

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022422\  
 Data File : PD068187.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2022 18:24  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 25 06:19:57 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... | 3.450  | 4.176 | 73394513 | 450.3E6 | 50.416   | 48.689    |
| 28)                         | SA Decachlor... | 8.213  | 9.370 | 72138059 | 259.1E6 | 50.340   | 52.055    |
| Target Compounds            |                 |        |       |          |         |          |           |
| 2)                          | A alpha-BHC     | 3.889  | 4.571 | 116.3E6  | 664.1E6 | 52.305   | 50.237    |
| 3)                          | MA gamma-BHC... | 4.173  | 4.862 | 106.2E6  | 596.2E6 | 51.985   | 50.212    |
| 4)                          | MA Heptachlor   | 4.472  | 5.390 | 101.2E6  | 529.3E6 | 52.151   | 51.781    |
| 5)                          | MB Aldrin       | 4.720  | 5.703 | 111.3E6  | 578.3E6 | 51.461   | 50.250    |
| 6)                          | B beta-BHC      | 4.422  | 5.024 | 43187401 | 255.9E6 | 50.690   | 49.453    |
| 7)                          | B delta-BHC     | 4.627  | 5.250 | 108.2E6  | 601.0E6 | 52.771   | 50.772    |
| 8)                          | B Heptachlo...  | 5.164  | 6.091 | 99541324 | 511.9E6 | 51.069   | 50.706    |
| 9)                          | A Endosulfan I  | 5.503  | 6.453 | 91750838 | 451.5E6 | 51.178   | 50.361    |
| 10)                         | B gamma-Chl...  | 5.391  | 6.327 | 101.8E6  | 500.5E6 | 51.192   | 51.015    |
| 11)                         | B alpha-Chl...  | 5.450  | 6.401 | 99731246 | 483.8E6 | 51.003   | 50.493    |
| 12)                         | B 4,4'-DDE      | 5.615  | 6.552 | 95684066 | 456.4E6 | 52.528   | 50.518    |
| 13)                         | MA Dieldrin     | 5.747  | 6.711 | 102.8E6  | 490.3E6 | 51.851   | 50.978    |
| 14)                         | MA Endrin       | 6.005  | 6.931 | 83583406 | 345.3E6 | 50.942   | 48.176    |
| 15)                         | B Endosulfa...  | 6.279  | 7.136 | 87141273 | 392.1E6 | 51.838   | 51.342    |
| 16)                         | A 4,4'-DDD      | 6.133  | 7.042 | 80128406 | 364.4E6 | 52.275   | 51.989    |
| 17)                         | MA 4,4'-DDT     | 6.374  | 7.345 | 73632010 | 308.2E6 | 53.521   | 54.362    |
| 18)                         | B Endrin al...  | 6.449  | 7.260 | 57364123 | 270.4E6 | 51.964   | 52.216    |
| 19)                         | B Endosulfa...  | 6.662  | 7.484 | 82483572 | 359.6E6 | 52.463   | 52.629    |
| 20)                         | A Methoxychlor  | 6.925  | 7.798 | 40783865 | 151.3E6 | 52.418   | 55.886    |
| 21)                         | B Endrin ke...  | 7.154  | 7.960 | 94922646 | 379.9E6 | 53.126   | 52.848    |
| 22)                         | Mirex           | 7.340  | 8.426 | 72701581 | 260.1E6 | 50.866   | 51.889    |
| 23)                         | Chlordane-1     | 4.346f | 0.000 | 430589   | 0       | 7.096    | N.D. #    |
| 25)                         | Chlordane-3     | 5.391  | 6.327 | 101.8E6  | 500.5E6 | 488.614  | 344.798 # |
| 26)                         | Chlordane-4     | 5.450  | 6.401 | 99731246 | 483.8E6 | 567.103  | 290.268 # |
| 27)                         | Chlordane-5     | 6.279  | 0.000 | 87141273 | 0       | 1319.902 | N.D. #    |
| -----                       |                 |        |       |          |         |          |           |

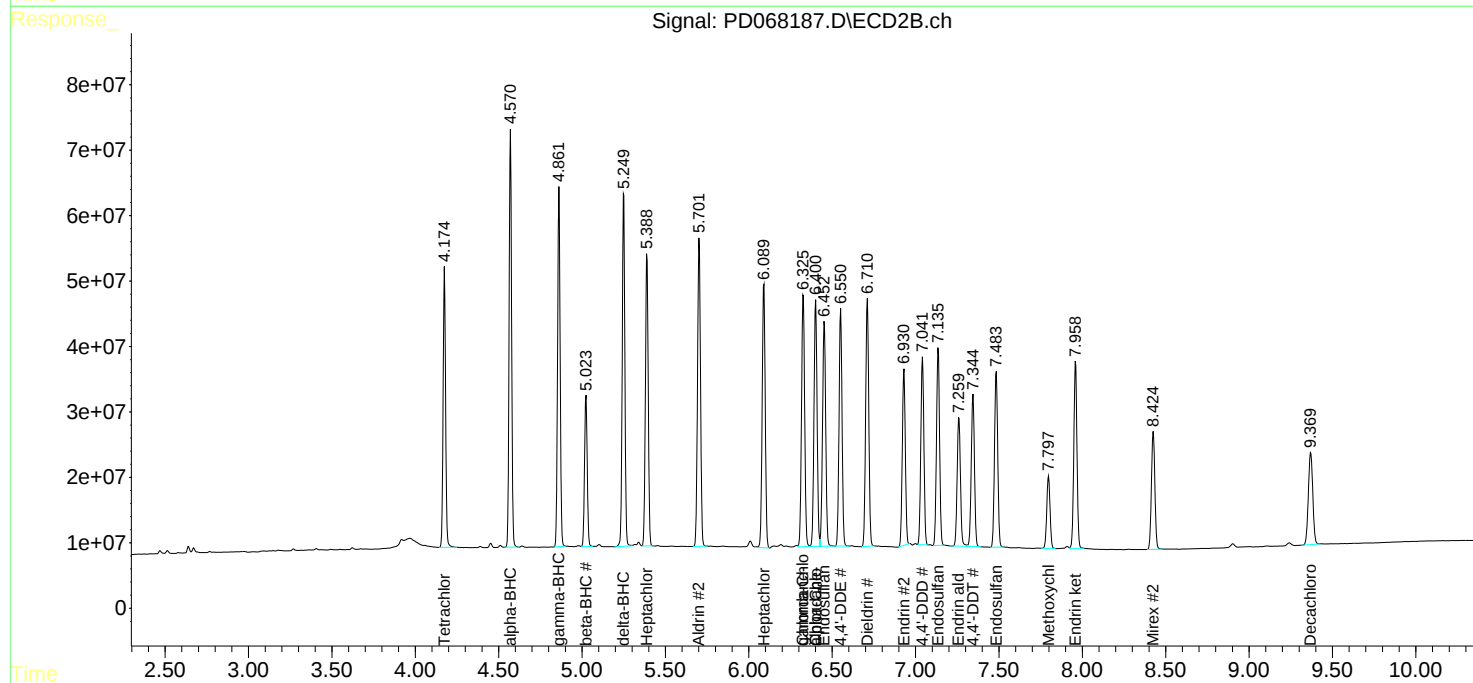
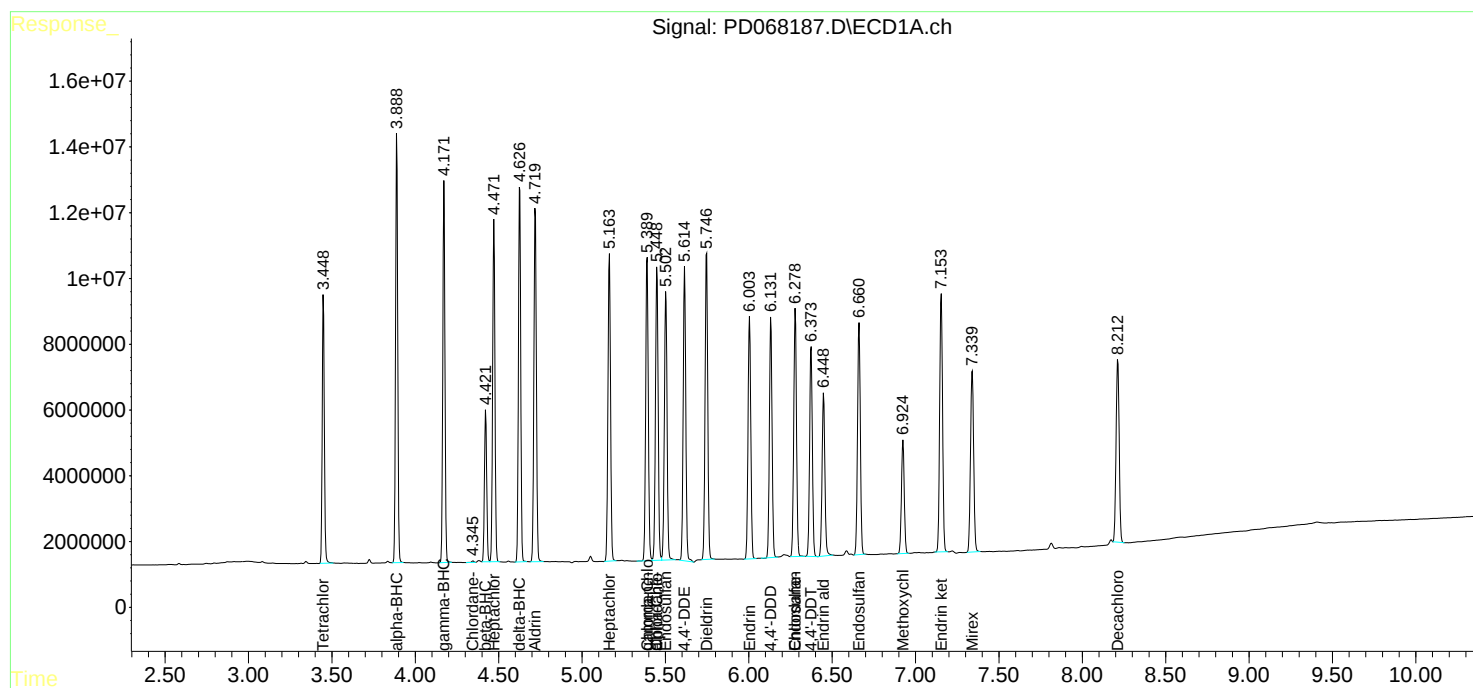
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

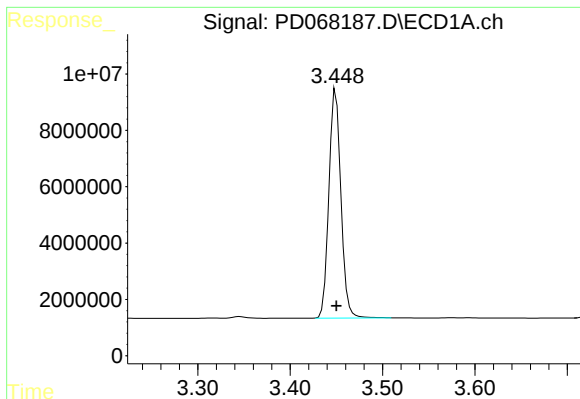
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022422\  
Data File : PD068187.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Feb 2022 18:24  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 25 06:19:57 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

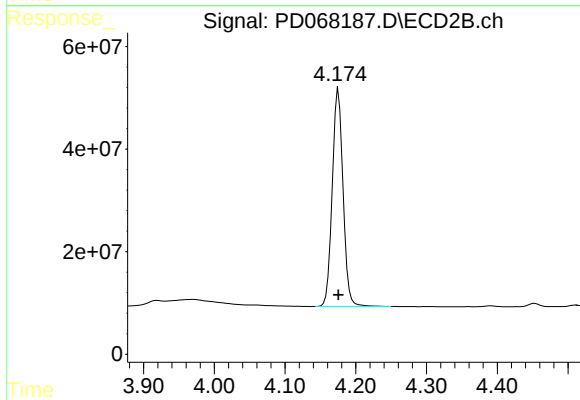




#1 Tetrachloro-m-xylene

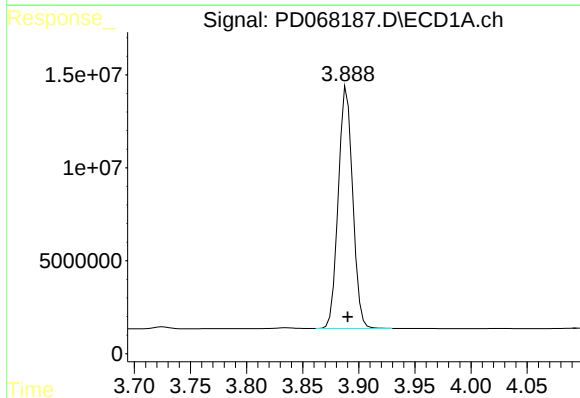
R.T.: 3.450 min  
Delta R.T.: 0.000 min  
Response: 73394513  
Conc: 50.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



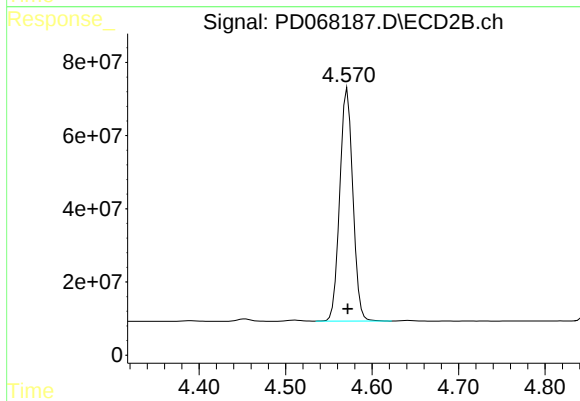
#1 Tetrachloro-m-xylene

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 450256871  
Conc: 48.69 ng/ml



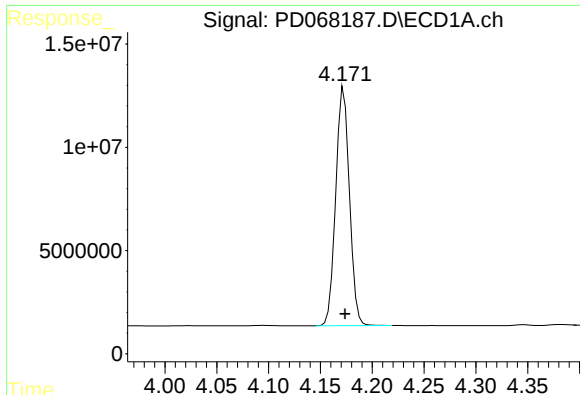
#2 alpha-BHC

R.T.: 3.889 min  
Delta R.T.: 0.000 min  
Response: 116267290  
Conc: 52.30 ng/ml



#2 alpha-BHC

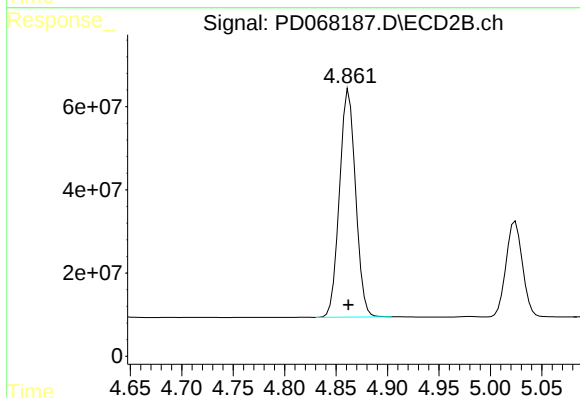
R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 664056379  
Conc: 50.24 ng/ml



#3 gamma-BHC (Lindane)

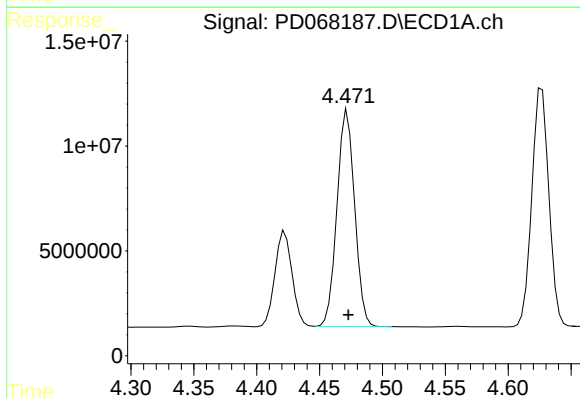
R.T.: 4.173 min  
Delta R.T.: -0.001 min  
Response: 106237385  
Conc: 51.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



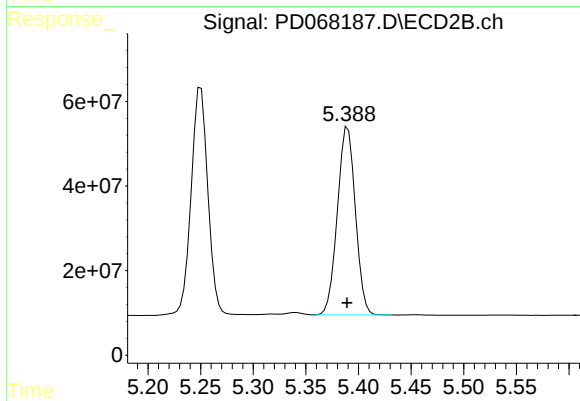
#3 gamma-BHC (Lindane)

R.T.: 4.862 min  
Delta R.T.: 0.000 min  
Response: 596196844  
Conc: 50.21 ng/ml



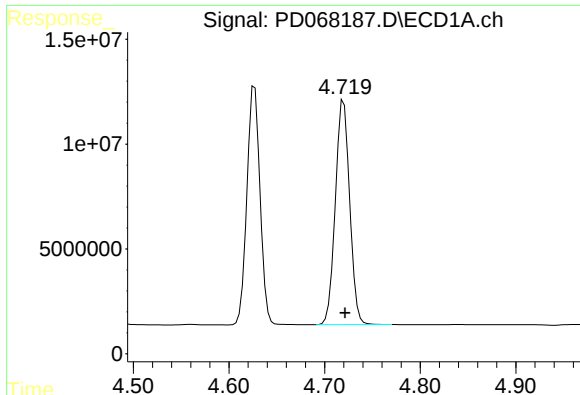
#4 Heptachlor

R.T.: 4.472 min  
Delta R.T.: 0.000 min  
Response: 101243068  
Conc: 52.15 ng/ml



#4 Heptachlor

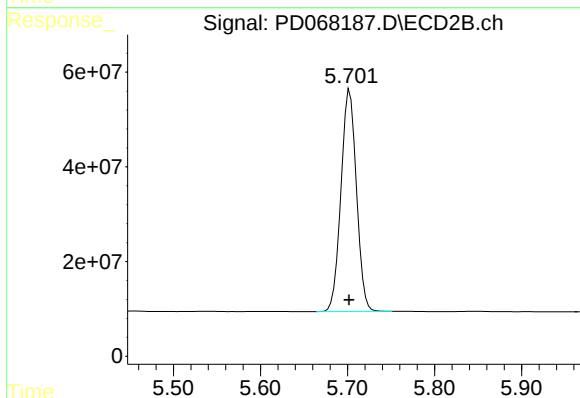
R.T.: 5.390 min  
Delta R.T.: 0.000 min  
Response: 529330111  
Conc: 51.78 ng/ml



#5 Aldrin

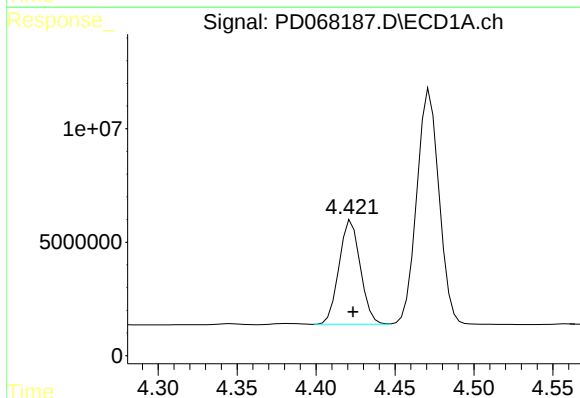
R.T.: 4.720 min  
Delta R.T.: -0.001 min  
Response: 111274791  
Conc: 51.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



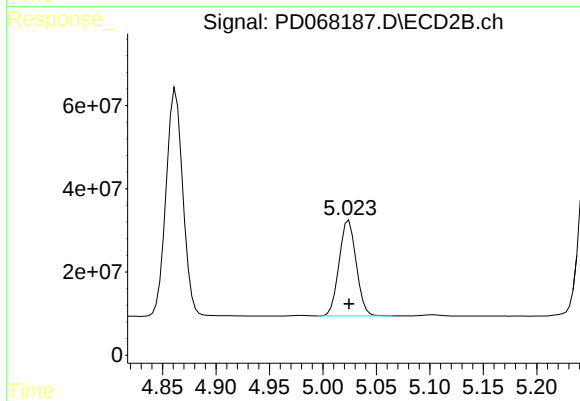
#5 Aldrin

R.T.: 5.703 min  
Delta R.T.: 0.000 min  
Response: 578292105  
Conc: 50.25 ng/ml



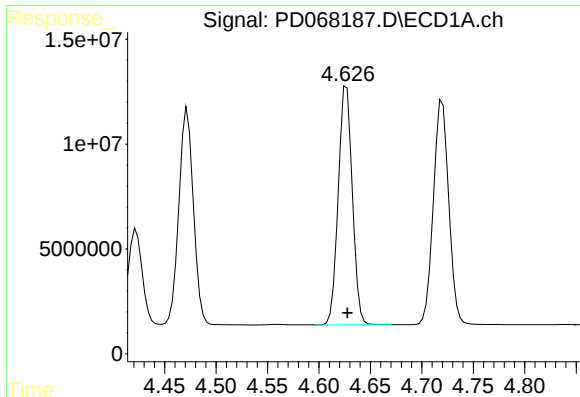
#6 beta-BHC

R.T.: 4.422 min  
Delta R.T.: -0.001 min  
Response: 43187401  
Conc: 50.69 ng/ml



#6 beta-BHC

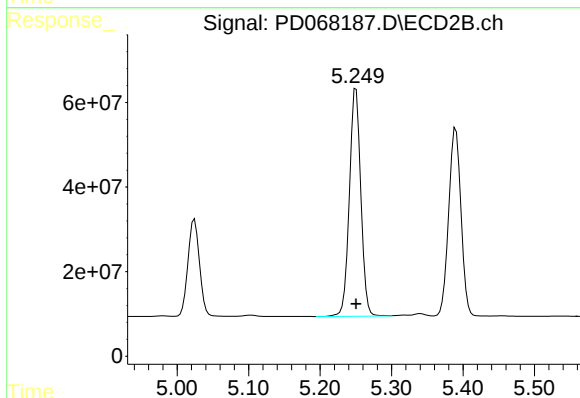
R.T.: 5.024 min  
Delta R.T.: 0.000 min  
Response: 255872457  
Conc: 49.45 ng/ml



#7 delta-BHC

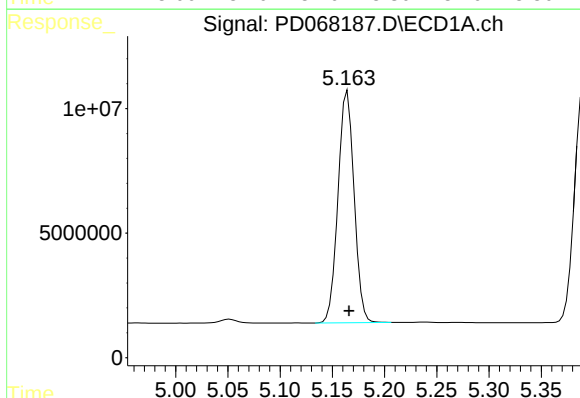
R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 108157938  
Conc: 52.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



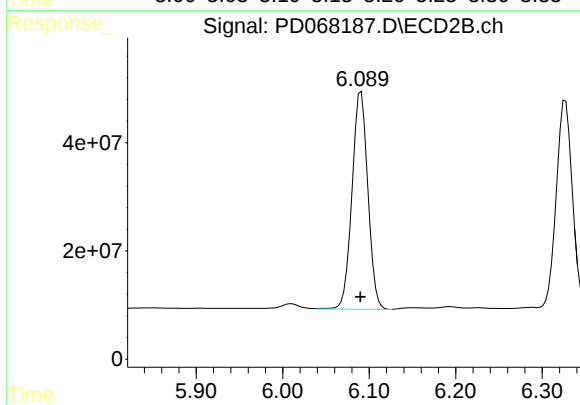
#7 delta-BHC

R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 600978817  
Conc: 50.77 ng/ml



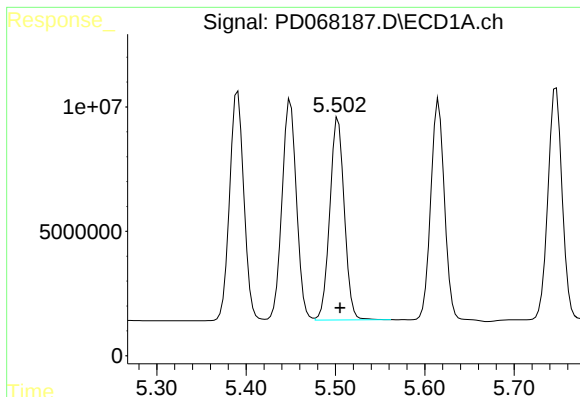
#8 Heptachlor epoxide

R.T.: 5.164 min  
Delta R.T.: -0.002 min  
Response: 99541324  
Conc: 51.07 ng/ml



#8 Heptachlor epoxide

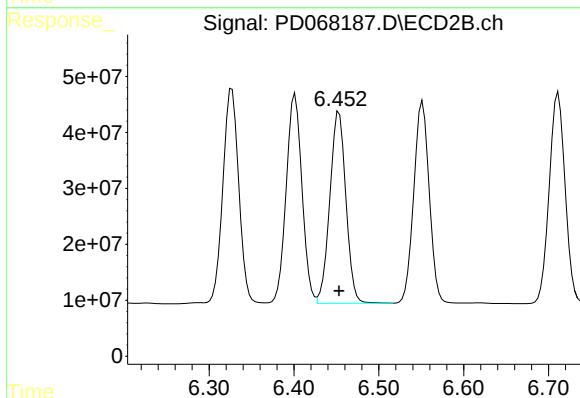
R.T.: 6.091 min  
Delta R.T.: 0.000 min  
Response: 511912496  
Conc: 50.71 ng/ml



#9 Endosulfan I

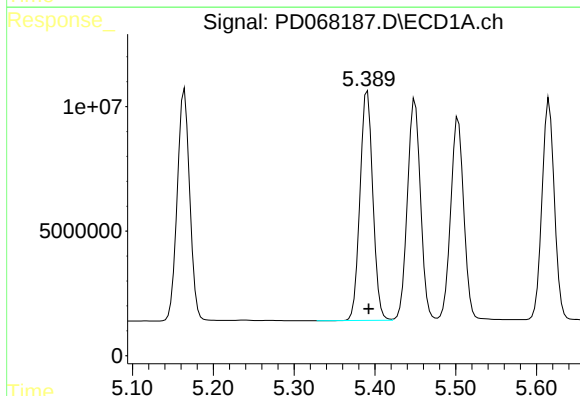
R.T.: 5.503 min  
Delta R.T.: -0.002 min  
Response: 91750838  
Conc: 51.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



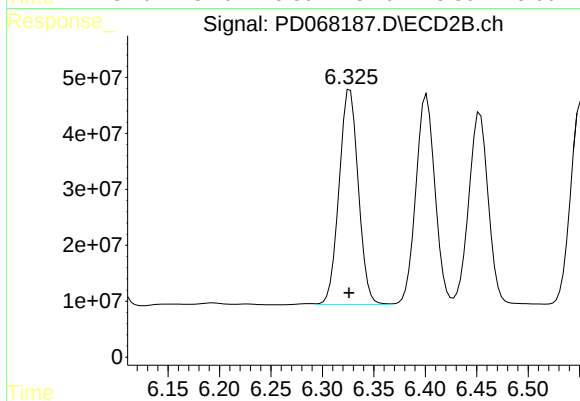
#9 Endosulfan I

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 451525376  
Conc: 50.36 ng/ml



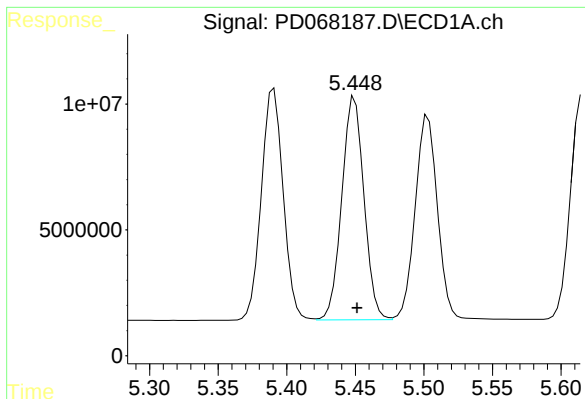
#10 gamma-Chlordane

R.T.: 5.391 min  
Delta R.T.: -0.001 min  
Response: 101814813  
Conc: 51.19 ng/ml



#10 gamma-Chlordane

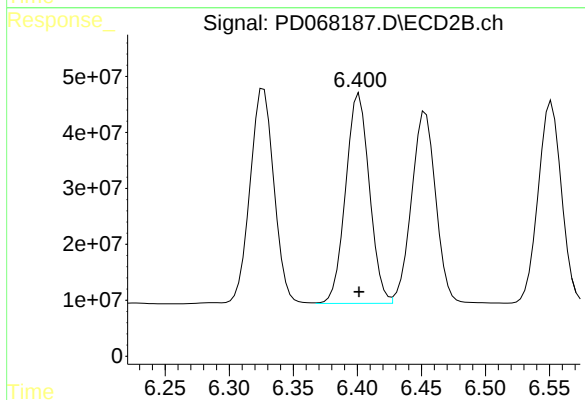
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 500485279  
Conc: 51.01 ng/ml



#11 alpha-Chlordane

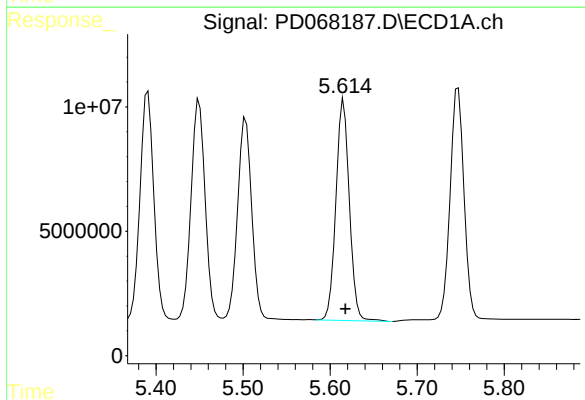
R.T.: 5.450 min  
Delta R.T.: -0.002 min  
Response: 99731246  
Conc: 51.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



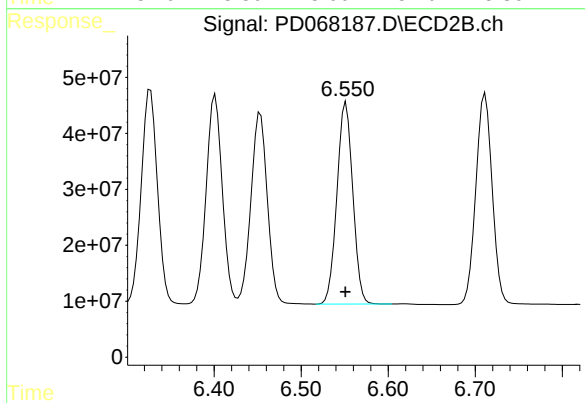
#11 alpha-Chlordane

R.T.: 6.401 min  
Delta R.T.: 0.000 min  
Response: 483846467  
Conc: 50.49 ng/ml



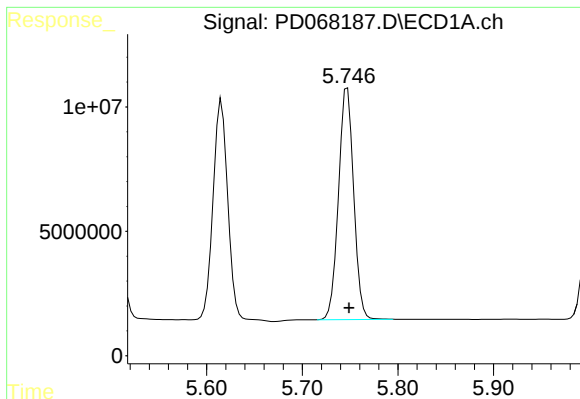
#12 4,4'-DDE

R.T.: 5.615 min  
Delta R.T.: -0.002 min  
Response: 95684066  
Conc: 52.53 ng/ml



#12 4,4'-DDE

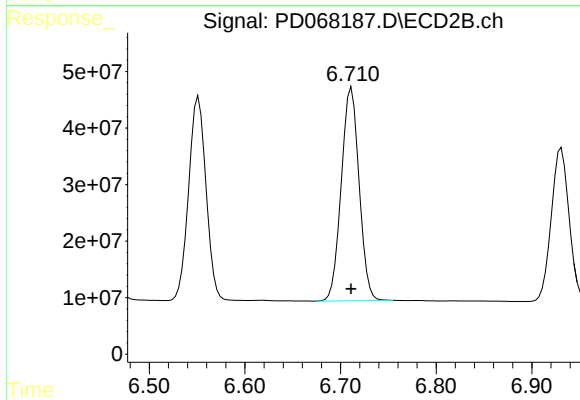
R.T.: 6.552 min  
Delta R.T.: 0.000 min  
Response: 456388269  
Conc: 50.52 ng/ml



#13 Dieldrin

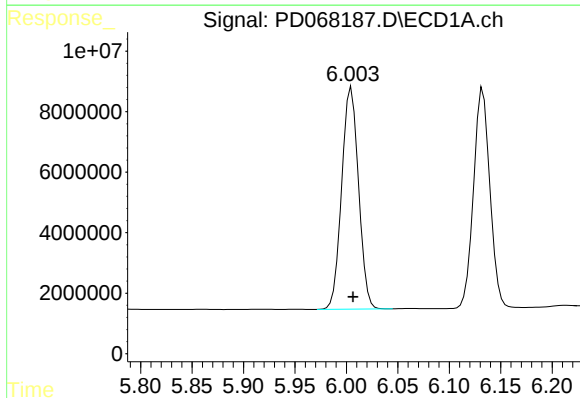
R.T.: 5.747 min  
Delta R.T.: -0.002 min  
Response: 102840532  
Conc: 51.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



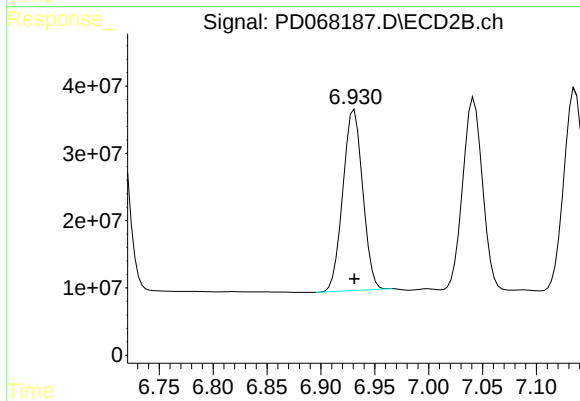
#13 Dieldrin

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 490258260  
Conc: 50.98 ng/ml



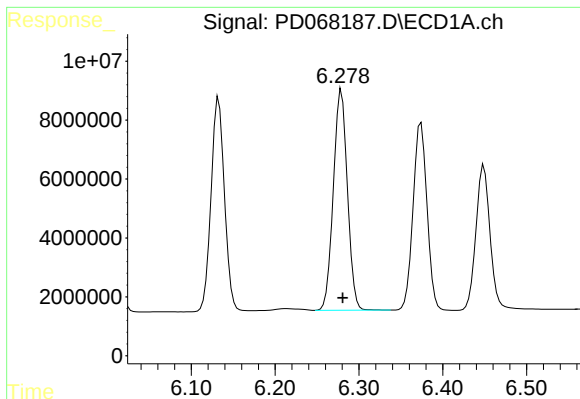
#14 Endrin

R.T.: 6.005 min  
Delta R.T.: -0.002 min  
Response: 83583406  
Conc: 50.94 ng/ml



#14 Endrin

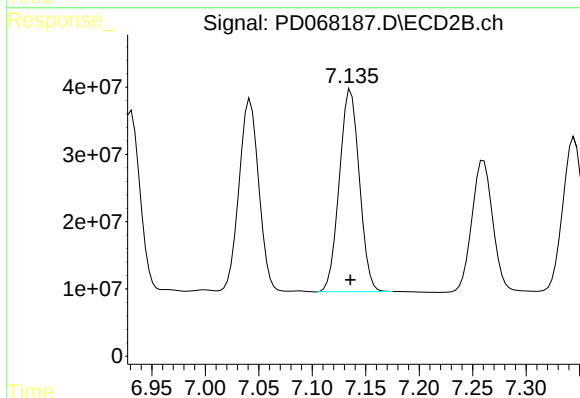
R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 345286211  
Conc: 48.18 ng/ml



#15 Endosulfan II

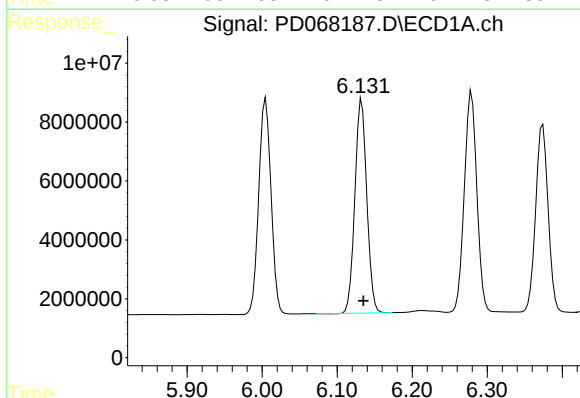
R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 87141273  
Conc: 51.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



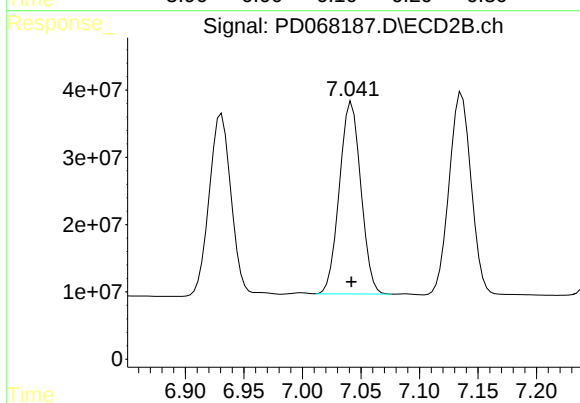
#15 Endosulfan II

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 392077573  
Conc: 51.34 ng/ml



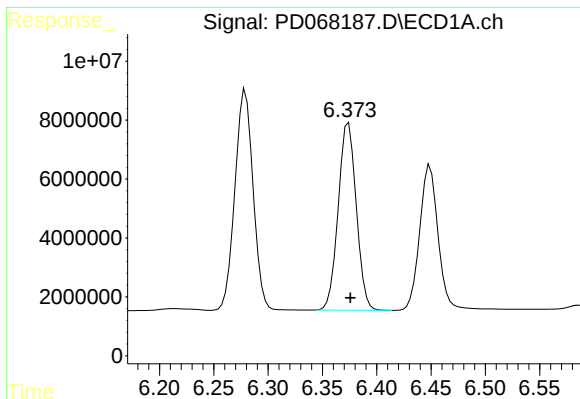
#16 4,4'-DDD

R.T.: 6.133 min  
Delta R.T.: -0.002 min  
Response: 80128406  
Conc: 52.27 ng/ml



#16 4,4'-DDD

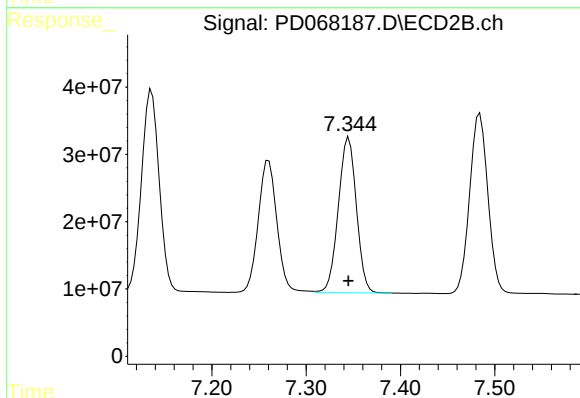
R.T.: 7.042 min  
Delta R.T.: 0.000 min  
Response: 364388676  
Conc: 51.99 ng/ml



#17 4,4'-DDT

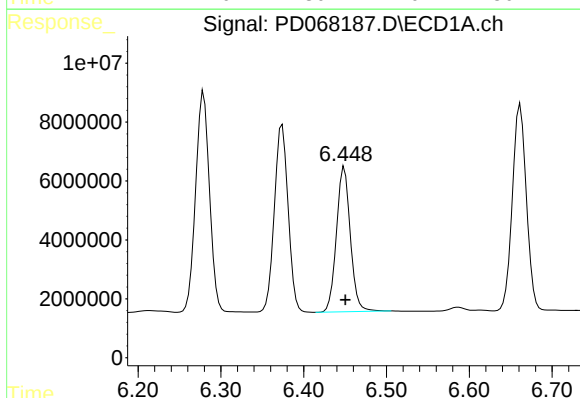
R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 73632010  
Conc: 53.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



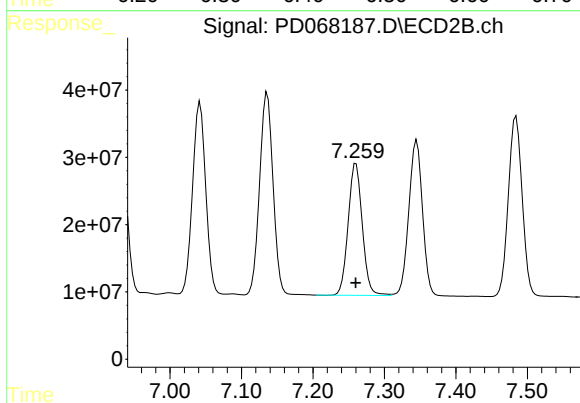
#17 4,4'-DDT

R.T.: 7.345 min  
Delta R.T.: 0.000 min  
Response: 308214935  
Conc: 54.36 ng/ml



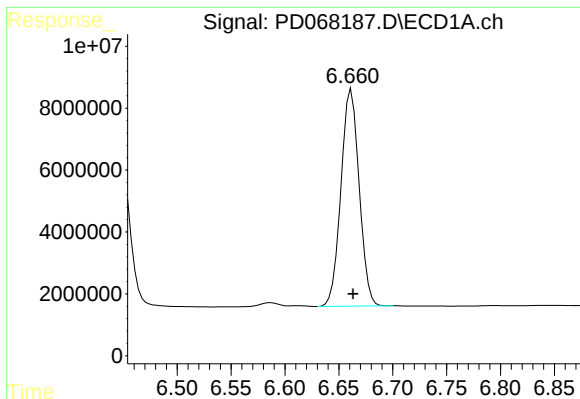
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: -0.001 min  
Response: 57364123  
Conc: 51.96 ng/ml



#18 Endrin aldehyde

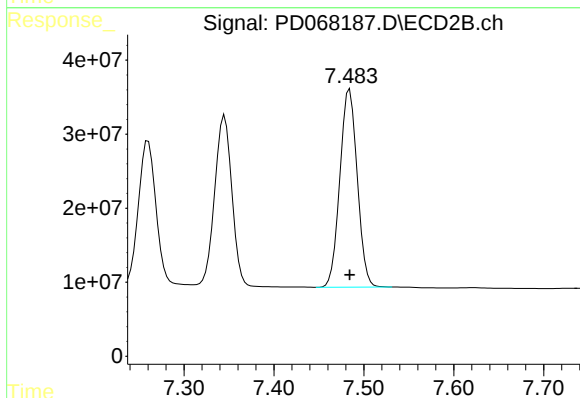
R.T.: 7.260 min  
Delta R.T.: 0.000 min  
Response: 270412732  
Conc: 52.22 ng/ml



#19 Endosulfan Sulfate

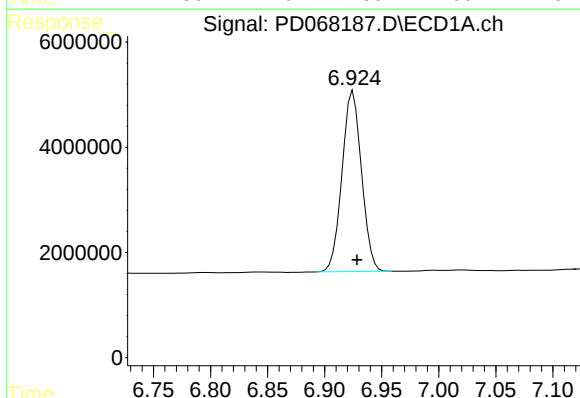
R.T.: 6.662 min  
Delta R.T.: -0.002 min  
Response: 82483572  
Conc: 52.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



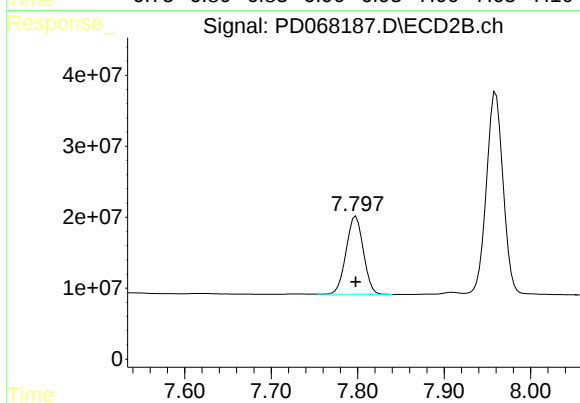
#19 Endosulfan Sulfate

R.T.: 7.484 min  
Delta R.T.: 0.000 min  
Response: 359622454  
Conc: 52.63 ng/ml



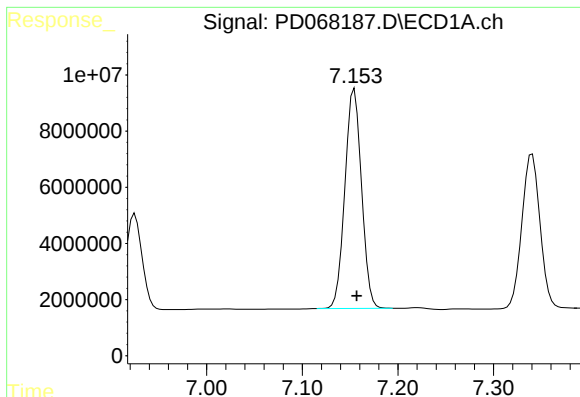
#20 Methoxychlor

R.T.: 6.925 min  
Delta R.T.: -0.003 min  
Response: 40783865  
Conc: 52.42 ng/ml



#20 Methoxychlor

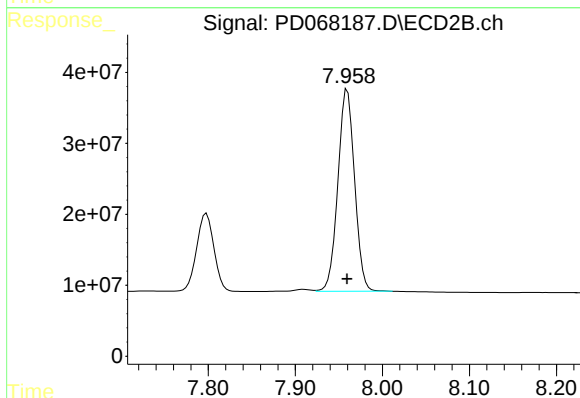
R.T.: 7.798 min  
Delta R.T.: 0.000 min  
Response: 151250582  
Conc: 55.89 ng/ml



#21 Endrin ketone

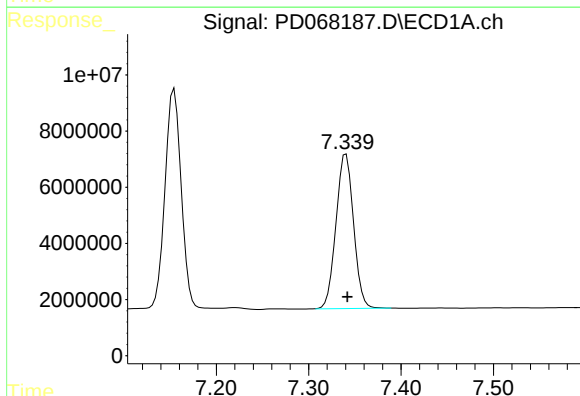
R.T.: 7.154 min  
Delta R.T.: -0.002 min  
Response: 94922646  
Conc: 53.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



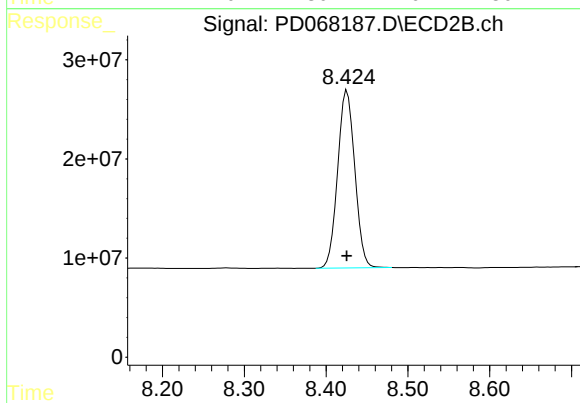
#21 Endrin ketone

R.T.: 7.960 min  
Delta R.T.: 0.000 min  
Response: 379863669  
Conc: 52.85 ng/ml



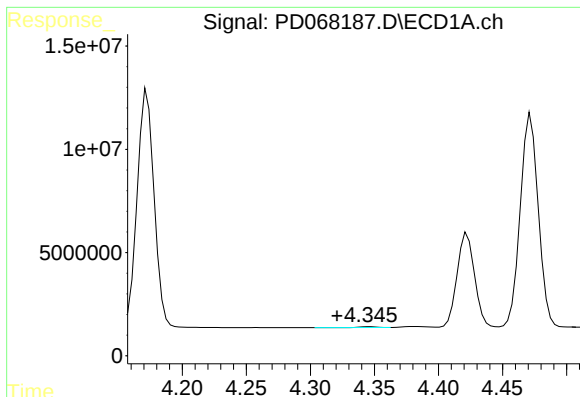
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: -0.001 min  
Response: 72701581  
Conc: 50.87 ng/ml



#22 Mirex

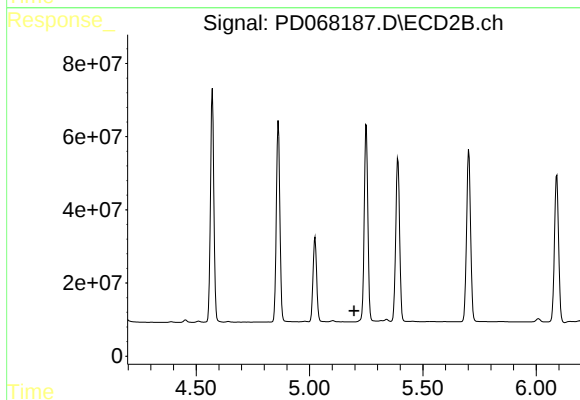
R.T.: 8.426 min  
Delta R.T.: 0.000 min  
Response: 260112642  
Conc: 51.89 ng/ml



#23 Chlordane-1

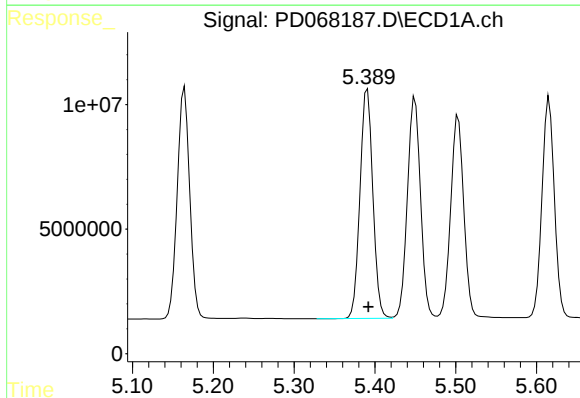
R.T.: 4.346 min  
Delta R.T.: 0.026 min  
Response: 430589  
Conc: 7.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



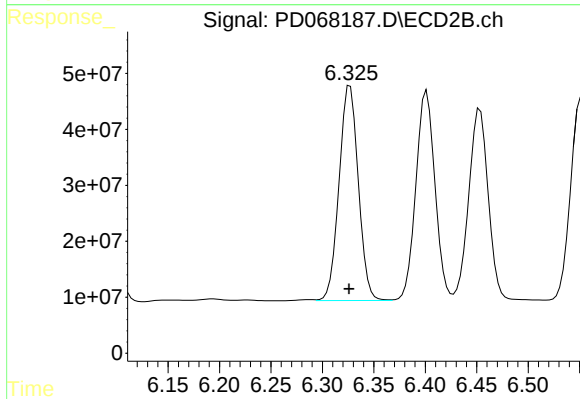
#23 Chlordane-1

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



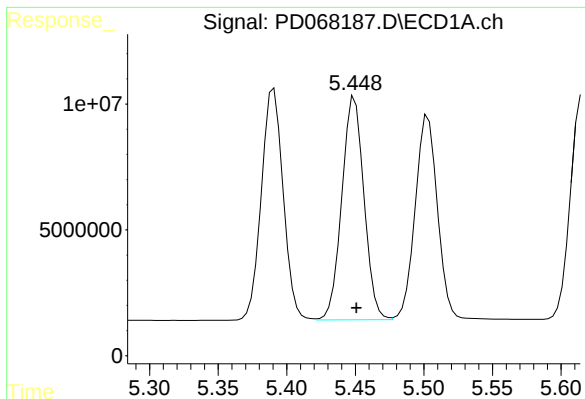
#25 Chlordane-3

R.T.: 5.391 min  
Delta R.T.: -0.001 min  
Response: 101814813  
Conc: 488.61 ng/ml



#25 Chlordane-3

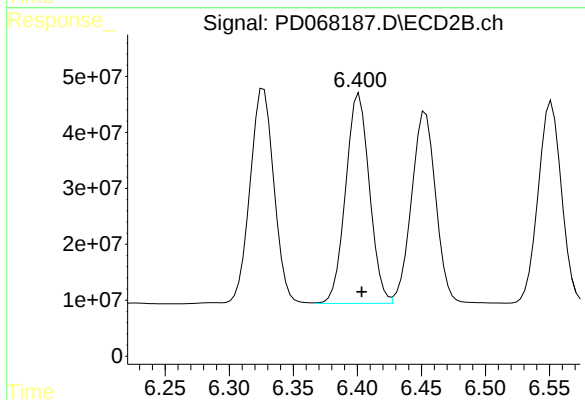
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 500485279  
Conc: 344.80 ng/ml



#26 Chlordane-4

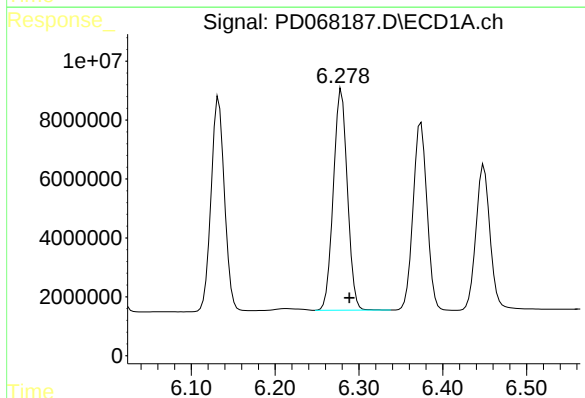
R.T.: 5.450 min  
Delta R.T.: -0.001 min  
Response: 99731246  
Conc: 567.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



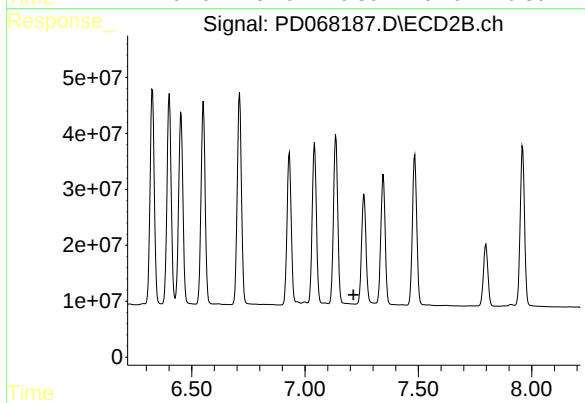
#26 Chlordane-4

R.T.: 6.401 min  
Delta R.T.: -0.002 min  
Response: 483846467  
Conc: 290.27 ng/ml



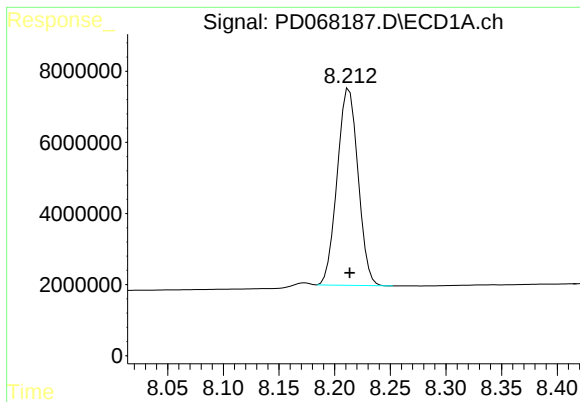
#27 Chlordane-5

R.T.: 6.279 min  
Delta R.T.: -0.010 min  
Response: 87141273  
Conc: 1319.90 ng/ml



#27 Chlordane-5

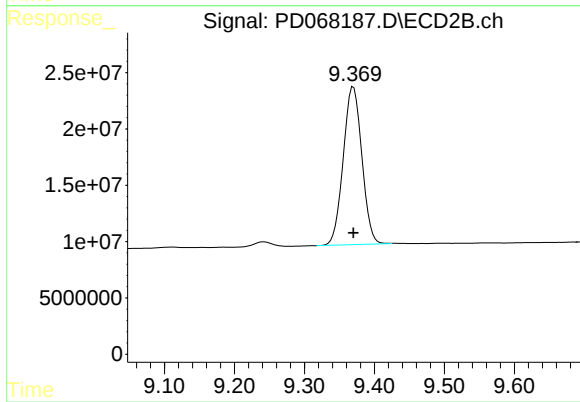
R.T.: 0.000 min  
Exp R.T. : 7.215 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.213 min  
Delta R.T.: 0.000 min  
Response: 72138059  
Conc: 50.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.370 min  
Delta R.T.: 0.000 min  
Response: 259142611  
Conc: 52.06 ng/ml