

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091719\  
 Data File : PL052533.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Sep 2019 23:44  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 18 01:04:02 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 17 11:25:25 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1  | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|---------|----------|----------|------------|
| -----                       |                 |       |        |         |          |          |            |
| System Monitoring Compounds |                 |       |        |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.551 | 4.046  | 396.7E6 | 117.0E6  | 50.877   | 53.693     |
| 28)                         | SA Decachlor... | 8.353 | 9.119  | 401.2E6 | 132.5E6  | 45.874   | 55.349     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.996 | 4.437  | 636.4E6 | 169.7E6  | 52.932   | 55.531     |
| 3)                          | MA gamma-BHC... | 4.283 | 4.722  | 590.9E6 | 159.1E6  | 52.225   | 55.115     |
| 4)                          | MA Heptachlor   | 4.593 | 5.232  | 596.1E6 | 165.5E6  | 52.760   | 56.388     |
| 5)                          | MB Aldrin       | 4.846 | 5.537  | 565.5E6 | 149.1E6  | 52.367   | 56.295     |
| 6)                          | B beta-BHC      | 4.533 | 4.890  | 245.4E6 | 72187561 | 50.144   | 54.128     |
| 7)                          | B delta-BHC     | 4.742 | 5.108  | 593.2E6 | 159.0E6  | 52.492   | 55.553     |
| 8)                          | B Heptachlo...  | 5.293 | 5.923  | 528.3E6 | 144.9E6  | 51.705   | 55.250     |
| 9)                          | A Endosulfan I  | 5.636 | 6.280  | 494.9E6 | 128.9E6  | 50.731   | 55.314     |
| 10)                         | B gamma-Chl...  | 5.522 | 6.156  | 545.7E6 | 140.0E6  | 51.384   | 55.051     |
| 11)                         | B alpha-Chl...  | 5.581 | 6.229  | 529.4E6 | 138.7E6  | 51.212   | 55.528     |
| 12)                         | B 4,4'-DDE      | 5.745 | 6.385  | 486.8E6 | 134.1E6  | 52.173   | 55.010     |
| 13)                         | MA Dieldrin     | 5.881 | 6.536  | 534.5E6 | 136.2E6  | 51.560   | 55.763     |
| 14)                         | MA Endrin       | 6.140 | 6.754  | 436.0E6 | 104.2E6  | 52.739   | 53.858     |
| 15)                         | B Endosulfa...  | 6.412 | 6.962  | 468.8E6 | 120.4E6  | 48.332   | 53.919     |
| 16)                         | A 4,4'-DDD      | 6.263 | 6.874  | 394.0E6 | 103.0E6  | 51.440   | 55.947     |
| 17)                         | MA 4,4'-DDT     | 6.507 | 7.172  | 403.4E6 | 101.4E6  | 51.972   | 55.443     |
| 18)                         | B Endrin al...  | 6.582 | 7.086  | 381.3E6 | 100.8E6  | 49.321   | 54.359     |
| 19)                         | B Endosulfa...  | 6.795 | 7.308  | 417.4E6 | 110.8E6  | 50.324   | 53.960     |
| 20)                         | A Methoxychlor  | 7.054 | 7.629  | 203.0E6 | 56652406 | 50.200   | 55.908     |
| 21)                         | B Endrin ke...  | 7.289 | 7.779  | 488.6E6 | 119.2E6  | 47.061   | 53.655     |
| 22)                         | Mirex           | 7.487 | 8.234  | 350.7E6 | 93356204 | 45.856   | 54.548     |
| 24)                         | Chlordane-2     | 0.000 | 5.537f | 0       | 149.1E6  | N.D.     | 1818.197 # |
| 25)                         | Chlordane-3     | 5.522 | 6.156  | 545.7E6 | 140.0E6  | 564.059  | 457.722    |
| 26)                         | Chlordane-4     | 5.581 | 6.229  | 529.4E6 | 138.7E6  | 672.715  | 360.657 #  |
| 27)                         | Chlordane-5     | 6.412 | 0.000  | 468.8E6 | 0        | 1522.411 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

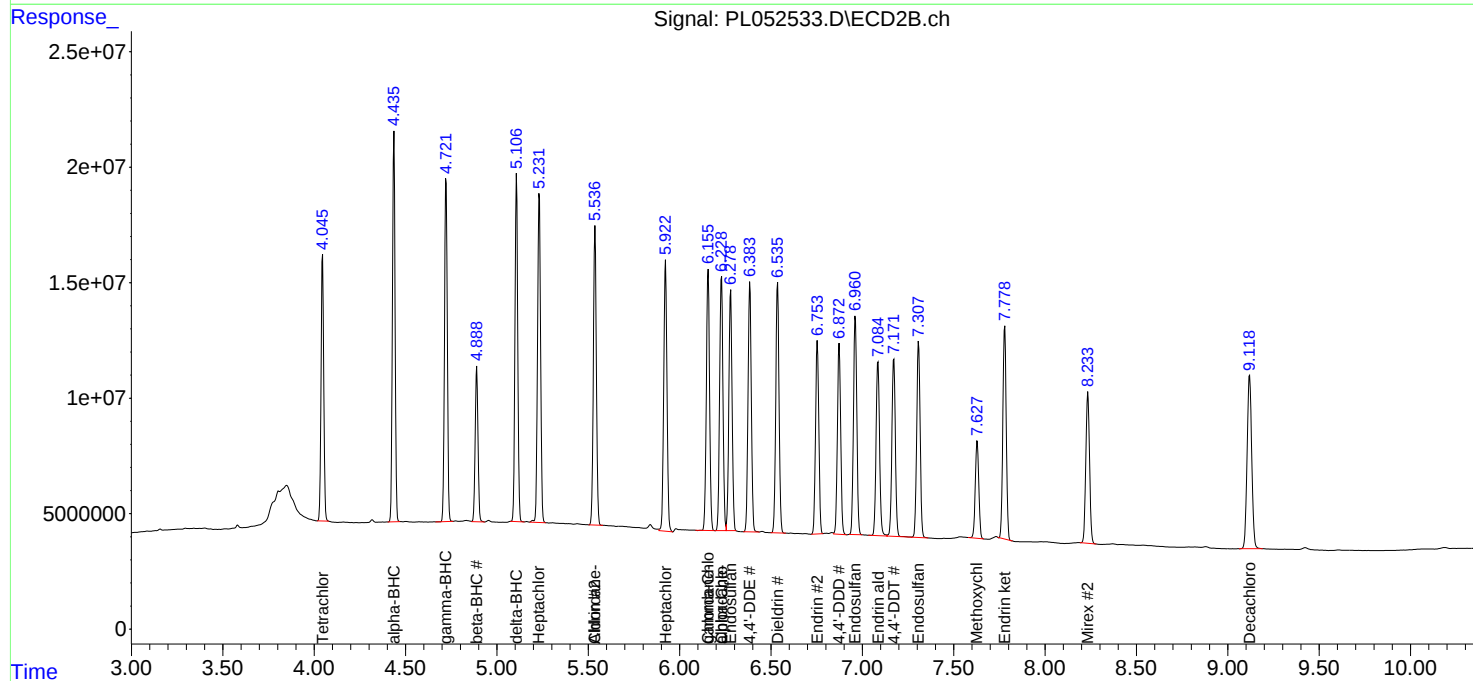
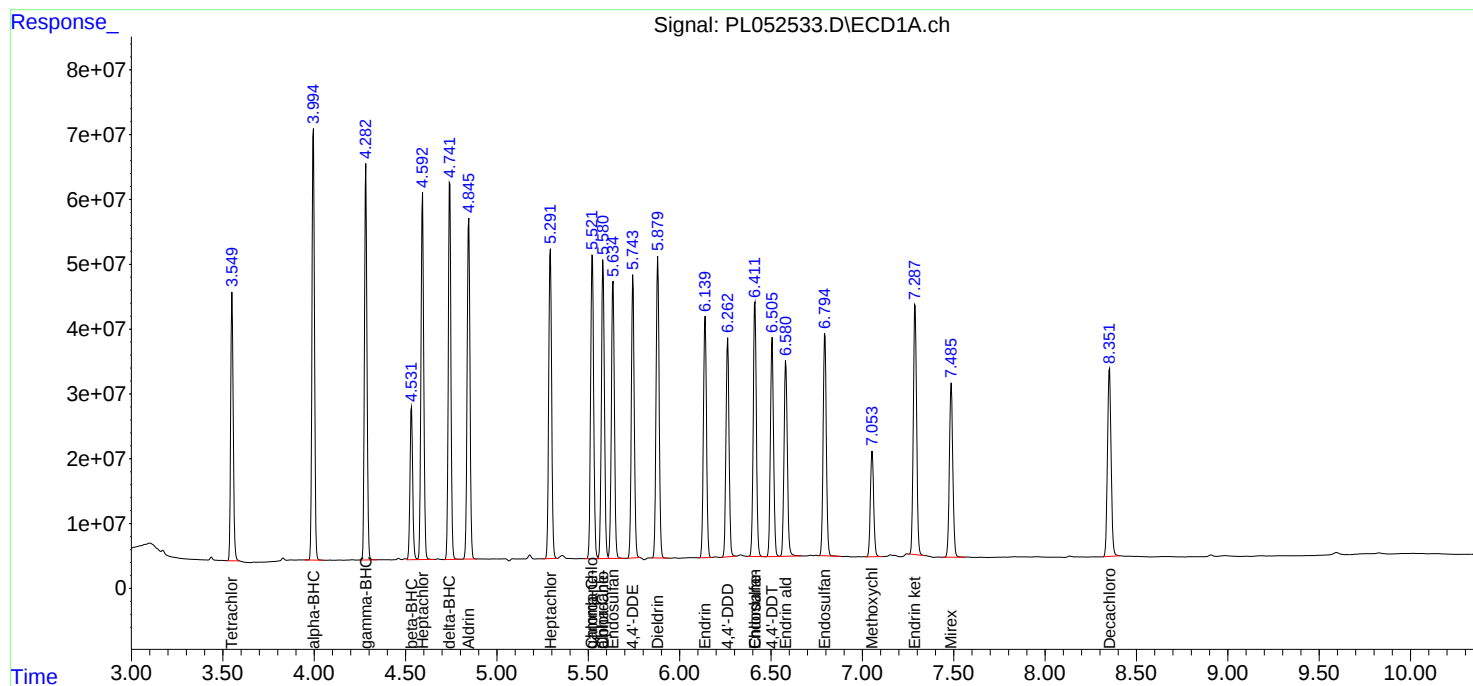
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

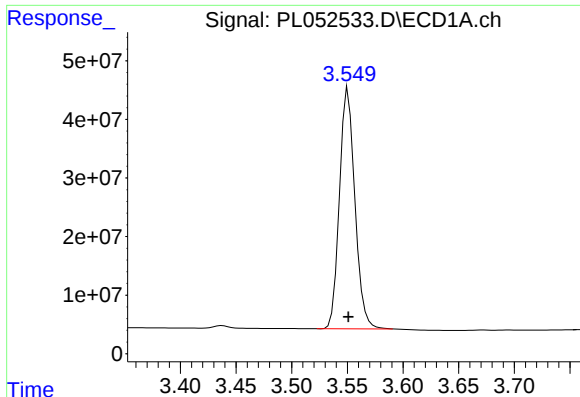
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091719\  
Data File : PL052533.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Sep 2019 23:44  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 18 01:04:02 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 17 11:25:25 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

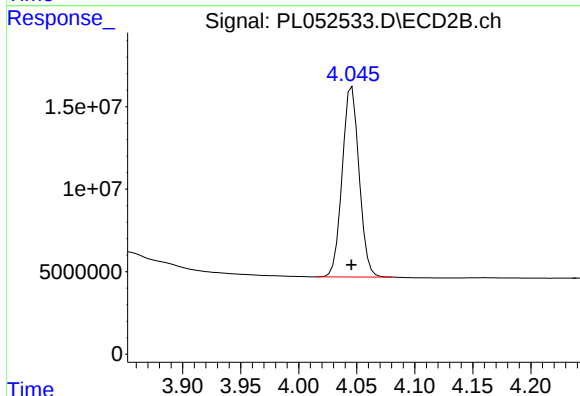




#1 Tetrachloro-m-xylene

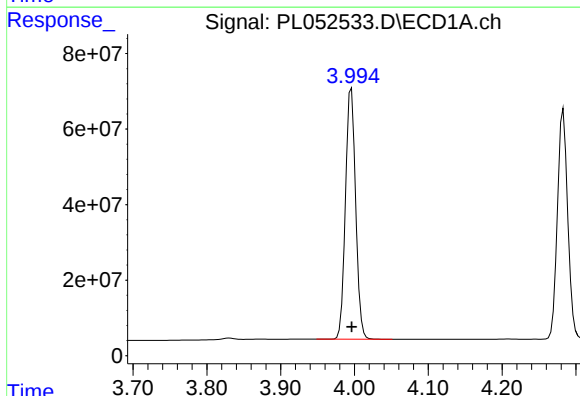
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 396725424  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



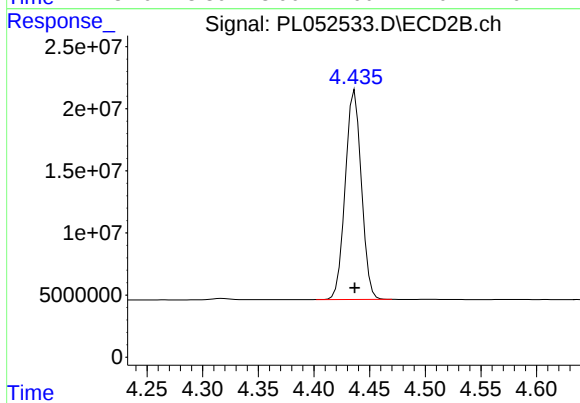
#1 Tetrachloro-m-xylene

R.T.: 4.046 min  
Delta R.T.: 0.000 min  
Response: 116993291  
Conc: 53.69 ng/ml



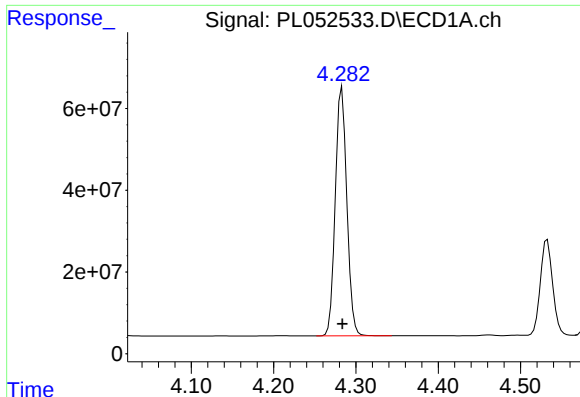
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.000 min  
Response: 636379163  
Conc: 52.93 ng/ml



#2 alpha-BHC

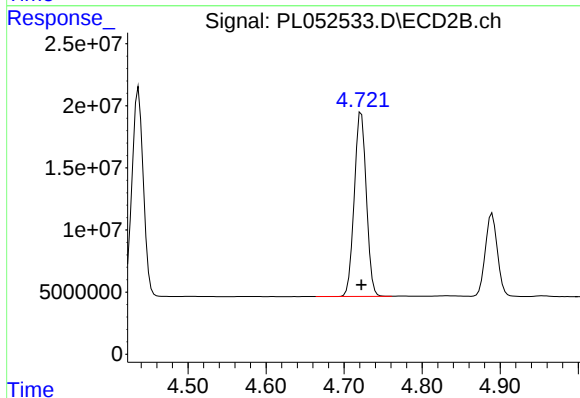
R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 169736887  
Conc: 55.53 ng/ml



#3 gamma-BHC (Lindane)

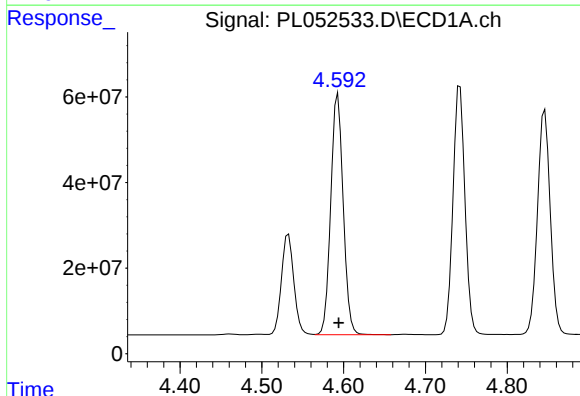
R.T.: 4.283 min  
Delta R.T.: 0.000 min  
Response: 590892479  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



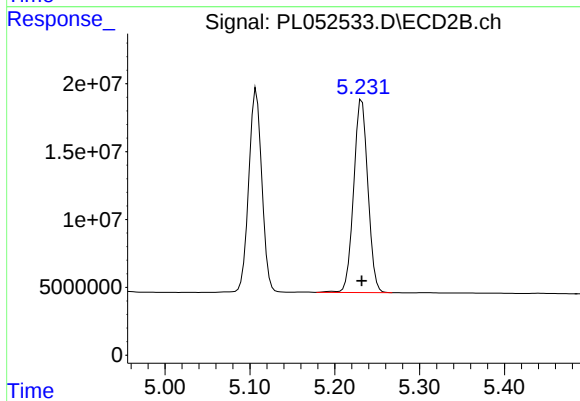
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 159145140  
Conc: 55.12 ng/ml



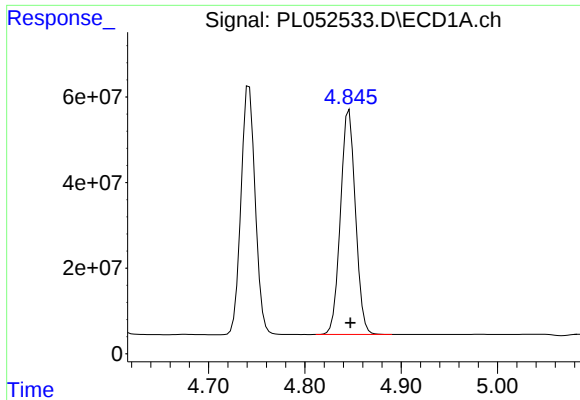
#4 Heptachlor

R.T.: 4.593 min  
Delta R.T.: 0.000 min  
Response: 596140495  
Conc: 52.76 ng/ml



#4 Heptachlor

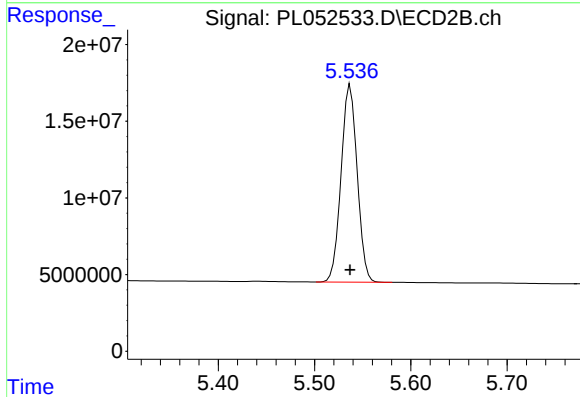
R.T.: 5.232 min  
Delta R.T.: 0.000 min  
Response: 165488411  
Conc: 56.39 ng/ml



#5 Aldrin

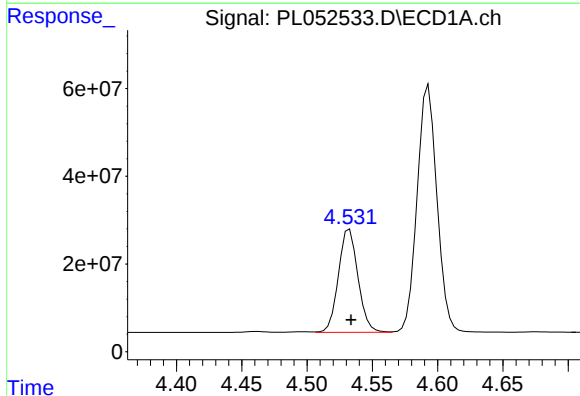
R.T.: 4.846 min  
Delta R.T.: -0.001 min  
Response: 565492455  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



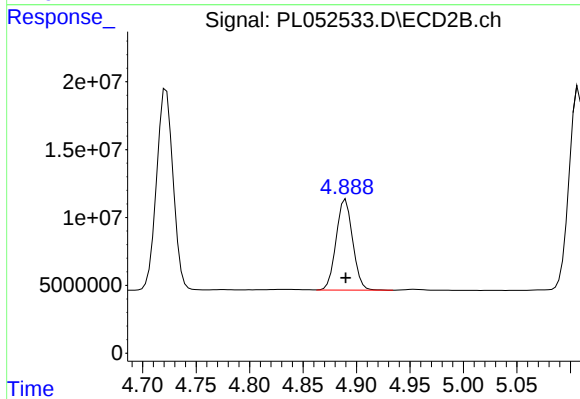
#5 Aldrin

R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 149111341  
Conc: 56.29 ng/ml



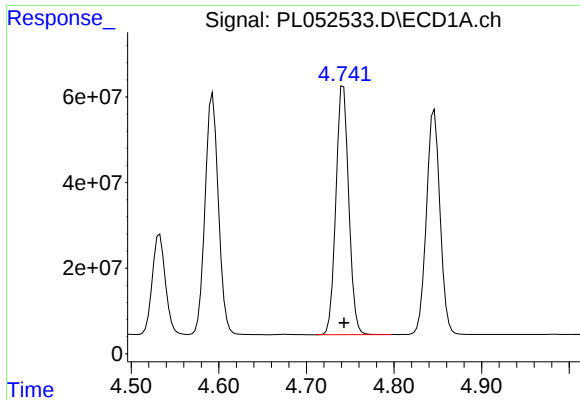
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: -0.001 min  
Response: 245397581  
Conc: 50.14 ng/ml



#6 beta-BHC

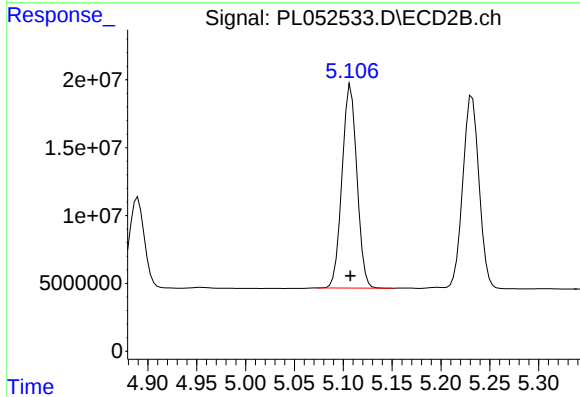
R.T.: 4.890 min  
Delta R.T.: 0.000 min  
Response: 72187561  
Conc: 54.13 ng/ml



#7 delta-BHC

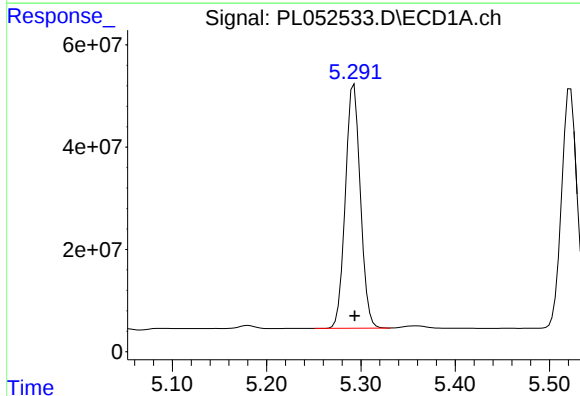
R.T.: 4.742 min  
Delta R.T.: 0.000 min  
Response: 593183721  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



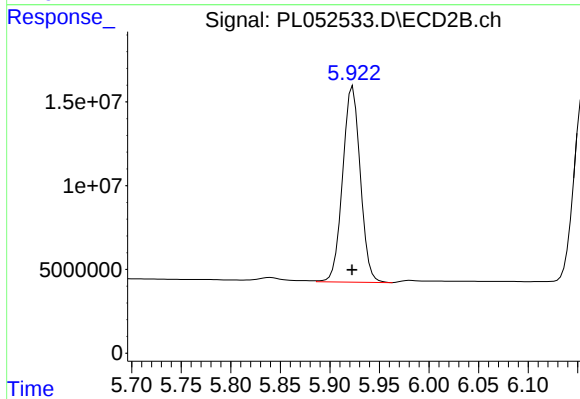
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 159038402  
Conc: 55.55 ng/ml



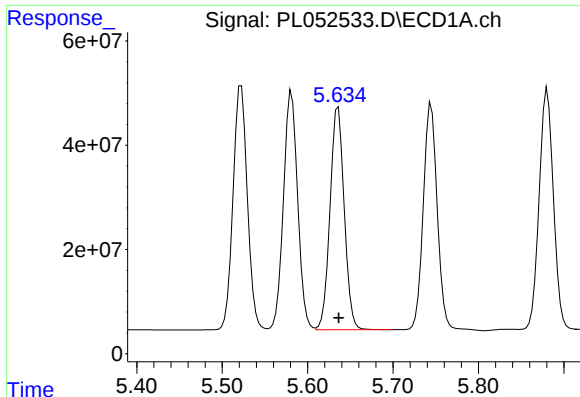
#8 Heptachlor epoxide

R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 528279621  
Conc: 51.70 ng/ml



#8 Heptachlor epoxide

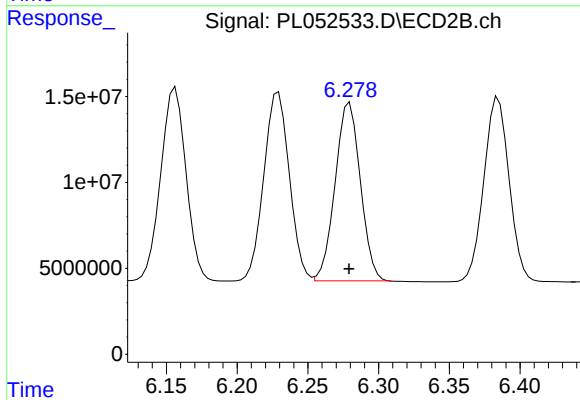
R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 144892339  
Conc: 55.25 ng/ml



#9 Endosulfan I

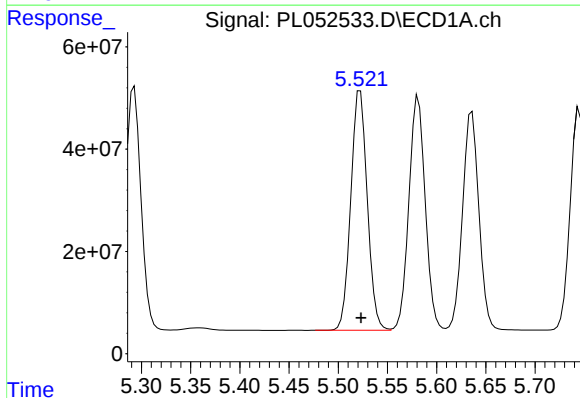
R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 494913912  
Conc: 50.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



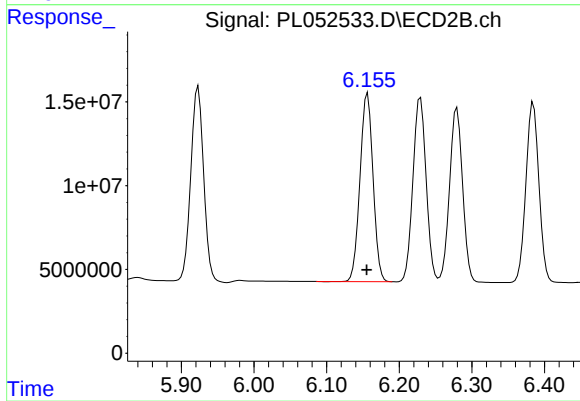
#9 Endosulfan I

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 128949137  
Conc: 55.31 ng/ml



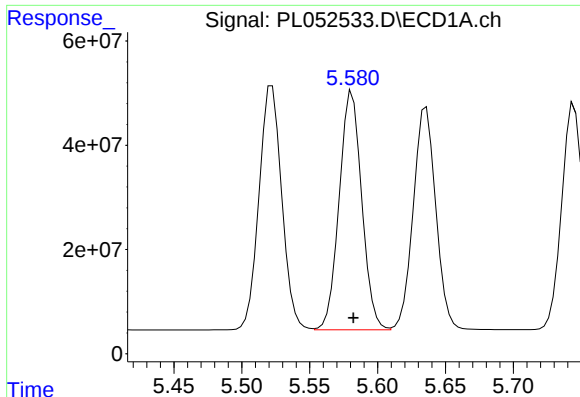
#10 gamma-Chlordane

R.T.: 5.522 min  
Delta R.T.: 0.000 min  
Response: 545704031  
Conc: 51.38 ng/ml



#10 gamma-Chlordane

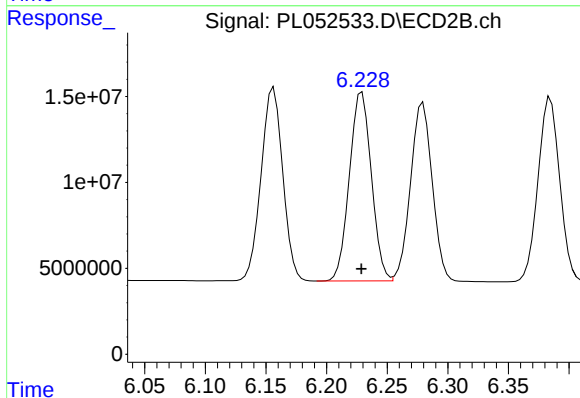
R.T.: 6.156 min  
Delta R.T.: 0.001 min  
Response: 140048728  
Conc: 55.05 ng/ml



#11 alpha-Chlordane

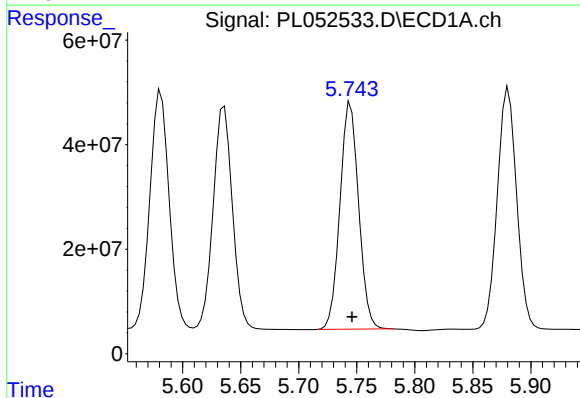
R.T.: 5.581 min  
Delta R.T.: -0.001 min  
Response: 529389495  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



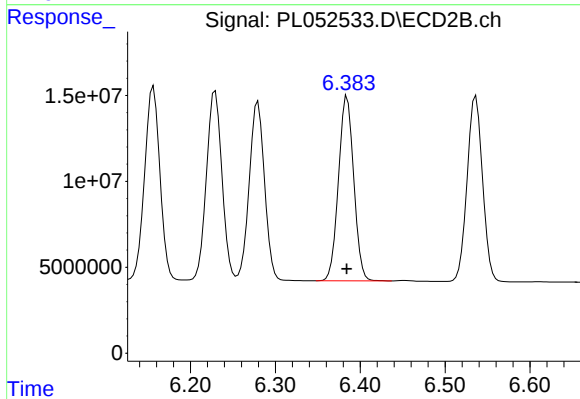
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 138712924  
Conc: 55.53 ng/ml



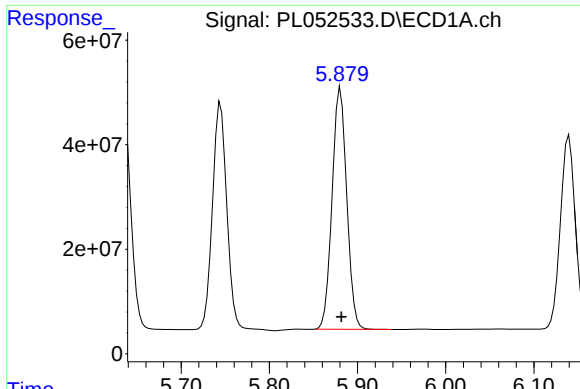
#12 4,4'-DDE

R.T.: 5.745 min  
Delta R.T.: -0.001 min  
Response: 486832311  
Conc: 52.17 ng/ml



#12 4,4'-DDE

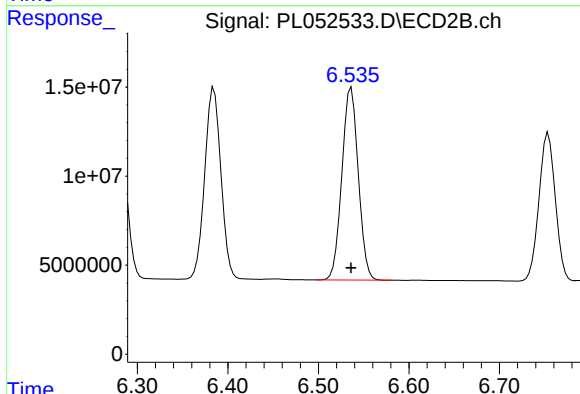
R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 134114719  
Conc: 55.01 ng/ml



#13 Dieldrin

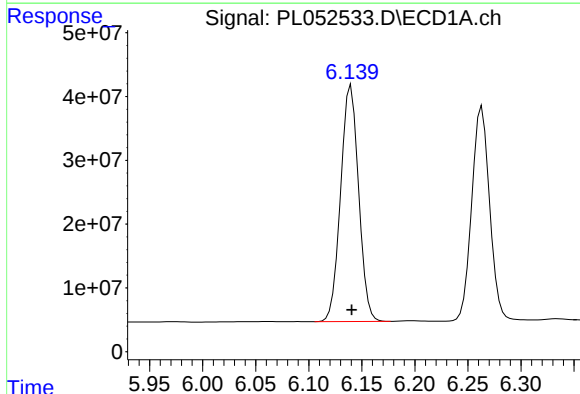
R.T.: 5.881 min  
Delta R.T.: -0.001 min  
Response: 534476962  
Conc: 51.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



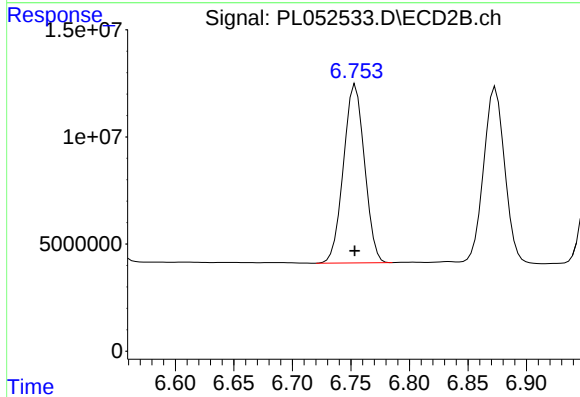
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: 0.000 min  
Response: 136177588  
Conc: 55.76 ng/ml



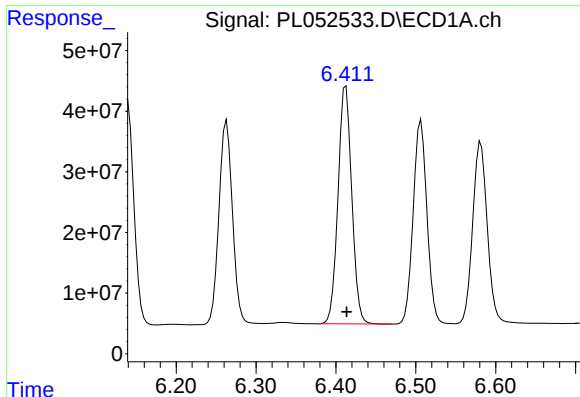
#14 Endrin

R.T.: 6.140 min  
Delta R.T.: 0.000 min  
Response: 436034660  
Conc: 52.74 ng/ml



#14 Endrin

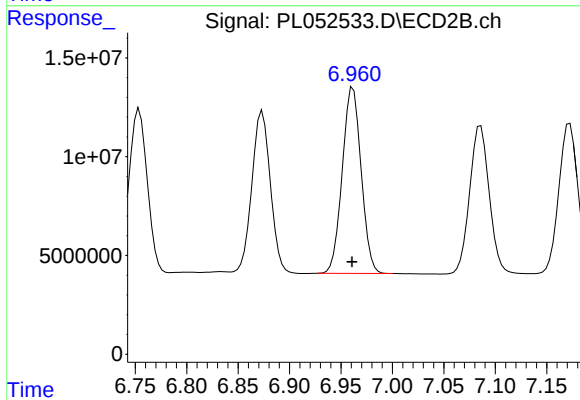
R.T.: 6.754 min  
Delta R.T.: 0.000 min  
Response: 104247050  
Conc: 53.86 ng/ml



#15 Endosulfan II

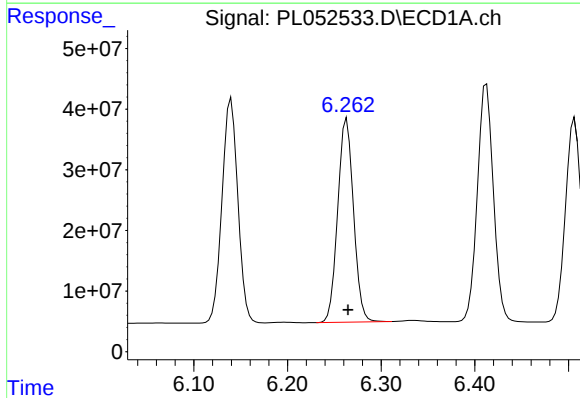
R.T.: 6.412 min  
Delta R.T.: -0.001 min  
Response: 468812222  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



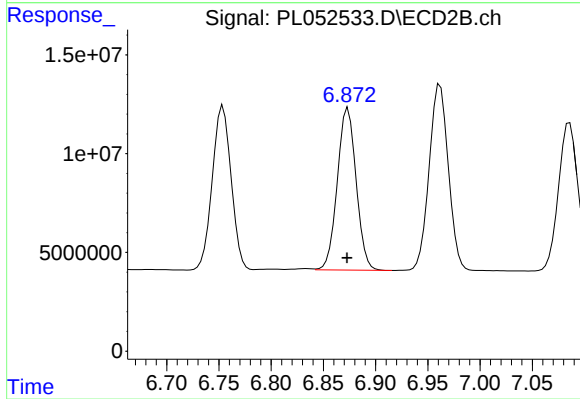
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 120357928  
Conc: 53.92 ng/ml



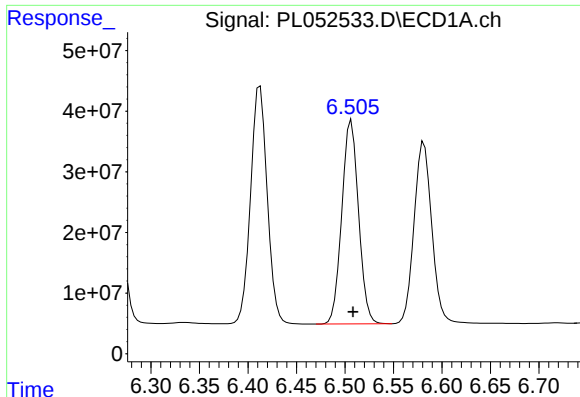
#16 4,4'-DDD

R.T.: 6.263 min  
Delta R.T.: -0.001 min  
Response: 393981289  
Conc: 51.44 ng/ml



#16 4,4'-DDD

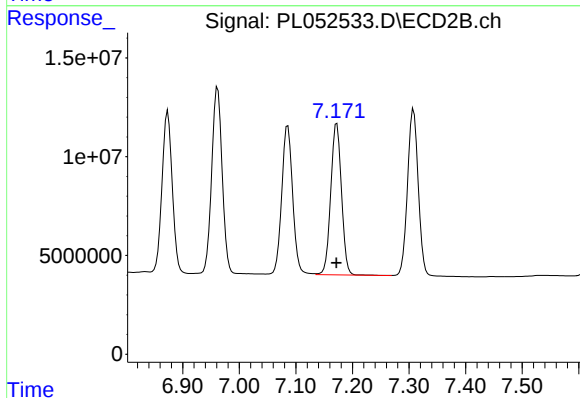
R.T.: 6.874 min  
Delta R.T.: 0.001 min  
Response: 103042899  
Conc: 55.95 ng/ml



#17 4,4'-DDT

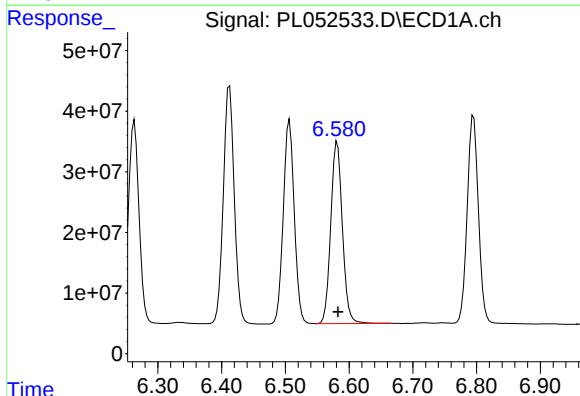
R.T.: 6.507 min  
Delta R.T.: -0.002 min  
Response: 403371197  
Conc: 51.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



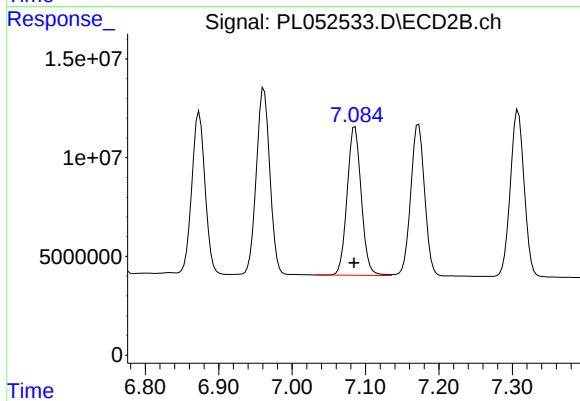
#17 4,4'-DDT

R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 101409489  
Conc: 55.44 ng/ml



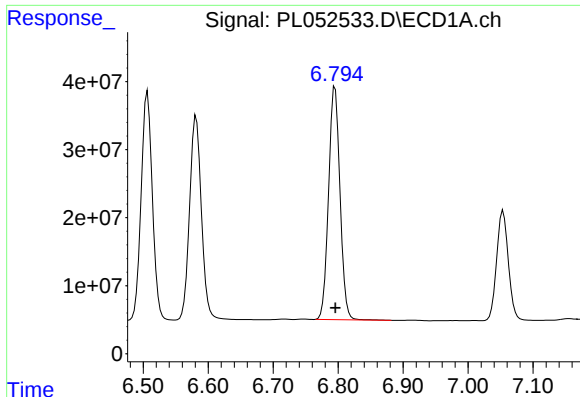
#18 Endrin aldehyde

R.T.: 6.582 min  
Delta R.T.: -0.001 min  
Response: 381338884  
Conc: 49.32 ng/ml



#18 Endrin aldehyde

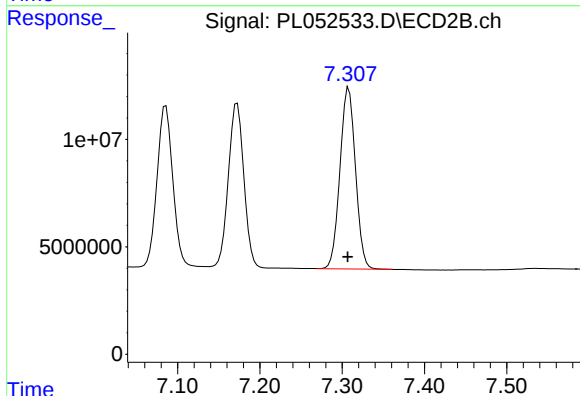
R.T.: 7.086 min  
Delta R.T.: 0.001 min  
Response: 100838026  
Conc: 54.36 ng/ml



#19 Endosulfan Sulfate

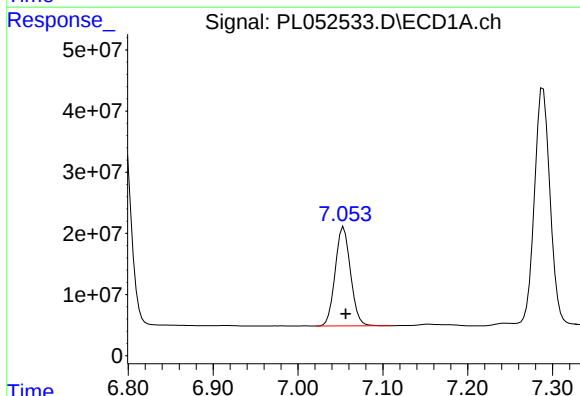
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 417428162  
Conc: 50.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



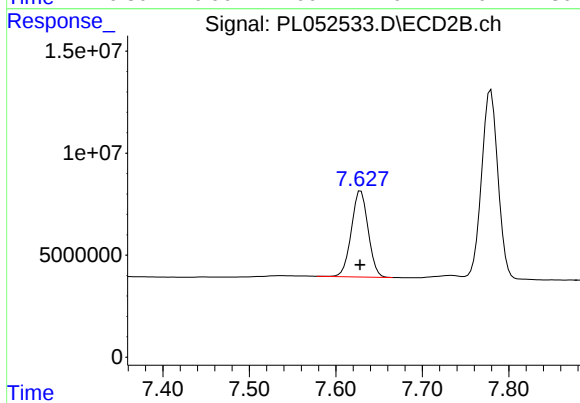
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: 0.001 min  
Response: 110826975  
Conc: 53.96 ng/ml



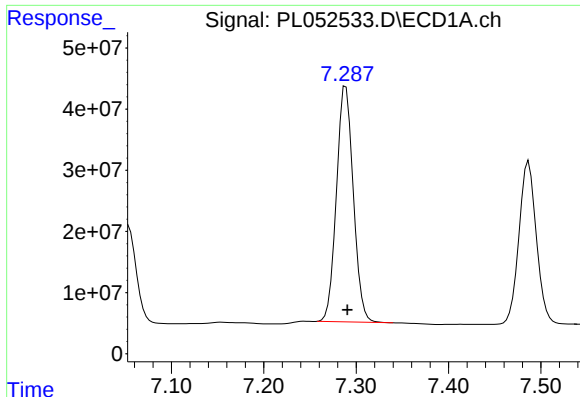
#20 Methoxychlor

R.T.: 7.054 min  
Delta R.T.: -0.002 min  
Response: 202958748  
Conc: 50.20 ng/ml



#20 Methoxychlor

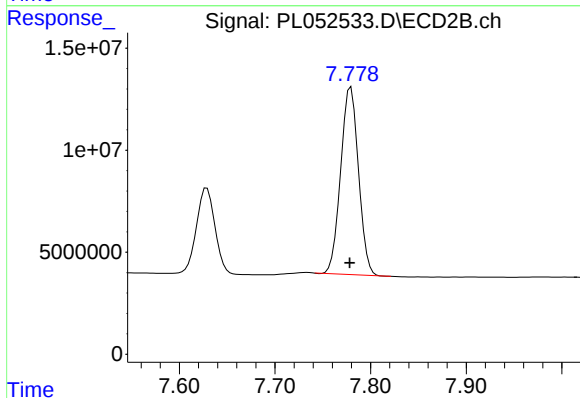
R.T.: 7.629 min  
Delta R.T.: 0.000 min  
Response: 56652406  
Conc: 55.91 ng/ml



#21 Endrin ketone

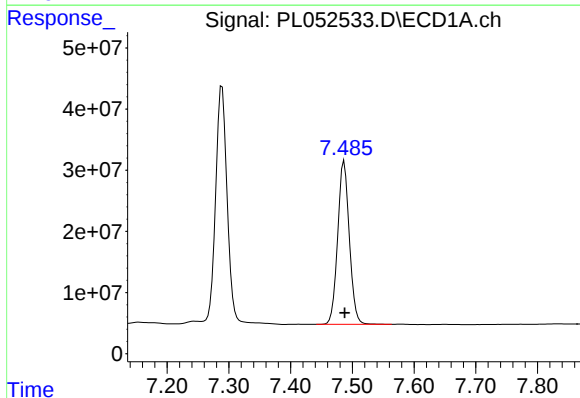
R.T.: 7.289 min  
Delta R.T.: -0.002 min  
Response: 488649547  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



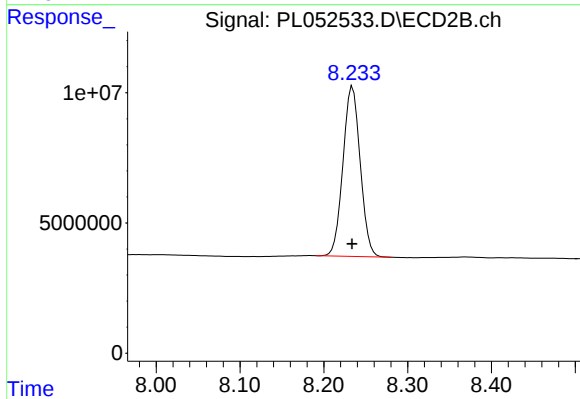
#21 Endrin ketone

R.T.: 7.779 min  
Delta R.T.: 0.001 min  
Response: 119151984  
Conc: 53.65 ng/ml



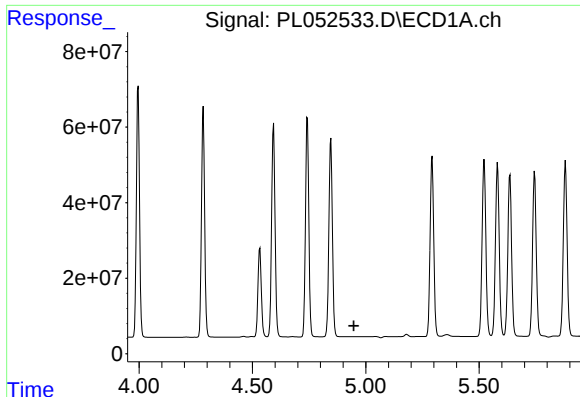
#22 Mirex

R.T.: 7.487 min  
Delta R.T.: -0.001 min  
Response: 350696518  
Conc: 45.86 ng/ml



#22 Mirex

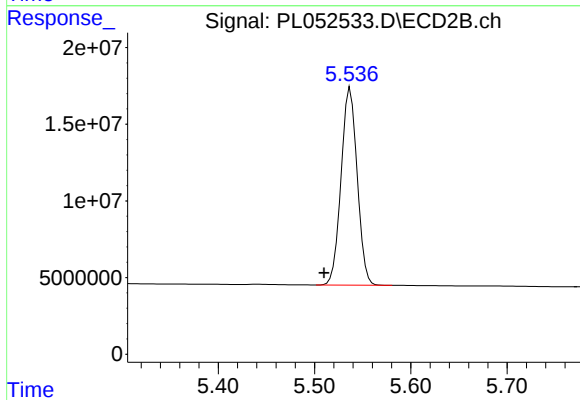
R.T.: 8.234 min  
Delta R.T.: 0.000 min  
Response: 93356204  
Conc: 54.55 ng/ml



#24 Chlordane-2

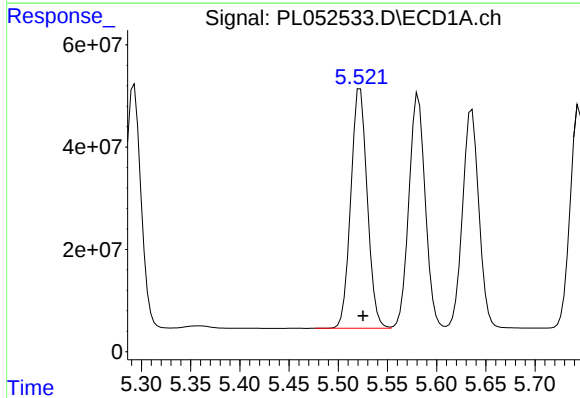
R.T.: 0.000 min  
Exp R.T.: 4.948 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



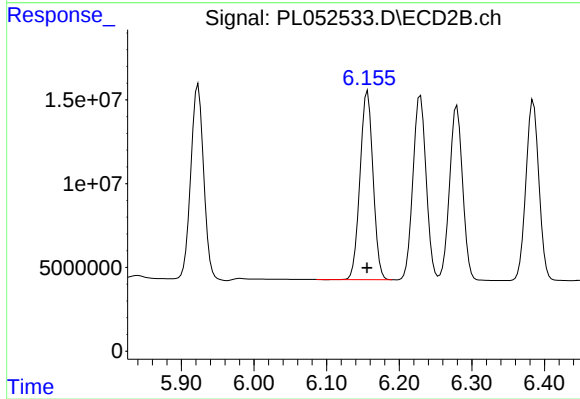
#24 Chlordane-2

R.T.: 5.537 min  
Delta R.T.: 0.027 min  
Response: 149111341  
Conc: 1818.20 ng/ml



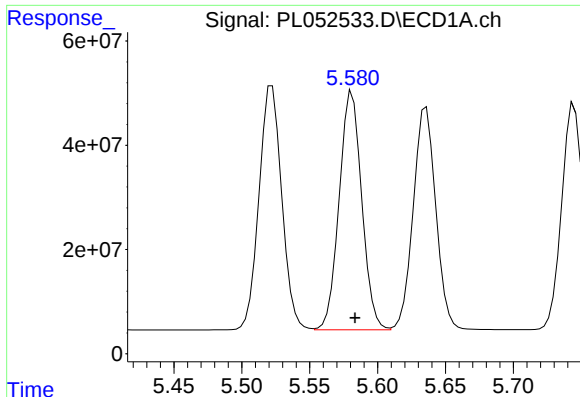
#25 Chlordane-3

R.T.: 5.522 min  
Delta R.T.: -0.003 min  
Response: 545704031  
Conc: 564.06 ng/ml



#25 Chlordane-3

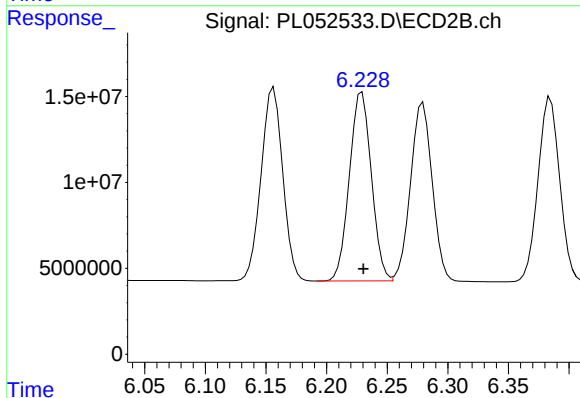
R.T.: 6.156 min  
Delta R.T.: 0.000 min  
Response: 140048728  
Conc: 457.72 ng/ml



#26 Chlordane-4

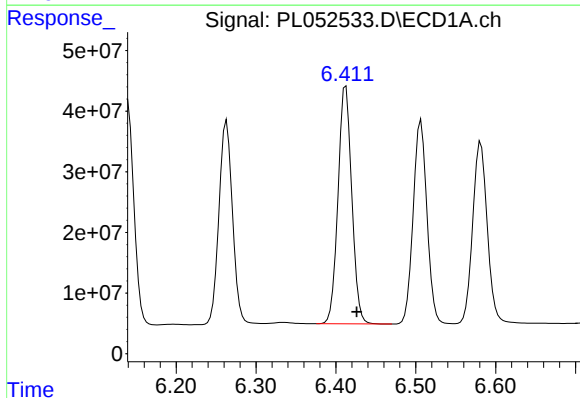
R.T.: 5.581 min  
Delta R.T.: -0.002 min  
Response: 529389495  
Conc: 672.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



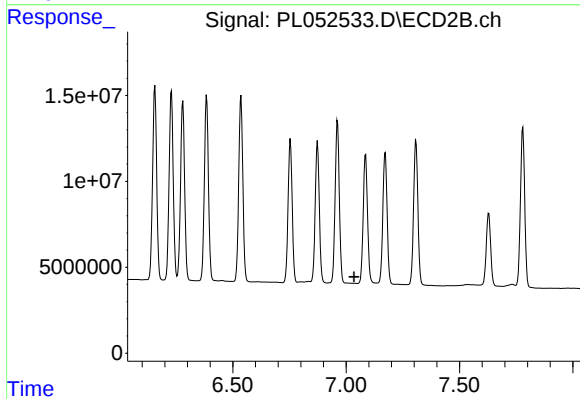
#26 Chlordane-4

R.T.: 6.229 min  
Delta R.T.: -0.001 min  
Response: 138712924  
Conc: 360.66 ng/ml



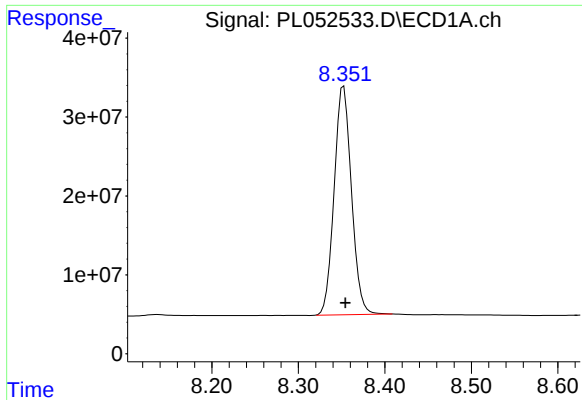
#27 Chlordane-5

R.T.: 6.412 min  
Delta R.T.: -0.014 min  
Response: 468812222  
Conc: 1522.41 ng/ml



#27 Chlordane-5

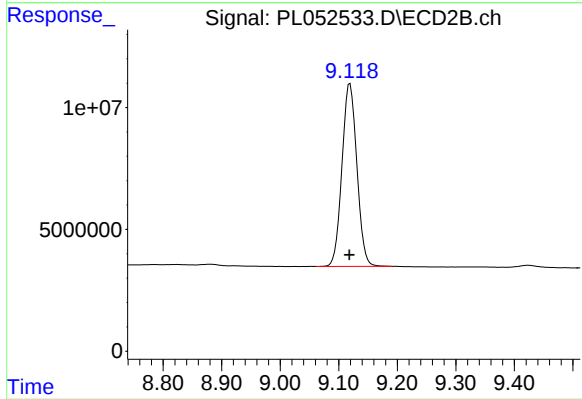
R.T.: 0.000 min  
Exp R.T.: 7.035 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.353 min  
Delta R.T.: -0.002 min  
Response: 401152148  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: 0.000 min  
Response: 132542750  
Conc: 55.35 ng/ml