

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072320\  
 Data File : PL060129.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2020 12:49  
 Operator : DD\AJ  
 Sample : L3378-14MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 DRUM-COMPMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 01:57:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.465 | 4.013  | 44109640 | 58625569 | 22.805   | 22.121     |
| 28)                         | SA Decachlor... | 8.223 | 9.098  | 28906675 | 36156987 | 17.571   | 17.288     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.902 | 4.402  | 169.0E6  | 231.3E6  | 58.779   | 59.924     |
| 3)                          | MA gamma-BHC... | 4.185 | 4.687  | 144.8E6  | 210.7E6  | 58.636   | 58.105     |
| 4)                          | MA Heptachlor   | 4.488 | 5.198  | 131.9E6  | 196.7E6  | 58.797   | 58.485     |
| 5)                          | MB Aldrin       | 4.736 | 5.503  | 114.4E6  | 181.0E6  | 57.994   | 58.102     |
| 6)                          | B beta-BHC      | 4.436 | 4.857  | 62215071 | 94014823 | 60.920   | 62.186     |
| 7)                          | B delta-BHC     | 4.640 | 5.075  | 132.2E6  | 179.3E6  | 59.461   | 57.563     |
| 8)                          | B Heptachlo...  | 5.179 | 5.890  | 105.0E6  | 155.5E6  | 57.213   | 57.732     |
| 9)                          | A Endosulfan I  | 5.518 | 6.248  | 95438654 | 155.2E6  | 56.732   | 58.167     |
| 10)                         | B gamma-Chl...  | 5.407 | 6.125  | 106.1E6  | 164.7E6  | 58.475   | 57.512     |
| 11)                         | B alpha-Chl...  | 5.465 | 6.198  | 102.3E6  | 164.3E6  | 56.702   | 57.466     |
| 12)                         | B 4,4'-DDE      | 5.630 | 6.355  | 95073759 | 156.3E6  | 57.090   | 58.377     |
| 13)                         | MA Dieldrin     | 5.761 | 6.506  | 102.1E6  | 163.8E6  | 57.835   | 59.214     |
| 14)                         | MA Endrin       | 6.018 | 6.724  | 89116187 | 134.1E6  | 61.224   | 62.994     |
| 15)                         | B Endosulfa...  | 6.291 | 6.933  | 87453421 | 131.0E6  | 52.363   | 52.169     |
| 16)                         | A 4,4'-DDD      | 6.146 | 6.846  | 79515451 | 129.8E6  | 52.088   | 56.544     |
| 17)                         | MA 4,4'-DDT     | 6.387 | 7.146  | 77743280 | 116.5E6  | 59.795   | 59.169     |
| 18)                         | B Endrin al...  | 6.459 | 7.057  | 75638774 | 113.7E6  | 53.021   | 52.359     |
| 19)                         | B Endosulfa...  | 6.672 | 7.281  | 91494796 | 134.0E6  | 55.660   | 57.276     |
| 20)                         | A Methoxychlor  | 6.933 | 7.605  | 42812905 | 65741994 | 57.238   | 57.910     |
| 21)                         | B Endrin ke...  | 7.162 | 7.753  | 102.3E6  | 141.4E6  | 54.491   | 54.753     |
| 22)                         | Mirex           | 7.352 | 8.209  | 74539515 | 94148682 | 52.394   | 50.940     |
| 23)                         | Chlordane-1     | 4.326 | 0.000  | 1222216  | 0        | 19.949   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.503f | 0        | 181.0E6  | N.D.     | 1579.500 # |
| 25)                         | Chlordane-3     | 5.407 | 6.125  | 106.1E6  | 164.7E6  | 627.282  | 425.652 #  |
| 26)                         | Chlordane-4     | 5.465 | 6.198  | 102.3E6  | 164.3E6  | 732.882  | 354.959 #  |
| 27)                         | Chlordane-5     | 6.291 | 0.000  | 87453421 | 0        | 1541.288 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

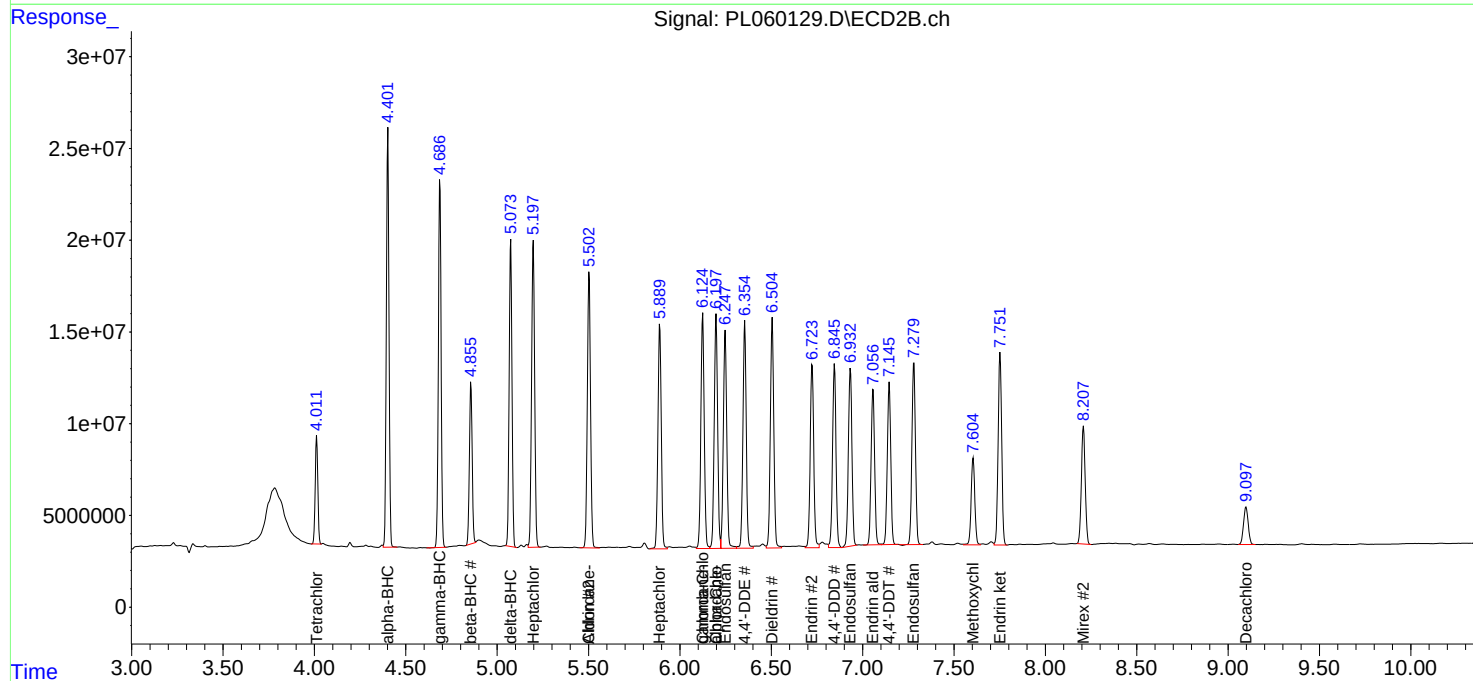
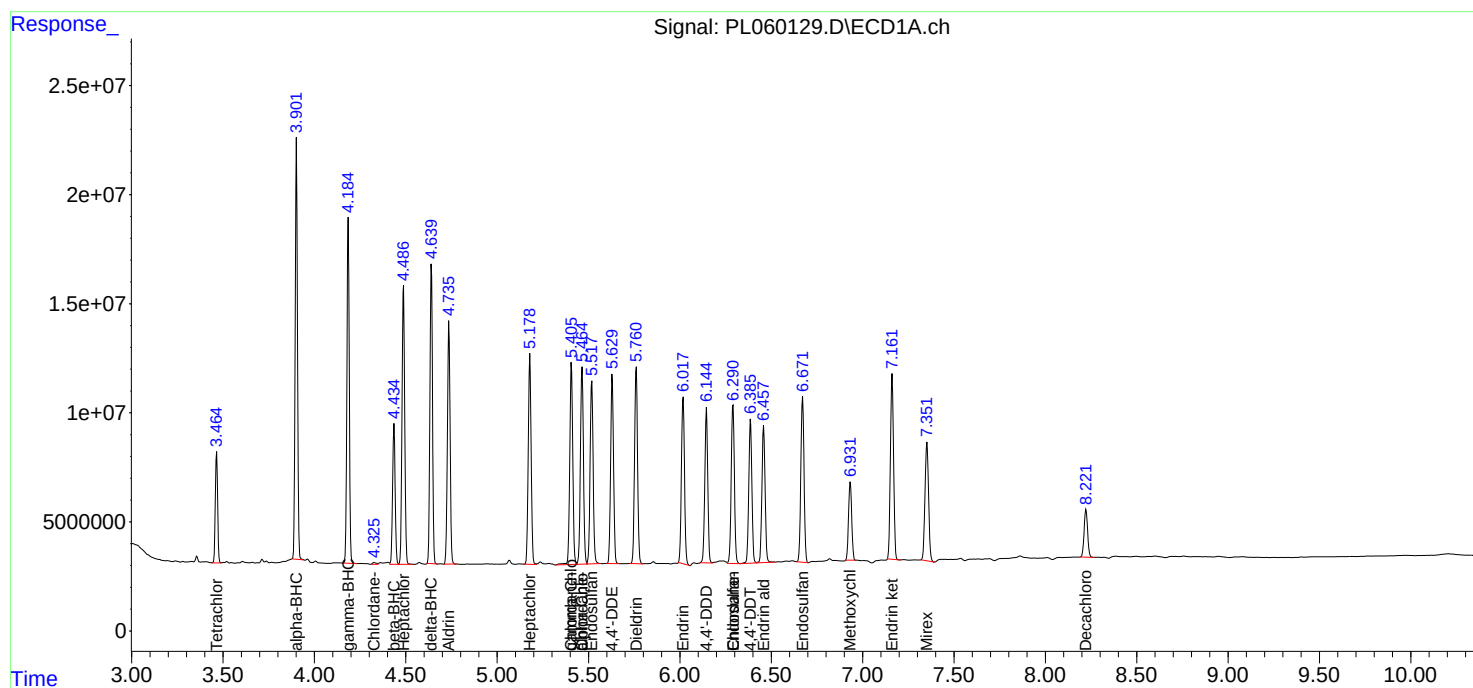
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

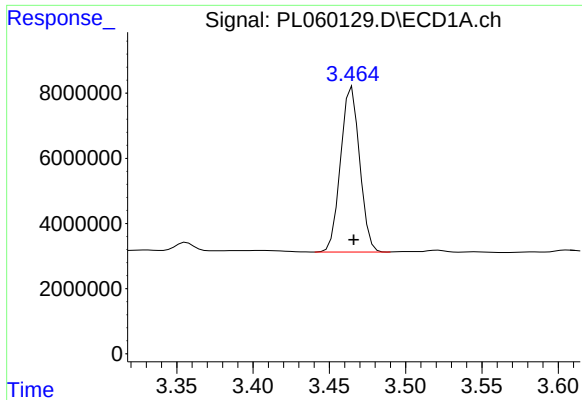
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072320\  
Data File : PL060129.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2020 12:49  
Operator : DD\AJ  
Sample : L3378-14MSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 01:57:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 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

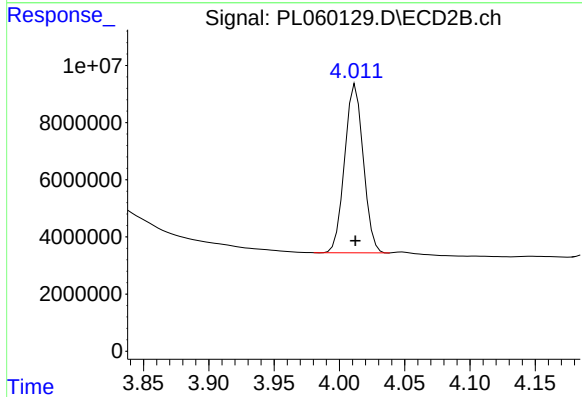




#1 Tetrachloro-m-xylene

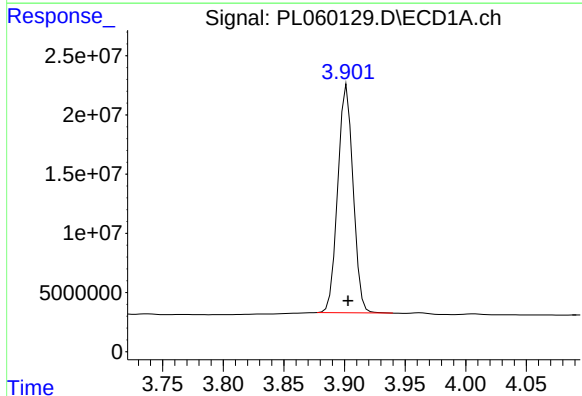
R.T.: 3.465 min  
Delta R.T.: -0.001 min  
Response: 44109640  
Conc: 22.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



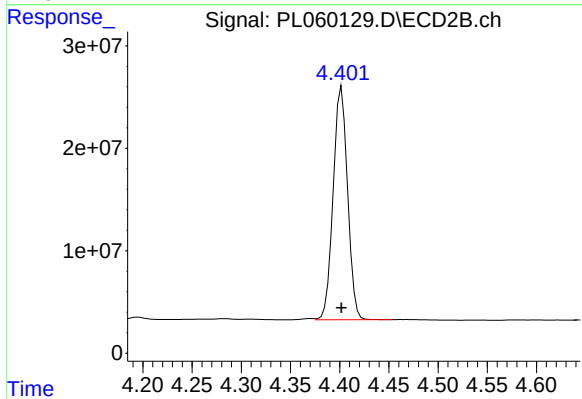
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 58625569  
Conc: 22.12 ng/ml



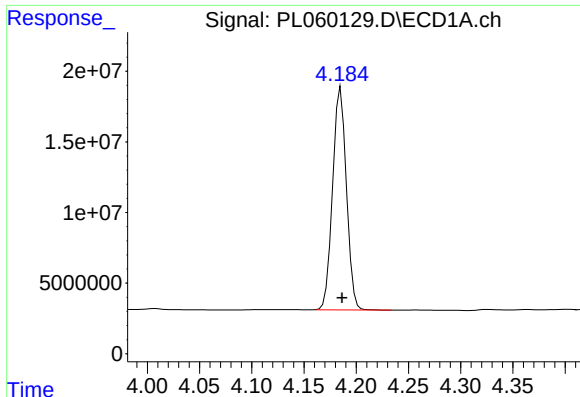
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 168950148  
Conc: 58.78 ng/ml



#2 alpha-BHC

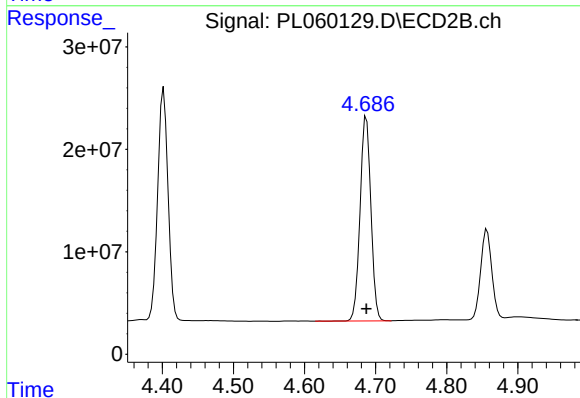
R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 231338918  
Conc: 59.92 ng/ml



#3 gamma-BHC (Lindane)

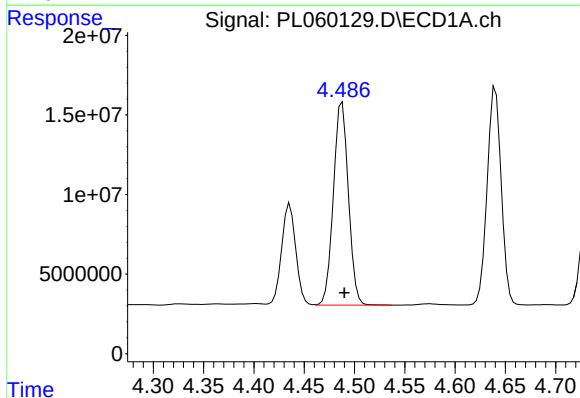
R.T.: 4.185 min  
Delta R.T.: -0.001 min  
Response: 144809685  
Conc: 58.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



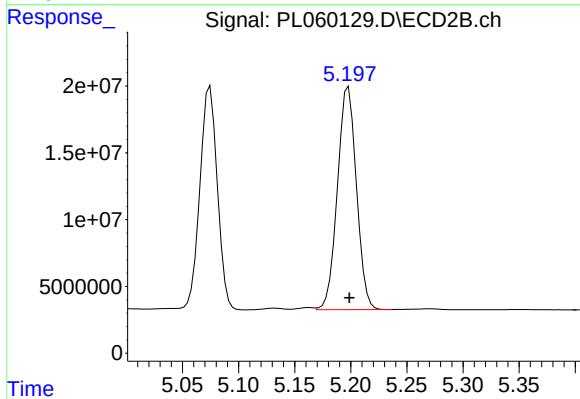
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 210742434  
Conc: 58.10 ng/ml



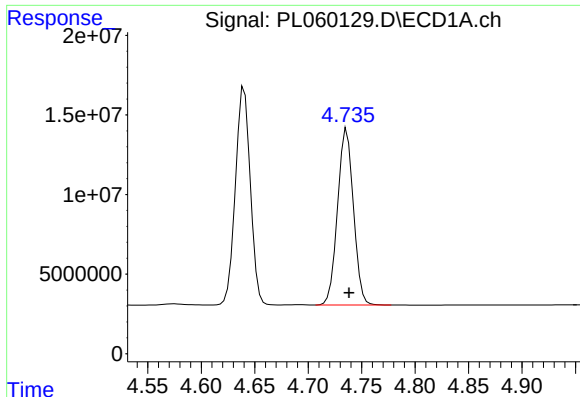
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: -0.002 min  
Response: 131864825  
Conc: 58.80 ng/ml



#4 Heptachlor

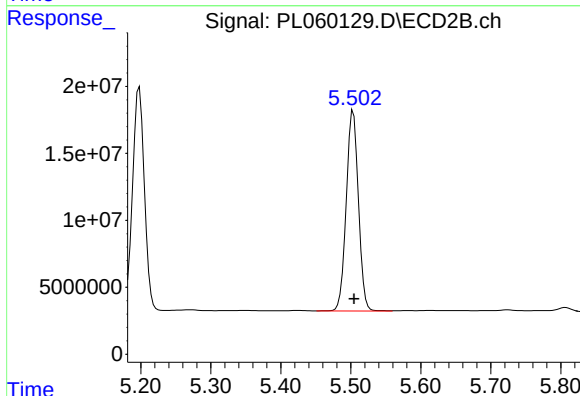
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 196748797  
Conc: 58.48 ng/ml



#5 Aldrin

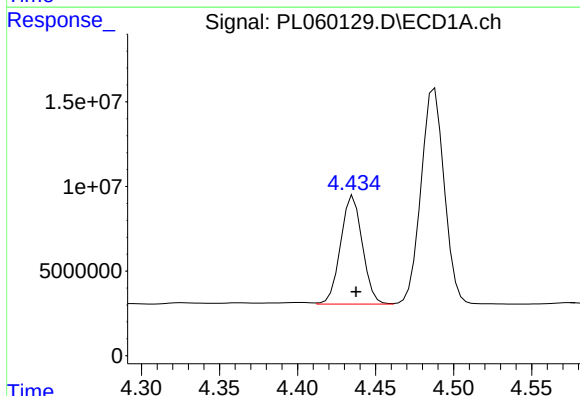
R.T.: 4.736 min  
Delta R.T.: -0.002 min  
Response: 114435907  
Conc: 57.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



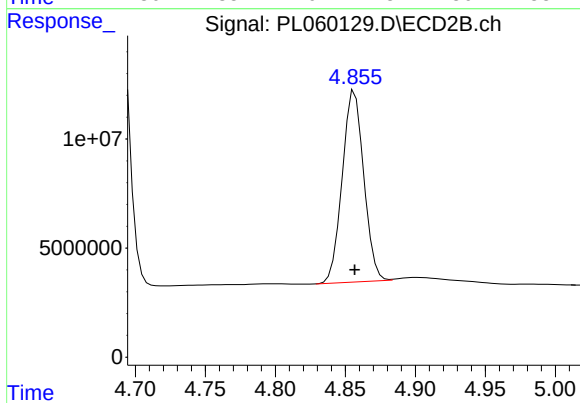
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: -0.001 min  
Response: 180971407  
Conc: 58.10 ng/ml



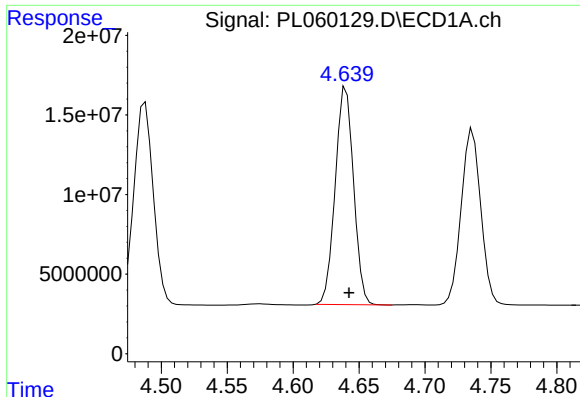
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: -0.001 min  
Response: 62215071  
Conc: 60.92 ng/ml



#6 beta-BHC

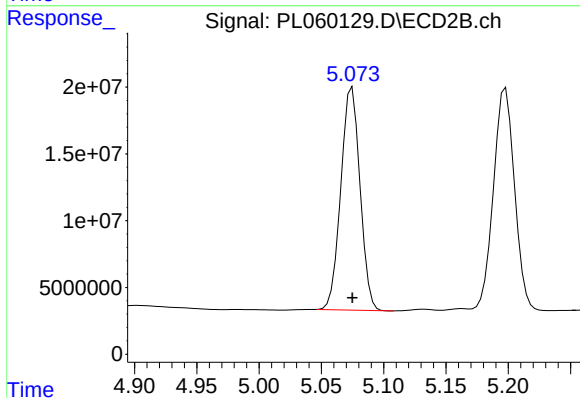
R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 94014823  
Conc: 62.19 ng/ml



#7 delta-BHC

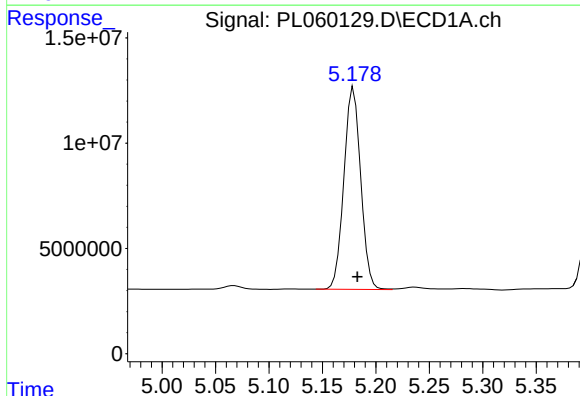
R.T.: 4.640 min  
Delta R.T.: -0.002 min  
Response: 132185581  
Conc: 59.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



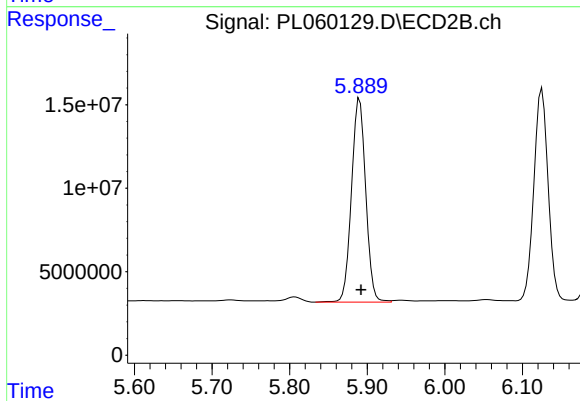
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 179347575  
Conc: 57.56 ng/ml



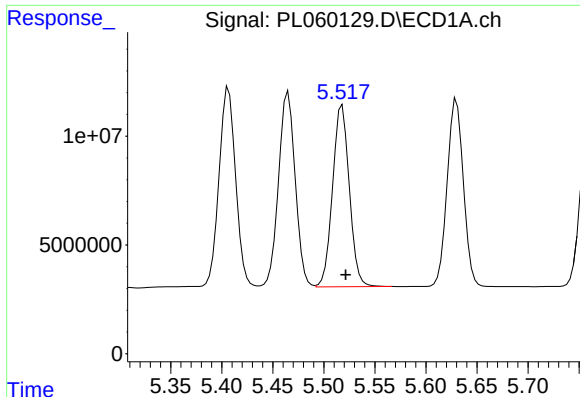
#8 Heptachlor epoxide

R.T.: 5.179 min  
Delta R.T.: -0.003 min  
Response: 105015388  
Conc: 57.21 ng/ml



#8 Heptachlor epoxide

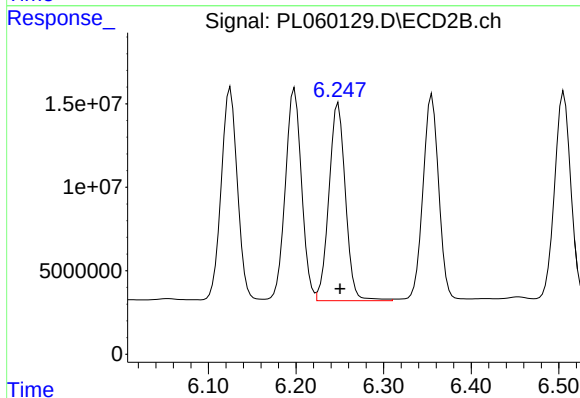
R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 155485571  
Conc: 57.73 ng/ml



#9 Endosulfan I

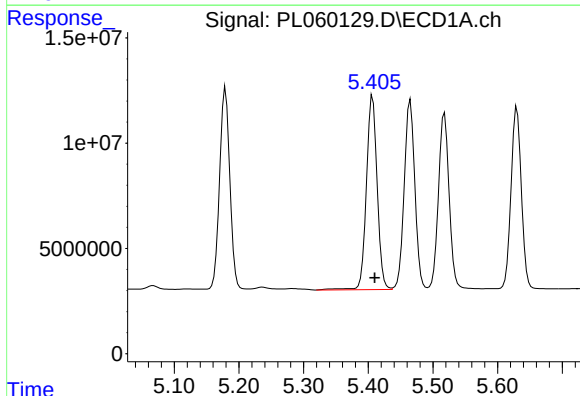
R.T.: 5.518 min  
Delta R.T.: -0.004 min  
Response: 95438654  
Conc: 56.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



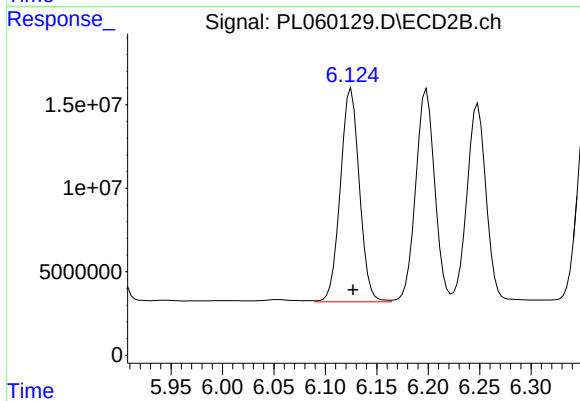
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 155151155  
Conc: 58.17 ng/ml



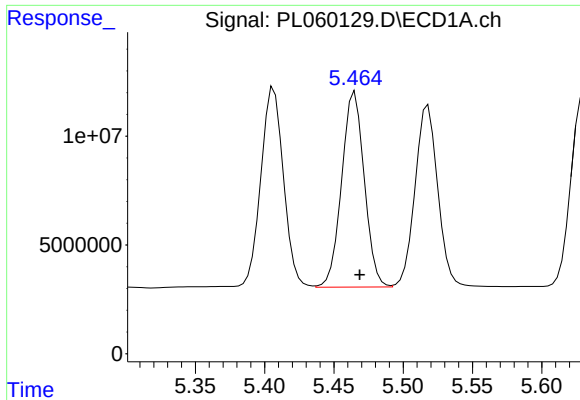
#10 gamma-Chlordane

R.T.: 5.407 min  
Delta R.T.: -0.003 min  
Response: 106083126  
Conc: 58.48 ng/ml



#10 gamma-Chlordane

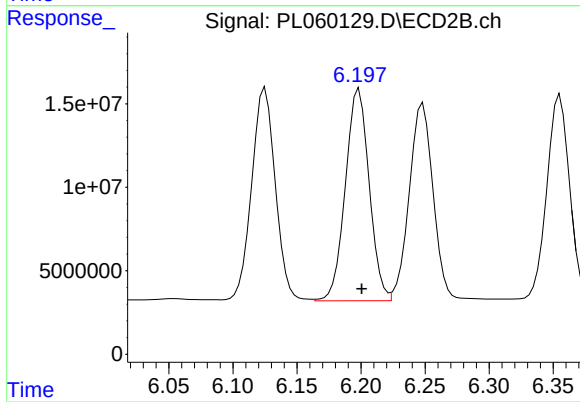
R.T.: 6.125 min  
Delta R.T.: -0.002 min  
Response: 164692124  
Conc: 57.51 ng/ml



#11 alpha-Chlordane

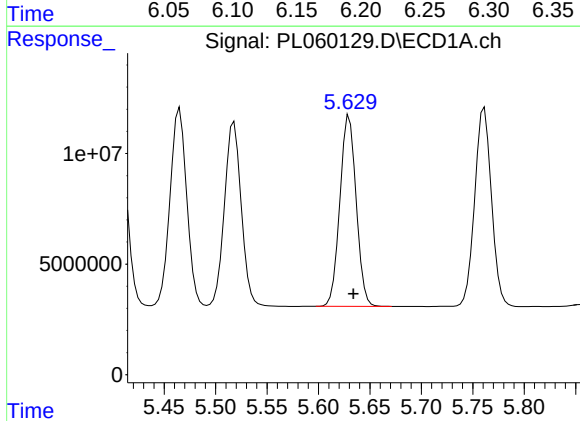
R.T.: 5.465 min  
Delta R.T.: -0.003 min  
Response: 102251349  
Conc: 56.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



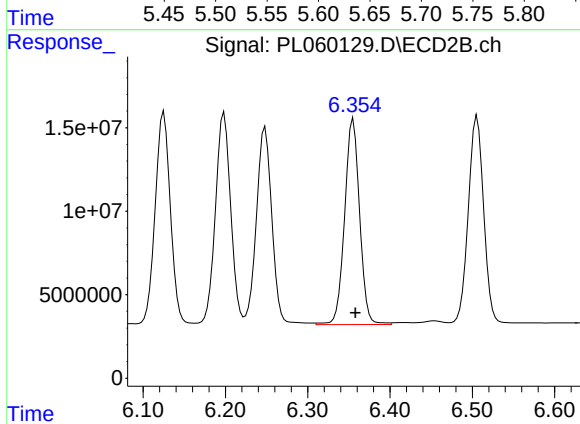
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: -0.002 min  
Response: 164310428  
Conc: 57.47 ng/ml



#12 4,4'-DDE

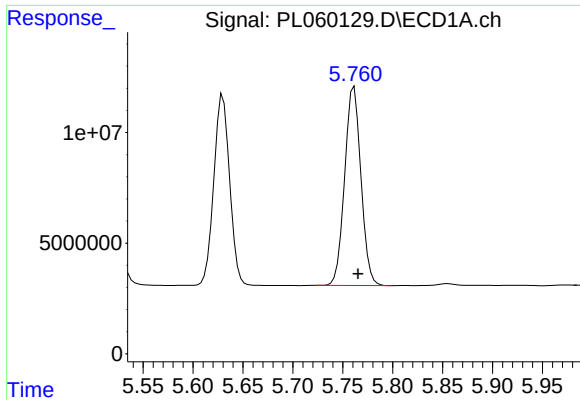
R.T.: 5.630 min  
Delta R.T.: -0.004 min  
Response: 95073759  
Conc: 57.09 ng/ml



#12 4,4'-DDE

R.T.: 6.355 min  
Delta R.T.: -0.003 min  
Response: 156255591  
Conc: 58.38 ng/ml

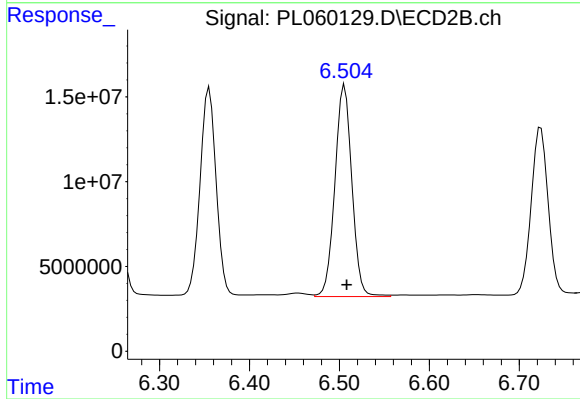




#13 Dieldrin

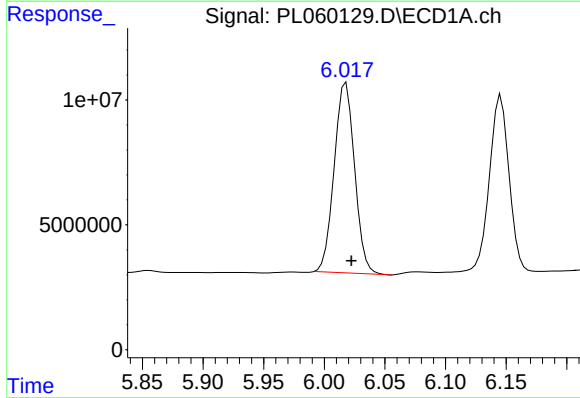
R.T.: 5.761 min  
Delta R.T.: -0.004 min  
Response: 102052196  
Conc: 57.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



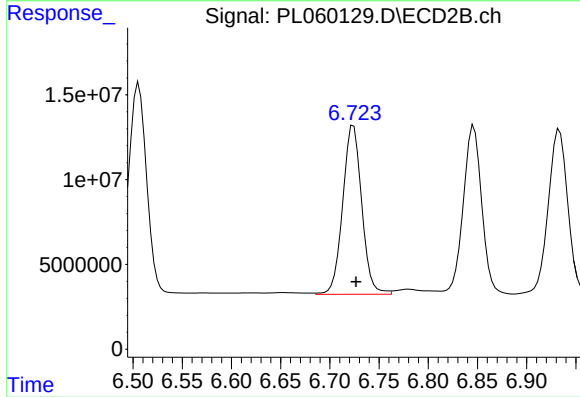
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: -0.003 min  
Response: 163799738  
Conc: 59.21 ng/ml



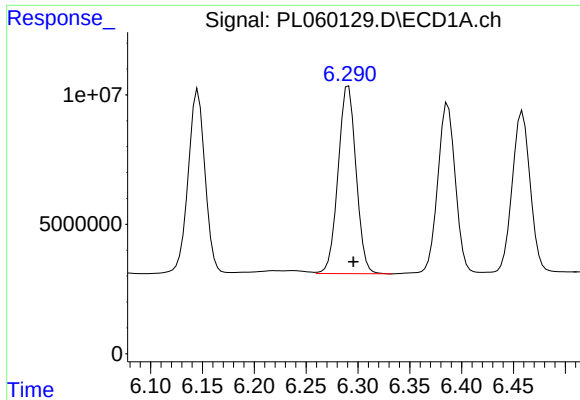
#14 Endrin

R.T.: 6.018 min  
Delta R.T.: -0.005 min  
Response: 89116187  
Conc: 61.22 ng/ml



#14 Endrin

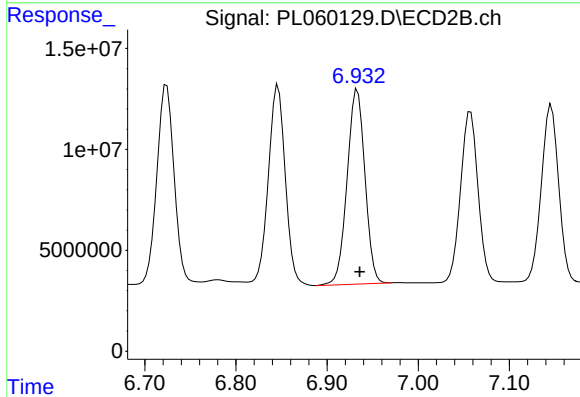
R.T.: 6.724 min  
Delta R.T.: -0.003 min  
Response: 134058048  
Conc: 62.99 ng/ml



#15 Endosulfan II

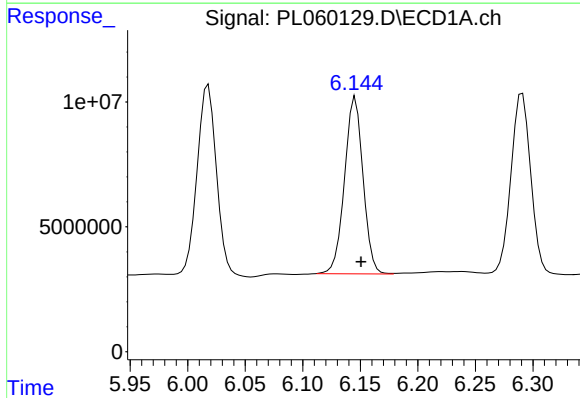
R.T.: 6.291 min  
Delta R.T.: -0.005 min  
Response: 87453421  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



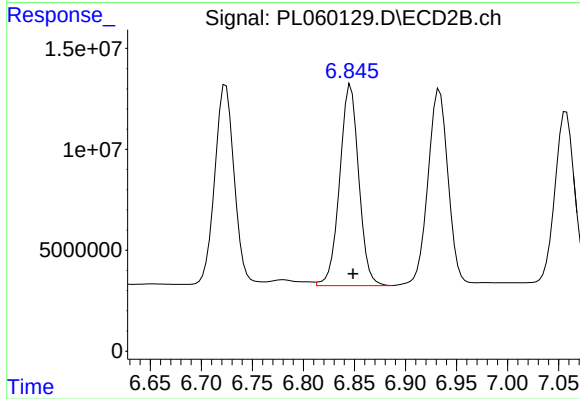
#15 Endosulfan II

R.T.: 6.933 min  
Delta R.T.: -0.002 min  
Response: 131027373  
Conc: 52.17 ng/ml



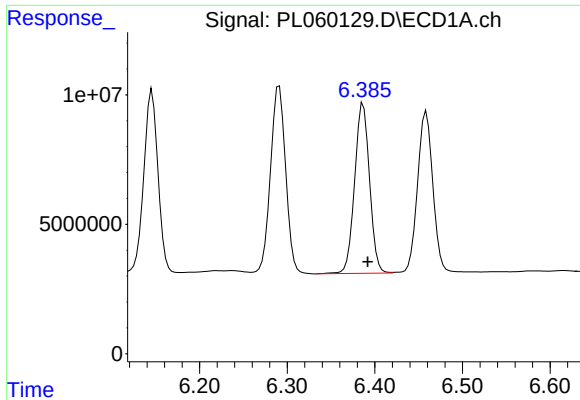
#16 4,4'-DDD

R.T.: 6.146 min  
Delta R.T.: -0.005 min  
Response: 79515451  
Conc: 52.09 ng/ml



#16 4,4'-DDD

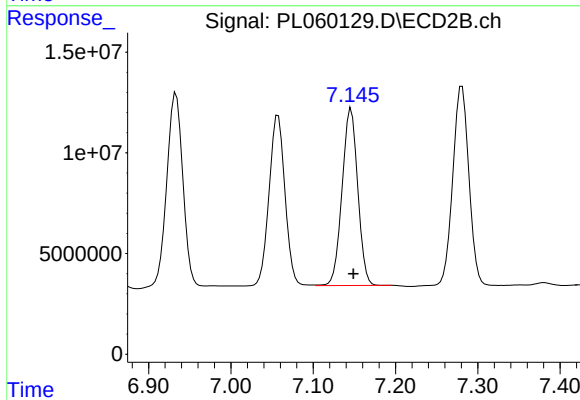
R.T.: 6.846 min  
Delta R.T.: -0.002 min  
Response: 129797295  
Conc: 56.54 ng/ml



#17 4,4'-DDT

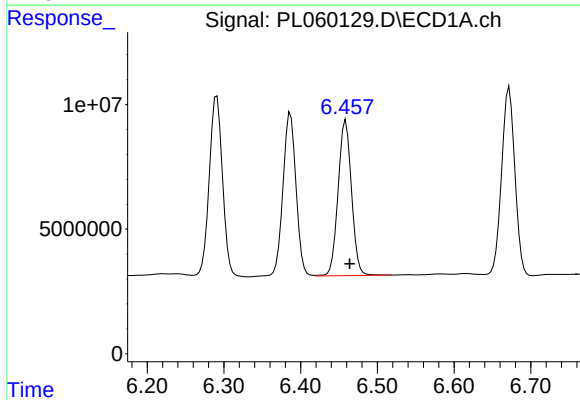
R.T.: 6.387 min  
Delta R.T.: -0.005 min  
Response: 77743280  
Conc: 59.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



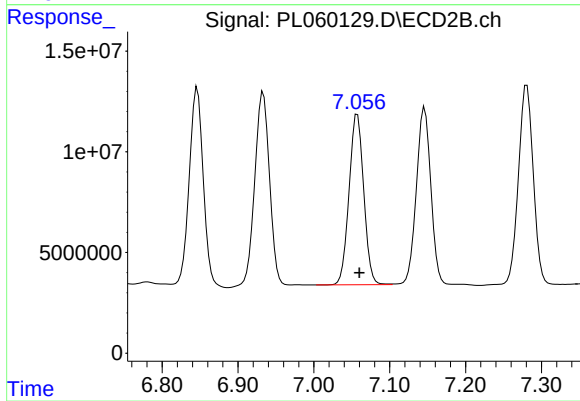
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.003 min  
Response: 116506322  
Conc: 59.17 ng/ml



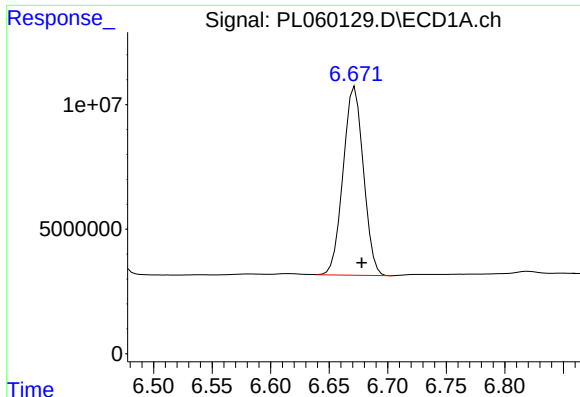
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: -0.005 min  
Response: 75638774  
Conc: 53.02 ng/ml



#18 Endrin aldehyde

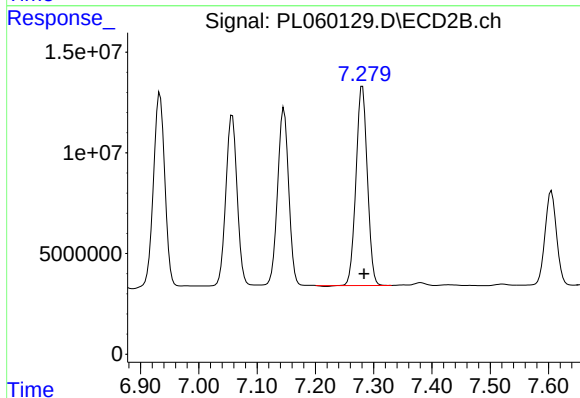
R.T.: 7.057 min  
Delta R.T.: -0.003 min  
Response: 113716654  
Conc: 52.36 ng/ml



#19 Endosulfan Sulfate

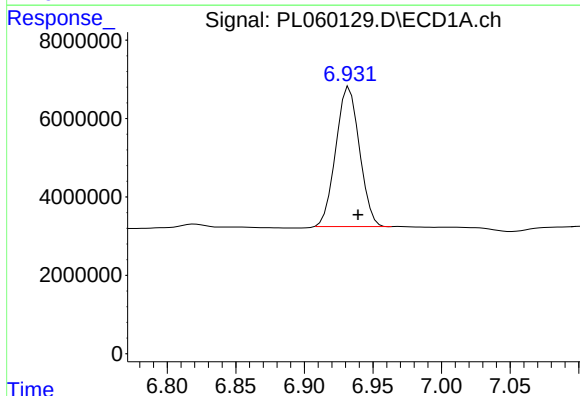
R.T.: 6.672 min  
Delta R.T.: -0.006 min  
Response: 91494796  
Conc: 55.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



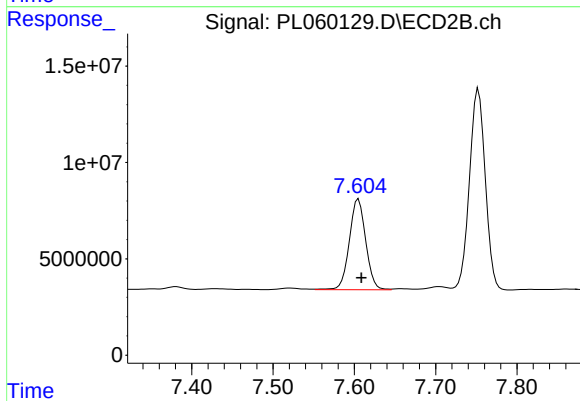
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: -0.003 min  
Response: 133963450  
Conc: 57.28 ng/ml



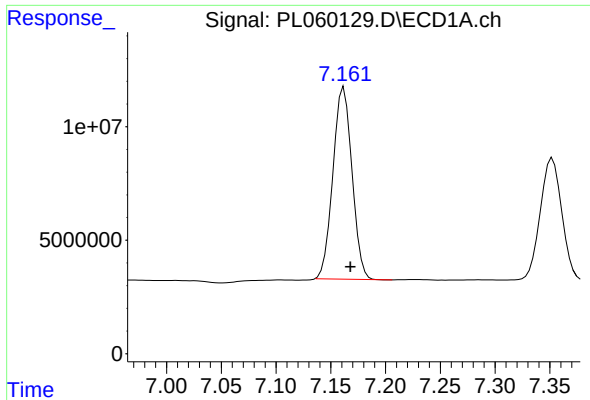
#20 Methoxychlor

R.T.: 6.933 min  
Delta R.T.: -0.006 min  
Response: 42812905  
Conc: 57.24 ng/ml



#20 Methoxychlor

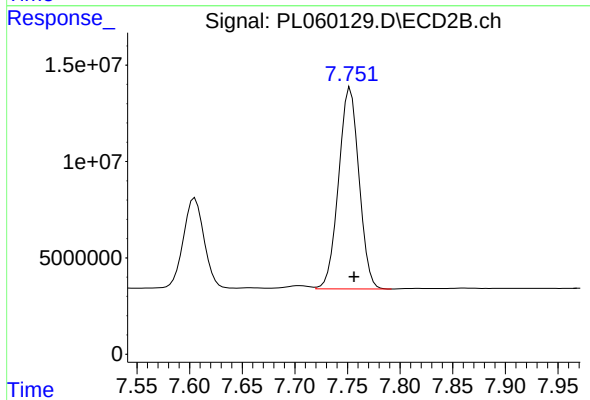
R.T.: 7.605 min  
Delta R.T.: -0.003 min  
Response: 65741994  
Conc: 57.91 ng/ml



#21 Endrin ketone

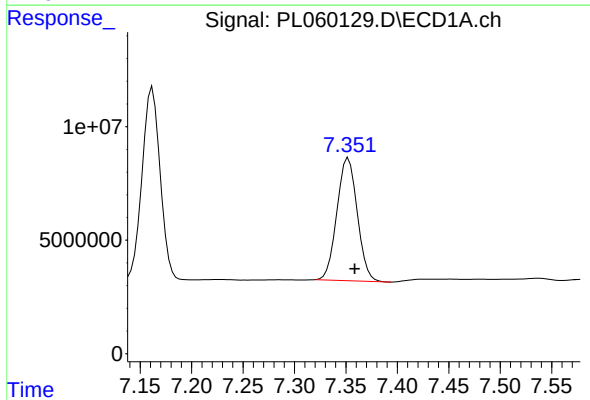
R.T.: 7.162 min  
Delta R.T.: -0.006 min  
Response: 102266101  
Conc: 54.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



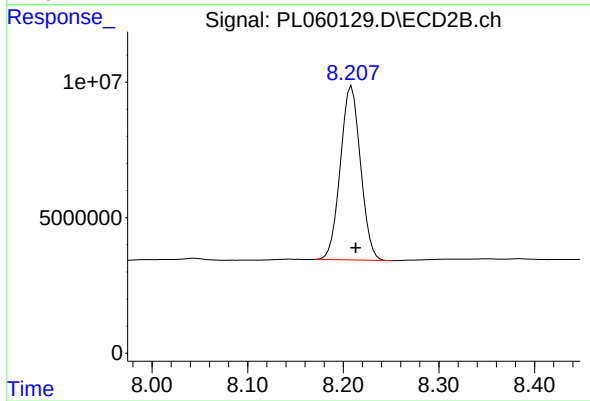
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.004 min  
Response: 141411303  
Conc: 54.75 ng/ml



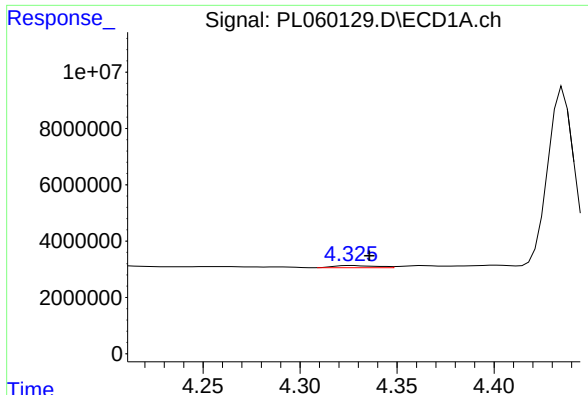
#22 Mirex

R.T.: 7.352 min  
Delta R.T.: -0.006 min  
Response: 74539515  
Conc: 52.39 ng/ml



#22 Mirex

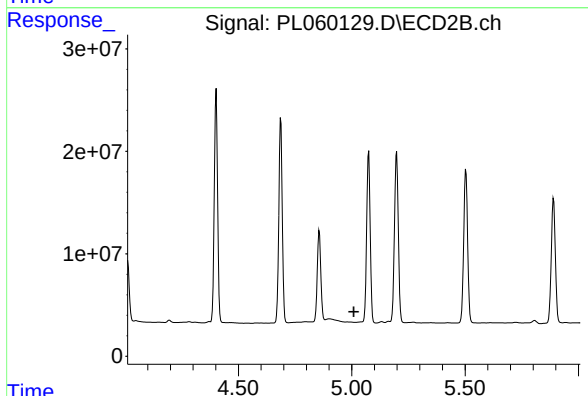
R.T.: 8.209 min  
Delta R.T.: -0.004 min  
Response: 94148682  
Conc: 50.94 ng/ml



#23 Chlordane-1

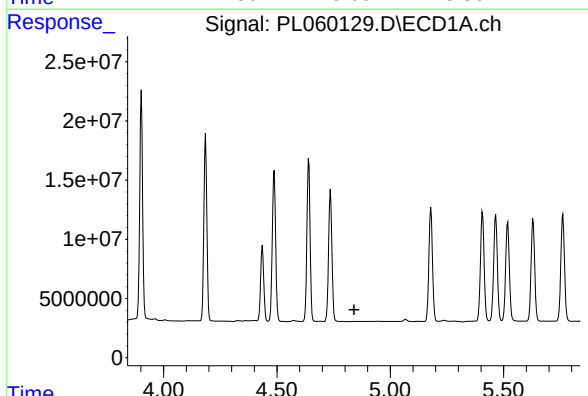
R.T.: 4.326 min  
Delta R.T.: -0.010 min  
Response: 1222216  
Conc: 19.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



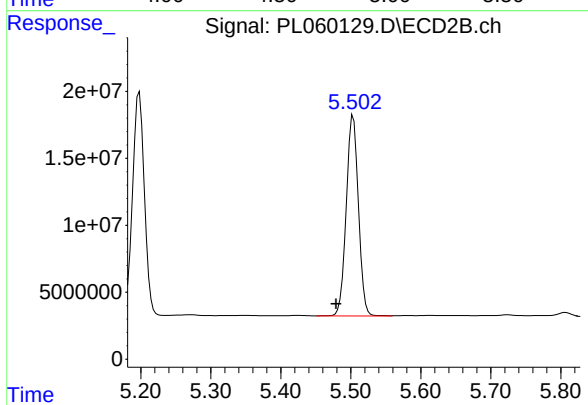
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.009 min  
Response: 0  
Conc: N.D.



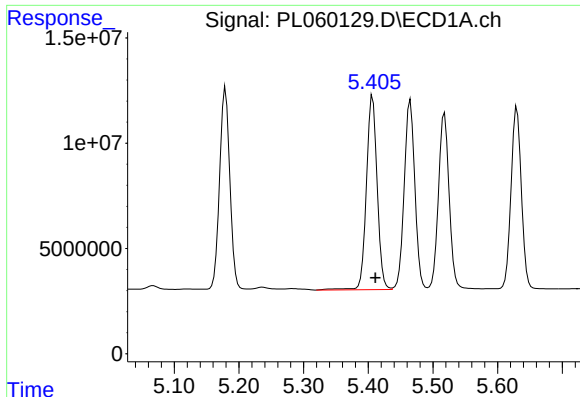
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.840 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

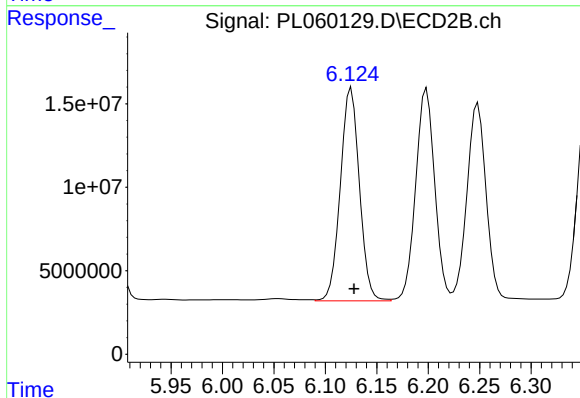
R.T.: 5.503 min  
Delta R.T.: 0.025 min  
Response: 180971407  
Conc: 1579.50 ng/ml



#25 Chlordane-3

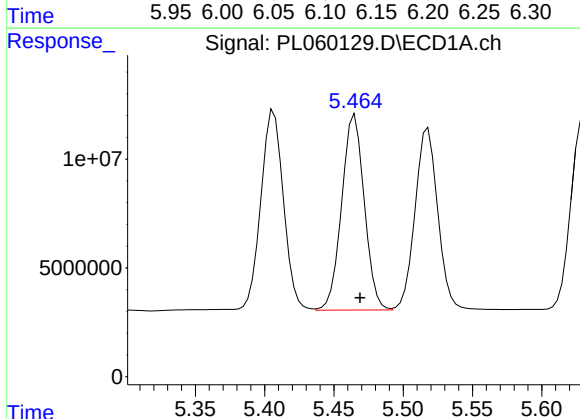
R.T.: 5.407 min  
Delta R.T.: -0.004 min  
Response: 106083126  
Conc: 627.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



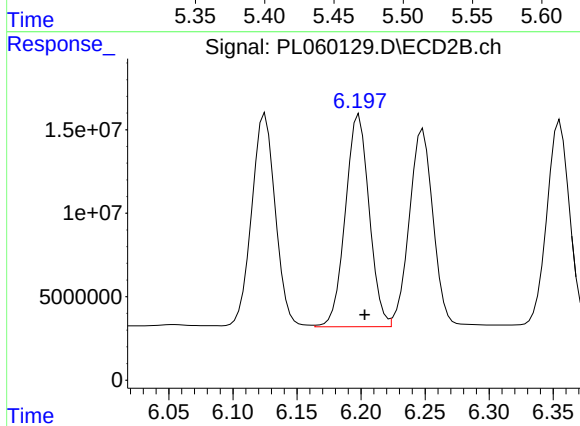
#25 Chlordane-3

R.T.: 6.125 min  
Delta R.T.: -0.003 min  
Response: 164692124  
Conc: 425.65 ng/ml



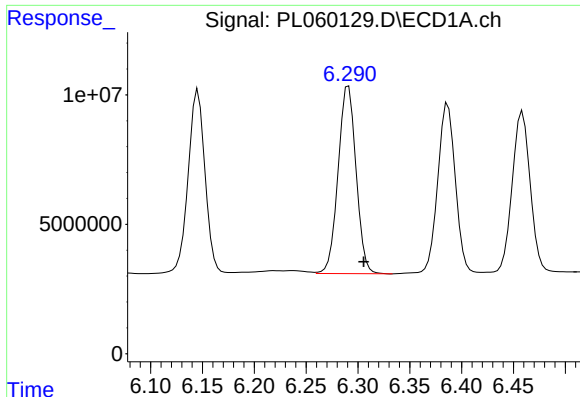
#26 Chlordane-4

R.T.: 5.465 min  
Delta R.T.: -0.004 min  
Response: 102251349  
Conc: 732.88 ng/ml



#26 Chlordane-4

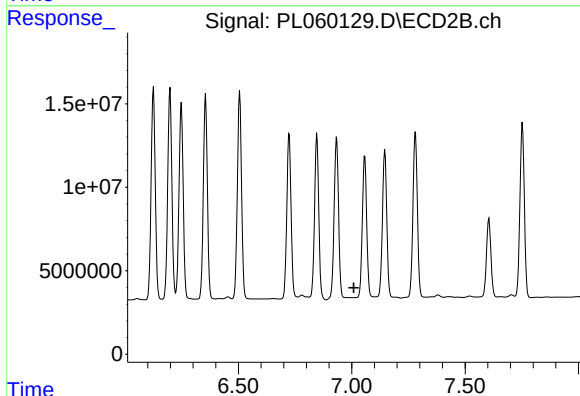
R.T.: 6.198 min  
Delta R.T.: -0.004 min  
Response: 164310428  
Conc: 354.96 ng/ml



#27 Chlordane-5

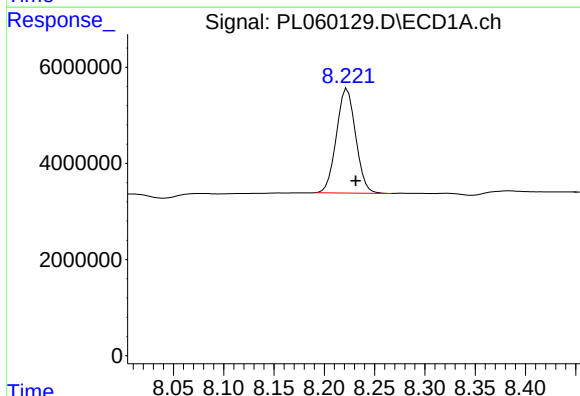
R.T.: 6.291 min  
Delta R.T.: -0.015 min  
Response: 87453421  
Conc: 1541.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DRUM-COMPMSD



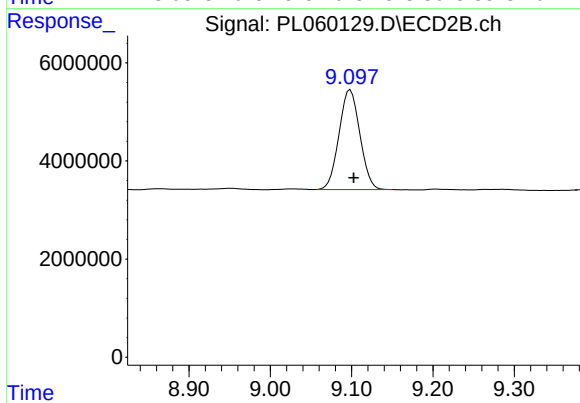
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.223 min  
Delta R.T.: -0.008 min  
Response: 28906675  
Conc: 17.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: -0.004 min  
Response: 36156987  
Conc: 17.29 ng/ml