

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031723\  
 Data File : PD074283.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Mar 2023 19:10  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 22:19:12 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 15 12:23:31 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... | 3.551  | 2.771  | 112.6E6  | 69292140 | 48.285  | 56.937   |
| 28)                         | SA Decachlor... | 9.099  | 7.926  | 122.0E6  | 57715389 | 45.624  | 47.041   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.022  | 0.000  | 4875156  | 0        | 1.256   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.365f | 0.000  | 1023009  | 0        | 0.292   | N.D. #   |
| 4)                          | MA Heptachlor   | 4.934  | 3.948  | 93145479 | 34761441 | 27.184  | 20.377 # |
| 5)                          | MB Aldrin       | 5.249f | 4.246f | 64756690 | 3148672  | 19.230  | 1.866 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.907  | 0        | 101474   | N.D.    | 0.134 #  |
| 7)                          | B delta-BHC     | 4.778  | 4.131  | 2968319  | 3430453  | 1.082   | 2.015 #  |
| 8)                          | B Heptachlo...  | 5.687f | 0.000  | 39099516 | 0        | 13.902  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.091  | 0        | 7967054  | N.D.    | 5.536 #  |
| 10)                         | B gamma-Chl...  | 5.961  | 4.982  | 203.1E6  | 81758963 | 67.658  | 52.657   |
| 11)                         | B alpha-Chl...  | 6.044  | 5.046  | 302.4E6  | 78260833 | 100.271 | 50.818 # |
| 12)                         | B 4,4'-DDE      | 6.200  | 0.000  | 2040761  | 0        | 0.740   | N.D. #   |
| 13)                         | MA Dieldrin     | 6.369  | 5.392f | 15148493 | -1671455 | 5.135   | N.D. #   |
| 14)                         | MA Endrin       | 6.621f | 5.650  | -3215963 | 5900745  | N.D.    | 4.515    |
| 15)                         | B Endosulfa...  | 6.834f | 5.943  | 1190878  | 28932112 | 0.462   | 22.993 # |
| 16)                         | A 4,4'-DDD      | 6.749f | 0.000  | 12199951 | 0        | 5.439   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.051  | 6.043  | 1229714  | -340166  | 0.482   | N.D. #   |
| 19)                         | B Endosulfa...  | 7.182  | 6.345  | 746555   | 886190   | 0.302   | 0.726 #  |
| 20)                         | A Methoxychlor  | 7.512  | 6.615  | 1229455  | 300564   | 0.879   | 0.444 #  |
| 21)                         | B Endrin ke...  | 7.699f | 0.000  | 2023045  | 0        | 0.727   | N.D. #   |
| 22)                         | Mirex           | 8.157  | 0.000  | 336179   | 0        | 0.158   | N.D. #   |
| 23)                         | Chlordane-1     | 4.718  | 3.773  | 61852332 | 24206291 | 518.725 | 480.355  |
| 24)                         | Chlordane-2     | 5.249  | 4.351  | 64756690 | 27588347 | 483.295 | 473.366  |
| 25)                         | Chlordane-3     | 5.961  | 4.982  | 203.1E6  | 81758963 | 410.476 | 487.076  |
| 26)                         | Chlordane-4     | 6.044  | 5.046  | 302.4E6  | 78260833 | 503.406 | 485.086  |
| 27)                         | Chlordane-5     | 6.896  | 5.943  | 40980049 | 28932112 | 397.700 | 479.303  |
| -----                       |                 |        |        |          |          |         |          |

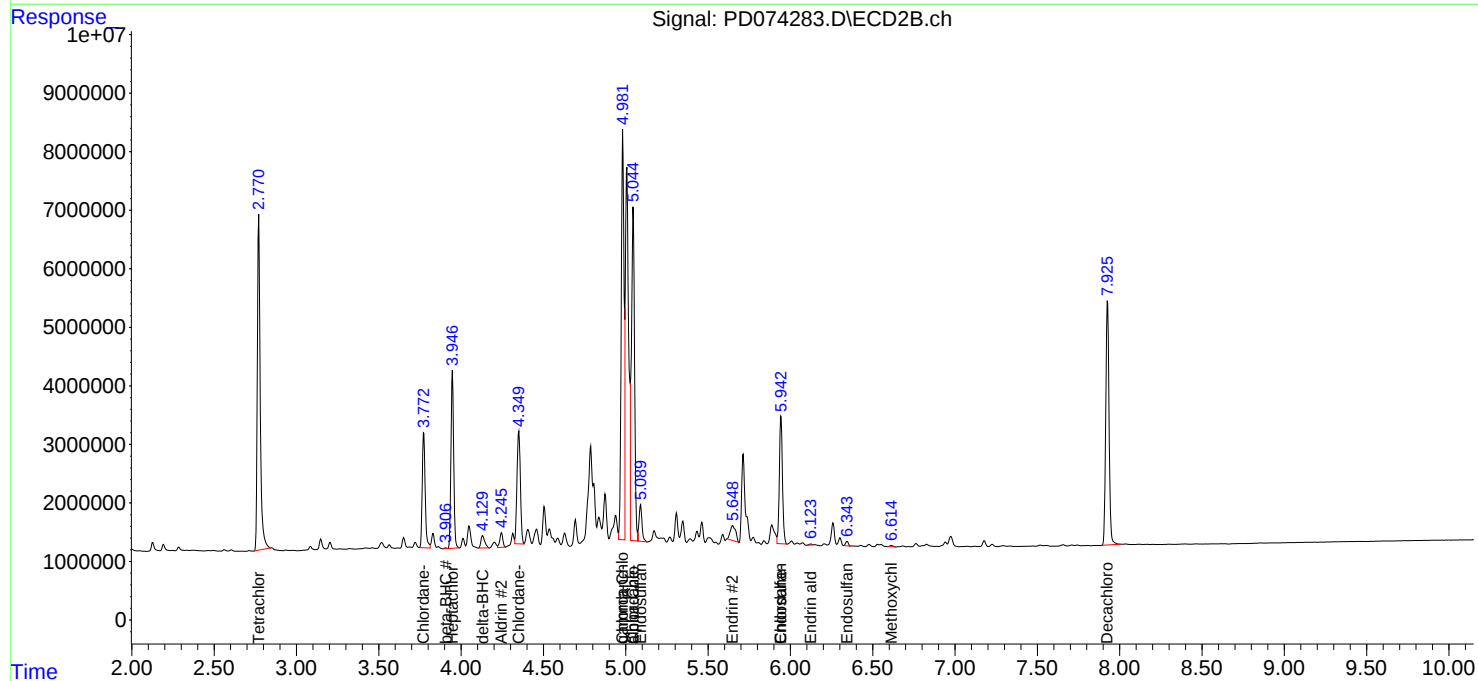
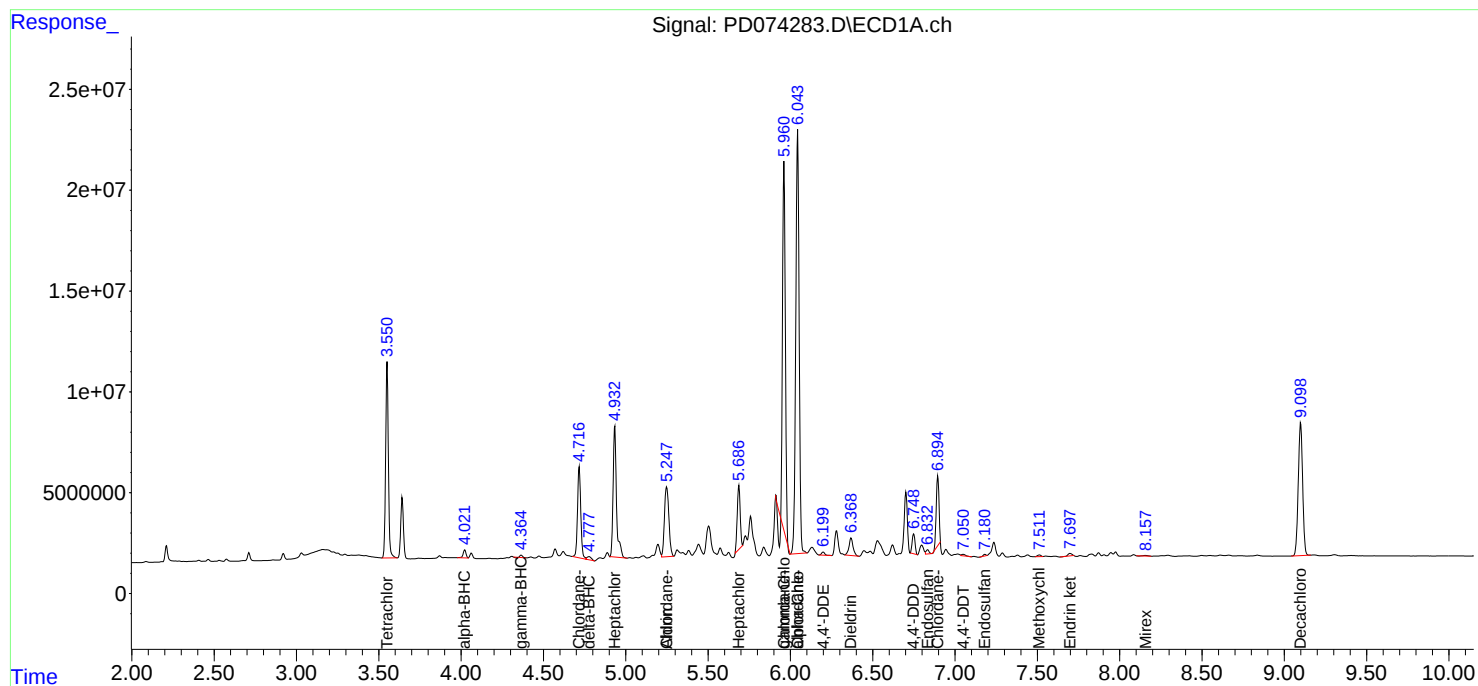
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

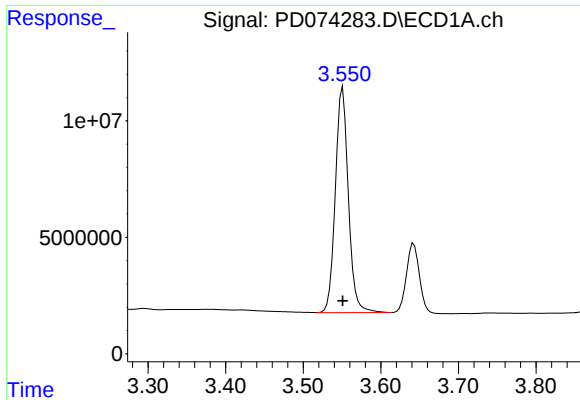
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031723\  
Data File : PD074283.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Mar 2023 19:10  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 17 22:19:12 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 15 12:23:31 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

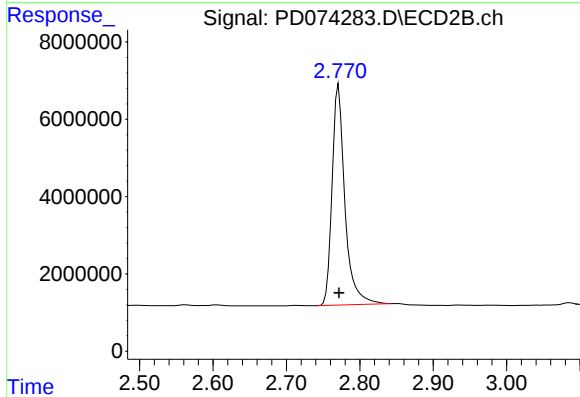




#1 Tetrachloro-m-xylene

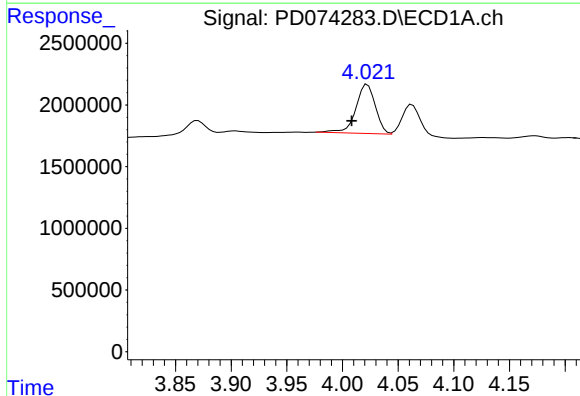
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 112629035  
Conc: 48.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



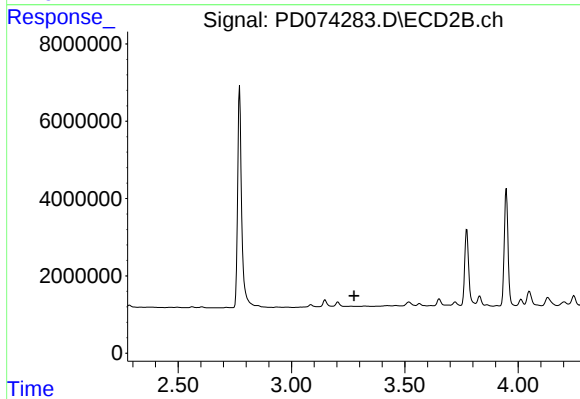
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 69292140  
Conc: 56.94 ng/ml



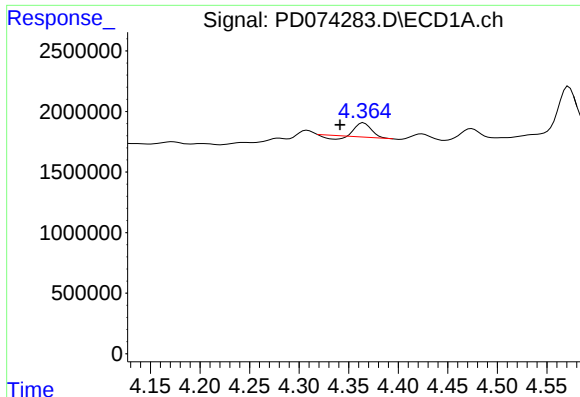
#2 alpha-BHC

R.T.: 4.022 min  
Delta R.T.: 0.014 min  
Response: 4875156  
Conc: 1.26 ng/ml



#2 alpha-BHC

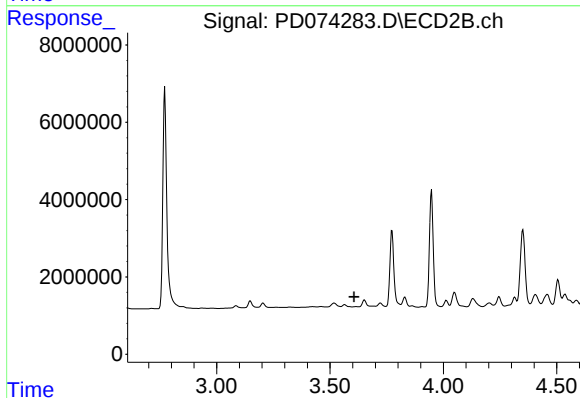
R.T.: 0.000 min  
Exp R.T. : 3.276 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

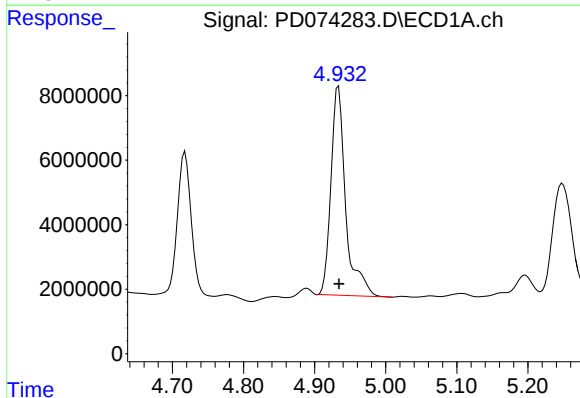
R.T.: 4.365 min  
Delta R.T.: 0.024 min  
Response: 1023009  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



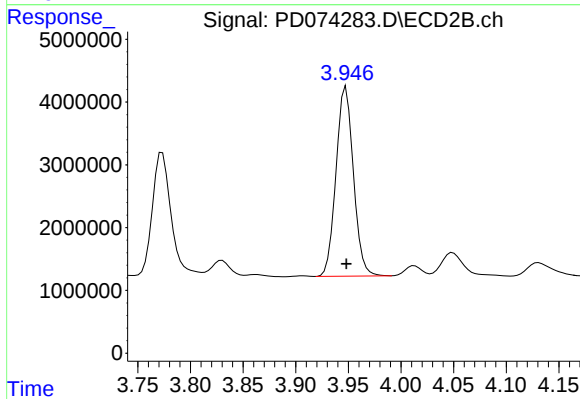
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.606 min  
Response: 0  
Conc: N.D.



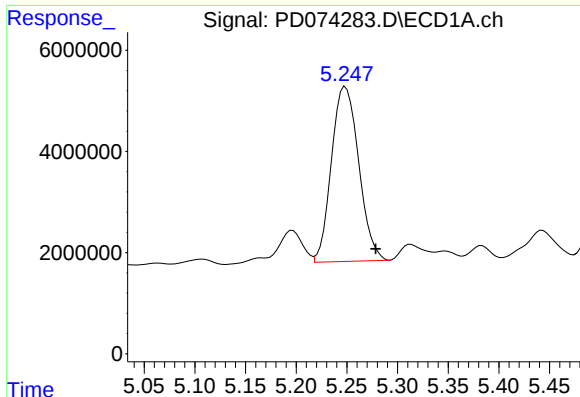
#4 Heptachlor

R.T.: 4.934 min  
Delta R.T.: -0.001 min  
Response: 93145479  
Conc: 27.18 ng/ml



#4 Heptachlor

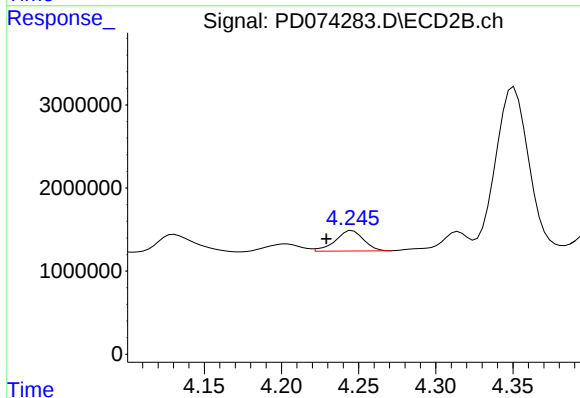
R.T.: 3.948 min  
Delta R.T.: 0.000 min  
Response: 34761441  
Conc: 20.38 ng/ml



#5 Aldrin

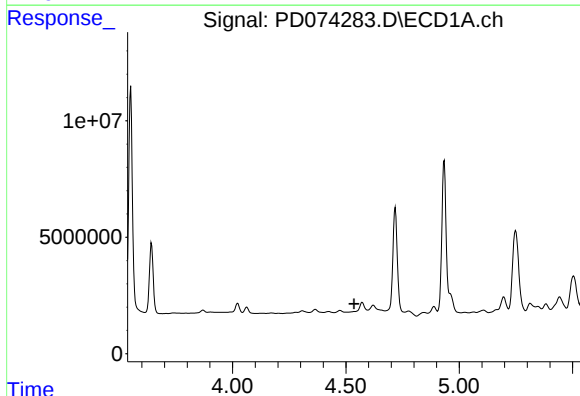
R.T.: 5.249 min  
Delta R.T.: -0.030 min  
Response: 64756690  
Conc: 19.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



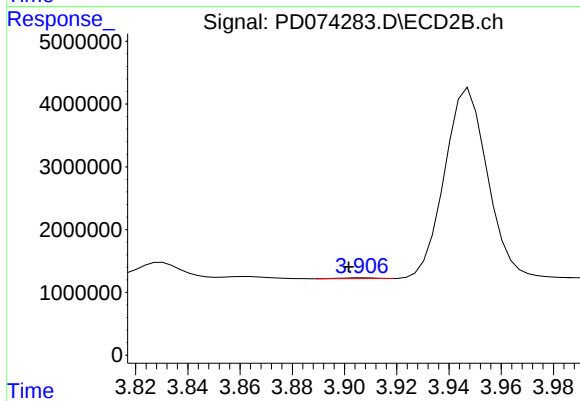
#5 Aldrin

R.T.: 4.246 min  
Delta R.T.: 0.017 min  
Response: 3148672  
Conc: 1.87 ng/ml



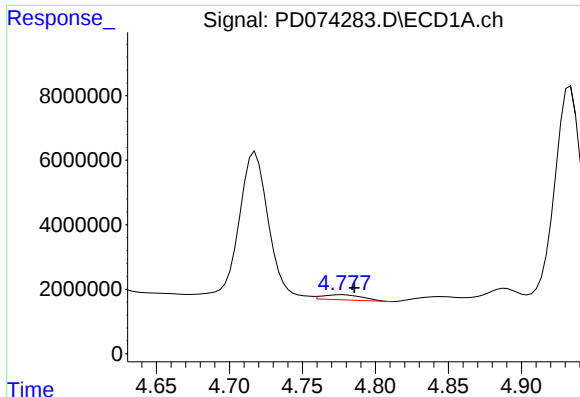
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.536 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

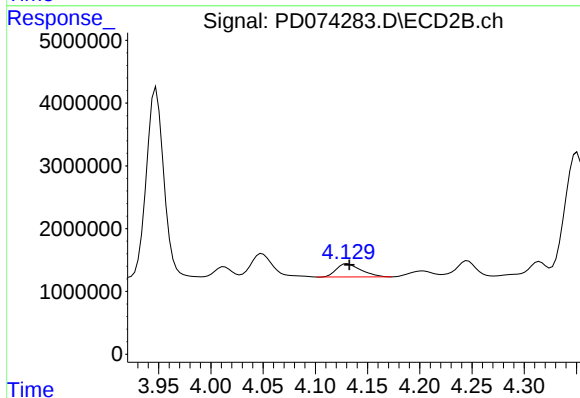
R.T.: 3.907 min  
Delta R.T.: 0.005 min  
Response: 101474  
Conc: 0.13 ng/ml



#7 delta-BHC

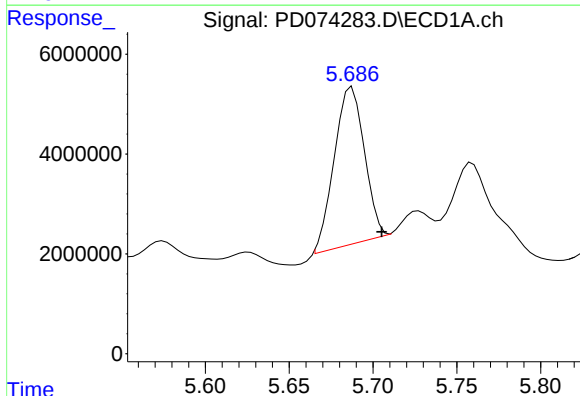
R.T.: 4.778 min  
Delta R.T.: -0.008 min  
Response: 2968319  
Conc: 1.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



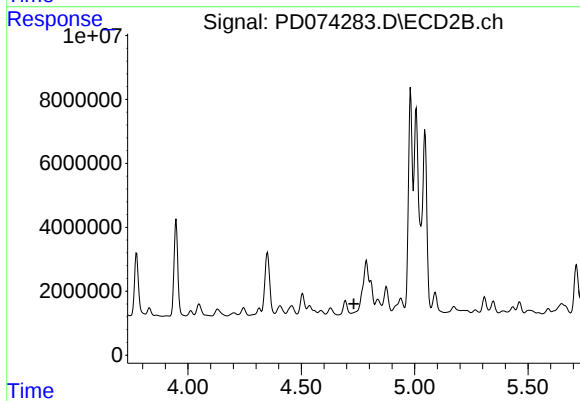
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: -0.002 min  
Response: 3430453  
Conc: 2.02 ng/ml



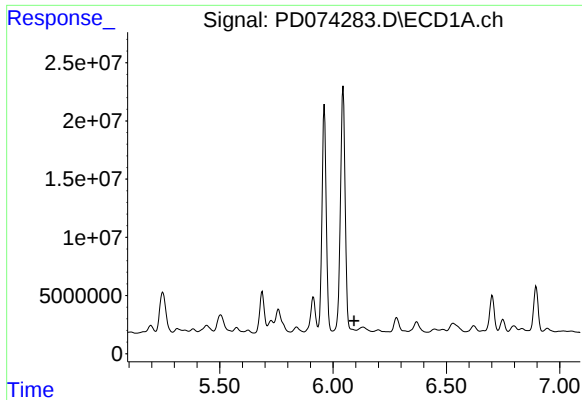
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.018 min  
Response: 39099516  
Conc: 13.90 ng/ml



#8 Heptachlor epoxide

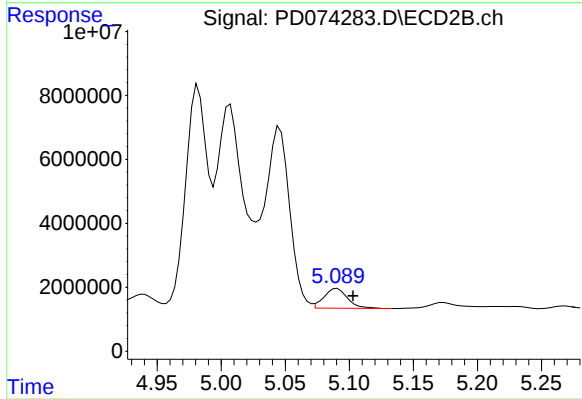
R.T.: 0.000 min  
Exp R.T. : 4.732 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

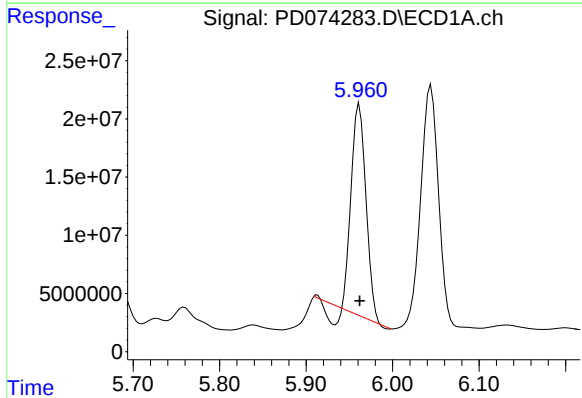
R.T.: 0.000 min  
Exp R.T.: 6.092 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



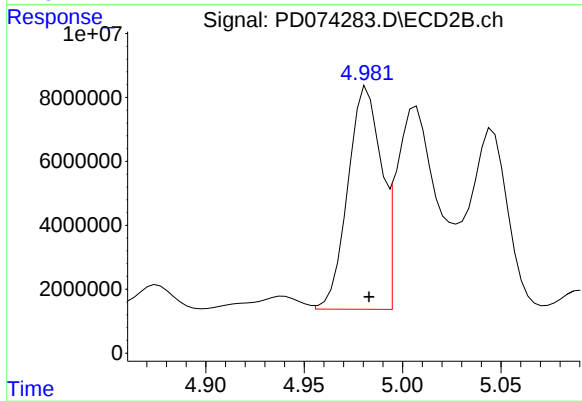
#9 Endosulfan I

R.T.: 5.091 min  
Delta R.T.: -0.012 min  
Response: 7967054  
Conc: 5.54 ng/ml



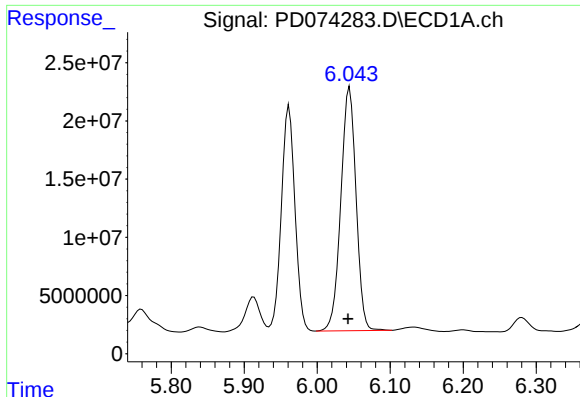
#10 gamma-Chlordane

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 203059969  
Conc: 67.66 ng/ml



#10 gamma-Chlordane

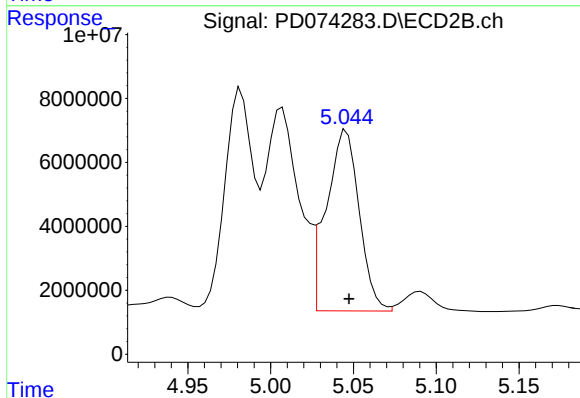
R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 81758963  
Conc: 52.66 ng/ml



#11 alpha-Chlordane

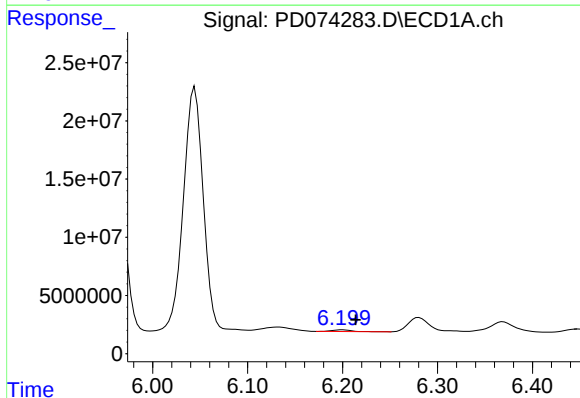
R.T.: 6.044 min  
Delta R.T.: 0.002 min  
Response: 302414568  
Conc: 100.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



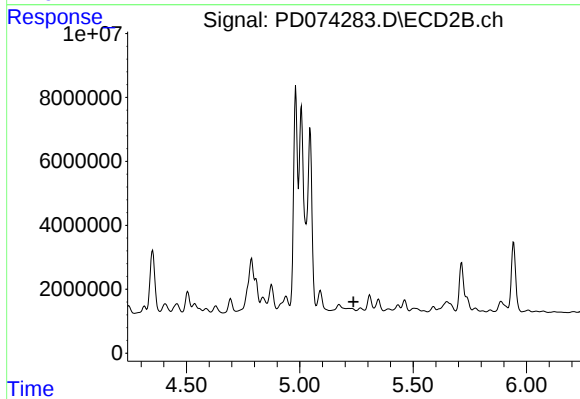
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: -0.002 min  
Response: 78260833  
Conc: 50.82 ng/ml



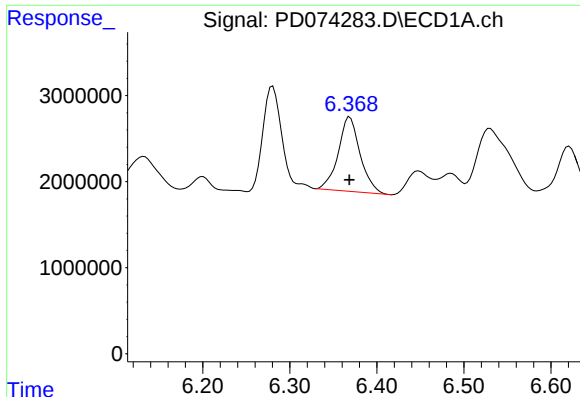
#12 4,4'-DDE

R.T.: 6.200 min  
Delta R.T.: -0.014 min  
Response: 2040761  
Conc: 0.74 ng/ml



#12 4,4'-DDE

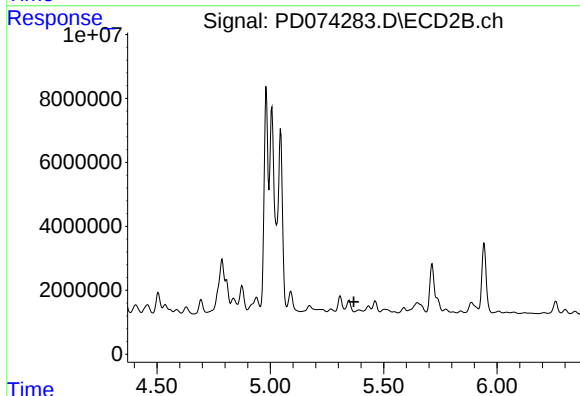
R.T.: 0.000 min  
Exp R.T. : 5.237 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

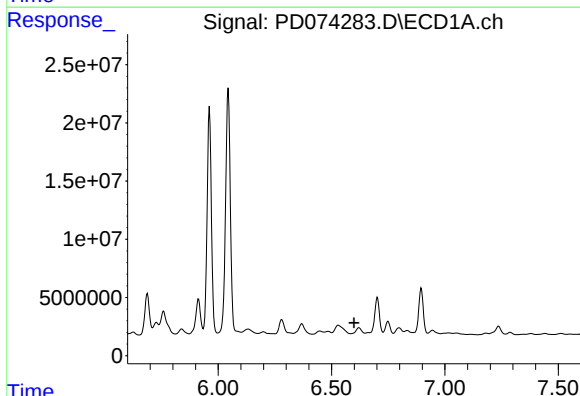
R.T.: 6.369 min  
Delta R.T.: 0.000 min  
Response: 15148493  
Conc: 5.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



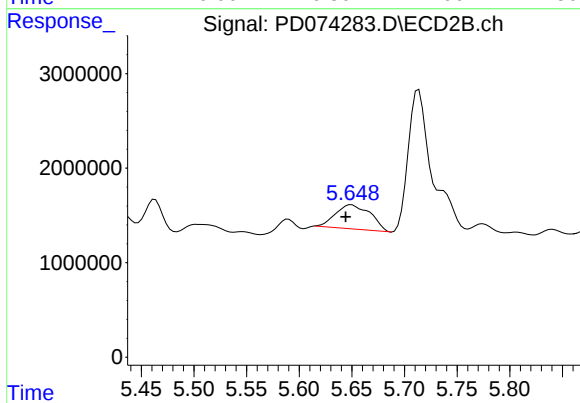
#13 Dieldrin

R.T.: 5.392 min  
Delta R.T.: 0.023 min  
Response: -1671455  
Conc: N.D.



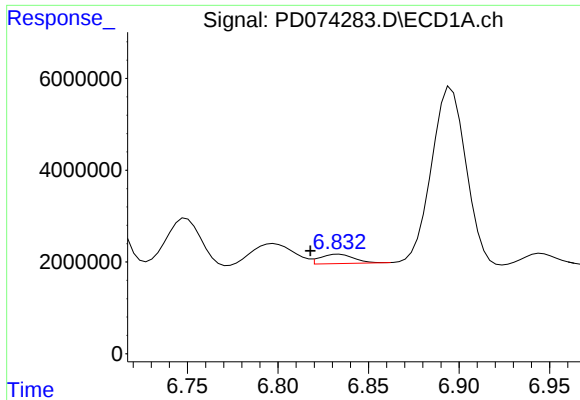
#14 Endrin

R.T.: 6.621 min  
Delta R.T.: 0.021 min  
Response: -3215963  
Conc: N.D.



#14 Endrin

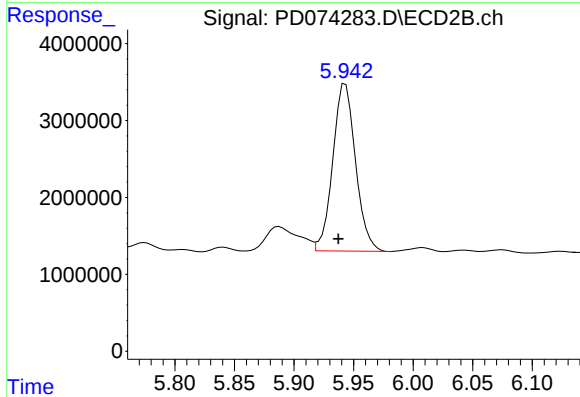
R.T.: 5.650 min  
Delta R.T.: 0.005 min  
Response: 5900745  
Conc: 4.51 ng/ml



#15 Endosulfan II

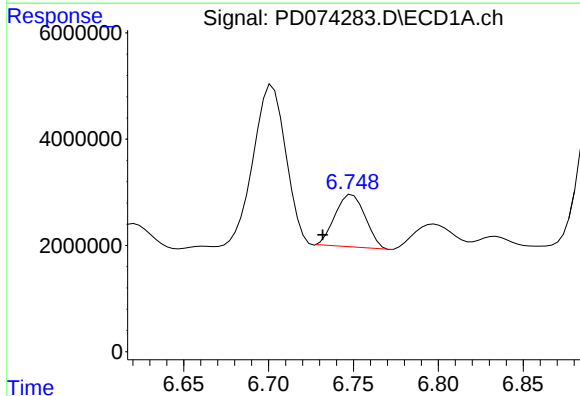
R.T.: 6.834 min  
Delta R.T.: 0.016 min  
Response: 1190878  
Conc: 0.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



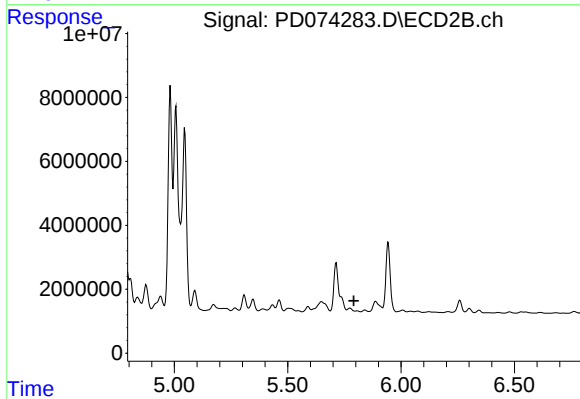
#15 Endosulfan II

R.T.: 5.943 min  
Delta R.T.: 0.006 min  
Response: 28932112  
Conc: 22.99 ng/ml



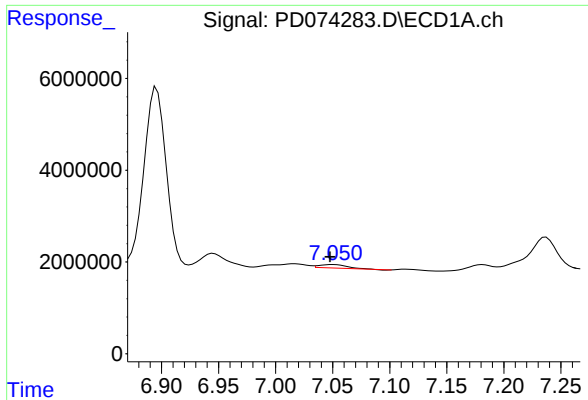
#16 4,4'-DDD

R.T.: 6.749 min  
Delta R.T.: 0.017 min  
Response: 12199951  
Conc: 5.44 ng/ml



#16 4,4'-DDD

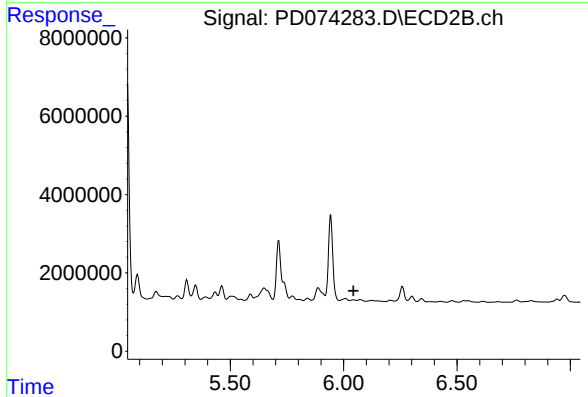
R.T.: 0.000 min  
Exp R.T. : 5.792 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

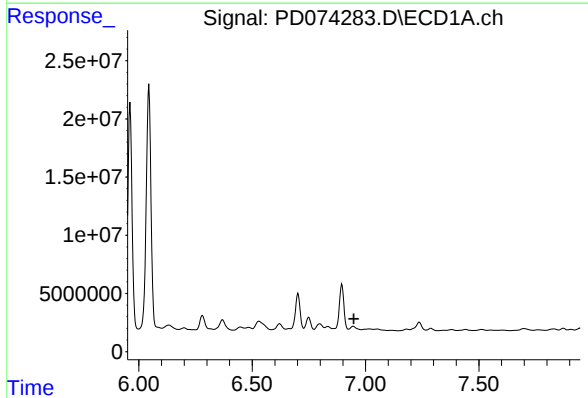
R.T.: 7.051 min  
Delta R.T.: 0.003 min  
Response: 1229714  
Conc: 0.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



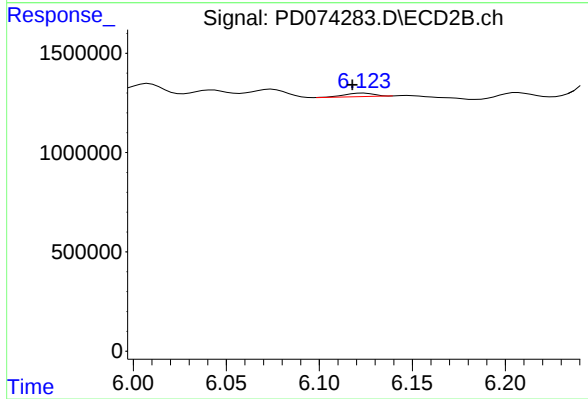
#17 4,4'-DDT

R.T.: 6.043 min  
Delta R.T.: -0.002 min  
Response: -340166  
Conc: N.D.



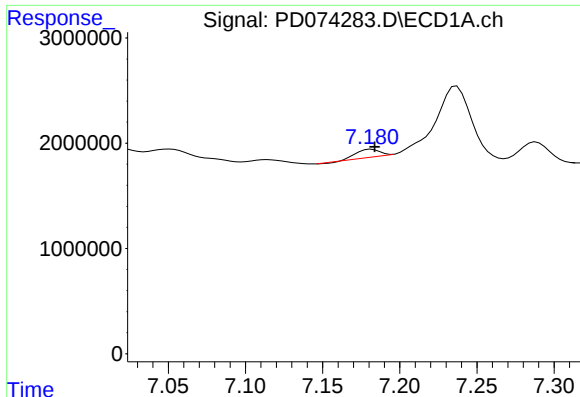
#18 Endrin aldehyde

R.T.: 6.946 min  
Delta R.T.: -0.003 min  
Response: -8064507  
Conc: N.D.



#18 Endrin aldehyde

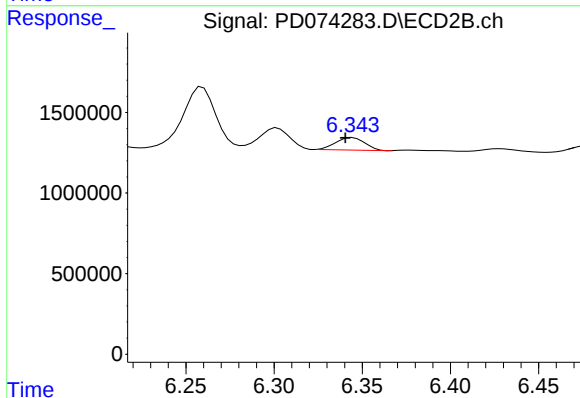
R.T.: 6.124 min  
Delta R.T.: 0.006 min  
Response: 192434  
Conc: 0.19 ng/ml



#19 Endosulfan Sulfate

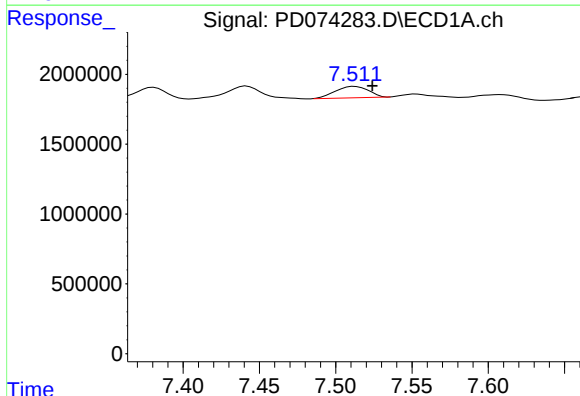
R.T.: 7.182 min  
Delta R.T.: -0.002 min  
Response: 746555  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



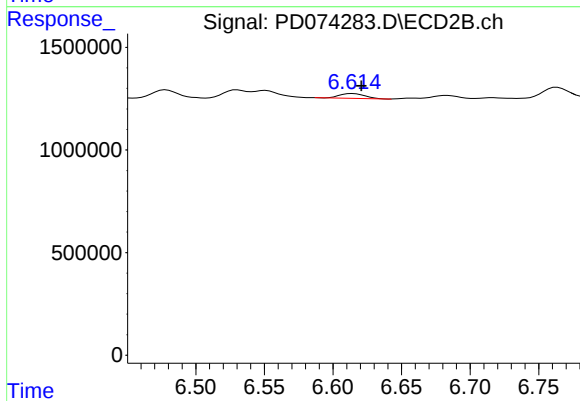
#19 Endosulfan Sulfate

R.T.: 6.345 min  
Delta R.T.: 0.004 min  
Response: 886190  
Conc: 0.73 ng/ml



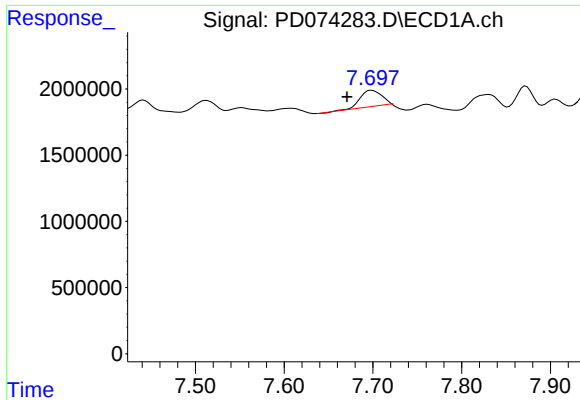
#20 Methoxychlor

R.T.: 7.512 min  
Delta R.T.: -0.012 min  
Response: 1229455  
Conc: 0.88 ng/ml



#20 Methoxychlor

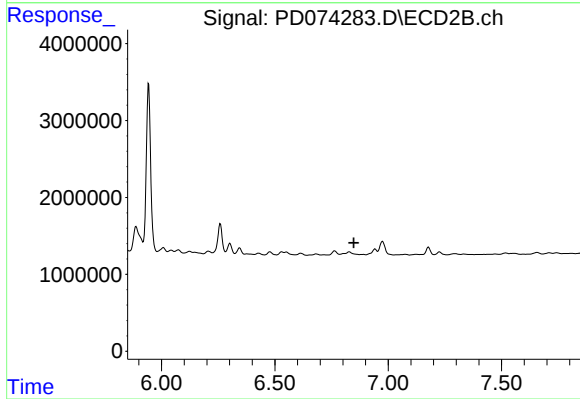
R.T.: 6.615 min  
Delta R.T.: -0.006 min  
Response: 300564  
Conc: 0.44 ng/ml



#21 Endrin ketone

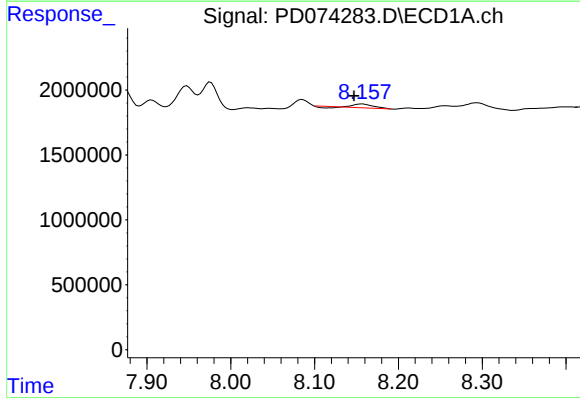
R.T.: 7.699 min  
Delta R.T.: 0.028 min  
Response: 2023045  
Conc: 0.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



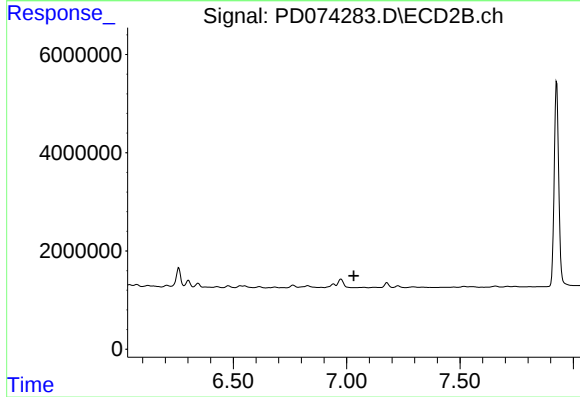
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.848 min  
Response: 0  
Conc: N.D.



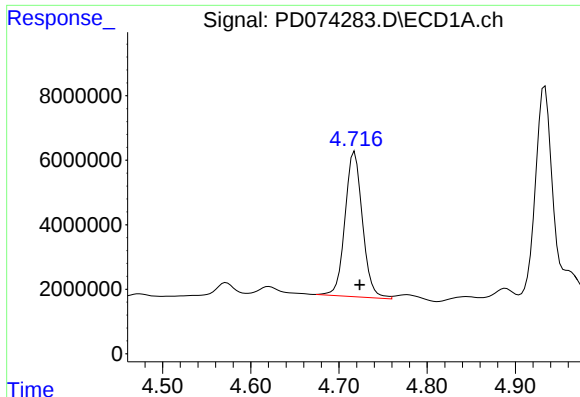
#22 Mirex

R.T.: 8.157 min  
Delta R.T.: 0.010 min  
Response: 336179  
Conc: 0.16 ng/ml



#22 Mirex

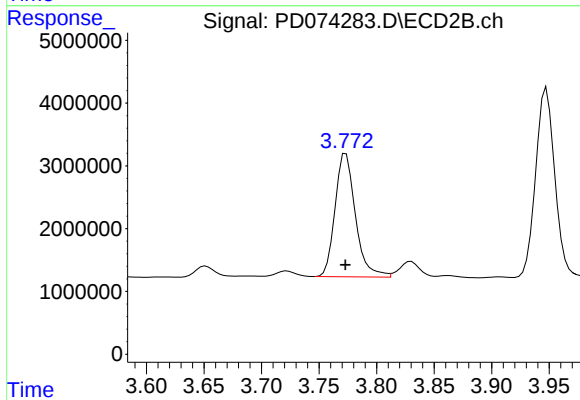
R.T.: 0.000 min  
Exp R.T. : 7.032 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

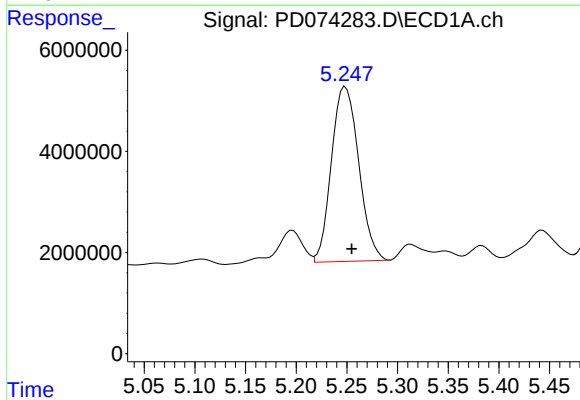
R.T.: 4.718 min  
Delta R.T.: -0.006 min  
Response: 61852332  
Conc: 518.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



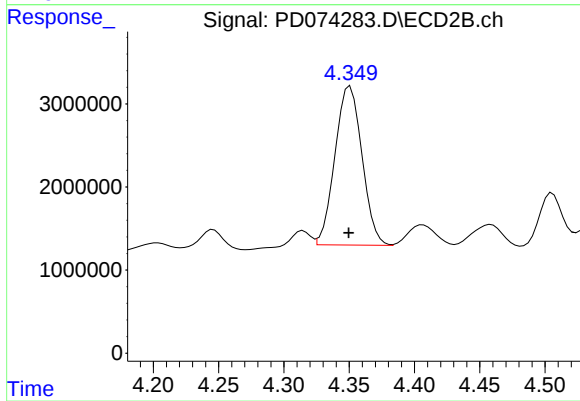
#23 Chlordane-1

R.T.: 3.773 min  
Delta R.T.: 0.000 min  
Response: 24206291  
Conc: 480.36 ng/ml



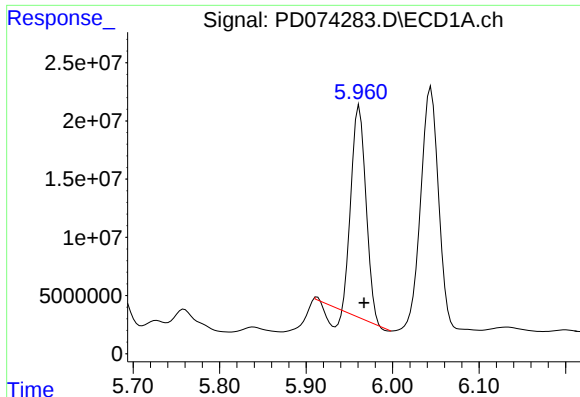
#24 Chlordane-2

R.T.: 5.249 min  
Delta R.T.: -0.006 min  
Response: 64756690  
Conc: 483.29 ng/ml



#24 Chlordane-2

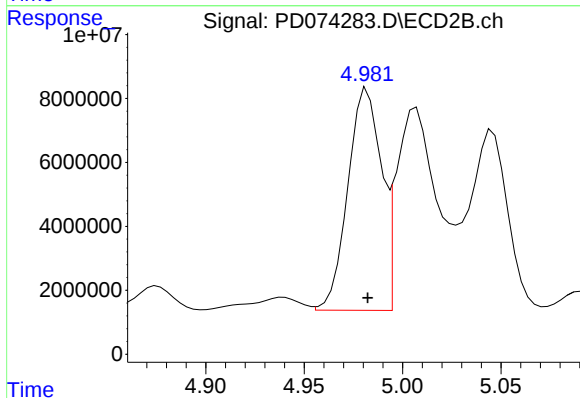
R.T.: 4.351 min  
Delta R.T.: 0.001 min  
Response: 27588347  
Conc: 473.37 ng/ml



#25 Chlordane-3

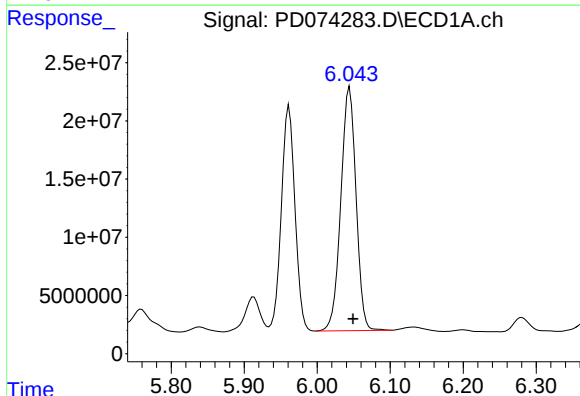
R.T.: 5.961 min  
Delta R.T.: -0.006 min  
Response: 203059969  
Conc: 410.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



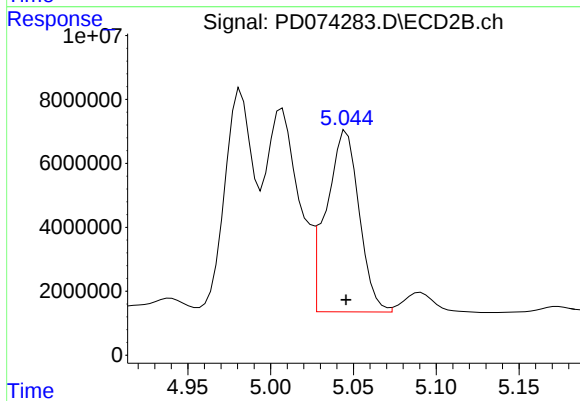
#25 Chlordane-3

R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 81758963  
Conc: 487.08 ng/ml



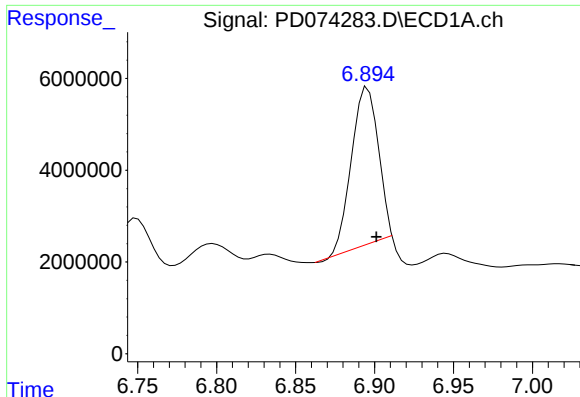
#26 Chlordane-4

R.T.: 6.044 min  
Delta R.T.: -0.005 min  
Response: 302414568  
Conc: 503.41 ng/ml



#26 Chlordane-4

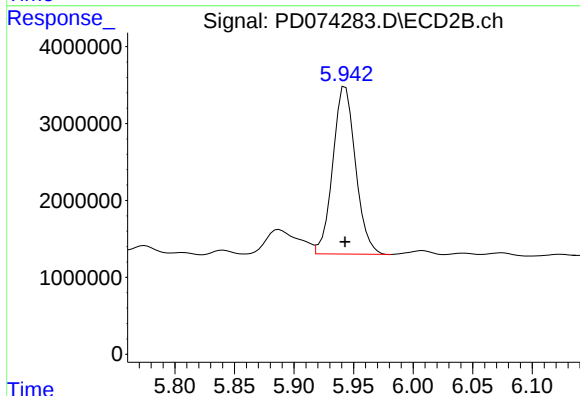
R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 78260833  
Conc: 485.09 ng/ml



#27 Chlordane-5

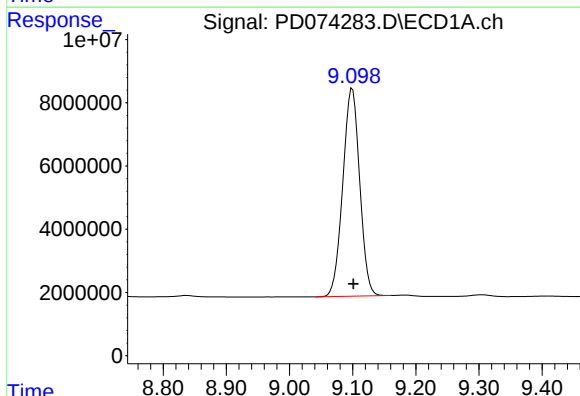
R.T.: 6.896 min  
Delta R.T.: -0.005 min  
Response: 40980049  
Conc: 397.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



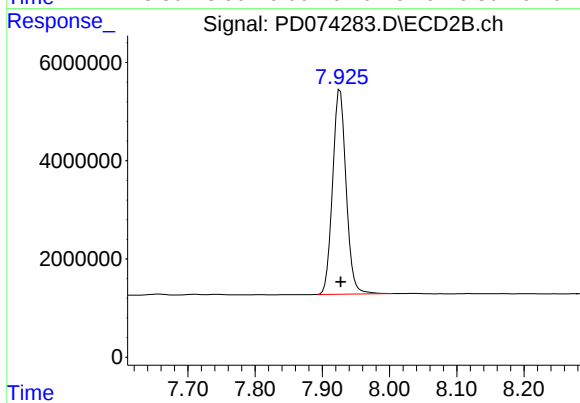
#27 Chlordane-5

R.T.: 5.943 min  
Delta R.T.: 0.000 min  
Response: 28932112  
Conc: 479.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min  
Delta R.T.: -0.002 min  
Response: 122024384  
Conc: 45.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: -0.001 min  
Response: 57715389  
Conc: 47.04 ng/ml