

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042825\  
 Data File : PD088289.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Apr 2025 09:23  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 29 02:17:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 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... | 3.550  | 2.882  | 42695085 | 303.6E6  | 21.375  | 20.762  |
| 28)                         | SA Decachlor... | 9.072  | 8.074  | 69088698 | 354.1E6  | 20.885  | 19.161  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999  | 3.394  | 41813137 | 245.6E6  | 9.697   | 10.745  |
| 3)                          | MA gamma-BHC... | 4.330  | 3.731  | 42765498 | 230.4E6  | 10.213  | 10.696  |
| 4)                          | MA Heptachlor   | 4.930  | 4.084  | 330967   | 1329737  | 0.082   | 0.062   |
| 5)                          | MB Aldrin       | 5.247f | 4.365  | 420216   | 1905829  | 0.106   | 0.092   |
| 6)                          | B beta-BHC      | 4.515  | 4.027  | 17951329 | 102.6E6  | 11.058  | 11.091  |
| 7)                          | B delta-BHC     | 4.777  | 4.261  | 2680141  | 656409   | 0.650   | 0.031 # |
| 8)                          | B Heptachlo...  | 5.686  | 4.889  | 2143116  | 1809111  | 0.600   | 0.096 # |
| 9)                          | A Endosulfan I  | 6.099f | 5.239  | 404784   | 1077257  | 0.120   | 0.060 # |
| 10)                         | B gamma-Chl...  | 5.946  | 5.148f | 1555152  | 10592308 | 0.429   | 0.522   |
| 11)                         | B alpha-Chl...  | 6.023  | 5.191  | 3048647  | 4070512  | 0.845   | 0.208 # |
| 12)                         | B 4,4'-DDE      | 6.213f | 5.382  | 1349842  | 5083097  | 0.409   | 0.258 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.518  | 0        | 307322   | N.D.    | 0.015 # |
| 14)                         | MA Endrin       | 6.574  | 5.791  | 163.4E6  | 882.3E6  | 54.778  | 48.473  |
| 15)                         | B Endosulfa...  | 6.770f | 6.089  | 1036286  | 3271258  | 0.331   | 0.187 # |
| 16)                         | A 4,4'-DDD      | 6.704  | 5.937  | 518422   | 3795568  | 0.206   | 0.232   |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.185  | 304.9E6  | 1625.1E6 | 109.757 | 95.502  |
| 18)                         | B Endrin al...  | 6.920  | 6.259  | 928418   | 7453356  | 0.402   | 0.560 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.498  | 0        | 1970085  | N.D.    | 0.115 # |
| 20)                         | A Methoxychlor  | 7.492  | 6.757  | 377.9E6  | 1742.1E6 | 252.034 | 190.997 |
| 21)                         | B Endrin ke...  | 7.630  | 6.993  | 874483   | 8292886  | 0.283   | 0.443 # |
| 22)                         | Mirex           | 0.000  | 7.179  | 0        | 3273889  | N.D.    | 0.221 # |
| 23)                         | Chlordane-1     | 0.000  | 3.903  | 0        | 678876   | N.D.    | 0.847 # |
| 24)                         | Chlordane-2     | 5.247  | 4.488  | 420216   | 816145   | 2.523   | 0.989 # |
| 25)                         | Chlordane-3     | 5.946  | 5.148  | 1555152  | 10592308 | 2.306   | 4.188 # |
| 26)                         | Chlordane-4     | 6.023  | 5.191  | 3048647  | 4070512  | 3.739   | 1.904 # |
| 27)                         | Chlordane-5     | 6.866  | 6.089  | 176056   | 3271258  | 1.296   | 3.388 # |
| -----                       |                 |        |        |          |          |         |         |

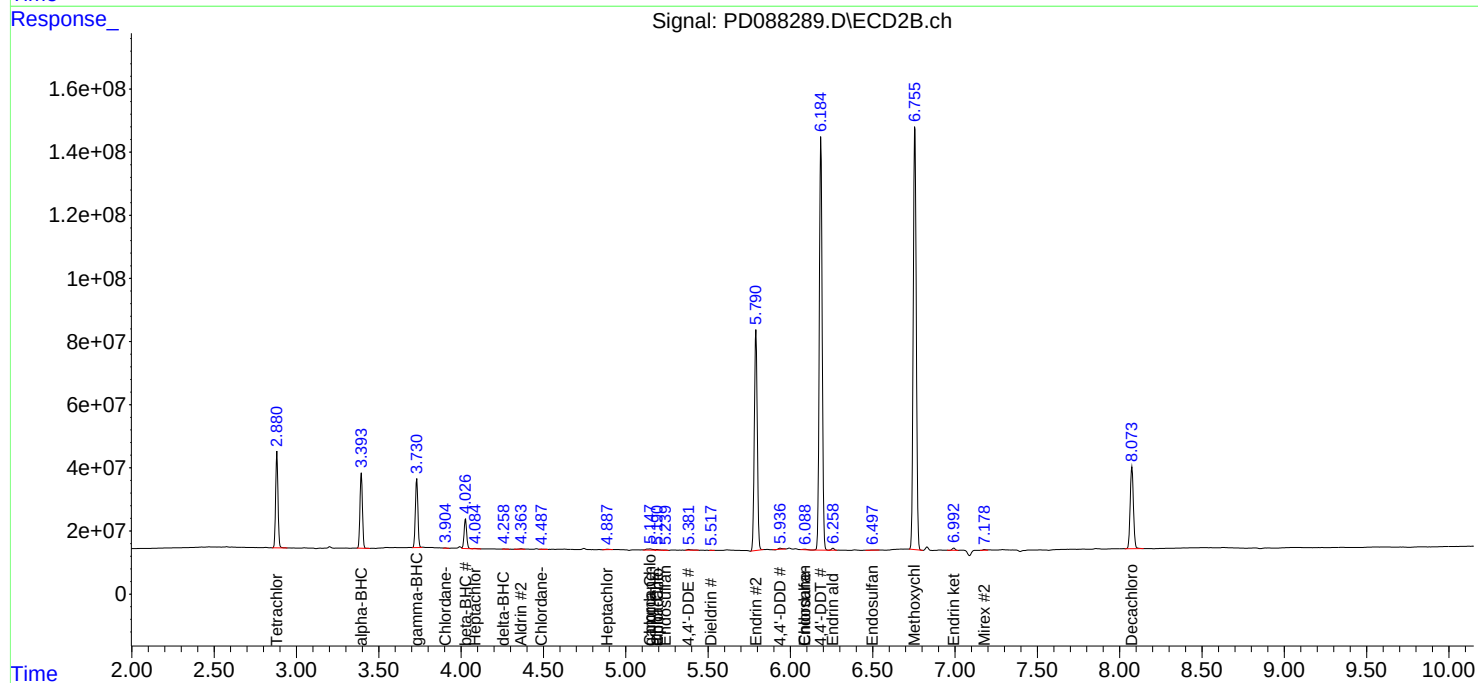
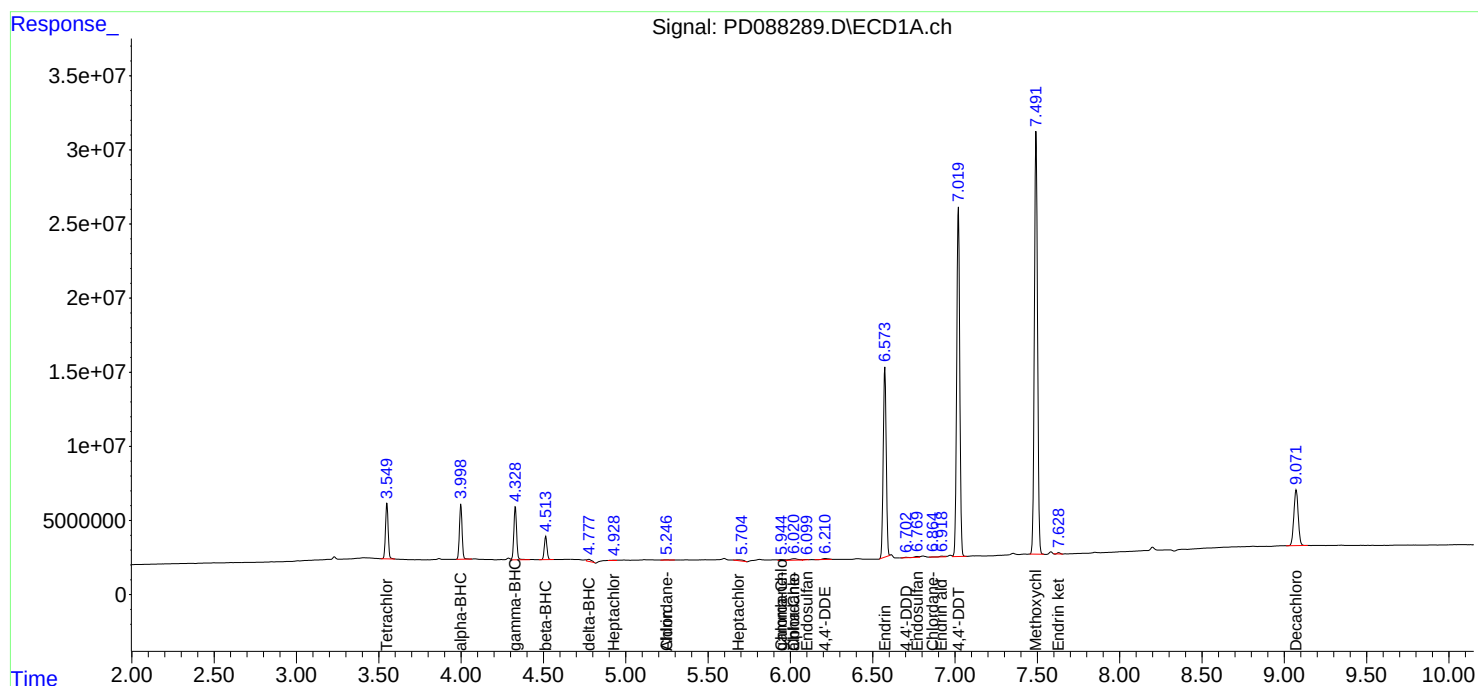
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

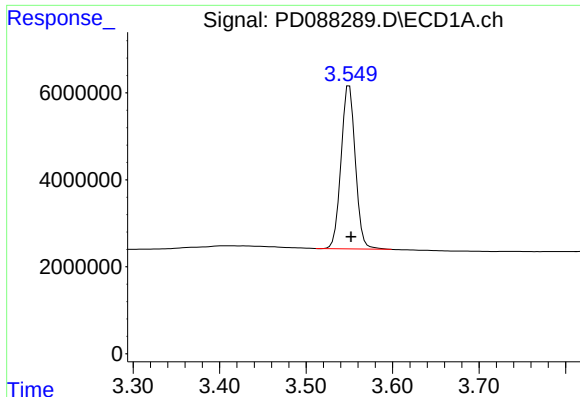
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042825\  
Data File : PD088289.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Apr 2025 09:23  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 29 02:17:25 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 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

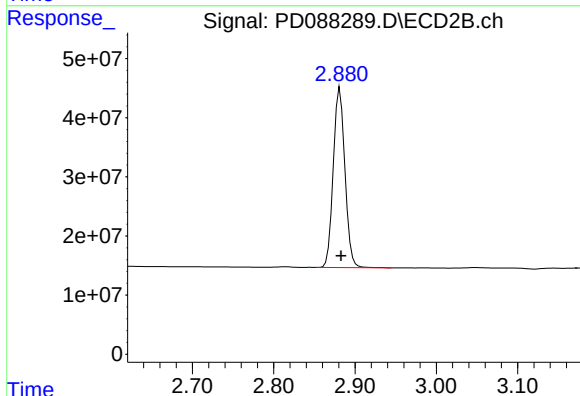




#1 Tetrachloro-m-xylene

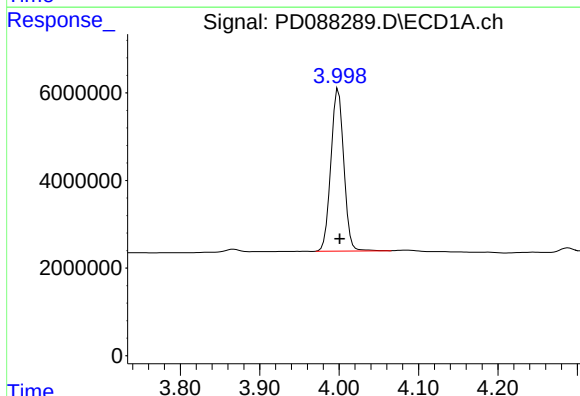
R.T.: 3.550 min  
Delta R.T.: -0.002 min  
Response: 42695085  
Conc: 21.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



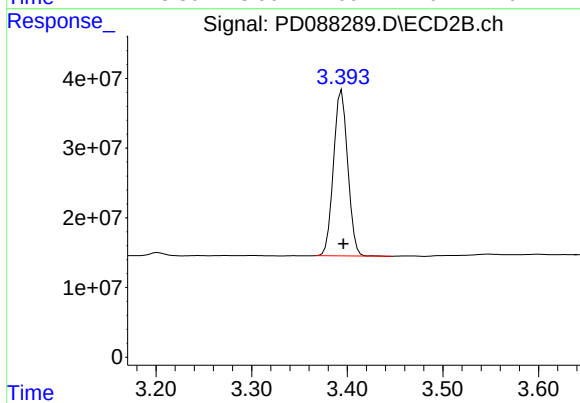
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: -0.001 min  
Response: 303572925  
Conc: 20.76 ng/ml



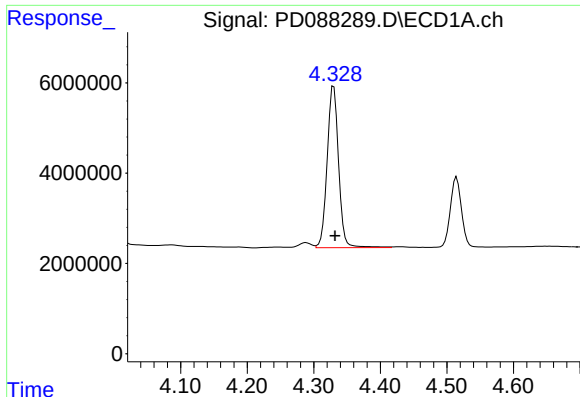
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: -0.002 min  
Response: 41813137  
Conc: 9.70 ng/ml



#2 alpha-BHC

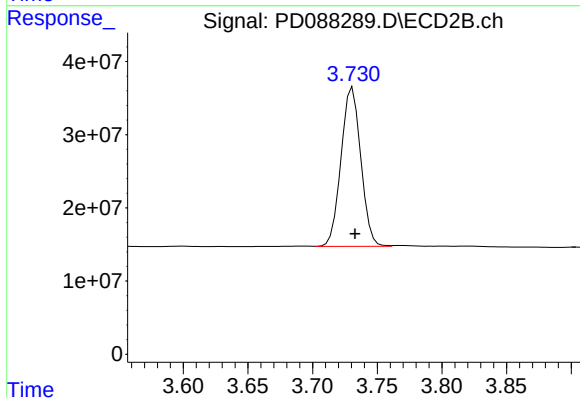
R.T.: 3.394 min  
Delta R.T.: -0.002 min  
Response: 245638429  
Conc: 10.74 ng/ml



#3 gamma-BHC (Lindane)

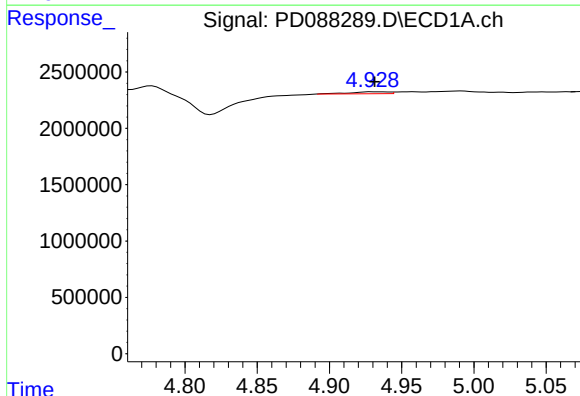
R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 42765498  
Conc: 10.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



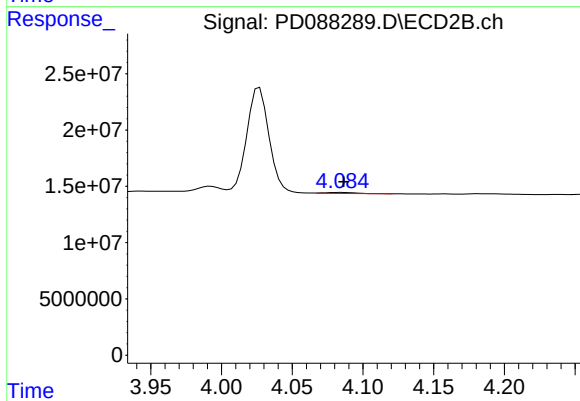
#3 gamma-BHC (Lindane)

R.T.: 3.731 min  
Delta R.T.: -0.002 min  
Response: 230374422  
Conc: 10.70 ng/ml



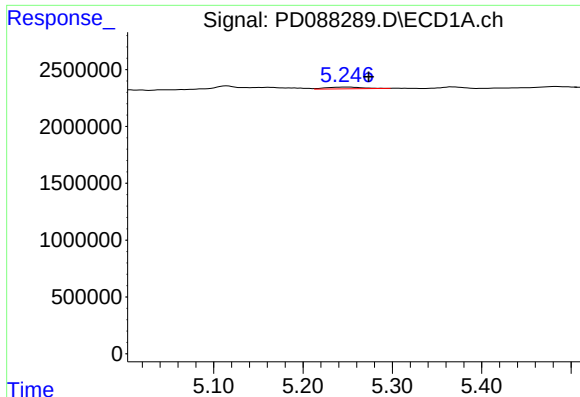
#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: -0.002 min  
Response: 330967  
Conc: 0.08 ng/ml



#4 Heptachlor

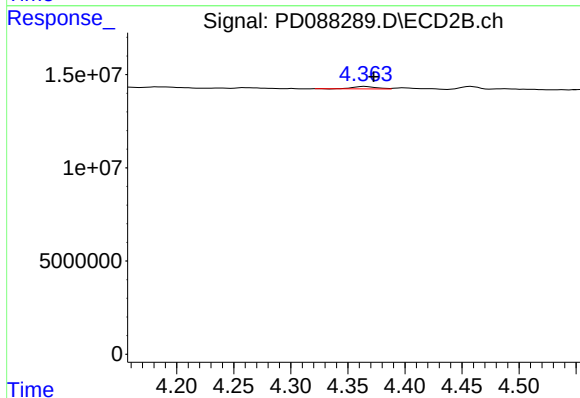
R.T.: 4.084 min  
Delta R.T.: -0.002 min  
Response: 1329737  
Conc: 0.06 ng/ml



#5 Aldrin

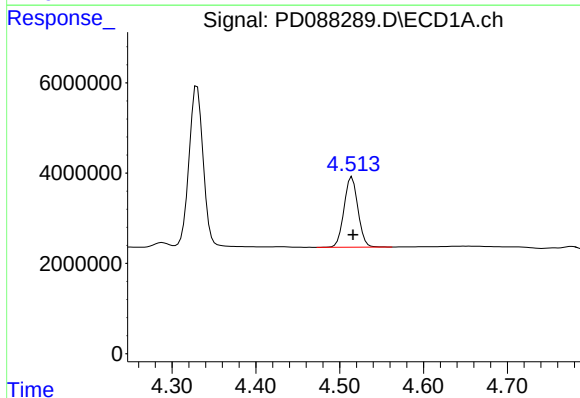
R.T.: 5.247 min  
Delta R.T.: -0.026 min  
Response: 420216  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



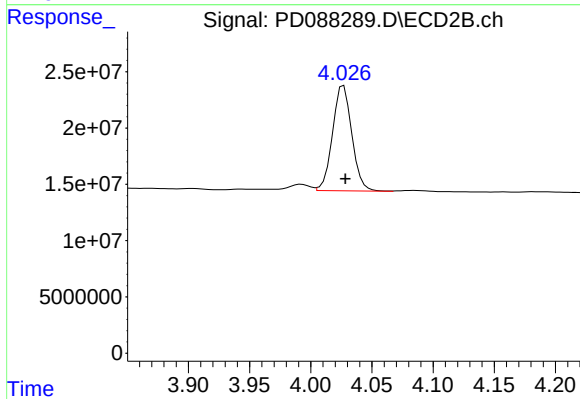
#5 Aldrin

R.T.: 4.365 min  
Delta R.T.: -0.008 min  
Response: 1905829  
Conc: 0.09 ng/ml



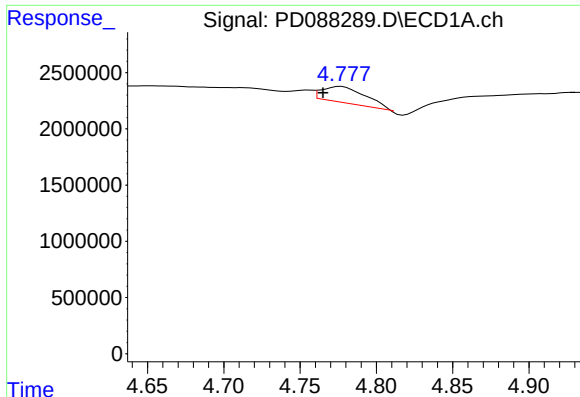
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: -0.002 min  
Response: 17951329  
Conc: 11.06 ng/ml



#6 beta-BHC

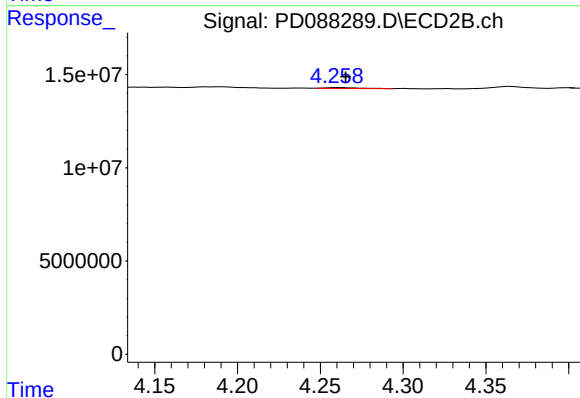
R.T.: 4.027 min  
Delta R.T.: -0.002 min  
Response: 102637216  
Conc: 11.09 ng/ml



#7 delta-BHC

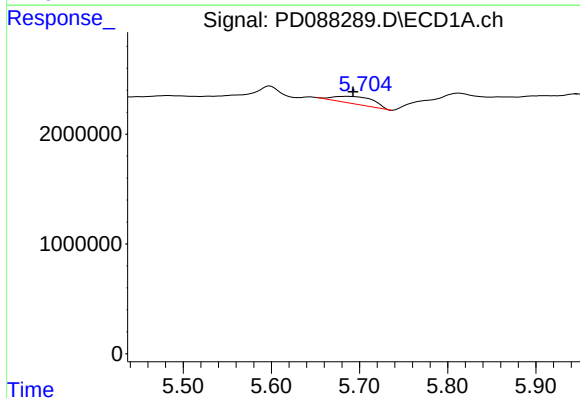
R.T.: 4.777 min  
Delta R.T.: 0.012 min  
Response: 2680141  
Conc: 0.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



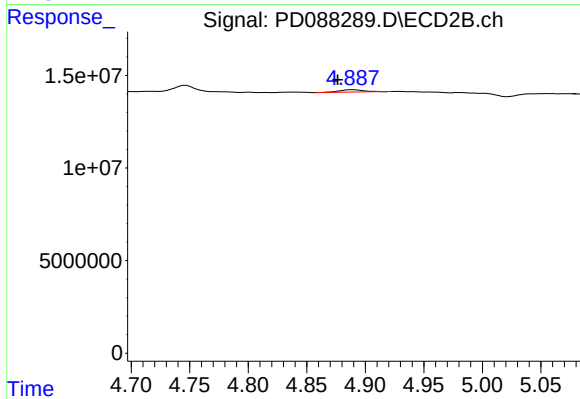
#7 delta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.005 min  
Response: 656409  
Conc: 0.03 ng/ml



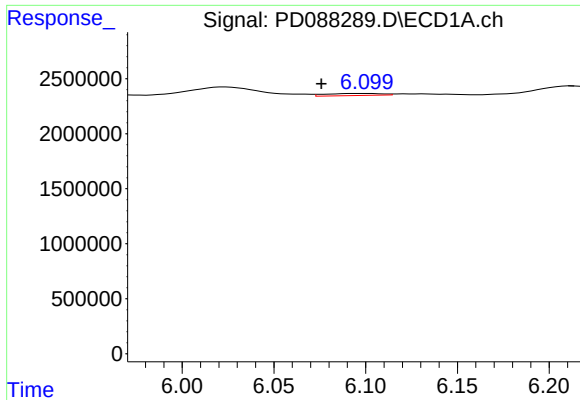
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.007 min  
Response: 2143116  
Conc: 0.60 ng/ml



#8 Heptachlor epoxide

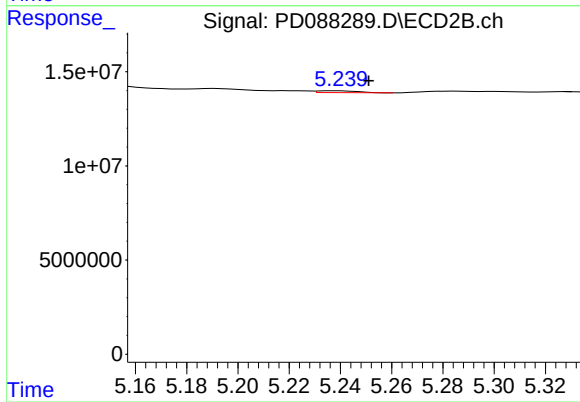
R.T.: 4.889 min  
Delta R.T.: 0.013 min  
Response: 1809111  
Conc: 0.10 ng/ml



#9 Endosulfan I

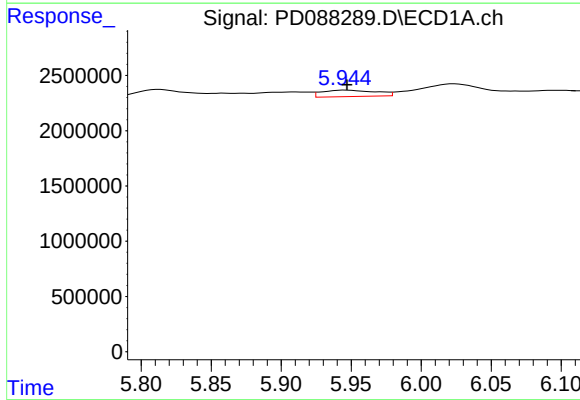
R.T.: 6.099 min  
Delta R.T.: 0.024 min  
Response: 404784  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



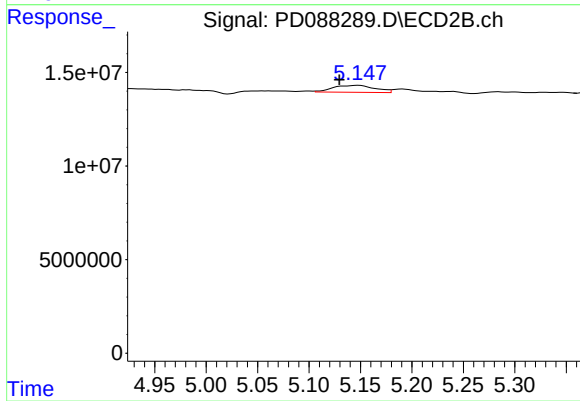
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: -0.012 min  
Response: 1077257  
Conc: 0.06 ng/ml



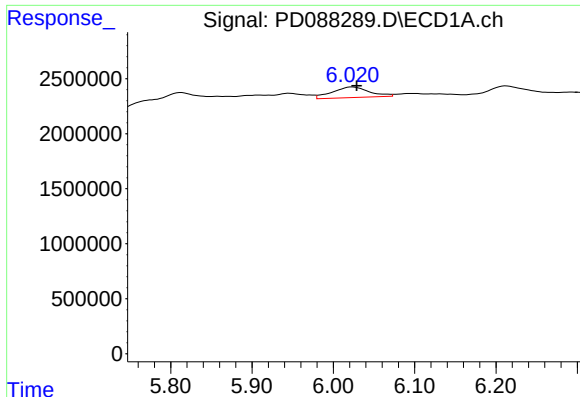
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 1555152  
Conc: 0.43 ng/ml



#10 gamma-Chlordane

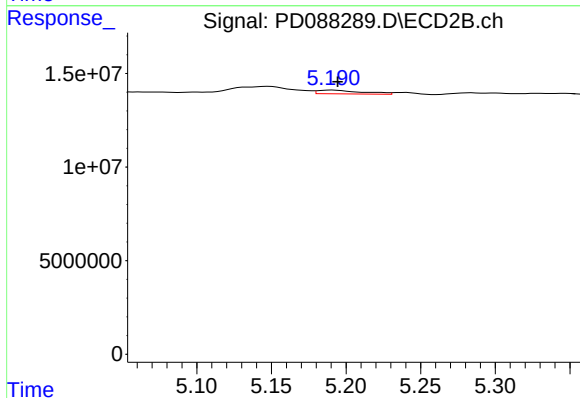
R.T.: 5.148 min  
Delta R.T.: 0.019 min  
Response: 10592308  
Conc: 0.52 ng/ml



#11 alpha-Chlordane

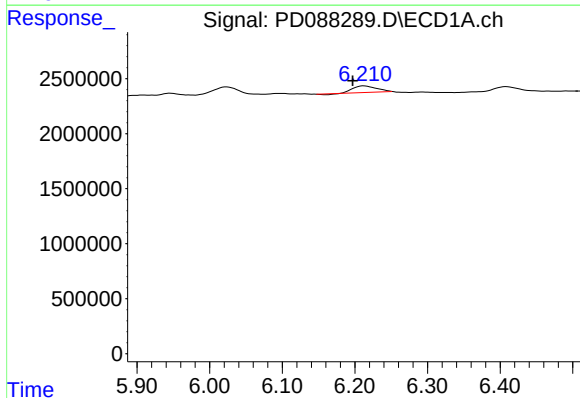
R.T.: 6.023 min  
Delta R.T.: -0.006 min  
Response: 3048647  
Conc: 0.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



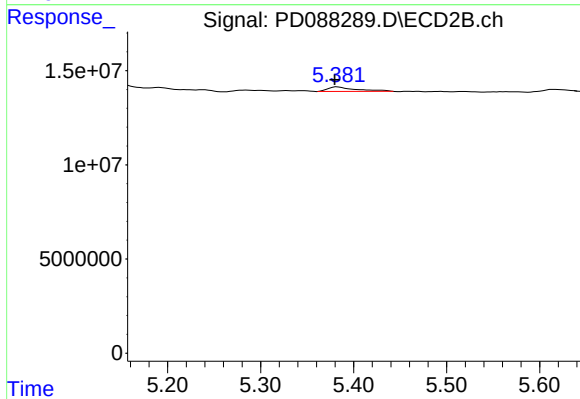
#11 alpha-Chlordane

R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 4070512  
Conc: 0.21 ng/ml



#12 4,4'-DDE

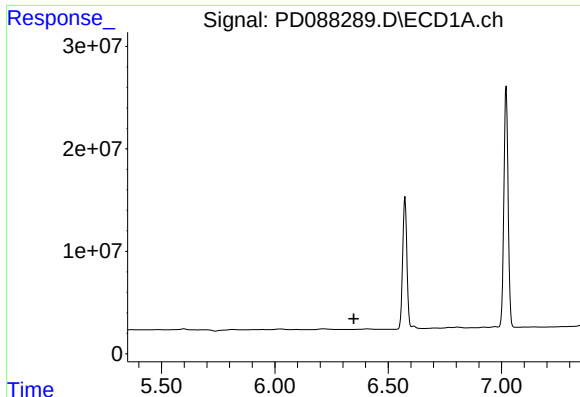
R.T.: 6.213 min  
Delta R.T.: 0.015 min  
Response: 1349842  
Conc: 0.41 ng/ml



#12 4,4'-DDE

R.T.: 5.382 min  
Delta R.T.: 0.003 min  
Response: 5083097  
Conc: 0.26 ng/ml

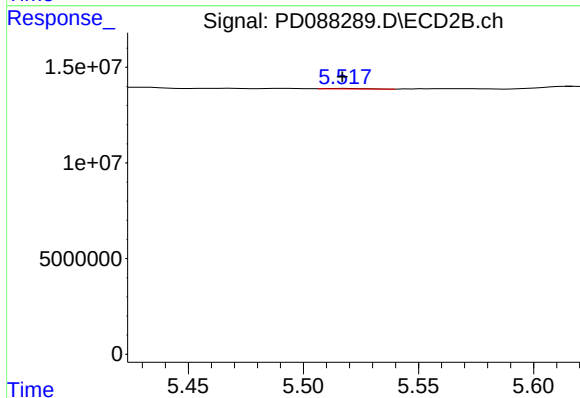




#13 Dieldrin

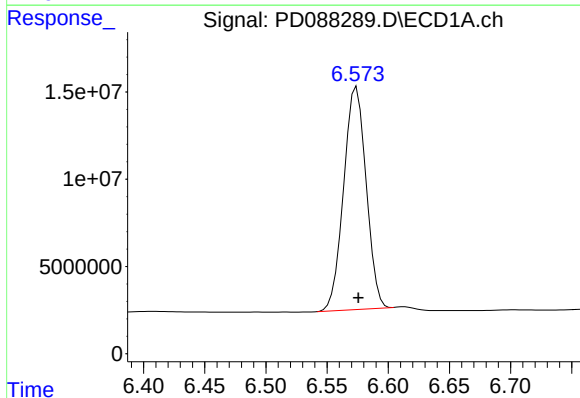
R.T.: 0.000 min  
Exp R.T.: 6.349 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



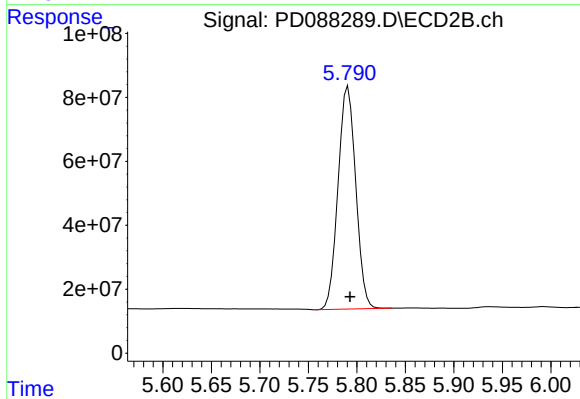
#13 Dieldrin

R.T.: 5.518 min  
Delta R.T.: 0.001 min  
Response: 307322  
Conc: 0.02 ng/ml



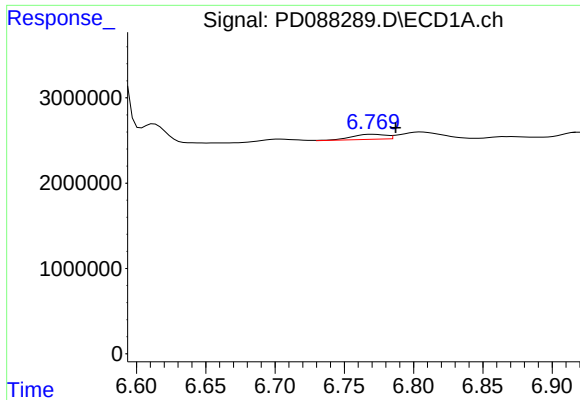
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: -0.002 min  
Response: 163380434  
Conc: 54.78 ng/ml



#14 Endrin

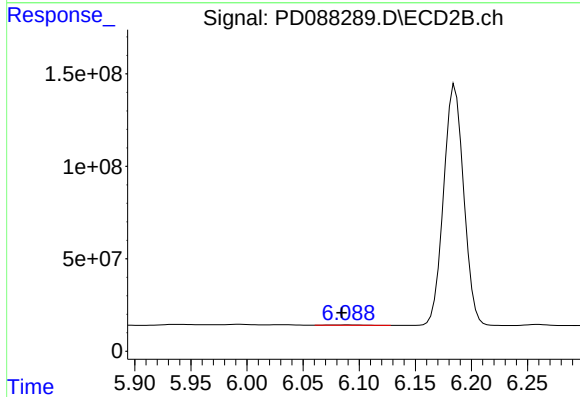
R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 882324457  
Conc: 48.47 ng/ml



#15 Endosulfan II

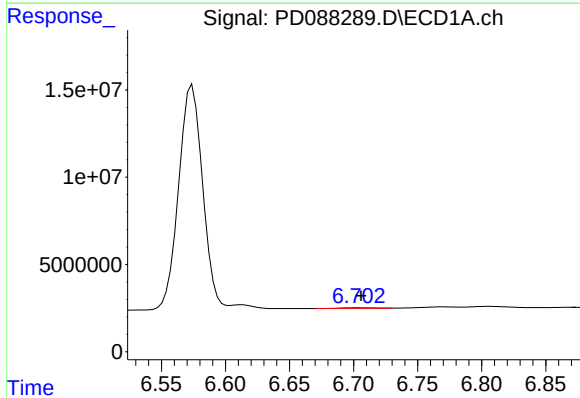
R.T.: 6.770 min  
Delta R.T.: -0.017 min  
Response: 1036286  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



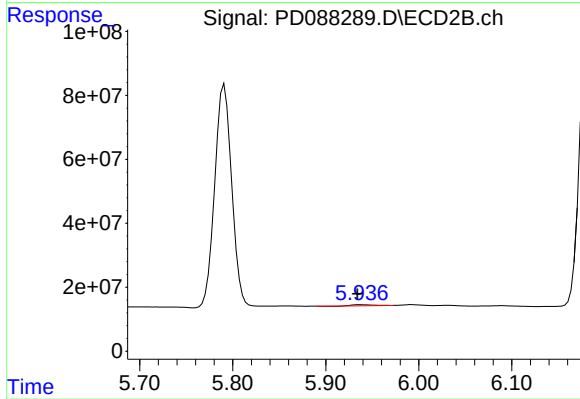
#15 Endosulfan II

R.T.: 6.089 min  
Delta R.T.: 0.005 min  
Response: 3271258  
Conc: 0.19 ng/ml



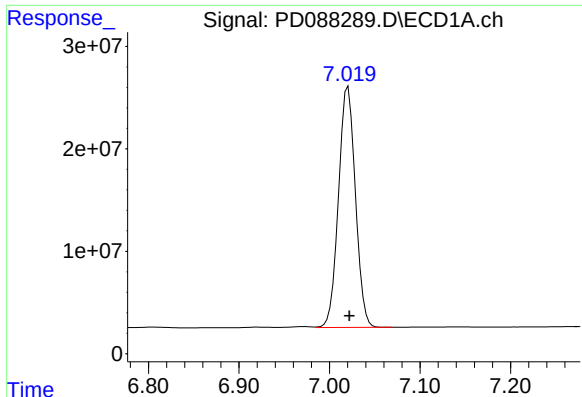
#16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: -0.002 min  
Response: 518422  
Conc: 0.21 ng/ml



#16 4,4'-DDD

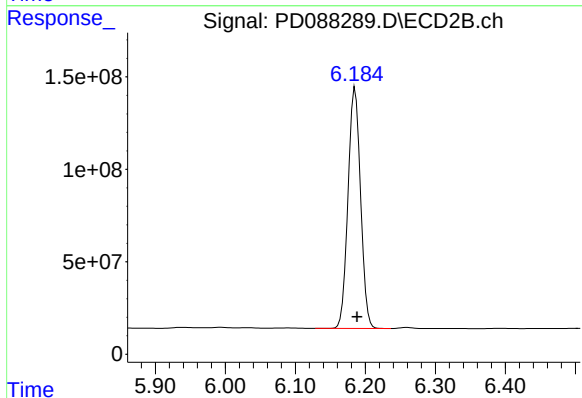
R.T.: 5.937 min  
Delta R.T.: 0.003 min  
Response: 3795568  
Conc: 0.23 ng/ml



#17 4,4'-DDT

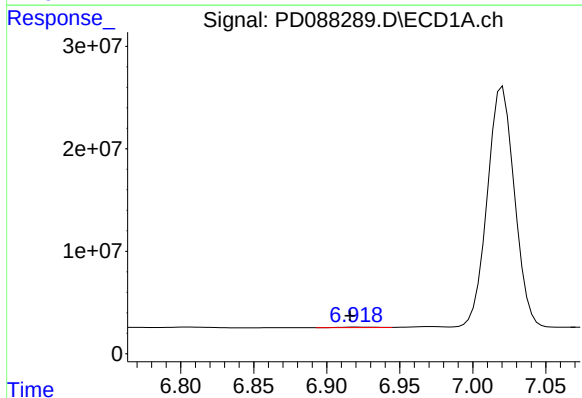
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 304853574  
Conc: 109.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



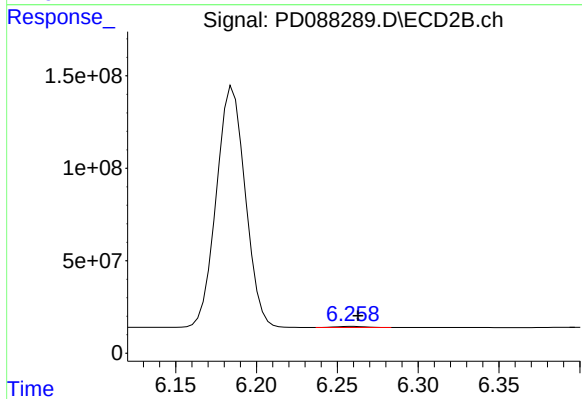
#17 4,4'-DDT

R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 1625112007  
Conc: 95.50 ng/ml



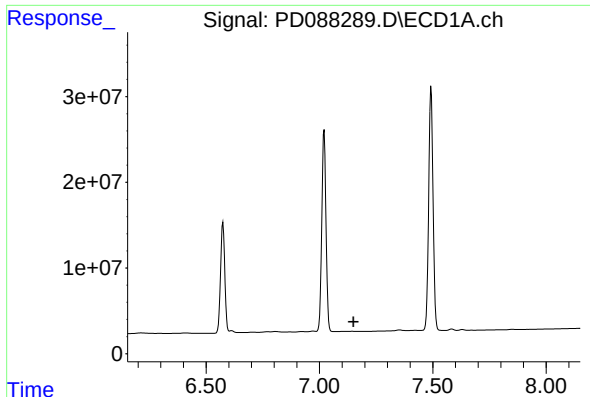
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: 0.004 min  
Response: 928418  
Conc: 0.40 ng/ml



#18 Endrin aldehyde

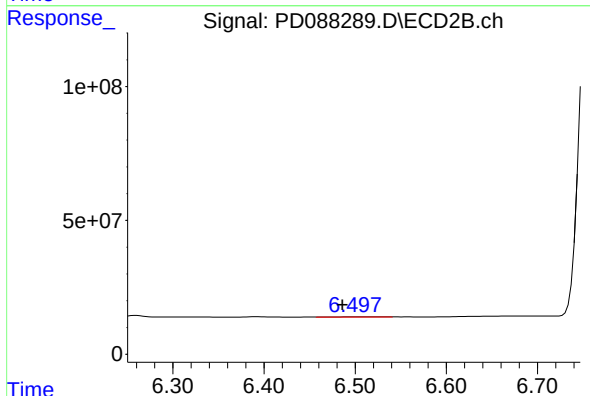
R.T.: 6.259 min  
Delta R.T.: -0.004 min  
Response: 7453356  
Conc: 0.56 ng/ml



#19 Endosulfan Sulfate

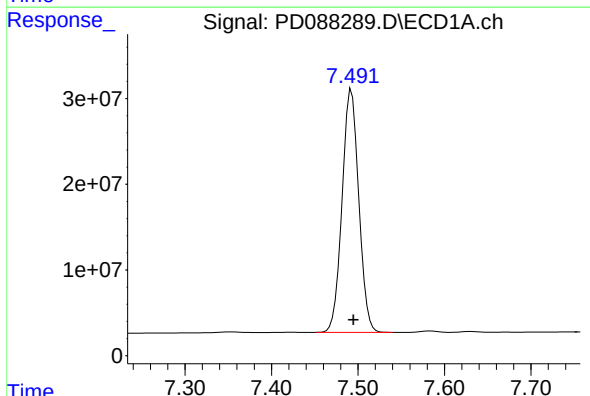
R.T.: 0.000 min  
Exp R.T.: 7.150 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



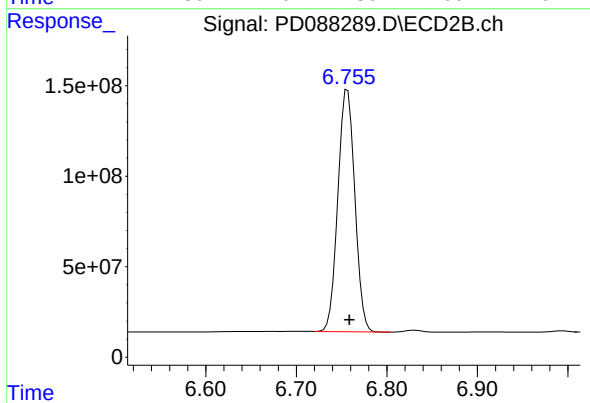
#19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.012 min  
Response: 1970085  
Conc: 0.11 ng/ml



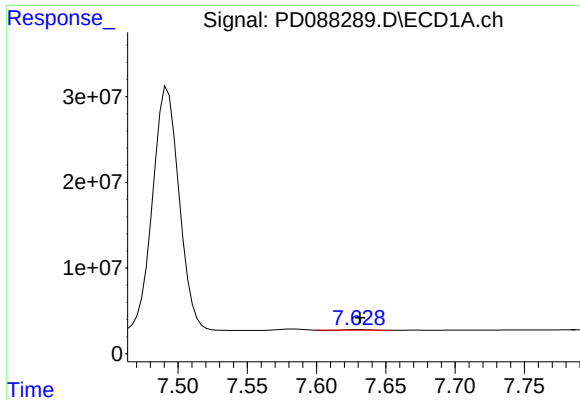
#20 Methoxychlor

R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 377936716  
Conc: 252.03 ng/ml



#20 Methoxychlor

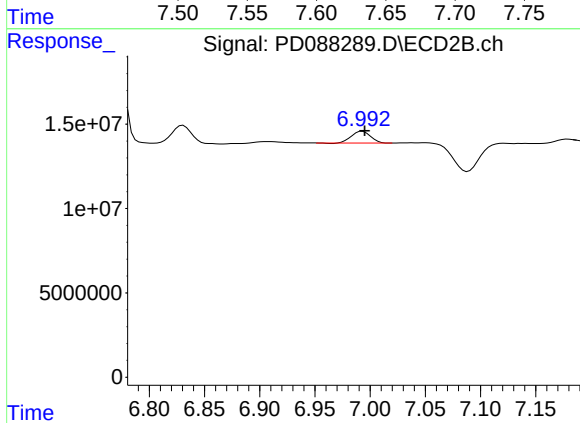
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 1742094591  
Conc: 191.00 ng/ml



#21 Endrin ketone

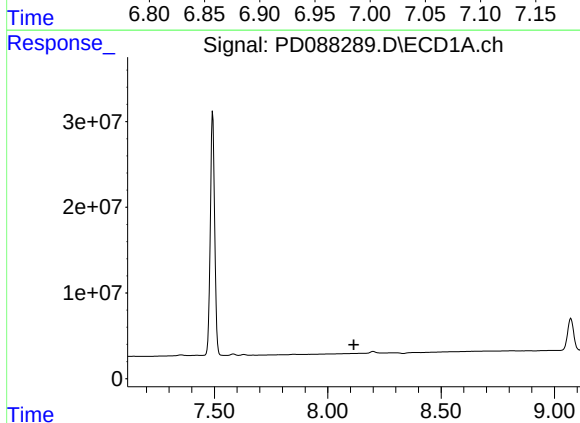
R.T.: 7.630 min  
Delta R.T.: -0.001 min  
Response: 874483  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



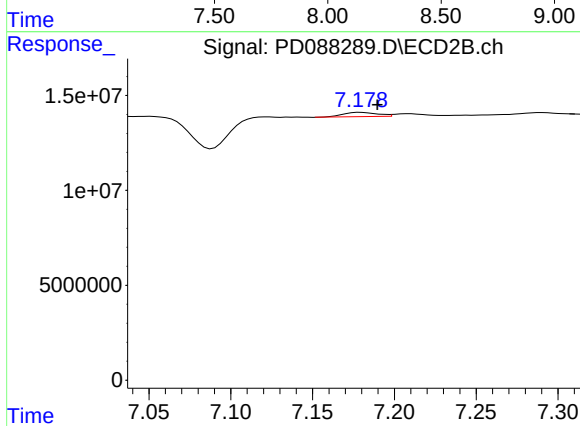
#21 Endrin ketone

R.T.: 6.993 min  
Delta R.T.: -0.002 min  
Response: 8292886  
Conc: 0.44 ng/ml



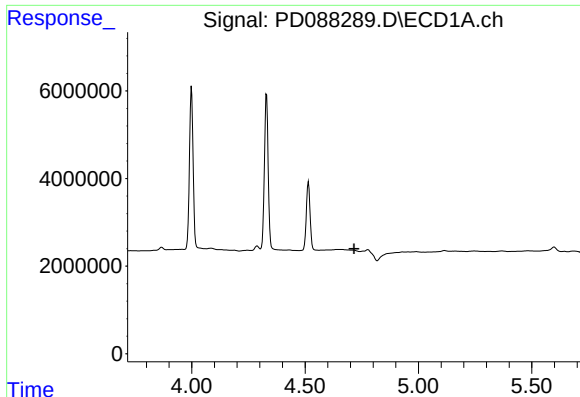
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.115 min  
Response: 0  
Conc: N.D.



#22 Mirex

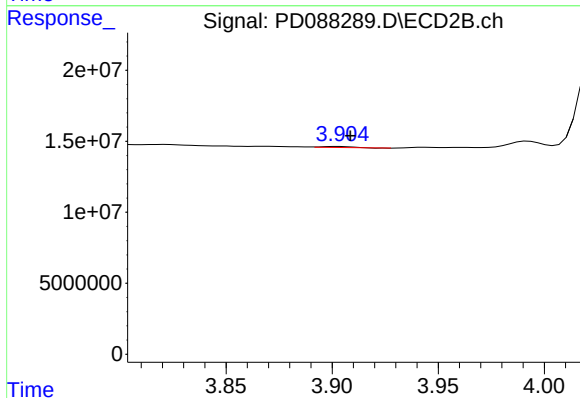
R.T.: 7.179 min  
Delta R.T.: -0.010 min  
Response: 3273889  
Conc: 0.22 ng/ml



#23 Chlordane-1

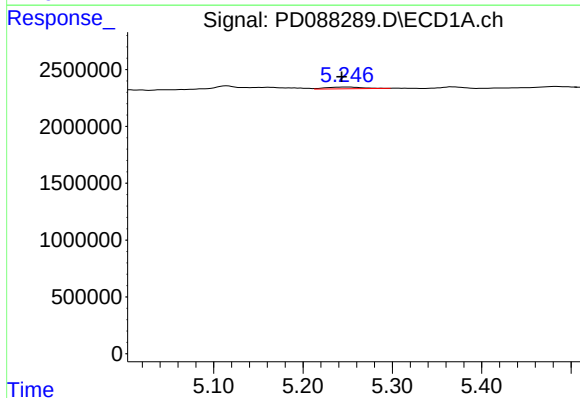
R.T.: 0.000 min  
Exp R.T.: 4.717 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



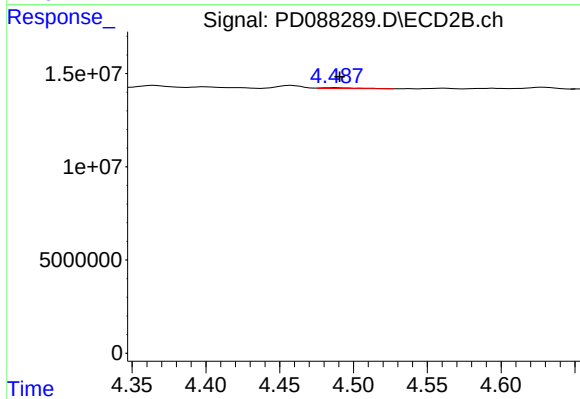
#23 Chlordane-1

R.T.: 3.903 min  
Delta R.T.: -0.005 min  
Response: 678876  
Conc: 0.85 ng/ml



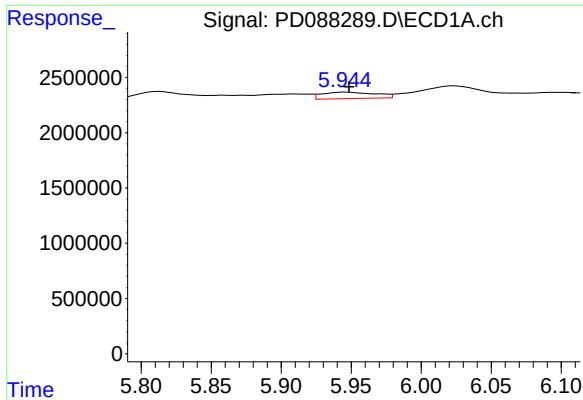
#24 Chlordane-2

R.T.: 5.247 min  
Delta R.T.: 0.004 min  
Response: 420216  
Conc: 2.52 ng/ml



#24 Chlordane-2

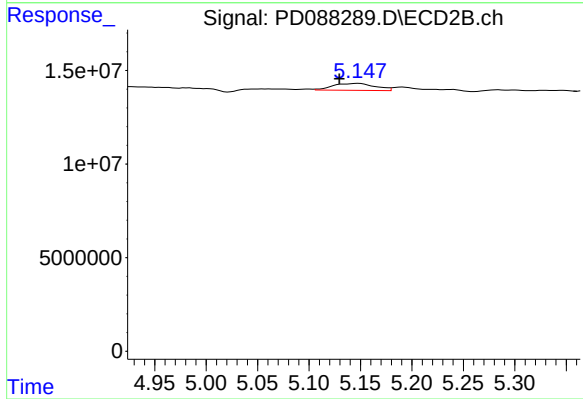
R.T.: 4.488 min  
Delta R.T.: -0.002 min  
Response: 816145  
Conc: 0.99 ng/ml



#25 Chlordane-3

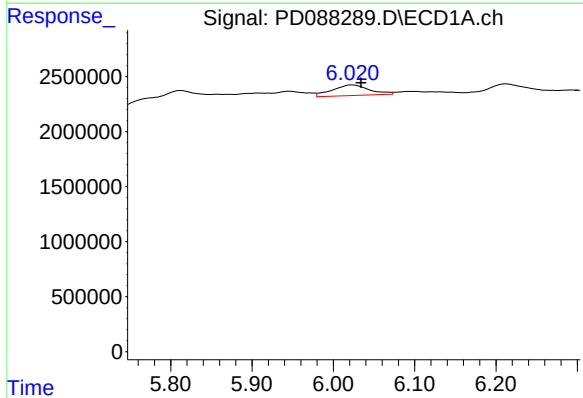
R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 1555152  
Conc: 2.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



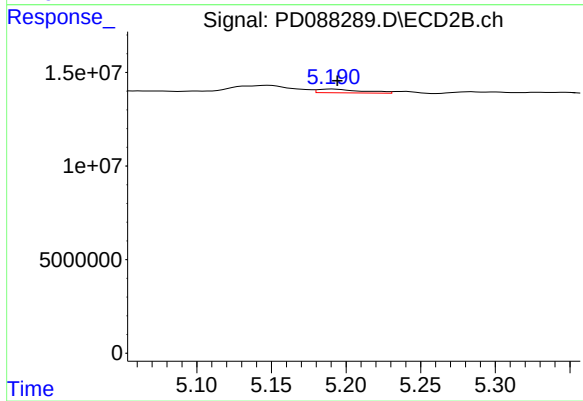
#25 Chlordane-3

R.T.: 5.148 min  
Delta R.T.: 0.019 min  
Response: 10592308  
Conc: 4.19 ng/ml



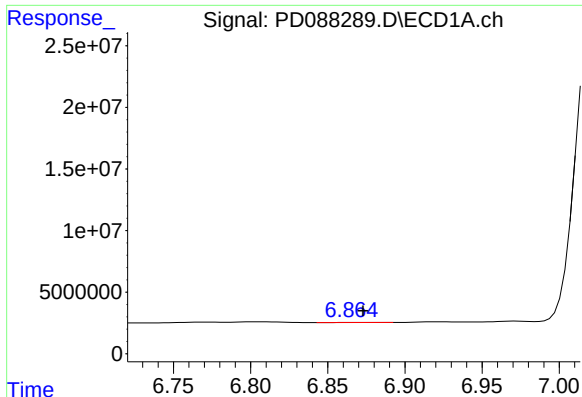
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: -0.011 min  
Response: 3048647  
Conc: 3.74 ng/ml



#26 Chlordane-4

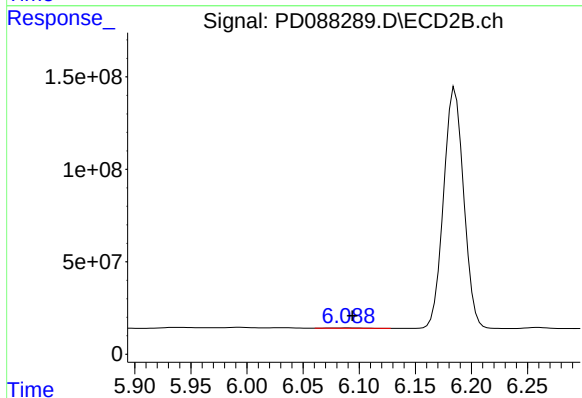
R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 4070512  
Conc: 1.90 ng/ml



#27 Chlordane-5

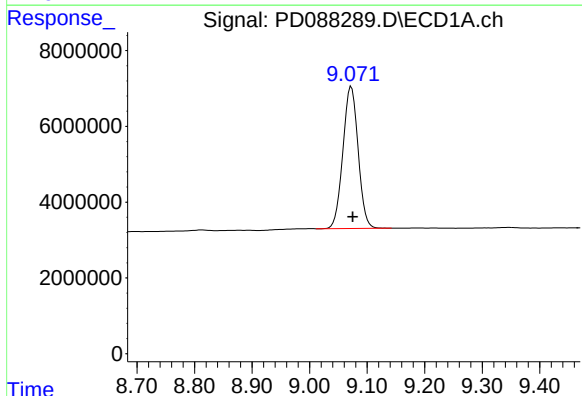
R.T.: 6.866 min  
Delta R.T.: -0.007 min  
Response: 176056  
Conc: 1.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



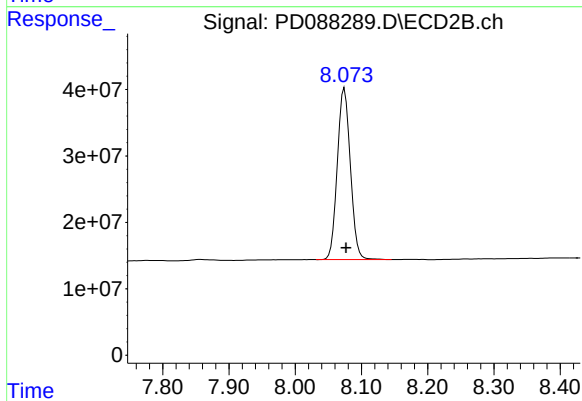
#27 Chlordane-5

R.T.: 6.089 min  
Delta R.T.: -0.005 min  
Response: 3271258  
Conc: 3.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min  
Delta R.T.: -0.003 min  
Response: 69088698  
Conc: 20.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min  
Delta R.T.: -0.002 min  
Response: 354082464  
Conc: 19.16 ng/ml