

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022422\  
 Data File : PD068165.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2022 09:34  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 01:01:12 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 | 74225128 | 455.9E6 | 50.986   | 49.297    |
| 28)                         | SA Decachlor... | 8.213  | 9.369 | 68538708 | 254.5E6 | 47.829   | 51.121    |
| Target Compounds            |                 |        |       |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.889  | 4.571 | 116.4E6  | 667.5E6 | 52.351   | 50.495    |
| 3)                          | MA gamma-BHC... | 4.172  | 4.862 | 105.9E6  | 596.9E6 | 51.818   | 50.271    |
| 4)                          | MA Heptachlor   | 4.472  | 5.389 | 100.1E6  | 517.4E6 | 51.538   | 50.618    |
| 5)                          | MB Aldrin       | 4.720  | 5.702 | 110.2E6  | 575.0E6 | 50.941   | 49.968    |
| 6)                          | B beta-BHC      | 4.422  | 5.024 | 42821920 | 255.3E6 | 50.261   | 49.339    |
| 7)                          | B delta-BHC     | 4.627  | 5.250 | 105.9E6  | 593.9E6 | 51.647   | 50.176    |
| 8)                          | B Heptachlo...  | 5.164  | 6.090 | 97761225 | 503.3E6 | 50.156   | 49.849    |
| 9)                          | A Endosulfan I  | 5.503  | 6.452 | 90094830 | 449.1E6 | 50.254   | 50.085    |
| 10)                         | B gamma-Chl...  | 5.391  | 6.326 | 99814373 | 496.1E6 | 50.186   | 50.572    |
| 11)                         | B alpha-Chl...  | 5.450  | 6.401 | 98042005 | 478.9E6 | 50.139   | 49.974    |
| 12)                         | B 4,4'-DDE      | 5.616  | 6.551 | 93036348 | 451.4E6 | 51.074   | 49.971    |
| 13)                         | MA Dieldrin     | 5.747  | 6.710 | 100.3E6  | 480.4E6 | 50.566   | 49.953    |
| 14)                         | MA Endrin       | 6.005  | 6.931 | 81776349 | 342.7E6 | 49.841   | 47.819    |
| 15)                         | B Endosulfa...  | 6.279  | 7.135 | 85113138 | 379.6E6 | 50.632   | 49.711    |
| 16)                         | A 4,4'-DDD      | 6.133  | 7.041 | 77458024 | 348.1E6 | 50.533   | 49.668    |
| 17)                         | MA 4,4'-DDT     | 6.374  | 7.345 | 72778196 | 292.9E6 | 52.900   | 51.663    |
| 18)                         | B Endrin al...  | 6.449  | 7.260 | 56549714 | 262.2E6 | 51.227   | 50.639    |
| 19)                         | B Endosulfa...  | 6.661  | 7.484 | 80553284 | 335.9E6 | 51.235   | 49.157    |
| 20)                         | A Methoxychlor  | 6.926  | 7.798 | 40657960 | 143.4E6 | 52.256   | 52.984    |
| 21)                         | B Endrin ke...  | 7.155  | 7.959 | 91649175 | 367.3E6 | 51.294   | 51.102    |
| 22)                         | Mirex           | 7.341  | 8.426 | 70430964 | 250.1E6 | 49.277   | 49.897    |
| 23)                         | Chlordane-1     | 4.346f | 0.000 | 427695   | 0       | 7.048    | N.D. #    |
| 25)                         | Chlordane-3     | 5.391  | 6.326 | 99814373 | 496.1E6 | 479.013  | 341.810 # |
| 26)                         | Chlordane-4     | 5.450  | 6.401 | 98042005 | 478.9E6 | 557.497  | 287.282 # |
| 27)                         | Chlordane-5     | 6.279  | 0.000 | 85113138 | 0       | 1289.183 | N.D. #    |
| -----                       |                 |        |       |          |         |          |           |

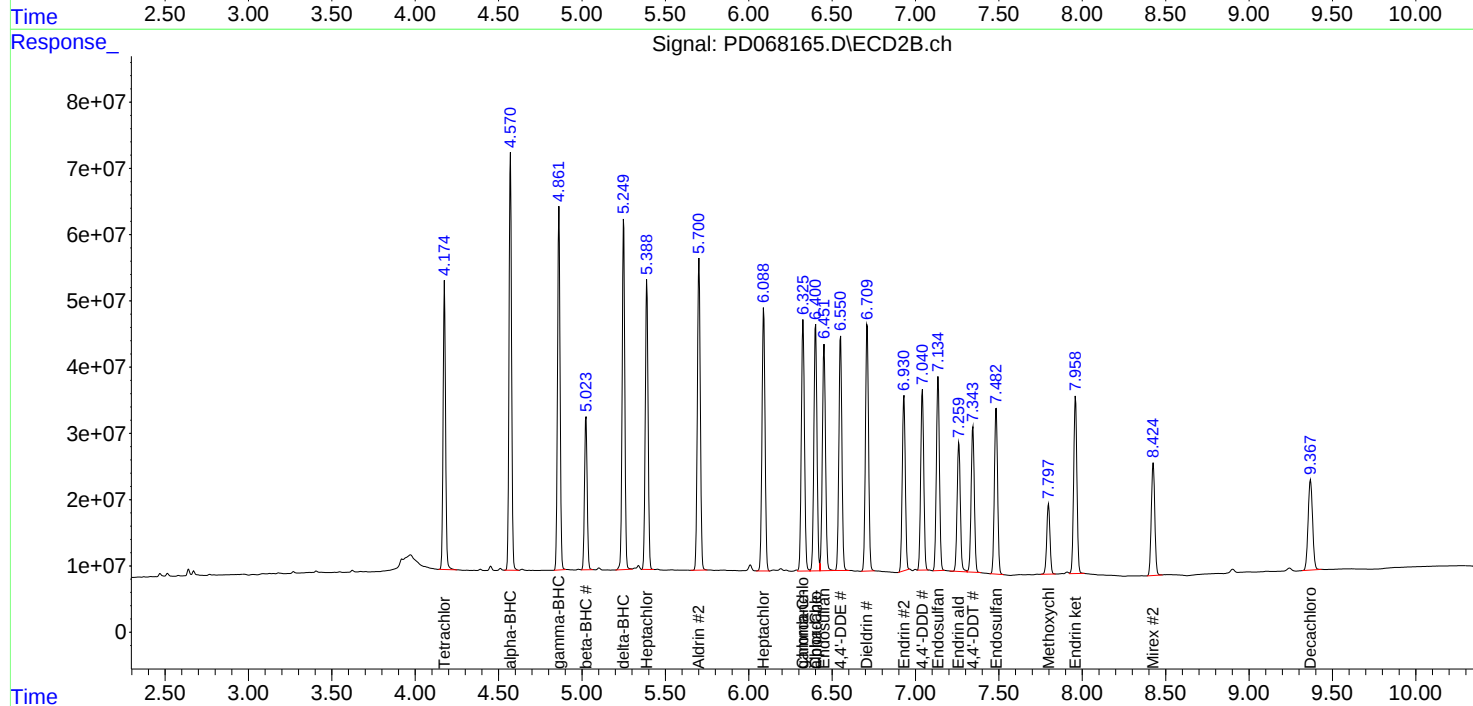
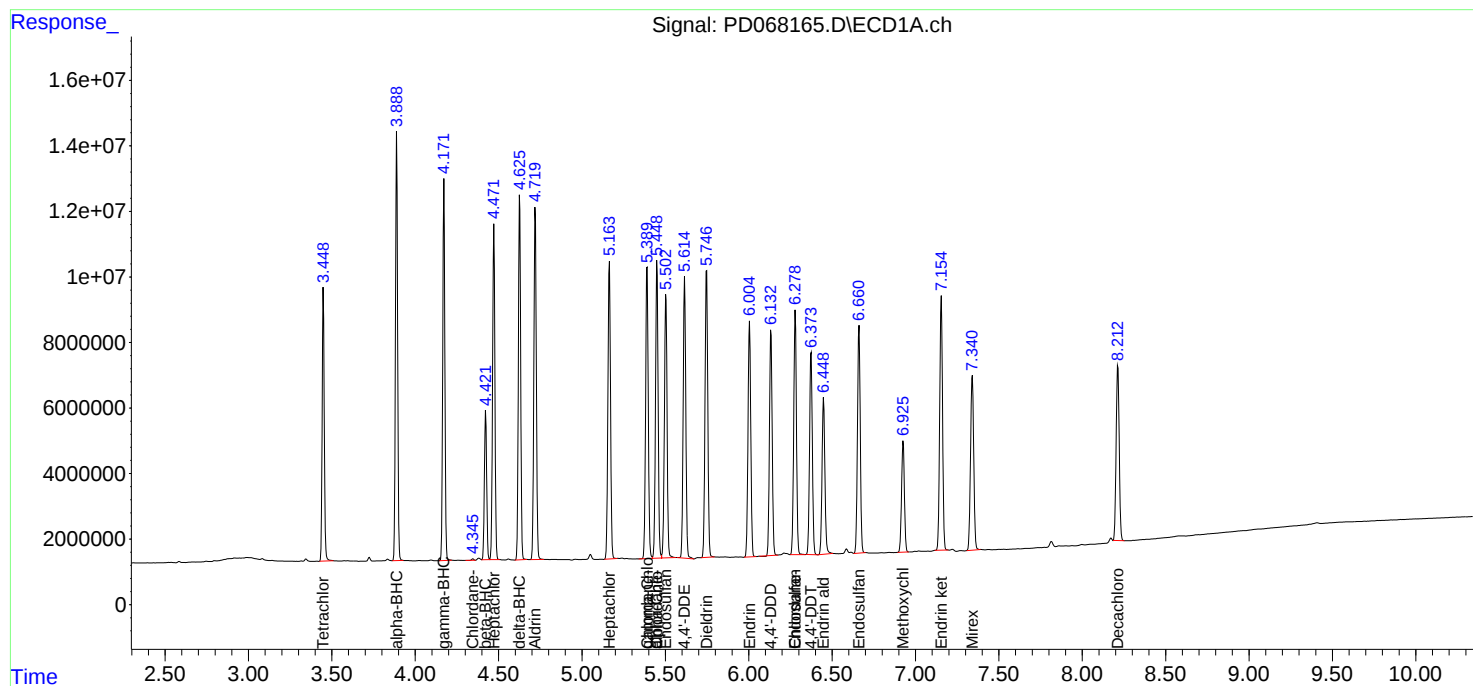
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

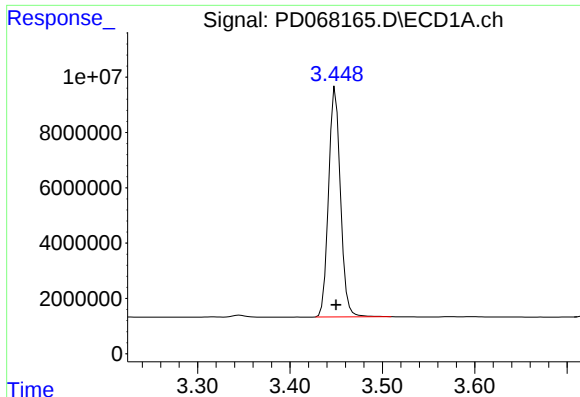
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022422\  
Data File : PD068165.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Feb 2022 09:34  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 25 01:01:12 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  
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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

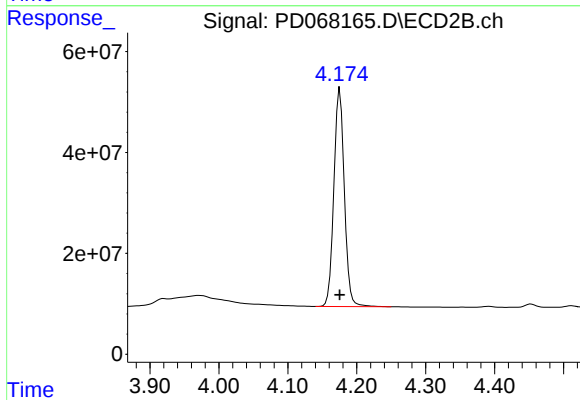




#1 Tetrachloro-m-xylene

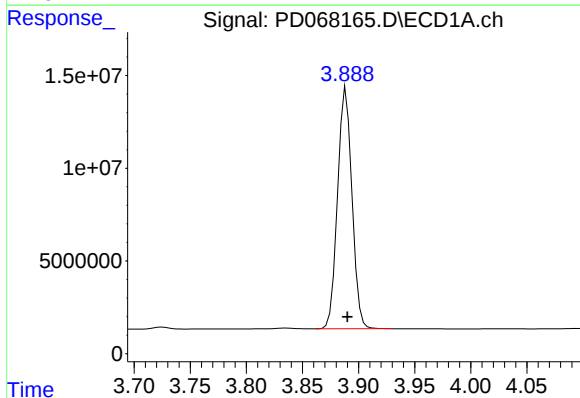
R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 74225128  
Conc: 50.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



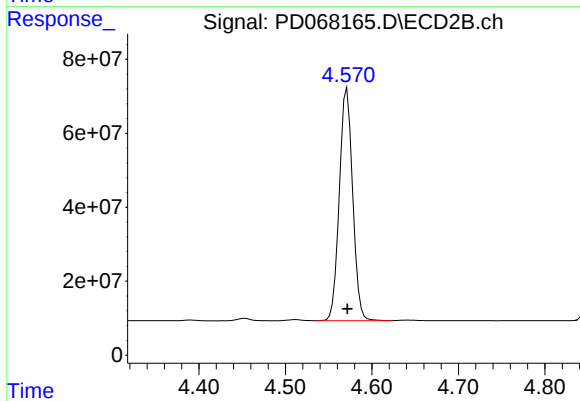
#1 Tetrachloro-m-xylene

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 455877388  
Conc: 49.30 ng/ml



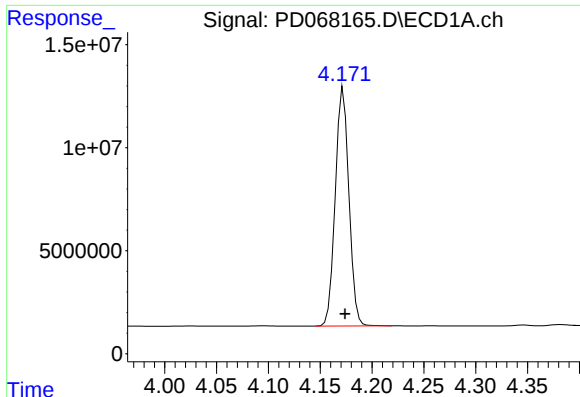
#2 alpha-BHC

R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 116369323  
Conc: 52.35 ng/ml



#2 alpha-BHC

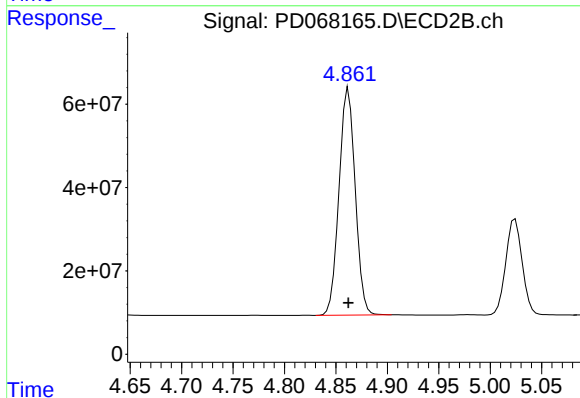
R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 667466937  
Conc: 50.49 ng/ml



#3 gamma-BHC (Lindane)

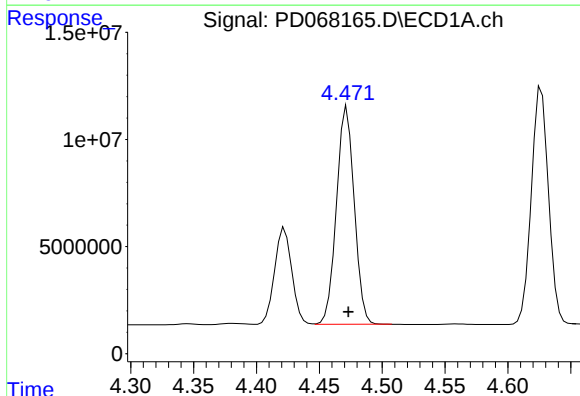
R.T.: 4.172 min  
Delta R.T.: -0.001 min  
Response: 105897211  
Conc: 51.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



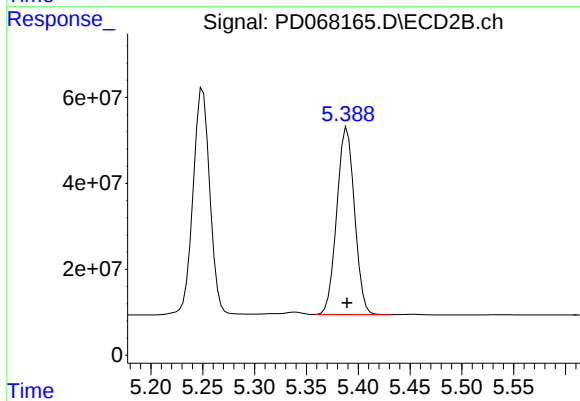
#3 gamma-BHC (Lindane)

R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 596905389  
Conc: 50.27 ng/ml



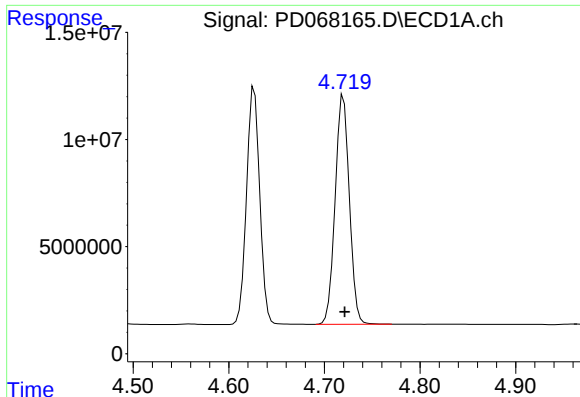
#4 Heptachlor

R.T.: 4.472 min  
Delta R.T.: -0.001 min  
Response: 100053840  
Conc: 51.54 ng/ml



#4 Heptachlor

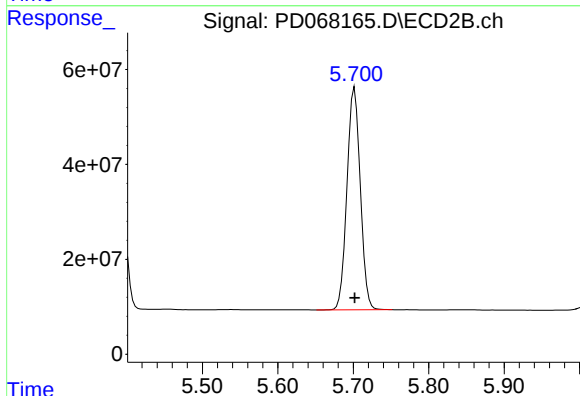
R.T.: 5.389 min  
Delta R.T.: 0.000 min  
Response: 517438439  
Conc: 50.62 ng/ml



#5 Aldrin

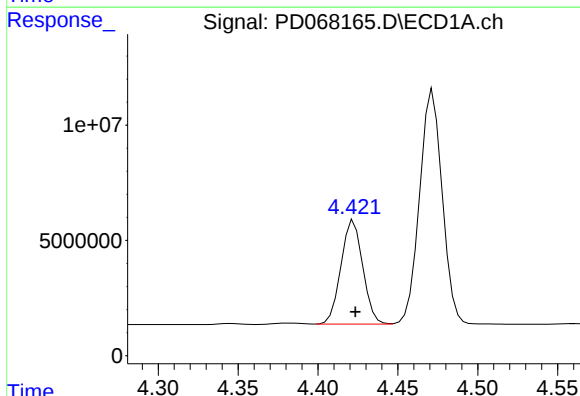
R.T.: 4.720 min  
Delta R.T.: -0.001 min  
Response: 110150762  
Conc: 50.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



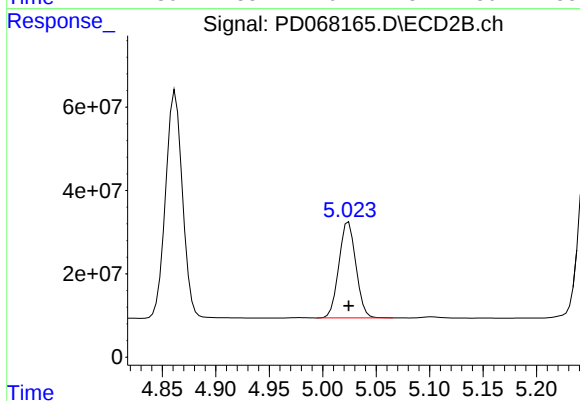
#5 Aldrin

R.T.: 5.702 min  
Delta R.T.: 0.000 min  
Response: 575041186  
Conc: 49.97 ng/ml



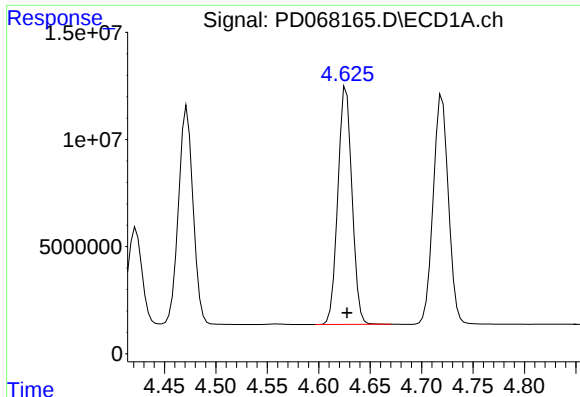
#6 beta-BHC

R.T.: 4.422 min  
Delta R.T.: -0.001 min  
Response: 42821920  
Conc: 50.26 ng/ml



#6 beta-BHC

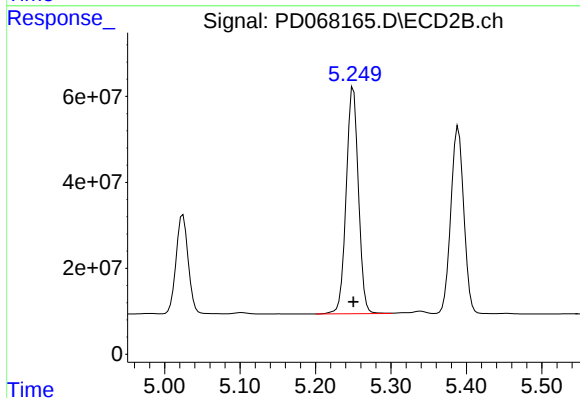
R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 255279823  
Conc: 49.34 ng/ml



#7 delta-BHC

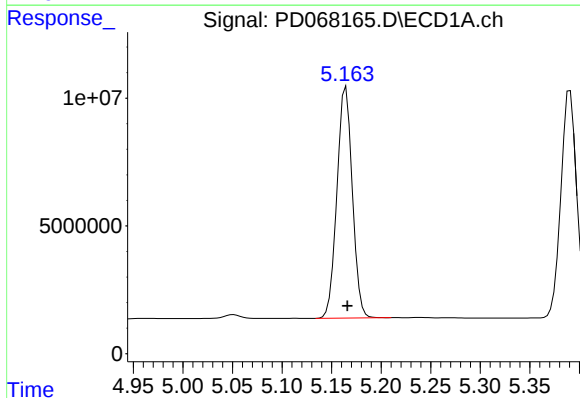
R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 105853757  
Conc: 51.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



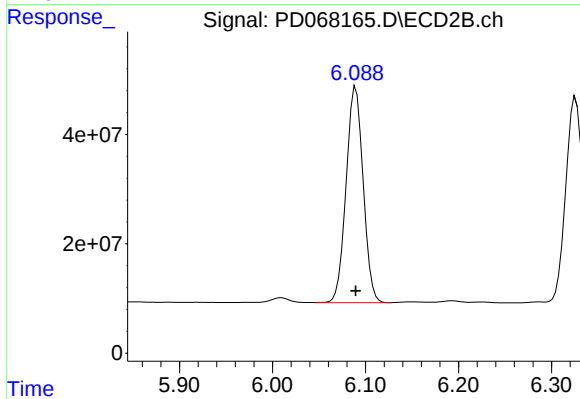
#7 delta-BHC

R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 593916091  
Conc: 50.18 ng/ml



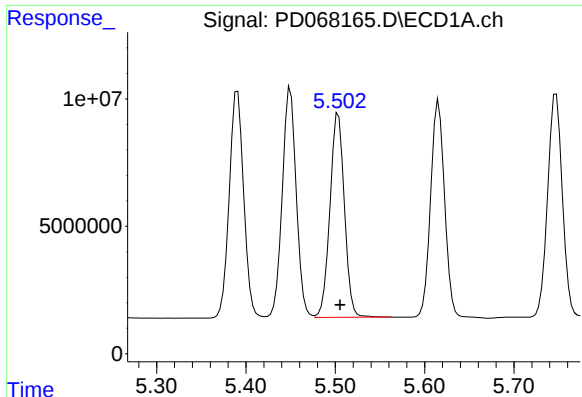
#8 Heptachlor epoxide

R.T.: 5.164 min  
Delta R.T.: -0.002 min  
Response: 97761225  
Conc: 50.16 ng/ml



#8 Heptachlor epoxide

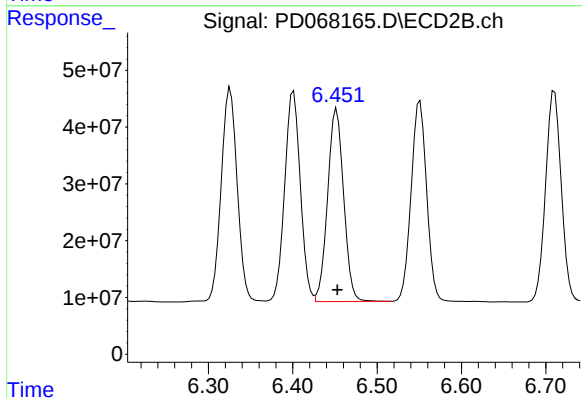
R.T.: 6.090 min  
Delta R.T.: 0.000 min  
Response: 503267527  
Conc: 49.85 ng/ml



#9 Endosulfan I

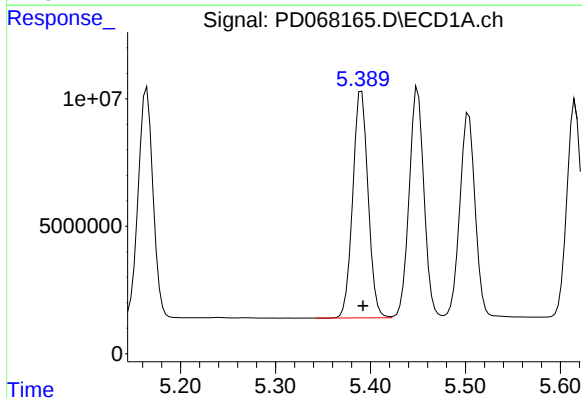
R.T.: 5.503 min  
Delta R.T.: -0.002 min  
Response: 90094830  
Conc: 50.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



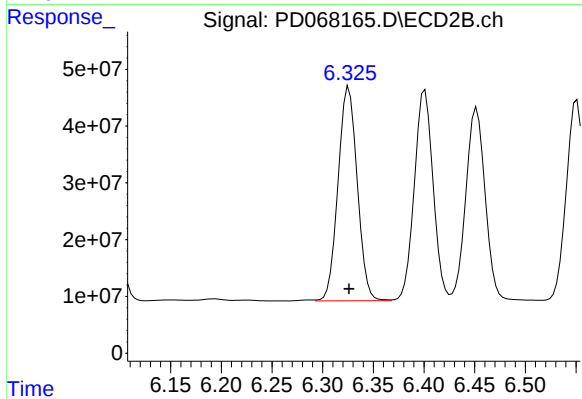
#9 Endosulfan I

R.T.: 6.452 min  
Delta R.T.: -0.001 min  
Response: 449050031  
Conc: 50.08 ng/ml



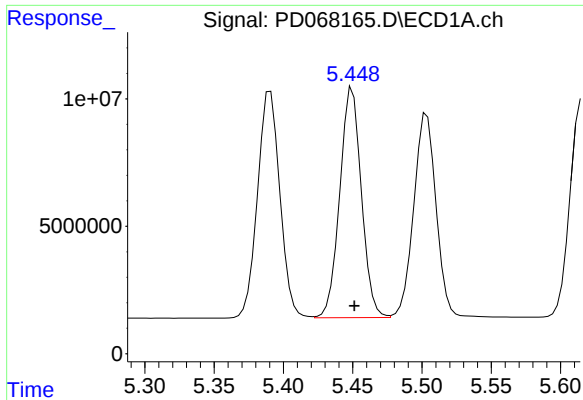
#10 gamma-Chlordane

R.T.: 5.391 min  
Delta R.T.: -0.001 min  
Response: 99814373  
Conc: 50.19 ng/ml



#10 gamma-Chlordane

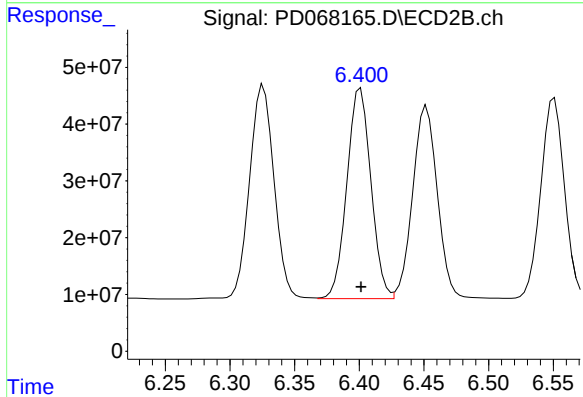
R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 496147202  
Conc: 50.57 ng/ml



#11 alpha-Chlordane

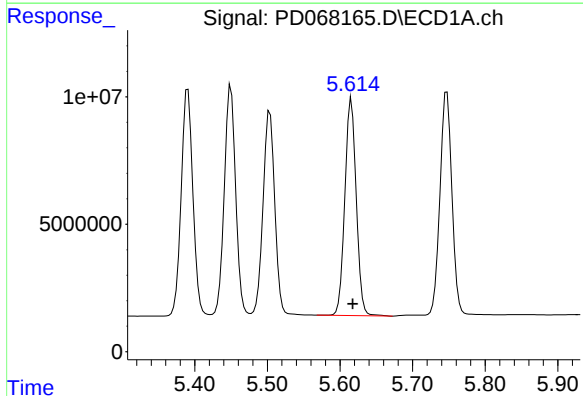
R.T.: 5.450 min  
Delta R.T.: -0.001 min  
Response: 98042005  
Conc: 50.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



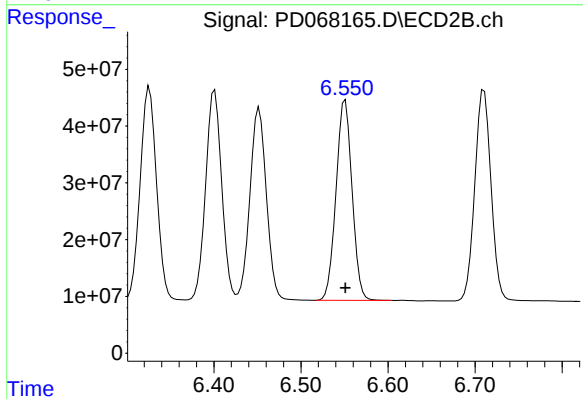
#11 alpha-Chlordane

R.T.: 6.401 min  
Delta R.T.: 0.000 min  
Response: 478869274  
Conc: 49.97 ng/ml



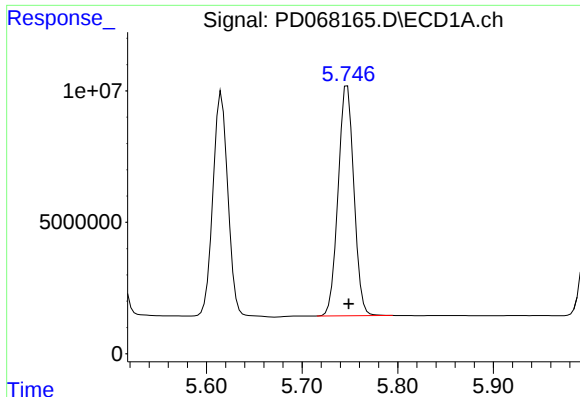
#12 4,4'-DDE

R.T.: 5.616 min  
Delta R.T.: -0.002 min  
Response: 93036348  
Conc: 51.07 ng/ml



#12 4,4'-DDE

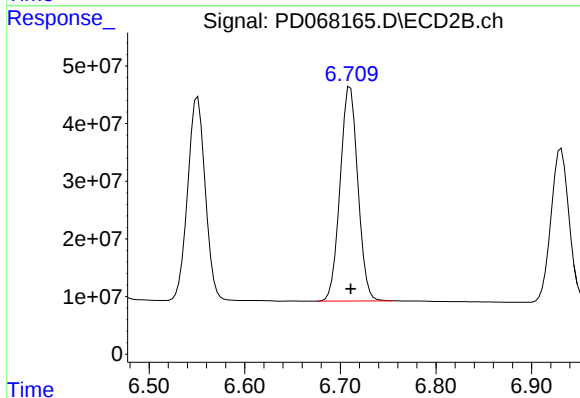
R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 451441887  
Conc: 49.97 ng/ml



#13 Dieldrin

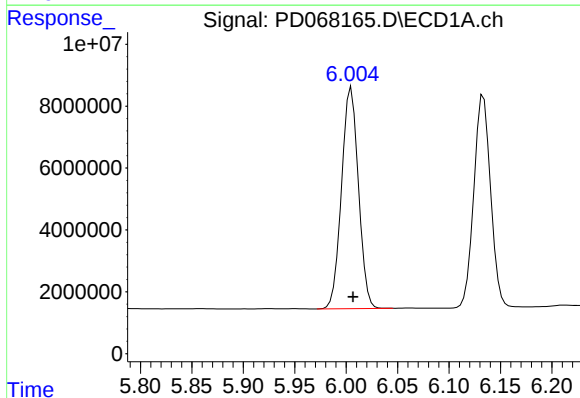
R.T.: 5.747 min  
Delta R.T.: -0.001 min  
Response: 100292150  
Conc: 50.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



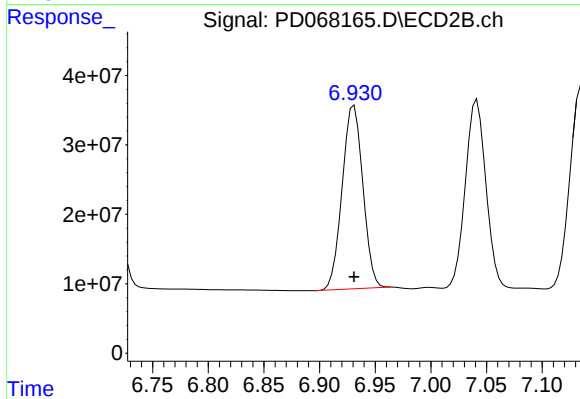
#13 Dieldrin

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 480398962  
Conc: 49.95 ng/ml



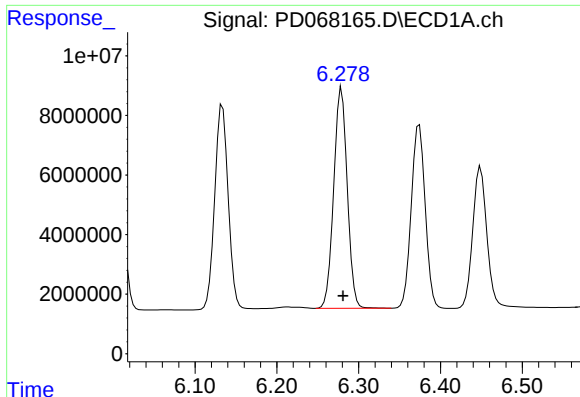
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.002 min  
Response: 81776349  
Conc: 49.84 ng/ml



#14 Endrin

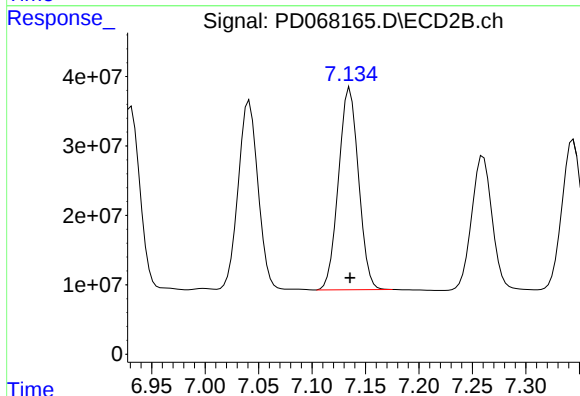
R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 342729067  
Conc: 47.82 ng/ml



#15 Endosulfan II

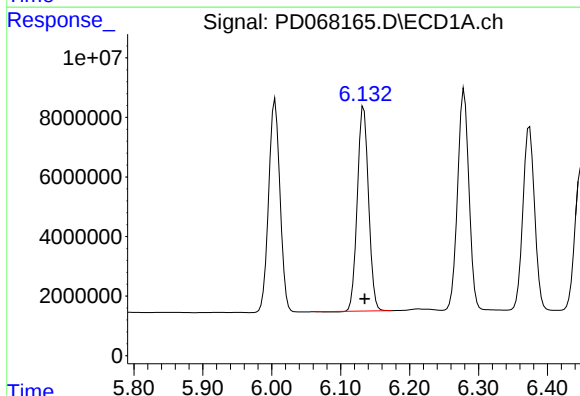
R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 85113138  
Conc: 50.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



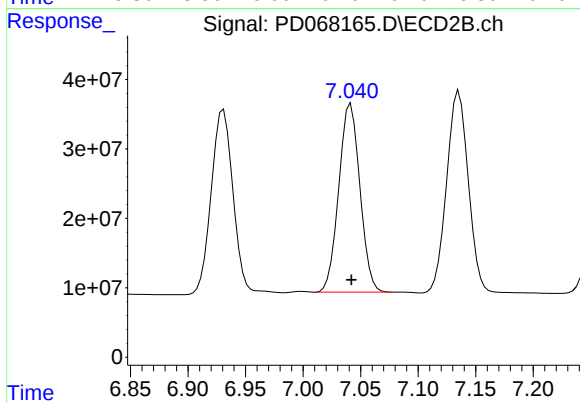
#15 Endosulfan II

R.T.: 7.135 min  
Delta R.T.: 0.000 min  
Response: 379622118  
Conc: 49.71 ng/ml



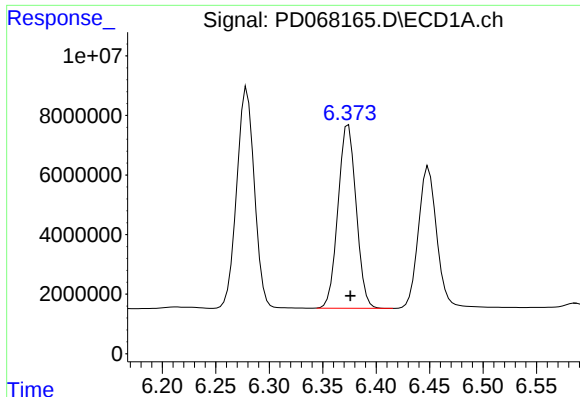
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 77458024  
Conc: 50.53 ng/ml



#16 4,4'-DDD

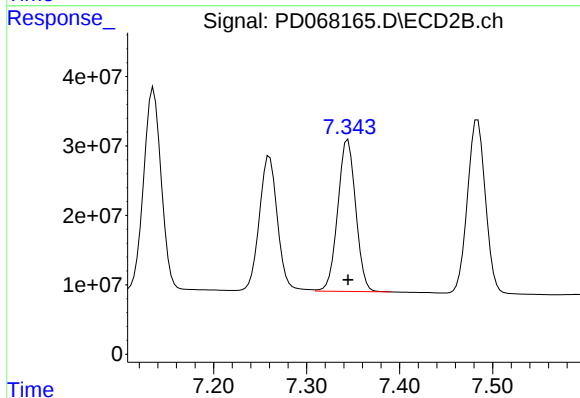
R.T.: 7.041 min  
Delta R.T.: 0.000 min  
Response: 348121479  
Conc: 49.67 ng/ml



#17 4,4'-DDT

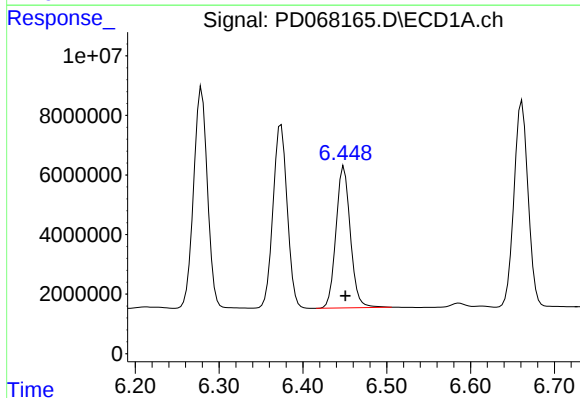
R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 72778196  
Conc: 52.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



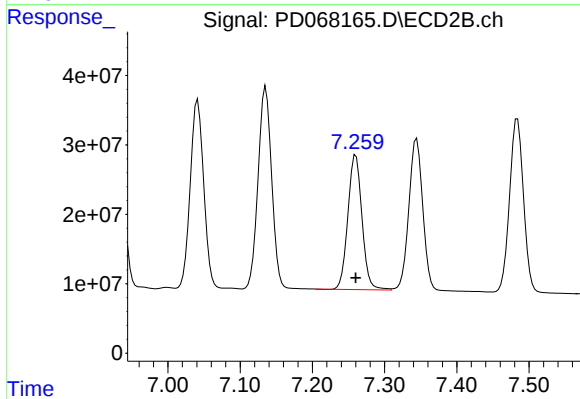
#17 4,4'-DDT

R.T.: 7.345 min  
Delta R.T.: 0.000 min  
Response: 292908570  
Conc: 51.66 ng/ml



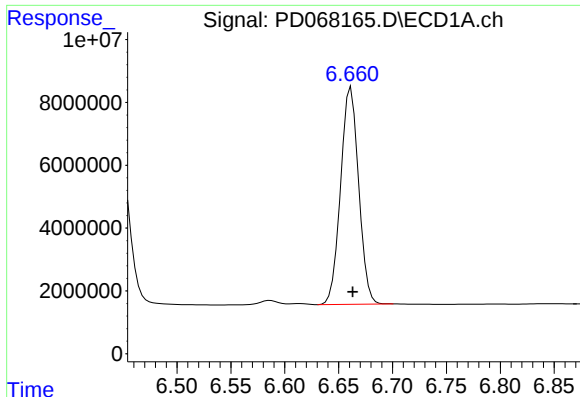
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: -0.002 min  
Response: 56549714  
Conc: 51.23 ng/ml



#18 Endrin aldehyde

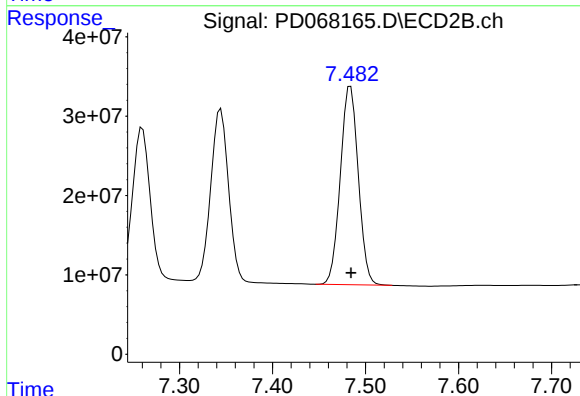
R.T.: 7.260 min  
Delta R.T.: 0.000 min  
Response: 262247962  
Conc: 50.64 ng/ml



#19 Endosulfan Sulfate

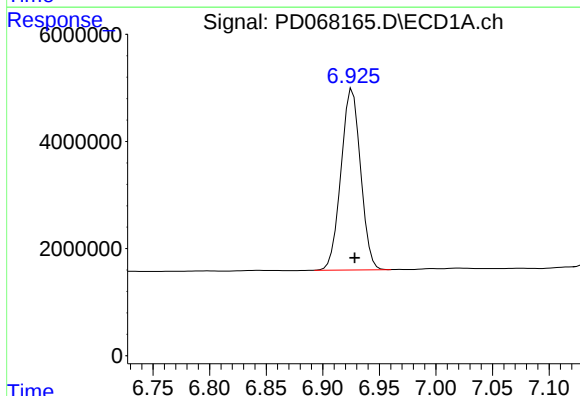
R.T.: 6.661 min  
Delta R.T.: -0.002 min  
Response: 80553284  
Conc: 51.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



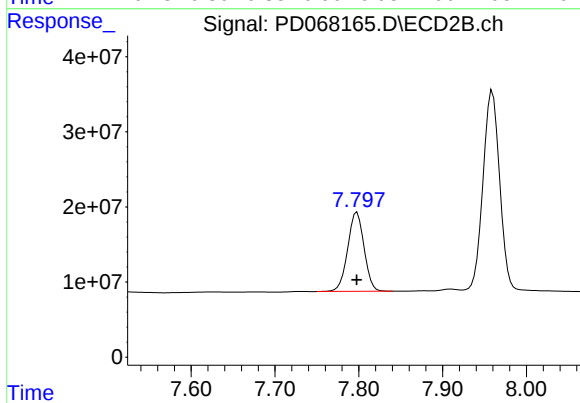
#19 Endosulfan Sulfate

R.T.: 7.484 min  
Delta R.T.: 0.000 min  
Response: 335897366  
Conc: 49.16 ng/ml



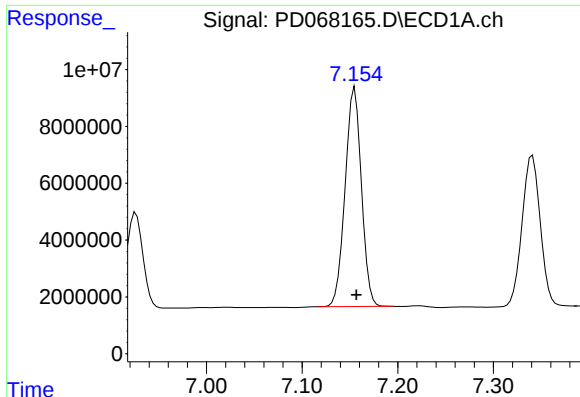
#20 Methoxychlor

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 40657960  
Conc: 52.26 ng/ml



#20 Methoxychlor

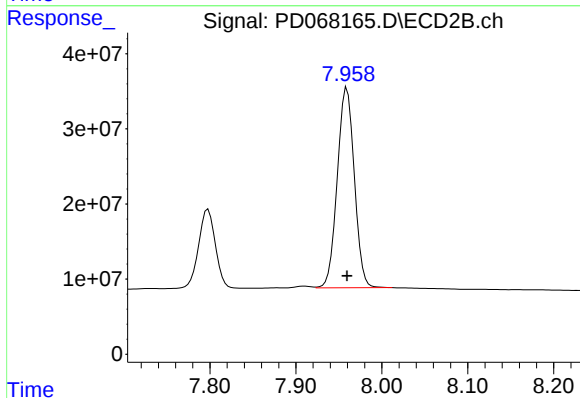
R.T.: 7.798 min  
Delta R.T.: 0.000 min  
Response: 143396837  
Conc: 52.98 ng/ml



#21 Endrin ketone

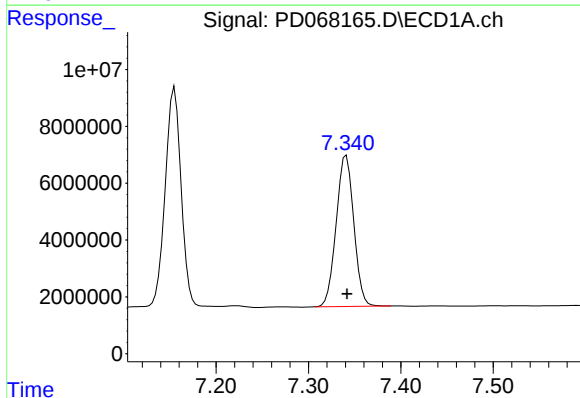
R.T.: 7.155 min  
Delta R.T.: -0.002 min  
Response: 91649175  
Conc: 51.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



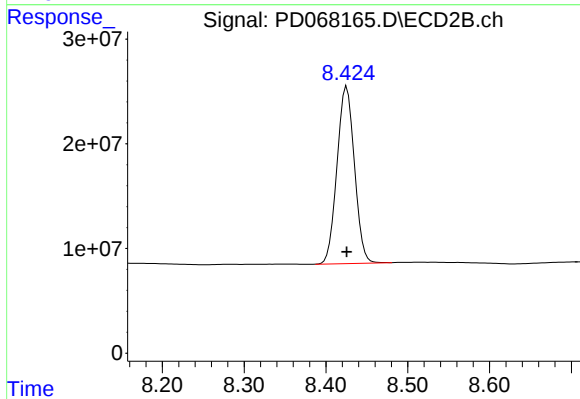
#21 Endrin ketone

R.T.: 7.959 min  
Delta R.T.: 0.000 min  
Response: 367311511  
Conc: 51.10 ng/ml



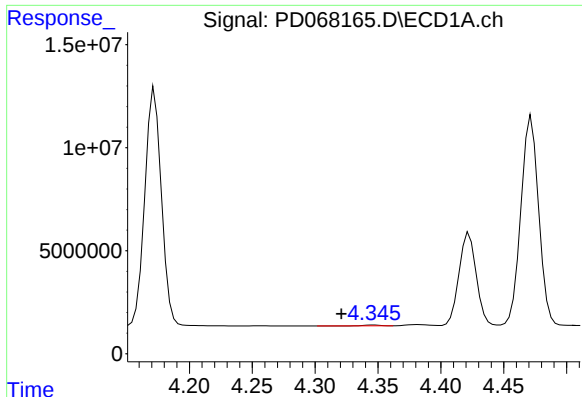
#22 Mirex

R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 70430964  
Conc: 49.28 ng/ml



#22 Mirex

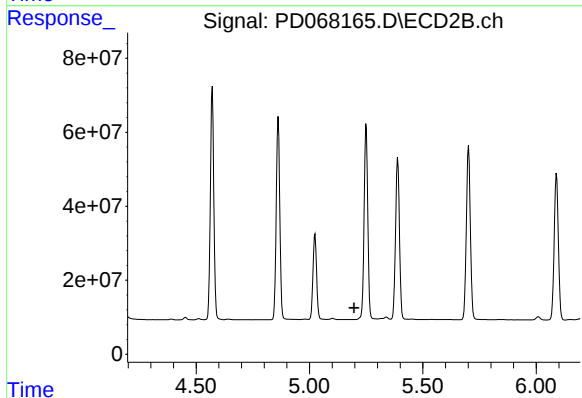
R.T.: 8.426 min  
Delta R.T.: 0.000 min  
Response: 250126687  
Conc: 49.90 ng/ml



#23 Chlordane-1

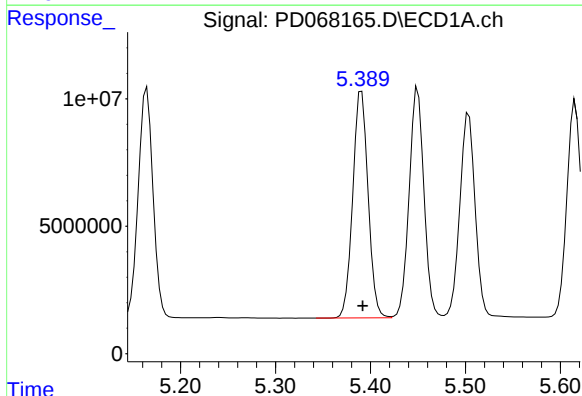
R.T.: 4.346 min  
Delta R.T.: 0.025 min  
Response: 427695  
Conc: 7.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



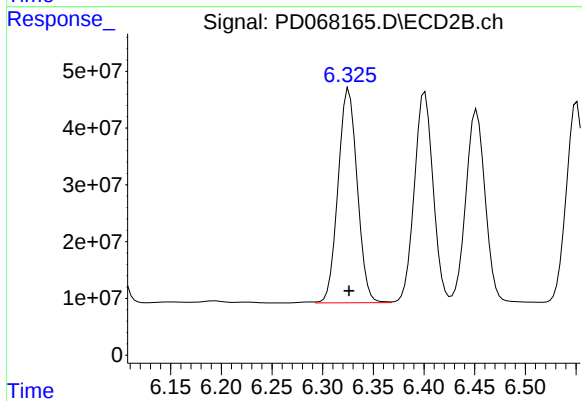
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.197 min  
Response: 0  
Conc: N.D.



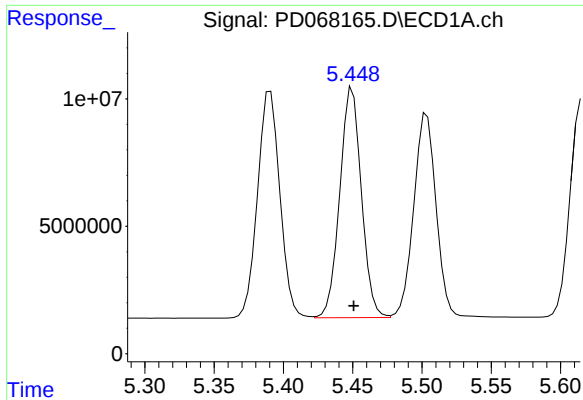
#25 Chlordane-3

R.T.: 5.391 min  
Delta R.T.: -0.001 min  
Response: 99814373  
Conc: 479.01 ng/ml



#25 Chlordane-3

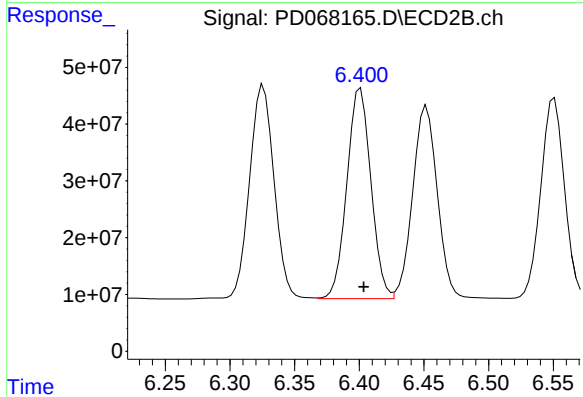
R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 496147202  
Conc: 341.81 ng/ml



#26 Chlordane-4

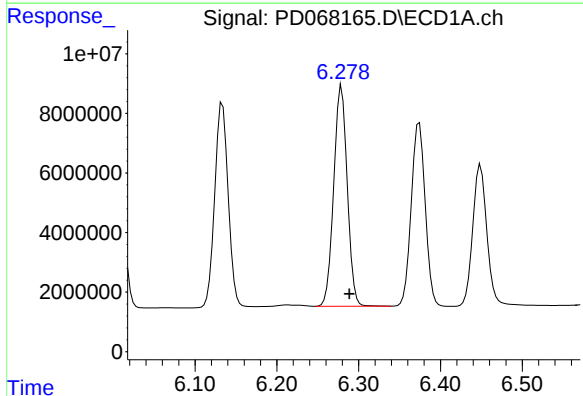
R.T.: 5.450 min  
Delta R.T.: 0.000 min  
Response: 98042005  
Conc: 557.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



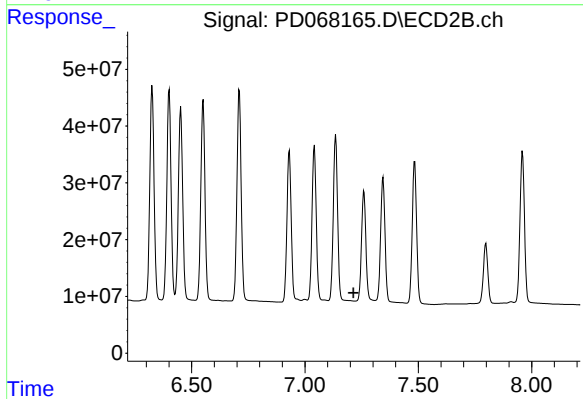
#26 Chlordane-4

R.T.: 6.401 min  
Delta R.T.: -0.002 min  
Response: 478869274  
Conc: 287.28 ng/ml



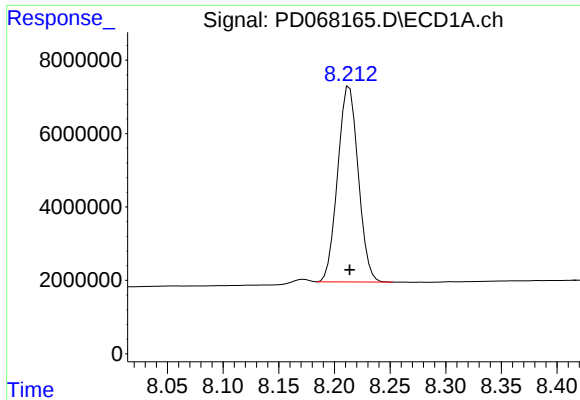
#27 Chlordane-5

R.T.: 6.279 min  
Delta R.T.: -0.010 min  
Response: 85113138  
Conc: 1289.18 ng/ml



#27 Chlordane-5

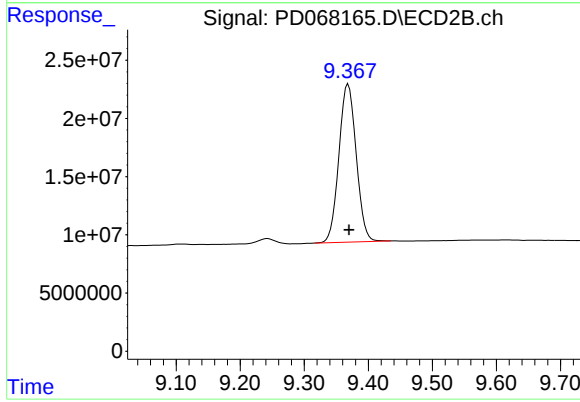
R.T.: 0.000 min  
Exp R.T.: 7.215 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.213 min  
Delta R.T.: 0.000 min  
Response: 68538708  
Conc: 47.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.369 min  
Delta R.T.: -0.001 min  
Response: 254493754  
Conc: 51.12 ng/ml