

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020923\  
 Data File : PD073898.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Feb 2023 17:57  
 Operator : AR\AJ  
 Sample : 01418-04MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 08 21:55:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 19 02:45:26 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... | 3.554  | 2.776 | 50807534 | 23736598 | 21.736   | 18.645     |
| 28)                         | SA Decachlor... | 9.098  | 7.930 | 59891035 | 23204745 | 21.253   | 19.945     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.011  | 3.280 | 226.9E6  | 94261713 | 57.131   | 55.323     |
| 3)                          | MA gamma-BHC... | 4.344  | 3.610 | 210.1E6  | 86733939 | 57.212   | 57.662     |
| 4)                          | MA Heptachlor   | 4.937  | 3.952 | 220.0E6  | 82820578 | 59.252   | 61.849     |
| 5)                          | MB Aldrin       | 5.280  | 4.233 | 210.8E6  | 85059957 | 58.473   | 52.660     |
| 6)                          | B beta-BHC      | 4.537  | 3.905 | 83401508 | 34658307 | 53.762   | 52.297     |
| 7)                          | B delta-BHC     | 4.786  | 4.137 | 192.9E6  | 79351080 | 57.334   | 51.913     |
| 8)                          | B Heptachlo...  | 5.707  | 4.736 | 188.0E6  | 76325876 | 58.912   | 56.724     |
| 9)                          | A Endosulfan I  | 6.093  | 5.107 | 174.1E6  | 71407294 | 56.688   | 53.109     |
| 10)                         | B gamma-Chl...  | 5.963  | 4.987 | 191.2E6  | 78097942 | 58.069   | 52.769     |
| 11)                         | B alpha-Chl...  | 6.043  | 5.051 | 186.7E6  | 76549953 | 56.592   | 51.466     |
| 12)                         | B 4,4'-DDE      | 6.214  | 5.242 | 174.1E6  | 72015613 | 57.637   | 53.971     |
| 13)                         | MA Dieldrin     | 6.369  | 5.372 | 183.2E6  | 75261787 | 57.446   | 57.416     |
| 14)                         | MA Endrin       | 6.599  | 5.648 | 152.9E6  | 65079331 | 56.418   | 58.523     |
| 15)                         | B Endosulfa...  | 6.817  | 5.941 | 147.4E6  | 61730534 | 55.679   | 53.004     |
| 16)                         | A 4,4'-DDD      | 6.731  | 5.796 | 141.3E6  | 60086683 | 57.279   | 58.315     |
| 17)                         | MA 4,4'-DDT     | 7.047  | 6.047 | 147.9E6  | 58740937 | 53.122   | 57.028     |
| 18)                         | B Endrin al...  | 6.948  | 6.121 | 118.1E6  | 49552534 | 54.450   | 56.182     |
| 19)                         | B Endosulfa...  | 7.182  | 6.343 | 143.3E6  | 60219738 | 53.509   | 53.498     |
| 20)                         | A Methoxychlor  | 7.522  | 6.624 | 76469271 | 30856799 | 49.363   | 58.954     |
| 21)                         | B Endrin ke...  | 7.669  | 6.850 | 162.6E6  | 71292436 | 53.755   | 55.642     |
| 22)                         | Mirex           | 8.146  | 7.035 | 118.0E6  | 51541362 | 51.369   | 49.077     |
| 24)                         | Chlordane-2     | 5.280f | 0.000 | 210.8E6  | 0        | 1666.042 | N.D. #     |
| 25)                         | Chlordane-3     | 5.963  | 4.987 | 191.2E6  | 78097942 | 408.347  | 540.979 #  |
| 26)                         | Chlordane-4     | 6.043  | 5.051 | 186.7E6  | 76549953 | 326.142  | 549.174 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.941 | 0        | 61730534 | N.D.     | 1228.459 # |
| -----                       |                 |        |       |          |          |          |            |

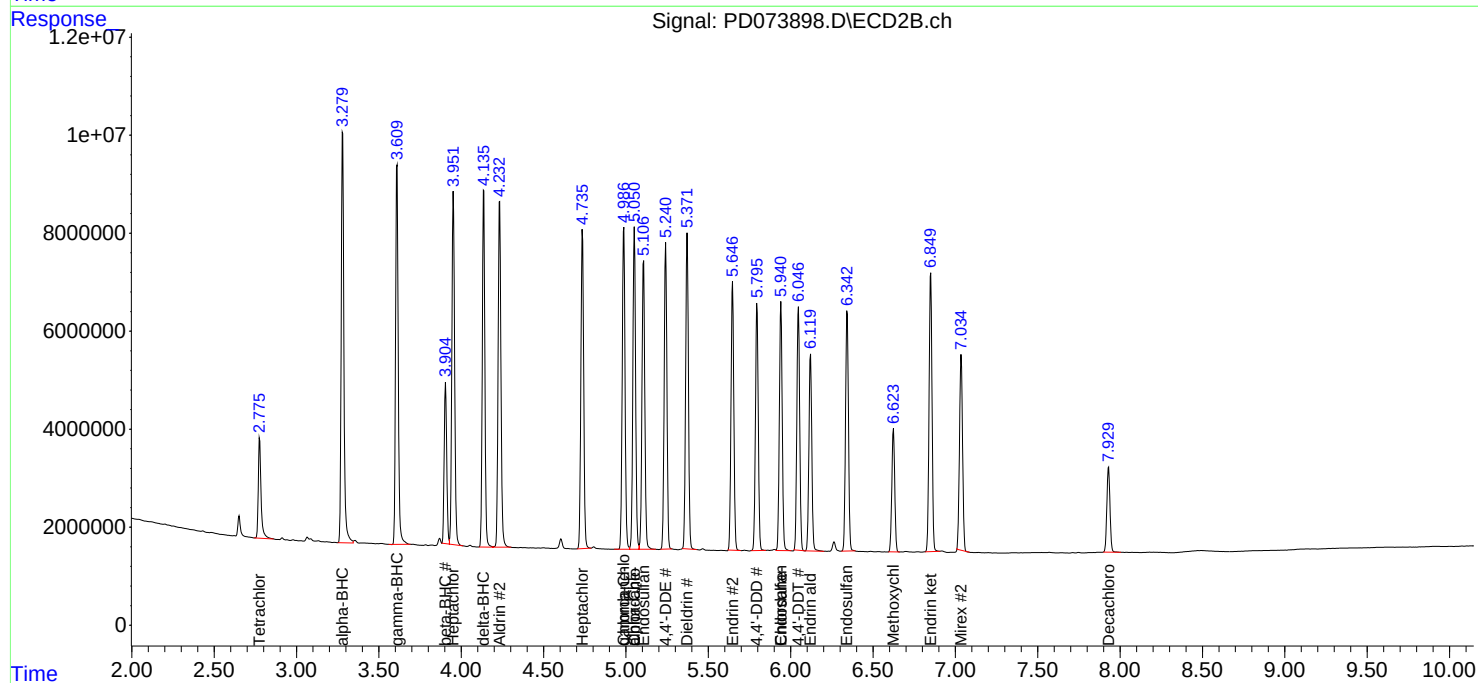
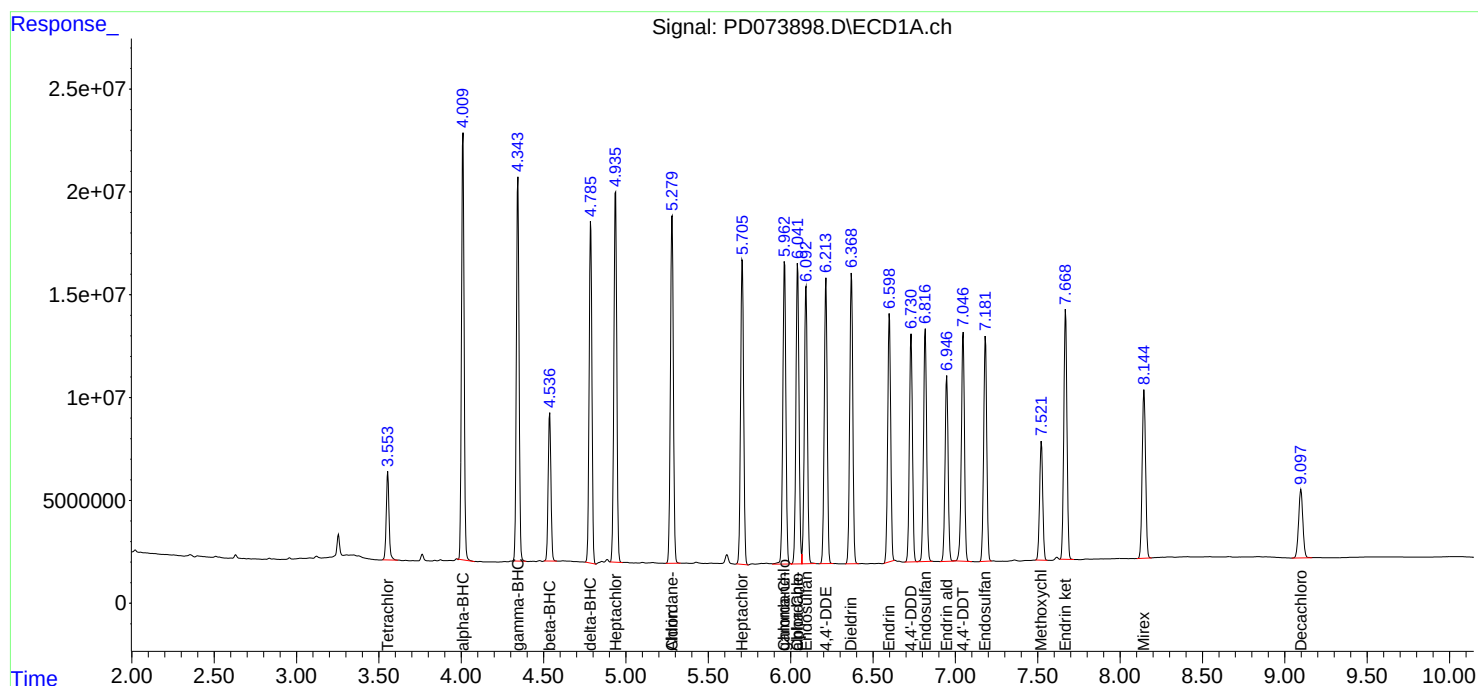
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

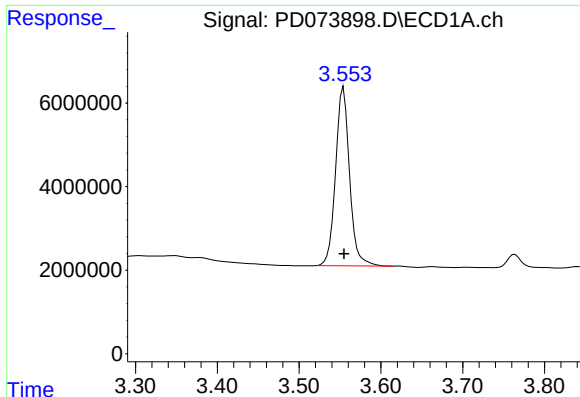
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020923\  
Data File : PD073898.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Feb 2023 17:57  
Operator : AR\AJ  
Sample : 01418-04MSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 08 21:55:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011823.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 19 02:45:26 2023  
Response via : Initial Calibration  
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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

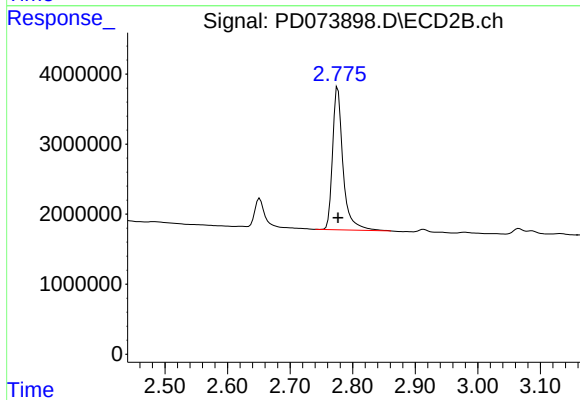




#1 Tetrachloro-m-xylene

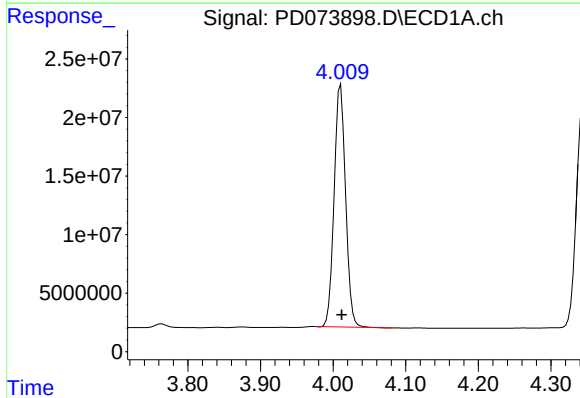
R.T.: 3.554 min  
Delta R.T.: 0.000 min  
Response: 50807534  
Conc: 21.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



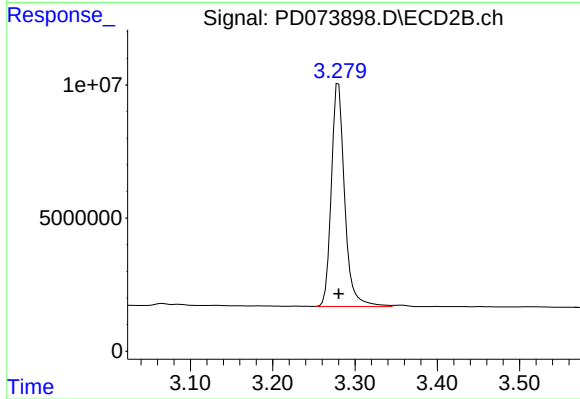
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: 0.000 min  
Response: 23736598  
Conc: 18.65 ng/ml



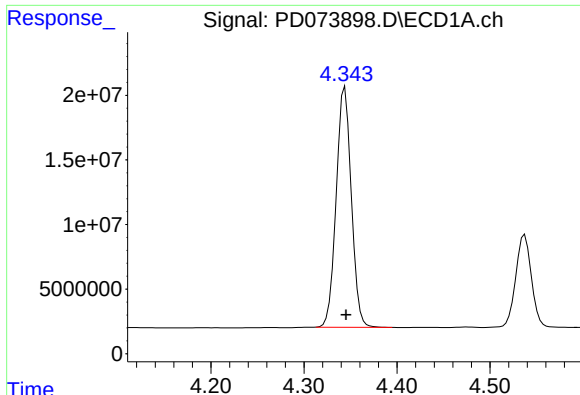
#2 alpha-BHC

R.T.: 4.011 min  
Delta R.T.: -0.001 min  
Response: 226914508  
Conc: 57.13 ng/ml



#2 alpha-BHC

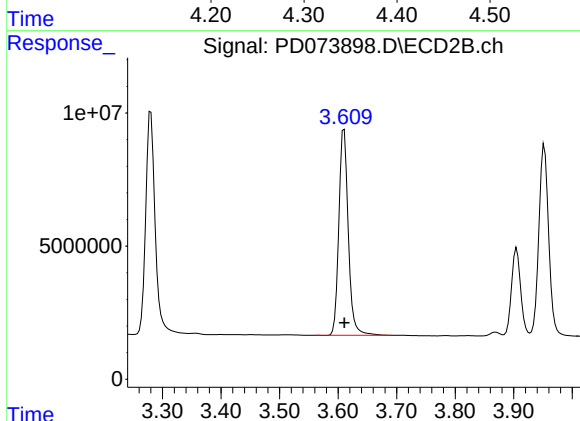
R.T.: 3.280 min  
Delta R.T.: 0.000 min  
Response: 94261713  
Conc: 55.32 ng/ml



#3 gamma-BHC (Lindane)

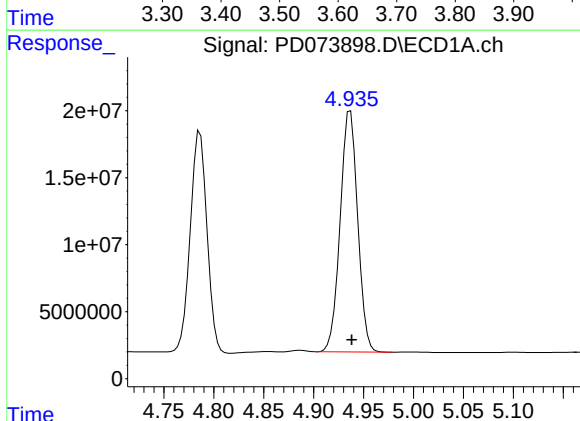
R.T.: 4.344 min  
Delta R.T.: -0.001 min  
Response: 210056583  
Conc: 57.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



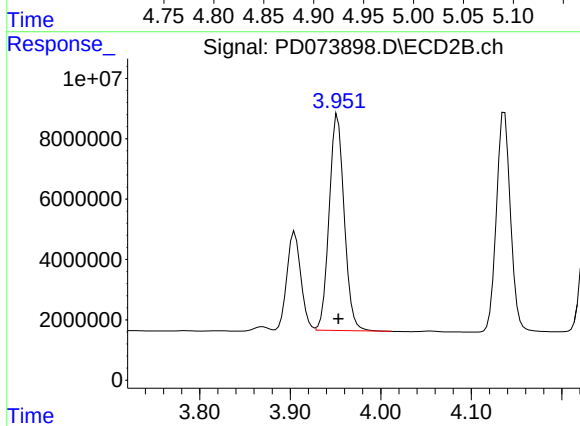
#3 gamma-BHC (Lindane)

R.T.: 3.610 min  
Delta R.T.: 0.000 min  
Response: 86733939  
Conc: 57.66 ng/ml



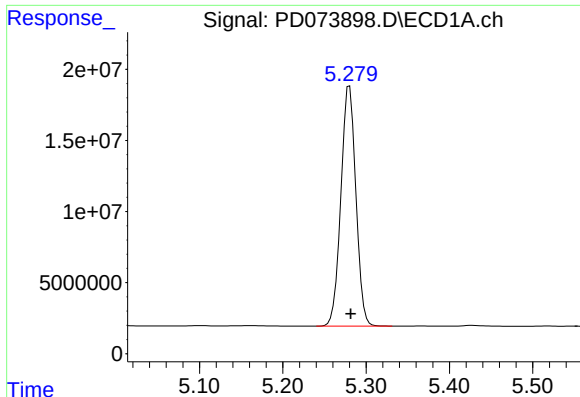
#4 Heptachlor

R.T.: 4.937 min  
Delta R.T.: -0.001 min  
Response: 220025001  
Conc: 59.25 ng/ml



#4 Heptachlor

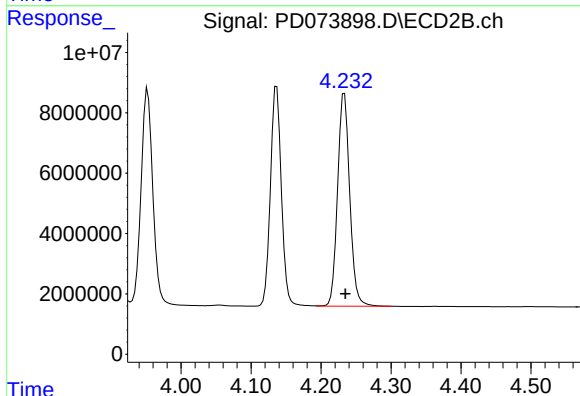
R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 82820578  
Conc: 61.85 ng/ml



#5 Aldrin

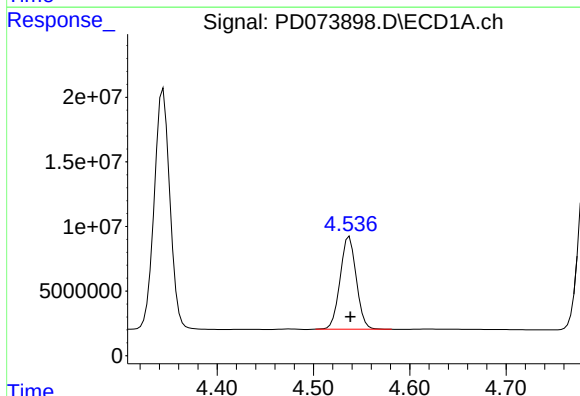
R.T.: 5.280 min  
Delta R.T.: -0.002 min  
Response: 210780716  
Conc: 58.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



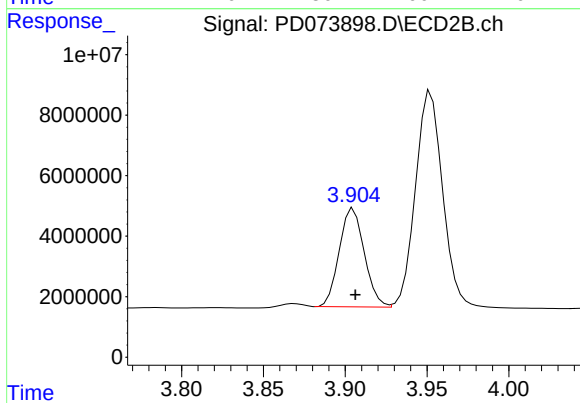
#5 Aldrin

R.T.: 4.233 min  
Delta R.T.: -0.002 min  
Response: 85059957  
Conc: 52.66 ng/ml



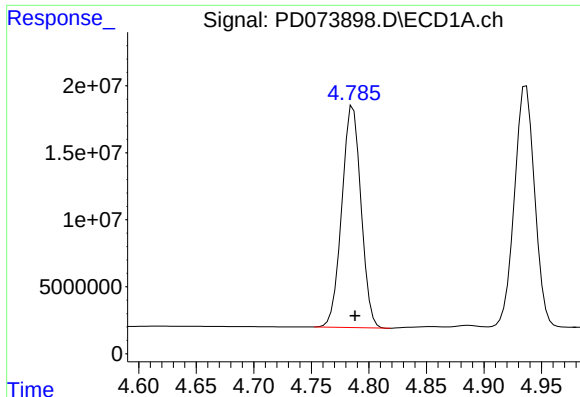
#6 beta-BHC

R.T.: 4.537 min  
Delta R.T.: 0.000 min  
Response: 83401508  
Conc: 53.76 ng/ml



#6 beta-BHC

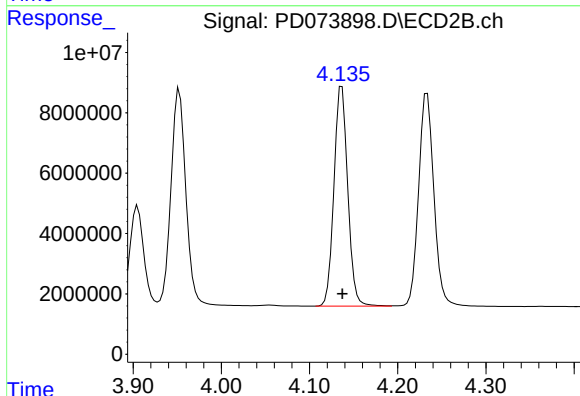
R.T.: 3.905 min  
Delta R.T.: -0.001 min  
Response: 34658307  
Conc: 52.30 ng/ml



#7 delta-BHC

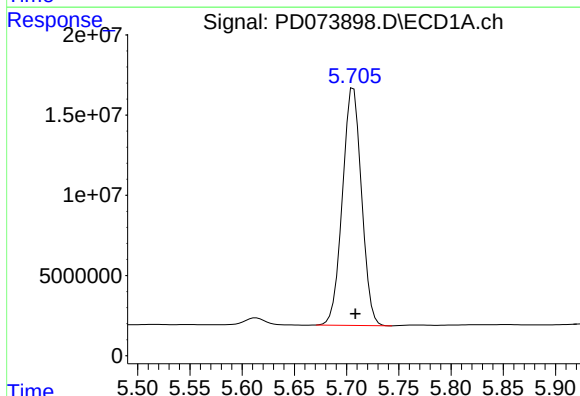
R.T.: 4.786 min  
Delta R.T.: -0.002 min  
Response: 192932660  
Conc: 57.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



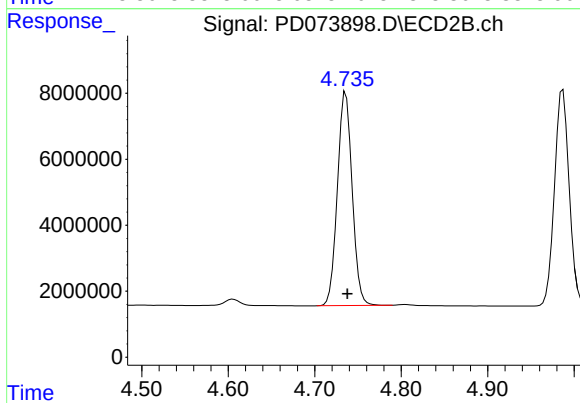
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 79351080  
Conc: 51.91 ng/ml



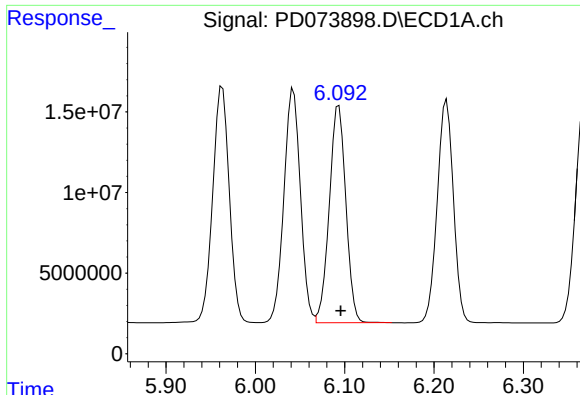
#8 Heptachlor epoxide

R.T.: 5.707 min  
Delta R.T.: -0.002 min  
Response: 188010031  
Conc: 58.91 ng/ml



#8 Heptachlor epoxide

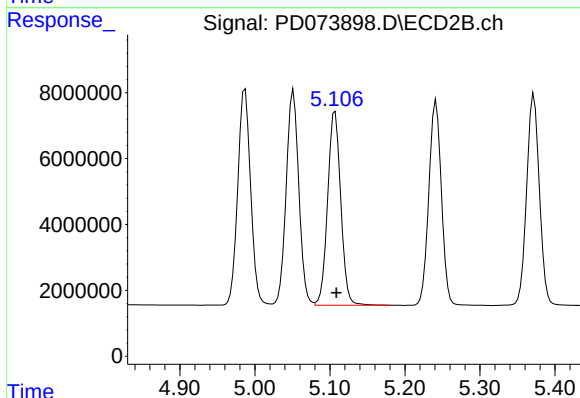
R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 76325876  
Conc: 56.72 ng/ml



#9 Endosulfan I

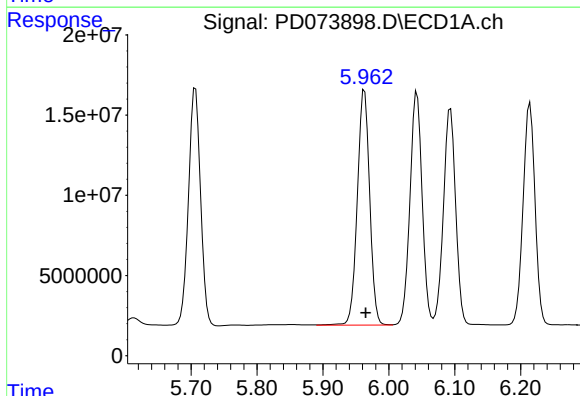
R.T.: 6.093 min  
Delta R.T.: -0.002 min  
Response: 174069041  
Conc: 56.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



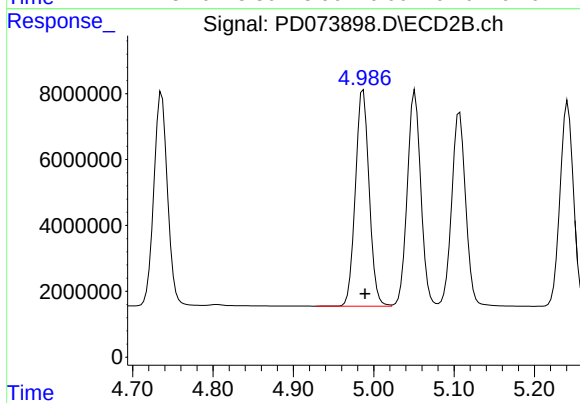
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 71407294  
Conc: 53.11 ng/ml



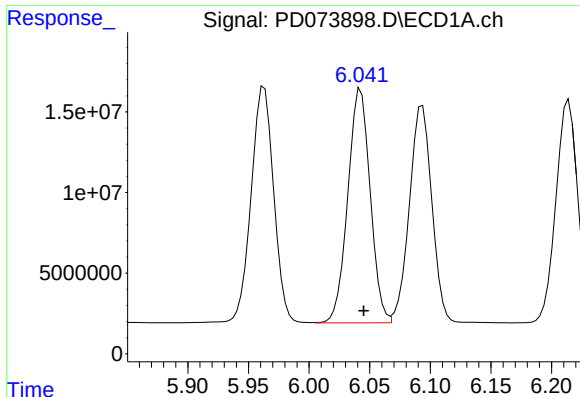
#10 gamma-Chlordane

R.T.: 5.963 min  
Delta R.T.: -0.002 min  
Response: 191186040  
Conc: 58.07 ng/ml



#10 gamma-Chlordane

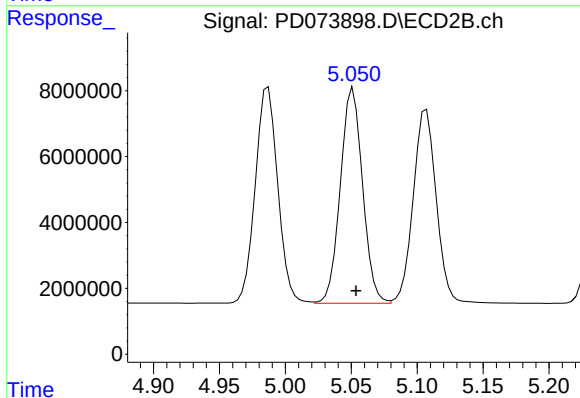
R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 78097942  
Conc: 52.77 ng/ml



#11 alpha-Chlordane

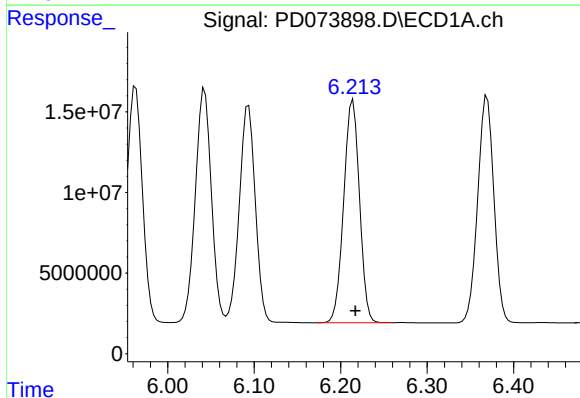
R.T.: 6.043 min  
Delta R.T.: -0.002 min  
Response: 186689189  
Conc: 56.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



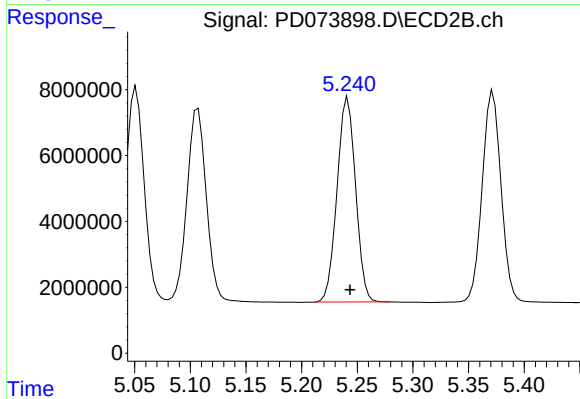
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 76549953  
Conc: 51.47 ng/ml



#12 4,4'-DDE

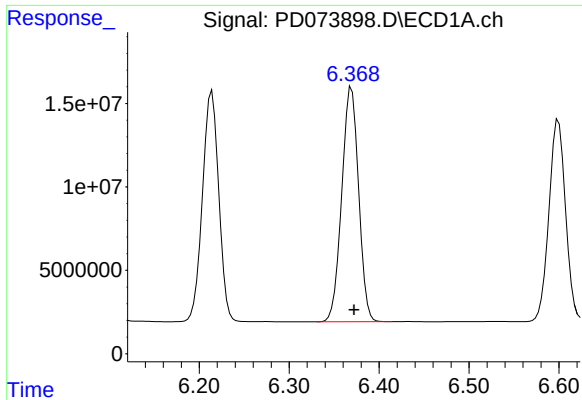
R.T.: 6.214 min  
Delta R.T.: -0.003 min  
Response: 174082132  
Conc: 57.64 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 72015613  
Conc: 53.97 ng/ml

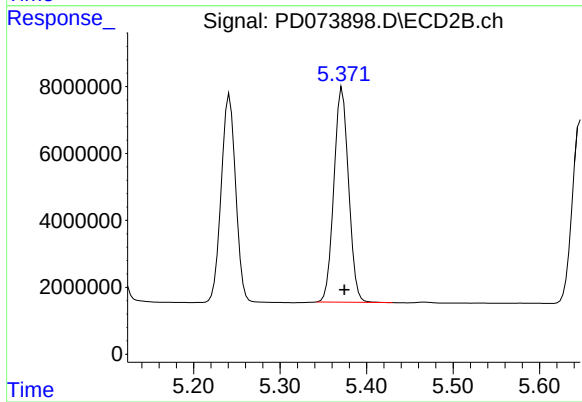




#13 Dieldrin

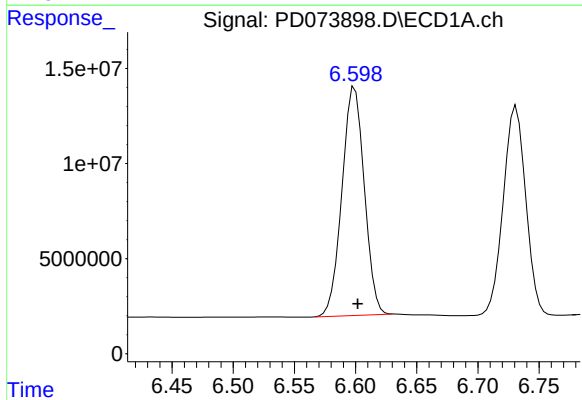
R.T.: 6.369 min  
Delta R.T.: -0.003 min  
Response: 183166957  
Conc: 57.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



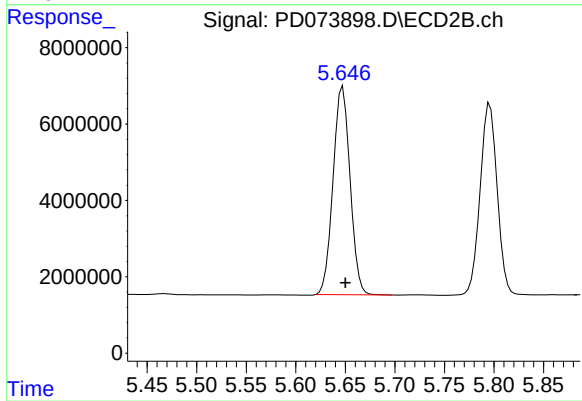
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: -0.002 min  
Response: 75261787  
Conc: 57.42 ng/ml



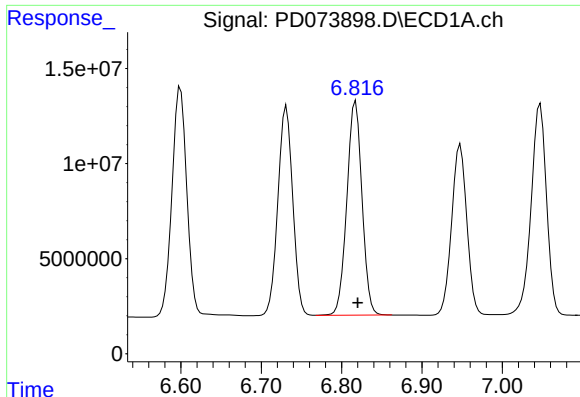
#14 Endrin

R.T.: 6.599 min  
Delta R.T.: -0.002 min  
Response: 152949136  
Conc: 56.42 ng/ml



#14 Endrin

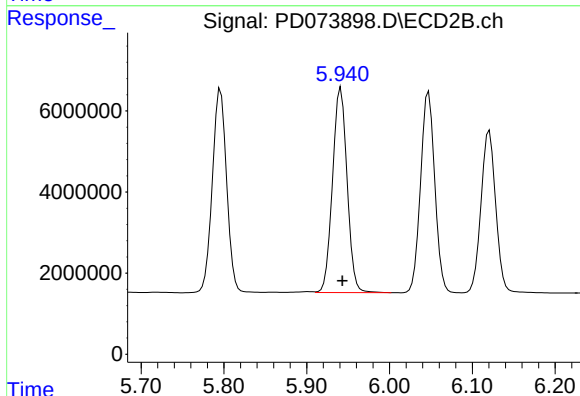
R.T.: 5.648 min  
Delta R.T.: -0.002 min  
Response: 65079331  
Conc: 58.52 ng/ml



#15 Endosulfan II

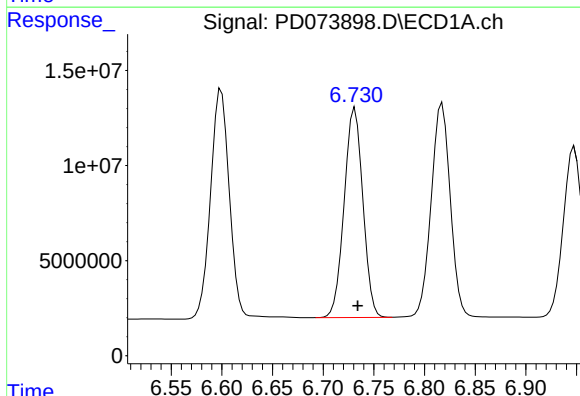
R.T.: 6.817 min  
Delta R.T.: -0.003 min  
Response: 147443978  
Conc: 55.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



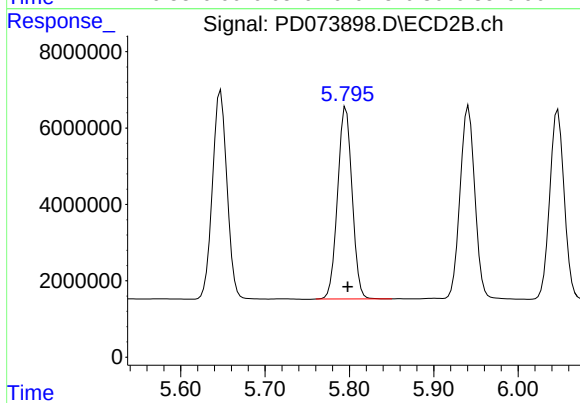
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 61730534  
Conc: 53.00 ng/ml



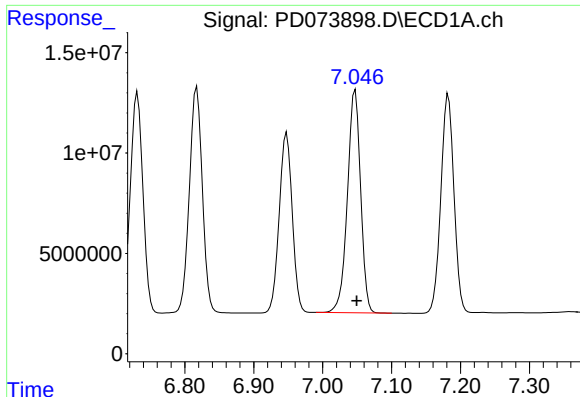
#16 4,4'-DDD

R.T.: 6.731 min  
Delta R.T.: -0.003 min  
Response: 141268067  
Conc: 57.28 ng/ml



#16 4,4'-DDD

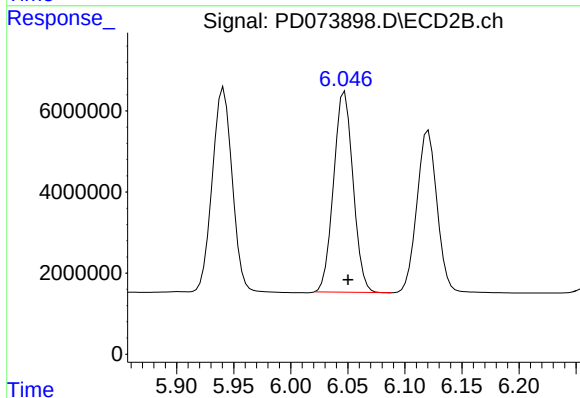
R.T.: 5.796 min  
Delta R.T.: -0.002 min  
Response: 60086683  
Conc: 58.32 ng/ml



#17 4,4'-DDT

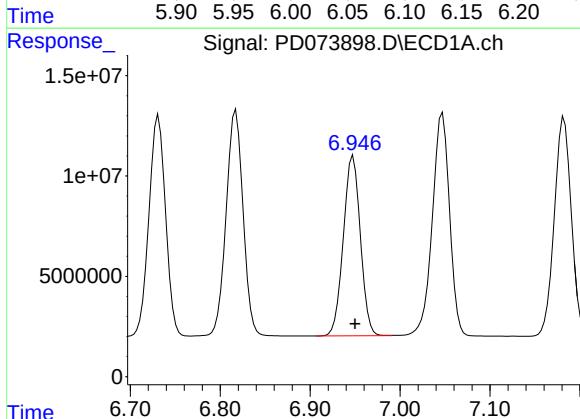
R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 147897202  
Conc: 53.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



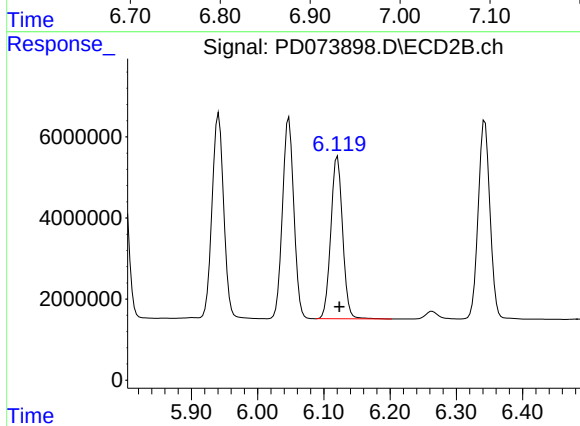
#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 58740937  
Conc: 57.03 ng/ml



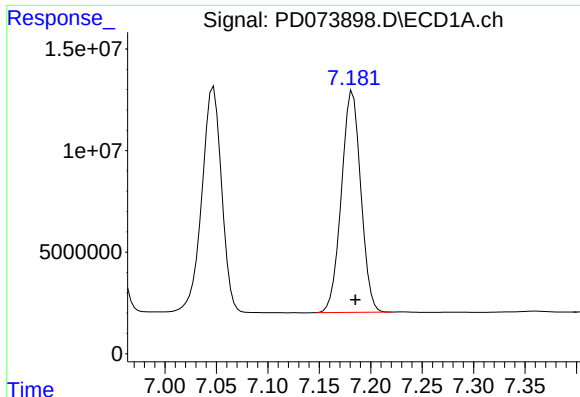
#18 Endrin aldehyde

R.T.: 6.948 min  
Delta R.T.: -0.002 min  
Response: 118118206  
Conc: 54.45 ng/ml



#18 Endrin aldehyde

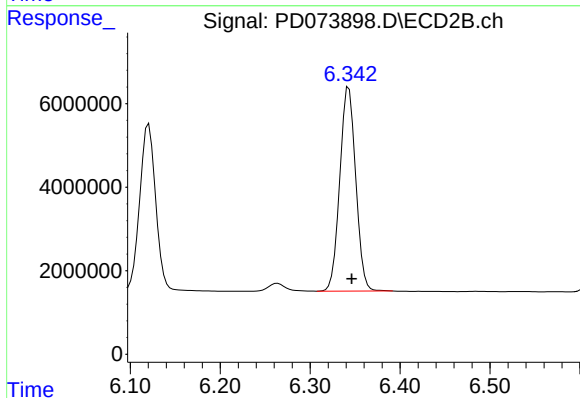
R.T.: 6.121 min  
Delta R.T.: -0.003 min  
Response: 49552534  
Conc: 56.18 ng/ml



#19 Endosulfan Sulfate

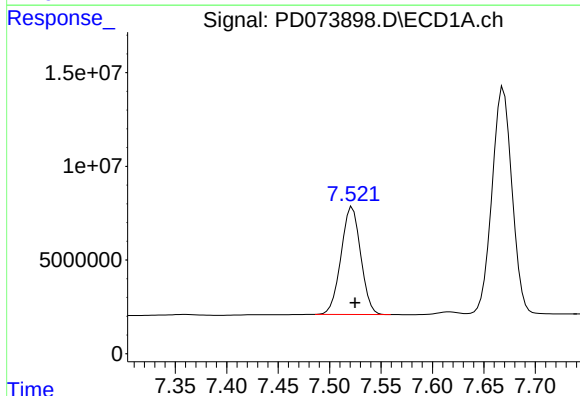
R.T.: 7.182 min  
Delta R.T.: -0.003 min  
Response: 143273051  
Conc: 53.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



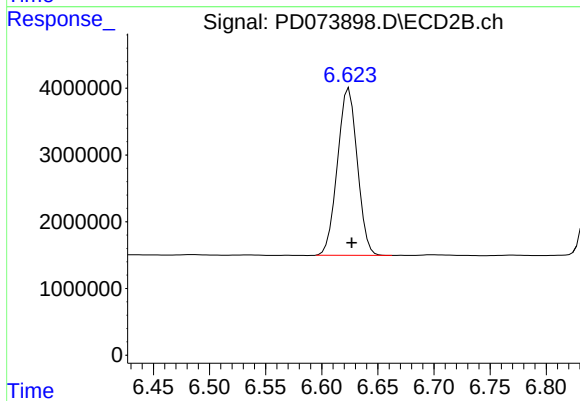
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.003 min  
Response: 60219738  
Conc: 53.50 ng/ml



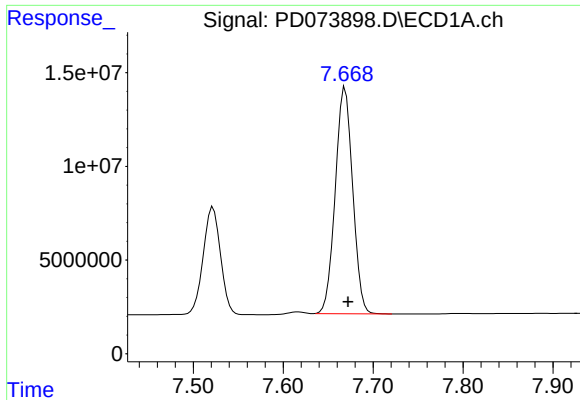
#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: -0.003 min  
Response: 76469271  
Conc: 49.36 ng/ml



#20 Methoxychlor

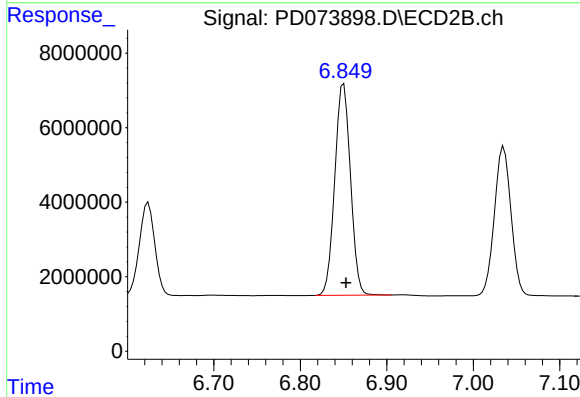
R.T.: 6.624 min  
Delta R.T.: -0.002 min  
Response: 30856799  
Conc: 58.95 ng/ml



#21 Endrin ketone

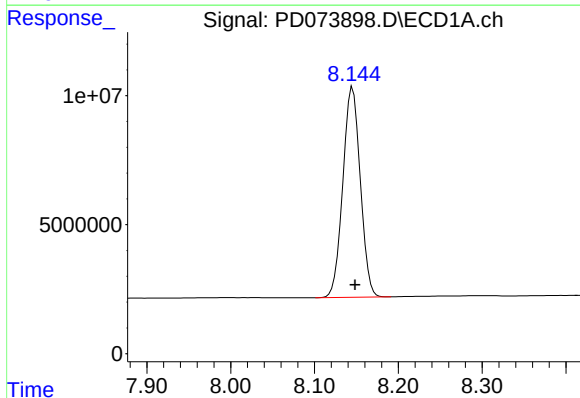
R.T.: 7.669 min  
Delta R.T.: -0.003 min  
Response: 162550526  
Conc: 53.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



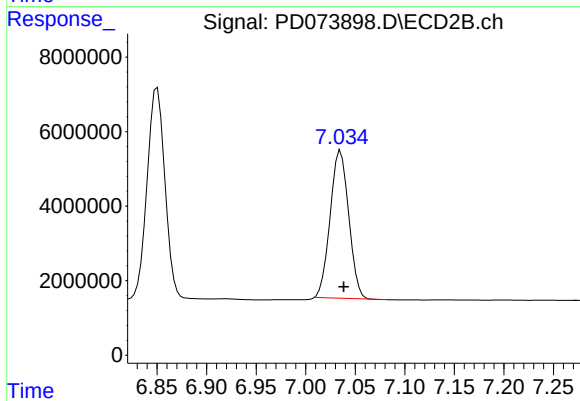
#21 Endrin ketone

R.T.: 6.850 min  
Delta R.T.: -0.003 min  
Response: 71292436  
Conc: 55.64 ng/ml



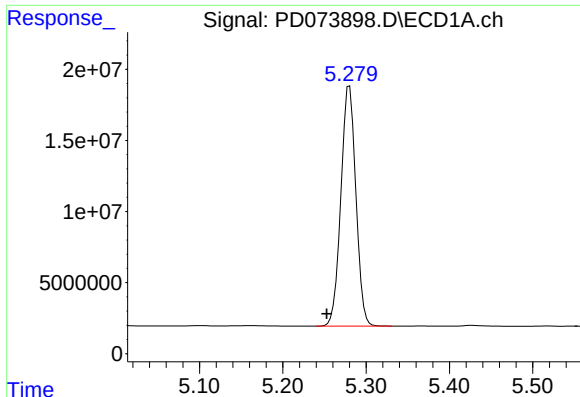
#22 Mirex

R.T.: 8.146 min  
Delta R.T.: -0.003 min  
Response: 118037694  
Conc: 51.37 ng/ml



#22 Mirex

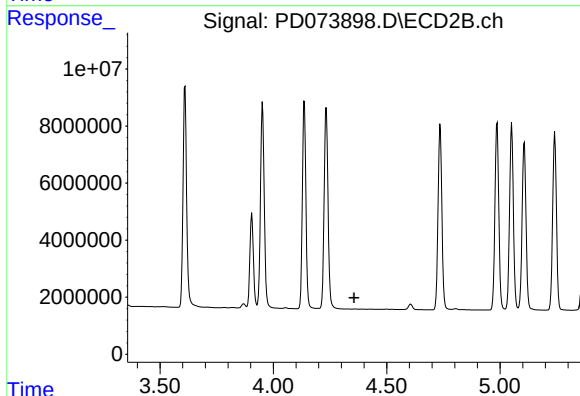
R.T.: 7.035 min  
Delta R.T.: -0.003 min  
Response: 51541362  
Conc: 49.08 ng/ml



#24 Chlordane-2

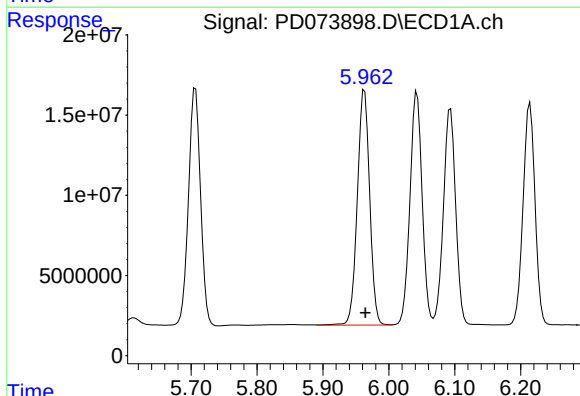
R.T.: 5.280 min  
Delta R.T.: 0.027 min  
Response: 210780716  
Conc: 1666.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



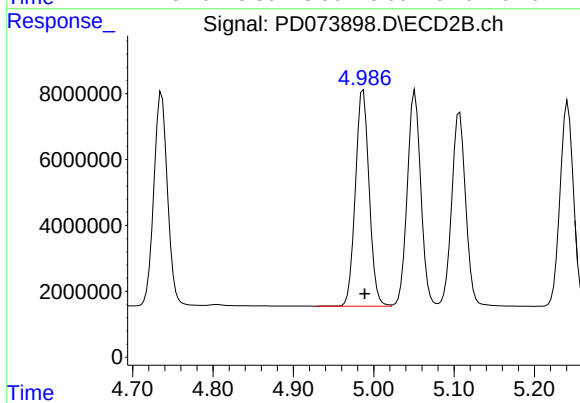
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.357 min  
Response: 0  
Conc: N.D.



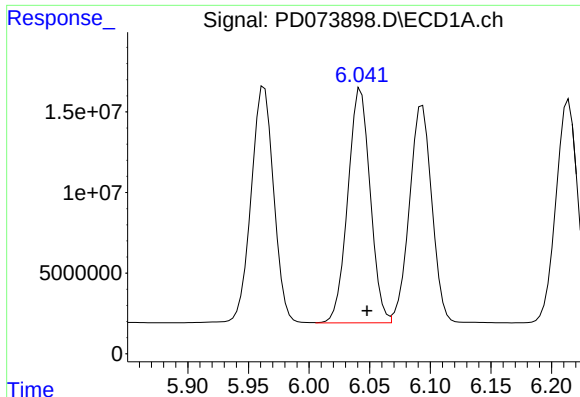
#25 Chlordane-3

R.T.: 5.963 min  
Delta R.T.: -0.002 min  
Response: 191186040  
Conc: 408.35 ng/ml



#25 Chlordane-3

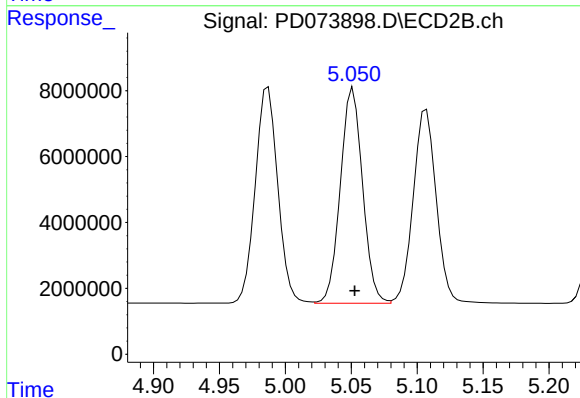
R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 78097942  
Conc: 540.98 ng/ml



#26 Chlordane-4

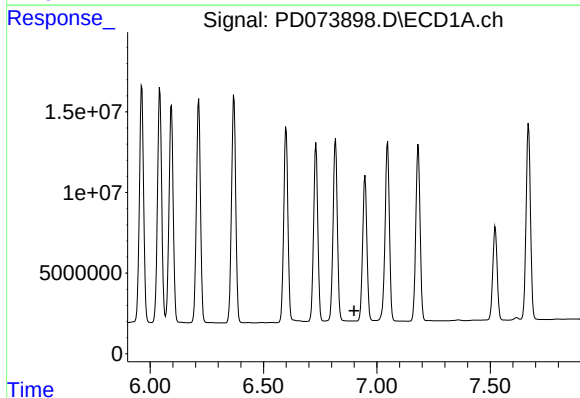
R.T.: 6.043 min  
Delta R.T.: -0.005 min  
Response: 186689189  
Conc: 326.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



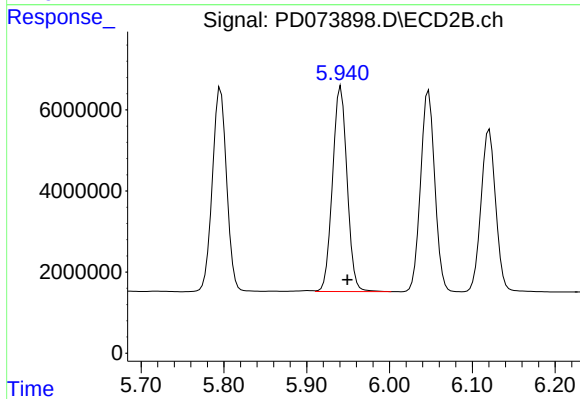
#26 Chlordane-4

R.T.: 5.051 min  
Delta R.T.: -0.001 min  
Response: 76549953  
Conc: 549.17 ng/ml



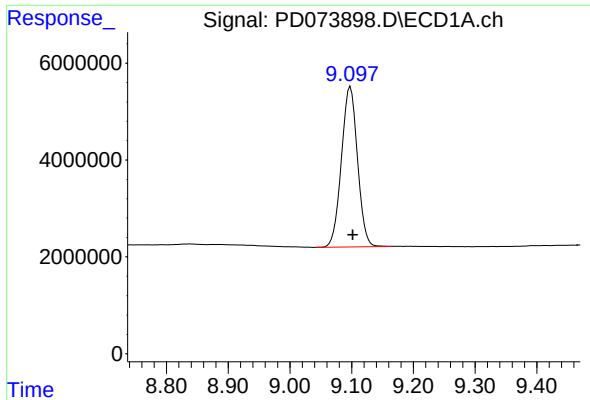
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.900 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

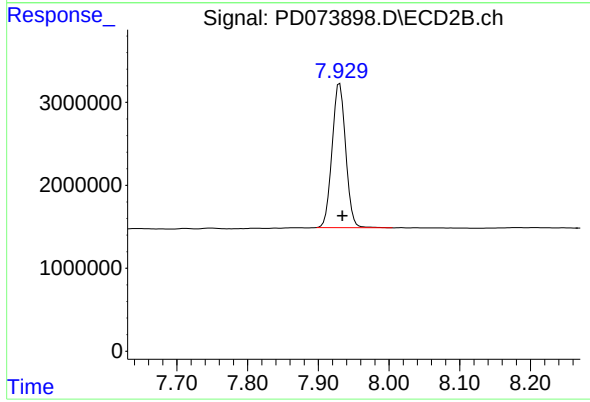
R.T.: 5.941 min  
Delta R.T.: -0.008 min  
Response: 61730534  
Conc: 1228.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: -0.004 min  
Response: 59891035  
Conc: 21.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.930 min  
Delta R.T.: -0.004 min  
Response: 23204745  
Conc: 19.94 ng/ml