

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030625\  
 Data File : PL094529.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Mar 2025 12:28  
 Operator : AR\AJ  
 Sample : PB167011BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB167011BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 07 00:05:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 21 14:52:19 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... | 3.542 | 2.771  | 51553068 | 60238240 | 20.304  | 18.877     |
| 28)                         | SA Decachlor... | 9.061 | 7.909  | 42787137 | 66596752 | 20.114  | 17.317     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.998 | 3.274  | 180.0E6  | 231.7E6  | 47.574  | 47.148     |
| 3)                          | MA gamma-BHC... | 4.331 | 3.604  | 172.5E6  | 218.7E6  | 46.685  | 46.444     |
| 4)                          | MA Heptachlor   | 4.919 | 3.942  | 168.7E6  | 226.4E6  | 49.747  | 47.965     |
| 5)                          | MB Aldrin       | 5.261 | 4.221  | 161.2E6  | 213.2E6  | 46.959  | 46.152     |
| 6)                          | B beta-BHC      | 4.530 | 3.905  | 76315801 | 94625813 | 47.790  | 47.576     |
| 7)                          | B delta-BHC     | 4.777 | 4.133  | 166.2E6  | 215.0E6  | 46.979  | 45.397     |
| 8)                          | B Heptachlo...  | 5.688 | 4.724  | 147.0E6  | 202.7E6  | 48.775  | 47.640     |
| 9)                          | A Endosulfan I  | 6.074 | 5.094  | 134.7E6  | 194.5E6  | 49.017  | 48.781     |
| 10)                         | B gamma-Chl...  | 5.944 | 4.974  | 147.4E6  | 208.4E6  | 50.218  | 48.035     |
| 11)                         | B alpha-Chl...  | 6.023 | 5.038  | 145.6E6  | 206.9E6  | 50.267  | 47.923     |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.227  | 136.2E6  | 205.7E6  | 52.165  | 48.969     |
| 13)                         | MA Dieldrin     | 6.348 | 5.359  | 142.8E6  | 214.4E6  | 50.113  | 48.931     |
| 14)                         | MA Endrin       | 6.579 | 5.634  | 110.1E6  | 185.7E6  | 43.141  | 54.550 #   |
| 15)                         | B Endosulfa...  | 6.799 | 5.930  | 108.5E6  | 190.0E6  | 43.100  | 50.815     |
| 16)                         | A 4,4'-DDD      | 6.715 | 5.783  | 94835800 | 165.6E6  | 51.269  | 51.980     |
| 17)                         | MA 4,4'-DDT     | 7.029 | 6.033  | 102.6E6  | 181.2E6  | 48.849  | 50.932     |
| 18)                         | B Endrin al...  | 6.929 | 6.109  | 80720560 | 145.7E6  | 41.463  | 46.105     |
| 19)                         | B Endosulfa...  | 7.164 | 6.332  | 101.3E6  | 179.4E6  | 44.731  | 48.556     |
| 20)                         | A Methoxychlor  | 7.505 | 6.608  | 55967563 | 92835366 | 50.374  | 47.583     |
| 21)                         | B Endrin ke...  | 7.649 | 6.838  | 121.3E6  | 196.0E6  | 48.373  | 45.928     |
| 22)                         | Mirex           | 8.121 | 7.018  | 89727749 | 147.1E6  | 43.487  | 42.186     |
| 23)                         | Chlordane-1     | 0.000 | 3.763  | 0        | 34347    | N.D.    | 0.253 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.361f | 0        | 965112   | N.D.    | 6.121 #    |
| 25)                         | Chlordane-3     | 5.944 | 4.974  | 147.4E6  | 208.4E6  | 336.750 | 438.703 #  |
| 26)                         | Chlordane-4     | 6.023 | 5.038  | 145.6E6  | 206.9E6  | 274.753 | 440.191 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.930  | 0        | 190.0E6  | N.D.    | 1160.627 # |
| -----                       |                 |       |        |          |          |         |            |

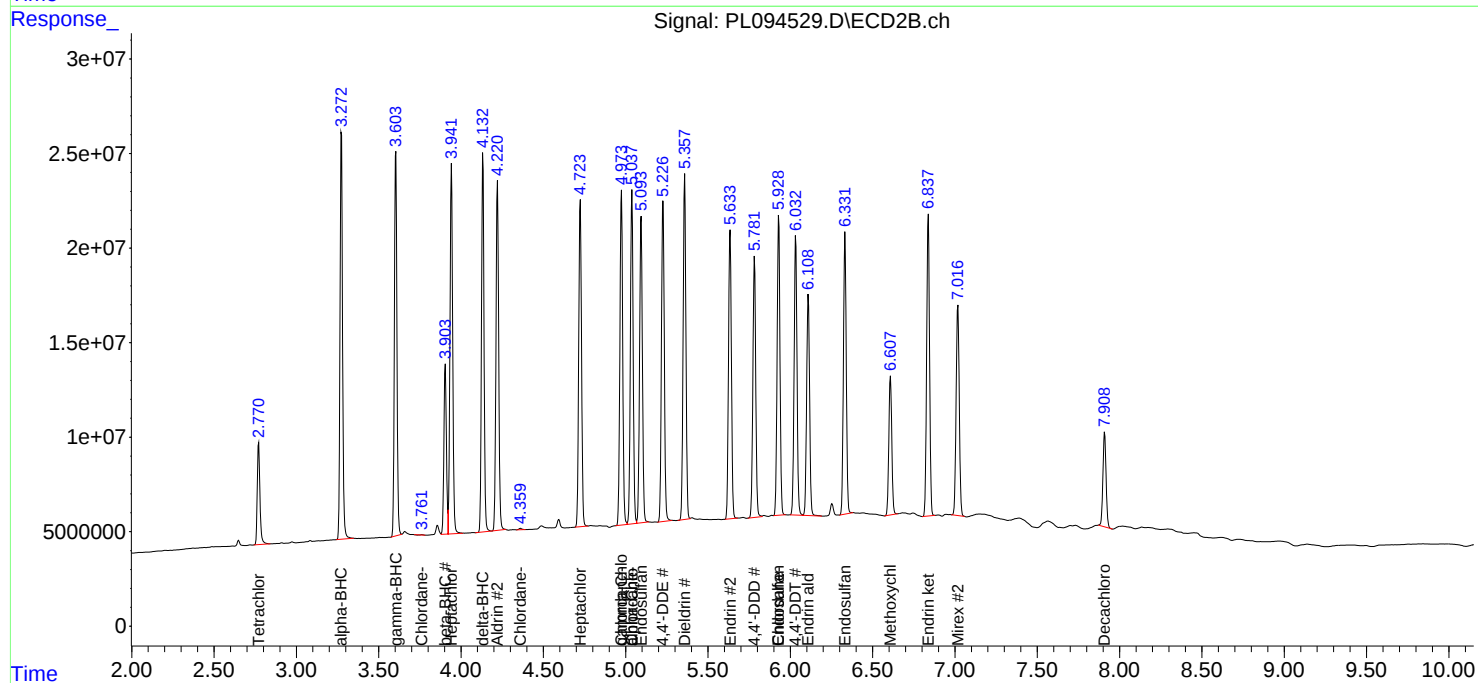
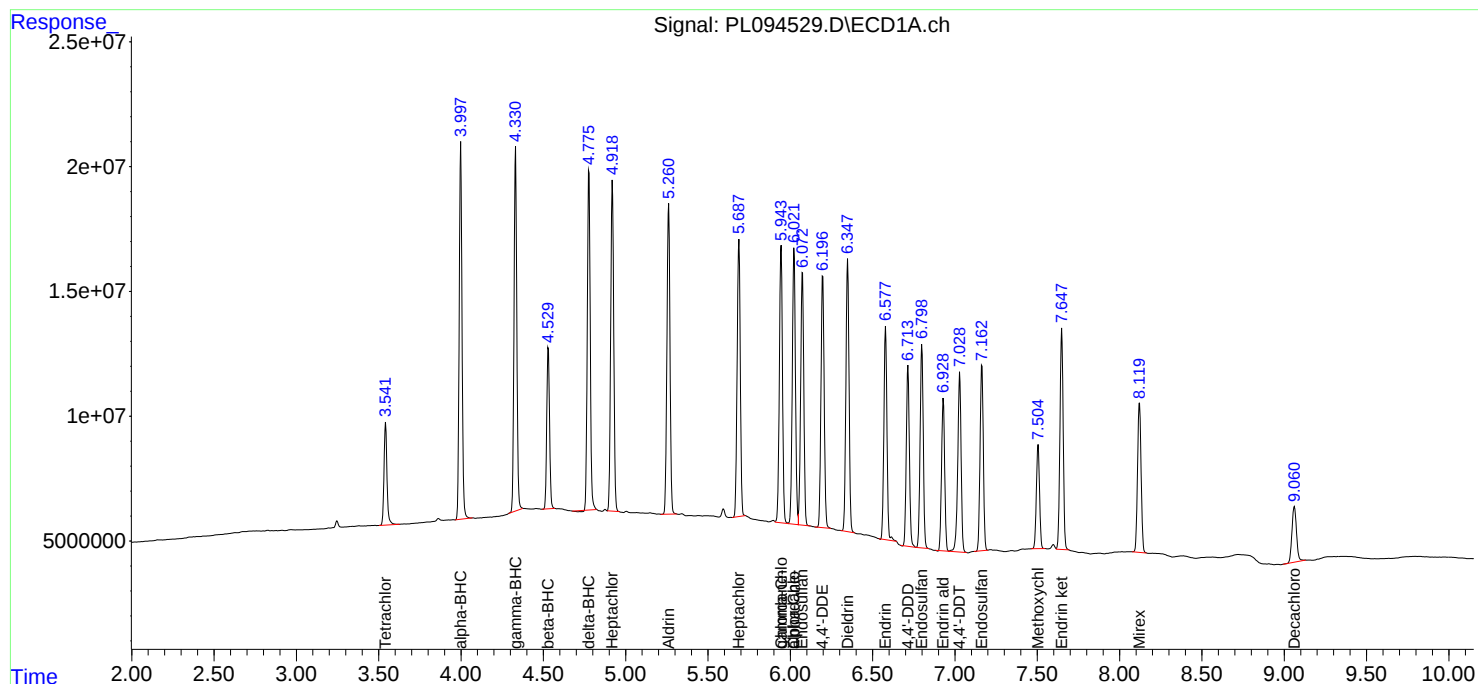
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

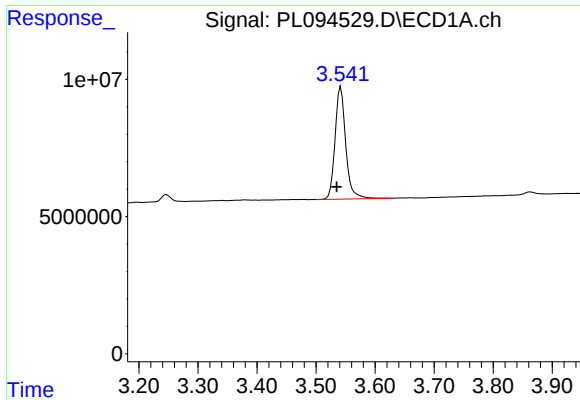
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030625\  
Data File : PL094529.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Mar 2025 12:28  
Operator : AR\AJ  
Sample : PB167011BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 07 00:05:25 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 21 14:52:19 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

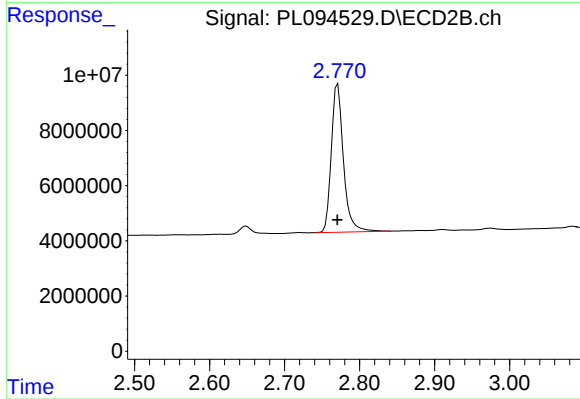




#1 Tetrachloro-m-xylene

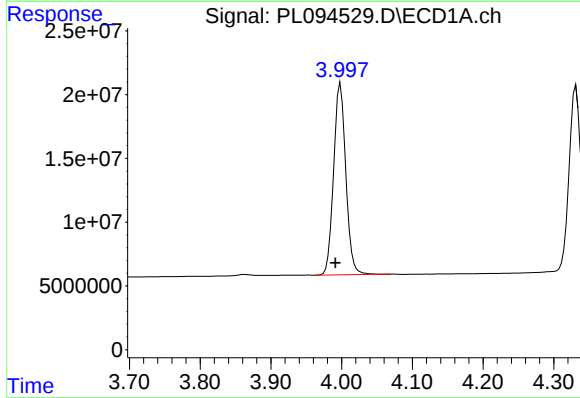
R.T.: 3.542 min  
Delta R.T.: 0.007 min  
Response: 51553068  
Conc: 20.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



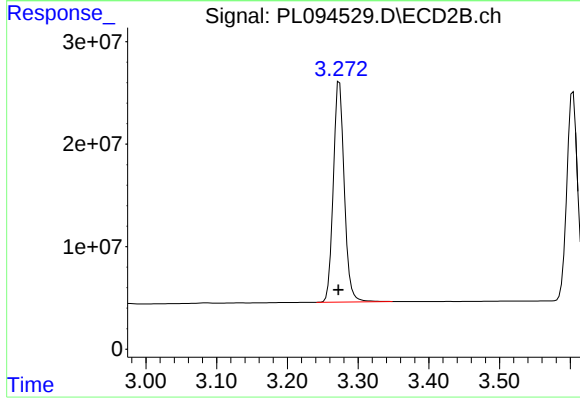
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 60238240  
Conc: 18.88 ng/ml



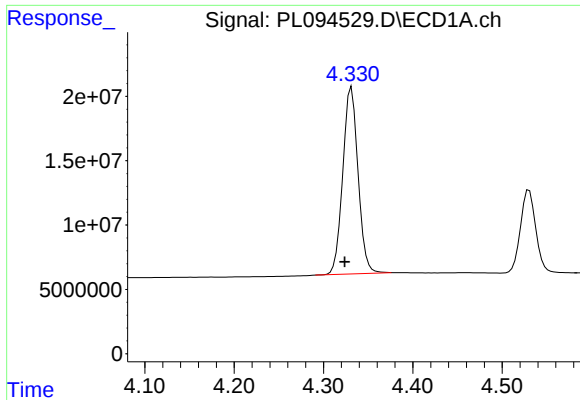
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.007 min  
Response: 179955845  
Conc: 47.57 ng/ml



#2 alpha-BHC

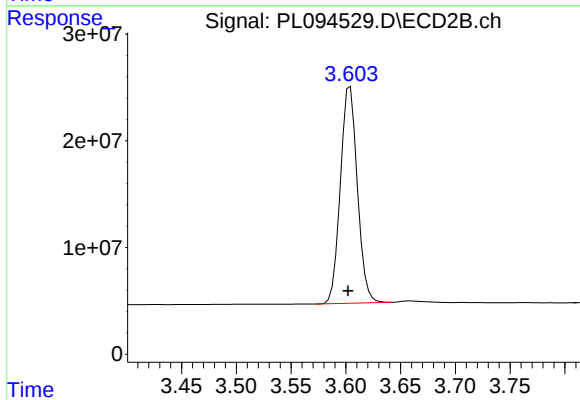
R.T.: 3.274 min  
Delta R.T.: 0.001 min  
Response: 231723256  
Conc: 47.15 ng/ml



#3 gamma-BHC (Lindane)

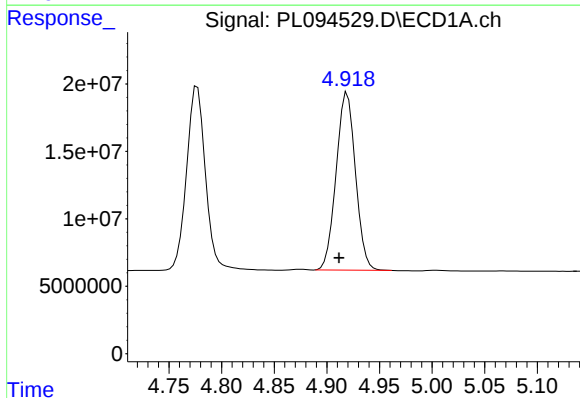
R.T.: 4.331 min  
Delta R.T.: 0.008 min  
Response: 172488214  
Conc: 46.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



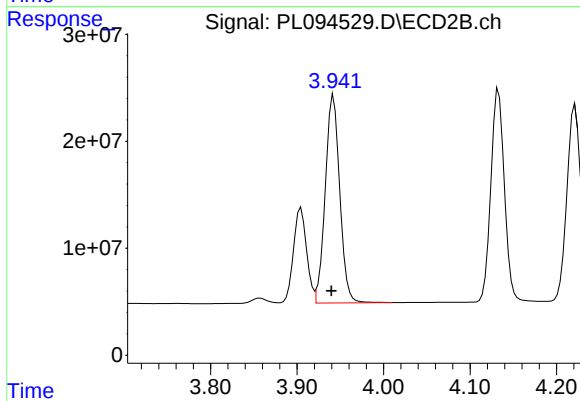
#3 gamma-BHC (Lindane)

R.T.: 3.604 min  
Delta R.T.: 0.002 min  
Response: 218748600  
Conc: 46.44 ng/ml



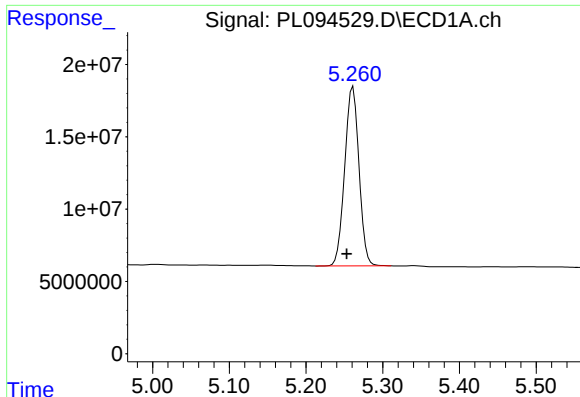
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: 0.008 min  
Response: 168658461  
Conc: 49.75 ng/ml



#4 Heptachlor

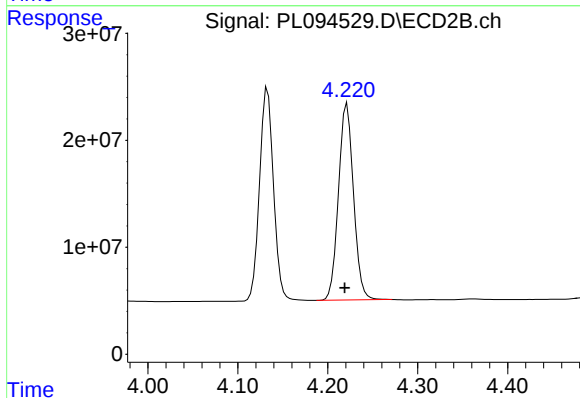
R.T.: 3.942 min  
Delta R.T.: 0.003 min  
Response: 226408397  
Conc: 47.96 ng/ml



#5 Aldrin

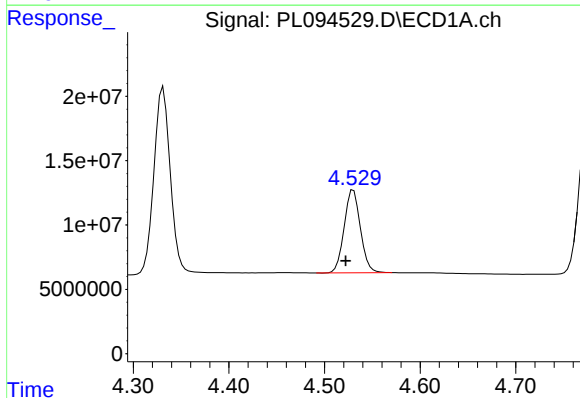
R.T.: 5.261 min  
Delta R.T.: 0.008 min  
Response: 161152979  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



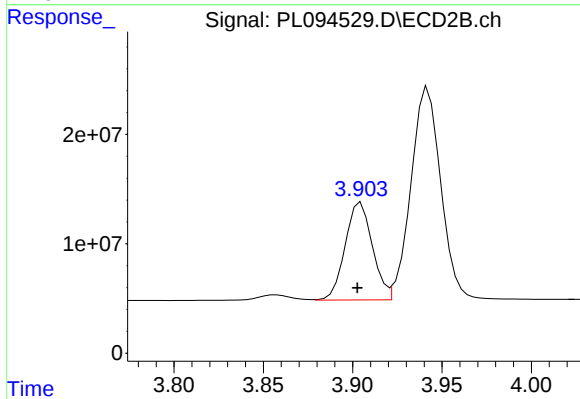
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: 0.002 min  
Response: 213238944  
Conc: 46.15 ng/ml



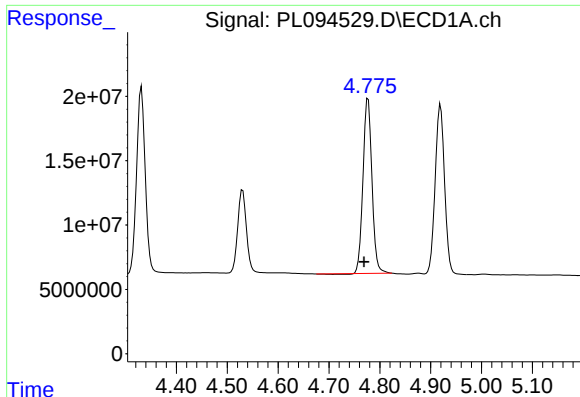
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.008 min  
Response: 76315801  
Conc: 47.79 ng/ml



#6 beta-BHC

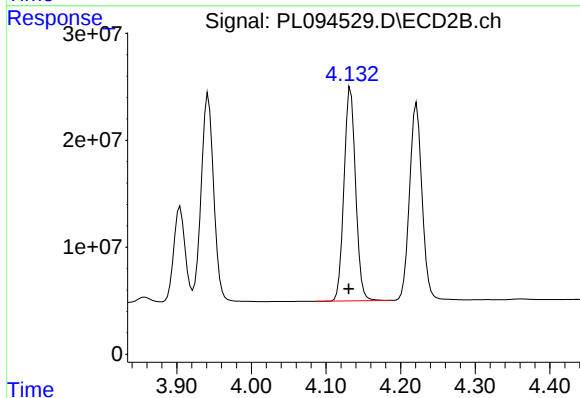
R.T.: 3.905 min  
Delta R.T.: 0.002 min  
Response: 94625813  
Conc: 47.58 ng/ml



#7 delta-BHC

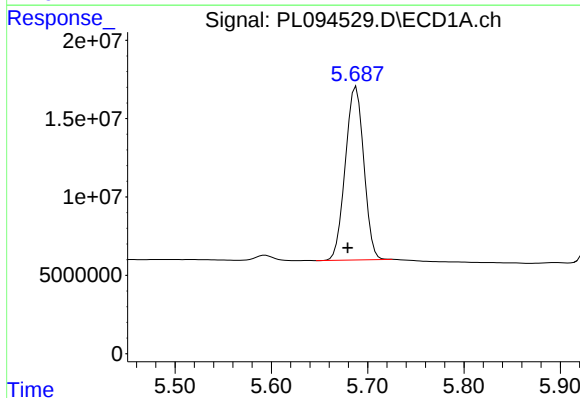
R.T.: 4.777 min  
Delta R.T.: 0.008 min  
Response: 166224121  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



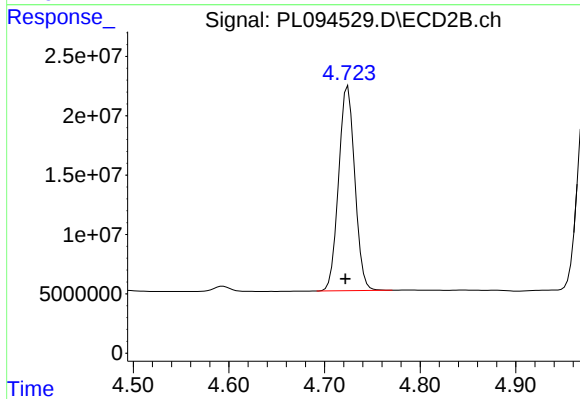
#7 delta-BHC

R.T.: 4.133 min  
Delta R.T.: 0.003 min  
Response: 214987245  
Conc: 45.40 ng/ml



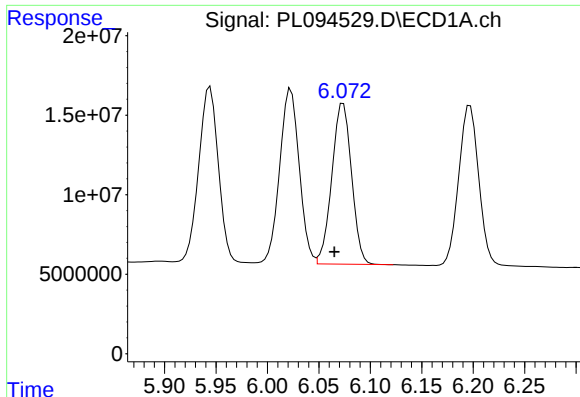
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.009 min  
Response: 146977117  
Conc: 48.77 ng/ml



#8 Heptachlor epoxide

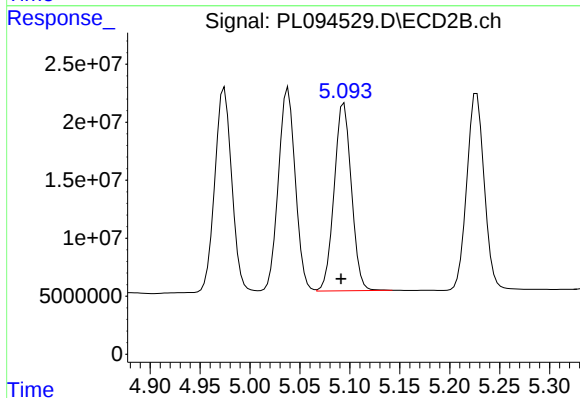
R.T.: 4.724 min  
Delta R.T.: 0.002 min  
Response: 202724755  
Conc: 47.64 ng/ml



#9 Endosulfan I

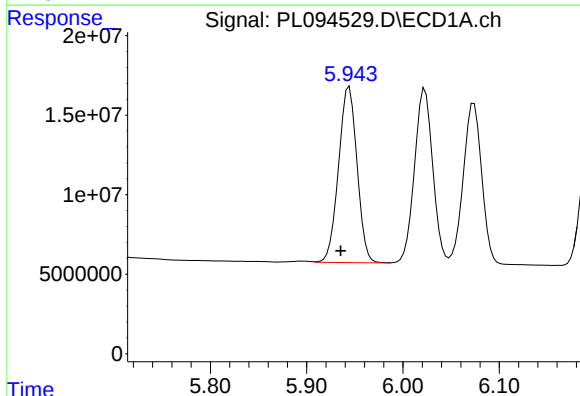
R.T.: 6.074 min  
Delta R.T.: 0.009 min  
Response: 134729064  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



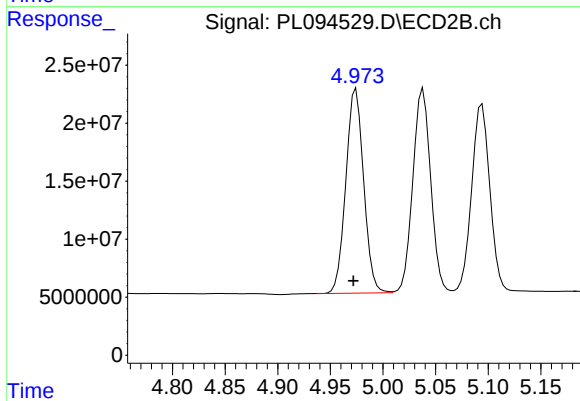
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: 0.003 min  
Response: 194469784  
Conc: 48.78 ng/ml



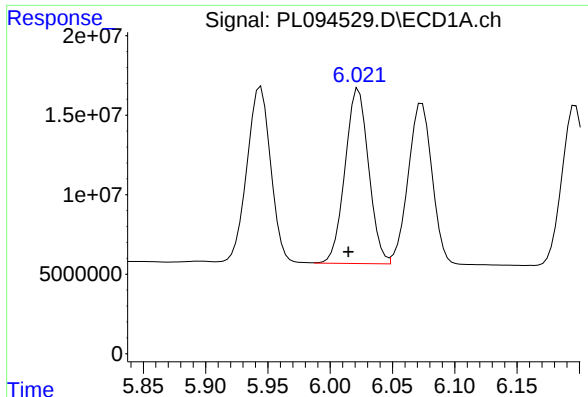
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.009 min  
Response: 147448182  
Conc: 50.22 ng/ml



#10 gamma-Chlordane

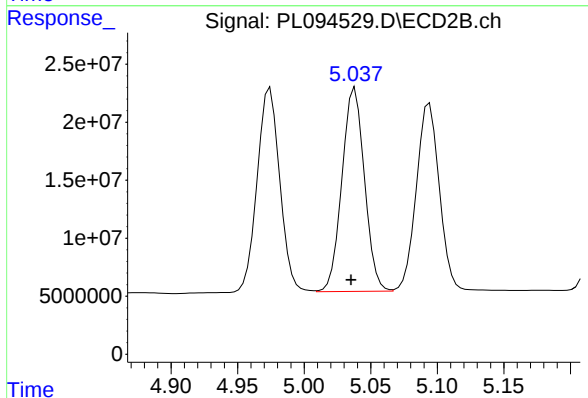
R.T.: 4.974 min  
Delta R.T.: 0.002 min  
Response: 208417297  
Conc: 48.04 ng/ml



#11 alpha-Chlordane

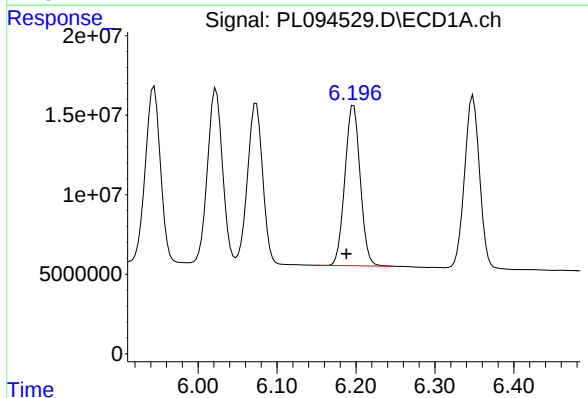
R.T.: 6.023 min  
Delta R.T.: 0.008 min  
Response: 145627367  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



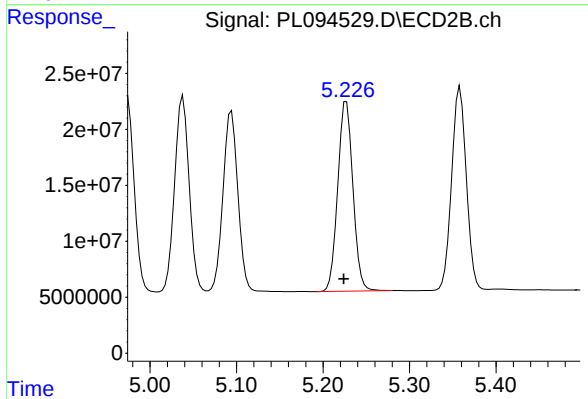
#11 alpha-Chlordane

R.T.: 5.038 min  
Delta R.T.: 0.003 min  
Response: 206914251  
Conc: 47.92 ng/ml



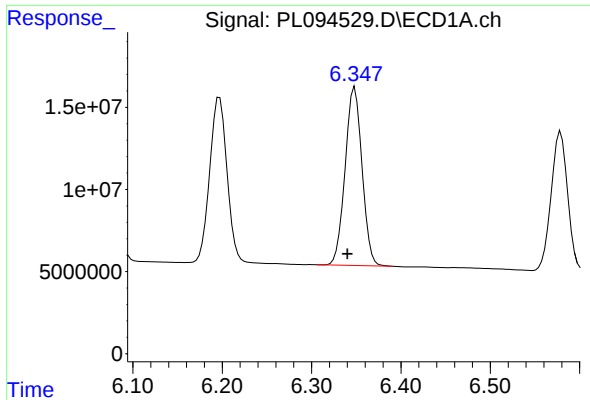
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: 0.009 min  
Response: 136239699  
Conc: 52.16 ng/ml



#12 4,4'-DDE

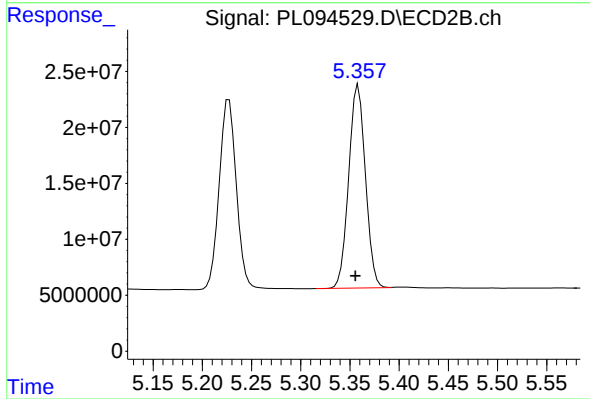
R.T.: 5.227 min  
Delta R.T.: 0.003 min  
Response: 205668112  
Conc: 48.97 ng/ml



#13 Dieldrin

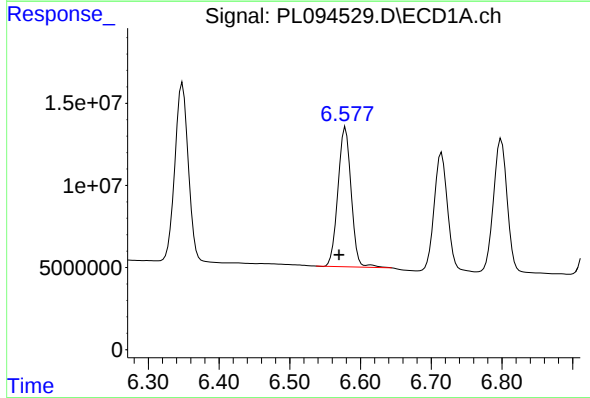
R.T.: 6.348 min  
Delta R.T.: 0.008 min  
Response: 142773657  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



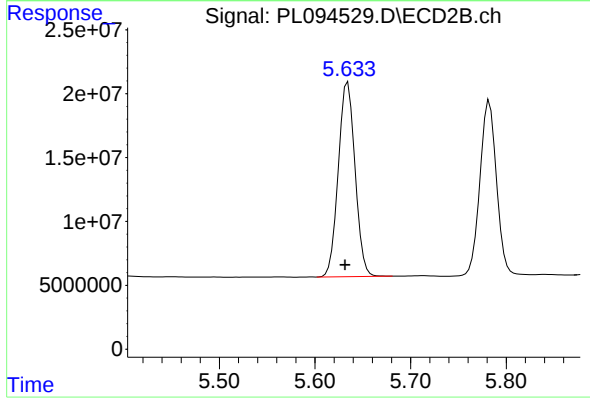
#13 Dieldrin

R.T.: 5.359 min  
Delta R.T.: 0.003 min  
Response: 214405803  
Conc: 48.93 ng/ml



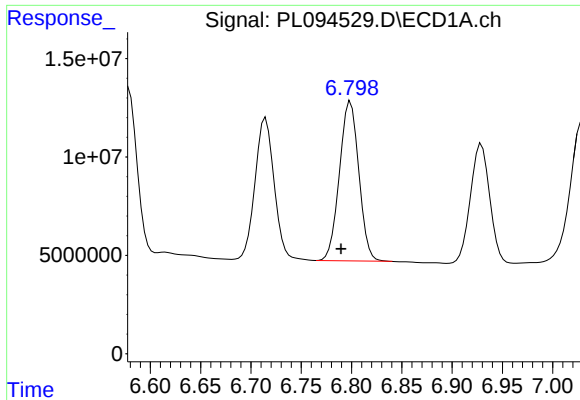
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.009 min  
Response: 110107704  
Conc: 43.14 ng/ml



#14 Endrin

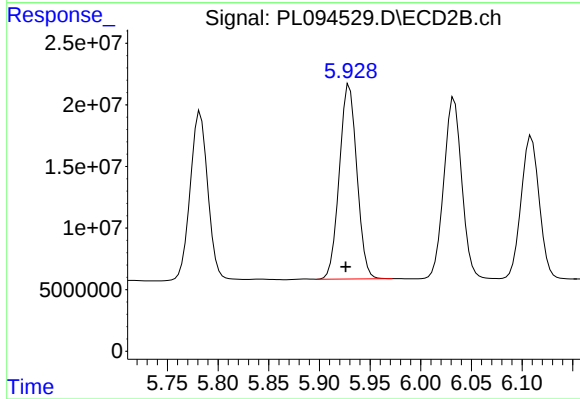
R.T.: 5.634 min  
Delta R.T.: 0.003 min  
Response: 185726370  
Conc: 54.55 ng/ml



#15 Endosulfan II

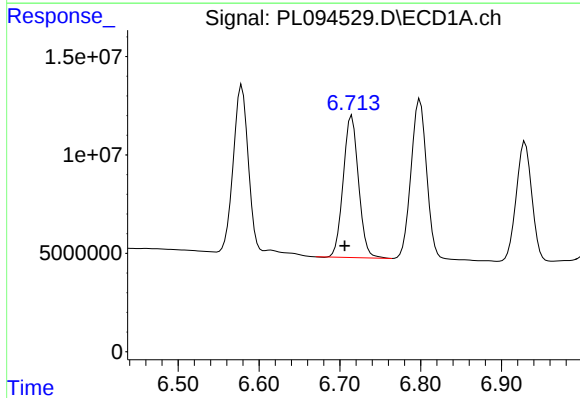
R.T.: 6.799 min  
Delta R.T.: 0.010 min  
Response: 108494342  
Conc: 43.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



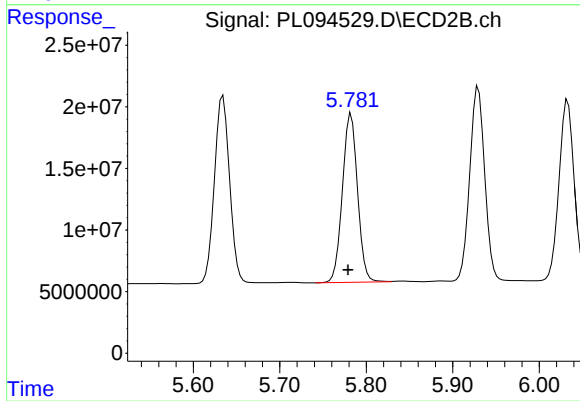
#15 Endosulfan II

R.T.: 5.930 min  
Delta R.T.: 0.004 min  
Response: 190025234  
Conc: 50.82 ng/ml



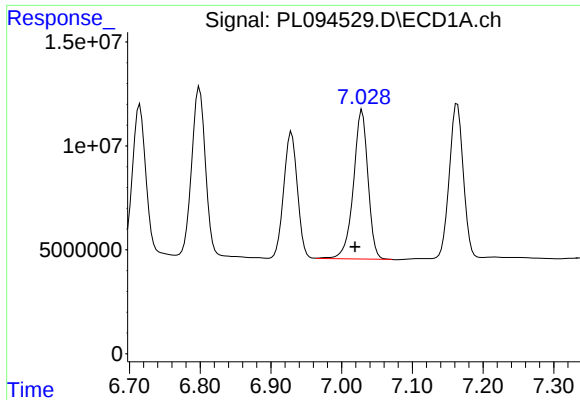
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.009 min  
Response: 94835800  
Conc: 51.27 ng/ml



#16 4,4'-DDD

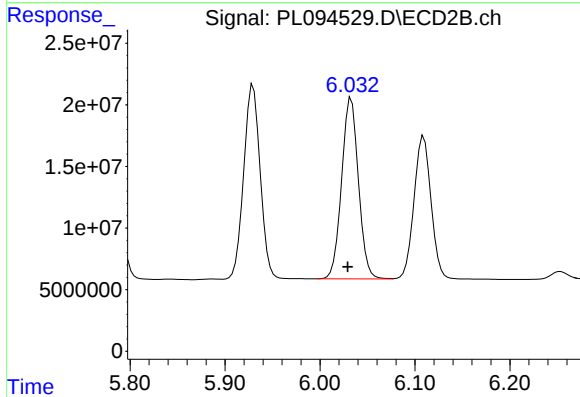
R.T.: 5.783 min  
Delta R.T.: 0.004 min  
Response: 165571537  
Conc: 51.98 ng/ml



#17 4,4'-DDT

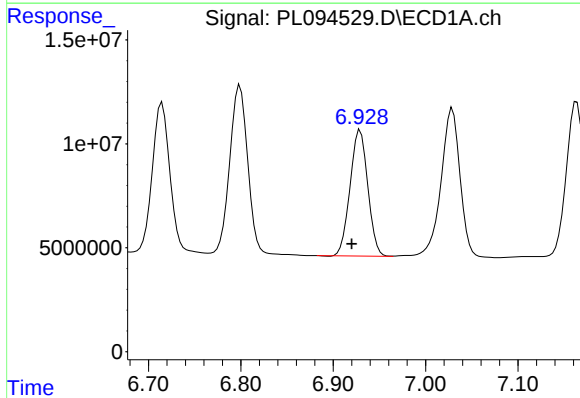
R.T.: 7.029 min  
Delta R.T.: 0.010 min  
Response: 102584506  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



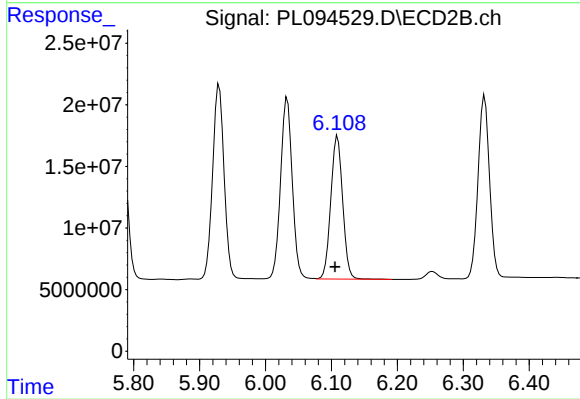
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.004 min  
Response: 181166672  
Conc: 50.93 ng/ml



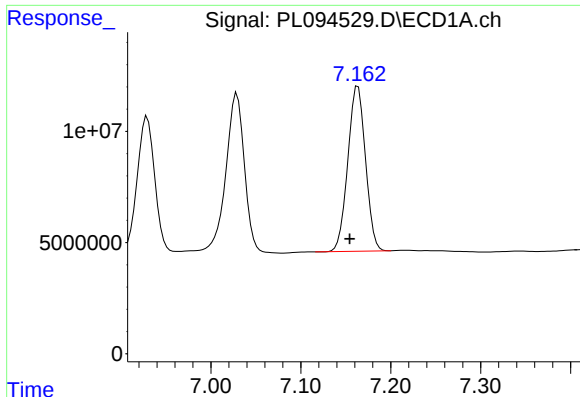
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.009 min  
Response: 80720560  
Conc: 41.46 ng/ml



#18 Endrin aldehyde

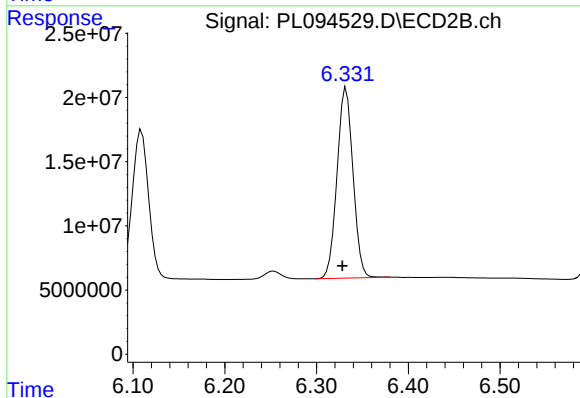
R.T.: 6.109 min  
Delta R.T.: 0.004 min  
Response: 145711748  
Conc: 46.11 ng/ml



#19 Endosulfan Sulfate

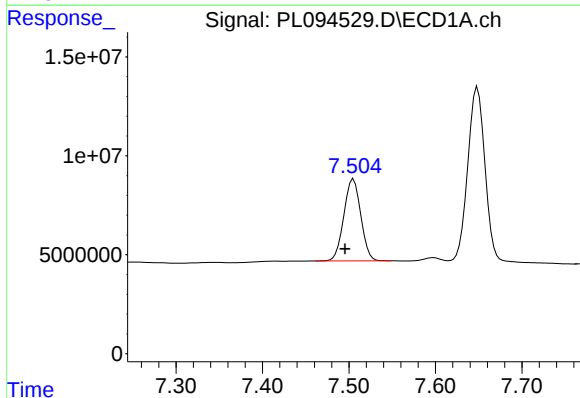
R.T.: 7.164 min  
Delta R.T.: 0.009 min  
Response: 101263991  
Conc: 44.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



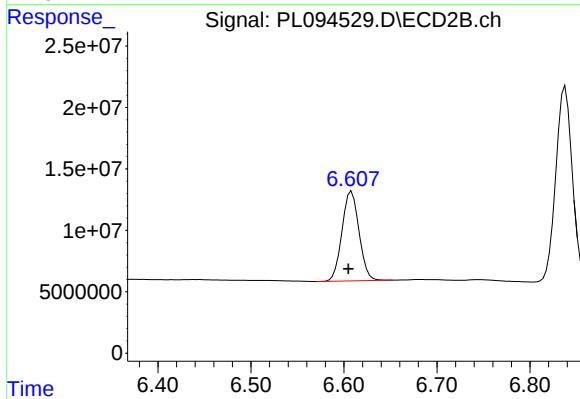
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: 0.004 min  
Response: 179350466  
Conc: 48.56 ng/ml



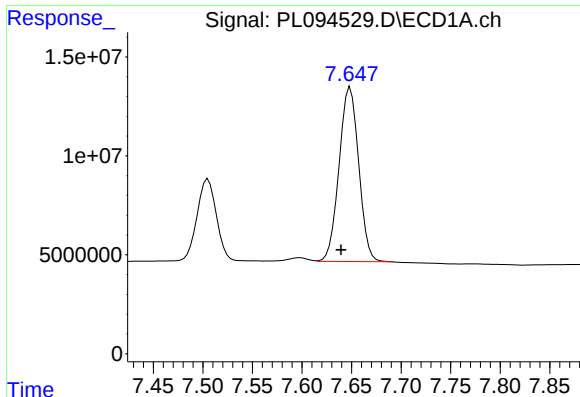
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.010 min  
Response: 55967563  
Conc: 50.37 ng/ml



#20 Methoxychlor

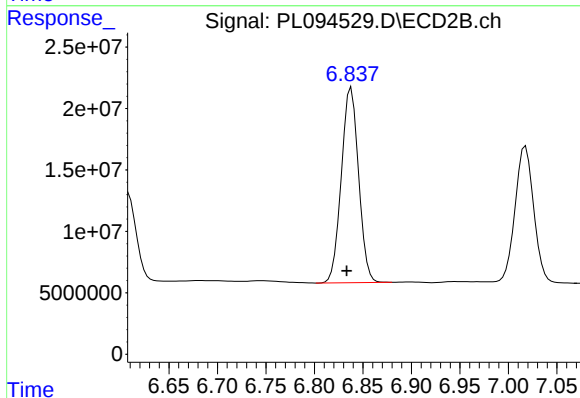
R.T.: 6.608 min  
Delta R.T.: 0.003 min  
Response: 92835366  
Conc: 47.58 ng/ml



#21 Endrin ketone

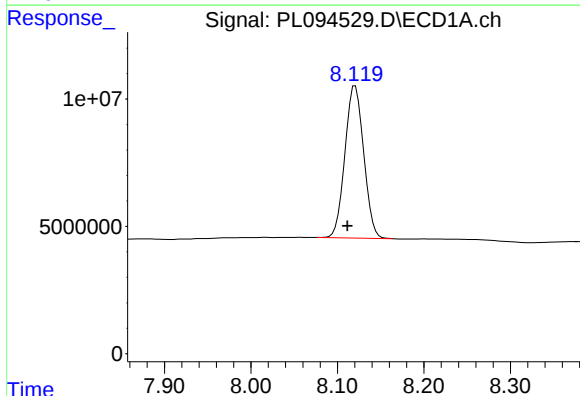
R.T.: 7.649 min  
Delta R.T.: 0.009 min  
Response: 121267734  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



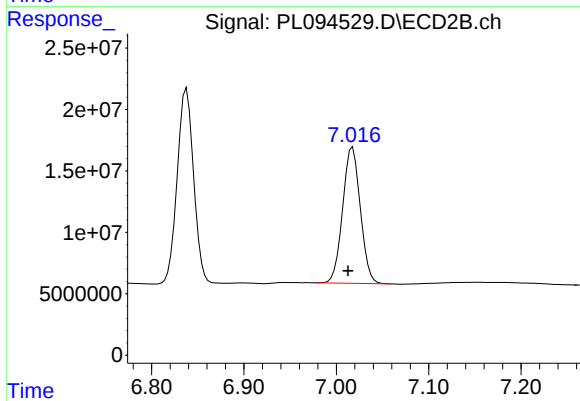
#21 Endrin ketone

R.T.: 6.838 min  
Delta R.T.: 0.005 min  
Response: 195998199  
Conc: 45.93 ng/ml



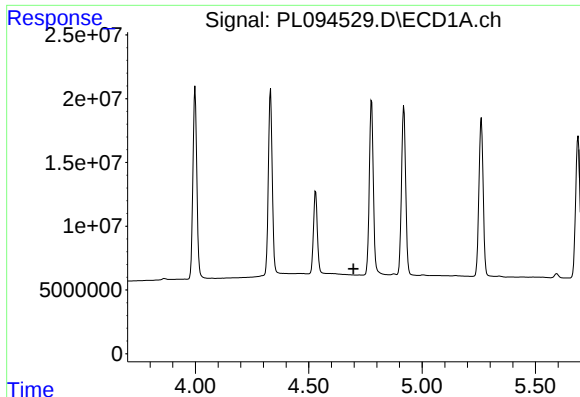
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.009 min  
Response: 89727749  
Conc: 43.49 ng/ml



#22 Mirex

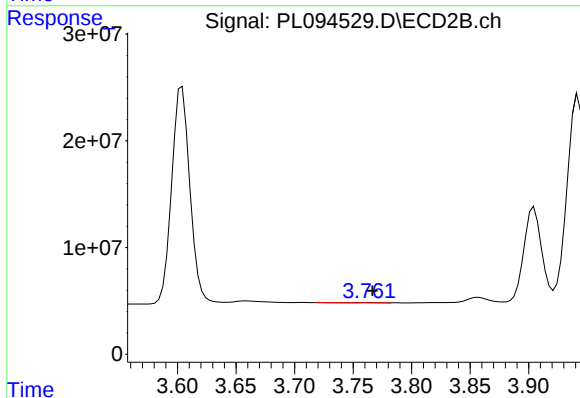
R.T.: 7.018 min  
Delta R.T.: 0.005 min  
Response: 147104971  
Conc: 42.19 ng/ml



#23 Chlordane-1

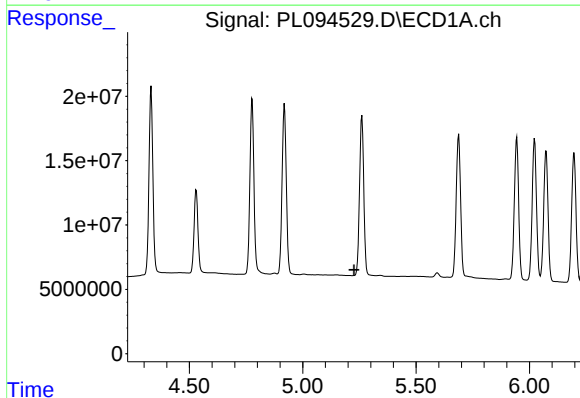
R.T.: 0.000 min  
Exp R.T.: 4.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



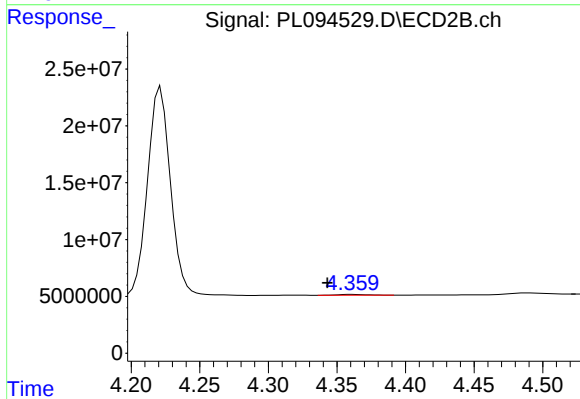
#23 Chlordane-1

R.T.: 3.763 min  
Delta R.T.: -0.004 min  
Response: 34347  
Conc: 0.25 ng/ml



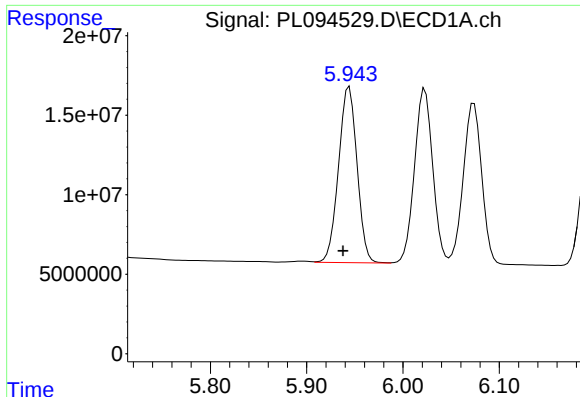
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.227 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

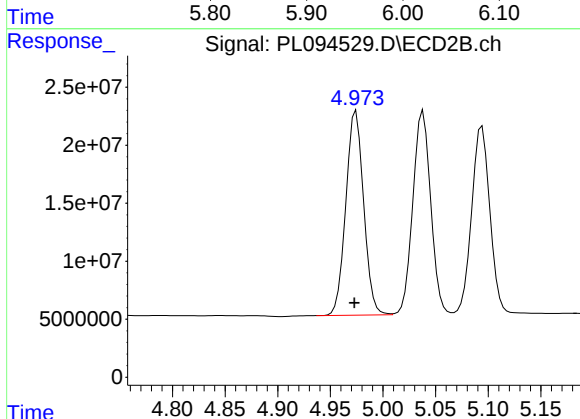
R.T.: 4.361 min  
Delta R.T.: 0.018 min  
Response: 965112  
Conc: 6.12 ng/ml



#25 Chlordane-3

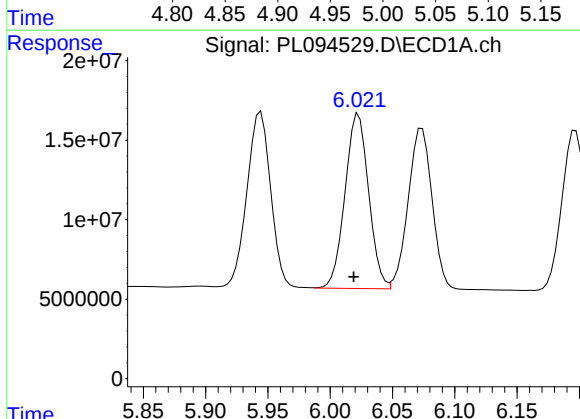
R.T.: 5.944 min  
Delta R.T.: 0.007 min  
Response: 147448182  
Conc: 336.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



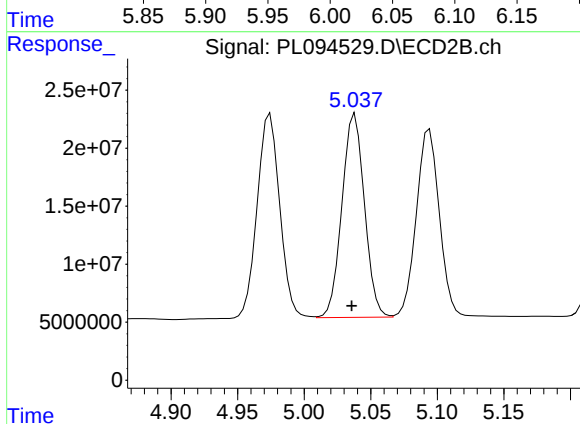
#25 Chlordane-3

R.T.: 4.974 min  
Delta R.T.: 0.001 min  
Response: 208417297  
Conc: 438.70 ng/ml



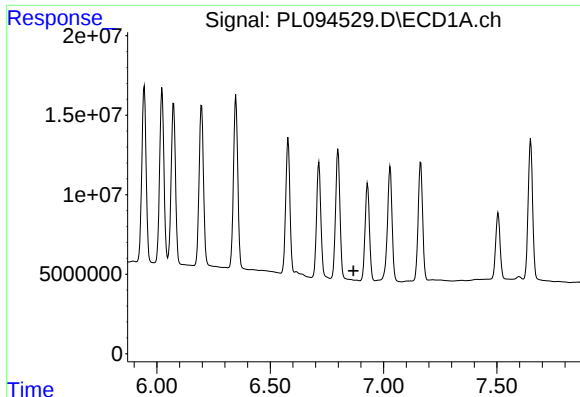
#26 Chlordane-4

R.T.: 6.023 min  
Delta R.T.: 0.004 min  
Response: 145627367  
Conc: 274.75 ng/ml



#26 Chlordane-4

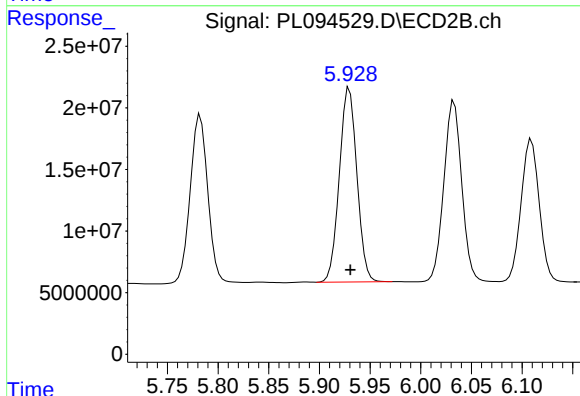
R.T.: 5.038 min  
Delta R.T.: 0.003 min  
Response: 206914251  
Conc: 440.19 ng/ml



#27 Chlordane-5

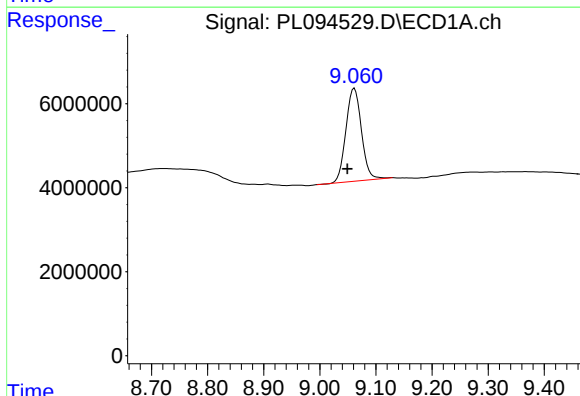
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB167011BS



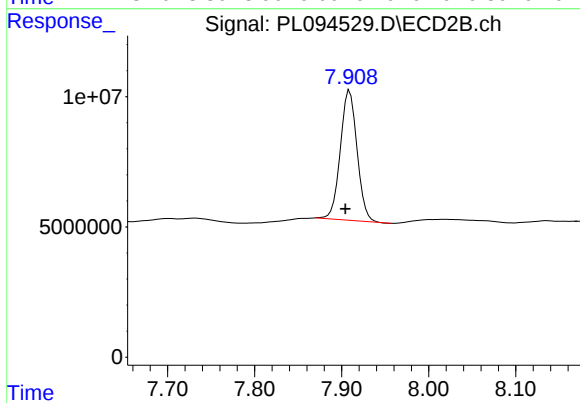
#27 Chlordane-5

R.T.: 5.930 min  
Delta R.T.: -0.001 min  
Response: 190025234  
Conc: 1160.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.013 min  
Response: 42787137  
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: 0.005 min  
Response: 66596752  
Conc: 17.32 ng/ml