

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081522\  
 Data File : PD071551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2022 18:19  
 Operator : AR\AJ  
 Sample : PSDTICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

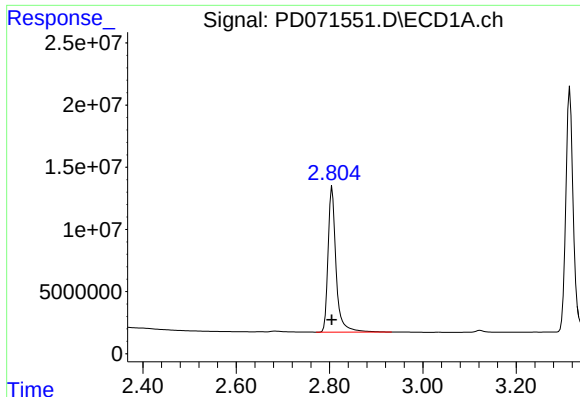
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 07:45:45 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081522.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 16 05:36:08 2022  
 Response via : Initial Calibration  
 Integrator: 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... | 2.805 | 3.563  | 139.0E6  | 1452.8E6 | 50.873   | 49.567     |
| 28)                         | SA Decachlor... | 7.999 | 9.089  | 145.3E6  | 505.3E6  | 50.016   | 49.523     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.315 | 4.029  | 219.0E6  | 1950.7E6 | 51.572   | 49.483     |
| 3)                          | MA gamma-BHC... | 3.648 | 4.365  | 199.6E6  | 1572.0E6 | 51.749   | 48.999     |
| 4)                          | MA Heptachlor   | 3.995 | 4.942  | 211.8E6  | 1162.8E6 | 51.843   | 48.422     |
| 5)                          | MB Aldrin       | 4.279 | 5.285  | 222.0E6  | 1035.9E6 | 51.747   | 48.851     |
| 6)                          | B beta-BHC      | 3.947 | 4.571  | 79740586 | 603.5E6  | 50.239   | 48.997     |
| 7)                          | B delta-BHC     | 4.181 | 4.819  | 201.7E6  | 1238.5E6 | 51.956   | 49.379     |
| 8)                          | B Heptachlo...  | 4.786 | 5.717  | 191.7E6  | 842.1E6  | 51.339   | 48.653     |
| 9)                          | A Endosulfan I  | 5.159 | 6.104  | 178.0E6  | 768.7E6  | 51.472   | 49.413     |
| 10)                         | B gamma-Chl...  | 5.039 | 5.971  | 199.7E6  | 844.0E6  | 51.459   | 49.088     |
| 11)                         | B alpha-Chl...  | 5.103 | 6.048  | 196.3E6  | 819.4E6  | 51.241   | 49.047     |
| 12)                         | B 4,4'-DDE      | 5.294 | 6.221  | 179.7E6  | 774.3E6  | 51.822   | 49.706     |
| 13)                         | MA Dieldrin     | 5.427 | 6.381  | 200.9E6  | 842.0E6  | 51.794   | 49.522     |
| 14)                         | MA Endrin       | 5.704 | 6.614  | 178.3E6  | 720.0E6  | 51.717   | 50.232     |
| 15)                         | B Endosulfa...  | 5.999 | 6.839  | 164.6E6  | 683.0E6  | 51.259   | 49.665     |
| 16)                         | A 4,4'-DDD      | 5.853 | 6.745  | 141.7E6  | 617.4E6  | 51.648   | 50.172     |
| 17)                         | MA 4,4'-DDT     | 6.106 | 7.057  | 153.5E6  | 646.1E6  | 52.857   | 50.539     |
| 18)                         | B Endrin al...  | 6.180 | 6.971  | 131.3E6  | 545.8E6  | 50.954   | 49.997     |
| 19)                         | B Endosulfa...  | 6.404 | 7.203  | 155.0E6  | 615.3E6  | 50.863   | 50.192     |
| 20)                         | A Methoxychlor  | 6.686 | 7.533  | 81115769 | 320.6E6  | 51.414   | 50.629     |
| 21)                         | B Endrin ke...  | 6.914 | 7.695  | 181.1E6  | 668.2E6  | 50.487   | 49.847     |
| 22)                         | Mirex           | 7.100 | 8.157  | 144.1E6  | 479.9E6  | 49.968   | 49.673     |
| 24)                         | Chlordane-2     | 0.000 | 5.285f | 0        | 1035.9E6 | N.D.     | 1403.403 # |
| 25)                         | Chlordane-3     | 5.039 | 5.971  | 199.7E6  | 844.0E6  | 497.093  | 343.115 #  |
| 26)                         | Chlordane-4     | 5.103 | 6.048  | 196.3E6  | 819.4E6  | 521.362  | 282.885 #  |
| 27)                         | Chlordane-5     | 5.999 | 0.000  | 164.6E6  | 0        | 1150.846 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

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

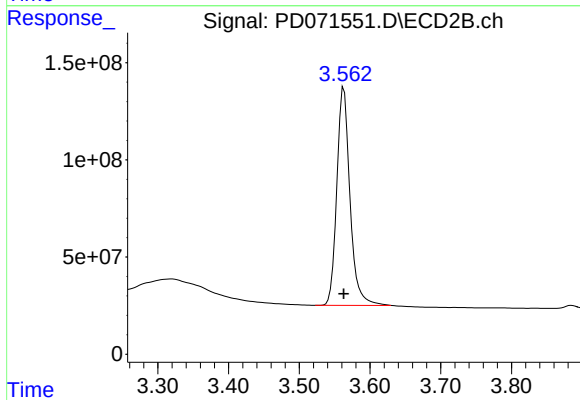




#1 Tetrachloro-m-xylene

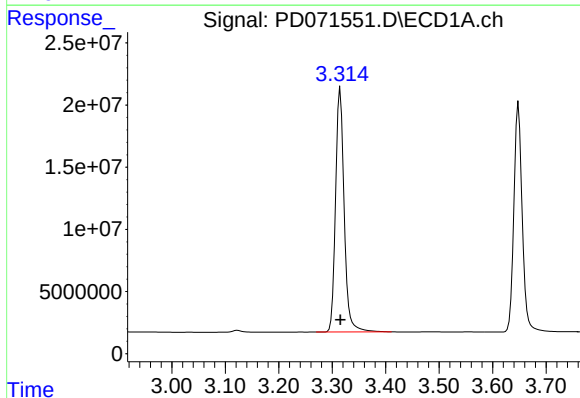
R.T.: 2.805 min  
Delta R.T.: 0.000 min  
Response: 139029334  
Conc: 50.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



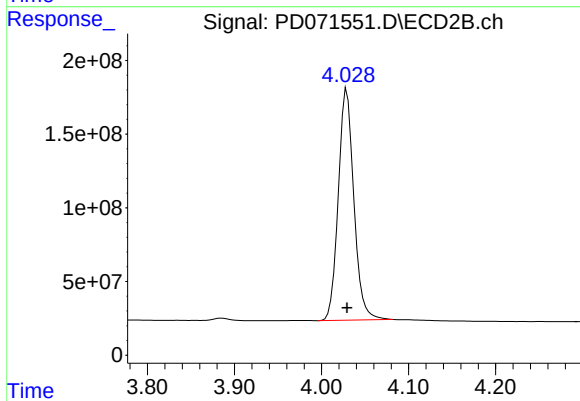
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 1452829776  
Conc: 49.57 ng/ml



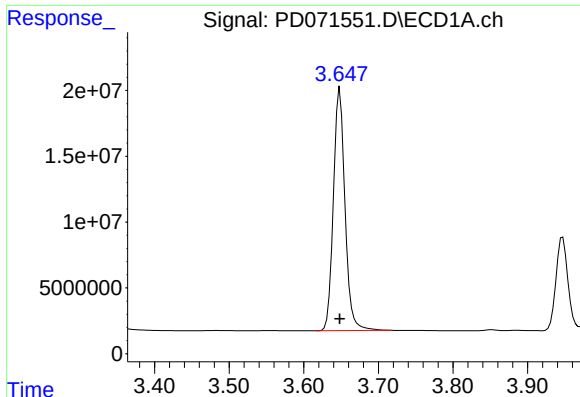
#2 alpha-BHC

R.T.: 3.315 min  
Delta R.T.: 0.000 min  
Response: 219031922  
Conc: 51.57 ng/ml



#2 alpha-BHC

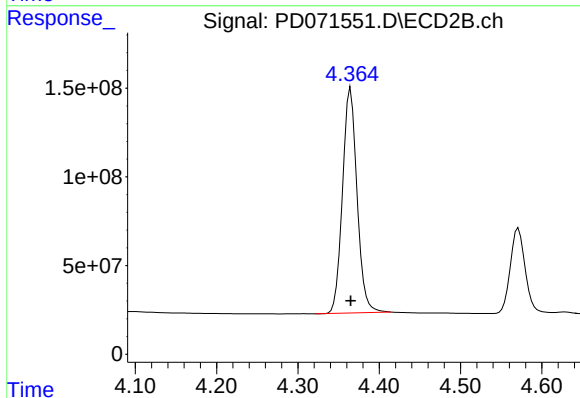
R.T.: 4.029 min  
Delta R.T.: 0.000 min  
Response: 1950739375  
Conc: 49.48 ng/ml



#3 gamma-BHC (Lindane)

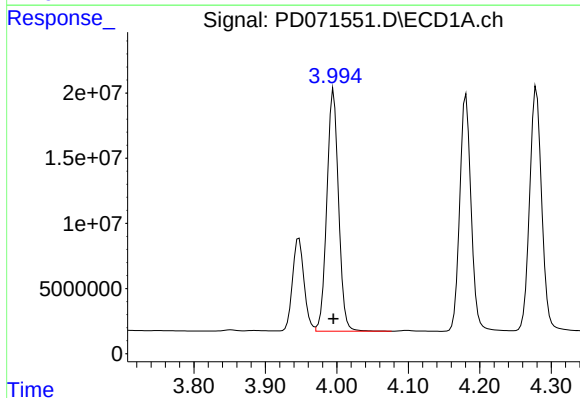
R.T.: 3.648 min  
Delta R.T.: 0.000 min  
Response: 199642119  
Conc: 51.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



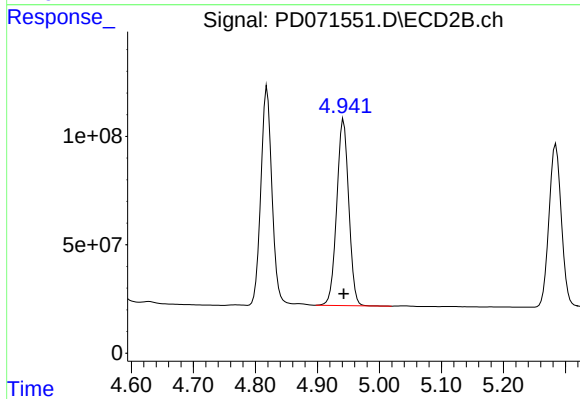
#3 gamma-BHC (Lindane)

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 1571953043  
Conc: 49.00 ng/ml



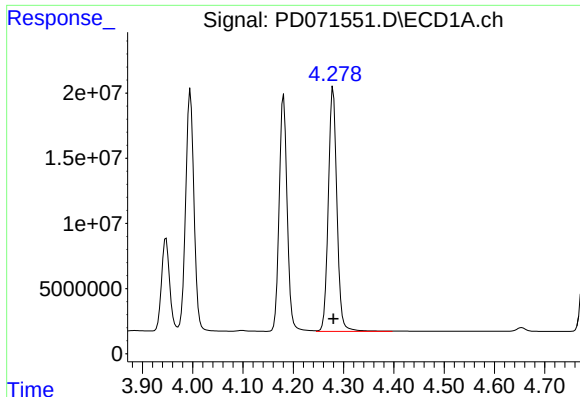
#4 Heptachlor

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 211758985  
Conc: 51.84 ng/ml



#4 Heptachlor

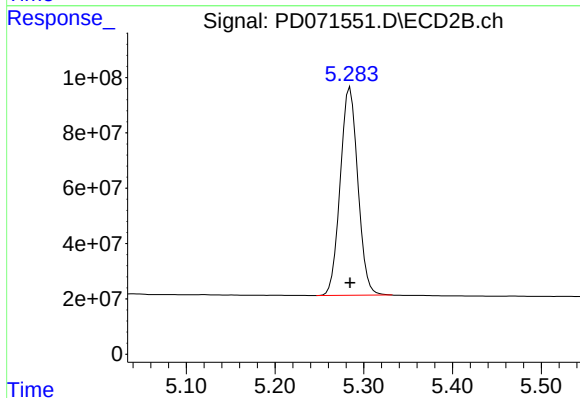
R.T.: 4.942 min  
Delta R.T.: 0.000 min  
Response: 1162847032  
Conc: 48.42 ng/ml



#5 Aldrin

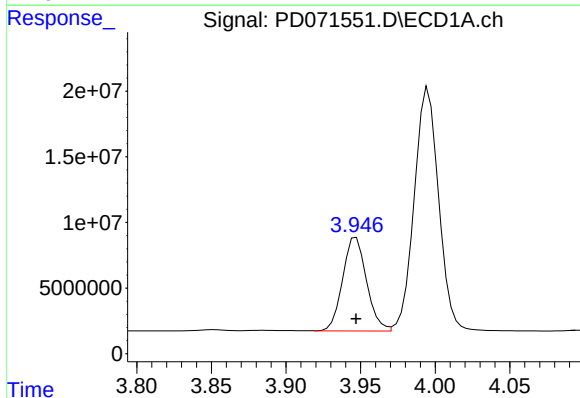
R.T.: 4.279 min  
Delta R.T.: 0.000 min  
Response: 222037212  
Conc: 51.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



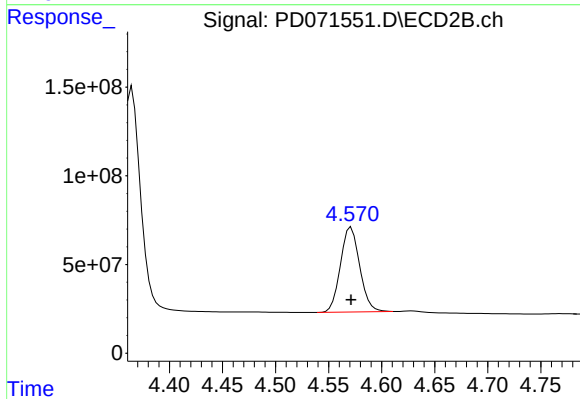
#5 Aldrin

R.T.: 5.285 min  
Delta R.T.: 0.000 min  
Response: 1035880863  
Conc: 48.85 ng/ml



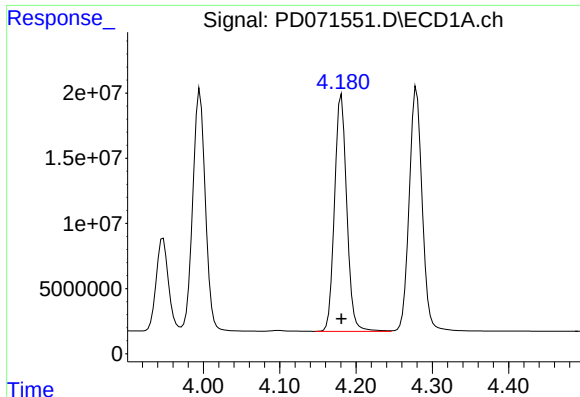
#6 beta-BHC

R.T.: 3.947 min  
Delta R.T.: 0.000 min  
Response: 79740586  
Conc: 50.24 ng/ml



#6 beta-BHC

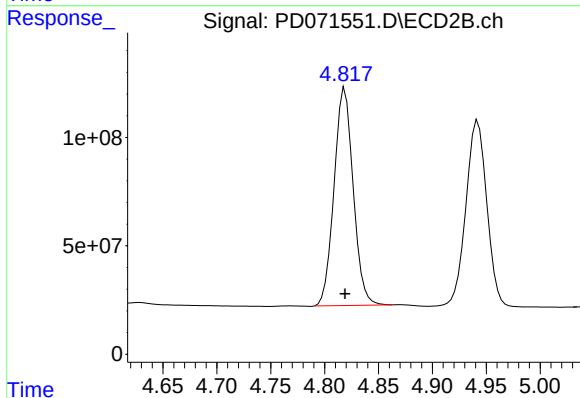
R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 603483852  
Conc: 49.00 ng/ml



#7 delta-BHC

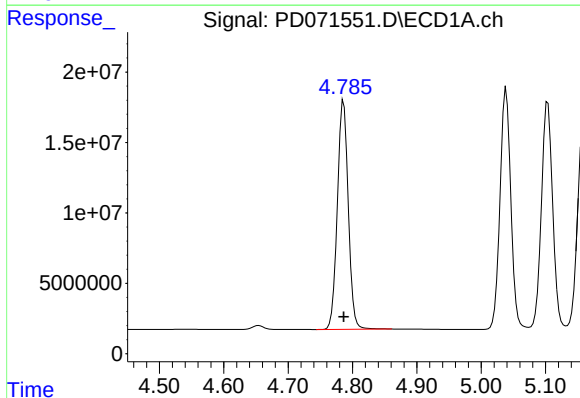
R.T.: 4.181 min  
Delta R.T.: 0.000 min  
Response: 201697623  
Conc: 51.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



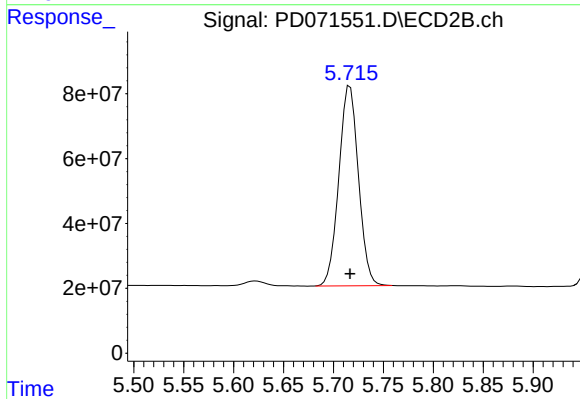
#7 delta-BHC

R.T.: 4.819 min  
Delta R.T.: 0.000 min  
Response: 1238458847  
Conc: 49.38 ng/ml



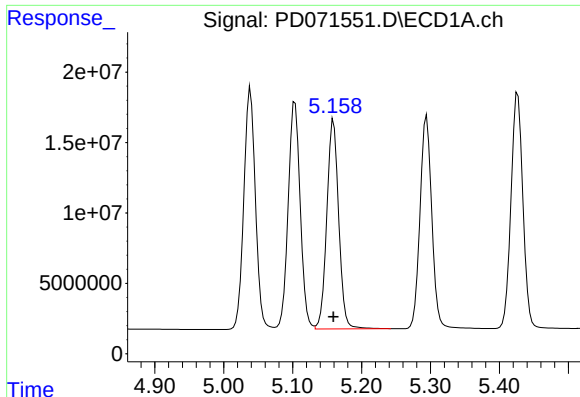
#8 Heptachlor epoxide

R.T.: 4.786 min  
Delta R.T.: 0.000 min  
Response: 191688674  
Conc: 51.34 ng/ml



#8 Heptachlor epoxide

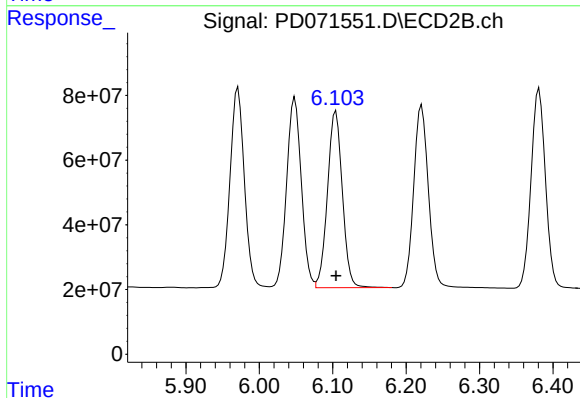
R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 842101291  
Conc: 48.65 ng/ml



#9 Endosulfan I

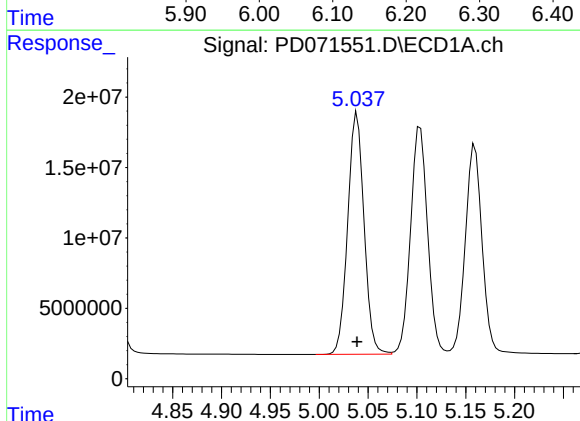
R.T.: 5.159 min  
Delta R.T.: 0.000 min  
Response: 177994133  
Conc: 51.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



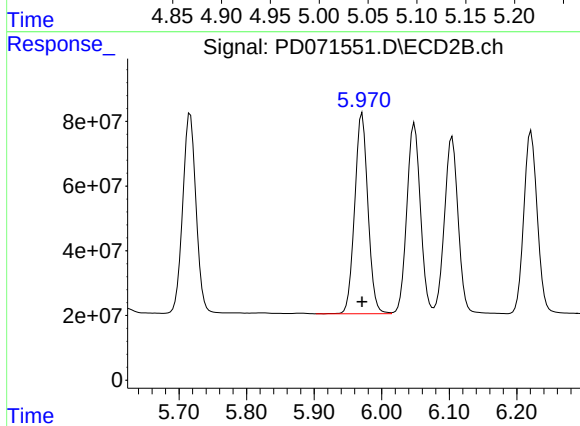
#9 Endosulfan I

R.T.: 6.104 min  
Delta R.T.: 0.000 min  
Response: 768691434  
Conc: 49.41 ng/ml



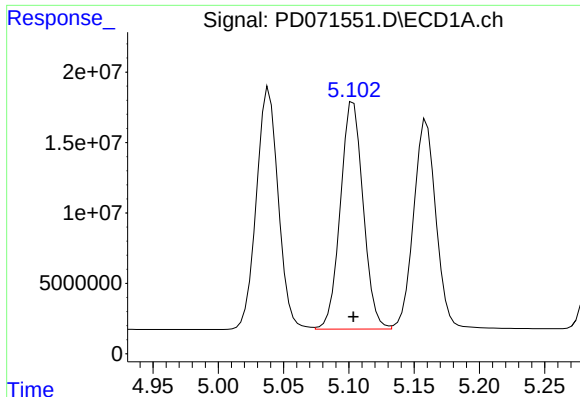
#10 gamma-Chlordane

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 199675476  
Conc: 51.46 ng/ml



#10 gamma-Chlordane

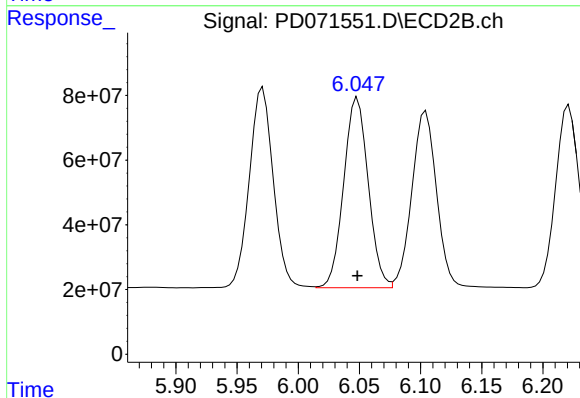
R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 843988380  
Conc: 49.09 ng/ml



#11 alpha-Chlordane

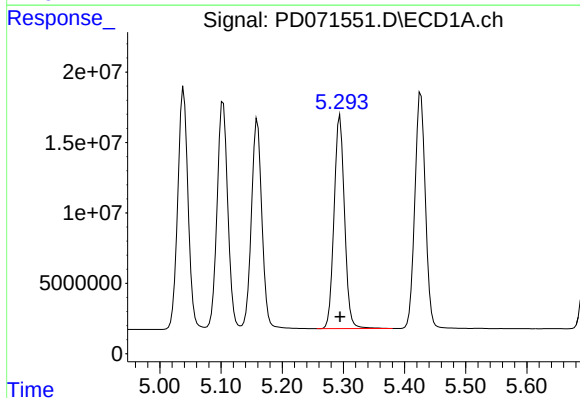
R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 196267532  
Conc: 51.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



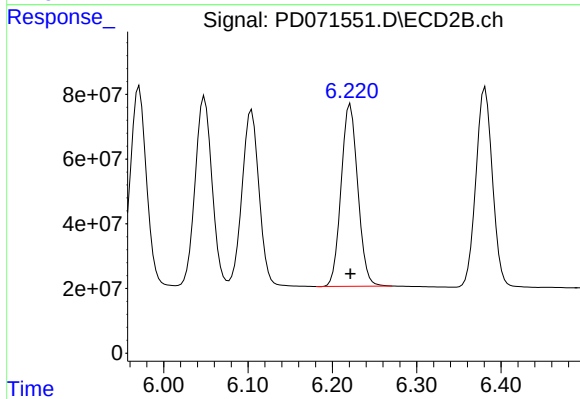
#11 alpha-Chlordane

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 819408070  
Conc: 49.05 ng/ml



#12 4,4'-DDE

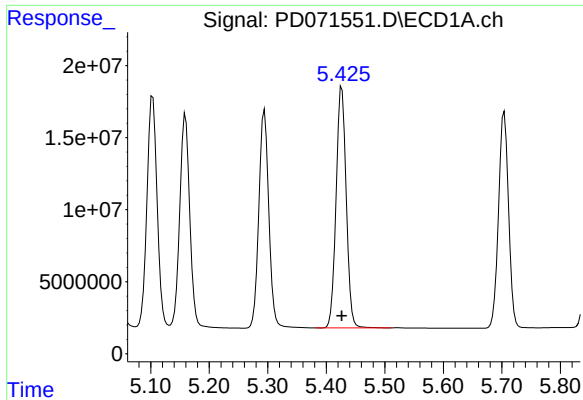
R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 179718996  
Conc: 51.82 ng/ml



#12 4,4'-DDE

R.T.: 6.221 min  
Delta R.T.: 0.000 min  
Response: 774327861  
Conc: 49.71 ng/ml

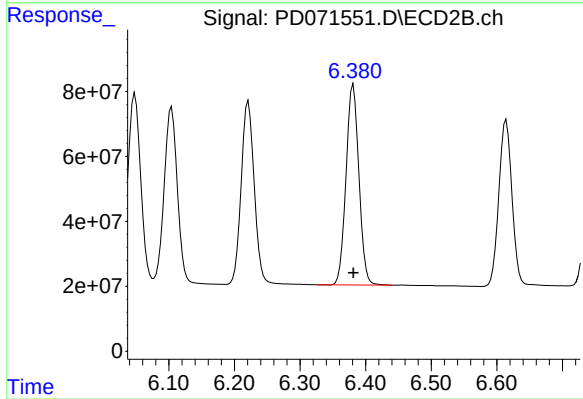




#13 Dieldrin

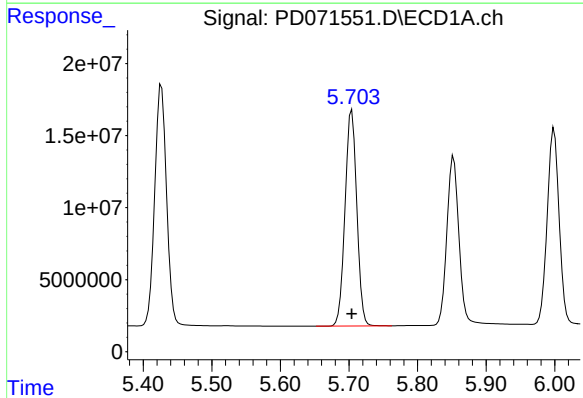
R.T.: 5.427 min  
Delta R.T.: 0.000 min  
Response: 200919005  
Conc: 51.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



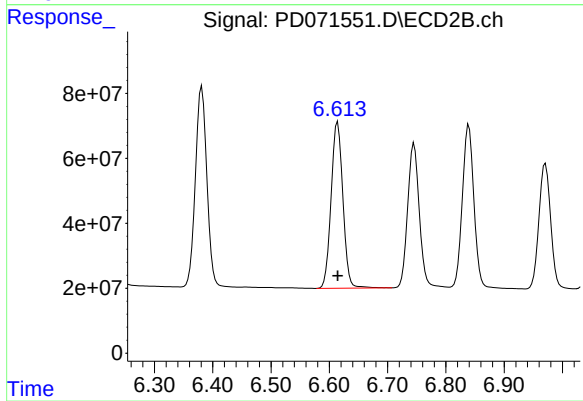
#13 Dieldrin

R.T.: 6.381 min  
Delta R.T.: 0.000 min  
Response: 842041708  
Conc: 49.52 ng/ml



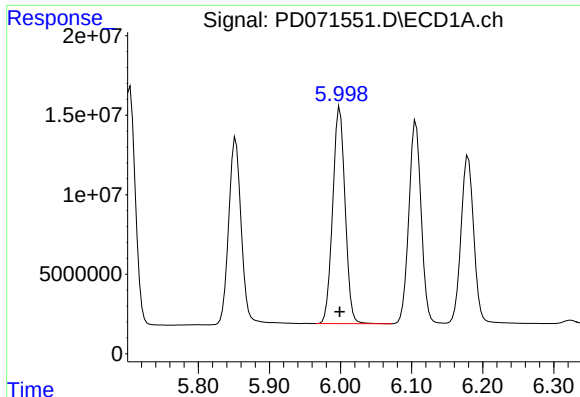
#14 Endrin

R.T.: 5.704 min  
Delta R.T.: 0.000 min  
Response: 178251557  
Conc: 51.72 ng/ml



#14 Endrin

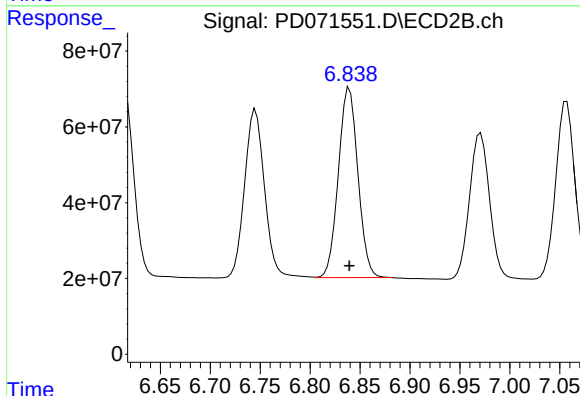
R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 719999160  
Conc: 50.23 ng/ml



#15 Endosulfan II

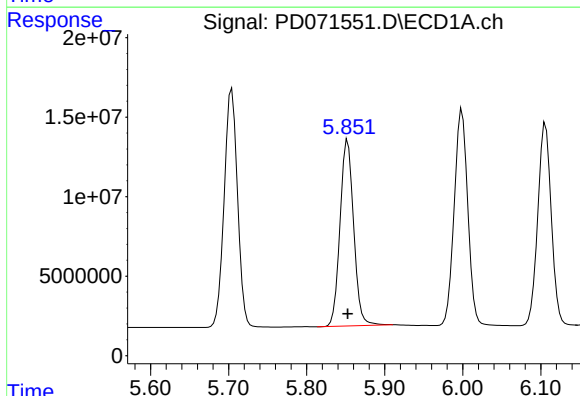
R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 164613502  
Conc: 51.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



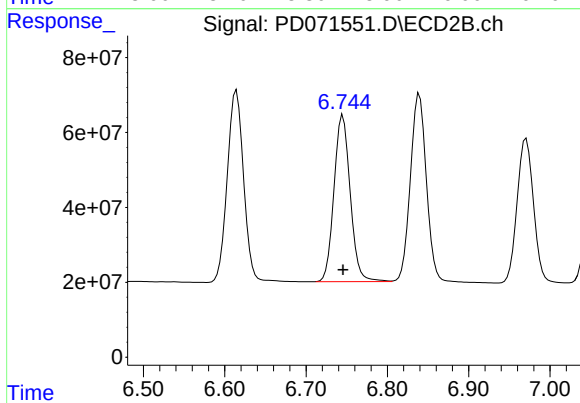
#15 Endosulfan II

R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 683041391  
Conc: 49.67 ng/ml



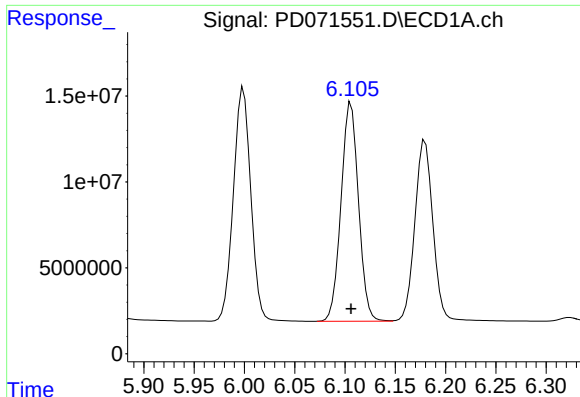
#16 4,4'-DDD

R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 141677042  
Conc: 51.65 ng/ml



#16 4,4'-DDD

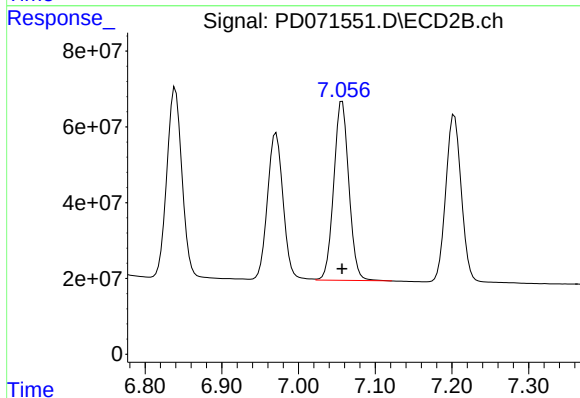
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 617410380  
Conc: 50.17 ng/ml



#17 4,4'-DDT

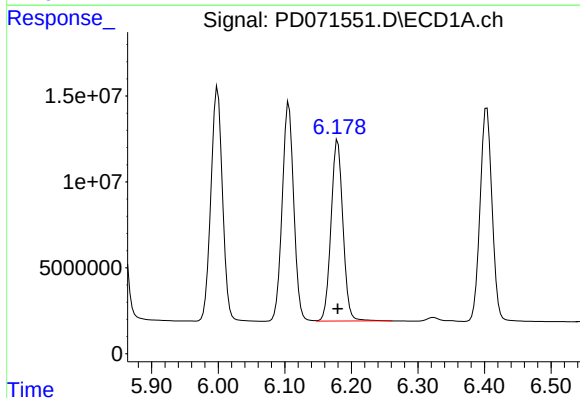
R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 153537451  
Conc: 52.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



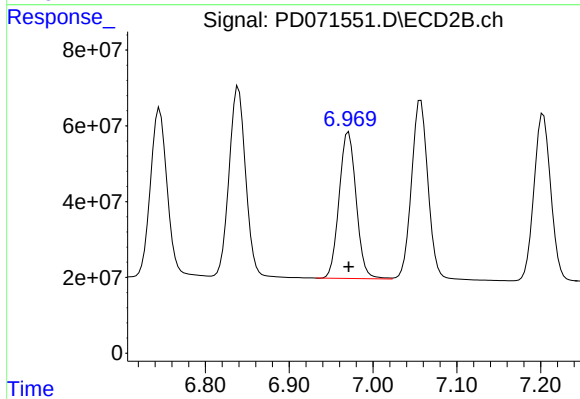
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 646079308  
Conc: 50.54 ng/ml



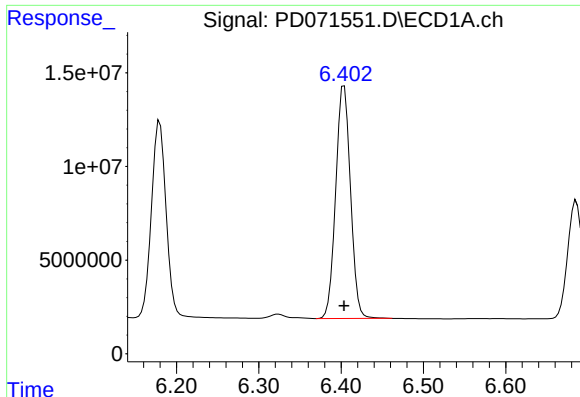
#18 Endrin aldehyde

R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 131332373  
Conc: 50.95 ng/ml



#18 Endrin aldehyde

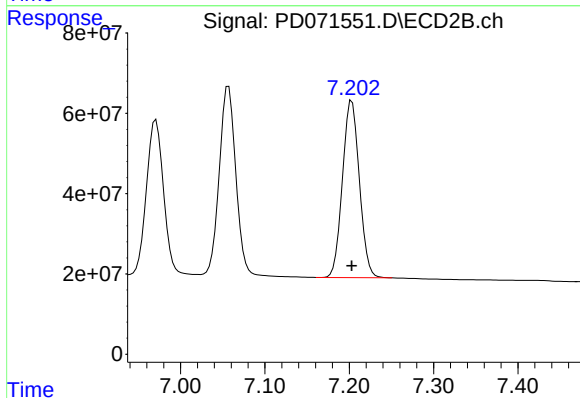
R.T.: 6.971 min  
Delta R.T.: 0.000 min  
Response: 545826277  
Conc: 50.00 ng/ml



#19 Endosulfan Sulfate

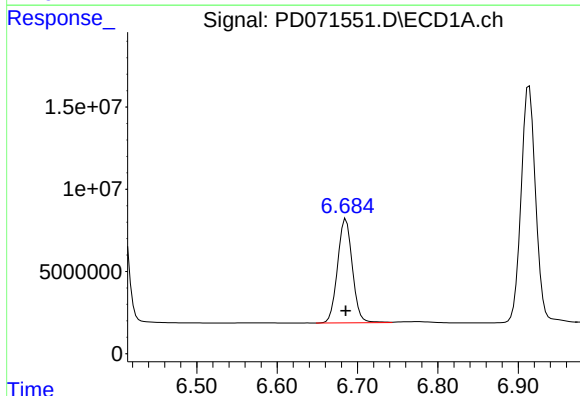
R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 155020375  
Conc: 50.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



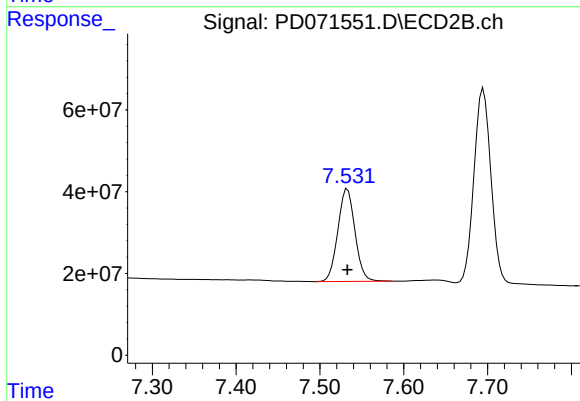
#19 Endosulfan Sulfate

R.T.: 7.203 min  
Delta R.T.: 0.000 min  
Response: 615291789  
Conc: 50.19 ng/ml



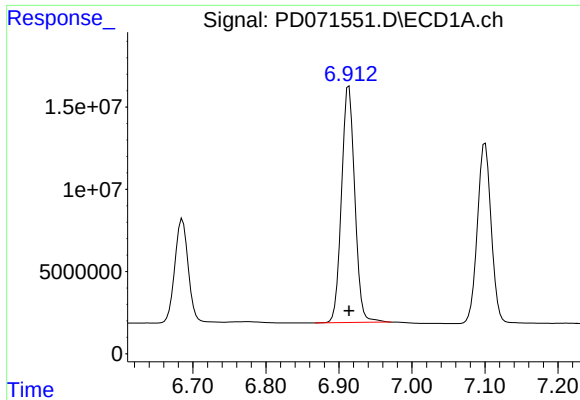
#20 Methoxychlor

R.T.: 6.686 min  
Delta R.T.: 0.000 min  
Response: 81115769  
Conc: 51.41 ng/ml



#20 Methoxychlor

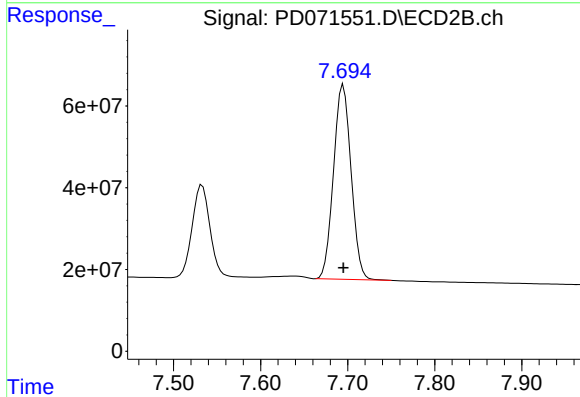
R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 320617925  
Conc: 50.63 ng/ml



#21 Endrin ketone

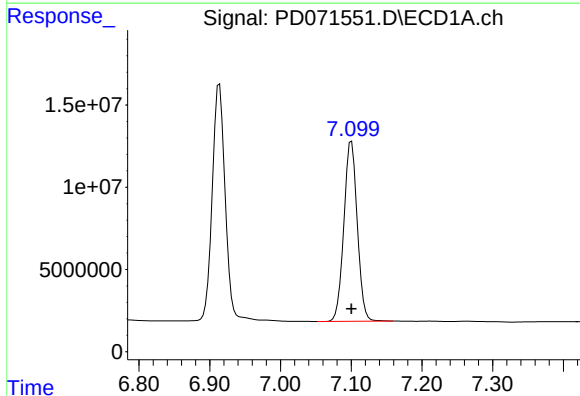
R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 181065897  
Conc: 50.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



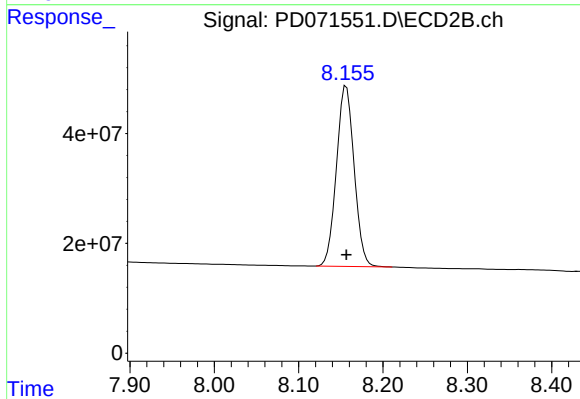
#21 Endrin ketone

R.T.: 7.695 min  
Delta R.T.: 0.000 min  
Response: 668212721  
Conc: 49.85 ng/ml



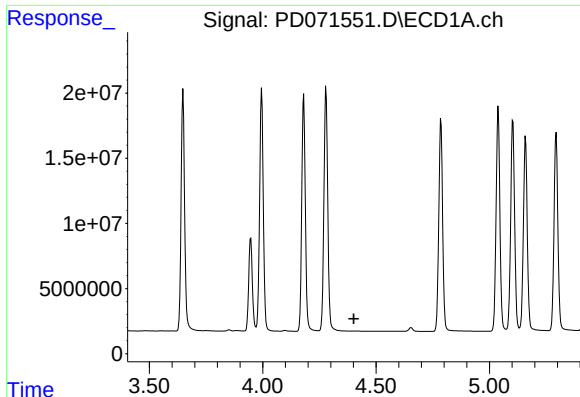
#22 Mirex

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 144066937  
Conc: 49.97 ng/ml



#22 Mirex

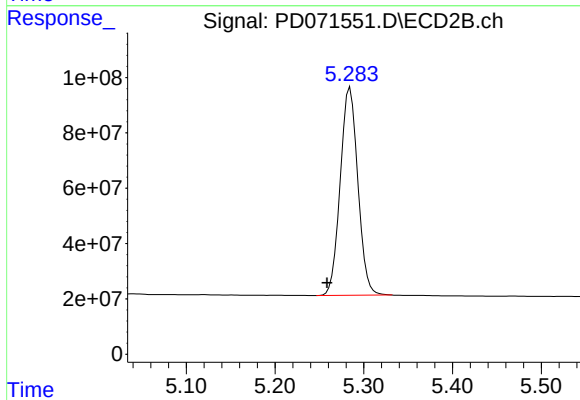
R.T.: 8.157 min  
Delta R.T.: 0.000 min  
Response: 479882789  
Conc: 49.67 ng/ml



#24 Chlordane-2

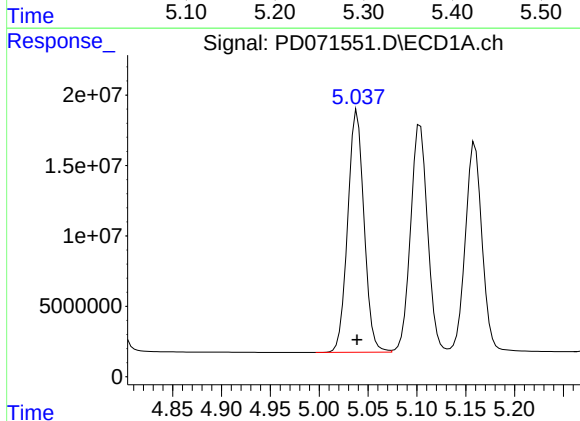
R.T.: 0.000 min  
Exp R.T.: 4.401 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



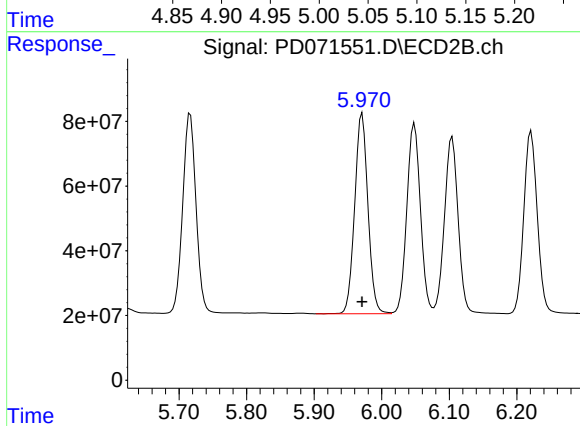
#24 Chlordane-2

R.T.: 5.285 min  
Delta R.T.: 0.026 min  
Response: 1035880863  
Conc: 1403.40 ng/ml



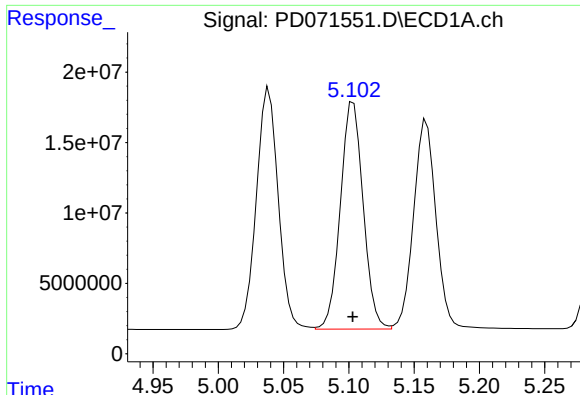
#25 Chlordane-3

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 199675476  
Conc: 497.09 ng/ml



#25 Chlordane-3

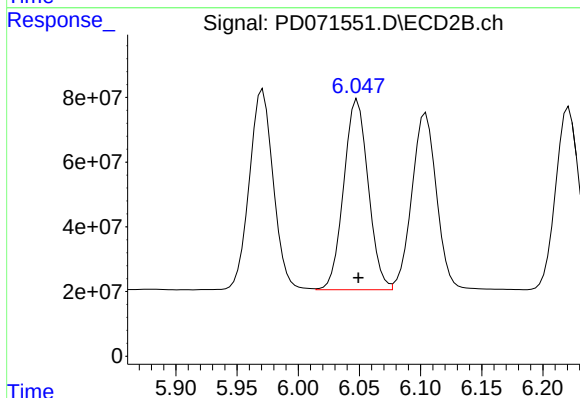
R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 843988380  
Conc: 343.11 ng/ml



#26 Chlordane-4

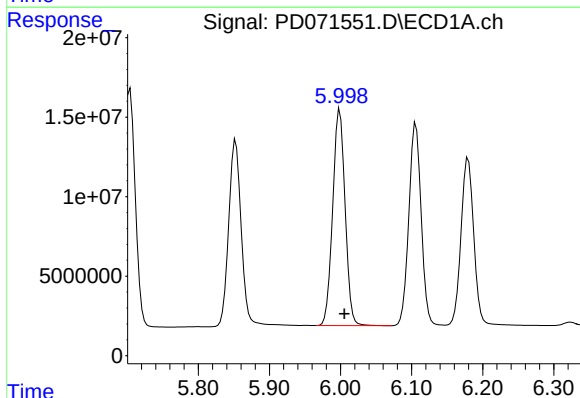
R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 196267532  
Conc: 521.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



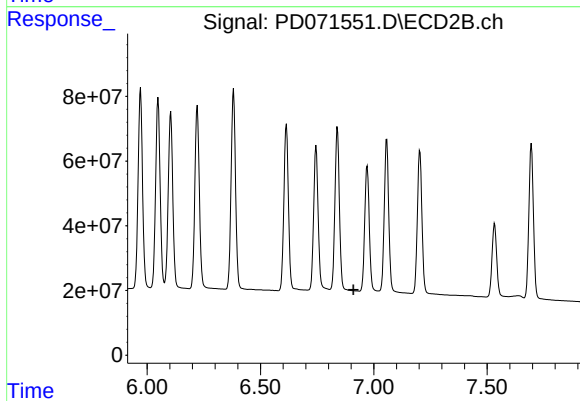
#26 Chlordane-4

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 819408070  
Conc: 282.89 ng/ml



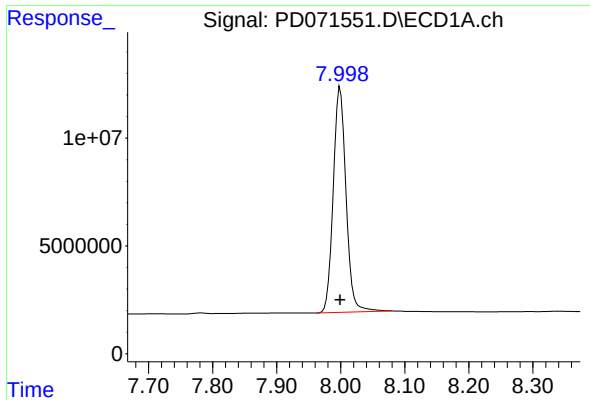
#27 Chlordane-5

R.T.: 5.999 min  
Delta R.T.: -0.006 min  
Response: 164613502  
Conc: 1150.85 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.911 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

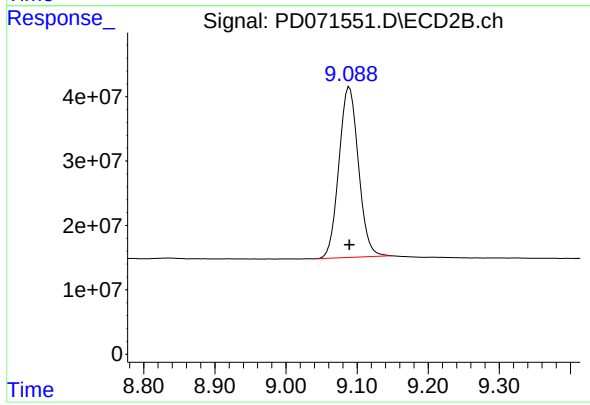
R.T.: 7.999 min

Delta R.T.: 0.000 min

Response: 145274952

Conc: 50.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.089 min

Delta R.T.: 0.000 min

Response: 505336620

Conc: 49.52 ng/ml