

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012323\  
 Data File : PD073708.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jan 2023 13:08  
 Operator : AR\AJ  
 Sample : PCTDCCC050  
 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: Jan 23 20:52:40 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... | 3.555 | 2.777 | 120.1E6  | 67042658 | 51.371  | 52.662     |
| 28)                         | SA Decachlor... | 9.105 | 7.936 | 125.7E6  | 54515820 | 44.613  | 46.857     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.012 | 3.281 | 210.9E6  | 100.7E6  | 53.096  | 59.097     |
| 3)                          | MA gamma-BHC... | 4.346 | 3.612 | 190.9E6  | 90118599 | 51.993  | 59.912     |
| 4)                          | MA Heptachlor   | 4.939 | 3.954 | 184.9E6  | 76761875 | 49.805  | 57.324     |
| 5)                          | MB Aldrin       | 5.283 | 4.236 | 183.9E6  | 92350423 | 51.025  | 57.174     |
| 6)                          | B beta-BHC      | 4.539 | 3.907 | 76523850 | 38409211 | 49.328  | 57.957     |
| 7)                          | B delta-BHC     | 4.788 | 4.139 | 161.0E6  | 91172662 | 47.854  | 59.647     |
| 8)                          | B Heptachlo...  | 5.709 | 4.739 | 155.1E6  | 79619332 | 48.606  | 59.172     |
| 9)                          | A Endosulfan I  | 6.096 | 5.110 | 152.4E6  | 76798640 | 49.621  | 57.119     |
| 10)                         | B gamma-Chl...  | 5.965 | 4.990 | 165.9E6  | 83911133 | 50.378  | 56.697     |
| 11)                         | B alpha-Chl...  | 6.046 | 5.055 | 164.0E6  | 82949754 | 49.707  | 55.769     |
| 12)                         | B 4,4'-DDE      | 6.217 | 5.245 | 149.2E6  | 77077053 | 49.413  | 57.764     |
| 13)                         | MA Dieldrin     | 6.373 | 5.376 | 159.2E6  | 78254614 | 49.921  | 59.699     |
| 14)                         | MA Endrin       | 6.603 | 5.651 | 134.1E6  | 64499875 | 49.448  | 58.002     |
| 15)                         | B Endosulfa...  | 6.821 | 5.945 | 128.6E6  | 64706945 | 48.572  | 55.560     |
| 16)                         | A 4,4'-DDD      | 6.735 | 5.800 | 121.6E6  | 60507010 | 49.316  | 58.723     |
| 17)                         | MA 4,4'-DDT     | 7.051 | 6.052 | 132.3E6  | 55871032 | 47.503  | 54.241     |
| 18)                         | B Endrin al...  | 6.951 | 6.125 | 101.8E6  | 50285023 | 46.947  | 57.013     |
| 19)                         | B Endosulfa...  | 7.186 | 6.348 | 128.2E6  | 61462818 | 47.874  | 54.602     |
| 20)                         | A Methoxychlor  | 7.526 | 6.628 | 71091548 | 27346035 | 45.892  | 52.247     |
| 21)                         | B Endrin ke...  | 7.674 | 6.854 | 144.2E6  | 70855862 | 47.688  | 55.301     |
| 22)                         | Mirex           | 8.151 | 7.040 | 105.3E6  | 54597517 | 45.846  | 51.987     |
| 25)                         | Chlordane-3     | 5.965 | 4.990 | 165.9E6  | 83911133 | 354.265 | 581.247 #  |
| 26)                         | Chlordane-4     | 6.046 | 5.055 | 164.0E6  | 82949754 | 286.460 | 595.087 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.945 | 0        | 64706945 | N.D.    | 1287.691 # |
| -----                       |                 |       |       |          |          |         |            |

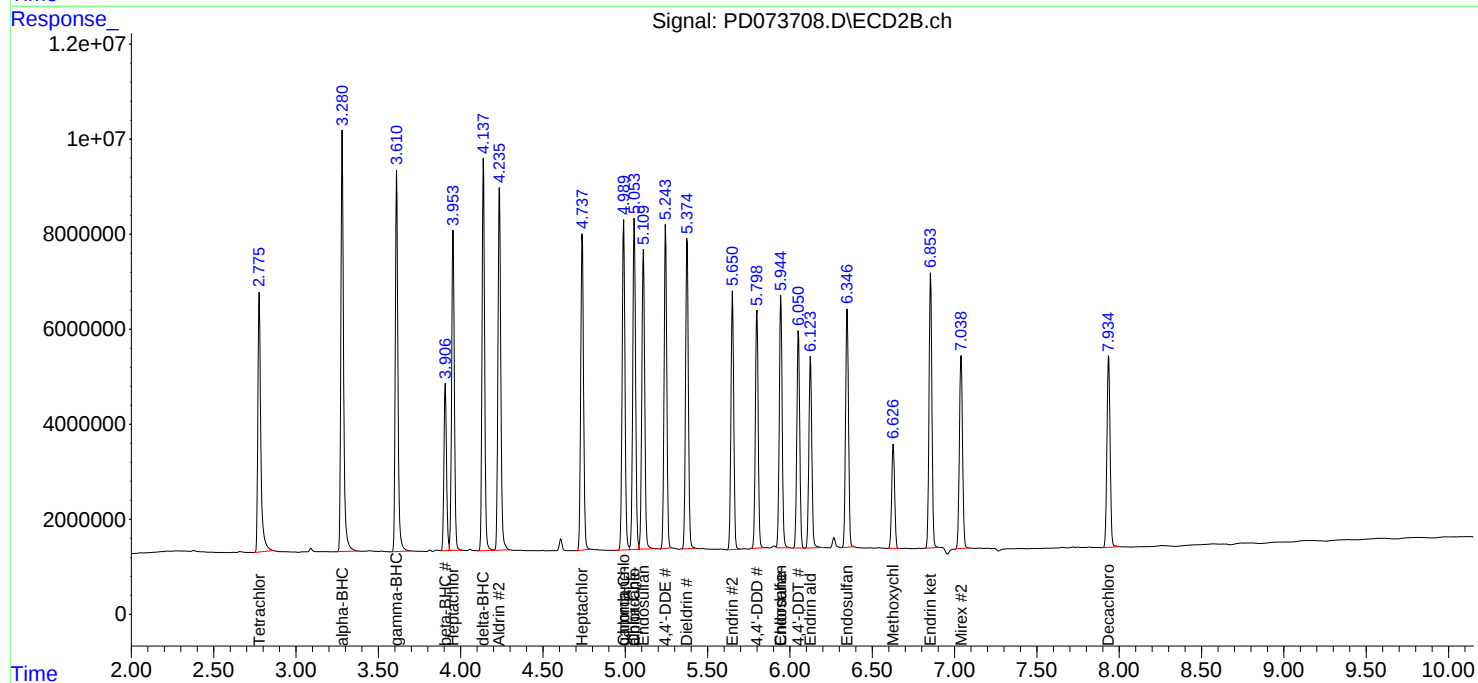
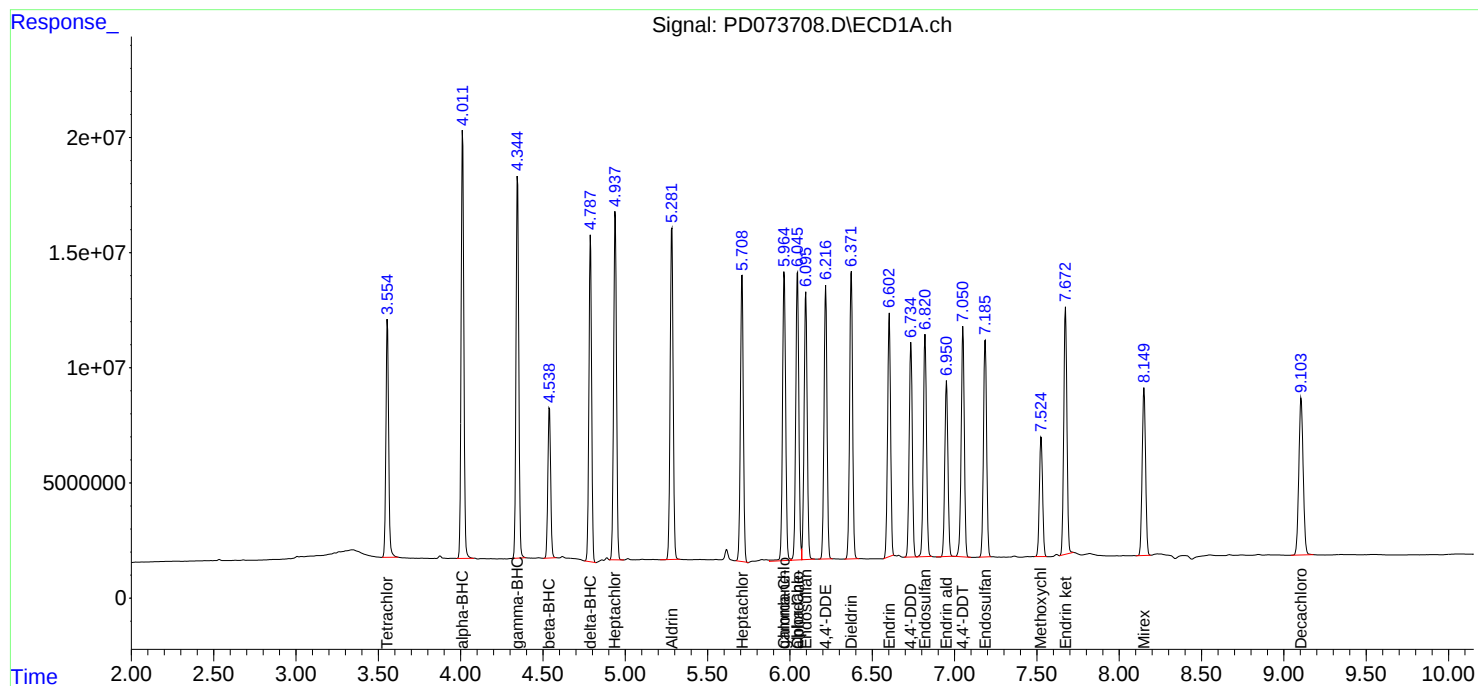
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

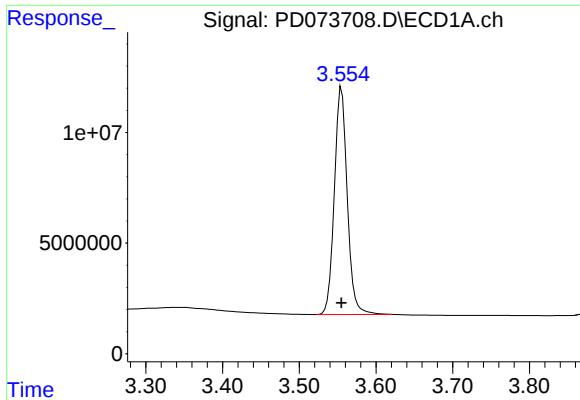
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD012323\  
Data File : PD073708.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jan 2023 13:08  
Operator : AR\AJ  
Sample : PCTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 23 20:52:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011823.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 19 02:45:26 2023  
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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

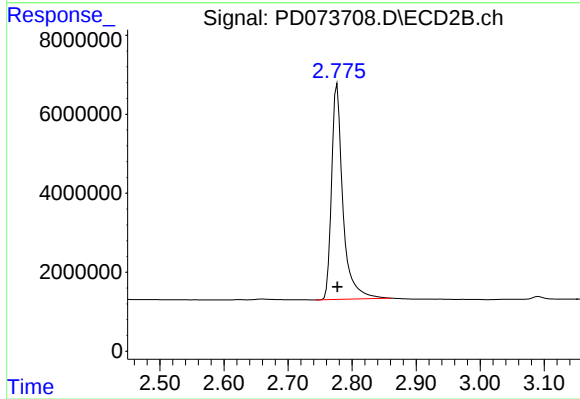




#1 Tetrachloro-m-xylene

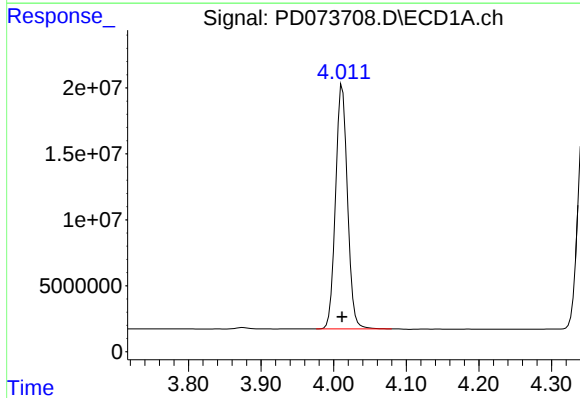
R.T.: 3.555 min  
Delta R.T.: 0.000 min  
Response: 120079890  
Conc: 51.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



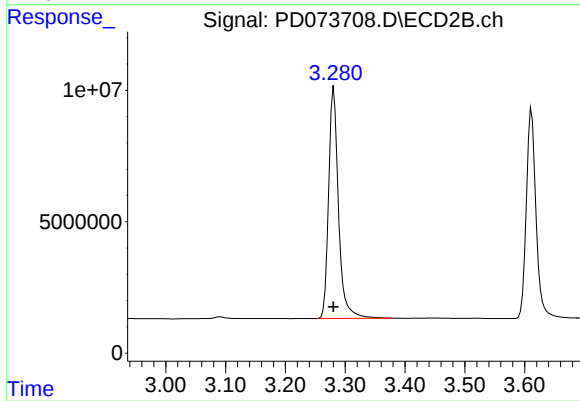
#1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 67042658  
Conc: 52.66 ng/ml



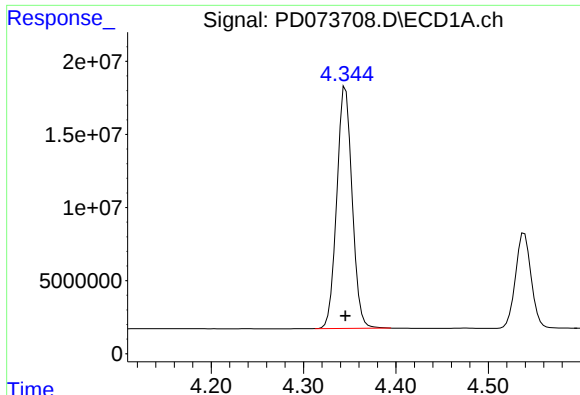
#2 alpha-BHC

R.T.: 4.012 min  
Delta R.T.: 0.000 min  
Response: 210886522  
Conc: 53.10 ng/ml



#2 alpha-BHC

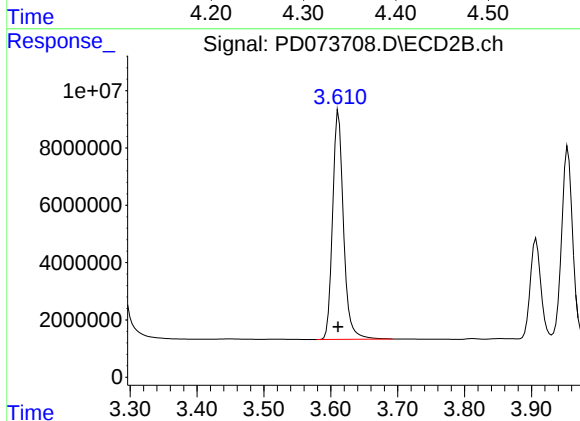
R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 100691291  
Conc: 59.10 ng/ml



#3 gamma-BHC (Lindane)

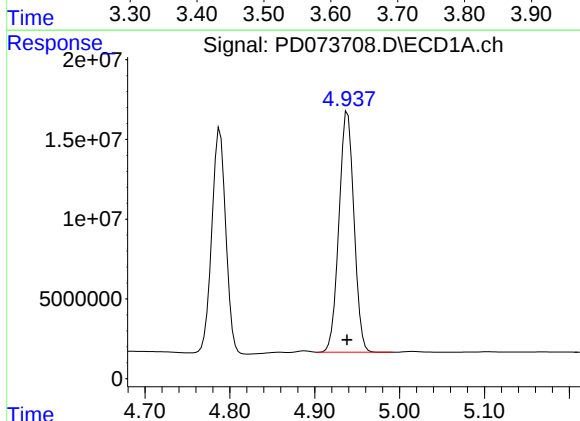
R.T.: 4.346 min  
Delta R.T.: 0.000 min  
Response: 190895538  
Conc: 51.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



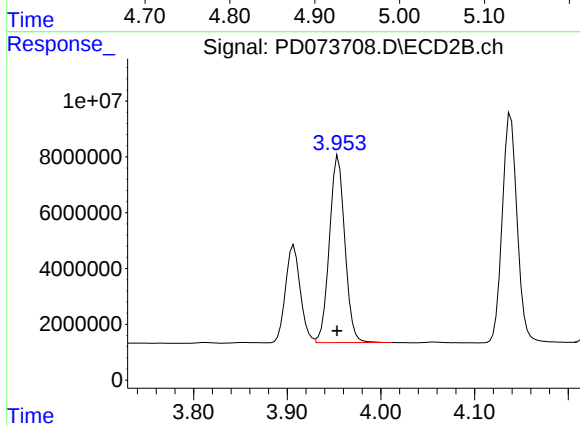
#3 gamma-BHC (Lindane)

R.T.: 3.612 min  
Delta R.T.: 0.000 min  
Response: 90118599  
Conc: 59.91 ng/ml



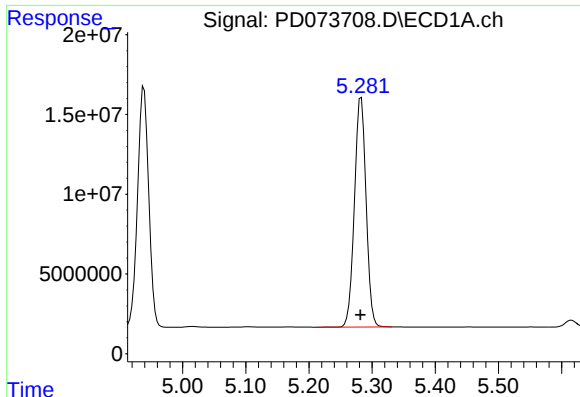
#4 Heptachlor

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 184943165  
Conc: 49.80 ng/ml



#4 Heptachlor

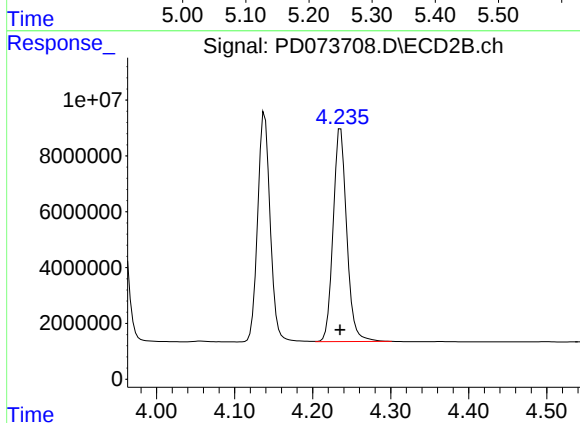
R.T.: 3.954 min  
Delta R.T.: 0.001 min  
Response: 76761875  
Conc: 57.32 ng/ml



#5 Aldrin

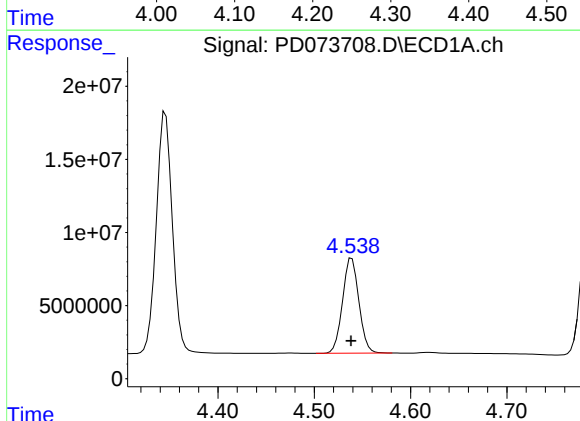
R.T.: 5.283 min  
Delta R.T.: 0.001 min  
Response: 183934709  
Conc: 51.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



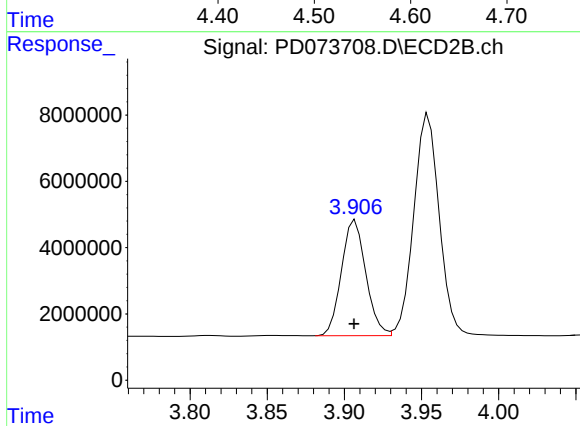
#5 Aldrin

R.T.: 4.236 min  
Delta R.T.: 0.000 min  
Response: 92350423  
Conc: 57.17 ng/ml



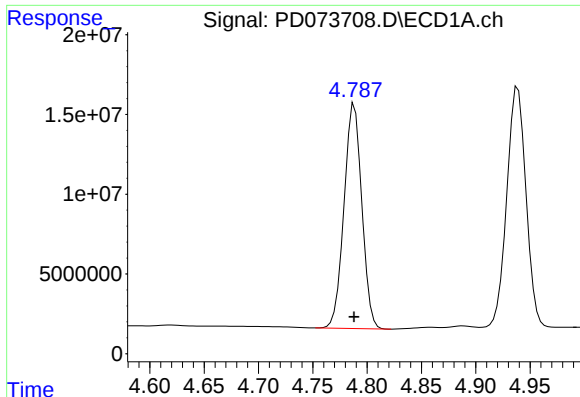
#6 beta-BHC

R.T.: 4.539 min  
Delta R.T.: 0.000 min  
Response: 76523850  
Conc: 49.33 ng/ml



#6 beta-BHC

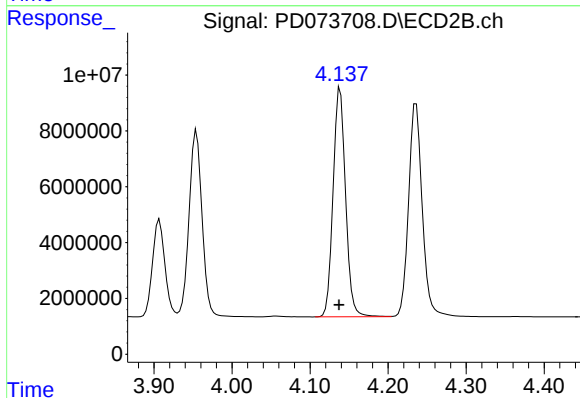
R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 38409211  
Conc: 57.96 ng/ml



#7 delta-BHC

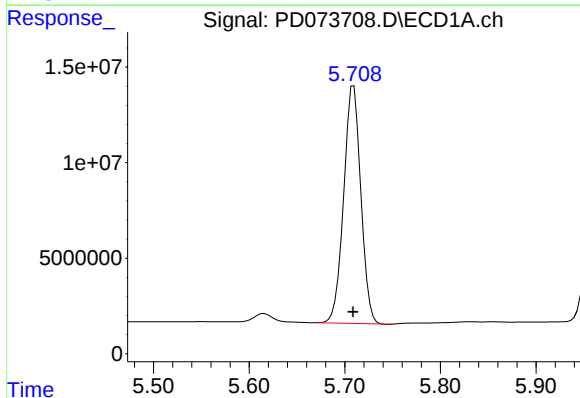
R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 161031604  
Conc: 47.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



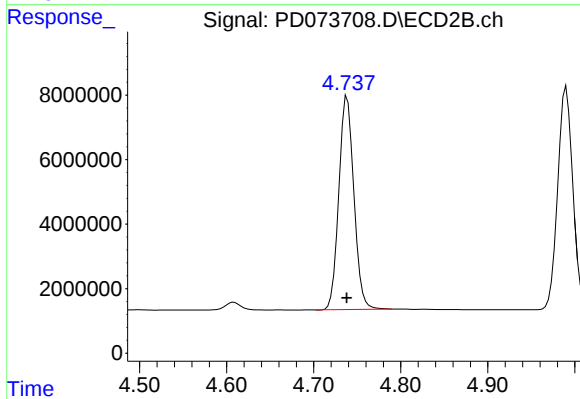
#7 delta-BHC

R.T.: 4.139 min  
Delta R.T.: 0.001 min  
Response: 91172662  
Conc: 59.65 ng/ml



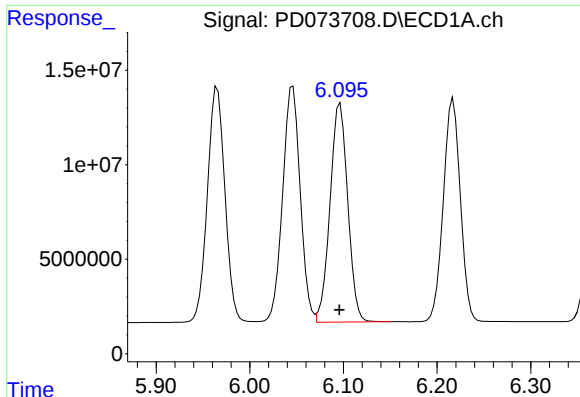
#8 Heptachlor epoxide

R.T.: 5.709 min  
Delta R.T.: 0.000 min  
Response: 155118122  
Conc: 48.61 ng/ml



#8 Heptachlor epoxide

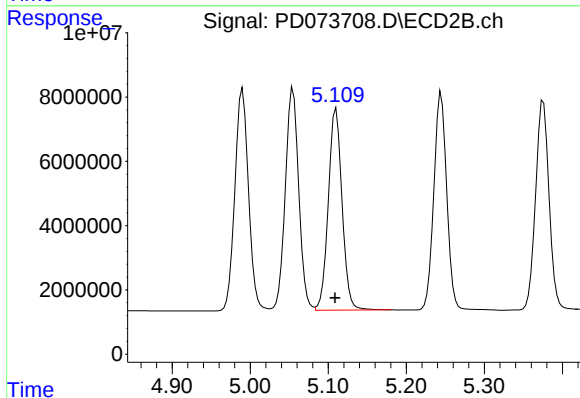
R.T.: 4.739 min  
Delta R.T.: 0.000 min  
Response: 79619332  
Conc: 59.17 ng/ml



#9 Endosulfan I

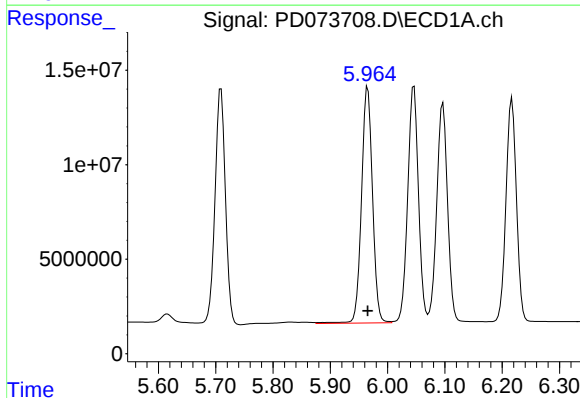
R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 152370000  
Conc: 49.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



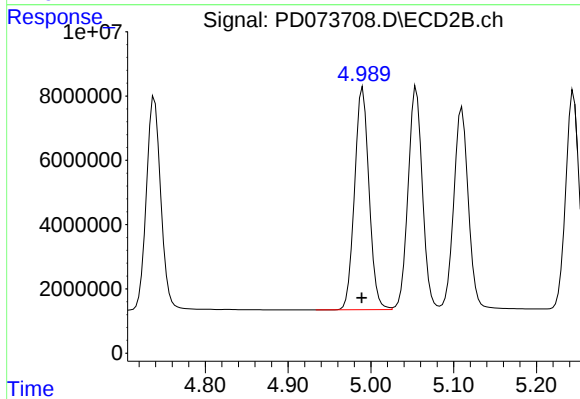
#9 Endosulfan I

R.T.: 5.110 min  
Delta R.T.: 0.001 min  
Response: 76798640  
Conc: 57.12 ng/ml



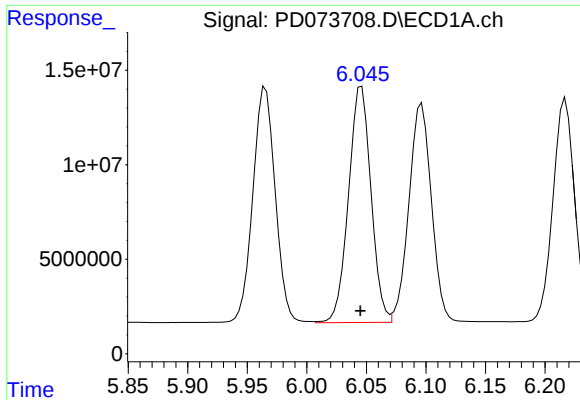
#10 gamma-Chlordane

R.T.: 5.965 min  
Delta R.T.: 0.000 min  
Response: 165865235  
Conc: 50.38 ng/ml



#10 gamma-Chlordane

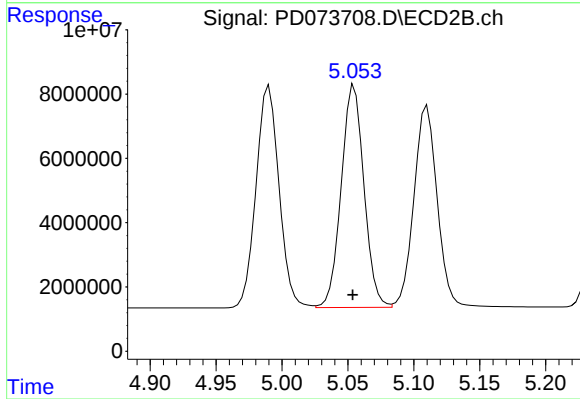
R.T.: 4.990 min  
Delta R.T.: 0.001 min  
Response: 83911133  
Conc: 56.70 ng/ml



#11 alpha-Chlordane

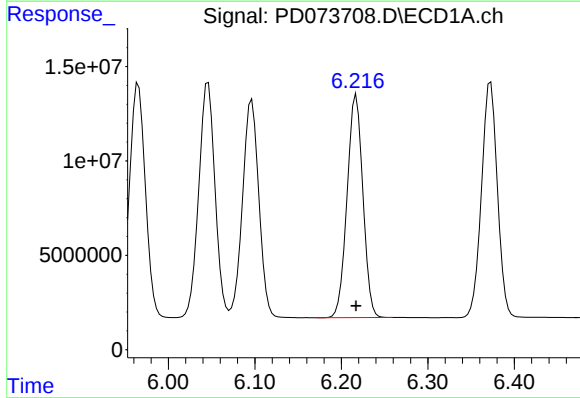
R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 163974604  
Conc: 49.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



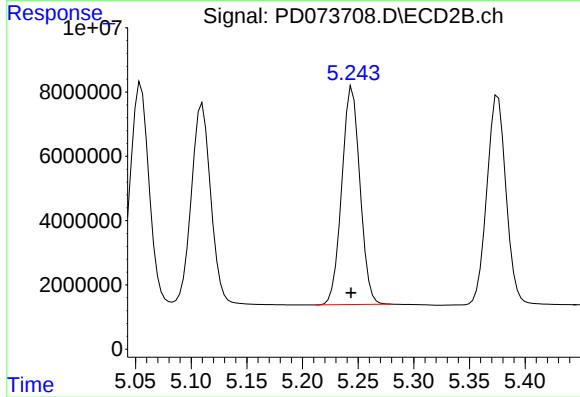
#11 alpha-Chlordane

R.T.: 5.055 min  
Delta R.T.: 0.001 min  
Response: 82949754  
Conc: 55.77 ng/ml



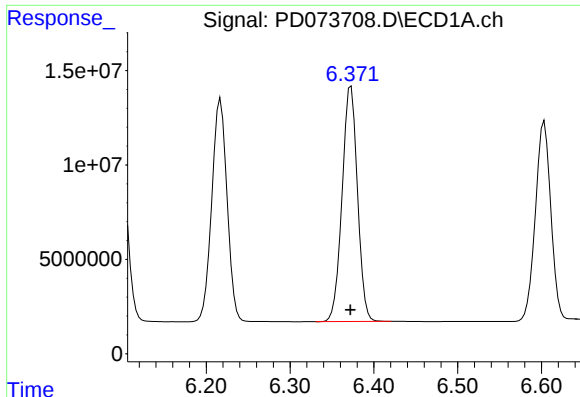
#12 4,4'-DDE

R.T.: 6.217 min  
Delta R.T.: 0.000 min  
Response: 149243432  
Conc: 49.41 ng/ml



#12 4,4'-DDE

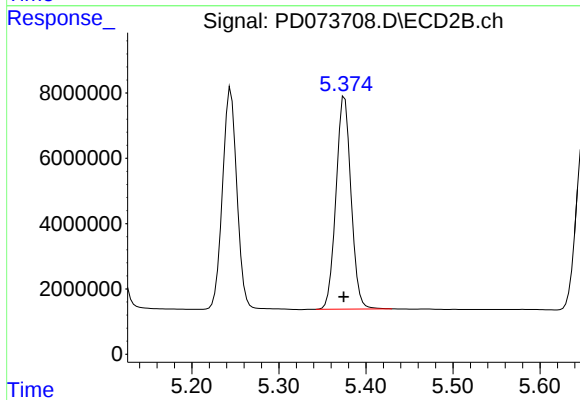
R.T.: 5.245 min  
Delta R.T.: 0.001 min  
Response: 77077053  
Conc: 57.76 ng/ml



#13 Dieldrin

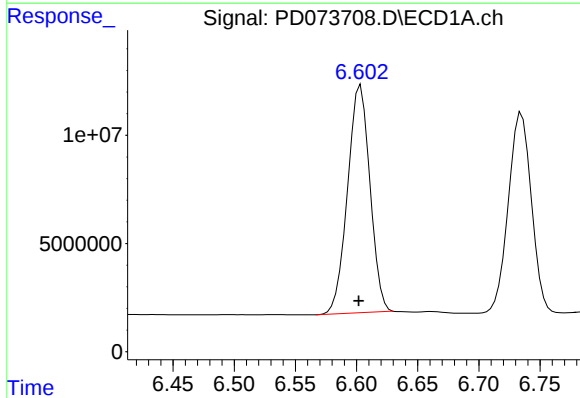
R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 159172412  
Conc: 49.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



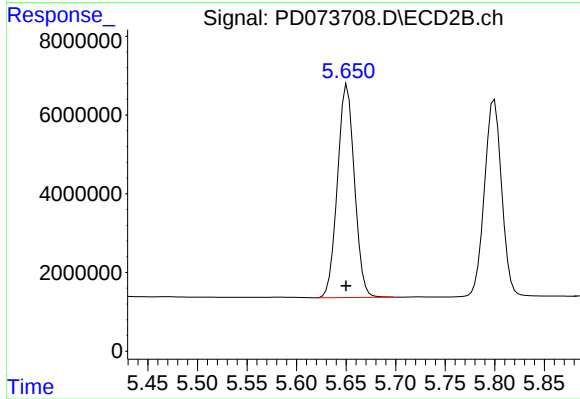
#13 Dieldrin

R.T.: 5.376 min  
Delta R.T.: 0.001 min  
Response: 78254614  
Conc: 59.70 ng/ml



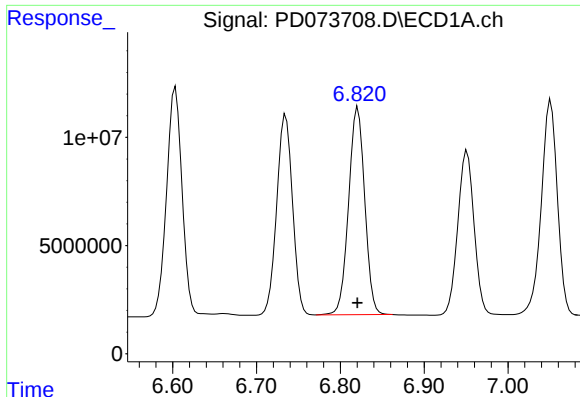
#14 Endrin

R.T.: 6.603 min  
Delta R.T.: 0.002 min  
Response: 134055157  
Conc: 49.45 ng/ml



#14 Endrin

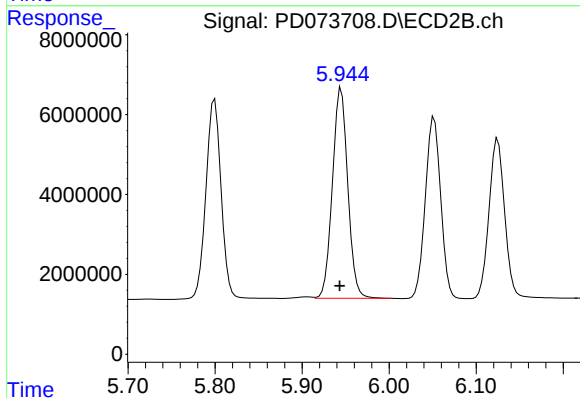
R.T.: 5.651 min  
Delta R.T.: 0.001 min  
Response: 64499875  
Conc: 58.00 ng/ml



#15 Endosulfan II

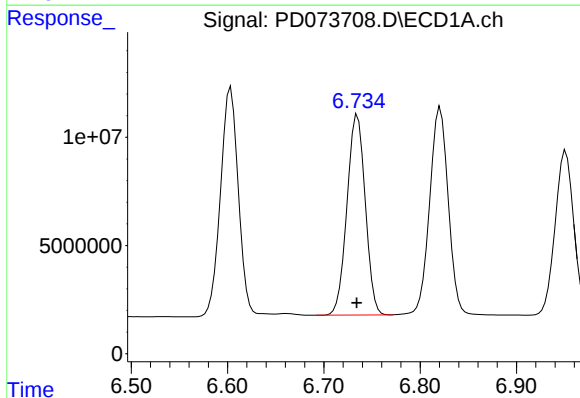
R.T.: 6.821 min  
Delta R.T.: 0.000 min  
Response: 128624406  
Conc: 48.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



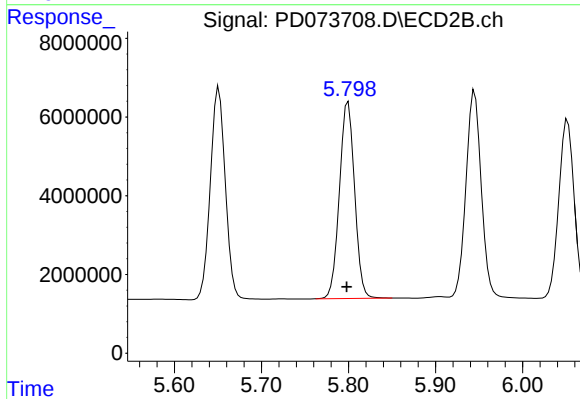
#15 Endosulfan II

R.T.: 5.945 min  
Delta R.T.: 0.002 min  
Response: 64706945  
Conc: 55.56 ng/ml



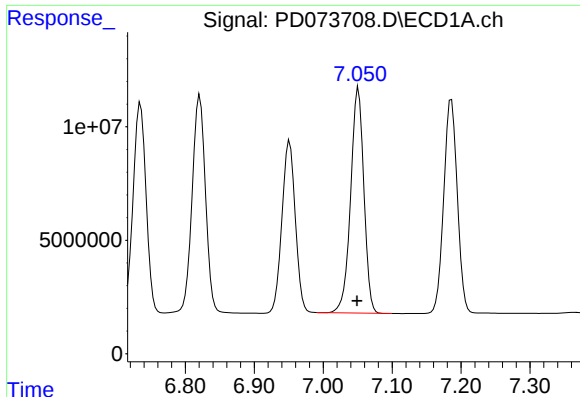
#16 4,4'-DDD

R.T.: 6.735 min  
Delta R.T.: 0.000 min  
Response: 121627377  
Conc: 49.32 ng/ml



#16 4,4'-DDD

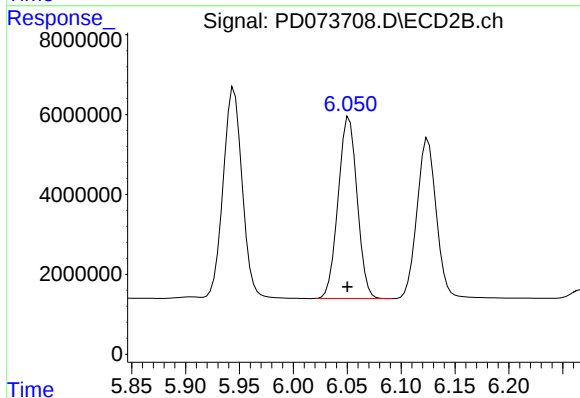
R.T.: 5.800 min  
Delta R.T.: 0.002 min  
Response: 60507010  
Conc: 58.72 ng/ml



#17 4,4'-DDT

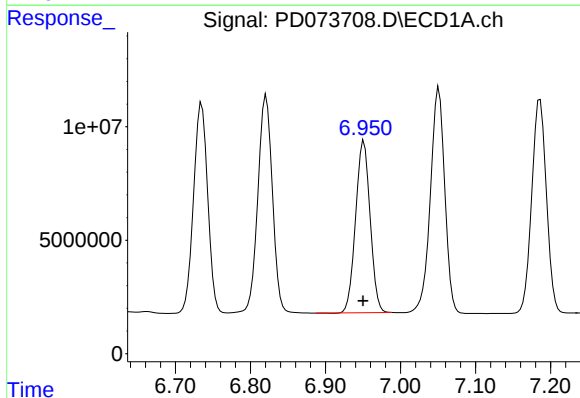
R.T.: 7.051 min  
Delta R.T.: 0.002 min  
Response: 132253407  
Conc: 47.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



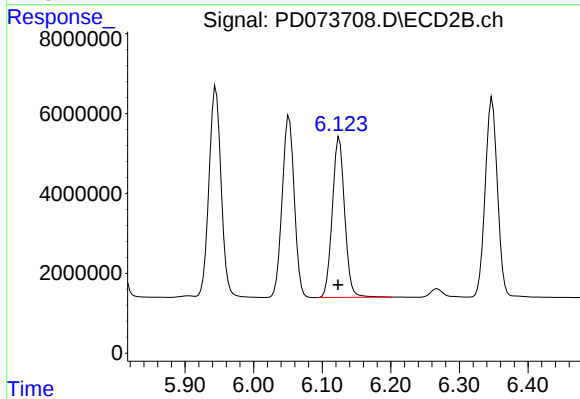
#17 4,4'-DDT

R.T.: 6.052 min  
Delta R.T.: 0.002 min  
Response: 55871032  
Conc: 54.24 ng/ml



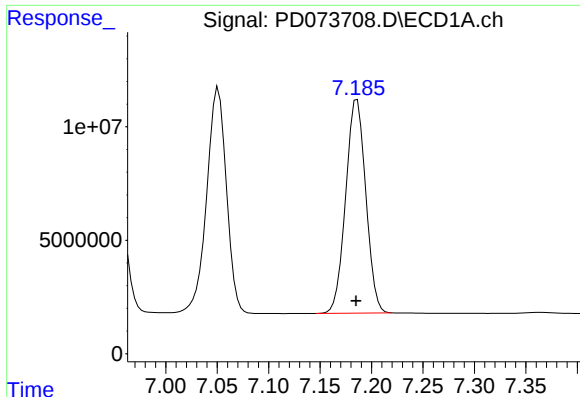
#18 Endrin aldehyde

R.T.: 6.951 min  
Delta R.T.: 0.001 min  
Response: 101841994  
Conc: 46.95 ng/ml



#18 Endrin aldehyde

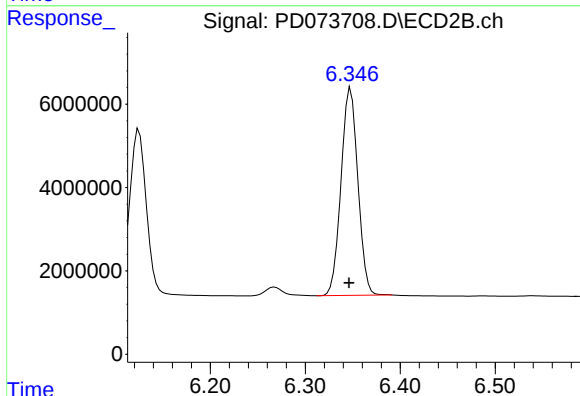
R.T.: 6.125 min  
Delta R.T.: 0.002 min  
Response: 50285023  
Conc: 57.01 ng/ml



#19 Endosulfan Sulfate

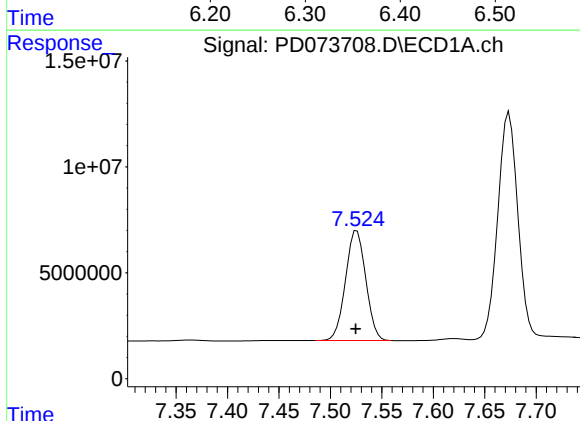
R.T.: 7.186 min  
Delta R.T.: 0.000 min  
Response: 128185327  
Conc: 47.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



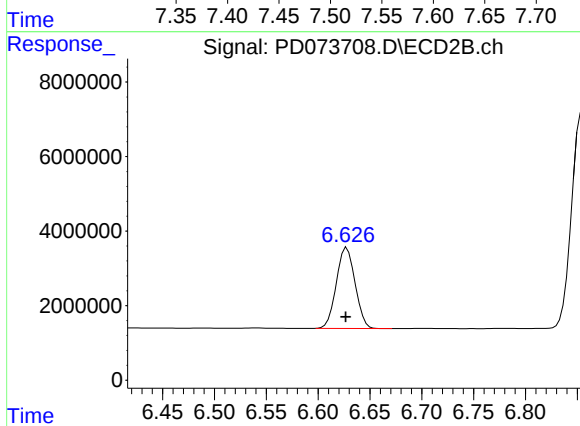
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: 0.002 min  
Response: 61462818  
Conc: 54.60 ng/ml



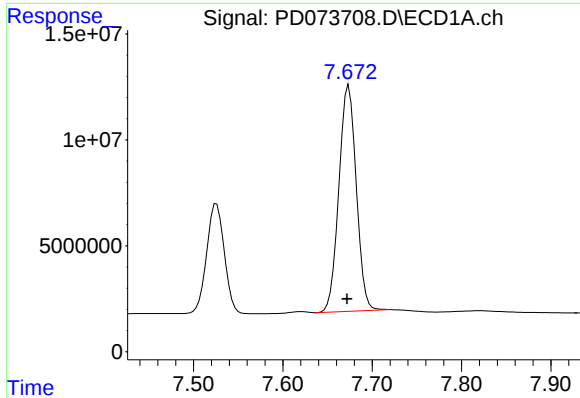
#20 Methoxychlor

R.T.: 7.526 min  
Delta R.T.: 0.001 min  
Response: 71091548  
Conc: 45.89 ng/ml



#20 Methoxychlor

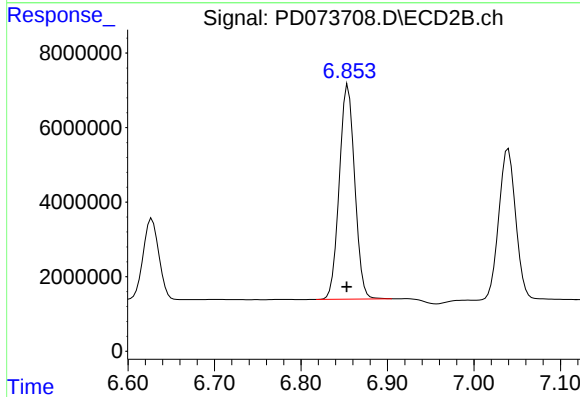
R.T.: 6.628 min  
Delta R.T.: 0.001 min  
Response: 27346035  
Conc: 52.25 ng/ml



#21 Endrin ketone

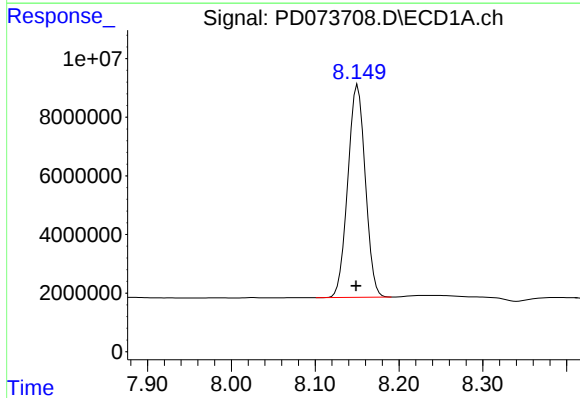
R.T.: 7.674 min  
Delta R.T.: 0.002 min  
Response: 144205701  
Conc: 47.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



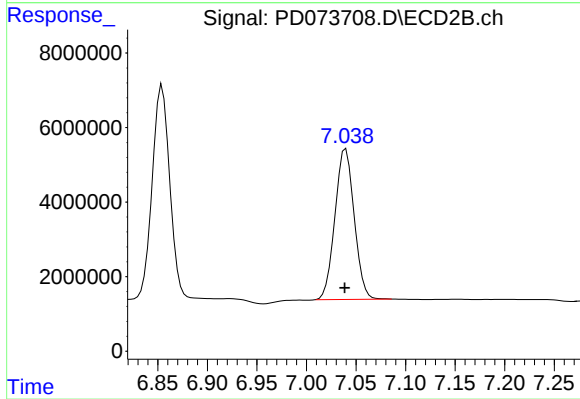
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: 0.001 min  
Response: 70855862  
Conc: 55.30 ng/ml



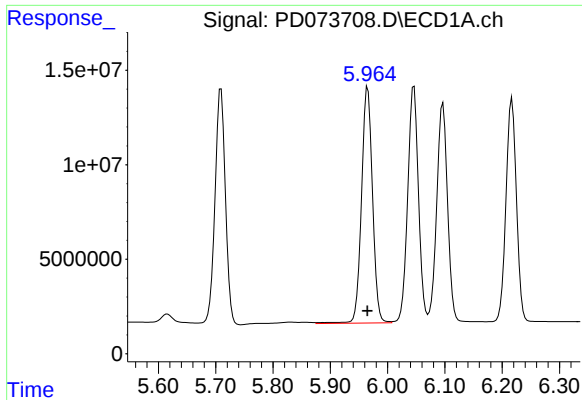
#22 Mirex

R.T.: 8.151 min  
Delta R.T.: 0.002 min  
Response: 105345556  
Conc: 45.85 ng/ml



#22 Mirex

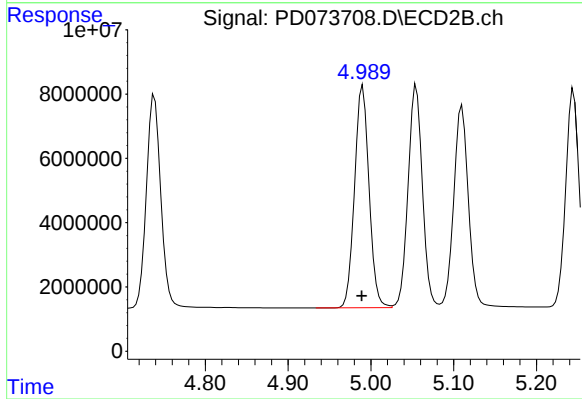
R.T.: 7.040 min  
Delta R.T.: 0.001 min  
Response: 54597517  
Conc: 51.99 ng/ml



#25 Chlordane-3

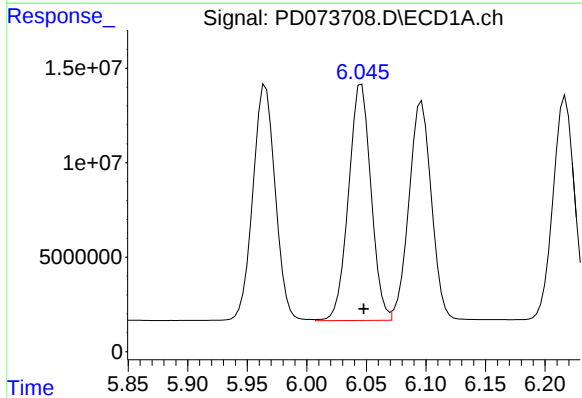
R.T.: 5.965 min  
Delta R.T.: 0.000 min  
Response: 165865235  
Conc: 354.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



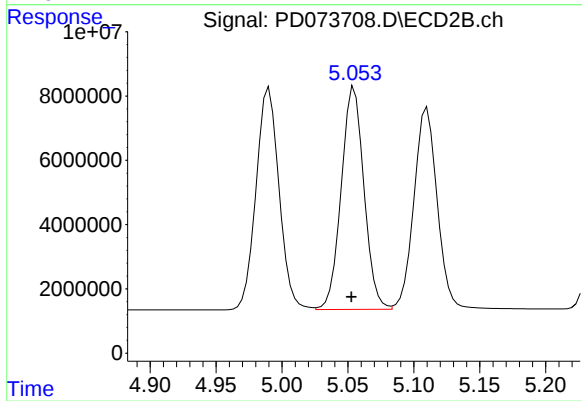
#25 Chlordane-3

R.T.: 4.990 min  
Delta R.T.: 0.001 min  
Response: 83911133  
Conc: 581.25 ng/ml



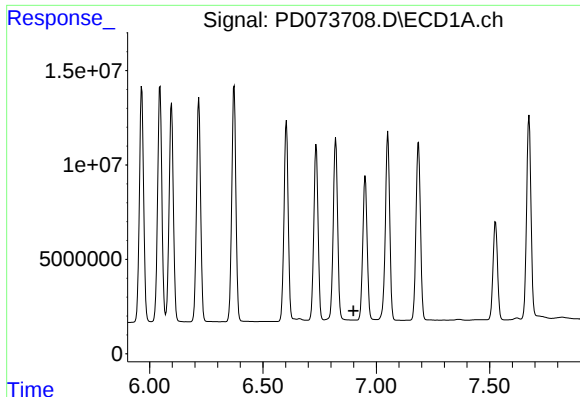
#26 Chlordane-4

R.T.: 6.046 min  
Delta R.T.: -0.002 min  
Response: 163974604  
Conc: 286.46 ng/ml



#26 Chlordane-4

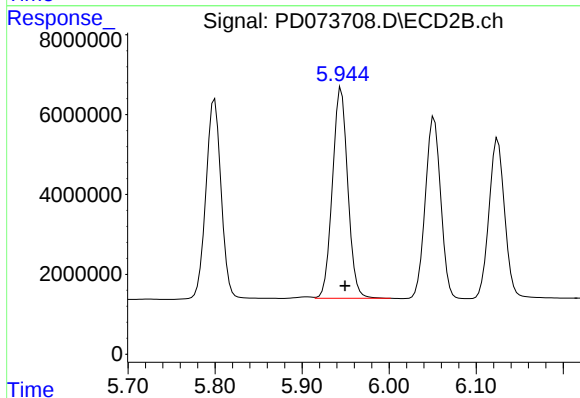
R.T.: 5.055 min  
Delta R.T.: 0.002 min  
Response: 82949754  
Conc: 595.09 ng/ml



#27 Chlordane-5

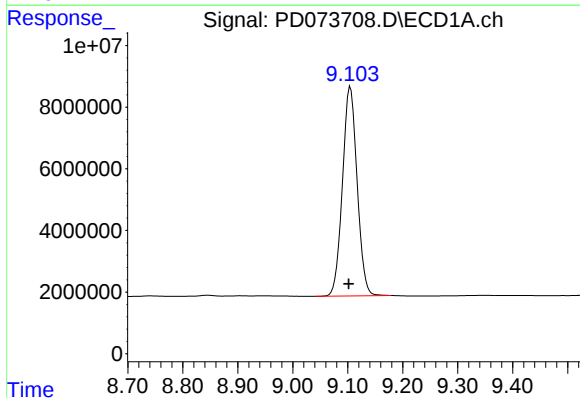
R.T.: 0.000 min  
Exp R.T.: 6.900 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



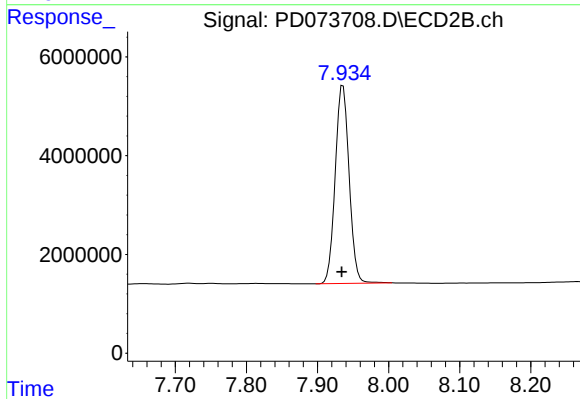
#27 Chlordane-5

R.T.: 5.945 min  
Delta R.T.: -0.004 min  
Response: 64706945  
Conc: 1287.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.105 min  
Delta R.T.: 0.003 min  
Response: 125720814  
Conc: 44.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.936 min  
Delta R.T.: 0.001 min  
Response: 54515820  
Conc: 46.86 ng/ml