

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091922\  
 Data File : PD071942.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2022 19:44  
 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: Sep 17 01:09:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 10 22:11:50 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... | 2.803 | 3.563  | 122.2E6  | 1468.2E6 | 49.966  | 51.163     |
| 28)                         | SA Decachlor... | 7.992 | 9.086  | 108.1E6  | 452.7E6  | 42.922  | 48.695     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.312 | 4.029  | 195.1E6  | 2037.7E6 | 50.616  | 50.778     |
| 3)                          | MA gamma-BHC... | 3.645 | 4.364  | 177.8E6  | 1666.7E6 | 50.637  | 50.764     |
| 4)                          | MA Heptachlor   | 3.991 | 4.941  | 176.1E6  | 1199.2E6 | 47.089  | 49.633     |
| 5)                          | MB Aldrin       | 4.275 | 5.284  | 177.6E6  | 1015.9E6 | 48.509  | 50.112     |
| 6)                          | B beta-BHC      | 3.944 | 4.571  | 73177946 | 660.1E6  | 48.299  | 49.946     |
| 7)                          | B delta-BHC     | 4.177 | 4.818  | 175.2E6  | 1255.0E6 | 49.711  | 53.692     |
| 8)                          | B Heptachlo...  | 4.781 | 5.715  | 156.1E6  | 813.4E6  | 47.746  | 52.753     |
| 9)                          | A Endosulfan I  | 5.155 | 6.103  | 144.4E6  | 744.7E6  | 45.422  | 50.518     |
| 10)                         | B gamma-Chl...  | 5.034 | 5.969  | 159.4E6  | 813.1E6  | 47.284  | 50.606     |
| 11)                         | B alpha-Chl...  | 5.099 | 6.047  | 156.1E6  | 785.9E6  | 47.023  | 50.370     |
| 12)                         | B 4,4'-DDE      | 5.289 | 6.220  | 146.0E6  | 751.7E6  | 47.728  | 51.028     |
| 13)                         | MA Dieldrin     | 5.422 | 6.379  | 154.1E6  | 774.6E6  | 46.068  | 51.108     |
| 14)                         | MA Endrin       | 5.699 | 6.612  | 136.6E6  | 644.1E6  | 46.101  | 50.999     |
| 15)                         | B Endosulfa...  | 5.994 | 6.838  | 121.6E6  | 607.7E6  | 44.145  | 49.075     |
| 16)                         | A 4,4'-DDD      | 5.847 | 6.744  | 122.2E6  | 616.9E6  | 48.178  | 51.905     |
| 17)                         | MA 4,4'-DDT     | 6.101 | 7.056  | 121.4E6  | 614.1E6  | 46.116  | 49.712     |
| 18)                         | B Endrin al...  | 6.175 | 6.969  | 95126182 | 477.7E6  | 43.014  | 49.476     |
| 19)                         | B Endosulfa...  | 6.398 | 7.202  | 120.7E6  | 575.3E6  | 45.017  | 51.581     |
| 20)                         | A Methoxychlor  | 6.680 | 7.532  | 65708566 | 307.2E6  | 43.883  | 50.538     |
| 21)                         | B Endrin ke...  | 6.908 | 7.693  | 139.2E6  | 628.6E6  | 46.408  | 50.539     |
| 22)                         | Mirex           | 7.094 | 8.155  | 103.7E6  | 418.4E6  | 44.018  | 48.310     |
| 24)                         | Chlordane-2     | 4.403 | 5.284f | 512960   | 1015.9E6 | 4.204   | 1469.389 # |
| 25)                         | Chlordane-3     | 5.034 | 5.969  | 159.4E6  | 813.1E6  | 468.773 | 370.136    |
| 26)                         | Chlordane-4     | 5.099 | 6.047  | 156.1E6  | 785.9E6  | 496.688 | 305.833 #  |
| 27)                         | Chlordane-5     | 5.994 | 0.000  | 121.6E6  | 0        | 974.657 | N.D. #     |
| -----                       |                 |       |        |          |          |         |            |

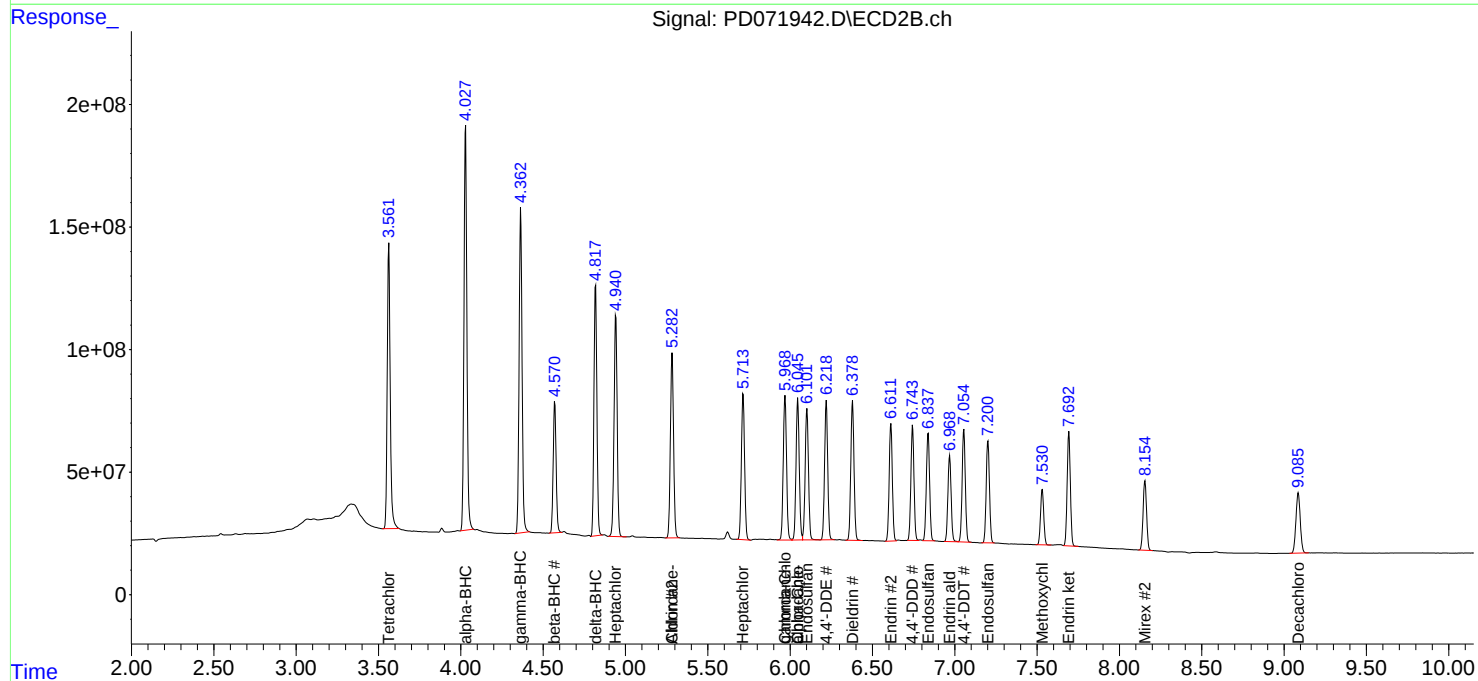
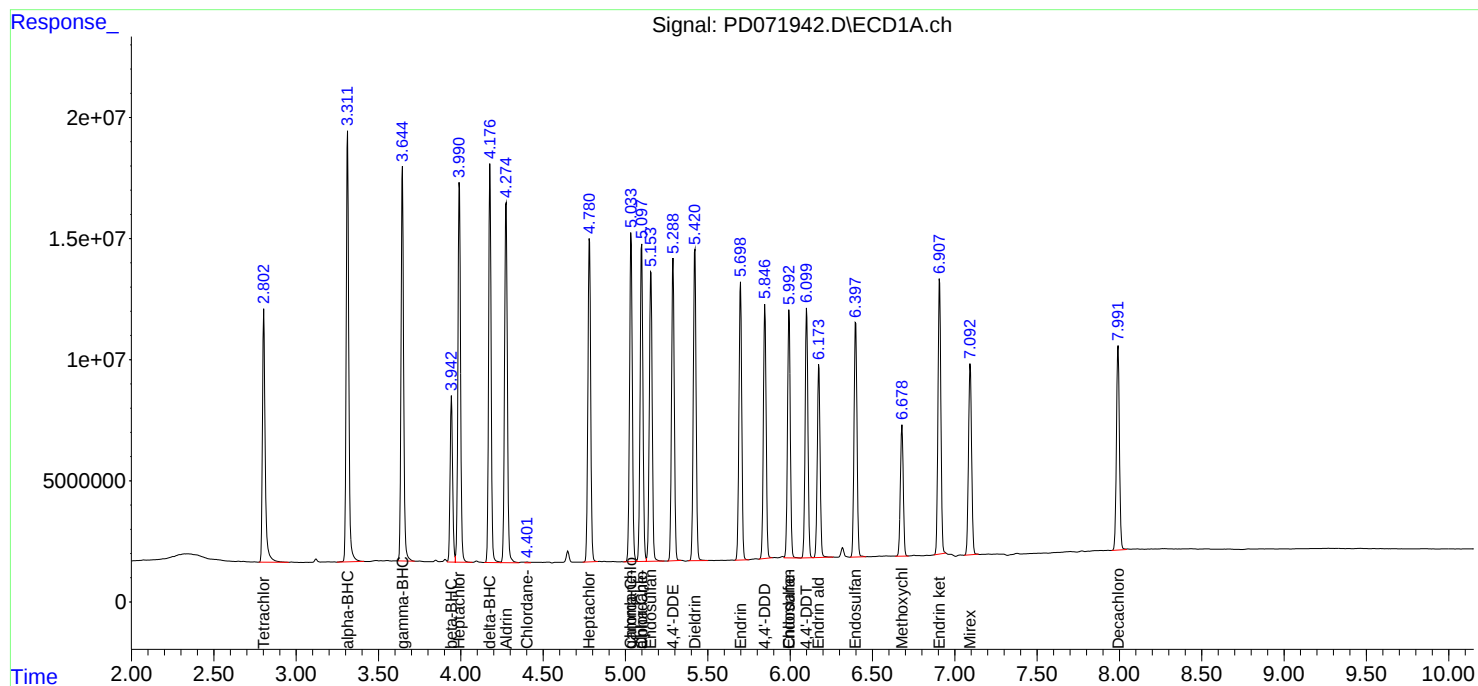
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

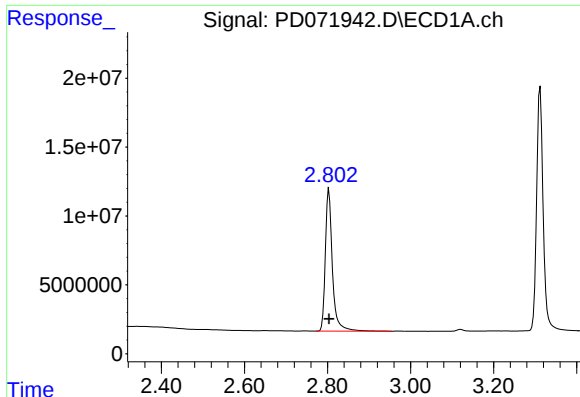
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091922\  
Data File : PD071942.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Sep 2022 19:44  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 17 01:09:14 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 10 22:11:50 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

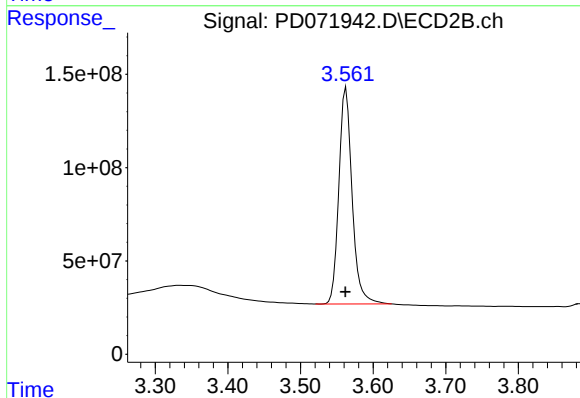




#1 Tetrachloro-m-xylene

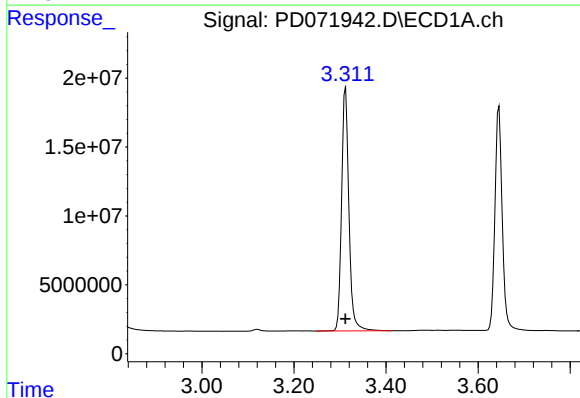
R.T.: 2.803 min  
Delta R.T.: 0.000 min  
Response: 122181911  
Conc: 49.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



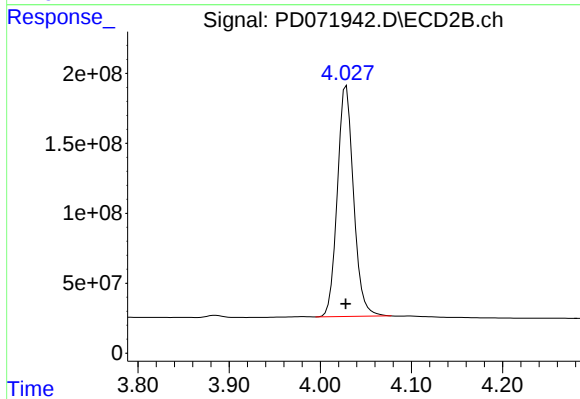
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 1468162445  
Conc: 51.16 ng/ml



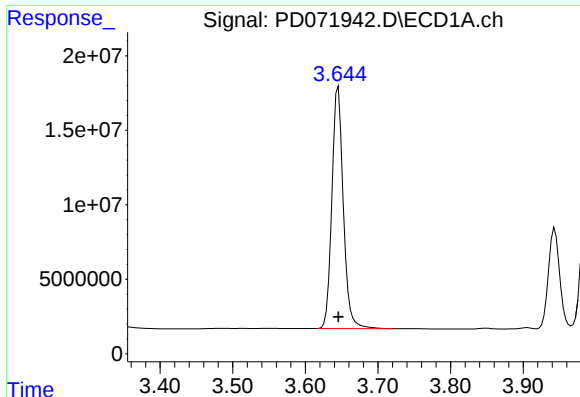
#2 alpha-BHC

R.T.: 3.312 min  
Delta R.T.: 0.000 min  
Response: 195063406  
Conc: 50.62 ng/ml



#2 alpha-BHC

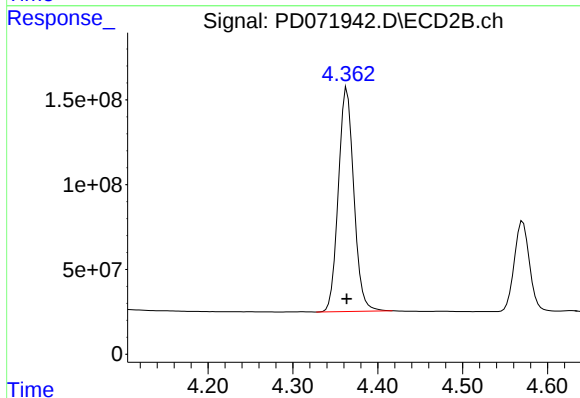
R.T.: 4.029 min  
Delta R.T.: 0.000 min  
Response: 2037676481  
Conc: 50.78 ng/ml



#3 gamma-BHC (Lindane)

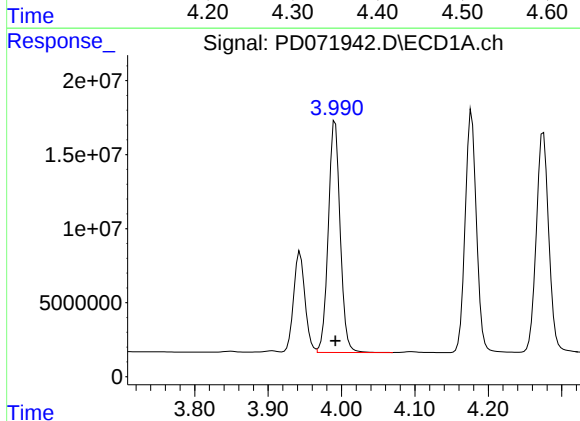
R.T.: 3.645 min  
Delta R.T.: 0.000 min  
Response: 177791687  
Conc: 50.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



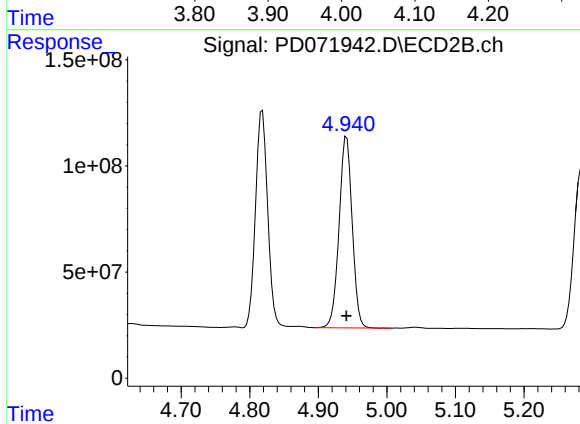
#3 gamma-BHC (Lindane)

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 1666724160  
Conc: 50.76 ng/ml



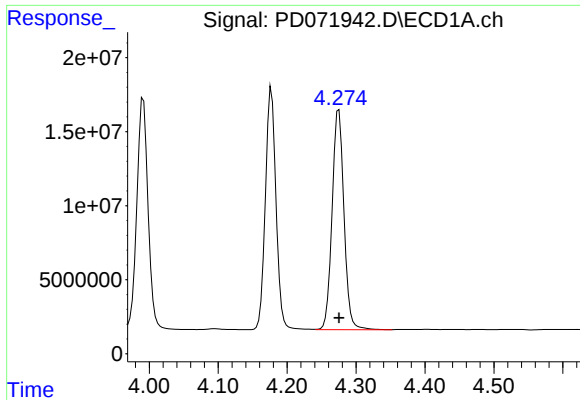
#4 Heptachlor

R.T.: 3.991 min  
Delta R.T.: 0.000 min  
Response: 176054478  
Conc: 47.09 ng/ml



#4 Heptachlor

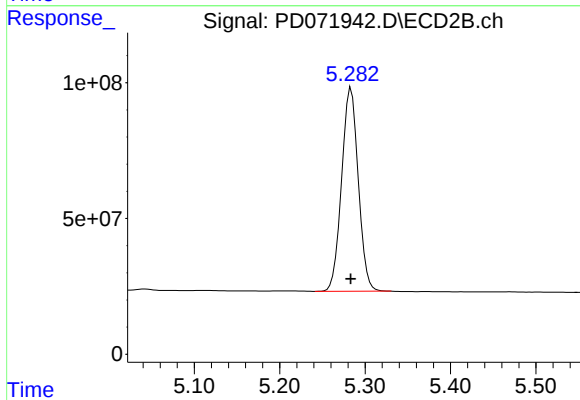
R.T.: 4.941 min  
Delta R.T.: 0.000 min  
Response: 1199235864  
Conc: 49.63 ng/ml



#5 Aldrin

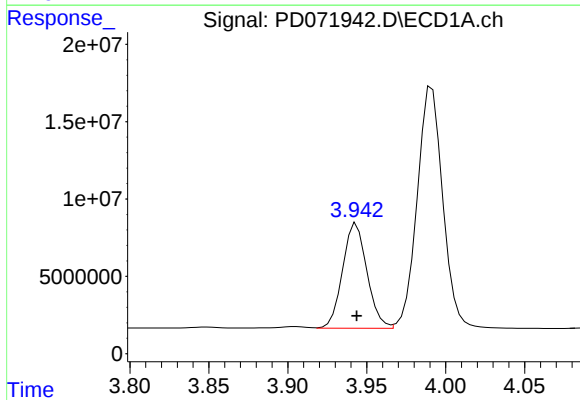
R.T.: 4.275 min  
Delta R.T.: 0.000 min  
Response: 177635040  
Conc: 48.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



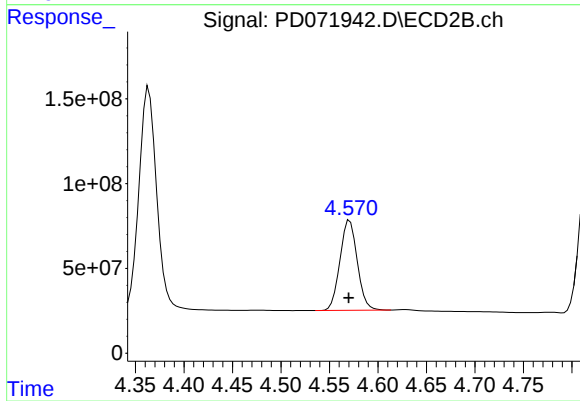
#5 Aldrin

R.T.: 5.284 min  
Delta R.T.: 0.000 min  
Response: 1015875332  
Conc: 50.11 ng/ml



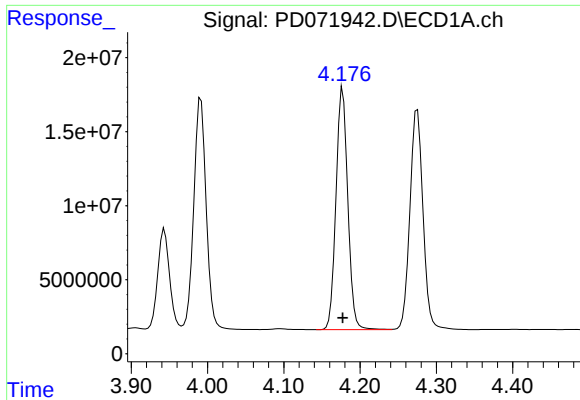
#6 beta-BHC

R.T.: 3.944 min  
Delta R.T.: 0.000 min  
Response: 73177946  
Conc: 48.30 ng/ml



#6 beta-BHC

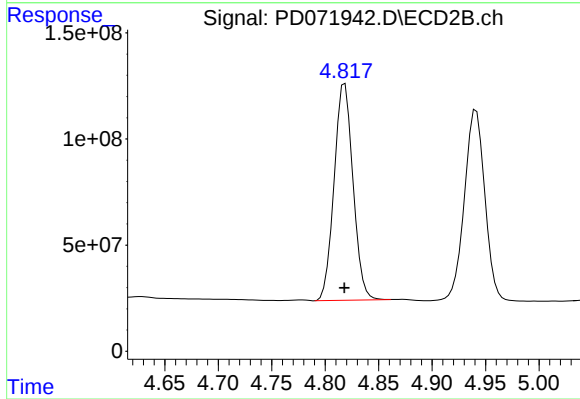
R.T.: 4.571 min  
Delta R.T.: 0.001 min  
Response: 660123986  
Conc: 49.95 ng/ml



#7 delta-BHC

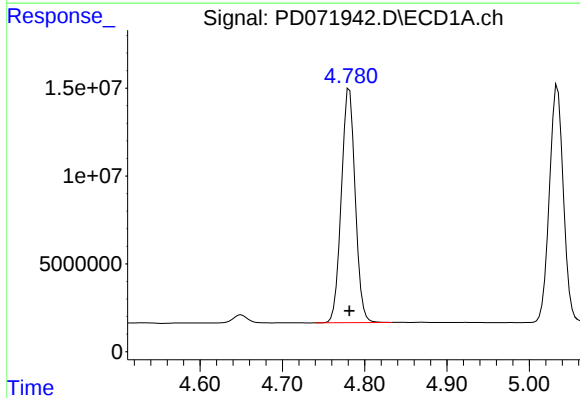
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 175188373  
Conc: 49.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



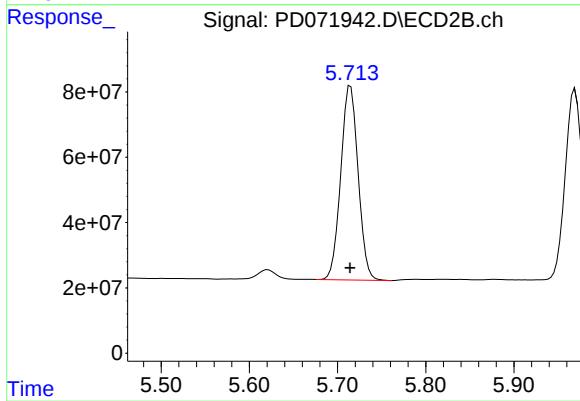
#7 delta-BHC

R.T.: 4.818 min  
Delta R.T.: 0.000 min  
Response: 1255029776  
Conc: 53.69 ng/ml



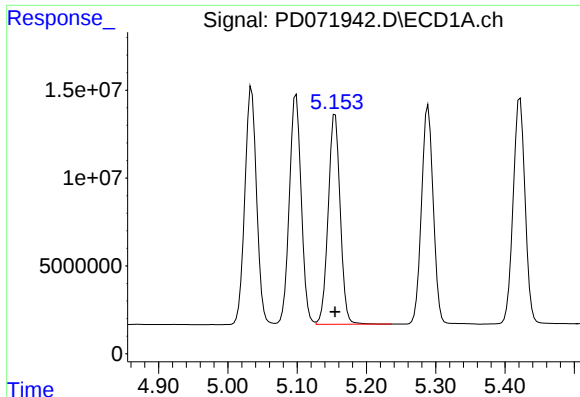
#8 Heptachlor epoxide

R.T.: 4.781 min  
Delta R.T.: 0.000 min  
Response: 156127976  
Conc: 47.75 ng/ml



#8 Heptachlor epoxide

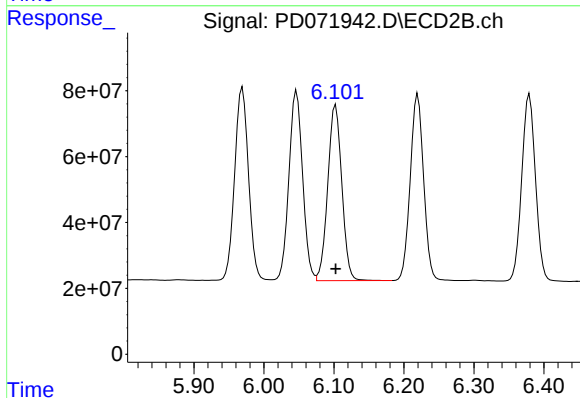
R.T.: 5.715 min  
Delta R.T.: 0.000 min  
Response: 813443966  
Conc: 52.75 ng/ml



#9 Endosulfan I

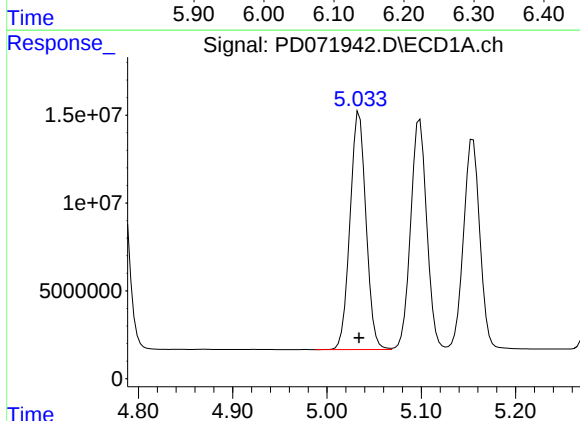
R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 144361956  
Conc: 45.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



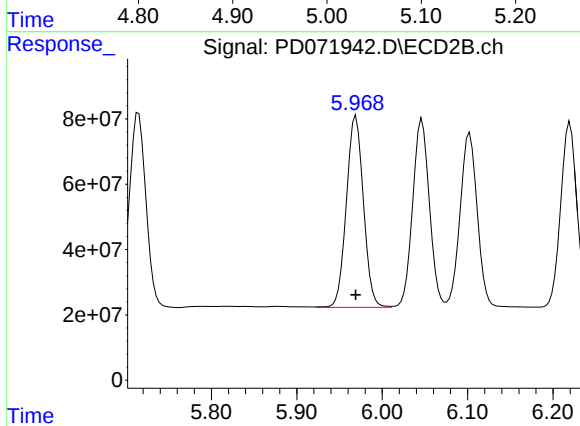
#9 Endosulfan I

R.T.: 6.103 min  
Delta R.T.: 0.000 min  
Response: 744739132  
Conc: 50.52 ng/ml



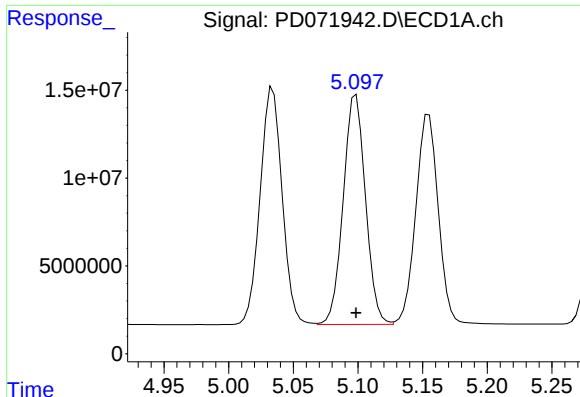
#10 gamma-Chlordane

R.T.: 5.034 min  
Delta R.T.: 0.000 min  
Response: 159394399  
Conc: 47.28 ng/ml



#10 gamma-Chlordane

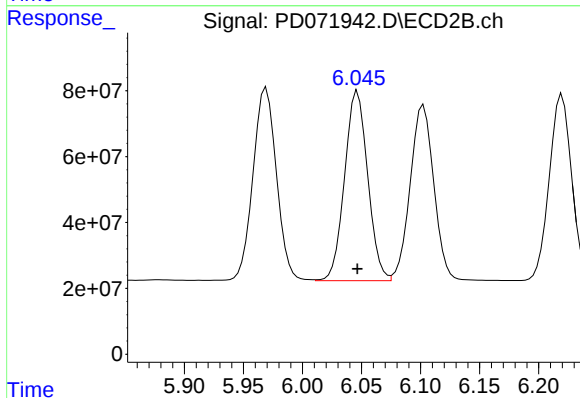
R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 813119834  
Conc: 50.61 ng/ml



#11 alpha-Chlordane

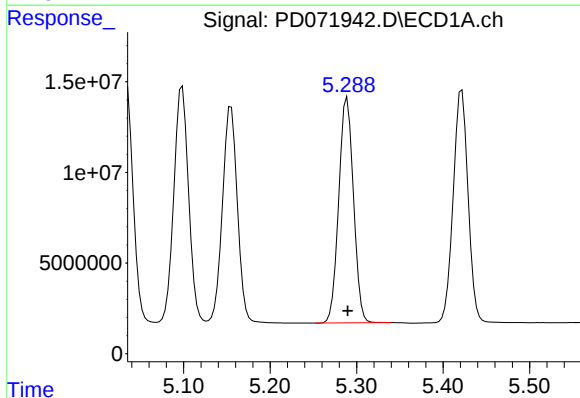
R.T.: 5.099 min  
Delta R.T.: 0.000 min  
Response: 156056002  
Conc: 47.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



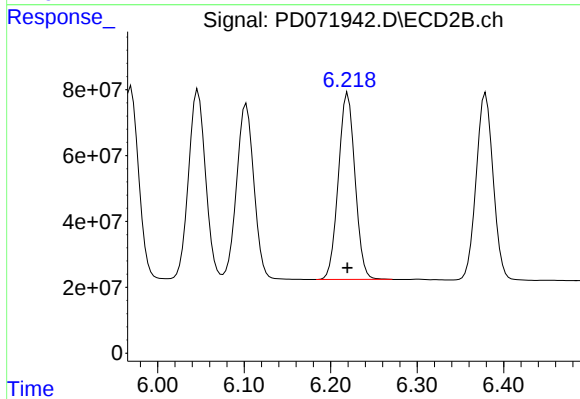
#11 alpha-Chlordane

R.T.: 6.047 min  
Delta R.T.: 0.000 min  
Response: 785894729  
Conc: 50.37 ng/ml



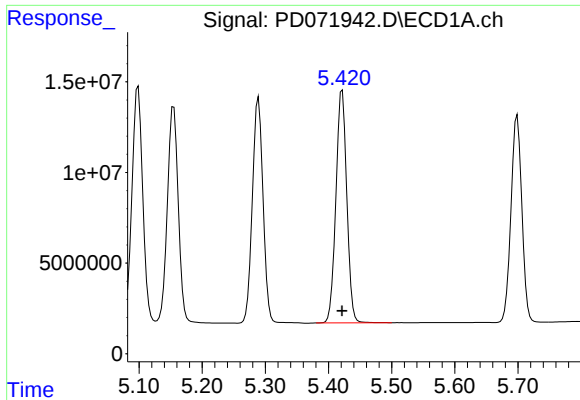
#12 4,4'-DDE

R.T.: 5.289 min  
Delta R.T.: 0.000 min  
Response: 146034795  
Conc: 47.73 ng/ml



#12 4,4'-DDE

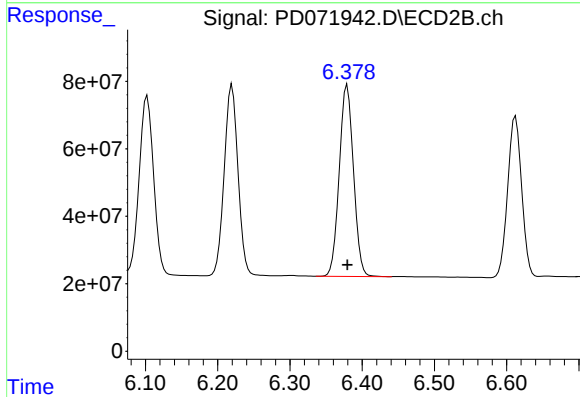
R.T.: 6.220 min  
Delta R.T.: 0.000 min  
Response: 751709284  
Conc: 51.03 ng/ml



#13 Dieldrin

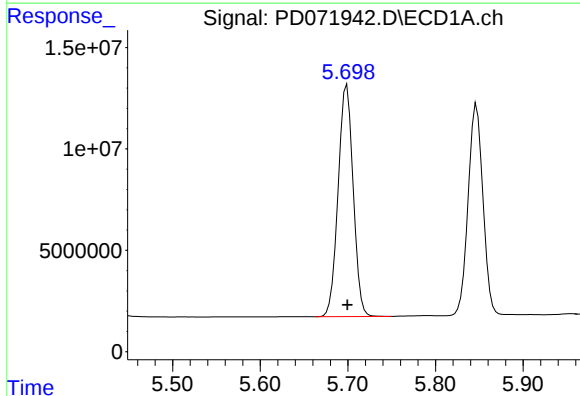
R.T.: 5.422 min  
Delta R.T.: 0.000 min  
Response: 154082501  
Conc: 46.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



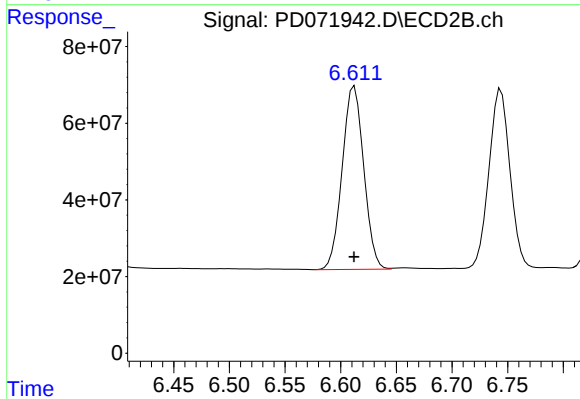
#13 Dieldrin

R.T.: 6.379 min  
Delta R.T.: 0.000 min  
Response: 774638478  
Conc: 51.11 ng/ml



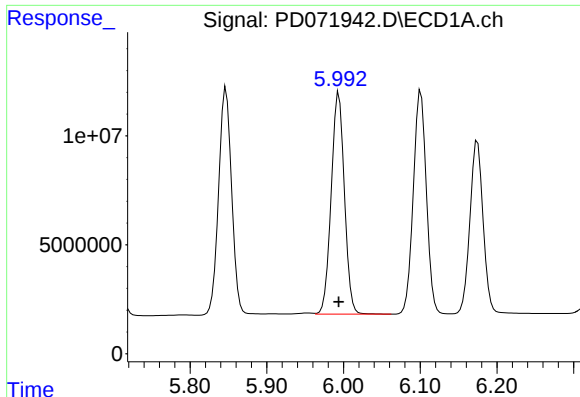
#14 Endrin

R.T.: 5.699 min  
Delta R.T.: 0.000 min  
Response: 136589781  
Conc: 46.10 ng/ml



#14 Endrin

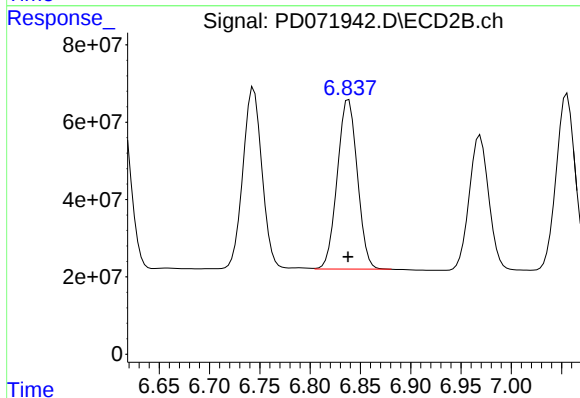
R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 644149044  
Conc: 51.00 ng/ml



#15 Endosulfan II

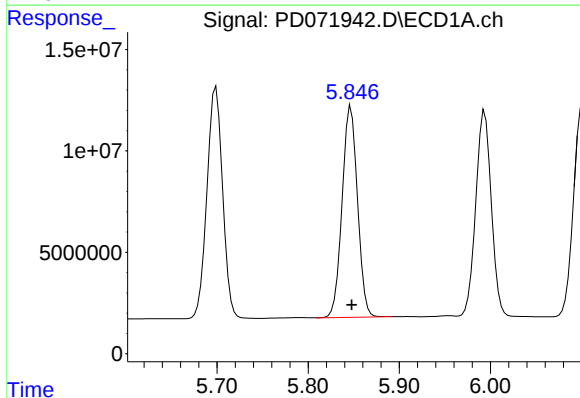
R.T.: 5.994 min  
Delta R.T.: 0.000 min  
Response: 121600652  
Conc: 44.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



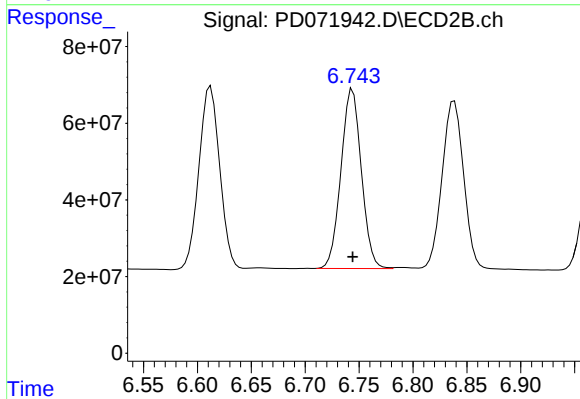
#15 Endosulfan II

R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 607680066  
Conc: 49.08 ng/ml



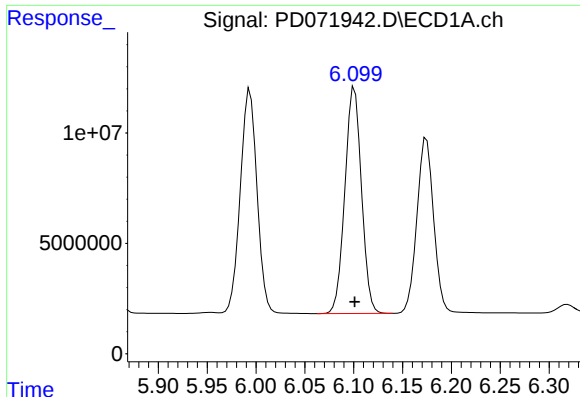
#16 4,4'-DDD

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 122158328  
Conc: 48.18 ng/ml



#16 4,4'-DDD

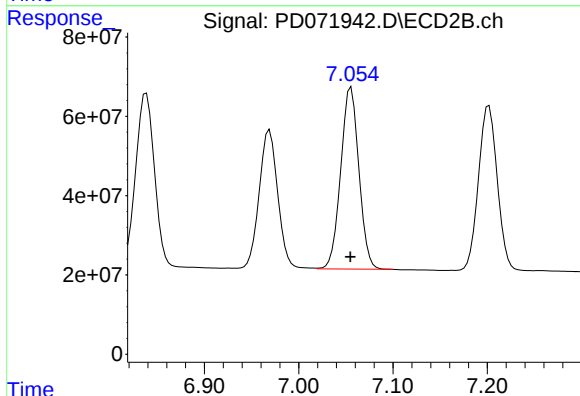
R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 616918425  
Conc: 51.91 ng/ml



#17 4,4'-DDT

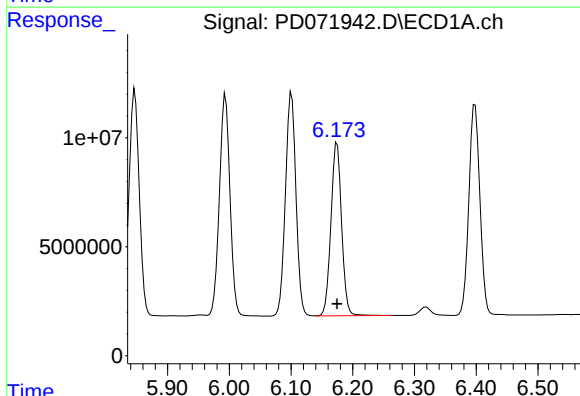
R.T.: 6.101 min  
Delta R.T.: 0.000 min  
Response: 121377479  
Conc: 46.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



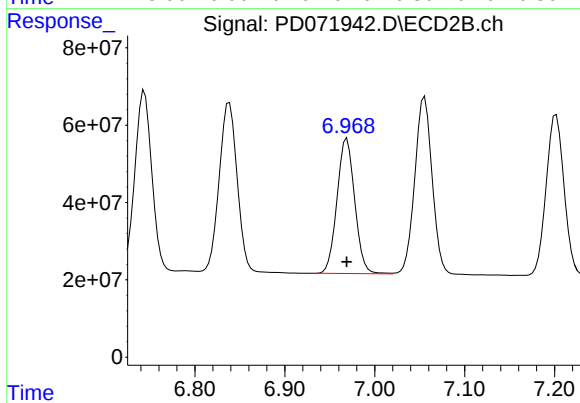
#17 4,4'-DDT

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 614134733  
Conc: 49.71 ng/ml



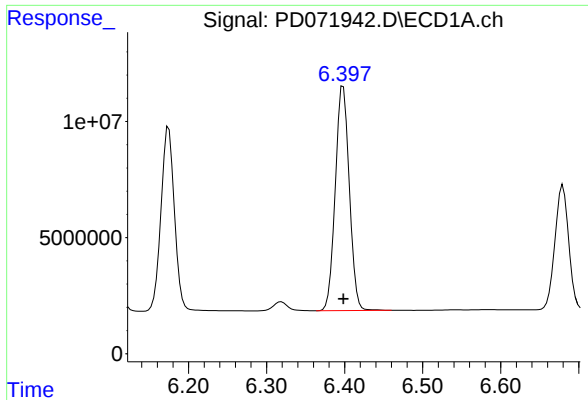
#18 Endrin aldehyde

R.T.: 6.175 min  
Delta R.T.: 0.000 min  
Response: 95126182  
Conc: 43.01 ng/ml



#18 Endrin aldehyde

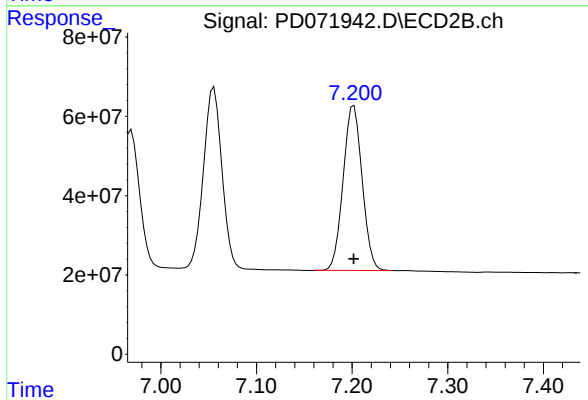
R.T.: 6.969 min  
Delta R.T.: 0.000 min  
Response: 477692294  
Conc: 49.48 ng/ml



#19 Endosulfan Sulfate

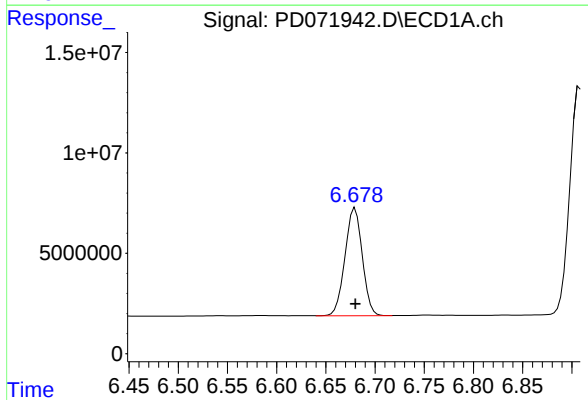
R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 120731669  
Conc: 45.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



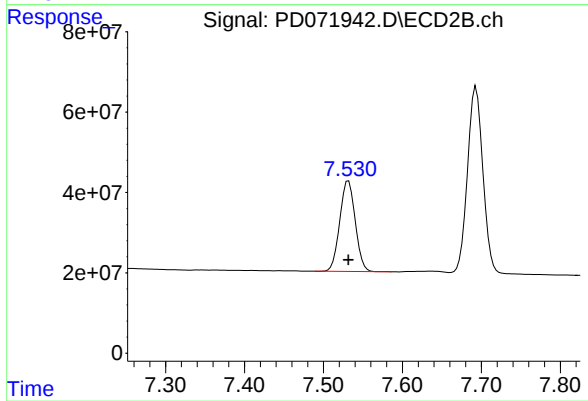
#19 Endosulfan Sulfate

R.T.: 7.202 min  
Delta R.T.: 0.000 min  
Response: 575254193  
Conc: 51.58 ng/ml



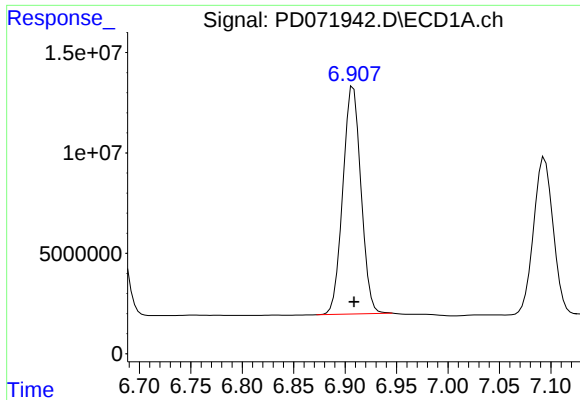
#20 Methoxychlor

R.T.: 6.680 min  
Delta R.T.: 0.000 min  
Response: 65708566  
Conc: 43.88 ng/ml



#20 Methoxychlor

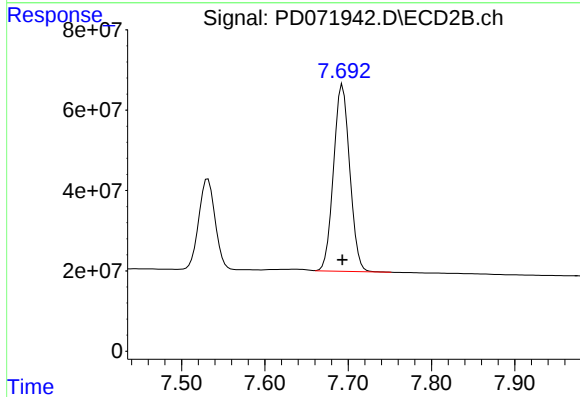
R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 307223838  
Conc: 50.54 ng/ml



#21 Endrin ketone

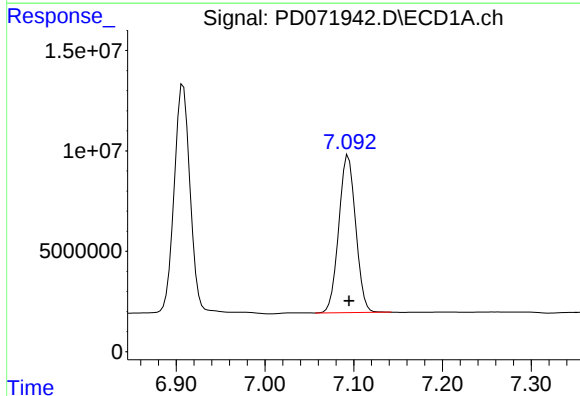
R.T.: 6.908 min  
Delta R.T.: 0.000 min  
Response: 139249734  
Conc: 46.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



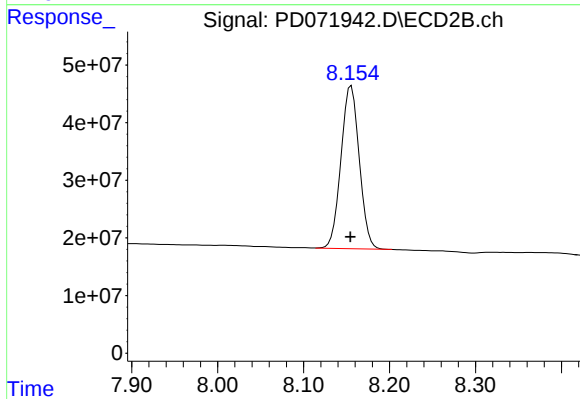
#21 Endrin ketone

R.T.: 7.693 min  
Delta R.T.: 0.000 min  
Response: 628569210  
Conc: 50.54 ng/ml



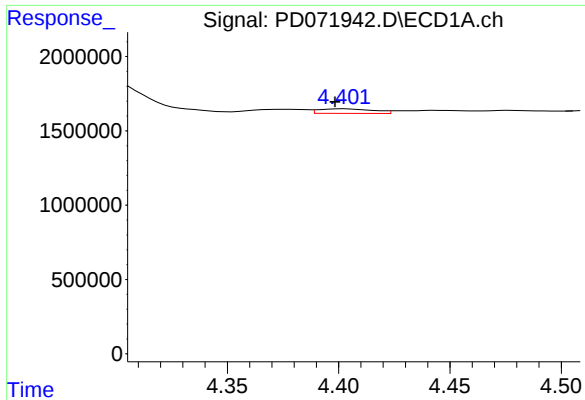
#22 Mirex

R.T.: 7.094 min  
Delta R.T.: 0.000 min  
Response: 103740382  
Conc: 44.02 ng/ml



#22 Mirex

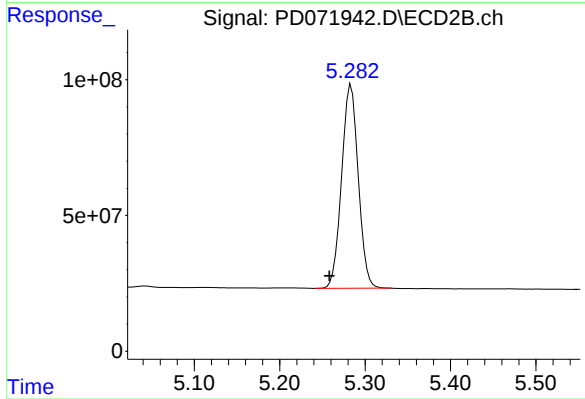
R.T.: 8.155 min  
Delta R.T.: 0.000 min  
Response: 418377293  
Conc: 48.31 ng/ml



#24 Chlordane-2

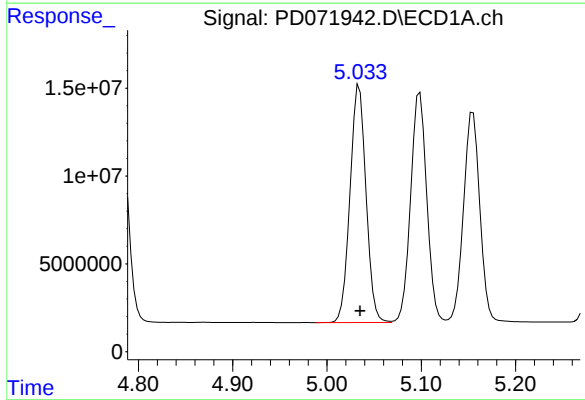
R.T.: 4.403 min  
Delta R.T.: 0.004 min  
Response: 512960  
Conc: 4.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



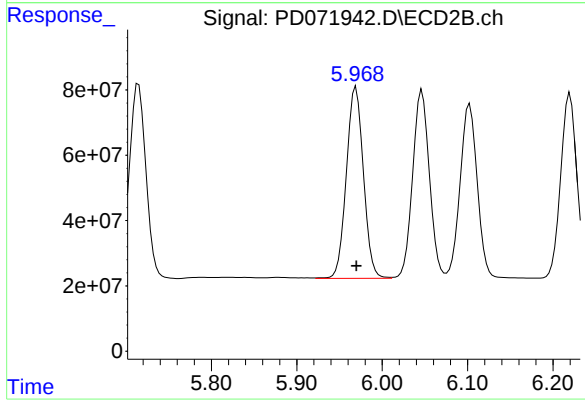
#24 Chlordane-2

R.T.: 5.284 min  
Delta R.T.: 0.025 min  
Response: 1015875332  
Conc: 1469.39 ng/ml



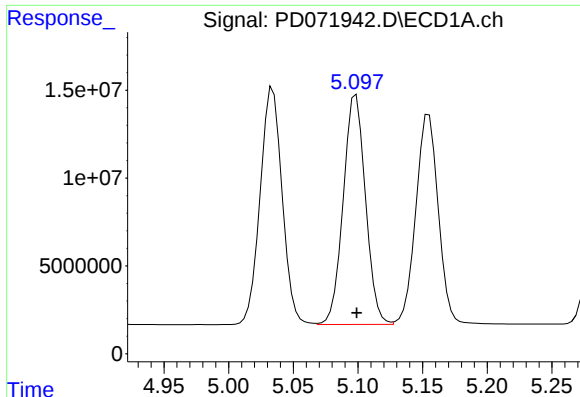
#25 Chlordane-3

R.T.: 5.034 min  
Delta R.T.: 0.000 min  
Response: 159394399  
Conc: 468.77 ng/ml



#25 Chlordane-3

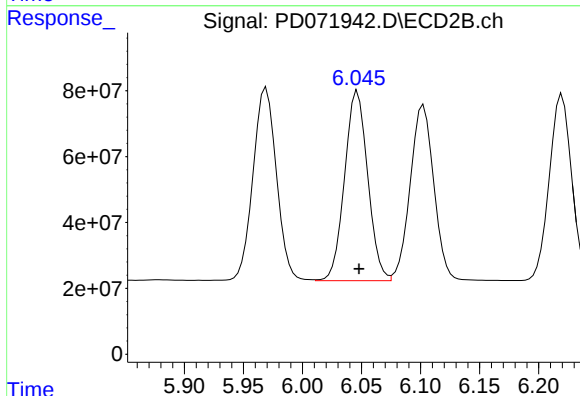
R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 813119834  
Conc: 370.14 ng/ml



#26 Chlordane-4

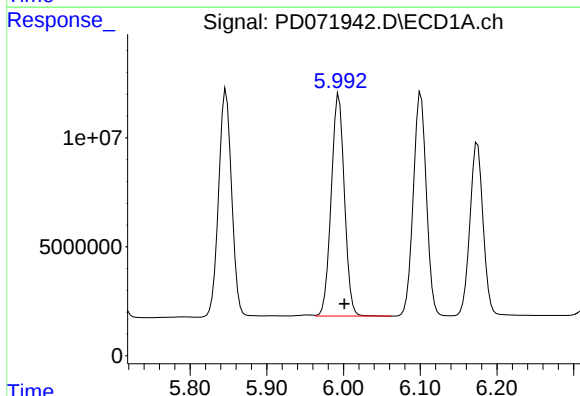
R.T.: 5.099 min  
Delta R.T.: 0.000 min  
Response: 156056002  
Conc: 496.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



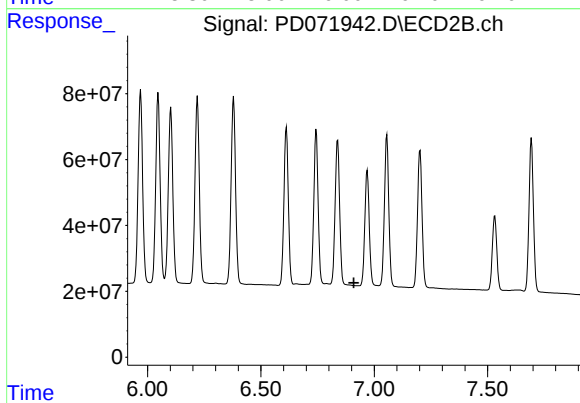
#26 Chlordane-4

R.T.: 6.047 min  
Delta R.T.: -0.001 min  
Response: 785894729  
Conc: 305.83 ng/ml



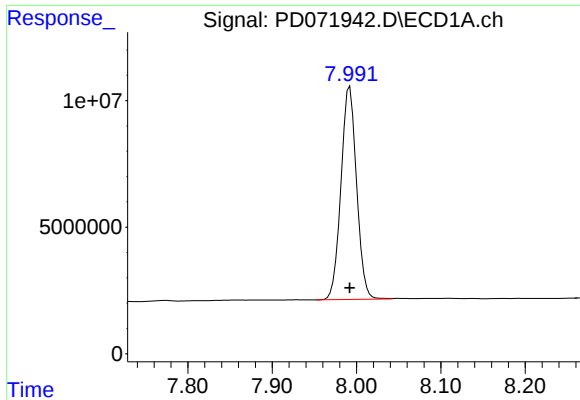
#27 Chlordane-5

R.T.: 5.994 min  
Delta R.T.: -0.007 min  
Response: 121600652  
Conc: 974.66 ng/ml



#27 Chlordane-5

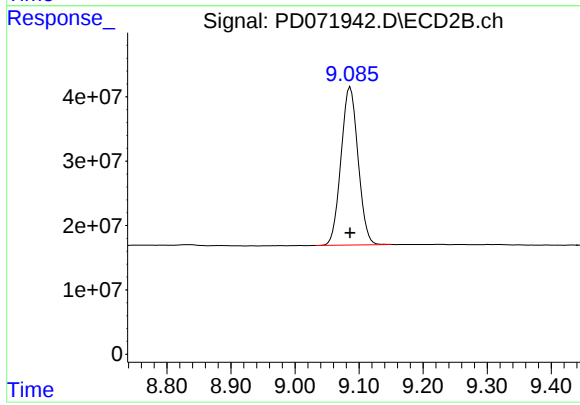
R.T.: 0.000 min  
Exp R.T. : 6.909 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: 0.000 min  
Response: 108132195  
Conc: 42.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.086 min  
Delta R.T.: 0.000 min  
Response: 452725603  
Conc: 48.70 ng/ml