

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062523\  
 Data File : PD076116.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jun 2023 19:10  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 23 22:54:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 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... | 3.545  | 2.767 | 101.2E6  | 53039532 | 47.502   | 48.888     |
| 28)                         | SA Decachlor... | 9.085  | 7.910 | 106.4E6  | 46060032 | 41.984   | 47.106     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.002  | 3.269 | 177.7E6  | 79809758 | 48.123   | 49.889     |
| 3)                          | MA gamma-BHC... | 4.335  | 3.599 | 162.1E6  | 73760988 | 48.175   | 50.061     |
| 4)                          | MA Heptachlor   | 4.926  | 3.939 | 166.1E6  | 74869930 | 46.323   | 49.294     |
| 5)                          | MB Aldrin       | 5.269  | 4.219 | 162.6E6  | 74767100 | 46.389   | 50.139     |
| 6)                          | B beta-BHC      | 4.531  | 3.895 | 67509574 | 32097395 | 46.956   | 50.356     |
| 7)                          | B delta-BHC     | 4.780  | 4.125 | 162.4E6  | 75592406 | 48.852   | 52.169     |
| 8)                          | B Heptachlo...  | 5.696  | 4.721 | 149.3E6  | 67803142 | 46.329   | 49.360     |
| 9)                          | A Endosulfan I  | 6.083  | 5.091 | 134.9E6  | 62158363 | 44.981   | 48.629     |
| 10)                         | B gamma-Chl...  | 5.953  | 4.971 | 148.0E6  | 69126284 | 45.942   | 50.379     |
| 11)                         | B alpha-Chl...  | 6.032  | 5.036 | 145.9E6  | 68476514 | 45.142   | 49.918     |
| 12)                         | B 4,4'-DDE      | 6.205  | 5.225 | 134.3E6  | 62831493 | 46.990   | 56.292     |
| 13)                         | MA Dieldrin     | 6.359  | 5.356 | 142.4E6  | 68428903 | 45.577   | 50.719     |
| 14)                         | MA Endrin       | 6.589  | 5.631 | 117.8E6  | 60080907 | 44.067   | 49.368     |
| 15)                         | B Endosulfa...  | 6.808  | 5.925 | 112.7E6  | 55263240 | 43.618   | 51.224     |
| 16)                         | A 4,4'-DDD      | 6.723  | 5.779 | 109.9E6  | 54257787 | 48.280   | 61.568 #   |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.031 | 106.7E6  | 49354523 | 47.012   | 60.760 #   |
| 18)                         | B Endrin al...  | 6.939  | 6.105 | 69168349 | 43466362 | 34.471   | 50.222 #   |
| 19)                         | B Endosulfa...  | 7.174  | 6.328 | 112.8E6  | 56335109 | 44.756   | 52.133     |
| 20)                         | A Methoxychlor  | 7.513  | 6.606 | 58079866 | 27636983 | 44.870   | 59.711 #   |
| 21)                         | B Endrin ke...  | 7.660  | 6.835 | 127.4E6  | 63377605 | 45.736   | 52.165     |
| 22)                         | Mirex           | 8.135  | 7.017 | 93133994 | 49899792 | 43.469   | 47.604     |
| 24)                         | Chlordane-2     | 5.269f | 4.352 | 162.6E6  | 1752387  | 1235.167 | 33.053 #   |
| 25)                         | Chlordane-3     | 5.953  | 4.971 | 148.0E6  | 69126284 | 284.981  | 465.625 #  |
| 26)                         | Chlordane-4     | 6.032  | 5.036 | 145.9E6  | 68476514 | 231.566  | 466.594 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.925 | 0        | 55263240 | N.D.     | 1142.571 # |
| -----                       |                 |        |       |          |          |          |            |

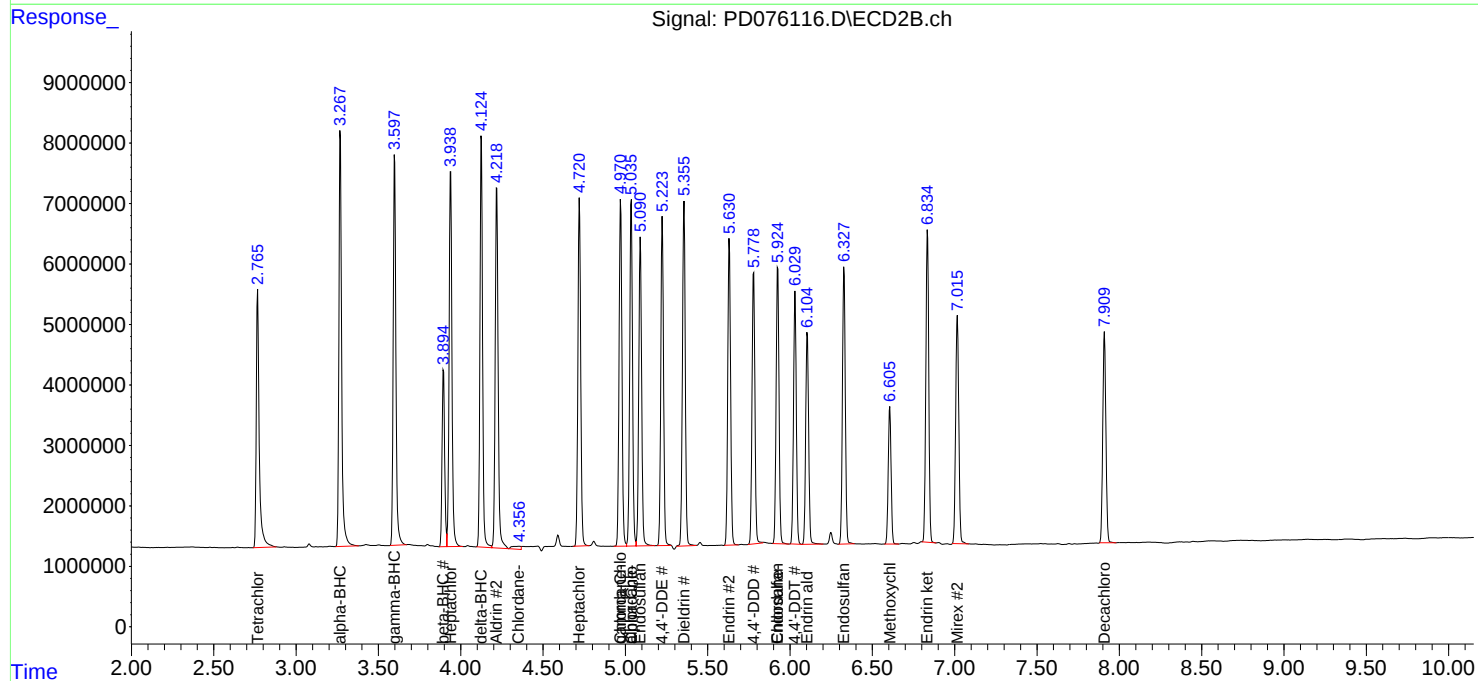
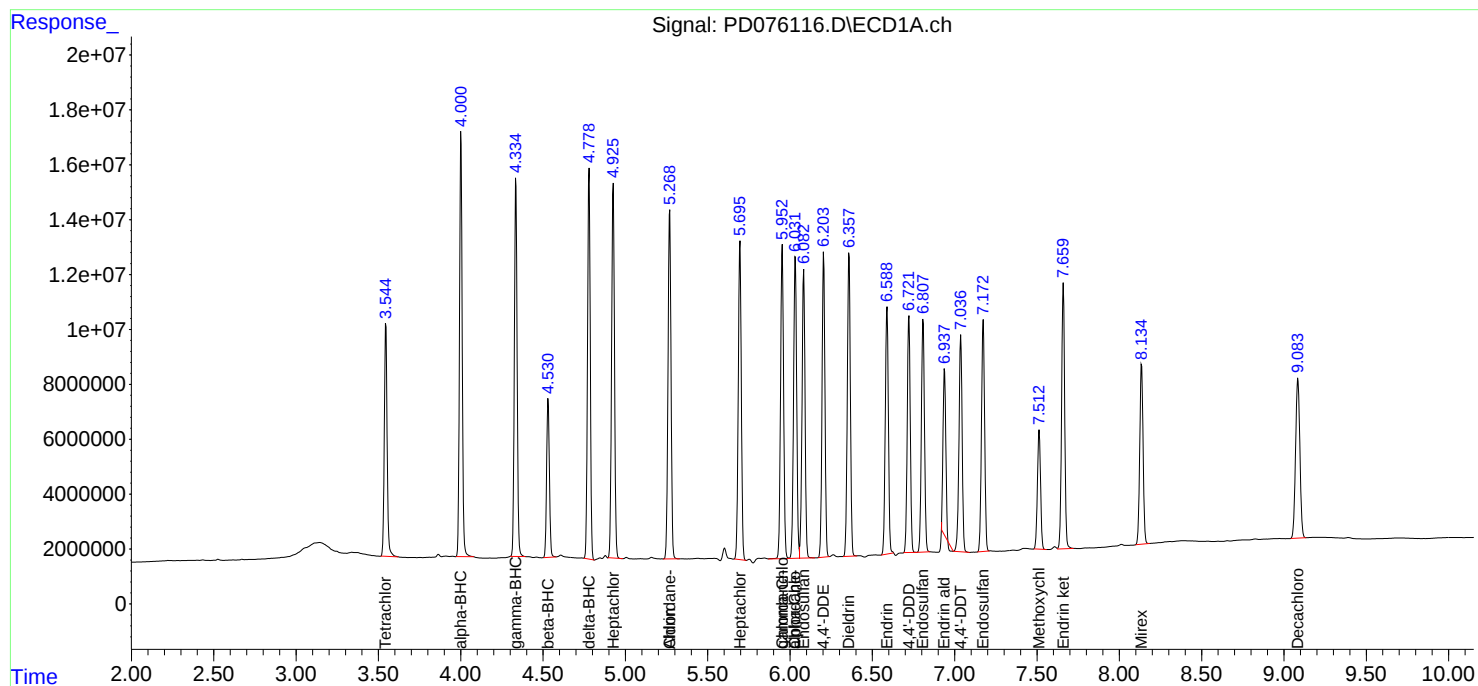
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

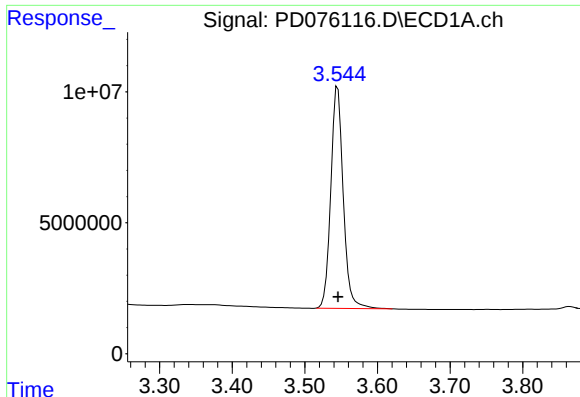
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062523\  
Data File : PD076116.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jun 2023 19:10  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 23 22:54:28 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 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

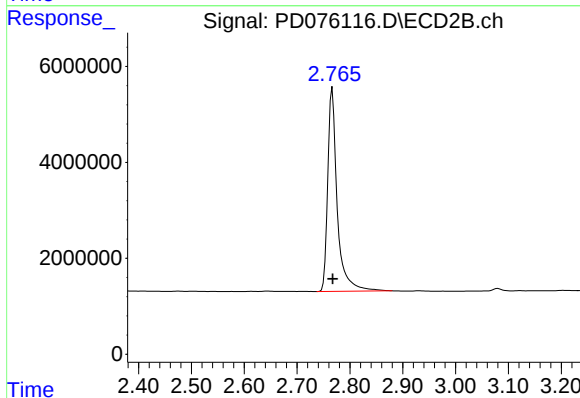




#1 Tetrachloro-m-xylene

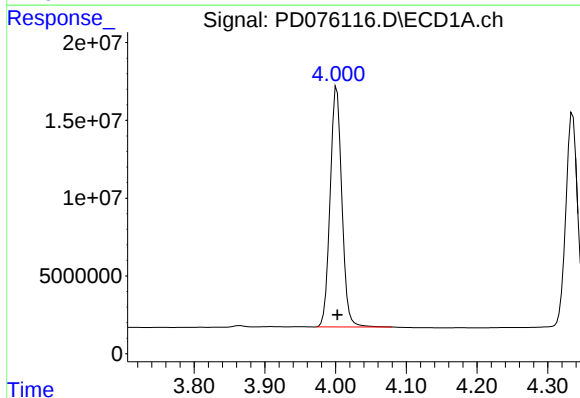
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 101185748  
Conc: 47.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



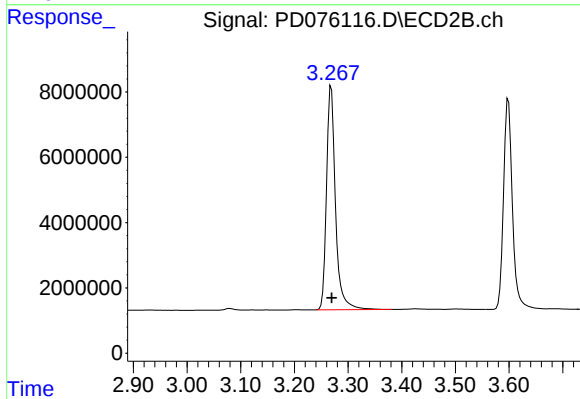
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: 0.000 min  
Response: 53039532  
Conc: 48.89 ng/ml



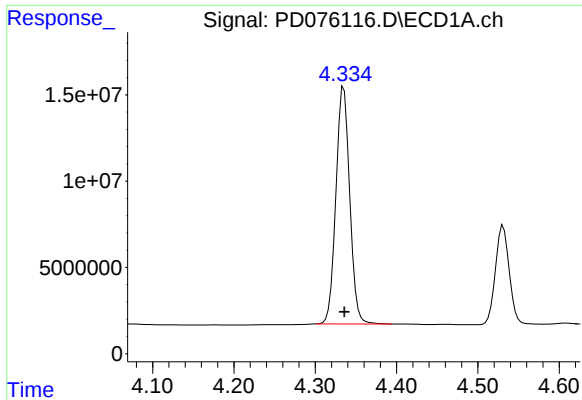
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 177676324  
Conc: 48.12 ng/ml



#2 alpha-BHC

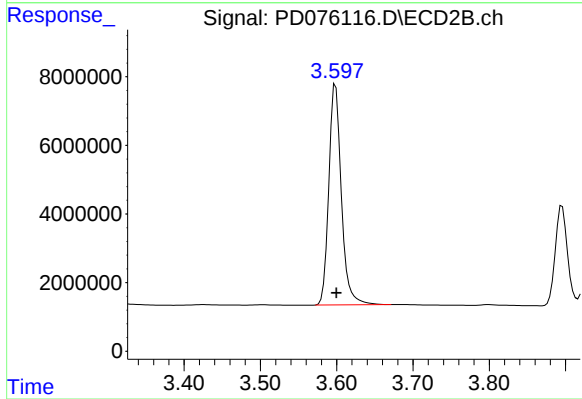
R.T.: 3.269 min  
Delta R.T.: 0.000 min  
Response: 79809758  
Conc: 49.89 ng/ml



#3 gamma-BHC (Lindane)

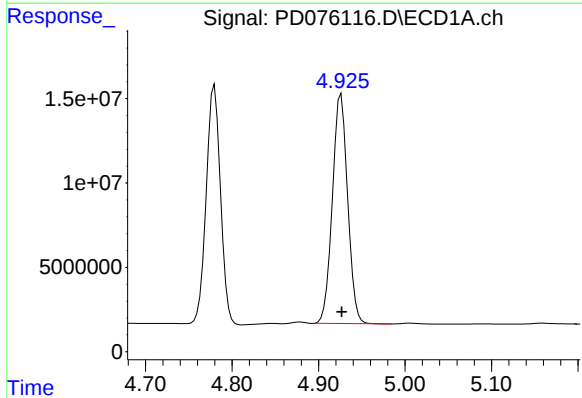
R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 162103553  
Conc: 48.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



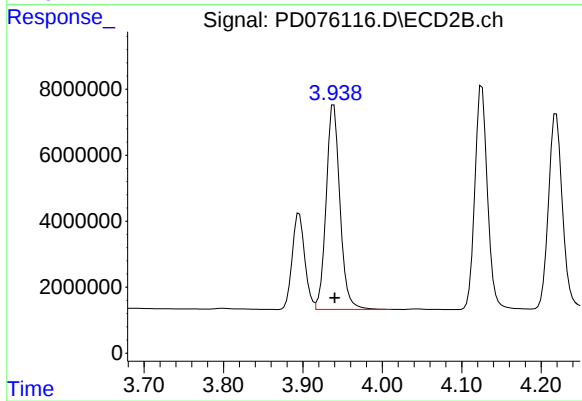
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 73760988  
Conc: 50.06 ng/ml



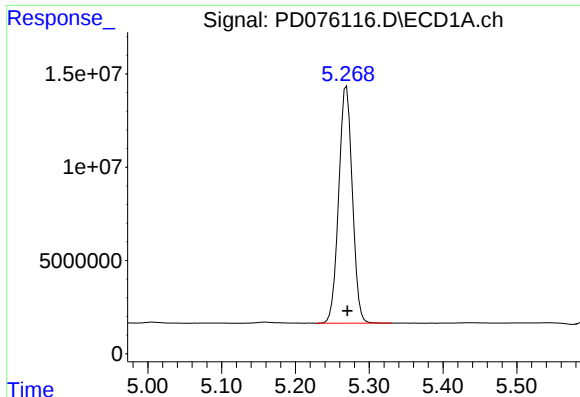
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.000 min  
Response: 166140976  
Conc: 46.32 ng/ml



#4 Heptachlor

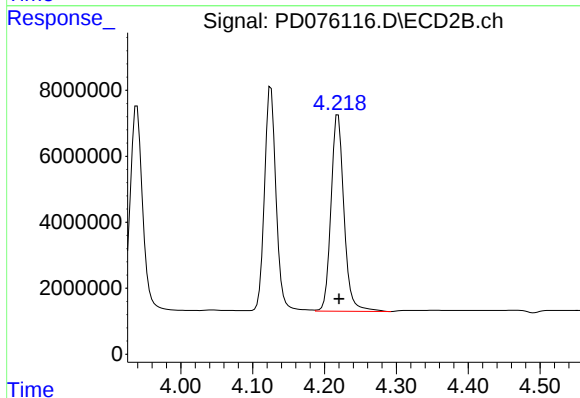
R.T.: 3.939 min  
Delta R.T.: -0.001 min  
Response: 74869930  
Conc: 49.29 ng/ml



#5 Aldrin

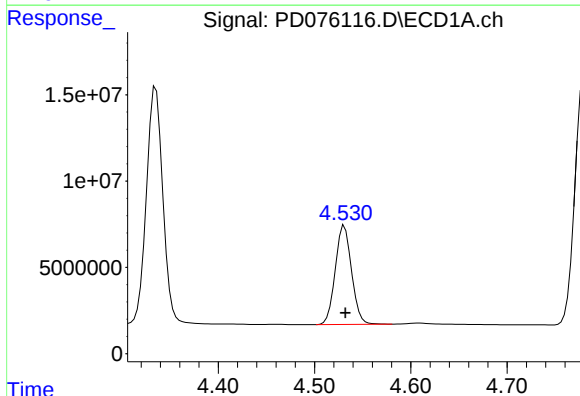
R.T.: 5.269 min  
Delta R.T.: -0.001 min  
Response: 162558315  
Conc: 46.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



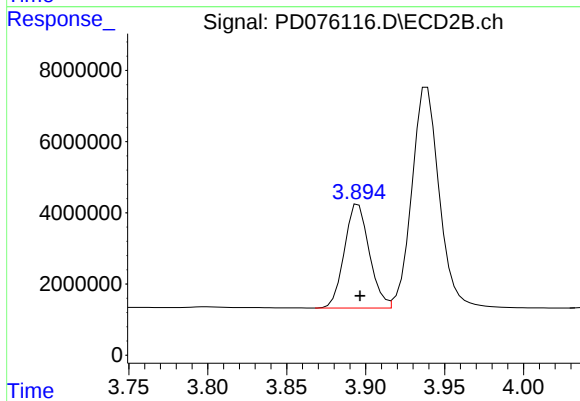
#5 Aldrin

R.T.: 4.219 min  
Delta R.T.: -0.001 min  
Response: 74767100  
Conc: 50.14 ng/ml



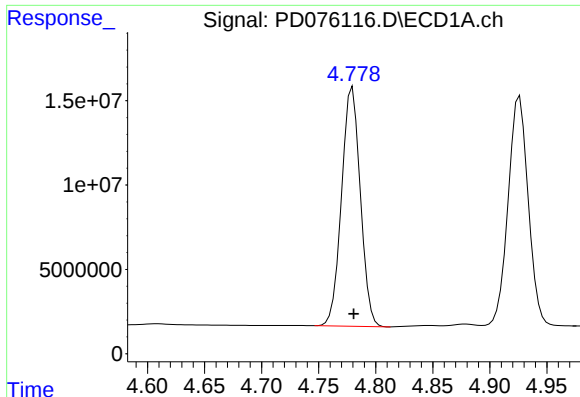
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: -0.001 min  
Response: 67509574  
Conc: 46.96 ng/ml



#6 beta-BHC

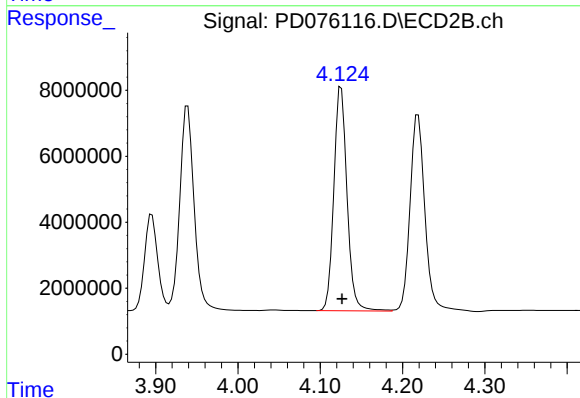
R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 32097395  
Conc: 50.36 ng/ml



#7 delta-BHC

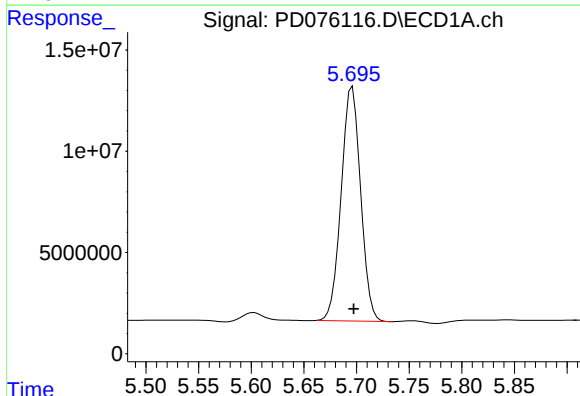
R.T.: 4.780 min  
Delta R.T.: -0.001 min  
Response: 162365640  
Conc: 48.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



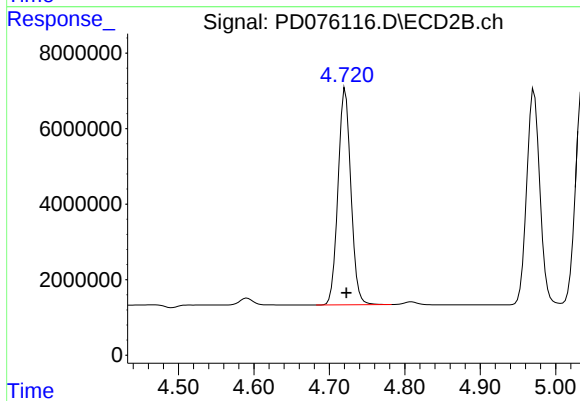
#7 delta-BHC

R.T.: 4.125 min  
Delta R.T.: -0.001 min  
Response: 75592406  
Conc: 52.17 ng/ml



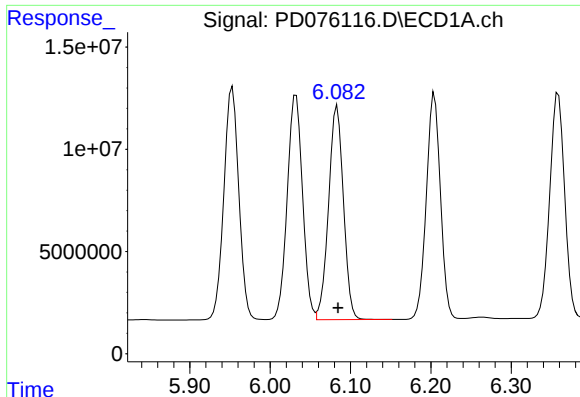
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: -0.001 min  
Response: 149285894  
Conc: 46.33 ng/ml



#8 Heptachlor epoxide

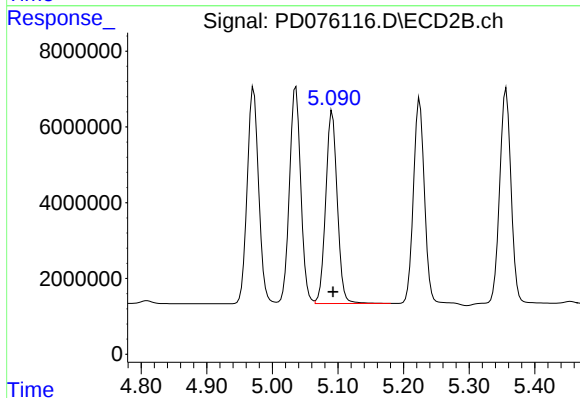
R.T.: 4.721 min  
Delta R.T.: -0.001 min  
Response: 67803142  
Conc: 49.36 ng/ml



#9 Endosulfan I

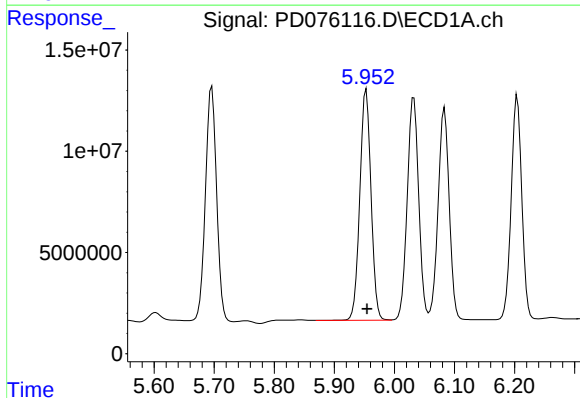
R.T.: 6.083 min  
Delta R.T.: -0.001 min  
Response: 134920631  
Conc: 44.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



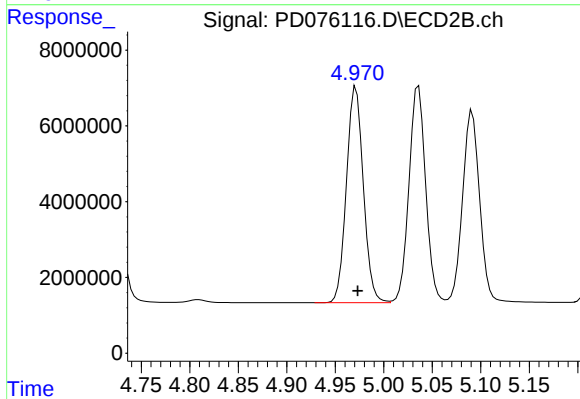
#9 Endosulfan I

R.T.: 5.091 min  
Delta R.T.: -0.001 min  
Response: 62158363  
Conc: 48.63 ng/ml



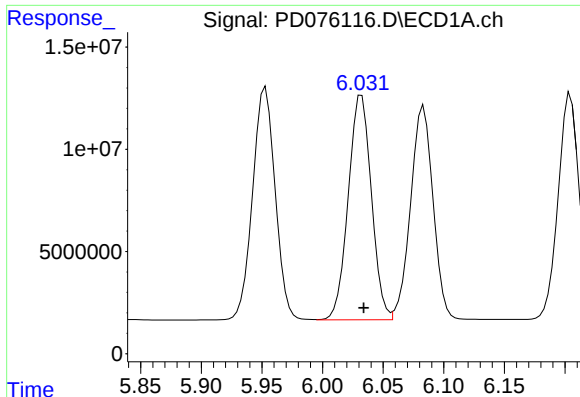
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: -0.002 min  
Response: 147993912  
Conc: 45.94 ng/ml



#10 gamma-Chlordane

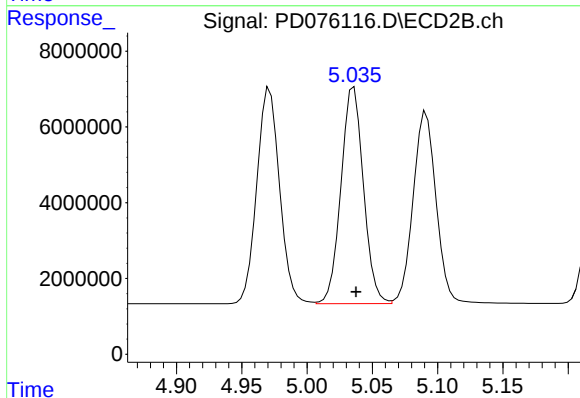
R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 69126284  
Conc: 50.38 ng/ml



#11 alpha-Chlordane

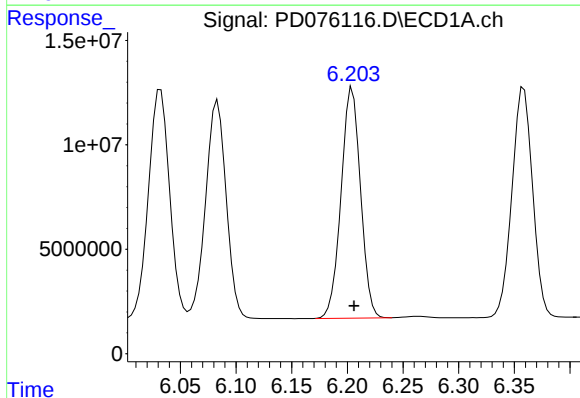
R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 145938108  
Conc: 45.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



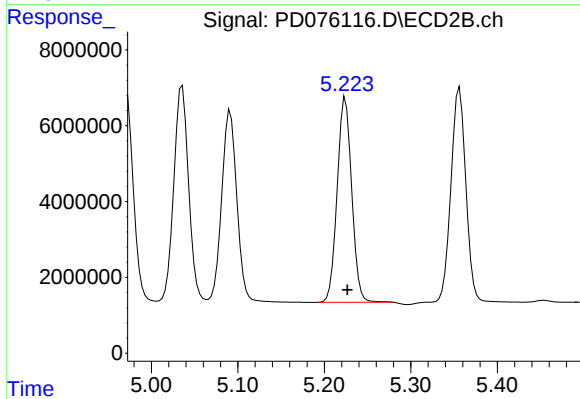
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.002 min  
Response: 68476514  
Conc: 49.92 ng/ml



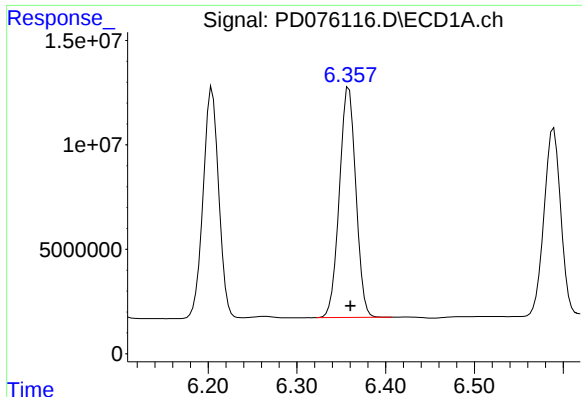
#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: -0.001 min  
Response: 134303928  
Conc: 46.99 ng/ml



#12 4,4'-DDE

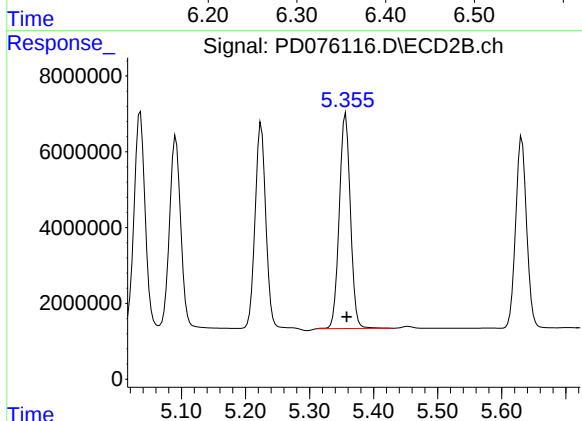
R.T.: 5.225 min  
Delta R.T.: -0.002 min  
Response: 62831493  
Conc: 56.29 ng/ml



#13 Dieldrin

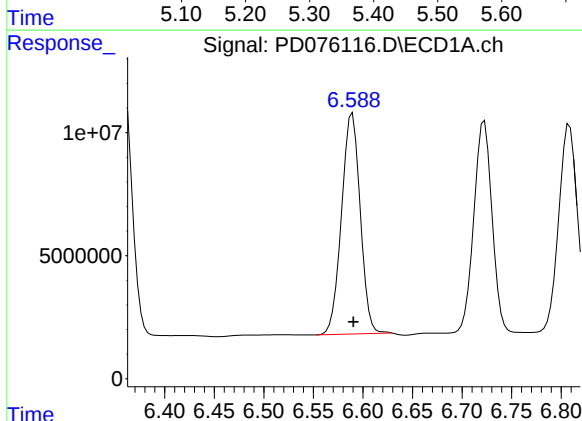
R.T.: 6.359 min  
Delta R.T.: -0.002 min  
Response: 142426203  
Conc: 45.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



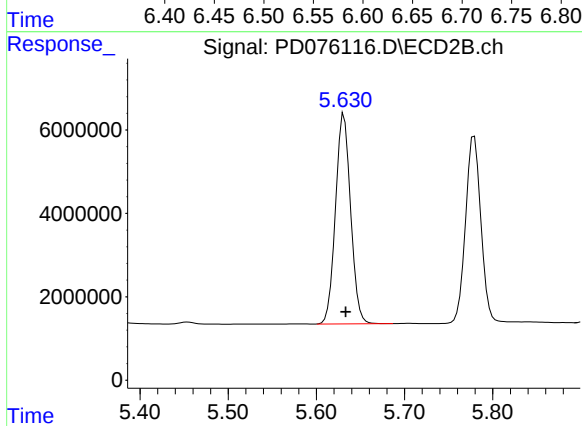
#13 Dieldrin

R.T.: 5.356 min  
Delta R.T.: -0.002 min  
Response: 68428903  
Conc: 50.72 ng/ml



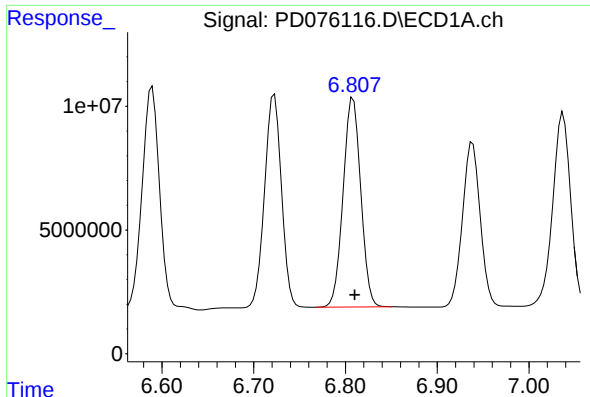
#14 Endrin

R.T.: 6.589 min  
Delta R.T.: -0.001 min  
Response: 117849364  
Conc: 44.07 ng/ml



#14 Endrin

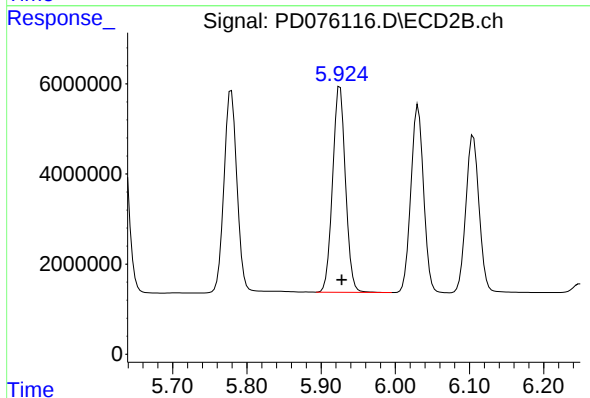
R.T.: 5.631 min  
Delta R.T.: -0.002 min  
Response: 60080907  
Conc: 49.37 ng/ml



#15 Endosulfan II

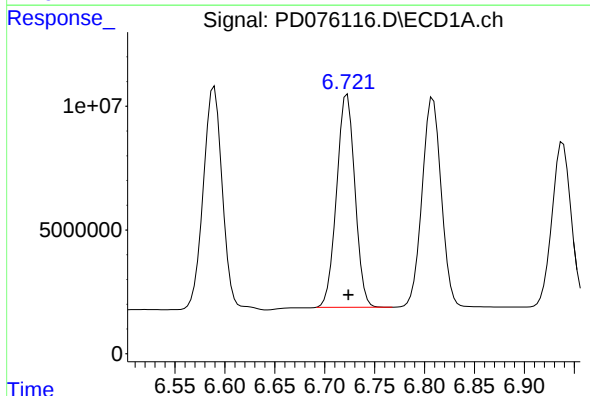
R.T.: 6.808 min  
Delta R.T.: -0.002 min  
Response: 112692800  
Conc: 43.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



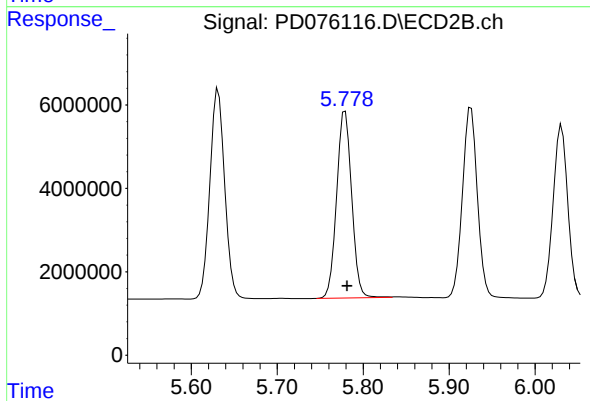
#15 Endosulfan II

R.T.: 5.925 min  
Delta R.T.: -0.002 min  
Response: 55263240  
Conc: 51.22 ng/ml



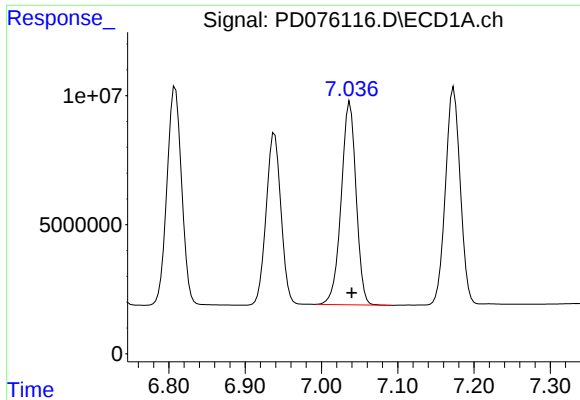
#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: -0.001 min  
Response: 109866657  
Conc: 48.28 ng/ml



#16 4,4'-DDD

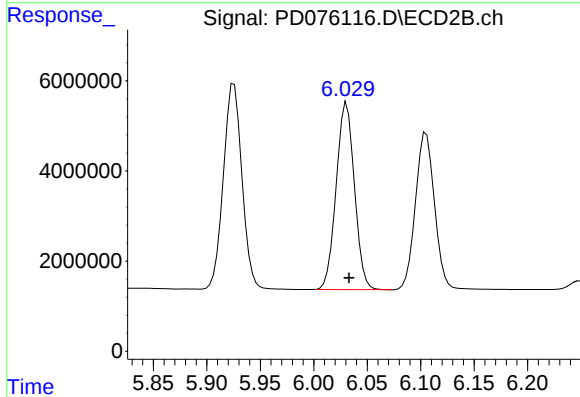
R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 54257787  
Conc: 61.57 ng/ml



#17 4,4'-DDT

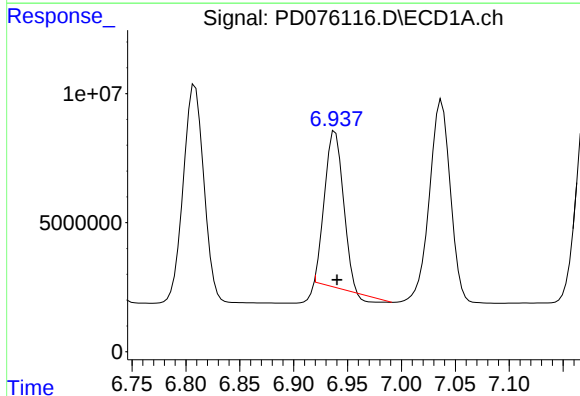
R.T.: 7.037 min  
Delta R.T.: -0.002 min  
Response: 106682433  
Conc: 47.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



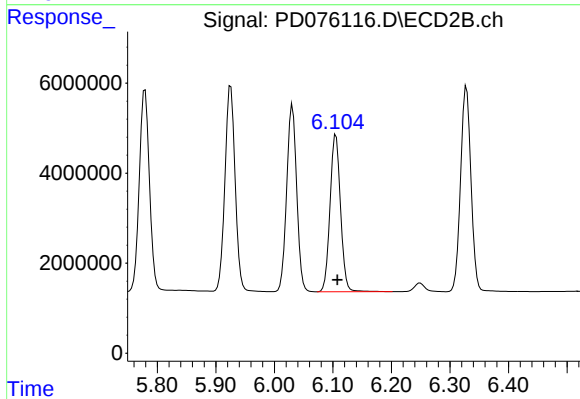
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 49354523  
Conc: 60.76 ng/ml



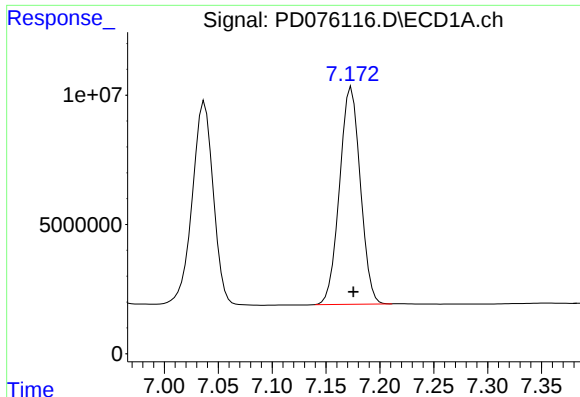
#18 Endrin aldehyde

R.T.: 6.939 min  
Delta R.T.: -0.002 min  
Response: 69168349  
Conc: 34.47 ng/ml



#18 Endrin aldehyde

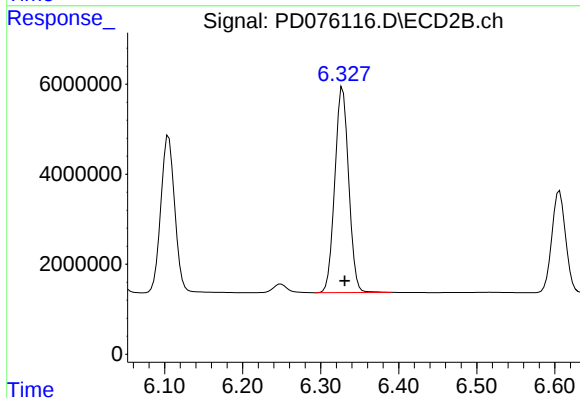
R.T.: 6.105 min  
Delta R.T.: -0.002 min  
Response: 43466362  
Conc: 50.22 ng/ml



#19 Endosulfan Sulfate

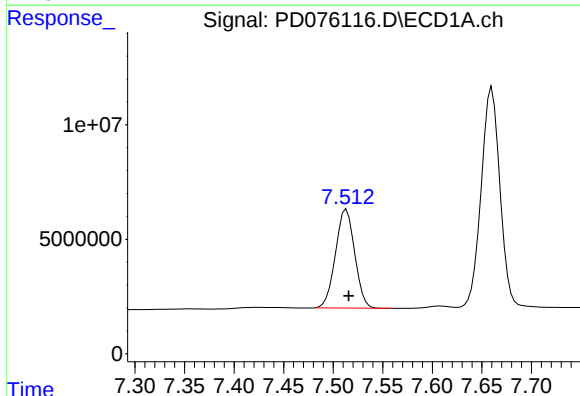
R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 112755517  
Conc: 44.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



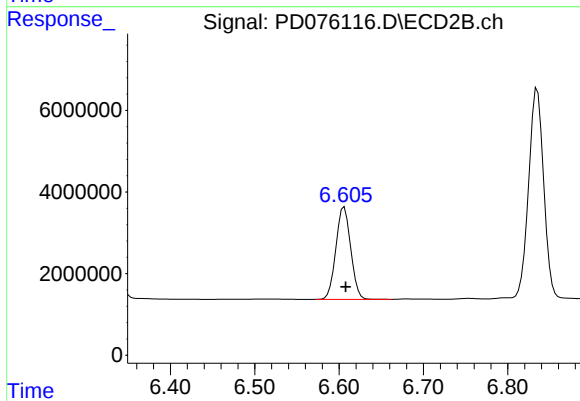
#19 Endosulfan Sulfate

R.T.: 6.328 min  
Delta R.T.: -0.002 min  
Response: 56335109  
Conc: 52.13 ng/ml



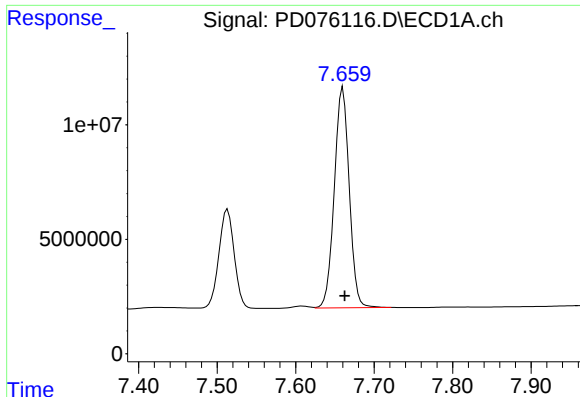
#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: -0.002 min  
Response: 58079866  
Conc: 44.87 ng/ml



#20 Methoxychlor

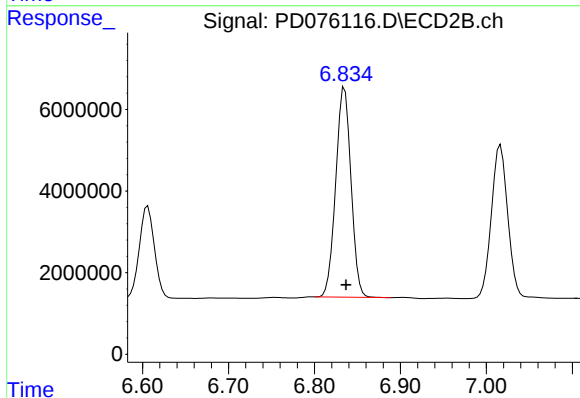
R.T.: 6.606 min  
Delta R.T.: -0.002 min  
Response: 27636983  
Conc: 59.71 ng/ml



#21 Endrin ketone

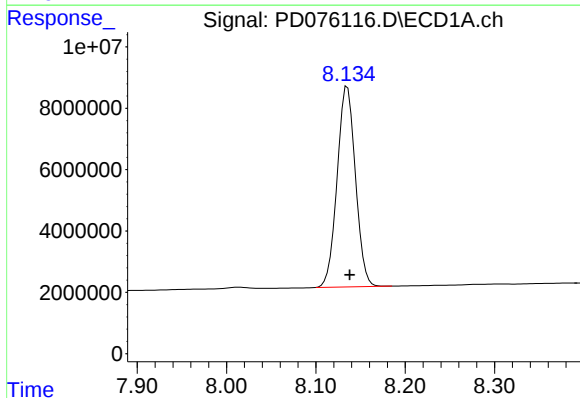
R.T.: 7.660 min  
Delta R.T.: -0.002 min  
Response: 127416456  
Conc: 45.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



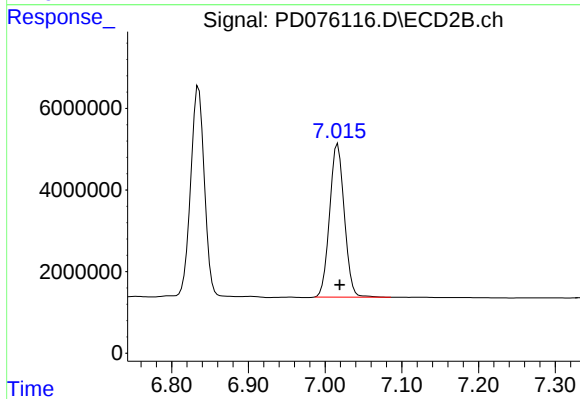
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: -0.002 min  
Response: 63377605  
Conc: 52.16 ng/ml



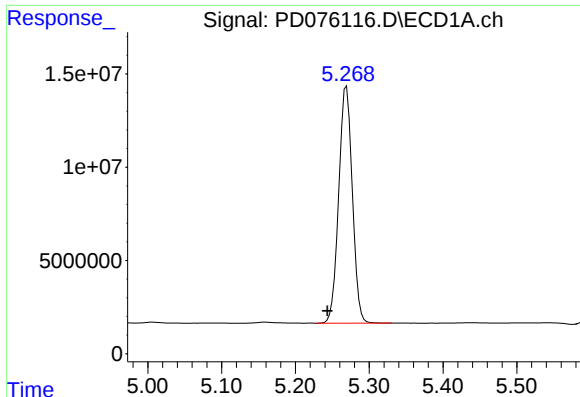
#22 Mirex

R.T.: 8.135 min  
Delta R.T.: -0.003 min  
Response: 93133994  
Conc: 43.47 ng/ml



#22 Mirex

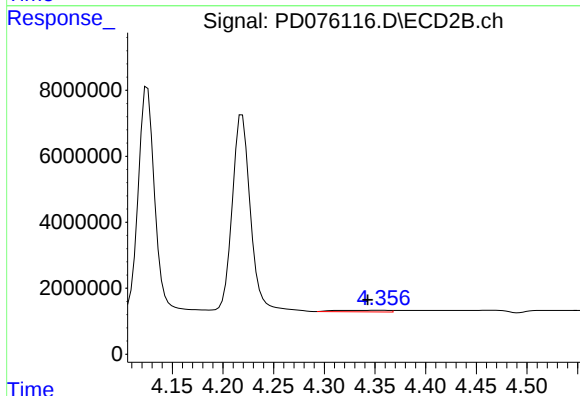
R.T.: 7.017 min  
Delta R.T.: -0.003 min  
Response: 49899792  
Conc: 47.60 ng/ml



#24 Chlordane-2

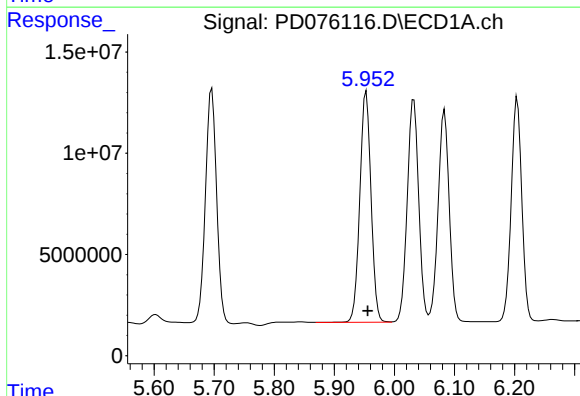
R.T.: 5.269 min  
Delta R.T.: 0.026 min  
Response: 162558315  
Conc: 1235.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



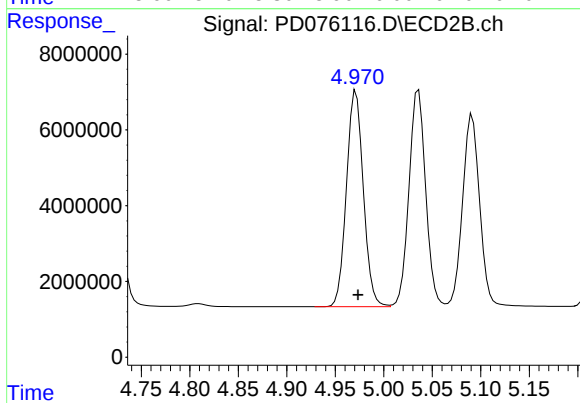
#24 Chlordane-2

R.T.: 4.352 min  
Delta R.T.: 0.009 min  
Response: 1752387  
Conc: 33.05 ng/ml



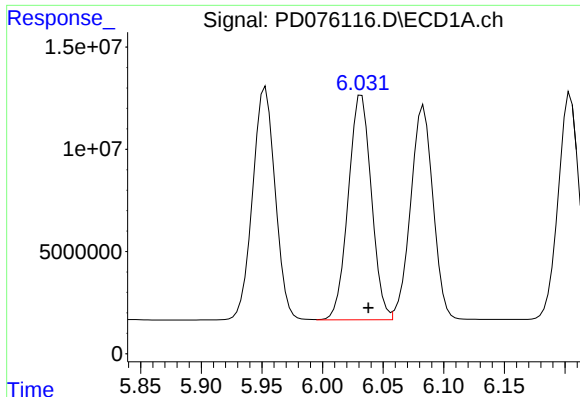
#25 Chlordane-3

R.T.: 5.953 min  
Delta R.T.: -0.003 min  
Response: 147993912  
Conc: 284.98 ng/ml



#25 Chlordane-3

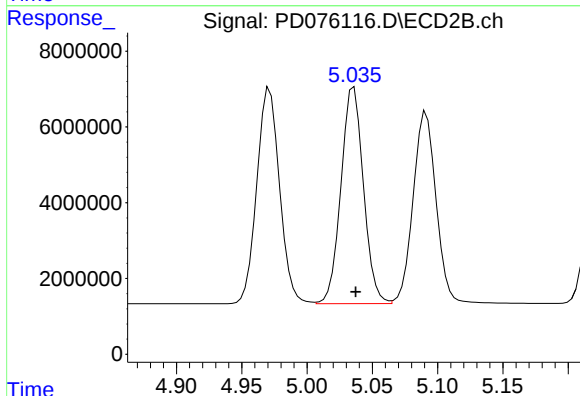
R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 69126284  
Conc: 465.63 ng/ml



#26 Chlordane-4

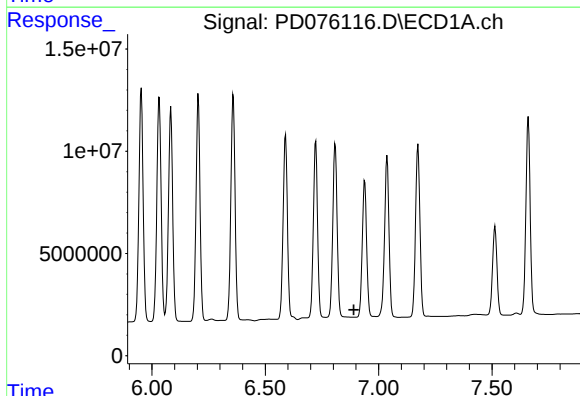
R.T.: 6.032 min  
Delta R.T.: -0.006 min  
Response: 145938108  
Conc: 231.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



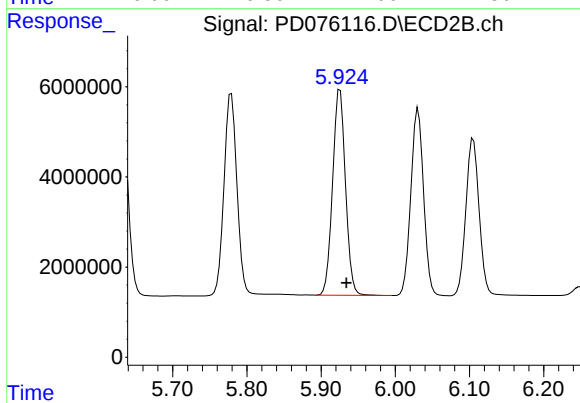
#26 Chlordane-4

R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 68476514  
Conc: 466.59 ng/ml



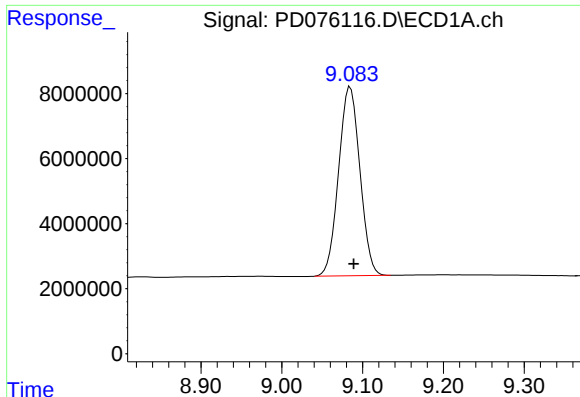
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.890 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

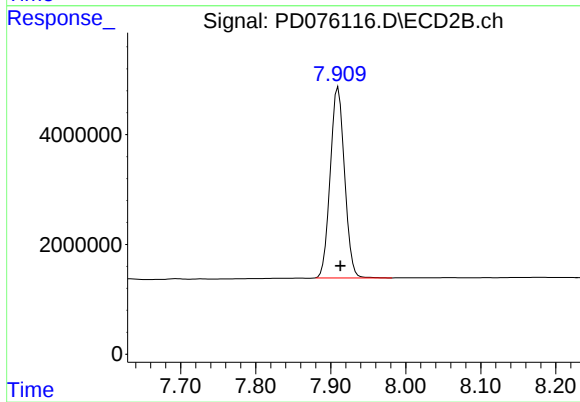
R.T.: 5.925 min  
Delta R.T.: -0.009 min  
Response: 55263240  
Conc: 1142.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: -0.004 min  
Response: 106360127  
Conc: 41.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.910 min  
Delta R.T.: -0.003 min  
Response: 46060032  
Conc: 47.11 ng/ml