

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071124\  
 Data File : PL090499.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2024 19:03  
 Operator : AR\AJ  
 Sample : P3207-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CHRT-26899

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 01:35:17 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 25 11:05:38 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... | 3.543  | 2.793  | 12922016 | 29241005 | 5.694  | 18.486 #  |
| 2)                          | SA Decachlor... | 9.052  | 7.929  | 12062080 | 16435434 | 7.821  | 11.018 #  |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 4.032f | 3.267f | 10345822 | 6990415  | 3.299  | 3.127     |
| 3)                          | MA gamma-BHC... | 0.000  | 3.626  | 0        | 3076467  | N.D.   | 1.439 #   |
| 4)                          | MA Heptachlor   | 4.909f | 3.988f | 2405401  | 858559   | 0.866  | 0.413 #   |
| 5)                          | MB Aldrin       | 5.256  | 4.267f | 1608416  | 490789   | 0.588  | 0.248 #   |
| 6)                          | B beta-BHC      | 4.549f | 3.923  | 4787865  | 3156092  | 3.555  | 3.269     |
| 7)                          | B delta-BHC     | 4.767  | 4.150  | 2520004  | 2340650  | 0.893  | 1.154 #   |
| 8)                          | B Heptachlo...  | 5.687  | 4.743  | 1957488  | 794509   | 0.768  | 0.432 #   |
| 9)                          | A Endosulfan I  | 6.106f | 5.141f | 6429322  | 4878869  | 2.730  | 2.820     |
| 10)                         | B gamma-Chl...  | 5.973f | 4.997  | 2320372  | 356587   | 0.918  | 0.186 #   |
| 11)                         | B alpha-Chl...  | 6.030  | 5.061  | 3239715  | 1127261  | 1.299  | 0.589 #   |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.264  | 459916   | 1877452  | 0.211  | 1.133 #   |
| 14)                         | MA Endrin       | 6.589  | 5.664  | 1048519  | 2077862  | 0.495  | 1.257 #   |
| 15)                         | B Endosulfa...  | 6.829f | 5.969f | 1645127  | 4162565  | 0.744  | 2.537 #   |
| 16)                         | A 4,4'-DDD      | 6.696f | 5.800  | 4892508  | 674777   | 2.670  | 0.492 #   |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.052  | 3928806  | 36172    | 2.047  | 0.024 #   |
| 18)                         | B Endrin al...  | 6.931  | 6.139  | 1843832  | 825044   | 1.092  | 0.648 #   |
| 19)                         | B Endosulfa...  | 7.169  | 6.347  | 103220   | 1201731  | 0.052  | 0.768 #   |
| 20)                         | A Methoxychlor  | 7.511  | 6.609f | 71378    | 93491    | 0.069  | 0.112 #   |
| 21)                         | B Endrin ke...  | 7.664  | 0.000  | 1368786  | 0        | 0.631  | N.D. #    |
| 22)                         | Mirex           | 0.000  | 7.037  | 0        | 60341    | N.D.   | 0.040 #   |
| 23)                         | Chlordane-1     | 4.713  | 3.799  | 407318   | 8463485  | 4.147  | 139.006 # |
| 24)                         | Chlordane-2     | 5.256f | 4.335f | 1608416  | 824480   | 13.560 | 11.667    |
| 25)                         | Chlordane-3     | 5.973f | 4.997  | 2320372  | 356587   | 6.311  | 1.766 #   |
| 26)                         | Chlordane-4     | 6.030  | 5.061  | 3239715  | 1127261  | 7.262  | 5.904     |
| 27)                         | Chlordane-5     | 6.880  | 5.750f | 573113   | 3092792  | 6.363  | 51.203 #  |
| -----                       |                 |        |        |          |          |        |           |

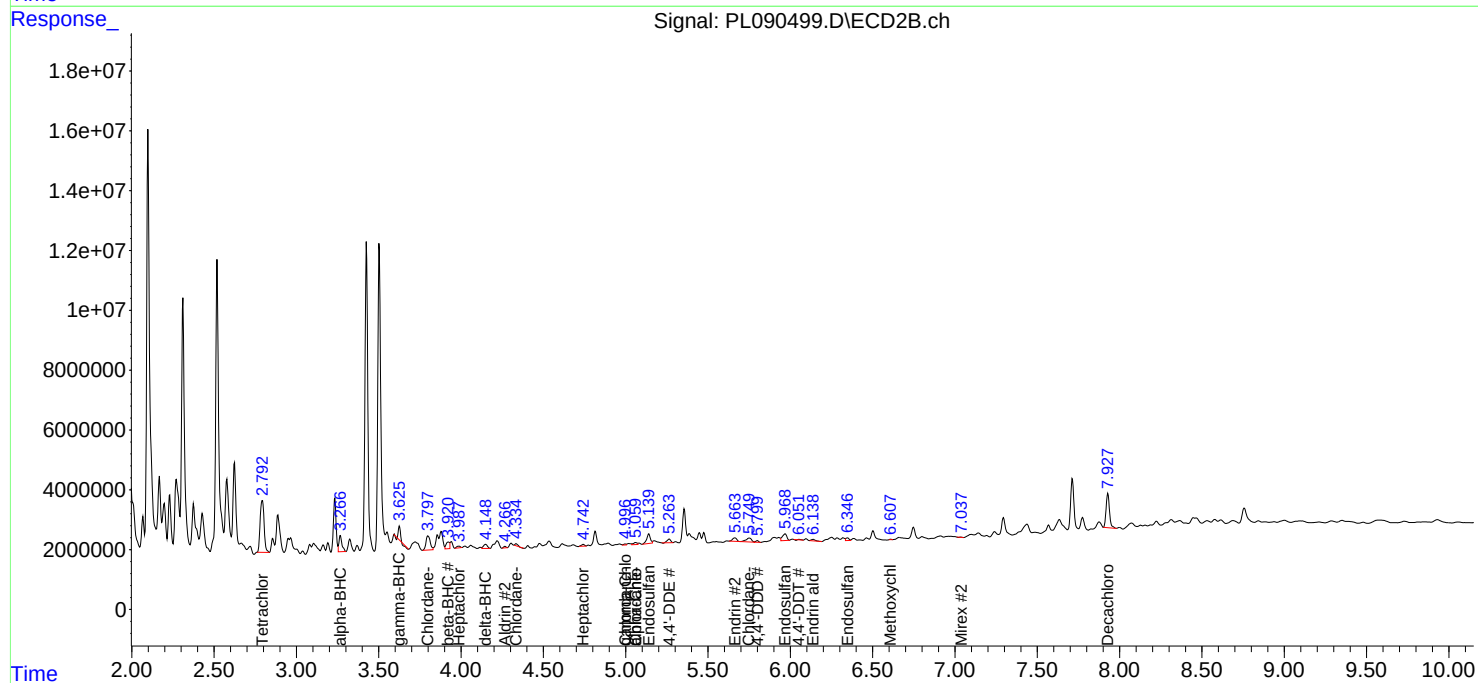
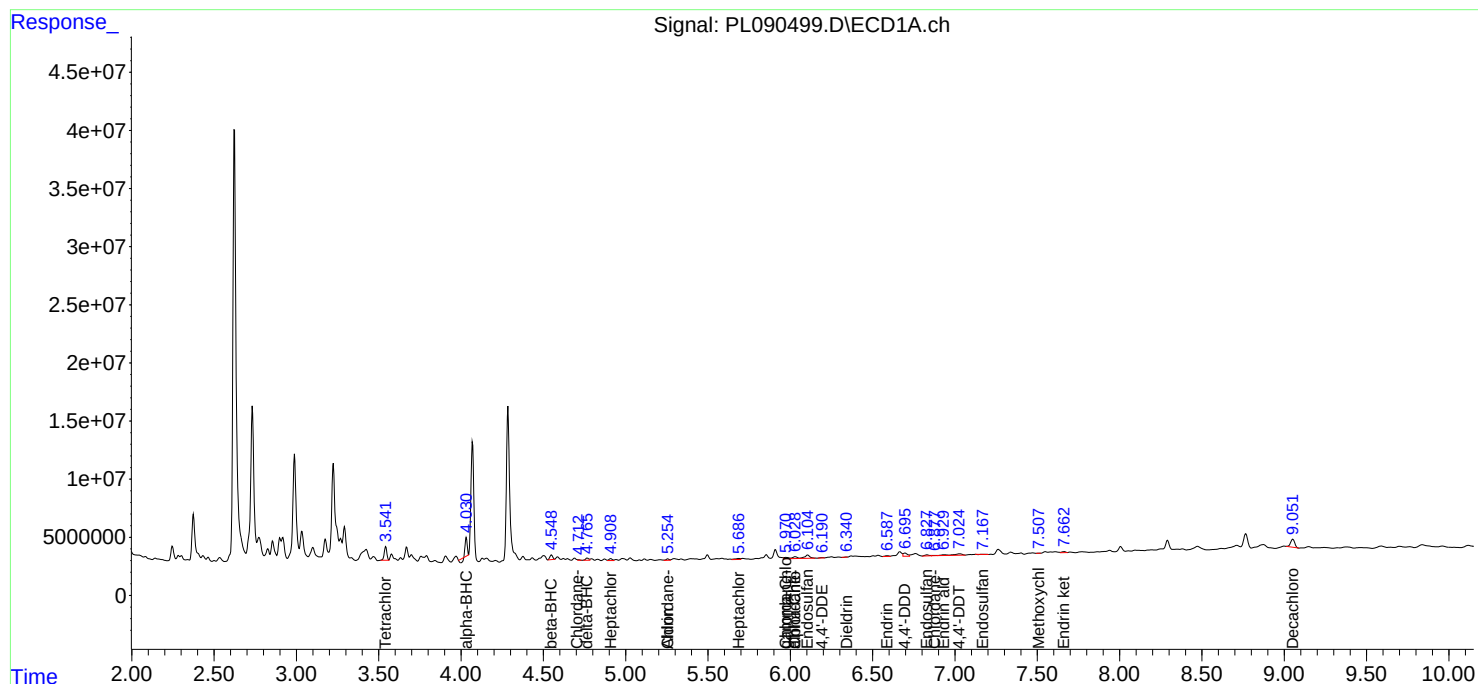
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

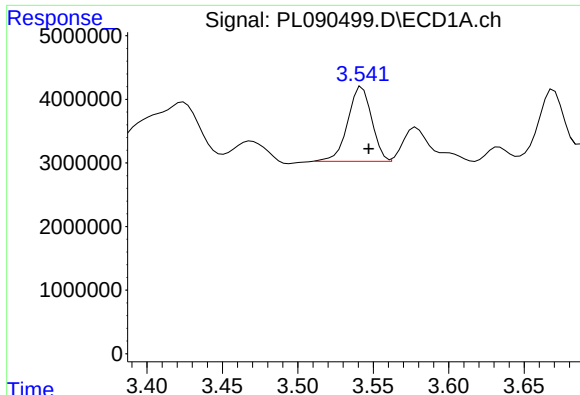
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071124\  
Data File : PL090499.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2024 19:03  
Operator : AR\AJ  
Sample : P3207-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 12 01:35:17 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062424.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 25 11:05:38 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

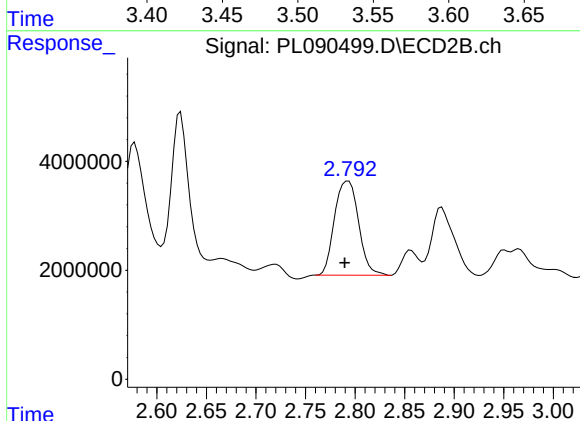




#1 Tetrachloro-m-xylene

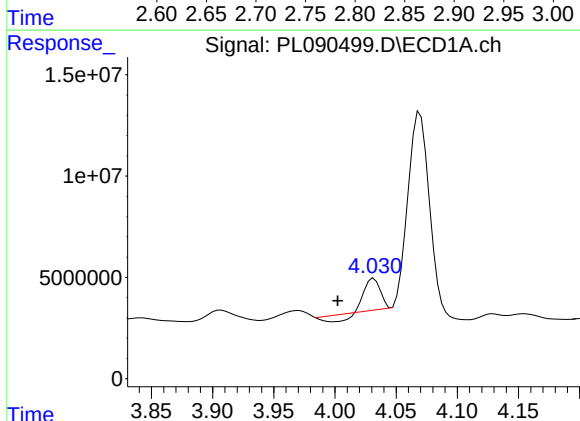
R.T.: 3.543 min  
Delta R.T.: -0.004 min  
Response: 12922016  
Conc: 5.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



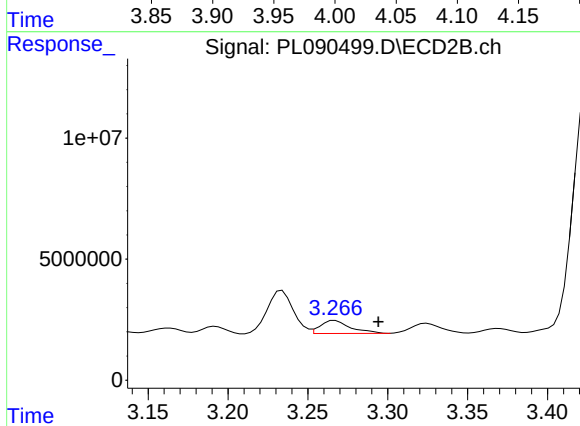
#1 Tetrachloro-m-xylene

R.T.: 2.793 min  
Delta R.T.: 0.003 min  
Response: 29241005  
Conc: 18.49 ng/ml



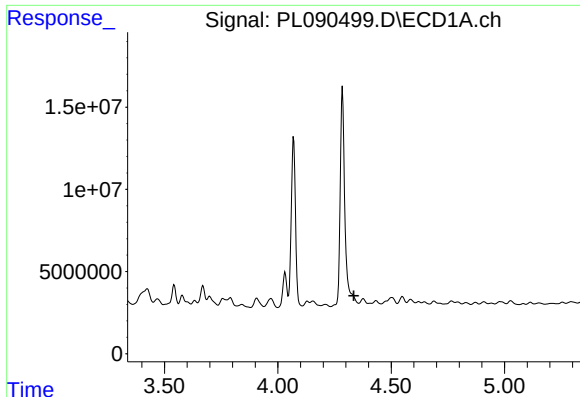
#2 alpha-BHC

R.T.: 4.032 min  
Delta R.T.: 0.029 min  
Response: 10345822  
Conc: 3.30 ng/ml



#2 alpha-BHC

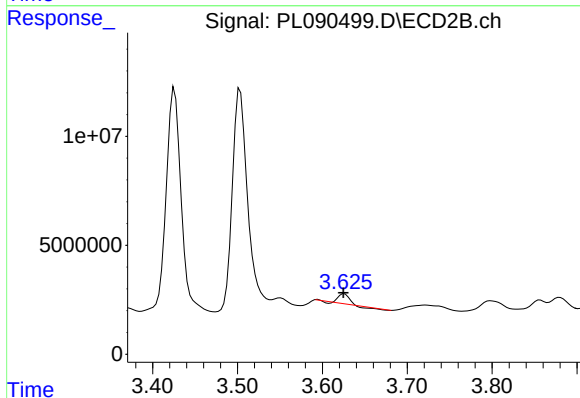
R.T.: 3.267 min  
Delta R.T.: -0.027 min  
Response: 6990415  
Conc: 3.13 ng/ml



#3 gamma-BHC (Lindane)

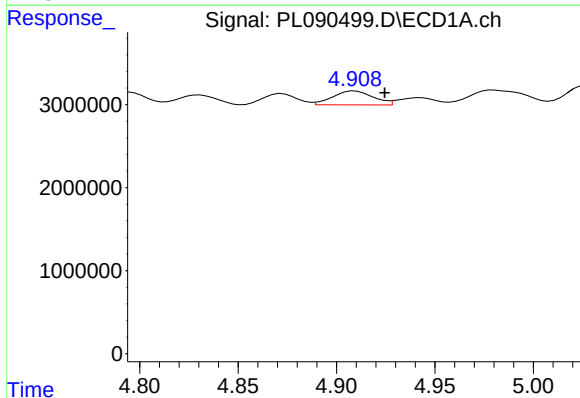
R.T.: 0.000 min  
Exp R.T.: 4.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



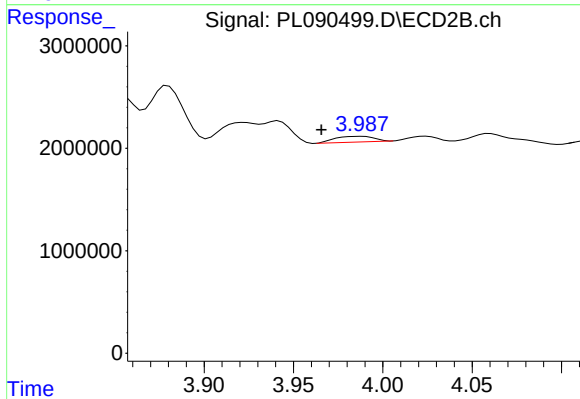
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: 0.000 min  
Response: 3076467  
Conc: 1.44 ng/ml



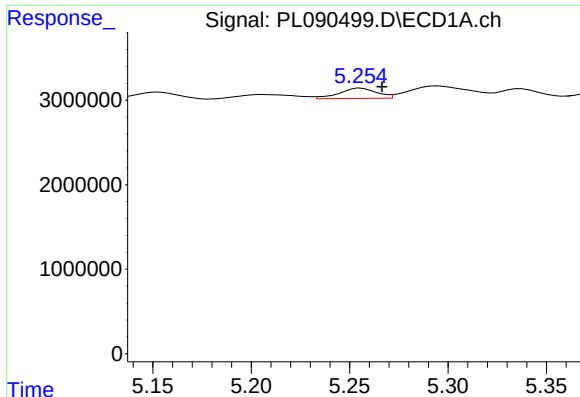
#4 Heptachlor

R.T.: 4.909 min  
Delta R.T.: -0.015 min  
Response: 2405401  
Conc: 0.87 ng/ml



#4 Heptachlor

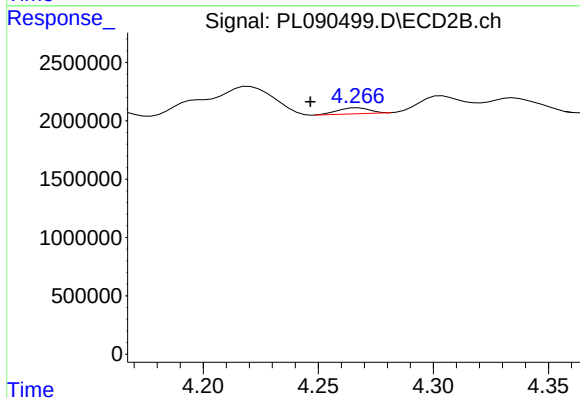
R.T.: 3.988 min  
Delta R.T.: 0.022 min  
Response: 858559  
Conc: 0.41 ng/ml



#5 Aldrin

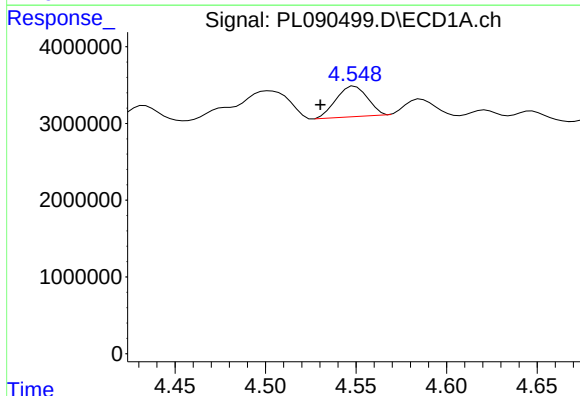
R.T.: 5.256 min  
Delta R.T.: -0.011 min  
Response: 1608416  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



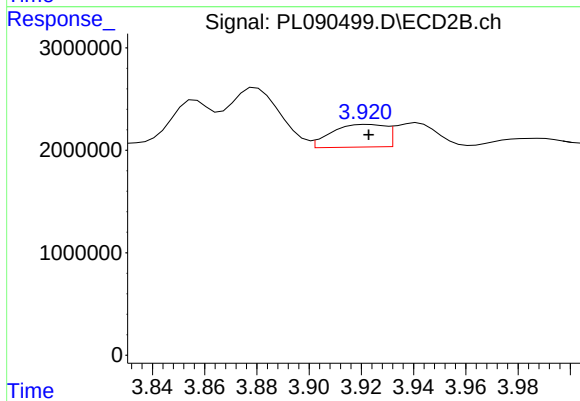
#5 Aldrin

R.T.: 4.267 min  
Delta R.T.: 0.021 min  
Response: 490789  
Conc: 0.25 ng/ml



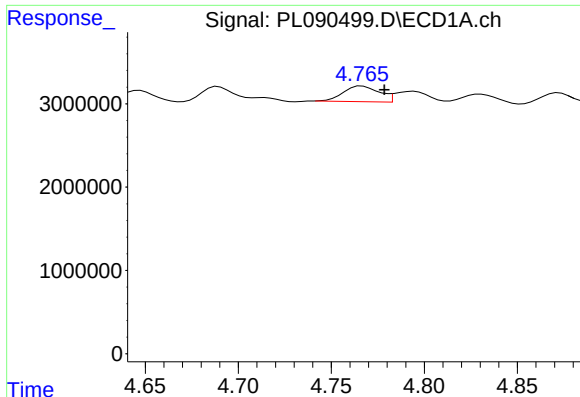
#6 beta-BHC

R.T.: 4.549 min  
Delta R.T.: 0.019 min  
Response: 4787865  
Conc: 3.55 ng/ml



#6 beta-BHC

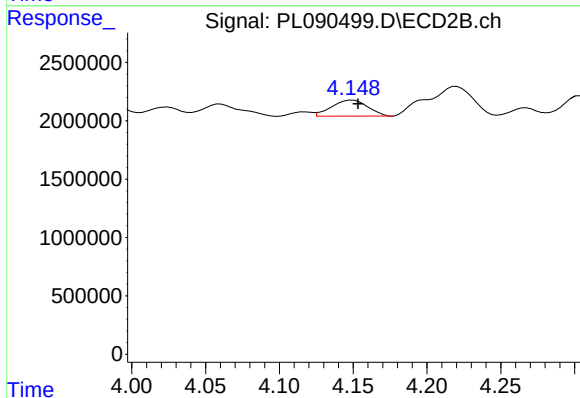
R.T.: 3.923 min  
Delta R.T.: 0.000 min  
Response: 3156092  
Conc: 3.27 ng/ml



#7 delta-BHC

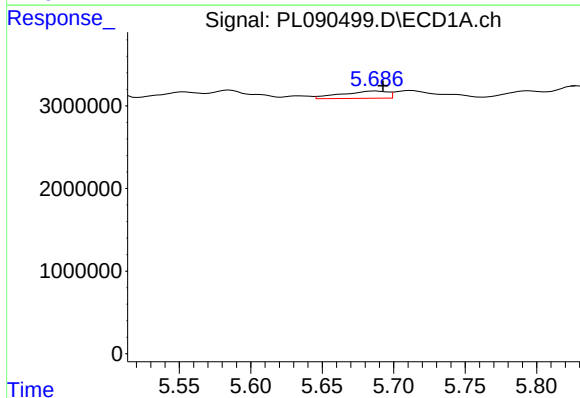
R.T.: 4.767 min  
Delta R.T.: -0.012 min  
Response: 2520004  
Conc: 0.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



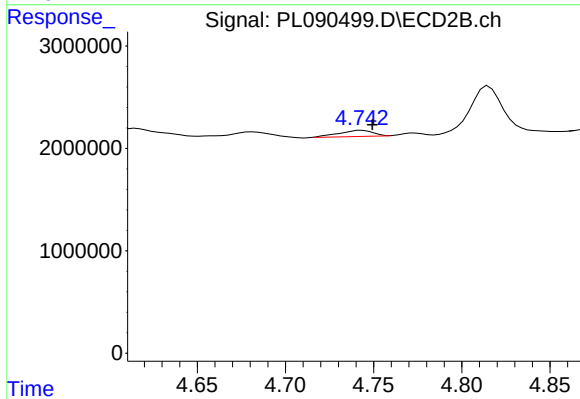
#7 delta-BHC

R.T.: 4.150 min  
Delta R.T.: -0.003 min  
Response: 2340650  
Conc: 1.15 ng/ml



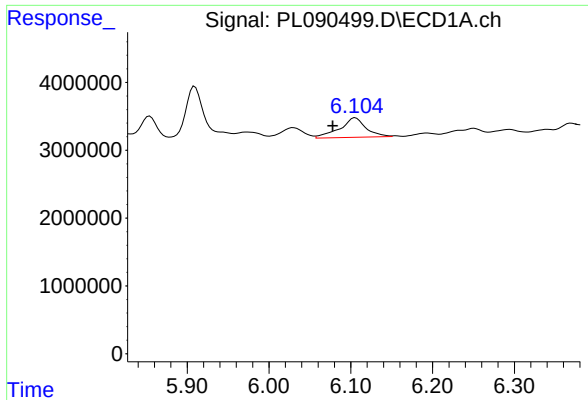
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.005 min  
Response: 1957488  
Conc: 0.77 ng/ml



#8 Heptachlor epoxide

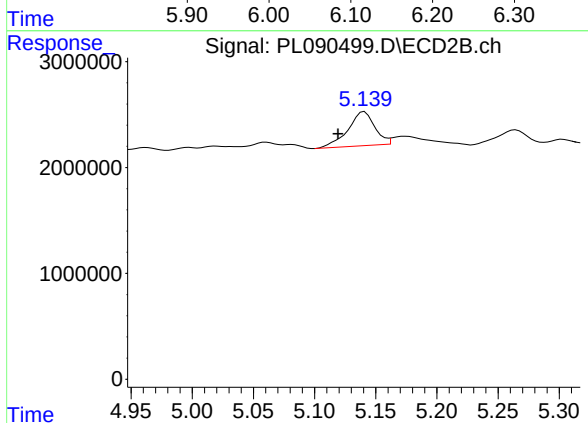
R.T.: 4.743 min  
Delta R.T.: -0.006 min  
Response: 794509  
Conc: 0.43 ng/ml



#9 Endosulfan I

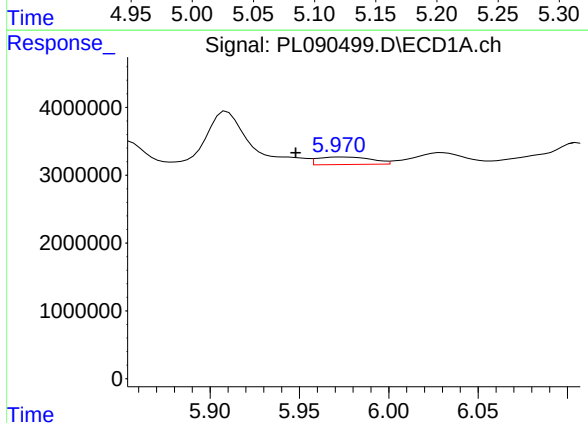
R.T.: 6.106 min  
Delta R.T.: 0.028 min  
Response: 6429322  
Conc: 2.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



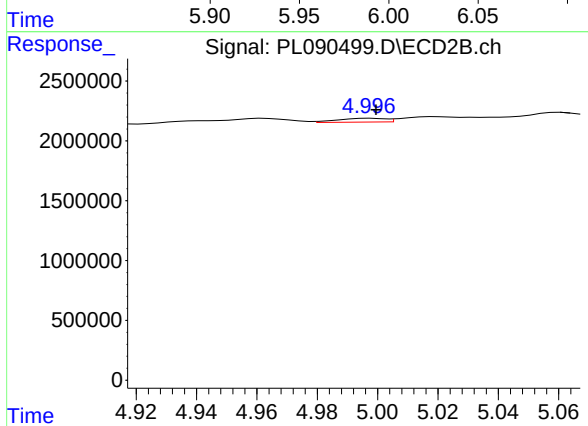
#9 Endosulfan I

R.T.: 5.141 min  
Delta R.T.: 0.021 min  
Response: 4878869  
Conc: 2.82 ng/ml



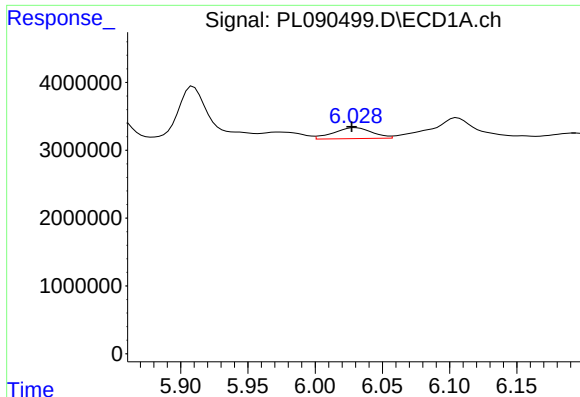
#10 gamma-Chlordane

R.T.: 5.973 min  
Delta R.T.: 0.025 min  
Response: 2320372  
Conc: 0.92 ng/ml



#10 gamma-Chlordane

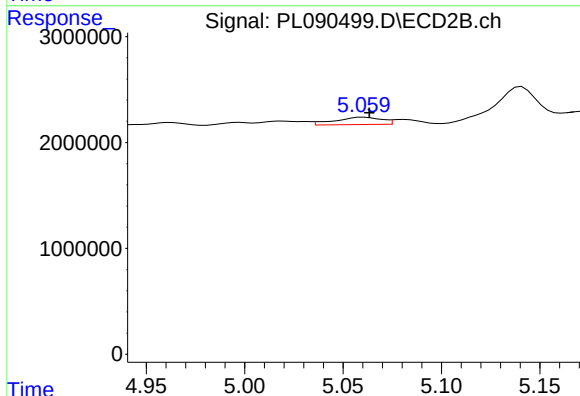
R.T.: 4.997 min  
Delta R.T.: -0.002 min  
Response: 356587  
Conc: 0.19 ng/ml



#11 alpha-Chlordane

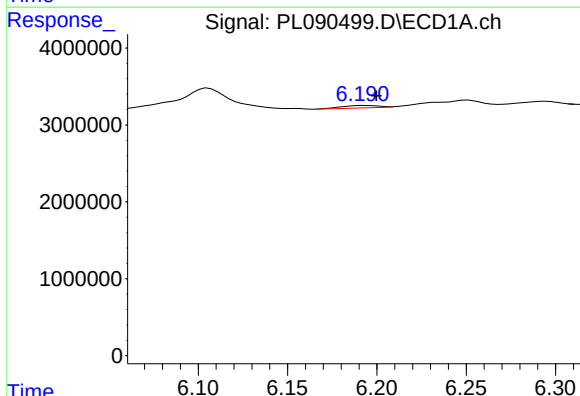
R.T.: 6.030 min  
Delta R.T.: 0.003 min  
Response: 3239715  
Conc: 1.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



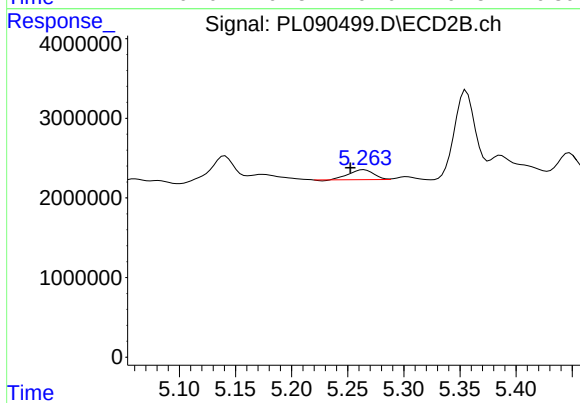
#11 alpha-Chlordane

R.T.: 5.061 min  
Delta R.T.: -0.003 min  
Response: 1127261  
Conc: 0.59 ng/ml



#12 4,4'-DDE

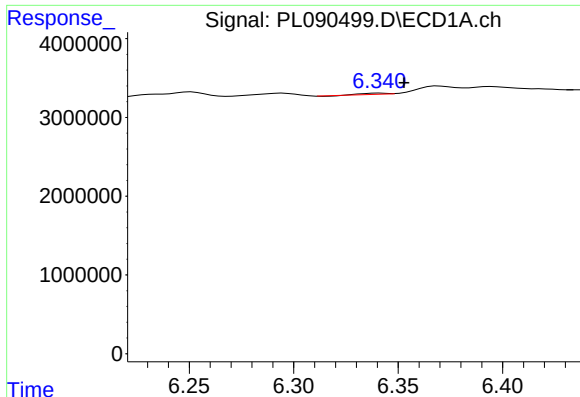
R.T.: 6.193 min  
Delta R.T.: -0.006 min  
Response: 459916  
Conc: 0.21 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min  
Delta R.T.: 0.012 min  
Response: 1877452  
Conc: 1.13 ng/ml

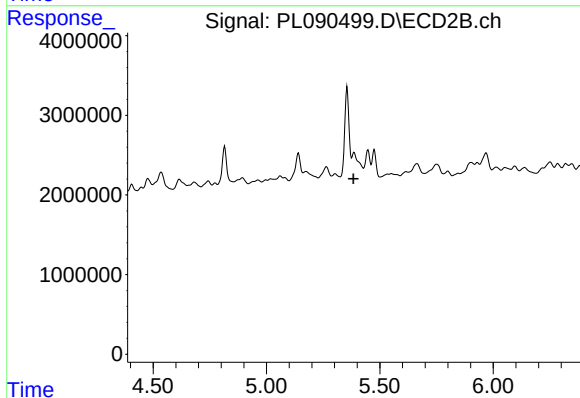




#13 Dieldrin

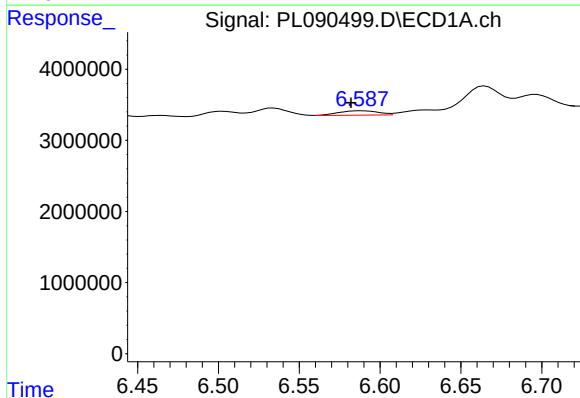
R.T.: 6.341 min  
Delta R.T.: -0.012 min  
Response: 94428  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



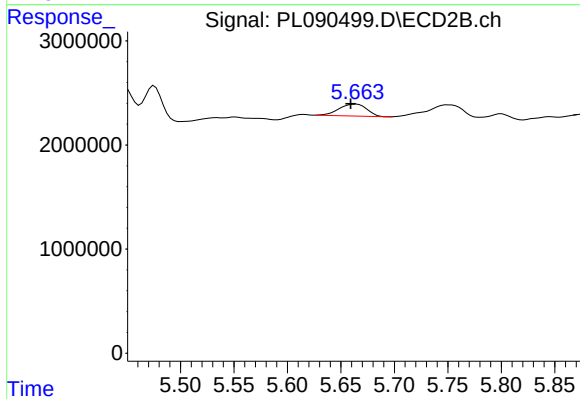
#13 Dieldrin

R.T.: 5.386 min  
Delta R.T.: 0.002 min  
Response: -8998287  
Conc: N.D.



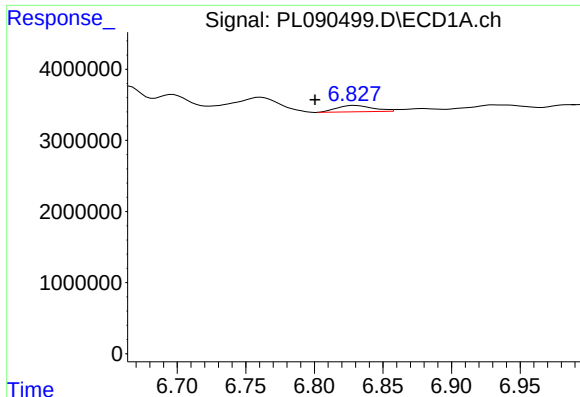
#14 Endrin

R.T.: 6.589 min  
Delta R.T.: 0.007 min  
Response: 1048519  
Conc: 0.49 ng/ml



#14 Endrin

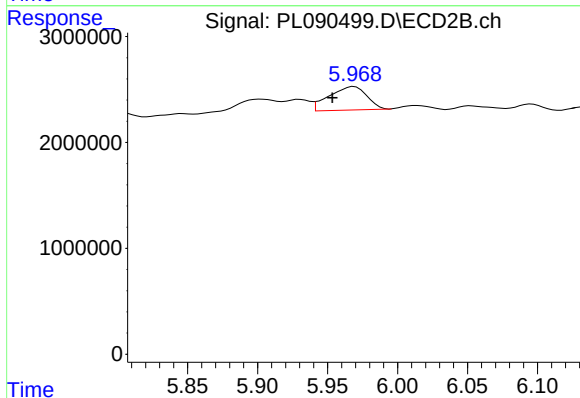
R.T.: 5.664 min  
Delta R.T.: 0.005 min  
Response: 2077862  
Conc: 1.26 ng/ml



#15 Endosulfan II

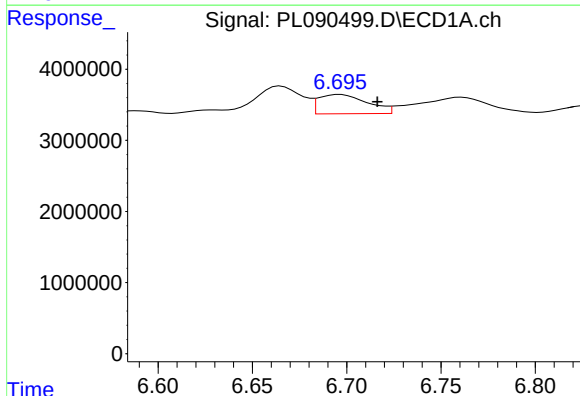
R.T.: 6.829 min  
Delta R.T.: 0.029 min  
Response: 1645127  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



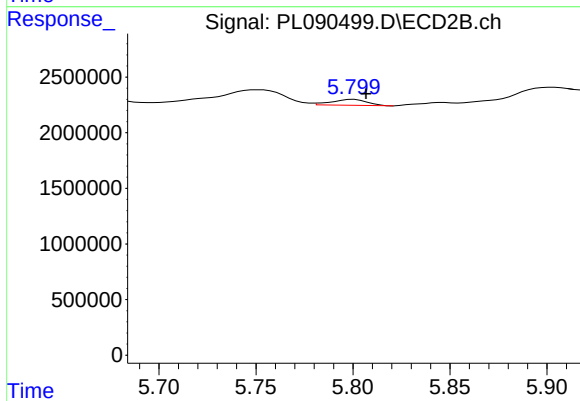
#15 Endosulfan II

R.T.: 5.969 min  
Delta R.T.: 0.016 min  
Response: 4162565  
Conc: 2.54 ng/ml



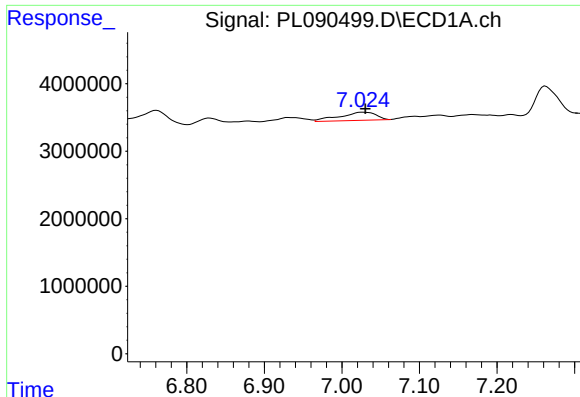
#16 4,4'-DDD

R.T.: 6.696 min  
Delta R.T.: -0.020 min  
Response: 4892508  
Conc: 2.67 ng/ml



#16 4,4'-DDD

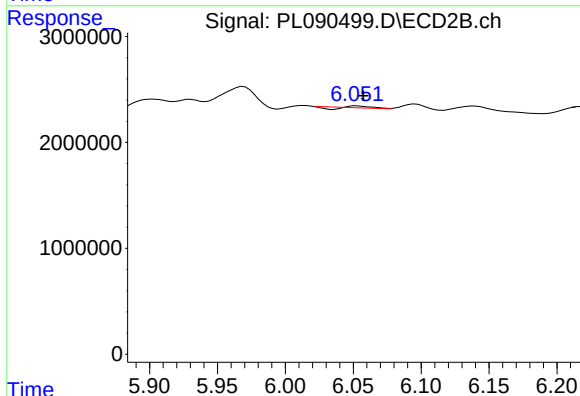
R.T.: 5.800 min  
Delta R.T.: -0.007 min  
Response: 674777  
Conc: 0.49 ng/ml



#17 4,4'-DDT

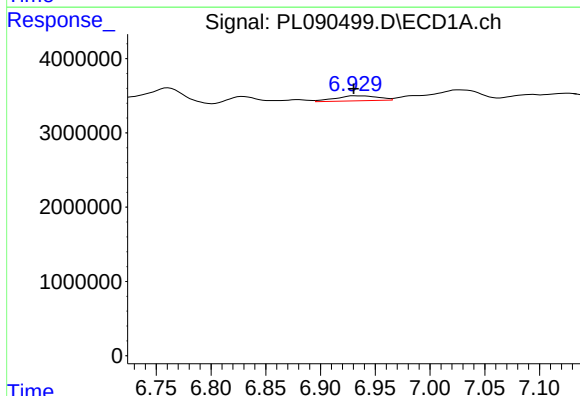
R.T.: 7.027 min  
Delta R.T.: -0.004 min  
Response: 3928806  
Conc: 2.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



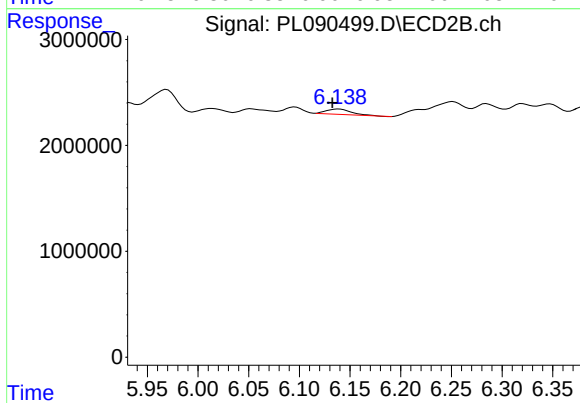
#17 4,4'-DDT

R.T.: 6.052 min  
Delta R.T.: -0.005 min  
Response: 36172  
Conc: 0.02 ng/ml



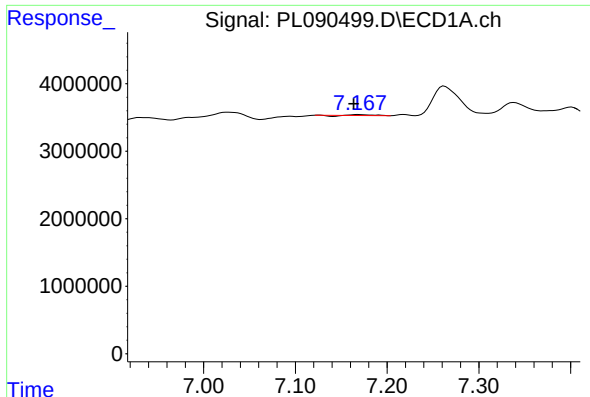
#18 Endrin aldehyde

R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 1843832  
Conc: 1.09 ng/ml



#18 Endrin aldehyde

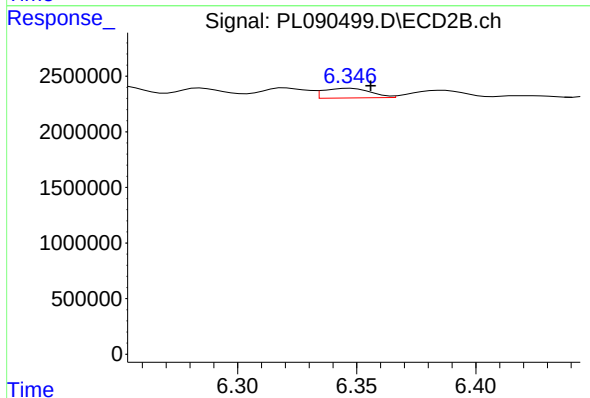
R.T.: 6.139 min  
Delta R.T.: 0.006 min  
Response: 825044  
Conc: 0.65 ng/ml



#19 Endosulfan Sulfate

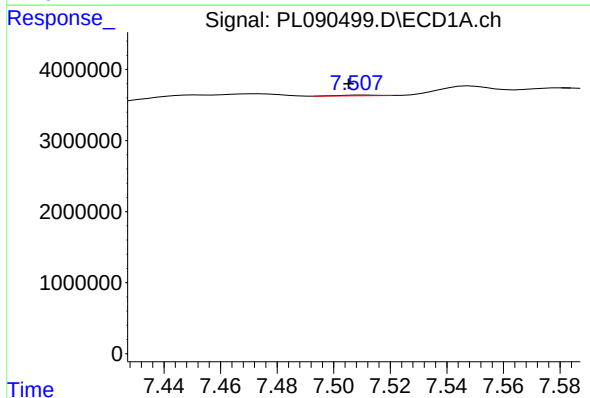
R.T.: 7.169 min  
Delta R.T.: 0.005 min  
Response: 103220  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



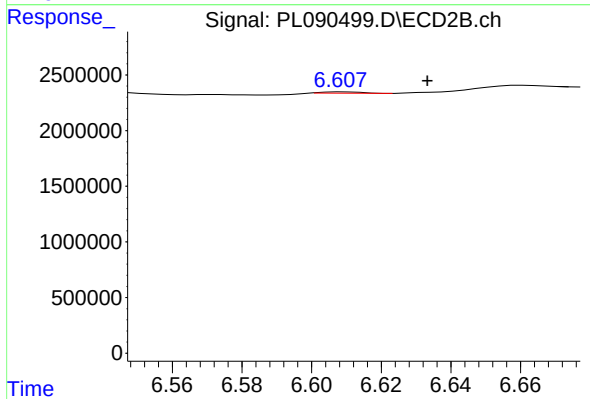
#19 Endosulfan Sulfate

R.T.: 6.347 min  
Delta R.T.: -0.009 min  
Response: 1201731  
Conc: 0.77 ng/ml



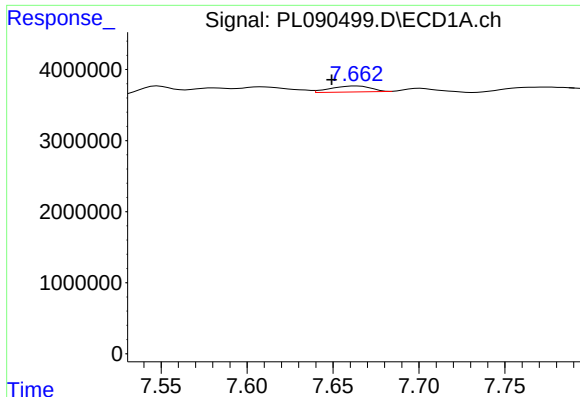
#20 Methoxychlor

R.T.: 7.511 min  
Delta R.T.: 0.005 min  
Response: 71378  
Conc: 0.07 ng/ml



#20 Methoxychlor

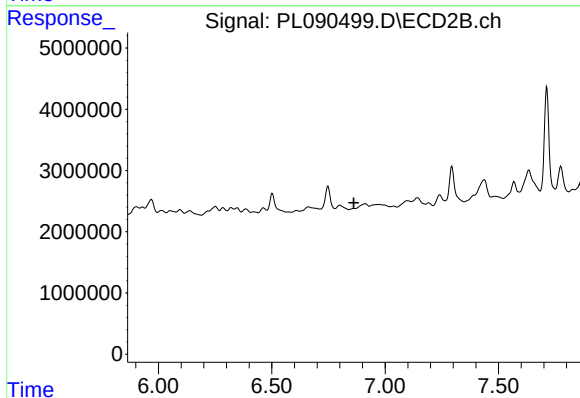
R.T.: 6.609 min  
Delta R.T.: -0.024 min  
Response: 93491  
Conc: 0.11 ng/ml



#21 Endrin ketone

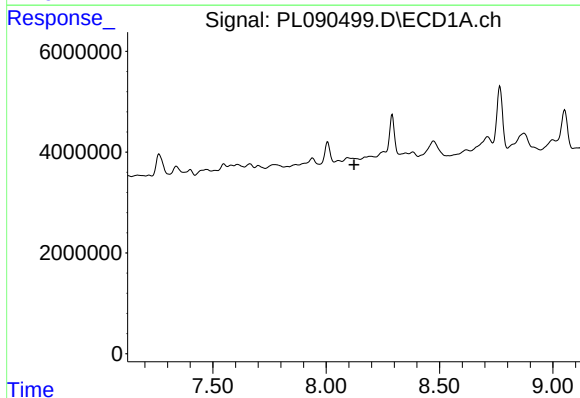
R.T.: 7.664 min  
Delta R.T.: 0.014 min  
Response: 1368786  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



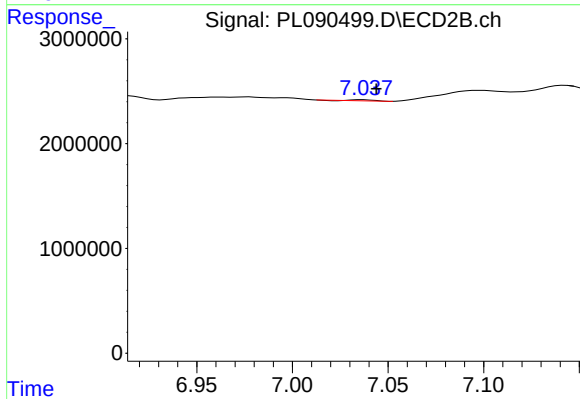
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.861 min  
Response: 0  
Conc: N.D.



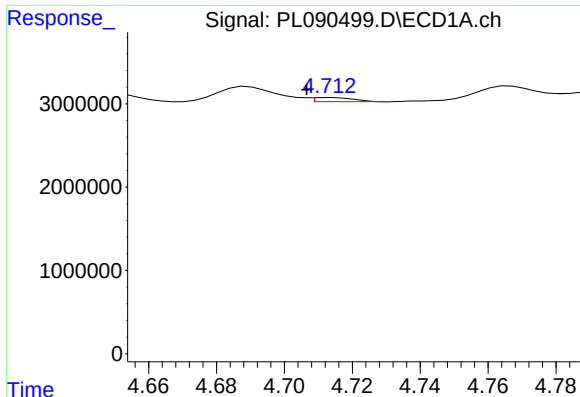
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.123 min  
Response: 0  
Conc: N.D.



#22 Mirex

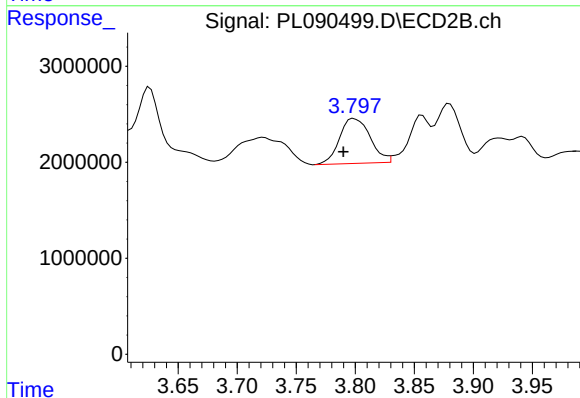
R.T.: 7.037 min  
Delta R.T.: -0.007 min  
Response: 60341  
Conc: 0.04 ng/ml



#23 Chlordane-1

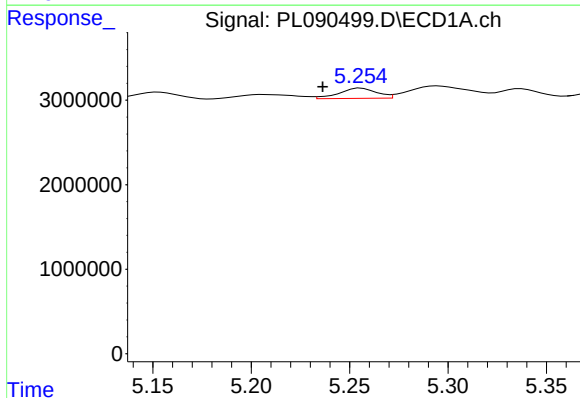
R.T.: 4.713 min  
Delta R.T.: 0.007 min  
Response: 407318  
Conc: 4.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



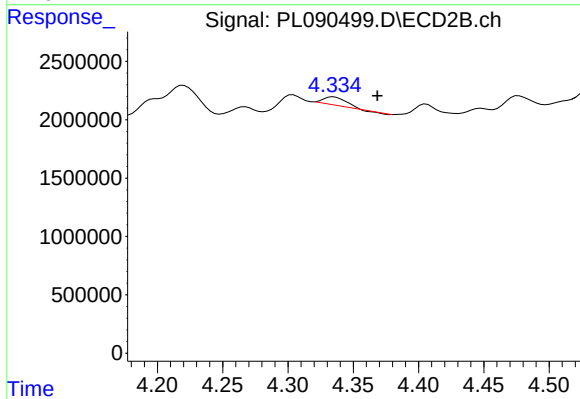
#23 Chlordane-1

R.T.: 3.799 min  
Delta R.T.: 0.009 min  
Response: 8463485  
Conc: 139.01 ng/ml



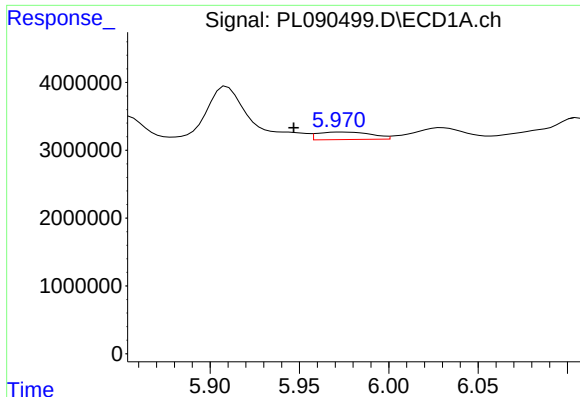
#24 Chlordane-2

R.T.: 5.256 min  
Delta R.T.: 0.020 min  
Response: 1608416  
Conc: 13.56 ng/ml



#24 Chlordane-2

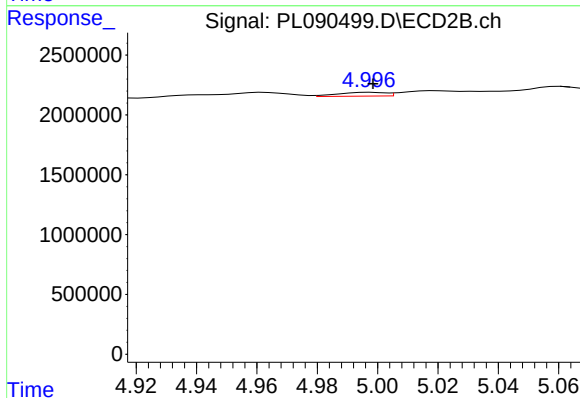
R.T.: 4.335 min  
Delta R.T.: -0.033 min  
Response: 824480  
Conc: 11.67 ng/ml



#25 Chlordane-3

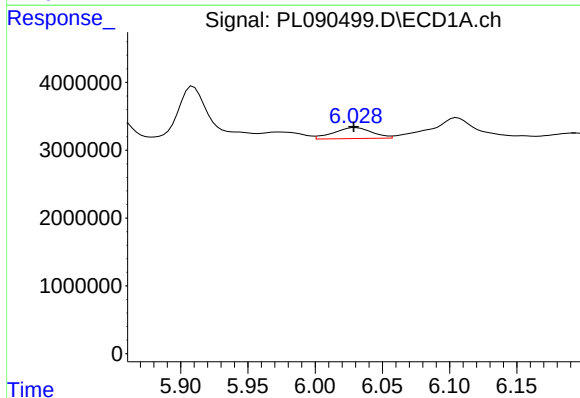
R.T.: 5.973 min  
Delta R.T.: 0.026 min  
Response: 2320372  
Conc: 6.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



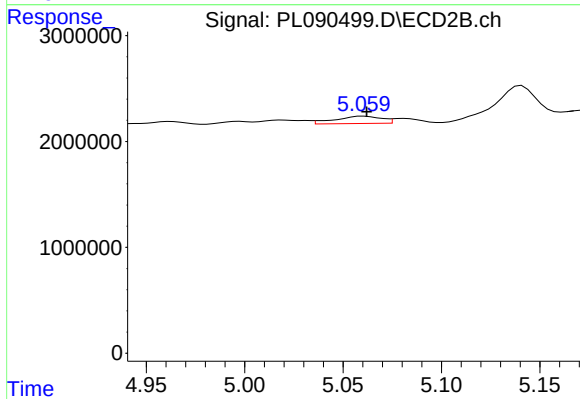
#25 Chlordane-3

R.T.: 4.997 min  
Delta R.T.: -0.001 min  
Response: 356587  
Conc: 1.77 ng/ml



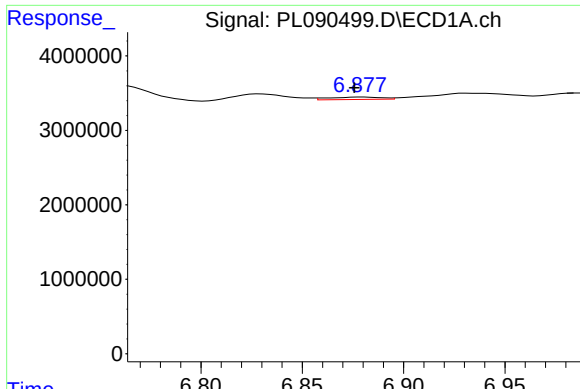
#26 Chlordane-4

R.T.: 6.030 min  
Delta R.T.: 0.001 min  
Response: 3239715  
Conc: 7.26 ng/ml



#26 Chlordane-4

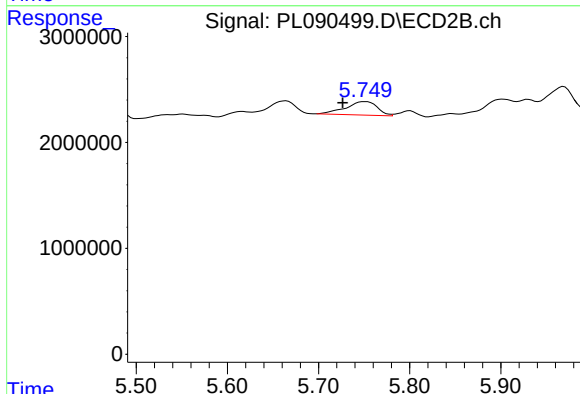
R.T.: 5.061 min  
Delta R.T.: -0.001 min  
Response: 1127261  
Conc: 5.90 ng/ml



#27 Chlordane-5

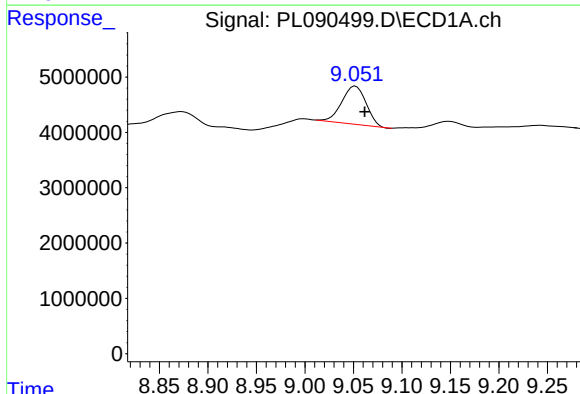
R.T.: 6.880 min  
Delta R.T.: 0.004 min  
Response: 573113  
Conc: 6.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-26899



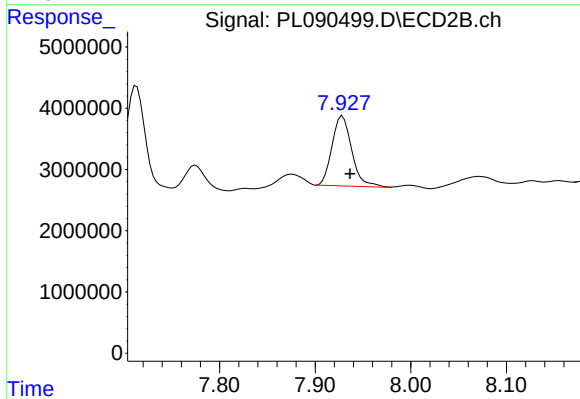
#27 Chlordane-5

R.T.: 5.750 min  
Delta R.T.: 0.024 min  
Response: 3092792  
Conc: 51.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.009 min  
Response: 12062080  
Conc: 7.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: -0.008 min  
Response: 16435434  
Conc: 11.02 ng/ml