

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042320\  
 Data File : PL058350.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2020 19:36  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 00:57:16 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.455  | 3.955  | 486.9E6 | 101.2E6  | 48.297   | 46.626     |
| 28)                         | SA Decachlor... | 8.201  | 8.975  | 472.1E6 | 92335407 | 45.798   | 41.336     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.892  | 4.342  | 843.7E6 | 159.9E6  | 48.570   | 48.688     |
| 3)                          | MA gamma-BHC... | 4.175  | 4.624  | 791.7E6 | 159.6E6  | 54.471   | 49.123     |
| 4)                          | MA Heptachlor   | 4.475  | 5.126  | 808.5E6 | 164.5E6  | 50.435   | 49.027     |
| 5)                          | MB Aldrin       | 4.723  | 5.427  | 771.8E6 | 157.6E6  | 52.412   | 48.684     |
| 6)                          | B beta-BHC      | 4.428  | 4.798  | 322.2E6 | 69360277 | 51.020   | 49.950     |
| 7)                          | B delta-BHC     | 4.631  | 5.012  | 790.7E6 | 150.4E6  | 52.101   | 59.734     |
| 8)                          | B Heptachlo...  | 5.166  | 5.812  | 694.9E6 | 153.7E6  | 51.704   | 56.937     |
| 9)                          | A Endosulfan I  | 5.504  | 6.166  | 637.7E6 | 141.3E6  | 52.029   | 47.391     |
| 10)                         | B gamma-Chl...  | 5.393  | 6.045  | 702.5E6 | 155.2E6  | 51.725   | 47.888     |
| 11)                         | B alpha-Chl...  | 5.451  | 6.117  | 685.4E6 | 155.0E6  | 51.473   | 47.381     |
| 12)                         | B 4,4'-DDE      | 5.615  | 6.276  | 677.6E6 | 140.0E6  | 51.725   | 47.283     |
| 13)                         | MA Dieldrin     | 5.747  | 6.422  | 678.4E6 | 145.3E6  | 52.145   | 47.543     |
| 14)                         | MA Endrin       | 6.004  | 6.638  | 557.9E6 | 111.4E6  | 47.796   | 44.568     |
| 15)                         | B Endosulfa...  | 6.278  | 6.848  | 563.0E6 | 117.7E6  | 50.892   | 45.371     |
| 16)                         | A 4,4'-DDD      | 6.130  | 6.765  | 537.3E6 | 108.6E6  | 53.758   | 47.604     |
| 17)                         | MA 4,4'-DDT     | 6.370  | 7.061  | 512.5E6 | 101.9E6  | 50.492   | 45.762     |
| 18)                         | B Endrin al...  | 6.446  | 6.973  | 465.1E6 | 99956841 | 49.745   | 44.992     |
| 19)                         | B Endosulfa...  | 6.659  | 7.196  | 516.1E6 | 107.5E6  | 50.797   | 45.294     |
| 20)                         | A Methoxychlor  | 6.915  | 7.521  | 252.9E6 | 54707964 | 45.882   | 43.009     |
| 21)                         | B Endrin ke...  | 7.148  | 7.663  | 575.3E6 | 117.2E6  | 51.680   | 47.407     |
| 22)                         | Mirex           | 7.335  | 8.112  | 379.1E6 | 83573421 | 46.242   | 45.454     |
| 23)                         | Chlordane-1     | 4.352f | 0.000  | 3796087 | 0        | 10.264   | N.D. #     |
| 24)                         | Chlordane-2     | 4.828  | 5.427f | 1359006 | 157.6E6  | 3.366    | 1510.647 # |
| 25)                         | Chlordane-3     | 5.393  | 6.045  | 702.5E6 | 155.2E6  | 574.576  | 358.590 #  |
| 26)                         | Chlordane-4     | 5.451  | 6.117  | 685.4E6 | 155.0E6  | 658.904  | 295.360 #  |
| 27)                         | Chlordane-5     | 6.278  | 0.000  | 563.0E6 | 0        | 1488.272 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

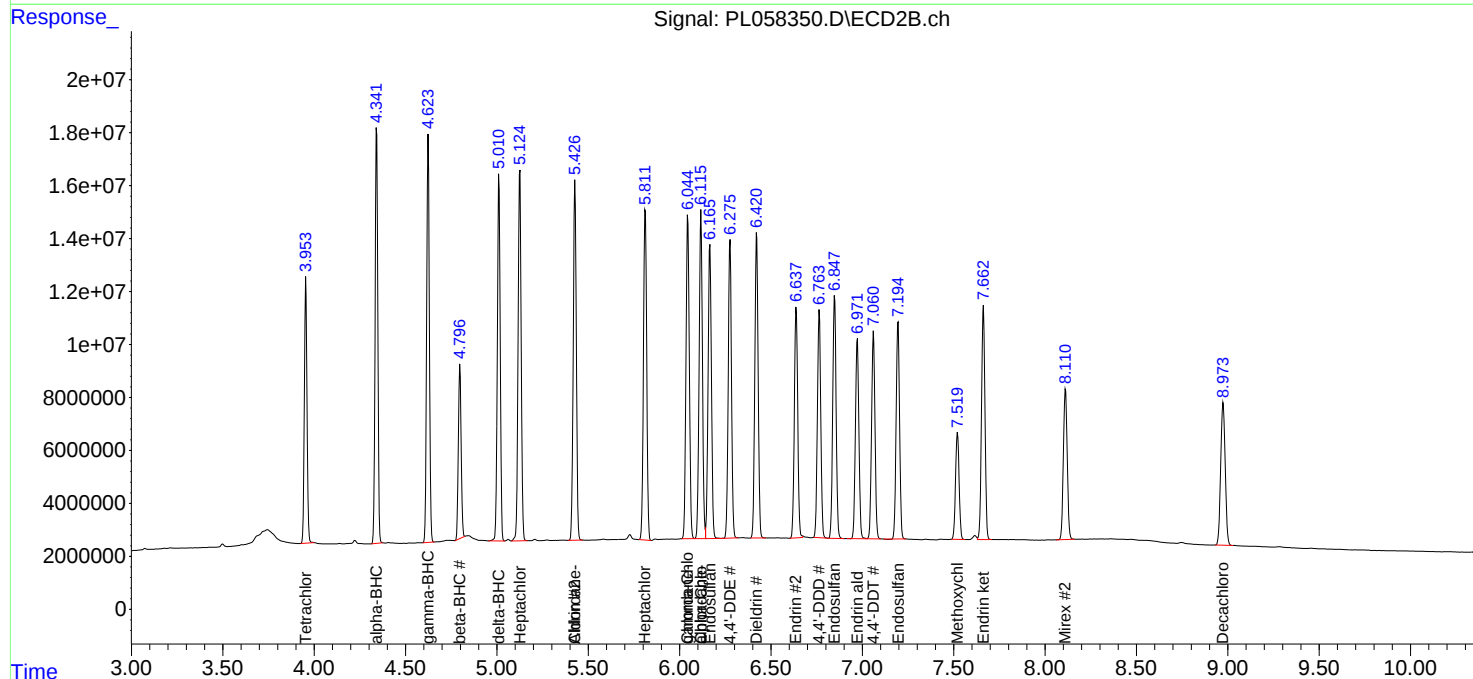
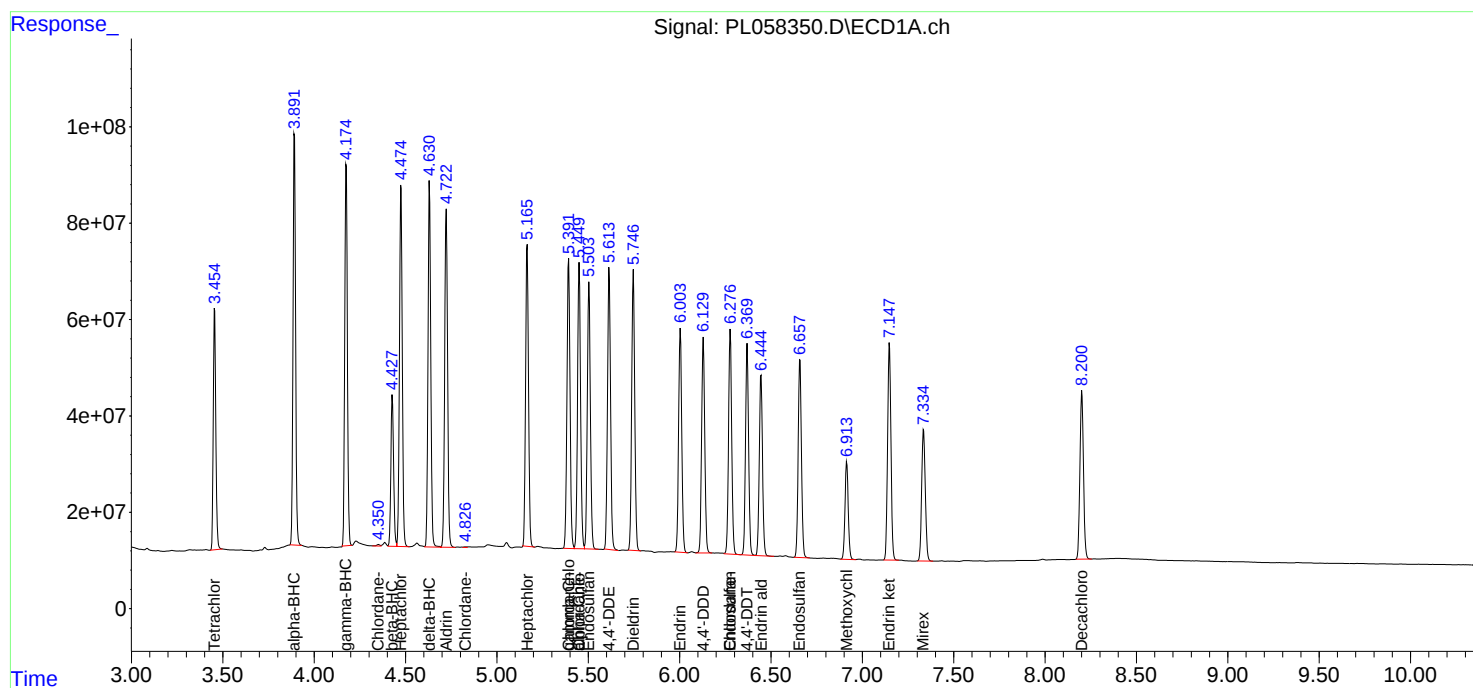
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

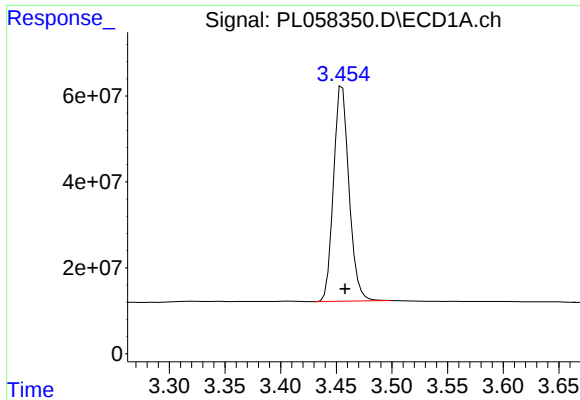
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042320\  
Data File : PL058350.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2020 19:36  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 00:57:16 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

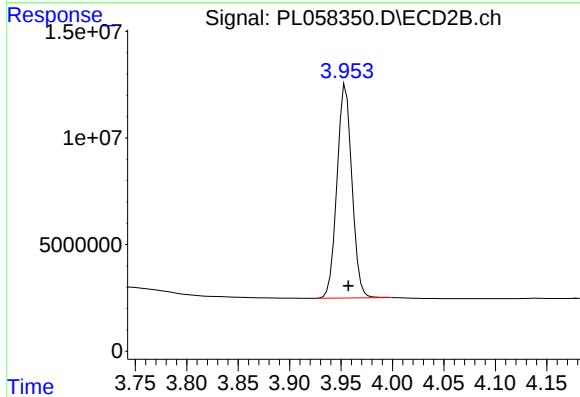




#1 Tetrachloro-m-xylene

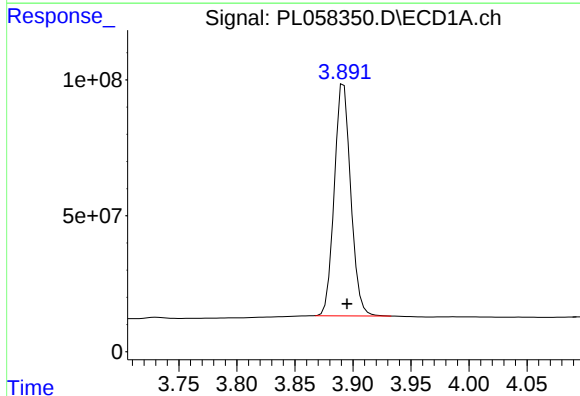
R.T.: 3.455 min  
Delta R.T.: -0.003 min  
Response: 486881291  
Conc: 48.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



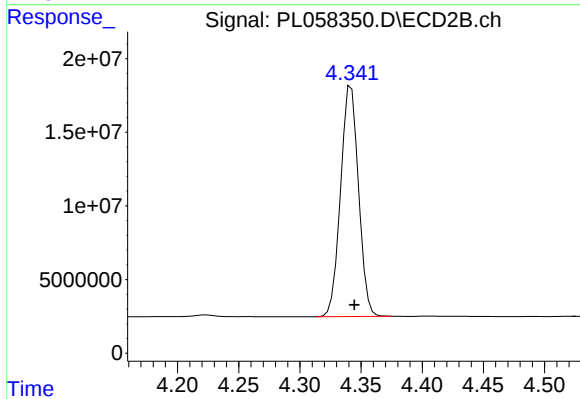
#1 Tetrachloro-m-xylene

R.T.: 3.955 min  
Delta R.T.: -0.003 min  
Response: 101185729  
Conc: 46.63 ng/ml



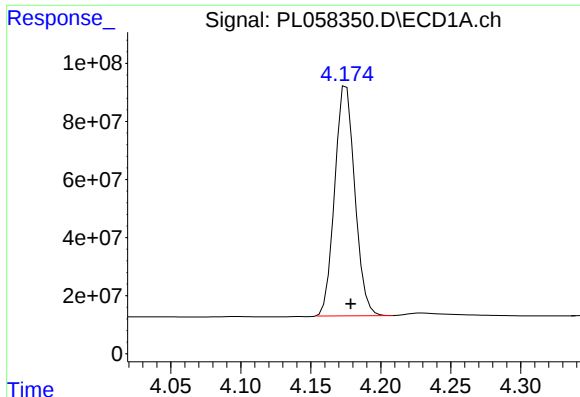
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: -0.003 min  
Response: 843746809  
Conc: 48.57 ng/ml



#2 alpha-BHC

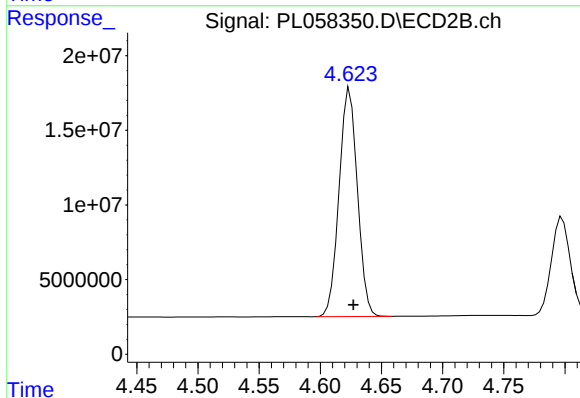
R.T.: 4.342 min  
Delta R.T.: -0.003 min  
Response: 159874881  
Conc: 48.69 ng/ml



#3 gamma-BHC (Lindane)

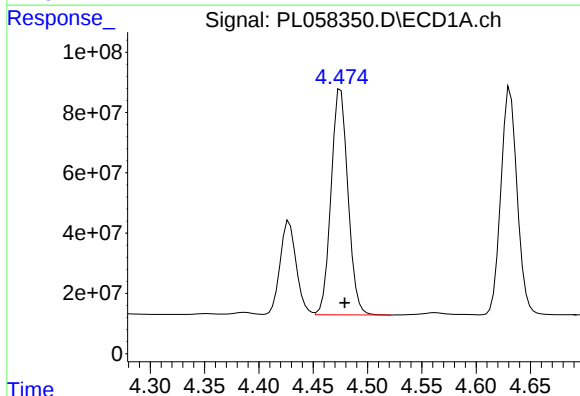
R.T.: 4.175 min  
Delta R.T.: -0.003 min  
Response: 791743153  
Conc: 54.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



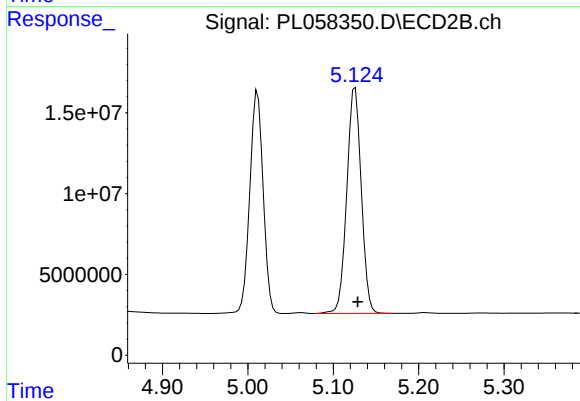
#3 gamma-BHC (Lindane)

R.T.: 4.624 min  
Delta R.T.: -0.003 min  
Response: 159579089  
Conc: 49.12 ng/ml



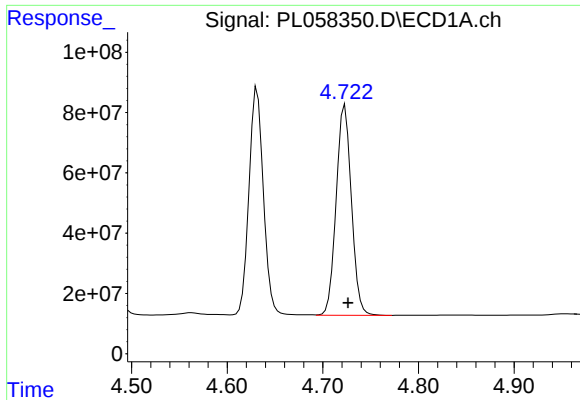
#4 Heptachlor

R.T.: 4.475 min  
Delta R.T.: -0.003 min  
Response: 808498100  
Conc: 50.44 ng/ml



#4 Heptachlor

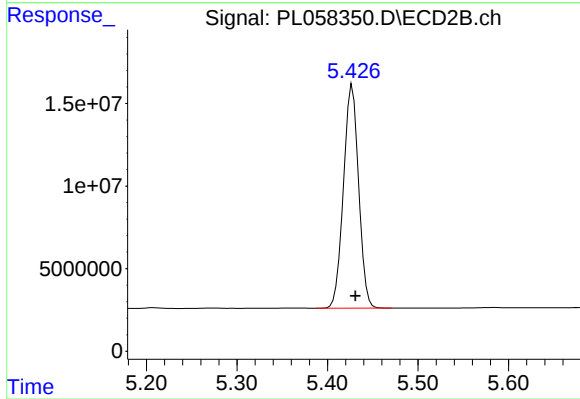
R.T.: 5.126 min  
Delta R.T.: -0.003 min  
Response: 164542867  
Conc: 49.03 ng/ml



#5 Aldrin

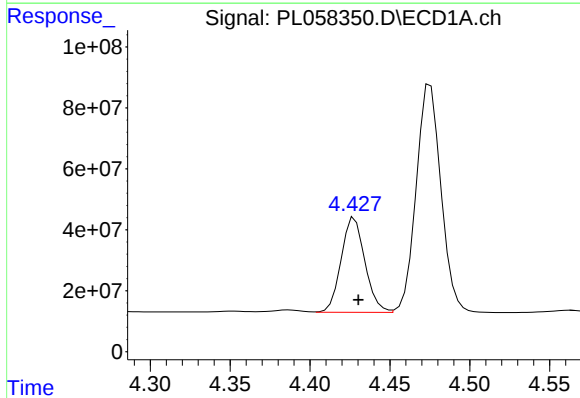
R.T.: 4.723 min  
Delta R.T.: -0.003 min  
Response: 771758857  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



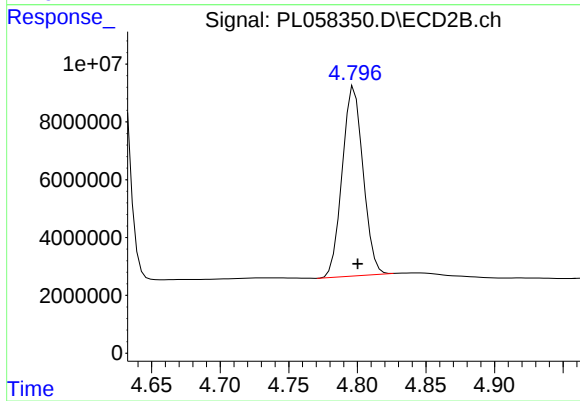
#5 Aldrin

R.T.: 5.427 min  
Delta R.T.: -0.003 min  
Response: 157649016  
Conc: 48.68 ng/ml



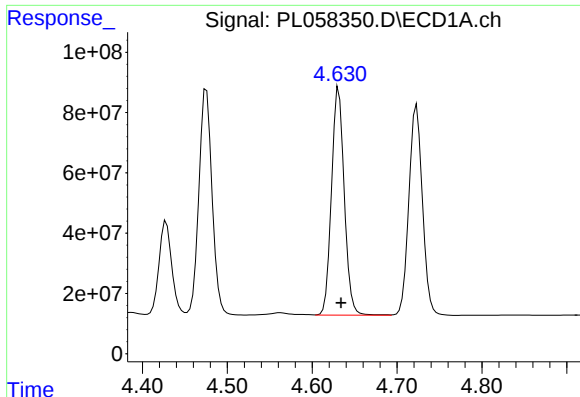
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.002 min  
Response: 322204718  
Conc: 51.02 ng/ml



#6 beta-BHC

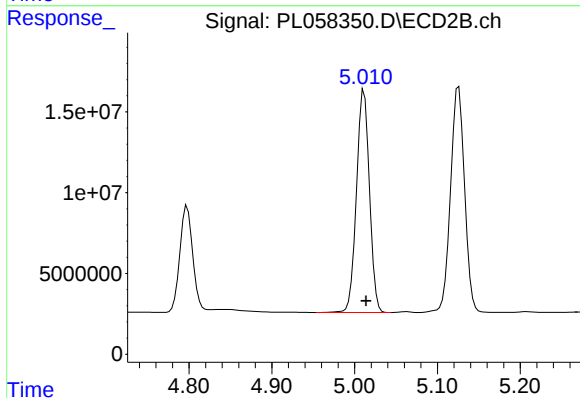
R.T.: 4.798 min  
Delta R.T.: -0.003 min  
Response: 69360277  
Conc: 49.95 ng/ml



#7 delta-BHC

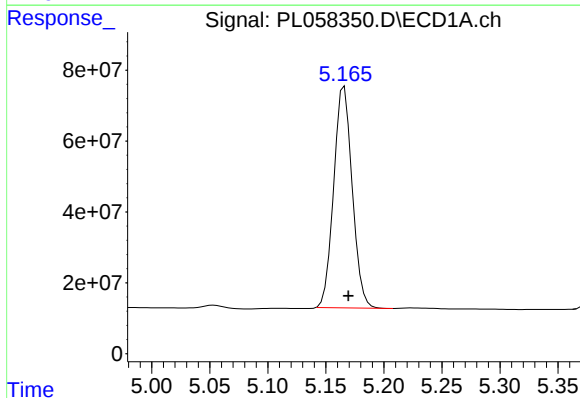
R.T.: 4.631 min  
Delta R.T.: -0.003 min  
Response: 790699948  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



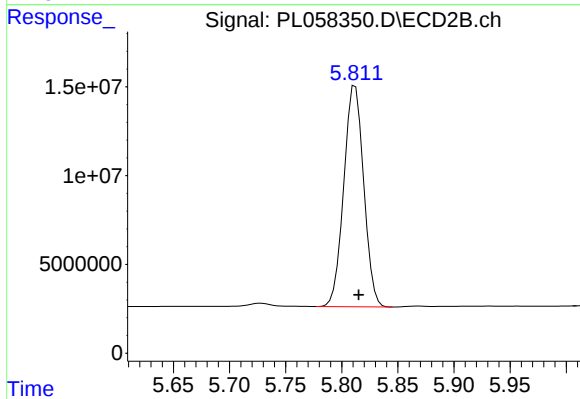
#7 delta-BHC

R.T.: 5.012 min  
Delta R.T.: -0.002 min  
Response: 150373501  
Conc: 59.73 ng/ml



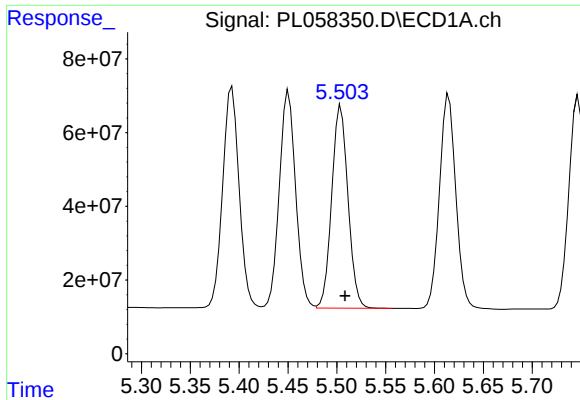
#8 Heptachlor epoxide

R.T.: 5.166 min  
Delta R.T.: -0.004 min  
Response: 694903456  
Conc: 51.70 ng/ml



#8 Heptachlor epoxide

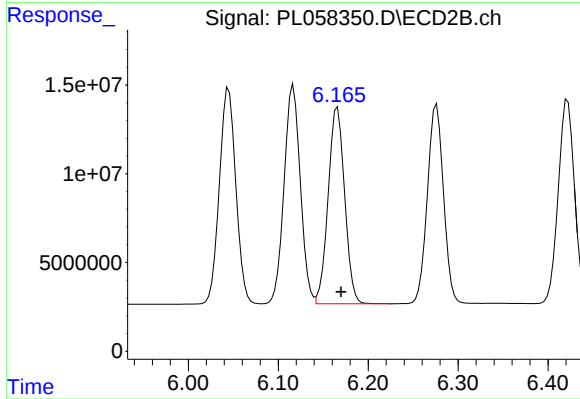
R.T.: 5.812 min  
Delta R.T.: -0.003 min  
Response: 153749404  
Conc: 56.94 ng/ml



#9 Endosulfan I

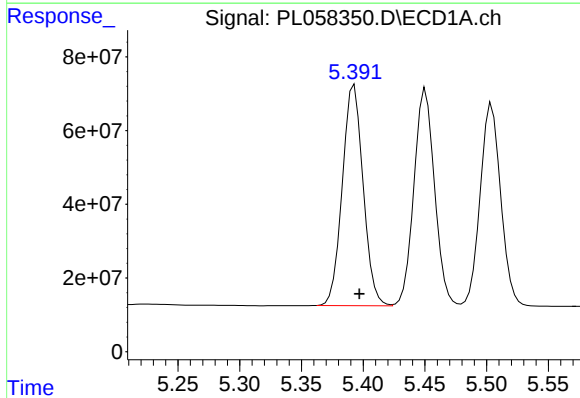
R.T.: 5.504 min  
Delta R.T.: -0.004 min  
Response: 637701982  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



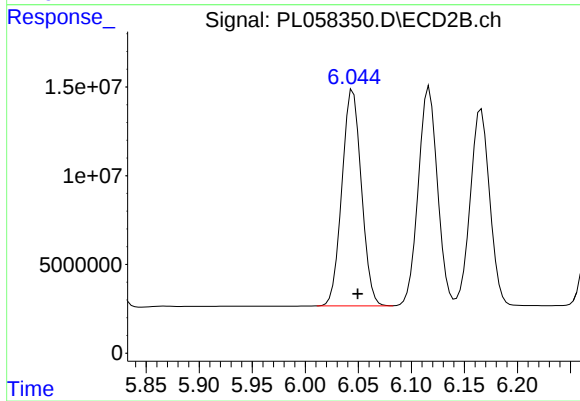
#9 Endosulfan I

R.T.: 6.166 min  
Delta R.T.: -0.004 min  
Response: 141310205  
Conc: 47.39 ng/ml



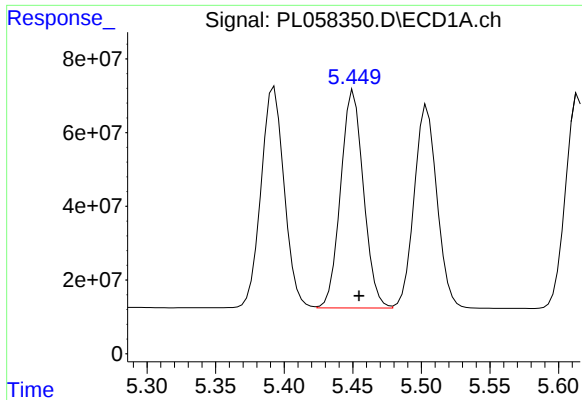
#10 gamma-Chlordane

R.T.: 5.393 min  
Delta R.T.: -0.004 min  
Response: 702484377  
Conc: 51.72 ng/ml



#10 gamma-Chlordane

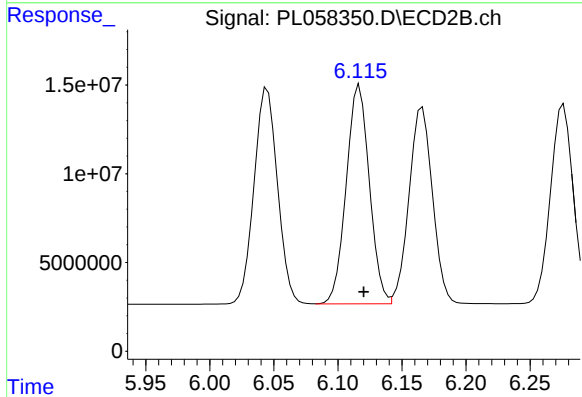
R.T.: 6.045 min  
Delta R.T.: -0.005 min  
Response: 155152272  
Conc: 47.89 ng/ml



#11 alpha-Chlordane

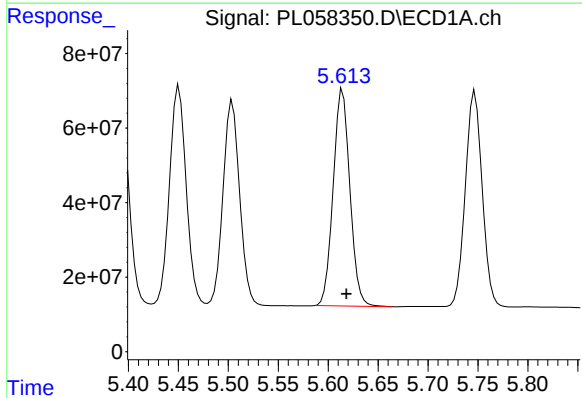
R.T.: 5.451 min  
Delta R.T.: -0.004 min  
Response: 685398217  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



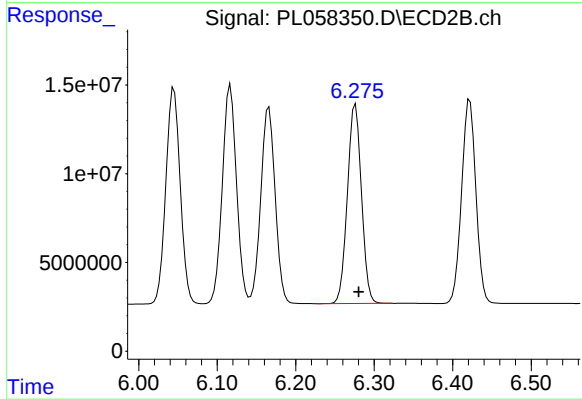
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: -0.003 min  
Response: 155045488  
Conc: 47.38 ng/ml



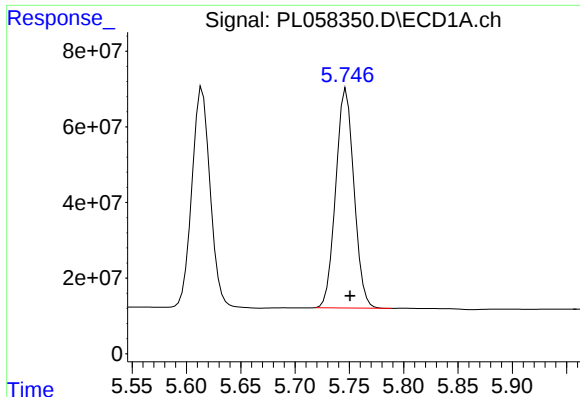
#12 4,4'-DDE

R.T.: 5.615 min  
Delta R.T.: -0.004 min  
Response: 677597639  
Conc: 51.72 ng/ml



#12 4,4'-DDE

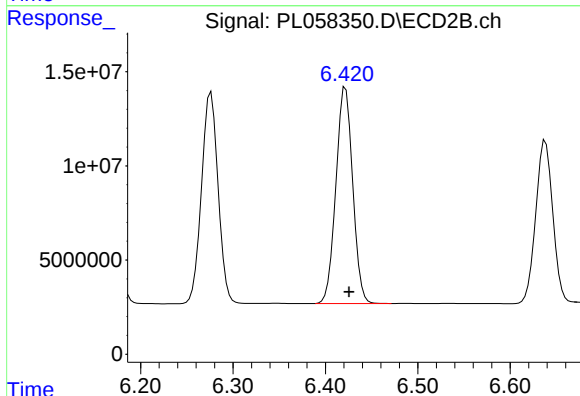
R.T.: 6.276 min  
Delta R.T.: -0.004 min  
Response: 139988242  
Conc: 47.28 ng/ml



#13 Dieldrin

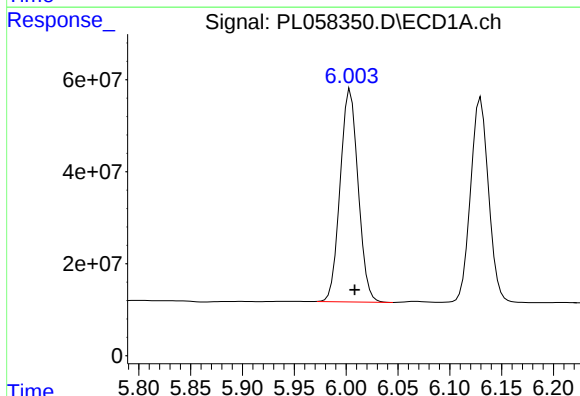
R.T.: 5.747 min  
Delta R.T.: -0.004 min  
Response: 678351948  
Conc: 52.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



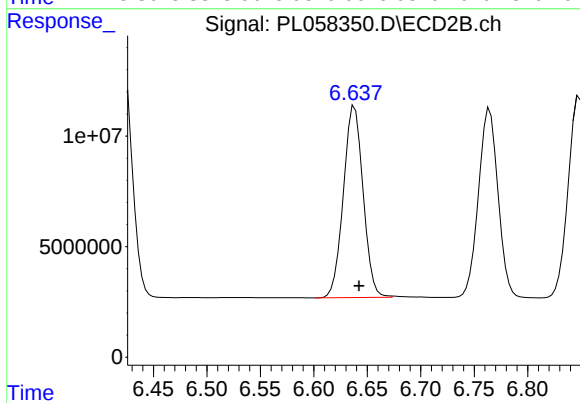
#13 Dieldrin

R.T.: 6.422 min  
Delta R.T.: -0.004 min  
Response: 145275265  
Conc: 47.54 ng/ml



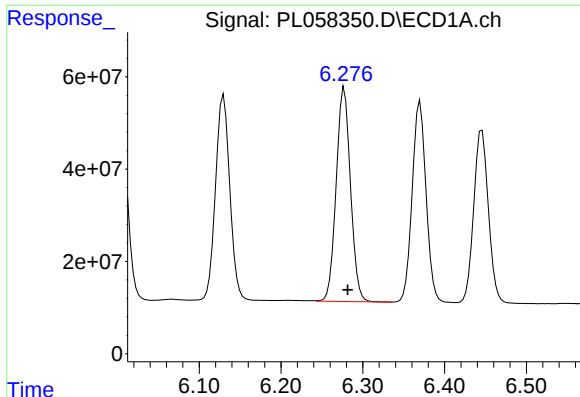
#14 Endrin

R.T.: 6.004 min  
Delta R.T.: -0.004 min  
Response: 557916598  
Conc: 47.80 ng/ml



#14 Endrin

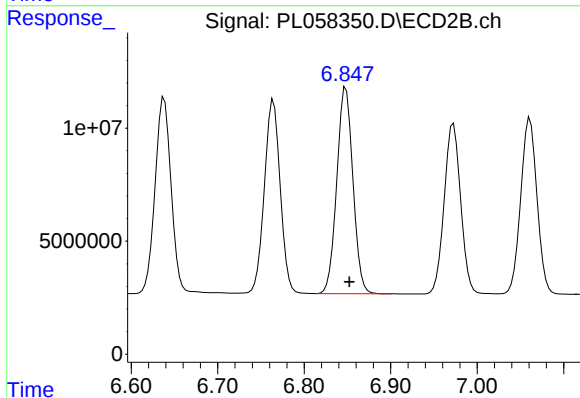
R.T.: 6.638 min  
Delta R.T.: -0.004 min  
Response: 111353750  
Conc: 44.57 ng/ml



#15 Endosulfan II

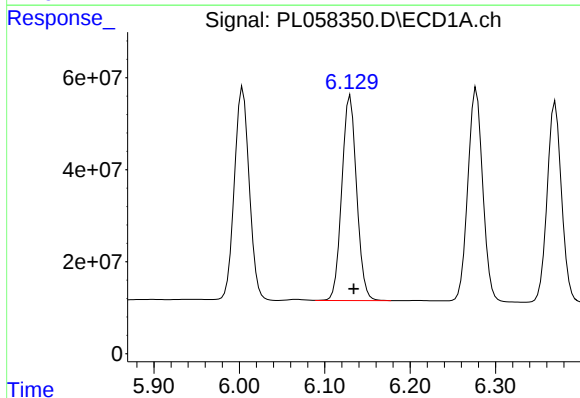
R.T.: 6.278 min  
Delta R.T.: -0.004 min  
Response: 562976286  
Conc: 50.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



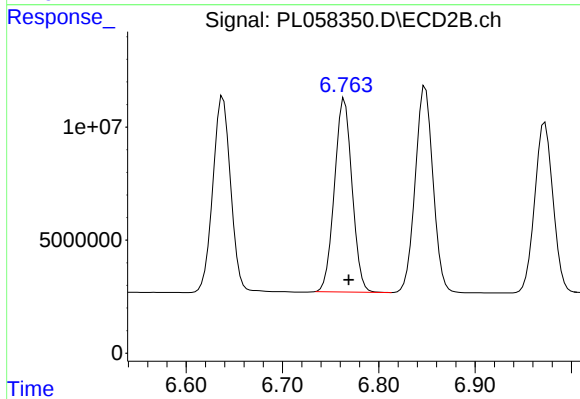
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: -0.004 min  
Response: 117675105  
Conc: 45.37 ng/ml



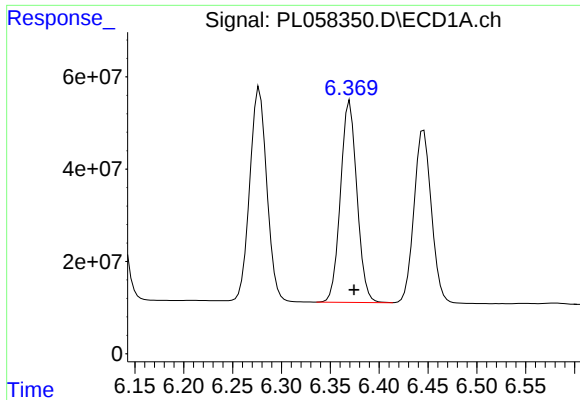
#16 4,4'-DDD

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 537287066  
Conc: 53.76 ng/ml



#16 4,4'-DDD

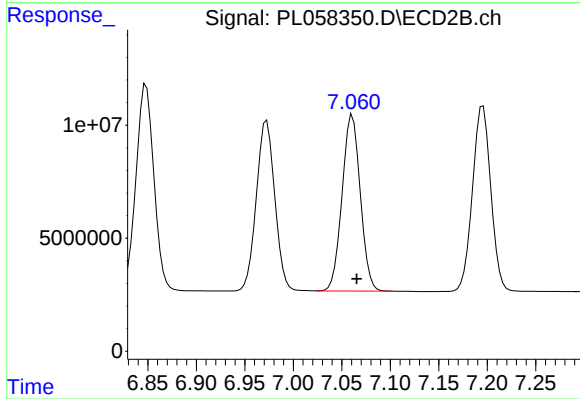
R.T.: 6.765 min  
Delta R.T.: -0.004 min  
Response: 108640640  
Conc: 47.60 ng/ml



#17 4,4'-DDT

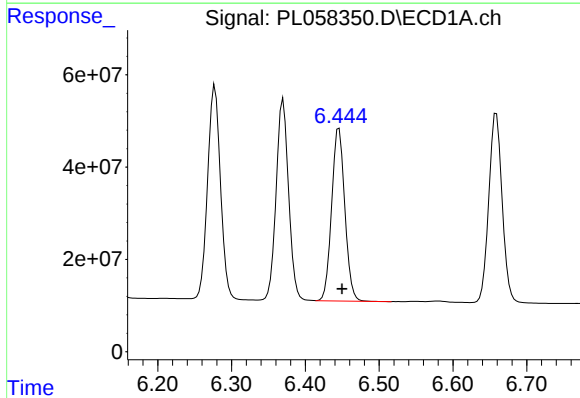
R.T.: 6.370 min  
Delta R.T.: -0.004 min  
Response: 512466296  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



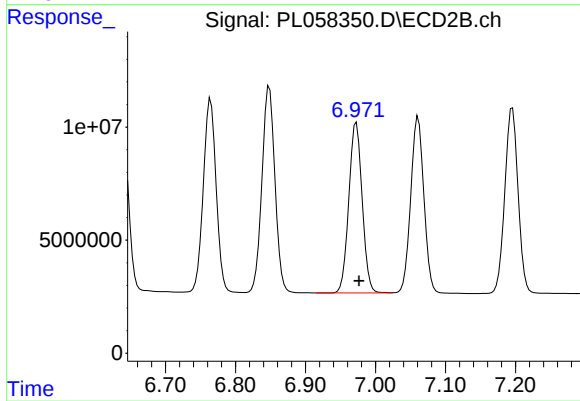
#17 4,4'-DDT

R.T.: 7.061 min  
Delta R.T.: -0.005 min  
Response: 101929019  
Conc: 45.76 ng/ml



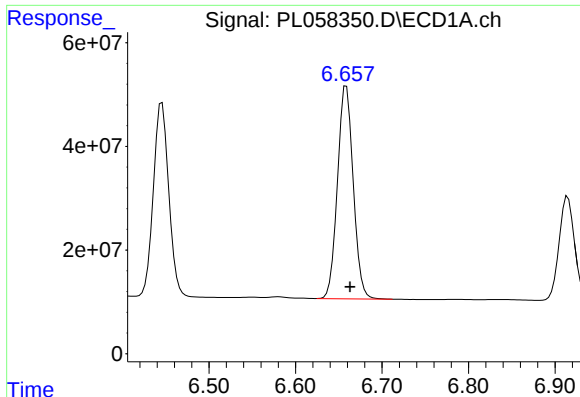
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: -0.004 min  
Response: 465091938  
Conc: 49.74 ng/ml



#18 Endrin aldehyde

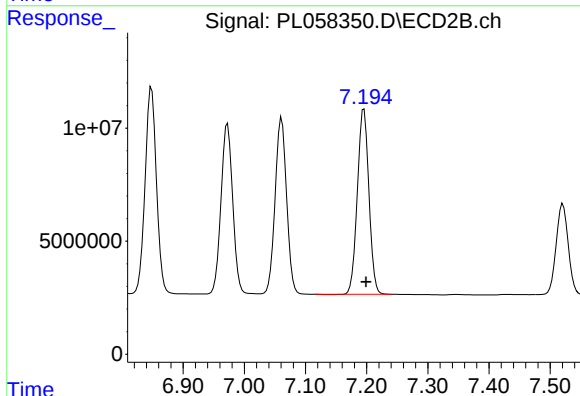
R.T.: 6.973 min  
Delta R.T.: -0.004 min  
Response: 99956841  
Conc: 44.99 ng/ml



#19 Endosulfan Sulfate

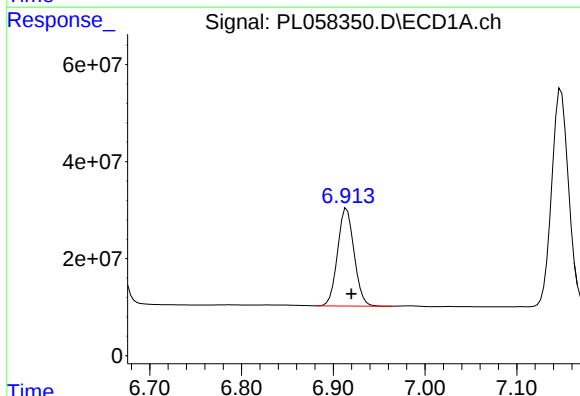
R.T.: 6.659 min  
Delta R.T.: -0.004 min  
Response: 516078390  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



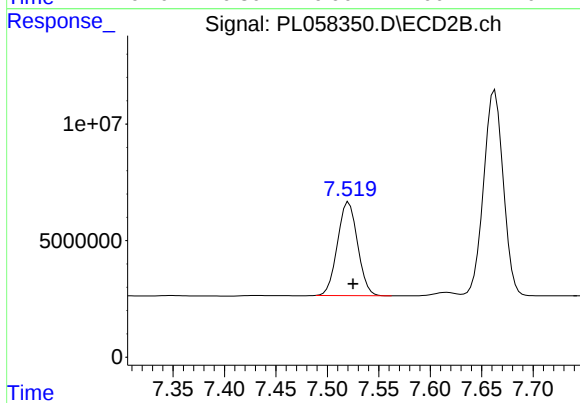
#19 Endosulfan Sulfate

R.T.: 7.196 min  
Delta R.T.: -0.004 min  
Response: 107485209  
Conc: 45.29 ng/ml



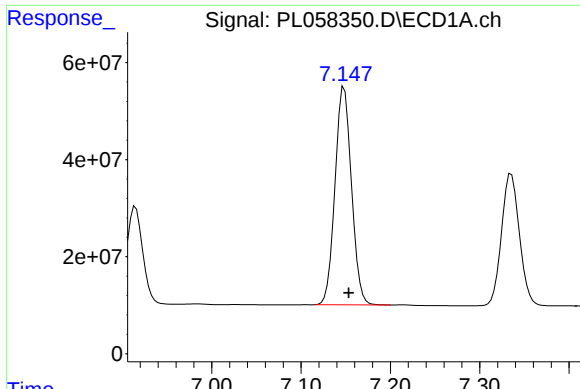
#20 Methoxychlor

R.T.: 6.915 min  
Delta R.T.: -0.005 min  
Response: 252927665  
Conc: 45.88 ng/ml



#20 Methoxychlor

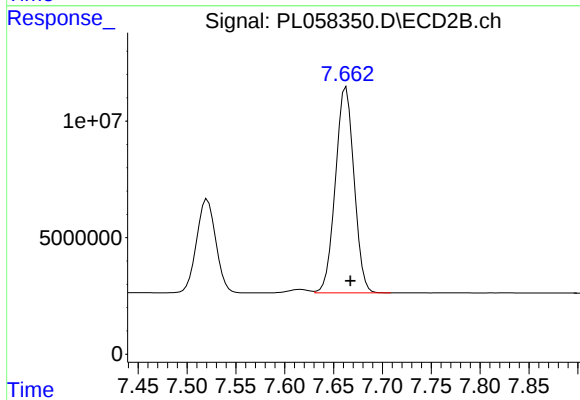
R.T.: 7.521 min  
Delta R.T.: -0.004 min  
Response: 54707964  
Conc: 43.01 ng/ml



#21 Endrin ketone

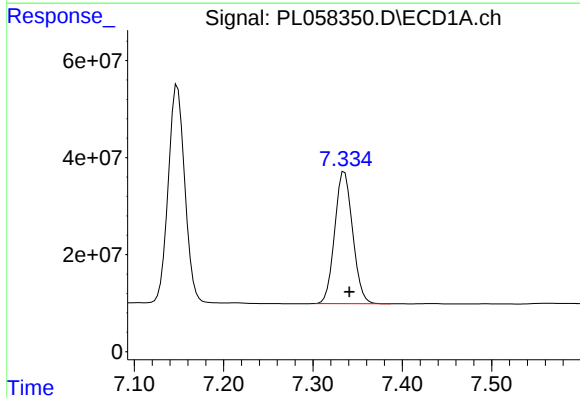
R.T.: 7.148 min  
Delta R.T.: -0.005 min  
Response: 575342984  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



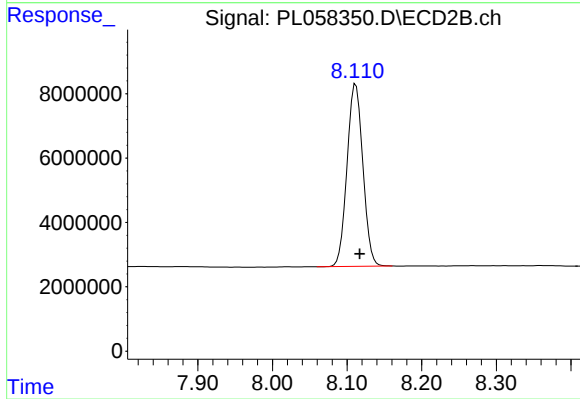
#21 Endrin ketone

R.T.: 7.663 min  
Delta R.T.: -0.004 min  
Response: 117191863  
Conc: 47.41 ng/ml



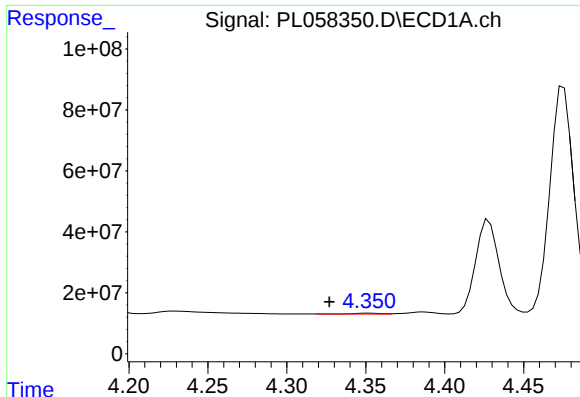
#22 Mirex

R.T.: 7.335 min  
Delta R.T.: -0.005 min  
Response: 379057818  
Conc: 46.24 ng/ml



#22 Mirex

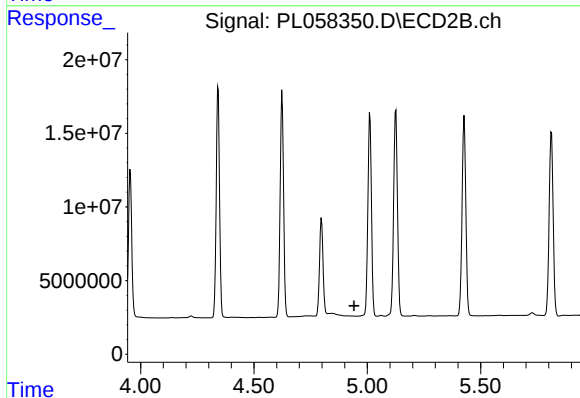
R.T.: 8.112 min  
Delta R.T.: -0.005 min  
Response: 83573421  
Conc: 45.45 ng/ml



#23 Chlordane-1

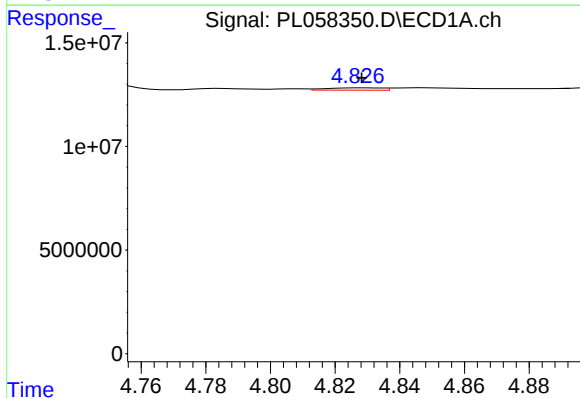
R.T.: 4.352 min  
Delta R.T.: 0.025 min  
Response: 3796087  
Conc: 10.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



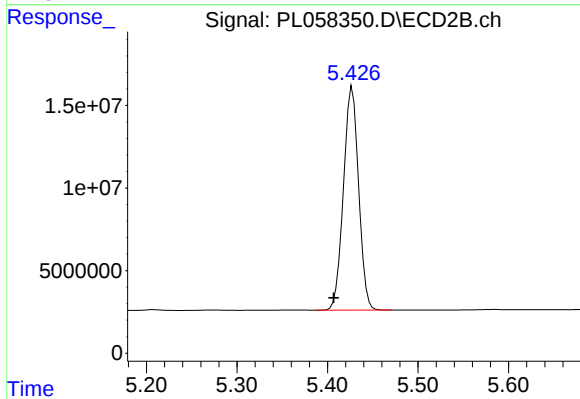
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



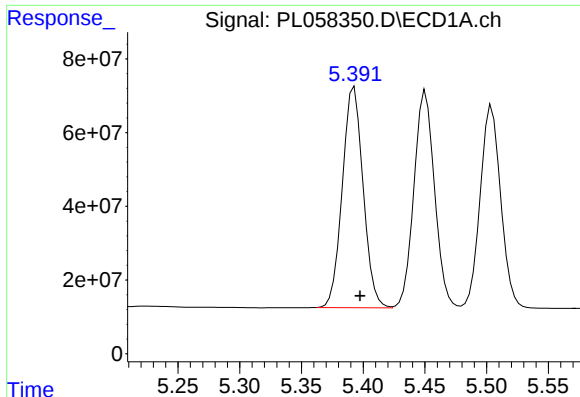
#24 Chlordane-2

R.T.: 4.828 min  
Delta R.T.: 0.000 min  
Response: 1359006  
Conc: 3.37 ng/ml



#24 Chlordane-2

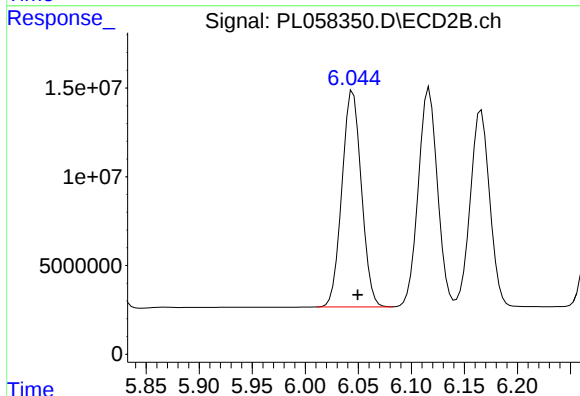
R.T.: 5.427 min  
Delta R.T.: 0.020 min  
Response: 157649016  
Conc: 1510.65 ng/ml



#25 Chlordane-3

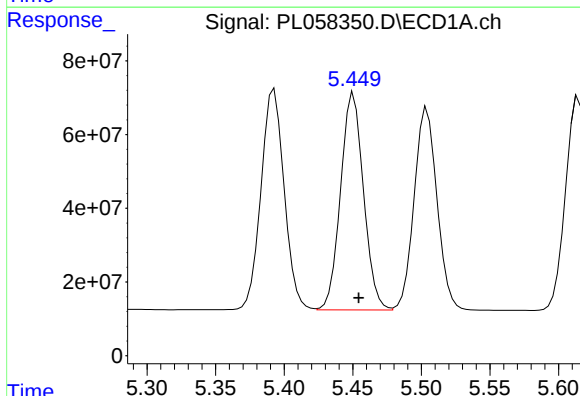
R.T.: 5.393 min  
Delta R.T.: -0.005 min  
Response: 702484377  
Conc: 574.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



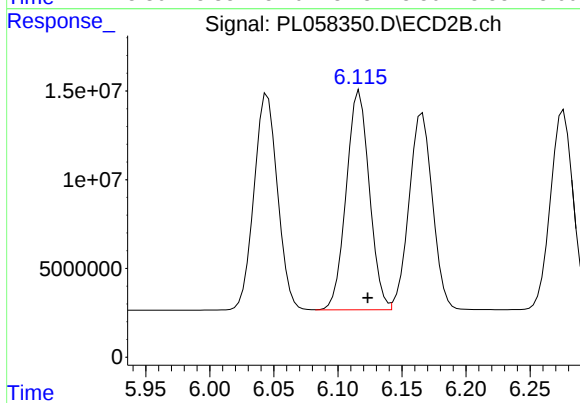
#25 Chlordane-3

R.T.: 6.045 min  
Delta R.T.: -0.004 min  
Response: 155152272  
Conc: 358.59 ng/ml



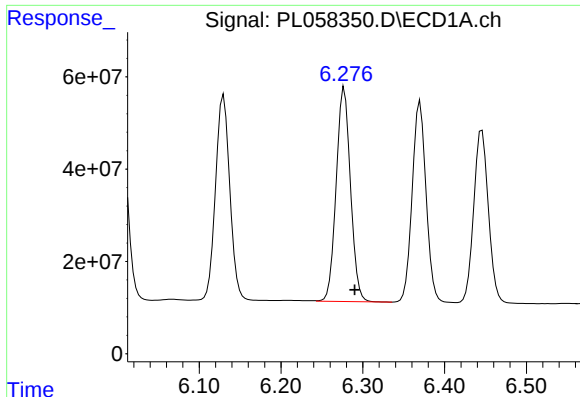
#26 Chlordane-4

R.T.: 5.451 min  
Delta R.T.: -0.004 min  
Response: 685398217  
Conc: 658.90 ng/ml



#26 Chlordane-4

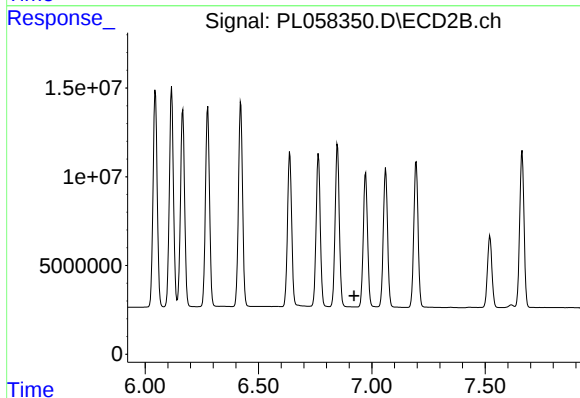
R.T.: 6.117 min  
Delta R.T.: -0.006 min  
Response: 155045488  
Conc: 295.36 ng/ml



#27 Chlordane-5

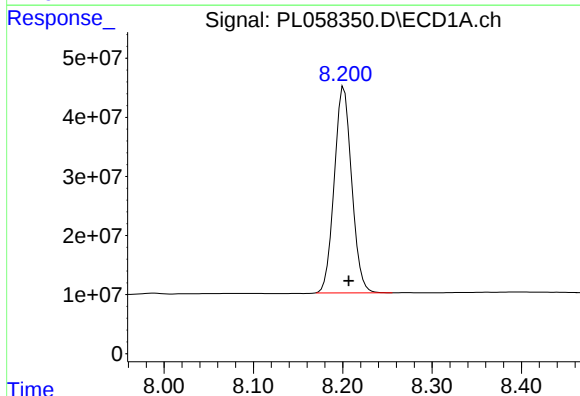
R.T.: 6.278 min  
Delta R.T.: -0.013 min  
Response: 562976286  
Conc: 1488.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



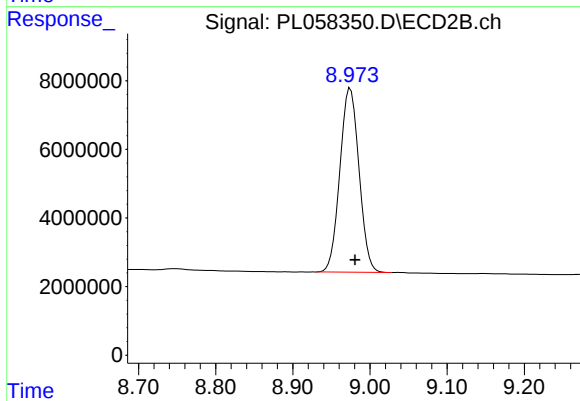
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: -0.005 min  
Response: 472111250  
Conc: 45.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: -0.006 min  
Response: 92335407  
Conc: 41.34 ng/ml