

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050525\  
 Data File : PD088433.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 19:10  
 Operator : AR\AJ  
 Sample : Q1901-8  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:47:08 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... | 3.575f | 2.872  | 13621820 | 1559557  | 6.820 | 0.107 #   |
| 28)                         | SA Decachlor... | 9.070  | 8.067  | 186214   | 519761   | 0.056 | 0.028 #   |
| Target Compounds            |                 |        |        |          |          |       |           |
| 2)                          | A alpha-BHC     | 3.986f | 3.408  | 10417073 | 12144843 | 2.416 | 0.531 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 3.737  | 0        | 5448478  | N.D.  | 0.253 #   |
| 4)                          | MA Heptachlor   | 4.956f | 4.091  | 2376075  | 25651897 | 0.588 | 1.199 #   |
| 5)                          | MB Aldrin       | 5.253f | 4.388f | 1138782  | 51383961 | 0.288 | 2.470 #   |
| 6)                          | B beta-BHC      | 4.515  | 4.046f | 207994   | 27145945 | 0.128 | 2.933 #   |
| 7)                          | B delta-BHC     | 4.779  | 4.272  | 30647568 | 4112926  | 7.430 | 0.193 #   |
| 8)                          | B Heptachlo...  | 5.677f | 4.881  | 776570   | 2224049  | 0.217 | 0.118 #   |
| 9)                          | A Endosulfan I  | 6.072  | 5.251  | 76437    | 4842709  | 0.023 | 0.269 #   |
| 10)                         | B gamma-Chl...  | 5.980f | 5.156f | 498095   | 94787081 | 0.138 | 4.670 #   |
| 11)                         | B alpha-Chl...  | 6.025  | 5.221f | 1127865  | 4573746  | 0.312 | 0.233 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.392  | 0        | 4414068  | N.D.  | 0.224 #   |
| 14)                         | MA Endrin       | 6.587  | 5.793  | -9477    | 3098955  | N.D.  | 0.170     |
| 15)                         | B Endosulfa...  | 6.770f | 6.104f | 383793   | 5019982  | 0.123 | 0.287 #   |
| 16)                         | A 4,4'-DDD      | 6.735f | 5.927  | 37626    | 5574523  | 0.015 | 0.340 #   |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.188  | 0        | 1184882  | N.D.  | 0.070 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.268  | 0        | 1308658  | N.D.  | 0.098 #   |
| 19)                         | B Endosulfa...  | 7.180f | 6.491  | 111746   | 957147   | 0.039 | 0.056 #   |
| 20)                         | A Methoxychlor  | 7.514f | 6.736f | 439940   | 424084   | 0.293 | 0.046 #   |
| 21)                         | B Endrin ke...  | 0.000  | 7.006  | 0        | 2268924  | N.D.  | 0.121 #   |
| 22)                         | Mirex           | 0.000  | 7.198  | 0        | 702866   | N.D.  | 0.047 #   |
| 23)                         | Chlordane-1     | 4.737f | 3.912  | 500685   | 116.4E6  | 3.014 | 145.197 # |
| 24)                         | Chlordane-2     | 5.253  | 4.492  | 1138782  | 15022421 | 6.838 | 18.202 #  |
| 25)                         | Chlordane-3     | 0.000  | 5.156f | 0        | 94787081 | N.D.  | 37.479 #  |
| 26)                         | Chlordane-4     | 6.025  | 5.221f | 1127865  | 4573746  | 1.383 | 2.139 #   |
| 27)                         | Chlordane-5     | 6.872  | 6.104  | 1294718  | 5019982  | 9.529 | 5.199 #   |
| -----                       |                 |        |        |          |          |       |           |

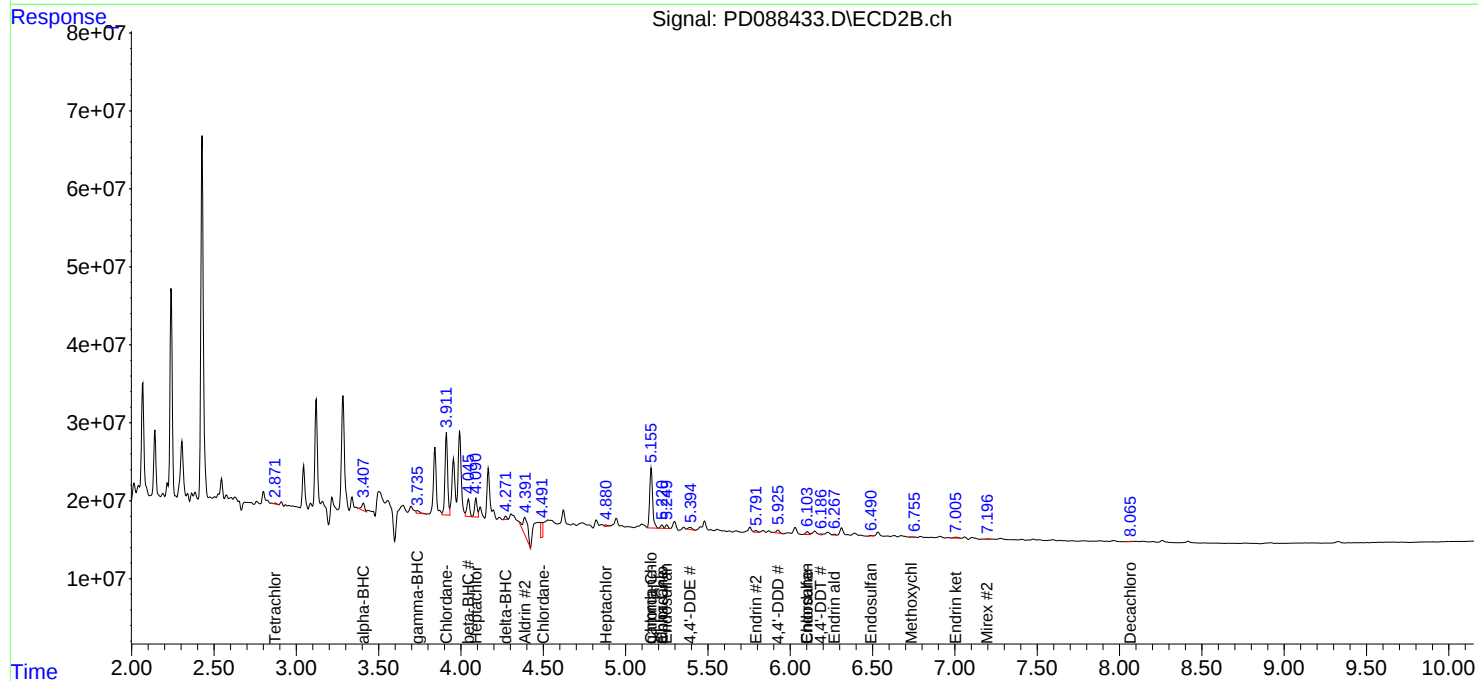
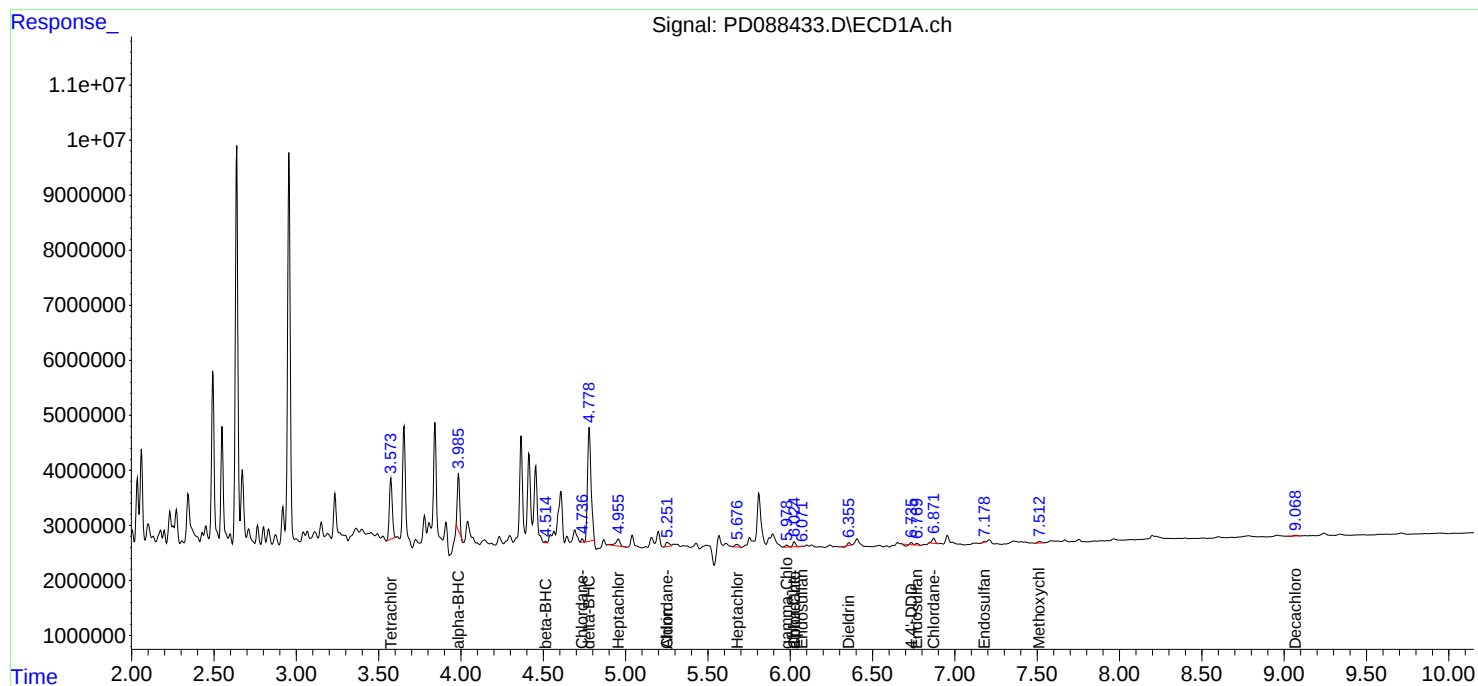
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

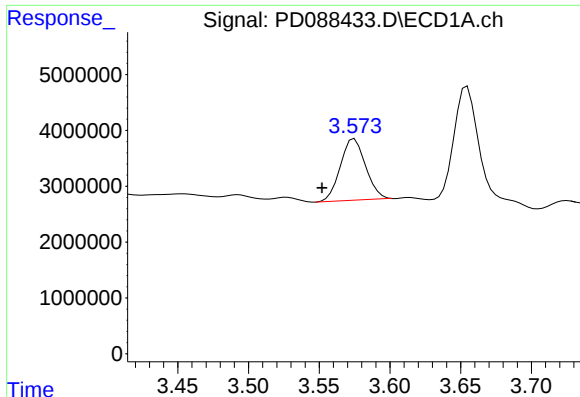
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050525\  
Data File : PD088433.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 19:10  
Operator : AR\AJ  
Sample : Q1901-8  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:47:08 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

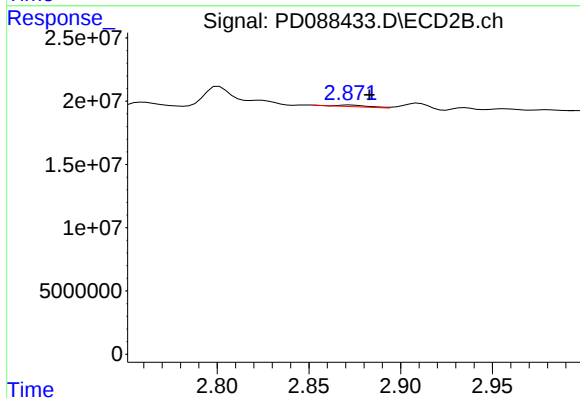




#1 Tetrachloro-m-xylene

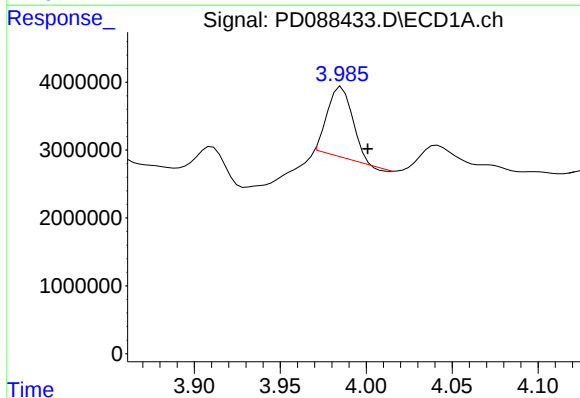
R.T.: 3.575 min  
Delta R.T.: 0.023 min  
Response: 13621820  
Conc: 6.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



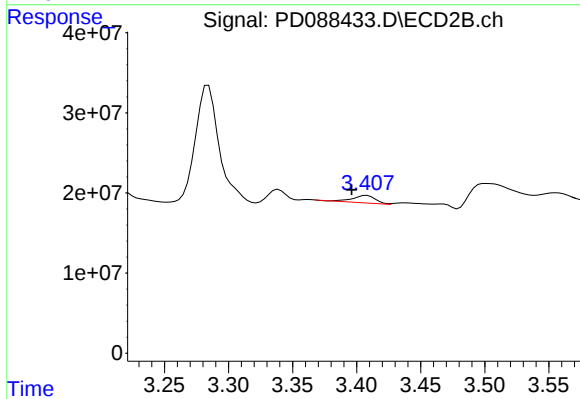
#1 Tetrachloro-m-xylene

R.T.: 2.872 min  
Delta R.T.: -0.011 min  
Response: 1559557  
Conc: 0.11 ng/ml



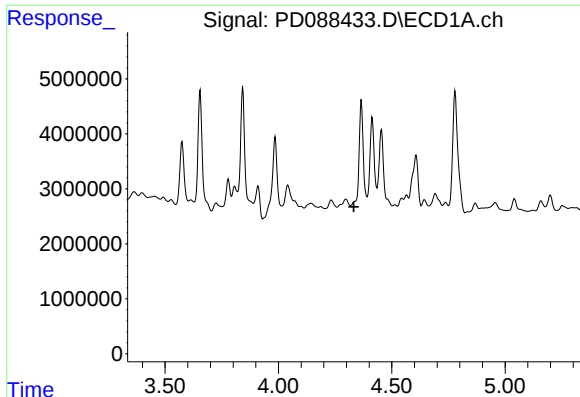
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.015 min  
Response: 10417073  
Conc: 2.42 ng/ml



#2 alpha-BHC

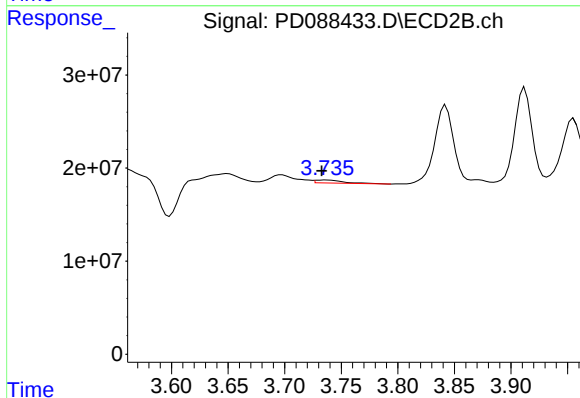
R.T.: 3.408 min  
Delta R.T.: 0.012 min  
Response: 12144843  
Conc: 0.53 ng/ml



#3 gamma-BHC (Lindane)

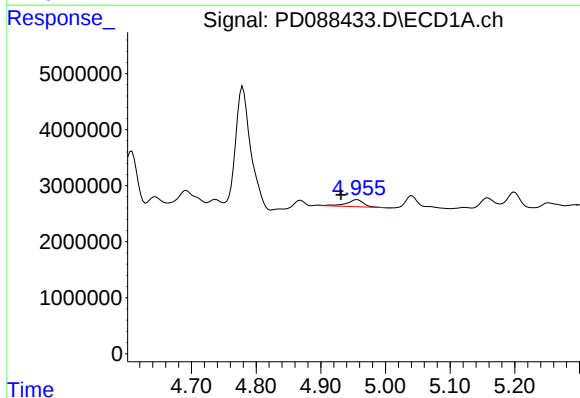
R.T.: 0.000 min  
Exp R.T.: 4.332 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



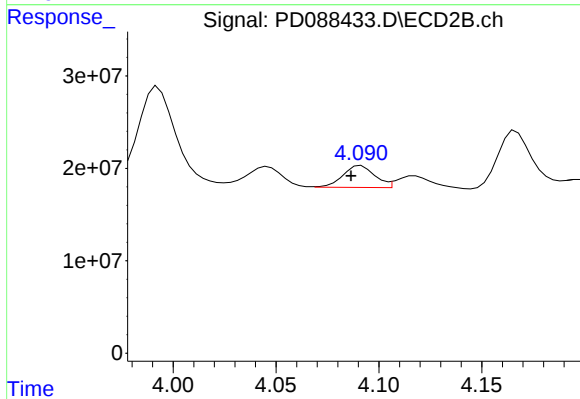
#3 gamma-BHC (Lindane)

R.T.: 3.737 min  
Delta R.T.: 0.004 min  
Response: 5448478  
Conc: 0.25 ng/ml



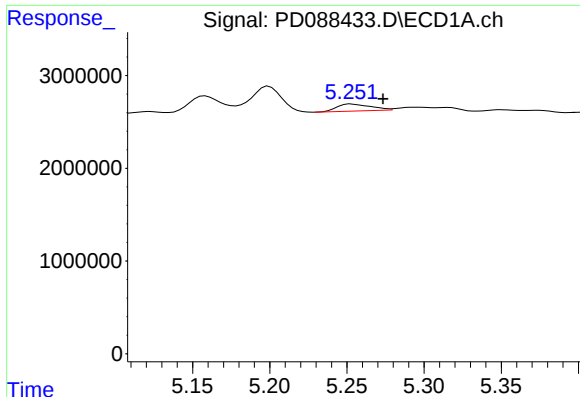
#4 Heptachlor

R.T.: 4.956 min  
Delta R.T.: 0.025 min  
Response: 2376075  
Conc: 0.59 ng/ml



#4 Heptachlor

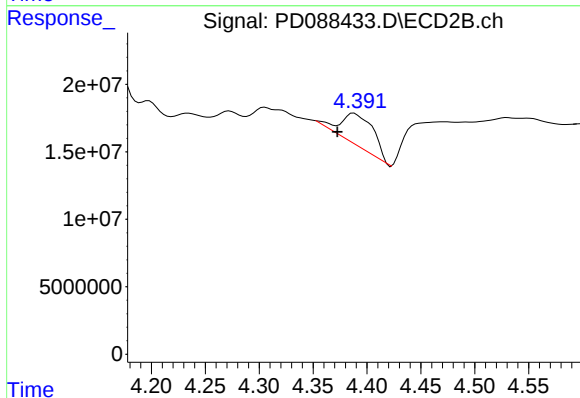
R.T.: 4.091 min  
Delta R.T.: 0.005 min  
Response: 25651897  
Conc: 1.20 ng/ml



#5 Aldrin

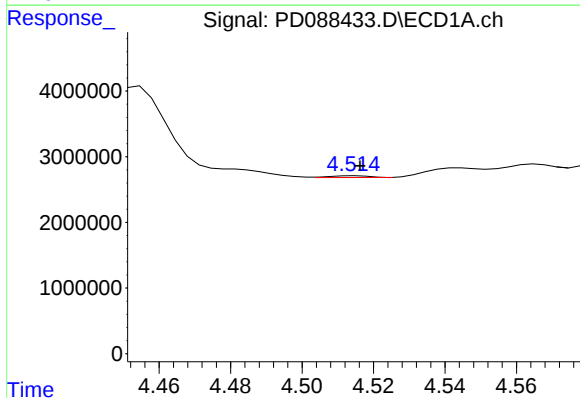
R.T.: 5.253 min  
Delta R.T.: -0.021 min  
Response: 1138782  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



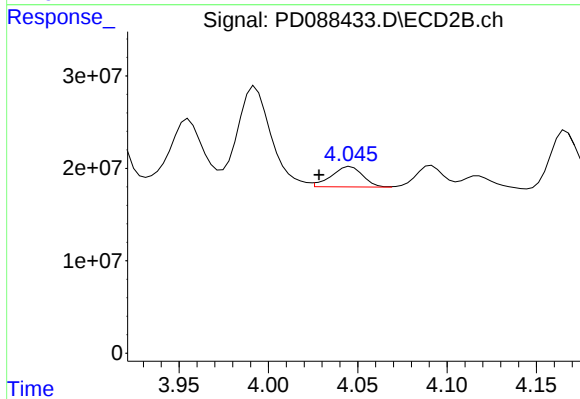
#5 Aldrin

R.T.: 4.388 min  
Delta R.T.: 0.015 min  
Response: 51383961  
Conc: 2.47 ng/ml



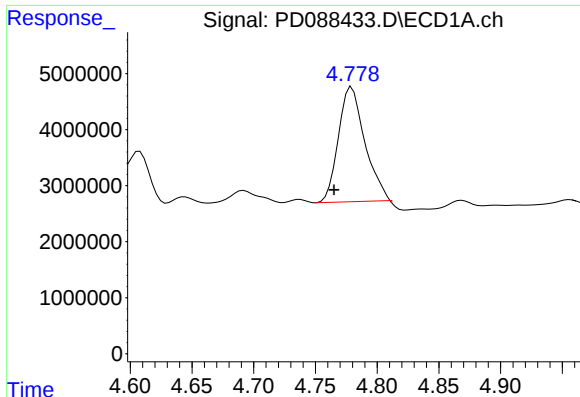
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: -0.001 min  
Response: 207994  
Conc: 0.13 ng/ml



#6 beta-BHC

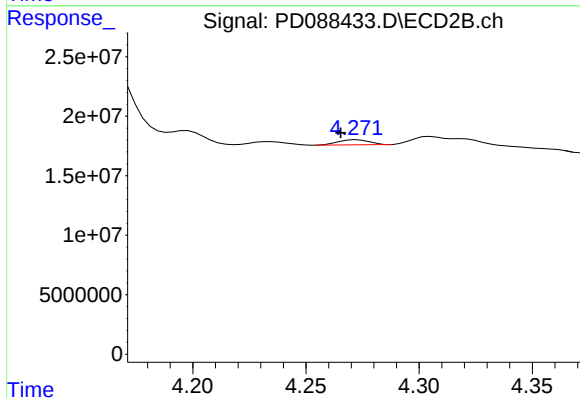
R.T.: 4.046 min  
Delta R.T.: 0.018 min  
Response: 27145945  
Conc: 2.93 ng/ml



#7 delta-BHC

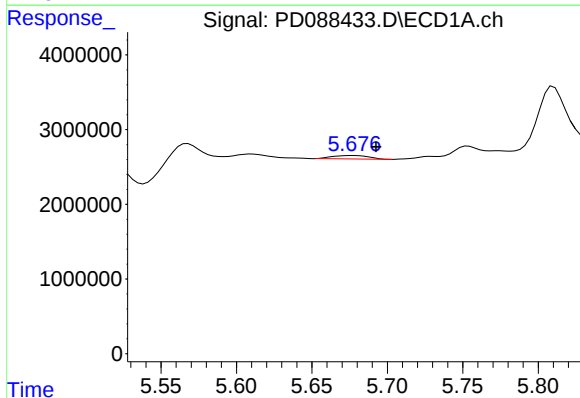
R.T.: 4.779 min  
Delta R.T.: 0.014 min  
Response: 30647568  
Conc: 7.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



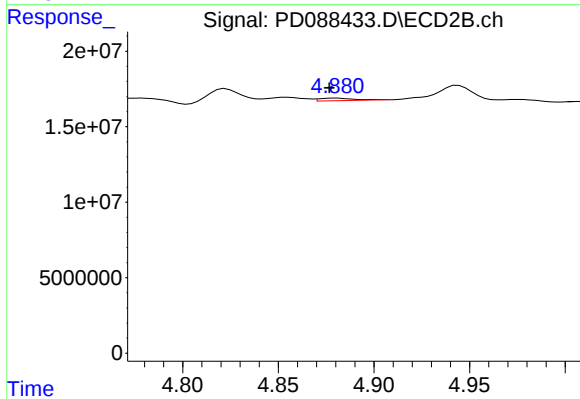
#7 delta-BHC

R.T.: 4.272 min  
Delta R.T.: 0.007 min  
Response: 4112926  
Conc: 0.19 ng/ml



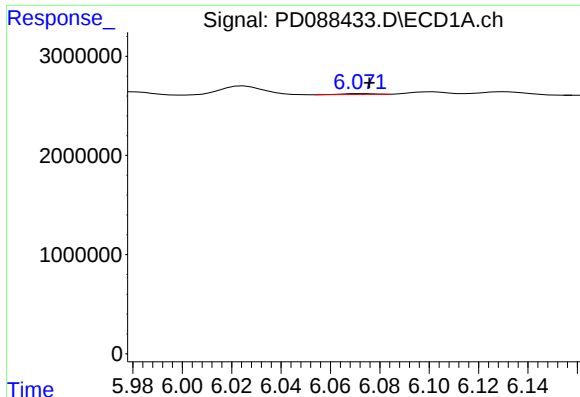
#8 Heptachlor epoxide

R.T.: 5.677 min  
Delta R.T.: -0.015 min  
Response: 776570  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

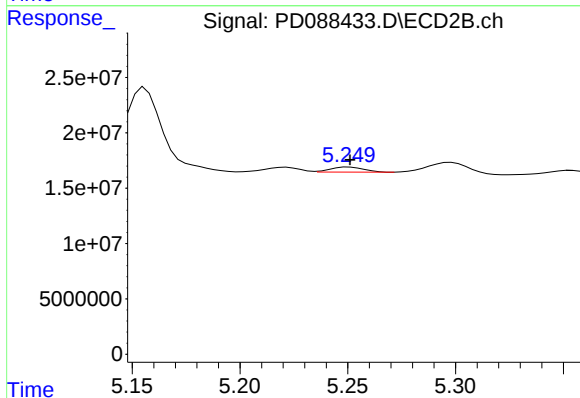
R.T.: 4.881 min  
Delta R.T.: 0.004 min  
Response: 2224049  
Conc: 0.12 ng/ml



#9 Endosulfan I

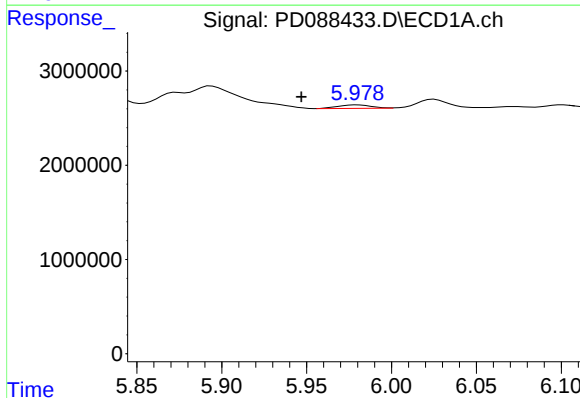
R.T.: 6.072 min  
Delta R.T.: -0.003 min  
Response: 76437  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



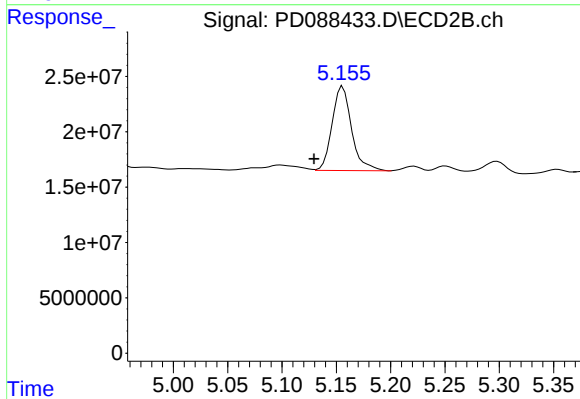
#9 Endosulfan I

R.T.: 5.251 min  
Delta R.T.: 0.000 min  
Response: 4842709  
Conc: 0.27 ng/ml



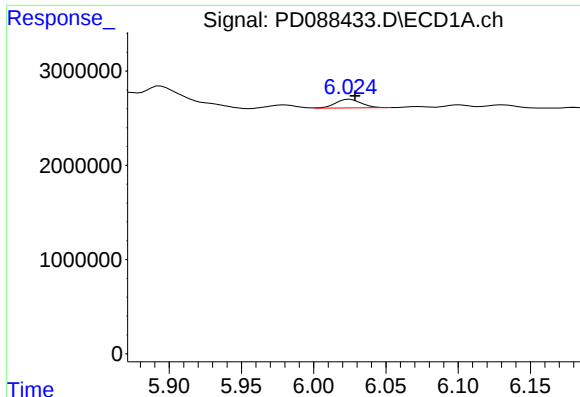
#10 gamma-Chlordane

R.T.: 5.980 min  
Delta R.T.: 0.033 min  
Response: 498095  
Conc: 0.14 ng/ml



#10 gamma-Chlordane

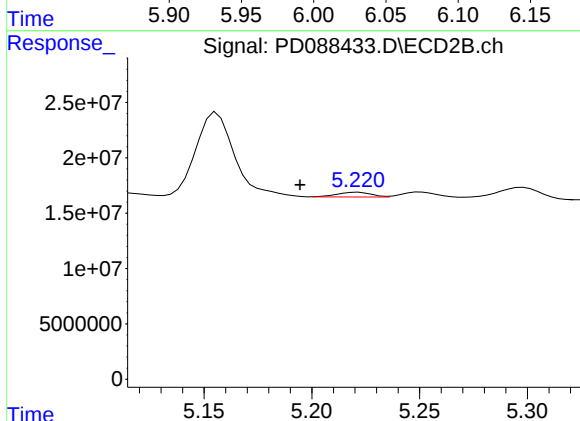
R.T.: 5.156 min  
Delta R.T.: 0.027 min  
Response: 94787081  
Conc: 4.67 ng/ml



#11 alpha-Chlordane

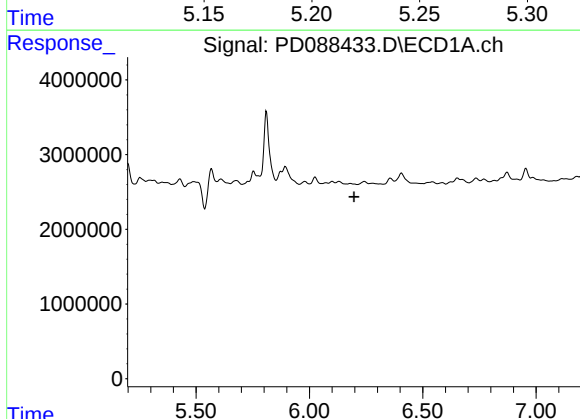
R.T.: 6.025 min  
Delta R.T.: -0.004 min  
Response: 1127865  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



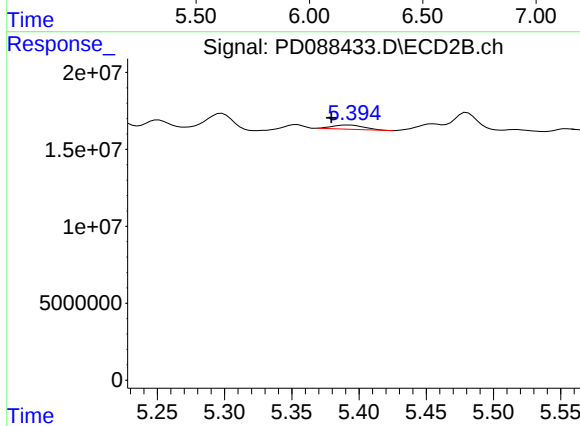
#11 alpha-Chlordane

R.T.: 5.221 min  
Delta R.T.: 0.027 min  
Response: 4573746  
Conc: 0.23 ng/ml



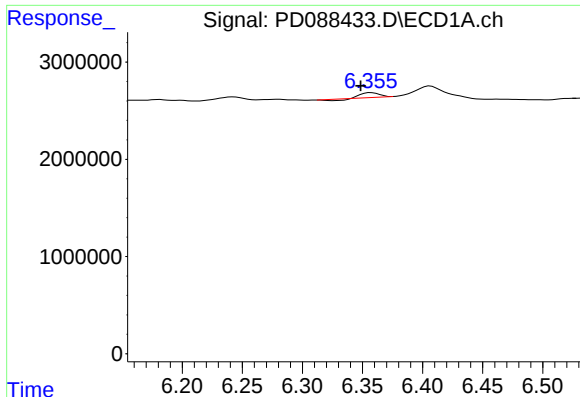
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.197 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

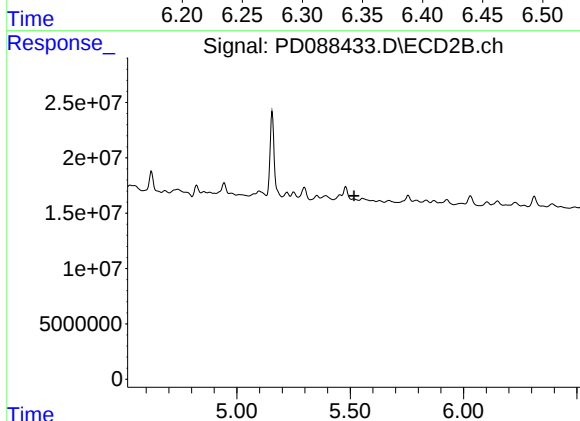
R.T.: 5.392 min  
Delta R.T.: 0.013 min  
Response: 4414068  
Conc: 0.22 ng/ml



#13 Dieldrin

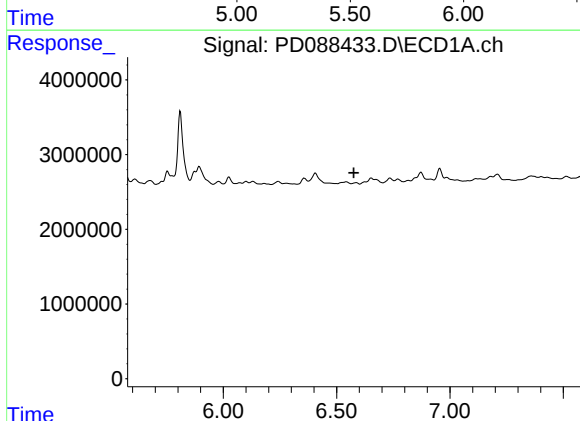
R.T.: 6.357 min  
Delta R.T.: 0.008 min  
Response: 396194  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



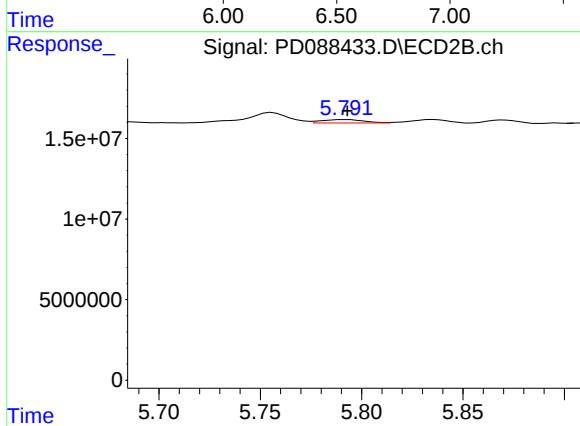
#13 Dieldrin

R.T.: 5.517 min  
Delta R.T.: 0.000 min  
Response: -8150398  
Conc: N.D.



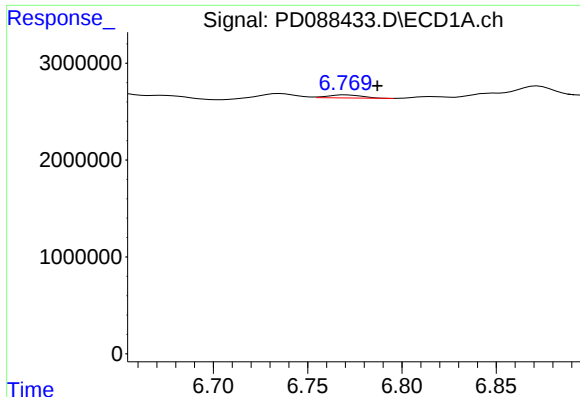
#14 Endrin

R.T.: 6.587 min  
Delta R.T.: 0.011 min  
Response: -9477  
Conc: N.D.



#14 Endrin

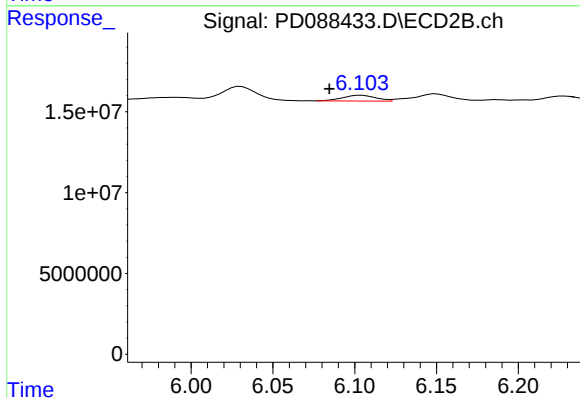
R.T.: 5.793 min  
Delta R.T.: 0.000 min  
Response: 3098955  
Conc: 0.17 ng/ml



#15 Endosulfan II

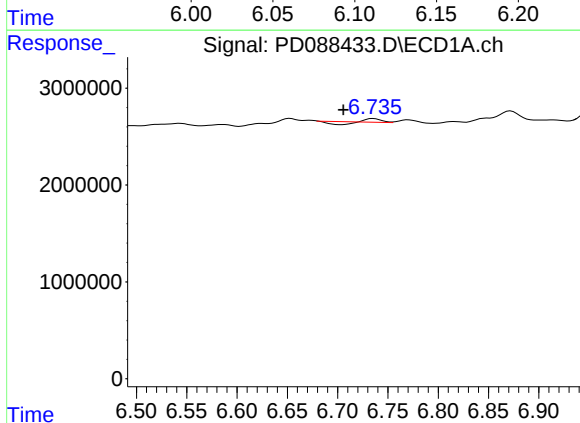
R.T.: 6.770 min  
Delta R.T.: -0.017 min  
Response: 383793  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



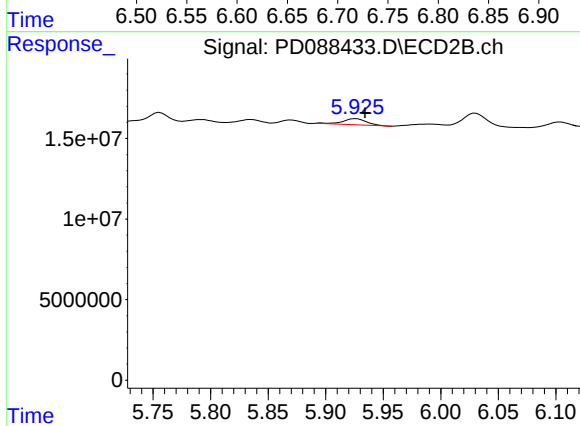
#15 Endosulfan II

R.T.: 6.104 min  
Delta R.T.: 0.020 min  
Response: 5019982  
Conc: 0.29 ng/ml



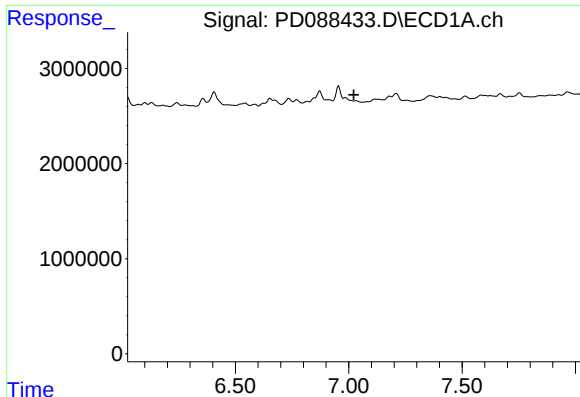
#16 4,4'-DDD

R.T.: 6.735 min  
Delta R.T.: 0.030 min  
Response: 37626  
Conc: 0.01 ng/ml



#16 4,4'-DDD

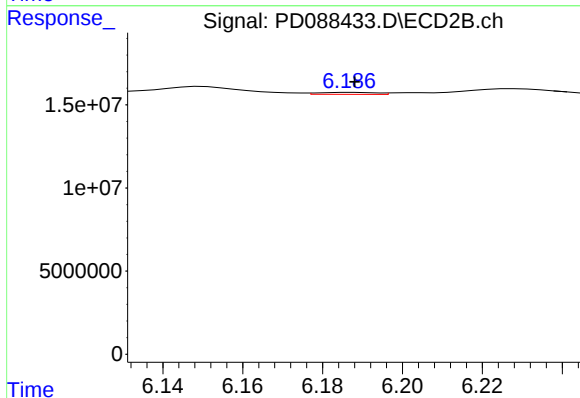
R.T.: 5.927 min  
Delta R.T.: -0.008 min  
Response: 5574523  
Conc: 0.34 ng/ml



#17 4,4'-DDT

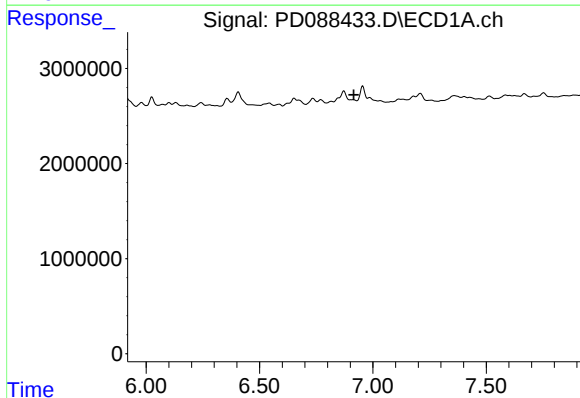
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



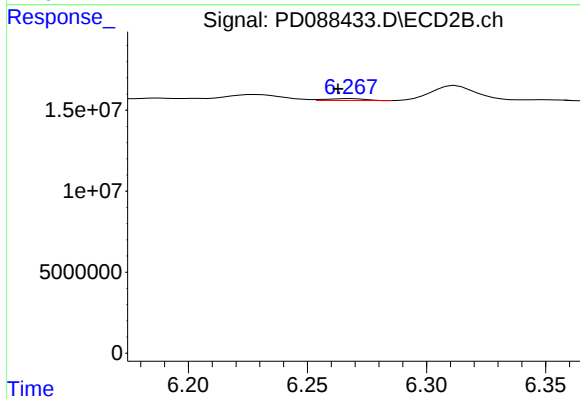
#17 4,4'-DDT

R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 1184882  
Conc: 0.07 ng/ml



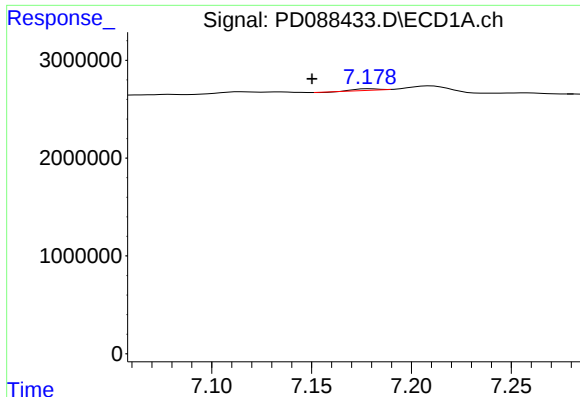
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 6.916 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

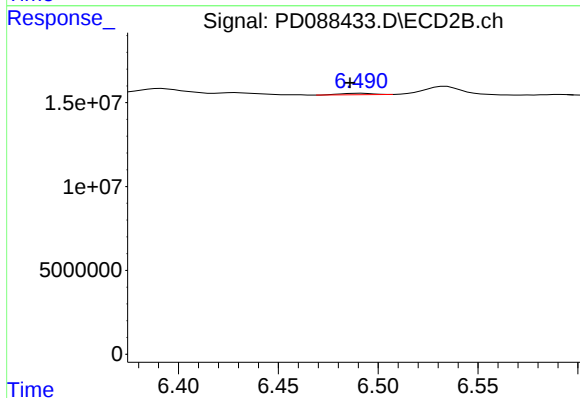
R.T.: 6.268 min  
Delta R.T.: 0.006 min  
Response: 1308658  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

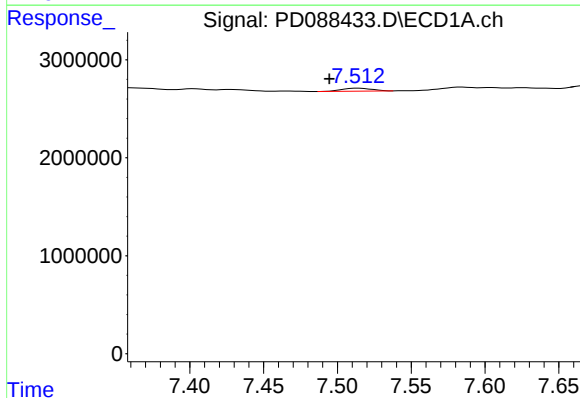
R.T.: 7.180 min  
Delta R.T.: 0.029 min  
Response: 111746  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



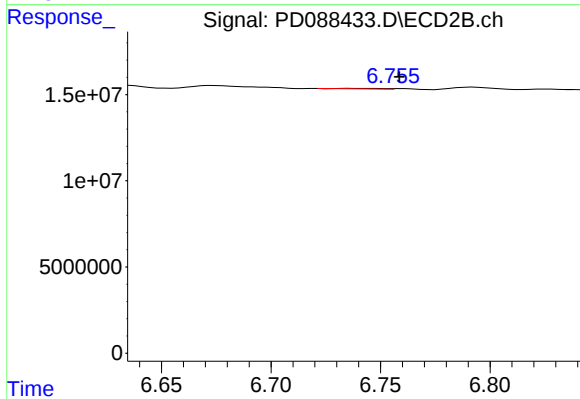
#19 Endosulfan Sulfate

R.T.: 6.491 min  
Delta R.T.: 0.005 min  
Response: 957147  
Conc: 0.06 ng/ml



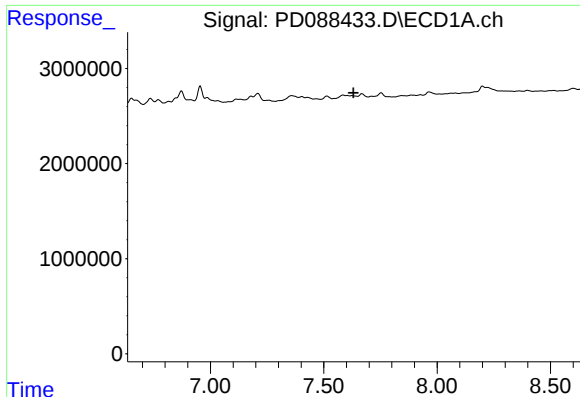
#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: 0.019 min  
Response: 439940  
Conc: 0.29 ng/ml



#20 Methoxychlor

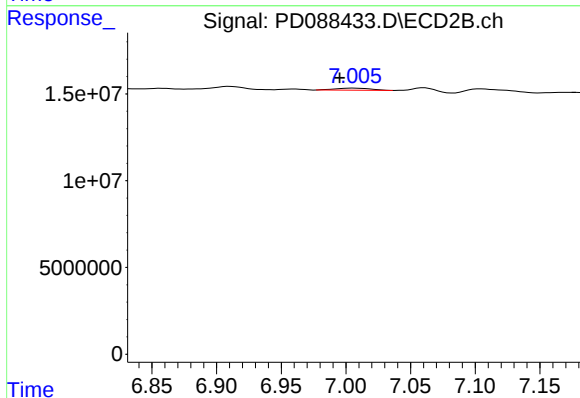
R.T.: 6.736 min  
Delta R.T.: -0.023 min  
Response: 424084  
Conc: 0.05 ng/ml



#21 Endrin ketone

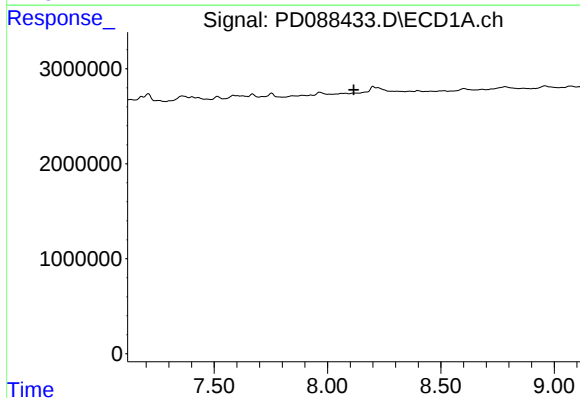
R.T.: 0.000 min  
Exp R.T.: 7.631 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



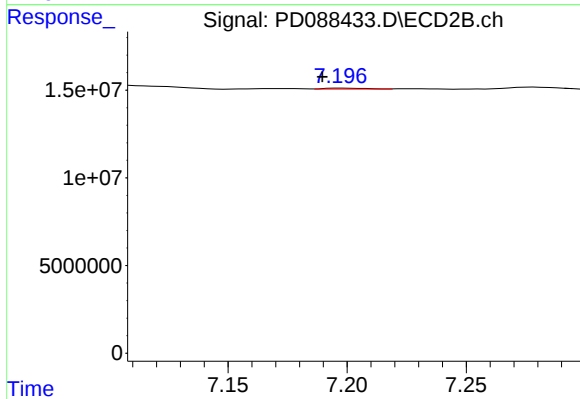
#21 Endrin ketone

R.T.: 7.006 min  
Delta R.T.: 0.011 min  
Response: 2268924  
Conc: 0.12 ng/ml



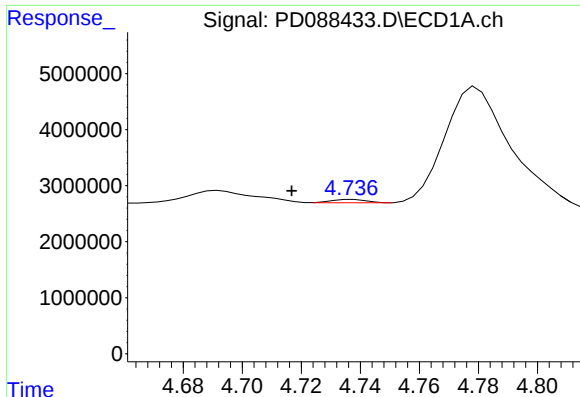
#22 Mirex

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



#22 Mirex

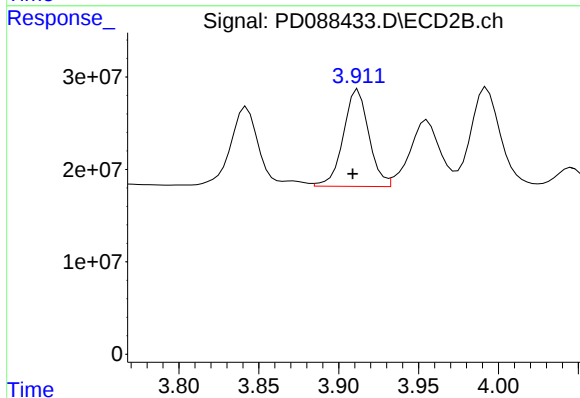
R.T.: 7.198 min  
Delta R.T.: 0.008 min  
Response: 702866  
Conc: 0.05 ng/ml



#23 Chlordane-1

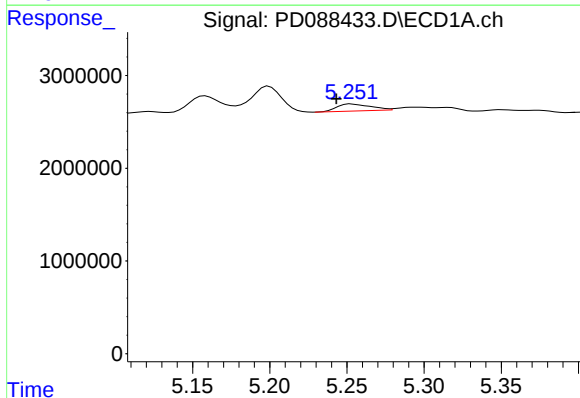
R.T.: 4.737 min  
Delta R.T.: 0.021 min  
Response: 500685  
Conc: 3.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



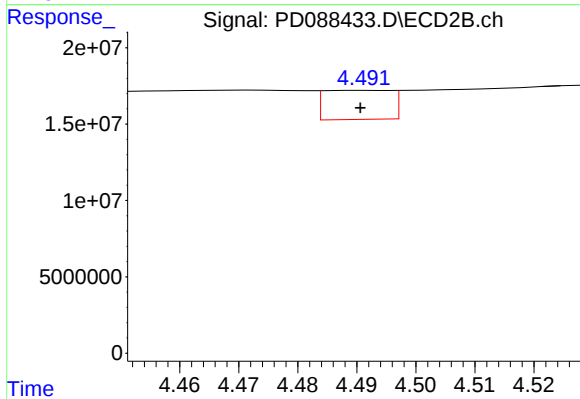
#23 Chlordane-1

R.T.: 3.912 min  
Delta R.T.: 0.004 min  
Response: 116404466  
Conc: 145.20 ng/ml



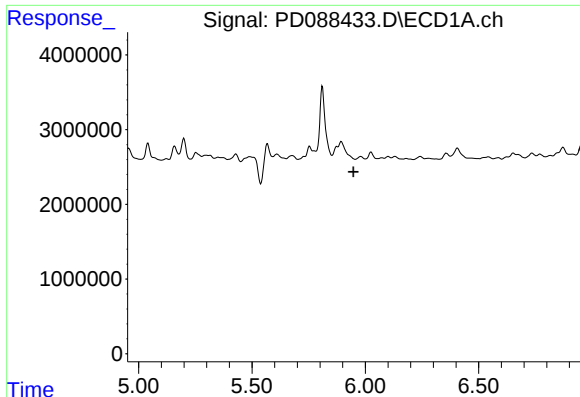
#24 Chlordane-2

R.T.: 5.253 min  
Delta R.T.: 0.010 min  
Response: 1138782  
Conc: 6.84 ng/ml



#24 Chlordane-2

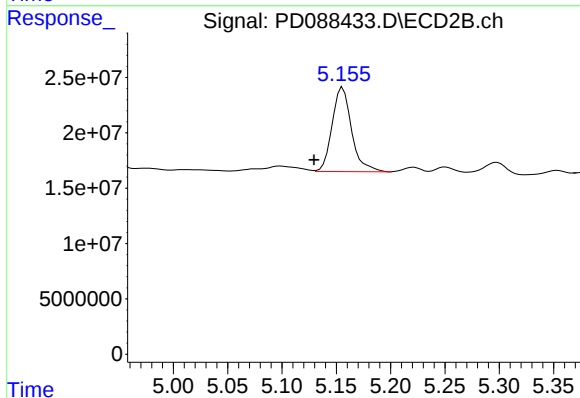
R.T.: 4.492 min  
Delta R.T.: 0.001 min  
Response: 15022421  
Conc: 18.20 ng/ml



#25 Chlordane-3

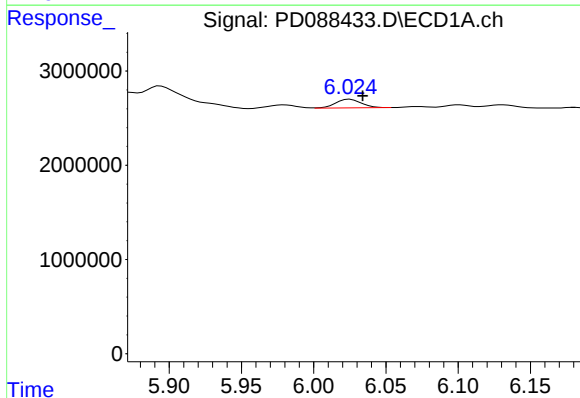
R.T.: 0.000 min  
Exp R.T.: 5.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



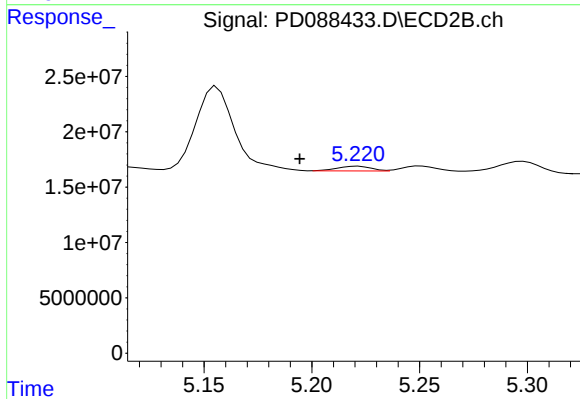
#25 Chlordane-3

R.T.: 5.156 min  
Delta R.T.: 0.026 min  
Response: 94787081  
Conc: 37.48 ng/ml



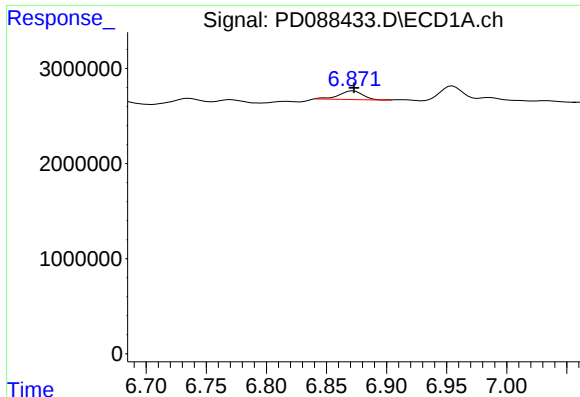
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: -0.009 min  
Response: 1127865  
Conc: 1.38 ng/ml



#26 Chlordane-4

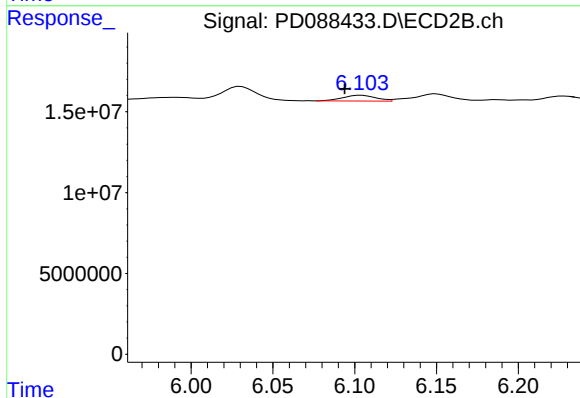
R.T.: 5.221 min  
Delta R.T.: 0.027 min  
Response: 4573746  
Conc: 2.14 ng/ml



#27 Chlordane-5

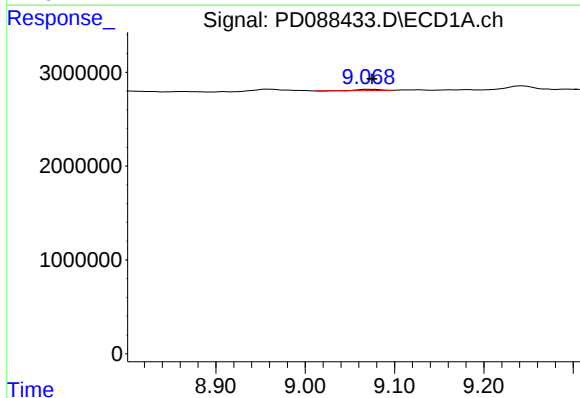
R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 1294718  
Conc: 9.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



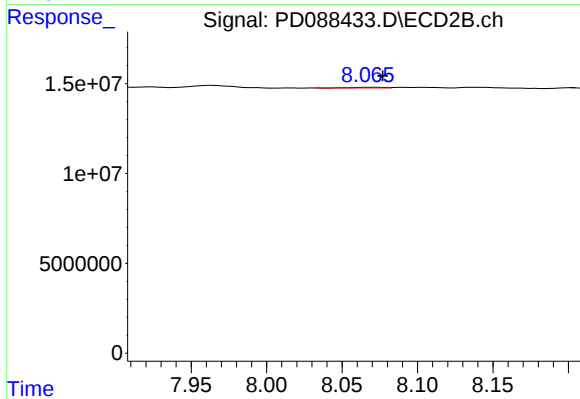
#27 Chlordane-5

R.T.: 6.104 min  
Delta R.T.: 0.010 min  
Response: 5019982  
Conc: 5.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: -0.005 min  
Response: 186214  
Conc: 0.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min  
Delta R.T.: -0.010 min  
Response: 519761  
Conc: 0.03 ng/ml