

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022324\  
 Data File : PL088274.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Feb 2024 20:07  
 Operator : AR\AJ  
 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: Feb 24 00:26:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 2024  
 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... | 3.635  | 2.853  | 126.2E6  | 64168698 | 45.956   | 45.752    |
| 28)                         | SA Decachlor... | 9.308  | 8.086  | 100.7E6  | 61494080 | 52.290   | 48.295    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.100  | 3.368  | 193.0E6  | 97615669 | 46.245   | 47.506    |
| 3)                          | MA gamma-BHC... | 4.438  | 3.705  | 186.8E6  | 94395519 | 46.127   | 47.138    |
| 4)                          | MA Heptachlor   | 5.039  | 4.054  | 180.5E6  | 89550164 | 46.911   | 49.156    |
| 5)                          | MB Aldrin       | 5.386  | 4.340  | 175.9E6  | 93261116 | 46.065   | 48.086    |
| 6)                          | B beta-BHC      | 4.635  | 4.007  | 82300760 | 41390205 | 47.255   | 46.502    |
| 7)                          | B delta-BHC     | 4.888  | 4.242  | 189.3E6  | 97312149 | 49.758   | 48.783    |
| 8)                          | B Heptachlo...  | 5.818  | 4.851  | 172.9E6  | 81569555 | 49.344   | 47.021    |
| 9)                          | A Endosulfan I  | 6.209  | 5.226  | 142.3E6  | 72803988 | 45.461   | 45.246    |
| 10)                         | B gamma-Chl...  | 6.078  | 5.106  | 155.4E6  | 82620060 | 45.725   | 46.317    |
| 11)                         | B alpha-Chl...  | 6.158  | 5.170  | 155.1E6  | 82823382 | 45.444   | 46.492    |
| 12)                         | B 4,4'-DDE      | 6.332  | 5.364  | 139.5E6  | 75010538 | 45.984   | 47.194    |
| 13)                         | MA Dieldrin     | 6.488  | 5.496  | 151.3E6  | 81563313 | 46.023   | 47.273    |
| 14)                         | MA Endrin       | 6.721  | 5.775  | 134.6E6  | 73881683 | 51.750   | 49.415    |
| 15)                         | B Endosulfa...  | 6.942  | 6.073  | 135.3E6  | 70369424 | 47.239   | 46.192    |
| 16)                         | A 4,4'-DDD      | 6.856  | 5.925  | 122.7E6  | 64637646 | 47.314   | 47.311    |
| 17)                         | MA 4,4'-DDT     | 7.174  | 6.181  | 115.6E6  | 65646253 | 43.967   | 48.084    |
| 18)                         | B Endrin al...  | 7.074  | 6.256  | 99976852 | 54227121 | 48.352   | 49.651    |
| 19)                         | B Endosulfa...  | 7.310  | 6.481  | 122.4E6  | 67097914 | 46.983   | 47.776    |
| 20)                         | A Methoxychlor  | 7.656  | 6.765  | 64486966 | 37082445 | 48.717   | 47.314    |
| 21)                         | B Endrin ke...  | 7.802  | 6.994  | 134.8E6  | 78643385 | 48.130   | 46.973    |
| 22)                         | Mirex           | 8.285  | 7.181  | 100.3E6  | 63360528 | 43.277   | 48.363    |
| 23)                         | Chlordane-1     | 0.000  | 3.879  | 0        | 11402    | N.D.     | 0.222 #   |
| 24)                         | Chlordane-2     | 5.386f | 4.477  | 175.9E6  | 938954   | 1310.469 | 14.778 #  |
| 25)                         | Chlordane-3     | 6.078  | 5.106  | 155.4E6  | 82620060 | 307.654  | 443.724 # |
| 26)                         | Chlordane-4     | 6.158  | 5.170  | 155.1E6  | 82823382 | 252.608  | 478.960 # |
| 27)                         | Chlordane-5     | 7.016  | 5.873f | 535509   | 338135   | 5.291    | 6.392     |
| -----                       |                 |        |        |          |          |          |           |

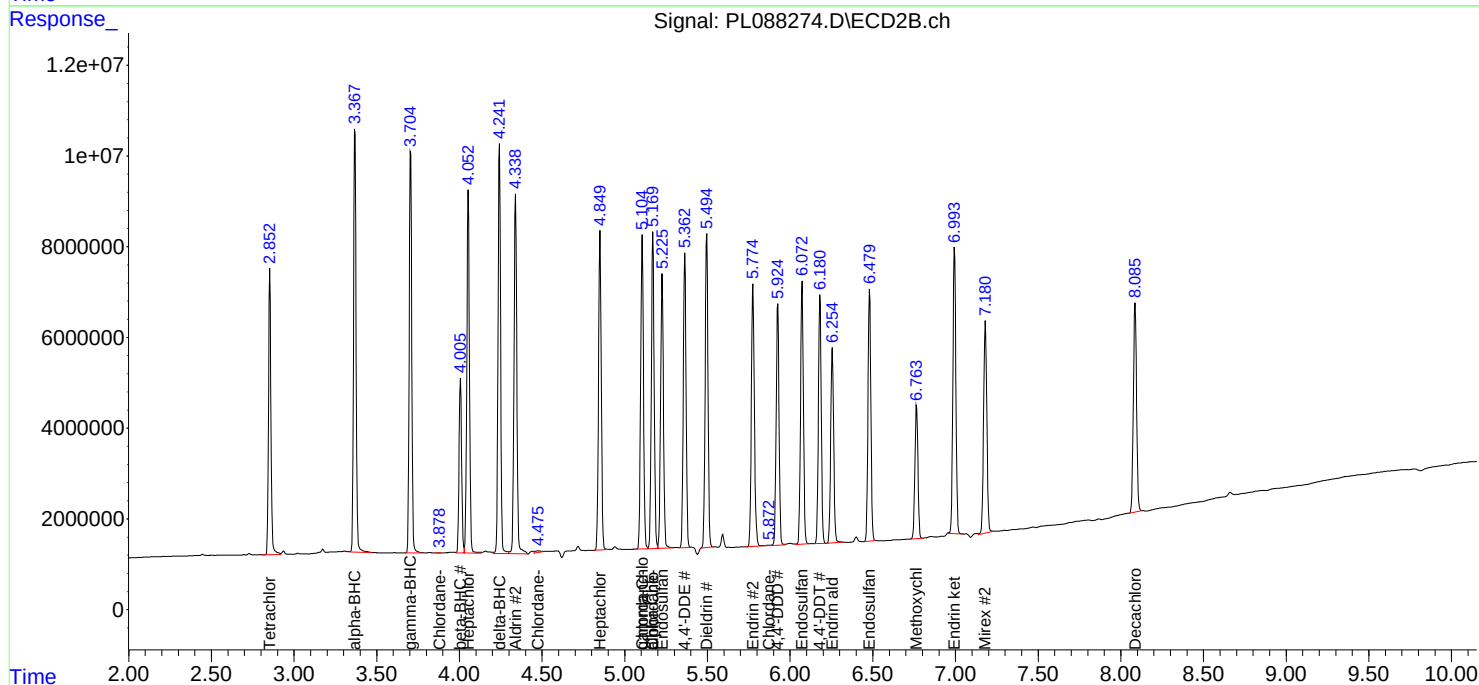
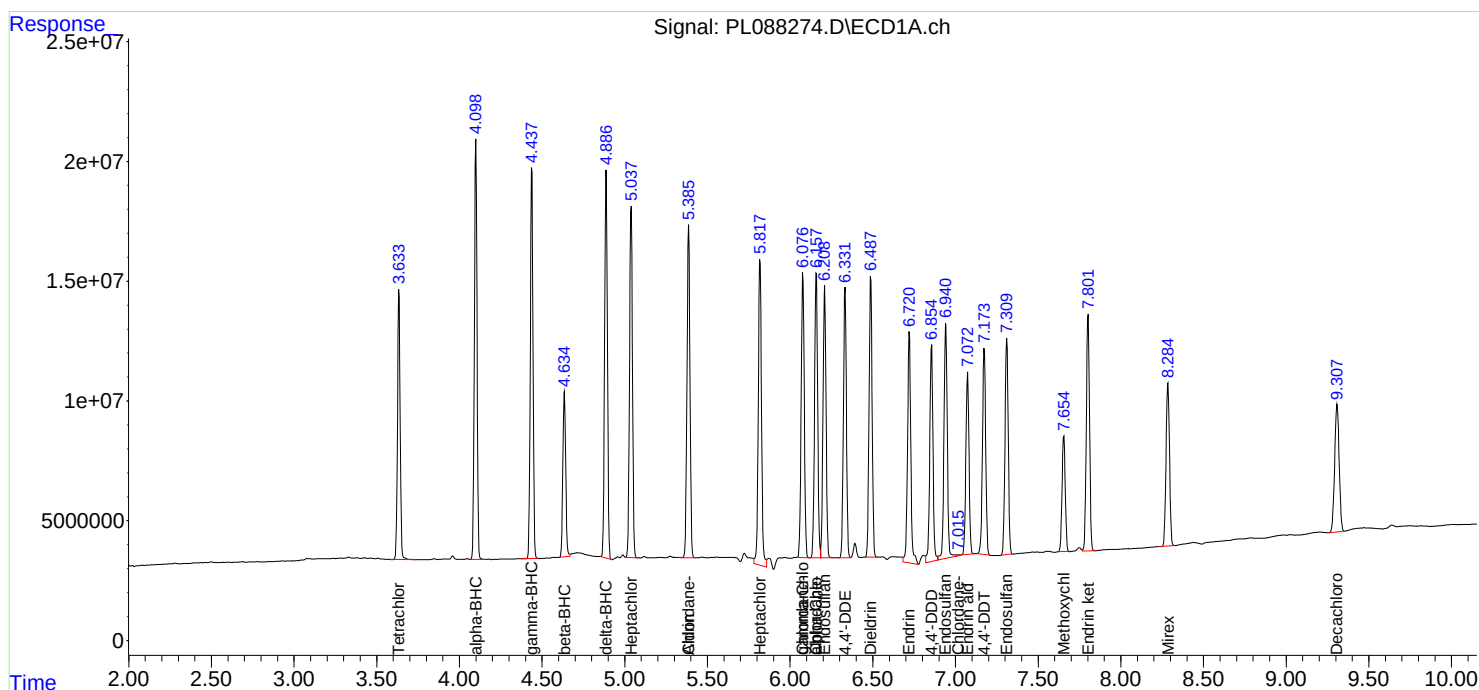
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

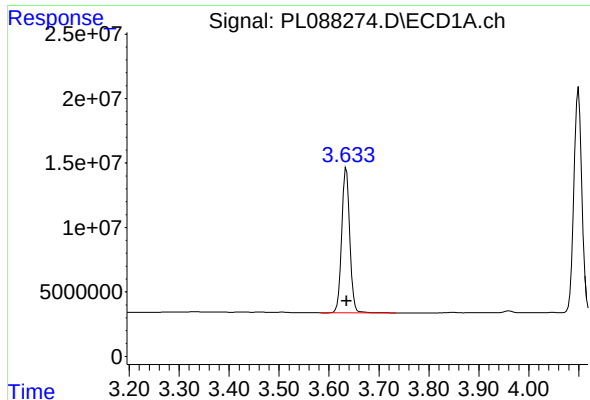
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022324\  
Data File : PL088274.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Feb 2024 20:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 24 00:26:50 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 2024  
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

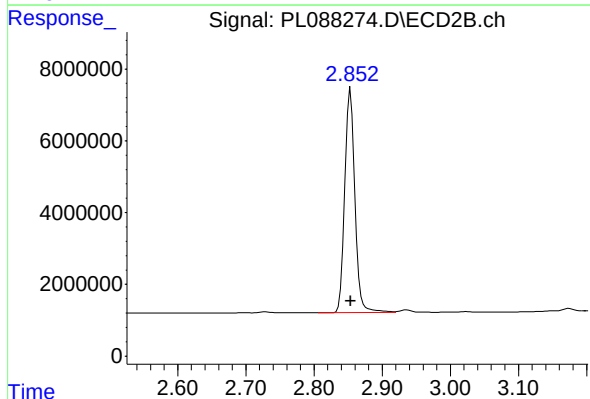




#1 Tetrachloro-m-xylene

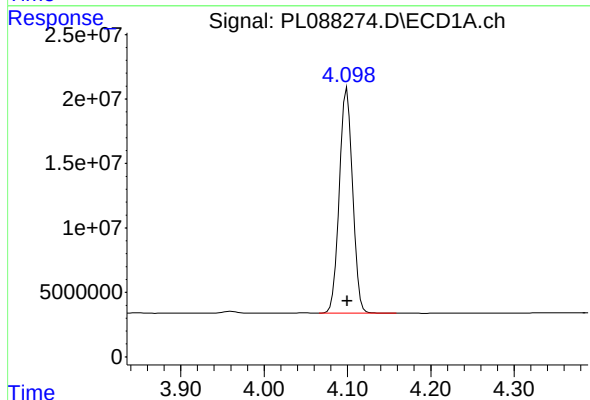
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 126228503  
Conc: 45.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



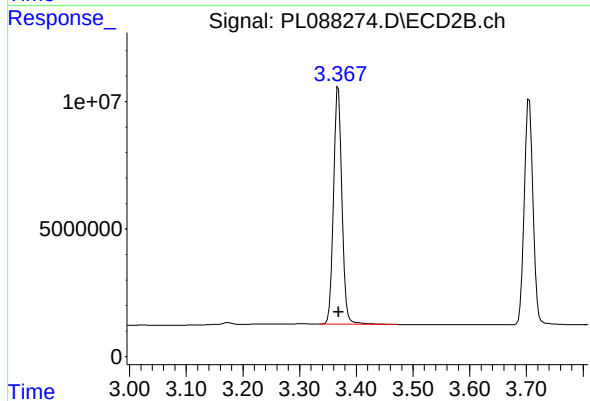
#1 Tetrachloro-m-xylene

R.T.: 2.853 min  
Delta R.T.: 0.000 min  
Response: 64168698  
Conc: 45.75 ng/ml



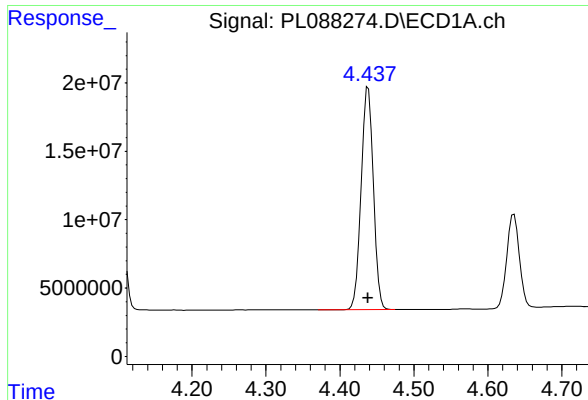
#2 alpha-BHC

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 193036624  
Conc: 46.24 ng/ml



#2 alpha-BHC

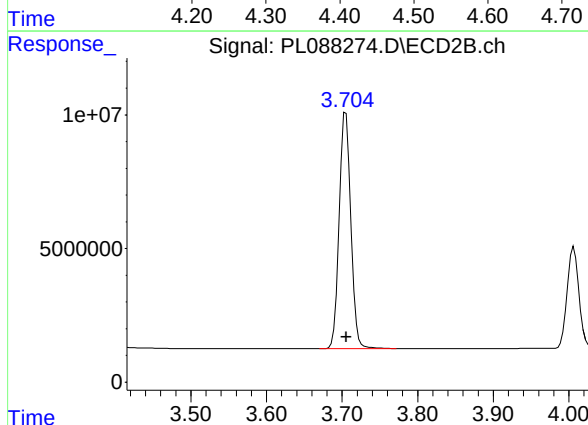
R.T.: 3.368 min  
Delta R.T.: 0.000 min  
Response: 97615669  
Conc: 47.51 ng/ml



#3 gamma-BHC (Lindane)

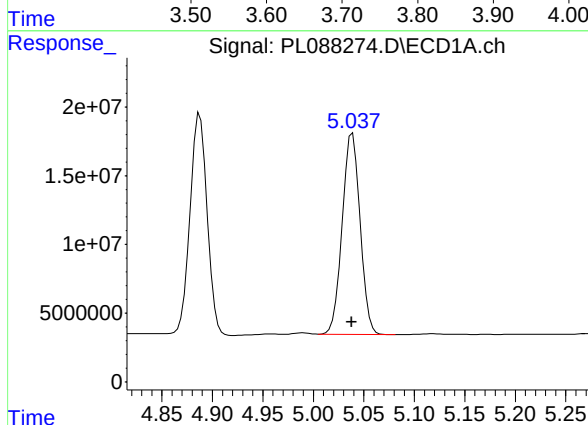
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 186793930  
Conc: 46.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



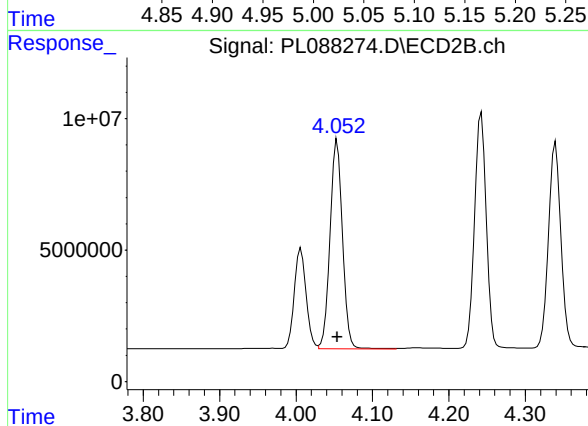
#3 gamma-BHC (Lindane)

R.T.: 3.705 min  
Delta R.T.: 0.000 min  
Response: 94395519  
Conc: 47.14 ng/ml



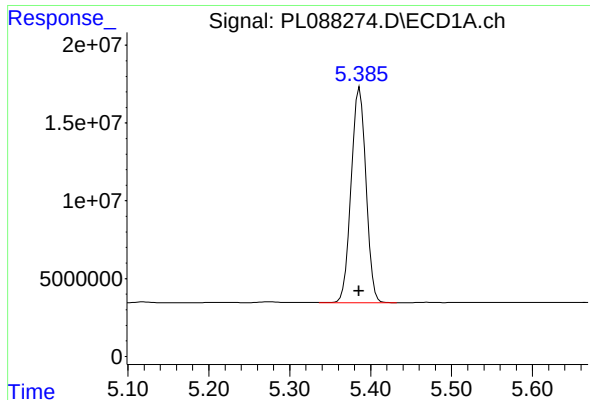
#4 Heptachlor

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 180527850  
Conc: 46.91 ng/ml



#4 Heptachlor

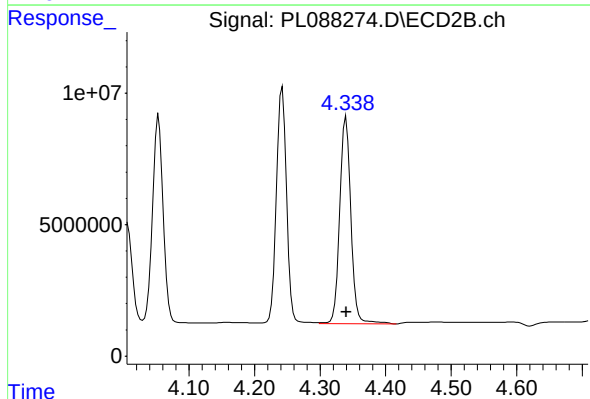
R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 89550164  
Conc: 49.16 ng/ml



#5 Aldrin

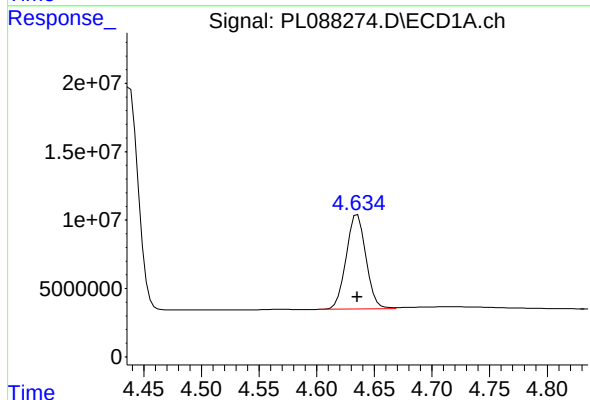
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 175890715  
Conc: 46.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



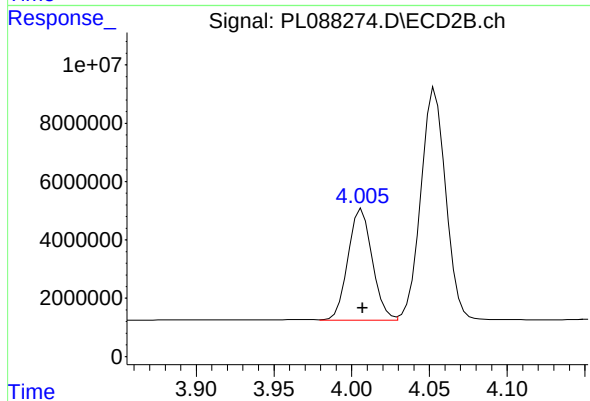
#5 Aldrin

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 93261116  
Conc: 48.09 ng/ml



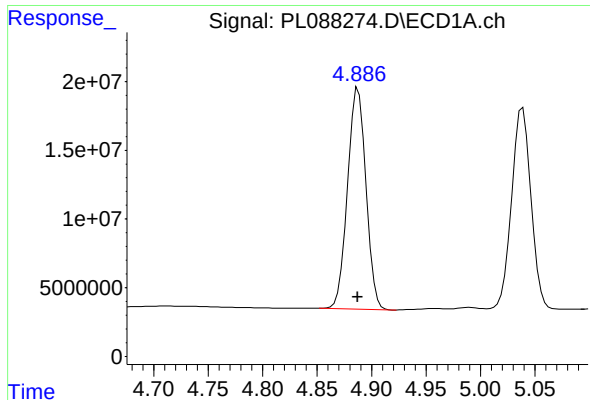
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 82300760  
Conc: 47.25 ng/ml



#6 beta-BHC

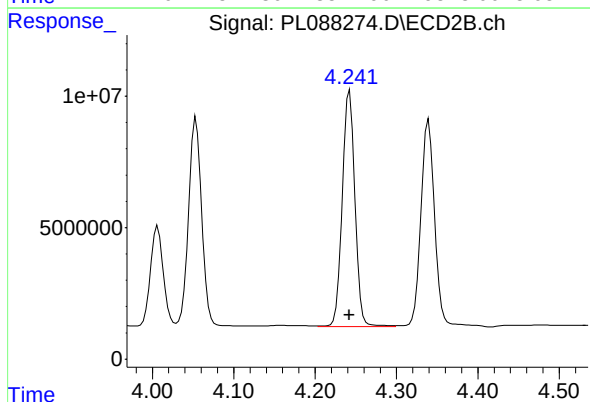
R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 41390205  
Conc: 46.50 ng/ml



#7 delta-BHC

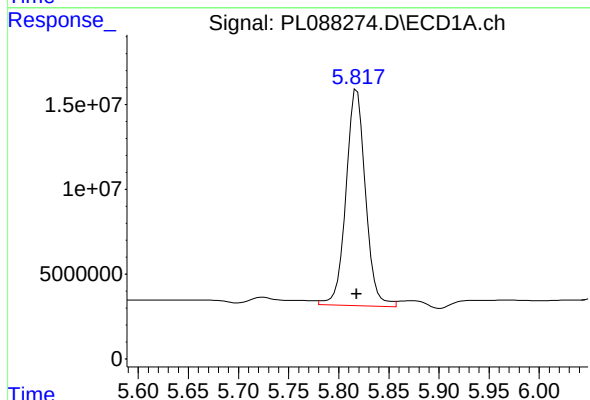
R.T.: 4.888 min  
Delta R.T.: 0.000 min  
Response: 189315008  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



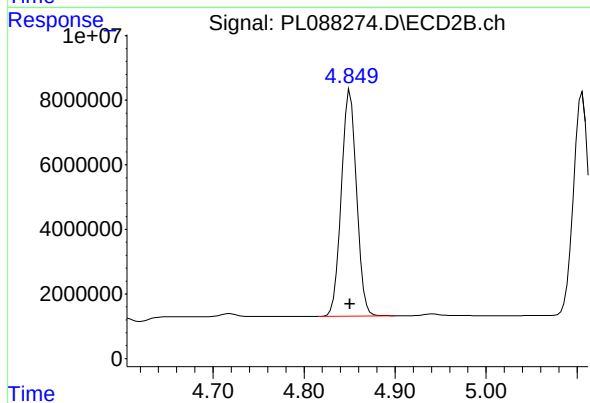
#7 delta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 97312149  
Conc: 48.78 ng/ml



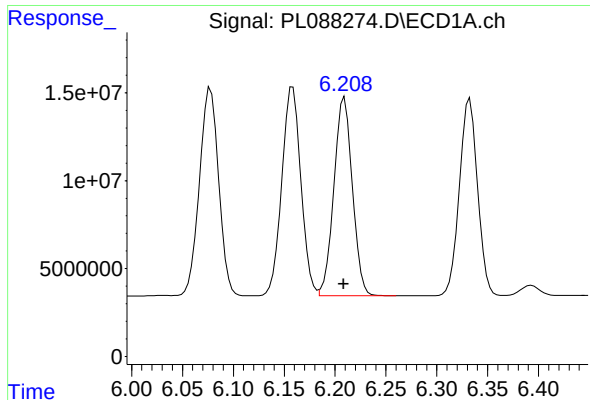
#8 Heptachlor epoxide

R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 172883913  
Conc: 49.34 ng/ml



#8 Heptachlor epoxide

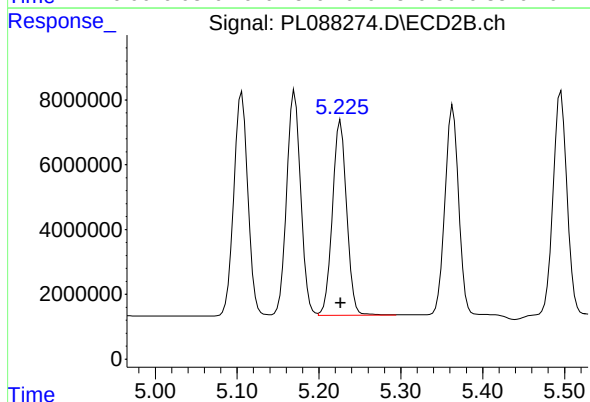
R.T.: 4.851 min  
Delta R.T.: 0.000 min  
Response: 81569555  
Conc: 47.02 ng/ml



#9 Endosulfan I

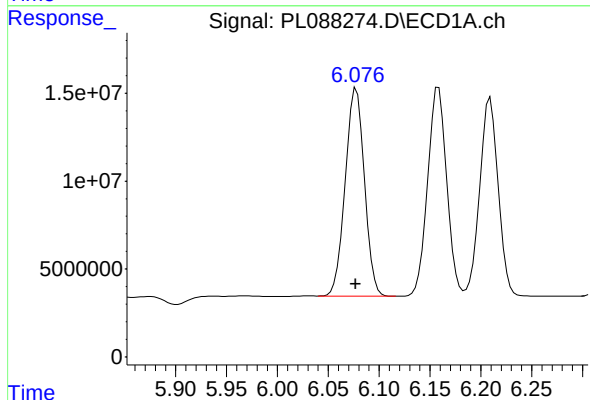
R.T.: 6.209 min  
Delta R.T.: 0.000 min  
Response: 142286531  
Conc: 45.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



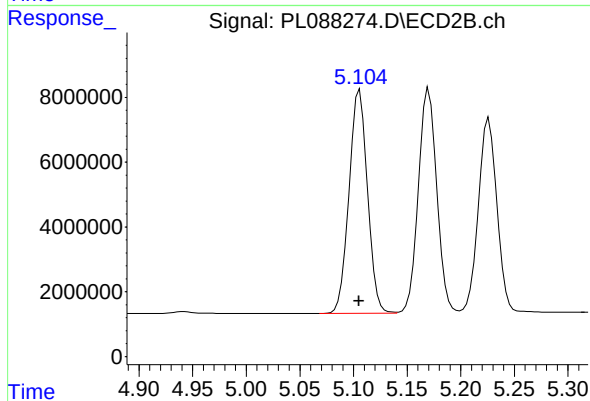
#9 Endosulfan I

R.T.: 5.226 min  
Delta R.T.: 0.000 min  
Response: 72803988  
Conc: 45.25 ng/ml



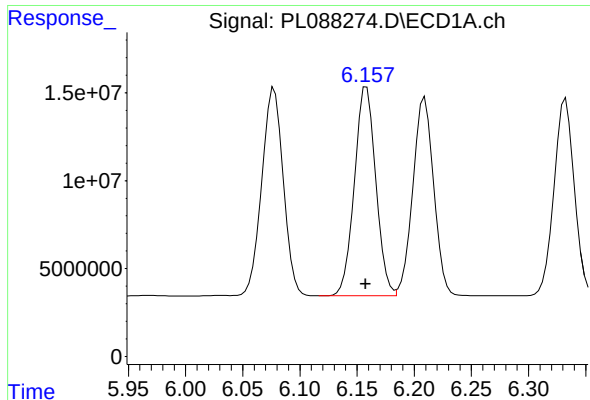
#10 gamma-Chlordane

R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 155387245  
Conc: 45.72 ng/ml



#10 gamma-Chlordane

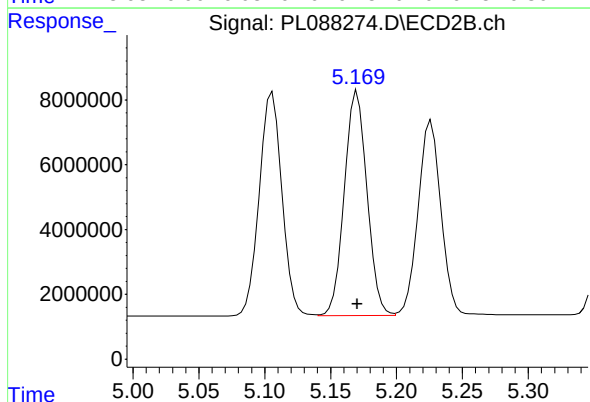
R.T.: 5.106 min  
Delta R.T.: 0.000 min  
Response: 82620060  
Conc: 46.32 ng/ml



#11 alpha-Chlordane

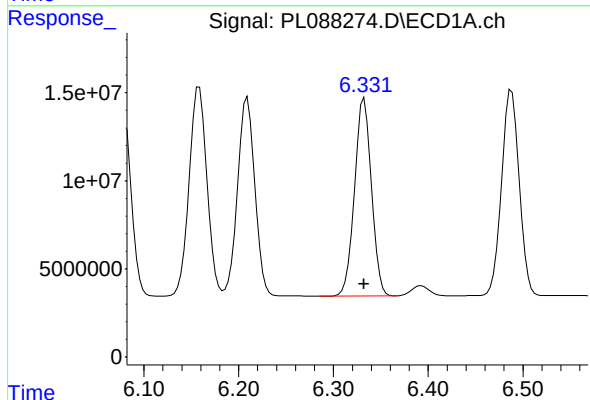
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 155090717  
Conc: 45.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



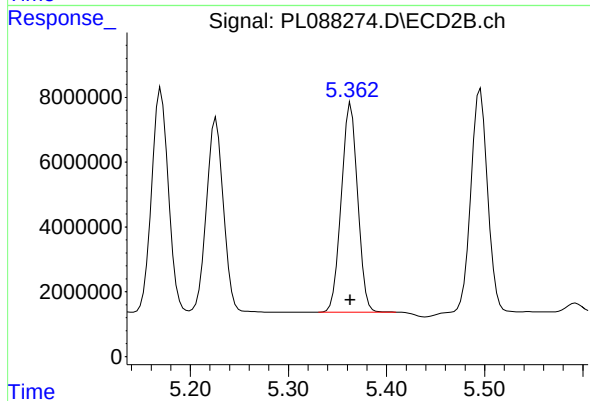
#11 alpha-Chlordane

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 82823382  
Conc: 46.49 ng/ml



#12 4,4'-DDE

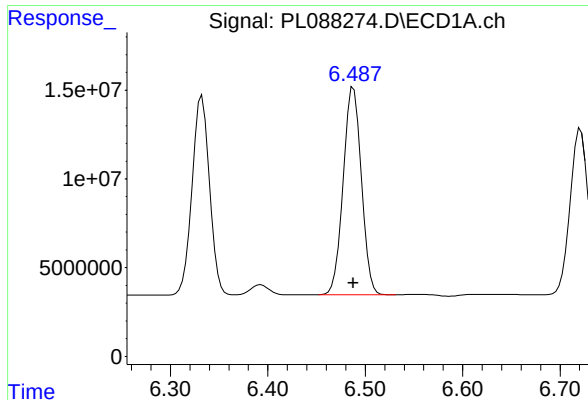
R.T.: 6.332 min  
Delta R.T.: 0.000 min  
Response: 139461496  
Conc: 45.98 ng/ml



#12 4,4'-DDE

R.T.: 5.364 min  
Delta R.T.: 0.000 min  
Response: 75010538  
Conc: 47.19 ng/ml

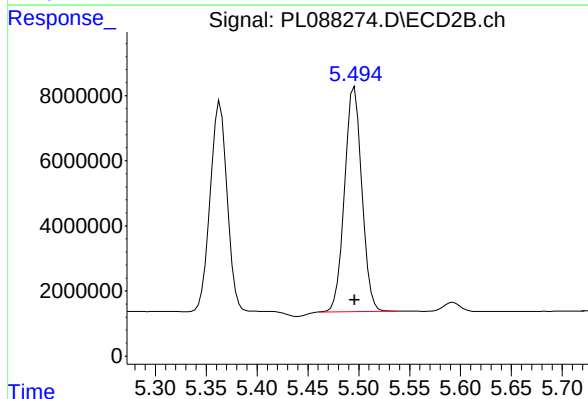




#13 Dieldrin

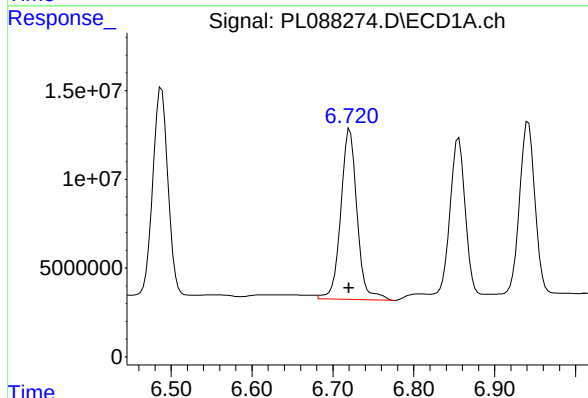
R.T.: 6.488 min  
Delta R.T.: 0.000 min  
Response: 151330456  
Conc: 46.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



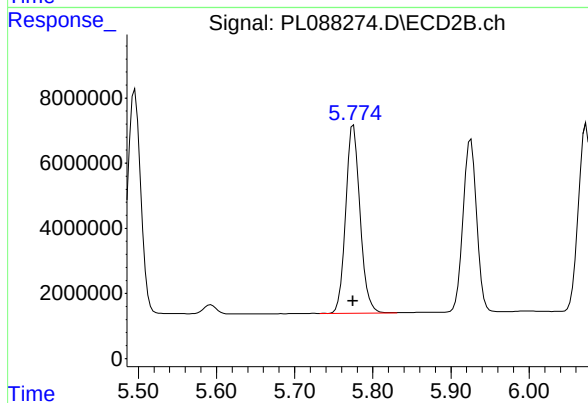
#13 Dieldrin

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 81563313  
Conc: 47.27 ng/ml



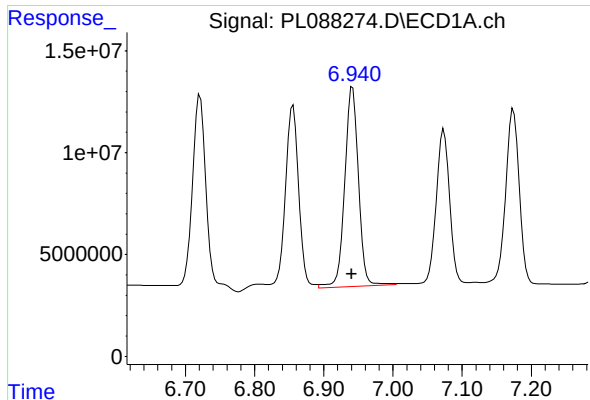
#14 Endrin

R.T.: 6.721 min  
Delta R.T.: 0.001 min  
Response: 134581990  
Conc: 51.75 ng/ml



#14 Endrin

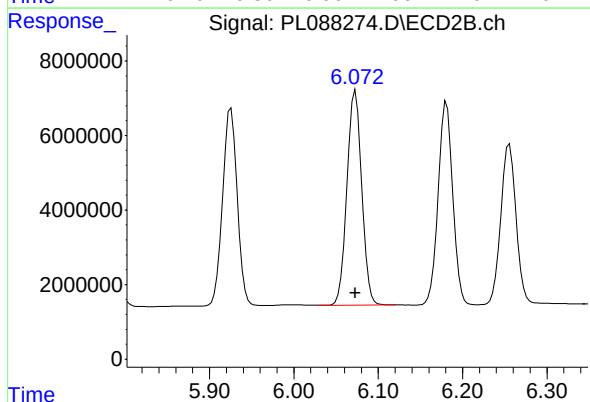
R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 73881683  
Conc: 49.41 ng/ml



#15 Endosulfan II

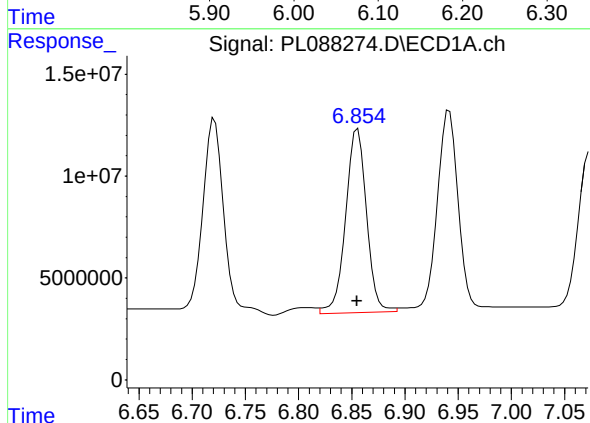
R.T.: 6.942 min  
Delta R.T.: 0.001 min  
Response: 135288820  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



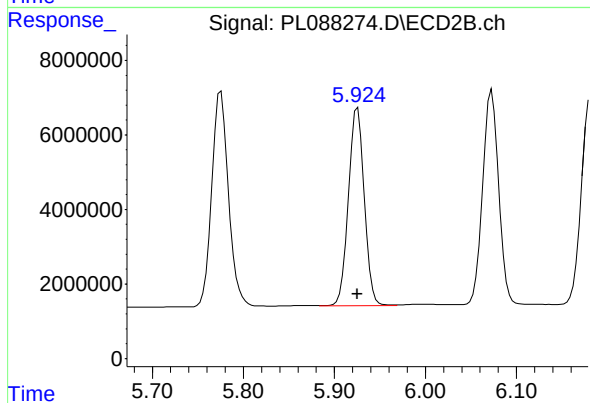
#15 Endosulfan II

R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 70369424  
Conc: 46.19 ng/ml



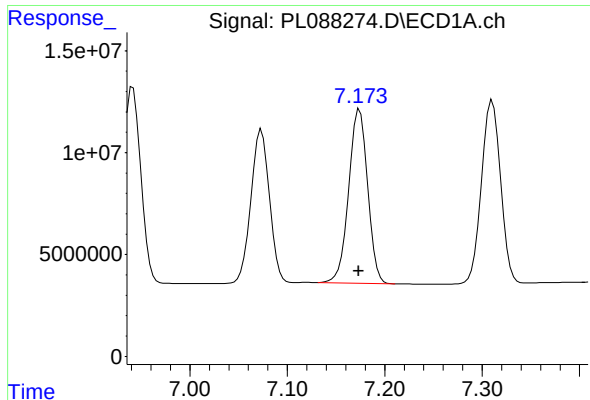
#16 4,4'-DDD

R.T.: 6.856 min  
Delta R.T.: 0.000 min  
Response: 122717523  
Conc: 47.31 ng/ml



#16 4,4'-DDD

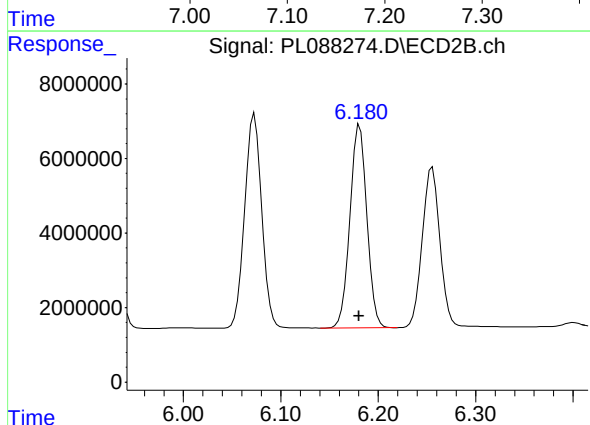
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 64637646  
Conc: 47.31 ng/ml



#17 4,4'-DDT

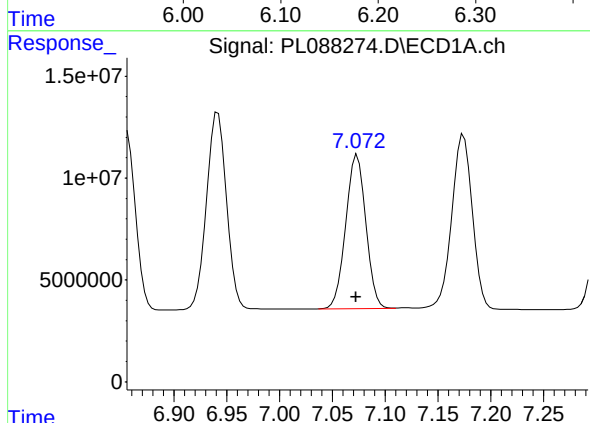
R.T.: 7.174 min  
Delta R.T.: 0.000 min  
Response: 115598598  
Conc: 43.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



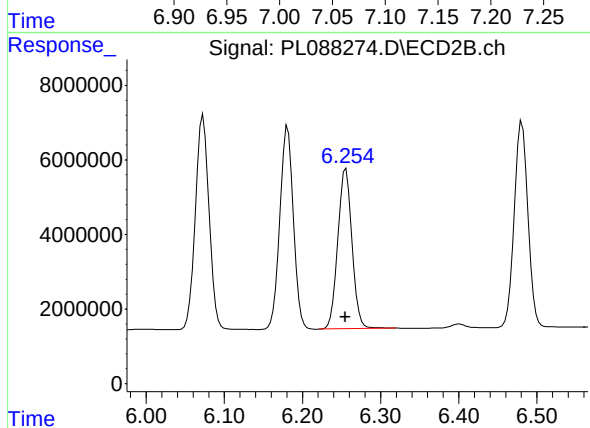
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: 0.000 min  
Response: 65646253  
Conc: 48.08 ng/ml



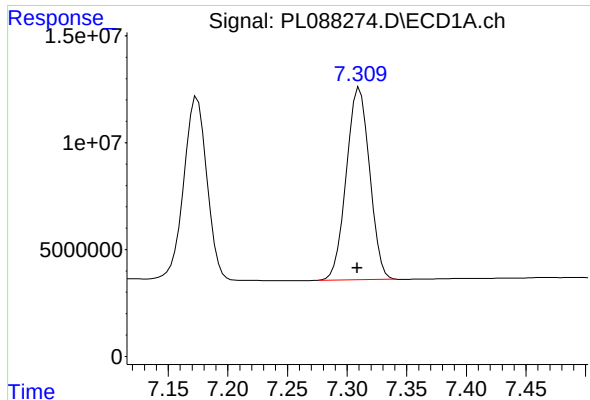
#18 Endrin aldehyde

R.T.: 7.074 min  
Delta R.T.: 0.001 min  
Response: 99976852  
Conc: 48.35 ng/ml



#18 Endrin aldehyde

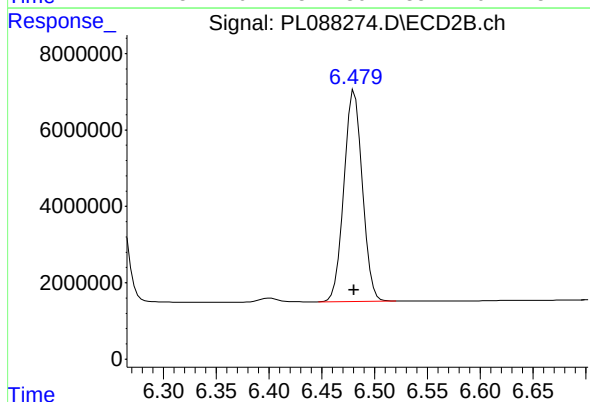
R.T.: 6.256 min  
Delta R.T.: 0.000 min  
Response: 54227121  
Conc: 49.65 ng/ml



#19 Endosulfan Sulfate

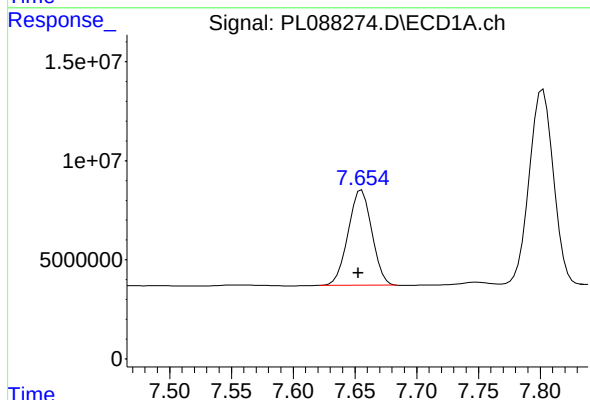
R.T.: 7.310 min  
Delta R.T.: 0.002 min  
Response: 122397610  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



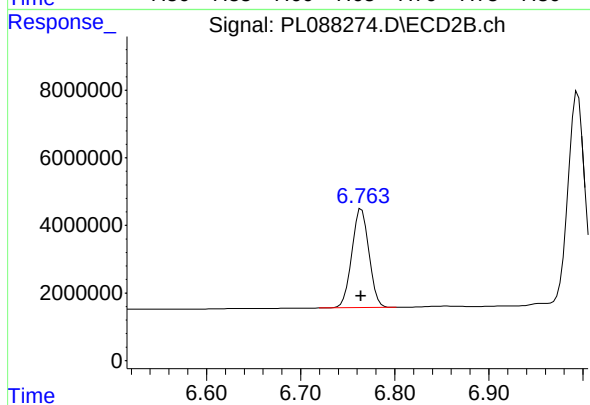
#19 Endosulfan Sulfate

R.T.: 6.481 min  
Delta R.T.: 0.000 min  
Response: 67097914  
Conc: 47.78 ng/ml



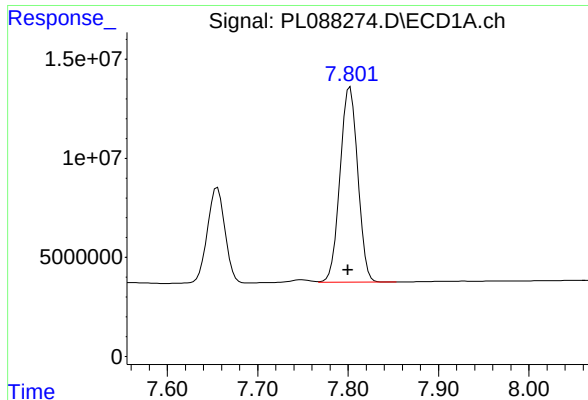
#20 Methoxychlor

R.T.: 7.656 min  
Delta R.T.: 0.003 min  
Response: 64486966  
Conc: 48.72 ng/ml



#20 Methoxychlor

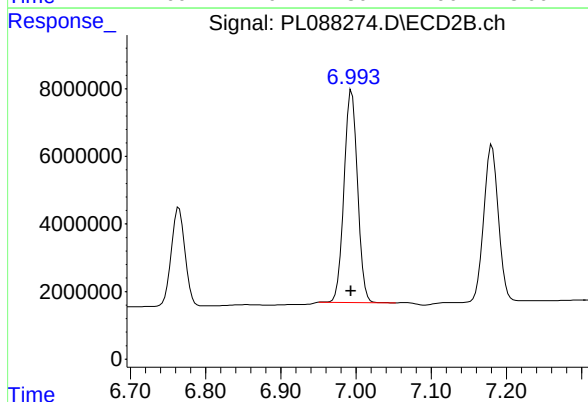
R.T.: 6.765 min  
Delta R.T.: 0.000 min  
Response: 37082445  
Conc: 47.31 ng/ml



#21 Endrin ketone

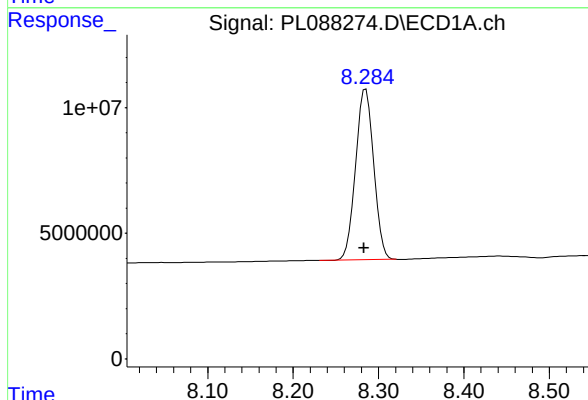
R.T.: 7.802 min  
Delta R.T.: 0.002 min  
Response: 134820620  
Conc: 48.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



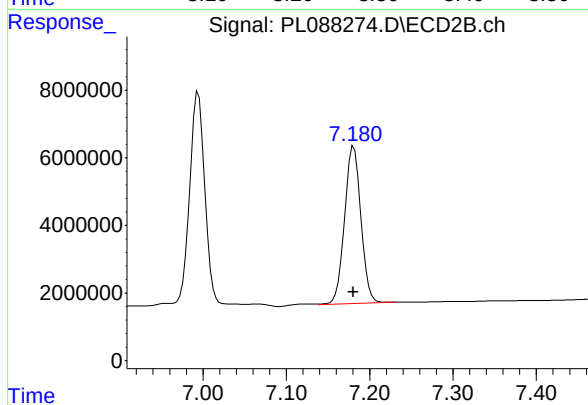
#21 Endrin ketone

R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 78643385  
Conc: 46.97 ng/ml



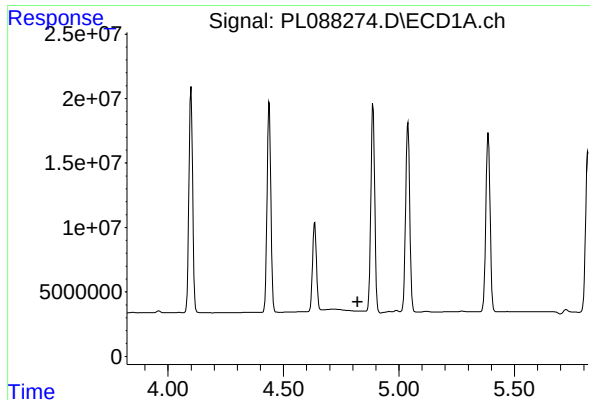
#22 Mirex

R.T.: 8.285 min  
Delta R.T.: 0.002 min  
Response: 100281713  
Conc: 43.28 ng/ml



#22 Mirex

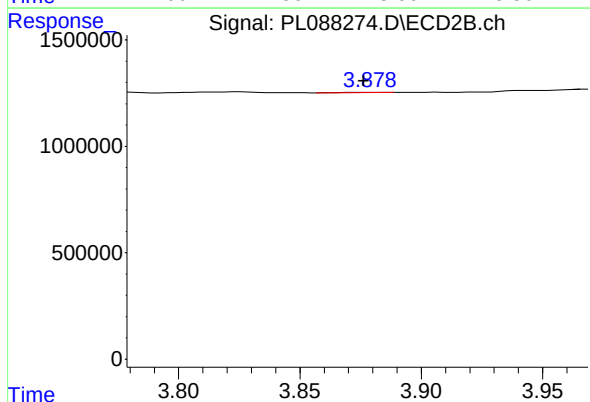
R.T.: 7.181 min  
Delta R.T.: 0.000 min  
Response: 63360528  
Conc: 48.36 ng/ml



#23 Chlordane-1

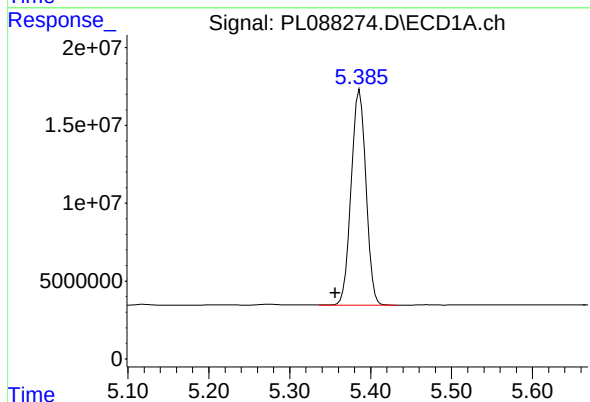
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



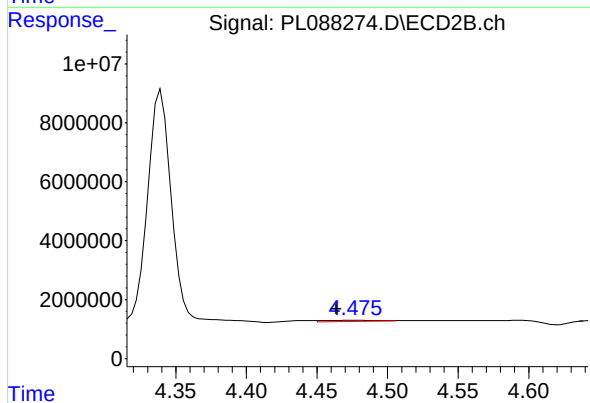
#23 Chlordane-1

R.T.: 3.879 min  
Delta R.T.: 0.003 min  
Response: 11402  
Conc: 0.22 ng/ml



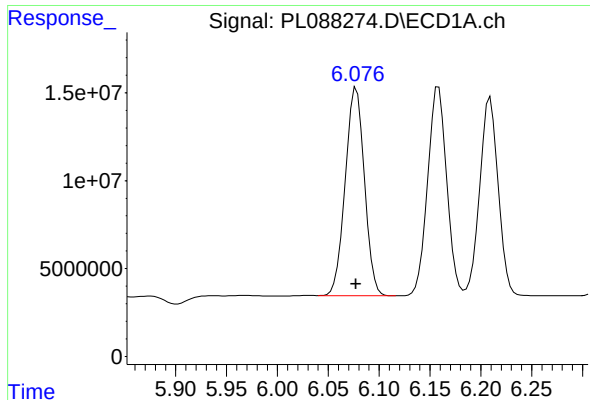
#24 Chlordane-2

R.T.: 5.386 min  
Delta R.T.: 0.030 min  
Response: 175890715  
Conc: 1310.47 ng/ml



#24 Chlordane-2

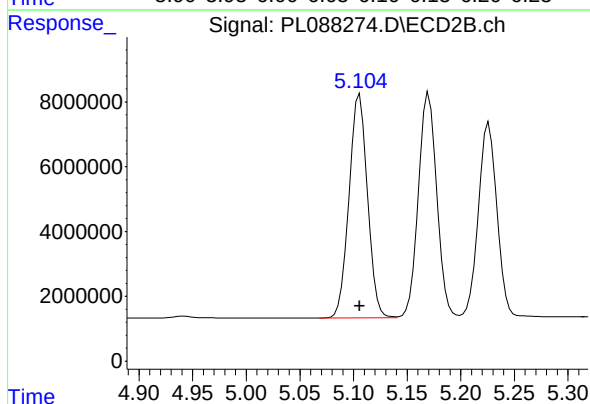
R.T.: 4.477 min  
Delta R.T.: 0.013 min  
Response: 938954  
Conc: 14.78 ng/ml



#25 Chlordane-3

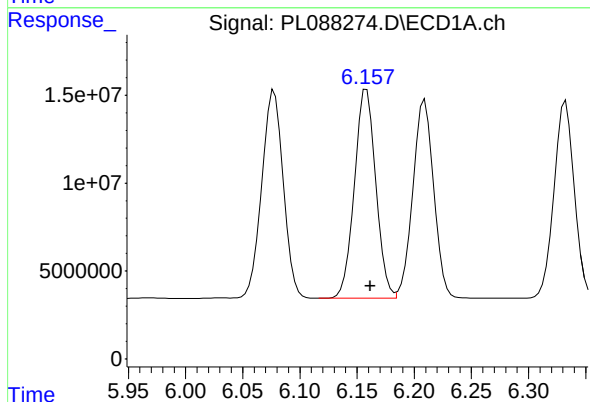
R.T.: 6.078 min  
Delta R.T.: 0.000 min  
Response: 155387245  
Conc: 307.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



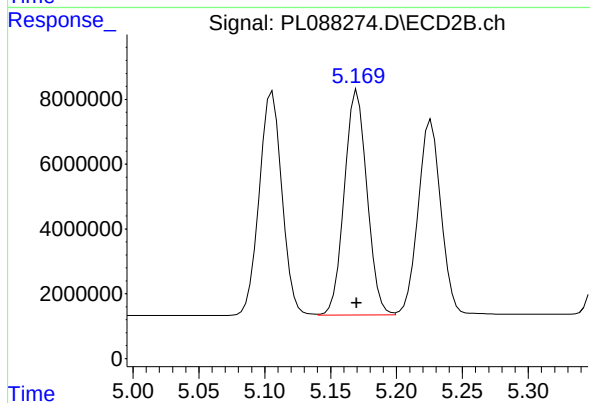
#25 Chlordane-3

R.T.: 5.106 min  
Delta R.T.: 0.000 min  
Response: 82620060  
Conc: 443.72 ng/ml



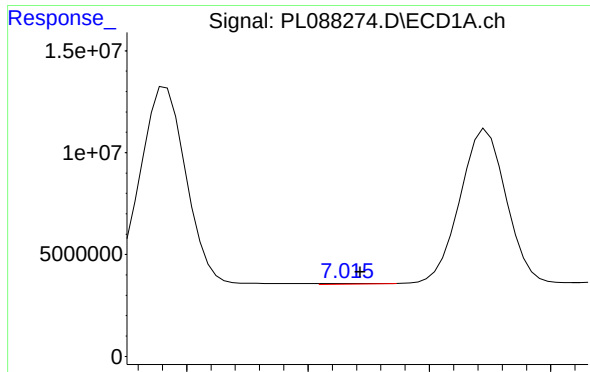
#26 Chlordane-4

R.T.: 6.158 min  
Delta R.T.: -0.003 min  
Response: 155090717  
Conc: 252.61 ng/ml



#26 Chlordane-4

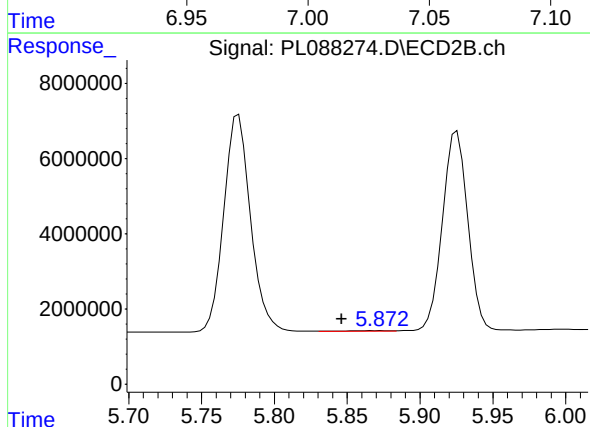
R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 82823382  
Conc: 478.96 ng/ml



#27 Chlordane-5

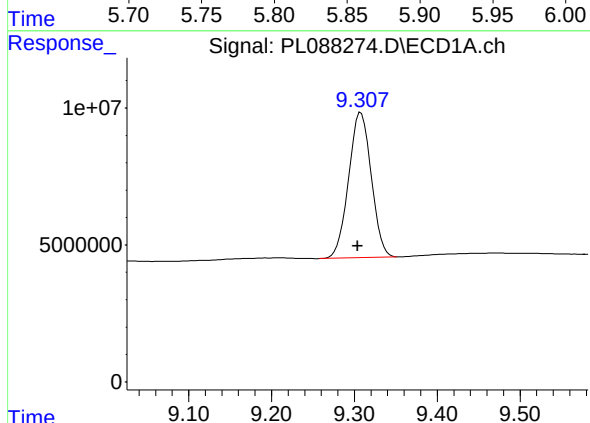
R.T.: 7.016 min  
Delta R.T.: -0.005 min  
Response: 535509  
Conc: 5.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



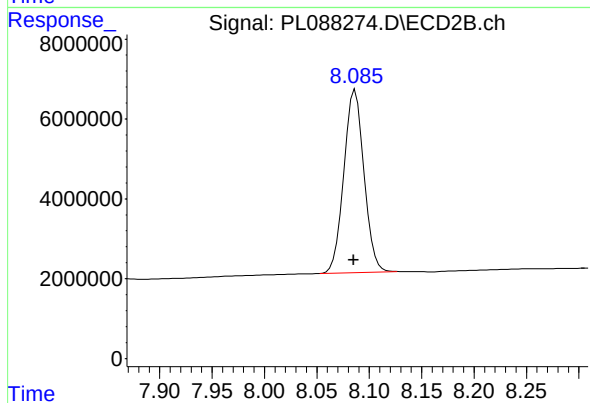
#27 Chlordane-5

R.T.: 5.873 min  
Delta R.T.: 0.027 min  
Response: 338135  
Conc: 6.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.308 min  
Delta R.T.: 0.004 min  
Response: 100707599  
Conc: 52.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: 0.001 min  
Response: 61494080  
Conc: 48.30 ng/ml