

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
 Data File : PD076486.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2023 03:26  
 Operator : AR\AJ  
 Sample : 03555-03  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 05:20:10 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 05 05:21:22 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.544  | 2.764  | 25734799 | 13497283 | 7.855 | 8.497    |
| 28)                         | SA Decachlor... | 9.086  | 7.908  | 32133104 | 13646153 | 9.037 | 10.843   |
| Target Compounds            |                 |        |        |          |          |       |          |
| 2)                          | A alpha-BHC     | 3.999  | 3.262  | 234294   | 215487   | 0.040 | 0.089 #  |
| 4)                          | MA Heptachlor   | 0.000  | 3.950  | 0        | 302515   | N.D.  | 0.133 #  |
| 5)                          | MB Aldrin       | 5.252f | 4.231  | 281976   | 208203   | 0.053 | 0.094 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.899  | 0        | 19612    | N.D.  | 0.022 #  |
| 7)                          | B delta-BHC     | 4.771  | 4.131  | 1874099  | 130450   | 0.365 | 0.062 #  |
| 8)                          | B Heptachlo...  | 5.689  | 4.716  | 3725956  | 48451    | 0.773 | 0.024 #  |
| 9)                          | A Endosulfan I  | 6.065f | 0.000  | 371756   | 0        | 0.083 | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.972f | 4.946f | 3331577  | 2623330  | 0.685 | 1.317 #  |
| 11)                         | B alpha-Chl...  | 6.034  | 5.023  | 1954852  | 1558649  | 0.407 | 0.784 #  |
| 12)                         | B 4,4'-DDE      | 6.203  | 5.221  | 10460858 | 3392329  | 2.464 | 2.207    |
| 13)                         | MA Dieldrin     | 6.355  | 5.355  | 559570   | 3089965  | 0.120 | 1.569 #  |
| 14)                         | MA Endrin       | 6.586  | 5.637  | 3901284  | -528856  | 0.980 | N.D. #   |
| 15)                         | B Endosulfa...  | 0.000  | 5.912  | 0        | 846243   | N.D.  | 0.545 #  |
| 16)                         | A 4,4'-DDD      | 6.731  | 5.777  | 5055030  | 343326   | 1.505 | 0.284 #  |
| 17)                         | MA 4,4'-DDT     | 7.038  | 6.026  | 11727340 | 8259454  | 3.335 | 6.824 #  |
| 18)                         | B Endrin al...  | 6.949  | 6.121f | 185592   | 436807   | 0.068 | 0.382 #  |
| 19)                         | B Endosulfa...  | 7.152f | 6.323  | 425792   | 675270   | 0.115 | 0.444 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.579f | 0        | 110548   | N.D.  | 0.173 #  |
| 21)                         | B Endrin ke...  | 7.689f | 6.825  | 527748   | 43039    | 0.126 | 0.025 #  |
| 22)                         | Mirex           | 0.000  | 7.007  | 0        | 44783    | N.D.  | 0.030 #  |
| 23)                         | Chlordane-1     | 0.000  | 3.760  | 0        | 121045   | N.D.  | 2.735 #  |
| 24)                         | Chlordane-2     | 5.252  | 4.343  | 281976   | 69891    | 2.202 | 1.438 #  |
| 25)                         | Chlordane-3     | 5.972f | 4.946f | 3331577  | 2623330  | 6.583 | 18.694 # |
| 26)                         | Chlordane-4     | 6.034  | 5.023  | 1954852  | 1558649  | 3.180 | 11.068 # |
| 27)                         | Chlordane-5     | 6.914f | 5.912f | -60803   | 846243   | N.D.  | 18.185   |
| -----                       |                 |        |        |          |          |       |          |

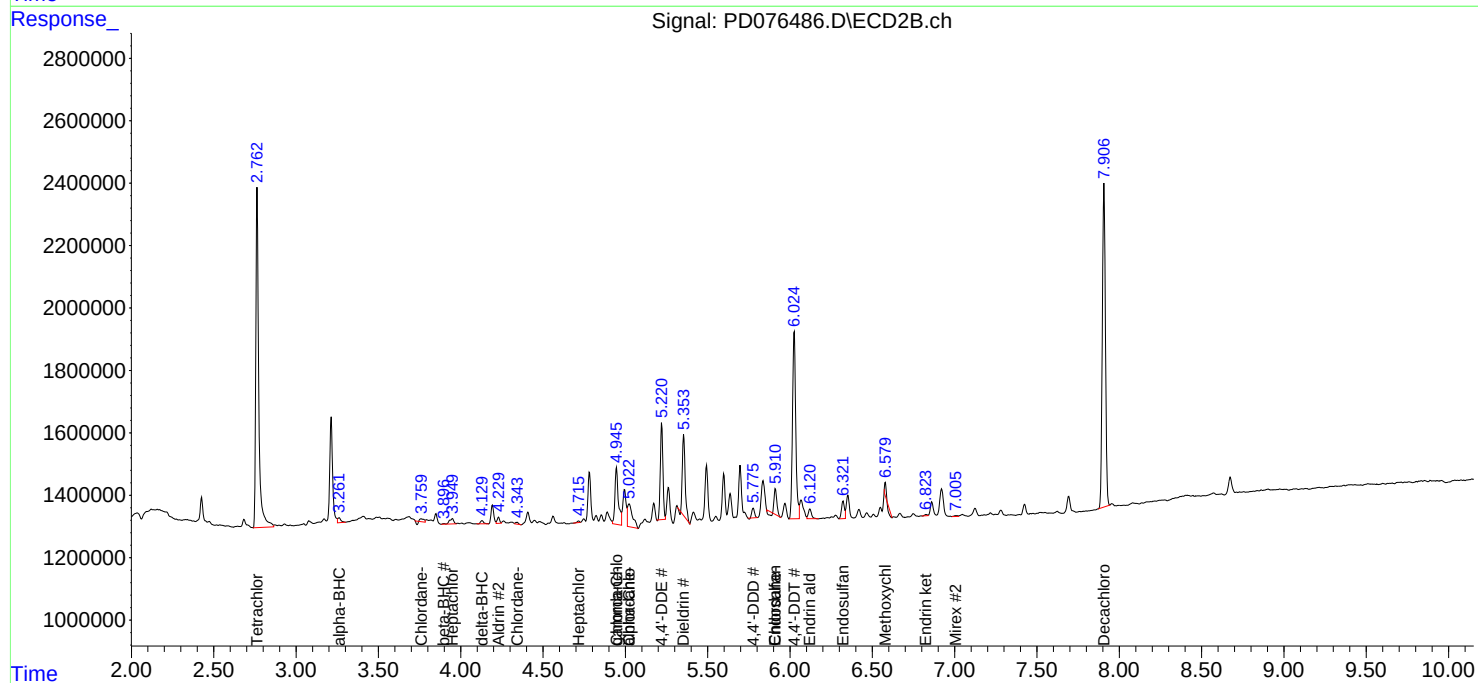
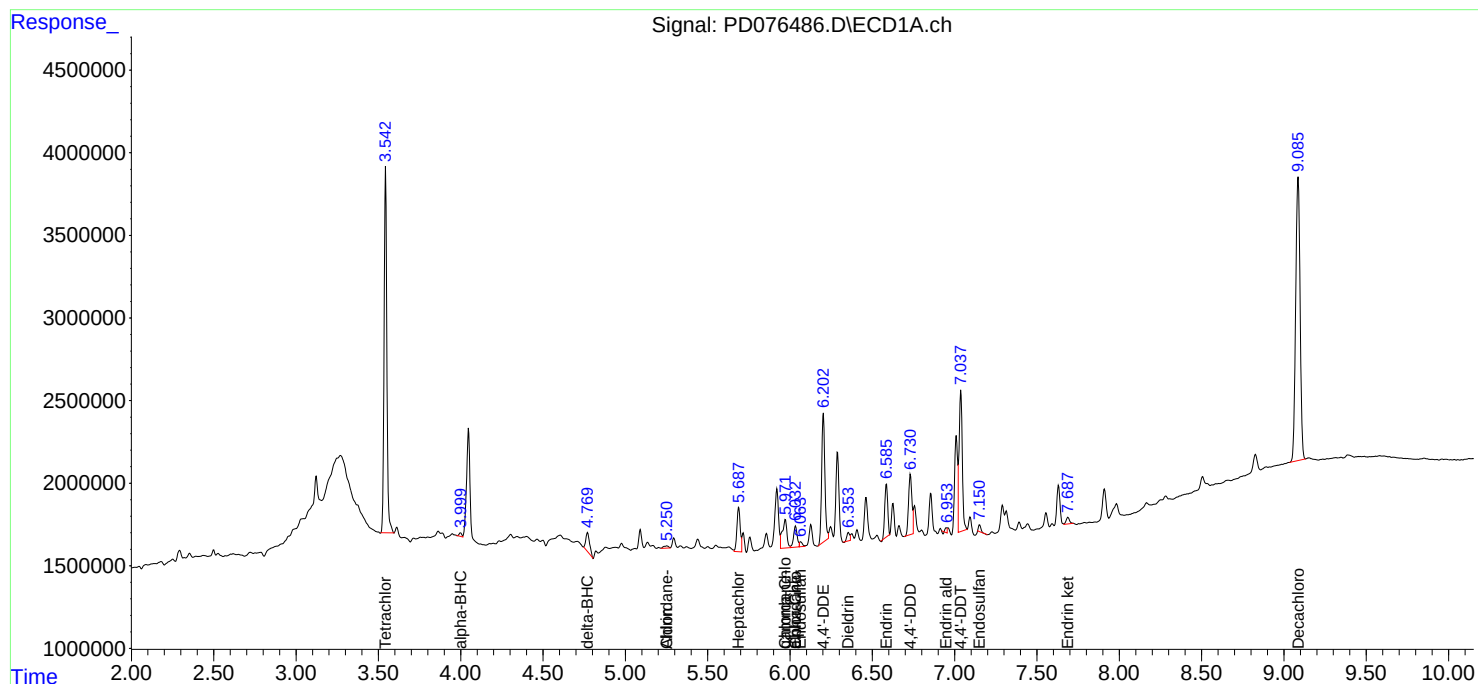
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

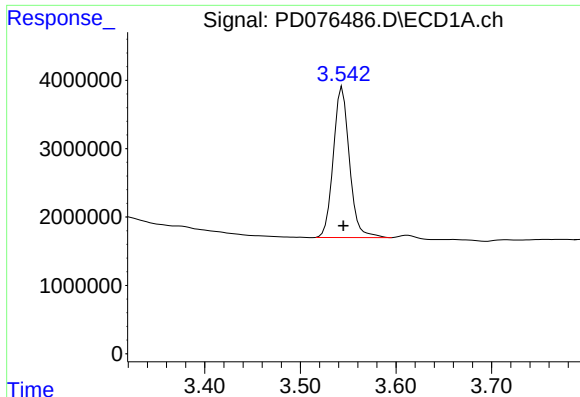
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071023\  
Data File : PD076486.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2023 03:26  
Operator : AR\AJ  
Sample : 03555-03  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 05:20:10 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070423.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 05 05:21:22 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

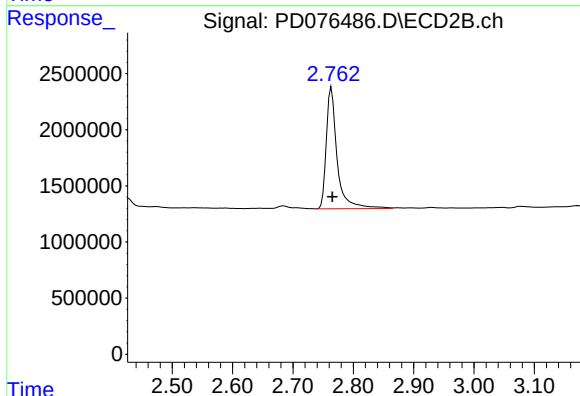




#1 Tetrachloro-m-xylene

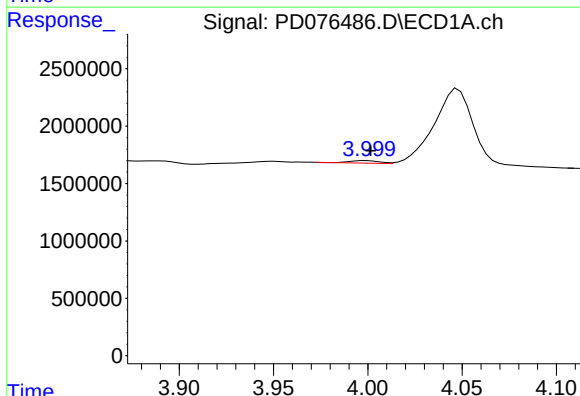
R.T.: 3.544 min  
Delta R.T.: -0.001 min  
Response: 25734799  
Conc: 7.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



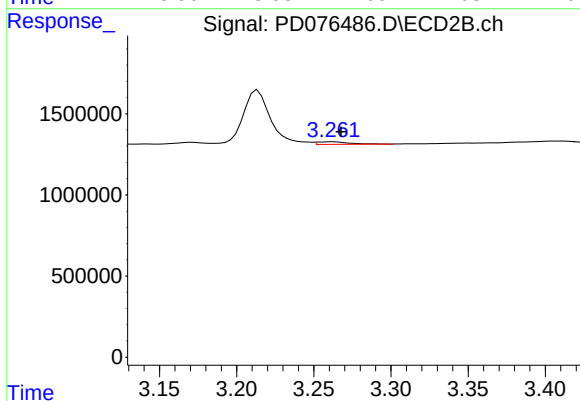
#1 Tetrachloro-m-xylene

R.T.: 2.764 min  
Delta R.T.: -0.001 min  
Response: 13497283  
Conc: 8.50 ng/ml



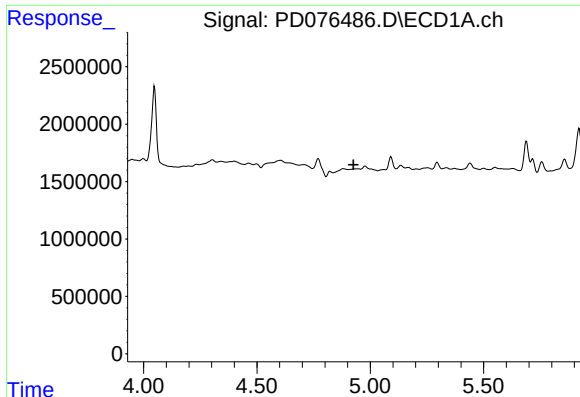
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: -0.002 min  
Response: 234294  
Conc: 0.04 ng/ml



#2 alpha-BHC

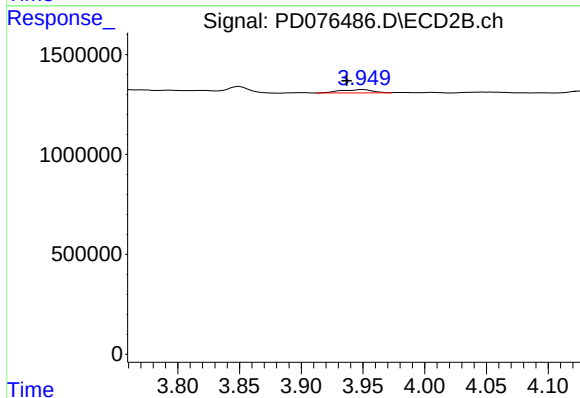
R.T.: 3.262 min  
Delta R.T.: -0.005 min  
Response: 215487  
Conc: 0.09 ng/ml



#4 Heptachlor

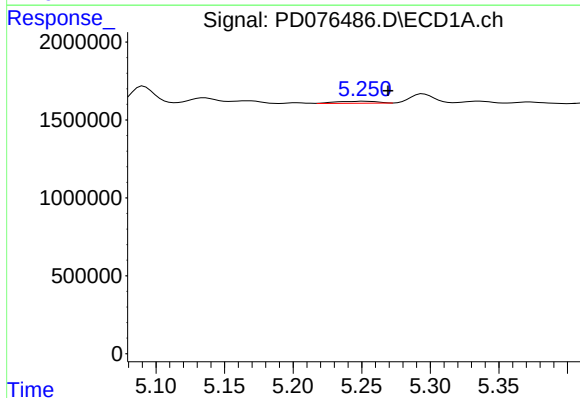
R.T.: 0.000 min  
Exp R.T.: 4.926 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



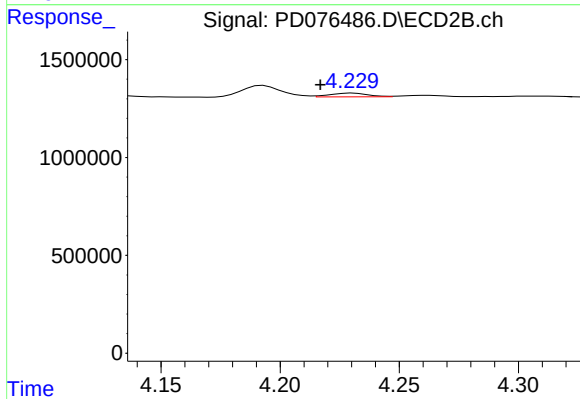
#4 Heptachlor

R.T.: 3.950 min  
Delta R.T.: 0.013 min  
Response: 302515  
Conc: 0.13 ng/ml



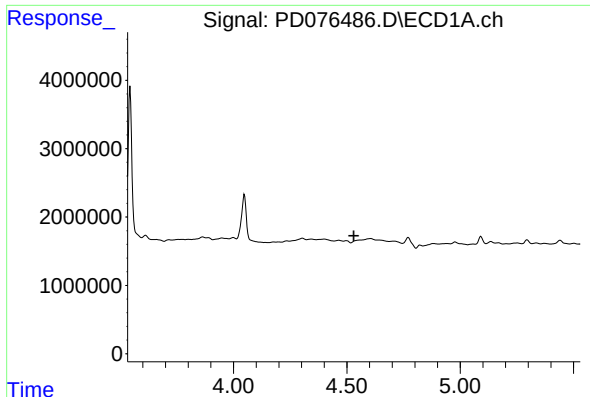
#5 Aldrin

R.T.: 5.252 min  
Delta R.T.: -0.018 min  
Response: 281976  
Conc: 0.05 ng/ml



#5 Aldrin

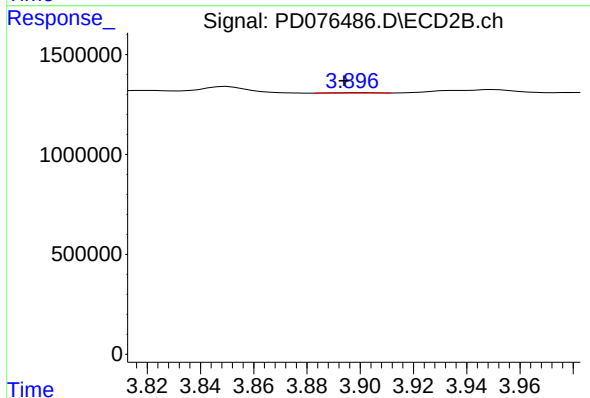
R.T.: 4.231 min  
Delta R.T.: 0.014 min  
Response: 208203  
Conc: 0.09 ng/ml



#6 beta-BHC

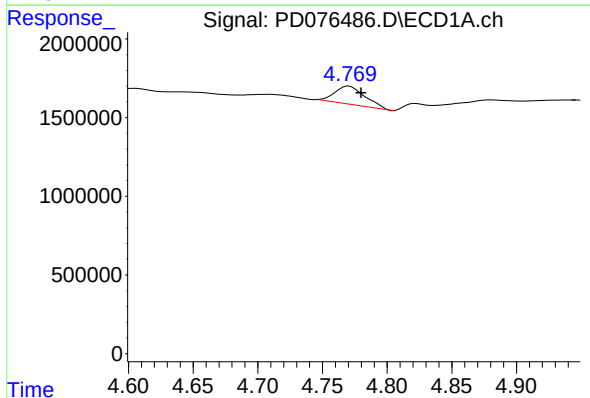
R.T.: 0.000 min  
Exp R.T.: 4.531 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



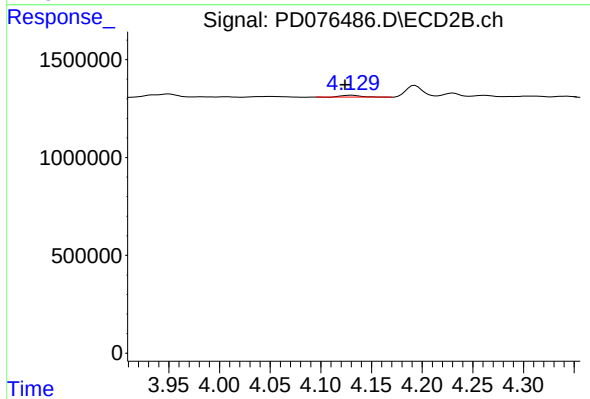
#6 beta-BHC

R.T.: 3.899 min  
Delta R.T.: 0.005 min  
Response: 19612  
Conc: 0.02 ng/ml



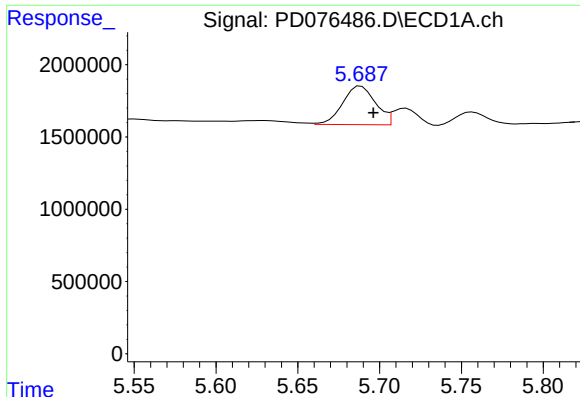
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: -0.009 min  
Response: 1874099  
Conc: 0.36 ng/ml



#7 delta-BHC

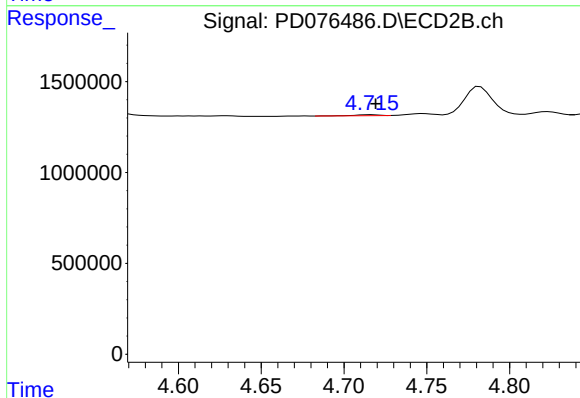
R.T.: 4.131 min  
Delta R.T.: 0.007 min  
Response: 130450  
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

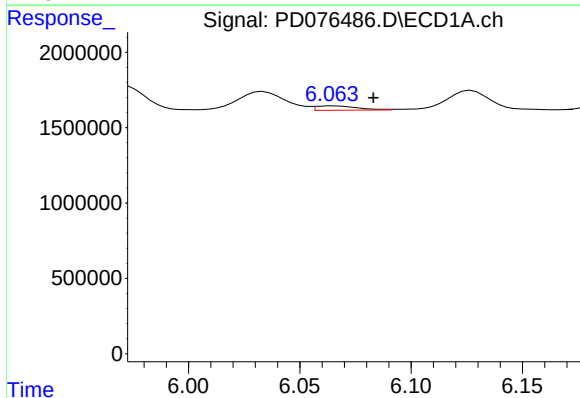
R.T.: 5.689 min  
Delta R.T.: -0.008 min  
Response: 3725956  
Conc: 0.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



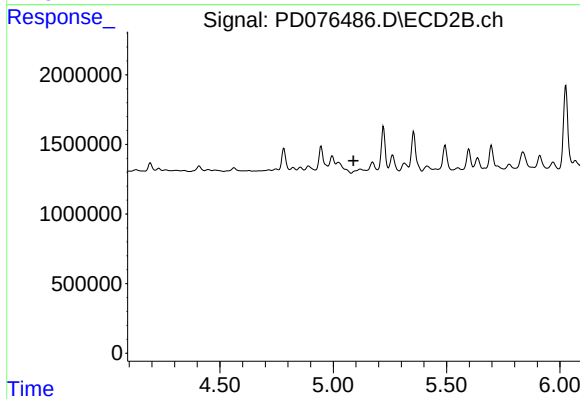
#8 Heptachlor epoxide

R.T.: 4.716 min  
Delta R.T.: -0.003 min  
Response: 48451  
Conc: 0.02 ng/ml



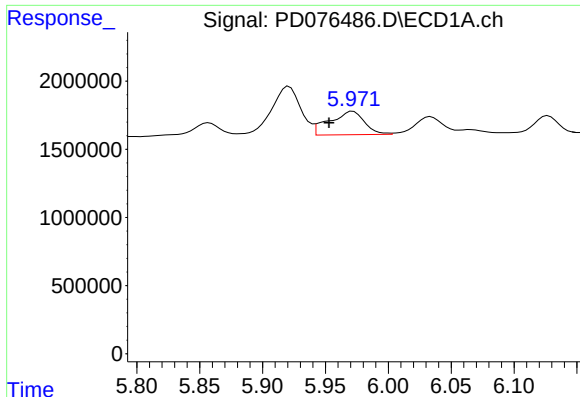
#9 Endosulfan I

R.T.: 6.065 min  
Delta R.T.: -0.018 min  
Response: 371756  
Conc: 0.08 ng/ml



#9 Endosulfan I

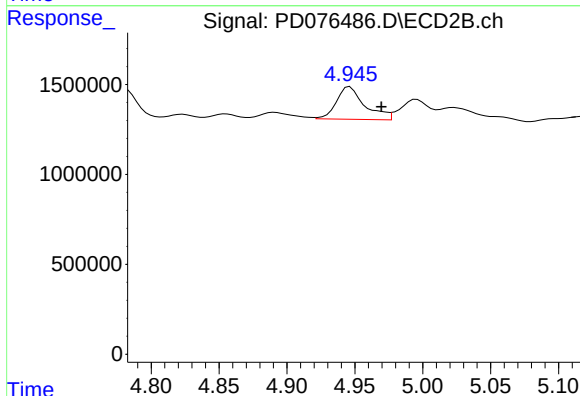
R.T.: 0.000 min  
Exp R.T. : 5.089 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

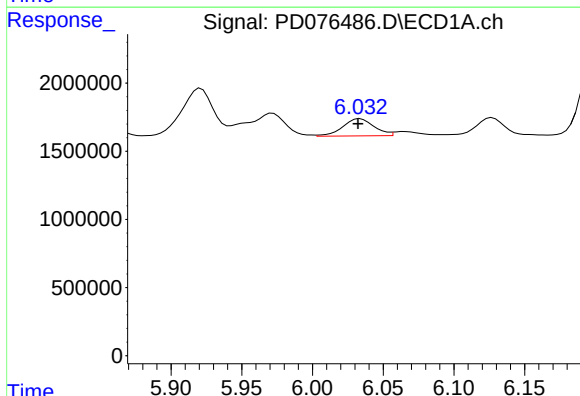
R.T.: 5.972 min  
Delta R.T.: 0.019 min  
Response: 3331577  
Conc: 0.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



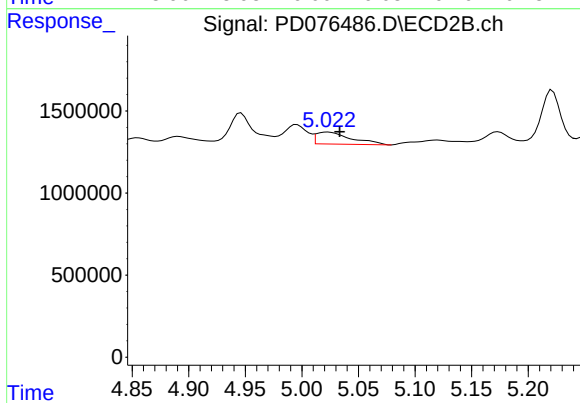
#10 gamma-Chlordane

R.T.: 4.946 min  
Delta R.T.: -0.023 min  
Response: 2623330  
Conc: 1.32 ng/ml



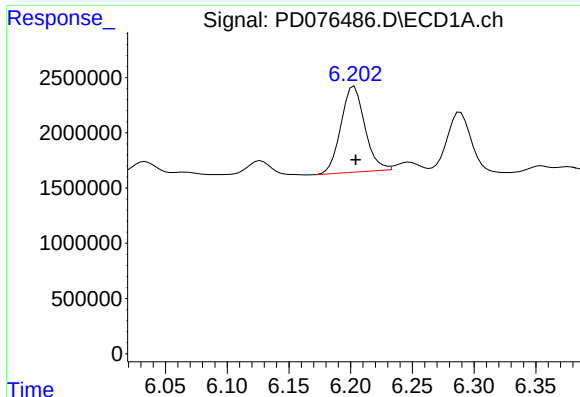
#11 alpha-Chlordane

R.T.: 6.034 min  
Delta R.T.: 0.002 min  
Response: 1954852  
Conc: 0.41 ng/ml



#11 alpha-Chlordane

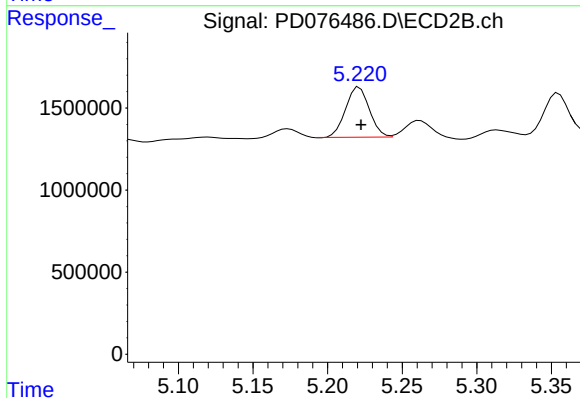
R.T.: 5.023 min  
Delta R.T.: -0.010 min  
Response: 1558649  
Conc: 0.78 ng/ml



#12 4,4'-DDE

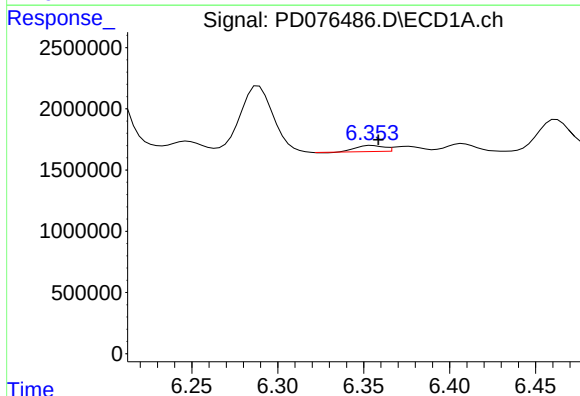
R.T.: 6.203 min  
Delta R.T.: -0.001 min  
Response: 10460858  
Conc: 2.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



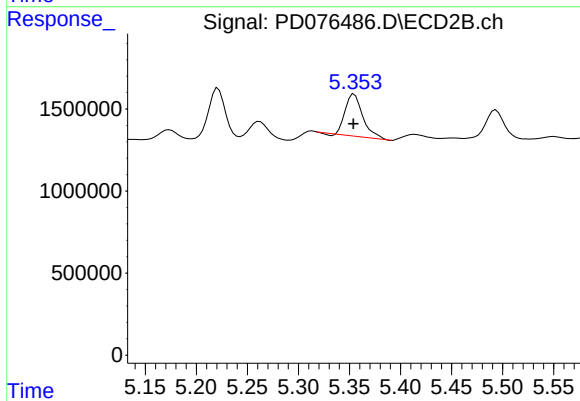
#12 4,4'-DDE

R.T.: 5.221 min  
Delta R.T.: -0.001 min  
Response: 3392329  
Conc: 2.21 ng/ml



#13 Dieldrin

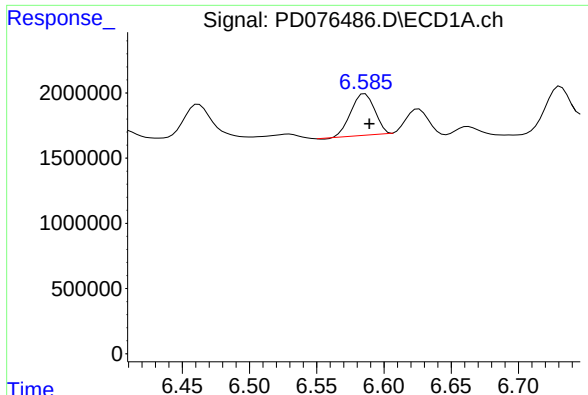
R.T.: 6.355 min  
Delta R.T.: -0.004 min  
Response: 559570  
Conc: 0.12 ng/ml



#13 Dieldrin

R.T.: 5.355 min  
Delta R.T.: 0.000 min  
Response: 3089965  
Conc: 1.57 ng/ml

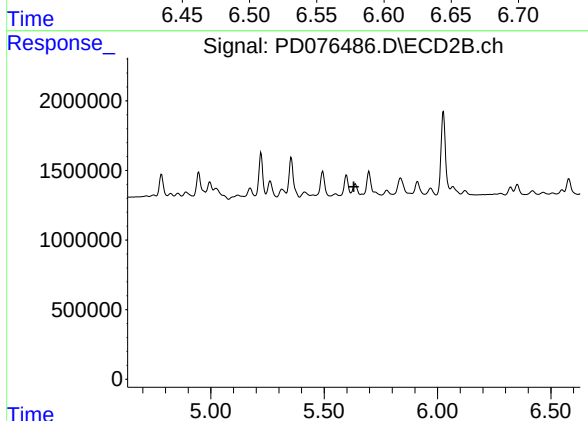




#14 Endrin

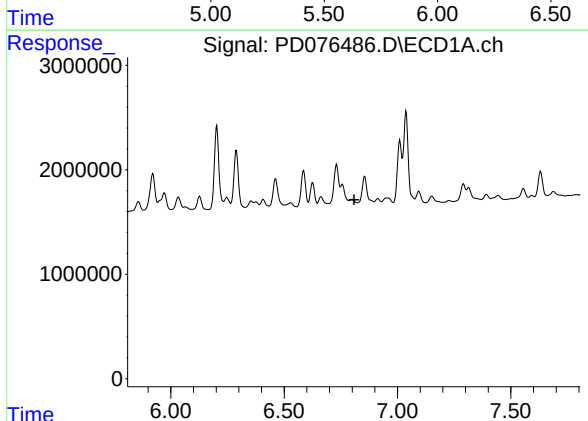
R.T.: 6.586 min  
Delta R.T.: -0.003 min  
Response: 3901284  
Conc: 0.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



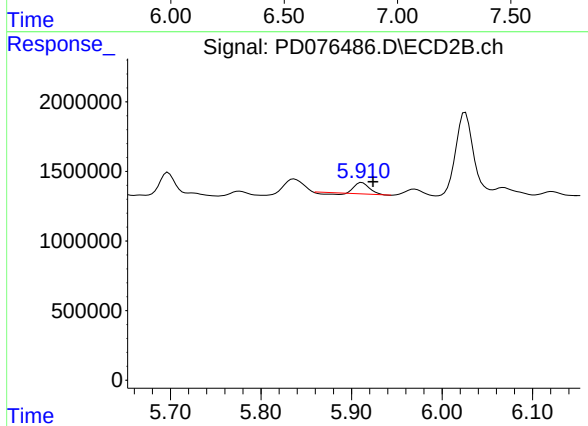
#14 Endrin

R.T.: 5.637 min  
Delta R.T.: 0.007 min  
Response: -528856  
Conc: N.D.



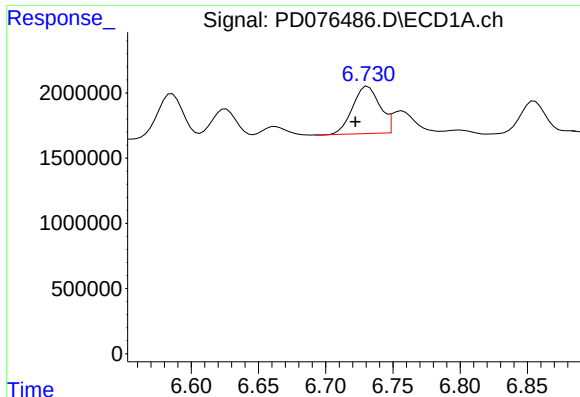
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.809 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

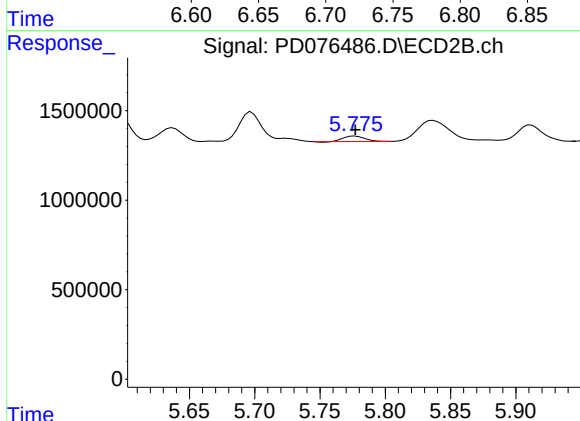
R.T.: 5.912 min  
Delta R.T.: -0.012 min  
Response: 846243  
Conc: 0.55 ng/ml



#16 4,4'-DDD

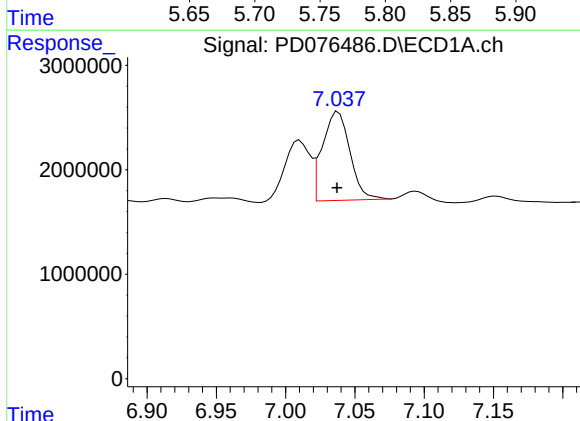
R.T.: 6.731 min  
Delta R.T.: 0.009 min  
Response: 5055030  
Conc: 1.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



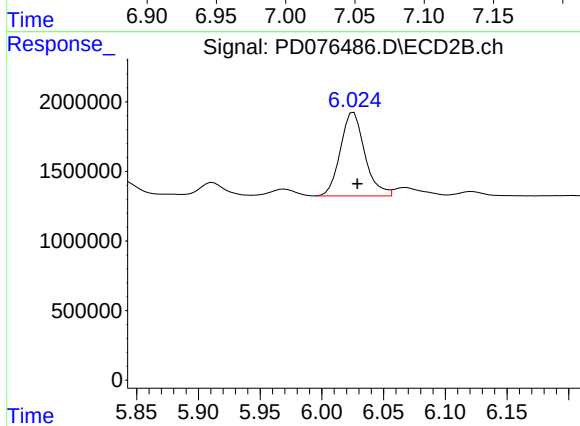
#16 4,4'-DDD

R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 343326  
Conc: 0.28 ng/ml



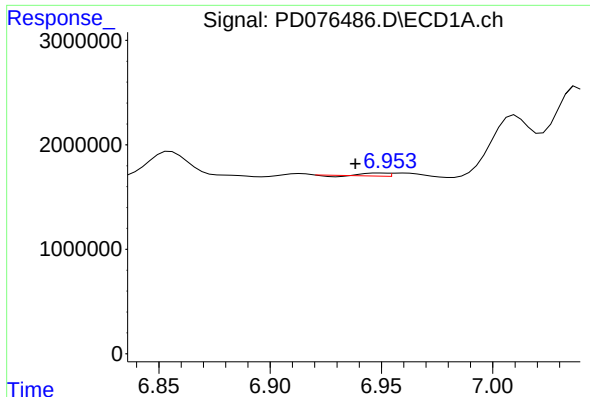
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: 0.000 min  
Response: 11727340  
Conc: 3.34 ng/ml



#17 4,4'-DDT

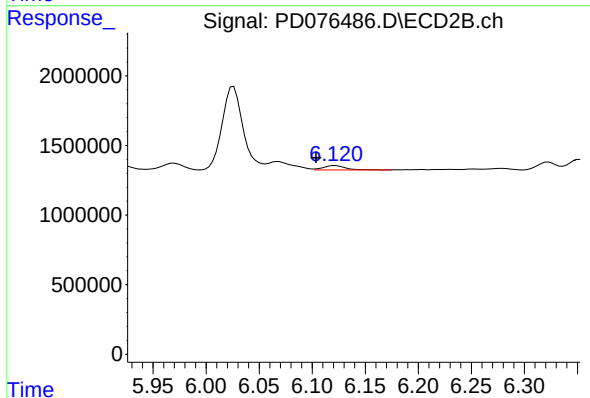
R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 8259454  
Conc: 6.82 ng/ml



#18 Endrin aldehyde

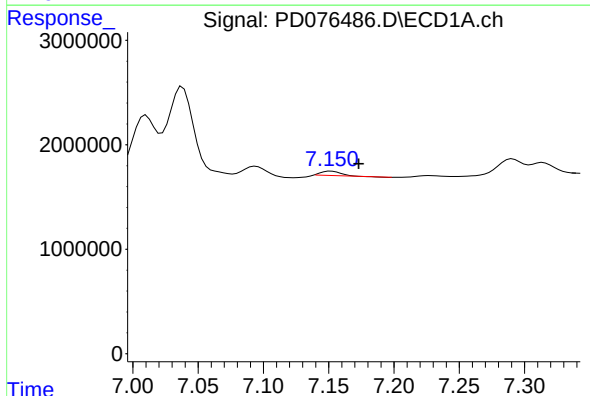
R.T.: 6.949 min  
Delta R.T.: 0.011 min  
Response: 185592  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



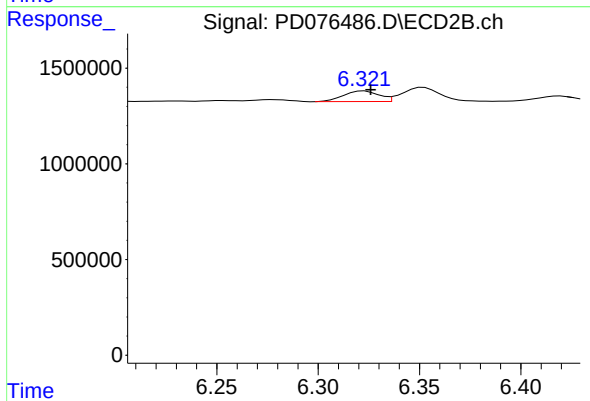
#18 Endrin aldehyde

R.T.: 6.121 min  
Delta R.T.: 0.018 min  
Response: 436807  
Conc: 0.38 ng/ml



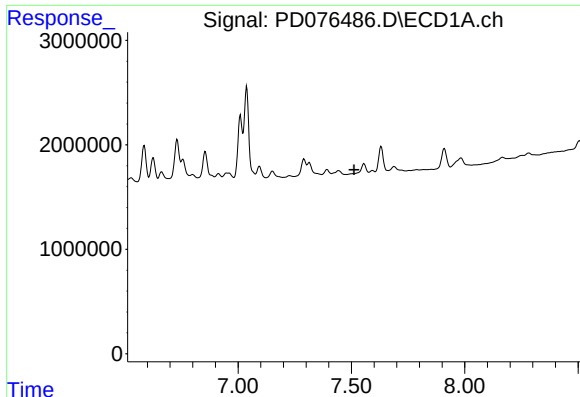
#19 Endosulfan Sulfate

R.T.: 7.152 min  
Delta R.T.: -0.021 min  
Response: 425792  
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

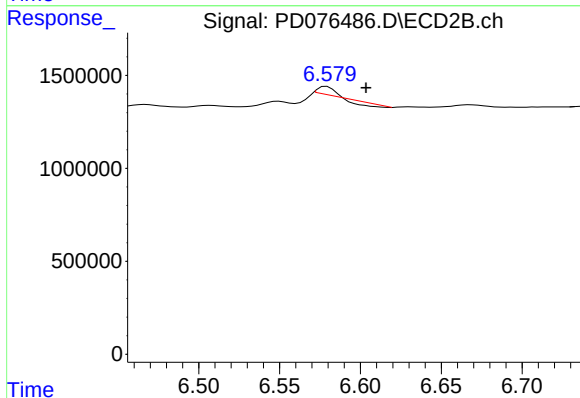
R.T.: 6.323 min  
Delta R.T.: -0.003 min  
Response: 675270  
Conc: 0.44 ng/ml



#20 Methoxychlor

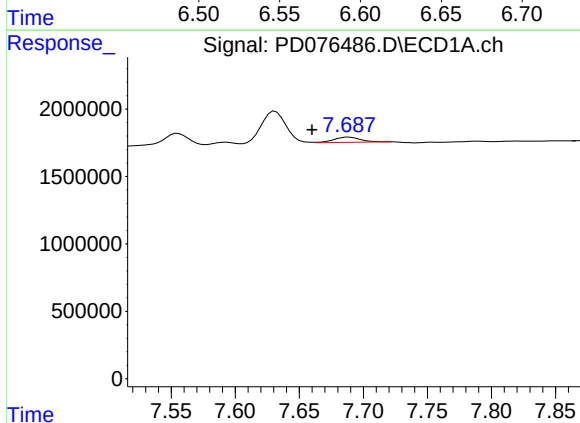
R.T.: 0.000 min  
Exp R.T.: 7.512 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



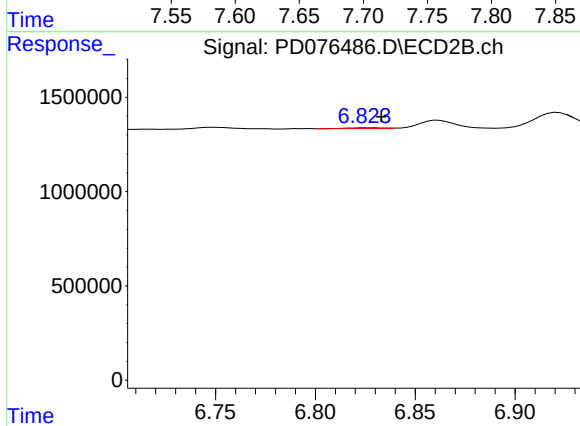
#20 Methoxychlor

R.T.: 6.579 min  
Delta R.T.: -0.024 min  
Response: 110548  
Conc: 0.17 ng/ml



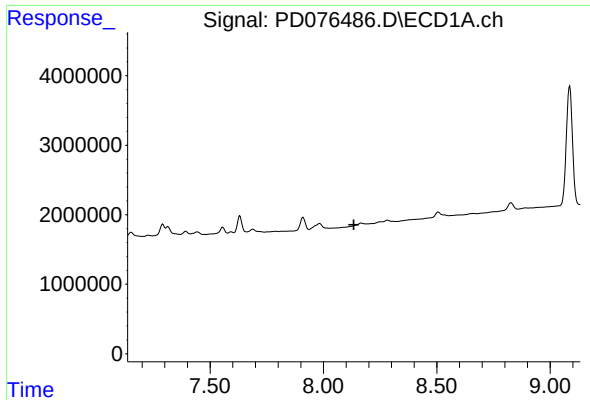
#21 Endrin ketone

R.T.: 7.689 min  
Delta R.T.: 0.029 min  
Response: 527748  
Conc: 0.13 ng/ml



#21 Endrin ketone

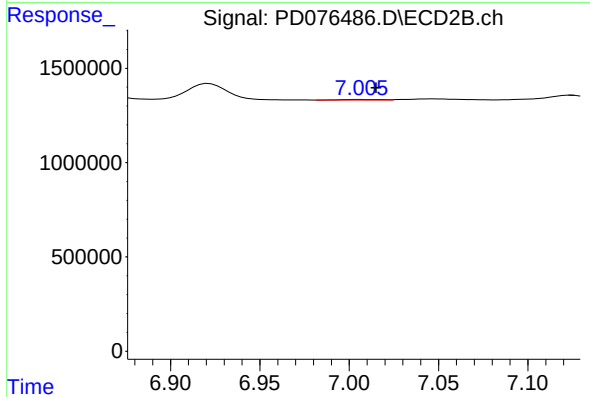
R.T.: 6.825 min  
Delta R.T.: -0.008 min  
Response: 43039  
Conc: 0.02 ng/ml



#22 Mirex

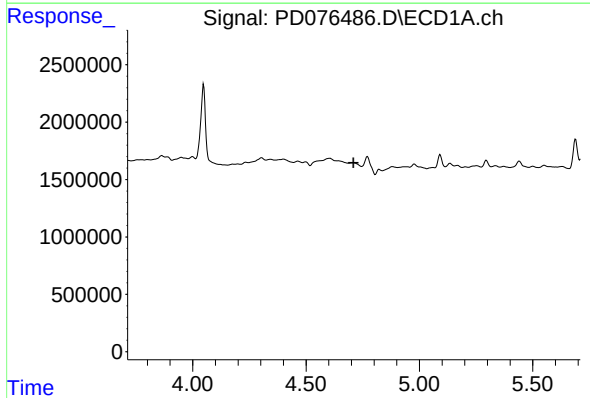
R.T.: 0.000 min  
Exp R.T.: 8.134 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



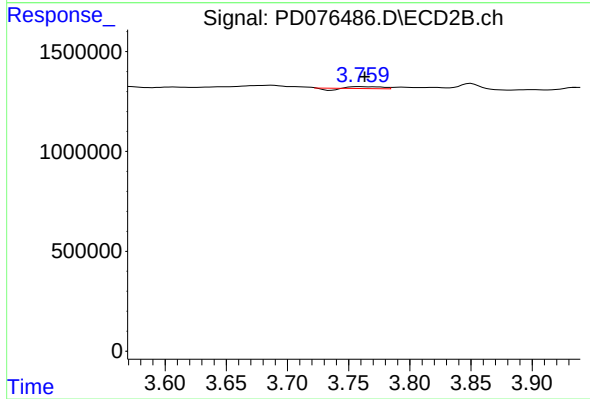
#22 Mirex

R.T.: 7.007 min  
Delta R.T.: -0.008 min  
Response: 44783  
Conc: 0.03 ng/ml



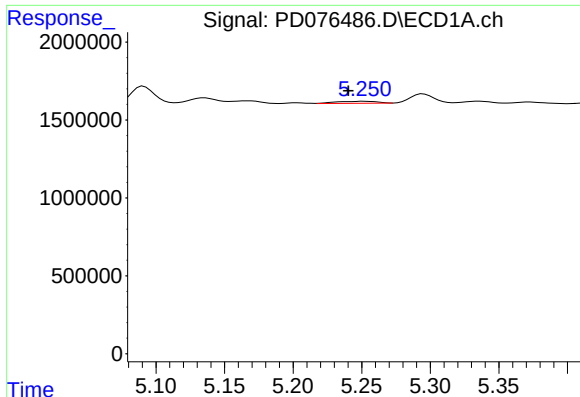
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

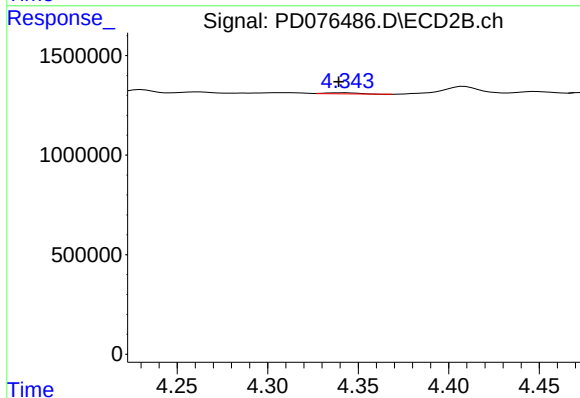
R.T.: 3.760 min  
Delta R.T.: -0.003 min  
Response: 121045  
Conc: 2.74 ng/ml



#24 Chlordane-2

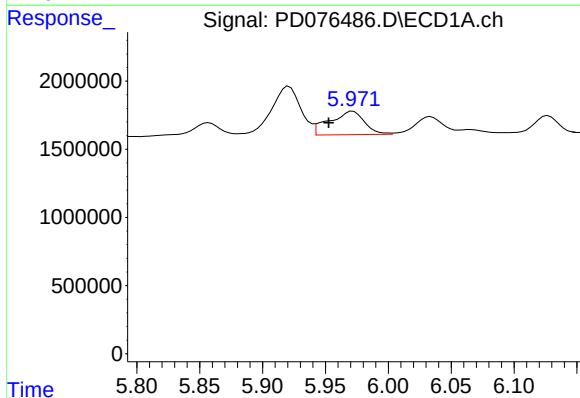
R.T.: 5.252 min  
Delta R.T.: 0.011 min  
Response: 281976  
Conc: 2.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



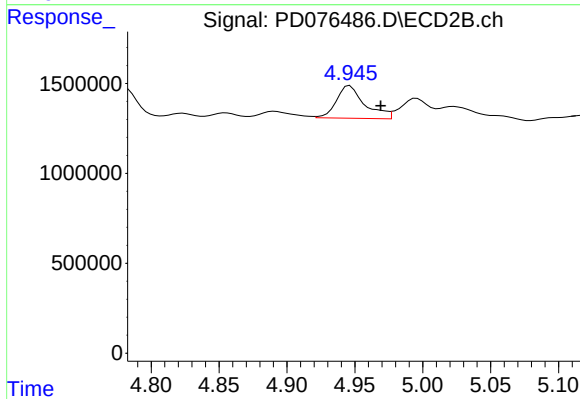
#24 Chlordane-2

R.T.: 4.343 min  
Delta R.T.: 0.003 min  
Response: 69891  
Conc: 1.44 ng/ml



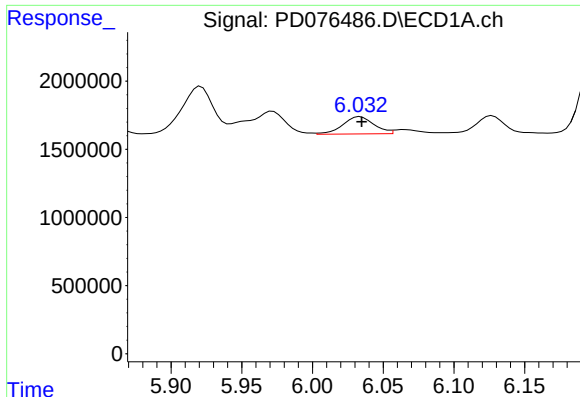
#25 Chlordane-3

R.T.: 5.972 min  
Delta R.T.: 0.019 min  
Response: 3331577  
Conc: 6.58 ng/ml



#25 Chlordane-3

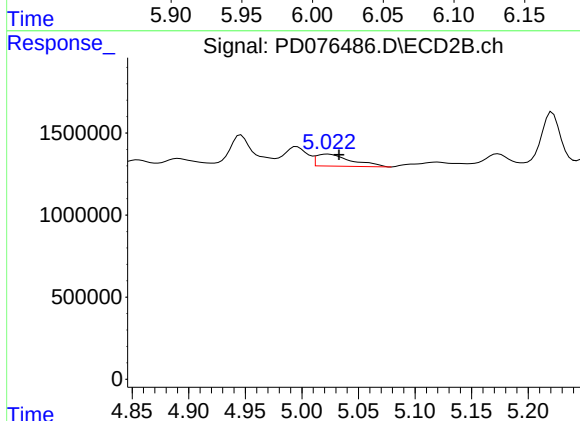
R.T.: 4.946 min  
Delta R.T.: -0.023 min  
Response: 2623330  
Conc: 18.69 ng/ml



#26 Chlordane-4

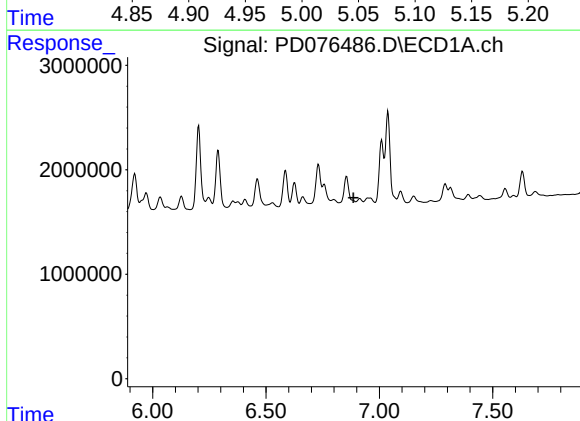
R.T.: 6.034 min  
Delta R.T.: -0.001 min  
Response: 1954852  
Conc: 3.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



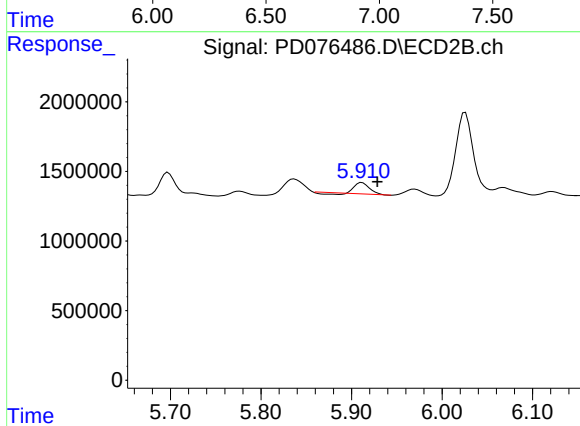
#26 Chlordane-4

R.T.: 5.023 min  
Delta R.T.: -0.010 min  
Response: 1558649  
Conc: 11.07 ng/ml



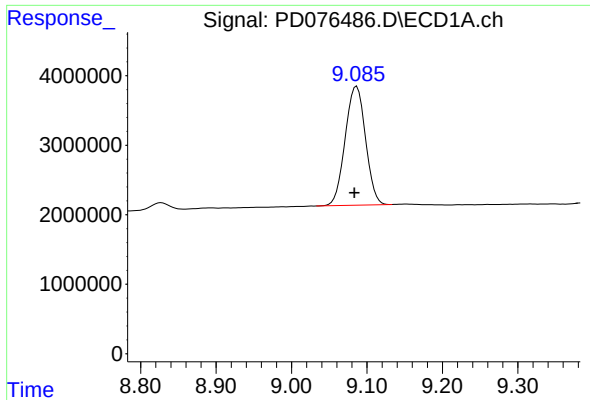
#27 Chlordane-5

R.T.: 6.914 min  
Delta R.T.: 0.028 min  
Response: -60803  
Conc: N.D.



#27 Chlordane-5

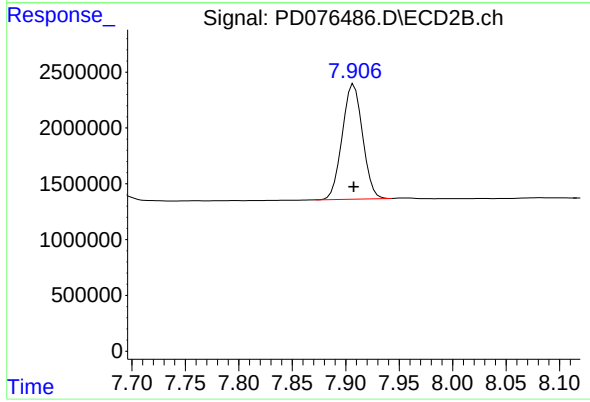
R.T.: 5.912 min  
Delta R.T.: -0.017 min  
Response: 846243  
Conc: 18.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.003 min  
Response: 32133104  
Conc: 9.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.908 min  
Delta R.T.: 0.000 min  
Response: 13646153  
Conc: 10.84 ng/ml