

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092424\  
 Data File : PL092004.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2024 14:35  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 01:18:58 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 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... | 3.544  | 2.782  | 98225428 | 140.7E6  | 44.153  | 56.089 # |
| 28)                         | SA Decachlor... | 9.060  | 7.923  | 73319861 | 113.0E6  | 44.756  | 45.172   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.013  | 3.271f | 3554375  | 394463   | 1.148   | 0.108 #  |
| 4)                          | MA Heptachlor   | 4.921  | 3.955  | 70774697 | 69380032 | 25.592  | 20.107   |
| 5)                          | MB Aldrin       | 5.235f | 4.253f | 47245210 | 5852059  | 17.009  | 1.721 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.914  | 0        | 260172   | N.D.    | 0.173 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.140  | 0        | 6615475  | N.D.    | 1.906 #  |
| 8)                          | B Heptachlo...  | 5.673f | 0.000  | 37965244 | 0        | 14.918  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.096  | 0        | 12734285 | N.D.    | 4.640 #  |
| 10)                         | B gamma-Chl...  | 5.946  | 4.989  | 165.1E6  | 153.0E6  | 66.806  | 50.861   |
| 11)                         | B alpha-Chl...  | 6.027  | 5.051  | 200.3E6  | 145.8E6  | 81.303  | 48.693 # |
| 12)                         | B 4,4'-DDE      | 6.182  | 5.223f | 1038947  | 1026505  | 0.480   | 0.369    |
| 13)                         | MA Dieldrin     | 6.350  | 5.352f | 9309183  | 4235507  | 3.817   | 1.445 #  |
| 14)                         | MA Endrin       | 0.000  | 5.658  | 0        | 10300043 | N.D.    | 3.928 #  |
| 15)                         | B Endosulfa...  | 6.780f | 5.947  | 5645842  | 49726991 | 2.567   | 19.872 # |
| 16)                         | A 4,4'-DDD      | 6.730f | 5.808  | 9416183  | 494531   | 5.244   | 0.231 #  |
| 18)                         | B Endrin al...  | 6.927  | 6.126  | 3589076  | 507000   | 2.059   | 0.248 #  |
| 19)                         | B Endosulfa...  | 7.162  | 6.349  | 657944   | 1653665  | 0.332   | 0.685 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.614  | 0        | 542747   | N.D.    | 0.434 #  |
| 22)                         | Mirex           | 0.000  | 7.031  | 0        | 900020   | N.D.    | 0.370 #  |
| 23)                         | Chlordane-1     | 4.706  | 3.781  | 45186114 | 45572058 | 440.864 | 455.808  |
| 24)                         | Chlordane-2     | 5.235  | 4.358  | 47245210 | 51014589 | 440.529 | 454.570  |
| 25)                         | Chlordane-3     | 5.946  | 4.989  | 165.1E6  | 153.0E6  | 440.743 | 461.976  |
| 26)                         | Chlordane-4     | 6.027  | 5.051  | 200.3E6  | 145.8E6  | 442.260 | 459.421  |
| 27)                         | Chlordane-5     | 6.876  | 5.947  | 39006794 | 49726991 | 447.249 | 458.527  |
| -----                       |                 |        |        |          |          |         |          |

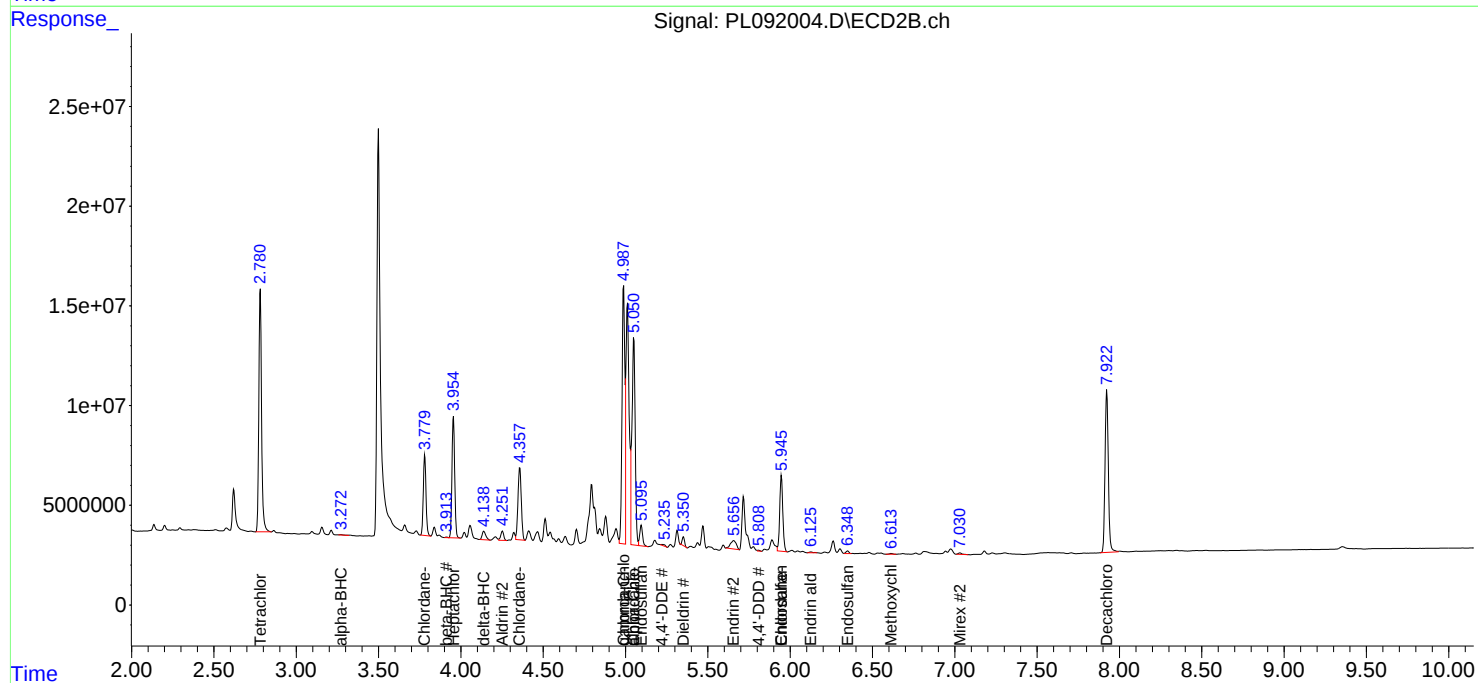
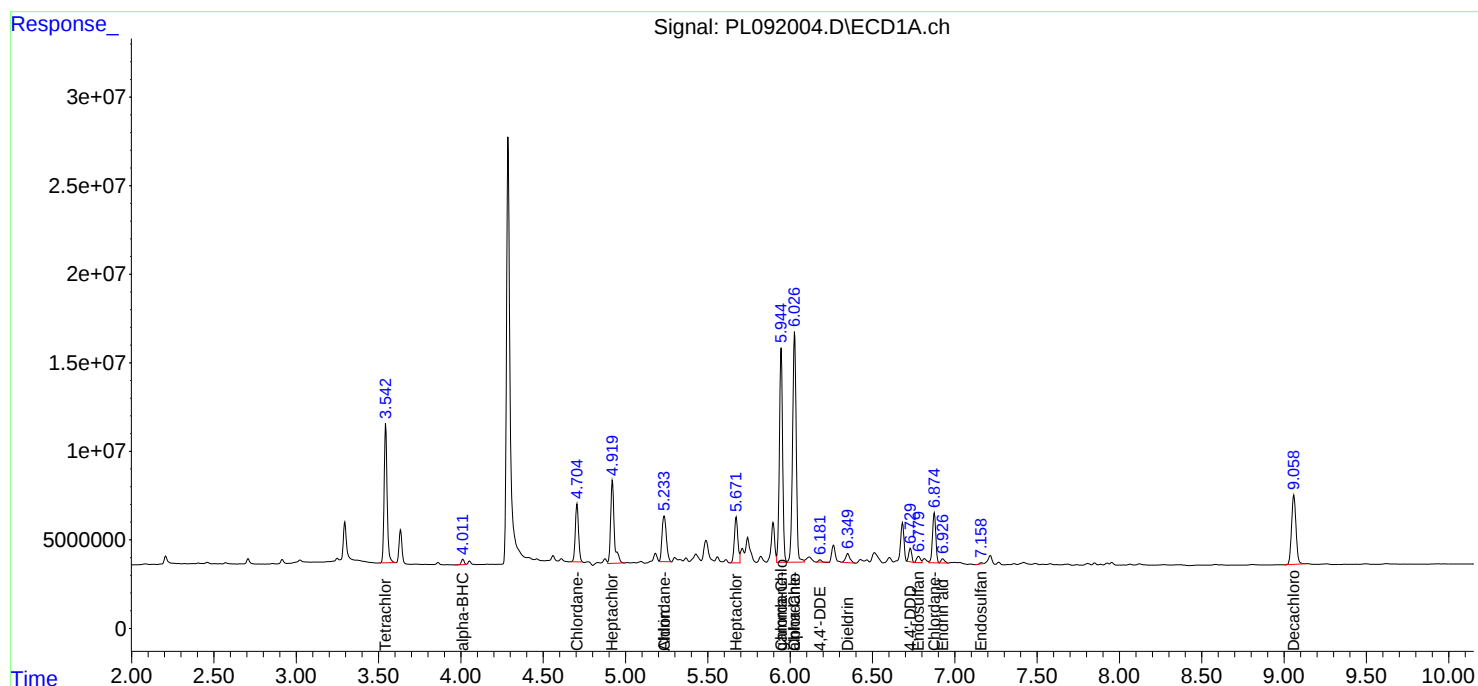
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

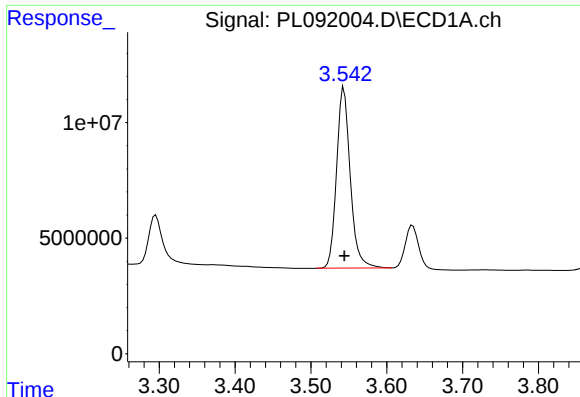
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092424\  
Data File : PL092004.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2024 14:35  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 01:18:58 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 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

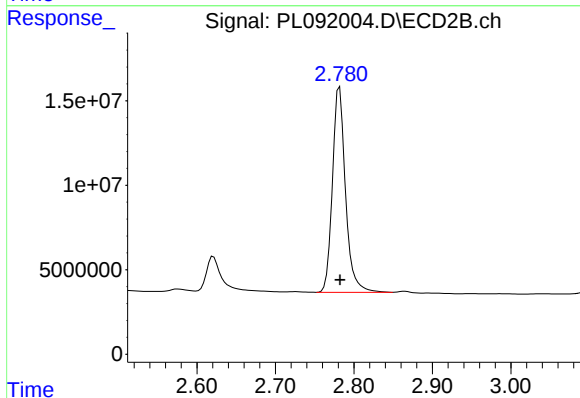




#1 Tetrachloro-m-xylene

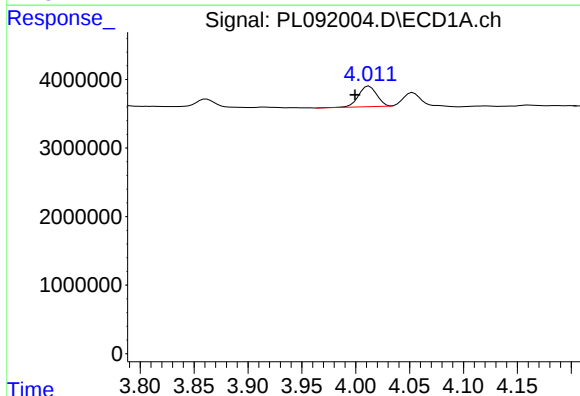
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 98225428  
Conc: 44.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



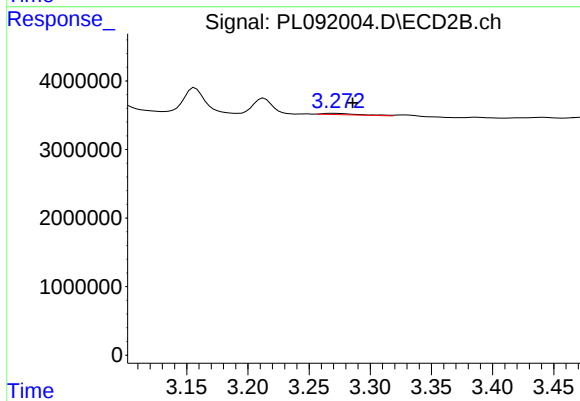
#1 Tetrachloro-m-xylene

R.T.: 2.782 min  
Delta R.T.: 0.000 min  
Response: 140674561  
Conc: 56.09 ng/ml



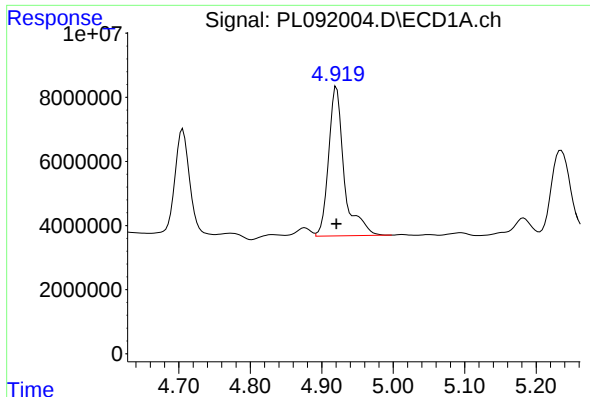
#2 alpha-BHC

R.T.: 4.013 min  
Delta R.T.: 0.013 min  
Response: 3554375  
Conc: 1.15 ng/ml



#2 alpha-BHC

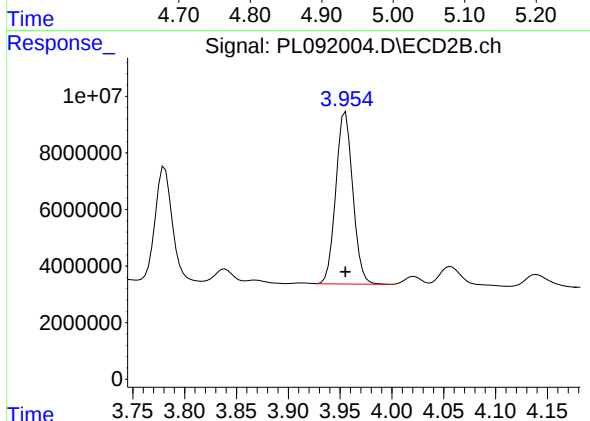
R.T.: 3.271 min  
Delta R.T.: -0.015 min  
Response: 394463  
Conc: 0.11 ng/ml



#4 Heptachlor

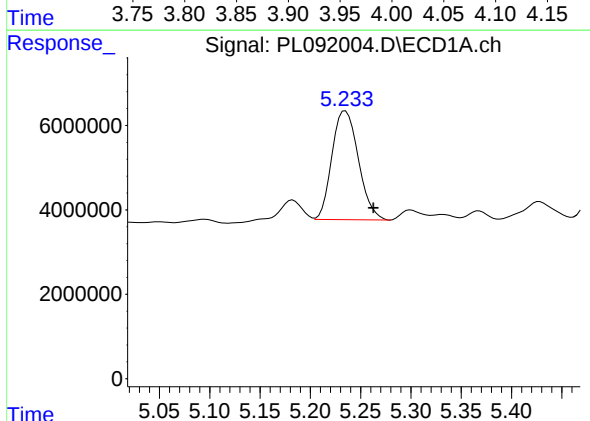
R.T.: 4.921 min  
Delta R.T.: 0.000 min  
Response: 70774697  
Conc: 25.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



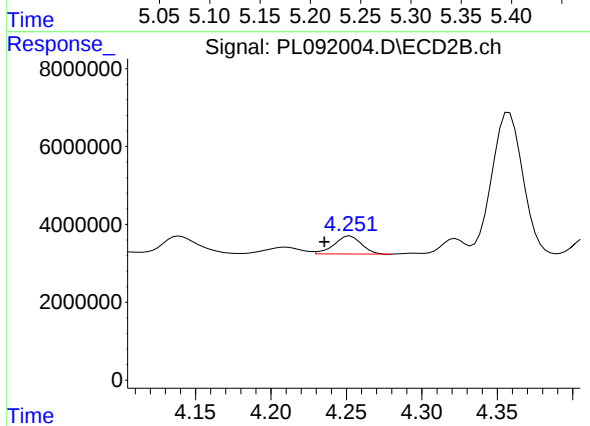
#4 Heptachlor

R.T.: 3.955 min  
Delta R.T.: 0.000 min  
Response: 69380032  
Conc: 20.11 ng/ml



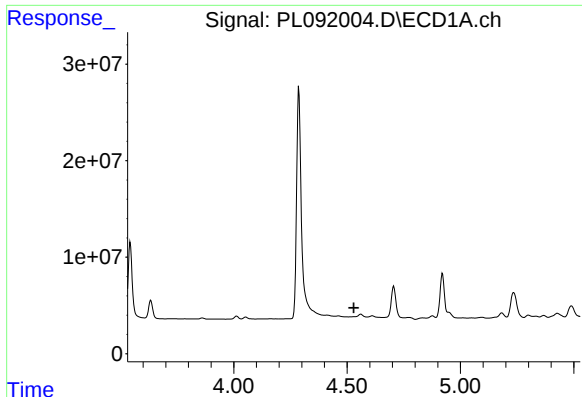
#5 Aldrin

R.T.: 5.235 min  
Delta R.T.: -0.028 min  
Response: 47245210  
Conc: 17.01 ng/ml



#5 Aldrin

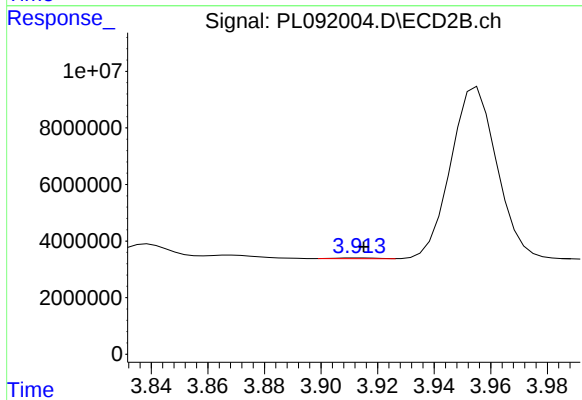
R.T.: 4.253 min  
Delta R.T.: 0.017 min  
Response: 5852059  
Conc: 1.72 ng/ml



#6 beta-BHC

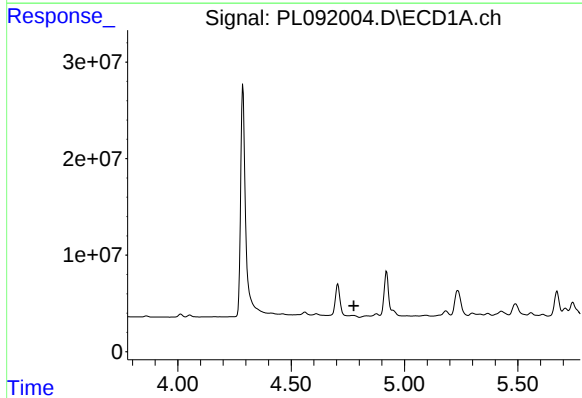
R.T.: 0.000 min  
Exp R.T.: 4.529 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



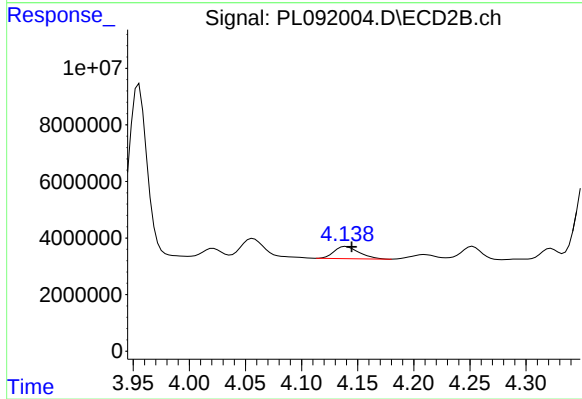
#6 beta-BHC

R.T.: 3.914 min  
Delta R.T.: -0.001 min  
Response: 260172  
Conc: 0.17 ng/ml



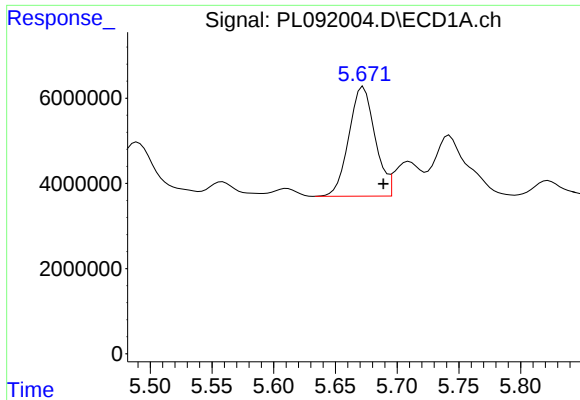
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.777 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

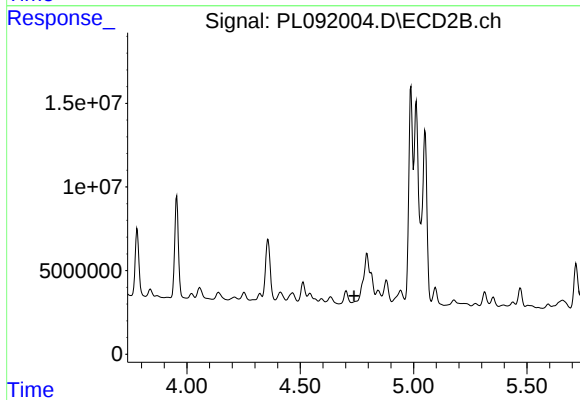
R.T.: 4.140 min  
Delta R.T.: -0.005 min  
Response: 6615475  
Conc: 1.91 ng/ml



#8 Heptachlor epoxide

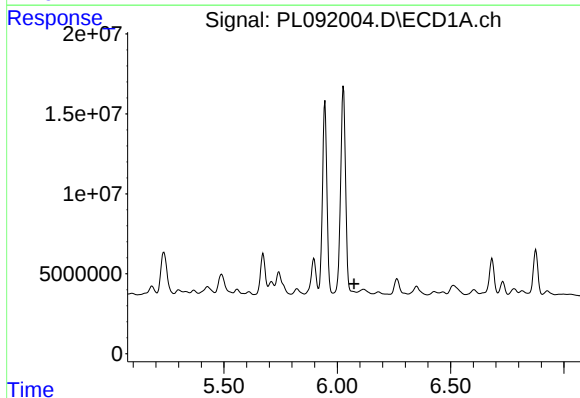
R.T.: 5.673 min  
Delta R.T.: -0.016 min  
Response: 37965244  
Conc: 14.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



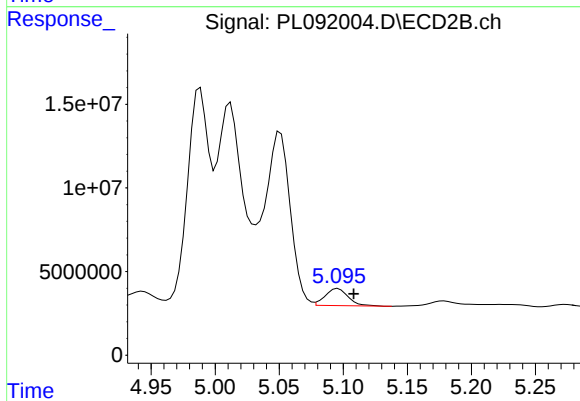
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



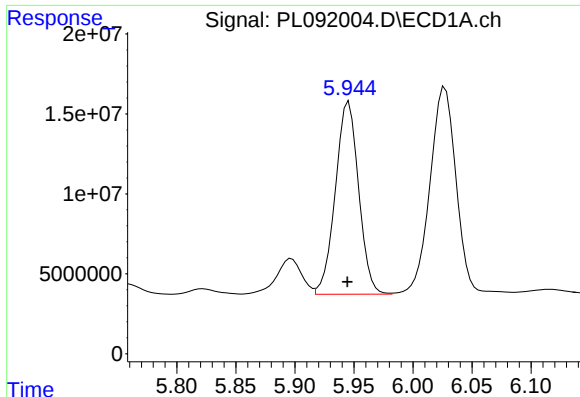
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.075 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

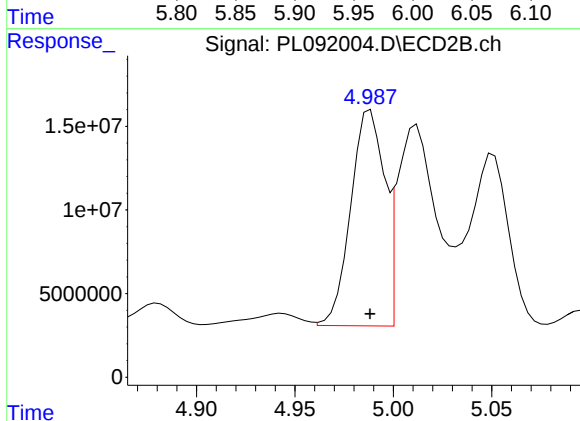
R.T.: 5.096 min  
Delta R.T.: -0.012 min  
Response: 12734285  
Conc: 4.64 ng/ml



#10 gamma-Chlordane

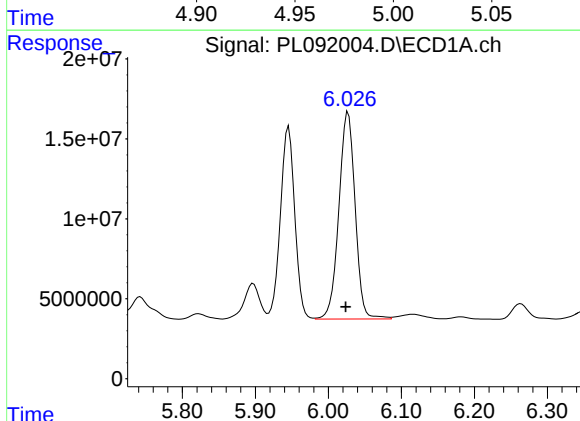
R.T.: 5.946 min  
Delta R.T.: 0.001 min  
Response: 165092049  
Conc: 66.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



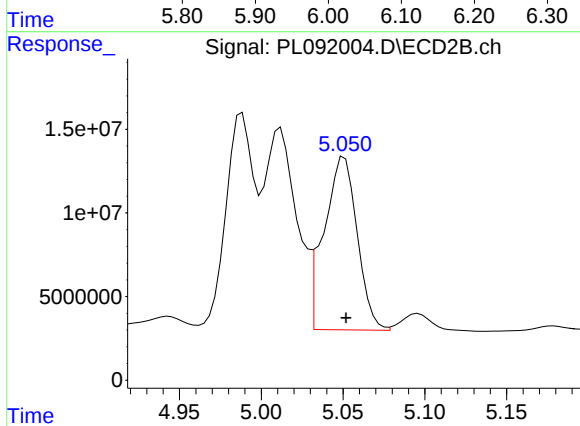
#10 gamma-Chlordane

R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 153019638  
Conc: 50.86 ng/ml



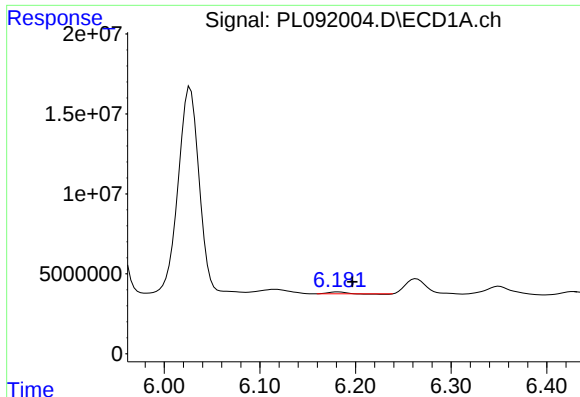
#11 alpha-Chlordane

R.T.: 6.027 min  
Delta R.T.: 0.003 min  
Response: 200275658  
Conc: 81.30 ng/ml



#11 alpha-Chlordane

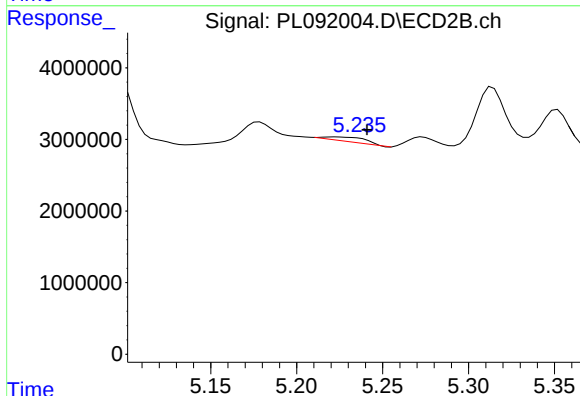
R.T.: 5.051 min  
Delta R.T.: -0.001 min  
Response: 145765896  
Conc: 48.69 ng/ml



#12 4,4'-DDE

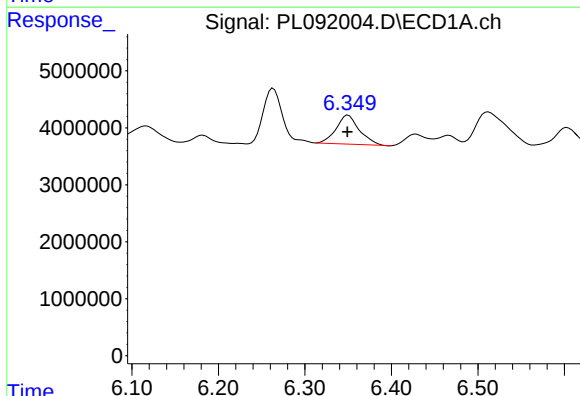
R.T.: 6.182 min  
Delta R.T.: -0.015 min  
Response: 1038947  
Conc: 0.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



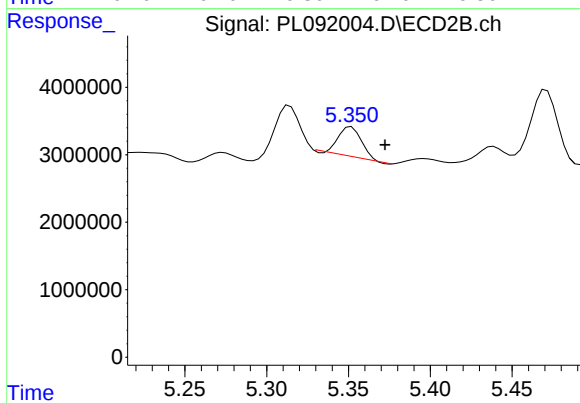
#12 4,4'-DDE

R.T.: 5.223 min  
Delta R.T.: -0.018 min  
Response: 1026505  
Conc: 0.37 ng/ml



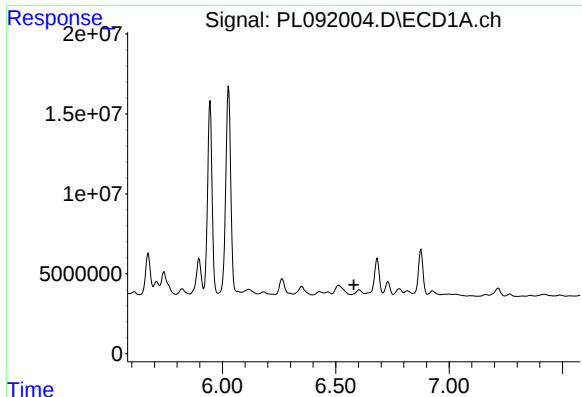
#13 Dieldrin

R.T.: 6.350 min  
Delta R.T.: 0.000 min  
Response: 9309183  
Conc: 3.82 ng/ml



#13 Dieldrin

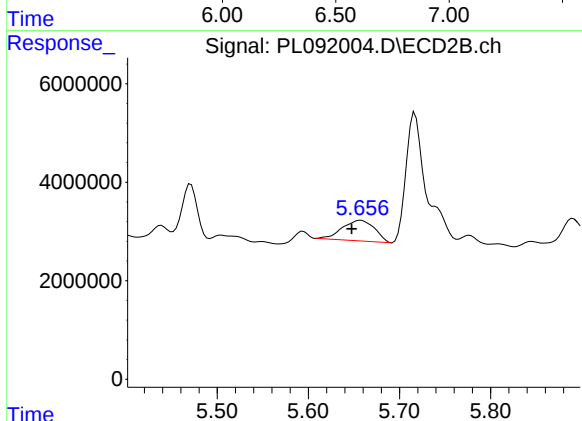
R.T.: 5.352 min  
Delta R.T.: -0.021 min  
Response: 4235507  
Conc: 1.44 ng/ml



#14 Endrin

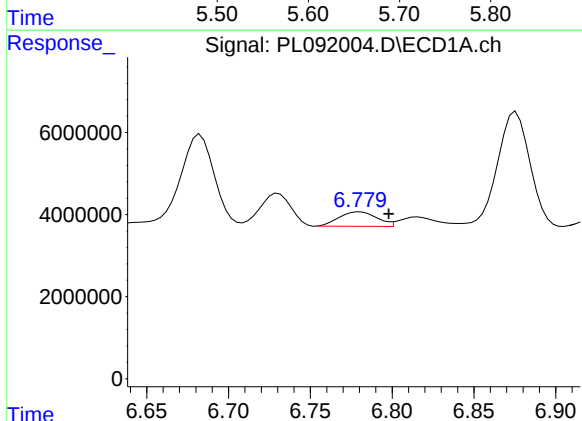
R.T.: 0.000 min  
Exp R.T.: 6.579 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



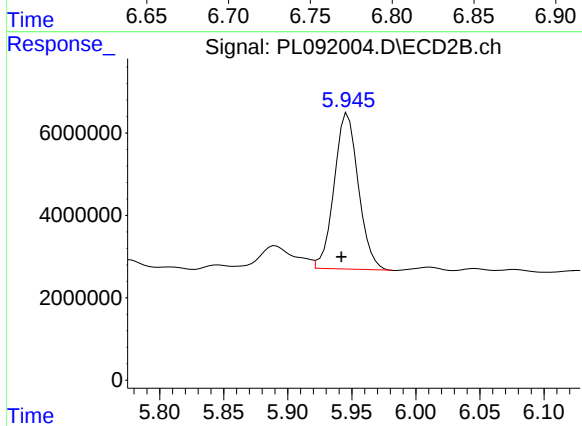
#14 Endrin

R.T.: 5.658 min  
Delta R.T.: 0.010 min  
Response: 10300043  
Conc: 3.93 ng/ml



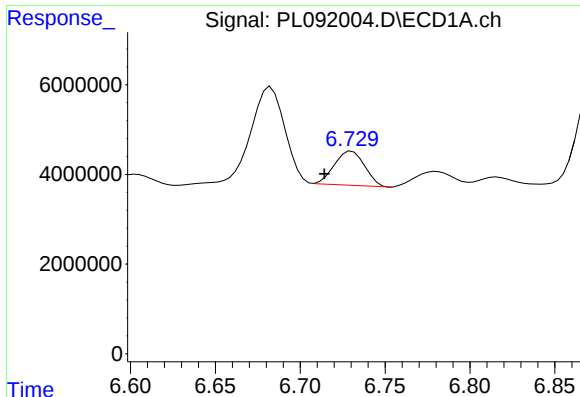
#15 Endosulfan II

R.T.: 6.780 min  
Delta R.T.: -0.018 min  
Response: 5645842  
Conc: 2.57 ng/ml



#15 Endosulfan II

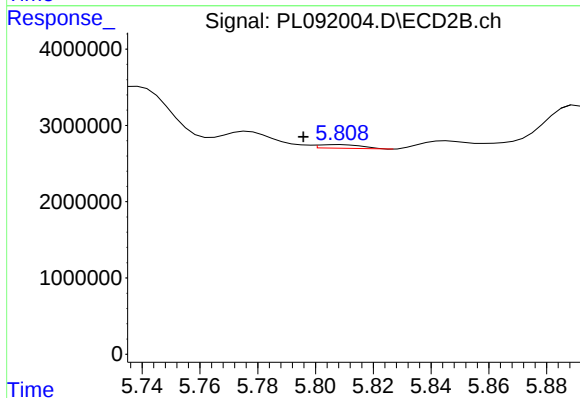
R.T.: 5.947 min  
Delta R.T.: 0.005 min  
Response: 49726991  
Conc: 19.87 ng/ml



#16 4,4'-DDD

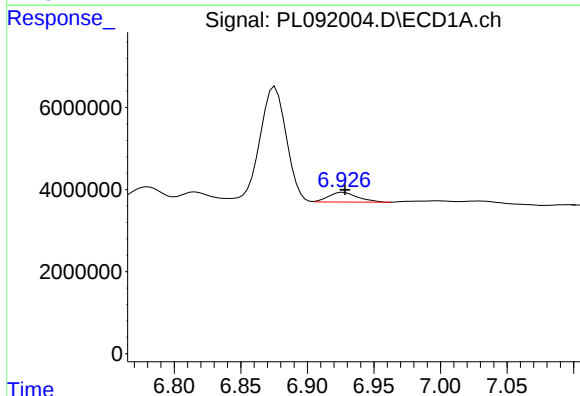
R.T.: 6.730 min  
Delta R.T.: 0.016 min  
Response: 9416183  
Conc: 5.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



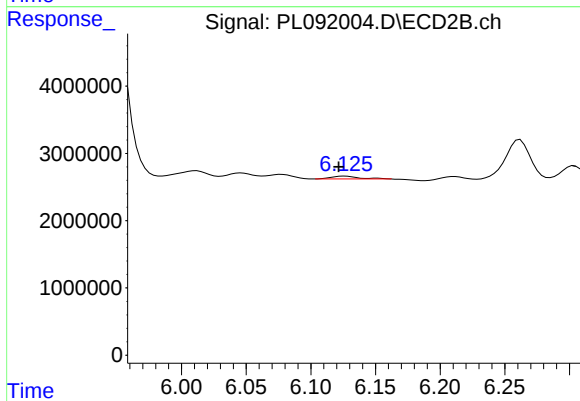
#16 4,4'-DDD

R.T.: 5.808 min  
Delta R.T.: 0.012 min  
Response: 494531  
Conc: 0.23 ng/ml



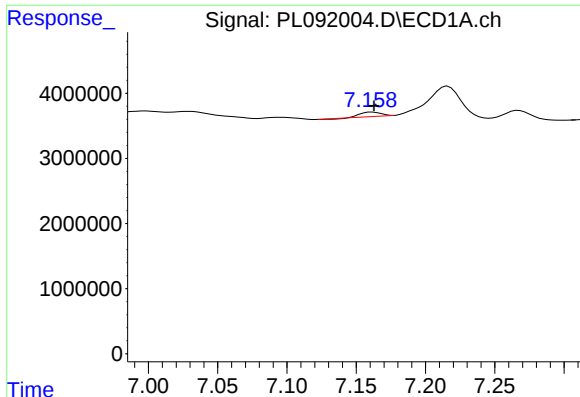
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.001 min  
Response: 3589076  
Conc: 2.06 ng/ml



#18 Endrin aldehyde

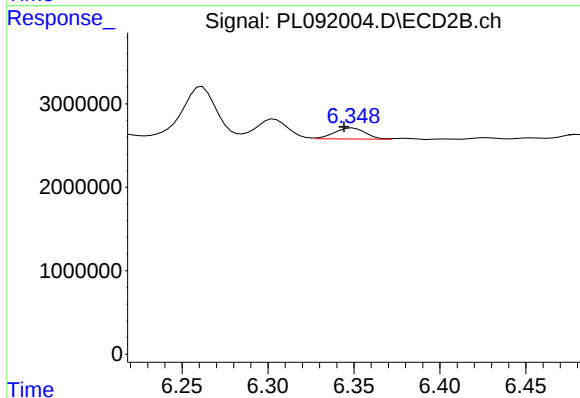
R.T.: 6.126 min  
Delta R.T.: 0.005 min  
Response: 507000  
Conc: 0.25 ng/ml



#19 Endosulfan Sulfate

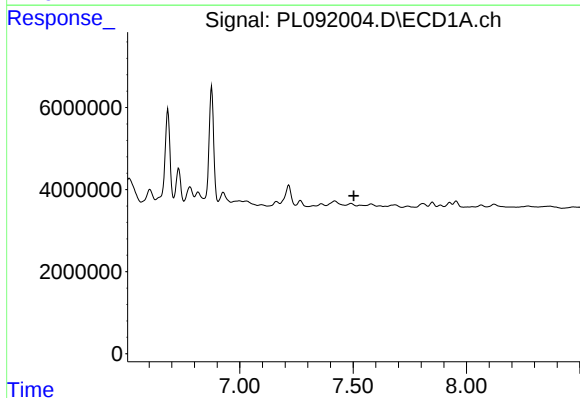
R.T.: 7.162 min  
Delta R.T.: -0.001 min  
Response: 657944  
Conc: 0.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



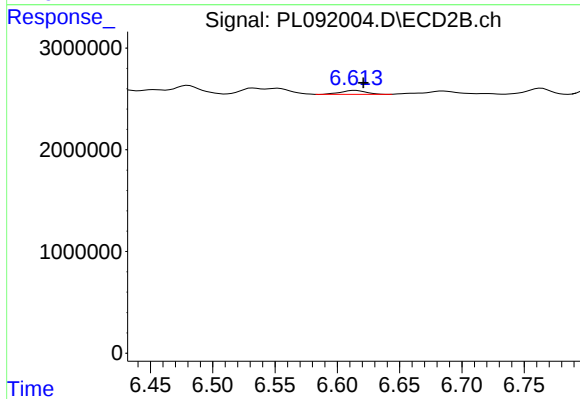
#19 Endosulfan Sulfate

R.T.: 6.349 min  
Delta R.T.: 0.005 min  
Response: 1653665  
Conc: 0.69 ng/ml



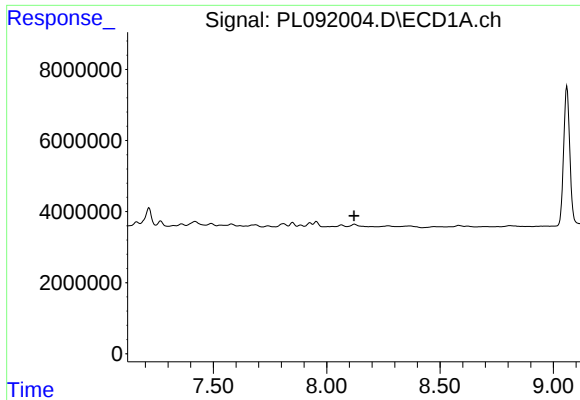
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.504 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

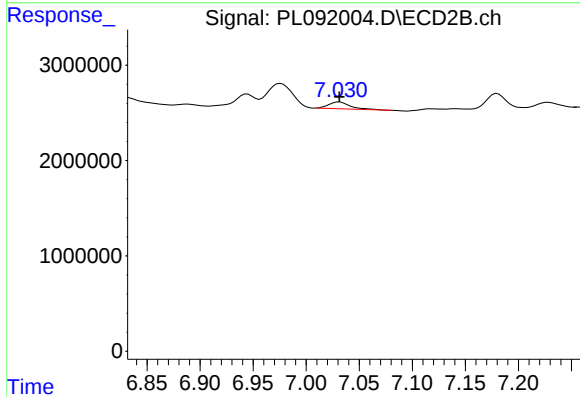
R.T.: 6.614 min  
Delta R.T.: -0.007 min  
Response: 542747  
Conc: 0.43 ng/ml



#22 Mirex

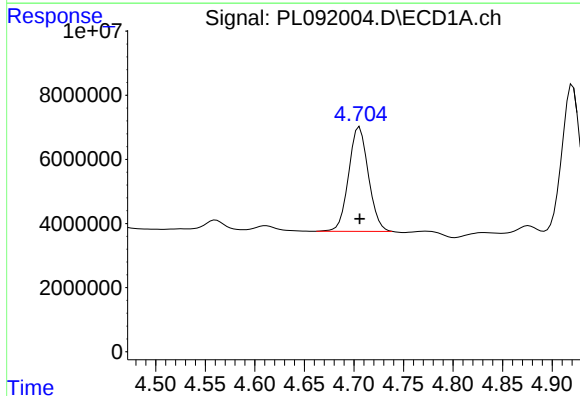
R.T.: 0.000 min  
Exp R.T.: 8.121 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



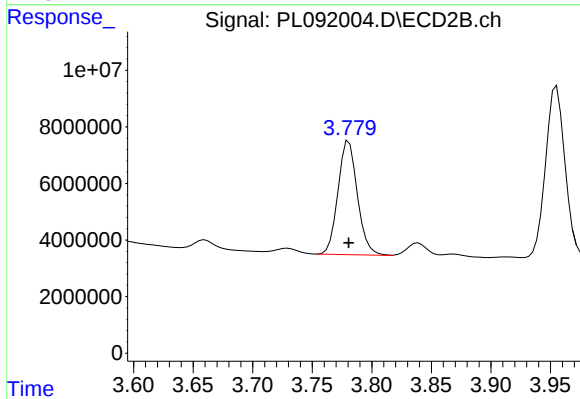
#22 Mirex

R.T.: 7.031 min  
Delta R.T.: 0.000 min  
Response: 900020  
Conc: 0.37 ng/ml



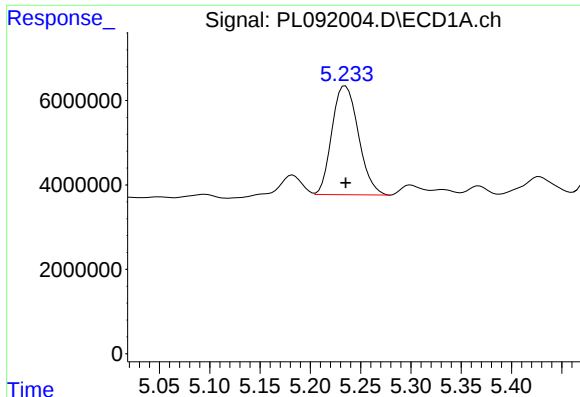
#23 Chlordane-1

R.T.: 4.706 min  
Delta R.T.: 0.000 min  
Response: 45186114  
Conc: 440.86 ng/ml



#23 Chlordane-1

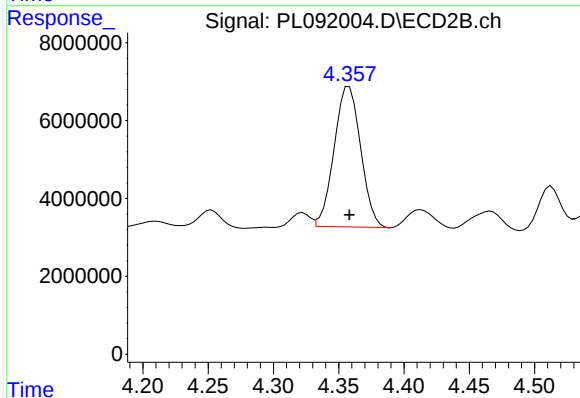
R.T.: 3.781 min  
Delta R.T.: 0.000 min  
Response: 45572058  
Conc: 455.81 ng/ml



#24 Chlordane-2

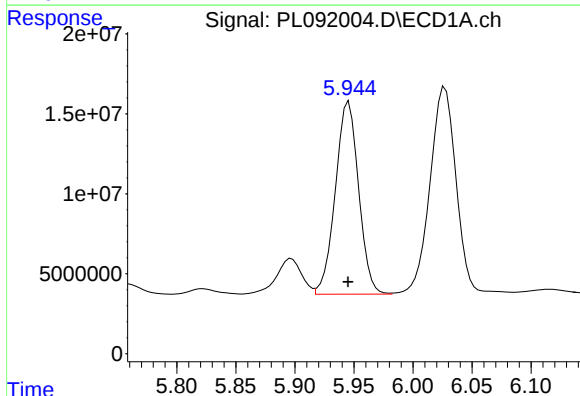
R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 47245210  
Conc: 440.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



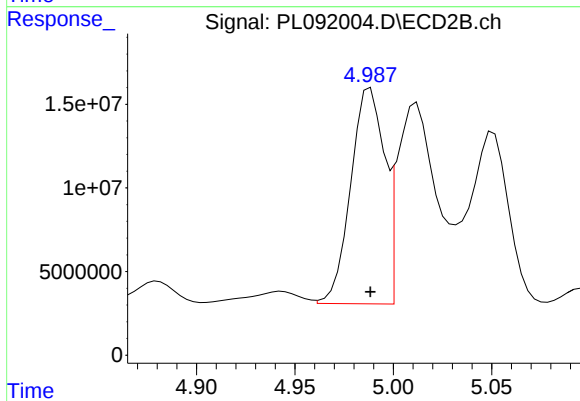
#24 Chlordane-2

R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 51014589  
Conc: 454.57 ng/ml



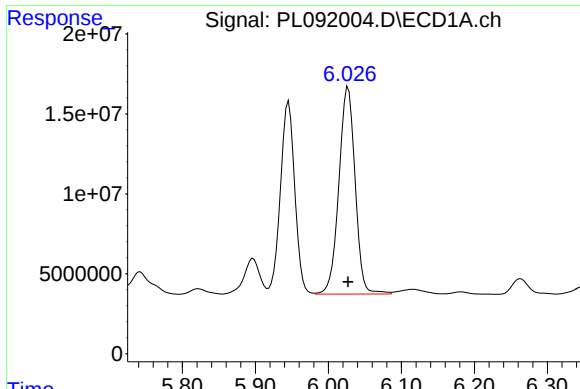
#25 Chlordane-3

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 165092049  
Conc: 440.74 ng/ml



#25 Chlordane-3

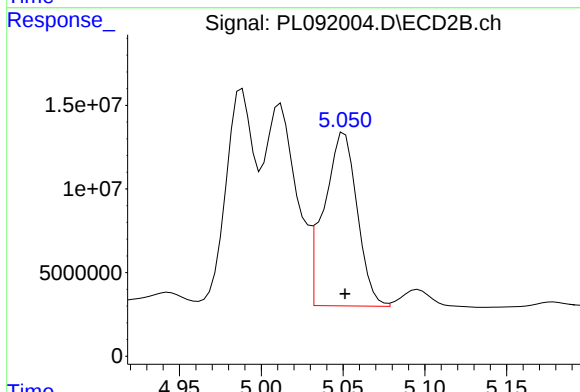
R.T.: 4.989 min  
Delta R.T.: 0.000 min  
Response: 153019638  
Conc: 461.98 ng/ml



#26 Chlordane-4

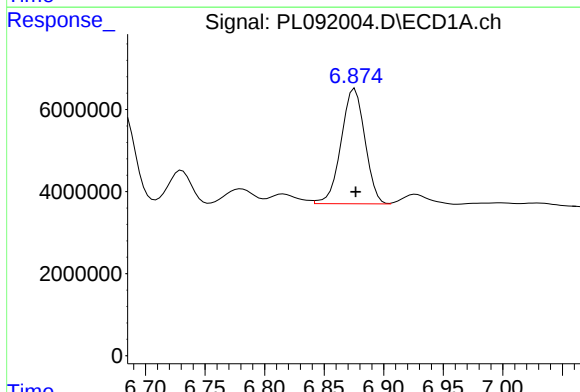
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 200275658  
Conc: 442.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



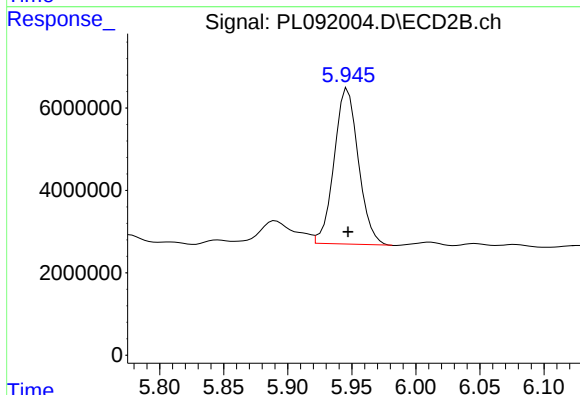
#26 Chlordane-4

R.T.: 5.051 min  
Delta R.T.: 0.000 min  
Response: 145765896  
Conc: 459.42 ng/ml



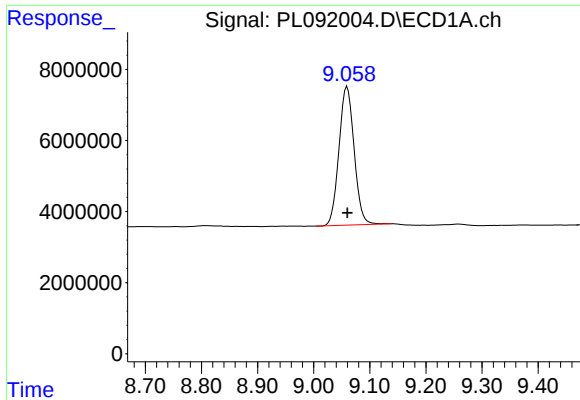
#27 Chlordane-5

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 39006794  
Conc: 447.25 ng/ml



#27 Chlordane-5

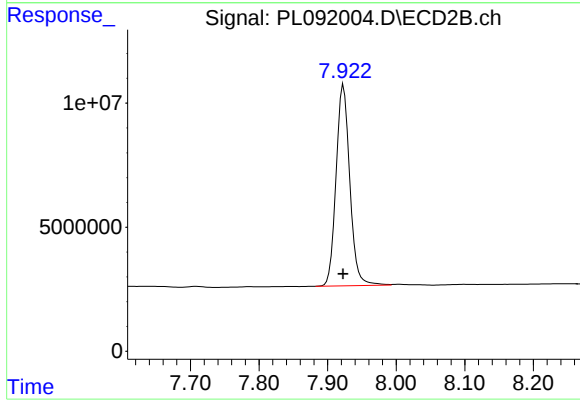
R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 49726991  
Conc: 458.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 73319861  
Conc: 44.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.923 min  
Delta R.T.: 0.000 min  
Response: 113018494  
Conc: 45.17 ng/ml