

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012120\  
 Data File : PL055941.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jan 2020 15:10  
 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: Jan 22 01:16:03 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 02:21:03 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... | 3.490  | 3.965  | 461.2E6 | 139.8E6  | 48.117   | 49.473     |
| 28)                         | SA Decachlor... | 8.235  | 8.952  | 499.5E6 | 108.3E6  | 47.769   | 47.271     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.927  | 4.347  | 803.6E6 | 214.8E6  | 48.427   | 50.657     |
| 3)                          | MA gamma-BHC... | 4.211  | 4.628  | 757.7E6 | 199.5E6  | 49.944   | 50.302     |
| 4)                          | MA Heptachlor   | 4.512  | 5.127  | 720.6E6 | 163.1E6  | 48.260   | 48.241     |
| 5)                          | MB Aldrin       | 4.760  | 5.427  | 732.0E6 | 170.5E6  | 50.016   | 49.744     |
| 6)                          | B beta-BHC      | 4.460  | 4.796  | 305.7E6 | 95132563 | 47.644   | 59.947 #   |
| 7)                          | B delta-BHC     | 4.665  | 5.009  | 733.8E6 | 170.2E6  | 50.066   | 56.952     |
| 8)                          | B Heptachlo...  | 5.202  | 5.808  | 690.8E6 | 154.1E6  | 50.081   | 51.587     |
| 9)                          | A Endosulfan I  | 5.540  | 6.161  | 642.6E6 | 144.0E6  | 49.526   | 49.463     |
| 10)                         | B gamma-Chl...  | 5.427  | 6.039  | 706.4E6 | 153.2E6  | 50.349   | 49.670     |
| 11)                         | B alpha-Chl...  | 5.487  | 6.111  | 689.0E6 | 152.5E6  | 49.839   | 49.381     |
| 12)                         | B 4,4'-DDE      | 5.649  | 6.266  | 664.8E6 | 145.4E6  | 50.897   | 49.643     |
| 13)                         | MA Dieldrin     | 5.783  | 6.414  | 702.5E6 | 149.6E6  | 50.789   | 49.514     |
| 14)                         | MA Endrin       | 6.040  | 6.630  | 562.9E6 | 112.5E6  | 44.559   | 44.408     |
| 15)                         | B Endosulfa...  | 6.311  | 6.837  | 588.3E6 | 128.7E6  | 52.678   | 47.979     |
| 16)                         | A 4,4'-DDD      | 6.163  | 6.751  | 533.5E6 | 117.9E6  | 53.580   | 51.151     |
| 17)                         | MA 4,4'-DDT     | 6.403  | 7.046  | 500.0E6 | 104.3E6  | 49.407   | 46.197     |
| 18)                         | B Endrin al...  | 6.479  | 6.961  | 518.0E6 | 111.7E6  | 49.847   | 49.463     |
| 19)                         | B Endosulfa...  | 6.692  | 7.181  | 549.4E6 | 119.6E6  | 50.803   | 48.310     |
| 20)                         | A Methoxychlor  | 6.947  | 7.500  | 246.8E6 | 54875155 | 47.302   | 45.990     |
| 21)                         | B Endrin ke...  | 7.182  | 7.647  | 645.7E6 | 134.6E6  | 51.290   | 50.986     |
| 22)                         | Mirex           | 7.372  | 8.097  | 395.3E6 | 88140692 | 56.282   | 48.305     |
| 23)                         | Chlordane-1     | 4.389f | 0.000  | 4211726 | 0        | 11.487   | N.D. #     |
| 24)                         | Chlordane-2     | 4.865  | 5.427f | 6233067 | 170.5E6  | 14.404   | 1546.684 # |
| 25)                         | Chlordane-3     | 5.427  | 6.039  | 706.4E6 | 153.2E6  | 567.229  | 385.901 #  |
| 26)                         | Chlordane-4     | 5.487  | 6.111  | 689.0E6 | 152.5E6  | 668.178  | 324.794 #  |
| 27)                         | Chlordane-5     | 6.311  | 0.000  | 588.3E6 | 0        | 1504.084 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

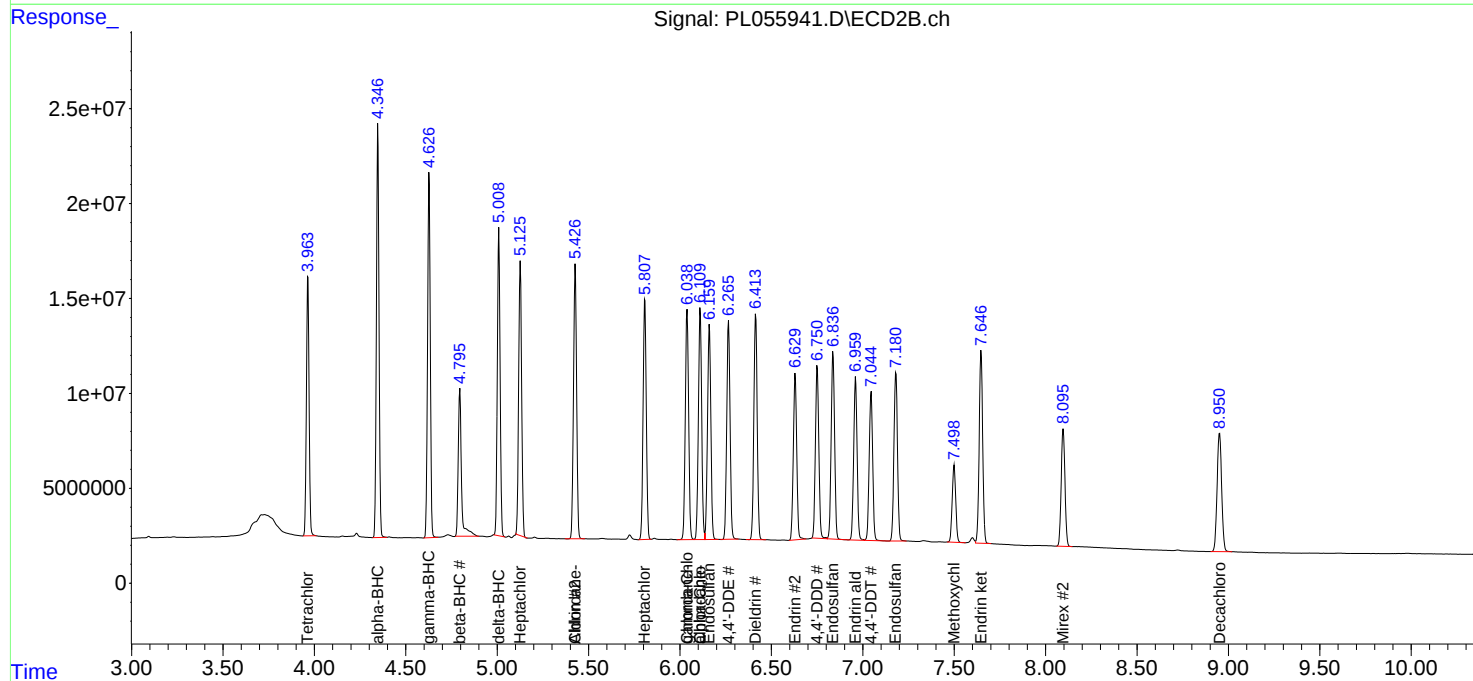
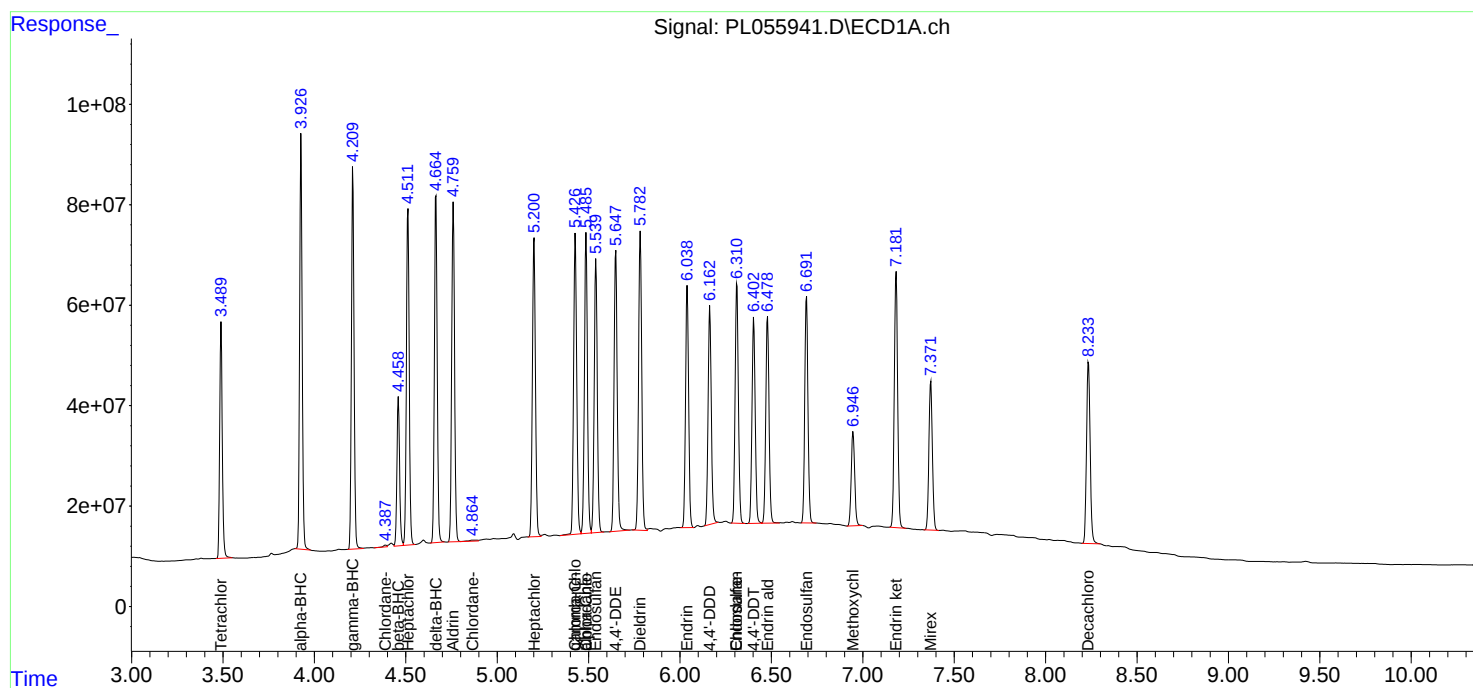
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

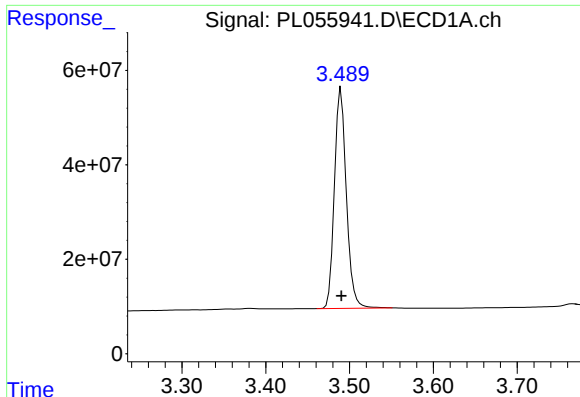
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012120\  
Data File : PL055941.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jan 2020 15:10  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 22 01:16:03 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012020.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 02:21:03 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

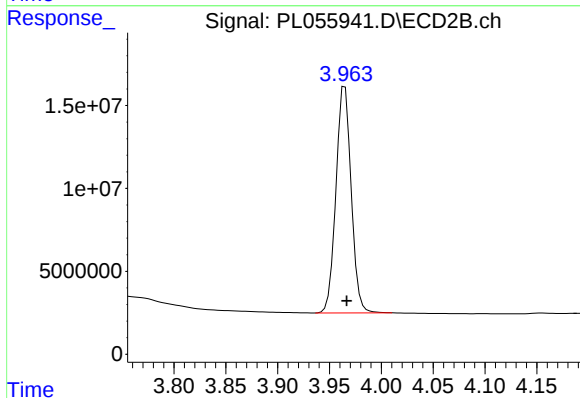




#1 Tetrachloro-m-xylene

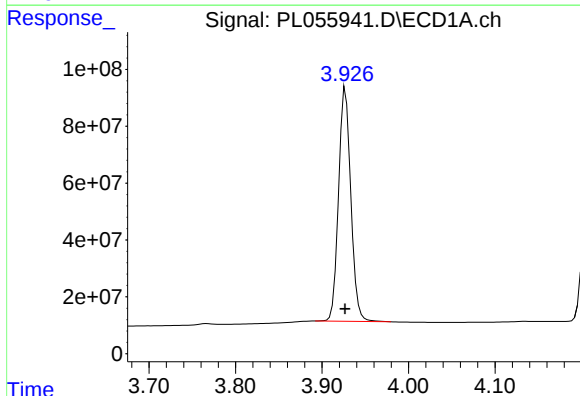
R.T.: 3.490 min  
Delta R.T.: 0.000 min  
Response: 461180458  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



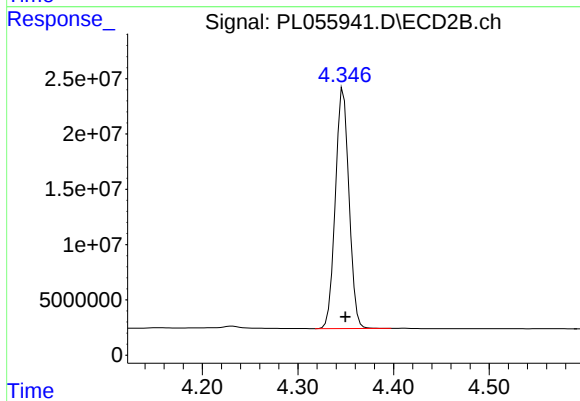
#1 Tetrachloro-m-xylene

R.T.: 3.965 min  
Delta R.T.: -0.002 min  
Response: 139822134  
Conc: 49.47 ng/ml



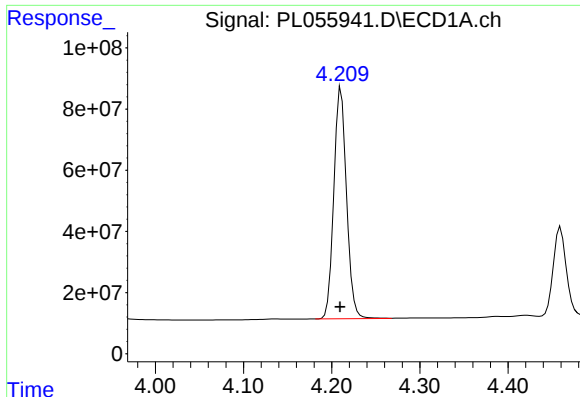
#2 alpha-BHC

R.T.: 3.927 min  
Delta R.T.: 0.000 min  
Response: 803557810  
Conc: 48.43 ng/ml



#2 alpha-BHC

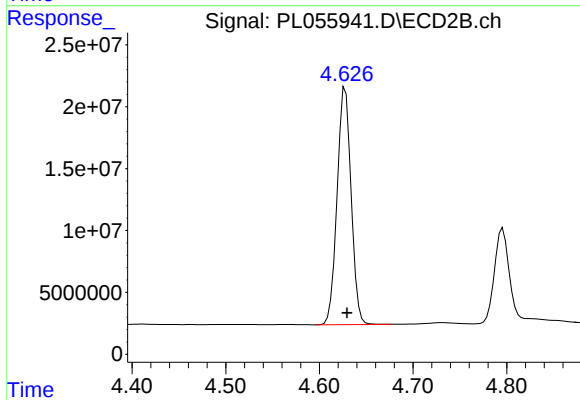
R.T.: 4.347 min  
Delta R.T.: -0.002 min  
Response: 214826251  
Conc: 50.66 ng/ml



#3 gamma-BHC (Lindane)

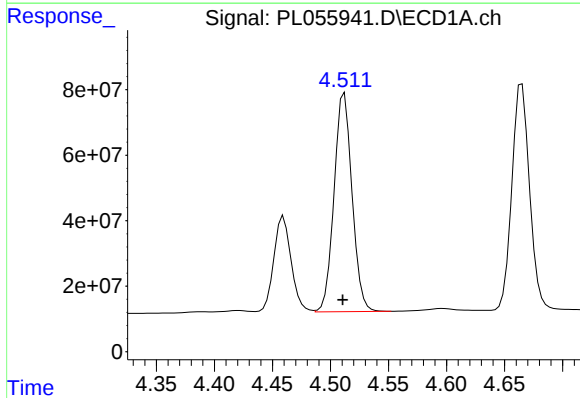
R.T.: 4.211 min  
Delta R.T.: 0.001 min  
Response: 757692780  
Conc: 49.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



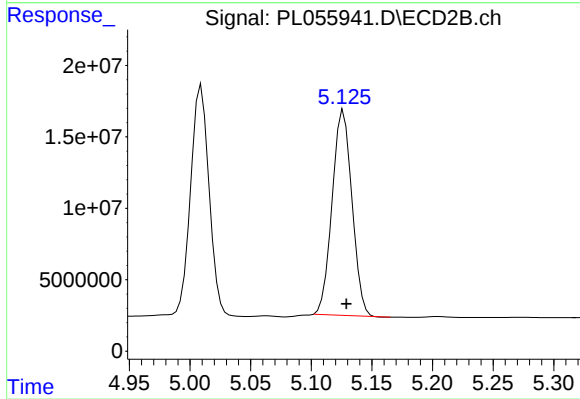
#3 gamma-BHC (Lindane)

R.T.: 4.628 min  
Delta R.T.: -0.002 min  
Response: 199540473  
Conc: 50.30 ng/ml



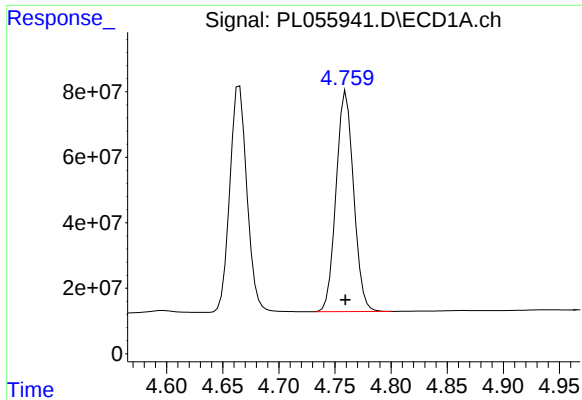
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: 0.001 min  
Response: 720640866  
Conc: 48.26 ng/ml



#4 Heptachlor

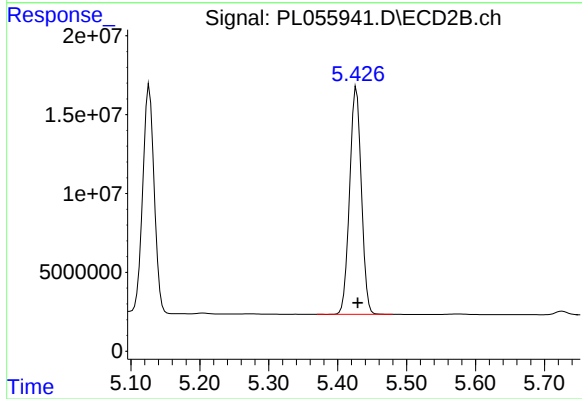
R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 163120060  
Conc: 48.24 ng/ml



#5 Aldrin

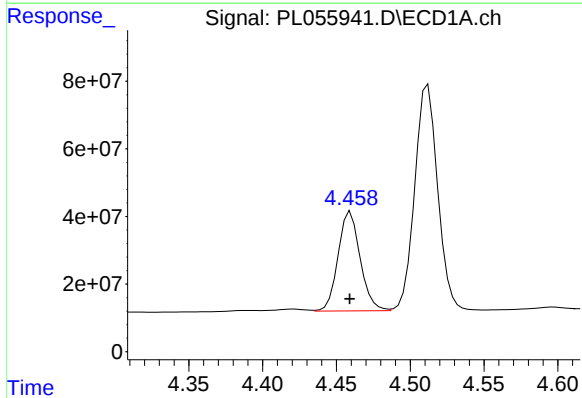
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 732031877  
Conc: 50.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



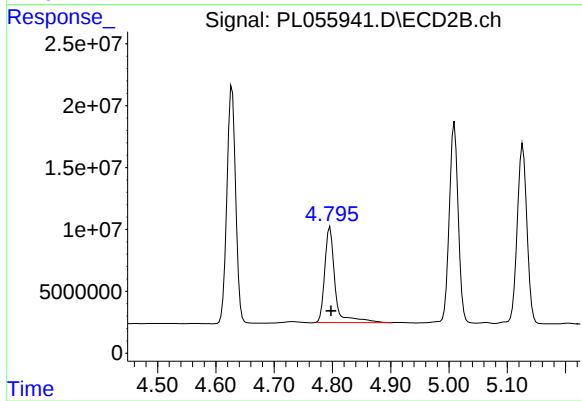
#5 Aldrin

R.T.: 5.427 min  
Delta R.T.: -0.002 min  
Response: 170516396  
Conc: 49.74 ng/ml



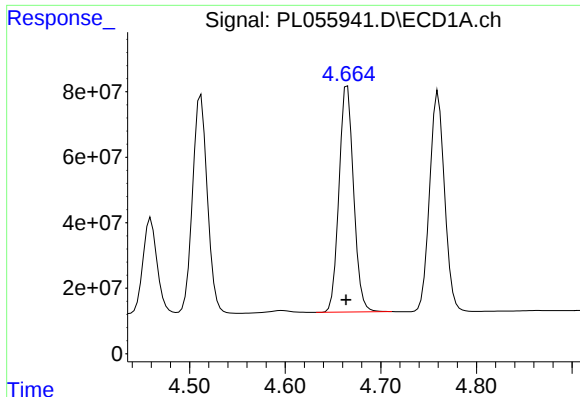
#6 beta-BHC

R.T.: 4.460 min  
Delta R.T.: 0.000 min  
Response: 305748149  
Conc: 47.64 ng/ml



#6 beta-BHC

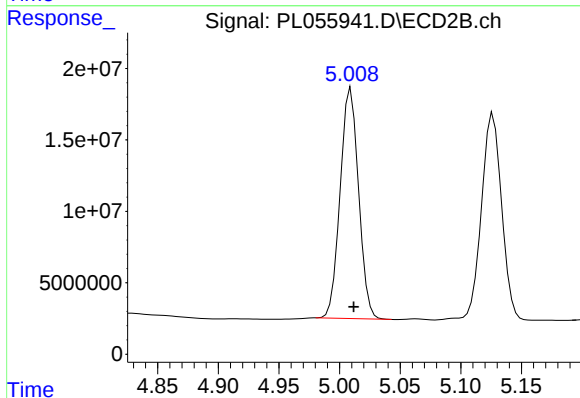
R.T.: 4.796 min  
Delta R.T.: -0.002 min  
Response: 95132563  
Conc: 59.95 ng/ml



#7 delta-BHC

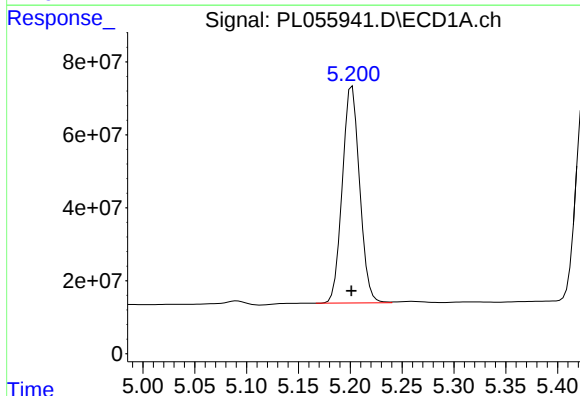
R.T.: 4.665 min  
Delta R.T.: 0.001 min  
Response: 733820152  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



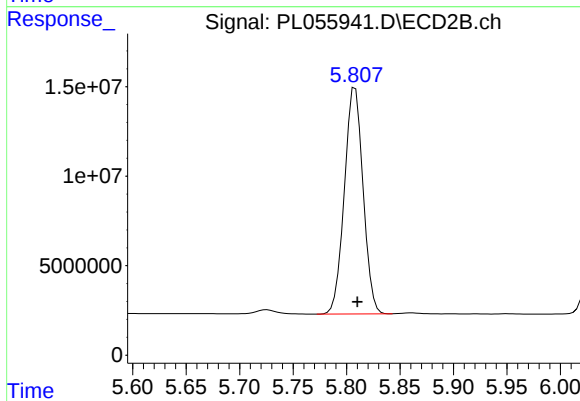
#7 delta-BHC

R.T.: 5.009 min  
Delta R.T.: -0.002 min  
Response: 170164469  
Conc: 56.95 ng/ml



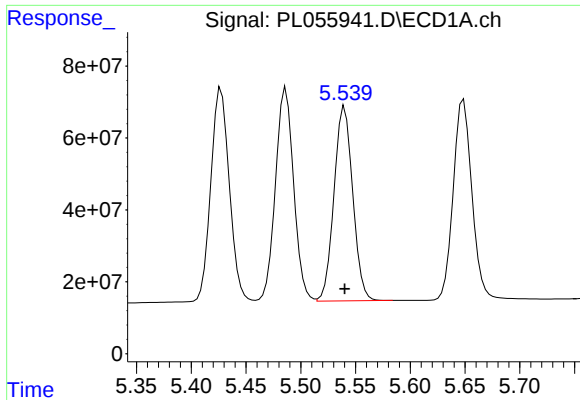
#8 Heptachlor epoxide

R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 690811846  
Conc: 50.08 ng/ml



#8 Heptachlor epoxide

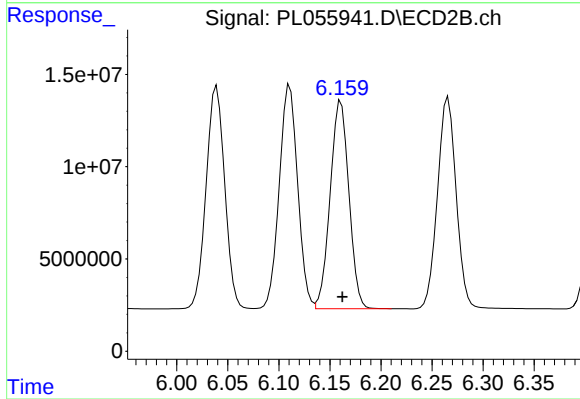
R.T.: 5.808 min  
Delta R.T.: -0.002 min  
Response: 154144599  
Conc: 51.59 ng/ml



#9 Endosulfan I

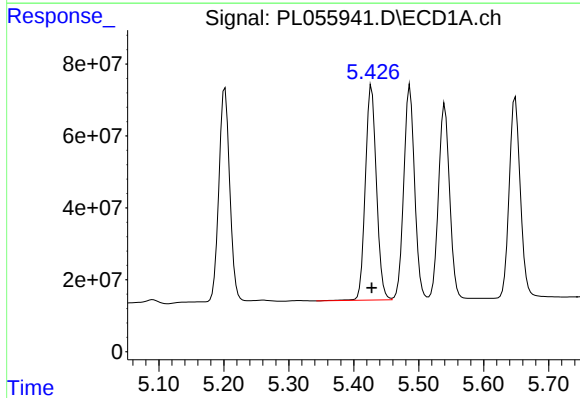
R.T.: 5.540 min  
Delta R.T.: 0.000 min  
Response: 642590609  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



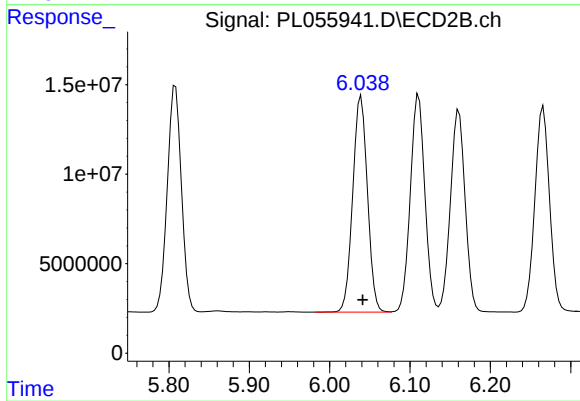
#9 Endosulfan I

R.T.: 6.161 min  
Delta R.T.: -0.001 min  
Response: 144025430  
Conc: 49.46 ng/ml



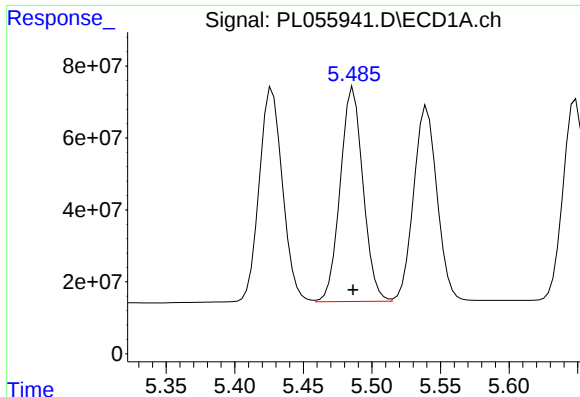
#10 gamma-Chlordane

R.T.: 5.427 min  
Delta R.T.: 0.000 min  
Response: 706365303  
Conc: 50.35 ng/ml



#10 gamma-Chlordane

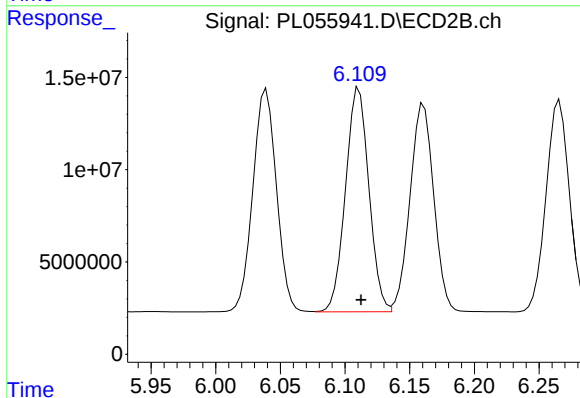
R.T.: 6.039 min  
Delta R.T.: -0.002 min  
Response: 153170789  
Conc: 49.67 ng/ml



#11 alpha-Chlordane

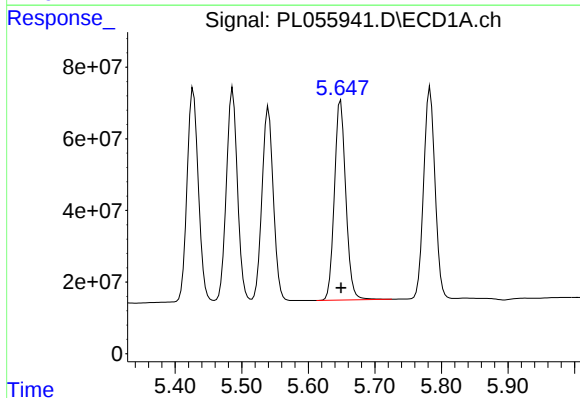
R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 688990091  
Conc: 49.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



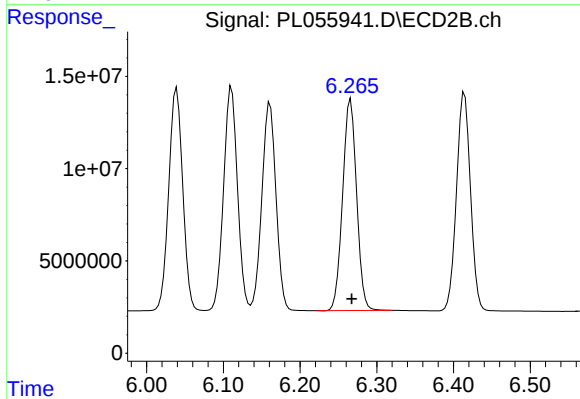
#11 alpha-Chlordane

R.T.: 6.111 min  
Delta R.T.: -0.001 min  
Response: 152466273  
Conc: 49.38 ng/ml



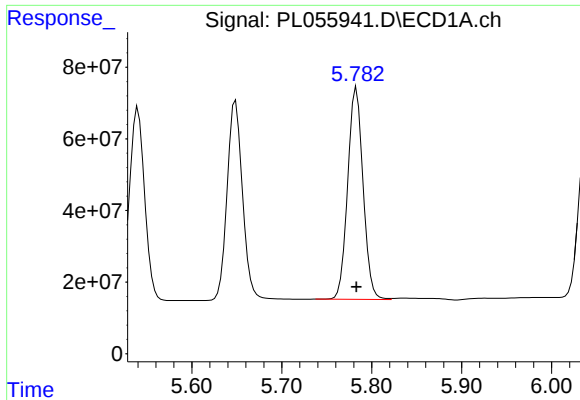
#12 4,4'-DDE

R.T.: 5.649 min  
Delta R.T.: 0.000 min  
Response: 664784255  
Conc: 50.90 ng/ml



#12 4,4'-DDE

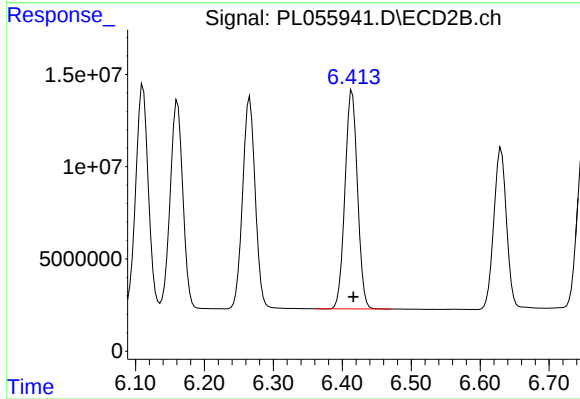
R.T.: 6.266 min  
Delta R.T.: -0.001 min  
Response: 145381932  
Conc: 49.64 ng/ml



#13 Dieldrin

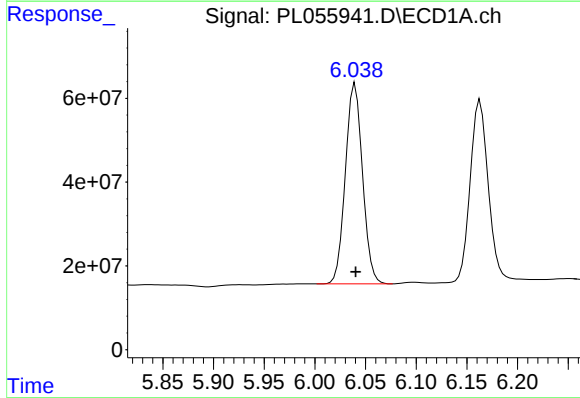
R.T.: 5.783 min  
Delta R.T.: 0.000 min  
Response: 702520342  
Conc: 50.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



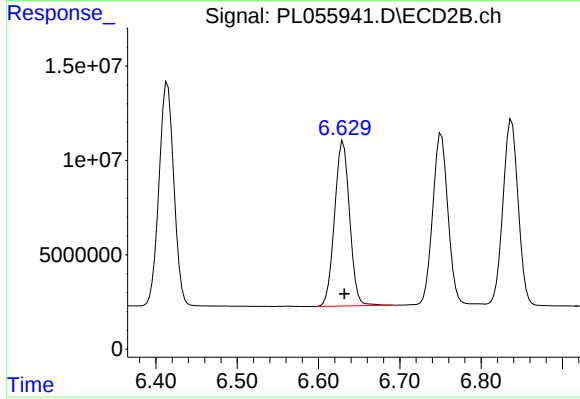
#13 Dieldrin

R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 149639669  
Conc: 49.51 ng/ml



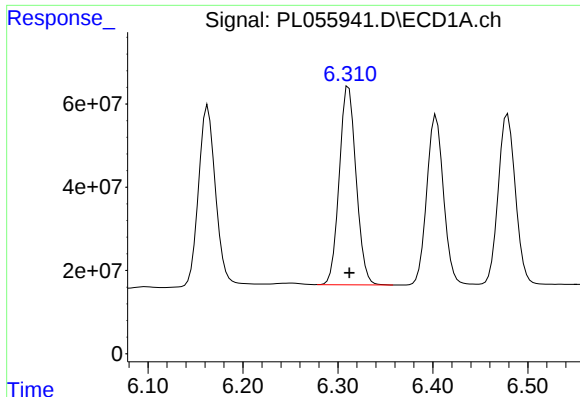
#14 Endrin

R.T.: 6.040 min  
Delta R.T.: 0.000 min  
Response: 562941711  
Conc: 44.56 ng/ml



#14 Endrin

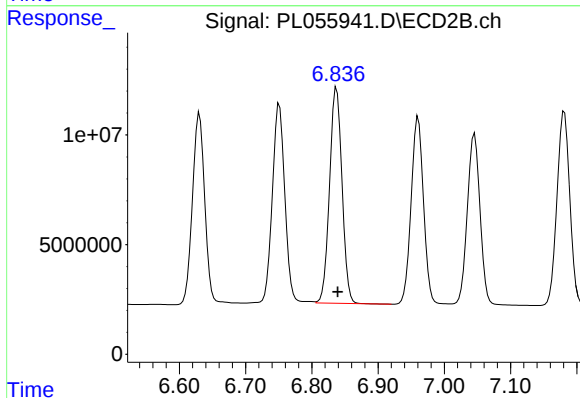
R.T.: 6.630 min  
Delta R.T.: -0.001 min  
Response: 112518492  
Conc: 44.41 ng/ml



#15 Endosulfan II

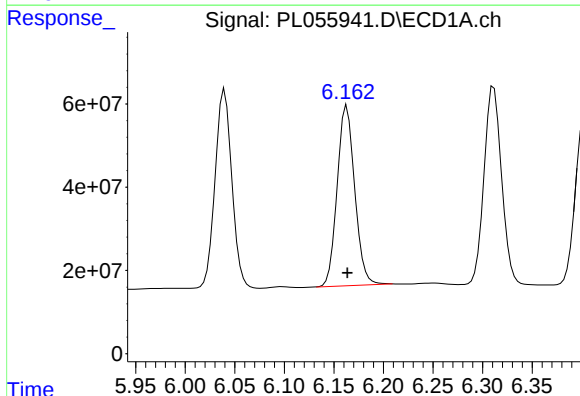
R.T.: 6.311 min  
Delta R.T.: -0.001 min  
Response: 588270115  
Conc: 52.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



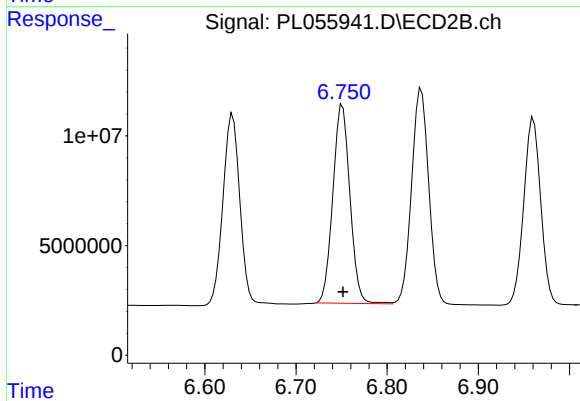
#15 Endosulfan II

R.T.: 6.837 min  
Delta R.T.: -0.002 min  
Response: 128670112  
Conc: 47.98 ng/ml



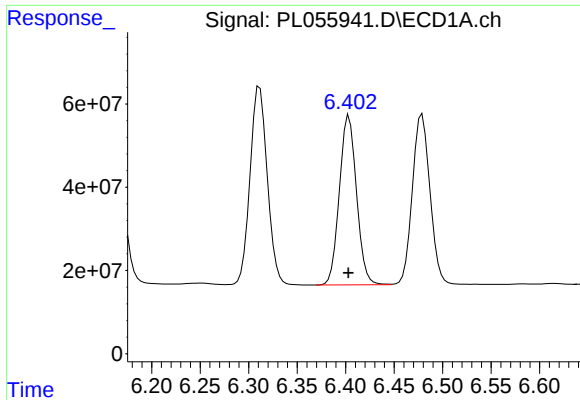
#16 4,4'-DDD

R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 533523850  
Conc: 53.58 ng/ml



#16 4,4'-DDD

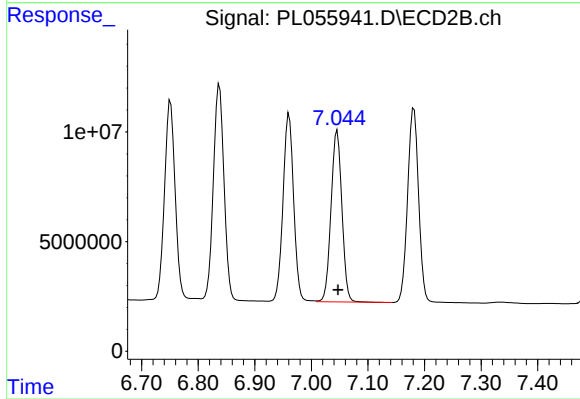
R.T.: 6.751 min  
Delta R.T.: 0.000 min  
Response: 117921939  
Conc: 51.15 ng/ml



#17 4,4'-DDT

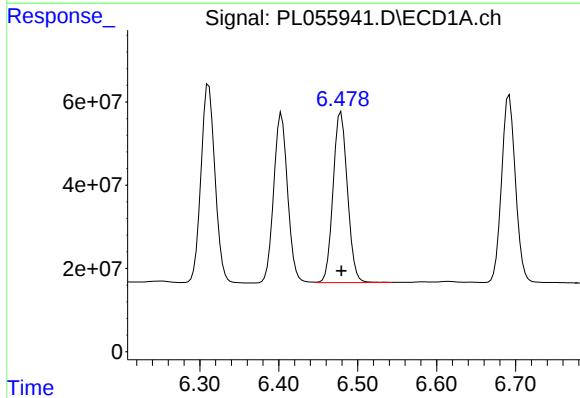
R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 500046515  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



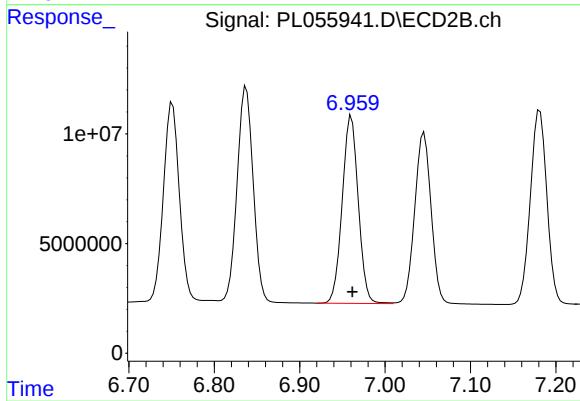
#17 4,4'-DDT

R.T.: 7.046 min  
Delta R.T.: -0.002 min  
Response: 104303596  
Conc: 46.20 ng/ml



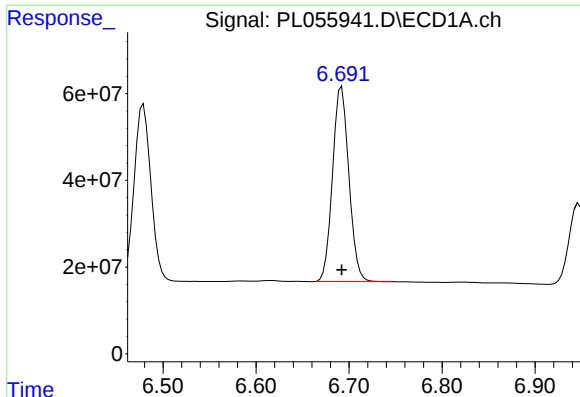
#18 Endrin aldehyde

R.T.: 6.479 min  
Delta R.T.: 0.000 min  
Response: 518044265  
Conc: 49.85 ng/ml



#18 Endrin aldehyde

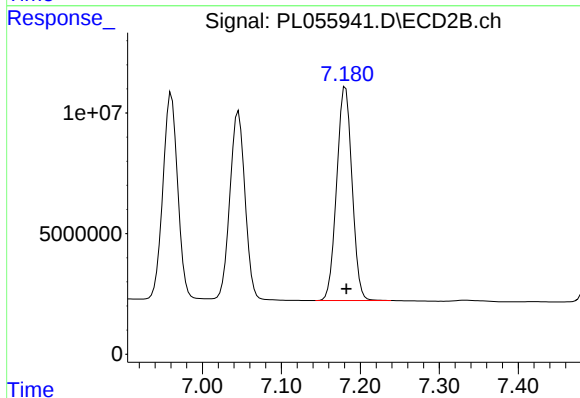
R.T.: 6.961 min  
Delta R.T.: -0.001 min  
Response: 111660385  
Conc: 49.46 ng/ml



#19 Endosulfan Sulfate

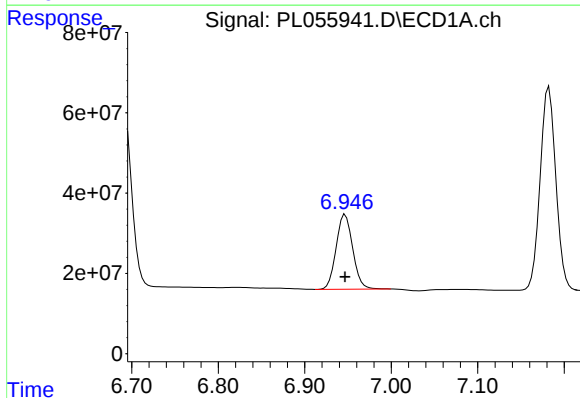
R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 549431398  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



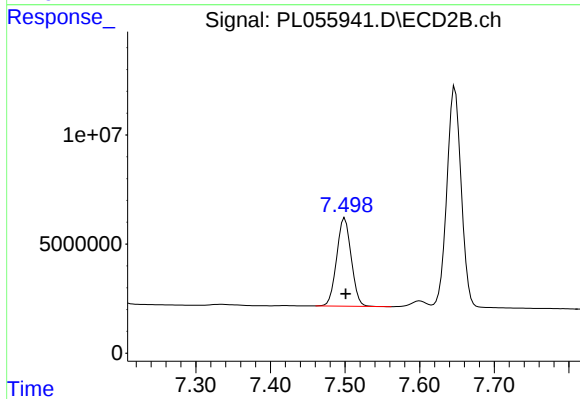
#19 Endosulfan Sulfate

R.T.: 7.181 min  
Delta R.T.: -0.001 min  
Response: 119596184  
Conc: 48.31 ng/ml



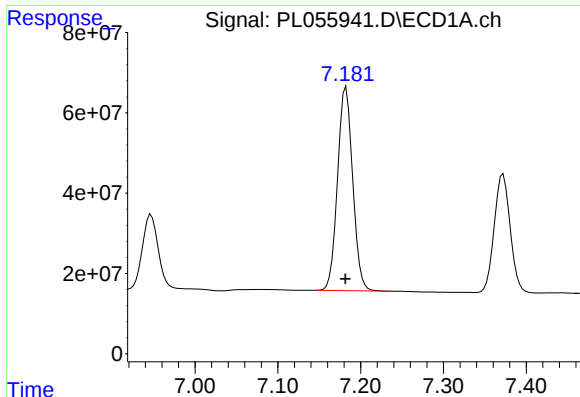
#20 Methoxychlor

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 246840056  
Conc: 47.30 ng/ml



#20 Methoxychlor

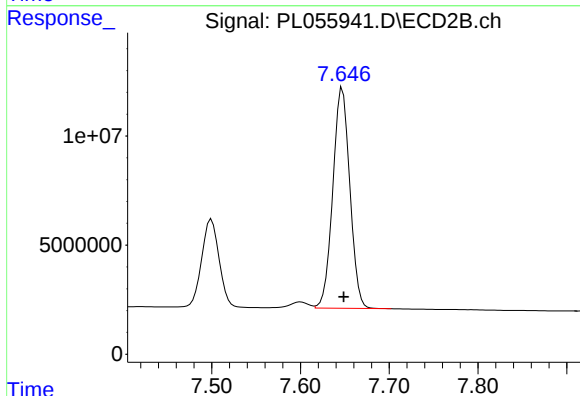
R.T.: 7.500 min  
Delta R.T.: -0.001 min  
Response: 54875155  
Conc: 45.99 ng/ml



#21 Endrin ketone

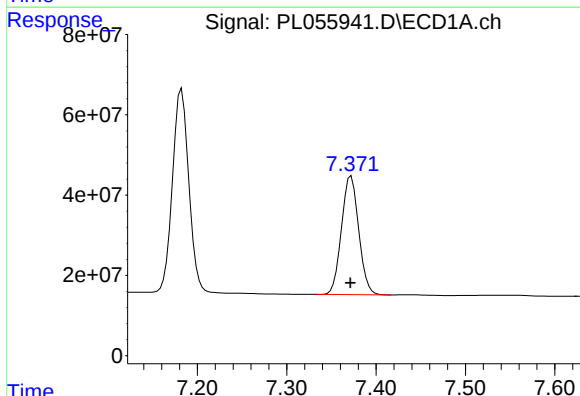
R.T.: 7.182 min  
Delta R.T.: 0.000 min  
Response: 645697047  
Conc: 51.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



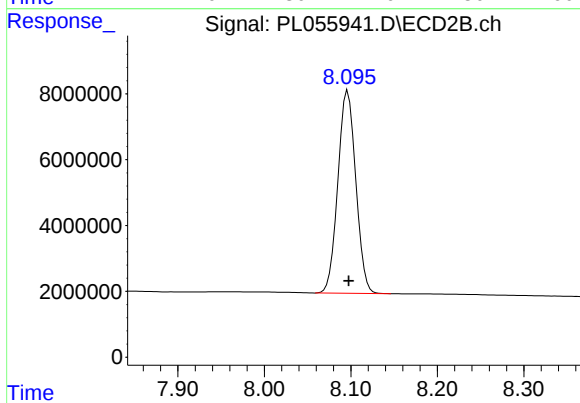
#21 Endrin ketone

R.T.: 7.647 min  
Delta R.T.: -0.001 min  
Response: 134636769  
Conc: 50.99 ng/ml



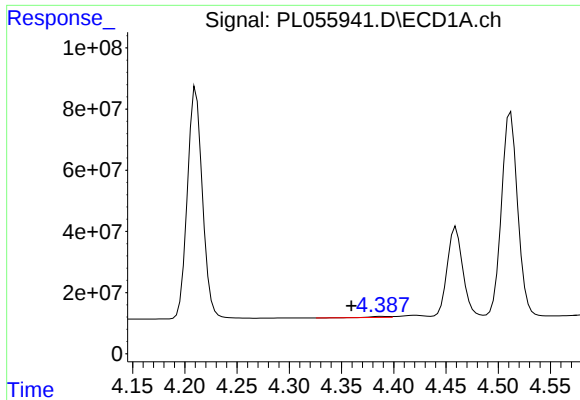
#22 Mirex

R.T.: 7.372 min  
Delta R.T.: 0.000 min  
Response: 395290720  
Conc: 56.28 ng/ml



#22 Mirex

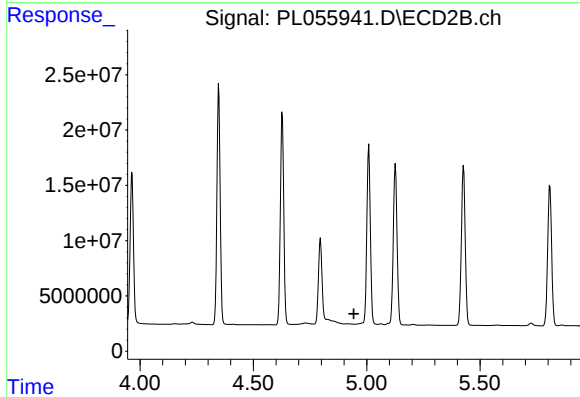
R.T.: 8.097 min  
Delta R.T.: -0.001 min  
Response: 88140692  
Conc: 48.30 ng/ml



#23 Chlordane-1

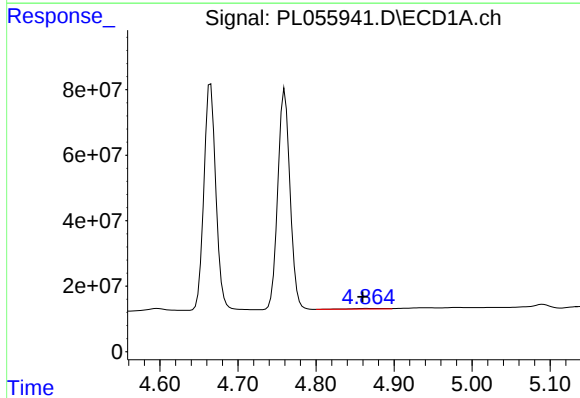
R.T.: 4.389 min  
Delta R.T.: 0.029 min  
Response: 4211726  
Conc: 11.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



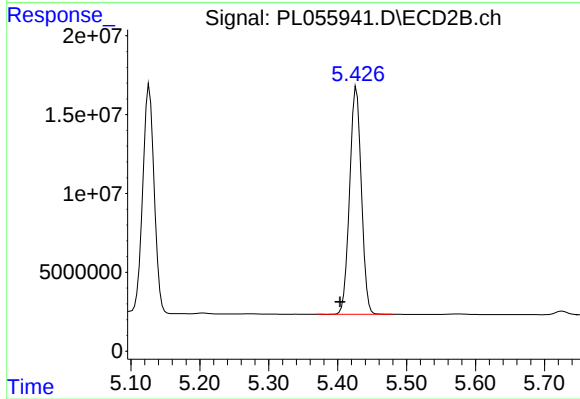
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.943 min  
Response: 0  
Conc: N.D.



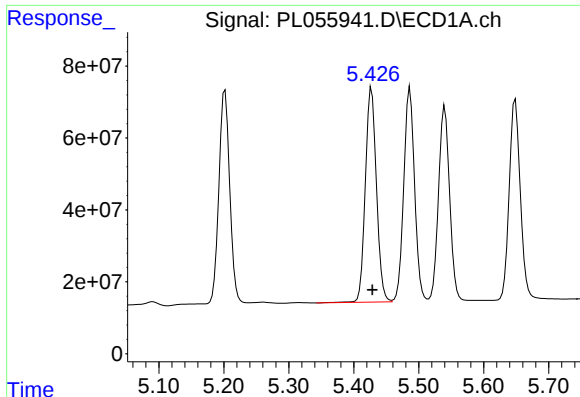
#24 Chlordane-2

R.T.: 4.865 min  
Delta R.T.: 0.005 min  
Response: 6233067  
Conc: 14.40 ng/ml



#24 Chlordane-2

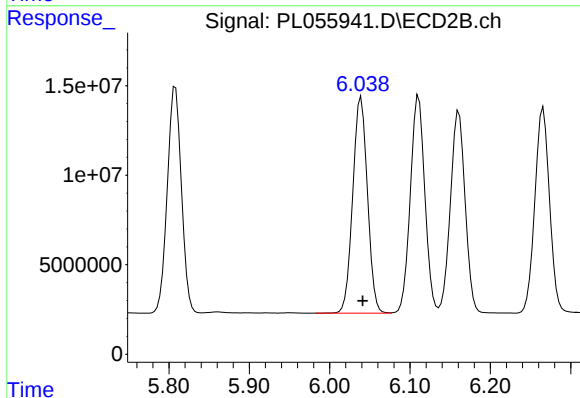
R.T.: 5.427 min  
Delta R.T.: 0.024 min  
Response: 170516396  
Conc: 1546.68 ng/ml



#25 Chlordane-3

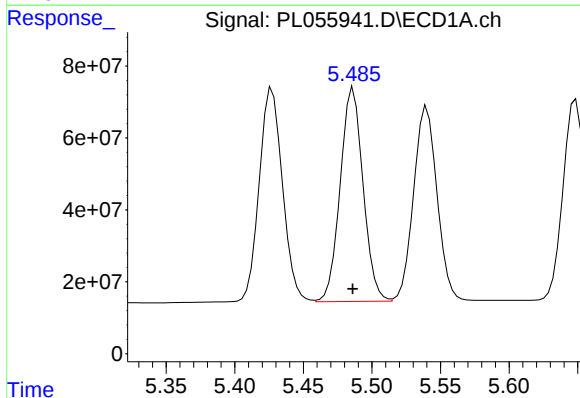
R.T.: 5.427 min  
Delta R.T.: -0.001 min  
Response: 706365303  
Conc: 567.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



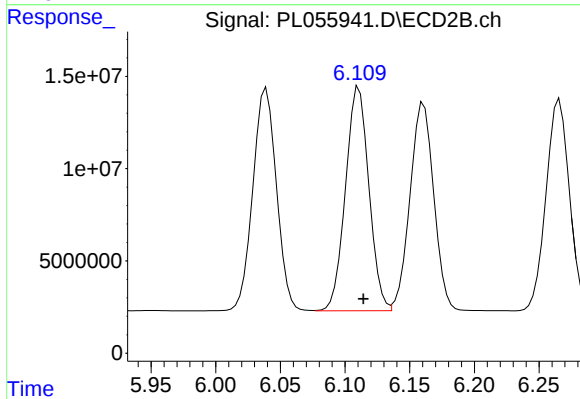
#25 Chlordane-3

R.T.: 6.039 min  
Delta R.T.: -0.002 min  
Response: 153170789  
Conc: 385.90 ng/ml



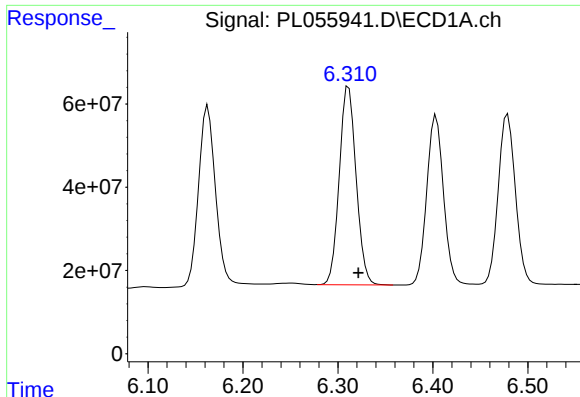
#26 Chlordane-4

R.T.: 5.487 min  
Delta R.T.: 0.000 min  
Response: 688990091  
Conc: 668.18 ng/ml



#26 Chlordane-4

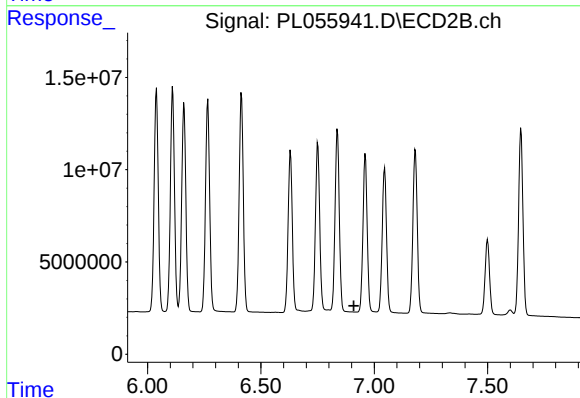
R.T.: 6.111 min  
Delta R.T.: -0.003 min  
Response: 152466273  
Conc: 324.79 ng/ml



#27 Chlordane-5

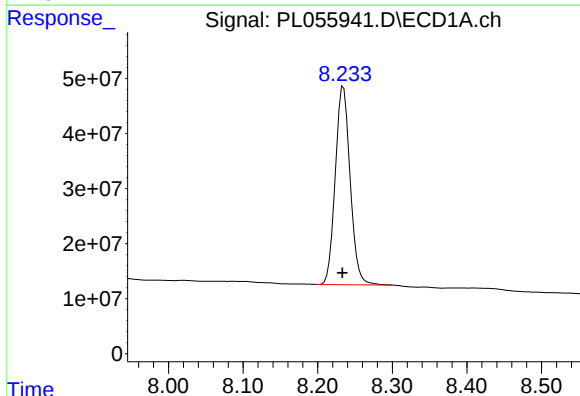
R.T.: 6.311 min  
Delta R.T.: -0.010 min  
Response: 588270115  
Conc: 1504.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



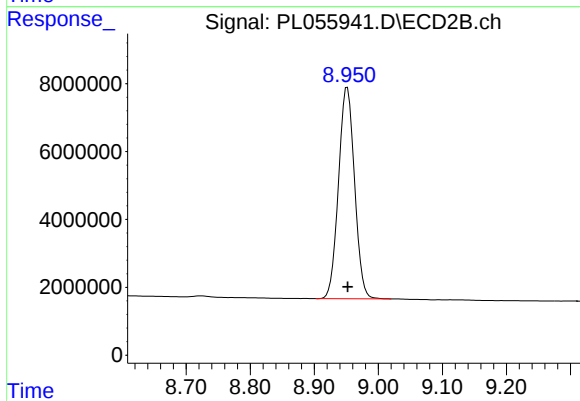
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.910 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.235 min  
Delta R.T.: 0.001 min  
Response: 499456643  
Conc: 47.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.952 min  
Delta R.T.: 0.000 min  
Response: 108295899  
Conc: 47.27 ng/ml