

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112724\  
 Data File : PD086972.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Nov 2024 17:19  
 Operator : AR\AJ  
 Sample : P5005-01MSD 5X  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 28 00:08:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 15:47:26 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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... | 3.557  | 2.884 | 8385580  | 54981821 | 4.193   | 4.803     |
| 28)                         | SA Decachlor... | 9.090  | 8.088 | 11987377 | 60219017 | 3.768   | 4.322     |
| Target Compounds            |                 |        |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.007  | 3.398 | 34712714 | 187.7E6  | 8.626   | 10.652    |
| 3)                          | MA gamma-BHC... | 4.338  | 3.734 | 34811261 | 181.3E6  | 8.728   | 10.793    |
| 4)                          | MA Heptachlor   | 4.939  | 4.090 | 38610942 | 187.4E6  | 9.834   | 11.526    |
| 5)                          | MB Aldrin       | 5.280  | 4.377 | 39825806 | 178.8E6  | 9.771   | 10.697    |
| 6)                          | B beta-BHC      | 4.522  | 4.030 | 16747001 | 84785767 | 10.618  | 11.839    |
| 7)                          | B delta-BHC     | 4.771  | 4.267 | 35201479 | 177.7E6  | 8.636   | 10.454    |
| 8)                          | B Heptachlo...  | 5.701  | 4.881 | 35020370 | 167.4E6  | 9.691   | 11.022    |
| 9)                          | A Endosulfan I  | 6.084  | 5.256 | 33227724 | 160.2E6  | 9.902   | 11.285    |
| 10)                         | B gamma-Chl...  | 5.956  | 5.135 | 38459166 | 198.4E6  | 10.886  | 12.752    |
| 11)                         | B alpha-Chl...  | 6.037  | 5.200 | 40708373 | 188.6E6  | 11.394  | 12.343    |
| 12)                         | B 4,4'-DDE      | 6.206  | 5.385 | 29669021 | 167.3E6  | 9.119   | 11.098    |
| 13)                         | MA Dieldrin     | 6.357  | 5.523 | 34049010 | 174.5E6  | 9.425   | 11.205    |
| 14)                         | MA Endrin       | 6.584  | 5.799 | 28195504 | 166.2E6  | 9.318   | 11.883 #  |
| 15)                         | B Endosulfa...  | 6.795  | 6.091 | 28137306 | 154.8E6  | 9.414   | 11.248    |
| 16)                         | A 4,4'-DDD      | 6.715  | 5.940 | 25317281 | 135.4E6  | 9.739   | 10.773    |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.195 | 26550504 | 147.7E6  | 9.399   | 11.078    |
| 18)                         | B Endrin al...  | 6.925  | 6.269 | 22813184 | 115.6E6  | 9.332   | 10.419    |
| 19)                         | B Endosulfa...  | 7.159  | 6.493 | 28020147 | 146.1E6  | 9.629   | 10.802    |
| 20)                         | A Methoxychlor  | 7.505  | 6.767 | 14956106 | 80292252 | 9.352   | 11.193    |
| 21)                         | B Endrin ke...  | 7.641  | 7.003 | 30080248 | 152.0E6  | 9.269   | 10.087    |
| 22)                         | Mirex           | 8.127  | 7.199 | 33536982 | 124.7E6  | 13.442  | 10.112    |
| 23)                         | Chlordane-1     | 4.724  | 3.913 | 321697   | 5413484  | 2.519   | 10.402 #  |
| 24)                         | Chlordane-2     | 5.280f | 4.499 | 39825806 | 8107678  | 279.905 | 14.550 #  |
| 25)                         | Chlordane-3     | 5.956  | 5.135 | 38459166 | 198.4E6  | 70.486  | 119.925 # |
| 26)                         | Chlordane-4     | 6.037  | 5.200 | 40708373 | 188.6E6  | 61.705  | 134.529 # |
| 27)                         | Chlordane-5     | 6.878  | 6.091 | 1453     | 154.8E6  | 0.012   | 241.612 # |
| -----                       |                 |        |       |          |          |         |           |

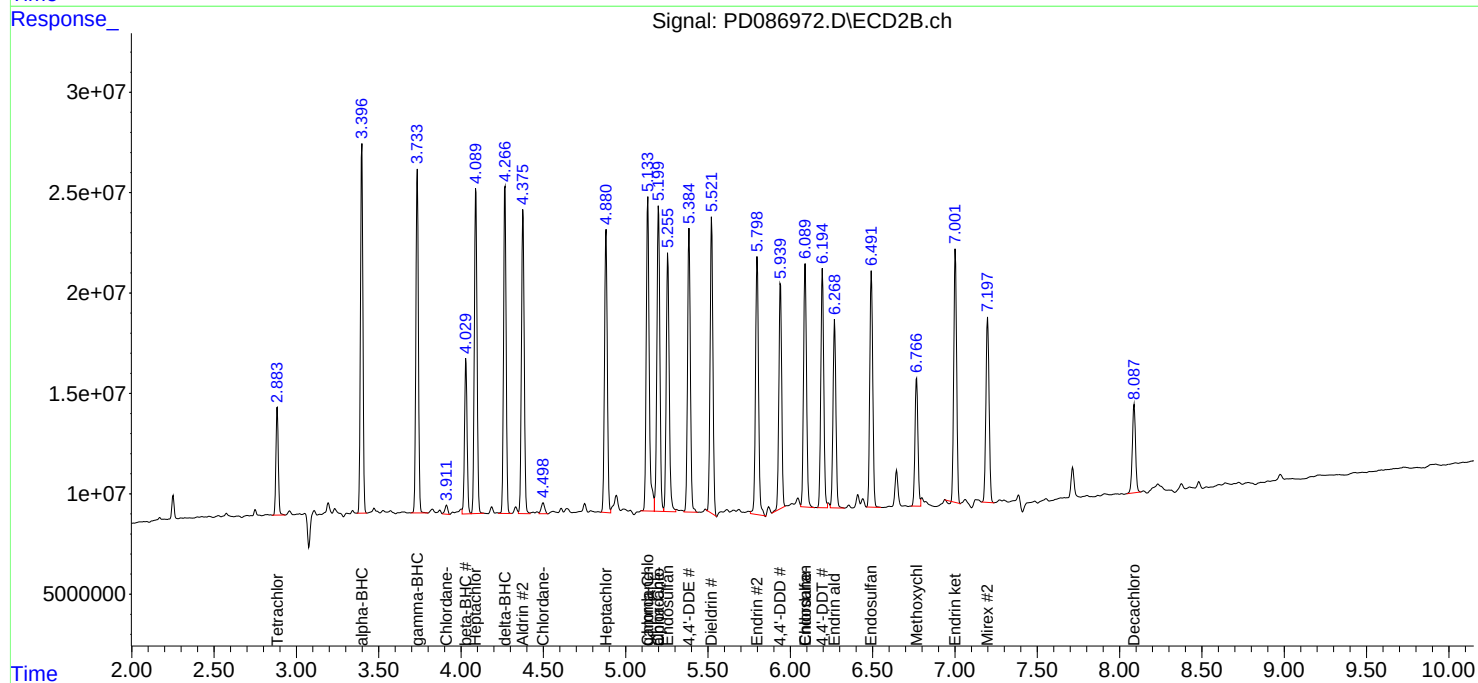
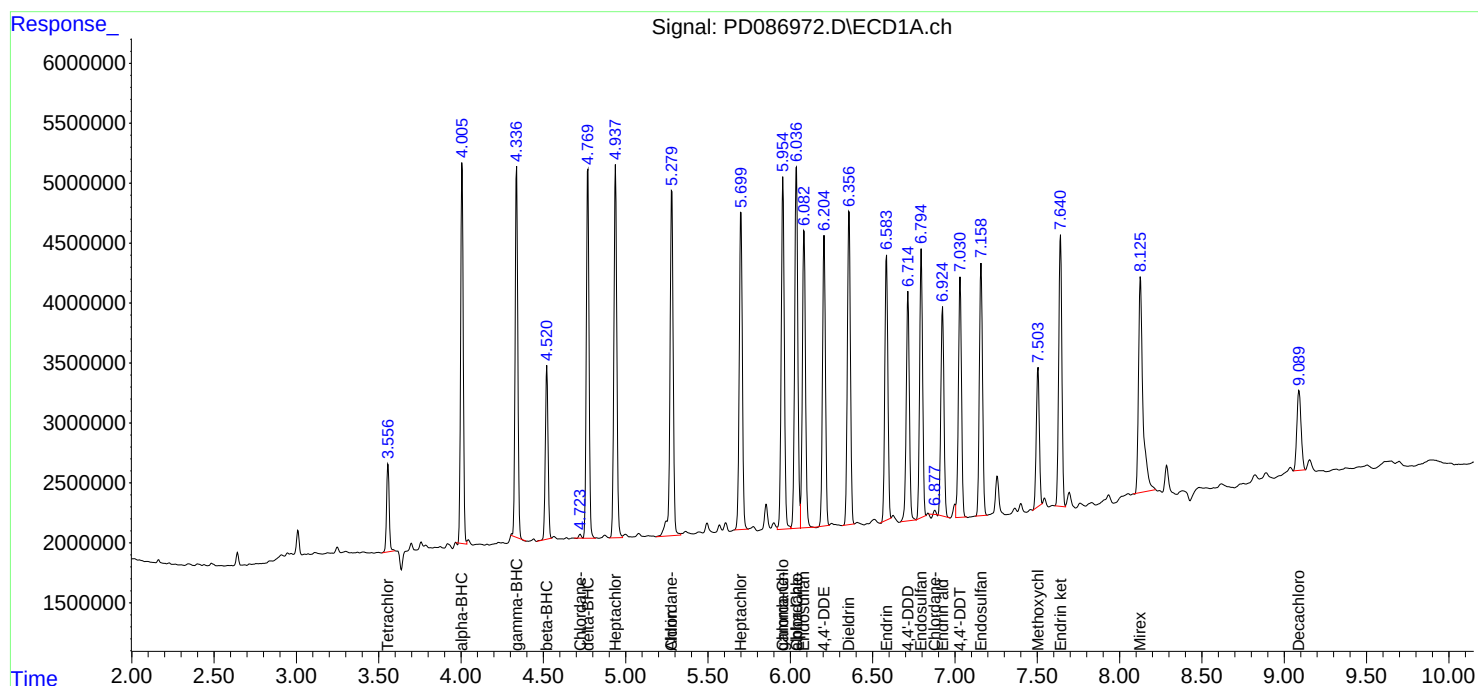
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

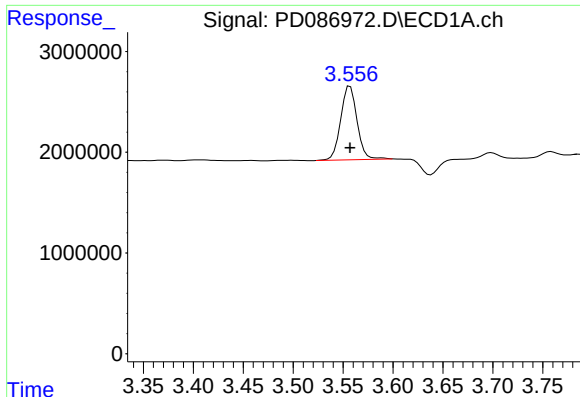
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD112724\  
Data File : PD086972.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Nov 2024 17:19  
Operator : AR\AJ  
Sample : P5005-01MSD 5X  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 28 00:08:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112724.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 15:47:26 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

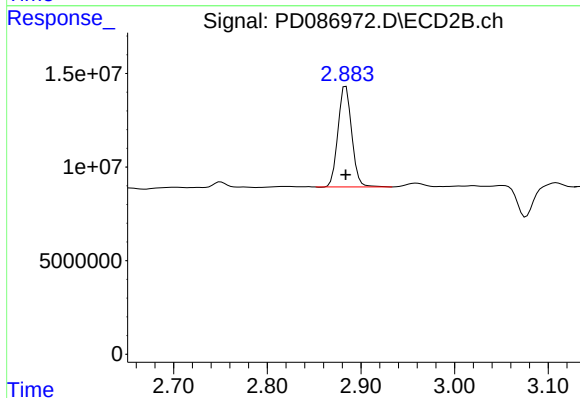




#1 Tetrachloro-m-xylene

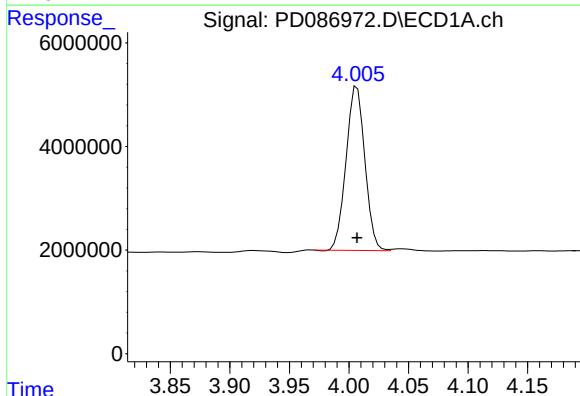
R.T.: 3.557 min  
Delta R.T.: 0.000 min  
Response: 8385580  
Conc: 4.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



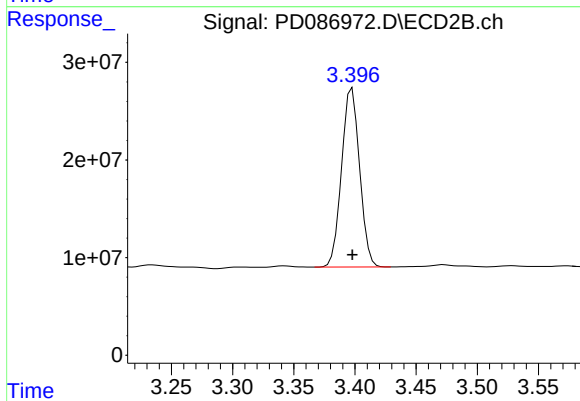
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 54981821  
Conc: 4.80 ng/ml



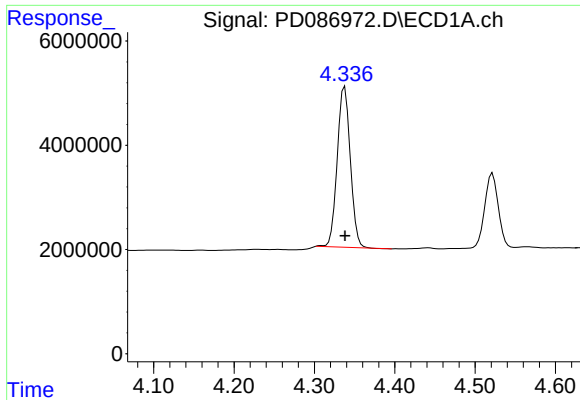
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 34712714  
Conc: 8.63 ng/ml



#2 alpha-BHC

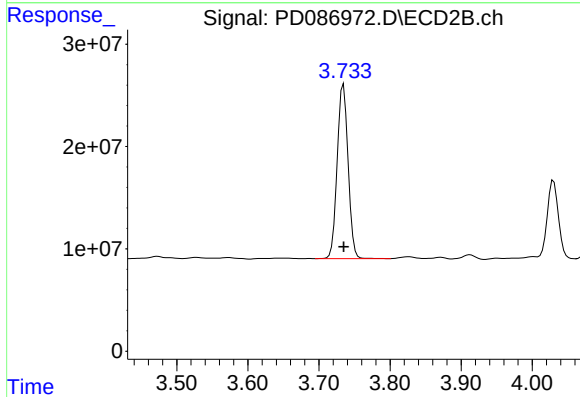
R.T.: 3.398 min  
Delta R.T.: 0.000 min  
Response: 187697944  
Conc: 10.65 ng/ml



#3 gamma-BHC (Lindane)

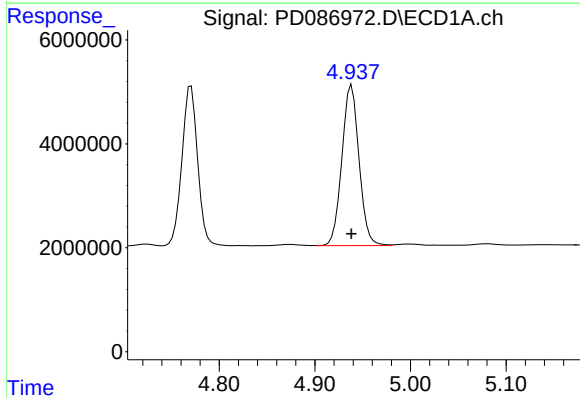
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 34811261  
Conc: 8.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



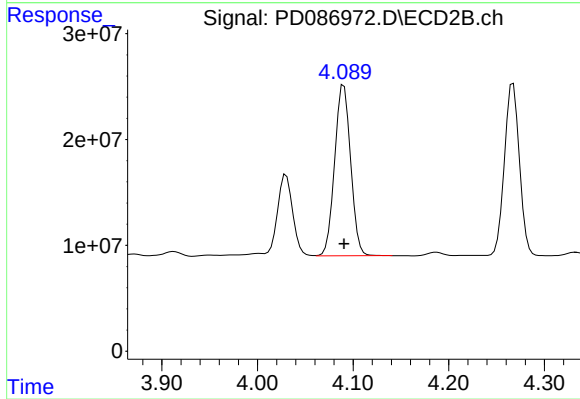
#3 gamma-BHC (Lindane)

R.T.: 3.734 min  
Delta R.T.: 0.000 min  
Response: 181270862  
Conc: 10.79 ng/ml



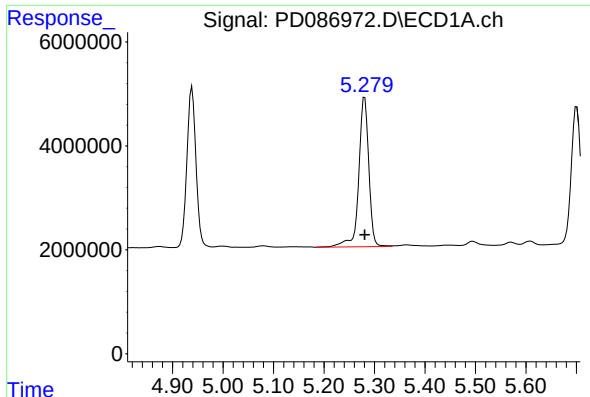
#4 Heptachlor

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 38610942  
Conc: 9.83 ng/ml



#4 Heptachlor

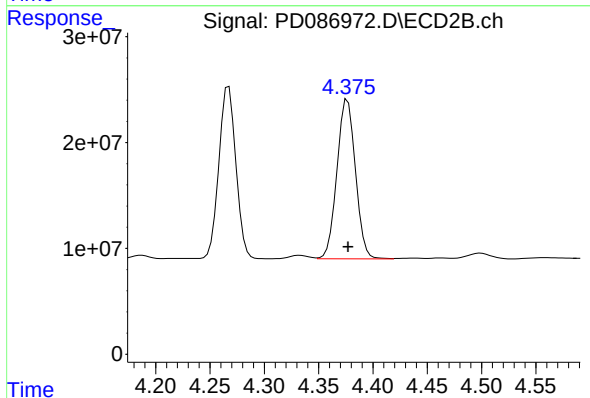
R.T.: 4.090 min  
Delta R.T.: 0.000 min  
Response: 187357067  
Conc: 11.53 ng/ml



#5 Aldrin

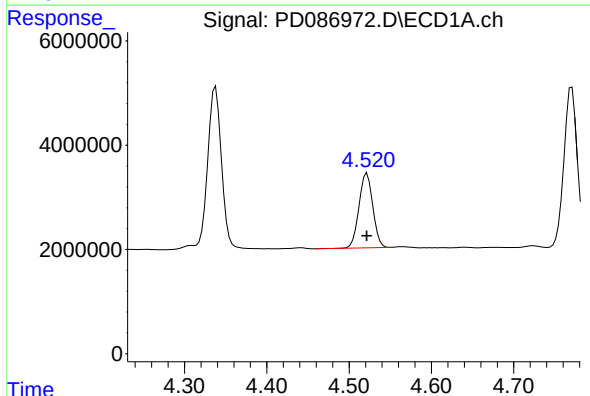
R.T.: 5.280 min  
Delta R.T.: 0.000 min  
Response: 39825806  
Conc: 9.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



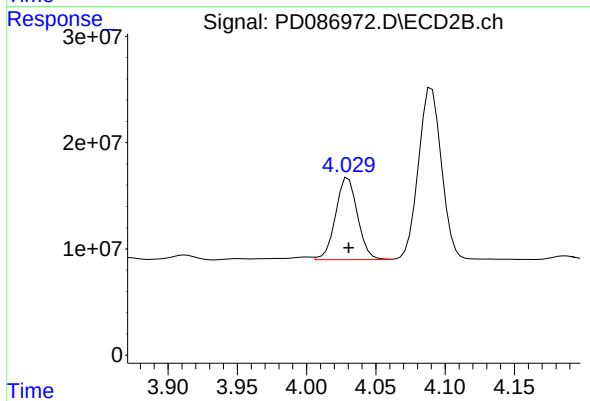
#5 Aldrin

R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 178830620  
Conc: 10.70 ng/ml



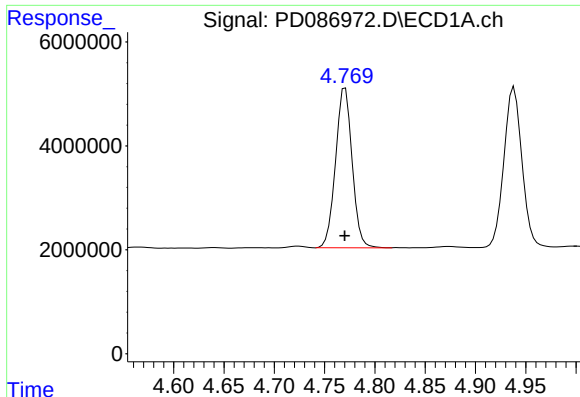
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 16747001  
Conc: 10.62 ng/ml



#6 beta-BHC

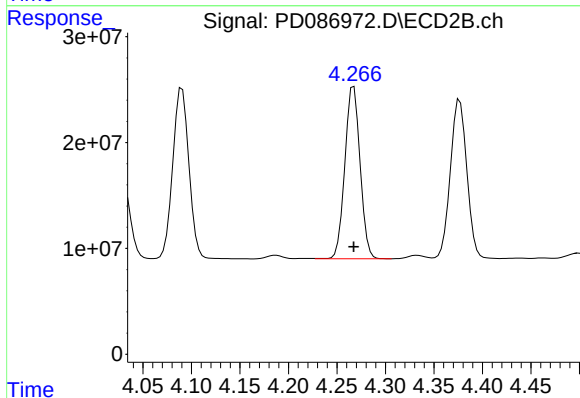
R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 84785767  
Conc: 11.84 ng/ml



#7 delta-BHC

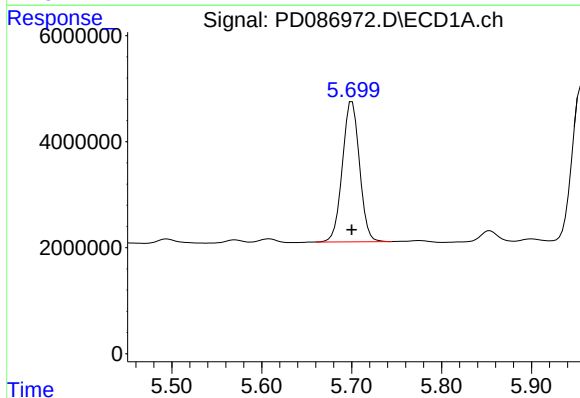
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 35201479  
Conc: 8.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



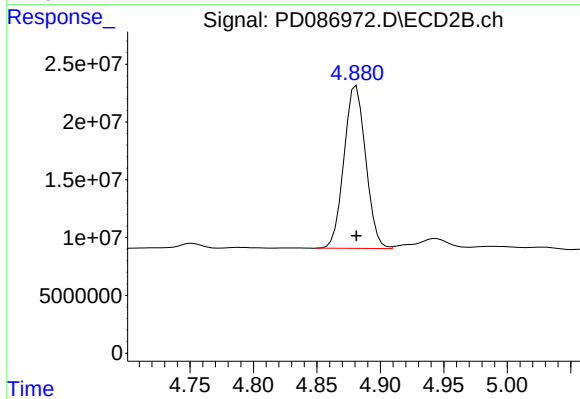
#7 delta-BHC

R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 177739655  
Conc: 10.45 ng/ml



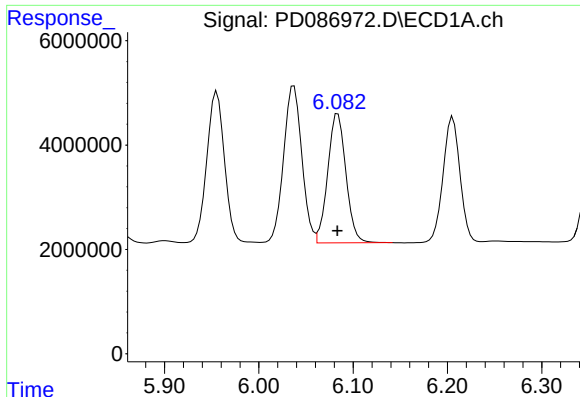
#8 Heptachlor epoxide

R.T.: 5.701 min  
Delta R.T.: 0.000 min  
Response: 35020370  
Conc: 9.69 ng/ml



#8 Heptachlor epoxide

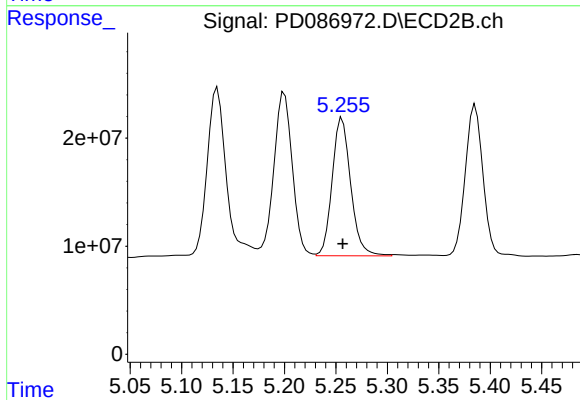
R.T.: 4.881 min  
Delta R.T.: 0.000 min  
Response: 167351257  
Conc: 11.02 ng/ml



#9 Endosulfan I

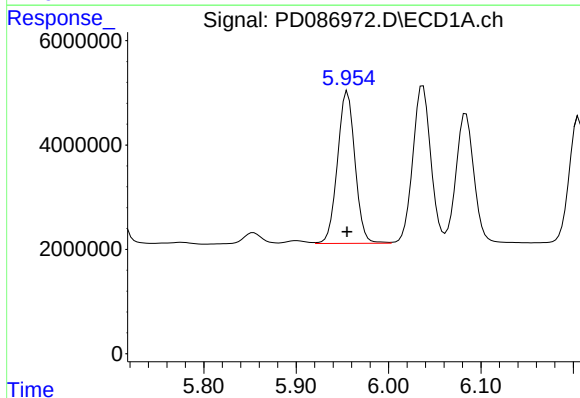
R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 33227724  
Conc: 9.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



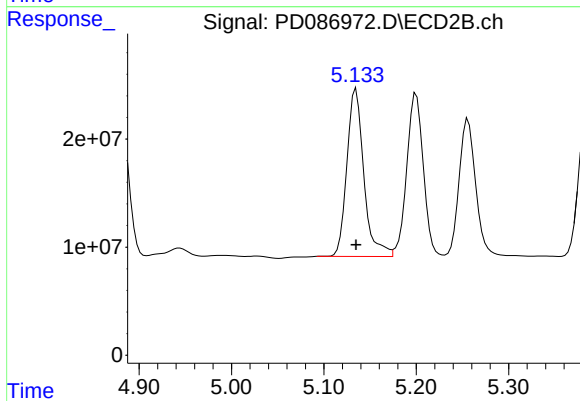
#9 Endosulfan I

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 160203679  
Conc: 11.28 ng/ml



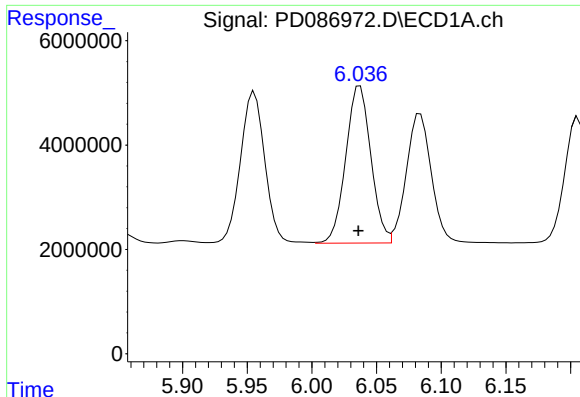
#10 gamma-Chlordane

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 38459166  
Conc: 10.89 ng/ml



#10 gamma-Chlordane

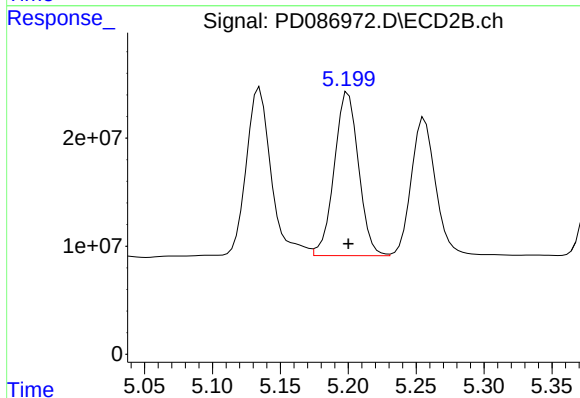
R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 198363065  
Conc: 12.75 ng/ml



#11 alpha-Chlordane

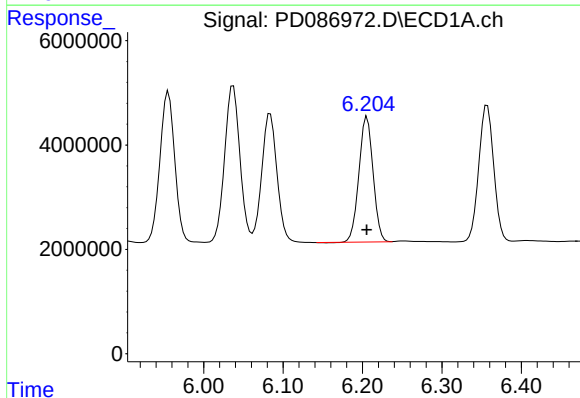
R.T.: 6.037 min  
Delta R.T.: 0.001 min  
Response: 40708373  
Conc: 11.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



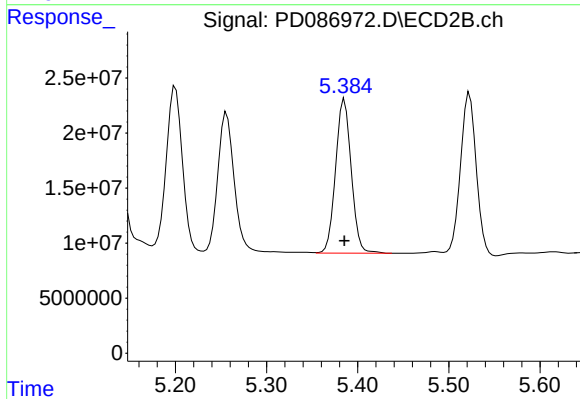
#11 alpha-Chlordane

R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 188626122  
Conc: 12.34 ng/ml



#12 4,4'-DDE

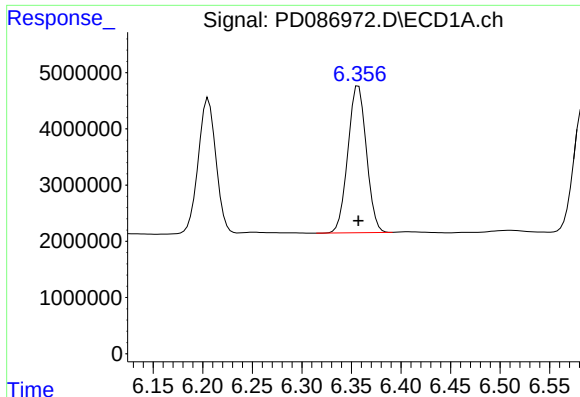
R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 29669021  
Conc: 9.12 ng/ml



#12 4,4'-DDE

R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 167301174  
Conc: 11.10 ng/ml

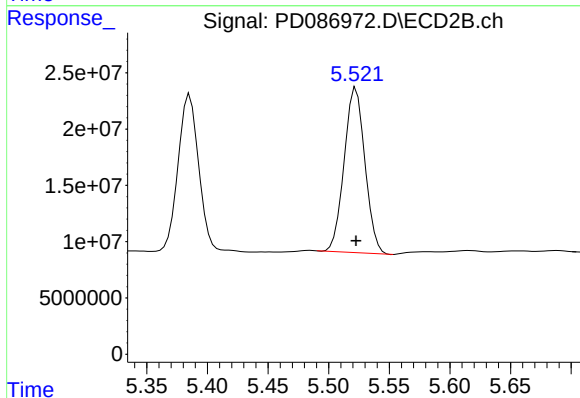




#13 Dieldrin

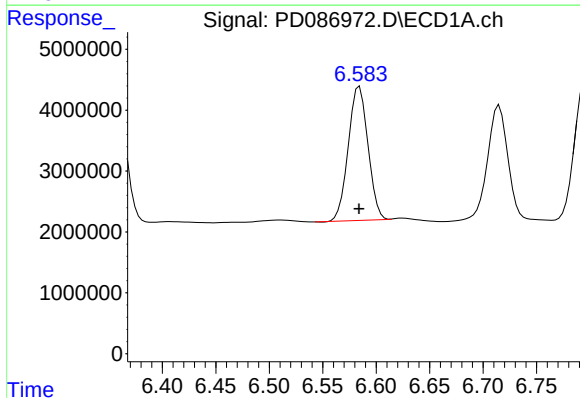
R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 34049010  
Conc: 9.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



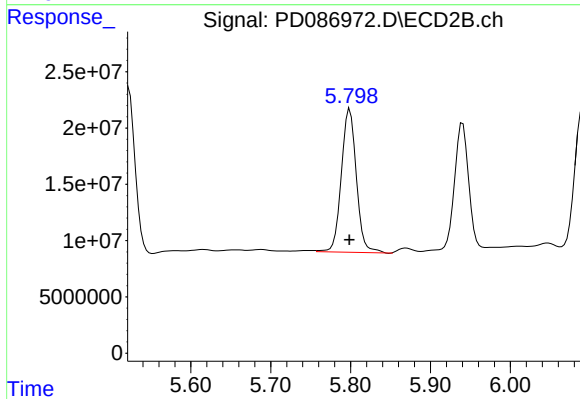
#13 Dieldrin

R.T.: 5.523 min  
Delta R.T.: 0.000 min  
Response: 174479537  
Conc: 11.20 ng/ml



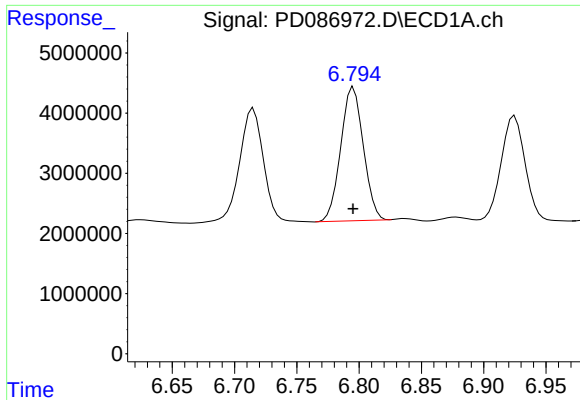
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 28195504  
Conc: 9.32 ng/ml



#14 Endrin

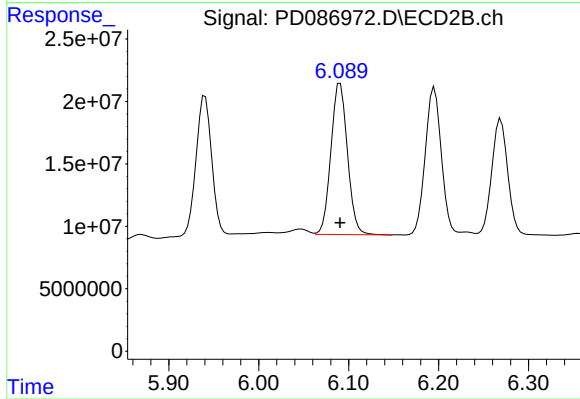
R.T.: 5.799 min  
Delta R.T.: 0.000 min  
Response: 166233875  
Conc: 11.88 ng/ml



#15 Endosulfan II

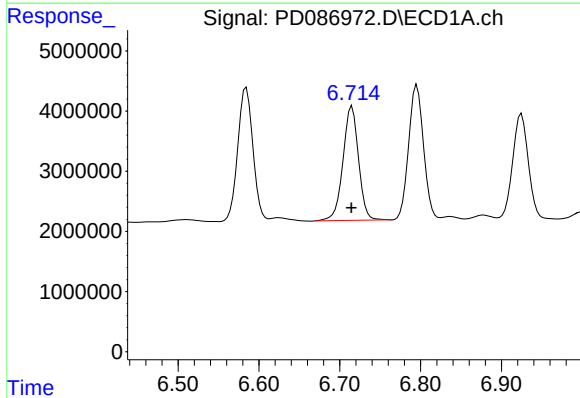
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 28137306  
Conc: 9.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



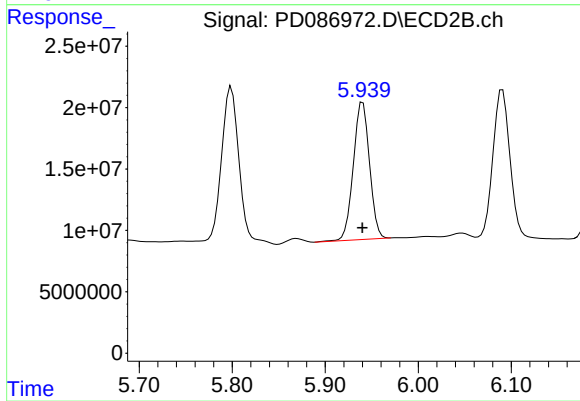
#15 Endosulfan II

R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 154815389  
Conc: 11.25 ng/ml



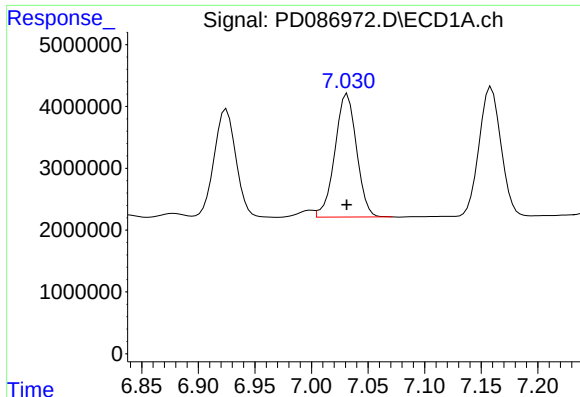
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 25317281  
Conc: 9.74 ng/ml



#16 4,4'-DDD

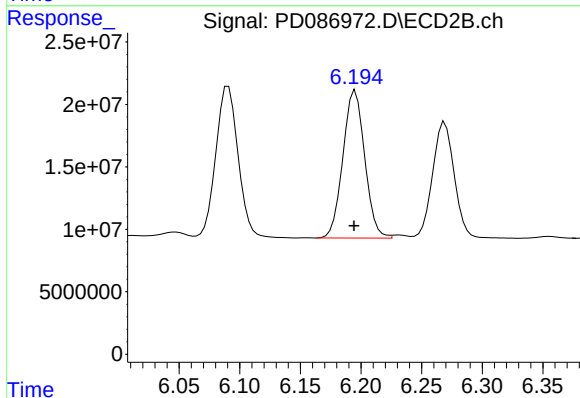
R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 135411067  
Conc: 10.77 ng/ml



#17 4,4'-DDT

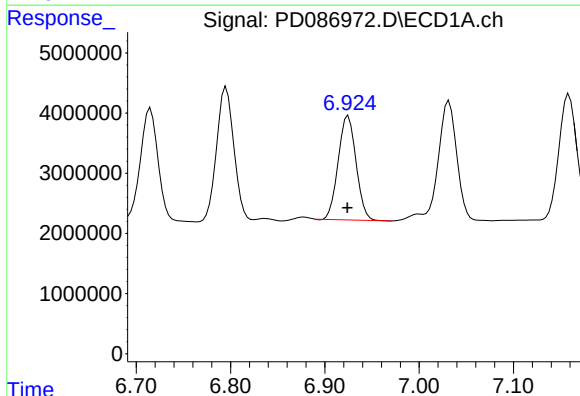
R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 26550504  
Conc: 9.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



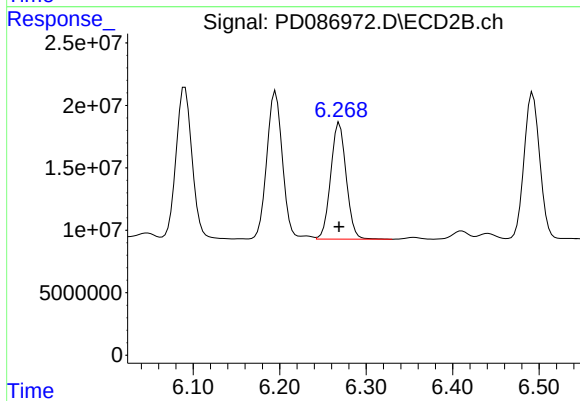
#17 4,4'-DDT

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 147715747  
Conc: 11.08 ng/ml



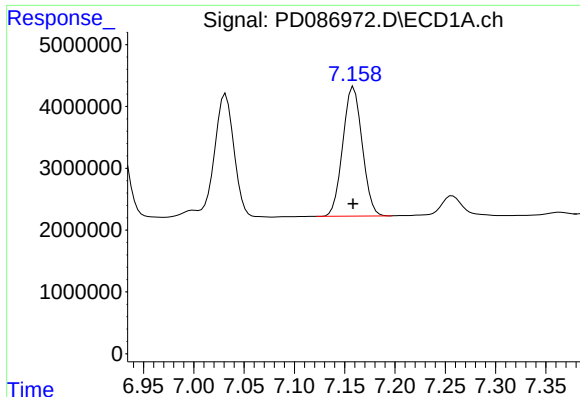
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 22813184  
Conc: 9.33 ng/ml



#18 Endrin aldehyde

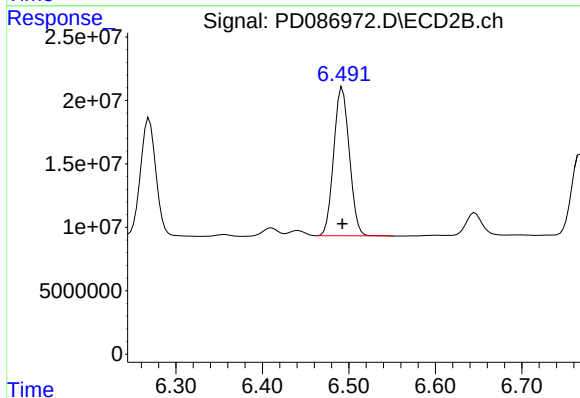
R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 115585929  
Conc: 10.42 ng/ml



#19 Endosulfan Sulfate

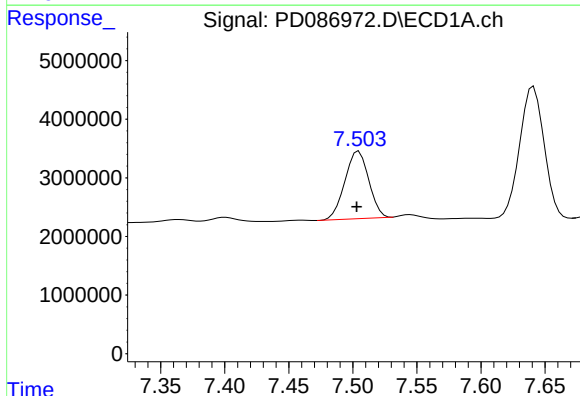
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 28020147  
Conc: 9.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



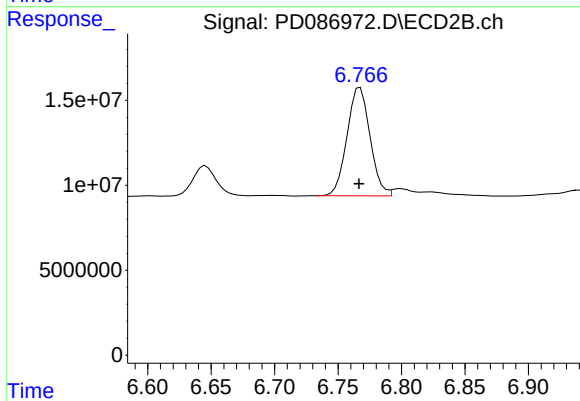
#19 Endosulfan Sulfate

R.T.: 6.493 min  
Delta R.T.: 0.000 min  
Response: 146146557  
Conc: 10.80 ng/ml



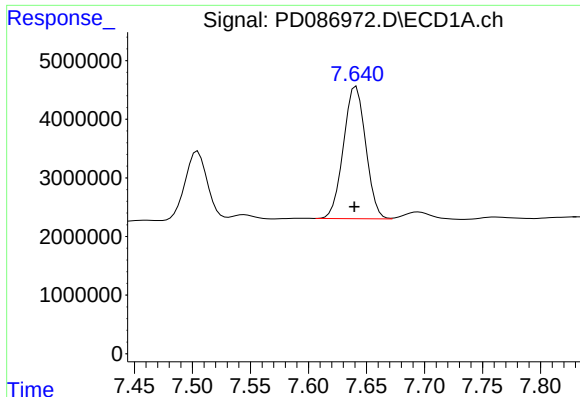
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.002 min  
Response: 14956106  
Conc: 9.35 ng/ml



#20 Methoxychlor

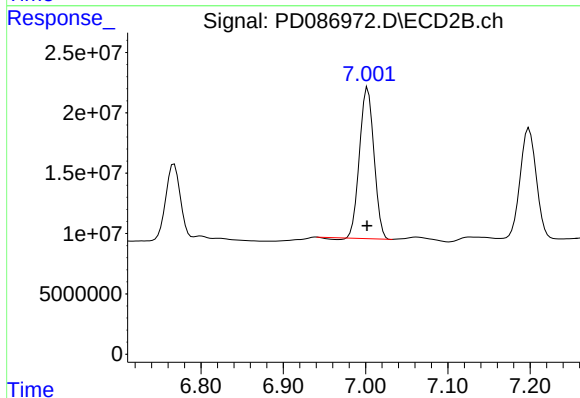
R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 80292252  
Conc: 11.19 ng/ml



#21 Endrin ketone

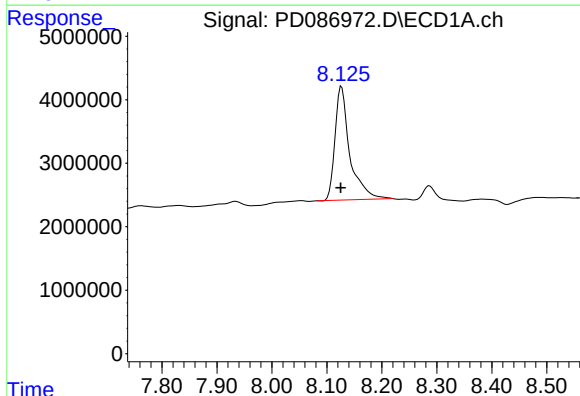
R.T.: 7.641 min  
Delta R.T.: 0.001 min  
Response: 30080248  
Conc: 9.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



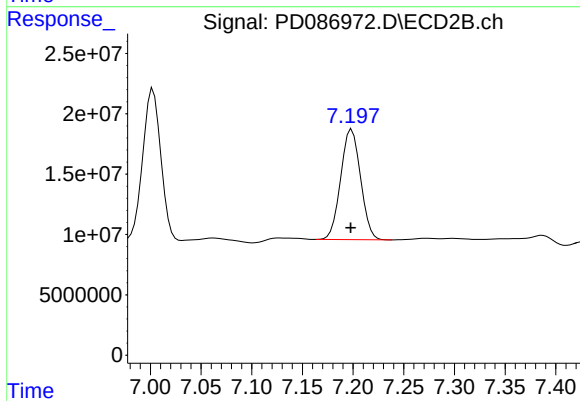
#21 Endrin ketone

R.T.: 7.003 min  
Delta R.T.: 0.000 min  
Response: 152020409  
Conc: 10.09 ng/ml



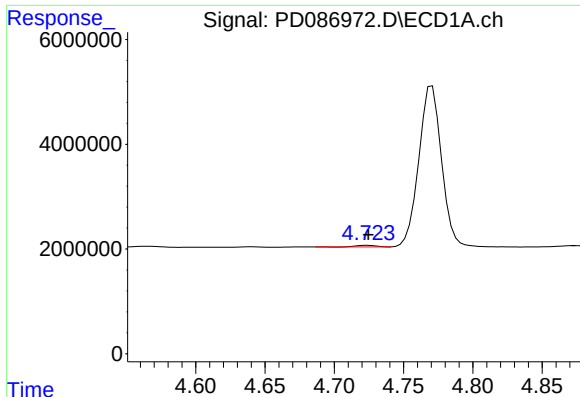
#22 Mirex

R.T.: 8.127 min  
Delta R.T.: 0.001 min  
Response: 33536982  
Conc: 13.44 ng/ml



#22 Mirex

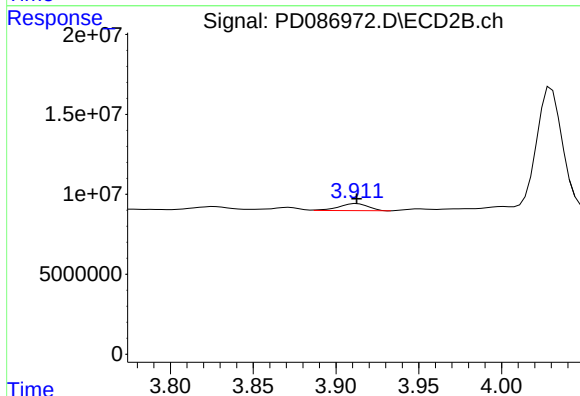
R.T.: 7.199 min  
Delta R.T.: 0.001 min  
Response: 124687949  
Conc: 10.11 ng/ml



#23 Chlordane-1

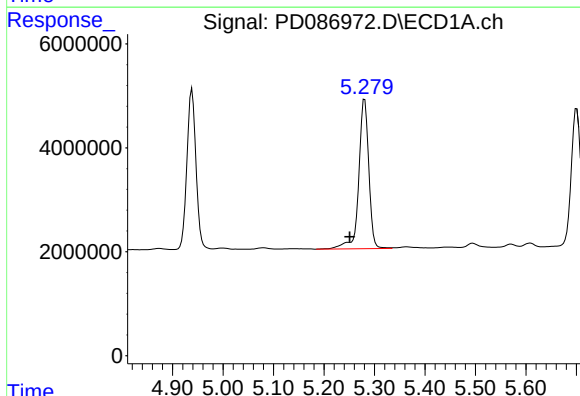
R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 321697  
Conc: 2.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



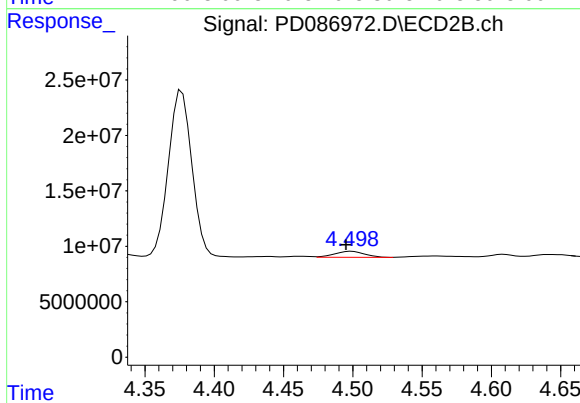
#23 Chlordane-1

R.T.: 3.913 min  
Delta R.T.: 0.000 min  
Response: 5413484  
Conc: 10.40 ng/ml



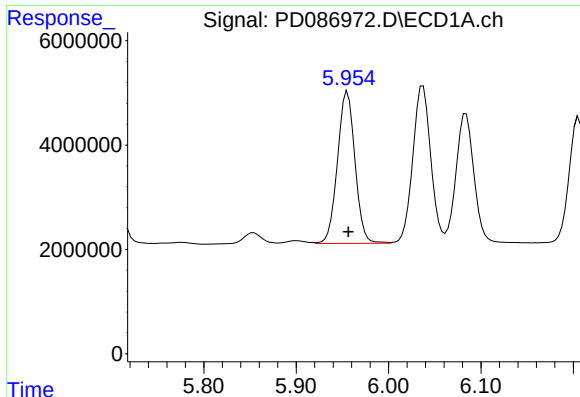
#24 Chlordane-2

R.T.: 5.280 min  
Delta R.T.: 0.030 min  
Response: 39825806  
Conc: 279.90 ng/ml



#24 Chlordane-2

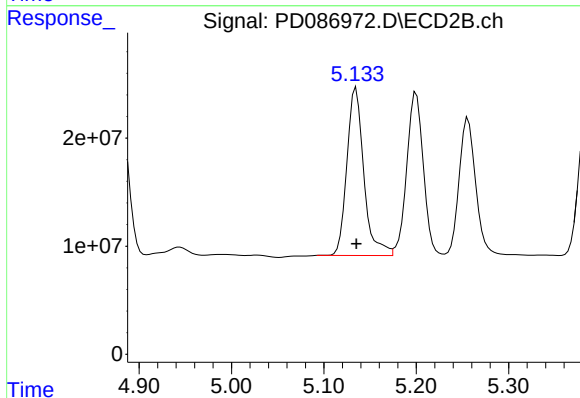
R.T.: 4.499 min  
Delta R.T.: 0.004 min  
Response: 8107678  
Conc: 14.55 ng/ml



#25 Chlordane-3

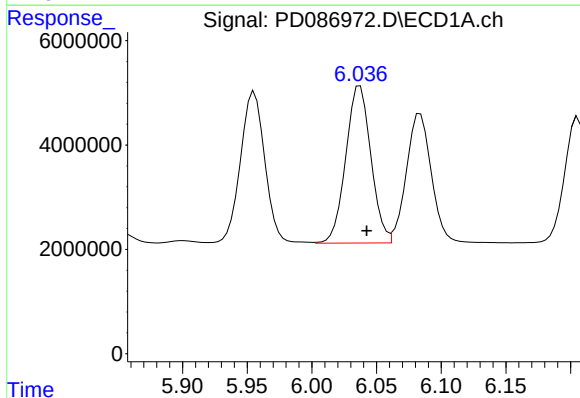
R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 38459166  
Conc: 70.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



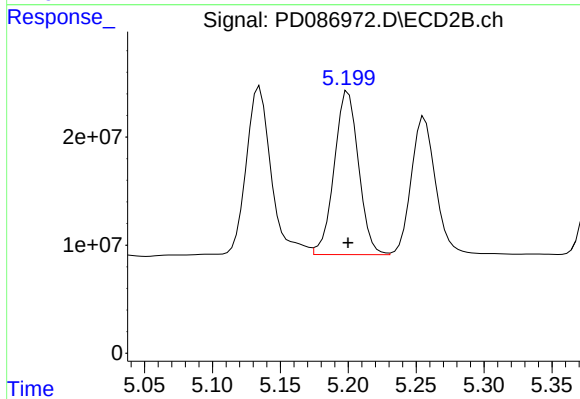
#25 Chlordane-3

R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 198363065  
Conc: 119.93 ng/ml



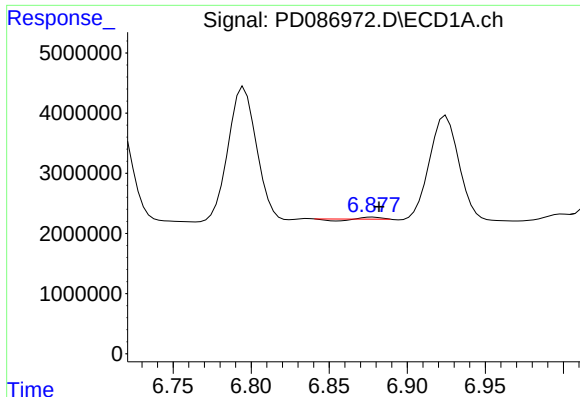
#26 Chlordane-4

R.T.: 6.037 min  
Delta R.T.: -0.005 min  
Response: 40708373  
Conc: 61.70 ng/ml



#26 Chlordane-4

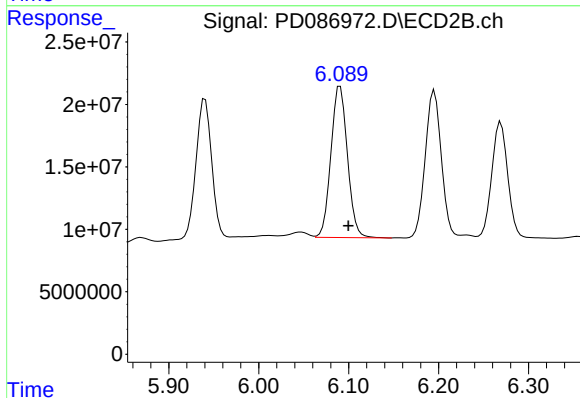
R.T.: 5.200 min  
Delta R.T.: 0.000 min  
Response: 188626122  
Conc: 134.53 ng/ml



#27 Chlordane-5

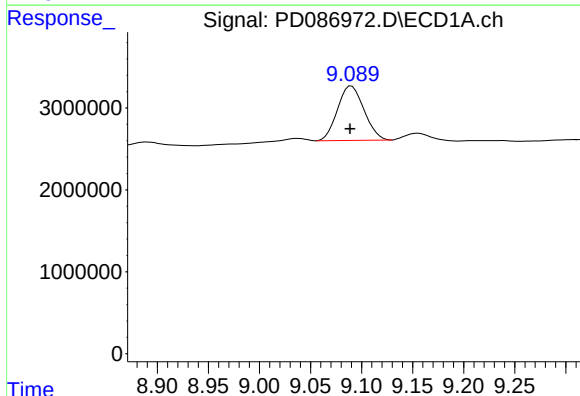
R.T.: 6.878 min  
Delta R.T.: -0.004 min  
Response: 1453  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



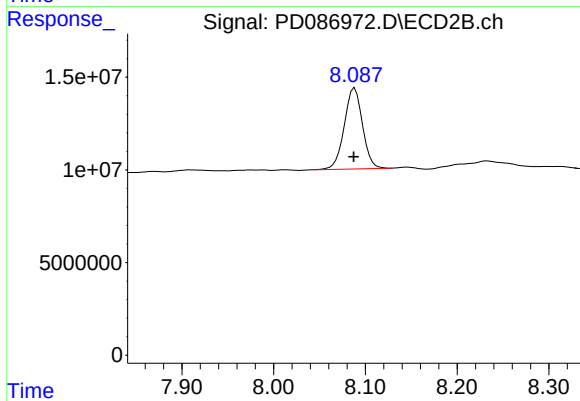
#27 Chlordane-5

R.T.: 6.091 min  
Delta R.T.: -0.009 min  
Response: 154815389  
Conc: 241.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: 0.001 min  
Response: 11987377  
Conc: 3.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.088 min  
Delta R.T.: 0.001 min  
Response: 60219017  
Conc: 4.32 ng/ml