

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031220\  
 Data File : PL057304.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2020 18:24  
 Operator : AJ\MA  
 Sample : PB127480BSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB127480BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 13 06:04:04 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 11 17:44:01 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... | 3.459  | 3.957  | 211.4E6  | 50010609 | 24.800   | 23.440     |
| 28)                         | SA Decachlor... | 8.206  | 8.978  | 164.5E6  | 36134689 | 17.024   | 17.007     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.896  | 4.345  | 993.2E6  | 204.7E6  | 67.019   | 64.810     |
| 3)                          | MA gamma-BHC... | 4.180  | 4.627  | 929.2E6  | 191.1E6  | 67.621   | 61.478     |
| 4)                          | MA Heptachlor   | 4.480  | 5.130  | 908.9E6  | 193.7E6  | 66.907   | 62.241     |
| 5)                          | MB Aldrin       | 4.728  | 5.431  | 857.4E6  | 190.3E6  | 66.397   | 63.654     |
| 6)                          | B beta-BHC      | 4.431  | 4.800  | 372.2E6  | 92465294 | 70.266   | 65.608     |
| 7)                          | B delta-BHC     | 4.635  | 5.014  | 870.4E6  | 148.9E6  | 66.715   | 61.167     |
| 8)                          | B Heptachlor... | 5.170  | 5.815  | 820.3E6  | 170.9E6  | 67.797   | 61.664     |
| 9)                          | A Endosulfan I  | 5.509  | 6.170  | 753.6E6  | 172.6E6  | 66.479   | 61.782     |
| 10)                         | B gamma-Chl...  | 5.397  | 6.049  | 821.4E6  | 187.3E6  | 66.128   | 62.576     |
| 11)                         | B alpha-Chl...  | 5.455  | 6.120  | 792.6E6  | 183.6E6  | 64.513   | 60.902     |
| 12)                         | B 4,4'-DDE      | 5.619  | 6.280  | 769.9E6  | 171.6E6  | 65.702   | 60.465     |
| 13)                         | MA Dieldrin     | 5.751  | 6.425  | 807.7E6  | 181.3E6  | 66.065   | 61.615     |
| 14)                         | MA Endrin       | 6.008  | 6.642  | 690.9E6  | 146.3E6  | 63.503   | 56.732     |
| 15)                         | B Endosulfa...  | 6.282  | 6.852  | 668.1E6  | 149.2E6  | 61.860   | 53.155     |
| 16)                         | A 4,4'-DDD      | 6.135  | 6.768  | 624.9E6  | 142.4E6  | 64.552   | 58.465     |
| 17)                         | MA 4,4'-DDT     | 6.375  | 7.065  | 591.4E6  | 128.0E6  | 60.442   | 52.051     |
| 18)                         | B Endrin al...  | 6.450  | 6.975  | 551.0E6  | 128.4E6  | 61.591   | 55.421     |
| 19)                         | B Endosulfa...  | 6.663  | 7.198  | 639.8E6  | 148.4E6  | 64.060   | 59.164     |
| 20)                         | A Methoxychlor  | 6.919  | 7.524  | 292.7E6  | 69999957 | 58.702   | 56.031     |
| 21)                         | B Endrin ke...  | 7.153  | 7.665  | 769.7E6  | 157.8E6  | 68.155   | 57.564     |
| 22)                         | Mirex           | 7.340  | 8.116  | 454.9E6  | 99459664 | 56.134   | 51.879     |
| 23)                         | Chlordane-1     | 4.311f | 4.936  | 17414567 | 2355110  | 57.294   | 29.363 #   |
| 24)                         | Chlordane-2     | 4.834  | 5.431f | 12137708 | 190.3E6  | 34.417   | 1993.360 # |
| 25)                         | Chlordane-3     | 5.397  | 6.049  | 821.4E6  | 187.3E6  | 761.483  | 494.288 #  |
| 26)                         | Chlordane-4     | 5.455  | 6.120  | 792.6E6  | 183.6E6  | 862.481  | 400.372 #  |
| 27)                         | Chlordane-5     | 6.282  | 0.000  | 668.1E6  | 0        | 1839.246 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

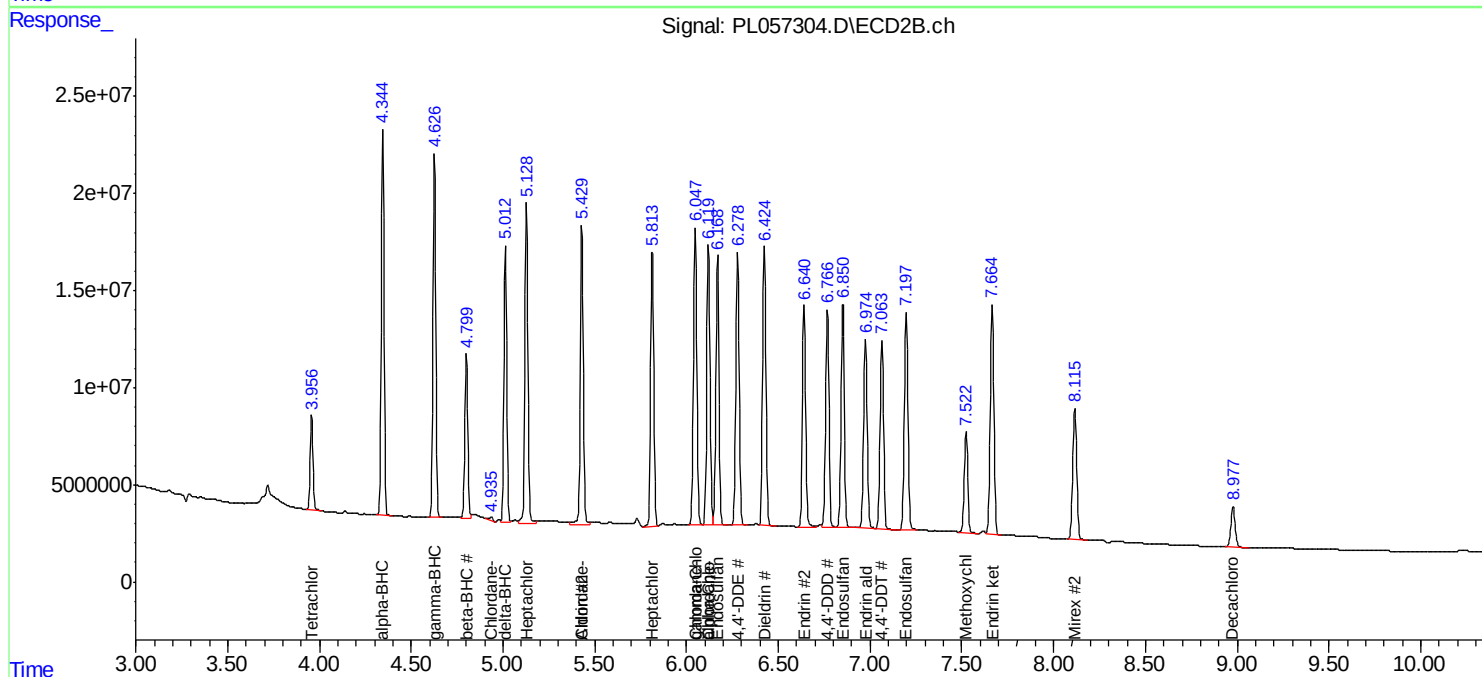
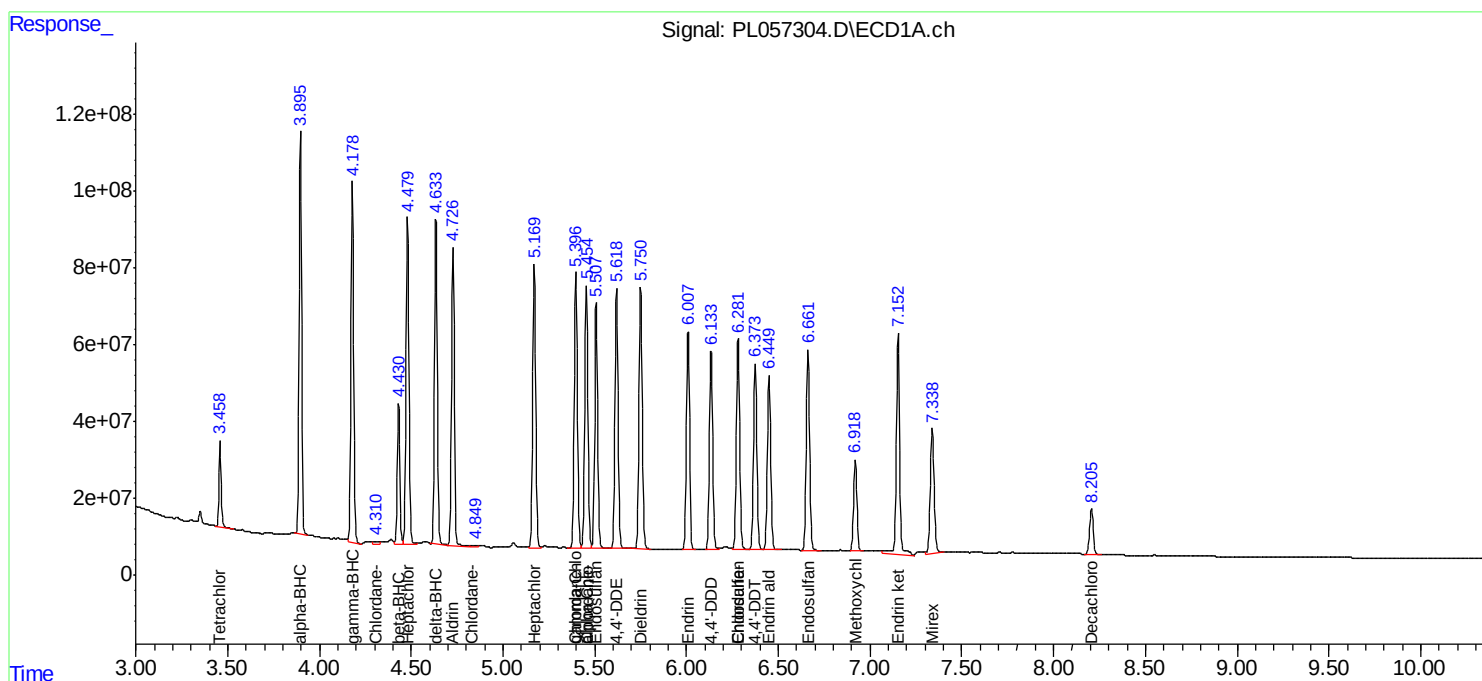
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

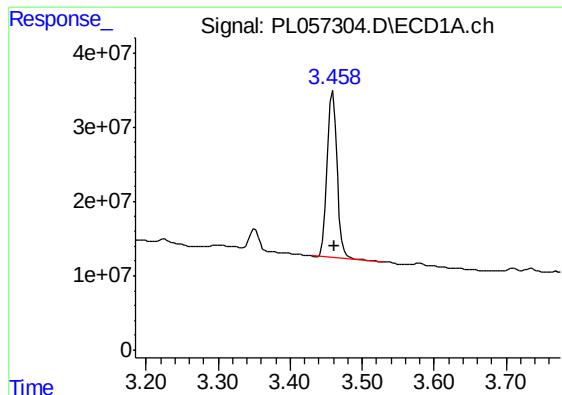
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031220\  
Data File : PL057304.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2020 18:24  
Operator : AJ\MA  
Sample : PB127480BSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 13 06:04:04 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 11 17:44:01 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

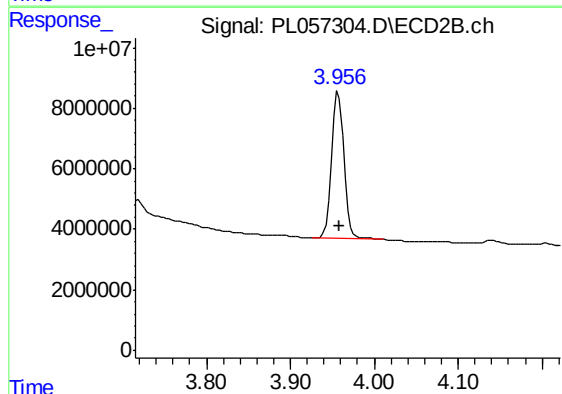




#1 Tetrachloro-m-xylene

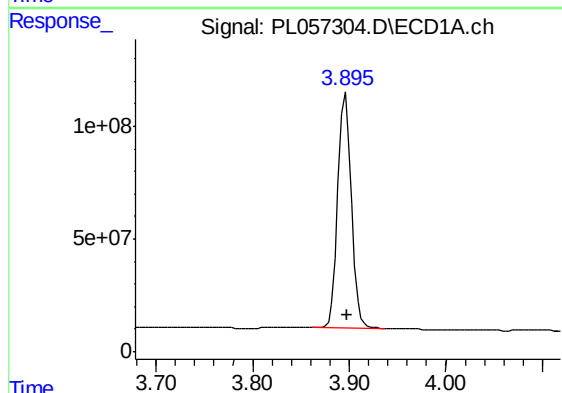
R.T.: 3.459 min  
Delta R.T.: -0.002 min  
Response: 211356062  
Conc: 24.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



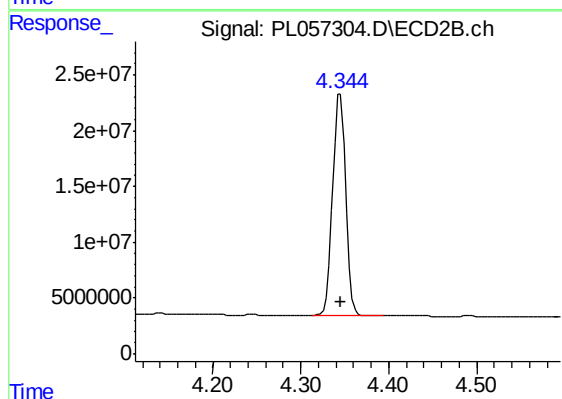
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 50010609  
Conc: 23.44 ng/ml



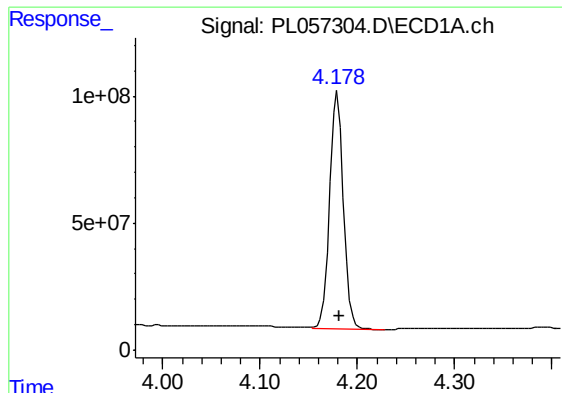
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: -0.002 min  
Response: 993206849  
Conc: 67.02 ng/ml



#2 alpha-BHC

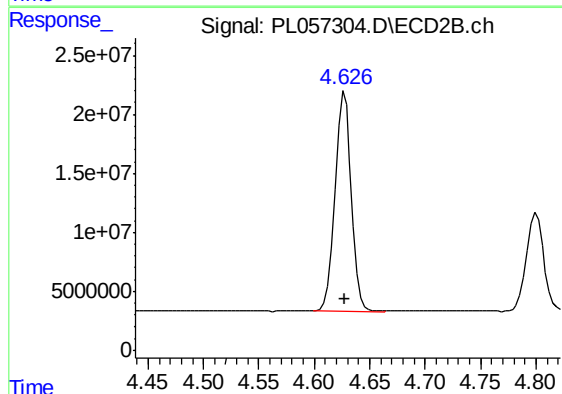
R.T.: 4.345 min  
Delta R.T.: 0.000 min  
Response: 204734555  
Conc: 64.81 ng/ml



#3 gamma-BHC (Lindane)

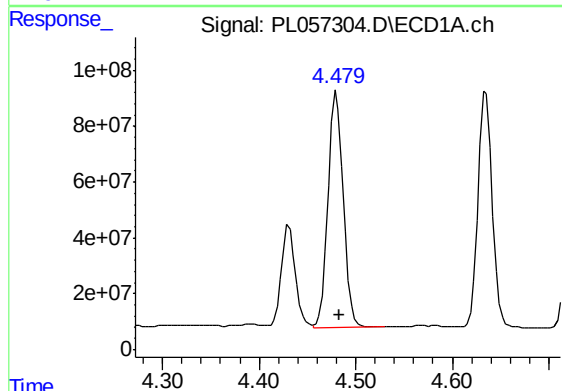
R.T.: 4.180 min  
Delta R.T.: -0.003 min  
Response: 929163620  
Conc: 67.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



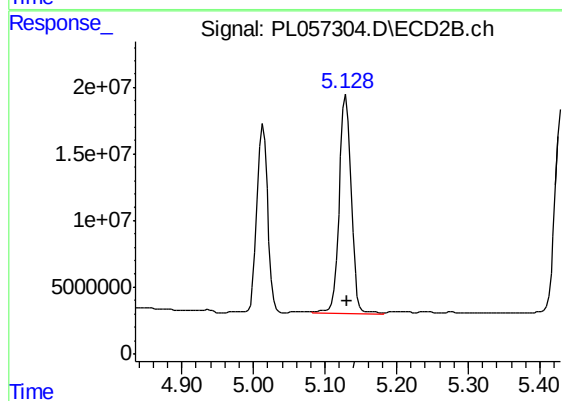
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 191119177  
Conc: 61.48 ng/ml



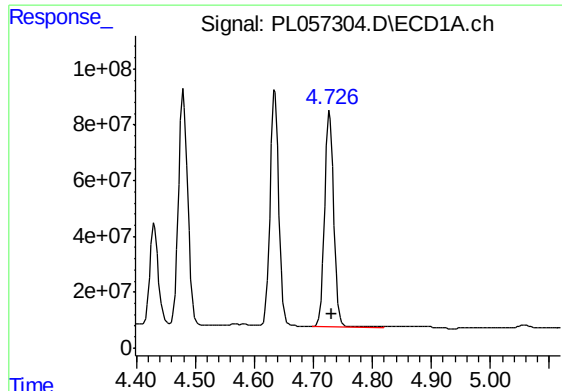
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: -0.003 min  
Response: 908872410  
Conc: 66.91 ng/ml



#4 Heptachlor

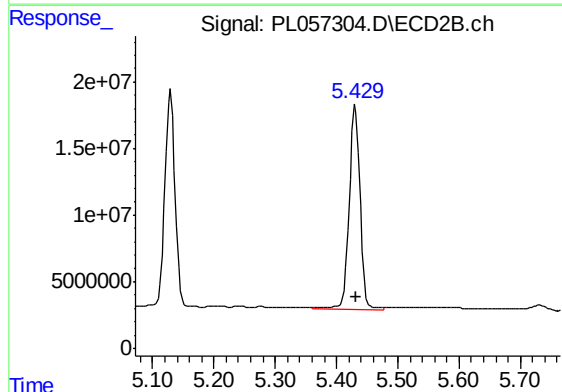
R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 193717120  
Conc: 62.24 ng/ml



#5 Aldrin

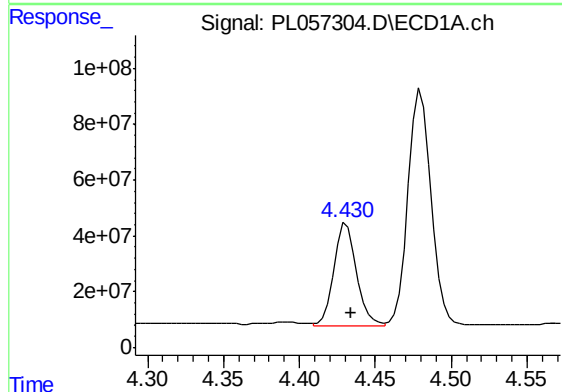
R.T.: 4.728 min  
Delta R.T.: -0.003 min  
Response: 857372932  
Conc: 66.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



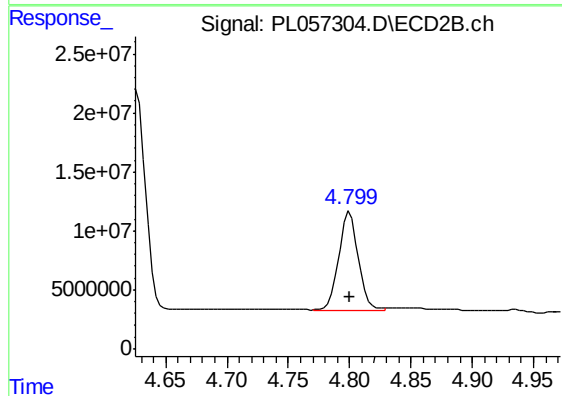
#5 Aldrin

R.T.: 5.431 min  
Delta R.T.: -0.002 min  
Response: 190274686  
Conc: 63.65 ng/ml



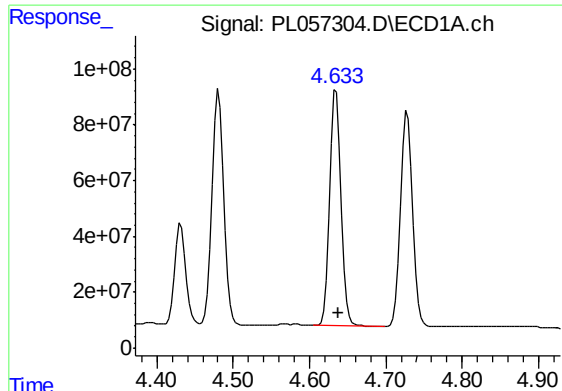
#6 beta-BHC

R.T.: 4.431 min  
Delta R.T.: -0.003 min  
Response: 372215061  
Conc: 70.27 ng/ml



#6 beta-BHC

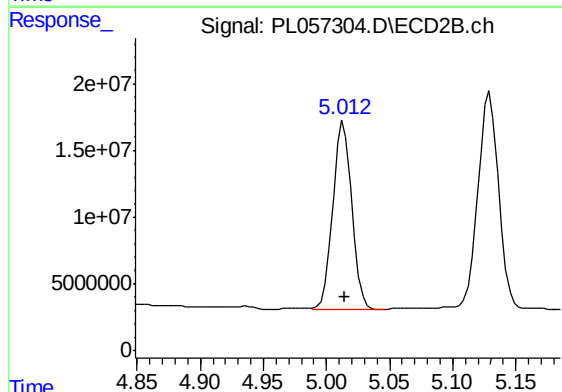
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 92465294  
Conc: 65.61 ng/ml



#7 delta-BHC

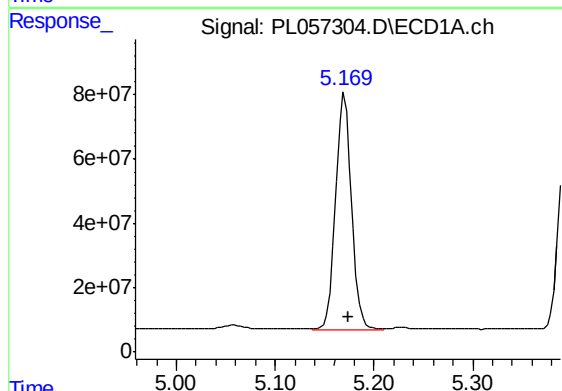
R.T.: 4.635 min  
Delta R.T.: -0.003 min  
Response: 870377765  
Conc: 66.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



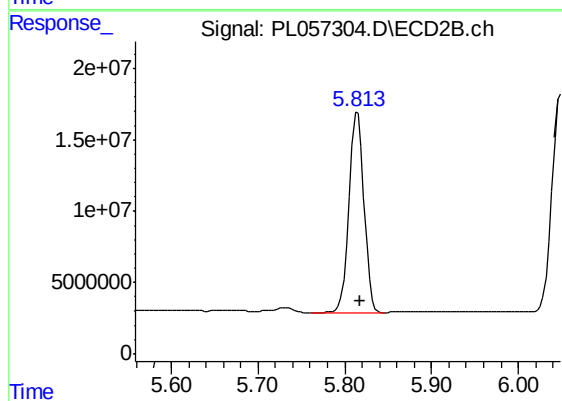
#7 delta-BHC

R.T.: 5.014 min  
Delta R.T.: 0.000 min  
Response: 148930720  
Conc: 61.17 ng/ml



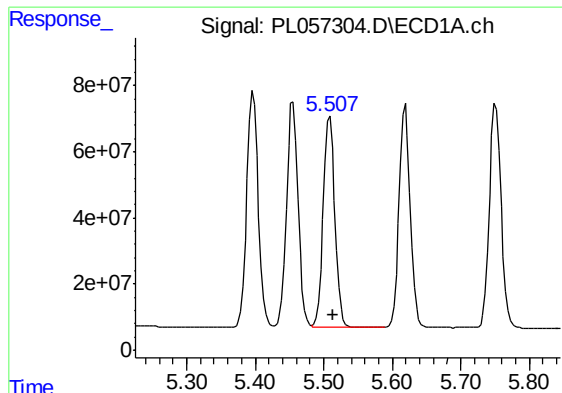
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: -0.004 min  
Response: 820344147  
Conc: 67.80 ng/ml



#8 Heptachlor epoxide

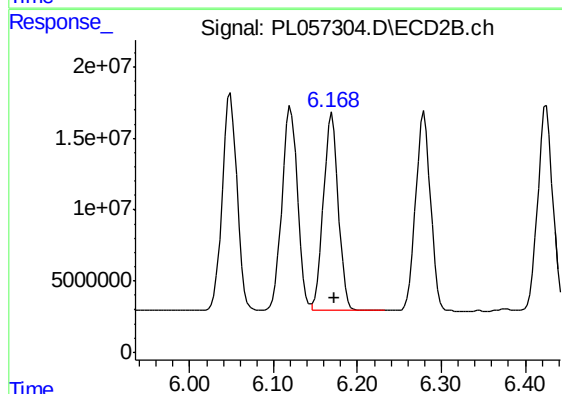
R.T.: 5.815 min  
Delta R.T.: -0.002 min  
Response: 170873702  
Conc: 61.66 ng/ml



#9 Endosulfan I

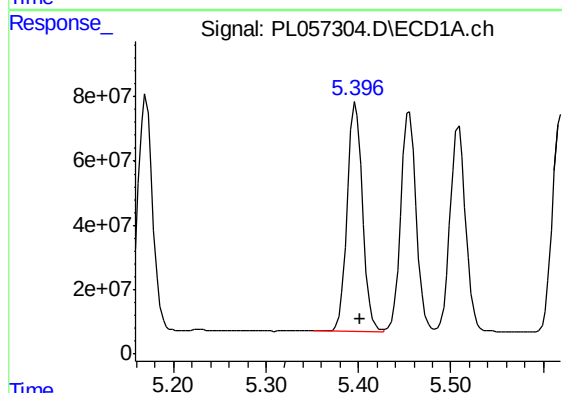
R.T.: 5.509 min  
Delta R.T.: -0.004 min  
Response: 753613373  
Conc: 66.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



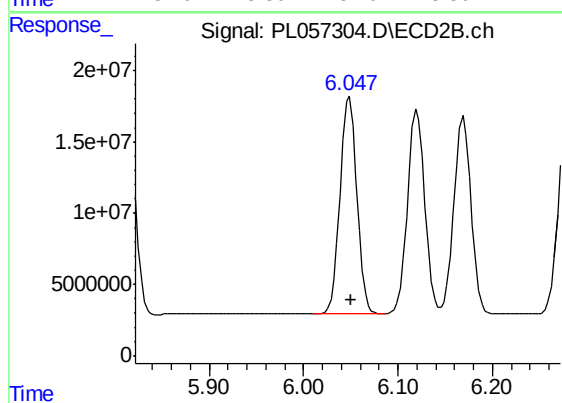
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: -0.002 min  
Response: 172583779  
Conc: 61.78 ng/ml



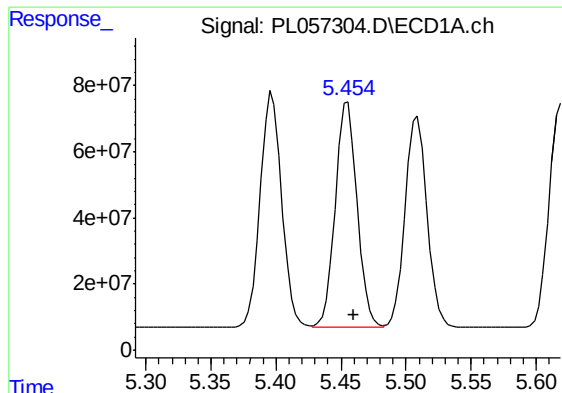
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 821359840  
Conc: 66.13 ng/ml



#10 gamma-Chlordane

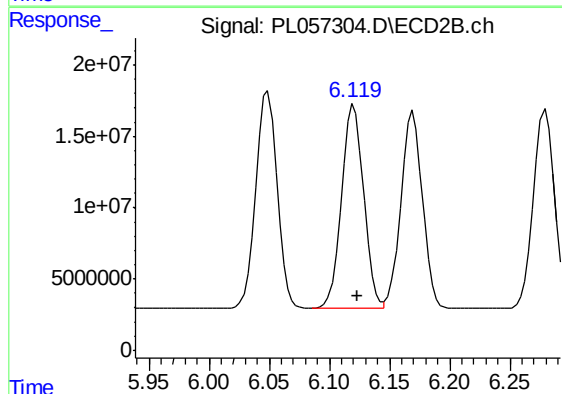
R.T.: 6.049 min  
Delta R.T.: -0.002 min  
Response: 187329672  
Conc: 62.58 ng/ml



#11 alpha-Chlordane

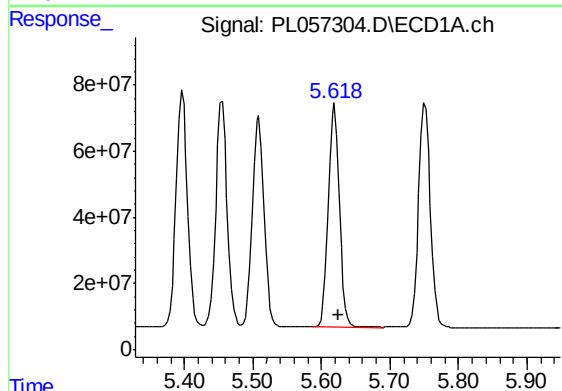
R.T.: 5.455 min  
Delta R.T.: -0.004 min  
Response: 792613830  
Conc: 64.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



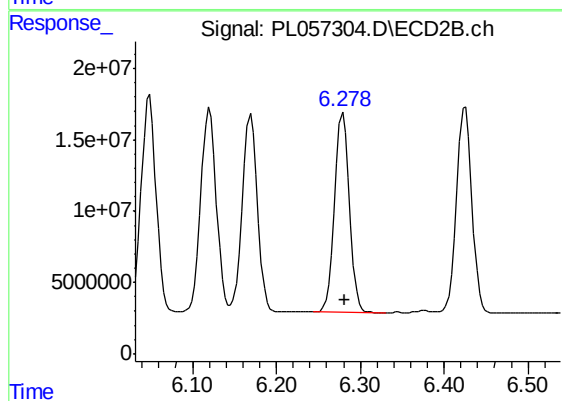
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 183585000  
Conc: 60.90 ng/ml



#12 4,4'-DDE

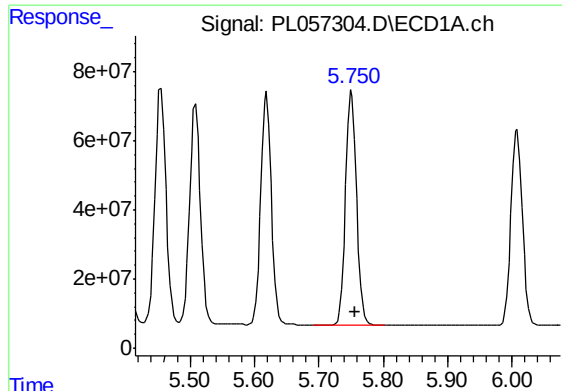
R.T.: 5.619 min  
Delta R.T.: -0.005 min  
Response: 769888489  
Conc: 65.70 ng/ml



#12 4,4'-DDE

R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 171596112  
Conc: 60.47 ng/ml

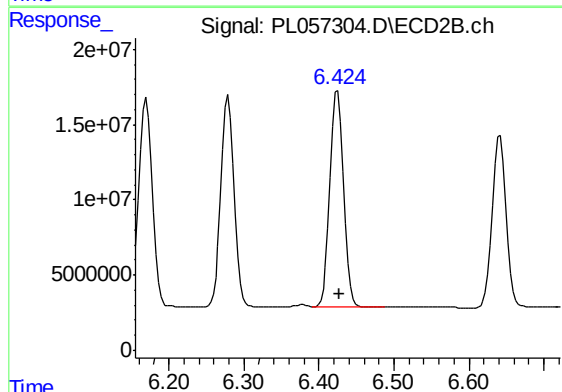




#13 Dielddrin

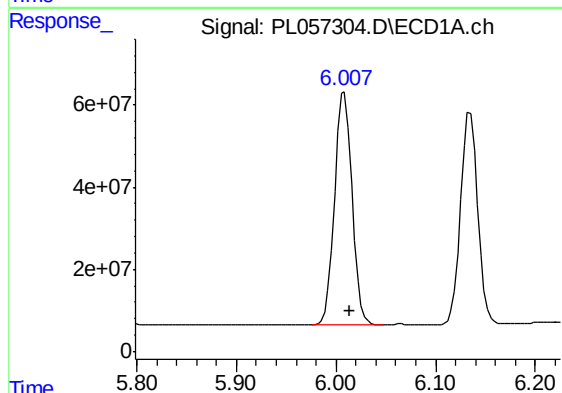
R.T.: 5.751 min  
Delta R.T.: -0.005 min  
Response: 807742116  
Conc: 66.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



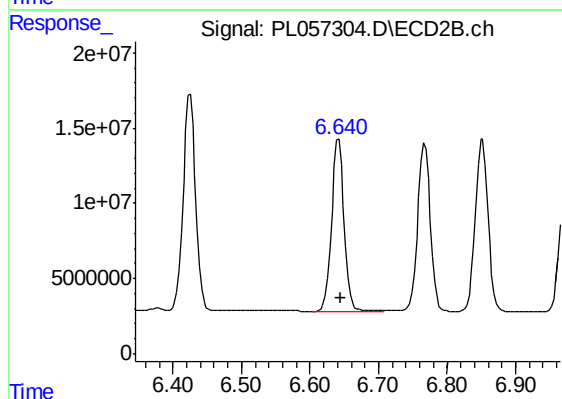
#13 Dielddrin

R.T.: 6.425 min  
Delta R.T.: -0.003 min  
Response: 181347340  
Conc: 61.61 ng/ml



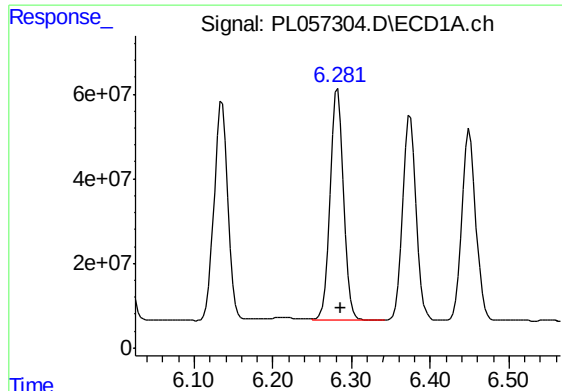
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: -0.005 min  
Response: 690878452  
Conc: 63.50 ng/ml



#14 Endrin

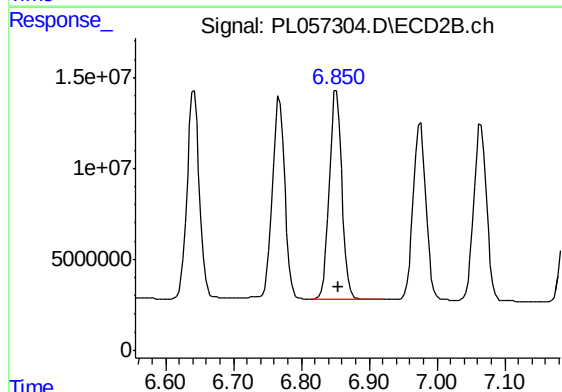
R.T.: 6.642 min  
Delta R.T.: -0.003 min  
Response: 146300429  
Conc: 56.73 ng/ml



#15 Endosulfan II

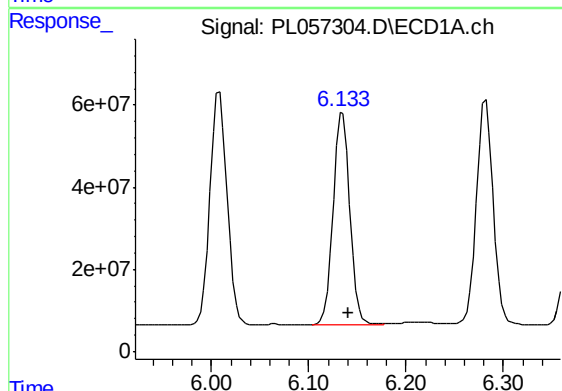
R.T.: 6.282 min  
Delta R.T.: -0.005 min  
Response: 668059461  
Conc: 61.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



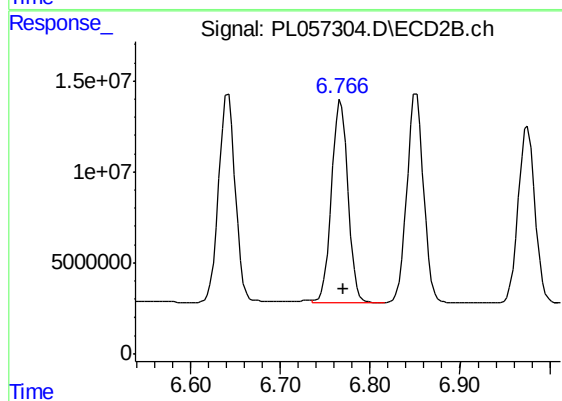
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: -0.003 min  
Response: 149155475  
Conc: 53.15 ng/ml



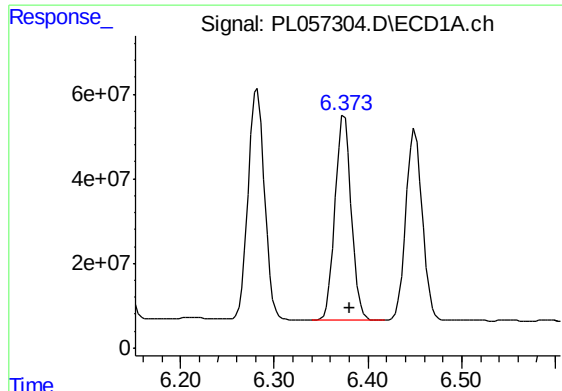
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: -0.006 min  
Response: 624900841  
Conc: 64.55 ng/ml



#16 4,4'-DDD

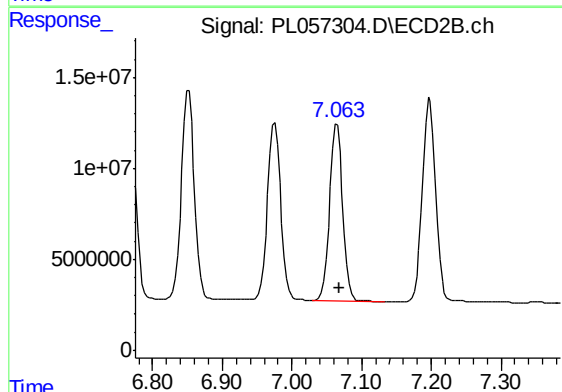
R.T.: 6.768 min  
Delta R.T.: -0.003 min  
Response: 142422028  
Conc: 58.46 ng/ml



#17 4,4'-DDT

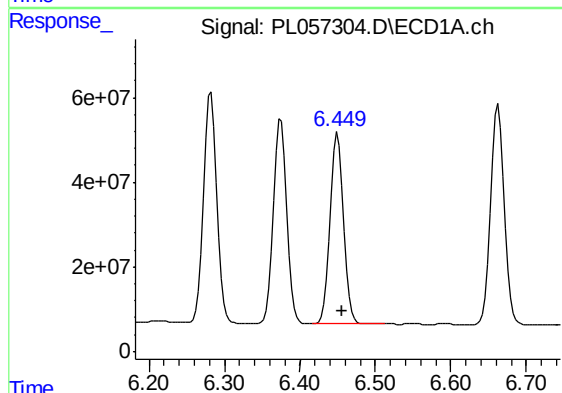
R.T.: 6.375 min  
Delta R.T.: -0.006 min  
Response: 591439739  
Conc: 60.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



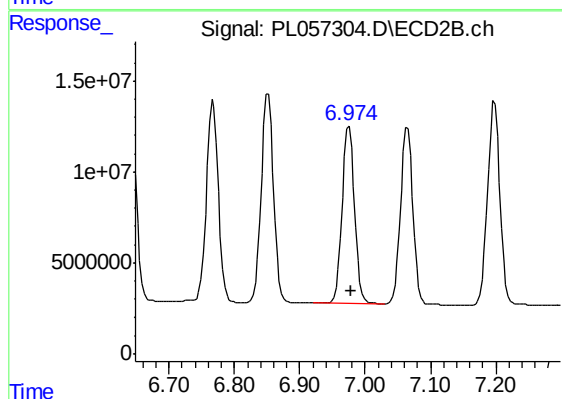
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.003 min  
Response: 128042422  
Conc: 52.05 ng/ml



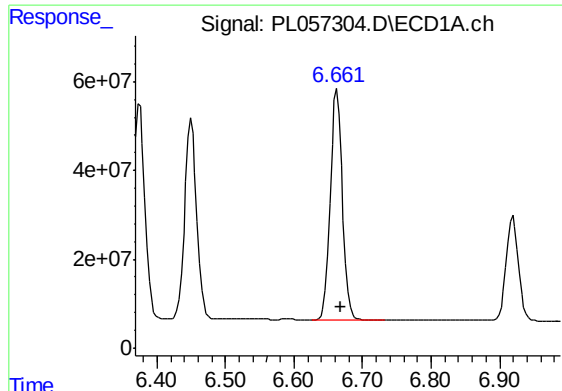
#18 Endrin aldehyde

R.T.: 6.450 min  
Delta R.T.: -0.006 min  
Response: 551013097  
Conc: 61.59 ng/ml



#18 Endrin aldehyde

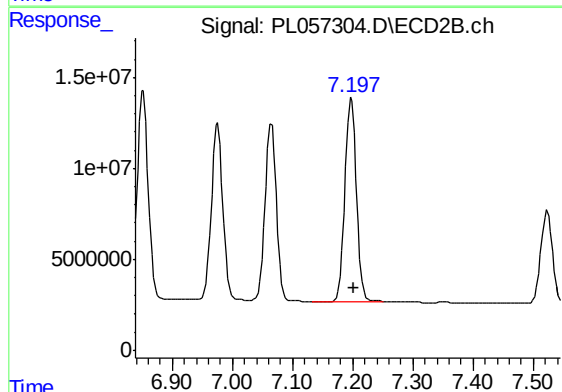
R.T.: 6.975 min  
Delta R.T.: -0.003 min  
Response: 128425602  
Conc: 55.42 ng/ml



#19 Endosulfan Sulfate

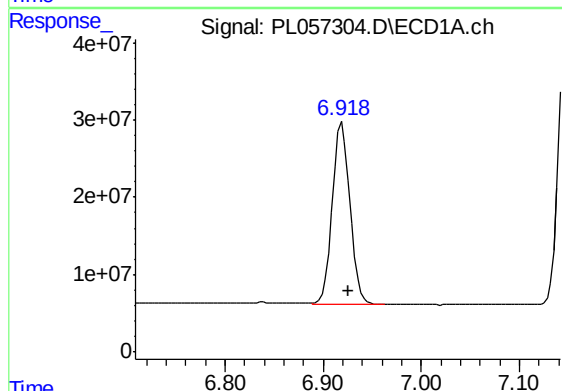
R.T.: 6.663 min  
Delta R.T.: -0.007 min  
Response: 639775458  
Conc: 64.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



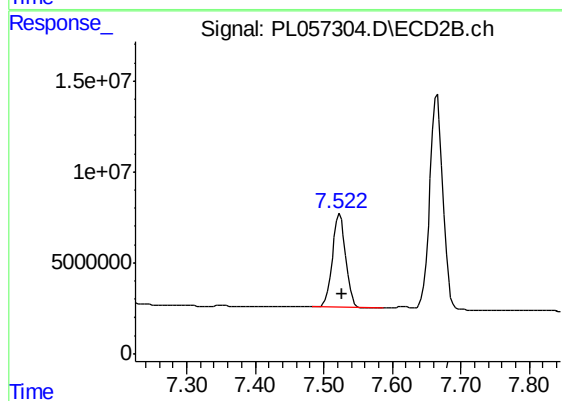
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: -0.003 min  
Response: 148377649  
Conc: 59.16 ng/ml



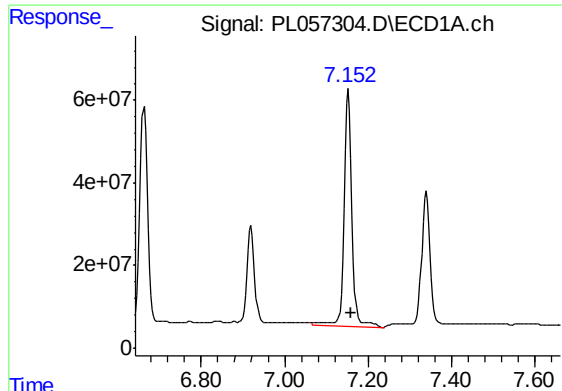
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: -0.007 min  
Response: 292699094  
Conc: 58.70 ng/ml



#20 Methoxychlor

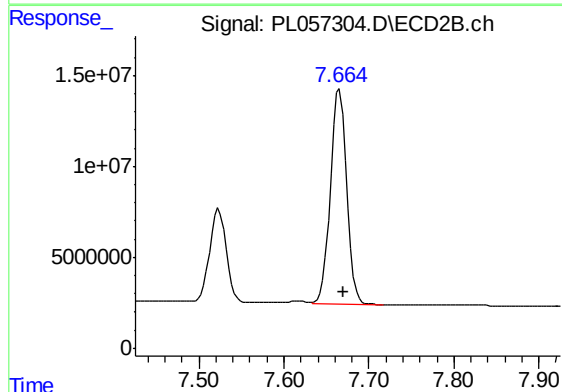
R.T.: 7.524 min  
Delta R.T.: -0.003 min  
Response: 69999957  
Conc: 56.03 ng/ml



#21 Endrin ketone

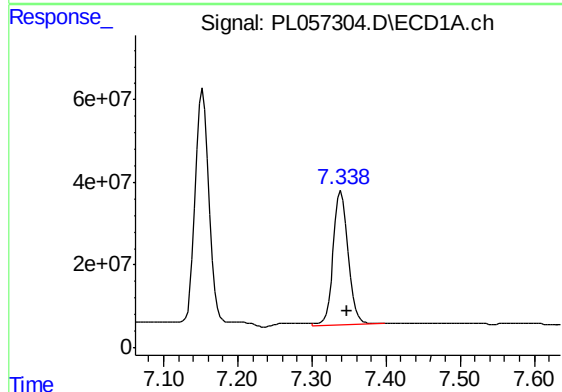
R.T.: 7.153 min  
Delta R.T.: -0.007 min  
Response: 769653947  
Conc: 68.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



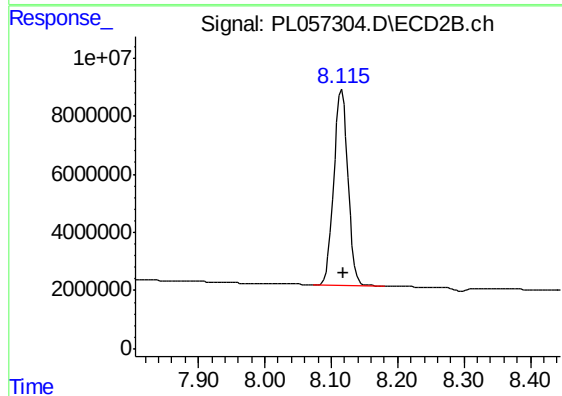
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.004 min  
Response: 157751192  
Conc: 57.56 ng/ml



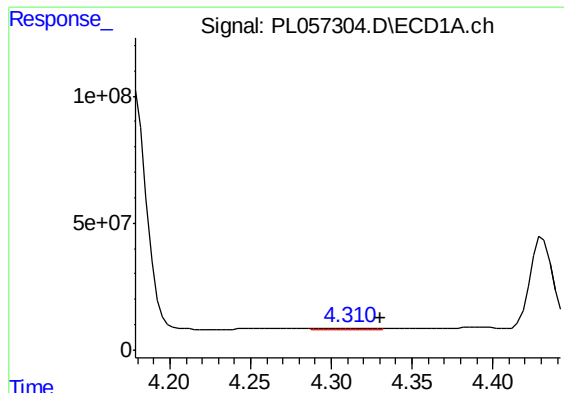
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: -0.008 min  
Response: 454870443  
Conc: 56.13 ng/ml



#22 Mirex

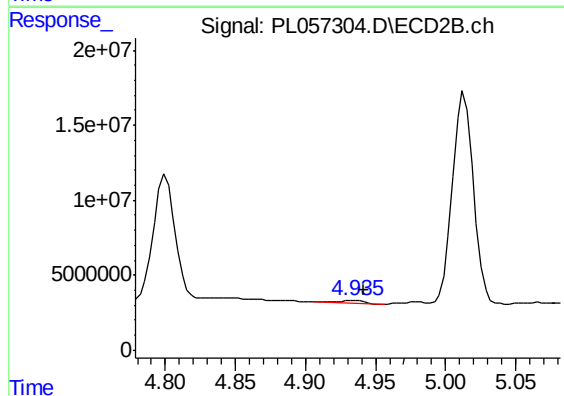
R.T.: 8.116 min  
Delta R.T.: -0.003 min  
Response: 99459664  
Conc: 51.88 ng/ml



#23 Chlordane-1

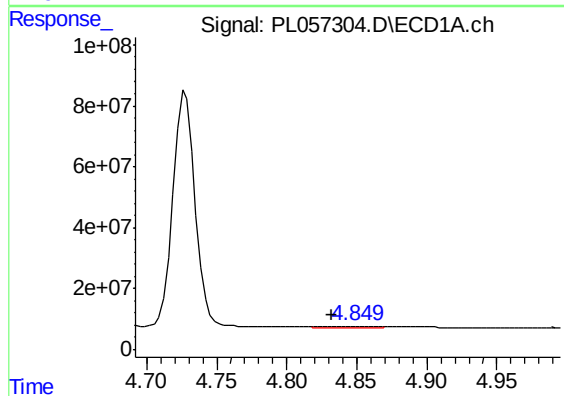
R.T.: 4.311 min  
Delta R.T.: -0.019 min  
Response: 17414567  
Conc: 57.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



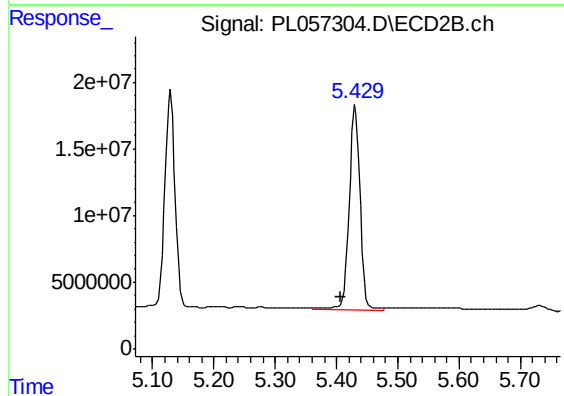
#23 Chlordane-1

R.T.: 4.936 min  
Delta R.T.: -0.006 min  
Response: 2355110  
Conc: 29.36 ng/ml



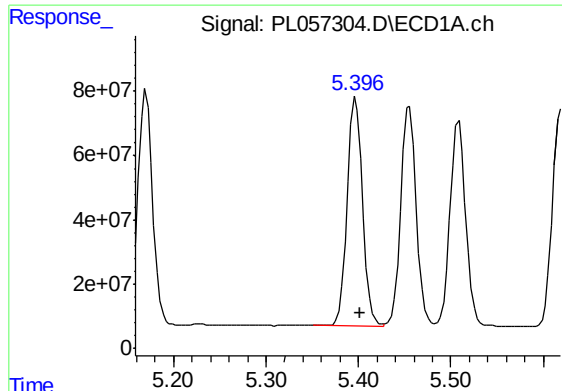
#24 Chlordane-2

R.T.: 4.834 min  
Delta R.T.: 0.002 min  
Response: 12137708  
Conc: 34.42 ng/ml



#24 Chlordane-2

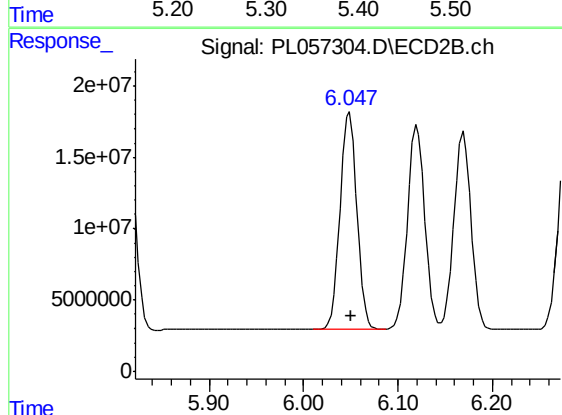
R.T.: 5.431 min  
Delta R.T.: 0.024 min  
Response: 190274686  
Conc: 1993.36 ng/ml



#25 Chlordane-3

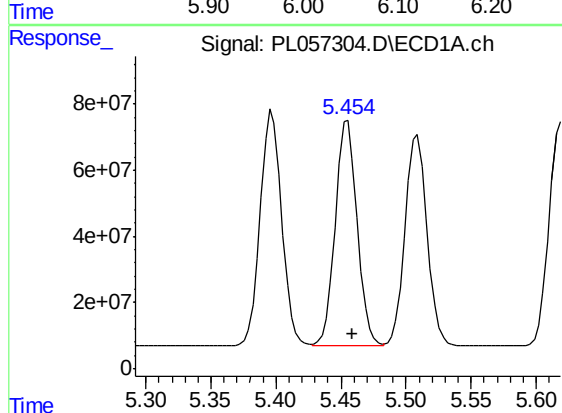
R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 821359840  
Conc: 761.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



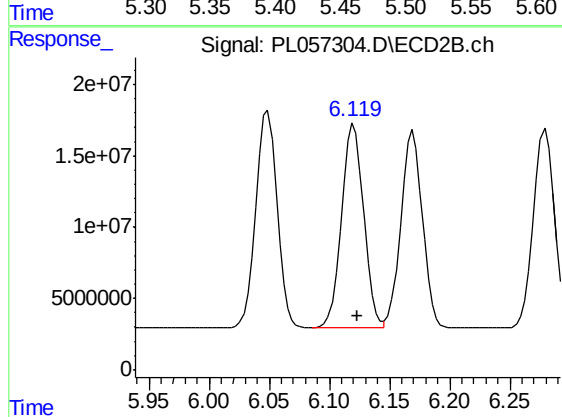
#25 Chlordane-3

R.T.: 6.049 min  
Delta R.T.: -0.001 min  
Response: 187329672  
Conc: 494.29 ng/ml



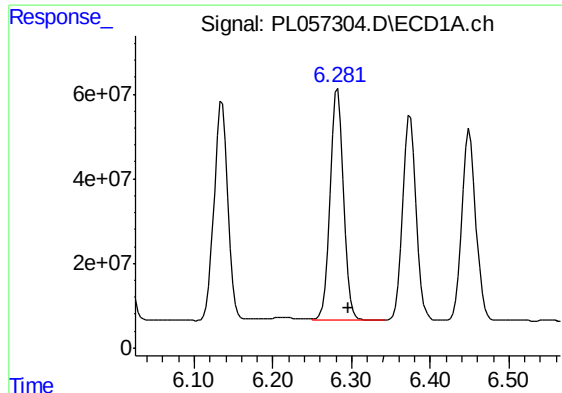
#26 Chlordane-4

R.T.: 5.455 min  
Delta R.T.: -0.004 min  
Response: 792613830  
Conc: 862.48 ng/ml



#26 Chlordane-4

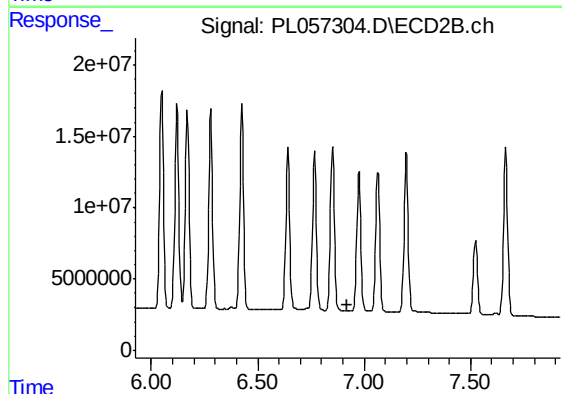
R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 183585000  
Conc: 400.37 ng/ml



#27 Chlordane-5

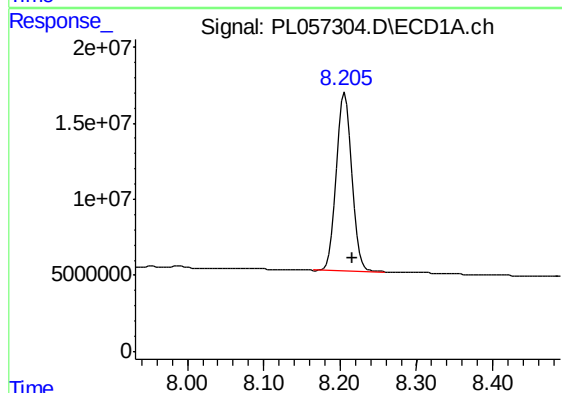
R.T.: 6.282 min  
Delta R.T.: -0.013 min  
Response: 668059461  
Conc: 1839.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127480BSD



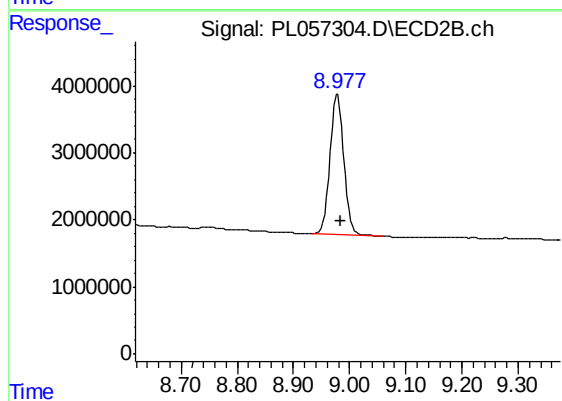
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: -0.010 min  
Response: 164542736  
Conc: 17.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.006 min  
Response: 36134689  
Conc: 17.01 ng/ml