

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
 Data File : PD074833.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Apr 2023 17:05  
 Operator : AR\AJ  
 Sample : 02386-04MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 20 21:52:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 18 13:17:37 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... | 3.546  | 2.769 | 25853012 | 27716384 | 10.839   | 21.262 #   |
| 2)                          | SA Decachlor... | 9.087  | 7.918 | 37662819 | 15936074 | 12.402   | 11.947     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.272 | 188.7E6  | 85321158 | 45.375   | 43.698     |
| 3)                          | MA gamma-BHC... | 4.337  | 3.602 | 198.4E6  | 88370469 | 51.109   | 48.693     |
| 4)                          | MA Heptachlor   | 4.929  | 3.943 | 197.1E6  | 92370335 | 50.385   | 49.940     |
| 5)                          | MB Aldrin       | 5.272  | 4.223 | 204.0E6  | 94818147 | 53.094   | 51.288     |
| 6)                          | B beta-BHC      | 4.531  | 3.897 | 78589358 | 36979268 | 46.847   | 45.529     |
| 7)                          | B delta-BHC     | 4.781  | 4.128 | 186.2E6  | 92697977 | 58.383   | 49.302     |
| 8)                          | B Heptachlo...  | 5.698  | 4.726 | 193.0E6  | 78809128 | 59.734   | 46.473     |
| 9)                          | A Endosulfan I  | 6.086  | 5.096 | 164.6E6  | 73400410 | 50.457   | 45.770     |
| 10)                         | B gamma-Chl...  | 5.955  | 4.976 | 200.1E6  | 97880578 | 57.687   | 56.528     |
| 11)                         | B alpha-Chl...  | 6.035  | 5.041 | 189.2E6  | 86513565 | 54.473   | 50.499     |
| 12)                         | B 4,4'-DDE      | 6.207  | 5.230 | 179.0E6  | 73525023 | 55.835   | 46.880     |
| 13)                         | MA Dieldrin     | 6.362  | 5.361 | 209.8E6  | 101.4E6  | 61.510   | 60.382     |
| 14)                         | MA Endrin       | 6.591  | 5.637 | 160.3E6  | 64187826 | 55.158   | 42.537     |
| 15)                         | B Endosulfa...  | 6.810  | 5.930 | 141.5E6  | 74138724 | 49.305   | 53.917     |
| 16)                         | A 4,4'-DDD      | 6.725  | 5.785 | 279.7E6  | 114.6E6  | 105.573  | 86.937     |
| 17)                         | MA 4,4'-DDT     | 7.040  | 6.036 | 156.5E6  | 71077798 | 53.701   | 52.627     |
| 18)                         | B Endrin al...  | 6.941  | 6.110 | 93025179 | 53199306 | 40.511   | 47.655     |
| 19)                         | B Endosulfa...  | 7.175  | 6.333 | 139.3E6  | 69355624 | 48.241   | 50.187     |
| 20)                         | A Methoxychlor  | 7.515  | 6.612 | 74420812 | 31457888 | 45.699   | 41.737     |
| 21)                         | B Endrin ke...  | 7.661  | 6.839 | 174.9E6  | 75446208 | 53.685   | 46.168     |
| 22)                         | Mirex           | 8.138  | 7.023 | 117.0E6  | 54588625 | 47.113   | 42.307     |
| 23)                         | Chlordane-1     | 4.711  | 3.754 | 6842983  | 4841475  | 59.840   | 96.668 #   |
| 24)                         | Chlordane-2     | 5.272f | 4.351 | 204.0E6  | 4243117  | 1559.300 | 71.593 #   |
| 25)                         | Chlordane-3     | 5.955  | 4.976 | 200.1E6  | 97880578 | 404.123  | 581.744 #  |
| 26)                         | Chlordane-4     | 6.035  | 5.041 | 189.2E6  | 86513565 | 312.131  | 534.052 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.930 | 0        | 74138724 | N.D.     | 1232.008 # |
| -----                       |                 |        |       |          |          |          |            |

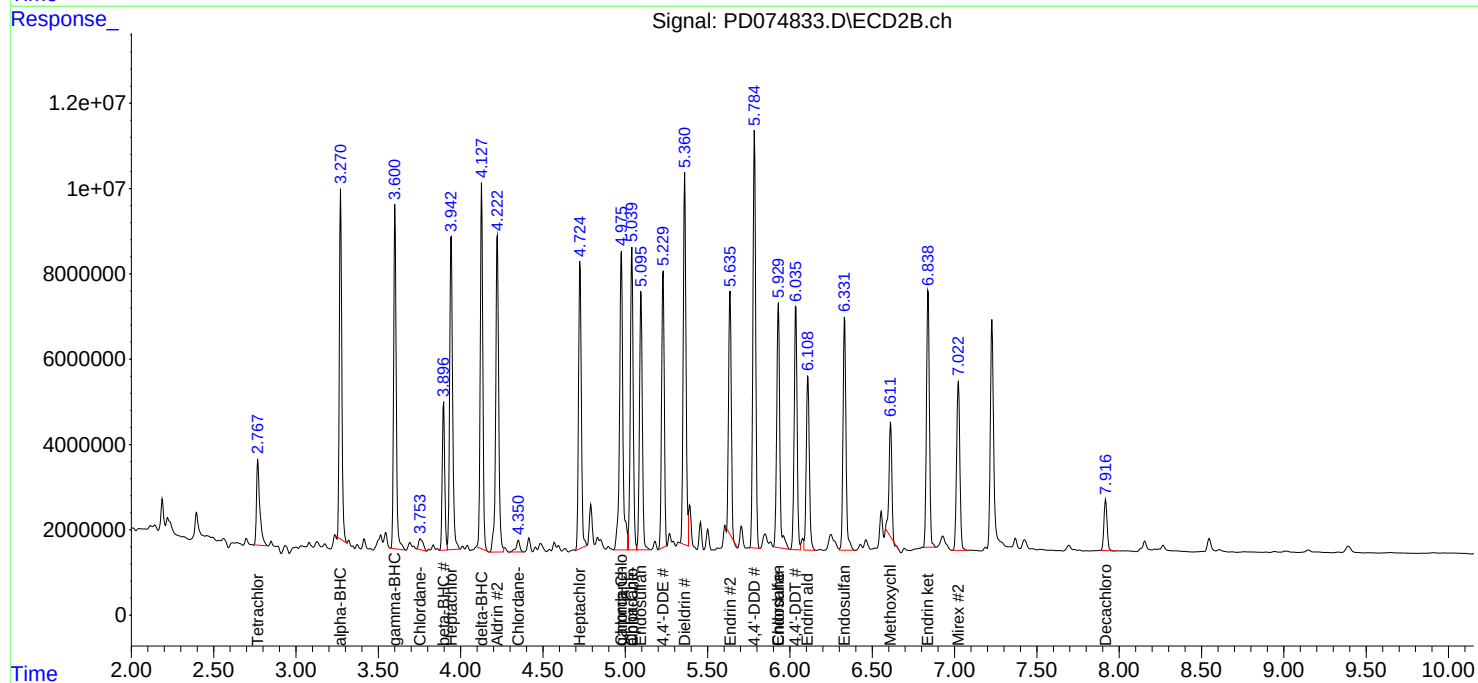
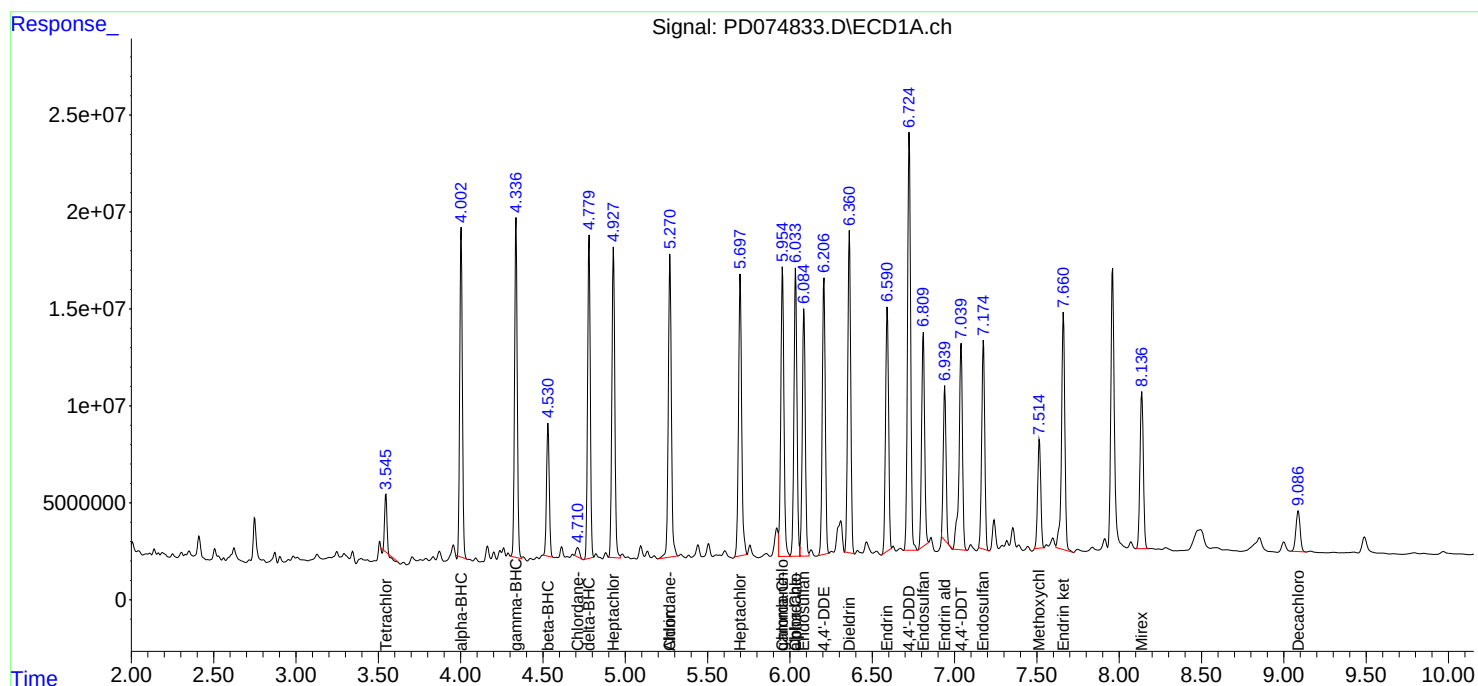
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

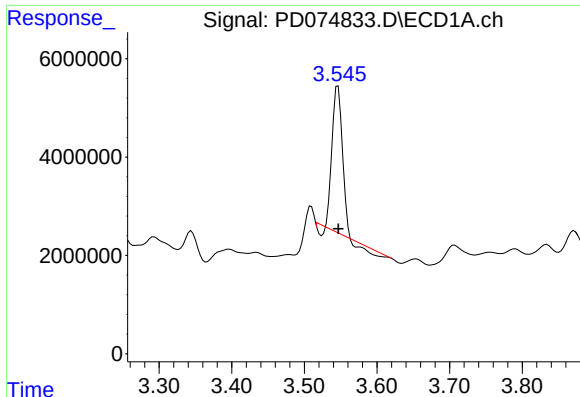
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042123\  
Data File : PD074833.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Apr 2023 17:05  
Operator : AR\AJ  
Sample : 02386-04MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 20 21:52:28 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041823.M  
Quant Title : GC Extractables  
QLast Update : Tue Apr 18 13:17:37 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

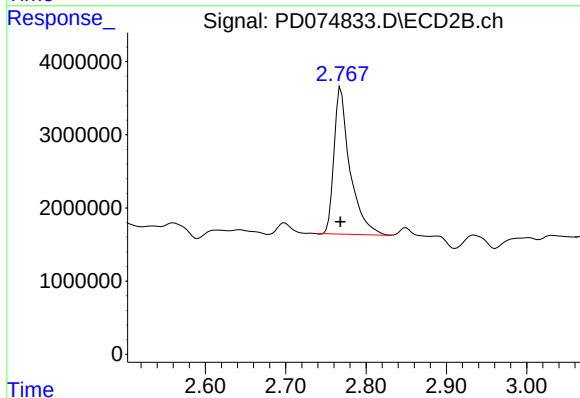




#1 Tetrachloro-m-xylene

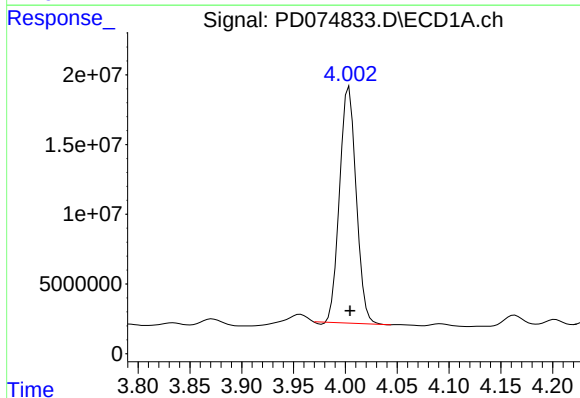
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 25853012  
Conc: 10.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



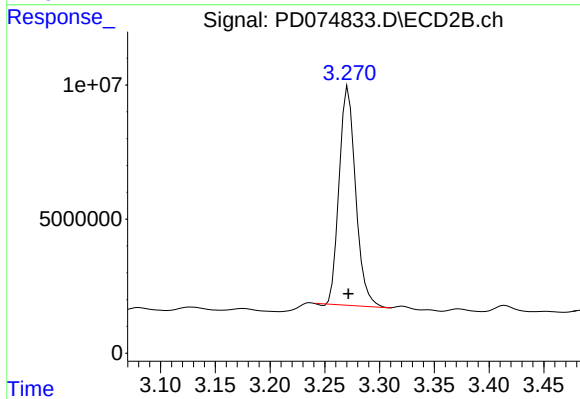
#1 Tetrachloro-m-xylene

R.T.: 2.769 min  
Delta R.T.: 0.000 min  
Response: 27716384  
Conc: 21.26 ng/ml



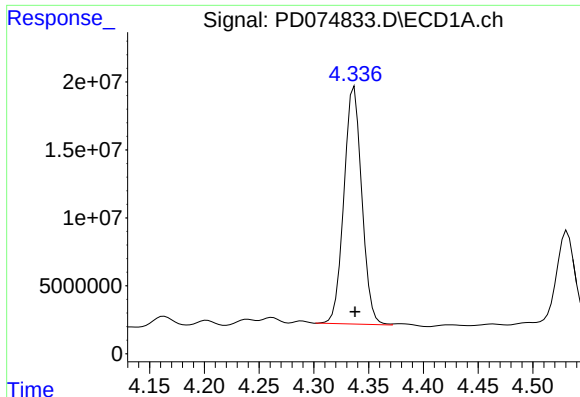
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: -0.001 min  
Response: 188726030  
Conc: 45.38 ng/ml



#2 alpha-BHC

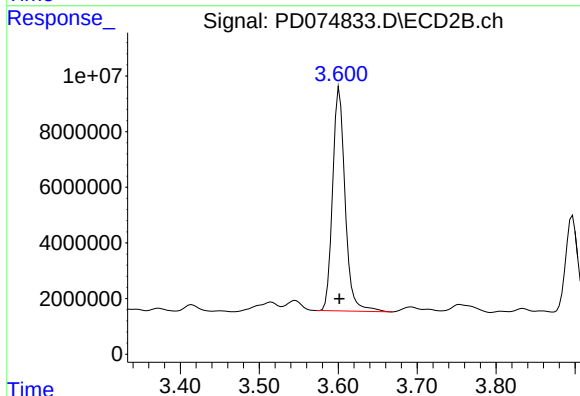
R.T.: 3.272 min  
Delta R.T.: 0.000 min  
Response: 85321158  
Conc: 43.70 ng/ml



#3 gamma-BHC (Lindane)

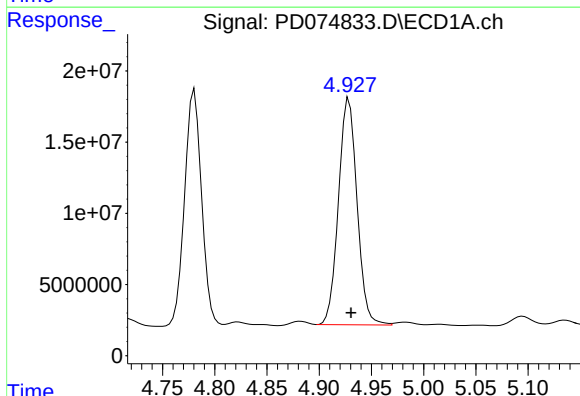
R.T.: 4.337 min  
Delta R.T.: 0.000 min  
Response: 198361560  
Conc: 51.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



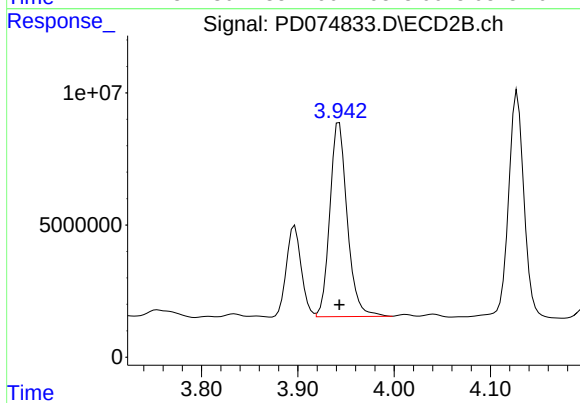
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: 0.000 min  
Response: 88370469  
Conc: 48.69 ng/ml



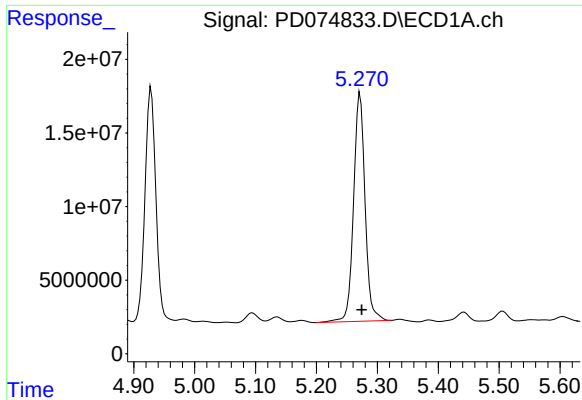
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: -0.002 min  
Response: 197065763  
Conc: 50.39 ng/ml



#4 Heptachlor

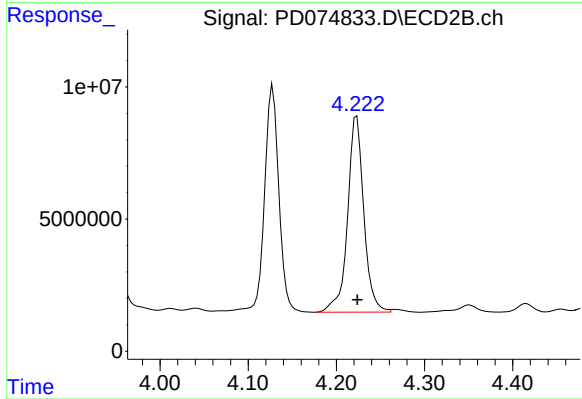
R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 92370335  
Conc: 49.94 ng/ml



#5 Aldrin

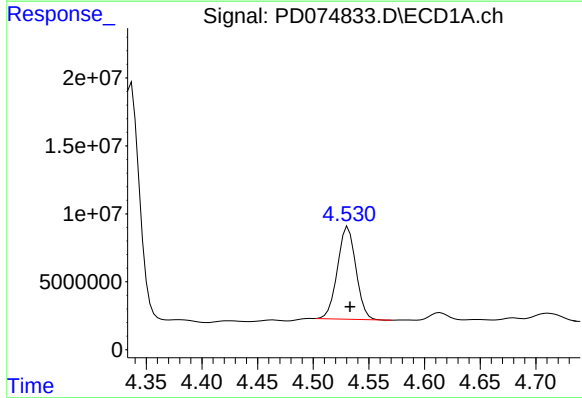
R.T.: 5.272 min  
Delta R.T.: -0.003 min  
Response: 204031665  
Conc: 53.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



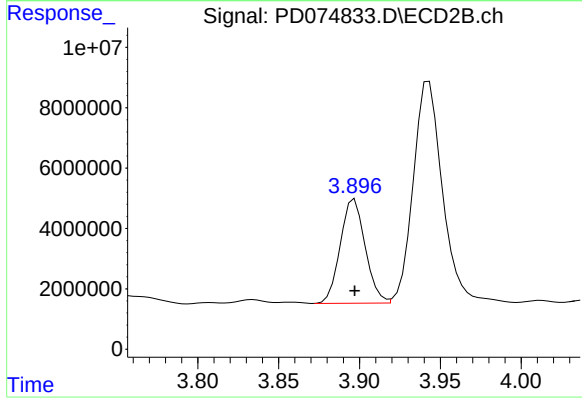
#5 Aldrin

R.T.: 4.223 min  
Delta R.T.: 0.000 min  
Response: 94818147  
Conc: 51.29 ng/ml



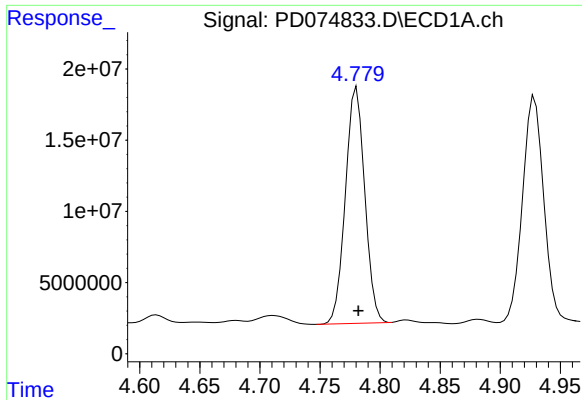
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: -0.002 min  
Response: 78589358  
Conc: 46.85 ng/ml



#6 beta-BHC

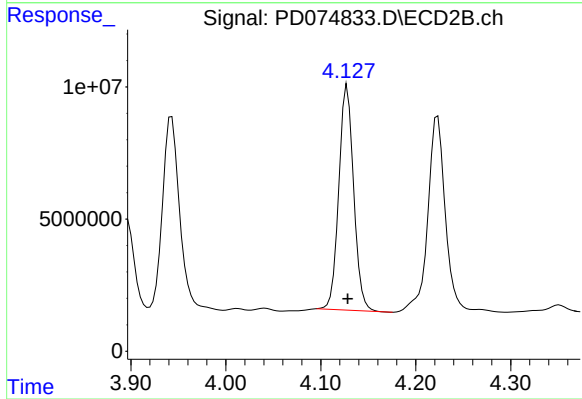
R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 36979268  
Conc: 45.53 ng/ml



#7 delta-BHC

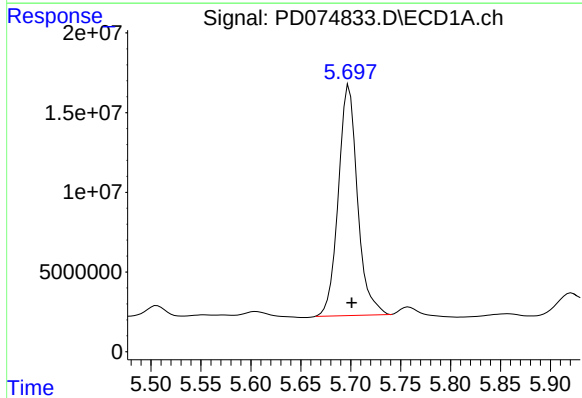
R.T.: 4.781 min  
Delta R.T.: -0.002 min  
Response: 186158814  
Conc: 58.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



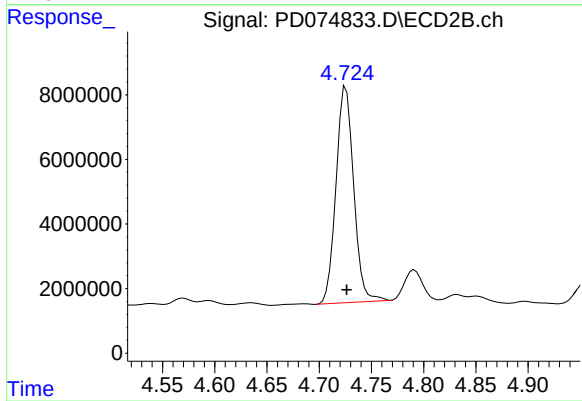
#7 delta-BHC

R.T.: 4.128 min  
Delta R.T.: 0.000 min  
Response: 92697977  
Conc: 49.30 ng/ml



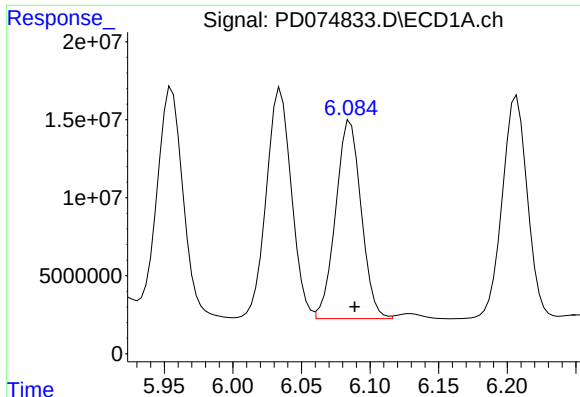
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: -0.003 min  
Response: 193018914  
Conc: 59.73 ng/ml



#8 Heptachlor epoxide

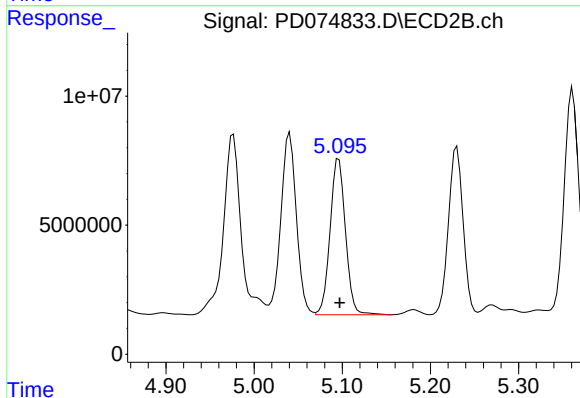
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 78809128  
Conc: 46.47 ng/ml



#9 Endosulfan I

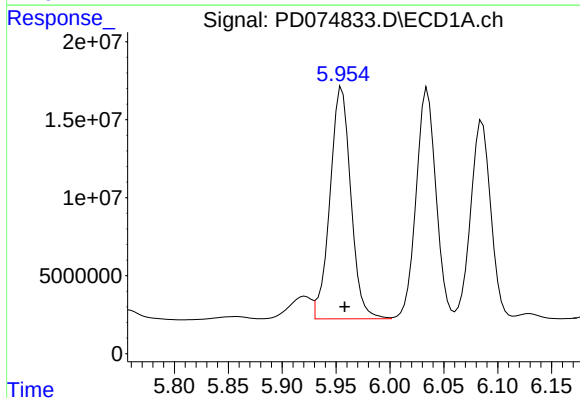
R.T.: 6.086 min  
Delta R.T.: -0.003 min  
Response: 164632866  
Conc: 50.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



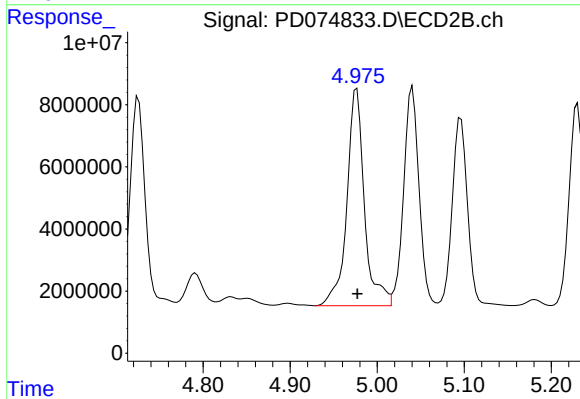
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: -0.001 min  
Response: 73400410  
Conc: 45.77 ng/ml



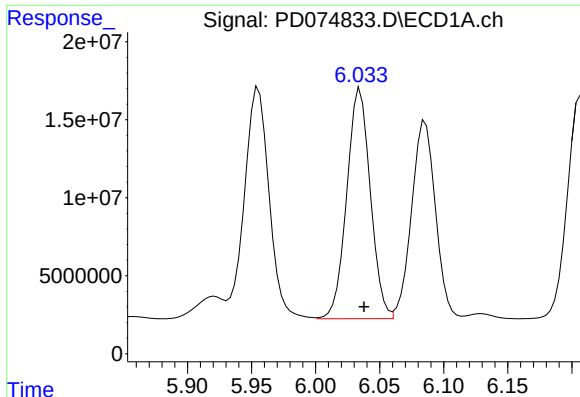
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: -0.003 min  
Response: 200055981  
Conc: 57.69 ng/ml



#10 gamma-Chlordane

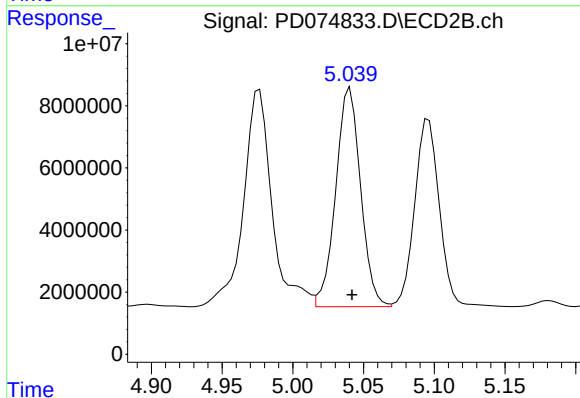
R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 97880578  
Conc: 56.53 ng/ml



#11 alpha-Chlordane

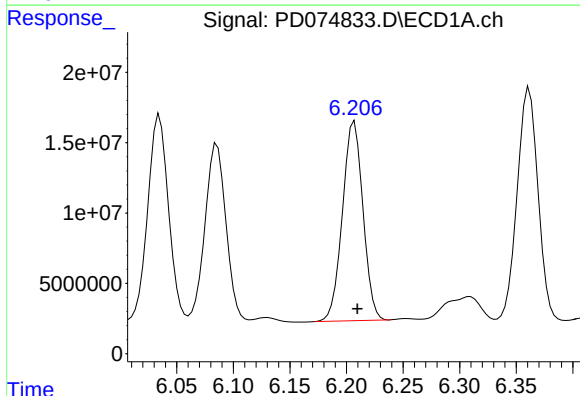
R.T.: 6.035 min  
Delta R.T.: -0.003 min  
Response: 189233643  
Conc: 54.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



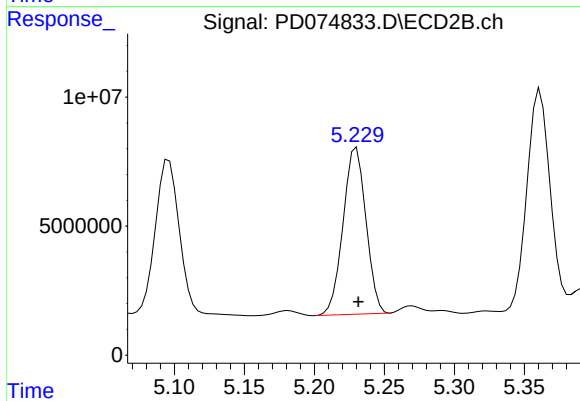
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: -0.001 min  
Response: 86513565  
Conc: 50.50 ng/ml



#12 4,4'-DDE

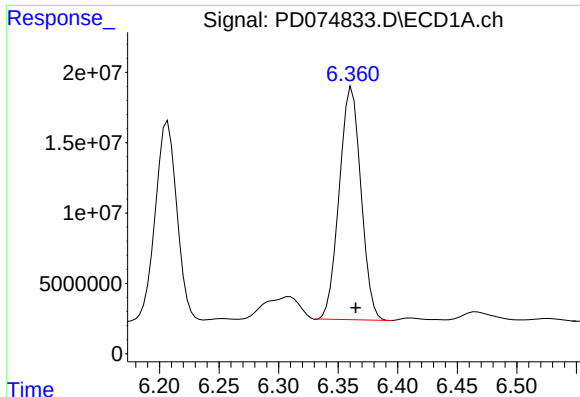
R.T.: 6.207 min  
Delta R.T.: -0.003 min  
Response: 179004681  
Conc: 55.83 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min  
Delta R.T.: -0.001 min  
Response: 73525023  
Conc: 46.88 ng/ml

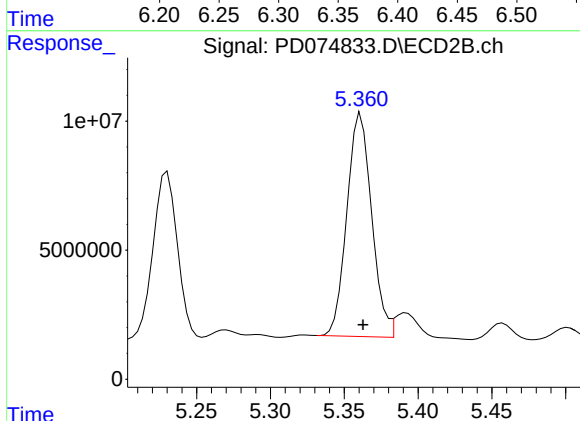




#13 Dieldrin

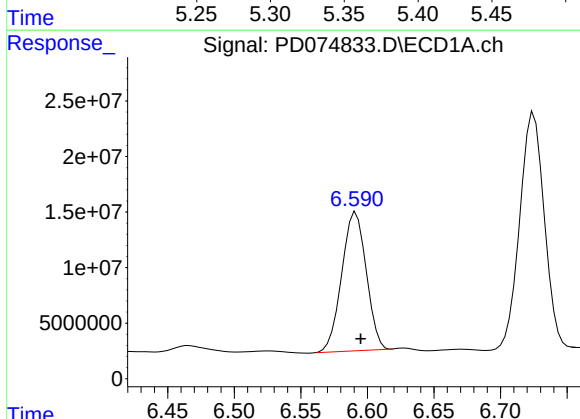
R.T.: 6.362 min  
Delta R.T.: -0.003 min  
Response: 209811760  
Conc: 61.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



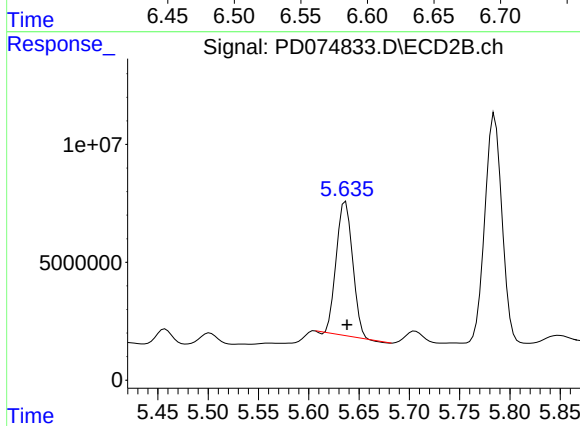
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: -0.001 min  
Response: 101376960  
Conc: 60.38 ng/ml



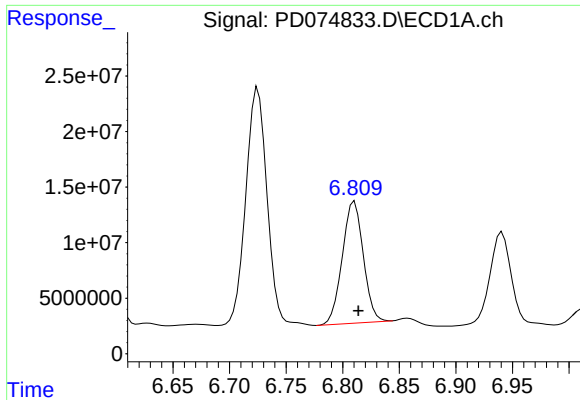
#14 Endrin

R.T.: 6.591 min  
Delta R.T.: -0.003 min  
Response: 160262471  
Conc: 55.16 ng/ml



#14 Endrin

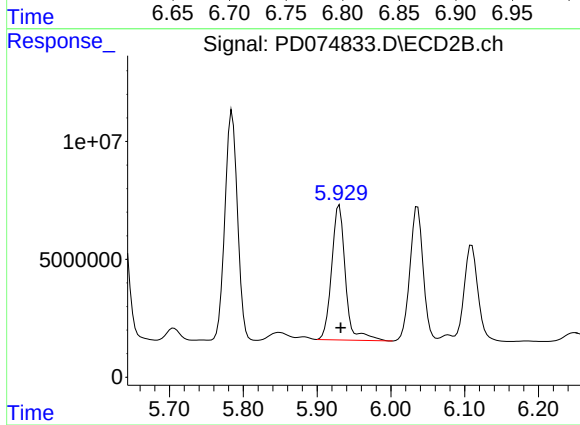
R.T.: 5.637 min  
Delta R.T.: -0.002 min  
Response: 64187826  
Conc: 42.54 ng/ml



#15 Endosulfan II

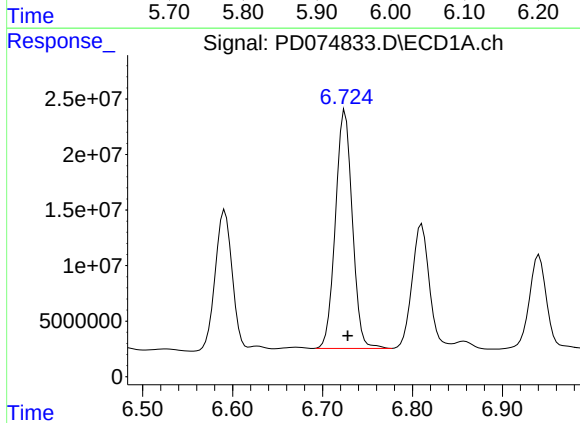
R.T.: 6.810 min  
Delta R.T.: -0.004 min  
Response: 141463187  
Conc: 49.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



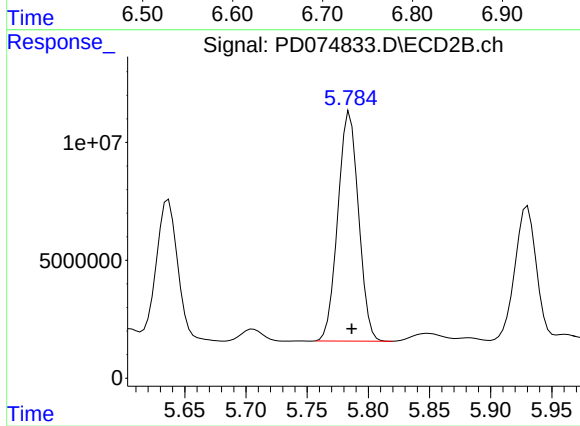
#15 Endosulfan II

R.T.: 5.930 min  
Delta R.T.: -0.002 min  
Response: 74138724  
Conc: 53.92 ng/ml



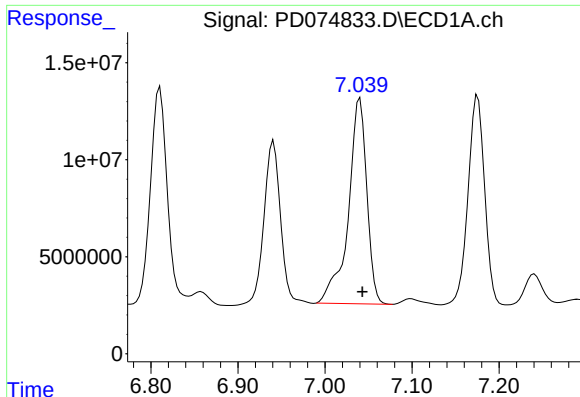
#16 4,4'-DDD

R.T.: 6.725 min  
Delta R.T.: -0.003 min  
Response: 279742369  
Conc: 105.57 ng/ml



#16 4,4'-DDD

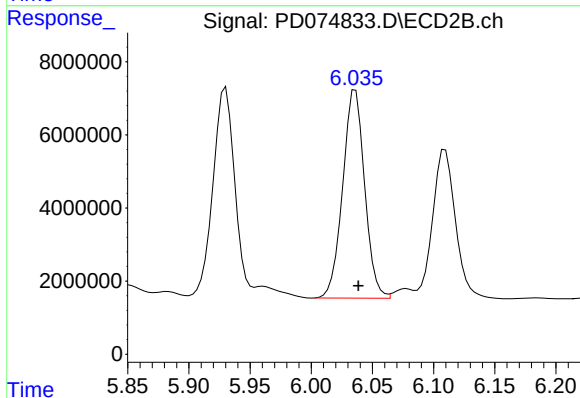
R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 114615772  
Conc: 86.94 ng/ml



#17 4,4'-DDT

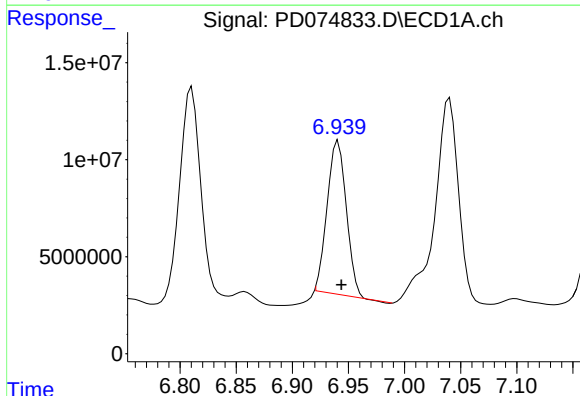
R.T.: 7.040 min  
Delta R.T.: -0.003 min  
Response: 156460708  
Conc: 53.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



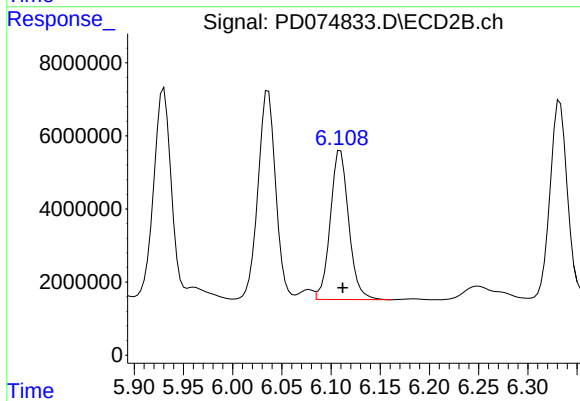
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 71077798  
Conc: 52.63 ng/ml



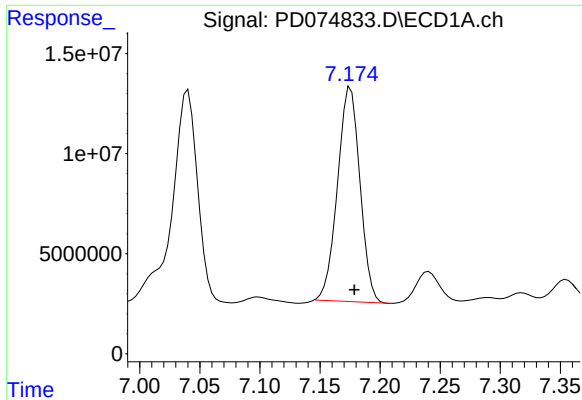
#18 Endrin aldehyde

R.T.: 6.941 min  
Delta R.T.: -0.003 min  
Response: 93025179  
Conc: 40.51 ng/ml



#18 Endrin aldehyde

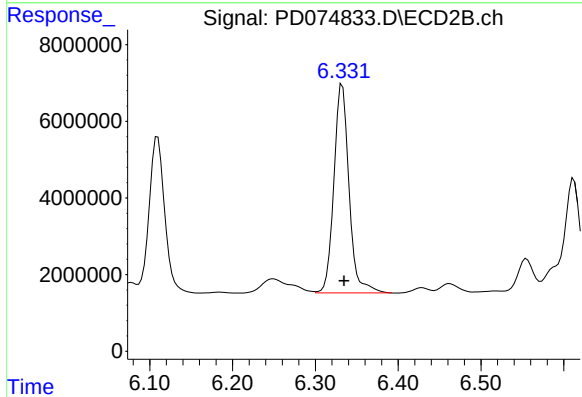
R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 53199306  
Conc: 47.66 ng/ml



#19 Endosulfan Sulfate

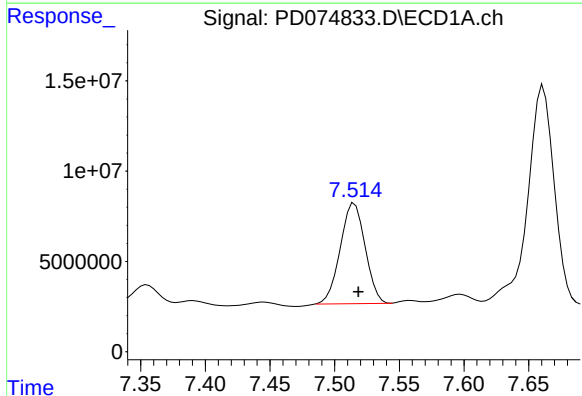
R.T.: 7.175 min  
Delta R.T.: -0.003 min  
Response: 139341031  
Conc: 48.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



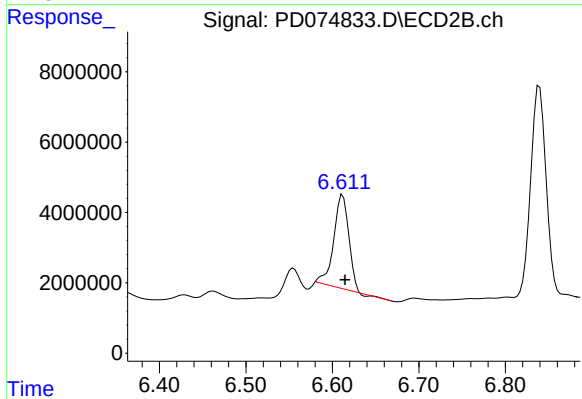
#19 Endosulfan Sulfate

R.T.: 6.333 min  
Delta R.T.: -0.002 min  
Response: 69355624  
Conc: 50.19 ng/ml



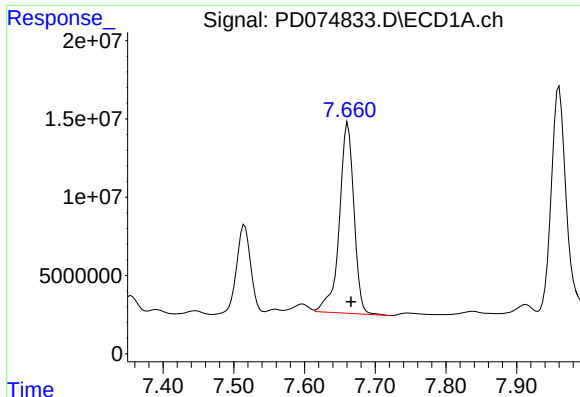
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: -0.003 min  
Response: 74420812  
Conc: 45.70 ng/ml



#20 Methoxychlor

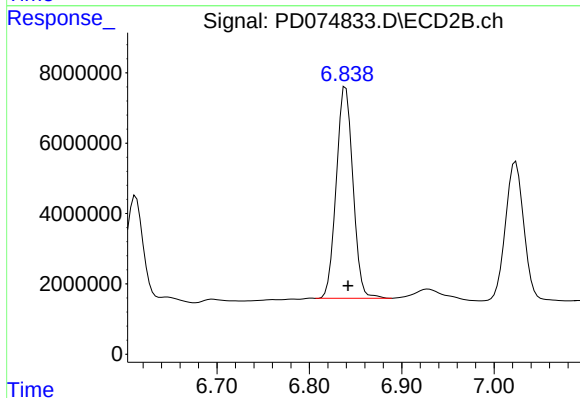
R.T.: 6.612 min  
Delta R.T.: -0.002 min  
Response: 31457888  
Conc: 41.74 ng/ml



#21 Endrin ketone

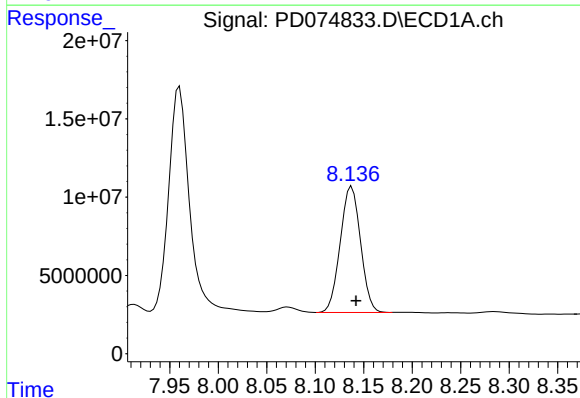
R.T.: 7.661 min  
Delta R.T.: -0.004 min  
Response: 174855498  
Conc: 53.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



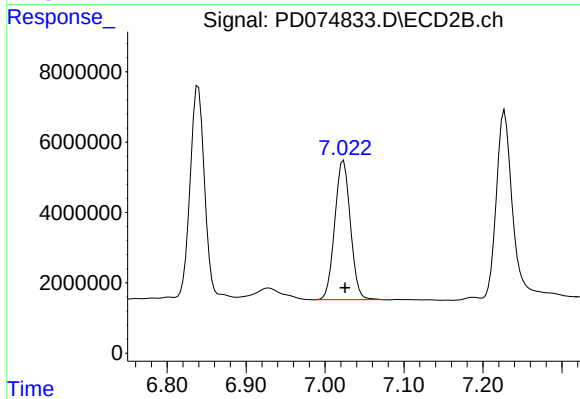
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: -0.003 min  
Response: 75446208  
Conc: 46.17 ng/ml



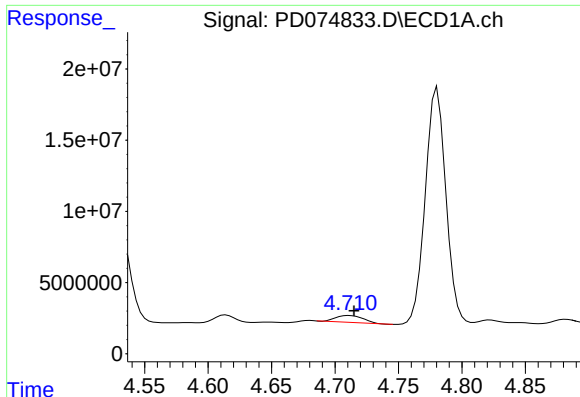
#22 Mirex

R.T.: 8.138 min  
Delta R.T.: -0.005 min  
Response: 116987008  
Conc: 47.11 ng/ml



#22 Mirex

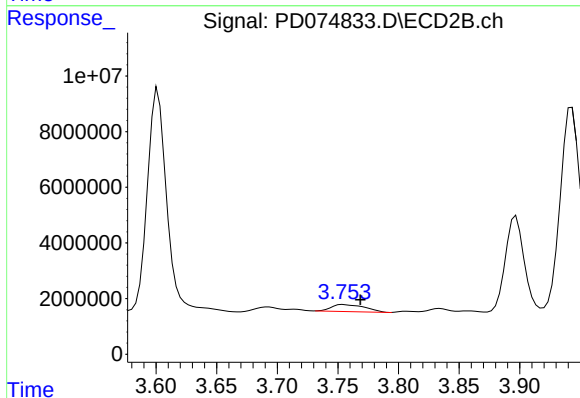
R.T.: 7.023 min  
Delta R.T.: -0.002 min  
Response: 54588625  
Conc: 42.31 ng/ml



#23 Chlordane-1

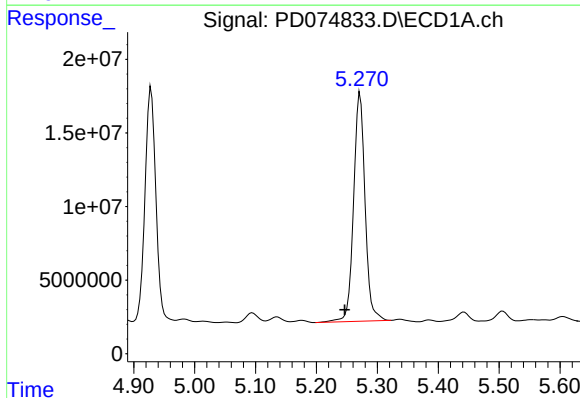
R.T.: 4.711 min  
Delta R.T.: -0.004 min  
Response: 6842983  
Conc: 59.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



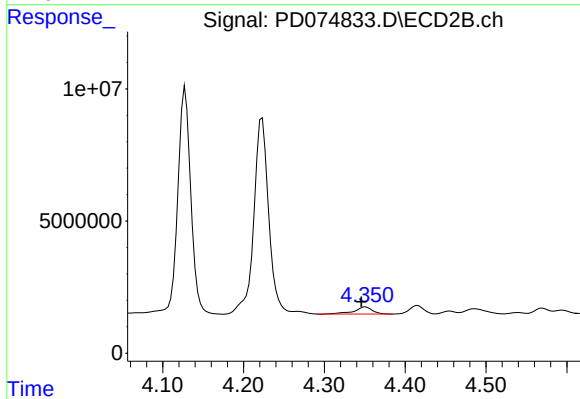
#23 Chlordane-1

R.T.: 3.754 min  
Delta R.T.: -0.014 min  
Response: 4841475  
Conc: 96.67 ng/ml



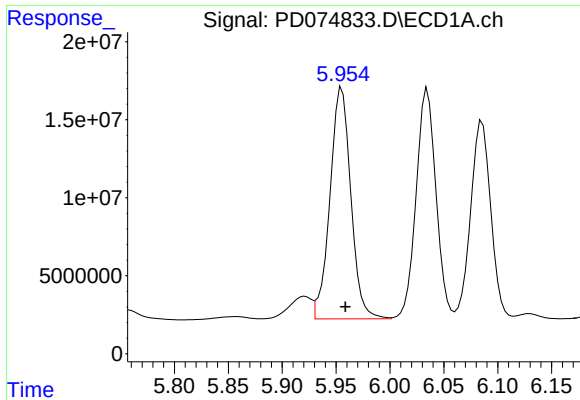
#24 Chlordane-2

R.T.: 5.272 min  
Delta R.T.: 0.025 min  
Response: 204031665  
Conc: 1559.30 ng/ml



#24 Chlordane-2

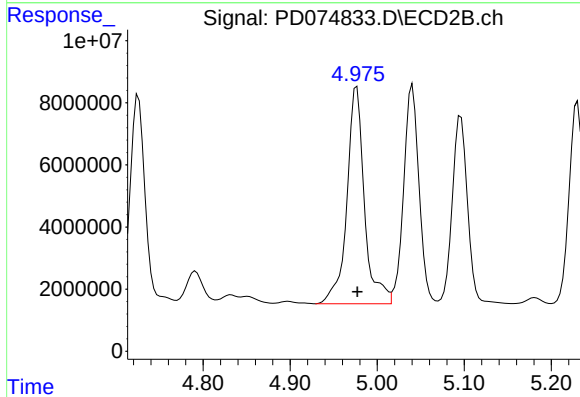
R.T.: 4.351 min  
Delta R.T.: 0.005 min  
Response: 4243117  
Conc: 71.59 ng/ml



#25 Chlordane-3

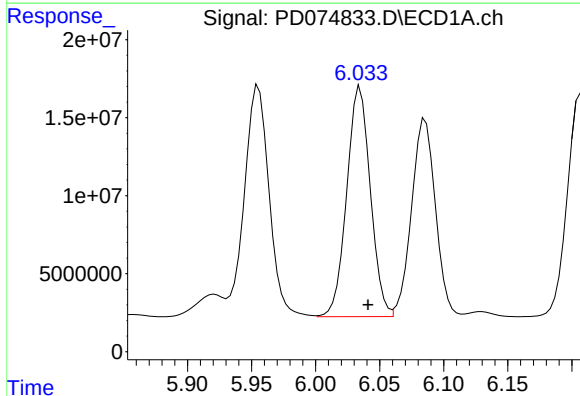
R.T.: 5.955 min  
Delta R.T.: -0.003 min  
Response: 200055981  
Conc: 404.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



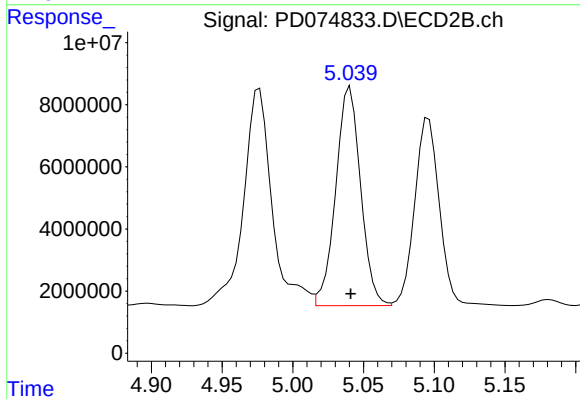
#25 Chlordane-3

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 97880578  
Conc: 581.74 ng/ml



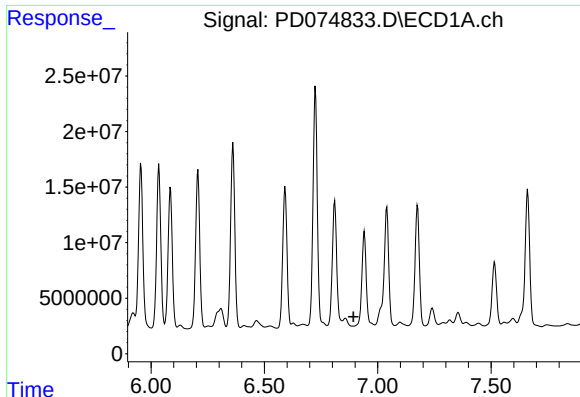
#26 Chlordane-4

R.T.: 6.035 min  
Delta R.T.: -0.006 min  
Response: 189233643  
Conc: 312.13 ng/ml



#26 Chlordane-4

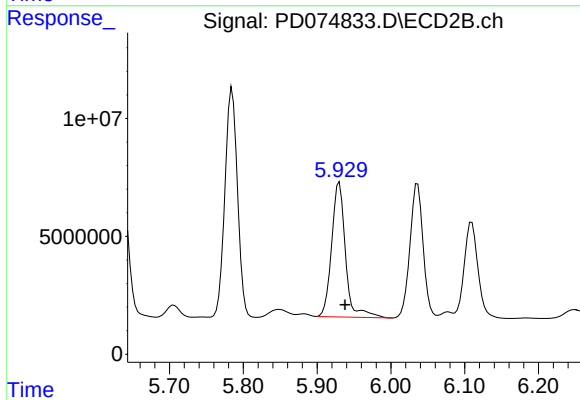
R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 86513565  
Conc: 534.05 ng/ml



#27 Chlordane-5

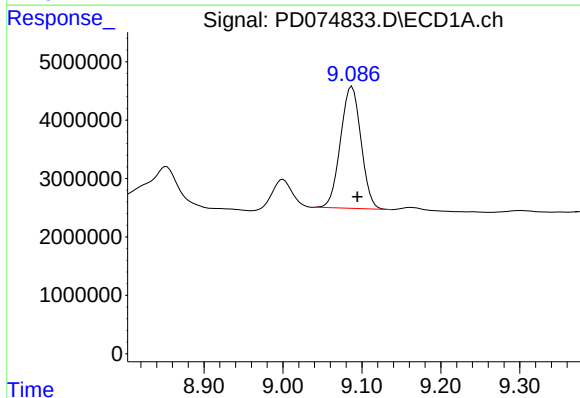
R.T.: 0.000 min  
Exp R.T.: 6.893 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



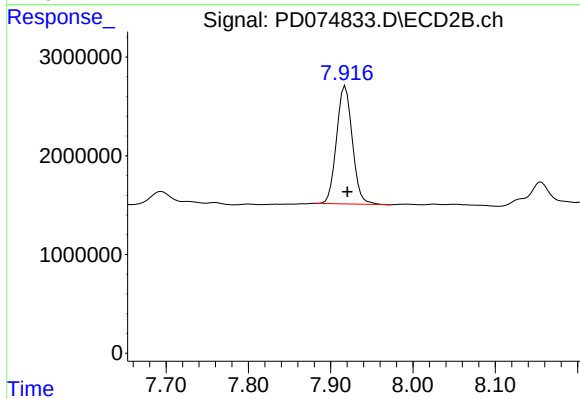
#27 Chlordane-5

R.T.: 5.930 min  
Delta R.T.: -0.008 min  
Response: 74138724  
Conc: 1232.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: -0.007 min  
Response: 37662819  
Conc: 12.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.918 min  
Delta R.T.: -0.003 min  
Response: 15936074  
Conc: 11.95 ng/ml