

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030220\  
 Data File : PL056941.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2020 18:38  
 Operator : AJ\MA  
 Sample : L1741-03  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 05:58:19 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022720.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 27 13:35:45 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... | 3.498  | 4.002  | 392.1E6  | 149.2E6  | 21.923  | 27.837 #  |
| 28)                         | SA Decachlor... | 8.254  | 9.068  | 218.5E6  | 56220040 | 11.002  | 13.283    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.418  | 0        | 2702024  | N.D.    | 0.328 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.675  | 0        | 3803794  | N.D.    | 0.496 #   |
| 4)                          | MA Heptachlor   | 4.524  | 5.202  | 26925462 | 9123074  | 0.958   | 1.418 #   |
| 5)                          | MB Aldrin       | 4.759  | 0.000  | 17206783 | 0        | 0.613   | N.D. #    |
| 6)                          | B beta-BHC      | 4.481  | 4.886f | 15535096 | 4292536  | 1.377   | 1.287     |
| 7)                          | B delta-BHC     | 4.677  | 5.091  | 22906870 | 5811130  | 0.815   | 0.921     |
| 8)                          | B Heptachlo...  | 5.215  | 5.866f | 8464263  | 3655540  | 0.320   | 0.613 #   |
| 9)                          | A Endosulfan I  | 0.000  | 6.269f | 0        | 3824951  | N.D.    | 0.682 #   |
| 10)                         | B gamma-Chl...  | 5.465f | 6.107  | 267.7E6  | 39020401 | 9.799   | 6.510 #   |
| 11)                         | B alpha-Chl...  | 5.501  | 6.181  | 92077269 | 91945653 | 3.433   | 15.456 #  |
| 12)                         | B 4,4'-DDE      | 5.664  | 6.338  | 99648414 | 36863675 | 3.872   | 6.332 #   |
| 13)                         | MA Dieldrin     | 5.808  | 0.000  | 10369840 | 0        | 0.383   | N.D. #    |
| 14)                         | MA Endrin       | 0.000  | 6.734  | 0        | 2622319  | N.D.    | 0.511 #   |
| 15)                         | B Endosulfa...  | 6.340  | 6.929  | 23199911 | 2730370  | 1.078   | 0.512 #   |
| 16)                         | A 4,4'-DDD      | 6.182  | 6.832  | 23173575 | 10109169 | 1.178   | 2.101 #   |
| 17)                         | MA 4,4'-DDT     | 6.419  | 7.127  | 24007889 | 7819335  | 1.196   | 1.713 #   |
| 18)                         | B Endrin al...  | 0.000  | 7.029f | 0        | 1946542  | N.D.    | 0.441 #   |
| 19)                         | B Endosulfa...  | 6.733f | 7.262  | 10700057 | 1137261  | 0.502   | 0.235 #   |
| 23)                         | Chlordane-1     | 4.393f | 5.033f | 27292886 | 5660964  | 39.192  | 28.565 #  |
| 24)                         | Chlordane-2     | 4.875  | 0.000  | 7996612  | 0        | 10.299  | N.D. #    |
| 25)                         | Chlordane-3     | 5.465f | 6.107f | 267.7E6  | 39020401 | 114.949 | 51.213 #  |
| 26)                         | Chlordane-4     | 5.501  | 6.181f | 92077269 | 91945653 | 46.381  | 103.506 # |
| 27)                         | Chlordane-5     | 6.340  | 7.029f | 23199911 | 1946542  | 28.011  | 11.424 #  |
| -----                       |                 |        |        |          |          |         |           |

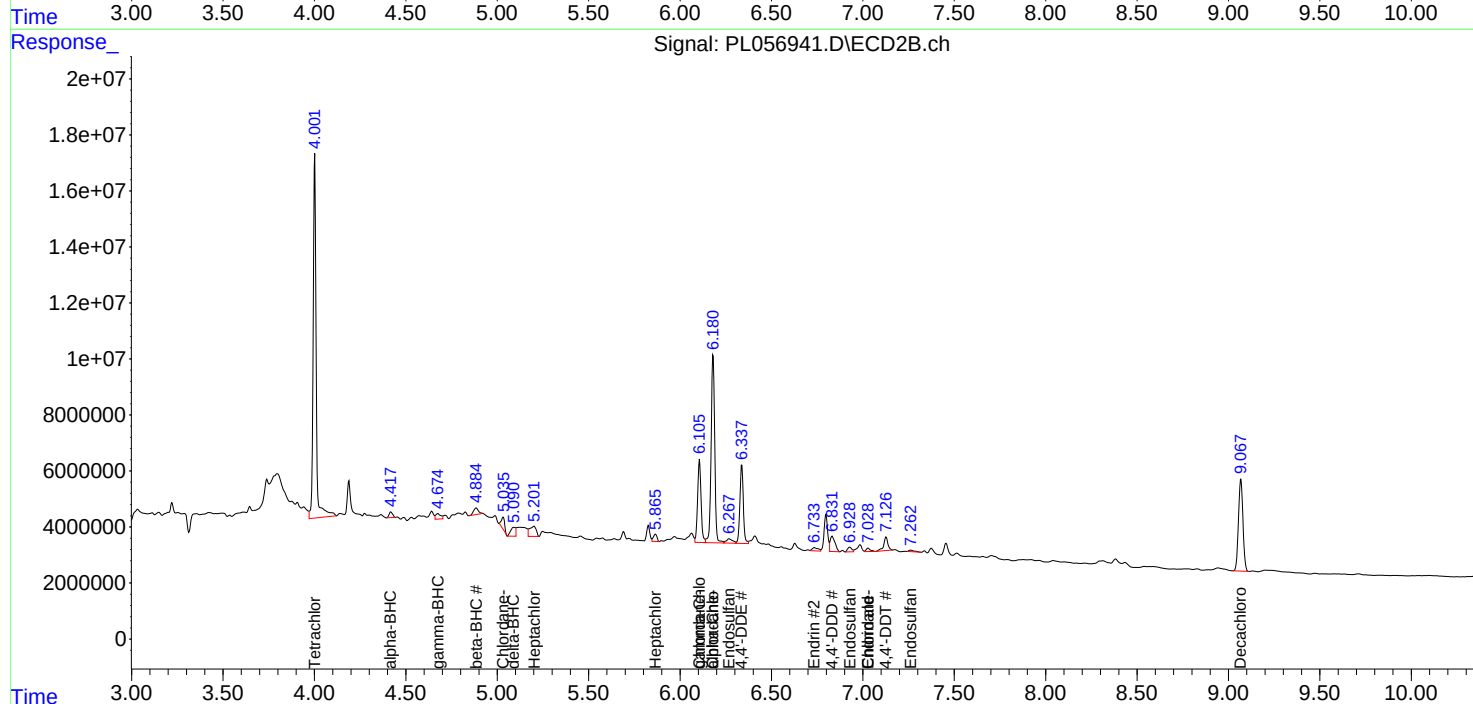
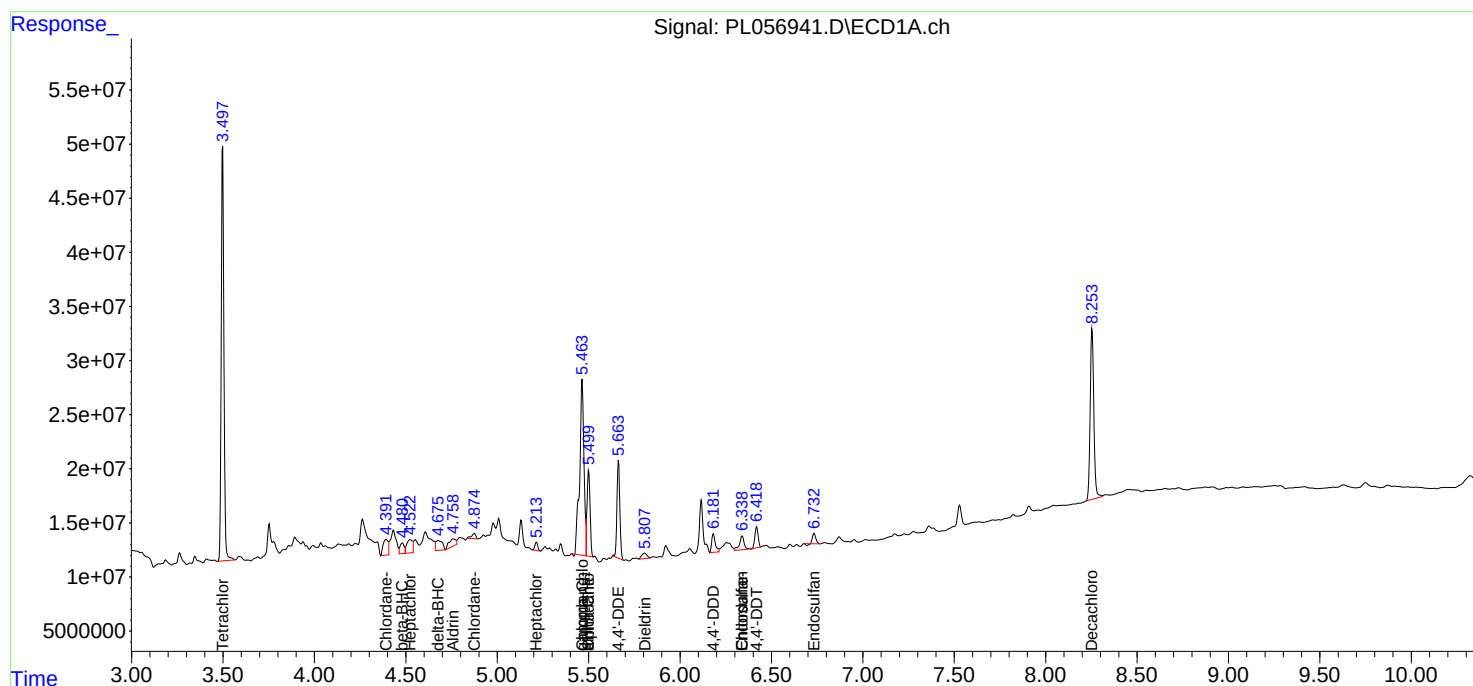
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

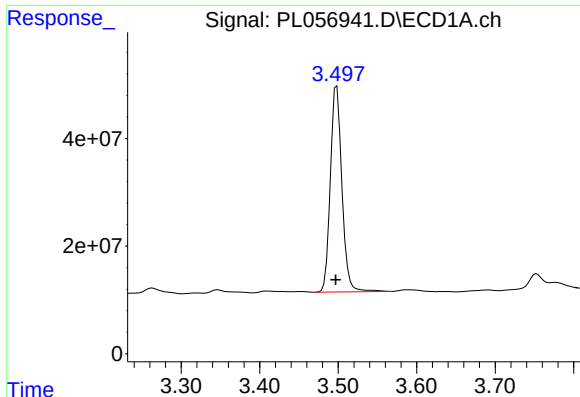
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030220\  
Data File : PL056941.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Mar 2020 18:38  
Operator : AJ\MA  
Sample : L1741-03  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 03 05:58:19 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022720.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 27 13:35:45 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

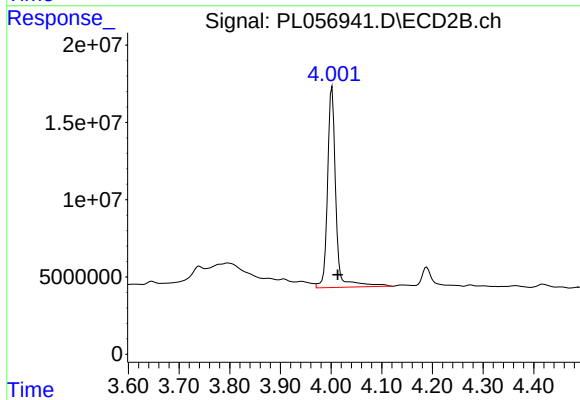




#1 Tetrachloro-m-xylene

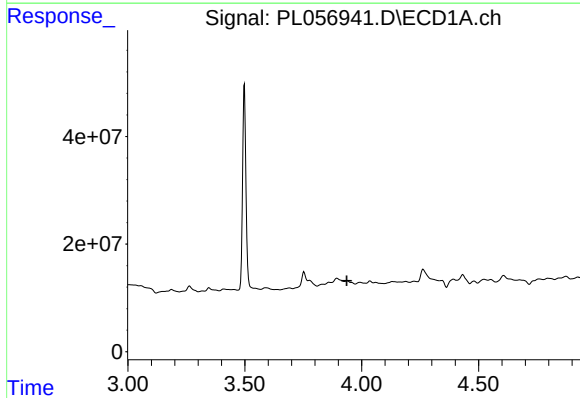
R.T.: 3.498 min  
Delta R.T.: 0.001 min  
Response: 392056219  
Conc: 21.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



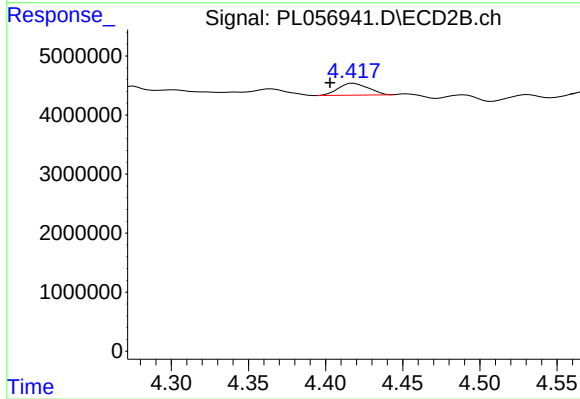
#1 Tetrachloro-m-xylene

R.T.: 4.002 min  
Delta R.T.: -0.011 min  
Response: 149177167  
Conc: 27.84 ng/ml



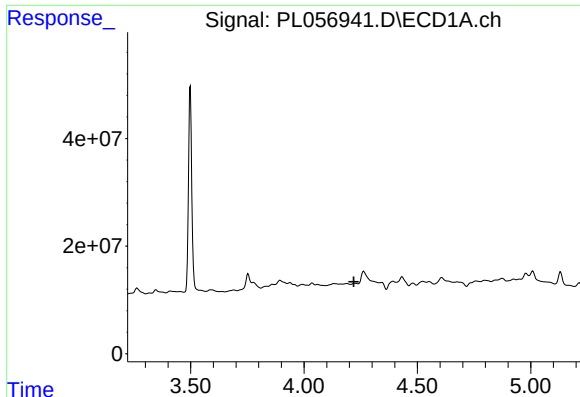
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.936 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

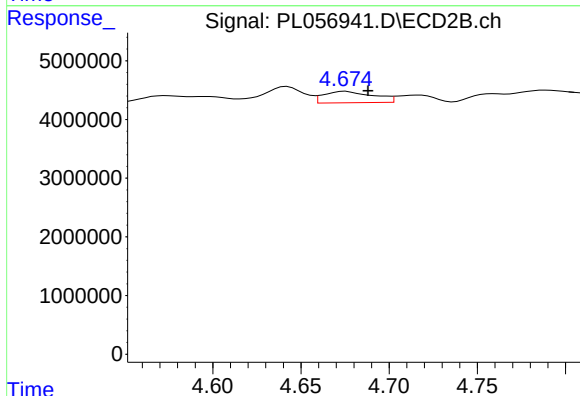
R.T.: 4.418 min  
Delta R.T.: 0.015 min  
Response: 2702024  
Conc: 0.33 ng/ml



#3 gamma-BHC (Lindane)

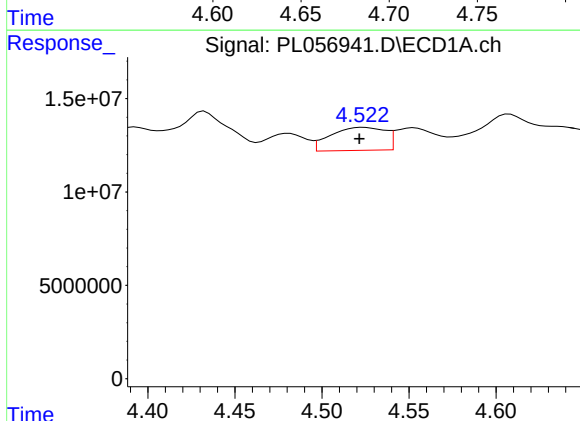
R.T.: 0.000 min  
Exp R.T.: 4.220 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



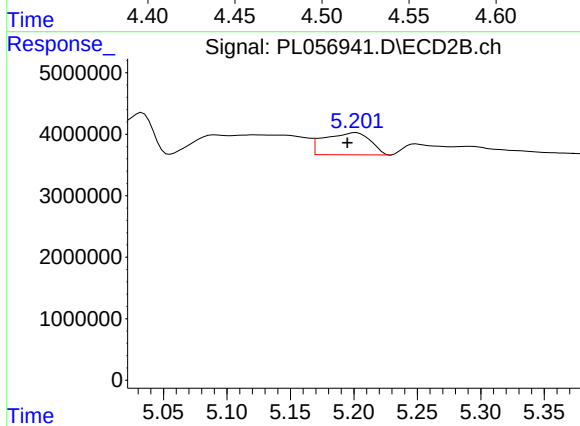
#3 gamma-BHC (Lindane)

R.T.: 4.675 min  
Delta R.T.: -0.013 min  
Response: 3803794  
Conc: 0.50 ng/ml



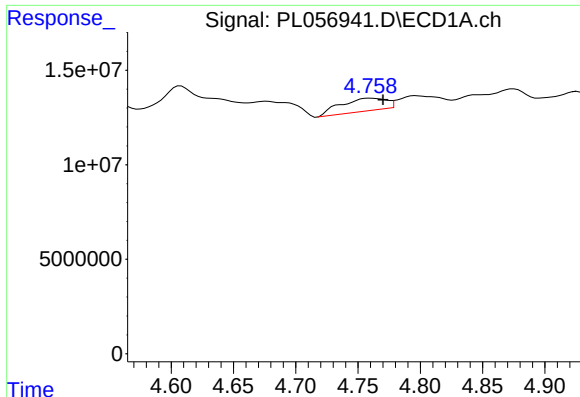
#4 Heptachlor

R.T.: 4.524 min  
Delta R.T.: 0.002 min  
Response: 26925462  
Conc: 0.96 ng/ml



#4 Heptachlor

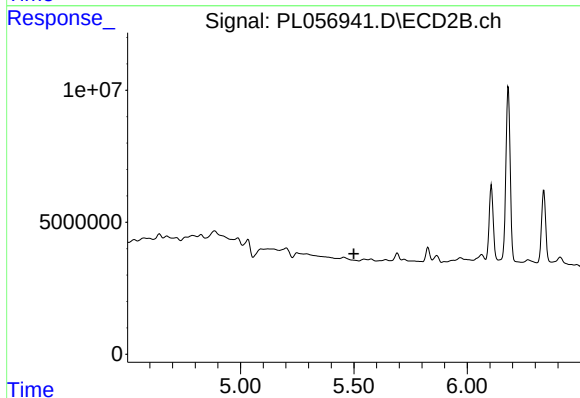
R.T.: 5.202 min  
Delta R.T.: 0.007 min  
Response: 9123074  
Conc: 1.42 ng/ml



#5 Aldrin

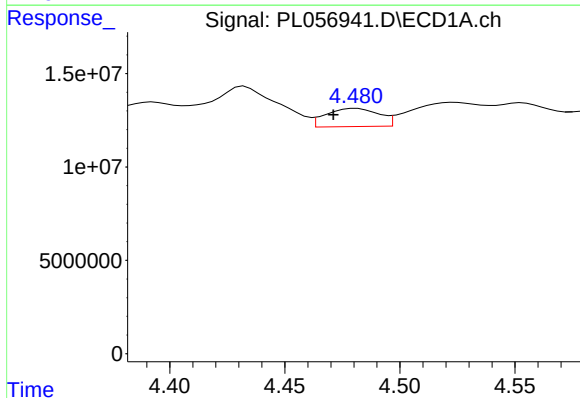
R.T.: 4.759 min  
Delta R.T.: -0.011 min  
Response: 17206783  
Conc: 0.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



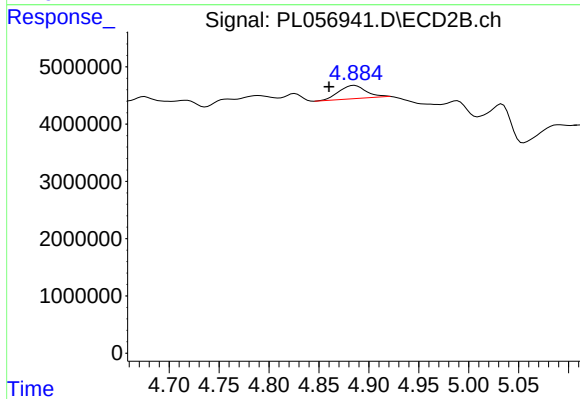
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.500 min  
Response: 0  
Conc: N.D.



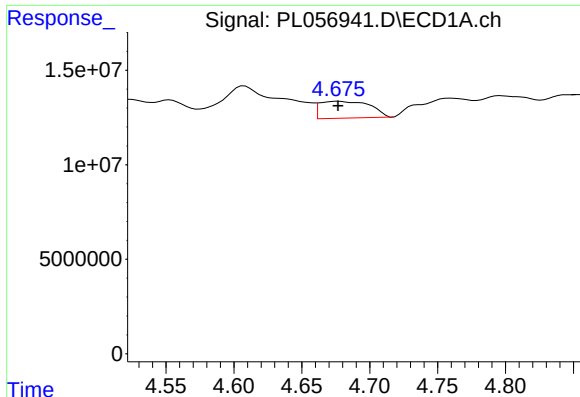
#6 beta-BHC

R.T.: 4.481 min  
Delta R.T.: 0.010 min  
Response: 15535096  
Conc: 1.38 ng/ml



#6 beta-BHC

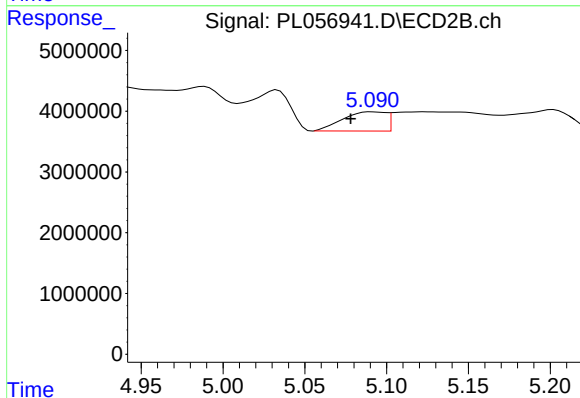
R.T.: 4.886 min  
Delta R.T.: 0.026 min  
Response: 4292536  
Conc: 1.29 ng/ml



#7 delta-BHC

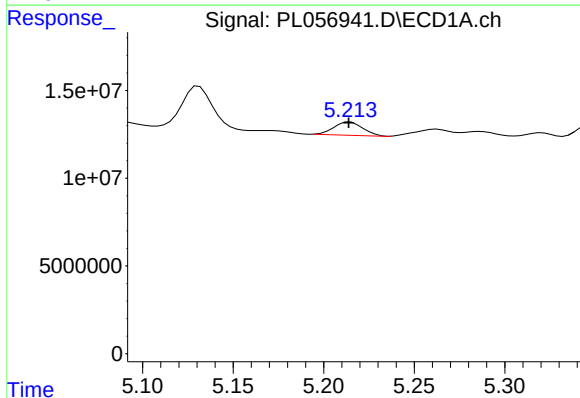
R.T.: 4.677 min  
Delta R.T.: 0.000 min  
Response: 22906870  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



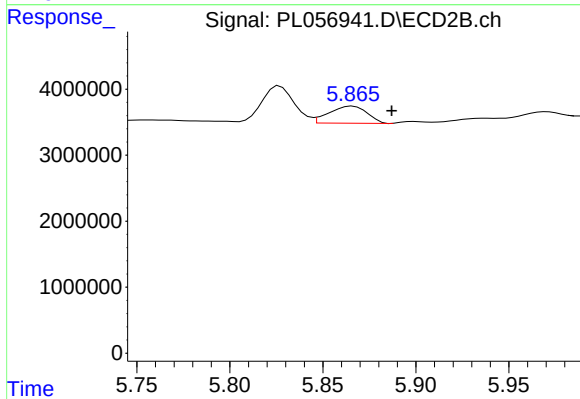
#7 delta-BHC

R.T.: 5.091 min  
Delta R.T.: 0.013 min  
Response: 5811130  
Conc: 0.92 ng/ml



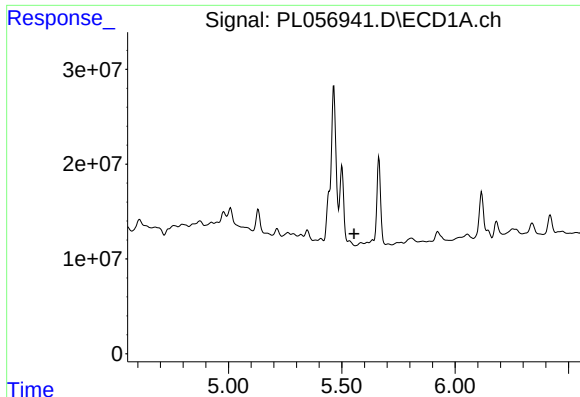
#8 Heptachlor epoxide

R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 8464263  
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

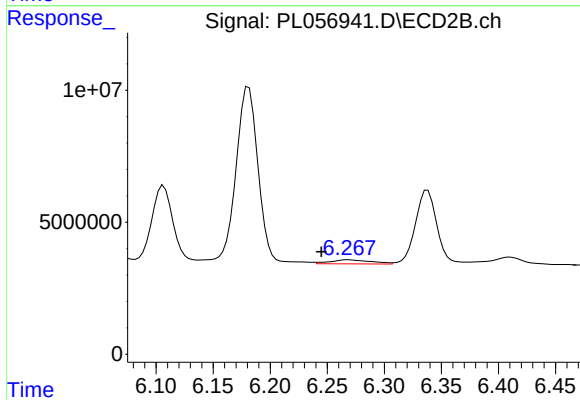
R.T.: 5.866 min  
Delta R.T.: -0.021 min  
Response: 3655540  
Conc: 0.61 ng/ml



#9 Endosulfan I

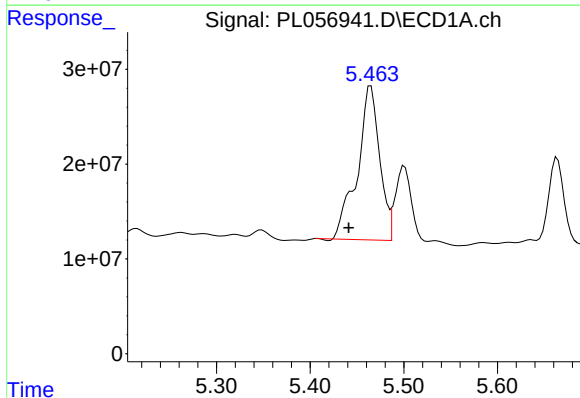
R.T.: 0.000 min  
Exp R.T.: 5.554 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



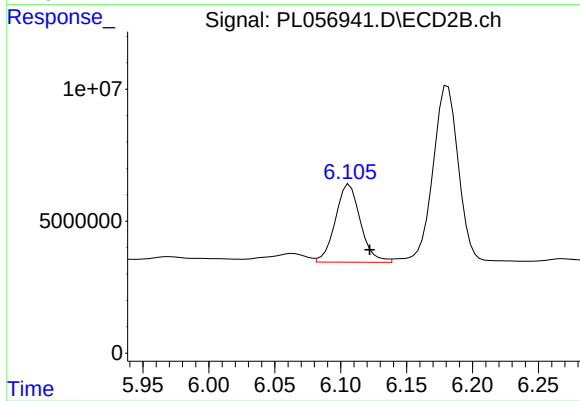
#9 Endosulfan I

R.T.: 6.269 min  
Delta R.T.: 0.024 min  
Response: 3824951  
Conc: 0.68 ng/ml



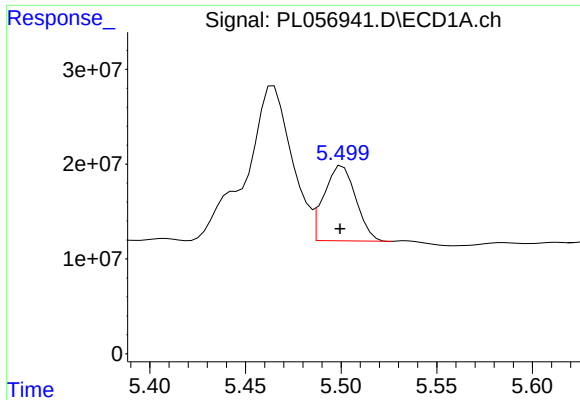
#10 gamma-Chlordane

R.T.: 5.465 min  
Delta R.T.: 0.024 min  
Response: 267733006  
Conc: 9.80 ng/ml



#10 gamma-Chlordane

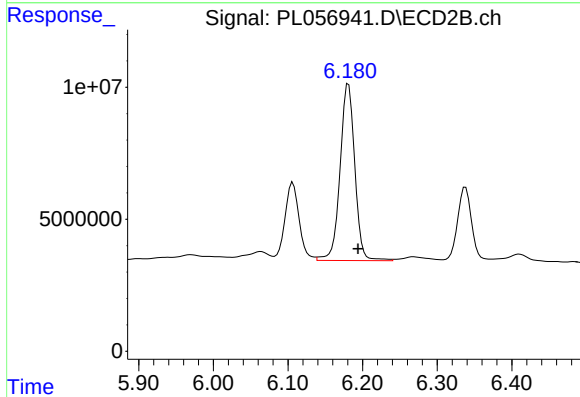
R.T.: 6.107 min  
Delta R.T.: -0.015 min  
Response: 39020401  
Conc: 6.51 ng/ml



#11 alpha-Chlordane

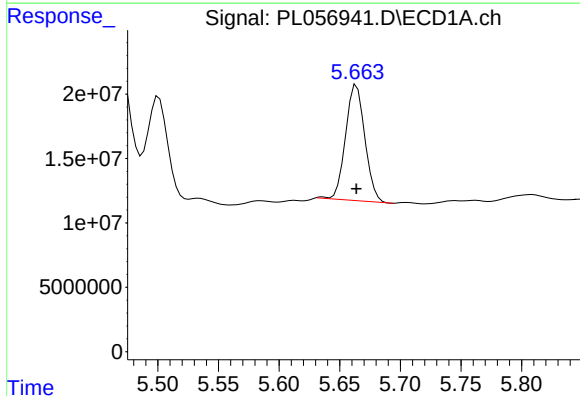
R.T.: 5.501 min  
Delta R.T.: 0.001 min  
Response: 92077269  
Conc: 3.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



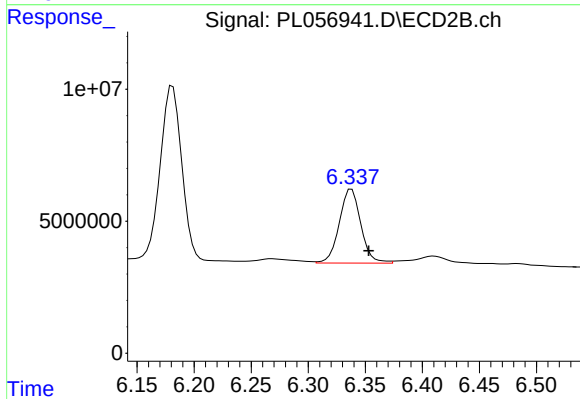
#11 alpha-Chlordane

R.T.: 6.181 min  
Delta R.T.: -0.013 min  
Response: 91945653  
Conc: 15.46 ng/ml



#12 4,4'-DDE

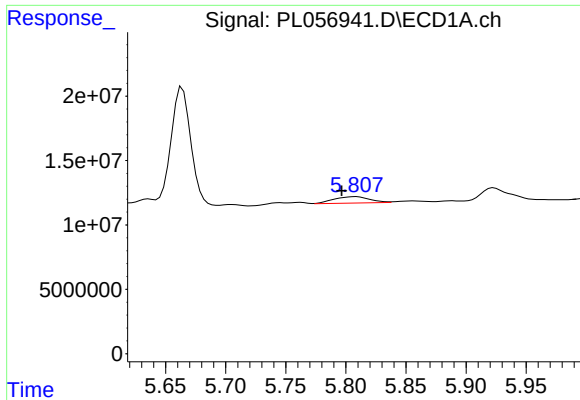
R.T.: 5.664 min  
Delta R.T.: 0.000 min  
Response: 99648414  
Conc: 3.87 ng/ml



#12 4,4'-DDE

R.T.: 6.338 min  
Delta R.T.: -0.015 min  
Response: 36863675  
Conc: 6.33 ng/ml

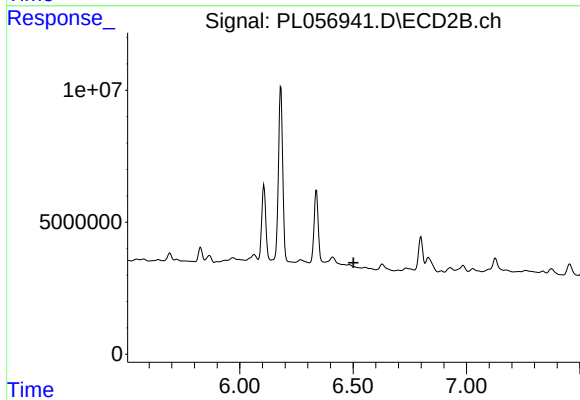




#13 Dieldrin

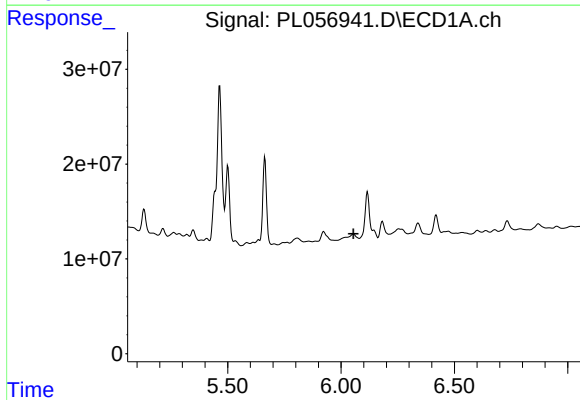
R.T.: 5.808 min  
Delta R.T.: 0.011 min  
Response: 10369840  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



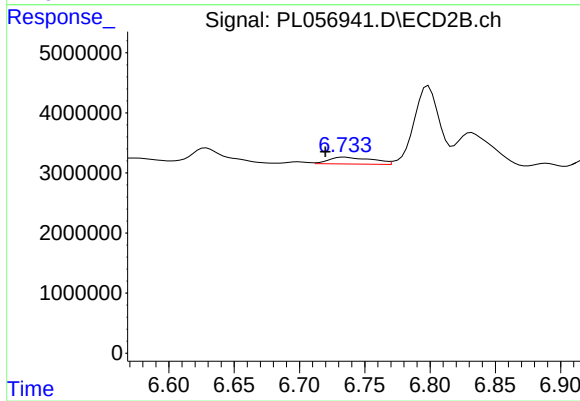
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.502 min  
Response: 0  
Conc: N.D.



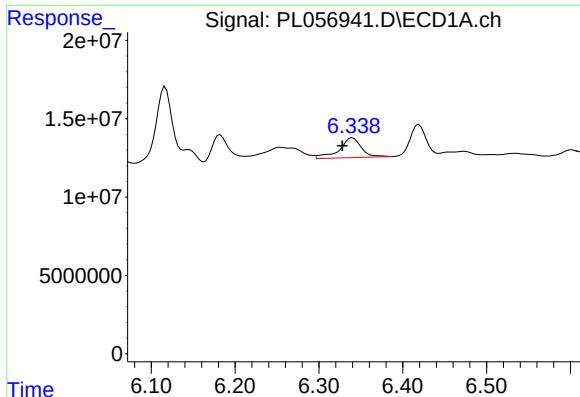
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.055 min  
Response: 0  
Conc: N.D.



#14 Endrin

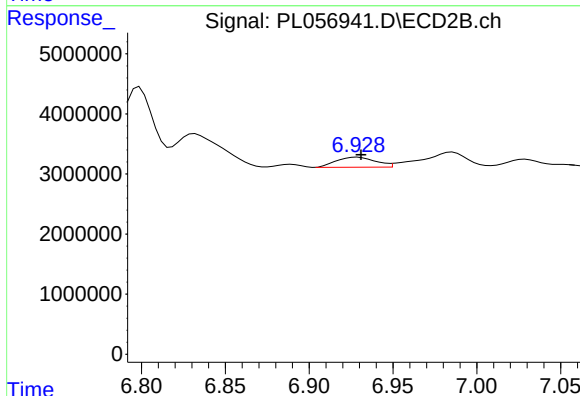
R.T.: 6.734 min  
Delta R.T.: 0.014 min  
Response: 2622319  
Conc: 0.51 ng/ml



#15 Endosulfan II

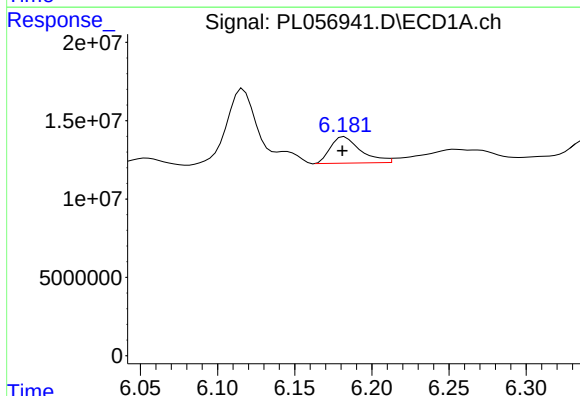
R.T.: 6.340 min  
Delta R.T.: 0.012 min  
Response: 23199911  
Conc: 1.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



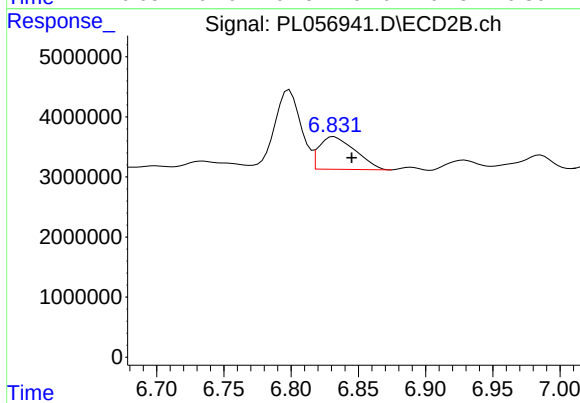
#15 Endosulfan II

R.T.: 6.929 min  
Delta R.T.: -0.002 min  
Response: 2730370  
Conc: 0.51 ng/ml



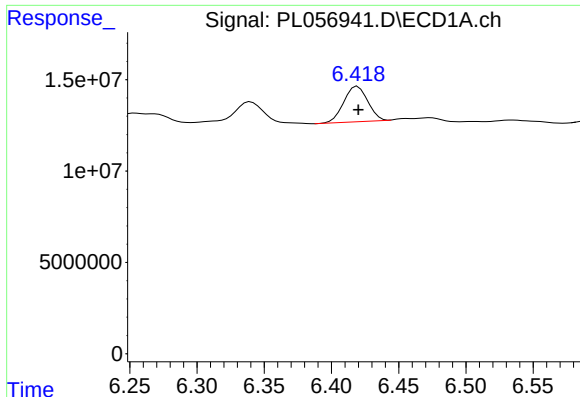
#16 4,4'-DDD

R.T.: 6.182 min  
Delta R.T.: 0.001 min  
Response: 23173575  
Conc: 1.18 ng/ml



#16 4,4'-DDD

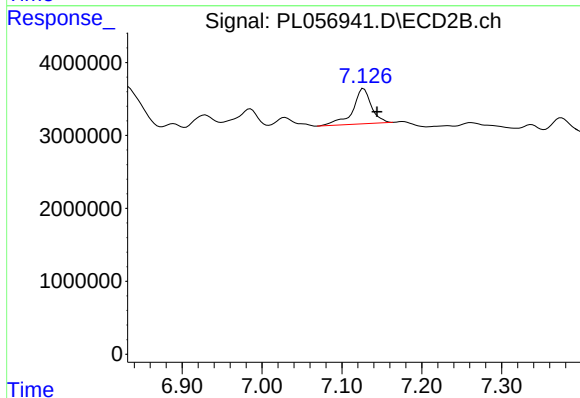
R.T.: 6.832 min  
Delta R.T.: -0.013 min  
Response: 10109169  
Conc: 2.10 ng/ml



#17 4,4'-DDT

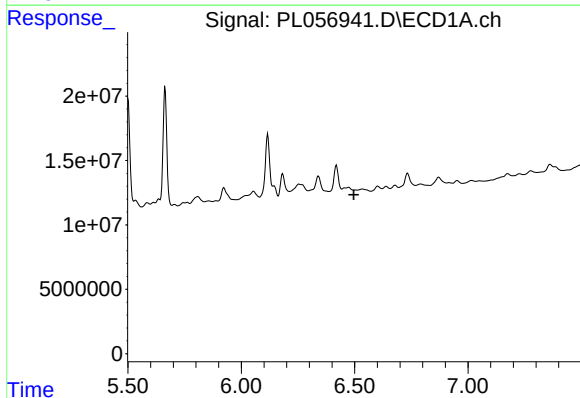
R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 24007889  
Conc: 1.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



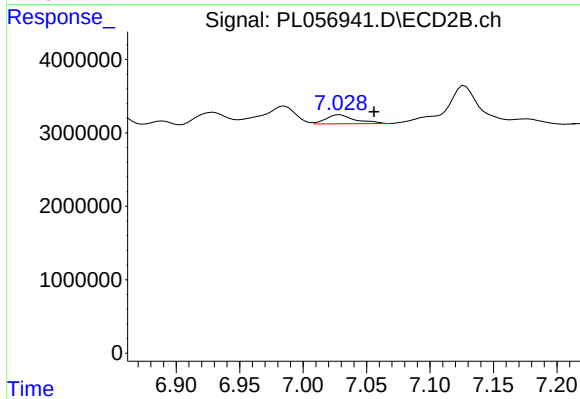
#17 4,4'-DDT

R.T.: 7.127 min  
Delta R.T.: -0.017 min  
Response: 7819335  
Conc: 1.71 ng/ml



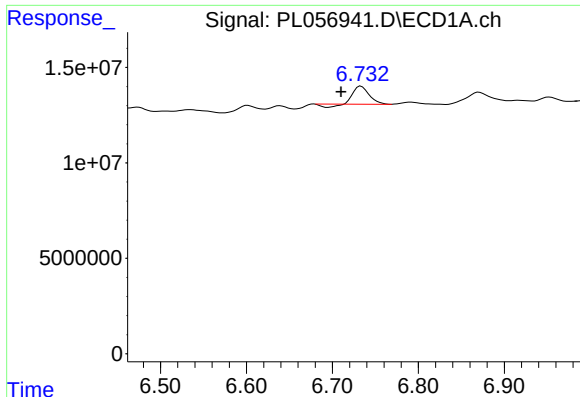
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.496 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

R.T.: 7.029 min  
Delta R.T.: -0.027 min  
Response: 1946542  
Conc: 0.44 ng/ml



#19 Endosulfan Sulfate

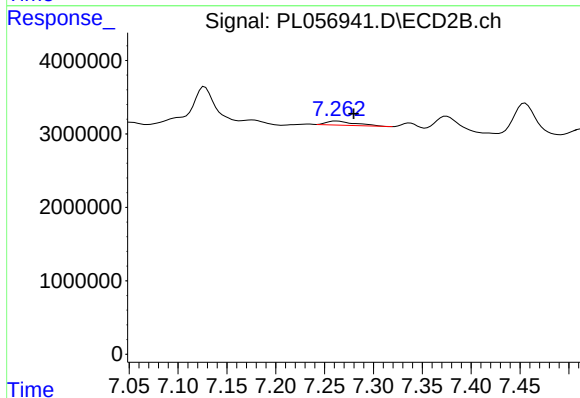
R.T.: 6.733 min

Delta R.T.: 0.024 min

Response: 10700057

Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



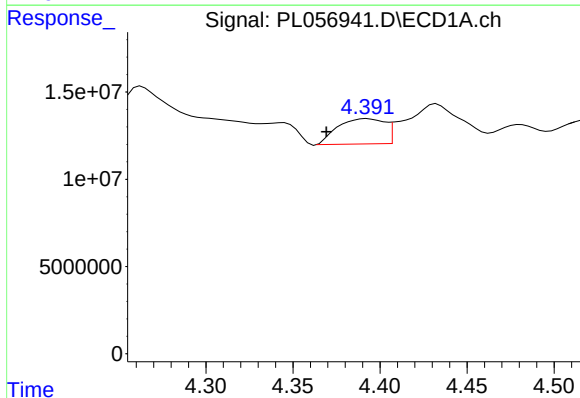
#19 Endosulfan Sulfate

R.T.: 7.262 min

Delta R.T.: -0.018 min

Response: 1137261

Conc: 0.24 ng/ml



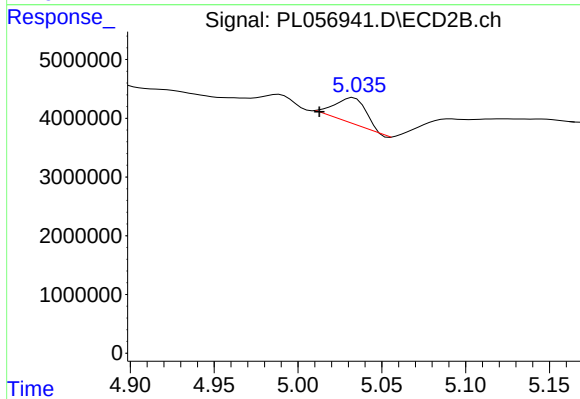
#23 Chlordane-1

R.T.: 4.393 min

Delta R.T.: 0.023 min

Response: 27292886

Conc: 39.19 ng/ml



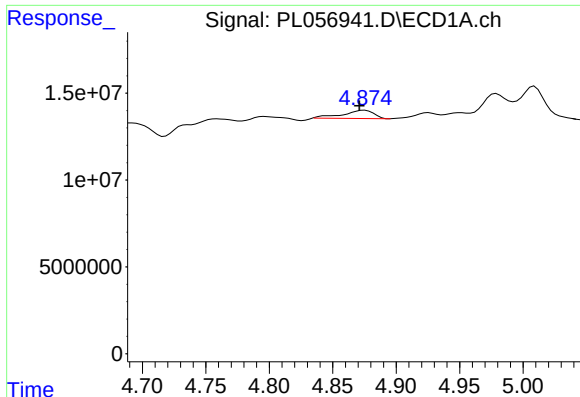
#23 Chlordane-1

R.T.: 5.033 min

Delta R.T.: 0.020 min

Response: 5660964

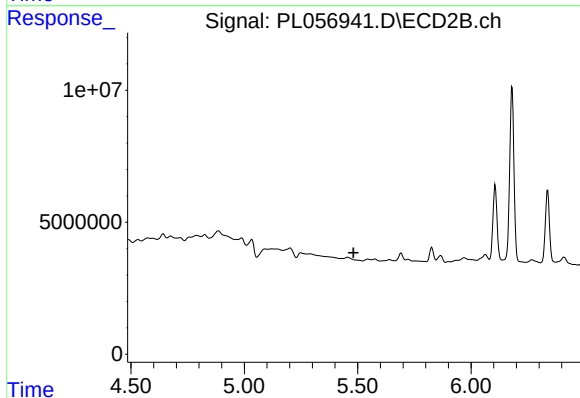
Conc: 28.56 ng/ml



#24 Chlordane-2

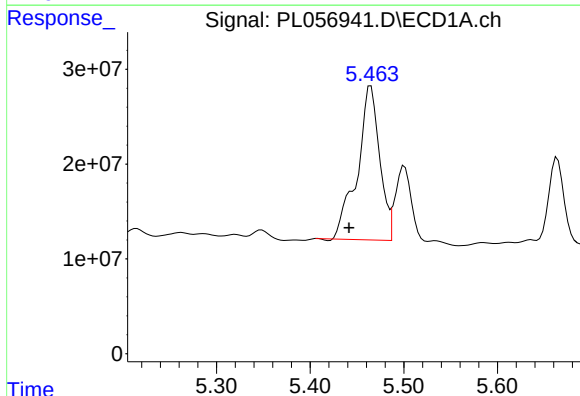
R.T.: 4.875 min  
Delta R.T.: 0.004 min  
Response: 7996612  
Conc: 10.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



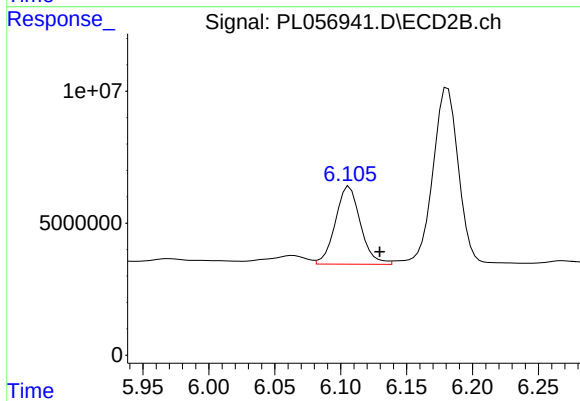
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.482 min  
Response: 0  
Conc: N.D.



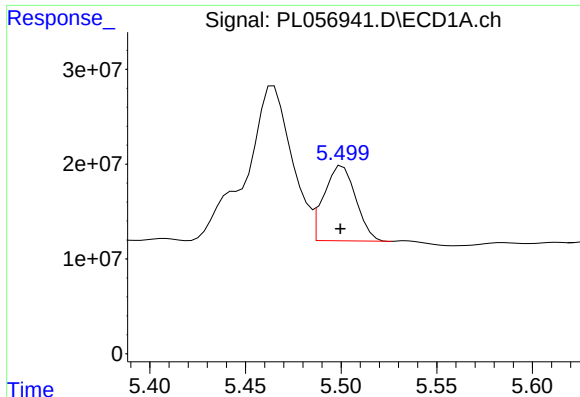
#25 Chlordane-3

R.T.: 5.465 min  
Delta R.T.: 0.023 min  
Response: 267733006  
Conc: 114.95 ng/ml



#25 Chlordane-3

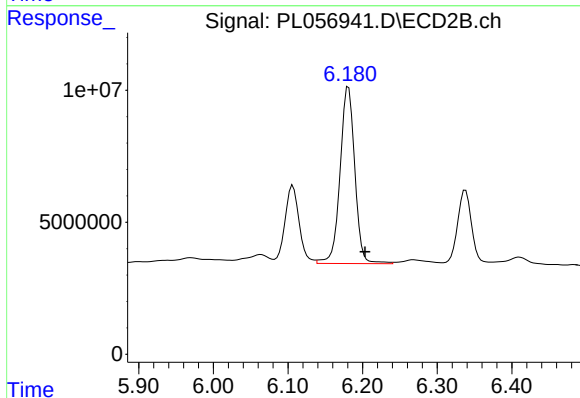
R.T.: 6.107 min  
Delta R.T.: -0.023 min  
Response: 39020401  
Conc: 51.21 ng/ml



#26 Chlordane-4

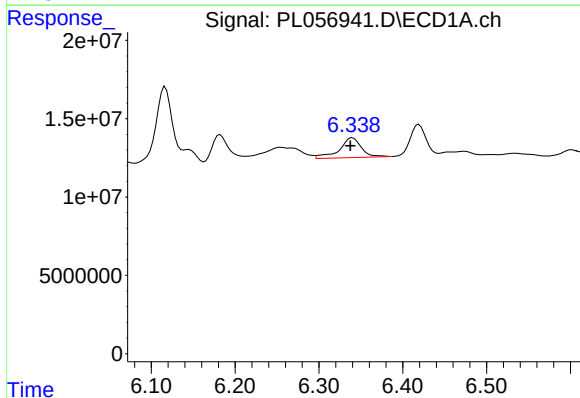
R.T.: 5.501 min  
Delta R.T.: 0.001 min  
Response: 92077269  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



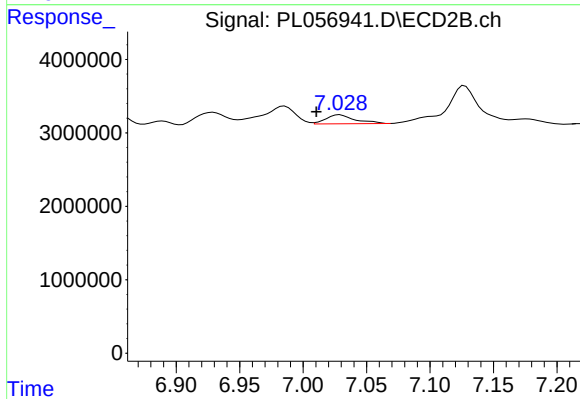
#26 Chlordane-4

R.T.: 6.181 min  
Delta R.T.: -0.022 min  
Response: 91945653  
Conc: 103.51 ng/ml



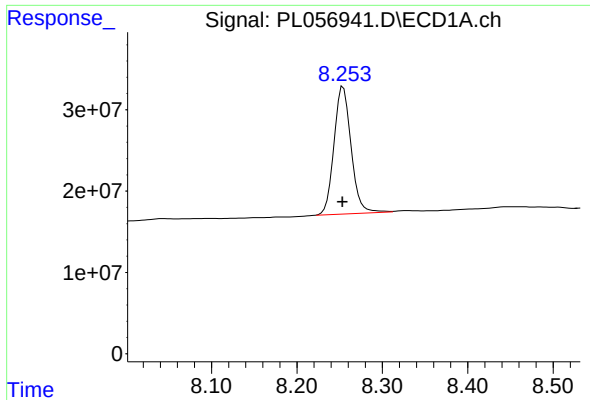
#27 Chlordane-5

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 23199911  
Conc: 28.01 ng/ml



#27 Chlordane-5

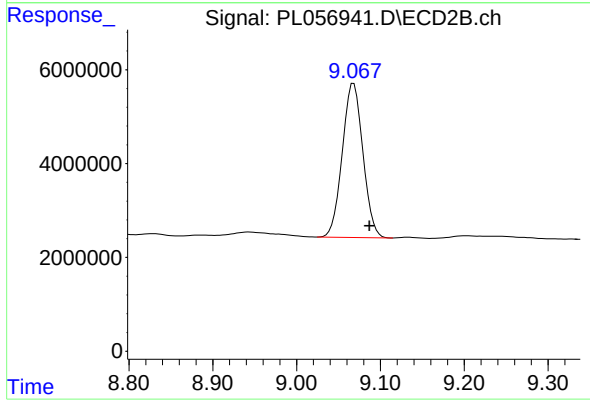
R.T.: 7.029 min  
Delta R.T.: 0.018 min  
Response: 1946542  
Conc: 11.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.254 min  
Delta R.T.: 0.000 min  
Response: 218528165  
Conc: 11.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: -0.019 min  
Response: 56220040  
Conc: 13.28 ng/ml