

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040322\  
 Data File : PD068897.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2022 14:32  
 Operator : AR\AJ  
 Sample : N2207-06MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 23:33:16 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... | 3.446 | 4.173  | 26009173 | 229.8E6  | 21.421   | 24.032    |
| 28)                         | SA Decachlor... | 8.207 | 9.372  | 16209629 | 84677854 | 12.830   | 14.943    |
| Target Compounds            |                 |       |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.886 | 4.569  | 102.3E6  | 793.7E6  | 56.511   | 57.670    |
| 3)                          | MA gamma-BHC... | 4.169 | 4.861  | 96713112 | 741.9E6  | 57.920   | 59.337    |
| 4)                          | MA Heptachlor   | 4.468 | 5.389  | 92279955 | 721.4E6  | 56.013   | 60.698    |
| 5)                          | MB Aldrin       | 4.715 | 5.701  | 92573620 | 719.1E6  | 57.926   | 62.648    |
| 6)                          | B beta-BHC      | 4.420 | 5.024  | 39872589 | 321.3E6  | 53.552   | 58.518    |
| 7)                          | B delta-BHC     | 4.624 | 5.250  | 97474760 | 696.9E6  | 59.646   | 57.948    |
| 8)                          | B Heptachlo...  | 5.160 | 6.089  | 83297028 | 602.8E6  | 55.699   | 57.723    |
| 9)                          | A Endosulfan I  | 5.499 | 6.452  | 76882167 | 560.6E6  | 54.945   | 59.782    |
| 10)                         | B gamma-Chl...  | 5.386 | 6.327  | 86452193 | 615.4E6  | 56.991   | 59.709    |
| 11)                         | B alpha-Chl...  | 5.445 | 6.401  | 84117112 | 600.8E6  | 56.279   | 60.344    |
| 12)                         | B 4,4'-DDE      | 5.611 | 6.551  | 80325584 | 578.2E6  | 58.715   | 62.393    |
| 13)                         | MA Dieldrin     | 5.743 | 6.711  | 86857810 | 608.1E6  | 59.486   | 62.608    |
| 14)                         | MA Endrin       | 6.001 | 6.931  | 80689244 | 503.4E6  | 61.253   | 65.054    |
| 15)                         | B Endosulfa...  | 6.275 | 7.135  | 74941340 | 475.9E6  | 60.128   | 62.956    |
| 16)                         | A 4,4'-DDD      | 6.129 | 7.042  | 68359792 | 451.0E6  | 57.970   | 61.064    |
| 17)                         | MA 4,4'-DDT     | 6.369 | 7.345  | 69370116 | 468.3E6  | 57.714   | 63.746    |
| 18)                         | B Endrin al...  | 6.445 | 7.260  | 60267360 | 388.8E6  | 60.707   | 64.252    |
| 19)                         | B Endosulfa...  | 6.658 | 7.485  | 72821615 | 455.1E6  | 56.944   | 61.875    |
| 20)                         | A Methoxychlor  | 6.920 | 7.799  | 38746173 | 236.6E6  | 55.909   | 64.895    |
| 21)                         | B Endrin ke...  | 7.151 | 7.961  | 83095724 | 460.3E6  | 56.445   | 59.408    |
| 22)                         | Mirex           | 7.335 | 8.427  | 62810348 | 331.2E6  | 52.997   | 60.430    |
| 23)                         | Chlordane-1     | 4.322 | 5.203  | 347922   | 4227036  | 8.199    | 10.714 #  |
| 24)                         | Chlordane-2     | 4.813 | 0.000  | 260876   | 0        | 5.198    | N.D. #    |
| 25)                         | Chlordane-3     | 5.386 | 6.327  | 86452193 | 615.4E6  | 620.028  | 458.049 # |
| 26)                         | Chlordane-4     | 5.445 | 6.401  | 84117112 | 600.8E6  | 710.744  | 386.470 # |
| 27)                         | Chlordane-5     | 6.275 | 7.198f | 74941340 | 1079517  | 1500.037 | 3.700 #   |
| -----                       |                 |       |        |          |          |          |           |

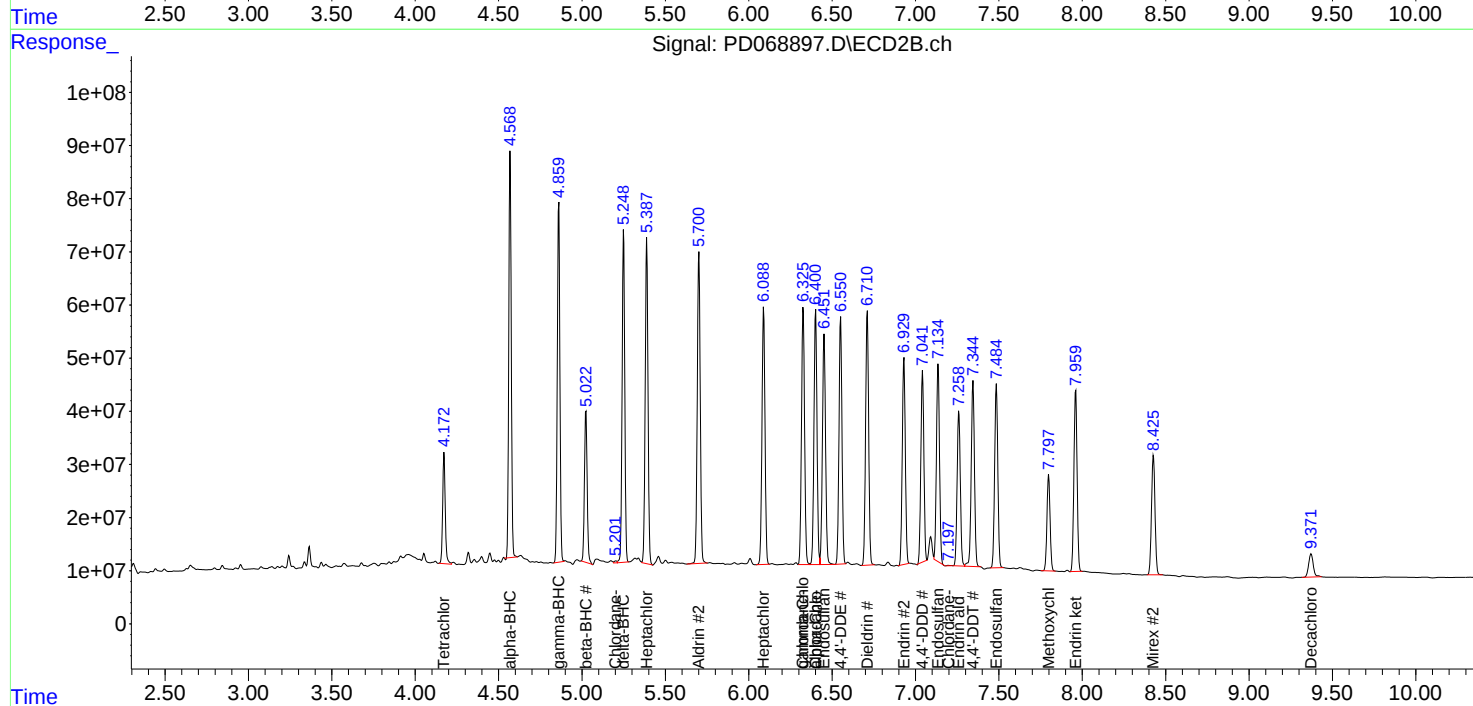
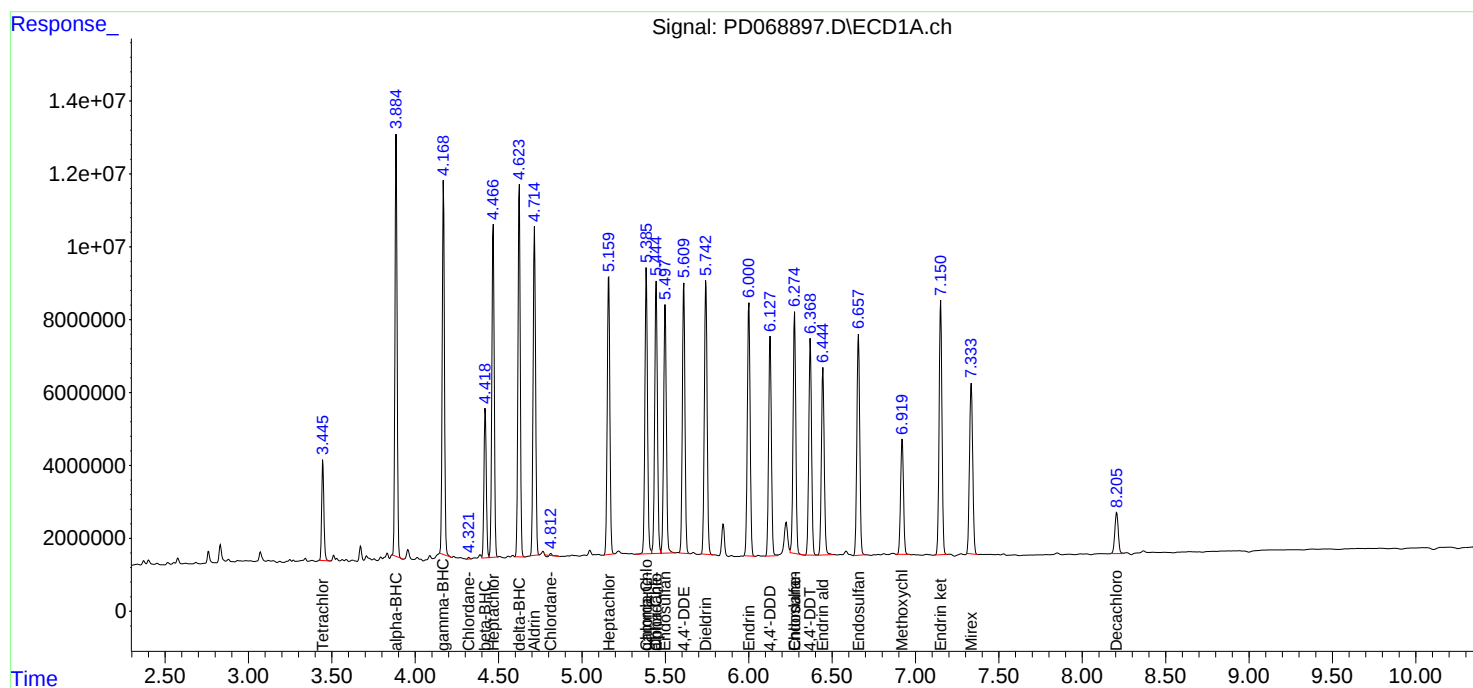
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

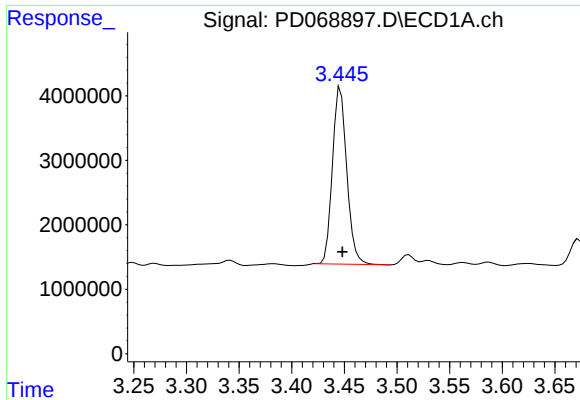
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040322\  
Data File : PD068897.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2022 14:32  
Operator : AR\AJ  
Sample : N2207-06MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 23:33:16 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

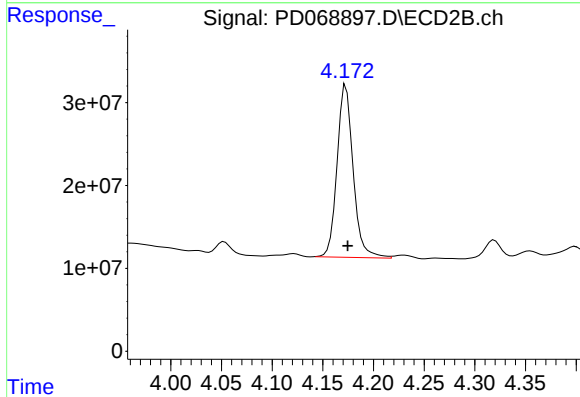




#1 Tetrachloro-m-xylene

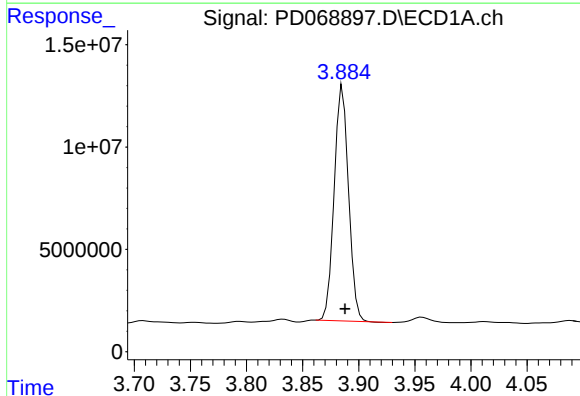
R.T.: 3.446 min  
Delta R.T.: -0.002 min  
Response: 26009173  
Conc: 21.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



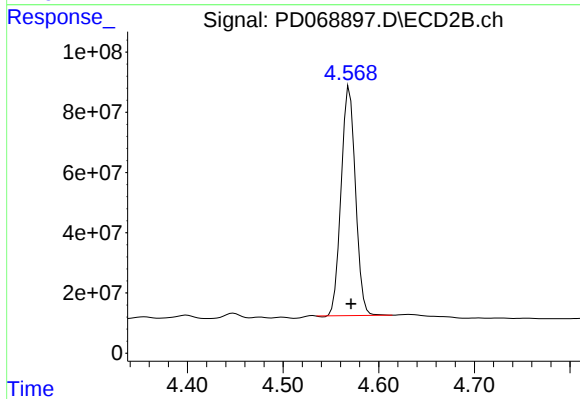
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: -0.002 min  
Response: 229767662  
Conc: 24.03 ng/ml



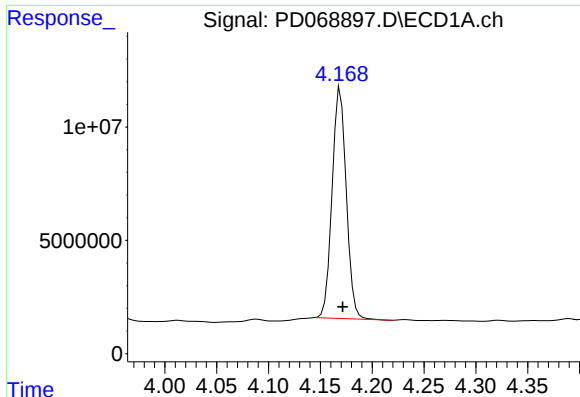
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: -0.002 min  
Response: 102318166  
Conc: 56.51 ng/ml



#2 alpha-BHC

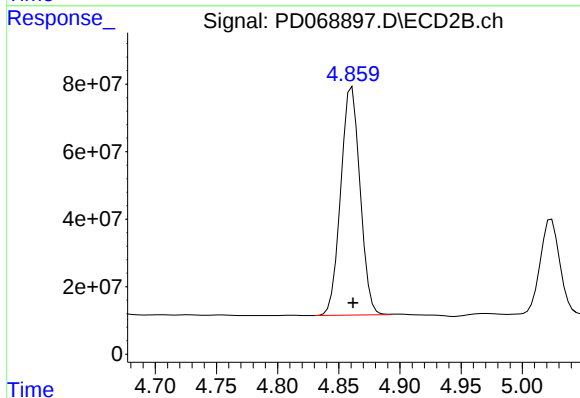
R.T.: 4.569 min  
Delta R.T.: -0.002 min  
Response: 793707347  
Conc: 57.67 ng/ml



#3 gamma-BHC (Lindane)

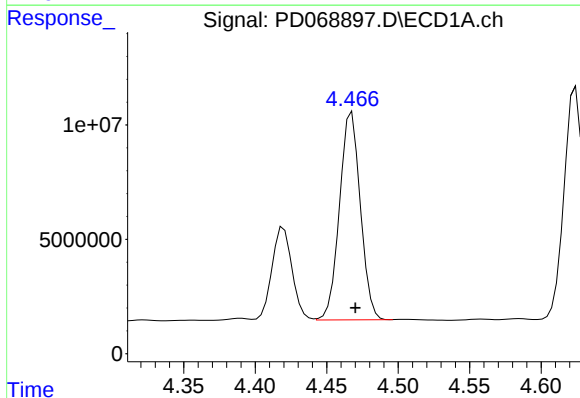
R.T.: 4.169 min  
Delta R.T.: -0.002 min  
Response: 96713112  
Conc: 57.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



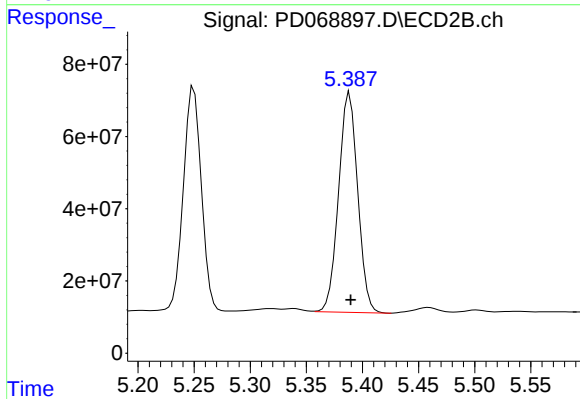
#3 gamma-BHC (Lindane)

R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 741905132  
Conc: 59.34 ng/ml



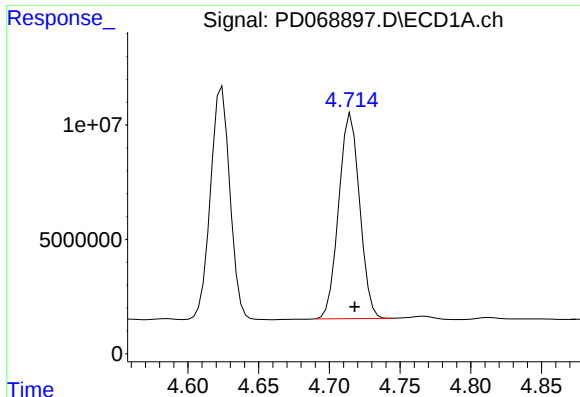
#4 Heptachlor

R.T.: 4.468 min  
Delta R.T.: -0.002 min  
Response: 92279955  
Conc: 56.01 ng/ml



#4 Heptachlor

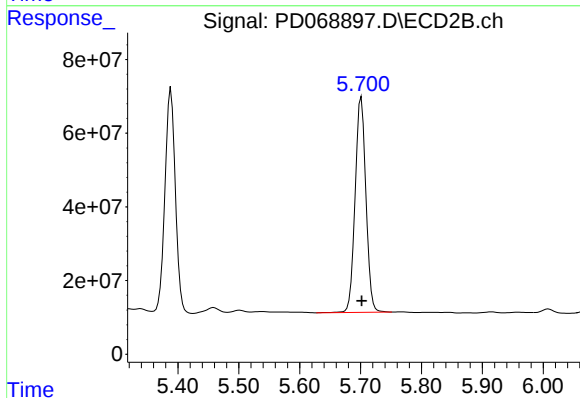
R.T.: 5.389 min  
Delta R.T.: 0.000 min  
Response: 721350698  
Conc: 60.70 ng/ml



#5 Aldrin

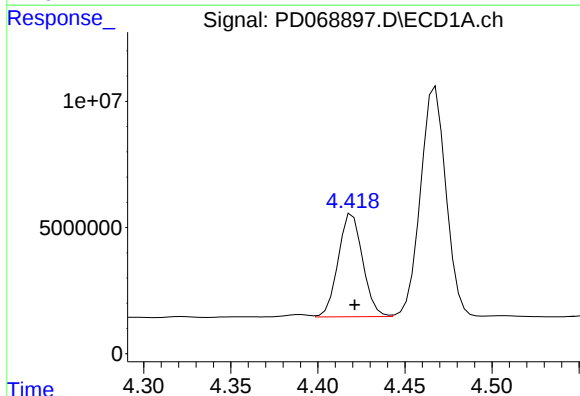
R.T.: 4.715 min  
Delta R.T.: -0.003 min  
Response: 92573620  
Conc: 57.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



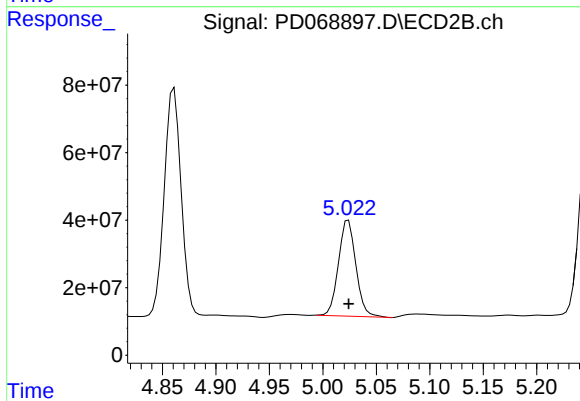
#5 Aldrin

R.T.: 5.701 min  
Delta R.T.: 0.000 min  
Response: 719127882  
Conc: 62.65 ng/ml



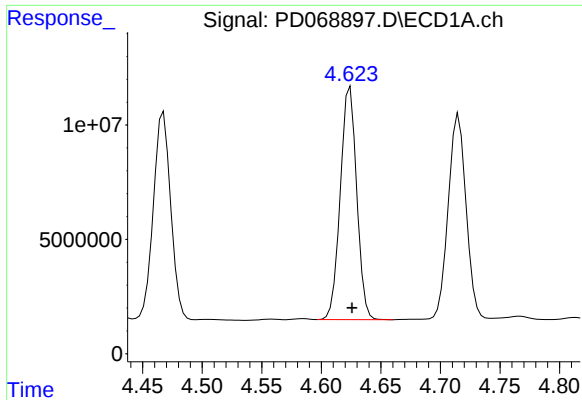
#6 beta-BHC

R.T.: 4.420 min  
Delta R.T.: -0.001 min  
Response: 39872589  
Conc: 53.55 ng/ml



#6 beta-BHC

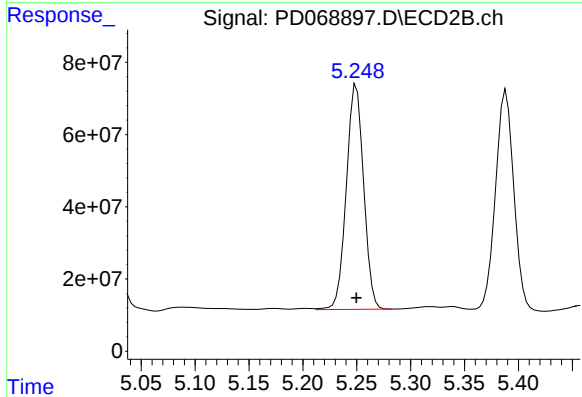
R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 321254400  
Conc: 58.52 ng/ml



#7 delta-BHC

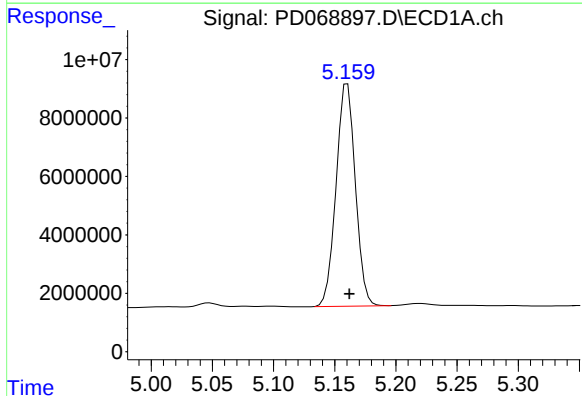
R.T.: 4.624 min  
Delta R.T.: -0.002 min  
Response: 97474760  
Conc: 59.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



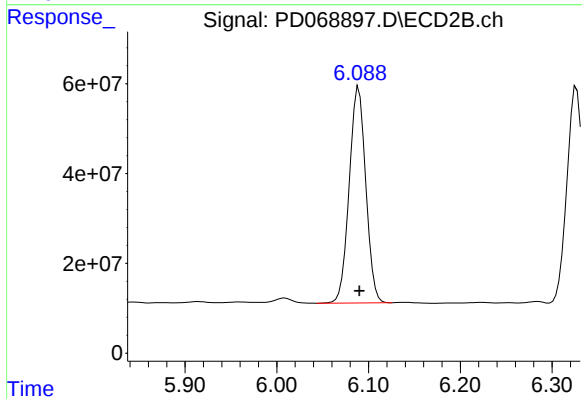
#7 delta-BHC

R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 696867424  
Conc: 57.95 ng/ml



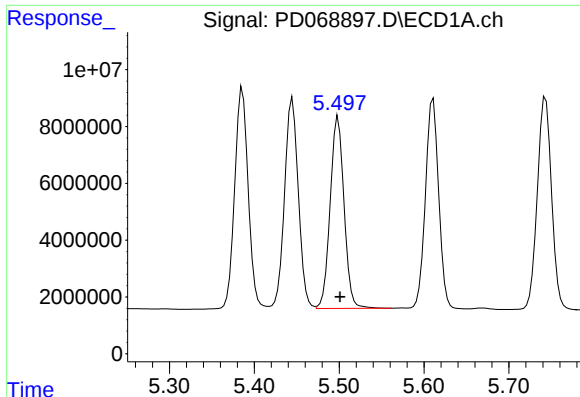
#8 Heptachlor epoxide

R.T.: 5.160 min  
Delta R.T.: -0.002 min  
Response: 83297028  
Conc: 55.70 ng/ml



#8 Heptachlor epoxide

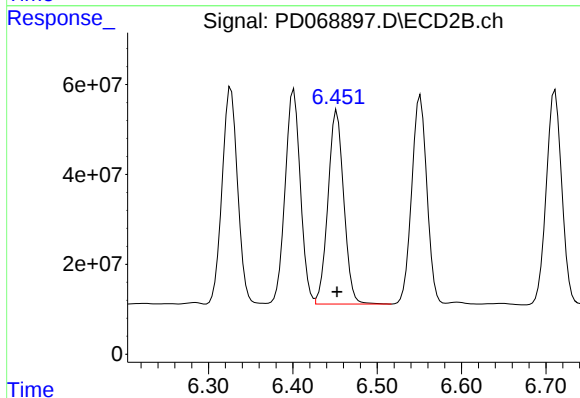
R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 602783627  
Conc: 57.72 ng/ml



#9 Endosulfan I

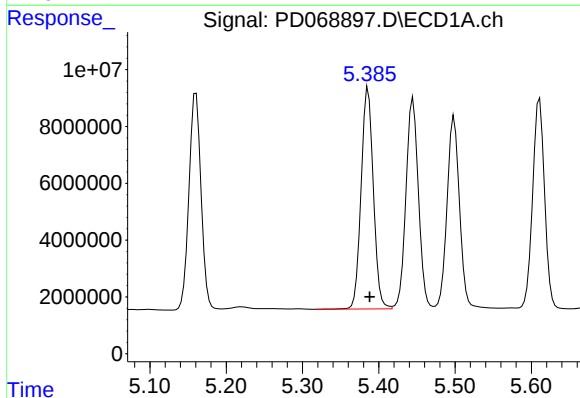
R.T.: 5.499 min  
Delta R.T.: -0.002 min  
Response: 76882167  
Conc: 54.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



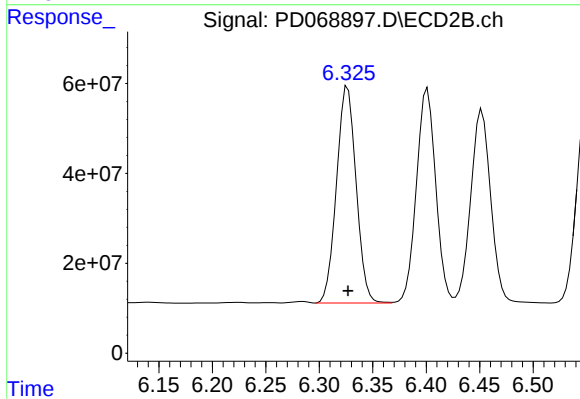
#9 Endosulfan I

R.T.: 6.452 min  
Delta R.T.: 0.000 min  
Response: 560645996  
Conc: 59.78 ng/ml



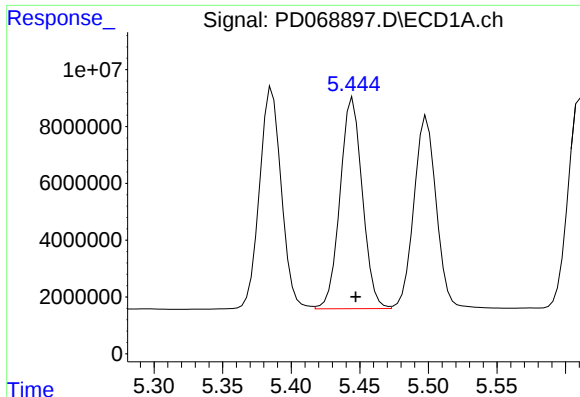
#10 gamma-Chlordane

R.T.: 5.386 min  
Delta R.T.: -0.002 min  
Response: 86452193  
Conc: 56.99 ng/ml



#10 gamma-Chlordane

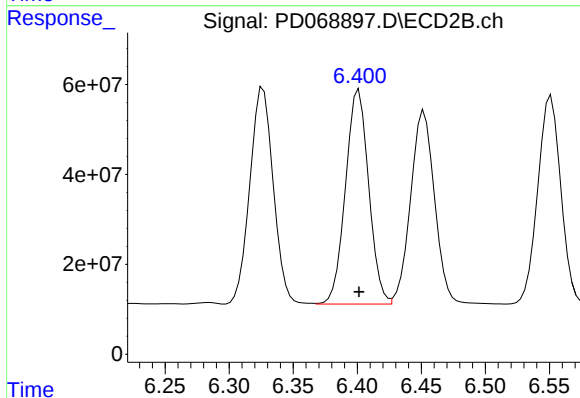
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 615426467  
Conc: 59.71 ng/ml



#11 alpha-Chlordane

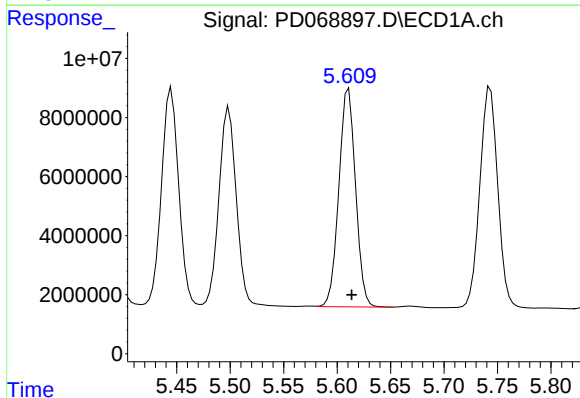
R.T.: 5.445 min  
Delta R.T.: -0.002 min  
Response: 84117112  
Conc: 56.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



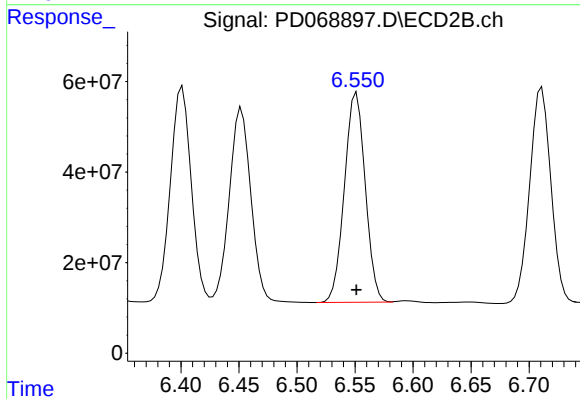
#11 alpha-Chlordane

R.T.: 6.401 min  
Delta R.T.: 0.000 min  
Response: 600801217  
Conc: 60.34 ng/ml



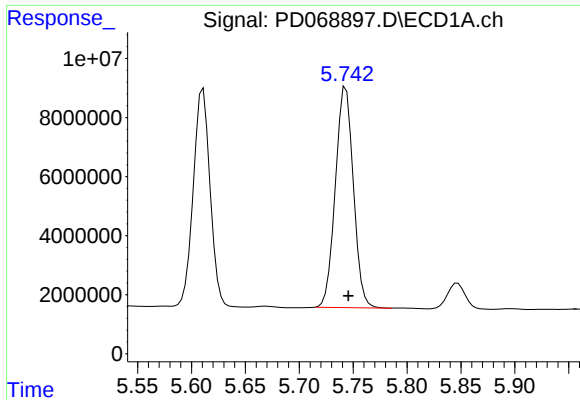
#12 4,4'-DDE

R.T.: 5.611 min  
Delta R.T.: -0.003 min  
Response: 80325584  
Conc: 58.72 ng/ml



#12 4,4'-DDE

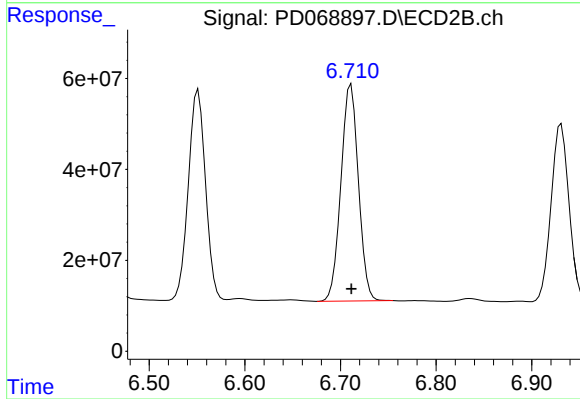
R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 578188984  
Conc: 62.39 ng/ml



#13 Dieldrin

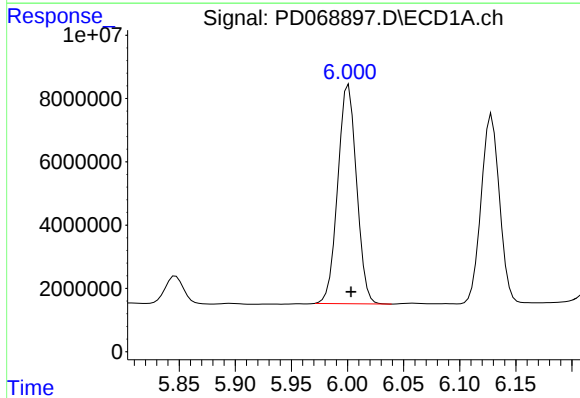
R.T.: 5.743 min  
Delta R.T.: -0.002 min  
Response: 86857810  
Conc: 59.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



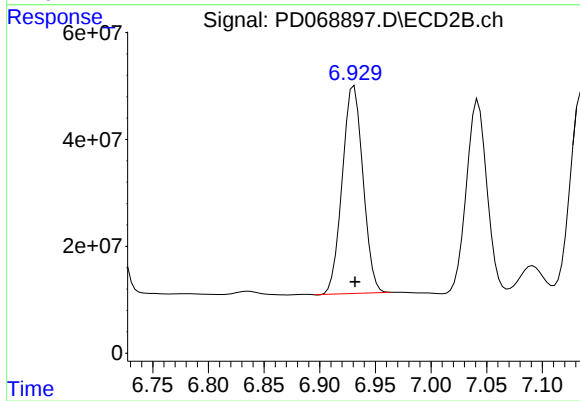
#13 Dieldrin

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 608113320  
Conc: 62.61 ng/ml



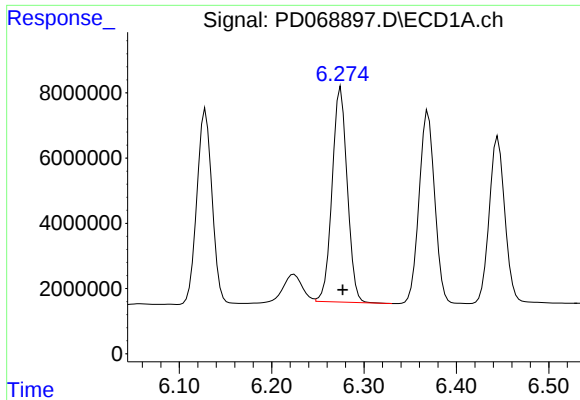
#14 Endrin

R.T.: 6.001 min  
Delta R.T.: -0.002 min  
Response: 80689244  
Conc: 61.25 ng/ml



#14 Endrin

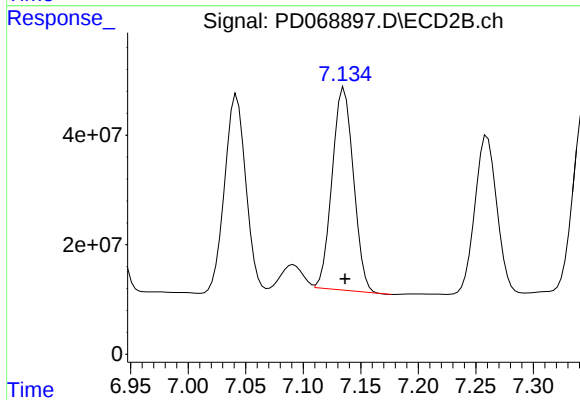
R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 503356190  
Conc: 65.05 ng/ml



#15 Endosulfan II

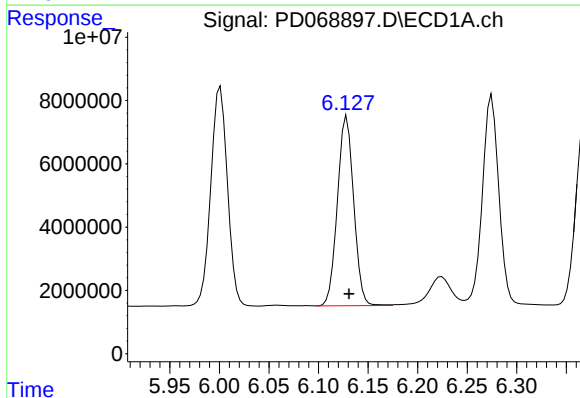
R.T.: 6.275 min  
Delta R.T.: -0.002 min  
Response: 74941340  
Conc: 60.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



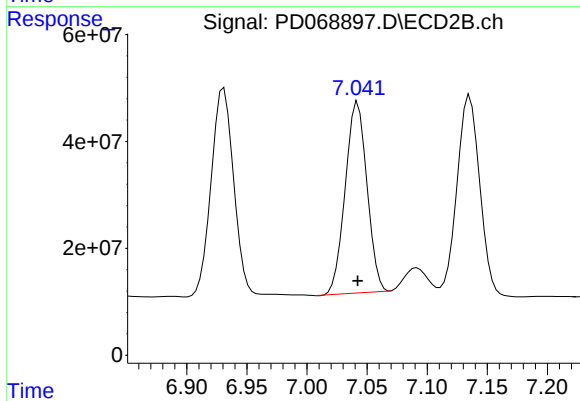
#15 Endosulfan II

R.T.: 7.135 min  
Delta R.T.: 0.000 min  
Response: 475856733  
Conc: 62.96 ng/ml



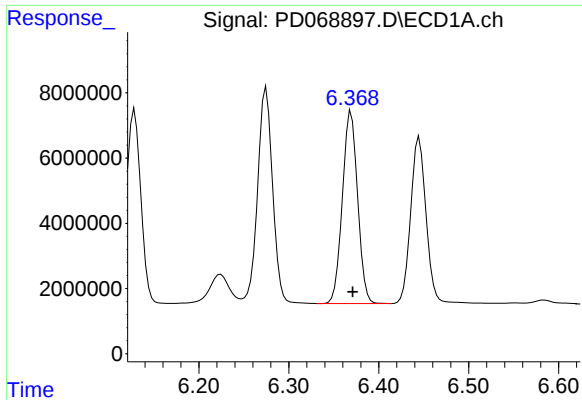
#16 4,4'-DDD

R.T.: 6.129 min  
Delta R.T.: -0.002 min  
Response: 68359792  
Conc: 57.97 ng/ml



#16 4,4'-DDD

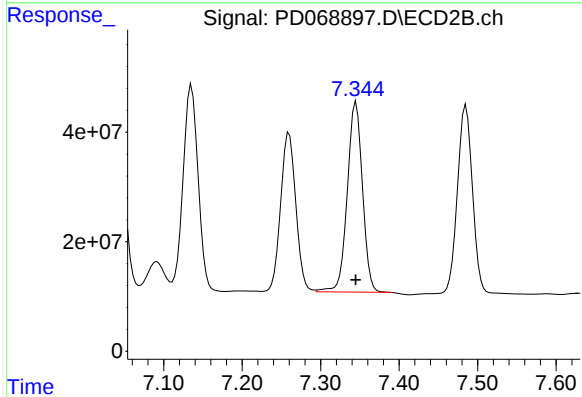
R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 450977753  
Conc: 61.06 ng/ml



#17 4,4'-DDT

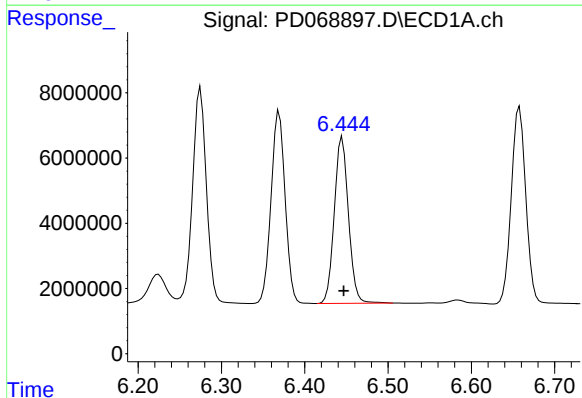
R.T.: 6.369 min  
Delta R.T.: -0.002 min  
Response: 69370116  
Conc: 57.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



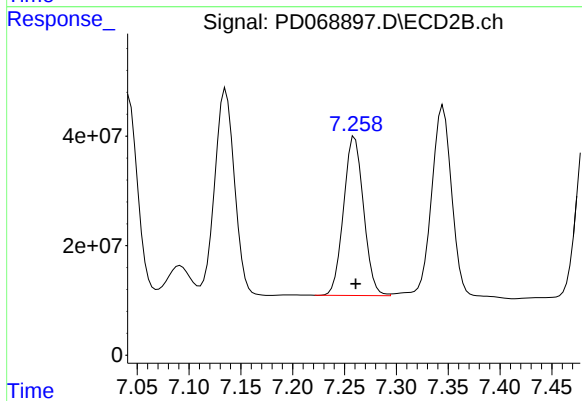
#17 4,4'-DDT

R.T.: 7.345 min  
Delta R.T.: 0.000 min  
Response: 468327960  
Conc: 63.75 ng/ml



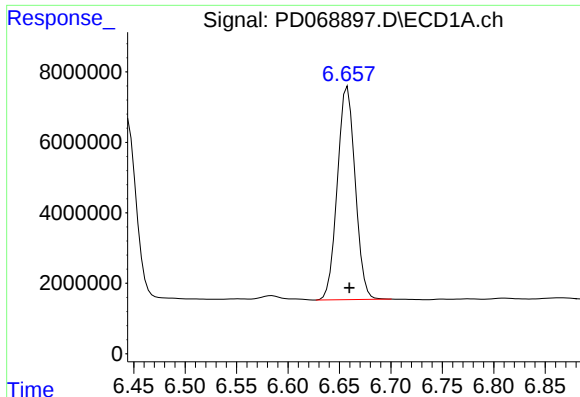
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: -0.002 min  
Response: 60267360  
Conc: 60.71 ng/ml



#18 Endrin aldehyde

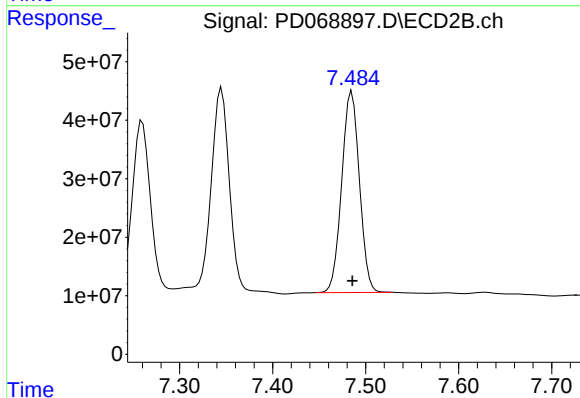
R.T.: 7.260 min  
Delta R.T.: 0.000 min  
Response: 388838328  
Conc: 64.25 ng/ml



#19 Endosulfan Sulfate

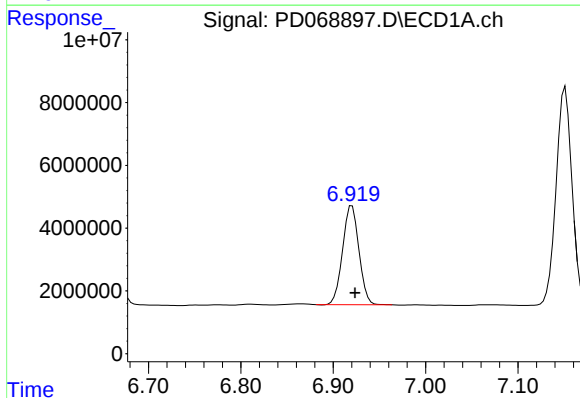
R.T.: 6.658 min  
Delta R.T.: -0.002 min  
Response: 72821615  
Conc: 56.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



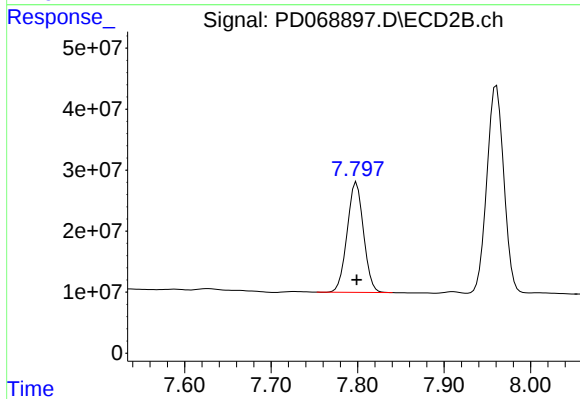
#19 Endosulfan Sulfate

R.T.: 7.485 min  
Delta R.T.: 0.000 min  
Response: 455092646  
Conc: 61.87 ng/ml



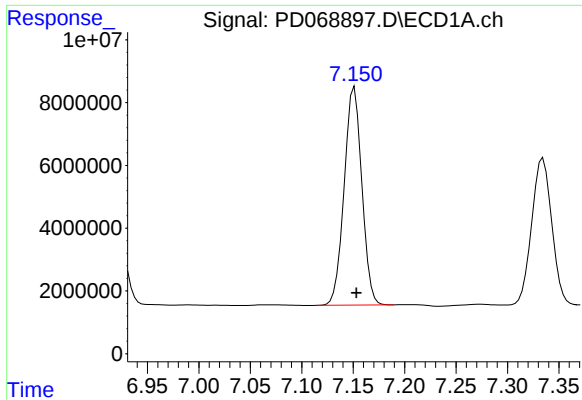
#20 Methoxychlor

R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: 38746173  
Conc: 55.91 ng/ml



#20 Methoxychlor

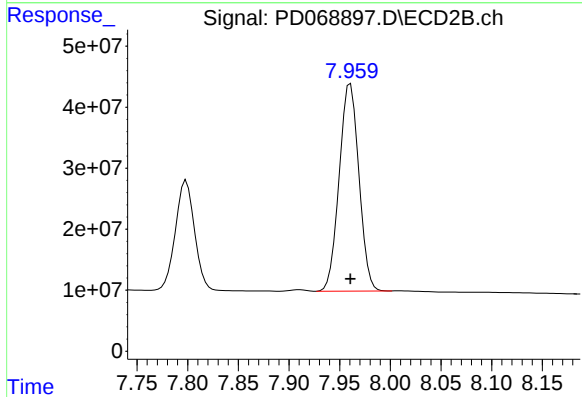
R.T.: 7.799 min  
Delta R.T.: 0.000 min  
Response: 236560483  
Conc: 64.89 ng/ml



#21 Endrin ketone

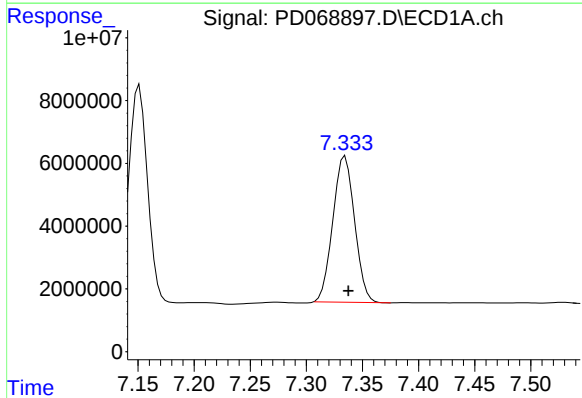
R.T.: 7.151 min  
Delta R.T.: -0.002 min  
Response: 83095724  
Conc: 56.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



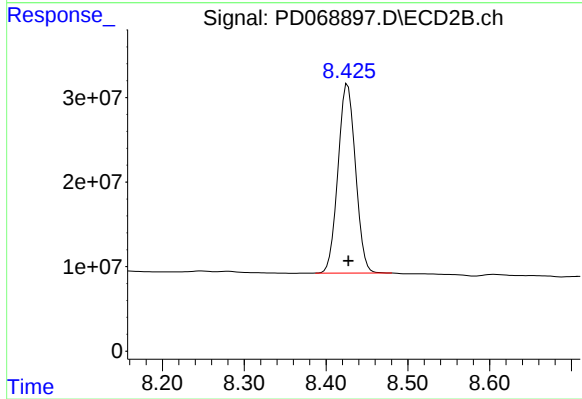
#21 Endrin ketone

R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 460336449  
Conc: 59.41 ng/ml



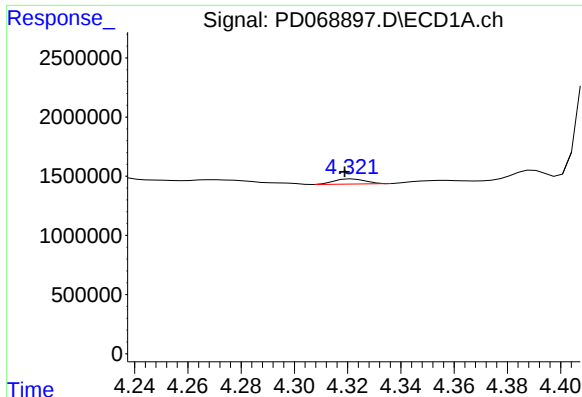
#22 Mirex

R.T.: 7.335 min  
Delta R.T.: -0.003 min  
Response: 62810348  
Conc: 53.00 ng/ml



#22 Mirex

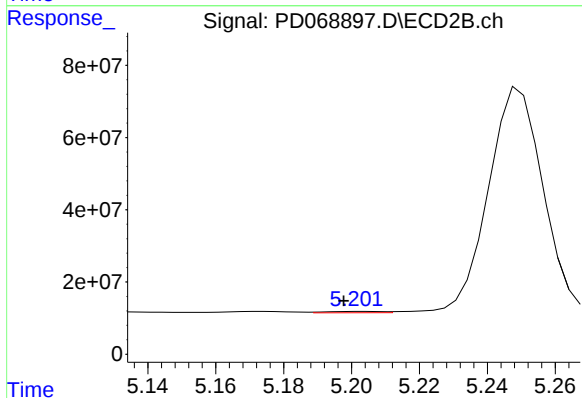
R.T.: 8.427 min  
Delta R.T.: 0.000 min  
Response: 331240588  
Conc: 60.43 ng/ml



#23 Chlordane-1

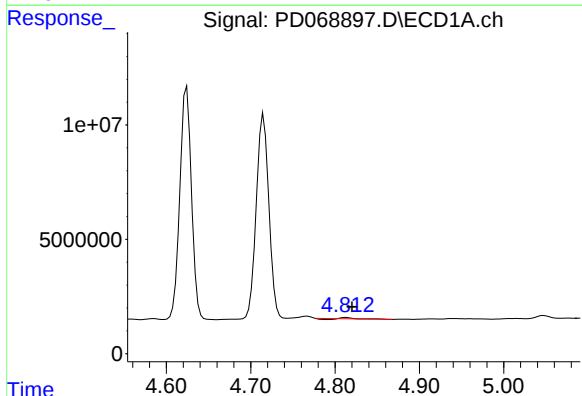
R.T.: 4.322 min  
Delta R.T.: 0.003 min  
Response: 347922  
Conc: 8.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



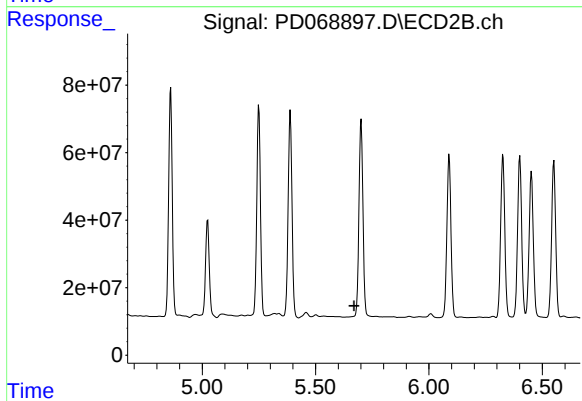
#23 Chlordane-1

R.T.: 5.203 min  
Delta R.T.: 0.005 min  
Response: 4227036  
Conc: 10.71 ng/ml



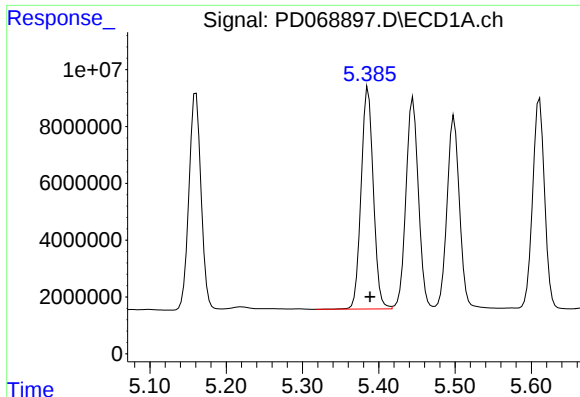
#24 Chlordane-2

R.T.: 4.813 min  
Delta R.T.: -0.007 min  
Response: 260876  
Conc: 5.20 ng/ml



#24 Chlordane-2

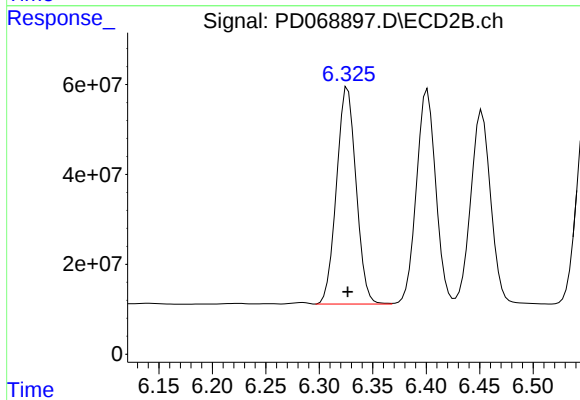
R.T.: 0.000 min  
Exp R.T. : 5.671 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

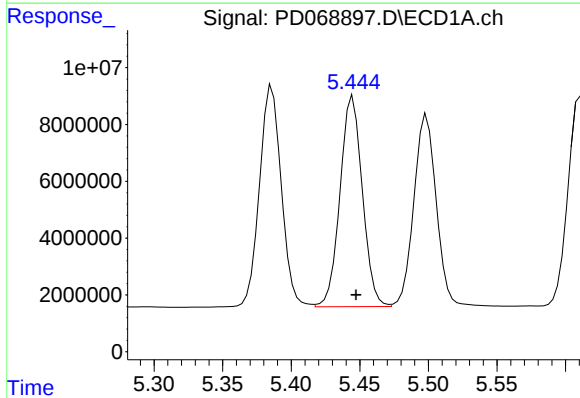
R.T.: 5.386 min  
Delta R.T.: -0.002 min  
Response: 86452193  
Conc: 620.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



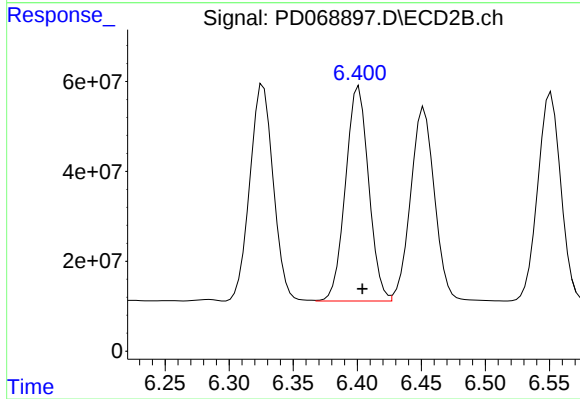
#25 Chlordane-3

R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 615426467  
Conc: 458.05 ng/ml



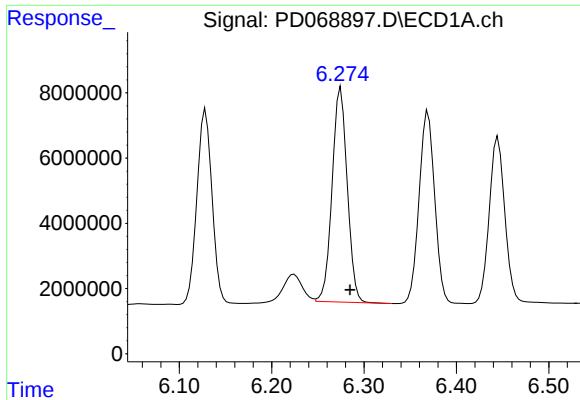
#26 Chlordane-4

R.T.: 5.445 min  
Delta R.T.: -0.002 min  
Response: 84117112  
Conc: 710.74 ng/ml



#26 Chlordane-4

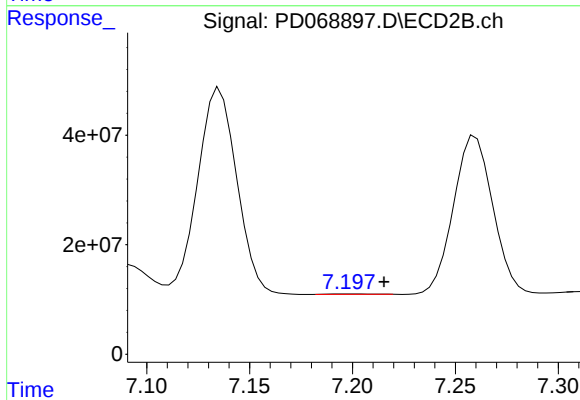
R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 600801217  
Conc: 386.47 ng/ml



#27 Chlordane-5

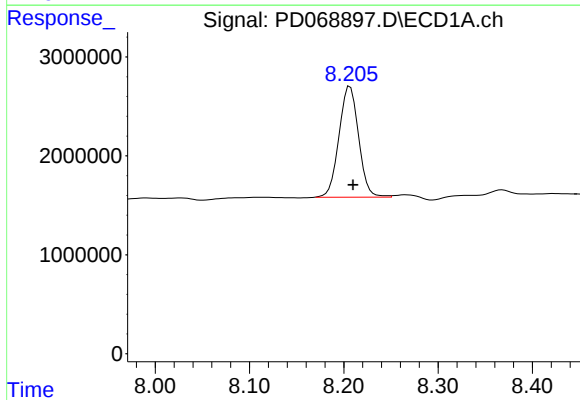
R.T.: 6.275 min  
Delta R.T.: -0.010 min  
Response: 74941340  
Conc: 1500.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



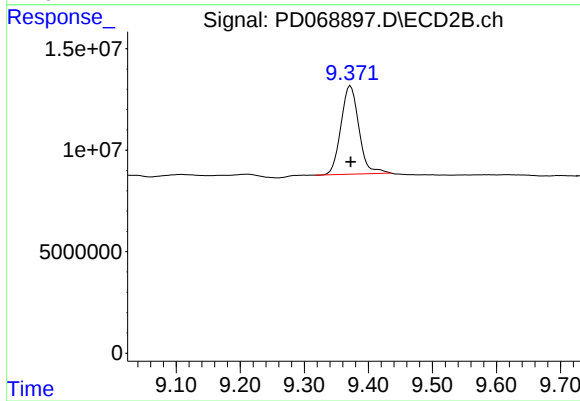
#27 Chlordane-5

R.T.: 7.198 min  
Delta R.T.: -0.017 min  
Response: 1079517  
Conc: 3.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: -0.003 min  
Response: 16209629  
Conc: 12.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.372 min  
Delta R.T.: 0.000 min  
Response: 84677854  
Conc: 14.94 ng/ml