

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040422\  
 Data File : PD068926.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Apr 2022 16:42  
 Operator : AR\AJ  
 Sample : PB143840BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 05 01:34:25 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  | 22411145 | 192.1E6 | 18.458   | 20.091     |
| 28)                         | SA Decachlor... | 8.204  | 9.369  | 24381361 | 119.0E6 | 19.299   | 21.004     |
| Target Compounds            |                 |        |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.885  | 4.569  | 87221884 | 665.2E6 | 48.174   | 48.332     |
| 3)                          | MA gamma-BHC... | 4.168  | 4.860  | 81360058 | 607.0E6 | 48.725   | 48.546     |
| 4)                          | MA Heptachlor   | 4.466  | 5.387  | 77909901 | 582.2E6 | 47.290   | 48.990     |
| 5)                          | MB Aldrin       | 4.714  | 5.700  | 78189822 | 577.6E6 | 48.926   | 50.317     |
| 6)                          | B beta-BHC      | 4.419  | 5.023  | 34546196 | 260.5E6 | 46.398   | 47.444     |
| 7)                          | B delta-BHC     | 4.623  | 5.248  | 80470462 | 587.4E6 | 49.241   | 48.842     |
| 8)                          | B Heptachlo...  | 5.158  | 6.087  | 72818208 | 520.9E6 | 48.692   | 49.877     |
| 9)                          | A Endosulfan I  | 5.496  | 6.450  | 68617047 | 465.6E6 | 49.038   | 49.647     |
| 10)                         | B gamma-Chl...  | 5.384  | 6.324  | 74279244 | 510.3E6 | 48.966   | 49.507     |
| 11)                         | B alpha-Chl...  | 5.443  | 6.399  | 73401496 | 495.7E6 | 49.109   | 49.784     |
| 12)                         | B 4,4'-DDE      | 5.609  | 6.549  | 69538117 | 468.7E6 | 50.830   | 50.579     |
| 13)                         | MA Dieldrin     | 5.741  | 6.709  | 73657411 | 485.9E6 | 50.446   | 50.025     |
| 14)                         | MA Endrin       | 5.999  | 6.929  | 65807787 | 386.3E6 | 49.956   | 49.931     |
| 15)                         | B Endosulfa...  | 6.272  | 7.134  | 62848943 | 379.9E6 | 50.426   | 50.260     |
| 16)                         | A 4,4'-DDD      | 6.126  | 7.040  | 59729893 | 378.1E6 | 50.652   | 51.192     |
| 17)                         | MA 4,4'-DDT     | 6.366  | 7.343  | 59231544 | 376.0E6 | 49.279   | 51.178     |
| 18)                         | B Endrin al...  | 6.442  | 7.258  | 50233906 | 308.9E6 | 50.601   | 51.048     |
| 19)                         | B Endosulfa...  | 6.655  | 7.483  | 63298828 | 367.9E6 | 49.498   | 50.019     |
| 20)                         | A Methoxychlor  | 6.916  | 7.796  | 33460576 | 184.0E6 | 48.282   | 50.485     |
| 21)                         | B Endrin ke...  | 7.148  | 7.958  | 72396615 | 383.7E6 | 49.177   | 49.512     |
| 22)                         | Mirex           | 7.332  | 8.423  | 60326870 | 297.5E6 | 50.901   | 54.269     |
| 23)                         | Chlordane-1     | 4.344f | 5.178f | 352284   | 502795  | 8.301    | 1.274 #    |
| 24)                         | Chlordane-2     | 0.000  | 5.700f | 0        | 577.6E6 | N.D.     | 1510.861 # |
| 25)                         | Chlordane-3     | 5.384  | 6.324  | 74279244 | 510.3E6 | 532.725  | 379.788 #  |
| 26)                         | Chlordane-4     | 5.443  | 6.399  | 73401496 | 495.7E6 | 620.203  | 318.837 #  |
| 27)                         | Chlordane-5     | 6.272  | 0.000  | 62848943 | 0       | 1257.994 | N.D. #     |
| -----                       |                 |        |        |          |         |          |            |

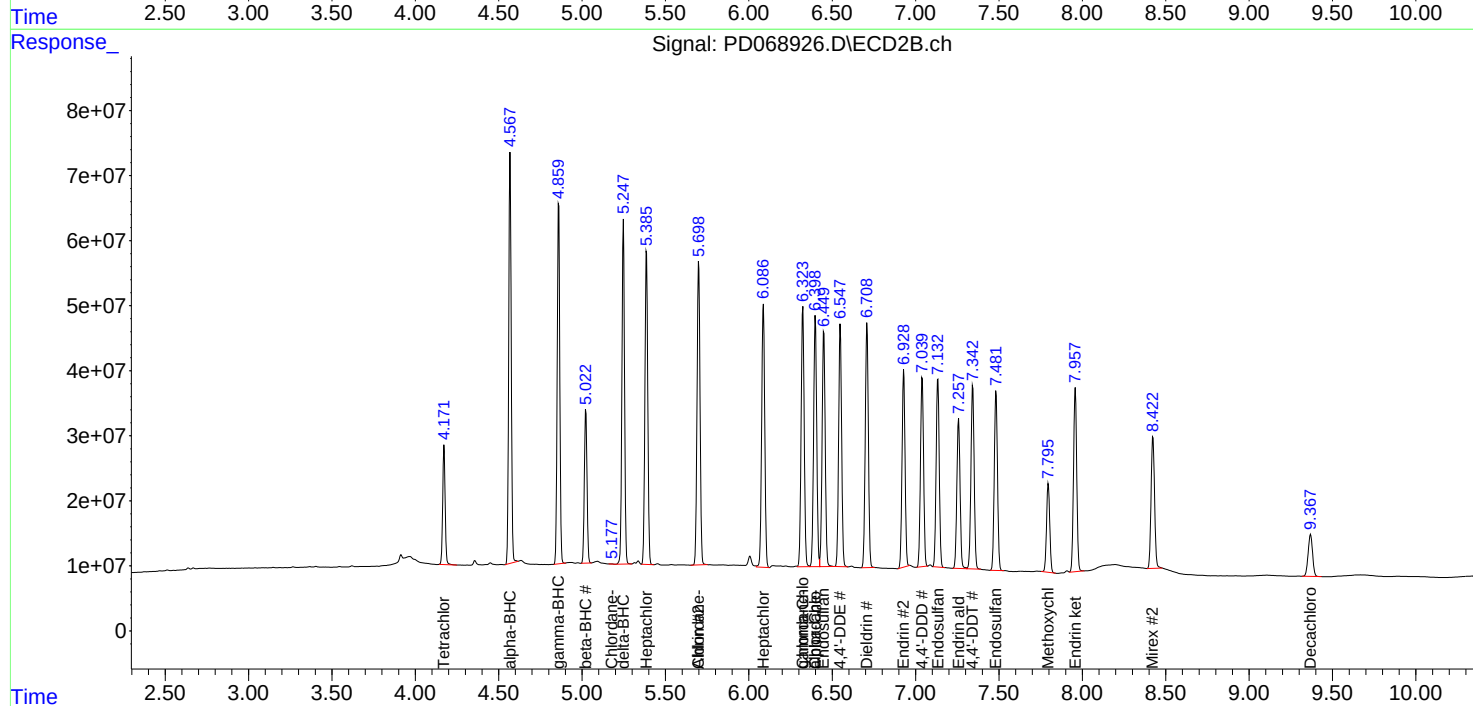
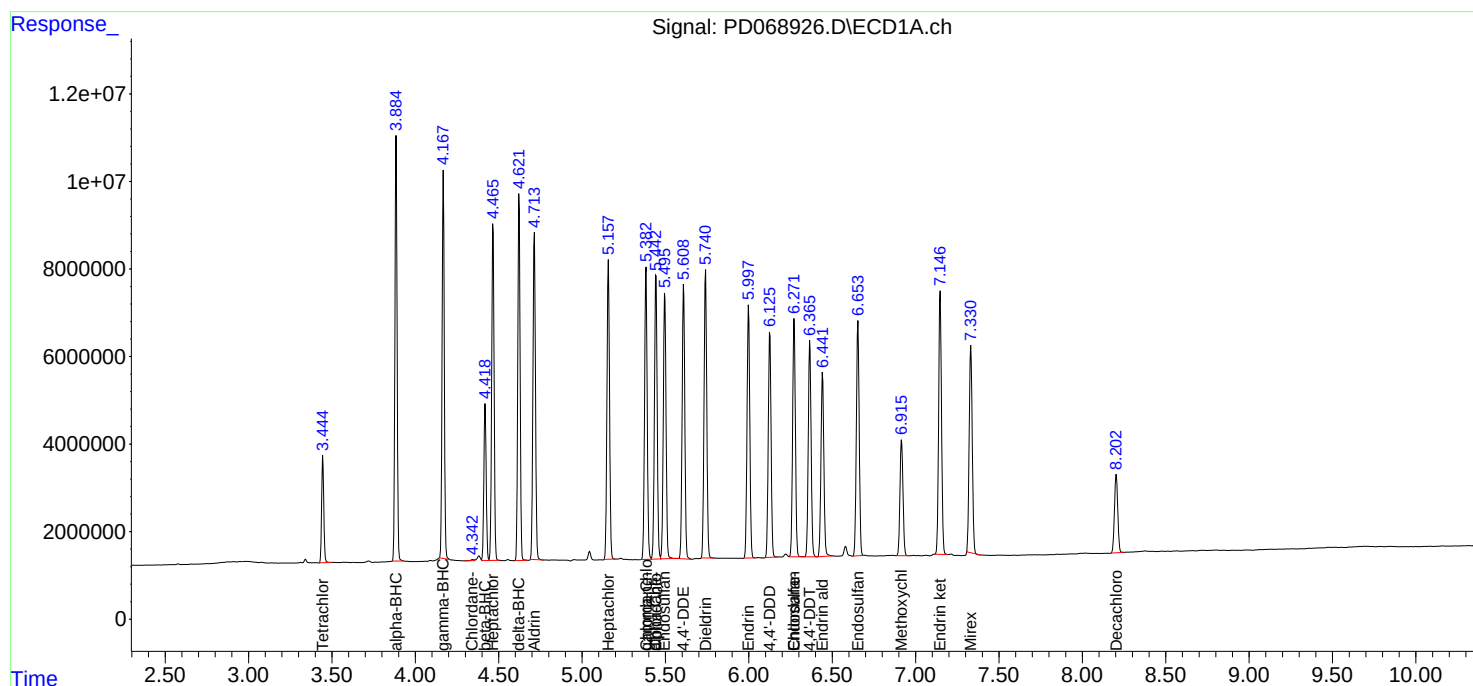
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

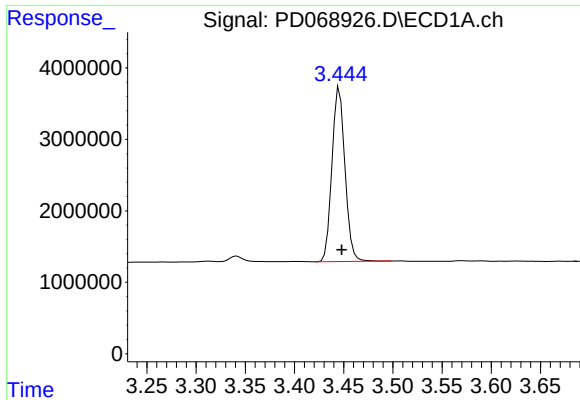
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040422\  
Data File : PD068926.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Apr 2022 16:42  
Operator : AR\AJ  
Sample : PB143840BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 05 01:34:25 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

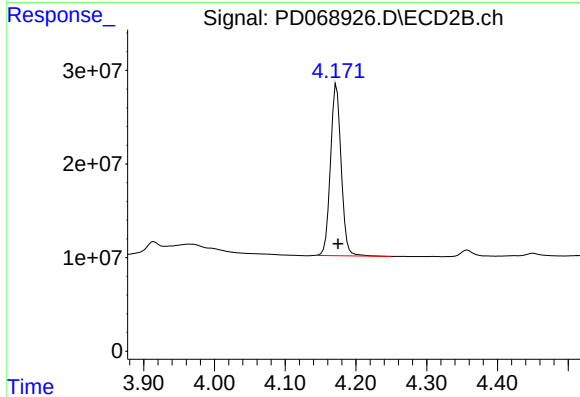




#1 Tetrachloro-m-xylene

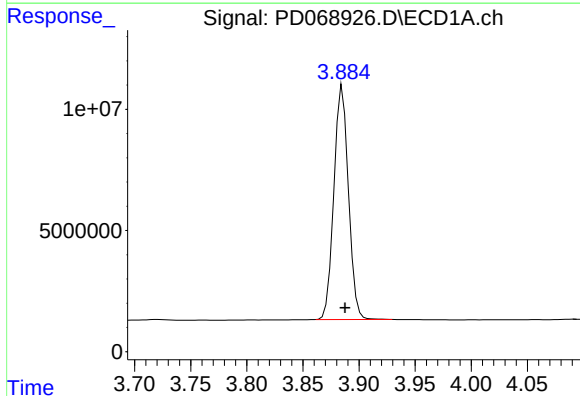
R.T.: 3.446 min  
Delta R.T.: -0.002 min  
Response: 22411145  
Conc: 18.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



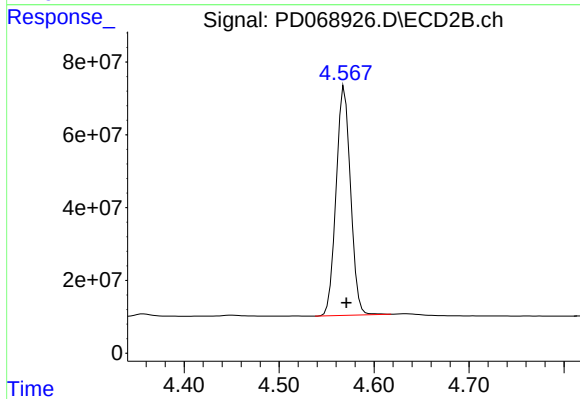
#1 Tetrachloro-m-xylene

R.T.: 4.173 min  
Delta R.T.: -0.002 min  
Response: 192085303  
Conc: 20.09 ng/ml



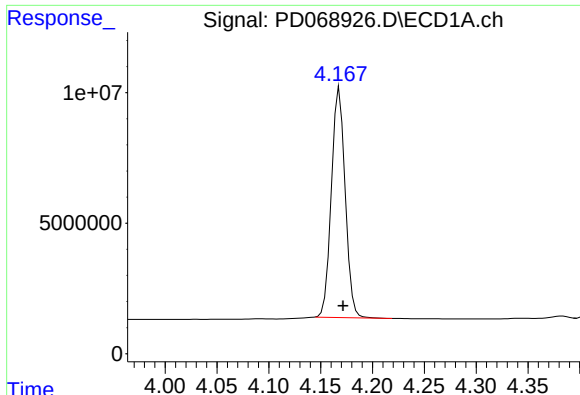
#2 alpha-BHC

R.T.: 3.885 min  
Delta R.T.: -0.002 min  
Response: 87221884  
Conc: 48.17 ng/ml



#2 alpha-BHC

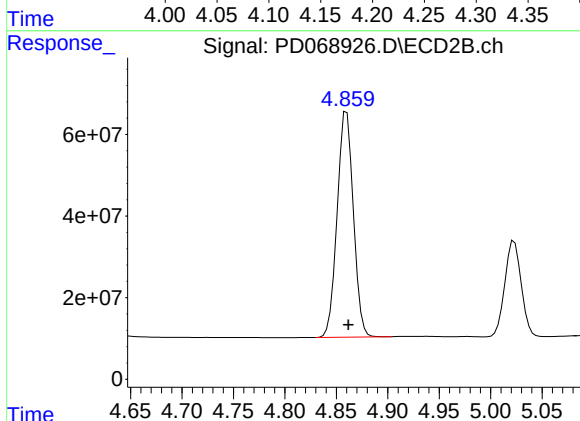
R.T.: 4.569 min  
Delta R.T.: -0.002 min  
Response: 665191532  
Conc: 48.33 ng/ml



#3 gamma-BHC (Lindane)

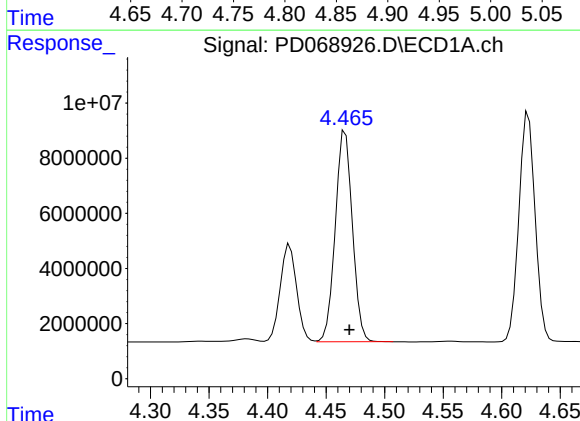
R.T.: 4.168 min  
Delta R.T.: -0.004 min  
Response: 81360058  
Conc: 48.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



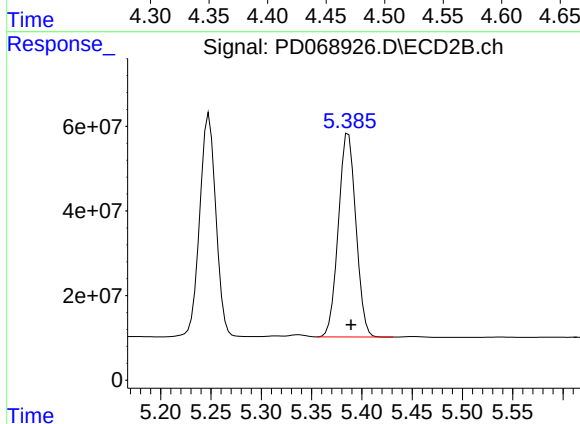
#3 gamma-BHC (Lindane)

R.T.: 4.860 min  
Delta R.T.: -0.002 min  
Response: 606985725  
Conc: 48.55 ng/ml



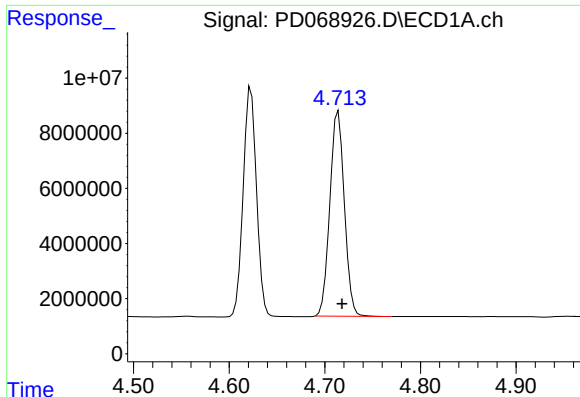
#4 Heptachlor

R.T.: 4.466 min  
Delta R.T.: -0.004 min  
Response: 77909901  
Conc: 47.29 ng/ml



#4 Heptachlor

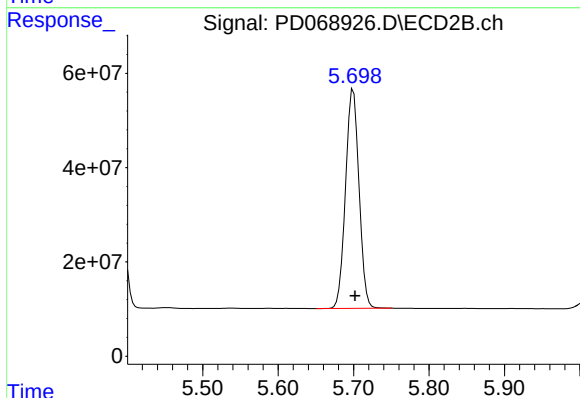
R.T.: 5.387 min  
Delta R.T.: -0.003 min  
Response: 582209267  
Conc: 48.99 ng/ml



#5 Aldrin

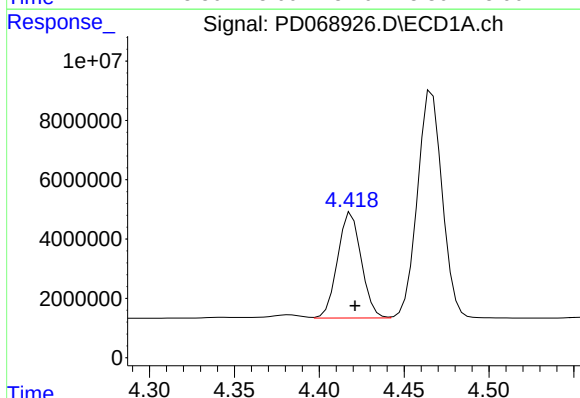
R.T.: 4.714 min  
Delta R.T.: -0.004 min  
Response: 78189822  
Conc: 48.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



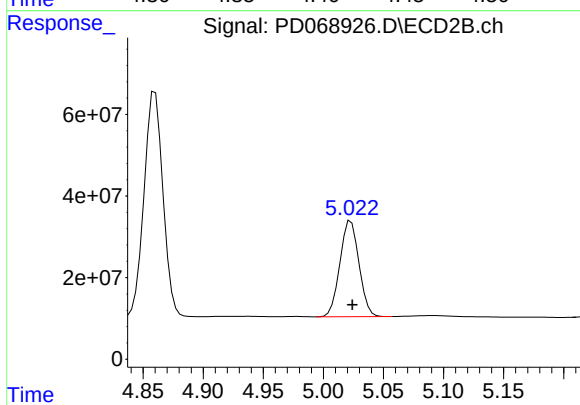
#5 Aldrin

R.T.: 5.700 min  
Delta R.T.: -0.002 min  
Response: 577584139  
Conc: 50.32 ng/ml



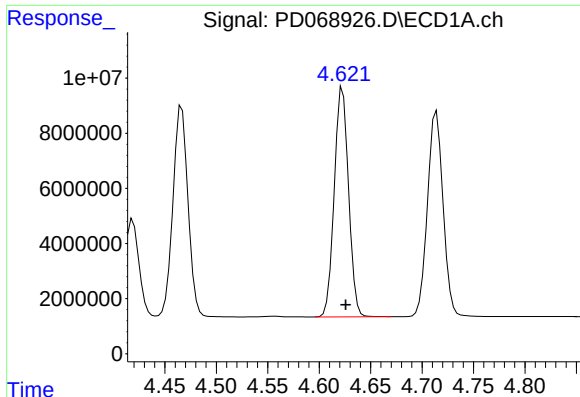
#6 beta-BHC

R.T.: 4.419 min  
Delta R.T.: -0.002 min  
Response: 34546196  
Conc: 46.40 ng/ml



#6 beta-BHC

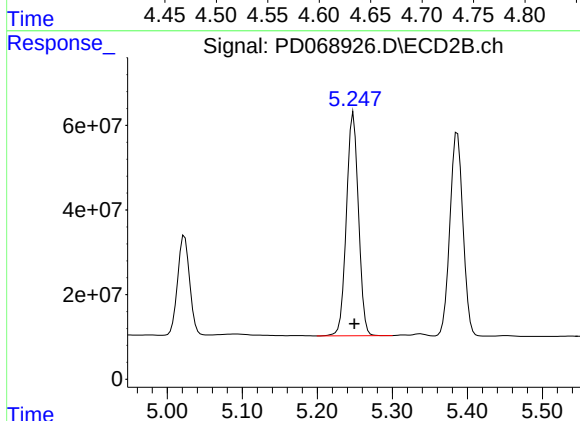
R.T.: 5.023 min  
Delta R.T.: -0.001 min  
Response: 260462169  
Conc: 47.44 ng/ml



#7 delta-BHC

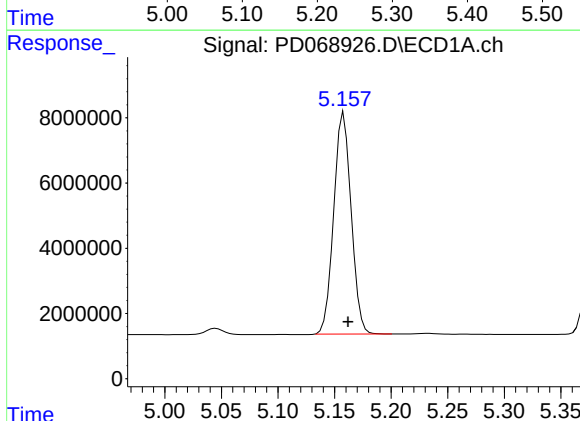
R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 80470462  
Conc: 49.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



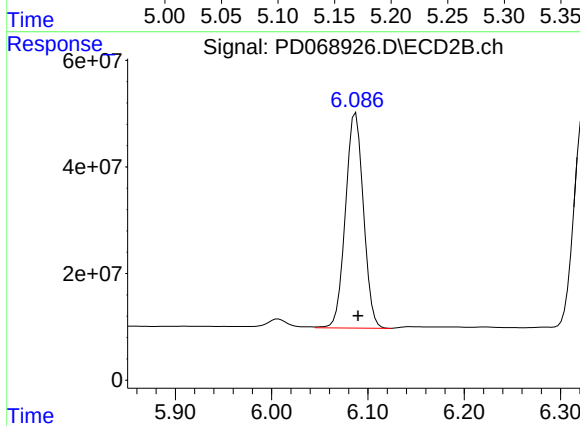
#7 delta-BHC

R.T.: 5.248 min  
Delta R.T.: -0.001 min  
Response: 587361960  
Conc: 48.84 ng/ml



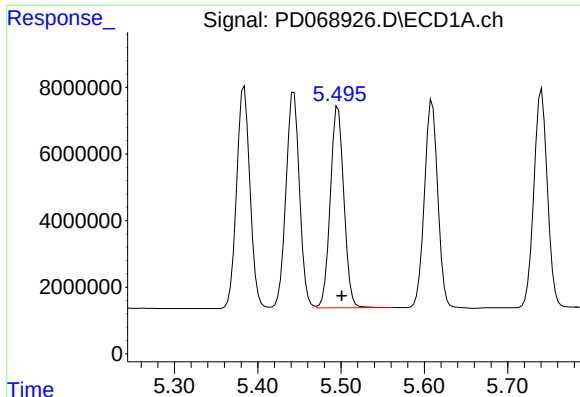
#8 Heptachlor epoxide

R.T.: 5.158 min  
Delta R.T.: -0.004 min  
Response: 72818208  
Conc: 48.69 ng/ml



#8 Heptachlor epoxide

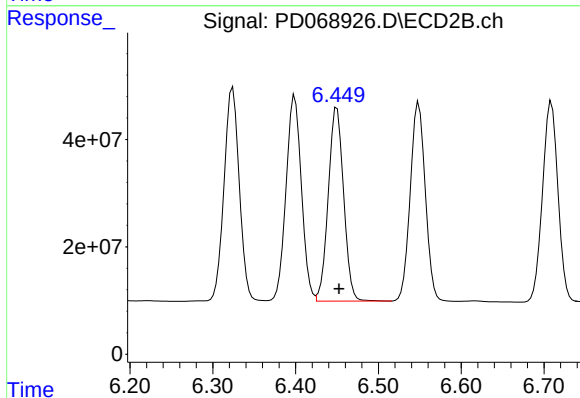
R.T.: 6.087 min  
Delta R.T.: -0.003 min  
Response: 520852429  
Conc: 49.88 ng/ml



#9 Endosulfan I

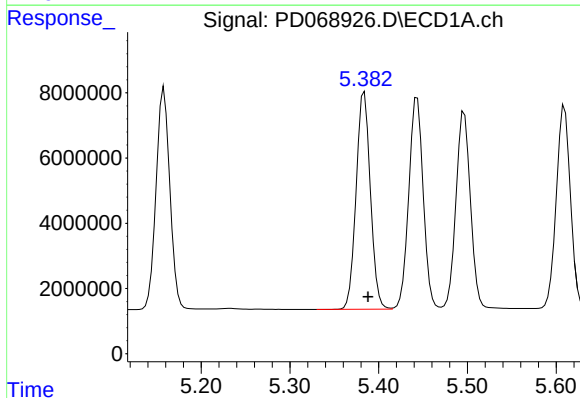
R.T.: 5.496 min  
Delta R.T.: -0.005 min  
Response: 68617047  
Conc: 49.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



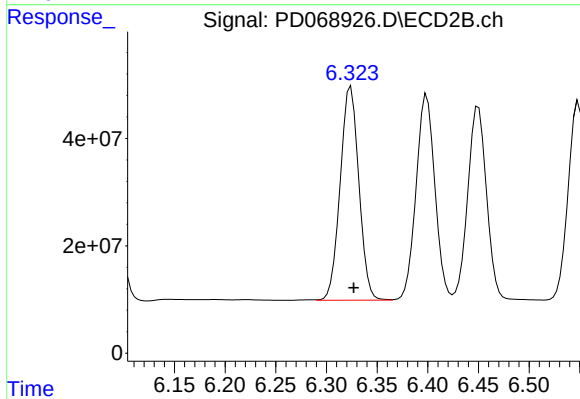
#9 Endosulfan I

R.T.: 6.450 min  
Delta R.T.: -0.003 min  
Response: 465599845  
Conc: 49.65 ng/ml



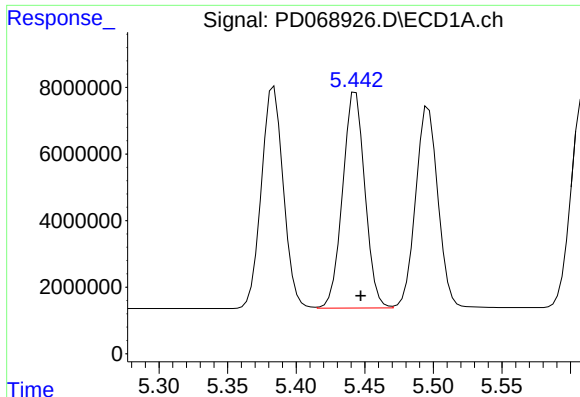
#10 gamma-Chlordane

R.T.: 5.384 min  
Delta R.T.: -0.004 min  
Response: 74279244  
Conc: 48.97 ng/ml



#10 gamma-Chlordane

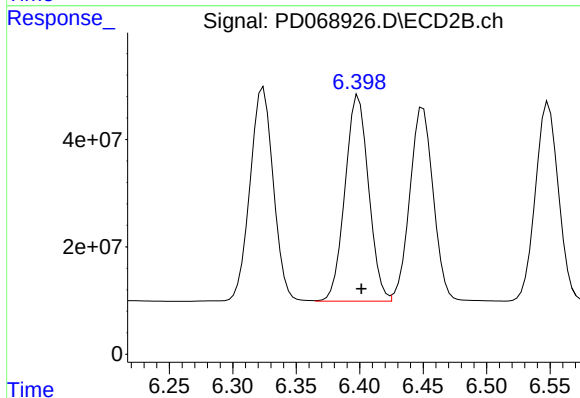
R.T.: 6.324 min  
Delta R.T.: -0.003 min  
Response: 510276572  
Conc: 49.51 ng/ml



#11 alpha-Chlordane

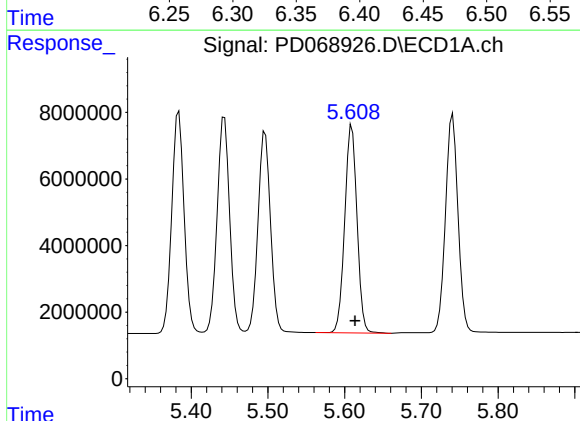
R.T.: 5.443 min  
Delta R.T.: -0.004 min  
Response: 73401496  
Conc: 49.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



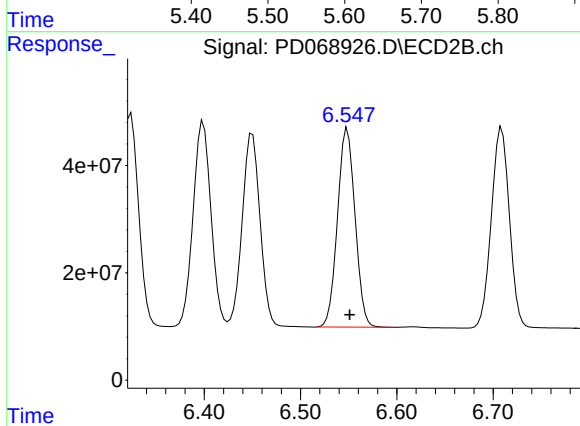
#11 alpha-Chlordane

R.T.: 6.399 min  
Delta R.T.: -0.002 min  
Response: 495660547  
Conc: 49.78 ng/ml



#12 4,4'-DDE

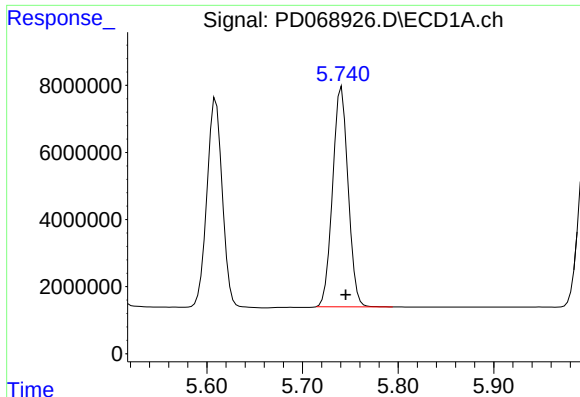
R.T.: 5.609 min  
Delta R.T.: -0.004 min  
Response: 69538117  
Conc: 50.83 ng/ml



#12 4,4'-DDE

R.T.: 6.549 min  
Delta R.T.: -0.003 min  
Response: 468712159  
Conc: 50.58 ng/ml

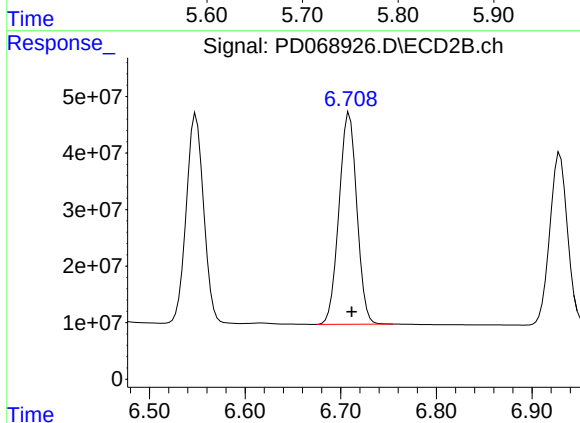




#13 Dieldrin

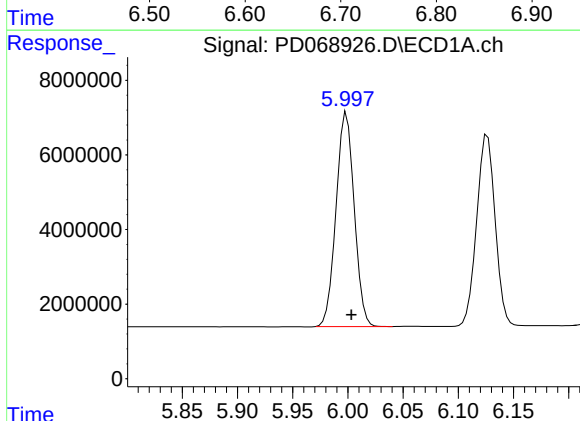
R.T.: 5.741 min  
Delta R.T.: -0.005 min  
Response: 73657411  
Conc: 50.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



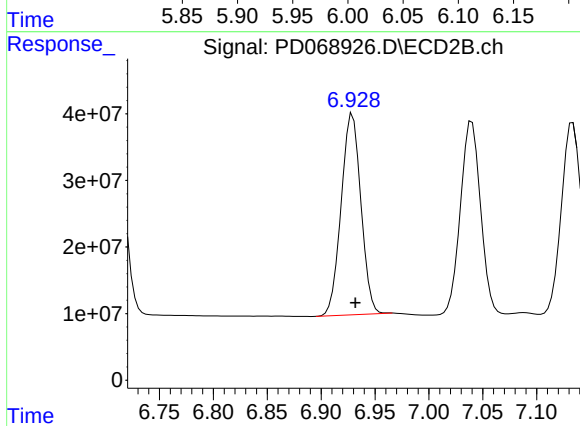
#13 Dieldrin

R.T.: 6.709 min  
Delta R.T.: -0.002 min  
Response: 485898819  
Conc: 50.03 ng/ml



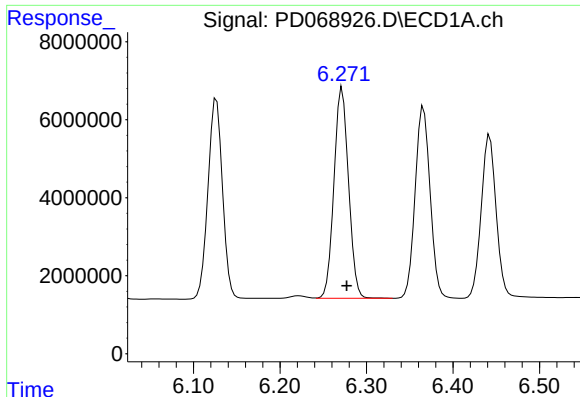
#14 Endrin

R.T.: 5.999 min  
Delta R.T.: -0.004 min  
Response: 65807787  
Conc: 49.96 ng/ml



#14 Endrin

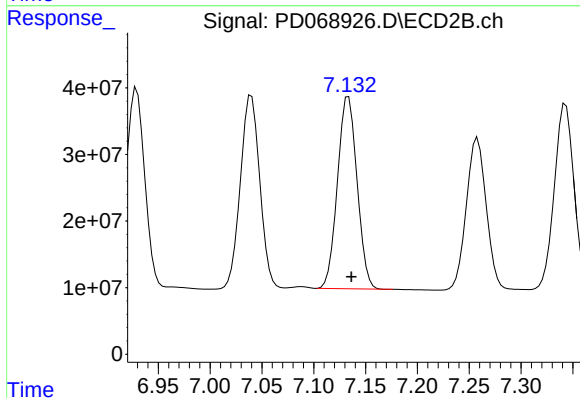
R.T.: 6.929 min  
Delta R.T.: -0.003 min  
Response: 386339067  
Conc: 49.93 ng/ml



#15 Endosulfan II

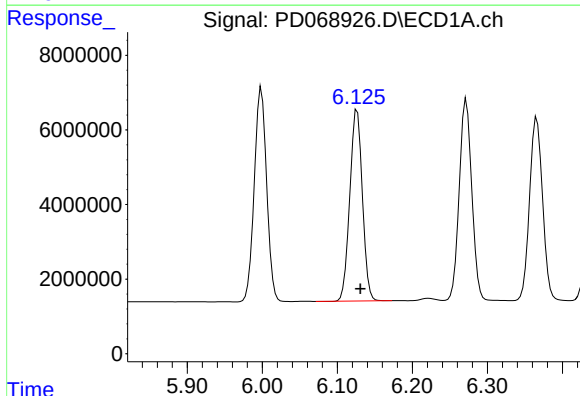
R.T.: 6.272 min  
Delta R.T.: -0.005 min  
Response: 62848943  
Conc: 50.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



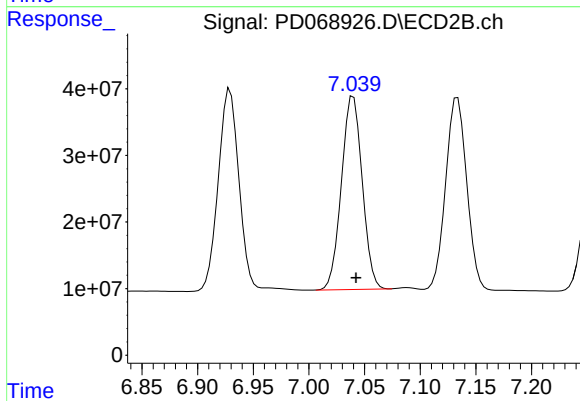
#15 Endosulfan II

R.T.: 7.134 min  
Delta R.T.: -0.003 min  
Response: 379892045  
Conc: 50.26 ng/ml



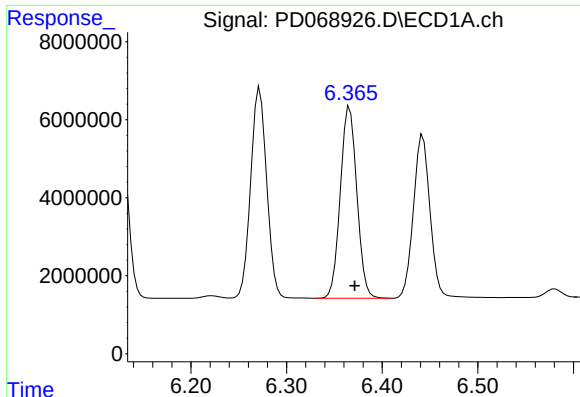
#16 4,4'-DDD

R.T.: 6.126 min  
Delta R.T.: -0.004 min  
Response: 59729893  
Conc: 50.65 ng/ml



#16 4,4'-DDD

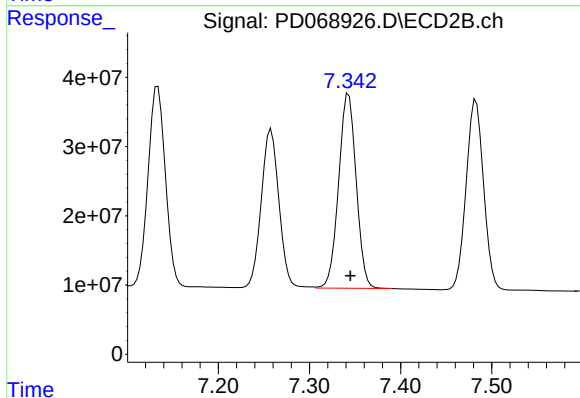
R.T.: 7.040 min  
Delta R.T.: -0.002 min  
Response: 378063927  
Conc: 51.19 ng/ml



#17 4,4'-DDT

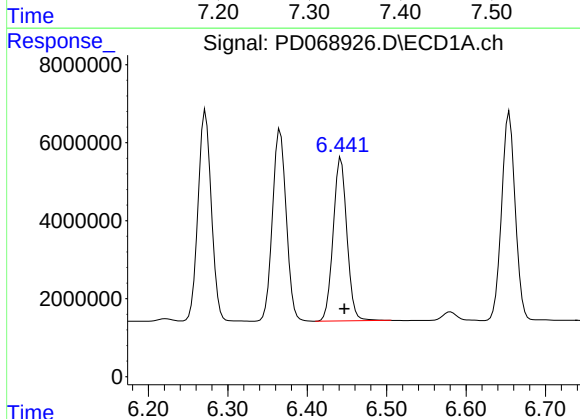
R.T.: 6.366 min  
Delta R.T.: -0.005 min  
Response: 59231544  
Conc: 49.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



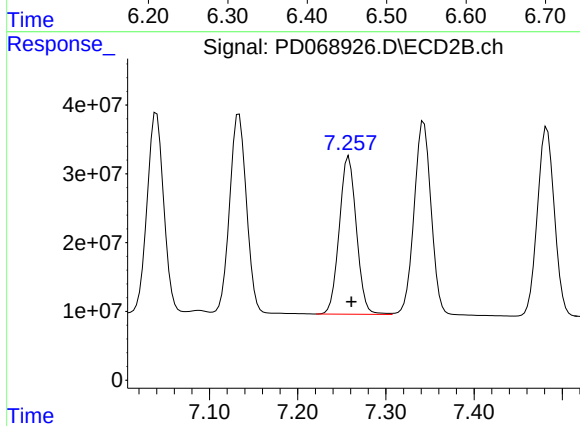
#17 4,4'-DDT

R.T.: 7.343 min  
Delta R.T.: -0.002 min  
Response: 375990234  
Conc: 51.18 ng/ml



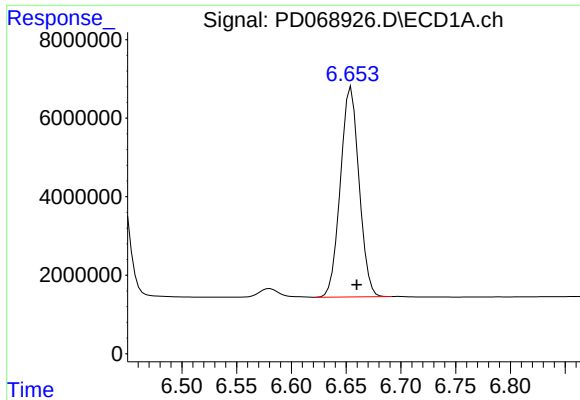
#18 Endrin aldehyde

R.T.: 6.442 min  
Delta R.T.: -0.004 min  
Response: 50233906  
Conc: 50.60 ng/ml



#18 Endrin aldehyde

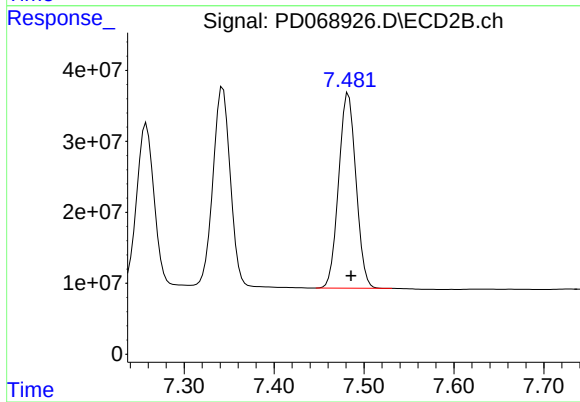
R.T.: 7.258 min  
Delta R.T.: -0.003 min  
Response: 308930787  
Conc: 51.05 ng/ml



#19 Endosulfan Sulfate

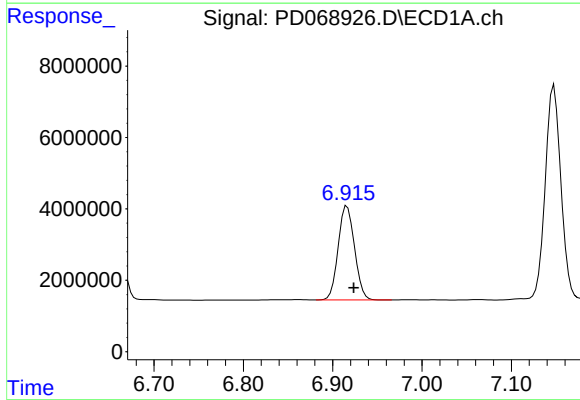
R.T.: 6.655 min  
Delta R.T.: -0.005 min  
Response: 63298828  
Conc: 49.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



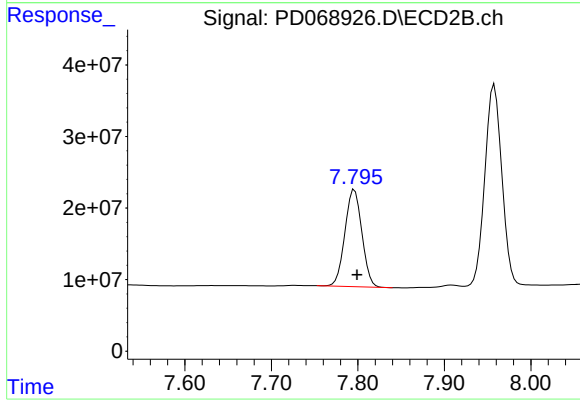
#19 Endosulfan Sulfate

R.T.: 7.483 min  
Delta R.T.: -0.003 min  
Response: 367894018  
Conc: 50.02 ng/ml



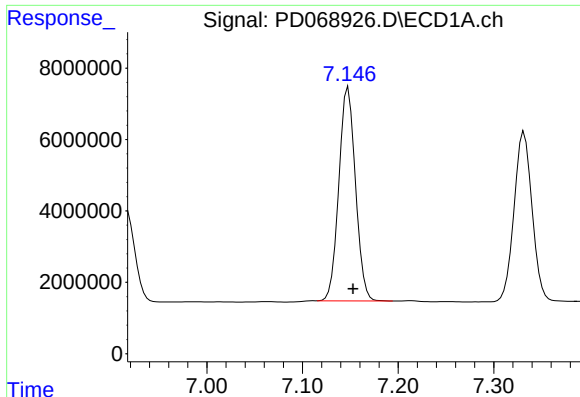
#20 Methoxychlor

R.T.: 6.916 min  
Delta R.T.: -0.008 min  
Response: 33460576  
Conc: 48.28 ng/ml



#20 Methoxychlor

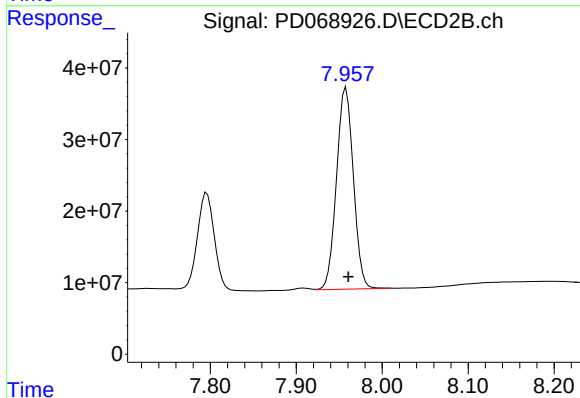
R.T.: 7.796 min  
Delta R.T.: -0.003 min  
Response: 184033124  
Conc: 50.49 ng/ml



#21 Endrin ketone

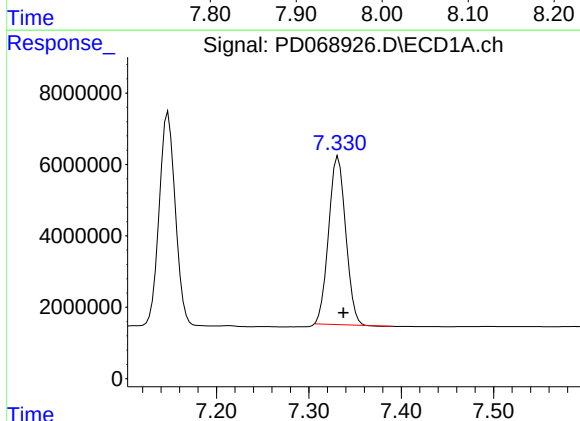
R.T.: 7.148 min  
Delta R.T.: -0.005 min  
Response: 72396615  
Conc: 49.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



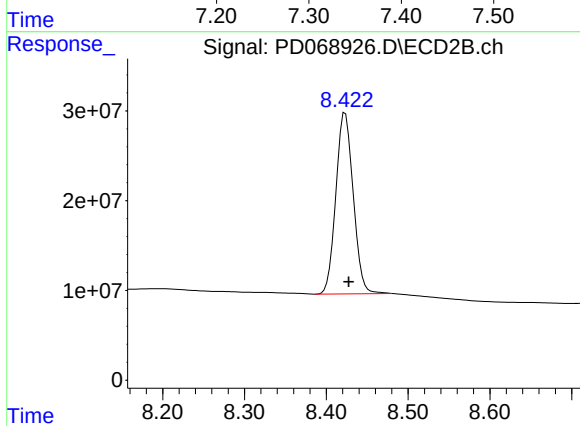
#21 Endrin ketone

R.T.: 7.958 min  
Delta R.T.: -0.003 min  
Response: 383653971  
Conc: 49.51 ng/ml



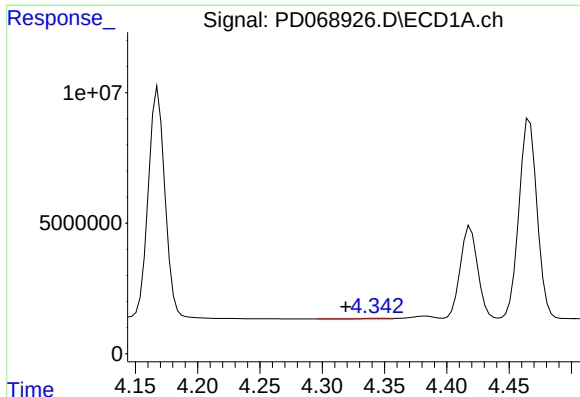
#22 Mirex

R.T.: 7.332 min  
Delta R.T.: -0.006 min  
Response: 60326870  
Conc: 50.90 ng/ml



#22 Mirex

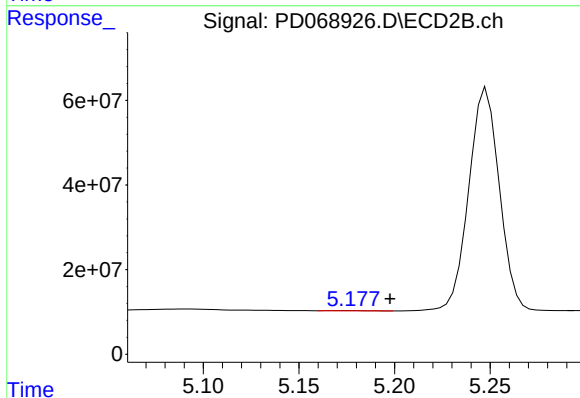
R.T.: 8.423 min  
Delta R.T.: -0.004 min  
Response: 297466481  
Conc: 54.27 ng/ml



#23 Chlordane-1

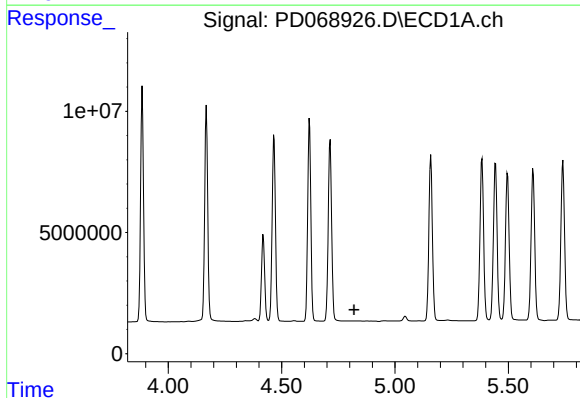
R.T.: 4.344 min  
Delta R.T.: 0.025 min  
Response: 352284  
Conc: 8.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



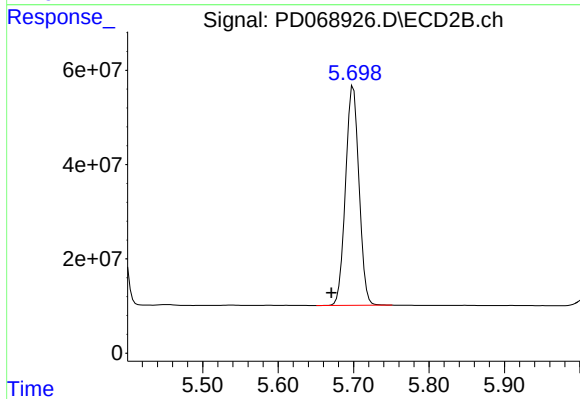
#23 Chlordane-1

R.T.: 5.178 min  
Delta R.T.: -0.020 min  
Response: 502795  
Conc: 1.27 ng/ml



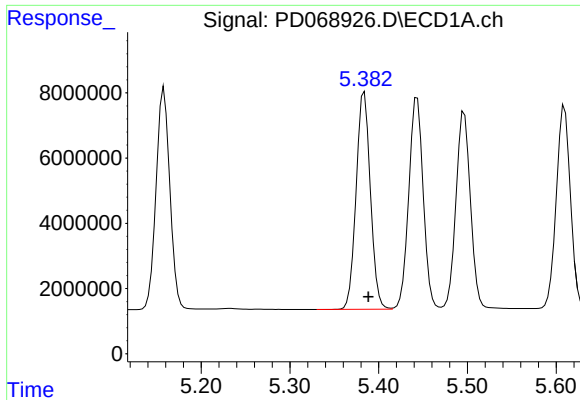
#24 Chlordane-2

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



#24 Chlordane-2

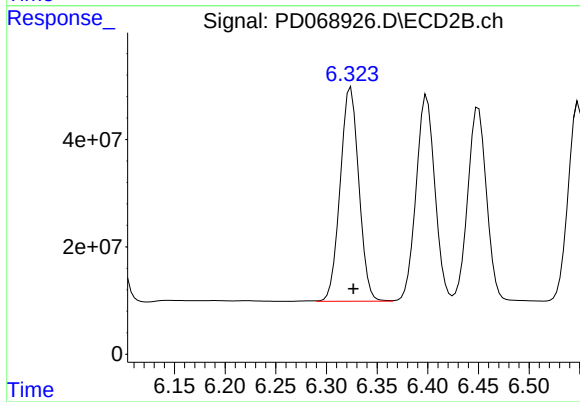
R.T.: 5.700 min  
Delta R.T.: 0.029 min  
Response: 577584139  
Conc: 1510.86 ng/ml



#25 Chlordane-3

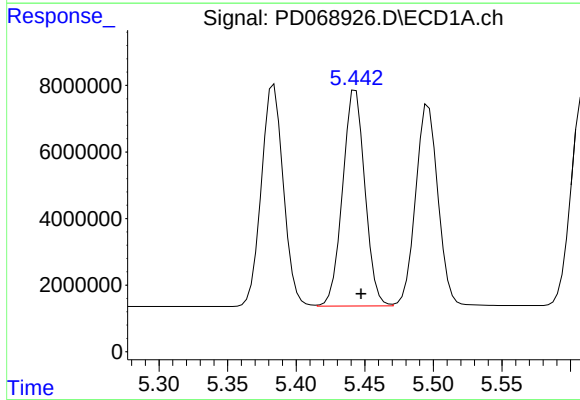
R.T.: 5.384 min  
Delta R.T.: -0.005 min  
Response: 74279244  
Conc: 532.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



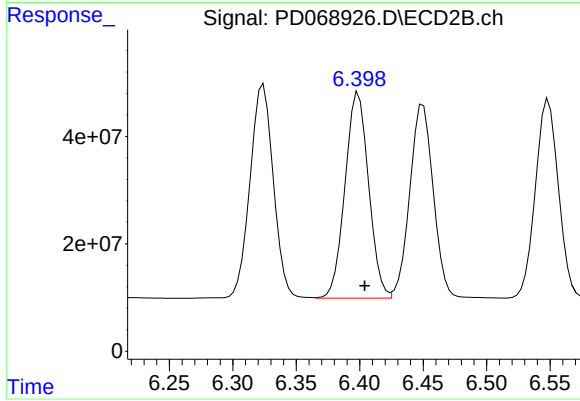
#25 Chlordane-3

R.T.: 6.324 min  
Delta R.T.: -0.003 min  
Response: 510276572  
Conc: 379.79 ng/ml



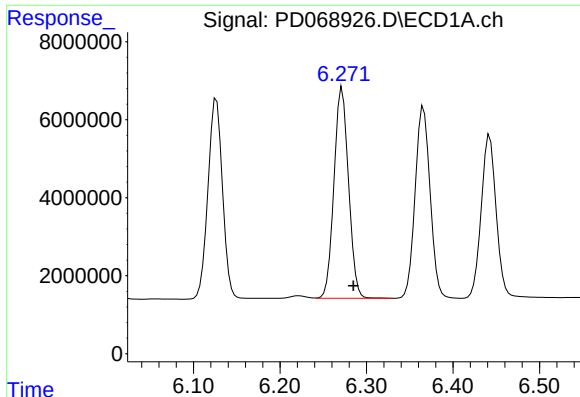
#26 Chlordane-4

R.T.: 5.443 min  
Delta R.T.: -0.004 min  
Response: 73401496  
Conc: 620.20 ng/ml



#26 Chlordane-4

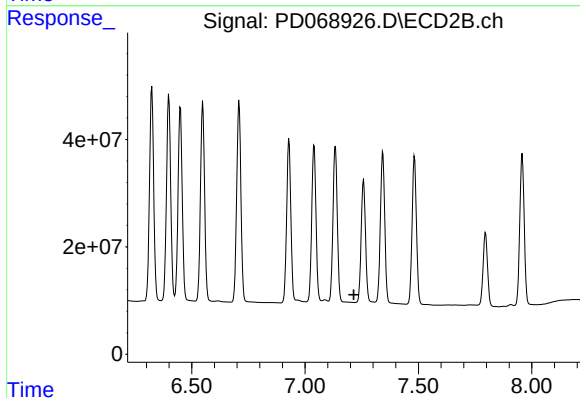
R.T.: 6.399 min  
Delta R.T.: -0.005 min  
Response: 495660547  
Conc: 318.84 ng/ml



#27 Chlordane-5

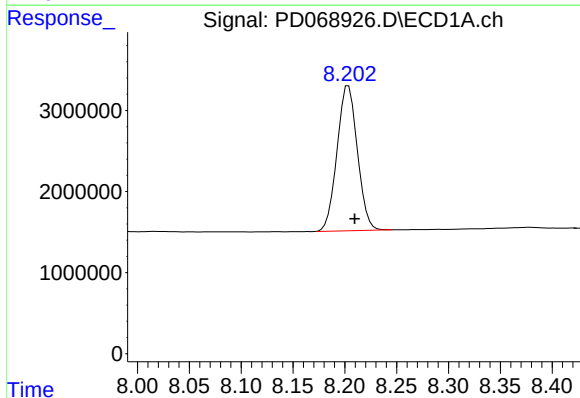
R.T.: 6.272 min  
Delta R.T.: -0.013 min  
Response: 62848943  
Conc: 1257.99 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



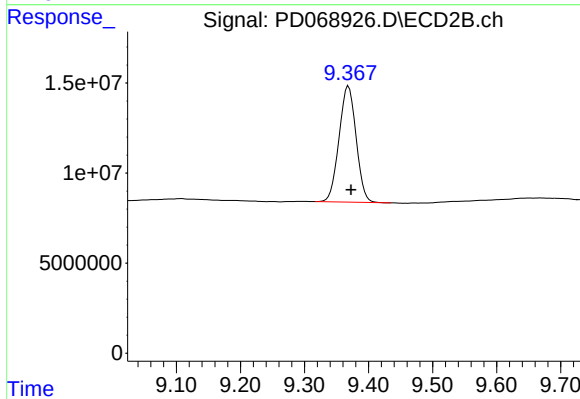
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.006 min  
Response: 24381361  
Conc: 19.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.369 min  
Delta R.T.: -0.004 min  
Response: 119021580  
Conc: 21.00 ng/ml