

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060920\  
 Data File : PL059221.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jun 2020 20:59  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 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: Jun 10 02:00:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 2020  
 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... | 3.520 | 4.072  | 91020044 | 131.3E6  | 52.709   | 50.451     |
| 28)                         | SA Decachlor... | 8.294 | 9.183  | 83128351 | 113.0E6  | 50.553   | 47.677     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.962 | 4.465  | 135.3E6  | 192.2E6  | 54.033   | 49.994     |
| 3)                          | MA gamma-BHC... | 4.247 | 4.752  | 117.2E6  | 180.9E6  | 53.464   | 49.563     |
| 4)                          | MA Heptachlor   | 4.553 | 5.266  | 106.8E6  | 167.4E6  | 51.322   | 48.551     |
| 5)                          | MB Aldrin       | 4.803 | 5.575  | 93416536 | 154.0E6  | 52.450   | 48.941     |
| 6)                          | B beta-BHC      | 4.496 | 4.920  | 48196249 | 75790374 | 50.722   | 50.119     |
| 7)                          | B delta-BHC     | 4.703 | 5.141  | 106.3E6  | 170.3E6  | 53.423   | 60.705     |
| 8)                          | B Heptachlo...  | 5.247 | 5.962  | 89069900 | 147.0E6  | 52.144   | 53.073     |
| 9)                          | A Endosulfan I  | 5.587 | 6.321  | 80404169 | 133.7E6  | 51.402   | 47.767     |
| 10)                         | B gamma-Chl...  | 5.475 | 6.197  | 86593264 | 146.5E6  | 51.714   | 48.947     |
| 11)                         | B alpha-Chl...  | 5.534 | 6.270  | 85913700 | 145.4E6  | 51.500   | 47.829     |
| 12)                         | B 4,4'-DDE      | 5.697 | 6.425  | 79793987 | 133.0E6  | 52.472   | 47.771     |
| 13)                         | MA Dieldrin     | 5.831 | 6.579  | 83498258 | 138.0E6  | 51.232   | 47.255     |
| 14)                         | MA Endrin       | 6.089 | 6.798  | 70372964 | 106.8E6  | 46.446   | 42.878     |
| 15)                         | B Endosulfa...  | 6.361 | 7.006  | 77536686 | 122.1E6  | 50.166   | 46.881     |
| 16)                         | A 4,4'-DDD      | 6.213 | 6.915  | 69869653 | 112.8E6  | 52.852   | 48.598     |
| 17)                         | MA 4,4'-DDT     | 6.455 | 7.216  | 62231876 | 101.4E6  | 49.334   | 44.523     |
| 18)                         | B Endrin al...  | 6.529 | 7.130  | 66257975 | 107.1E6  | 50.321   | 46.849     |
| 19)                         | B Endosulfa...  | 6.742 | 7.353  | 75645456 | 117.2E6  | 50.777   | 46.764     |
| 20)                         | A Methoxychlor  | 7.001 | 7.673  | 37065427 | 58166629 | 48.254   | 44.111     |
| 21)                         | B Endrin ke...  | 7.234 | 7.827  | 90840375 | 129.6E6  | 52.316   | 49.406     |
| 22)                         | Mirex           | 7.428 | 8.284  | 68043271 | 93625833 | 49.301   | 47.460     |
| 23)                         | Chlordane-1     | 4.395 | 0.000  | 630274   | 0        | 12.530   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.575f | 0        | 154.0E6  | N.D.     | 1614.357 # |
| 25)                         | Chlordane-3     | 5.475 | 6.197  | 86593264 | 146.5E6  | 586.008  | 390.557 #  |
| 26)                         | Chlordane-4     | 5.534 | 6.270  | 85913700 | 145.4E6  | 716.173  | 319.455 #  |
| 27)                         | Chlordane-5     | 6.361 | 0.000  | 77536686 | 0        | 1558.114 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

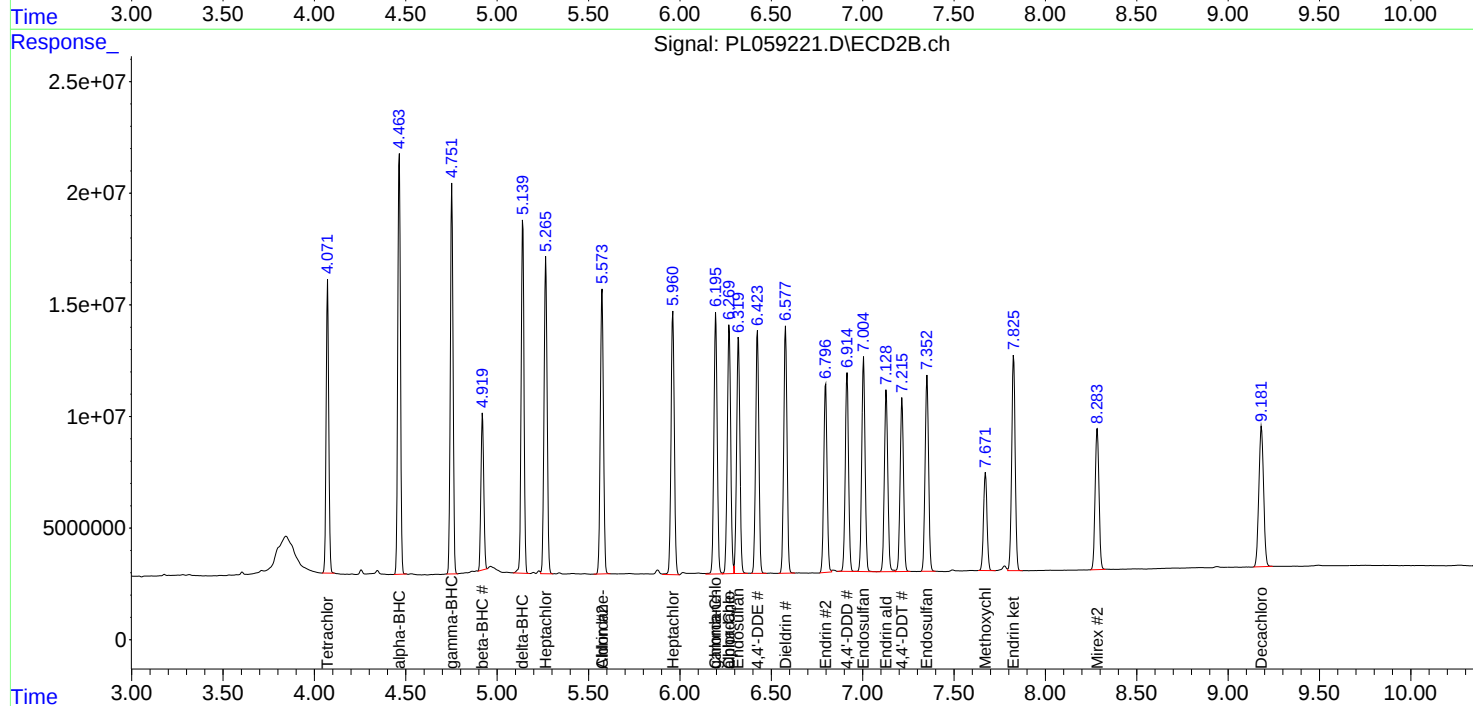
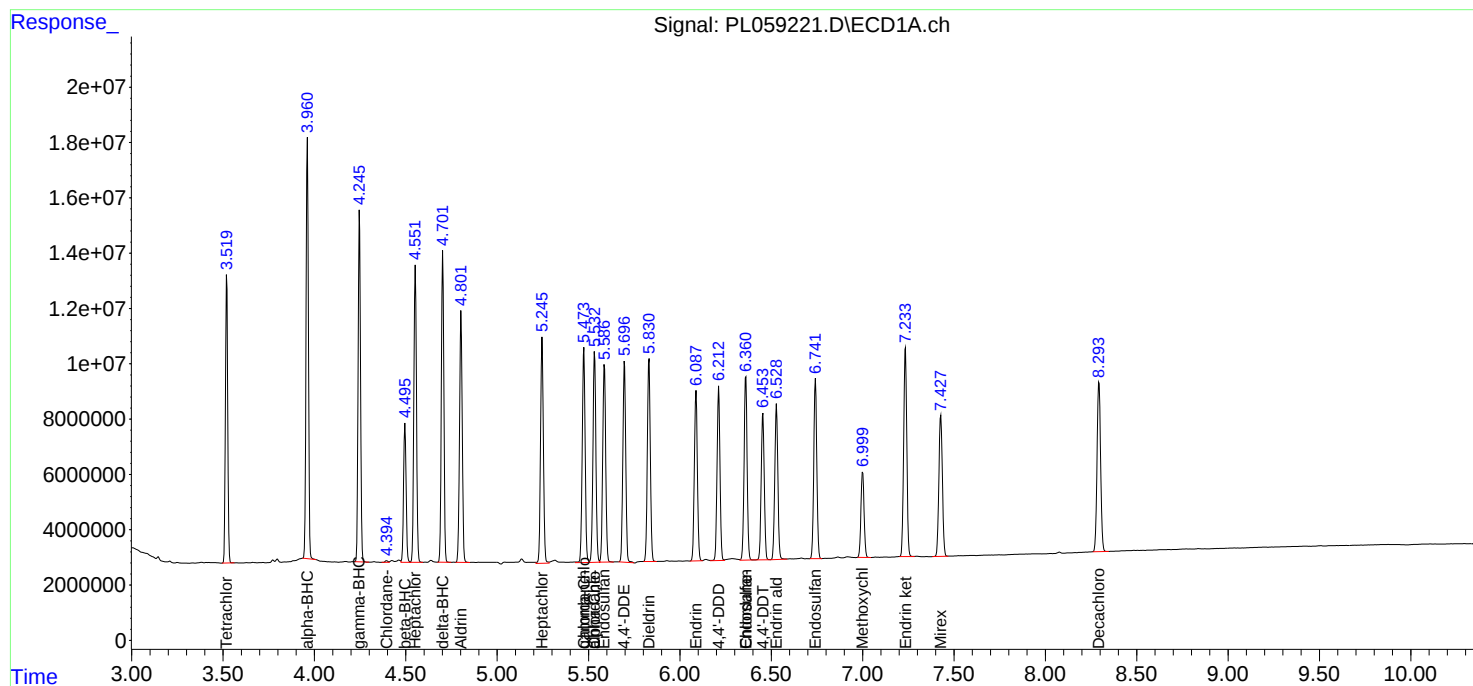
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

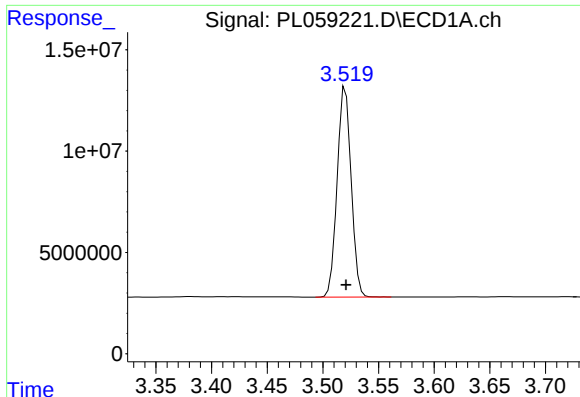
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060920\  
Data File : PL059221.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jun 2020 20:59  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 10 02:00:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 2020  
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

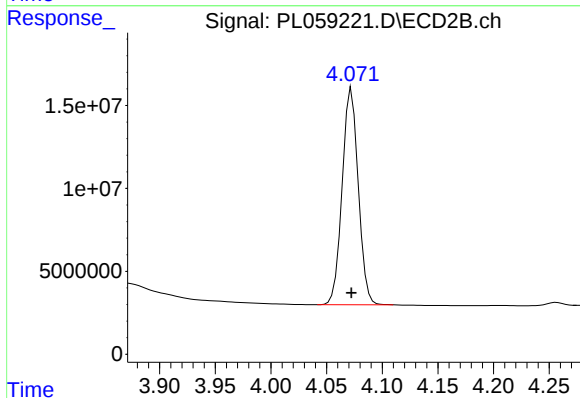




#1 Tetrachloro-m-xylene

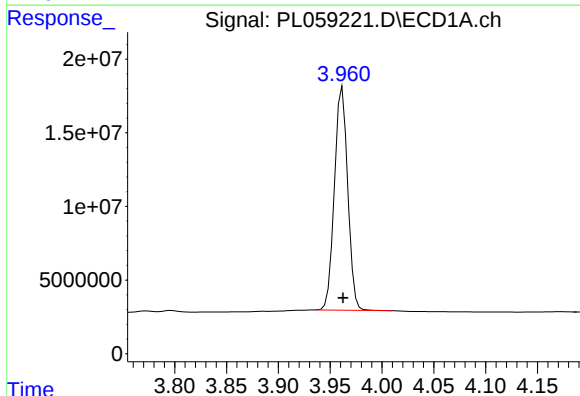
R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 91020044  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



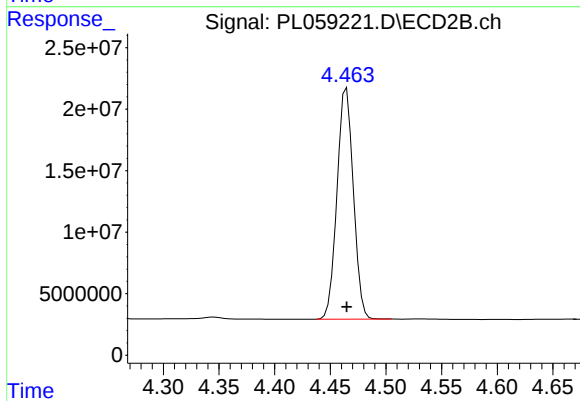
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 131268934  
Conc: 50.45 ng/ml



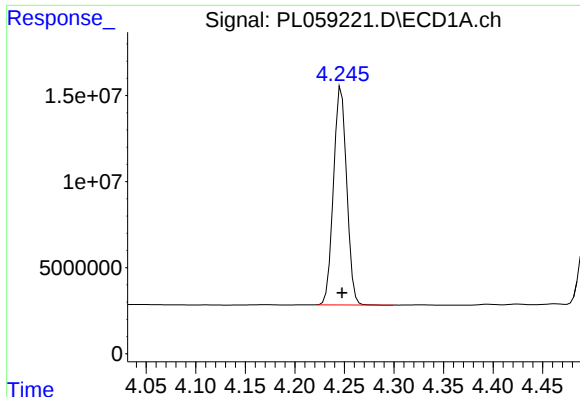
#2 alpha-BHC

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 135263886  
Conc: 54.03 ng/ml



#2 alpha-BHC

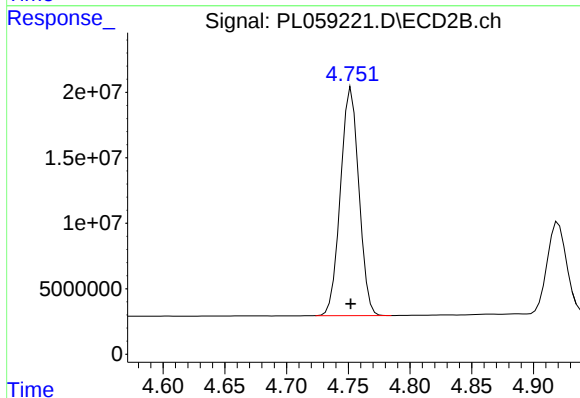
R.T.: 4.465 min  
Delta R.T.: 0.000 min  
Response: 192158324  
Conc: 49.99 ng/ml



#3 gamma-BHC (Lindane)

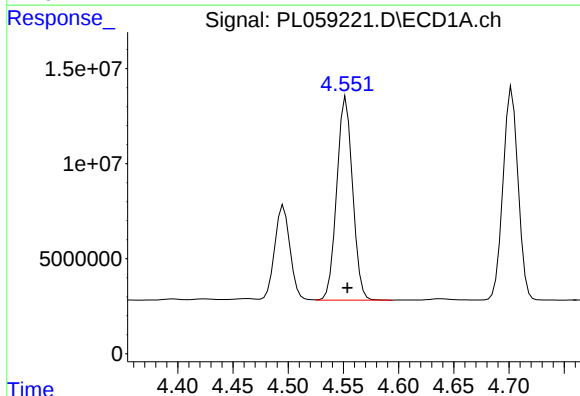
R.T.: 4.247 min  
Delta R.T.: 0.000 min  
Response: 117249600  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



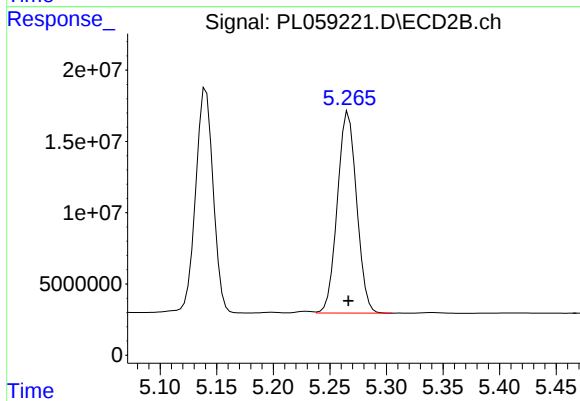
#3 gamma-BHC (Lindane)

R.T.: 4.752 min  
Delta R.T.: 0.000 min  
Response: 180866751  
Conc: 49.56 ng/ml



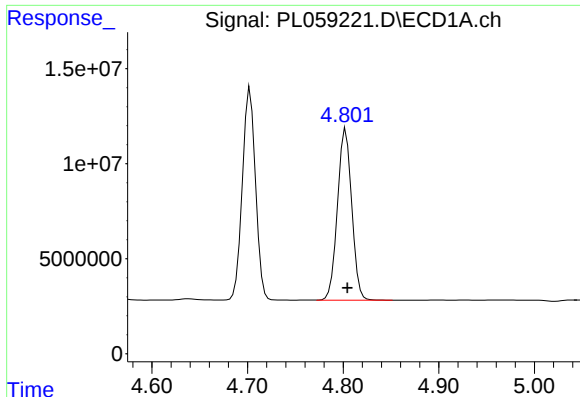
#4 Heptachlor

R.T.: 4.553 min  
Delta R.T.: -0.001 min  
Response: 106783315  
Conc: 51.32 ng/ml



#4 Heptachlor

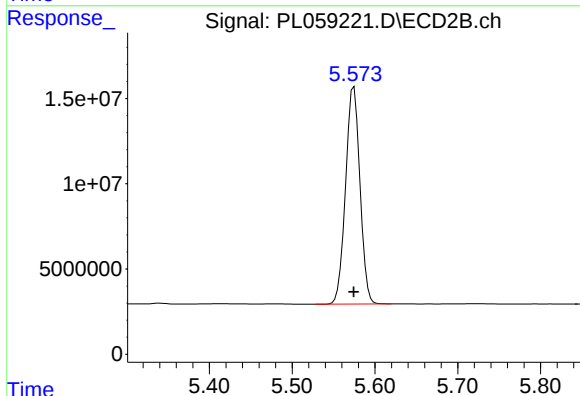
R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 167390574  
Conc: 48.55 ng/ml



#5 Aldrin

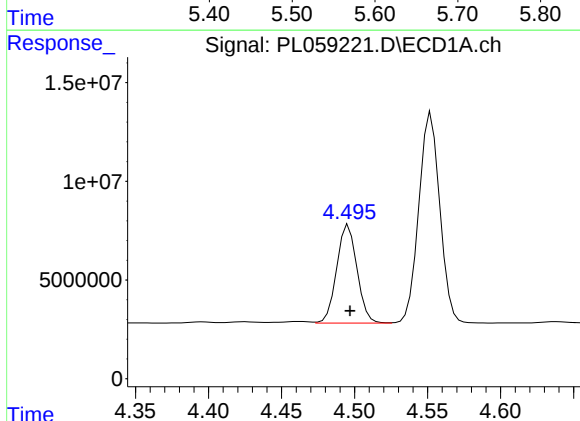
R.T.: 4.803 min  
Delta R.T.: -0.002 min  
Response: 93416536  
Conc: 52.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



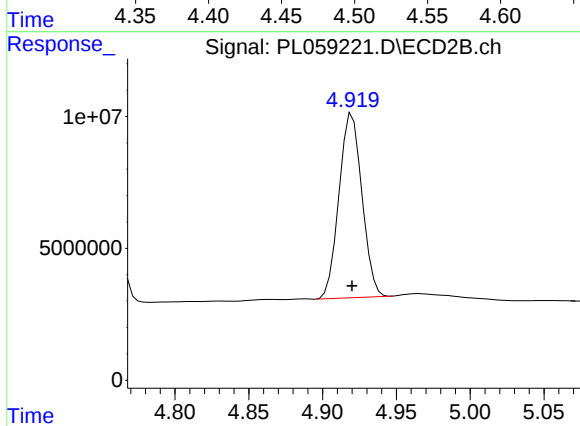
#5 Aldrin

R.T.: 5.575 min  
Delta R.T.: 0.000 min  
Response: 154025740  
Conc: 48.94 ng/ml



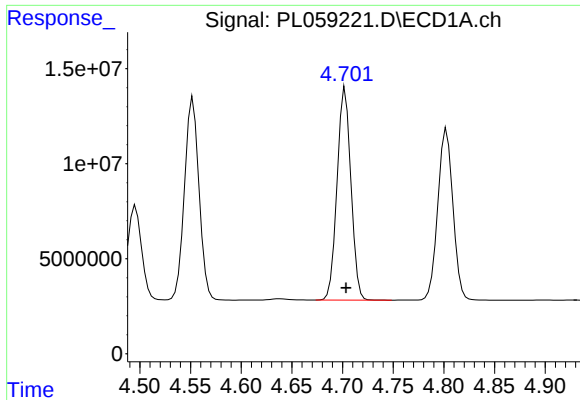
#6 beta-BHC

R.T.: 4.496 min  
Delta R.T.: -0.001 min  
Response: 48196249  
Conc: 50.72 ng/ml



#6 beta-BHC

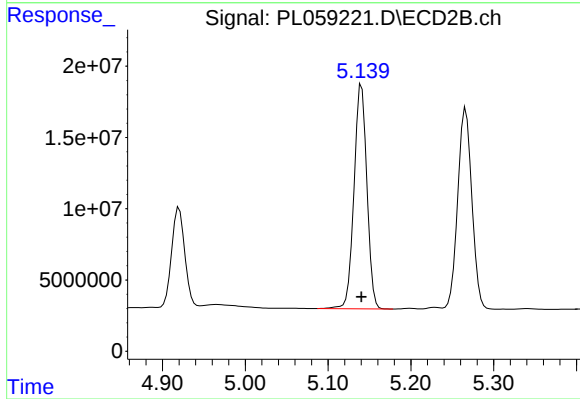
R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 75790374  
Conc: 50.12 ng/ml



#7 delta-BHC

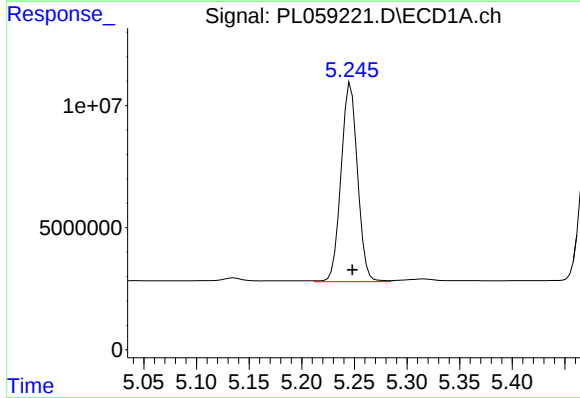
R.T.: 4.703 min  
Delta R.T.: 0.000 min  
Response: 106318577  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



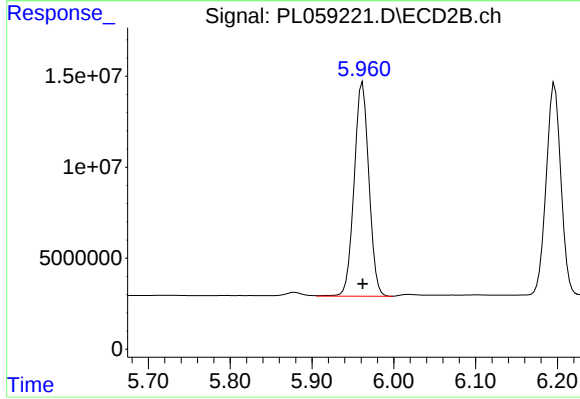
#7 delta-BHC

R.T.: 5.141 min  
Delta R.T.: 0.000 min  
Response: 170288791  
Conc: 60.71 ng/ml



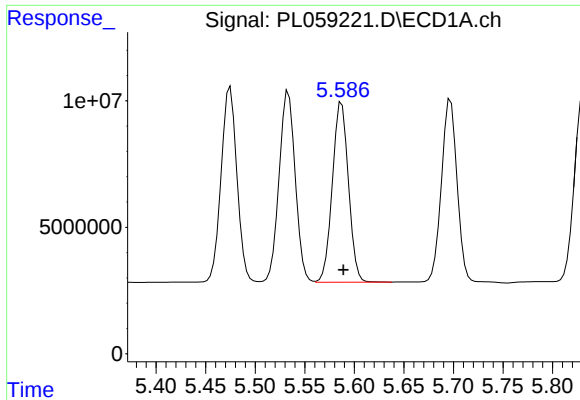
#8 Heptachlor epoxide

R.T.: 5.247 min  
Delta R.T.: -0.002 min  
Response: 89069900  
Conc: 52.14 ng/ml



#8 Heptachlor epoxide

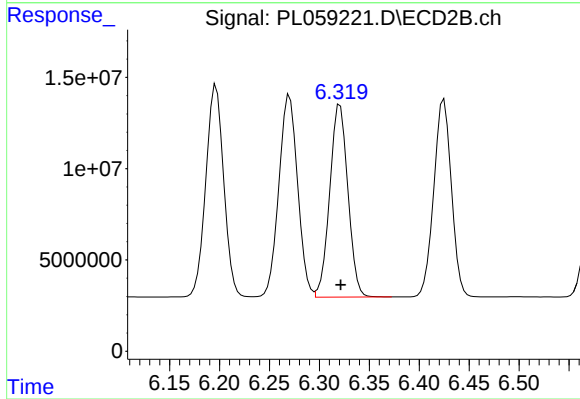
R.T.: 5.962 min  
Delta R.T.: 0.000 min  
Response: 147012112  
Conc: 53.07 ng/ml



#9 Endosulfan I

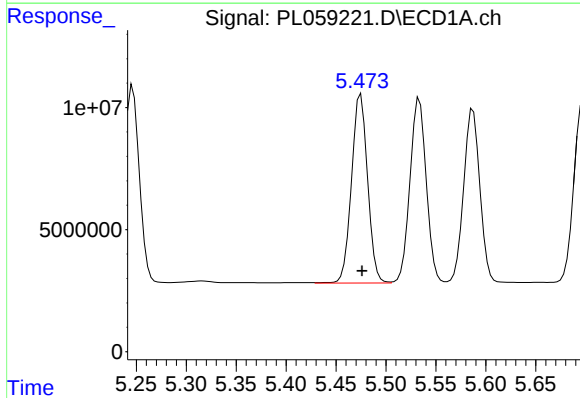
R.T.: 5.587 min  
Delta R.T.: -0.002 min  
Response: 80404169  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



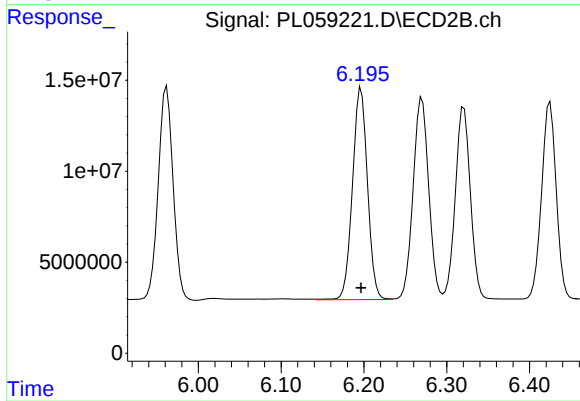
#9 Endosulfan I

R.T.: 6.321 min  
Delta R.T.: 0.000 min  
Response: 133665048  
Conc: 47.77 ng/ml



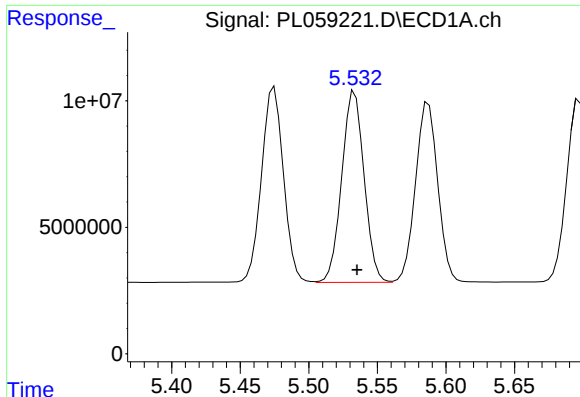
#10 gamma-Chlordane

R.T.: 5.475 min  
Delta R.T.: -0.001 min  
Response: 86593264  
Conc: 51.71 ng/ml



#10 gamma-Chlordane

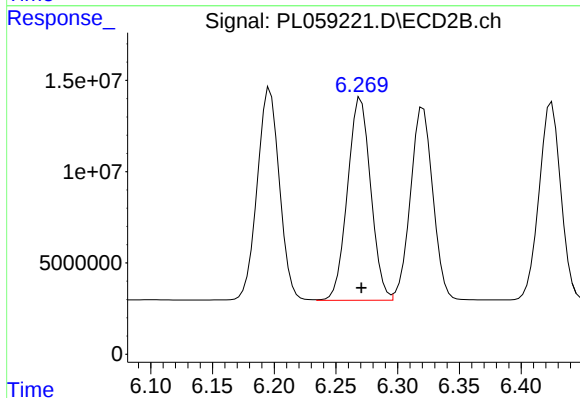
R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 146455078  
Conc: 48.95 ng/ml



#11 alpha-Chlordane

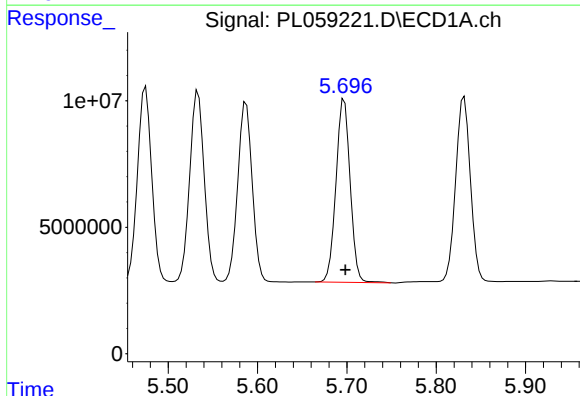
R.T.: 5.534 min  
Delta R.T.: -0.001 min  
Response: 85913700  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



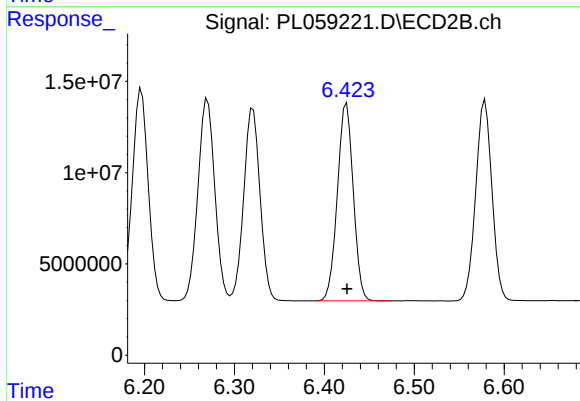
#11 alpha-Chlordane

R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 145366858  
Conc: 47.83 ng/ml



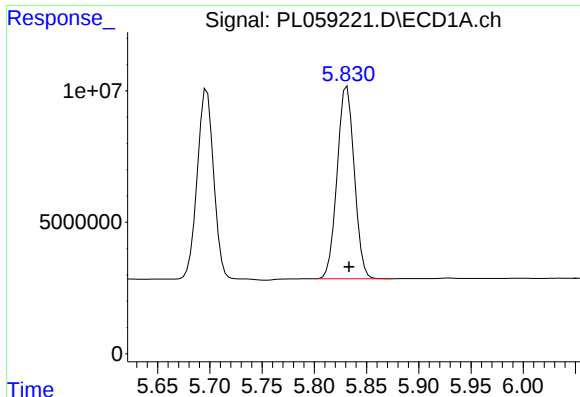
#12 4,4'-DDE

R.T.: 5.697 min  
Delta R.T.: -0.001 min  
Response: 79793987  
Conc: 52.47 ng/ml



#12 4,4'-DDE

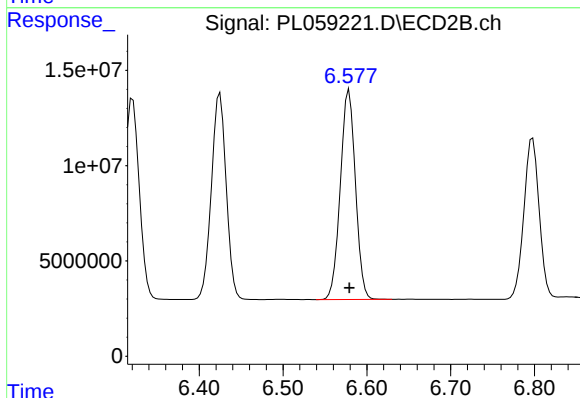
R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 132974580  
Conc: 47.77 ng/ml



#13 Dieldrin

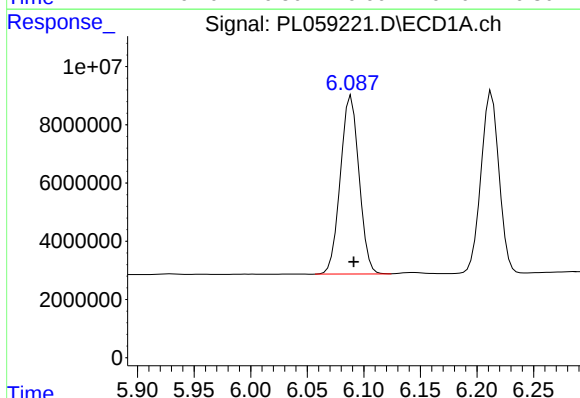
R.T.: 5.831 min  
Delta R.T.: -0.002 min  
Response: 83498258  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



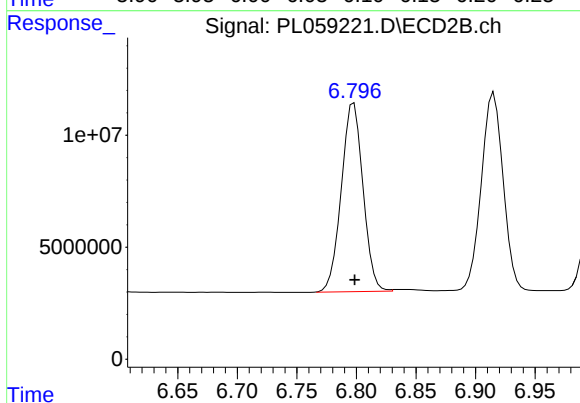
#13 Dieldrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 137961818  
Conc: 47.26 ng/ml



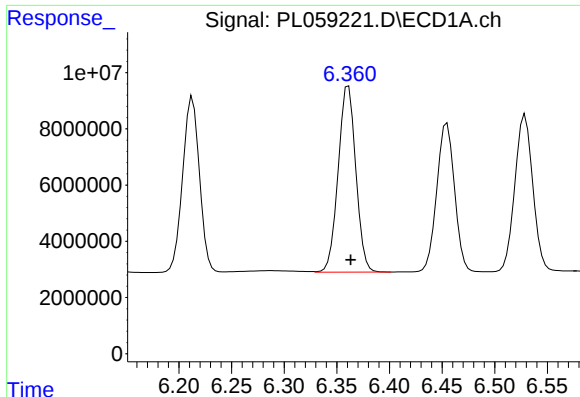
#14 Endrin

R.T.: 6.089 min  
Delta R.T.: -0.002 min  
Response: 70372964  
Conc: 46.45 ng/ml



#14 Endrin

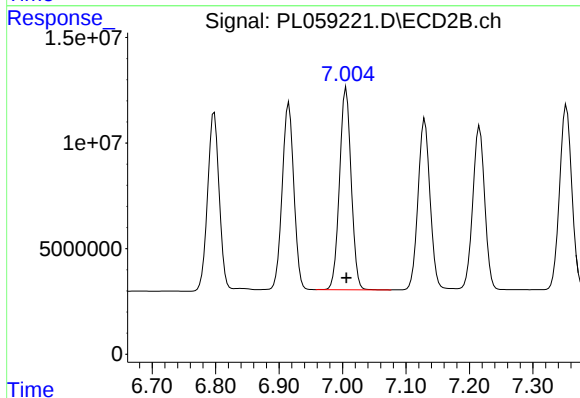
R.T.: 6.798 min  
Delta R.T.: 0.000 min  
Response: 106781396  
Conc: 42.88 ng/ml



#15 Endosulfan II

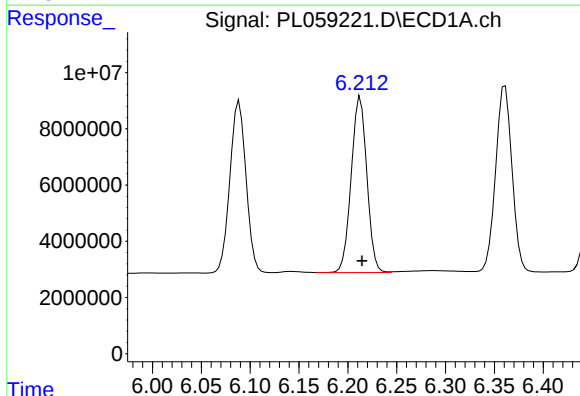
R.T.: 6.361 min  
Delta R.T.: -0.002 min  
Response: 77536686  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



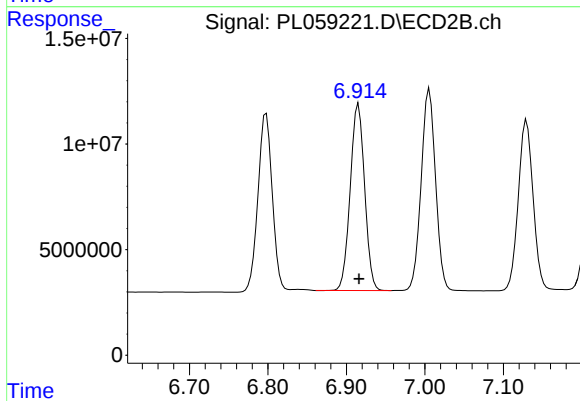
#15 Endosulfan II

R.T.: 7.006 min  
Delta R.T.: 0.000 min  
Response: 122123372  
Conc: 46.88 ng/ml



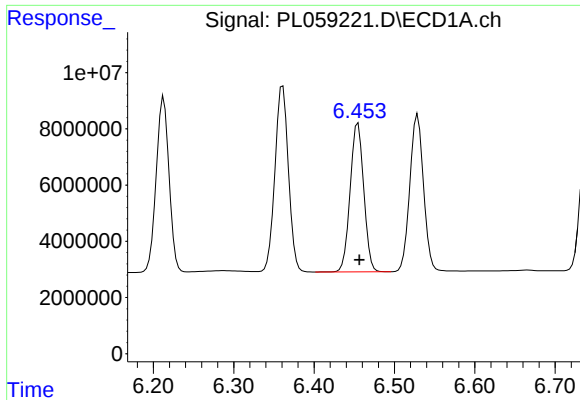
#16 4,4'-DDD

R.T.: 6.213 min  
Delta R.T.: -0.002 min  
Response: 69869653  
Conc: 52.85 ng/ml



#16 4,4'-DDD

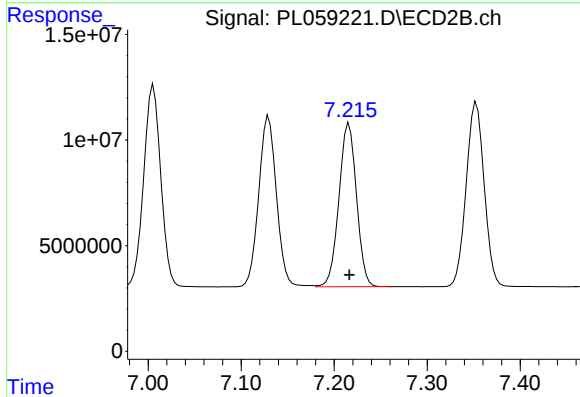
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 112795656  
Conc: 48.60 ng/ml



#17 4,4'-DDT

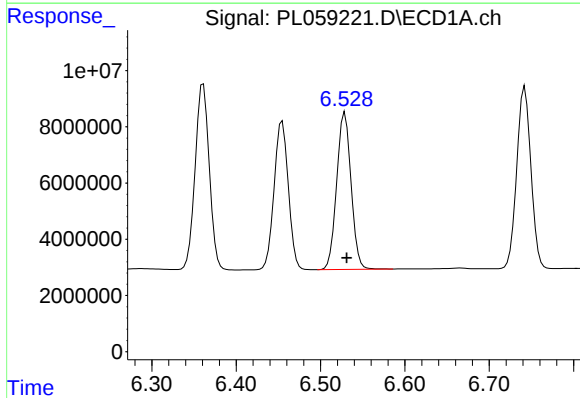
R.T.: 6.455 min  
Delta R.T.: -0.002 min  
Response: 62231876  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



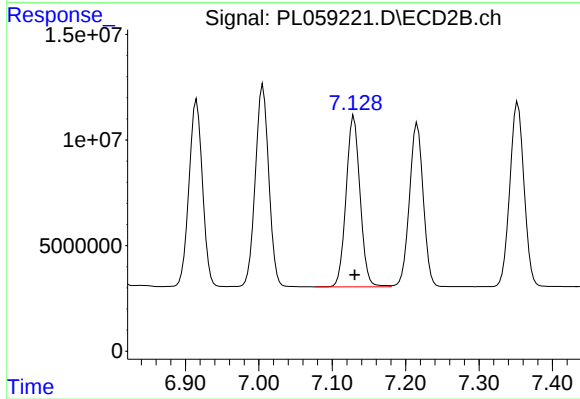
#17 4,4'-DDT

R.T.: 7.216 min  
Delta R.T.: 0.000 min  
Response: 101386191  
Conc: 44.52 ng/ml



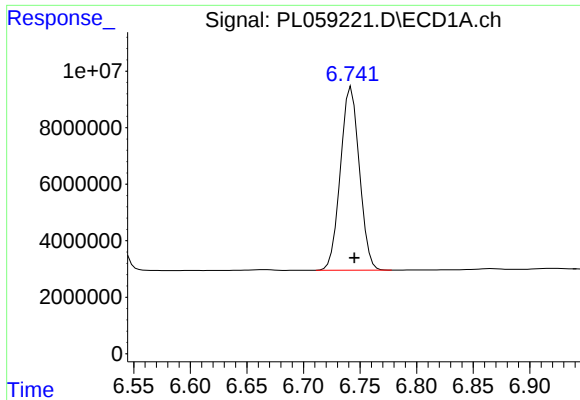
#18 Endrin aldehyde

R.T.: 6.529 min  
Delta R.T.: -0.002 min  
Response: 66257975  
Conc: 50.32 ng/ml



#18 Endrin aldehyde

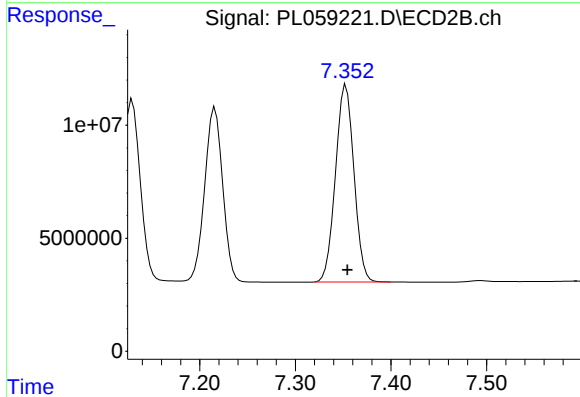
R.T.: 7.130 min  
Delta R.T.: -0.001 min  
Response: 107100124  
Conc: 46.85 ng/ml



#19 Endosulfan Sulfate

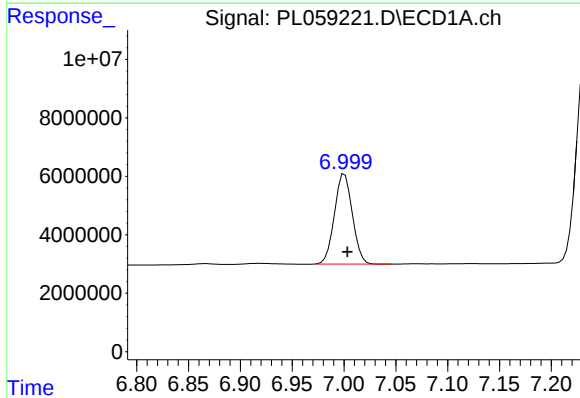
R.T.: 6.742 min  
Delta R.T.: -0.003 min  
Response: 75645456  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



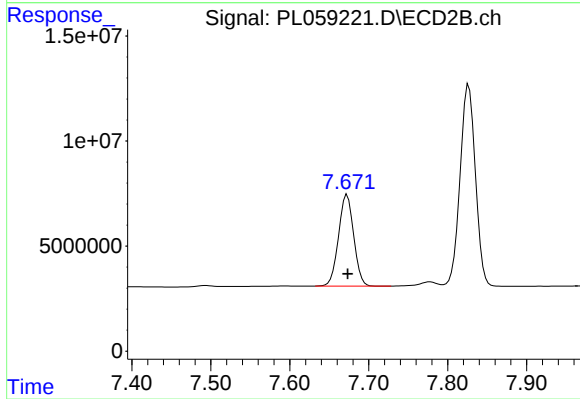
#19 Endosulfan Sulfate

R.T.: 7.353 min  
Delta R.T.: -0.001 min  
Response: 117172845  
Conc: 46.76 ng/ml



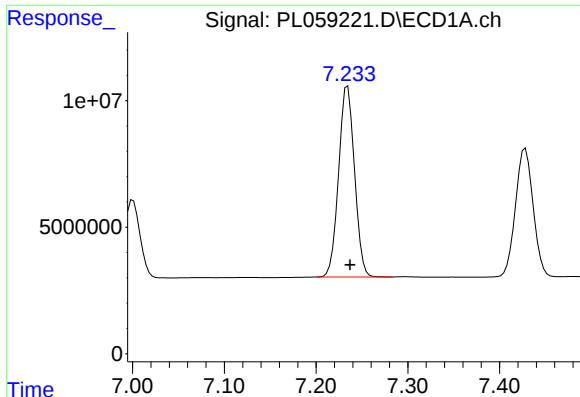
#20 Methoxychlor

R.T.: 7.001 min  
Delta R.T.: -0.003 min  
Response: 37065427  
Conc: 48.25 ng/ml



#20 Methoxychlor

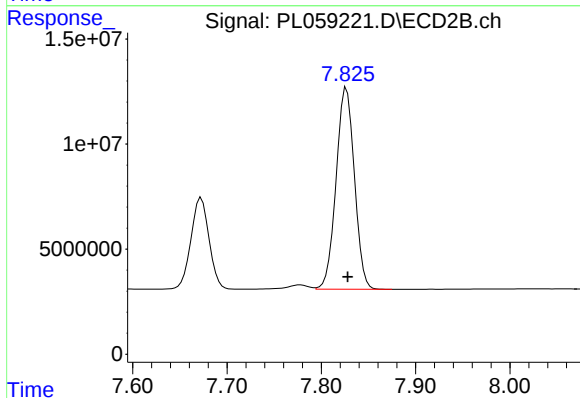
R.T.: 7.673 min  
Delta R.T.: 0.000 min  
Response: 58166629  
Conc: 44.11 ng/ml



#21 Endrin ketone

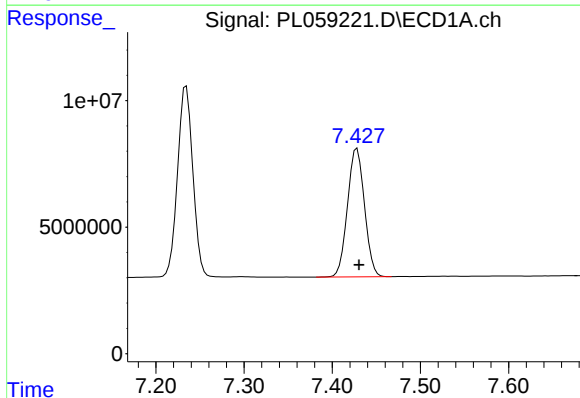
R.T.: 7.234 min  
Delta R.T.: -0.003 min  
Response: 90840375  
Conc: 52.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



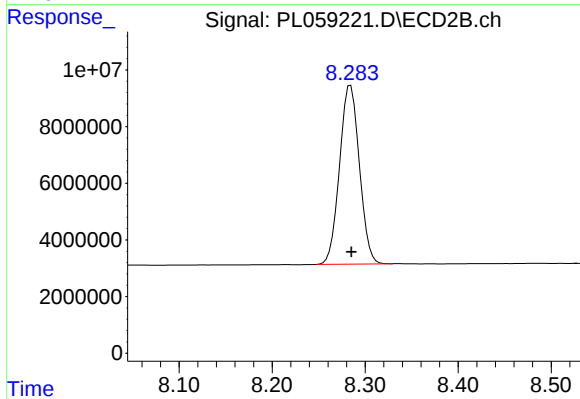
#21 Endrin ketone

R.T.: 7.827 min  
Delta R.T.: -0.001 min  
Response: 129626150  
Conc: 49.41 ng/ml



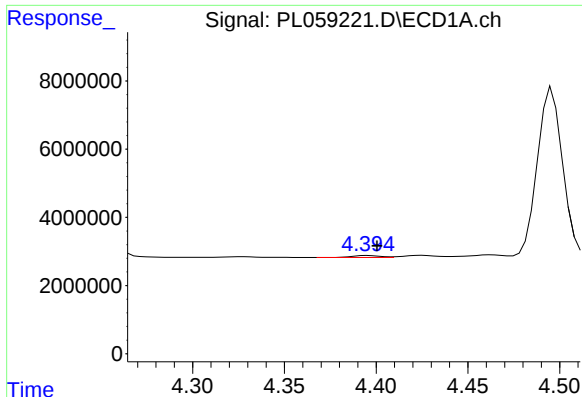
#22 Mirex

R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 68043271  
Conc: 49.30 ng/ml



#22 Mirex

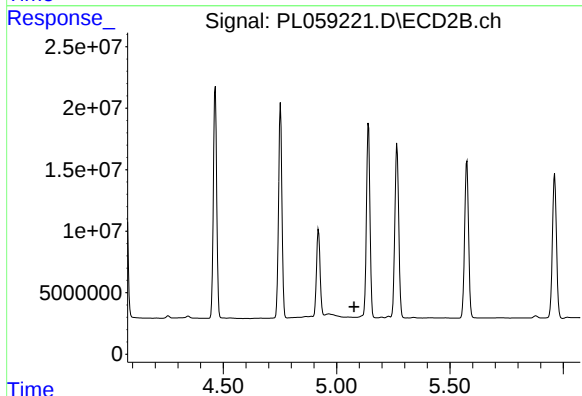
R.T.: 8.284 min  
Delta R.T.: 0.000 min  
Response: 93625833  
Conc: 47.46 ng/ml



#23 Chlordane-1

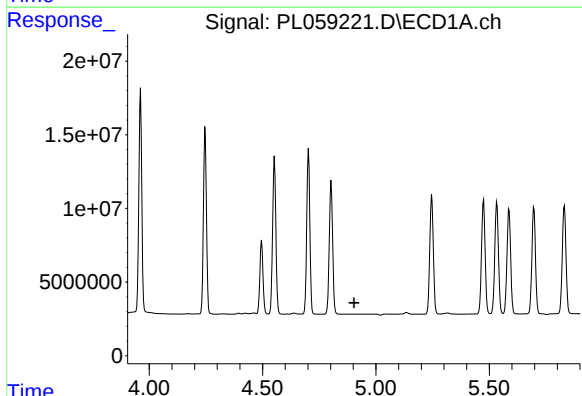
R.T.: 4.395 min  
Delta R.T.: -0.005 min  
Response: 630274  
Conc: 12.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



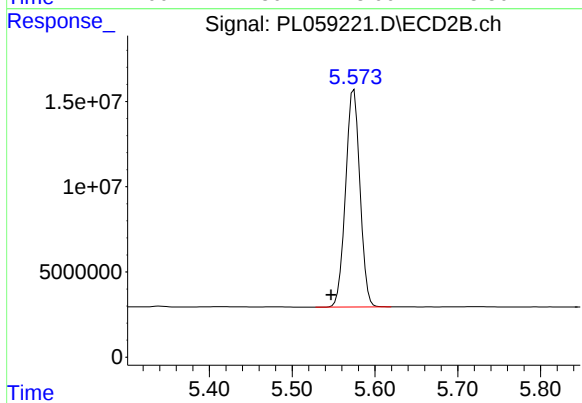
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.077 min  
Response: 0  
Conc: N.D.



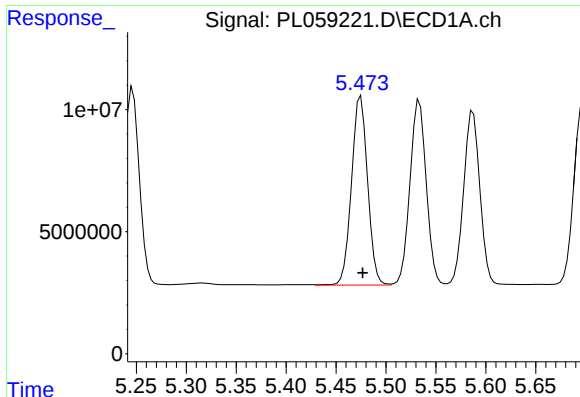
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.904 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

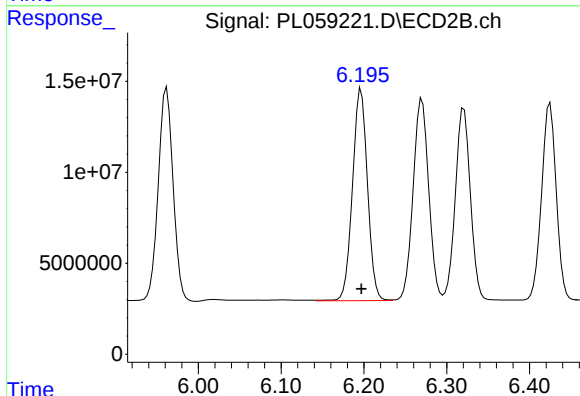
R.T.: 5.575 min  
Delta R.T.: 0.028 min  
Response: 154025740  
Conc: 1614.36 ng/ml



#25 Chlordane-3

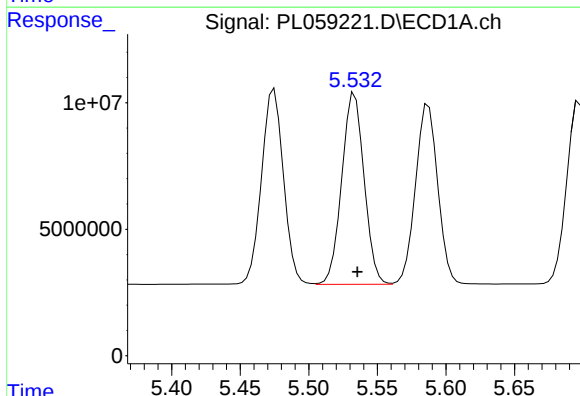
R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 86593264  
Conc: 586.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



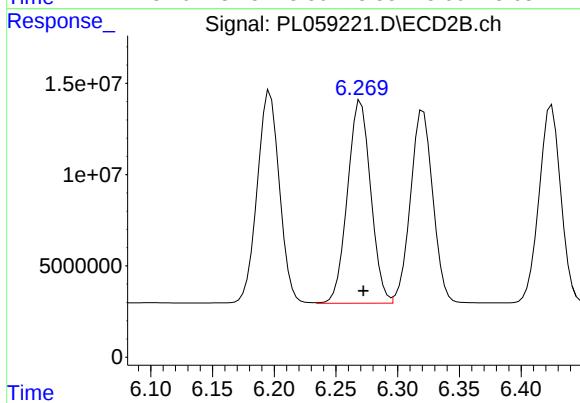
#25 Chlordane-3

R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 146455078  
Conc: 390.56 ng/ml



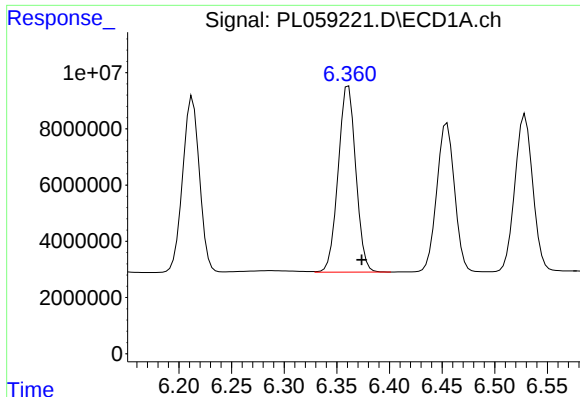
#26 Chlordane-4

R.T.: 5.534 min  
Delta R.T.: -0.002 min  
Response: 85913700  
Conc: 716.17 ng/ml



#26 Chlordane-4

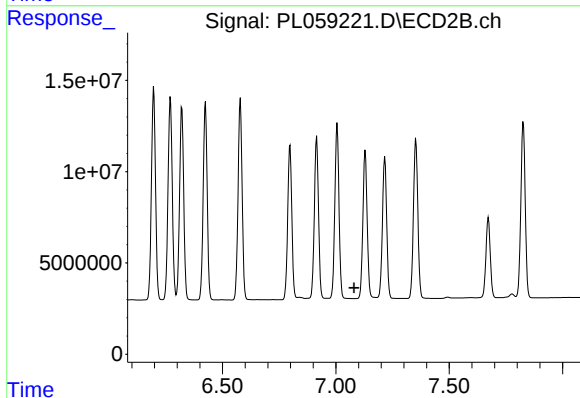
R.T.: 6.270 min  
Delta R.T.: -0.002 min  
Response: 145366858  
Conc: 319.46 ng/ml



#27 Chlordane-5

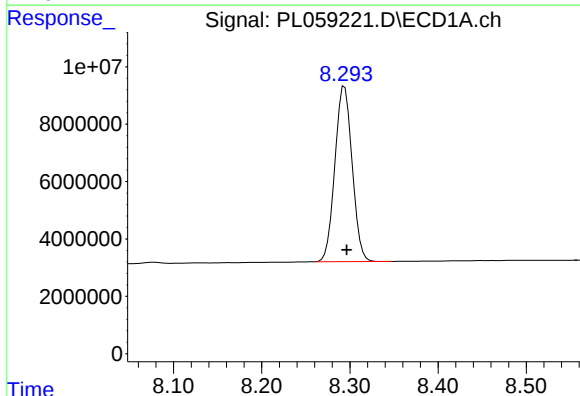
R.T.: 6.361 min  
Delta R.T.: -0.013 min  
Response: 77536686  
Conc: 1558.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



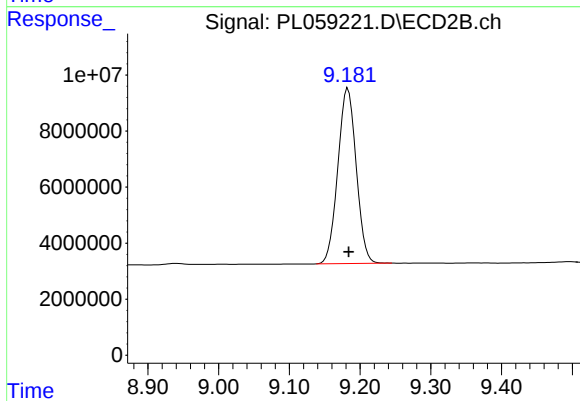
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.080 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.294 min  
Delta R.T.: -0.003 min  
Response: 83128351  
Conc: 50.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.183 min  
Delta R.T.: -0.001 min  
Response: 113020220  
Conc: 47.68 ng/ml