

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092919\  
 Data File : PL052829.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Sep 2019 01:59  
 Operator : SG\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL092919

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 06:28:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 28 05:10:31 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... | 3.550 | 4.047  | 498.6E6 | 133.3E6  | 50.125   | 49.659     |
| 28)                         | SA Decachlor... | 8.346 | 9.125  | 496.8E6 | 146.1E6  | 49.602   | 49.800     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.995 | 4.438  | 818.4E6 | 195.9E6  | 51.311   | 51.025     |
| 3)                          | MA gamma-BHC... | 4.282 | 4.724  | 749.9E6 | 182.2E6  | 51.486   | 50.301     |
| 4)                          | MA Heptachlor   | 4.590 | 5.234  | 759.1E6 | 191.2E6  | 50.804   | 50.167     |
| 5)                          | MB Aldrin       | 4.843 | 5.539  | 710.1E6 | 174.7E6  | 51.621   | 50.414     |
| 6)                          | B beta-BHC      | 4.531 | 4.892  | 304.4E6 | 82400853 | 49.035   | 52.424     |
| 7)                          | B delta-BHC     | 4.740 | 5.110  | 732.5E6 | 181.0E6  | 51.121   | 49.991     |
| 8)                          | B Heptachlo...  | 5.290 | 5.925  | 658.0E6 | 167.6E6  | 50.493   | 50.010     |
| 9)                          | A Endosulfan I  | 5.632 | 6.282  | 612.9E6 | 156.1E6  | 50.500   | 49.928     |
| 10)                         | B gamma-Chl...  | 5.519 | 6.158  | 682.2E6 | 168.4E6  | 50.725   | 49.786     |
| 11)                         | B alpha-Chl...  | 5.577 | 6.231  | 665.8E6 | 167.2E6  | 50.478   | 49.681     |
| 12)                         | B 4,4'-DDE      | 5.741 | 6.387  | 592.4E6 | 163.8E6  | 51.044   | 50.154     |
| 13)                         | MA Dieldrin     | 5.877 | 6.539  | 666.4E6 | 164.2E6  | 51.627   | 50.342     |
| 14)                         | MA Endrin       | 6.136 | 6.756  | 579.0E6 | 138.0E6  | 50.832   | 49.687     |
| 15)                         | B Endosulfa...  | 6.408 | 6.964  | 576.3E6 | 149.1E6  | 50.288   | 50.260     |
| 16)                         | A 4,4'-DDD      | 6.259 | 6.876  | 458.9E6 | 123.1E6  | 51.050   | 50.202     |
| 17)                         | MA 4,4'-DDT     | 6.502 | 7.175  | 523.3E6 | 130.8E6  | 51.241   | 50.247     |
| 18)                         | B Endrin al...  | 6.577 | 7.088  | 471.0E6 | 122.6E6  | 50.150   | 49.970     |
| 19)                         | B Endosulfa...  | 6.791 | 7.311  | 511.1E6 | 133.3E6  | 49.099   | 48.805     |
| 20)                         | A Methoxychlor  | 7.049 | 7.632  | 253.8E6 | 70432447 | 49.194   | 50.026     |
| 21)                         | B Endrin ke...  | 7.286 | 7.782  | 586.4E6 | 143.0E6  | 50.311   | 50.109     |
| 22)                         | Mirex           | 7.481 | 8.237  | 452.8E6 | 109.8E6  | 47.951   | 48.794     |
| 24)                         | Chlordane-2     | 0.000 | 5.539f | 0       | 174.7E6  | N.D.     | 1561.037 # |
| 25)                         | Chlordane-3     | 5.519 | 6.158  | 682.2E6 | 168.4E6  | 588.724  | 386.744 #  |
| 26)                         | Chlordane-4     | 5.577 | 6.231  | 665.8E6 | 167.2E6  | 697.576  | 314.927 #  |
| 27)                         | Chlordane-5     | 6.408 | 0.000  | 576.3E6 | 0        | 1461.012 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

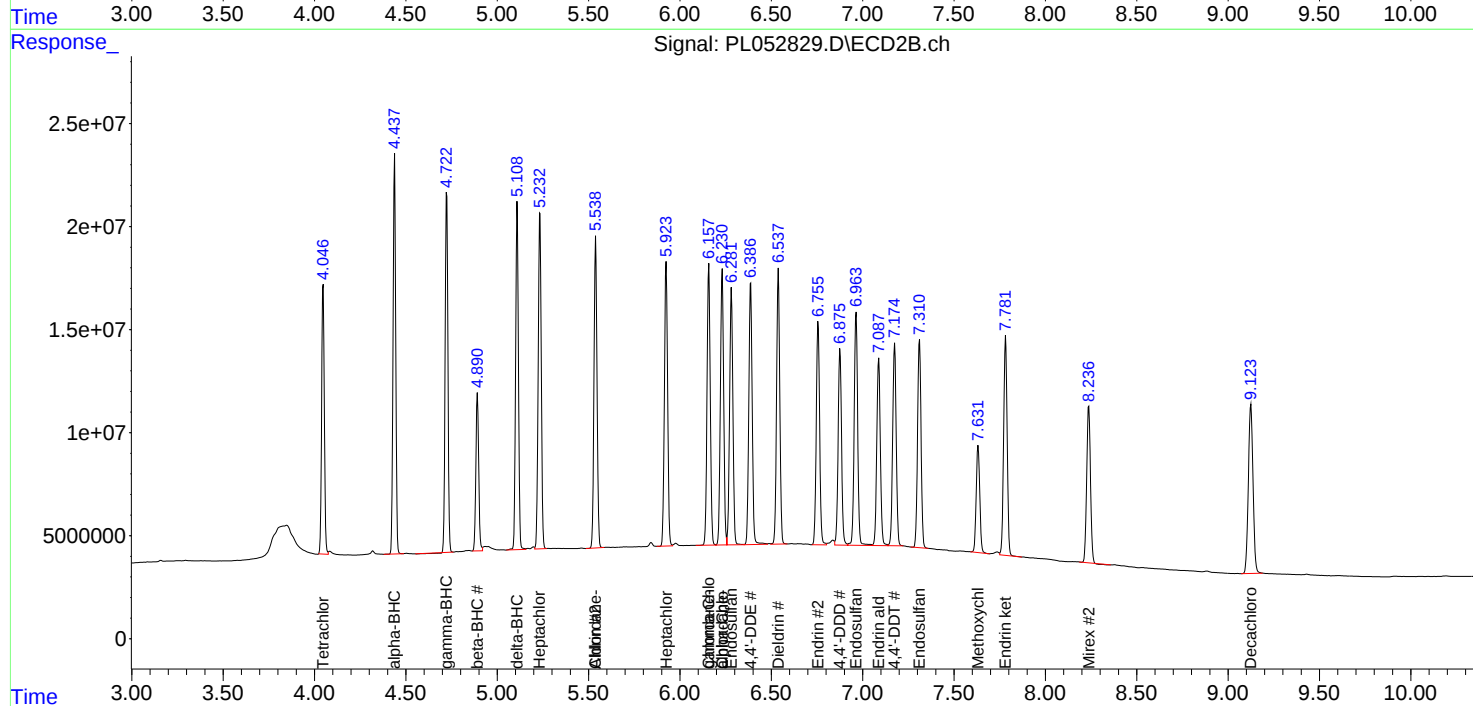
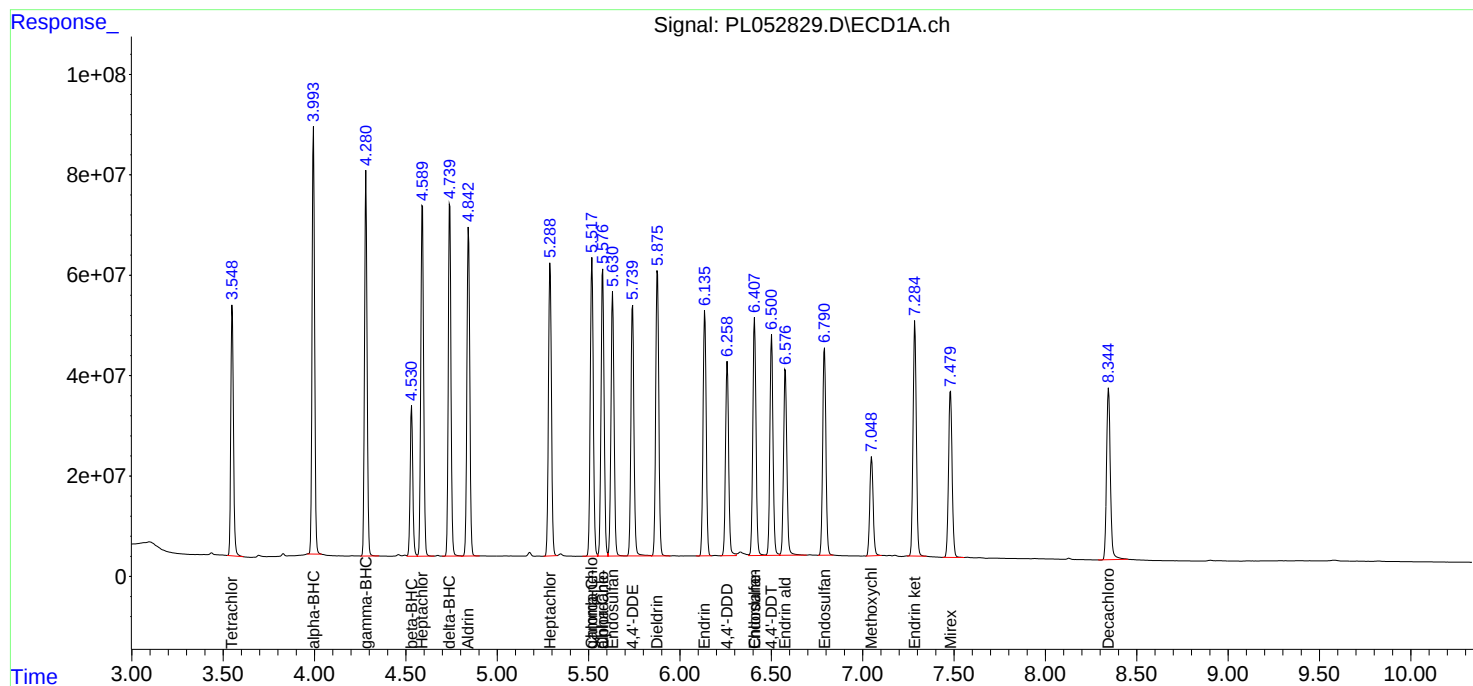
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

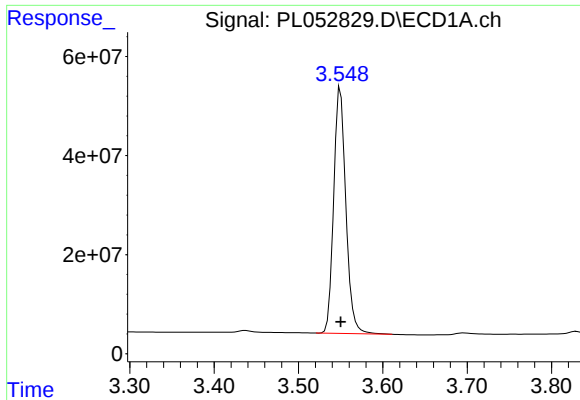
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092919\  
Data File : PL052829.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Sep 2019 01:59  
Operator : SG\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 28 06:28:56 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 28 05:10:31 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

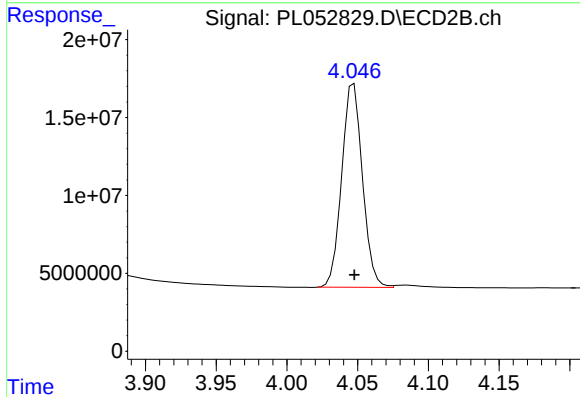




#1 Tetrachloro-m-xylene

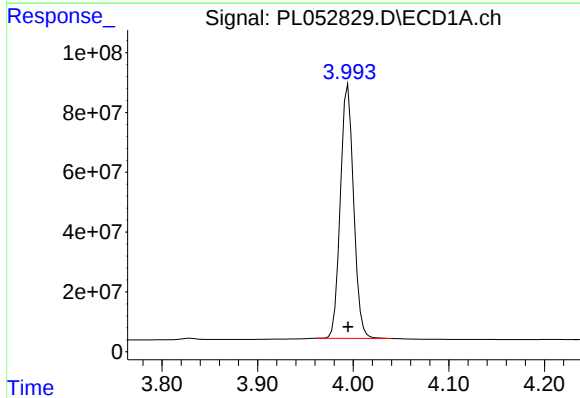
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 498576912  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



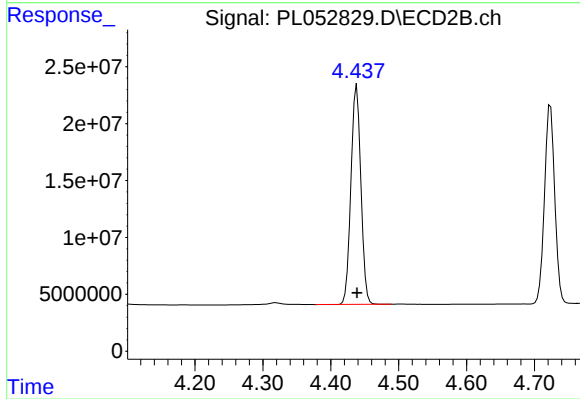
#1 Tetrachloro-m-xylene

R.T.: 4.047 min  
Delta R.T.: 0.000 min  
Response: 133343982  
Conc: 49.66 ng/ml



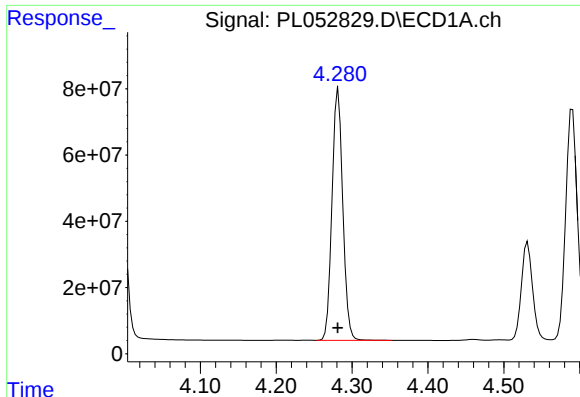
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 818442501  
Conc: 51.31 ng/ml



#2 alpha-BHC

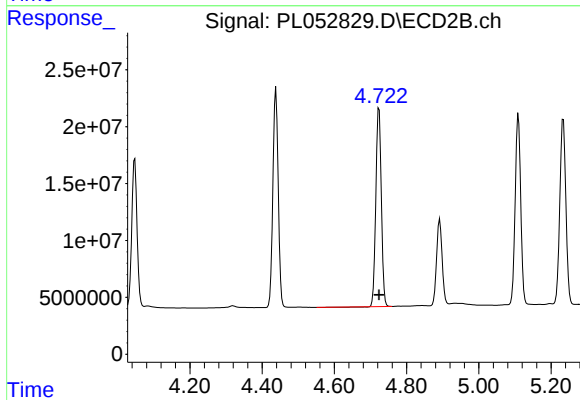
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 195938097  
Conc: 51.02 ng/ml



#3 gamma-BHC (Lindane)

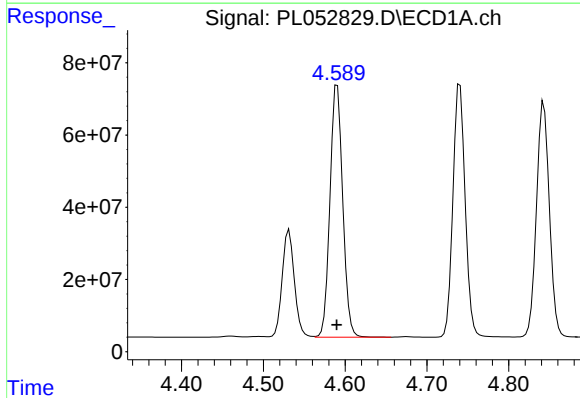
R.T.: 4.282 min  
Delta R.T.: 0.000 min  
Response: 749874009  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



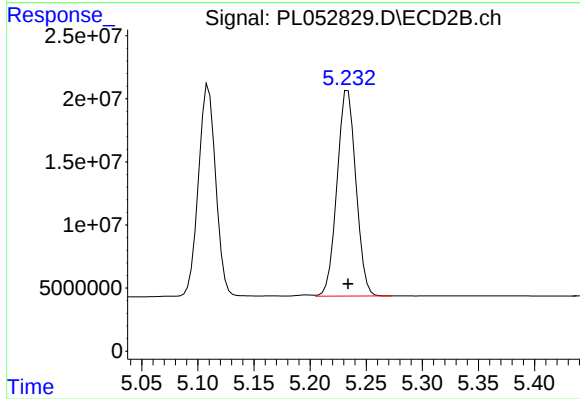
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 182150867  
Conc: 50.30 ng/ml



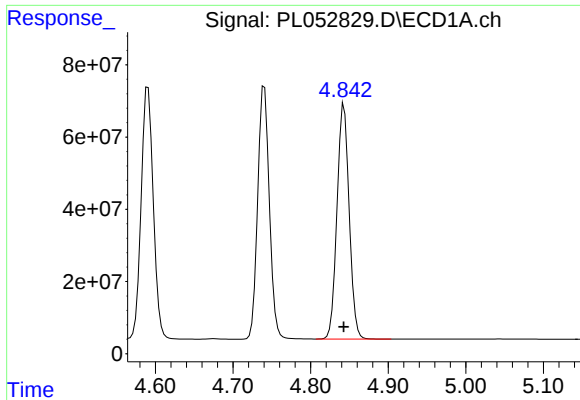
#4 Heptachlor

R.T.: 4.590 min  
Delta R.T.: 0.000 min  
Response: 759111009  
Conc: 50.80 ng/ml



#4 Heptachlor

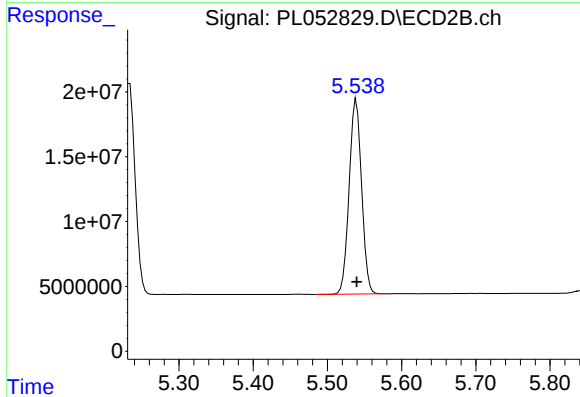
R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 191172722  
Conc: 50.17 ng/ml



#5 Aldrin

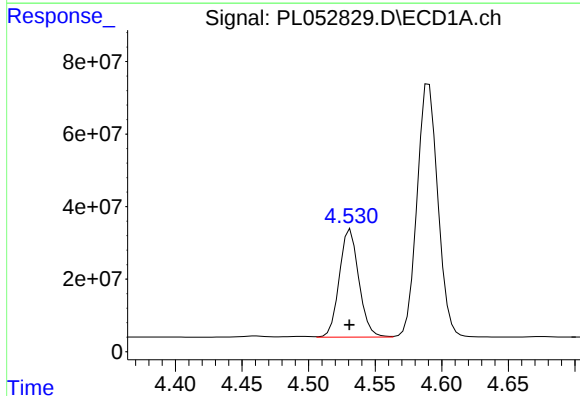
R.T.: 4.843 min  
Delta R.T.: 0.000 min  
Response: 710067303  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



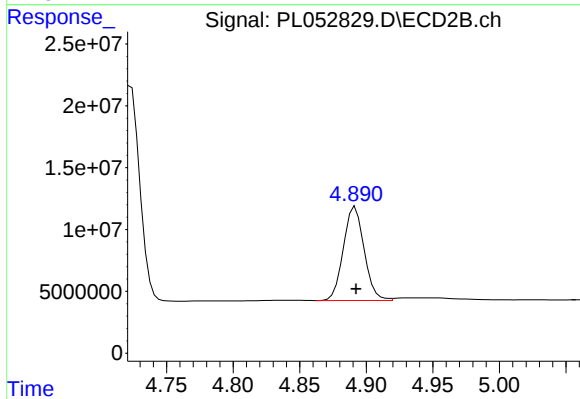
#5 Aldrin

R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 174714954  
Conc: 50.41 ng/ml



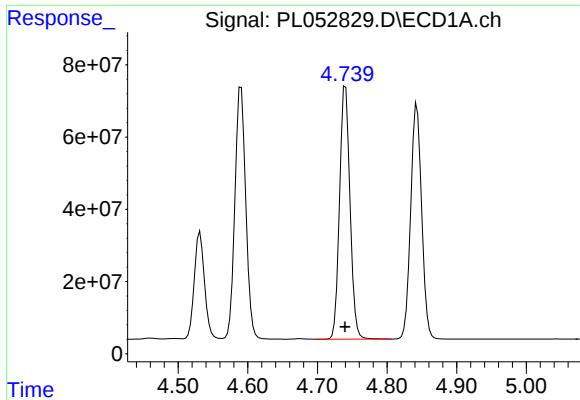
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.000 min  
Response: 304440058  
Conc: 49.04 ng/ml



#6 beta-BHC

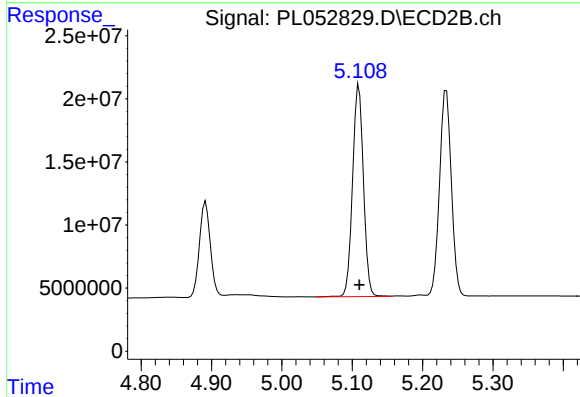
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 82400853  
Conc: 52.42 ng/ml



#7 delta-BHC

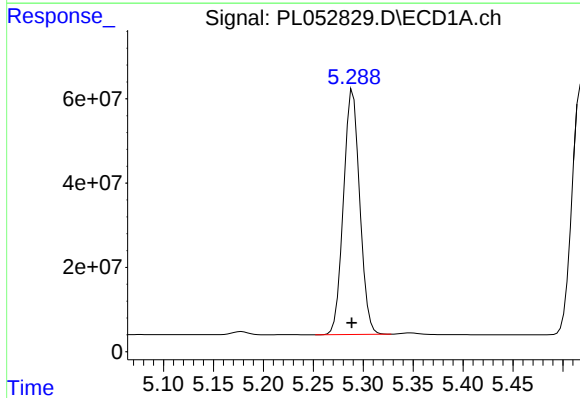
R.T.: 4.740 min  
Delta R.T.: 0.000 min  
Response: 732528663  
Conc: 51.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



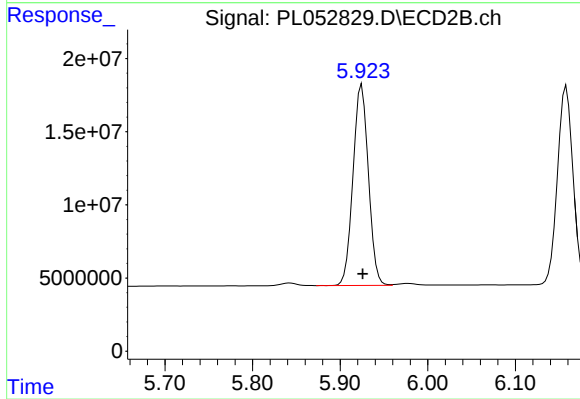
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 180962785  
Conc: 49.99 ng/ml



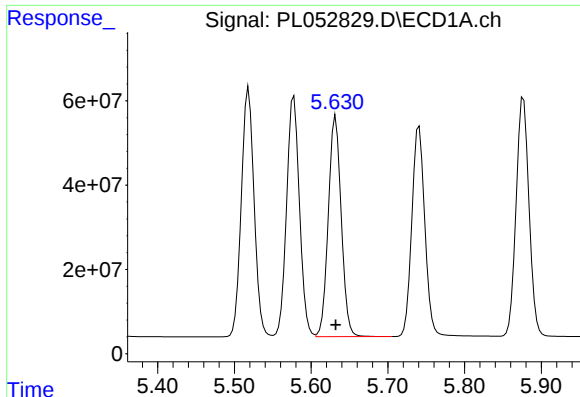
#8 Heptachlor epoxide

R.T.: 5.290 min  
Delta R.T.: 0.001 min  
Response: 657978652  
Conc: 50.49 ng/ml



#8 Heptachlor epoxide

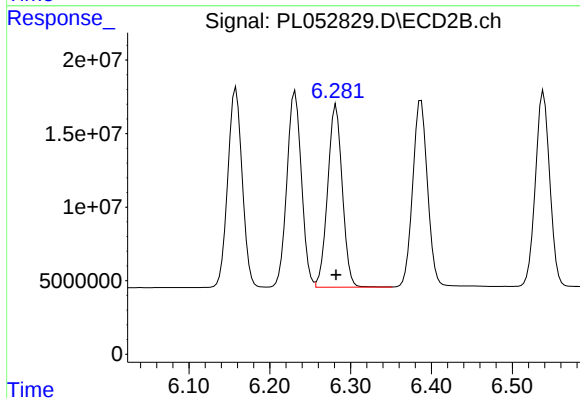
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 167609852  
Conc: 50.01 ng/ml



#9 Endosulfan I

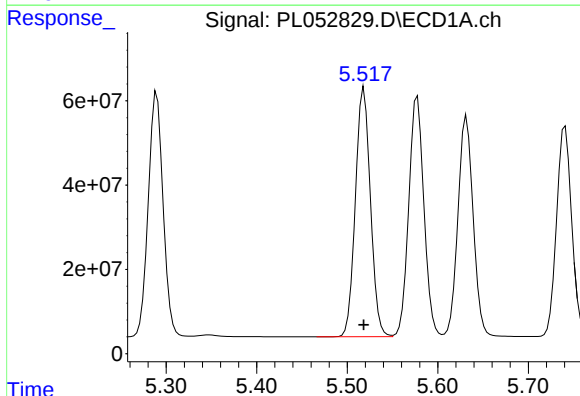
R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 612856177  
Conc: 50.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



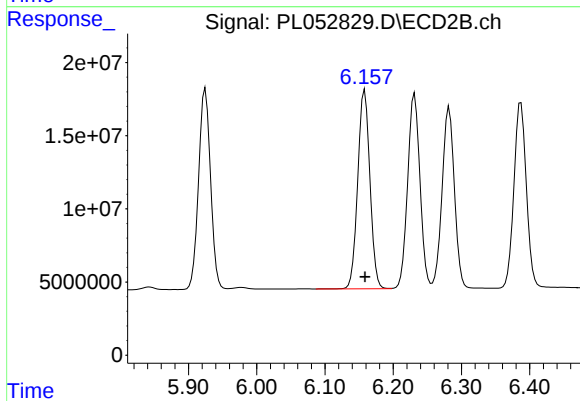
#9 Endosulfan I

R.T.: 6.282 min  
Delta R.T.: 0.000 min  
Response: 156060350  
Conc: 49.93 ng/ml



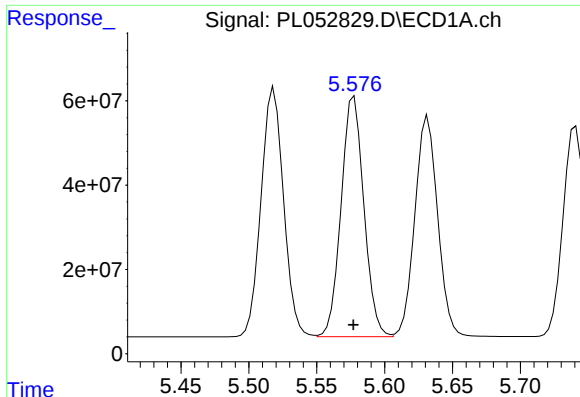
#10 gamma-Chlordane

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 682154347  
Conc: 50.72 ng/ml



#10 gamma-Chlordane

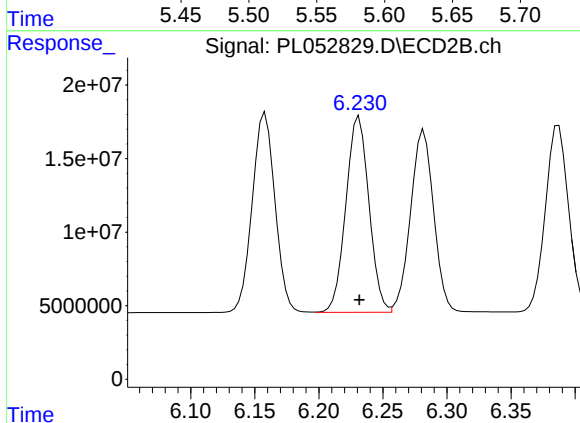
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 168430510  
Conc: 49.79 ng/ml



#11 alpha-Chlordane

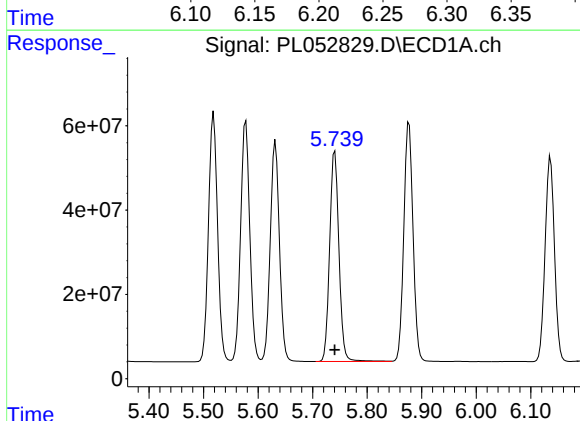
R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 665774396  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



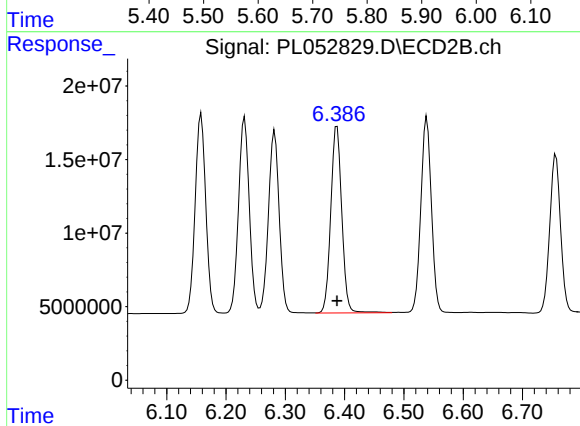
#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 167225323  
Conc: 49.68 ng/ml



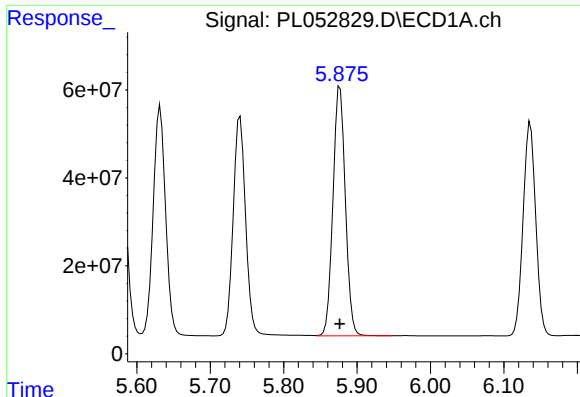
#12 4,4'-DDE

R.T.: 5.741 min  
Delta R.T.: 0.000 min  
Response: 592440196  
Conc: 51.04 ng/ml



#12 4,4'-DDE

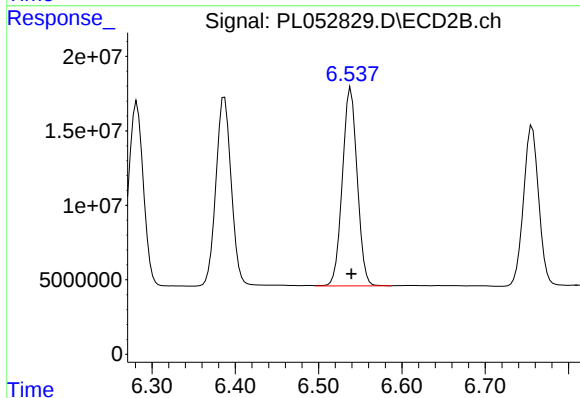
R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 163810226  
Conc: 50.15 ng/ml



#13 Dieldrin

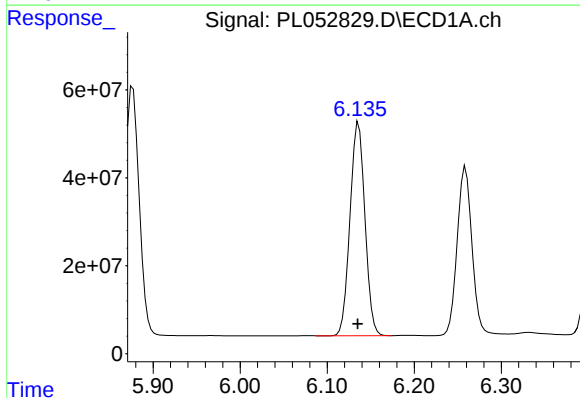
R.T.: 5.877 min  
Delta R.T.: 0.000 min  
Response: 666405666  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



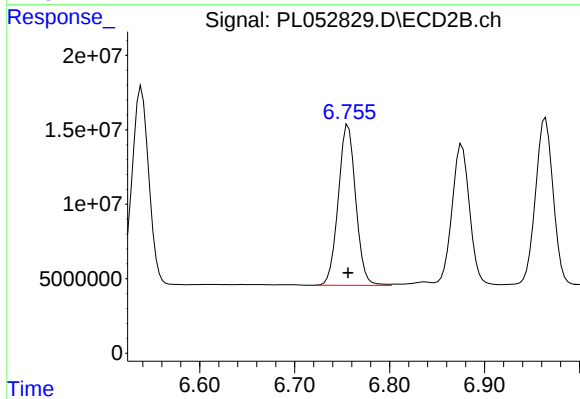
#13 Dieldrin

R.T.: 6.539 min  
Delta R.T.: 0.000 min  
Response: 164213098  
Conc: 50.34 ng/ml



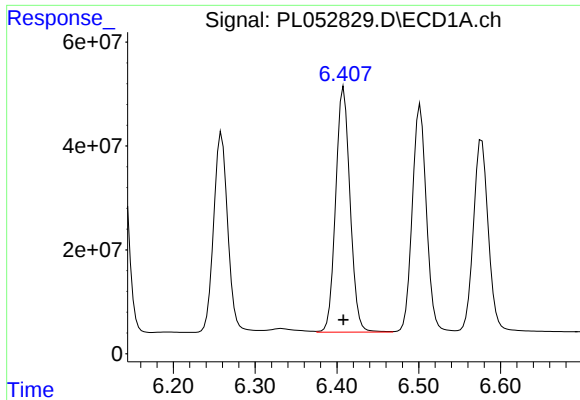
#14 Endrin

R.T.: 6.136 min  
Delta R.T.: 0.001 min  
Response: 579021285  
Conc: 50.83 ng/ml



#14 Endrin

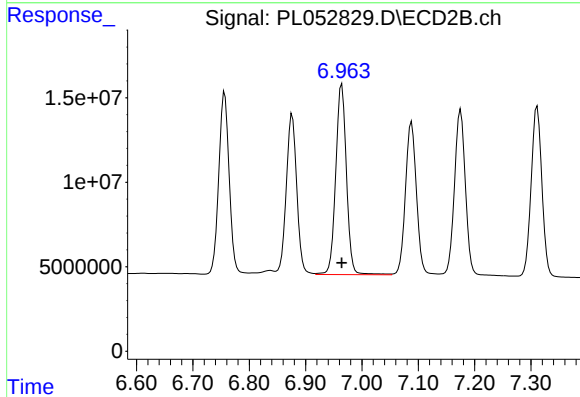
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 137974844  
Conc: 49.69 ng/ml



#15 Endosulfan II

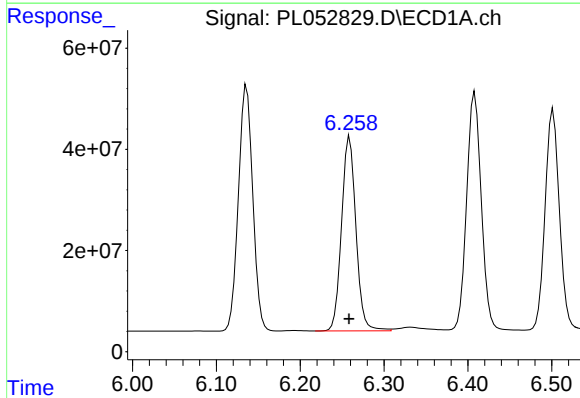
R.T.: 6.408 min  
Delta R.T.: 0.000 min  
Response: 576273092  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



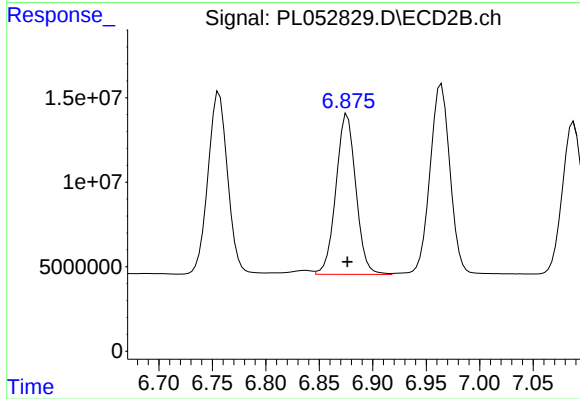
#15 Endosulfan II

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 149121539  
Conc: 50.26 ng/ml



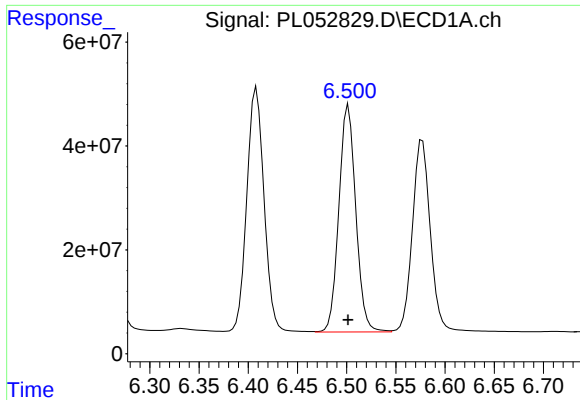
#16 4,4'-DDD

R.T.: 6.259 min  
Delta R.T.: 0.000 min  
Response: 458857862  
Conc: 51.05 ng/ml



#16 4,4'-DDD

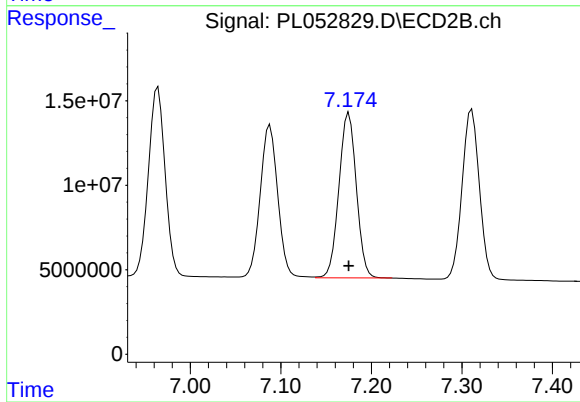
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 123124401  
Conc: 50.20 ng/ml



#17 4,4'-DDT

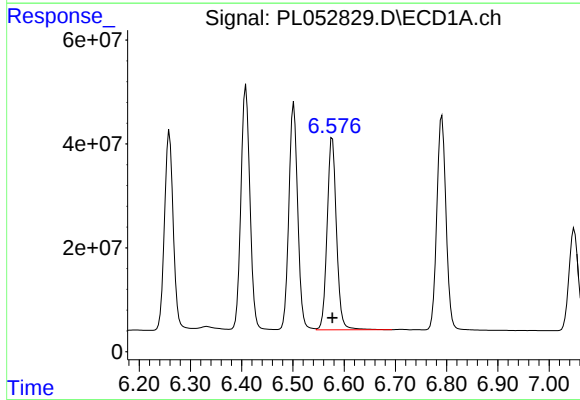
R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 523292724  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



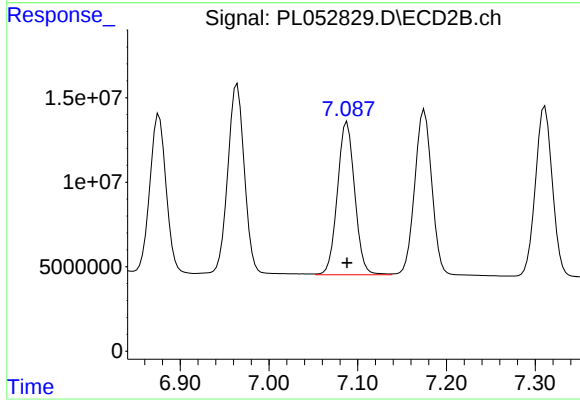
#17 4,4'-DDT

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 130771045  
Conc: 50.25 ng/ml



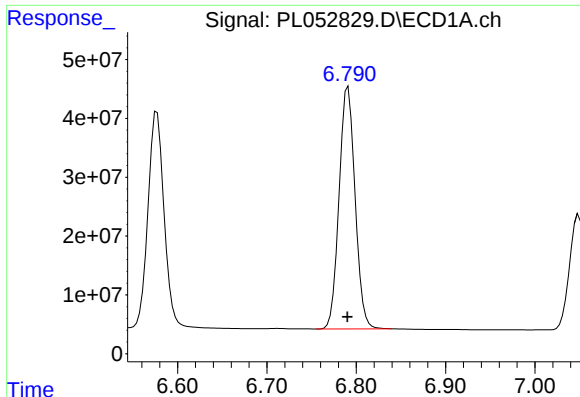
#18 Endrin aldehyde

R.T.: 6.577 min  
Delta R.T.: 0.000 min  
Response: 470952886  
Conc: 50.15 ng/ml



#18 Endrin aldehyde

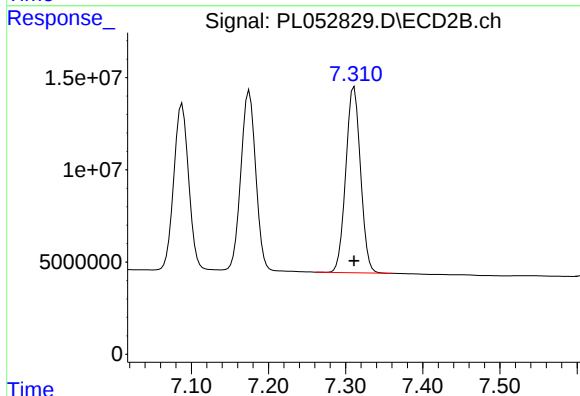
R.T.: 7.088 min  
Delta R.T.: 0.000 min  
Response: 122558881  
Conc: 49.97 ng/ml



#19 Endosulfan Sulfate

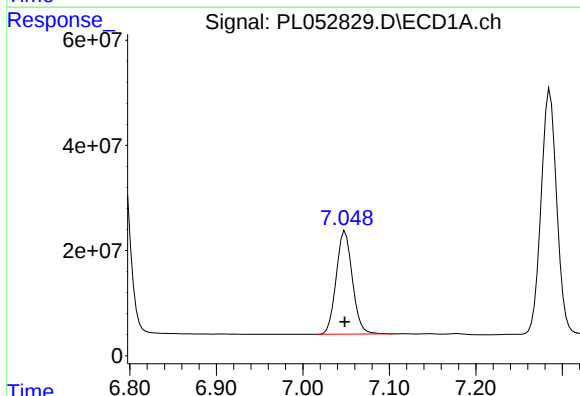
R.T.: 6.791 min  
Delta R.T.: 0.000 min  
Response: 511081392  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



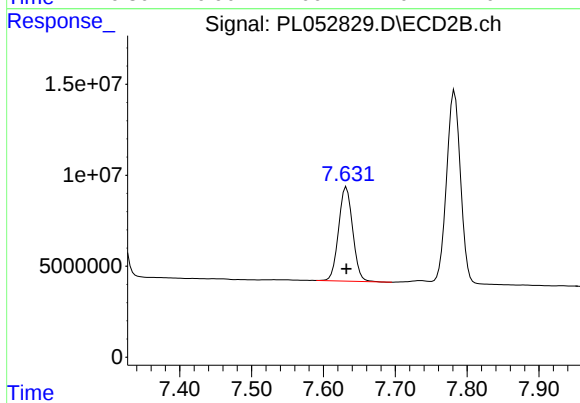
#19 Endosulfan Sulfate

R.T.: 7.311 min  
Delta R.T.: 0.000 min  
Response: 133256798  
Conc: 48.80 ng/ml



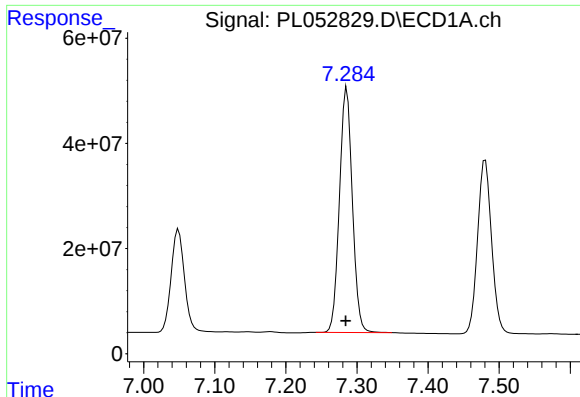
#20 Methoxychlor

R.T.: 7.049 min  
Delta R.T.: 0.000 min  
Response: 253751904  
Conc: 49.19 ng/ml



#20 Methoxychlor

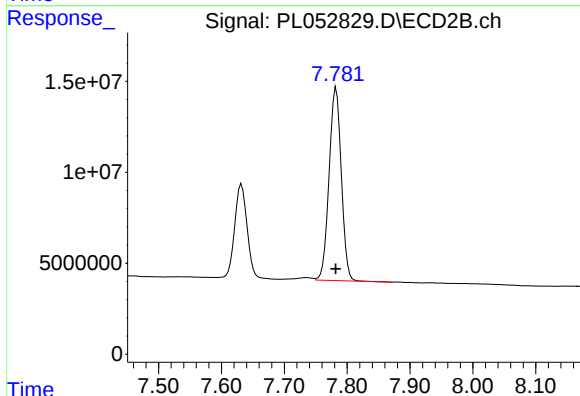
R.T.: 7.632 min  
Delta R.T.: 0.000 min  
Response: 70432447  
Conc: 50.03 ng/ml



#21 Endrin ketone

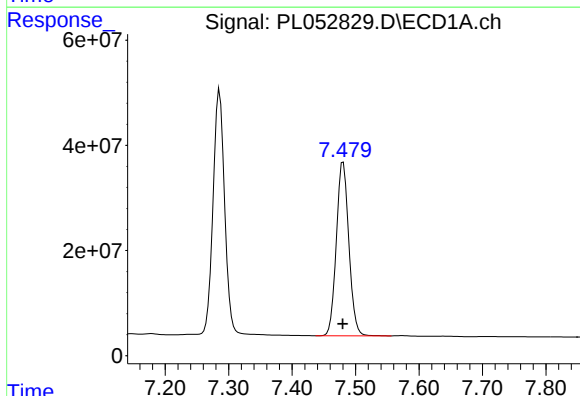
R.T.: 7.286 min  
Delta R.T.: 0.002 min  
Response: 586367271  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



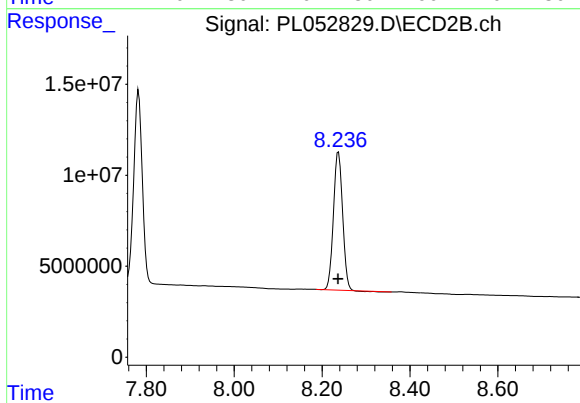
#21 Endrin ketone

R.T.: 7.782 min  
Delta R.T.: 0.000 min  
Response: 142954150  
Conc: 50.11 ng/ml



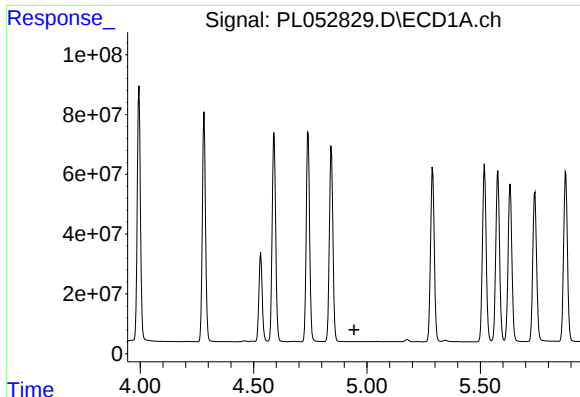
#22 Mirex

R.T.: 7.481 min  
Delta R.T.: 0.000 min  
Response: 452824553  
Conc: 47.95 ng/ml



#22 Mirex

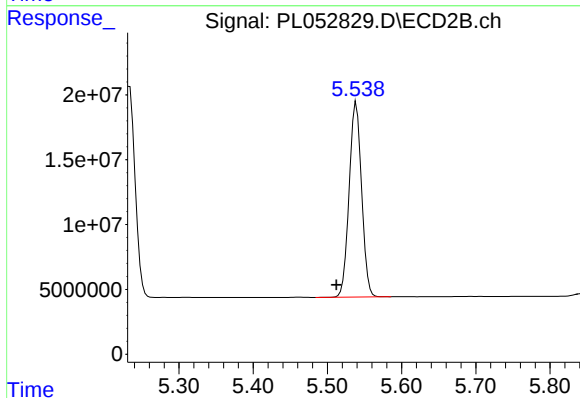
R.T.: 8.237 min  
Delta R.T.: 0.000 min  
Response: 109750459  
Conc: 48.79 ng/ml



#24 Chlordane-2

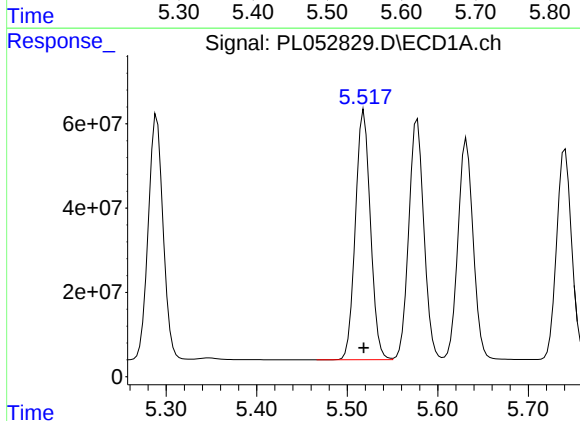
R.T.: 0.000 min  
Exp R.T.: 4.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



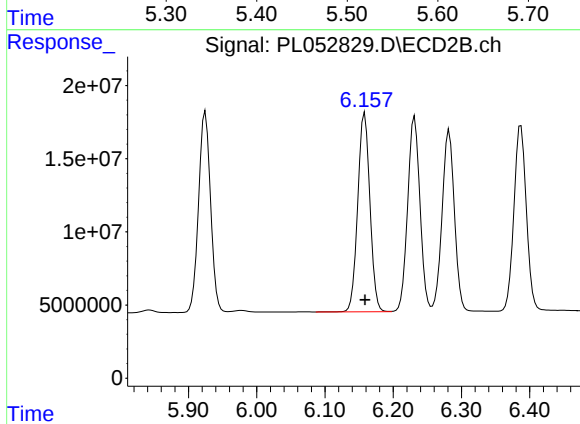
#24 Chlordane-2

R.T.: 5.539 min  
Delta R.T.: 0.027 min  
Response: 174714954  
Conc: 1561.04 ng/ml



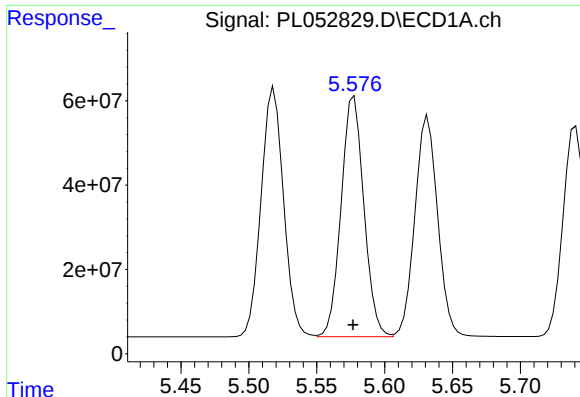
#25 Chlordane-3

R.T.: 5.519 min  
Delta R.T.: 0.000 min  
Response: 682154347  
Conc: 588.72 ng/ml



#25 Chlordane-3

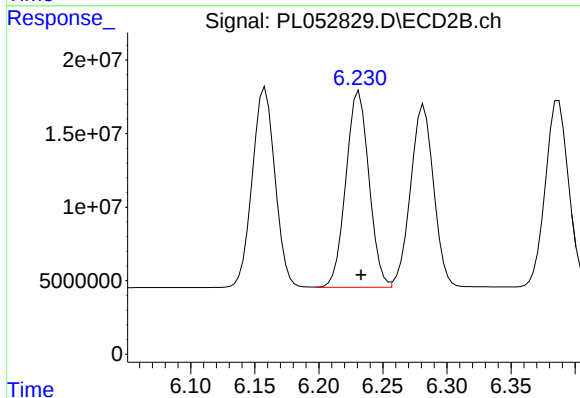
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 168430510  
Conc: 386.74 ng/ml



#26 Chlordane-4

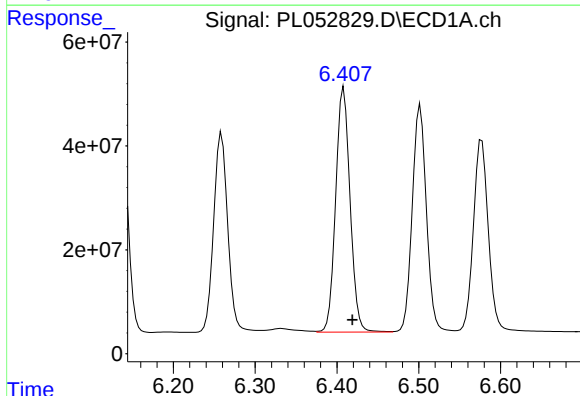
R.T.: 5.577 min  
Delta R.T.: 0.000 min  
Response: 665774396  
Conc: 697.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



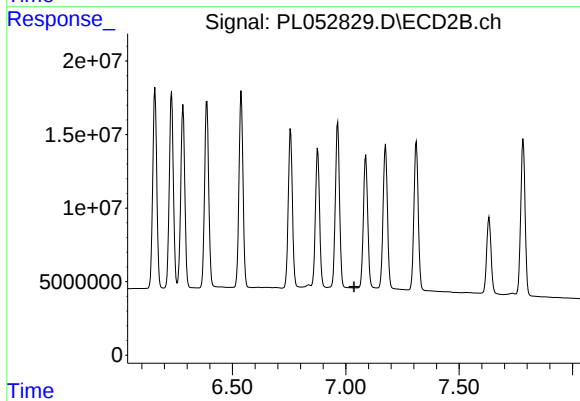
#26 Chlordane-4

R.T.: 6.231 min  
Delta R.T.: -0.002 min  
Response: 167225323  
Conc: 314.93 ng/ml



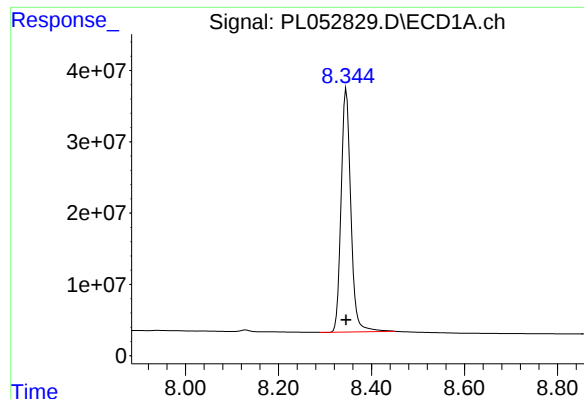
#27 Chlordane-5

R.T.: 6.408 min  
Delta R.T.: -0.011 min  
Response: 576273092  
Conc: 1461.01 ng/ml



#27 Chlordane-5

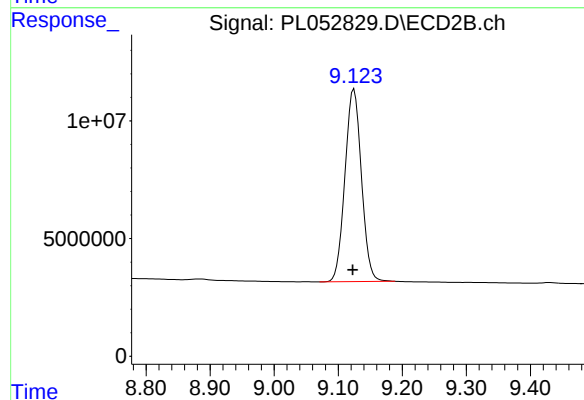
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.346 min  
Delta R.T.: 0.000 min  
Response: 496816035  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL092919



#28 Decachlorobiphenyl

R.T.: 9.125 min  
Delta R.T.: 0.002 min  
Response: 146099600  
Conc: 49.80 ng/ml