

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050525\  
 Data File : PD088418.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 11:21  
 Operator : AR\AJ  
 Sample : Q1929-03MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 WC-A4-02-CMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 06 01:41:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.550  | 2.882  | 37793054 | 230.3E6  | 18.921   | 15.752    |
| 28)                         | SA Decachlor... | 9.072  | 8.074  | 73808903 | 371.7E6  | 22.312   | 20.116    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.000  | 3.394  | 233.2E6  | 1084.2E6 | 54.074   | 47.426    |
| 3)                          | MA gamma-BHC... | 4.330  | 3.731  | 231.0E6  | 966.8E6  | 55.169   | 44.886    |
| 4)                          | MA Heptachlor   | 4.930  | 4.085  | 221.2E6  | 1025.9E6 | 54.757   | 47.941    |
| 5)                          | MB Aldrin       | 5.271  | 4.370  | 222.9E6  | 996.9E6  | 56.444   | 47.922    |
| 6)                          | B beta-BHC      | 4.515  | 4.026  | 72669818 | 505.7E6  | 44.764   | 54.649    |
| 7)                          | B delta-BHC     | 4.763  | 4.263  | 222.6E6  | 966.0E6  | 53.971   | 45.432    |
| 8)                          | B Heptachlo...  | 5.690  | 4.874  | 202.8E6  | 925.6E6  | 56.756   | 48.988    |
| 9)                          | A Endosulfan I  | 6.074  | 5.248  | 146.2E6  | 650.9E6  | 43.296   | 36.135    |
| 10)                         | B gamma-Chl...  | 5.946  | 5.127  | 207.1E6  | 998.8E6  | 57.186   | 49.214    |
| 11)                         | B alpha-Chl...  | 6.027  | 5.191  | 205.8E6  | 958.6E6  | 57.022   | 48.901    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.377  | 180.3E6  | 950.1E6  | 54.660   | 48.243    |
| 13)                         | MA Dieldrin     | 6.347  | 5.515  | 209.0E6  | 997.7E6  | 58.570   | 50.051    |
| 14)                         | MA Endrin       | 6.574  | 5.790  | 169.4E6  | 876.2E6  | 56.788   | 48.139    |
| 15)                         | B Endosulfa...  | 6.785  | 6.081  | 100.2E6  | 523.8E6  | 32.066   | 29.894    |
| 16)                         | A 4,4'-DDD      | 6.704  | 5.930  | 150.4E6  | 982.6E6  | 59.809   | 59.966    |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.185  | 140.9E6  | 780.6E6  | 50.746   | 45.871    |
| 18)                         | B Endrin al...  | 6.914  | 6.260  | 132.4E6  | 655.3E6  | 57.347   | 49.267    |
| 19)                         | B Endosulfa...  | 7.148  | 6.483  | 164.9E6  | 833.1E6  | 57.349   | 48.626    |
| 20)                         | A Methoxychlor  | 7.492  | 6.756  | 76517867 | 404.9E6  | 51.027   | 44.391    |
| 21)                         | B Endrin ke...  | 7.629  | 6.992  | 176.8E6  | 921.6E6  | 57.272   | 49.272    |
| 22)                         | Mirex           | 8.113  | 7.186  | 128.0E6  | 699.6E6  | 54.501   | 47.206    |
| 23)                         | Chlordane-1     | 4.701  | 3.904  | -390983  | 99457707 | N.D.     | 124.058   |
| 24)                         | Chlordane-2     | 5.271f | 4.517f | 222.9E6  | 105.9E6  | 1338.682 | 128.311 # |
| 25)                         | Chlordane-3     | 5.946  | 5.127  | 207.1E6  | 998.8E6  | 307.076  | 394.951 # |
| 26)                         | Chlordane-4     | 6.027  | 5.191  | 205.8E6  | 958.6E6  | 252.443  | 448.325 # |
| 27)                         | Chlordane-5     | 0.000  | 6.081  | 0        | 523.8E6  | N.D.     | 542.489 # |
| -----                       |                 |        |        |          |          |          |           |

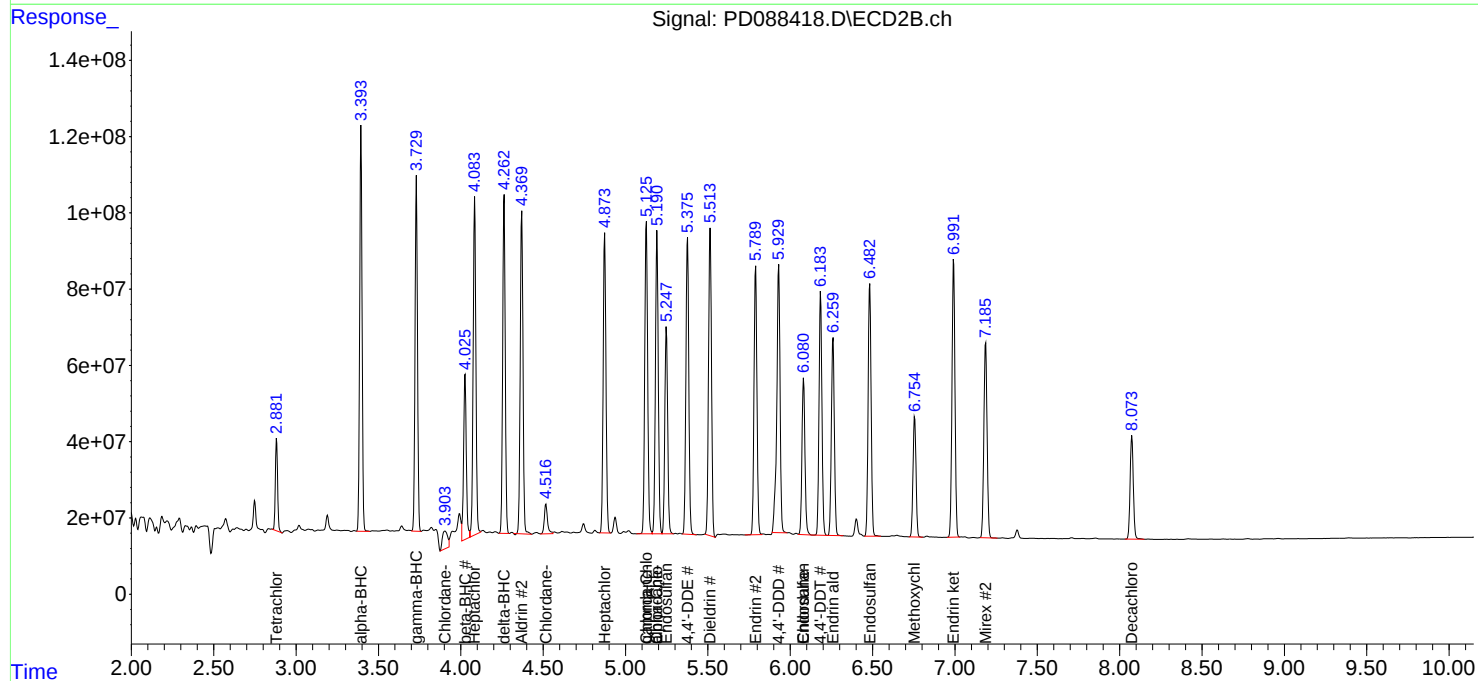
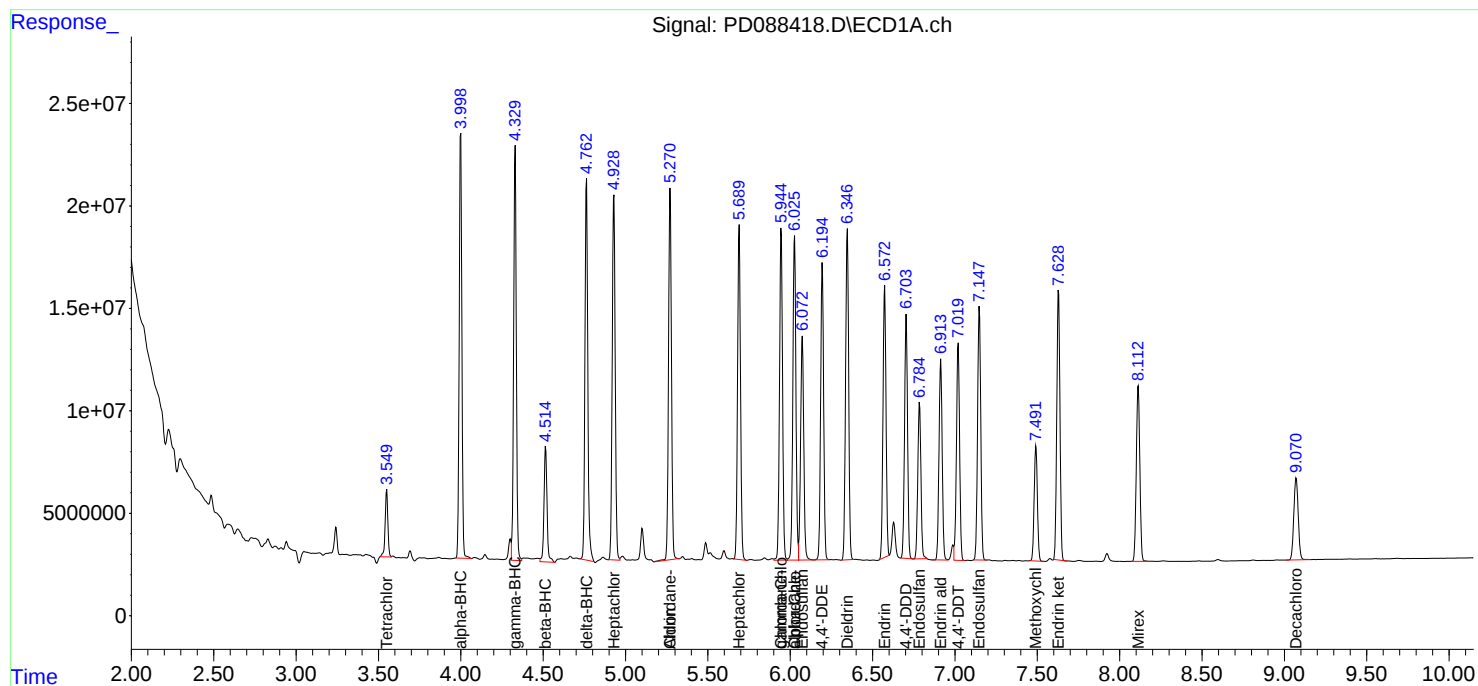
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

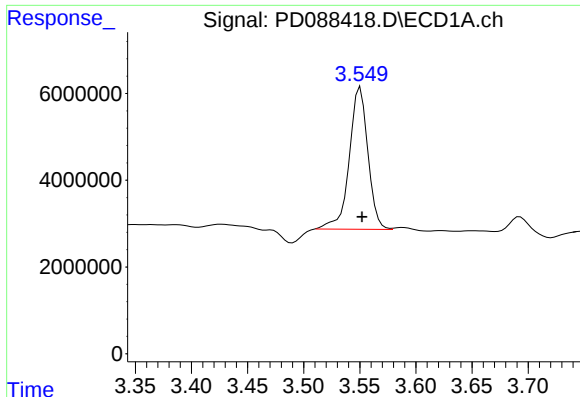
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050525\  
Data File : PD088418.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 11:21  
Operator : AR\AJ  
Sample : Q1929-03MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:41:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

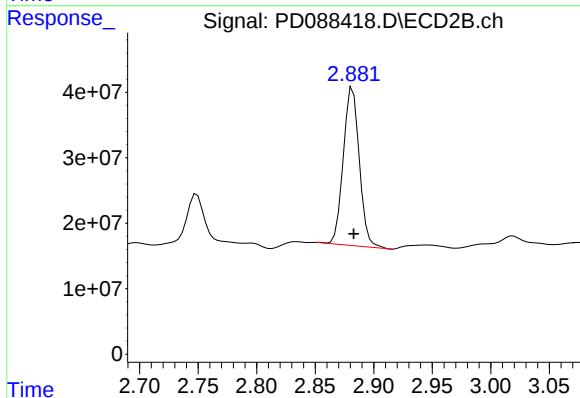




#1 Tetrachloro-m-xylene

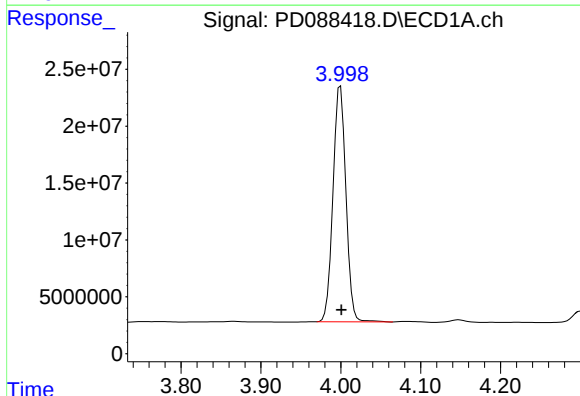
R.T.: 3.550 min  
Delta R.T.: -0.002 min  
Response: 37793054  
Conc: 18.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



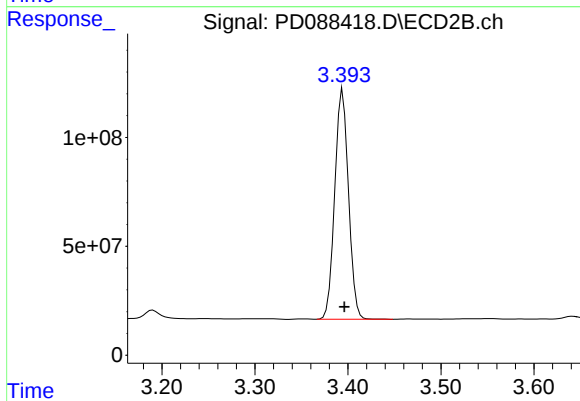
#1 Tetrachloro-m-xylene

R.T.: 2.882 min  
Delta R.T.: 0.000 min  
Response: 230325895  
Conc: 15.75 ng/ml



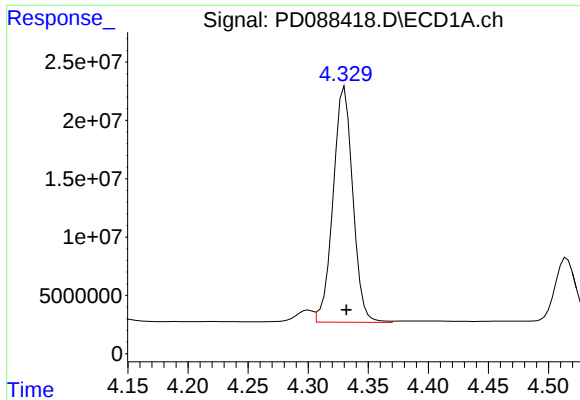
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: -0.001 min  
Response: 233167299  
Conc: 54.07 ng/ml



#2 alpha-BHC

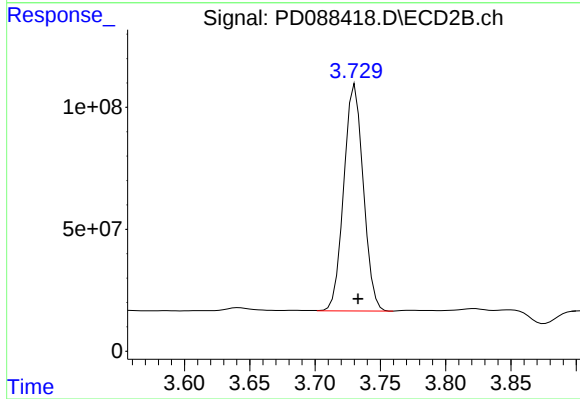
R.T.: 3.394 min  
Delta R.T.: -0.002 min  
Response: 1084240314  
Conc: 47.43 ng/ml



#3 gamma-BHC (Lindane)

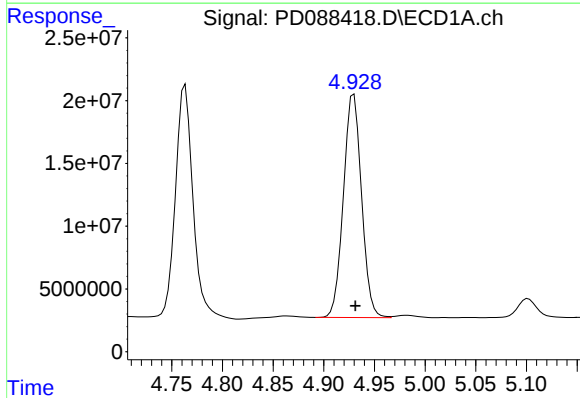
R.T.: 4.330 min  
Delta R.T.: -0.001 min  
Response: 231022016  
Conc: 55.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



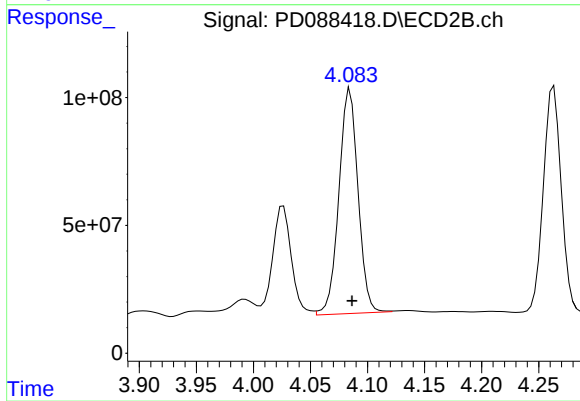
#3 gamma-BHC (Lindane)

R.T.: 3.731 min  
Delta R.T.: -0.002 min  
Response: 966784992  
Conc: 44.89 ng/ml



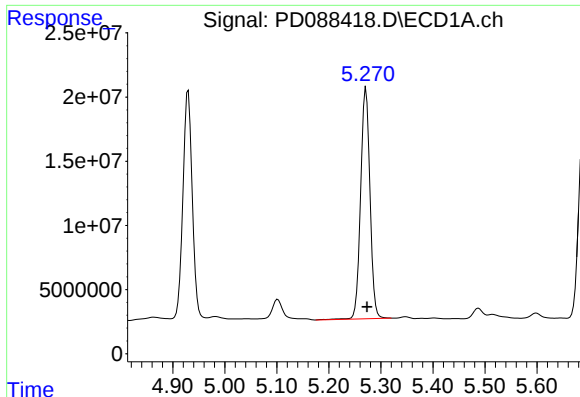
#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: -0.002 min  
Response: 221160407  
Conc: 54.76 ng/ml



#4 Heptachlor

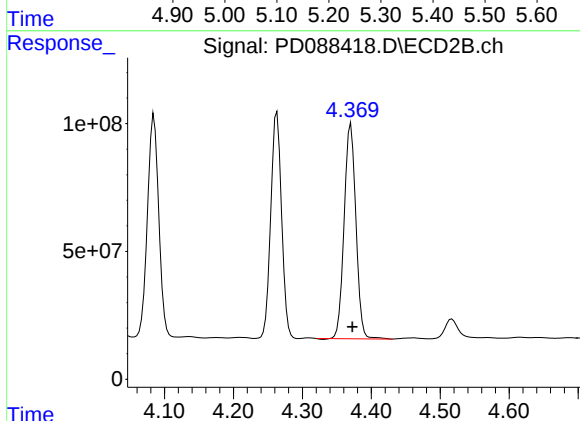
R.T.: 4.085 min  
Delta R.T.: -0.002 min  
Response: 1025853986  
Conc: 47.94 ng/ml



#5 Aldrin

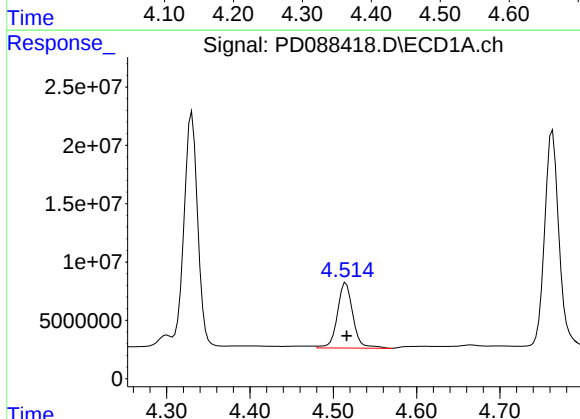
R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 222929073  
Conc: 56.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



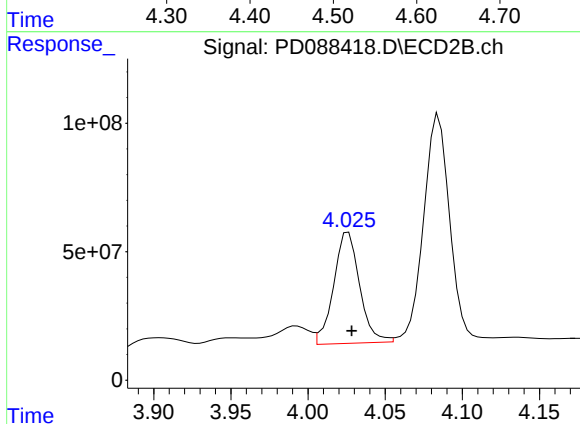
#5 Aldrin

R.T.: 4.370 min  
Delta R.T.: -0.002 min  
Response: 996903056  
Conc: 47.92 ng/ml



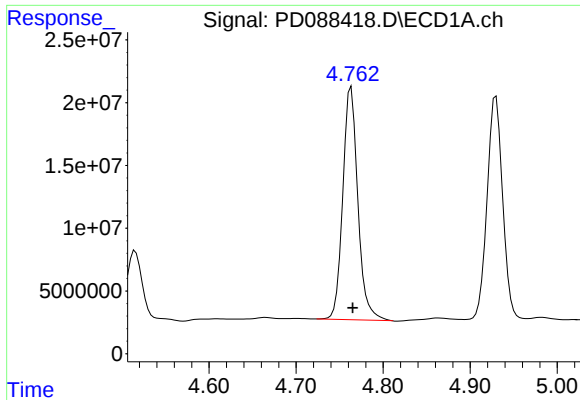
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 72669818  
Conc: 44.76 ng/ml



#6 beta-BHC

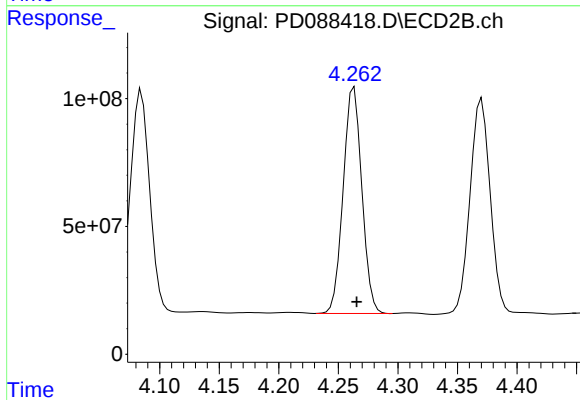
R.T.: 4.026 min  
Delta R.T.: -0.002 min  
Response: 505728613  
Conc: 54.65 ng/ml



#7 delta-BHC

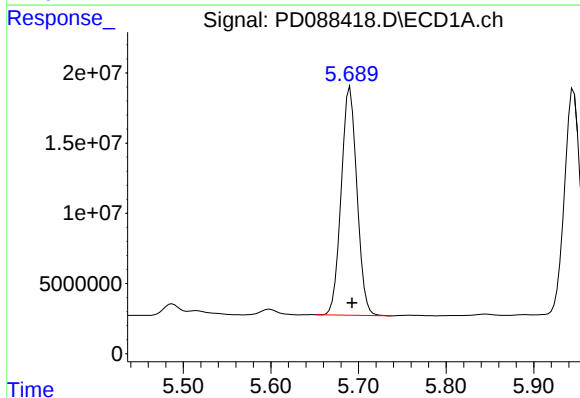
R.T.: 4.763 min  
Delta R.T.: -0.002 min  
Response: 222628909  
Conc: 53.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



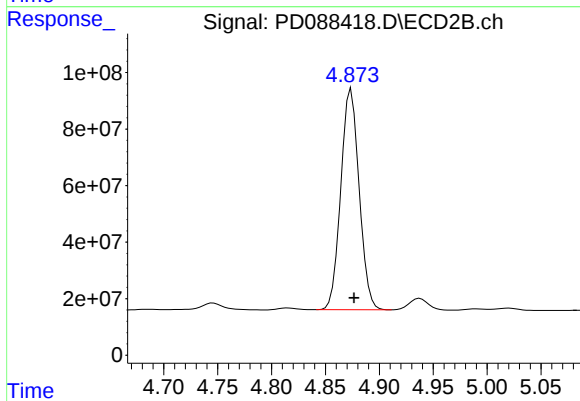
#7 delta-BHC

R.T.: 4.263 min  
Delta R.T.: -0.002 min  
Response: 965951209  
Conc: 45.43 ng/ml



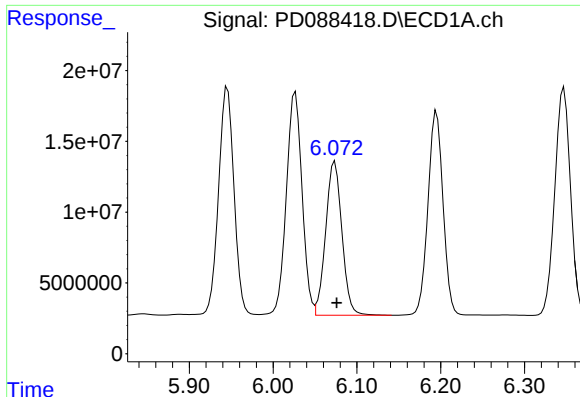
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.002 min  
Response: 202842393  
Conc: 56.76 ng/ml



#8 Heptachlor epoxide

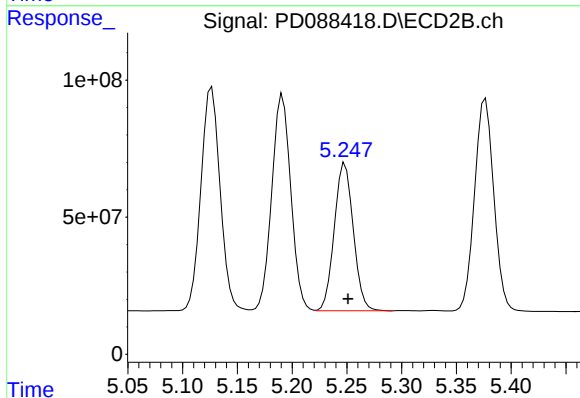
R.T.: 4.874 min  
Delta R.T.: -0.003 min  
Response: 925598835  
Conc: 48.99 ng/ml



#9 Endosulfan I

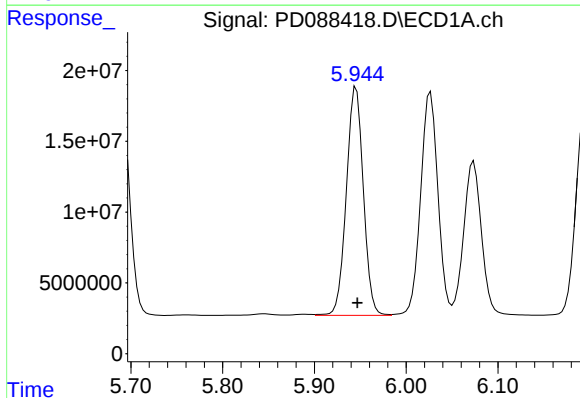
R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 146215773  
Conc: 43.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



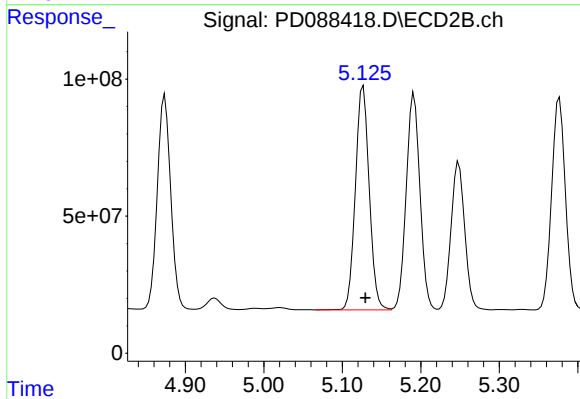
#9 Endosulfan I

R.T.: 5.248 min  
Delta R.T.: -0.003 min  
Response: 650875325  
Conc: 36.13 ng/ml



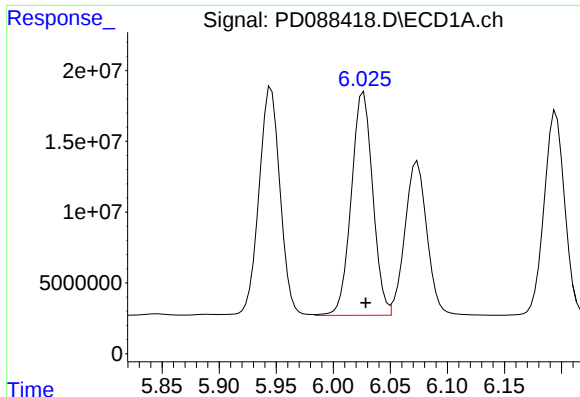
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.002 min  
Response: 207131705  
Conc: 57.19 ng/ml



#10 gamma-Chlordane

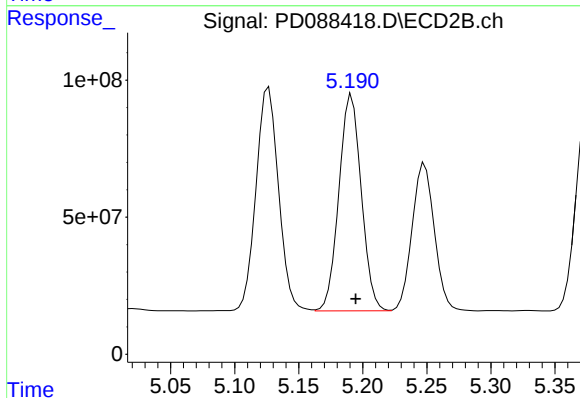
R.T.: 5.127 min  
Delta R.T.: -0.003 min  
Response: 998846865  
Conc: 49.21 ng/ml



#11 alpha-Chlordane

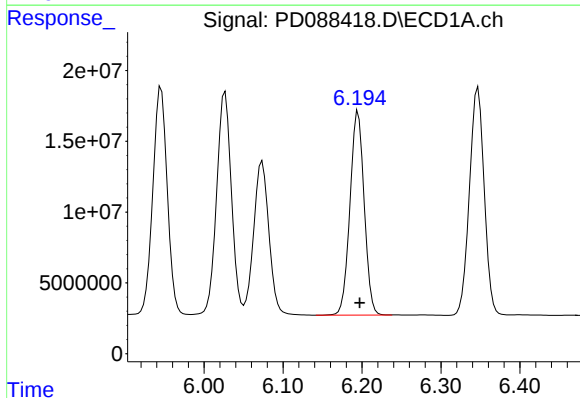
R.T.: 6.027 min  
Delta R.T.: -0.002 min  
Response: 205823482  
Conc: 57.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



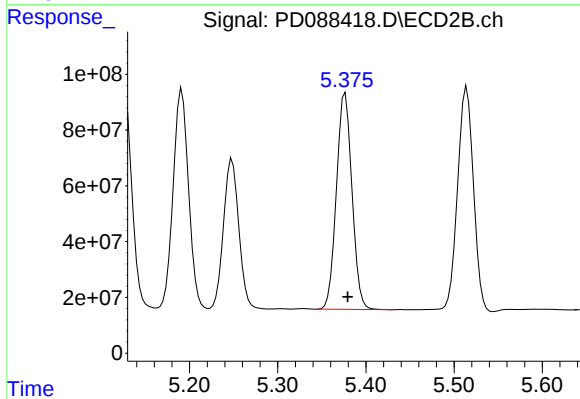
#11 alpha-Chlordane

R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 958588245  
Conc: 48.90 ng/ml



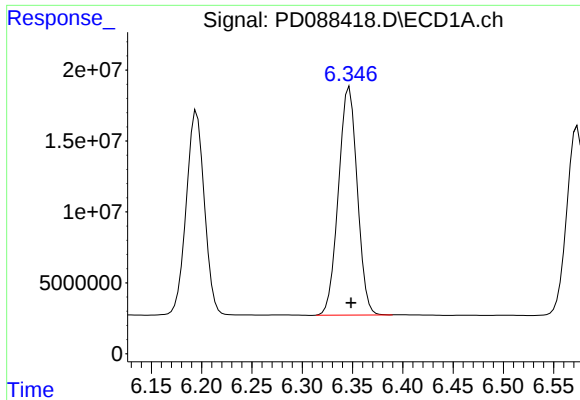
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.002 min  
Response: 180280964  
Conc: 54.66 ng/ml



#12 4,4'-DDE

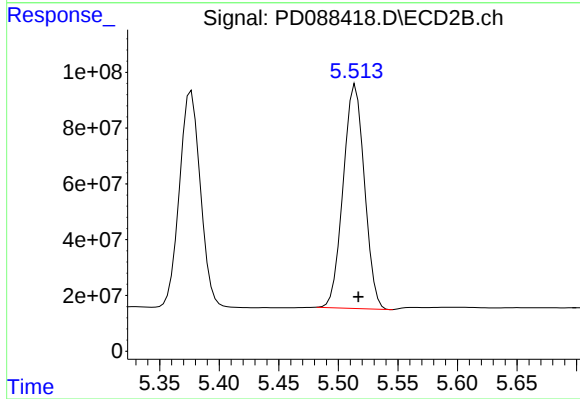
R.T.: 5.377 min  
Delta R.T.: -0.003 min  
Response: 950095472  
Conc: 48.24 ng/ml



#13 Dieldrin

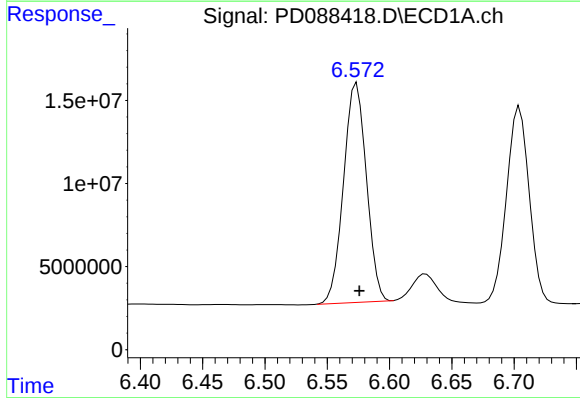
R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 209007757  
Conc: 58.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



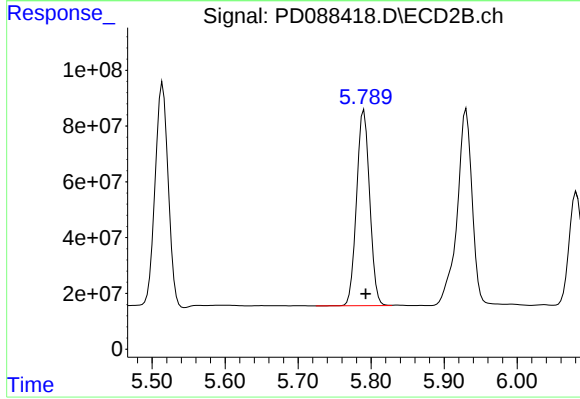
#13 Dieldrin

R.T.: 5.515 min  
Delta R.T.: -0.002 min  
Response: 997652611  
Conc: 50.05 ng/ml



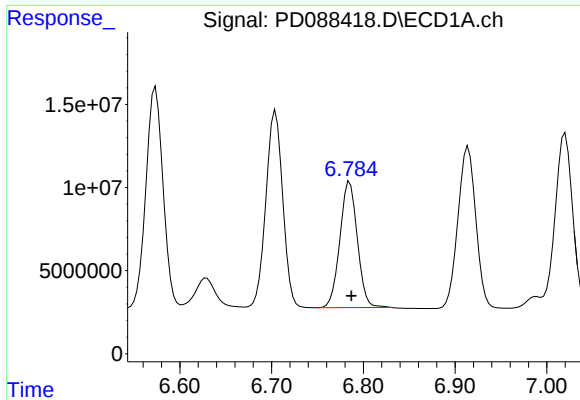
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: -0.002 min  
Response: 169375253  
Conc: 56.79 ng/ml



#14 Endrin

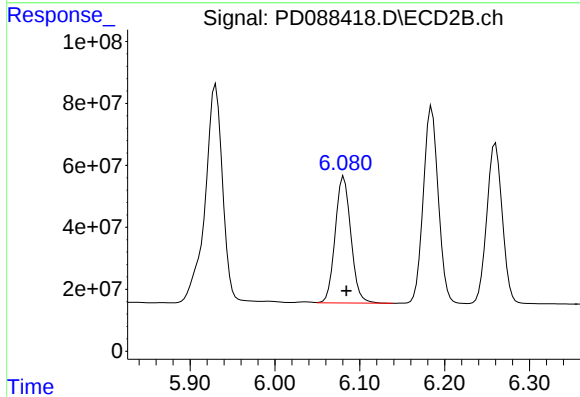
R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 876237642  
Conc: 48.14 ng/ml



#15 Endosulfan II

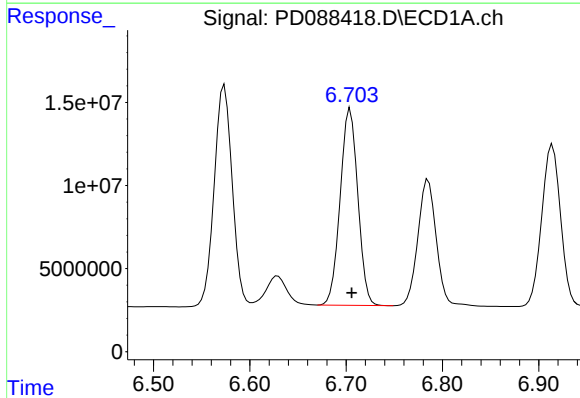
R.T.: 6.785 min  
Delta R.T.: -0.002 min  
Response: 100246634  
Conc: 32.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



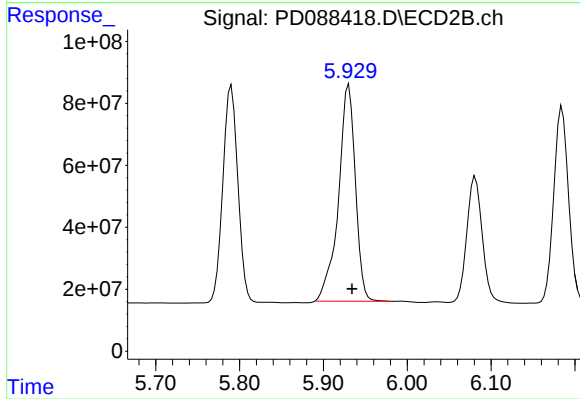
#15 Endosulfan II

R.T.: 6.081 min  
Delta R.T.: -0.003 min  
Response: 523786269  
Conc: 29.89 ng/ml



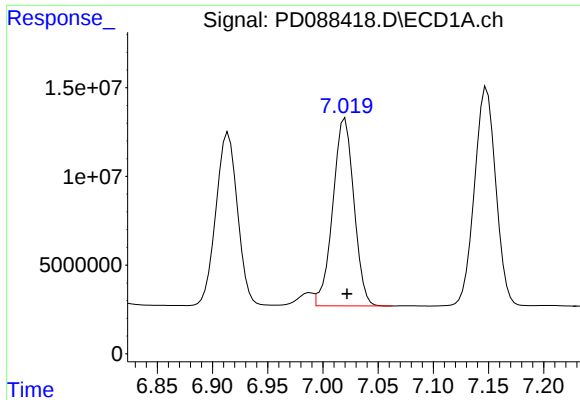
#16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: -0.002 min  
Response: 150417099  
Conc: 59.81 ng/ml



#16 4,4'-DDD

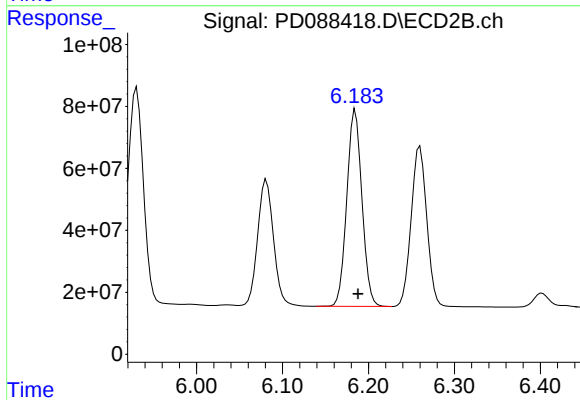
R.T.: 5.930 min  
Delta R.T.: -0.004 min  
Response: 982612901  
Conc: 59.97 ng/ml



#17 4,4'-DDT

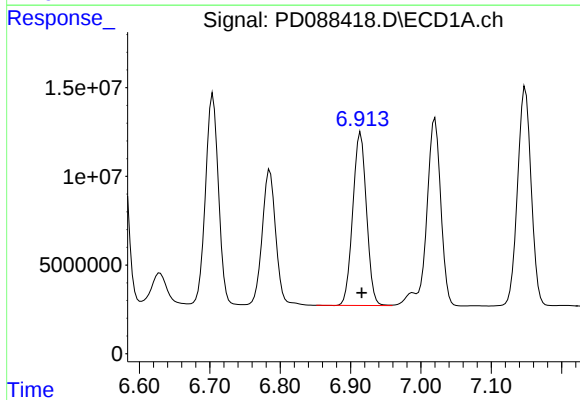
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 140947983  
Conc: 50.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



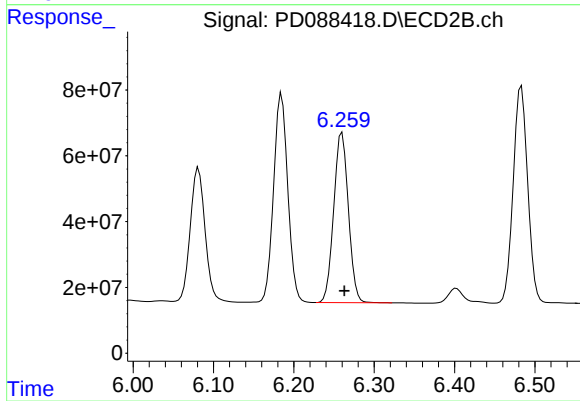
#17 4,4'-DDT

R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 780572163  
Conc: 45.87 ng/ml



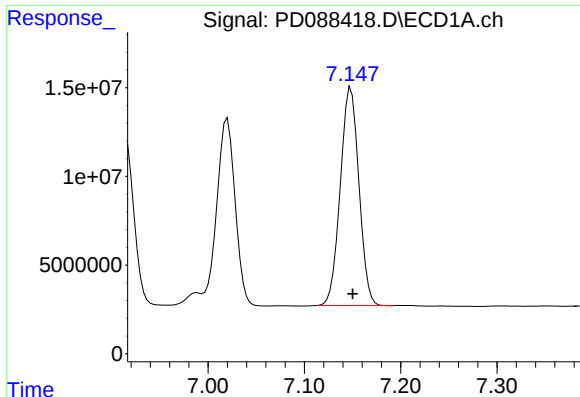
#18 Endrin aldehyde

R.T.: 6.914 min  
Delta R.T.: -0.002 min  
Response: 132356218  
Conc: 57.35 ng/ml



#18 Endrin aldehyde

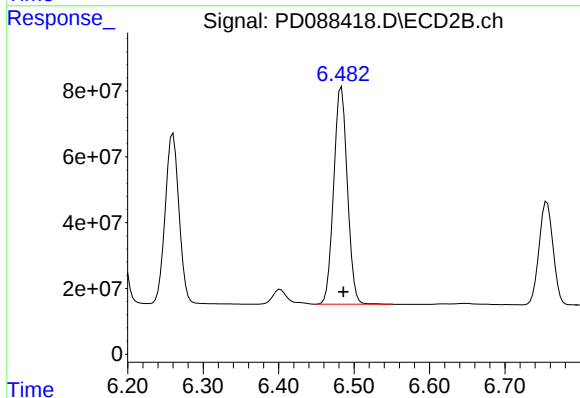
R.T.: 6.260 min  
Delta R.T.: -0.003 min  
Response: 655298566  
Conc: 49.27 ng/ml



#19 Endosulfan Sulfate

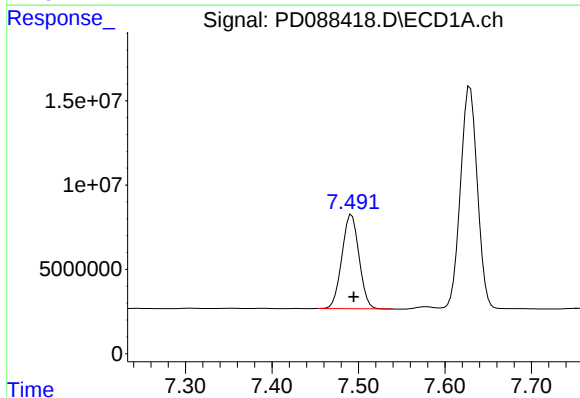
R.T.: 7.148 min  
Delta R.T.: -0.002 min  
Response: 164926401  
Conc: 57.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



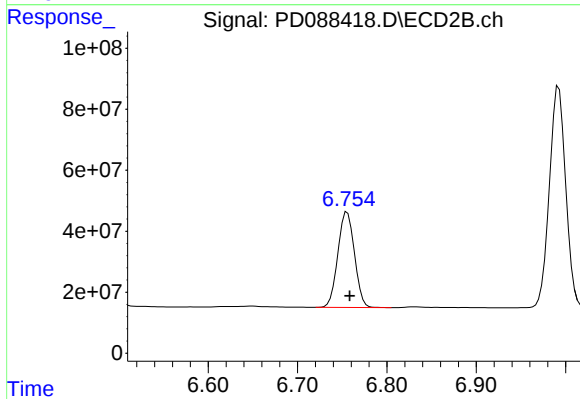
#19 Endosulfan Sulfate

R.T.: 6.483 min  
Delta R.T.: -0.003 min  
Response: 833116732  
Conc: 48.63 ng/ml



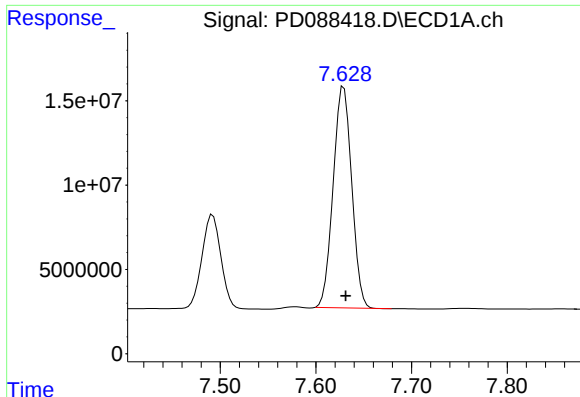
#20 Methoxychlor

R.T.: 7.492 min  
Delta R.T.: -0.002 min  
Response: 76517867  
Conc: 51.03 ng/ml



#20 Methoxychlor

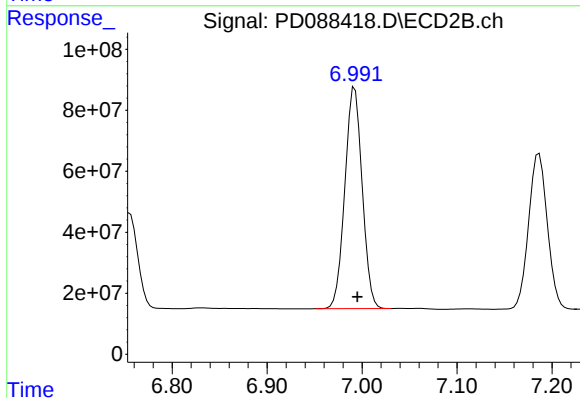
R.T.: 6.756 min  
Delta R.T.: -0.003 min  
Response: 404890695  
Conc: 44.39 ng/ml



#21 Endrin ketone

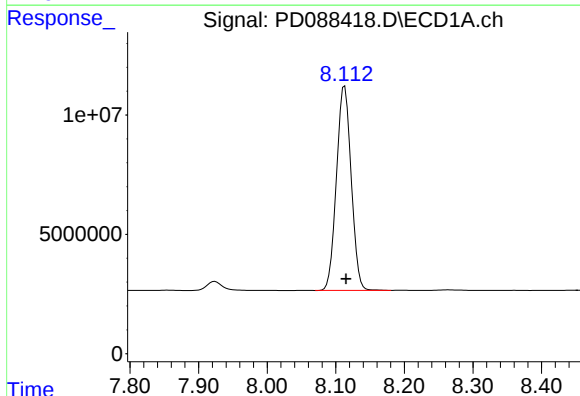
R.T.: 7.629 min  
Delta R.T.: -0.002 min  
Response: 176774106  
Conc: 57.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



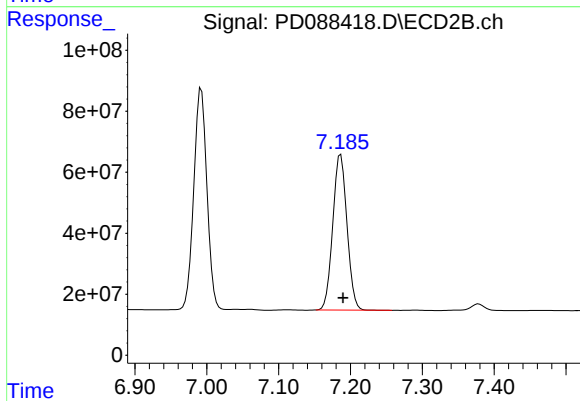
#21 Endrin ketone

R.T.: 6.992 min  
Delta R.T.: -0.003 min  
Response: 921585135  
Conc: 49.27 ng/ml



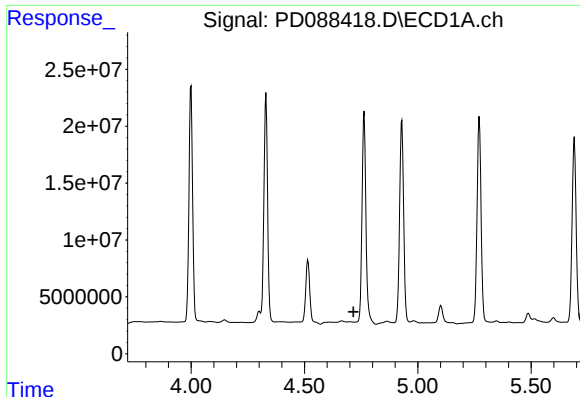
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: -0.002 min  
Response: 127986809  
Conc: 54.50 ng/ml



#22 Mirex

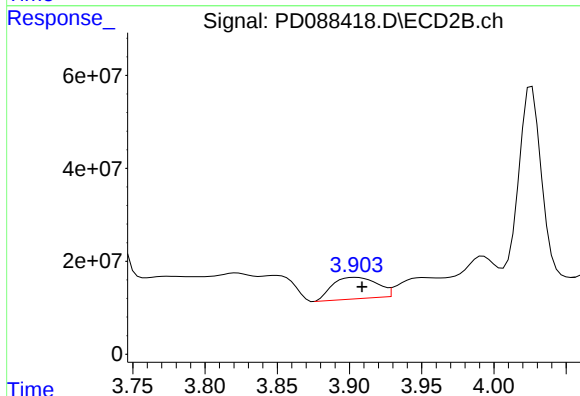
R.T.: 7.186 min  
Delta R.T.: -0.003 min  
Response: 699638491  
Conc: 47.21 ng/ml



#23 Chlordane-1

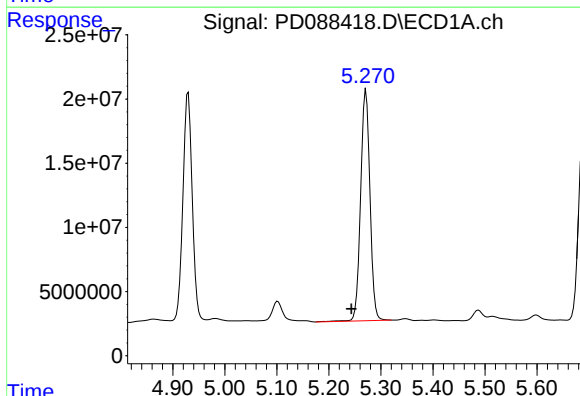
R.T.: 4.701 min  
Delta R.T.: -0.015 min  
Response: -390983  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



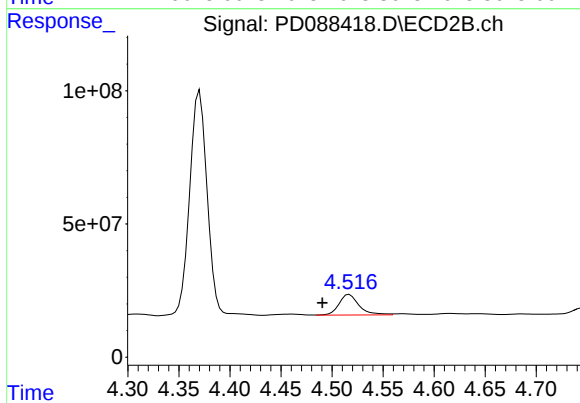
#23 Chlordane-1

R.T.: 3.904 min  
Delta R.T.: -0.004 min  
Response: 99457707  
Conc: 124.06 ng/ml



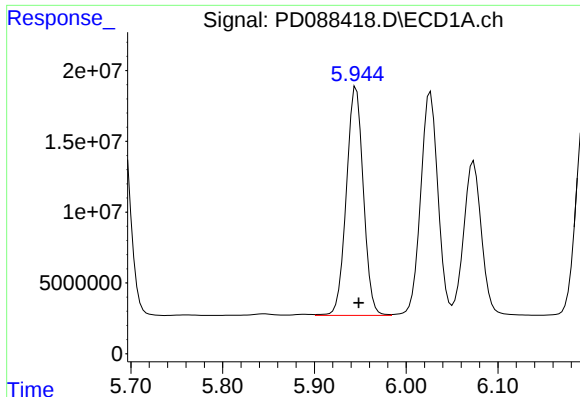
#24 Chlordane-2

R.T.: 5.271 min  
Delta R.T.: 0.028 min  
Response: 222929073  
Conc: 1338.68 ng/ml



#24 Chlordane-2

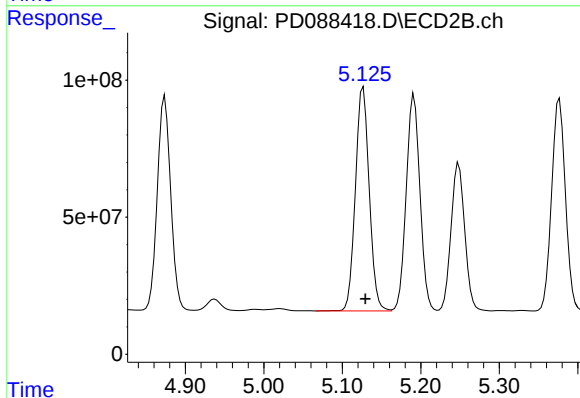
R.T.: 4.517 min  
Delta R.T.: 0.026 min  
Response: 105895442  
Conc: 128.31 ng/ml



#25 Chlordane-3

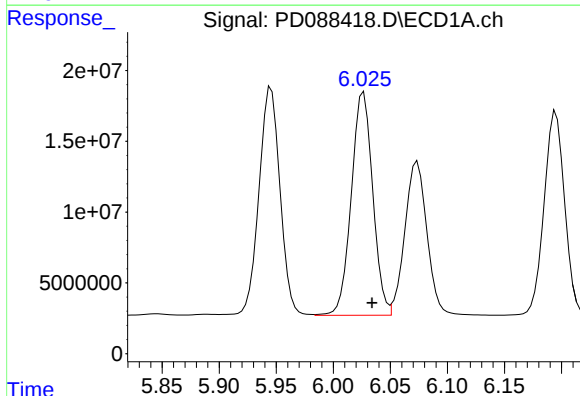
R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 207131705  
Conc: 307.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



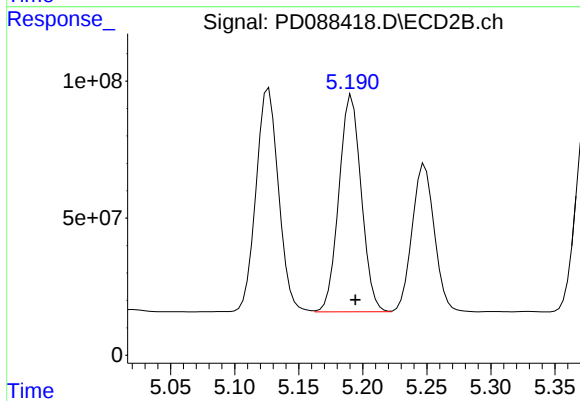
#25 Chlordane-3

R.T.: 5.127 min  
Delta R.T.: -0.003 min  
Response: 998846865  
Conc: 394.95 ng/ml



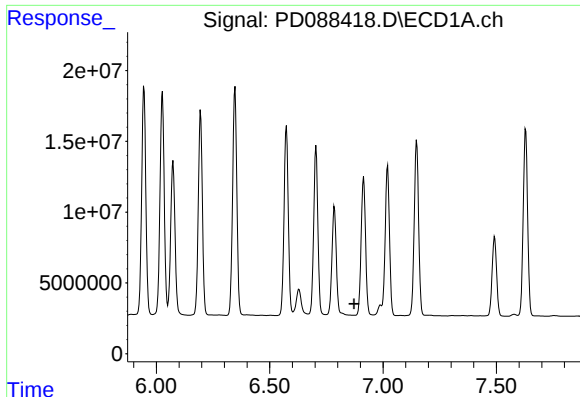
#26 Chlordane-4

R.T.: 6.027 min  
Delta R.T.: -0.007 min  
Response: 205823482  
Conc: 252.44 ng/ml



#26 Chlordane-4

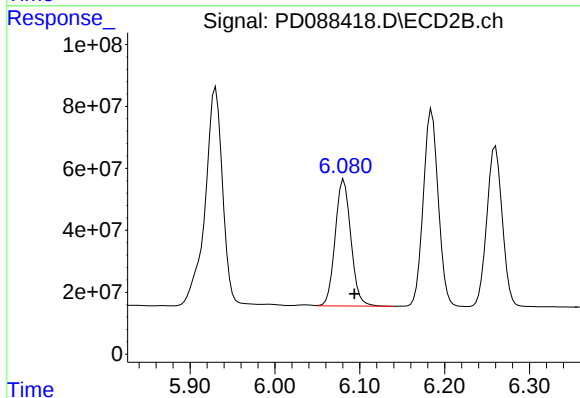
R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 958588245  
Conc: 448.33 ng/ml



#27 Chlordane-5

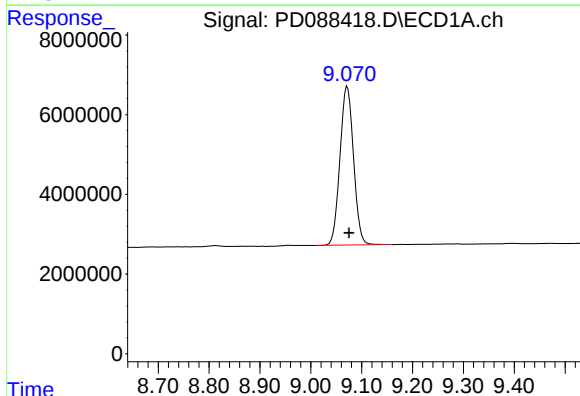
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-A4-02-CMSD



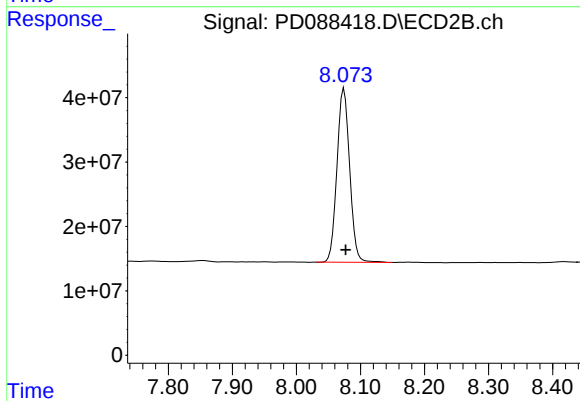
#27 Chlordane-5

R.T.: 6.081 min  
Delta R.T.: -0.013 min  
Response: 523786269  
Conc: 542.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min  
Delta R.T.: -0.003 min  
Response: 73808903  
Conc: 22.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min  
Delta R.T.: -0.003 min  
Response: 371734306  
Conc: 20.12 ng/ml