

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080522\  
 Data File : PD071345.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 09:18  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 22:25:11 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... | 2.816  | 3.574  | 53960327 | 619.4E6  | 19.027 | 22.005  |
| 2)                          | SA Decachlor... | 8.016  | 9.104  | 57781980 | 241.3E6  | 20.834 | 23.310  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.319  | 4.039  | 290329   | 1540801  | 0.069  | 0.042 # |
| 3)                          | MA gamma-BHC... | 3.660  | 4.377  | 194896   | 1897680  | 0.049  | 0.063 # |
| 4)                          | MA Heptachlor   | 4.005  | 4.937f | 583738   | 8327937  | 0.138  | 0.394 # |
| 5)                          | MB Aldrin       | 4.309f | 5.293  | 740054   | 1239454  | 0.181  | 0.070 # |
| 6)                          | B beta-BHC      | 3.969  | 4.579  | 428451   | 2071637  | 0.251  | 0.175 # |
| 8)                          | B Heptachlo...  | 4.798  | 5.727  | 428300   | 36709959 | 0.117  | 2.809 # |
| 9)                          | A Endosulfan I  | 5.172  | 6.122  | 260990   | 1438046  | 0.076  | 0.105 # |
| 10)                         | B gamma-Chl...  | 5.052  | 5.987  | 1213473  | 514966   | 0.319  | 0.035 # |
| 11)                         | B alpha-Chl...  | 5.115  | 6.056  | 558953   | 3498957  | 0.150  | 0.241 # |
| 12)                         | B 4,4'-DDE      | 5.307  | 6.232  | 396498   | 1693064  | 0.116  | 0.118   |
| 13)                         | MA Dieldrin     | 5.440  | 6.395  | 365825   | 1933188  | 0.101  | 0.132 # |
| 14)                         | MA Endrin       | 5.732  | 0.000  | 2197559  | 0        | 0.694  | N.D. #  |
| 15)                         | B Endosulfa...  | 6.013  | 6.854  | 1560028  | 5358180  | 0.519  | 0.432   |
| 16)                         | A 4,4'-DDD      | 5.860  | 6.759  | 1862651  | 20998514 | 0.653  | 1.765 # |
| 17)                         | MA 4,4'-DDT     | 6.118  | 7.067  | 786827   | 820457   | 0.267  | 0.063 # |
| 18)                         | B Endrin al...  | 6.213f | 0.000  | 480531   | 0        | 0.218  | N.D. #  |
| 19)                         | B Endosulfa...  | 6.417  | 0.000  | 644800   | 0        | 0.224  | N.D. #  |
| 20)                         | A Methoxychlor  | 6.700  | 0.000  | 614583   | 0        | 0.373  | N.D. #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.719  | 0        | 3027939  | N.D.   | 0.226 # |
| 22)                         | Mirex           | 7.118  | 0.000  | 99731    | 0        | 0.041  | N.D. #  |
| 23)                         | Chlordane-1     | 3.835  | 0.000  | 218984   | 0        | 2.040  | N.D. #  |
| 24)                         | Chlordane-2     | 0.000  | 5.266  | 0        | 546447   | N.D.   | 0.912 # |
| 25)                         | Chlordane-3     | 5.052  | 5.987  | 1213473  | 514966   | 3.554  | 0.278 # |
| 26)                         | Chlordane-4     | 5.115  | 6.056  | 558953   | 3498957  | 1.762  | 1.605   |
| 27)                         | Chlordane-5     | 6.013  | 6.927  | 1560028  | 1490539  | 12.903 | 3.295 # |
| -----                       |                 |        |        |          |          |        |         |

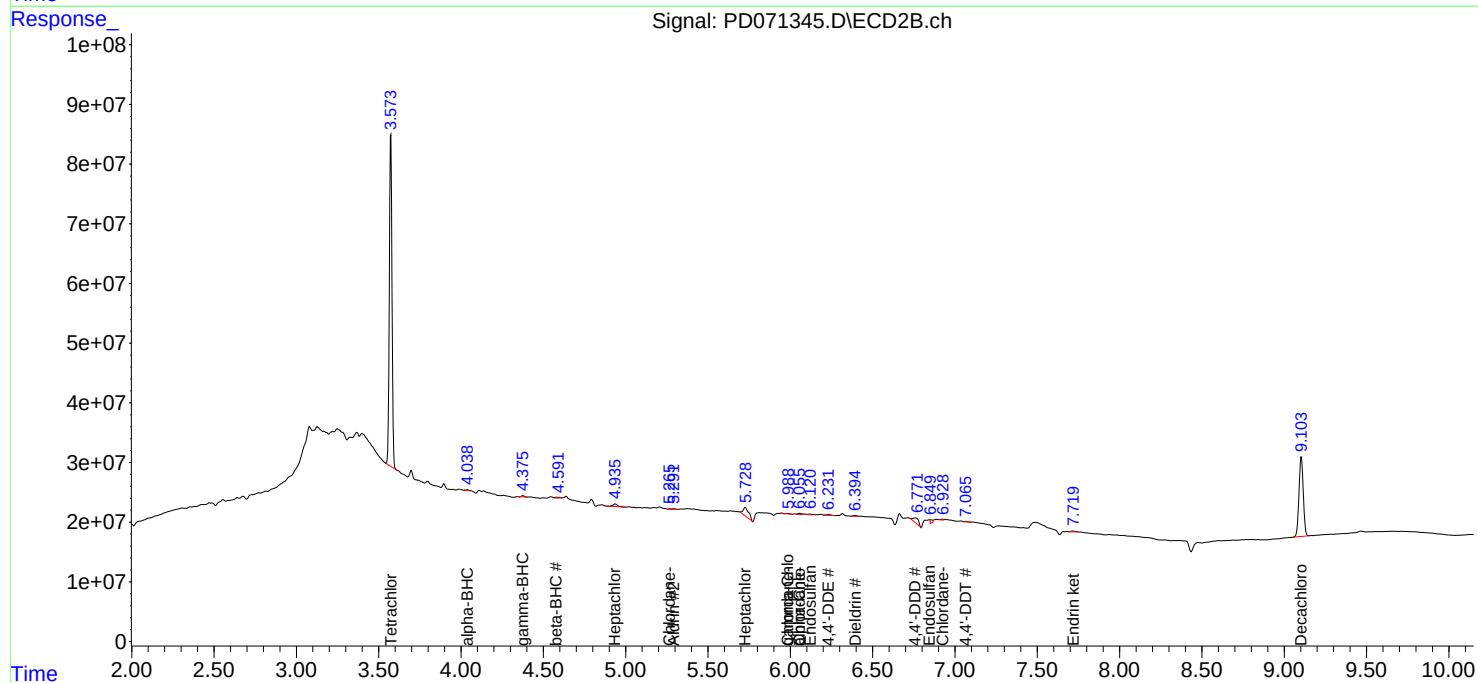
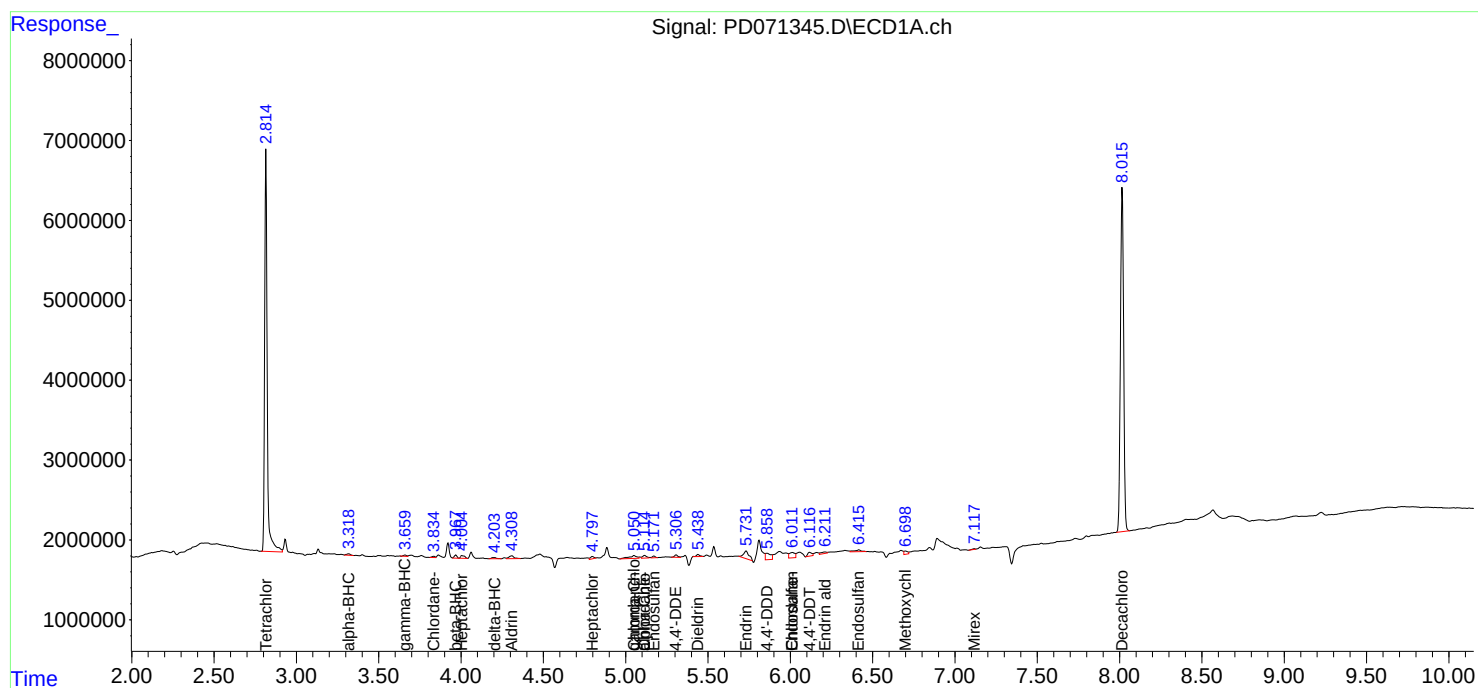
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

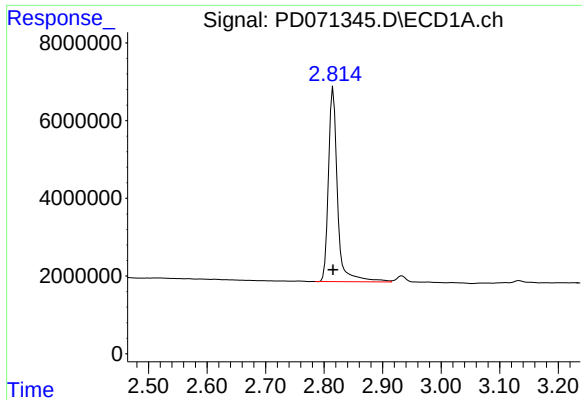
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080522\  
Data File : PD071345.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2022 09:18  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 22:25:11 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

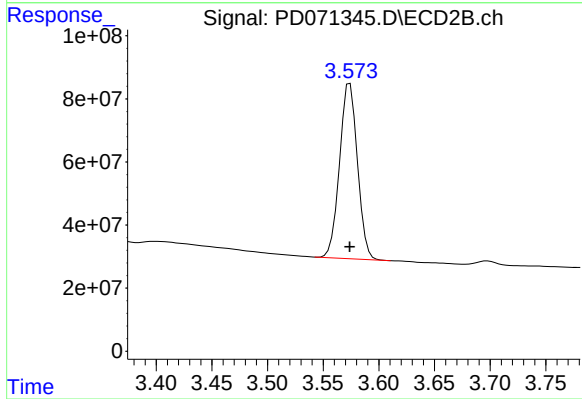




#1 Tetrachloro-m-xylene

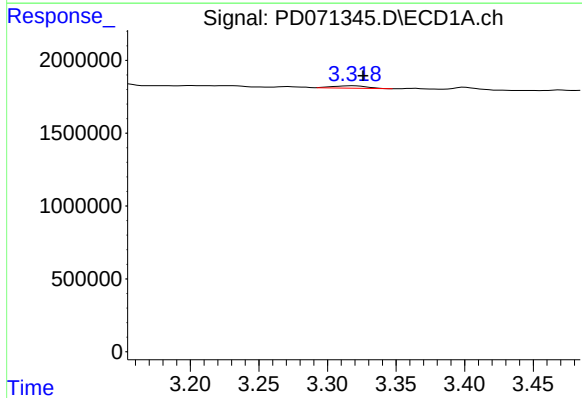
R.T.: 2.816 min  
Delta R.T.: 0.000 min  
Response: 53960327  
Conc: 19.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



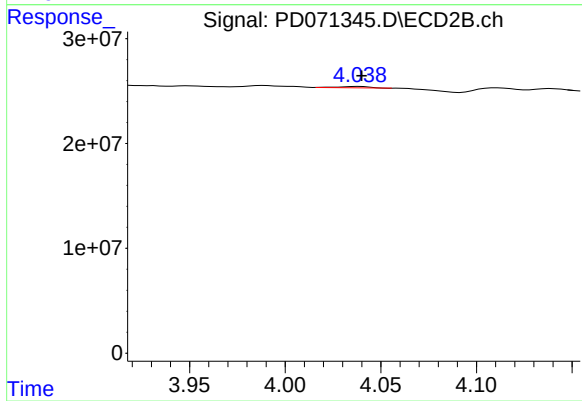
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 619431882  
Conc: 22.00 ng/ml



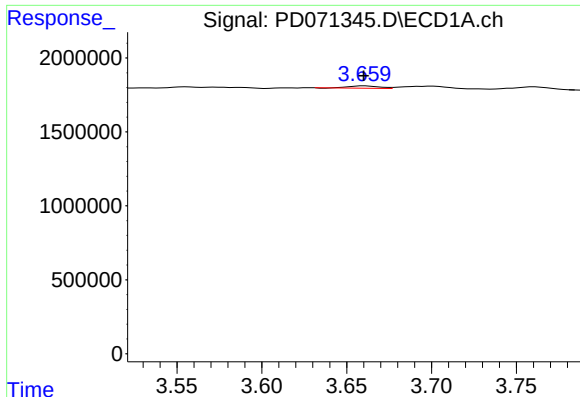
#2 alpha-BHC

R.T.: 3.319 min  
Delta R.T.: -0.007 min  
Response: 290329  
Conc: 0.07 ng/ml



#2 alpha-BHC

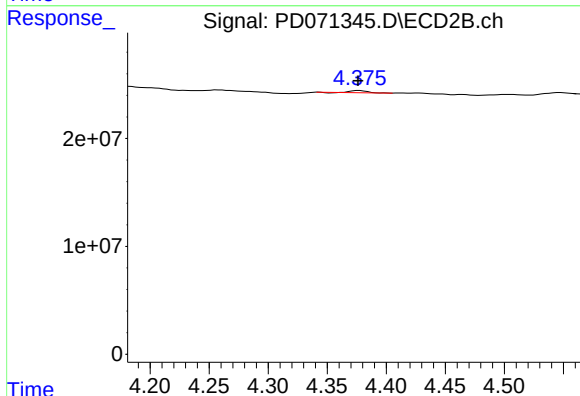
R.T.: 4.039 min  
Delta R.T.: -0.001 min  
Response: 1540801  
Conc: 0.04 ng/ml



#3 gamma-BHC (Lindane)

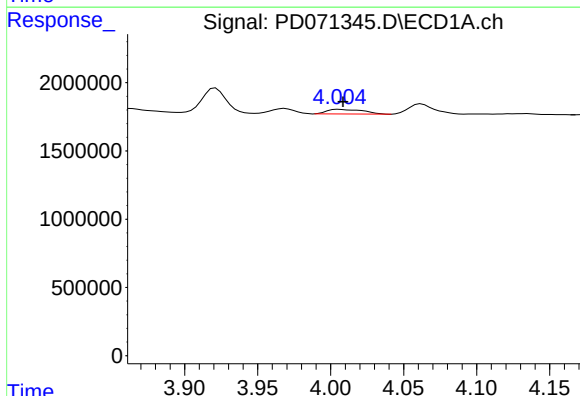
R.T.: 3.660 min  
Delta R.T.: 0.000 min  
Response: 194896  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



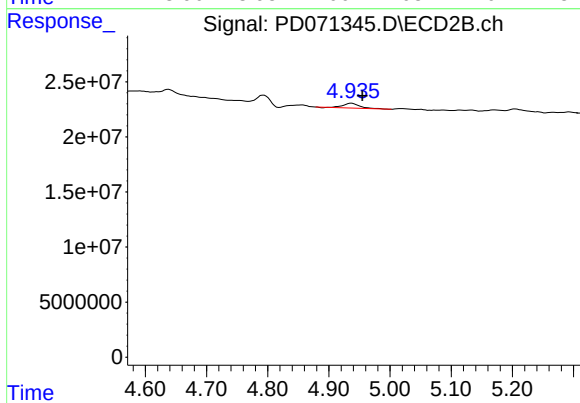
#3 gamma-BHC (Lindane)

R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 1897680  
Conc: 0.06 ng/ml



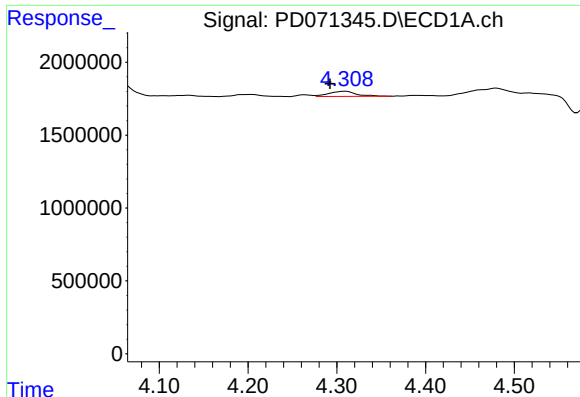
#4 Heptachlor

R.T.: 4.005 min  
Delta R.T.: -0.003 min  
Response: 583738  
Conc: 0.14 ng/ml



#4 Heptachlor

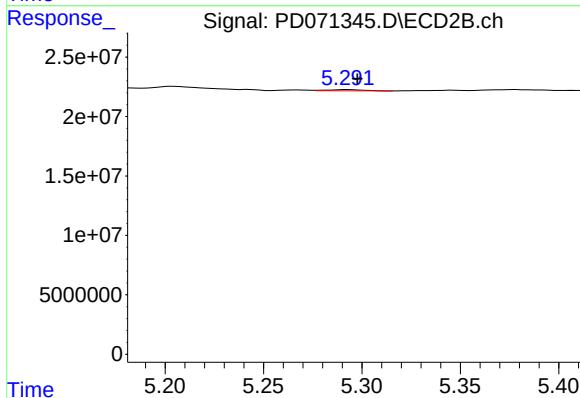
R.T.: 4.937 min  
Delta R.T.: -0.018 min  
Response: 8327937  
Conc: 0.39 ng/ml



#5 Aldrin

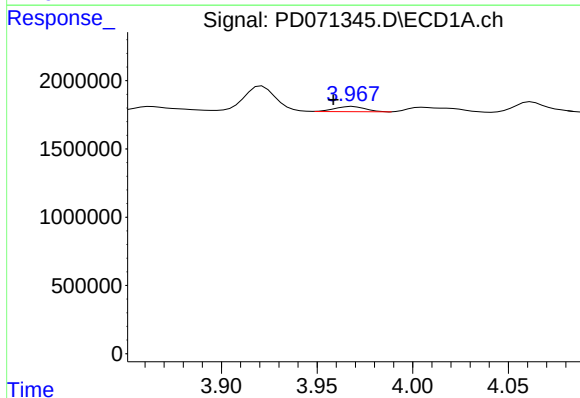
R.T.: 4.309 min  
Delta R.T.: 0.017 min  
Response: 740054  
Conc: 0.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



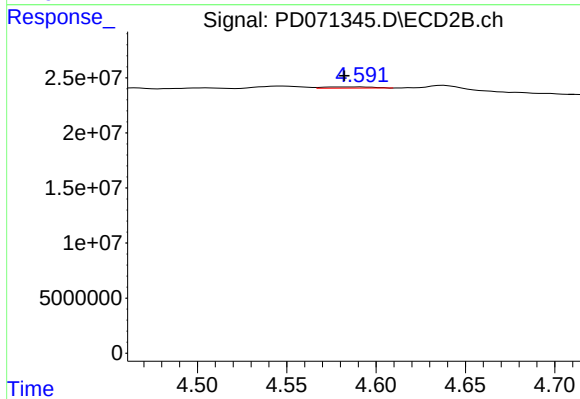
#5 Aldrin

R.T.: 5.293 min  
Delta R.T.: -0.005 min  
Response: 1239454  
Conc: 0.07 ng/ml



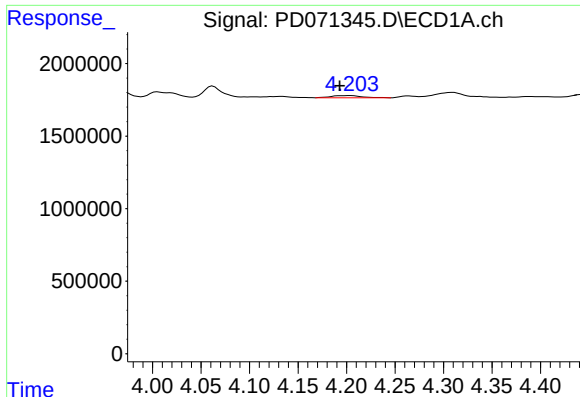
#6 beta-BHC

R.T.: 3.969 min  
Delta R.T.: 0.010 min  
Response: 428451  
Conc: 0.25 ng/ml



#6 beta-BHC

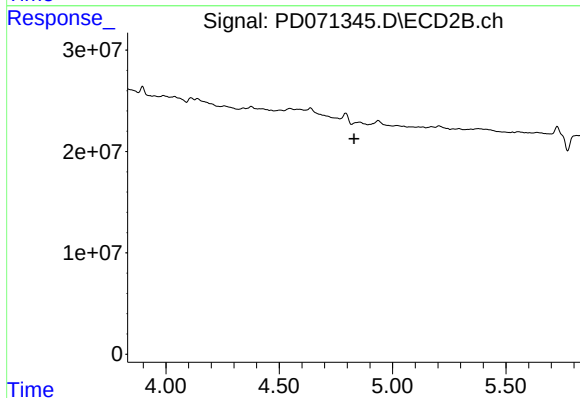
R.T.: 4.579 min  
Delta R.T.: -0.004 min  
Response: 2071637  
Conc: 0.17 ng/ml



#7 delta-BHC

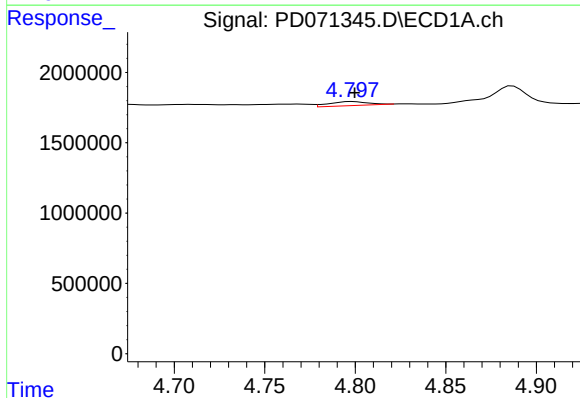
R.T.: 4.204 min  
Delta R.T.: 0.011 min  
Response: 312384  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



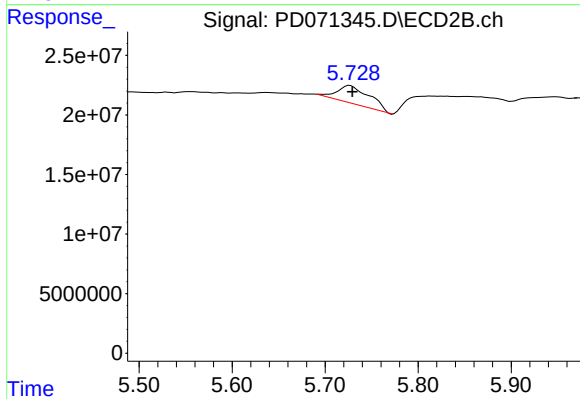
#7 delta-BHC

R.T.: 4.858 min  
Delta R.T.: 0.027 min  
Response: -8805177  
Conc: N.D.



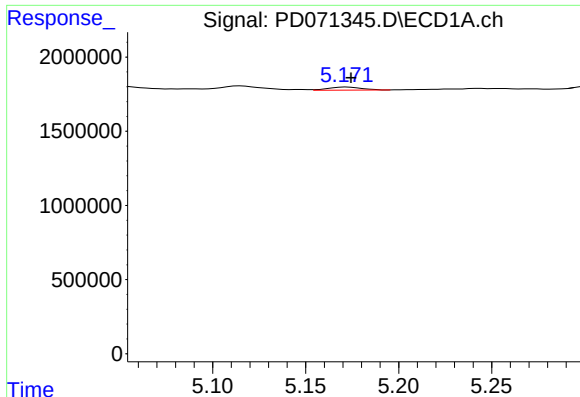
#8 Heptachlor epoxide

R.T.: 4.798 min  
Delta R.T.: -0.001 min  
Response: 428300  
Conc: 0.12 ng/ml



#8 Heptachlor epoxide

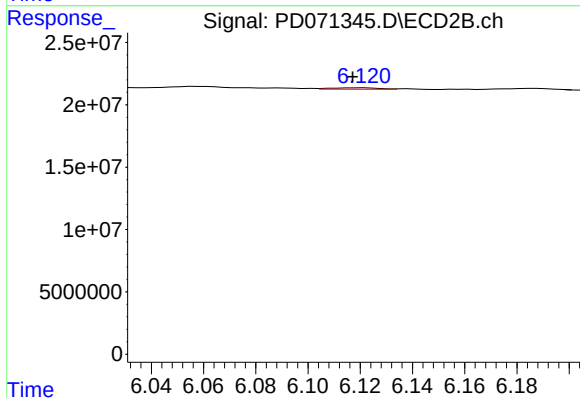
R.T.: 5.727 min  
Delta R.T.: -0.003 min  
Response: 36709959  
Conc: 2.81 ng/ml



#9 Endosulfan I

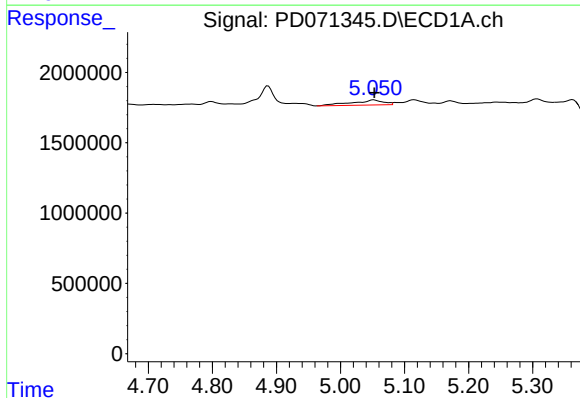
R.T.: 5.172 min  
Delta R.T.: -0.002 min  
Response: 260990  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



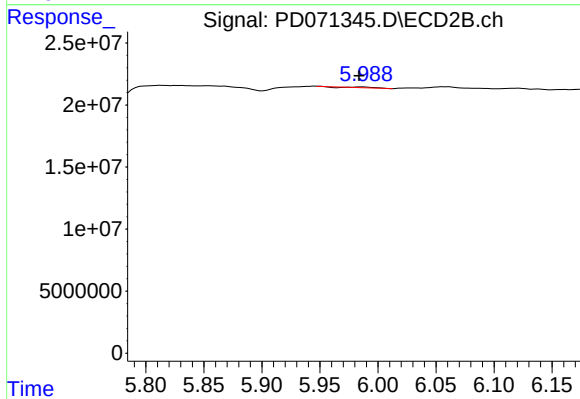
#9 Endosulfan I

R.T.: 6.122 min  
Delta R.T.: 0.005 min  
Response: 1438046  
Conc: 0.10 ng/ml



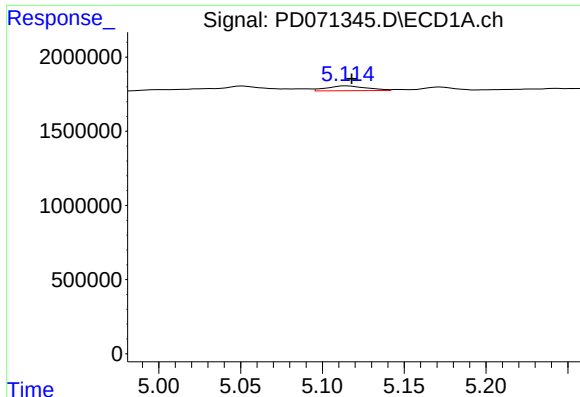
#10 gamma-Chlordane

R.T.: 5.052 min  
Delta R.T.: -0.002 min  
Response: 1213473  
Conc: 0.32 ng/ml



#10 gamma-Chlordane

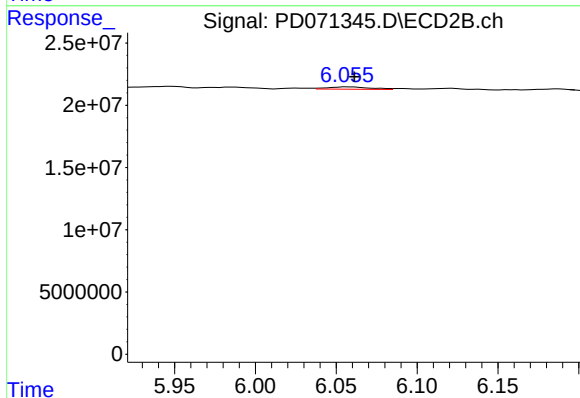
R.T.: 5.987 min  
Delta R.T.: 0.003 min  
Response: 514966  
Conc: 0.04 ng/ml



#11 alpha-Chlordane

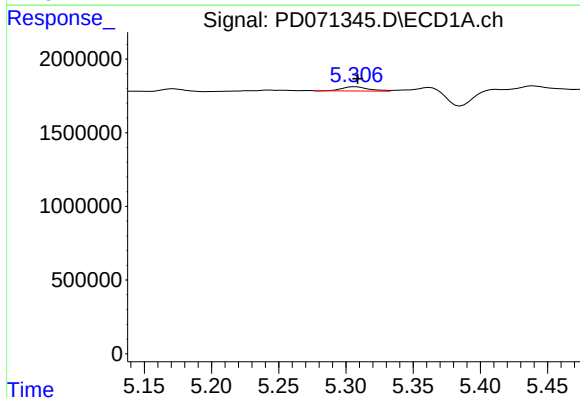
R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 558953  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



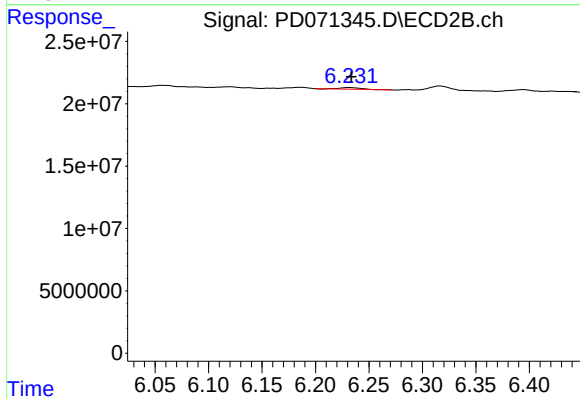
#11 alpha-Chlordane

R.T.: 6.056 min  
Delta R.T.: -0.005 min  
Response: 3498957  
Conc: 0.24 ng/ml



#12 4,4'-DDE

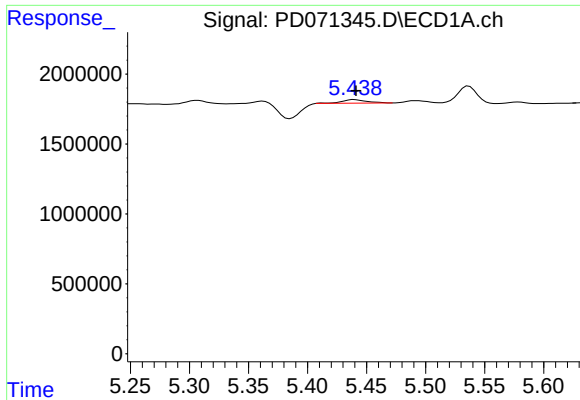
R.T.: 5.307 min  
Delta R.T.: -0.001 min  
Response: 396498  
Conc: 0.12 ng/ml



#12 4,4'-DDE

R.T.: 6.232 min  
Delta R.T.: -0.002 min  
Response: 1693064  
Conc: 0.12 ng/ml

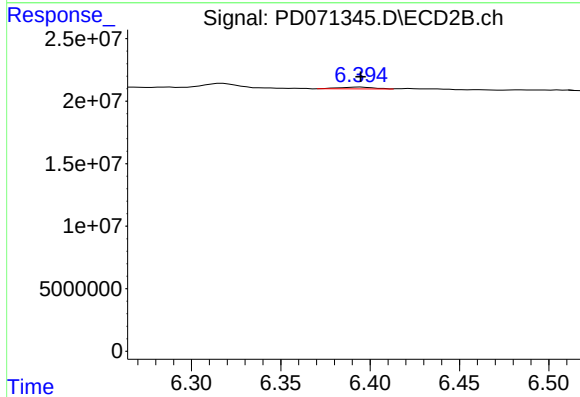




#13 Dieldrin

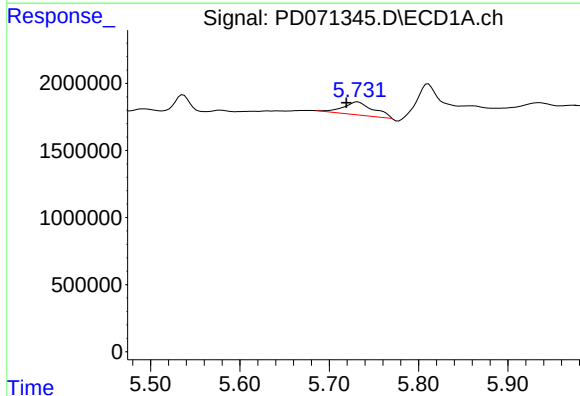
R.T.: 5.440 min  
Delta R.T.: -0.001 min  
Response: 365825  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



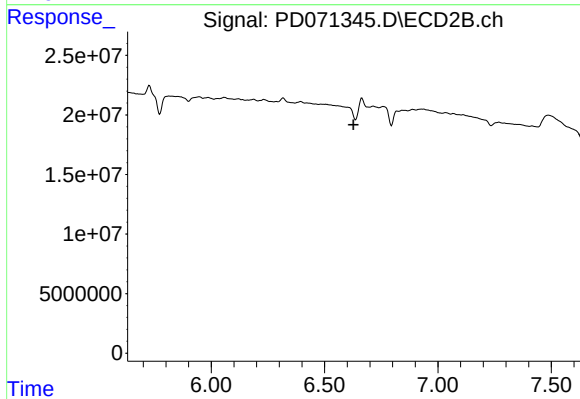
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 1933188  
Conc: 0.13 ng/ml



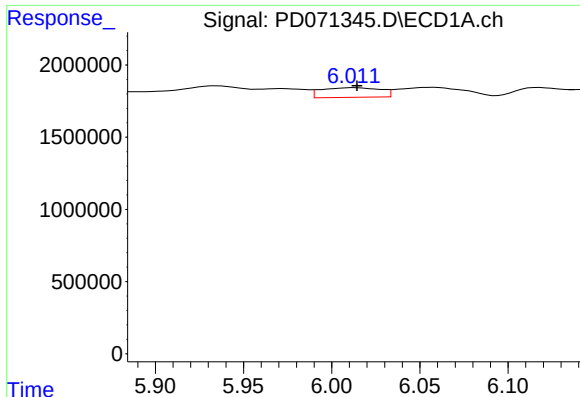
#14 Endrin

R.T.: 5.732 min  
Delta R.T.: 0.013 min  
Response: 2197559  
Conc: 0.69 ng/ml



#14 Endrin

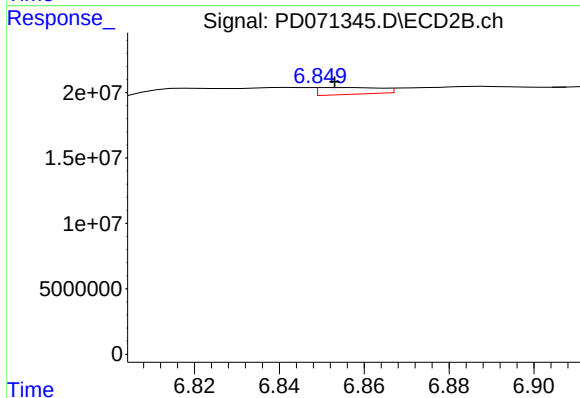
R.T.: 0.000 min  
Exp R.T. : 6.628 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

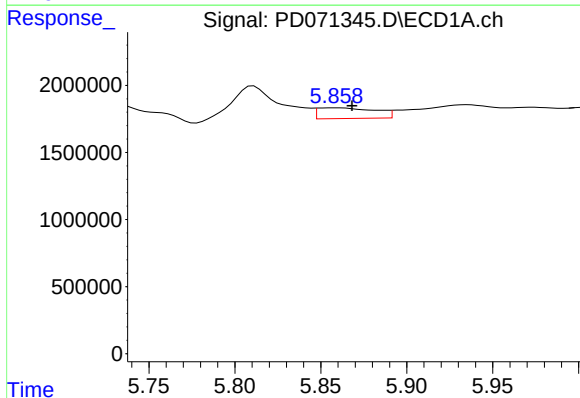
R.T.: 6.013 min  
Delta R.T.: -0.001 min  
Response: 1560028  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



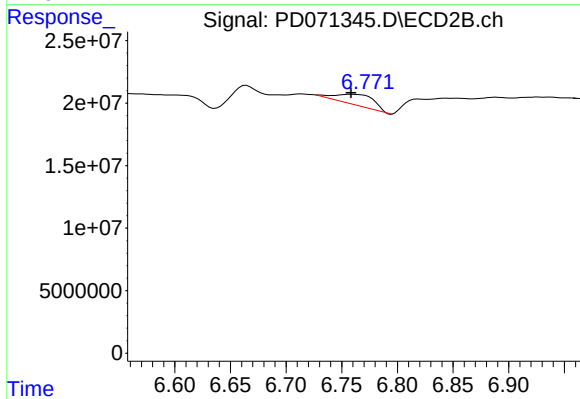
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 5358180  
Conc: 0.43 ng/ml



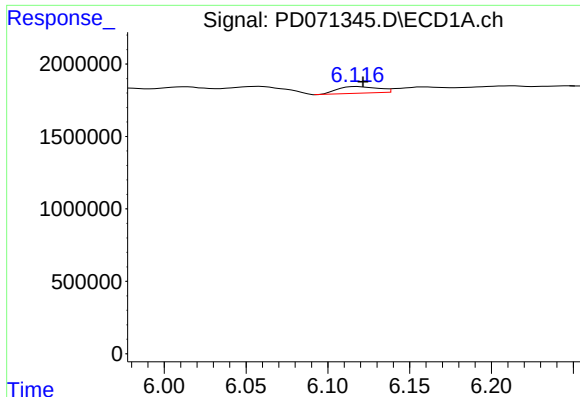
#16 4,4'-DDD

R.T.: 5.860 min  
Delta R.T.: -0.008 min  
Response: 1862651  
Conc: 0.65 ng/ml



#16 4,4'-DDD

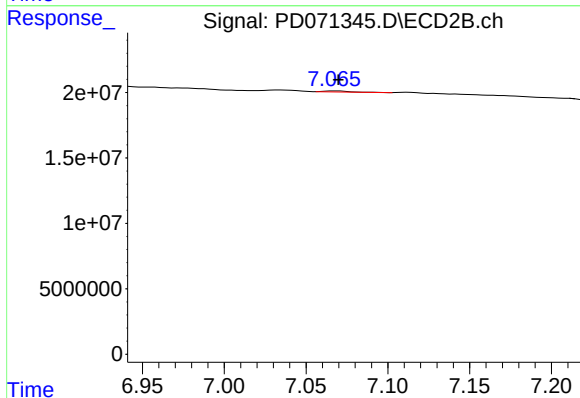
R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 20998514  
Conc: 1.77 ng/ml



#17 4,4'-DDT

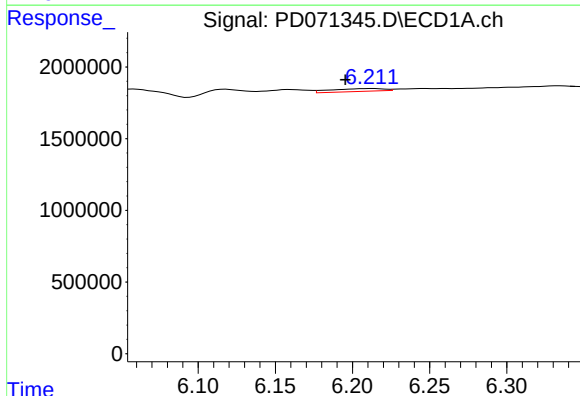
R.T.: 6.118 min  
Delta R.T.: -0.004 min  
Response: 786827  
Conc: 0.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



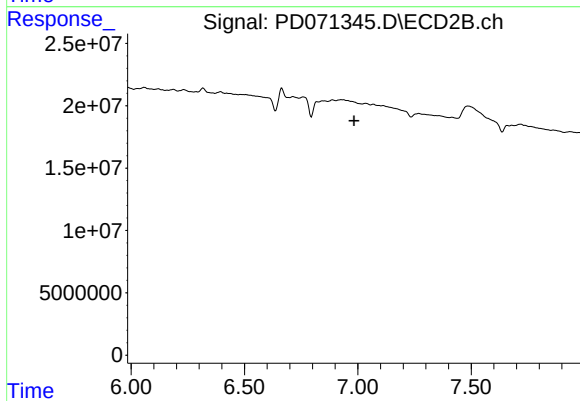
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: -0.003 min  
Response: 820457  
Conc: 0.06 ng/ml



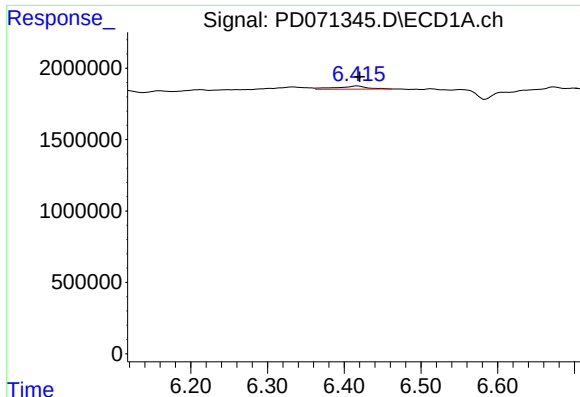
#18 Endrin aldehyde

R.T.: 6.213 min  
Delta R.T.: 0.018 min  
Response: 480531  
Conc: 0.22 ng/ml



#18 Endrin aldehyde

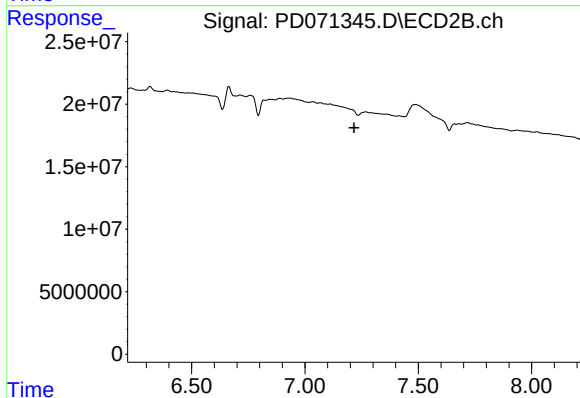
R.T.: 0.000 min  
Exp R.T.: 6.984 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

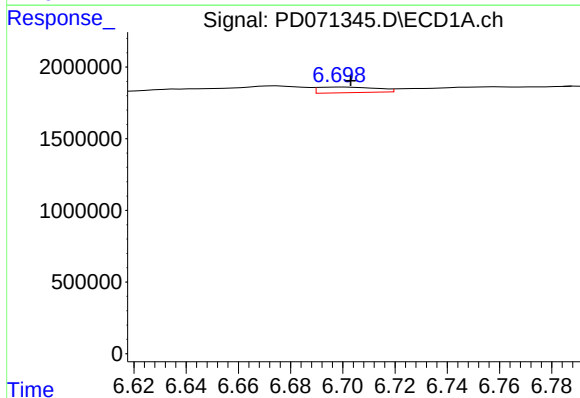
R.T.: 6.417 min  
Delta R.T.: -0.003 min  
Response: 644800  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



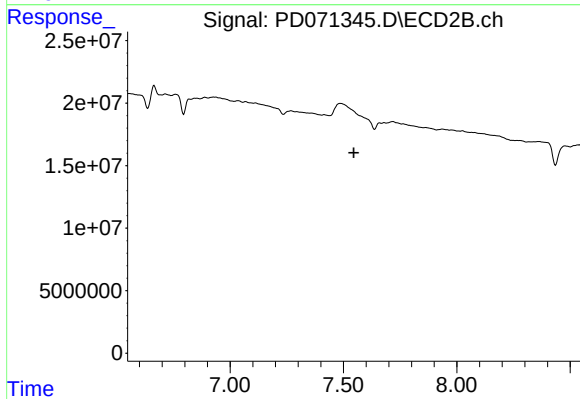
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.217 min  
Response: 0  
Conc: N.D.



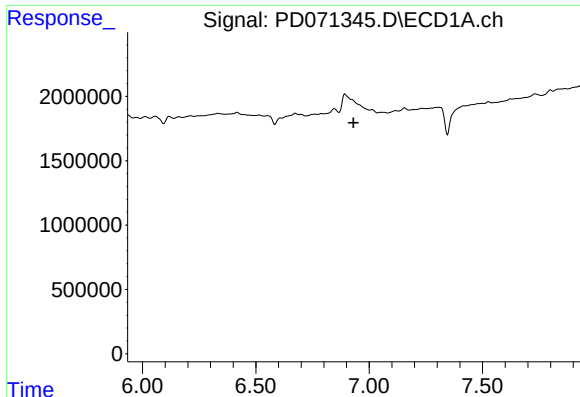
#20 Methoxychlor

R.T.: 6.700 min  
Delta R.T.: -0.003 min  
Response: 614583  
Conc: 0.37 ng/ml



#20 Methoxychlor

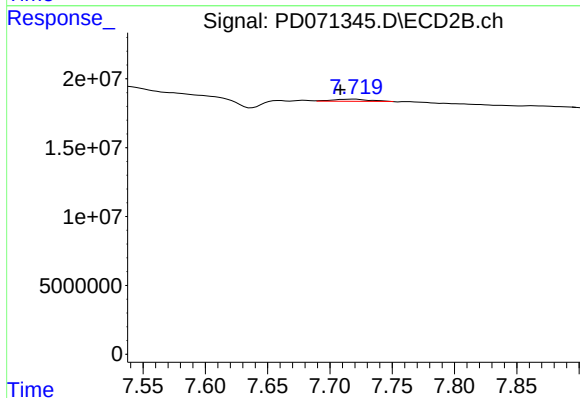
R.T.: 0.000 min  
Exp R.T. : 7.545 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

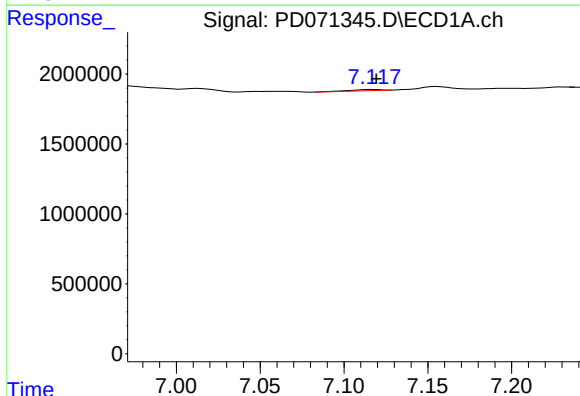
R.T.: 0.000 min  
Exp R.T.: 6.931 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



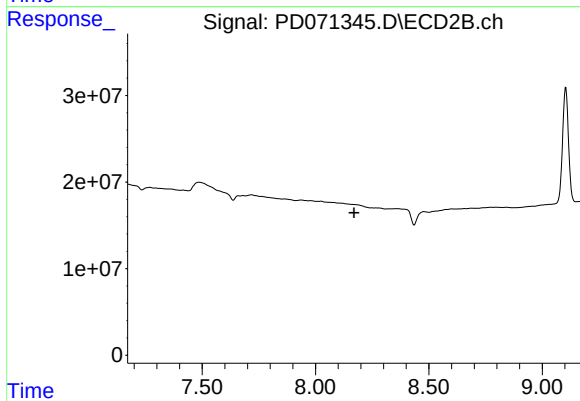
#21 Endrin ketone

R.T.: 7.719 min  
Delta R.T.: 0.011 min  
Response: 3027939  
Conc: 0.23 ng/ml



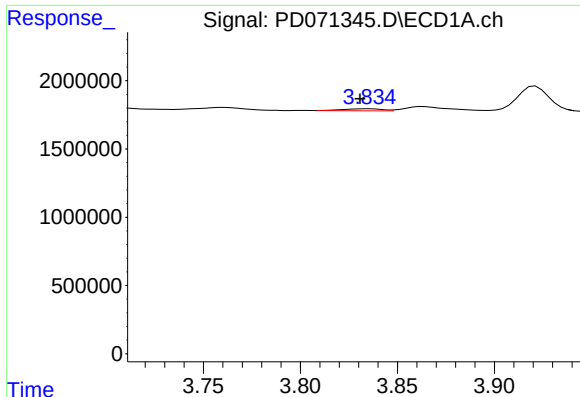
#22 Mirex

R.T.: 7.118 min  
Delta R.T.: -0.001 min  
Response: 99731  
Conc: 0.04 ng/ml



#22 Mirex

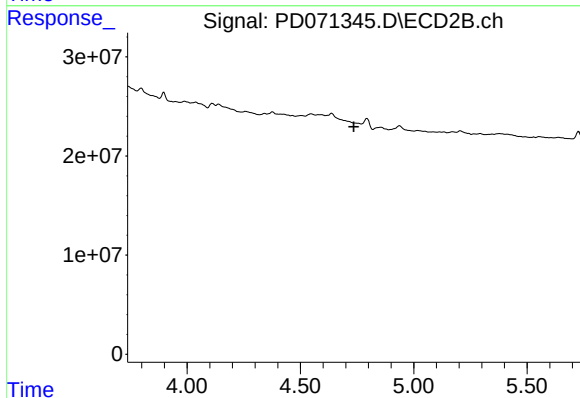
R.T.: 0.000 min  
Exp R.T.: 8.171 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

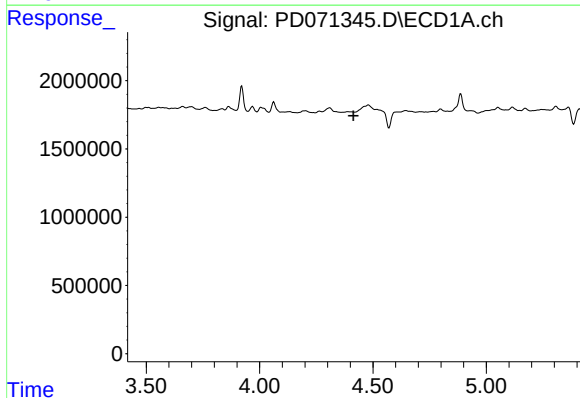
R.T.: 3.835 min  
Delta R.T.: 0.005 min  
Response: 218984  
Conc: 2.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



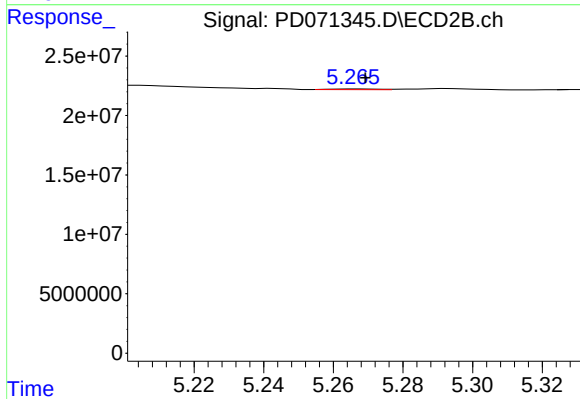
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.736 min  
Response: 0  
Conc: N.D.



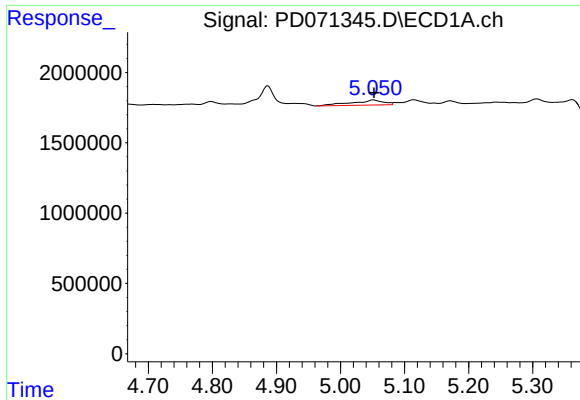
#24 Chlordane-2

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



#24 Chlordane-2

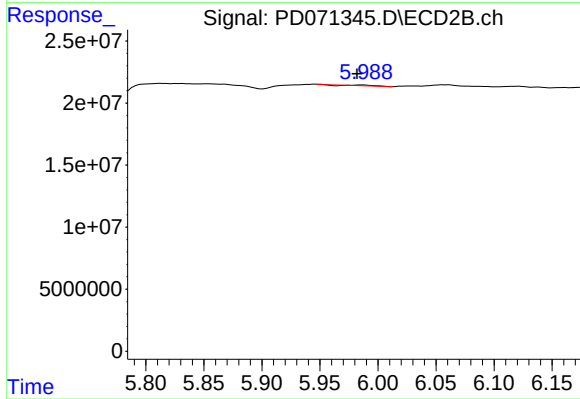
R.T.: 5.266 min  
Delta R.T.: -0.003 min  
Response: 546447  
Conc: 0.91 ng/ml



#25 Chlordane-3

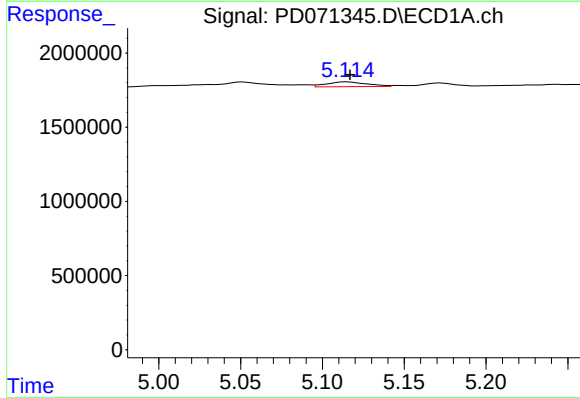
R.T.: 5.052 min  
Delta R.T.: -0.001 min  
Response: 1213473  
Conc: 3.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



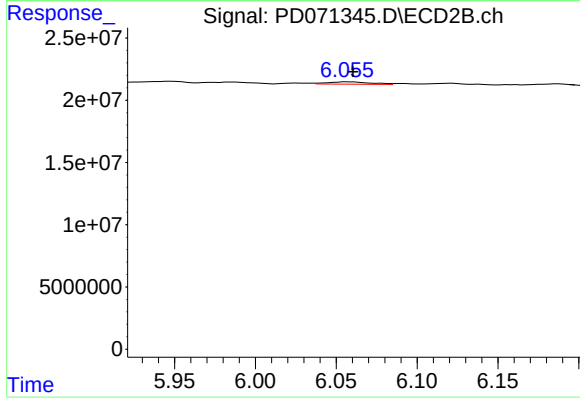
#25 Chlordane-3

R.T.: 5.987 min  
Delta R.T.: 0.005 min  
Response: 514966  
Conc: 0.28 ng/ml



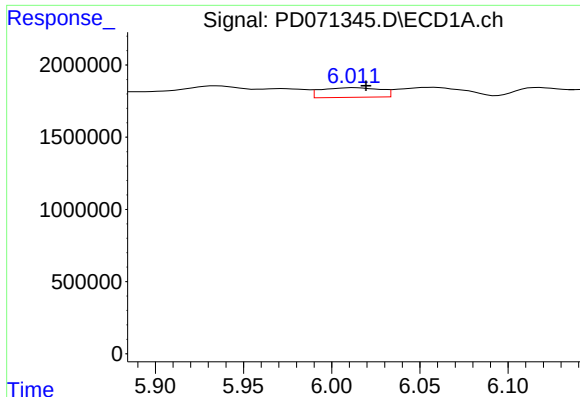
#26 Chlordane-4

R.T.: 5.115 min  
Delta R.T.: -0.002 min  
Response: 558953  
Conc: 1.76 ng/ml



#26 Chlordane-4

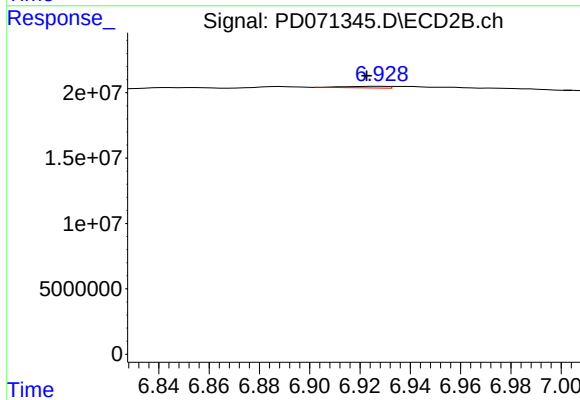
R.T.: 6.056 min  
Delta R.T.: -0.004 min  
Response: 3498957  
Conc: 1.61 ng/ml



#27 Chlordane-5

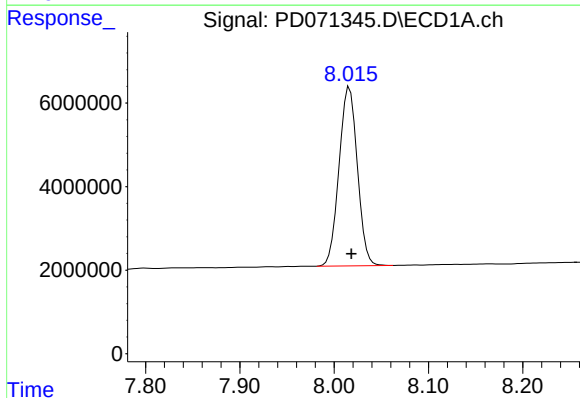
R.T.: 6.013 min  
Delta R.T.: -0.006 min  
Response: 1560028  
Conc: 12.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



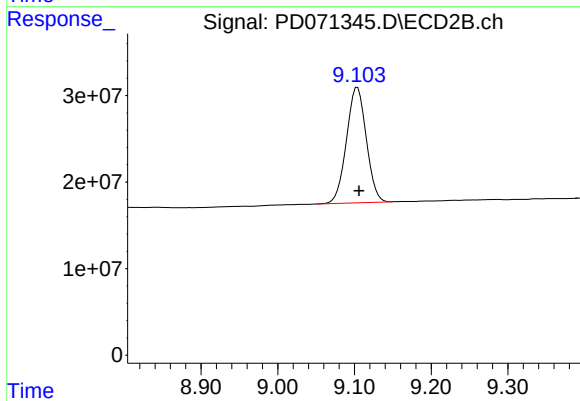
#27 Chlordane-5

R.T.: 6.927 min  
Delta R.T.: 0.004 min  
Response: 1490539  
Conc: 3.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.016 min  
Delta R.T.: -0.002 min  
Response: 57781980  
Conc: 20.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.104 min  
Delta R.T.: -0.002 min  
Response: 241321820  
Conc: 23.31 ng/ml