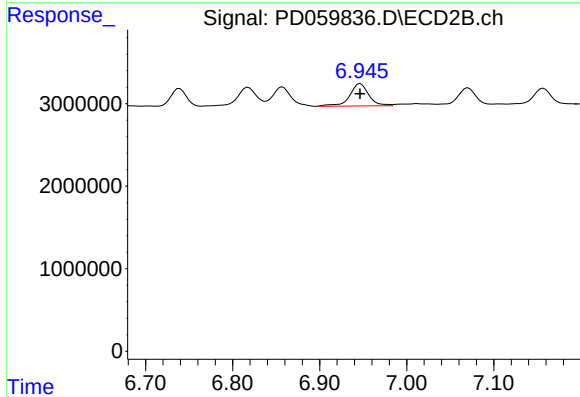
R.T.: 6.739 min  
Delta R.T.: 0.000 min  
Response: 2573538  
Conc: 1.04 ng/ml



#15 Endosulfan II

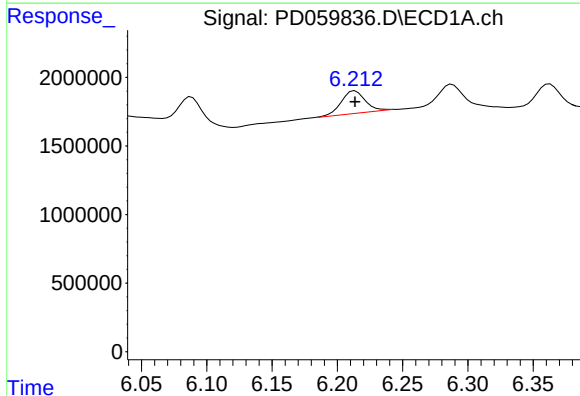
R.T.: 6.363 min  
Delta R.T.: 0.000 min  
Response: 2364463  
Conc: 1.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



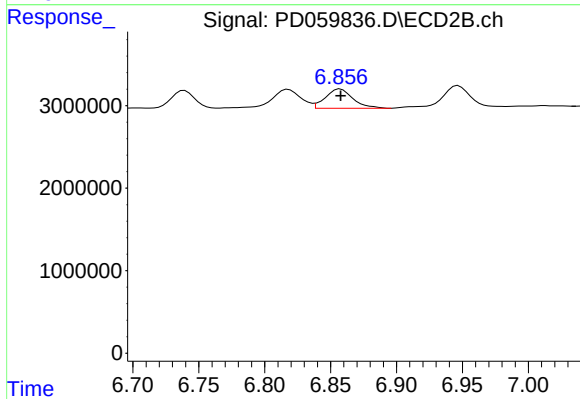
#15 Endosulfan II

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 4111028  
Conc: 1.58 ng/ml



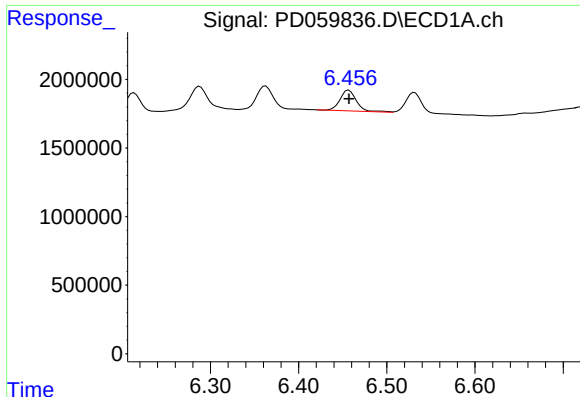
#16 4,4'-DDD

R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 2093683  
Conc: 1.25 ng/ml



#16 4,4'-DDD

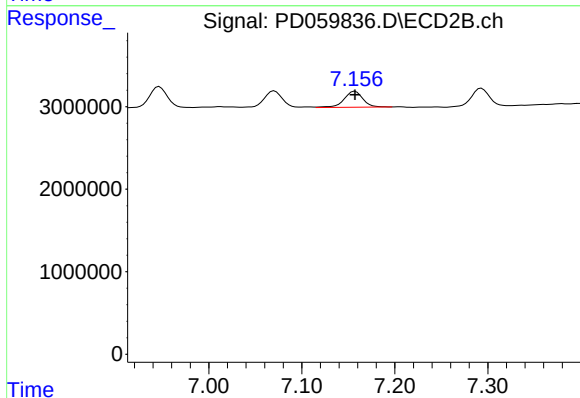
R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 3392671  
Conc: 1.47 ng/ml



#17 4,4'-DDT

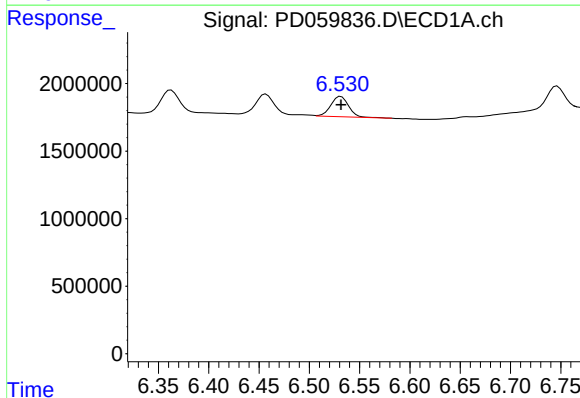
R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 1962841  
Conc: 1.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



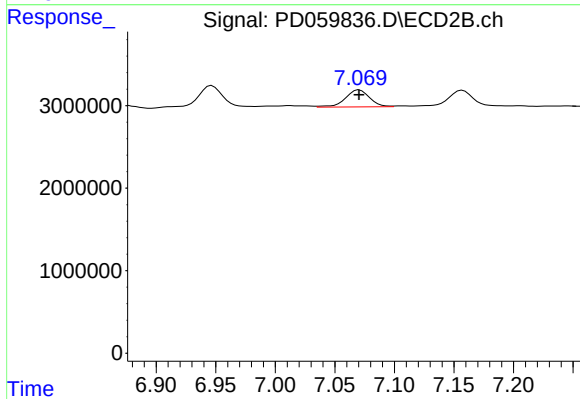
#17 4,4'-DDT

R.T.: 7.157 min  
Delta R.T.: 0.000 min  
Response: 2723447  
Conc: 1.15 ng/ml



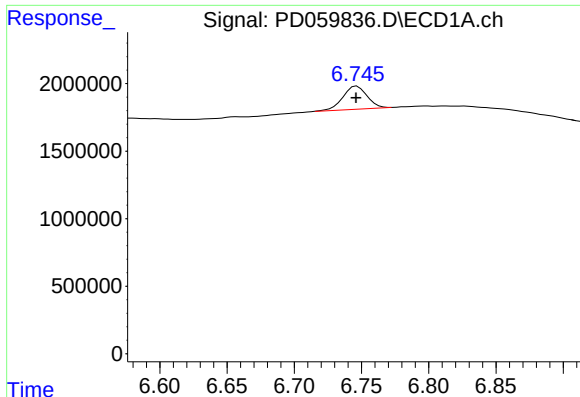
#18 Endrin aldehyde

R.T.: 6.532 min  
Delta R.T.: 0.000 min  
Response: 1821156  
Conc: 1.25 ng/ml



#18 Endrin aldehyde

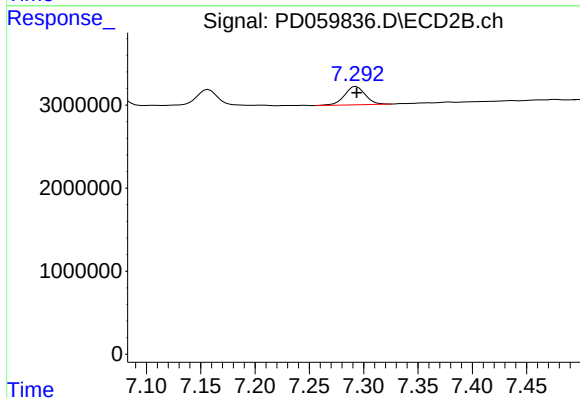
R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: 2918336  
Conc: 1.41 ng/ml



#19 Endosulfan Sulfate

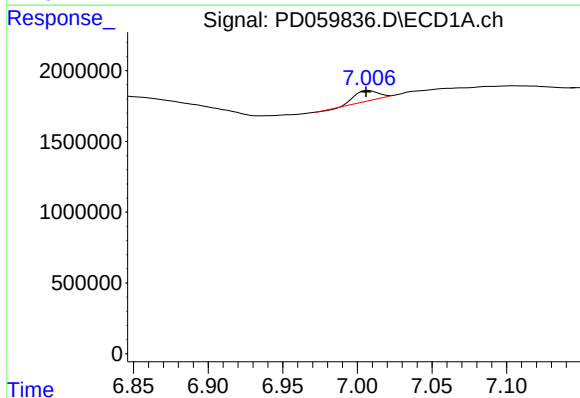
R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 2135830  
Conc: 1.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



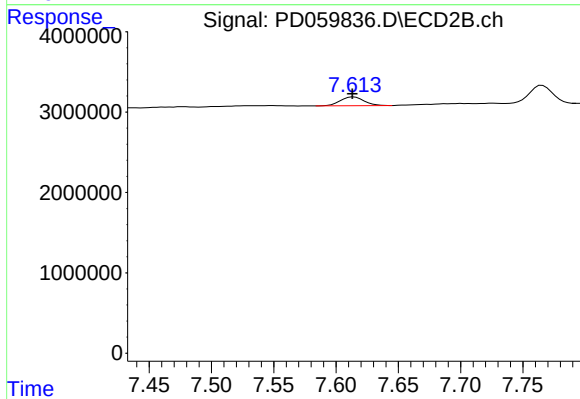
#19 Endosulfan Sulfate

R.T.: 7.293 min  
Delta R.T.: 0.000 min  
Response: 2908200  
Conc: 1.26 ng/ml



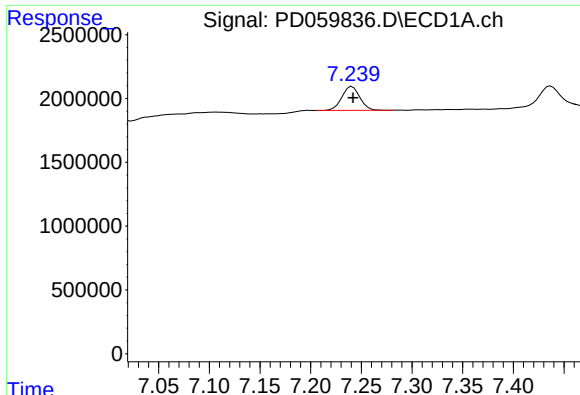
#20 Methoxychlor

R.T.: 7.008 min  
Delta R.T.: 0.002 min  
Response: 736998  
Conc: 0.78 ng/ml



#20 Methoxychlor

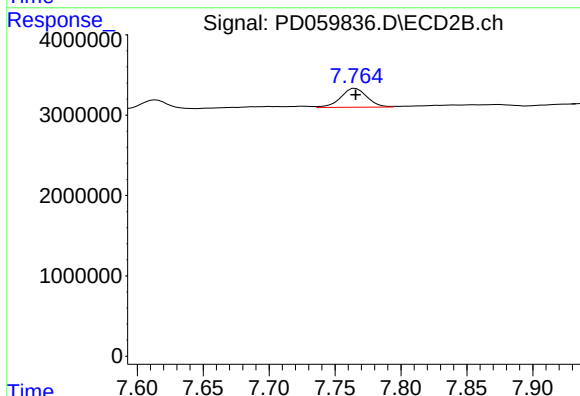
R.T.: 7.614 min  
Delta R.T.: 0.001 min  
Response: 1478006  
Conc: 1.16 ng/ml



#21 Endrin ketone

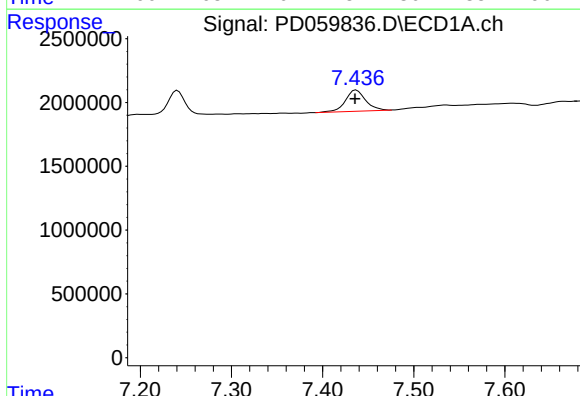
R.T.: 7.241 min  
Delta R.T.: 0.000 min  
Response: 2294841  
Conc: 1.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



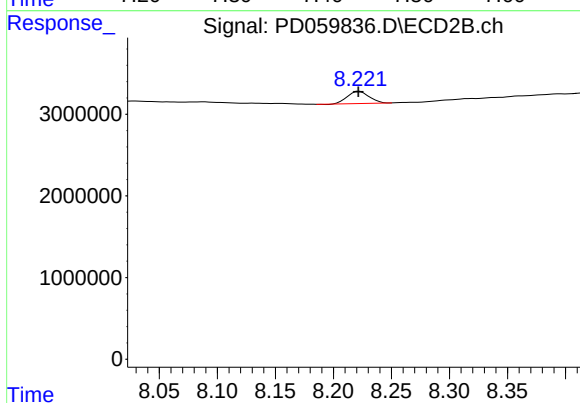
#21 Endrin ketone

R.T.: 7.766 min  
Delta R.T.: 0.000 min  
Response: 3260742  
Conc: 1.31 ng/ml



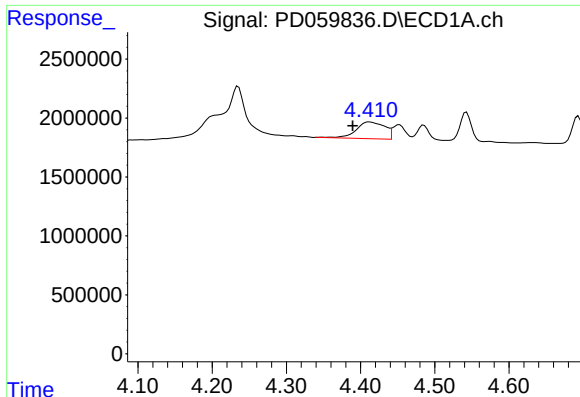
#22 Mirex

R.T.: 7.437 min  
Delta R.T.: 0.001 min  
Response: 2557808  
Conc: 1.79 ng/ml



#22 Mirex

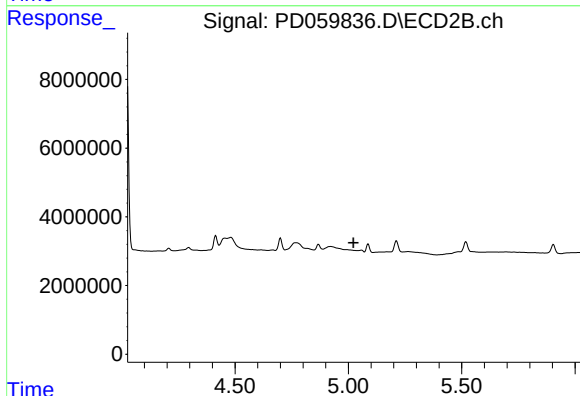
R.T.: 8.222 min  
Delta R.T.: 0.000 min  
Response: 1935685  
Conc: 1.18 ng/ml



#23 Chlordane-1

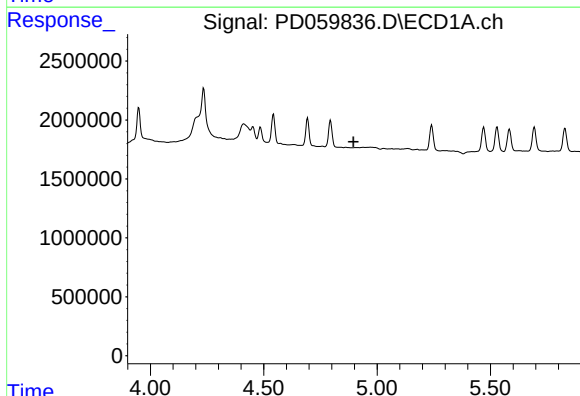
R.T.: 4.412 min  
Delta R.T.: 0.023 min  
Response: 3836391  
Conc: 62.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



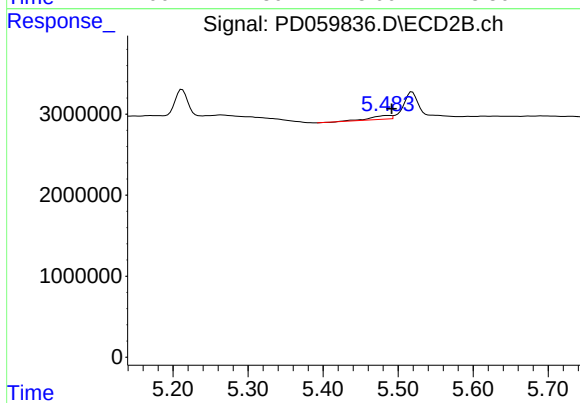
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.023 min  
Response: 0  
Conc: N.D.



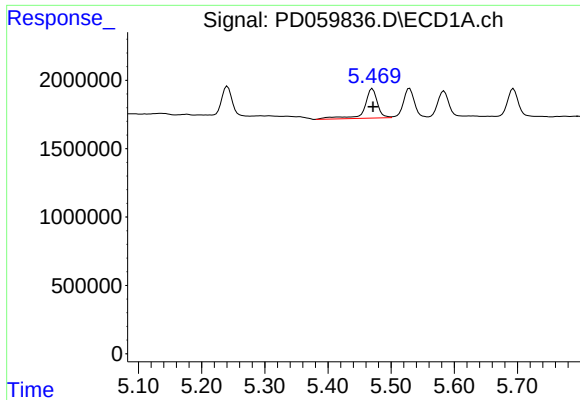
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.896 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

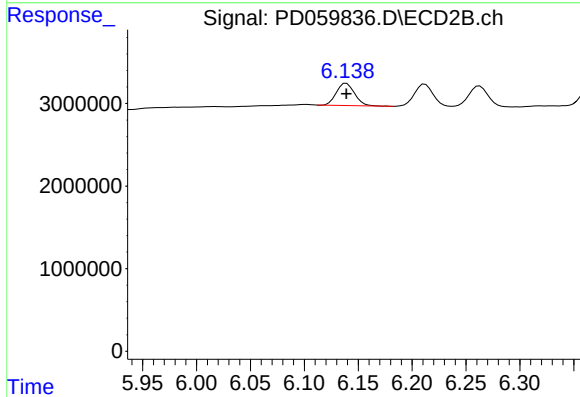
R.T.: 5.486 min  
Delta R.T.: -0.005 min  
Response: 839865  
Conc: 8.52 ng/ml



#25 Chlordane-3

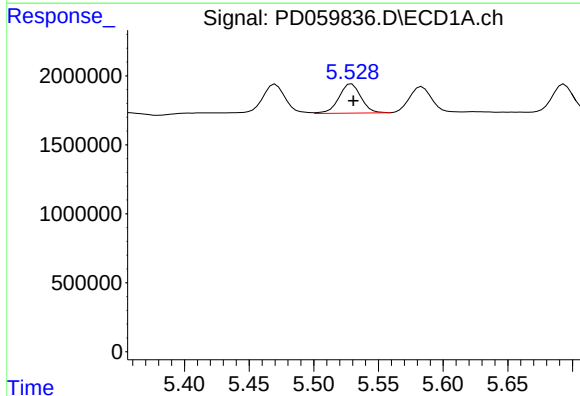
R.T.: 5.471 min  
Delta R.T.: -0.001 min  
Response: 3117595  
Conc: 16.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



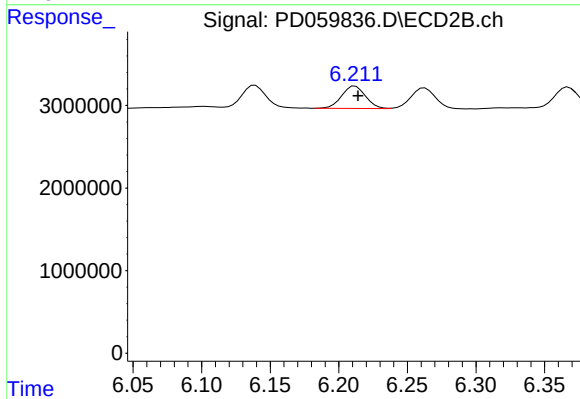
#25 Chlordane-3

R.T.: 6.139 min  
Delta R.T.: 0.000 min  
Response: 3170183  
Conc: 8.40 ng/ml



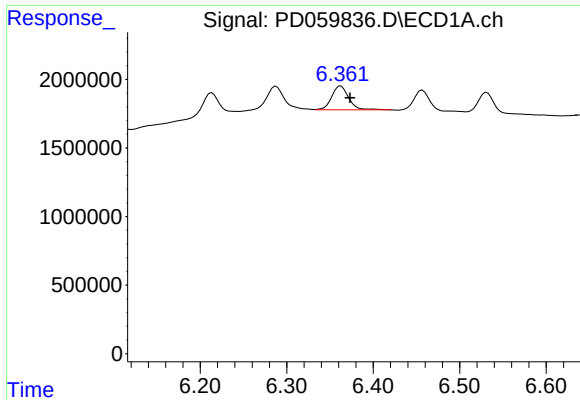
#26 Chlordane-4

R.T.: 5.529 min  
Delta R.T.: -0.001 min  
Response: 2524617  
Conc: 16.53 ng/ml



#26 Chlordane-4

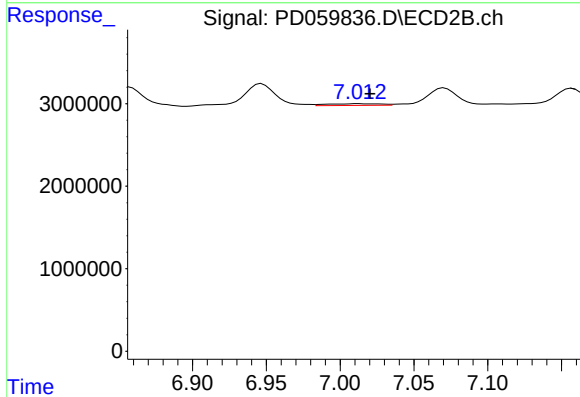
R.T.: 6.212 min  
Delta R.T.: -0.002 min  
Response: 3278700  
Conc: 7.34 ng/ml



#27 Chlordane-5

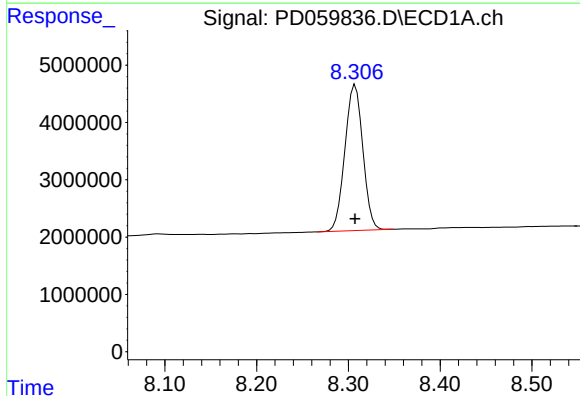
R.T.: 6.363 min  
Delta R.T.: -0.010 min  
Response: 2364463  
Conc: 32.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



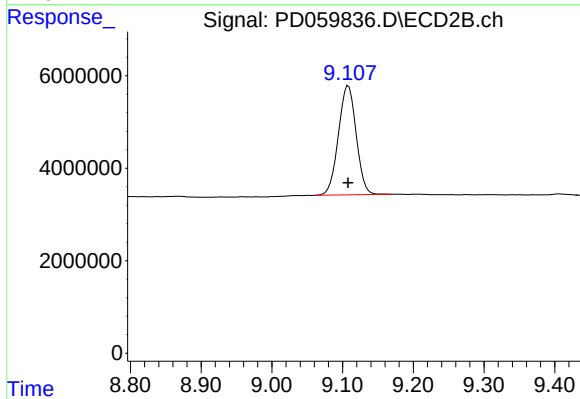
#27 Chlordane-5

R.T.: 7.013 min  
Delta R.T.: -0.008 min  
Response: 525196  
Conc: 6.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.308 min  
Delta R.T.: 0.000 min  
Response: 34466193  
Conc: 22.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.108 min  
Delta R.T.: 0.000 min  
Response: 41255828  
Conc: 22.78 ng/ml