

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080422\  
 Data File : PD071322.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2022 13:26  
 Operator : AR\AJ  
 Sample : N3980-01  
 Misc : PEST LOD 1 PPB  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 03:19:33 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 03:39:07 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1  | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|-------|--------|----------|----------|--------|----------|
| -----                       |                 |       |        |          |          |        |          |
| System Monitoring Compounds |                 |       |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 2.815 | 3.574  | 44362795 | 503.5E6  | 15.643 | 17.885   |
| 28)                         | SA Decachlor... | 8.016 | 9.105  | 46833562 | 192.4E6  | 16.886 | 18.582   |
| Target Compounds            |                 |       |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.324 | 4.040  | 3808770  | 50158635 | 0.908  | 1.351 #  |
| 3)                          | MA gamma-BHC... | 3.659 | 4.376  | 3343567  | 38064278 | 0.836  | 1.271 #  |
| 4)                          | MA Heptachlor   | 4.006 | 4.954  | 3522746  | 30946740 | 0.831  | 1.464 #  |
| 5)                          | MB Aldrin       | 4.290 | 5.297  | 3703320  | 23513403 | 0.908  | 1.331 #  |
| 6)                          | B beta-BHC      | 3.957 | 4.582  | 1597851  | 15247551 | 0.935  | 1.287 #  |
| 7)                          | B delta-BHC     | 4.191 | 4.830  | 3252654  | 24520640 | 0.829  | 1.232 #  |
| 8)                          | B Heptachlo...  | 4.797 | 5.728  | 3535578  | 23489779 | 0.965  | 1.797 #  |
| 9)                          | A Endosulfan I  | 5.172 | 6.117  | 3384898  | 17550101 | 0.988  | 1.276 #  |
| 10)                         | B gamma-Chl...  | 5.051 | 5.983  | 3821654  | 18697885 | 1.006  | 1.273 #  |
| 11)                         | B alpha-Chl...  | 5.116 | 6.061  | 3661307  | 18293616 | 0.985  | 1.262 #  |
| 12)                         | B 4,4'-DDE      | 5.306 | 6.233  | 2961551  | 17436926 | 0.865  | 1.220 #  |
| 13)                         | MA Dieldrin     | 5.439 | 6.394  | 3335521  | 18382181 | 0.921  | 1.251 #  |
| 14)                         | MA Endrin       | 5.717 | 6.627  | 3018895  | 12759810 | 0.953  | 1.020    |
| 15)                         | B Endosulfa...  | 6.012 | 6.852  | 3063815  | 15685583 | 1.019  | 1.265    |
| 16)                         | A 4,4'-DDD      | 5.865 | 6.757  | 2893886  | 14271211 | 1.015  | 1.200    |
| 17)                         | MA 4,4'-DDT     | 6.119 | 7.069  | 2213385  | 13677887 | 0.750  | 1.049 #  |
| 18)                         | B Endrin al...  | 6.193 | 6.983  | 2229532  | 11915736 | 1.011  | 1.230    |
| 19)                         | B Endosulfa...  | 6.417 | 7.215  | 3466526  | 15232143 | 1.205  | 1.277    |
| 20)                         | A Methoxychlor  | 6.700 | 7.544  | 1510442  | 10495557 | 0.916  | 1.523 #  |
| 21)                         | B Endrin ke...  | 6.928 | 7.708  | 3809945  | 18896777 | 1.170  | 1.408    |
| 22)                         | Mirex           | 7.116 | 8.169  | 3029740  | 10076164 | 1.238  | 1.171    |
| 24)                         | Chlordane-2     | 0.000 | 5.297f | 0        | 23513403 | N.D.   | 39.254 # |
| 25)                         | Chlordane-3     | 5.051 | 5.983  | 3821654  | 18697885 | 11.192 | 10.086   |
| 26)                         | Chlordane-4     | 5.116 | 6.061  | 3661307  | 18293616 | 11.541 | 8.393 #  |
| 27)                         | Chlordane-5     | 6.012 | 0.000  | 3063815  | 0        | 25.340 | N.D. #   |
| -----                       |                 |       |        |          |          |        |          |

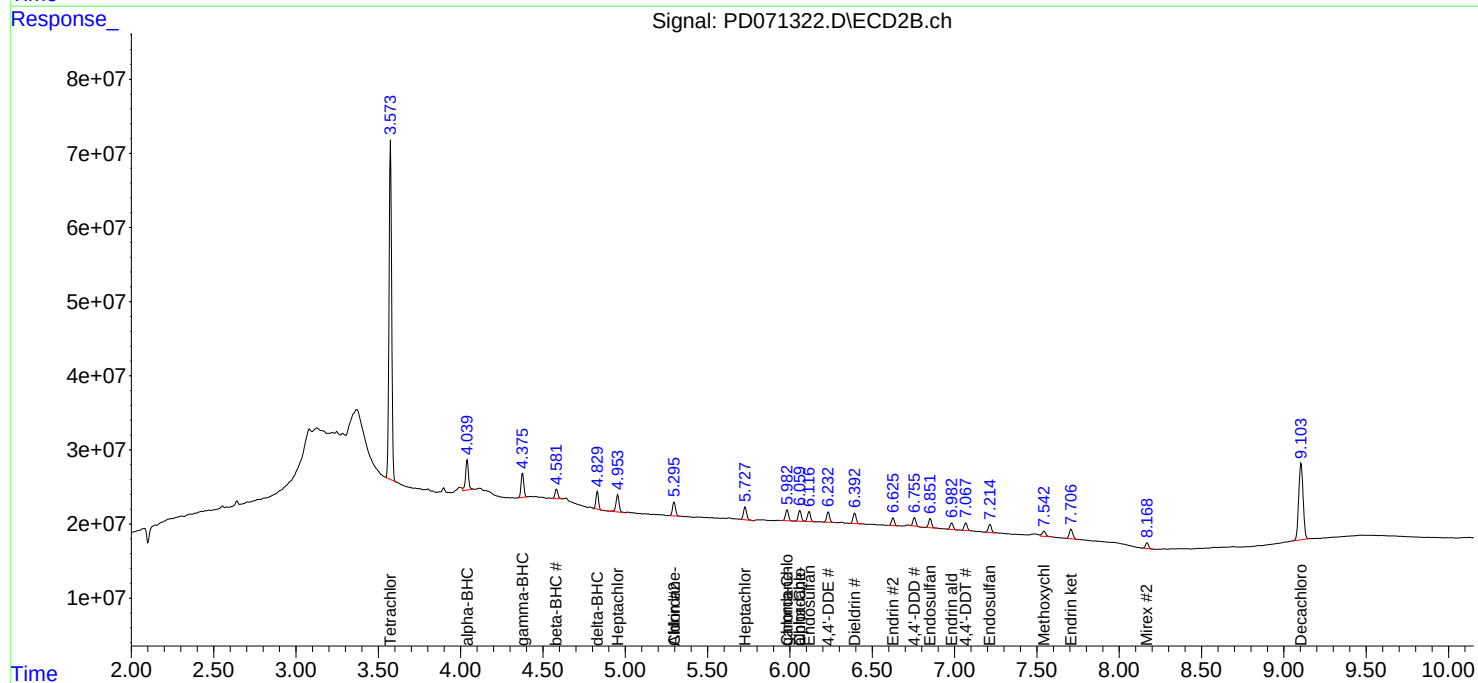
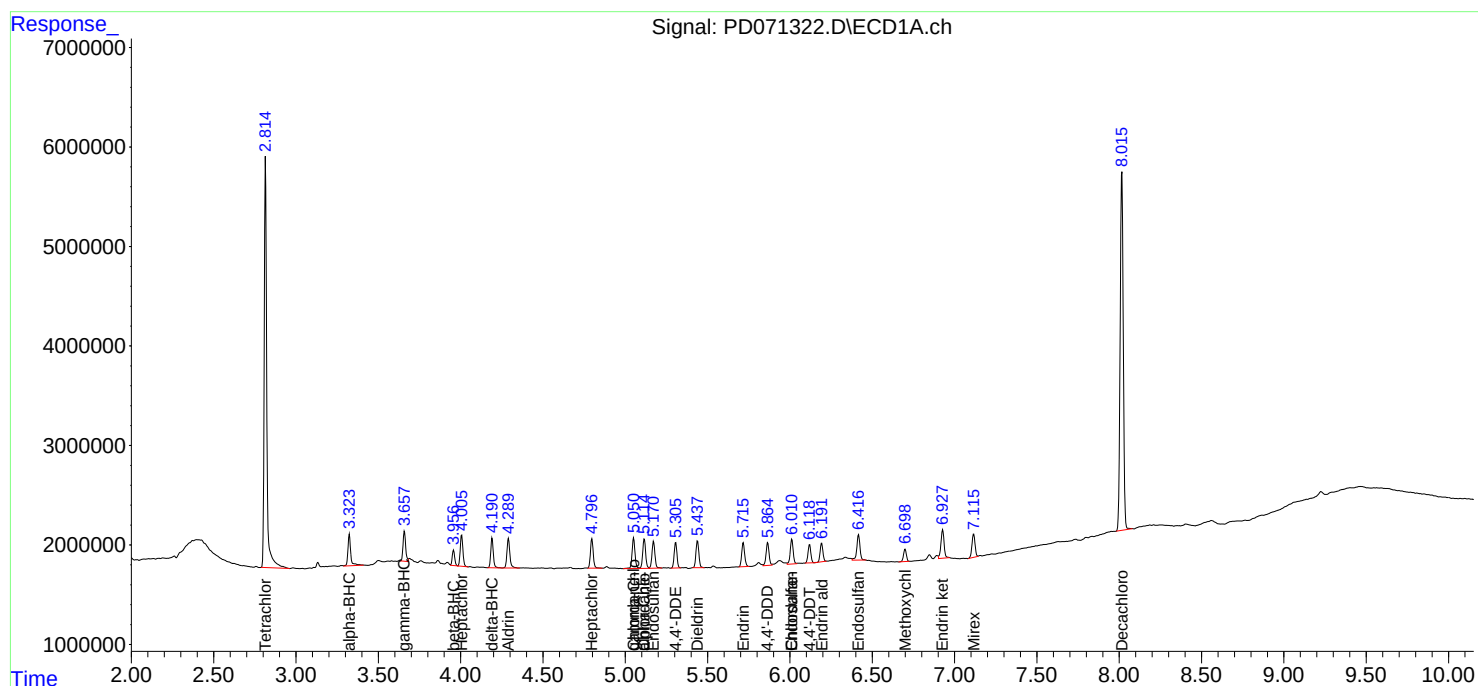
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

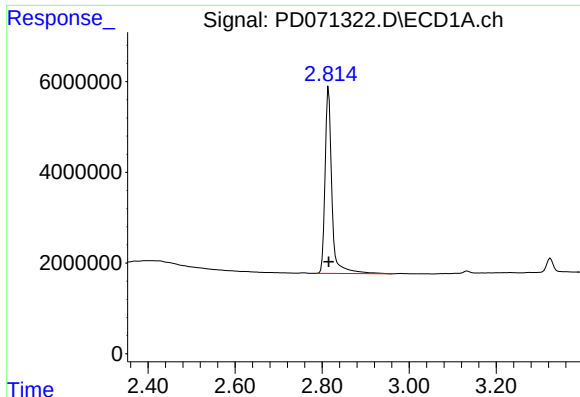
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080422\  
Data File : PD071322.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2022 13:26  
Operator : AR\AJ  
Sample : N3980-01  
Misc : PEST LOD 1 PPB  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 03:19:33 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 03:39:07 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

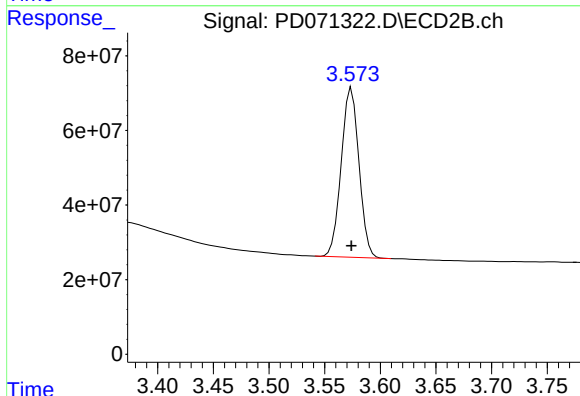




#1 Tetrachloro-m-xylene

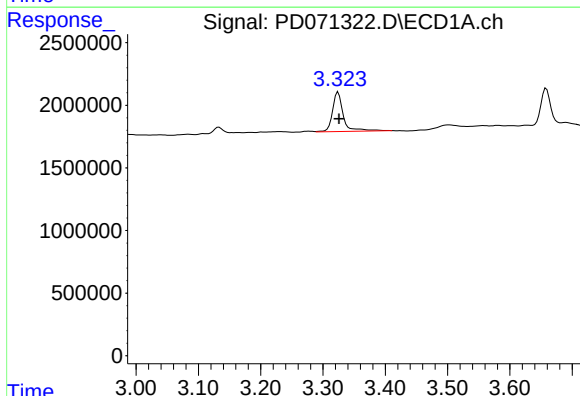
R.T.: 2.815 min  
Delta R.T.: 0.000 min  
Response: 44362795  
Conc: 15.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



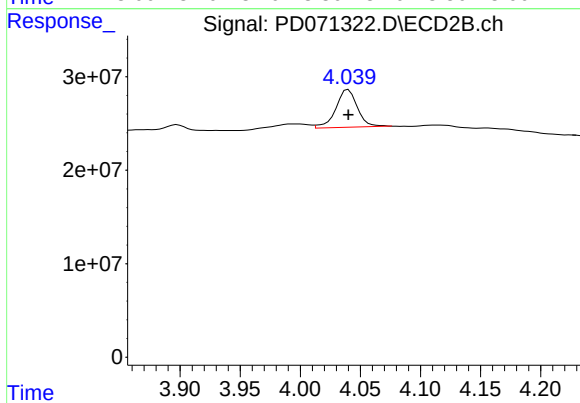
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 503458276  
Conc: 17.88 ng/ml



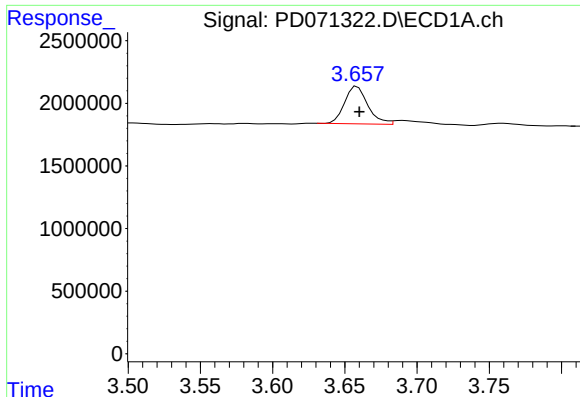
#2 alpha-BHC

R.T.: 3.324 min  
Delta R.T.: -0.002 min  
Response: 3808770  
Conc: 0.91 ng/ml



#2 alpha-BHC

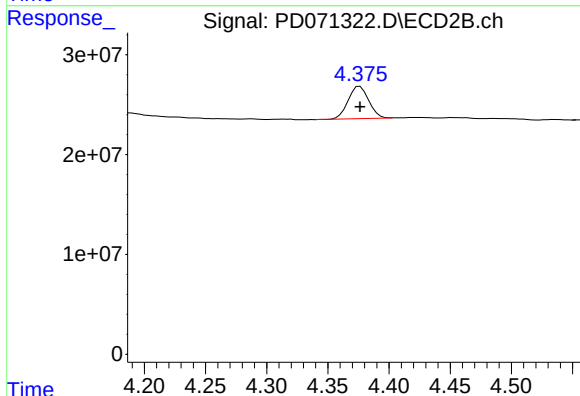
R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 50158635  
Conc: 1.35 ng/ml



#3 gamma-BHC (Lindane)

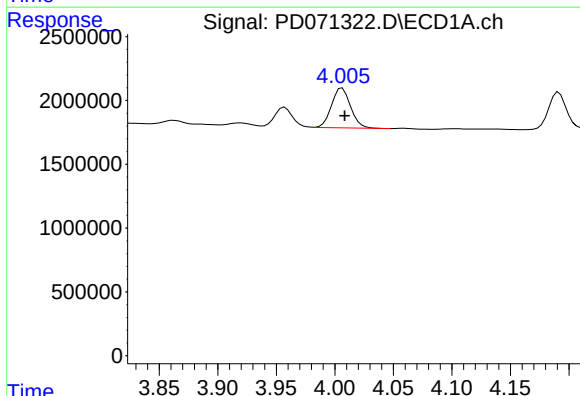
R.T.: 3.659 min  
Delta R.T.: -0.001 min  
Response: 3343567  
Conc: 0.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



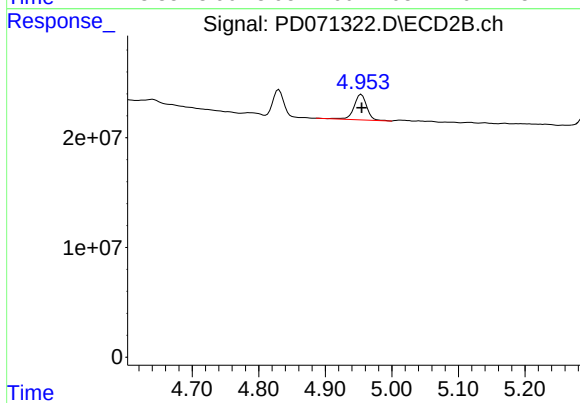
#3 gamma-BHC (Lindane)

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 38064278  
Conc: 1.27 ng/ml



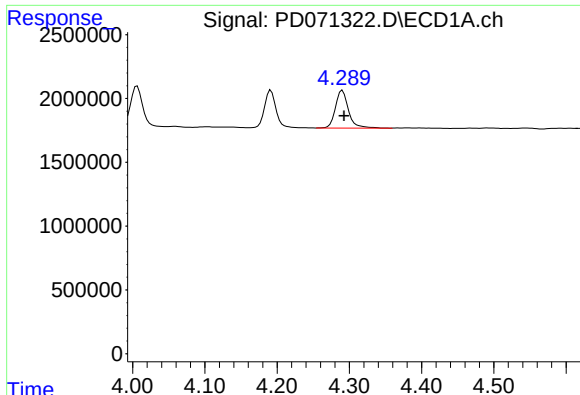
#4 Heptachlor

R.T.: 4.006 min  
Delta R.T.: -0.002 min  
Response: 3522746  
Conc: 0.83 ng/ml



#4 Heptachlor

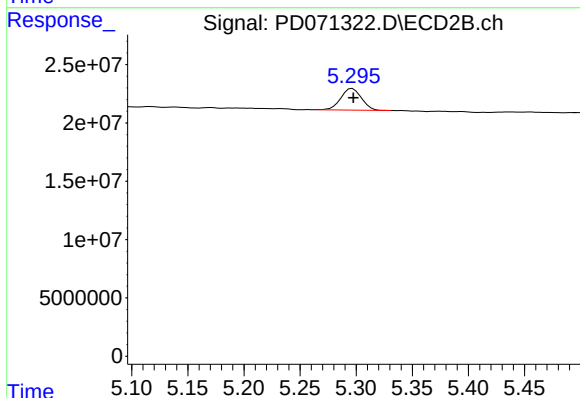
R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 30946740  
Conc: 1.46 ng/ml



#5 Aldrin

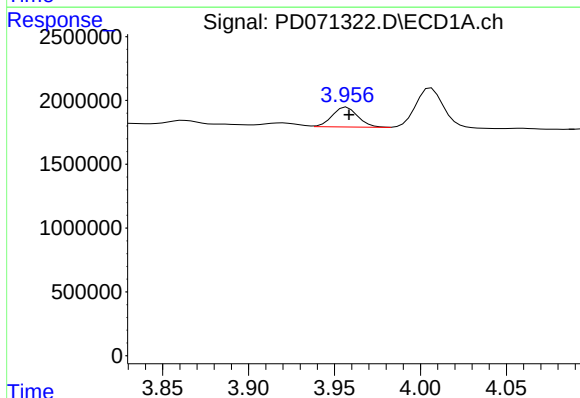
R.T.: 4.290 min  
Delta R.T.: -0.002 min  
Response: 3703320  
Conc: 0.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



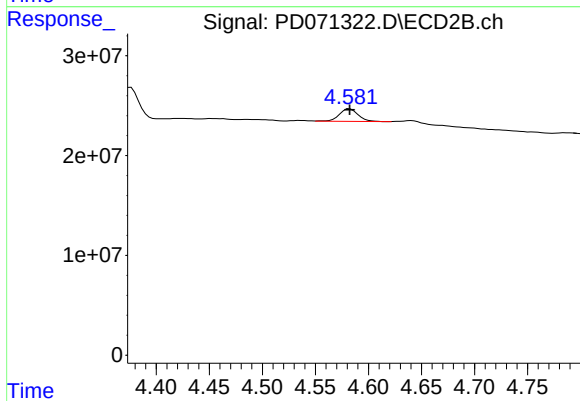
#5 Aldrin

R.T.: 5.297 min  
Delta R.T.: 0.000 min  
Response: 23513403  
Conc: 1.33 ng/ml



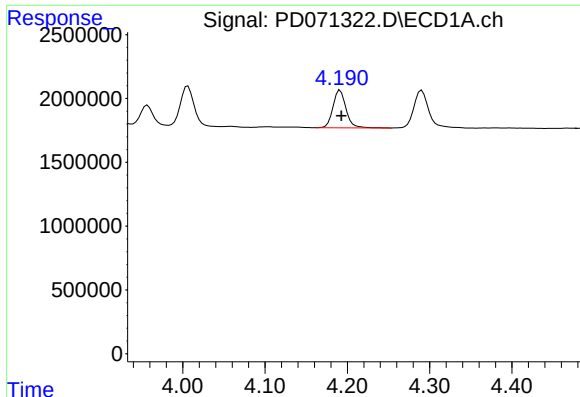
#6 beta-BHC

R.T.: 3.957 min  
Delta R.T.: -0.001 min  
Response: 1597851  
Conc: 0.94 ng/ml



#6 beta-BHC

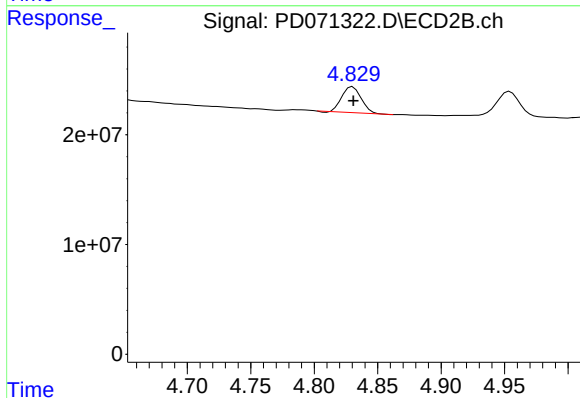
R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 15247551  
Conc: 1.29 ng/ml



#7 delta-BHC

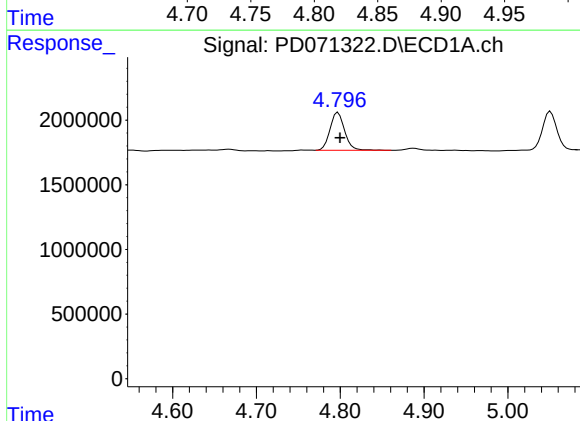
R.T.: 4.191 min  
Delta R.T.: -0.002 min  
Response: 3252654  
Conc: 0.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



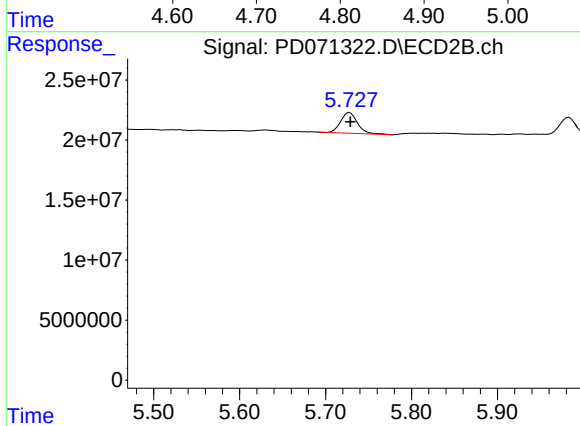
#7 delta-BHC

R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 24520640  
Conc: 1.23 ng/ml



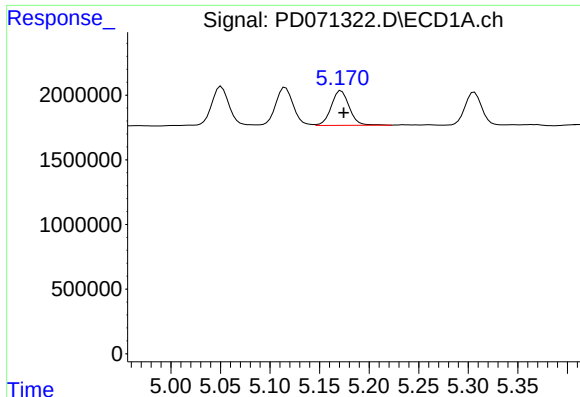
#8 Heptachlor epoxide

R.T.: 4.797 min  
Delta R.T.: -0.002 min  
Response: 3535578  
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

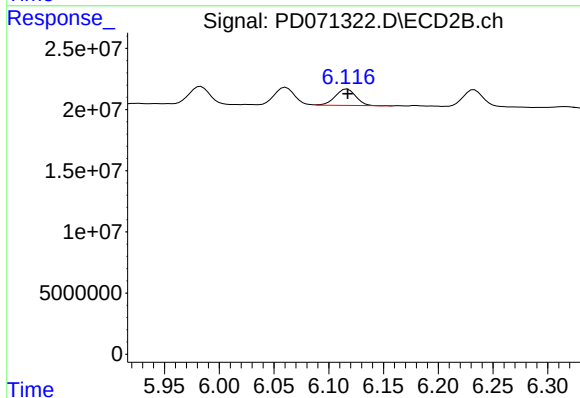
R.T.: 5.728 min  
Delta R.T.: -0.001 min  
Response: 23489779  
Conc: 1.80 ng/ml



#9 Endosulfan I

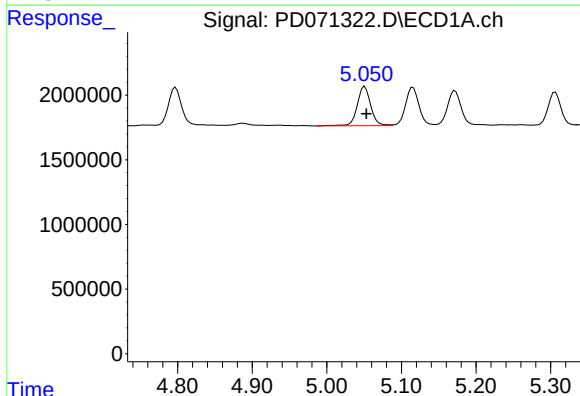
R.T.: 5.172 min  
Delta R.T.: -0.002 min  
Response: 3384898  
Conc: 0.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



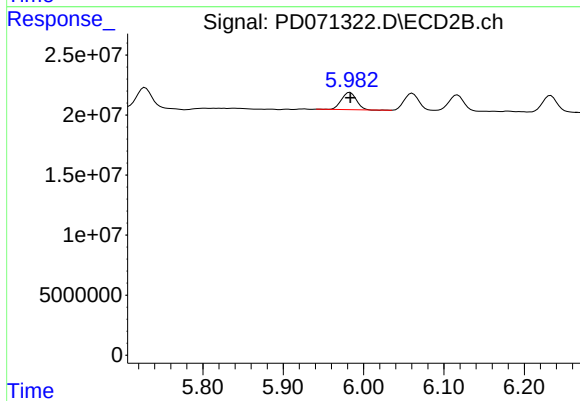
#9 Endosulfan I

R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 17550101  
Conc: 1.28 ng/ml



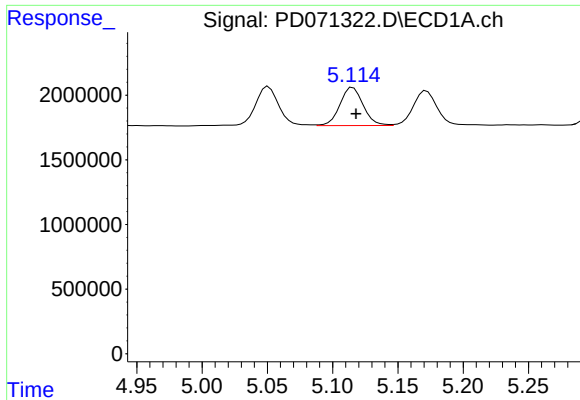
#10 gamma-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 3821654  
Conc: 1.01 ng/ml



#10 gamma-Chlordane

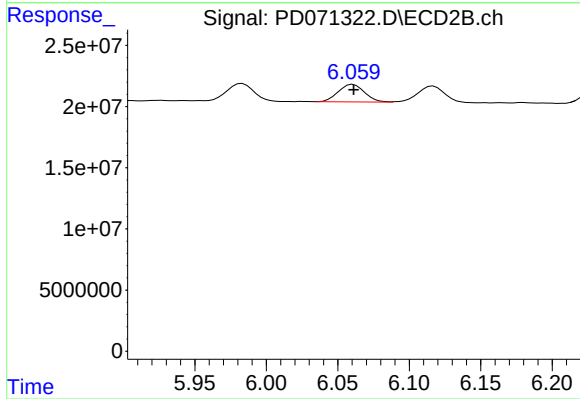
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 18697885  
Conc: 1.27 ng/ml



#11 alpha-Chlordane

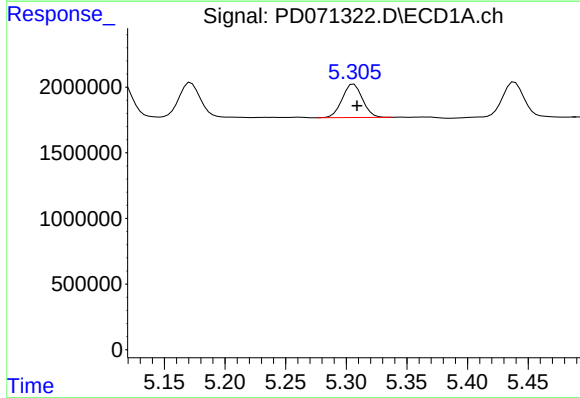
R.T.: 5.116 min  
Delta R.T.: -0.002 min  
Response: 3661307  
Conc: 0.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



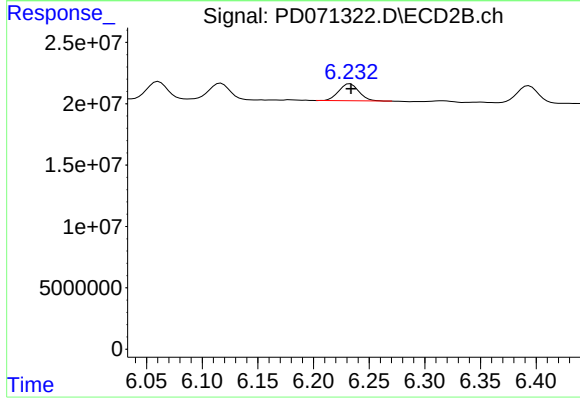
#11 alpha-Chlordane

R.T.: 6.061 min  
Delta R.T.: 0.000 min  
Response: 18293616  
Conc: 1.26 ng/ml



#12 4,4'-DDE

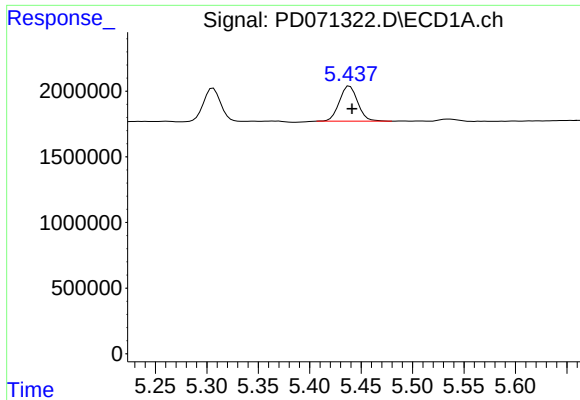
R.T.: 5.306 min  
Delta R.T.: -0.002 min  
Response: 2961551  
Conc: 0.87 ng/ml



#12 4,4'-DDE

R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 17436926  
Conc: 1.22 ng/ml

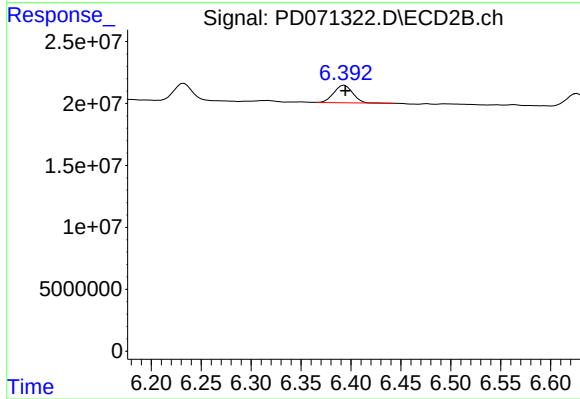




#13 Dieldrin

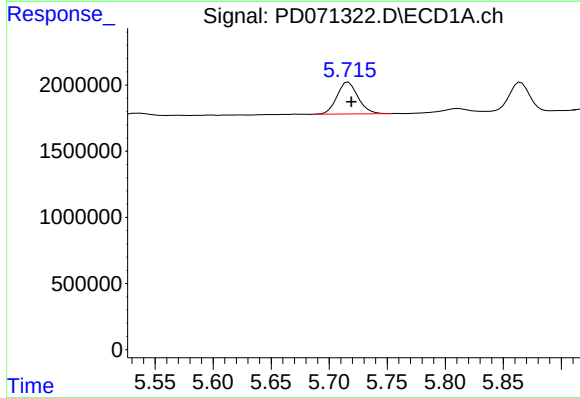
R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 3335521  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



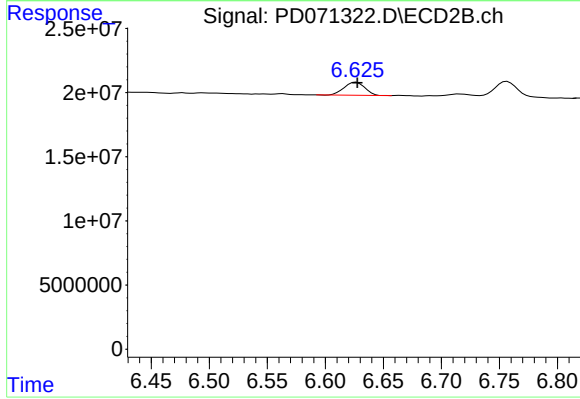
#13 Dieldrin

R.T.: 6.394 min  
Delta R.T.: -0.001 min  
Response: 18382181  
Conc: 1.25 ng/ml



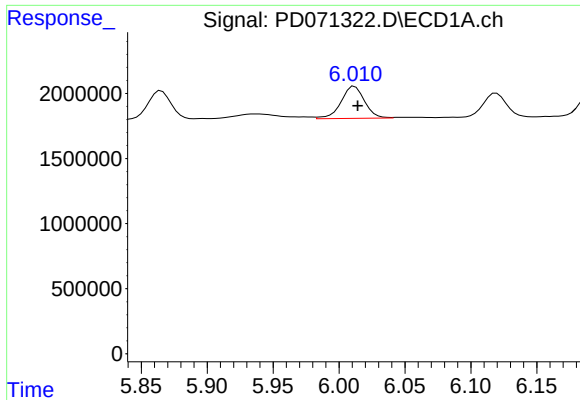
#14 Endrin

R.T.: 5.717 min  
Delta R.T.: -0.002 min  
Response: 3018895  
Conc: 0.95 ng/ml



#14 Endrin

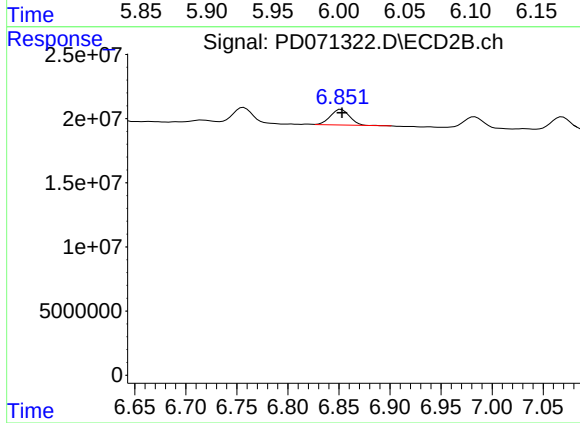
R.T.: 6.627 min  
Delta R.T.: 0.000 min  
Response: 12759810  
Conc: 1.02 ng/ml



#15 Endosulfan II

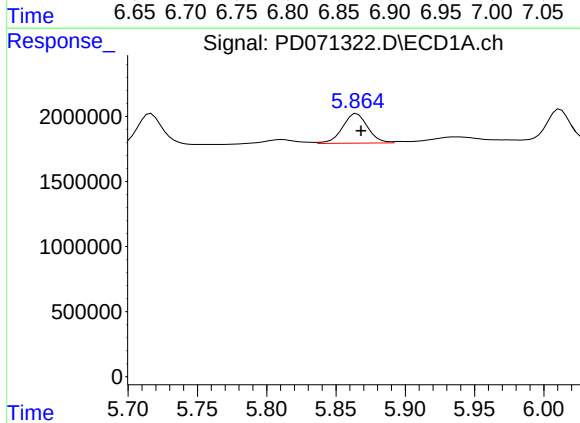
R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 3063815  
Conc: 1.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



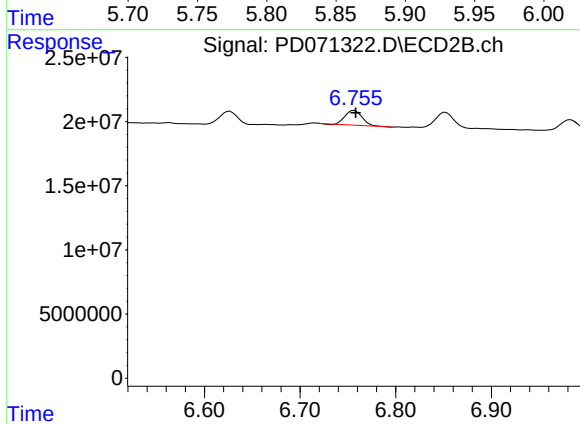
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 15685583  
Conc: 1.27 ng/ml



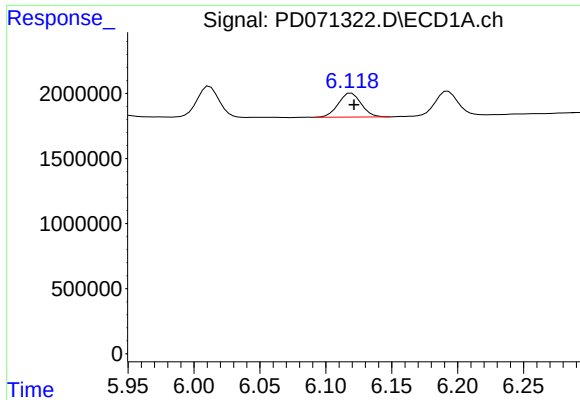
#16 4,4'-DDD

R.T.: 5.865 min  
Delta R.T.: -0.003 min  
Response: 2893886  
Conc: 1.02 ng/ml



#16 4,4'-DDD

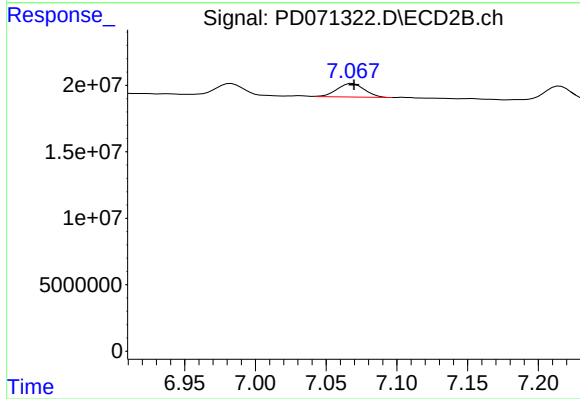
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 14271211  
Conc: 1.20 ng/ml



#17 4,4'-DDT

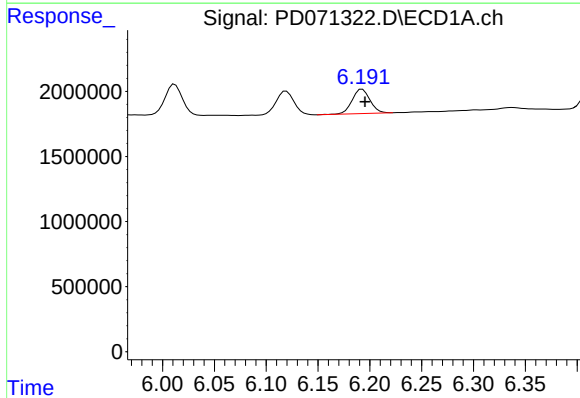
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 2213385  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



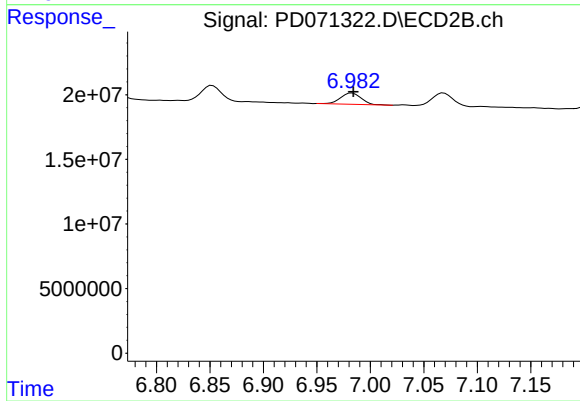
#17 4,4'-DDT

R.T.: 7.069 min  
Delta R.T.: -0.001 min  
Response: 13677887  
Conc: 1.05 ng/ml



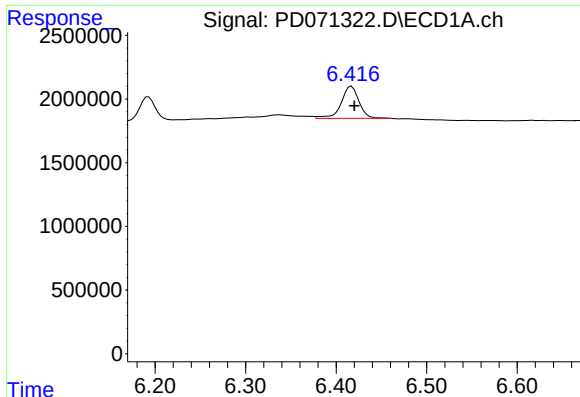
#18 Endrin aldehyde

R.T.: 6.193 min  
Delta R.T.: -0.003 min  
Response: 2229532  
Conc: 1.01 ng/ml



#18 Endrin aldehyde

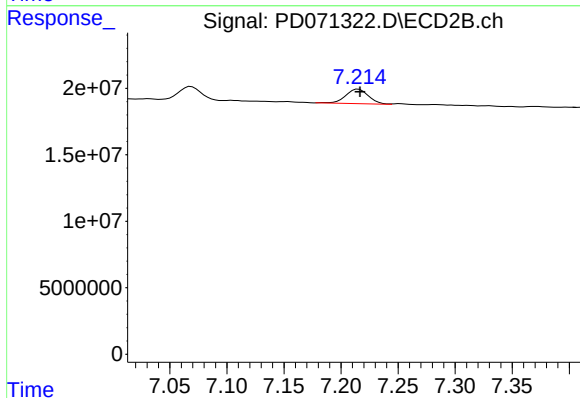
R.T.: 6.983 min  
Delta R.T.: -0.001 min  
Response: 11915736  
Conc: 1.23 ng/ml



#19 Endosulfan Sulfate

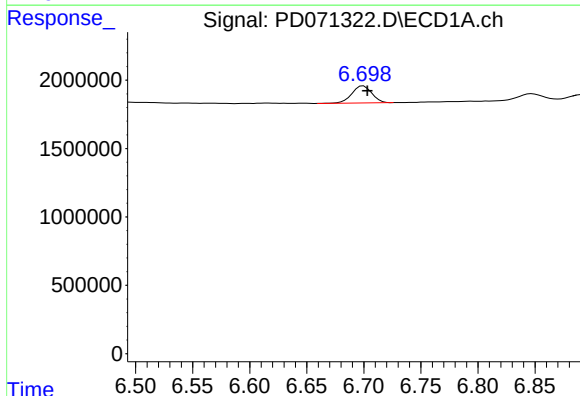
R.T.: 6.417 min  
Delta R.T.: -0.003 min  
Response: 3466526  
Conc: 1.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



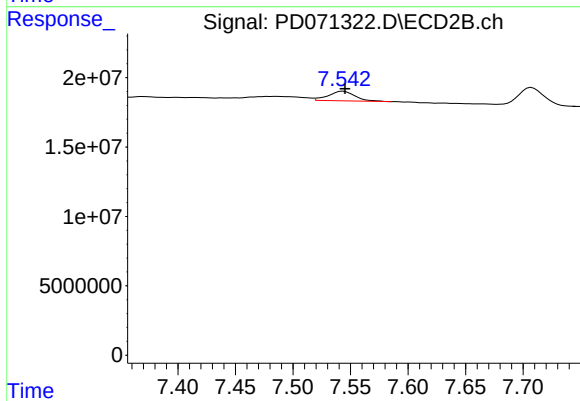
#19 Endosulfan Sulfate

R.T.: 7.215 min  
Delta R.T.: -0.001 min  
Response: 15232143  
Conc: 1.28 ng/ml



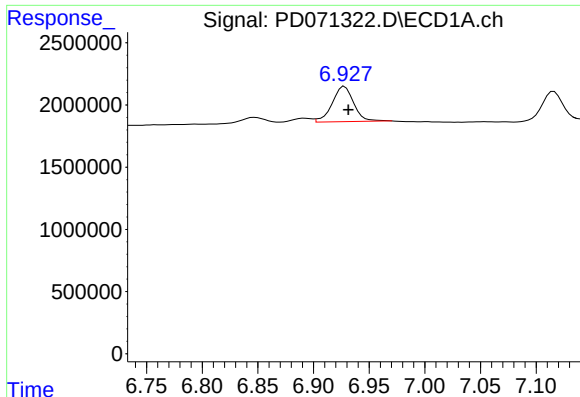
#20 Methoxychlor

R.T.: 6.700 min  
Delta R.T.: -0.003 min  
Response: 1510442  
Conc: 0.92 ng/ml



#20 Methoxychlor

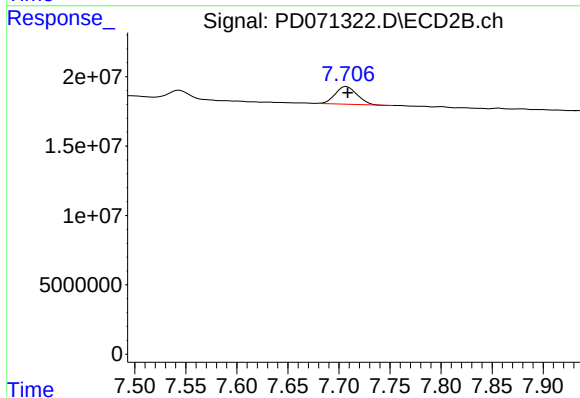
R.T.: 7.544 min  
Delta R.T.: -0.002 min  
Response: 10495557  
Conc: 1.52 ng/ml



#21 Endrin ketone

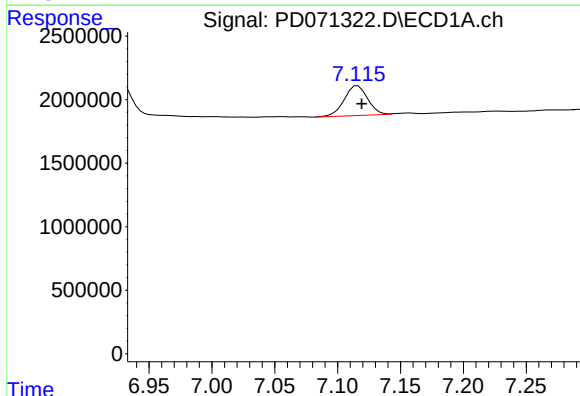
R.T.: 6.928 min  
Delta R.T.: -0.003 min  
Response: 3809945  
Conc: 1.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



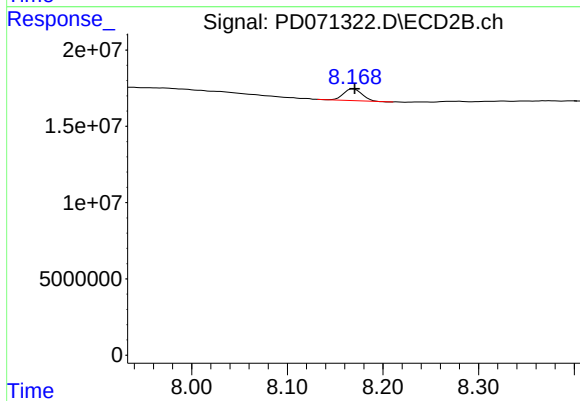
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: 0.000 min  
Response: 18896777  
Conc: 1.41 ng/ml



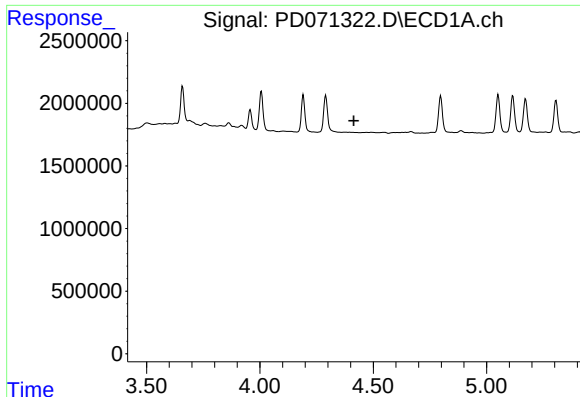
#22 Mirex

R.T.: 7.116 min  
Delta R.T.: -0.003 min  
Response: 3029740  
Conc: 1.24 ng/ml



#22 Mirex

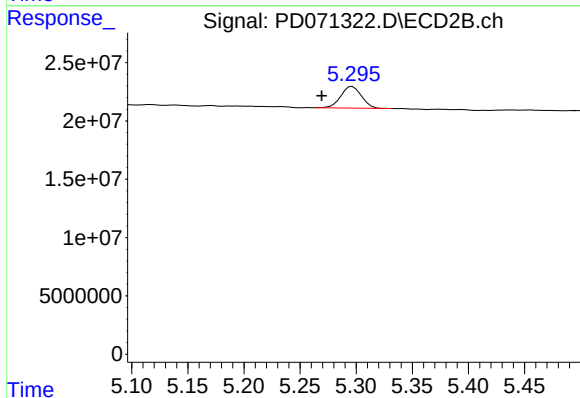
R.T.: 8.169 min  
Delta R.T.: -0.001 min  
Response: 10076164  
Conc: 1.17 ng/ml



#24 Chlordane-2

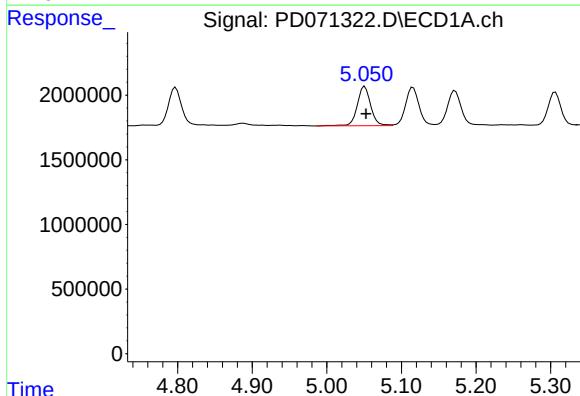
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



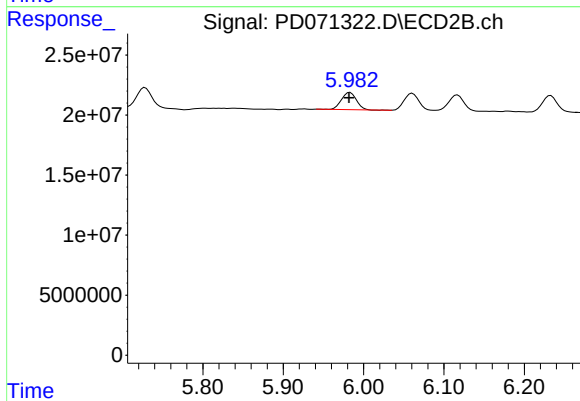
#24 Chlordane-2

R.T.: 5.297 min  
Delta R.T.: 0.027 min  
Response: 23513403  
Conc: 39.25 ng/ml



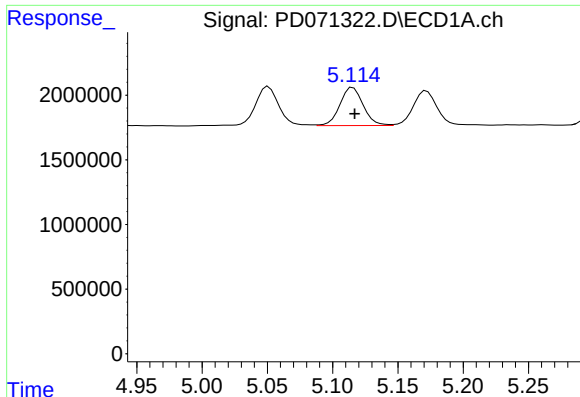
#25 Chlordane-3

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 3821654  
Conc: 11.19 ng/ml



#25 Chlordane-3

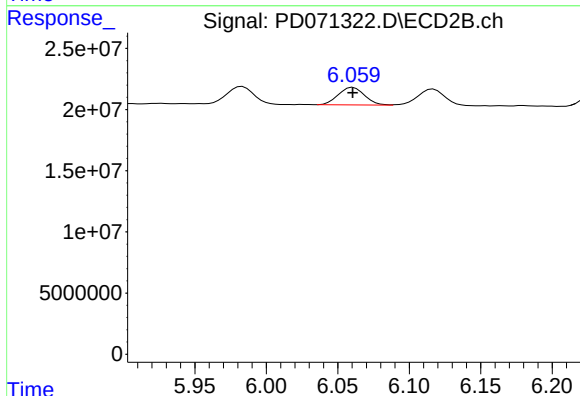
R.T.: 5.983 min  
Delta R.T.: 0.001 min  
Response: 18697885  
Conc: 10.09 ng/ml



#26 Chlordane-4

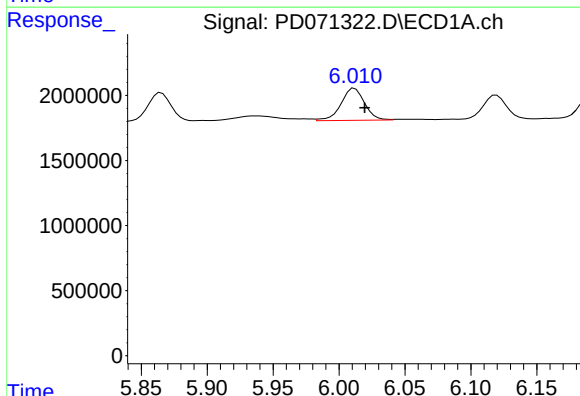
R.T.: 5.116 min  
Delta R.T.: -0.001 min  
Response: 3661307  
Conc: 11.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



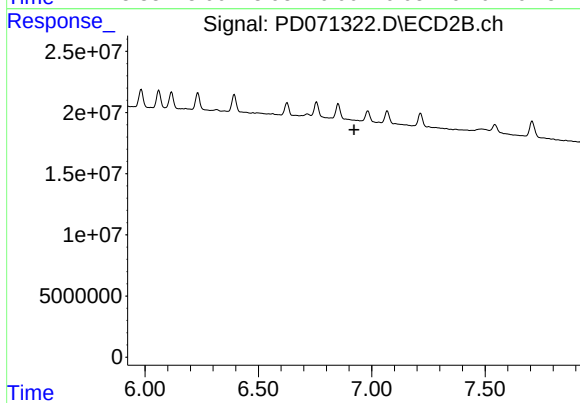
#26 Chlordane-4

R.T.: 6.061 min  
Delta R.T.: 0.000 min  
Response: 18293616  
Conc: 8.39 ng/ml



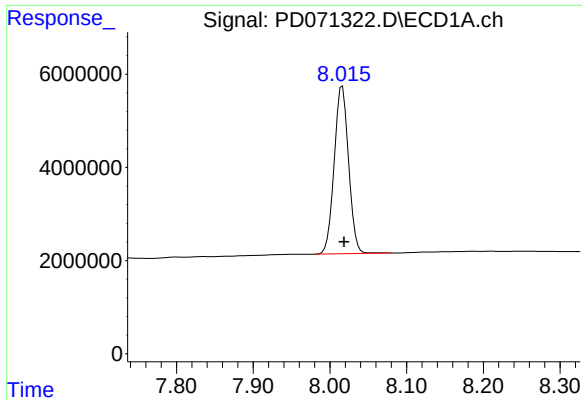
#27 Chlordane-5

R.T.: 6.012 min  
Delta R.T.: -0.008 min  
Response: 3063815  
Conc: 25.34 ng/ml



#27 Chlordane-5

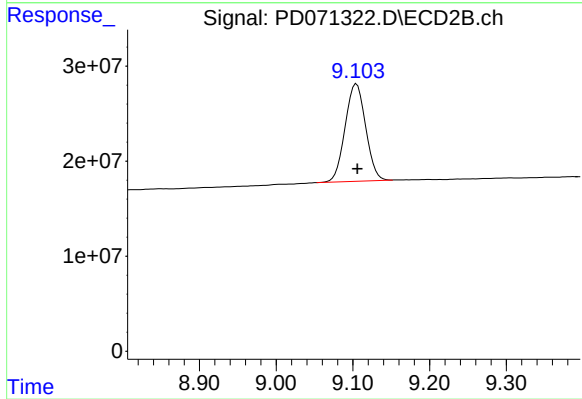
R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.016 min  
Delta R.T.: -0.002 min  
Response: 46833562  
Conc: 16.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.105 min  
Delta R.T.: -0.001 min  
Response: 192370028  
Conc: 18.58 ng/ml