

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032223\  
 Data File : PD074348.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Mar 2023 13:30  
 Operator : AR\AJ  
 Sample : 1956-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 21:40:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031323CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 14 03:05:06 2023  
 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

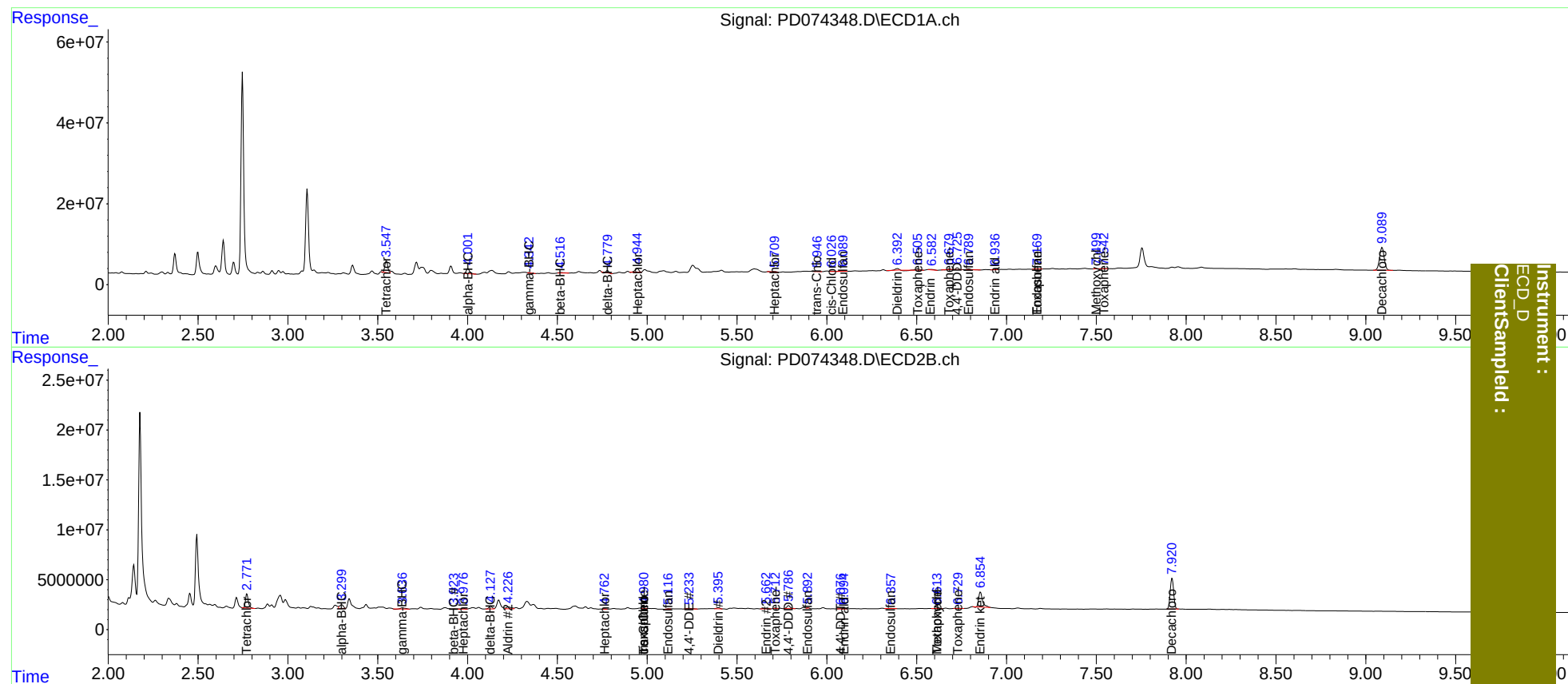
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.549  | 2.772  | 31436637 | 15364801 | 12.654 | 12.213   |
| 27)                         | SA Decachlor... | 9.091  | 7.922  | 102.1E6  | 41611275 | 37.298 | 34.751   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.003  | 3.300  | 16161007 | 5757682  | 4.142  | 3.222    |
| 3)                          | MA gamma-BHC... | 4.342  | 3.638  | 1322770  | 1988763  | 0.358  | 1.164 #  |
| 4)                          | MA Heptachlor   | 4.945  | 3.977  | 12020170 | 957368   | 3.175  | 0.577 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.227  | 0        | 3552644  | N.D.   | 2.075    |
| 6)                          | B beta-BHC      | 4.517  | 3.925  | 2502478  | 656227   | 1.480  | 0.810 #  |
| 7)                          | B delta-BHC     | 4.779  | 4.128  | 3107417  | 3624034  | 0.854  | 2.049 #  |
| 8)                          | B Heptachlo...  | 5.708  | 4.763  | 1671344  | 179573   | 0.509  | 0.113 #  |
| 9)                          | A Endosulfan I  | 6.091  | 5.119  | 1722440  | 504784   | 0.577  | 0.360 #  |
| 10)                         | B trans-Chl...  | 5.944  | 4.981  | 507223   | 1296513  | 0.158  | 0.838 #  |
| 11)                         | B cis-Chlor...  | 6.027  | 4.981f | 1298767  | 1296513  | 0.396  | 0.820 #  |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.234  | -116506  | 1500237  | N.D.   | 1.033    |
| 13)                         | MA Dieldrin     | 6.393  | 5.396  | 5538847  | 1568697  | 1.746  | 1.012 #  |
| 14)                         | MA Endrin       | 6.577  | 5.664  | 2249318  | 1514674  | 0.854  | 1.126 #  |
| 15)                         | B Endosulfa...  | 6.790  | 5.895f | 2567875  | 367278   | 0.930  | 0.273 #  |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.788  | 4094038  | 4132856  | 1.732  | 3.510 #  |
| 17)                         | MA 4,4'-DDT     | 7.073  | 6.078  | 69649    | 286013   | <MDL   | 0.228 #  |
| 18)                         | B Endrin al...  | 6.938  | 6.096  | 422862   | 202858   | 0.188  | 0.185    |
| 19)                         | B Endosulfa...  | 7.172  | 6.358  | 1370125  | 164031   | 0.526  | 0.130 #  |
| 20)                         | A Methoxychlor  | 7.501  | 6.614  | 177508   | 161652   | 0.129  | 0.263 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.855  | 0        | 21852558 | N.D.   | 14.361   |
| 22)                         | Toxaphene-1     | 6.204f | 4.981  | -116506  | 1296513  | N.D.   | 146.106  |
| 23)                         | Toxaphene-2     | 6.506f | 5.713  | 2723075  | 605714   | 91.820 | 64.492 # |
| 24)                         | Toxaphene-3     | 6.681  | 0.000  | 870905   | 0        | 41.386 | N.D. #   |
| 25)                         | Toxaphene-4     | 7.172  | 6.614  | 1370125  | 161652   | 22.122 | 4.838 #  |
| 26)                         | Toxaphene-5     | 7.543f | 6.731  | 538520   | 414543   | 11.835 | 9.706    |
| -----                       |                 |        |        |          |          |        |          |

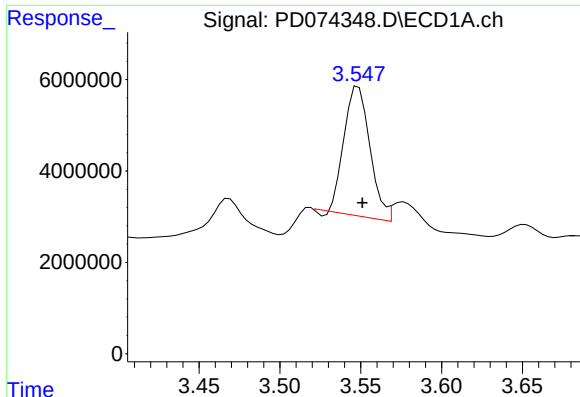
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032223\  
Data File : PD074348.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Mar 2023 13:30  
Operator : AR\AJ  
Sample : 1956-03  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 21:40:12 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031323CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 14 03:05:06 2023  
Response via : Initial Calibration  
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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

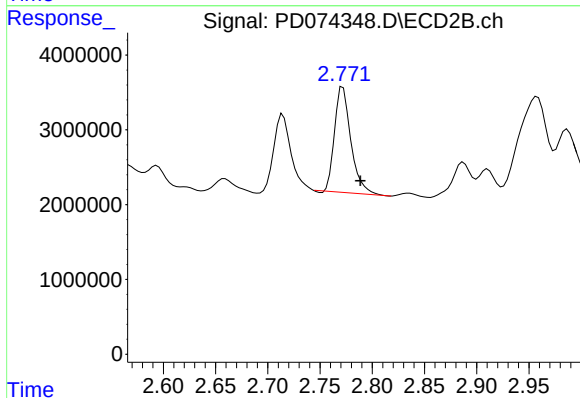




#1 Tetrachloro-m-xylene

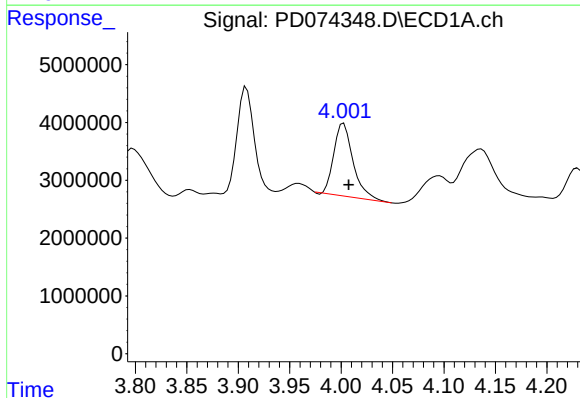
R.T.: 3.549 min  
Delta R.T.: -0.002 min  
Response: 31436637  
Conc: 12.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



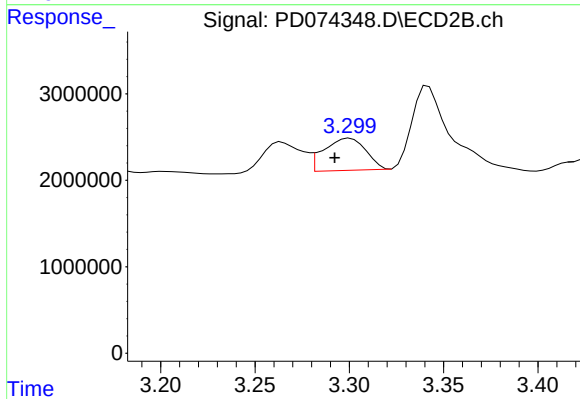
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: -0.017 min  
Response: 15364801  
Conc: 12.21 ng/ml



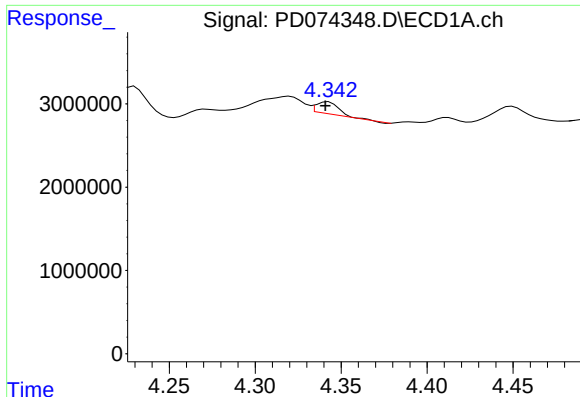
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.005 min  
Response: 16161007  
Conc: 4.14 ng/ml



#2 alpha-BHC

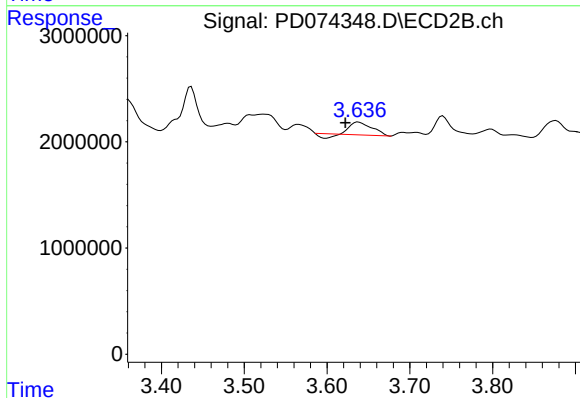
R.T.: 3.300 min  
Delta R.T.: 0.008 min  
Response: 5757682  
Conc: 3.22 ng/ml



#3 gamma-BHC (Lindane)

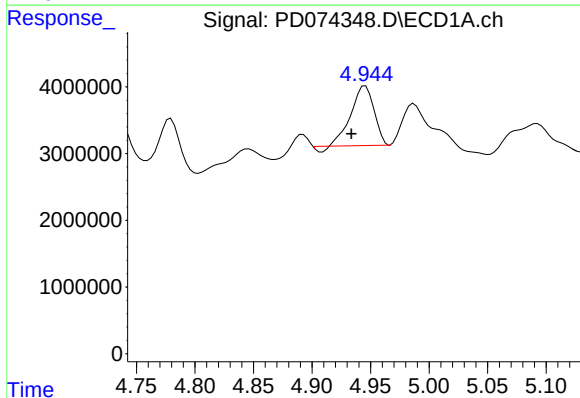
R.T.: 4.342 min  
Delta R.T.: 0.002 min  
Response: 1322770  
Conc: 0.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



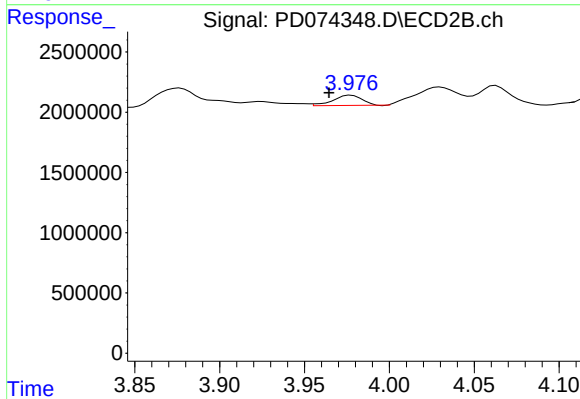
#3 gamma-BHC (Lindane)

R.T.: 3.638 min  
Delta R.T.: 0.016 min  
Response: 1988763  
Conc: 1.16 ng/ml



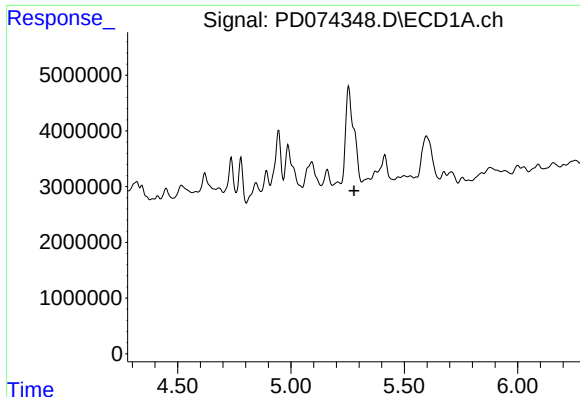
#4 Heptachlor

R.T.: 4.945 min  
Delta R.T.: 0.012 min  
Response: 12020170  
Conc: 3.18 ng/ml



#4 Heptachlor

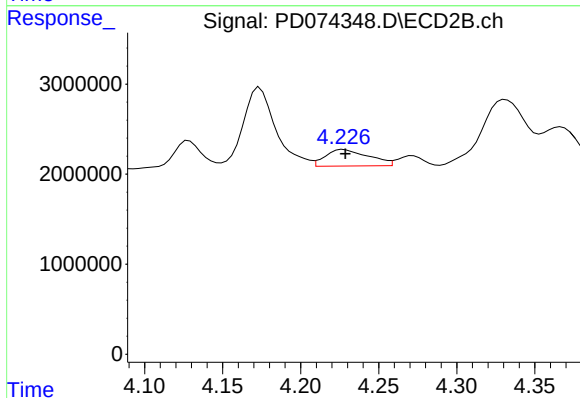
R.T.: 3.977 min  
Delta R.T.: 0.013 min  
Response: 957368  
Conc: 0.58 ng/ml



#5 Aldrin

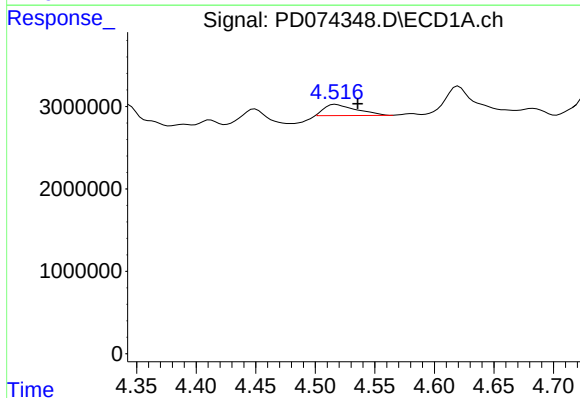
R.T.: 0.000 min  
Exp R.T.: 5.278 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



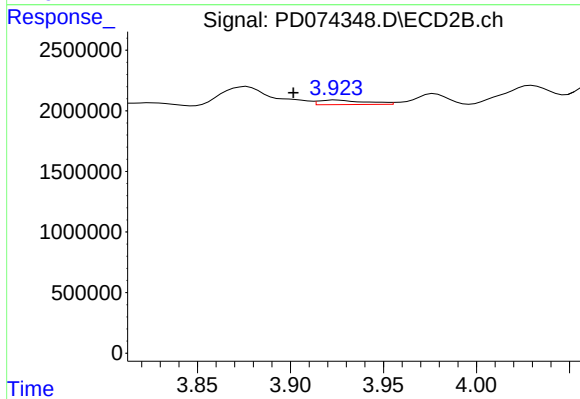
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.001 min  
Response: 3552644  
Conc: 2.07 ng/ml



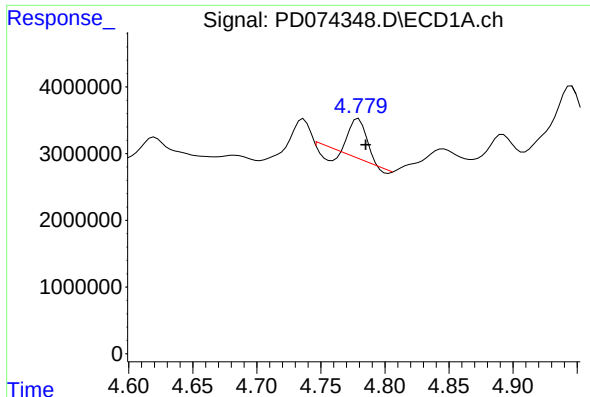
#6 beta-BHC

R.T.: 4.517 min  
Delta R.T.: -0.018 min  
Response: 2502478  
Conc: 1.48 ng/ml



#6 beta-BHC

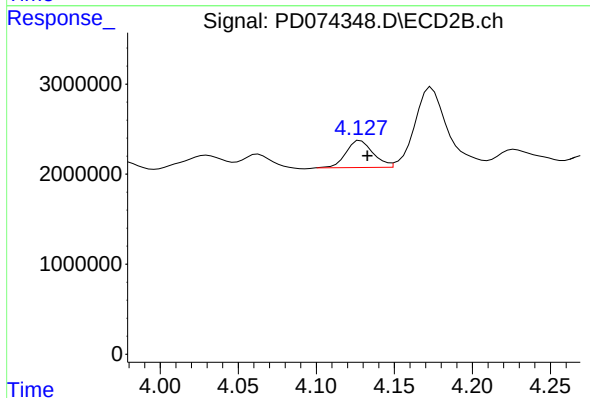
R.T.: 3.925 min  
Delta R.T.: 0.023 min  
Response: 656227  
Conc: 0.81 ng/ml



#7 delta-BHC

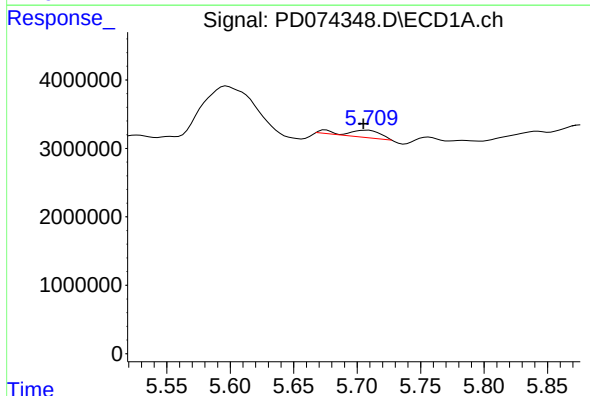
R.T.: 4.779 min  
Delta R.T.: -0.006 min  
Response: 3107417  
Conc: 0.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



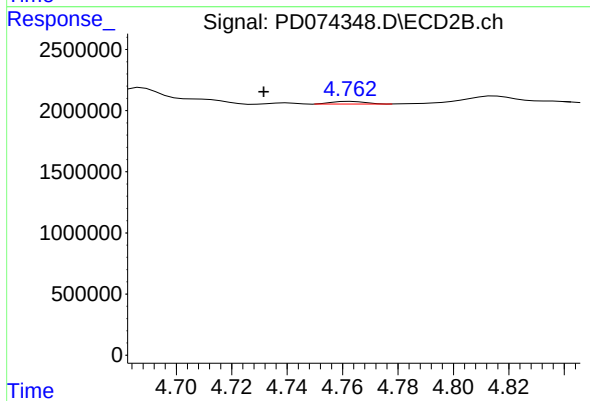
#7 delta-BHC

R.T.: 4.128 min  
Delta R.T.: -0.004 min  
Response: 3624034  
Conc: 2.05 ng/ml



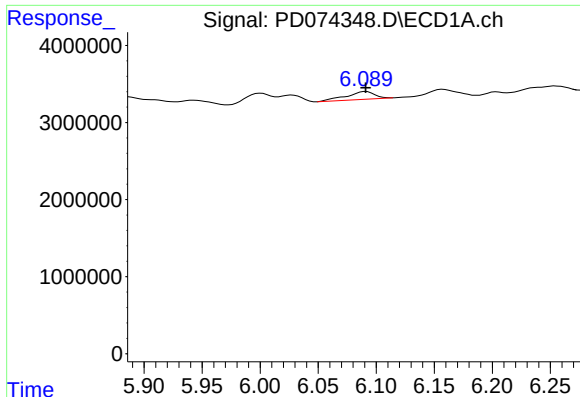
#8 Heptachlor epoxide

R.T.: 5.708 min  
Delta R.T.: 0.003 min  
Response: 1671344  
Conc: 0.51 ng/ml



#8 Heptachlor epoxide

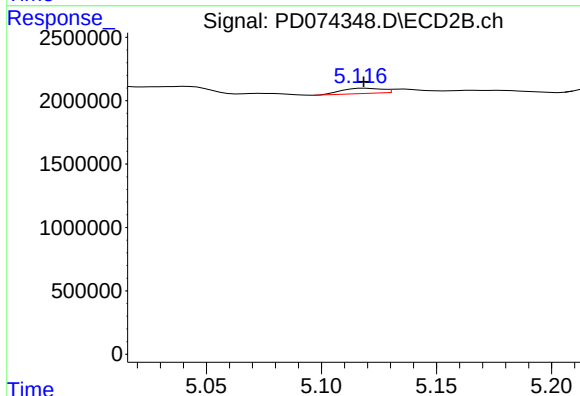
R.T.: 4.763 min  
Delta R.T.: 0.031 min  
Response: 179573  
Conc: 0.11 ng/ml



#9 Endosulfan I

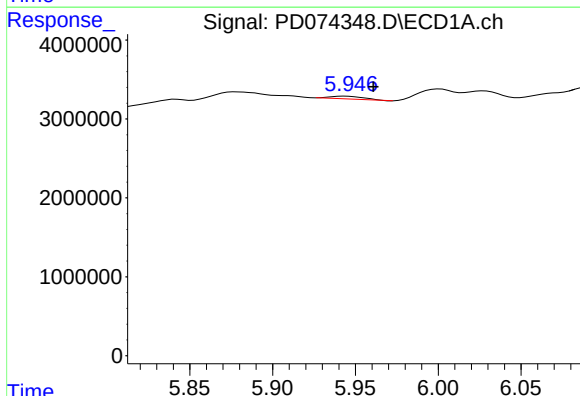
R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 1722440  
Conc: 0.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



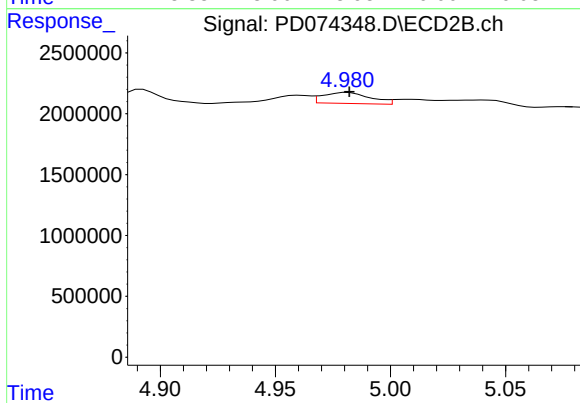
#9 Endosulfan I

R.T.: 5.119 min  
Delta R.T.: 0.000 min  
Response: 504784  
Conc: 0.36 ng/ml



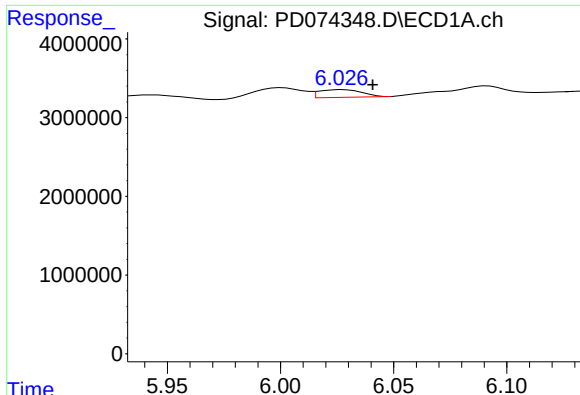
#10 trans-Chlordane

R.T.: 5.944 min  
Delta R.T.: -0.017 min  
Response: 507223  
Conc: 0.16 ng/ml



#10 trans-Chlordane

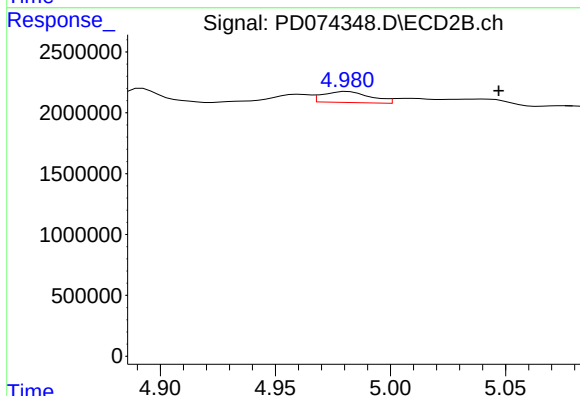
R.T.: 4.981 min  
Delta R.T.: 0.000 min  
Response: 1296513  
Conc: 0.84 ng/ml



#11 cis-Chlordane

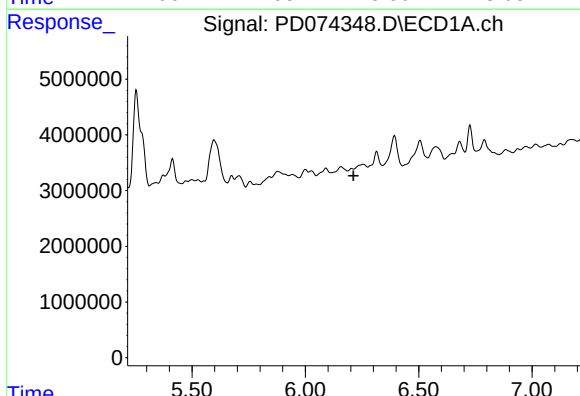
R.T.: 6.027 min  
Delta R.T.: -0.013 min  
Response: 1298767  
Conc: 0.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



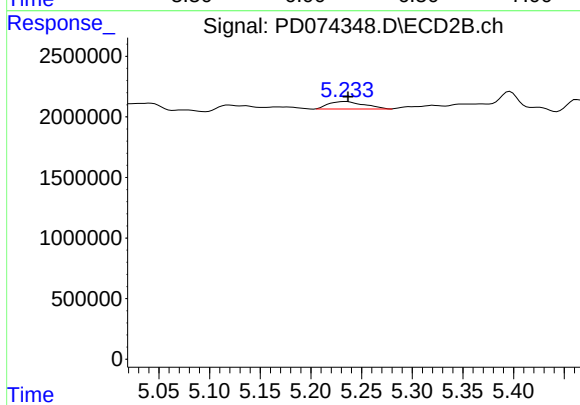
#11 cis-Chlordane

R.T.: 4.981 min  
Delta R.T.: -0.066 min  
Response: 1296513  
Conc: 0.82 ng/ml



#12 4,4'-DDE

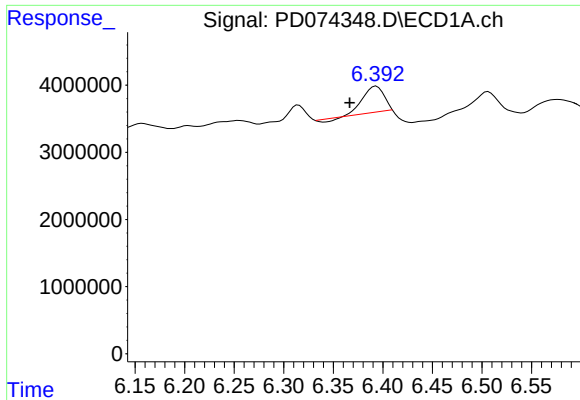
R.T.: 6.204 min  
Delta R.T.: -0.008 min  
Response: -116506  
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.234 min  
Delta R.T.: -0.002 min  
Response: 1500237  
Conc: 1.03 ng/ml

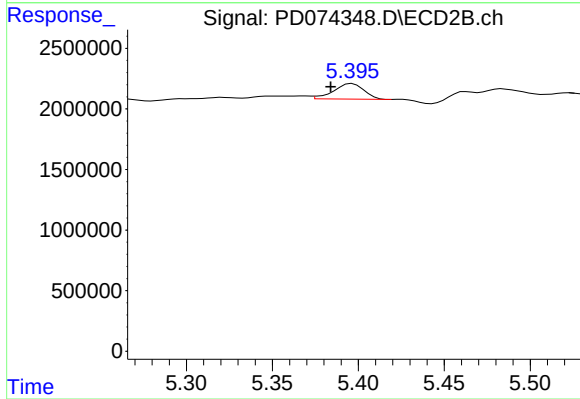




#13 Dieldrin

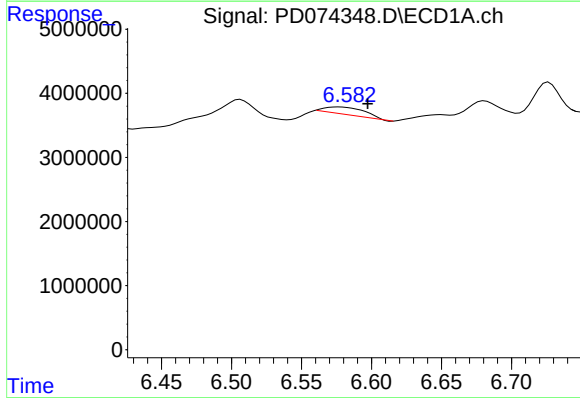
R.T.: 6.393 min  
Delta R.T.: 0.027 min  
Response: 5538847  
Conc: 1.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



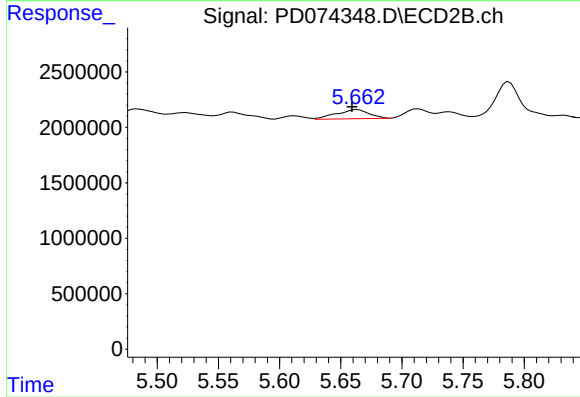
#13 Dieldrin

R.T.: 5.396 min  
Delta R.T.: 0.012 min  
Response: 1568697  
Conc: 1.01 ng/ml



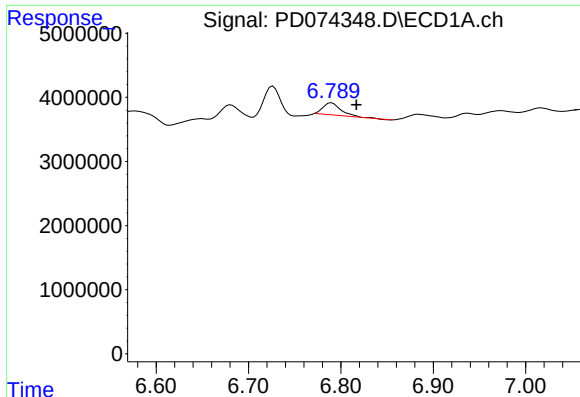
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: -0.021 min  
Response: 2249318  
Conc: 0.85 ng/ml



#14 Endrin

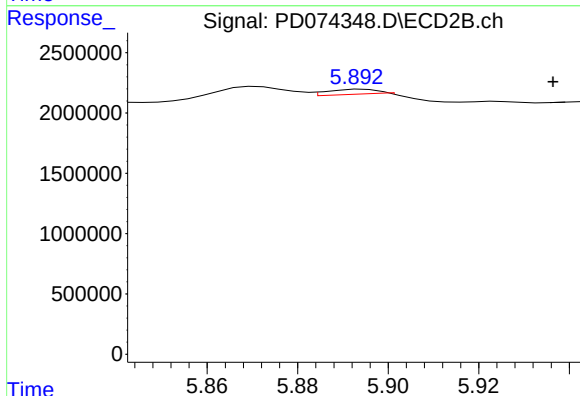
R.T.: 5.664 min  
Delta R.T.: 0.004 min  
Response: 1514674  
Conc: 1.13 ng/ml



#15 Endosulfan II

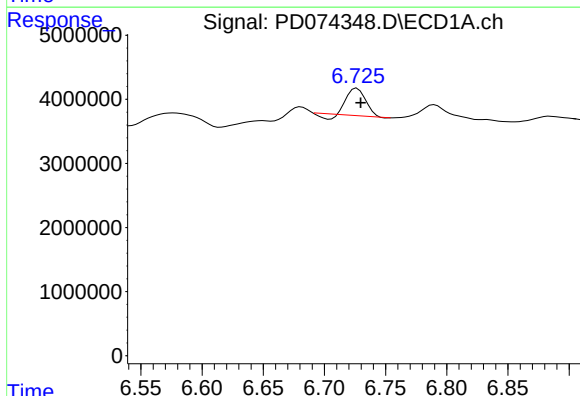
R.T.: 6.790 min  
Delta R.T.: -0.027 min  
Response: 2567875  
Conc: 0.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



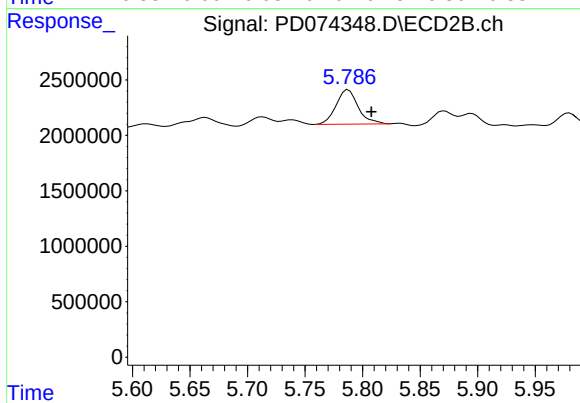
#15 Endosulfan II

R.T.: 5.895 min  
Delta R.T.: -0.042 min  
Response: 367278  
Conc: 0.27 ng/ml



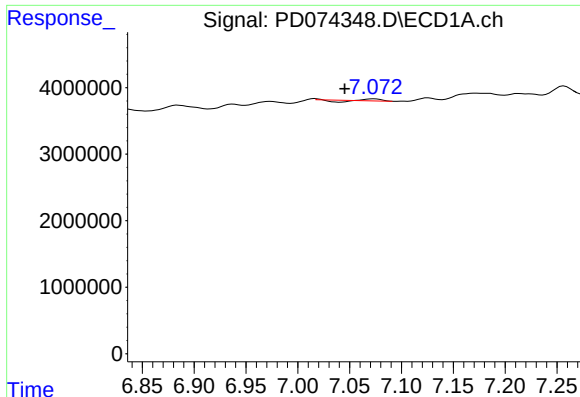
#16 4,4'-DDD

R.T.: 6.727 min  
Delta R.T.: -0.003 min  
Response: 4094038  
Conc: 1.73 ng/ml



#16 4,4'-DDD

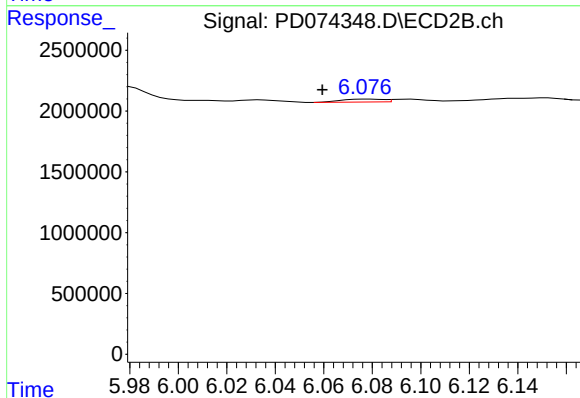
R.T.: 5.788 min  
Delta R.T.: -0.020 min  
Response: 4132856  
Conc: 3.51 ng/ml



#17 4,4'-DDT

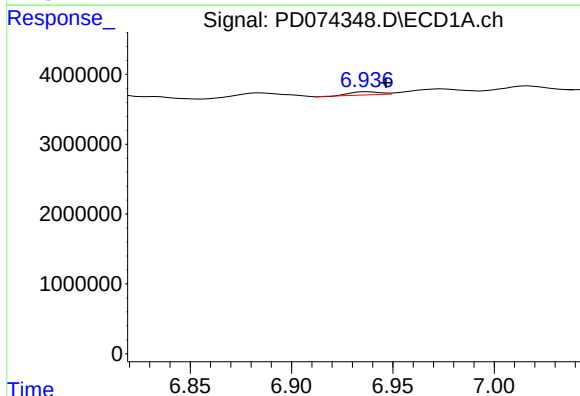
R.T.: 7.073 min  
Delta R.T.: 0.028 min  
Response: 69649  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



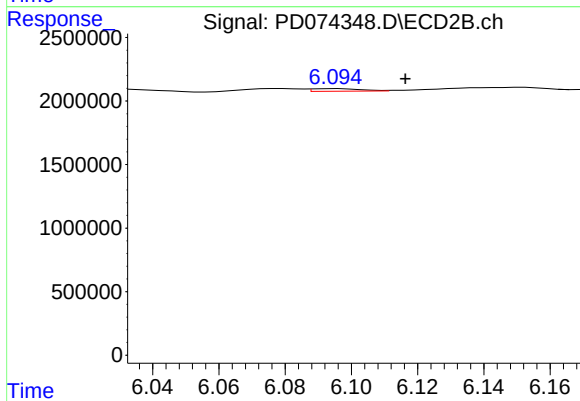
#17 4,4'-DDT

R.T.: 6.078 min  
Delta R.T.: 0.019 min  
Response: 286013  
Conc: 0.23 ng/ml



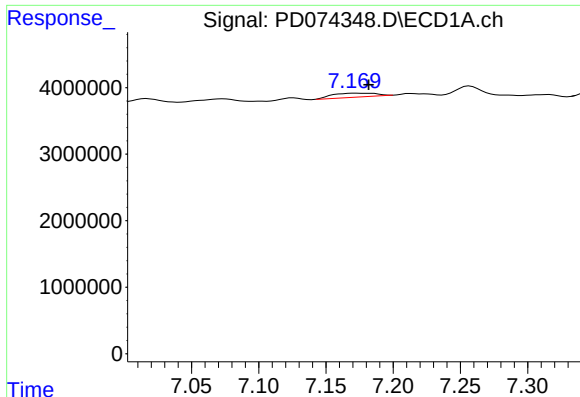
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: -0.009 min  
Response: 422862  
Conc: 0.19 ng/ml



#18 Endrin aldehyde

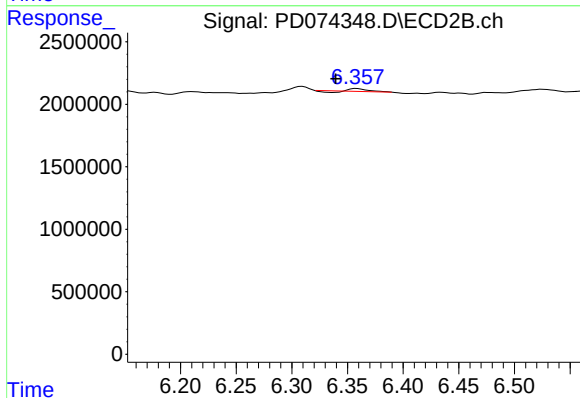
R.T.: 6.096 min  
Delta R.T.: -0.021 min  
Response: 202858  
Conc: 0.18 ng/ml



#19 Endosulfan Sulfate

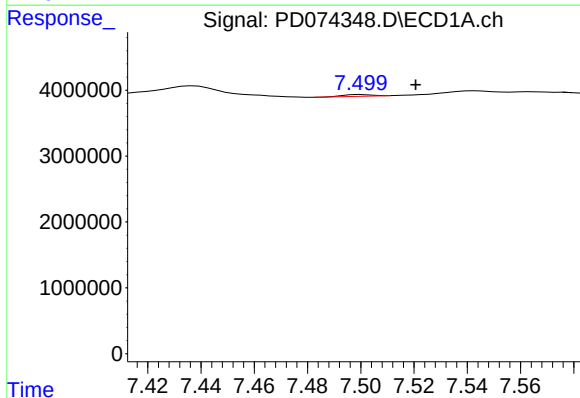
R.T.: 7.172 min  
Delta R.T.: -0.010 min  
Response: 1370125  
Conc: 0.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



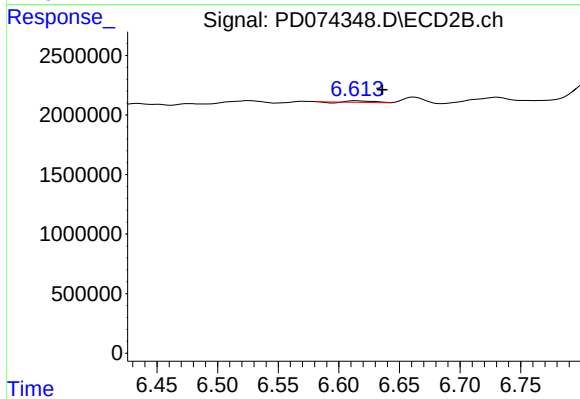
#19 Endosulfan Sulfate

R.T.: 6.358 min  
Delta R.T.: 0.019 min  
Response: 164031  
Conc: 0.13 ng/ml



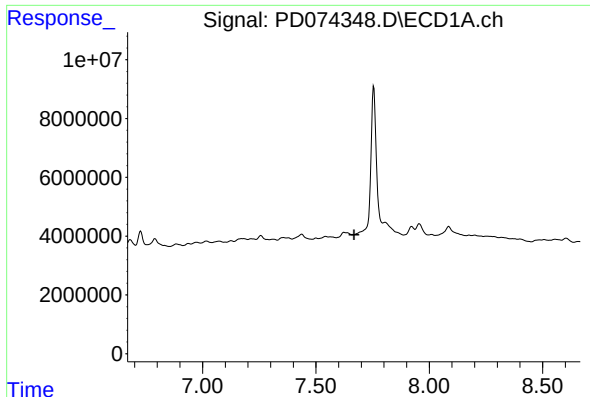
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.020 min  
Response: 177508  
Conc: 0.13 ng/ml



#20 Methoxychlor

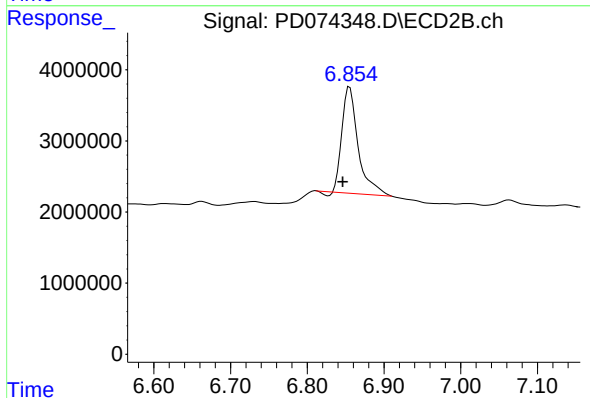
R.T.: 6.614 min  
Delta R.T.: -0.022 min  
Response: 161652  
Conc: 0.26 ng/ml



#21 Endrin ketone

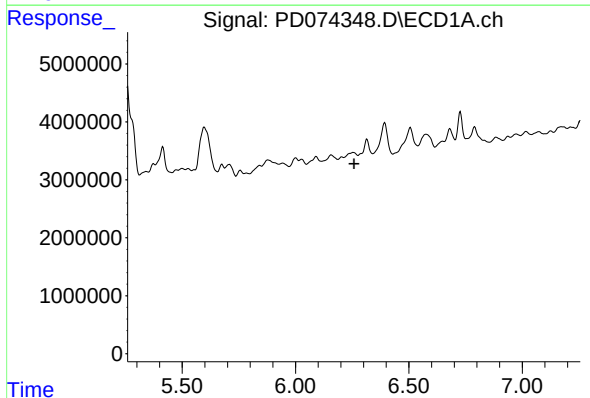
R.T.: 0.000 min  
Exp R.T.: 7.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



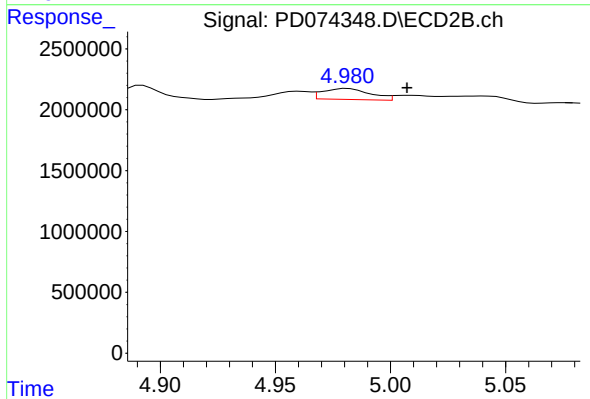
#21 Endrin ketone

R.T.: 6.855 min  
Delta R.T.: 0.009 min  
Response: 21852558  
Conc: 14.36 ng/ml



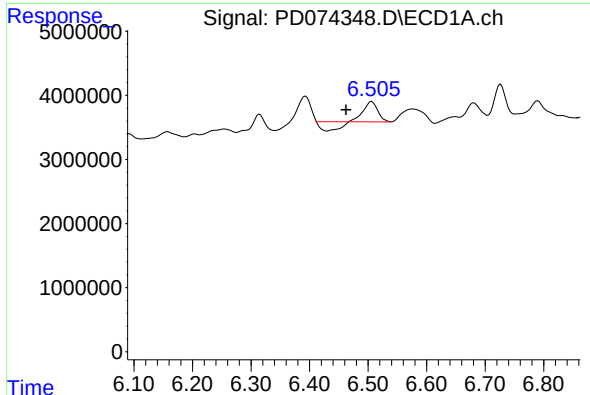
#22 Toxaphene-1

R.T.: 6.204 min  
Delta R.T.: -0.054 min  
Response: -116506  
Conc: N.D.



#22 Toxaphene-1

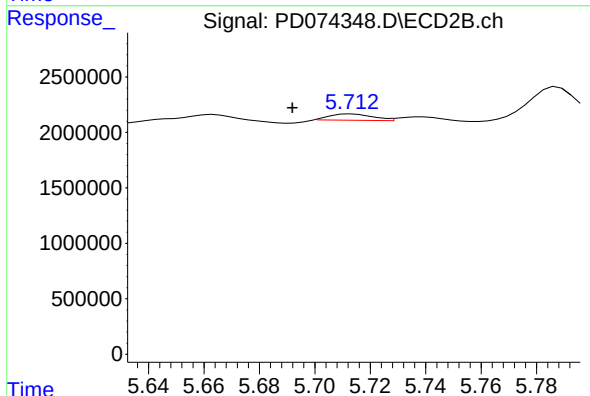
R.T.: 4.981 min  
Delta R.T.: -0.026 min  
Response: 1296513  
Conc: 146.11 ng/ml



#23 Toxaphene-2

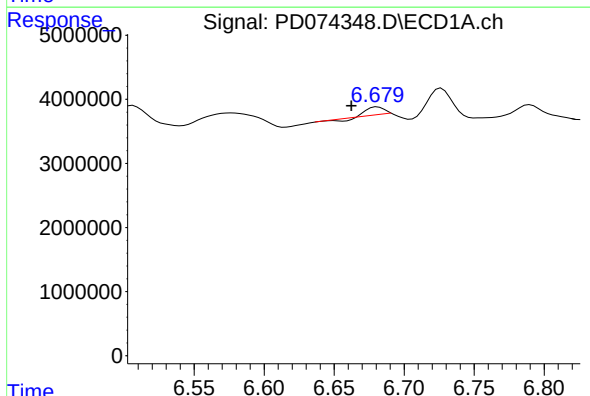
R.T.: 6.506 min  
Delta R.T.: 0.044 min  
Response: 2723075  
Conc: 91.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



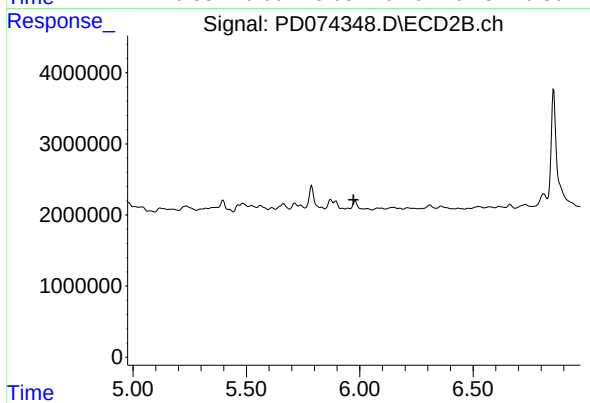
#23 Toxaphene-2

R.T.: 5.713 min  
Delta R.T.: 0.021 min  
Response: 605714  
Conc: 64.49 ng/ml



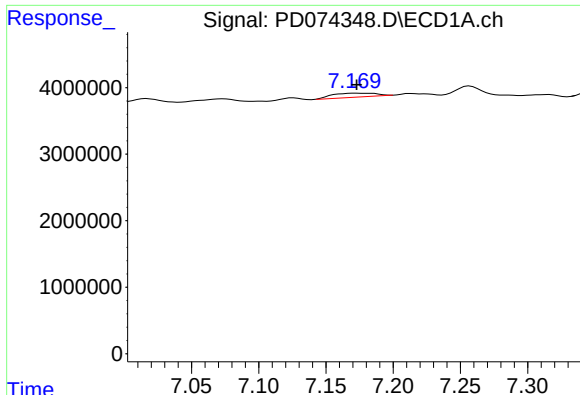
#24 Toxaphene-3

R.T.: 6.681 min  
Delta R.T.: 0.019 min  
Response: 870905  
Conc: 41.39 ng/ml



#24 Toxaphene-3

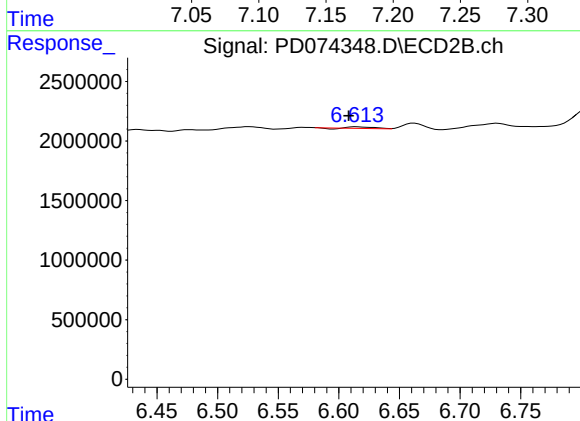
R.T.: 0.000 min  
Exp R.T. : 5.973 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

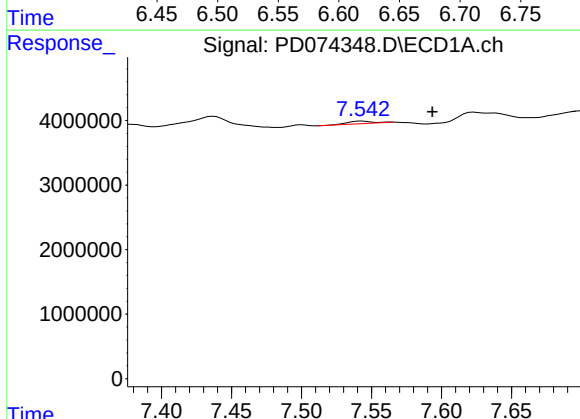
R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 1370125  
Conc: 22.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



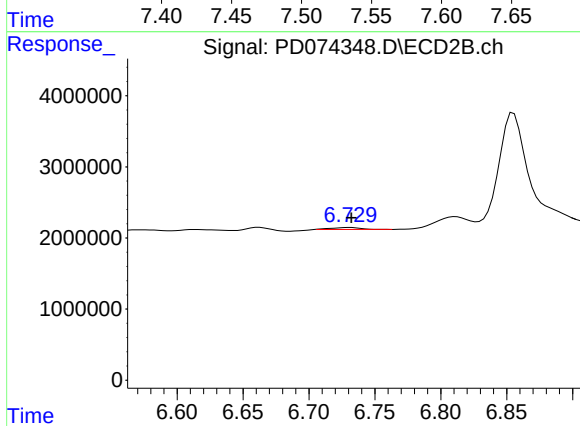
#25 Toxaphene-4

R.T.: 6.614 min  
Delta R.T.: 0.006 min  
Response: 161652  
Conc: 4.84 ng/ml



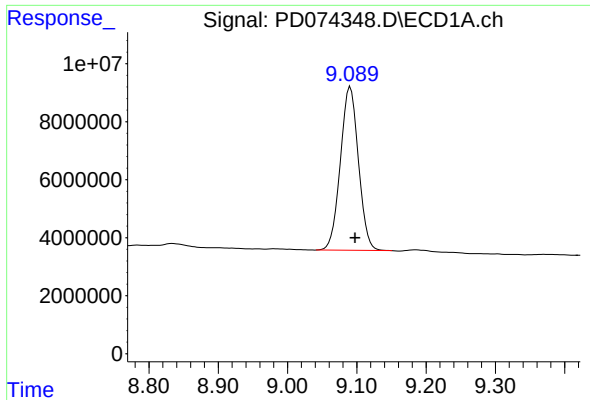
#26 Toxaphene-5

R.T.: 7.543 min  
Delta R.T.: -0.050 min  
Response: 538520  
Conc: 11.84 ng/ml



#26 Toxaphene-5

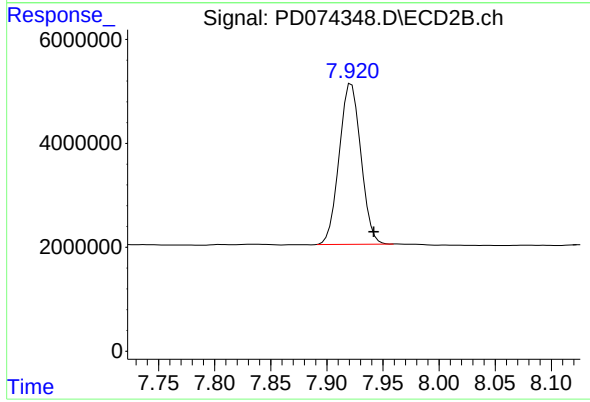
R.T.: 6.731 min  
Delta R.T.: -0.001 min  
Response: 414543  
Conc: 9.71 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.091 min  
Delta R.T.: -0.007 min  
Response: 102084225  
Conc: 37.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: -0.020 min  
Response: 41611275  
Conc: 34.75 ng/ml