

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120622\  
 Data File : PD073297.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Dec 2022 11:45  
 Operator : AR\AJ  
 Sample : INDA388  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 20:38:16 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111722CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 17 06:19:59 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

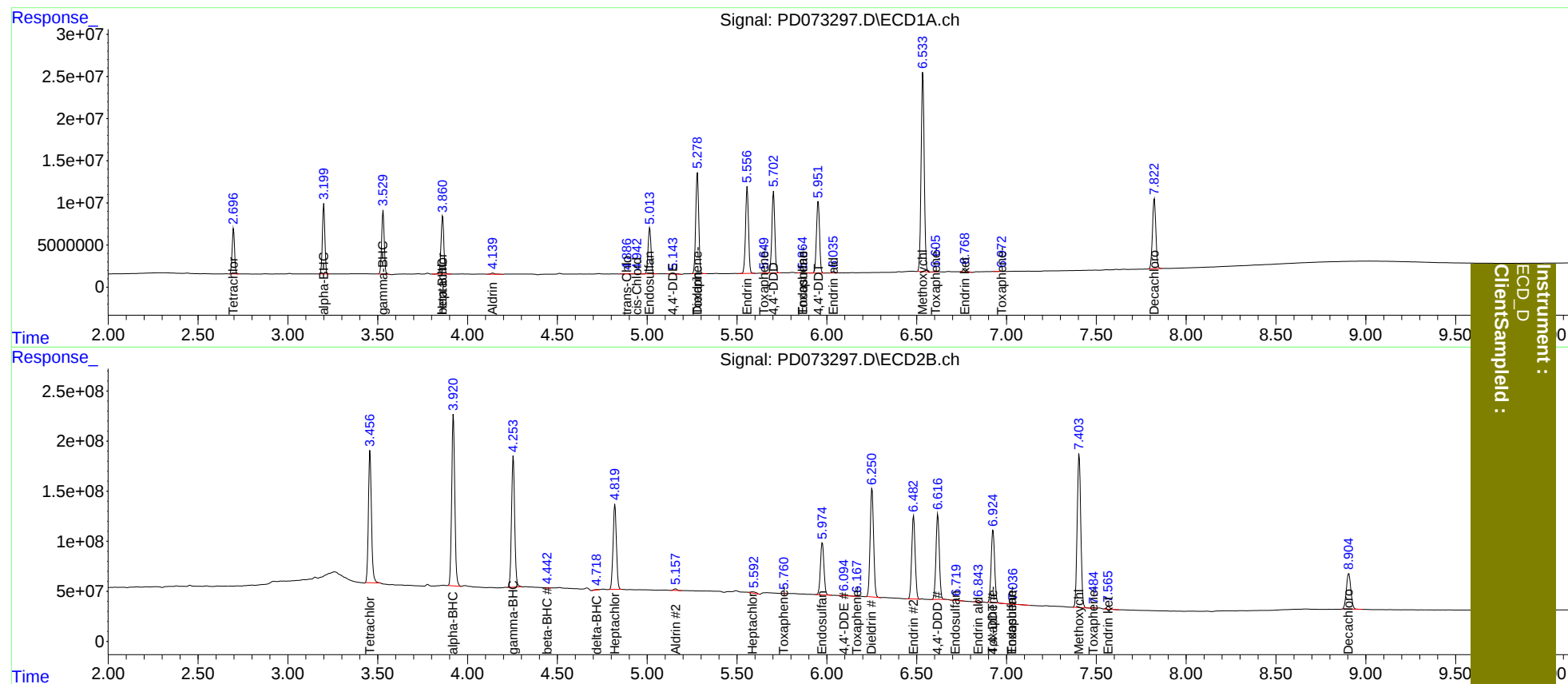
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 2.698  | 3.457  | 49626477 | 1559.9E6 | 20.695   | 23.879     |
| 27)                         | SA Decachlor... | 7.823  | 8.905  | 108.1E6  | 614.3E6  | 47.356   | 41.513     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.200  | 3.921  | 78347193 | 2065.7E6 | 21.408   | 23.687     |
| 3)                          | MA gamma-BHC... | 3.530  | 4.255  | 73809778 | 1601.0E6 | 22.241   | 23.596     |
| 4)                          | MA Heptachlor   | 3.862  | 4.821  | 74678836 | 1097.1E6 | 22.354   | 23.892     |
| 5)                          | MB Aldrin       | 4.140  | 5.158  | 2133085  | 20926873 | 0.633    | 0.521      |
| 6)                          | B beta-BHC      | 3.862f | 4.443f | 74678836 | 6886958  | 46.513   | 0.258 #    |
| 7)                          | B delta-BHC     | 0.000  | 4.719  | 0        | 7521414  | N.D.     | 0.138      |
| 8)                          | B Heptachlo...  | 0.000  | 5.587  | 0        | 29318555 | N.D.     | 0.867      |
| 9)                          | A Endosulfan I  | 5.014  | 5.975  | 62301756 | 709.4E6  | 22.046   | 24.387     |
| 10)                         | B trans-Chl...  | 4.888  | 5.849  | 488953   | -166543  | 0.159    | N.D. #     |
| 11)                         | B cis-Chlor...  | 4.942  | 5.907  | 480544   | 2336055  | 0.153    | <MDL #     |
| 12)                         | B 4,4'-DDE      | 5.144  | 6.095  | 1490168  | 5612580  | 0.498    | 0.187 #    |
| 13)                         | MA Dieldrin     | 5.280  | 6.252  | 138.0E6  | 1452.5E6 | 45.052   | 48.186     |
| 14)                         | MA Endrin       | 5.557  | 6.483  | 117.9E6  | 1100.5E6 | 43.477   | 44.614     |
| 15)                         | B Endosulfa...  | 5.864  | 6.718  | 1097306  | 4370945  | 0.407    | 0.181 #    |
| 16)                         | A 4,4'-DDD      | 5.703  | 6.618  | 109.0E6  | 1107.6E6 | 45.238   | 48.327     |
| 17)                         | MA 4,4'-DDT     | 5.952  | 6.925  | 101.8E6  | 973.2E6  | 45.493   | 45.314     |
| 18)                         | B Endrin al...  | 6.037  | 6.845  | 2046937  | 17790163 | 0.948    | 0.939      |
| 19)                         | B Endosulfa...  | 6.260  | 7.029f | 205919   | 3654802  | <MDL     | 0.176 #    |
| 20)                         | A Methoxychlor  | 6.535  | 7.405  | 284.9E6  | 2129.3E6 | 227.510  | 228.210    |
| 21)                         | B Endrin ke...  | 6.769  | 7.566  | 5792594  | 35075717 | 1.984    | 1.571      |
| 22)                         | Toxaphene-1     | 5.280  | 5.761  | 138.0E6  | 1348076  | 9105.901 | 11.472 #   |
| 23)                         | Toxaphene-2     | 5.652f | 6.169  | 262662   | 902955   | 16.797   | 4.214 #    |
| 24)                         | Toxaphene-3     | 5.864  | 6.925f | 1097306  | 973.2E6  | 51.050   | 1938.533 # |
| 25)                         | Toxaphene-4     | 6.607f | 7.029  | 1009905  | 3654802  | 11.667   | 8.184 #    |
| 26)                         | Toxaphene-5     | 6.974  | 7.485  | 82948    | 5365108  | 1.747    | 19.640 #   |
| -----                       |                 |        |        |          |          |          |            |

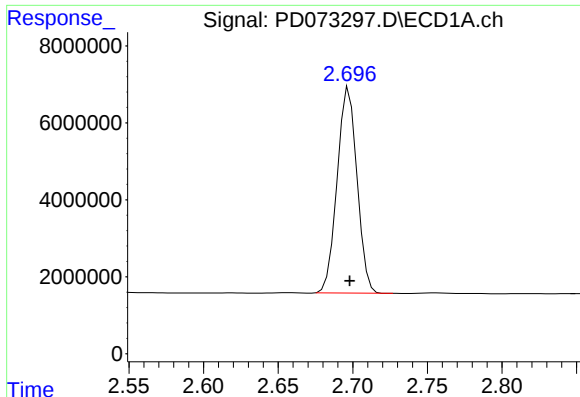
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120622\  
Data File : PD073297.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Dec 2022 11:45  
Operator : AR\AJ  
Sample : INDA388  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 20:38:16 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD11722CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 17 06:19:59 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

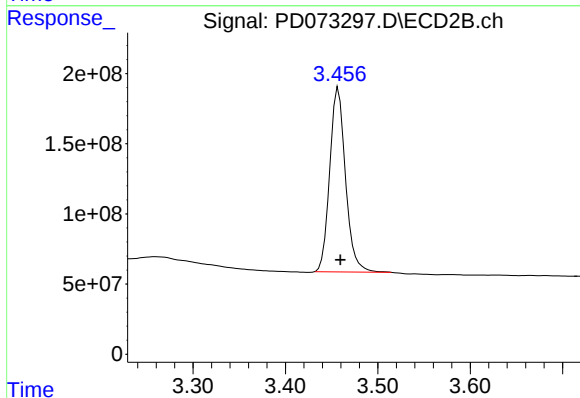




#1 Tetrachloro-m-xylene

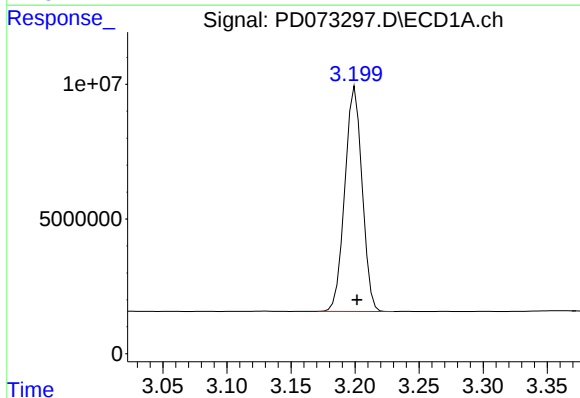
R.T.: 2.698 min  
Delta R.T.: 0.000 min  
Response: 49626477  
Conc: 20.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



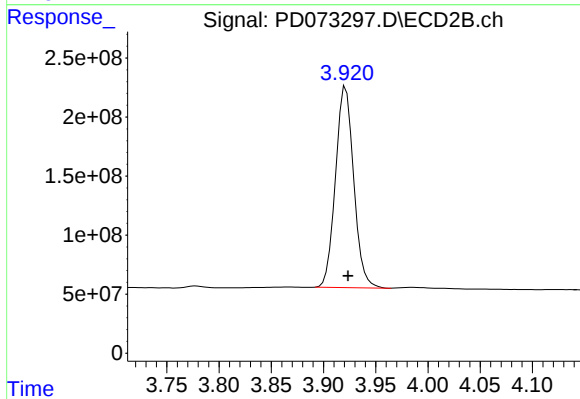
#1 Tetrachloro-m-xylene

R.T.: 3.457 min  
Delta R.T.: -0.002 min  
Response: 1559907950  
Conc: 23.88 ng/ml



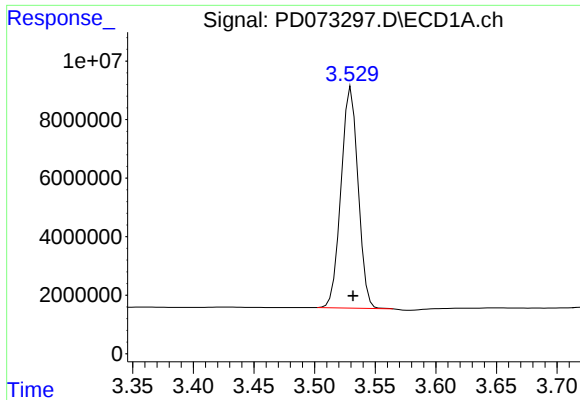
#2 alpha-BHC

R.T.: 3.200 min  
Delta R.T.: -0.001 min  
Response: 78347193  
Conc: 21.41 ng/ml



#2 alpha-BHC

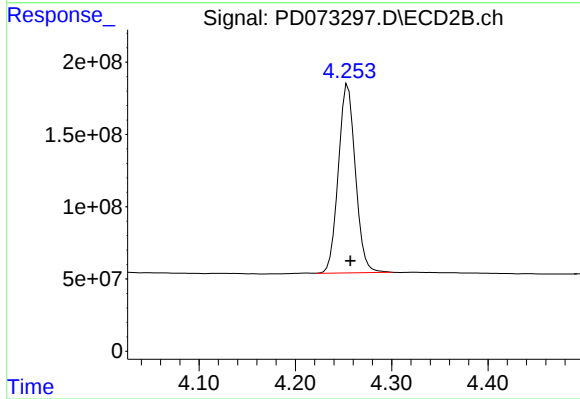
R.T.: 3.921 min  
Delta R.T.: -0.002 min  
Response: 2065659904  
Conc: 23.69 ng/ml



#3 gamma-BHC (Lindane)

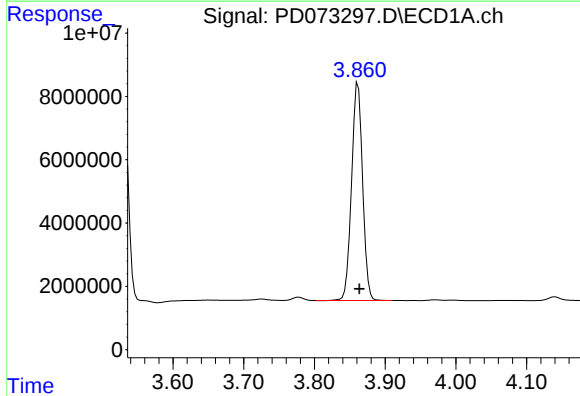
R.T.: 3.530 min  
Delta R.T.: -0.002 min  
Response: 73809778  
Conc: 22.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



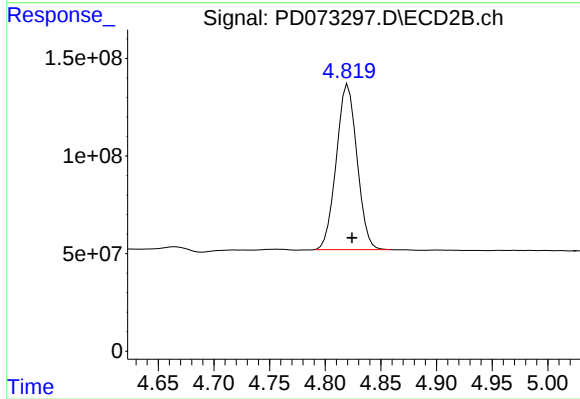
#3 gamma-BHC (Lindane)

R.T.: 4.255 min  
Delta R.T.: -0.002 min  
Response: 1601030440  
Conc: 23.60 ng/ml



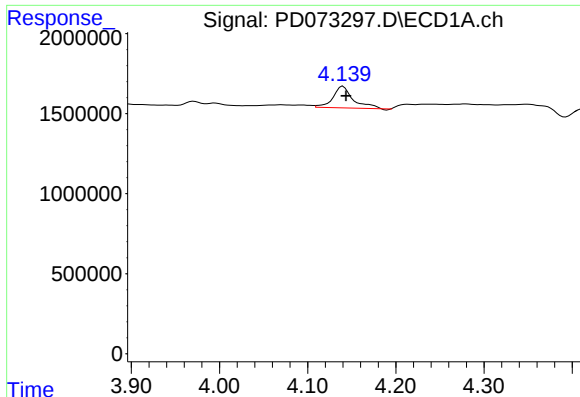
#4 Heptachlor

R.T.: 3.862 min  
Delta R.T.: -0.002 min  
Response: 74678836  
Conc: 22.35 ng/ml



#4 Heptachlor

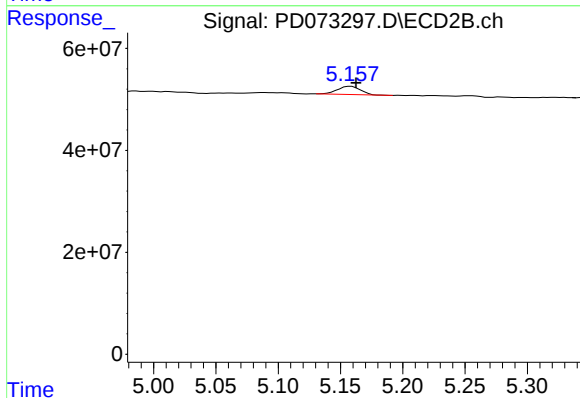
R.T.: 4.821 min  
Delta R.T.: -0.003 min  
Response: 1097134912  
Conc: 23.89 ng/ml



#5 Aldrin

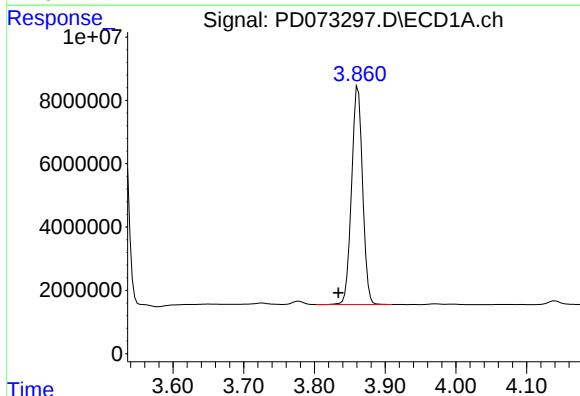
R.T.: 4.140 min  
Delta R.T.: -0.004 min  
Response: 2133085  
Conc: 0.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



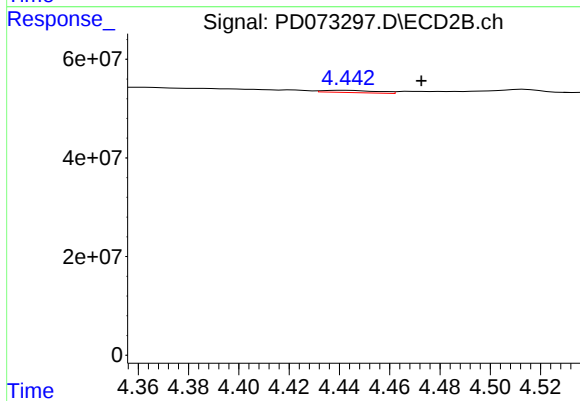
#5 Aldrin

R.T.: 5.158 min  
Delta R.T.: -0.004 min  
Response: 20926873  
Conc: 0.52 ng/ml



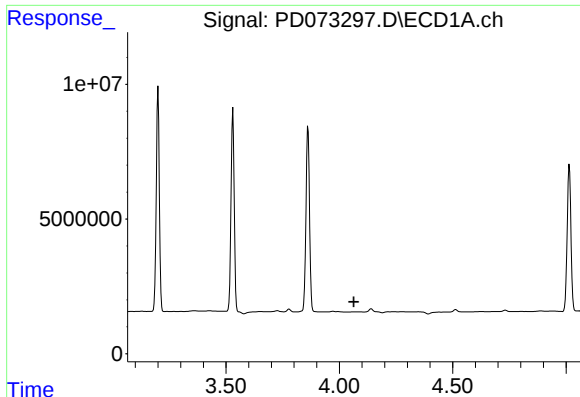
#6 beta-BHC

R.T.: 3.862 min  
Delta R.T.: 0.028 min  
Response: 74678836  
Conc: 46.51 ng/ml



#6 beta-BHC

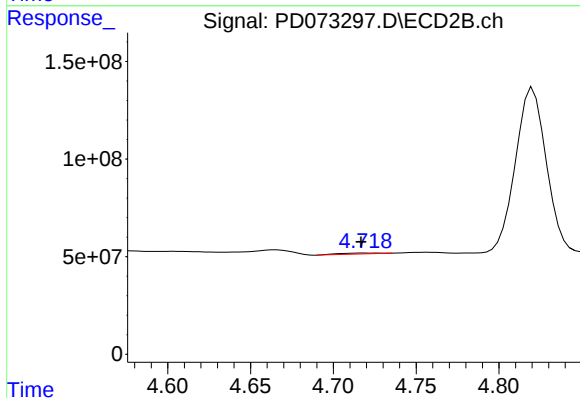
R.T.: 4.443 min  
Delta R.T.: -0.030 min  
Response: 6886958  
Conc: 0.26 ng/ml



#7 delta-BHC

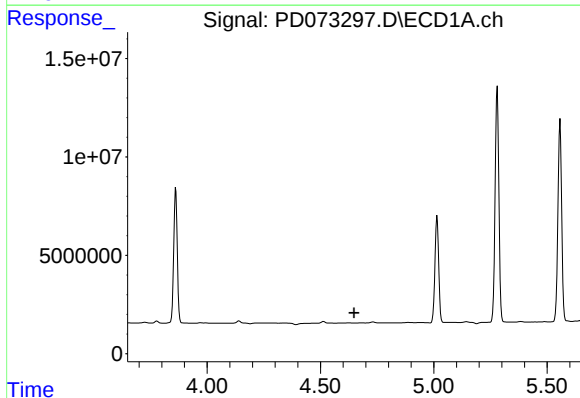
R.T.: 0.000 min  
Exp R.T.: 4.064 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



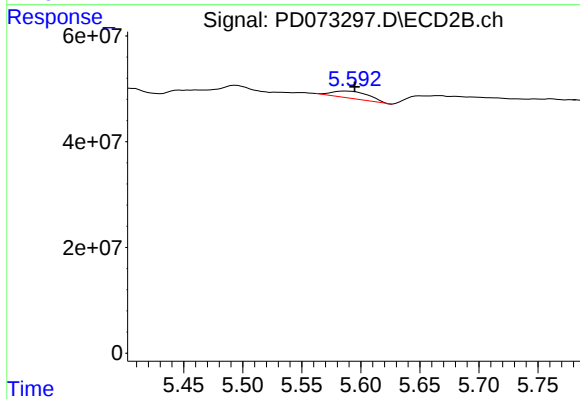
#7 delta-BHC

R.T.: 4.719 min  
Delta R.T.: 0.002 min  
Response: 7521414  
Conc: 0.14 ng/ml



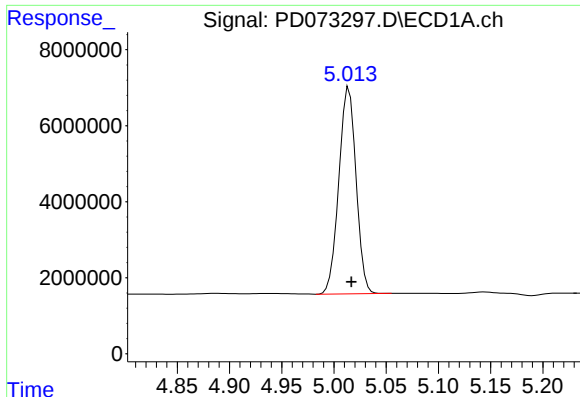
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.649 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

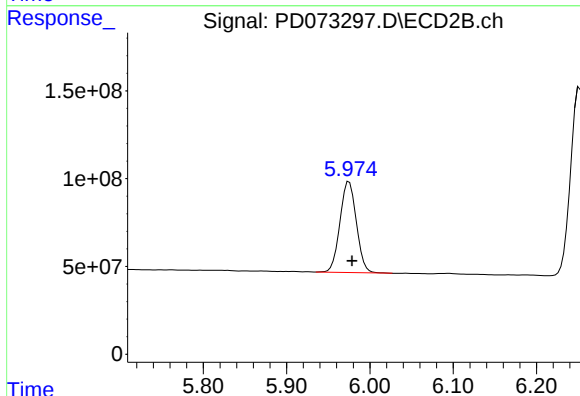
R.T.: 5.587 min  
Delta R.T.: -0.008 min  
Response: 29318555  
Conc: 0.87 ng/ml



#9 Endosulfan I

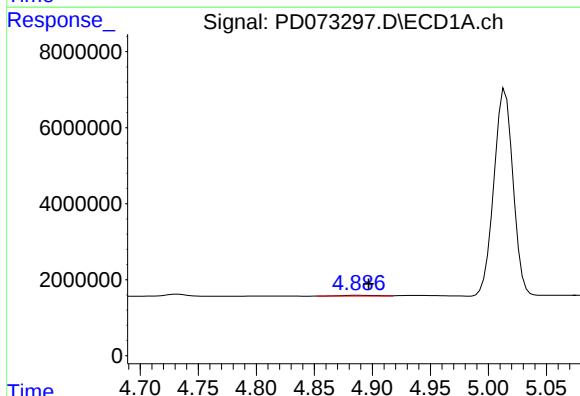
R.T.: 5.014 min  
Delta R.T.: -0.002 min  
Response: 62301756  
Conc: 22.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



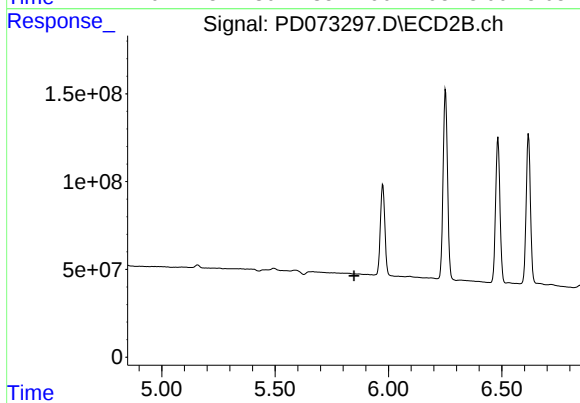
#9 Endosulfan I

R.T.: 5.975 min  
Delta R.T.: -0.004 min  
Response: 709397351  
Conc: 24.39 ng/ml



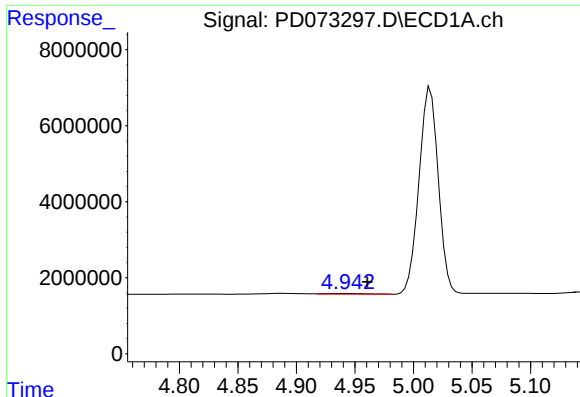
#10 trans-Chlordane

R.T.: 4.888 min  
Delta R.T.: -0.009 min  
Response: 488953  
Conc: 0.16 ng/ml



#10 trans-Chlordane

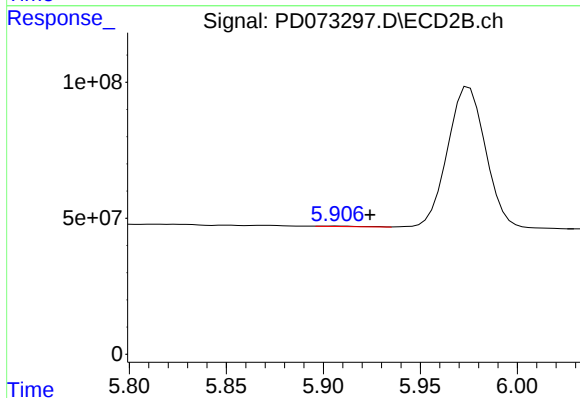
R.T.: 5.849 min  
Delta R.T.: 0.001 min  
Response: -166543  
Conc: N.D.



#11 cis-Chlordane

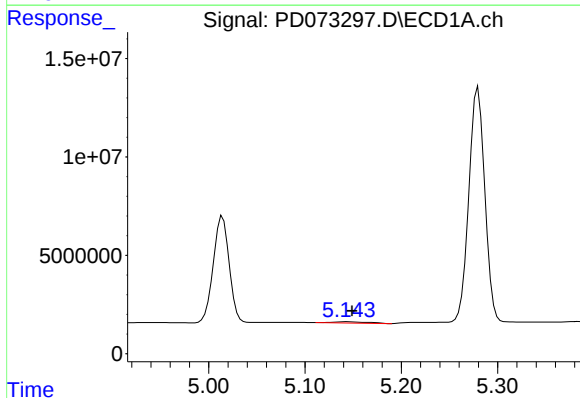
R.T.: 4.942 min  
Delta R.T.: -0.019 min  
Response: 480544  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



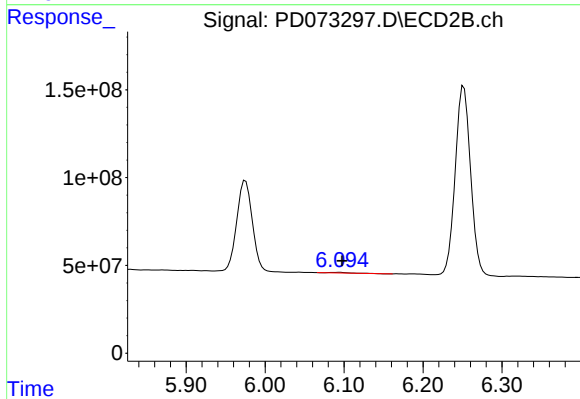
#11 cis-Chlordane

R.T.: 5.907 min  
Delta R.T.: -0.017 min  
Response: 2336055  
Conc: N.D.



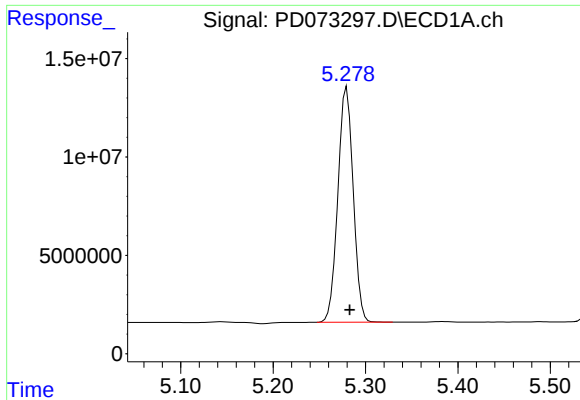
#12 4,4'-DDE

R.T.: 5.144 min  
Delta R.T.: -0.005 min  
Response: 1490168  
Conc: 0.50 ng/ml



#12 4,4'-DDE

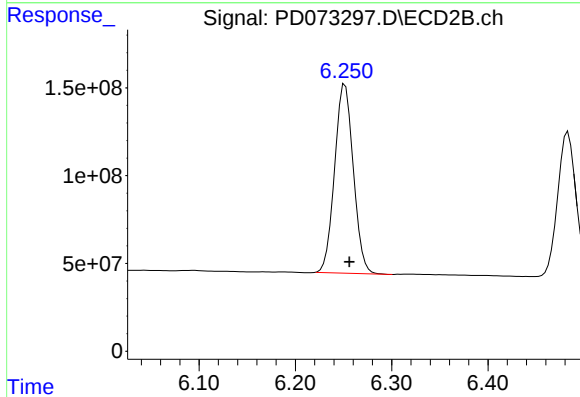
R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 5612580  
Conc: 0.19 ng/ml



#13 Dieldrin

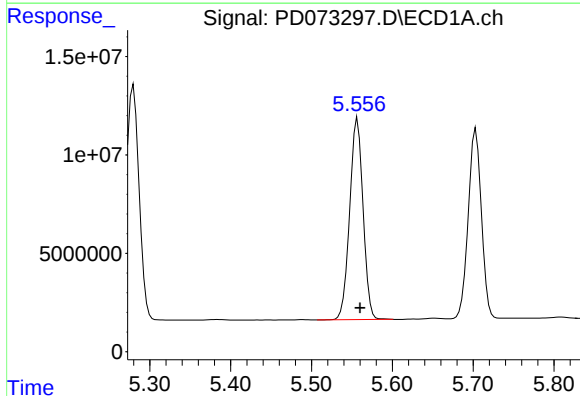
R.T.: 5.280 min  
Delta R.T.: -0.003 min  
Response: 138014660  
Conc: 45.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



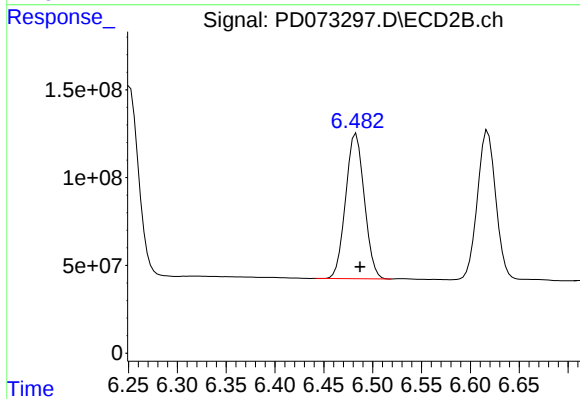
#13 Dieldrin

R.T.: 6.252 min  
Delta R.T.: -0.004 min  
Response: 1452486371  
Conc: 48.19 ng/ml



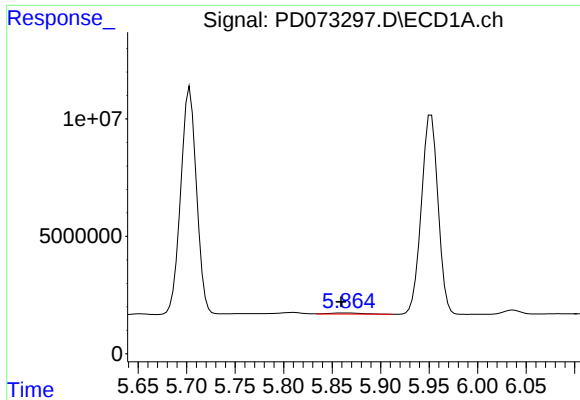
#14 Endrin

R.T.: 5.557 min  
Delta R.T.: -0.003 min  
Response: 117866901  
Conc: 43.48 ng/ml



#14 Endrin

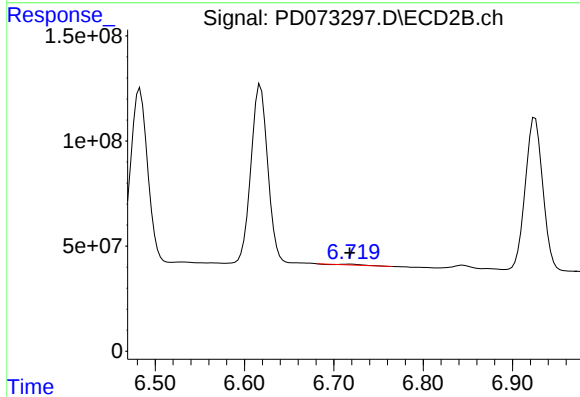
R.T.: 6.483 min  
Delta R.T.: -0.004 min  
Response: 1100489365  
Conc: 44.61 ng/ml



#15 Endosulfan II

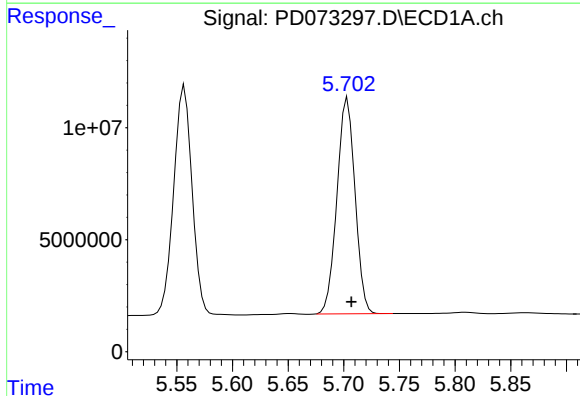
R.T.: 5.864 min  
Delta R.T.: 0.005 min  
Response: 1097306  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



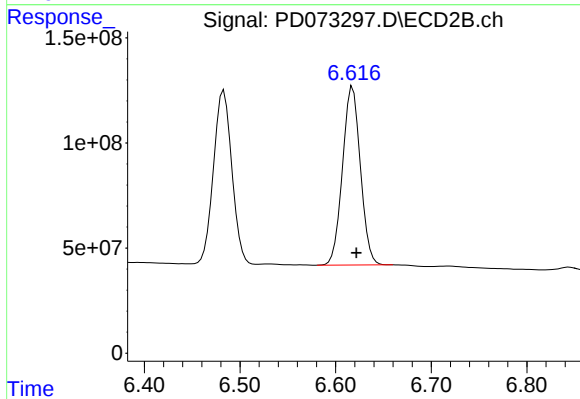
#15 Endosulfan II

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 4370945  
Conc: 0.18 ng/ml



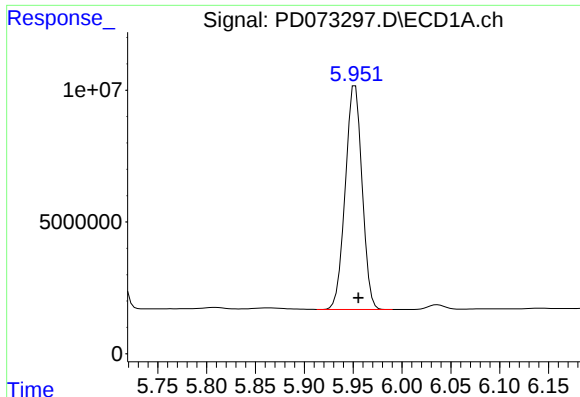
#16 4,4'-DDD

R.T.: 5.703 min  
Delta R.T.: -0.003 min  
Response: 108990707  
Conc: 45.24 ng/ml



#16 4,4'-DDD

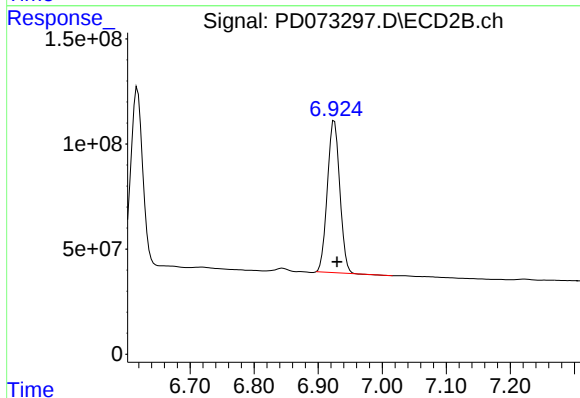
R.T.: 6.618 min  
Delta R.T.: -0.004 min  
Response: 1107573562  
Conc: 48.33 ng/ml



#17 4,4'-DDT

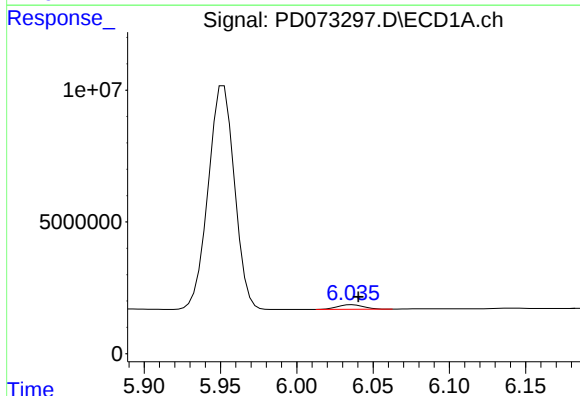
R.T.: 5.952 min  
Delta R.T.: -0.003 min  
Response: 101766717  
Conc: 45.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



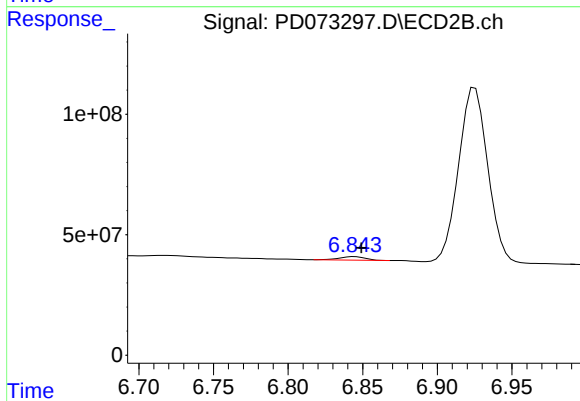
#17 4,4'-DDT

R.T.: 6.925 min  
Delta R.T.: -0.004 min  
Response: 973207666  
Conc: 45.31 ng/ml



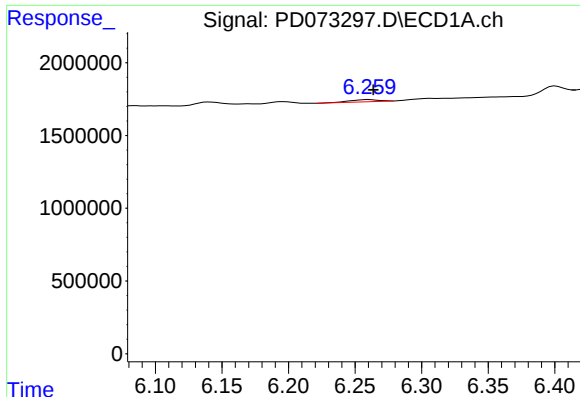
#18 Endrin aldehyde

R.T.: 6.037 min  
Delta R.T.: -0.004 min  
Response: 2046937  
Conc: 0.95 ng/ml



#18 Endrin aldehyde

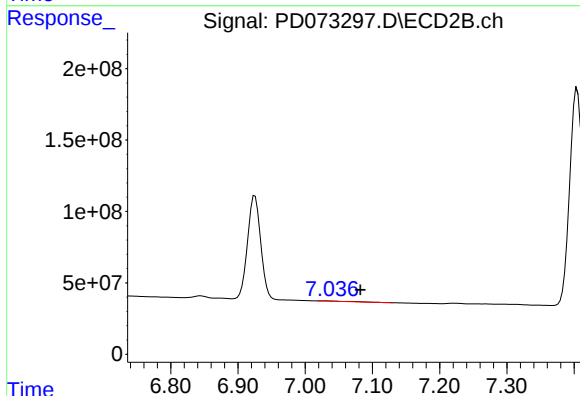
R.T.: 6.845 min  
Delta R.T.: -0.005 min  
Response: 17790163  
Conc: 0.94 ng/ml



#19 Endosulfan Sulfate

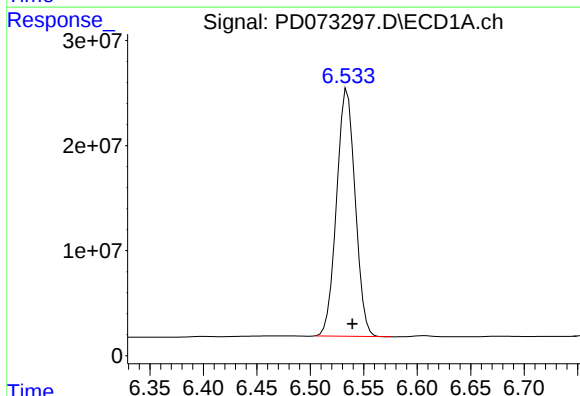
R.T.: 6.260 min  
Delta R.T.: -0.004 min  
Response: 205919  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



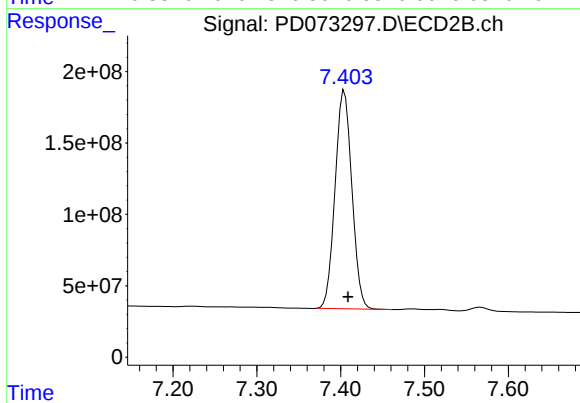
#19 Endosulfan Sulfate

R.T.: 7.029 min  
Delta R.T.: -0.053 min  
Response: 3654802  
Conc: 0.18 ng/ml



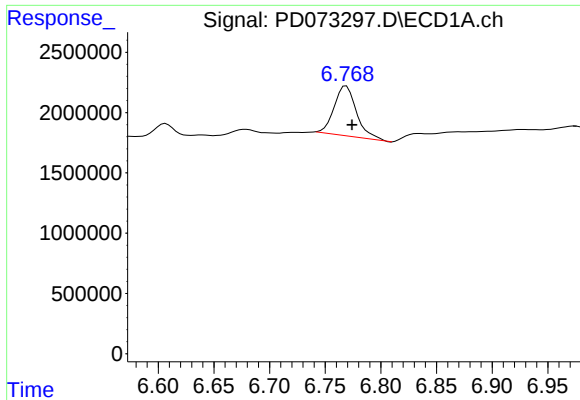
#20 Methoxychlor

R.T.: 6.535 min  
Delta R.T.: -0.005 min  
Response: 284949275  
Conc: 227.51 ng/ml



#20 Methoxychlor

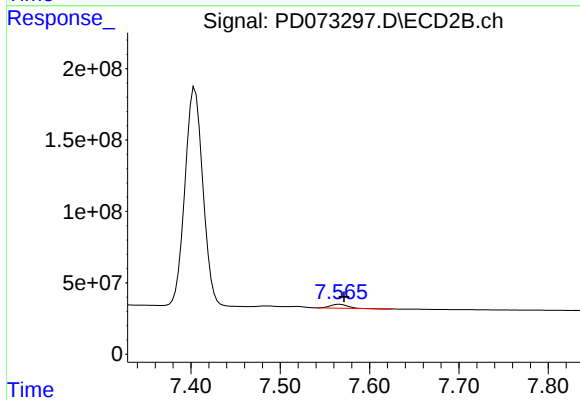
R.T.: 7.405 min  
Delta R.T.: -0.004 min  
Response: 2129306880  
Conc: 228.21 ng/ml



#21 Endrin ketone

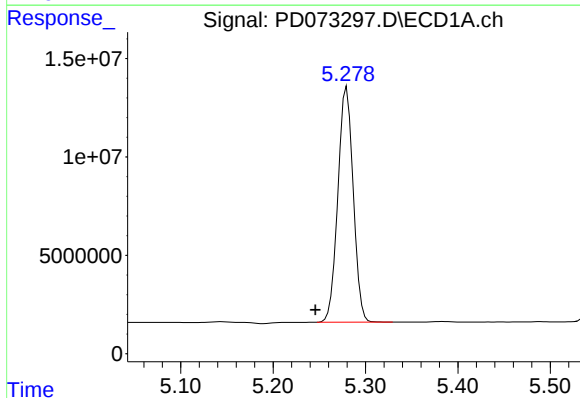
R.T.: 6.769 min  
Delta R.T.: -0.005 min  
Response: 5792594  
Conc: 1.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



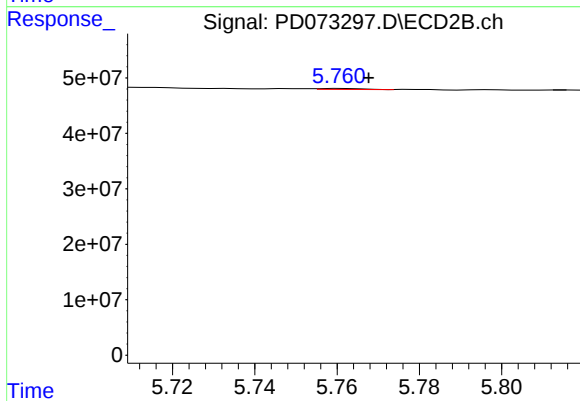
#21 Endrin ketone

R.T.: 7.566 min  
Delta R.T.: -0.005 min  
Response: 35075717  
Conc: 1.57 ng/ml



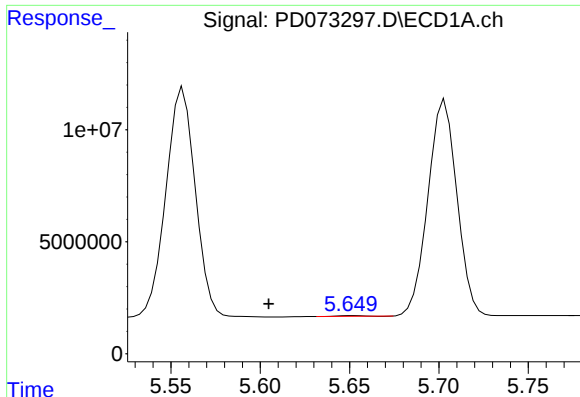
#22 Toxaphene-1

R.T.: 5.280 min  
Delta R.T.: 0.034 min  
Response: 138014660  
Conc: 9105.90 ng/ml



#22 Toxaphene-1

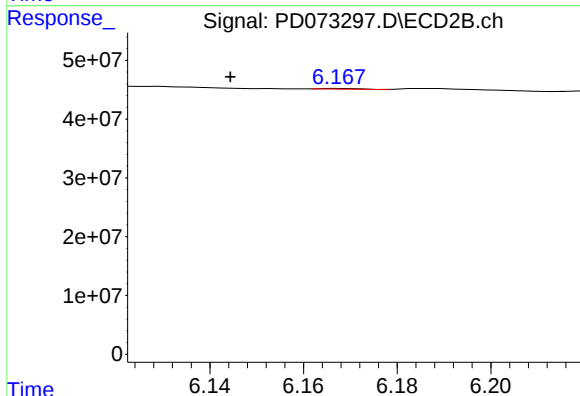
R.T.: 5.761 min  
Delta R.T.: -0.006 min  
Response: 1348076  
Conc: 11.47 ng/ml



#23 Toxaphene-2

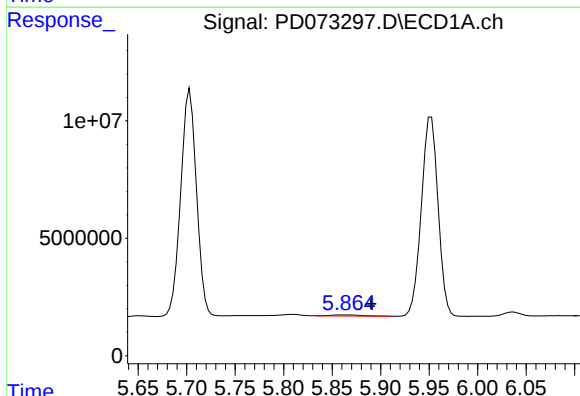
R.T.: 5.652 min  
Delta R.T.: 0.048 min  
Response: 262662  
Conc: 16.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



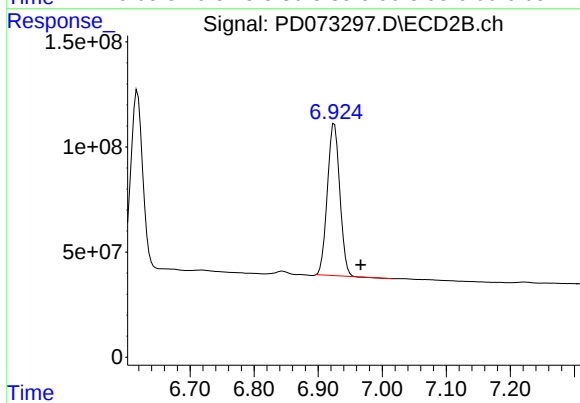
#23 Toxaphene-2

R.T.: 6.169 min  
Delta R.T.: 0.024 min  
Response: 902955  
Conc: 4.21 ng/ml



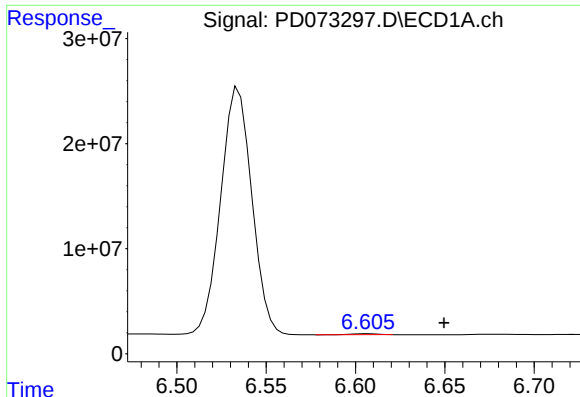
#24 Toxaphene-3

R.T.: 5.864 min  
Delta R.T.: -0.026 min  
Response: 1097306  
Conc: 51.05 ng/ml



#24 Toxaphene-3

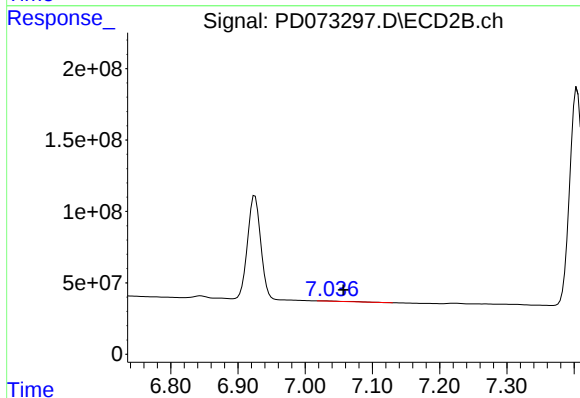
R.T.: 6.925 min  
Delta R.T.: -0.041 min  
Response: 973207666  
Conc: 1938.53 ng/ml



#25 Toxaphene-4

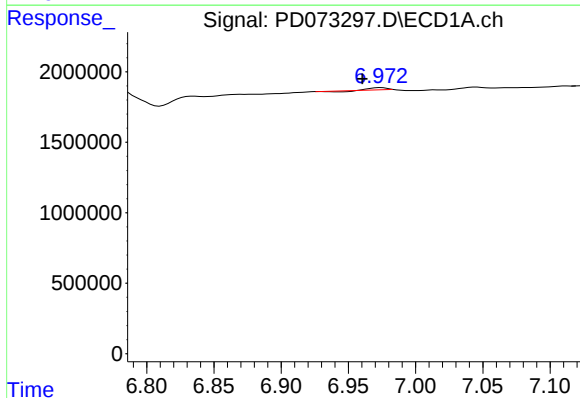
R.T.: 6.607 min  
Delta R.T.: -0.043 min  
Response: 1009905  
Conc: 11.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



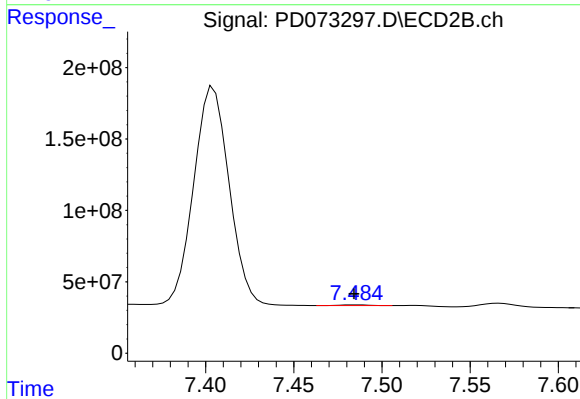
#25 Toxaphene-4

R.T.: 7.029 min  
Delta R.T.: -0.028 min  
Response: 3654802  
Conc: 8.18 ng/ml



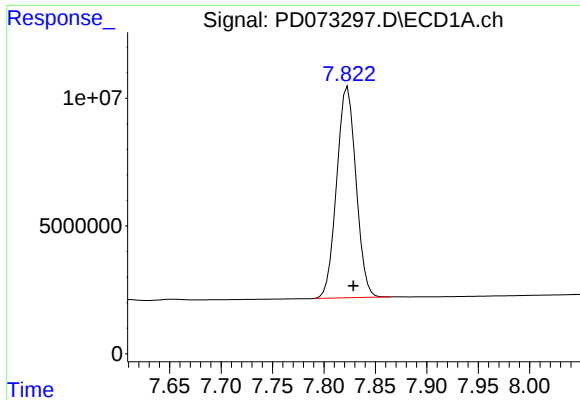
#26 Toxaphene-5

R.T.: 6.974 min  
Delta R.T.: 0.014 min  
Response: 82948  
Conc: 1.75 ng/ml



#26 Toxaphene-5

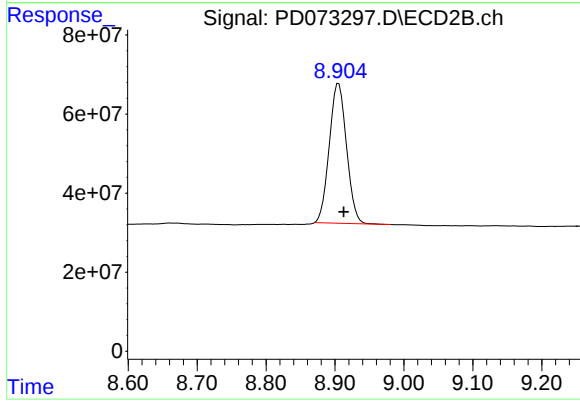
R.T.: 7.485 min  
Delta R.T.: 0.001 min  
Response: 5365108  
Conc: 19.64 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.823 min  
Delta R.T.: -0.006 min  
Response: 108060575  
Conc: 47.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.905 min  
Delta R.T.: -0.007 min  
Response: 614333119  
Conc: 41.51 ng/ml