

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020823\  
 Data File : PD073849.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2023 15:57  
 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: Feb 08 01:48:13 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... | 3.558 | 2.775 | 105.0E6  | 58071553 | 44.933  | 45.615     |
| 28)                         | SA Decachlor... | 9.103 | 7.932 | 129.3E6  | 58999730 | 45.876  | 50.710     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.015 | 3.279 | 189.3E6  | 89780368 | 47.652  | 52.693     |
| 3)                          | MA gamma-BHC... | 4.348 | 3.609 | 172.0E6  | 82435887 | 46.836  | 54.805     |
| 4)                          | MA Heptachlor   | 4.941 | 3.952 | 173.6E6  | 77922024 | 46.751  | 58.191     |
| 5)                          | MB Aldrin       | 5.284 | 4.233 | 167.4E6  | 82083251 | 46.437  | 50.818     |
| 6)                          | B beta-BHC      | 4.541 | 3.905 | 69744418 | 35214777 | 44.958  | 53.137     |
| 7)                          | B delta-BHC     | 4.791 | 4.136 | 149.0E6  | 82398593 | 44.287  | 53.907     |
| 8)                          | B Heptachlo...  | 5.711 | 4.736 | 130.1E6  | 73593651 | 40.761  | 54.694 #   |
| 9)                          | A Endosulfan I  | 6.098 | 5.107 | 142.5E6  | 70332189 | 46.420  | 52.309     |
| 10)                         | B gamma-Chl...  | 5.967 | 4.987 | 155.4E6  | 76067022 | 47.203  | 51.397     |
| 11)                         | B alpha-Chl...  | 6.047 | 5.051 | 153.4E6  | 75608536 | 46.513  | 50.833     |
| 12)                         | B 4,4'-DDE      | 6.218 | 5.242 | 142.3E6  | 69943997 | 47.103  | 52.419     |
| 13)                         | MA Dieldrin     | 6.373 | 5.373 | 150.5E6  | 73404397 | 47.216  | 55.999     |
| 14)                         | MA Endrin       | 6.603 | 5.648 | 127.8E6  | 63238459 | 47.137  | 56.868     |
| 15)                         | B Endosulfa...  | 6.821 | 5.941 | 125.7E6  | 60323174 | 47.451  | 51.796     |
| 16)                         | A 4,4'-DDD      | 6.735 | 5.796 | 116.8E6  | 56803060 | 47.362  | 55.129     |
| 17)                         | MA 4,4'-DDT     | 7.051 | 6.048 | 131.9E6  | 59143478 | 47.375  | 57.418     |
| 18)                         | B Endrin al...  | 6.951 | 6.121 | 99152538 | 47602894 | 45.707  | 53.972     |
| 19)                         | B Endosulfa...  | 7.187 | 6.344 | 125.1E6  | 59636573 | 46.737  | 52.979     |
| 20)                         | A Methoxychlor  | 7.526 | 6.624 | 71239702 | 29793187 | 45.987  | 56.922     |
| 21)                         | B Endrin ke...  | 7.673 | 6.851 | 141.8E6  | 71230335 | 46.898  | 55.594     |
| 22)                         | Mirex           | 8.150 | 7.036 | 104.7E6  | 54611021 | 45.560  | 51.999     |
| 25)                         | Chlordane-3     | 5.967 | 4.987 | 155.4E6  | 76067022 | 331.935 | 526.911 #  |
| 26)                         | Chlordane-4     | 6.047 | 5.051 | 153.4E6  | 75608536 | 268.053 | 542.421 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.941 | 0        | 60323174 | N.D.    | 1200.452 # |
| -----                       |                 |       |       |          |          |         |            |

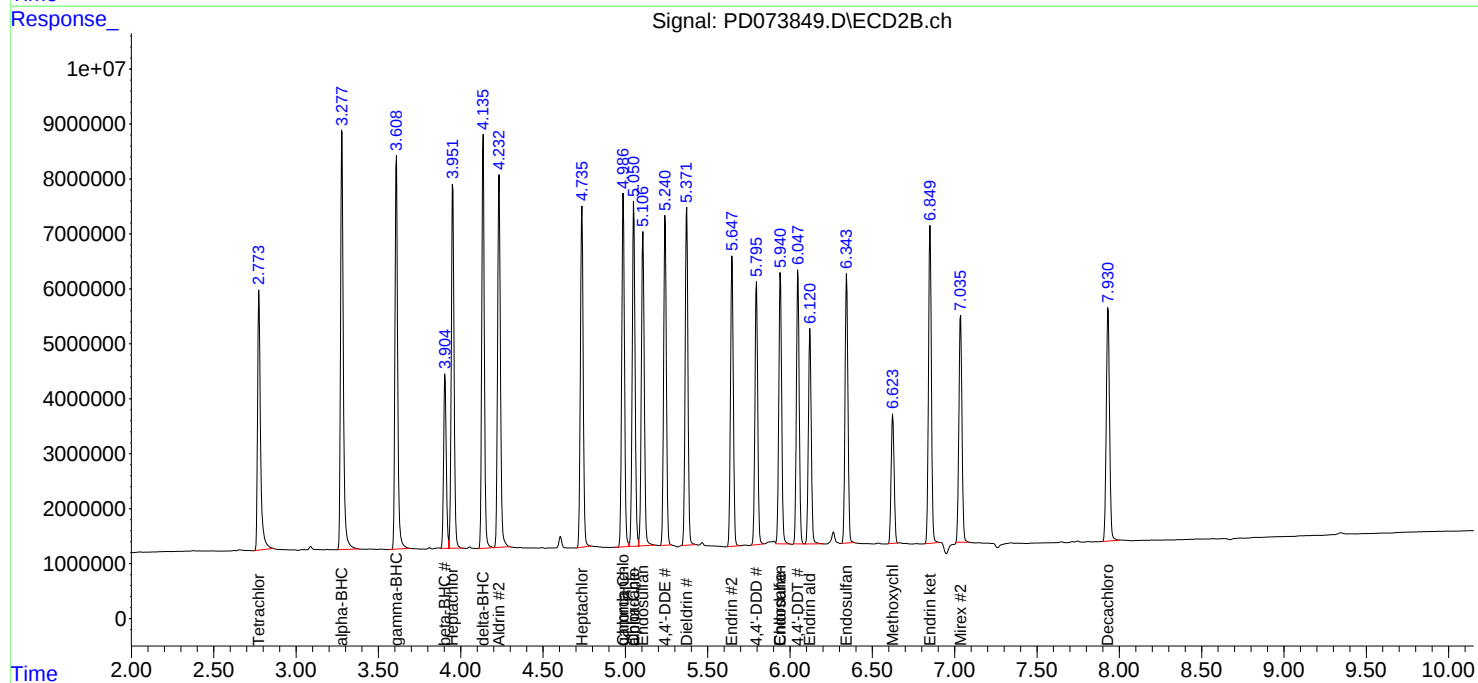
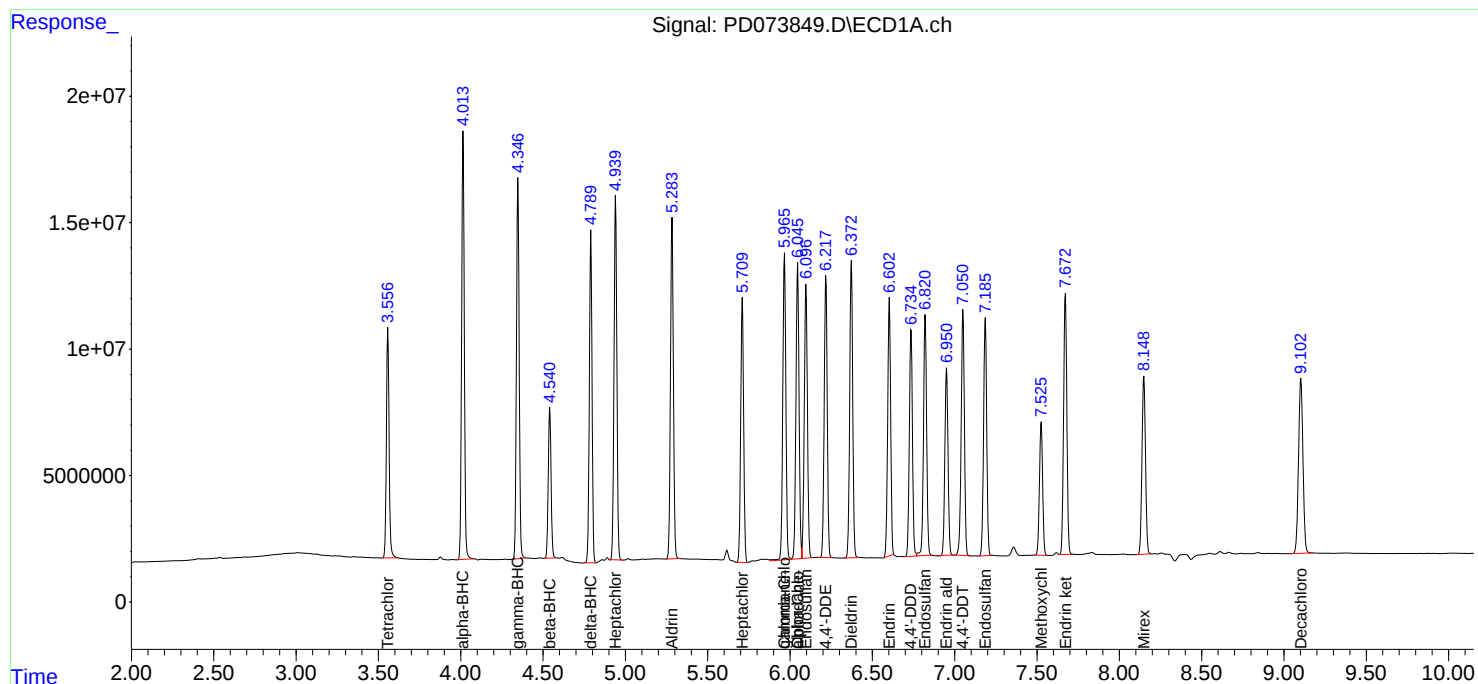
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

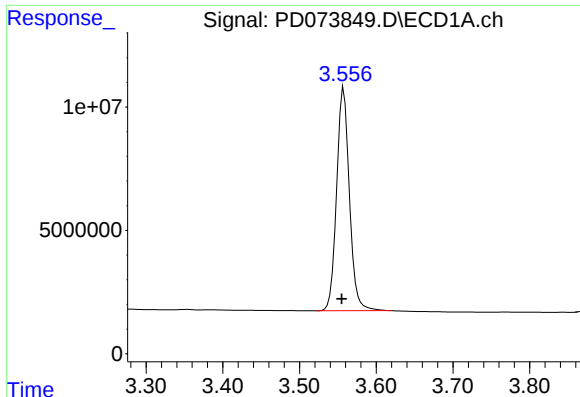
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020823\  
Data File : PD073849.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Feb 2023 15:57  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 08 01:48:13 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011823.M  
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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

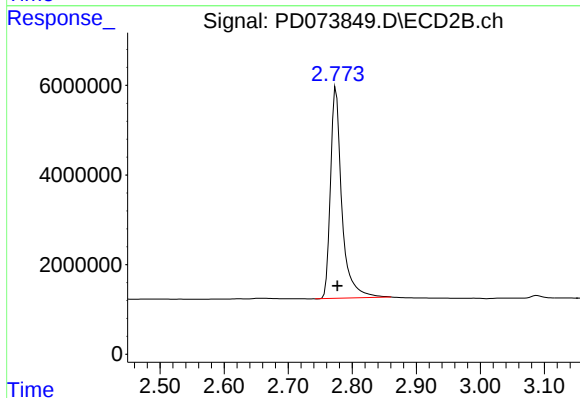




#1 Tetrachloro-m-xylene

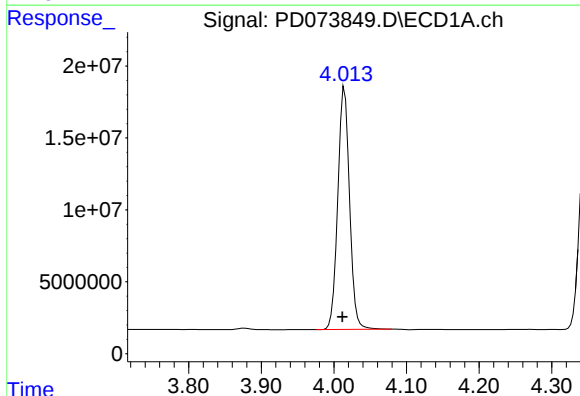
R.T.: 3.558 min  
Delta R.T.: 0.003 min  
Response: 105031724  
Conc: 44.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



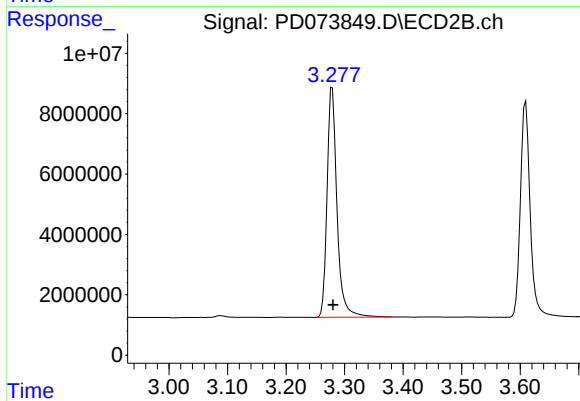
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.002 min  
Response: 58071553  
Conc: 45.62 ng/ml



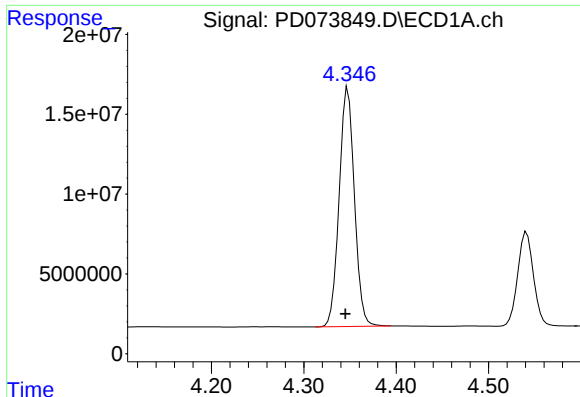
#2 alpha-BHC

R.T.: 4.015 min  
Delta R.T.: 0.003 min  
Response: 189264954  
Conc: 47.65 ng/ml



#2 alpha-BHC

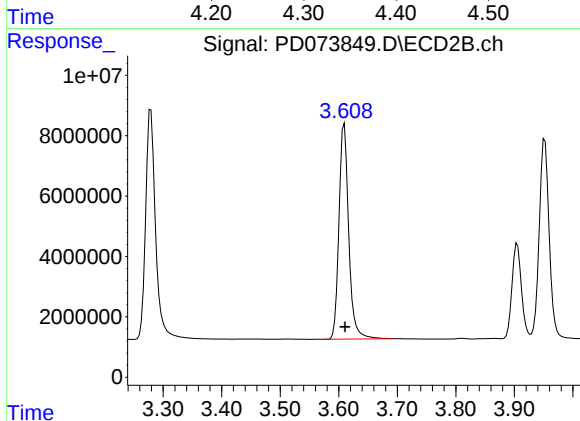
R.T.: 3.279 min  
Delta R.T.: -0.002 min  
Response: 89780368  
Conc: 52.69 ng/ml



#3 gamma-BHC (Lindane)

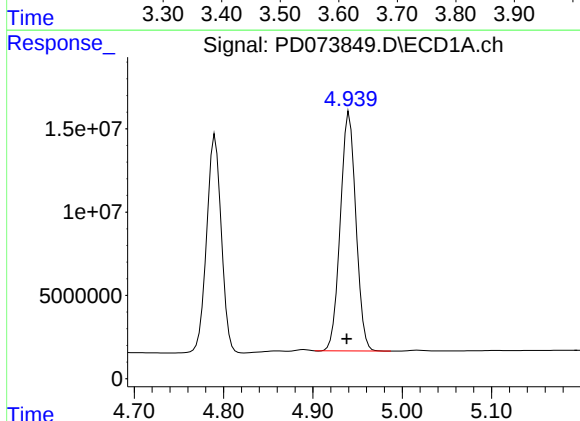
R.T.: 4.348 min  
Delta R.T.: 0.003 min  
Response: 171960684  
Conc: 46.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



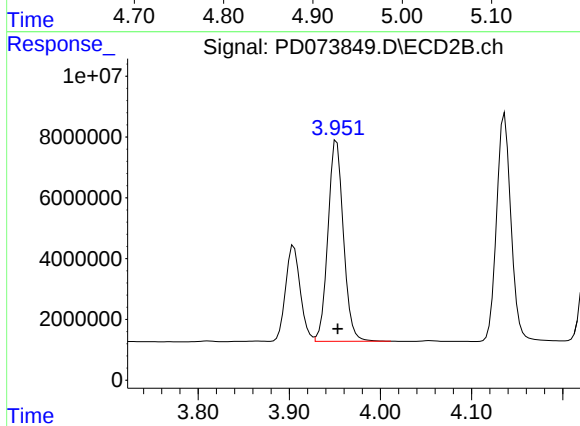
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: -0.001 min  
Response: 82435887  
Conc: 54.80 ng/ml



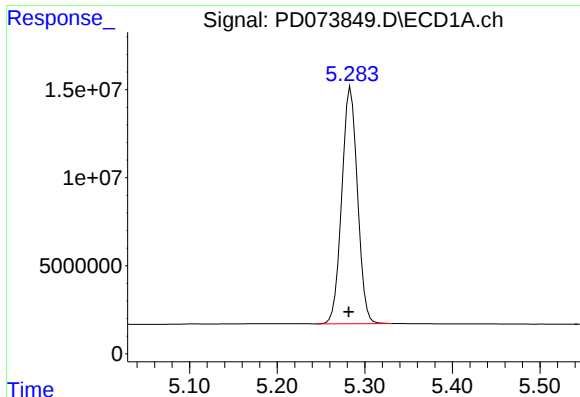
#4 Heptachlor

R.T.: 4.941 min  
Delta R.T.: 0.003 min  
Response: 173603877  
Conc: 46.75 ng/ml



#4 Heptachlor

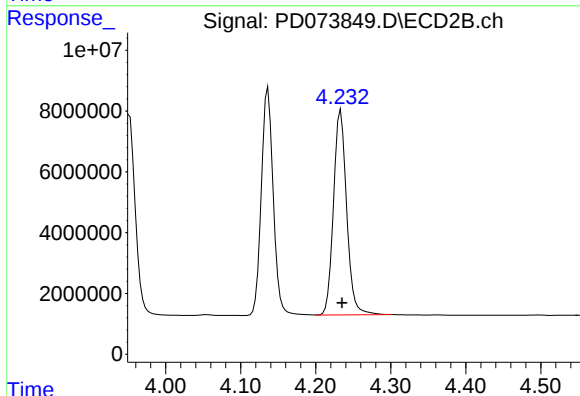
R.T.: 3.952 min  
Delta R.T.: -0.001 min  
Response: 77922024  
Conc: 58.19 ng/ml



#5 Aldrin

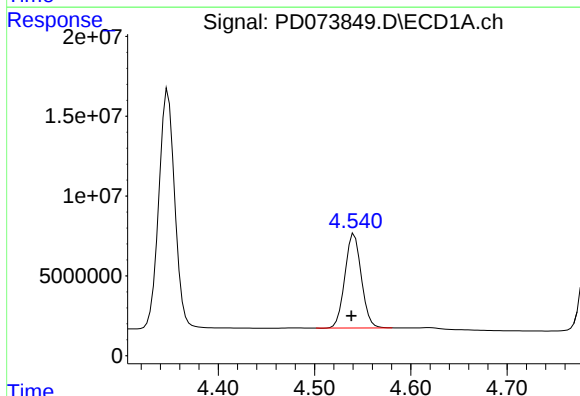
R.T.: 5.284 min  
Delta R.T.: 0.002 min  
Response: 167394287  
Conc: 46.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



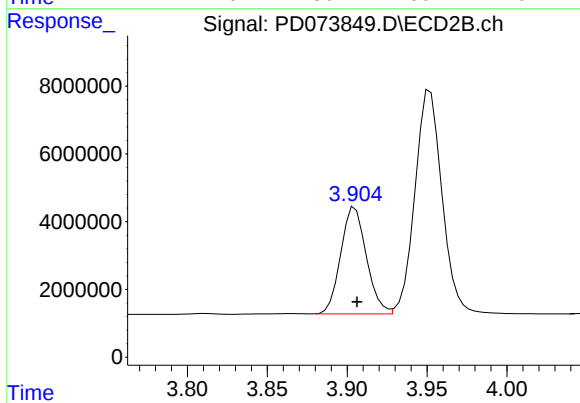
#5 Aldrin

R.T.: 4.233 min  
Delta R.T.: -0.002 min  
Response: 82083251  
Conc: 50.82 ng/ml



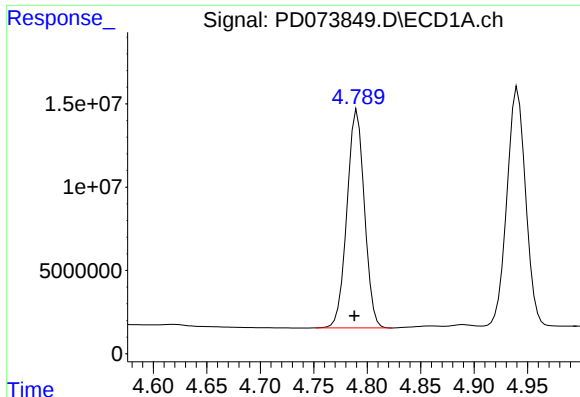
#6 beta-BHC

R.T.: 4.541 min  
Delta R.T.: 0.003 min  
Response: 69744418  
Conc: 44.96 ng/ml



#6 beta-BHC

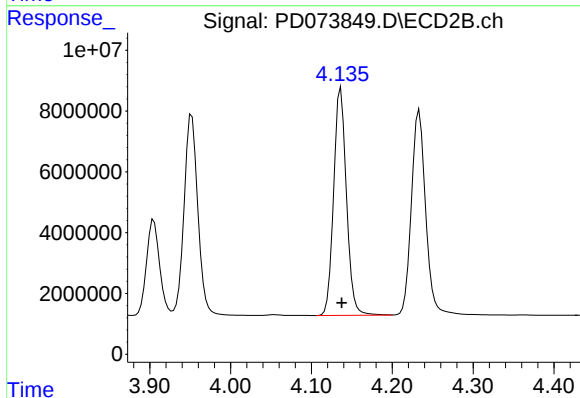
R.T.: 3.905 min  
Delta R.T.: -0.001 min  
Response: 35214777  
Conc: 53.14 ng/ml



#7 delta-BHC

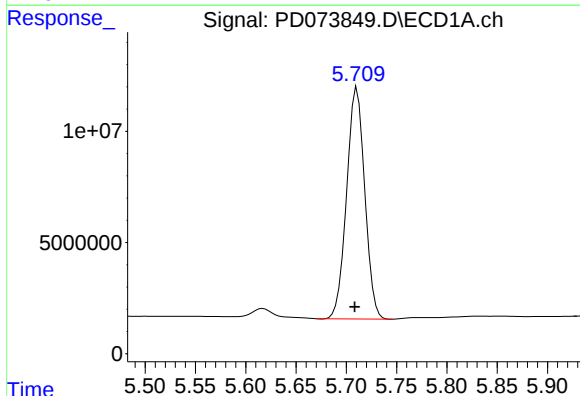
R.T.: 4.791 min  
Delta R.T.: 0.003 min  
Response: 149030091  
Conc: 44.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



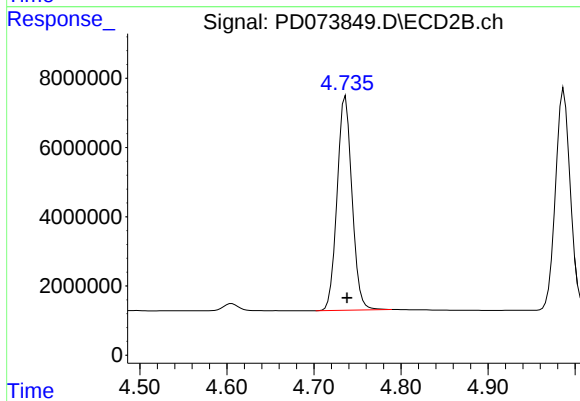
#7 delta-BHC

R.T.: 4.136 min  
Delta R.T.: -0.001 min  
Response: 82398593  
Conc: 53.91 ng/ml



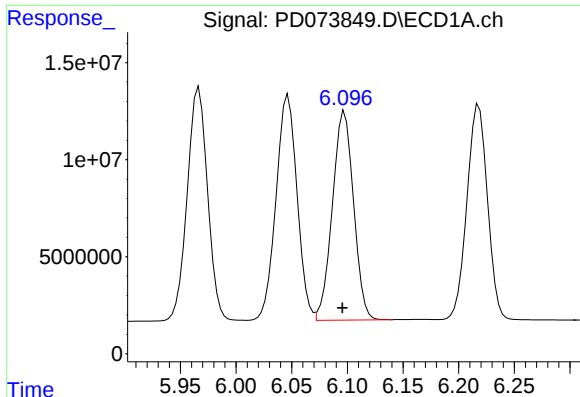
#8 Heptachlor epoxide

R.T.: 5.711 min  
Delta R.T.: 0.002 min  
Response: 130084097  
Conc: 40.76 ng/ml



#8 Heptachlor epoxide

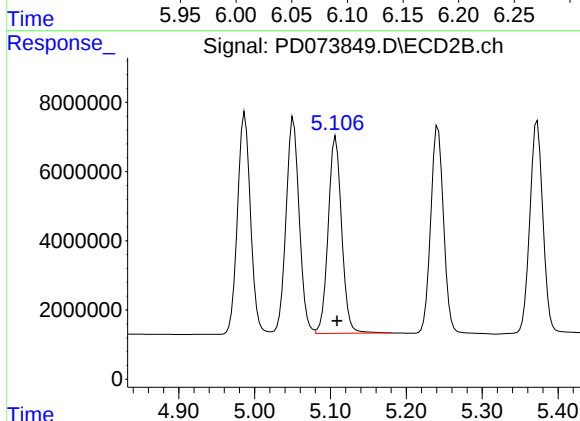
R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 73593651  
Conc: 54.69 ng/ml



#9 Endosulfan I

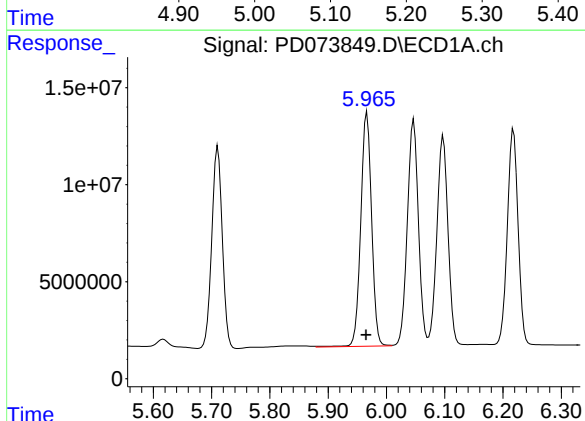
R.T.: 6.098 min  
Delta R.T.: 0.002 min  
Response: 142540829  
Conc: 46.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



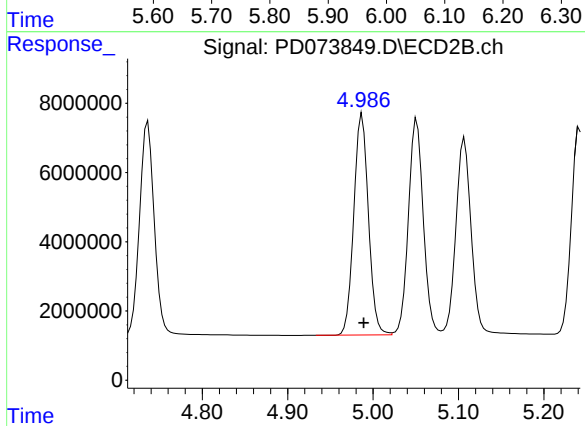
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 70332189  
Conc: 52.31 ng/ml



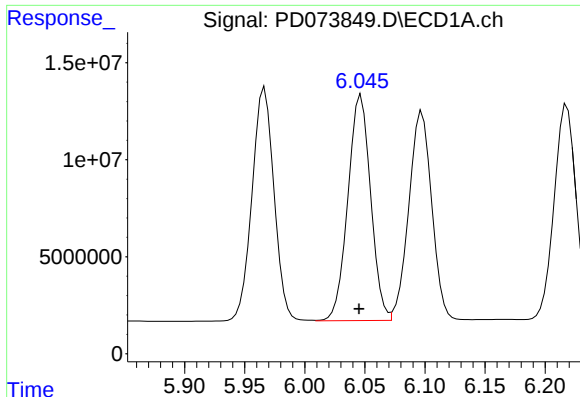
#10 gamma-Chlordane

R.T.: 5.967 min  
Delta R.T.: 0.002 min  
Response: 155410613  
Conc: 47.20 ng/ml



#10 gamma-Chlordane

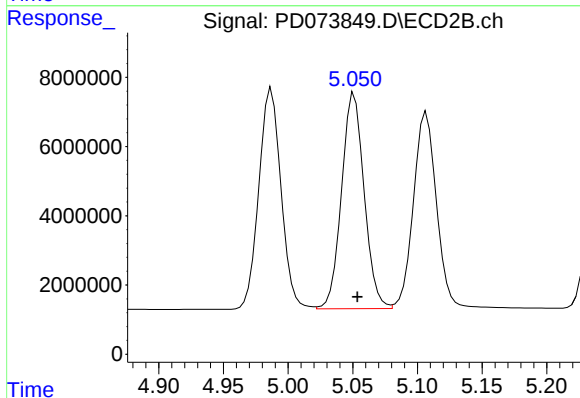
R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 76067022  
Conc: 51.40 ng/ml



#11 alpha-Chlordane

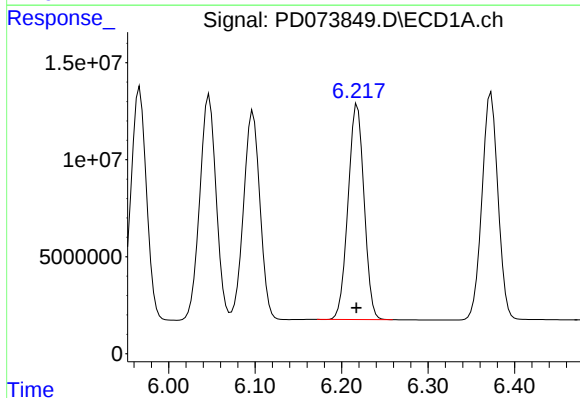
R.T.: 6.047 min  
Delta R.T.: 0.002 min  
Response: 153438385  
Conc: 46.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



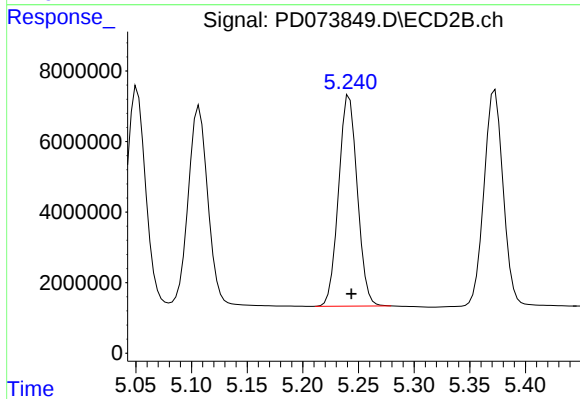
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 75608536  
Conc: 50.83 ng/ml



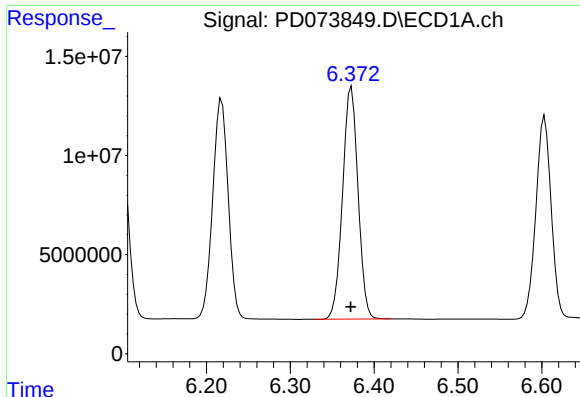
#12 4,4'-DDE

R.T.: 6.218 min  
Delta R.T.: 0.001 min  
Response: 142267230  
Conc: 47.10 ng/ml



#12 4,4'-DDE

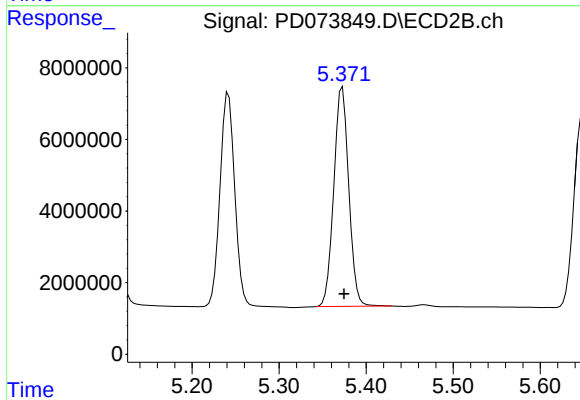
R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 69943997  
Conc: 52.42 ng/ml



#13 Dieldrin

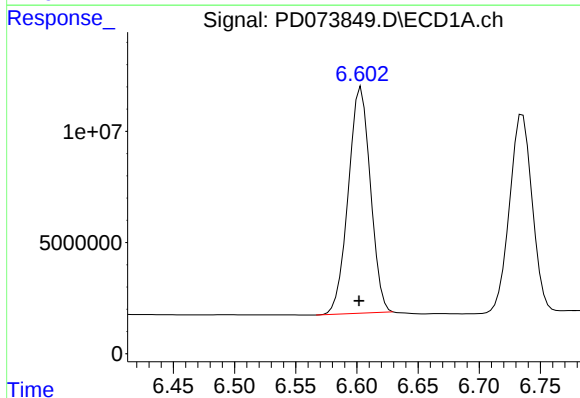
R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 150548197  
Conc: 47.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



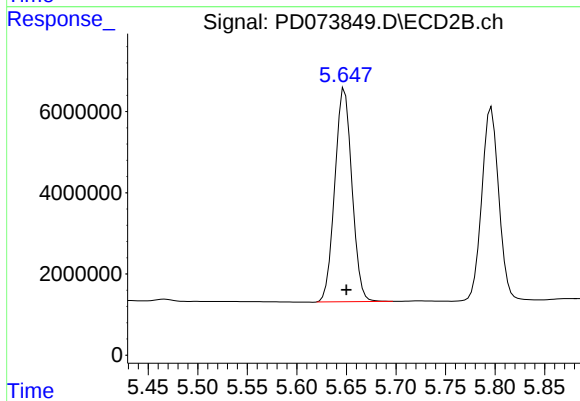
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: -0.002 min  
Response: 73404397  
Conc: 56.00 ng/ml



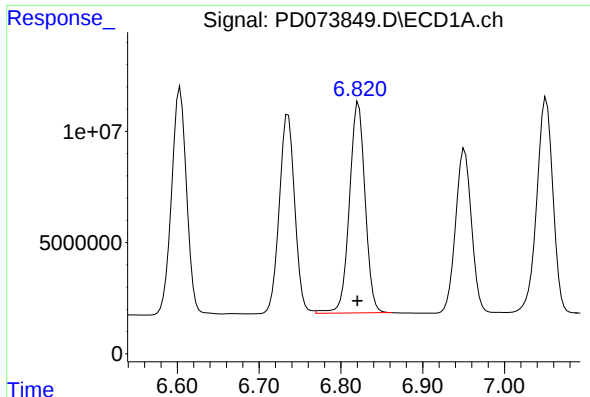
#14 Endrin

R.T.: 6.603 min  
Delta R.T.: 0.002 min  
Response: 127789756  
Conc: 47.14 ng/ml



#14 Endrin

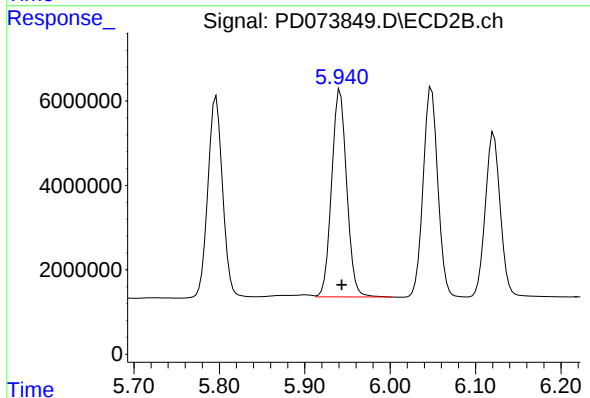
R.T.: 5.648 min  
Delta R.T.: -0.002 min  
Response: 63238459  
Conc: 56.87 ng/ml



#15 Endosulfan II

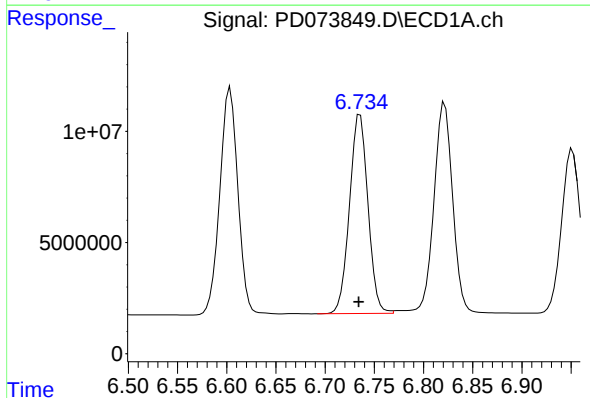
R.T.: 6.821 min  
Delta R.T.: 0.001 min  
Response: 125655824  
Conc: 47.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



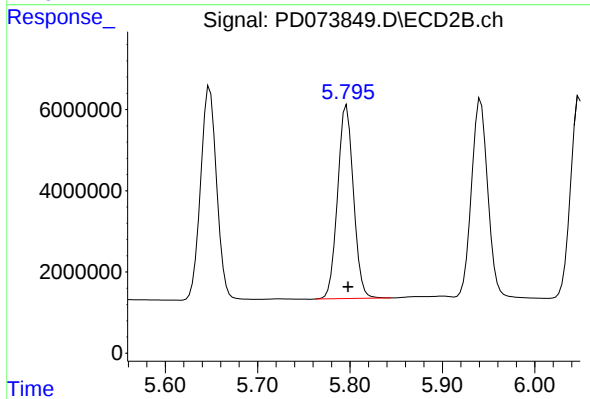
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 60323174  
Conc: 51.80 ng/ml



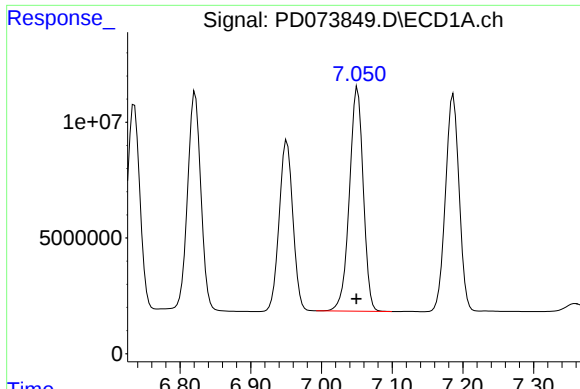
#16 4,4'-DDD

R.T.: 6.735 min  
Delta R.T.: 0.001 min  
Response: 116809949  
Conc: 47.36 ng/ml



#16 4,4'-DDD

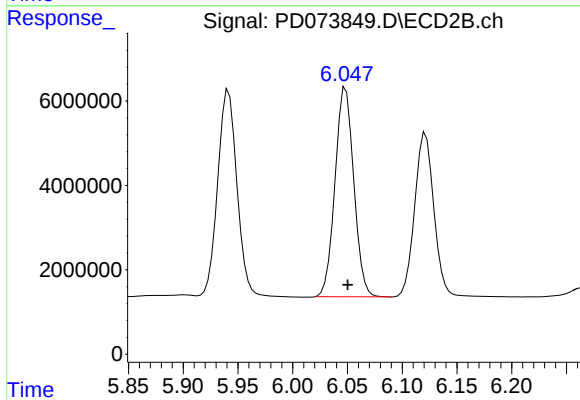
R.T.: 5.796 min  
Delta R.T.: -0.002 min  
Response: 56803060  
Conc: 55.13 ng/ml



#17 4,4'-DDT

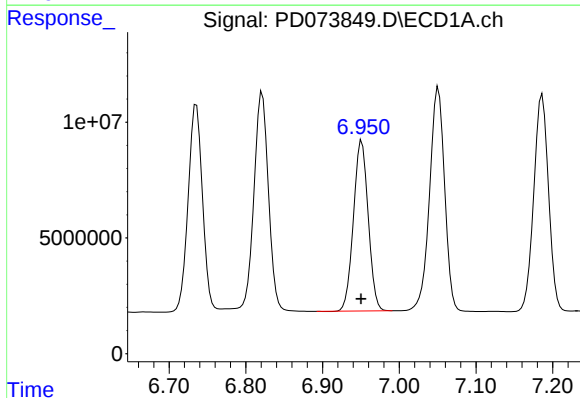
R.T.: 7.051 min  
Delta R.T.: 0.002 min  
Response: 131896456  
Conc: 47.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



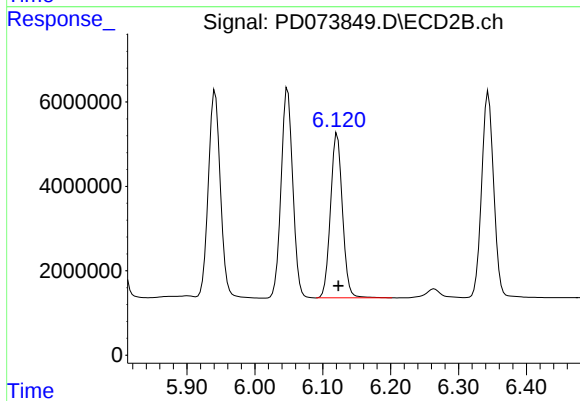
#17 4,4'-DDT

R.T.: 6.048 min  
Delta R.T.: -0.002 min  
Response: 59143478  
Conc: 57.42 ng/ml



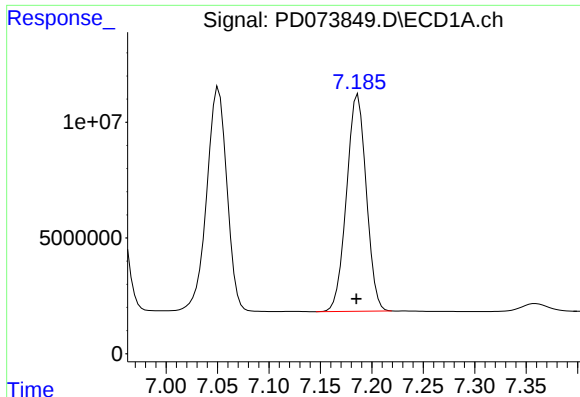
#18 Endrin aldehyde

R.T.: 6.951 min  
Delta R.T.: 0.001 min  
Response: 99152538  
Conc: 45.71 ng/ml



#18 Endrin aldehyde

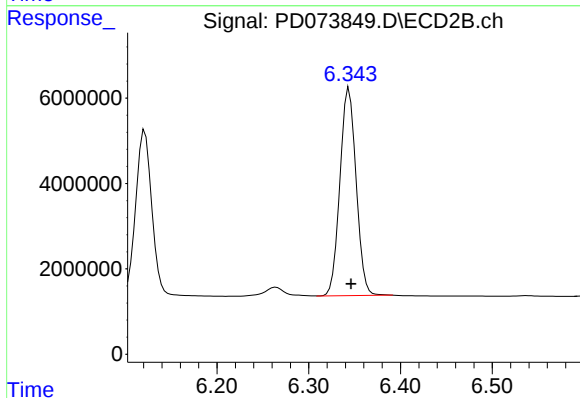
R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 47602894  
Conc: 53.97 ng/ml



#19 Endosulfan Sulfate

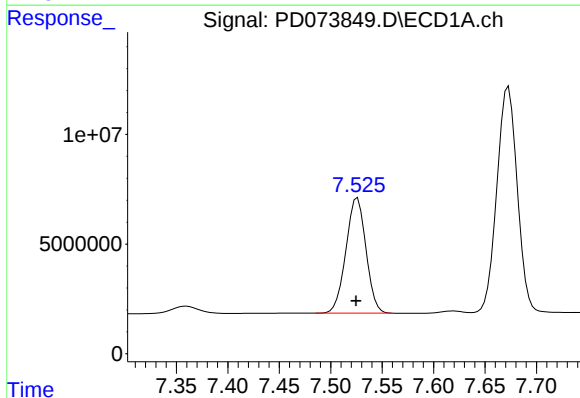
R.T.: 7.187 min  
Delta R.T.: 0.001 min  
Response: 125141682  
Conc: 46.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



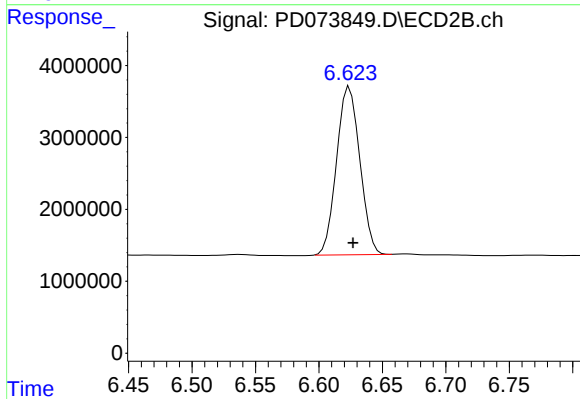
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: -0.002 min  
Response: 59636573  
Conc: 52.98 ng/ml



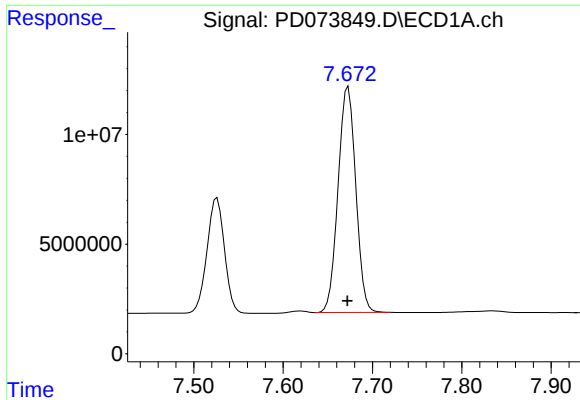
#20 Methoxychlor

R.T.: 7.526 min  
Delta R.T.: 0.001 min  
Response: 71239702  
Conc: 45.99 ng/ml



#20 Methoxychlor

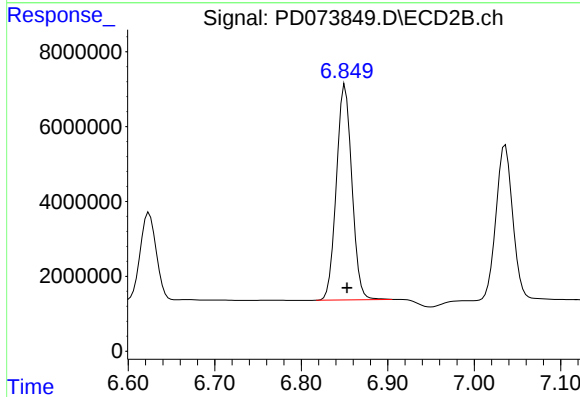
R.T.: 6.624 min  
Delta R.T.: -0.003 min  
Response: 29793187  
Conc: 56.92 ng/ml



#21 Endrin ketone

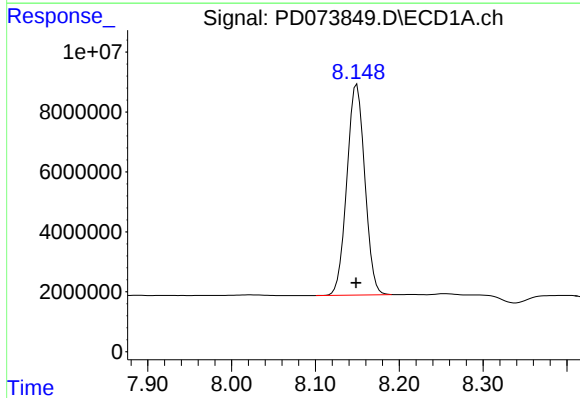
R.T.: 7.673 min  
Delta R.T.: 0.000 min  
Response: 141814407  
Conc: 46.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



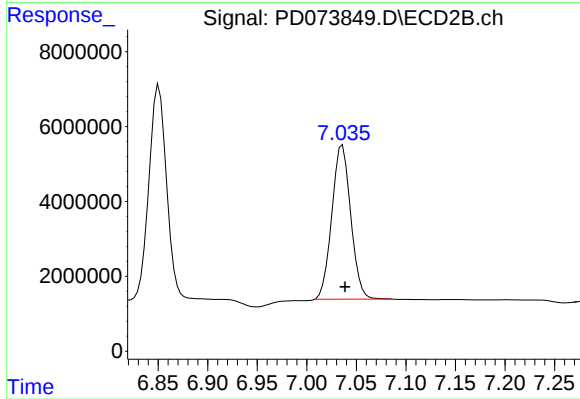
#21 Endrin ketone

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 71230335  
Conc: 55.59 ng/ml



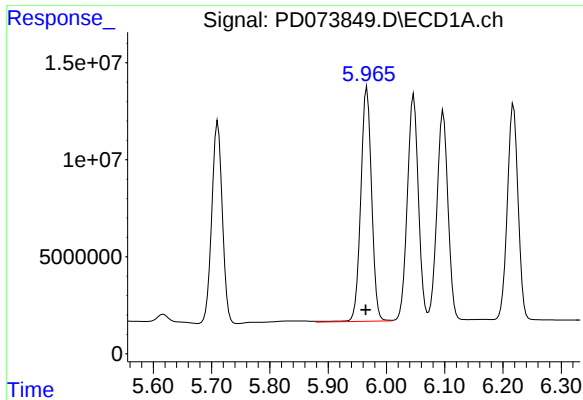
#22 Mirex

R.T.: 8.150 min  
Delta R.T.: 0.000 min  
Response: 104689747  
Conc: 45.56 ng/ml



#22 Mirex

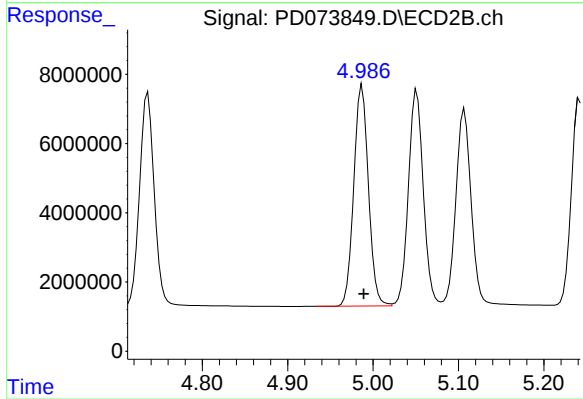
R.T.: 7.036 min  
Delta R.T.: -0.002 min  
Response: 54611021  
Conc: 52.00 ng/ml



#25 Chlordane-3

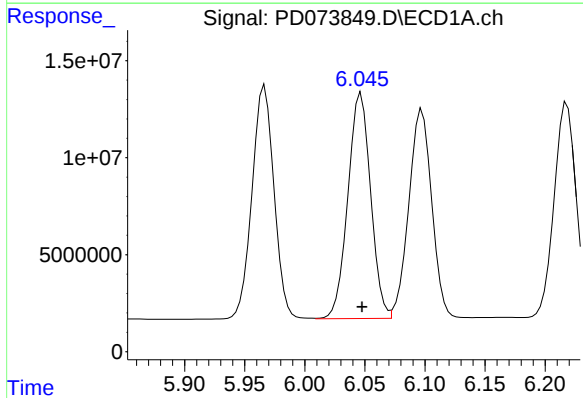
R.T.: 5.967 min  
Delta R.T.: 0.002 min  
Response: 155410613  
Conc: 331.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



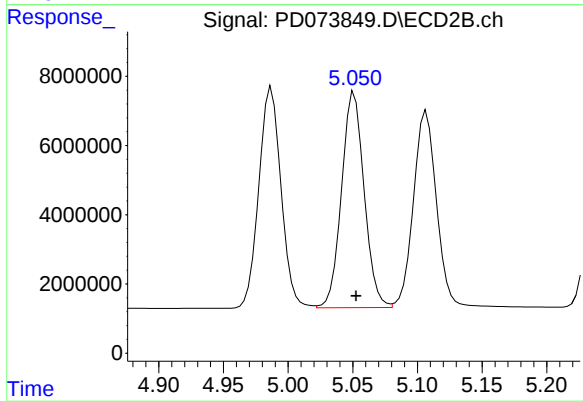
#25 Chlordane-3

R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 76067022  
Conc: 526.91 ng/ml



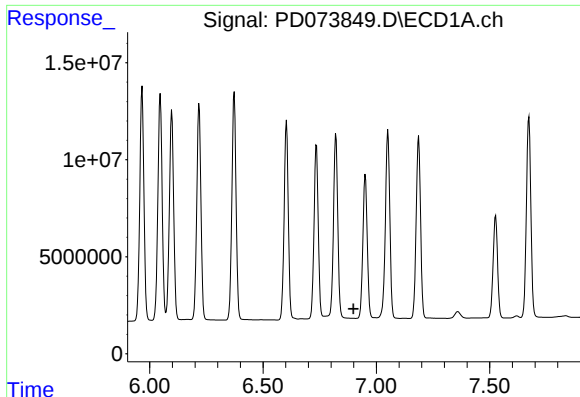
#26 Chlordane-4

R.T.: 6.047 min  
Delta R.T.: -0.001 min  
Response: 153438385  
Conc: 268.05 ng/ml



#26 Chlordane-4

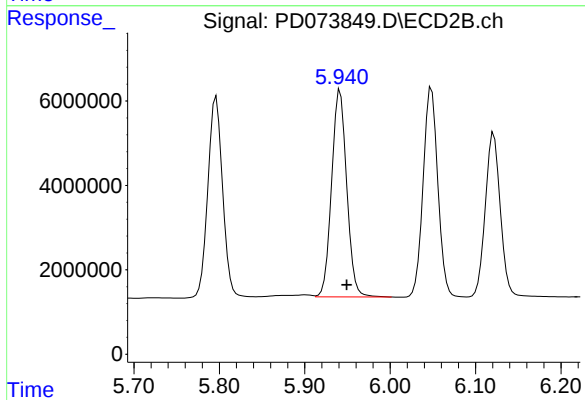
R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 75608536  
Conc: 542.42 ng/ml



#27 Chlordane-5

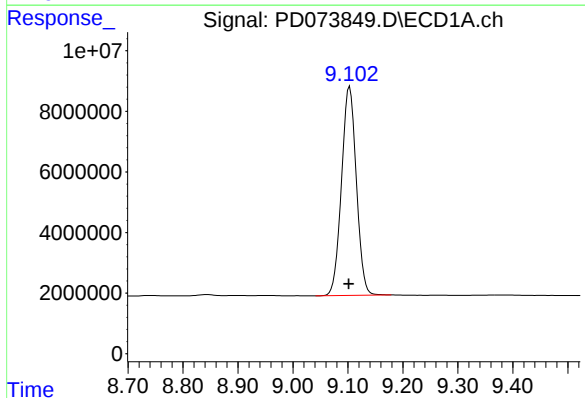
R.T.: 0.000 min  
Exp R.T.: 6.900 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



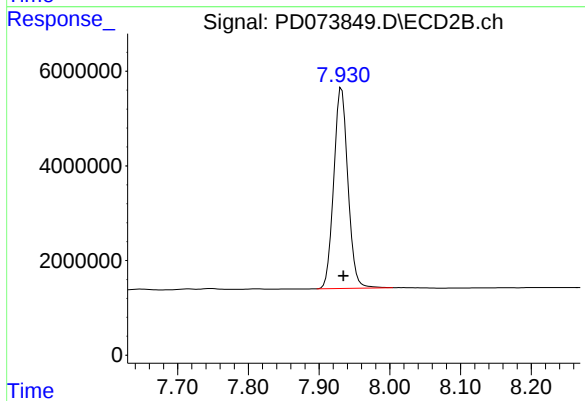
#27 Chlordane-5

R.T.: 5.941 min  
Delta R.T.: -0.008 min  
Response: 60323174  
Conc: 1200.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.103 min  
Delta R.T.: 0.002 min  
Response: 129281787  
Conc: 45.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.003 min  
Response: 58999730  
Conc: 50.71 ng/ml