

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081419\  
 Data File : PL051513.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2019 00:57  
 Operator : SM\AJ  
 Sample : PTSDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 09:18:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.315  | 3.926  | 515.3E6 | 137.1E6  | 51.282   | 48.039     |
| 28)                         | SA Decachlor... | 7.974  | 8.953  | 575.3E6 | 142.8E6  | 56.819   | 50.497     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.742  | 4.315  | 873.0E6 | 207.2E6  | 52.095   | 50.219     |
| 3)                          | MA gamma-BHC... | 4.018  | 4.598  | 815.5E6 | 195.7E6  | 53.020   | 50.538     |
| 4)                          | MA Heptachlor   | 4.301  | 5.099  | 800.7E6 | 190.3E6  | 48.797   | 45.901     |
| 5)                          | MB Aldrin       | 4.539  | 5.401  | 821.0E6 | 193.8E6  | 52.996   | 51.438     |
| 6)                          | B beta-BHC      | 4.273  | 4.775  | 337.6E6 | 90310046 | 51.498   | 52.237     |
| 7)                          | B delta-BHC     | 4.465  | 4.988  | 861.5E6 | 202.2E6  | 52.502   | 52.272     |
| 8)                          | B Heptachlo...  | 4.975  | 5.788  | 765.7E6 | 186.6E6  | 51.831   | 48.794     |
| 9)                          | A Endosulfan I  | 5.306  | 6.142  | 732.7E6 | 176.5E6  | 50.382   | 51.332     |
| 10)                         | B gamma-Chl...  | 5.197  | 6.021  | 812.3E6 | 193.5E6  | 51.465   | 52.363     |
| 11)                         | B alpha-Chl...  | 5.253  | 6.092  | 782.9E6 | 189.9E6  | 51.320   | 51.825     |
| 12)                         | B 4,4'-DDE      | 5.420  | 6.253  | 747.3E6 | 189.0E6  | 49.869   | 52.441     |
| 13)                         | MA Dieldrin     | 5.544  | 6.398  | 802.8E6 | 187.4E6  | 51.805   | 52.916     |
| 14)                         | MA Endrin       | 5.797  | 6.615  | 700.4E6 | 148.4E6  | 47.582   | 47.836     |
| 15)                         | B Endosulfa...  | 6.072  | 6.827  | 707.0E6 | 166.9E6  | 50.517   | 52.501     |
| 16)                         | A 4,4'-DDD      | 5.930  | 6.743  | 662.7E6 | 146.0E6  | 55.302   | 54.846     |
| 17)                         | MA 4,4'-DDT     | 6.165  | 7.040  | 536.7E6 | 123.1E6  | 43.333   | 45.589     |
| 18)                         | B Endrin al...  | 6.238  | 6.952  | 579.2E6 | 121.9E6  | 50.210   | 44.845     |
| 19)                         | B Endosulfa...  | 6.449  | 7.175  | 648.1E6 | 156.6E6  | 50.876   | 54.213     |
| 20)                         | A Methoxychlor  | 6.709  | 7.501  | 266.4E6 | 67929767 | 42.692   | 46.297     |
| 21)                         | B Endrin ke...  | 6.931  | 7.643  | 731.2E6 | 168.7E6  | 53.461   | 58.344     |
| 22)                         | Mirex           | 7.104  | 8.091  | 508.3E6 | 121.8E6  | 51.843   | 53.019     |
| 23)                         | Chlordane-1     | 4.187f | 0.000  | 1290801 | 0        | 3.508    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.401f | 0       | 193.8E6  | N.D.     | 1650.351 # |
| 25)                         | Chlordane-3     | 5.197  | 6.021  | 812.3E6 | 193.5E6  | 580.285  | 402.293 #  |
| 26)                         | Chlordane-4     | 5.253  | 6.092  | 782.9E6 | 189.9E6  | 593.590  | 326.979 #  |
| 27)                         | Chlordane-5     | 6.072  | 0.000  | 707.0E6 | 0        | 1391.877 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

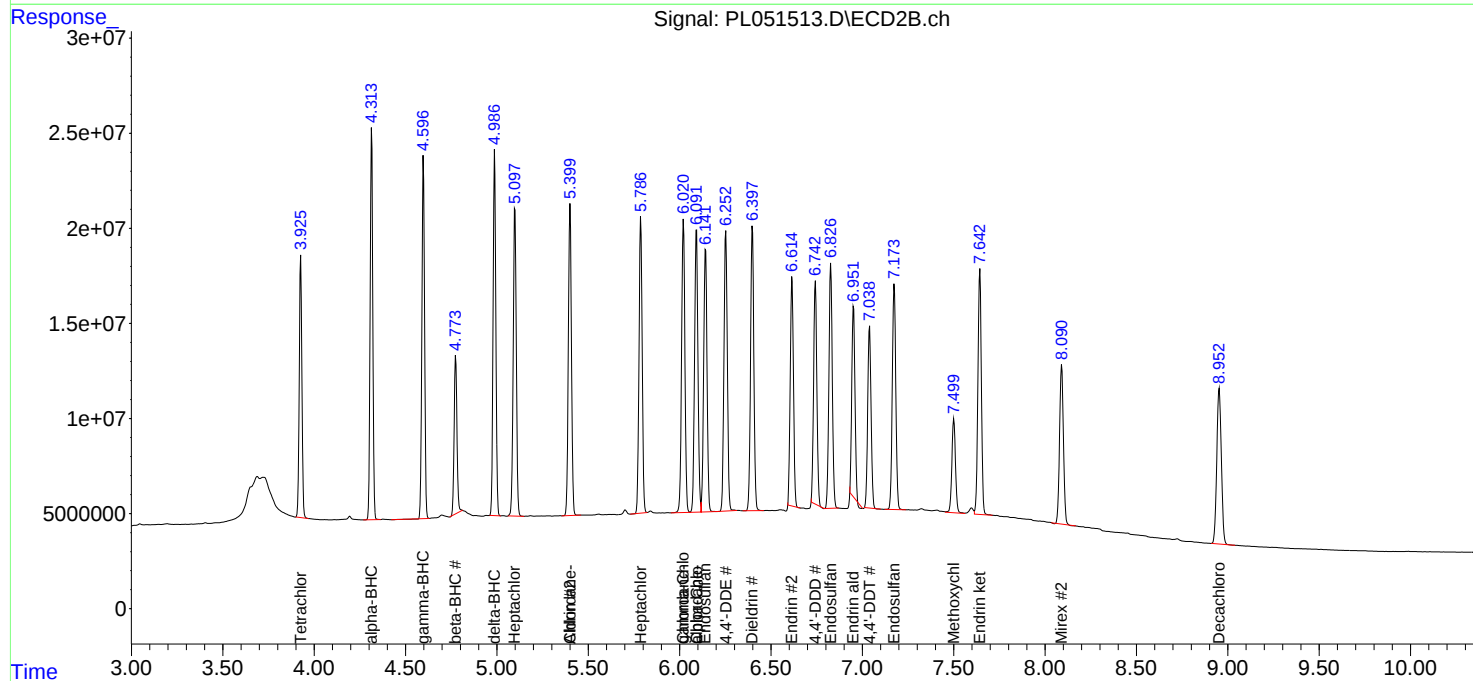
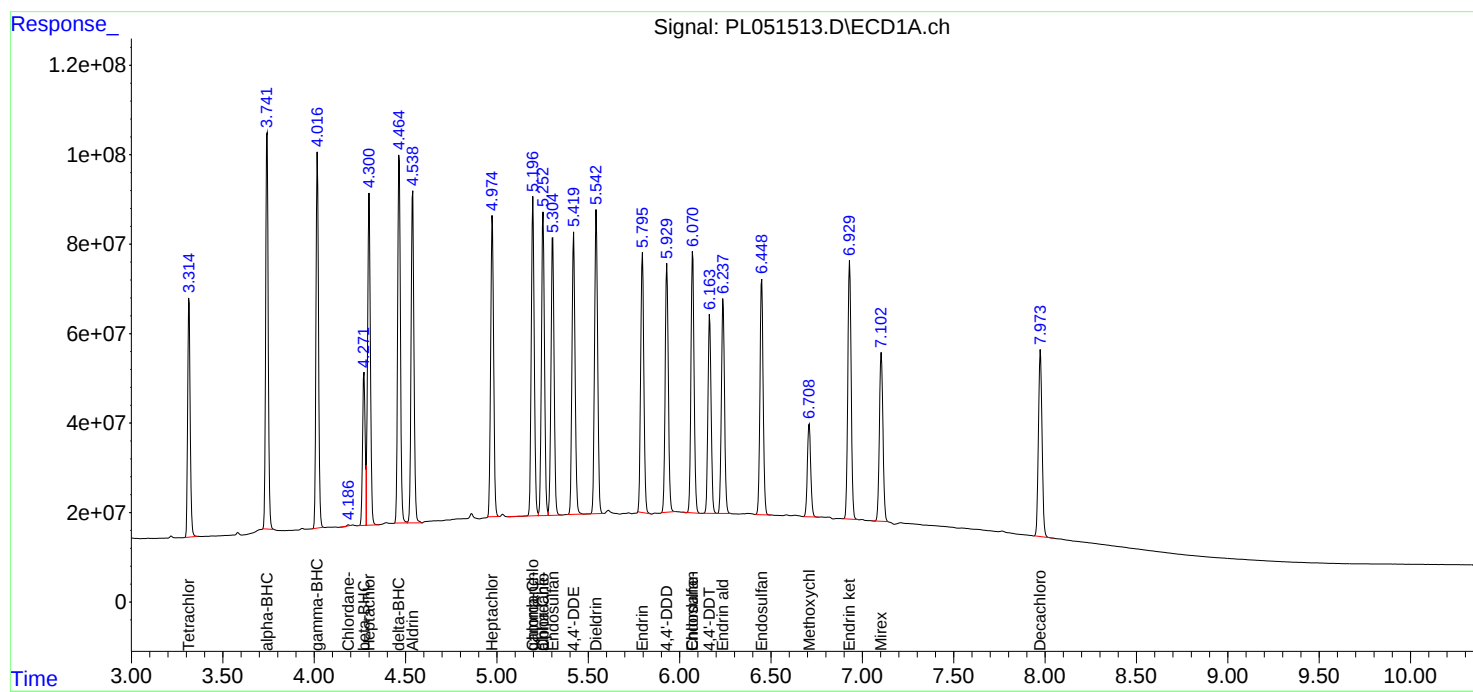
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

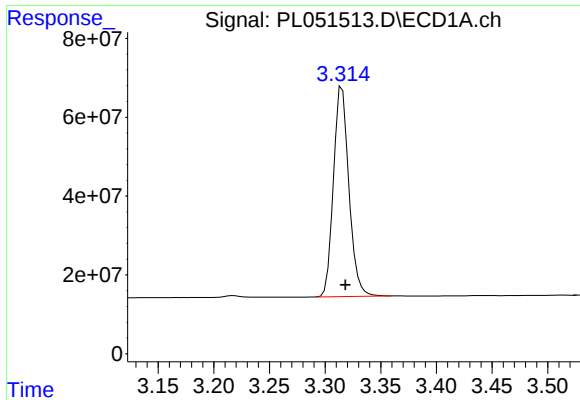
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081419\  
 Data File : PL051513.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2019 00:57  
 Operator : SM\AJ  
 Sample : PTSDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 15 09:18:43 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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

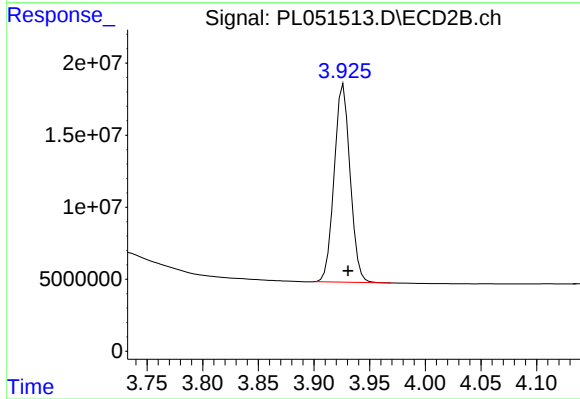




#1 Tetrachloro-m-xylene

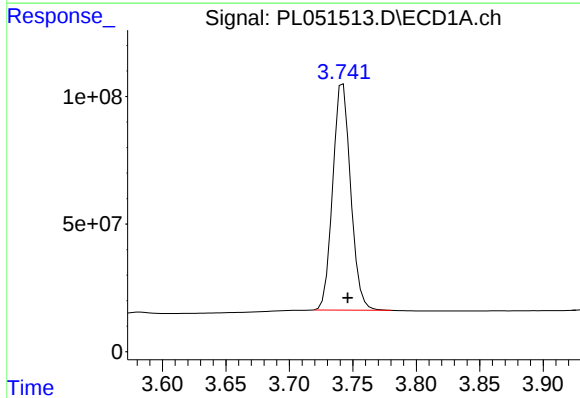
R.T.: 3.315 min  
Delta R.T.: -0.003 min  
Response: 515275936  
Conc: 51.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



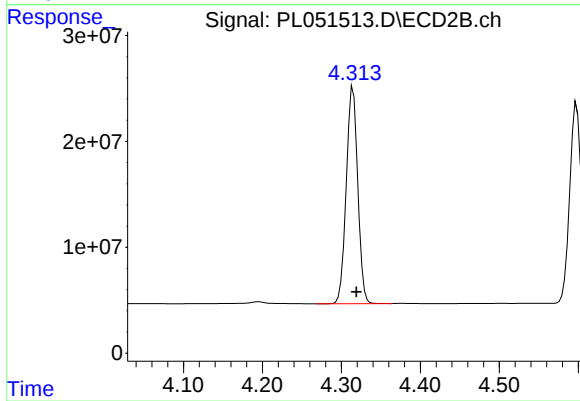
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: -0.004 min  
Response: 137066484  
Conc: 48.04 ng/ml



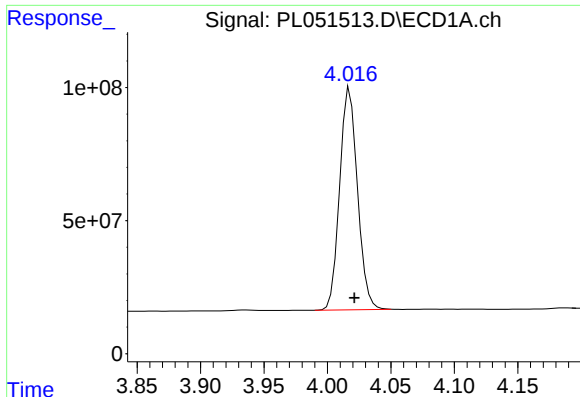
#2 alpha-BHC

R.T.: 3.742 min  
Delta R.T.: -0.004 min  
Response: 872984629  
Conc: 52.09 ng/ml



#2 alpha-BHC

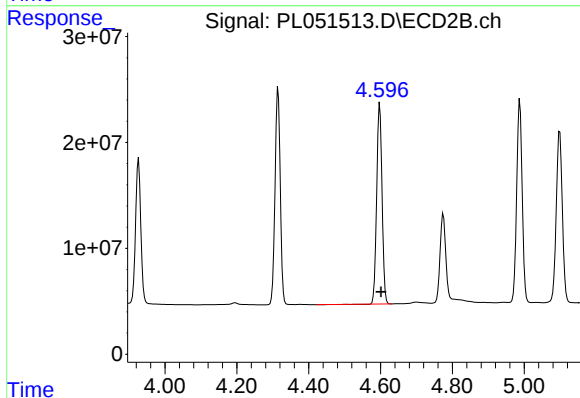
R.T.: 4.315 min  
Delta R.T.: -0.004 min  
Response: 207203765  
Conc: 50.22 ng/ml



#3 gamma-BHC (Lindane)

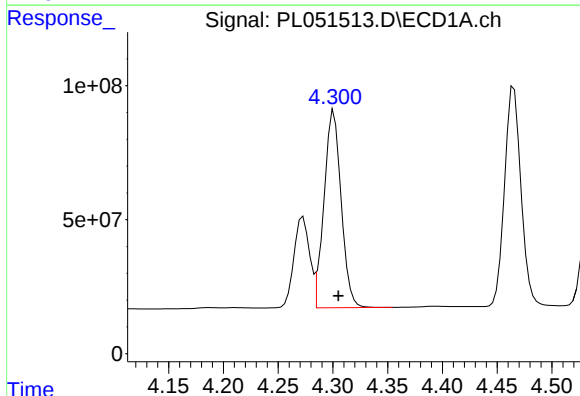
R.T.: 4.018 min  
Delta R.T.: -0.004 min  
Response: 815531215  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



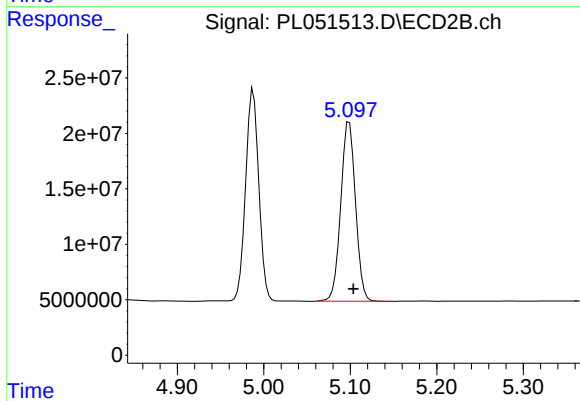
#3 gamma-BHC (Lindane)

R.T.: 4.598 min  
Delta R.T.: -0.004 min  
Response: 195741797  
Conc: 50.54 ng/ml



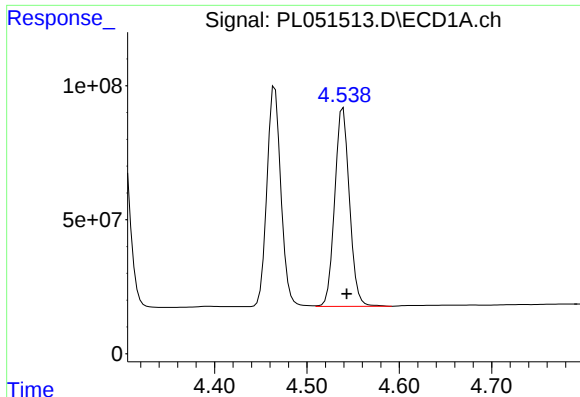
#4 Heptachlor

R.T.: 4.301 min  
Delta R.T.: -0.004 min  
Response: 800650155  
Conc: 48.80 ng/ml



#4 Heptachlor

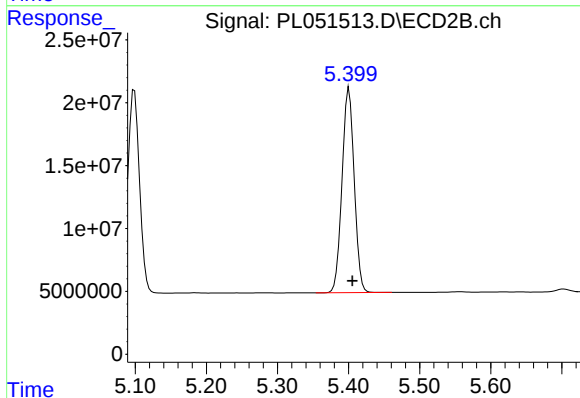
R.T.: 5.099 min  
Delta R.T.: -0.005 min  
Response: 190336819  
Conc: 45.90 ng/ml



#5 Aldrin

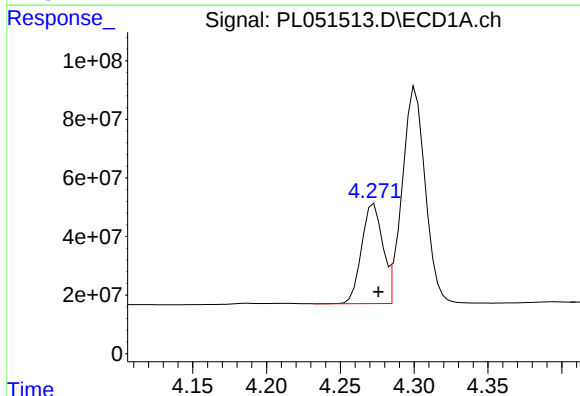
R.T.: 4.539 min  
Delta R.T.: -0.004 min  
Response: 820982082  
Conc: 53.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



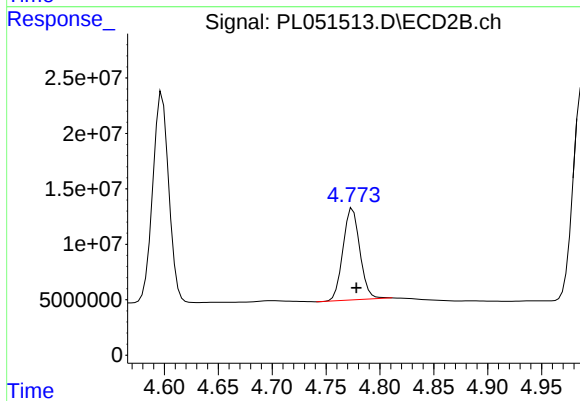
#5 Aldrin

R.T.: 5.401 min  
Delta R.T.: -0.005 min  
Response: 193837846  
Conc: 51.44 ng/ml



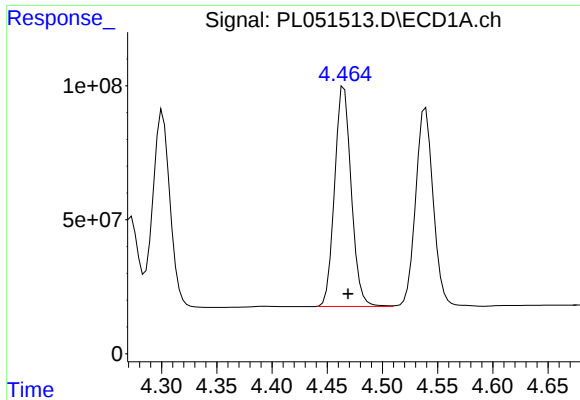
#6 beta-BHC

R.T.: 4.273 min  
Delta R.T.: -0.003 min  
Response: 337615439  
Conc: 51.50 ng/ml



#6 beta-BHC

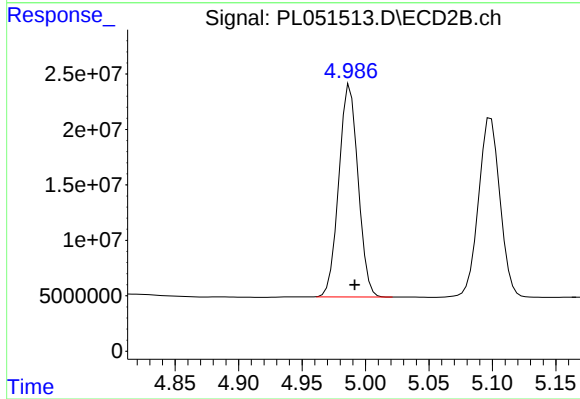
R.T.: 4.775 min  
Delta R.T.: -0.003 min  
Response: 90310046  
Conc: 52.24 ng/ml



#7 delta-BHC

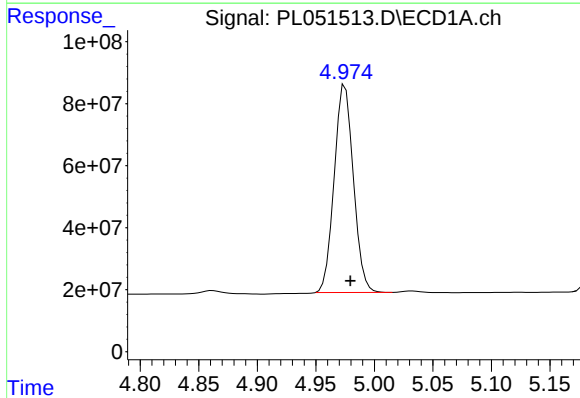
R.T.: 4.465 min  
Delta R.T.: -0.004 min  
Response: 861491222  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



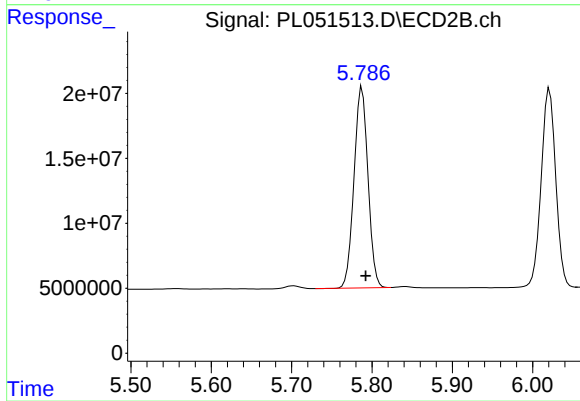
#7 delta-BHC

R.T.: 4.988 min  
Delta R.T.: -0.004 min  
Response: 202166346  
Conc: 52.27 ng/ml



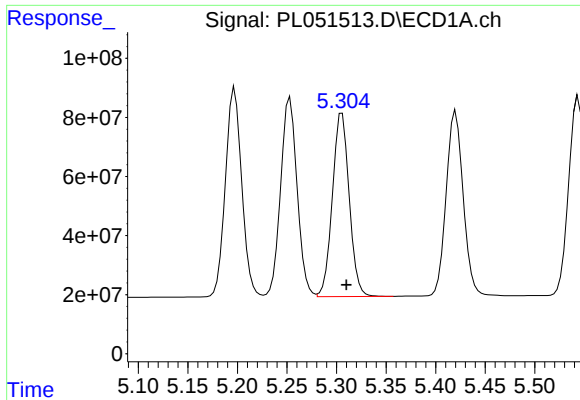
#8 Heptachlor epoxide

R.T.: 4.975 min  
Delta R.T.: -0.004 min  
Response: 765733887  
Conc: 51.83 ng/ml



#8 Heptachlor epoxide

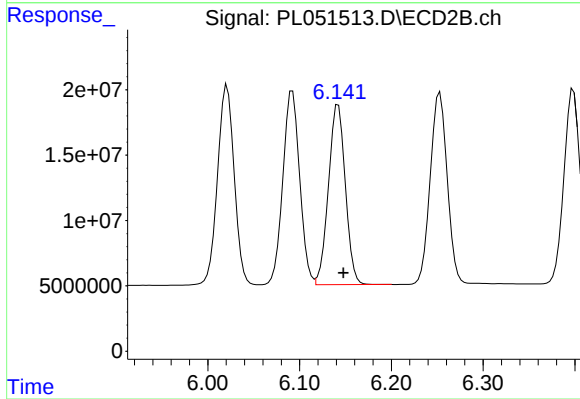
R.T.: 5.788 min  
Delta R.T.: -0.005 min  
Response: 186629628  
Conc: 48.79 ng/ml



#9 Endosulfan I

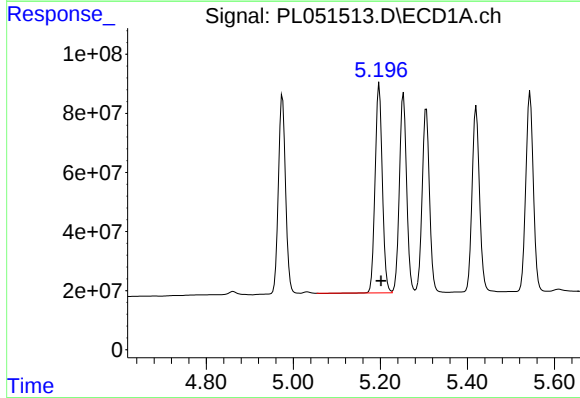
R.T.: 5.306 min  
Delta R.T.: -0.004 min  
Response: 732745282  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



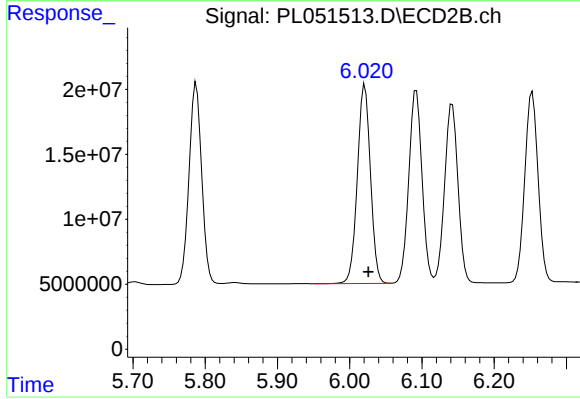
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: -0.006 min  
Response: 176526118  
Conc: 51.33 ng/ml



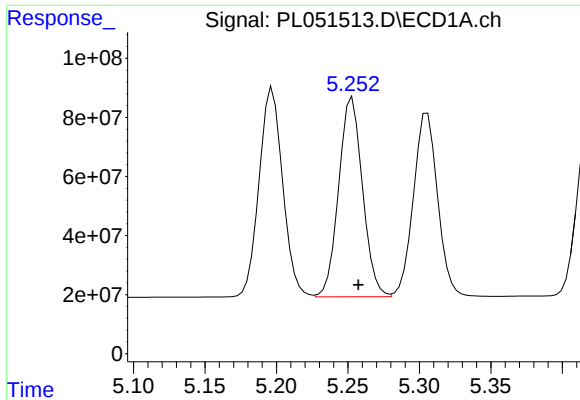
#10 gamma-Chlordane

R.T.: 5.197 min  
Delta R.T.: -0.004 min  
Response: 812276176  
Conc: 51.46 ng/ml



#10 gamma-Chlordane

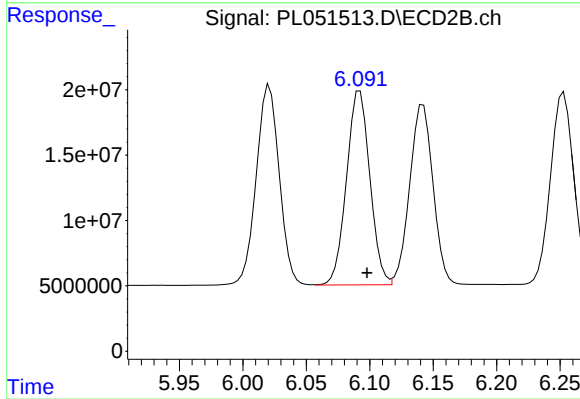
R.T.: 6.021 min  
Delta R.T.: -0.005 min  
Response: 193494845  
Conc: 52.36 ng/ml



#11 alpha-Chlordane

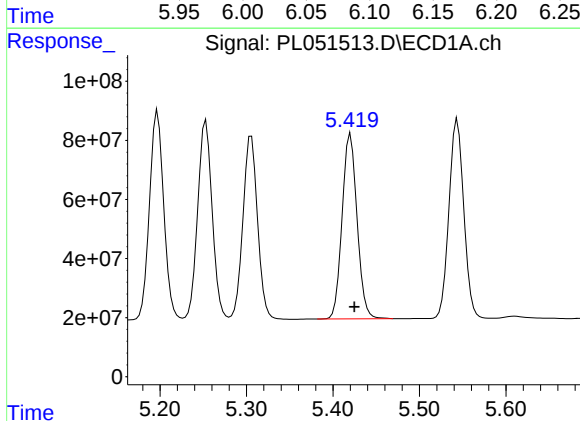
R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 782932962  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



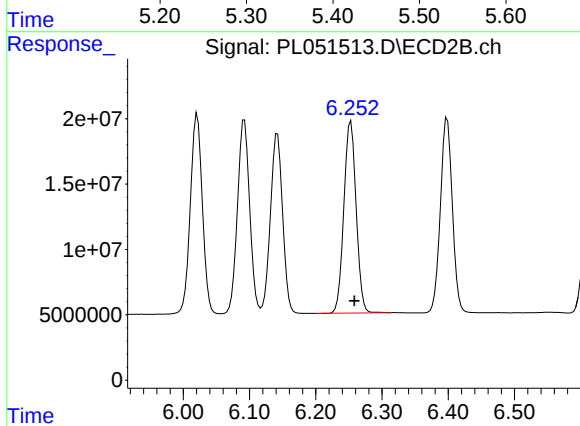
#11 alpha-Chlordane

R.T.: 6.092 min  
Delta R.T.: -0.006 min  
Response: 189948145  
Conc: 51.83 ng/ml



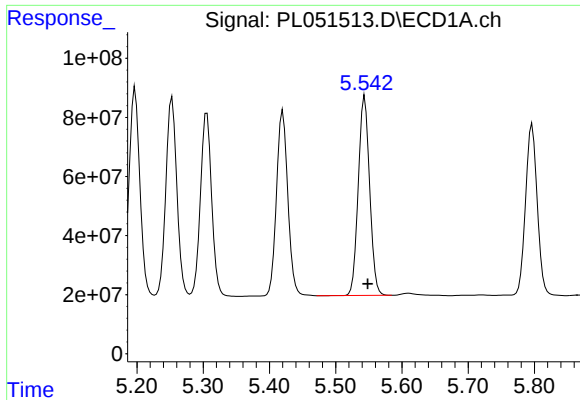
#12 4,4'-DDE

R.T.: 5.420 min  
Delta R.T.: -0.004 min  
Response: 747327520  
Conc: 49.87 ng/ml



#12 4,4'-DDE

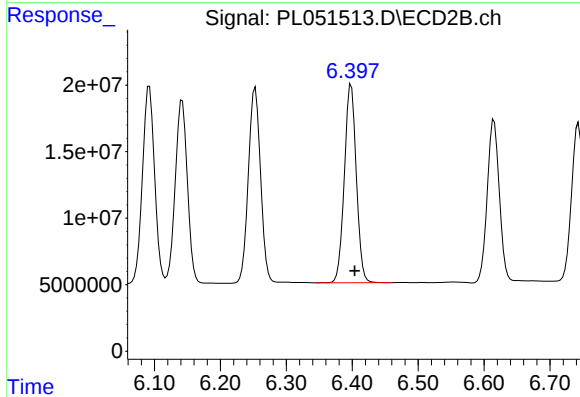
R.T.: 6.253 min  
Delta R.T.: -0.005 min  
Response: 188964090  
Conc: 52.44 ng/ml



#13 Dieldrin

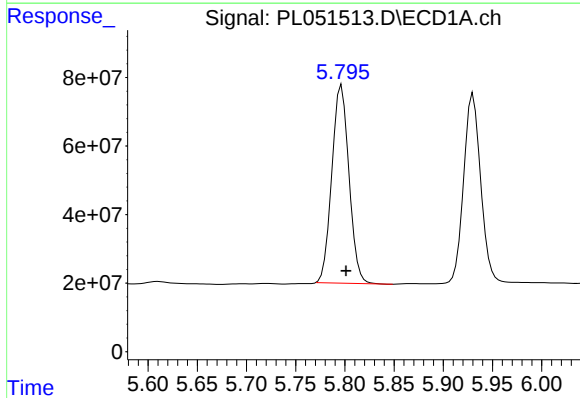
R.T.: 5.544 min  
Delta R.T.: -0.005 min  
Response: 802810757  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



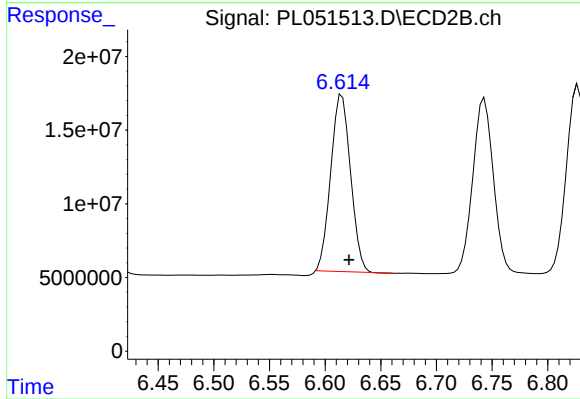
#13 Dieldrin

R.T.: 6.398 min  
Delta R.T.: -0.005 min  
Response: 187382606  
Conc: 52.92 ng/ml



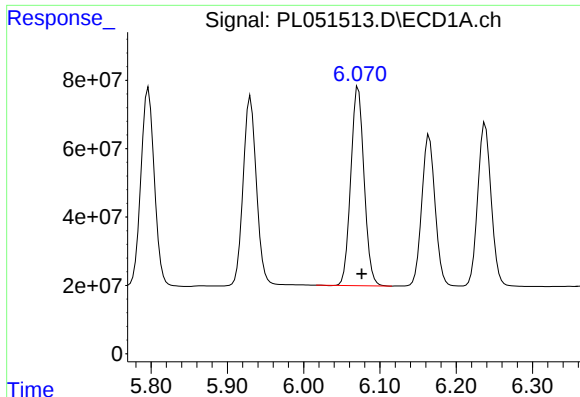
#14 Endrin

R.T.: 5.797 min  
Delta R.T.: -0.005 min  
Response: 700424737  
Conc: 47.58 ng/ml



#14 Endrin

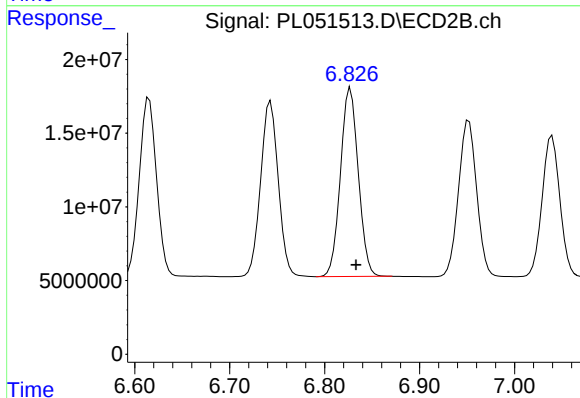
R.T.: 6.615 min  
Delta R.T.: -0.006 min  
Response: 148361432  
Conc: 47.84 ng/ml



#15 Endosulfan II

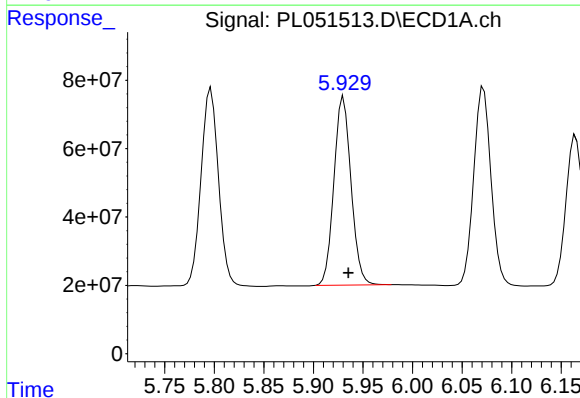
R.T.: 6.072 min  
Delta R.T.: -0.004 min  
Response: 706985730  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



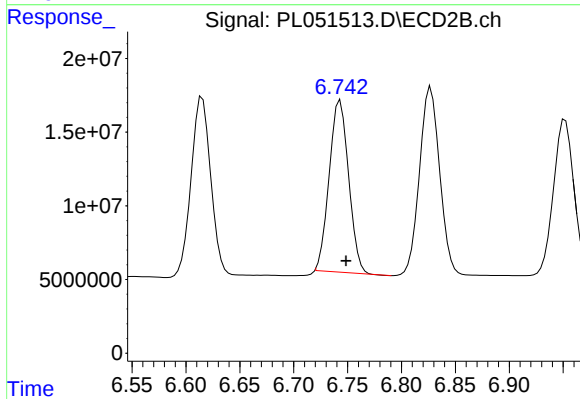
#15 Endosulfan II

R.T.: 6.827 min  
Delta R.T.: -0.006 min  
Response: 166909575  
Conc: 52.50 ng/ml



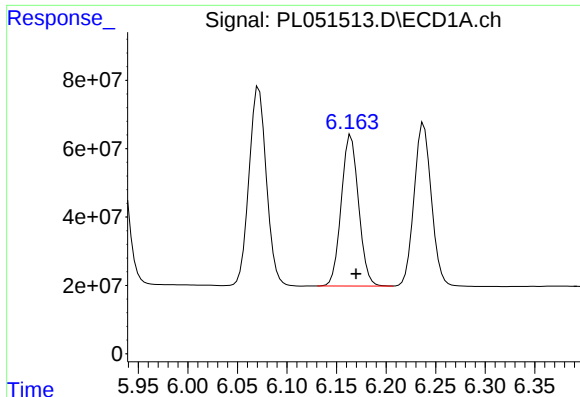
#16 4,4'-DDD

R.T.: 5.930 min  
Delta R.T.: -0.005 min  
Response: 662735608  
Conc: 55.30 ng/ml



#16 4,4'-DDD

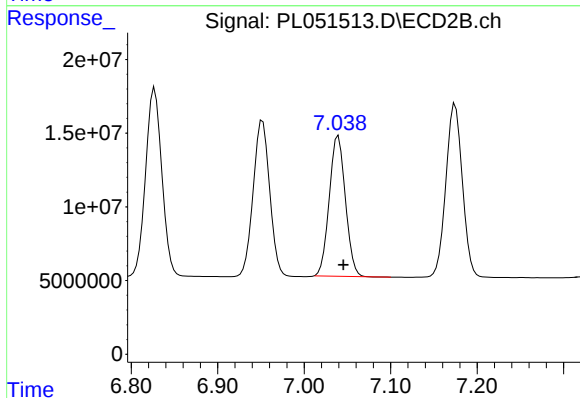
R.T.: 6.743 min  
Delta R.T.: -0.006 min  
Response: 146047745  
Conc: 54.85 ng/ml



#17 4,4'-DDT

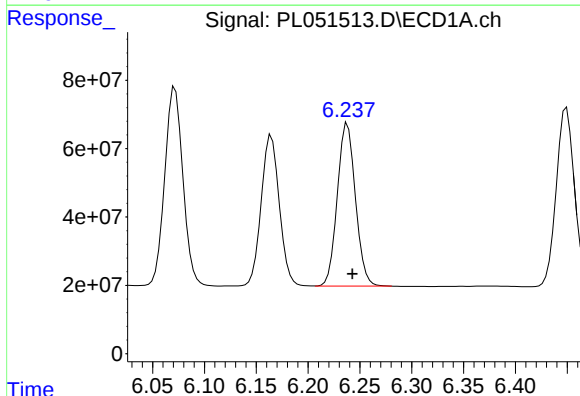
R.T.: 6.165 min  
Delta R.T.: -0.005 min  
Response: 536715830  
Conc: 43.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



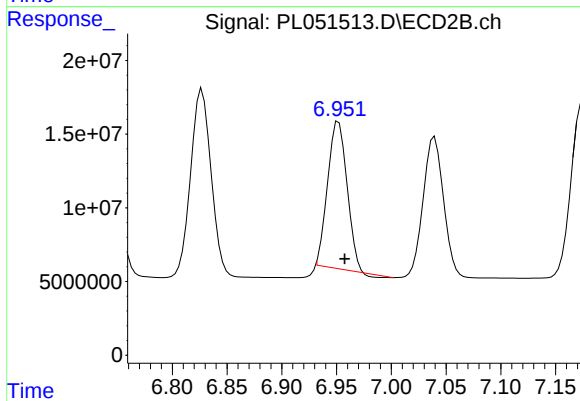
#17 4,4'-DDT

R.T.: 7.040 min  
Delta R.T.: -0.006 min  
Response: 123070659  
Conc: 45.59 ng/ml



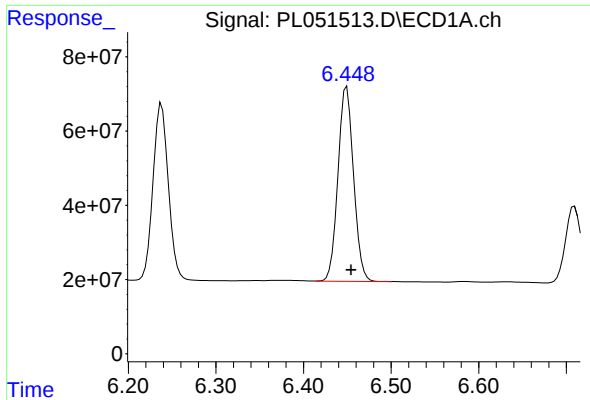
#18 Endrin aldehyde

R.T.: 6.238 min  
Delta R.T.: -0.005 min  
Response: 579236891  
Conc: 50.21 ng/ml



#18 Endrin aldehyde

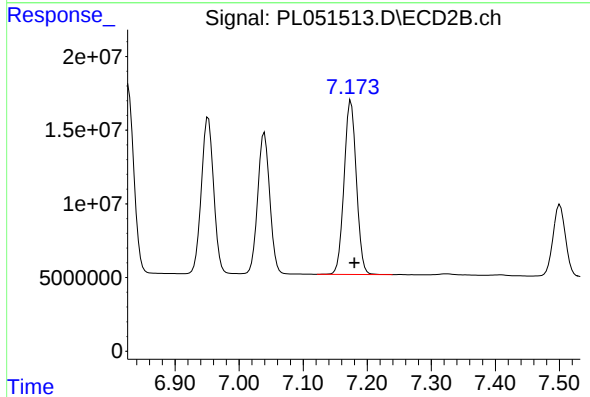
R.T.: 6.952 min  
Delta R.T.: -0.006 min  
Response: 121870866  
Conc: 44.84 ng/ml



#19 Endosulfan Sulfate

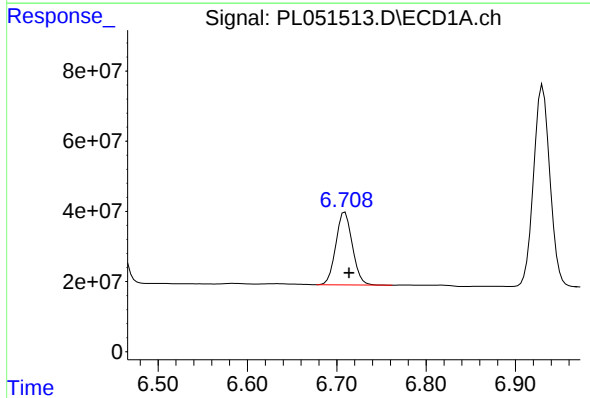
R.T.: 6.449 min  
Delta R.T.: -0.005 min  
Response: 648134711  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



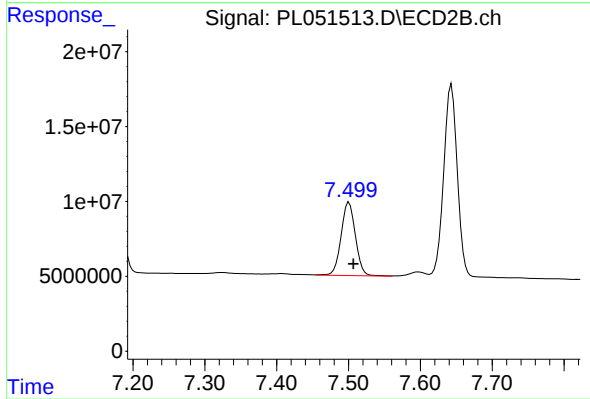
#19 Endosulfan Sulfate

R.T.: 7.175 min  
Delta R.T.: -0.005 min  
Response: 156580016  
Conc: 54.21 ng/ml



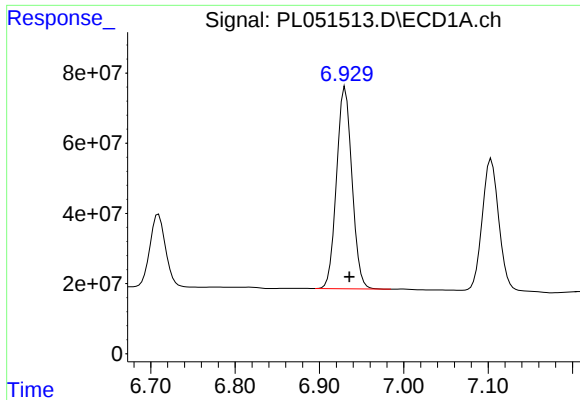
#20 Methoxychlor

R.T.: 6.709 min  
Delta R.T.: -0.005 min  
Response: 266351547  
Conc: 42.69 ng/ml



#20 Methoxychlor

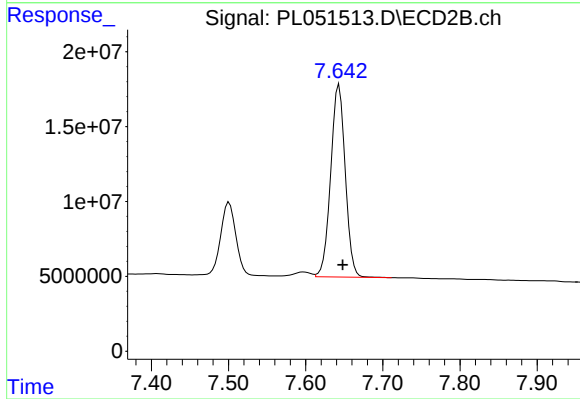
R.T.: 7.501 min  
Delta R.T.: -0.006 min  
Response: 67929767  
Conc: 46.30 ng/ml



#21 Endrin ketone

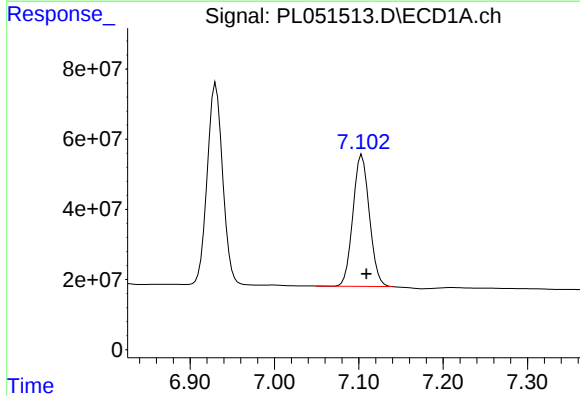
R.T.: 6.931 min  
Delta R.T.: -0.005 min  
Response: 731208634  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



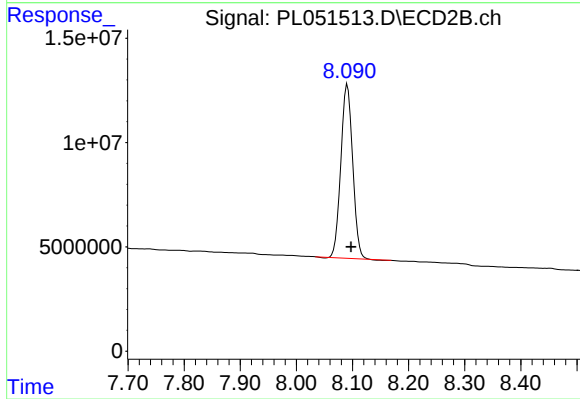
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: -0.005 min  
Response: 168689323  
Conc: 58.34 ng/ml



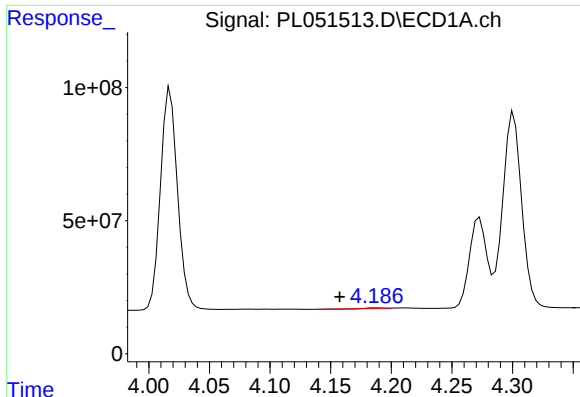
#22 Mirex

R.T.: 7.104 min  
Delta R.T.: -0.005 min  
Response: 508287997  
Conc: 51.84 ng/ml



#22 Mirex

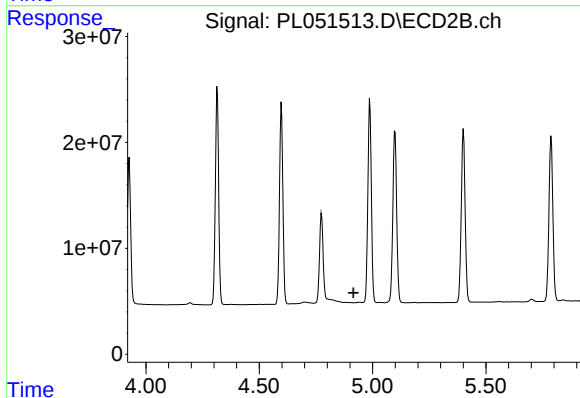
R.T.: 8.091 min  
Delta R.T.: -0.006 min  
Response: 121785534  
Conc: 53.02 ng/ml



#23 Chlordane-1

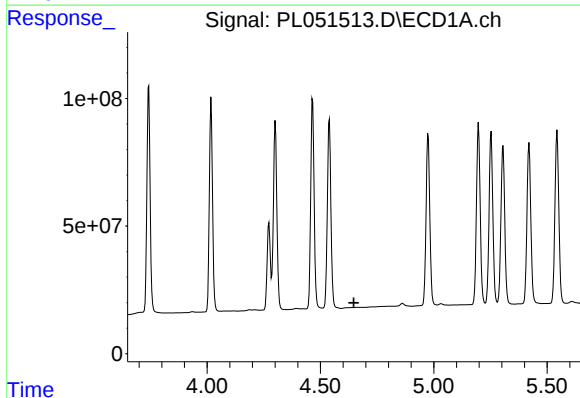
R.T.: 4.187 min  
Delta R.T.: 0.030 min  
Response: 1290801  
Conc: 3.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



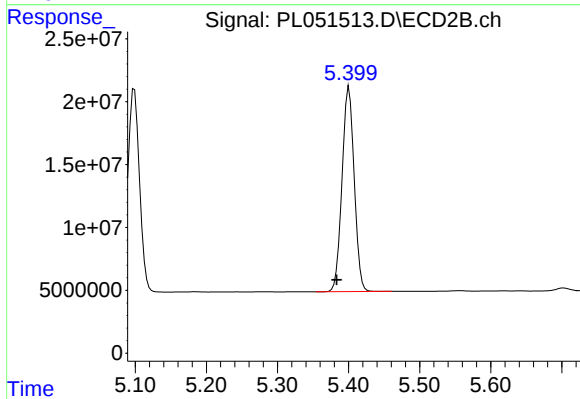
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.916 min  
Response: 0  
Conc: N.D.



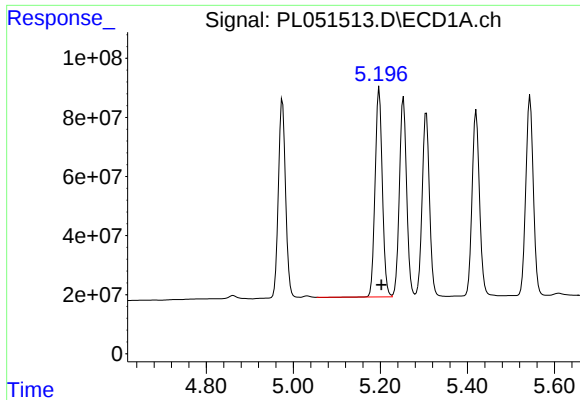
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.647 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

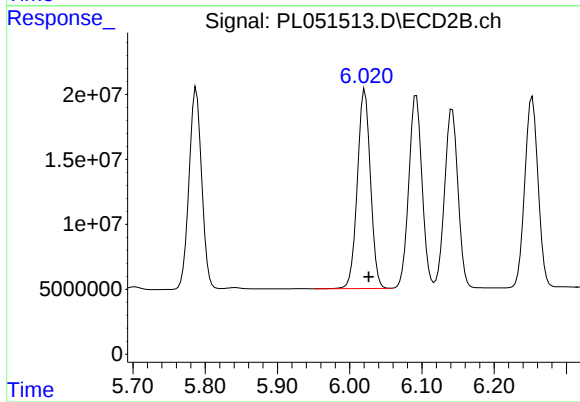
R.T.: 5.401 min  
Delta R.T.: 0.017 min  
Response: 193837846  
Conc: 1650.35 ng/ml



#25 Chlordane-3

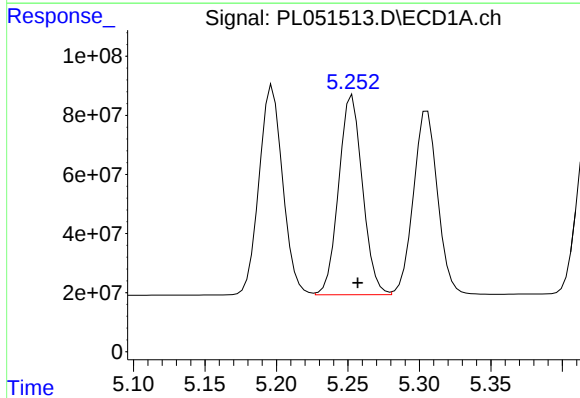
R.T.: 5.197 min  
Delta R.T.: -0.005 min  
Response: 812276176  
Conc: 580.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



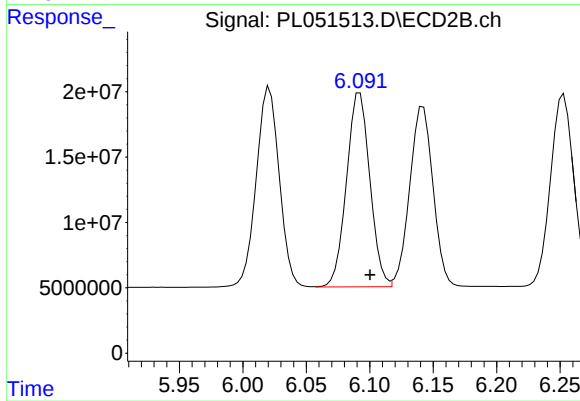
#25 Chlordane-3

R.T.: 6.021 min  
Delta R.T.: -0.005 min  
Response: 193494845  
Conc: 402.29 ng/ml



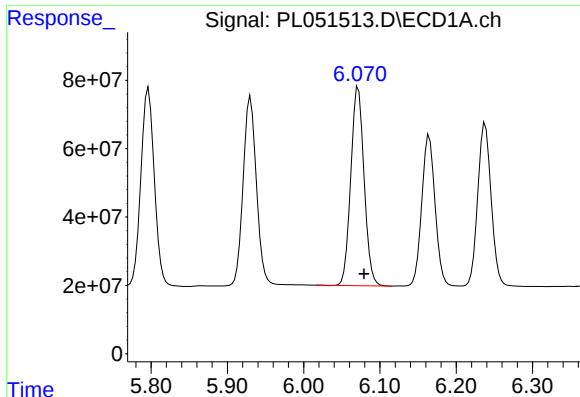
#26 Chlordane-4

R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 782932962  
Conc: 593.59 ng/ml



#26 Chlordane-4

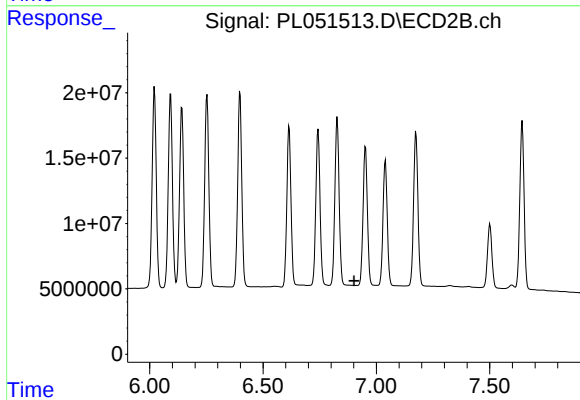
R.T.: 6.092 min  
Delta R.T.: -0.008 min  
Response: 189948145  
Conc: 326.98 ng/ml



#27 Chlordane-5

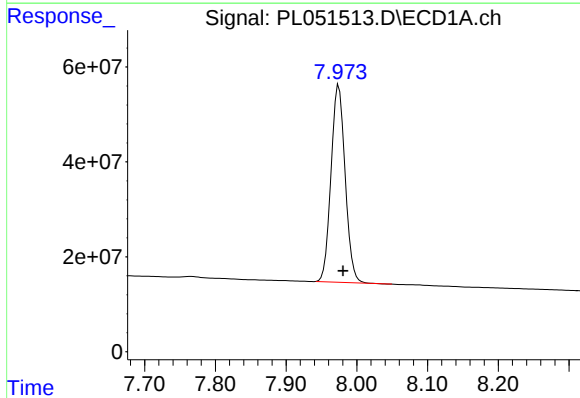
R.T.: 6.072 min  
Delta R.T.: -0.007 min  
Response: 706985730  
Conc: 1391.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



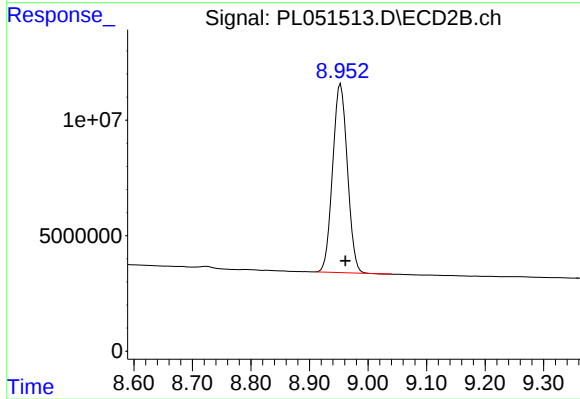
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.974 min  
Delta R.T.: -0.006 min  
Response: 575315703  
Conc: 56.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.953 min  
Delta R.T.: -0.008 min  
Response: 142801009  
Conc: 50.50 ng/ml