

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
 Data File : PL065020.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2021 10:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 01:11:39 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 2021  
 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... | 3.430 | 4.099  | 124.9E6  | 106.8E6  | 44.392   | 49.462     |
| 28)                         | SA Decachlor... | 8.156 | 9.262  | 107.8E6  | 90913648 | 47.934   | 47.865     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.864 | 4.503  | 213.2E6  | 159.2E6  | 45.972   | 52.557     |
| 3)                          | MA gamma-BHC... | 4.145 | 4.795  | 193.8E6  | 148.2E6  | 44.832   | 52.174     |
| 4)                          | MA Heptachlor   | 4.442 | 5.307  | 177.9E6  | 141.3E6  | 43.387   | 47.702     |
| 5)                          | MB Aldrin       | 4.688 | 5.617  | 165.6E6  | 121.7E6  | 44.469   | 49.608     |
| 6)                          | B beta-BHC      | 4.397 | 4.975  | 77344714 | 64810147 | 45.252   | 49.466     |
| 7)                          | B delta-BHC     | 4.598 | 5.195  | 188.8E6  | 131.4E6  | 46.715   | 48.635     |
| 8)                          | B Heptachlo...  | 5.130 | 6.012  | 156.4E6  | 113.1E6  | 45.035   | 51.257     |
| 9)                          | A Endosulfan I  | 5.465 | 6.374  | 144.9E6  | 104.6E6  | 45.185   | 49.872     |
| 10)                         | B gamma-Chl...  | 5.355 | 6.248  | 157.7E6  | 116.2E6  | 44.988   | 50.287     |
| 11)                         | B alpha-Chl...  | 5.412 | 6.320  | 155.9E6  | 115.1E6  | 45.025   | 49.991     |
| 12)                         | B 4,4'-DDE      | 5.579 | 6.477  | 143.7E6  | 102.1E6  | 45.916   | 50.331     |
| 13)                         | MA Dieldrin     | 5.707 | 6.635  | 150.5E6  | 106.4E6  | 45.890   | 49.751     |
| 14)                         | MA Endrin       | 5.961 | 6.857  | 128.8E6  | 83485489 | 42.888   | 46.181     |
| 15)                         | B Endosulfa...  | 6.235 | 7.073  | 134.2E6  | 93787312 | 46.593   | 49.772     |
| 16)                         | A 4,4'-DDD      | 6.093 | 6.977  | 119.3E6  | 83077136 | 47.096   | 47.922     |
| 17)                         | MA 4,4'-DDT     | 6.331 | 7.277  | 102.8E6  | 73157901 | 45.567   | 47.983     |
| 18)                         | B Endrin al...  | 6.403 | 7.198  | 112.7E6  | 79293285 | 46.222   | 48.695     |
| 19)                         | B Endosulfa...  | 6.616 | 7.422  | 132.5E6  | 89949950 | 46.708   | 49.983     |
| 20)                         | A Methoxychlor  | 6.879 | 7.738  | 57175374 | 43982438 | 44.156   | 48.655     |
| 21)                         | B Endrin ke...  | 7.102 | 7.901  | 140.6E6  | 92883079 | 49.026   | 48.587     |
| 22)                         | Mirex           | 7.283 | 8.351  | 100.6E6  | 70334975 | 47.599   | 50.600     |
| 24)                         | Chlordane-2     | 0.000 | 5.617f | 0        | 121.7E6  | N.D.     | 1395.242 # |
| 25)                         | Chlordane-3     | 5.355 | 6.248  | 157.7E6  | 116.2E6  | 480.037  | 380.083    |
| 26)                         | Chlordane-4     | 5.412 | 6.320  | 155.9E6  | 115.1E6  | 566.770  | 310.651 #  |
| 27)                         | Chlordane-5     | 6.235 | 0.000  | 134.2E6  | 0        | 1326.011 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

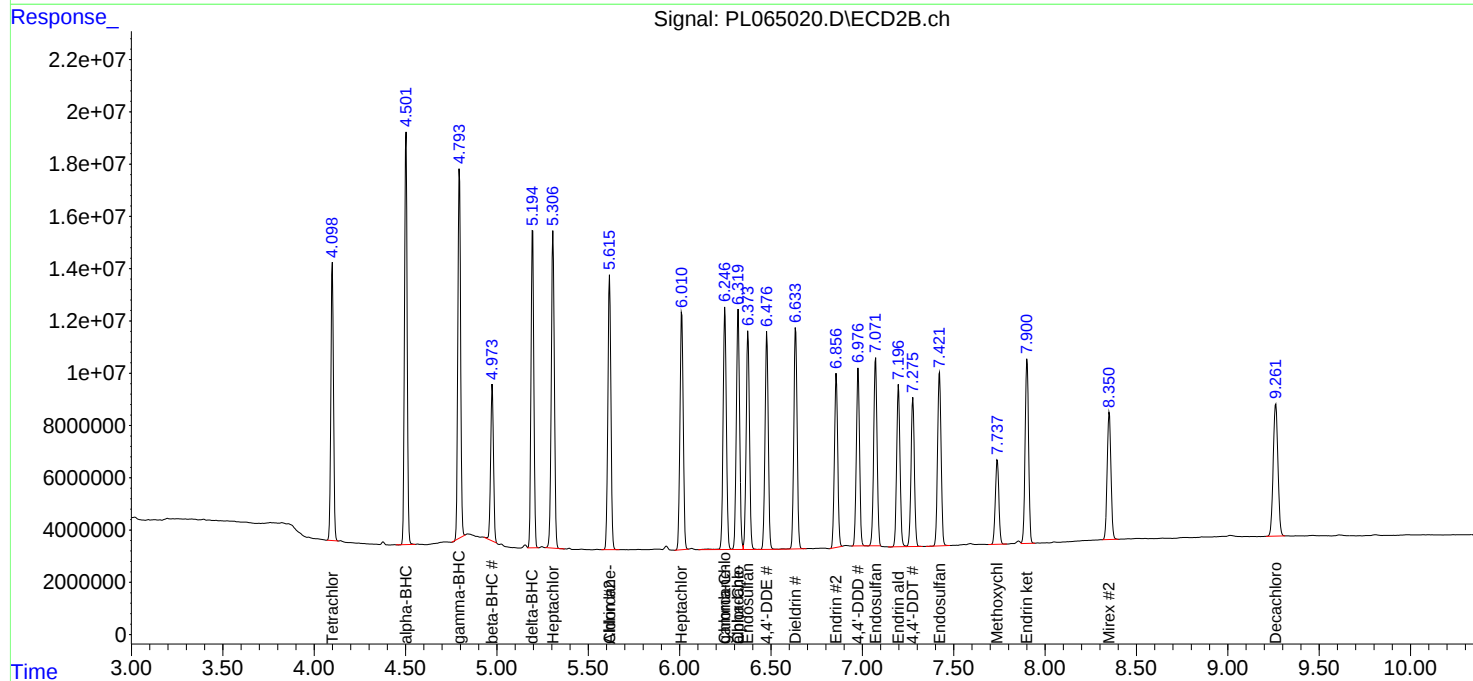
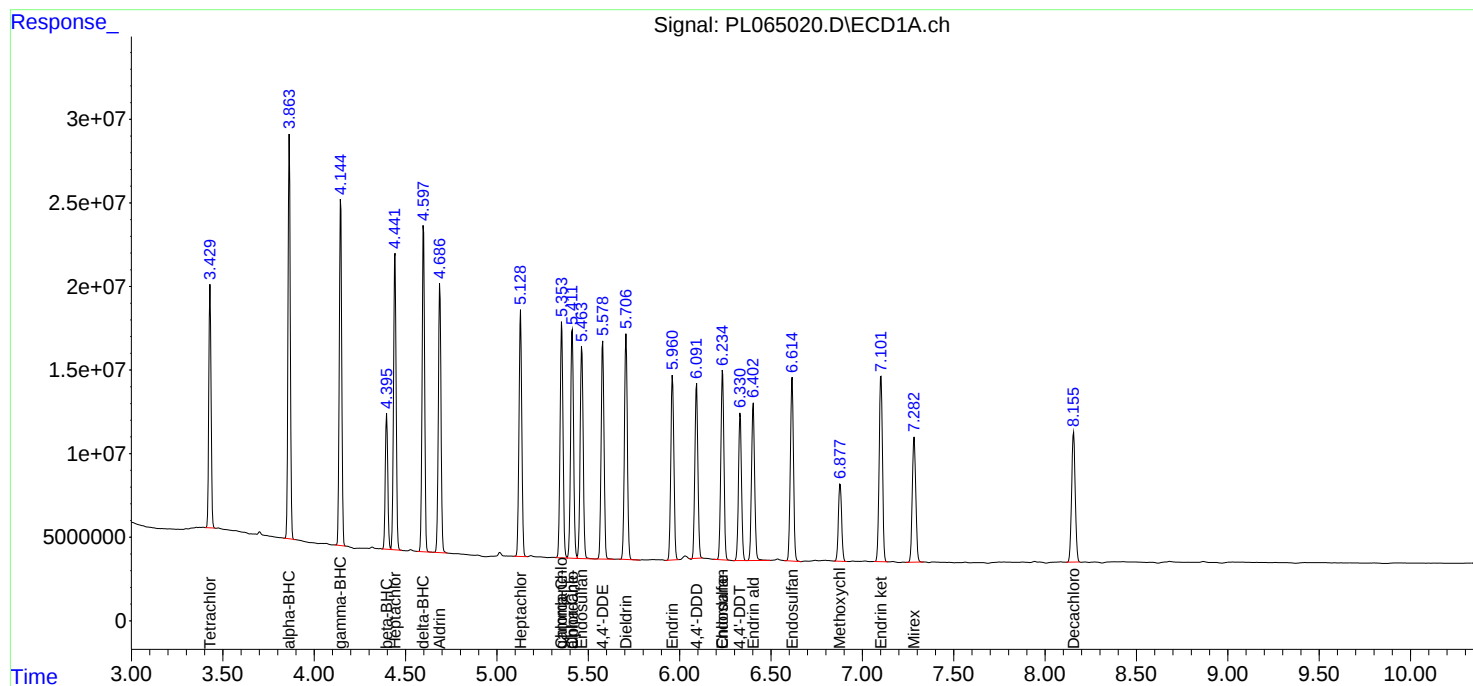
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

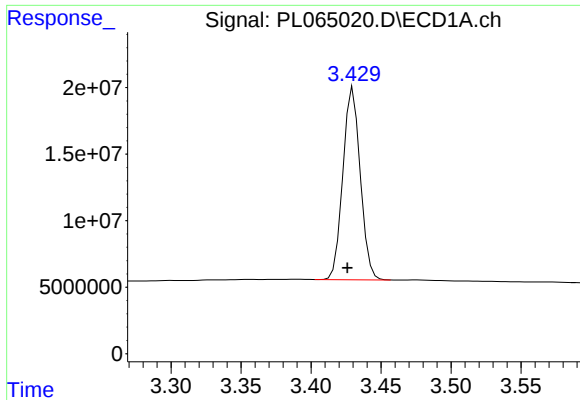
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
Data File : PL065020.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2021 10:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 01:11:39 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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

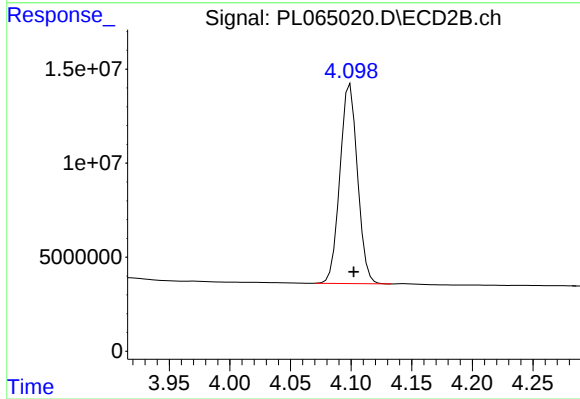




#1 Tetrachloro-m-xylene

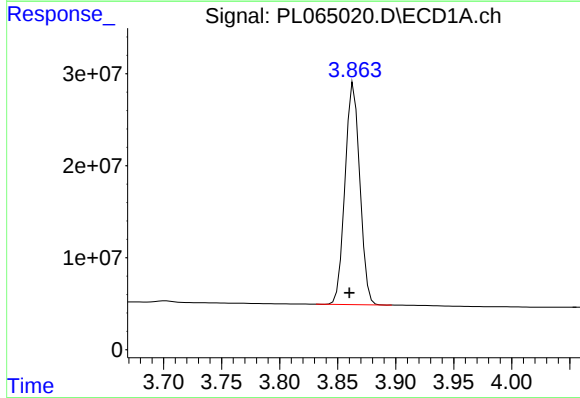
R.T.: 3.430 min  
Delta R.T.: 0.004 min  
Response: 124896177  
Conc: 44.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



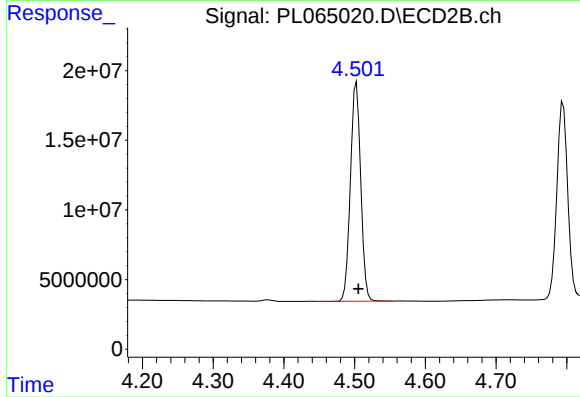
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: -0.003 min  
Response: 106847341  
Conc: 49.46 ng/ml



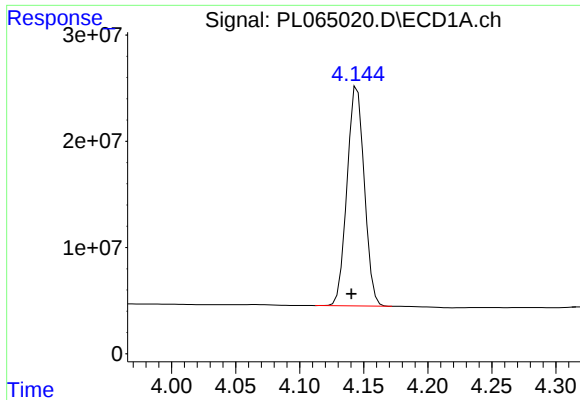
#2 alpha-BHC

R.T.: 3.864 min  
Delta R.T.: 0.004 min  
Response: 213197129  
Conc: 45.97 ng/ml



#2 alpha-BHC

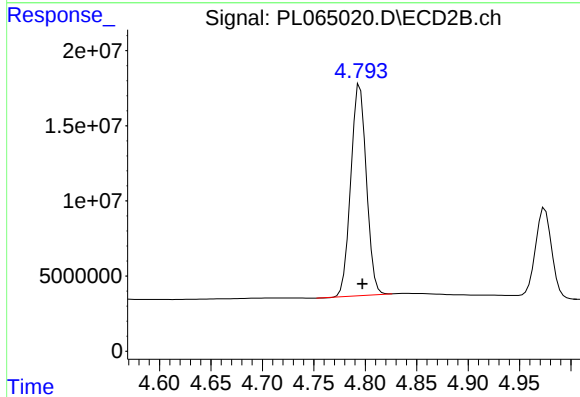
R.T.: 4.503 min  
Delta R.T.: -0.003 min  
Response: 159192690  
Conc: 52.56 ng/ml



#3 gamma-BHC (Lindane)

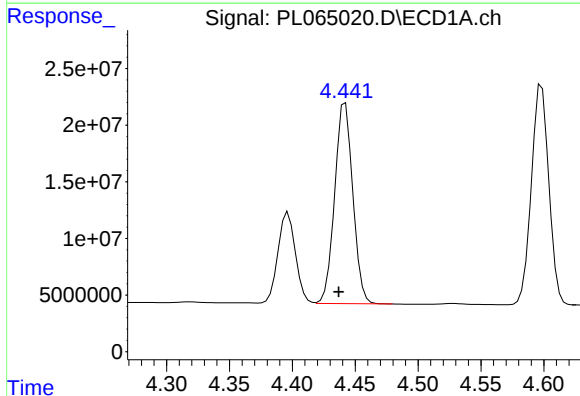
R.T.: 4.145 min  
Delta R.T.: 0.005 min  
Response: 193830618  
Conc: 44.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



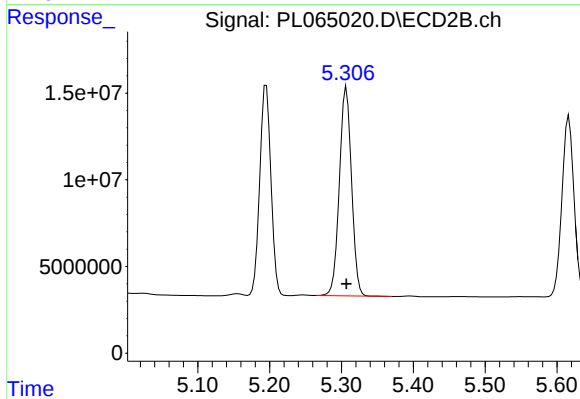
#3 gamma-BHC (Lindane)

R.T.: 4.795 min  
Delta R.T.: -0.003 min  
Response: 148198810  
Conc: 52.17 ng/ml



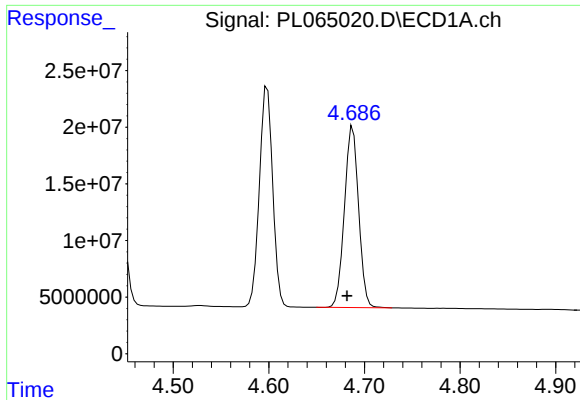
#4 Heptachlor

R.T.: 4.442 min  
Delta R.T.: 0.005 min  
Response: 177894035  
Conc: 43.39 ng/ml



#4 Heptachlor

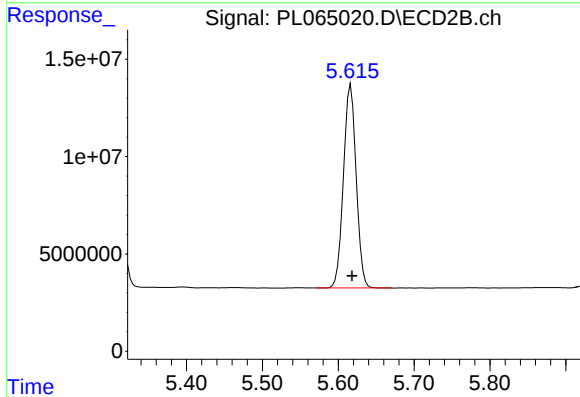
R.T.: 5.307 min  
Delta R.T.: 0.000 min  
Response: 141318963  
Conc: 47.70 ng/ml



#5 Aldrin

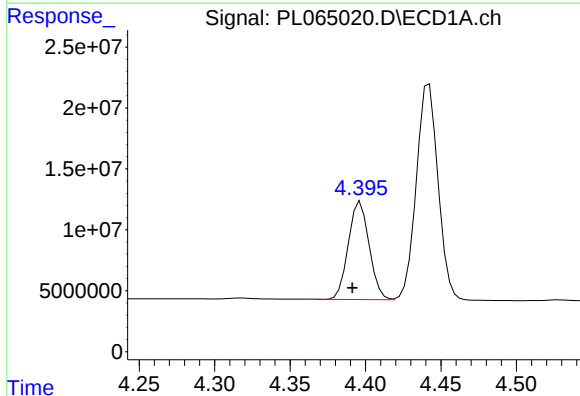
R.T.: 4.688 min  
Delta R.T.: 0.006 min  
Response: 165584088  
Conc: 44.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



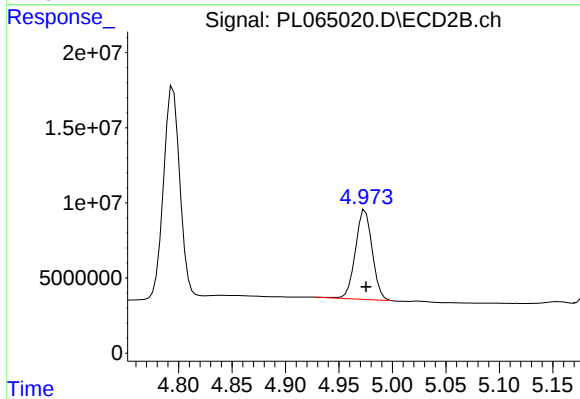
#5 Aldrin

R.T.: 5.617 min  
Delta R.T.: -0.001 min  
Response: 121657112  
Conc: 49.61 ng/ml



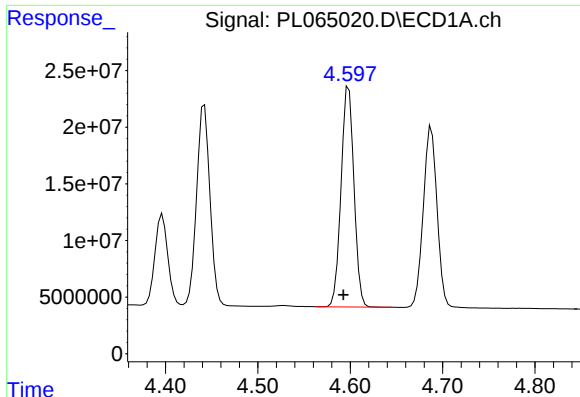
#6 beta-BHC

R.T.: 4.397 min  
Delta R.T.: 0.005 min  
Response: 77344714  
Conc: 45.25 ng/ml



#6 beta-BHC

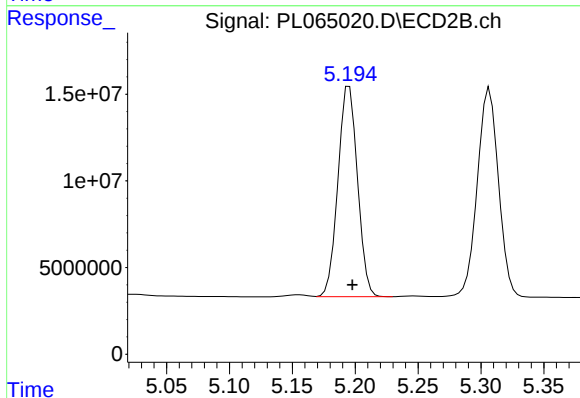
R.T.: 4.975 min  
Delta R.T.: 0.000 min  
Response: 64810147  
Conc: 49.47 ng/ml



#7 delta-BHC

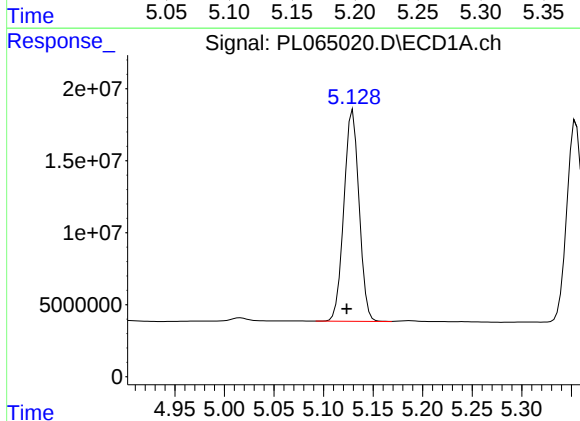
R.T.: 4.598 min  
Delta R.T.: 0.006 min  
Response: 188834657  
Conc: 46.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



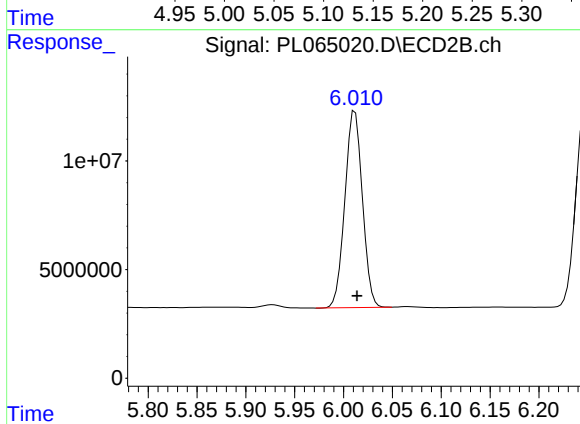
#7 delta-BHC

R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 131400098  
Conc: 48.63 ng/ml



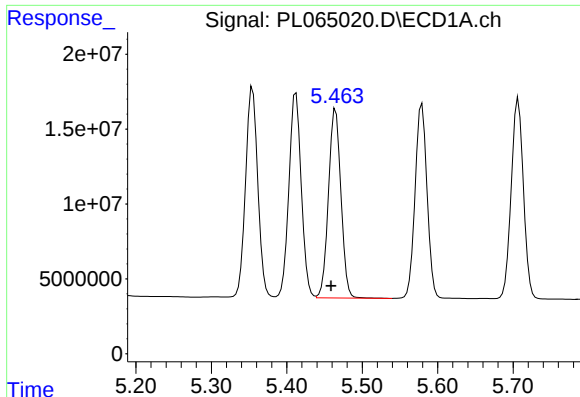
#8 Heptachlor epoxide

R.T.: 5.130 min  
Delta R.T.: 0.006 min  
Response: 156356770  
Conc: 45.04 ng/ml



#8 Heptachlor epoxide

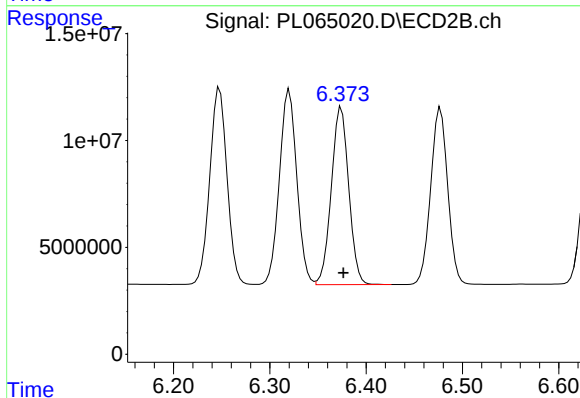
R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 113088954  
Conc: 51.26 ng/ml



#9 Endosulfan I

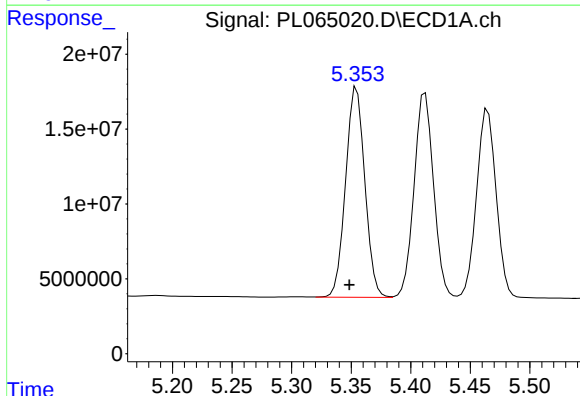
R.T.: 5.465 min  
Delta R.T.: 0.006 min  
Response: 144902702  
Conc: 45.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



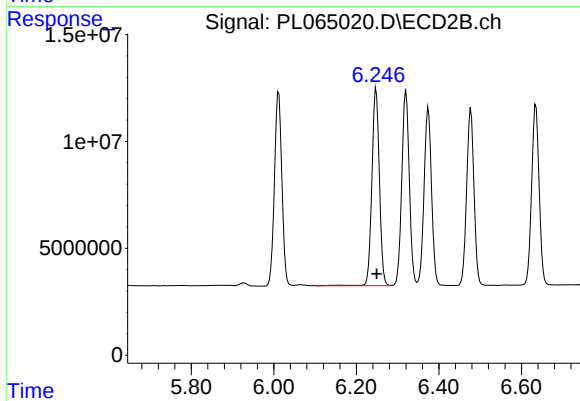
#9 Endosulfan I

R.T.: 6.374 min  
Delta R.T.: -0.002 min  
Response: 104605203  
Conc: 49.87 ng/ml



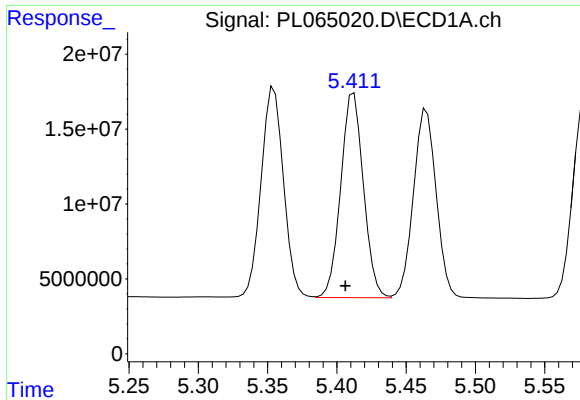
#10 gamma-Chlordane

R.T.: 5.355 min  
Delta R.T.: 0.006 min  
Response: 157747240  
Conc: 44.99 ng/ml



#10 gamma-Chlordane

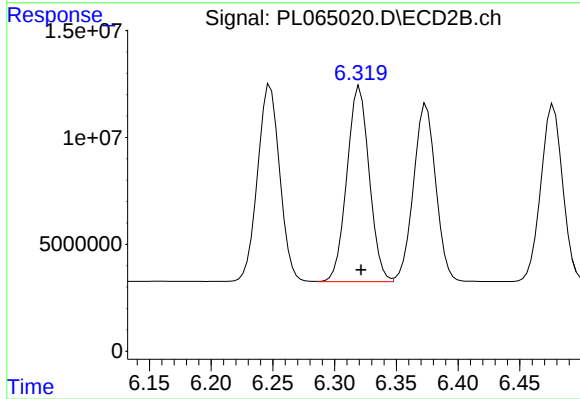
R.T.: 6.248 min  
Delta R.T.: -0.001 min  
Response: 116213614  
Conc: 50.29 ng/ml



#11 alpha-Chlordane

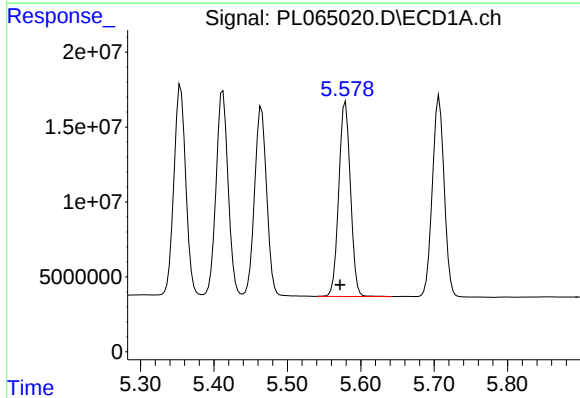
R.T.: 5.412 min  
Delta R.T.: 0.006 min  
Response: 155944275  
Conc: 45.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



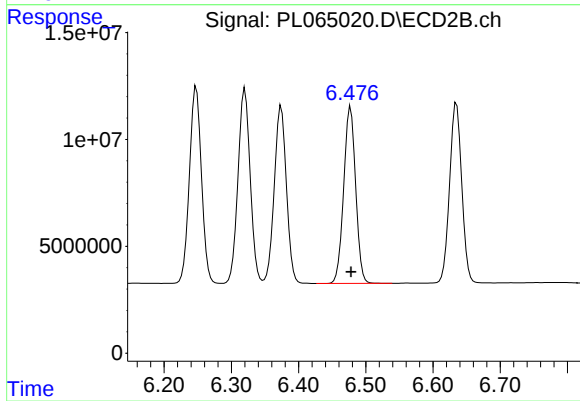
#11 alpha-Chlordane

R.T.: 6.320 min  
Delta R.T.: -0.001 min  
Response: 115089247  
Conc: 49.99 ng/ml



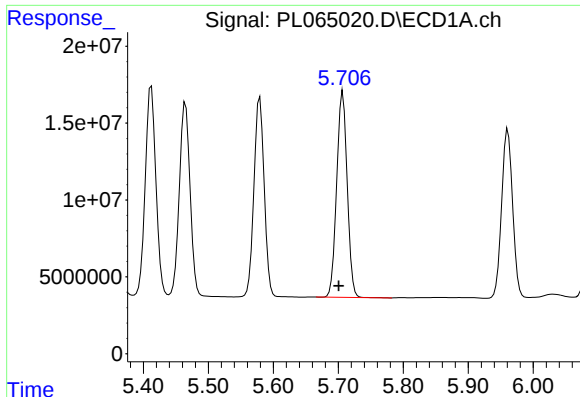
#12 4,4'-DDE

R.T.: 5.579 min  
Delta R.T.: 0.007 min  
Response: 143690740  
Conc: 45.92 ng/ml



#12 4,4'-DDE

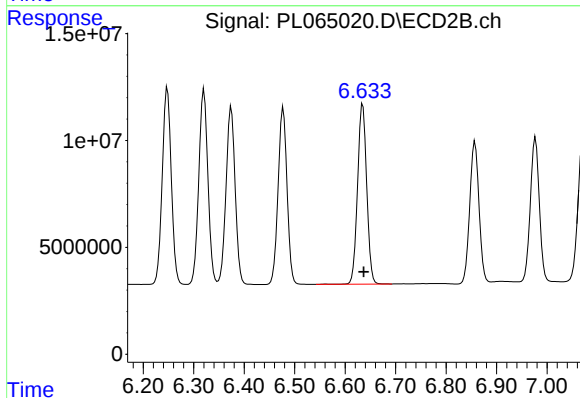
R.T.: 6.477 min  
Delta R.T.: 0.000 min  
Response: 102072467  
Conc: 50.33 ng/ml



#13 Dieldrin

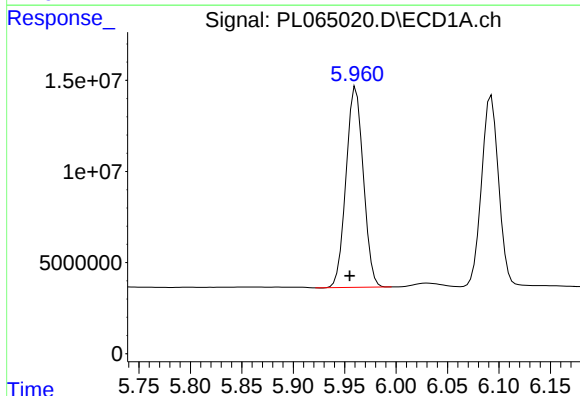
R.T.: 5.707 min  
Delta R.T.: 0.006 min  
Response: 150526319  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



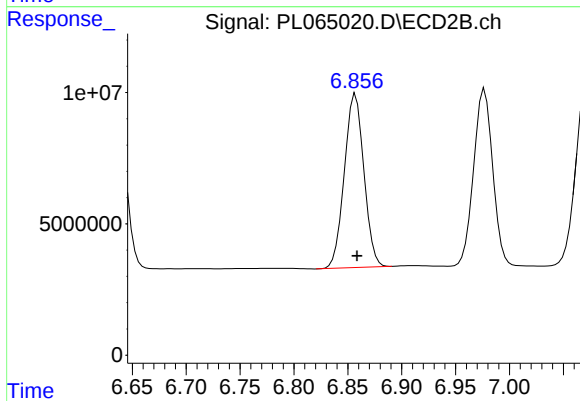
#13 Dieldrin

R.T.: 6.635 min  
Delta R.T.: -0.002 min  
Response: 106350729  
Conc: 49.75 ng/ml



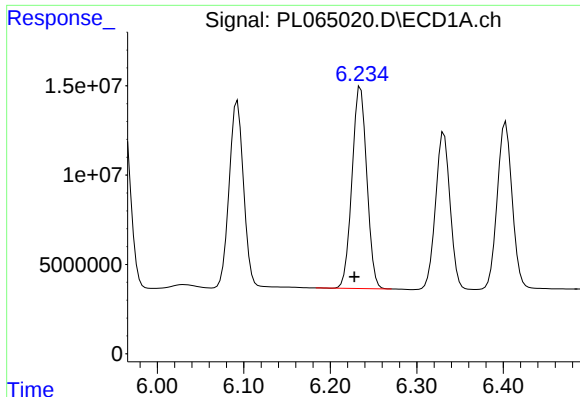
#14 Endrin

R.T.: 5.961 min  
Delta R.T.: 0.006 min  
Response: 128807712  
Conc: 42.89 ng/ml



#14 Endrin

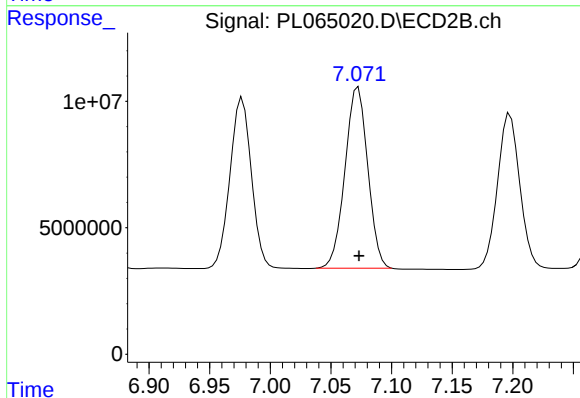
R.T.: 6.857 min  
Delta R.T.: -0.001 min  
Response: 83485489  
Conc: 46.18 ng/ml



#15 Endosulfan II

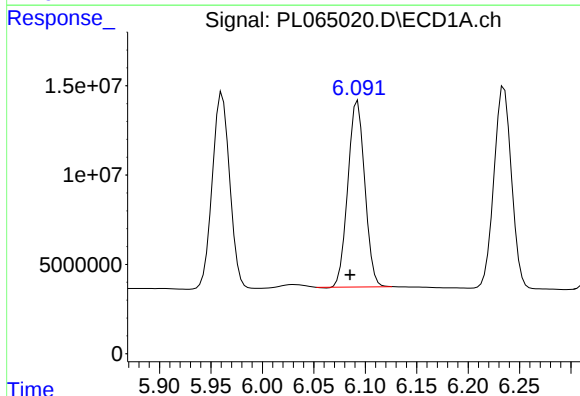
R.T.: 6.235 min  
Delta R.T.: 0.007 min  
Response: 134163977  
Conc: 46.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



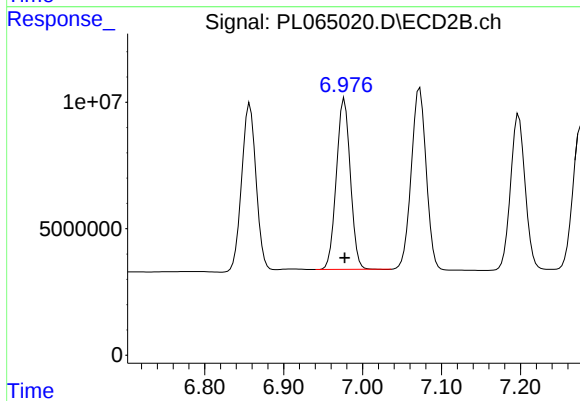
#15 Endosulfan II

R.T.: 7.073 min  
Delta R.T.: 0.000 min  
Response: 93787312  
Conc: 49.77 ng/ml



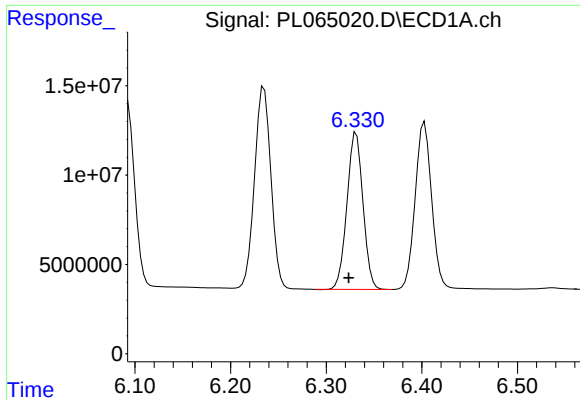
#16 4,4'-DDD

R.T.: 6.093 min  
Delta R.T.: 0.008 min  
Response: 119276372  
Conc: 47.10 ng/ml



#16 4,4'-DDD

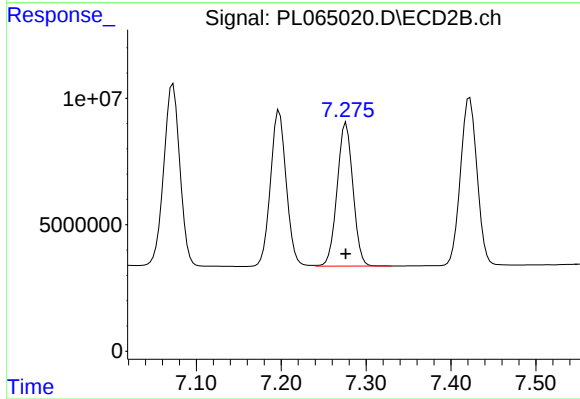
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 83077136  
Conc: 47.92 ng/ml



#17 4,4'-DDT

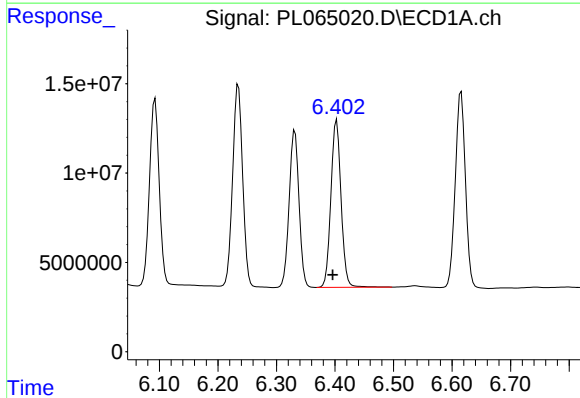
R.T.: 6.331 min  
Delta R.T.: 0.008 min  
Response: 102751874  
Conc: 45.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



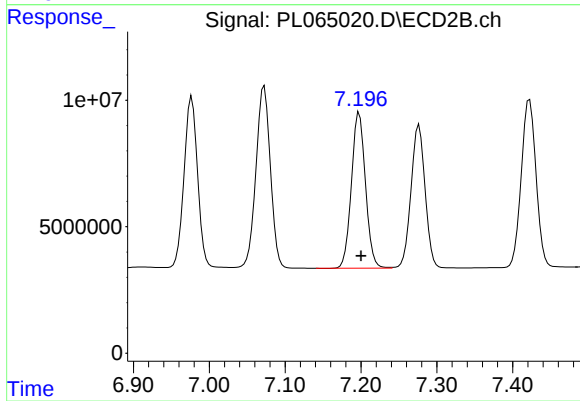
#17 4,4'-DDT

R.T.: 7.277 min  
Delta R.T.: 0.000 min  
Response: 73157901  
Conc: 47.98 ng/ml



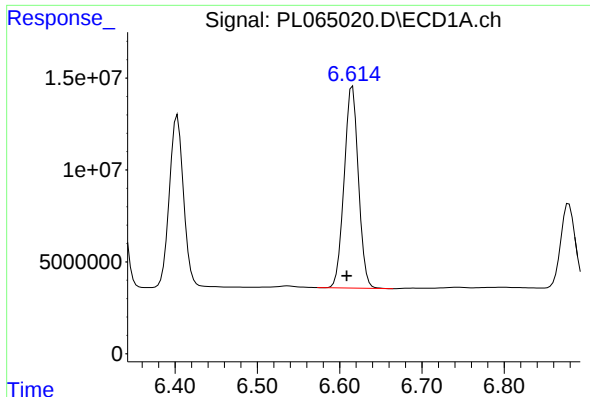
#18 Endrin aldehyde

R.T.: 6.403 min  
Delta R.T.: 0.007 min  
Response: 112696121  
Conc: 46.22 ng/ml



#18 Endrin aldehyde

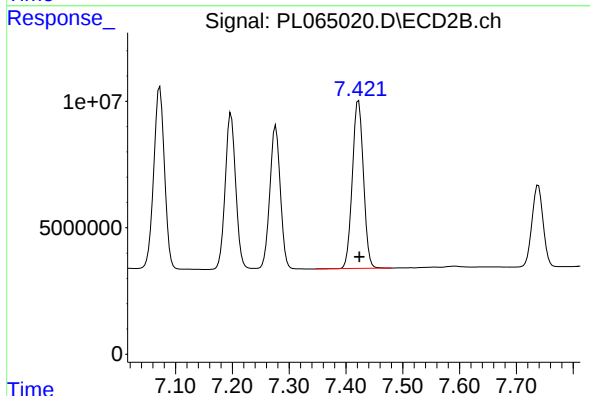
R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 79293285  
Conc: 48.69 ng/ml



#19 Endosulfan Sulfate

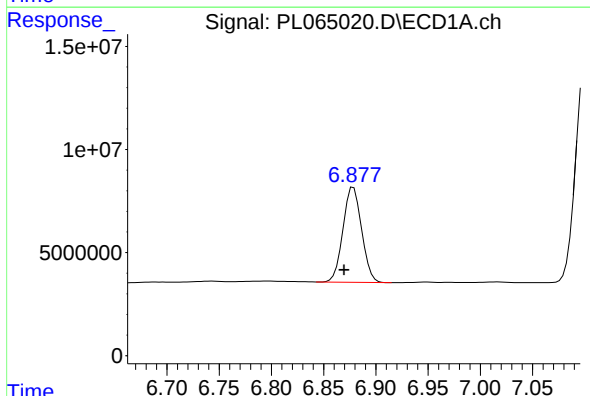
R.T.: 6.616 min  
Delta R.T.: 0.007 min  
Response: 132460212  
Conc: 46.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



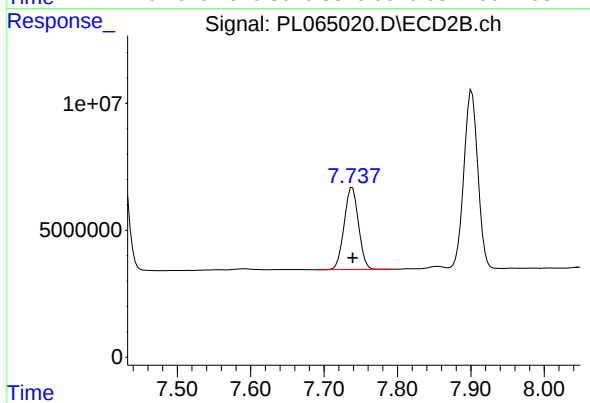
#19 Endosulfan Sulfate

R.T.: 7.422 min  
Delta R.T.: -0.001 min  
Response: 89949950  
Conc: 49.98 ng/ml



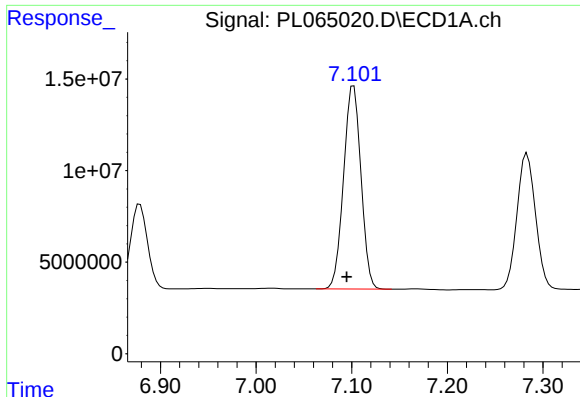
#20 Methoxychlor

R.T.: 6.879 min  
Delta R.T.: 0.009 min  
Response: 57175374  
Conc: 44.16 ng/ml



#20 Methoxychlor

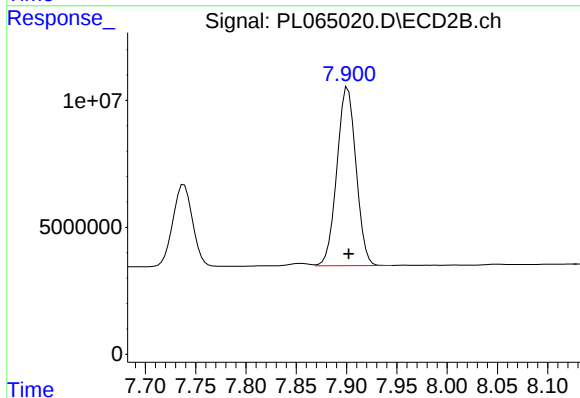
R.T.: 7.738 min  
Delta R.T.: 0.000 min  
Response: 43982438  
Conc: 48.66 ng/ml



#21 Endrin ketone

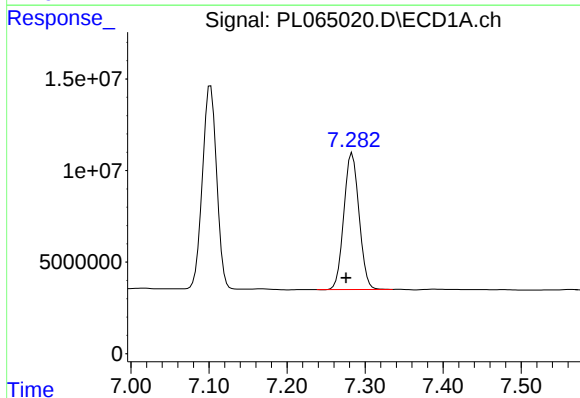
R.T.: 7.102 min  
Delta R.T.: 0.007 min  
Response: 140610091  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



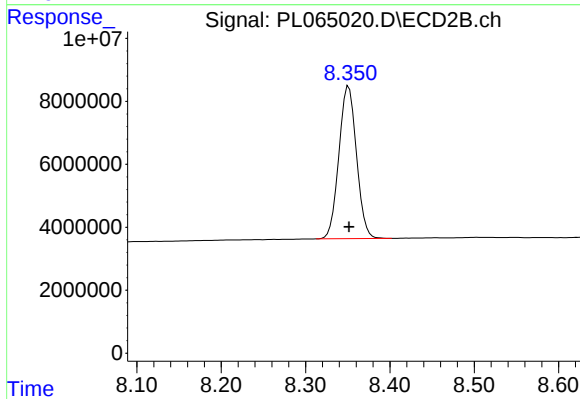
#21 Endrin ketone

R.T.: 7.901 min  
Delta R.T.: 0.000 min  
Response: 92883079  
Conc: 48.59 ng/ml



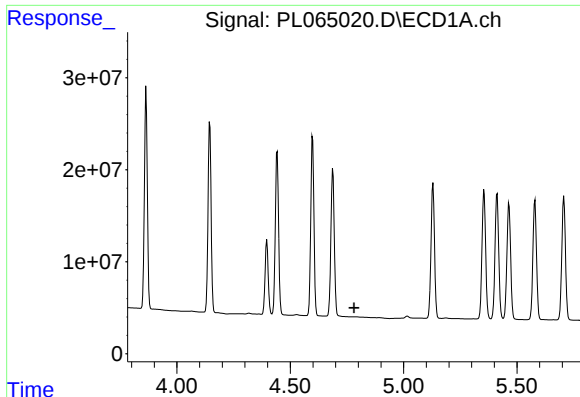
#22 Mirex

R.T.: 7.283 min  
Delta R.T.: 0.008 min  
Response: 100574303  
Conc: 47.60 ng/ml



#22 Mirex

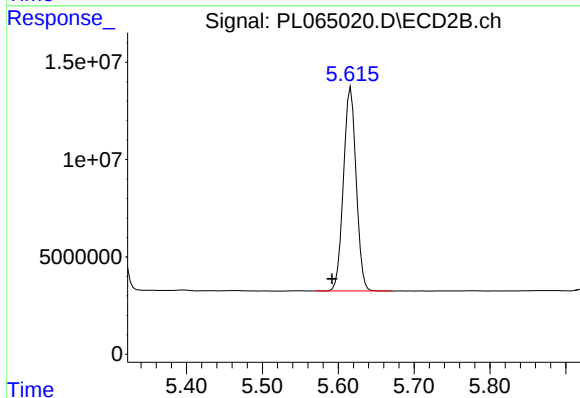
R.T.: 8.351 min  
Delta R.T.: 0.000 min  
Response: 70334975  
Conc: 50.60 ng/ml



#24 Chlordane-2

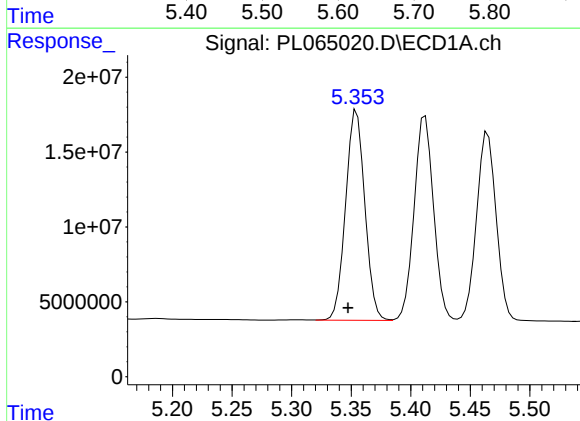
R.T.: 0.000 min  
Exp R.T.: 4.782 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



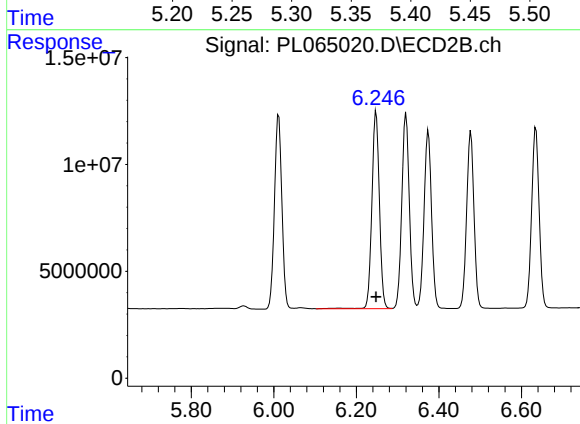
#24 Chlordane-2

R.T.: 5.617 min  
Delta R.T.: 0.025 min  
Response: 121657112  
Conc: 1395.24 ng/ml



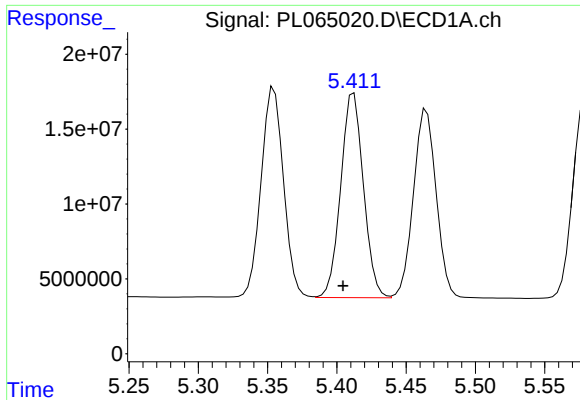
#25 Chlordane-3

R.T.: 5.355 min  
Delta R.T.: 0.007 min  
Response: 157747240  
Conc: 480.04 ng/ml



#25 Chlordane-3

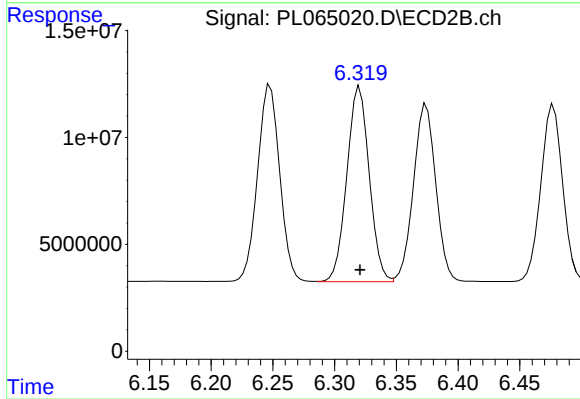
R.T.: 6.248 min  
Delta R.T.: 0.000 min  
Response: 116213614  
Conc: 380.08 ng/ml



#26 Chlordane-4

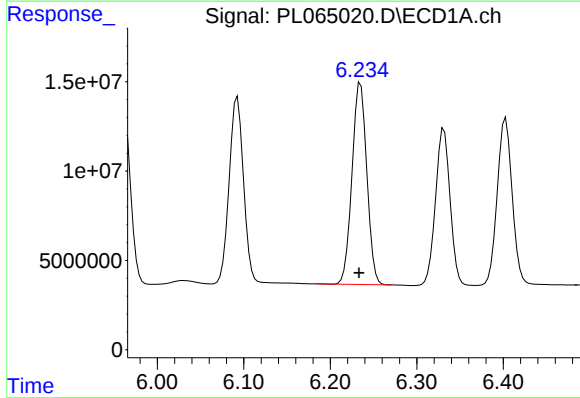
R.T.: 5.412 min  
Delta R.T.: 0.008 min  
Response: 155944275  
Conc: 566.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



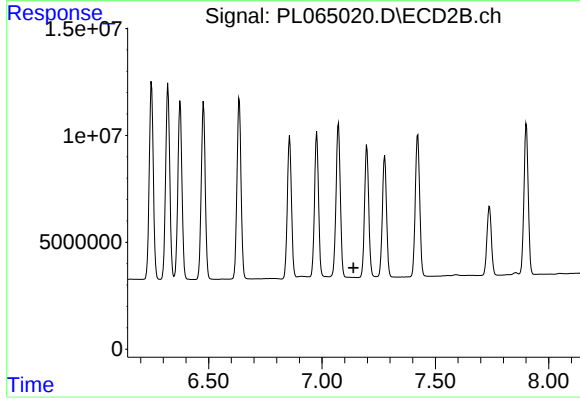
#26 Chlordane-4

R.T.: 6.320 min  
Delta R.T.: 0.000 min  
Response: 115089247  
Conc: 310.65 ng/ml



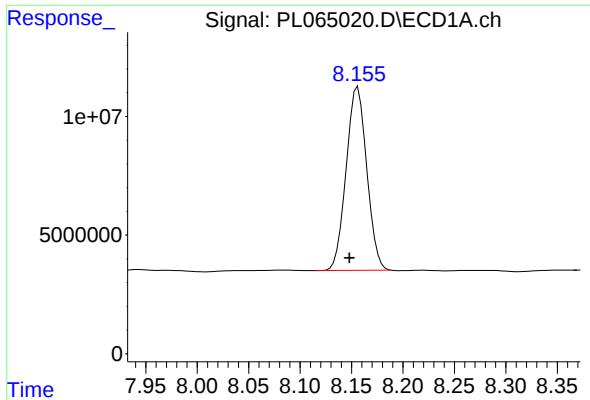
#27 Chlordane-5

R.T.: 6.235 min  
Delta R.T.: 0.002 min  
Response: 134163977  
Conc: 1326.01 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

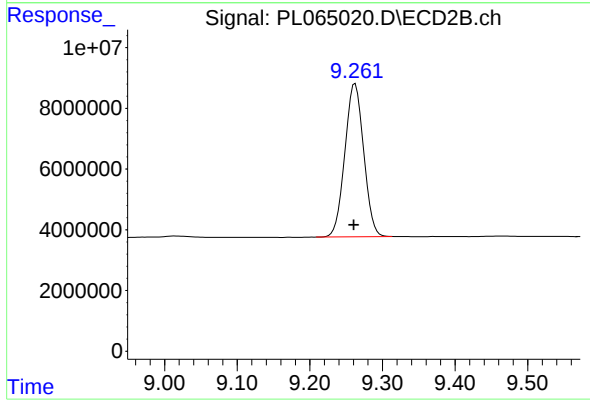
R.T.: 8.156 min

Delta R.T.: 0.008 min

Response: 107794244

Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.262 min

Delta R.T.: 0.002 min

Response: 90913648

Conc: 47.86 ng/ml