

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072522\  
 Data File : PD071142.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jul 2022 15:27  
 Operator : AR\AJ  
 Sample : PB146386BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 15:54:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071922.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 20 05:30:10 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.481 | 4.126  | 67560805 | 675.9E6  | 23.314   | 23.378     |
| 28)                         | SA Decachlor... | 8.253 | 9.327  | 69912977 | 255.7E6  | 22.883   | 22.420     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.923 | 4.532  | 233.0E6  | 1859.9E6 | 53.117   | 49.069     |
| 3)                          | MA gamma-BHC... | 4.207 | 4.825  | 204.1E6  | 1491.1E6 | 46.999   | 49.925     |
| 4)                          | MA Heptachlor   | 4.508 | 5.342  | 98750576 | 1112.4E6 | 23.718   | 50.360 #   |
| 5)                          | MB Aldrin       | 4.756 | 5.655  | 220.3E6  | 925.4E6  | 52.726   | 49.985     |
| 6)                          | B beta-BHC      | 4.458 | 5.002  | 81300395 | 575.8E6  | 48.642   | 42.929     |
| 7)                          | B delta-BHC     | 4.664 | 5.226  | 204.7E6  | 1176.2E6 | 51.723   | 49.746     |
| 8)                          | B Heptachlo...  | 5.202 | 6.049  | 194.4E6  | 774.3E6  | 51.910   | 51.213     |
| 9)                          | A Endosulfan I  | 5.542 | 6.415  | 184.5E6  | 747.1E6  | 52.852   | 51.466     |
| 10)                         | B gamma-Chl...  | 5.429 | 6.287  | 201.0E6  | 812.4E6  | 51.702   | 51.513     |
| 11)                         | B alpha-Chl...  | 5.488 | 6.359  | 196.5E6  | 789.1E6  | 51.402   | 51.283     |
| 12)                         | B 4,4'-DDE      | 5.654 | 6.515  | 185.7E6  | 775.5E6  | 52.727   | 51.665     |
| 13)                         | MA Dieldrin     | 5.787 | 6.676  | 199.2E6  | 801.1E6  | 53.022   | 52.427     |
| 14)                         | MA Endrin       | 6.045 | 6.900  | 179.4E6  | 597.6E6  | 57.463   | 57.611     |
| 15)                         | B Endosulfa...  | 6.319 | 7.113  | 159.7E6  | 650.5E6  | 53.101   | 51.966     |
| 16)                         | A 4,4'-DDD      | 6.172 | 7.015  | 156.9E6  | 617.7E6  | 53.451   | 49.660     |
| 17)                         | MA 4,4'-DDT     | 6.413 | 7.316  | 166.4E6  | 697.1E6  | 54.363   | 52.048     |
| 18)                         | B Endrin al...  | 6.489 | 7.239  | 121.9E6  | 510.1E6  | 50.805   | 50.583     |
| 19)                         | B Endosulfa...  | 0.000 | 7.464  | 0        | 610.6E6  | N.D.     | 50.537 #   |
| 20)                         | A Methoxychlor  | 6.964 | 7.775  | 58590517 | 339.3E6  | 35.442   | 49.384 #   |
| 21)                         | B Endrin ke...  | 7.196 | 7.945  | 193.3E6  | 687.0E6  | 55.798   | 49.637     |
| 22)                         | Mirex           | 7.382 | 8.399  | 124.6E6  | 438.1E6  | 44.949   | 47.673     |
| 23)                         | Chlordane-1     | 0.000 | 5.172f | 0        | 6858255  | N.D.     | 8.402 #    |
| 24)                         | Chlordane-2     | 4.859 | 5.655f | 502645   | 925.4E6  | 4.078    | 1551.646 # |
| 25)                         | Chlordane-3     | 5.429 | 6.287  | 201.0E6  | 812.4E6  | 564.475  | 411.399 #  |
| 26)                         | Chlordane-4     | 5.488 | 6.359  | 196.5E6  | 789.1E6  | 666.377  | 344.014 #  |
| 27)                         | Chlordane-5     | 6.319 | 7.172  | 159.7E6  | 677693   | 1304.540 | 1.387 #    |
| -----                       |                 |       |        |          |          |          |            |

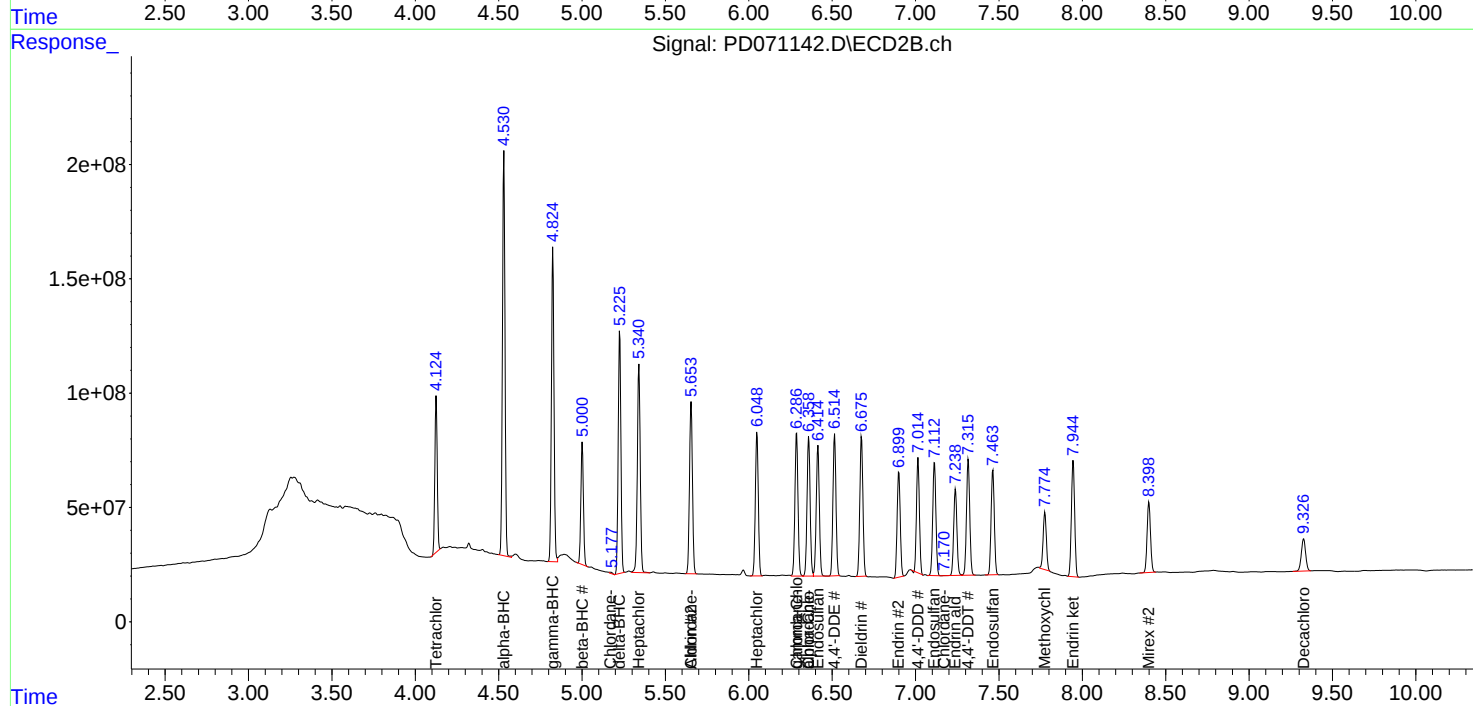
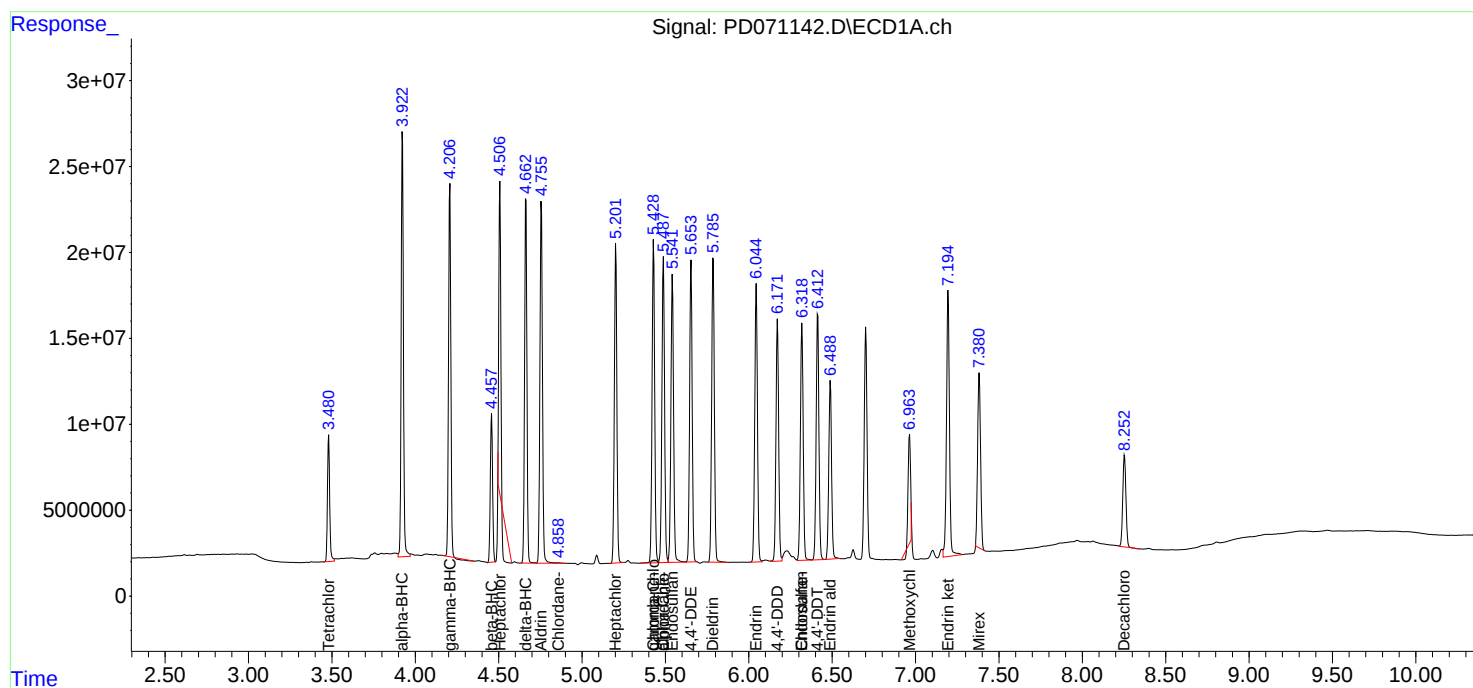
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

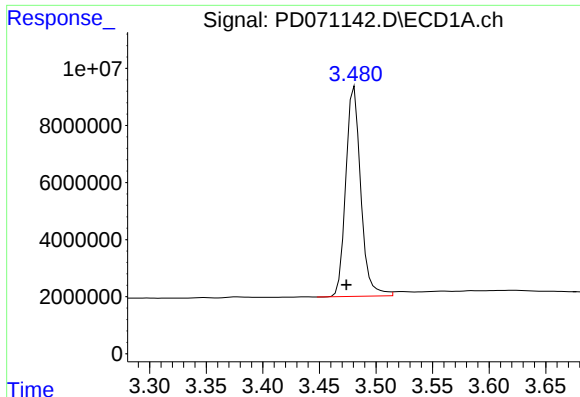
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072522\  
Data File : PD071142.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jul 2022 15:27  
Operator : AR\AJ  
Sample : PB146386BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 15:54:10 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071922.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 20 05:30:10 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

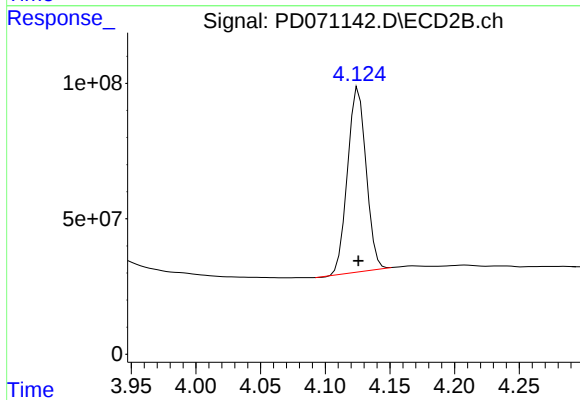




#1 Tetrachloro-m-xylene

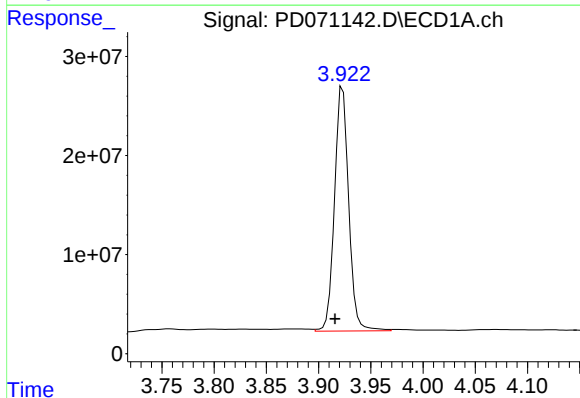
R.T.: 3.481 min  
Delta R.T.: 0.007 min  
Response: 67560805  
Conc: 23.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



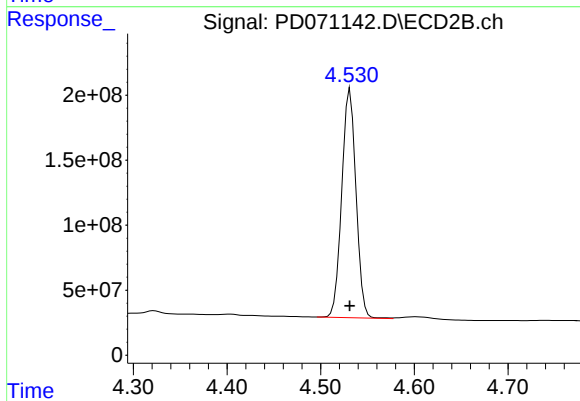
#1 Tetrachloro-m-xylene

R.T.: 4.126 min  
Delta R.T.: 0.000 min  
Response: 675906080  
Conc: 23.38 ng/ml



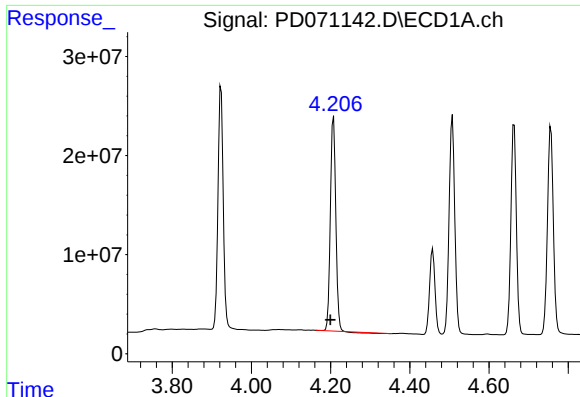
#2 alpha-BHC

R.T.: 3.923 min  
Delta R.T.: 0.008 min  
Response: 233037540  
Conc: 53.12 ng/ml



#2 alpha-BHC

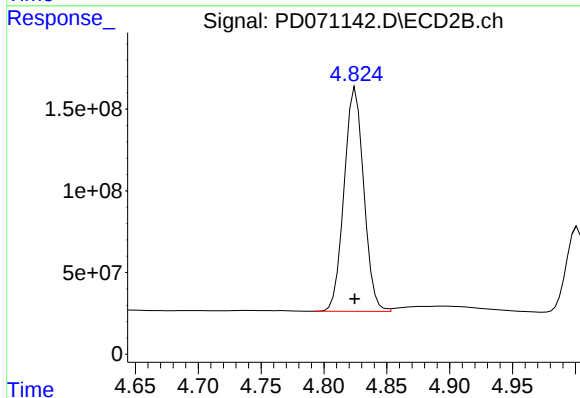
R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 1859857026  
Conc: 49.07 ng/ml



#3 gamma-BHC (Lindane)

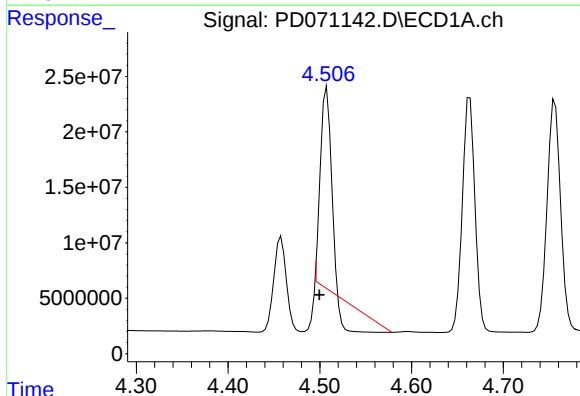
R.T.: 4.207 min  
Delta R.T.: 0.008 min  
Response: 204071942  
Conc: 47.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



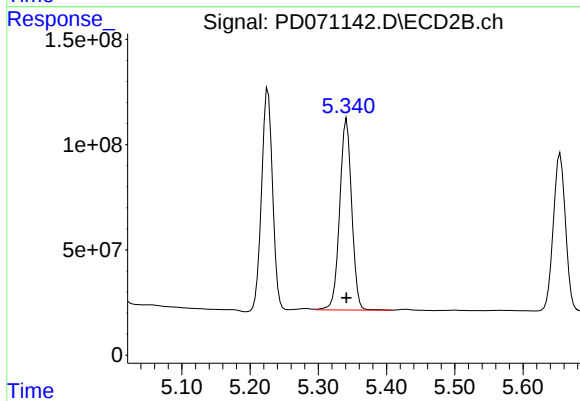
#3 gamma-BHC (Lindane)

R.T.: 4.825 min  
Delta R.T.: 0.000 min  
Response: 1491119391  
Conc: 49.92 ng/ml



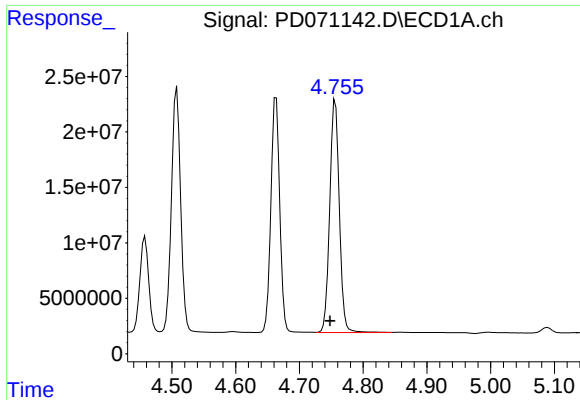
#4 Heptachlor

R.T.: 4.508 min  
Delta R.T.: 0.008 min  
Response: 98750576  
Conc: 23.72 ng/ml



#4 Heptachlor

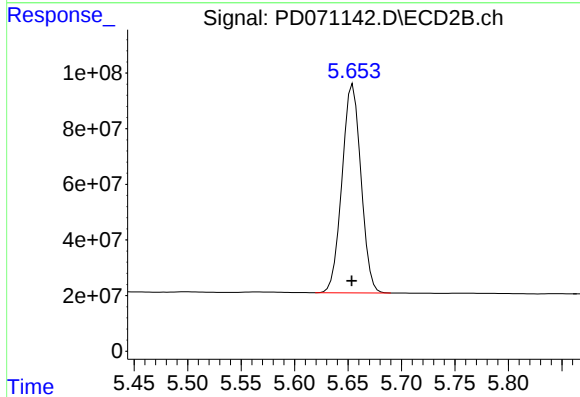
R.T.: 5.342 min  
Delta R.T.: 0.000 min  
Response: 1112431807  
Conc: 50.36 ng/ml



#5 Aldrin

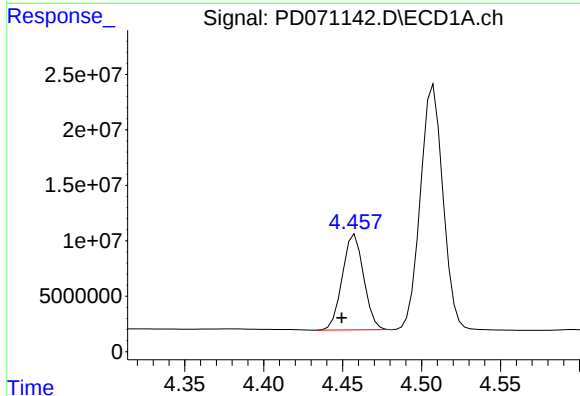
R.T.: 4.756 min  
Delta R.T.: 0.008 min  
Response: 220341856  
Conc: 52.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



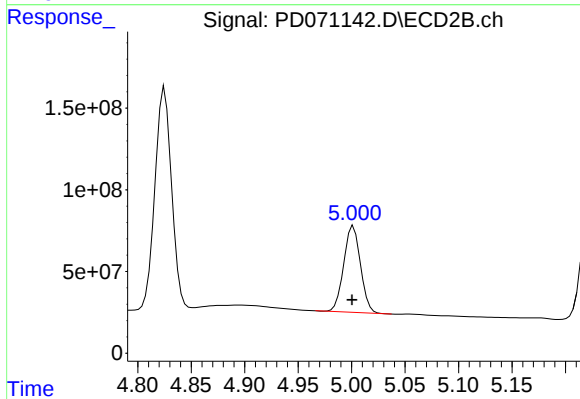
#5 Aldrin

R.T.: 5.655 min  
Delta R.T.: 0.001 min  
Response: 925367211  
Conc: 49.99 ng/ml



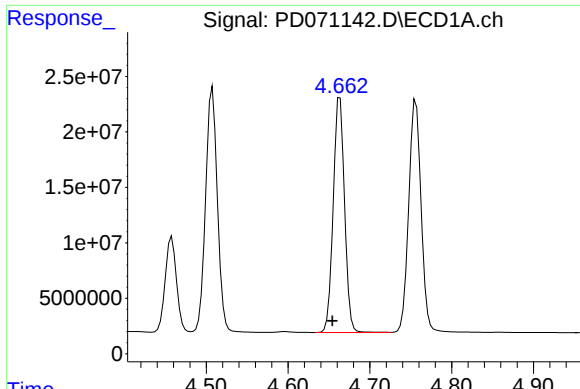
#6 beta-BHC

R.T.: 4.458 min  
Delta R.T.: 0.008 min  
Response: 81300395  
Conc: 48.64 ng/ml



#6 beta-BHC

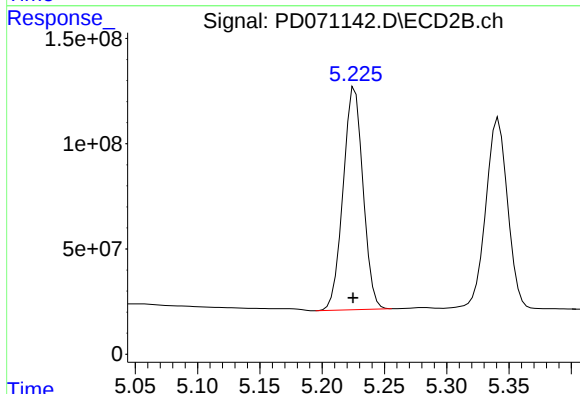
R.T.: 5.002 min  
Delta R.T.: 0.001 min  
Response: 575829524  
Conc: 42.93 ng/ml



#7 delta-BHC

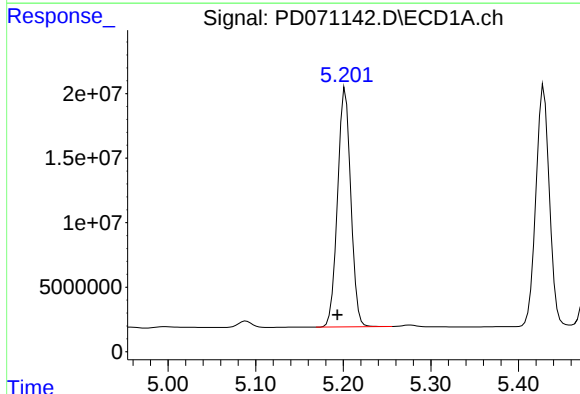
R.T.: 4.664 min  
Delta R.T.: 0.009 min  
Response: 204716543  
Conc: 51.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



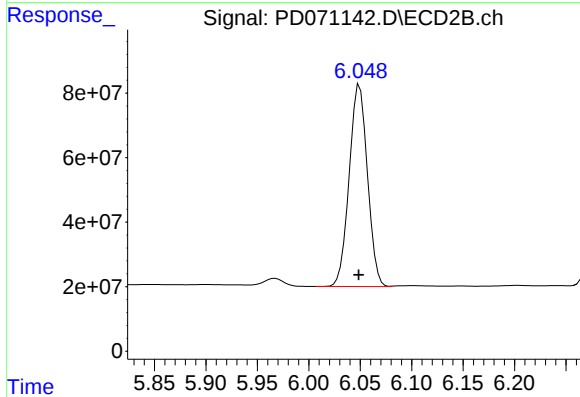
#7 delta-BHC

R.T.: 5.226 min  
Delta R.T.: 0.001 min  
Response: 1176178369  
Conc: 49.75 ng/ml



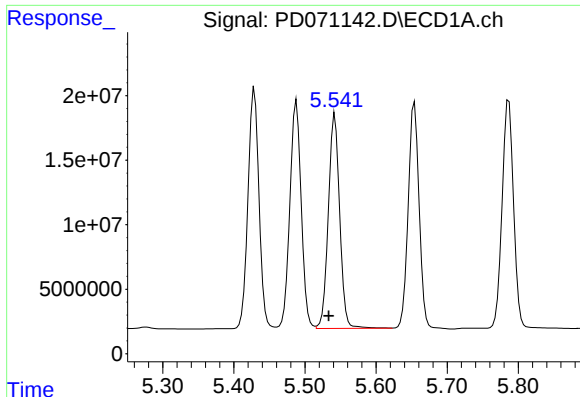
#8 Heptachlor epoxide

R.T.: 5.202 min  
Delta R.T.: 0.009 min  
Response: 194443764  
Conc: 51.91 ng/ml



#8 Heptachlor epoxide

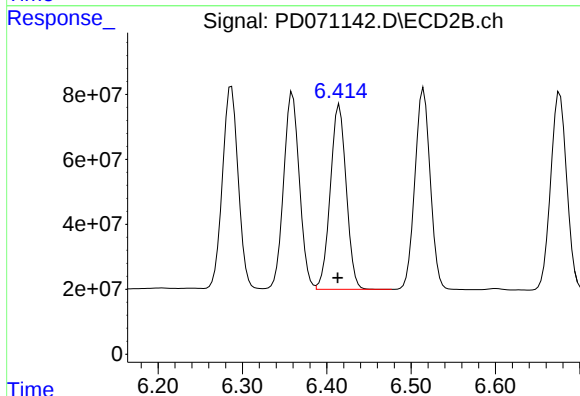
R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 774298603  
Conc: 51.21 ng/ml



#9 Endosulfan I

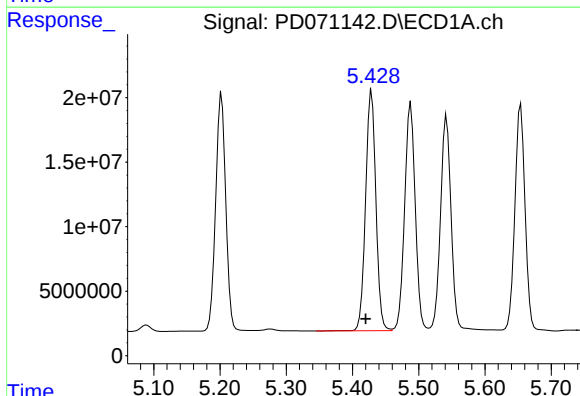
R.T.: 5.542 min  
Delta R.T.: 0.009 min  
Response: 184538999  
Conc: 52.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



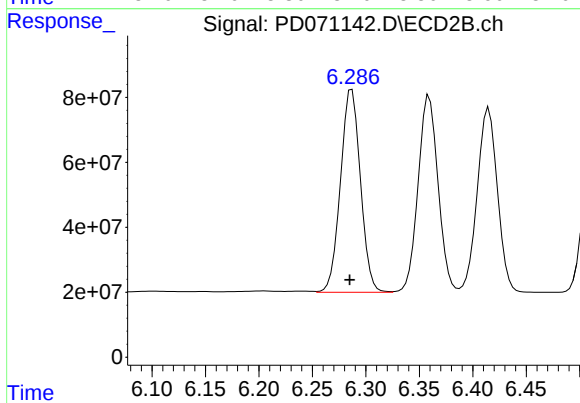
#9 Endosulfan I

R.T.: 6.415 min  
Delta R.T.: 0.002 min  
Response: 747107651  
Conc: 51.47 ng/ml



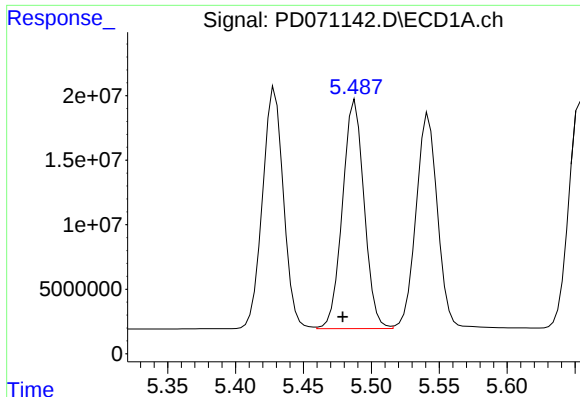
#10 gamma-Chlordane

R.T.: 5.429 min  
Delta R.T.: 0.009 min  
Response: 201037952  
Conc: 51.70 ng/ml



#10 gamma-Chlordane

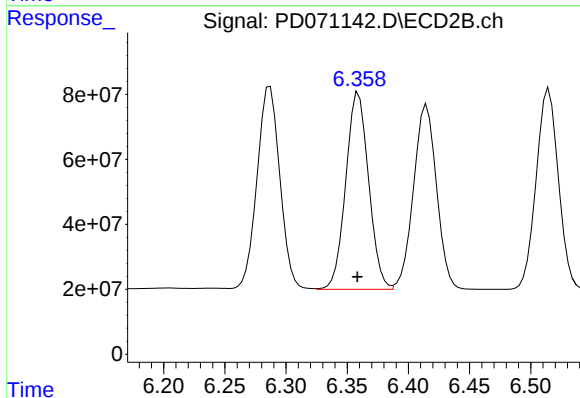
R.T.: 6.287 min  
Delta R.T.: 0.002 min  
Response: 812439501  
Conc: 51.51 ng/ml



#11 alpha-Chlordane

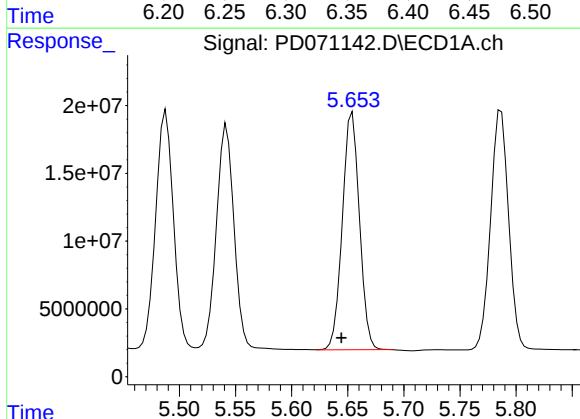
R.T.: 5.488 min  
Delta R.T.: 0.009 min  
Response: 196528753  
Conc: 51.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



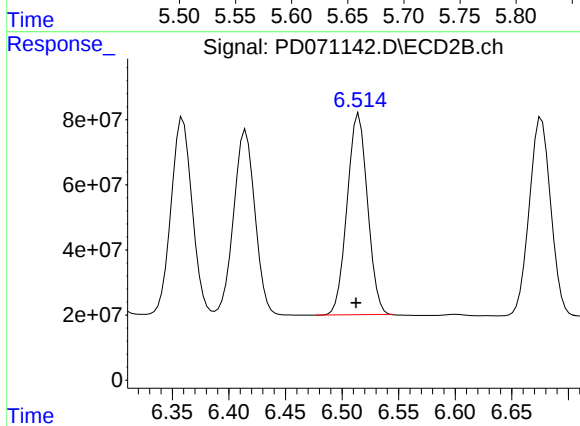
#11 alpha-Chlordane

R.T.: 6.359 min  
Delta R.T.: 0.001 min  
Response: 789079751  
Conc: 51.28 ng/ml



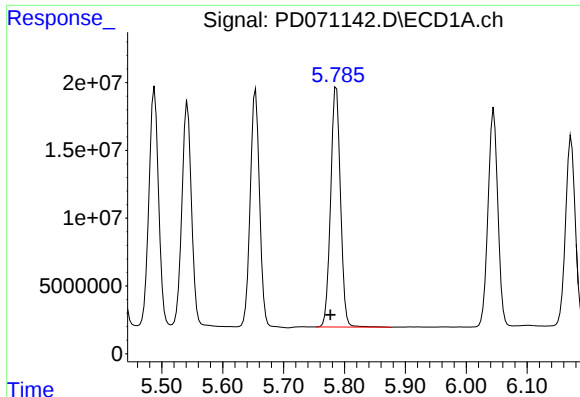
#12 4,4'-DDE

R.T.: 5.654 min  
Delta R.T.: 0.010 min  
Response: 185686941  
Conc: 52.73 ng/ml



#12 4,4'-DDE

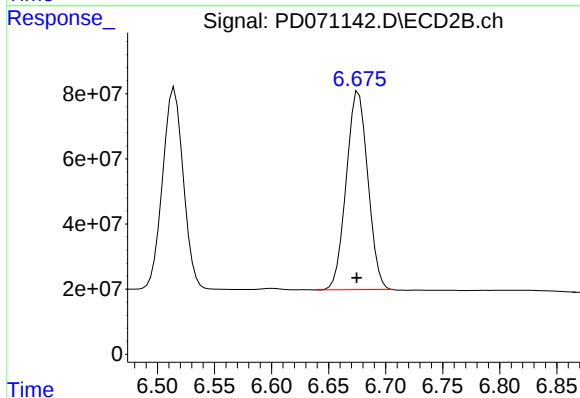
R.T.: 6.515 min  
Delta R.T.: 0.002 min  
Response: 775498966  
Conc: 51.66 ng/ml



#13 Dieldrin

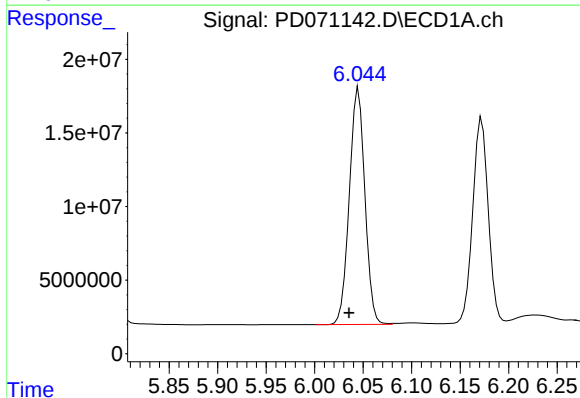
R.T.: 5.787 min  
Delta R.T.: 0.009 min  
Response: 199178206  
Conc: 53.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



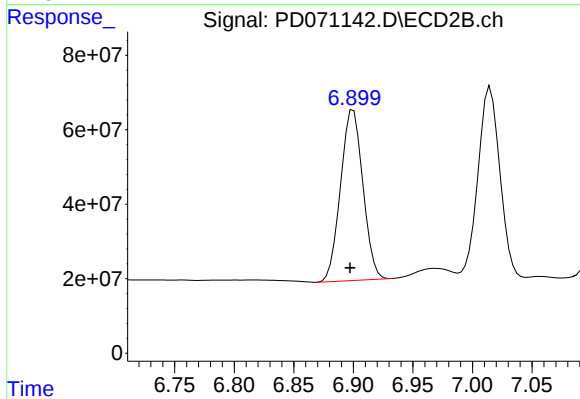
#13 Dieldrin

R.T.: 6.676 min  
Delta R.T.: 0.002 min  
Response: 801086637  
Conc: 52.43 ng/ml



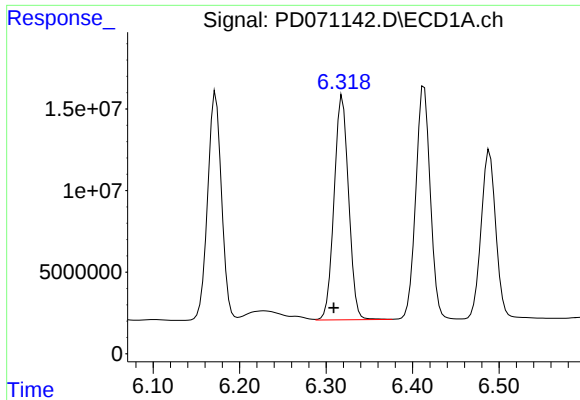
#14 Endrin

R.T.: 6.045 min  
Delta R.T.: 0.010 min  
Response: 179443017  
Conc: 57.46 ng/ml



#14 Endrin

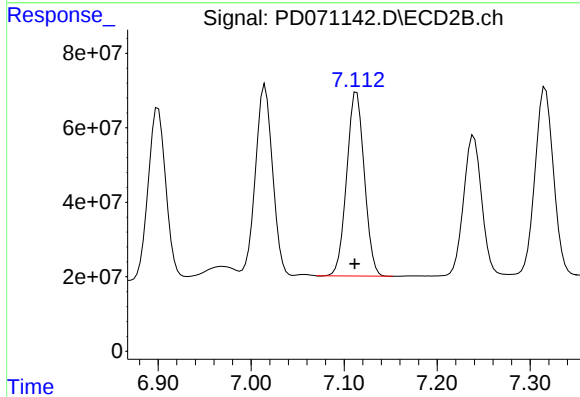
R.T.: 6.900 min  
Delta R.T.: 0.003 min  
Response: 597553694  
Conc: 57.61 ng/ml



#15 Endosulfan II

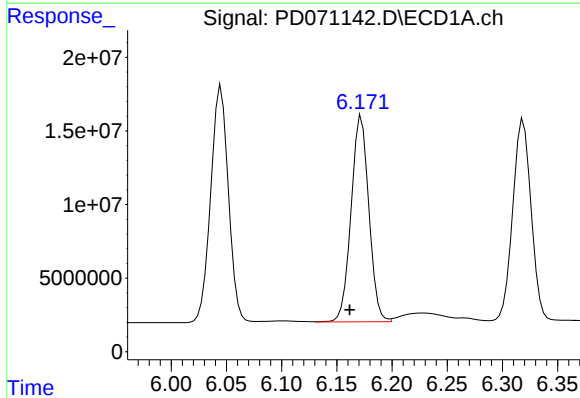
R.T.: 6.319 min  
Delta R.T.: 0.010 min  
Response: 159734222  
Conc: 53.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



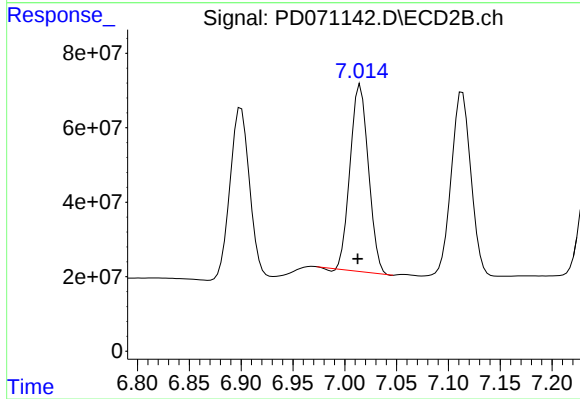
#15 Endosulfan II

R.T.: 7.113 min  
Delta R.T.: 0.002 min  
Response: 650518309  
Conc: 51.97 ng/ml



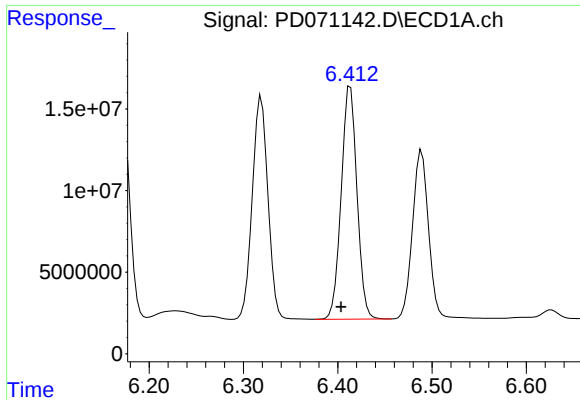
#16 4,4'-DDD

R.T.: 6.172 min  
Delta R.T.: 0.011 min  
Response: 156875138  
Conc: 53.45 ng/ml



#16 4,4'-DDD

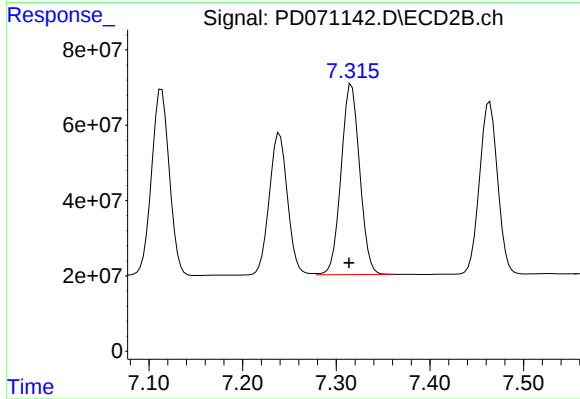
R.T.: 7.015 min  
Delta R.T.: 0.002 min  
Response: 617678416  
Conc: 49.66 ng/ml



#17 4,4'-DDT

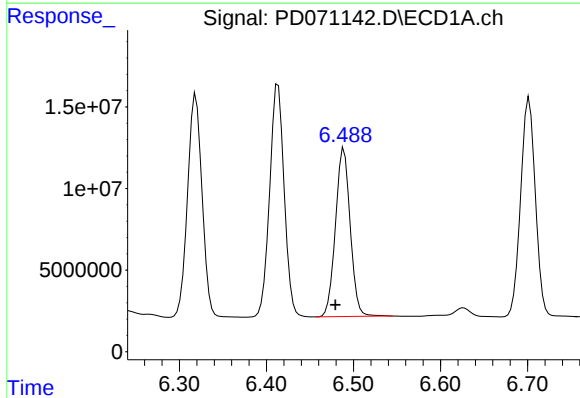
R.T.: 6.413 min  
Delta R.T.: 0.010 min  
Response: 166411437  
Conc: 54.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



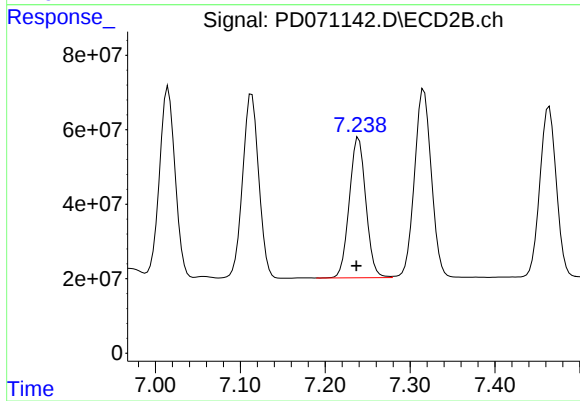
#17 4,4'-DDT

R.T.: 7.316 min  
Delta R.T.: 0.002 min  
Response: 697103877  
Conc: 52.05 ng/ml



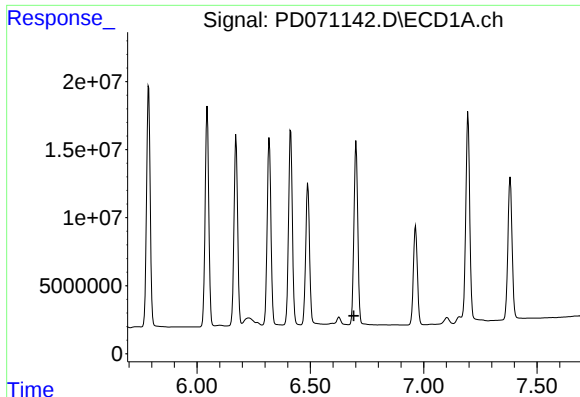
#18 Endrin aldehyde

R.T.: 6.489 min  
Delta R.T.: 0.010 min  
Response: 121857459  
Conc: 50.81 ng/ml



#18 Endrin aldehyde

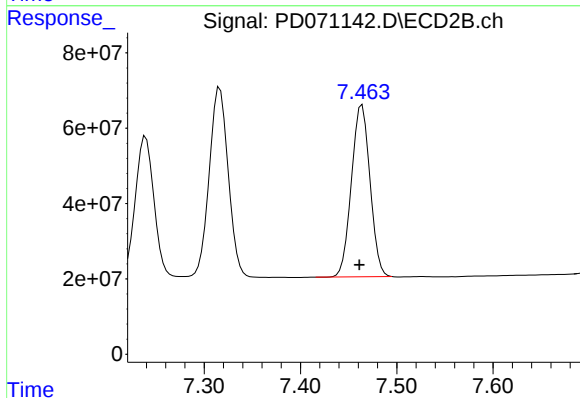
R.T.: 7.239 min  
Delta R.T.: 0.003 min  
Response: 510091388  
Conc: 50.58 ng/ml



#19 Endosulfan Sulfate

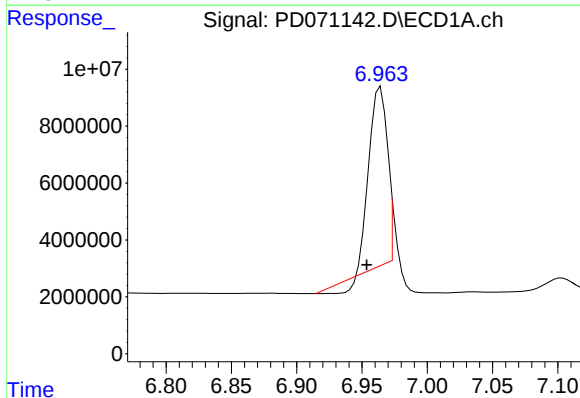
R.T.: 0.000 min  
Exp R.T.: 6.692 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



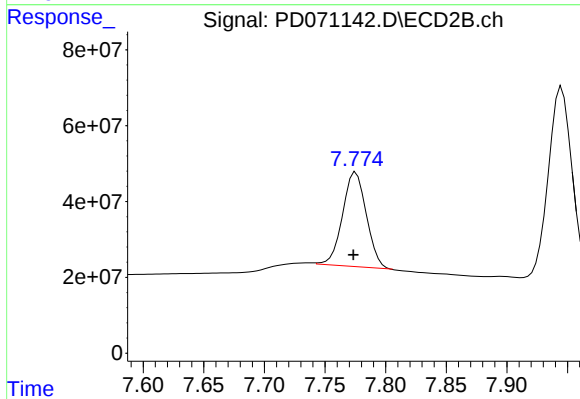
#19 Endosulfan Sulfate

R.T.: 7.464 min  
Delta R.T.: 0.003 min  
Response: 610641246  
Conc: 50.54 ng/ml



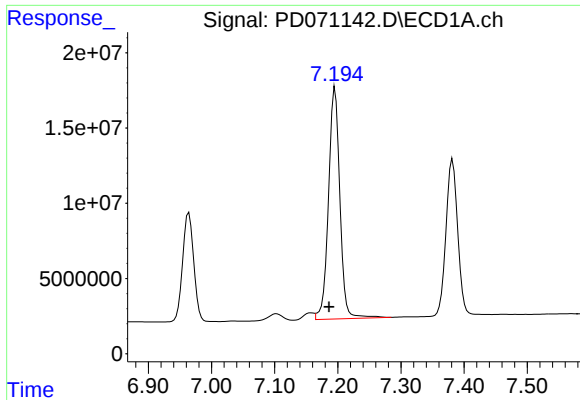
#20 Methoxychlor

R.T.: 6.964 min  
Delta R.T.: 0.010 min  
Response: 58590517  
Conc: 35.44 ng/ml



#20 Methoxychlor

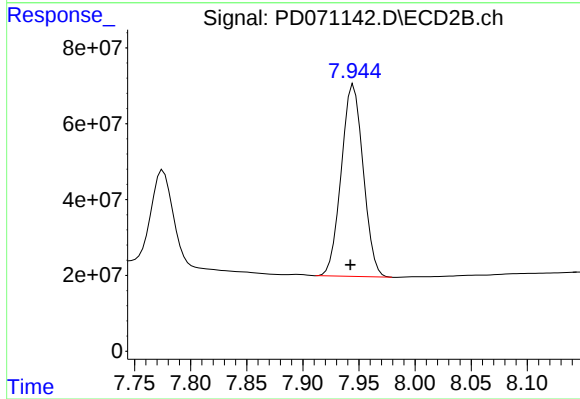
R.T.: 7.775 min  
Delta R.T.: 0.002 min  
Response: 339340455  
Conc: 49.38 ng/ml



#21 Endrin ketone

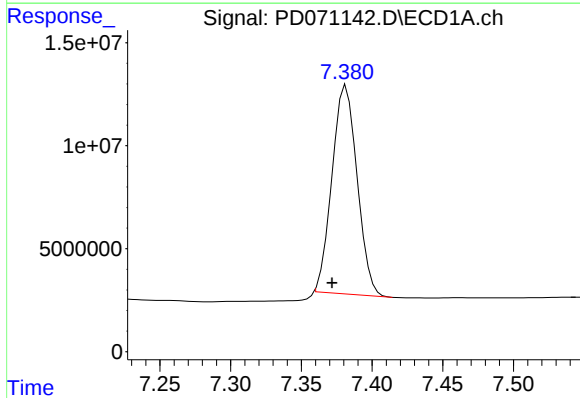
R.T.: 7.196 min  
Delta R.T.: 0.010 min  
Response: 193274625  
Conc: 55.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



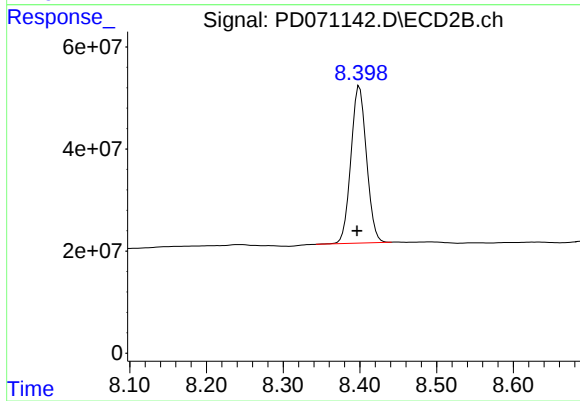
#21 Endrin ketone

R.T.: 7.945 min  
Delta R.T.: 0.003 min  
Response: 686973136  
Conc: 49.64 ng/ml



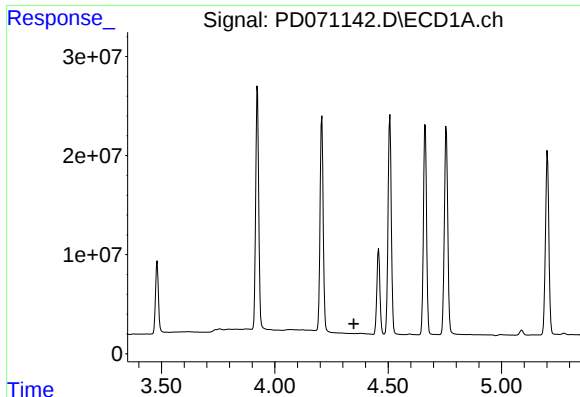
#22 Mirex

R.T.: 7.382 min  
Delta R.T.: 0.010 min  
Response: 124620262  
Conc: 44.95 ng/ml



#22 Mirex

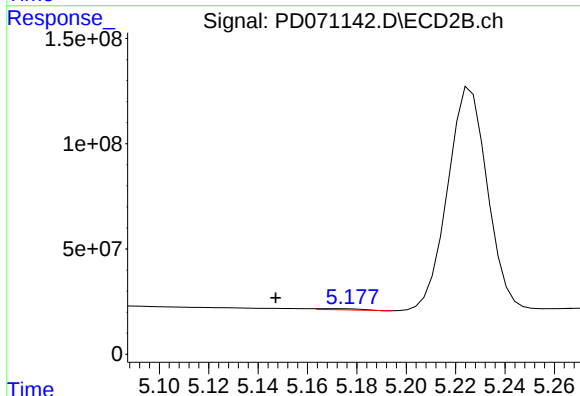
R.T.: 8.399 min  
Delta R.T.: 0.003 min  
Response: 438088694  
Conc: 47.67 ng/ml



#23 Chlordane-1

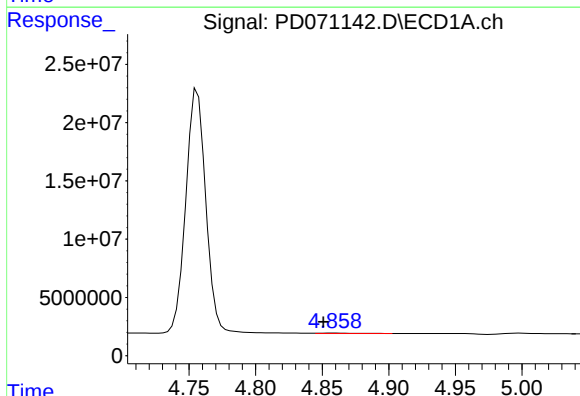
R.T.: 0.000 min  
Exp R.T.: 4.348 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



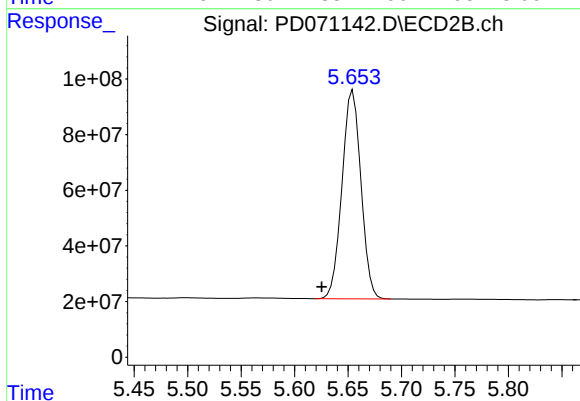
#23 Chlordane-1

R.T.: 5.172 min  
Delta R.T.: 0.025 min  
Response: 6858255  
Conc: 8.40 ng/ml



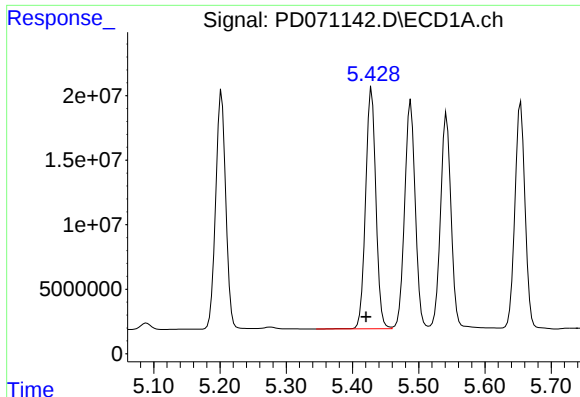
#24 Chlordane-2

R.T.: 4.859 min  
Delta R.T.: 0.008 min  
Response: 502645  
Conc: 4.08 ng/ml



#24 Chlordane-2

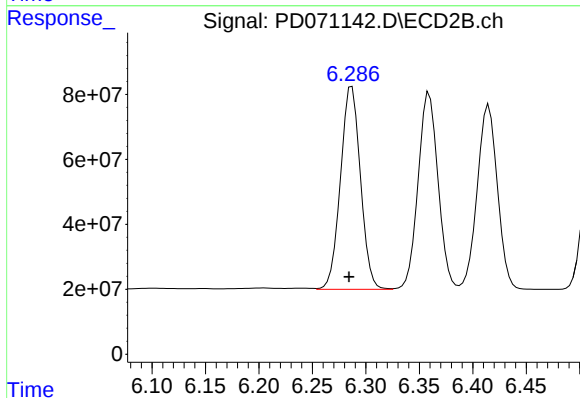
R.T.: 5.655 min  
Delta R.T.: 0.029 min  
Response: 925367211  
Conc: 1551.65 ng/ml



#25 Chlordane-3

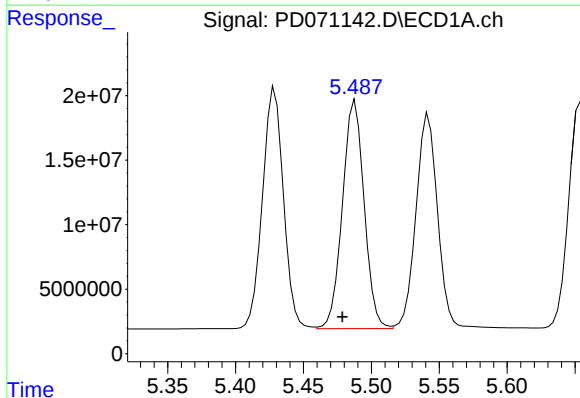
R.T.: 5.429 min  
Delta R.T.: 0.008 min  
Response: 201037952  
Conc: 564.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



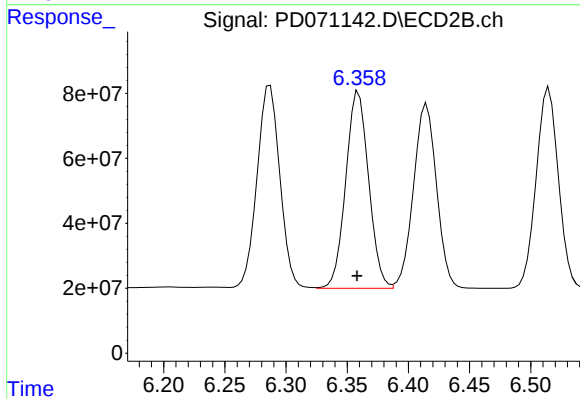
#25 Chlordane-3

R.T.: 6.287 min  
Delta R.T.: 0.003 min  
Response: 812439501  
Conc: 411.40 ng/ml



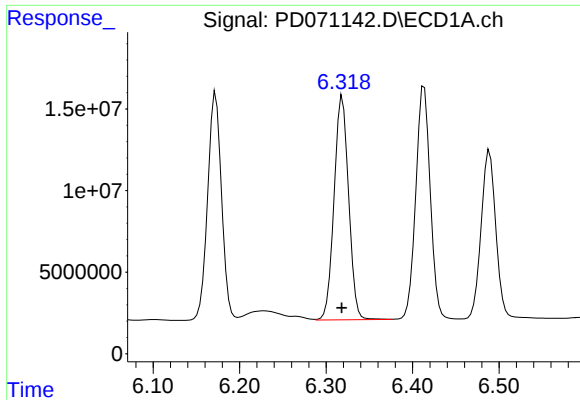
#26 Chlordane-4

R.T.: 5.488 min  
Delta R.T.: 0.009 min  
Response: 196528753  
Conc: 666.38 ng/ml



#26 Chlordane-4

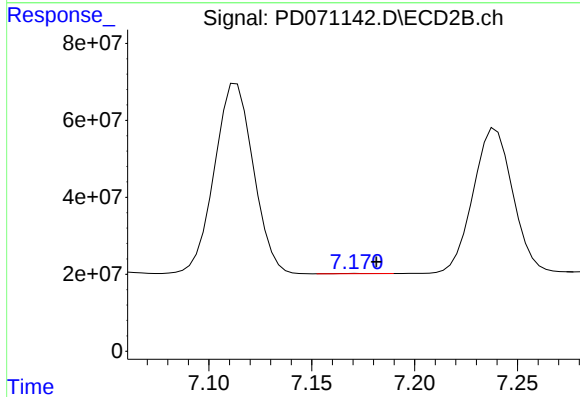
R.T.: 6.359 min  
Delta R.T.: 0.001 min  
Response: 789079751  
Conc: 344.01 ng/ml



#27 Chlordane-5

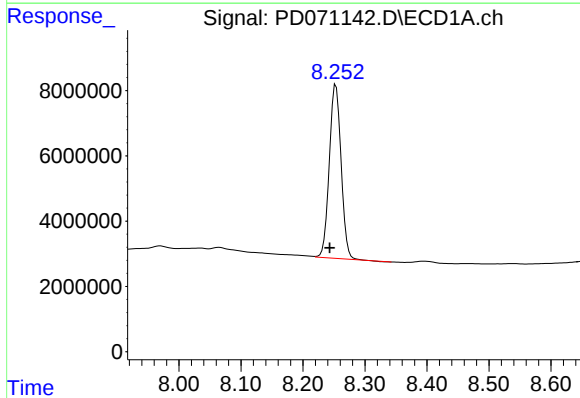
R.T.: 6.319 min  
Delta R.T.: 0.000 min  
Response: 159734222  
Conc: 1304.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



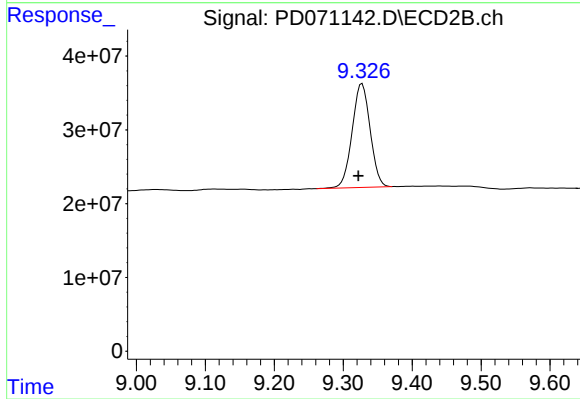
#27 Chlordane-5

R.T.: 7.172 min  
Delta R.T.: -0.010 min  
Response: 677693  
Conc: 1.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.253 min  
Delta R.T.: 0.010 min  
Response: 69912977  
Conc: 22.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.327 min  
Delta R.T.: 0.005 min  
Response: 255693462  
Conc: 22.42 ng/ml