

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022422\  
 Data File : PD068185.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2022 17:56  
 Operator : AR\AJ  
 Sample : PB142895BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB142895BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 06:46:07 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 22 13:16:10 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... | 3.449  | 4.176 | 26076455 | 175.4E6  | 17.912   | 18.962    |
| 2)                          | SA Decachlor... | 8.213  | 9.370 | 27177903 | 98688134 | 18.966   | 19.824    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.889  | 4.572 | 108.5E6  | 621.7E6  | 48.826   | 47.032    |
| 3)                          | MA gamma-BHC... | 4.173  | 4.862 | 99608029 | 561.7E6  | 48.741   | 47.310    |
| 4)                          | MA Heptachlor   | 4.472  | 5.389 | 95882455 | 500.5E6  | 49.389   | 48.959    |
| 5)                          | MB Aldrin       | 4.720  | 5.702 | 106.0E6  | 548.9E6  | 49.032   | 47.693    |
| 6)                          | B beta-BHC      | 4.423  | 5.025 | 40060807 | 237.4E6  | 47.020   | 45.886    |
| 7)                          | B delta-BHC     | 4.627  | 5.250 | 101.1E6  | 559.7E6  | 49.309   | 47.286    |
| 8)                          | B Heptachlo...  | 5.165  | 6.090 | 94874862 | 479.5E6  | 48.675   | 47.496    |
| 9)                          | A Endosulfan I  | 5.503  | 6.453 | 88078230 | 429.1E6  | 49.130   | 47.855    |
| 10)                         | B gamma-Chl...  | 5.391  | 6.327 | 97202392 | 473.3E6  | 48.872   | 48.247    |
| 11)                         | B alpha-Chl...  | 5.450  | 6.402 | 95251899 | 459.2E6  | 48.712   | 47.921    |
| 12)                         | B 4,4'-DDE      | 5.616  | 6.552 | 89761252 | 433.6E6  | 49.276   | 47.995    |
| 13)                         | MA Dieldrin     | 5.748  | 6.712 | 97965822 | 464.9E6  | 49.393   | 48.338    |
| 14)                         | MA Endrin       | 6.005  | 6.932 | 82861157 | 355.6E6  | 50.502   | 49.617    |
| 15)                         | B Endosulfa...  | 6.279  | 7.136 | 82519005 | 369.6E6  | 49.088   | 48.404    |
| 16)                         | A 4,4'-DDD      | 6.134  | 7.042 | 76361046 | 346.7E6  | 49.817   | 49.465    |
| 17)                         | MA 4,4'-DDT     | 6.374  | 7.345 | 68128590 | 282.4E6  | 49.520   | 49.815    |
| 18)                         | B Endrin al...  | 6.449  | 7.260 | 62703019 | 290.9E6  | 56.801   | 56.163    |
| 19)                         | B Endosulfa...  | 6.662  | 7.485 | 77954311 | 339.4E6  | 49.582   | 49.666    |
| 20)                         | A Methoxychlor  | 6.926  | 7.799 | 37900016 | 138.4E6  | 48.711   | 51.124    |
| 21)                         | B Endrin ke...  | 7.155  | 7.960 | 87413644 | 349.2E6  | 48.923   | 48.580    |
| 22)                         | Mirex           | 7.341  | 8.427 | 76668966 | 271.6E6  | 53.642   | 54.179    |
| 23)                         | Chlordane-1     | 4.347f | 5.188 | 135297   | -3059    | 2.230    | N.D. #    |
| 24)                         | Chlordane-2     | 0.000  | 5.657 | 0        | 91845    | N.D.     | 0.223 #   |
| 25)                         | Chlordane-3     | 5.391  | 6.327 | 97202392 | 473.3E6  | 466.478  | 326.091 # |
| 26)                         | Chlordane-4     | 5.450  | 6.402 | 95251899 | 459.2E6  | 541.632  | 275.482 # |
| 27)                         | Chlordane-5     | 6.279  | 0.000 | 82519005 | 0        | 1249.890 | N.D. #    |
| -----                       |                 |        |       |          |          |          |           |

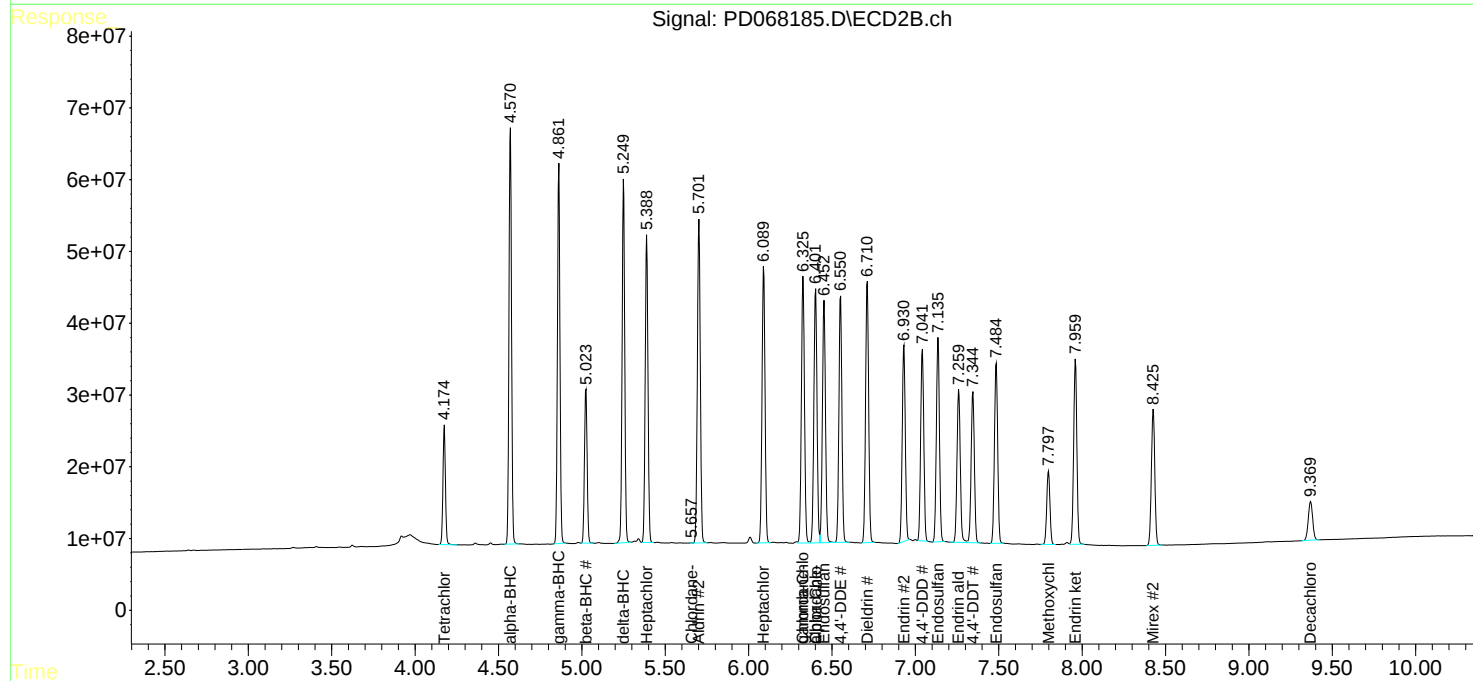
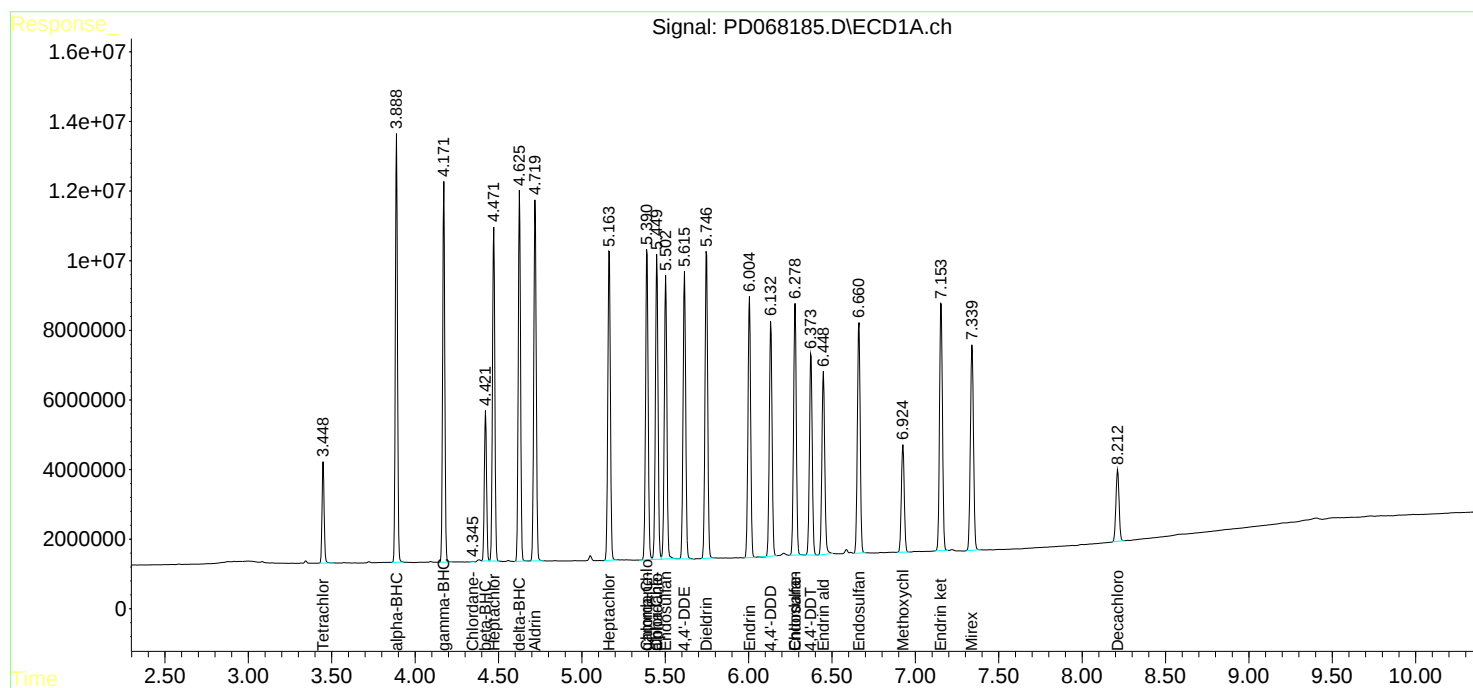
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

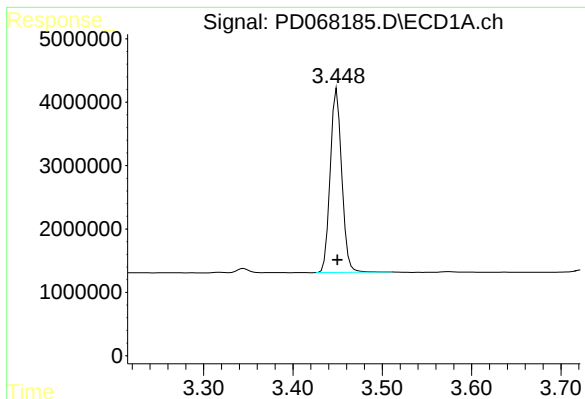
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022422\  
Data File : PD068185.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Feb 2022 17:56  
Operator : AR\AJ  
Sample : PB142895BS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 25 06:46:07 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022222.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 22 13:16:10 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

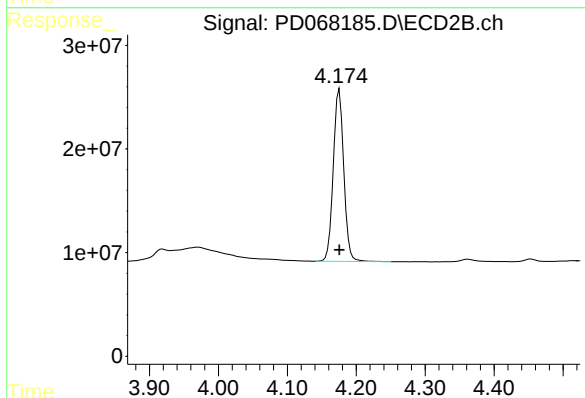




#1 Tetrachloro-m-xylene

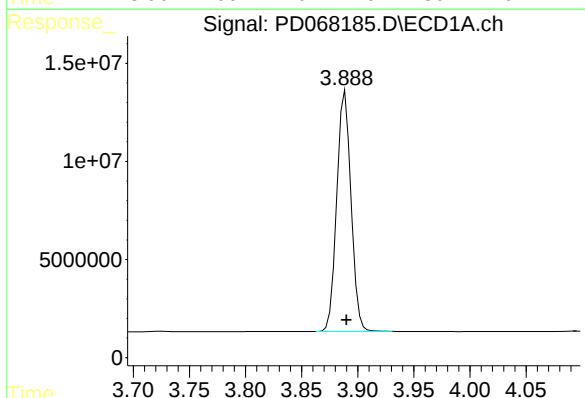
R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 26076455  
Conc: 17.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



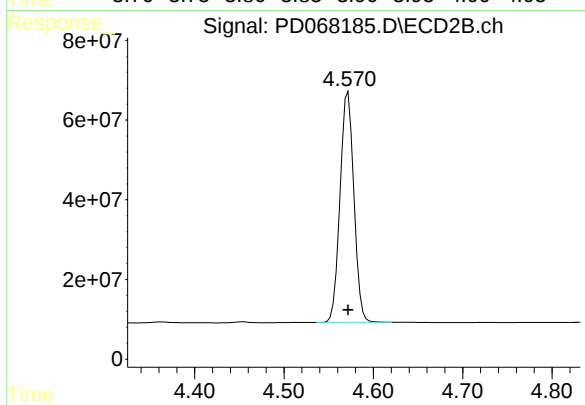
#1 Tetrachloro-m-xylene

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 175351955  
Conc: 18.96 ng/ml



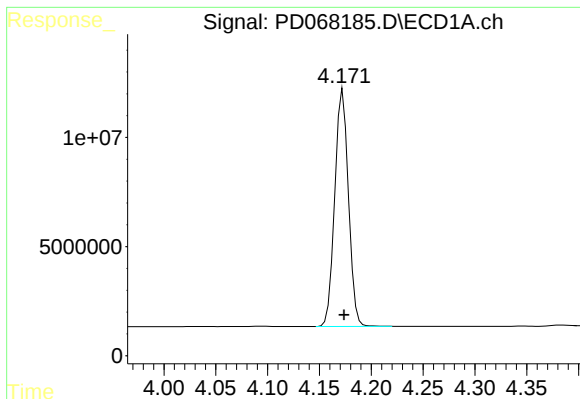
#2 alpha-BHC

R.T.: 3.889 min  
Delta R.T.: -0.001 min  
Response: 108534350  
Conc: 48.83 ng/ml



#2 alpha-BHC

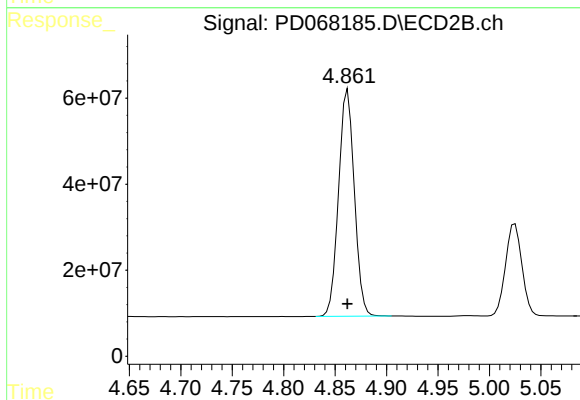
R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 621695981  
Conc: 47.03 ng/ml



#3 gamma-BHC (Lindane)

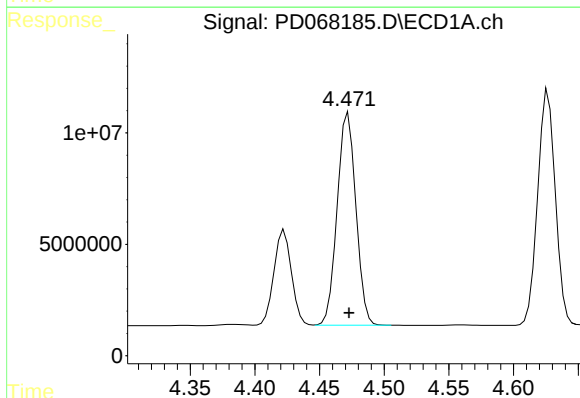
R.T.: 4.173 min  
Delta R.T.: -0.001 min  
Response: 99608029  
Conc: 48.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



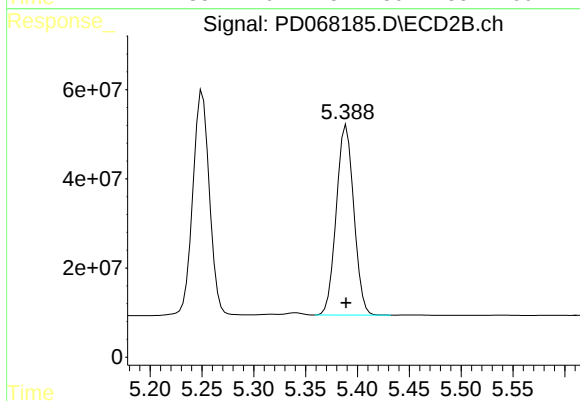
#3 gamma-BHC (Lindane)

R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 561744797  
Conc: 47.31 ng/ml



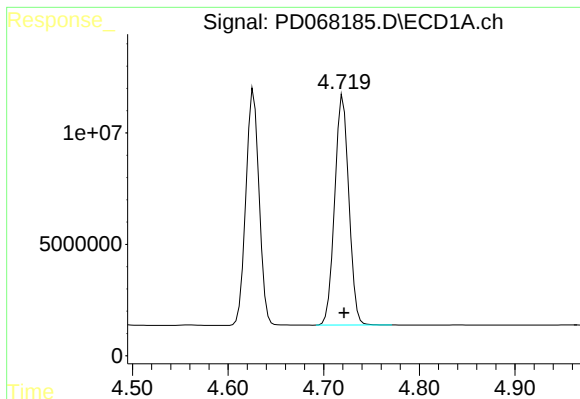
#4 Heptachlor

R.T.: 4.472 min  
Delta R.T.: 0.000 min  
Response: 95882455  
Conc: 49.39 ng/ml



#4 Heptachlor

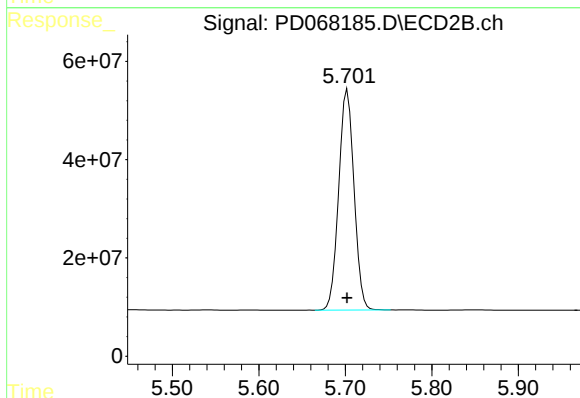
R.T.: 5.389 min  
Delta R.T.: 0.000 min  
Response: 500479336  
Conc: 48.96 ng/ml



#5 Aldrin

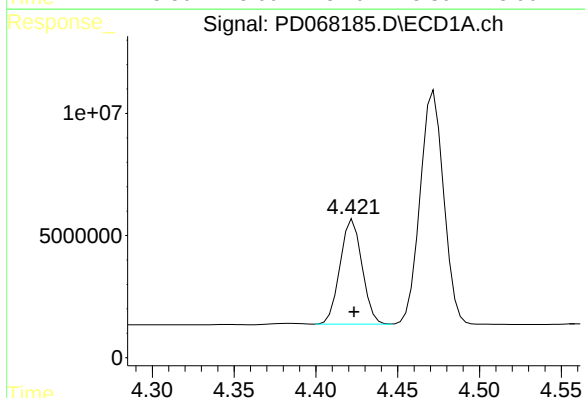
R.T.: 4.720 min  
Delta R.T.: -0.001 min  
Response: 106023895  
Conc: 49.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



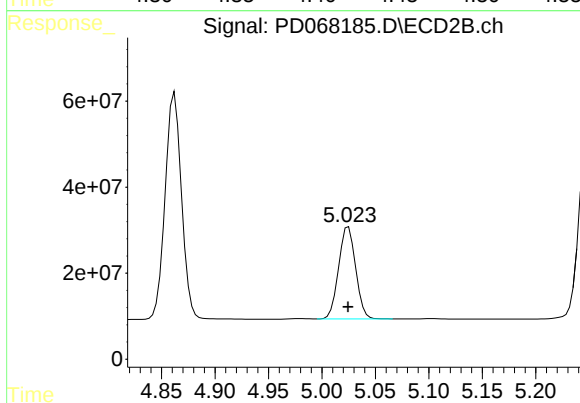
#5 Aldrin

R.T.: 5.702 min  
Delta R.T.: 0.000 min  
Response: 548859677  
Conc: 47.69 ng/ml



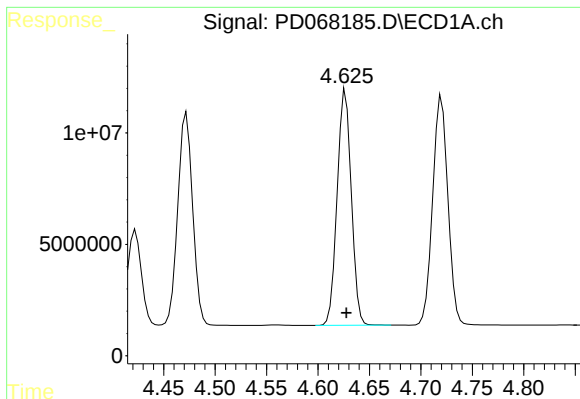
#6 beta-BHC

R.T.: 4.423 min  
Delta R.T.: 0.000 min  
Response: 40060807  
Conc: 47.02 ng/ml



#6 beta-BHC

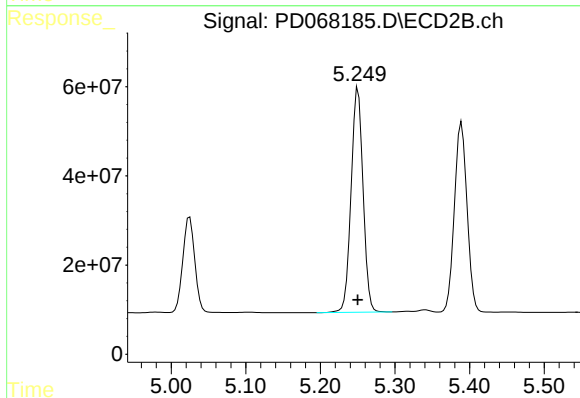
R.T.: 5.025 min  
Delta R.T.: 0.000 min  
Response: 237417309  
Conc: 45.89 ng/ml



#7 delta-BHC

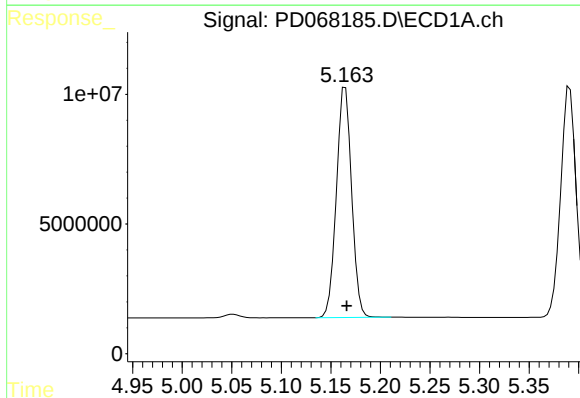
R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 101061670  
Conc: 49.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



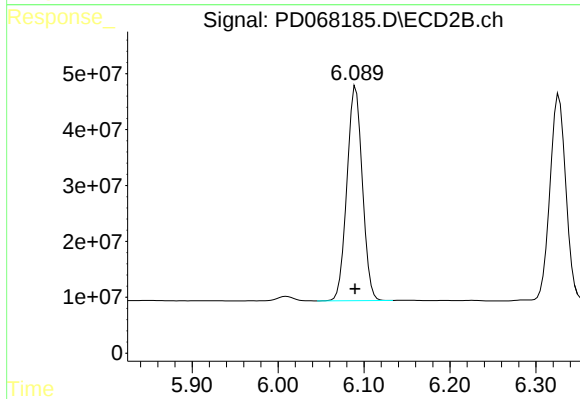
#7 delta-BHC

R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 559712369  
Conc: 47.29 ng/ml



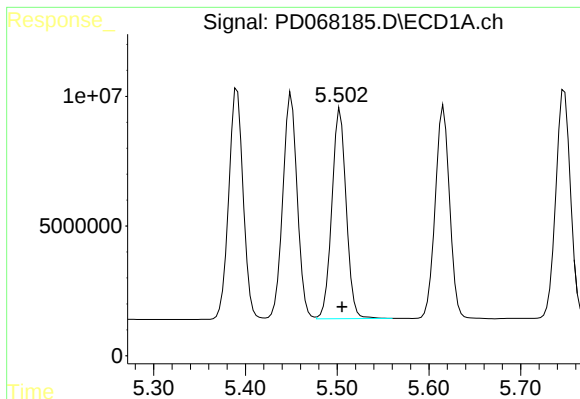
#8 Heptachlor epoxide

R.T.: 5.165 min  
Delta R.T.: -0.002 min  
Response: 94874862  
Conc: 48.68 ng/ml



#8 Heptachlor epoxide

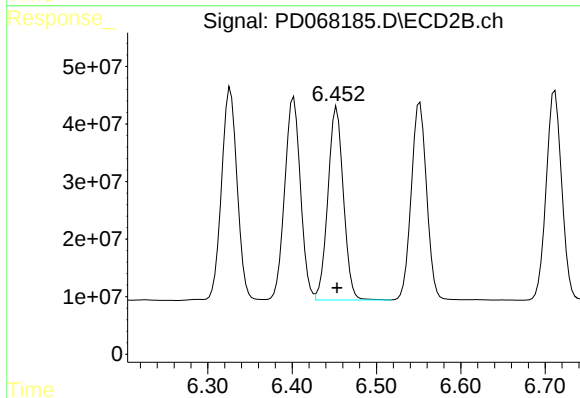
R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 479512795  
Conc: 47.50 ng/ml



#9 Endosulfan I

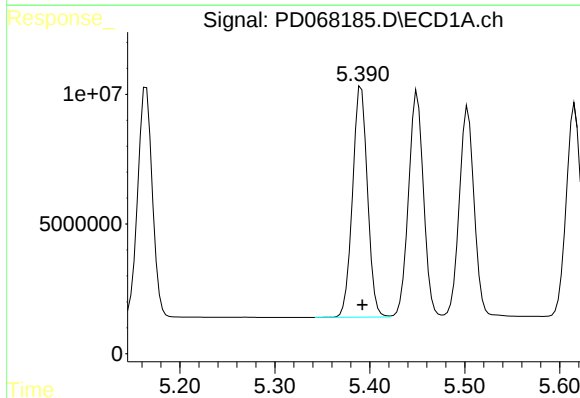
R.T.: 5.503 min  
Delta R.T.: -0.002 min  
Response: 88078230  
Conc: 49.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



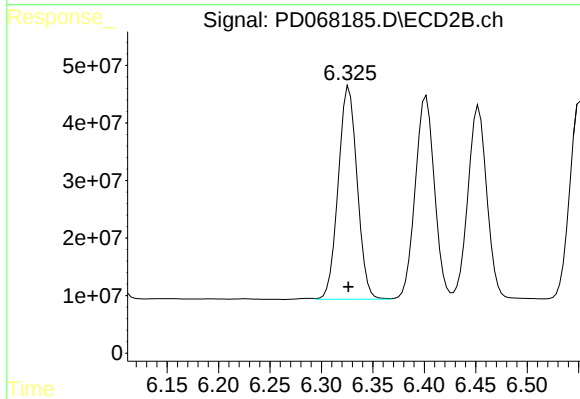
#9 Endosulfan I

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 429054489  
Conc: 47.85 ng/ml



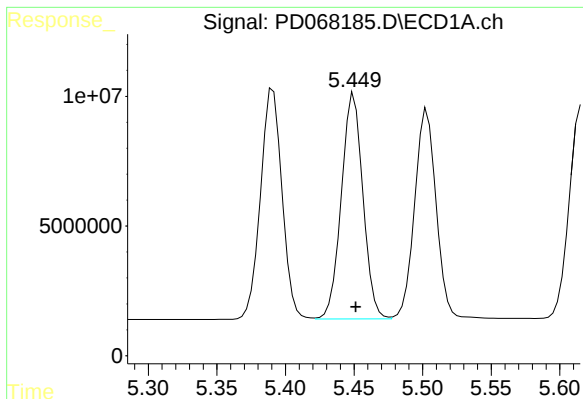
#10 gamma-Chlordane

R.T.: 5.391 min  
Delta R.T.: -0.001 min  
Response: 97202392  
Conc: 48.87 ng/ml



#10 gamma-Chlordane

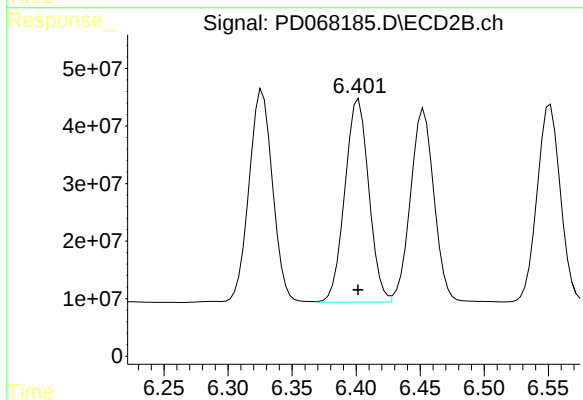
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 473331263  
Conc: 48.25 ng/ml



#11 alpha-Chlordane

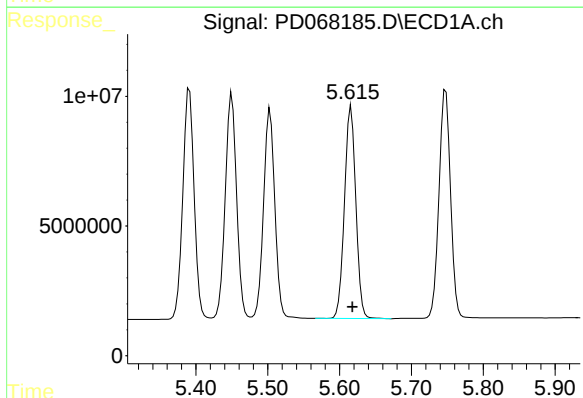
R.T.: 5.450 min  
Delta R.T.: -0.001 min  
Response: 95251899  
Conc: 48.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



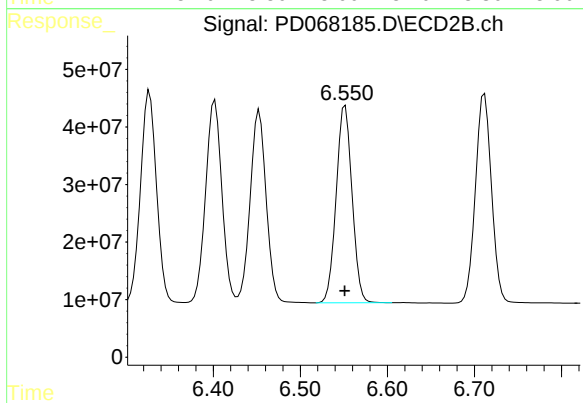
#11 alpha-Chlordane

R.T.: 6.402 min  
Delta R.T.: 0.000 min  
Response: 459200351  
Conc: 47.92 ng/ml



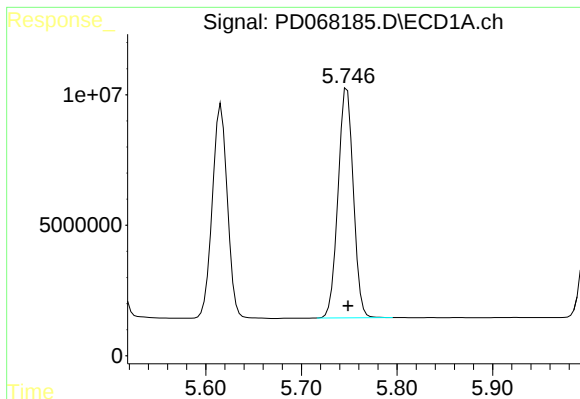
#12 4,4'-DDE

R.T.: 5.616 min  
Delta R.T.: -0.002 min  
Response: 89761252  
Conc: 49.28 ng/ml



#12 4,4'-DDE

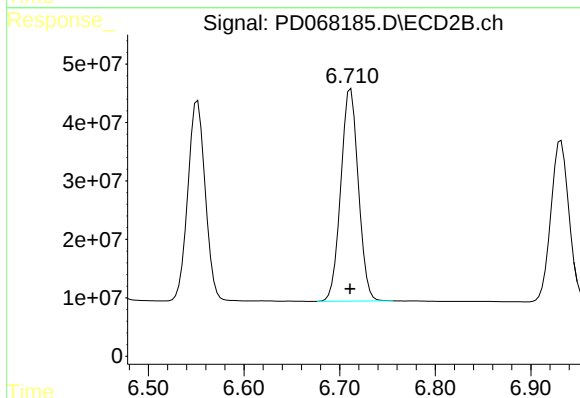
R.T.: 6.552 min  
Delta R.T.: 0.000 min  
Response: 433591657  
Conc: 47.99 ng/ml



#13 Dieldrin

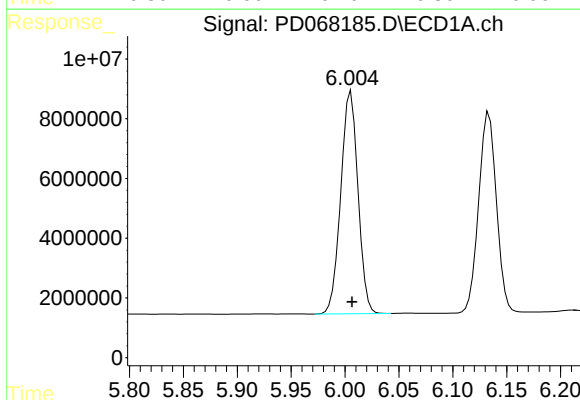
R.T.: 5.748 min  
Delta R.T.: -0.001 min  
Response: 97965822  
Conc: 49.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



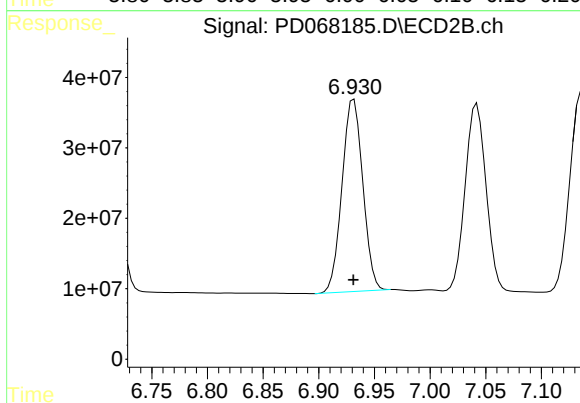
#13 Dieldrin

R.T.: 6.712 min  
Delta R.T.: 0.000 min  
Response: 464869418  
Conc: 48.34 ng/ml



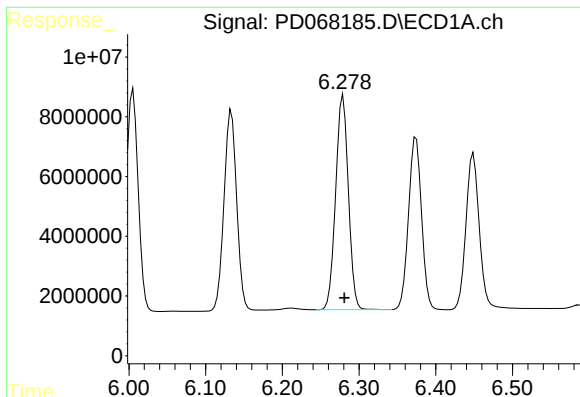
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.001 min  
Response: 82861157  
Conc: 50.50 ng/ml



#14 Endrin

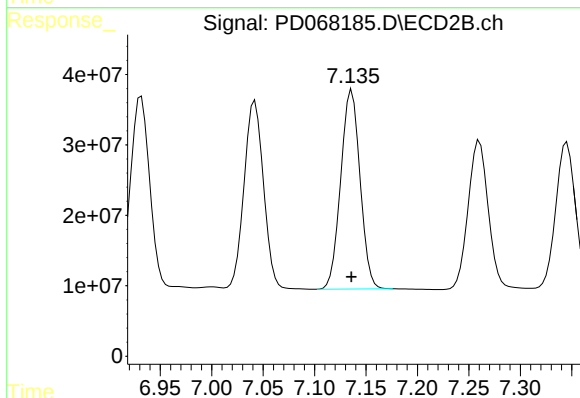
R.T.: 6.932 min  
Delta R.T.: 0.000 min  
Response: 355615674  
Conc: 49.62 ng/ml



#15 Endosulfan II

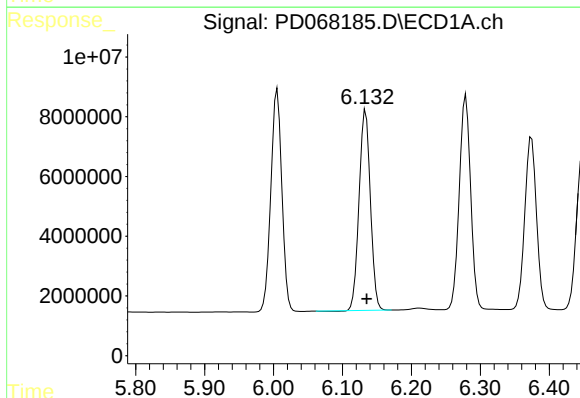
R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 82519005  
Conc: 49.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



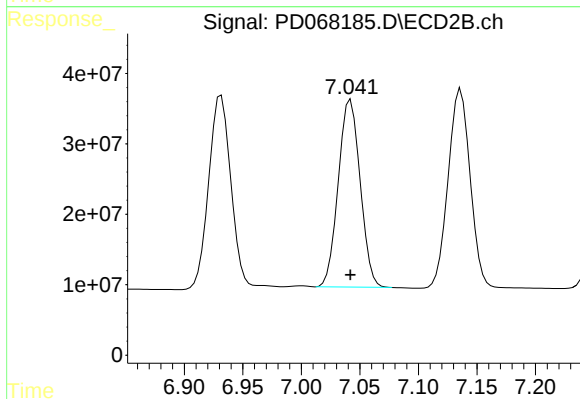
#15 Endosulfan II

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 369646951  
Conc: 48.40 ng/ml



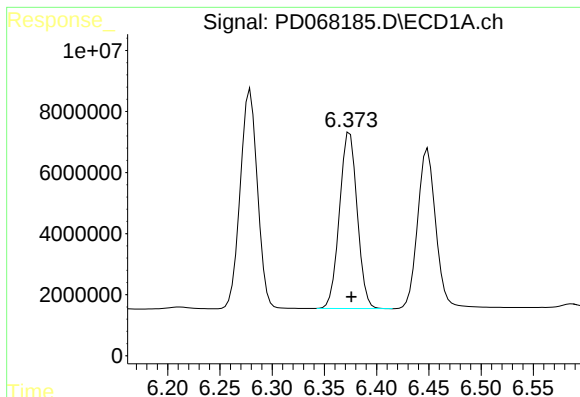
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: -0.001 min  
Response: 76361046  
Conc: 49.82 ng/ml



#16 4,4'-DDD

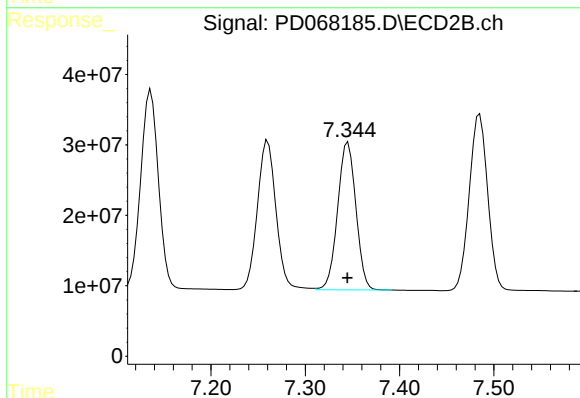
R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 346695648  
Conc: 49.46 ng/ml



#17 4,4'-DDT

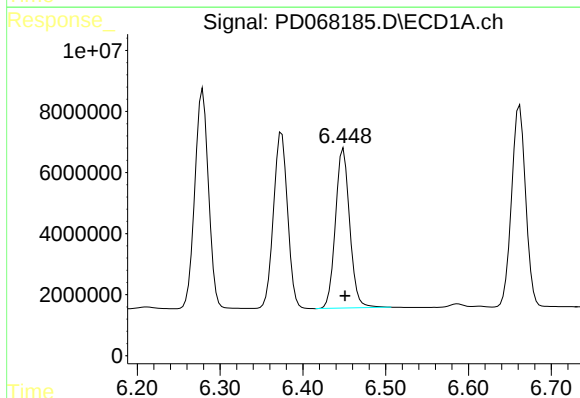
R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 68128590  
Conc: 49.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



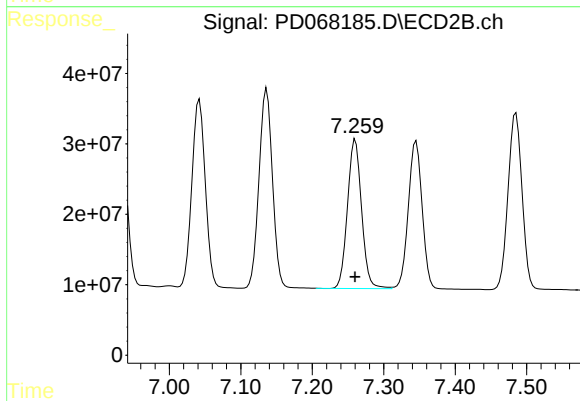
#17 4,4'-DDT

R.T.: 7.345 min  
Delta R.T.: 0.000 min  
Response: 282434189  
Conc: 49.82 ng/ml



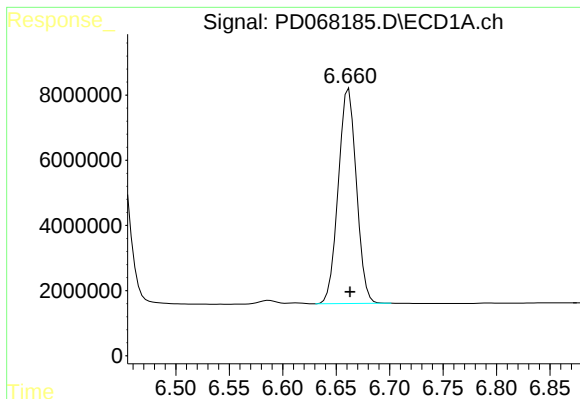
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: -0.002 min  
Response: 62703019  
Conc: 56.80 ng/ml



#18 Endrin aldehyde

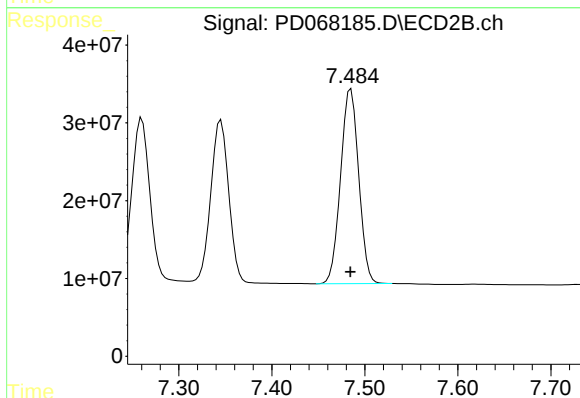
R.T.: 7.260 min  
Delta R.T.: 0.000 min  
Response: 290854501  
Conc: 56.16 ng/ml



#19 Endosulfan Sulfate

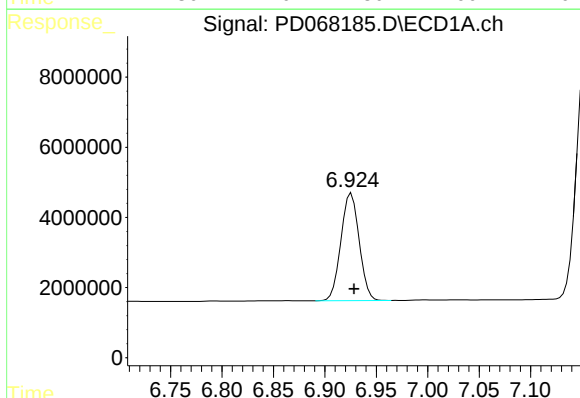
R.T.: 6.662 min  
Delta R.T.: -0.001 min  
Response: 77954311  
Conc: 49.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



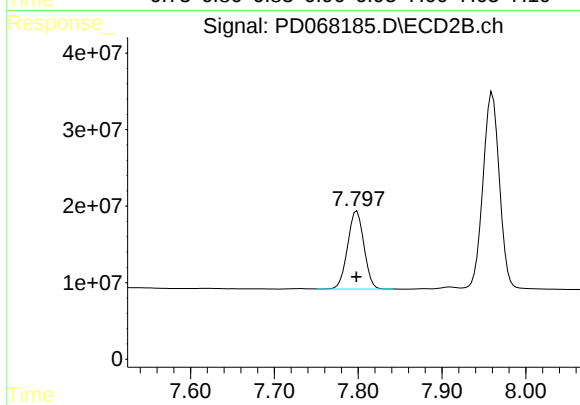
#19 Endosulfan Sulfate

R.T.: 7.485 min  
Delta R.T.: 0.000 min  
Response: 339375402  
Conc: 49.67 ng/ml



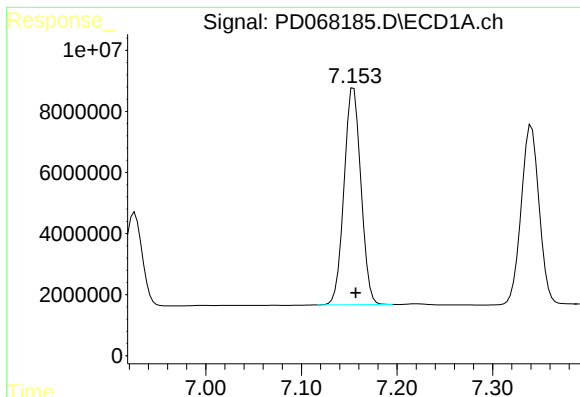
#20 Methoxychlor

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 37900016  
Conc: 48.71 ng/ml



#20 Methoxychlor

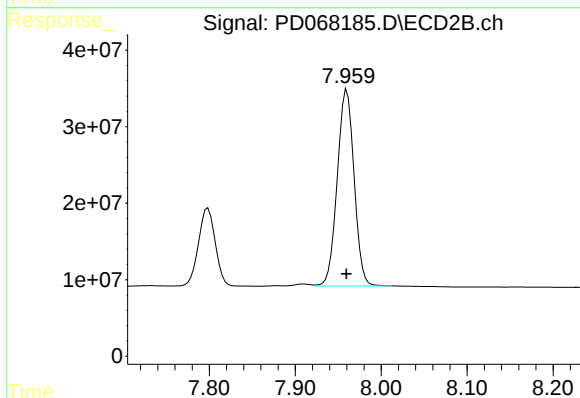
R.T.: 7.799 min  
Delta R.T.: 0.000 min  
Response: 138363654  
Conc: 51.12 ng/ml



#21 Endrin ketone

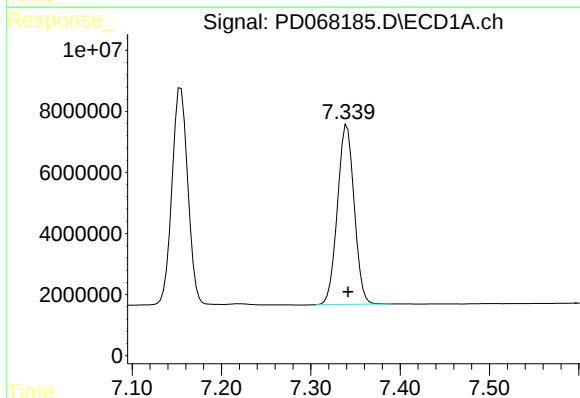
R.T.: 7.155 min  
Delta R.T.: -0.002 min  
Response: 87413644  
Conc: 48.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



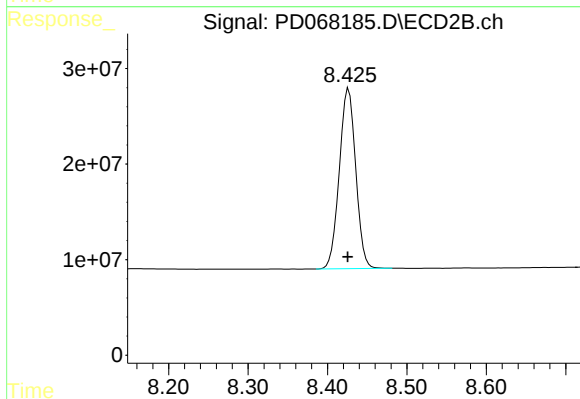
#21 Endrin ketone

R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 349186720  
Conc: 48.58 ng/ml



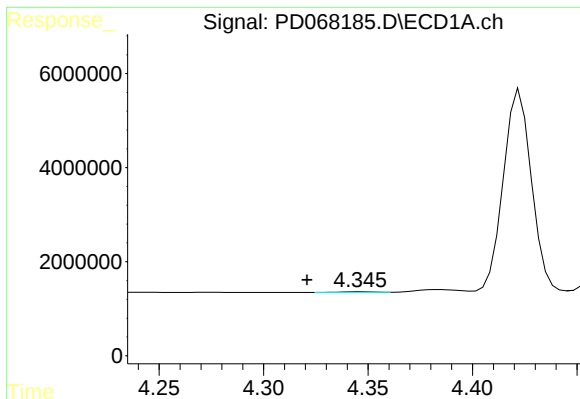
#22 Mirex

R.T.: 7.341 min  
Delta R.T.: -0.001 min  
Response: 76668966  
Conc: 53.64 ng/ml



#22 Mirex

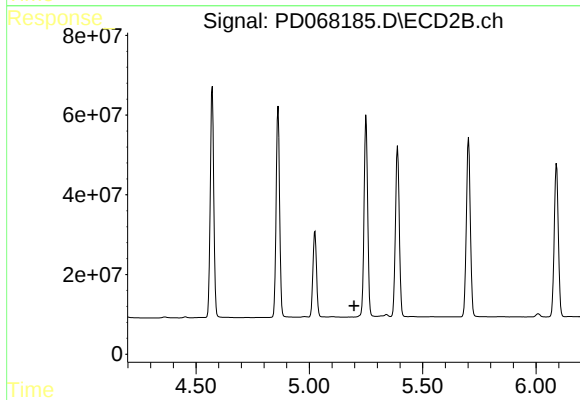
R.T.: 8.427 min  
Delta R.T.: 0.001 min  
Response: 271590904  
Conc: 54.18 ng/ml



#23 Chlordane-1

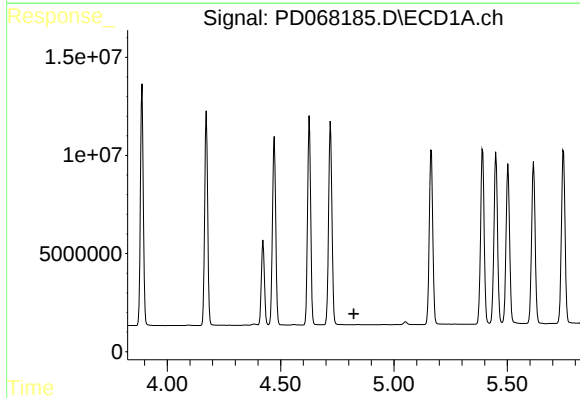
R.T.: 4.347 min  
Delta R.T.: 0.026 min  
Response: 135297  
Conc: 2.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



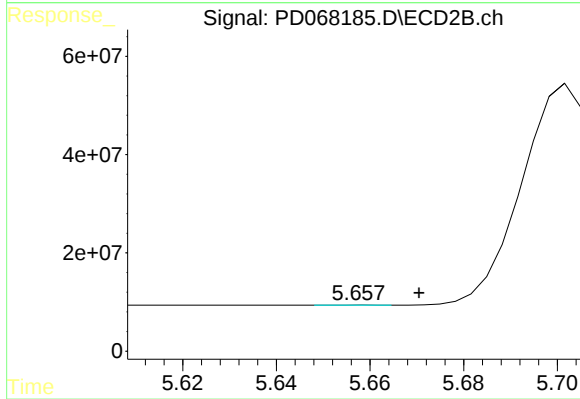
#23 Chlordane-1

R.T.: 5.188 min  
Delta R.T.: -0.009 min  
Response: -3059  
Conc: N.D.



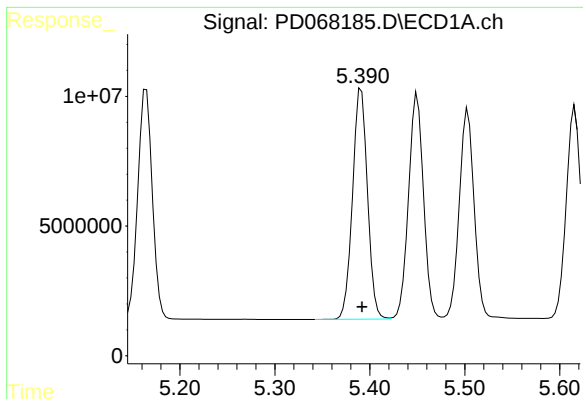
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.823 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

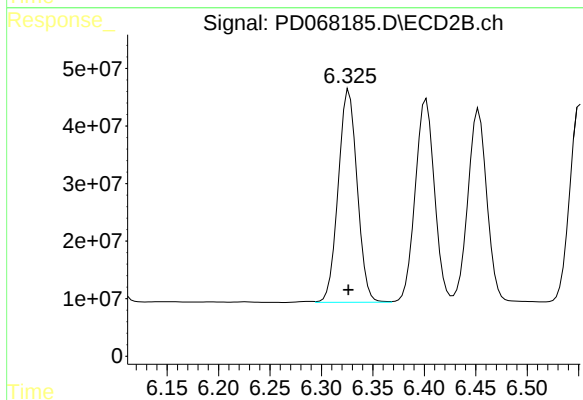
R.T.: 5.657 min  
Delta R.T.: -0.013 min  
Response: 91845  
Conc: 0.22 ng/ml



#25 Chlordane-3

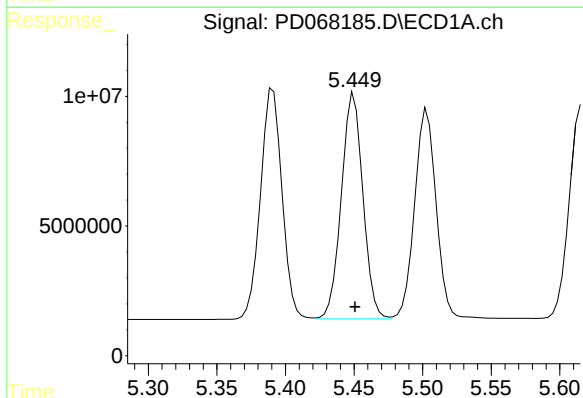
R.T.: 5.391 min  
Delta R.T.: 0.000 min  
Response: 97202392  
Conc: 466.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



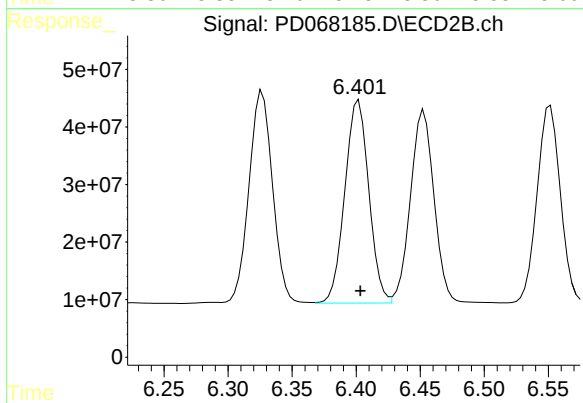
#25 Chlordane-3

R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 473331263  
Conc: 326.09 ng/ml



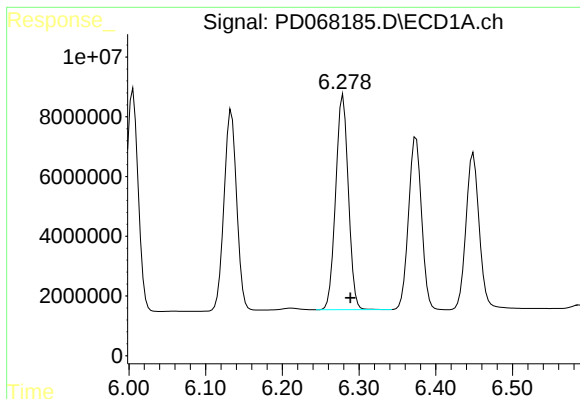
#26 Chlordane-4

R.T.: 5.450 min  
Delta R.T.: 0.000 min  
Response: 95251899  
Conc: 541.63 ng/ml



#26 Chlordane-4

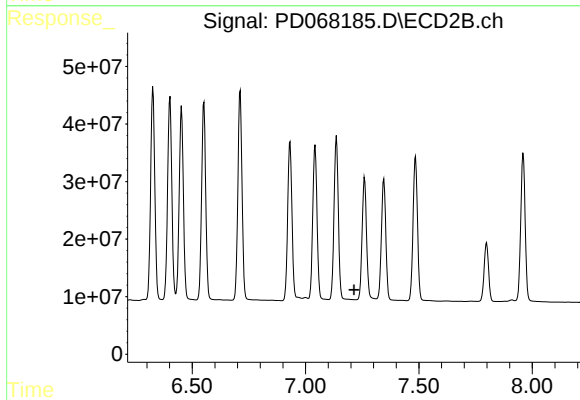
R.T.: 6.402 min  
Delta R.T.: -0.001 min  
Response: 459200351  
Conc: 275.48 ng/ml



#27 Chlordane-5

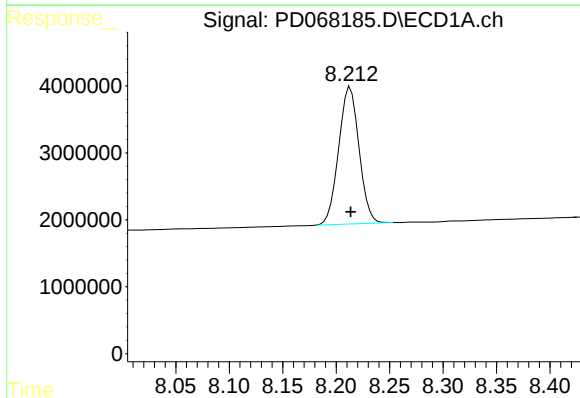
R.T.: 6.279 min  
Delta R.T.: -0.010 min  
Response: 82519005  
Conc: 1249.89 ng/m

Instrument :  
ECD\_D  
ClientSampleId :  
PB142895BS



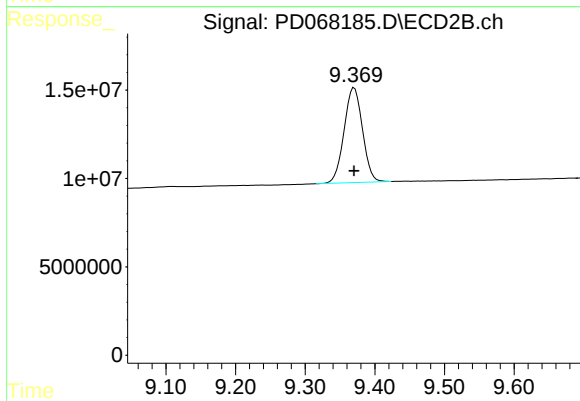
#27 Chlordane-5

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.: 0.000 min  
Response: 27177903  
Conc: 18.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.370 min  
Delta R.T.: 0.000 min  
Response: 98688134  
Conc: 19.82 ng/ml