

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
 Data File : PL054263.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2019 09:00  
 Operator : SG\AJ  
 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: Nov 16 00:16:47 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.540 | 4.042 | 615.4E6  | 137.3E6  | 56.776 | 54.866 |
| 2)                          | SA Decachlor... | 8.321 | 9.120 | 498.4E6  | 139.3E6  | 50.794 | 49.472 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.983 | 4.434 | 1019.8E6 | 193.1E6  | 58.486 | 55.869 |
| 3)                          | MA gamma-BHC... | 4.270 | 4.719 | 904.7E6  | 177.8E6  | 58.093 | 55.198 |
| 4)                          | MA Heptachlor   | 4.576 | 5.229 | 881.0E6  | 160.3E6  | 55.822 | 49.764 |
| 5)                          | MB Aldrin       | 4.827 | 5.534 | 832.1E6  | 152.7E6  | 58.205 | 51.200 |
| 6)                          | B beta-BHC      | 4.520 | 4.889 | 369.9E6  | 81316251 | 56.128 | 52.645 |
| 7)                          | B delta-BHC     | 4.728 | 5.107 | 873.7E6  | 167.6E6  | 57.402 | 55.487 |
| 8)                          | B Heptachlo...  | 5.272 | 5.920 | 760.6E6  | 144.9E6  | 56.348 | 49.679 |
| 9)                          | A Endosulfan I  | 5.614 | 6.277 | 681.9E6  | 133.6E6  | 55.477 | 49.282 |
| 10)                         | B gamma-Chl...  | 5.500 | 6.154 | 764.6E6  | 146.0E6  | 56.041 | 50.035 |
| 11)                         | B alpha-Chl...  | 5.559 | 6.227 | 736.6E6  | 144.8E6  | 55.369 | 49.601 |
| 12)                         | B 4,4'-DDE      | 5.722 | 6.383 | 691.1E6  | 139.8E6  | 58.162 | 49.655 |
| 13)                         | MA Dieldrin     | 5.858 | 6.534 | 721.5E6  | 141.6E6  | 55.355 | 49.637 |
| 14)                         | MA Endrin       | 6.116 | 6.752 | 641.9E6  | 121.0E6  | 55.375 | 49.869 |
| 15)                         | B Endosulfa...  | 6.390 | 6.961 | 593.9E6  | 126.6E6  | 53.122 | 49.561 |
| 16)                         | A 4,4'-DDD      | 6.240 | 6.873 | 515.2E6  | 108.8E6  | 57.886 | 52.220 |
| 17)                         | MA 4,4'-DDT     | 6.481 | 7.172 | 518.9E6  | 109.7E6  | 52.379 | 47.444 |
| 18)                         | B Endrin al...  | 6.558 | 7.085 | 479.6E6  | 107.0E6  | 52.306 | 48.708 |
| 19)                         | B Endosulfa...  | 6.772 | 7.308 | 530.4E6  | 119.2E6  | 52.146 | 48.568 |
| 20)                         | A Methoxychlor  | 7.027 | 7.630 | 248.3E6  | 60483416 | 50.371 | 46.565 |
| 21)                         | B Endrin ke...  | 7.265 | 7.779 | 585.2E6  | 129.6E6  | 54.363 | 50.278 |
| 22)                         | Mirex           | 7.458 | 8.234 | 430.4E6  | 102.3E6  | 50.326 | 50.559 |
| -----                       |                 |       |       |          |          |        |        |

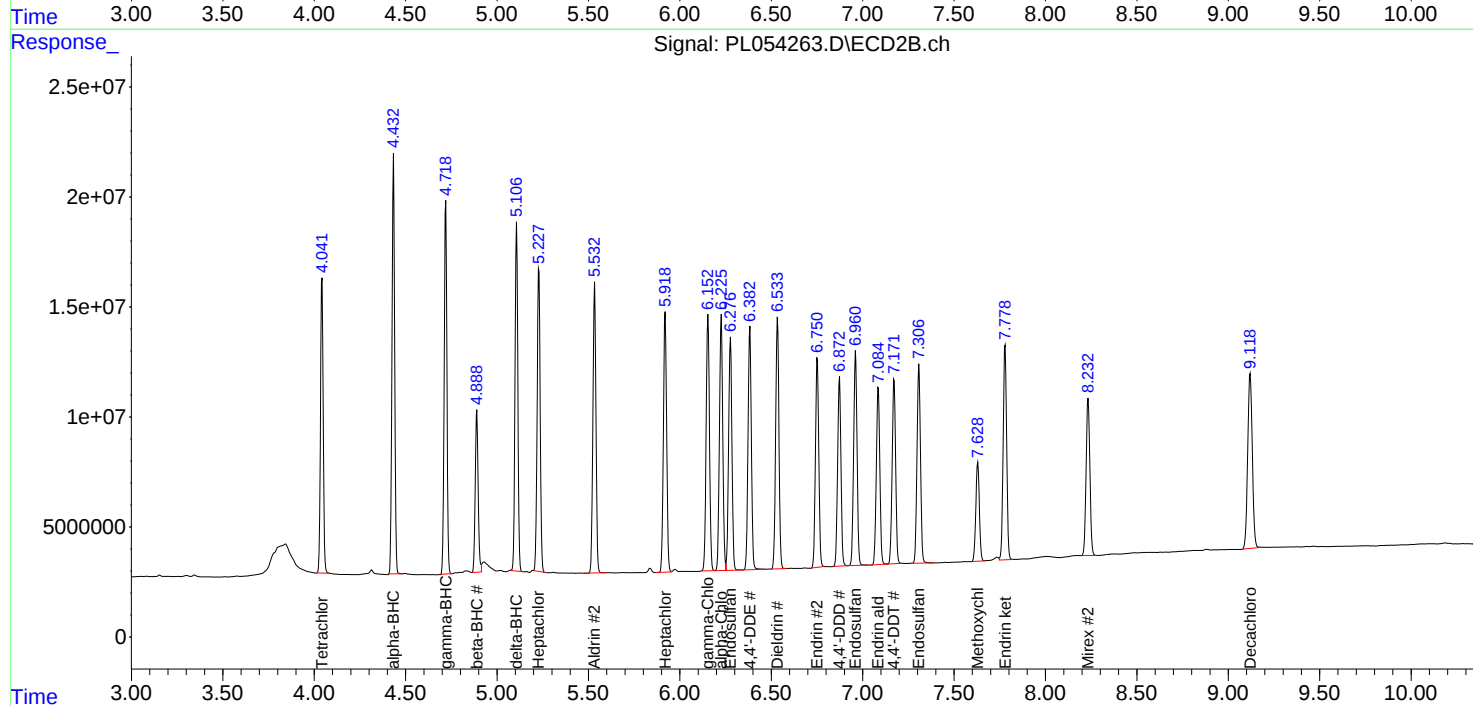
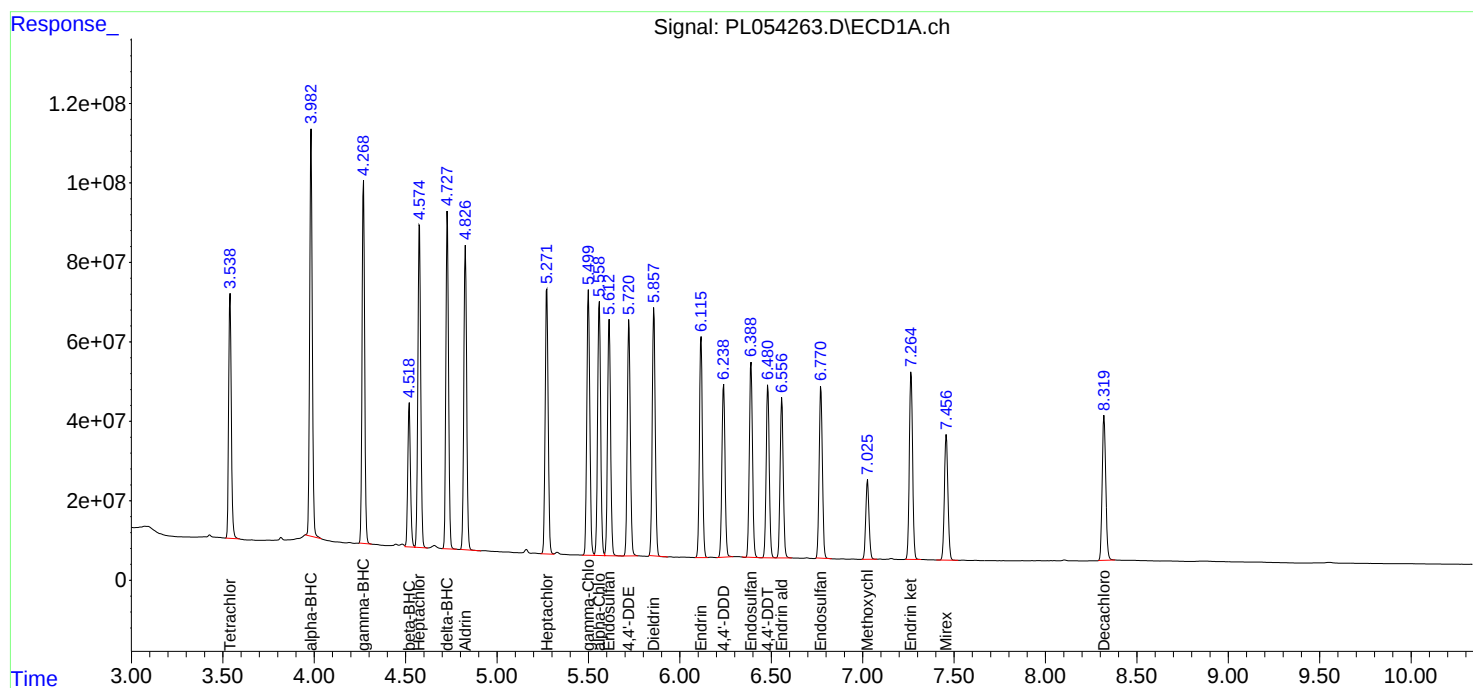
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

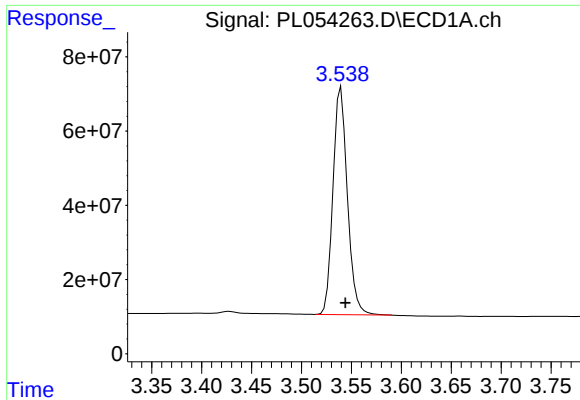
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
Data File : PL054263.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2019 09:00  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 00:16:47 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

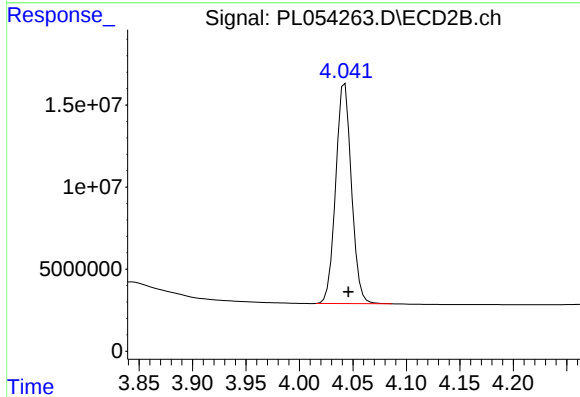




#1 Tetrachloro-m-xylene

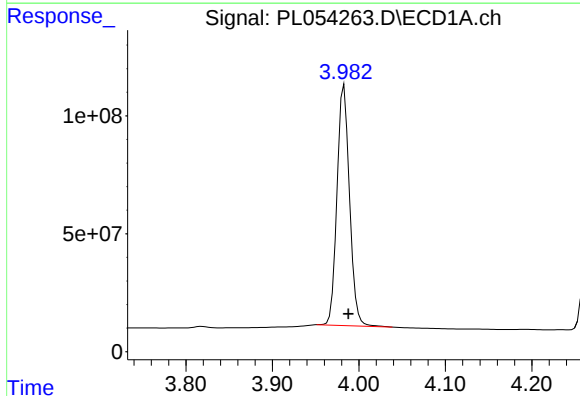
R.T.: 3.540 min  
Delta R.T.: -0.004 min  
Response: 615416201  
Conc: 56.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



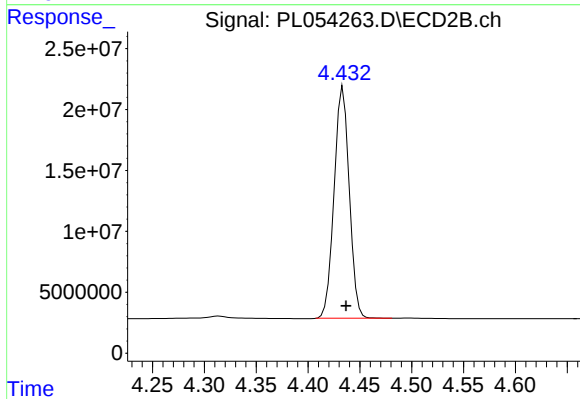
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: -0.003 min  
Response: 137296143  
Conc: 54.87 ng/ml



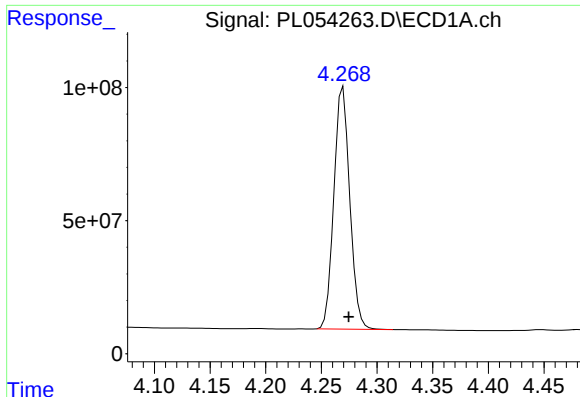
#2 alpha-BHC

R.T.: 3.983 min  
Delta R.T.: -0.005 min  
Response: 1019793630  
Conc: 58.49 ng/ml



#2 alpha-BHC

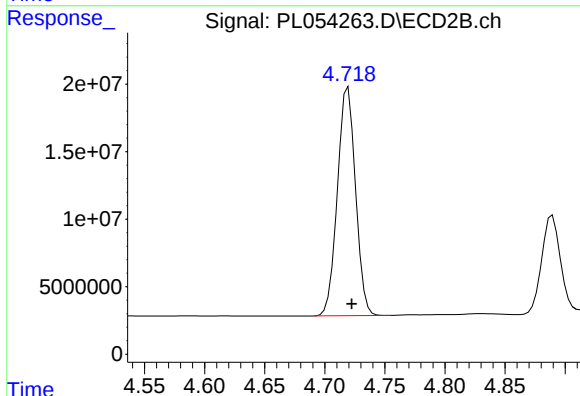
R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 193143547  
Conc: 55.87 ng/ml



#3 gamma-BHC (Lindane)

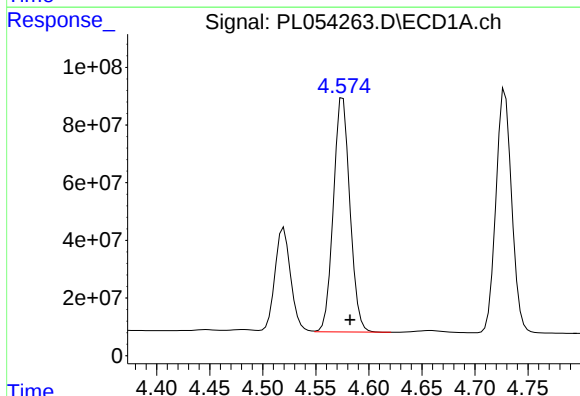
R.T.: 4.270 min  
Delta R.T.: -0.005 min  
Response: 904720937  
Conc: 58.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



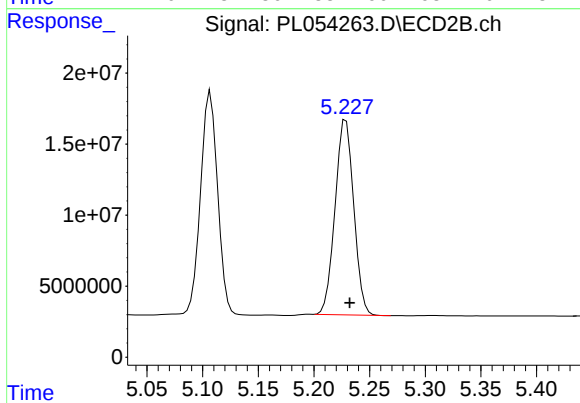
#3 gamma-BHC (Lindane)

R.T.: 4.719 min  
Delta R.T.: -0.003 min  
Response: 177759757  
Conc: 55.20 ng/ml



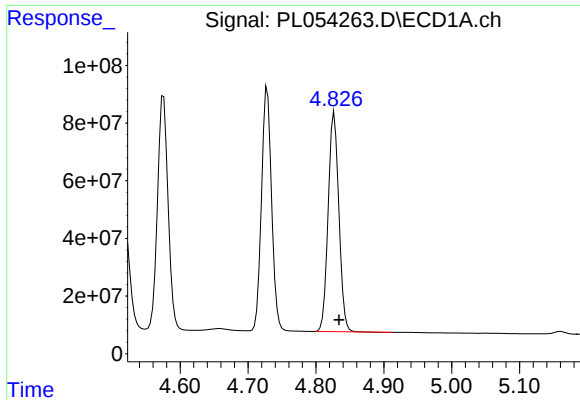
#4 Heptachlor

R.T.: 4.576 min  
Delta R.T.: -0.007 min  
Response: 881030193  
Conc: 55.82 ng/ml



#4 Heptachlor

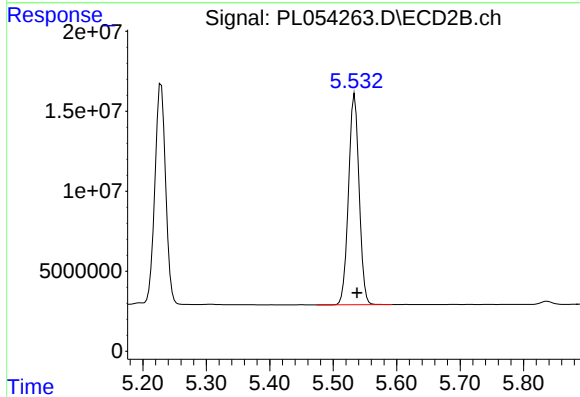
R.T.: 5.229 min  
Delta R.T.: -0.003 min  
Response: 160348849  
Conc: 49.76 ng/ml



#5 Aldrin

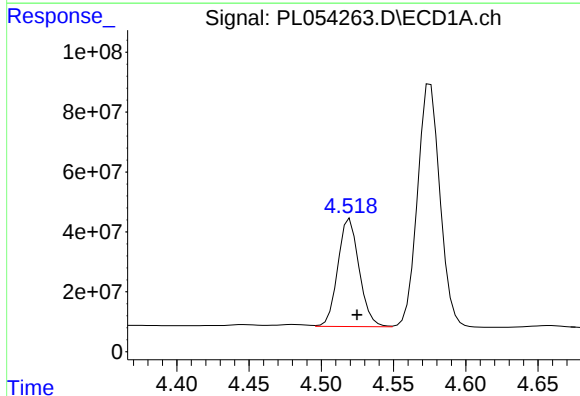
R.T.: 4.827 min  
Delta R.T.: -0.007 min  
Response: 832082824  
Conc: 58.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



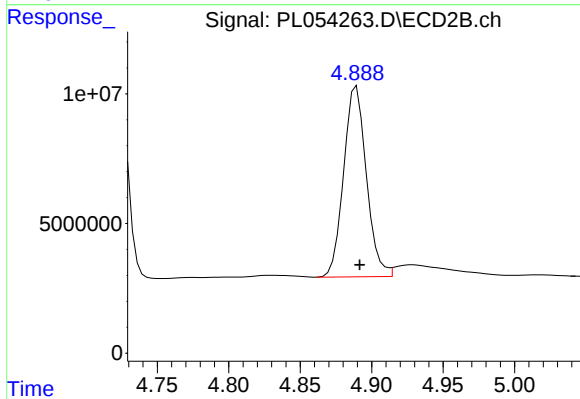
#5 Aldrin

R.T.: 5.534 min  
Delta R.T.: -0.004 min  
Response: 152653637  
Conc: 51.20 ng/ml



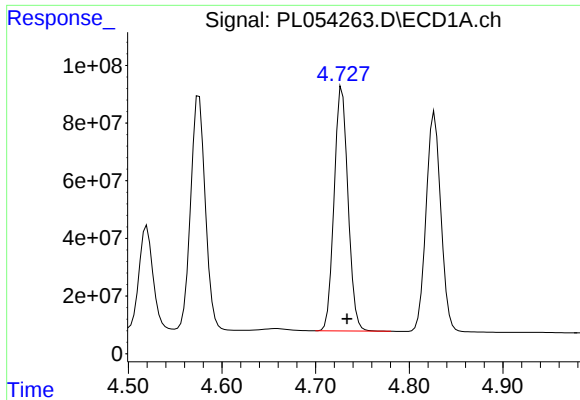
#6 beta-BHC

R.T.: 4.520 min  
Delta R.T.: -0.005 min  
Response: 369874348  
Conc: 56.13 ng/ml



#6 beta-BHC

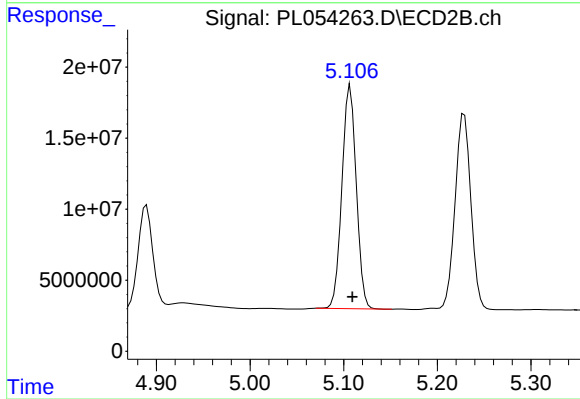
R.T.: 4.889 min  
Delta R.T.: -0.002 min  
Response: 81316251  
Conc: 52.64 ng/ml



#7 delta-BHC

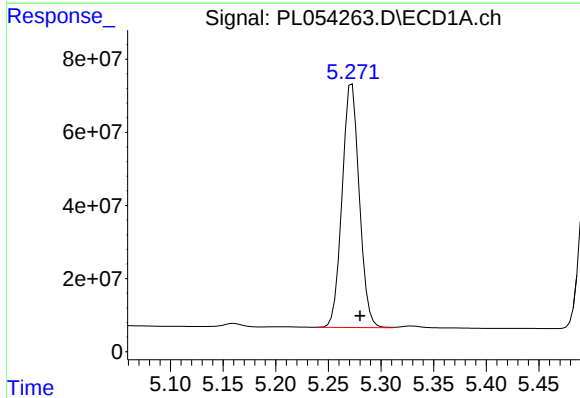
R.T.: 4.728 min  
Delta R.T.: -0.005 min  
Response: 873719118  
Conc: 57.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



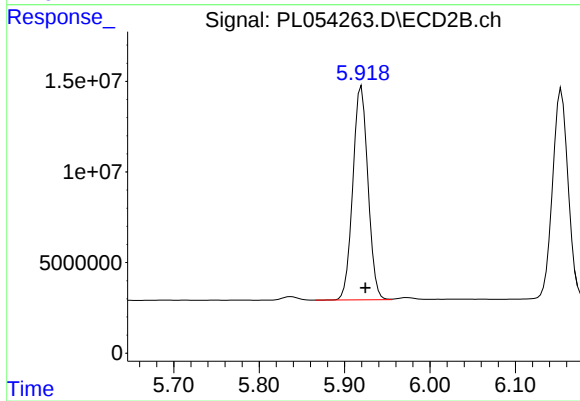
#7 delta-BHC

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 167604094  
Conc: 55.49 ng/ml



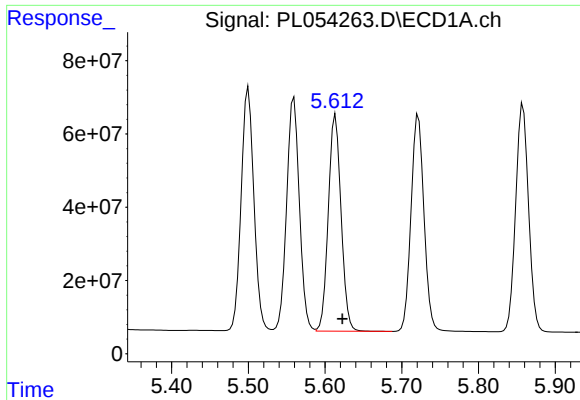
#8 Heptachlor epoxide

R.T.: 5.272 min  
Delta R.T.: -0.008 min  
Response: 760649349  
Conc: 56.35 ng/ml



#8 Heptachlor epoxide

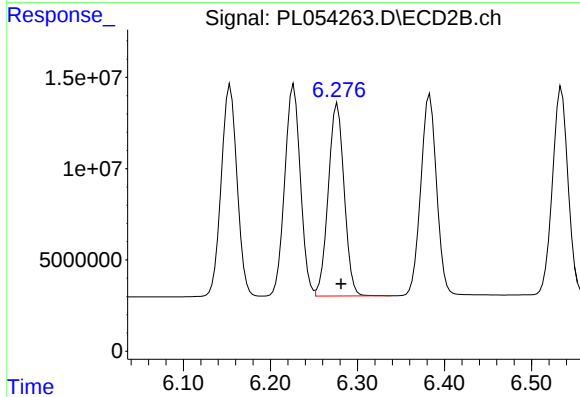
R.T.: 5.920 min  
Delta R.T.: -0.005 min  
Response: 144882631  
Conc: 49.68 ng/ml



#9 Endosulfan I

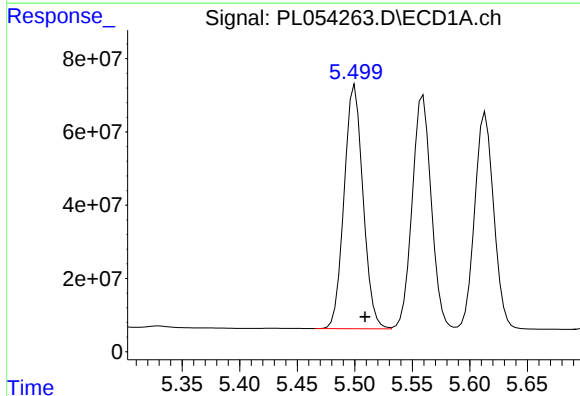
R.T.: 5.614 min  
Delta R.T.: -0.009 min  
Response: 681931754  
Conc: 55.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



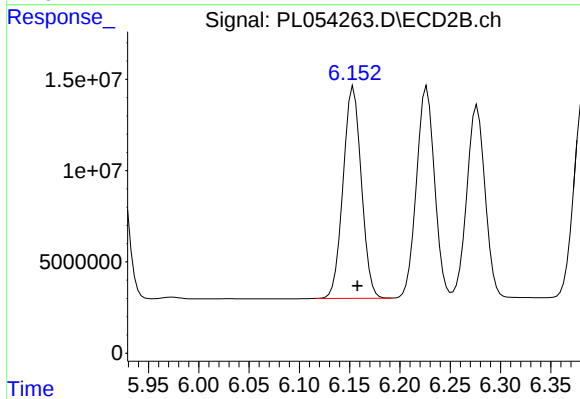
#9 Endosulfan I

R.T.: 6.277 min  
Delta R.T.: -0.004 min  
Response: 133616205  
Conc: 49.28 ng/ml



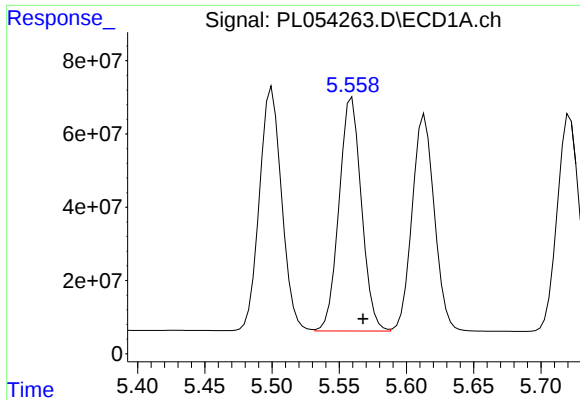
#10 gamma-Chlordane

R.T.: 5.500 min  
Delta R.T.: -0.009 min  
Response: 764601335  
Conc: 56.04 ng/ml



#10 gamma-Chlordane

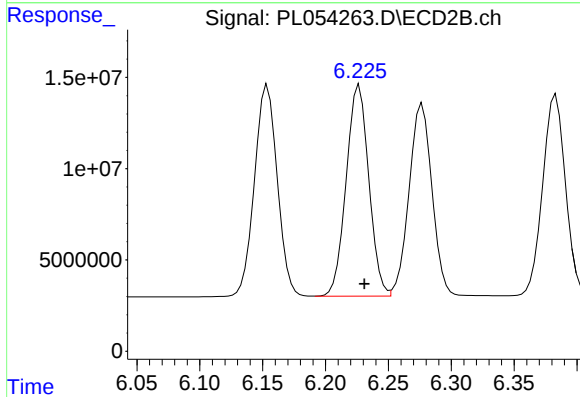
R.T.: 6.154 min  
Delta R.T.: -0.004 min  
Response: 145992936  
Conc: 50.04 ng/ml



#11 alpha-Chlordane

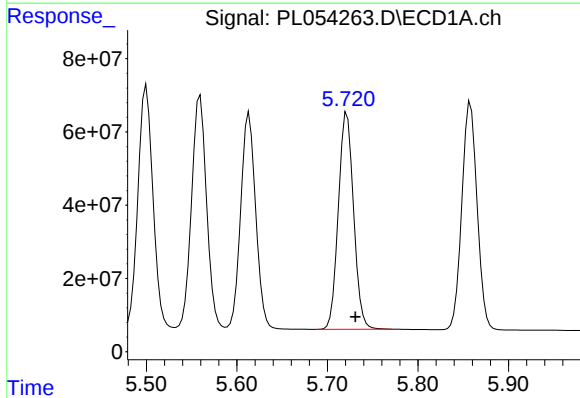
R.T.: 5.559 min  
Delta R.T.: -0.008 min  
Response: 736602826  
Conc: 55.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



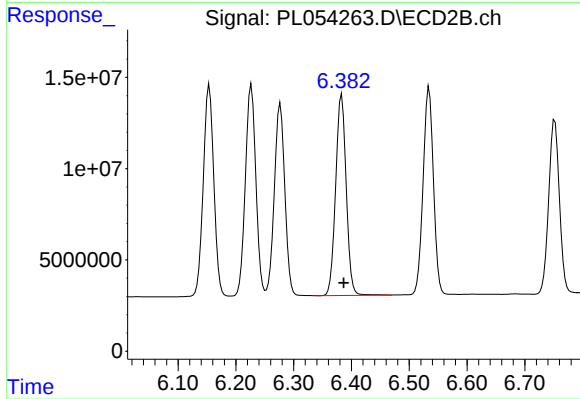
#11 alpha-Chlordane

R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 144795607  
Conc: 49.60 ng/ml



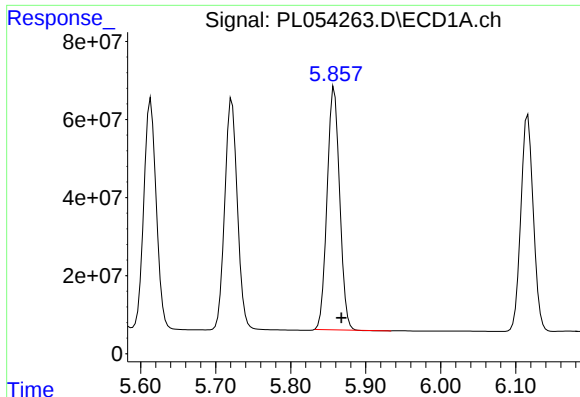
#12 4,4'-DDE

R.T.: 5.722 min  
Delta R.T.: -0.009 min  
Response: 691092826  
Conc: 58.16 ng/ml



#12 4,4'-DDE

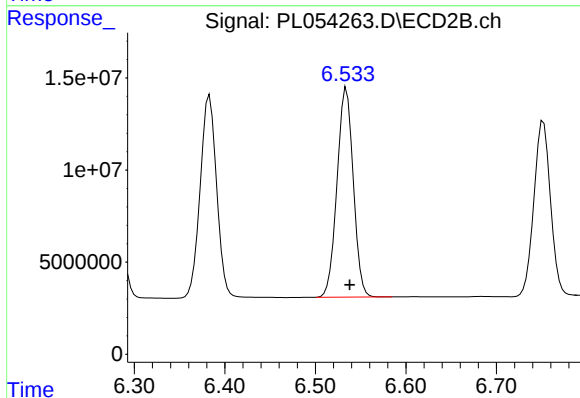
R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 139845504  
Conc: 49.65 ng/ml



#13 Dieldrin

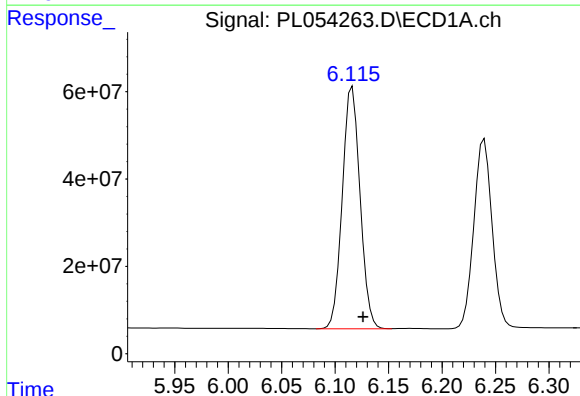
R.T.: 5.858 min  
Delta R.T.: -0.009 min  
Response: 721474293  
Conc: 55.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



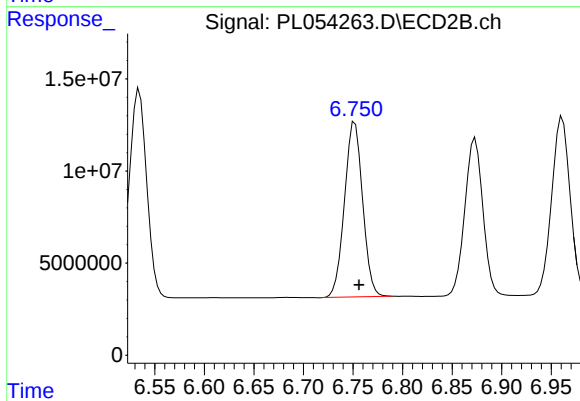
#13 Dieldrin

R.T.: 6.534 min  
Delta R.T.: -0.004 min  
Response: 141646648  
Conc: 49.64 ng/ml



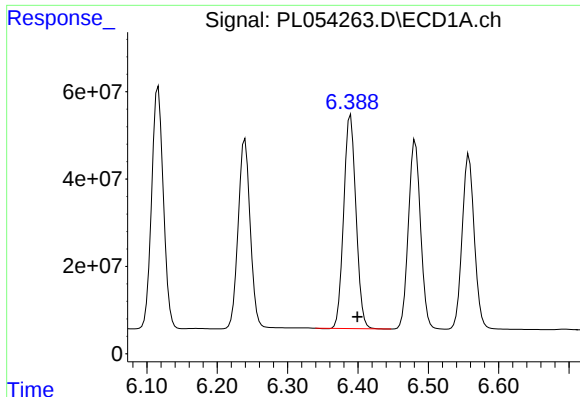
#14 Endrin

R.T.: 6.116 min  
Delta R.T.: -0.010 min  
Response: 641862326  
Conc: 55.37 ng/ml



#14 Endrin

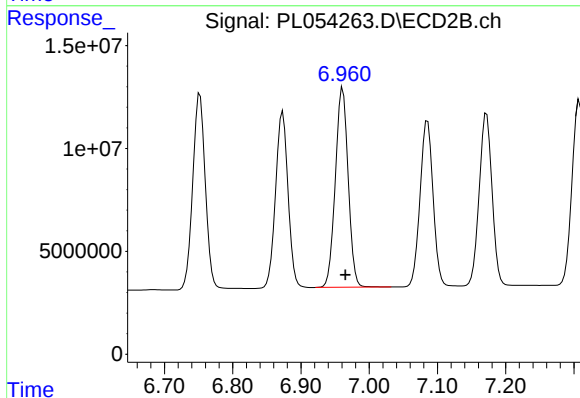
R.T.: 6.752 min  
Delta R.T.: -0.004 min  
Response: 121040899  
Conc: 49.87 ng/ml



#15 Endosulfan II

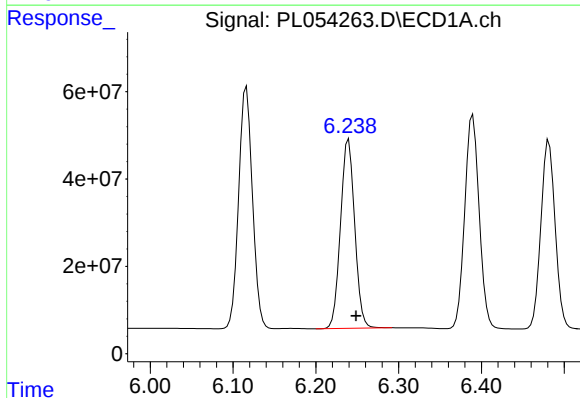
R.T.: 6.390 min  
Delta R.T.: -0.009 min  
Response: 593926573  
Conc: 53.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



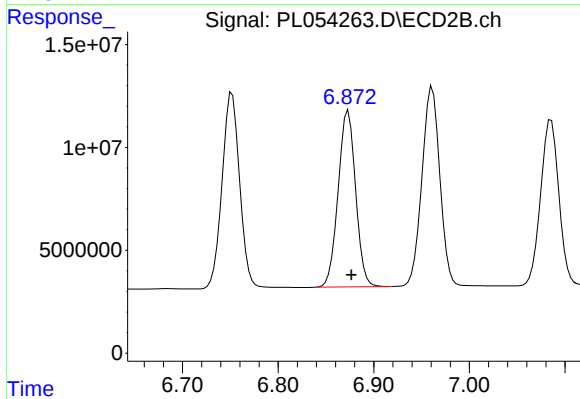
#15 Endosulfan II

R.T.: 6.961 min  
Delta R.T.: -0.004 min  
Response: 126604170  
Conc: 49.56 ng/ml



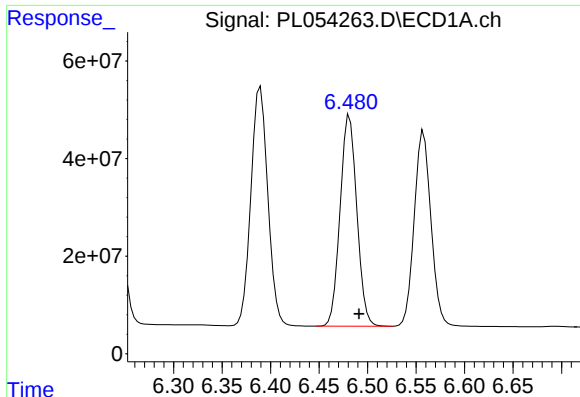
#16 4,4'-DDD

R.T.: 6.240 min  
Delta R.T.: -0.009 min  
Response: 515175281  
Conc: 57.89 ng/ml



#16 4,4'-DDD

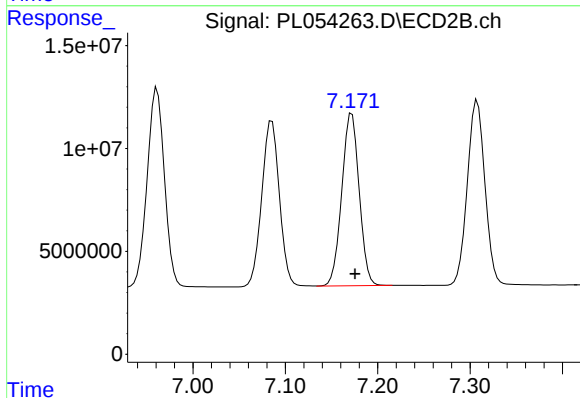
R.T.: 6.873 min  
Delta R.T.: -0.003 min  
Response: 108824655  
Conc: 52.22 ng/ml



#17 4,4'-DDT

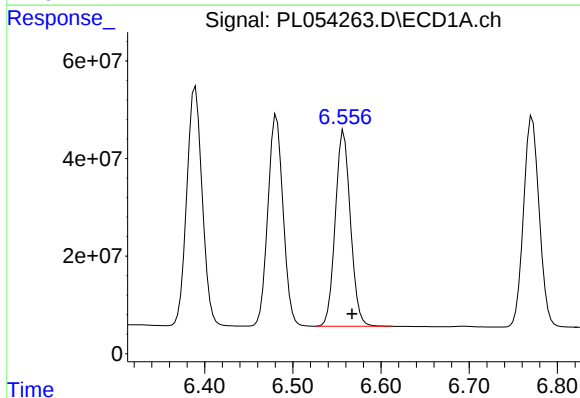
R.T.: 6.481 min  
Delta R.T.: -0.010 min  
Response: 518883980  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



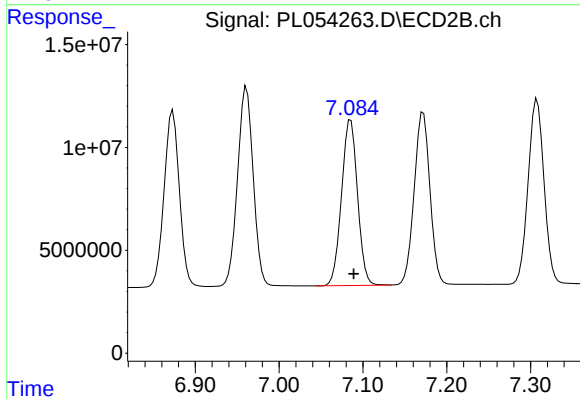
#17 4,4'-DDT

R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 109713978  
Conc: 47.44 ng/ml



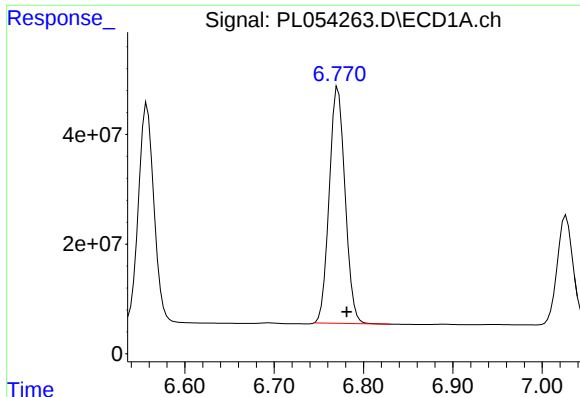
#18 Endrin aldehyde

R.T.: 6.558 min  
Delta R.T.: -0.009 min  
Response: 479604062  
Conc: 52.31 ng/ml



#18 Endrin aldehyde

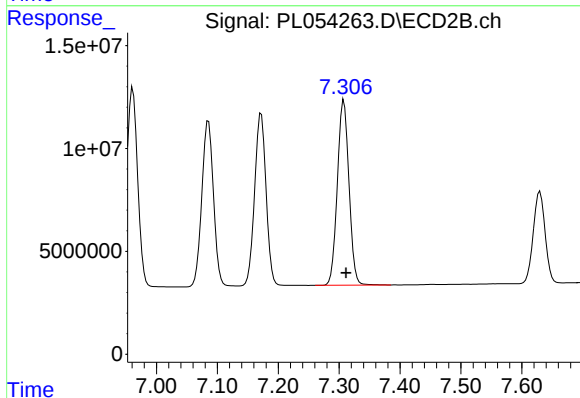
R.T.: 7.085 min  
Delta R.T.: -0.004 min  
Response: 107000510  
Conc: 48.71 ng/ml



#19 Endosulfan Sulfate

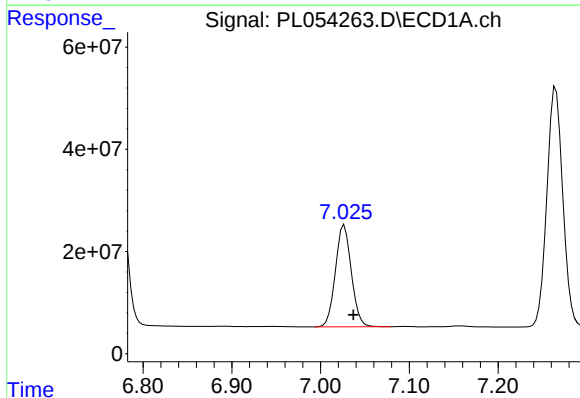
R.T.: 6.772 min  
Delta R.T.: -0.010 min  
Response: 530411610  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



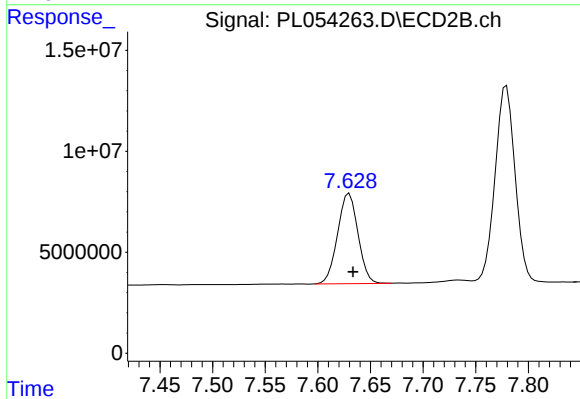
#19 Endosulfan Sulfate

R.T.: 7.308 min  
Delta R.T.: -0.004 min  
Response: 119165819  
Conc: 48.57 ng/ml



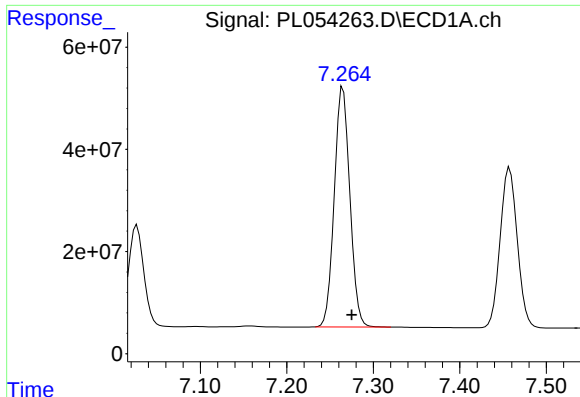
#20 Methoxychlor

R.T.: 7.027 min  
Delta R.T.: -0.010 min  
Response: 248347398  
Conc: 50.37 ng/ml



#20 Methoxychlor

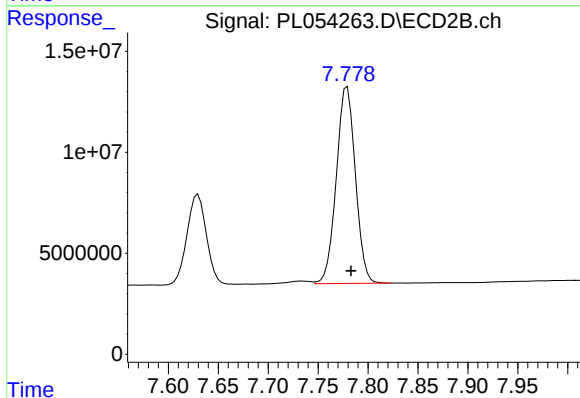
R.T.: 7.630 min  
Delta R.T.: -0.004 min  
Response: 60483416  
Conc: 46.56 ng/ml



#21 Endrin ketone

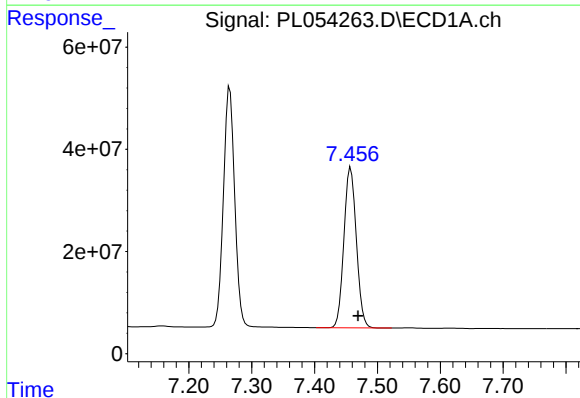
R.T.: 7.265 min  
Delta R.T.: -0.010 min  
Response: 585224740  
Conc: 54.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



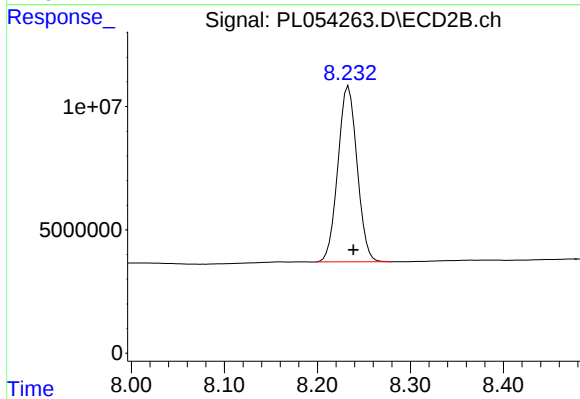
#21 Endrin ketone

R.T.: 7.779 min  
Delta R.T.: -0.004 min  
Response: 129641715  
Conc: 50.28 ng/ml



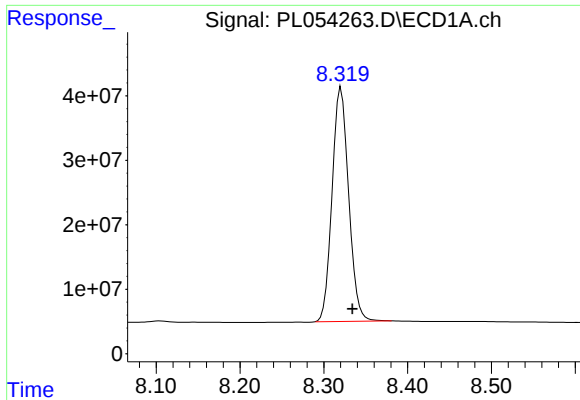
#22 Mirex

R.T.: 7.458 min  
Delta R.T.: -0.012 min  
Response: 430434670  
Conc: 50.33 ng/ml



#22 Mirex

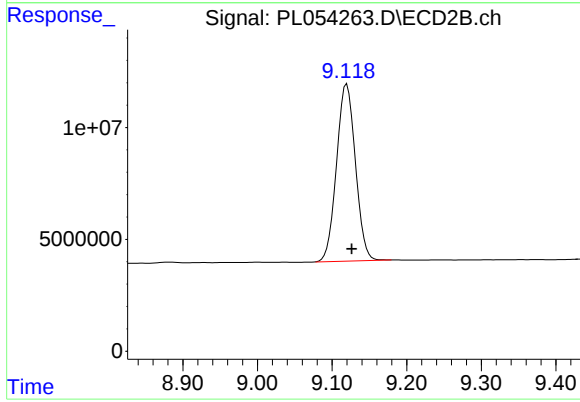
R.T.: 8.234 min  
Delta R.T.: -0.005 min  
Response: 102284387  
Conc: 50.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.321 min  
Delta R.T.: -0.013 min  
Response: 498365357  
Conc: 50.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.120 min  
Delta R.T.: -0.006 min  
Response: 139314390  
Conc: 49.47 ng/ml