

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102720\  
 Data File : PL062609.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Oct 2020 11:01  
 Operator : DD\AJ  
 Sample : L4501-02MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 05:02:28 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... | 3.417  | 3.951  | 37653932 | 65234247 | 21.891   | 22.198     |
| 28)                         | SA Decachlor... | 8.134  | 8.993  | 35305183 | 47560011 | 22.007   | 22.724     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.849  | 4.338  | 141.8E6  | 257.1E6  | 55.601   | 57.858     |
| 3)                          | MA gamma-BHC... | 4.129  | 4.621  | 125.3E6  | 234.5E6  | 54.075   | 56.157     |
| 4)                          | MA Heptachlor   | 4.426  | 5.126  | 116.5E6  | 221.7E6  | 54.298   | 55.599     |
| 5)                          | MB Aldrin       | 4.671  | 5.430  | 105.5E6  | 206.0E6  | 55.255   | 56.903     |
| 6)                          | B beta-BHC      | 4.379  | 4.792  | 51413917 | 111.6E6  | 53.826   | 59.272     |
| 7)                          | B delta-BHC     | 4.579  | 5.006  | 113.0E6  | 180.2E6  | 51.991   | 51.493     |
| 8)                          | B Heptachlo...  | 5.110  | 5.816  | 107.3E6  | 180.5E6  | 58.804   | 55.741     |
| 9)                          | A Endosulfan I  | 5.445  | 6.172  | 89428075 | 164.0E6  | 53.498   | 51.986     |
| 10)                         | B gamma-Chl...  | 5.336  | 6.050  | 98077843 | 182.6E6  | 54.440   | 54.234     |
| 11)                         | B alpha-Chl...  | 5.394  | 6.123  | 97676924 | 182.8E6  | 54.032   | 54.249     |
| 12)                         | B 4,4'-DDE      | 5.558  | 6.281  | 92887231 | 174.1E6  | 56.144   | 54.035     |
| 13)                         | MA Dieldrin     | 5.687  | 6.428  | 96781752 | 171.4E6  | 54.773   | 53.545     |
| 14)                         | MA Endrin       | 5.941  | 6.645  | 85900063 | 140.0E6  | 51.630   | 50.161     |
| 15)                         | B Endosulfa...  | 6.213  | 6.854  | 82389804 | 140.6E6  | 49.974   | 49.174     |
| 16)                         | A 4,4'-DDD      | 6.071  | 6.770  | 77179274 | 141.8E6  | 54.563   | 55.397     |
| 17)                         | MA 4,4'-DDT     | 6.308  | 7.068  | 72134932 | 124.0E6  | 54.051   | 55.220     |
| 18)                         | B Endrin al...  | 6.380  | 6.978  | 69823885 | 114.4E6  | 48.085   | 50.160     |
| 19)                         | B Endosulfa...  | 6.592  | 7.201  | 76296512 | 125.6E6  | 46.234   | 52.357     |
| 20)                         | A Methoxychlor  | 6.853  | 7.528  | 40800642 | 62396157 | 47.371   | 50.503     |
| 21)                         | B Endrin ke...  | 7.079  | 7.670  | 97968150 | 133.8E6  | 54.336   | 56.471     |
| 22)                         | Mirex           | 7.265  | 8.123  | 75643273 | 98480551 | 53.357   | 57.791     |
| 23)                         | Chlordane-1     | 4.281  | 0.000  | 887227   | 0        | 17.211   | N.D. #     |
| 24)                         | Chlordane-2     | 4.741f | 5.430f | 1318199  | 206.0E6  | 22.870   | 1888.900 # |
| 25)                         | Chlordane-3     | 5.336  | 6.050  | 98077843 | 182.6E6  | 640.492  | 451.974 #  |
| 26)                         | Chlordane-4     | 5.394  | 6.123  | 97676924 | 182.8E6  | 749.857  | 377.380 #  |
| 27)                         | Chlordane-5     | 6.213  | 0.000  | 82389804 | 0        | 1707.715 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

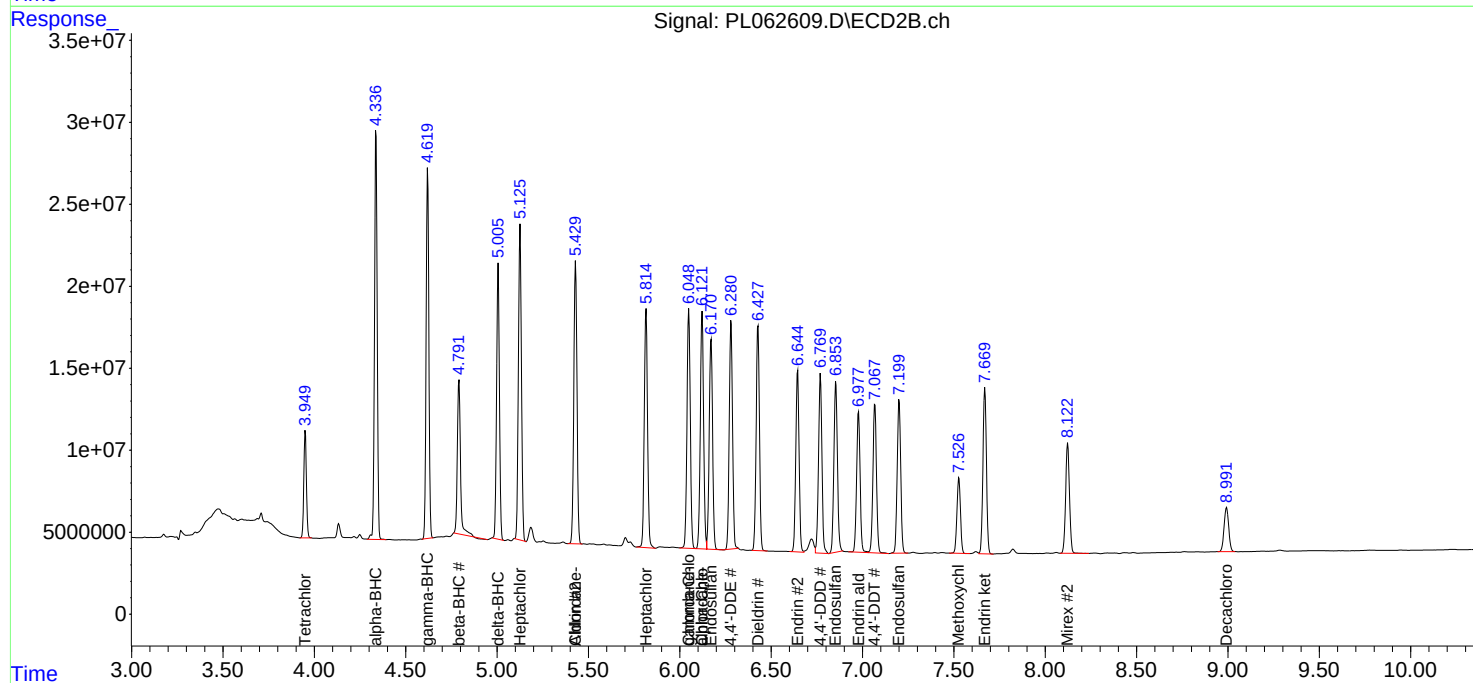
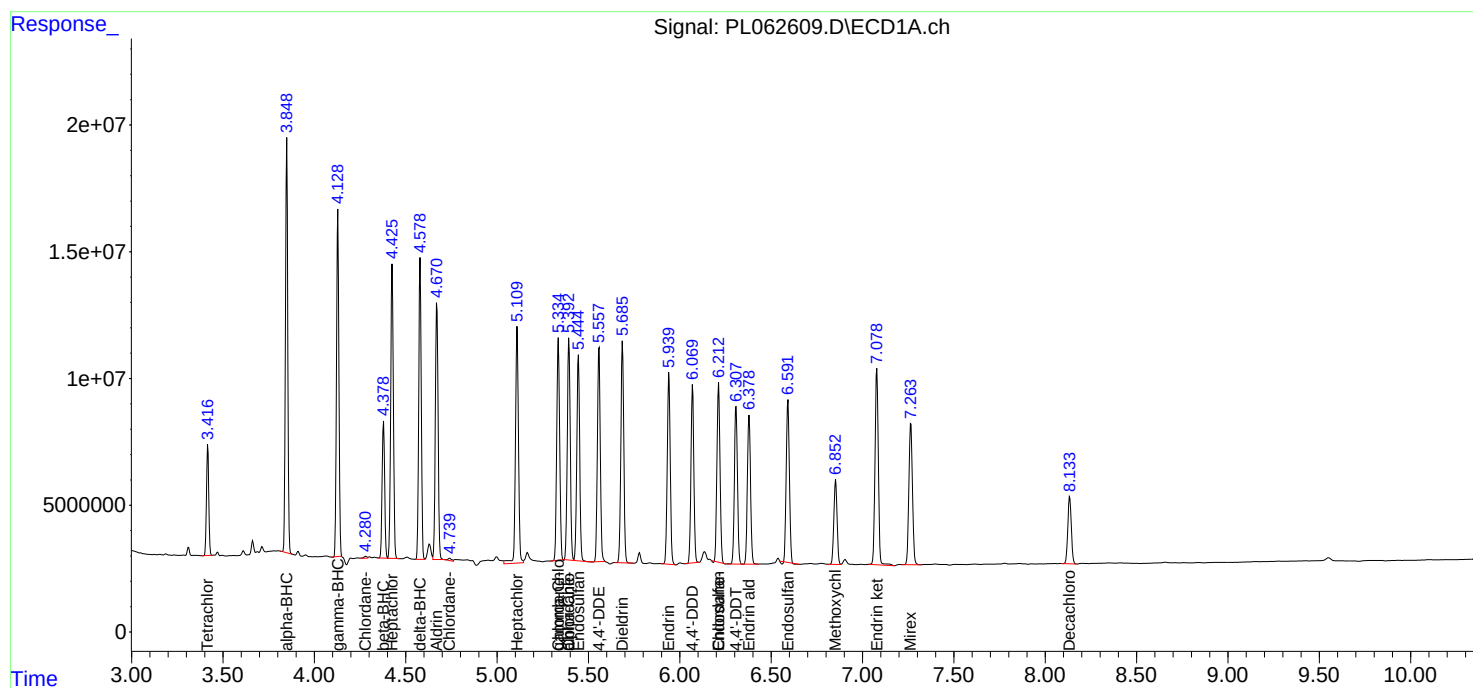
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

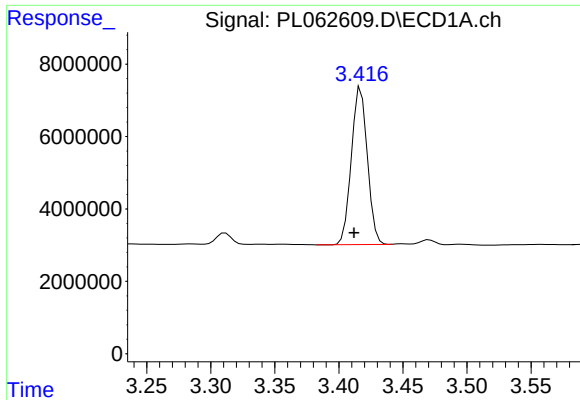
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102720\  
Data File : PL062609.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Oct 2020 11:01  
Operator : DD\AJ  
Sample : L4501-02MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 05:02:28 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

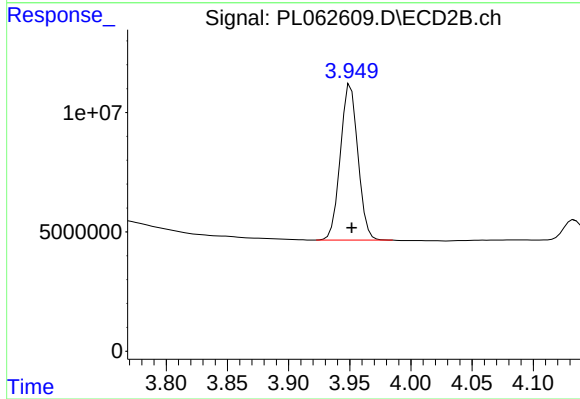




#1 Tetrachloro-m-xylene

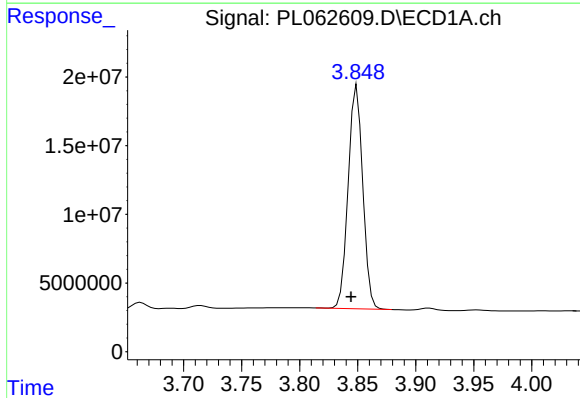
R.T.: 3.417 min  
Delta R.T.: 0.005 min  
Response: 37653932  
Conc: 21.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



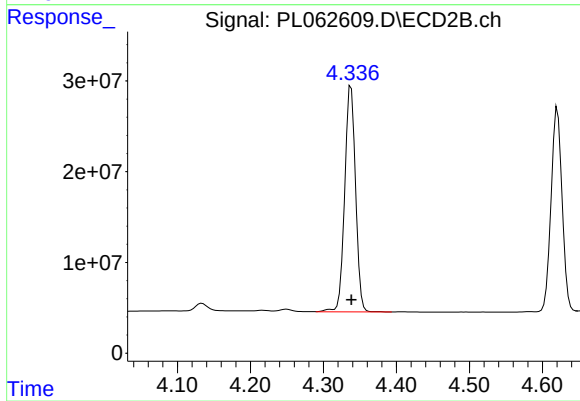
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 65234247  
Conc: 22.20 ng/ml



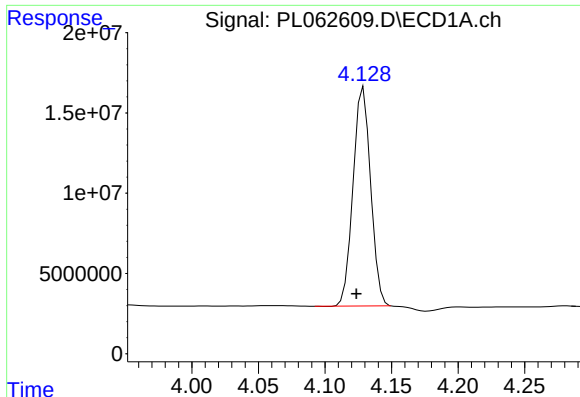
#2 alpha-BHC

R.T.: 3.849 min  
Delta R.T.: 0.005 min  
Response: 141764609  
Conc: 55.60 ng/ml



#2 alpha-BHC

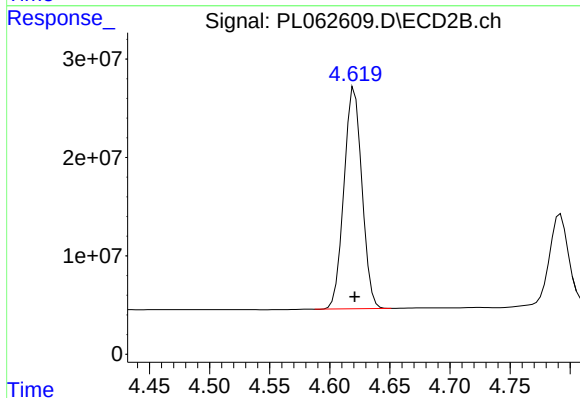
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 257075736  
Conc: 57.86 ng/ml



#3 gamma-BHC (Lindane)

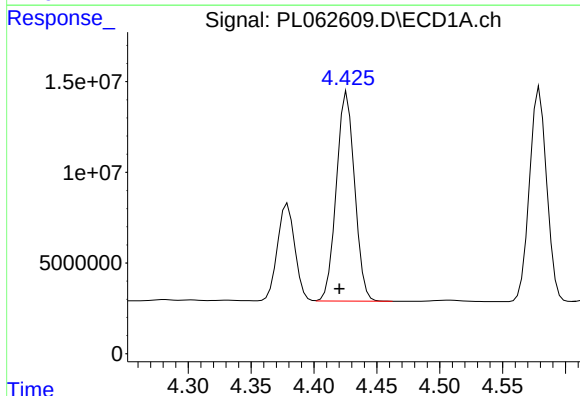
R.T.: 4.129 min  
Delta R.T.: 0.005 min  
Response: 125275185  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



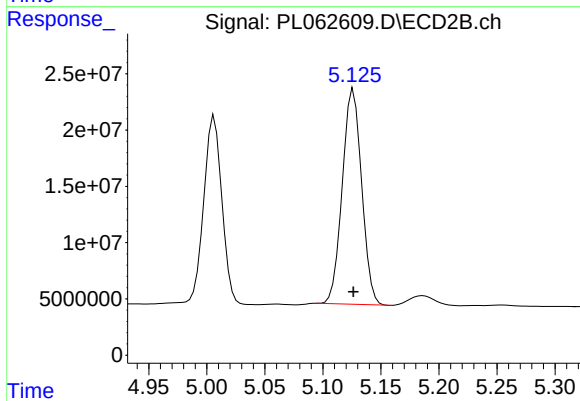
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 234494758  
Conc: 56.16 ng/ml



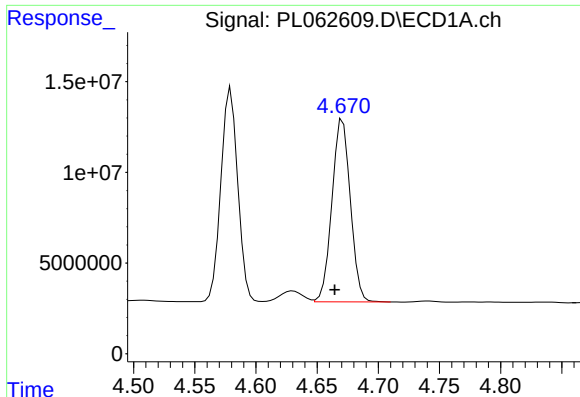
#4 Heptachlor

R.T.: 4.426 min  
Delta R.T.: 0.006 min  
Response: 116511659  
Conc: 54.30 ng/ml



#4 Heptachlor

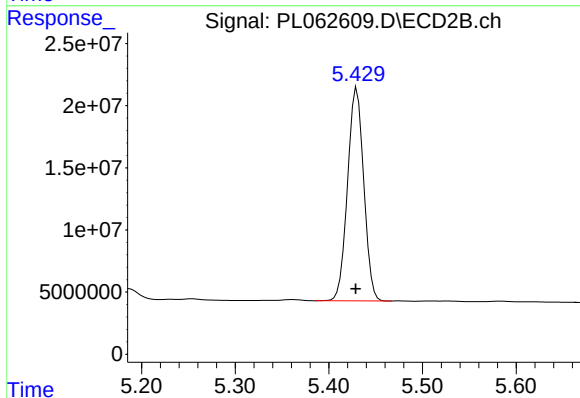
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 221723838  
Conc: 55.60 ng/ml



#5 Aldrin

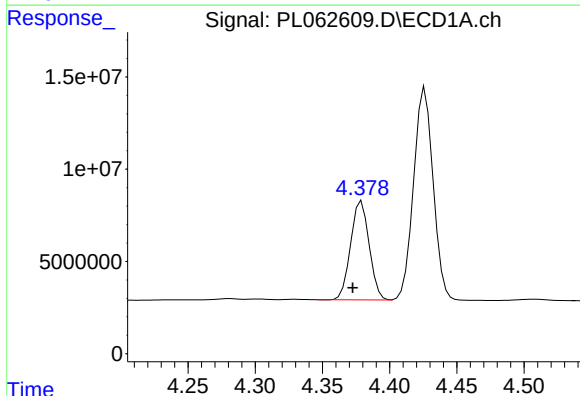
R.T.: 4.671 min  
Delta R.T.: 0.007 min  
Response: 105468125  
Conc: 55.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



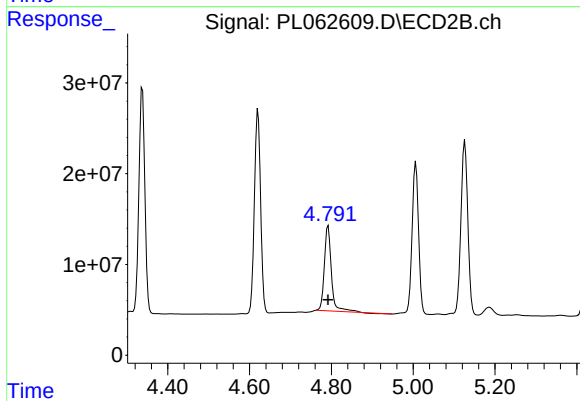
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: 0.001 min  
Response: 205957975  
Conc: 56.90 ng/ml



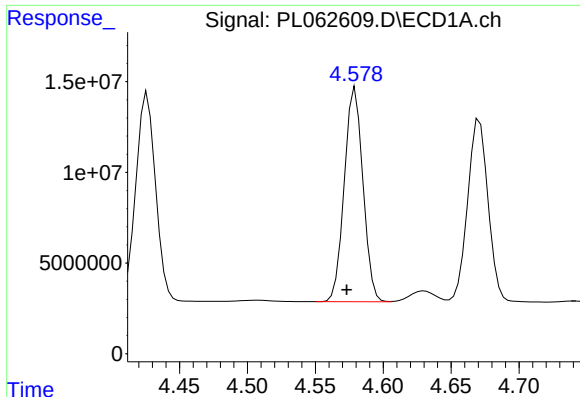
#6 beta-BHC

R.T.: 4.379 min  
Delta R.T.: 0.007 min  
Response: 51413917  
Conc: 53.83 ng/ml



#6 beta-BHC

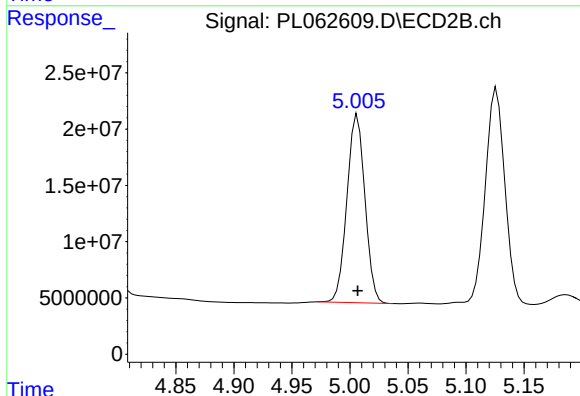
R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 111610720  
Conc: 59.27 ng/ml



#7 delta-BHC

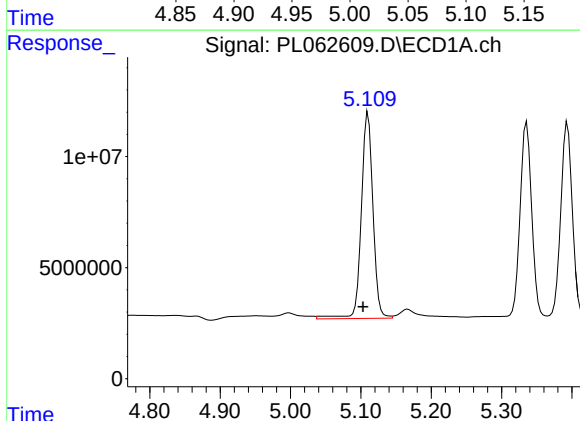
R.T.: 4.579 min  
Delta R.T.: 0.006 min  
Response: 112987377  
Conc: 51.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



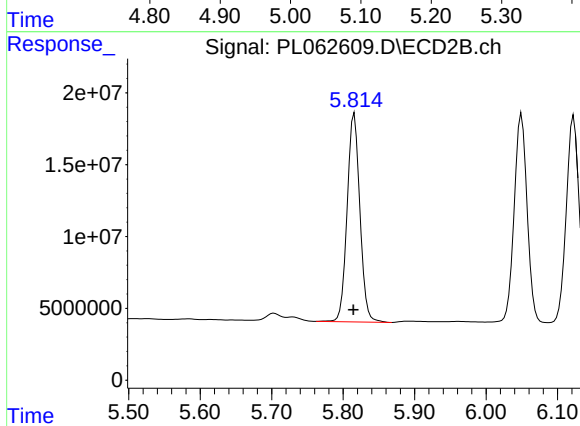
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 180197821  
Conc: 51.49 ng/ml



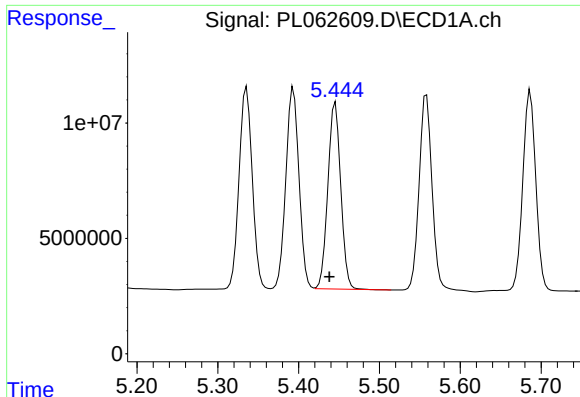
#8 Heptachlor epoxide

R.T.: 5.110 min  
Delta R.T.: 0.007 min  
Response: 107293649  
Conc: 58.80 ng/ml



#8 Heptachlor epoxide

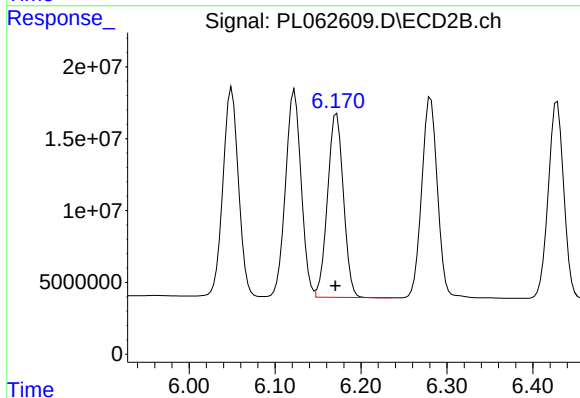
R.T.: 5.816 min  
Delta R.T.: 0.001 min  
Response: 180524459  
Conc: 55.74 ng/ml



#9 Endosulfan I

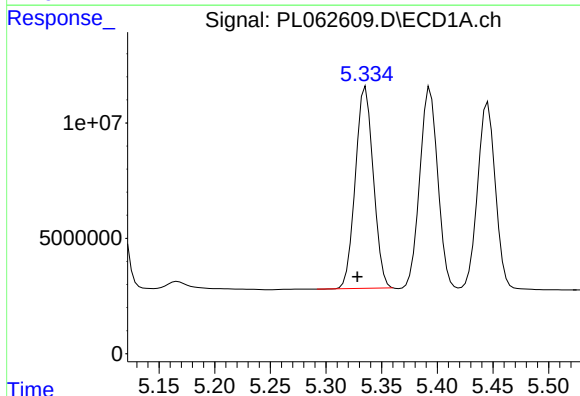
R.T.: 5.445 min  
Delta R.T.: 0.008 min  
Response: 89428075  
Conc: 53.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



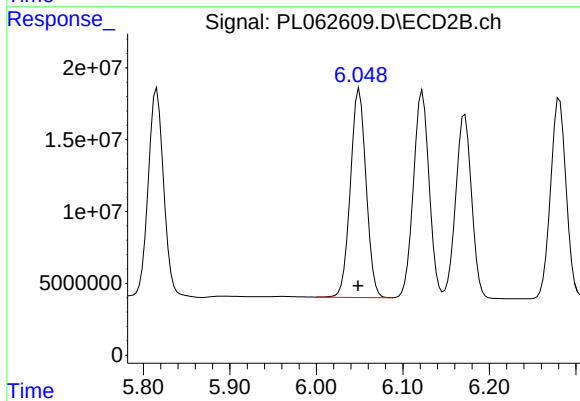
#9 Endosulfan I

R.T.: 6.172 min  
Delta R.T.: 0.002 min  
Response: 163953916  
Conc: 51.99 ng/ml



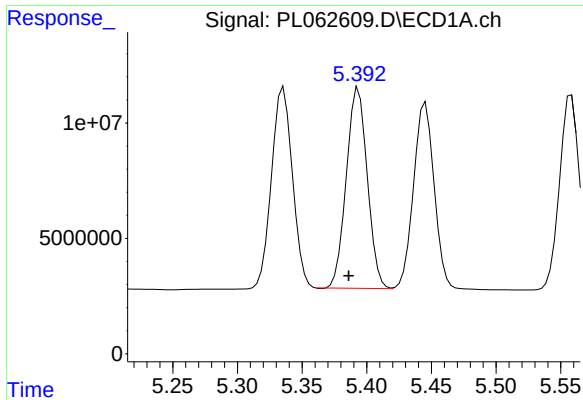
#10 gamma-Chlordane

R.T.: 5.336 min  
Delta R.T.: 0.007 min  
Response: 98077843  
Conc: 54.44 ng/ml



#10 gamma-Chlordane

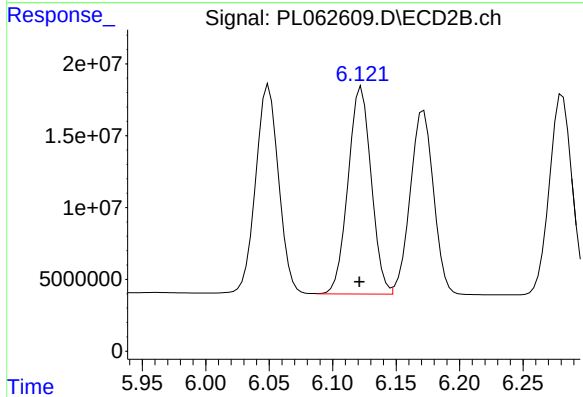
R.T.: 6.050 min  
Delta R.T.: 0.001 min  
Response: 182570728  
Conc: 54.23 ng/ml



#11 alpha-Chlordane

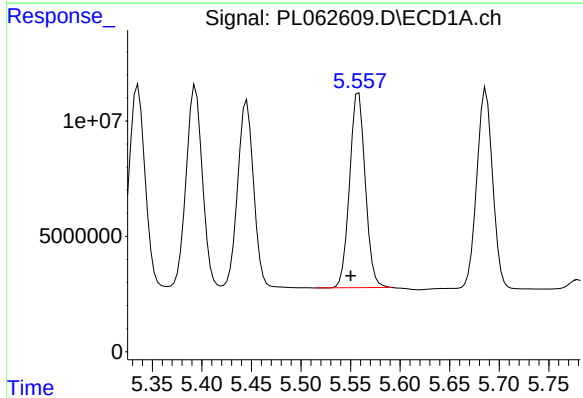
R.T.: 5.394 min  
Delta R.T.: 0.008 min  
Response: 97676924  
Conc: 54.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



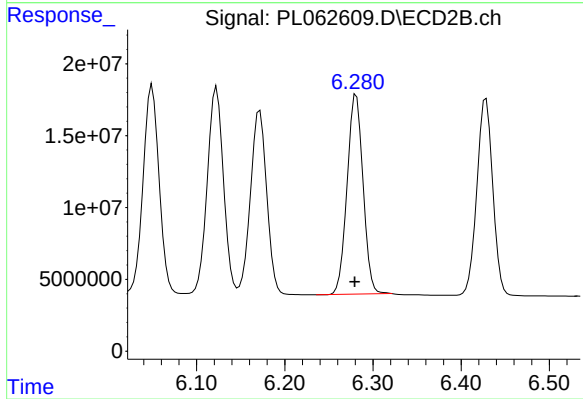
#11 alpha-Chlordane

R.T.: 6.123 min  
Delta R.T.: 0.002 min  
Response: 182759912  
Conc: 54.25 ng/ml



#12 4,4'-DDE

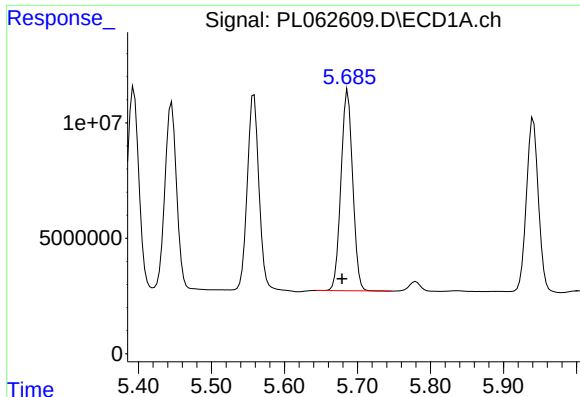
R.T.: 5.558 min  
Delta R.T.: 0.008 min  
Response: 92887231  
Conc: 56.14 ng/ml



#12 4,4'-DDE

R.T.: 6.281 min  
Delta R.T.: 0.002 min  
Response: 174102745  
Conc: 54.04 ng/ml

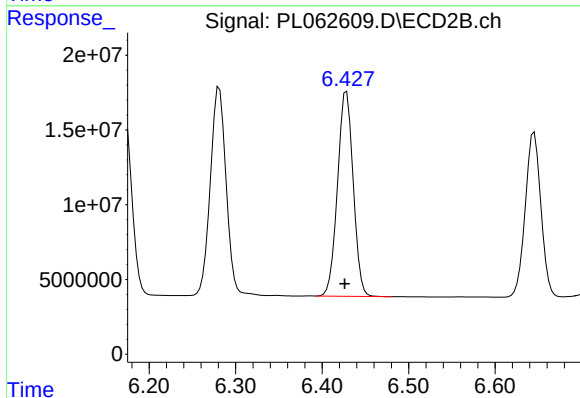




#13 Dieldrin

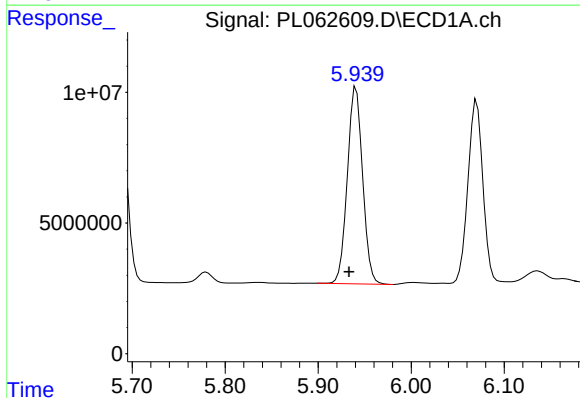
R.T.: 5.687 min  
Delta R.T.: 0.008 min  
Response: 96781752  
Conc: 54.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



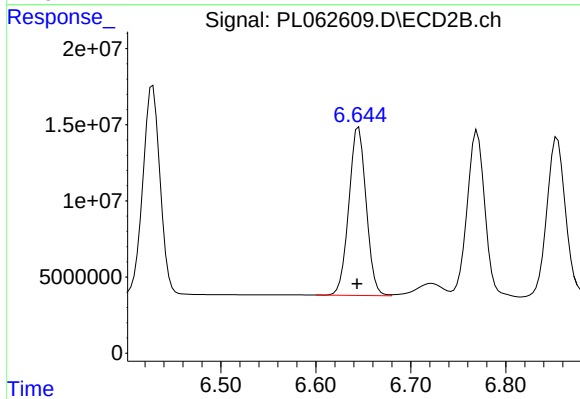
#13 Dieldrin

R.T.: 6.428 min  
Delta R.T.: 0.002 min  
Response: 171390535  
Conc: 53.55 ng/ml



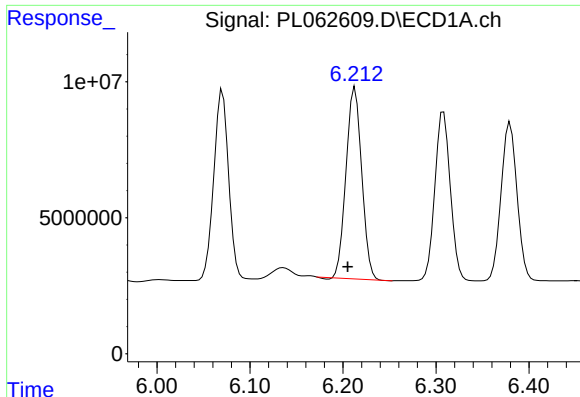
#14 Endrin

R.T.: 5.941 min  
Delta R.T.: 0.008 min  
Response: 85900063  
Conc: 51.63 ng/ml



#14 Endrin

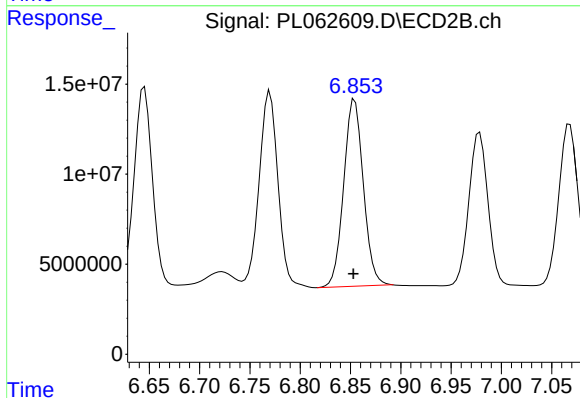
R.T.: 6.645 min  
Delta R.T.: 0.002 min  
Response: 140003948  
Conc: 50.16 ng/ml



#15 Endosulfan II

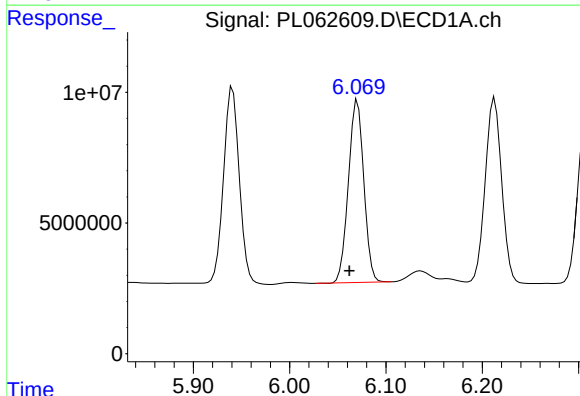
R.T.: 6.213 min  
Delta R.T.: 0.008 min  
Response: 82389804  
Conc: 49.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



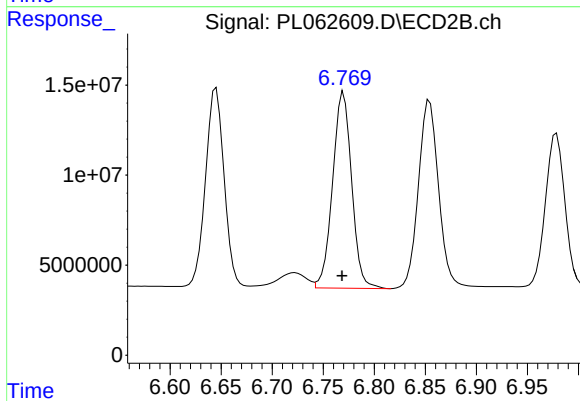
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.001 min  
Response: 140570538  
Conc: 49.17 ng/ml



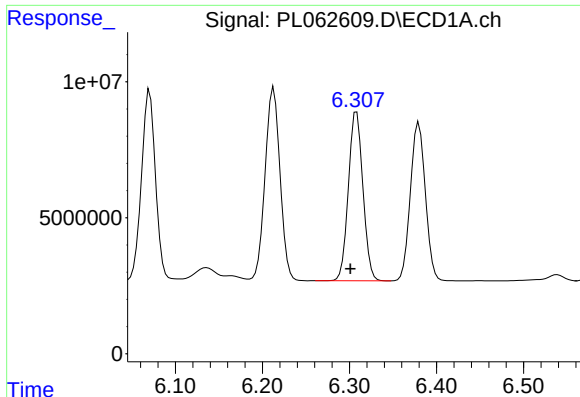
#16 4,4'-DDD

R.T.: 6.071 min  
Delta R.T.: 0.008 min  
Response: 77179274  
Conc: 54.56 ng/ml



#16 4,4'-DDD

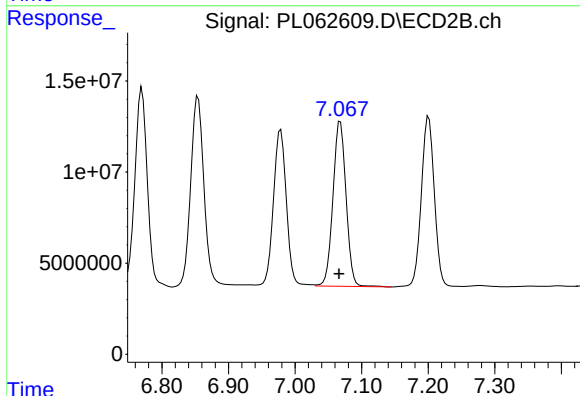
R.T.: 6.770 min  
Delta R.T.: 0.002 min  
Response: 141815681  
Conc: 55.40 ng/ml



#17 4,4'-DDT

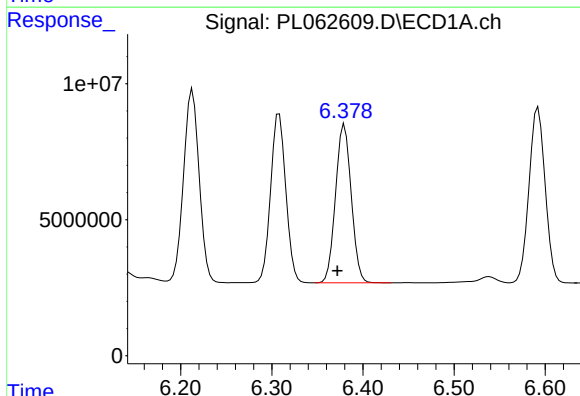
R.T.: 6.308 min  
Delta R.T.: 0.007 min  
Response: 72134932  
Conc: 54.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



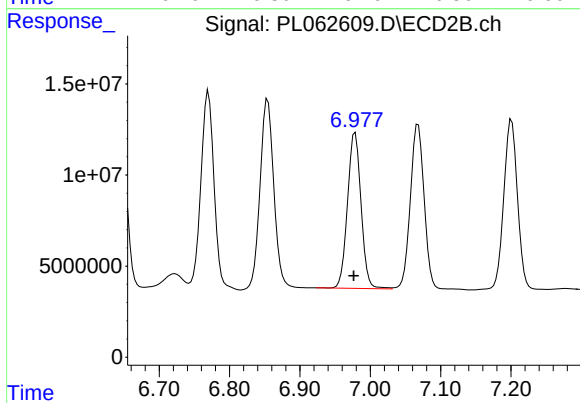
#17 4,4'-DDT

R.T.: 7.068 min  
Delta R.T.: 0.002 min  
Response: 123983709  
Conc: 55.22 ng/ml



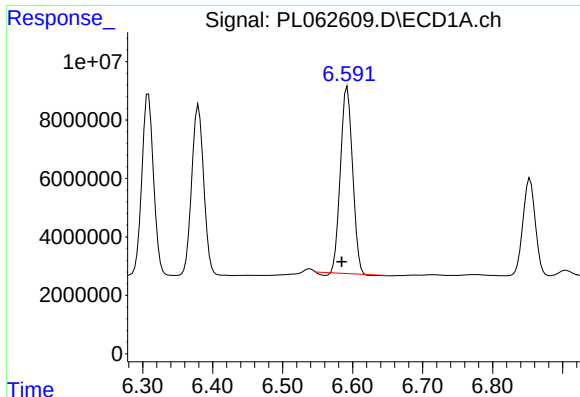
#18 Endrin aldehyde

R.T.: 6.380 min  
Delta R.T.: 0.008 min  
Response: 69823885  
Conc: 48.09 ng/ml



#18 Endrin aldehyde

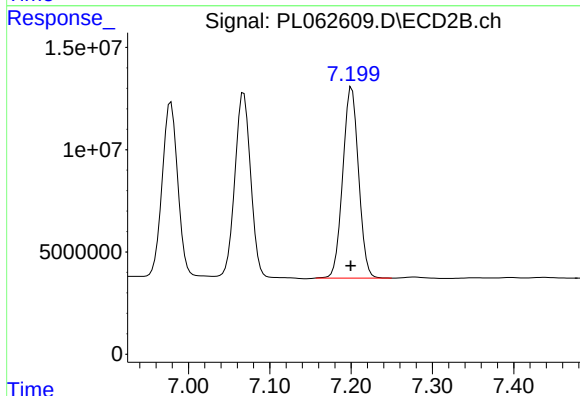
R.T.: 6.978 min  
Delta R.T.: 0.002 min  
Response: 114394150  
Conc: 50.16 ng/ml



#19 Endosulfan Sulfate

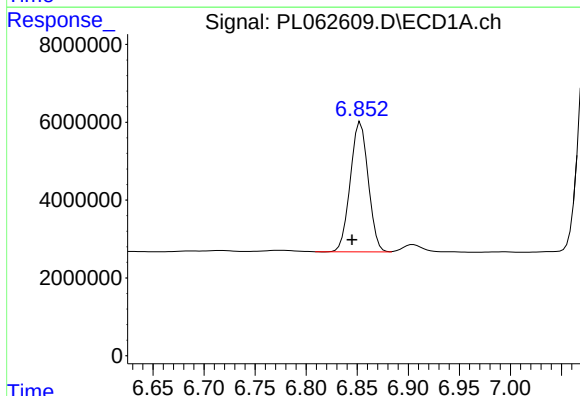
R.T.: 6.592 min  
Delta R.T.: 0.008 min  
Response: 76296512  
Conc: 46.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



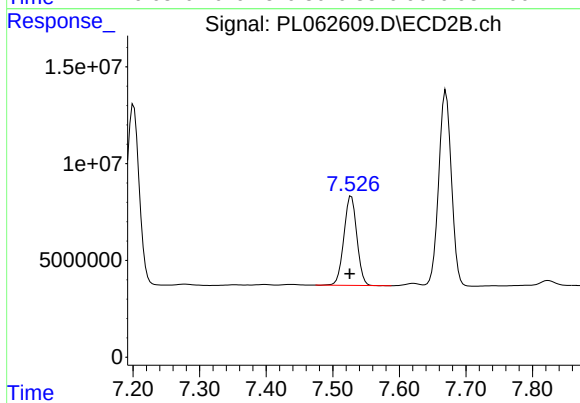
#19 Endosulfan Sulfate

R.T.: 7.201 min  
Delta R.T.: 0.001 min  
Response: 125615858  
Conc: 52.36 ng/ml



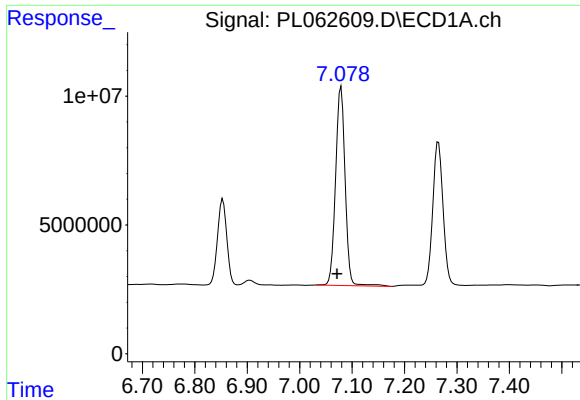
#20 Methoxychlor

R.T.: 6.853 min  
Delta R.T.: 0.008 min  
Response: 40800642  
Conc: 47.37 ng/ml



#20 Methoxychlor

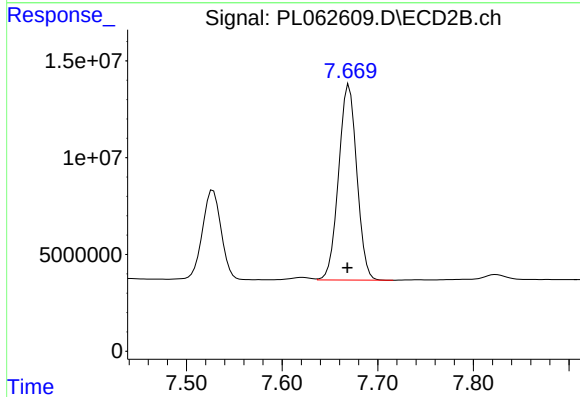
R.T.: 7.528 min  
Delta R.T.: 0.002 min  
Response: 62396157  
Conc: 50.50 ng/ml



#21 Endrin ketone

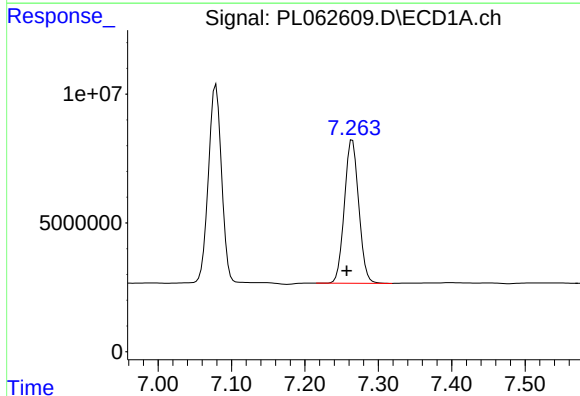
R.T.: 7.079 min  
Delta R.T.: 0.008 min  
Response: 97968150  
Conc: 54.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



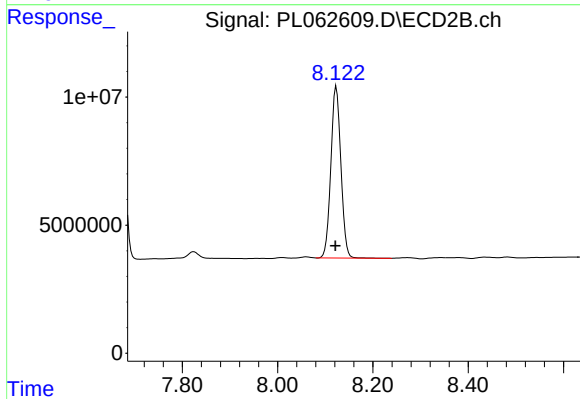
#21 Endrin ketone

R.T.: 7.670 min  
Delta R.T.: 0.002 min  
Response: 133825904  
Conc: 56.47 ng/ml



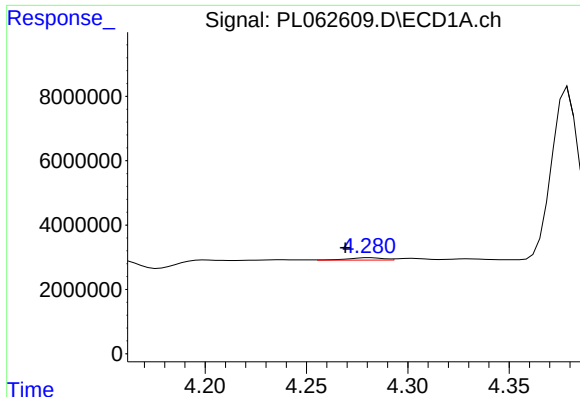
#22 Mirex

R.T.: 7.265 min  
Delta R.T.: 0.008 min  
Response: 75643273  
Conc: 53.36 ng/ml



#22 Mirex

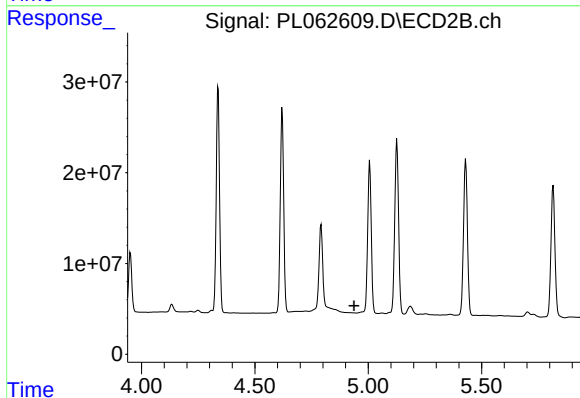
R.T.: 8.123 min  
Delta R.T.: 0.002 min  
Response: 98480551  
Conc: 57.79 ng/ml



#23 Chlordane-1

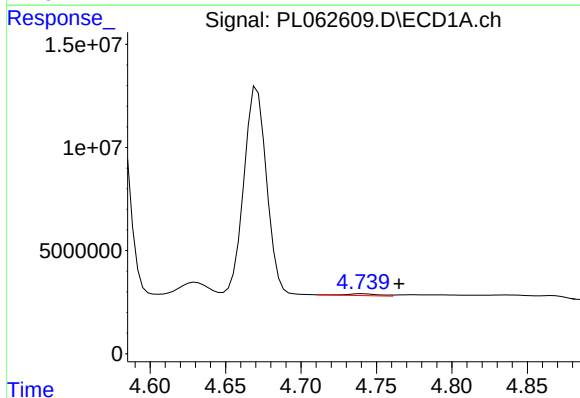
R.T.: 4.281 min  
Delta R.T.: 0.012 min  
Response: 887227  
Conc: 17.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



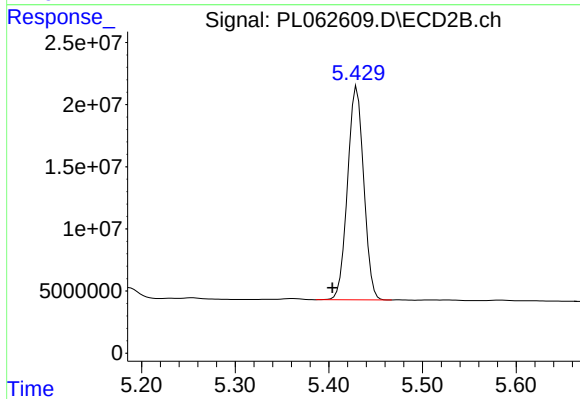
#23 Chlordane-1

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



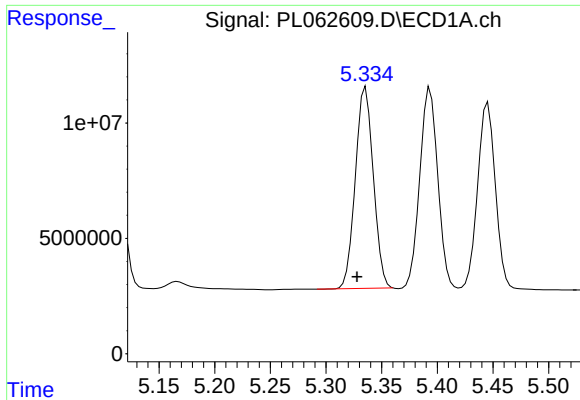
#24 Chlordane-2

R.T.: 4.741 min  
Delta R.T.: -0.024 min  
Response: 1318199  
Conc: 22.87 ng/ml



#24 Chlordane-2

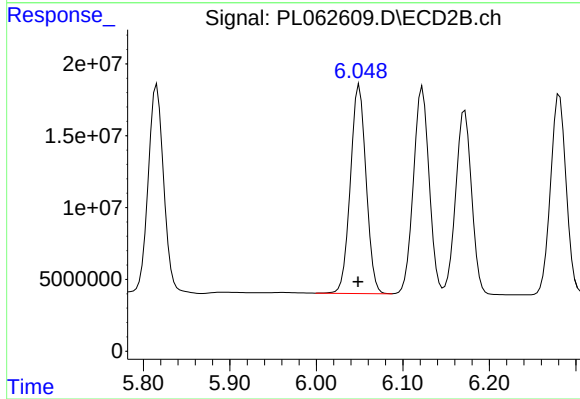
R.T.: 5.430 min  
Delta R.T.: 0.026 min  
Response: 205957975  
Conc: 1888.90 ng/ml



#25 Chlordane-3

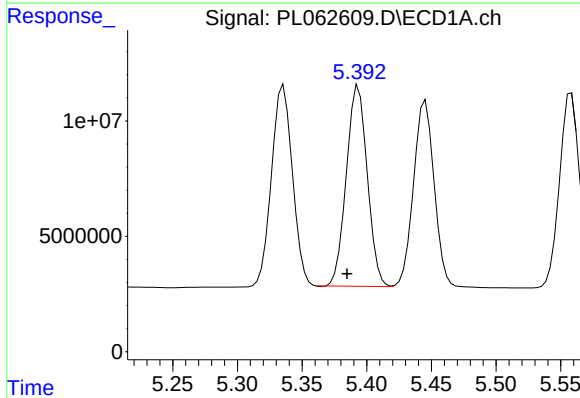
R.T.: 5.336 min  
Delta R.T.: 0.008 min  
Response: 98077843  
Conc: 640.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



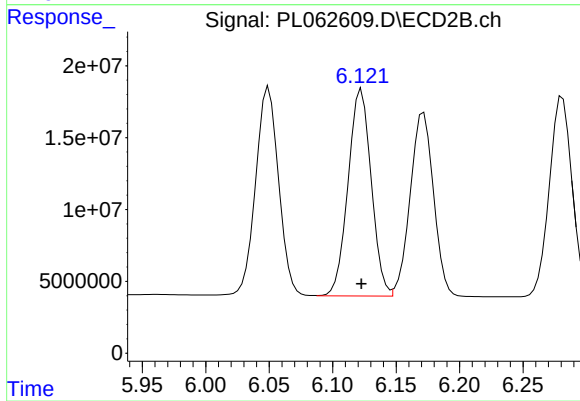
#25 Chlordane-3

R.T.: 6.050 min  
Delta R.T.: 0.001 min  
Response: 182570728  
Conc: 451.97 ng/ml



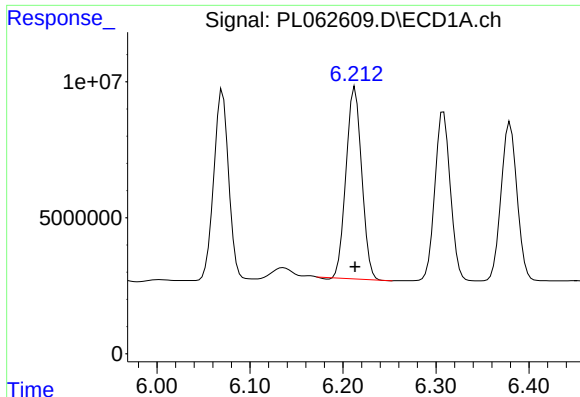
#26 Chlordane-4

R.T.: 5.394 min  
Delta R.T.: 0.009 min  
Response: 97676924  
Conc: 749.86 ng/ml



#26 Chlordane-4

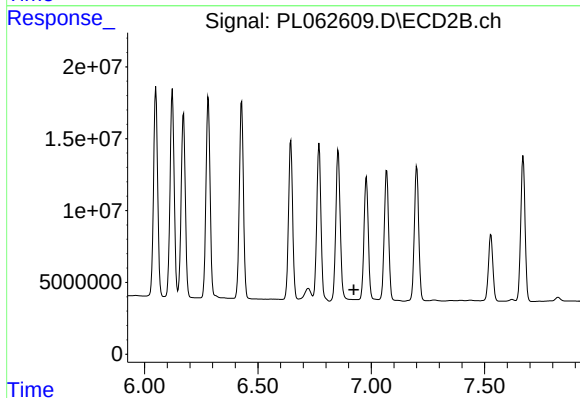
R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 182759912  
Conc: 377.38 ng/ml



#27 Chlordane-5

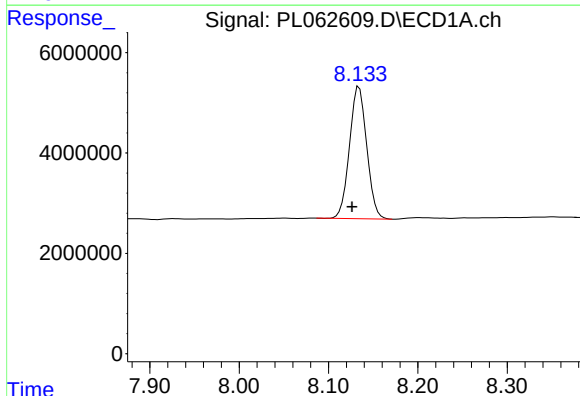
R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 82389804  
Conc: 1707.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



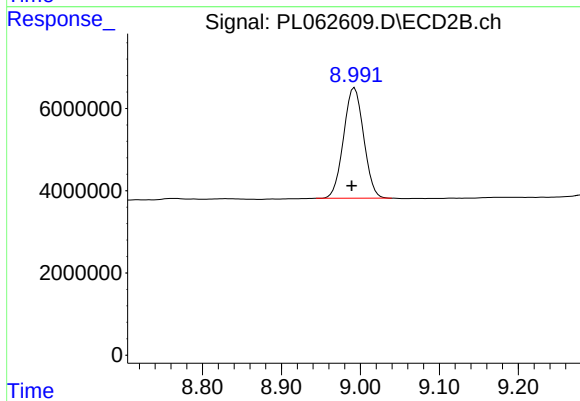
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.134 min  
Delta R.T.: 0.008 min  
Response: 35305183  
Conc: 22.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.993 min  
Delta R.T.: 0.004 min  
Response: 47560011  
Conc: 22.72 ng/ml