

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051320\  
 Data File : PL058671.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 May 2020 09:15  
 Operator : AJ\MA  
 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: May 14 01:52:03 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Wed May 13 09:14:54 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... | 3.532  | 4.077  | 86759523 | 118.0E6  | 52.811   | 54.491     |
| 28)                         | SA Decachlor... | 8.320  | 9.189  | 71652688 | 97484323 | 54.874   | 55.161     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.975  | 4.470  | 126.1E6  | 173.6E6  | 54.775   | 56.687     |
| 3)                          | MA gamma-BHC... | 4.261  | 4.757  | 112.0E6  | 164.3E6  | 54.568   | 56.031     |
| 4)                          | MA Heptachlor   | 4.569  | 5.271  | 102.4E6  | 155.0E6  | 54.210   | 55.318     |
| 5)                          | MB Aldrin       | 4.820  | 5.579  | 91445129 | 140.6E6  | 54.927   | 56.482     |
| 6)                          | B beta-BHC      | 4.510  | 4.924  | 46855803 | 73283313 | 52.854   | 55.251     |
| 7)                          | B delta-BHC     | 4.718  | 5.145  | 102.5E6  | 159.1E6  | 55.112   | 56.083     |
| 8)                          | B Heptachlo...  | 5.266  | 5.967  | 86166461 | 141.3E6  | 54.838   | 58.822     |
| 9)                          | A Endosulfan I  | 5.607  | 6.326  | 82814732 | 121.5E6  | 57.166   | 56.450     |
| 10)                         | B gamma-Chl...  | 5.495  | 6.202  | 87331152 | 136.4E6  | 56.209   | 58.081     |
| 11)                         | B alpha-Chl...  | 5.554  | 6.275  | 86912866 | 133.4E6  | 55.824   | 56.890     |
| 12)                         | B 4,4'-DDE      | 5.718  | 6.429  | 81633226 | 118.7E6  | 58.572   | 56.862     |
| 13)                         | MA Dieldrin     | 5.852  | 6.584  | 88635105 | 124.2E6  | 59.517   | 56.592     |
| 14)                         | MA Endrin       | 6.110  | 6.803  | 71901617 | 98365565 | 55.343   | 54.240     |
| 15)                         | B Endosulfa...  | 6.382  | 7.011  | 75926041 | 109.7E6  | 55.055   | 54.948     |
| 16)                         | A 4,4'-DDD      | 6.235  | 6.921  | 66276768 | 100.2E6  | 56.197   | 57.238     |
| 17)                         | MA 4,4'-DDT     | 6.478  | 7.220  | 67227974 | 95080637 | 55.093   | 56.174     |
| 18)                         | B Endrin al...  | 6.551  | 7.135  | 63866157 | 94945490 | 54.408   | 55.623     |
| 19)                         | B Endosulfa...  | 6.765  | 7.358  | 73700484 | 104.8E6  | 55.599   | 55.989     |
| 20)                         | A Methoxychlor  | 7.025  | 7.677  | 36133418 | 54643155 | 55.662   | 55.635     |
| 21)                         | B Endrin ke...  | 7.256  | 7.832  | 84543113 | 113.9E6  | 57.008   | 56.552     |
| 22)                         | Mirex           | 7.453  | 8.290  | 68442977 | 86567627 | 55.979   | 55.093     |
| 23)                         | Chlordane-1     | 4.439f | 0.000  | 864944   | 0        | 17.248   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.579f | 0        | 140.6E6  | N.D.     | 1645.785 # |
| 25)                         | Chlordane-3     | 5.495  | 6.202  | 87331152 | 136.4E6  | 624.220  | 450.464 #  |
| 26)                         | Chlordane-4     | 5.554  | 6.275  | 86912866 | 133.4E6  | 757.258  | 365.906 #  |
| 27)                         | Chlordane-5     | 6.382  | 0.000  | 75926041 | 0        | 1555.612 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

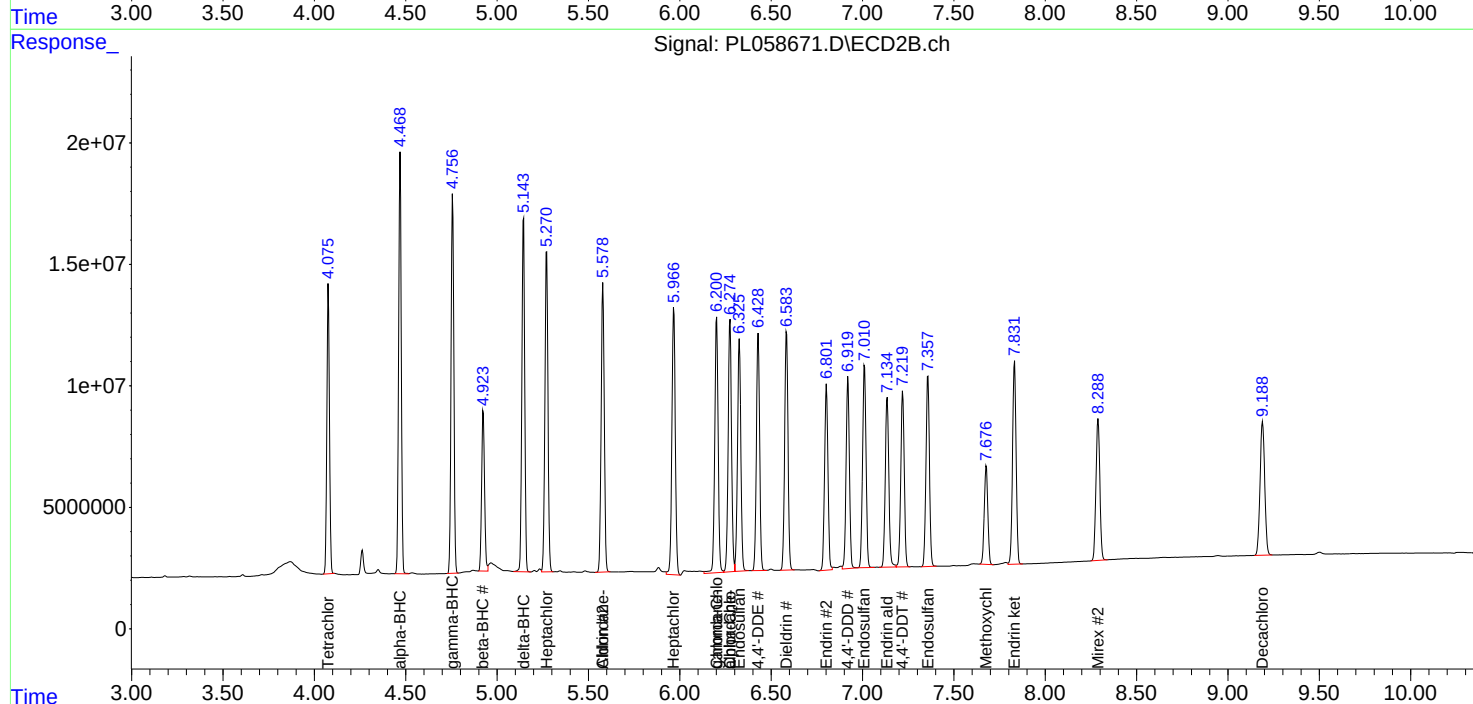
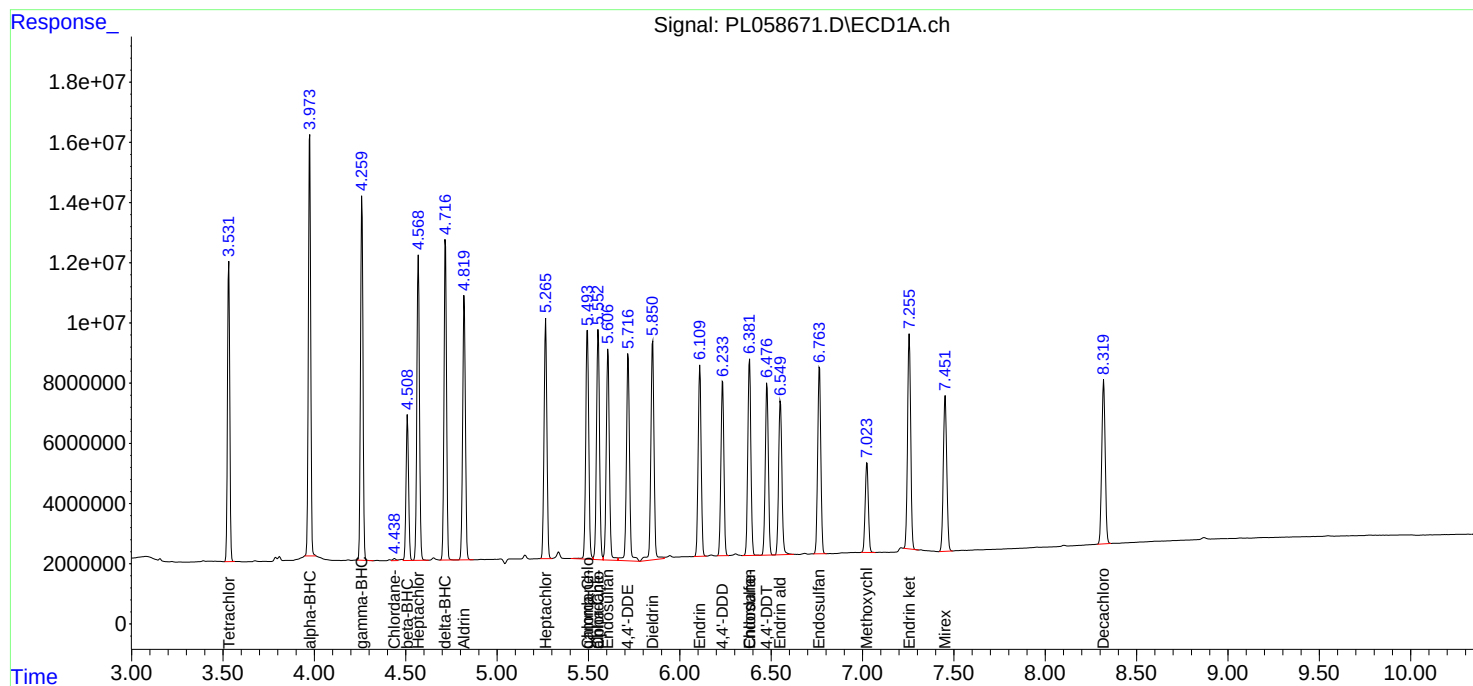
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

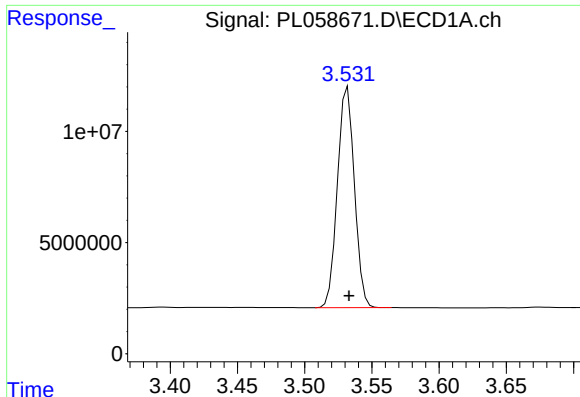
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051320\  
Data File : PL058671.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 May 2020 09:15  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 14 01:52:03 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
Quant Title : GC Extractables  
QLast Update : Wed May 13 09:14:54 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

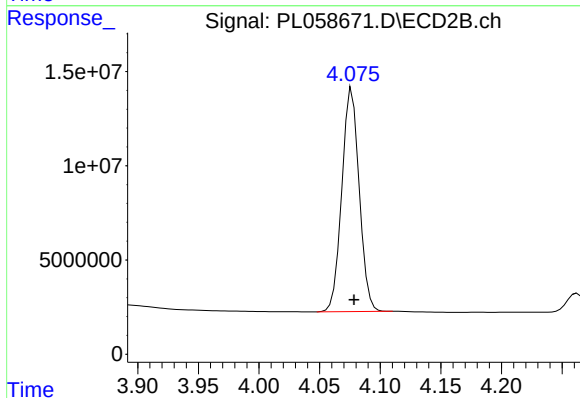




#1 Tetrachloro-m-xylene

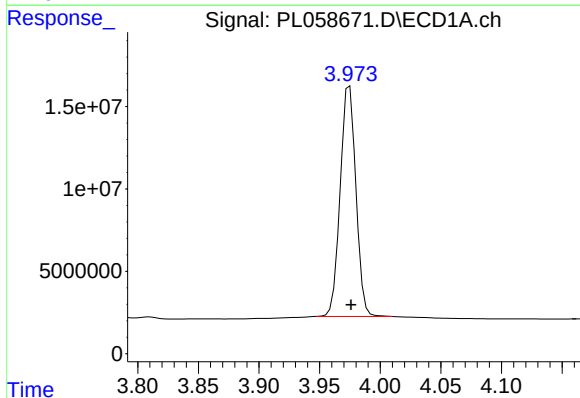
R.T.: 3.532 min  
Delta R.T.: -0.001 min  
Response: 86759523  
Conc: 52.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



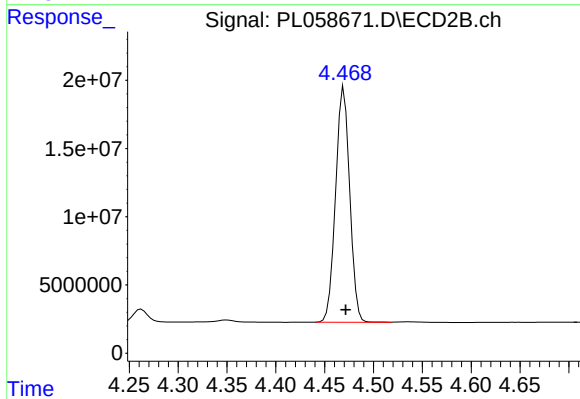
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: -0.002 min  
Response: 117951622  
Conc: 54.49 ng/ml



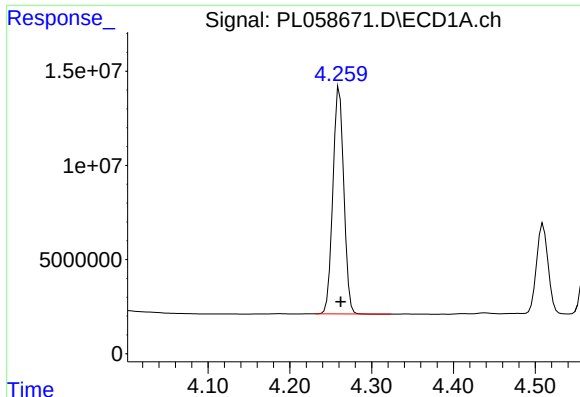
#2 alpha-BHC

R.T.: 3.975 min  
Delta R.T.: -0.001 min  
Response: 126096551  
Conc: 54.78 ng/ml



#2 alpha-BHC

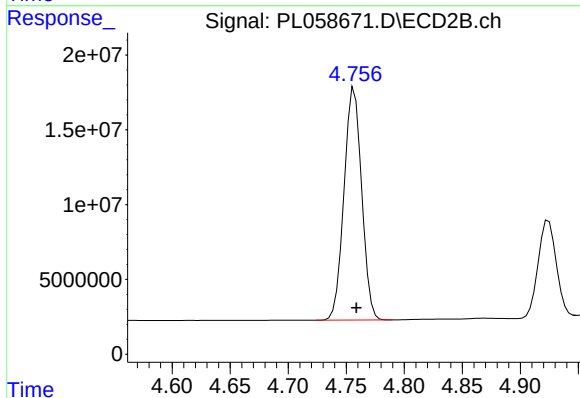
R.T.: 4.470 min  
Delta R.T.: -0.002 min  
Response: 173571240  
Conc: 56.69 ng/ml



#3 gamma-BHC (Lindane)

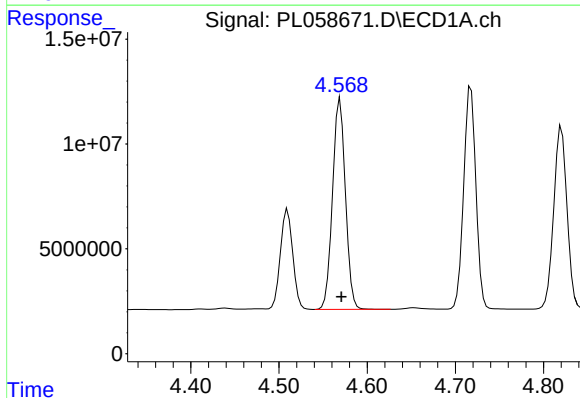
R.T.: 4.261 min  
Delta R.T.: -0.002 min  
Response: 111953824  
Conc: 54.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



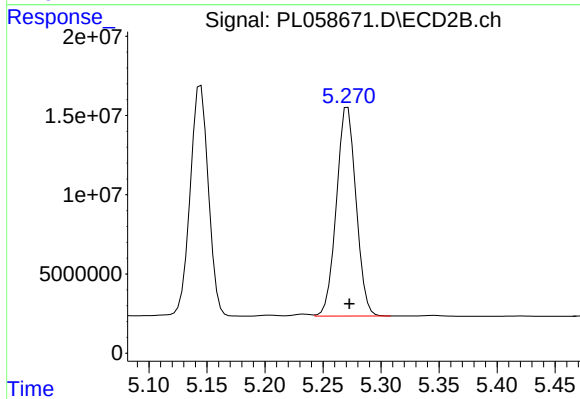
#3 gamma-BHC (Lindane)

R.T.: 4.757 min  
Delta R.T.: -0.002 min  
Response: 164272045  
Conc: 56.03 ng/ml



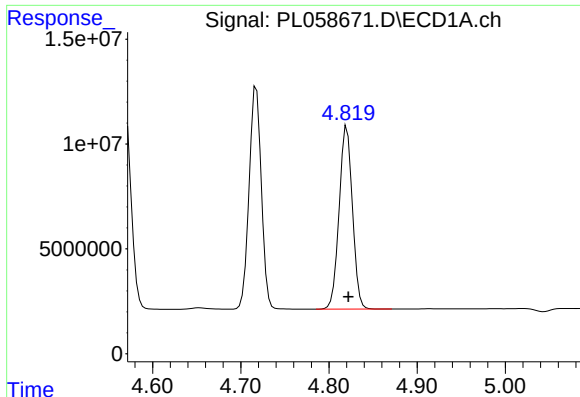
#4 Heptachlor

R.T.: 4.569 min  
Delta R.T.: -0.001 min  
Response: 102415268  
Conc: 54.21 ng/ml



#4 Heptachlor

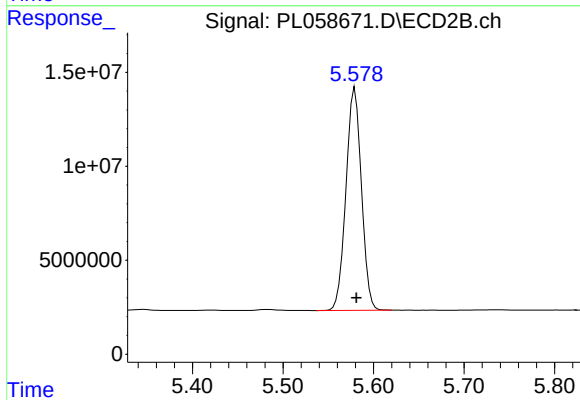
R.T.: 5.271 min  
Delta R.T.: -0.002 min  
Response: 155026099  
Conc: 55.32 ng/ml



#5 Aldrin

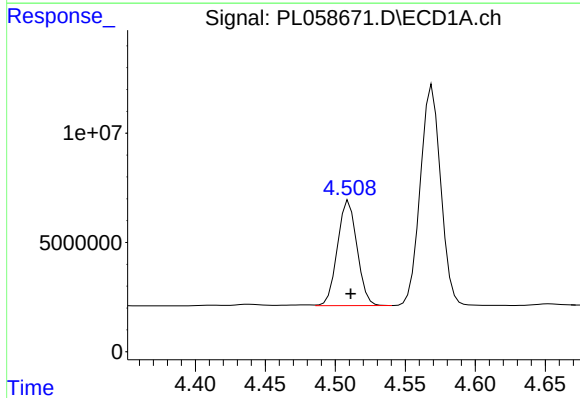
R.T.: 4.820 min  
Delta R.T.: -0.002 min  
Response: 91445129  
Conc: 54.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



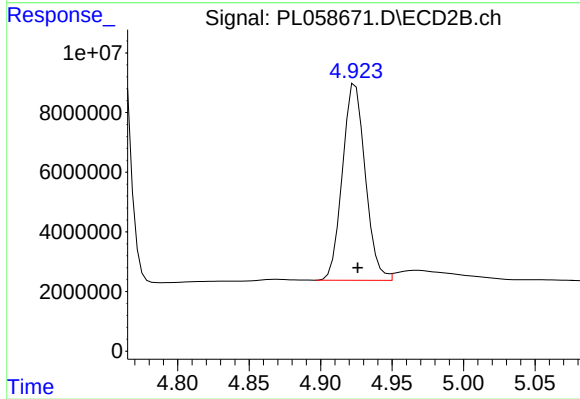
#5 Aldrin

R.T.: 5.579 min  
Delta R.T.: -0.002 min  
Response: 140640978  
Conc: 56.48 ng/ml



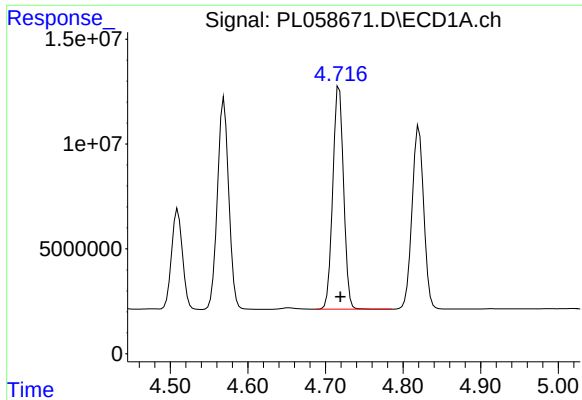
#6 beta-BHC

R.T.: 4.510 min  
Delta R.T.: -0.001 min  
Response: 46855803  
Conc: 52.85 ng/ml



#6 beta-BHC

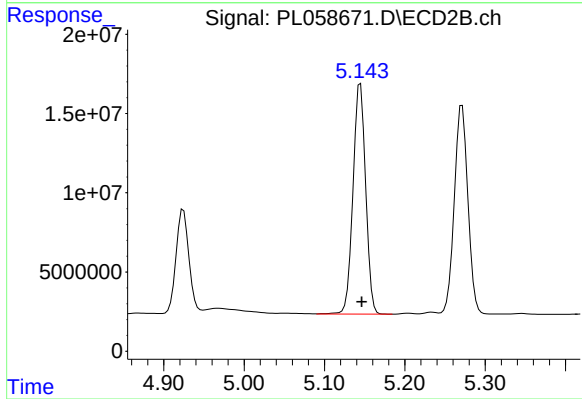
R.T.: 4.924 min  
Delta R.T.: -0.002 min  
Response: 73283313  
Conc: 55.25 ng/ml



#7 delta-BHC

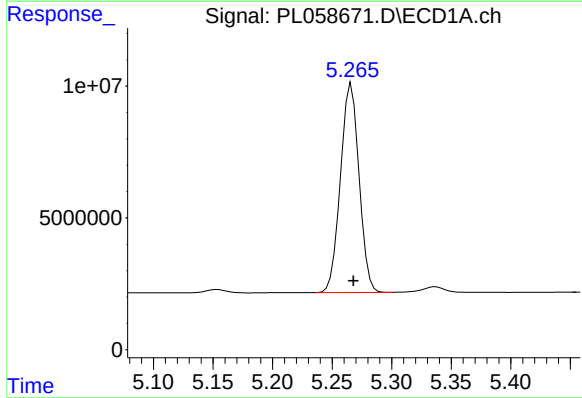
R.T.: 4.718 min  
Delta R.T.: -0.002 min  
Response: 102492912  
Conc: 55.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



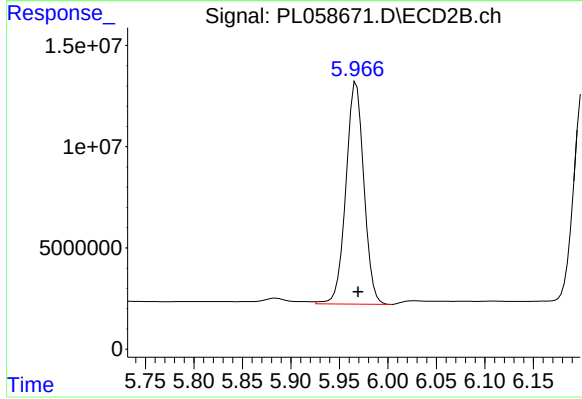
#7 delta-BHC

R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 159138719  
Conc: 56.08 ng/ml



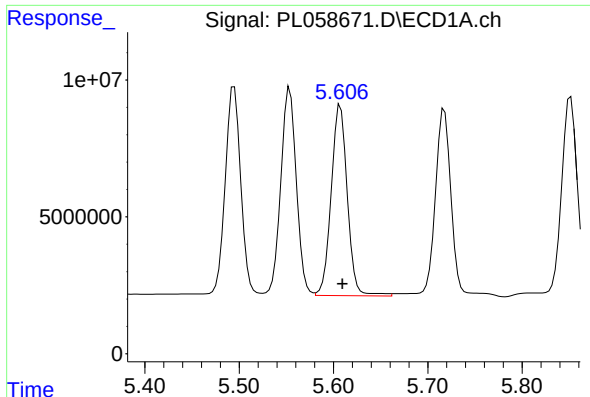
#8 Heptachlor epoxide

R.T.: 5.266 min  
Delta R.T.: -0.001 min  
Response: 86166461  
Conc: 54.84 ng/ml



#8 Heptachlor epoxide

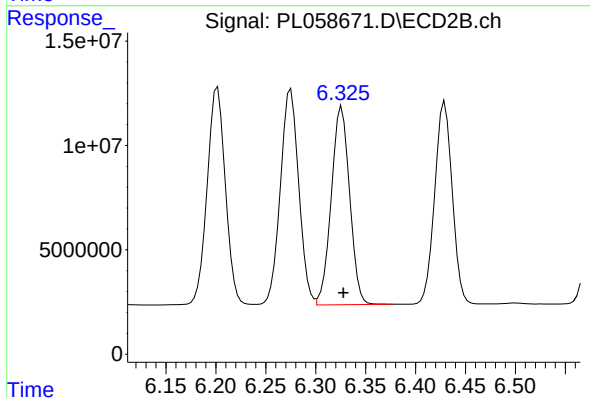
R.T.: 5.967 min  
Delta R.T.: -0.002 min  
Response: 141250496  
Conc: 58.82 ng/ml



#9 Endosulfan I

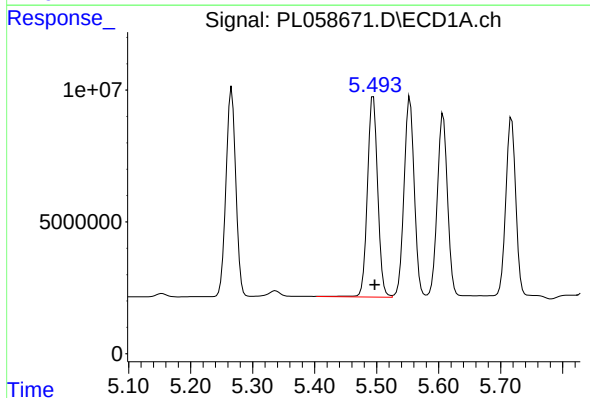
R.T.: 5.607 min  
Delta R.T.: -0.002 min  
Response: 82814732  
Conc: 57.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



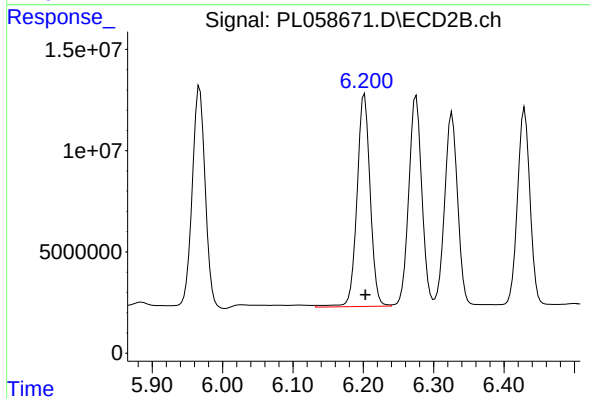
#9 Endosulfan I

R.T.: 6.326 min  
Delta R.T.: -0.002 min  
Response: 121482622  
Conc: 56.45 ng/ml



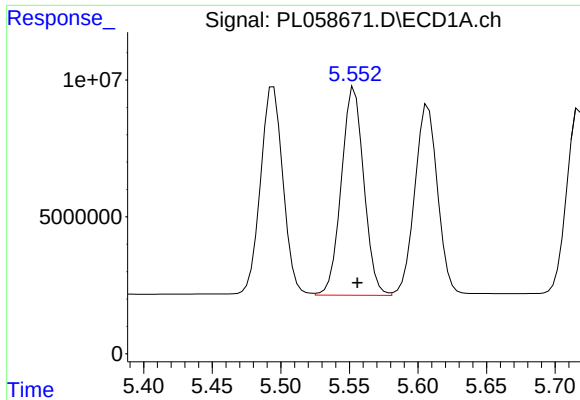
#10 gamma-Chlordane

R.T.: 5.495 min  
Delta R.T.: -0.003 min  
Response: 87331152  
Conc: 56.21 ng/ml



#10 gamma-Chlordane

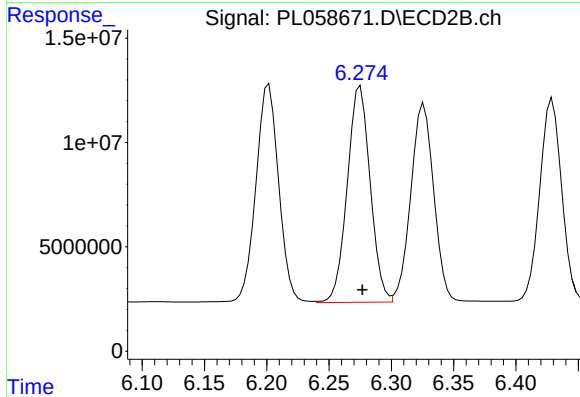
R.T.: 6.202 min  
Delta R.T.: -0.001 min  
Response: 136438527  
Conc: 58.08 ng/ml



#11 alpha-Chlordane

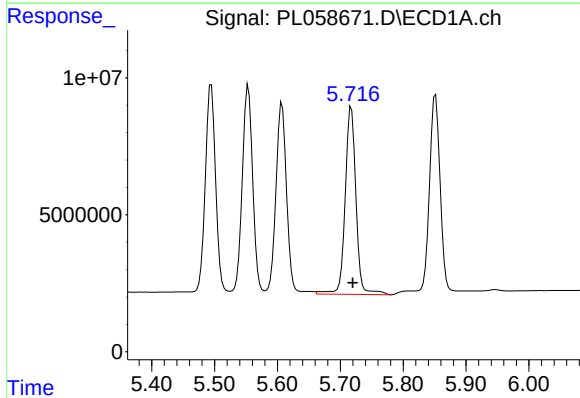
R.T.: 5.554 min  
Delta R.T.: -0.002 min  
Response: 86912866  
Conc: 55.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



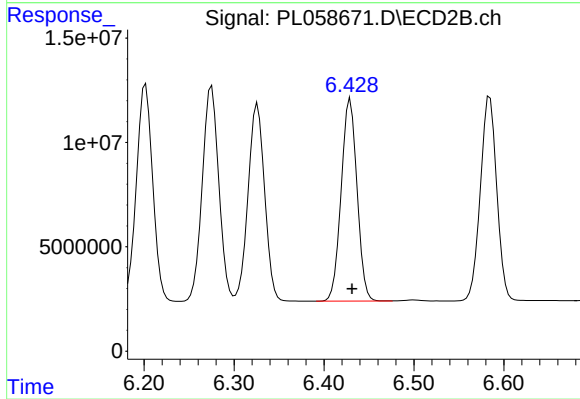
#11 alpha-Chlordane

R.T.: 6.275 min  
Delta R.T.: -0.002 min  
Response: 133358651  
Conc: 56.89 ng/ml



#12 4,4'-DDE

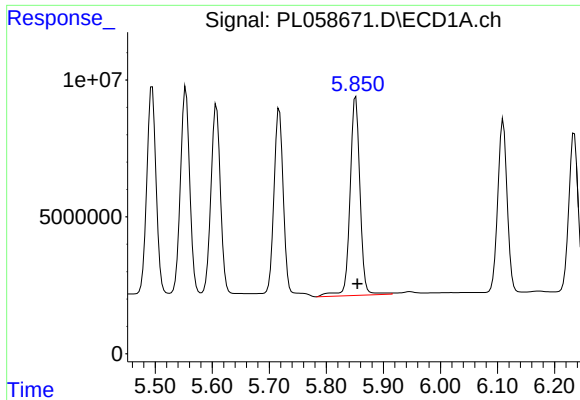
R.T.: 5.718 min  
Delta R.T.: -0.002 min  
Response: 81633226  
Conc: 58.57 ng/ml



#12 4,4'-DDE

R.T.: 6.429 min  
Delta R.T.: -0.002 min  
Response: 118746073  
Conc: 56.86 ng/ml

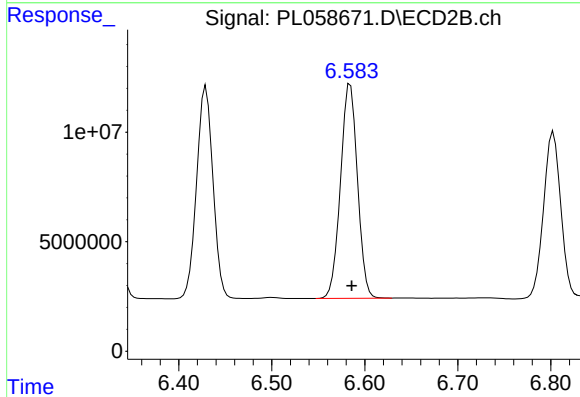




#13 Dieldrin

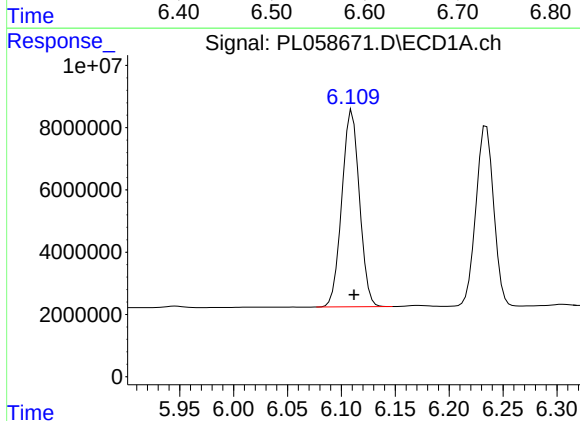
R.T.: 5.852 min  
Delta R.T.: -0.003 min  
Response: 88635105  
Conc: 59.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



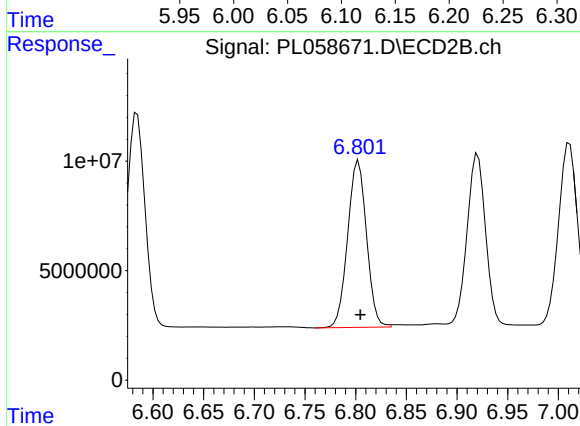
#13 Dieldrin

R.T.: 6.584 min  
Delta R.T.: -0.002 min  
Response: 124188936  
Conc: 56.59 ng/ml



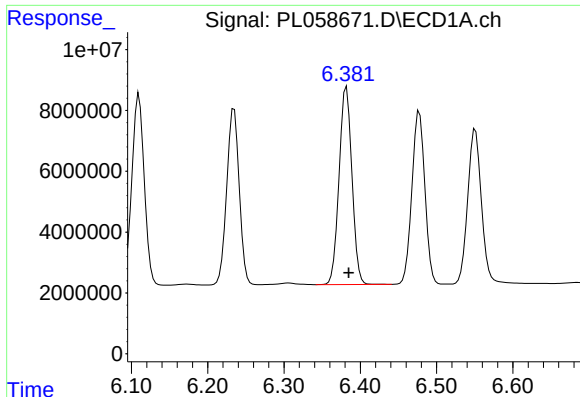
#14 Endrin

R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 71901617  
Conc: 55.34 ng/ml



#14 Endrin

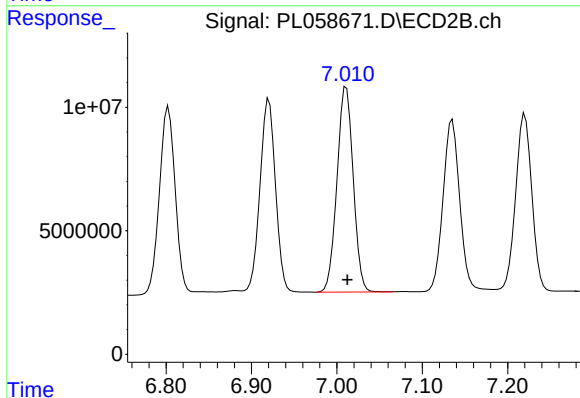
R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 98365565  
Conc: 54.24 ng/ml



#15 Endosulfan II

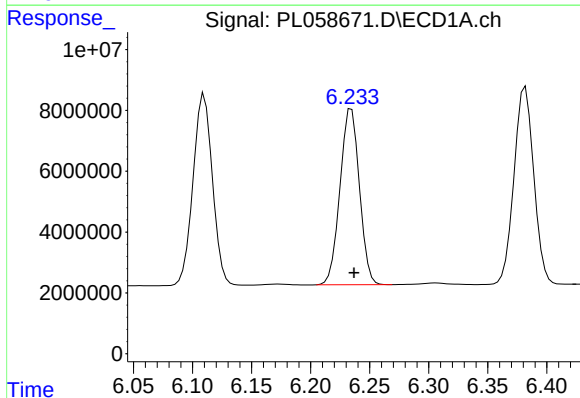
R.T.: 6.382 min  
Delta R.T.: -0.003 min  
Response: 75926041  
Conc: 55.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



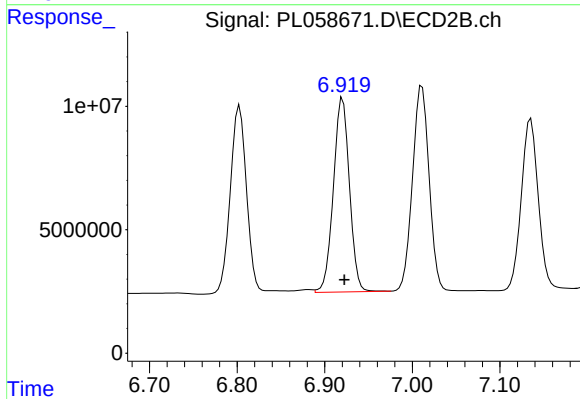
#15 Endosulfan II

R.T.: 7.011 min  
Delta R.T.: -0.001 min  
Response: 109732222  
Conc: 54.95 ng/ml



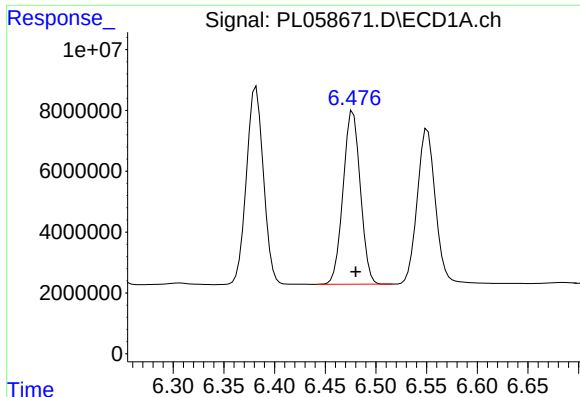
#16 4,4'-DDD

R.T.: 6.235 min  
Delta R.T.: -0.002 min  
Response: 66276768  
Conc: 56.20 ng/ml



#16 4,4'-DDD

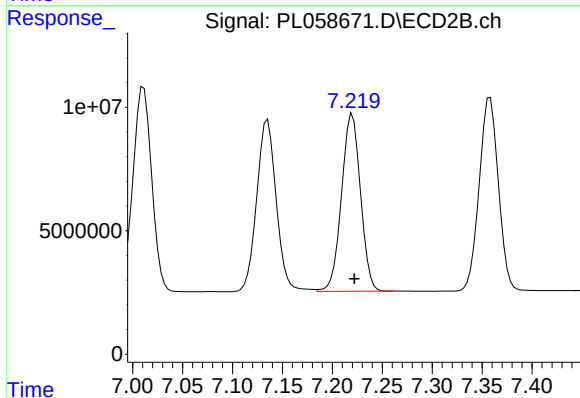
R.T.: 6.921 min  
Delta R.T.: -0.002 min  
Response: 100166829  
Conc: 57.24 ng/ml



#17 4,4'-DDT

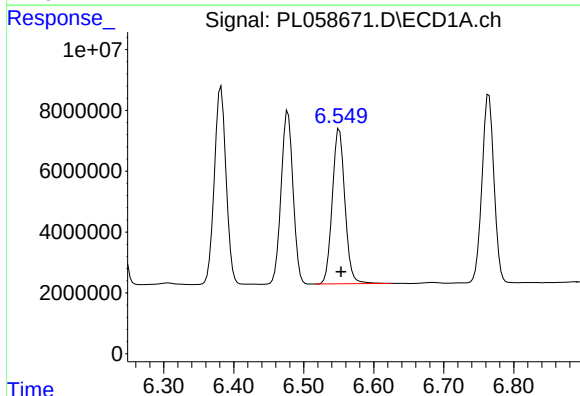
R.T.: 6.478 min  
Delta R.T.: -0.003 min  
Response: 67227974  
Conc: 55.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



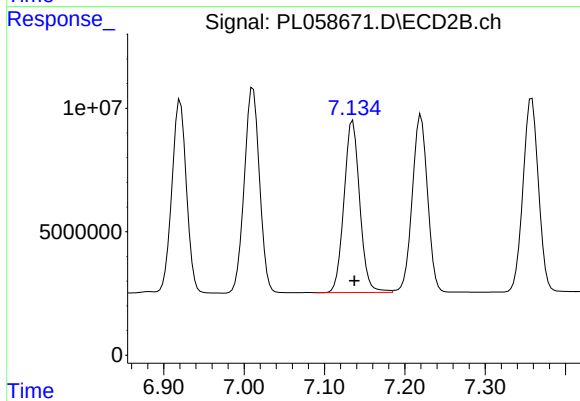
#17 4,4'-DDT

R.T.: 7.220 min  
Delta R.T.: -0.002 min  
Response: 95080637  
Conc: 56.17 ng/ml



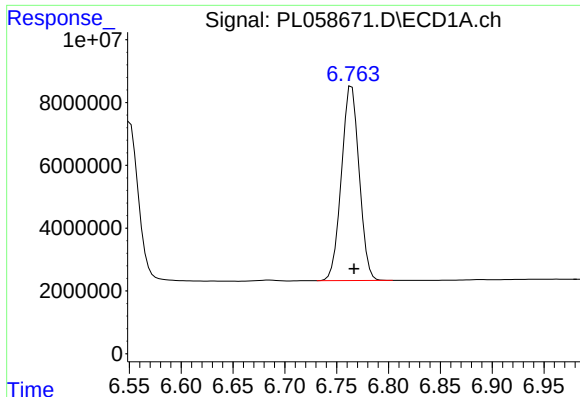
#18 Endrin aldehyde

R.T.: 6.551 min  
Delta R.T.: -0.003 min  
Response: 63866157  
Conc: 54.41 ng/ml



#18 Endrin aldehyde

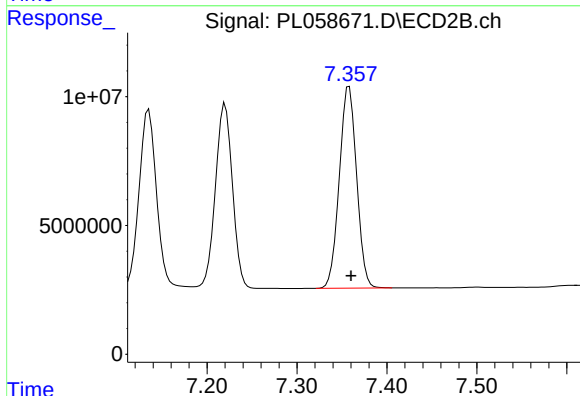
R.T.: 7.135 min  
Delta R.T.: -0.002 min  
Response: 94945490  
Conc: 55.62 ng/ml



#19 Endosulfan Sulfate

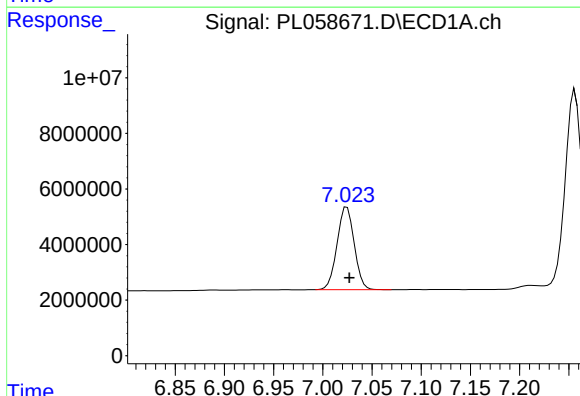
R.T.: 6.765 min  
Delta R.T.: -0.002 min  
Response: 73700484  
Conc: 55.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



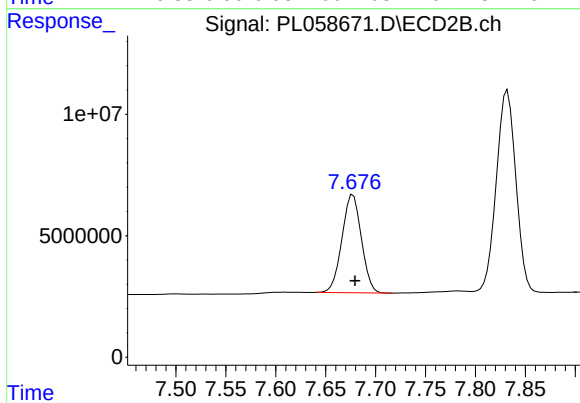
#19 Endosulfan Sulfate

R.T.: 7.358 min  
Delta R.T.: -0.002 min  
Response: 104784192  
Conc: 55.99 ng/ml



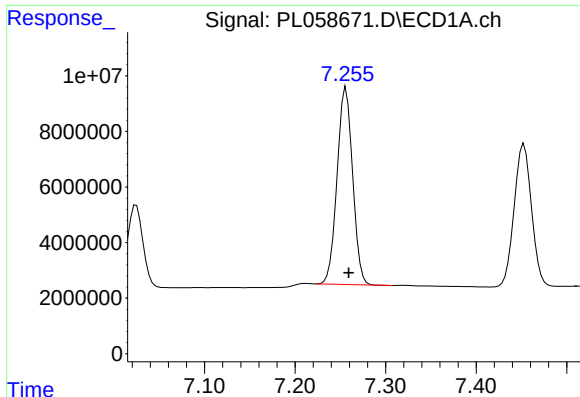
#20 Methoxychlor

R.T.: 7.025 min  
Delta R.T.: -0.003 min  
Response: 36133418  
Conc: 55.66 ng/ml



#20 Methoxychlor

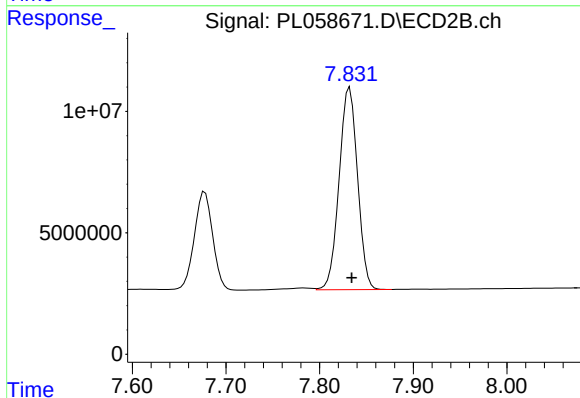
R.T.: 7.677 min  
Delta R.T.: -0.002 min  
Response: 54643155  
Conc: 55.63 ng/ml



#21 Endrin ketone

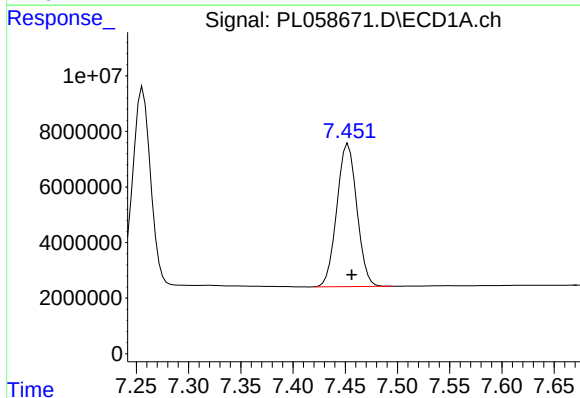
R.T.: 7.256 min  
Delta R.T.: -0.003 min  
Response: 84543113  
Conc: 57.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



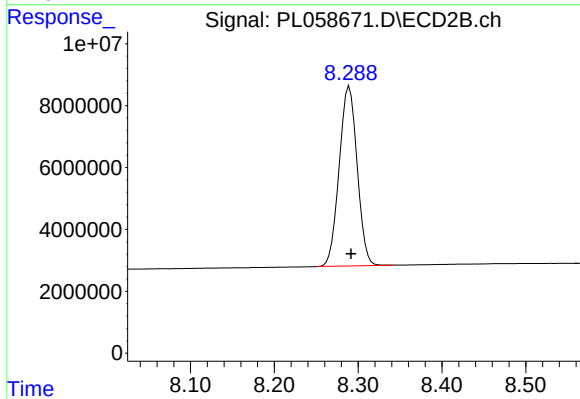
#21 Endrin ketone

R.T.: 7.832 min  
Delta R.T.: -0.002 min  
Response: 113919377  
Conc: 56.55 ng/ml



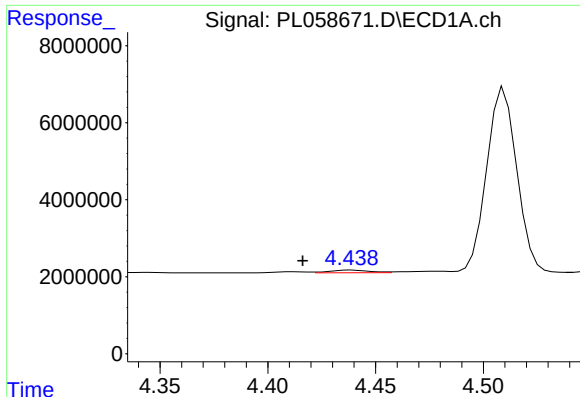
#22 Mirex

R.T.: 7.453 min  
Delta R.T.: -0.003 min  
Response: 68442977  
Conc: 55.98 ng/ml



#22 Mirex

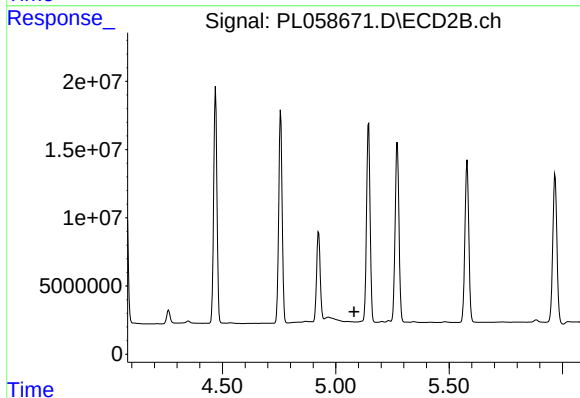
R.T.: 8.290 min  
Delta R.T.: -0.002 min  
Response: 86567627  
Conc: 55.09 ng/ml



#23 Chlordane-1

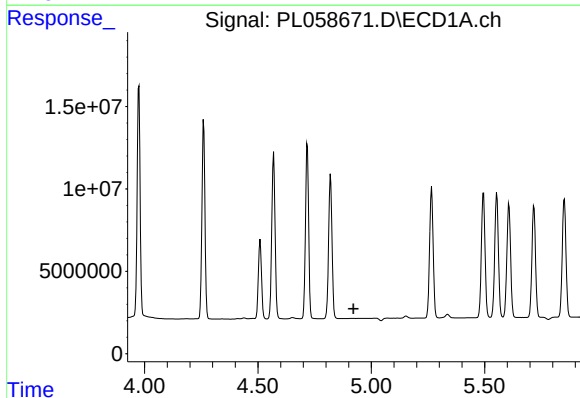
R.T.: 4.439 min  
Delta R.T.: 0.023 min  
Response: 864944  
Conc: 17.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



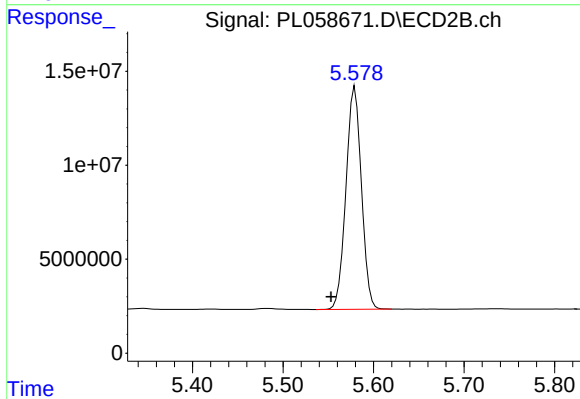
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.081 min  
Response: 0  
Conc: N.D.



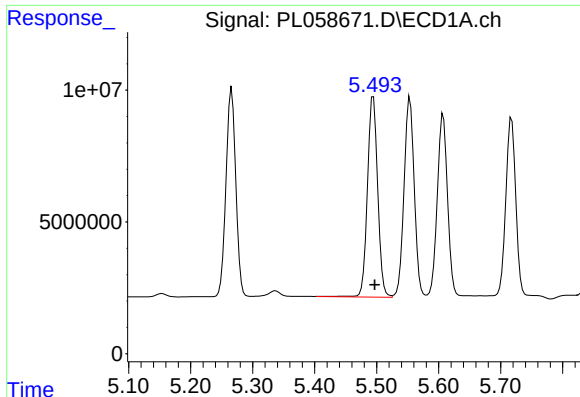
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.922 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

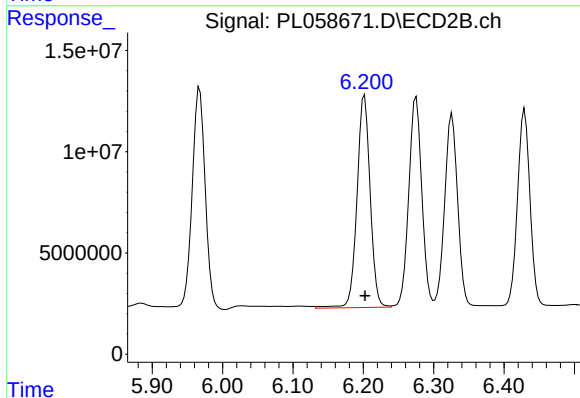
R.T.: 5.579 min  
Delta R.T.: 0.026 min  
Response: 140640978  
Conc: 1645.78 ng/ml



#25 Chlordane-3

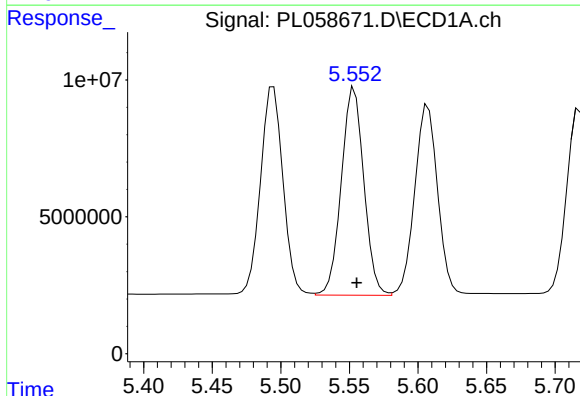
R.T.: 5.495 min  
Delta R.T.: -0.002 min  
Response: 87331152  
Conc: 624.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



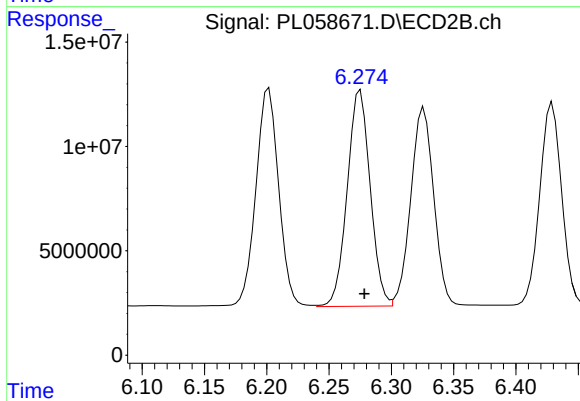
#25 Chlordane-3

R.T.: 6.202 min  
Delta R.T.: -0.001 min  
Response: 136438527  
Conc: 450.46 ng/ml



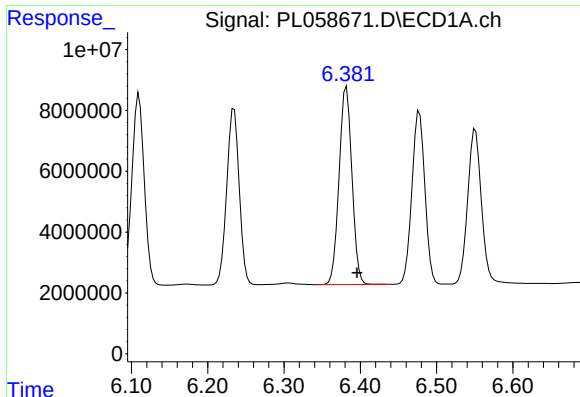
#26 Chlordane-4

R.T.: 5.554 min  
Delta R.T.: -0.002 min  
Response: 86912866  
Conc: 757.26 ng/ml



#26 Chlordane-4

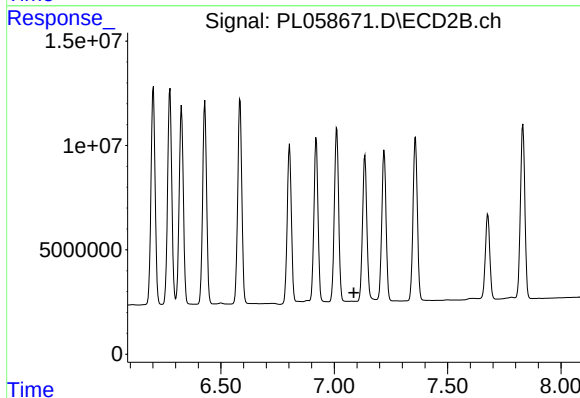
R.T.: 6.275 min  
Delta R.T.: -0.003 min  
Response: 133358651  
Conc: 365.91 ng/ml



#27 Chlordane-5

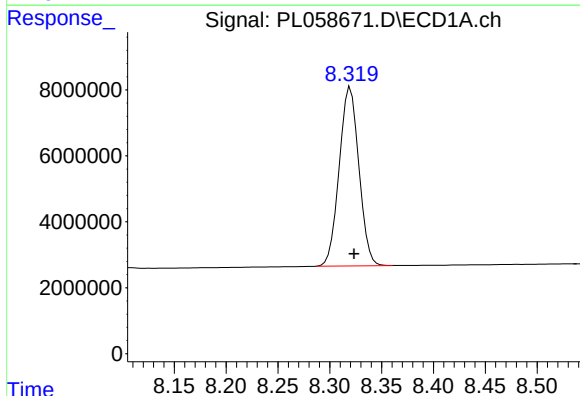
R.T.: 6.382 min  
Delta R.T.: -0.014 min  
Response: 75926041  
Conc: 1555.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



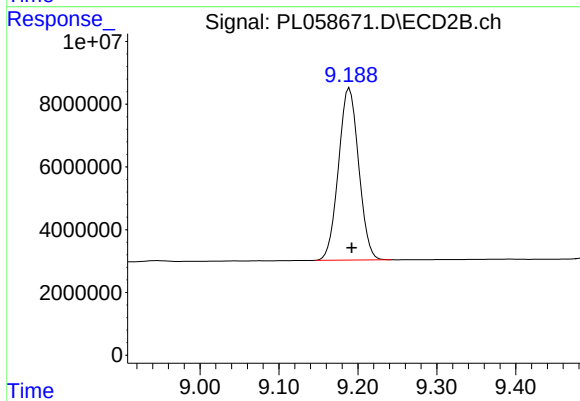
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.087 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.320 min  
Delta R.T.: -0.003 min  
Response: 71652688  
Conc: 54.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.189 min  
Delta R.T.: -0.003 min  
Response: 97484323  
Conc: 55.16 ng/ml