

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033121\  
 Data File : PD061927.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Mar 2021 13:29  
 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: Mar 31 14:27:02 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 2021  
 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... | 3.487 | 3.982  | 47638439 | 508.8E6 | 56.896   | 58.556     |
| 2)                          | SA Decachlor... | 8.259 | 9.041  | 61522092 | 429.6E6 | 50.001   | 45.504     |
| Target Compounds            |                 |       |        |          |         |          |            |
| 2)                          | A alpha-BHC     | 3.926 | 4.371  | 74333573 | 820.1E6 | 58.854   | 60.969     |
| 3)                          | MA gamma-BHC... | 4.211 | 4.655  | 70152538 | 739.5E6 | 59.087   | 59.285     |
| 4)                          | MA Heptachlor   | 4.515 | 5.163  | 71735572 | 740.3E6 | 61.620   | 56.809     |
| 5)                          | MB Aldrin       | 4.765 | 5.468  | 69255661 | 692.8E6 | 57.706   | 55.674     |
| 6)                          | B beta-BHC      | 4.461 | 4.824  | 31261538 | 304.0E6 | 57.327   | 58.854     |
| 7)                          | B delta-BHC     | 4.668 | 5.041  | 72187307 | 708.9E6 | 59.423   | 53.597     |
| 8)                          | B Heptachlo...  | 5.209 | 5.853  | 64801537 | 656.0E6 | 56.529   | 55.399     |
| 9)                          | A Endosulfan I  | 5.549 | 6.210  | 62713680 | 565.3E6 | 57.110   | 52.146     |
| 10)                         | B gamma-Chl...  | 5.436 | 6.088  | 66843414 | 623.4E6 | 57.065   | 52.586     |
| 11)                         | B alpha-Chl...  | 5.495 | 6.160  | 66275224 | 591.0E6 | 57.035   | 51.845     |
| 12)                         | B 4,4'-DDE      | 5.658 | 6.317  | 66392071 | 590.2E6 | 59.085   | 51.213     |
| 13)                         | MA Dieldrin     | 5.793 | 6.467  | 66934169 | 589.4E6 | 57.907   | 51.065     |
| 14)                         | MA Endrin       | 6.052 | 6.685  | 59410885 | 490.6E6 | 57.820   | 49.572     |
| 15)                         | B Endosulfa...  | 6.325 | 6.893  | 54762556 | 445.7E6 | 53.433   | 46.945     |
| 16)                         | A 4,4'-DDD      | 6.175 | 6.806  | 54113262 | 424.9E6 | 58.147   | 44.877     |
| 17)                         | MA 4,4'-DDT     | 6.418 | 7.105  | 53113458 | 462.4E6 | 58.967   | 48.413     |
| 18)                         | B Endrin al...  | 6.494 | 7.017  | 44790625 | 365.1E6 | 52.426   | 46.422     |
| 19)                         | B Endosulfa...  | 6.707 | 7.240  | 55785444 | 455.3E6 | 51.699   | 45.427     |
| 20)                         | A Methoxychlor  | 6.964 | 7.563  | 29714239 | 218.0E6 | 62.887   | 48.351     |
| 21)                         | B Endrin ke...  | 7.201 | 7.711  | 65098517 | 426.5E6 | 51.008   | 42.047     |
| 22)                         | Mirex           | 7.392 | 8.166  | 46773567 | 274.8E6 | 56.540   | 42.636     |
| 24)                         | Chlordane-2     | 0.000 | 5.468f | 0        | 692.8E6 | N.D.     | 1805.547 # |
| 25)                         | Chlordane-3     | 5.436 | 6.088  | 66843414 | 623.4E6 | 576.181  | 376.061 #  |
| 26)                         | Chlordane-4     | 5.495 | 6.160  | 66275224 | 591.0E6 | 688.878  | 307.995 #  |
| 27)                         | Chlordane-5     | 6.325 | 0.000  | 54762556 | 0       | 1243.648 | N.D. #     |
| -----                       |                 |       |        |          |         |          |            |

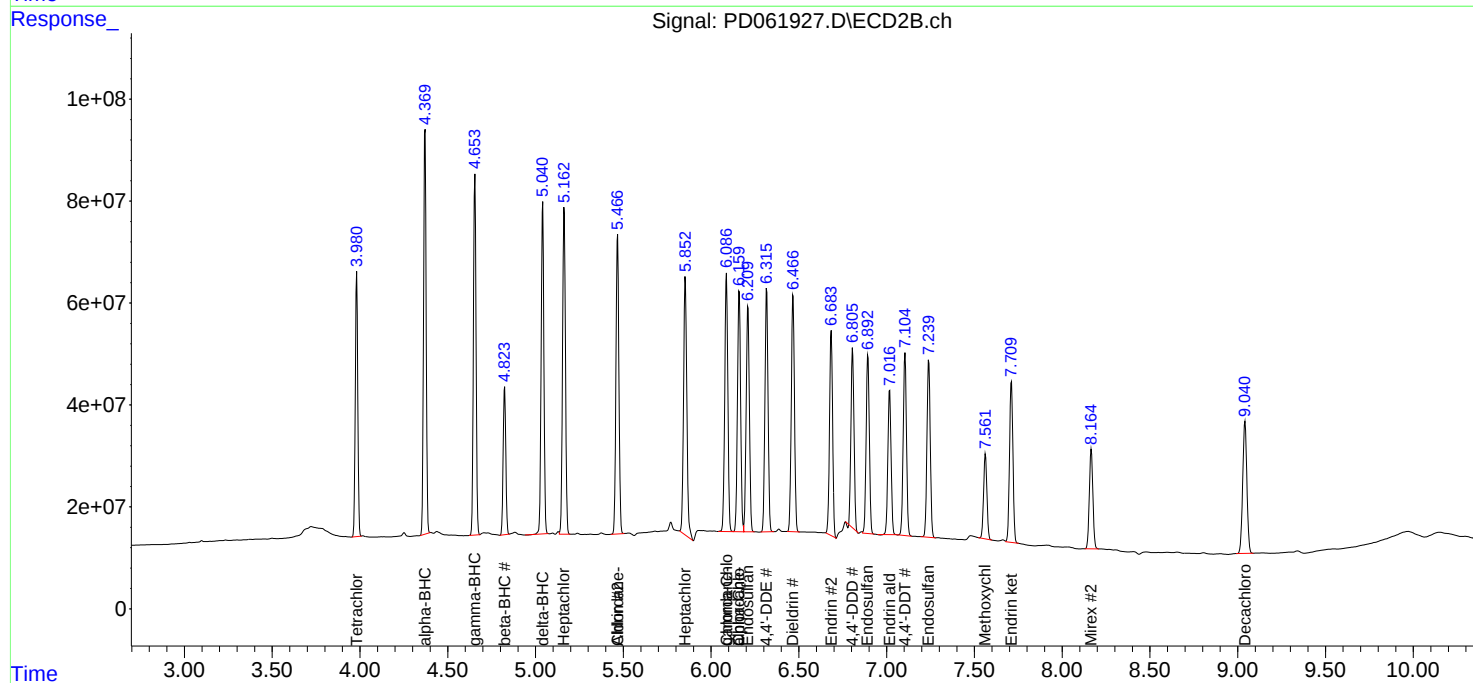
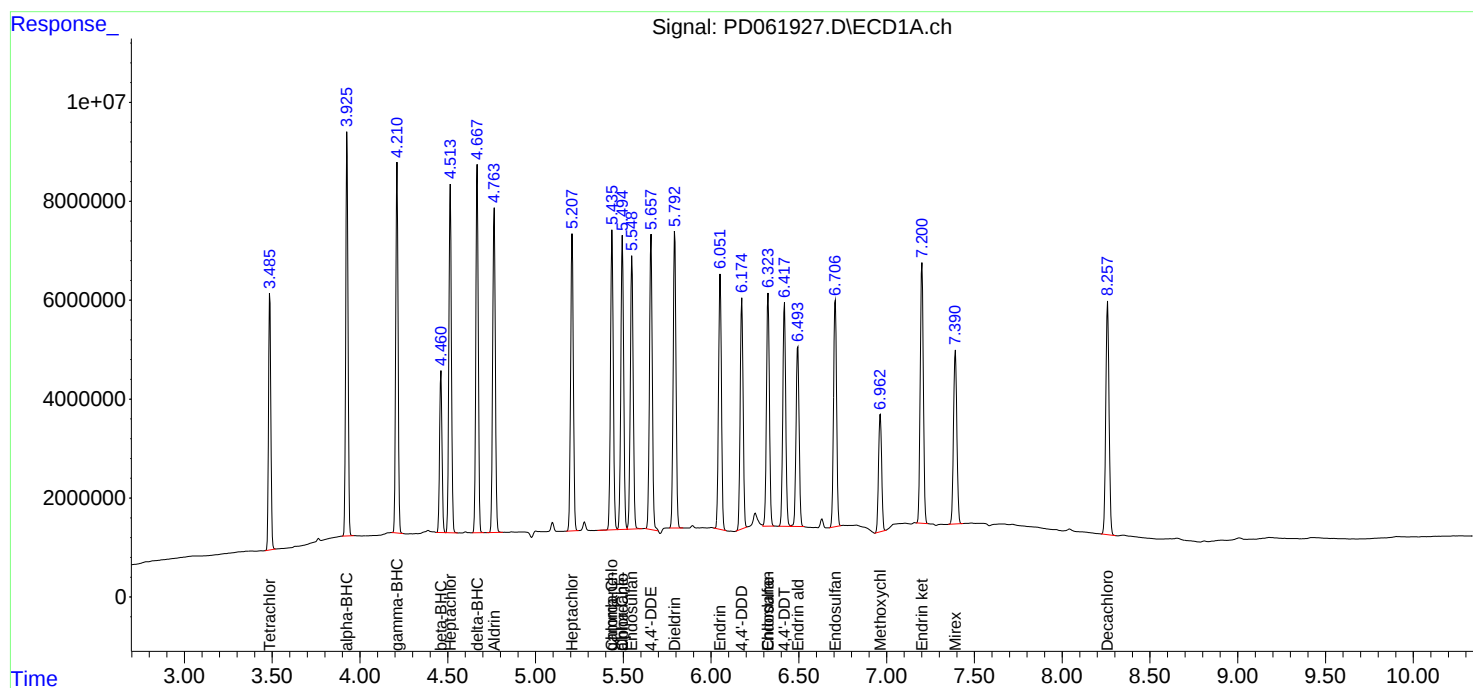
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

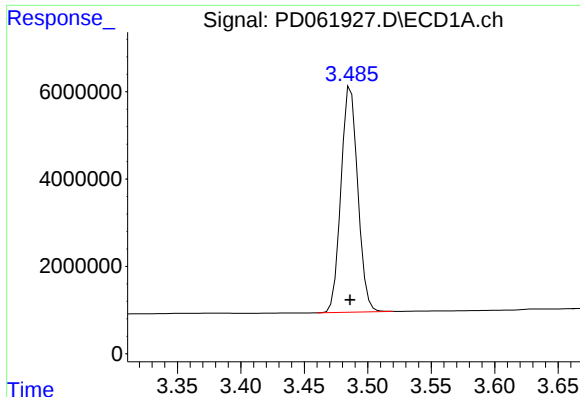
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD033121\  
Data File : PD061927.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Mar 2021 13:29  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 31 14:27:02 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 2021  
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

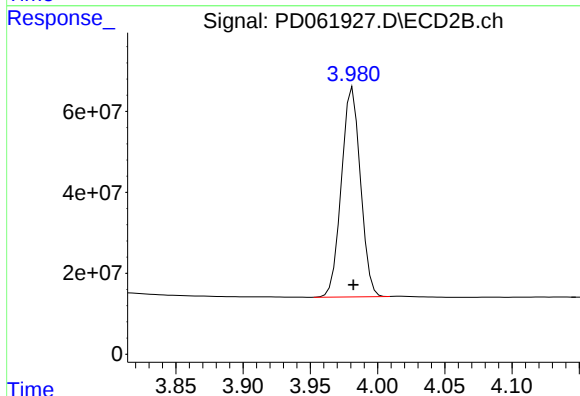




#1 Tetrachloro-m-xylene

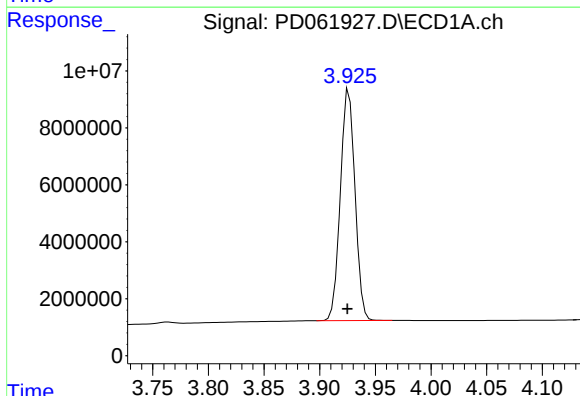
R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 47638439  
Conc: 56.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



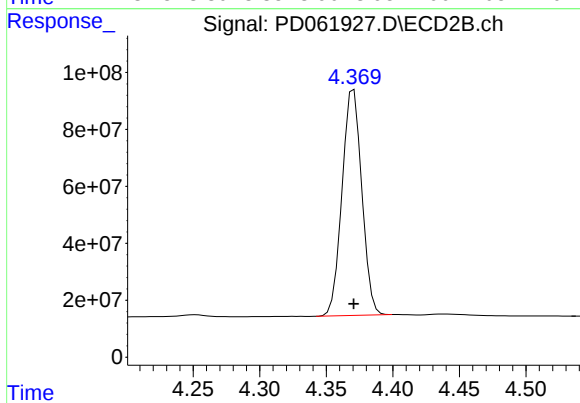
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 508783739  
Conc: 58.56 ng/ml



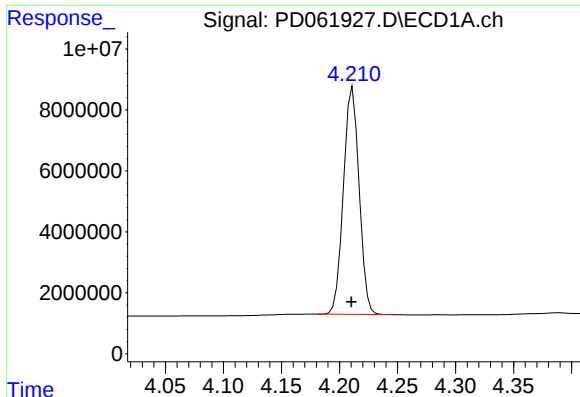
#2 alpha-BHC

R.T.: 3.926 min  
Delta R.T.: 0.001 min  
Response: 74333573  
Conc: 58.85 ng/ml



#2 alpha-BHC

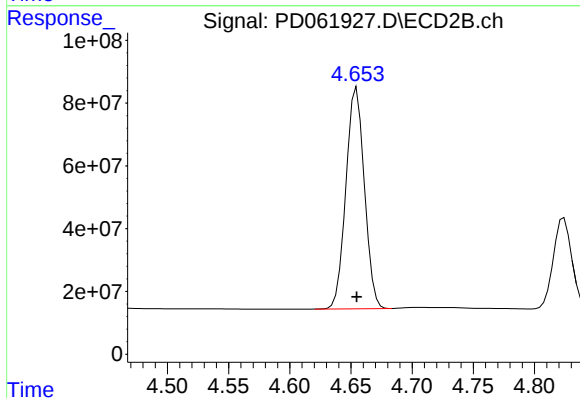
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 820077235  
Conc: 60.97 ng/ml



#3 gamma-BHC (Lindane)

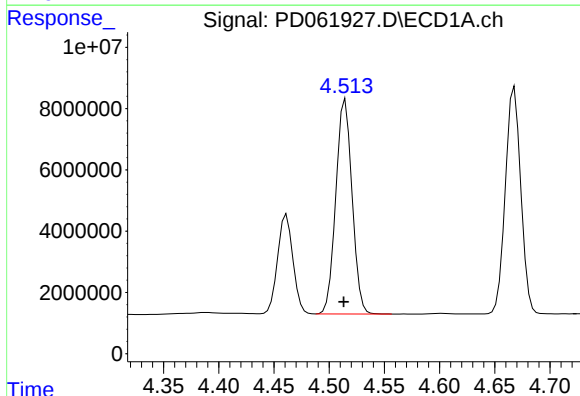
R.T.: 4.211 min  
Delta R.T.: 0.001 min  
Response: 70152538  
Conc: 59.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



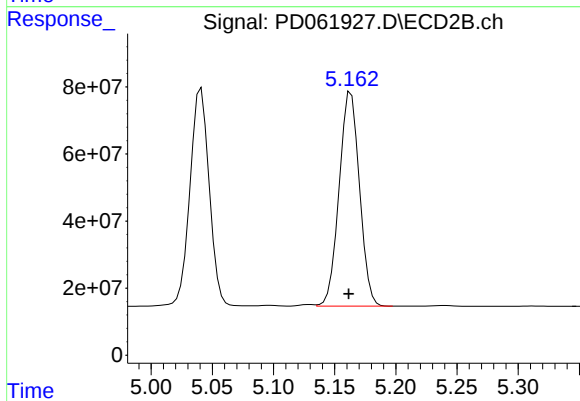
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 739509763  
Conc: 59.28 ng/ml



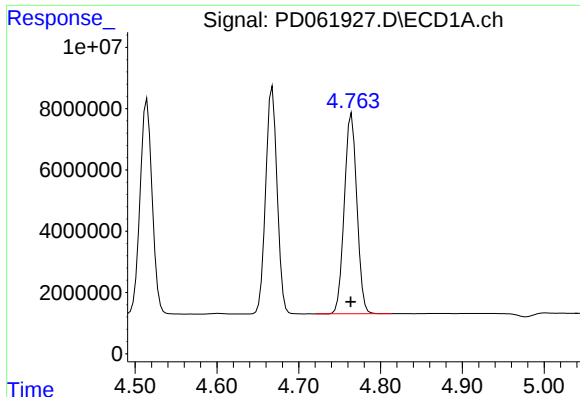
#4 Heptachlor

R.T.: 4.515 min  
Delta R.T.: 0.001 min  
Response: 71735572  
Conc: 61.62 ng/ml



#4 Heptachlor

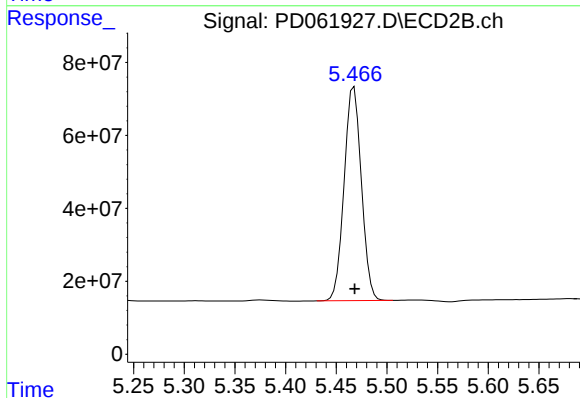
R.T.: 5.163 min  
Delta R.T.: 0.002 min  
Response: 740305070  
Conc: 56.81 ng/ml



#5 Aldrin

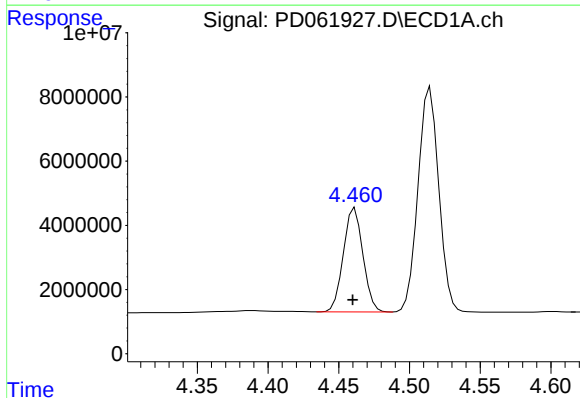
R.T.: 4.765 min  
Delta R.T.: 0.001 min  
Response: 69255661  
Conc: 57.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



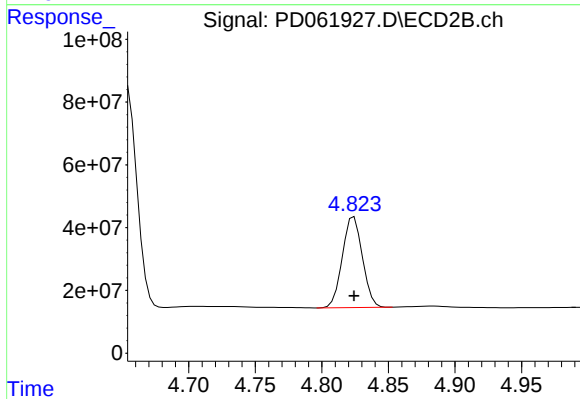
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: 0.000 min  
Response: 692813650  
Conc: 55.67 ng/ml



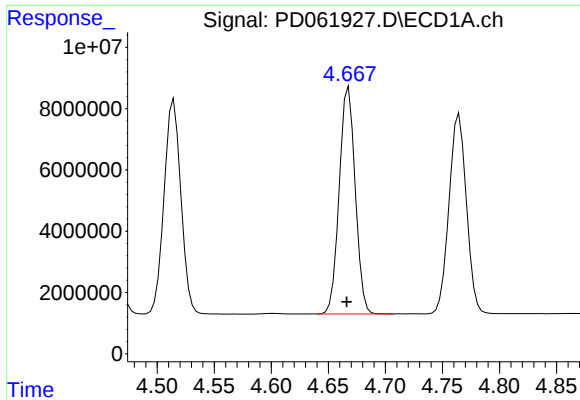
#6 beta-BHC

R.T.: 4.461 min  
Delta R.T.: 0.002 min  
Response: 31261538  
Conc: 57.33 ng/ml



#6 beta-BHC

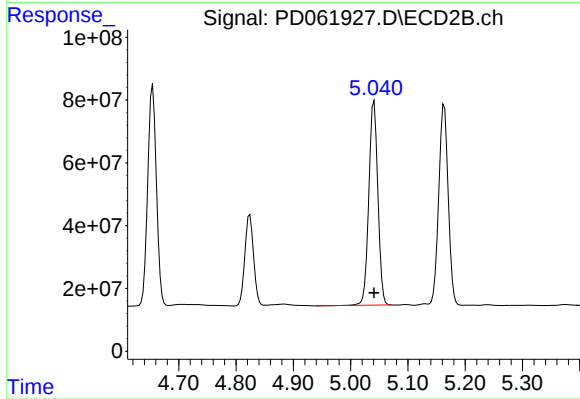
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 303988995  
Conc: 58.85 ng/ml



#7 delta-BHC

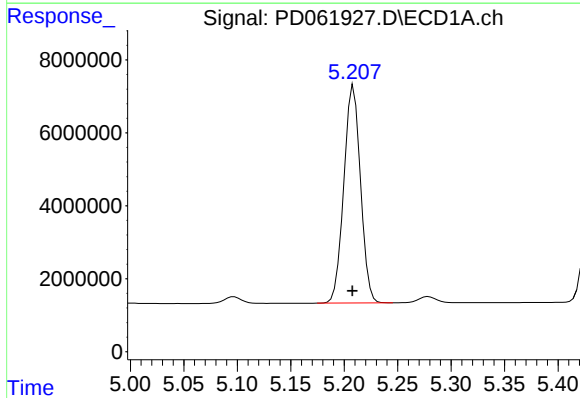
R.T.: 4.668 min  
Delta R.T.: 0.002 min  
Response: 72187307  
Conc: 59.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



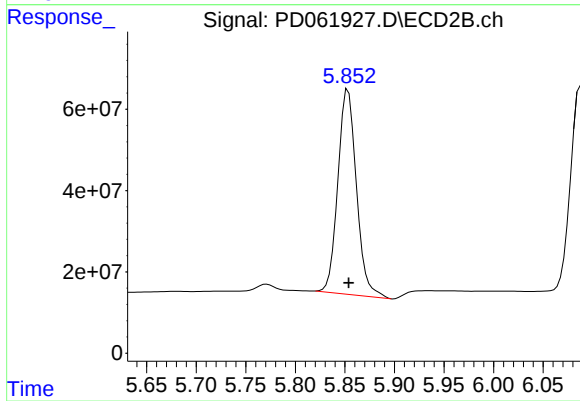
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 708925898  
Conc: 53.60 ng/ml



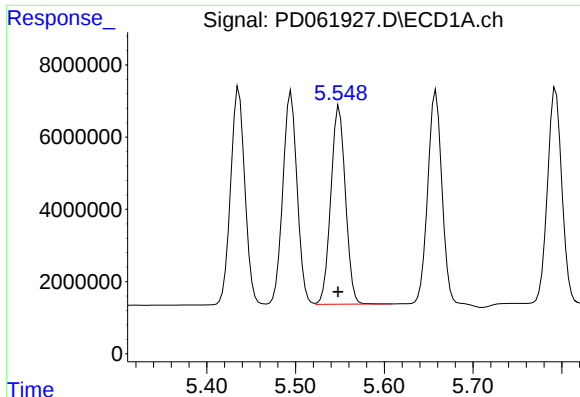
#8 Heptachlor epoxide

R.T.: 5.209 min  
Delta R.T.: 0.001 min  
Response: 64801537  
Conc: 56.53 ng/ml



#8 Heptachlor epoxide

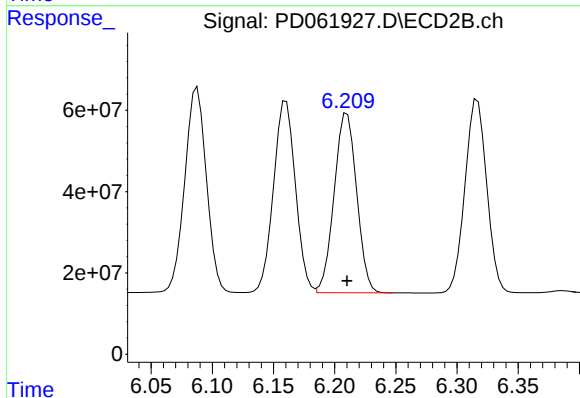
R.T.: 5.853 min  
Delta R.T.: 0.000 min  
Response: 655971665  
Conc: 55.40 ng/ml



#9 Endosulfan I

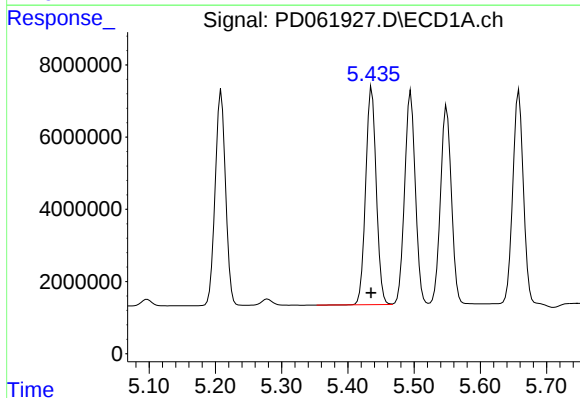
R.T.: 5.549 min  
Delta R.T.: 0.001 min  
Response: 62713680  
Conc: 57.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



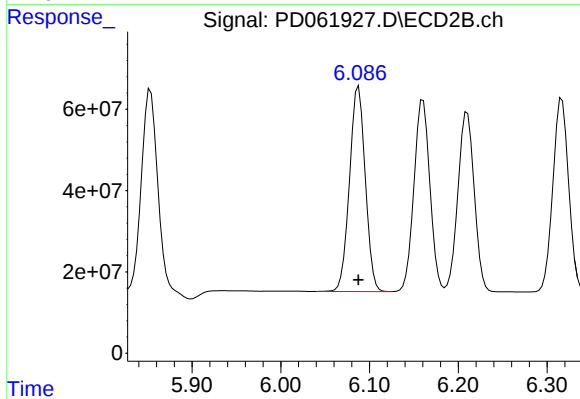
#9 Endosulfan I

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 565270463  
Conc: 52.15 ng/ml



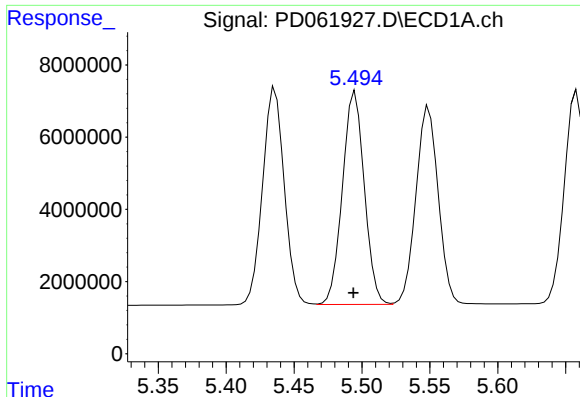
#10 gamma-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.001 min  
Response: 66843414  
Conc: 57.07 ng/ml



#10 gamma-Chlordane

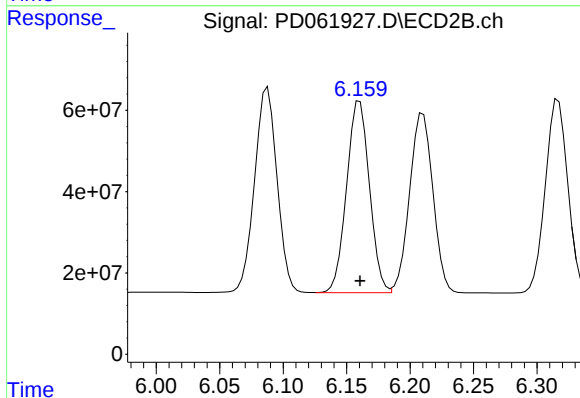
R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 623410253  
Conc: 52.59 ng/ml



#11 alpha-Chlordane

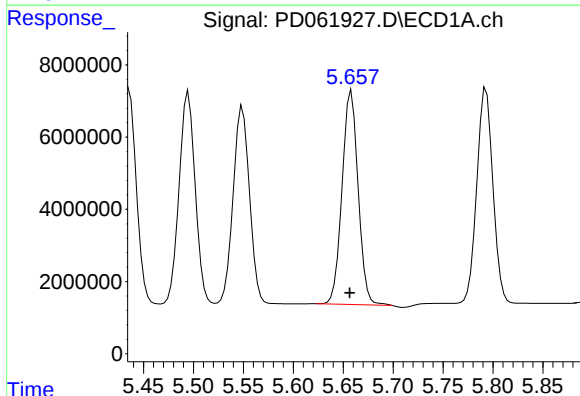
R.T.: 5.495 min  
Delta R.T.: 0.001 min  
Response: 66275224  
Conc: 57.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



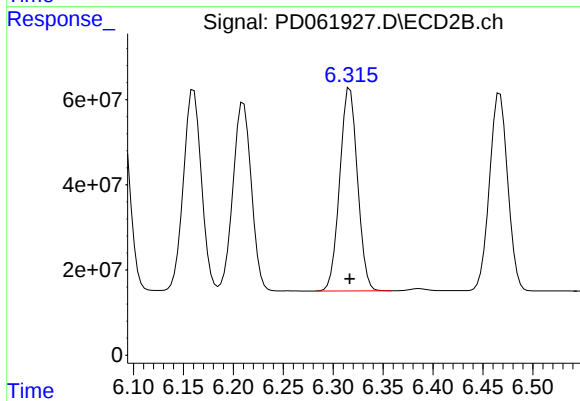
#11 alpha-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 591027219  
Conc: 51.84 ng/ml



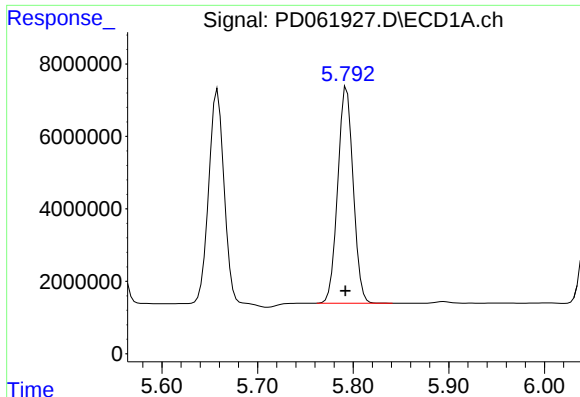
#12 4,4'-DDE

R.T.: 5.658 min  
Delta R.T.: 0.001 min  
Response: 66392071  
Conc: 59.08 ng/ml



#12 4,4'-DDE

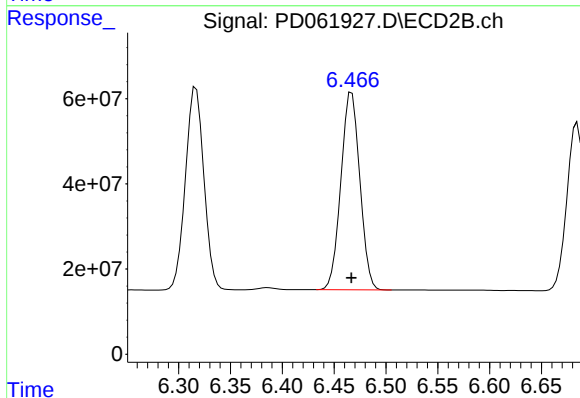
R.T.: 6.317 min  
Delta R.T.: 0.000 min  
Response: 590182416  
Conc: 51.21 ng/ml



#13 Dieldrin

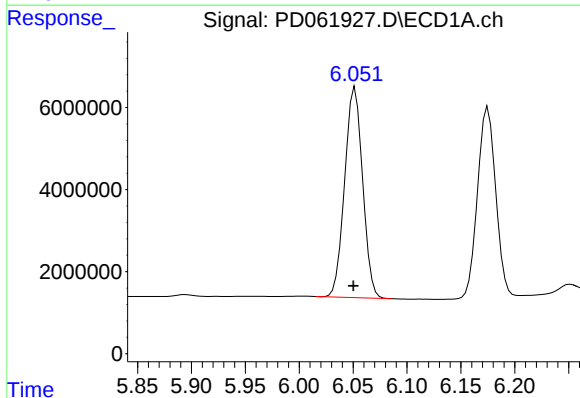
R.T.: 5.793 min  
Delta R.T.: 0.001 min  
Response: 66934169  
Conc: 57.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



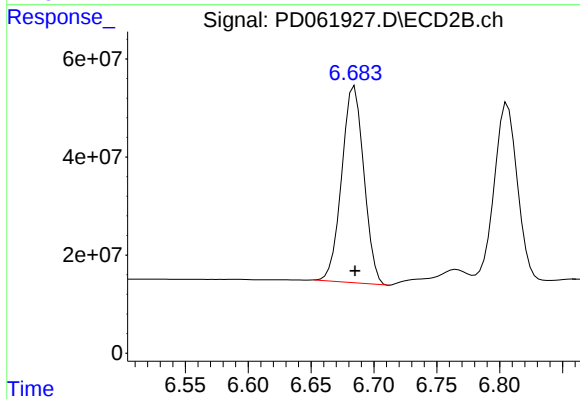
#13 Dieldrin

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 589421597  
Conc: 51.06 ng/ml



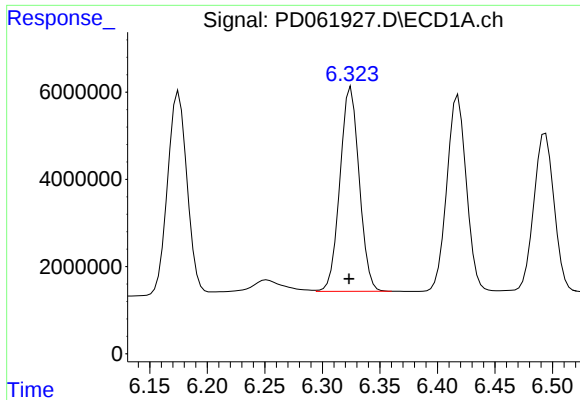
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: 0.002 min  
Response: 59410885  
Conc: 57.82 ng/ml



#14 Endrin

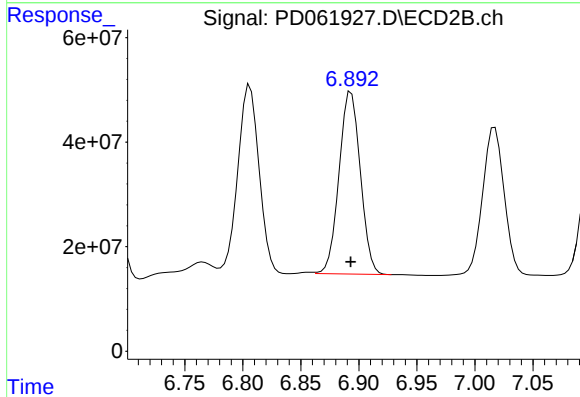
R.T.: 6.685 min  
Delta R.T.: 0.000 min  
Response: 490581469  
Conc: 49.57 ng/ml



#15 Endosulfan II

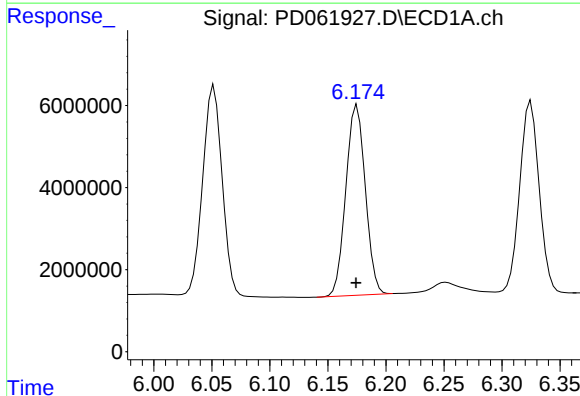
R.T.: 6.325 min  
Delta R.T.: 0.001 min  
Response: 54762556  
Conc: 53.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



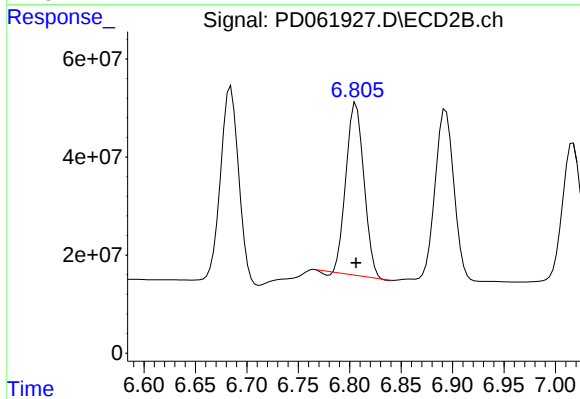
#15 Endosulfan II

R.T.: 6.893 min  
Delta R.T.: 0.000 min  
Response: 445726421  
Conc: 46.95 ng/ml



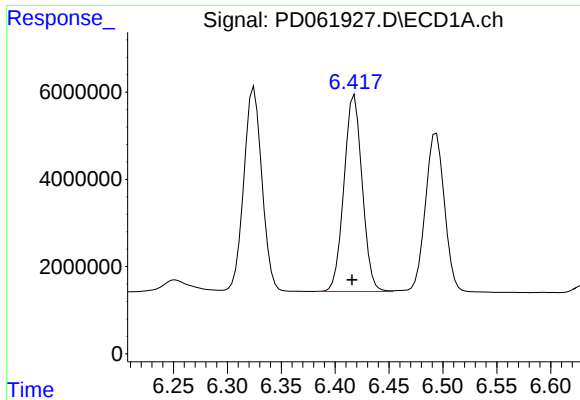
#16 4,4'-DDD

R.T.: 6.175 min  
Delta R.T.: 0.001 min  
Response: 54113262  
Conc: 58.15 ng/ml



#16 4,4'-DDD

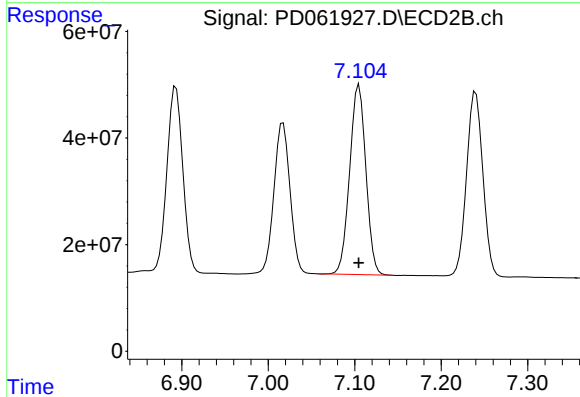
R.T.: 6.806 min  
Delta R.T.: 0.000 min  
Response: 424932149  
Conc: 44.88 ng/ml



#17 4,4'-DDT

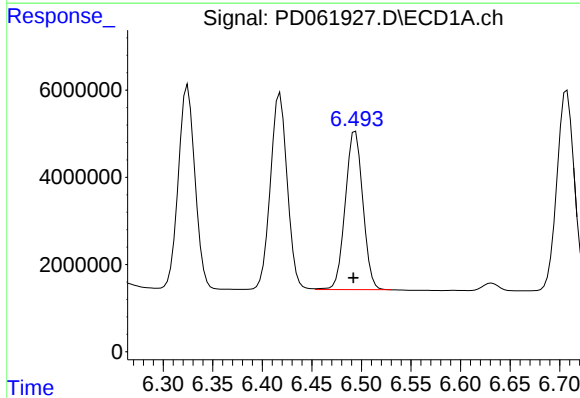
R.T.: 6.418 min  
Delta R.T.: 0.002 min  
Response: 53113458  
Conc: 58.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



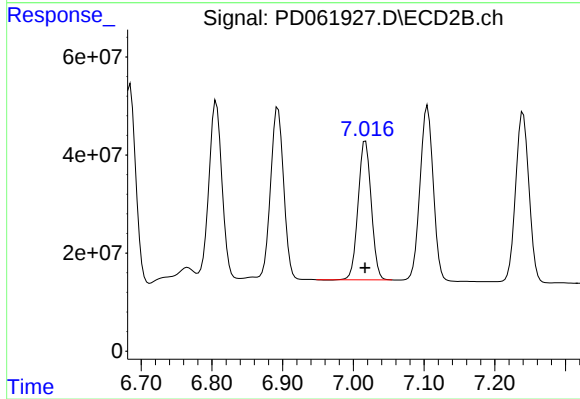
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: 0.000 min  
Response: 462426039  
Conc: 48.41 ng/ml



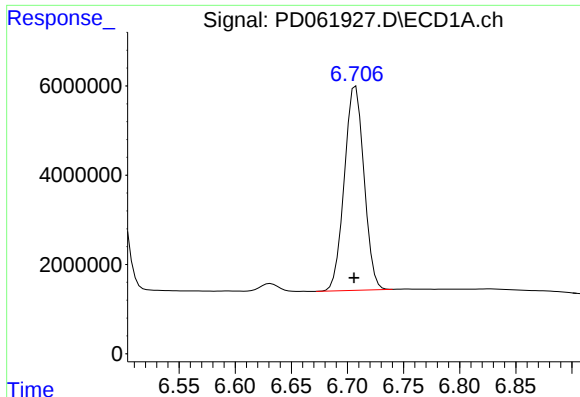
#18 Endrin aldehyde

R.T.: 6.494 min  
Delta R.T.: 0.002 min  
Response: 44790625  
Conc: 52.43 ng/ml



#18 Endrin aldehyde

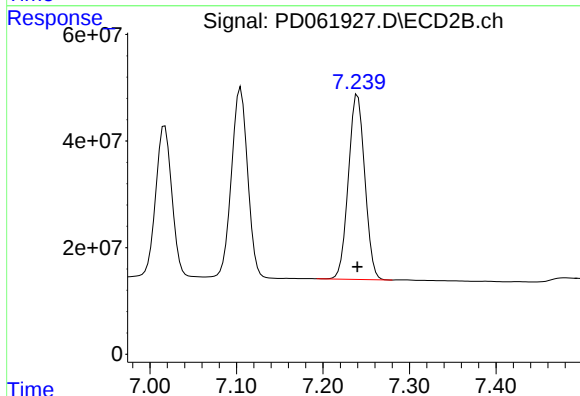
R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 365077189  
Conc: 46.42 ng/ml



#19 Endosulfan Sulfate

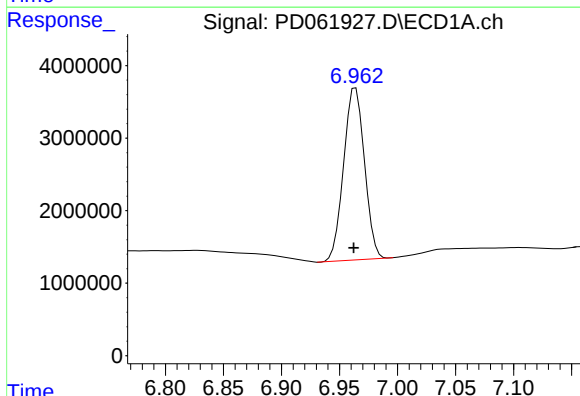
R.T.: 6.707 min  
Delta R.T.: 0.001 min  
Response: 55785444  
Conc: 51.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



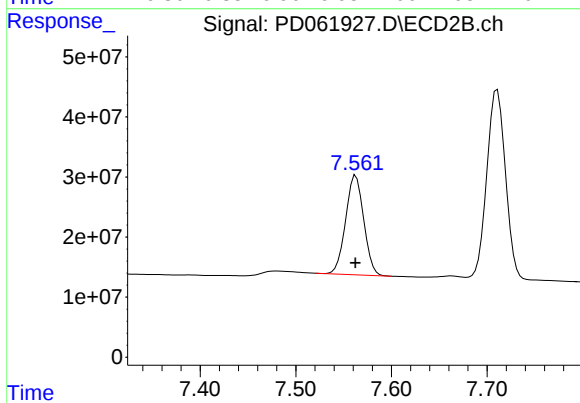
#19 Endosulfan Sulfate

R.T.: 7.240 min  
Delta R.T.: 0.000 min  
Response: 455283397  
Conc: 45.43 ng/ml



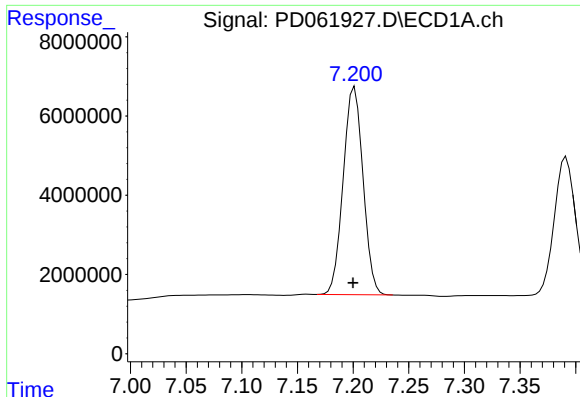
#20 Methoxychlor

R.T.: 6.964 min  
Delta R.T.: 0.002 min  
Response: 29714239  
Conc: 62.89 ng/ml



#20 Methoxychlor

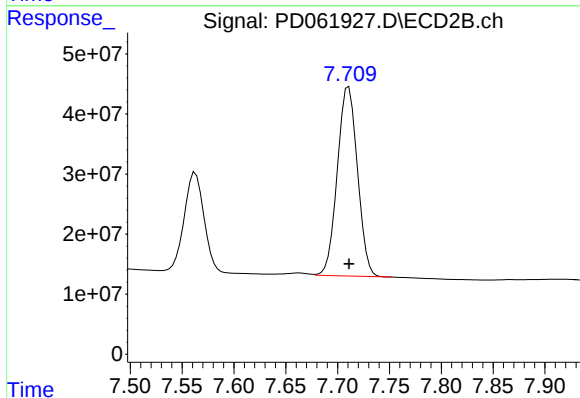
R.T.: 7.563 min  
Delta R.T.: 0.000 min  
Response: 217963767  
Conc: 48.35 ng/ml



#21 Endrin ketone

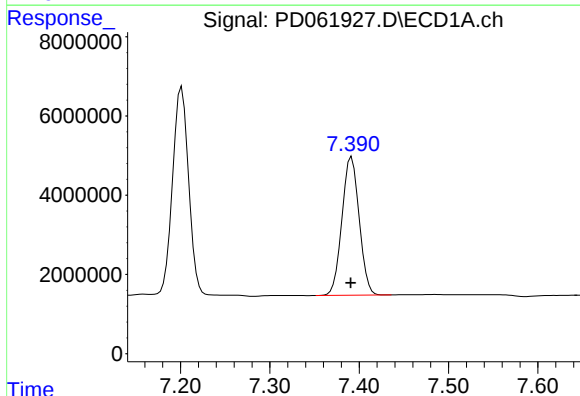
R.T.: 7.201 min  
Delta R.T.: 0.001 min  
Response: 65098517  
Conc: 51.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



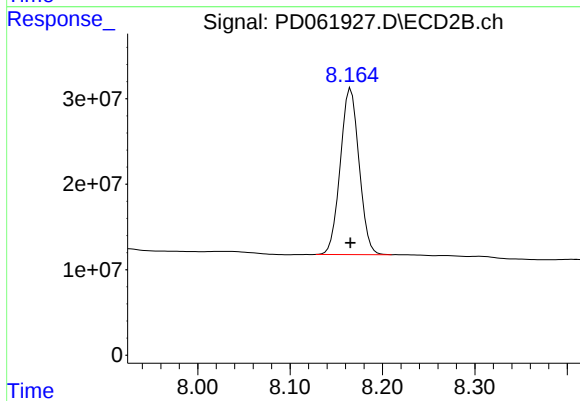
#21 Endrin ketone

R.T.: 7.711 min  
Delta R.T.: 0.000 min  
Response: 426466694  
Conc: 42.05 ng/ml



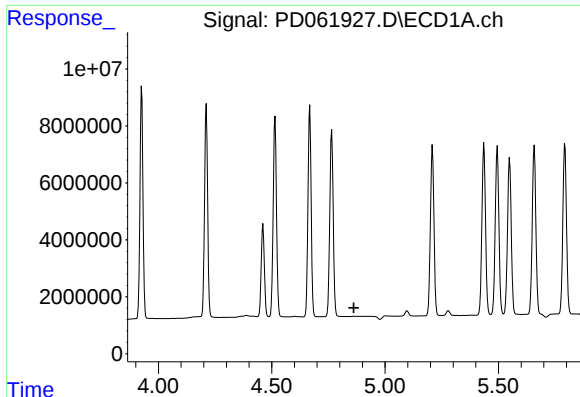
#22 Mirex

R.T.: 7.392 min  
Delta R.T.: 0.001 min  
Response: 46773567  
Conc: 56.54 ng/ml



#22 Mirex

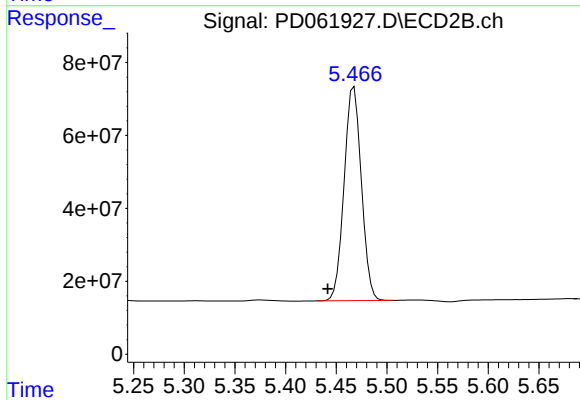
R.T.: 8.166 min  
Delta R.T.: 0.000 min  
Response: 274768306  
Conc: 42.64 ng/ml



#24 Chlordane-2

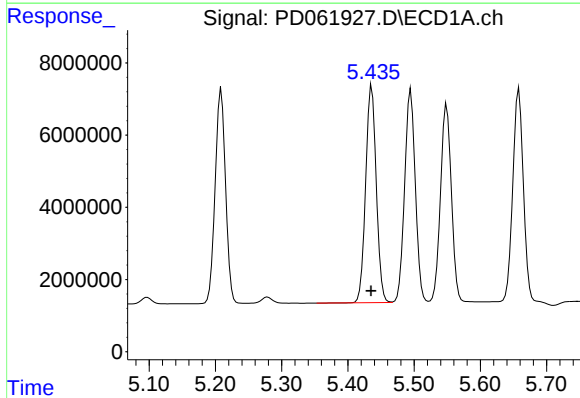
R.T.: 0.000 min  
Exp R.T.: 4.862 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



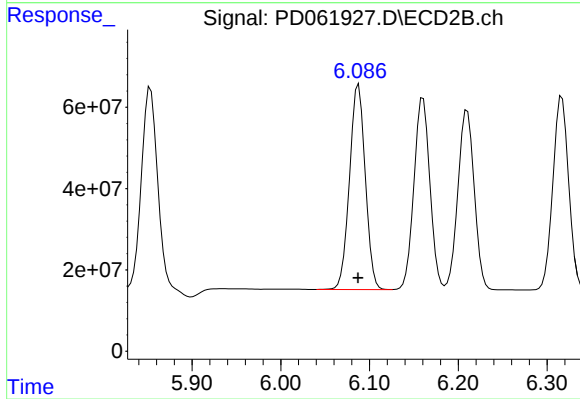
#24 Chlordane-2

R.T.: 5.468 min  
Delta R.T.: 0.026 min  
Response: 692813650  
Conc: 1805.55 ng/ml



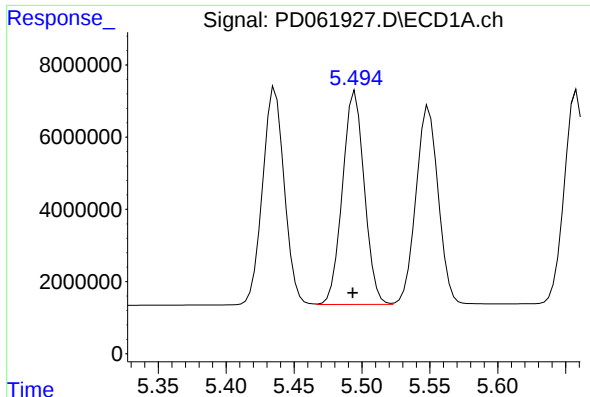
#25 Chlordane-3

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 66843414  
Conc: 576.18 ng/ml



#25 Chlordane-3

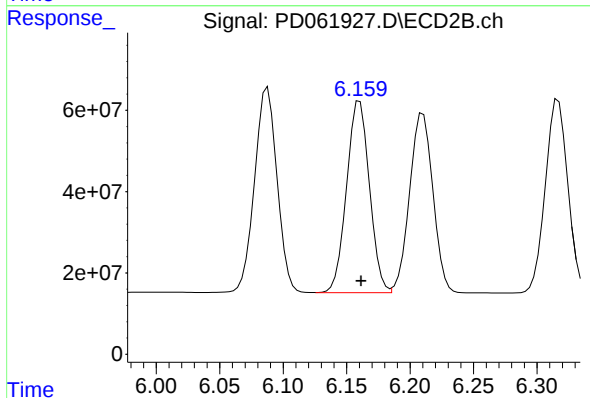
R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 623410253  
Conc: 376.06 ng/ml



#26 Chlordane-4

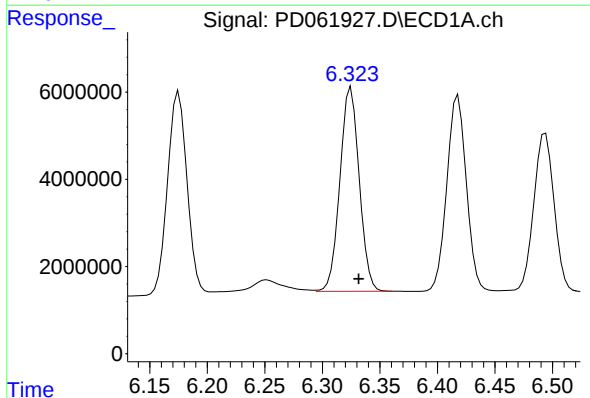
R.T.: 5.495 min  
Delta R.T.: 0.002 min  
Response: 66275224  
Conc: 688.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



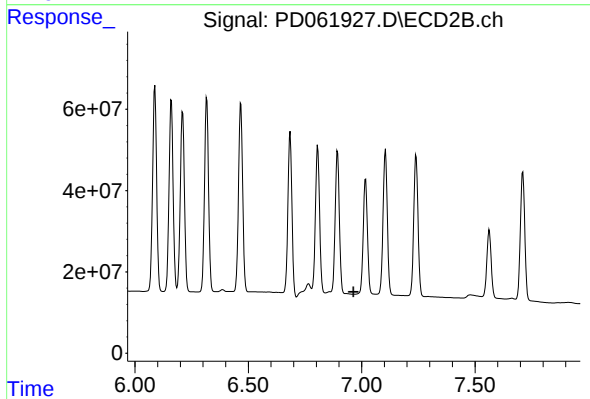
#26 Chlordane-4

R.T.: 6.160 min  
Delta R.T.: -0.001 min  
Response: 591027219  
Conc: 308.00 ng/ml



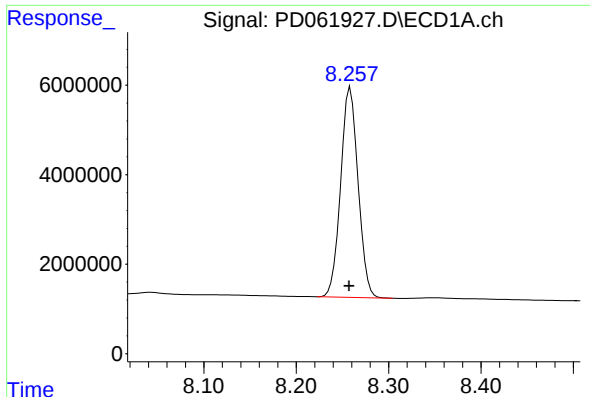
#27 Chlordane-5

R.T.: 6.325 min  
Delta R.T.: -0.007 min  
Response: 54762556  
Conc: 1243.65 ng/ml



#27 Chlordane-5

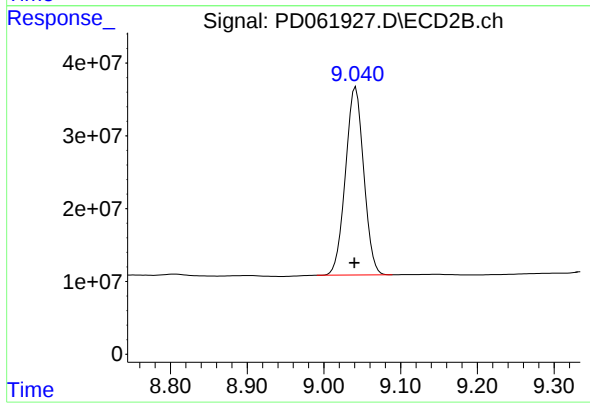
R.T.: 0.000 min  
Exp R.T.: 6.964 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.259 min  
Delta R.T.: 0.001 min  
Response: 61522092  
Conc: 50.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.041 min  
Delta R.T.: 0.002 min  
Response: 429578582  
Conc: 45.50 ng/ml