

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031920\  
 Data File : PL057486.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Mar 2020 16:47  
 Operator : AJ\MA  
 Sample : L1964-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 20 01:23:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 2020  
 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... | 3.457  | 3.956  | 123.5E6  | 28469123 | 13.323 | 13.122   |
| 28)                         | SA Decachlor... | 8.203  | 8.975  | 140.3E6  | 29350956 | 13.255 | 13.237   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.906  | 4.368f | 2123905  | 4017299  | 0.133  | 1.251 #  |
| 3)                          | MA gamma-BHC... | 4.158f | 0.000  | 2178894  | 0        | 0.152  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.486  | 5.149f | 19666258 | 4144401  | 1.324  | 1.317    |
| 5)                          | MB Aldrin       | 4.729  | 5.455f | 7597453  | 1215473  | 0.551  | 0.398 #  |
| 6)                          | B beta-BHC      | 4.426  | 4.824f | 3870901  | 3623431  | 0.658  | 2.512 #  |
| 7)                          | B delta-BHC     | 4.645  | 5.038f | 6175828  | 4744699  | 0.440  | 5.803 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.806  | 0        | 10455161 | N.D.   | 3.832 #  |
| 9)                          | A Endosulfan I  | 5.525f | 0.000  | 1471969  | 0        | 0.124  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.396  | 6.047  | 316739   | 8230479  | 0.024  | 2.670 #  |
| 11)                         | B alpha-Chl...  | 5.453  | 6.120  | 27967879 | 19165288 | 2.164  | 6.157 #  |
| 12)                         | B 4,4'-DDE      | 5.617  | 6.276  | 197.5E6  | 47968287 | 15.855 | 16.876   |
| 13)                         | MA Dieldrin     | 5.743  | 6.416  | 28203450 | 7256080  | 2.236  | 2.453    |
| 14)                         | MA Endrin       | 6.009  | 6.634  | 21590927 | 3950483  | 1.889  | 1.637    |
| 15)                         | B Endosulfa...  | 6.267  | 6.835f | 15529444 | 2258907  | 1.430  | 0.860 #  |
| 16)                         | A 4,4'-DDD      | 6.131  | 6.770  | 10625875 | 25761794 | 1.084  | 11.281 # |
| 17)                         | MA 4,4'-DDT     | 6.369  | 7.061  | 113.6E6  | 6322587  | 11.390 | 2.776 #  |
| 18)                         | B Endrin al...  | 6.462  | 6.987  | 25689942 | 1966403  | 2.782  | 0.885 #  |
| 19)                         | B Endosulfa...  | 6.656  | 0.000  | 38642152 | 0        | 3.848  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.902f | 0.000  | 112.2E6  | 0        | 20.910 | N.D. #   |
| 21)                         | B Endrin ke...  | 7.177f | 7.692f | 14849623 | 3193011  | 1.314  | 1.233    |
| 23)                         | Chlordane-1     | 4.326  | 4.939  | 15095594 | 8219534  | 46.510 | 98.913 # |
| 24)                         | Chlordane-2     | 4.827  | 5.404  | 14844225 | 3831300  | 40.852 | 40.654   |
| 25)                         | Chlordane-3     | 5.396  | 6.047  | 316739   | 8230479  | 0.281  | 21.705 # |
| 26)                         | Chlordane-4     | 5.453  | 6.120  | 27967879 | 19165288 | 29.174 | 41.873 # |
| 27)                         | Chlordane-5     | 6.267f | 0.000  | 15529444 | 0        | 42.680 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

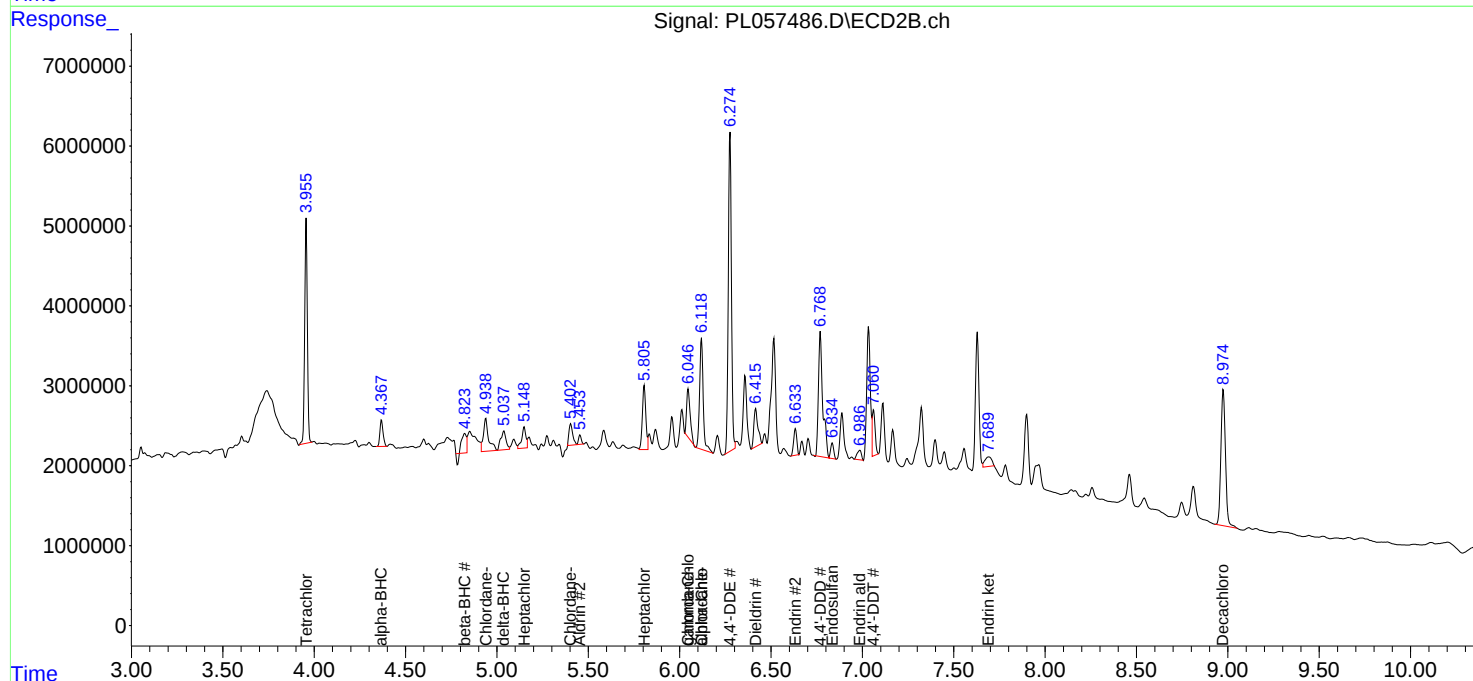
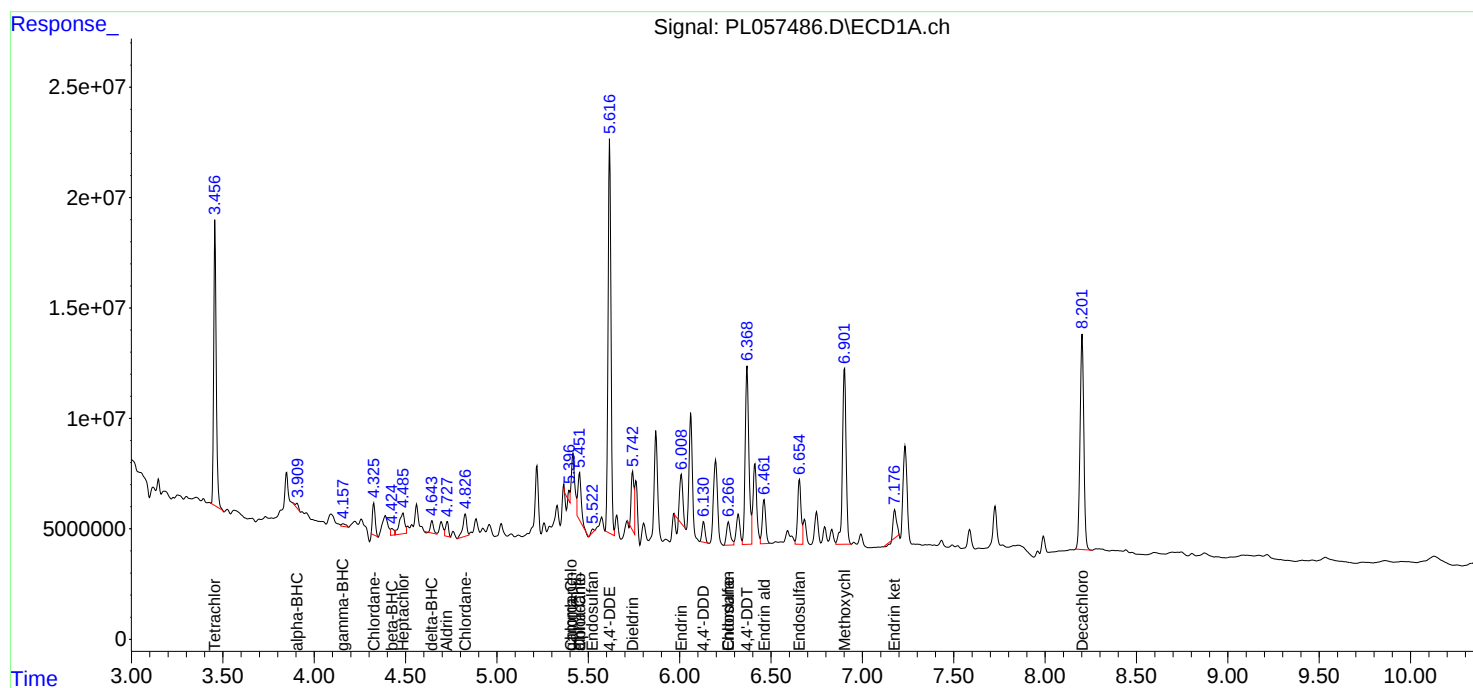
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

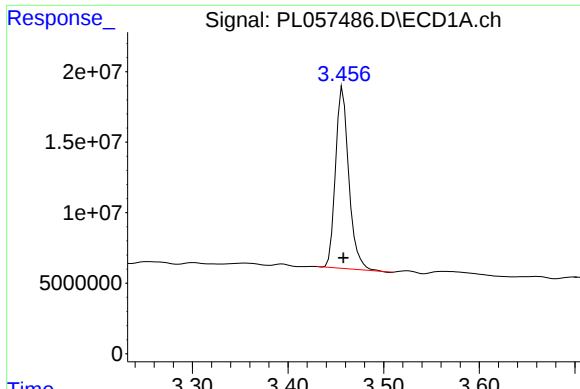
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031920\  
Data File : PL057486.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Mar 2020 16:47  
Operator : AJ\MA  
Sample : L1964-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 20 01:23:22 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 2020  
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

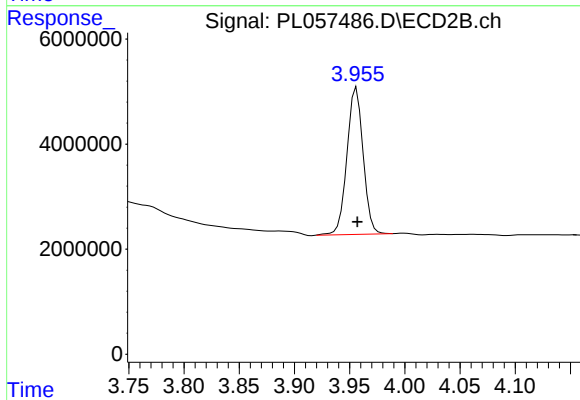




#1 Tetrachloro-m-xylene

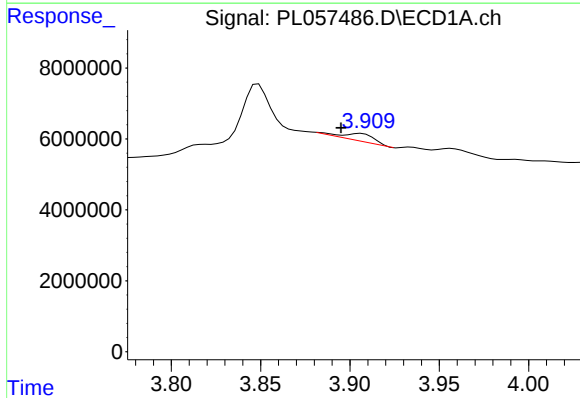
R.T.: 3.457 min  
Delta R.T.: 0.000 min  
Response: 123493266  
Conc: 13.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



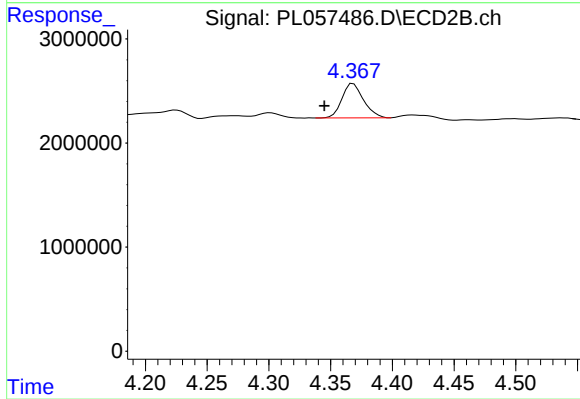
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: 0.000 min  
Response: 28469123  
Conc: 13.12 ng/ml



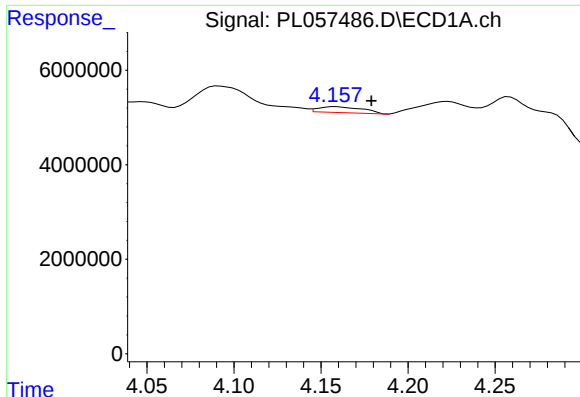
#2 alpha-BHC

R.T.: 3.906 min  
Delta R.T.: 0.011 min  
Response: 2123905  
Conc: 0.13 ng/ml



#2 alpha-BHC

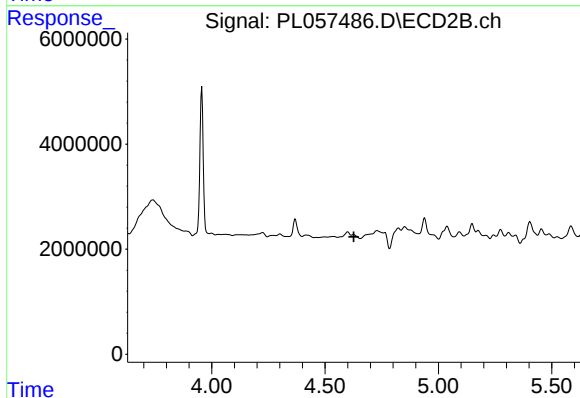
R.T.: 4.368 min  
Delta R.T.: 0.023 min  
Response: 4017299  
Conc: 1.25 ng/ml



#3 gamma-BHC (Lindane)

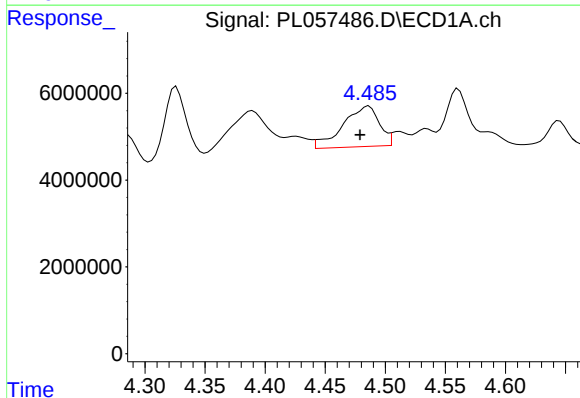
R.T.: 4.158 min  
Delta R.T.: -0.021 min  
Response: 2178894  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



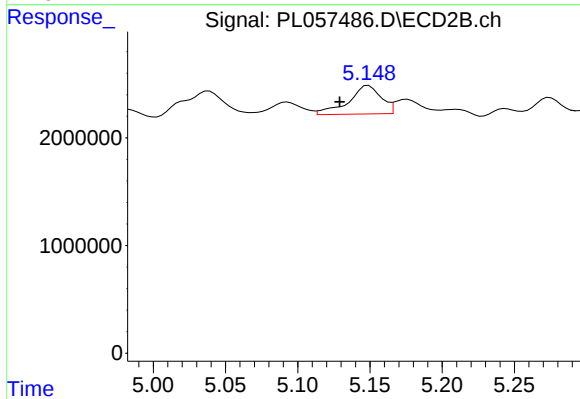
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.627 min  
Response: 0  
Conc: N.D.



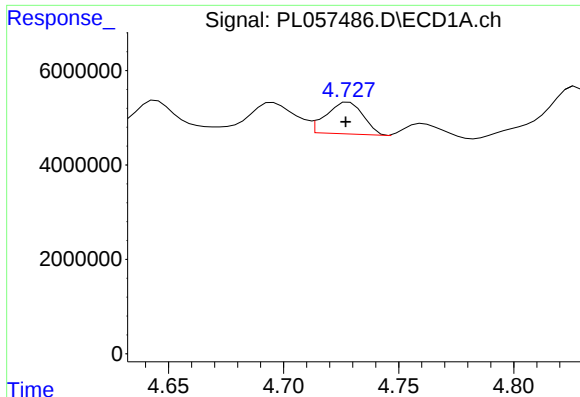
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: 0.007 min  
Response: 19666258  
Conc: 1.32 ng/ml



#4 Heptachlor

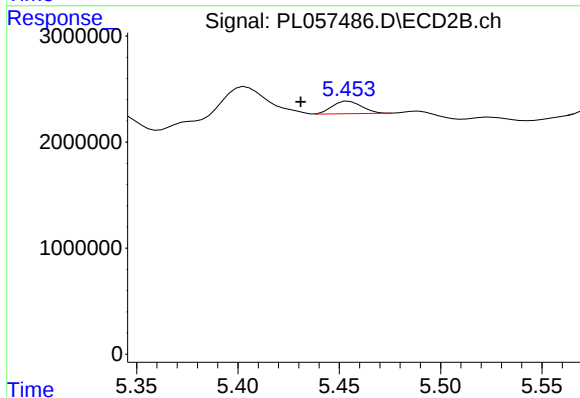
R.T.: 5.149 min  
Delta R.T.: 0.020 min  
Response: 4144401  
Conc: 1.32 ng/ml



#5 Aldrin

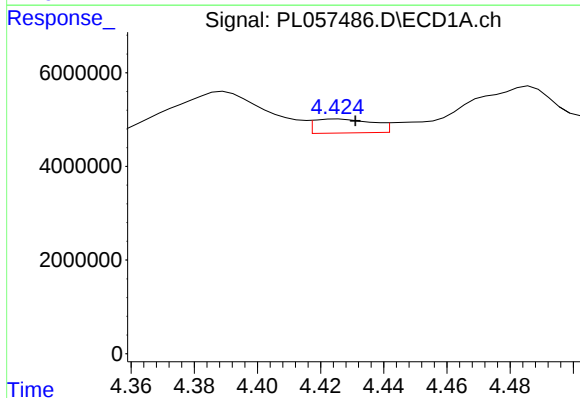
R.T.: 4.729 min  
Delta R.T.: 0.002 min  
Response: 7597453  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



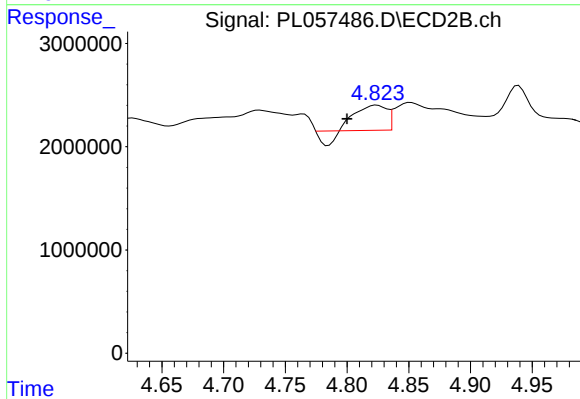
#5 Aldrin

R.T.: 5.455 min  
Delta R.T.: 0.024 min  
Response: 1215473  
Conc: 0.40 ng/ml



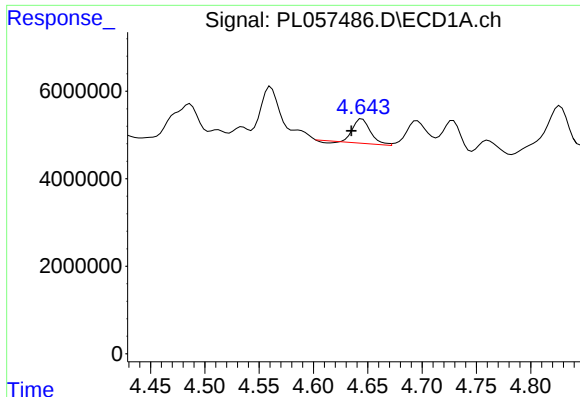
#6 beta-BHC

R.T.: 4.426 min  
Delta R.T.: -0.005 min  
Response: 3870901  
Conc: 0.66 ng/ml



#6 beta-BHC

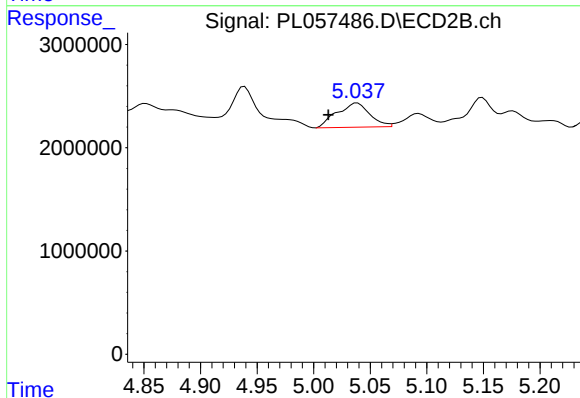
R.T.: 4.824 min  
Delta R.T.: 0.024 min  
Response: 3623431  
Conc: 2.51 ng/ml



#7 delta-BHC

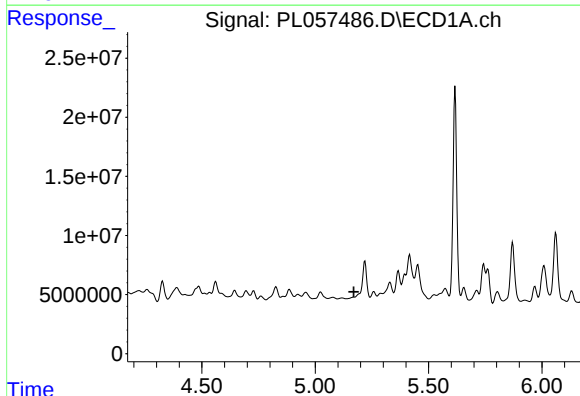
R.T.: 4.645 min  
Delta R.T.: 0.010 min  
Response: 6175828  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



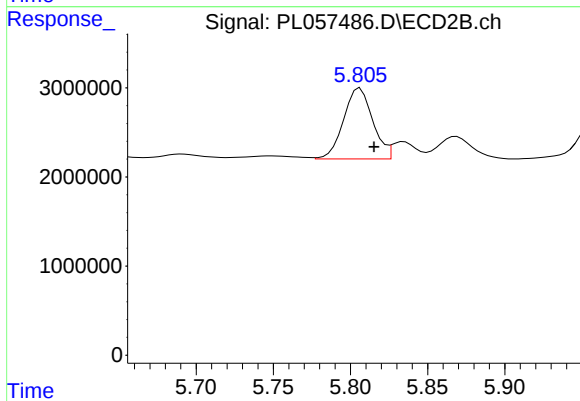
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: 0.025 min  
Response: 4744699  
Conc: 5.80 ng/ml



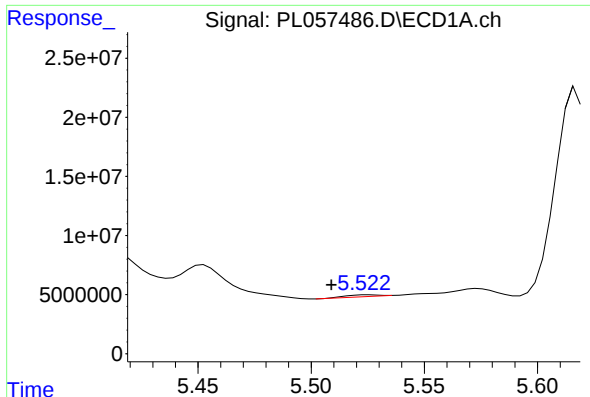
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.170 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

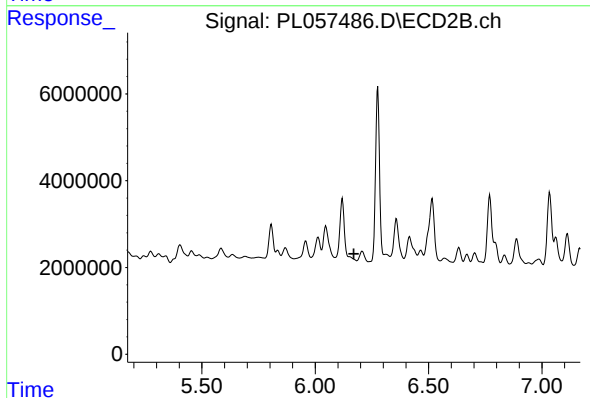
R.T.: 5.806 min  
Delta R.T.: -0.009 min  
Response: 10455161  
Conc: 3.83 ng/ml



#9 Endosulfan I

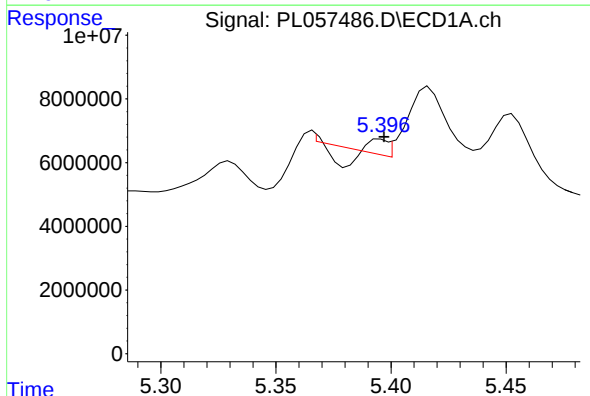
R.T.: 5.525 min  
Delta R.T.: 0.016 min  
Response: 1471969  
Conc: 0.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



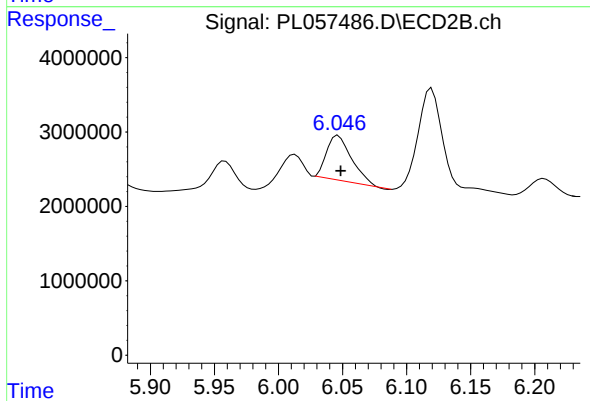
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.170 min  
Response: 0  
Conc: N.D.



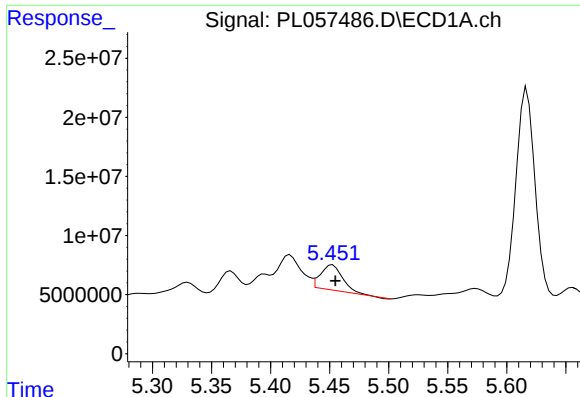
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 316739  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

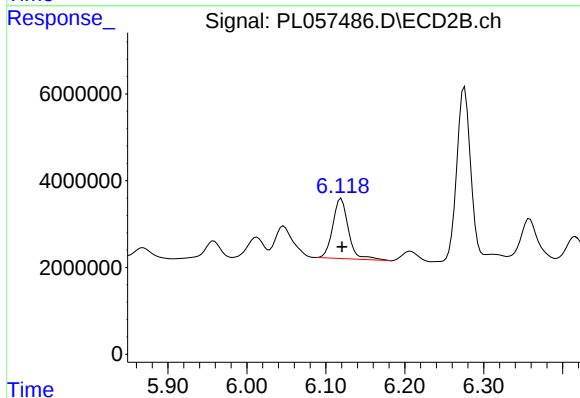
R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 8230479  
Conc: 2.67 ng/ml



#11 alpha-Chlordane

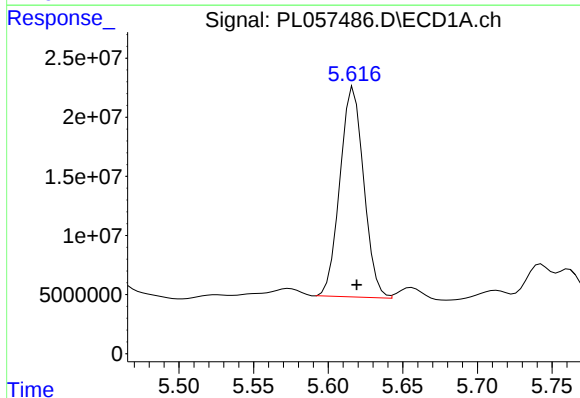
R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 27967879  
Conc: 2.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



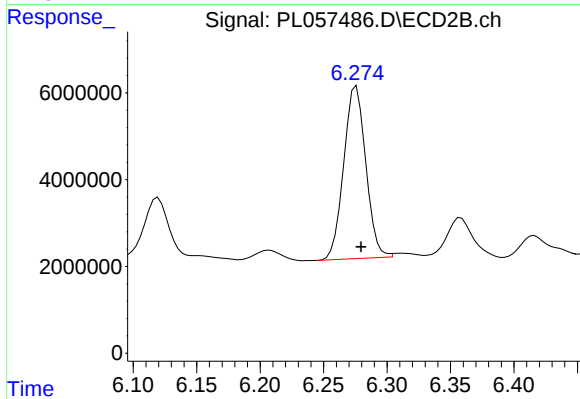
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 19165288  
Conc: 6.16 ng/ml



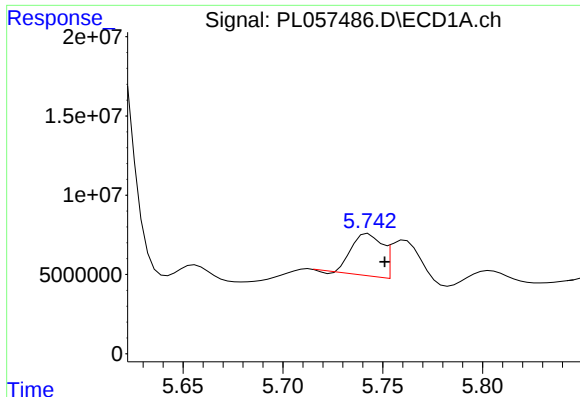
#12 4,4'-DDE

R.T.: 5.617 min  
Delta R.T.: -0.002 min  
Response: 197487620  
Conc: 15.86 ng/ml



#12 4,4'-DDE

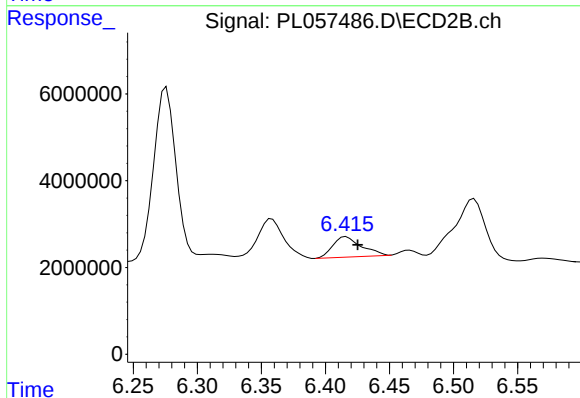
R.T.: 6.276 min  
Delta R.T.: -0.004 min  
Response: 47968287  
Conc: 16.88 ng/ml



#13 Dieldrin

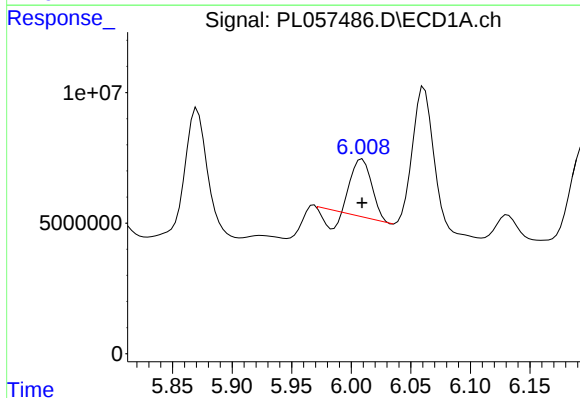
R.T.: 5.743 min  
Delta R.T.: -0.008 min  
Response: 28203450  
Conc: 2.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



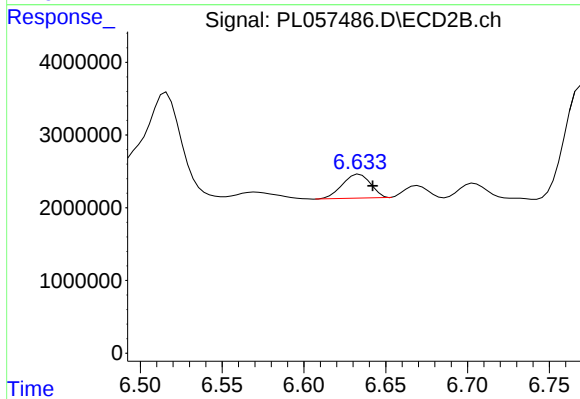
#13 Dieldrin

R.T.: 6.416 min  
Delta R.T.: -0.009 min  
Response: 7256080  
Conc: 2.45 ng/ml



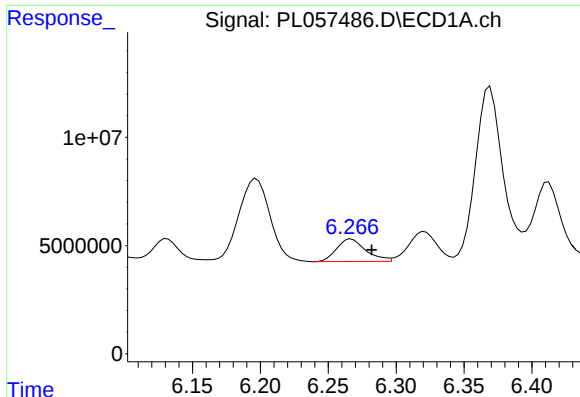
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.000 min  
Response: 21590927  
Conc: 1.89 ng/ml



#14 Endrin

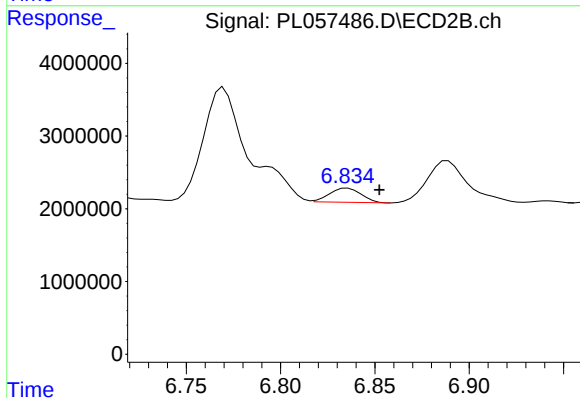
R.T.: 6.634 min  
Delta R.T.: -0.008 min  
Response: 3950483  
Conc: 1.64 ng/ml



#15 Endosulfan II

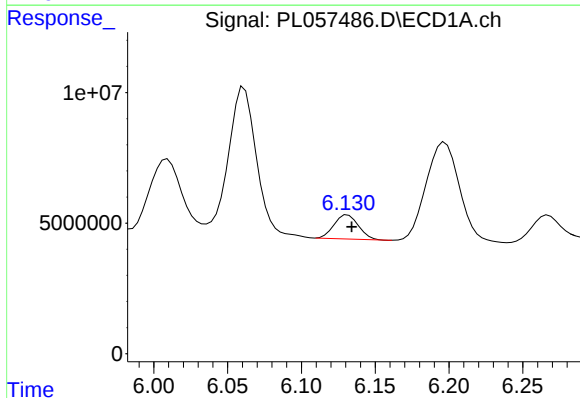
R.T.: 6.267 min  
Delta R.T.: -0.015 min  
Response: 15529444  
Conc: 1.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



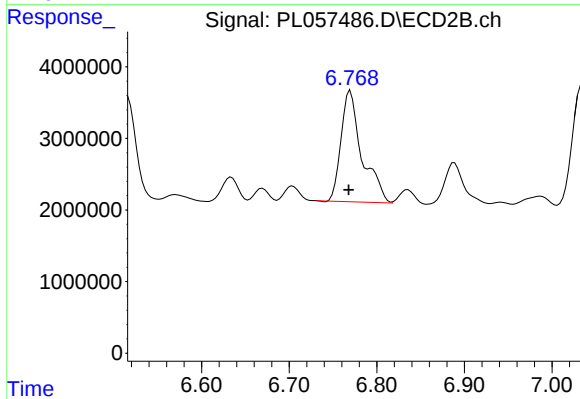
#15 Endosulfan II

R.T.: 6.835 min  
Delta R.T.: -0.017 min  
Response: 2258907  
Conc: 0.86 ng/ml



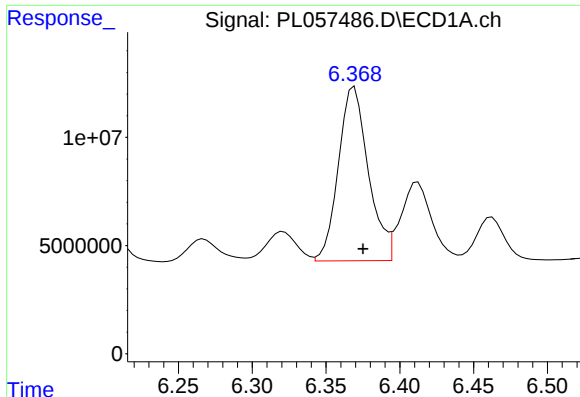
#16 4,4'-DDD

R.T.: 6.131 min  
Delta R.T.: -0.003 min  
Response: 10625875  
Conc: 1.08 ng/ml



#16 4,4'-DDD

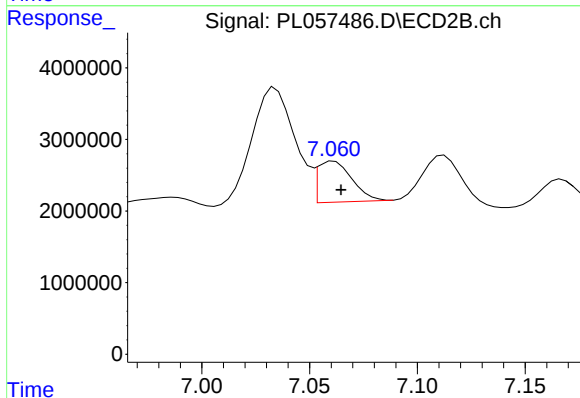
R.T.: 6.770 min  
Delta R.T.: 0.002 min  
Response: 25761794  
Conc: 11.28 ng/ml



#17 4,4'-DDT

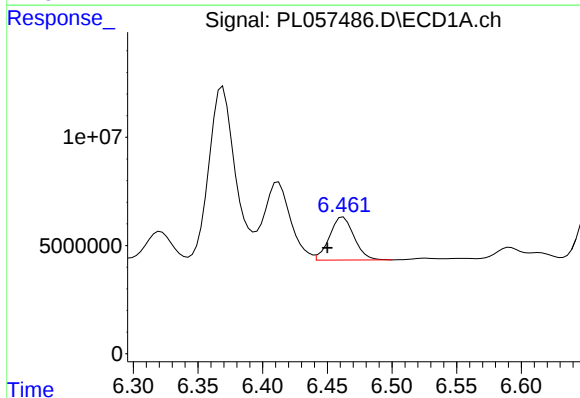
R.T.: 6.369 min  
Delta R.T.: -0.006 min  
Response: 113590179  
Conc: 11.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



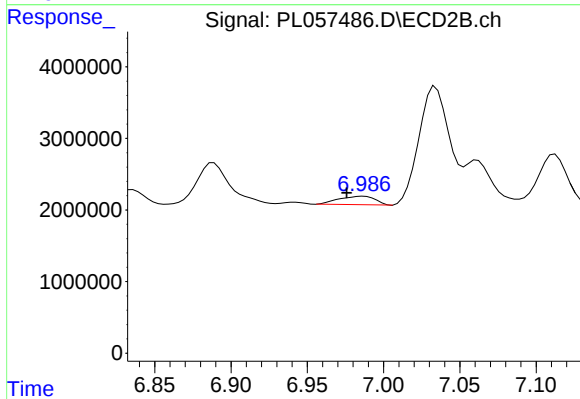
#17 4,4'-DDT

R.T.: 7.061 min  
Delta R.T.: -0.003 min  
Response: 6322587  
Conc: 2.78 ng/ml



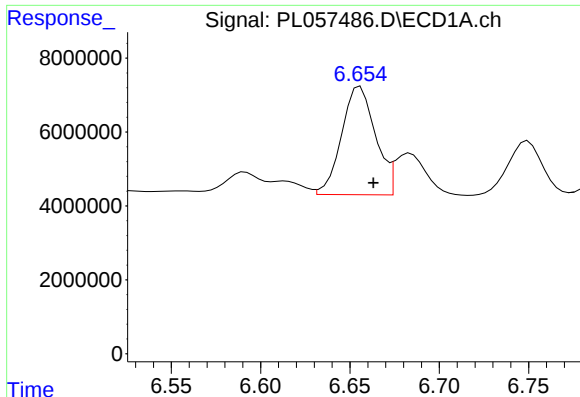
#18 Endrin aldehyde

R.T.: 6.462 min  
Delta R.T.: 0.012 min  
Response: 25689942  
Conc: 2.78 ng/ml



#18 Endrin aldehyde

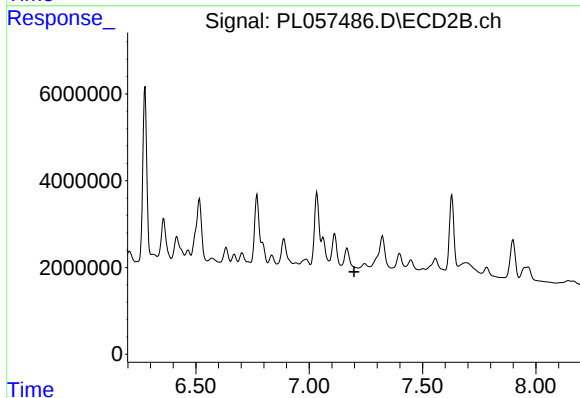
R.T.: 6.987 min  
Delta R.T.: 0.011 min  
Response: 1966403  
Conc: 0.88 ng/ml



#19 Endosulfan Sulfate

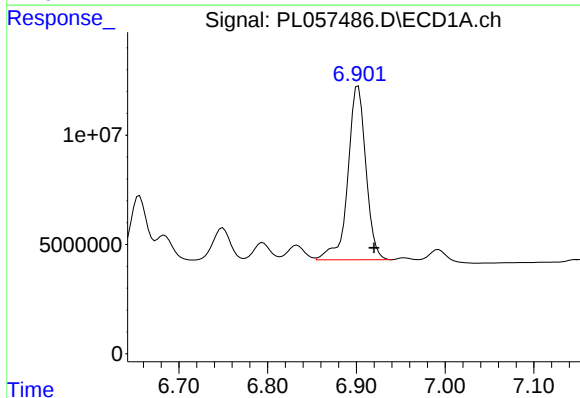
R.T.: 6.656 min  
Delta R.T.: -0.007 min  
Response: 38642152  
Conc: 3.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



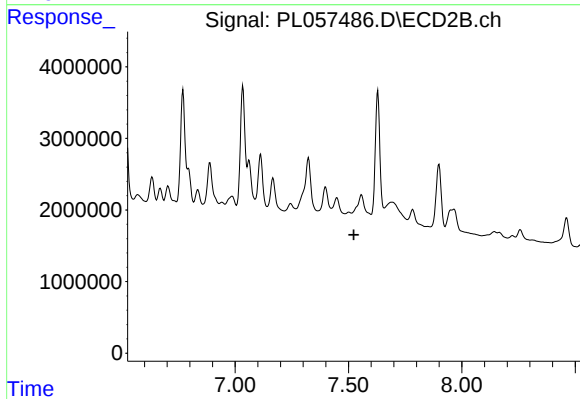
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.199 min  
Response: 0  
Conc: N.D.



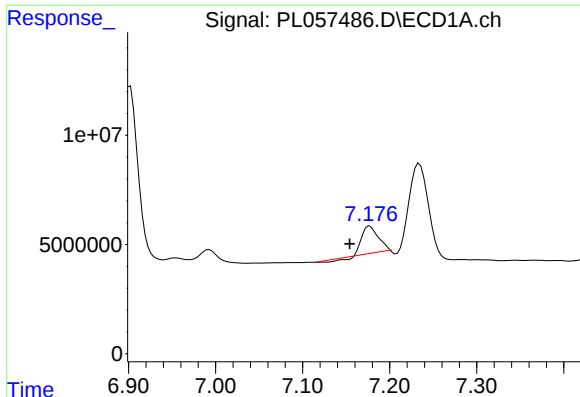
#20 Methoxychlor

R.T.: 6.902 min  
Delta R.T.: -0.018 min  
Response: 112201719  
Conc: 20.91 ng/ml



#20 Methoxychlor

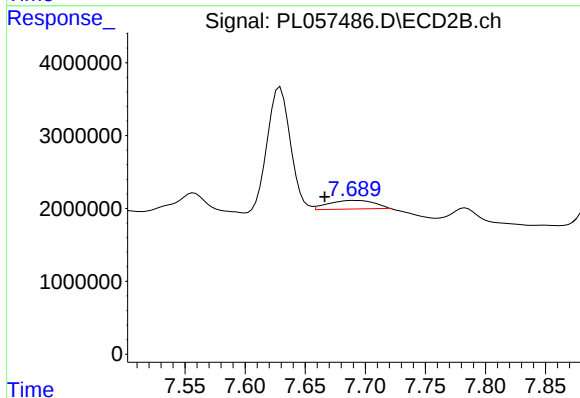
R.T.: 0.000 min  
Exp R.T. : 7.524 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

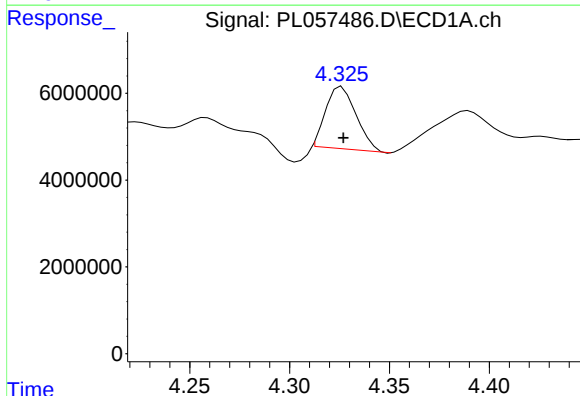
R.T.: 7.177 min  
Delta R.T.: 0.023 min  
Response: 14849623  
Conc: 1.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



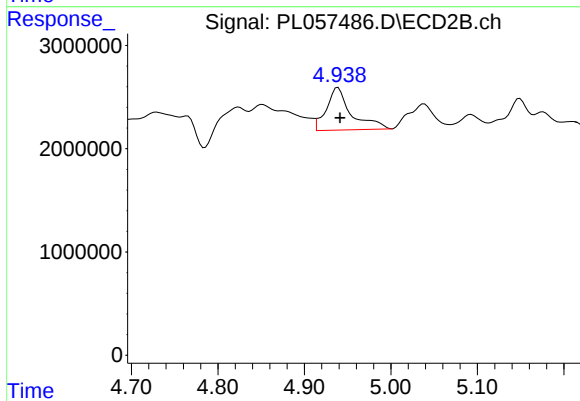
#21 Endrin ketone

R.T.: 7.692 min  
Delta R.T.: 0.025 min  
Response: 3193011  
Conc: 1.23 ng/ml



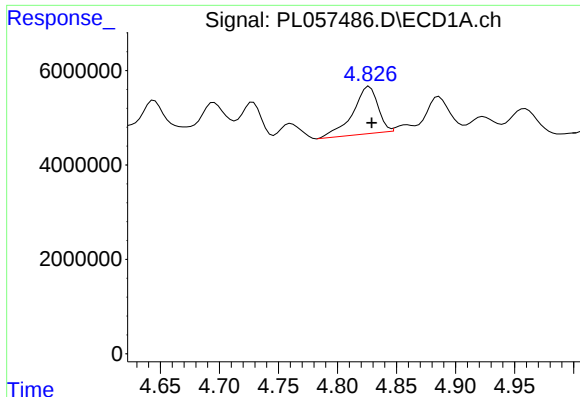
#23 Chlordane-1

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 15095594  
Conc: 46.51 ng/ml



#23 Chlordane-1

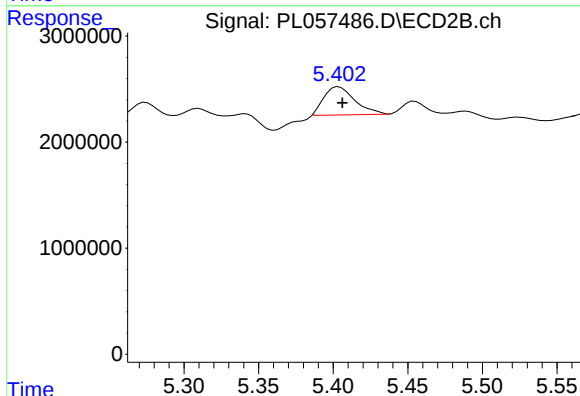
R.T.: 4.939 min  
Delta R.T.: -0.002 min  
Response: 8219534  
Conc: 98.91 ng/ml



#24 Chlordane-2

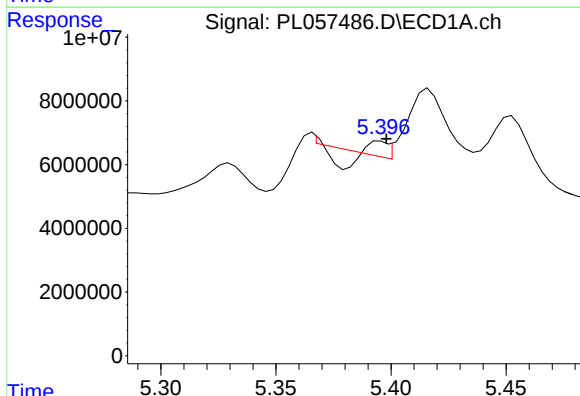
R.T.: 4.827 min  
Delta R.T.: -0.002 min  
Response: 14844225  
Conc: 40.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



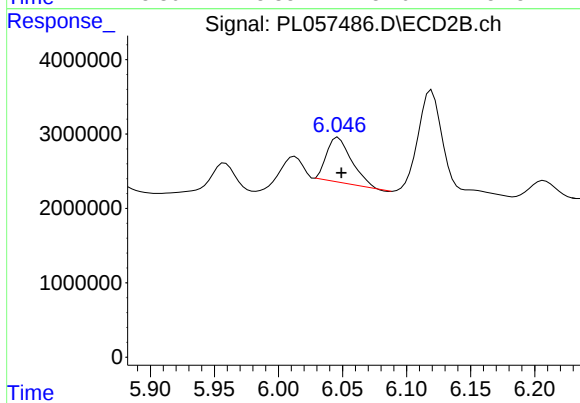
#24 Chlordane-2

R.T.: 5.404 min  
Delta R.T.: -0.002 min  
Response: 3831300  
Conc: 40.65 ng/ml



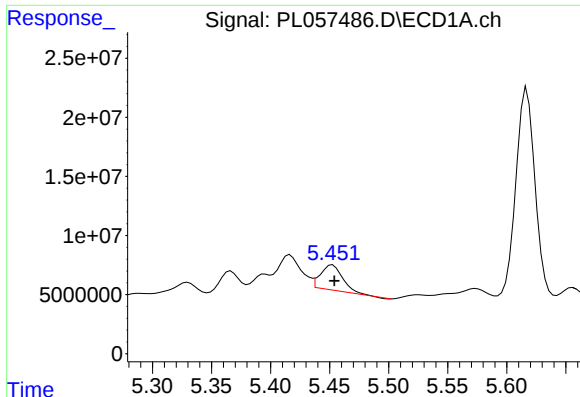
#25 Chlordane-3

R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 316739  
Conc: 0.28 ng/ml



#25 Chlordane-3

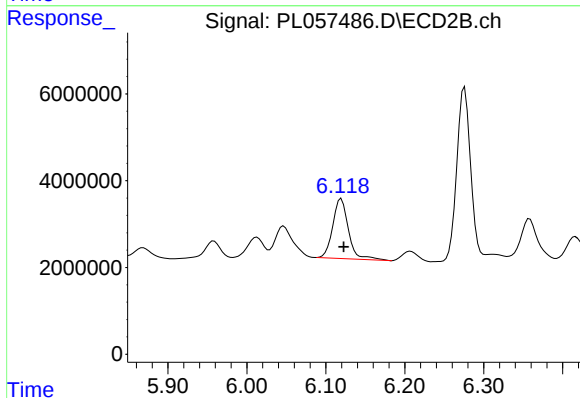
R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 8230479  
Conc: 21.70 ng/ml



#26 Chlordane-4

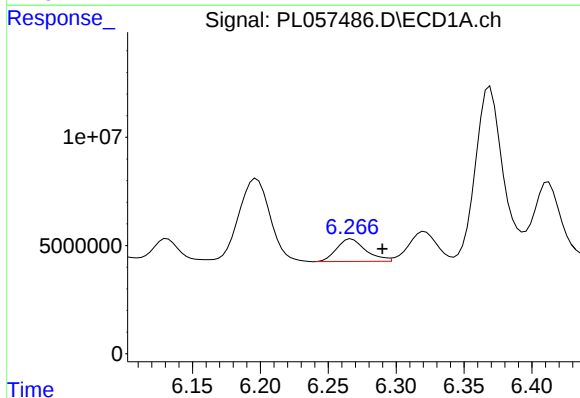
R.T.: 5.453 min  
Delta R.T.: -0.001 min  
Response: 27967879  
Conc: 29.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



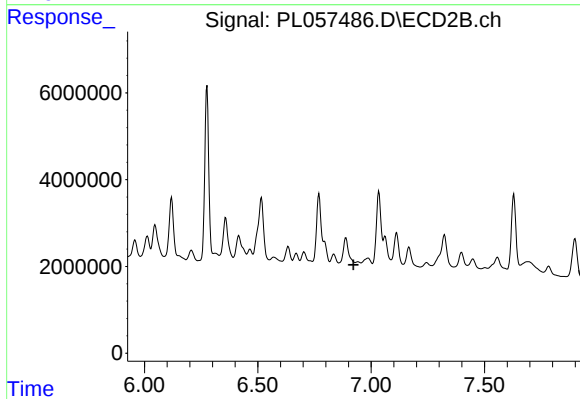
#26 Chlordane-4

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 19165288  
Conc: 41.87 ng/ml



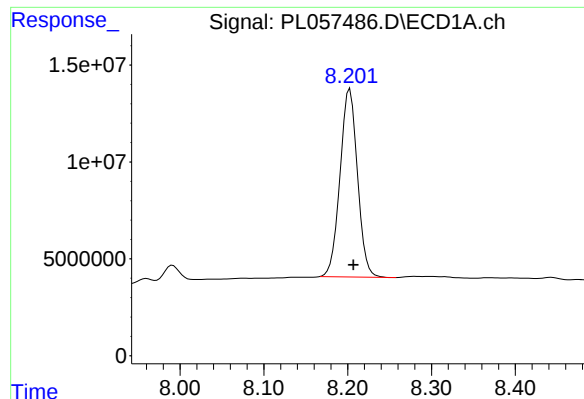
#27 Chlordane-5

R.T.: 6.267 min  
Delta R.T.: -0.023 min  
Response: 15529444  
Conc: 42.68 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

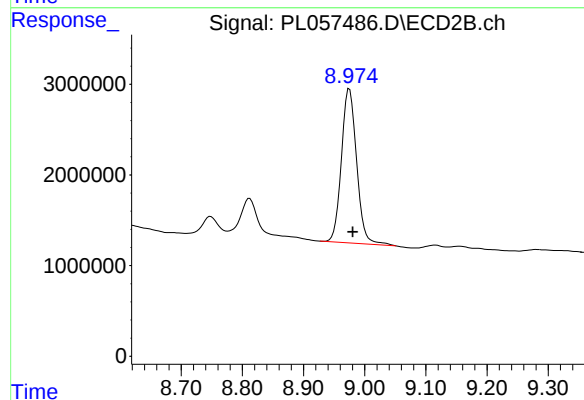
R.T.: 8.203 min

Delta R.T.: -0.004 min

Response: 140256997

Conc: 13.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.975 min

Delta R.T.: -0.005 min

Response: 29350956

Conc: 13.24 ng/ml