

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072718\  
 Data File : PL038673.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2018 18:05  
 Operator : AJ\SJ  
 Sample : PB111494BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB111494BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 27 22:52:50 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.325 | 3.928 | 156.4E6 | 59913161 | 20.999  | 22.825     |
| 28)                         | SA Decachlor... | 7.993 | 8.936 | 155.6E6 | 57190530 | 20.512  | 23.396     |
| Target Compounds            |                 |       |       |         |          |         |            |
| 2)                          | A alpha-BHC     | 3.754 | 4.307 | 612.6E6 | 235.2E6  | 51.851  | 60.766     |
| 3)                          | MA gamma-BHC... | 4.030 | 4.587 | 564.1E6 | 210.8E6  | 53.809  | 58.357     |
| 4)                          | MA Heptachlor   | 4.313 | 5.097 | 568.0E6 | 206.6E6  | 53.401  | 64.624     |
| 5)                          | MB Aldrin       | 4.552 | 5.399 | 567.4E6 | 194.3E6  | 54.211  | 62.961     |
| 6)                          | B beta-BHC      | 4.284 | 4.749 | 255.4E6 | 95389235 | 54.110  | 62.885     |
| 7)                          | B delta-BHC     | 4.478 | 4.963 | 603.7E6 | 211.6E6  | 55.615  | 63.808     |
| 8)                          | B Heptachlo...  | 4.989 | 5.779 | 527.3E6 | 176.0E6  | 55.931  | 61.923     |
| 9)                          | A Endosulfan I  | 5.320 | 6.131 | 481.2E6 | 155.6E6  | 55.635  | 60.513     |
| 10)                         | B gamma-Chl...  | 5.211 | 6.012 | 552.6E6 | 174.3E6  | 55.904  | 60.130     |
| 11)                         | B alpha-Chl...  | 5.267 | 6.085 | 528.2E6 | 172.7E6  | 55.796  | 60.252     |
| 12)                         | B 4,4'-DDE      | 5.436 | 6.241 | 528.6E6 | 164.8E6  | 55.132  | 61.624     |
| 13)                         | MA Dieldrin     | 5.559 | 6.385 | 453.0E6 | 165.0E6  | 47.134  | 60.636 #   |
| 14)                         | MA Endrin       | 5.812 | 6.600 | 474.3E6 | 145.7E6  | 54.586  | 61.028     |
| 15)                         | B Endosulfa...  | 6.087 | 6.803 | 450.7E6 | 140.5E6  | 56.833  | 58.499     |
| 16)                         | A 4,4'-DDD      | 5.947 | 6.723 | 452.4E6 | 127.1E6  | 61.678  | 59.388     |
| 17)                         | MA 4,4'-DDT     | 6.181 | 7.021 | 387.6E6 | 115.8E6  | 52.173  | 54.302     |
| 18)                         | B Endrin al...  | 6.255 | 6.926 | 364.2E6 | 119.7E6  | 57.198  | 61.359     |
| 19)                         | B Endosulfa...  | 6.466 | 7.148 | 449.0E6 | 128.1E6  | 59.449  | 58.785     |
| 20)                         | A Methoxychlor  | 6.730 | 7.477 | 206.5E6 | 68569219 | 53.674  | 60.219     |
| 21)                         | B Endrin ke...  | 6.949 | 7.612 | 465.2E6 | 145.4E6  | 59.290  | 61.008     |
| 24)                         | Chlordane-2     | 0.000 | 5.399 | 0       | 194.3E6  | N.D.    | 1622.643 # |
| 25)                         | Chlordane-3     | 5.211 | 6.012 | 552.6E6 | 174.3E6  | 474.977 | 427.382    |
| 26)                         | Chlordane-4     | 5.267 | 6.085 | 528.2E6 | 172.7E6  | 502.344 | 351.499 #  |
| 27)                         | Chlordane-5     | 5.905 | 6.926 | 8097670 | 119.7E6  | 50.568  | 1336.633 # |
| -----                       |                 |       |       |         |          |         |            |

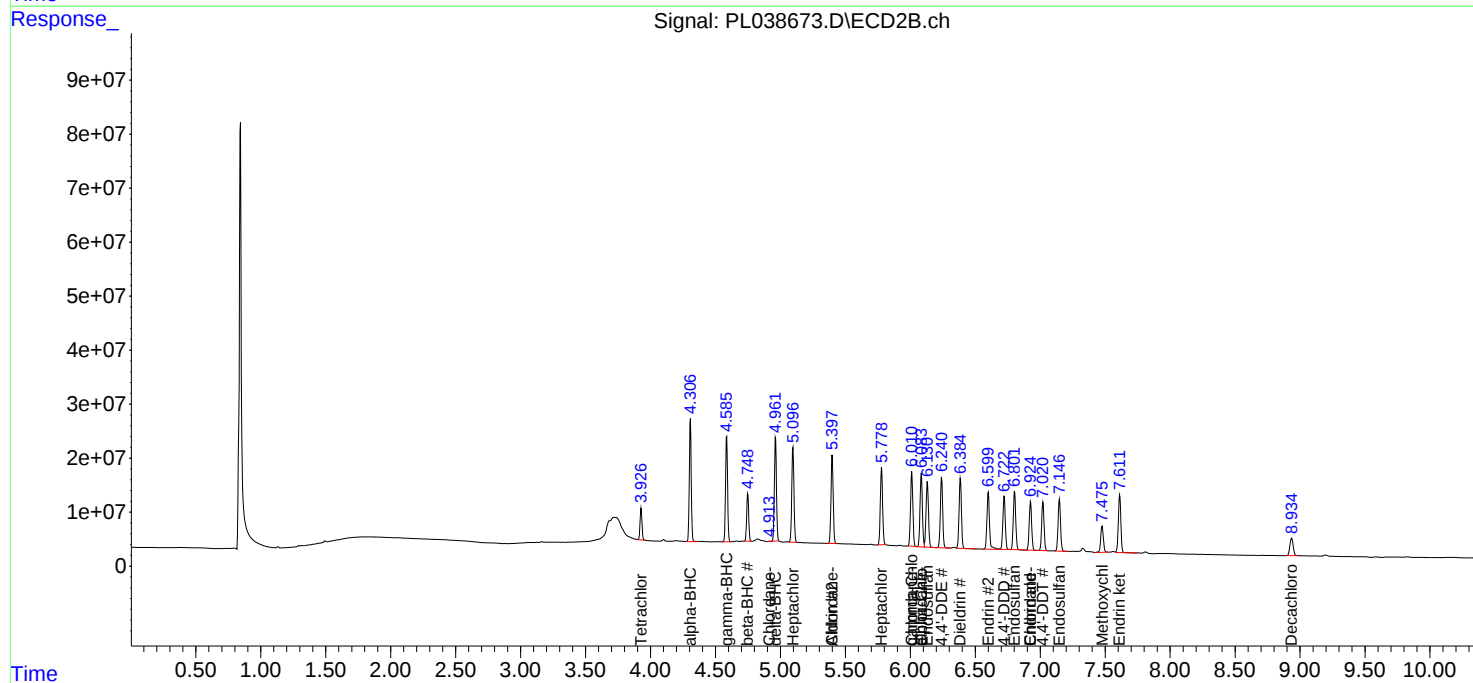
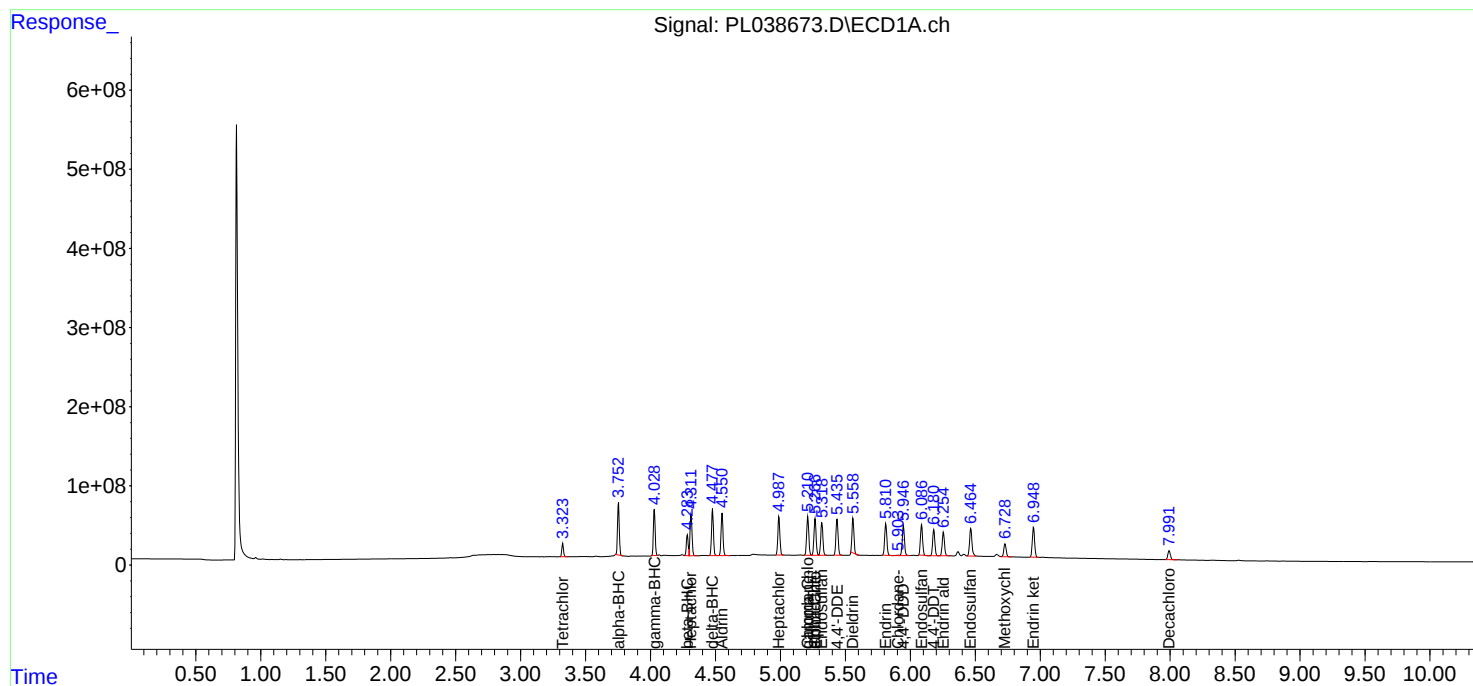
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

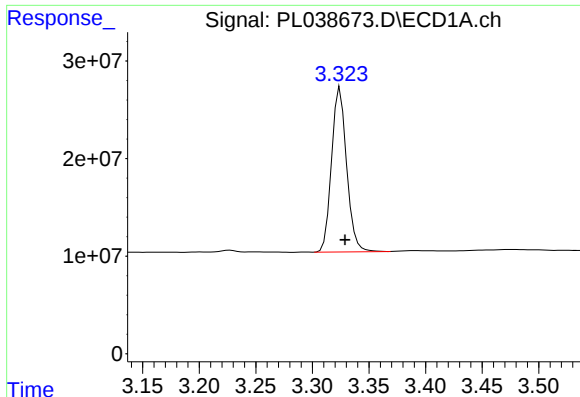
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072718\  
Data File : PL038673.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2018 18:05  
Operator : AJ\SJ  
Sample : PB111494BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 27 22:52:50 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
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QLast Update : Sat Jul 14 00:12:12 2018  
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Volume Inj. : 2 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

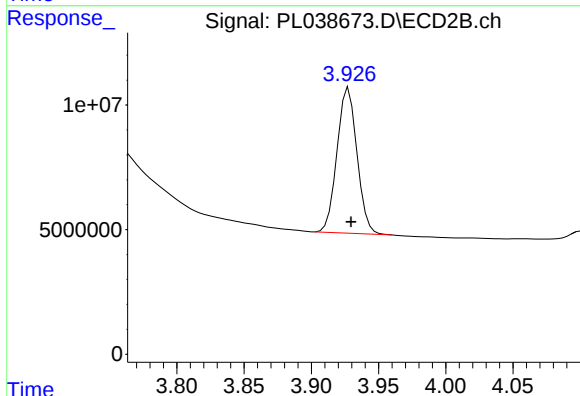




#1 Tetrachloro-m-xylene

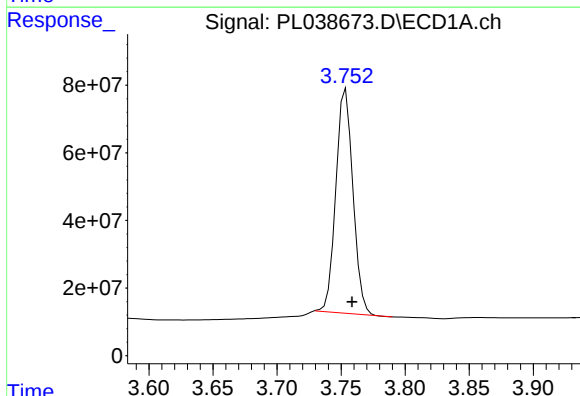
R.T.: 3.325 min  
Delta R.T.: -0.005 min  
Response: 156368092  
Conc: 21.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



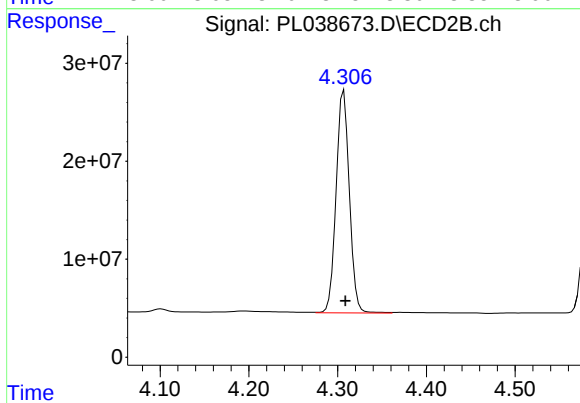
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 59913161  
Conc: 22.82 ng/ml



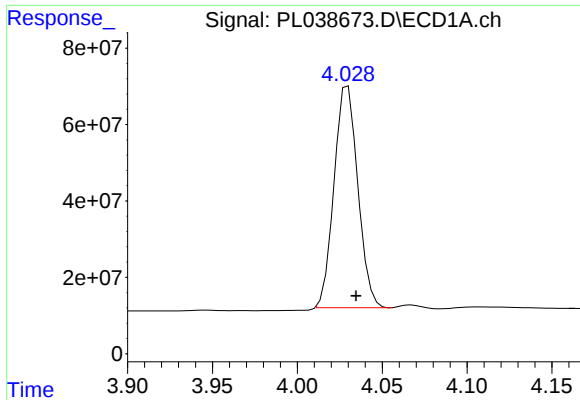
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.005 min  
Response: 612638426  
Conc: 51.85 ng/ml



#2 alpha-BHC

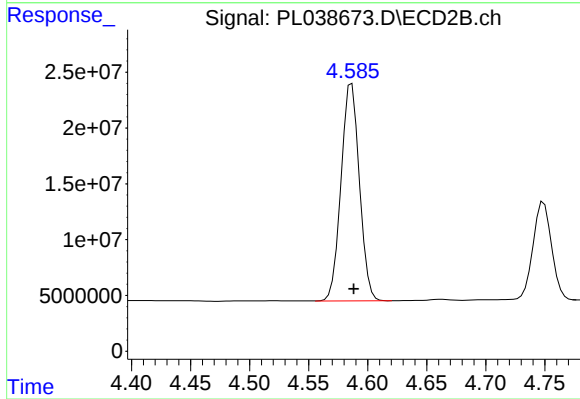
R.T.: 4.307 min  
Delta R.T.: -0.002 min  
Response: 235173736  
Conc: 60.77 ng/ml



#3 gamma-BHC (Lindane)

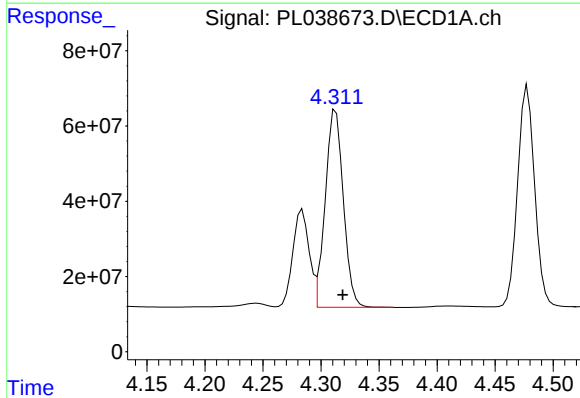
R.T.: 4.030 min  
Delta R.T.: -0.005 min  
Response: 564120492  
Conc: 53.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



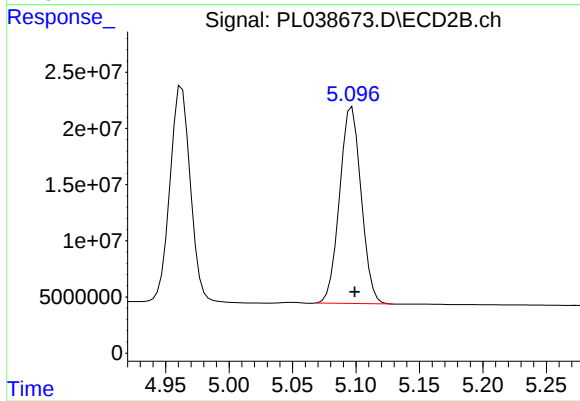
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.002 min  
Response: 210775139  
Conc: 58.36 ng/ml



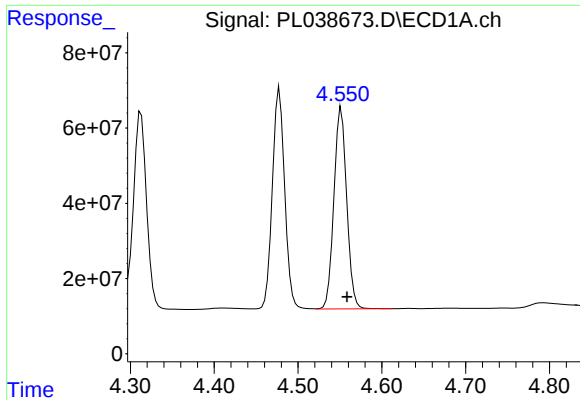
#4 Heptachlor

R.T.: 4.313 min  
Delta R.T.: -0.006 min  
Response: 568042617  
Conc: 53.40 ng/ml



#4 Heptachlor

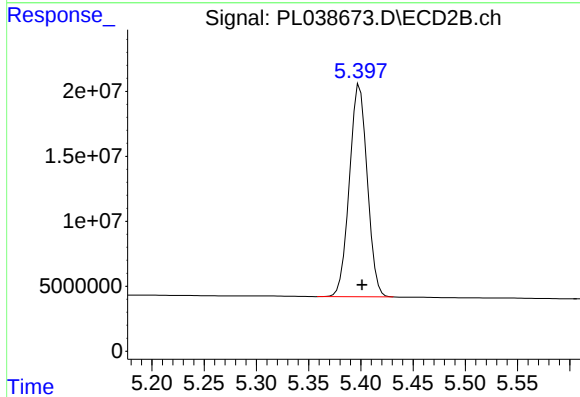
R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 206552481  
Conc: 64.62 ng/ml



#5 Aldrin

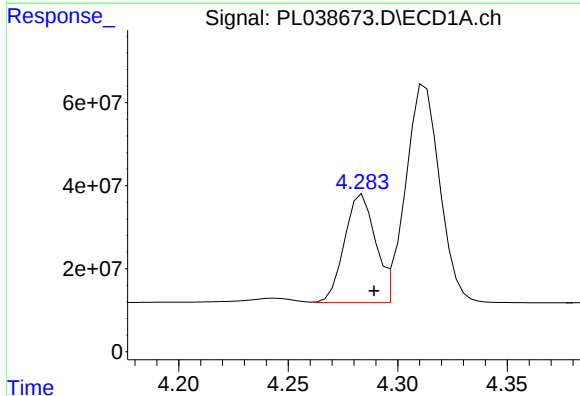
R.T.: 4.552 min  
Delta R.T.: -0.007 min  
Response: 567442585  
Conc: 54.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



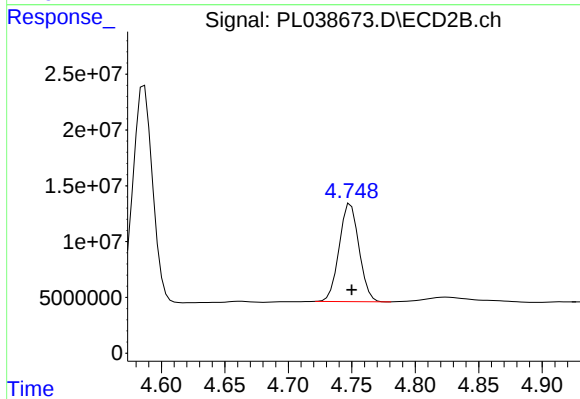
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 194311632  
Conc: 62.96 ng/ml



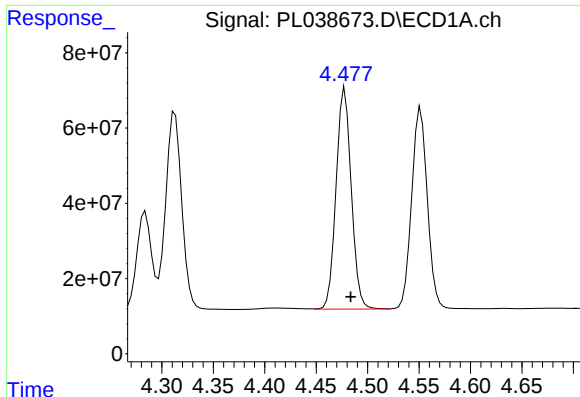
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.005 min  
Response: 255419966  
Conc: 54.11 ng/ml



#6 beta-BHC

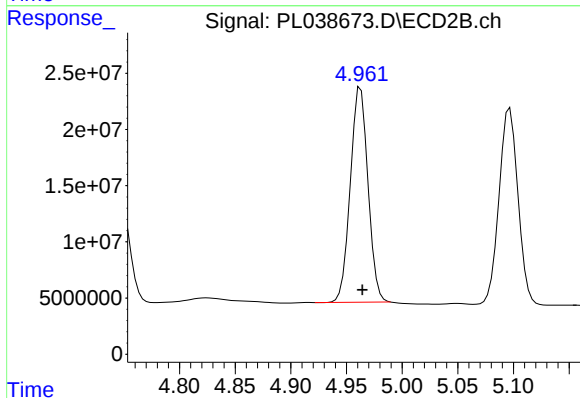
R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 95389235  
Conc: 62.88 ng/ml



#7 delta-BHC

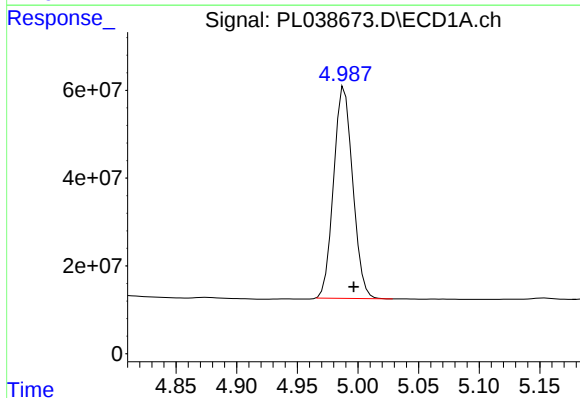
R.T.: 4.478 min  
Delta R.T.: -0.006 min  
Response: 603655891  
Conc: 55.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



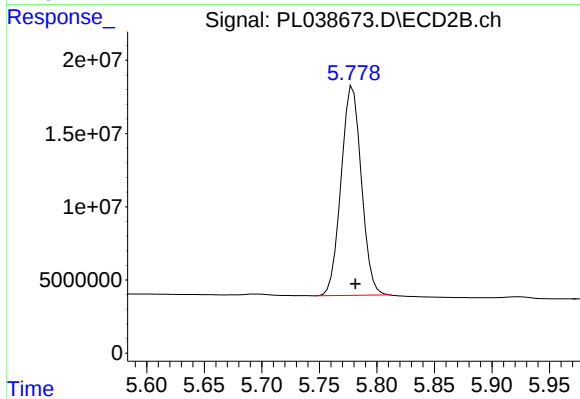
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: -0.002 min  
Response: 211627311  
Conc: 63.81 ng/ml



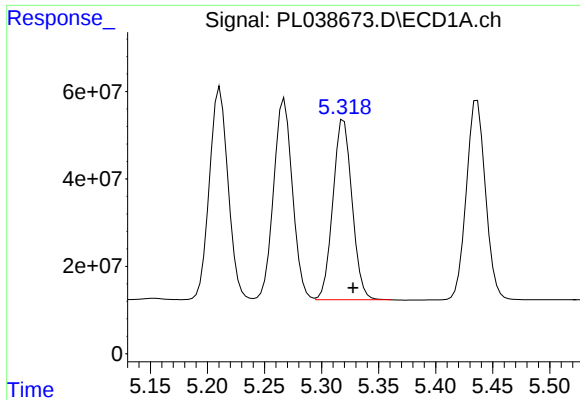
#8 Heptachlor epoxide

R.T.: 4.989 min  
Delta R.T.: -0.008 min  
Response: 527344758  
Conc: 55.93 ng/ml



#8 Heptachlor epoxide

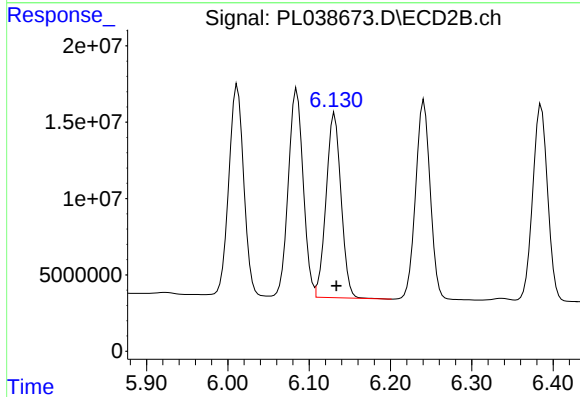
R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 175978012  
Conc: 61.92 ng/ml



#9 Endosulfan I

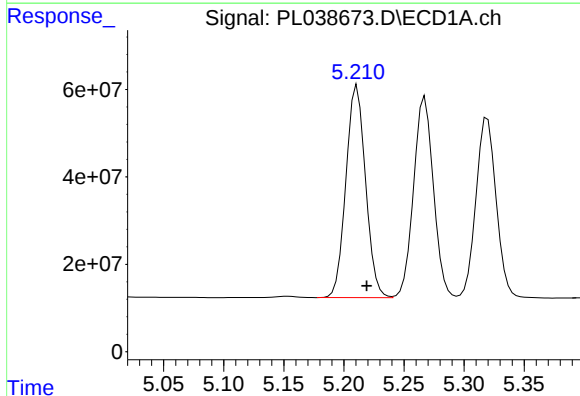
R.T.: 5.320 min  
Delta R.T.: -0.008 min  
Response: 481226402  
Conc: 55.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



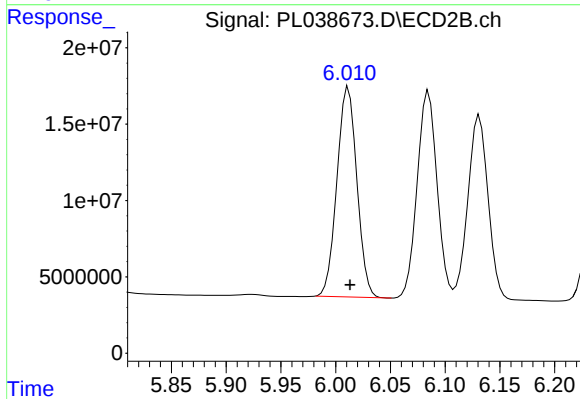
#9 Endosulfan I

R.T.: 6.131 min  
Delta R.T.: -0.002 min  
Response: 155626167  
Conc: 60.51 ng/ml



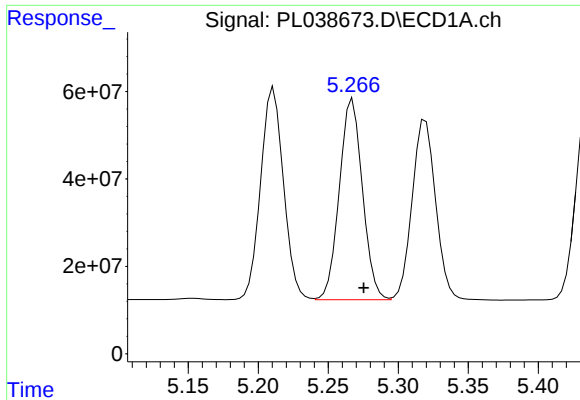
#10 gamma-Chlordane

R.T.: 5.211 min  
Delta R.T.: -0.008 min  
Response: 552555868  
Conc: 55.90 ng/ml



#10 gamma-Chlordane

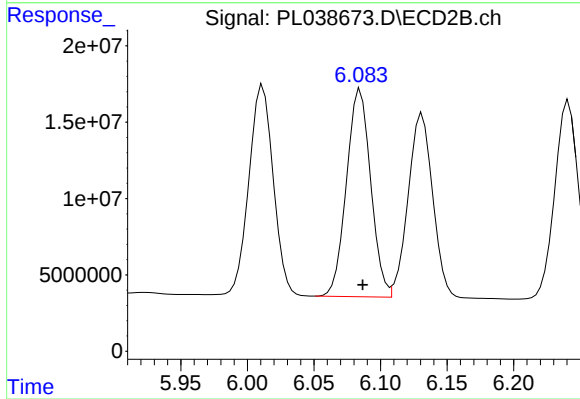
R.T.: 6.012 min  
Delta R.T.: -0.001 min  
Response: 174329210  
Conc: 60.13 ng/ml



#11 alpha-Chlordane

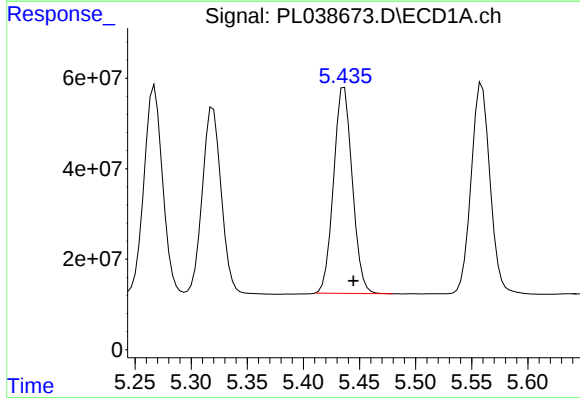
R.T.: 5.267 min  
Delta R.T.: -0.008 min  
Response: 528155090  
Conc: 55.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



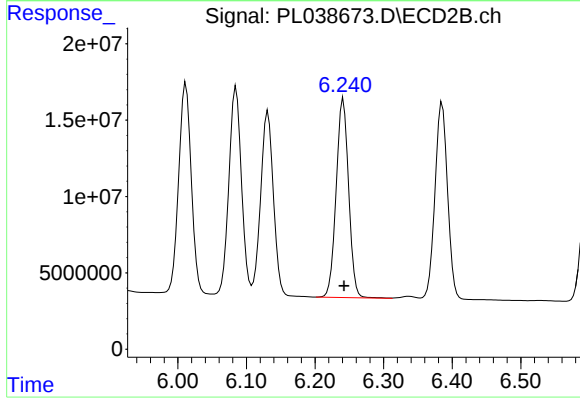
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 172696346  
Conc: 60.25 ng/ml



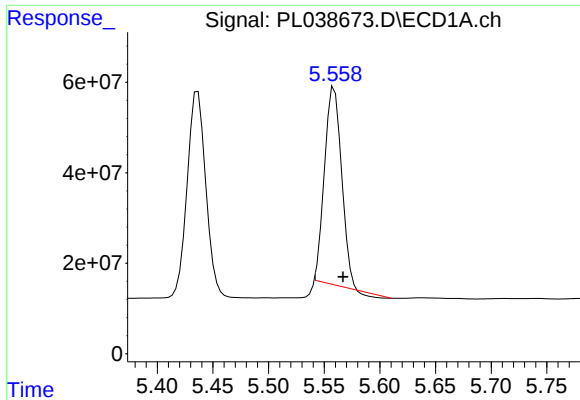
#12 4,4'-DDE

R.T.: 5.436 min  
Delta R.T.: -0.008 min  
Response: 528600368  
Conc: 55.13 ng/ml



#12 4,4'-DDE

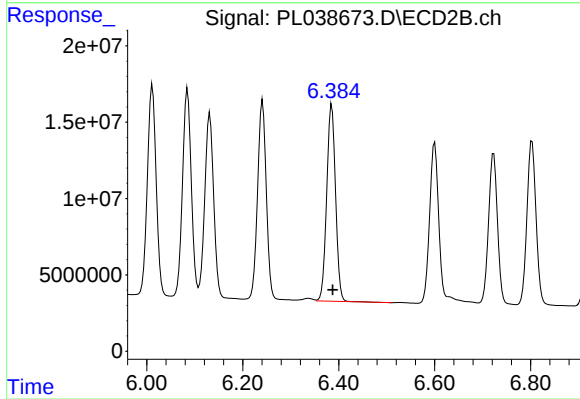
R.T.: 6.241 min  
Delta R.T.: -0.001 min  
Response: 164786650  
Conc: 61.62 ng/ml



#13 Dieldrin

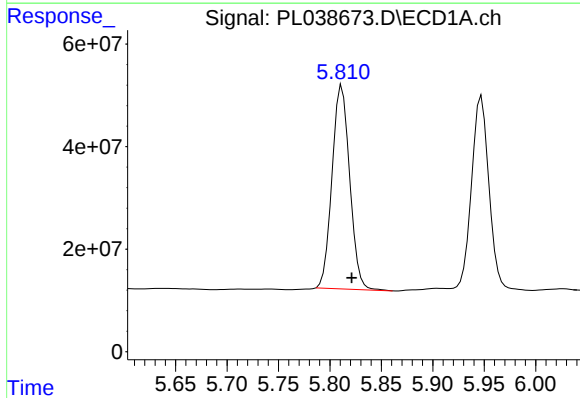
R.T.: 5.559 min  
Delta R.T.: -0.008 min  
Response: 452969770  
Conc: 47.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



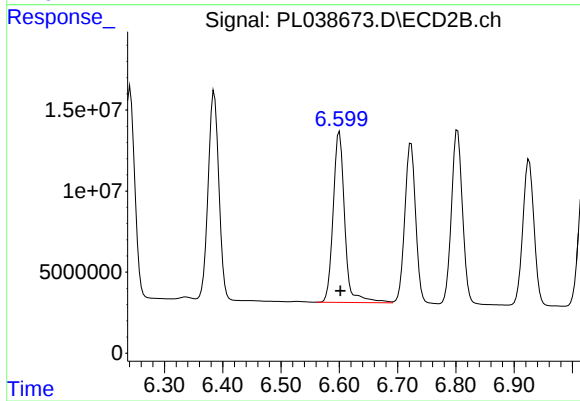
#13 Dieldrin

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 165039079  
Conc: 60.64 ng/ml



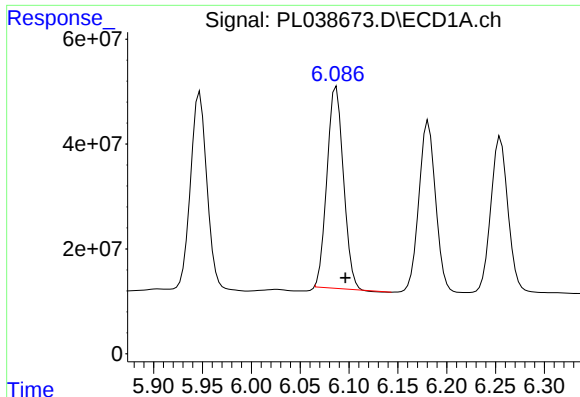
#14 Endrin

R.T.: 5.812 min  
Delta R.T.: -0.009 min  
Response: 474261399  
Conc: 54.59 ng/ml



#14 Endrin

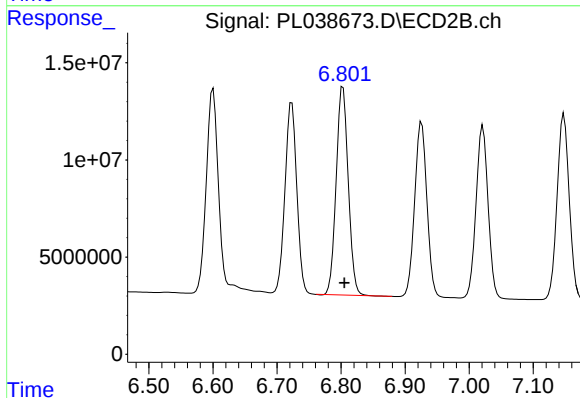
R.T.: 6.600 min  
Delta R.T.: -0.002 min  
Response: 145744389  
Conc: 61.03 ng/ml



#15 Endosulfan II

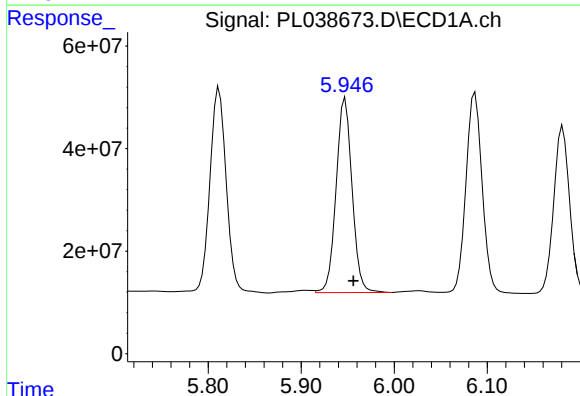
R.T.: 6.087 min  
Delta R.T.: -0.009 min  
Response: 450694151  
Conc: 56.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



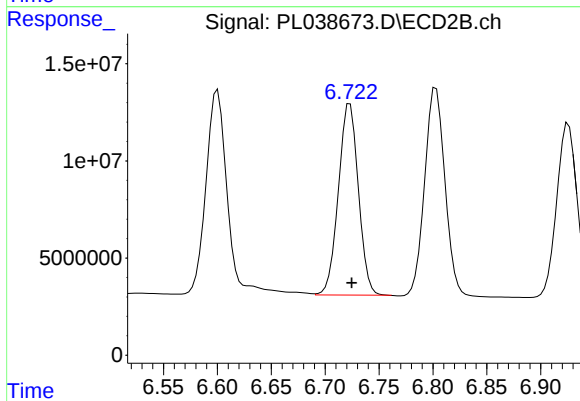
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 140478873  
Conc: 58.50 ng/ml



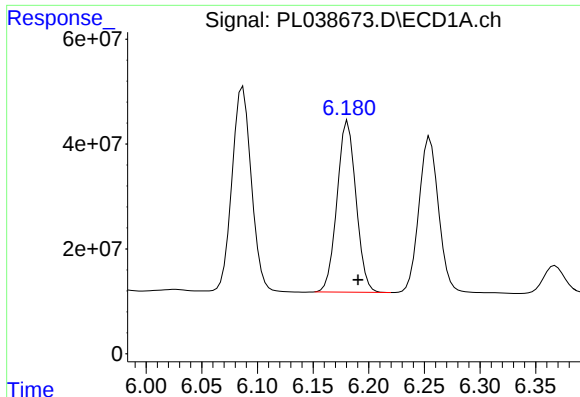
#16 4,4'-DDD

R.T.: 5.947 min  
Delta R.T.: -0.009 min  
Response: 452447101  
Conc: 61.68 ng/ml



#16 4,4'-DDD

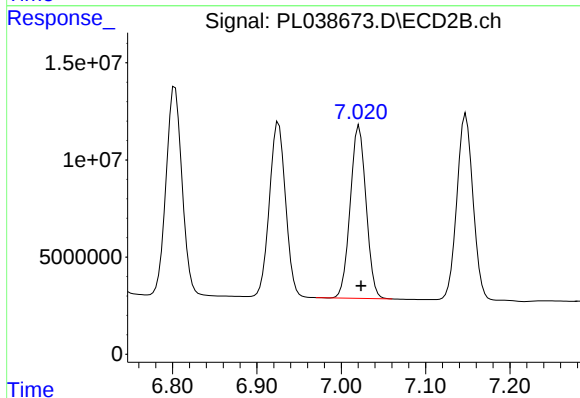
R.T.: 6.723 min  
Delta R.T.: -0.001 min  
Response: 127114533  
Conc: 59.39 ng/ml



#17 4,4'-DDT

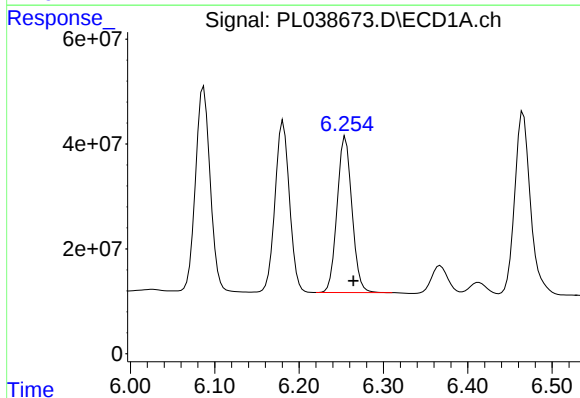
R.T.: 6.181 min  
Delta R.T.: -0.009 min  
Response: 387576578  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



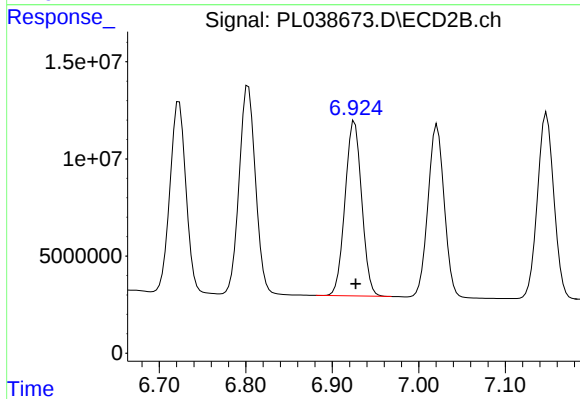
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.002 min  
Response: 115773653  
Conc: 54.30 ng/ml



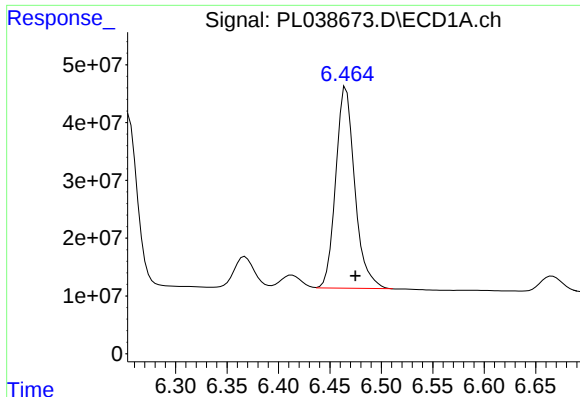
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: -0.009 min  
Response: 364213675  
Conc: 57.20 ng/ml



#18 Endrin aldehyde

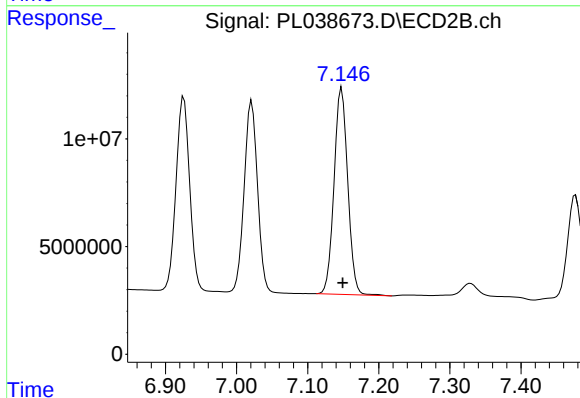
R.T.: 6.926 min  
Delta R.T.: -0.001 min  
Response: 119734932  
Conc: 61.36 ng/ml



#19 Endosulfan Sulfate

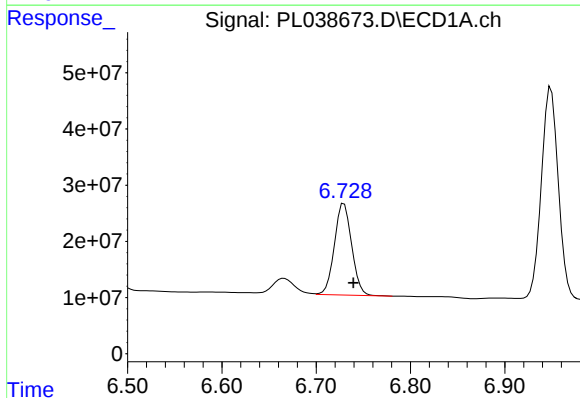
R.T.: 6.466 min  
Delta R.T.: -0.009 min  
Response: 449038287  
Conc: 59.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



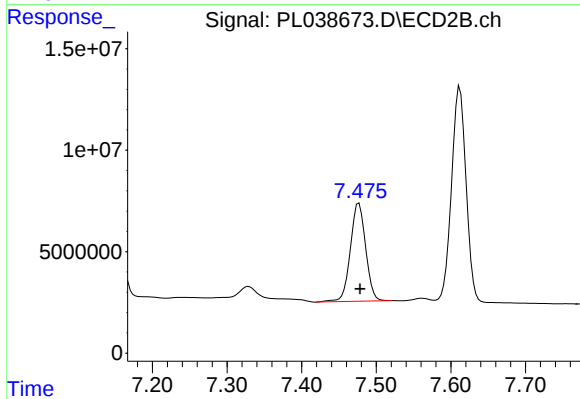
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: -0.002 min  
Response: 128137686  
Conc: 58.78 ng/ml



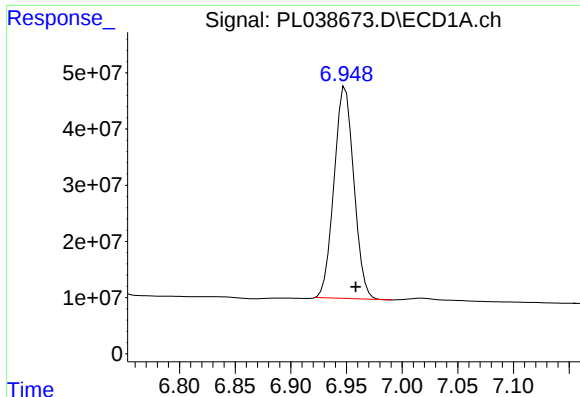
#20 Methoxychlor

R.T.: 6.730 min  
Delta R.T.: -0.010 min  
Response: 206511515  
Conc: 53.67 ng/ml



#20 Methoxychlor

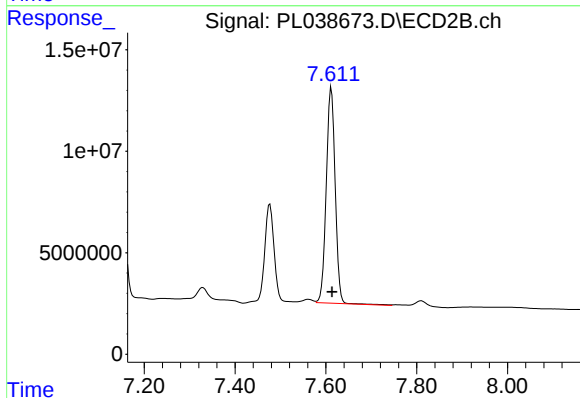
R.T.: 7.477 min  
Delta R.T.: -0.002 min  
Response: 68569219  
Conc: 60.22 ng/ml



#21 Endrin ketone

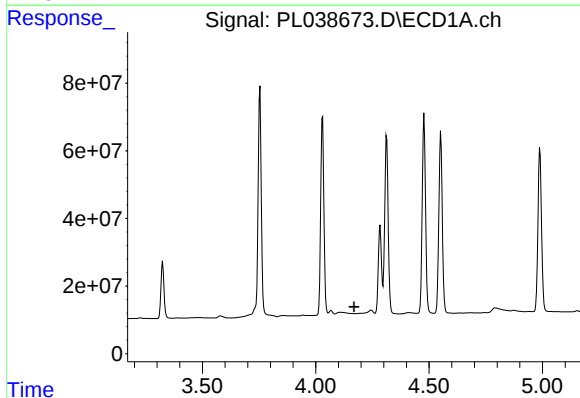
R.T.: 6.949 min  
Delta R.T.: -0.009 min  
Response: 465188357  
Conc: 59.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



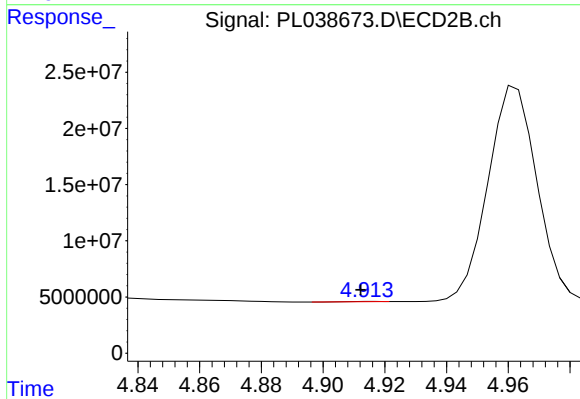
#21 Endrin ketone

R.T.: 7.612 min  
Delta R.T.: -0.001 min  
Response: 145413946  
Conc: 61.01 ng/ml



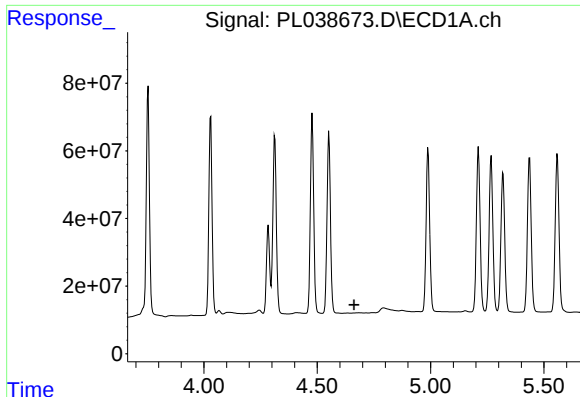
#23 Chlordane-1

R.T.: 4.107 min  
Delta R.T.: -0.063 min  
Response: -8057115  
Conc: N.D.



#23 Chlordane-1

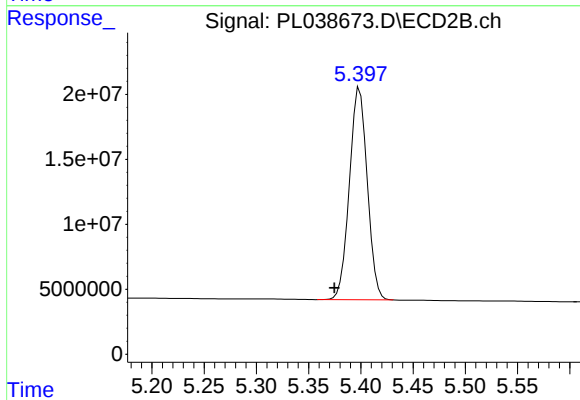
R.T.: 4.916 min  
Delta R.T.: 0.004 min  
Response: 121802  
Conc: 1.05 ng/ml



#24 Chlordane-2

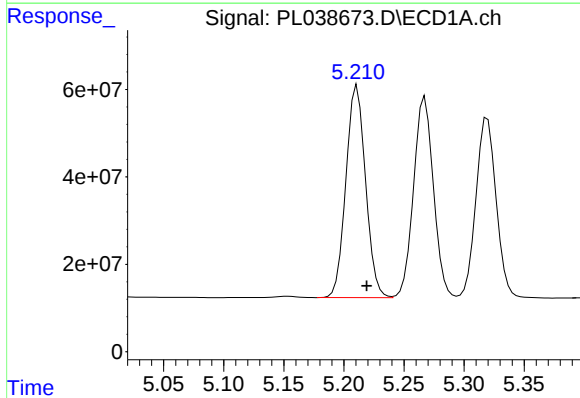
R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



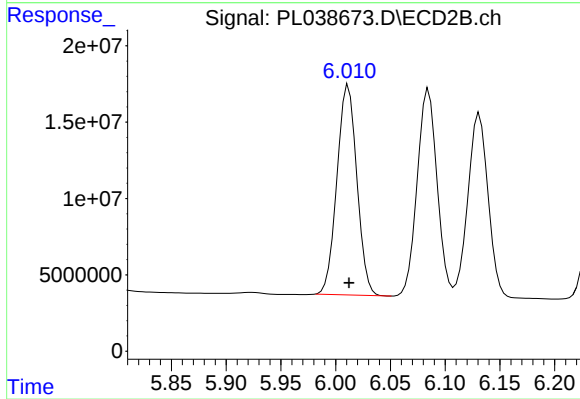
#24 Chlordane-2

R.T.: 5.399 min  
Delta R.T.: 0.024 min  
Response: 194311632  
Conc: 1622.64 ng/ml



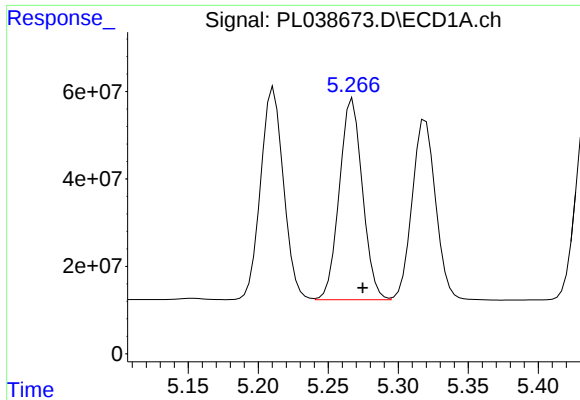
#25 Chlordane-3

R.T.: 5.211 min  
Delta R.T.: -0.008 min  
Response: 552555868  
Conc: 474.98 ng/ml



#25 Chlordane-3

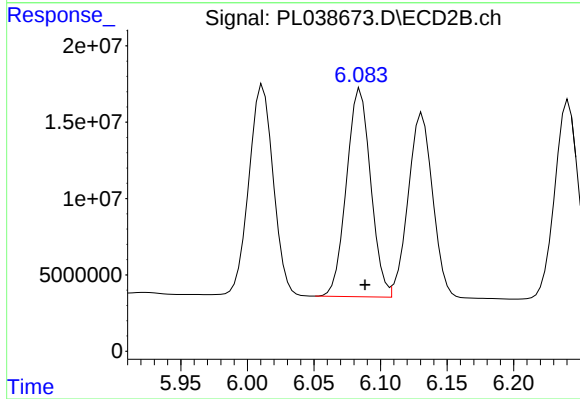
R.T.: 6.012 min  
Delta R.T.: 0.000 min  
Response: 174329210  
Conc: 427.38 ng/ml



#26 Chlordane-4

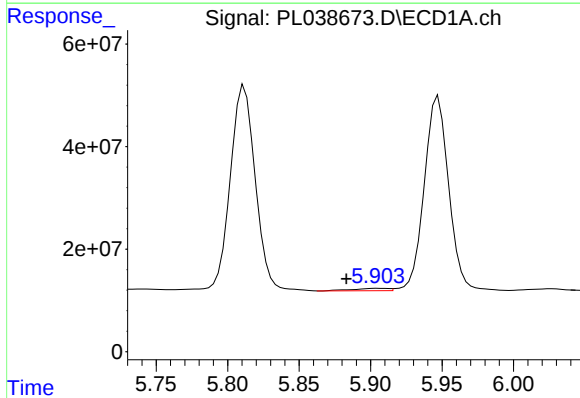
R.T.: 5.267 min  
Delta R.T.: -0.007 min  
Response: 528155090  
Conc: 502.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



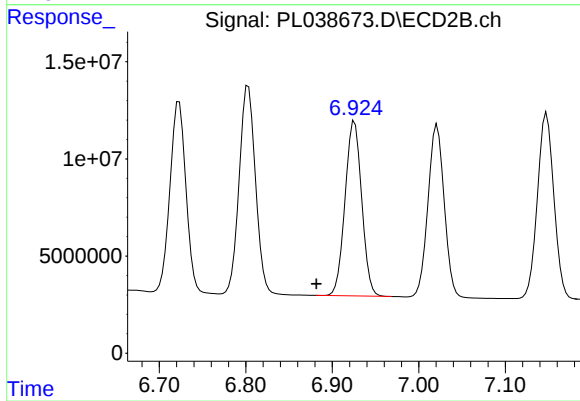
#26 Chlordane-4

R.T.: 6.085 min  
Delta R.T.: -0.004 min  
Response: 172696346  
Conc: 351.50 ng/ml



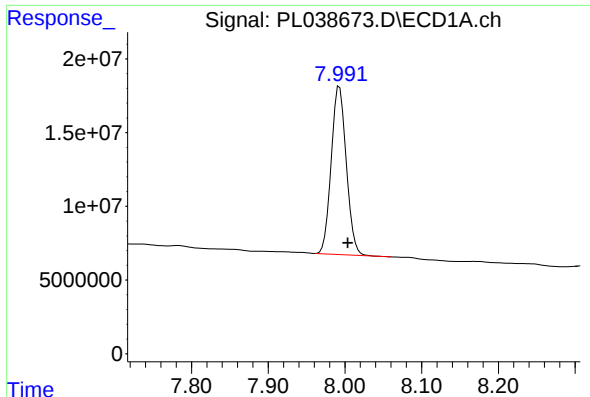
#27 Chlordane-5

R.T.: 5.905 min  
Delta R.T.: 0.022 min  
Response: 8097670  
Conc: 50.57 ng/ml



#27 Chlordane-5

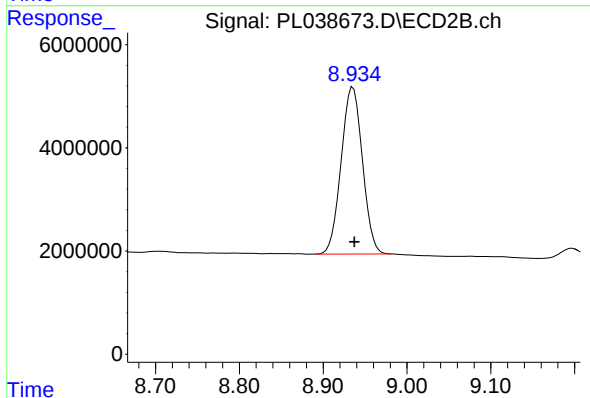
R.T.: 6.926 min  
Delta R.T.: 0.044 min  
Response: 119734932  
Conc: 1336.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: -0.011 min  
Response: 155604177  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111494BS



#28 Decachlorobiphenyl

R.T.: 8.936 min  
Delta R.T.: -0.002 min  
Response: 57190530  
Conc: 23.40 ng/ml