

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071922\  
 Data File : PD070985.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2022 20:15  
 Operator : AR\AJ  
 Sample : PSTDIC075  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 01:55:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071922.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 20 05:30:10 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... | 3.474  | 4.126  | 221.5E6  | 1999.2E6 | 76.425   | 69.147     |
| 28)                         | SA Decachlor... | 8.243  | 9.321  | 214.9E6  | 779.5E6  | 70.344   | 68.351     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.916  | 4.531  | 347.5E6  | 2586.3E6 | 79.197   | 68.233     |
| 3)                          | MA gamma-BHC... | 4.200  | 4.824  | 323.3E6  | 2048.0E6 | 74.453   | 68.571     |
| 4)                          | MA Heptachlor   | 0.000  | 5.341  | 0        | 1471.7E6 | N.D.     | 66.622 #   |
| 5)                          | MB Aldrin       | 4.749  | 5.653  | 322.0E6  | 1245.5E6 | 77.058   | 67.279     |
| 6)                          | B beta-BHC      | 4.449  | 5.001  | 119.6E6  | 823.1E6  | 71.533   | 61.366     |
| 7)                          | B delta-BHC     | 4.655  | 5.225  | 303.0E6  | 1592.9E6 | 76.552   | 67.372     |
| 8)                          | B Heptachlo...  | 5.193  | 6.048  | 277.4E6  | 1016.4E6 | 74.044   | 67.224     |
| 9)                          | A Endosulfan I  | 5.533  | 6.413  | 263.2E6  | 988.5E6  | 75.366   | 68.097     |
| 10)                         | B gamma-Chl...  | 5.419  | 6.285  | 290.0E6  | 1072.3E6 | 74.573   | 67.987     |
| 11)                         | B alpha-Chl...  | 5.479  | 6.358  | 284.5E6  | 1040.0E6 | 74.402   | 67.590     |
| 12)                         | B 4,4'-DDE      | 5.645  | 6.513  | 269.9E6  | 1038.1E6 | 76.628   | 69.157     |
| 13)                         | MA Dieldrin     | 5.777  | 6.674  | 286.3E6  | 1057.2E6 | 76.225   | 69.187     |
| 14)                         | MA Endrin       | 6.035  | 6.897  | 234.2E6  | 768.7E6  | 75.010   | 74.116     |
| 15)                         | B Endosulfa...  | 6.309  | 7.112  | 220.4E6  | 854.7E6  | 73.258   | 68.276     |
| 16)                         | A 4,4'-DDD      | 6.162  | 7.013  | 221.5E6  | 875.4E6  | 75.462   | 70.383     |
| 17)                         | MA 4,4'-DDT     | 6.403  | 7.313  | 231.1E6  | 937.4E6  | 75.497   | 69.986     |
| 18)                         | B Endrin al...  | 6.478  | 7.237  | 169.9E6  | 692.4E6  | 70.819   | 68.662     |
| 19)                         | B Endosulfa...  | 6.692  | 7.461  | 159.1E6  | 835.8E6  | 53.396   | 69.173 #   |
| 20)                         | A Methoxychlor  | 6.954  | 7.773  | 104.8E6  | 468.3E6  | 63.380   | 68.155     |
| 21)                         | B Endrin ke...  | 7.185  | 7.943  | 258.1E6  | 941.1E6  | 74.521   | 68.002     |
| 22)                         | Mirex           | 7.372  | 8.396  | 68945531 | 625.0E6  | 24.868   | 68.012 #   |
| 23)                         | Chlordane-1     | 4.374f | 0.000  | 7075847  | 0        | 65.603   | N.D. #     |
| 24)                         | Chlordane-2     | 4.850  | 5.653f | 6525404  | 1245.5E6 | 52.935   | 2088.483 # |
| 25)                         | Chlordane-3     | 5.419  | 6.285  | 290.0E6  | 1072.3E6 | 814.180  | 542.968 #  |
| 26)                         | Chlordane-4     | 5.479  | 6.358  | 284.5E6  | 1040.0E6 | 964.537  | 453.408 #  |
| 27)                         | Chlordane-5     | 6.309  | 0.000  | 220.4E6  | 0        | 1799.724 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

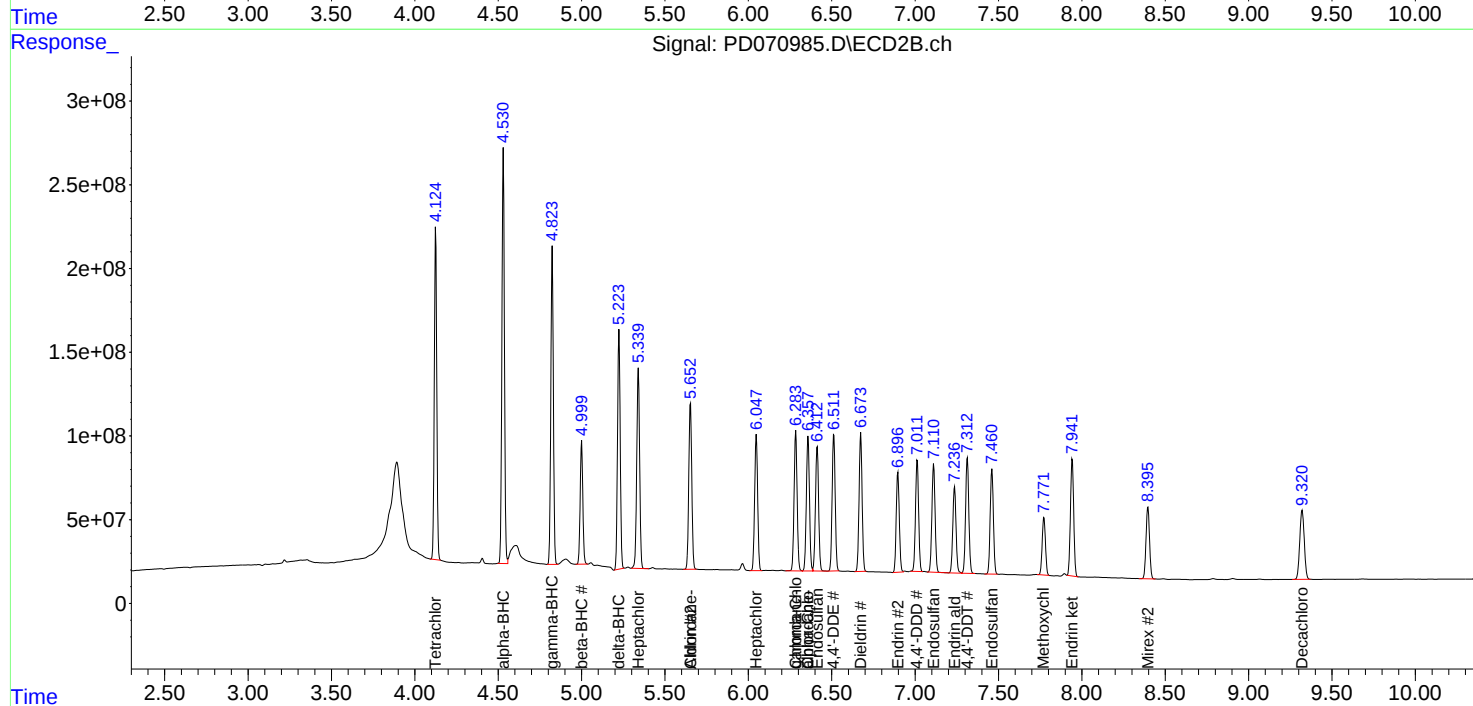
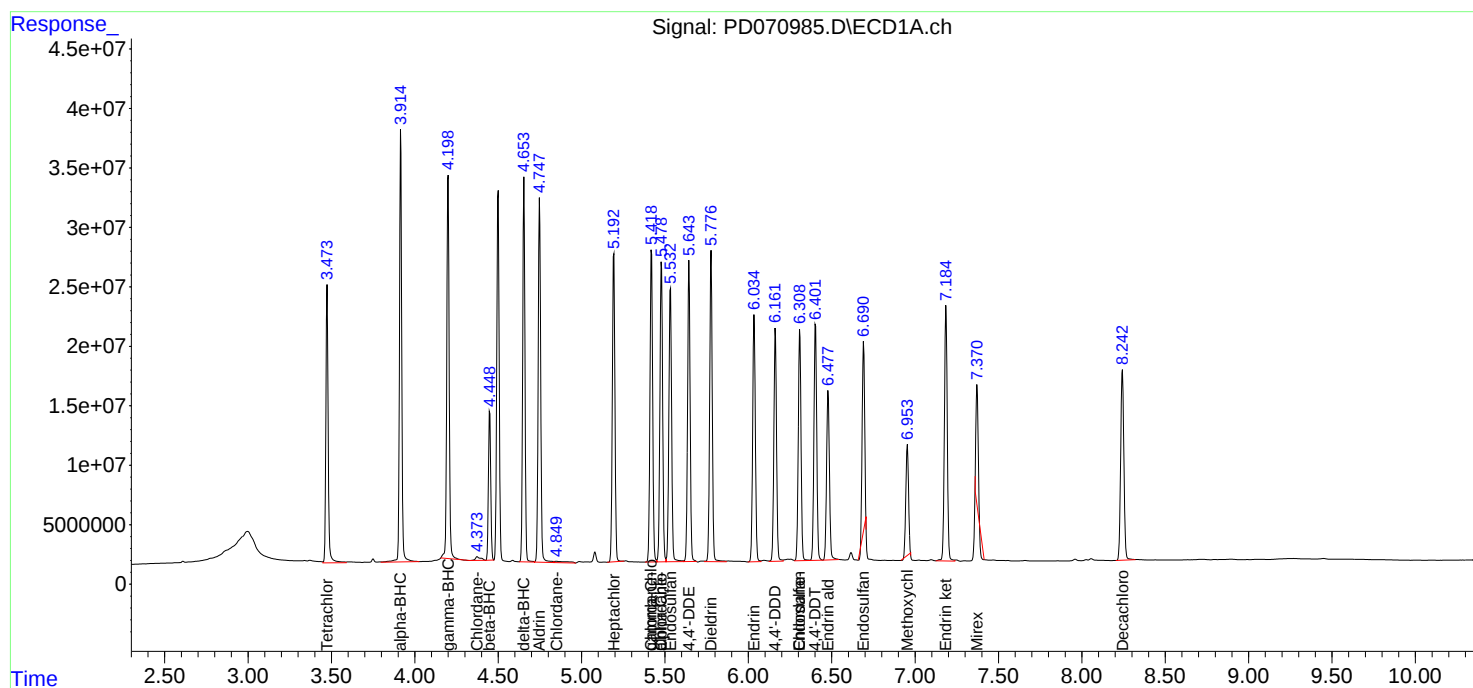
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

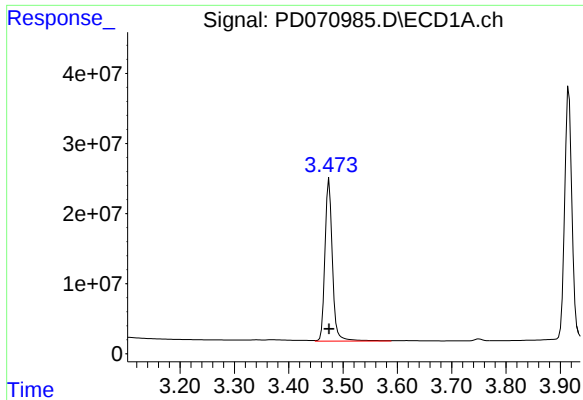
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071922\  
 Data File : PD070985.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jul 2022 20:15  
 Operator : AR\AJ  
 Sample : PSTDICC075  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 01:55:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD071922.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 20 05:30:10 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

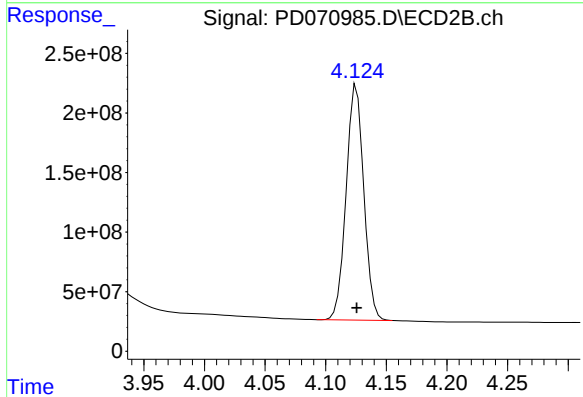




#1 Tetrachloro-m-xylene

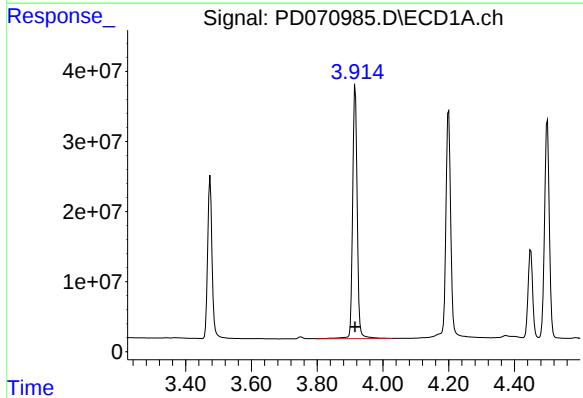
R.T.: 3.474 min  
Delta R.T.: 0.000 min  
Response: 221471836  
Conc: 76.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



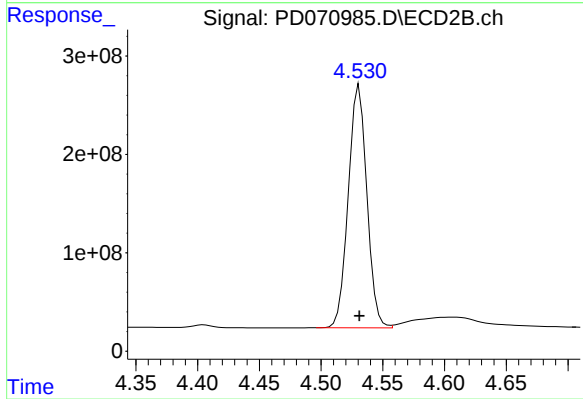
#1 Tetrachloro-m-xylene

R.T.: 4.126 min  
Delta R.T.: 0.000 min  
Response: 1999187909  
Conc: 69.15 ng/ml



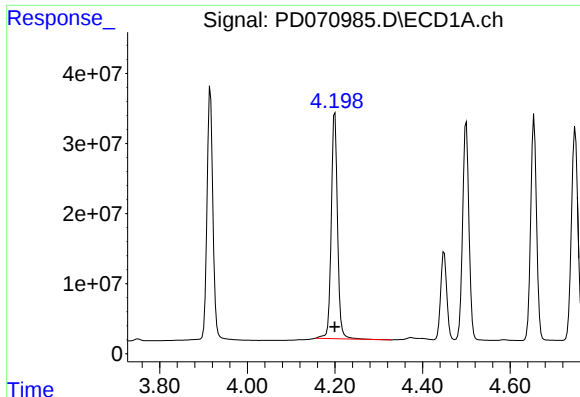
#2 alpha-BHC

R.T.: 3.916 min  
Delta R.T.: 0.000 min  
Response: 347453239  
Conc: 79.20 ng/ml



#2 alpha-BHC

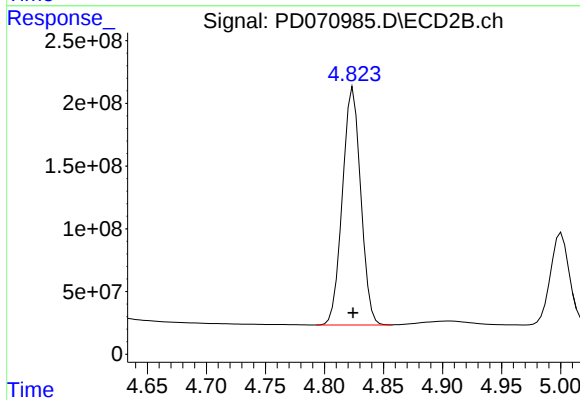
R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 2586267279  
Conc: 68.23 ng/ml



#3 gamma-BHC (Lindane)

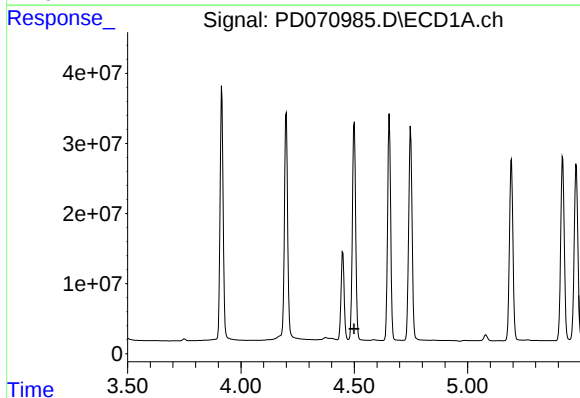
R.T.: 4.200 min  
Delta R.T.: 0.000 min  
Response: 323279932  
Conc: 74.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



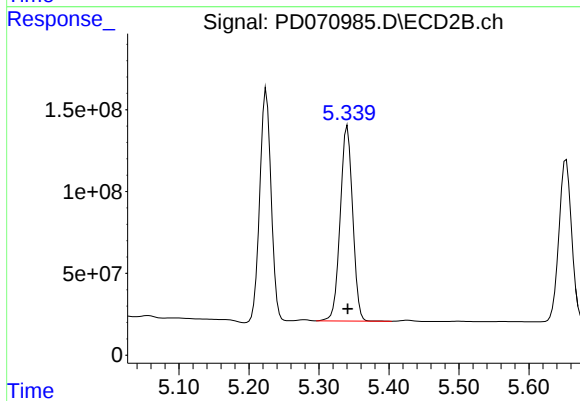
#3 gamma-BHC (Lindane)

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 2048024881  
Conc: 68.57 ng/ml



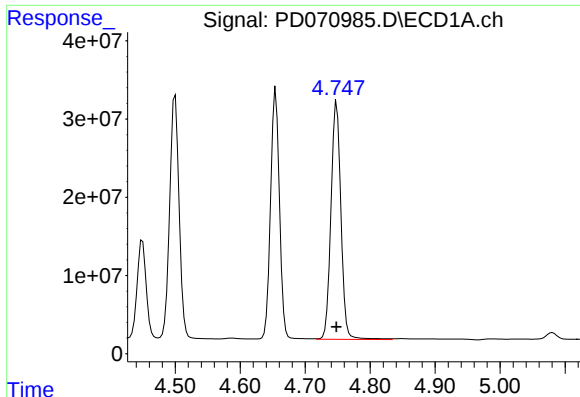
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.500 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

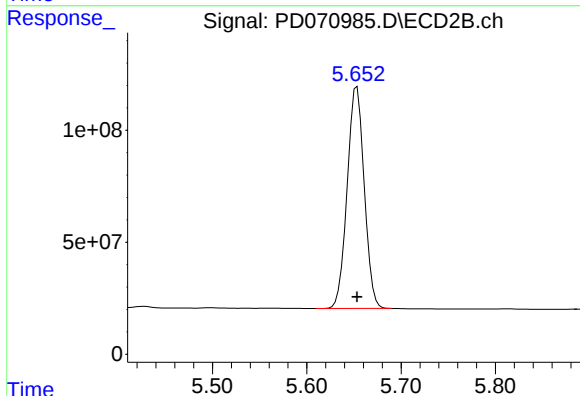
R.T.: 5.341 min  
Delta R.T.: 0.000 min  
Response: 1471659033  
Conc: 66.62 ng/ml



#5 Aldrin

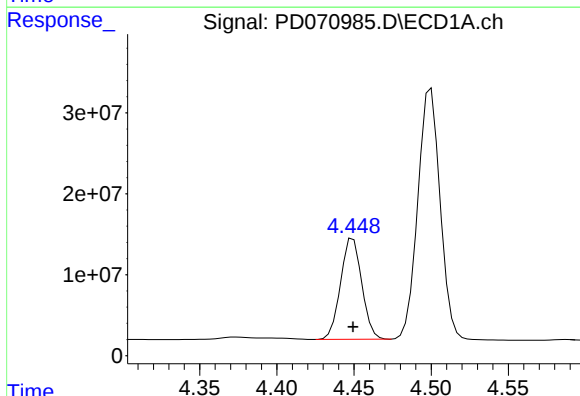
R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 322026680  
Conc: 77.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



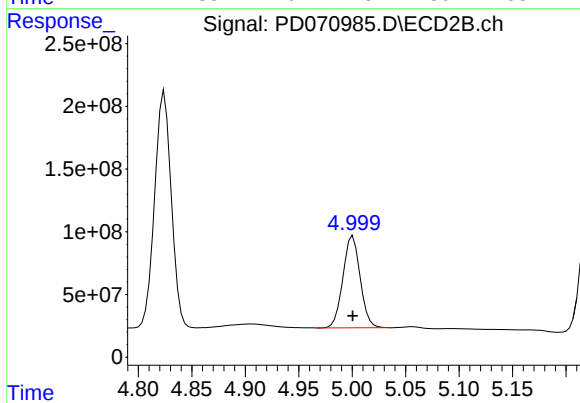
#5 Aldrin

R.T.: 5.653 min  
Delta R.T.: 0.000 min  
Response: 1245525031  
Conc: 67.28 ng/ml



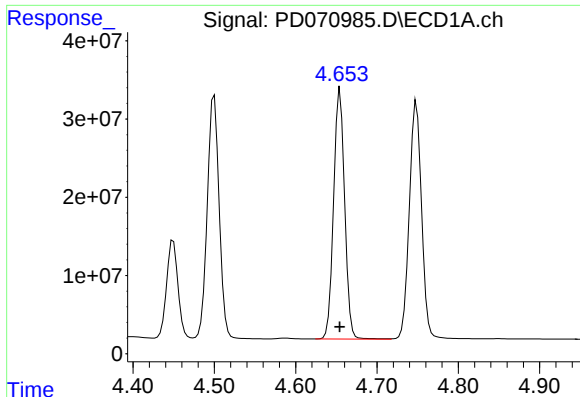
#6 beta-BHC

R.T.: 4.449 min  
Delta R.T.: 0.000 min  
Response: 119560624  
Conc: 71.53 ng/ml



#6 beta-BHC

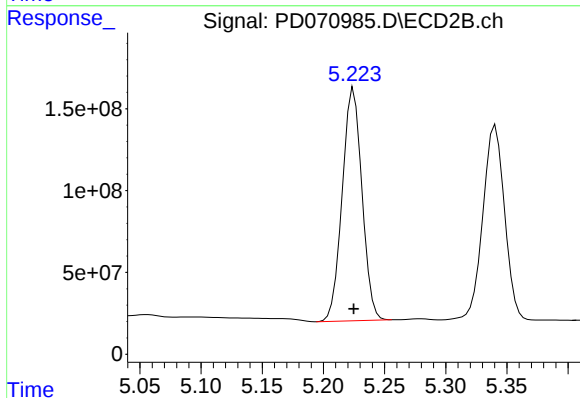
R.T.: 5.001 min  
Delta R.T.: 0.000 min  
Response: 823137960  
Conc: 61.37 ng/ml



#7 delta-BHC

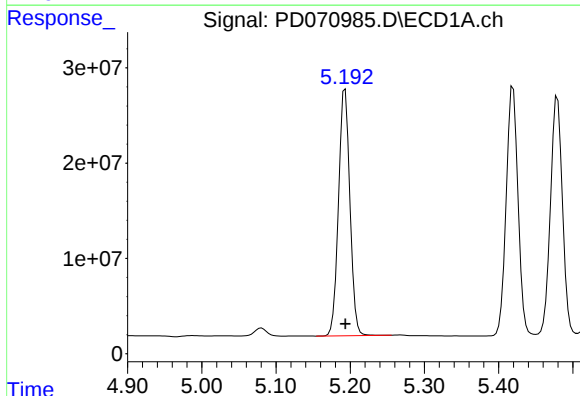
R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 302989264  
Conc: 76.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



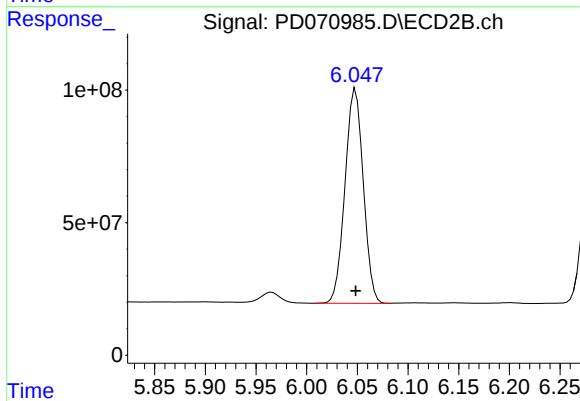
#7 delta-BHC

R.T.: 5.225 min  
Delta R.T.: 0.000 min  
Response: 1592938032  
Conc: 67.37 ng/ml



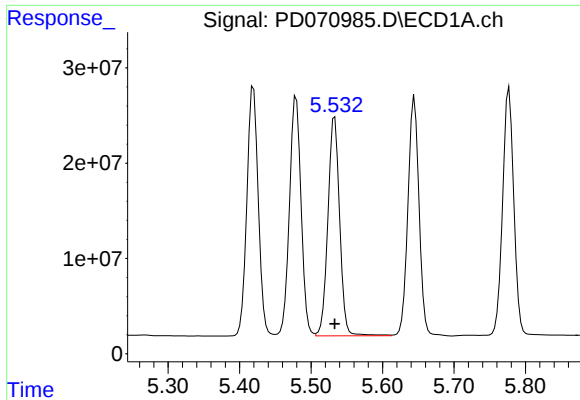
#8 Heptachlor epoxide

R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 277353740  
Conc: 74.04 ng/ml



#8 Heptachlor epoxide

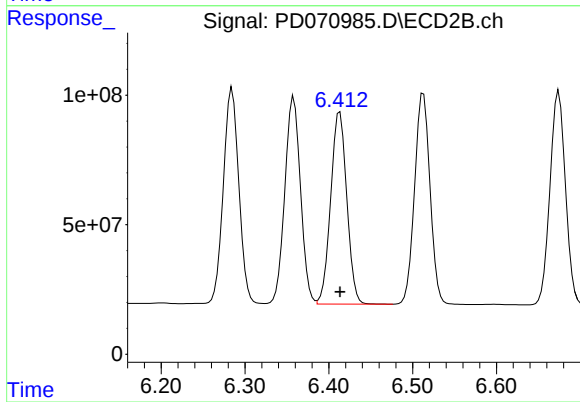
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 1016366057  
Conc: 67.22 ng/ml



#9 Endosulfan I

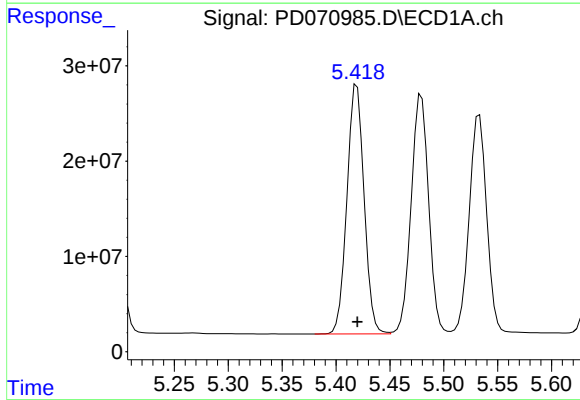
R.T.: 5.533 min  
Delta R.T.: 0.000 min  
Response: 263150863  
Conc: 75.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



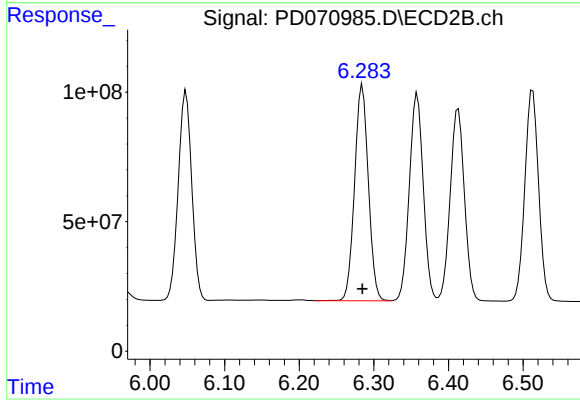
#9 Endosulfan I

R.T.: 6.413 min  
Delta R.T.: 0.000 min  
Response: 988535543  
Conc: 68.10 ng/ml



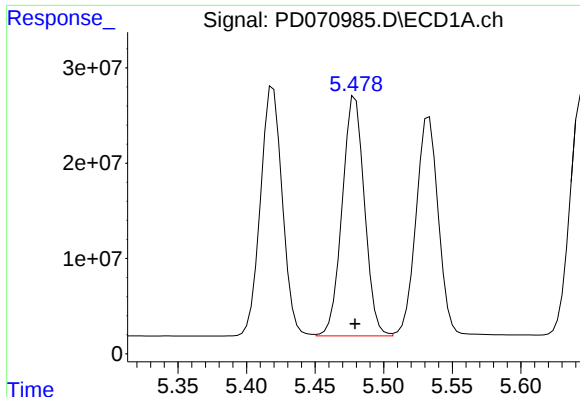
#10 gamma-Chlordane

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 289970348  
Conc: 74.57 ng/ml



#10 gamma-Chlordane

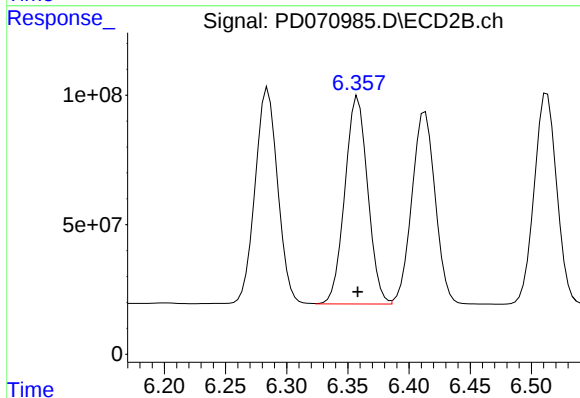
R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 1072264410  
Conc: 67.99 ng/ml



#11 alpha-Chlordane

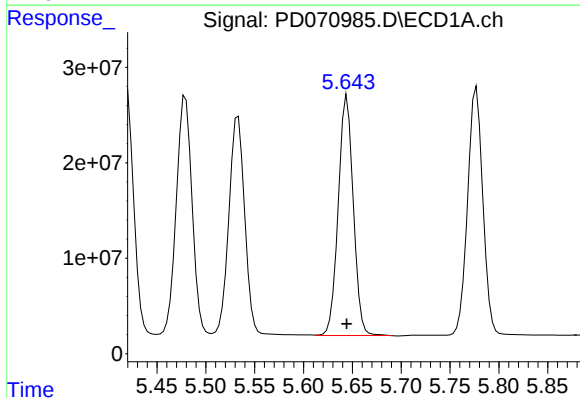
R.T.: 5.479 min  
Delta R.T.: 0.000 min  
Response: 284462580  
Conc: 74.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



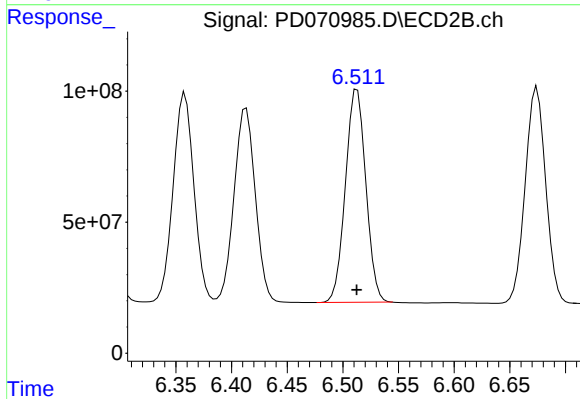
#11 alpha-Chlordane

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 1040001358  
Conc: 67.59 ng/ml



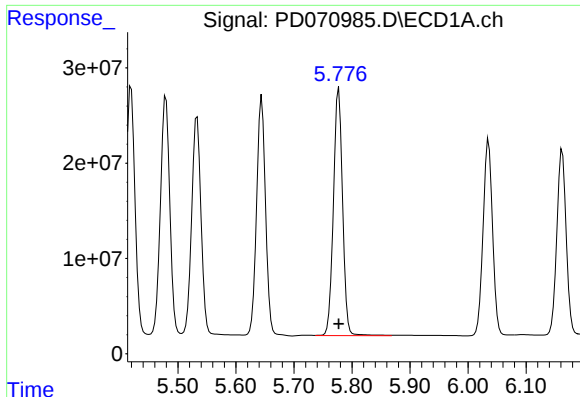
#12 4,4'-DDE

R.T.: 5.645 min  
Delta R.T.: 0.000 min  
Response: 269860398  
Conc: 76.63 ng/ml



#12 4,4'-DDE

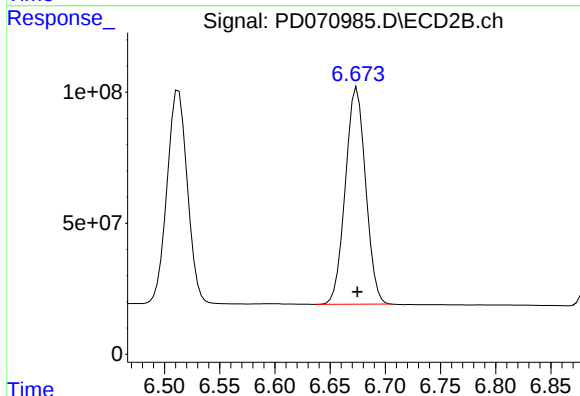
R.T.: 6.513 min  
Delta R.T.: 0.000 min  
Response: 1038068094  
Conc: 69.16 ng/ml



#13 Dieldrin

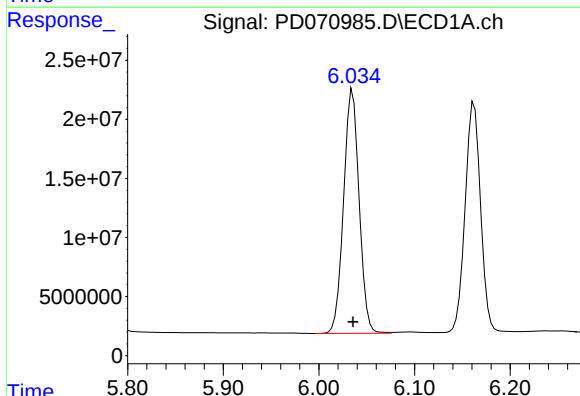
R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 286339431  
Conc: 76.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



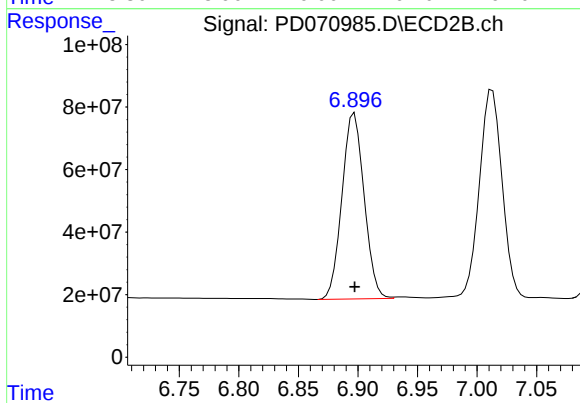
#13 Dieldrin

R.T.: 6.674 min  
Delta R.T.: 0.000 min  
Response: 1057184357  
Conc: 69.19 ng/ml



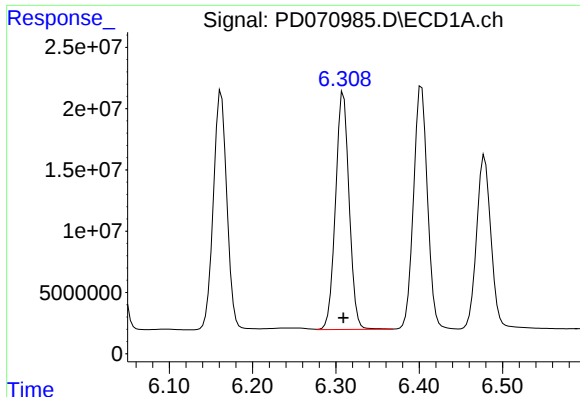
#14 Endrin

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 234236550  
Conc: 75.01 ng/ml



#14 Endrin

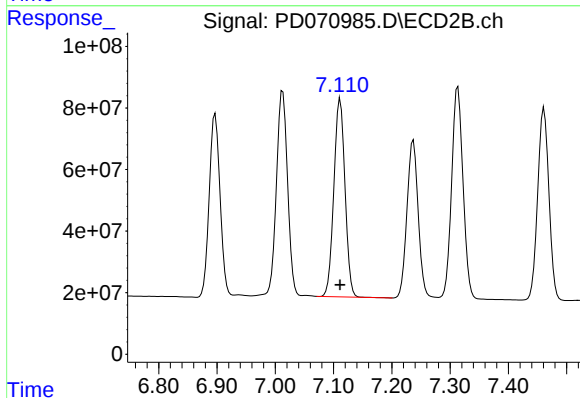
R.T.: 6.897 min  
Delta R.T.: 0.000 min  
Response: 768744912  
Conc: 74.12 ng/ml



#15 Endosulfan II

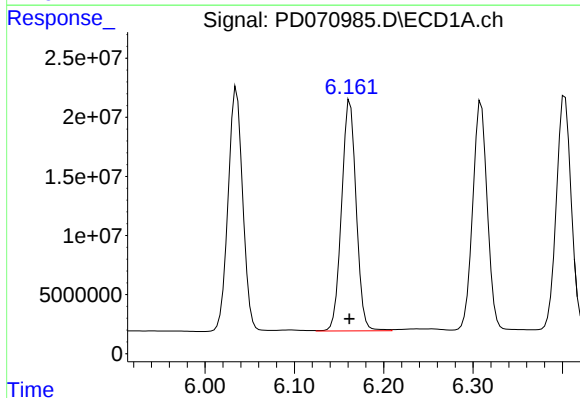
R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 220366900  
Conc: 73.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



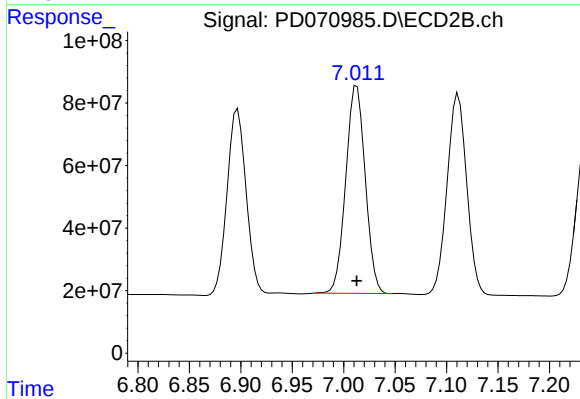
#15 Endosulfan II

R.T.: 7.112 min  
Delta R.T.: 0.000 min  
Response: 854685357  
Conc: 68.28 ng/ml



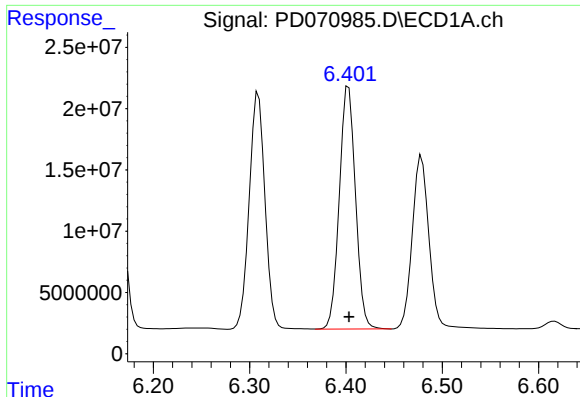
#16 4,4'-DDD

R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 221477458  
Conc: 75.46 ng/ml



#16 4,4'-DDD

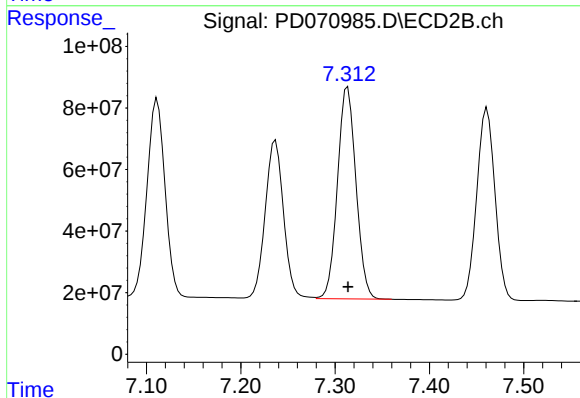
R.T.: 7.013 min  
Delta R.T.: 0.000 min  
Response: 875430495  
Conc: 70.38 ng/ml



#17 4,4'-DDT

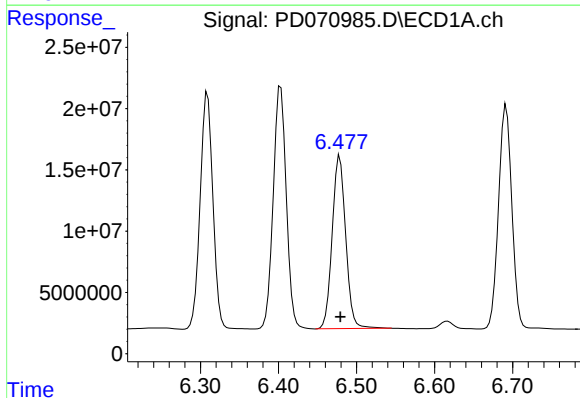
R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 231106948  
Conc: 75.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



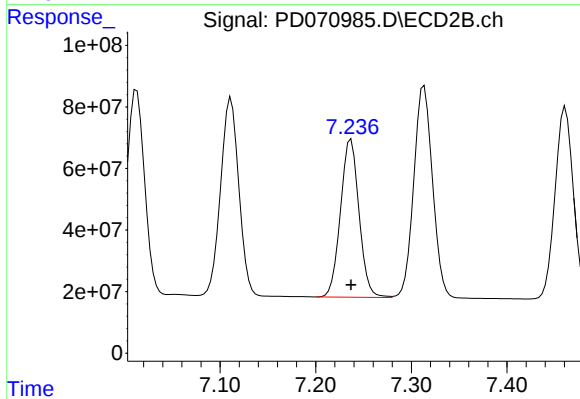
#17 4,4'-DDT

R.T.: 7.313 min  
Delta R.T.: 0.000 min  
Response: 937358636  
Conc: 69.99 ng/ml



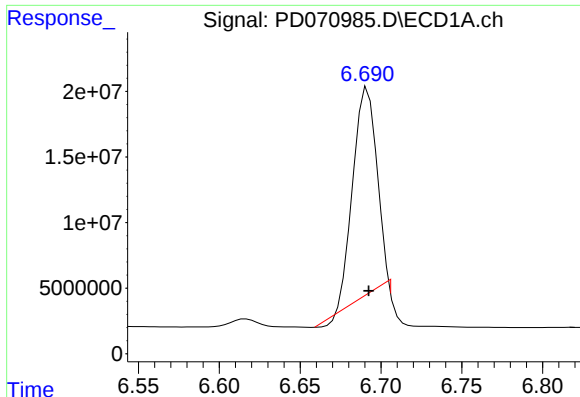
#18 Endrin aldehyde

R.T.: 6.478 min  
Delta R.T.: 0.000 min  
Response: 169860632  
Conc: 70.82 ng/ml



#18 Endrin aldehyde

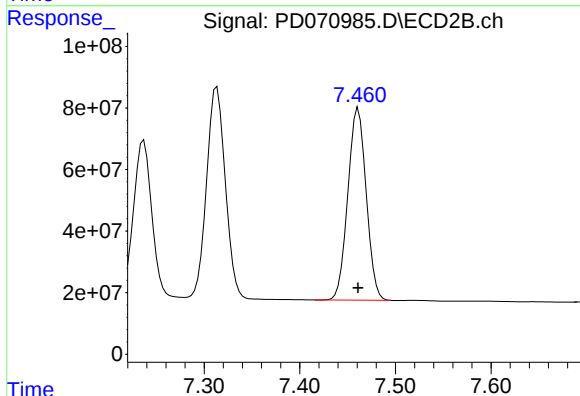
R.T.: 7.237 min  
Delta R.T.: 0.000 min  
Response: 692409441  
Conc: 68.66 ng/ml



#19 Endosulfan Sulfate

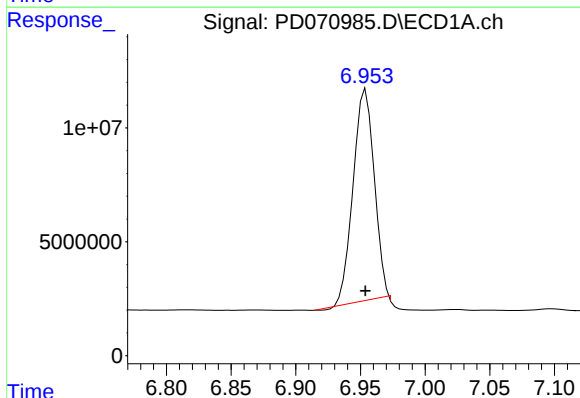
R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 159064482  
Conc: 53.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



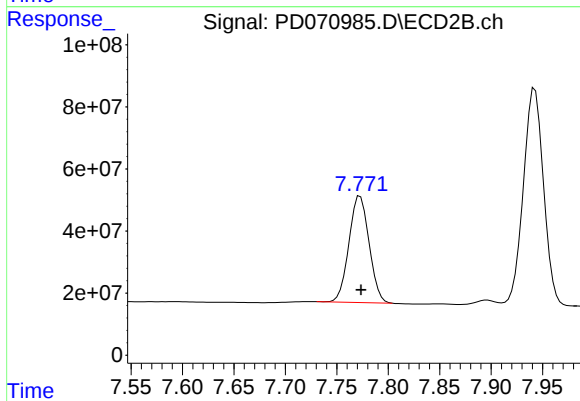
#19 Endosulfan Sulfate

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 835819668  
Conc: 69.17 ng/ml



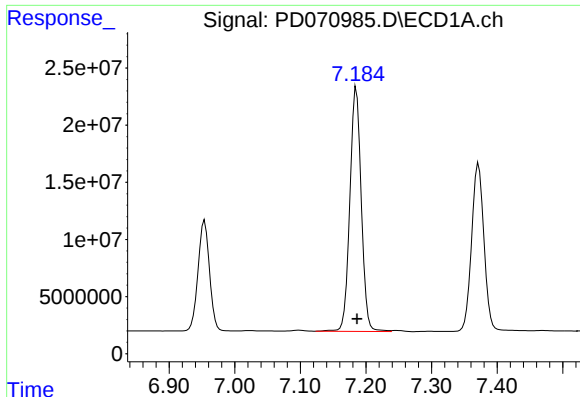
#20 Methoxychlor

R.T.: 6.954 min  
Delta R.T.: 0.000 min  
Response: 104775587  
Conc: 63.38 ng/ml



#20 Methoxychlor

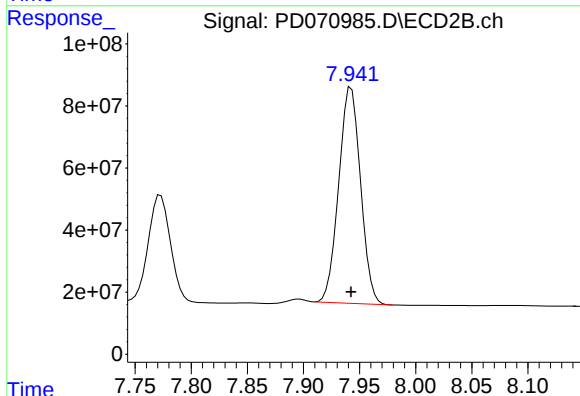
R.T.: 7.773 min  
Delta R.T.: 0.000 min  
Response: 468328451  
Conc: 68.16 ng/ml



#21 Endrin ketone

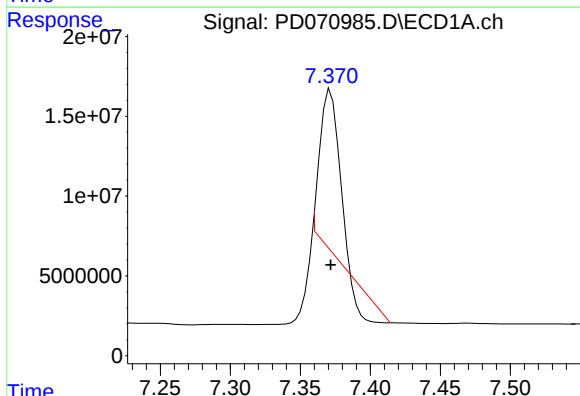
R.T.: 7.185 min  
Delta R.T.: 0.000 min  
Response: 258130352  
Conc: 74.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



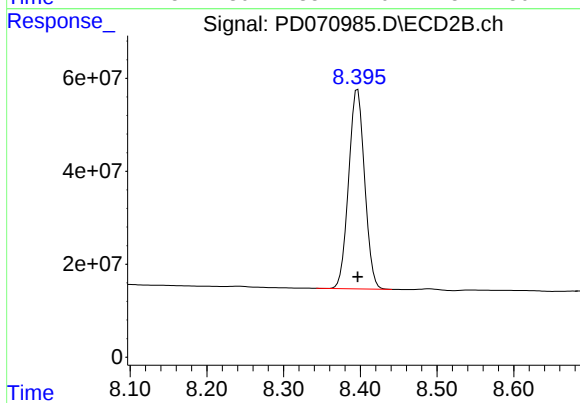
#21 Endrin ketone

R.T.: 7.943 min  
Delta R.T.: 0.000 min  
Response: 941146808  
Conc: 68.00 ng/ml



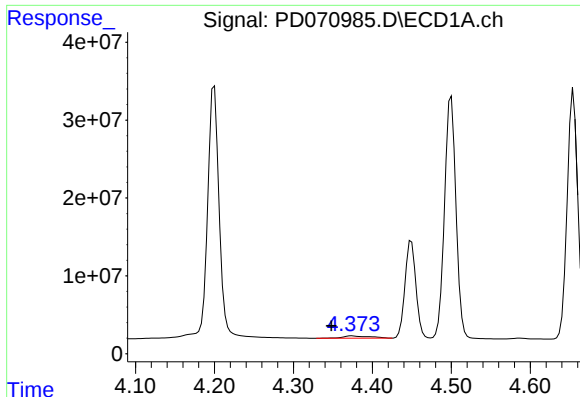
#22 Mirex

R.T.: 7.372 min  
Delta R.T.: 0.000 min  
Response: 68945531  
Conc: 24.87 ng/ml



#22 Mirex

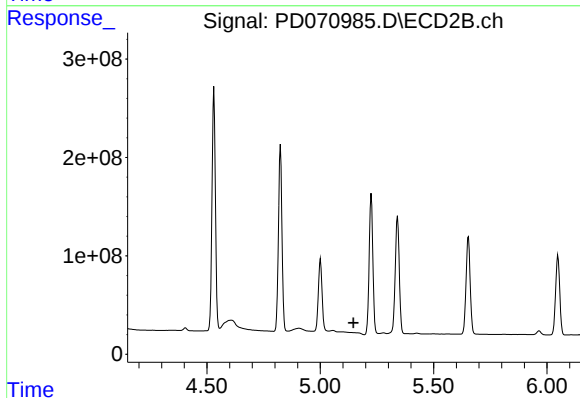
R.T.: 8.396 min  
Delta R.T.: 0.000 min  
Response: 624998202  
Conc: 68.01 ng/ml



#23 Chlordane-1

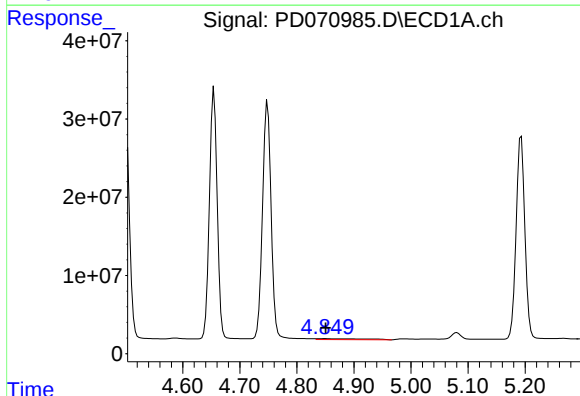
R.T.: 4.374 min  
Delta R.T.: 0.026 min  
Response: 7075847  
Conc: 65.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



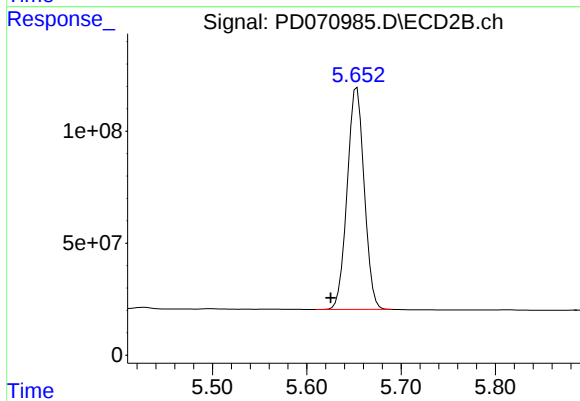
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.147 min  
Response: 0  
Conc: N.D.



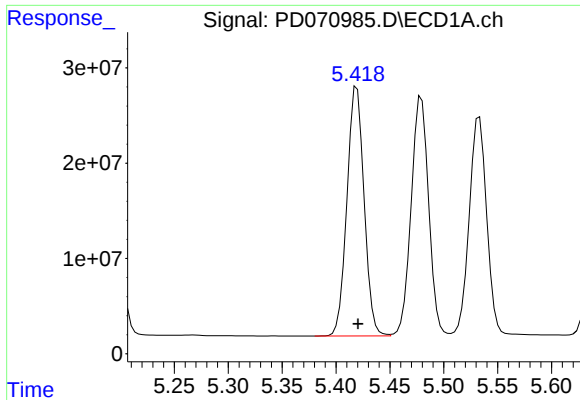
#24 Chlordane-2

R.T.: 4.850 min  
Delta R.T.: -0.001 min  
Response: 6525404  
Conc: 52.94 ng/ml



#24 Chlordane-2

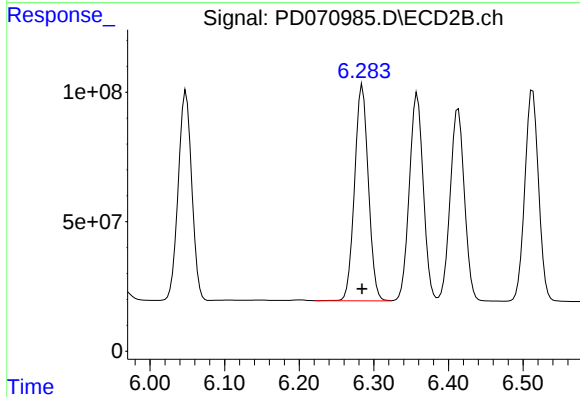
R.T.: 5.653 min  
Delta R.T.: 0.028 min  
Response: 1245525031  
Conc: 2088.48 ng/ml



#25 Chlordane-3

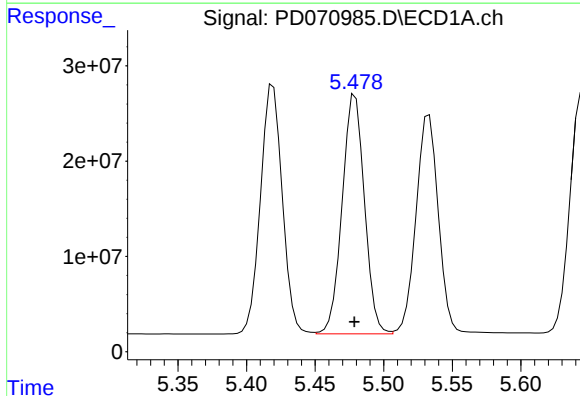
R.T.: 5.419 min  
Delta R.T.: -0.001 min  
Response: 289970348  
Conc: 814.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



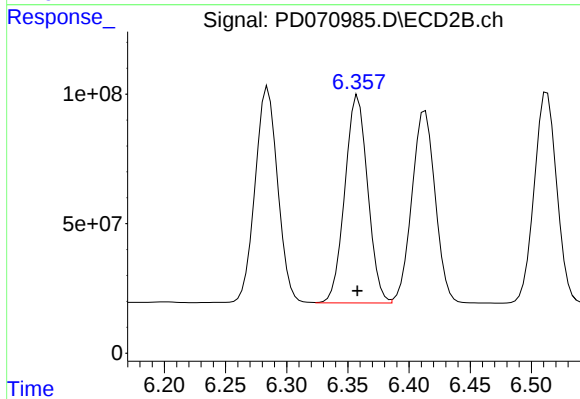
#25 Chlordane-3

R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 1072264410  
Conc: 542.97 ng/ml



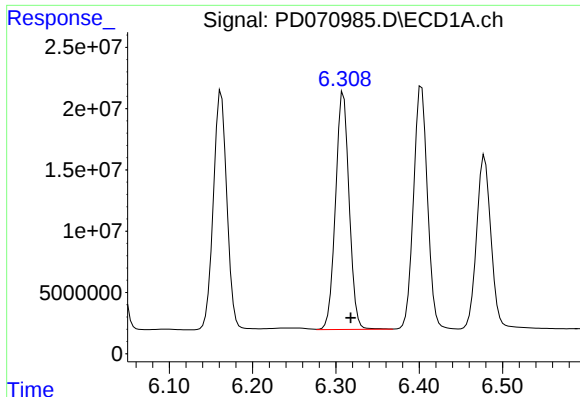
#26 Chlordane-4

R.T.: 5.479 min  
Delta R.T.: 0.000 min  
Response: 284462580  
Conc: 964.54 ng/ml



#26 Chlordane-4

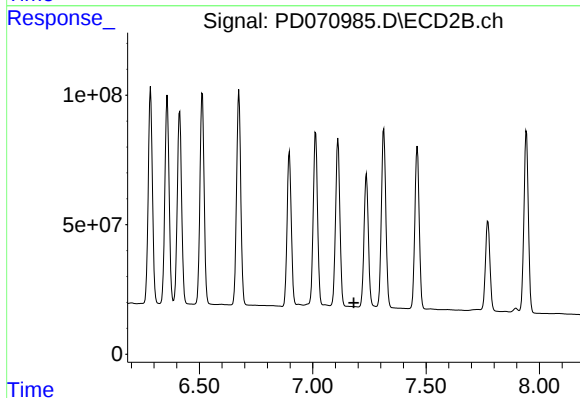
R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 1040001358  
Conc: 453.41 ng/ml



#27 Chlordane-5

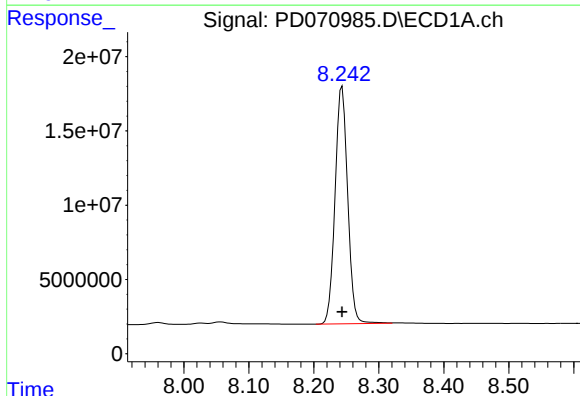
R.T.: 6.309 min  
Delta R.T.: -0.009 min  
Response: 220366900  
Conc: 1799.72 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



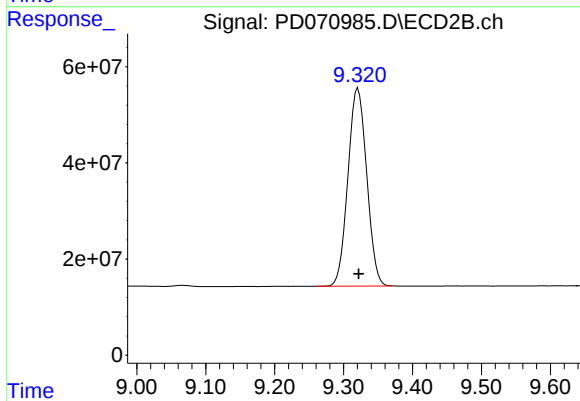
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.181 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.243 min  
Delta R.T.: 0.000 min  
Response: 214921053  
Conc: 70.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.321 min  
Delta R.T.: -0.001 min  
Response: 779543888  
Conc: 68.35 ng/ml