

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070922\  
 Data File : PD070788.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jul 2022 14:20  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 23:03:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070522.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 05 15:26:13 2022  
 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... | 3.486  | 4.124  | 49698807 | 511.2E6  | 20.358 | 19.769  |
| 28)                         | SA Decachlor... | 8.262  | 9.313  | 44305289 | 166.6E6  | 17.868 | 20.248  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.926  | 4.531  | 1595939  | 4826267  | 0.454  | 0.131 # |
| 3)                          | MA gamma-BHC... | 4.212  | 4.822  | 1989192  | 1898281  | 0.585  | 0.058 # |
| 4)                          | MA Heptachlor   | 4.514  | 5.336  | 382290   | 1668491  | 0.113  | 0.054 # |
| 5)                          | MB Aldrin       | 4.767  | 5.660  | 1474850  | 2492709  | 0.447  | 0.088 # |
| 7)                          | B delta-BHC     | 0.000  | 5.218  | 0        | 1006133  | N.D.   | 0.035 # |
| 8)                          | B Heptachlo...  | 5.208  | 6.035  | 436837   | 49397205 | 0.145  | 2.171 # |
| 9)                          | A Endosulfan I  | 5.552  | 6.403  | 472313   | 8896573  | 0.169  | 0.434 # |
| 10)                         | B gamma-Chl...  | 5.437  | 6.280  | 1554125  | 16002256 | 0.501  | 0.702 # |
| 11)                         | B alpha-Chl...  | 5.493  | 6.348  | 1334111  | 16430504 | 0.439  | 0.746 # |
| 12)                         | B 4,4'-DDE      | 5.667  | 6.508  | 513040   | 3623643  | 0.176  | 0.177   |
| 13)                         | MA Dieldrin     | 5.792  | 6.666  | 237699   | 7324477  | 0.079  | 0.361 # |
| 14)                         | MA Endrin       | 6.058  | 6.906  | 762937   | 5998159  | 0.284  | 0.390 # |
| 15)                         | B Endosulfa...  | 0.000  | 7.086f | 0        | 2511836  | N.D.   | 0.171 # |
| 16)                         | A 4,4'-DDD      | 6.174  | 0.000  | 187385   | 0        | 0.077  | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.417  | 7.307  | 332479   | 910071   | 0.133  | 0.060 # |
| 18)                         | B Endrin al...  | 0.000  | 7.230  | 0        | 470287   | N.D.   | 0.041 # |
| 19)                         | B Endosulfa...  | 6.706  | 7.442  | 291199   | 222905   | 0.120  | 0.016 # |
| 20)                         | A Methoxychlor  | 7.001f | 0.000  | 177571   | 0        | 0.124  | N.D. #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.939  | 0        | 4366028  | N.D.   | 0.340 # |
| 22)                         | Mirex           | 7.411f | 8.405f | 424968   | 2141073  | 0.194  | 0.268 # |
| 23)                         | Chlordane-1     | 4.390f | 0.000  | 3650096  | 0        | 43.227 | N.D. #  |
| 25)                         | Chlordane-3     | 5.437  | 6.280  | 1554125  | 16002256 | 5.566  | 5.345   |
| 26)                         | Chlordane-4     | 5.493  | 6.348  | 1334111  | 16430504 | 5.780  | 4.739   |
| 27)                         | Chlordane-5     | 0.000  | 7.165  | 0        | 1278228  | N.D.   | 2.328 # |
| -----                       |                 |        |        |          |          |        |         |

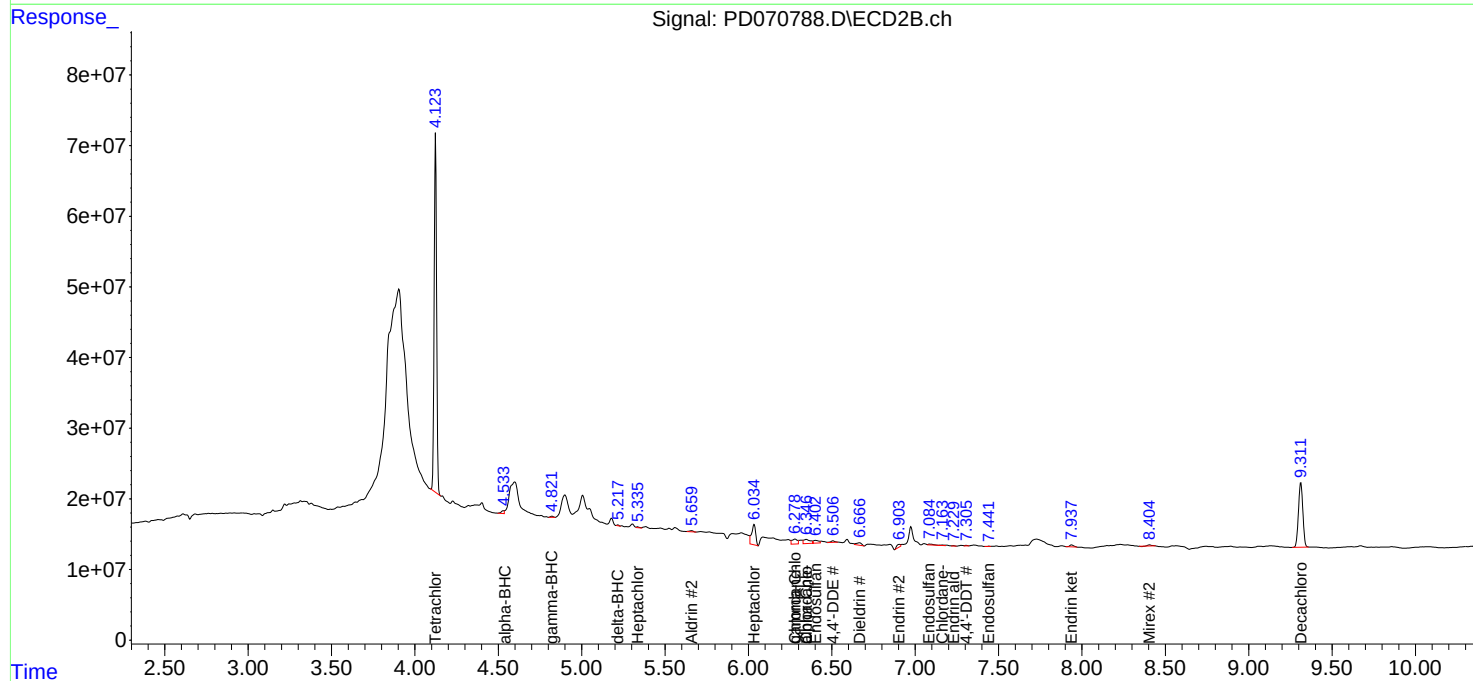
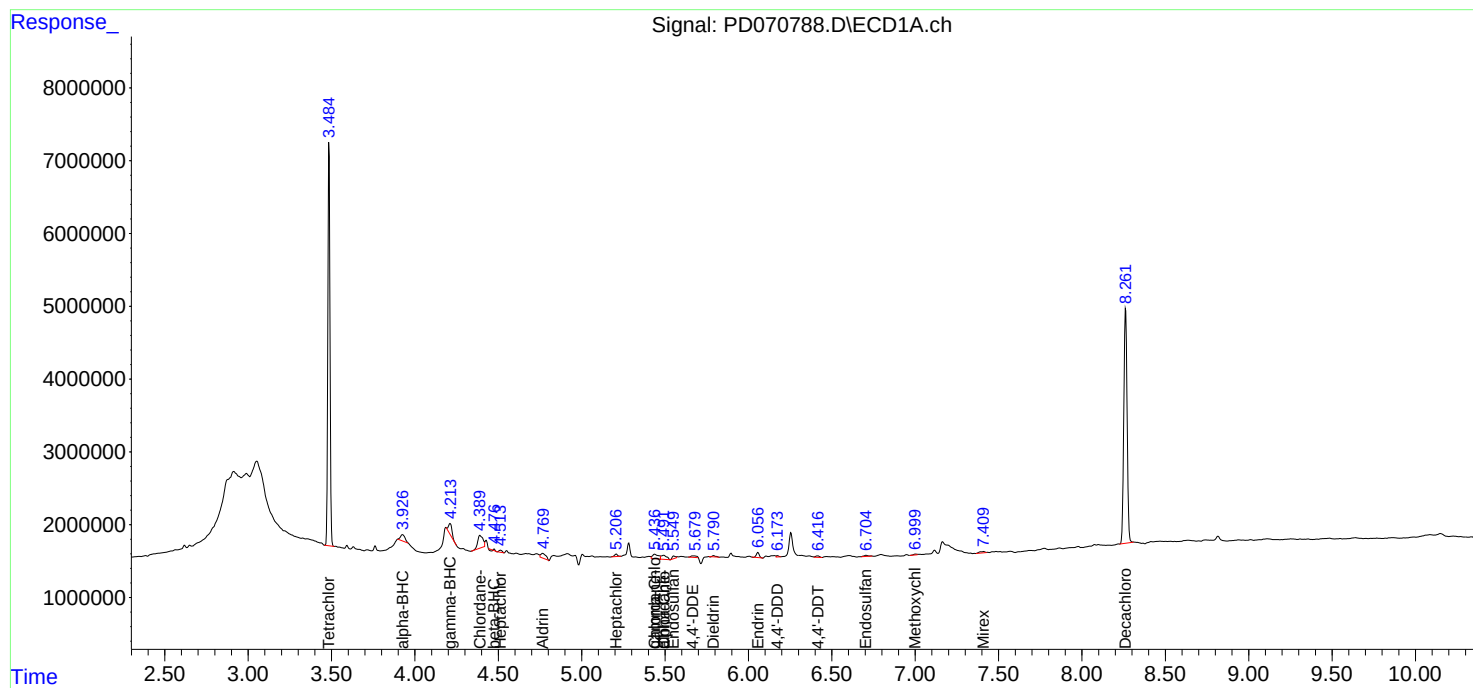
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

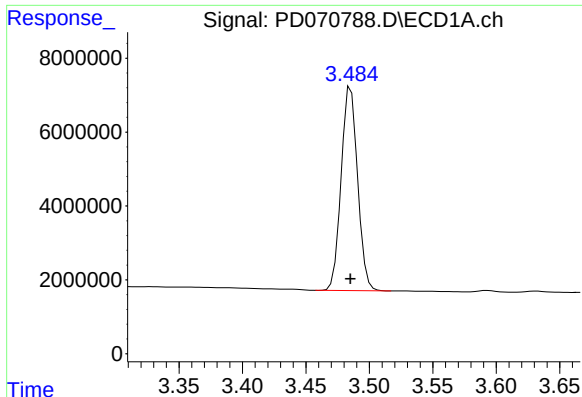
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070922\  
Data File : PD070788.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jul 2022 14:20  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 23:03:20 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070522.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 05 15:26:13 2022  
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

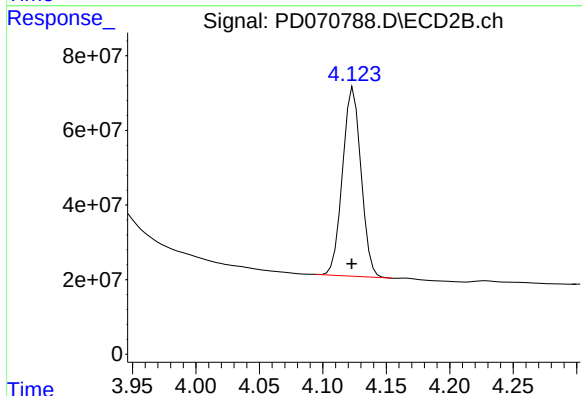




#1 Tetrachloro-m-xylene

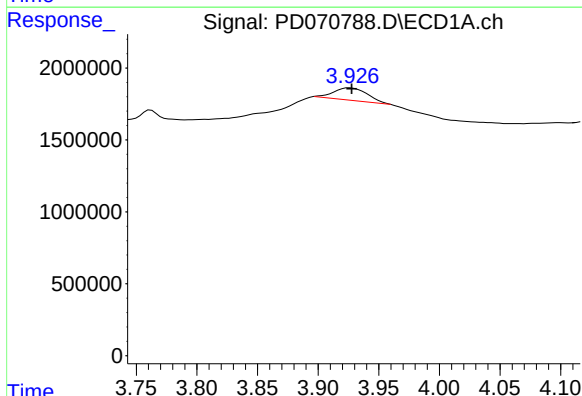
R.T.: 3.486 min  
Delta R.T.: 0.000 min  
Response: 49698807  
Conc: 20.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



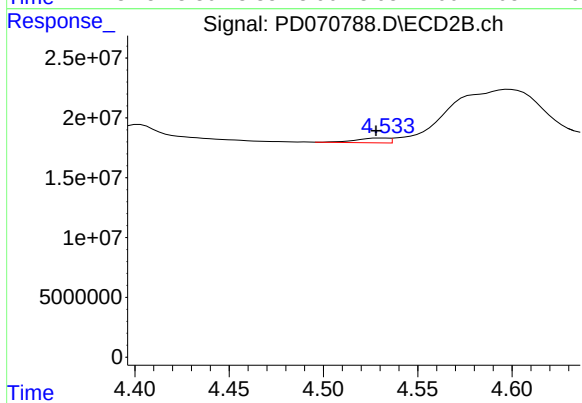
#1 Tetrachloro-m-xylene

R.T.: 4.124 min  
Delta R.T.: 0.001 min  
Response: 511245767  
Conc: 19.77 ng/ml



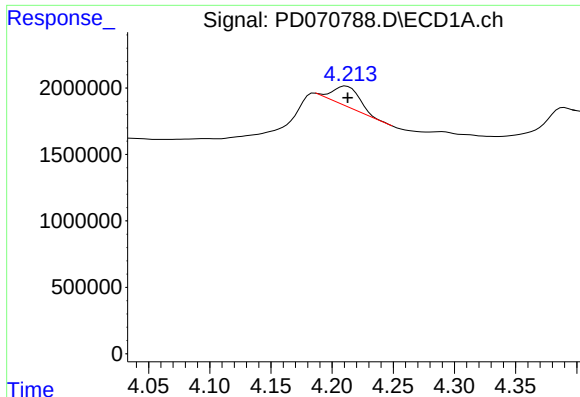
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: -0.002 min  
Response: 1595939  
Conc: 0.45 ng/ml



#2 alpha-BHC

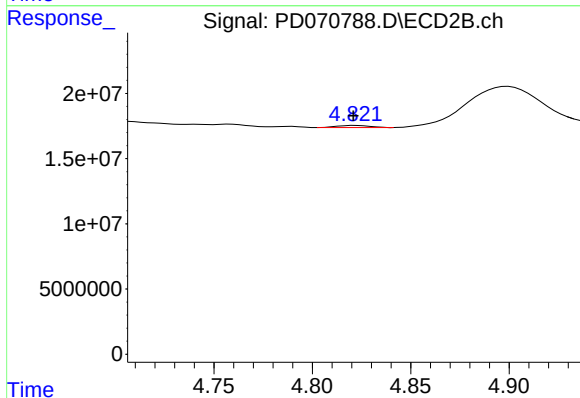
R.T.: 4.531 min  
Delta R.T.: 0.003 min  
Response: 4826267  
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

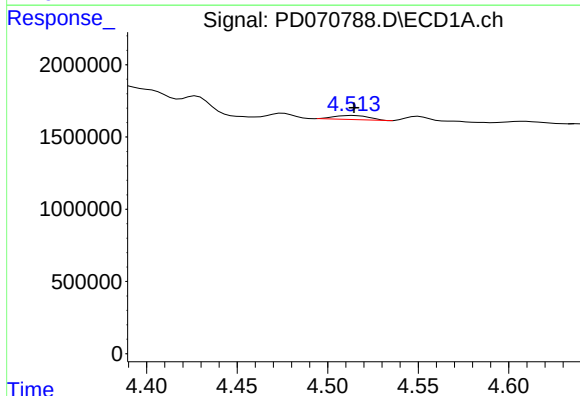
R.T.: 4.212 min  
Delta R.T.: -0.001 min  
Response: 1989192  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



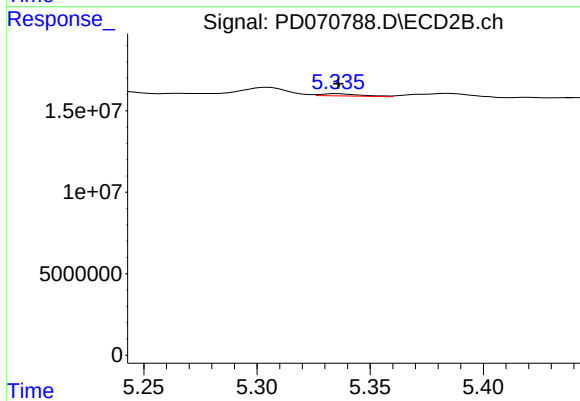
#3 gamma-BHC (Lindane)

R.T.: 4.822 min  
Delta R.T.: 0.001 min  
Response: 1898281  
Conc: 0.06 ng/ml



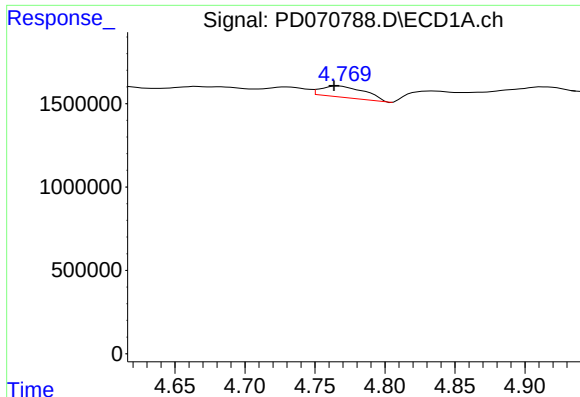
#4 Heptachlor

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 382290  
Conc: 0.11 ng/ml



#4 Heptachlor

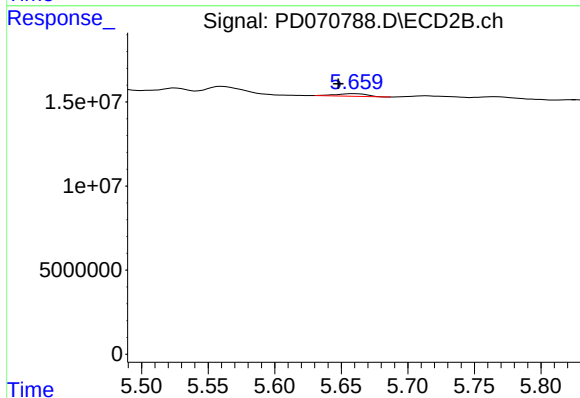
R.T.: 5.336 min  
Delta R.T.: 0.000 min  
Response: 1668491  
Conc: 0.05 ng/ml



#5 Aldrin

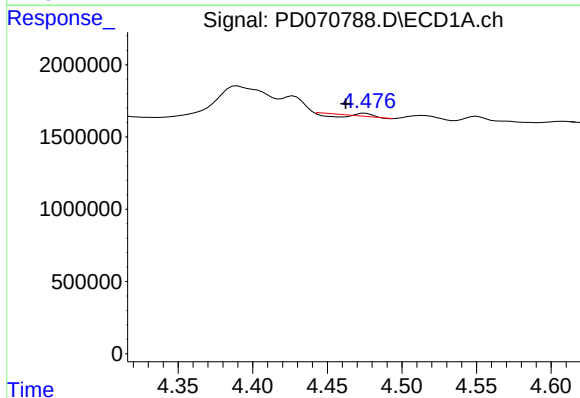
R.T.: 4.767 min  
Delta R.T.: 0.003 min  
Response: 1474850  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



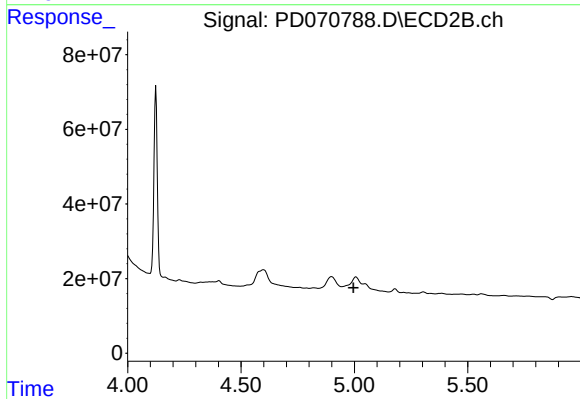
#5 Aldrin

R.T.: 5.660 min  
Delta R.T.: 0.012 min  
Response: 2492709  
Conc: 0.09 ng/ml



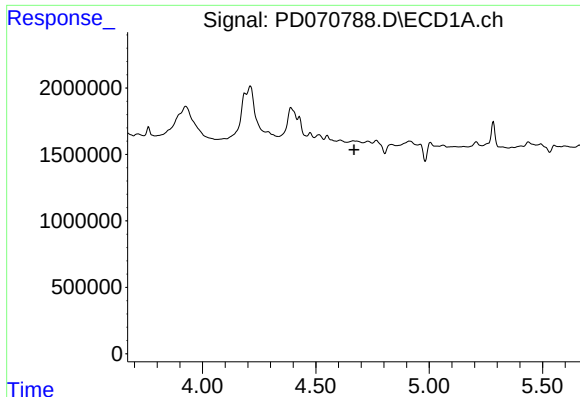
#6 beta-BHC

R.T.: 4.475 min  
Delta R.T.: 0.013 min  
Response: 45492  
Conc: 0.03 ng/ml



#6 beta-BHC

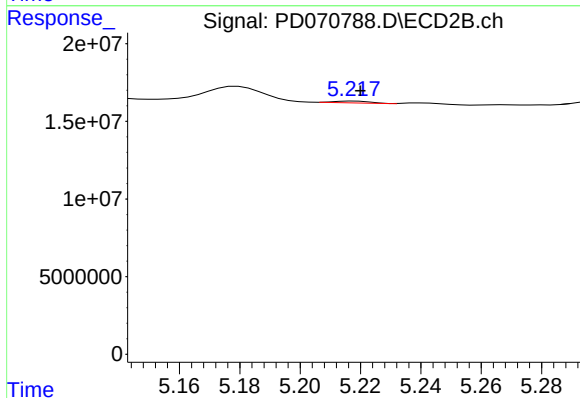
R.T.: 5.007 min  
Delta R.T.: 0.010 min  
Response: 37836831  
Conc: N.D.



#7 delta-BHC

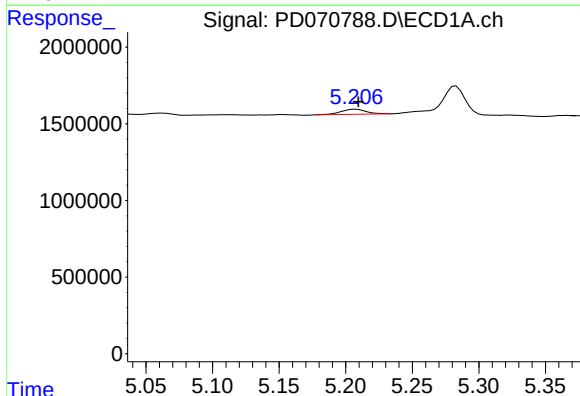
R.T.: 0.000 min  
Exp R.T.: 4.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



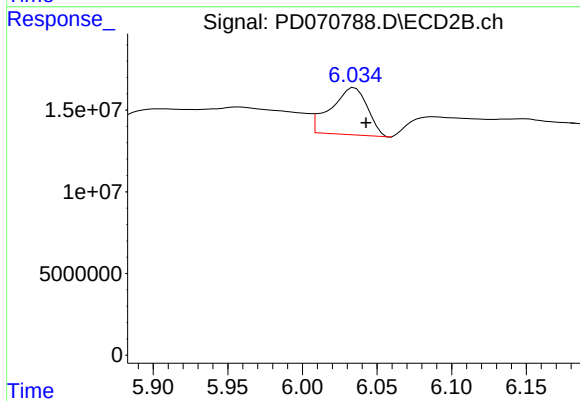
#7 delta-BHC

R.T.: 5.218 min  
Delta R.T.: -0.002 min  
Response: 1006133  
Conc: 0.04 ng/ml



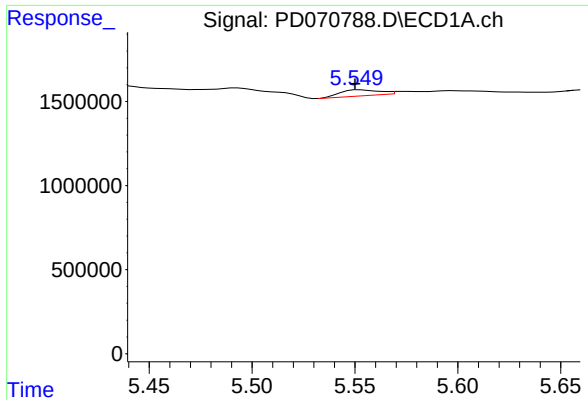
#8 Heptachlor epoxide

R.T.: 5.208 min  
Delta R.T.: -0.002 min  
Response: 436837  
Conc: 0.14 ng/ml



#8 Heptachlor epoxide

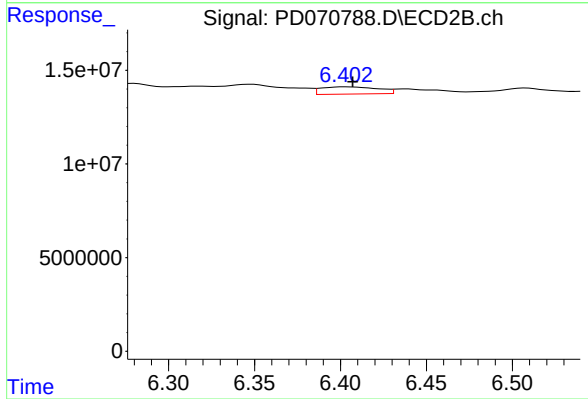
R.T.: 6.035 min  
Delta R.T.: -0.008 min  
Response: 49397205  
Conc: 2.17 ng/ml



#9 Endosulfan I

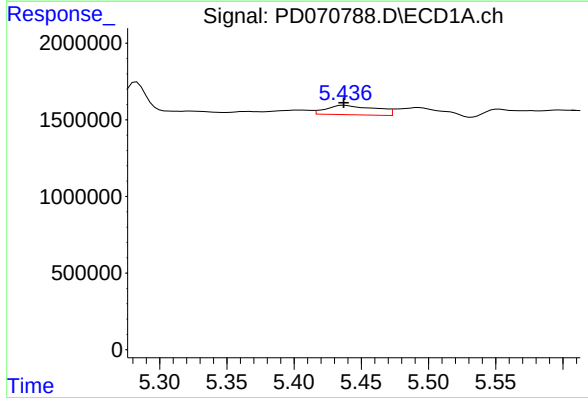
R.T.: 5.552 min  
Delta R.T.: 0.002 min  
Response: 472313  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



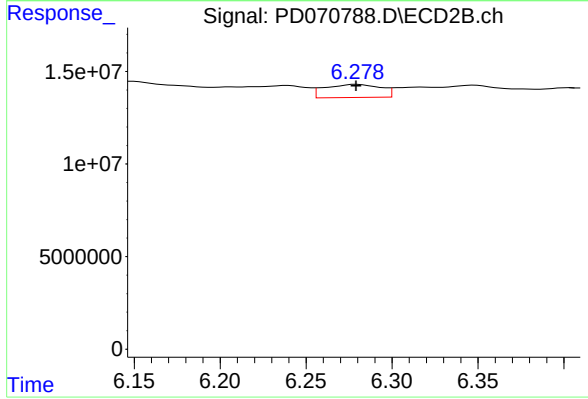
#9 Endosulfan I

R.T.: 6.403 min  
Delta R.T.: -0.004 min  
Response: 8896573  
Conc: 0.43 ng/ml



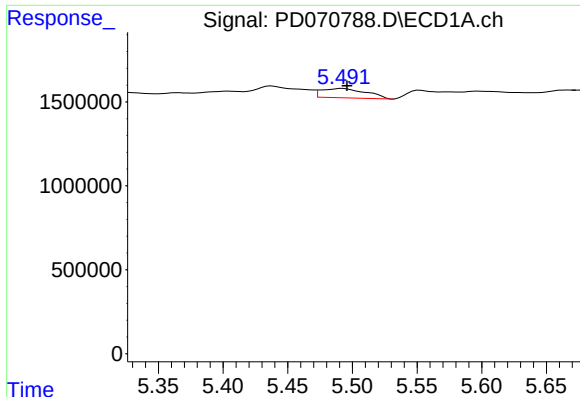
#10 gamma-Chlordane

R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 1554125  
Conc: 0.50 ng/ml



#10 gamma-Chlordane

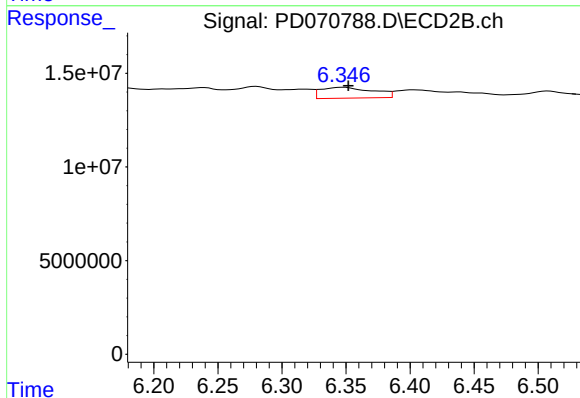
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 16002256  
Conc: 0.70 ng/ml



#11 alpha-Chlordane

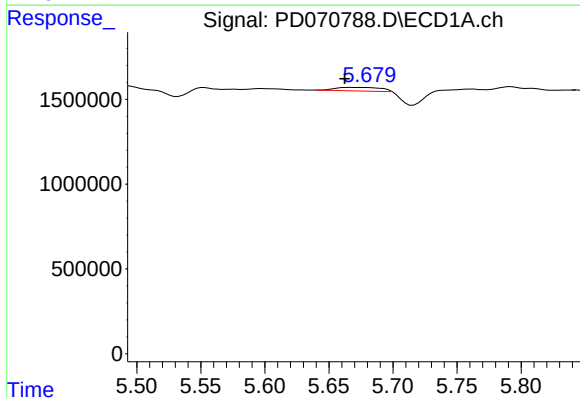
R.T.: 5.493 min  
Delta R.T.: -0.003 min  
Response: 1334111  
Conc: 0.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



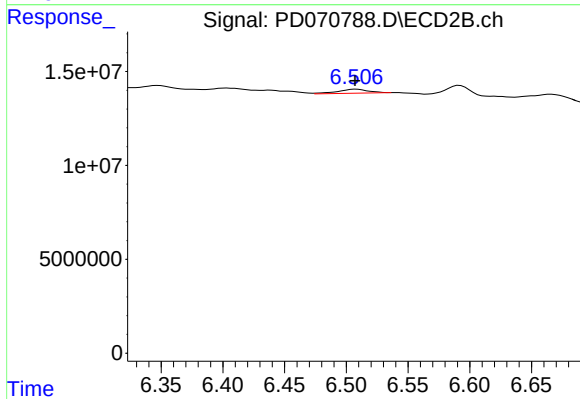
#11 alpha-Chlordane

R.T.: 6.348 min  
Delta R.T.: -0.004 min  
Response: 16430504  
Conc: 0.75 ng/ml



#12 4,4'-DDE

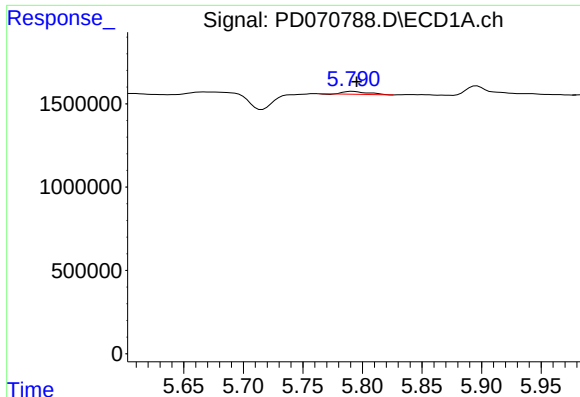
R.T.: 5.667 min  
Delta R.T.: 0.005 min  
Response: 513040  
Conc: 0.18 ng/ml



#12 4,4'-DDE

R.T.: 6.508 min  
Delta R.T.: 0.001 min  
Response: 3623643  
Conc: 0.18 ng/ml

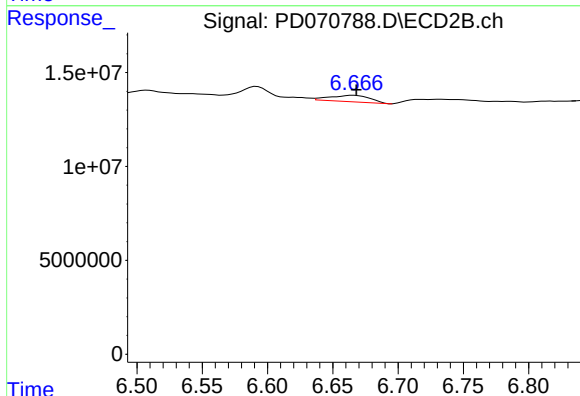




#13 Dieldrin

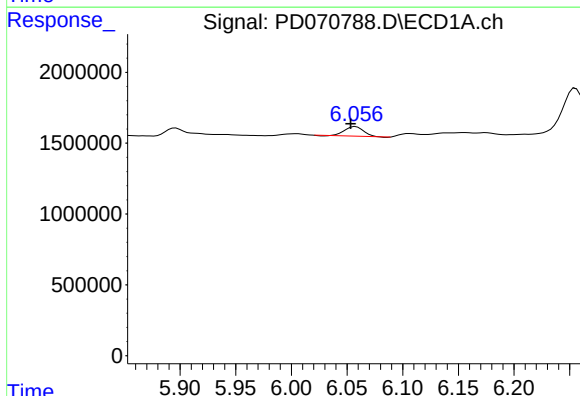
R.T.: 5.792 min  
Delta R.T.: -0.003 min  
Response: 237699  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



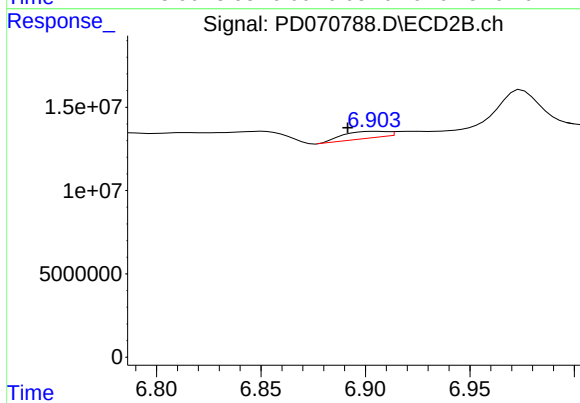
#13 Dieldrin

R.T.: 6.666 min  
Delta R.T.: -0.002 min  
Response: 7324477  
Conc: 0.36 ng/ml



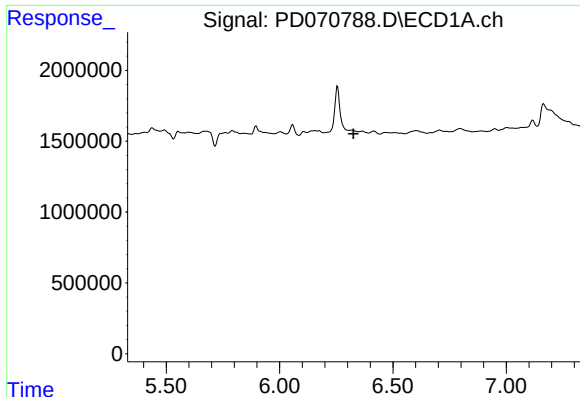
#14 Endrin

R.T.: 6.058 min  
Delta R.T.: 0.004 min  
Response: 762937  
Conc: 0.28 ng/ml



#14 Endrin

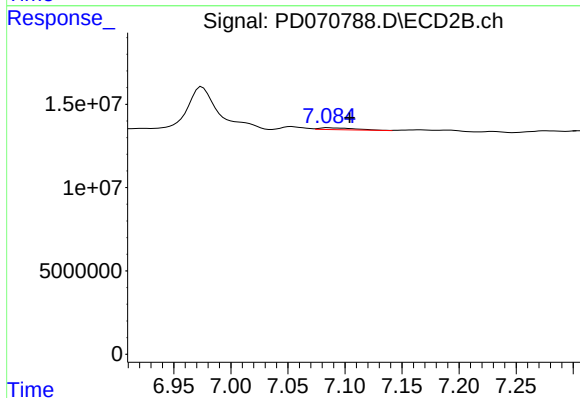
R.T.: 6.906 min  
Delta R.T.: 0.014 min  
Response: 5998159  
Conc: 0.39 ng/ml



#15 Endosulfan II

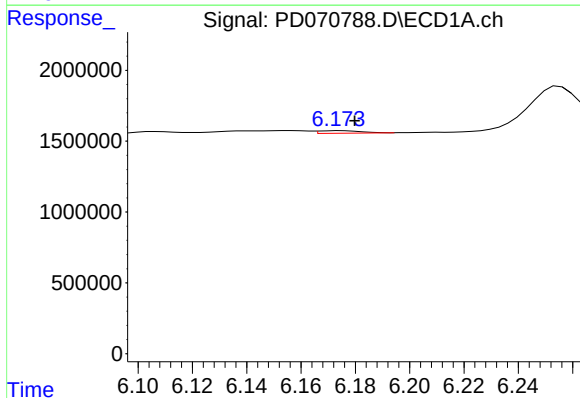
R.T.: 0.000 min  
Exp R.T.: 6.327 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



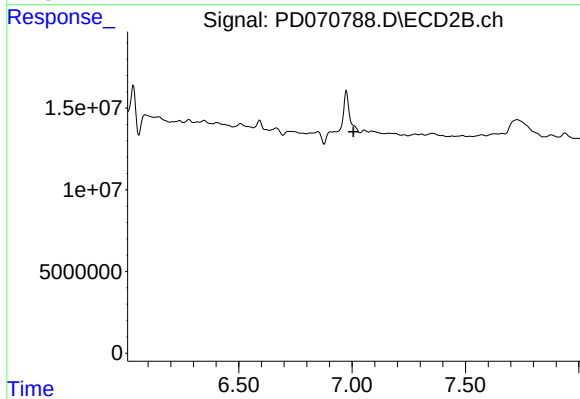
#15 Endosulfan II

R.T.: 7.086 min  
Delta R.T.: -0.018 min  
Response: 2511836  
Conc: 0.17 ng/ml



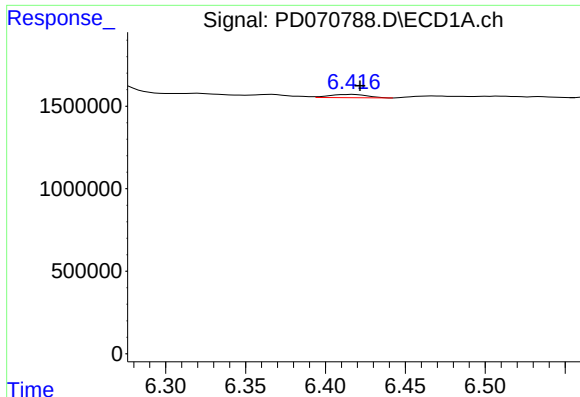
#16 4,4'-DDD

R.T.: 6.174 min  
Delta R.T.: -0.005 min  
Response: 187385  
Conc: 0.08 ng/ml



#16 4,4'-DDD

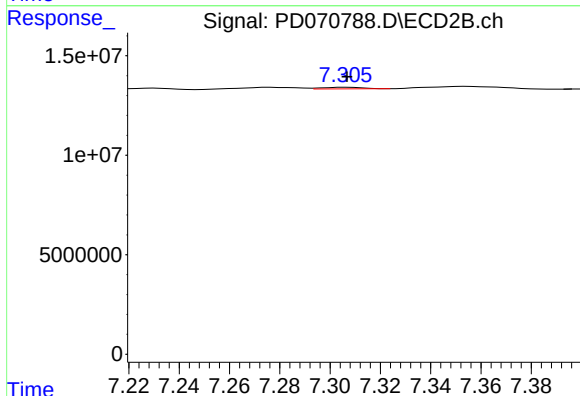
R.T.: 0.000 min  
Exp R.T.: 7.006 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

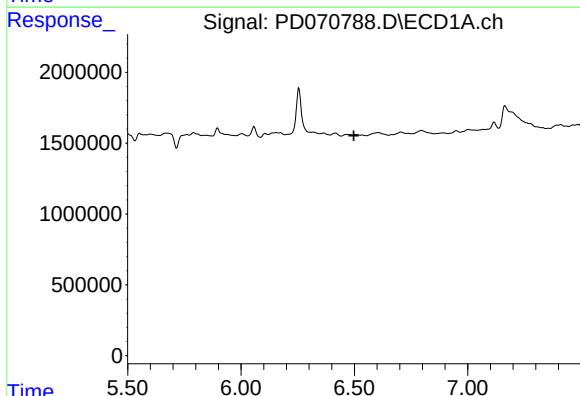
R.T.: 6.417 min  
Delta R.T.: -0.004 min  
Response: 332479  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



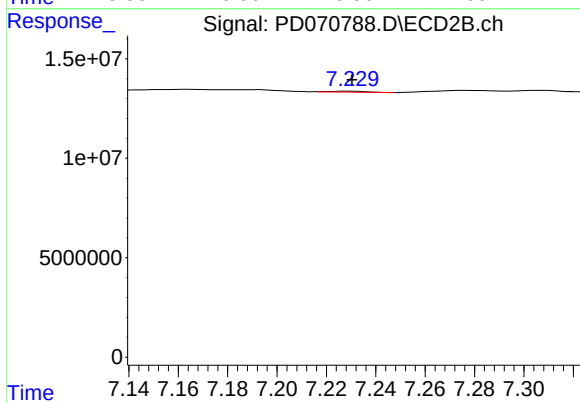
#17 4,4'-DDT

R.T.: 7.307 min  
Delta R.T.: 0.000 min  
Response: 910071  
Conc: 0.06 ng/ml



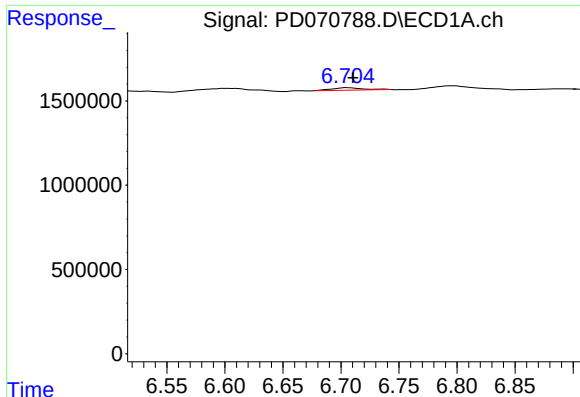
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.497 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

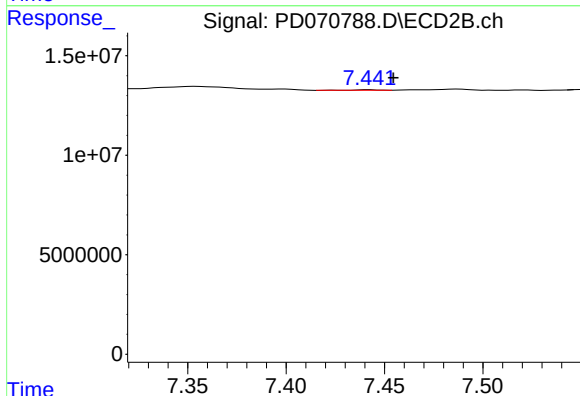
R.T.: 7.230 min  
Delta R.T.: 0.000 min  
Response: 470287  
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

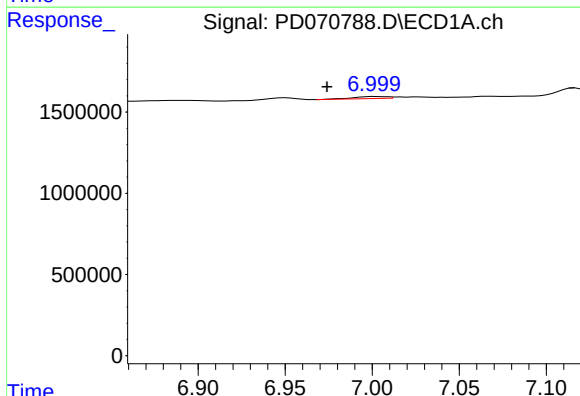
R.T.: 6.706 min  
Delta R.T.: -0.005 min  
Response: 291199  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



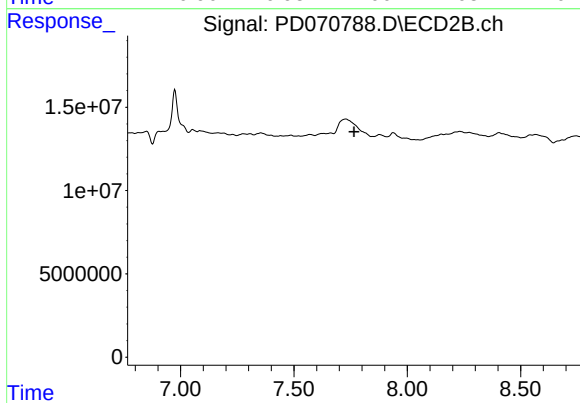
#19 Endosulfan Sulfate

R.T.: 7.442 min  
Delta R.T.: -0.012 min  
Response: 222905  
Conc: 0.02 ng/ml



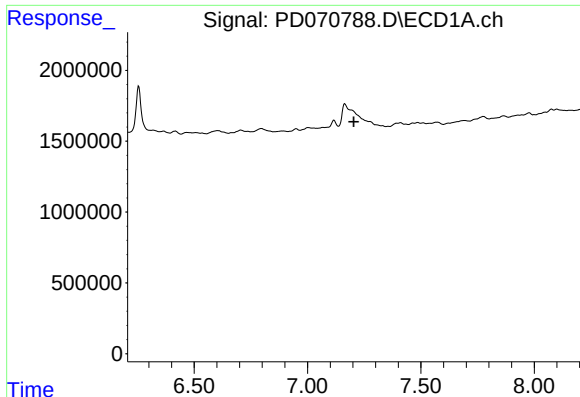
#20 Methoxychlor

R.T.: 7.001 min  
Delta R.T.: 0.027 min  
Response: 177571  
Conc: 0.12 ng/ml



#20 Methoxychlor

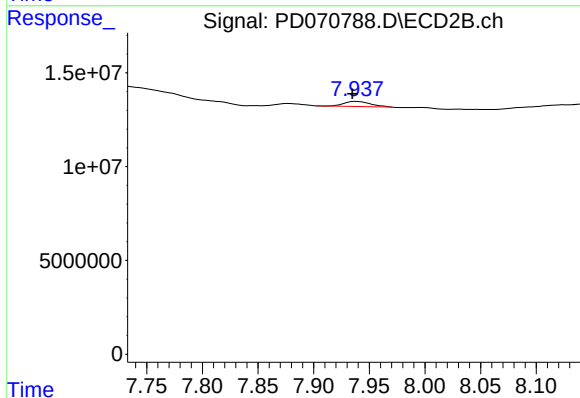
R.T.: 0.000 min  
Exp R.T. : 7.766 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

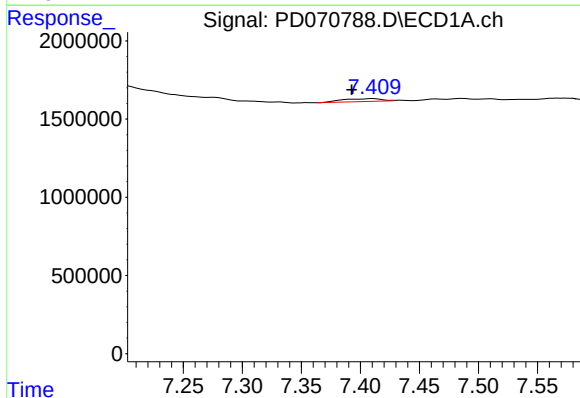
R.T.: 0.000 min  
Exp R.T.: 7.205 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



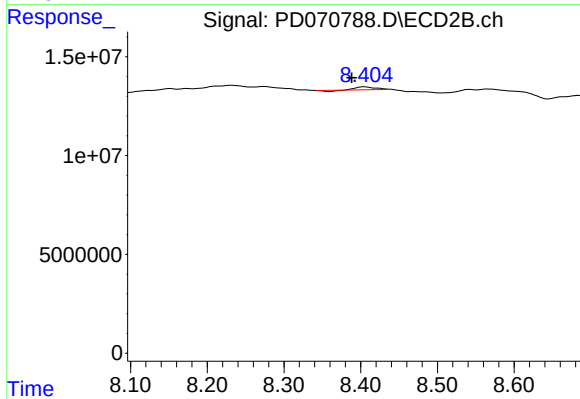
#21 Endrin ketone

R.T.: 7.939 min  
Delta R.T.: 0.004 min  
Response: 4366028  
Conc: 0.34 ng/ml



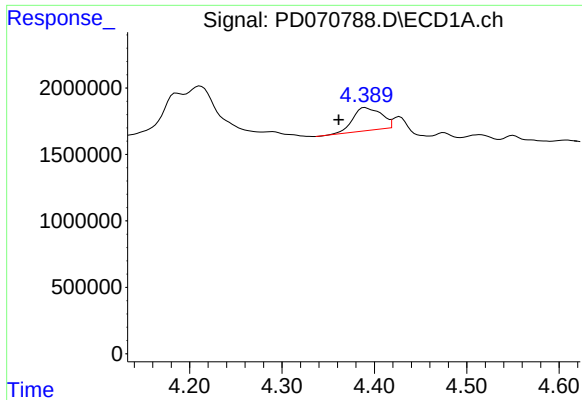
#22 Mirex

R.T.: 7.411 min  
Delta R.T.: 0.018 min  
Response: 424968  
Conc: 0.19 ng/ml



#22 Mirex

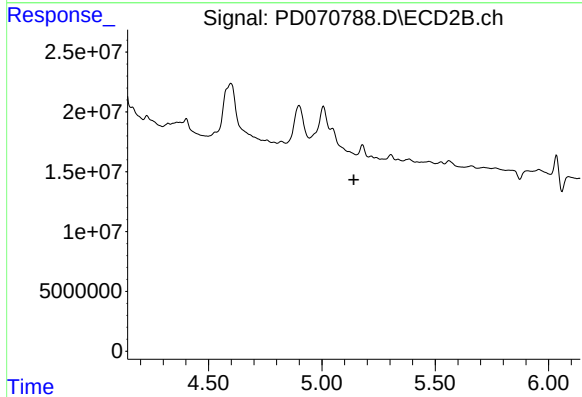
R.T.: 8.405 min  
Delta R.T.: 0.017 min  
Response: 2141073  
Conc: 0.27 ng/ml



#23 Chlordane-1

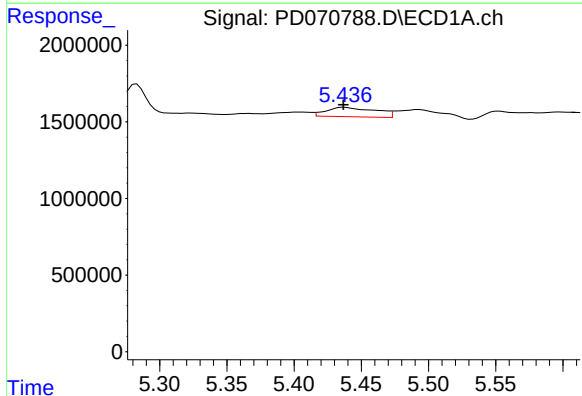
R.T.: 4.390 min  
Delta R.T.: 0.028 min  
Response: 3650096  
Conc: 43.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



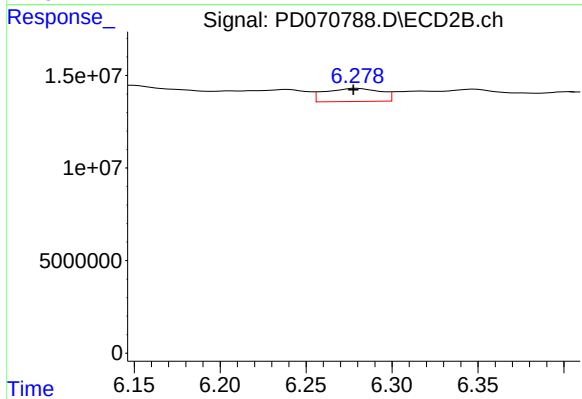
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.141 min  
Response: 0  
Conc: N.D.



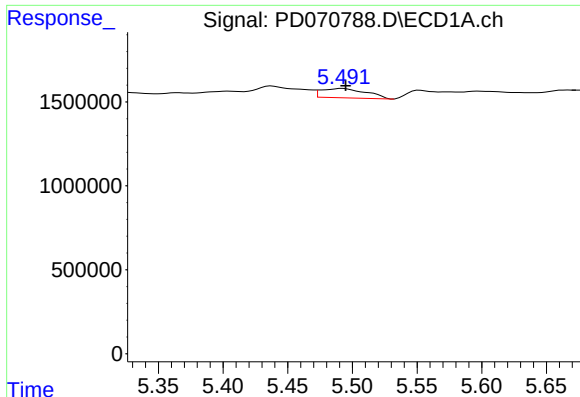
#25 Chlordane-3

R.T.: 5.437 min  
Delta R.T.: 0.000 min  
Response: 1554125  
Conc: 5.57 ng/ml



#25 Chlordane-3

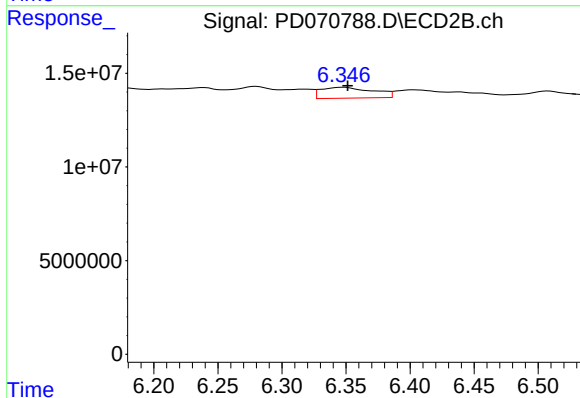
R.T.: 6.280 min  
Delta R.T.: 0.002 min  
Response: 16002256  
Conc: 5.34 ng/ml



#26 Chlordane-4

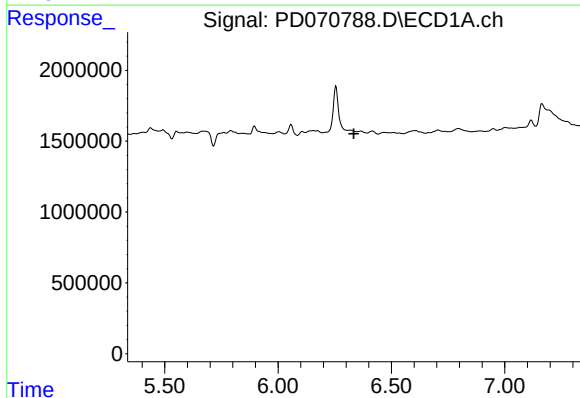
R.T.: 5.493 min  
Delta R.T.: -0.002 min  
Response: 1334111  
Conc: 5.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



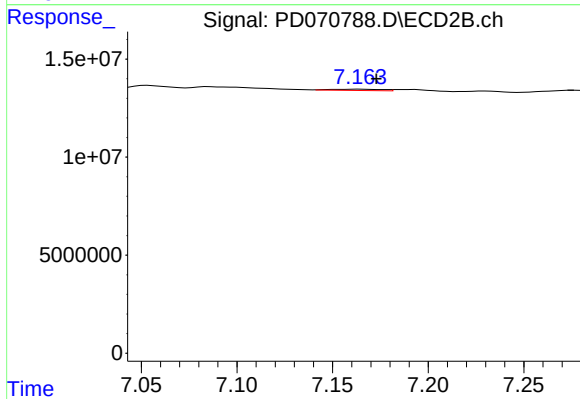
#26 Chlordane-4

R.T.: 6.348 min  
Delta R.T.: -0.003 min  
Response: 16430504  
Conc: 4.74 ng/ml



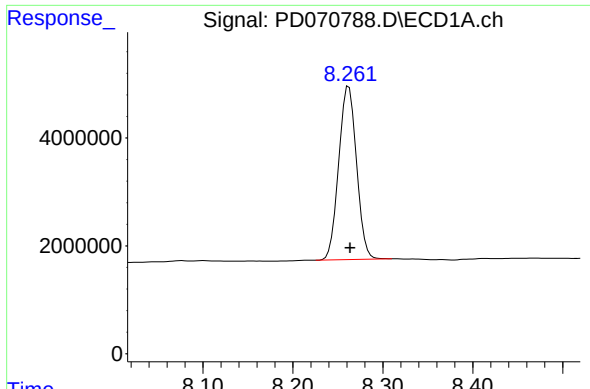
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.335 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

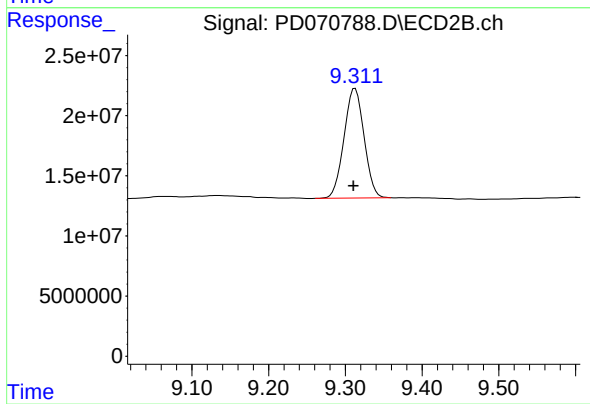
R.T.: 7.165 min  
Delta R.T.: -0.008 min  
Response: 1278228  
Conc: 2.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.262 min  
Delta R.T.: -0.002 min  
Response: 44305289  
Conc: 17.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.313 min  
Delta R.T.: 0.002 min  
Response: 166577999  
Conc: 20.25 ng/ml