

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
 Data File : PL094207.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2025 17:57  
 Operator : AR\AJ  
 Sample : PB166724BS  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB166724BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 15 02:23:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.537  | 2.773 | 46115009 | 53401056 | 17.126   | 16.360     |
| 2)                          | SA Decachlor... | 9.049  | 7.906 | 42038273 | 72651888 | 20.096   | 20.734     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.275 | 157.0E6  | 204.7E6  | 40.944   | 41.861     |
| 3)                          | MA gamma-BHC... | 4.326  | 3.605 | 150.0E6  | 195.4E6  | 40.732   | 41.207     |
| 4)                          | MA Heptachlor   | 4.913  | 3.942 | 147.9E6  | 207.0E6  | 45.135   | 44.461     |
| 5)                          | MB Aldrin       | 5.255  | 4.222 | 138.7E6  | 190.0E6  | 42.388   | 41.655     |
| 6)                          | B beta-BHC      | 4.524  | 3.905 | 69596619 | 86820658 | 43.300   | 43.466     |
| 7)                          | B delta-BHC     | 4.771  | 4.133 | 147.2E6  | 192.8E6  | 42.006   | 40.578     |
| 8)                          | B Heptachlo...  | 5.681  | 4.724 | 126.8E6  | 183.3E6  | 42.629   | 43.854     |
| 9)                          | A Endosulfan I  | 6.067  | 5.094 | 115.7E6  | 175.0E6  | 43.764   | 45.146     |
| 10)                         | B gamma-Chl...  | 5.937  | 4.975 | 124.6E6  | 192.0E6  | 44.719   | 45.298     |
| 11)                         | B alpha-Chl...  | 6.016  | 5.037 | 124.0E6  | 188.2E6  | 44.481   | 44.958     |
| 12)                         | B 4,4'-DDE      | 6.190  | 5.226 | 114.8E6  | 185.3E6  | 47.148   | 46.228     |
| 13)                         | MA Dieldrin     | 6.341  | 5.358 | 120.7E6  | 191.0E6  | 43.481   | 44.465     |
| 14)                         | MA Endrin       | 6.571  | 5.634 | 104.1E6  | 171.4E6  | 44.410   | 46.405     |
| 15)                         | B Endosulfa...  | 6.791  | 5.928 | 105.4E6  | 171.0E6  | 43.726   | 46.159     |
| 16)                         | A 4,4'-DDD      | 6.707  | 5.781 | 89463158 | 148.0E6  | 47.072   | 46.898     |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.032 | 97002406 | 162.8E6  | 49.188   | 50.020     |
| 18)                         | B Endrin al...  | 6.921  | 6.108 | 83380983 | 134.1E6  | 42.890   | 44.045     |
| 19)                         | B Endosulfa...  | 7.155  | 6.331 | 99265162 | 166.0E6  | 43.850   | 46.539     |
| 20)                         | A Methoxychlor  | 7.497  | 6.606 | 52123351 | 88738857 | 49.955   | 49.626     |
| 21)                         | B Endrin ke...  | 7.640  | 6.835 | 110.8E6  | 194.7E6  | 43.915   | 46.402     |
| 22)                         | Mirex           | 8.113  | 7.015 | 85558374 | 146.6E6  | 41.085   | 43.348     |
| 23)                         | Chlordane-1     | 0.000  | 3.766 | 0        | 101929   | N.D.     | 0.817 #    |
| 24)                         | Chlordane-2     | 5.255f | 4.361 | 138.7E6  | 670848   | 1184.587 | 4.572 #    |
| 25)                         | Chlordane-3     | 5.937  | 4.975 | 124.6E6  | 192.0E6  | 317.769  | 441.458 #  |
| 26)                         | Chlordane-4     | 6.016  | 5.037 | 124.0E6  | 188.2E6  | 263.834  | 444.265 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.928 | 0        | 171.0E6  | N.D.     | 1116.228 # |
| -----                       |                 |        |       |          |          |          |            |

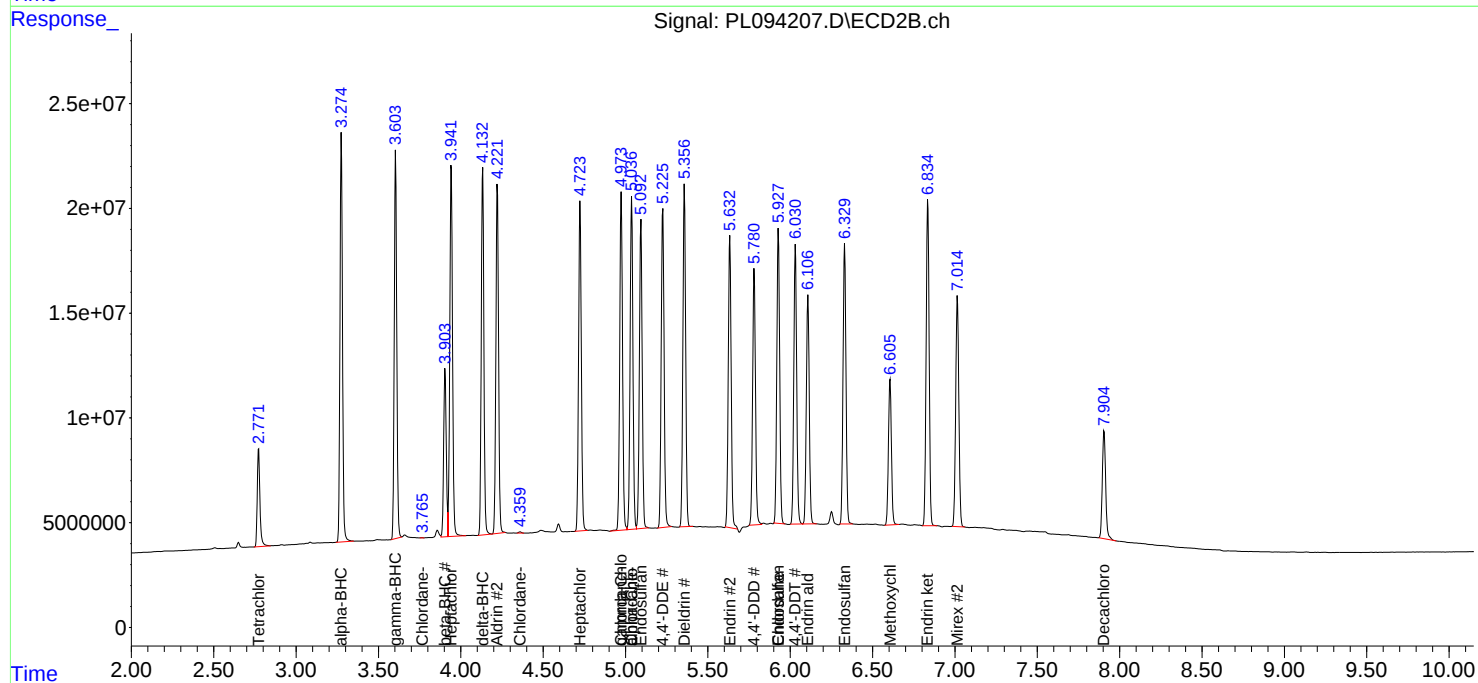
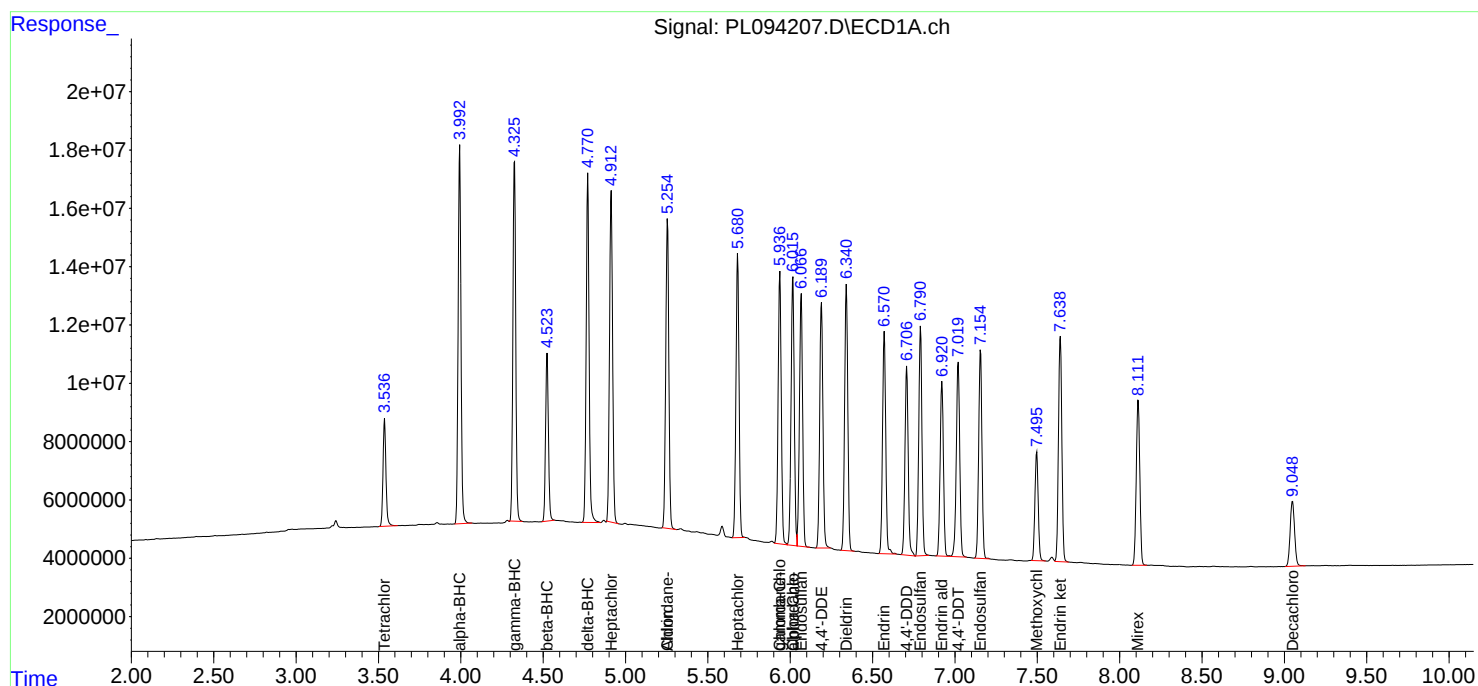
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

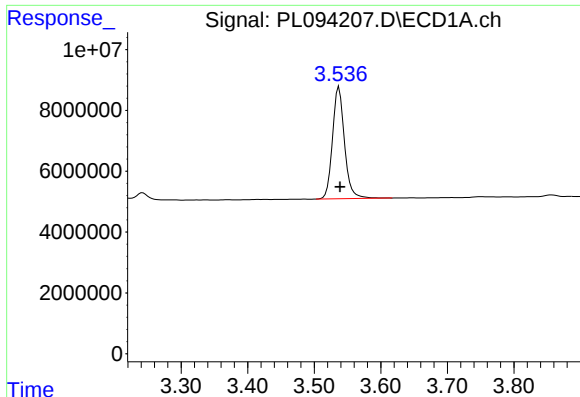
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
Data File : PL094207.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2025 17:57  
Operator : AR\AJ  
Sample : PB166724BS  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 15 02:23:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

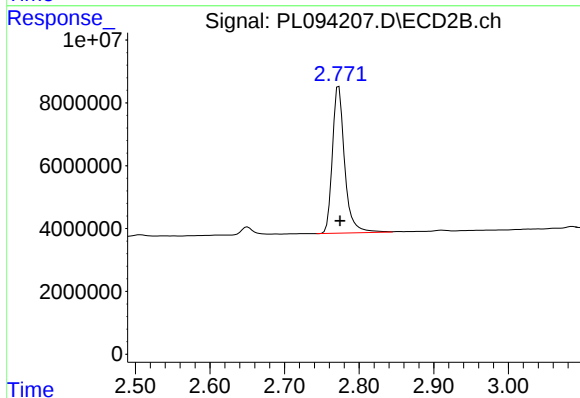




#1 Tetrachloro-m-xylene

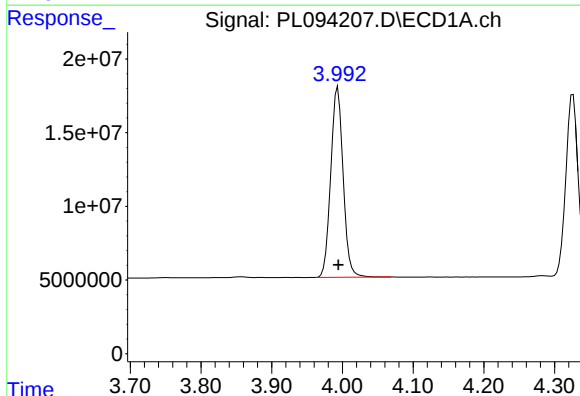
R.T.: 3.537 min  
Delta R.T.: -0.002 min  
Response: 46115009  
Conc: 17.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



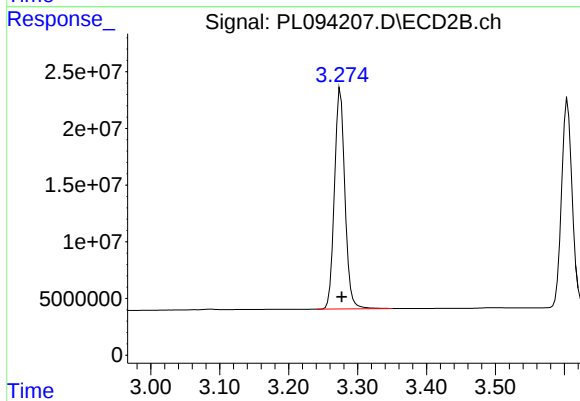
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.002 min  
Response: 53401056  
Conc: 16.36 ng/ml



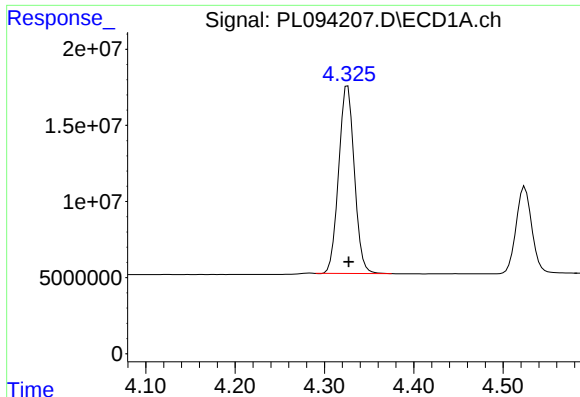
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.001 min  
Response: 156971948  
Conc: 40.94 ng/ml



#2 alpha-BHC

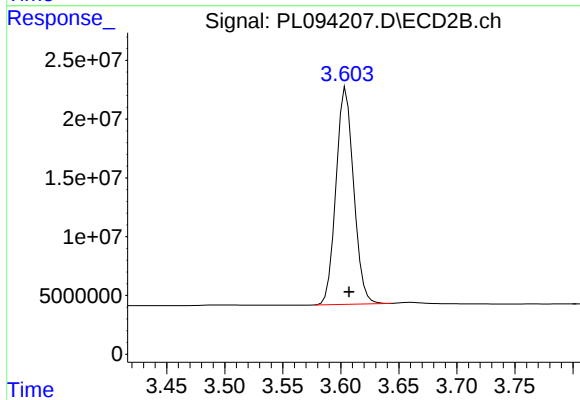
R.T.: 3.275 min  
Delta R.T.: -0.002 min  
Response: 204659052  
Conc: 41.86 ng/ml



#3 gamma-BHC (Lindane)

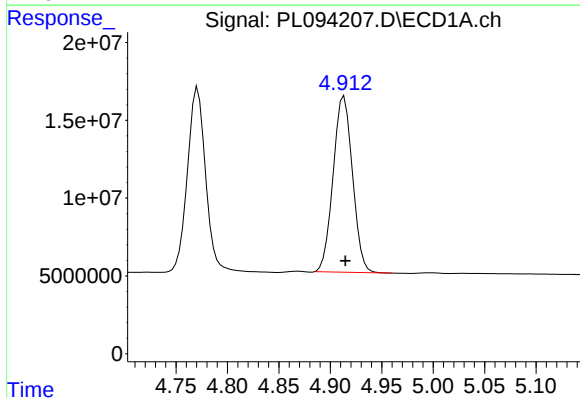
R.T.: 4.326 min  
Delta R.T.: -0.001 min  
Response: 150009599  
Conc: 40.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



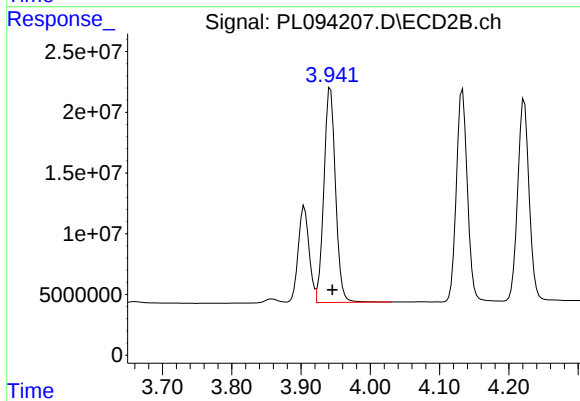
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.002 min  
Response: 195371823  
Conc: 41.21 ng/ml



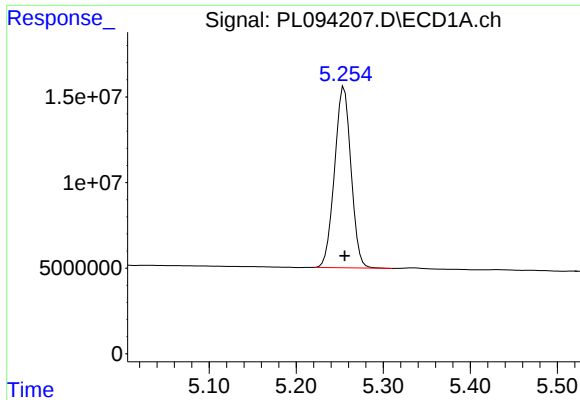
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: -0.001 min  
Response: 147923286  
Conc: 45.14 ng/ml



#4 Heptachlor

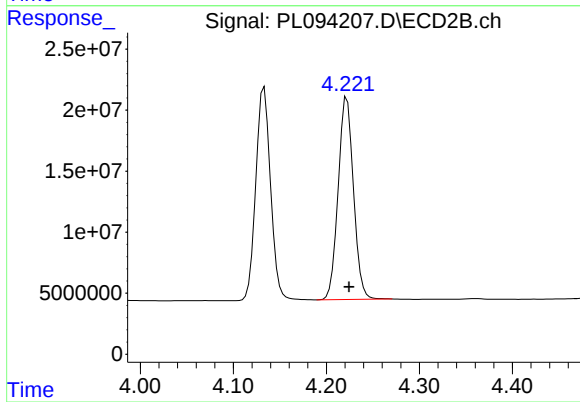
R.T.: 3.942 min  
Delta R.T.: -0.003 min  
Response: 206955763  
Conc: 44.46 ng/ml



#5 Aldrin

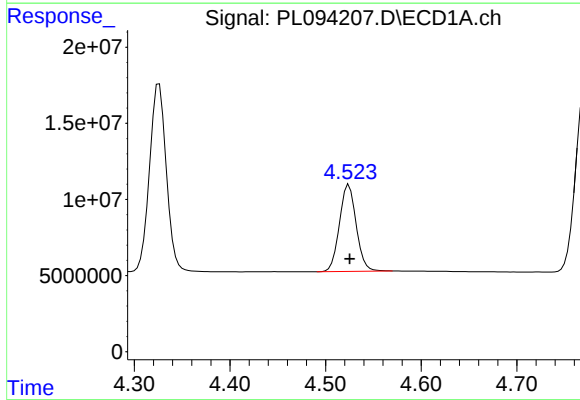
R.T.: 5.255 min  
Delta R.T.: 0.000 min  
Response: 138692214  
Conc: 42.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



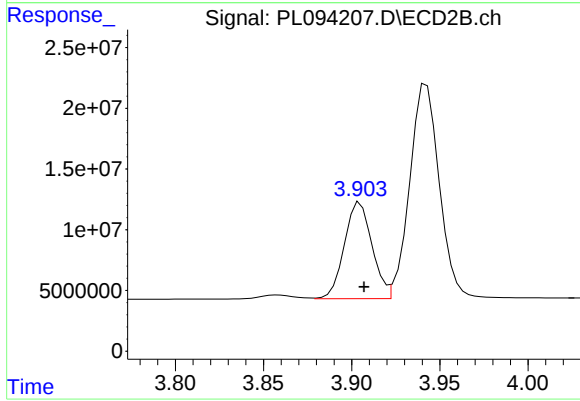
#5 Aldrin

R.T.: 4.222 min  
Delta R.T.: -0.002 min  
Response: 190019587  
Conc: 41.65 ng/ml



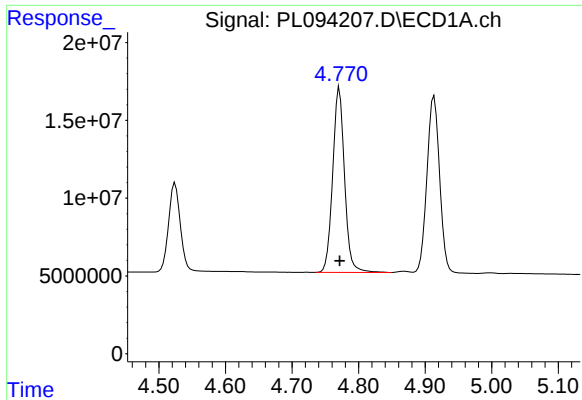
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 69596619  
Conc: 43.30 ng/ml



#6 beta-BHC

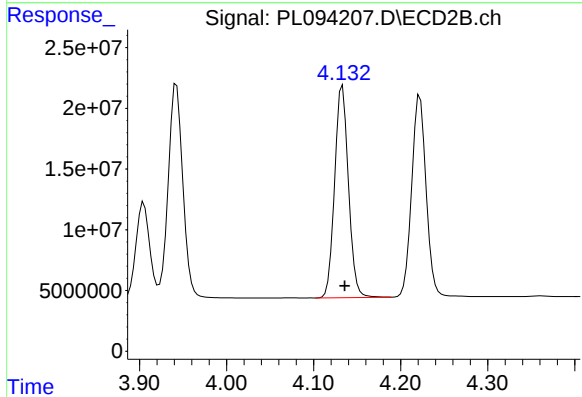
R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 86820658  
Conc: 43.47 ng/ml



#7 delta-BHC

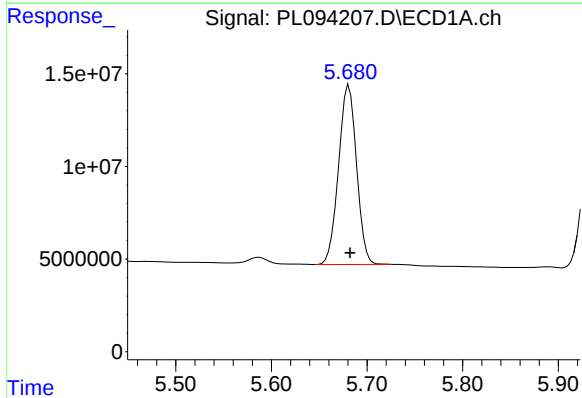
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 147243607  
Conc: 42.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



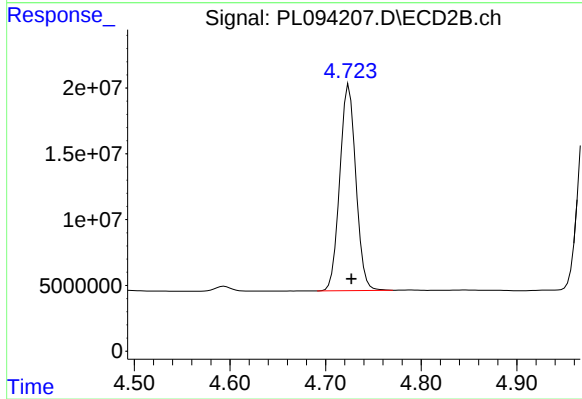
#7 delta-BHC

R.T.: 4.133 min  
Delta R.T.: -0.002 min  
Response: 192797914  
Conc: 40.58 ng/ml



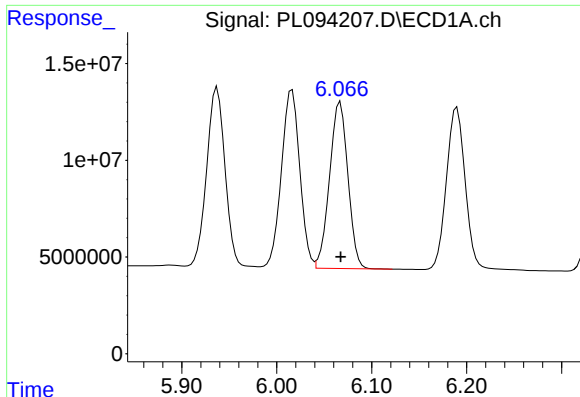
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: -0.001 min  
Response: 126770519  
Conc: 42.63 ng/ml



#8 Heptachlor epoxide

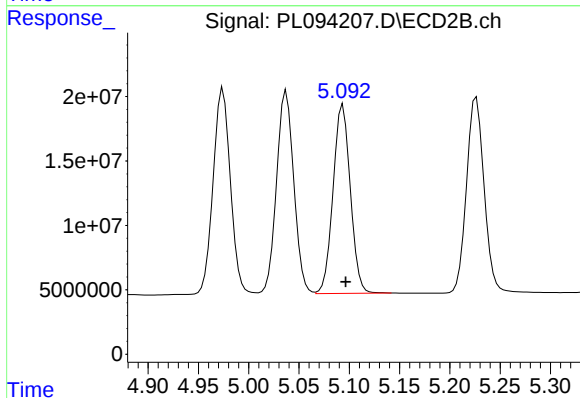
R.T.: 4.724 min  
Delta R.T.: -0.003 min  
Response: 183320212  
Conc: 43.85 ng/ml



#9 Endosulfan I

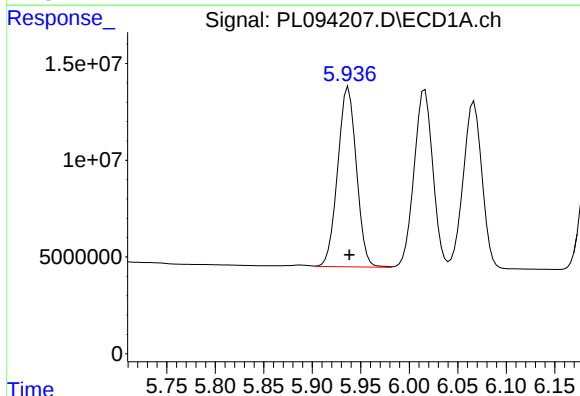
R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 115661567  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



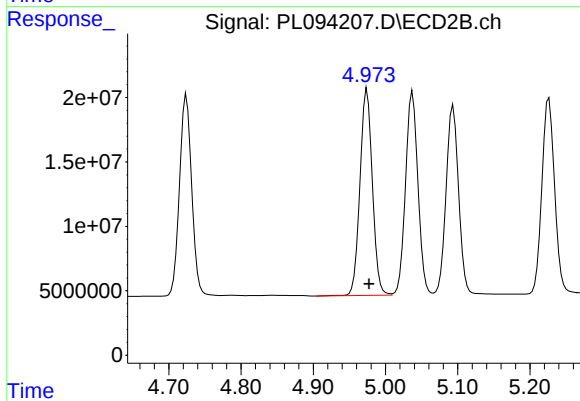
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: -0.003 min  
Response: 175026235  
Conc: 45.15 ng/ml



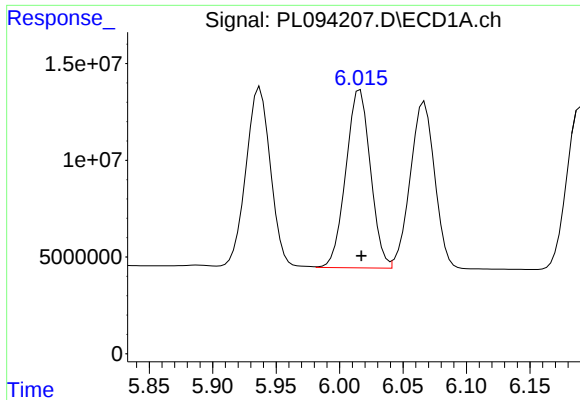
#10 gamma-Chlordane

R.T.: 5.937 min  
Delta R.T.: -0.001 min  
Response: 124649745  
Conc: 44.72 ng/ml



#10 gamma-Chlordane

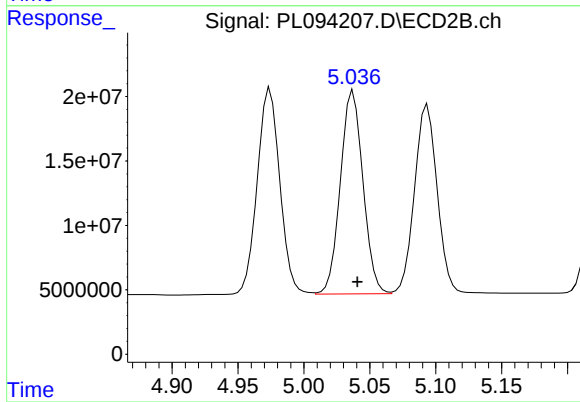
R.T.: 4.975 min  
Delta R.T.: -0.003 min  
Response: 191955341  
Conc: 45.30 ng/ml



#11 alpha-Chlordane

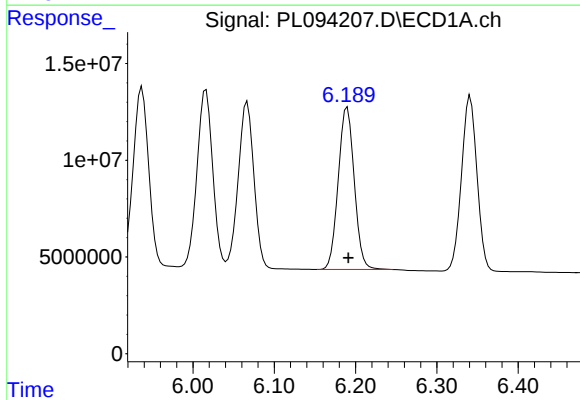
R.T.: 6.016 min  
Delta R.T.: -0.001 min  
Response: 124030047  
Conc: 44.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



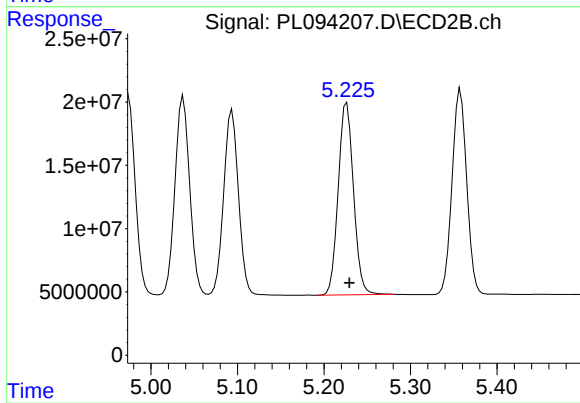
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: -0.003 min  
Response: 188221174  
Conc: 44.96 ng/ml



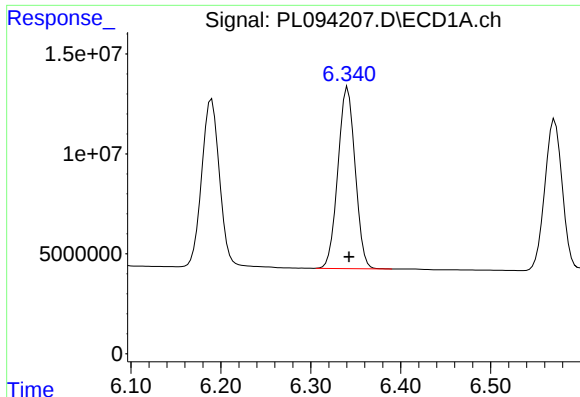
#12 4,4'-DDE

R.T.: 6.190 min  
Delta R.T.: -0.001 min  
Response: 114785884  
Conc: 47.15 ng/ml



#12 4,4'-DDE

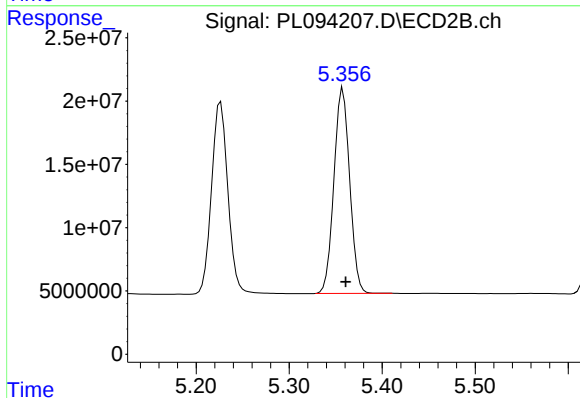
R.T.: 5.226 min  
Delta R.T.: -0.003 min  
Response: 185348680  
Conc: 46.23 ng/ml



#13 Dieldrin

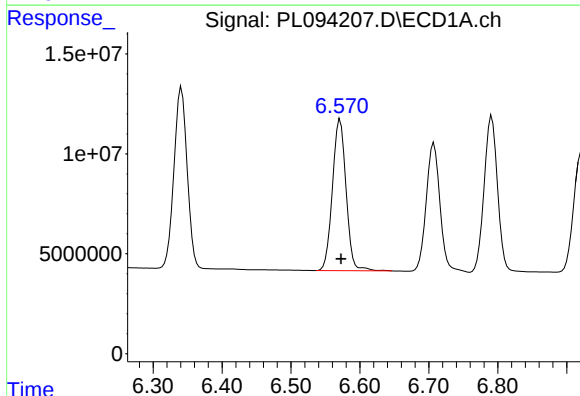
R.T.: 6.341 min  
Delta R.T.: -0.002 min  
Response: 120695998  
Conc: 43.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



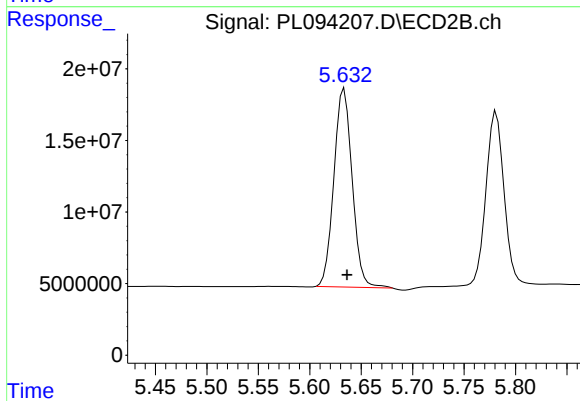
#13 Dieldrin

R.T.: 5.358 min  
Delta R.T.: -0.003 min  
Response: 191006835  
Conc: 44.47 ng/ml



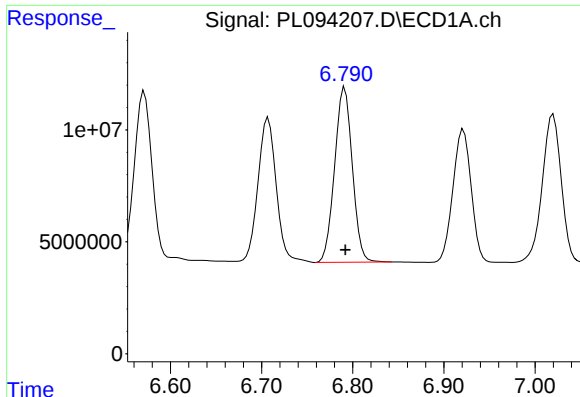
#14 Endrin

R.T.: 6.571 min  
Delta R.T.: -0.001 min  
Response: 104134511  
Conc: 44.41 ng/ml



#14 Endrin

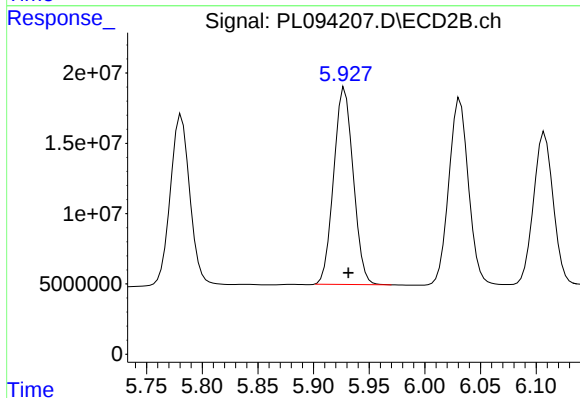
R.T.: 5.634 min  
Delta R.T.: -0.003 min  
Response: 171357288  
Conc: 46.40 ng/ml



#15 Endosulfan II

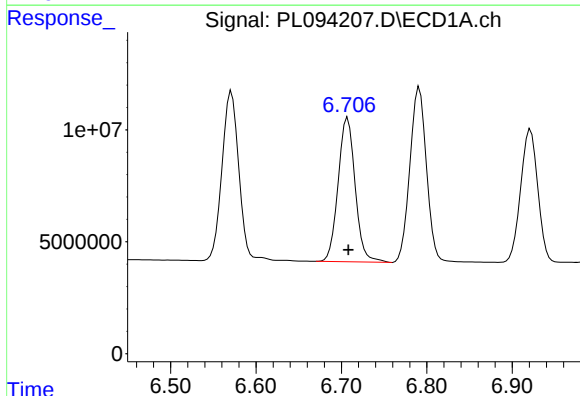
R.T.: 6.791 min  
Delta R.T.: 0.000 min  
Response: 105351541  
Conc: 43.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



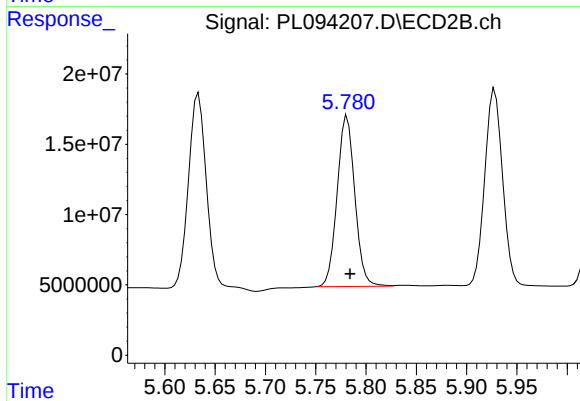
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: -0.003 min  
Response: 170964592  
Conc: 46.16 ng/ml



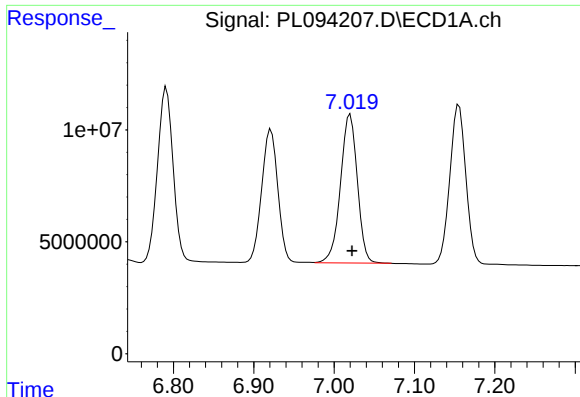
#16 4,4'-DDD

R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 89463158  
Conc: 47.07 ng/ml



#16 4,4'-DDD

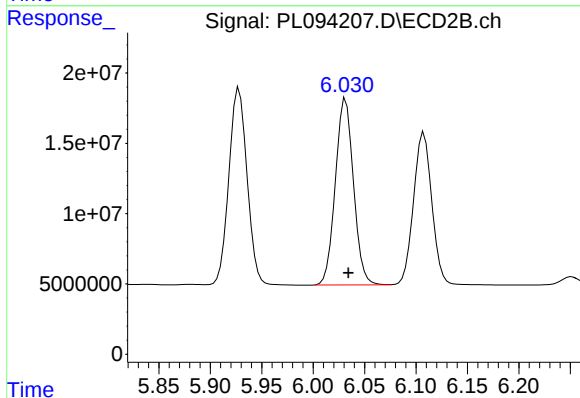
R.T.: 5.781 min  
Delta R.T.: -0.003 min  
Response: 148036122  
Conc: 46.90 ng/ml



#17 4,4'-DDT

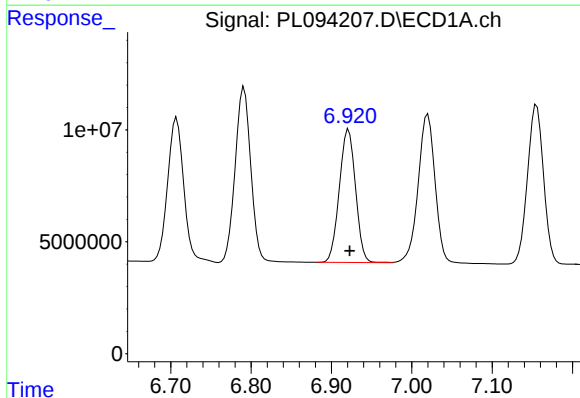
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 97002406  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



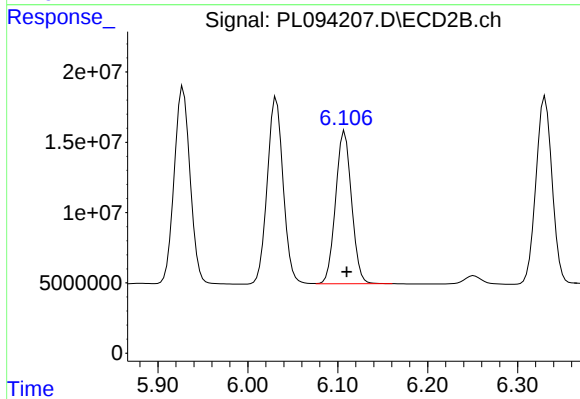
#17 4,4'-DDT

R.T.: 6.032 min  
Delta R.T.: -0.003 min  
Response: 162767393  
Conc: 50.02 ng/ml



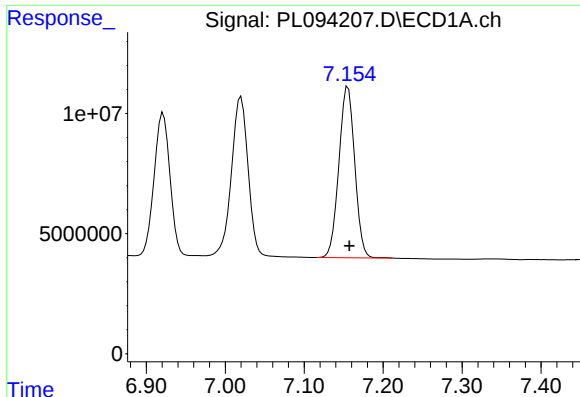
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: -0.001 min  
Response: 83380983  
Conc: 42.89 ng/ml



#18 Endrin aldehyde

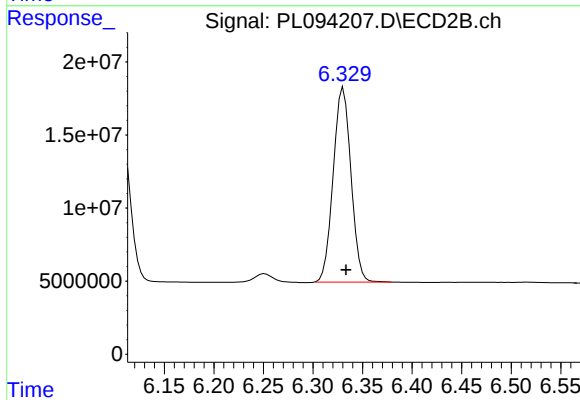
R.T.: 6.108 min  
Delta R.T.: -0.002 min  
Response: 134100696  
Conc: 44.04 ng/ml



#19 Endosulfan Sulfate

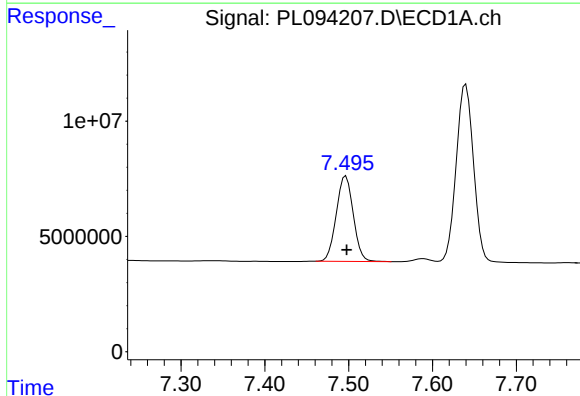
R.T.: 7.155 min  
Delta R.T.: -0.002 min  
Response: 99265162  
Conc: 43.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



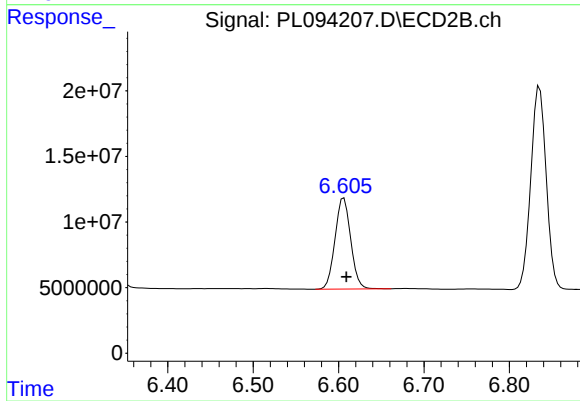
#19 Endosulfan Sulfate

R.T.: 6.331 min  
Delta R.T.: -0.003 min  
Response: 165963444  
Conc: 46.54 ng/ml



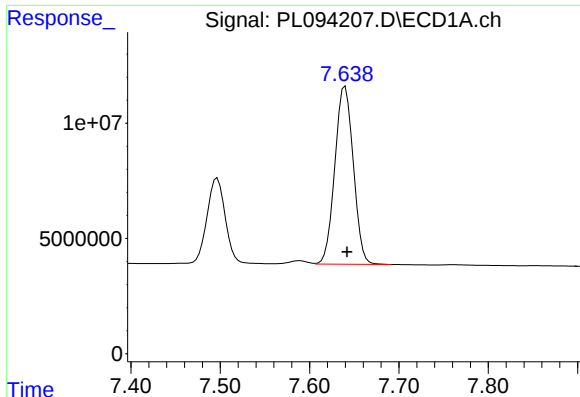
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.001 min  
Response: 52123351  
Conc: 49.96 ng/ml



#20 Methoxychlor

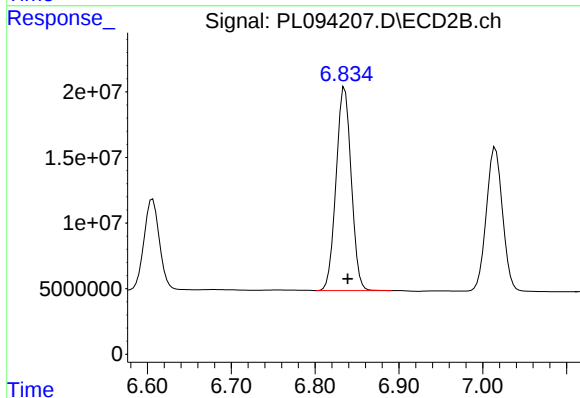
R.T.: 6.606 min  
Delta R.T.: -0.003 min  
Response: 88738857  
Conc: 49.63 ng/ml



#21 Endrin ketone

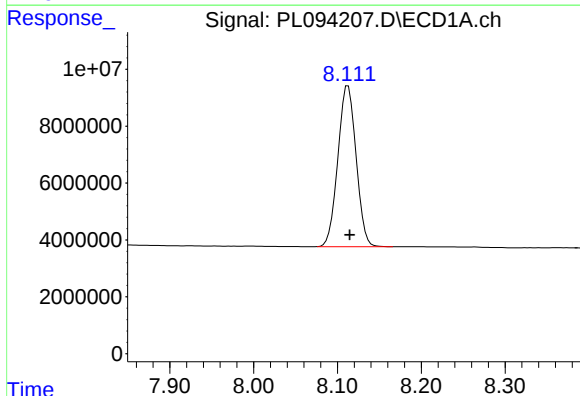
R.T.: 7.640 min  
Delta R.T.: -0.002 min  
Response: 110781114  
Conc: 43.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



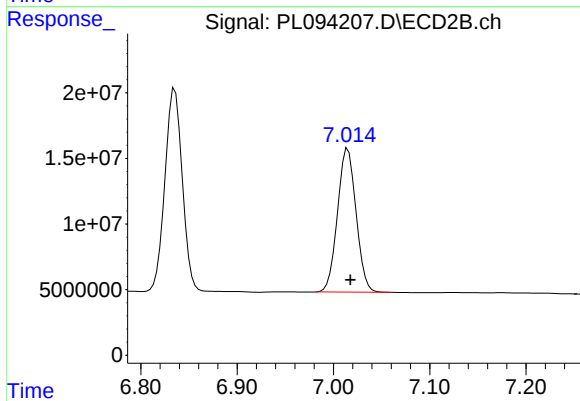
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: -0.004 min  
Response: 194668604  
Conc: 46.40 ng/ml



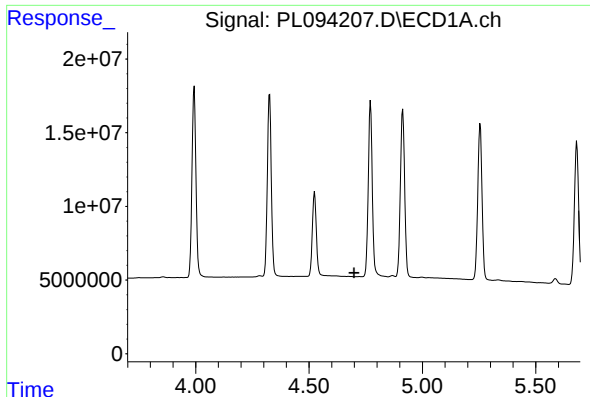
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: -0.002 min  
Response: 85558374  
Conc: 41.08 ng/ml



#22 Mirex

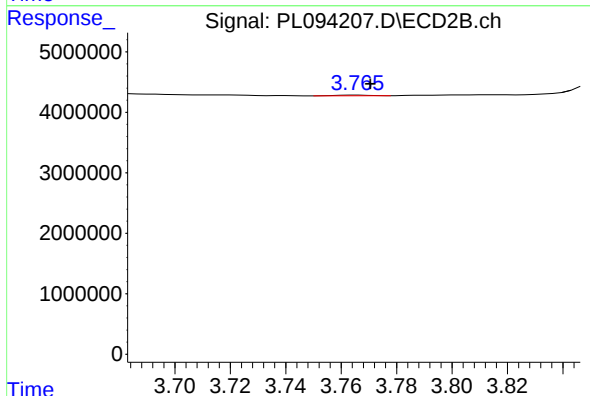
R.T.: 7.015 min  
Delta R.T.: -0.002 min  
Response: 146599234  
Conc: 43.35 ng/ml



#23 Chlordane-1

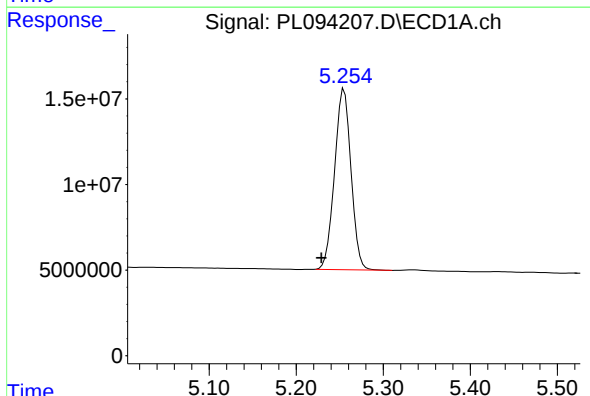
R.T.: 0.000 min  
Exp R.T.: 4.700 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



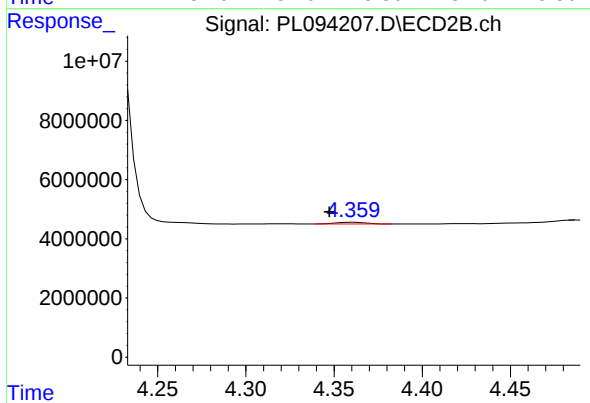
#23 Chlordane-1

R.T.: 3.766 min  
Delta R.T.: -0.005 min  
Response: 101929  
Conc: 0.82 ng/ml



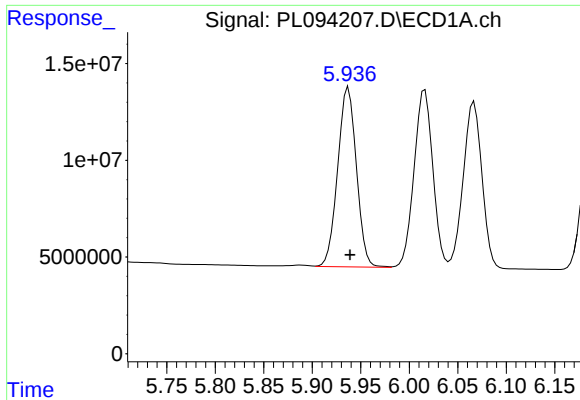
#24 Chlordane-2

R.T.: 5.255 min  
Delta R.T.: 0.026 min  
Response: 138692214  
Conc: 1184.59 ng/ml



#24 Chlordane-2

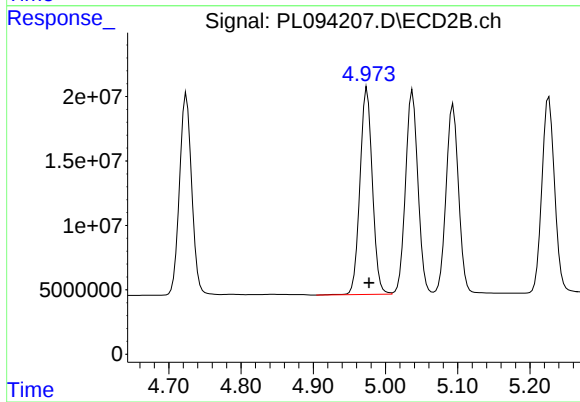
R.T.: 4.361 min  
Delta R.T.: 0.013 min  
Response: 670848  
Conc: 4.57 ng/ml



#25 Chlordane-3

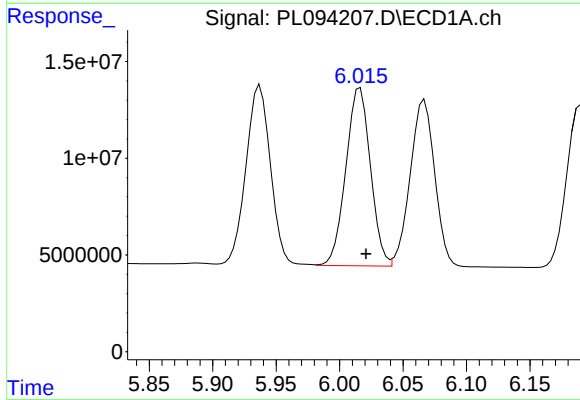
R.T.: 5.937 min  
Delta R.T.: -0.002 min  
Response: 124649745  
Conc: 317.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



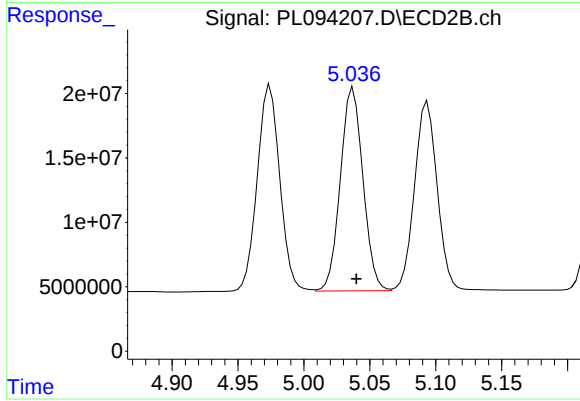
#25 Chlordane-3

R.T.: 4.975 min  
Delta R.T.: -0.003 min  
Response: 191955341  
Conc: 441.46 ng/ml



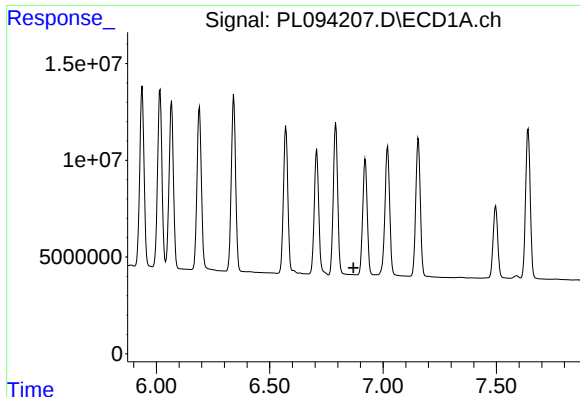
#26 Chlordane-4

R.T.: 6.016 min  
Delta R.T.: -0.005 min  
Response: 124030047  
Conc: 263.83 ng/ml



#26 Chlordane-4

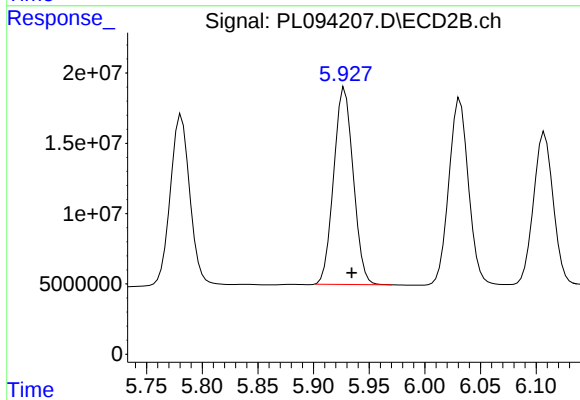
R.T.: 5.037 min  
Delta R.T.: -0.002 min  
Response: 188221174  
Conc: 444.27 ng/ml



#27 Chlordane-5

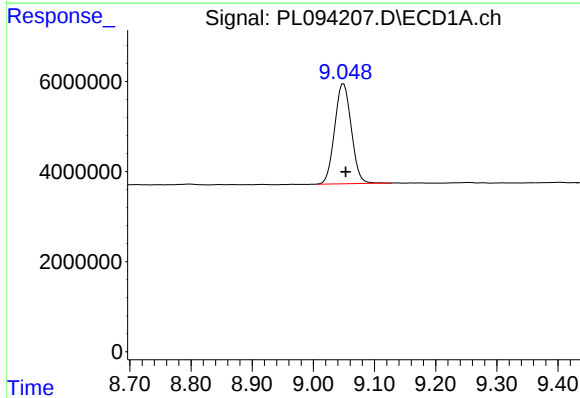
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB166724BS



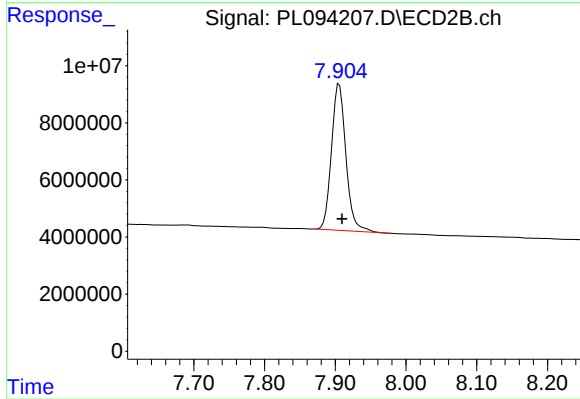
#27 Chlordane-5

R.T.: 5.928 min  
Delta R.T.: -0.006 min  
Response: 170964592  
Conc: 1116.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min  
Delta R.T.: -0.003 min  
Response: 42038273  
Conc: 20.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.906 min  
Delta R.T.: -0.004 min  
Response: 72651888  
Conc: 20.73 ng/ml