

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080522\  
 Data File : PD071348.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2022 10:22  
 Operator : AR\AJ  
 Sample : WATER IDOC 01  
 Misc : (Sig #1); FOR YOGESH PATEL (Sig #2)  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 22:26:53 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... | 2.824 | 3.574  | 44330919 | 522.7E6  | 15.632   | 18.568     |
| 28)                         | SA Decachlor... | 8.027 | 9.107  | 48730919 | 206.3E6  | 17.570   | 19.923     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.335 | 4.041  | 196.2E6  | 1830.8E6 | 46.789   | 49.317     |
| 3)                          | MA gamma-BHC... | 3.670 | 4.377  | 183.9E6  | 1445.2E6 | 45.974   | 48.265     |
| 4)                          | MA Heptachlor   | 4.018 | 4.956  | 196.9E6  | 1084.5E6 | 46.410   | 51.291     |
| 5)                          | MB Aldrin       | 4.302 | 5.298  | 192.5E6  | 908.1E6  | 47.210   | 51.420     |
| 6)                          | B beta-BHC      | 3.969 | 4.584  | 74274951 | 577.1E6  | 43.478   | 48.722     |
| 7)                          | B delta-BHC     | 4.203 | 4.831  | 180.2E6  | 1152.3E6 | 45.916   | 57.902 #   |
| 8)                          | B Heptachlo...  | 4.809 | 5.730  | 173.4E6  | 789.7E6  | 47.351   | 60.428 #   |
| 9)                          | A Endosulfan I  | 5.184 | 6.118  | 164.5E6  | 729.6E6  | 48.026   | 53.069     |
| 10)                         | B gamma-Chl...  | 5.062 | 5.985  | 178.5E6  | 789.9E6  | 46.969   | 53.791     |
| 11)                         | B alpha-Chl...  | 5.127 | 6.062  | 175.4E6  | 768.5E6  | 47.218   | 52.994     |
| 12)                         | B 4,4'-DDE      | 5.318 | 6.235  | 163.5E6  | 764.2E6  | 47.775   | 53.462     |
| 13)                         | MA Dieldrin     | 5.451 | 6.395  | 174.1E6  | 789.4E6  | 48.079   | 53.722     |
| 14)                         | MA Endrin       | 5.728 | 6.628  | 148.0E6  | 648.0E6  | 46.756   | 51.806     |
| 15)                         | B Endosulfa...  | 6.023 | 6.854  | 140.5E6  | 647.4E6  | 46.739   | 52.211     |
| 16)                         | A 4,4'-DDD      | 5.877 | 6.759  | 144.1E6  | 682.1E6  | 50.555   | 57.347     |
| 17)                         | MA 4,4'-DDT     | 6.131 | 7.070  | 134.2E6  | 661.0E6  | 45.472   | 50.680     |
| 18)                         | B Endrin al...  | 6.205 | 6.985  | 108.5E6  | 515.3E6  | 49.205   | 53.189     |
| 19)                         | B Endosulfa...  | 6.429 | 7.217  | 140.8E6  | 637.4E6  | 48.958   | 53.440     |
| 20)                         | A Methoxychlor  | 6.711 | 7.546  | 71040409 | 337.1E6  | 43.067   | 48.901     |
| 21)                         | B Endrin ke...  | 6.939 | 7.709  | 165.9E6  | 746.2E6  | 50.913   | 55.588     |
| 22)                         | Mirex           | 7.127 | 8.171  | 121.6E6  | 481.1E6  | 49.662   | 55.926     |
| 24)                         | Chlordane-2     | 0.000 | 5.298f | 0        | 908.1E6  | N.D.     | 1515.991 # |
| 25)                         | Chlordane-3     | 5.062 | 5.985  | 178.5E6  | 789.9E6  | 522.671  | 426.093    |
| 26)                         | Chlordane-4     | 5.127 | 6.062  | 175.4E6  | 768.5E6  | 553.021  | 352.564 #  |
| 27)                         | Chlordane-5     | 6.023 | 0.000  | 140.5E6  | 0        | 1161.728 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

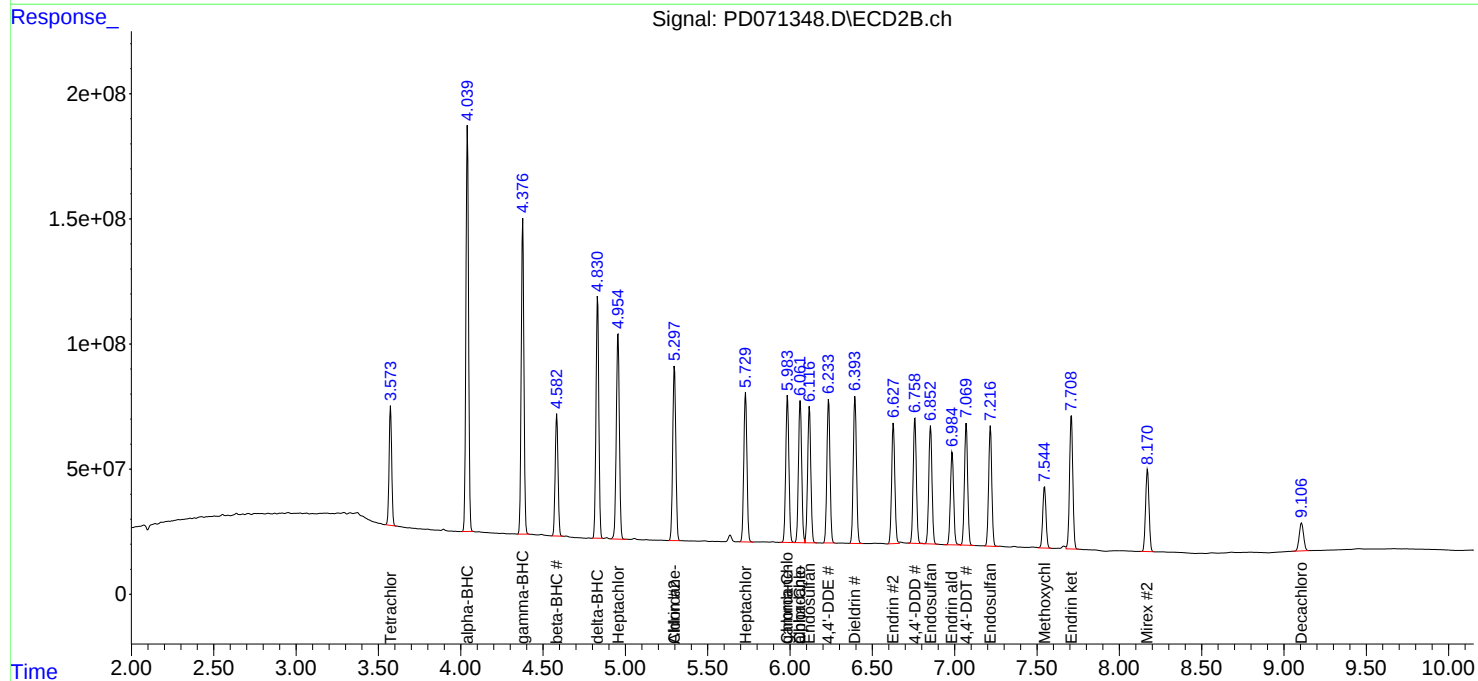
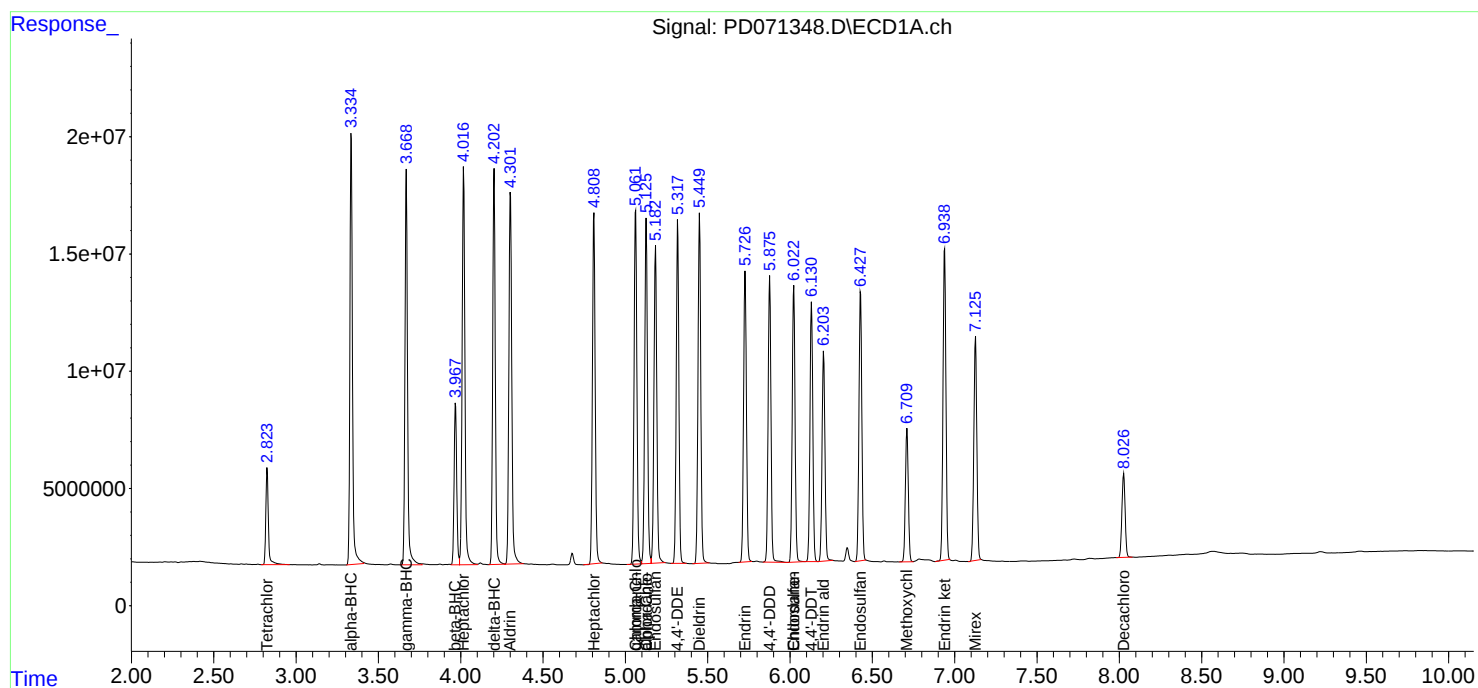
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

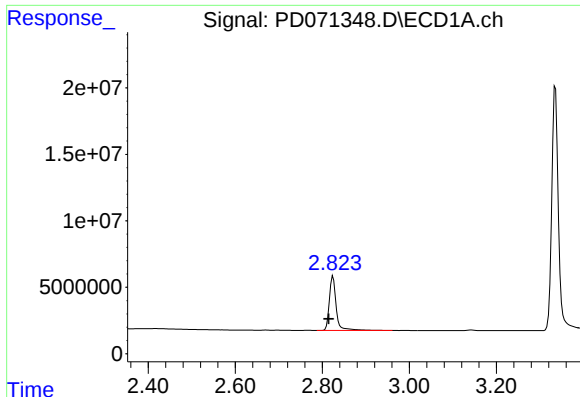
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080522\  
Data File : PD071348.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2022 10:22  
Operator : AR\AJ  
Sample : WATER IDOC 01  
Misc : (Sig #1); FOR YOGESH PATEL (Sig #2)  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 22:26:53 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

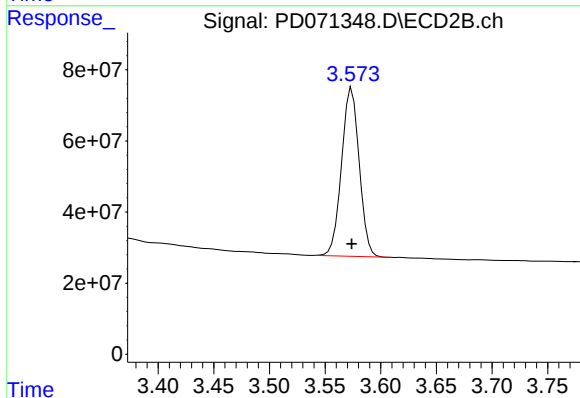




#1 Tetrachloro-m-xylene

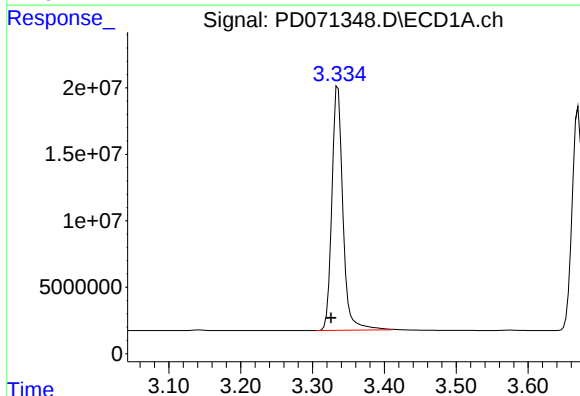
R.T.: 2.824 min  
Delta R.T.: 0.009 min  
Response: 44330919  
Conc: 15.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



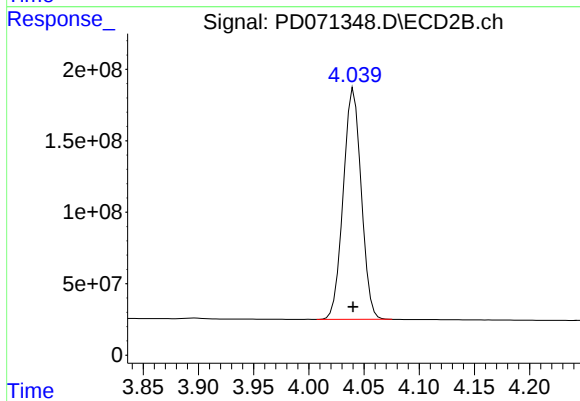
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 522678151  
Conc: 18.57 ng/ml



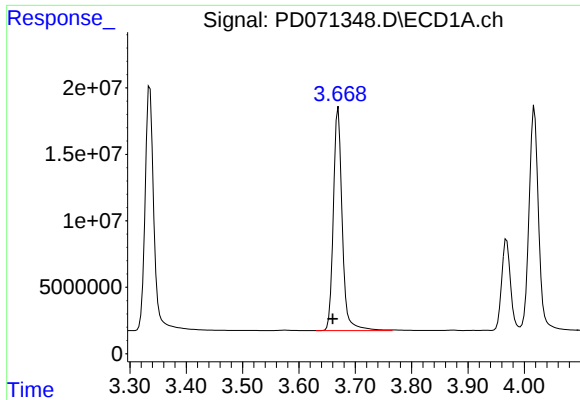
#2 alpha-BHC

R.T.: 3.335 min  
Delta R.T.: 0.010 min  
Response: 196208254  
Conc: 46.79 ng/ml



#2 alpha-BHC

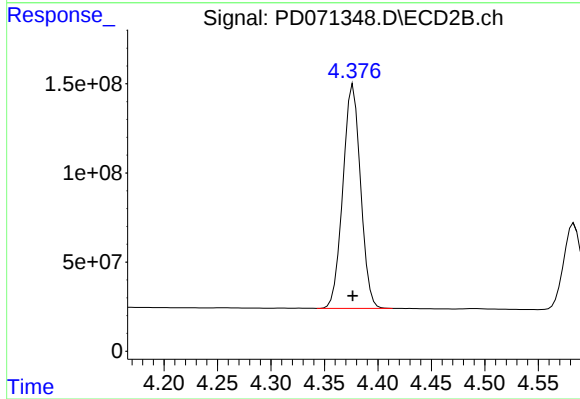
R.T.: 4.041 min  
Delta R.T.: 0.000 min  
Response: 1830840045  
Conc: 49.32 ng/ml



#3 gamma-BHC (Lindane)

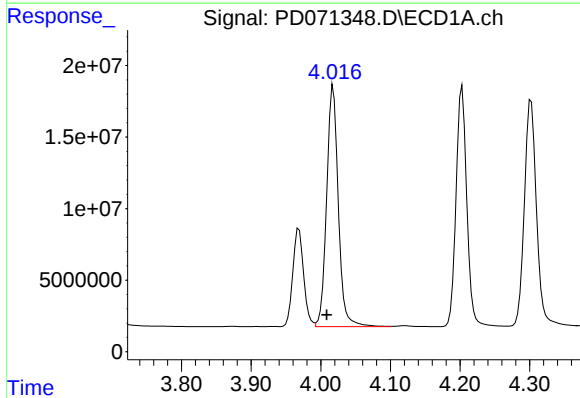
R.T.: 3.670 min  
Delta R.T.: 0.010 min  
Response: 183903793  
Conc: 45.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



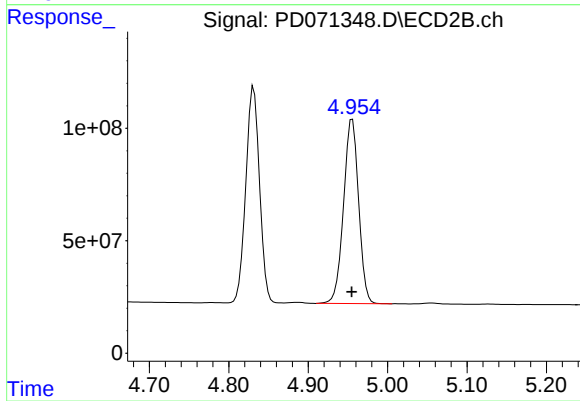
#3 gamma-BHC (Lindane)

R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 1445179018  
Conc: 48.26 ng/ml



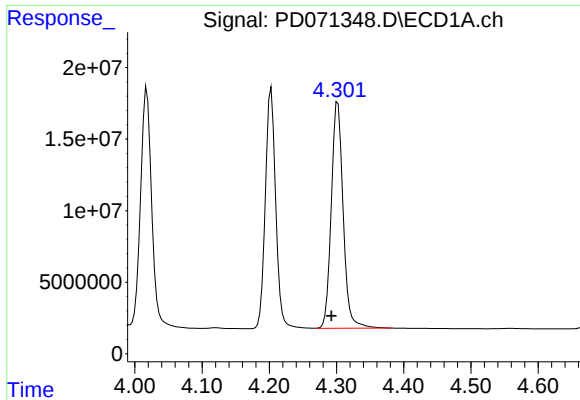
#4 Heptachlor

R.T.: 4.018 min  
Delta R.T.: 0.009 min  
Response: 196851945  
Conc: 46.41 ng/ml



#4 Heptachlor

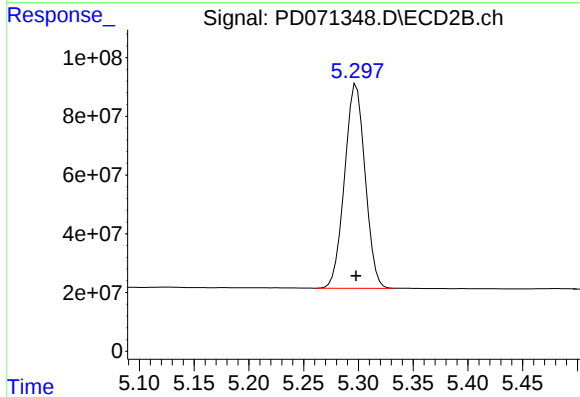
R.T.: 4.956 min  
Delta R.T.: 0.000 min  
Response: 1084482201  
Conc: 51.29 ng/ml



#5 Aldrin

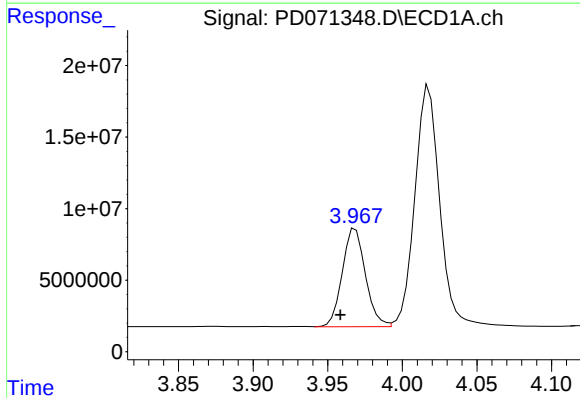
R.T.: 4.302 min  
Delta R.T.: 0.010 min  
Response: 192533858  
Conc: 47.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



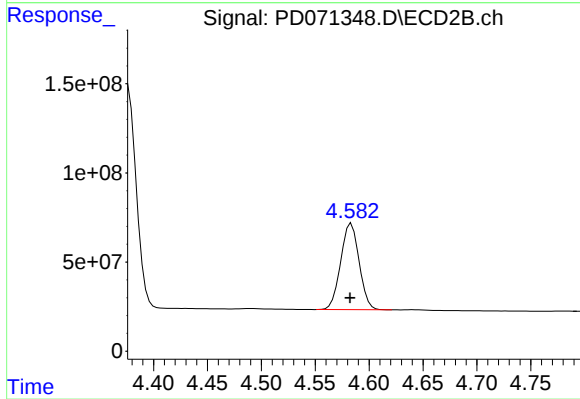
#5 Aldrin

R.T.: 5.298 min  
Delta R.T.: 0.000 min  
Response: 908089241  
Conc: 51.42 ng/ml



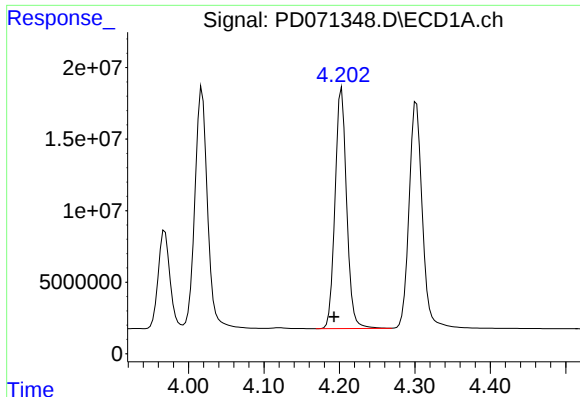
#6 beta-BHC

R.T.: 3.969 min  
Delta R.T.: 0.010 min  
Response: 74274951  
Conc: 43.48 ng/ml



#6 beta-BHC

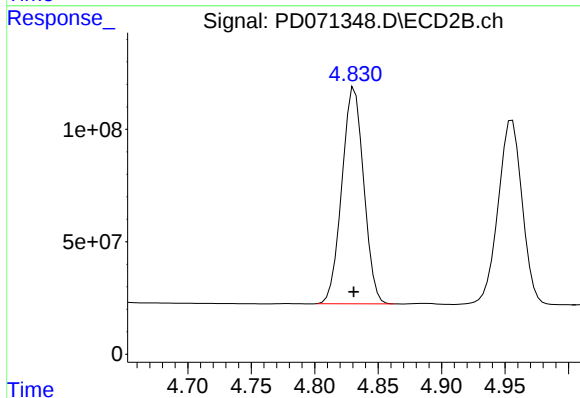
R.T.: 4.584 min  
Delta R.T.: 0.001 min  
Response: 577091927  
Conc: 48.72 ng/ml



#7 delta-BHC

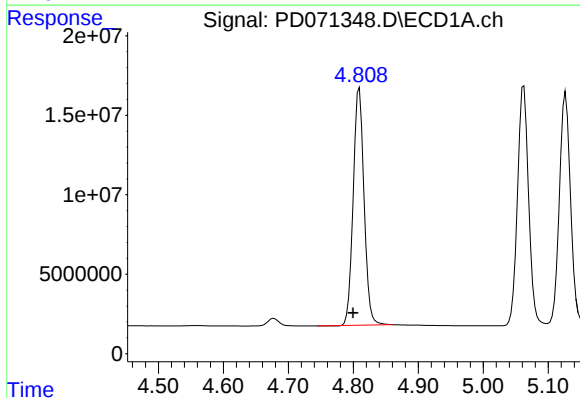
R.T.: 4.203 min  
Delta R.T.: 0.010 min  
Response: 180216716  
Conc: 45.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



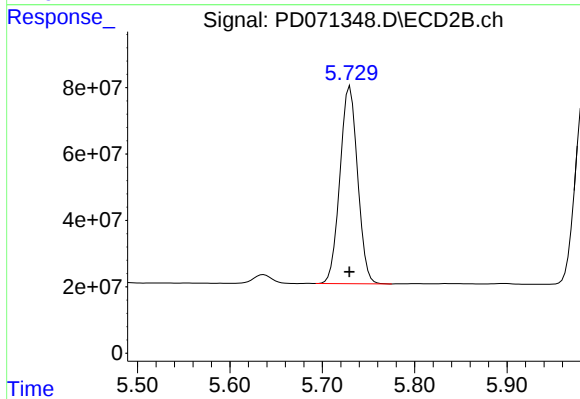
#7 delta-BHC

R.T.: 4.831 min  
Delta R.T.: 0.000 min  
Response: 1152294902  
Conc: 57.90 ng/ml



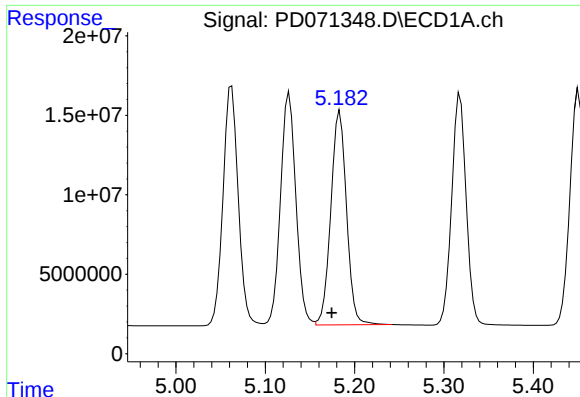
#8 Heptachlor epoxide

R.T.: 4.809 min  
Delta R.T.: 0.010 min  
Response: 173406183  
Conc: 47.35 ng/ml



#8 Heptachlor epoxide

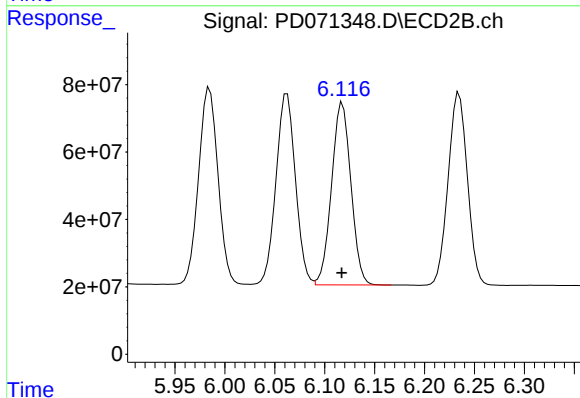
R.T.: 5.730 min  
Delta R.T.: 0.000 min  
Response: 789717417  
Conc: 60.43 ng/ml



#9 Endosulfan I

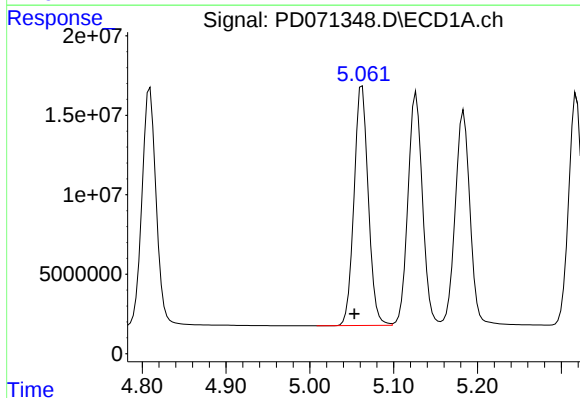
R.T.: 5.184 min  
Delta R.T.: 0.009 min  
Response: 164500979  
Conc: 48.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



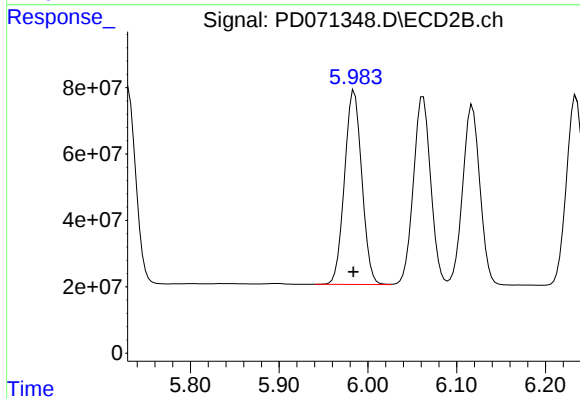
#9 Endosulfan I

R.T.: 6.118 min  
Delta R.T.: 0.000 min  
Response: 729643002  
Conc: 53.07 ng/ml



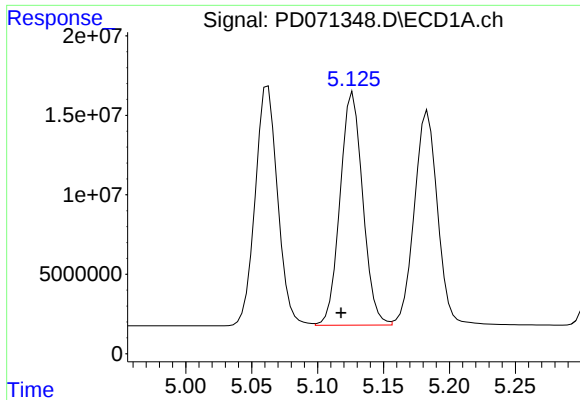
#10 gamma-Chlordane

R.T.: 5.062 min  
Delta R.T.: 0.009 min  
Response: 178469530  
Conc: 46.97 ng/ml



#10 gamma-Chlordane

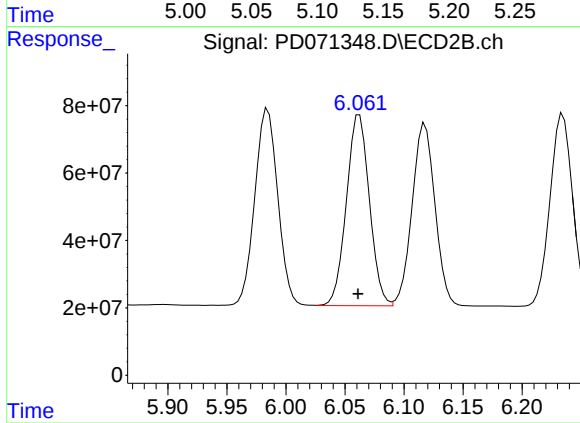
R.T.: 5.985 min  
Delta R.T.: 0.000 min  
Response: 789944864  
Conc: 53.79 ng/ml



#11 alpha-Chlordane

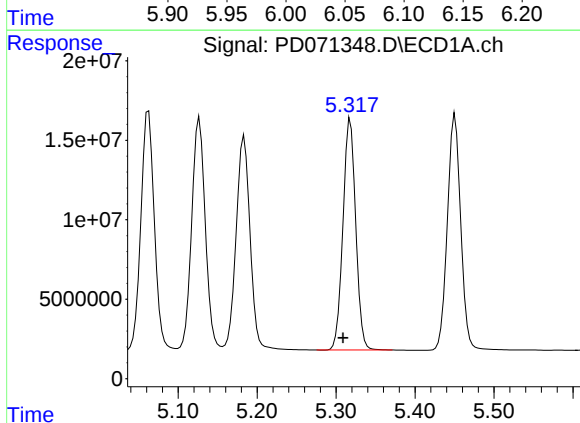
R.T.: 5.127 min  
Delta R.T.: 0.009 min  
Response: 175448425  
Conc: 47.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



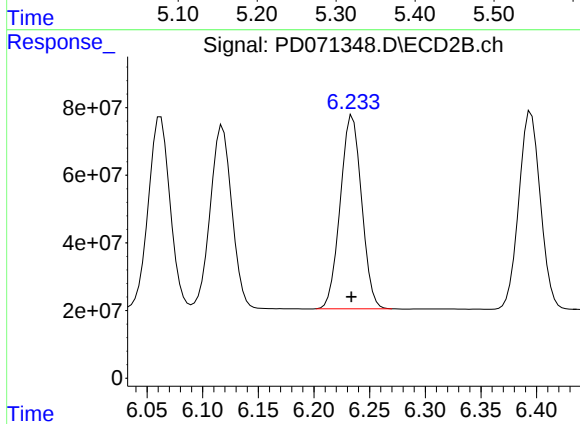
#11 alpha-Chlordane

R.T.: 6.062 min  
Delta R.T.: 0.001 min  
Response: 768455014  
Conc: 52.99 ng/ml



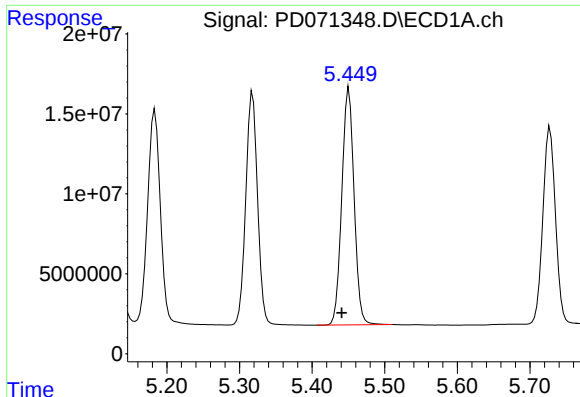
#12 4,4'-DDE

R.T.: 5.318 min  
Delta R.T.: 0.009 min  
Response: 163515474  
Conc: 47.78 ng/ml



#12 4,4'-DDE

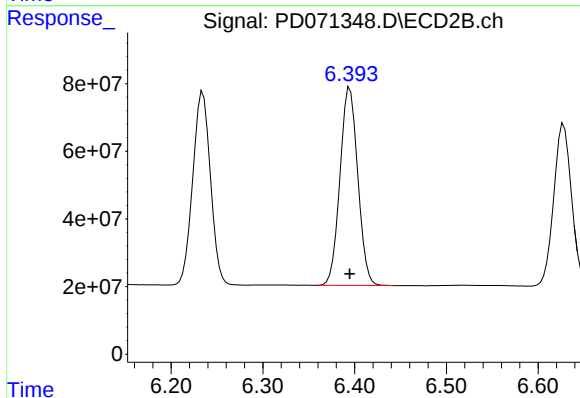
R.T.: 6.235 min  
Delta R.T.: 0.000 min  
Response: 764229617  
Conc: 53.46 ng/ml



#13 Dieldrin

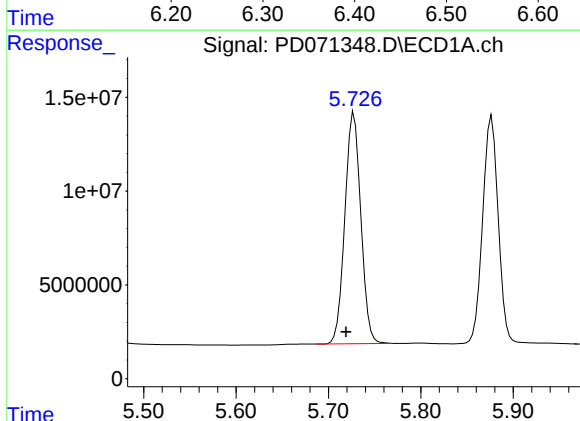
R.T.: 5.451 min  
Delta R.T.: 0.010 min  
Response: 174139077  
Conc: 48.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



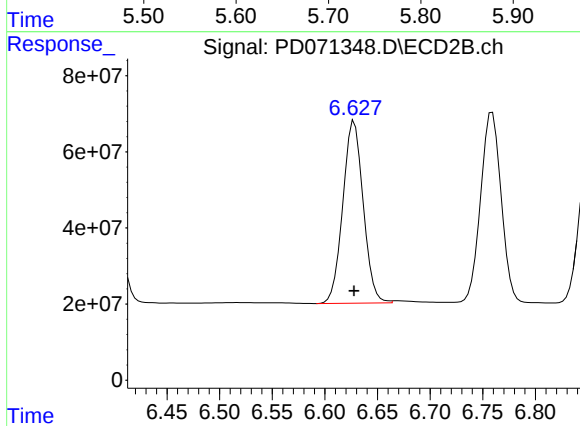
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 789437106  
Conc: 53.72 ng/ml



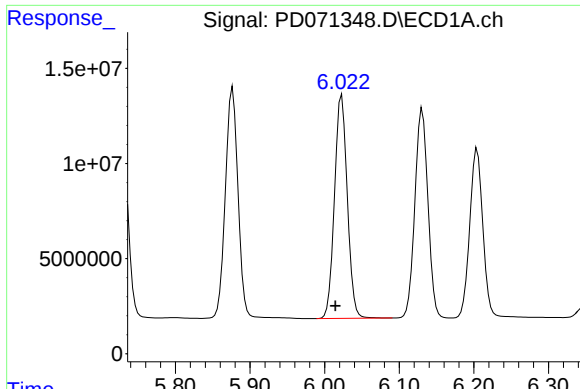
#14 Endrin

R.T.: 5.728 min  
Delta R.T.: 0.009 min  
Response: 148035352  
Conc: 46.76 ng/ml



#14 Endrin

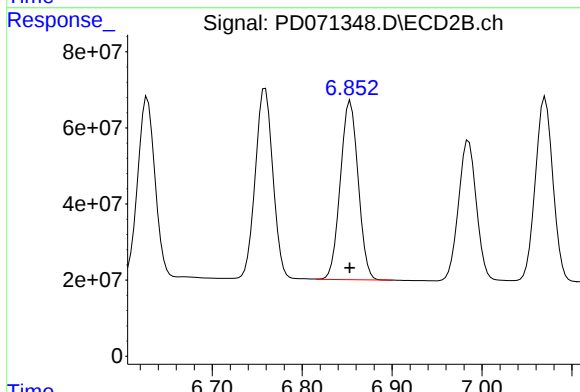
R.T.: 6.628 min  
Delta R.T.: 0.000 min  
Response: 648027802  
Conc: 51.81 ng/ml



#15 Endosulfan II

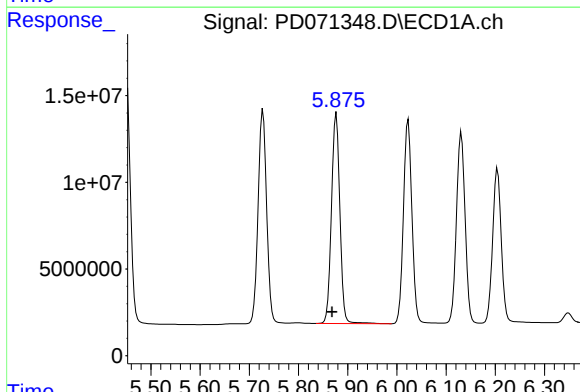
R.T.: 6.023 min  
Delta R.T.: 0.009 min  
Response: 140462081  
Conc: 46.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



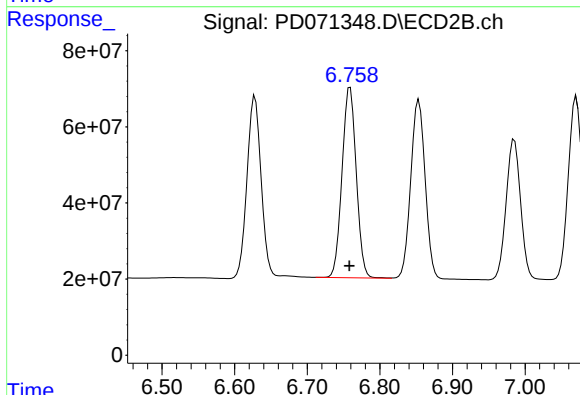
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 647373605  
Conc: 52.21 ng/ml



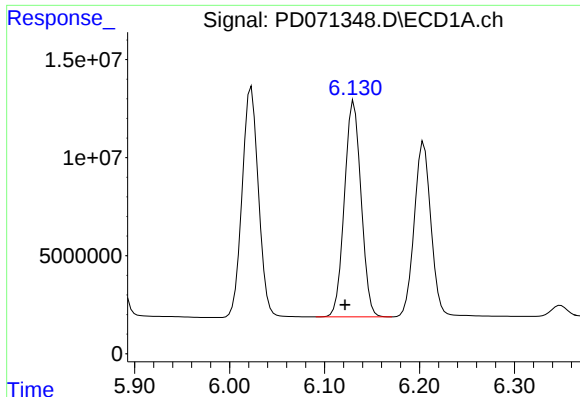
#16 4,4'-DDD

R.T.: 5.877 min  
Delta R.T.: 0.009 min  
Response: 144114640  
Conc: 50.55 ng/ml



#16 4,4'-DDD

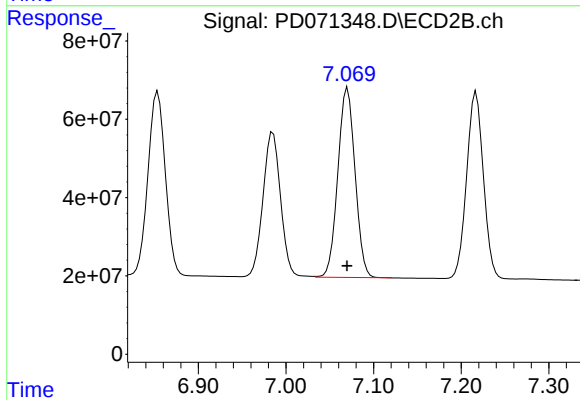
R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 682083257  
Conc: 57.35 ng/ml



#17 4,4'-DDT

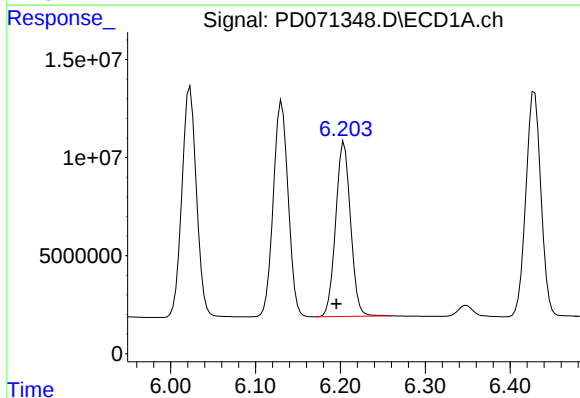
R.T.: 6.131 min  
Delta R.T.: 0.009 min  
Response: 134220936  
Conc: 45.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



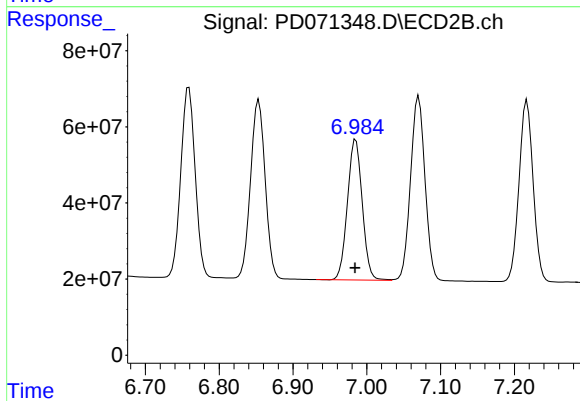
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 661016245  
Conc: 50.68 ng/ml



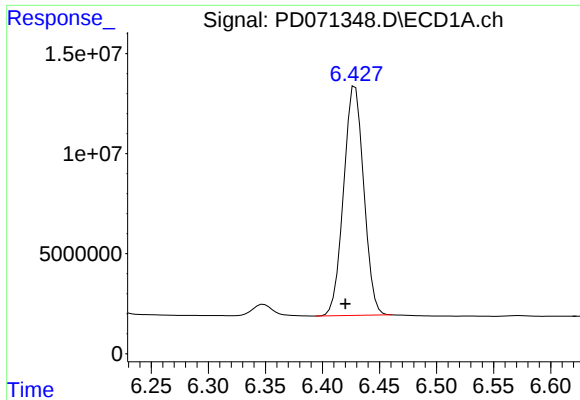
#18 Endrin aldehyde

R.T.: 6.205 min  
Delta R.T.: 0.009 min  
Response: 108480533  
Conc: 49.20 ng/ml



#18 Endrin aldehyde

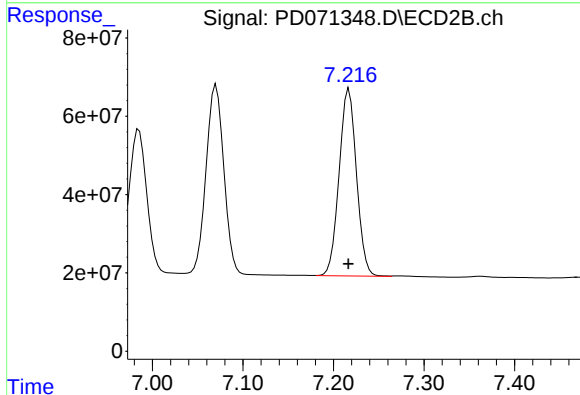
R.T.: 6.985 min  
Delta R.T.: 0.000 min  
Response: 515292566  
Conc: 53.19 ng/ml



#19 Endosulfan Sulfate

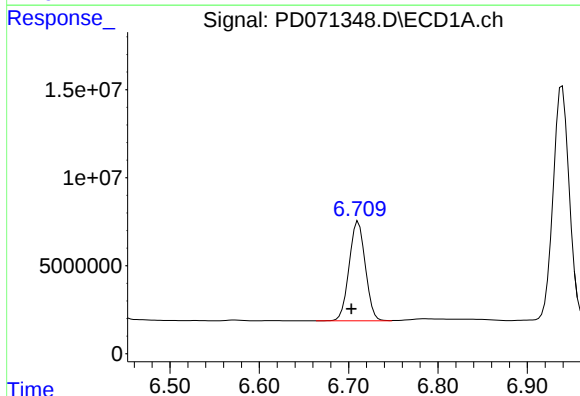
R.T.: 6.429 min  
Delta R.T.: 0.009 min  
Response: 140791024  
Conc: 48.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



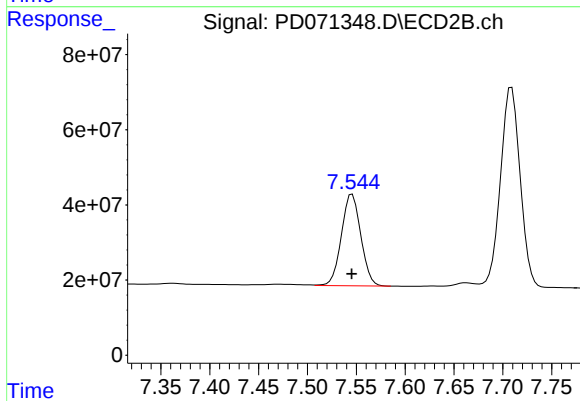
#19 Endosulfan Sulfate

R.T.: 7.217 min  
Delta R.T.: 0.000 min  
Response: 637367255  
Conc: 53.44 ng/ml



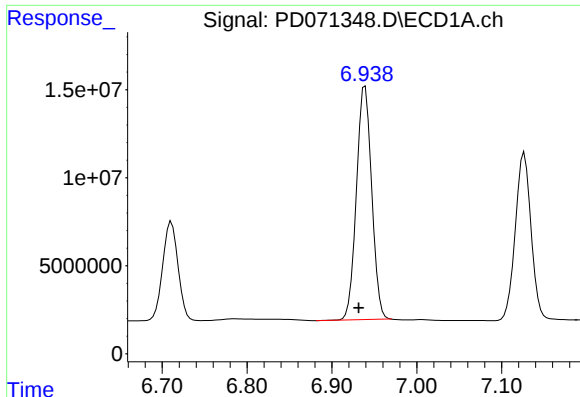
#20 Methoxychlor

R.T.: 6.711 min  
Delta R.T.: 0.008 min  
Response: 71040409  
Conc: 43.07 ng/ml



#20 Methoxychlor

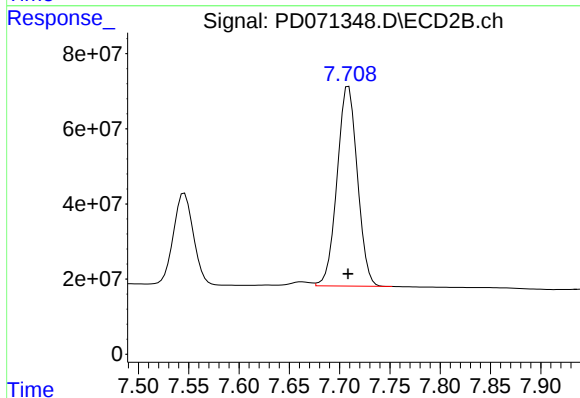
R.T.: 7.546 min  
Delta R.T.: 0.000 min  
Response: 337063150  
Conc: 48.90 ng/ml



#21 Endrin ketone

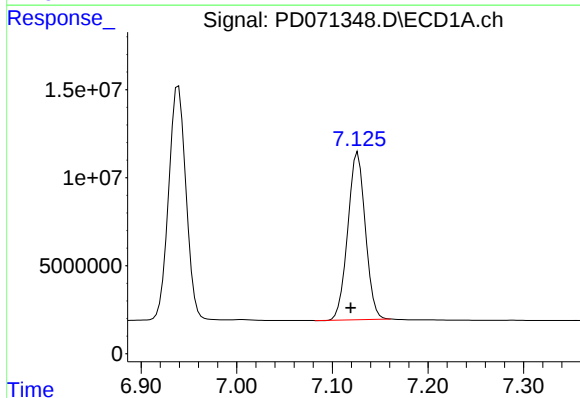
R.T.: 6.939 min  
Delta R.T.: 0.008 min  
Response: 165854093  
Conc: 50.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



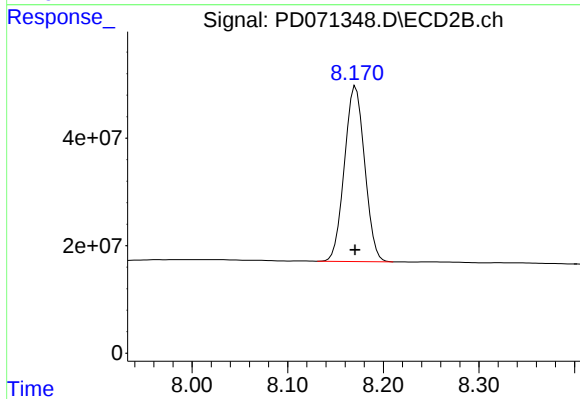
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 746241728  
Conc: 55.59 ng/ml



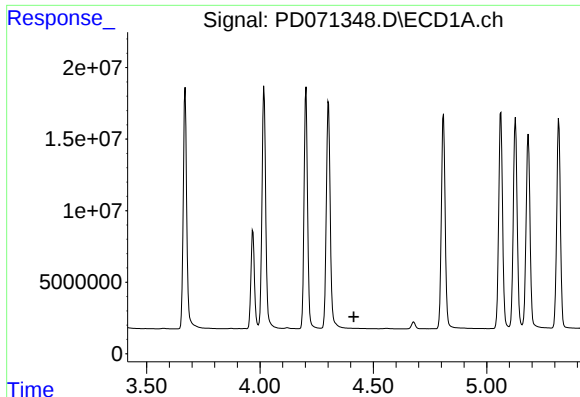
#22 Mirex

R.T.: 7.127 min  
Delta R.T.: 0.007 min  
Response: 121585922  
Conc: 49.66 ng/ml



#22 Mirex

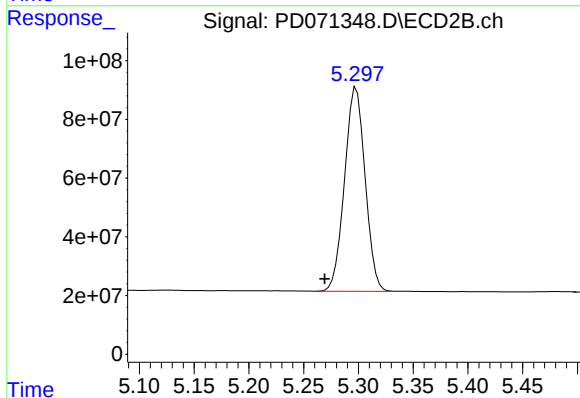
R.T.: 8.171 min  
Delta R.T.: 0.000 min  
Response: 481091558  
Conc: 55.93 ng/ml



#24 Chlordane-2

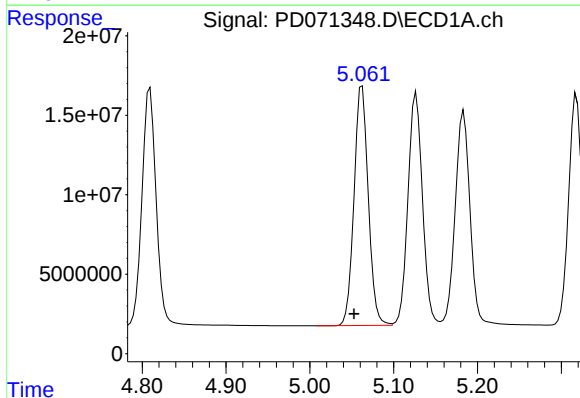
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



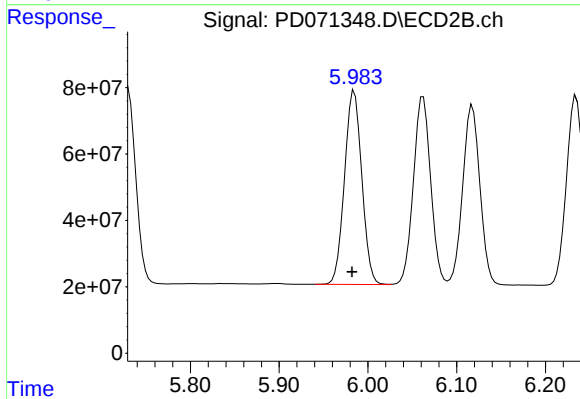
#24 Chlordane-2

R.T.: 5.298 min  
Delta R.T.: 0.029 min  
Response: 908089241  
Conc: 1515.99 ng/ml



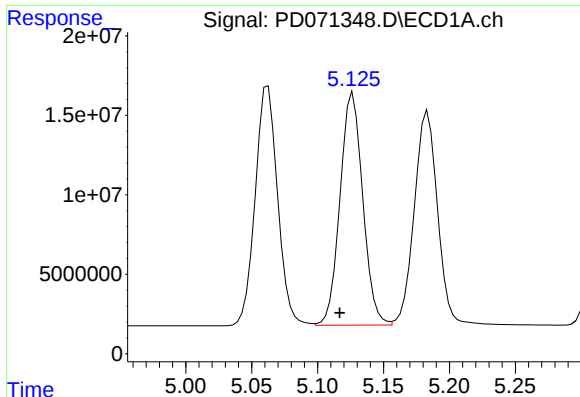
#25 Chlordane-3

R.T.: 5.062 min  
Delta R.T.: 0.010 min  
Response: 178469530  
Conc: 522.67 ng/ml



#25 Chlordane-3

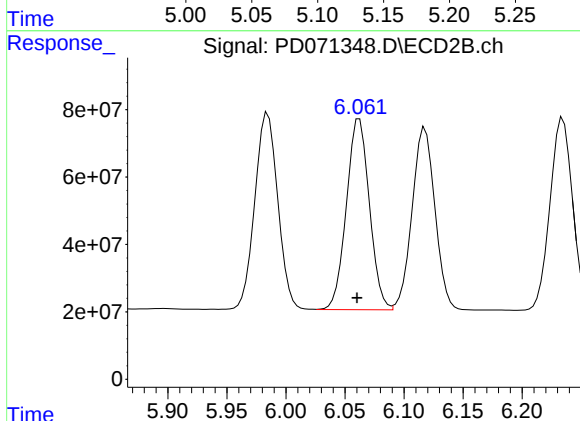
R.T.: 5.985 min  
Delta R.T.: 0.003 min  
Response: 789944864  
Conc: 426.09 ng/ml



#26 Chlordane-4

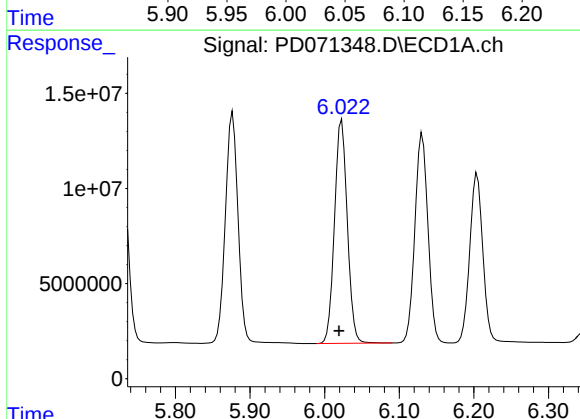
R.T.: 5.127 min  
Delta R.T.: 0.010 min  
Response: 175448425  
Conc: 553.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



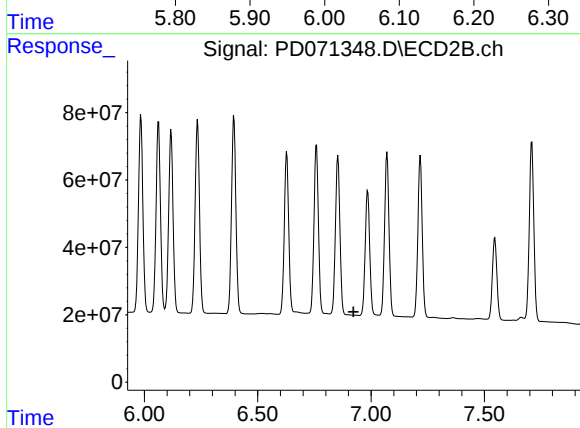
#26 Chlordane-4

R.T.: 6.062 min  
Delta R.T.: 0.002 min  
Response: 768455014  
Conc: 352.56 ng/ml



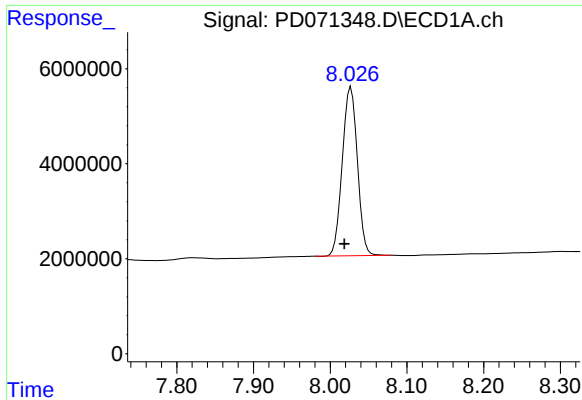
#27 Chlordane-5

R.T.: 6.023 min  
Delta R.T.: 0.004 min  
Response: 140462081  
Conc: 1161.73 ng/ml



#27 Chlordane-5

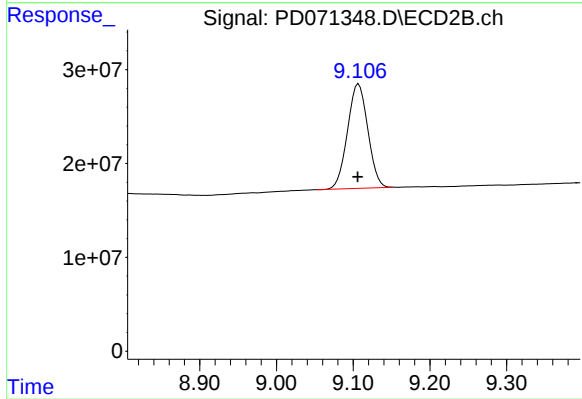
R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.027 min  
Delta R.T.: 0.009 min  
Response: 48730919  
Conc: 17.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.107 min  
Delta R.T.: 0.001 min  
Response: 206251381  
Conc: 19.92 ng/ml