

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020923\  
 Data File : PD073894.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Feb 2023 16:59  
 Operator : AR\AJ  
 Sample : PB150739BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 08 21:49:54 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... | 3.560 | 2.774 | 42764699 | 20918972 | 18.295  | 16.432     |
| 28)                         | SA Decachlor... | 9.106 | 7.933 | 49494640 | 20044893 | 17.563  | 17.229     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.017 | 3.279 | 196.1E6  | 80872993 | 49.377  | 47.465     |
| 3)                          | MA gamma-BHC... | 4.350 | 3.609 | 179.3E6  | 74292137 | 48.841  | 49.390     |
| 4)                          | MA Heptachlor   | 4.943 | 3.952 | 181.1E6  | 69258392 | 48.759  | 51.721     |
| 5)                          | MB Aldrin       | 5.287 | 4.233 | 184.9E6  | 75728439 | 51.279  | 46.883     |
| 6)                          | B beta-BHC      | 4.544 | 3.905 | 70407899 | 30701837 | 45.386  | 46.327     |
| 7)                          | B delta-BHC     | 4.794 | 4.136 | 180.2E6  | 74794632 | 53.563  | 48.932     |
| 8)                          | B Heptachlo...  | 5.713 | 4.736 | 158.9E6  | 66752204 | 49.802  | 49.609     |
| 9)                          | A Endosulfan I  | 6.100 | 5.107 | 145.9E6  | 61893479 | 47.530  | 46.033     |
| 10)                         | B gamma-Chl...  | 5.970 | 4.987 | 162.0E6  | 68294497 | 49.217  | 46.145     |
| 11)                         | B alpha-Chl...  | 6.049 | 5.051 | 159.4E6  | 67192323 | 48.321  | 45.175     |
| 12)                         | B 4,4'-DDE      | 6.221 | 5.242 | 147.7E6  | 62455862 | 48.901  | 46.807     |
| 13)                         | MA Dieldrin     | 6.376 | 5.372 | 159.9E6  | 67433956 | 50.150  | 51.444     |
| 14)                         | MA Endrin       | 6.607 | 5.648 | 125.6E6  | 56805240 | 46.337  | 51.083     |
| 15)                         | B Endosulfa...  | 6.824 | 5.942 | 131.2E6  | 57172010 | 49.533  | 49.090     |
| 16)                         | A 4,4'-DDD      | 6.738 | 5.797 | 121.0E6  | 52956605 | 49.072  | 51.396     |
| 17)                         | MA 4,4'-DDT     | 7.054 | 6.049 | 118.4E6  | 49605903 | 42.544  | 48.159     |
| 18)                         | B Endrin al...  | 6.954 | 6.122 | 107.1E6  | 47572674 | 49.378  | 53.937     |
| 19)                         | B Endosulfa...  | 7.189 | 6.345 | 124.8E6  | 53844159 | 46.619  | 47.834     |
| 20)                         | A Methoxychlor  | 7.529 | 6.626 | 64262369 | 26402573 | 41.483  | 50.444     |
| 21)                         | B Endrin ke...  | 7.675 | 6.852 | 138.8E6  | 63819909 | 45.888  | 49.810     |
| 22)                         | Mirex           | 8.152 | 7.037 | 103.0E6  | 48289358 | 44.833  | 45.980     |
| 25)                         | Chlordane-3     | 5.970 | 4.987 | 162.0E6  | 68294497 | 346.099 | 473.071 #  |
| 26)                         | Chlordane-4     | 6.049 | 5.051 | 159.4E6  | 67192323 | 278.477 | 482.042 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.942 | 0        | 57172010 | N.D.    | 1137.743 # |
| -----                       |                 |       |       |          |          |         |            |

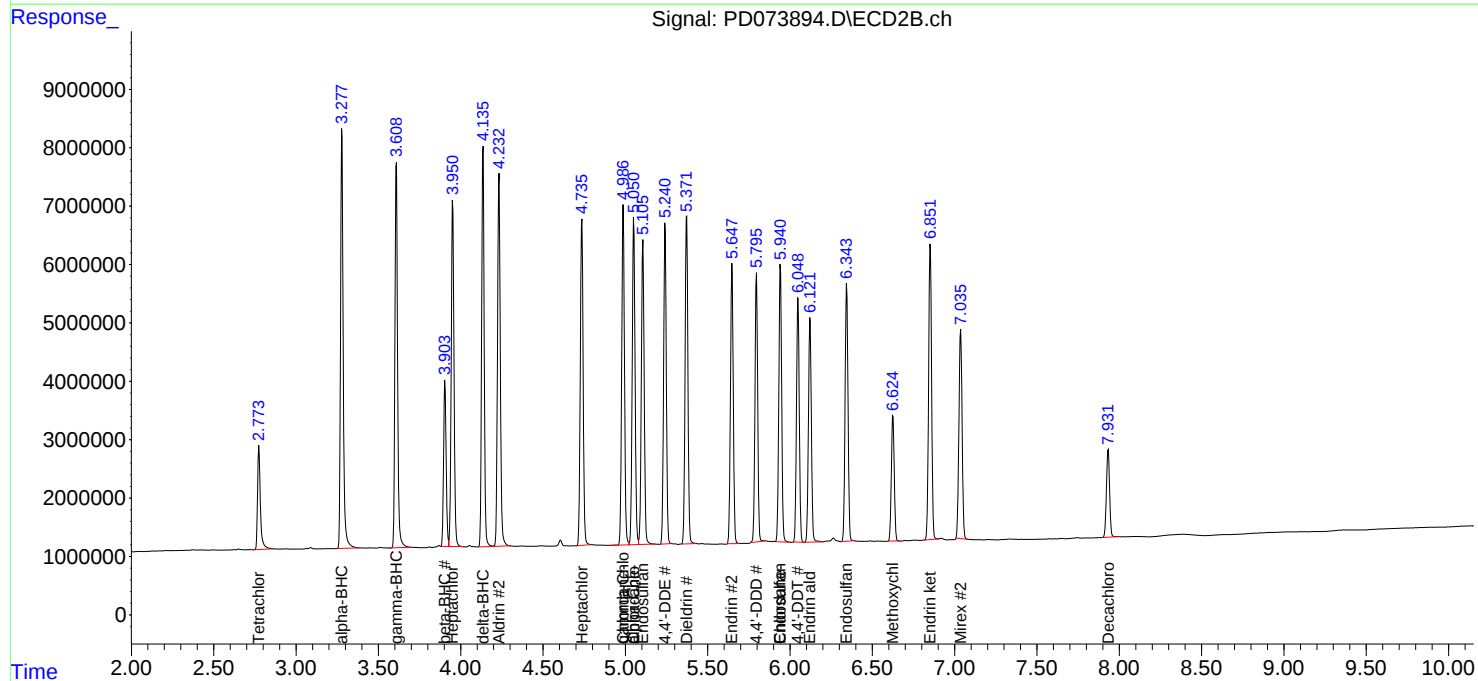
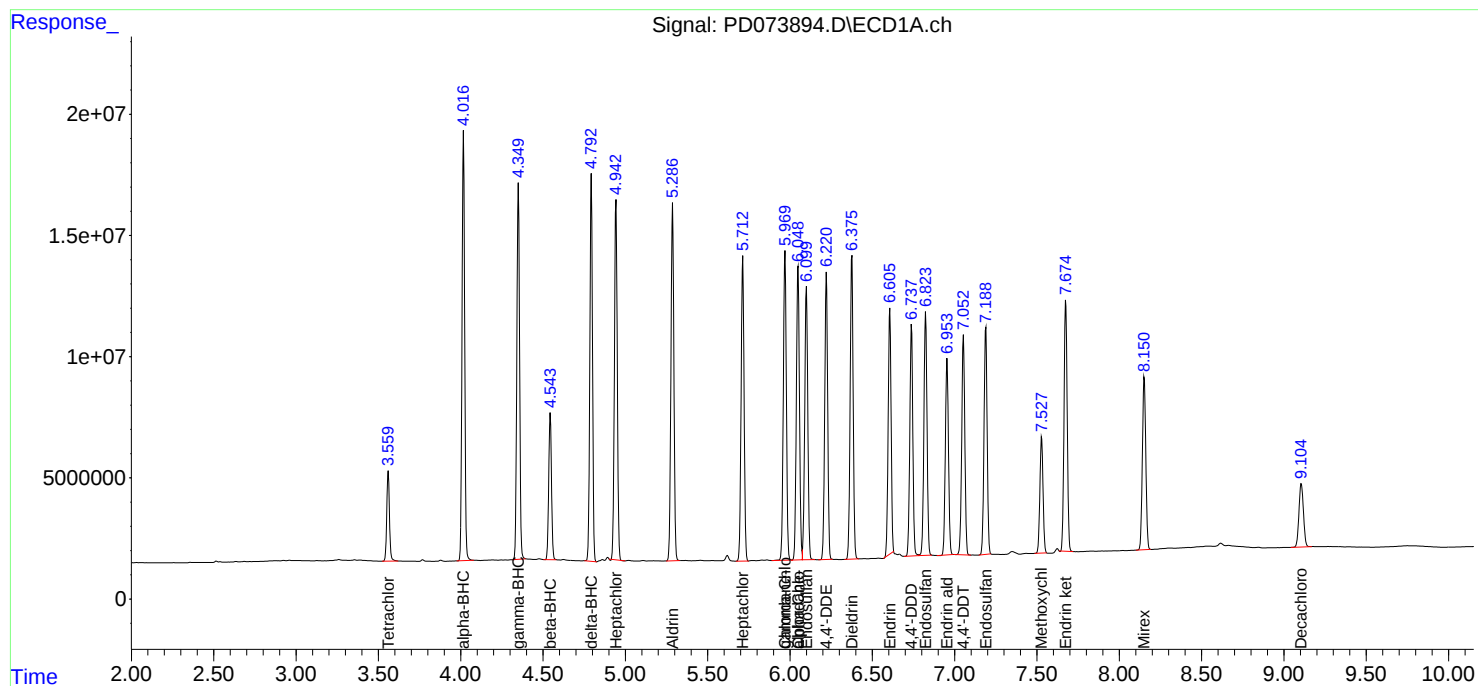
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

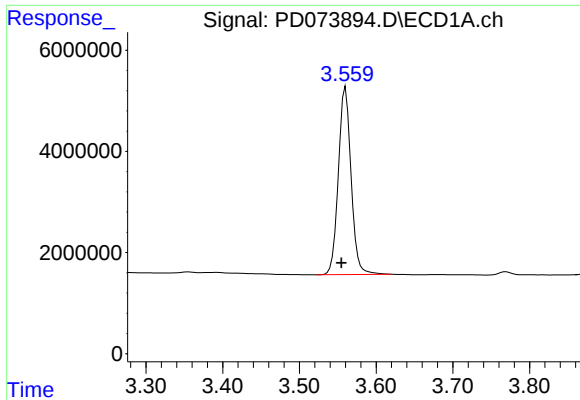
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020923\  
Data File : PD073894.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Feb 2023 16:59  
Operator : AR\AJ  
Sample : PB150739BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 08 21:49:54 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011823.M  
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Volume Inj. : 2 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

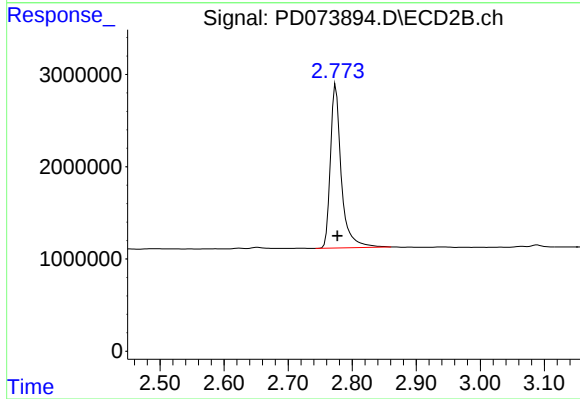




#1 Tetrachloro-m-xylene

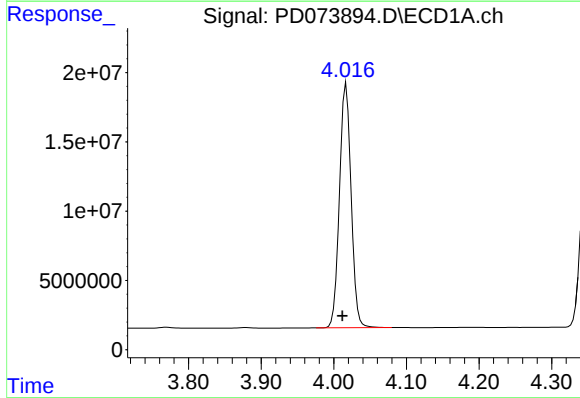
R.T.: 3.560 min  
Delta R.T.: 0.005 min  
Response: 42764699  
Conc: 18.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



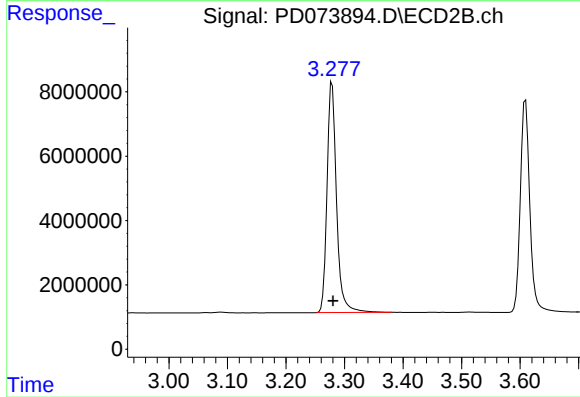
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: -0.002 min  
Response: 20918972  
Conc: 16.43 ng/ml



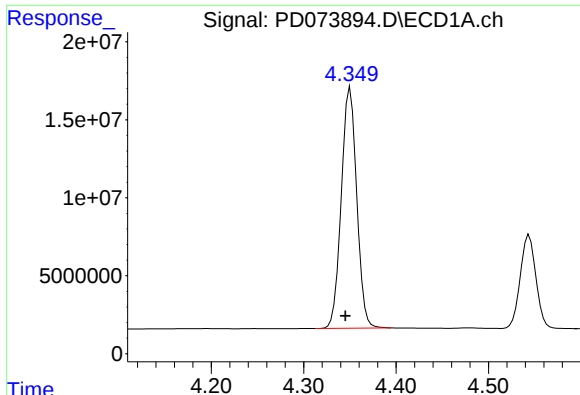
#2 alpha-BHC

R.T.: 4.017 min  
Delta R.T.: 0.005 min  
Response: 196115267  
Conc: 49.38 ng/ml



#2 alpha-BHC

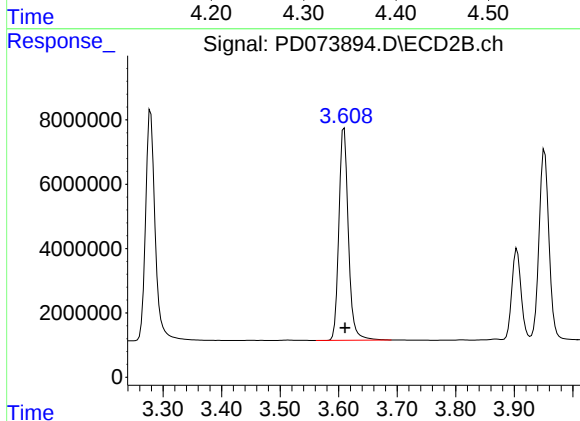
R.T.: 3.279 min  
Delta R.T.: -0.002 min  
Response: 80872993  
Conc: 47.46 ng/ml



#3 gamma-BHC (Lindane)

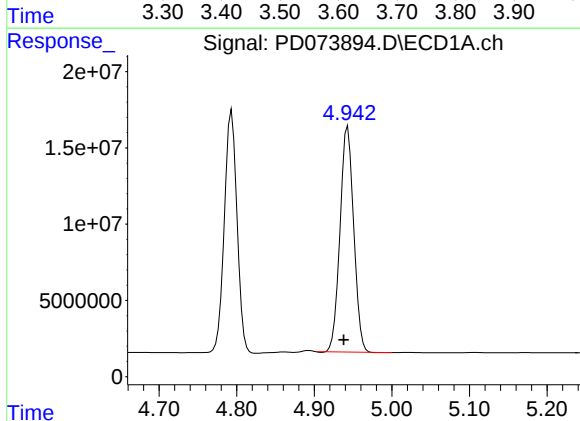
R.T.: 4.350 min  
Delta R.T.: 0.005 min  
Response: 179322946  
Conc: 48.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



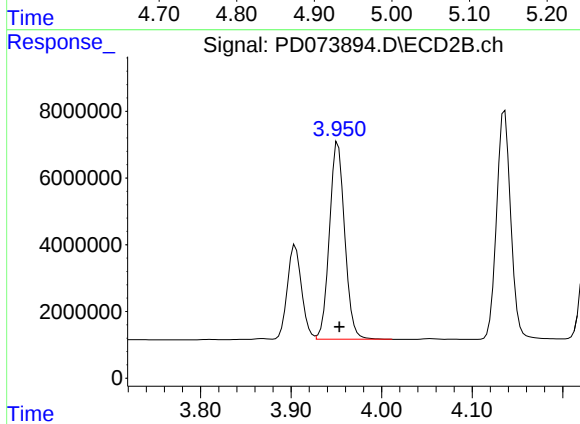
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: -0.002 min  
Response: 74292137  
Conc: 49.39 ng/ml



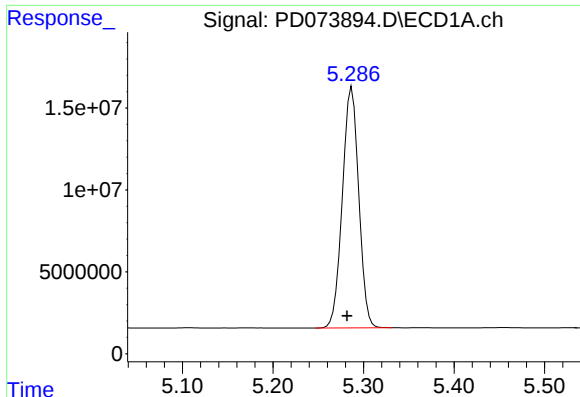
#4 Heptachlor

R.T.: 4.943 min  
Delta R.T.: 0.005 min  
Response: 181058731  
Conc: 48.76 ng/ml



#4 Heptachlor

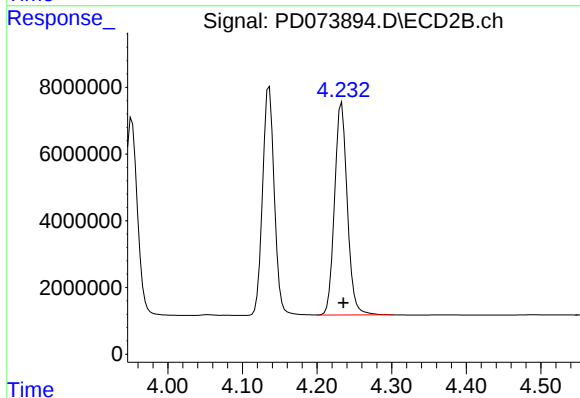
R.T.: 3.952 min  
Delta R.T.: -0.001 min  
Response: 69258392  
Conc: 51.72 ng/ml



#5 Aldrin

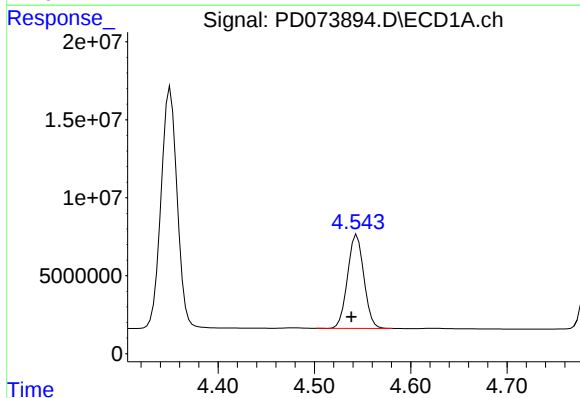
R.T.: 5.287 min  
Delta R.T.: 0.005 min  
Response: 184850245  
Conc: 51.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



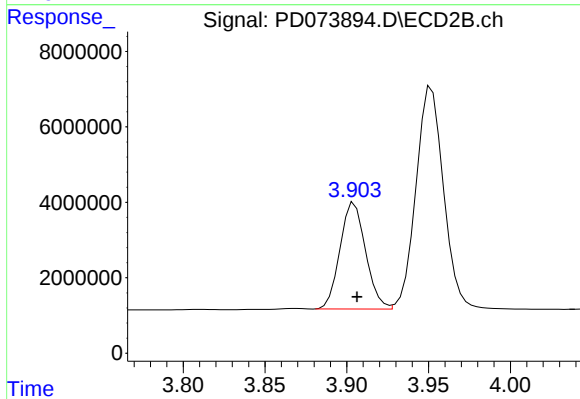
#5 Aldrin

R.T.: 4.233 min  
Delta R.T.: -0.002 min  
Response: 75728439  
Conc: 46.88 ng/ml



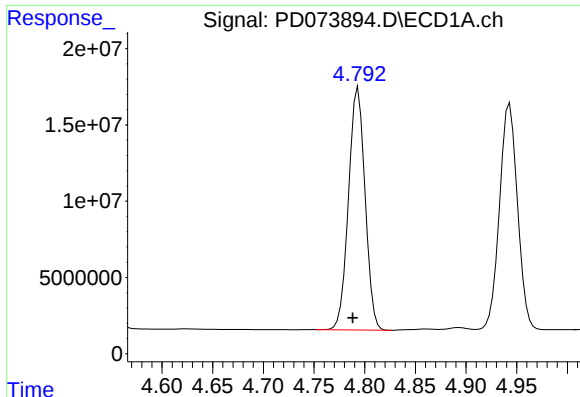
#6 beta-BHC

R.T.: 4.544 min  
Delta R.T.: 0.006 min  
Response: 70407899  
Conc: 45.39 ng/ml



#6 beta-BHC

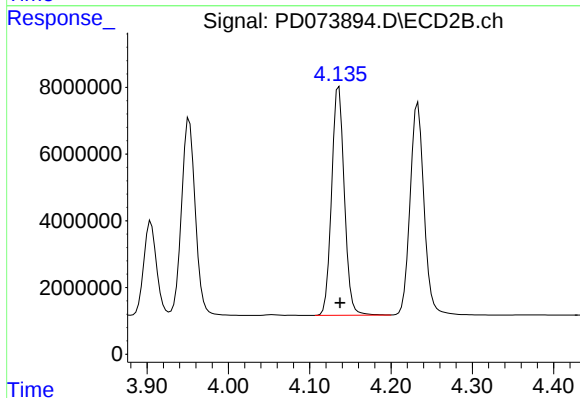
R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 30701837  
Conc: 46.33 ng/ml



#7 delta-BHC

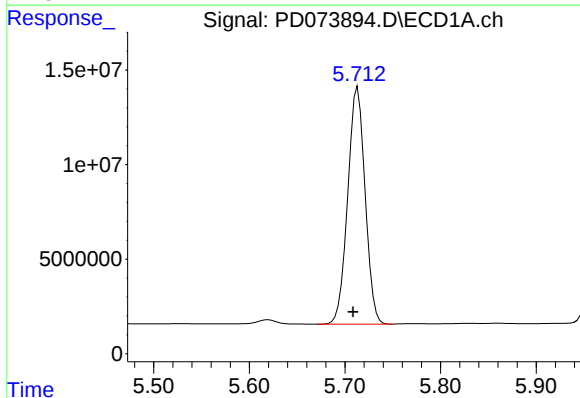
R.T.: 4.794 min  
Delta R.T.: 0.005 min  
Response: 180244019  
Conc: 53.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



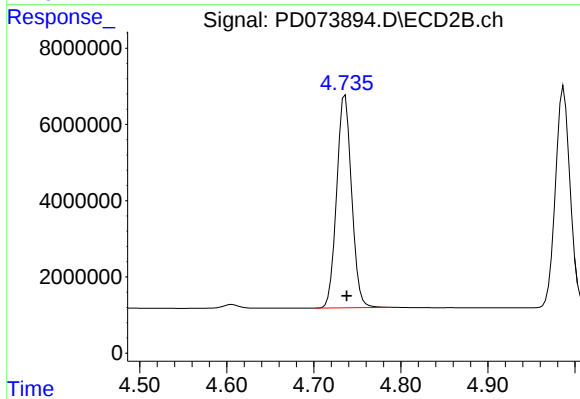
#7 delta-BHC

R.T.: 4.136 min  
Delta R.T.: -0.001 min  
Response: 74794632  
Conc: 48.93 ng/ml



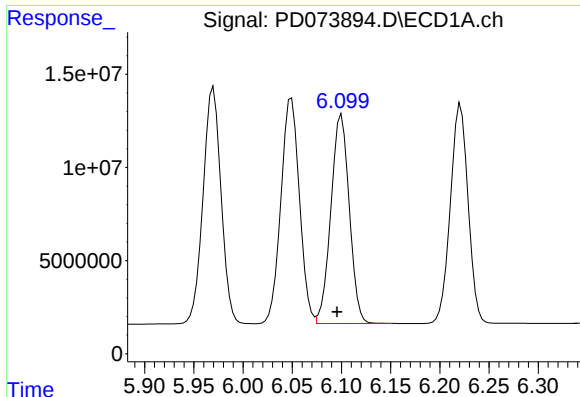
#8 Heptachlor epoxide

R.T.: 5.713 min  
Delta R.T.: 0.005 min  
Response: 158935045  
Conc: 49.80 ng/ml



#8 Heptachlor epoxide

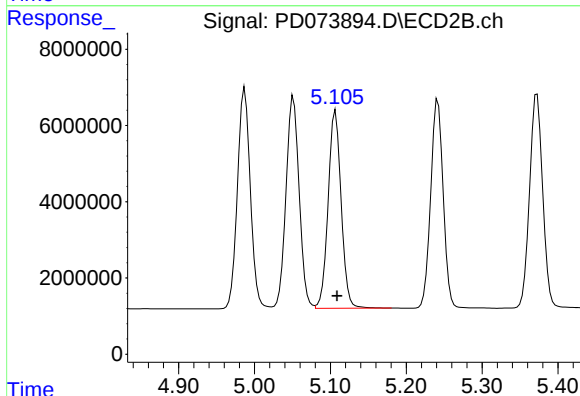
R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 66752204  
Conc: 49.61 ng/ml



#9 Endosulfan I

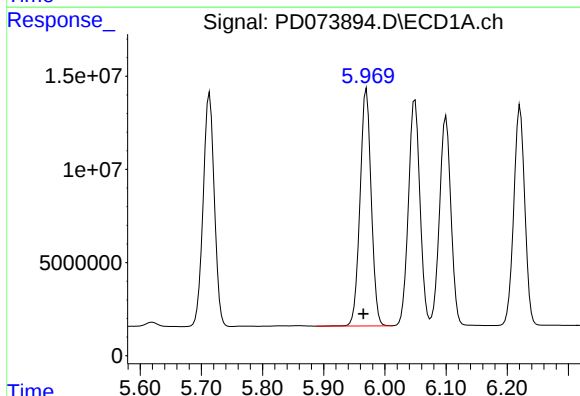
R.T.: 6.100 min  
Delta R.T.: 0.004 min  
Response: 145949483  
Conc: 47.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



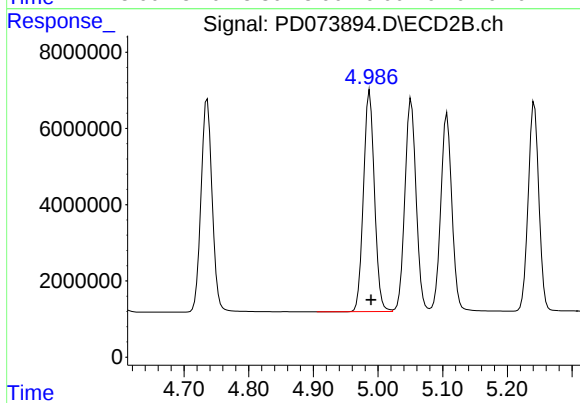
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 61893479  
Conc: 46.03 ng/ml



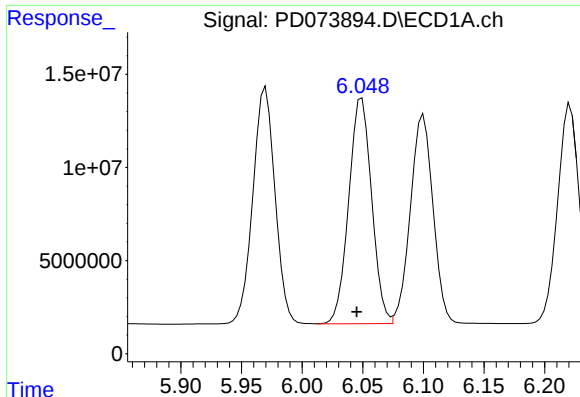
#10 gamma-Chlordane

R.T.: 5.970 min  
Delta R.T.: 0.005 min  
Response: 162041781  
Conc: 49.22 ng/ml



#10 gamma-Chlordane

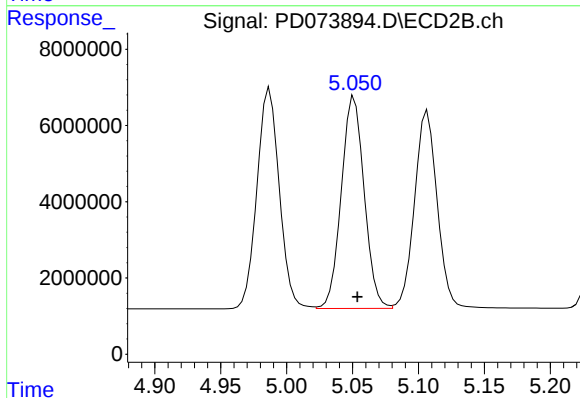
R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 68294497  
Conc: 46.15 ng/ml



#11 alpha-Chlordane

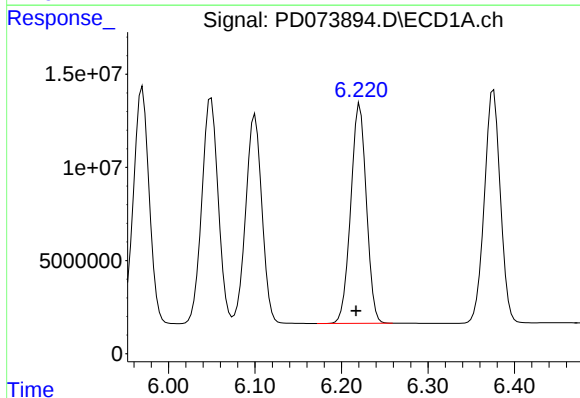
R.T.: 6.049 min  
Delta R.T.: 0.004 min  
Response: 159404967  
Conc: 48.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



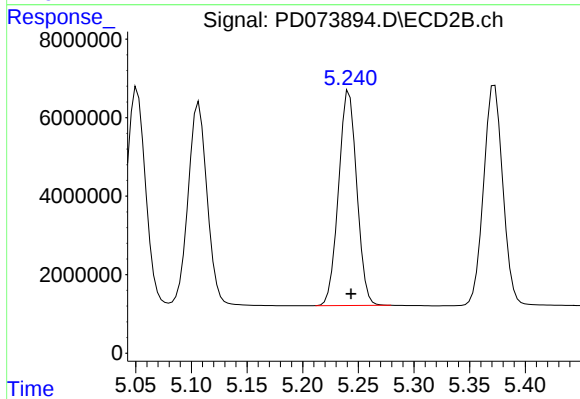
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 67192323  
Conc: 45.17 ng/ml



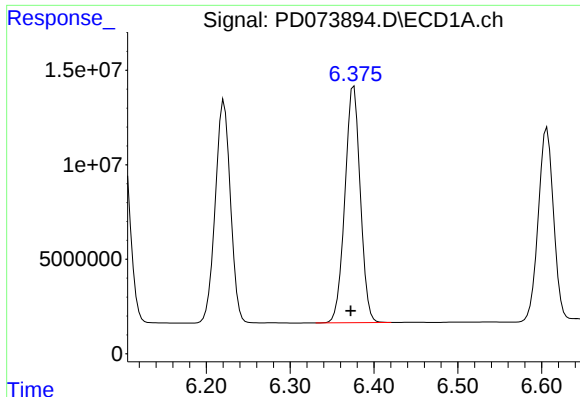
#12 4,4'-DDE

R.T.: 6.221 min  
Delta R.T.: 0.004 min  
Response: 147696573  
Conc: 48.90 ng/ml



#12 4,4'-DDE

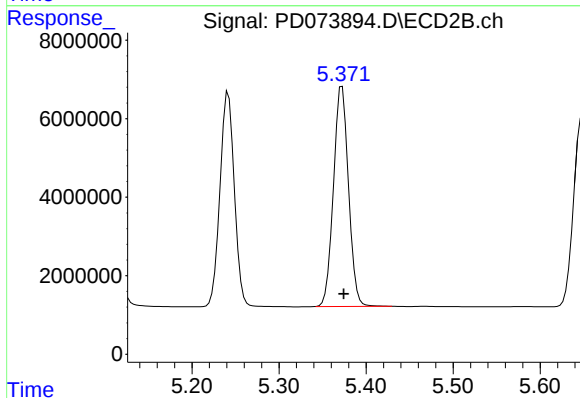
R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 62455862  
Conc: 46.81 ng/ml



#13 Dieldrin

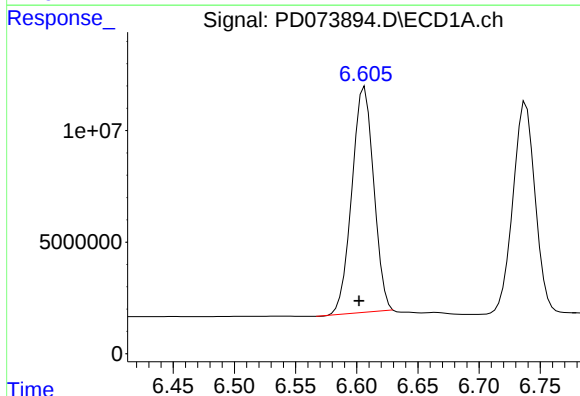
R.T.: 6.376 min  
Delta R.T.: 0.004 min  
Response: 159902600  
Conc: 50.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



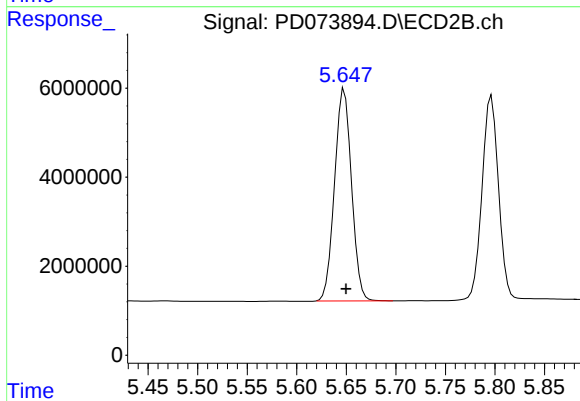
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: -0.002 min  
Response: 67433956  
Conc: 51.44 ng/ml



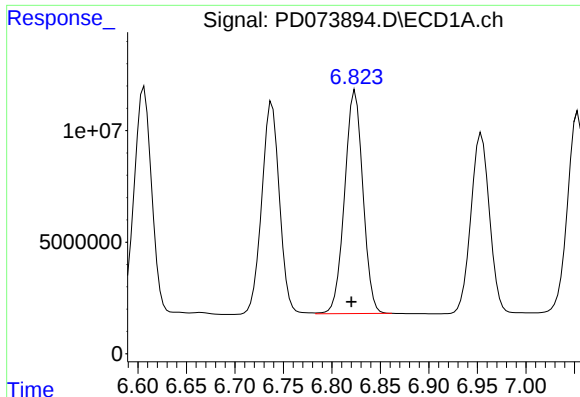
#14 Endrin

R.T.: 6.607 min  
Delta R.T.: 0.005 min  
Response: 125619897  
Conc: 46.34 ng/ml



#14 Endrin

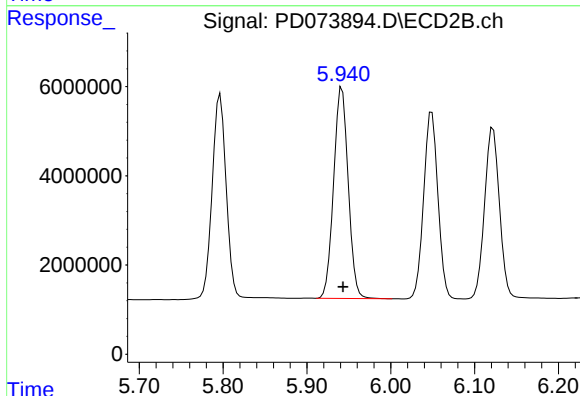
R.T.: 5.648 min  
Delta R.T.: -0.002 min  
Response: 56805240  
Conc: 51.08 ng/ml



#15 Endosulfan II

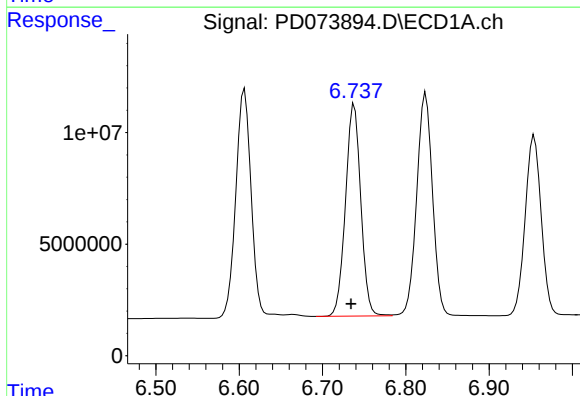
R.T.: 6.824 min  
Delta R.T.: 0.004 min  
Response: 131169951  
Conc: 49.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



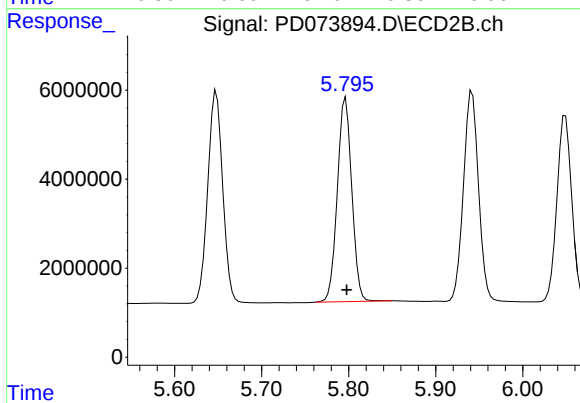
#15 Endosulfan II

R.T.: 5.942 min  
Delta R.T.: -0.001 min  
Response: 57172010  
Conc: 49.09 ng/ml



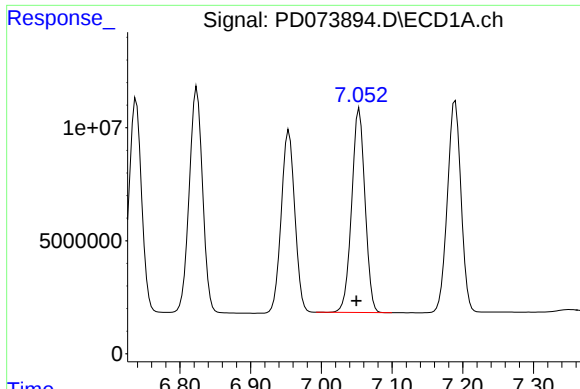
#16 4,4'-DDD

R.T.: 6.738 min  
Delta R.T.: 0.004 min  
Response: 121025279  
Conc: 49.07 ng/ml



#16 4,4'-DDD

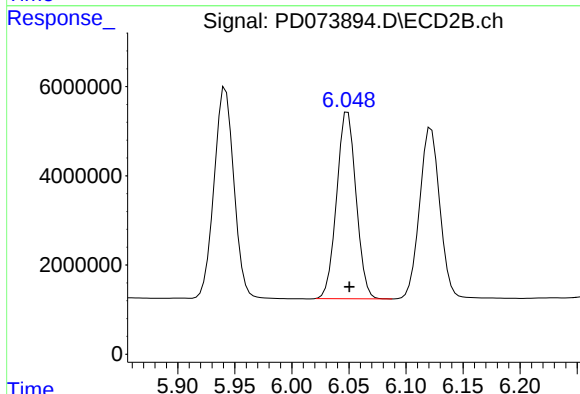
R.T.: 5.797 min  
Delta R.T.: -0.001 min  
Response: 52956605  
Conc: 51.40 ng/ml



#17 4,4'-DDT

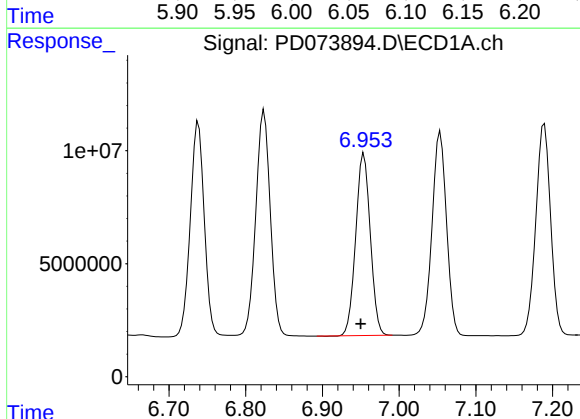
R.T.: 7.054 min  
Delta R.T.: 0.004 min  
Response: 118446202  
Conc: 42.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



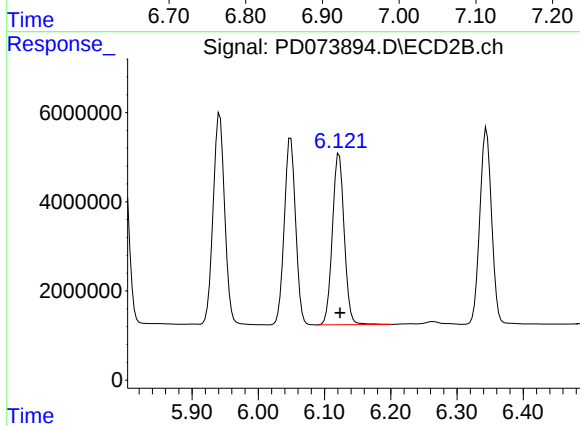
#17 4,4'-DDT

R.T.: 6.049 min  
Delta R.T.: -0.001 min  
Response: 49605903  
Conc: 48.16 ng/ml



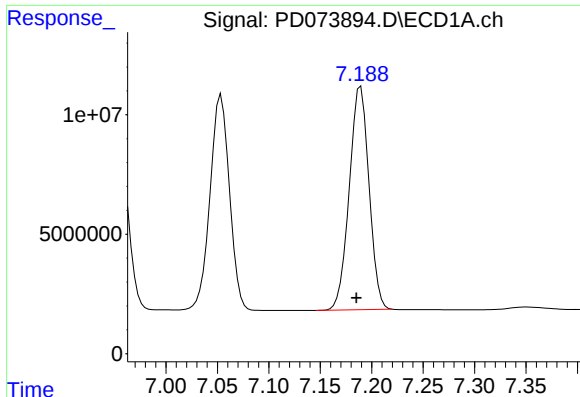
#18 Endrin aldehyde

R.T.: 6.954 min  
Delta R.T.: 0.004 min  
Response: 107114898  
Conc: 49.38 ng/ml



#18 Endrin aldehyde

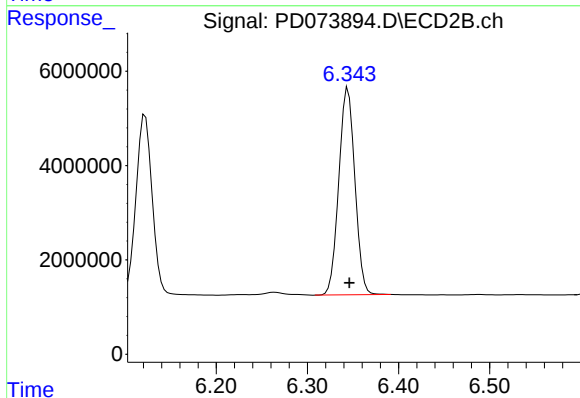
R.T.: 6.122 min  
Delta R.T.: -0.001 min  
Response: 47572674  
Conc: 53.94 ng/ml



#19 Endosulfan Sulfate

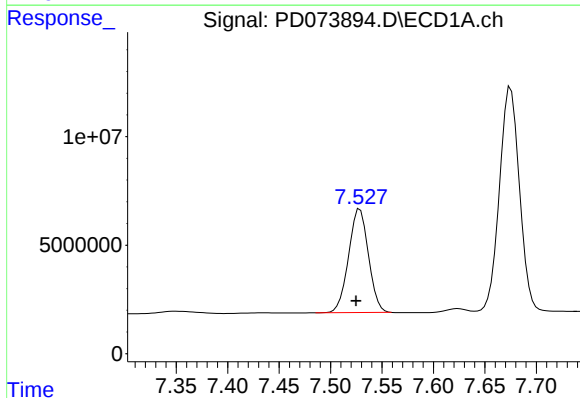
R.T.: 7.189 min  
Delta R.T.: 0.004 min  
Response: 124824840  
Conc: 46.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



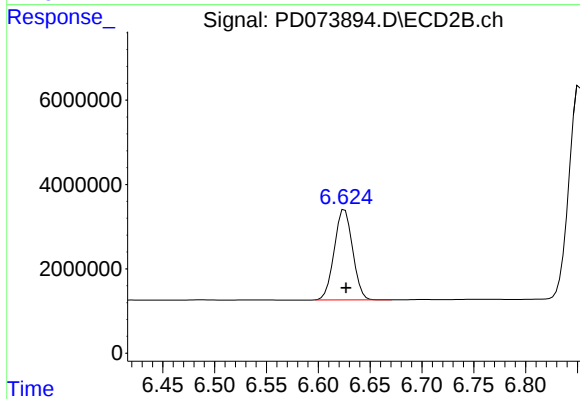
#19 Endosulfan Sulfate

R.T.: 6.345 min  
Delta R.T.: -0.002 min  
Response: 53844159  
Conc: 47.83 ng/ml



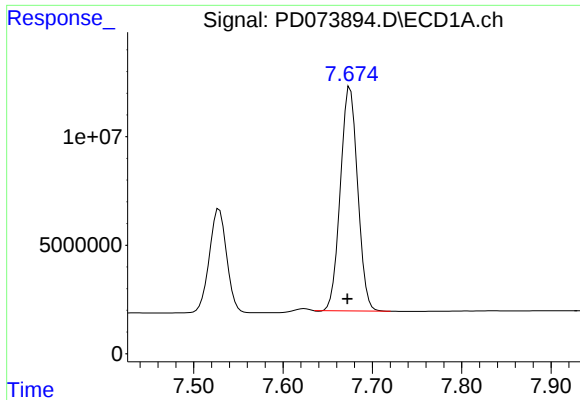
#20 Methoxychlor

R.T.: 7.529 min  
Delta R.T.: 0.004 min  
Response: 64262369  
Conc: 41.48 ng/ml



#20 Methoxychlor

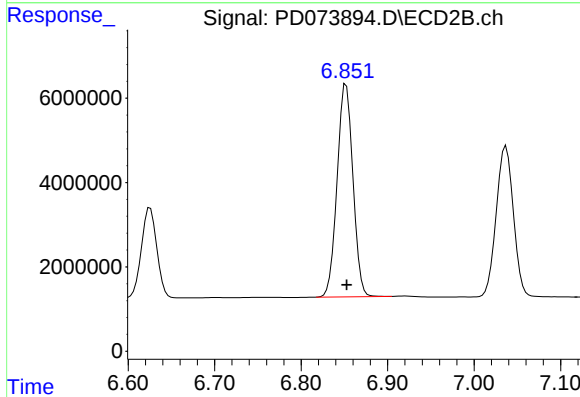
R.T.: 6.626 min  
Delta R.T.: -0.001 min  
Response: 26402573  
Conc: 50.44 ng/ml



#21 Endrin ketone

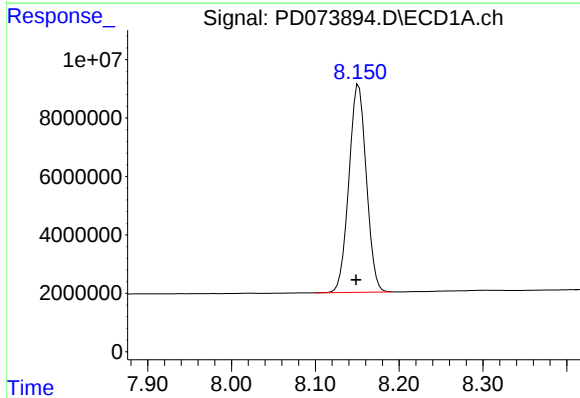
R.T.: 7.675 min  
Delta R.T.: 0.003 min  
Response: 138762596  
Conc: 45.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



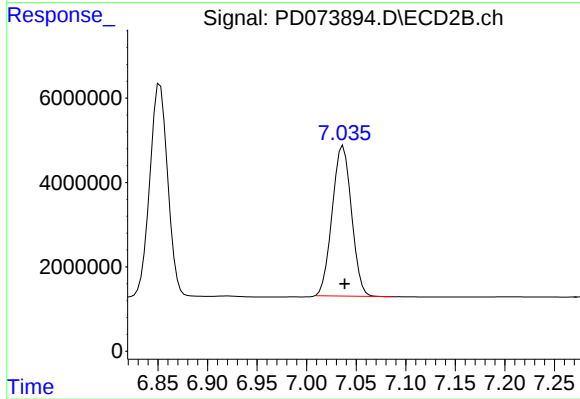
#21 Endrin ketone

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 63819909  
Conc: 49.81 ng/ml



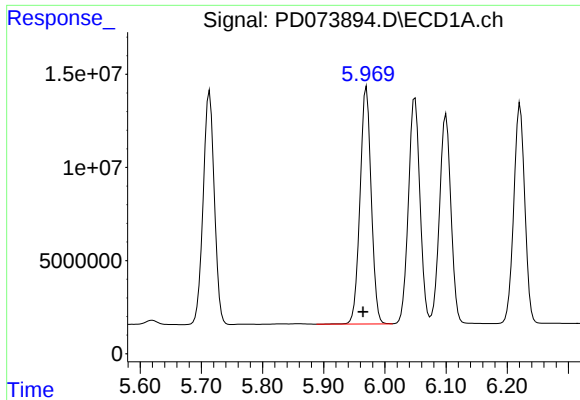
#22 Mirex

R.T.: 8.152 min  
Delta R.T.: 0.003 min  
Response: 103019324  
Conc: 44.83 ng/ml



#22 Mirex

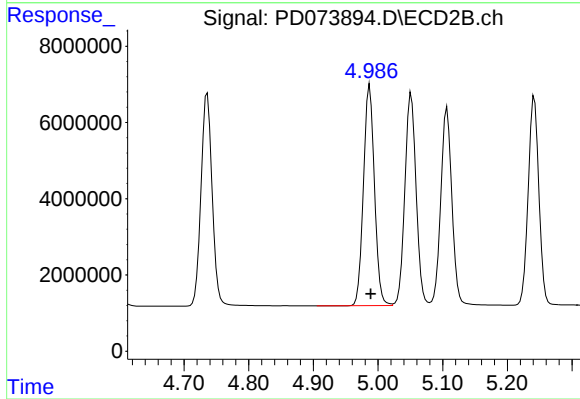
R.T.: 7.037 min  
Delta R.T.: -0.002 min  
Response: 48289358  
Conc: 45.98 ng/ml



#25 Chlordane-3

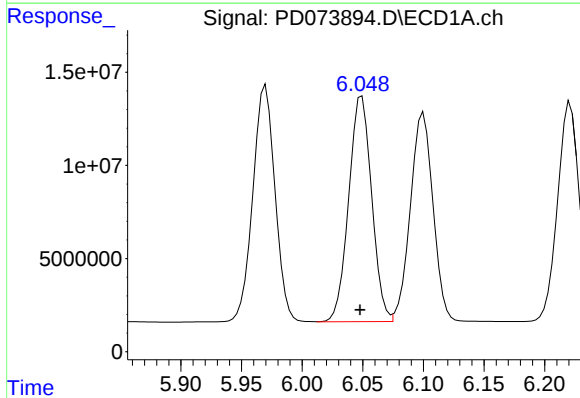
R.T.: 5.970 min  
Delta R.T.: 0.005 min  
Response: 162041781  
Conc: 346.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



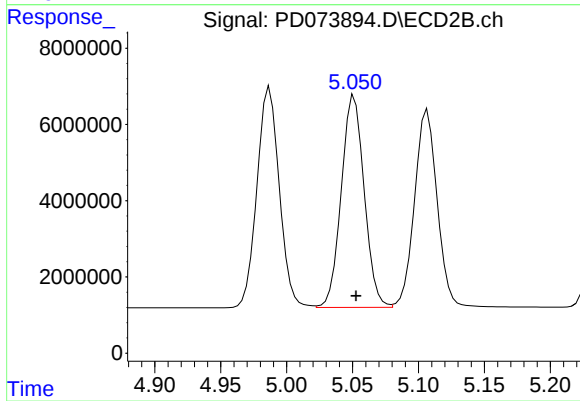
#25 Chlordane-3

R.T.: 4.987 min  
Delta R.T.: -0.002 min  
Response: 68294497  
Conc: 473.07 ng/ml



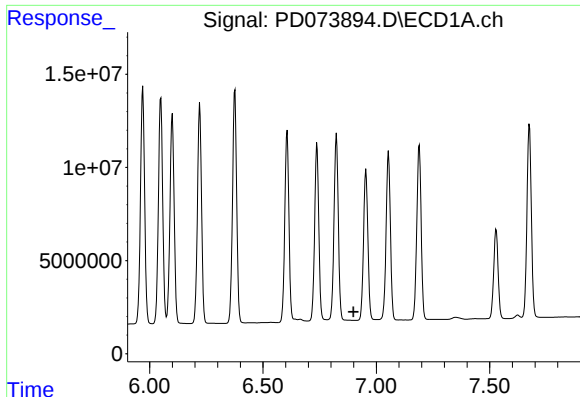
#26 Chlordane-4

R.T.: 6.049 min  
Delta R.T.: 0.001 min  
Response: 159404967  
Conc: 278.48 ng/ml



#26 Chlordane-4

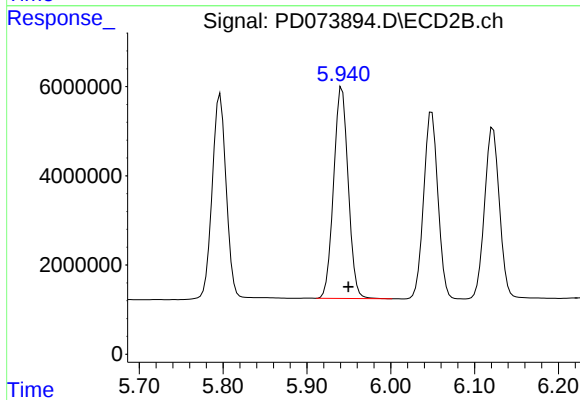
R.T.: 5.051 min  
Delta R.T.: -0.001 min  
Response: 67192323  
Conc: 482.04 ng/ml



#27 Chlordane-5

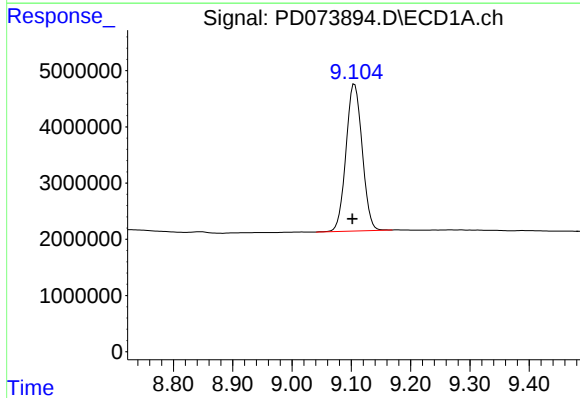
R.T.: 0.000 min  
Exp R.T.: 6.900 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



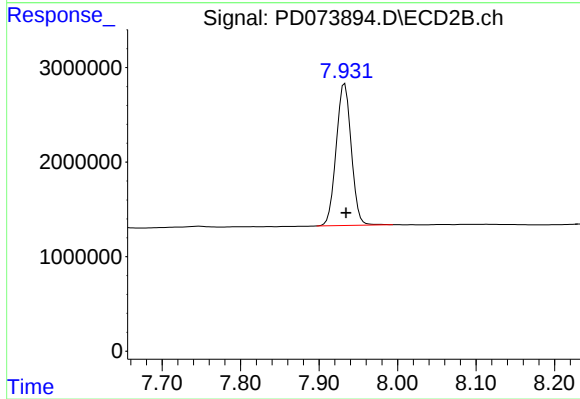
#27 Chlordane-5

R.T.: 5.942 min  
Delta R.T.: -0.008 min  
Response: 57172010  
Conc: 1137.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.106 min  
Delta R.T.: 0.004 min  
Response: 49494640  
Conc: 17.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.933 min  
Delta R.T.: -0.002 min  
Response: 20044893  
Conc: 17.23 ng/ml