

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063023\  
 Data File : PD076241.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2023 13:20  
 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: Jul 01 00:25:38 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... | 3.546  | 2.766 | 96545032 | 48984519 | 45.323   | 45.150     |
| 28)                         | SA Decachlor... | 9.085  | 7.910 | 108.9E6  | 45723695 | 43.005   | 46.762     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.002  | 3.268 | 170.5E6  | 73858218 | 46.192   | 46.168     |
| 3)                          | MA gamma-BHC... | 4.335  | 3.598 | 156.8E6  | 68456920 | 46.591   | 46.461     |
| 4)                          | MA Heptachlor   | 4.926  | 3.938 | 161.3E6  | 69148505 | 44.977   | 45.527     |
| 5)                          | MB Aldrin       | 5.269  | 4.218 | 159.1E6  | 67836995 | 45.398   | 45.492     |
| 6)                          | B beta-BHC      | 4.531  | 3.895 | 65820120 | 29866051 | 45.781   | 46.855     |
| 7)                          | B delta-BHC     | 4.780  | 4.125 | 159.3E6  | 70283041 | 47.921   | 48.505     |
| 8)                          | B Heptachlo...  | 5.696  | 4.720 | 144.2E6  | 62070844 | 44.751   | 45.187     |
| 9)                          | A Endosulfan I  | 6.083  | 5.091 | 134.3E6  | 58030200 | 44.782   | 45.400     |
| 10)                         | B gamma-Chl...  | 5.953  | 4.971 | 147.2E6  | 63235711 | 45.700   | 46.086     |
| 11)                         | B alpha-Chl...  | 6.032  | 5.035 | 145.3E6  | 62586752 | 44.953   | 45.625     |
| 12)                         | B 4,4'-DDE      | 6.205  | 5.224 | 133.0E6  | 57303681 | 46.531   | 51.340     |
| 13)                         | MA Dieldrin     | 6.359  | 5.355 | 141.4E6  | 62503435 | 45.256   | 46.327     |
| 14)                         | MA Endrin       | 6.589  | 5.631 | 116.8E6  | 53928055 | 43.686   | 44.313     |
| 15)                         | B Endosulfa...  | 6.808  | 5.925 | 113.5E6  | 50338378 | 43.915   | 46.659     |
| 16)                         | A 4,4'-DDD      | 6.722  | 5.779 | 110.3E6  | 48794132 | 48.449   | 55.368     |
| 17)                         | MA 4,4'-DDT     | 7.037  | 6.030 | 105.7E6  | 43560412 | 46.571   | 53.627     |
| 18)                         | B Endrin al...  | 6.938  | 6.105 | 69823531 | 39613194 | 34.797   | 45.770 #   |
| 19)                         | B Endosulfa...  | 7.173  | 6.327 | 114.1E6  | 51227418 | 45.283   | 47.406     |
| 20)                         | A Methoxychlor  | 7.513  | 6.605 | 57447049 | 24521193 | 44.381   | 52.979     |
| 21)                         | B Endrin ke...  | 7.660  | 6.834 | 130.4E6  | 59248584 | 46.819   | 48.766     |
| 22)                         | Mirex           | 8.135  | 7.016 | 94817323 | 46250073 | 44.254   | 44.122     |
| 24)                         | Chlordane-2     | 5.269f | 0.000 | 159.1E6  | 0        | 1208.782 | N.D. #     |
| 25)                         | Chlordane-3     | 5.953  | 4.971 | 147.2E6  | 63235711 | 283.482  | 425.947 #  |
| 26)                         | Chlordane-4     | 6.032  | 5.035 | 145.3E6  | 62586752 | 230.598  | 426.462 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.925 | 0        | 50338378 | N.D.     | 1040.749 # |
| -----                       |                 |        |       |          |          |          |            |

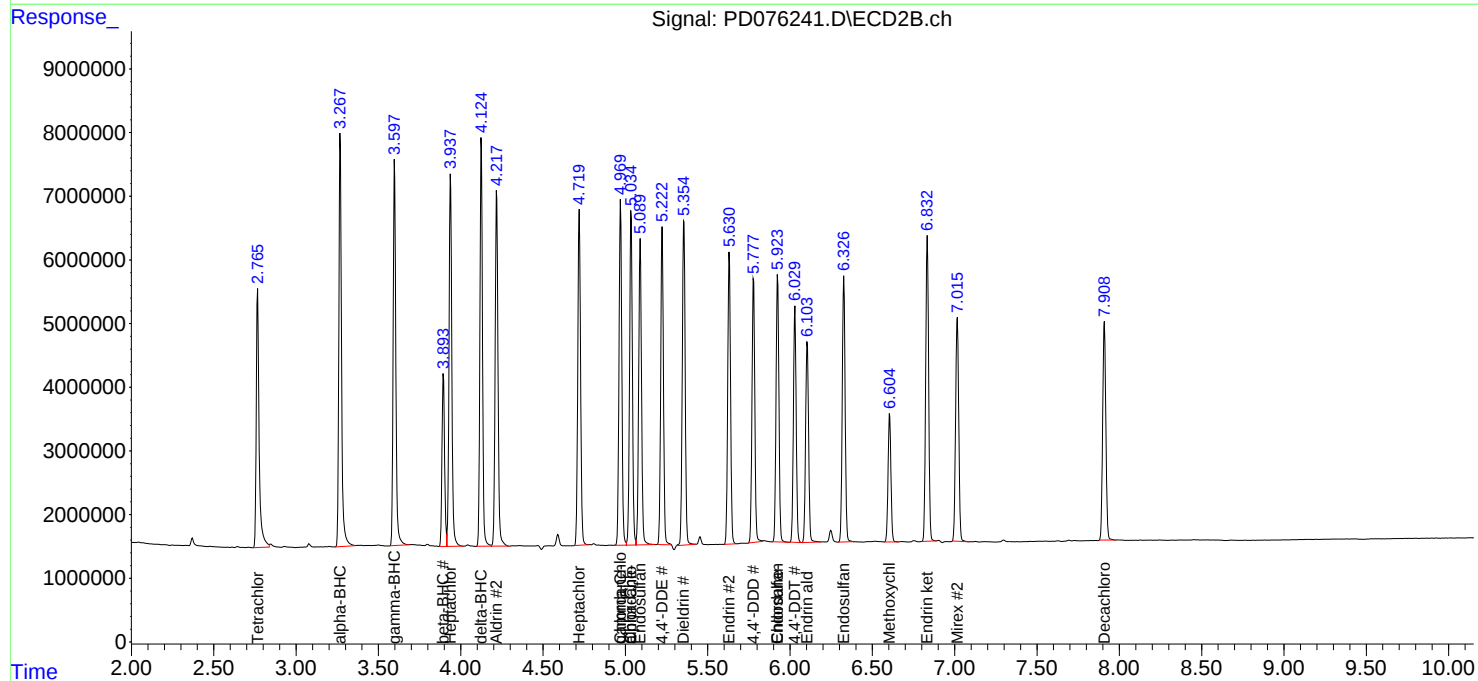
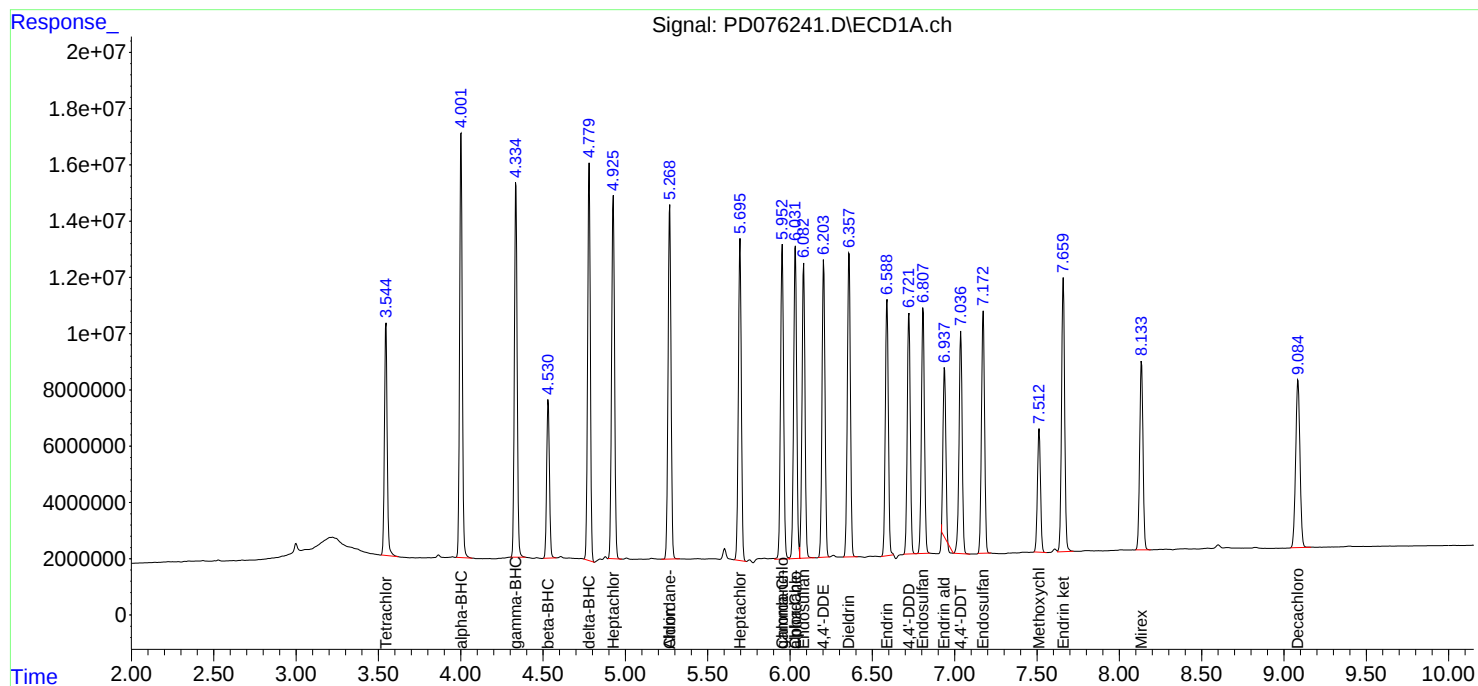
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

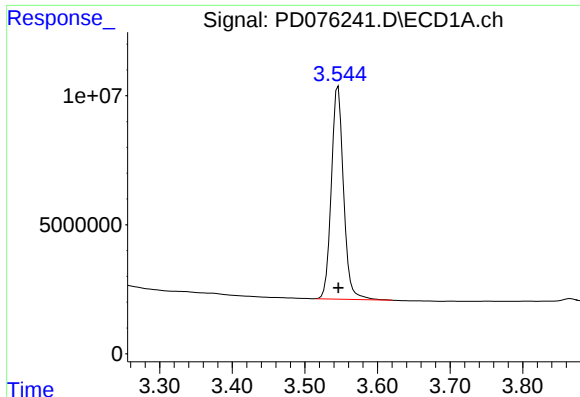
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063023\  
Data File : PD076241.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2023 13:20  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 00:25:38 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

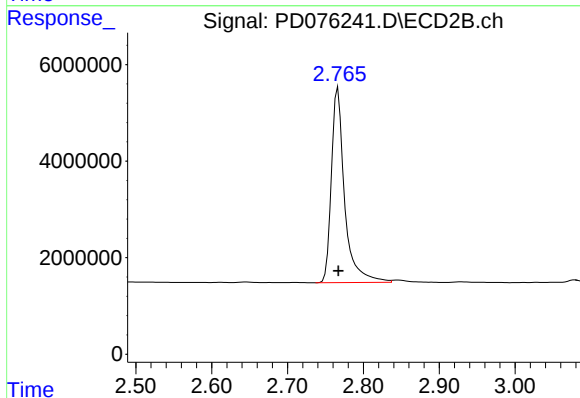




#1 Tetrachloro-m-xylene

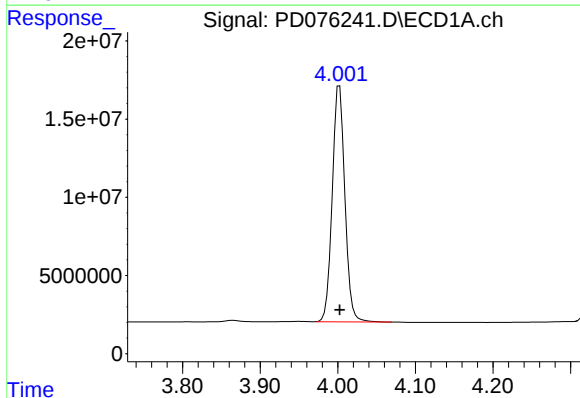
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 96545032  
Conc: 45.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



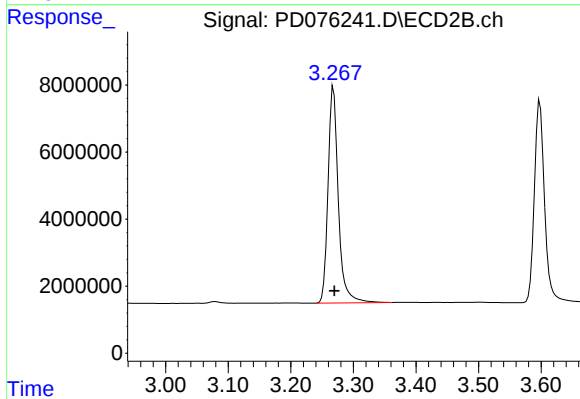
#1 Tetrachloro-m-xylene

R.T.: 2.766 min  
Delta R.T.: 0.000 min  
Response: 48984519  
Conc: 45.15 ng/ml



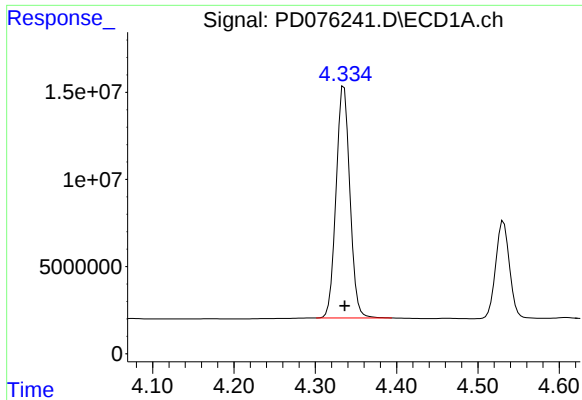
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 170546610  
Conc: 46.19 ng/ml



#2 alpha-BHC

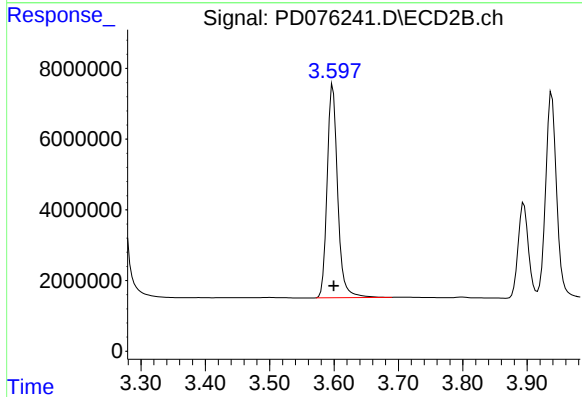
R.T.: 3.268 min  
Delta R.T.: -0.001 min  
Response: 73858218  
Conc: 46.17 ng/ml



#3 gamma-BHC (Lindane)

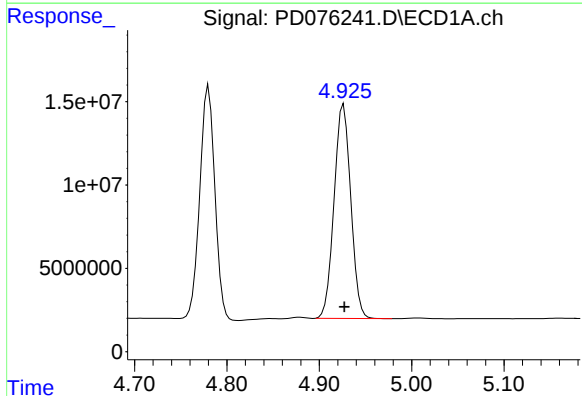
R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 156774569  
Conc: 46.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



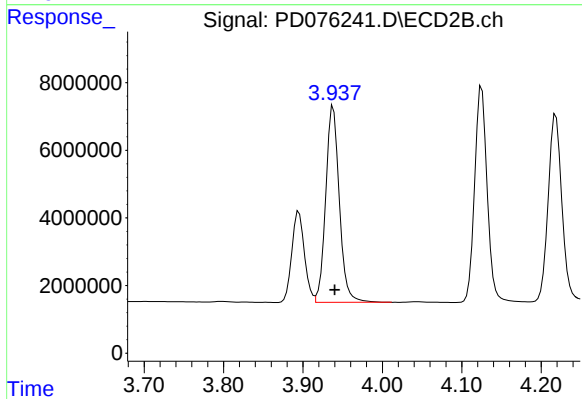
#3 gamma-BHC (Lindane)

R.T.: 3.598 min  
Delta R.T.: -0.001 min  
Response: 68456920  
Conc: 46.46 ng/ml



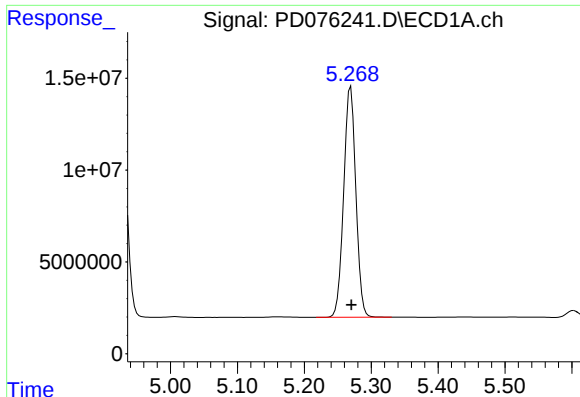
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.000 min  
Response: 161316109  
Conc: 44.98 ng/ml



#4 Heptachlor

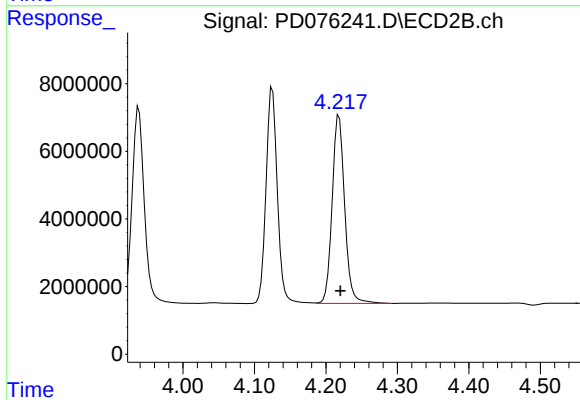
R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 69148505  
Conc: 45.53 ng/ml



#5 Aldrin

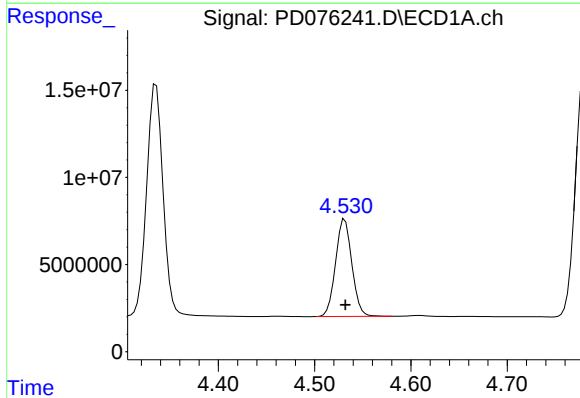
R.T.: 5.269 min  
Delta R.T.: -0.001 min  
Response: 159085849  
Conc: 45.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



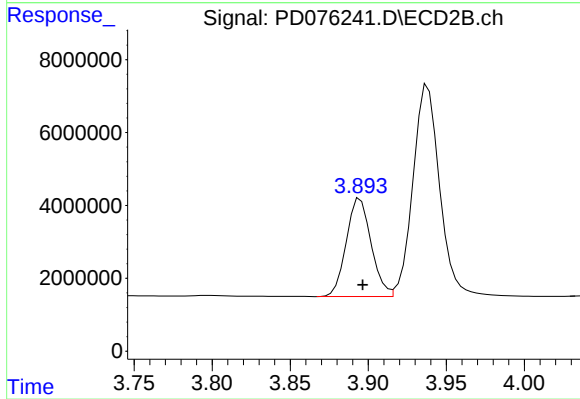
#5 Aldrin

R.T.: 4.218 min  
Delta R.T.: -0.002 min  
Response: 67836995  
Conc: 45.49 ng/ml



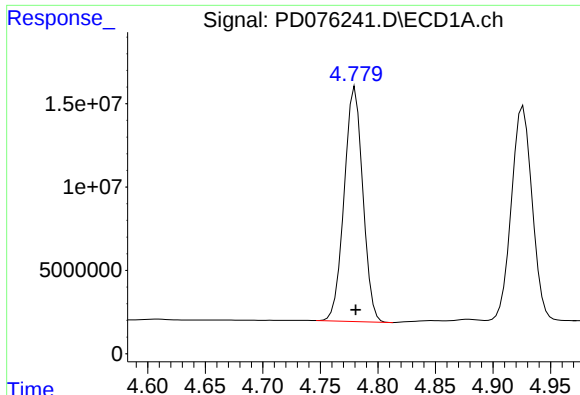
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 65820120  
Conc: 45.78 ng/ml



#6 beta-BHC

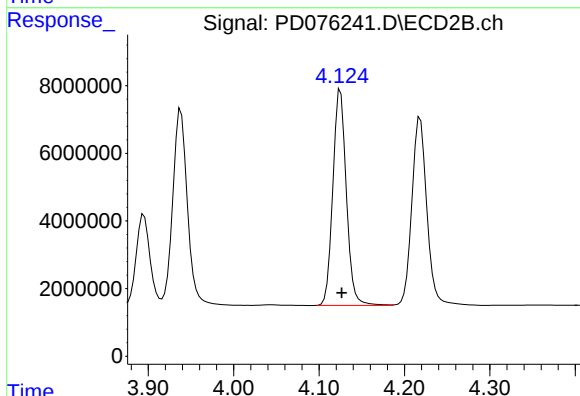
R.T.: 3.895 min  
Delta R.T.: -0.001 min  
Response: 29866051  
Conc: 46.86 ng/ml



#7 delta-BHC

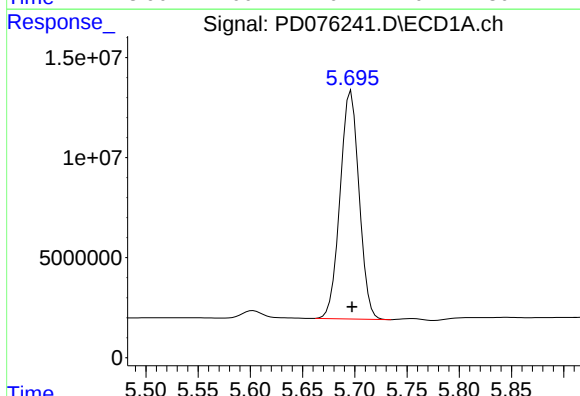
R.T.: 4.780 min  
Delta R.T.: 0.000 min  
Response: 159273468  
Conc: 47.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



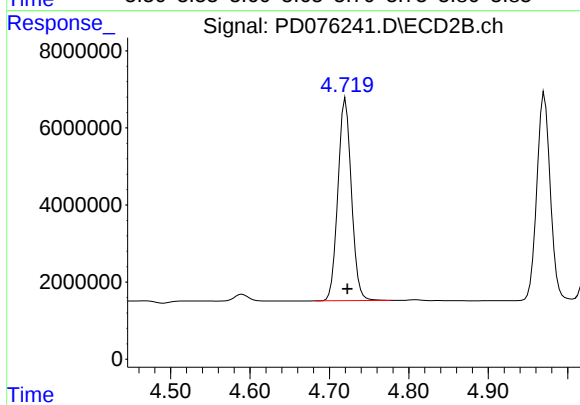
#7 delta-BHC

R.T.: 4.125 min  
Delta R.T.: -0.001 min  
Response: 70283041  
Conc: 48.51 ng/ml



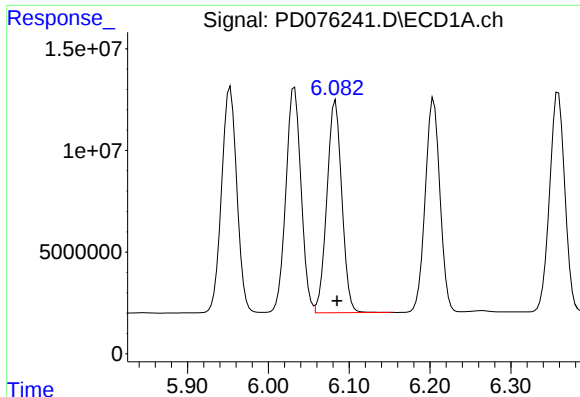
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.000 min  
Response: 144200917  
Conc: 44.75 ng/ml



#8 Heptachlor epoxide

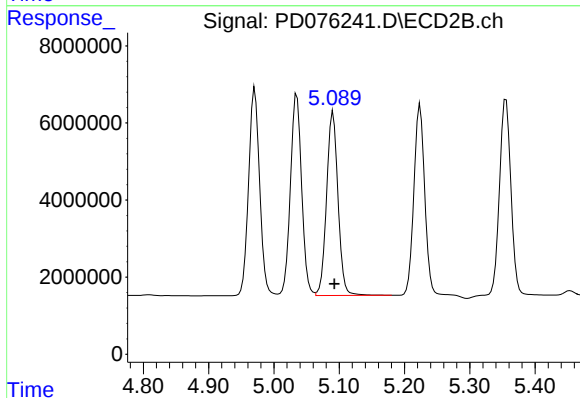
R.T.: 4.720 min  
Delta R.T.: -0.002 min  
Response: 62070844  
Conc: 45.19 ng/ml



#9 Endosulfan I

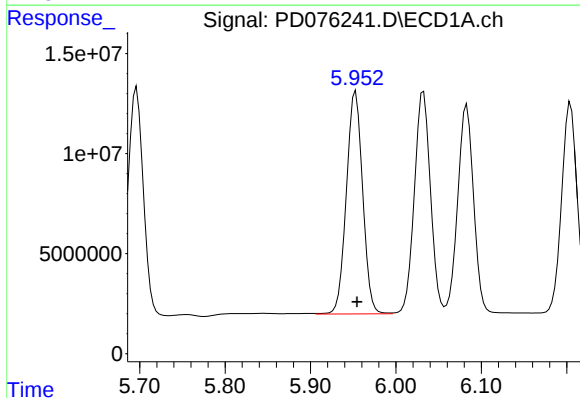
R.T.: 6.083 min  
Delta R.T.: -0.002 min  
Response: 134323328  
Conc: 44.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



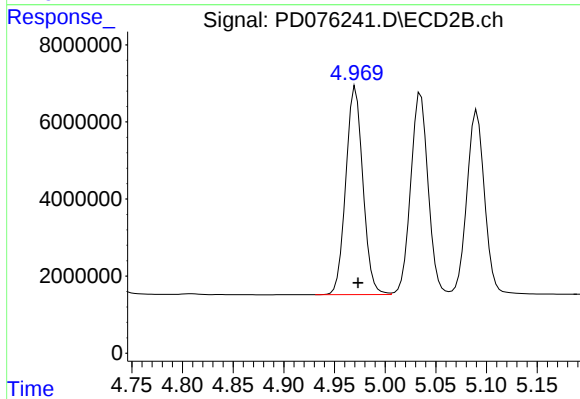
#9 Endosulfan I

R.T.: 5.091 min  
Delta R.T.: -0.002 min  
Response: 58030200  
Conc: 45.40 ng/ml



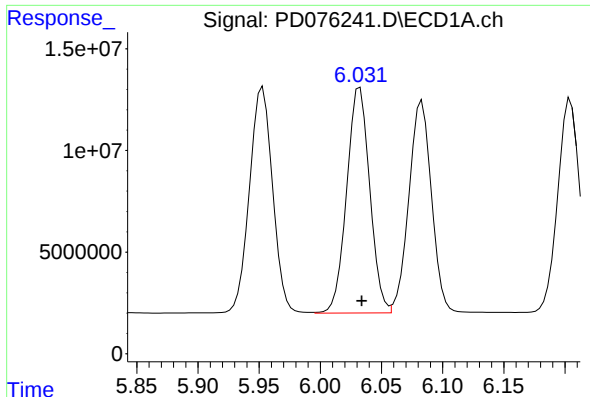
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: -0.002 min  
Response: 147215611  
Conc: 45.70 ng/ml



#10 gamma-Chlordane

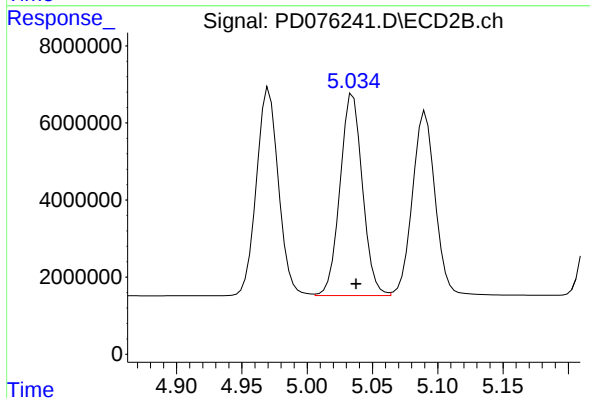
R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 63235711  
Conc: 46.09 ng/ml



#11 alpha-Chlordane

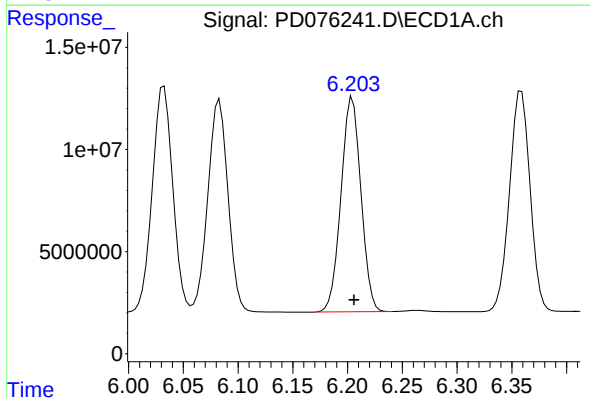
R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 145328079  
Conc: 44.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



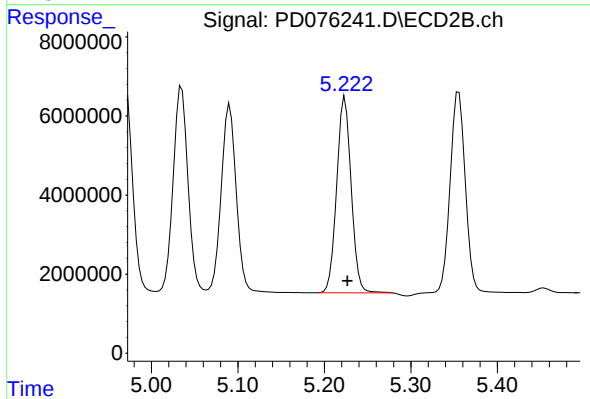
#11 alpha-Chlordane

R.T.: 5.035 min  
Delta R.T.: -0.002 min  
Response: 62586752  
Conc: 45.62 ng/ml



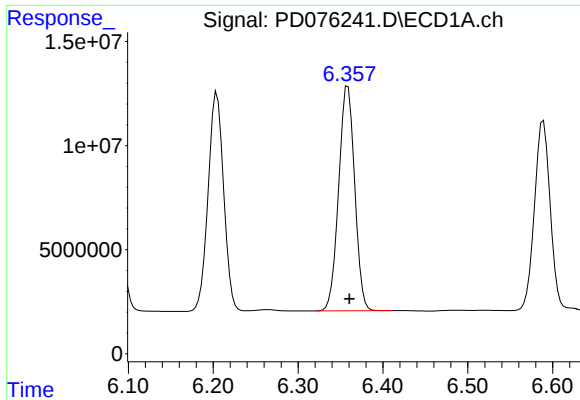
#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: -0.001 min  
Response: 132992281  
Conc: 46.53 ng/ml



#12 4,4'-DDE

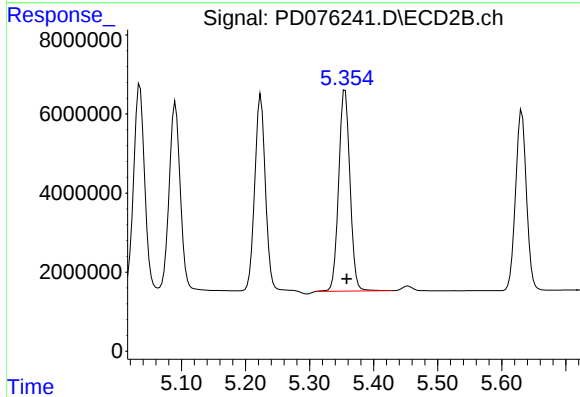
R.T.: 5.224 min  
Delta R.T.: -0.003 min  
Response: 57303681  
Conc: 51.34 ng/ml



#13 Dieldrin

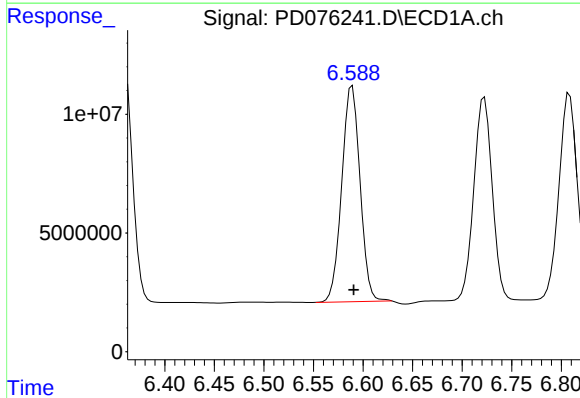
R.T.: 6.359 min  
Delta R.T.: -0.002 min  
Response: 141422226  
Conc: 45.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



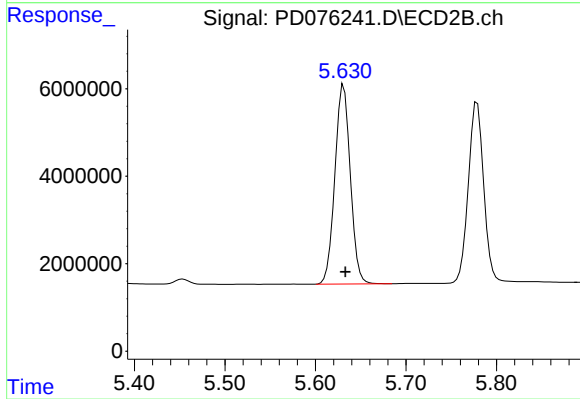
#13 Dieldrin

R.T.: 5.355 min  
Delta R.T.: -0.003 min  
Response: 62503435  
Conc: 46.33 ng/ml



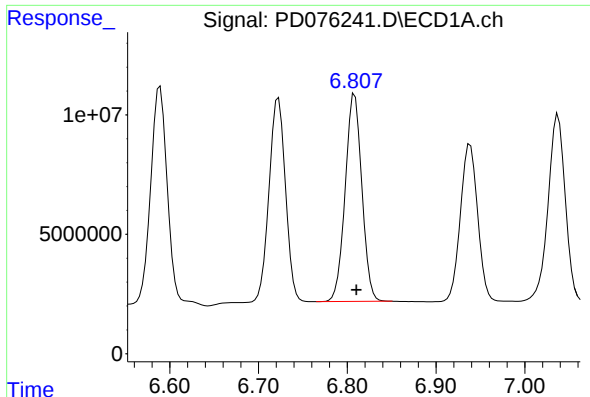
#14 Endrin

R.T.: 6.589 min  
Delta R.T.: -0.001 min  
Response: 116830920  
Conc: 43.69 ng/ml



#14 Endrin

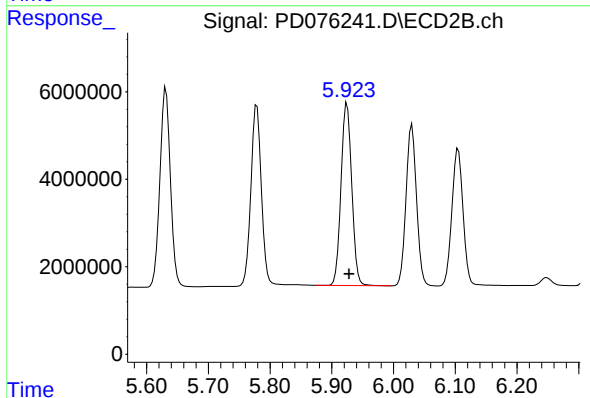
R.T.: 5.631 min  
Delta R.T.: -0.002 min  
Response: 53928055  
Conc: 44.31 ng/ml



#15 Endosulfan II

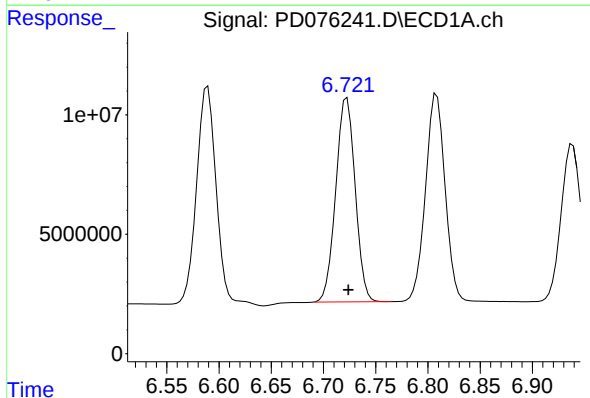
R.T.: 6.808 min  
Delta R.T.: -0.002 min  
Response: 113461421  
Conc: 43.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



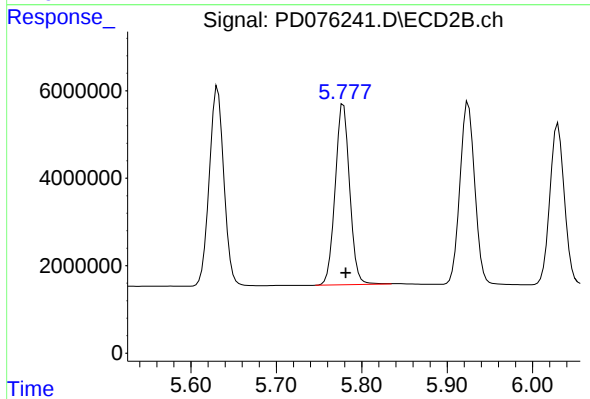
#15 Endosulfan II

R.T.: 5.925 min  
Delta R.T.: -0.003 min  
Response: 50338378  
Conc: 46.66 ng/ml



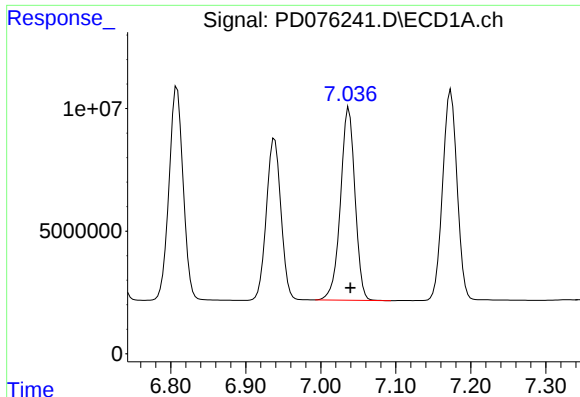
#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: -0.001 min  
Response: 110251626  
Conc: 48.45 ng/ml



#16 4,4'-DDD

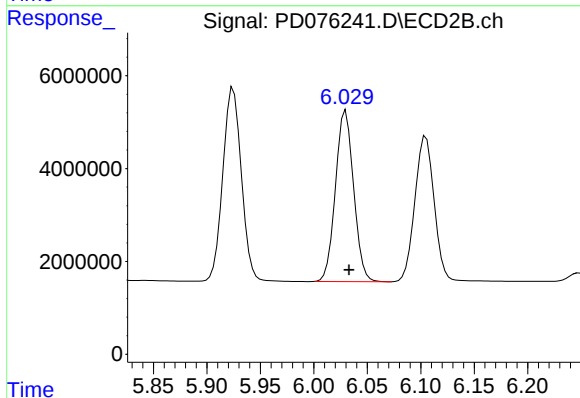
R.T.: 5.779 min  
Delta R.T.: -0.003 min  
Response: 48794132  
Conc: 55.37 ng/ml



#17 4,4'-DDT

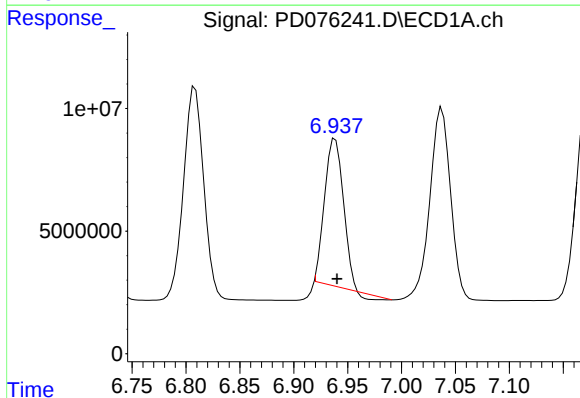
R.T.: 7.037 min  
Delta R.T.: -0.002 min  
Response: 105680743  
Conc: 46.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



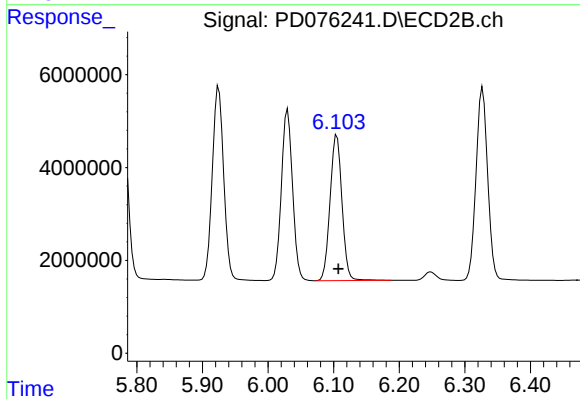
#17 4,4'-DDT

R.T.: 6.030 min  
Delta R.T.: -0.003 min  
Response: 43560412  
Conc: 53.63 ng/ml



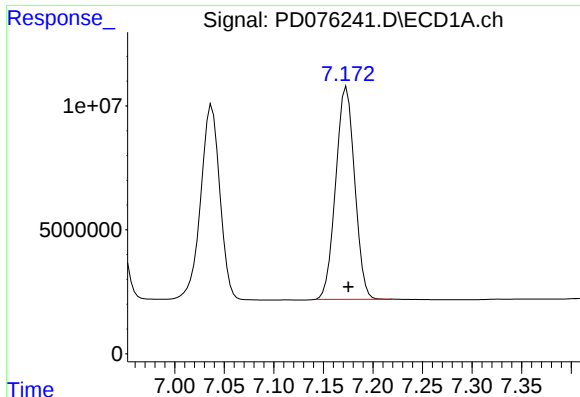
#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: -0.002 min  
Response: 69823531  
Conc: 34.80 ng/ml



#18 Endrin aldehyde

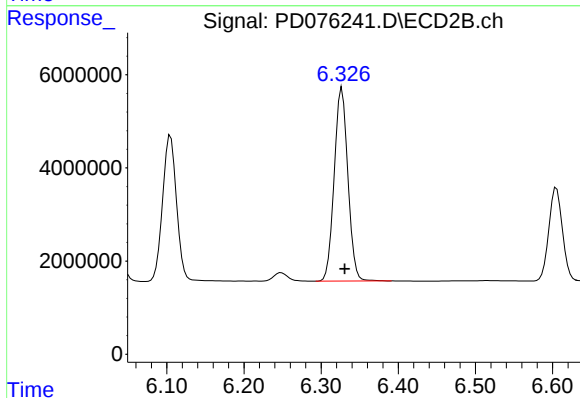
R.T.: 6.105 min  
Delta R.T.: -0.003 min  
Response: 39613194  
Conc: 45.77 ng/ml



#19 Endosulfan Sulfate

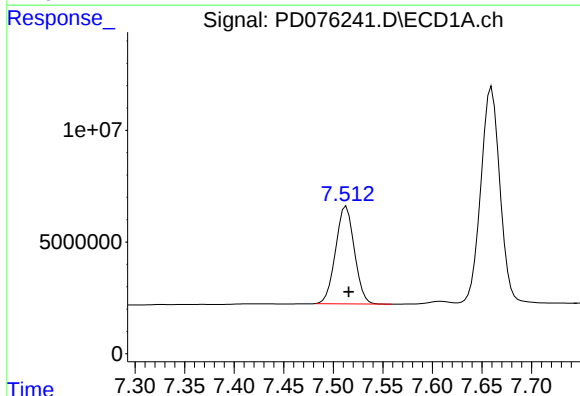
R.T.: 7.173 min  
Delta R.T.: -0.002 min  
Response: 114084431  
Conc: 45.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



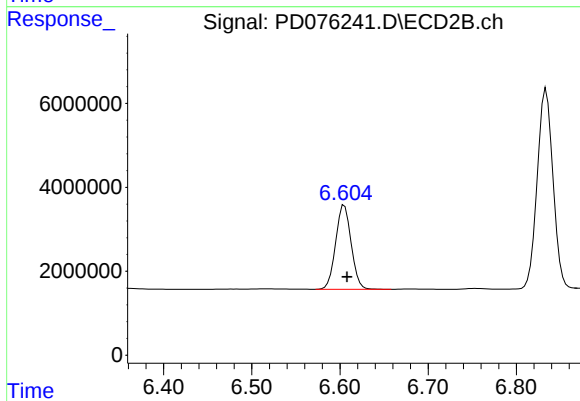
#19 Endosulfan Sulfate

R.T.: 6.327 min  
Delta R.T.: -0.004 min  
Response: 51227418  
Conc: 47.41 ng/ml



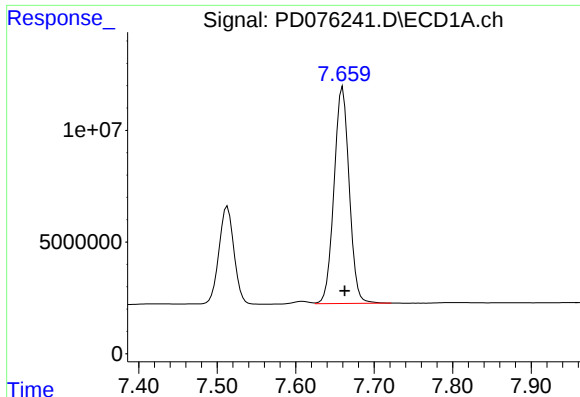
#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: -0.003 min  
Response: 57447049  
Conc: 44.38 ng/ml



#20 Methoxychlor

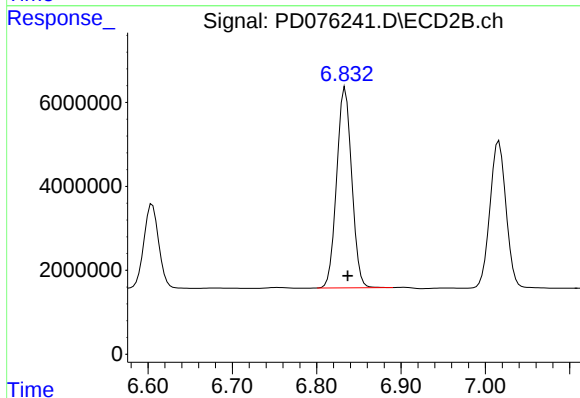
R.T.: 6.605 min  
Delta R.T.: -0.003 min  
Response: 24521193  
Conc: 52.98 ng/ml



#21 Endrin ketone

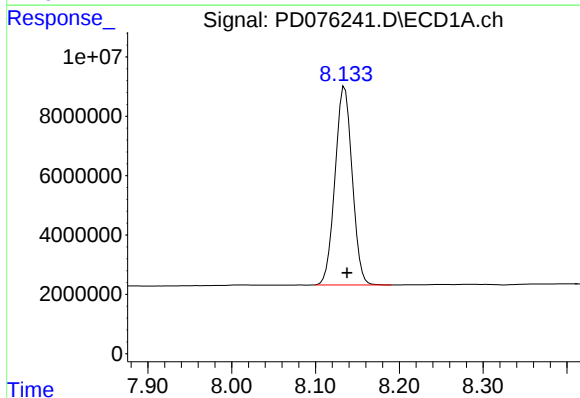
R.T.: 7.660 min  
Delta R.T.: -0.003 min  
Response: 130435754  
Conc: 46.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



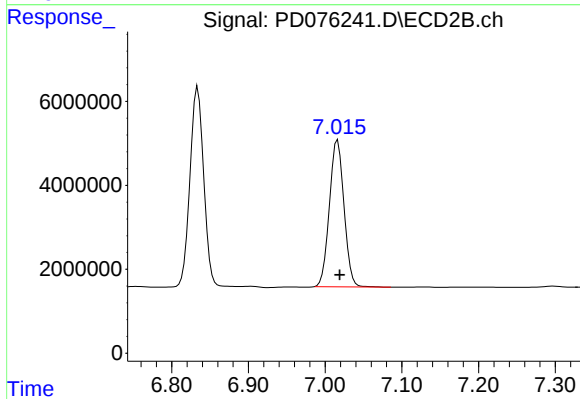
#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: -0.003 min  
Response: 59248584  
Conc: 48.77 ng/ml



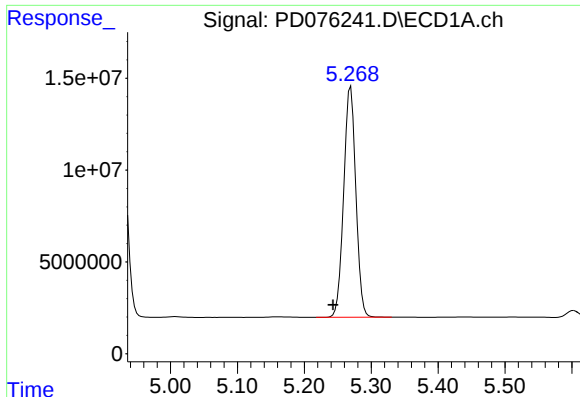
#22 Mirex

R.T.: 8.135 min  
Delta R.T.: -0.003 min  
Response: 94817323  
Conc: 44.25 ng/ml



#22 Mirex

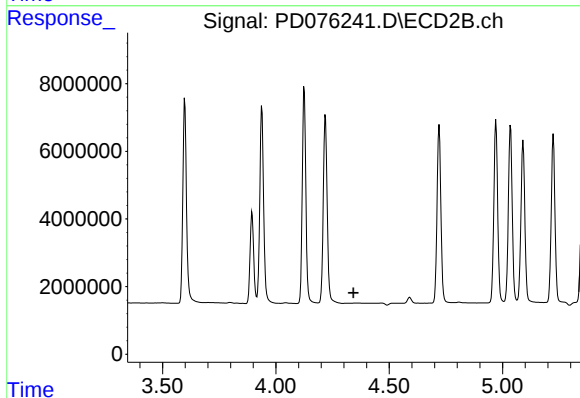
R.T.: 7.016 min  
Delta R.T.: -0.003 min  
Response: 46250073  
Conc: 44.12 ng/ml



#24 Chlordane-2

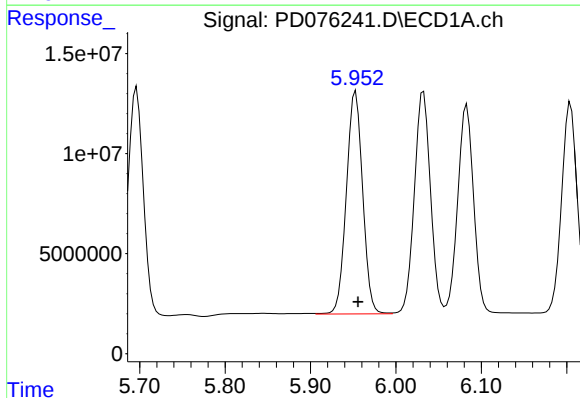
R.T.: 5.269 min  
Delta R.T.: 0.026 min  
Response: 159085849  
Conc: 1208.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



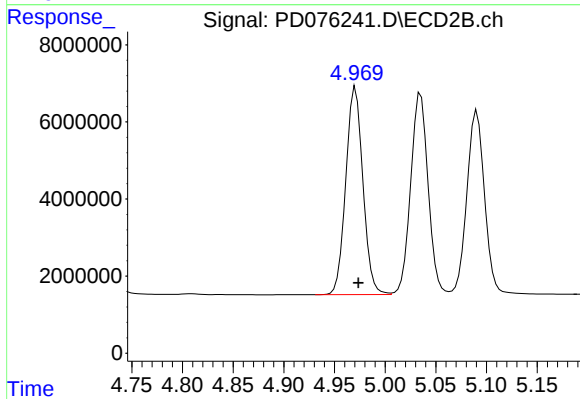
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.343 min  
Response: 0  
Conc: N.D.



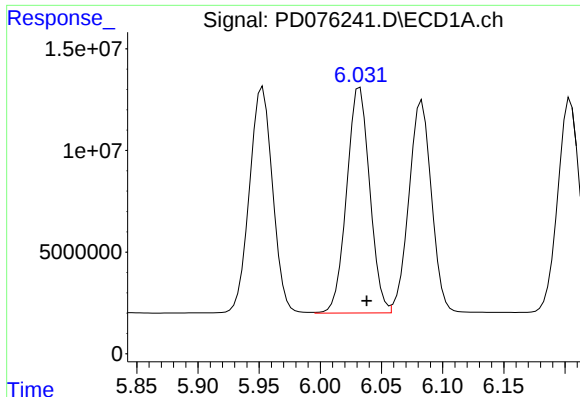
#25 Chlordane-3

R.T.: 5.953 min  
Delta R.T.: -0.003 min  
Response: 147215611  
Conc: 283.48 ng/ml



#25 Chlordane-3

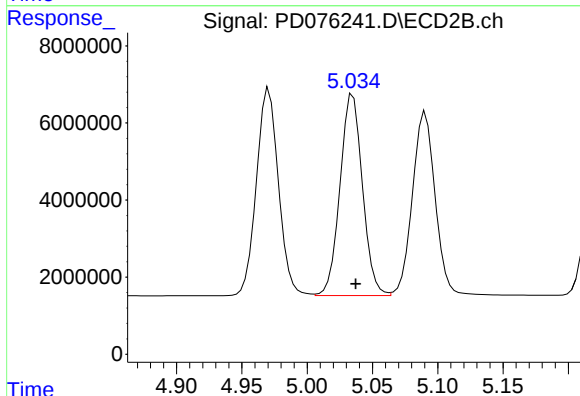
R.T.: 4.971 min  
Delta R.T.: -0.003 min  
Response: 63235711  
Conc: 425.95 ng/ml



#26 Chlordane-4

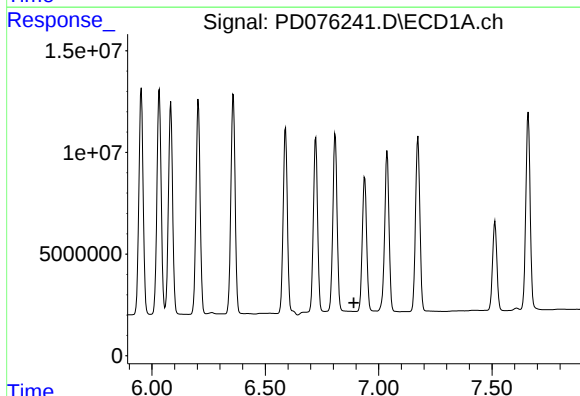
R.T.: 6.032 min  
Delta R.T.: -0.006 min  
Response: 145328079  
Conc: 230.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



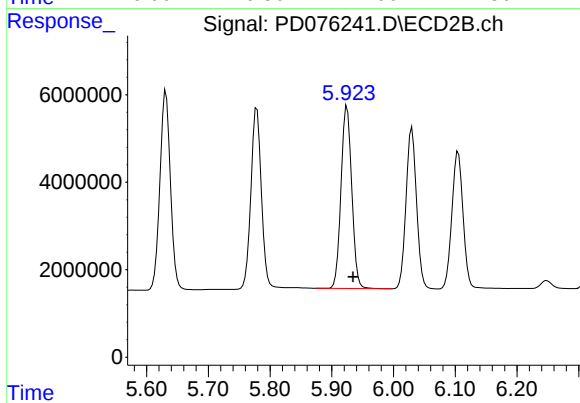
#26 Chlordane-4

R.T.: 5.035 min  
Delta R.T.: -0.002 min  
Response: 62586752  
Conc: 426.46 ng/ml



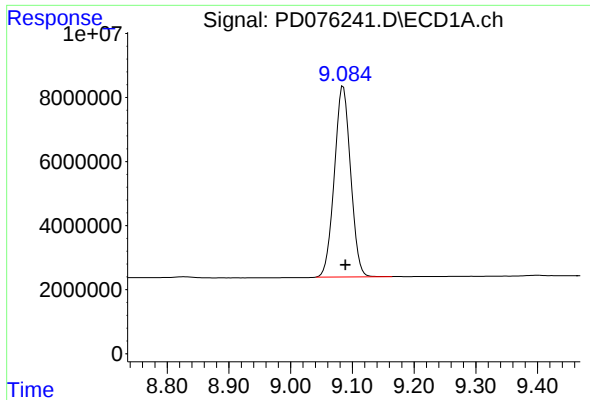
#27 Chlordane-5

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



#27 Chlordane-5

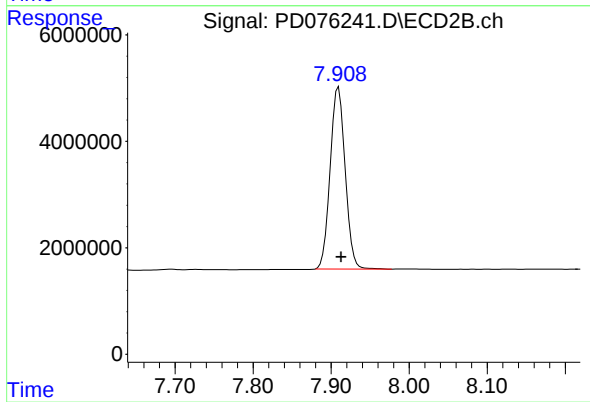
R.T.: 5.925 min  
Delta R.T.: -0.010 min  
Response: 50338378  
Conc: 1040.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: -0.004 min  
Response: 108946935  
Conc: 43.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.910 min  
Delta R.T.: -0.003 min  
Response: 45723695  
Conc: 46.76 ng/ml