

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031523\  
 Data File : PD074240.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2023 15:25  
 Operator : AR\AJ  
 Sample : 01627-01  
 Misc : PEST LOD 2.5PPB SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 21:57:27 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  | 2.772 | 47221397 | 23195846 | 20.244 | 19.060   |
| 2)                          | SA Decachlor... | 9.100  | 7.926 | 55260675 | 25664927 | 20.661 | 20.918   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.007  | 3.275 | 9041163  | 3987423  | 2.330  | 2.146    |
| 3)                          | MA gamma-BHC... | 4.341  | 3.606 | 8824587  | 3985907  | 2.515  | 2.327    |
| 4)                          | MA Heptachlor   | 4.934  | 3.948 | 9391059  | 3953687  | 2.741  | 2.318    |
| 5)                          | MB Aldrin       | 5.277  | 4.229 | 9416132  | 4040226  | 2.796  | 2.395    |
| 6)                          | B beta-BHC      | 4.536  | 3.901 | 4645978  | 2072589  | 3.144  | 2.745    |
| 7)                          | B delta-BHC     | 4.784  | 4.132 | 13646155 | 3937755  | 4.973  | 2.313 #  |
| 8)                          | B Heptachlo...  | 5.704  | 4.731 | 10361033 | 3891043  | 3.684  | 2.535 #  |
| 9)                          | A Endosulfan I  | 6.092  | 5.102 | 8171832  | 3493206  | 2.874  | 2.427    |
| 10)                         | B gamma-Chl...  | 5.961  | 4.982 | 8564707  | 3850103  | 2.854  | 2.480    |
| 11)                         | B alpha-Chl...  | 6.041  | 5.046 | 8743164  | 3901406  | 2.899  | 2.533    |
| 12)                         | B 4,4'-DDE      | 6.213  | 5.237 | 7377364  | 3201298  | 2.676  | 2.269    |
| 13)                         | MA Dieldrin     | 6.367  | 5.368 | 8433926  | 3678324  | 2.859  | 2.446    |
| 14)                         | MA Endrin       | 6.598  | 5.643 | 6643865  | 3296685  | 2.673  | 2.522    |
| 15)                         | B Endosulfa...  | 6.817  | 5.937 | 8480215  | 3482740  | 3.292  | 2.768    |
| 16)                         | A 4,4'-DDD      | 6.731  | 5.791 | 6140032  | 2851275  | 2.737  | 2.443    |
| 17)                         | MA 4,4'-DDT     | 7.047  | 6.043 | 6853408  | 2894790  | 2.689  | 2.357    |
| 18)                         | B Endrin al...  | 6.948  | 6.117 | 6674902  | 3076314  | 3.339  | 3.029    |
| 19)                         | B Endosulfa...  | 7.183  | 6.340 | 7580723  | 3349686  | 3.070  | 2.744    |
| 20)                         | A Methoxychlor  | 7.522  | 6.620 | 4413059  | 1876760  | 3.154  | 2.774    |
| 21)                         | B Endrin ke...  | 7.670  | 6.846 | 9066115  | 3973957  | 3.257  | 2.694    |
| 22)                         | Mirex           | 8.146  | 7.031 | 7364404  | 3521117  | 3.468  | 3.100    |
| 24)                         | Chlordane-2     | 5.277f | 0.000 | 9416132  | 0        | 75.462 | N.D. #   |
| 25)                         | Chlordane-3     | 5.961  | 4.982 | 8564707  | 3850103  | 17.725 | 22.510 # |
| 26)                         | Chlordane-4     | 6.041  | 5.046 | 8743164  | 3901406  | 14.858 | 23.891 # |
| 27)                         | Chlordane-5     | 0.000  | 5.937 | 0        | 3482740  | N.D.   | 56.565 # |
| -----                       |                 |        |       |          |          |        |          |

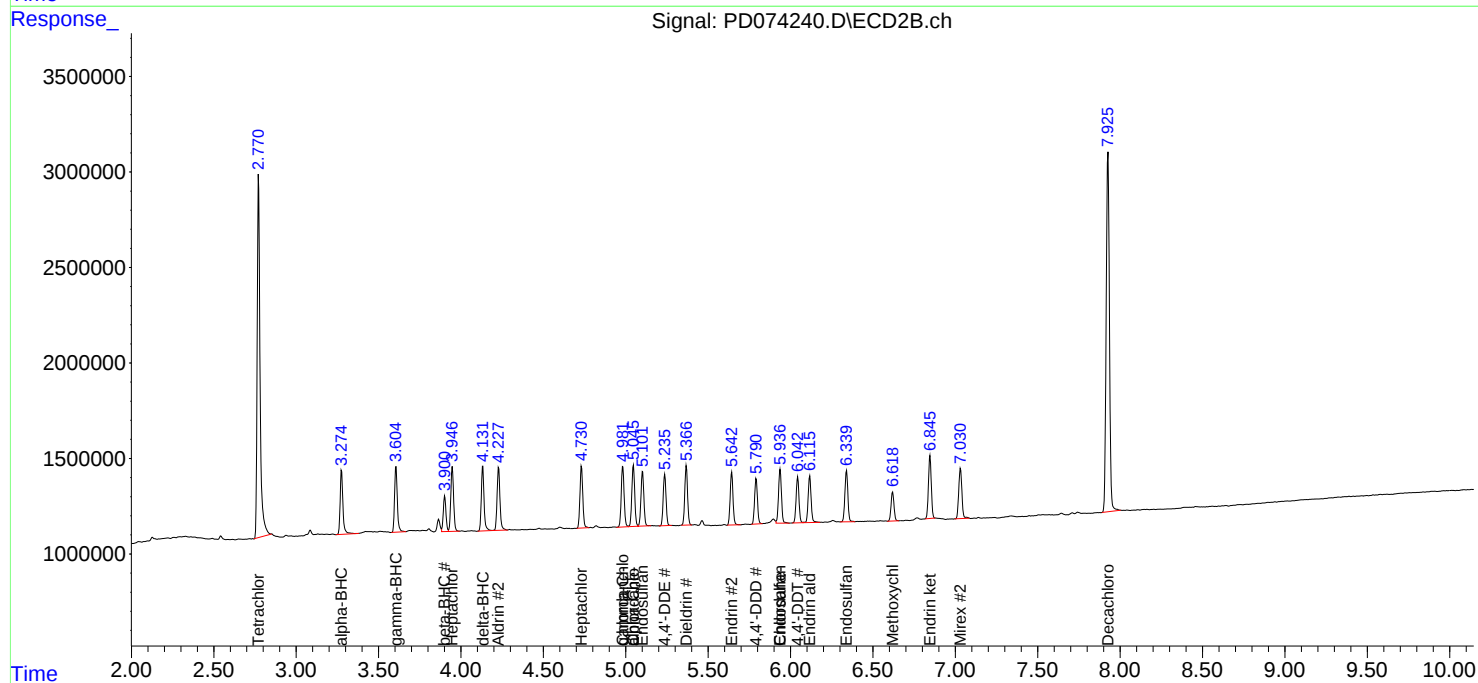
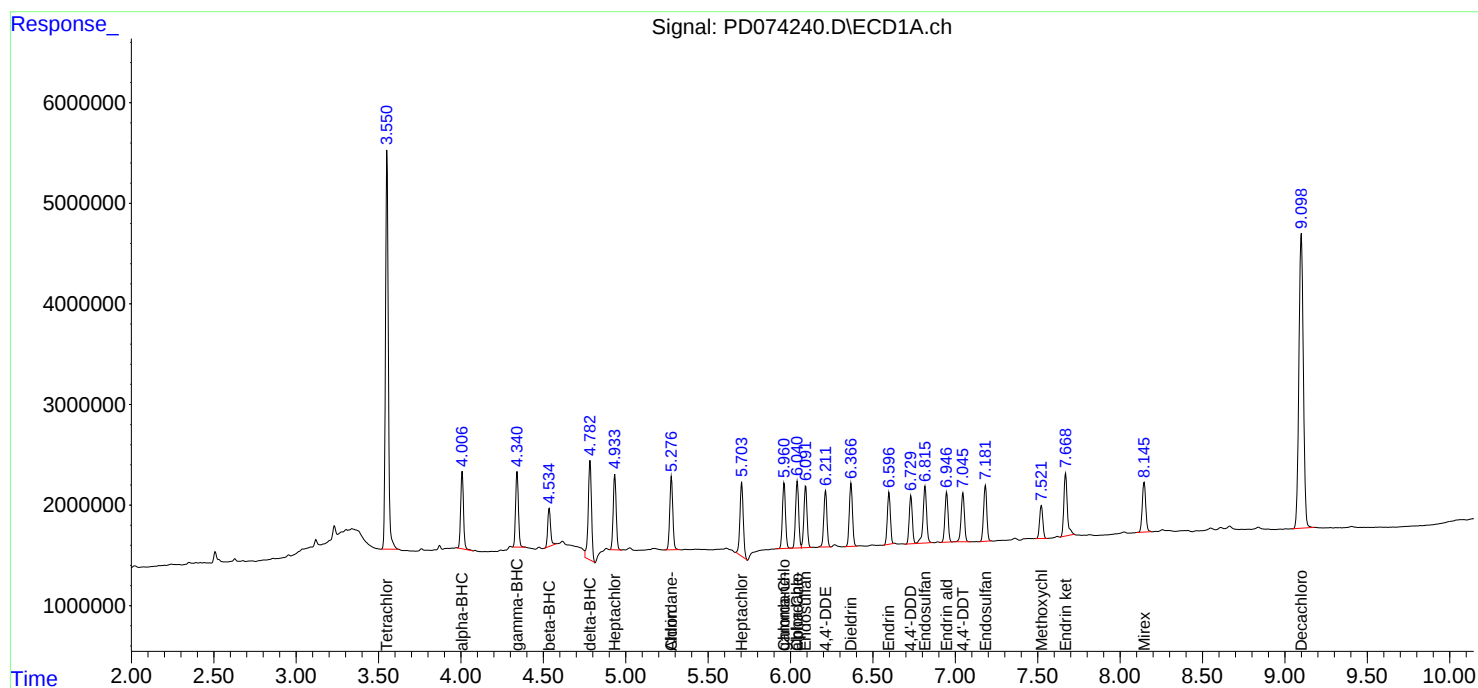
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

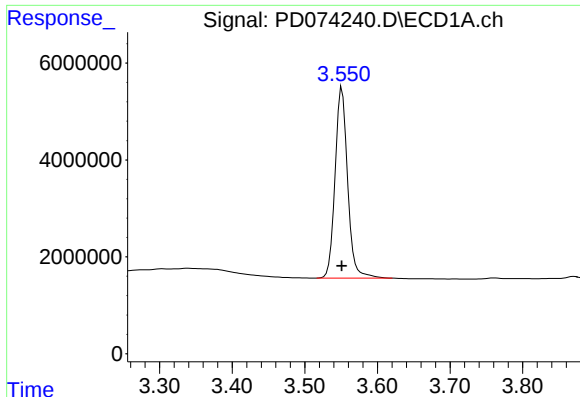
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031523\  
Data File : PD074240.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2023 15:25  
Operator : AR\AJ  
Sample : 01627-01  
Misc : PEST LOD 2.5PPB SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 21:57:27 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

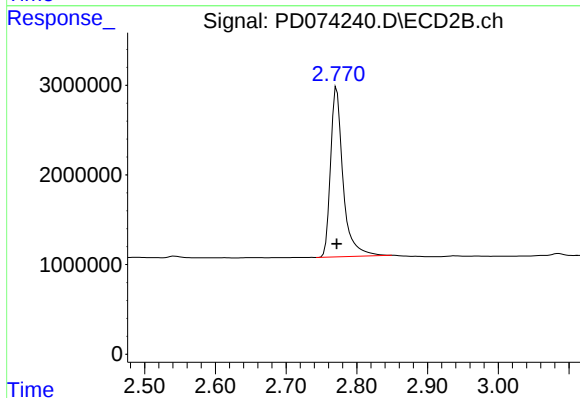




#1 Tetrachloro-m-xylene

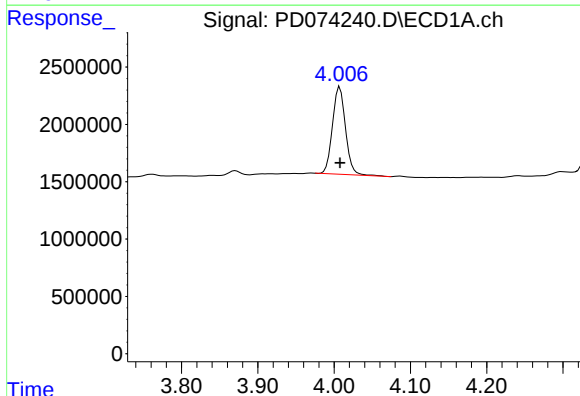
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 47221397  
Conc: 20.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



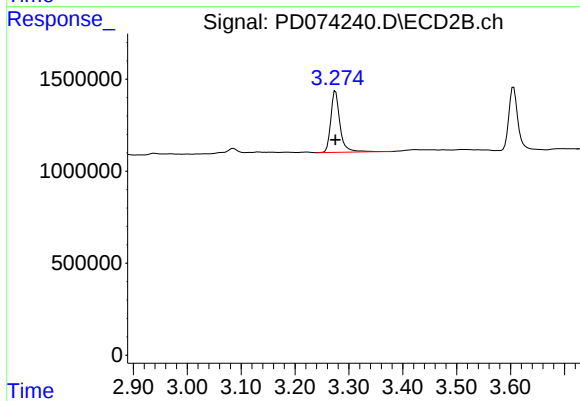
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: 0.000 min  
Response: 23195846  
Conc: 19.06 ng/ml



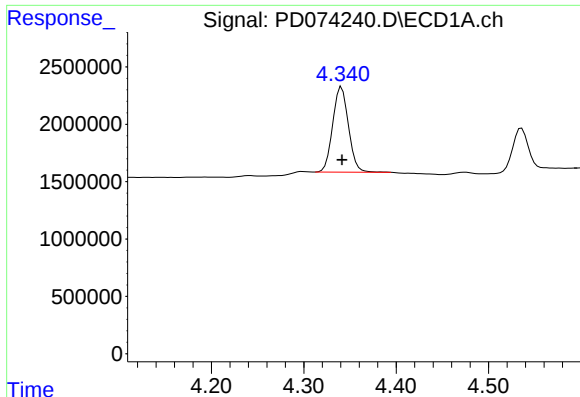
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 9041163  
Conc: 2.33 ng/ml



#2 alpha-BHC

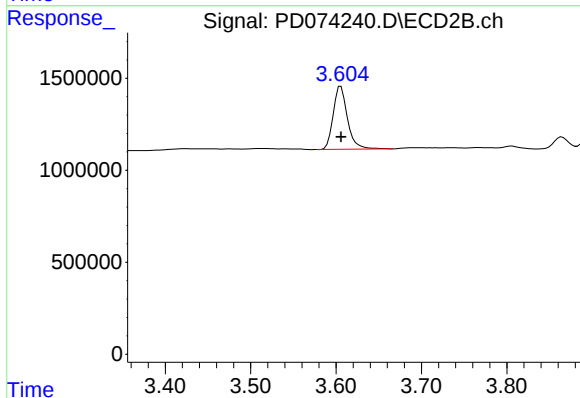
R.T.: 3.275 min  
Delta R.T.: 0.000 min  
Response: 3987423  
Conc: 2.15 ng/ml



#3 gamma-BHC (Lindane)

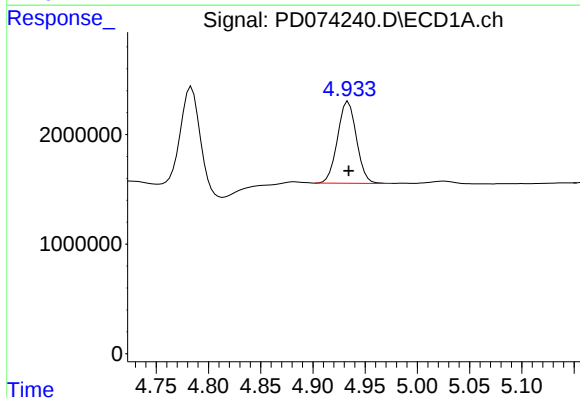
R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 8824587  
Conc: 2.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



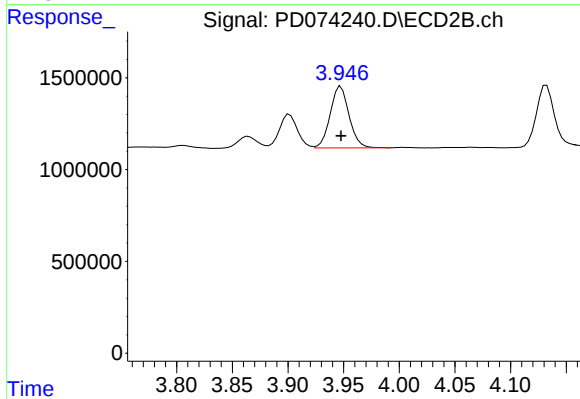
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 3985907  
Conc: 2.33 ng/ml



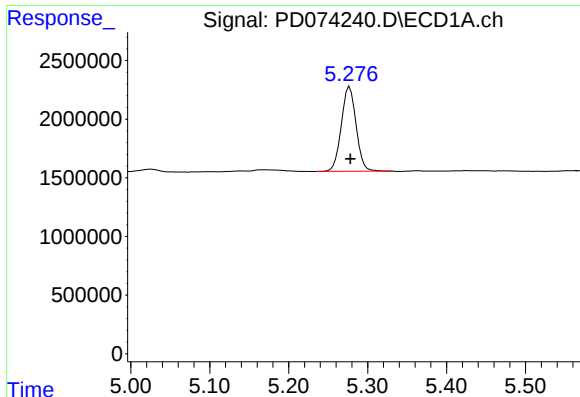
#4 Heptachlor

R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 9391059  
Conc: 2.74 ng/ml



#4 Heptachlor

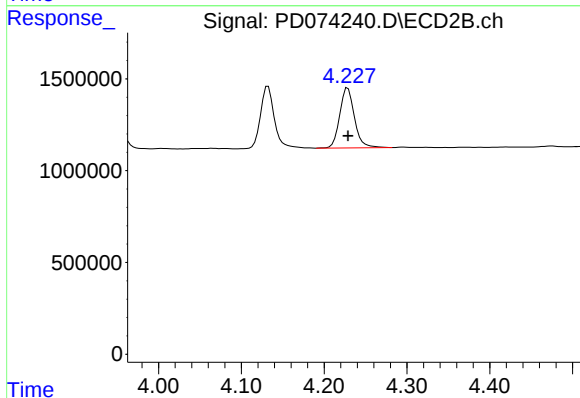
R.T.: 3.948 min  
Delta R.T.: 0.000 min  
Response: 3953687  
Conc: 2.32 ng/ml



#5 Aldrin

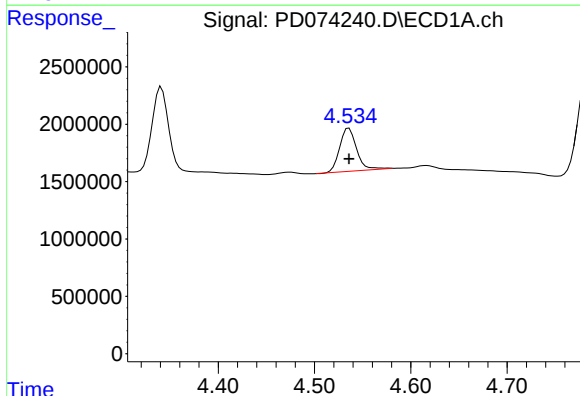
R.T.: 5.277 min  
Delta R.T.: 0.000 min  
Response: 9416132  
Conc: 2.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



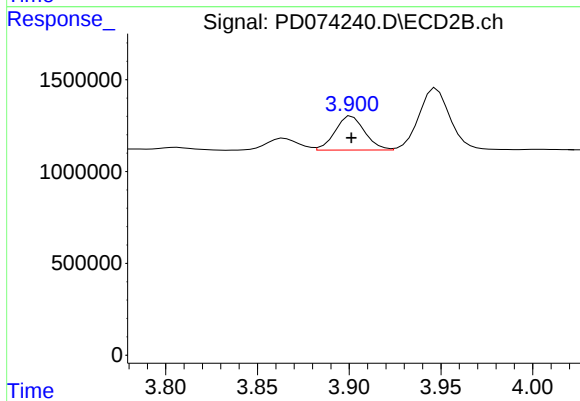
#5 Aldrin

R.T.: 4.229 min  
Delta R.T.: 0.000 min  
Response: 4040226  
Conc: 2.39 ng/ml



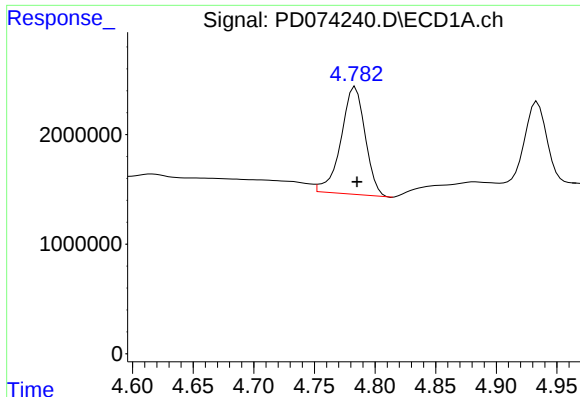
#6 beta-BHC

R.T.: 4.536 min  
Delta R.T.: 0.000 min  
Response: 4645978  
Conc: 3.14 ng/ml



#6 beta-BHC

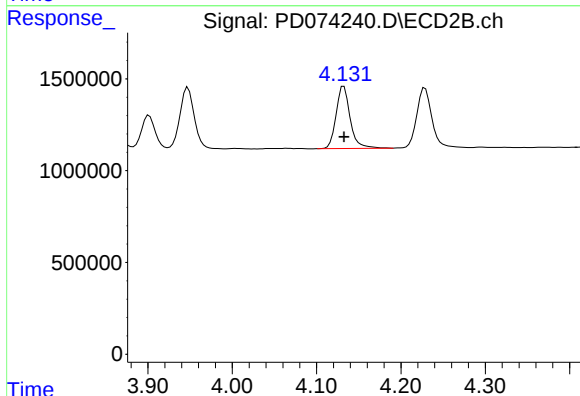
R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 2072589  
Conc: 2.74 ng/ml



#7 delta-BHC

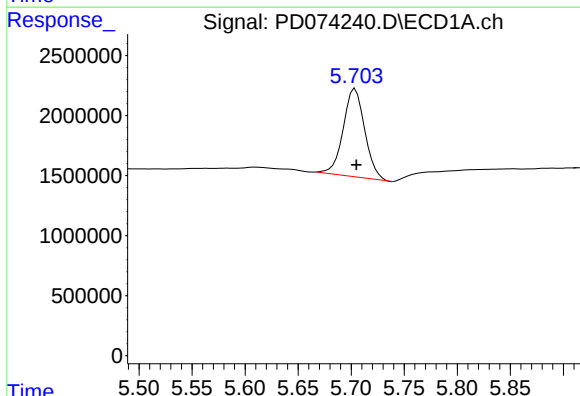
R.T.: 4.784 min  
Delta R.T.: -0.001 min  
Response: 13646155  
Conc: 4.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



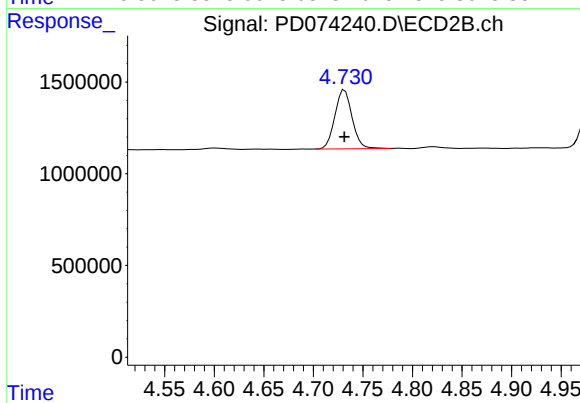
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: 0.000 min  
Response: 3937755  
Conc: 2.31 ng/ml



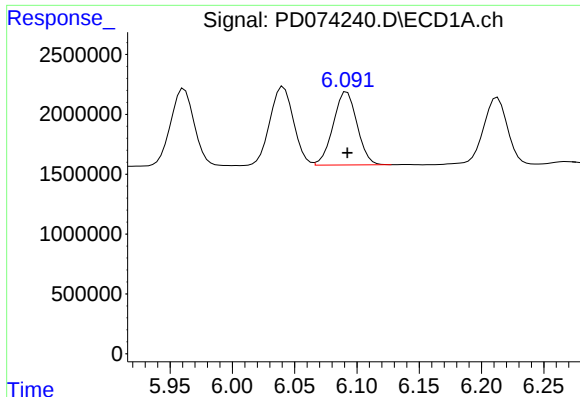
#8 Heptachlor epoxide

R.T.: 5.704 min  
Delta R.T.: -0.001 min  
Response: 10361033  
Conc: 3.68 ng/ml



#8 Heptachlor epoxide

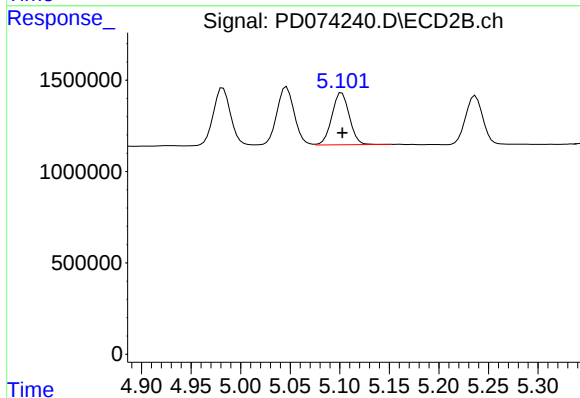
R.T.: 4.731 min  
Delta R.T.: 0.000 min  
Response: 3891043  
Conc: 2.53 ng/ml



#9 Endosulfan I

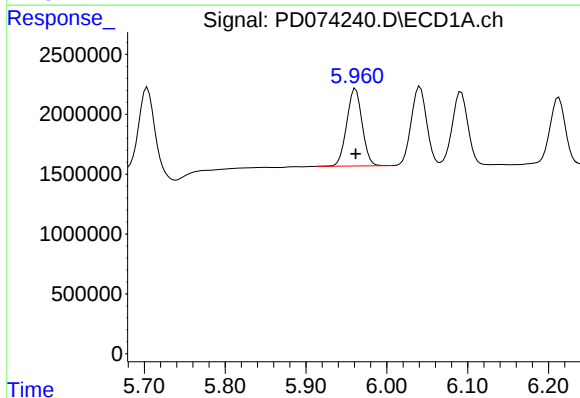
R.T.: 6.092 min  
Delta R.T.: 0.000 min  
Response: 8171832  
Conc: 2.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



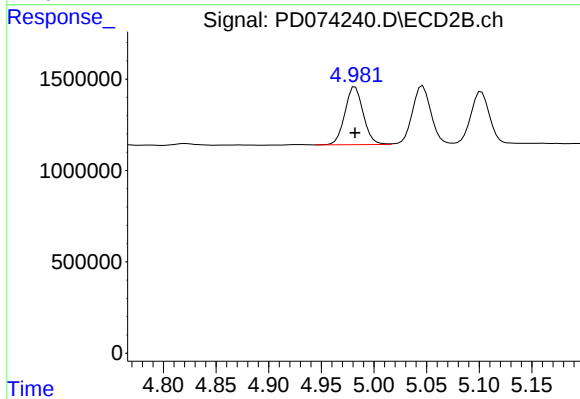
#9 Endosulfan I

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 3493206  
Conc: 2.43 ng/ml



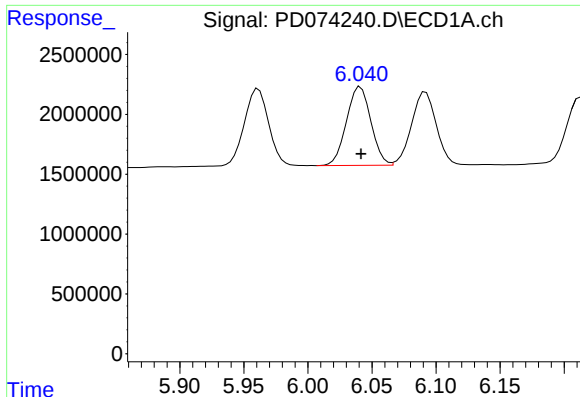
#10 gamma-Chlordane

R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 8564707  
Conc: 2.85 ng/ml



#10 gamma-Chlordane

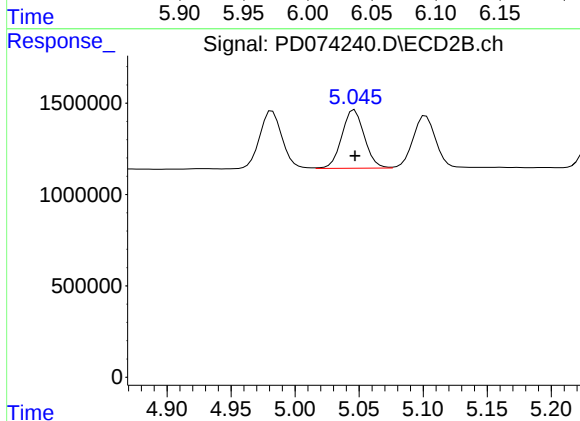
R.T.: 4.982 min  
Delta R.T.: 0.000 min  
Response: 3850103  
Conc: 2.48 ng/ml



#11 alpha-Chlordane

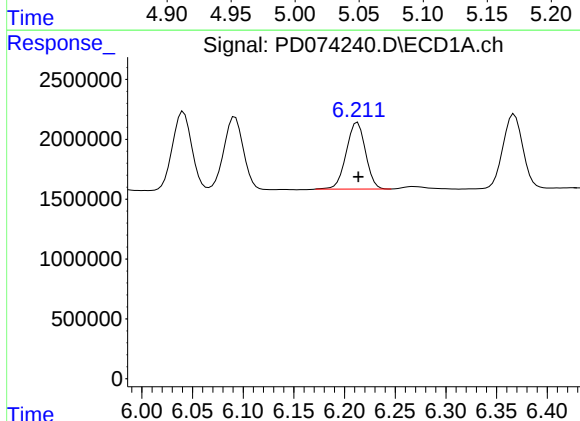
R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 8743164  
Conc: 2.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



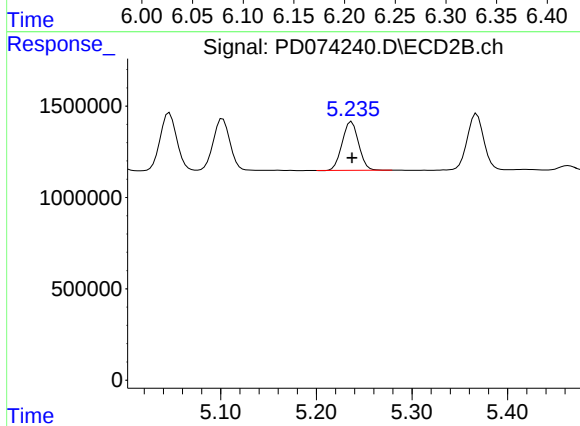
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 3901406  
Conc: 2.53 ng/ml



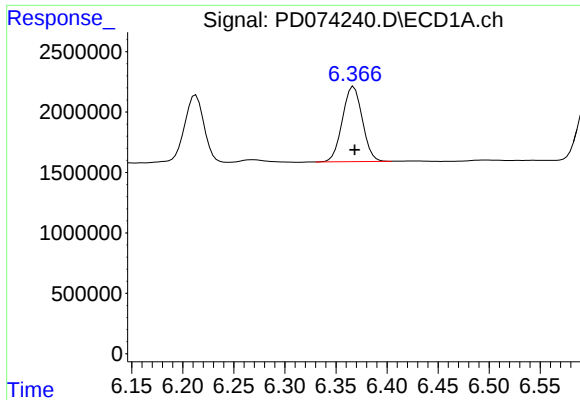
#12 4,4'-DDE

R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 7377364  
Conc: 2.68 ng/ml



#12 4,4'-DDE

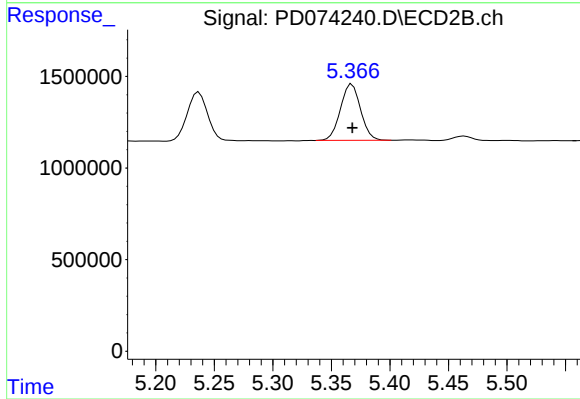
R.T.: 5.237 min  
Delta R.T.: 0.000 min  
Response: 3201298  
Conc: 2.27 ng/ml



#13 Dieldrin

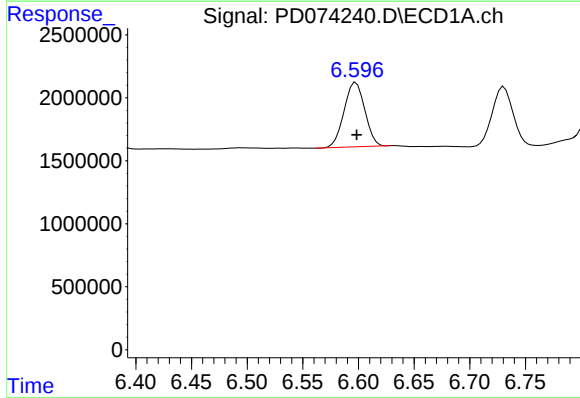
R.T.: 6.367 min  
Delta R.T.: -0.001 min  
Response: 8433926  
Conc: 2.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



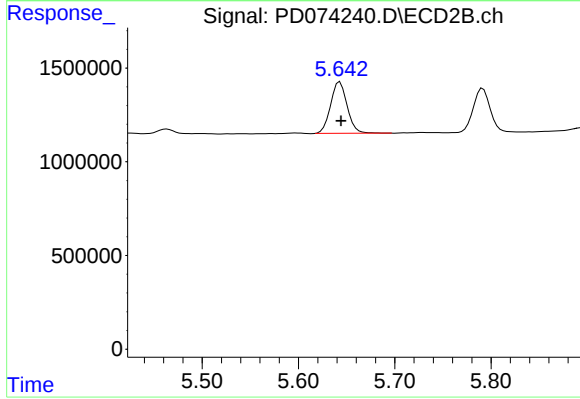
#13 Dieldrin

R.T.: 5.368 min  
Delta R.T.: 0.000 min  
Response: 3678324  
Conc: 2.45 ng/ml



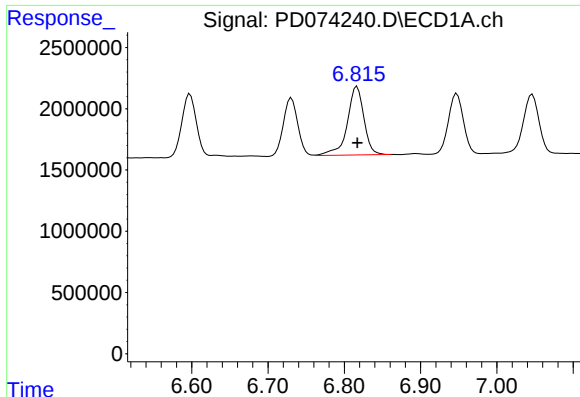
#14 Endrin

R.T.: 6.598 min  
Delta R.T.: 0.000 min  
Response: 6643865  
Conc: 2.67 ng/ml



#14 Endrin

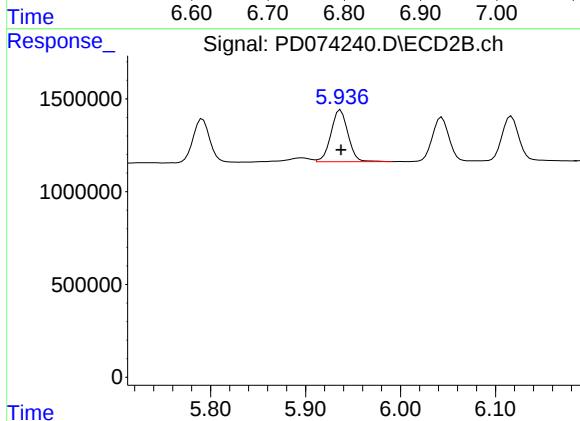
R.T.: 5.643 min  
Delta R.T.: 0.000 min  
Response: 3296685  
Conc: 2.52 ng/ml



#15 Endosulfan II

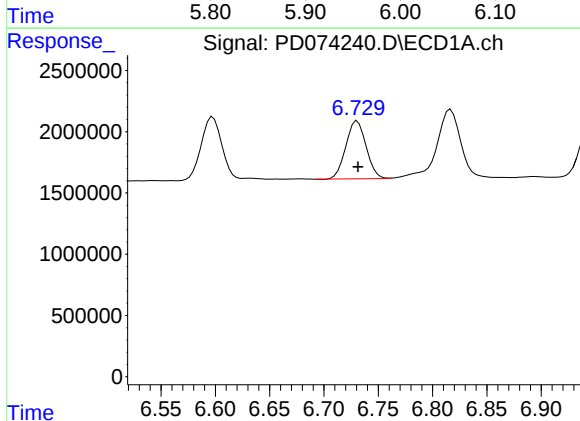
R.T.: 6.817 min  
Delta R.T.: 0.000 min  
Response: 8480215  
Conc: 3.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



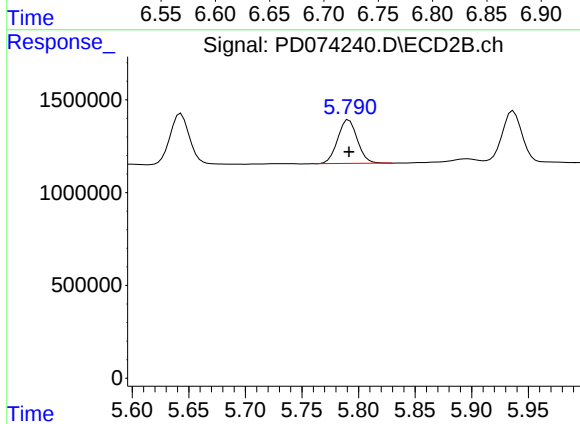
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 3482740  
Conc: 2.77 ng/ml



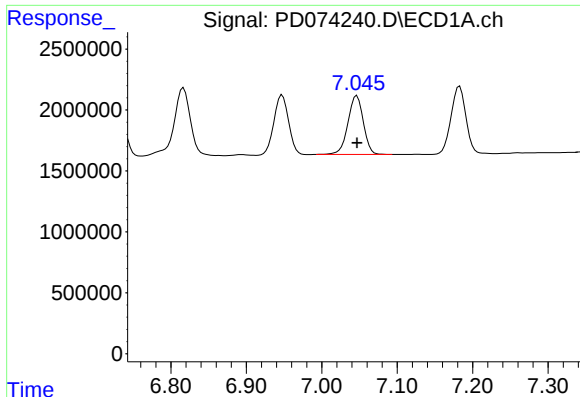
#16 4,4'-DDD

R.T.: 6.731 min  
Delta R.T.: 0.000 min  
Response: 6140032  
Conc: 2.74 ng/ml



#16 4,4'-DDD

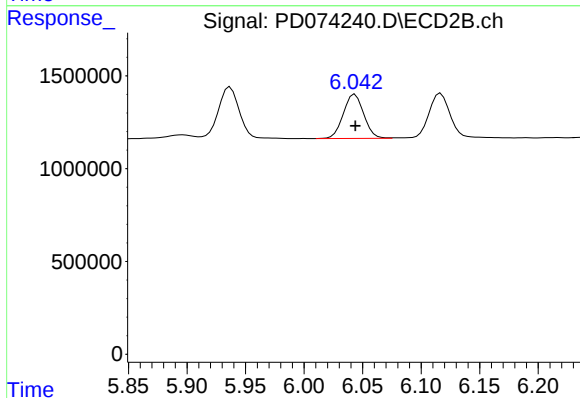
R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 2851275  
Conc: 2.44 ng/ml



#17 4,4'-DDT

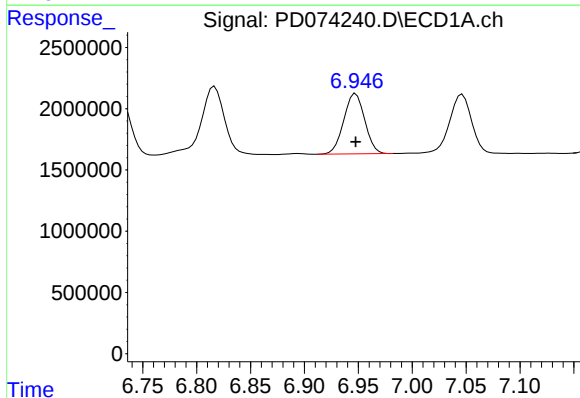
R.T.: 7.047 min  
Delta R.T.: 0.000 min  
Response: 6853408  
Conc: 2.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



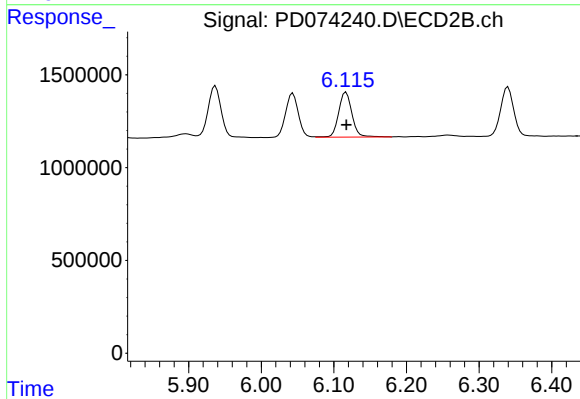
#17 4,4'-DDT

R.T.: 6.043 min  
Delta R.T.: 0.000 min  
Response: 2894790  
Conc: 2.36 ng/ml



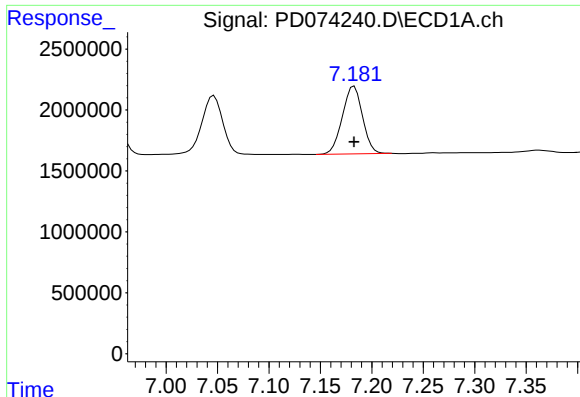
#18 Endrin aldehyde

R.T.: 6.948 min  
Delta R.T.: 0.000 min  
Response: 6674902  
Conc: 3.34 ng/ml



#18 Endrin aldehyde

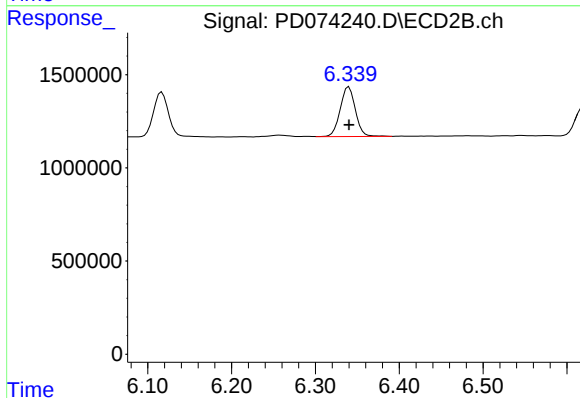
R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 3076314  
Conc: 3.03 ng/ml



#19 Endosulfan Sulfate

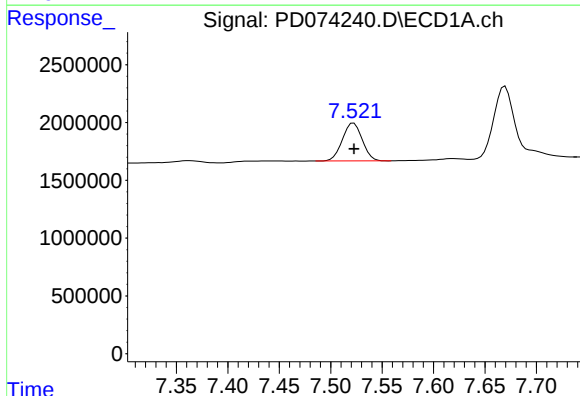
R.T.: 7.183 min  
Delta R.T.: 0.000 min  
Response: 7580723  
Conc: 3.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



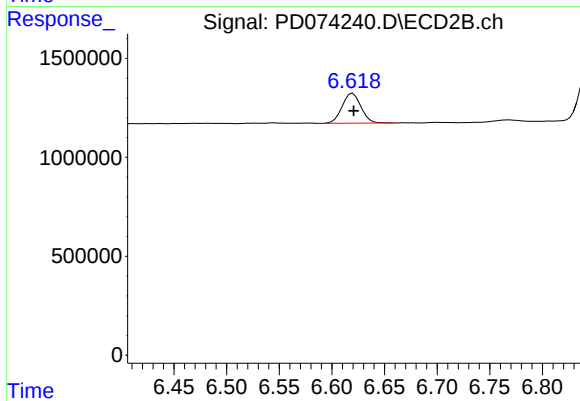
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 3349686  
Conc: 2.74 ng/ml



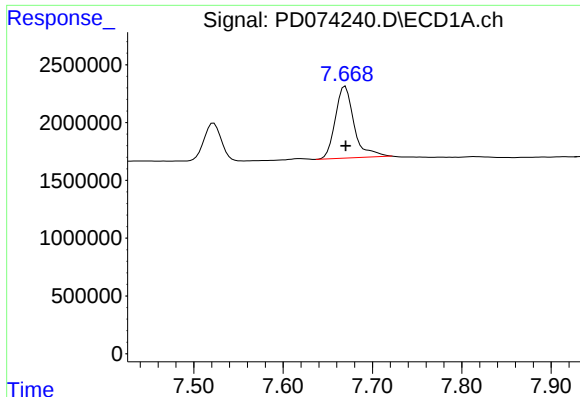
#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: 0.000 min  
Response: 4413059  
Conc: 3.15 ng/ml



#20 Methoxychlor

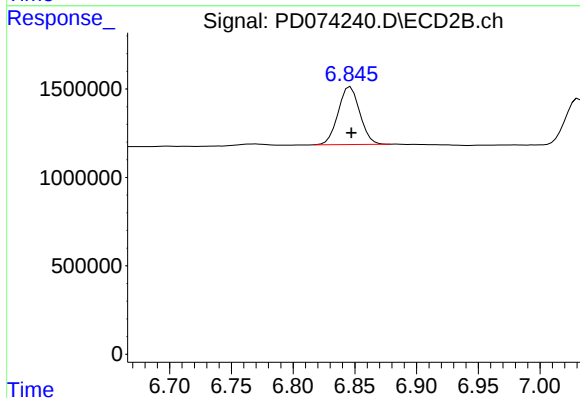
R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 1876760  
Conc: 2.77 ng/ml



#21 Endrin ketone

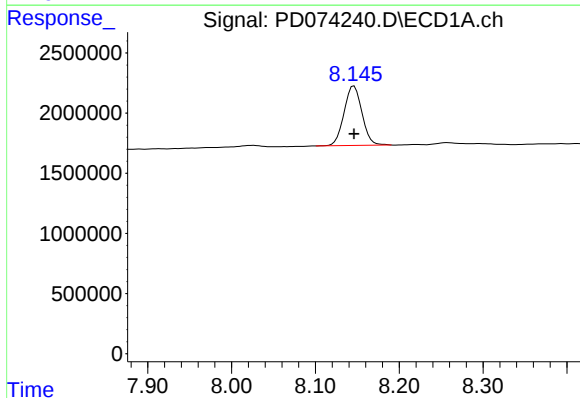
R.T.: 7.670 min  
Delta R.T.: 0.000 min  
Response: 9066115  
Conc: 3.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



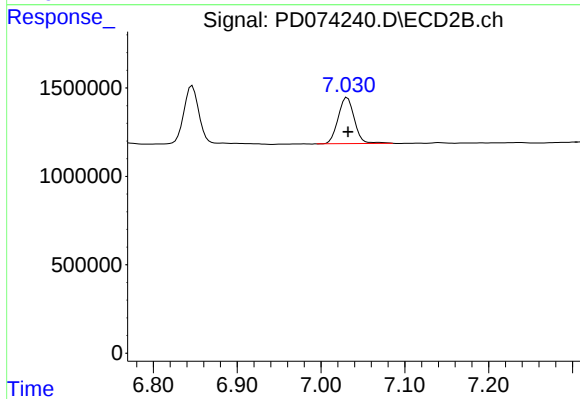
#21 Endrin ketone

R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 3973957  
Conc: 2.69 ng/ml



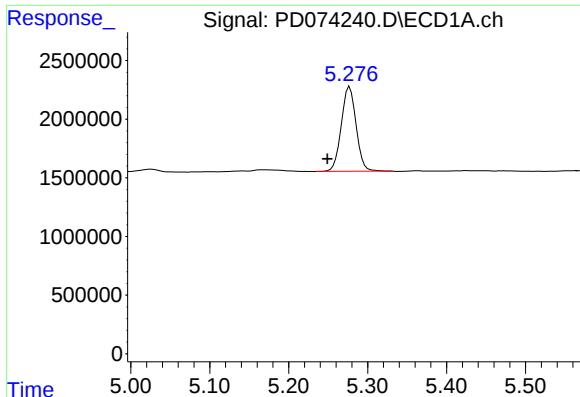
#22 Mirex

R.T.: 8.146 min  
Delta R.T.: 0.000 min  
Response: 7364404  
Conc: 3.47 ng/ml



#22 Mirex

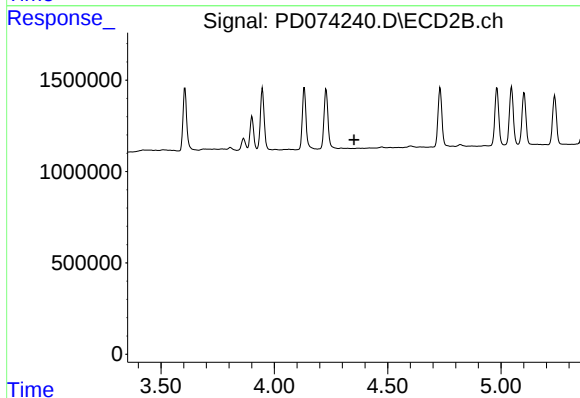
R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 3521117  
Conc: 3.10 ng/ml



#24 Chlordane-2

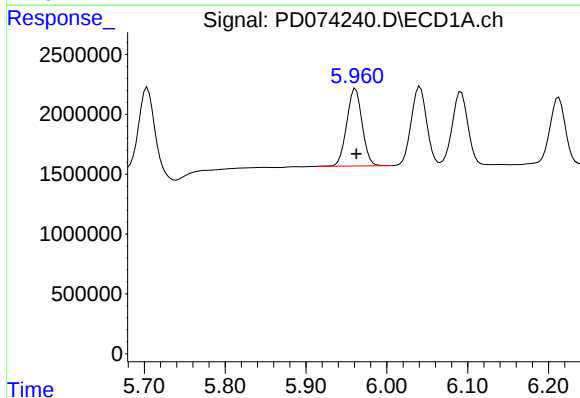
R.T.: 5.277 min  
Delta R.T.: 0.028 min  
Response: 9416132  
Conc: 75.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



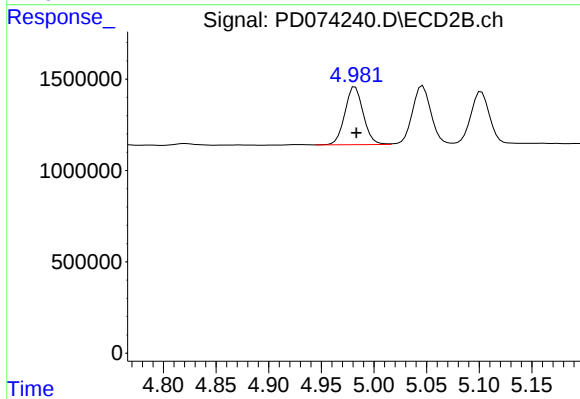
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.352 min  
Response: 0  
Conc: N.D.



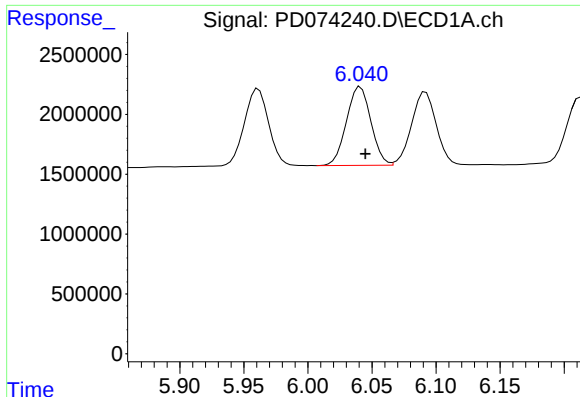
#25 Chlordane-3

R.T.: 5.961 min  
Delta R.T.: -0.001 min  
Response: 8564707  
Conc: 17.73 ng/ml



#25 Chlordane-3

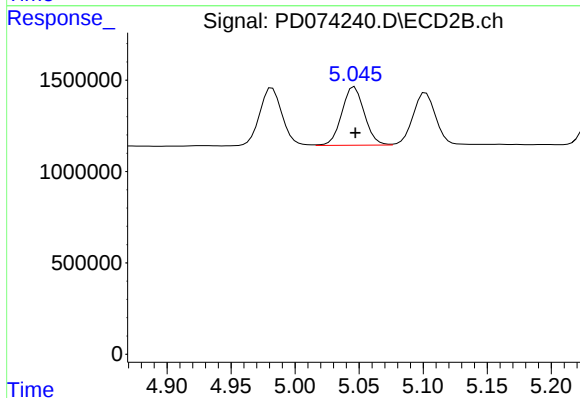
R.T.: 4.982 min  
Delta R.T.: -0.001 min  
Response: 3850103  
Conc: 22.51 ng/ml



#26 Chlordane-4

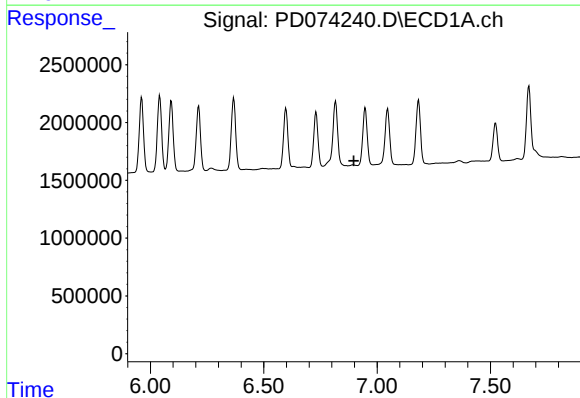
R.T.: 6.041 min  
Delta R.T.: -0.004 min  
Response: 8743164  
Conc: 14.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



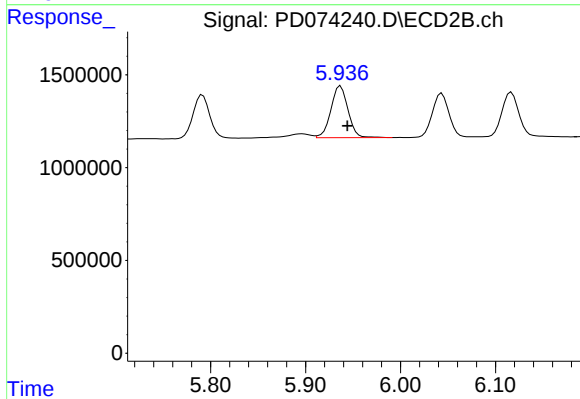
#26 Chlordane-4

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 3901406  
Conc: 23.89 ng/ml



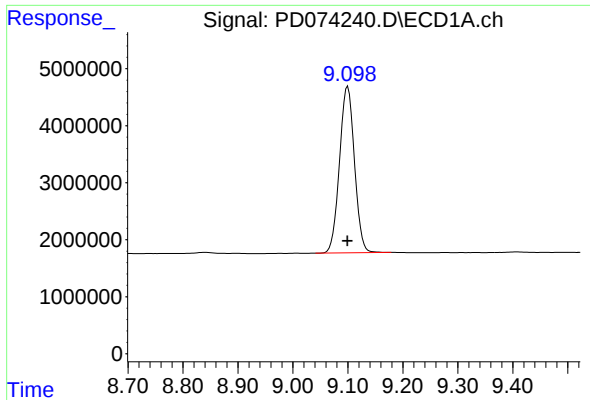
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.898 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

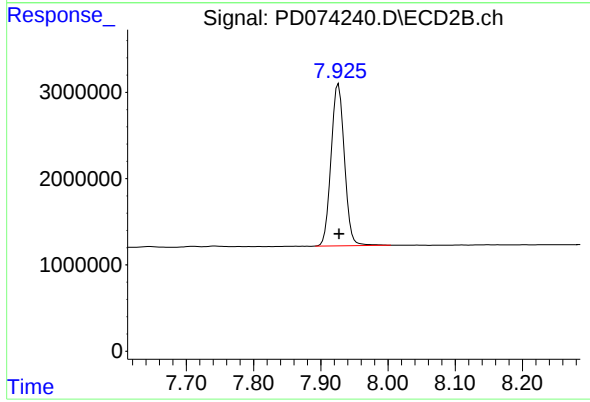
R.T.: 5.937 min  
Delta R.T.: -0.007 min  
Response: 3482740  
Conc: 56.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.000 min  
Response: 55260675  
Conc: 20.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: 0.000 min  
Response: 25664927  
Conc: 20.92 ng/ml