

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082825\  
 Data File : PD090072.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Aug 2025 17:58  
 Operator : AR\AJ  
 Sample : Q2971-13  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 28 23:30:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 2025  
 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... | 3.549  | 2.878  | 45877882 | 650.6E6  | 15.632 | 29.504 # |
| 28)                         | SA Decachlor... | 9.069  | 8.065  | 61599690 | 341.2E6  | 14.273 | 13.182   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.381  | 0        | 85894858 | N.D.   | 2.531 #  |
| 3)                          | MA gamma-BHC... | 4.302f | 3.731  | 9072293  | 5112154  | 1.584  | 0.164 #  |
| 4)                          | MA Heptachlor   | 4.945f | 4.086  | 930694   | 2658526  | 0.166  | 0.085 #  |
| 5)                          | MB Aldrin       | 5.256  | 4.361  | 222972   | 1893910  | 0.041  | 0.062 #  |
| 6)                          | B beta-BHC      | 4.493f | 4.027  | 788070   | 5201747  | 0.351  | 0.390    |
| 7)                          | B delta-BHC     | 4.775  | 4.254  | 2028445  | 1910125  | 0.392  | 0.061 #  |
| 8)                          | B Heptachlo...  | 5.663f | 4.860  | 990112   | 938965   | 0.202  | 0.034 #  |
| 9)                          | A Endosulfan I  | 6.099f | 5.263f | 2904377  | 30649217 | 0.629  | 1.169 #  |
| 10)                         | B gamma-Chl...  | 5.973f | 5.096f | 361660   | 19814920 | 0.074  | 0.669 #  |
| 11)                         | B alpha-Chl...  | 6.032  | 5.197  | 329367   | 32381342 | 0.067  | 1.135 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.375  | 0        | 4068115  | N.D.   | 0.141 #  |
| 13)                         | MA Dieldrin     | 6.347  | 5.508  | -82837   | 34979786 | N.D.   | 1.194    |
| 14)                         | MA Endrin       | 6.573  | 5.786  | 414256   | 23480848 | 0.100  | 0.882 #  |
| 15)                         | B Endosulfa...  | 6.786  | 6.080  | 281123   | 5671431  | 0.067  | 0.224 #  |
| 16)                         | A 4,4'-DDD      | 6.694  | 0.000  | 769850   | 0        | 0.223  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.021  | 6.175  | 827192   | 16957664 | 0.217  | 0.676 #  |
| 18)                         | B Endrin al...  | 6.942f | 6.271f | 1245336  | 2849962  | 0.434  | 0.166 #  |
| 19)                         | B Endosulfa...  | 7.142  | 6.476  | 294805   | 1304010  | 0.075  | 0.053 #  |
| 20)                         | A Methoxychlor  | 7.485  | 6.732f | 85533    | 29008794 | 0.043  | 2.249 #  |
| 21)                         | B Endrin ke...  | 7.614  | 6.965f | 1944542  | 15356340 | 0.469  | 0.576    |
| 22)                         | Mirex           | 8.085f | 0.000  | 431527   | 0        | 0.137  | N.D. #   |
| 23)                         | Chlordane-1     | 4.687f | 3.900  | 1134327  | 14112276 | 6.605  | 15.876 # |
| 24)                         | Chlordane-2     | 5.221  | 4.457f | 147740   | 2500440  | 0.839  | 2.610 #  |
| 25)                         | Chlordane-3     | 0.000  | 5.096f | 0        | 19814920 | N.D.   | 7.151 #  |
| 26)                         | Chlordane-4     | 6.032  | 5.197  | 329367   | 32381342 | 0.397  | 13.453 # |
| 27)                         | Chlordane-5     | 0.000  | 6.080  | 0        | 5671431  | N.D.   | 5.156 #  |
| -----                       |                 |        |        |          |          |        |          |

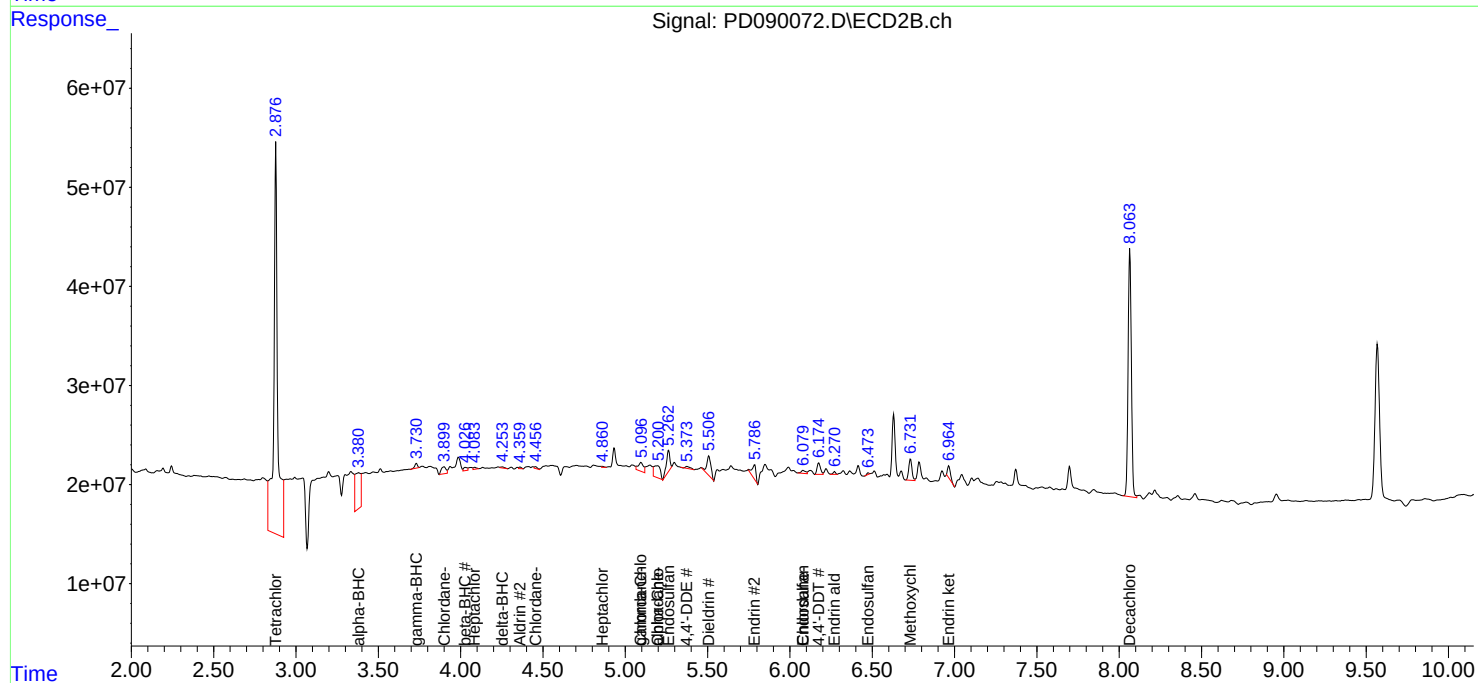
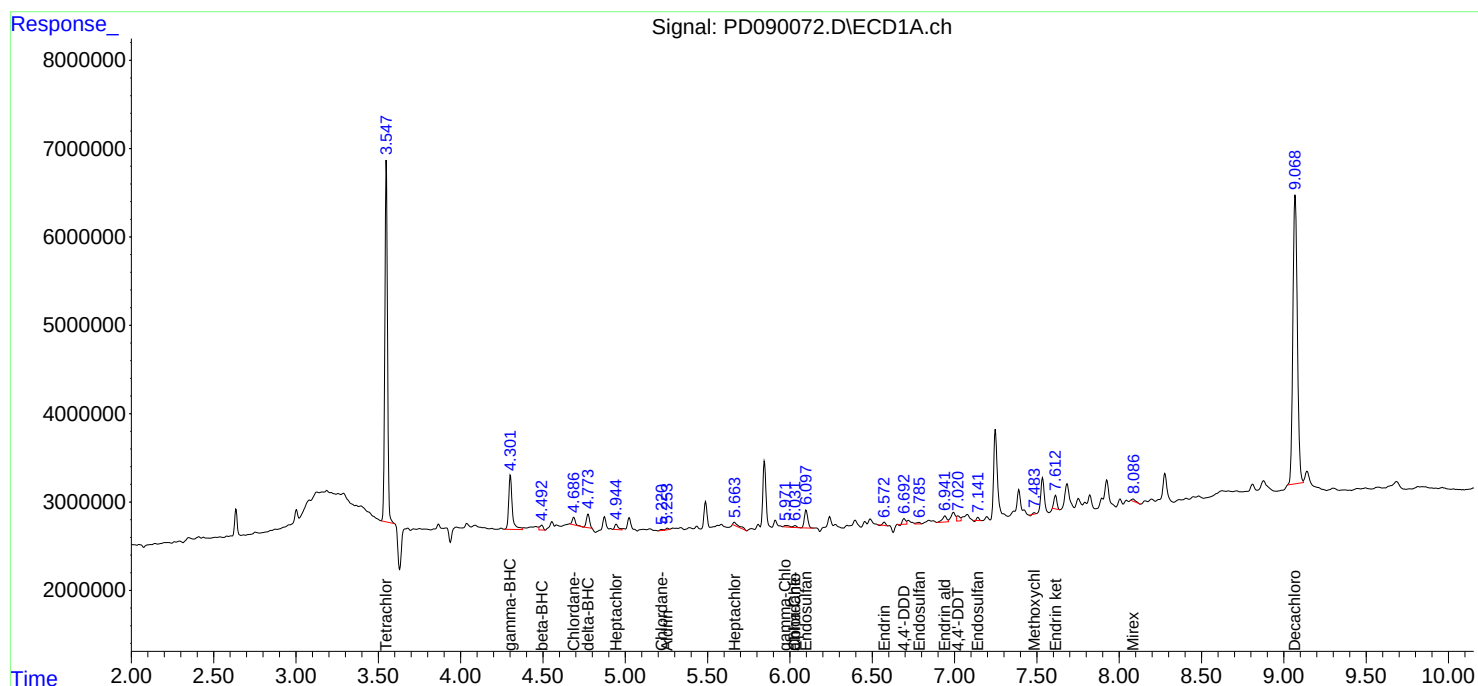
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

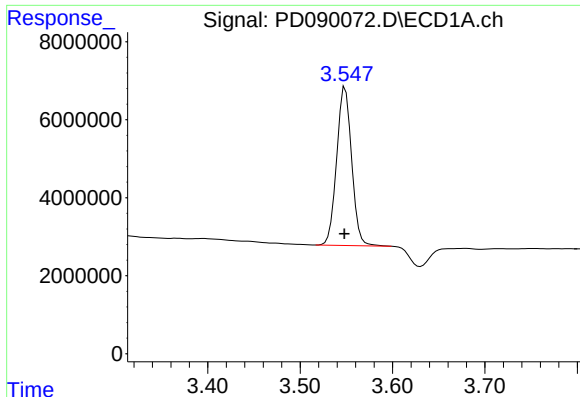
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082825\  
Data File : PD090072.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Aug 2025 17:58  
Operator : AR\AJ  
Sample : Q2971-13  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 28 23:30:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 2025  
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

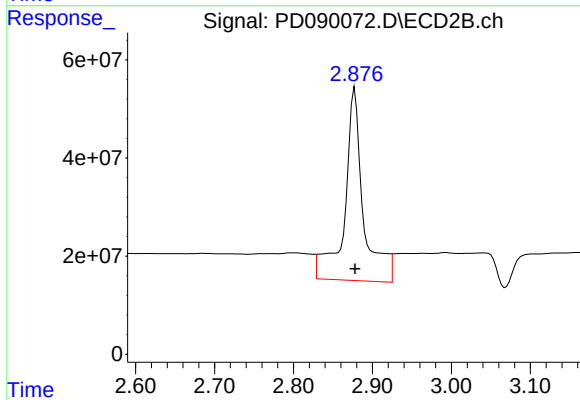




#1 Tetrachloro-m-xylene

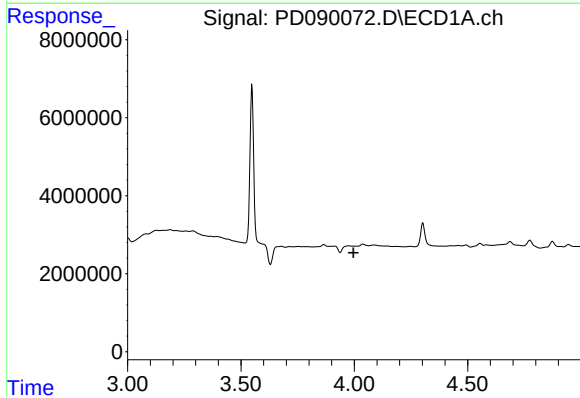
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 45877882  
Conc: 15.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



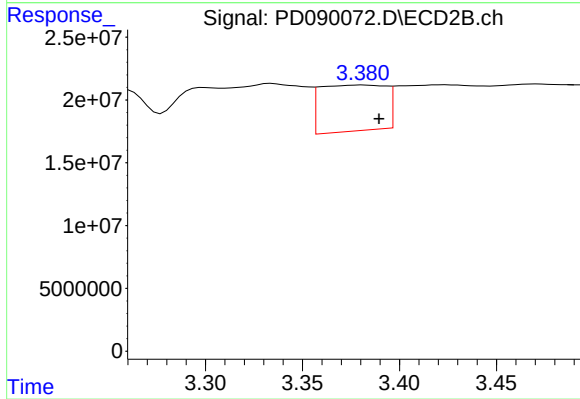
#1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 650572366  
Conc: 29.50 ng/ml



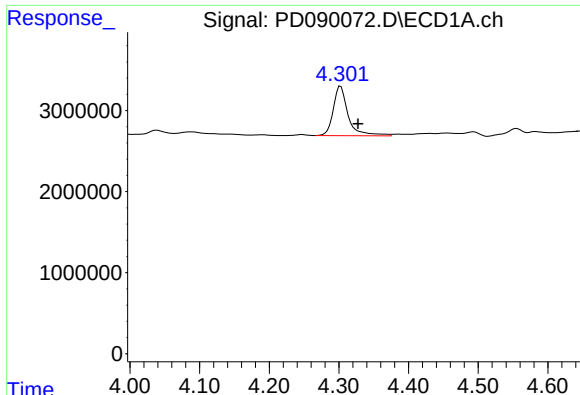
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.997 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

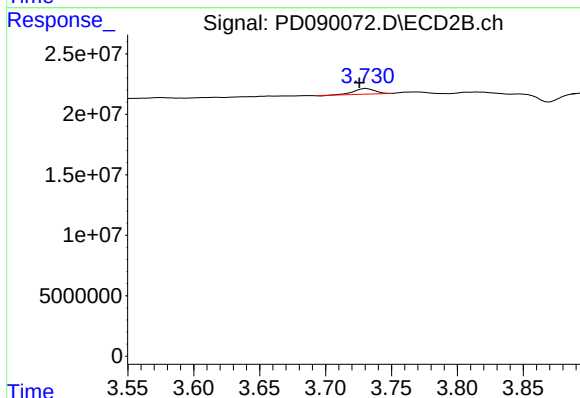
R.T.: 3.381 min  
Delta R.T.: -0.009 min  
Response: 85894858  
Conc: 2.53 ng/ml



#3 gamma-BHC (Lindane)

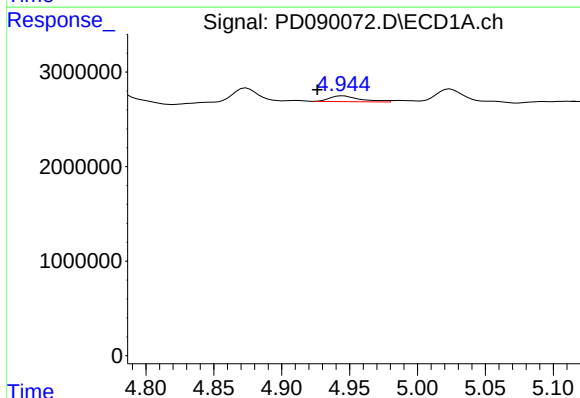
R.T.: 4.302 min  
Delta R.T.: -0.025 min  
Response: 9072293  
Conc: 1.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



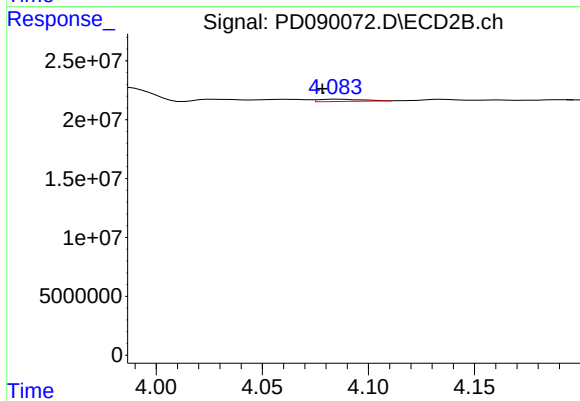
#3 gamma-BHC (Lindane)

R.T.: 3.731 min  
Delta R.T.: 0.006 min  
Response: 5112154  
Conc: 0.16 ng/ml



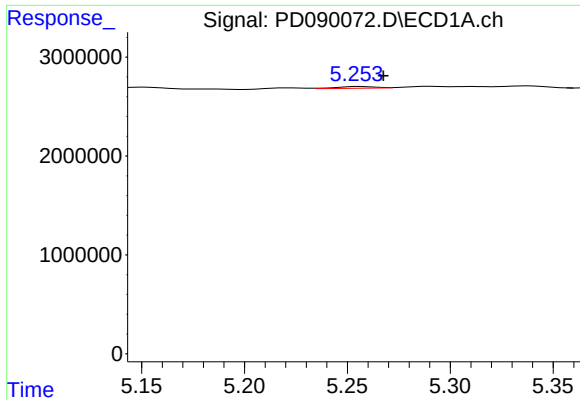
#4 Heptachlor

R.T.: 4.945 min  
Delta R.T.: 0.019 min  
Response: 930694  
Conc: 0.17 ng/ml



#4 Heptachlor

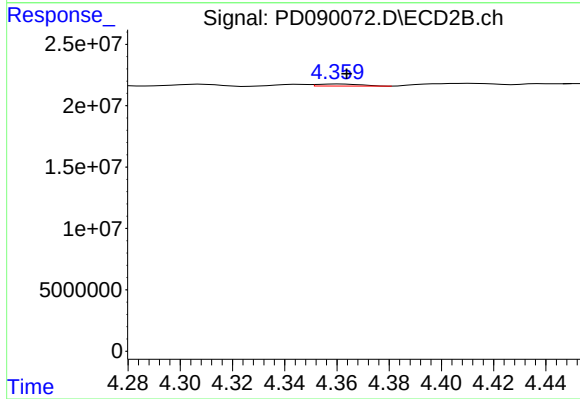
R.T.: 4.086 min  
Delta R.T.: 0.008 min  
Response: 2658526  
Conc: 0.09 ng/ml



#5 Aldrin

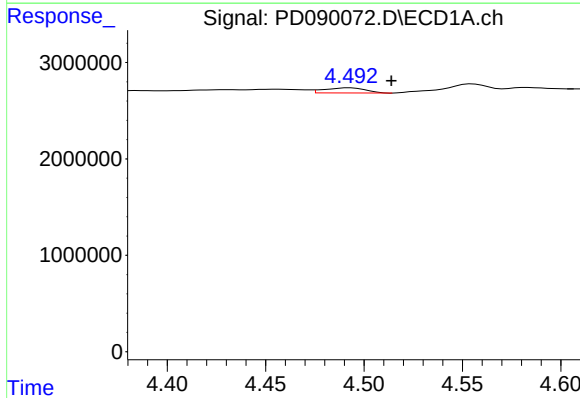
R.T.: 5.256 min  
Delta R.T.: -0.012 min  
Response: 222972  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



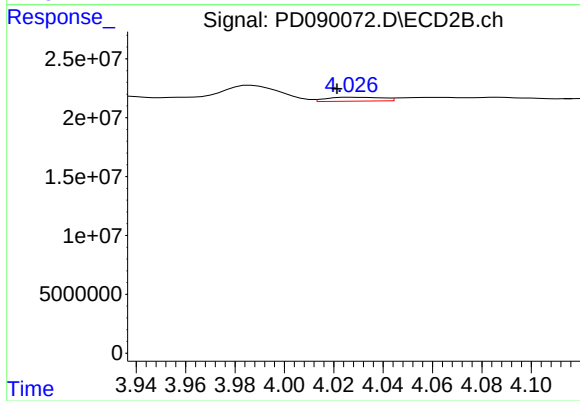
#5 Aldrin

R.T.: 4.361 min  
Delta R.T.: -0.003 min  
Response: 1893910  
Conc: 0.06 ng/ml



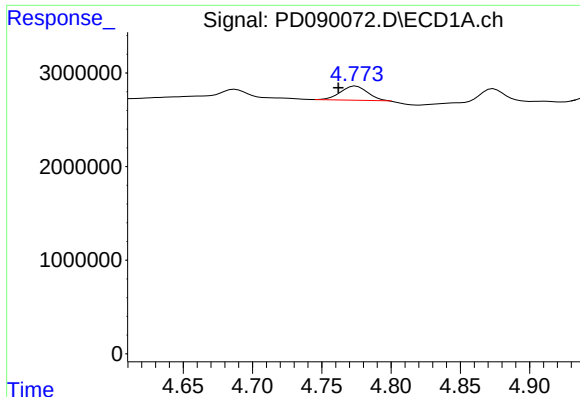
#6 beta-BHC

R.T.: 4.493 min  
Delta R.T.: -0.021 min  
Response: 788070  
Conc: 0.35 ng/ml



#6 beta-BHC

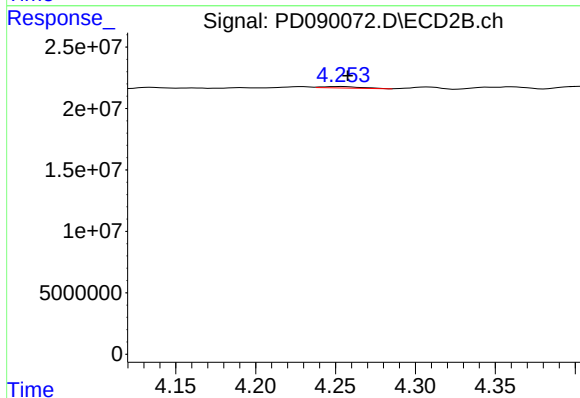
R.T.: 4.027 min  
Delta R.T.: 0.006 min  
Response: 5201747  
Conc: 0.39 ng/ml



#7 delta-BHC

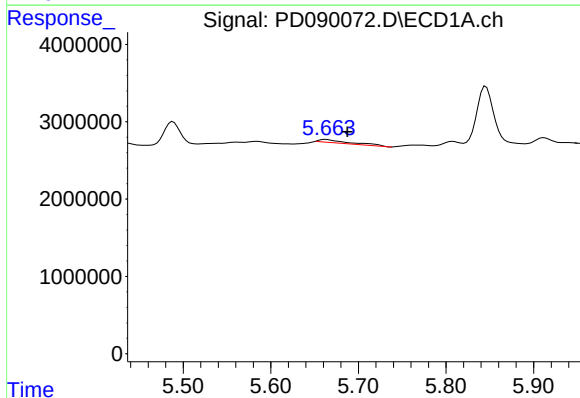
R.T.: 4.775 min  
Delta R.T.: 0.013 min  
Response: 2028445  
Conc: 0.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



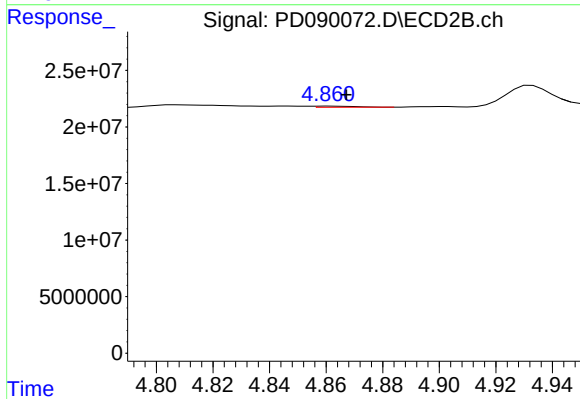
#7 delta-BHC

R.T.: 4.254 min  
Delta R.T.: -0.003 min  
Response: 1910125  
Conc: 0.06 ng/ml



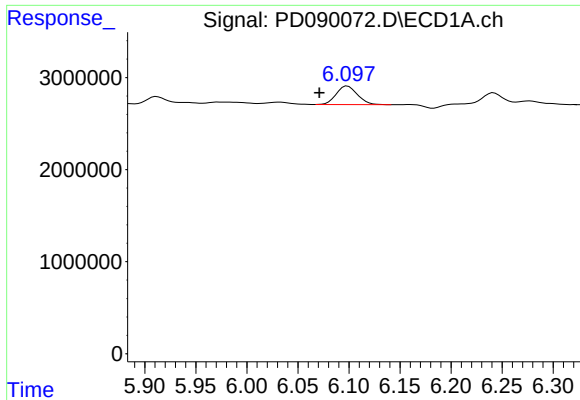
#8 Heptachlor epoxide

R.T.: 5.663 min  
Delta R.T.: -0.024 min  
Response: 990112  
Conc: 0.20 ng/ml



#8 Heptachlor epoxide

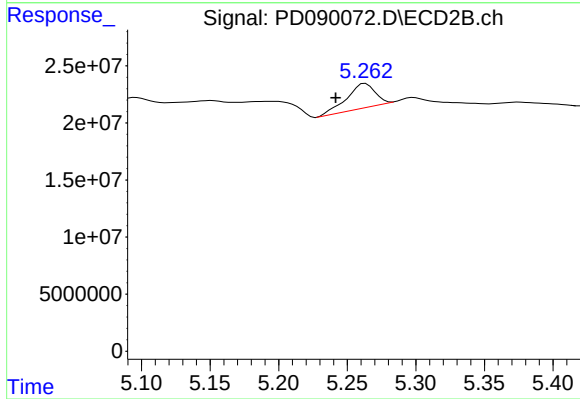
R.T.: 4.860 min  
Delta R.T.: -0.007 min  
Response: 938965  
Conc: 0.03 ng/ml



#9 Endosulfan I

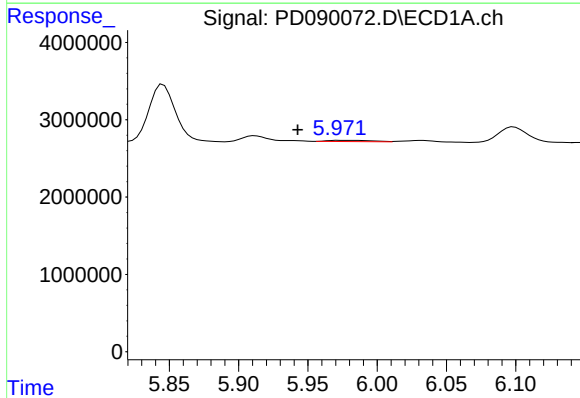
R.T.: 6.099 min  
Delta R.T.: 0.027 min  
Response: 2904377  
Conc: 0.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



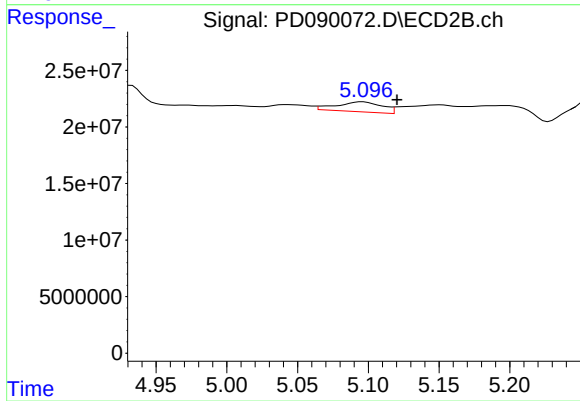
#9 Endosulfan I

R.T.: 5.263 min  
Delta R.T.: 0.022 min  
Response: 30649217  
Conc: 1.17 ng/ml



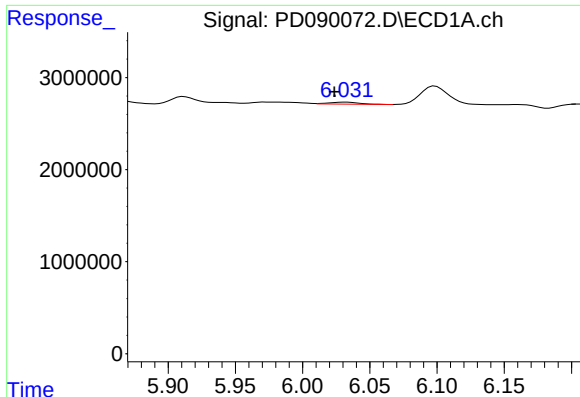
#10 gamma-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.030 min  
Response: 361660  
Conc: 0.07 ng/ml



#10 gamma-Chlordane

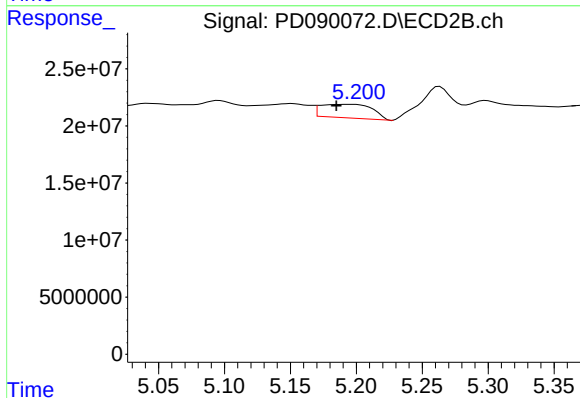
R.T.: 5.096 min  
Delta R.T.: -0.024 min  
Response: 19814920  
Conc: 0.67 ng/ml



#11 alpha-Chlordane

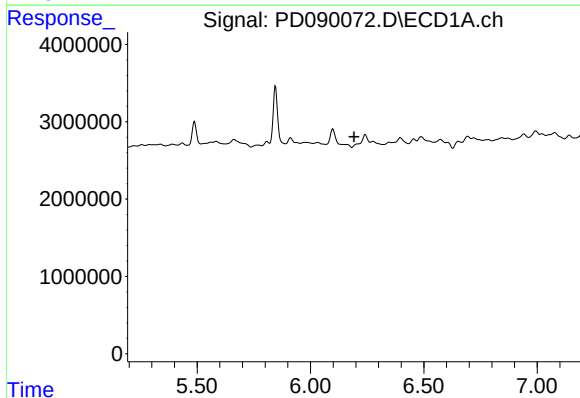
R.T.: 6.032 min  
Delta R.T.: 0.009 min  
Response: 329367  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



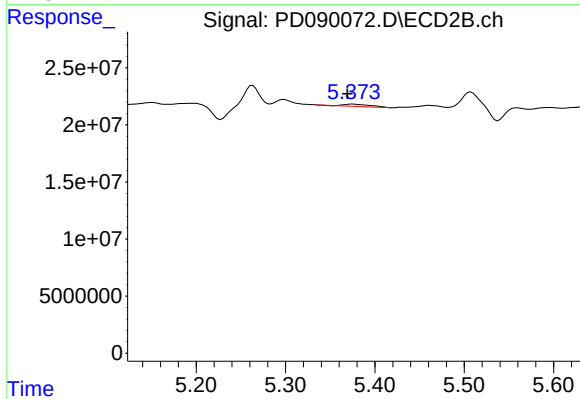
#11 alpha-Chlordane

R.T.: 5.197 min  
Delta R.T.: 0.012 min  
Response: 32381342  
Conc: 1.13 ng/ml



#12 4,4'-DDE

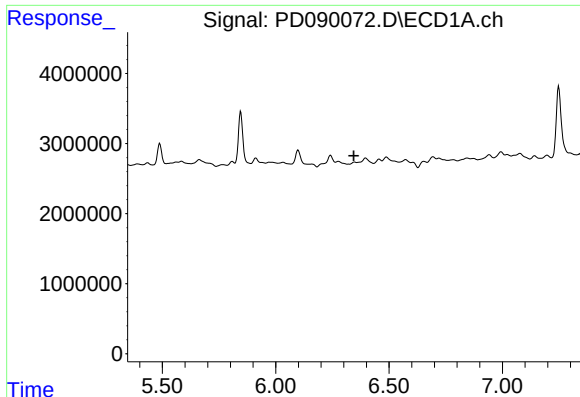
R.T.: 0.000 min  
Exp R.T. : 6.192 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.375 min  
Delta R.T.: 0.006 min  
Response: 4068115  
Conc: 0.14 ng/ml

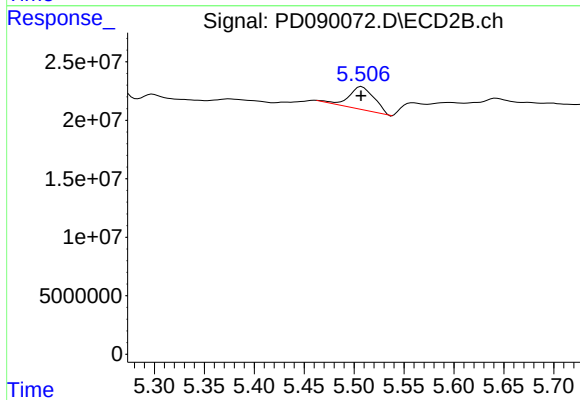




#13 Dieldrin

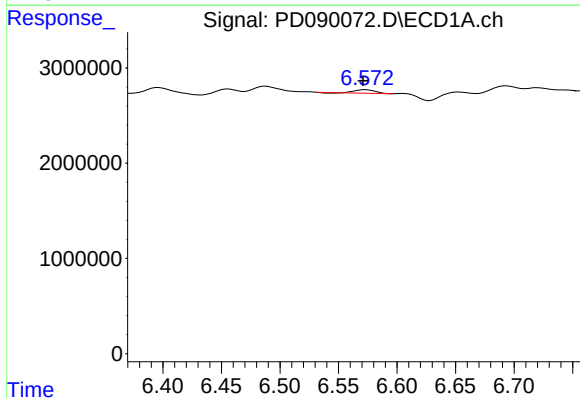
R.T.: 6.347 min  
Delta R.T.: 0.003 min  
Response: -82837  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



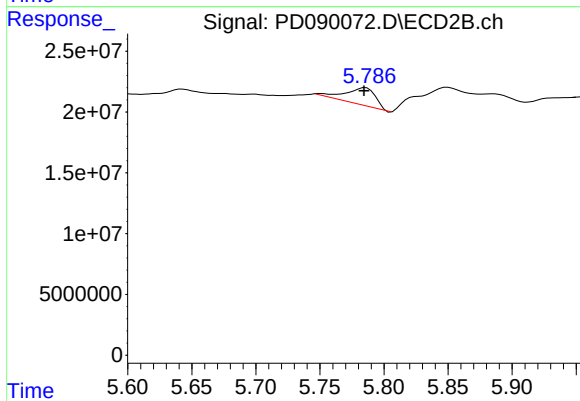
#13 Dieldrin

R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 34979786  
Conc: 1.19 ng/ml



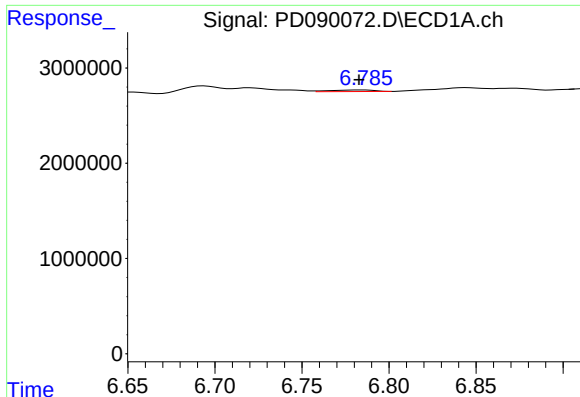
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: 0.002 min  
Response: 414256  
Conc: 0.10 ng/ml



#14 Endrin

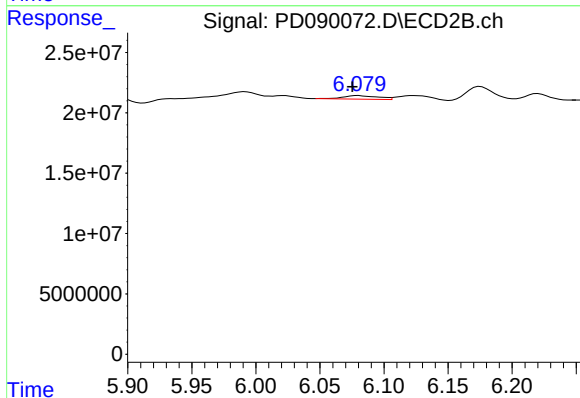
R.T.: 5.786 min  
Delta R.T.: 0.001 min  
Response: 23480848  
Conc: 0.88 ng/ml



#15 Endosulfan II

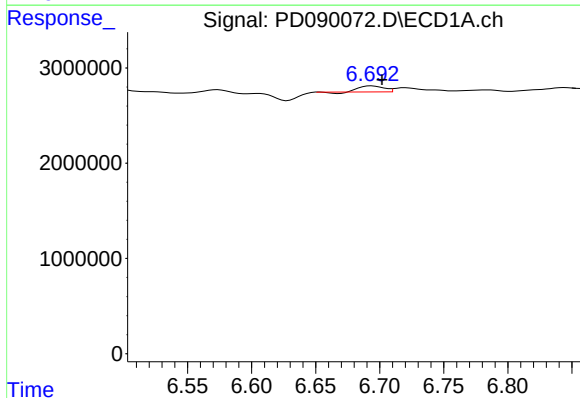
R.T.: 6.786 min  
Delta R.T.: 0.003 min  
Response: 281123  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



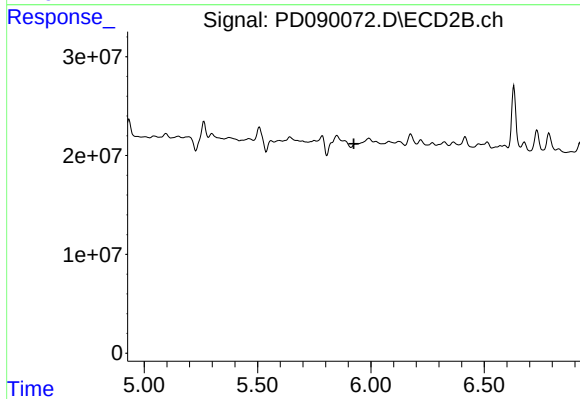
#15 Endosulfan II

R.T.: 6.080 min  
Delta R.T.: 0.005 min  
Response: 5671431  
Conc: 0.22 ng/ml



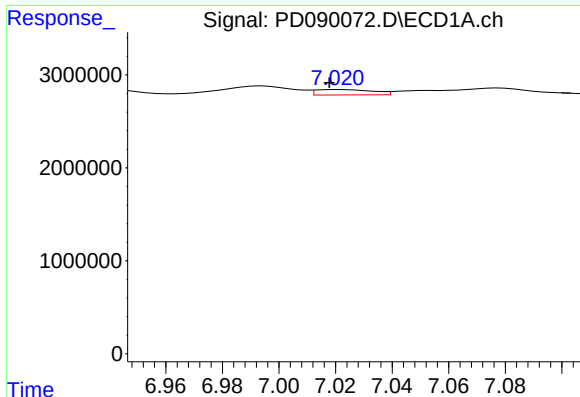
#16 4,4'-DDD

R.T.: 6.694 min  
Delta R.T.: -0.008 min  
Response: 769850  
Conc: 0.22 ng/ml



#16 4,4'-DDD

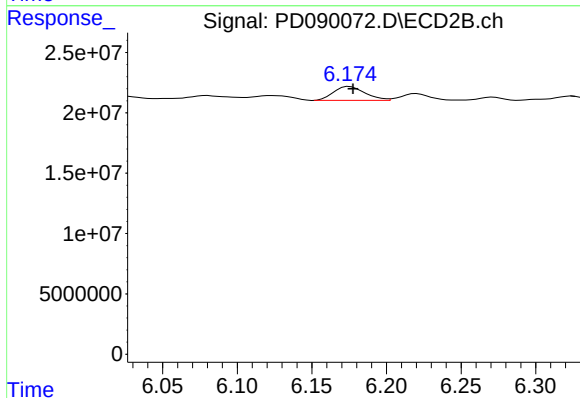
R.T.: 0.000 min  
Exp R.T.: 5.924 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

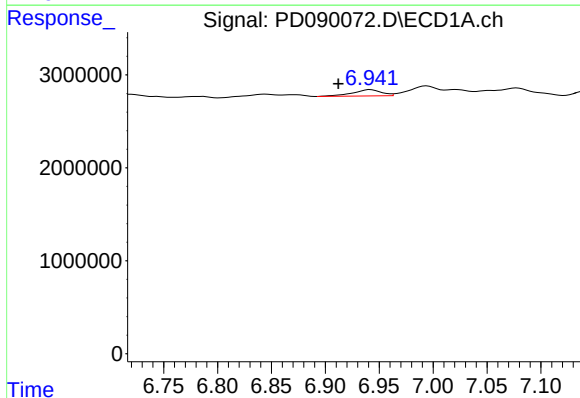
R.T.: 7.021 min  
Delta R.T.: 0.003 min  
Response: 827192  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



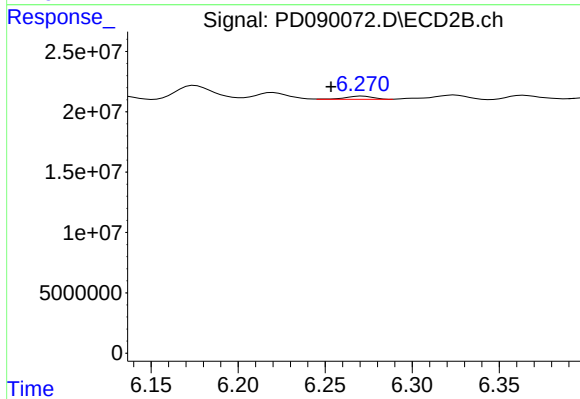
#17 4,4'-DDT

R.T.: 6.175 min  
Delta R.T.: -0.002 min  
Response: 16957664  
Conc: 0.68 ng/ml



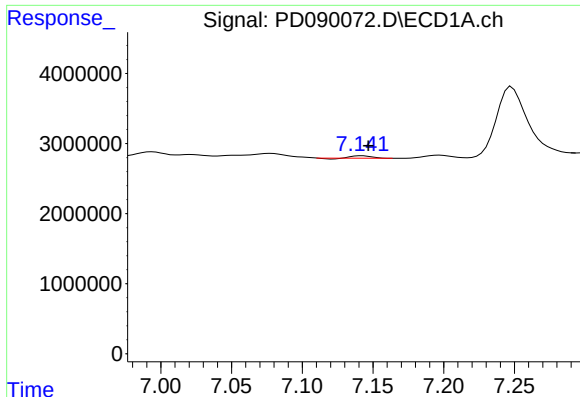
#18 Endrin aldehyde

R.T.: 6.942 min  
Delta R.T.: 0.030 min  
Response: 1245336  
Conc: 0.43 ng/ml



#18 Endrin aldehyde

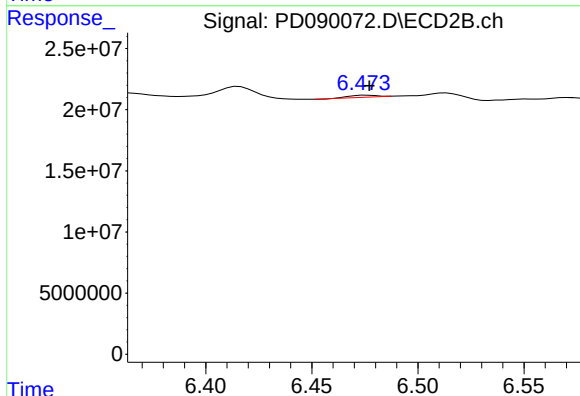
R.T.: 6.271 min  
Delta R.T.: 0.018 min  
Response: 2849962  
Conc: 0.17 ng/ml



#19 Endosulfan Sulfate

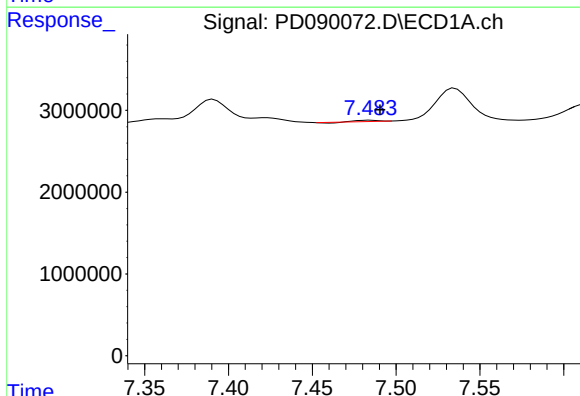
R.T.: 7.142 min  
Delta R.T.: -0.005 min  
Response: 294805  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



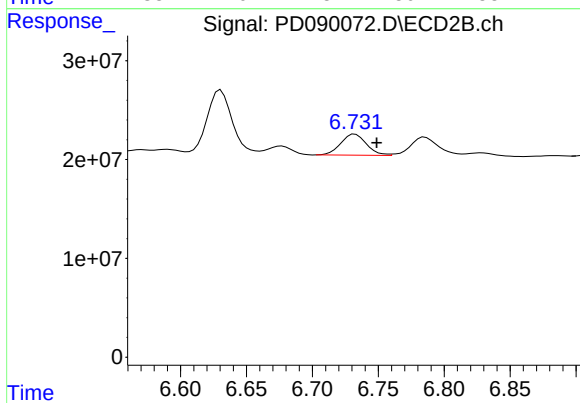
#19 Endosulfan Sulfate

R.T.: 6.476 min  
Delta R.T.: -0.001 min  
Response: 1304010  
Conc: 0.05 ng/ml



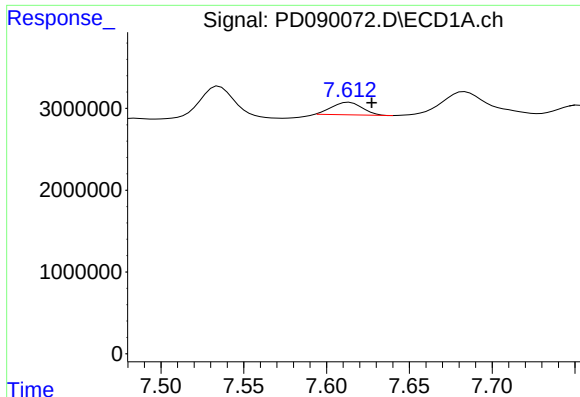
#20 Methoxychlor

R.T.: 7.485 min  
Delta R.T.: -0.006 min  
Response: 85533  
Conc: 0.04 ng/ml



#20 Methoxychlor

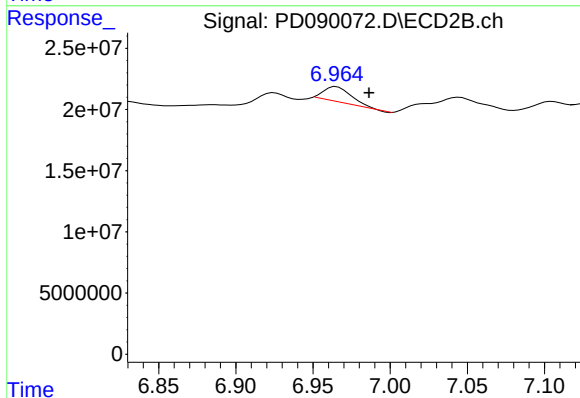
R.T.: 6.732 min  
Delta R.T.: -0.017 min  
Response: 29008794  
Conc: 2.25 ng/ml



#21 Endrin ketone

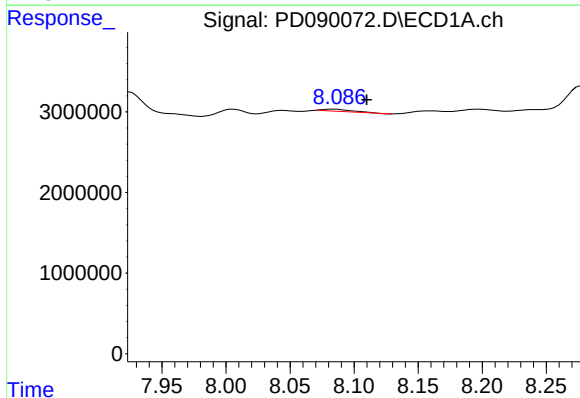
R.T.: 7.614 min  
Delta R.T.: -0.014 min  
Response: 1944542  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



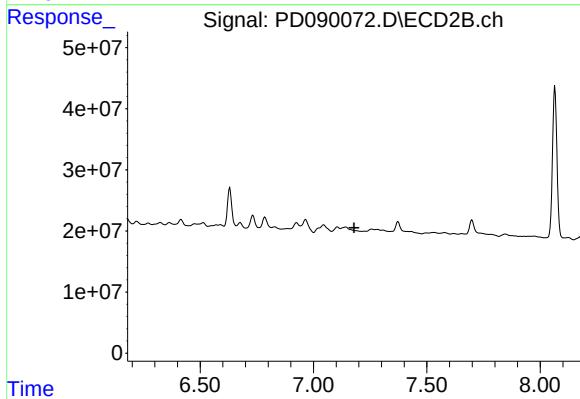
#21 Endrin ketone

R.T.: 6.965 min  
Delta R.T.: -0.021 min  
Response: 15356340  
Conc: 0.58 ng/ml



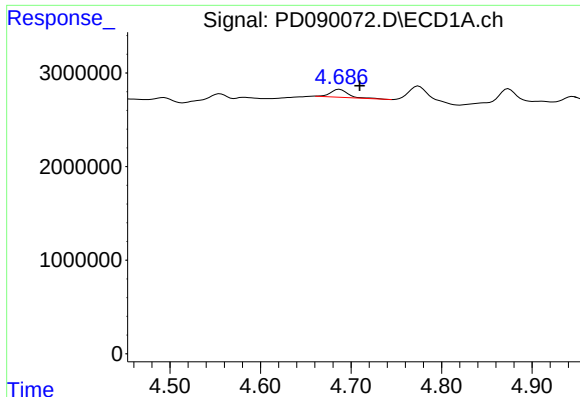
#22 Mirex

R.T.: 8.085 min  
Delta R.T.: -0.025 min  
Response: 431527  
Conc: 0.14 ng/ml



#22 Mirex

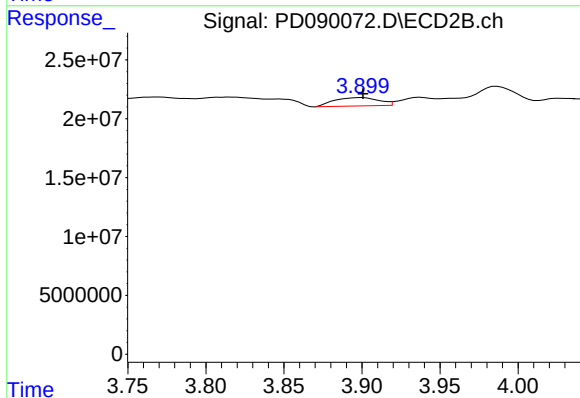
R.T.: 0.000 min  
Exp R.T.: 7.179 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

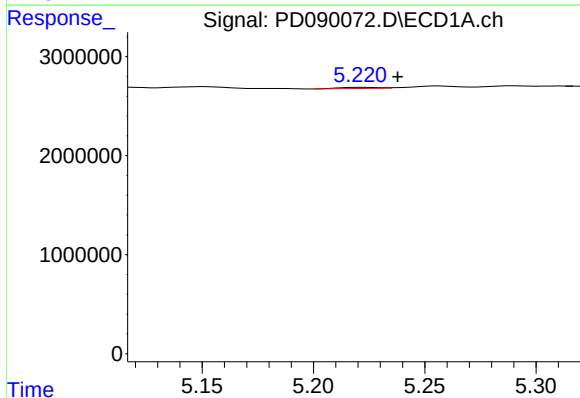
R.T.: 4.687 min  
Delta R.T.: -0.022 min  
Response: 1134327  
Conc: 6.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



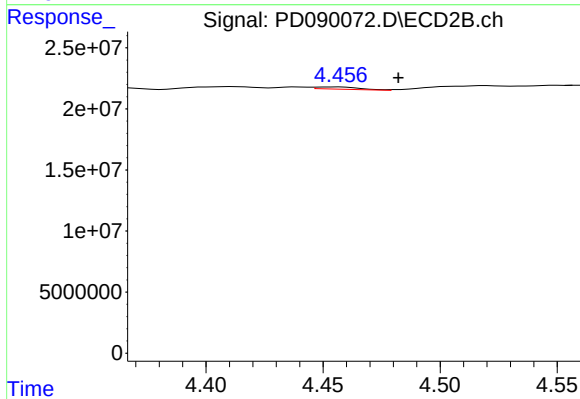
#23 Chlordane-1

R.T.: 3.900 min  
Delta R.T.: 0.000 min  
Response: 14112276  
Conc: 15.88 ng/ml



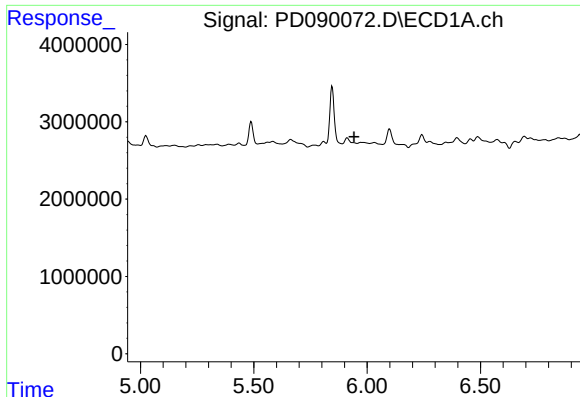
#24 Chlordane-2

R.T.: 5.221 min  
Delta R.T.: -0.016 min  
Response: 147740  
Conc: 0.84 ng/ml



#24 Chlordane-2

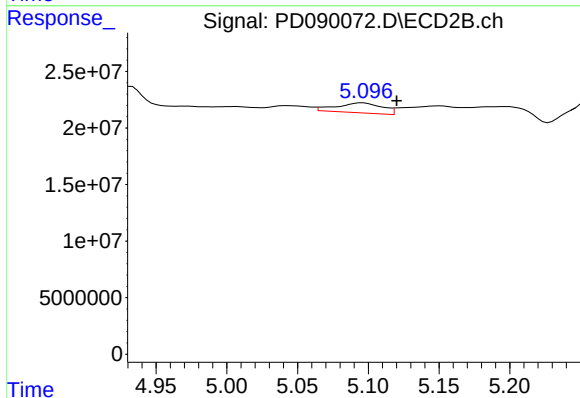
R.T.: 4.457 min  
Delta R.T.: -0.025 min  
Response: 2500440  
Conc: 2.61 ng/ml



#25 Chlordane-3

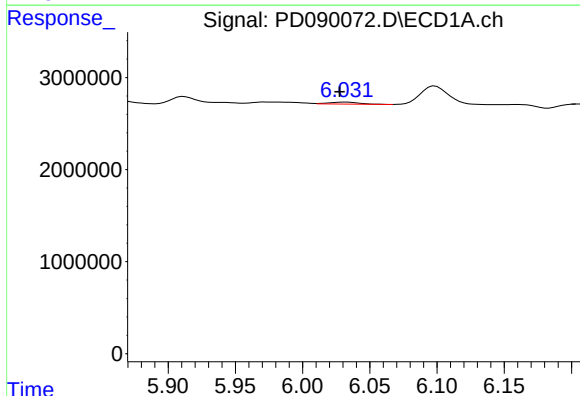
R.T.: 0.000 min  
Exp R.T.: 5.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



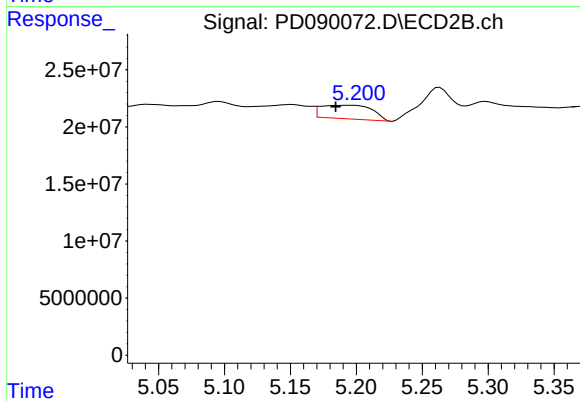
#25 Chlordane-3

R.T.: 5.096 min  
Delta R.T.: -0.024 min  
Response: 19814920  
Conc: 7.15 ng/ml



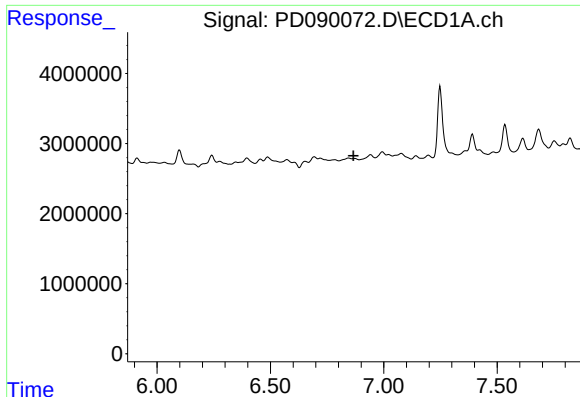
#26 Chlordane-4

R.T.: 6.032 min  
Delta R.T.: 0.004 min  
Response: 329367  
Conc: 0.40 ng/ml



#26 Chlordane-4

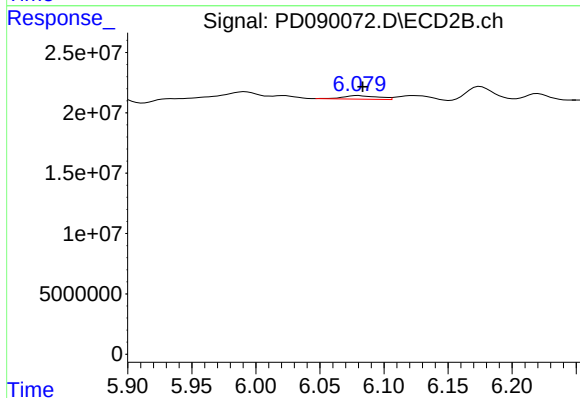
R.T.: 5.197 min  
Delta R.T.: 0.013 min  
Response: 32381342  
Conc: 13.45 ng/ml



#27 Chlordane-5

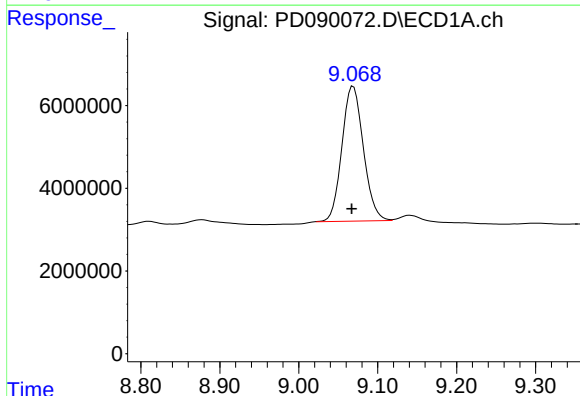
R.T.: 0.000 min  
Exp R.T.: 6.867 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP5



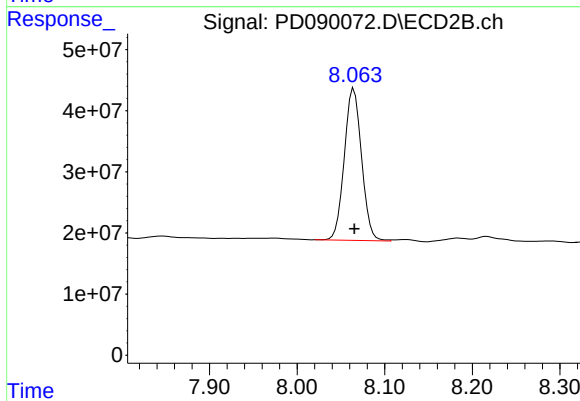
#27 Chlordane-5

R.T.: 6.080 min  
Delta R.T.: -0.003 min  
Response: 5671431  
Conc: 5.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: 0.002 min  
Response: 61599690  
Conc: 14.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.000 min  
Response: 341237892  
Conc: 13.18 ng/ml