

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103020\  
 Data File : PL062709.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2020 12:06  
 Operator : DD\AJ  
 Sample : L4531-04MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 14:11:49 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 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... | 3.411 | 3.951  | 38372262 | 65949146 | 22.308   | 22.441     |
| 28)                         | SA Decachlor... | 8.127 | 8.991  | 38478767 | 50339795 | 23.985   | 24.052     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.843 | 4.337  | 147.2E6  | 267.8E6  | 57.717   | 60.263     |
| 3)                          | MA gamma-BHC... | 4.122 | 4.620  | 130.6E6  | 245.8E6  | 56.359   | 58.874     |
| 4)                          | MA Heptachlor   | 4.420 | 5.125  | 116.1E6  | 220.8E6  | 54.098   | 55.364     |
| 5)                          | MB Aldrin       | 4.664 | 5.428  | 106.4E6  | 210.1E6  | 55.758   | 58.054     |
| 6)                          | B beta-BHC      | 4.372 | 4.791  | 53430606 | 99795851 | 55.937   | 52.998     |
| 7)                          | B delta-BHC     | 4.573 | 5.005  | 121.7E6  | 212.2E6  | 55.979   | 60.645     |
| 8)                          | B Heptachlo...  | 5.103 | 5.813  | 111.8E6  | 238.7E6  | 61.252   | 73.701     |
| 9)                          | A Endosulfan I  | 5.438 | 6.169  | 90947402 | 174.6E6  | 54.407   | 55.359     |
| 10)                         | B gamma-Chl...  | 5.328 | 6.048  | 99730841 | 203.5E6  | 55.358   | 60.457     |
| 11)                         | B alpha-Chl...  | 5.386 | 6.120  | 99192019 | 196.3E6  | 54.870   | 58.276     |
| 12)                         | B 4,4'-DDE      | 5.551 | 6.278  | 94163977 | 164.9E6  | 56.916   | 51.173     |
| 13)                         | MA Dieldrin     | 5.679 | 6.426  | 100.4E6  | 172.6E6  | 56.847   | 53.937     |
| 14)                         | MA Endrin       | 5.934 | 6.642  | 90017470 | 145.0E6  | 54.104   | 51.938     |
| 15)                         | B Endosulfa...  | 6.206 | 6.852  | 87330024 | 144.2E6  | 52.971   | 50.458     |
| 16)                         | A 4,4'-DDD      | 6.063 | 6.768  | 80723246 | 159.0E6  | 57.069   | 62.110     |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.067  | 67283641 | 112.9E6  | 50.416   | 50.271     |
| 18)                         | B Endrin al...  | 6.373 | 6.976  | 70997284 | 113.9E6  | 48.893   | 49.923     |
| 19)                         | B Endosulfa...  | 6.585 | 7.199  | 82962243 | 128.6E6  | 50.273   | 53.620     |
| 20)                         | A Methoxychlor  | 6.846 | 7.526  | 40663540 | 57641156 | 47.212   | 46.654     |
| 21)                         | B Endrin ke...  | 7.071 | 7.669  | 93750781 | 139.3E6  | 51.997   | 58.772     |
| 22)                         | Mirex           | 7.258 | 8.122  | 74039342 | 96026066 | 52.225   | 56.351     |
| 23)                         | Chlordane-1     | 4.275 | 0.000  | 2019953  | 0        | 39.184   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.428f | 0        | 210.1E6  | N.D.     | 1927.130 # |
| 25)                         | Chlordane-3     | 5.328 | 6.048  | 99730841 | 203.5E6  | 651.287  | 503.832    |
| 26)                         | Chlordane-4     | 5.386 | 6.120  | 99192019 | 196.3E6  | 761.488  | 405.391 #  |
| 27)                         | Chlordane-5     | 6.206 | 0.000  | 87330024 | 0        | 1810.112 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

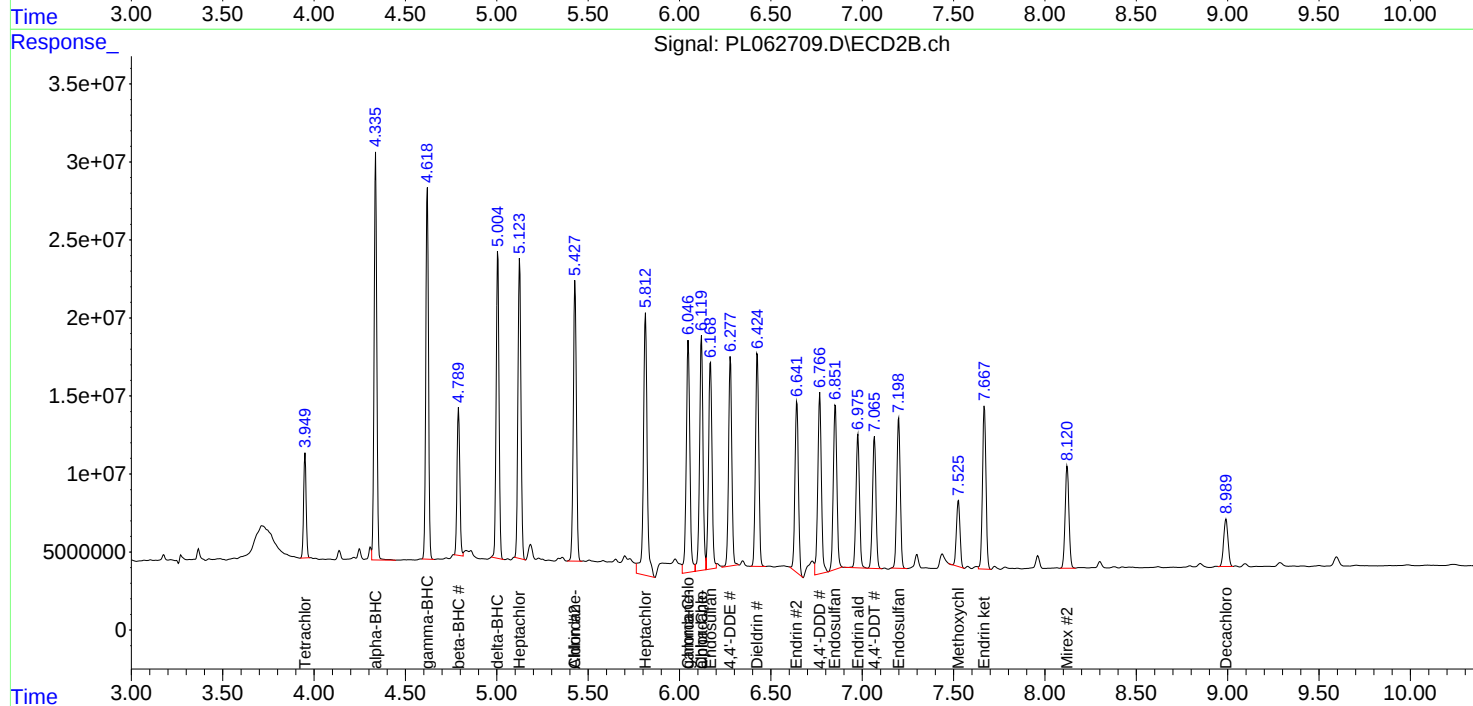
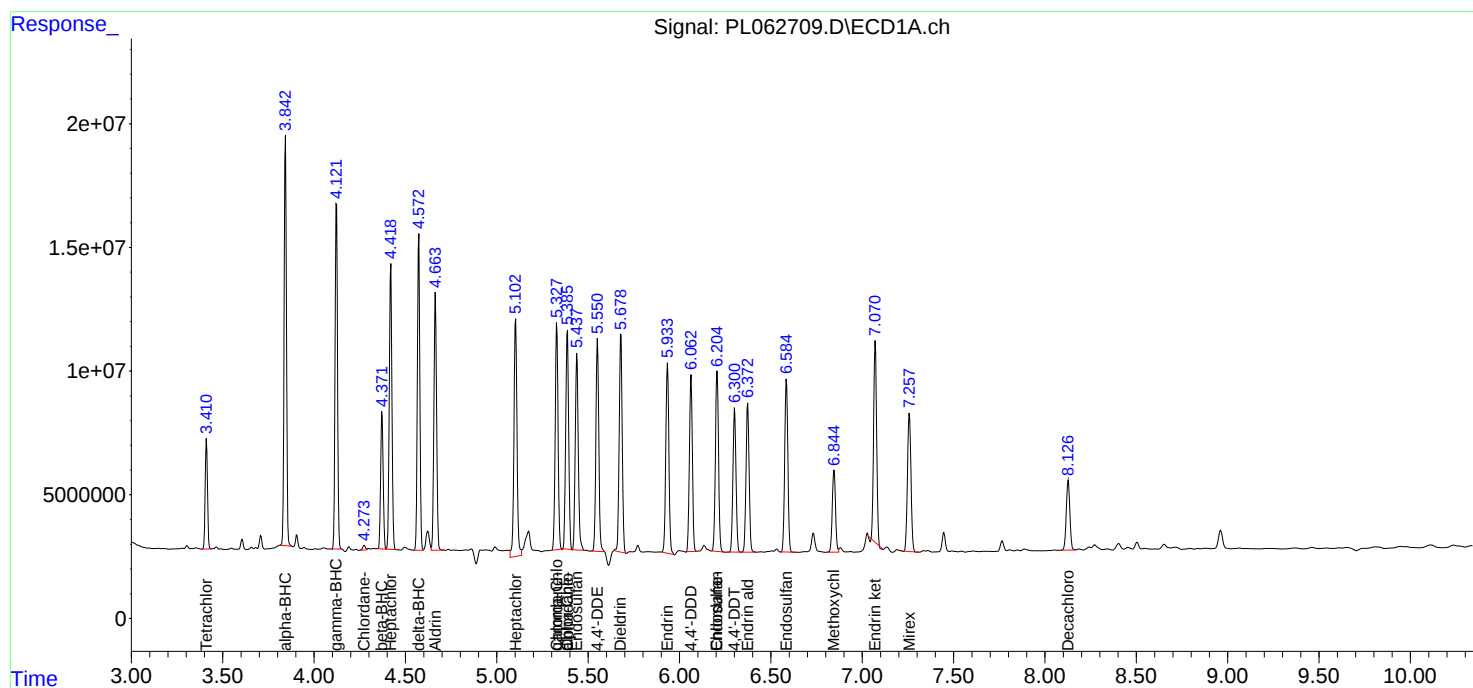
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

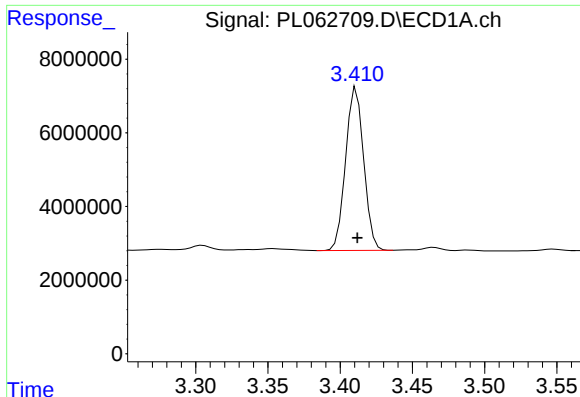
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103020\  
Data File : PL062709.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2020 12:06  
Operator : DD\AJ  
Sample : L4531-04MS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 14:11:49 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 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

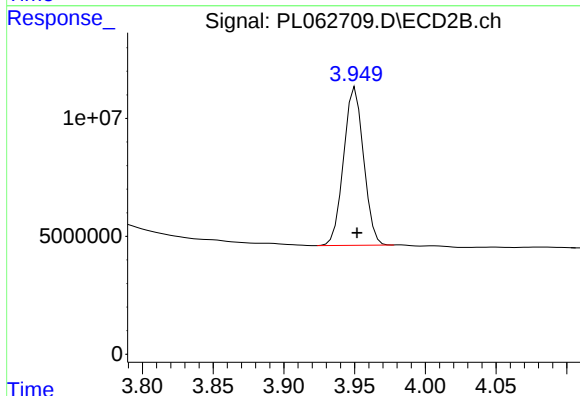




#1 Tetrachloro-m-xylene

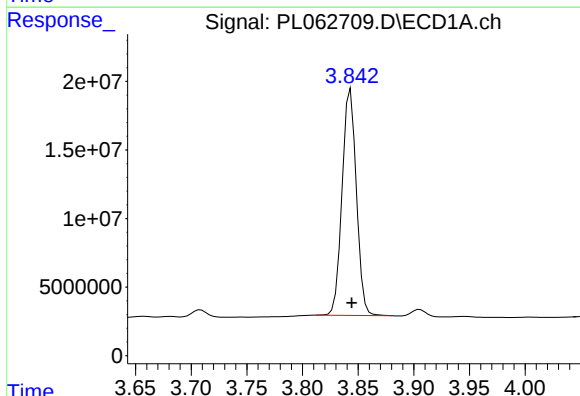
R.T.: 3.411 min  
Delta R.T.: 0.000 min  
Response: 38372262  
Conc: 22.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



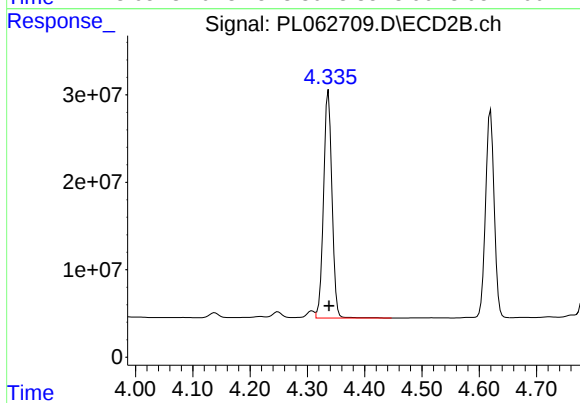
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: -0.001 min  
Response: 65949146  
Conc: 22.44 ng/ml



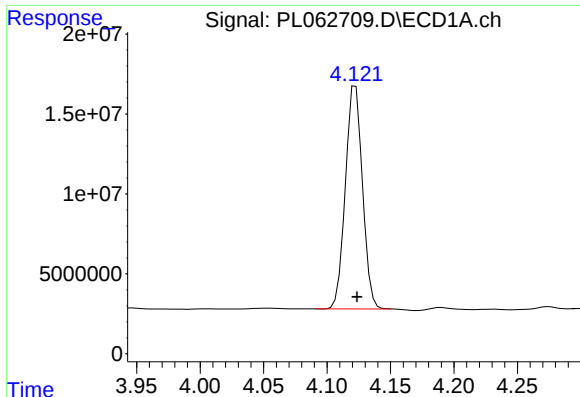
#2 alpha-BHC

R.T.: 3.843 min  
Delta R.T.: 0.000 min  
Response: 147161591  
Conc: 57.72 ng/ml



#2 alpha-BHC

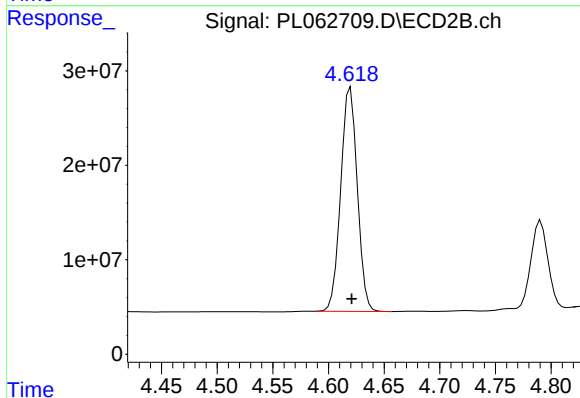
R.T.: 4.337 min  
Delta R.T.: -0.001 min  
Response: 267760761  
Conc: 60.26 ng/ml



#3 gamma-BHC (Lindane)

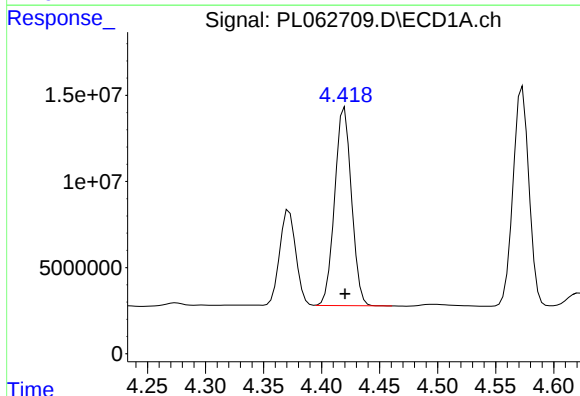
R.T.: 4.122 min  
Delta R.T.: -0.001 min  
Response: 130564859  
Conc: 56.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



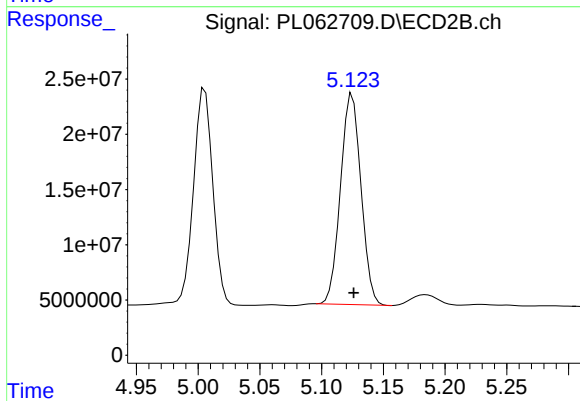
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 245840923  
Conc: 58.87 ng/ml



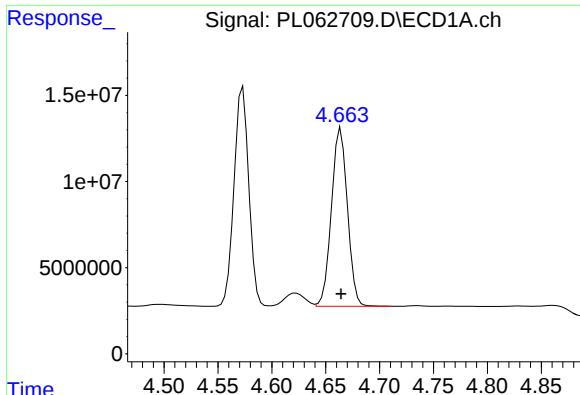
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 116083362  
Conc: 54.10 ng/ml



#4 Heptachlor

R.T.: 5.125 min  
Delta R.T.: -0.001 min  
Response: 220788059  
Conc: 55.36 ng/ml



#5 Aldrin

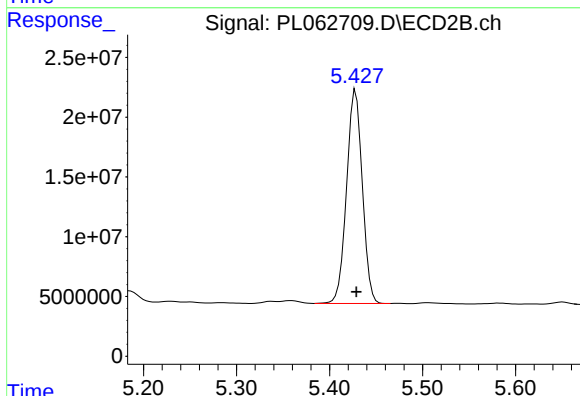
R.T.: 4.664 min

Delta R.T.: 0.000 min

Response: 106428095

Conc: 55.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



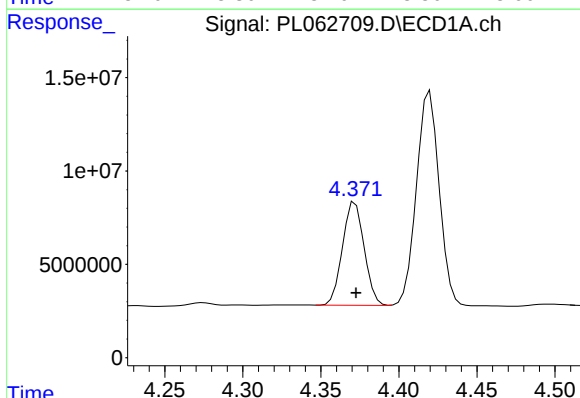
#5 Aldrin

R.T.: 5.428 min

Delta R.T.: 0.000 min

Response: 210126411

Conc: 58.05 ng/ml



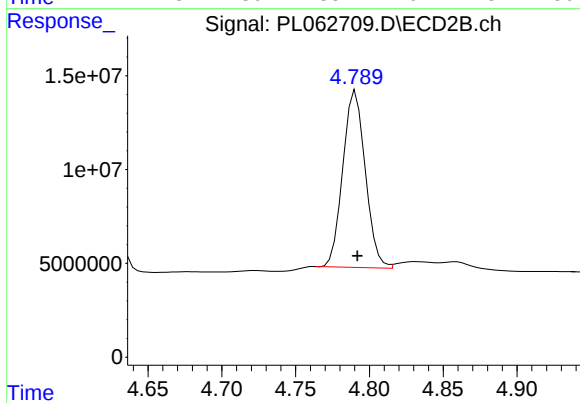
#6 beta-BHC

R.T.: 4.372 min

Delta R.T.: 0.000 min

Response: 53430606

Conc: 55.94 ng/ml



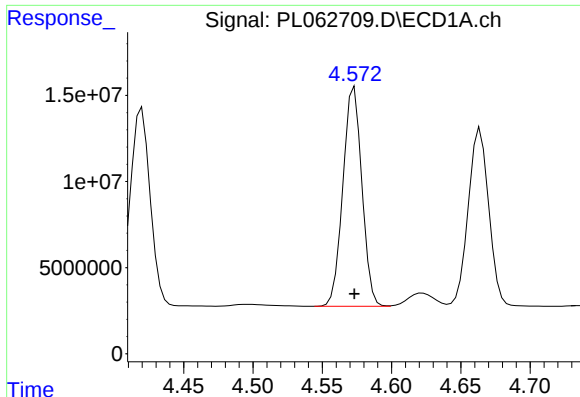
#6 beta-BHC

R.T.: 4.791 min

Delta R.T.: 0.000 min

Response: 99795851

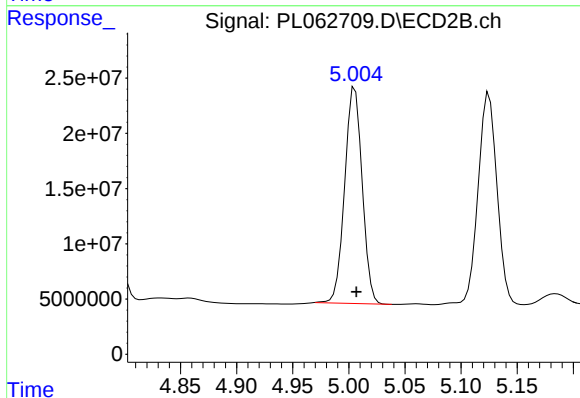
Conc: 53.00 ng/ml



#7 delta-BHC

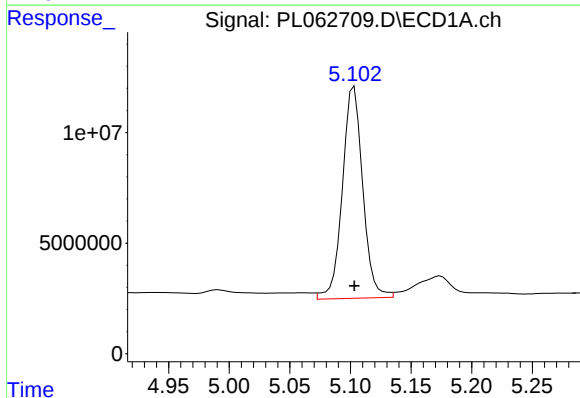
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 121653953  
Conc: 55.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



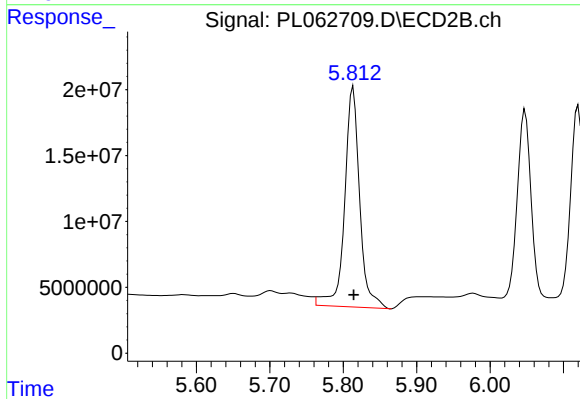
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: -0.001 min  
Response: 212223300  
Conc: 60.64 ng/ml



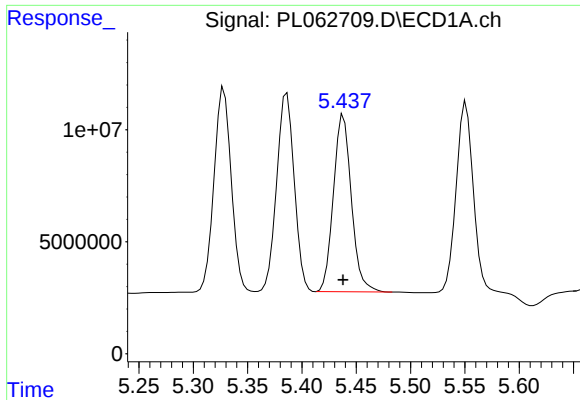
#8 Heptachlor epoxide

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 111759254  
Conc: 61.25 ng/ml



#8 Heptachlor epoxide

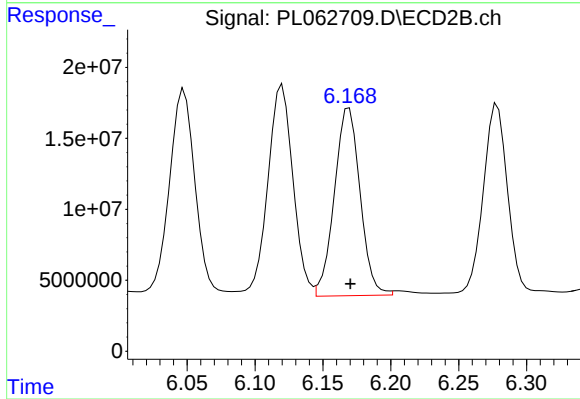
R.T.: 5.813 min  
Delta R.T.: -0.001 min  
Response: 238689071  
Conc: 73.70 ng/ml



#9 Endosulfan I

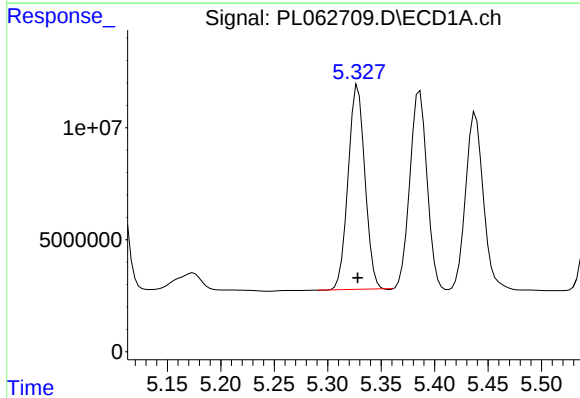
R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 90947402  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



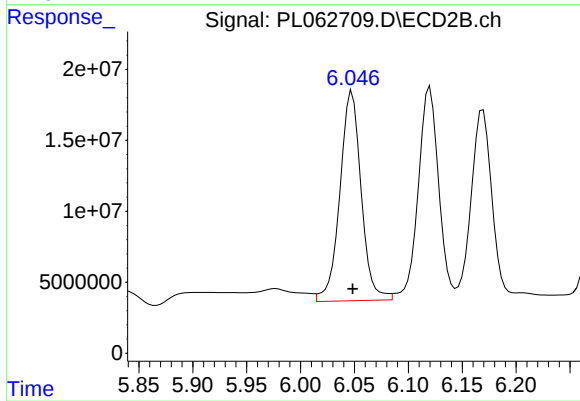
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 174590951  
Conc: 55.36 ng/ml



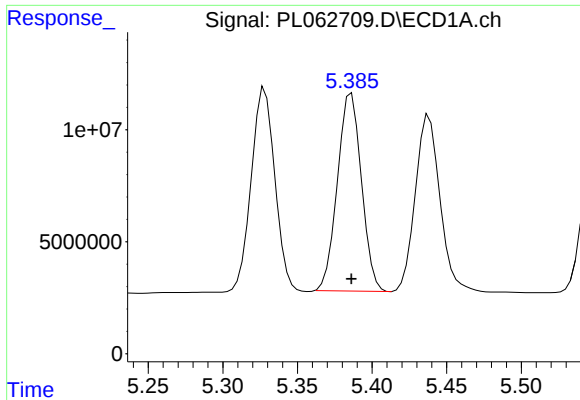
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 99730841  
Conc: 55.36 ng/ml



#10 gamma-Chlordane

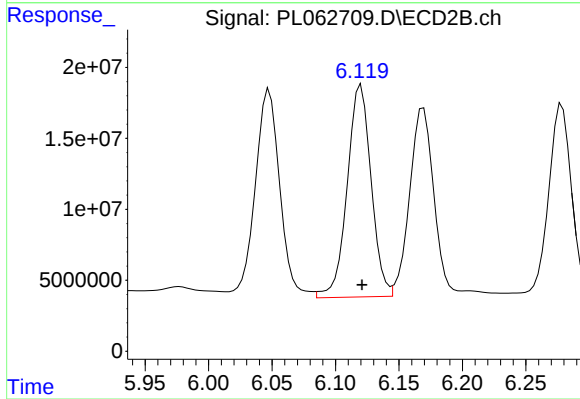
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 203518405  
Conc: 60.46 ng/ml



#11 alpha-Chlordane

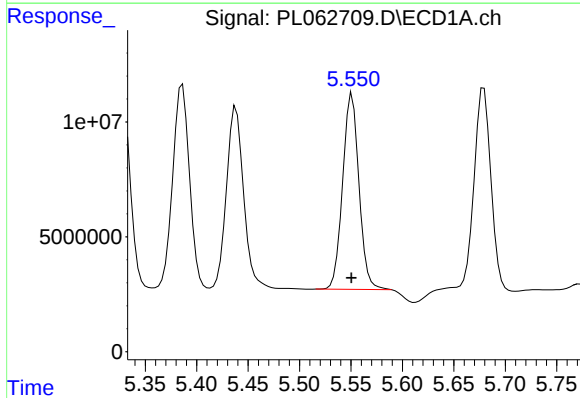
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 99192019  
Conc: 54.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



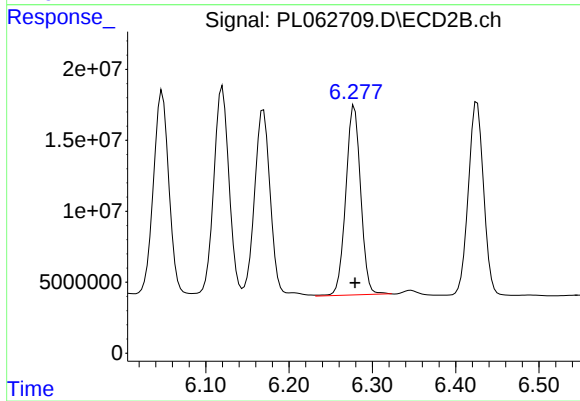
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: -0.001 min  
Response: 196325248  
Conc: 58.28 ng/ml



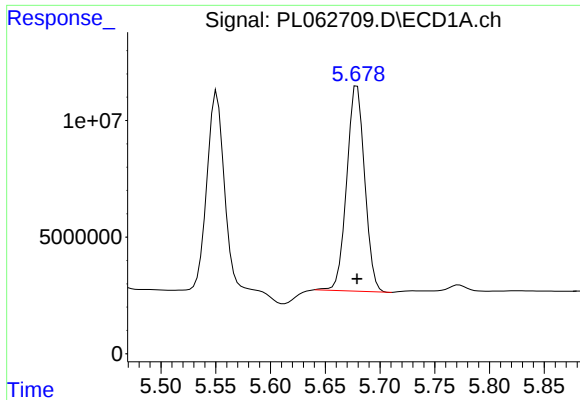
#12 4,4'-DDE

R.T.: 5.551 min  
Delta R.T.: 0.000 min  
Response: 94163977  
Conc: 56.92 ng/ml



#12 4,4'-DDE

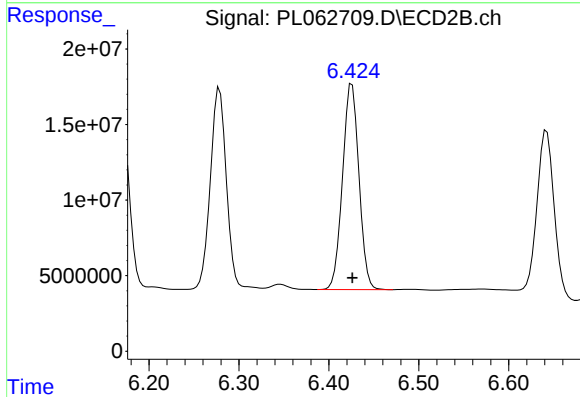
R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 164882396  
Conc: 51.17 ng/ml



#13 Dieldrin

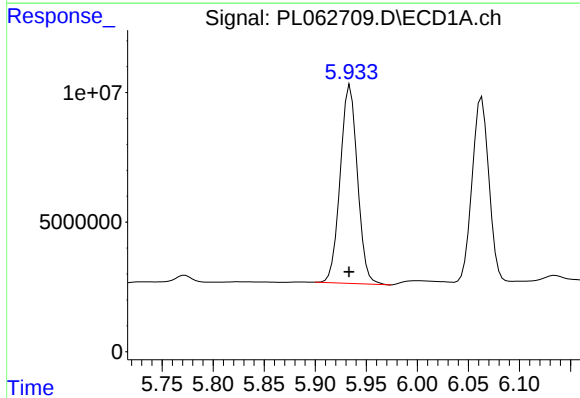
R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 100446376  
Conc: 56.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



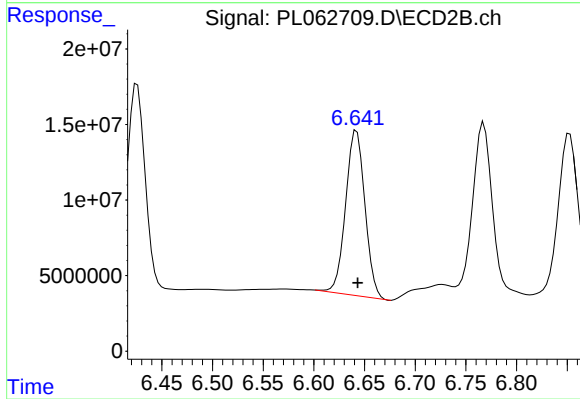
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 172646076  
Conc: 53.94 ng/ml



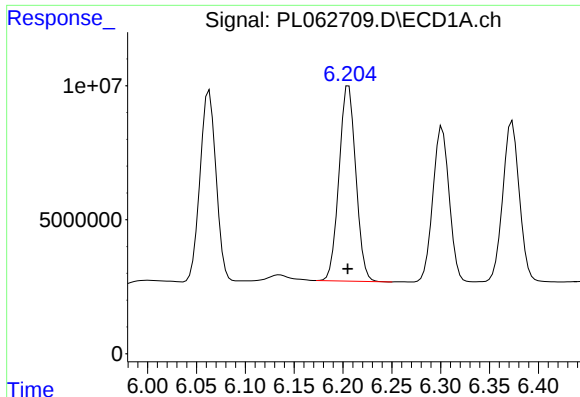
#14 Endrin

R.T.: 5.934 min  
Delta R.T.: 0.001 min  
Response: 90017470  
Conc: 54.10 ng/ml



#14 Endrin

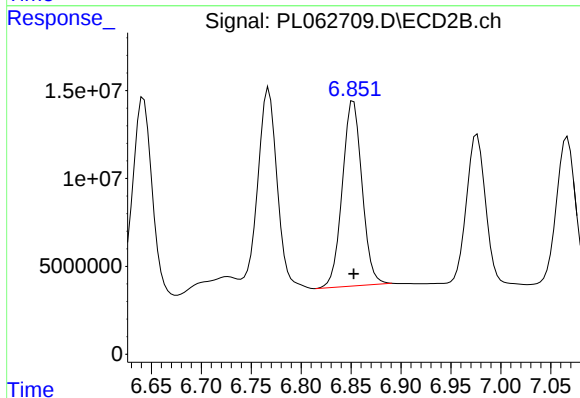
R.T.: 6.642 min  
Delta R.T.: -0.001 min  
Response: 144963634  
Conc: 51.94 ng/ml



#15 Endosulfan II

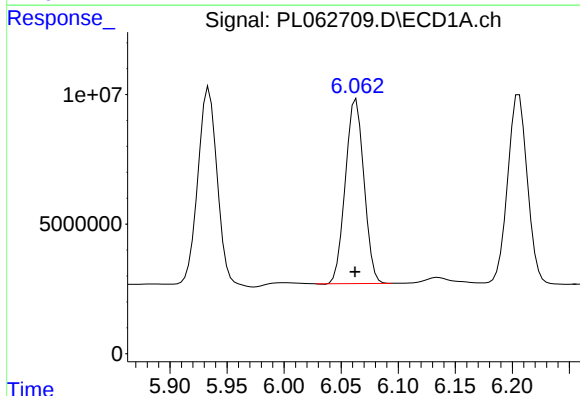
R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 87330024  
Conc: 52.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



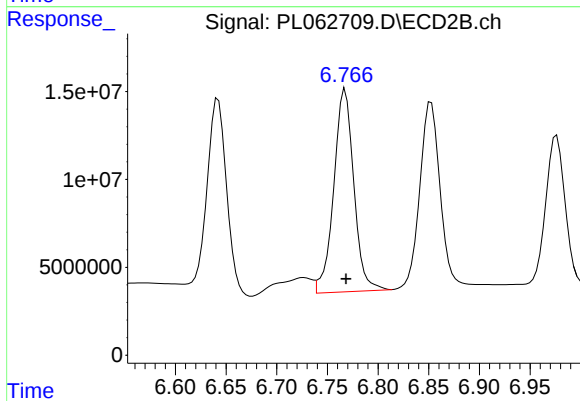
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 144242796  
Conc: 50.46 ng/ml



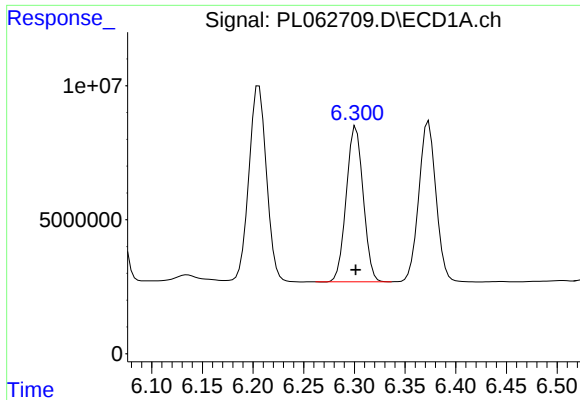
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.001 min  
Response: 80723246  
Conc: 57.07 ng/ml



#16 4,4'-DDD

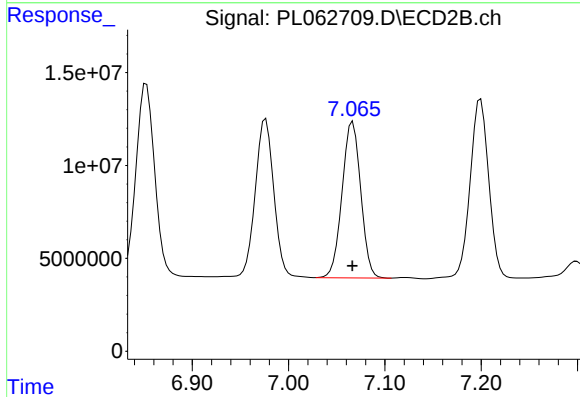
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 158998517  
Conc: 62.11 ng/ml



#17 4,4'-DDT

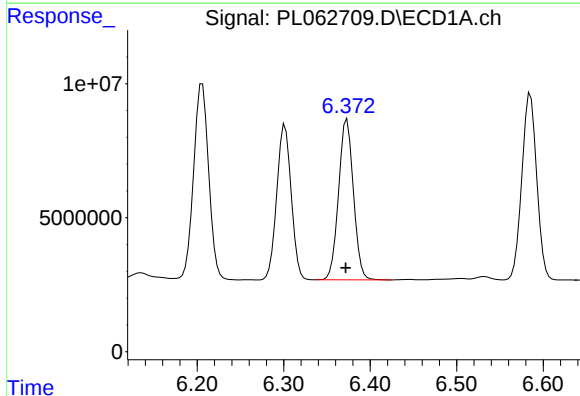
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 67283641  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



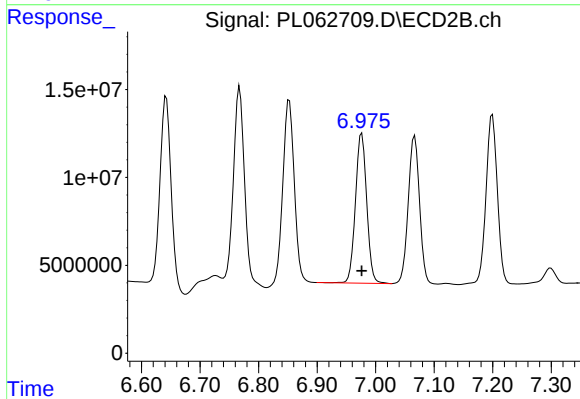
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 112870676  
Conc: 50.27 ng/ml



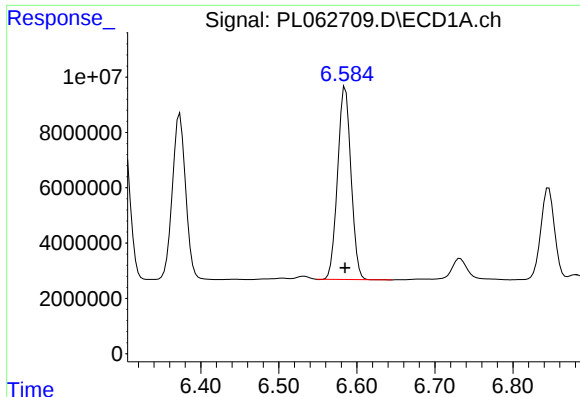
#18 Endrin aldehyde

R.T.: 6.373 min  
Delta R.T.: 0.001 min  
Response: 70997284  
Conc: 48.89 ng/ml



#18 Endrin aldehyde

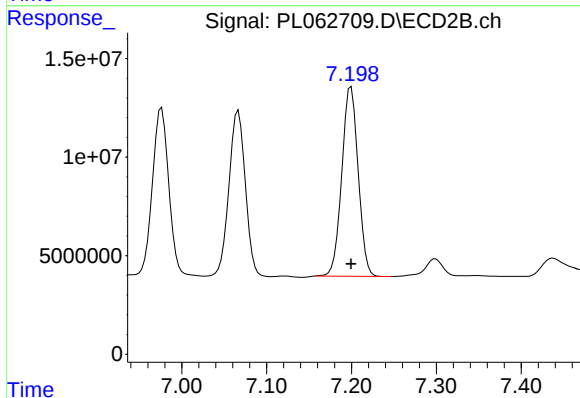
R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 113853138  
Conc: 49.92 ng/ml



#19 Endosulfan Sulfate

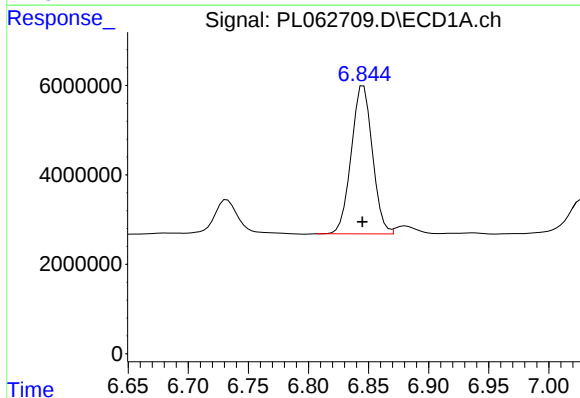
R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 82962243  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



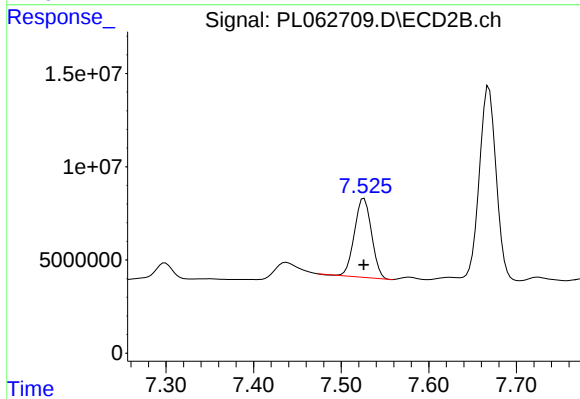
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 128646648  
Conc: 53.62 ng/ml



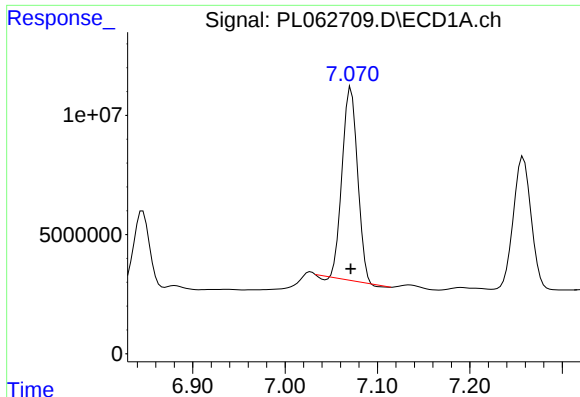
#20 Methoxychlor

R.T.: 6.846 min  
Delta R.T.: 0.000 min  
Response: 40663540  
Conc: 47.21 ng/ml



#20 Methoxychlor

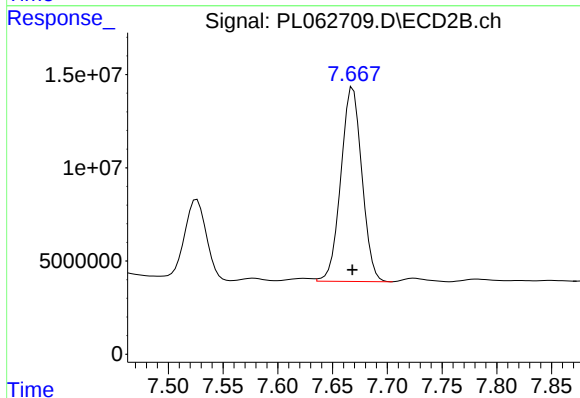
R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 57641156  
Conc: 46.65 ng/ml



#21 Endrin ketone

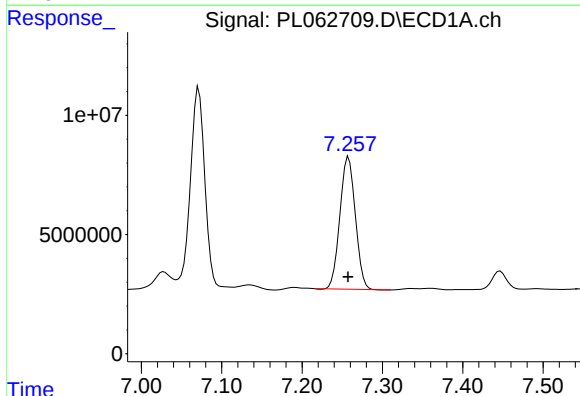
R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: 93750781  
Conc: 52.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



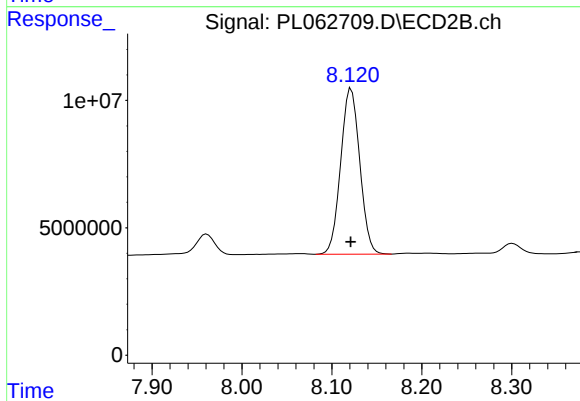
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 139277371  
Conc: 58.77 ng/ml



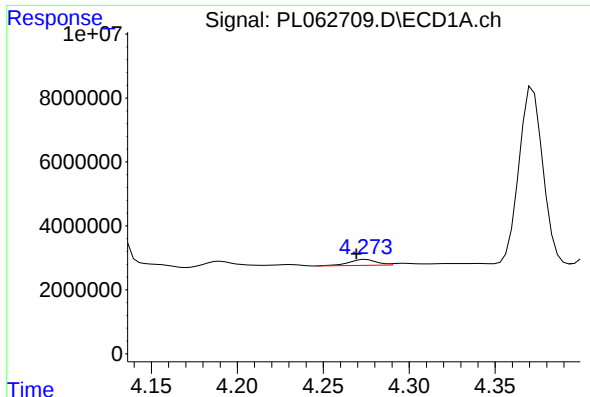
#22 Mirex

R.T.: 7.258 min  
Delta R.T.: 0.000 min  
Response: 74039342  
Conc: 52.23 ng/ml



#22 Mirex

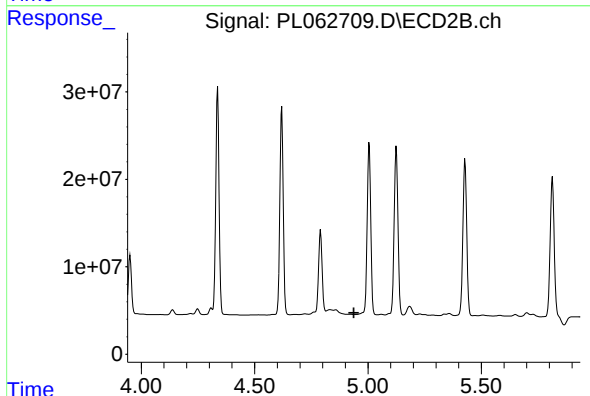
R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 96026066  
Conc: 56.35 ng/ml



#23 Chlordane-1

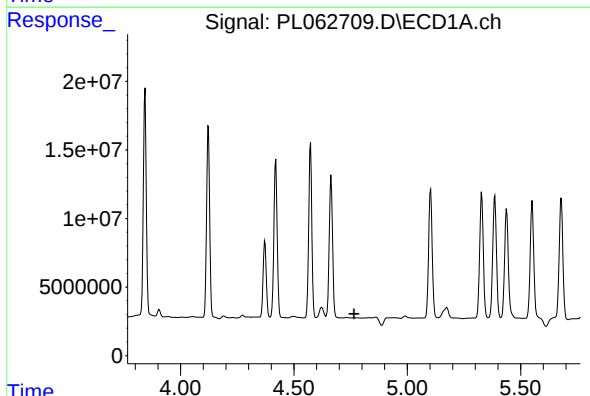
R.T.: 4.275 min  
Delta R.T.: 0.005 min  
Response: 2019953  
Conc: 39.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



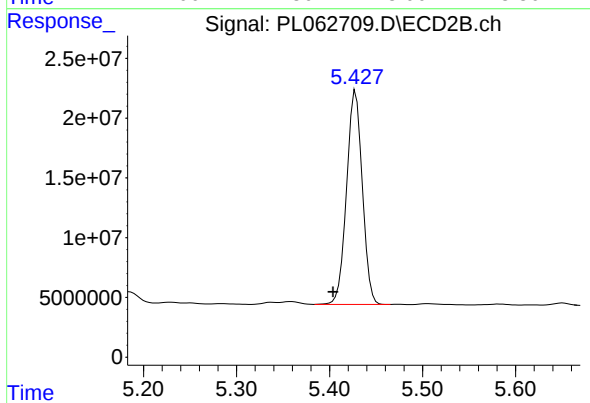
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.938 min  
Response: 0  
Conc: N.D.



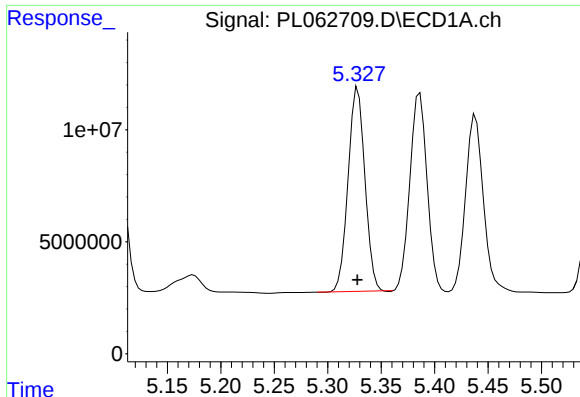
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.765 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

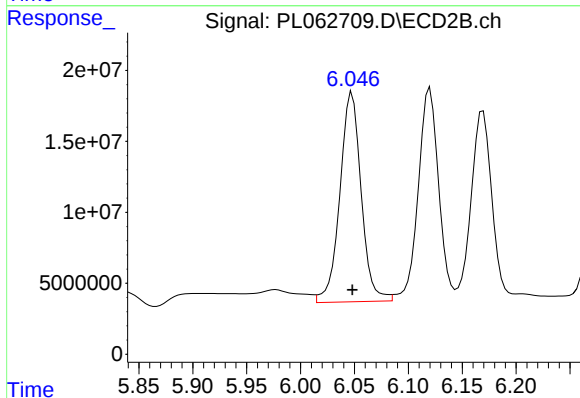
R.T.: 5.428 min  
Delta R.T.: 0.024 min  
Response: 210126411  
Conc: 1927.13 ng/ml



#25 Chlordane-3

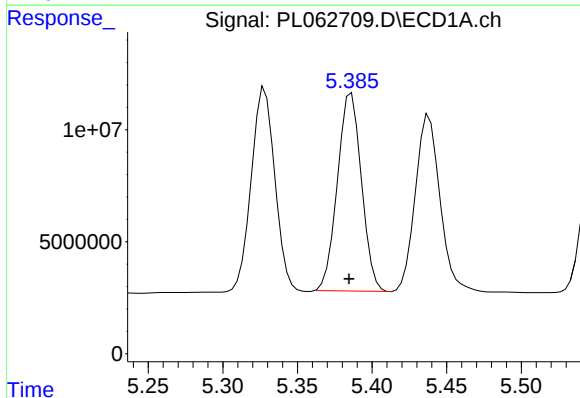
R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 99730841  
Conc: 651.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



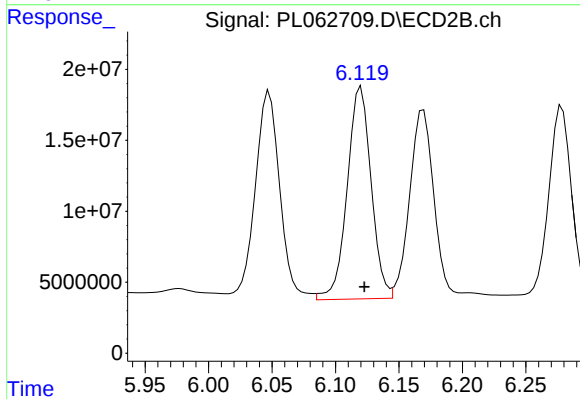
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 203518405  
Conc: 503.83 ng/ml



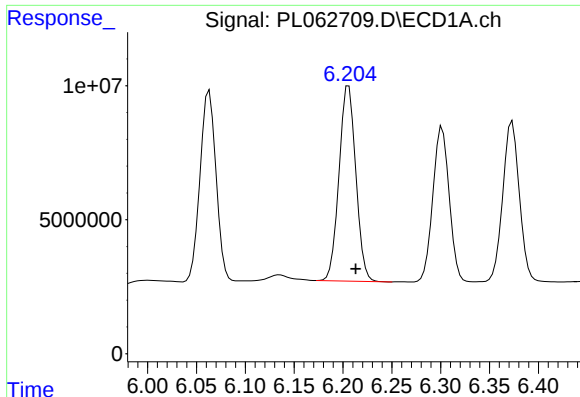
#26 Chlordane-4

R.T.: 5.386 min  
Delta R.T.: 0.002 min  
Response: 99192019  
Conc: 761.49 ng/ml



#26 Chlordane-4

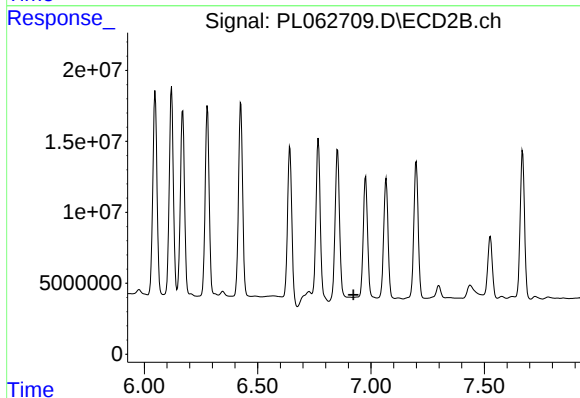
R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 196325248  
Conc: 405.39 ng/ml



#27 Chlordane-5

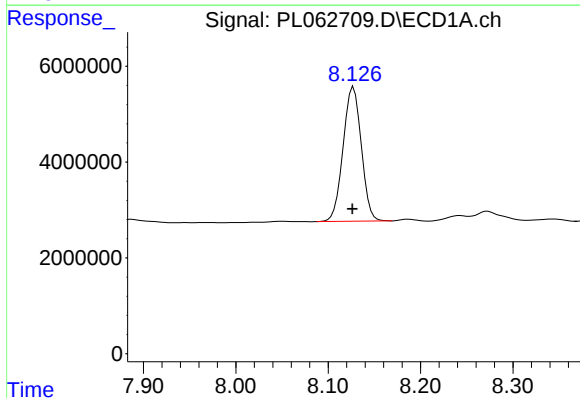
R.T.: 6.206 min  
Delta R.T.: -0.007 min  
Response: 87330024  
Conc: 1810.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



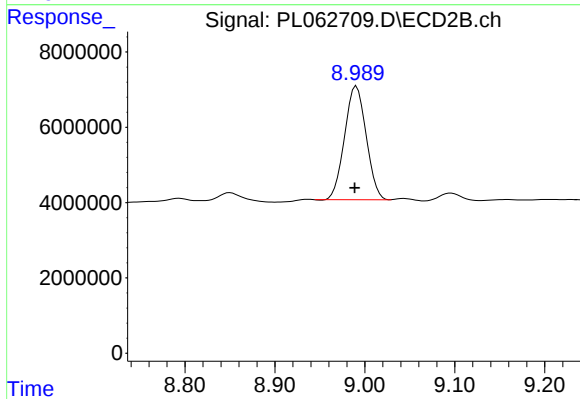
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.127 min  
Delta R.T.: 0.001 min  
Response: 38478767  
Conc: 23.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.002 min  
Response: 50339795  
Conc: 24.05 ng/ml