

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032822\  
 Data File : PD068806.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2022 15:17  
 Operator : AR\AJ  
 Sample : PB143674BS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 01:48:21 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 03:30:32 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... | 3.447  | 4.173  | 25679240 | 217.9E6 | 21.150   | 22.792     |
| 28)                         | SA Decachlor... | 8.206  | 9.370  | 28211598 | 134.8E6 | 22.330   | 23.785     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.886  | 4.569  | 101.2E6  | 756.2E6 | 55.895   | 54.948     |
| 3)                          | MA gamma-BHC... | 4.170  | 4.860  | 92140530 | 681.7E6 | 55.182   | 54.521     |
| 4)                          | MA Heptachlor   | 4.468  | 5.388  | 86422102 | 634.6E6 | 52.457   | 53.400     |
| 5)                          | MB Aldrin       | 4.716  | 5.700  | 91263522 | 655.9E6 | 57.107   | 57.138     |
| 6)                          | B beta-BHC      | 4.420  | 5.023  | 38043532 | 282.6E6 | 51.095   | 51.468     |
| 7)                          | B delta-BHC     | 4.624  | 5.249  | 92398839 | 656.9E6 | 56.540   | 54.623     |
| 8)                          | B Heptachlo...  | 5.160  | 6.088  | 83086600 | 593.2E6 | 55.558   | 56.809     |
| 9)                          | A Endosulfan I  | 5.499  | 6.451  | 76843218 | 516.1E6 | 54.917   | 55.035     |
| 10)                         | B gamma-Chl...  | 5.386  | 6.325  | 84822942 | 574.7E6 | 55.917   | 55.753     |
| 11)                         | B alpha-Chl...  | 5.444  | 6.400  | 83041596 | 555.7E6 | 55.559   | 55.818     |
| 12)                         | B 4,4'-DDE      | 5.611  | 6.549  | 79113493 | 525.0E6 | 57.829   | 56.651     |
| 13)                         | MA Dieldrin     | 5.743  | 6.709  | 85211752 | 559.3E6 | 58.359   | 57.585     |
| 14)                         | MA Endrin       | 6.001  | 6.930  | 78667334 | 438.0E6 | 59.718   | 56.602     |
| 15)                         | B Endosulfa...  | 6.274  | 7.135  | 74227336 | 448.7E6 | 59.555   | 59.360     |
| 16)                         | A 4,4'-DDD      | 6.128  | 7.041  | 66838954 | 422.0E6 | 56.680   | 57.136     |
| 17)                         | MA 4,4'-DDT     | 6.368  | 7.344  | 65478645 | 405.6E6 | 54.476   | 55.210     |
| 18)                         | B Endrin al...  | 6.444  | 7.259  | 59308387 | 362.1E6 | 59.742   | 59.840     |
| 19)                         | B Endosulfa...  | 6.657  | 7.484  | 73057345 | 422.7E6 | 57.129   | 57.473     |
| 20)                         | A Methoxychlor  | 6.919  | 7.797  | 37287267 | 208.0E6 | 53.803   | 57.072     |
| 21)                         | B Endrin ke...  | 7.150  | 7.959  | 83355264 | 438.6E6 | 56.621   | 56.597     |
| 22)                         | Mirex           | 7.334  | 8.425  | 70143947 | 336.4E6 | 59.184   | 61.367     |
| 23)                         | Chlordane-1     | 4.343f | 5.177f | 139331   | 510126  | 3.283    | 1.293 #    |
| 24)                         | Chlordane-2     | 0.000  | 5.700f | 0        | 655.9E6 | N.D.     | 1715.660 # |
| 25)                         | Chlordane-3     | 5.386  | 6.325  | 84822942 | 574.7E6 | 608.343  | 427.705 #  |
| 26)                         | Chlordane-4     | 5.444  | 6.400  | 83041596 | 555.7E6 | 701.657  | 357.478 #  |
| 27)                         | Chlordane-5     | 6.274  | 0.000  | 74227336 | 0       | 1485.746 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

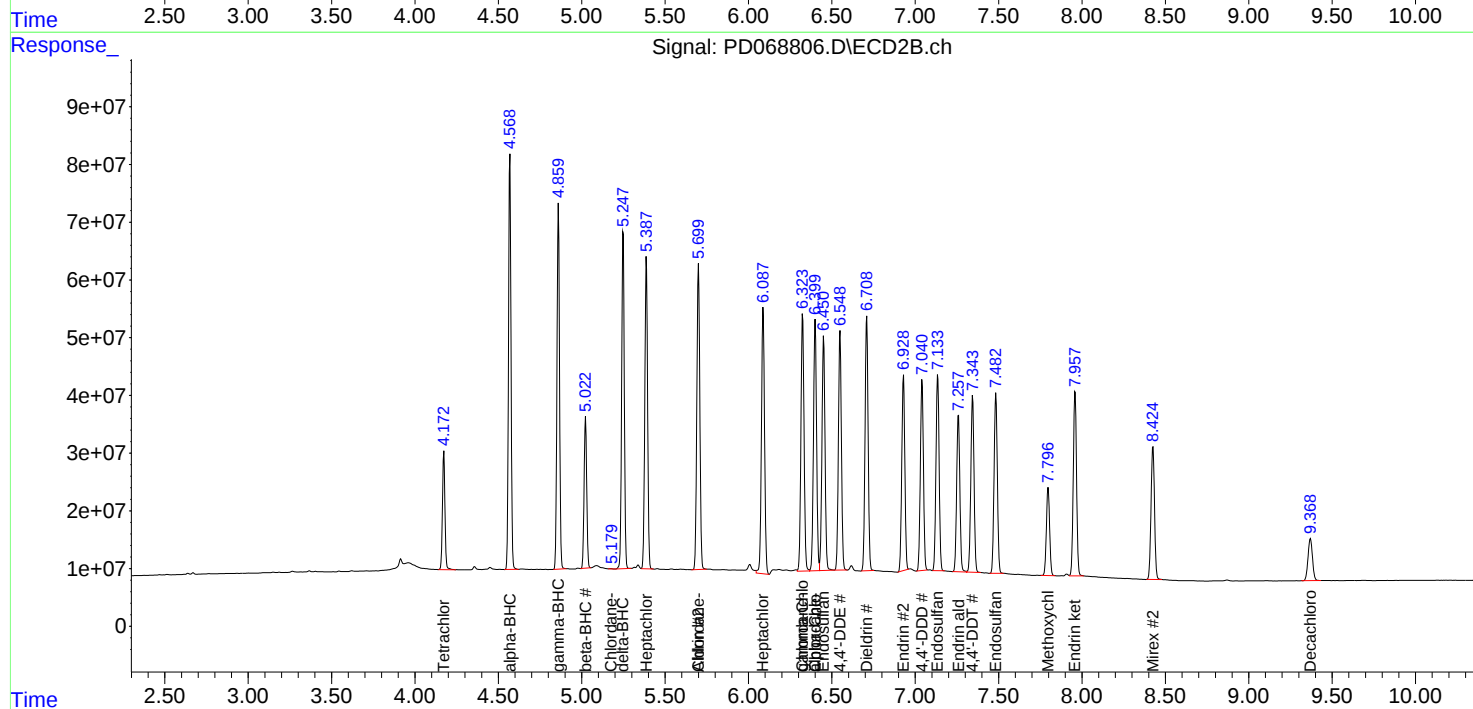
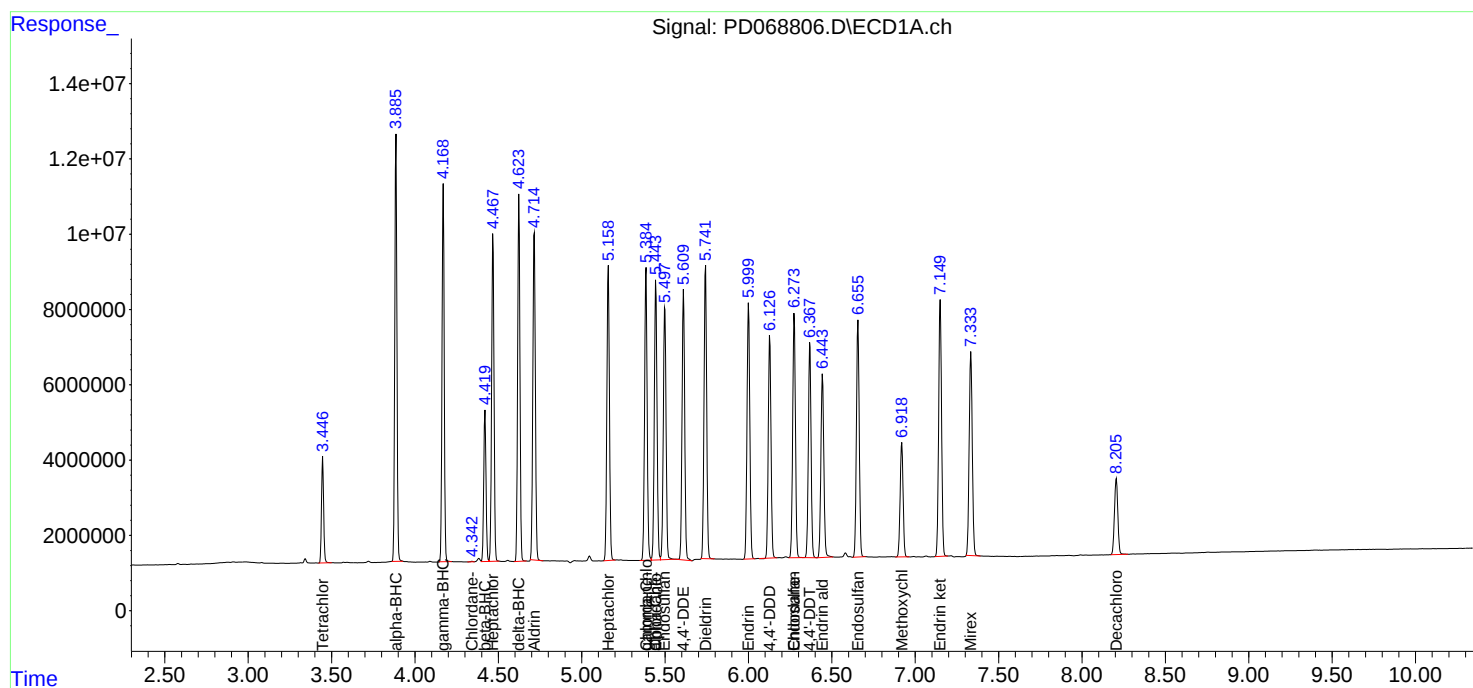
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

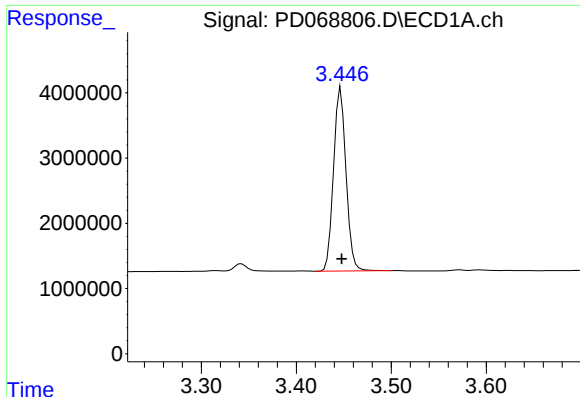
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032822\  
Data File : PD068806.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2022 15:17  
Operator : AR\AJ  
Sample : PB143674BS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 01:48:21 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031222.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 03:30:32 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

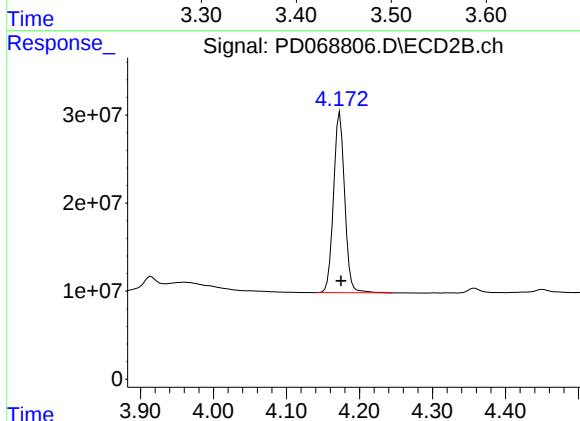




#1 Tetrachloro-m-xylene

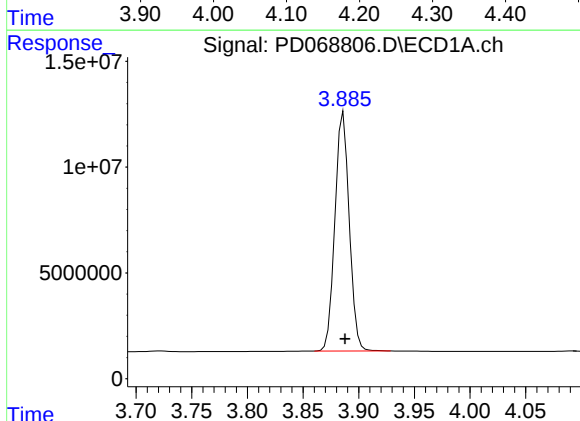
R.T.: 3.447 min  
Delta R.T.: -0.001 min  
Response: 25679240  
Conc: 21.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



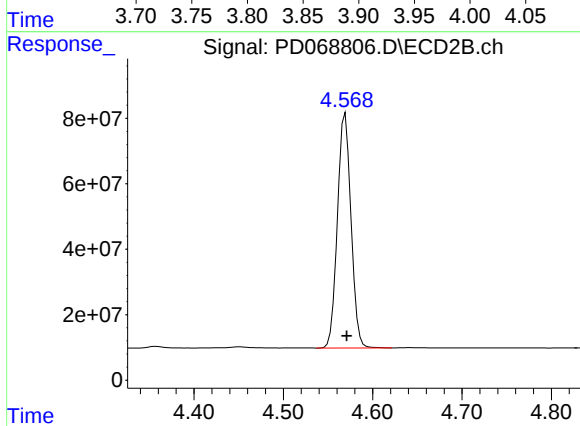
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: -0.001 min  
Response: 217909664  
Conc: 22.79 ng/ml



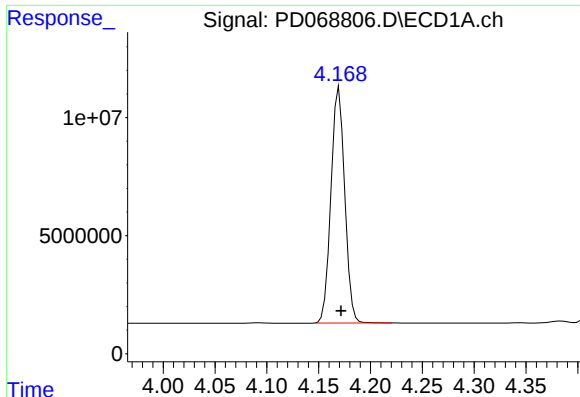
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: -0.001 min  
Response: 101201957  
Conc: 55.89 ng/ml



#2 alpha-BHC

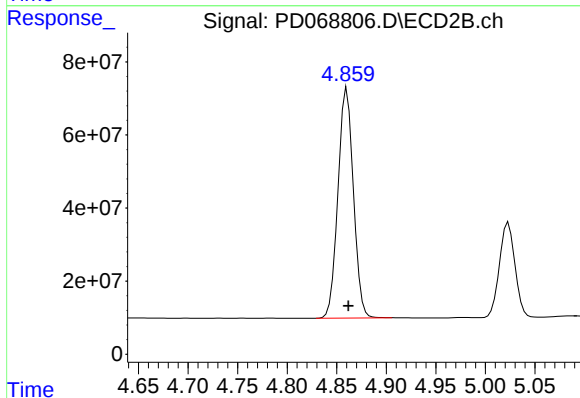
R.T.: 4.569 min  
Delta R.T.: -0.002 min  
Response: 756245024  
Conc: 54.95 ng/ml



#3 gamma-BHC (Lindane)

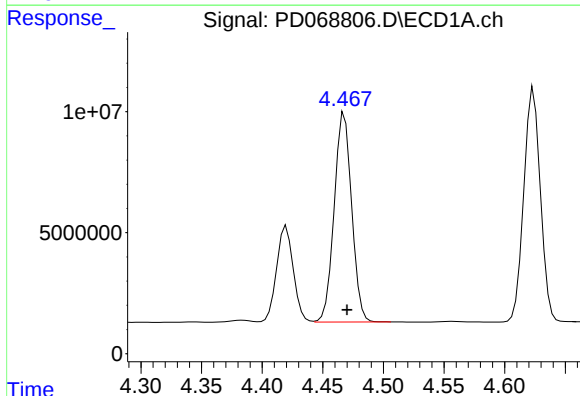
R.T.: 4.170 min  
Delta R.T.: -0.002 min  
Response: 92140530  
Conc: 55.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



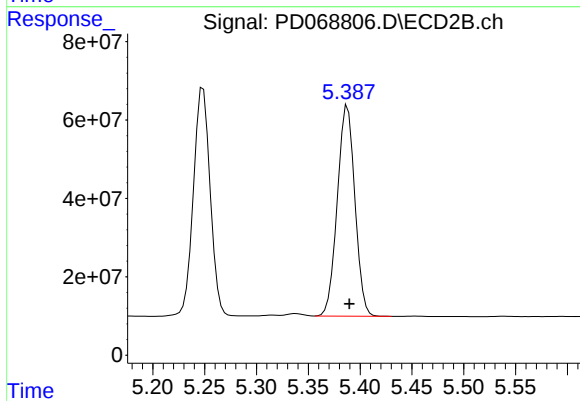
#3 gamma-BHC (Lindane)

R.T.: 4.860 min  
Delta R.T.: -0.001 min  
Response: 681680716  
Conc: 54.52 ng/ml



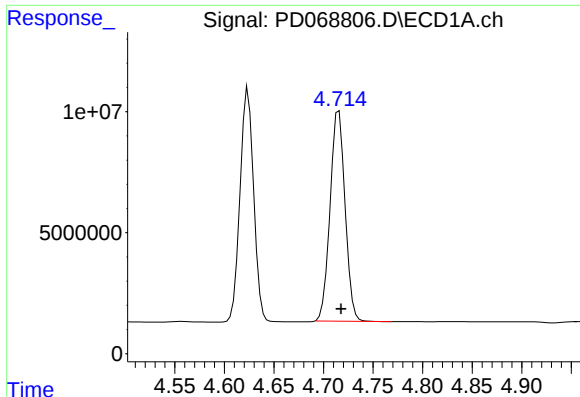
#4 Heptachlor

R.T.: 4.468 min  
Delta R.T.: -0.002 min  
Response: 86422102  
Conc: 52.46 ng/ml



#4 Heptachlor

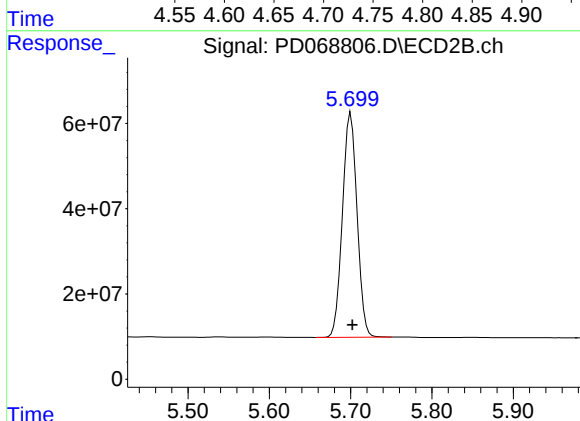
R.T.: 5.388 min  
Delta R.T.: -0.001 min  
Response: 634624471  
Conc: 53.40 ng/ml



#5 Aldrin

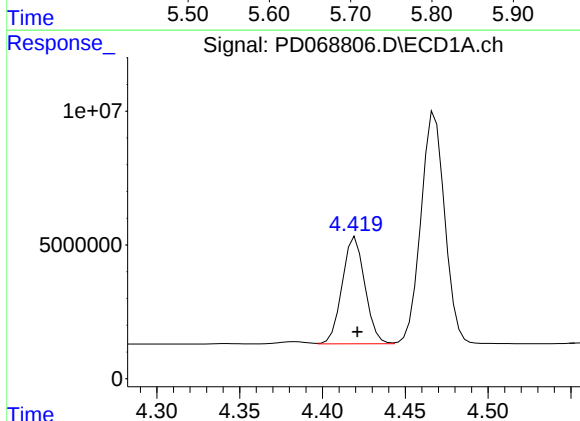
R.T.: 4.716 min  
Delta R.T.: -0.002 min  
Response: 91263522  
Conc: 57.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



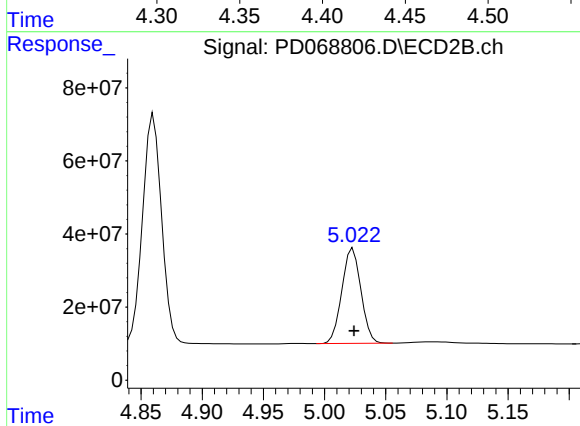
#5 Aldrin

R.T.: 5.700 min  
Delta R.T.: -0.002 min  
Response: 655876261  
Conc: 57.14 ng/ml



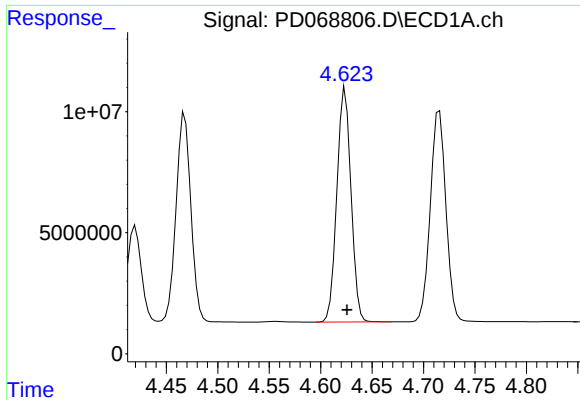
#6 beta-BHC

R.T.: 4.420 min  
Delta R.T.: -0.001 min  
Response: 38043532  
Conc: 51.10 ng/ml



#6 beta-BHC

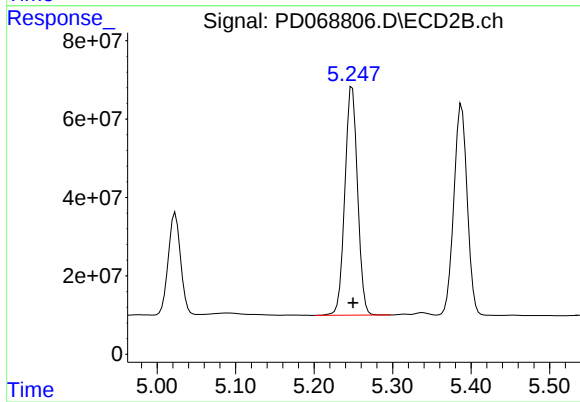
R.T.: 5.023 min  
Delta R.T.: 0.000 min  
Response: 282554836  
Conc: 51.47 ng/ml



#7 delta-BHC

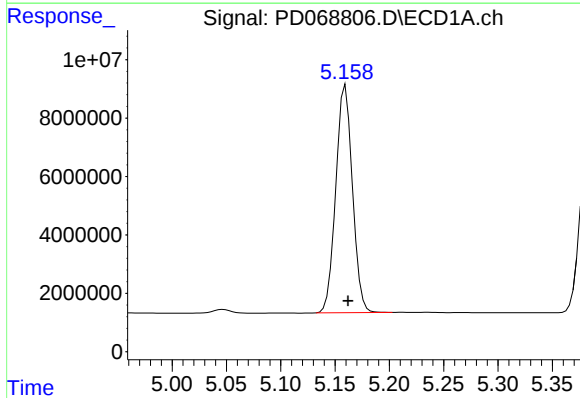
R.T.: 4.624 min  
Delta R.T.: -0.002 min  
Response: 92398839  
Conc: 56.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



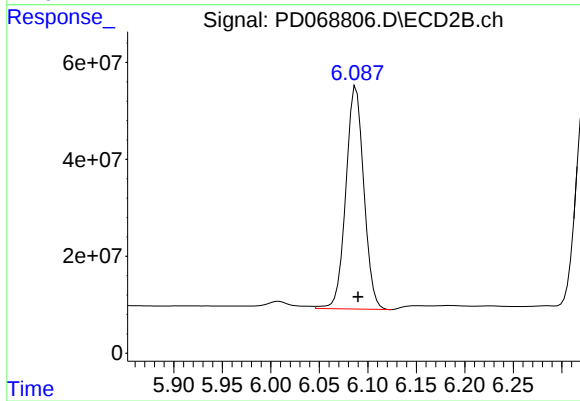
#7 delta-BHC

R.T.: 5.249 min  
Delta R.T.: -0.001 min  
Response: 656882821  
Conc: 54.62 ng/ml



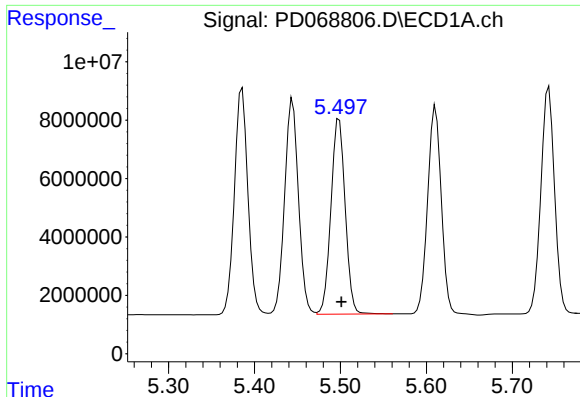
#8 Heptachlor epoxide

R.T.: 5.160 min  
Delta R.T.: -0.002 min  
Response: 83086600  
Conc: 55.56 ng/ml



#8 Heptachlor epoxide

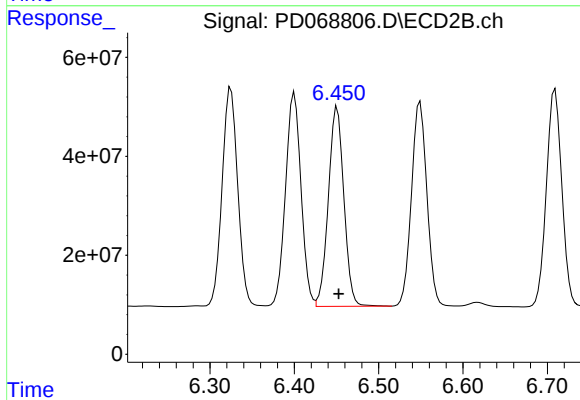
R.T.: 6.088 min  
Delta R.T.: -0.002 min  
Response: 593242617  
Conc: 56.81 ng/ml



#9 Endosulfan I

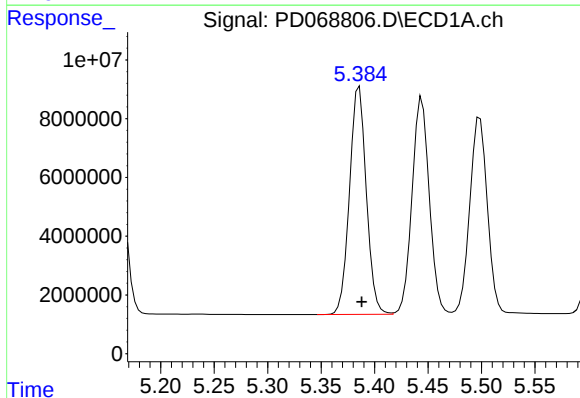
R.T.: 5.499 min  
Delta R.T.: -0.003 min  
Response: 76843218  
Conc: 54.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



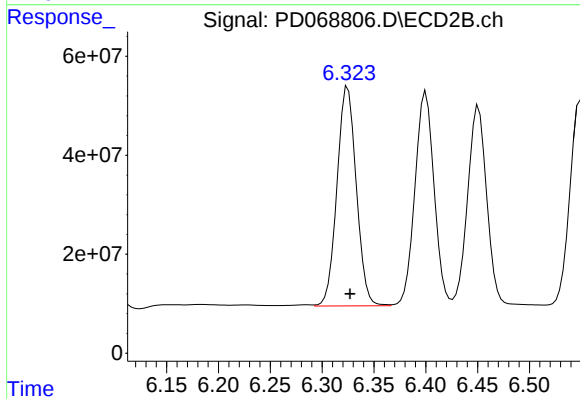
#9 Endosulfan I

R.T.: 6.451 min  
Delta R.T.: -0.002 min  
Response: 516132271  
Conc: 55.04 ng/ml



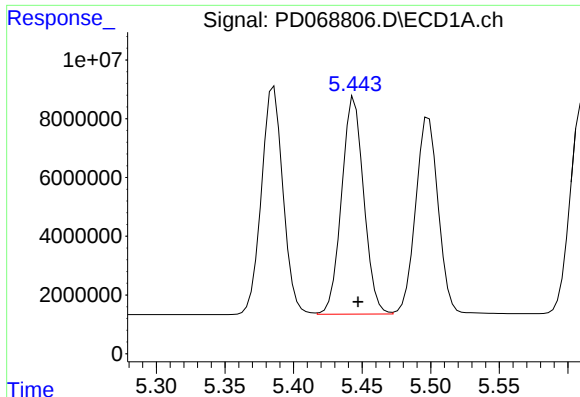
#10 gamma-Chlordane

R.T.: 5.386 min  
Delta R.T.: -0.002 min  
Response: 84822942  
Conc: 55.92 ng/ml



#10 gamma-Chlordane

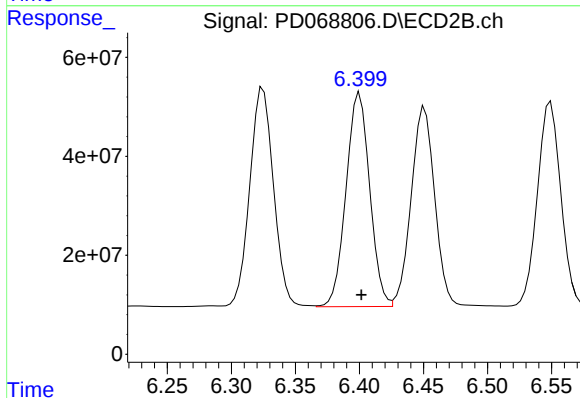
R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 574657032  
Conc: 55.75 ng/ml



#11 alpha-Chlordane

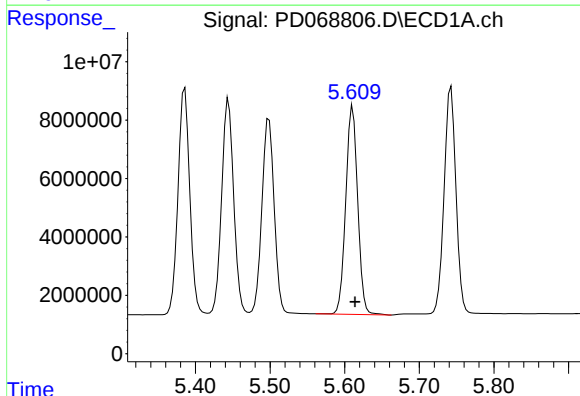
R.T.: 5.444 min  
Delta R.T.: -0.003 min  
Response: 83041596  
Conc: 55.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



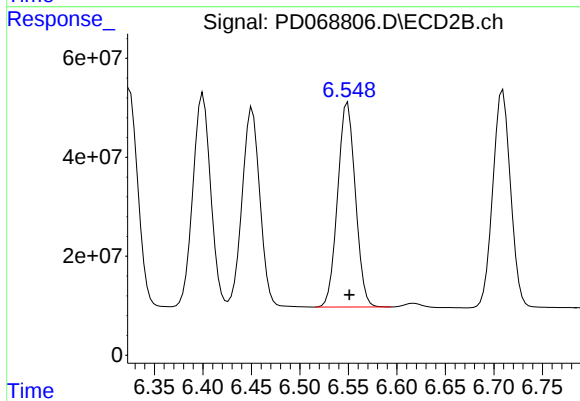
#11 alpha-Chlordane

R.T.: 6.400 min  
Delta R.T.: -0.001 min  
Response: 555731084  
Conc: 55.82 ng/ml



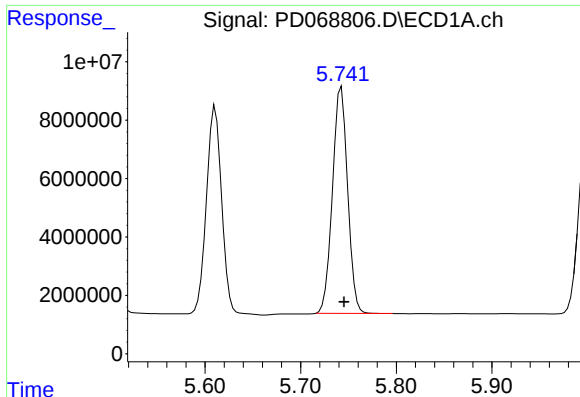
#12 4,4'-DDE

R.T.: 5.611 min  
Delta R.T.: -0.003 min  
Response: 79113493  
Conc: 57.83 ng/ml



#12 4,4'-DDE

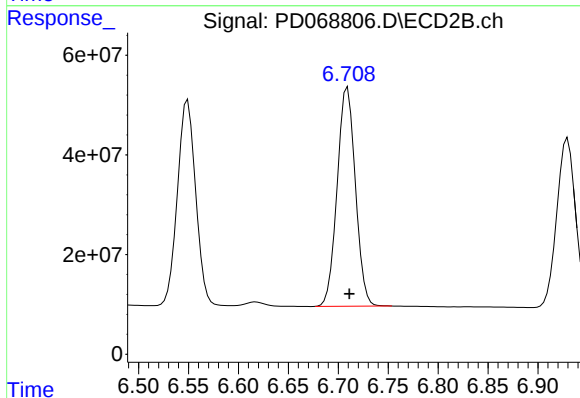
R.T.: 6.549 min  
Delta R.T.: -0.002 min  
Response: 524978751  
Conc: 56.65 ng/ml



#13 Dieldrin

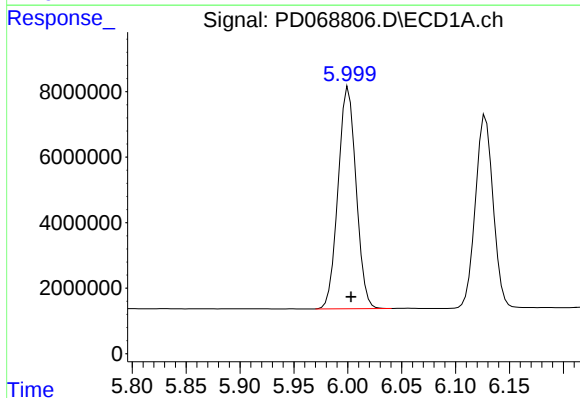
R.T.: 5.743 min  
Delta R.T.: -0.003 min  
Response: 85211752  
Conc: 58.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



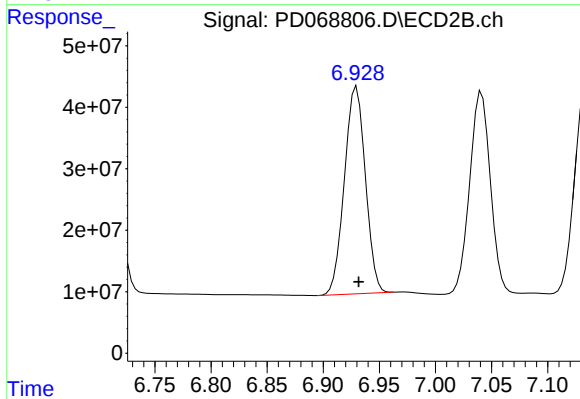
#13 Dieldrin

R.T.: 6.709 min  
Delta R.T.: -0.002 min  
Response: 559324936  
Conc: 57.58 ng/ml



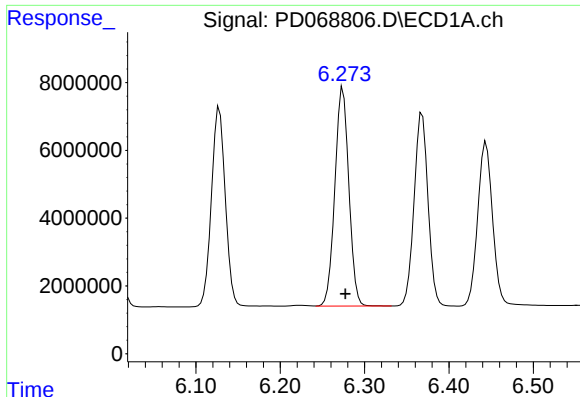
#14 Endrin

R.T.: 6.001 min  
Delta R.T.: -0.002 min  
Response: 78667334  
Conc: 59.72 ng/ml



#14 Endrin

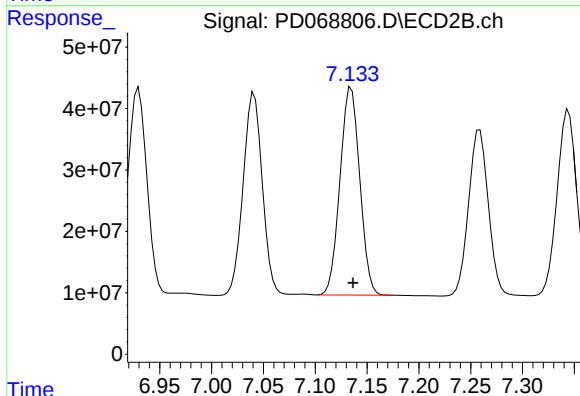
R.T.: 6.930 min  
Delta R.T.: -0.002 min  
Response: 437957472  
Conc: 56.60 ng/ml



#15 Endosulfan II

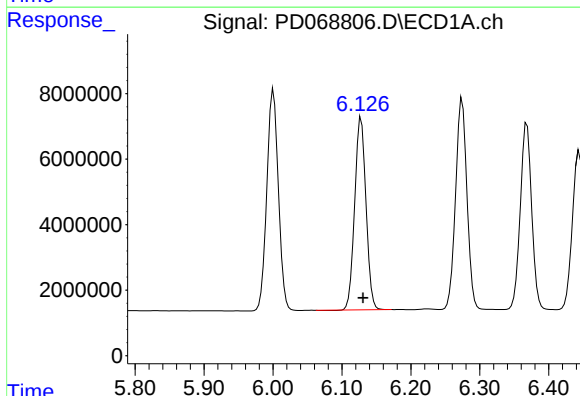
R.T.: 6.274 min  
Delta R.T.: -0.003 min  
Response: 74227336  
Conc: 59.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



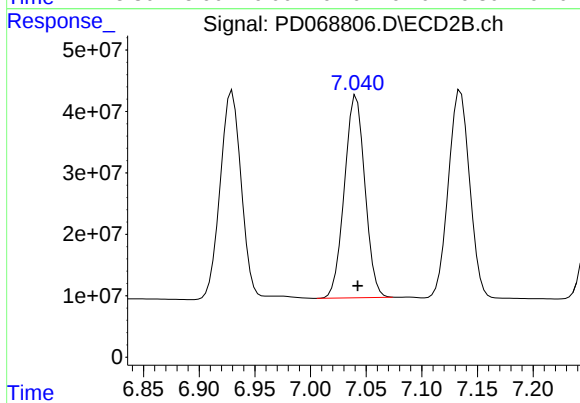
#15 Endosulfan II

R.T.: 7.135 min  
Delta R.T.: -0.002 min  
Response: 448676661  
Conc: 59.36 ng/ml



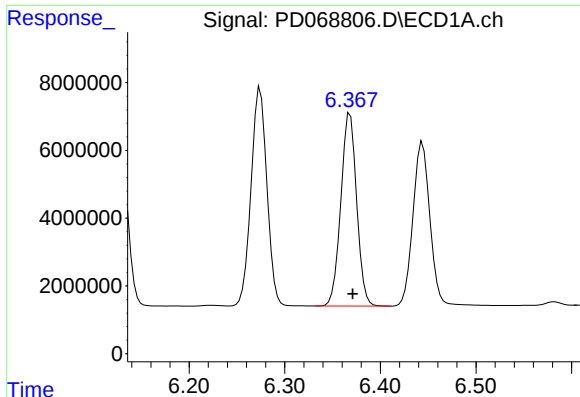
#16 4,4'-DDD

R.T.: 6.128 min  
Delta R.T.: -0.003 min  
Response: 66838954  
Conc: 56.68 ng/ml



#16 4,4'-DDD

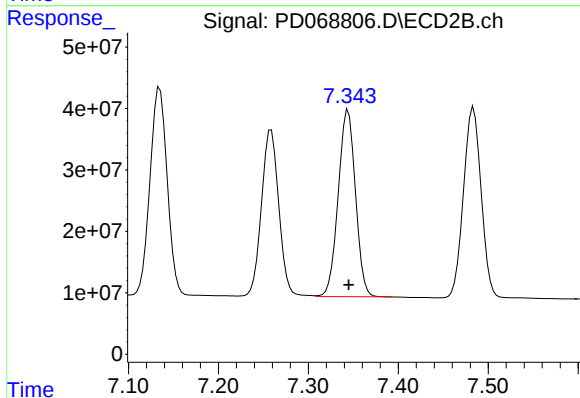
R.T.: 7.041 min  
Delta R.T.: -0.001 min  
Response: 421969076  
Conc: 57.14 ng/ml



#17 4,4'-DDT

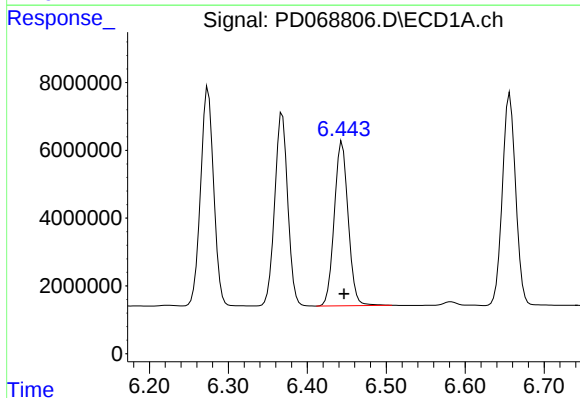
R.T.: 6.368 min  
Delta R.T.: -0.003 min  
Response: 65478645  
Conc: 54.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



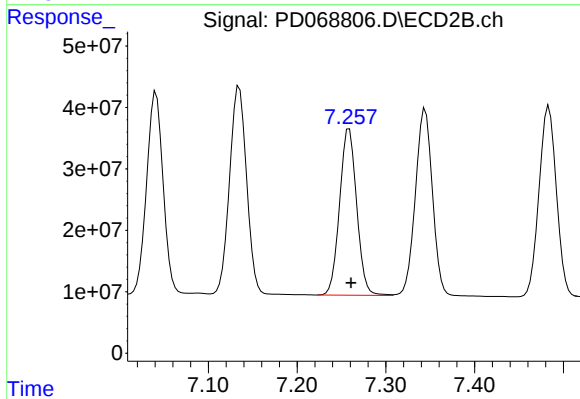
#17 4,4'-DDT

R.T.: 7.344 min  
Delta R.T.: 0.000 min  
Response: 405612228  
Conc: 55.21 ng/ml



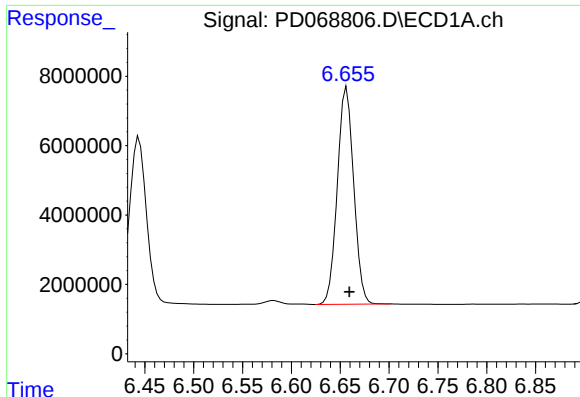
#18 Endrin aldehyde

R.T.: 6.444 min  
Delta R.T.: -0.003 min  
Response: 59308387  
Conc: 59.74 ng/ml



#18 Endrin aldehyde

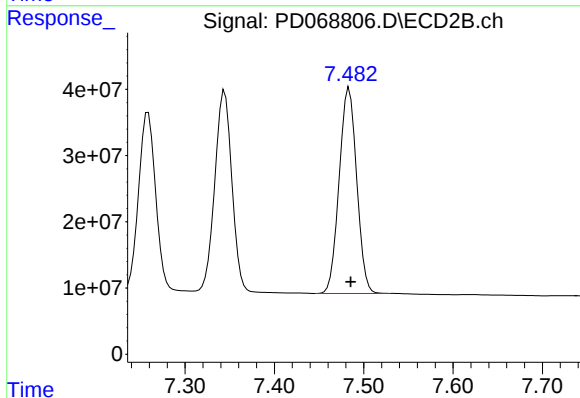
R.T.: 7.259 min  
Delta R.T.: -0.002 min  
Response: 362141184  
Conc: 59.84 ng/ml



#19 Endosulfan Sulfate

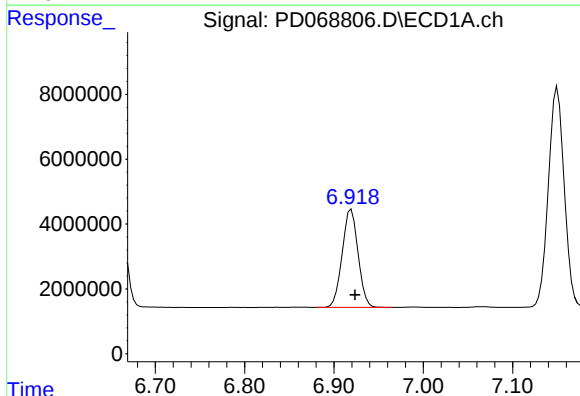
R.T.: 6.657 min  
Delta R.T.: -0.003 min  
Response: 73057345  
Conc: 57.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



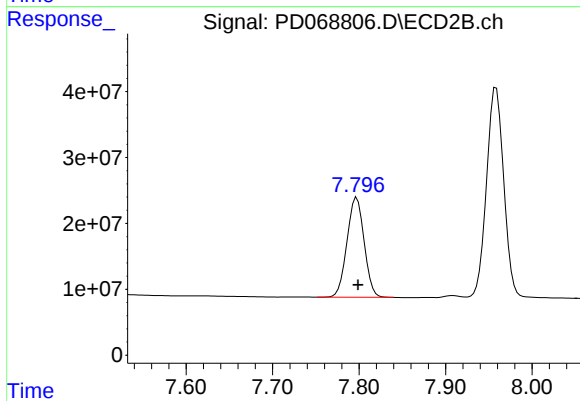
#19 Endosulfan Sulfate

R.T.: 7.484 min  
Delta R.T.: -0.002 min  
Response: 422715142  
Conc: 57.47 ng/ml



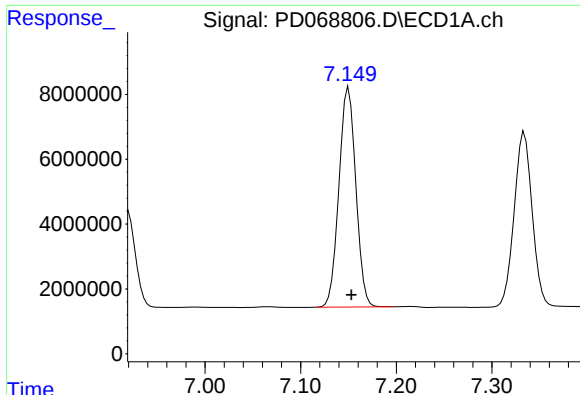
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: -0.004 min  
Response: 37287267  
Conc: 53.80 ng/ml



#20 Methoxychlor

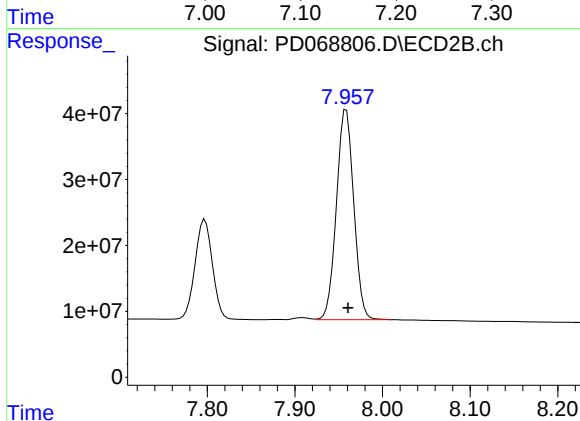
R.T.: 7.797 min  
Delta R.T.: -0.002 min  
Response: 208042644  
Conc: 57.07 ng/ml



#21 Endrin ketone

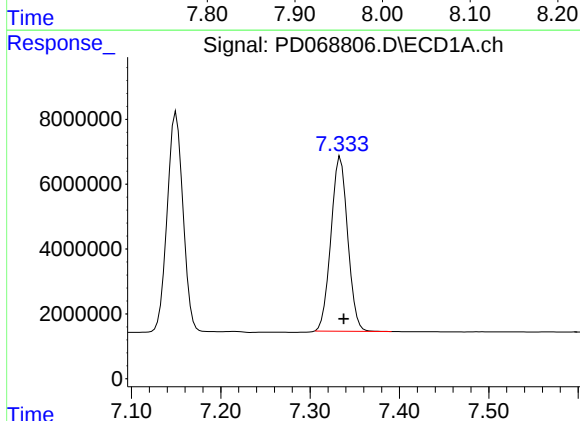
R.T.: 7.150 min  
Delta R.T.: -0.003 min  
Response: 83355264  
Conc: 56.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



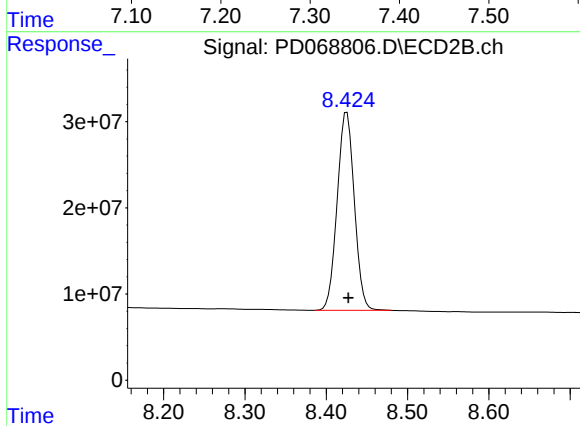
#21 Endrin ketone

R.T.: 7.959 min  
Delta R.T.: -0.002 min  
Response: 438555107  
Conc: 56.60 ng/ml



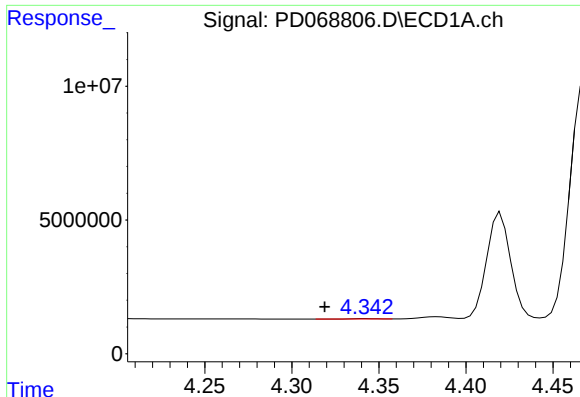
#22 Mirex

R.T.: 7.334 min  
Delta R.T.: -0.003 min  
Response: 70143947  
Conc: 59.18 ng/ml



#22 Mirex

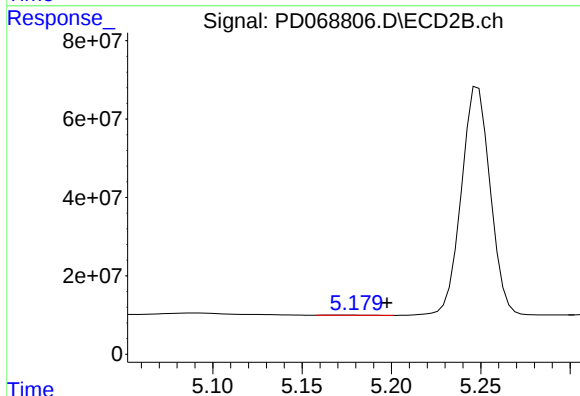
R.T.: 8.425 min  
Delta R.T.: -0.002 min  
Response: 336373557  
Conc: 61.37 ng/ml



#23 Chlordane-1

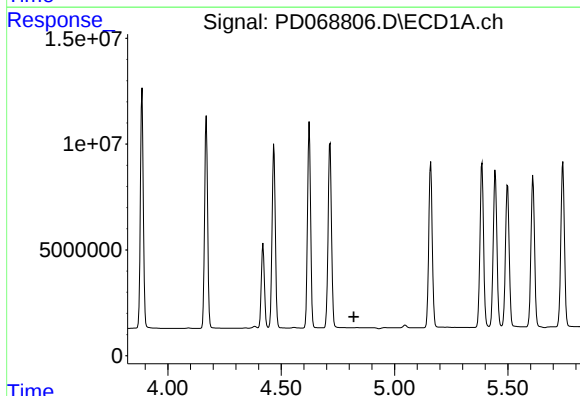
R.T.: 4.343 min  
Delta R.T.: 0.024 min  
Response: 139331  
Conc: 3.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



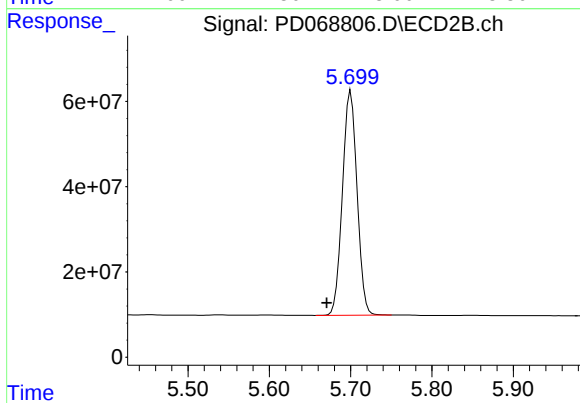
#23 Chlordane-1

R.T.: 5.177 min  
Delta R.T.: -0.020 min  
Response: 510126  
Conc: 1.29 ng/ml



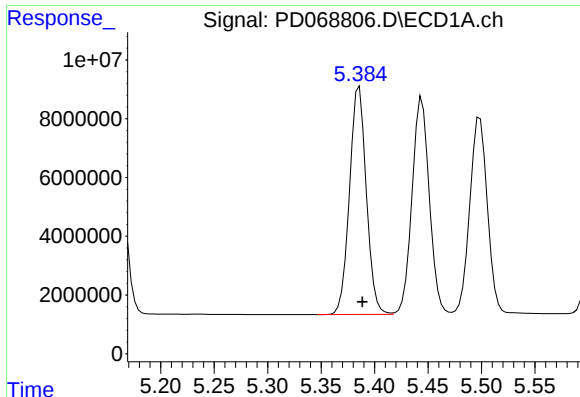
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.820 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

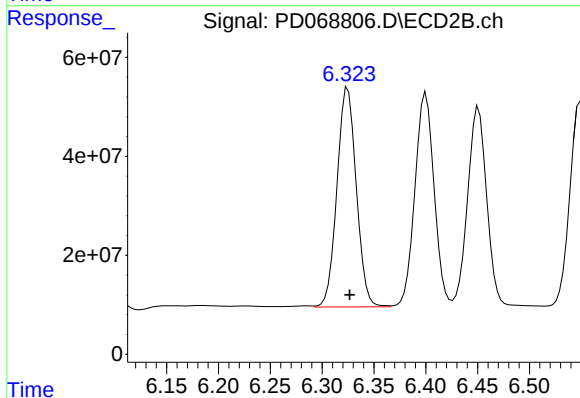
R.T.: 5.700 min  
Delta R.T.: 0.030 min  
Response: 655876261  
Conc: 1715.66 ng/ml



#25 Chlordane-3

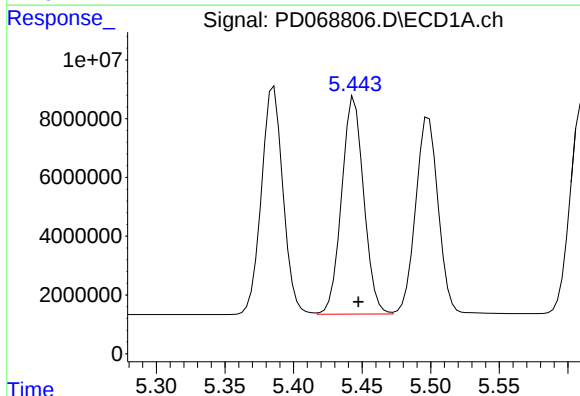
R.T.: 5.386 min  
Delta R.T.: -0.003 min  
Response: 84822942  
Conc: 608.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



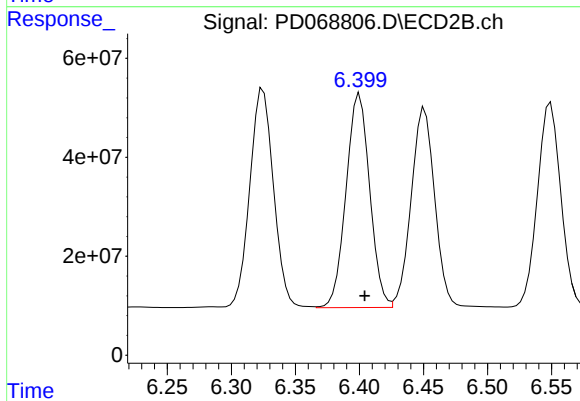
#25 Chlordane-3

R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 574657032  
Conc: 427.71 ng/ml



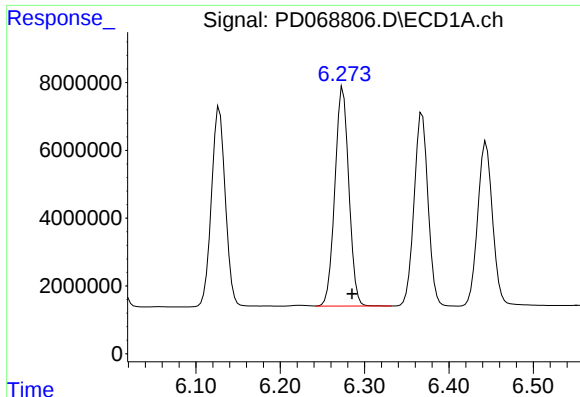
#26 Chlordane-4

R.T.: 5.444 min  
Delta R.T.: -0.003 min  
Response: 83041596  
Conc: 701.66 ng/ml



#26 Chlordane-4

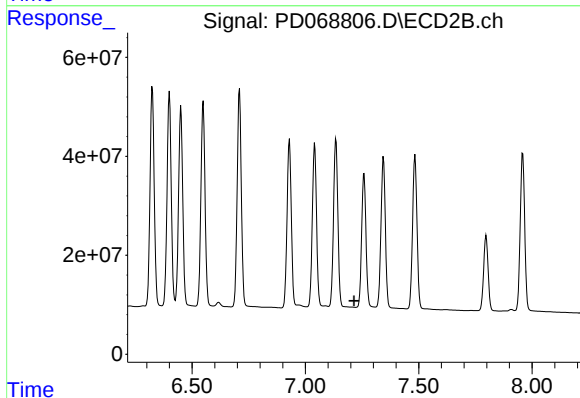
R.T.: 6.400 min  
Delta R.T.: -0.004 min  
Response: 555731084  
Conc: 357.48 ng/ml



#27 Chlordane-5

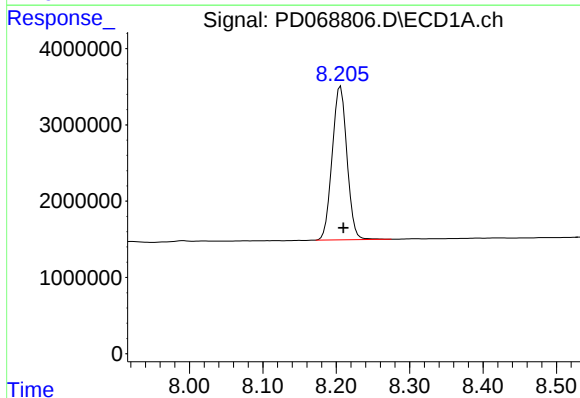
R.T.: 6.274 min  
Delta R.T.: -0.011 min  
Response: 74227336  
Conc: 1485.75 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



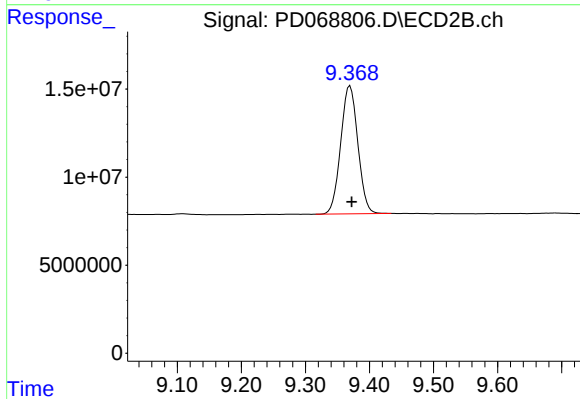
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.215 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: -0.004 min  
Response: 28211598  
Conc: 22.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.370 min  
Delta R.T.: -0.003 min  
Response: 134780512  
Conc: 23.78 ng/ml