

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091620\  
 Data File : PL061530.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2020 18:28  
 Operator : DD\AJ  
 Sample : PB131666BS  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB131665BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 01:04:27 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 01:27:38 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 | 4.008  | 40032426 | 72576392 | 23.211   | 23.595     |
| 28)                         | SA Decachlor... | 8.210 | 9.094  | 37195009 | 54766696 | 22.295   | 23.161     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.398  | 147.8E6  | 274.8E6  | 57.747   | 59.509     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.683  | 129.8E6  | 248.1E6  | 56.857   | 57.837     |
| 4)                          | MA Heptachlor   | 4.480 | 5.194  | 122.3E6  | 228.0E6  | 56.991   | 58.320     |
| 5)                          | MB Aldrin       | 4.728 | 5.500  | 110.7E6  | 214.3E6  | 57.679   | 56.708     |
| 6)                          | B beta-BHC      | 4.429 | 4.854  | 57115893 | 109.1E6  | 59.459   | 62.495     |
| 7)                          | B delta-BHC     | 4.633 | 5.072  | 124.2E6  | 210.7E6  | 57.354   | 66.068     |
| 8)                          | B Heptachlo...  | 5.170 | 5.887  | 106.3E6  | 192.8E6  | 57.026   | 64.584     |
| 9)                          | A Endosulfan I  | 5.508 | 6.245  | 98650751 | 181.0E6  | 57.341   | 56.428     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.122  | 106.5E6  | 195.5E6  | 57.475   | 56.707     |
| 11)                         | B alpha-Chl...  | 5.455 | 6.195  | 104.2E6  | 194.0E6  | 56.264   | 55.757     |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.353  | 98032362 | 183.2E6  | 57.652   | 57.157     |
| 13)                         | MA Dieldrin     | 5.751 | 6.503  | 105.7E6  | 188.3E6  | 58.879   | 57.433     |
| 14)                         | MA Endrin       | 6.008 | 6.721  | 92119583 | 148.5E6  | 54.815   | 53.095     |
| 15)                         | B Endosulfa...  | 6.281 | 6.931  | 91792255 | 151.9E6  | 53.654   | 51.412     |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.844  | 84990232 | 146.3E6  | 58.810   | 56.963     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.144  | 77670043 | 131.1E6  | 56.566   | 52.366     |
| 18)                         | B Endrin al...  | 6.449 | 7.056  | 80724465 | 131.3E6  | 54.836   | 53.665     |
| 19)                         | B Endosulfa...  | 6.662 | 7.279  | 96147572 | 152.1E6  | 58.420   | 55.583     |
| 20)                         | A Methoxychlor  | 6.922 | 7.604  | 46062764 | 74561962 | 53.808   | 51.835     |
| 21)                         | B Endrin ke...  | 7.151 | 7.750  | 108.8E6  | 156.8E6  | 59.505   | 57.751     |
| 22)                         | Mirex           | 7.341 | 8.207  | 79503169 | 105.1E6  | 53.170   | 54.588     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0        | 214.3E6  | N.D.     | 1754.395 # |
| 25)                         | Chlordane-3     | 5.398 | 6.122  | 106.5E6  | 195.5E6  | 642.019  | 452.548 #  |
| 26)                         | Chlordane-4     | 5.455 | 6.195  | 104.2E6  | 194.0E6  | 757.226  | 370.670 #  |
| 27)                         | Chlordane-5     | 6.281 | 0.000  | 91792255 | 0        | 1633.116 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

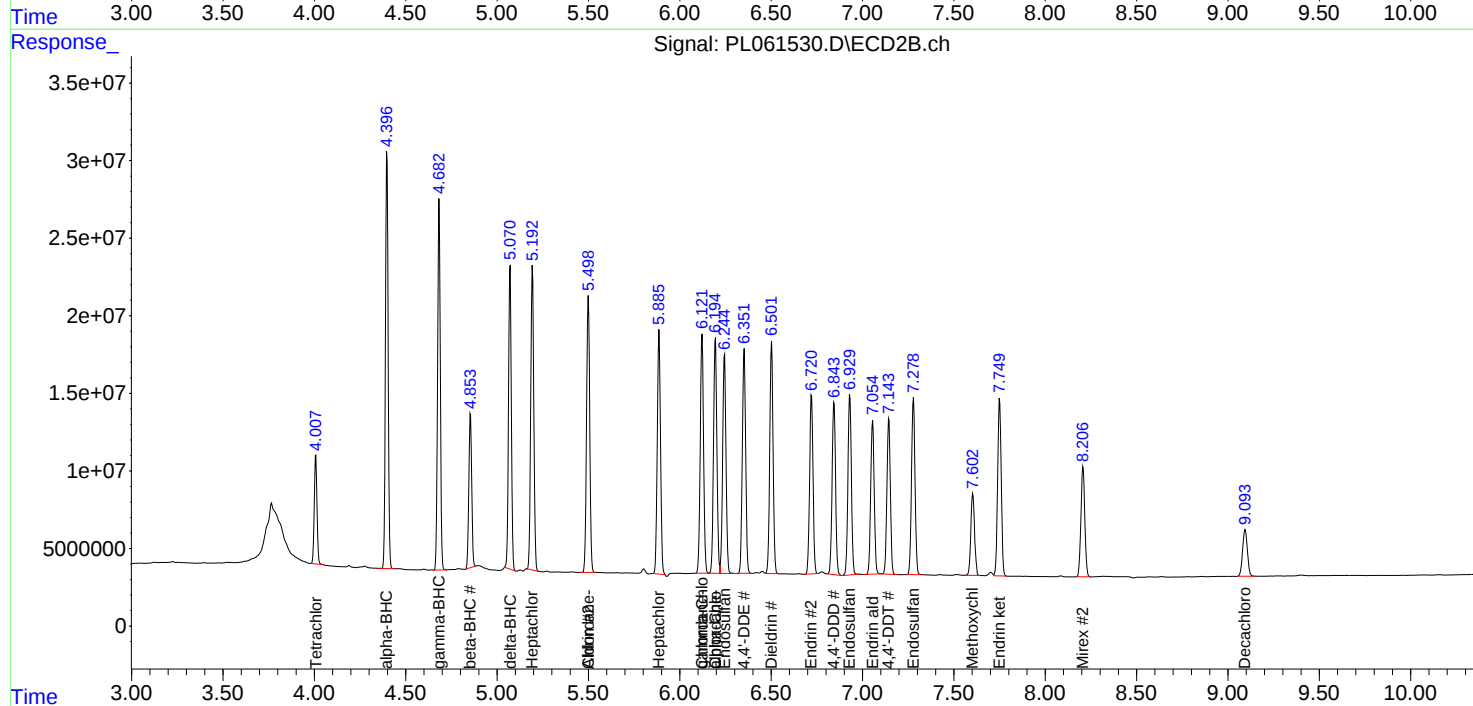
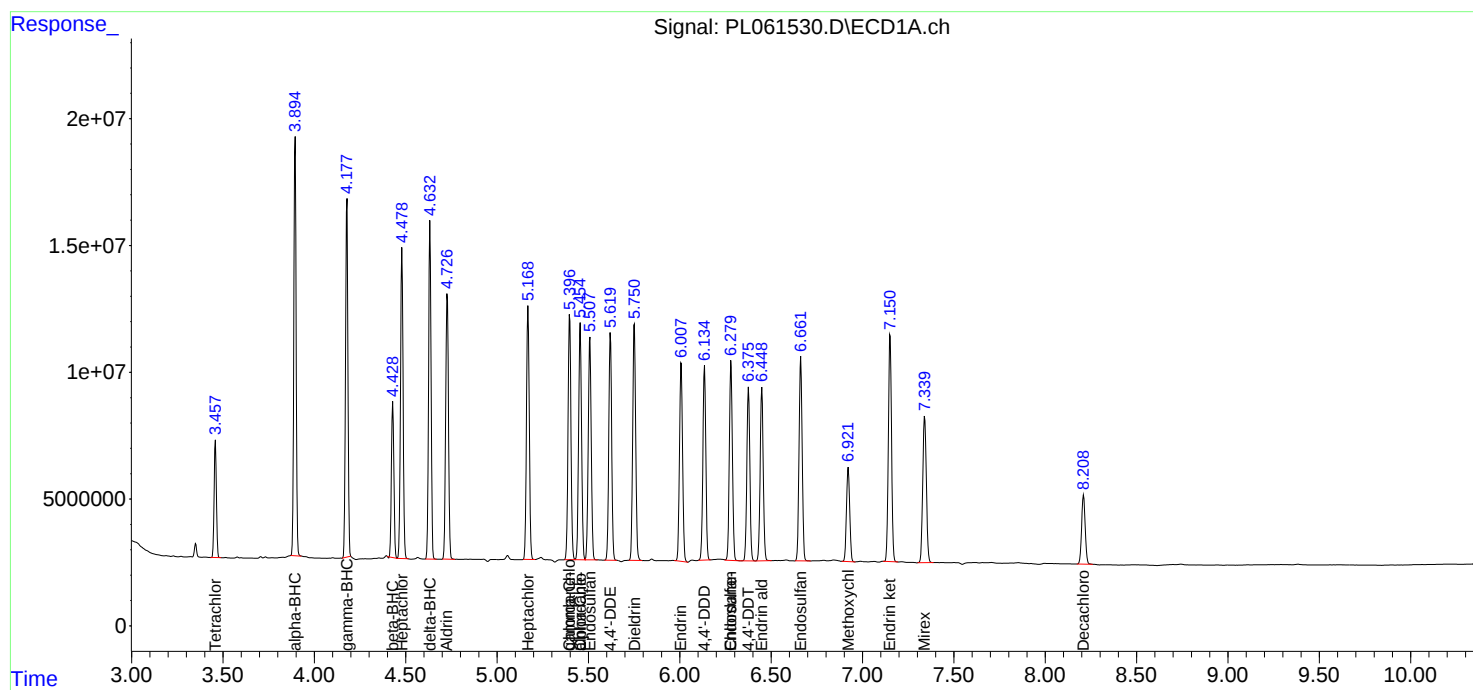
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

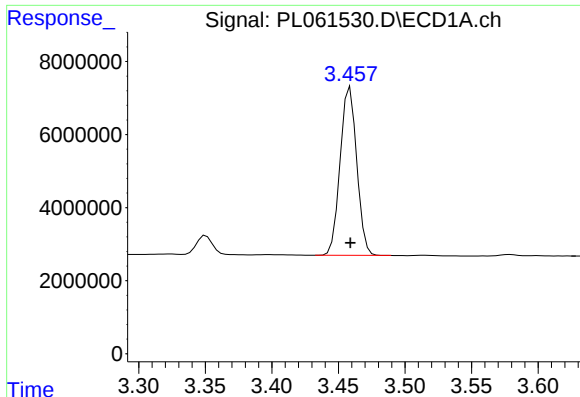
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091620\  
Data File : PL061530.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Sep 2020 18:28  
Operator : DD\AJ  
Sample : PB131666BS  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 17 01:04:27 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 09 01:27:38 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

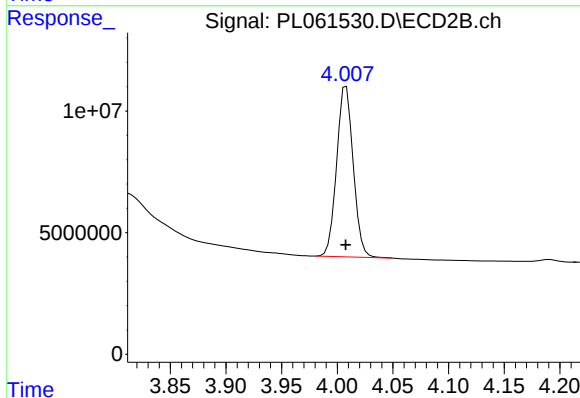




#1 Tetrachloro-m-xylene

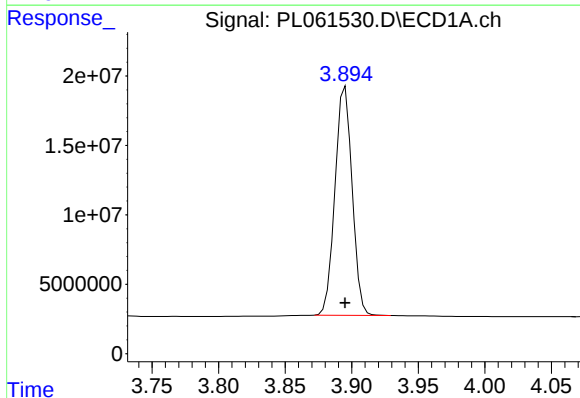
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 40032426  
Conc: 23.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



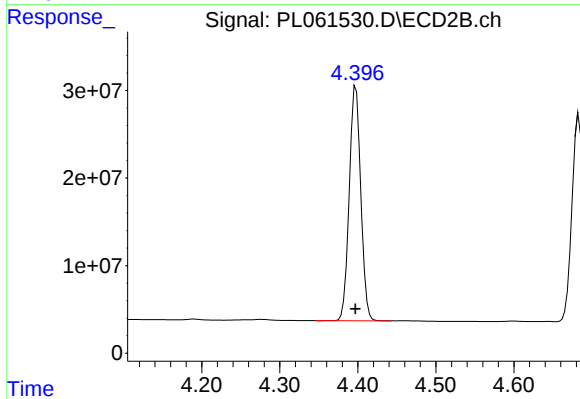
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 72576392  
Conc: 23.59 ng/ml



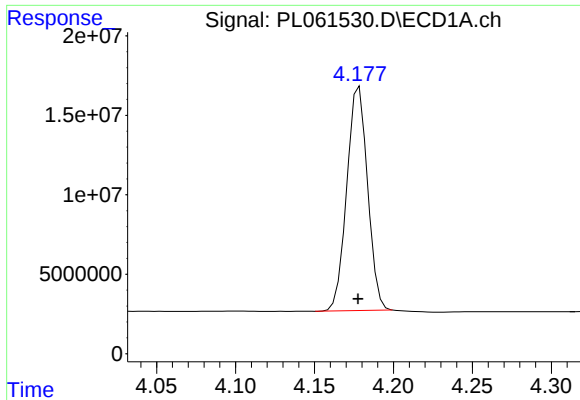
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 147782567  
Conc: 57.75 ng/ml



#2 alpha-BHC

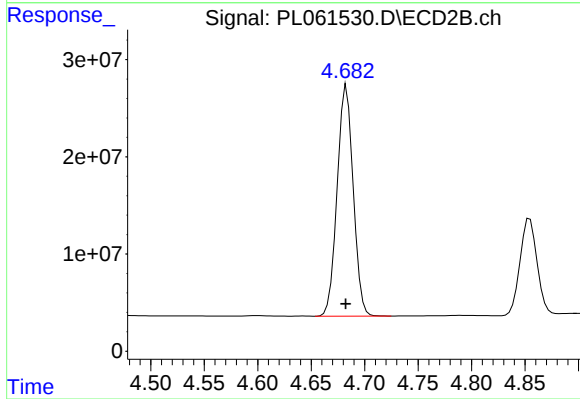
R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 274822043  
Conc: 59.51 ng/ml



#3 gamma-BHC (Lindane)

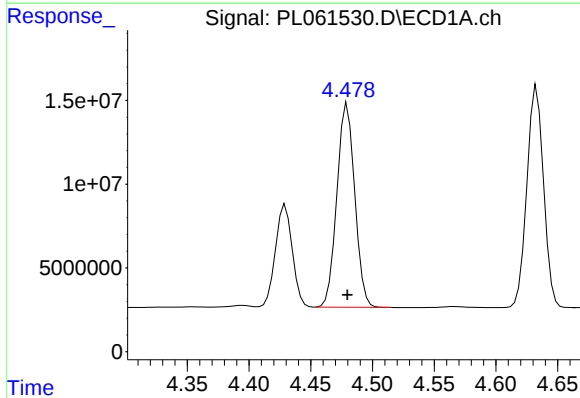
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 129767909  
Conc: 56.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



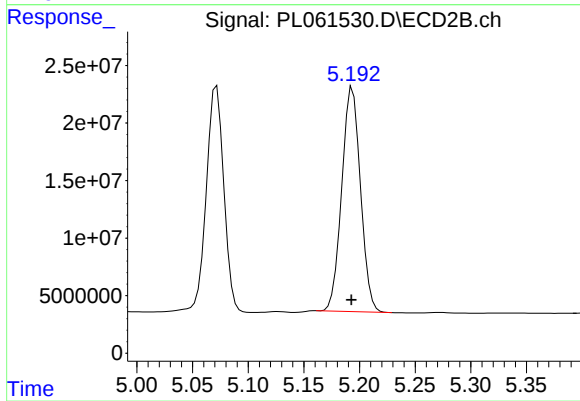
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: 0.000 min  
Response: 248141631  
Conc: 57.84 ng/ml



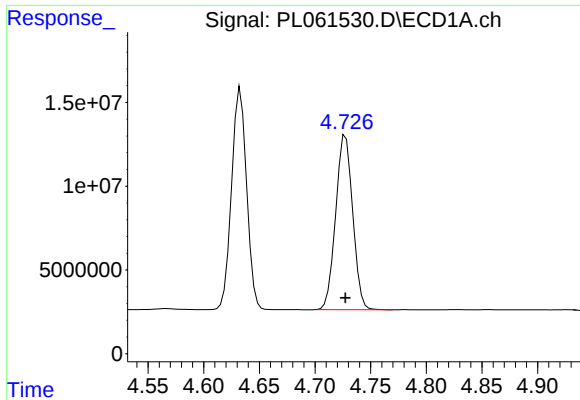
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 122275956  
Conc: 56.99 ng/ml



#4 Heptachlor

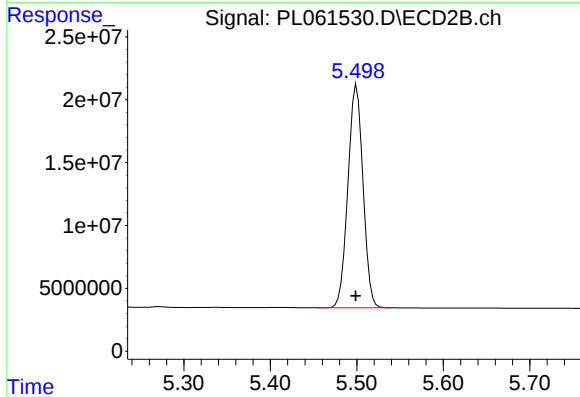
R.T.: 5.194 min  
Delta R.T.: 0.001 min  
Response: 227989413  
Conc: 58.32 ng/ml



#5 Aldrin

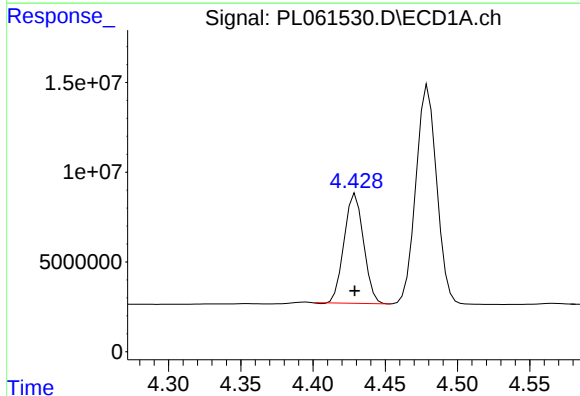
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 110741465  
Conc: 57.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



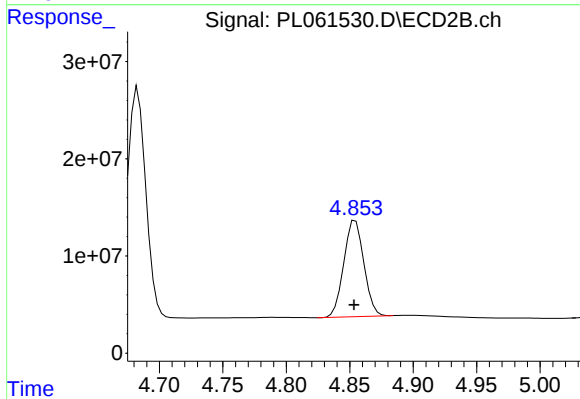
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 214276784  
Conc: 56.71 ng/ml



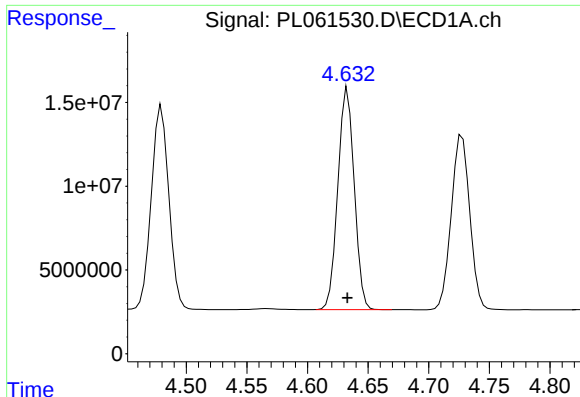
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 57115893  
Conc: 59.46 ng/ml



#6 beta-BHC

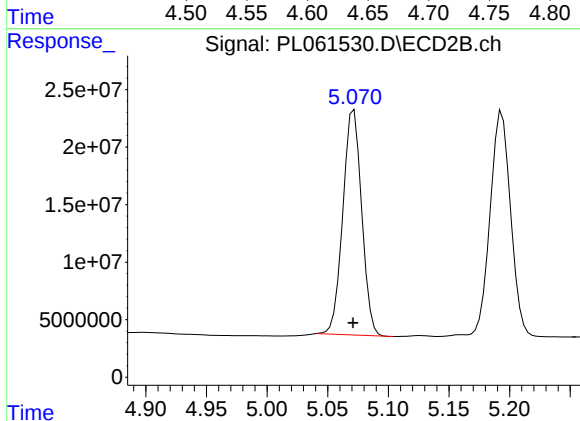
R.T.: 4.854 min  
Delta R.T.: 0.001 min  
Response: 109135777  
Conc: 62.49 ng/ml



#7 delta-BHC

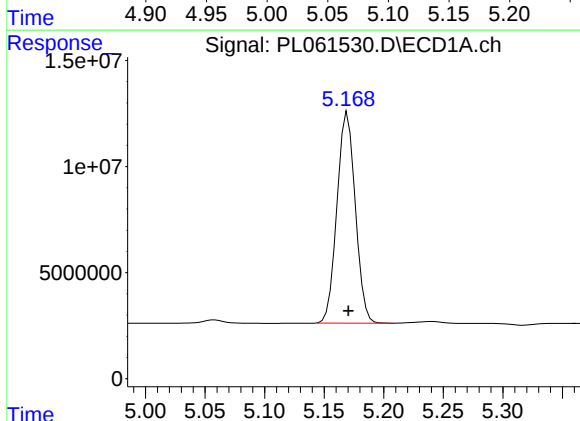
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 124242084  
Conc: 57.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



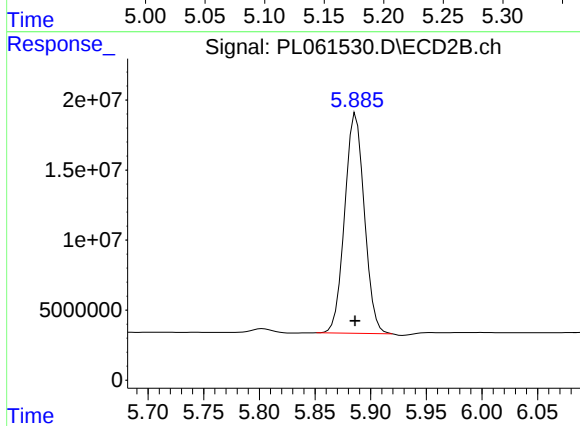
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 210726593  
Conc: 66.07 ng/ml



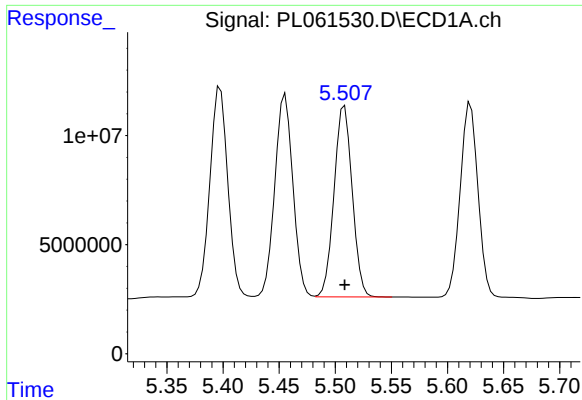
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 106254869  
Conc: 57.03 ng/ml



#8 Heptachlor epoxide

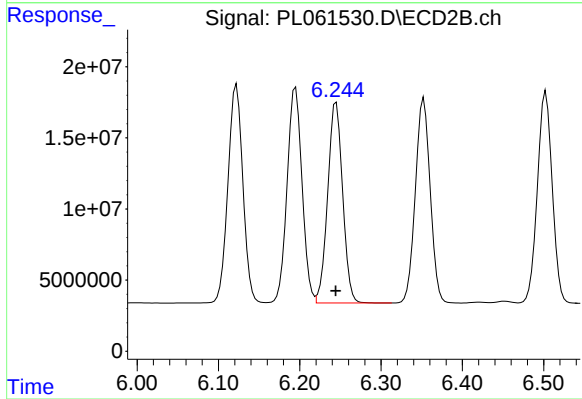
R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 192840991  
Conc: 64.58 ng/ml



#9 Endosulfan I

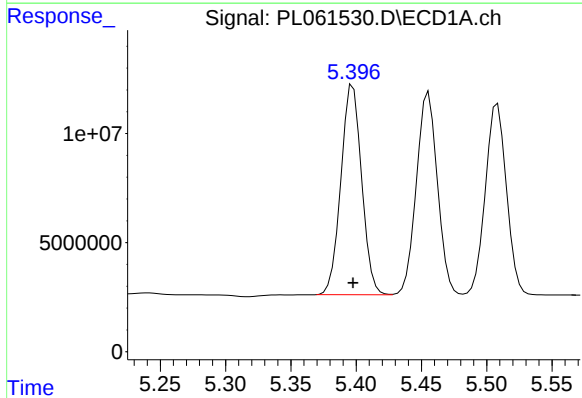
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 98650751  
Conc: 57.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



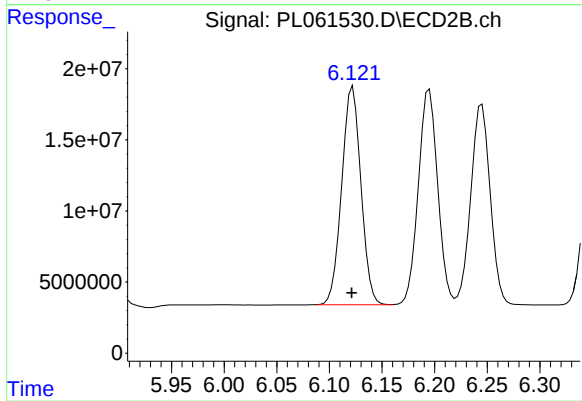
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 181012631  
Conc: 56.43 ng/ml



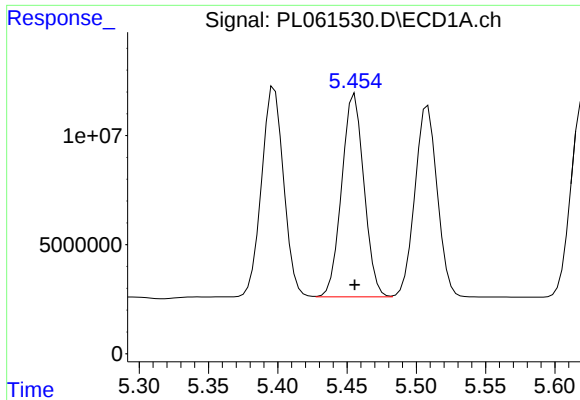
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 106476776  
Conc: 57.48 ng/ml



#10 gamma-Chlordane

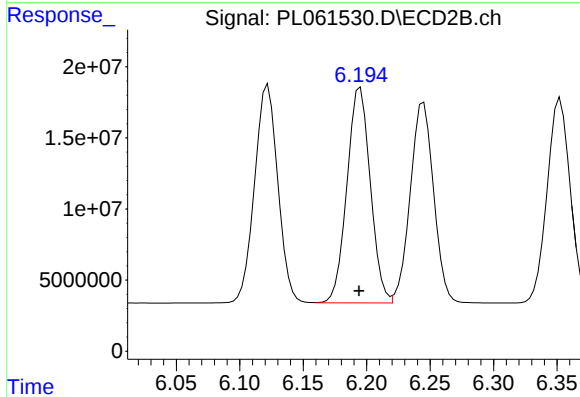
R.T.: 6.122 min  
Delta R.T.: 0.001 min  
Response: 195490957  
Conc: 56.71 ng/ml



#11 alpha-Chlordane

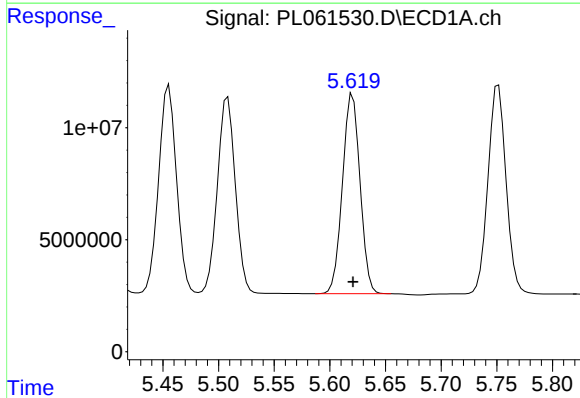
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 104228977  
Conc: 56.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



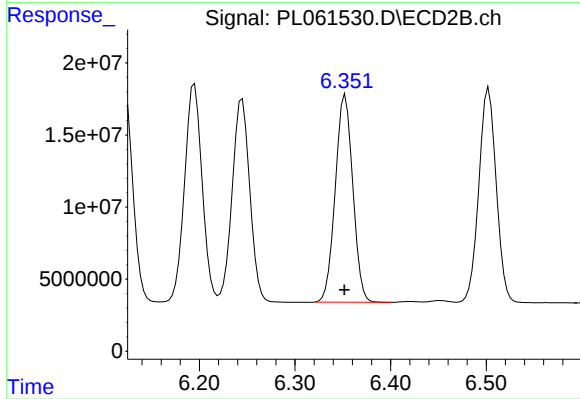
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: 0.001 min  
Response: 194035767  
Conc: 55.76 ng/ml



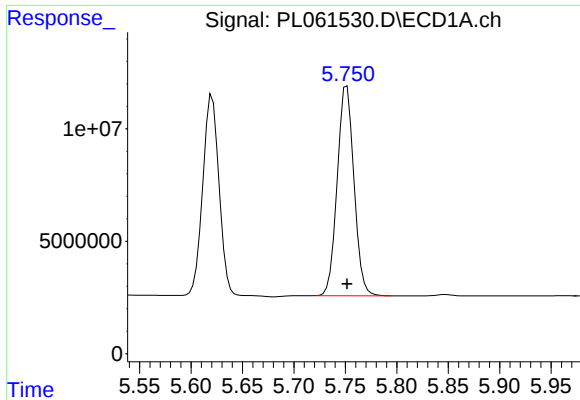
#12 4,4'-DDE

R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 98032362  
Conc: 57.65 ng/ml



#12 4,4'-DDE

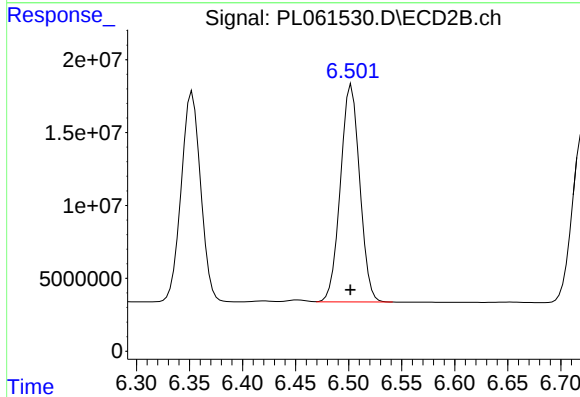
R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 183213630  
Conc: 57.16 ng/ml



#13 Dieldrin

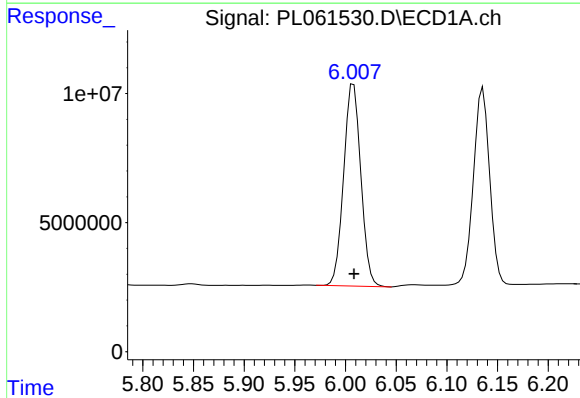
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 105686157  
Conc: 58.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



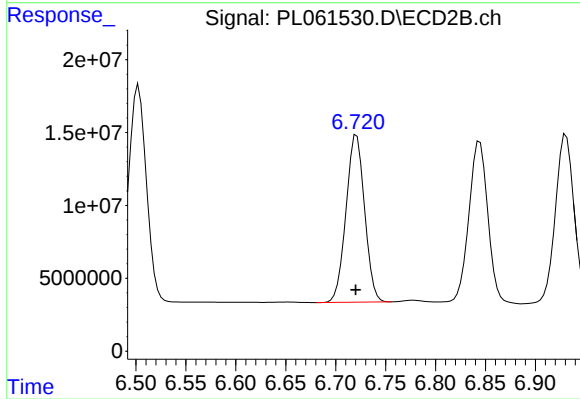
#13 Dieldrin

R.T.: 6.503 min  
Delta R.T.: 0.001 min  
Response: 188306711  
Conc: 57.43 ng/ml



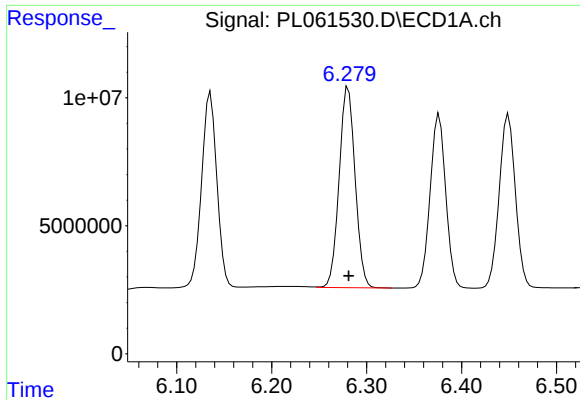
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 92119583  
Conc: 54.82 ng/ml



#14 Endrin

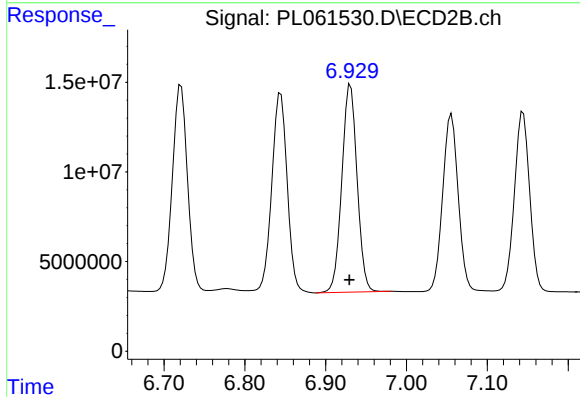
R.T.: 6.721 min  
Delta R.T.: 0.001 min  
Response: 148459079  
Conc: 53.09 ng/ml



#15 Endosulfan II

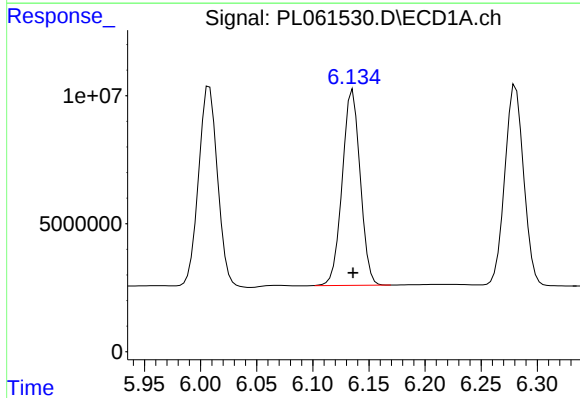
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 91792255  
Conc: 53.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



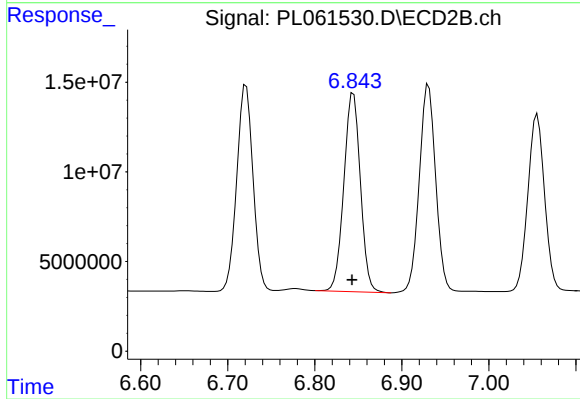
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: 0.001 min  
Response: 151860594  
Conc: 51.41 ng/ml



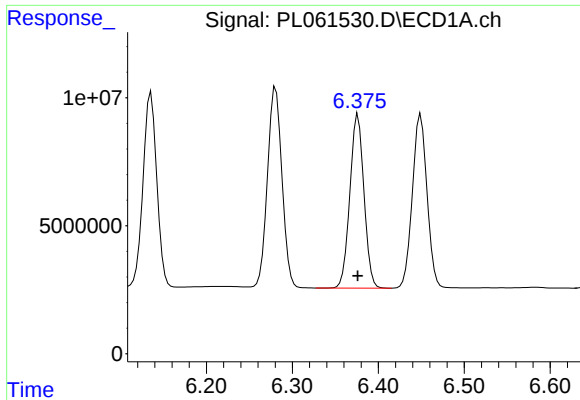
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 84990232  
Conc: 58.81 ng/ml



#16 4,4'-DDD

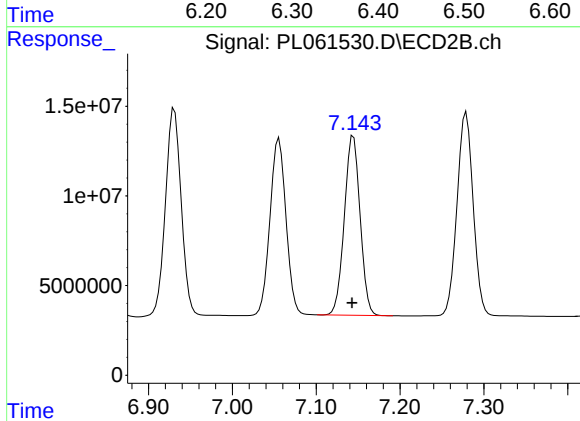
R.T.: 6.844 min  
Delta R.T.: 0.002 min  
Response: 146280286  
Conc: 56.96 ng/ml



#17 4,4'-DDT

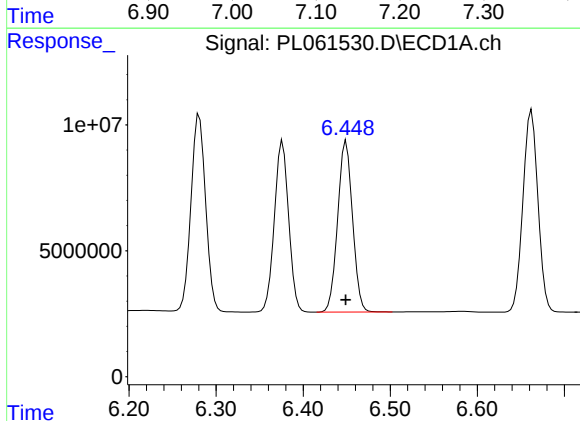
R.T.: 6.377 min  
Delta R.T.: 0.000 min  
Response: 77670043  
Conc: 56.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



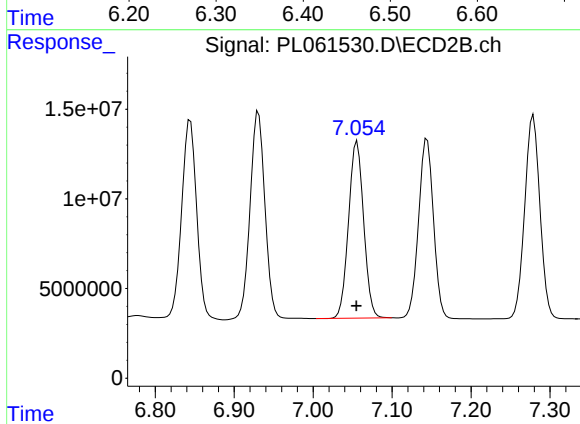
#17 4,4'-DDT

R.T.: 7.144 min  
Delta R.T.: 0.002 min  
Response: 131077424  
Conc: 52.37 ng/ml



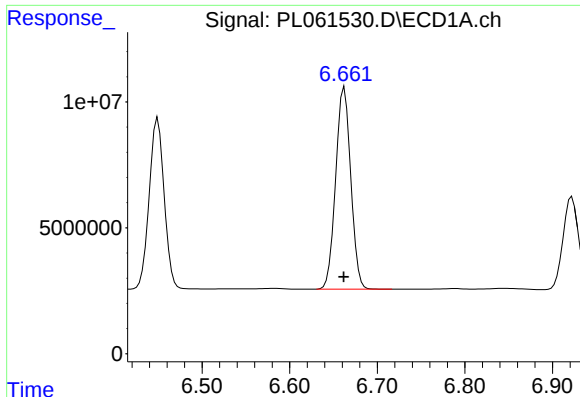
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 80724465  
Conc: 54.84 ng/ml



#18 Endrin aldehyde

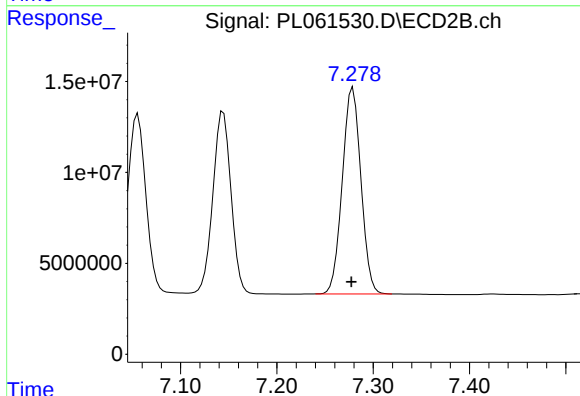
R.T.: 7.056 min  
Delta R.T.: 0.001 min  
Response: 131292987  
Conc: 53.67 ng/ml



#19 Endosulfan Sulfate

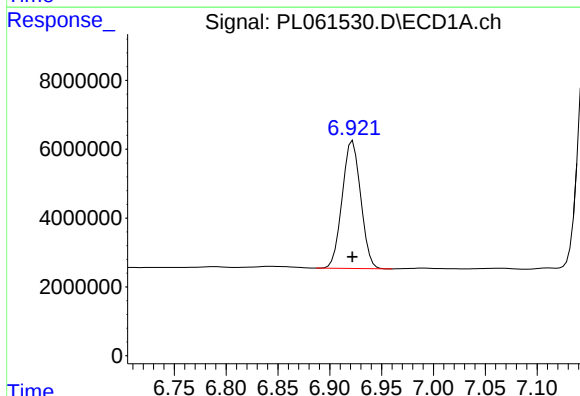
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 96147572  
Conc: 58.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



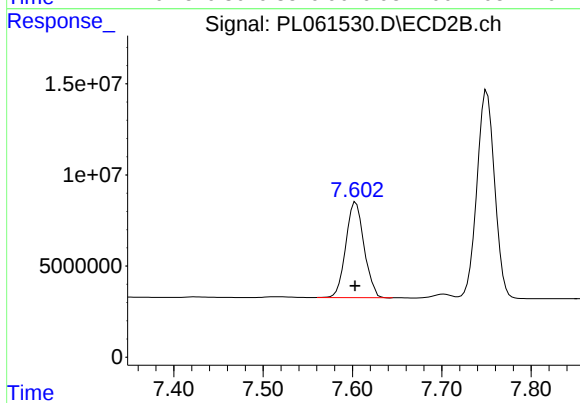
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: 0.001 min  
Response: 152060780  
Conc: 55.58 ng/ml



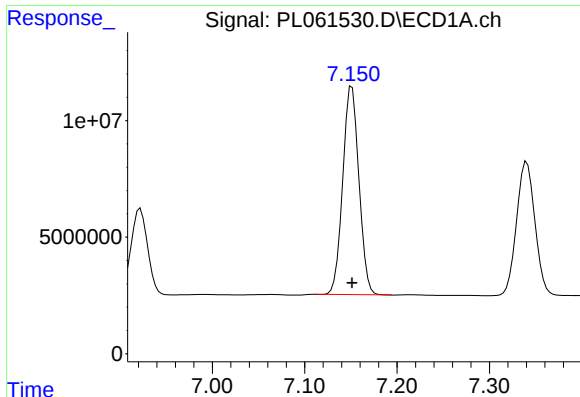
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 46062764  
Conc: 53.81 ng/ml



#20 Methoxychlor

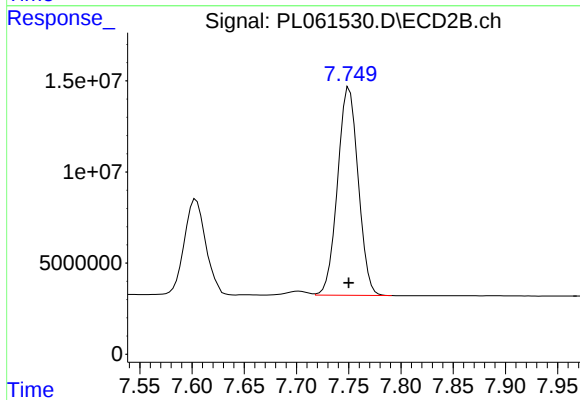
R.T.: 7.604 min  
Delta R.T.: 0.000 min  
Response: 74561962  
Conc: 51.84 ng/ml



#21 Endrin ketone

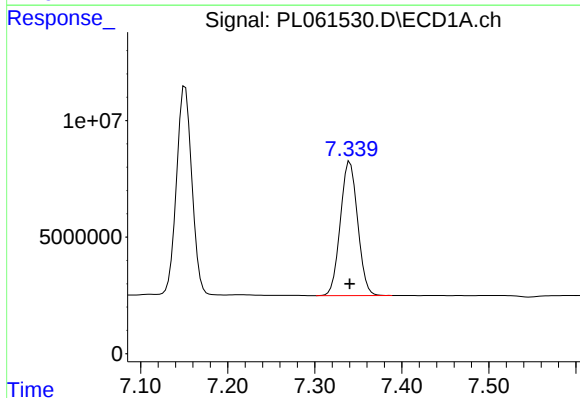
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 108815337  
Conc: 59.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



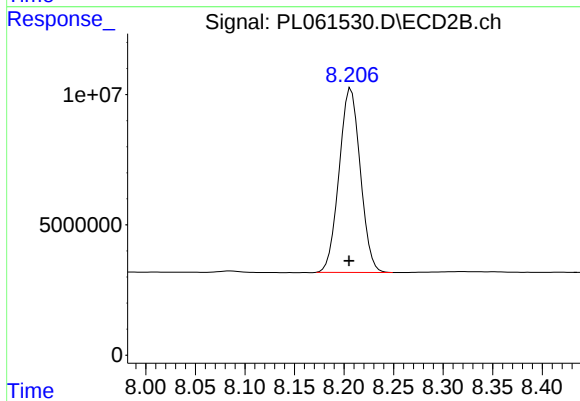
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: 0.000 min  
Response: 156781392  
Conc: 57.75 ng/ml



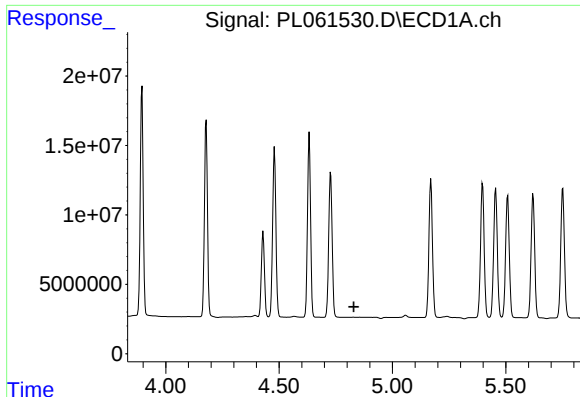
#22 Mirex

R.T.: 7.341 min  
Delta R.T.: 0.000 min  
Response: 79503169  
Conc: 53.17 ng/ml



#22 Mirex

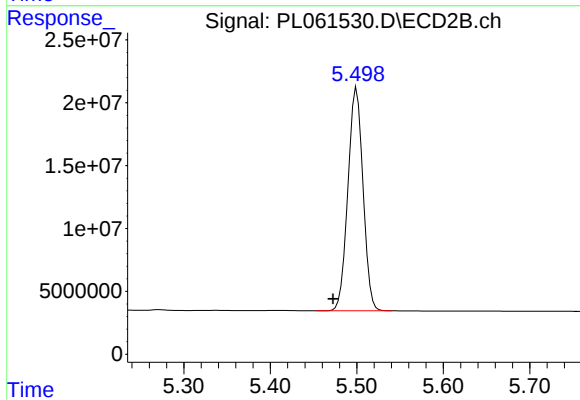
R.T.: 8.207 min  
Delta R.T.: 0.002 min  
Response: 105110319  
Conc: 54.59 ng/ml



#24 Chlordane-2

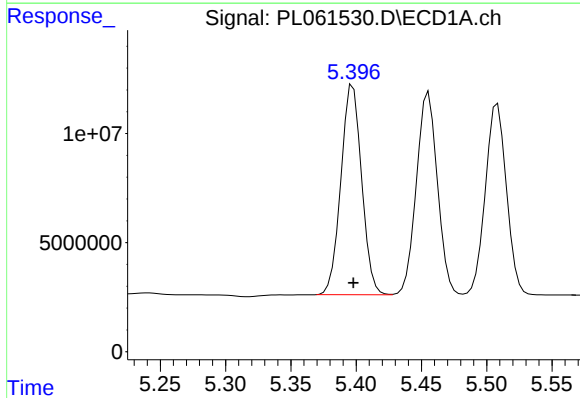
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



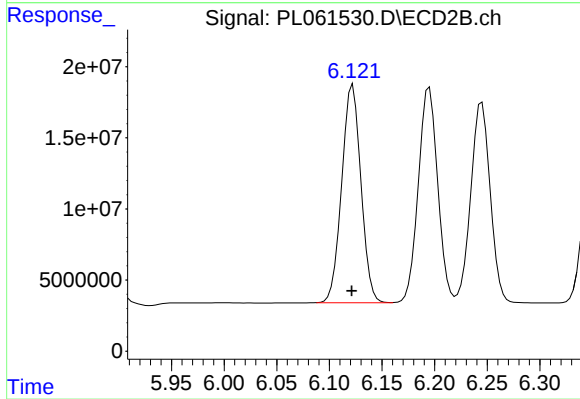
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.027 min  
Response: 214276784  
Conc: 1754.39 ng/ml



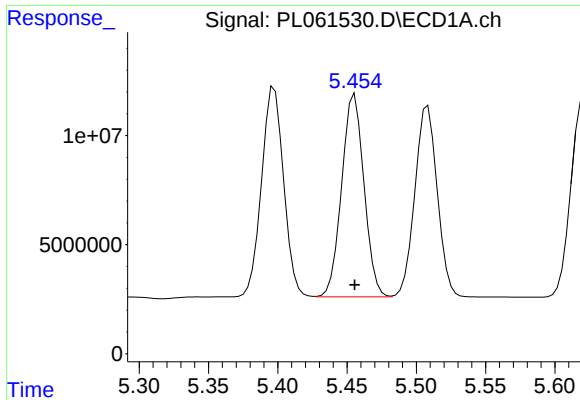
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 106476776  
Conc: 642.02 ng/ml



#25 Chlordane-3

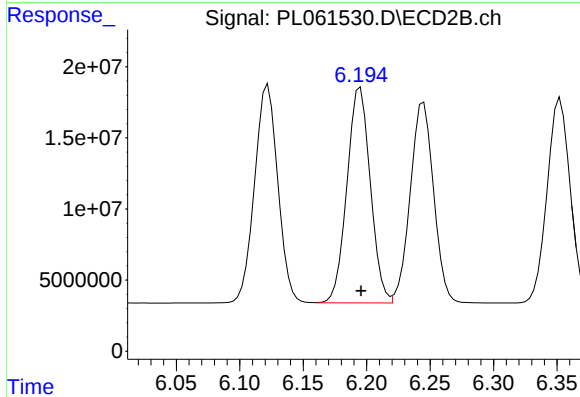
R.T.: 6.122 min  
Delta R.T.: 0.001 min  
Response: 195490957  
Conc: 452.55 ng/ml



#26 Chlordane-4

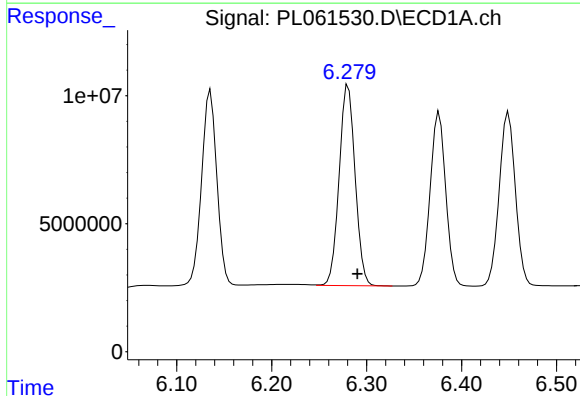
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 104228977  
Conc: 757.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



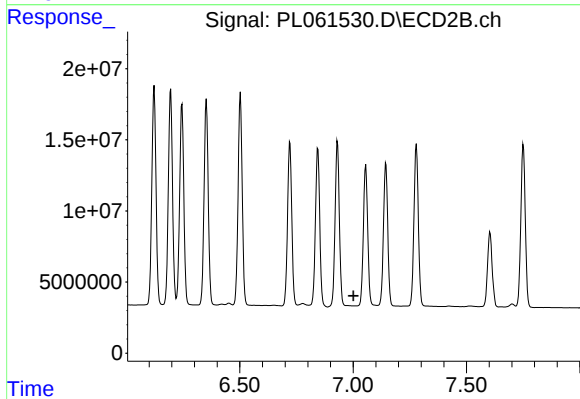
#26 Chlordane-4

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 194035767  
Conc: 370.67 ng/ml



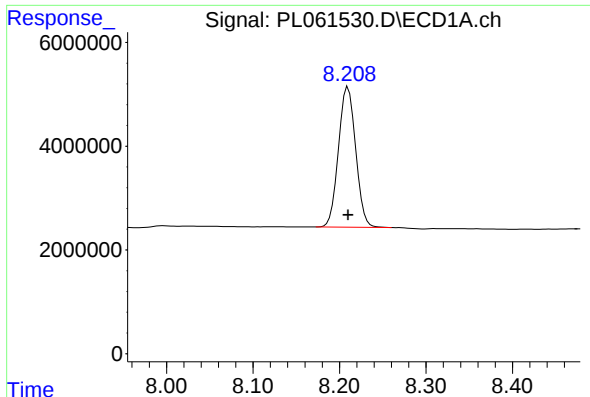
#27 Chlordane-5

R.T.: 6.281 min  
Delta R.T.: -0.009 min  
Response: 91792255  
Conc: 1633.12 ng/ml



#27 Chlordane-5

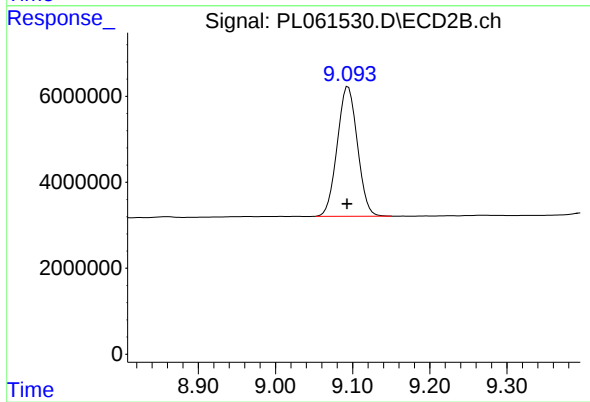
R.T.: 0.000 min  
Exp R.T.: 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 37195009  
Conc: 22.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB131665BS



#28 Decachlorobiphenyl

R.T.: 9.094 min  
Delta R.T.: 0.002 min  
Response: 54766696  
Conc: 23.16 ng/ml