

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033121\  
 Data File : PD061937.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2021 16:59  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 05:18:42 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 2021  
 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... | 3.488  | 3.982  | 44717459 | 446.4E6  | 53.407   | 51.375     |
| 28)                         | SA Decachlor... | 8.260  | 9.041  | 53003372 | 364.8E6  | 43.077   | 38.646     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.927  | 4.371  | 71843004 | 724.9E6  | 56.882   | 53.895     |
| 3)                          | MA gamma-BHC... | 4.212  | 4.655  | 67860902 | 651.3E6  | 57.157   | 52.215     |
| 4)                          | MA Heptachlor   | 4.516  | 5.164  | 68160250 | 643.4E6  | 58.548   | 49.370     |
| 5)                          | MB Aldrin       | 4.766  | 5.469  | 66620505 | 621.3E6  | 55.511   | 49.931     |
| 6)                          | B beta-BHC      | 4.462  | 4.825  | 27717263 | 249.8E6  | 50.828   | 48.369     |
| 7)                          | B delta-BHC     | 4.669  | 5.042  | 67153100 | 506.0E6  | 55.279   | 38.254 #   |
| 8)                          | B Heptachlo...  | 5.210  | 5.854  | 61760101 | 490.0E6  | 53.876   | 41.378     |
| 9)                          | A Endosulfan I  | 5.551  | 6.210  | 58136731 | 515.9E6  | 52.942   | 47.593     |
| 10)                         | B gamma-Chl...  | 5.438  | 6.088  | 63626513 | 534.7E6  | 54.319   | 45.102     |
| 11)                         | B alpha-Chl...  | 5.497  | 6.161  | 62182616 | 541.8E6  | 53.513   | 47.523     |
| 12)                         | B 4,4'-DDE      | 5.659  | 6.317  | 61783497 | 546.0E6  | 54.984   | 47.378     |
| 13)                         | MA Dieldrin     | 5.795  | 6.468  | 63701335 | 538.9E6  | 55.110   | 46.688     |
| 14)                         | MA Endrin       | 6.053  | 6.685  | 58156763 | 463.8E6  | 56.600   | 46.866     |
| 15)                         | B Endosulfa...  | 6.327  | 6.894  | 50419663 | 473.9E6  | 49.195   | 49.907     |
| 16)                         | A 4,4'-DDD      | 6.177  | 6.806  | 52587326 | 418.9E6  | 56.507   | 44.241     |
| 17)                         | MA 4,4'-DDT     | 6.419  | 7.105  | 51312435 | 433.1E6  | 56.968   | 45.347     |
| 18)                         | B Endrin al...  | 6.495  | 7.017  | 41289067 | 354.4E6  | 48.328   | 45.062     |
| 19)                         | B Endosulfa...  | 6.708  | 7.240  | 48823535 | 434.1E6  | 45.247   | 43.312     |
| 20)                         | A Methoxychlor  | 6.965  | 7.563  | 26301101 | 185.1E6  | 55.664   | 41.053 #   |
| 21)                         | B Endrin ke...  | 7.203  | 7.711  | 61117992 | 375.3E6  | 47.889   | 37.006     |
| 22)                         | Mirex           | 7.393  | 8.166  | 39823054 | 228.7E6  | 47.200   | 35.481     |
| 23)                         | Chlordane-1     | 4.390f | 4.949f | 715081   | 134.3E6  | 22.504   | 346.293 #  |
| 24)                         | Chlordane-2     | 0.000  | 5.469f | 0        | 621.3E6  | N.D.     | 1619.295 # |
| 25)                         | Chlordane-3     | 5.438  | 6.088  | 63626513 | 534.7E6  | 548.452  | 322.538 #  |
| 26)                         | Chlordane-4     | 5.497  | 6.161  | 62182616 | 541.8E6  | 646.339  | 282.319 #  |
| 27)                         | Chlordane-5     | 6.327  | 6.964  | 50419663 | 43909009 | 1145.022 | 121.834 #  |
| -----                       |                 |        |        |          |          |          |            |

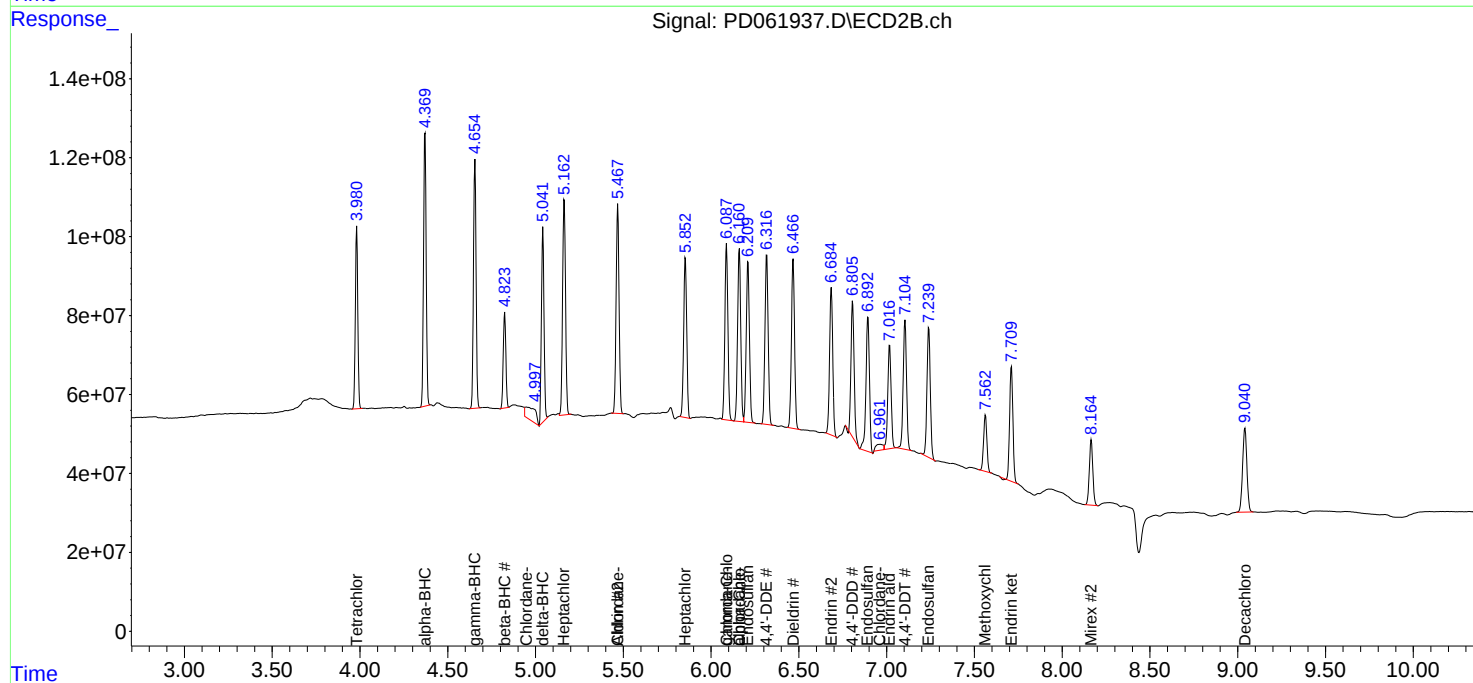
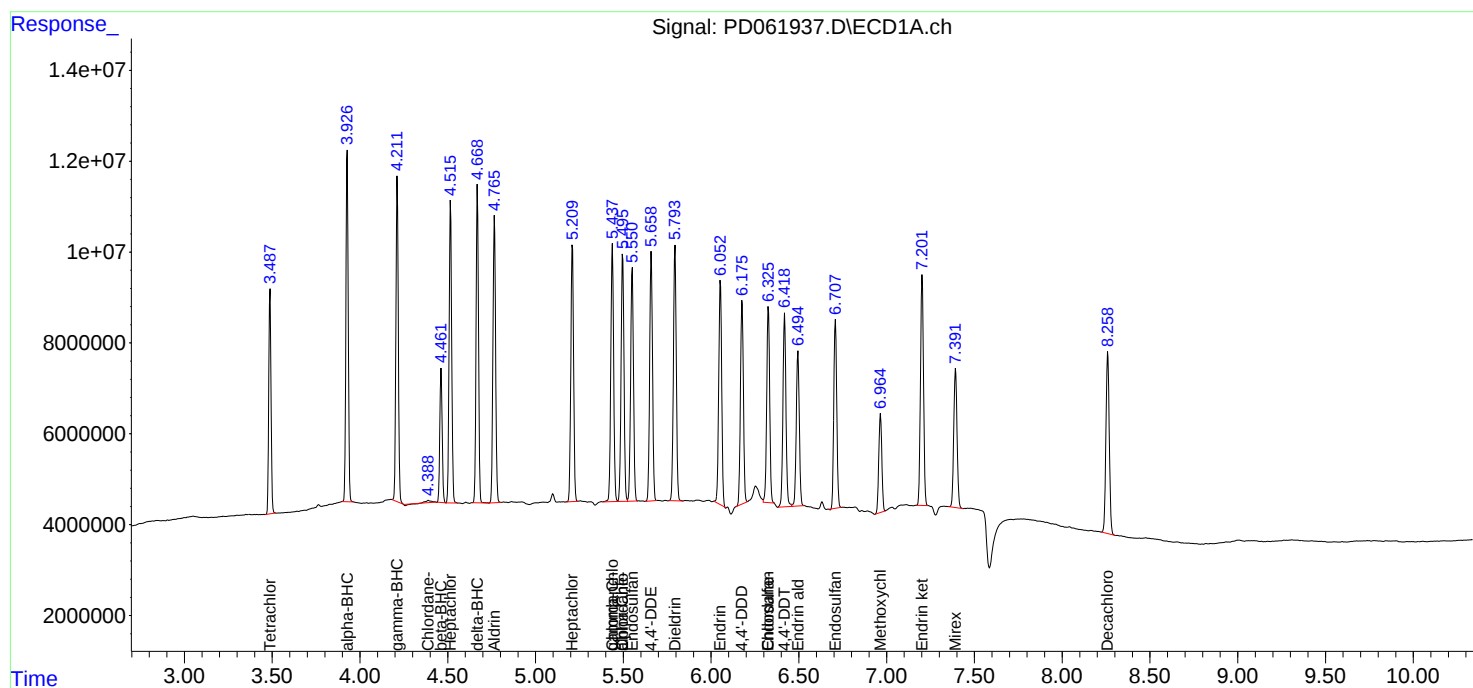
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

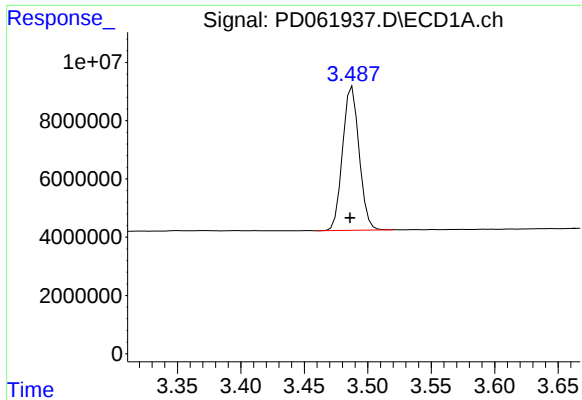
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033121\  
Data File : PD061937.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2021 16:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 05:18:42 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 2021  
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

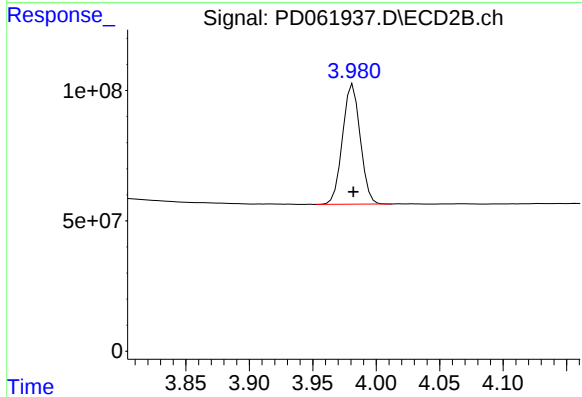




#1 Tetrachloro-m-xylene

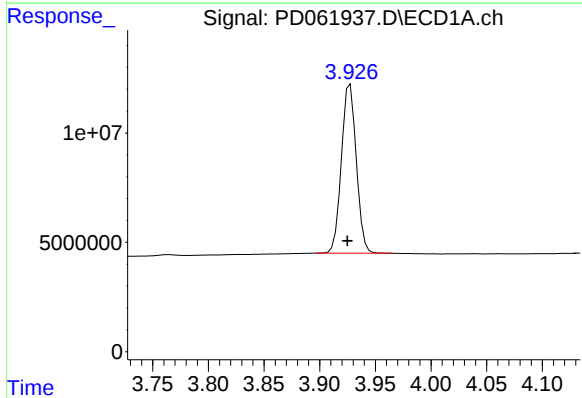
R.T.: 3.488 min  
Delta R.T.: 0.002 min  
Response: 44717459  
Conc: 53.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



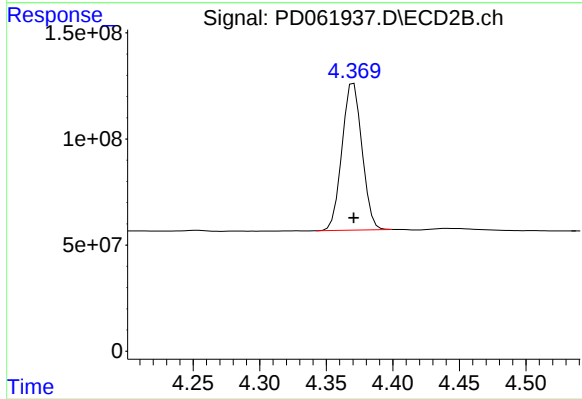
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 446393850  
Conc: 51.38 ng/ml



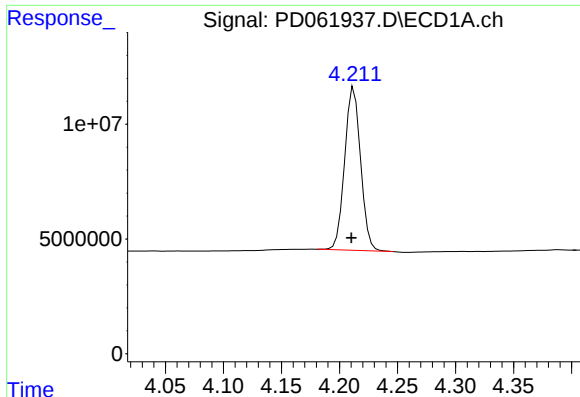
#2 alpha-BHC

R.T.: 3.927 min  
Delta R.T.: 0.002 min  
Response: 71843004  
Conc: 56.88 ng/ml



#2 alpha-BHC

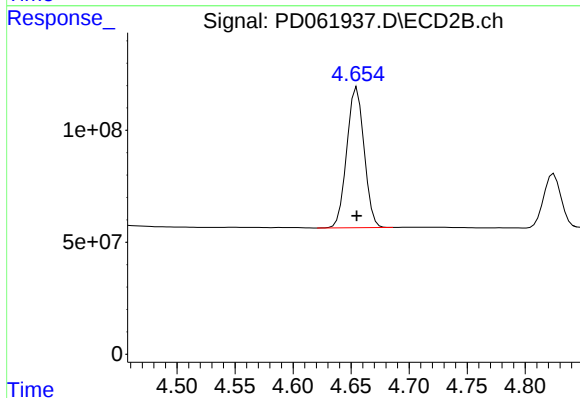
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 724929246  
Conc: 53.90 ng/ml



#3 gamma-BHC (Lindane)

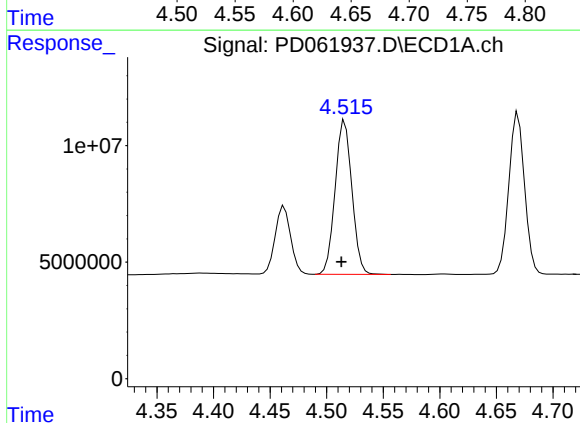
R.T.: 4.212 min  
Delta R.T.: 0.002 min  
Response: 67860902  
Conc: 57.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



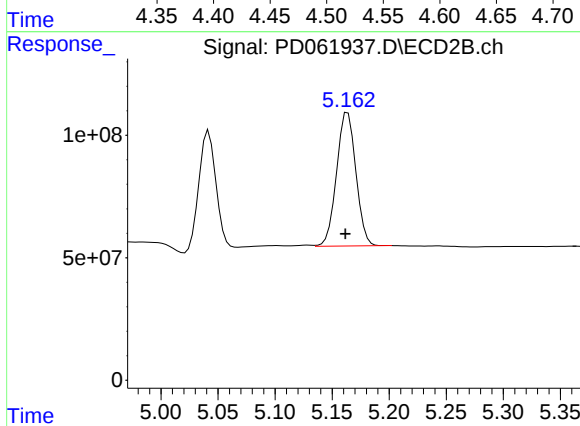
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 651323513  
Conc: 52.22 ng/ml



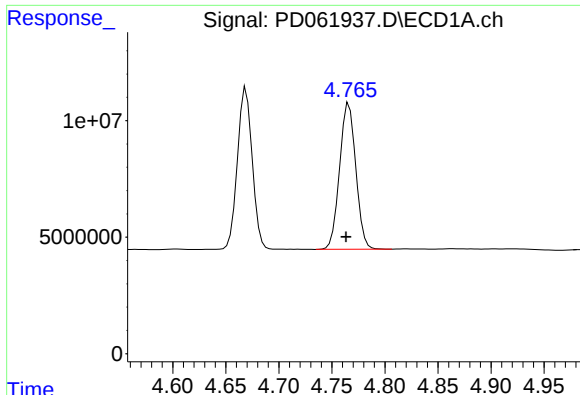
#4 Heptachlor

R.T.: 4.516 min  
Delta R.T.: 0.003 min  
Response: 68160250  
Conc: 58.55 ng/ml



#4 Heptachlor

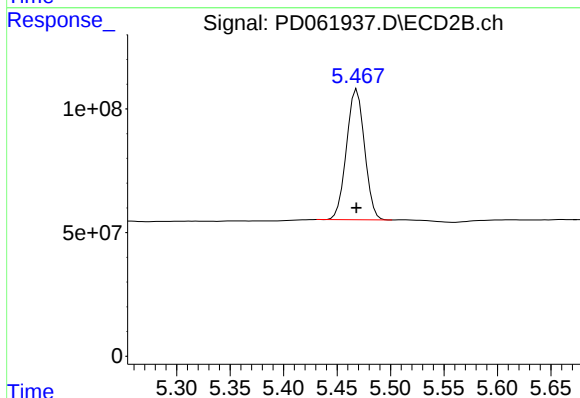
R.T.: 5.164 min  
Delta R.T.: 0.002 min  
Response: 643367503  
Conc: 49.37 ng/ml



#5 Aldrin

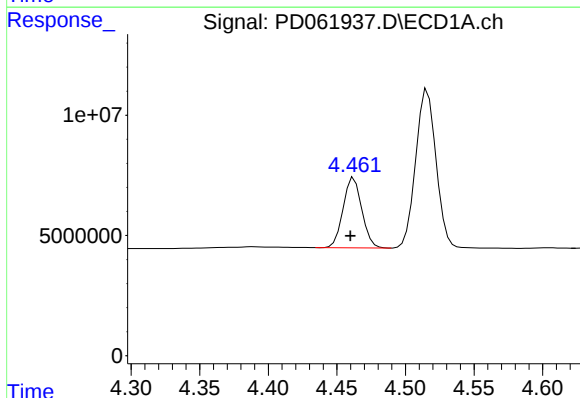
R.T.: 4.766 min  
Delta R.T.: 0.003 min  
Response: 66620505  
Conc: 55.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



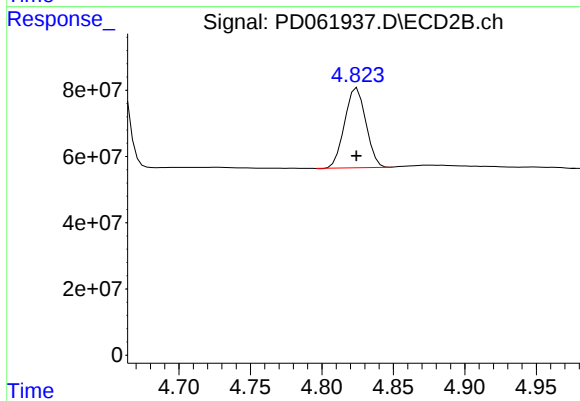
#5 Aldrin

R.T.: 5.469 min  
Delta R.T.: 0.000 min  
Response: 621345948  
Conc: 49.93 ng/ml



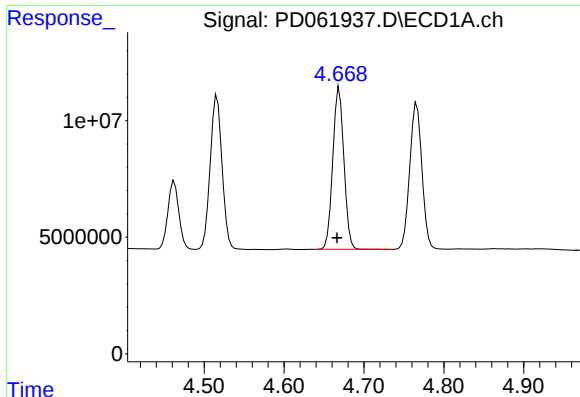
#6 beta-BHC

R.T.: 4.462 min  
Delta R.T.: 0.003 min  
Response: 27717263  
Conc: 50.83 ng/ml



#6 beta-BHC

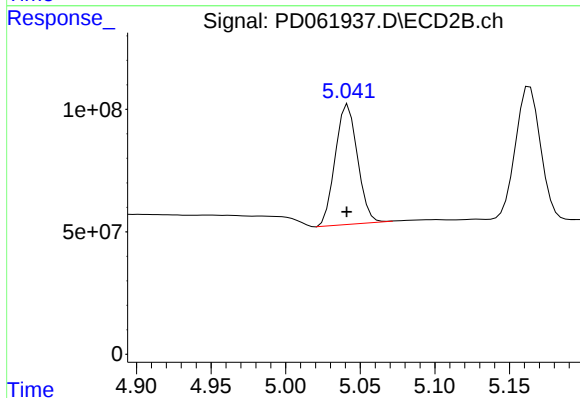
R.T.: 4.825 min  
Delta R.T.: 0.000 min  
Response: 249833342  
Conc: 48.37 ng/ml



#7 delta-BHC

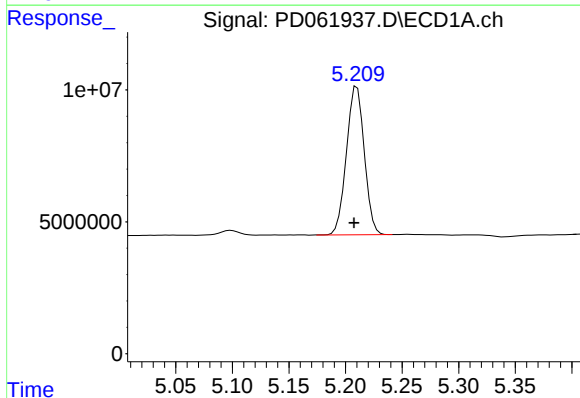
R.T.: 4.669 min  
Delta R.T.: 0.003 min  
Response: 67153100  
Conc: 55.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



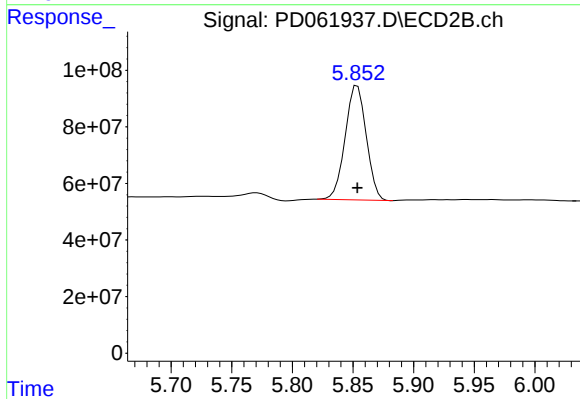
#7 delta-BHC

R.T.: 5.042 min  
Delta R.T.: 0.000 min  
Response: 505988104  
Conc: 38.25 ng/ml



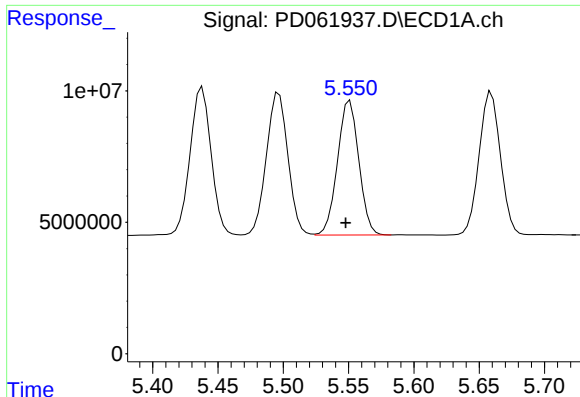
#8 Heptachlor epoxide

R.T.: 5.210 min  
Delta R.T.: 0.003 min  
Response: 61760101  
Conc: 53.88 ng/ml



#8 Heptachlor epoxide

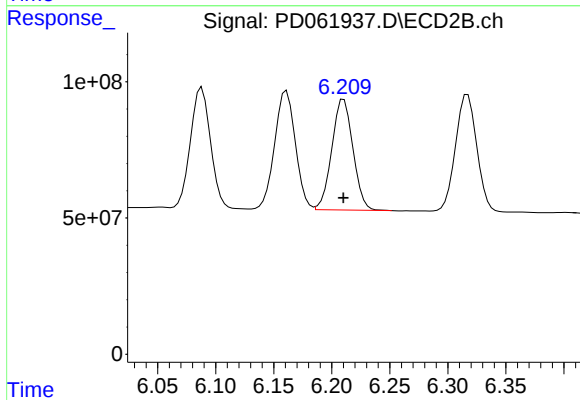
R.T.: 5.854 min  
Delta R.T.: 0.000 min  
Response: 489955122  
Conc: 41.38 ng/ml



#9 Endosulfan I

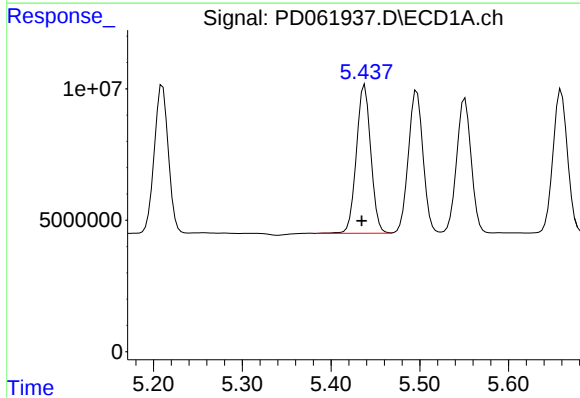
R.T.: 5.551 min  
Delta R.T.: 0.003 min  
Response: 58136731  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



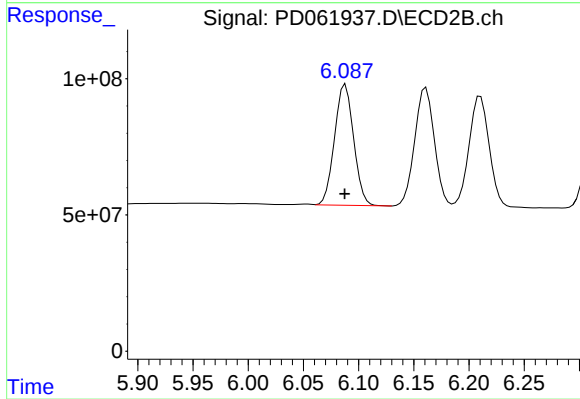
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 515914369  
Conc: 47.59 ng/ml



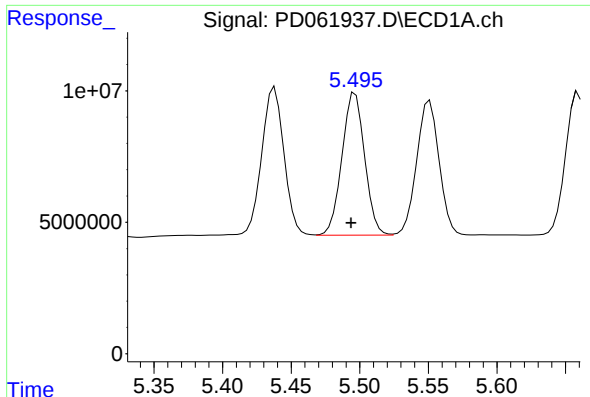
#10 gamma-Chlordane

R.T.: 5.438 min  
Delta R.T.: 0.003 min  
Response: 63626513  
Conc: 54.32 ng/ml



#10 gamma-Chlordane

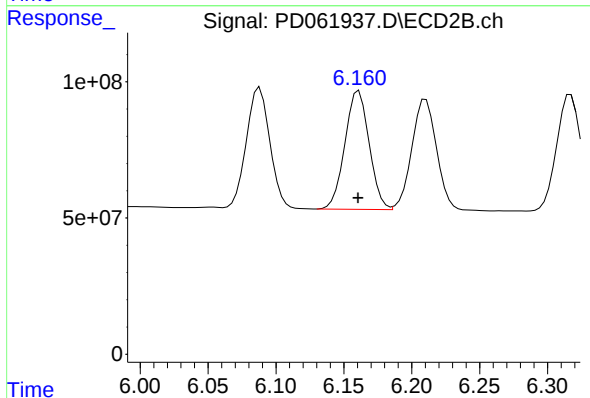
R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 534684182  
Conc: 45.10 ng/ml



#11 alpha-Chlordane

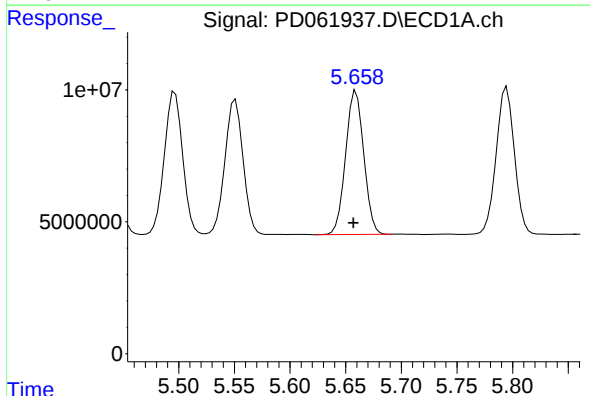
R.T.: 5.497 min  
Delta R.T.: 0.003 min  
Response: 62182616  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



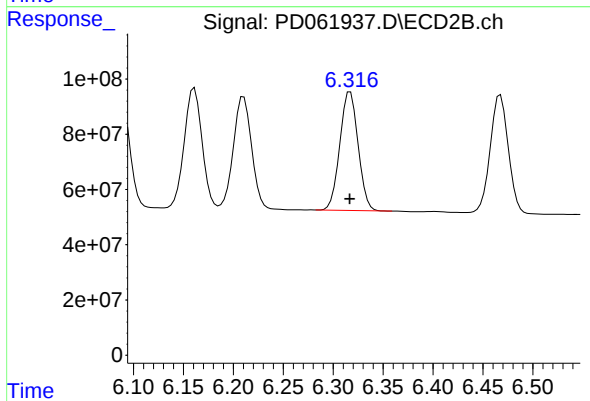
#11 alpha-Chlordane

R.T.: 6.161 min  
Delta R.T.: 0.000 min  
Response: 541756844  
Conc: 47.52 ng/ml



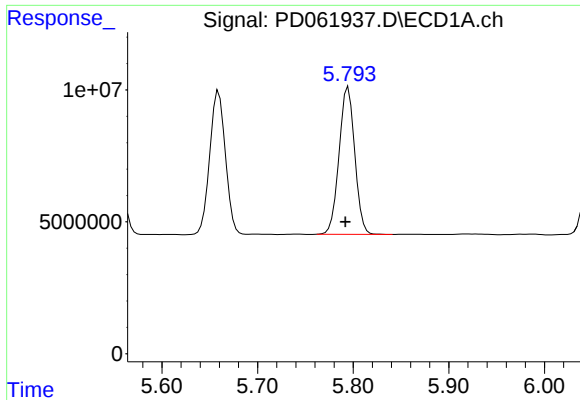
#12 4,4'-DDE

R.T.: 5.659 min  
Delta R.T.: 0.003 min  
Response: 61783497  
Conc: 54.98 ng/ml



#12 4,4'-DDE

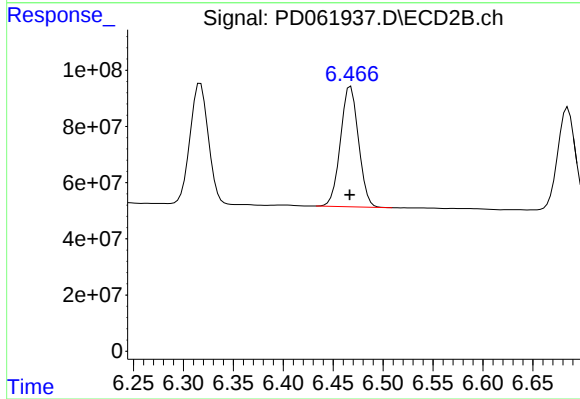
R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 545988645  
Conc: 47.38 ng/ml



#13 Dieldrin

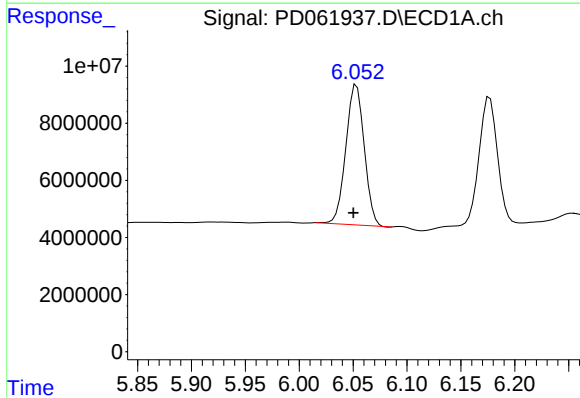
R.T.: 5.795 min  
Delta R.T.: 0.003 min  
Response: 63701335  
Conc: 55.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



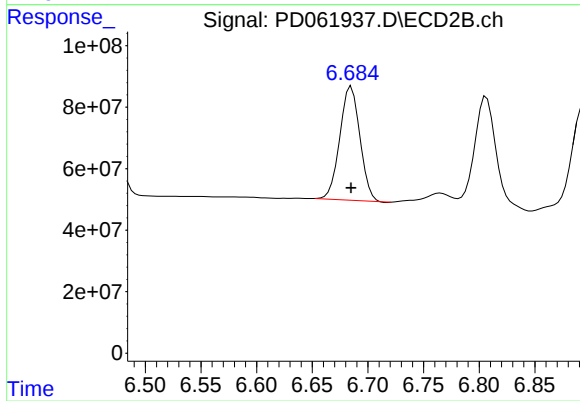
#13 Dieldrin

R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 538900956  
Conc: 46.69 ng/ml



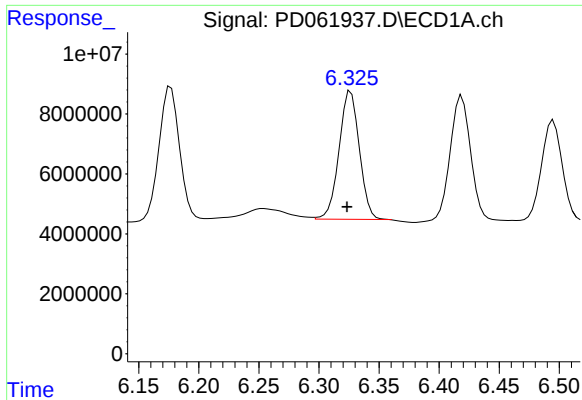
#14 Endrin

R.T.: 6.053 min  
Delta R.T.: 0.003 min  
Response: 58156763  
Conc: 56.60 ng/ml



#14 Endrin

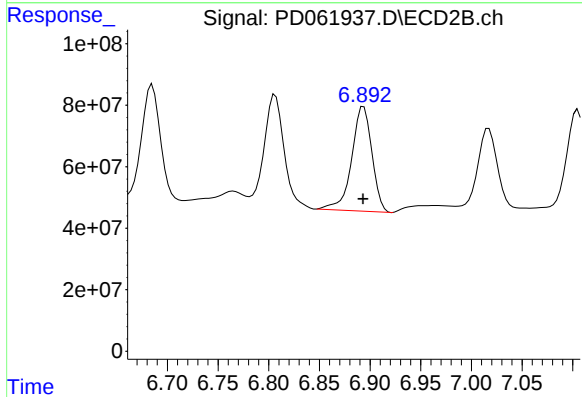
R.T.: 6.685 min  
Delta R.T.: 0.000 min  
Response: 463795373  
Conc: 46.87 ng/ml



#15 Endosulfan II

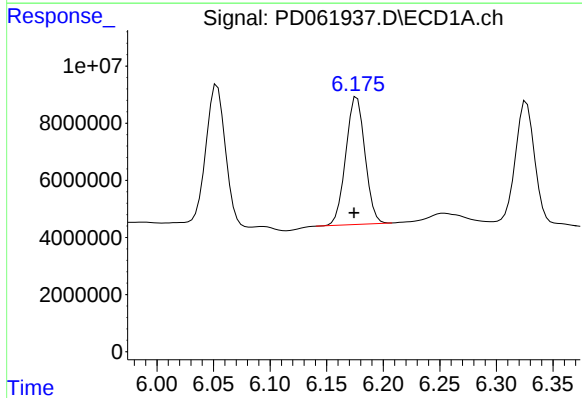
R.T.: 6.327 min  
Delta R.T.: 0.003 min  
Response: 50419663  
Conc: 49.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



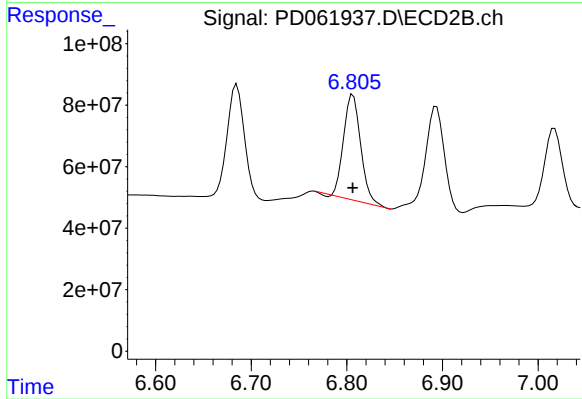
#15 Endosulfan II

R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 473851642  
Conc: 49.91 ng/ml



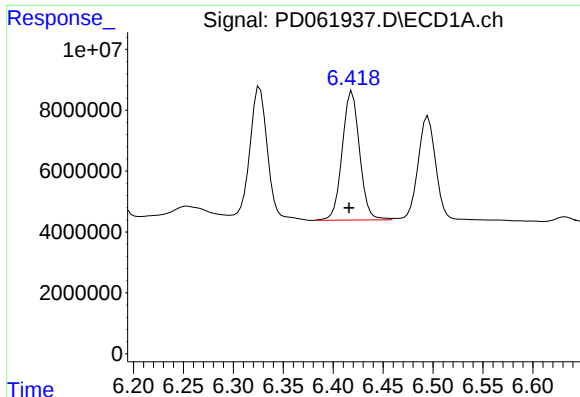
#16 4,4'-DDD

R.T.: 6.177 min  
Delta R.T.: 0.003 min  
Response: 52587326  
Conc: 56.51 ng/ml



#16 4,4'-DDD

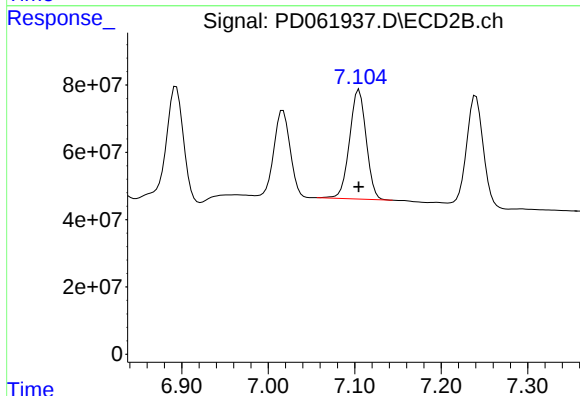
R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 418912856  
Conc: 44.24 ng/ml



#17 4,4'-DDT

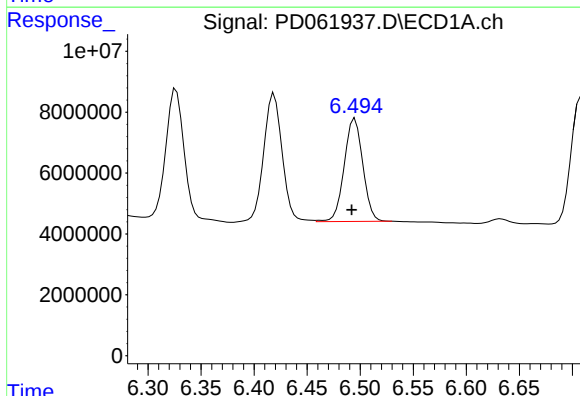
R.T.: 6.419 min  
Delta R.T.: 0.003 min  
Response: 51312435  
Conc: 56.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



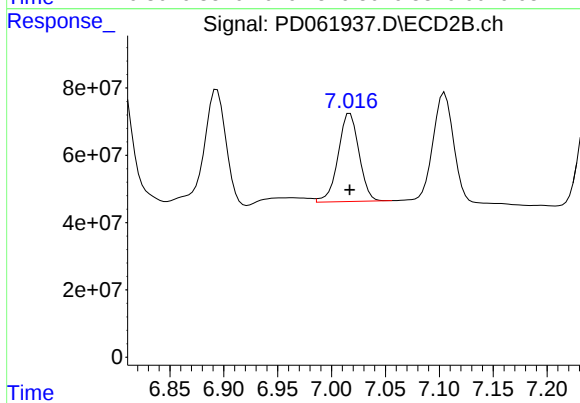
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: 0.000 min  
Response: 433137525  
Conc: 45.35 ng/ml



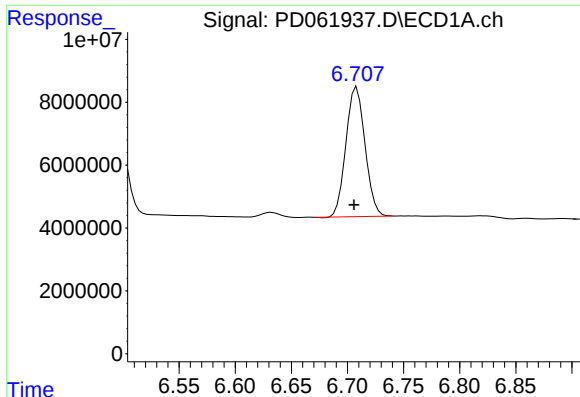
#18 Endrin aldehyde

R.T.: 6.495 min  
Delta R.T.: 0.003 min  
Response: 41289067  
Conc: 48.33 ng/ml



#18 Endrin aldehyde

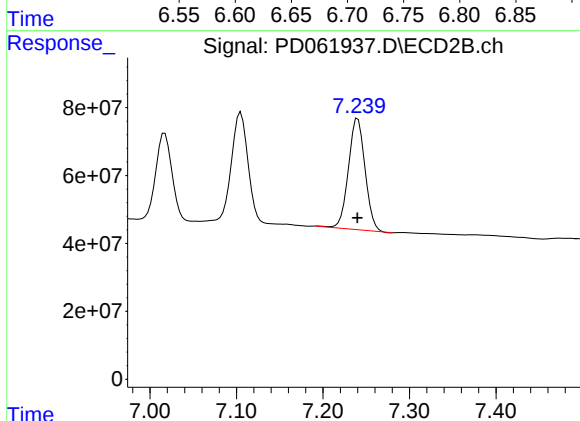
R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 354377931  
Conc: 45.06 ng/ml



#19 Endosulfan Sulfate

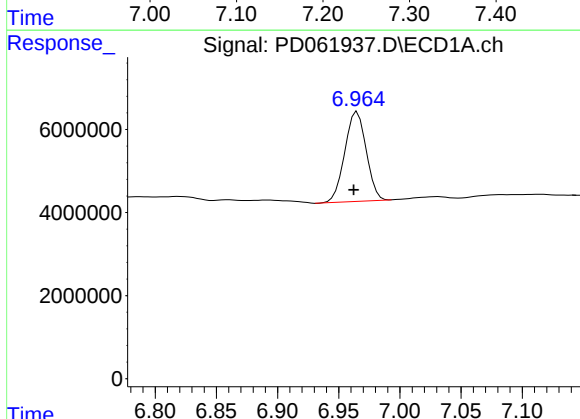
R.T.: 6.708 min  
Delta R.T.: 0.002 min  
Response: 48823535  
Conc: 45.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



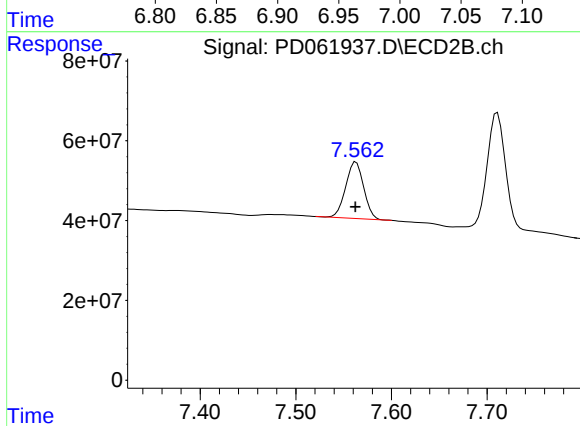
#19 Endosulfan Sulfate

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 434090059  
Conc: 43.31 ng/ml



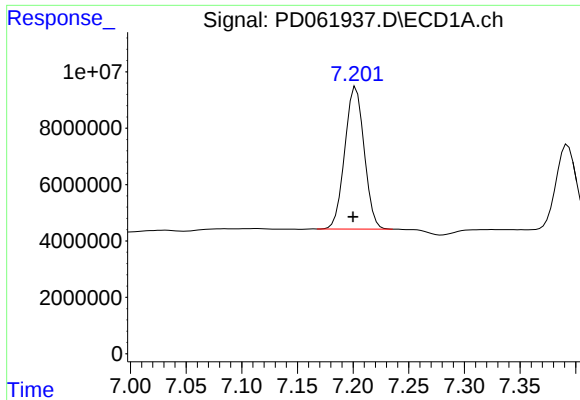
#20 Methoxychlor

R.T.: 6.965 min  
Delta R.T.: 0.003 min  
Response: 26301101  
Conc: 55.66 ng/ml



#20 Methoxychlor

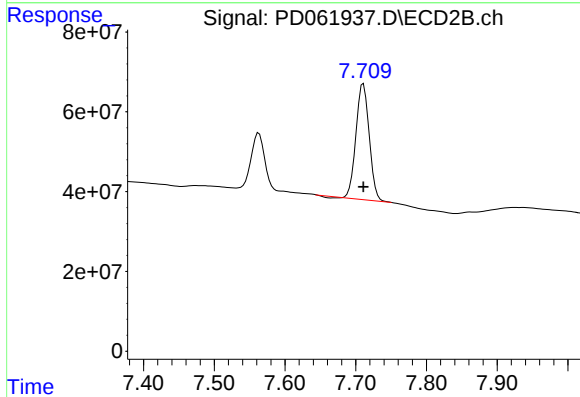
R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 185061884  
Conc: 41.05 ng/ml



#21 Endrin ketone

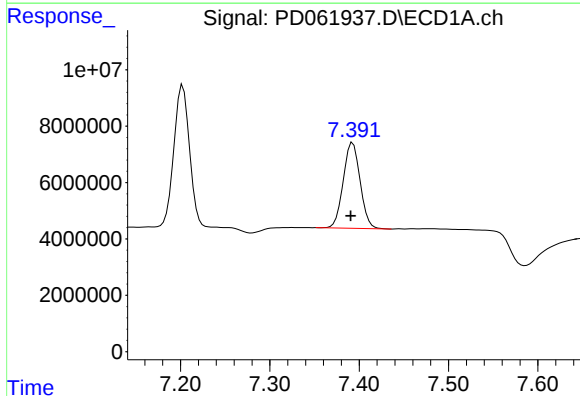
R.T.: 7.203 min  
Delta R.T.: 0.003 min  
Response: 61117992  
Conc: 47.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



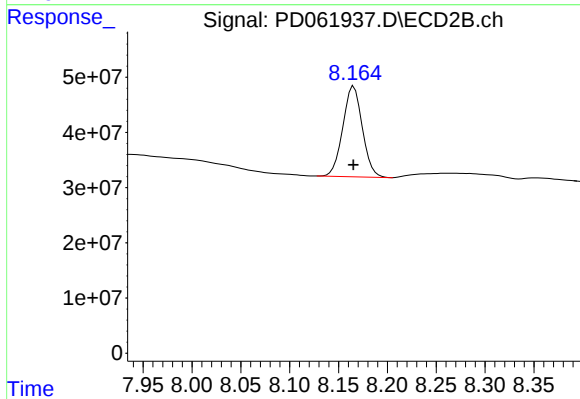
#21 Endrin ketone

R.T.: 7.711 min  
Delta R.T.: 0.000 min  
Response: 375333379  
Conc: 37.01 ng/ml



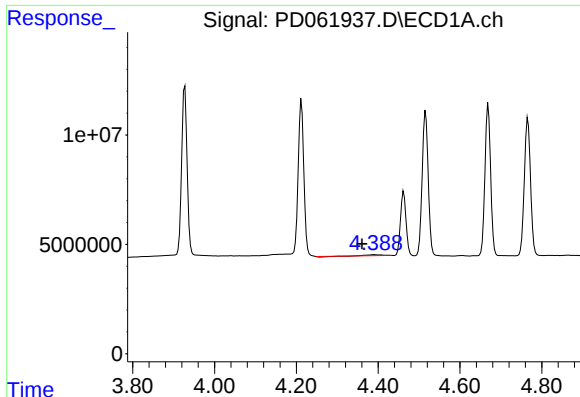
#22 Mirex

R.T.: 7.393 min  
Delta R.T.: 0.002 min  
Response: 39823054  
Conc: 47.20 ng/ml



#22 Mirex

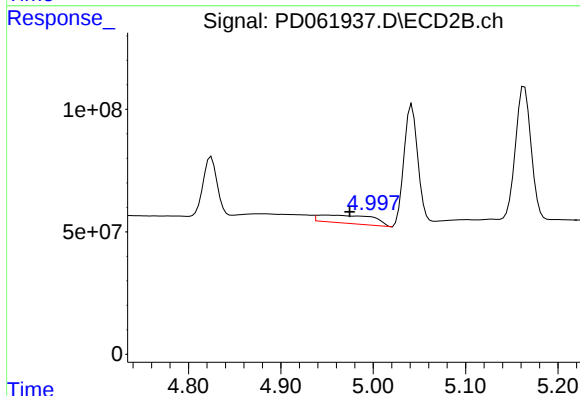
R.T.: 8.166 min  
Delta R.T.: 0.000 min  
Response: 228656081  
Conc: 35.48 ng/ml



#23 Chlordane-1

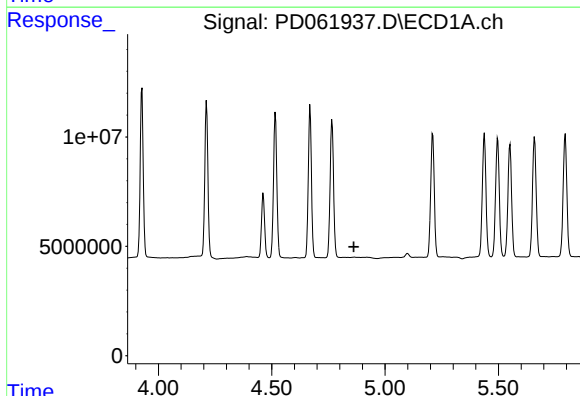
R.T.: 4.390 min  
Delta R.T.: 0.029 min  
Response: 715081  
Conc: 22.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



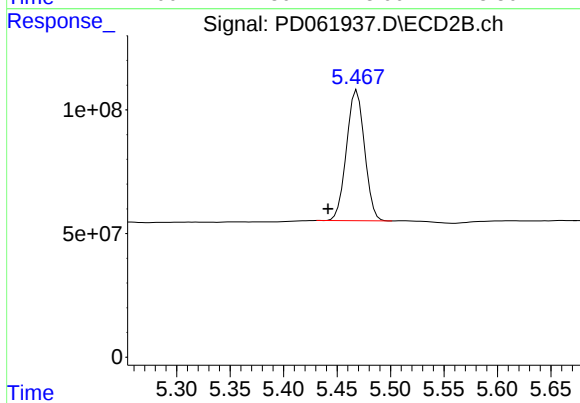
#23 Chlordane-1

R.T.: 4.949 min  
Delta R.T.: -0.026 min  
Response: 134342898  
Conc: 346.29 ng/ml



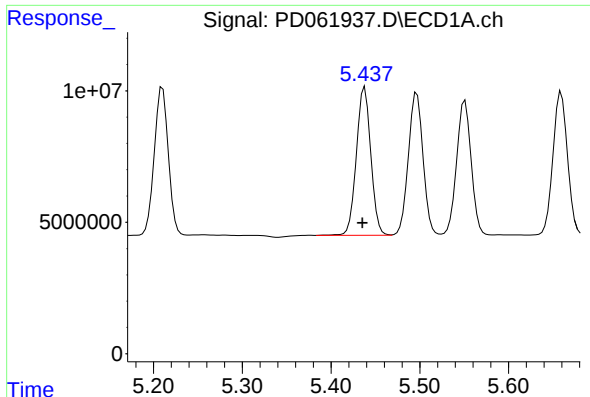
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.862 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

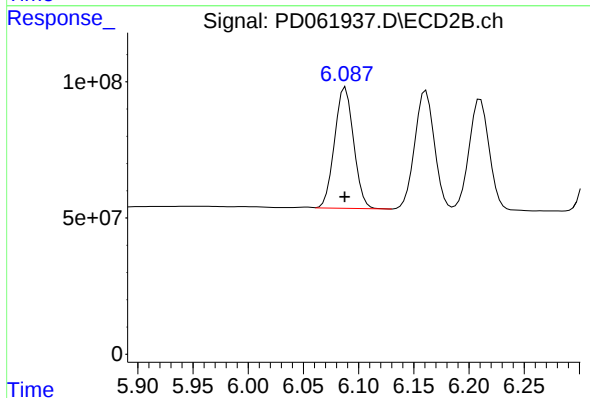
R.T.: 5.469 min  
Delta R.T.: 0.027 min  
Response: 621345948  
Conc: 1619.29 ng/ml



#25 Chlordane-3

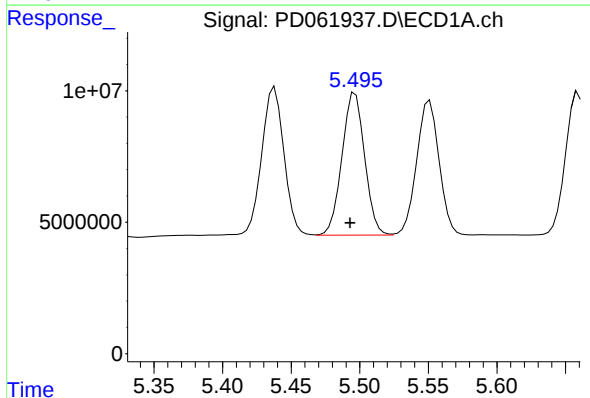
R.T.: 5.438 min  
Delta R.T.: 0.003 min  
Response: 63626513  
Conc: 548.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



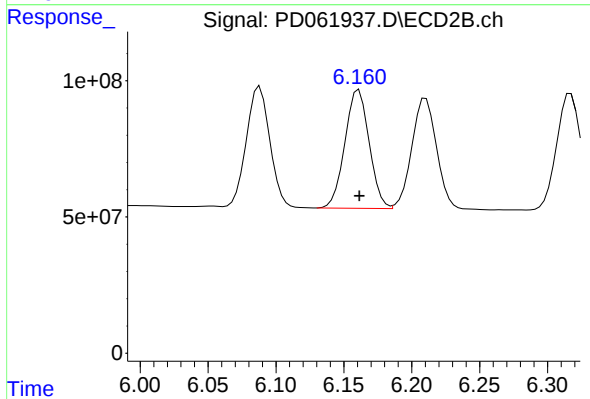
#25 Chlordane-3

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 534684182  
Conc: 322.54 ng/ml



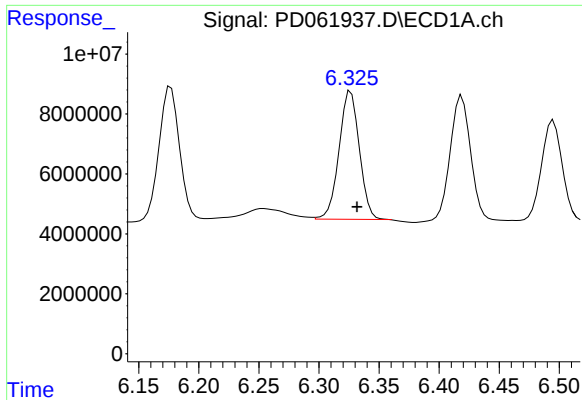
#26 Chlordane-4

R.T.: 5.497 min  
Delta R.T.: 0.004 min  
Response: 62182616  
Conc: 646.34 ng/ml



#26 Chlordane-4

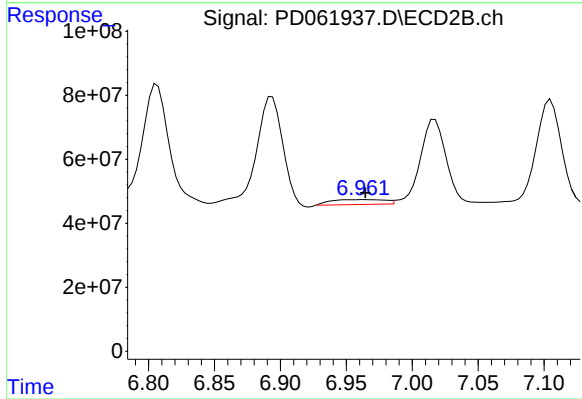
R.T.: 6.161 min  
Delta R.T.: 0.000 min  
Response: 541756844  
Conc: 282.32 ng/ml



#27 Chlordane-5

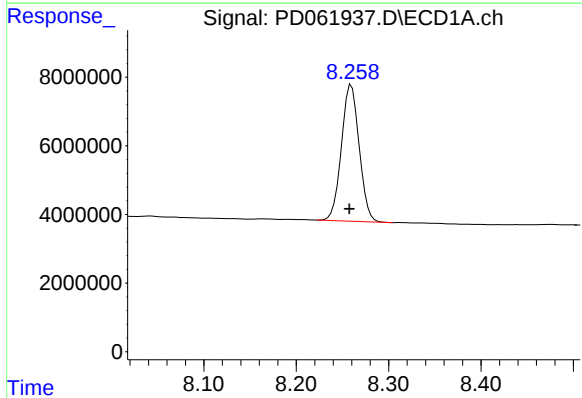
R.T.: 6.327 min  
Delta R.T.: -0.005 min  
Response: 50419663  
Conc: 1145.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



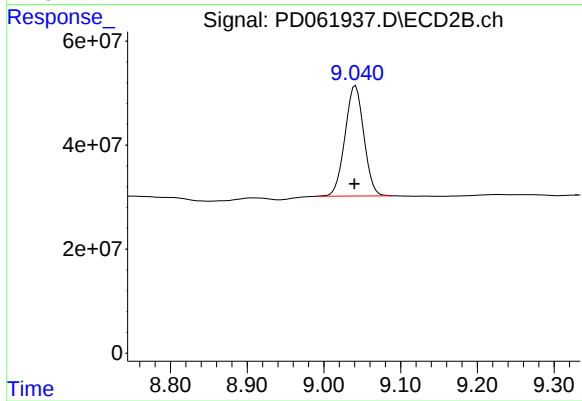
#27 Chlordane-5

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 43909009  
Conc: 121.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.260 min  
Delta R.T.: 0.002 min  
Response: 53003372  
Conc: 43.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.041 min  
Delta R.T.: 0.001 min  
Response: 364840309  
Conc: 38.65 ng/ml