

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080519\  
 Data File : PL051046.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2019 19:51  
 Operator : SM\AJ  
 Sample : PB121979BS  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121979BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 00:54:52 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 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... | 3.319 | 3.928  | 217.4E6  | 60152832 | 21.637   | 21.083     |
| 28)                         | SA Decachlor... | 7.979 | 8.957  | 226.6E6  | 60818724 | 22.381   | 21.507     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.746 | 4.317  | 1056.4E6 | 252.7E6  | 63.042   | 61.251     |
| 3)                          | MA gamma-BHC... | 4.021 | 4.600  | 994.0E6  | 240.0E6  | 64.619   | 61.962     |
| 4)                          | MA Heptachlor   | 4.305 | 5.101  | 1056.2E6 | 254.3E6  | 64.372   | 61.326     |
| 5)                          | MB Aldrin       | 4.543 | 5.403  | 1000.2E6 | 236.5E6  | 64.562   | 62.751     |
| 6)                          | B beta-BHC      | 4.275 | 4.776  | 417.0E6  | 111.1E6  | 63.607   | 64.276     |
| 7)                          | B delta-BHC     | 4.469 | 4.990  | 966.9E6  | 218.4E6  | 58.926   | 56.479     |
| 8)                          | B Heptachlo...  | 4.979 | 5.790  | 947.7E6  | 225.6E6  | 64.145   | 58.972     |
| 9)                          | A Endosulfan I  | 5.309 | 6.145  | 913.9E6  | 211.5E6  | 62.834   | 61.512     |
| 10)                         | B gamma-Chl...  | 5.201 | 6.024  | 999.1E6  | 229.3E6  | 63.304   | 62.040     |
| 11)                         | B alpha-Chl...  | 5.257 | 6.095  | 964.4E6  | 226.7E6  | 63.212   | 61.855     |
| 12)                         | B 4,4'-DDE      | 5.423 | 6.256  | 966.0E6  | 226.6E6  | 64.463   | 62.891     |
| 13)                         | MA Dieldrin     | 5.548 | 6.401  | 987.8E6  | 222.0E6  | 63.740   | 62.694     |
| 14)                         | MA Endrin       | 5.800 | 6.618  | 893.5E6  | 181.7E6  | 60.696   | 58.589     |
| 15)                         | B Endosulfa...  | 6.075 | 6.830  | 866.7E6  | 197.5E6  | 61.931   | 62.121     |
| 16)                         | A 4,4'-DDD      | 5.934 | 6.746  | 784.4E6  | 172.3E6  | 65.459   | 64.705     |
| 17)                         | MA 4,4'-DDT     | 6.168 | 7.043  | 768.3E6  | 169.6E6  | 62.033   | 62.832     |
| 18)                         | B Endrin al...  | 6.242 | 6.955  | 702.5E6  | 153.5E6  | 60.892   | 56.496     |
| 19)                         | B Endosulfa...  | 6.453 | 7.177  | 735.5E6  | 175.6E6  | 57.735   | 60.812     |
| 20)                         | A Methoxychlor  | 6.713 | 7.504  | 370.6E6  | 89452352 | 59.404   | 60.965     |
| 21)                         | B Endrin ke...  | 6.934 | 7.645  | 844.4E6  | 189.9E6  | 61.739   | 65.691     |
| 22)                         | Mirex           | 7.108 | 8.094  | 542.8E6  | 131.9E6  | 55.367   | 57.433     |
| 24)                         | Chlordane-2     | 0.000 | 5.403f | 0        | 236.5E6  | N.D.     | 2013.312 # |
| 25)                         | Chlordane-3     | 5.201 | 6.024  | 999.1E6  | 229.3E6  | 713.783  | 476.642 #  |
| 26)                         | Chlordane-4     | 5.257 | 6.095  | 964.4E6  | 226.7E6  | 731.146  | 390.261 #  |
| 27)                         | Chlordane-5     | 6.075 | 0.000  | 866.7E6  | 0        | 1706.357 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

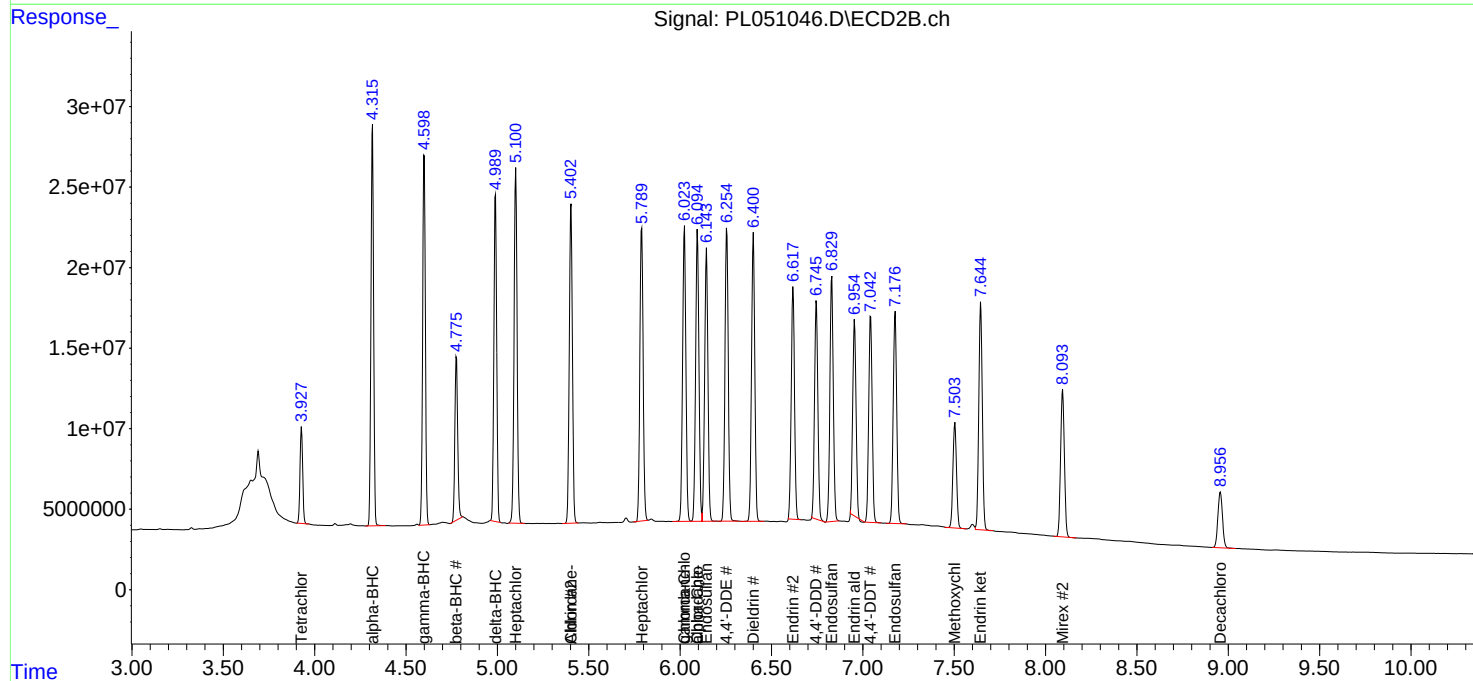
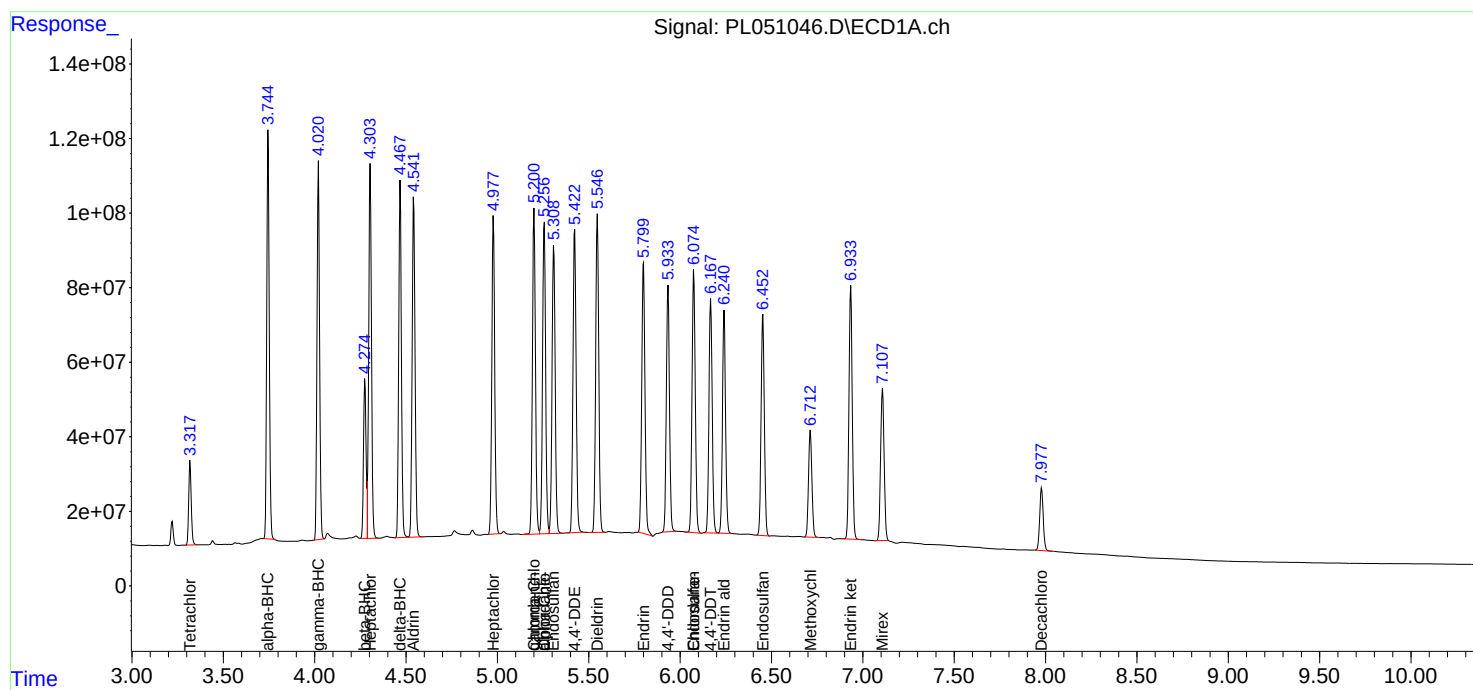
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

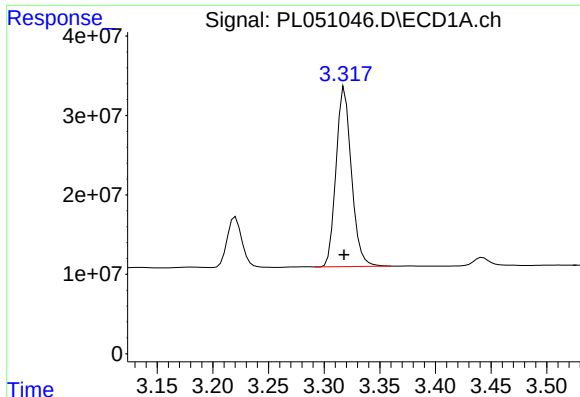
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080519\  
 Data File : PL051046.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2019 19:51  
 Operator : SM\AJ  
 Sample : PB121979BS  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121979BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 00:54:52 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 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

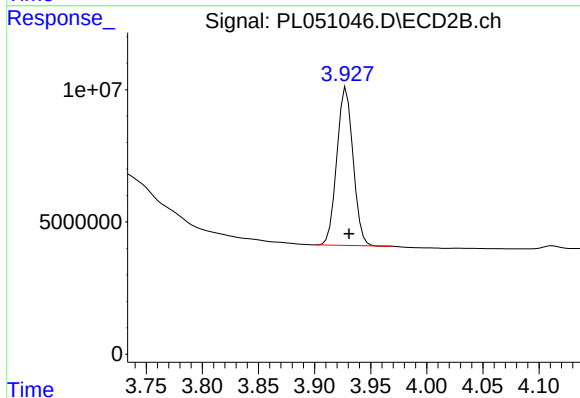




#1 Tetrachloro-m-xylene

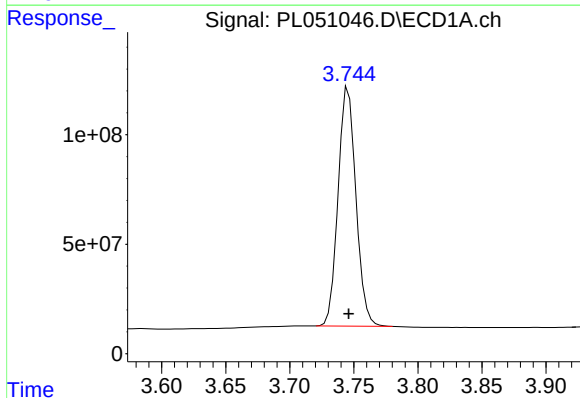
R.T.: 3.319 min  
Delta R.T.: 0.000 min  
Response: 217406249  
Conc: 21.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



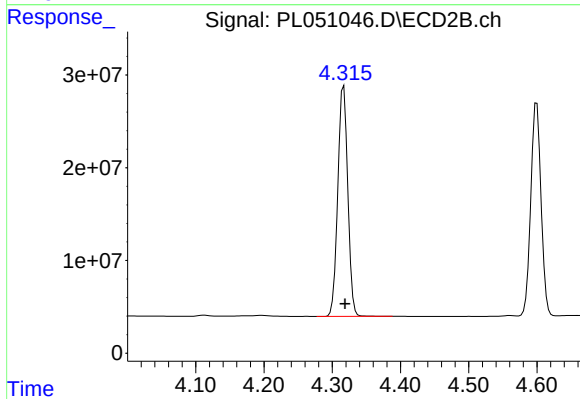
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 60152832  
Conc: 21.08 ng/ml



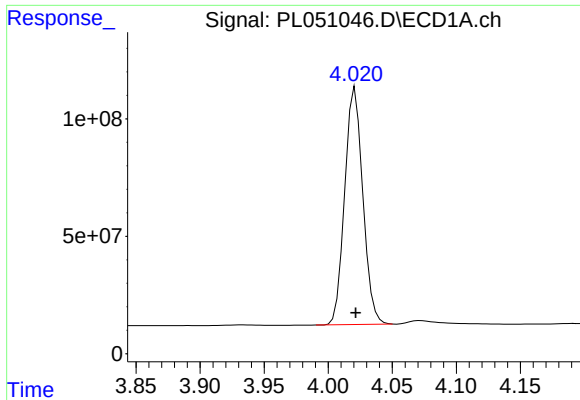
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 1056442908  
Conc: 63.04 ng/ml



#2 alpha-BHC

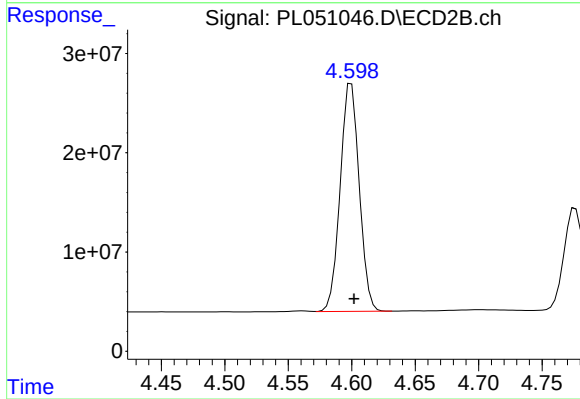
R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 252722818  
Conc: 61.25 ng/ml



#3 gamma-BHC (Lindane)

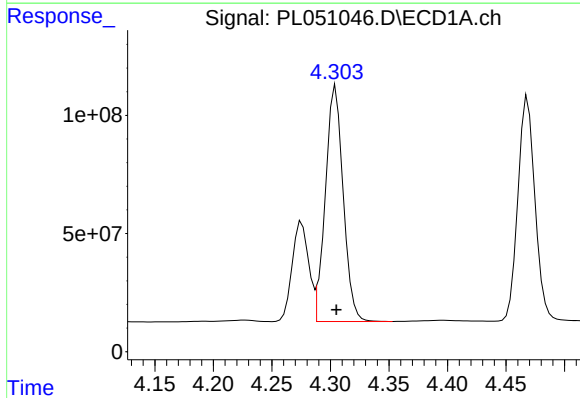
R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 993955376  
Conc: 64.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



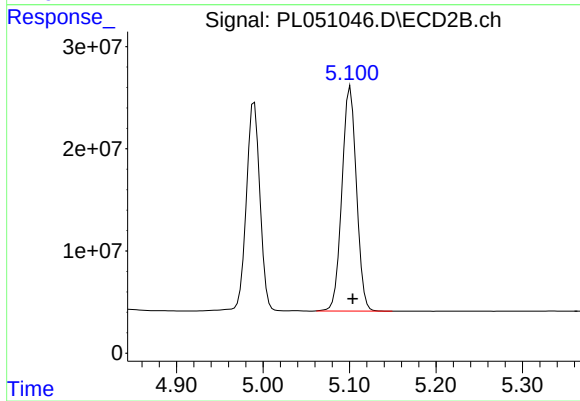
#3 gamma-BHC (Lindane)

R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 239989865  
Conc: 61.96 ng/ml



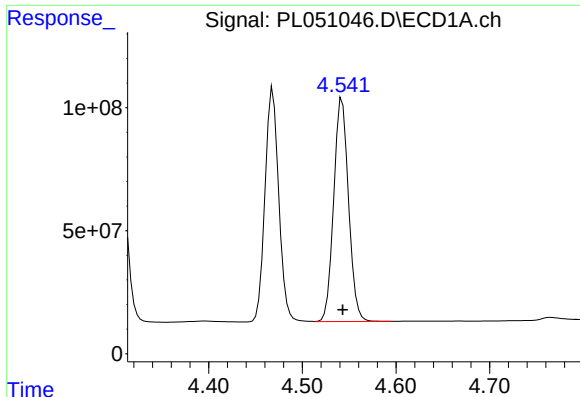
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: 0.000 min  
Response: 1056213702  
Conc: 64.37 ng/ml



#4 Heptachlor

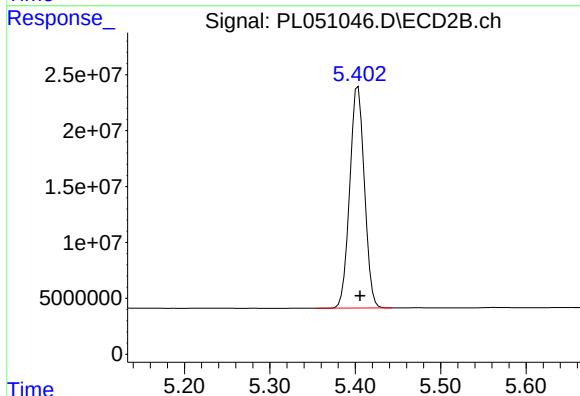
R.T.: 5.101 min  
Delta R.T.: -0.003 min  
Response: 254298578  
Conc: 61.33 ng/ml



#5 Aldrin

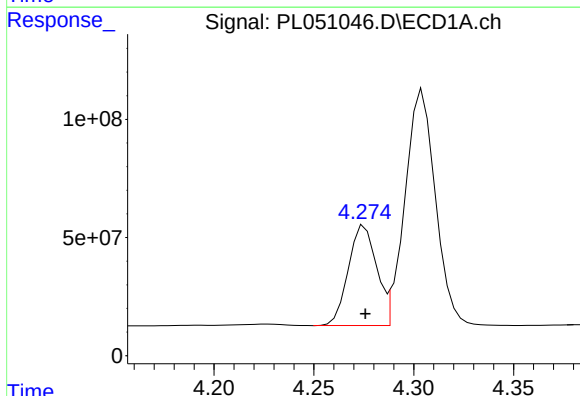
R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 1000156508  
Conc: 64.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



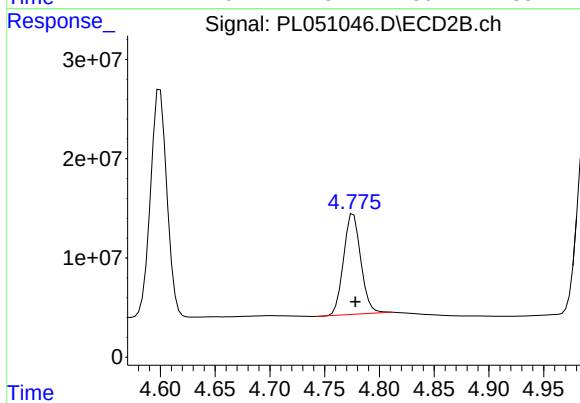
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.002 min  
Response: 236468460  
Conc: 62.75 ng/ml



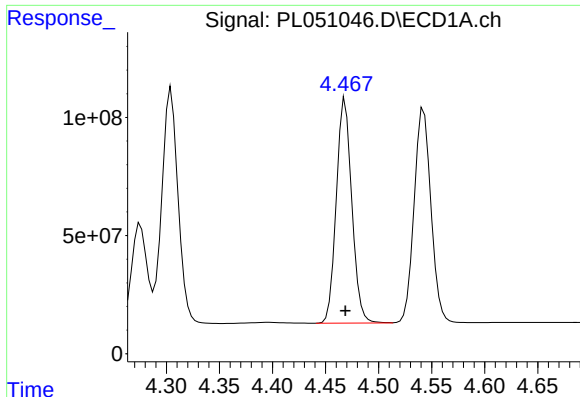
#6 beta-BHC

R.T.: 4.275 min  
Delta R.T.: 0.000 min  
Response: 416998903  
Conc: 63.61 ng/ml



#6 beta-BHC

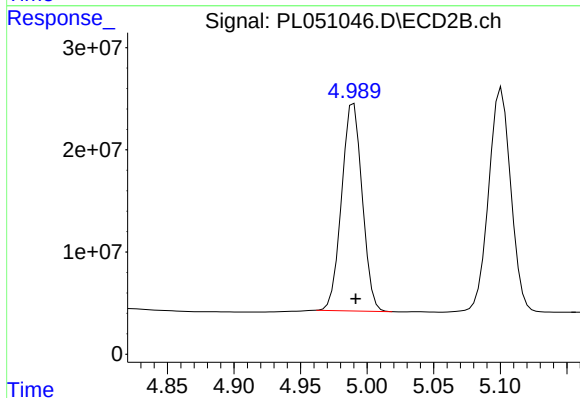
R.T.: 4.776 min  
Delta R.T.: -0.002 min  
Response: 111123683  
Conc: 64.28 ng/ml



#7 delta-BHC

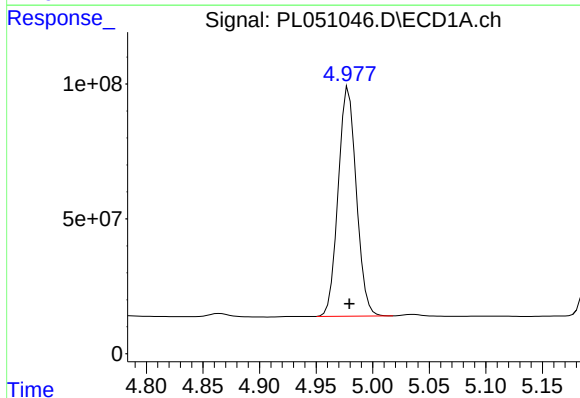
R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 966895939  
Conc: 58.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



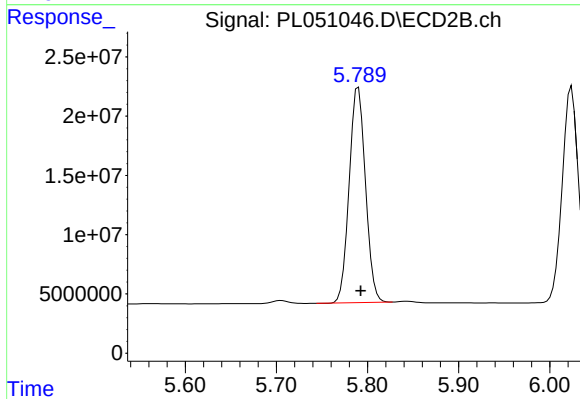
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 218440461  
Conc: 56.48 ng/ml



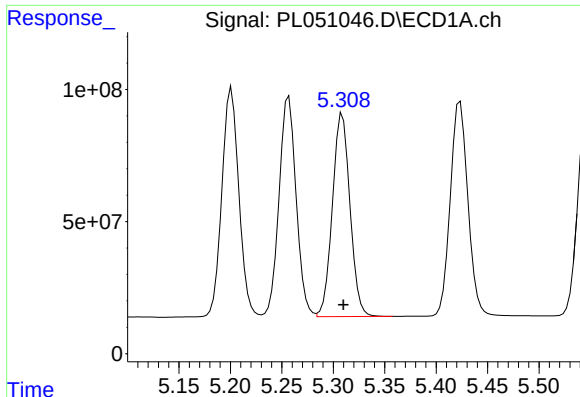
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 947654131  
Conc: 64.14 ng/ml



#8 Heptachlor epoxide

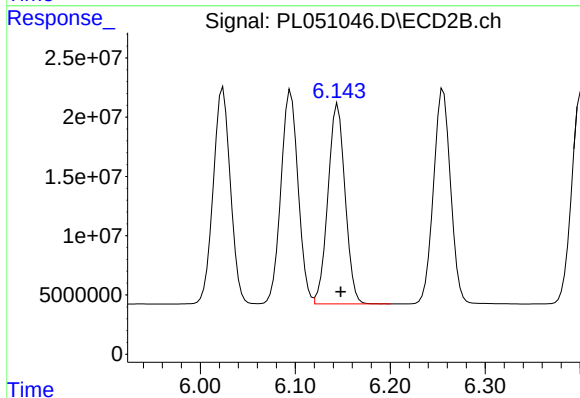
R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 225557042  
Conc: 58.97 ng/ml



#9 Endosulfan I

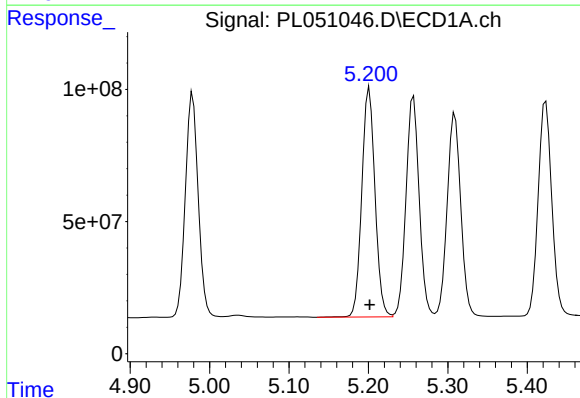
R.T.: 5.309 min  
Delta R.T.: 0.000 min  
Response: 913855534  
Conc: 62.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



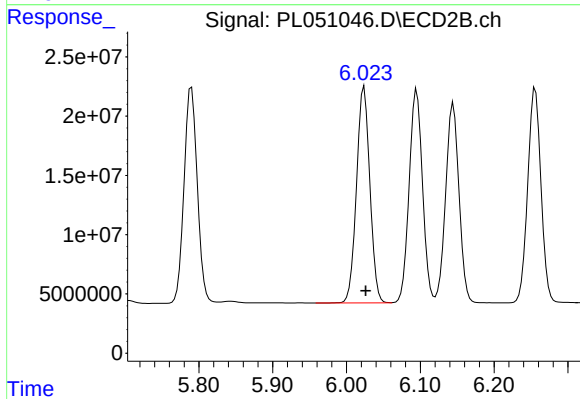
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: -0.003 min  
Response: 211533251  
Conc: 61.51 ng/ml



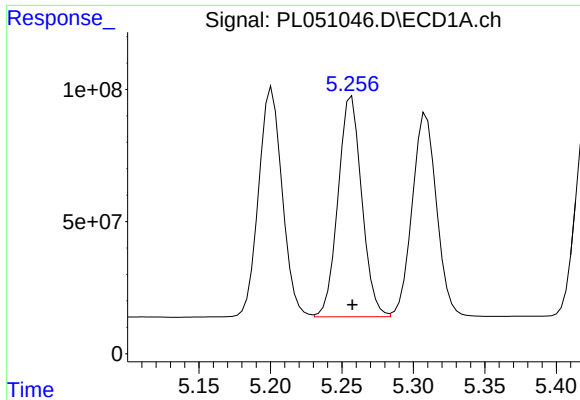
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 999144451  
Conc: 63.30 ng/ml



#10 gamma-Chlordane

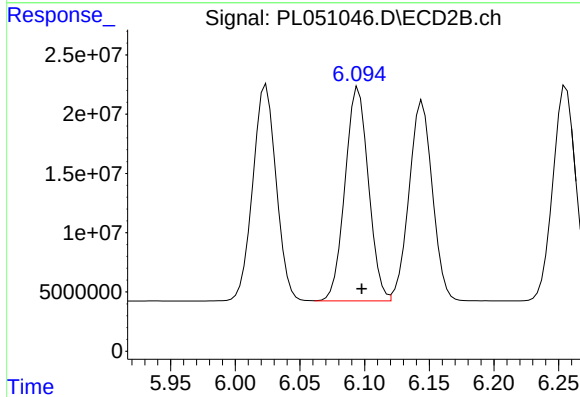
R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 229255458  
Conc: 62.04 ng/ml



#11 alpha-Chlordane

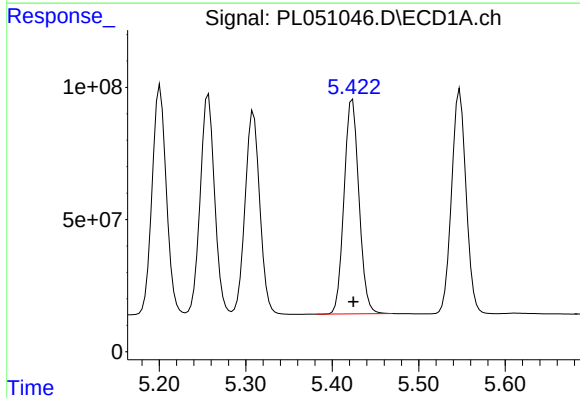
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 964366505  
Conc: 63.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



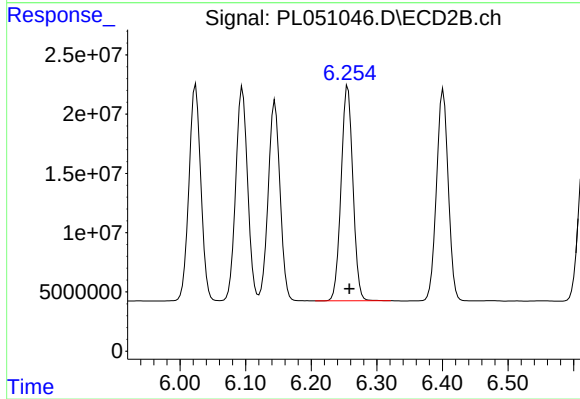
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 226709663  
Conc: 61.86 ng/ml



#12 4,4'-DDE

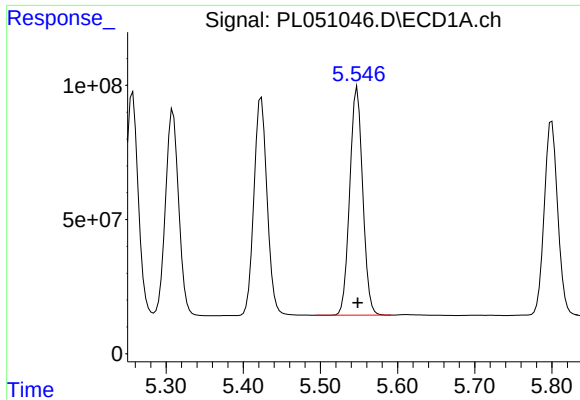
R.T.: 5.423 min  
Delta R.T.: -0.001 min  
Response: 966029071  
Conc: 64.46 ng/ml



#12 4,4'-DDE

R.T.: 6.256 min  
Delta R.T.: -0.002 min  
Response: 226620737  
Conc: 62.89 ng/ml

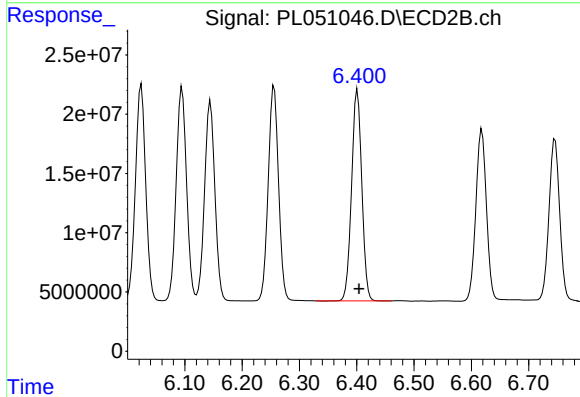




#13 Dieldrin

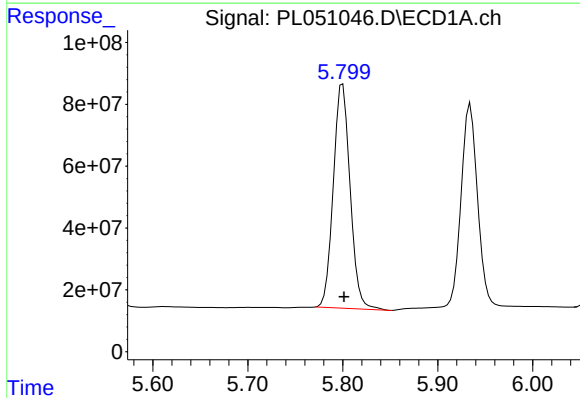
R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 987770586  
Conc: 63.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



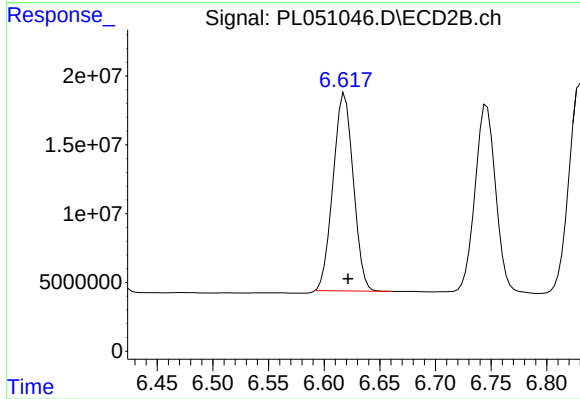
#13 Dieldrin

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 222008735  
Conc: 62.69 ng/ml



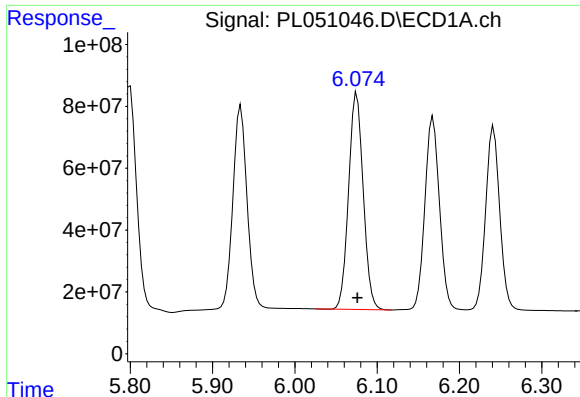
#14 Endrin

R.T.: 5.800 min  
Delta R.T.: -0.001 min  
Response: 893476389  
Conc: 60.70 ng/ml



#14 Endrin

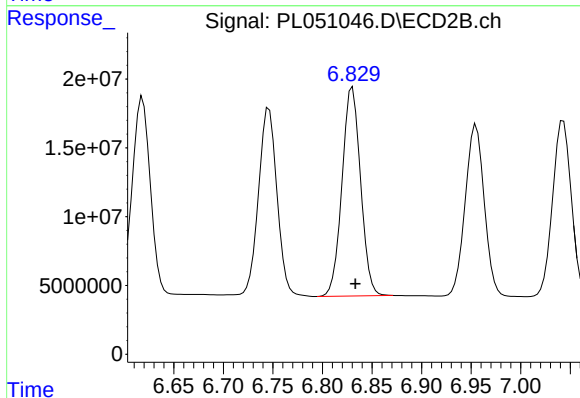
R.T.: 6.618 min  
Delta R.T.: -0.003 min  
Response: 181708898  
Conc: 58.59 ng/ml



#15 Endosulfan II

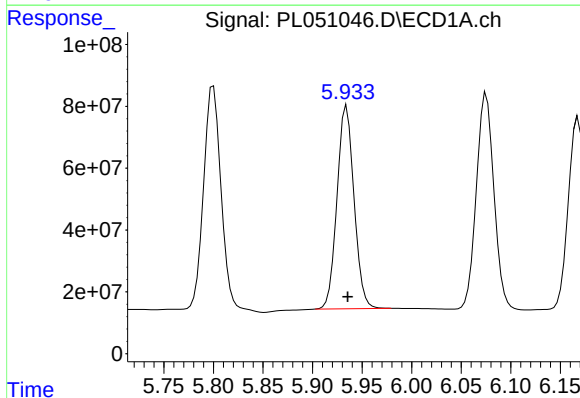
R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 866721637  
Conc: 61.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



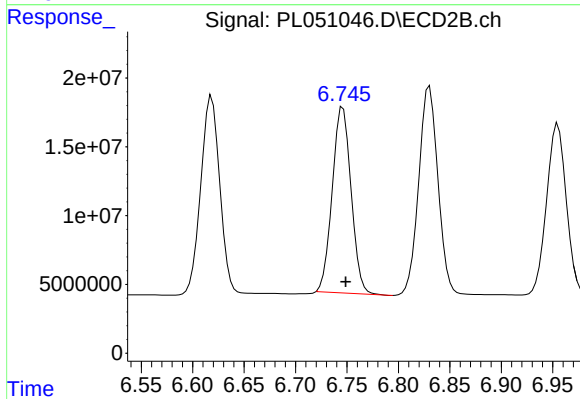
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 197493764  
Conc: 62.12 ng/ml



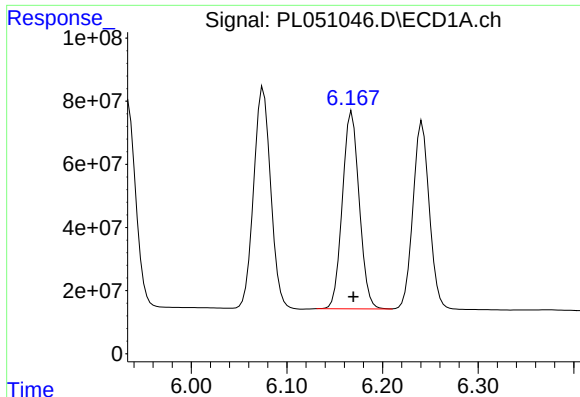
#16 4,4'-DDD

R.T.: 5.934 min  
Delta R.T.: 0.000 min  
Response: 784448938  
Conc: 65.46 ng/ml



#16 4,4'-DDD

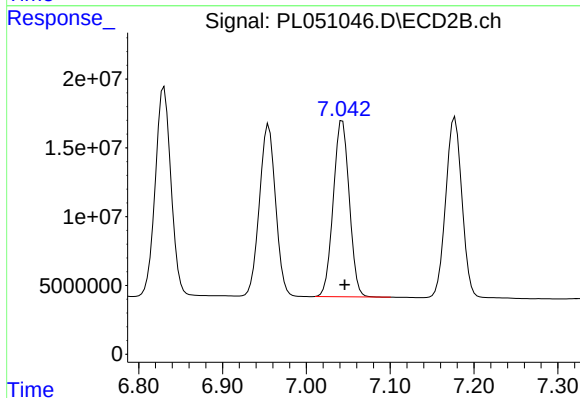
R.T.: 6.746 min  
Delta R.T.: -0.003 min  
Response: 172303339  
Conc: 64.71 ng/ml



#17 4,4'-DDT

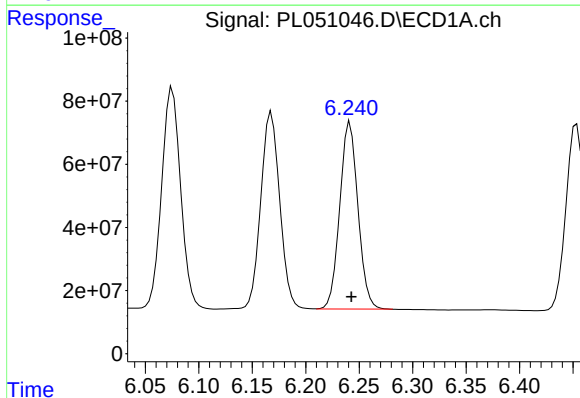
R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 768320428  
Conc: 62.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



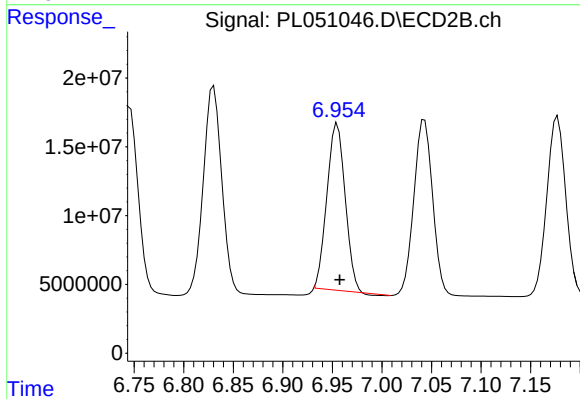
#17 4,4'-DDT

R.T.: 7.043 min  
Delta R.T.: -0.003 min  
Response: 169619717  
Conc: 62.83 ng/ml



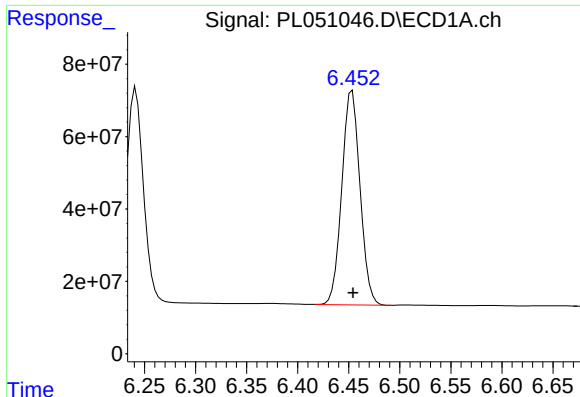
#18 Endrin aldehyde

R.T.: 6.242 min  
Delta R.T.: -0.001 min  
Response: 702473407  
Conc: 60.89 ng/ml



#18 Endrin aldehyde

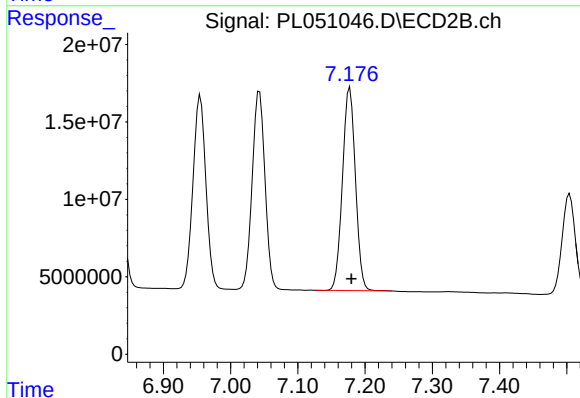
R.T.: 6.955 min  
Delta R.T.: -0.002 min  
Response: 153533638  
Conc: 56.50 ng/ml



#19 Endosulfan Sulfate

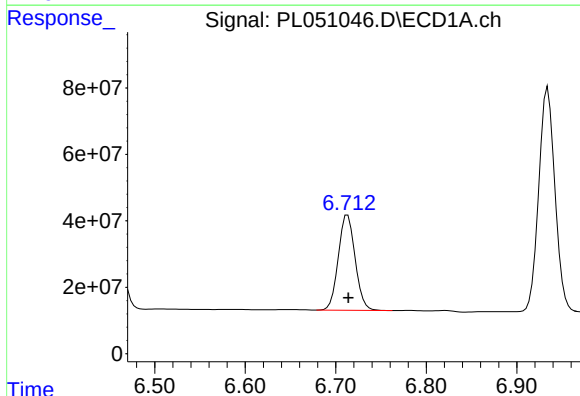
R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 735515968  
Conc: 57.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



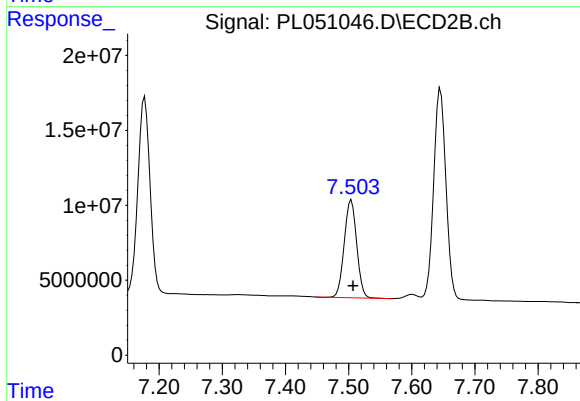
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 175638888  
Conc: 60.81 ng/ml



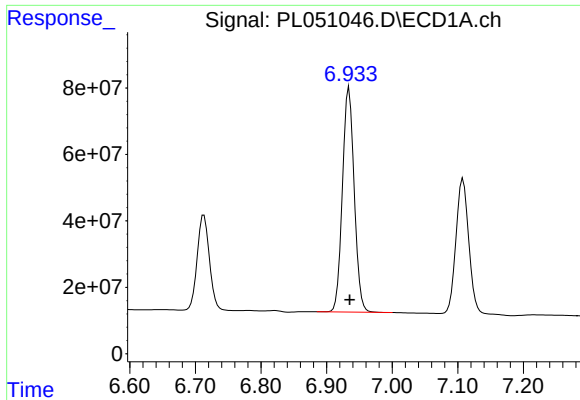
#20 Methoxychlor

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 370620715  
Conc: 59.40 ng/ml



#20 Methoxychlor

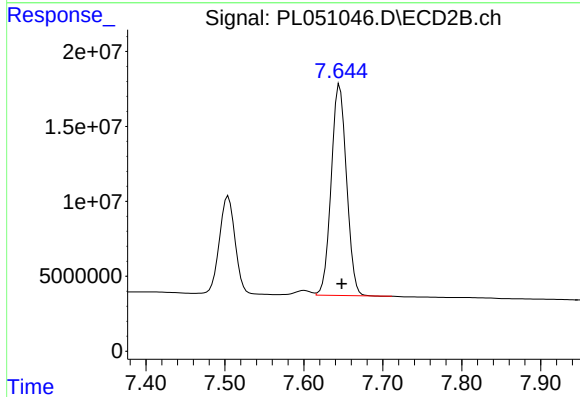
R.T.: 7.504 min  
Delta R.T.: -0.002 min  
Response: 89452352  
Conc: 60.97 ng/ml



#21 Endrin ketone

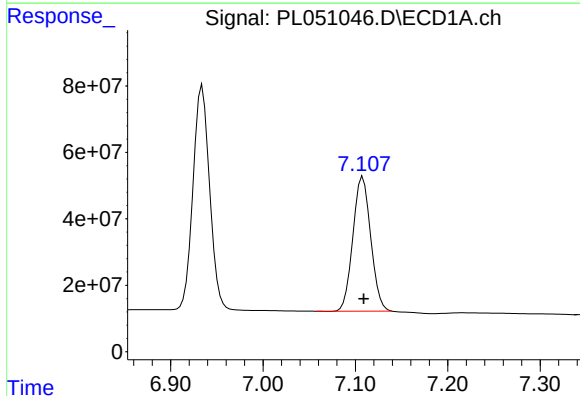
R.T.: 6.934 min  
Delta R.T.: -0.001 min  
Response: 844429120  
Conc: 61.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



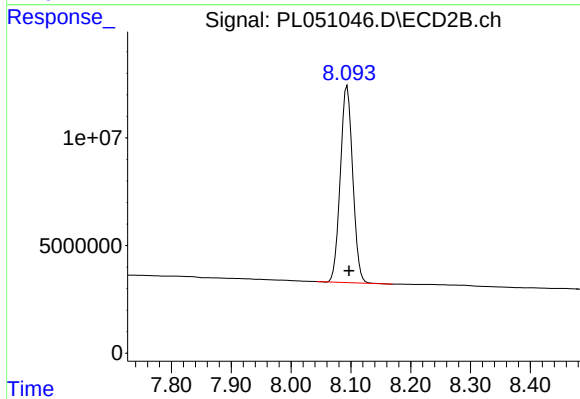
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: -0.003 min  
Response: 189932246  
Conc: 65.69 ng/ml



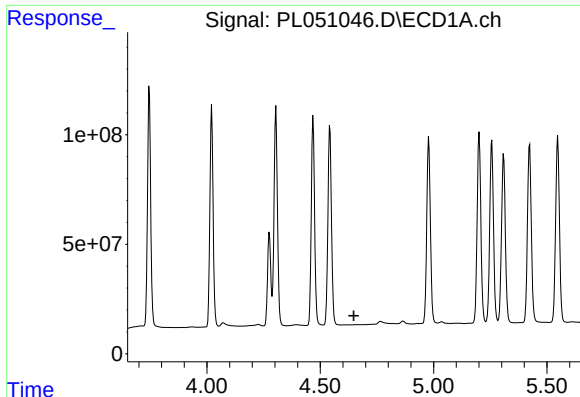
#22 Mirex

R.T.: 7.108 min  
Delta R.T.: 0.000 min  
Response: 542838114  
Conc: 55.37 ng/ml



#22 Mirex

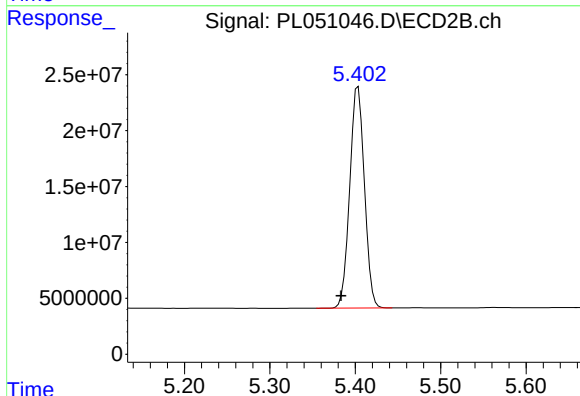
R.T.: 8.094 min  
Delta R.T.: -0.003 min  
Response: 131924005  
Conc: 57.43 ng/ml



#24 Chlordane-2

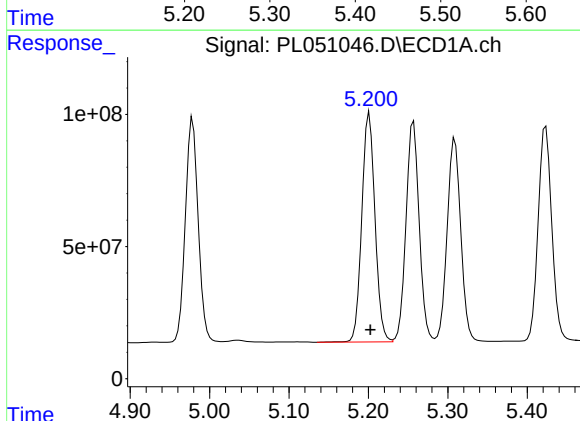
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



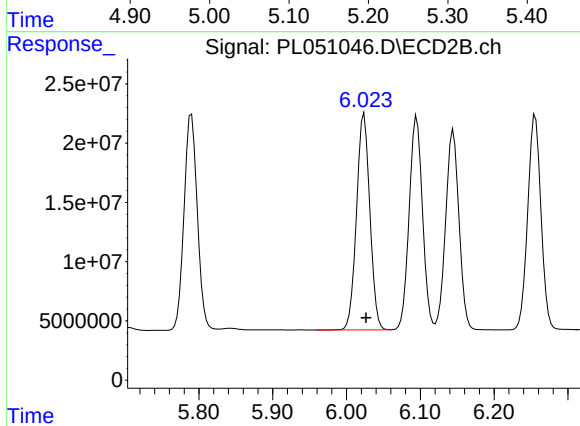
#24 Chlordane-2

R.T.: 5.403 min  
Delta R.T.: 0.020 min  
Response: 236468460  
Conc: 2013.31 ng/ml



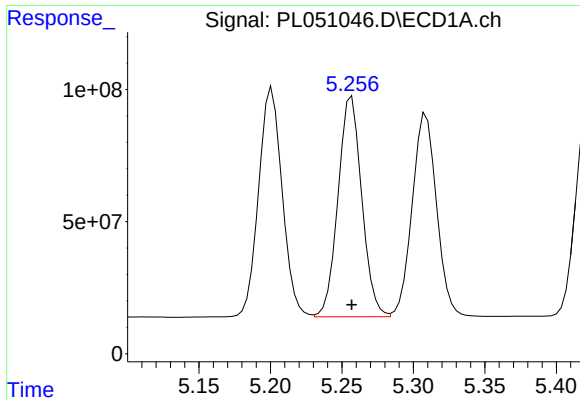
#25 Chlordane-3

R.T.: 5.201 min  
Delta R.T.: -0.001 min  
Response: 999144451  
Conc: 713.78 ng/ml



#25 Chlordane-3

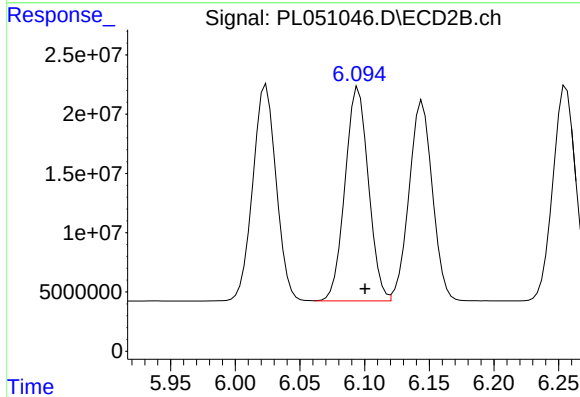
R.T.: 6.024 min  
Delta R.T.: -0.003 min  
Response: 229255458  
Conc: 476.64 ng/ml



#26 Chlordane-4

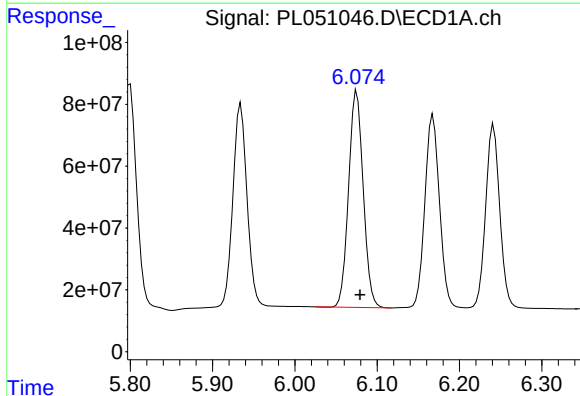
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 964366505  
Conc: 731.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



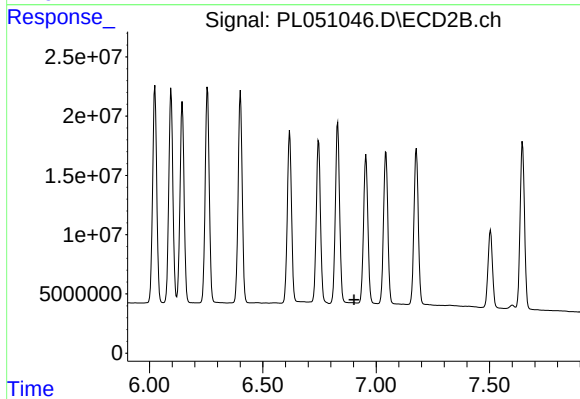
#26 Chlordane-4

R.T.: 6.095 min  
Delta R.T.: -0.005 min  
Response: 226709663  
Conc: 390.26 ng/ml



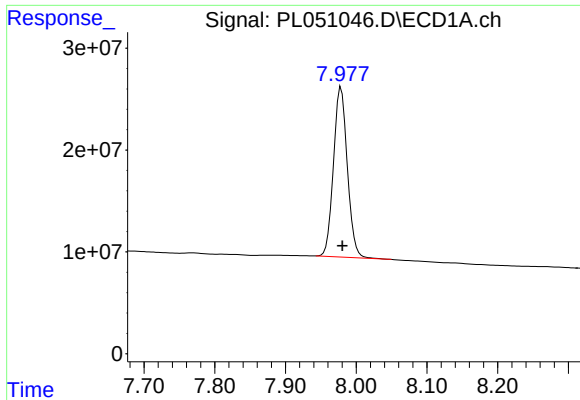
#27 Chlordane-5

R.T.: 6.075 min  
Delta R.T.: -0.004 min  
Response: 866721637  
Conc: 1706.36 ng/ml



#27 Chlordane-5

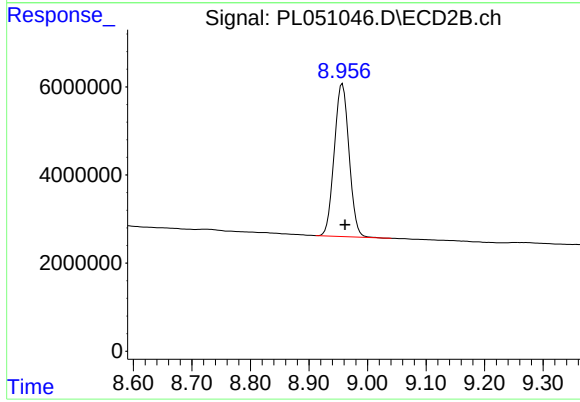
R.T.: 0.000 min  
Exp R.T.: 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.979 min  
Delta R.T.: -0.002 min  
Response: 226619519  
Conc: 22.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121979BS



#28 Decachlorobiphenyl

R.T.: 8.957 min  
Delta R.T.: -0.004 min  
Response: 60818724  
Conc: 21.51 ng/ml