

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040122\  
 Data File : PD068848.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Mar 2022 10:34  
 Operator : AR\AJ  
 Sample : PB143717BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB143717BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 31 02:45:42 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... | 3.454 | 4.173  | 21703465 | 199.9E6 | 17.875   | 20.913     |
| 28)                         | SA Decachlor... | 8.213 | 9.370  | 25917194 | 130.6E6 | 20.514   | 23.053     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.570  | 84714597 | 683.0E6 | 46.789   | 49.630     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.860  | 78478137 | 618.4E6 | 46.999   | 49.458     |
| 4)                          | MA Heptachlor   | 4.476 | 5.387  | 70357578 | 555.9E6 | 42.706   | 46.773     |
| 5)                          | MB Aldrin       | 4.724 | 5.700  | 78259851 | 596.9E6 | 48.970   | 52.003     |
| 6)                          | B beta-BHC      | 4.429 | 5.023  | 32830399 | 260.8E6 | 44.094   | 47.512     |
| 7)                          | B delta-BHC     | 4.633 | 5.249  | 78705268 | 598.5E6 | 48.161   | 49.767     |
| 8)                          | B Heptachlo...  | 5.169 | 6.089  | 70929102 | 588.6E6 | 47.429   | 56.364     |
| 9)                          | A Endosulfan I  | 5.508 | 6.451  | 65595558 | 480.0E6 | 46.879   | 51.187     |
| 10)                         | B gamma-Chl...  | 5.395 | 6.325  | 72260234 | 542.5E6 | 47.636   | 52.637     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.400  | 71054745 | 517.6E6 | 47.539   | 51.983     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.550  | 69328293 | 479.1E6 | 50.676   | 51.704     |
| 13)                         | MA Dieldrin     | 5.752 | 6.709  | 73158831 | 513.9E6 | 50.104   | 52.907     |
| 14)                         | MA Endrin       | 6.009 | 6.929  | 66324319 | 352.3E6 | 50.348   | 45.528     |
| 15)                         | B Endosulfa...  | 6.283 | 7.135  | 64251932 | 411.1E6 | 51.552   | 54.388     |
| 16)                         | A 4,4'-DDD      | 6.138 | 7.041  | 58756127 | 392.8E6 | 49.826   | 53.183     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.345  | 53619738 | 358.1E6 | 44.610   | 48.742     |
| 18)                         | B Endrin al...  | 6.453 | 7.259  | 52610884 | 341.0E6 | 52.995   | 56.342     |
| 19)                         | B Endosulfa...  | 6.665 | 7.484  | 63587191 | 391.5E6 | 49.723   | 53.229     |
| 20)                         | A Methoxychlor  | 6.928 | 7.797  | 30590045 | 180.5E6 | 44.140   | 49.523     |
| 21)                         | B Endrin ke...  | 7.159 | 7.959  | 74831278 | 420.0E6 | 50.831   | 54.202     |
| 22)                         | Mirex           | 7.342 | 8.425  | 63248298 | 320.2E6 | 53.366   | 58.417     |
| 24)                         | Chlordane-2     | 0.000 | 5.700f | 0        | 596.9E6 | N.D.     | 1561.460 # |
| 25)                         | Chlordane-3     | 5.395 | 6.325  | 72260234 | 542.5E6 | 518.244  | 403.803    |
| 26)                         | Chlordane-4     | 5.454 | 6.400  | 71054745 | 517.6E6 | 600.374  | 332.922 #  |
| 27)                         | Chlordane-5     | 6.283 | 0.000  | 64251932 | 0       | 1286.076 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

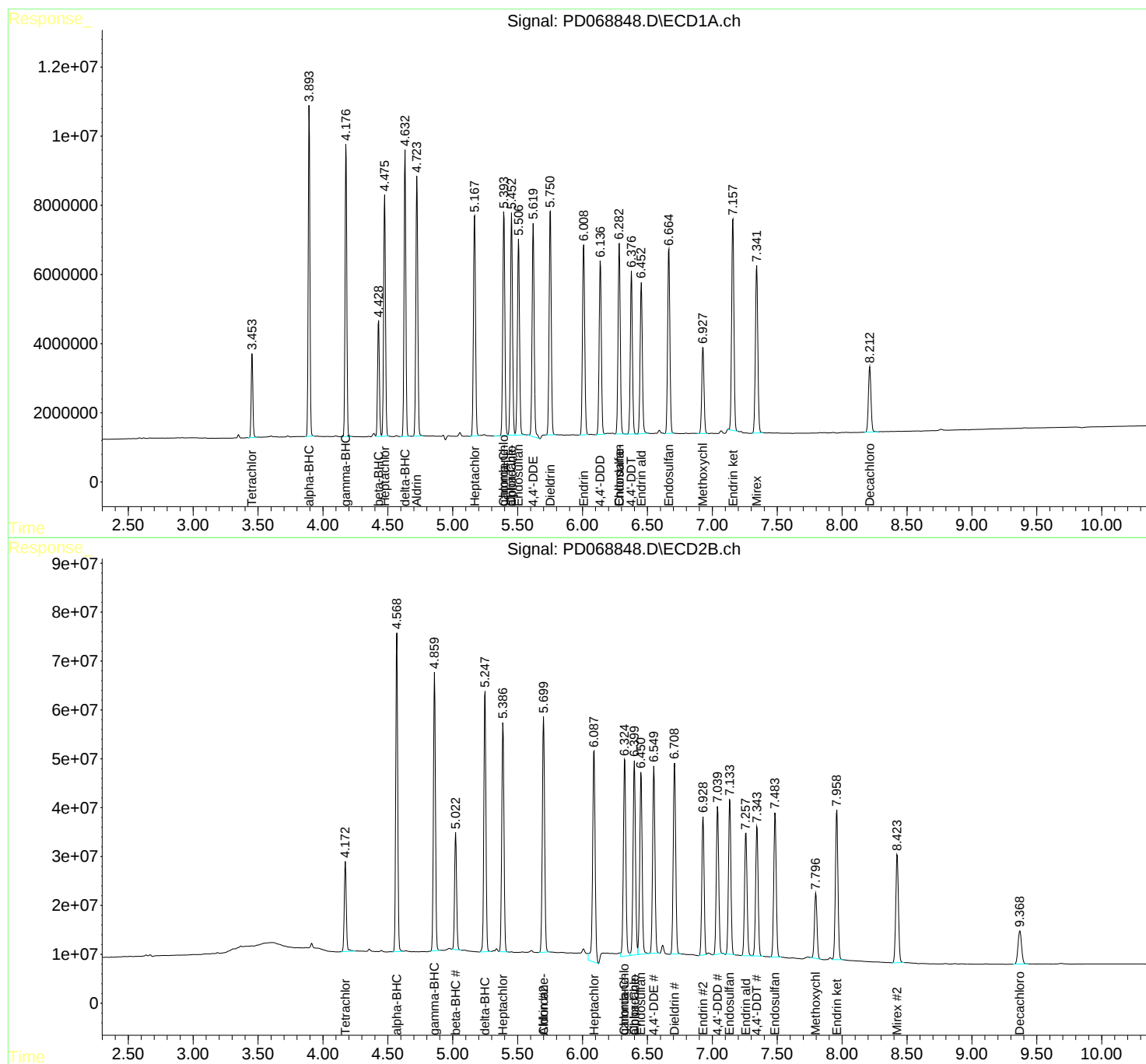
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

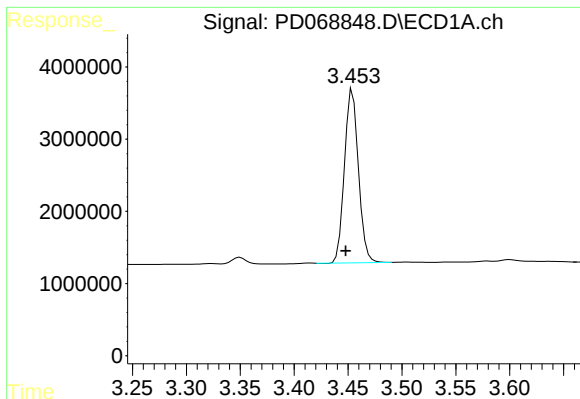
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040122\  
Data File : PD068848.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Mar 2022 10:34  
Operator : AR\AJ  
Sample : PB143717BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 31 02:45:42 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

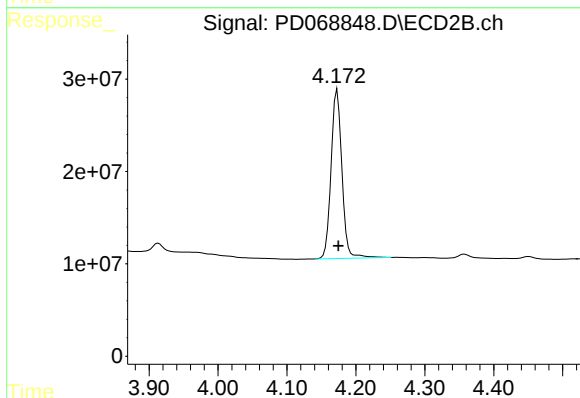




#1 Tetrachloro-m-xylene

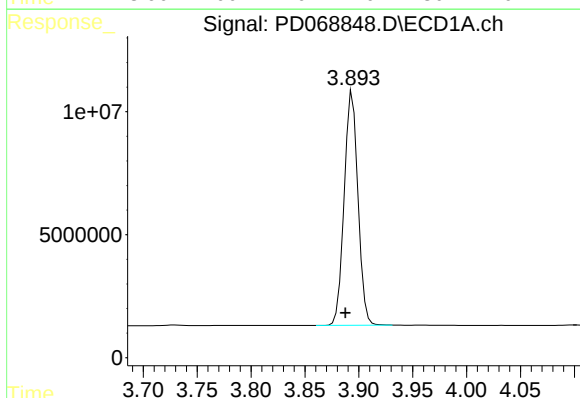
R.T.: 3.454 min  
Delta R.T.: 0.006 min  
Response: 21703465  
Conc: 17.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



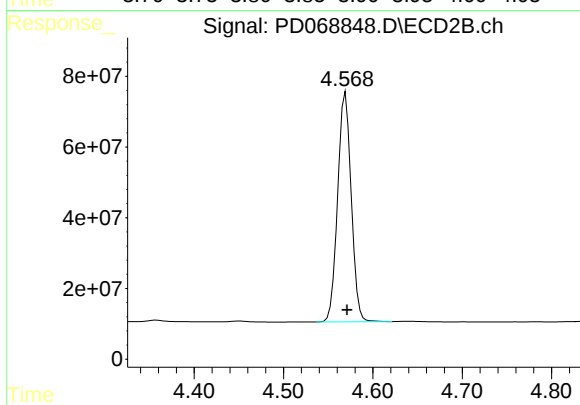
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: -0.002 min  
Response: 199943186  
Conc: 20.91 ng/ml



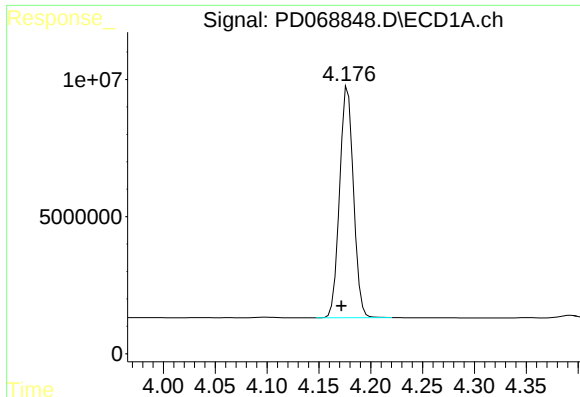
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.006 min  
Response: 84714597  
Conc: 46.79 ng/ml



#2 alpha-BHC

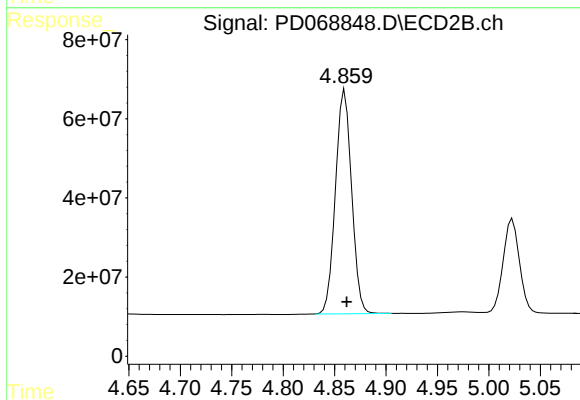
R.T.: 4.570 min  
Delta R.T.: -0.002 min  
Response: 683047280  
Conc: 49.63 ng/ml



#3 gamma-BHC (Lindane)

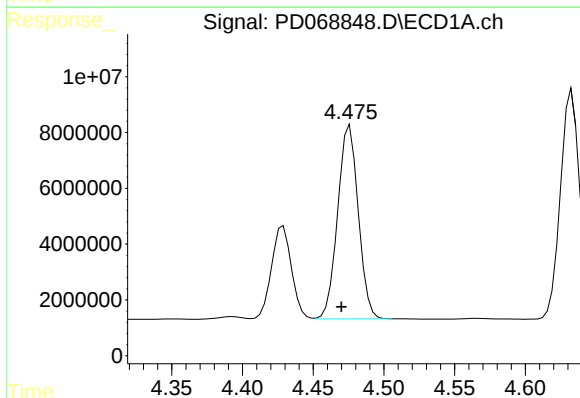
R.T.: 4.178 min  
Delta R.T.: 0.006 min  
Response: 78478137  
Conc: 47.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



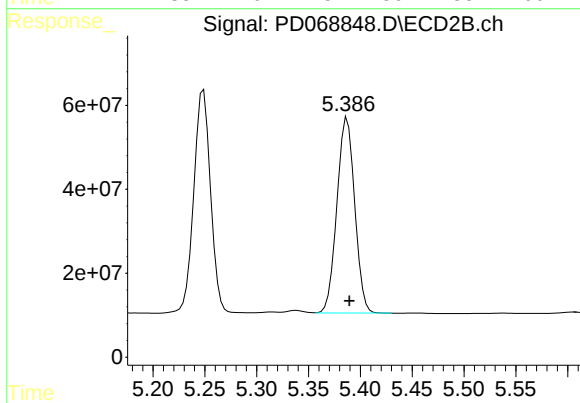
#3 gamma-BHC (Lindane)

R.T.: 4.860 min  
Delta R.T.: -0.002 min  
Response: 618382478  
Conc: 49.46 ng/ml



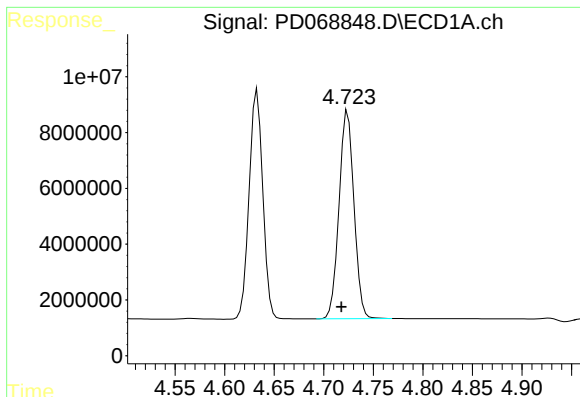
#4 Heptachlor

R.T.: 4.476 min  
Delta R.T.: 0.006 min  
Response: 70357578  
Conc: 42.71 ng/ml



#4 Heptachlor

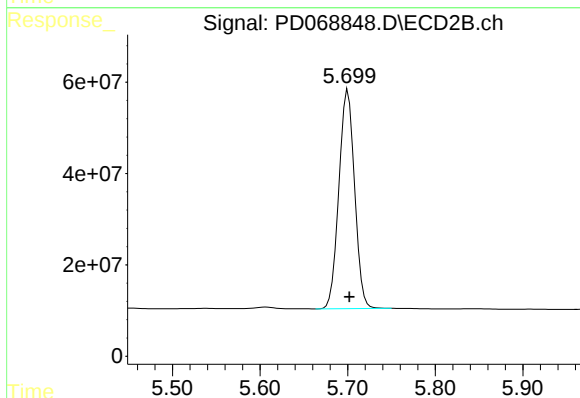
R.T.: 5.387 min  
Delta R.T.: -0.002 min  
Response: 555862173  
Conc: 46.77 ng/ml



#5 Aldrin

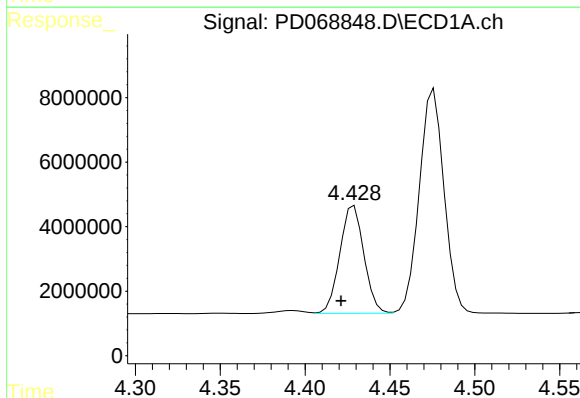
R.T.: 4.724 min  
Delta R.T.: 0.006 min  
Response: 78259851  
Conc: 48.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



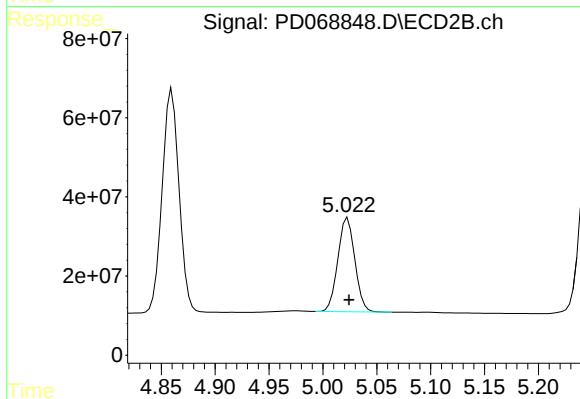
#5 Aldrin

R.T.: 5.700 min  
Delta R.T.: -0.002 min  
Response: 596927506  
Conc: 52.00 ng/ml



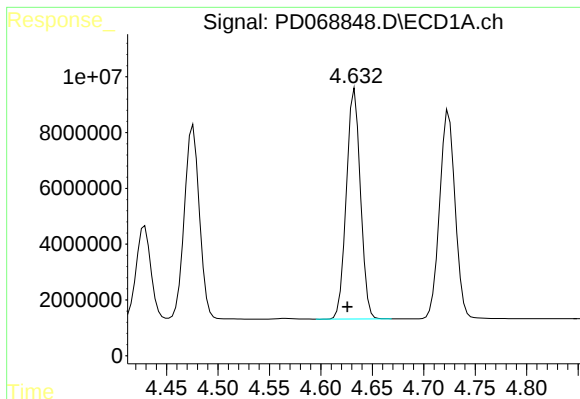
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.008 min  
Response: 32830399  
Conc: 44.09 ng/ml



#6 beta-BHC

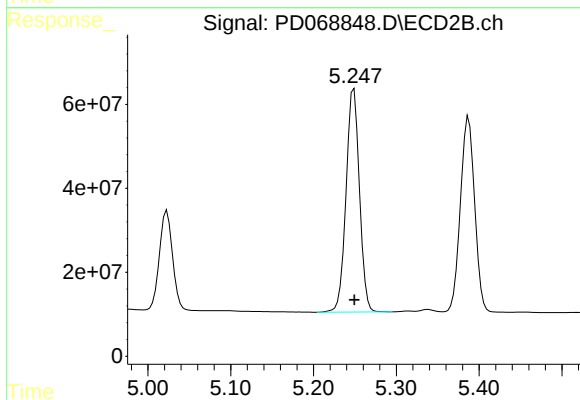
R.T.: 5.023 min  
Delta R.T.: -0.001 min  
Response: 260836858  
Conc: 47.51 ng/ml



#7 delta-BHC

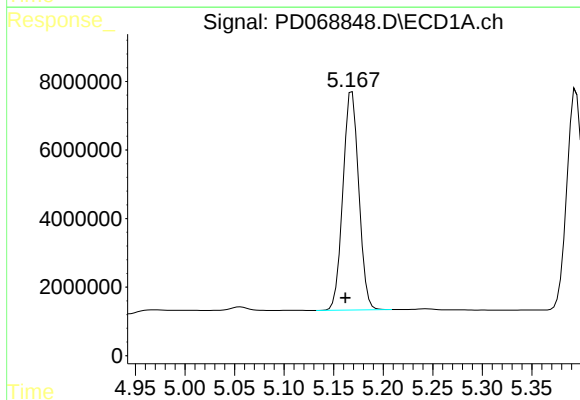
R.T.: 4.633 min  
Delta R.T.: 0.007 min  
Response: 78705268  
Conc: 48.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



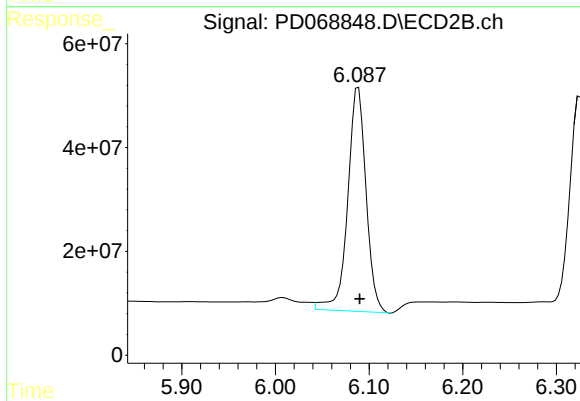
#7 delta-BHC

R.T.: 5.249 min  
Delta R.T.: 0.000 min  
Response: 598485265  
Conc: 49.77 ng/ml



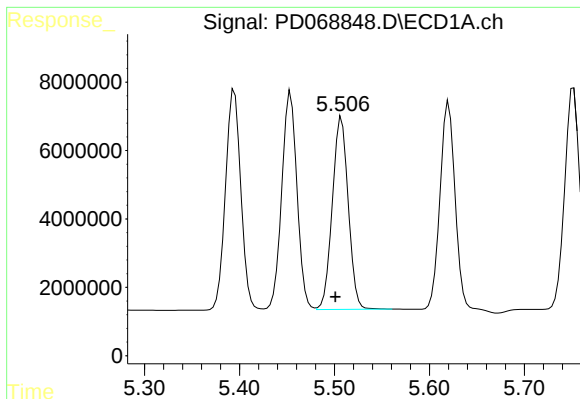
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.007 min  
Response: 70929102  
Conc: 47.43 ng/ml



#8 Heptachlor epoxide

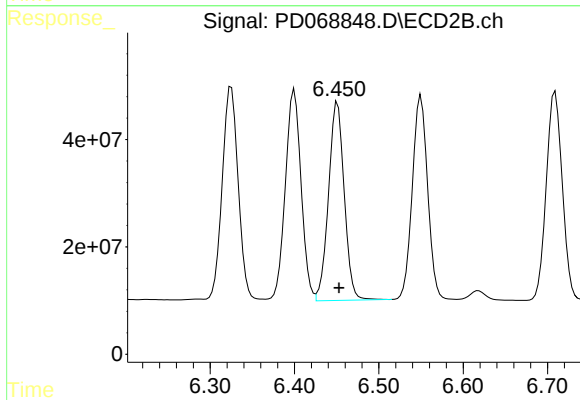
R.T.: 6.089 min  
Delta R.T.: -0.001 min  
Response: 588600256  
Conc: 56.36 ng/ml



#9 Endosulfan I

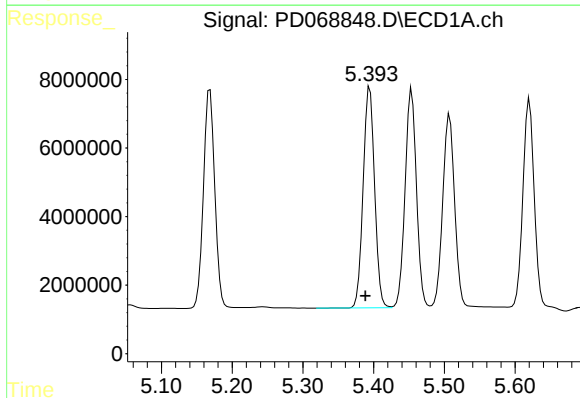
R.T.: 5.508 min  
Delta R.T.: 0.006 min  
Response: 65595558  
Conc: 46.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



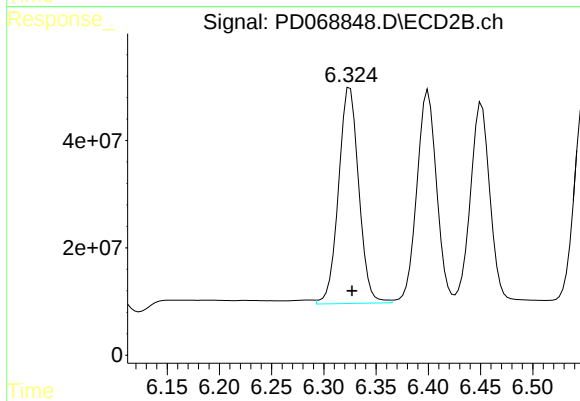
#9 Endosulfan I

R.T.: 6.451 min  
Delta R.T.: -0.002 min  
Response: 480037006  
Conc: 51.19 ng/ml



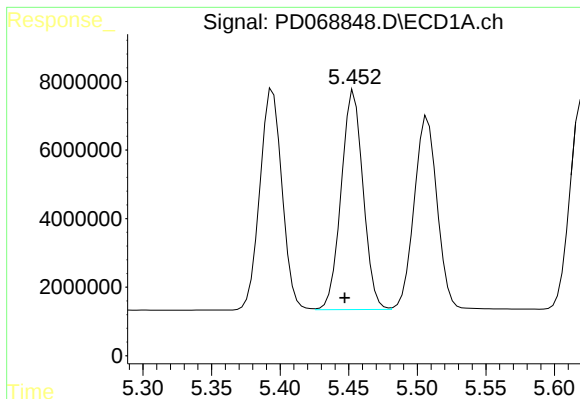
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: 0.006 min  
Response: 72260234  
Conc: 47.64 ng/ml



#10 gamma-Chlordane

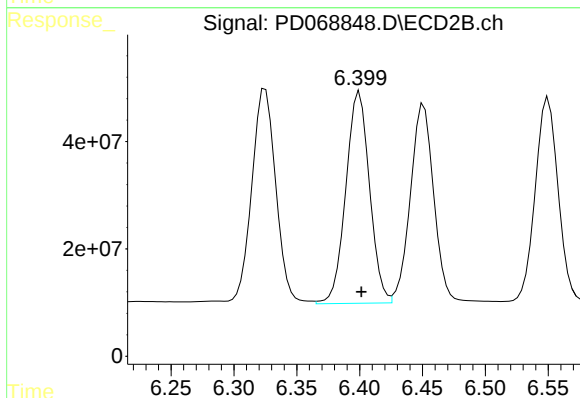
R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 542542333  
Conc: 52.64 ng/ml



#11 alpha-Chlordane

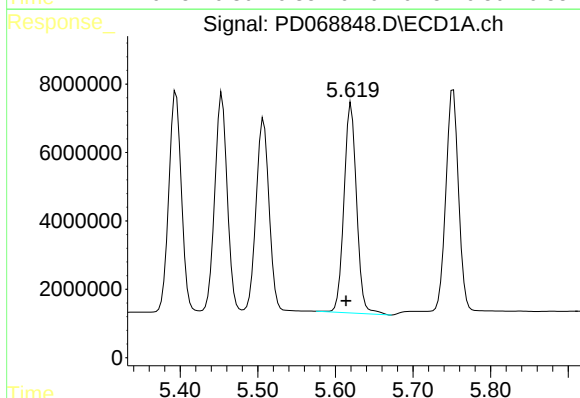
R.T.: 5.454 min  
Delta R.T.: 0.007 min  
Response: 71054745  
Conc: 47.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



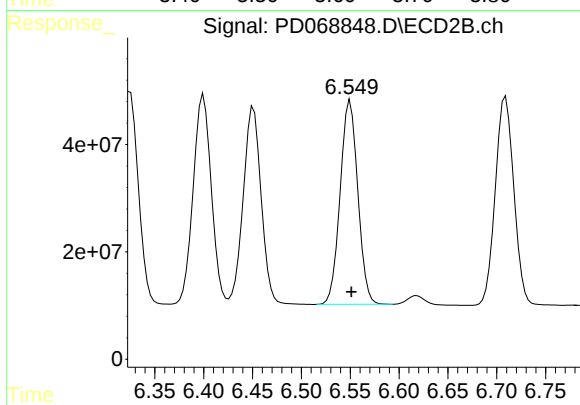
#11 alpha-Chlordane

R.T.: 6.400 min  
Delta R.T.: -0.001 min  
Response: 51755529  
Conc: 51.98 ng/ml



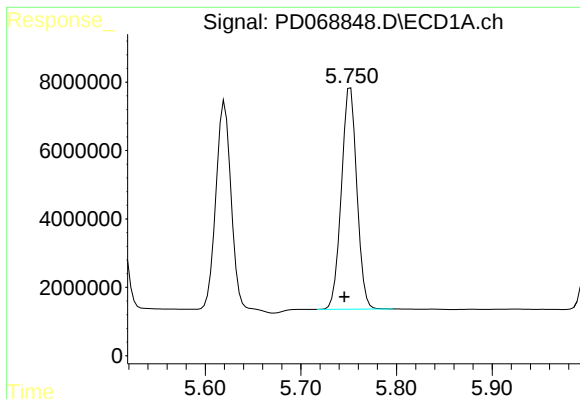
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.006 min  
Response: 69328293  
Conc: 50.68 ng/ml



#12 4,4'-DDE

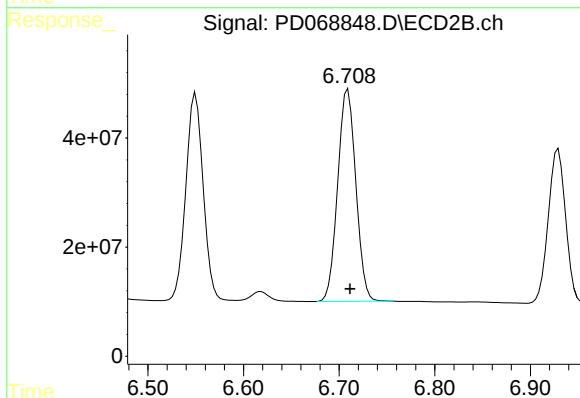
R.T.: 6.550 min  
Delta R.T.: -0.001 min  
Response: 479137742  
Conc: 51.70 ng/ml



#13 Dieldrin

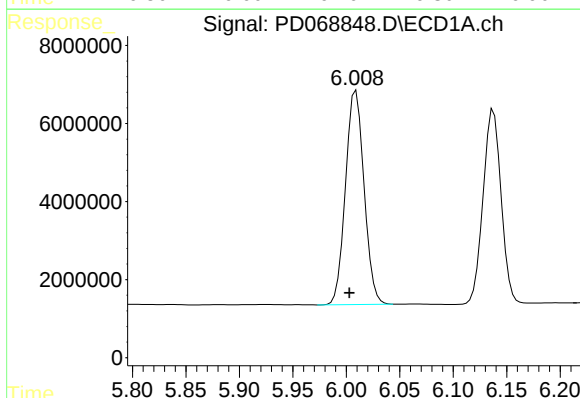
R.T.: 5.752 min  
Delta R.T.: 0.006 min  
Response: 73158831  
Conc: 50.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



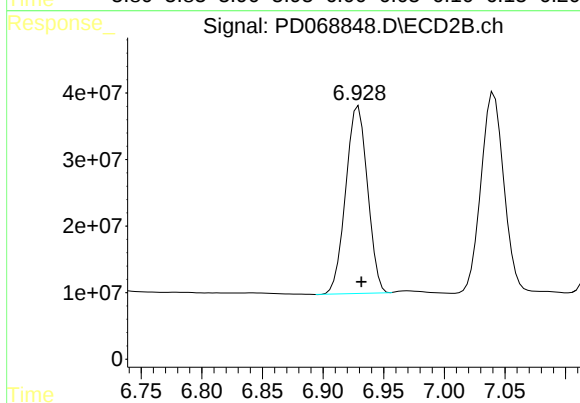
#13 Dieldrin

R.T.: 6.709 min  
Delta R.T.: -0.002 min  
Response: 513890387  
Conc: 52.91 ng/ml



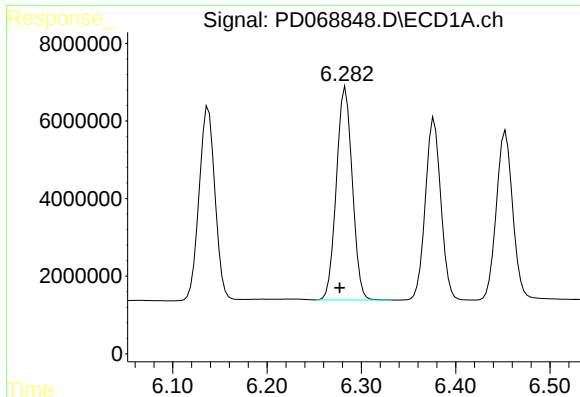
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.006 min  
Response: 66324319  
Conc: 50.35 ng/ml



#14 Endrin

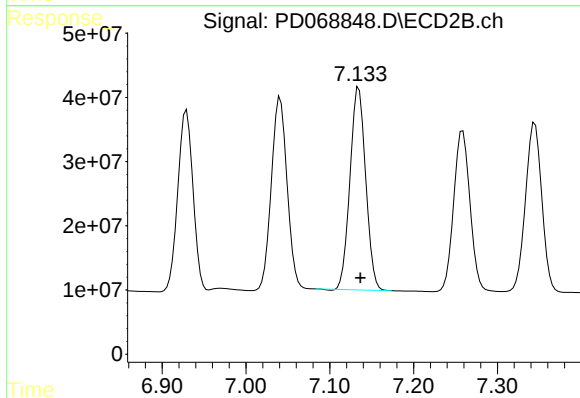
R.T.: 6.929 min  
Delta R.T.: -0.003 min  
Response: 352276348  
Conc: 45.53 ng/ml



#15 Endosulfan II

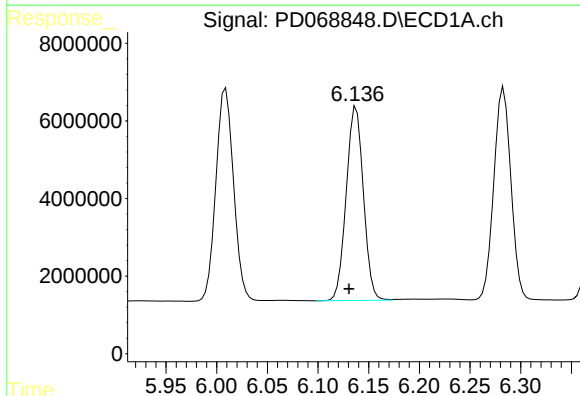
R.T.: 6.283 min  
Delta R.T.: 0.006 min  
Response: 64251932  
Conc: 51.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



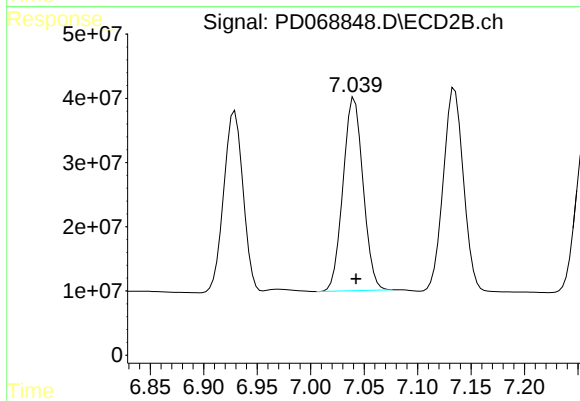
#15 Endosulfan II

R.T.: 7.135 min  
Delta R.T.: -0.002 min  
Response: 411093019  
Conc: 54.39 ng/ml



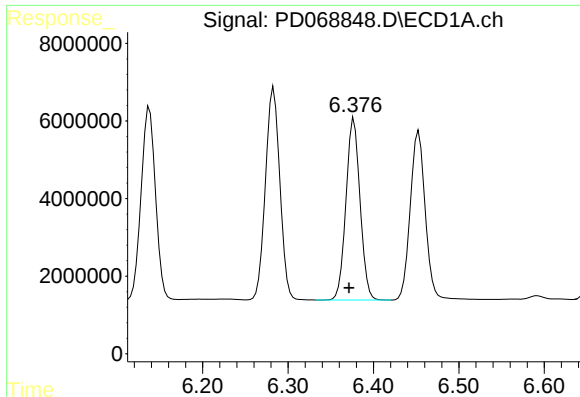
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: 0.007 min  
Response: 58756127  
Conc: 49.83 ng/ml



#16 4,4'-DDD

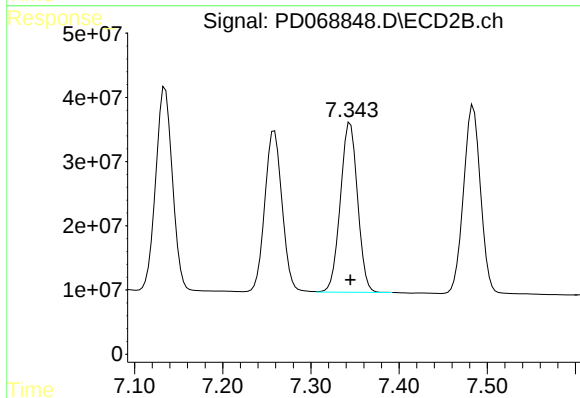
R.T.: 7.041 min  
Delta R.T.: -0.001 min  
Response: 392773641  
Conc: 53.18 ng/ml



#17 4,4'-DDT

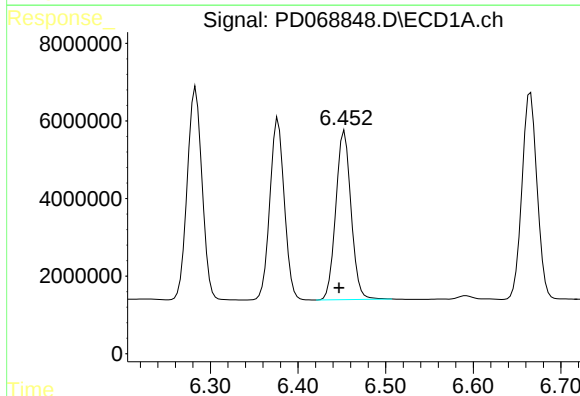
R.T.: 6.377 min  
Delta R.T.: 0.006 min  
Response: 53619738  
Conc: 44.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



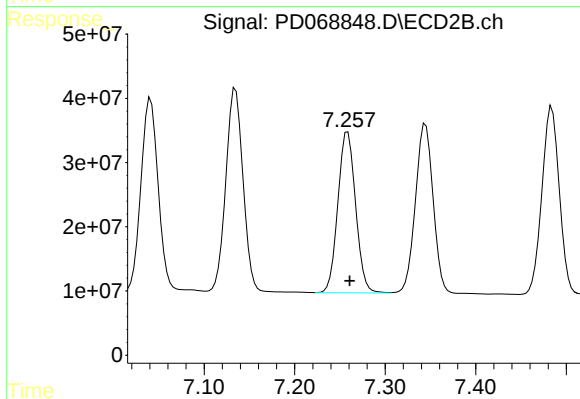
#17 4,4'-DDT

R.T.: 7.345 min  
Delta R.T.: 0.000 min  
Response: 358093416  
Conc: 48.74 ng/ml



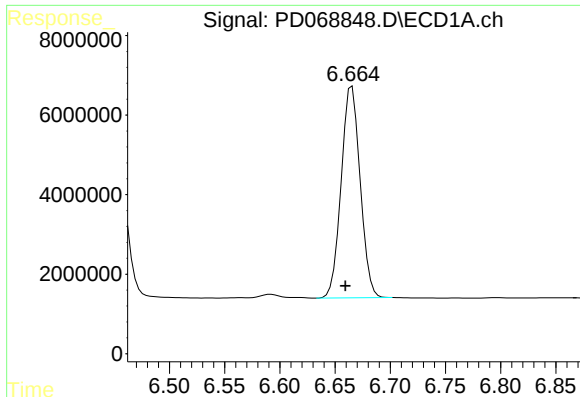
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: 0.006 min  
Response: 52610884  
Conc: 53.00 ng/ml



#18 Endrin aldehyde

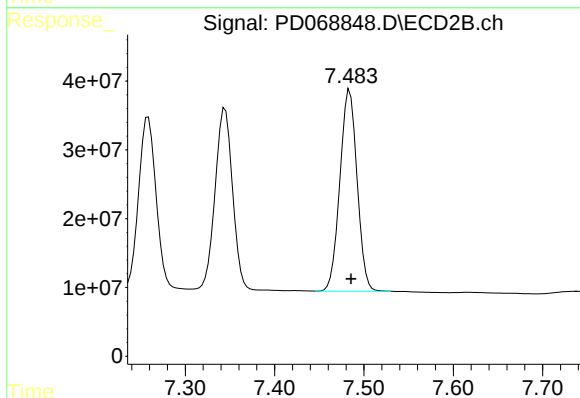
R.T.: 7.259 min  
Delta R.T.: -0.002 min  
Response: 340967207  
Conc: 56.34 ng/ml



#19 Endosulfan Sulfate

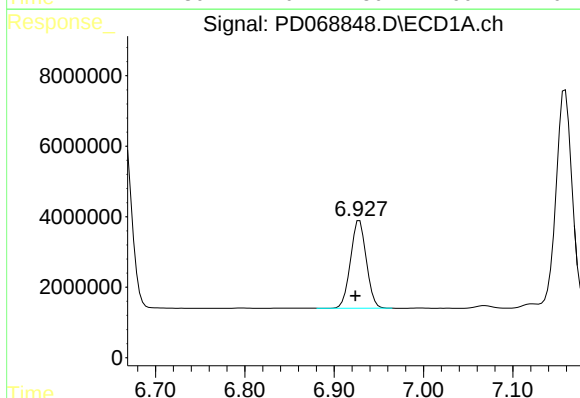
R.T.: 6.665 min  
Delta R.T.: 0.006 min  
Response: 63587191  
Conc: 49.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



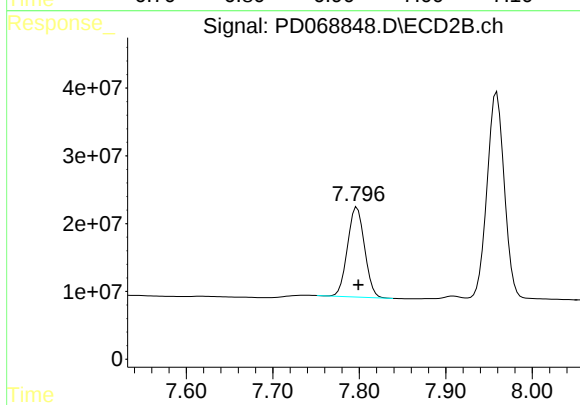
#19 Endosulfan Sulfate

R.T.: 7.484 min  
Delta R.T.: -0.001 min  
Response: 391502954  
Conc: 53.23 ng/ml



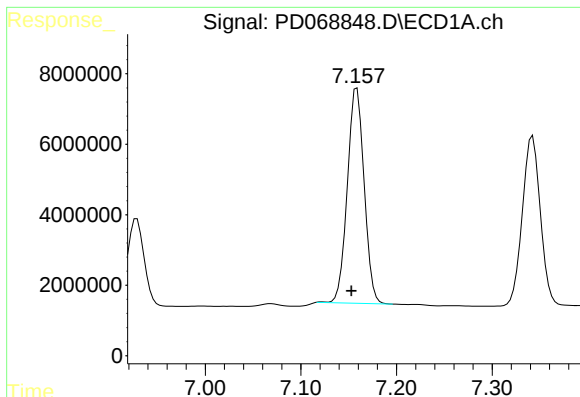
#20 Methoxychlor

R.T.: 6.928 min  
Delta R.T.: 0.005 min  
Response: 30590045  
Conc: 44.14 ng/ml



#20 Methoxychlor

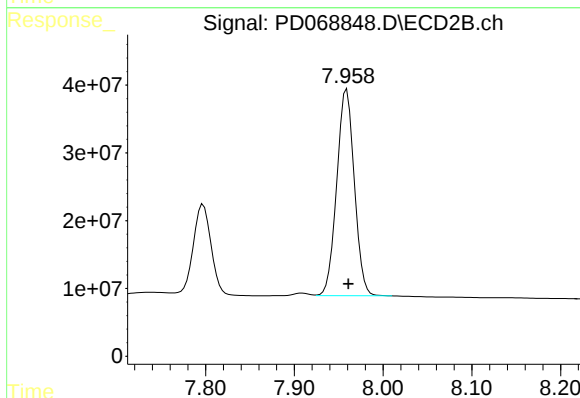
R.T.: 7.797 min  
Delta R.T.: -0.002 min  
Response: 180526893  
Conc: 49.52 ng/ml



#21 Endrin ketone

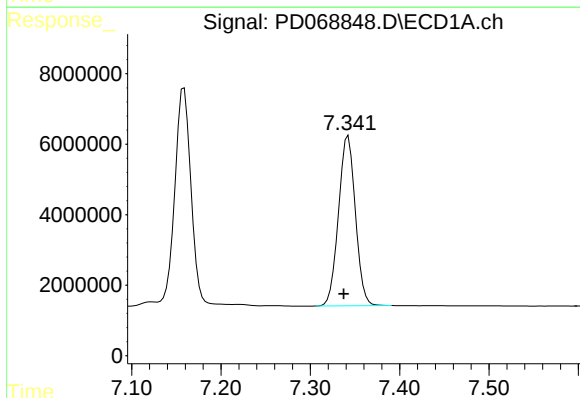
R.T.: 7.159 min  
Delta R.T.: 0.006 min  
Response: 74831278  
Conc: 50.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



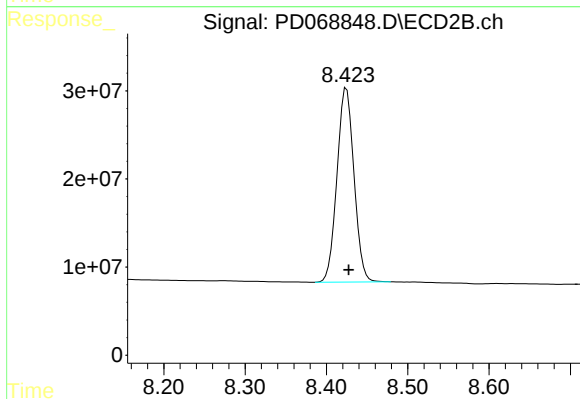
#21 Endrin ketone

R.T.: 7.959 min  
Delta R.T.: -0.002 min  
Response: 419998953  
Conc: 54.20 ng/ml



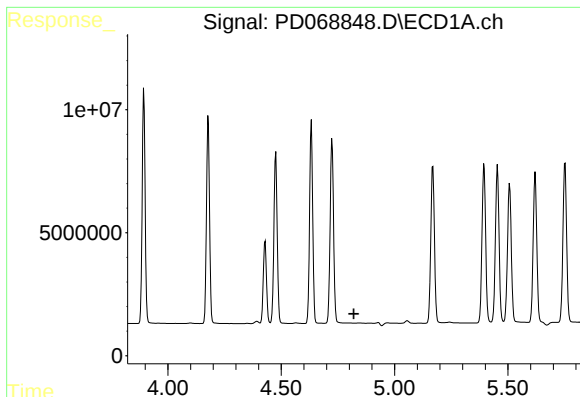
#22 Mirex

R.T.: 7.342 min  
Delta R.T.: 0.005 min  
Response: 63248298  
Conc: 53.37 ng/ml



#22 Mirex

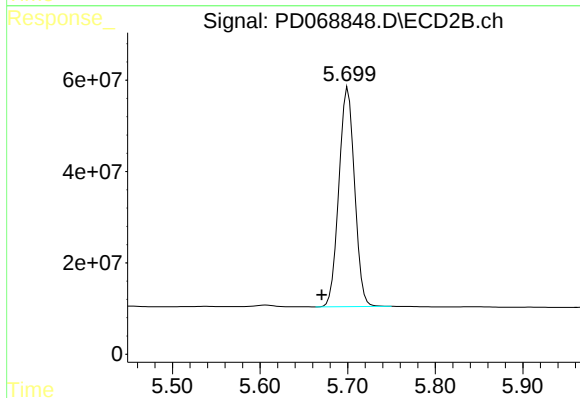
R.T.: 8.425 min  
Delta R.T.: -0.003 min  
Response: 320202648  
Conc: 58.42 ng/ml



#24 Chlordane-2

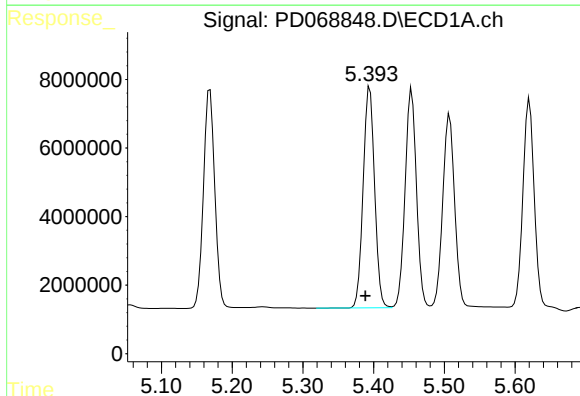
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



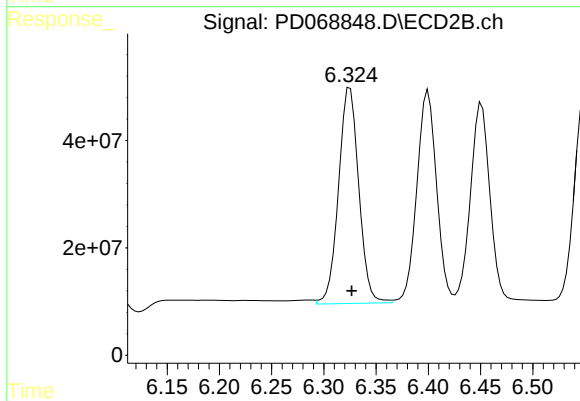
#24 Chlordane-2

R.T.: 5.700 min  
Delta R.T.: 0.030 min  
Response: 596927506  
Conc: 1561.46 ng/ml



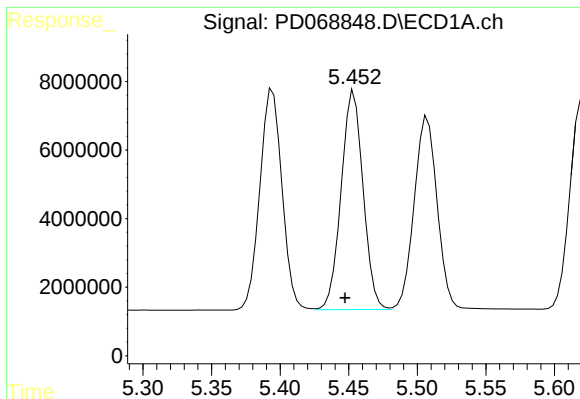
#25 Chlordane-3

R.T.: 5.395 min  
Delta R.T.: 0.006 min  
Response: 72260234  
Conc: 518.24 ng/ml



#25 Chlordane-3

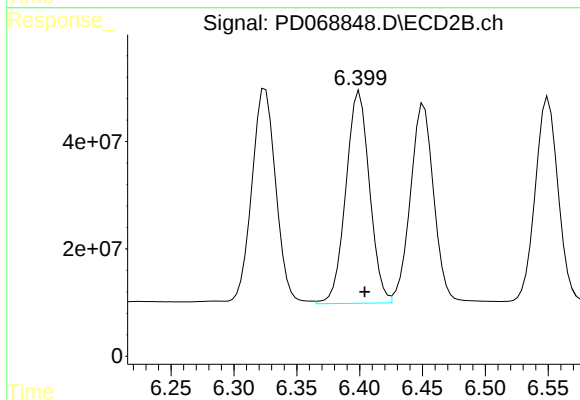
R.T.: 6.325 min  
Delta R.T.: -0.002 min  
Response: 542542333  
Conc: 403.80 ng/ml



#26 Chlordane-4

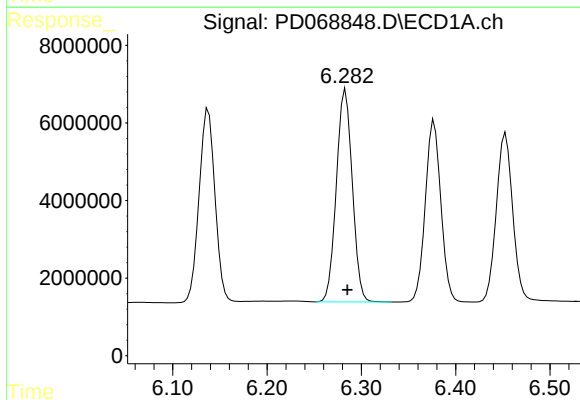
R.T.: 5.454 min  
Delta R.T.: 0.006 min  
Response: 71054745  
Conc: 600.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



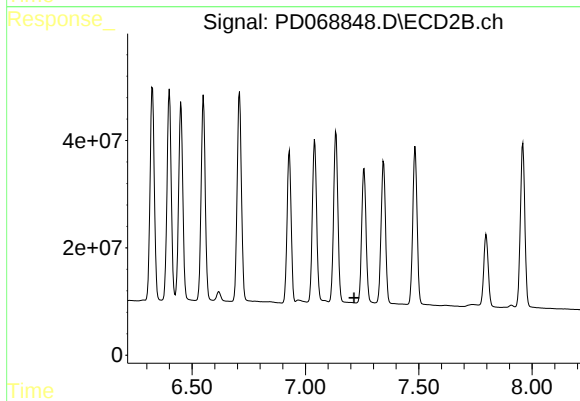
#26 Chlordane-4

R.T.: 6.400 min  
Delta R.T.: -0.004 min  
Response: 51755529  
Conc: 332.92 ng/ml



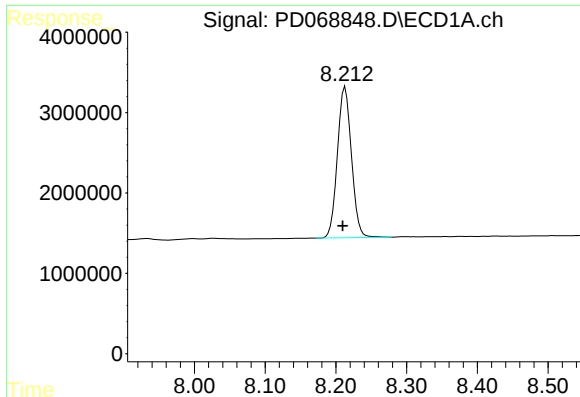
#27 Chlordane-5

R.T.: 6.283 min  
Delta R.T.: -0.002 min  
Response: 64251932  
Conc: 1286.08 ng/ml



#27 Chlordane-5

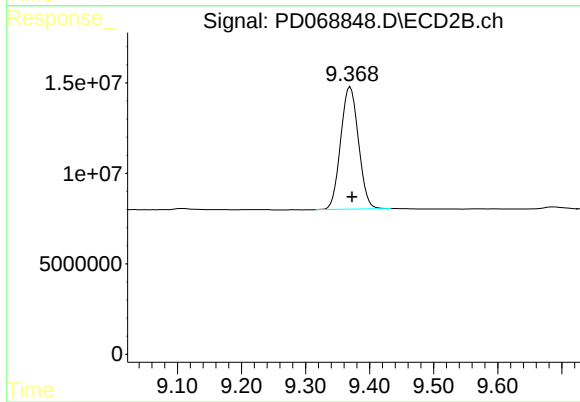
R.T.: 0.000 min  
Exp R.T. : 7.215 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.213 min  
Delta R.T.: 0.003 min  
Response: 25917194  
Conc: 20.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB143717BS



#28 Decachlorobiphenyl

R.T.: 9.370 min  
Delta R.T.: -0.003 min  
Response: 130636467  
Conc: 23.05 ng/ml