

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080822\  
 Data File : PD071405.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2022 14:44  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 00:08:09 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  | 128.5E6  | 1424.8E6 | 45.294   | 50.616     |
| 2)                          | SA Decachlor... | 8.016 | 9.104  | 115.0E6  | 483.3E6  | 41.457   | 46.684     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.325 | 4.040  | 188.9E6  | 1789.7E6 | 45.048   | 48.210     |
| 3)                          | MA gamma-BHC... | 3.659 | 4.376  | 176.9E6  | 1411.0E6 | 44.235   | 47.125     |
| 4)                          | MA Heptachlor   | 4.006 | 4.954  | 186.6E6  | 1038.8E6 | 43.989   | 49.133     |
| 5)                          | MB Aldrin       | 4.290 | 5.297  | 180.4E6  | 843.4E6  | 44.246   | 47.756     |
| 6)                          | B beta-BHC      | 3.957 | 4.582  | 73549173 | 564.2E6  | 43.053   | 47.632     |
| 7)                          | B delta-BHC     | 4.191 | 4.830  | 177.6E6  | 1053.7E6 | 45.252   | 52.949     |
| 8)                          | B Heptachlo...  | 4.798 | 5.728  | 161.0E6  | 704.9E6  | 43.977   | 53.937     |
| 9)                          | A Endosulfan I  | 5.172 | 6.116  | 151.1E6  | 656.7E6  | 44.103   | 47.762     |
| 10)                         | B gamma-Chl...  | 5.050 | 5.983  | 165.9E6  | 711.9E6  | 43.649   | 48.475     |
| 11)                         | B alpha-Chl...  | 5.115 | 6.060  | 163.2E6  | 692.3E6  | 43.921   | 47.740     |
| 12)                         | B 4,4'-DDE      | 5.306 | 6.232  | 151.2E6  | 682.9E6  | 44.181   | 47.771     |
| 13)                         | MA Dieldrin     | 5.439 | 6.393  | 158.8E6  | 696.2E6  | 43.836   | 47.380     |
| 14)                         | MA Endrin       | 5.716 | 6.626  | 137.6E6  | 602.5E6  | 43.463   | 48.166     |
| 15)                         | B Endosulfa...  | 6.012 | 6.852  | 122.9E6  | 561.0E6  | 40.892   | 45.249     |
| 16)                         | A 4,4'-DDD      | 5.865 | 6.757  | 121.0E6  | 575.5E6  | 42.448   | 48.386     |
| 17)                         | MA 4,4'-DDT     | 6.119 | 7.068  | 126.7E6  | 585.0E6  | 42.928   | 44.855     |
| 18)                         | B Endrin al...  | 6.193 | 6.983  | 97612528 | 435.7E6  | 44.275   | 44.970     |
| 19)                         | B Endosulfa...  | 6.417 | 7.215  | 128.1E6  | 538.3E6  | 44.528   | 45.135     |
| 20)                         | A Methoxychlor  | 6.699 | 7.544  | 71601127 | 306.9E6  | 43.407   | 44.521     |
| 21)                         | B Endrin ke...  | 6.928 | 7.707  | 141.5E6  | 593.4E6  | 43.446   | 44.199     |
| 22)                         | Mirex           | 7.115 | 8.169  | 105.2E6  | 397.3E6  | 42.980   | 46.183     |
| 24)                         | Chlordane-2     | 0.000 | 5.297f | 0        | 843.4E6  | N.D.     | 1407.951 # |
| 25)                         | Chlordane-3     | 5.050 | 5.983  | 165.9E6  | 711.9E6  | 485.726  | 383.978    |
| 26)                         | Chlordane-4     | 5.115 | 6.060  | 163.2E6  | 692.3E6  | 514.404  | 317.608 #  |
| 27)                         | Chlordane-5     | 6.012 | 0.000  | 122.9E6  | 0        | 1016.387 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

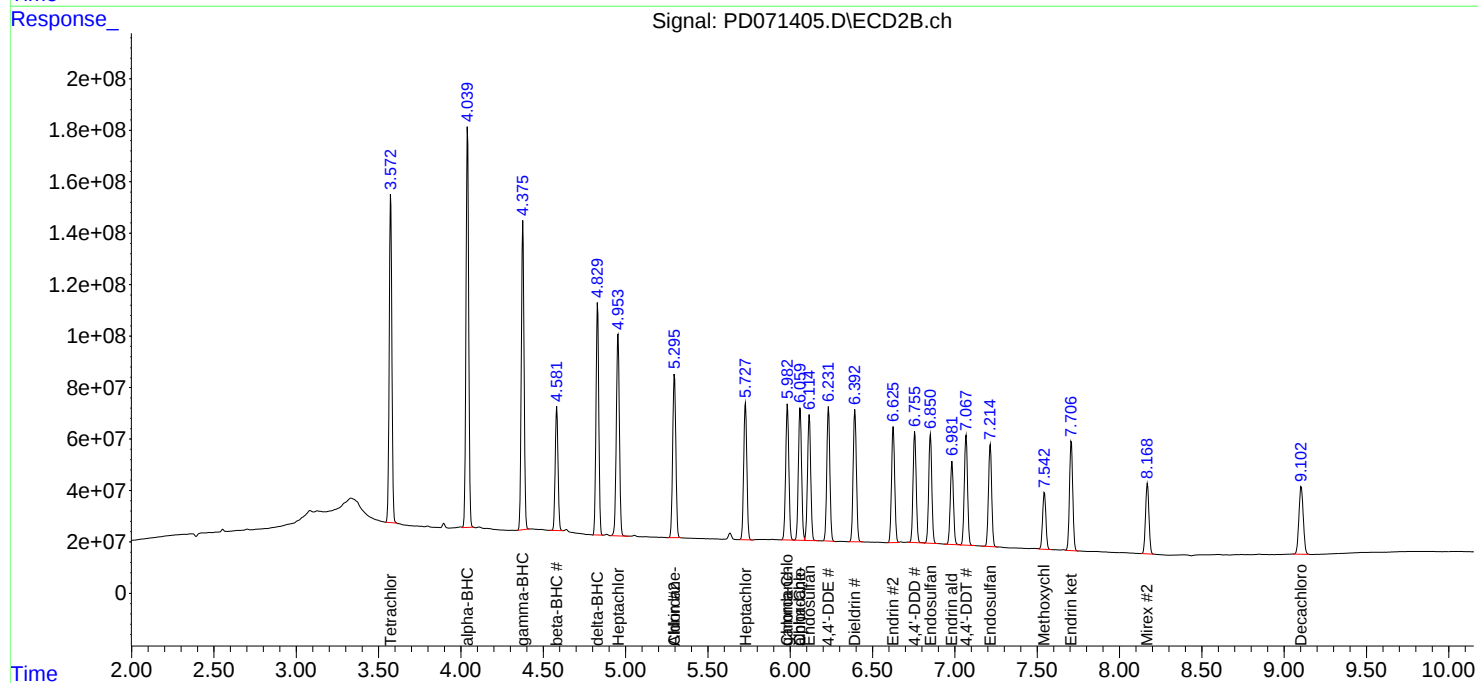
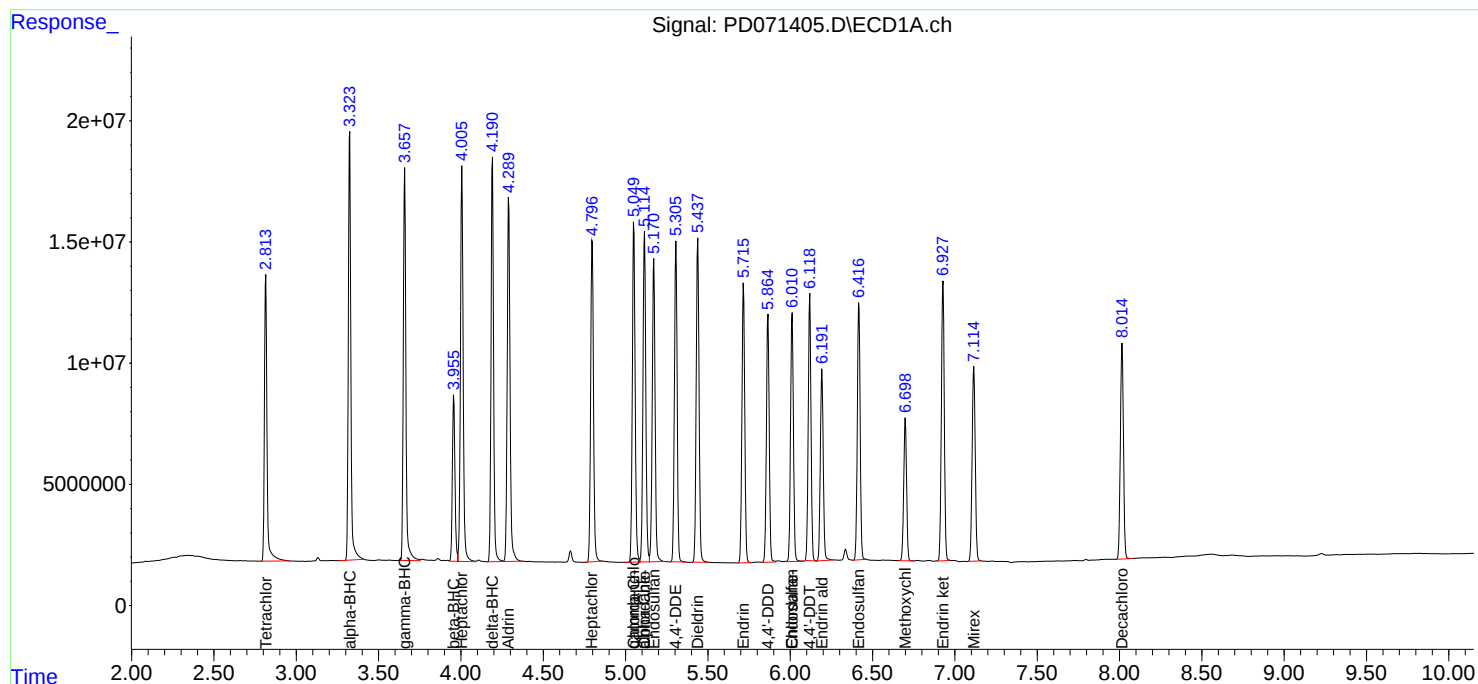
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

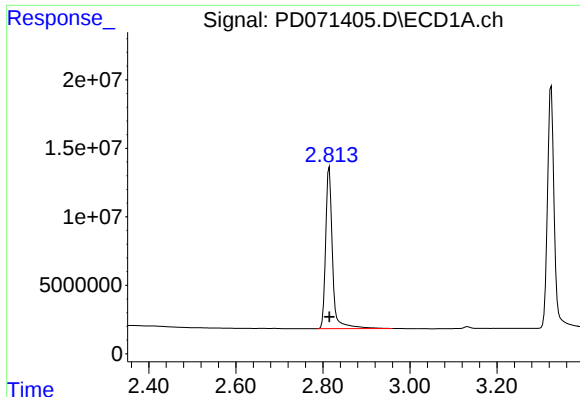
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD080822\  
Data File : PD071405.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2022 14:44  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 00:08:09 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

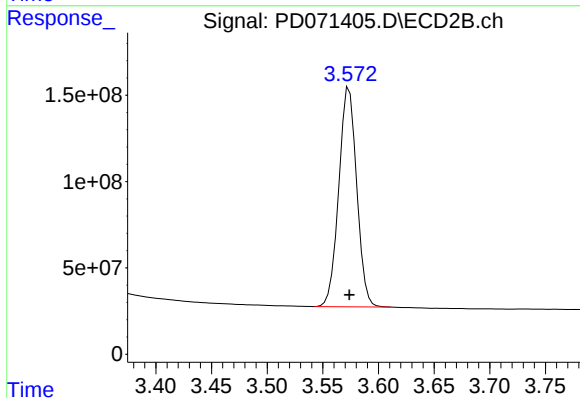




#1 Tetrachloro-m-xylene

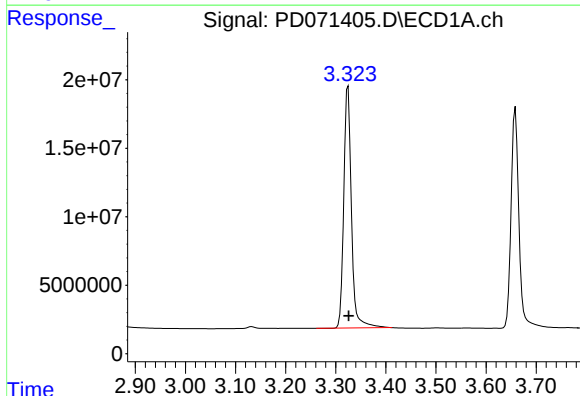
R.T.: 2.815 min  
Delta R.T.: 0.000 min  
Response: 128453169  
Conc: 45.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



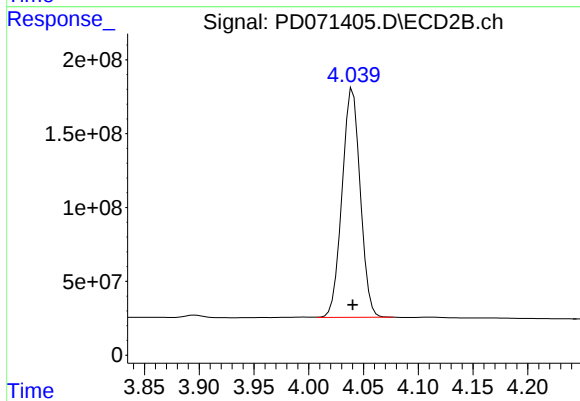
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 1424832305  
Conc: 50.62 ng/ml



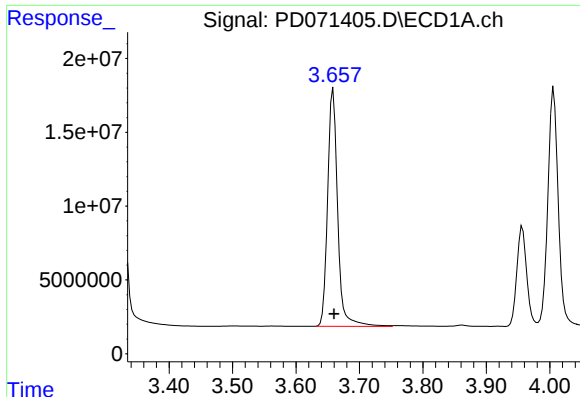
#2 alpha-BHC

R.T.: 3.325 min  
Delta R.T.: -0.001 min  
Response: 188905435  
Conc: 45.05 ng/ml



#2 alpha-BHC

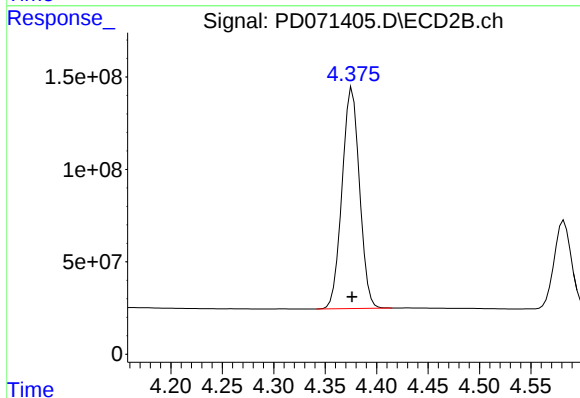
R.T.: 4.040 min  
Delta R.T.: 0.000 min  
Response: 1789719691  
Conc: 48.21 ng/ml



#3 gamma-BHC (Lindane)

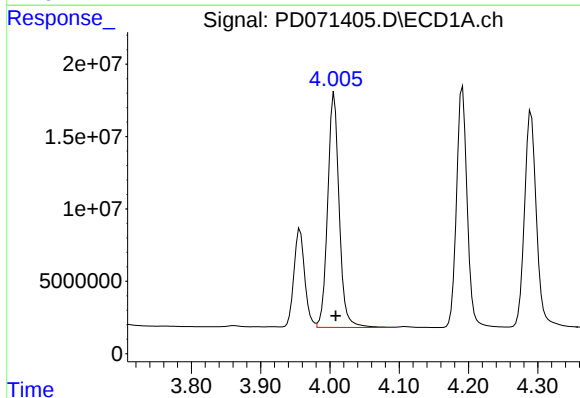
R.T.: 3.659 min  
Delta R.T.: -0.001 min  
Response: 176945458  
Conc: 44.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



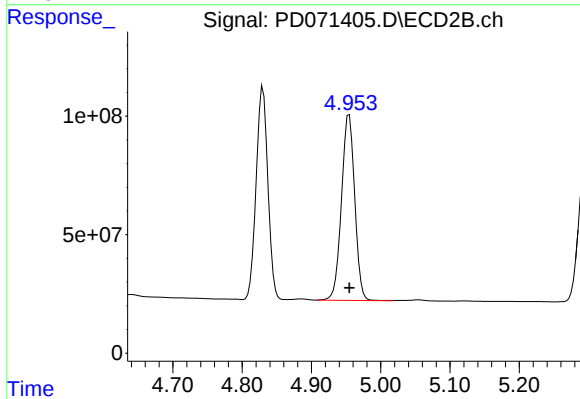
#3 gamma-BHC (Lindane)

R.T.: 4.376 min  
Delta R.T.: 0.000 min  
Response: 1411039114  
Conc: 47.12 ng/ml



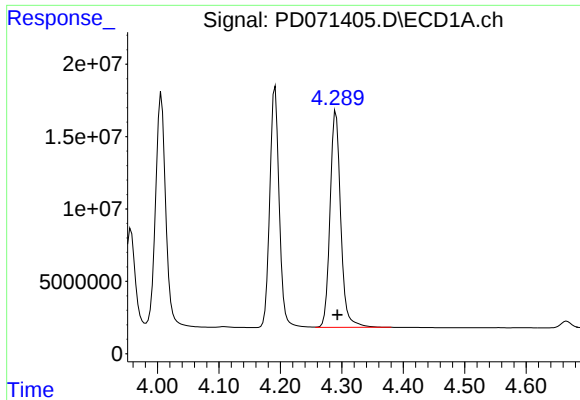
#4 Heptachlor

R.T.: 4.006 min  
Delta R.T.: -0.002 min  
Response: 186582329  
Conc: 43.99 ng/ml



#4 Heptachlor

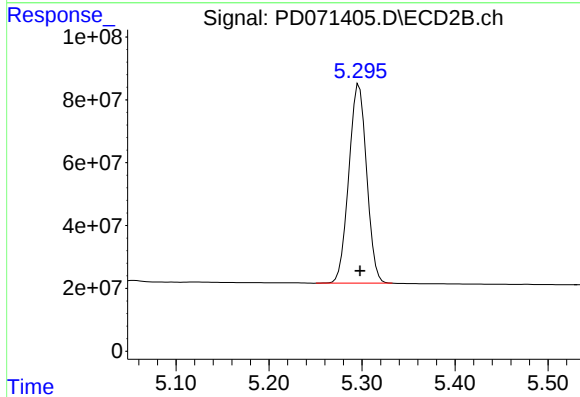
R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 1038847325  
Conc: 49.13 ng/ml



#5 Aldrin

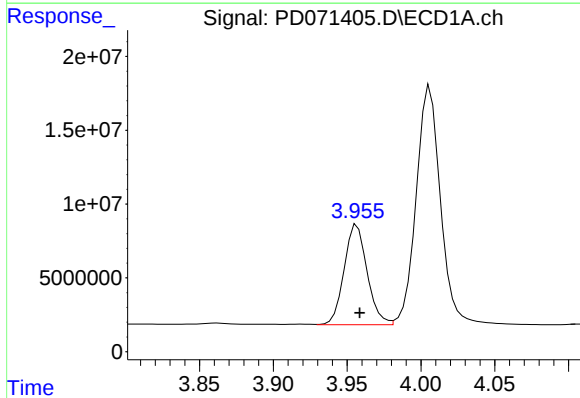
R.T.: 4.290 min  
Delta R.T.: -0.002 min  
Response: 180442992  
Conc: 44.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



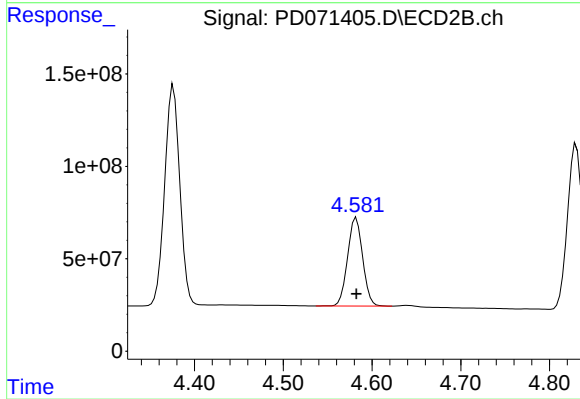
#5 Aldrin

R.T.: 5.297 min  
Delta R.T.: 0.000 min  
Response: 843372401  
Conc: 47.76 ng/ml



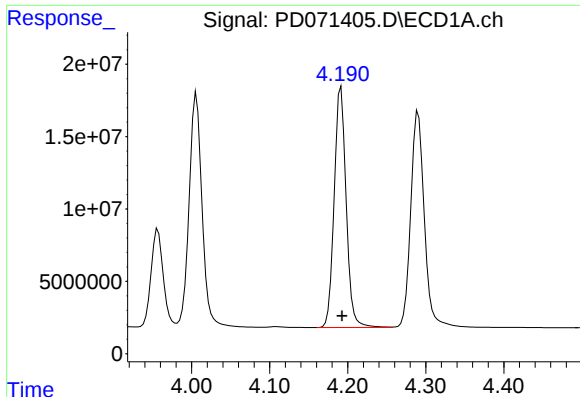
#6 beta-BHC

R.T.: 3.957 min  
Delta R.T.: -0.002 min  
Response: 73549173  
Conc: 43.05 ng/ml



#6 beta-BHC

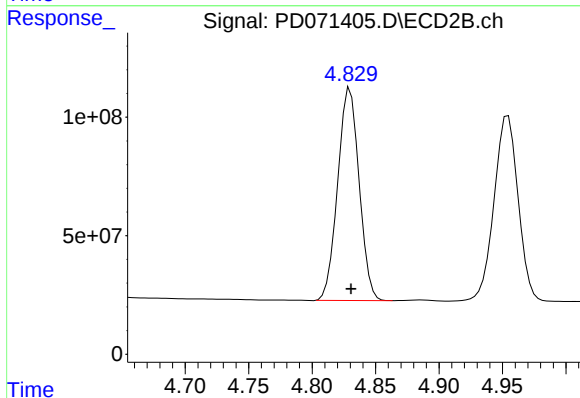
R.T.: 4.582 min  
Delta R.T.: 0.000 min  
Response: 564178520  
Conc: 47.63 ng/ml



#7 delta-BHC

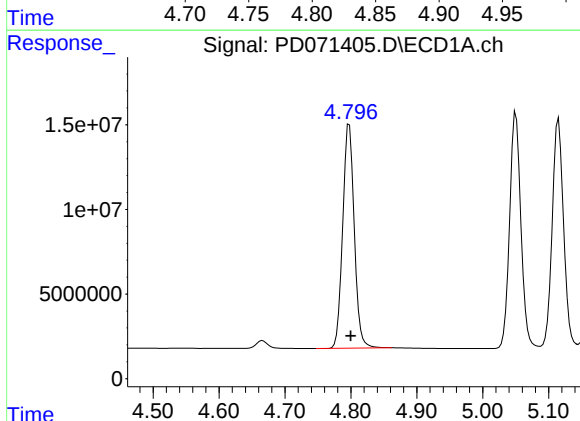
R.T.: 4.191 min  
Delta R.T.: -0.001 min  
Response: 177612798  
Conc: 45.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



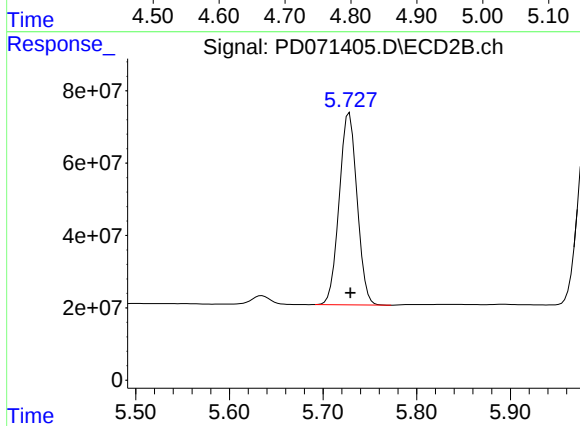
#7 delta-BHC

R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 1053721950  
Conc: 52.95 ng/ml



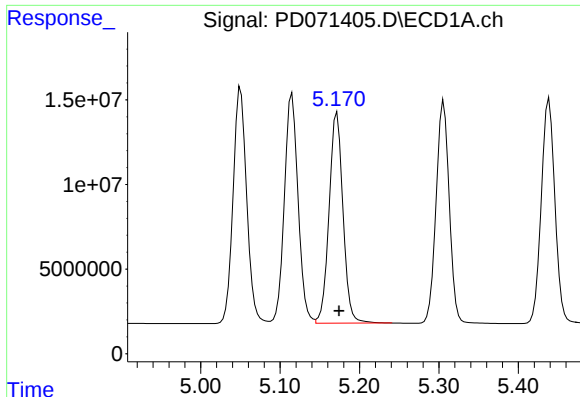
#8 Heptachlor epoxide

R.T.: 4.798 min  
Delta R.T.: -0.002 min  
Response: 161048394  
Conc: 43.98 ng/ml



#8 Heptachlor epoxide

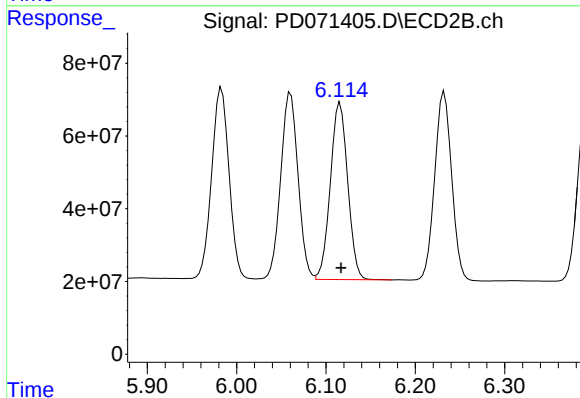
R.T.: 5.728 min  
Delta R.T.: -0.001 min  
Response: 704882260  
Conc: 53.94 ng/ml



#9 Endosulfan I

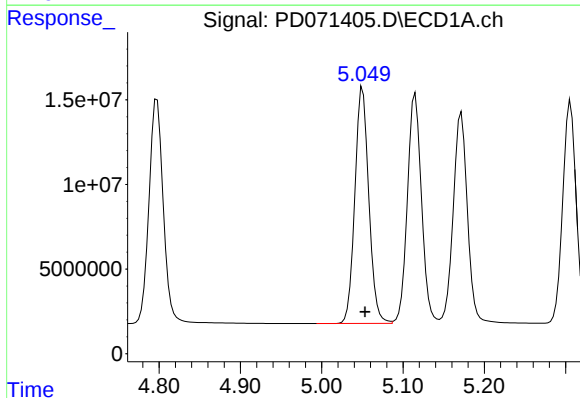
R.T.: 5.172 min  
Delta R.T.: -0.003 min  
Response: 151062945  
Conc: 44.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



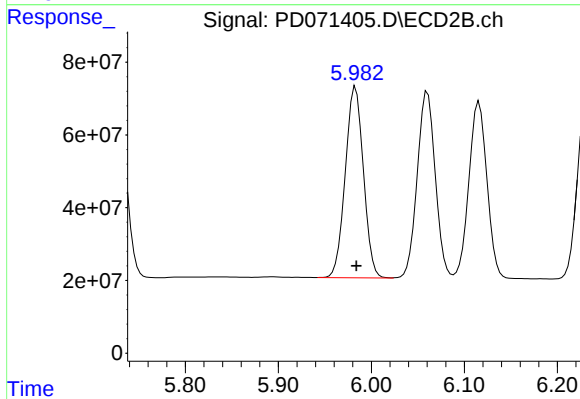
#9 Endosulfan I

R.T.: 6.116 min  
Delta R.T.: -0.001 min  
Response: 656685664  
Conc: 47.76 ng/ml



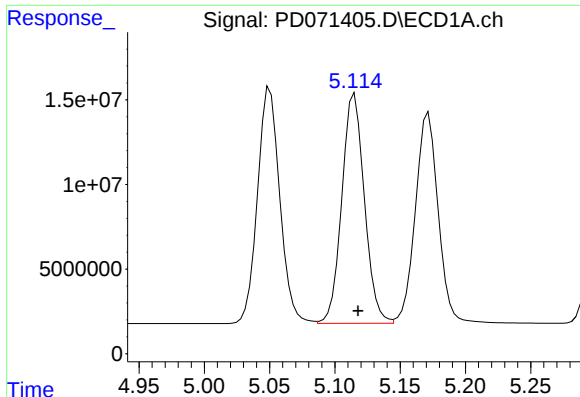
#10 gamma-Chlordane

R.T.: 5.050 min  
Delta R.T.: -0.003 min  
Response: 165854396  
Conc: 43.65 ng/ml



#10 gamma-Chlordane

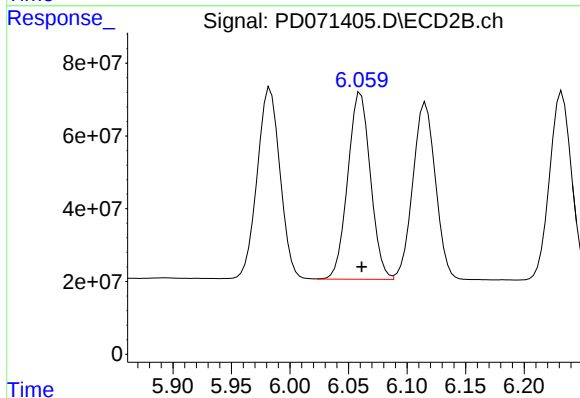
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 711866495  
Conc: 48.47 ng/ml



#11 alpha-Chlordane

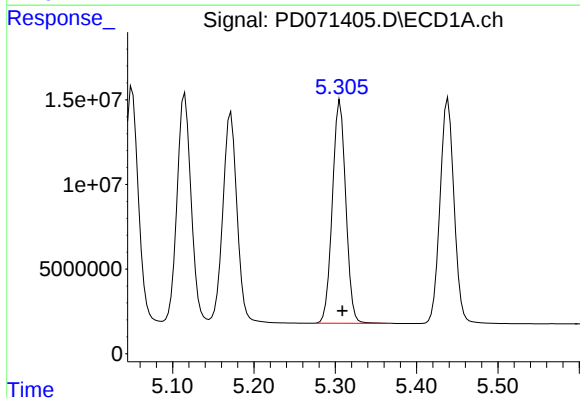
R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 163197022  
Conc: 43.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



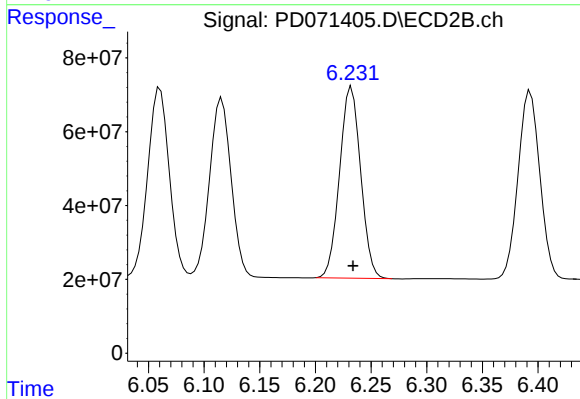
#11 alpha-Chlordane

R.T.: 6.060 min  
Delta R.T.: 0.000 min  
Response: 692265737  
Conc: 47.74 ng/ml



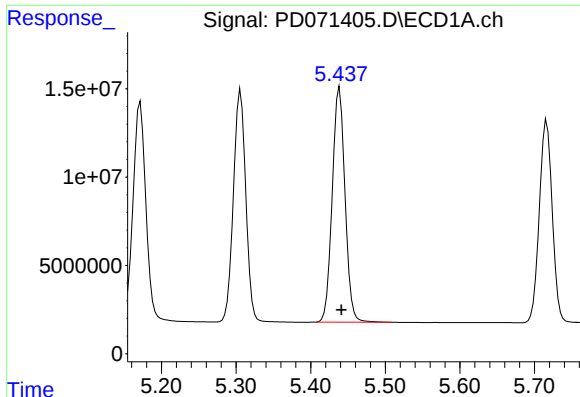
#12 4,4'-DDE

R.T.: 5.306 min  
Delta R.T.: -0.003 min  
Response: 151212448  
Conc: 44.18 ng/ml



#12 4,4'-DDE

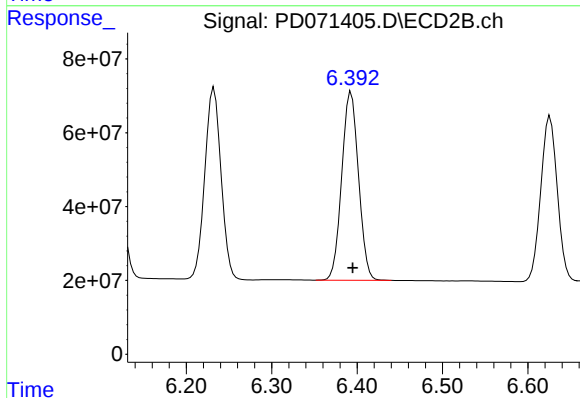
R.T.: 6.232 min  
Delta R.T.: -0.001 min  
Response: 682879260  
Conc: 47.77 ng/ml



#13 Dieldrin

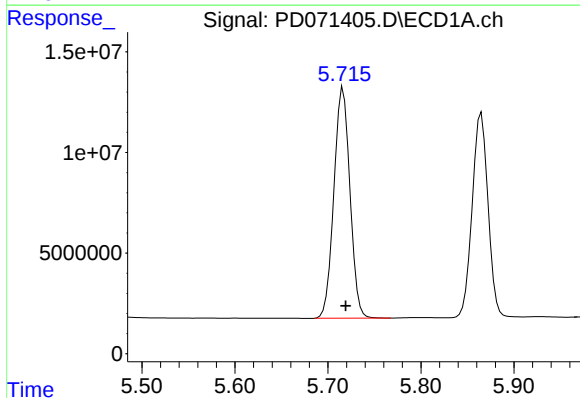
R.T.: 5.439 min  
Delta R.T.: -0.002 min  
Response: 158768346  
Conc: 43.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



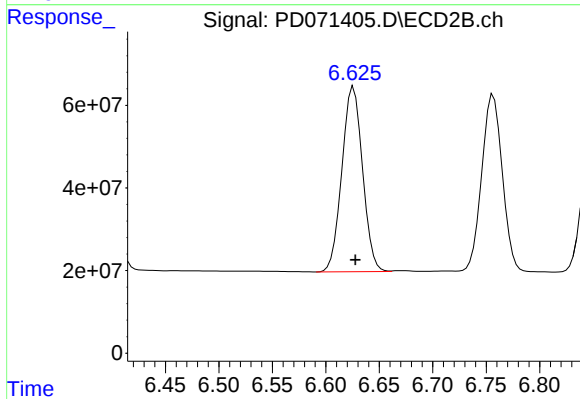
#13 Dieldrin

R.T.: 6.393 min  
Delta R.T.: -0.002 min  
Response: 696239644  
Conc: 47.38 ng/ml



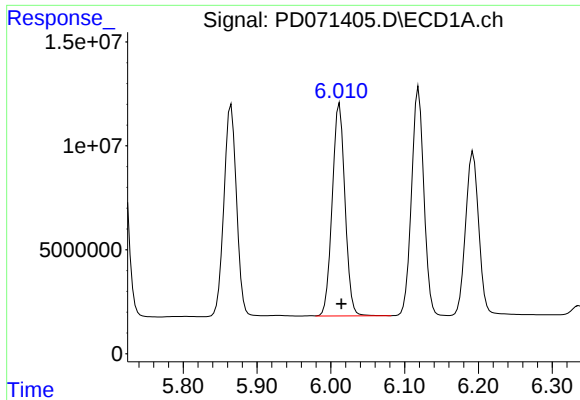
#14 Endrin

R.T.: 5.716 min  
Delta R.T.: -0.003 min  
Response: 137610707  
Conc: 43.46 ng/ml



#14 Endrin

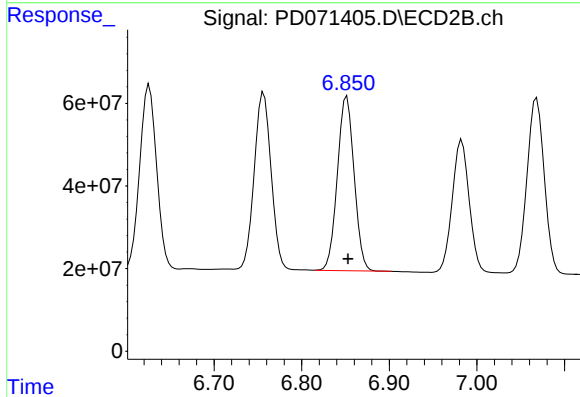
R.T.: 6.626 min  
Delta R.T.: -0.002 min  
Response: 602496877  
Conc: 48.17 ng/ml



#15 Endosulfan II

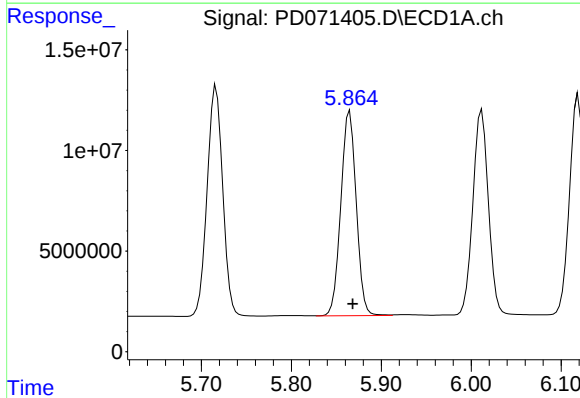
R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 122889241  
Conc: 40.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



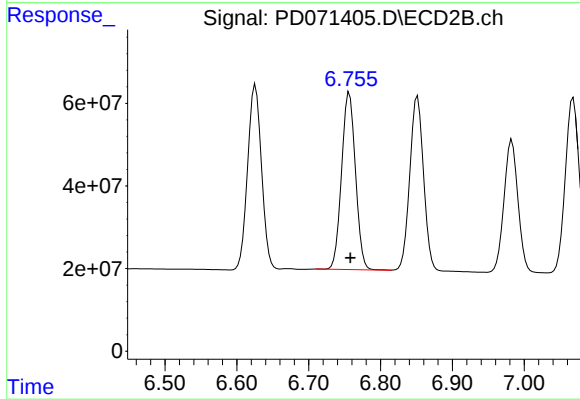
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: -0.001 min  
Response: 561047154  
Conc: 45.25 ng/ml



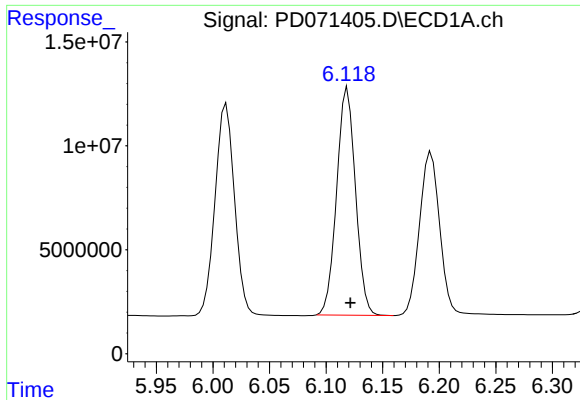
#16 4,4'-DDD

R.T.: 5.865 min  
Delta R.T.: -0.003 min  
Response: 121006009  
Conc: 42.45 ng/ml



#16 4,4'-DDD

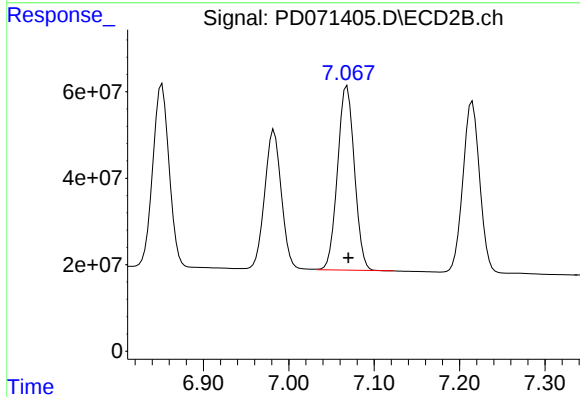
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 575491816  
Conc: 48.39 ng/ml



#17 4,4'-DDT

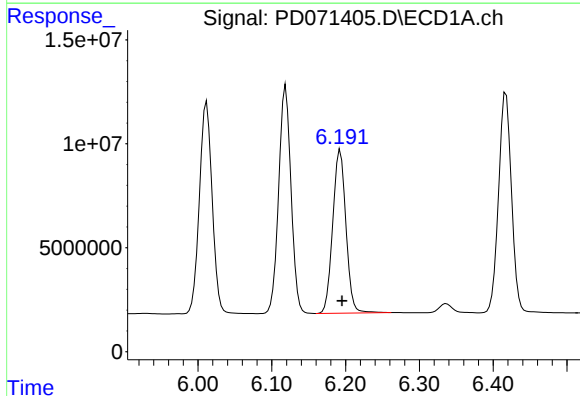
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 126713993  
Conc: 42.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



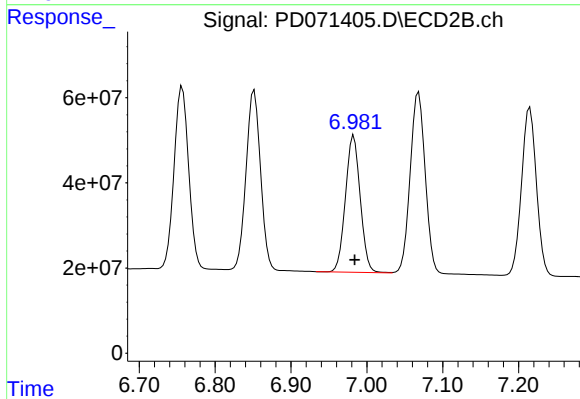
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: -0.002 min  
Response: 585044125  
Conc: 44.85 ng/ml



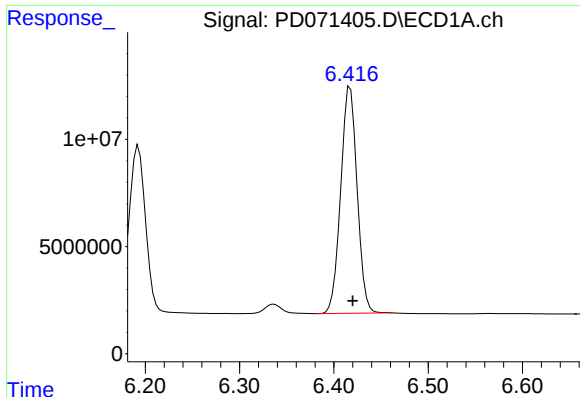
#18 Endrin aldehyde

R.T.: 6.193 min  
Delta R.T.: -0.003 min  
Response: 97612528  
Conc: 44.28 ng/ml



#18 Endrin aldehyde

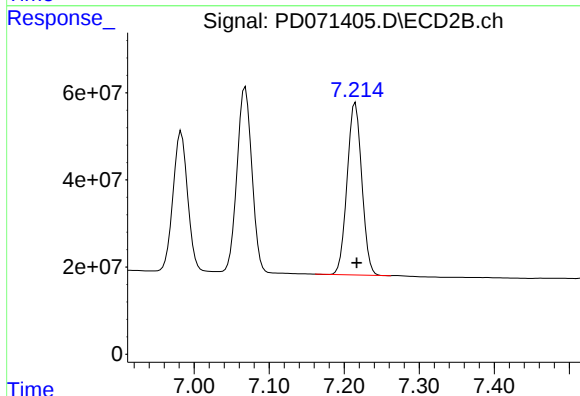
R.T.: 6.983 min  
Delta R.T.: -0.001 min  
Response: 435674061  
Conc: 44.97 ng/ml



#19 Endosulfan Sulfate

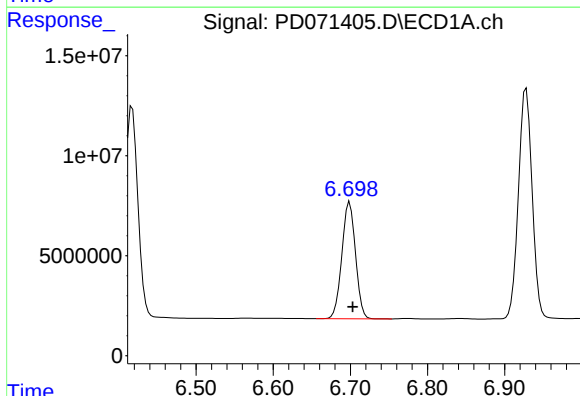
R.T.: 6.417 min  
Delta R.T.: -0.003 min  
Response: 128053260  
Conc: 44.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



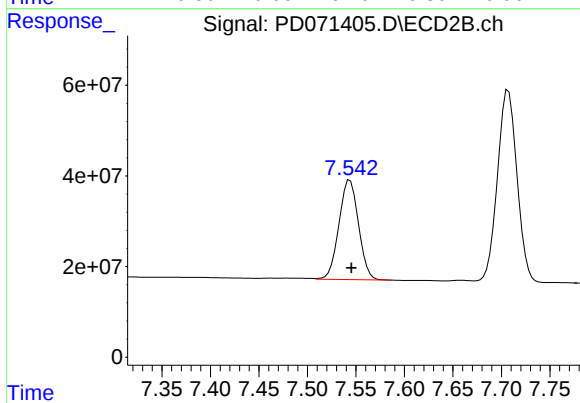
#19 Endosulfan Sulfate

R.T.: 7.215 min  
Delta R.T.: -0.002 min  
Response: 538314004  
Conc: 45.14 ng/ml



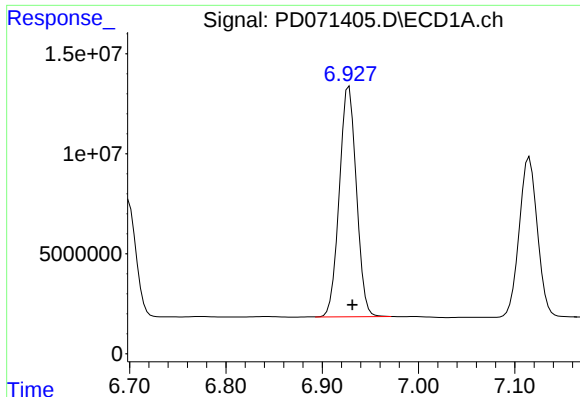
#20 Methoxychlor

R.T.: 6.699 min  
Delta R.T.: -0.004 min  
Response: 71601127  
Conc: 43.41 ng/ml



#20 Methoxychlor

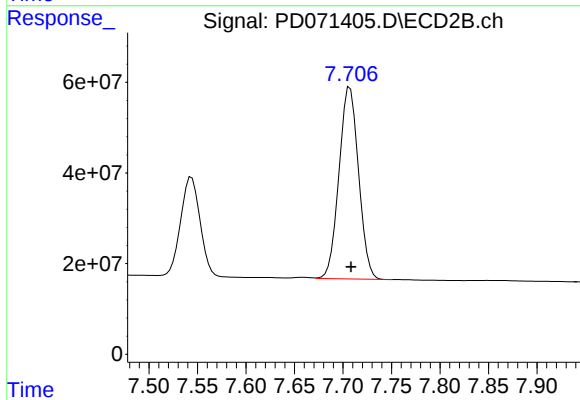
R.T.: 7.544 min  
Delta R.T.: -0.002 min  
Response: 306869950  
Conc: 44.52 ng/ml



#21 Endrin ketone

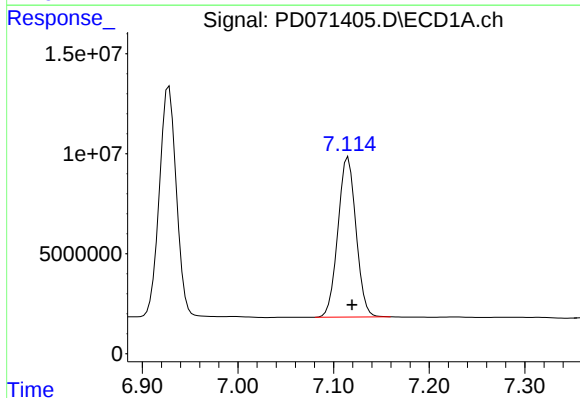
R.T.: 6.928 min  
Delta R.T.: -0.003 min  
Response: 141529026  
Conc: 43.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



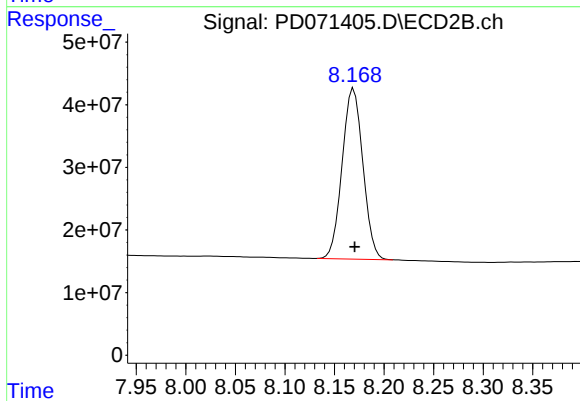
#21 Endrin ketone

R.T.: 7.707 min  
Delta R.T.: -0.001 min  
Response: 593352397  
Conc: 44.20 ng/ml



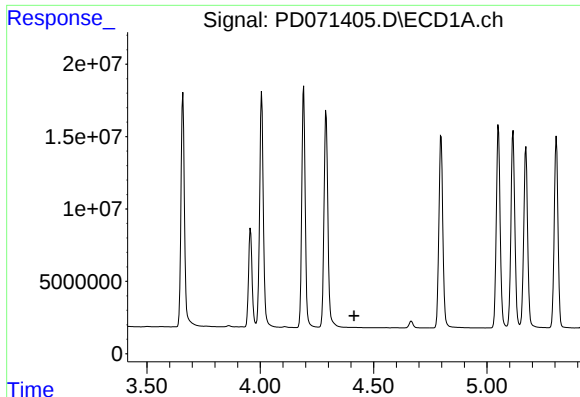
#22 Mirex

R.T.: 7.115 min  
Delta R.T.: -0.004 min  
Response: 105225848  
Conc: 42.98 ng/ml



#22 Mirex

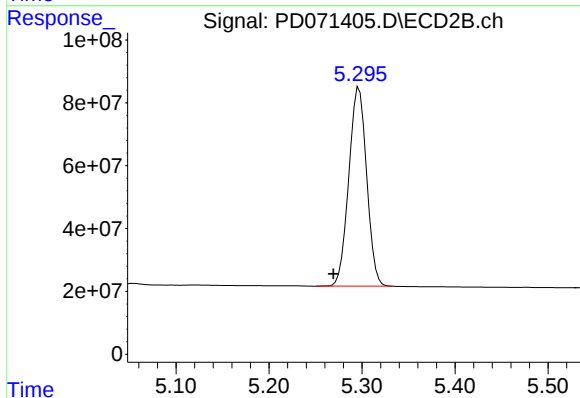
R.T.: 8.169 min  
Delta R.T.: -0.001 min  
Response: 397273927  
Conc: 46.18 ng/ml



#24 Chlordane-2

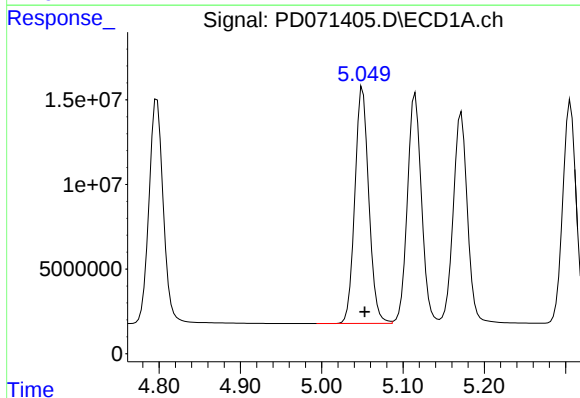
R.T.: 0.000 min  
Exp R.T.: 4.415 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



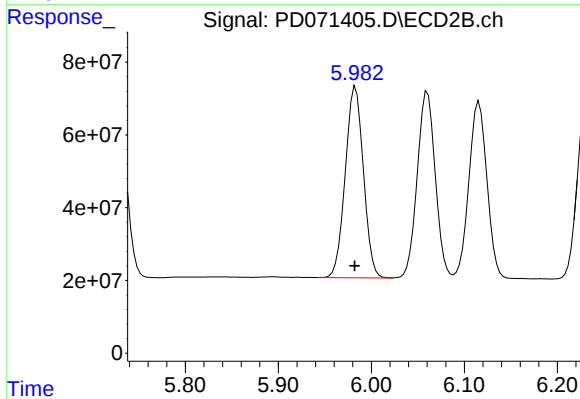
#24 Chlordane-2

R.T.: 5.297 min  
Delta R.T.: 0.028 min  
Response: 843372401  
Conc: 1407.95 ng/ml



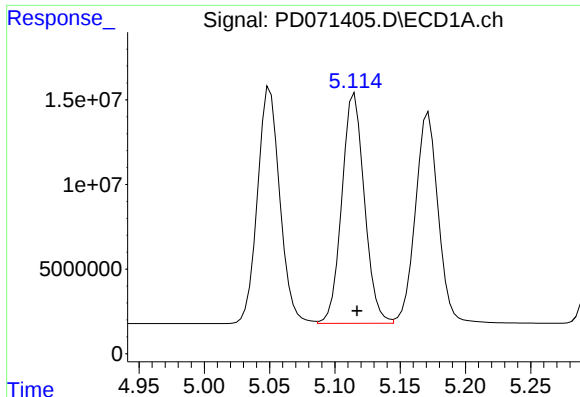
#25 Chlordane-3

R.T.: 5.050 min  
Delta R.T.: -0.002 min  
Response: 165854396  
Conc: 485.73 ng/ml



#25 Chlordane-3

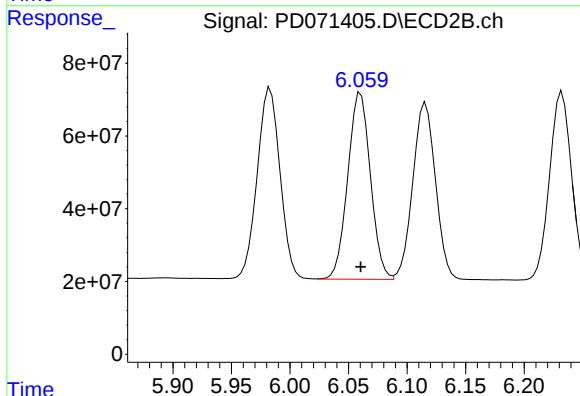
R.T.: 5.983 min  
Delta R.T.: 0.001 min  
Response: 711866495  
Conc: 383.98 ng/ml



#26 Chlordane-4

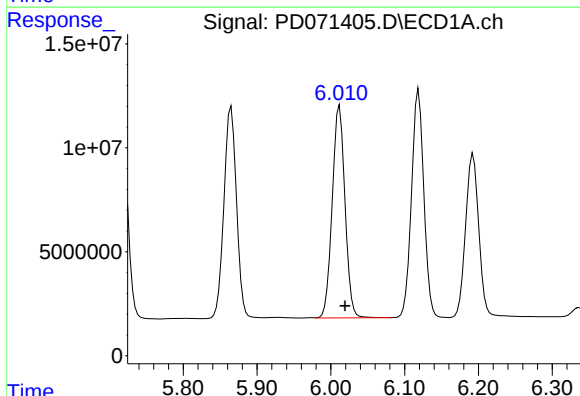
R.T.: 5.115 min  
Delta R.T.: -0.002 min  
Response: 163197022  
Conc: 514.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



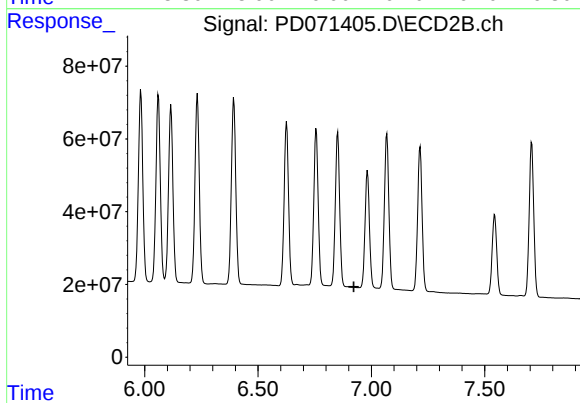
#26 Chlordane-4

R.T.: 6.060 min  
Delta R.T.: 0.000 min  
Response: 692265737  
Conc: 317.61 ng/ml



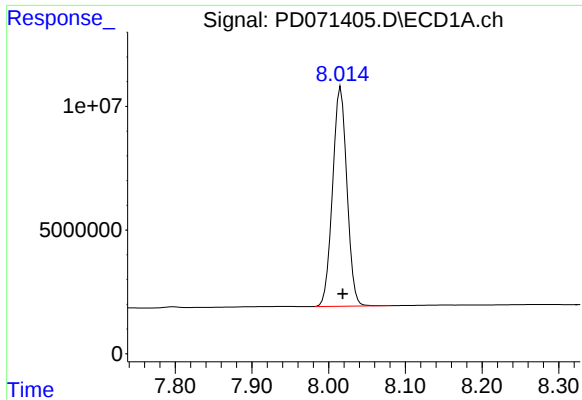
#27 Chlordane-5

R.T.: 6.012 min  
Delta R.T.: -0.008 min  
Response: 122889241  
Conc: 1016.39 ng/ml



#27 Chlordane-5

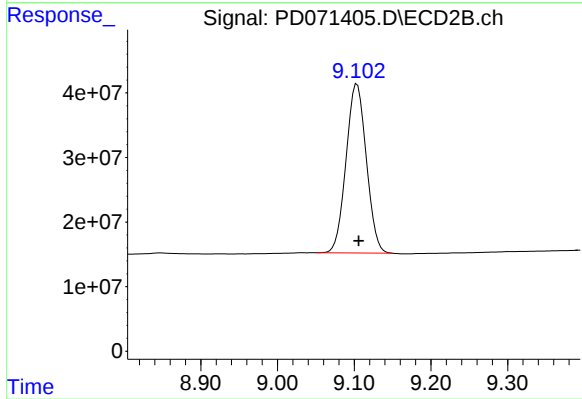
R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.016 min  
Delta R.T.: -0.003 min  
Response: 114979955  
Conc: 41.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.104 min  
Delta R.T.: -0.002 min  
Response: 483302159  
Conc: 46.68 ng/ml