

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100119\  
 Data File : PL052976.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2019 21:54  
 Operator : SG\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: Oct 02 03:51:10 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 2019  
 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... | 3.549 | 4.048  | 518.4E6 | 136.5E6  | 52.118   | 50.837     |
| 28)                         | SA Decachlor... | 8.344 | 9.126  | 417.8E6 | 138.1E6  | 41.710   | 47.066     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.993 | 4.438  | 831.9E6 | 200.0E6  | 52.158   | 52.092     |
| 3)                          | MA gamma-BHC... | 4.280 | 4.724  | 757.2E6 | 184.9E6  | 51.989   | 51.064     |
| 4)                          | MA Heptachlor   | 4.589 | 5.234  | 749.9E6 | 189.5E6  | 50.190   | 49.737     |
| 5)                          | MB Aldrin       | 4.841 | 5.539  | 704.3E6 | 178.4E6  | 51.203   | 51.482     |
| 6)                          | B beta-BHC      | 4.530 | 4.892  | 310.9E6 | 84635452 | 50.074   | 53.846     |
| 7)                          | B delta-BHC     | 4.739 | 5.110  | 749.6E6 | 186.8E6  | 52.314   | 51.591     |
| 8)                          | B Heptachlo...  | 5.287 | 5.925  | 641.9E6 | 175.2E6  | 49.260   | 52.263     |
| 9)                          | A Endosulfan I  | 5.630 | 6.282  | 587.4E6 | 153.9E6  | 48.401   | 49.229     |
| 10)                         | B gamma-Chl...  | 5.517 | 6.159  | 658.5E6 | 175.8E6  | 48.967   | 51.971     |
| 11)                         | B alpha-Chl...  | 5.576 | 6.232  | 634.5E6 | 165.4E6  | 48.108   | 49.127     |
| 12)                         | B 4,4'-DDE      | 5.739 | 6.388  | 600.1E6 | 161.3E6  | 51.704   | 49.392     |
| 13)                         | MA Dieldrin     | 5.875 | 6.540  | 646.0E6 | 157.6E6  | 50.049   | 48.307     |
| 14)                         | MA Endrin       | 6.134 | 6.757  | 530.8E6 | 123.7E6  | 46.601   | 44.542     |
| 15)                         | B Endosulfa...  | 6.407 | 6.965  | 519.0E6 | 140.1E6  | 45.288   | 47.234     |
| 16)                         | A 4,4'-DDD      | 6.257 | 6.877  | 474.0E6 | 125.3E6  | 52.740   | 51.110     |
| 17)                         | MA 4,4'-DDT     | 6.500 | 7.176  | 439.7E6 | 114.7E6  | 43.055   | 44.081     |
| 18)                         | B Endrin al...  | 6.575 | 7.089  | 409.7E6 | 113.6E6  | 43.632   | 46.328     |
| 19)                         | B Endosulfa...  | 6.789 | 7.312  | 458.8E6 | 124.7E6  | 44.081   | 45.655     |
| 20)                         | A Methoxychlor  | 7.046 | 7.633  | 218.4E6 | 63036531 | 42.343   | 44.773     |
| 21)                         | B Endrin ke...  | 7.283 | 7.784  | 520.0E6 | 143.0E6  | 44.614   | 50.110     |
| 22)                         | Mirex           | 7.479 | 8.239  | 371.6E6 | 110.1E6  | 39.348   | 48.941     |
| 24)                         | Chlordane-2     | 0.000 | 5.539f | 0       | 178.4E6  | N.D.     | 1594.113 # |
| 25)                         | Chlordane-3     | 5.517 | 6.159  | 658.5E6 | 175.8E6  | 568.320  | 403.720 #  |
| 26)                         | Chlordane-4     | 5.576 | 6.232  | 634.5E6 | 165.4E6  | 664.817  | 311.410 #  |
| 27)                         | Chlordane-5     | 6.407 | 0.000  | 519.0E6 | 0        | 1315.762 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

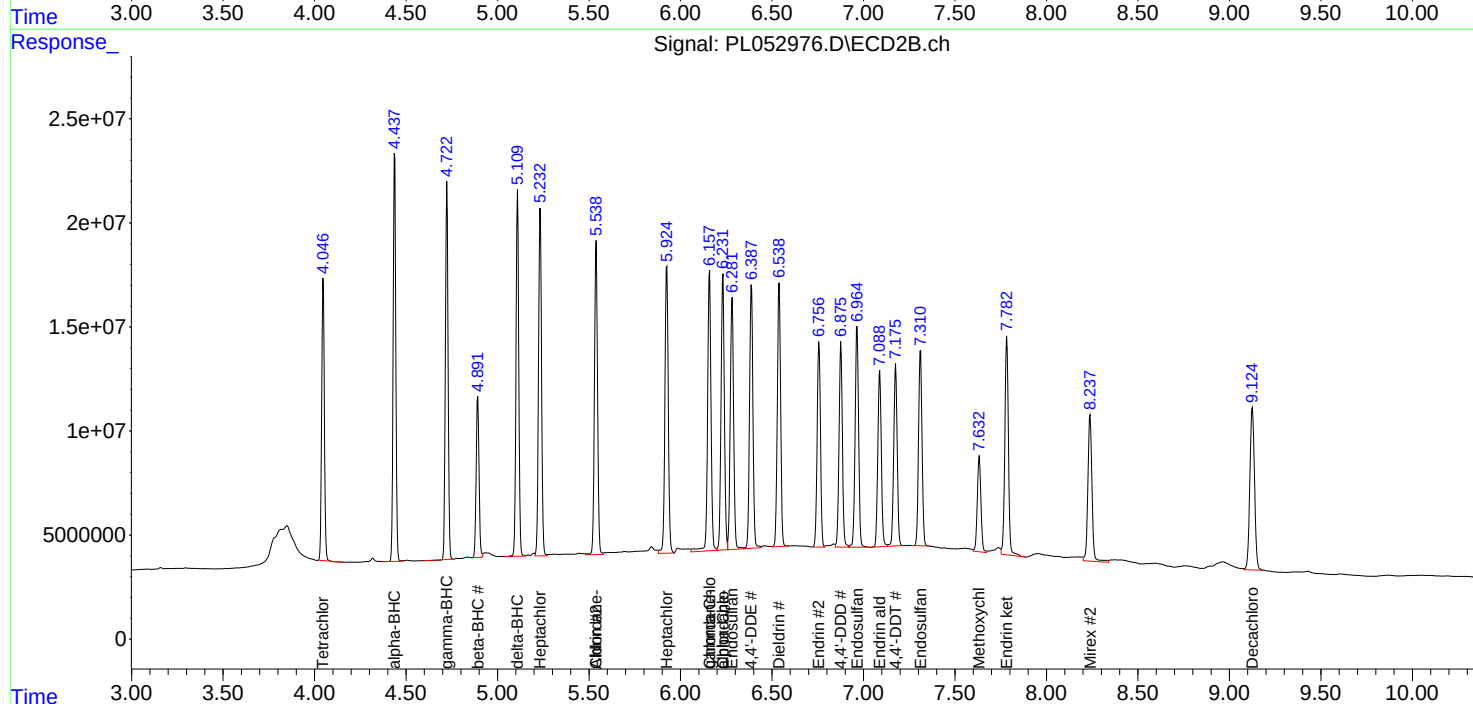
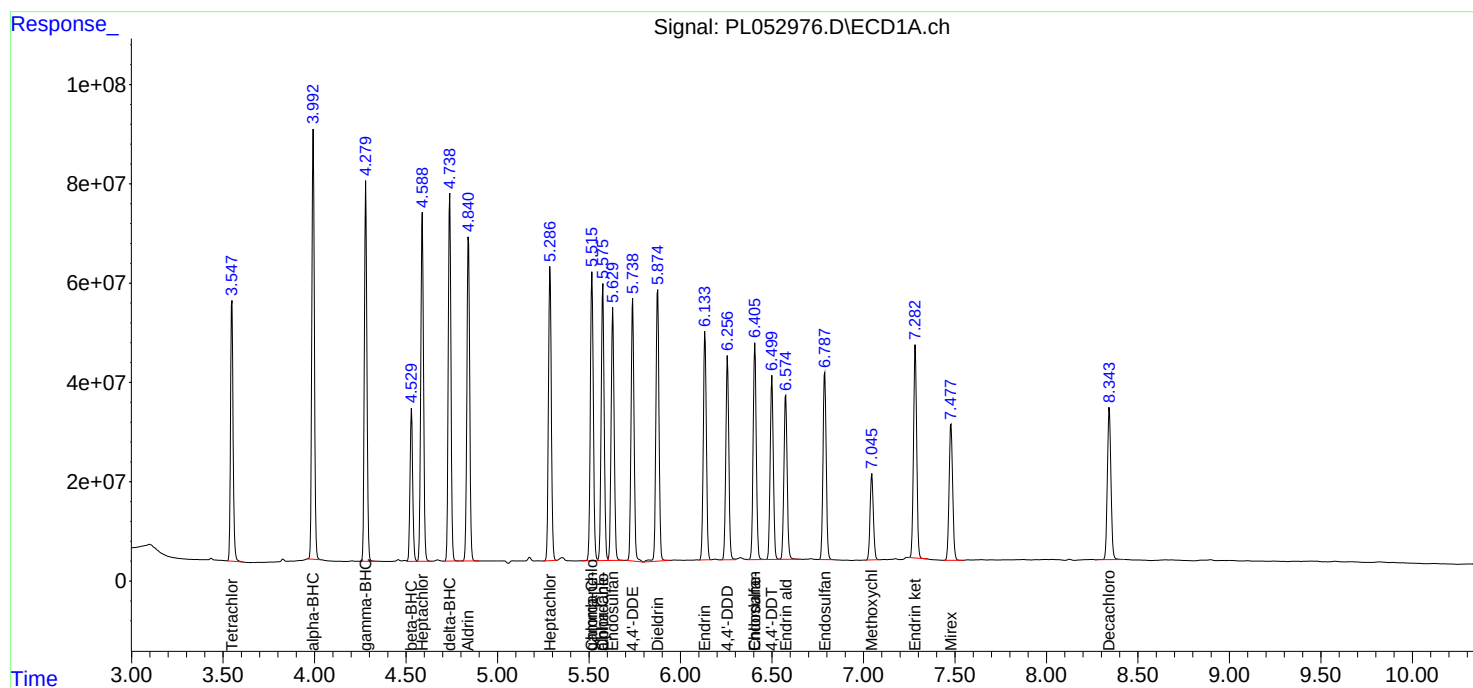
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

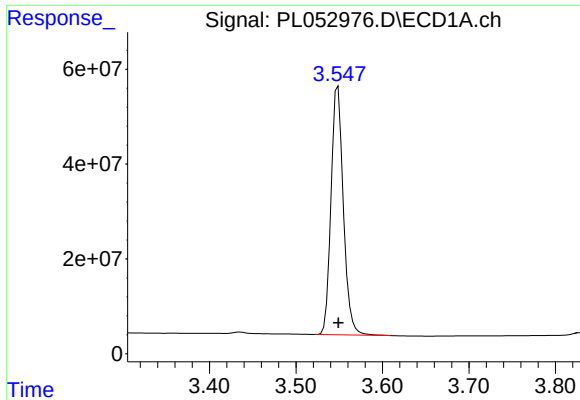
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100119\  
Data File : PL052976.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Oct 2019 21:54  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 03:51:10 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 2019  
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

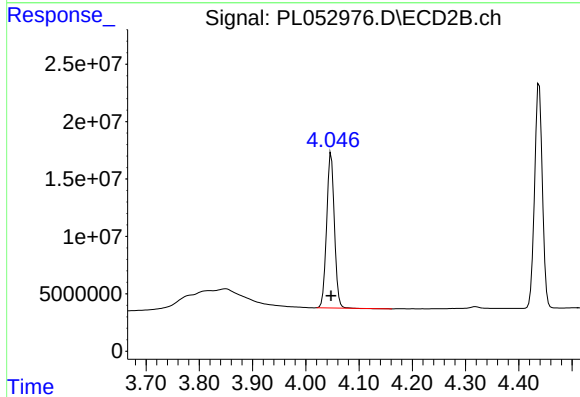




#1 Tetrachloro-m-xylene

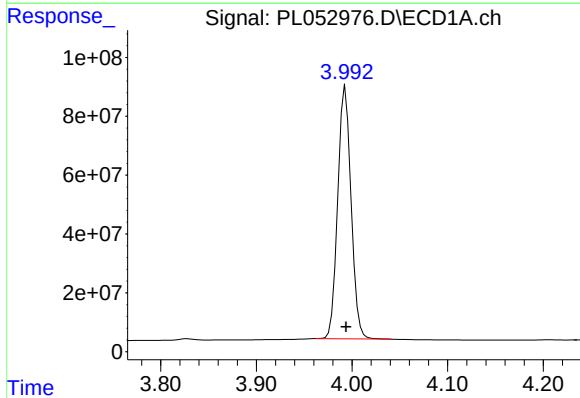
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 518399293  
Conc: 52.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



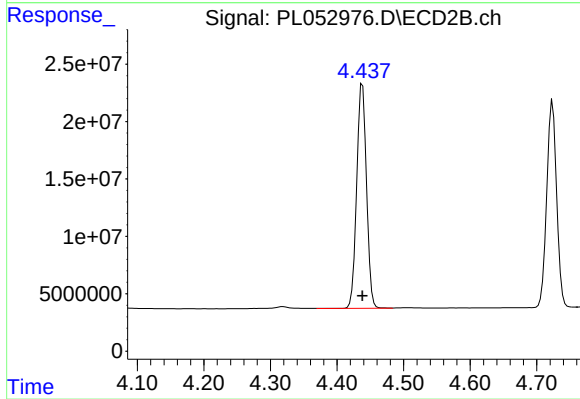
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 136508860  
Conc: 50.84 ng/ml



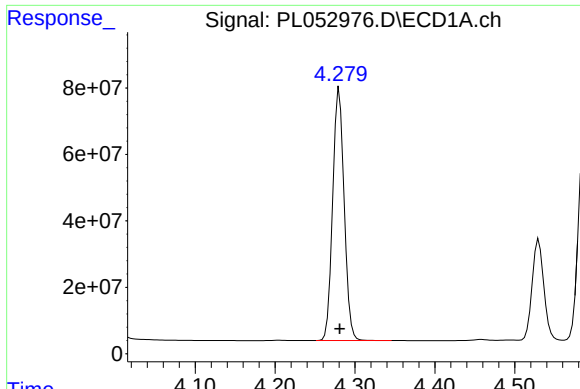
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.000 min  
Response: 831948821  
Conc: 52.16 ng/ml



#2 alpha-BHC

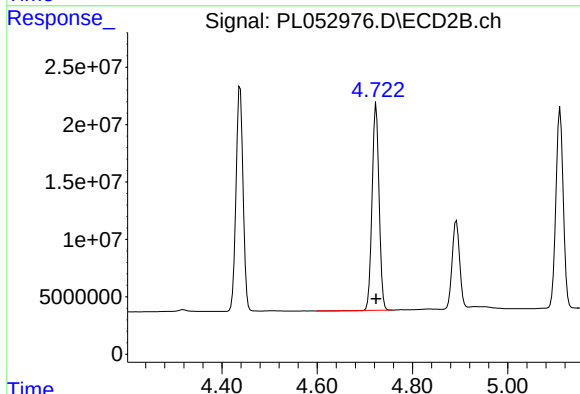
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 200035953  
Conc: 52.09 ng/ml



#3 gamma-BHC (Lindane)

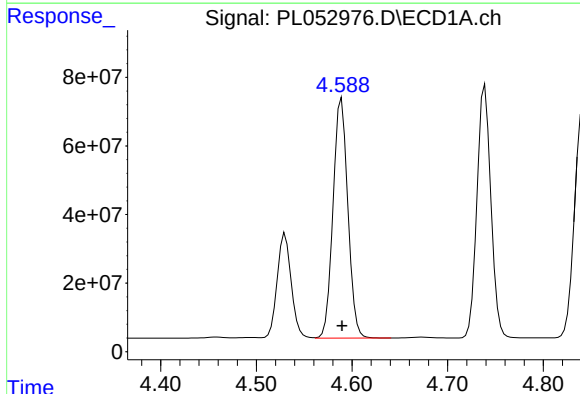
R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 757195293  
Conc: 51.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



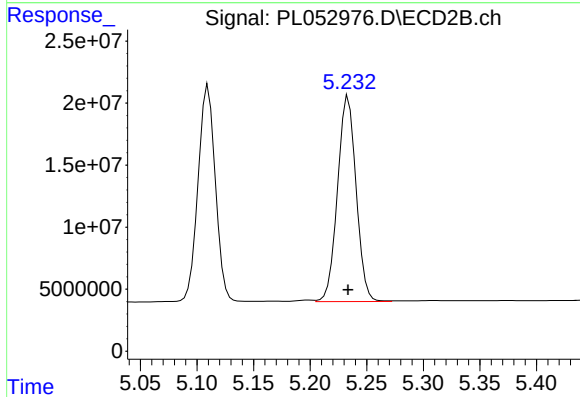
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 184912604  
Conc: 51.06 ng/ml



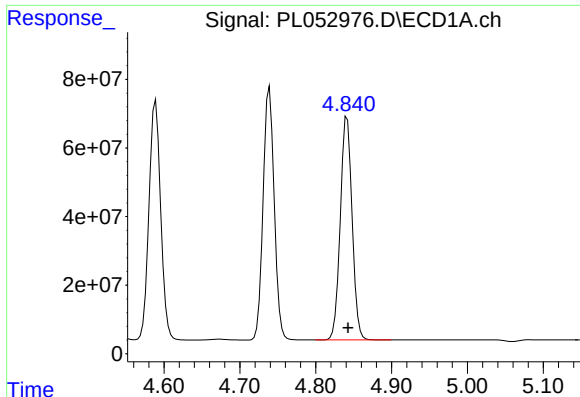
#4 Heptachlor

R.T.: 4.589 min  
Delta R.T.: 0.000 min  
Response: 749943433  
Conc: 50.19 ng/ml



#4 Heptachlor

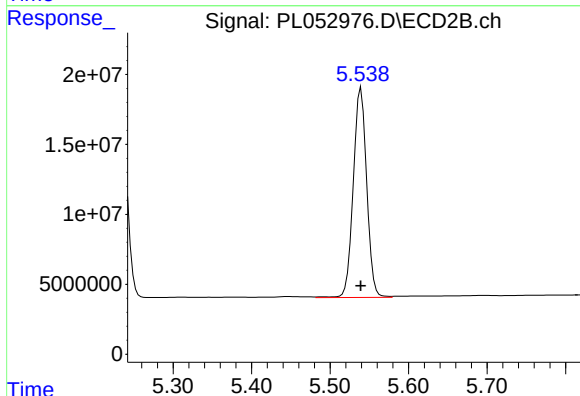
R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 189533739  
Conc: 49.74 ng/ml



#5 Aldrin

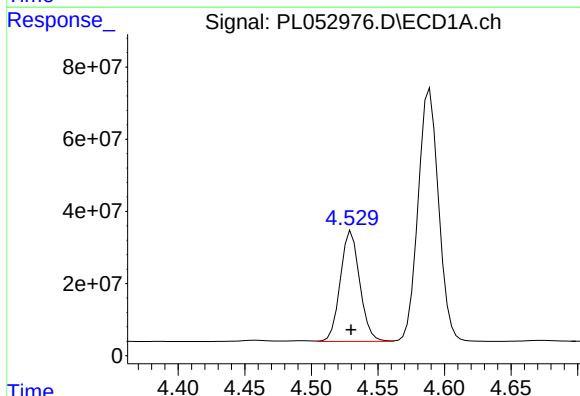
R.T.: 4.841 min  
Delta R.T.: -0.001 min  
Response: 704316725  
Conc: 51.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



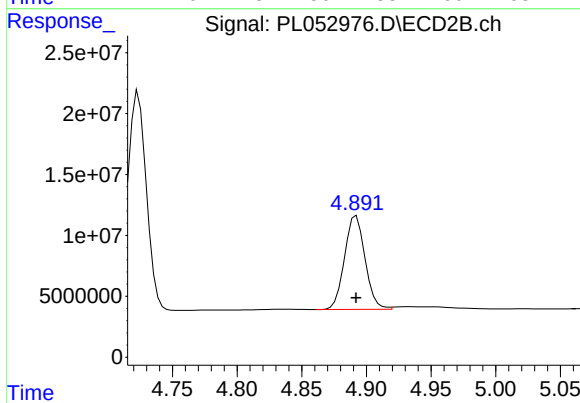
#5 Aldrin

R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 178416848  
Conc: 51.48 ng/ml



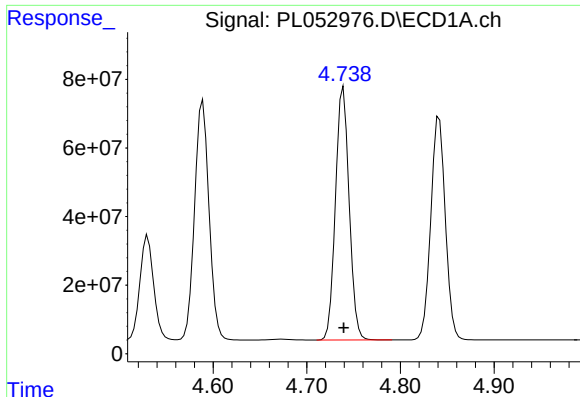
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 310888110  
Conc: 50.07 ng/ml



#6 beta-BHC

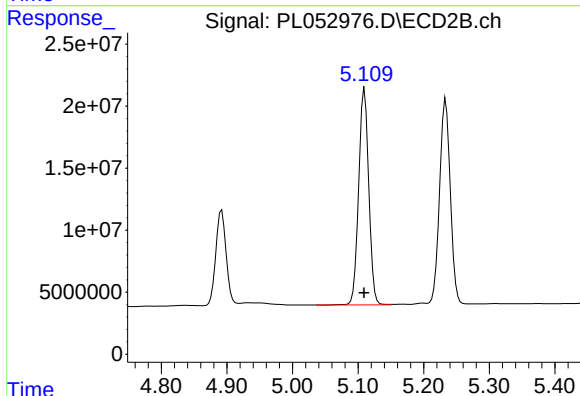
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 84635452  
Conc: 53.85 ng/ml



#7 delta-BHC

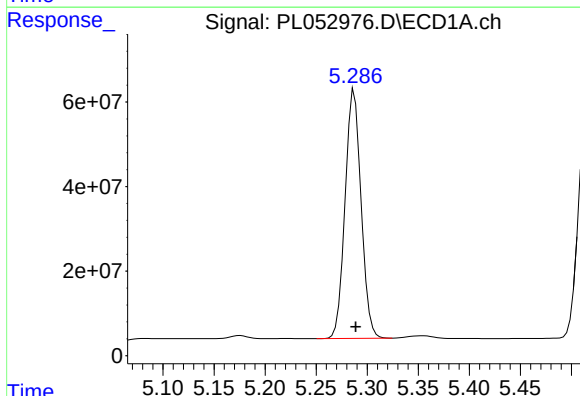
R.T.: 4.739 min  
Delta R.T.: 0.000 min  
Response: 749614176  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



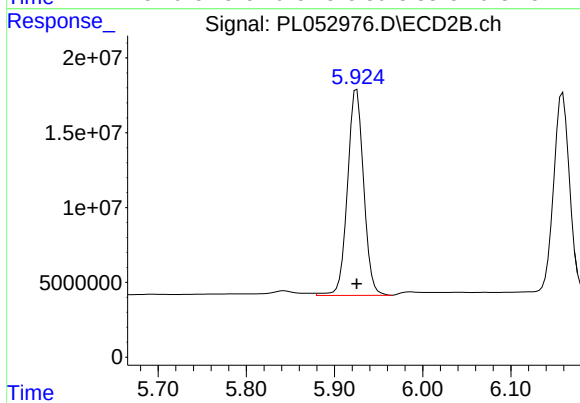
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 186753846  
Conc: 51.59 ng/ml



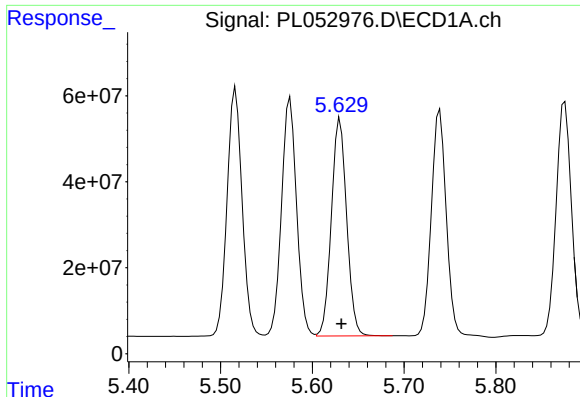
#8 Heptachlor epoxide

R.T.: 5.287 min  
Delta R.T.: -0.002 min  
Response: 641914260  
Conc: 49.26 ng/ml



#8 Heptachlor epoxide

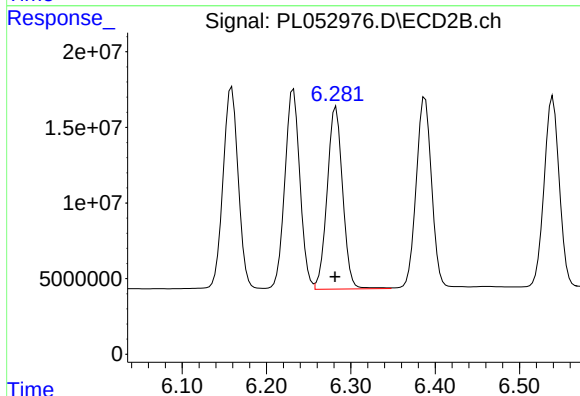
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 175159682  
Conc: 52.26 ng/ml



#9 Endosulfan I

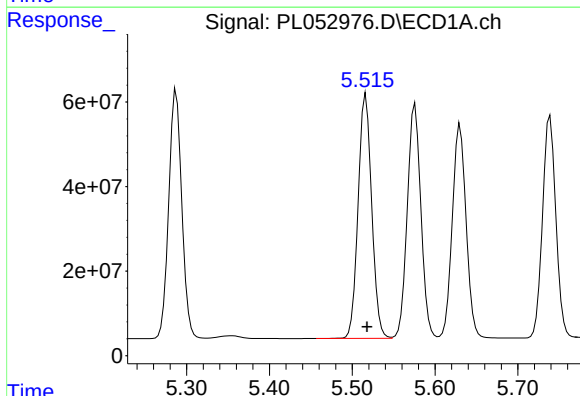
R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 587379157  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



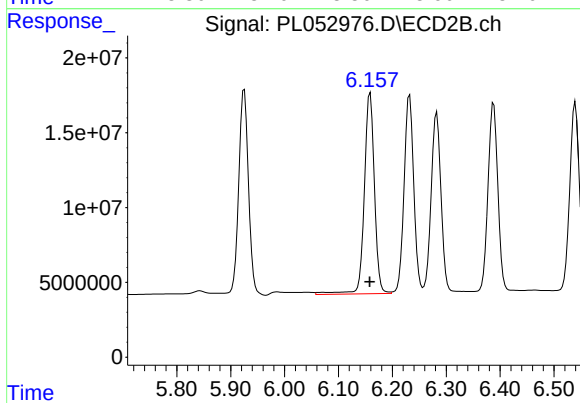
#9 Endosulfan I

R.T.: 6.282 min  
Delta R.T.: 0.001 min  
Response: 153874015  
Conc: 49.23 ng/ml



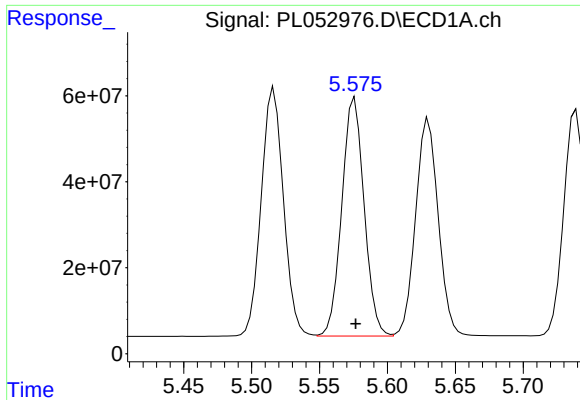
#10 gamma-Chlordane

R.T.: 5.517 min  
Delta R.T.: -0.001 min  
Response: 658512427  
Conc: 48.97 ng/ml



#10 gamma-Chlordane

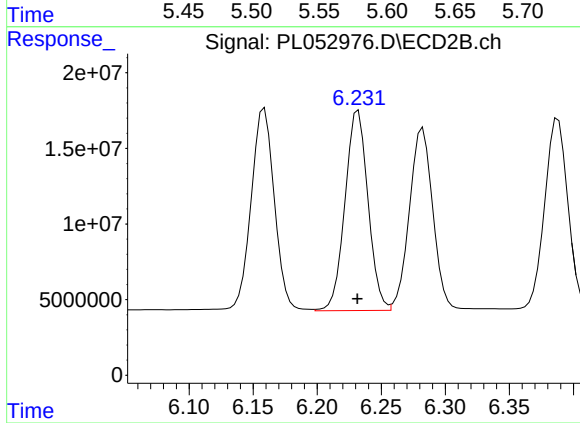
R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 175823841  
Conc: 51.97 ng/ml



#11 alpha-Chlordane

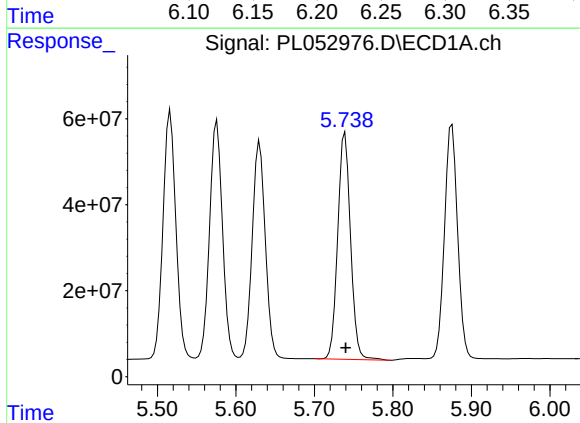
R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 634508885  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



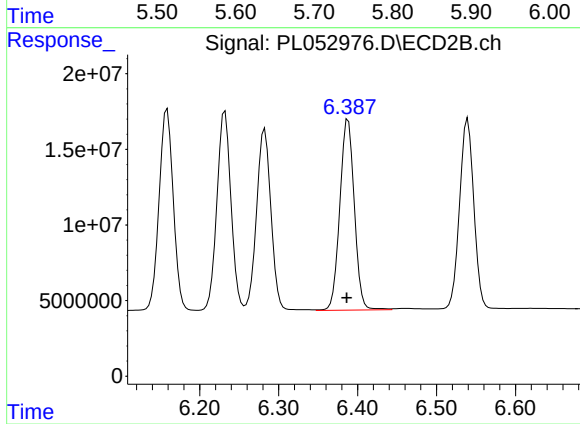
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 165358039  
Conc: 49.13 ng/ml



#12 4,4'-DDE

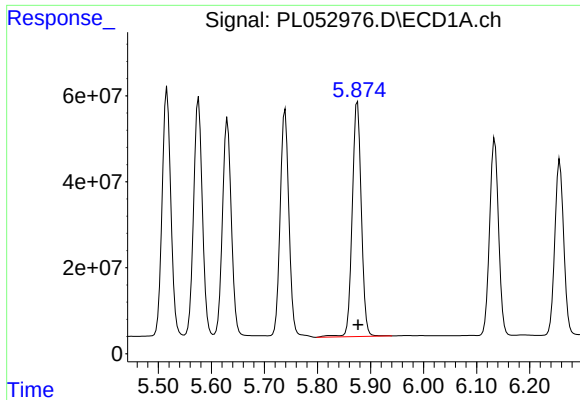
R.T.: 5.739 min  
Delta R.T.: -0.001 min  
Response: 600096002  
Conc: 51.70 ng/ml



#12 4,4'-DDE

R.T.: 6.388 min  
Delta R.T.: 0.002 min  
Response: 161322547  
Conc: 49.39 ng/ml

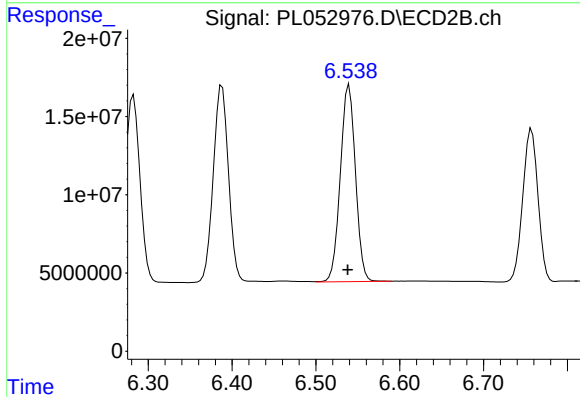




#13 Dieldrin

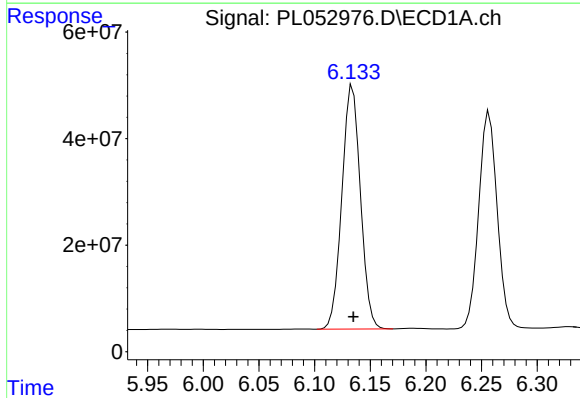
R.T.: 5.875 min  
Delta R.T.: -0.001 min  
Response: 646041881  
Conc: 50.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



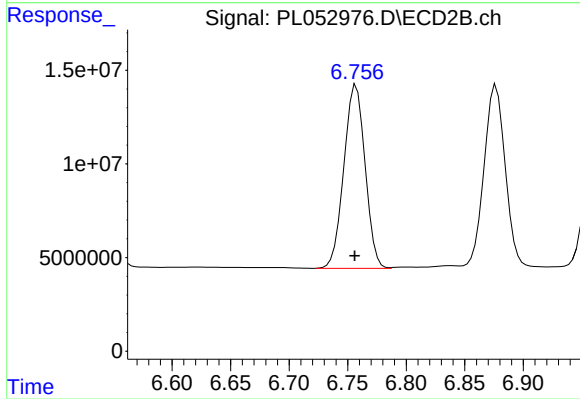
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.001 min  
Response: 157575644  
Conc: 48.31 ng/ml



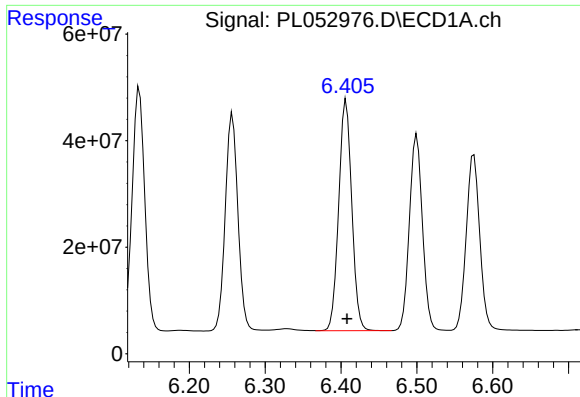
#14 Endrin

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 530818554  
Conc: 46.60 ng/ml



#14 Endrin

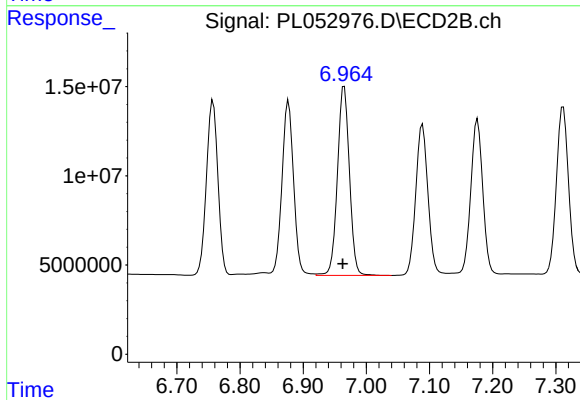
R.T.: 6.757 min  
Delta R.T.: 0.001 min  
Response: 123687723  
Conc: 44.54 ng/ml



#15 Endosulfan II

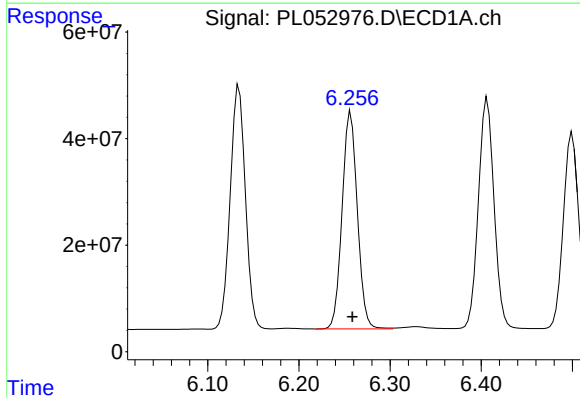
R.T.: 6.407 min  
Delta R.T.: -0.001 min  
Response: 518981599  
Conc: 45.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



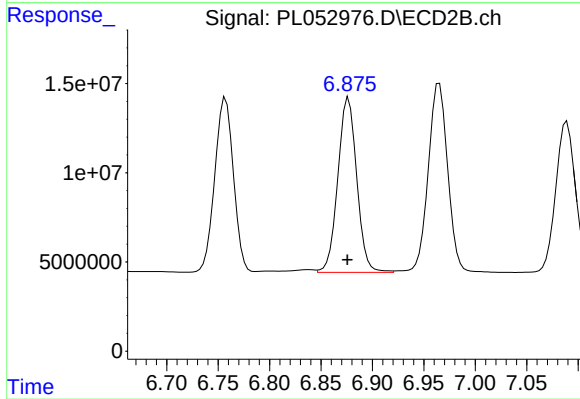
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.003 min  
Response: 140141809  
Conc: 47.23 ng/ml



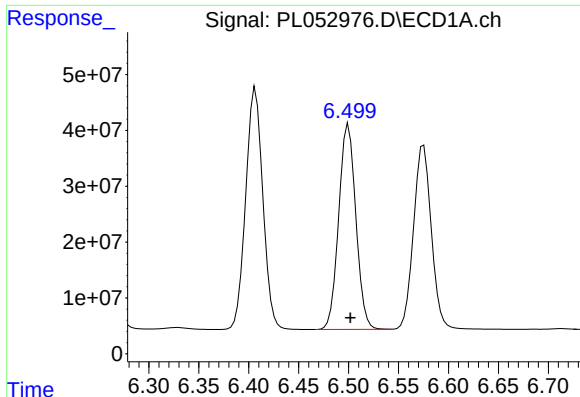
#16 4,4'-DDD

R.T.: 6.257 min  
Delta R.T.: -0.002 min  
Response: 474046895  
Conc: 52.74 ng/ml



#16 4,4'-DDD

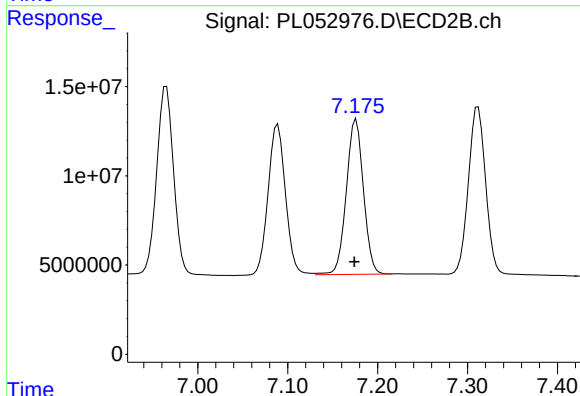
R.T.: 6.877 min  
Delta R.T.: 0.001 min  
Response: 125349380  
Conc: 51.11 ng/ml



#17 4,4'-DDT

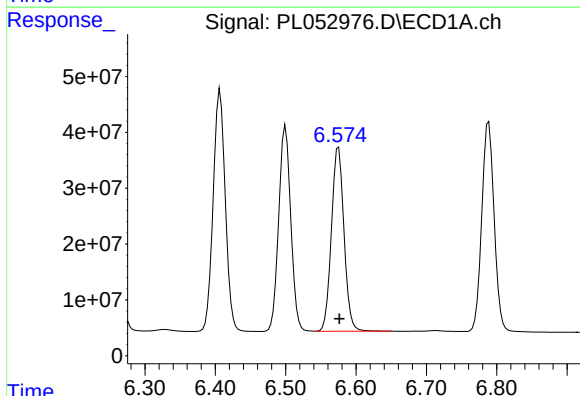
R.T.: 6.500 min  
Delta R.T.: -0.002 min  
Response: 439700373  
Conc: 43.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



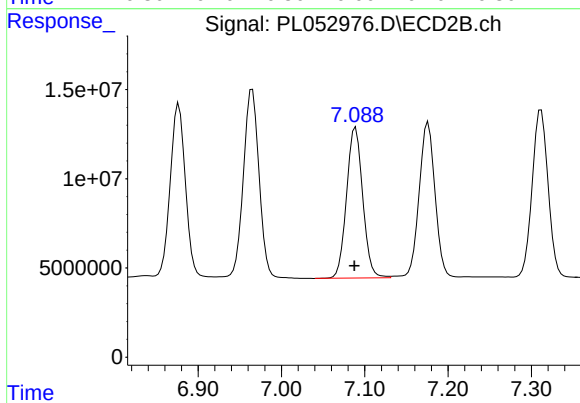
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 114723188  
Conc: 44.08 ng/ml



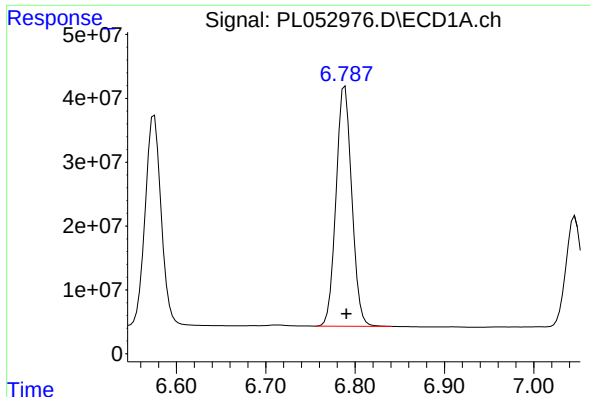
#18 Endrin aldehyde

R.T.: 6.575 min  
Delta R.T.: -0.001 min  
Response: 409743008  
Conc: 43.63 ng/ml



#18 Endrin aldehyde

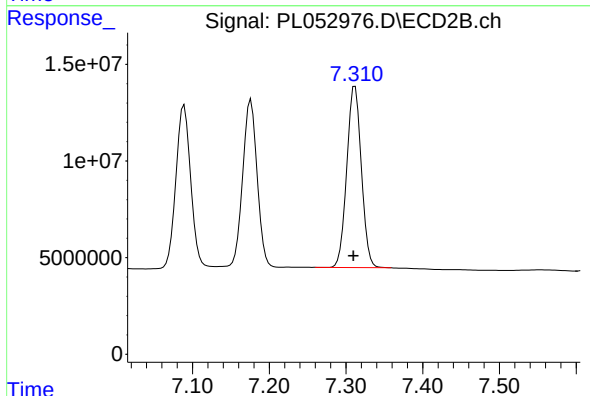
R.T.: 7.089 min  
Delta R.T.: 0.001 min  
Response: 113627409  
Conc: 46.33 ng/ml



#19 Endosulfan Sulfate

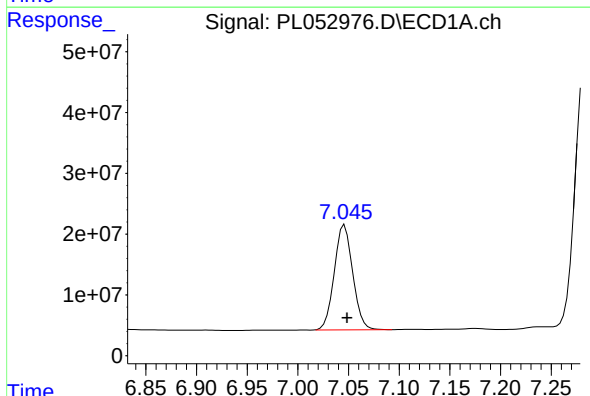
R.T.: 6.789 min  
Delta R.T.: -0.002 min  
Response: 458846716  
Conc: 44.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



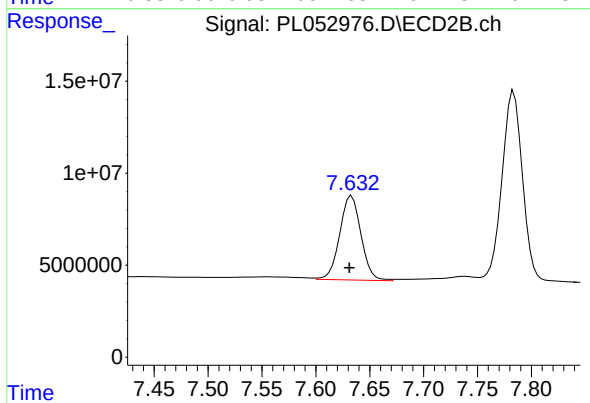
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.002 min  
Response: 124657355  
Conc: 45.66 ng/ml



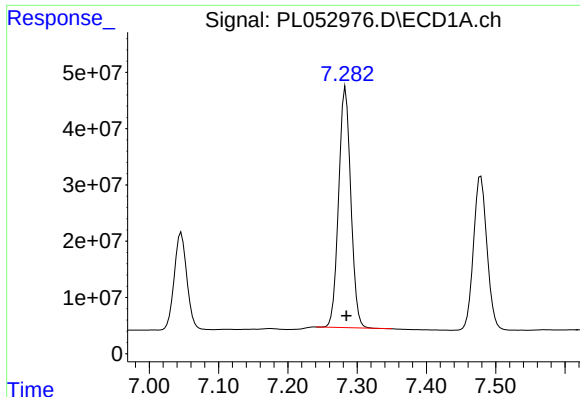
#20 Methoxychlor

R.T.: 7.046 min  
Delta R.T.: -0.003 min  
Response: 218412358  
Conc: 42.34 ng/ml



#20 Methoxychlor

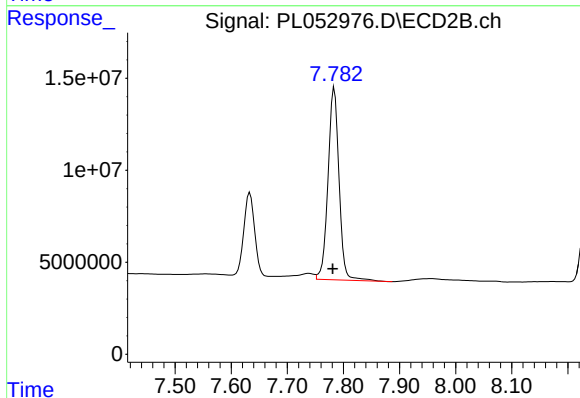
R.T.: 7.633 min  
Delta R.T.: 0.002 min  
Response: 63036531  
Conc: 44.77 ng/ml



#21 Endrin ketone

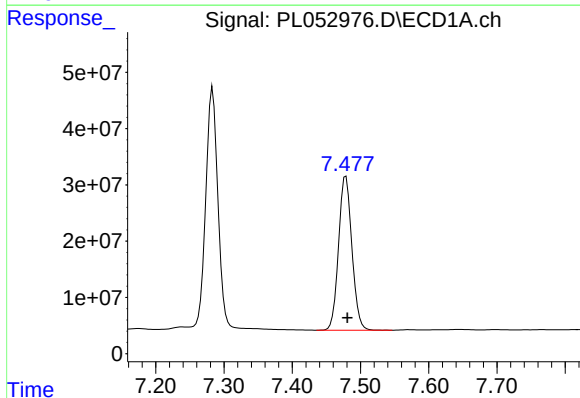
R.T.: 7.283 min  
Delta R.T.: -0.001 min  
Response: 519975907  
Conc: 44.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



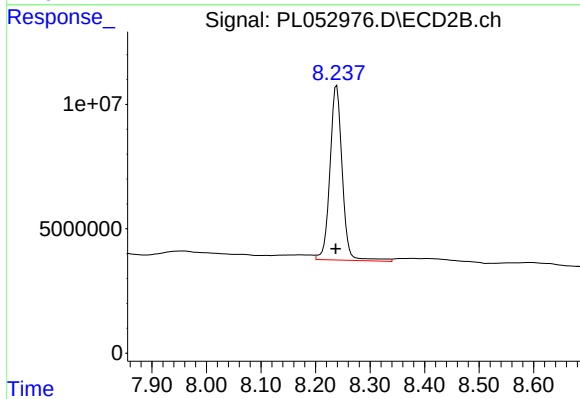
#21 Endrin ketone

R.T.: 7.784 min  
Delta R.T.: 0.003 min  
Response: 142957771  
Conc: 50.11 ng/ml



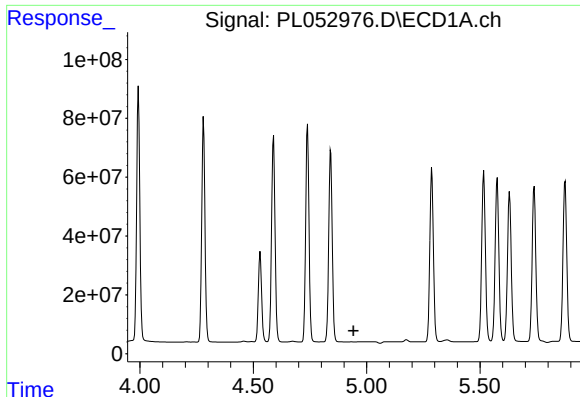
#22 Mirex

R.T.: 7.479 min  
Delta R.T.: -0.002 min  
Response: 371580173  
Conc: 39.35 ng/ml



#22 Mirex

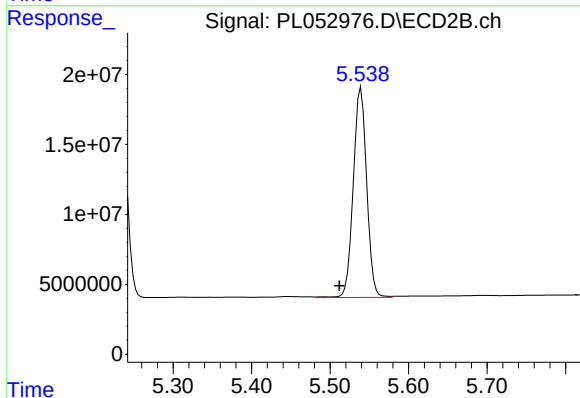
R.T.: 8.239 min  
Delta R.T.: 0.002 min  
Response: 110080899  
Conc: 48.94 ng/ml



#24 Chlordane-2

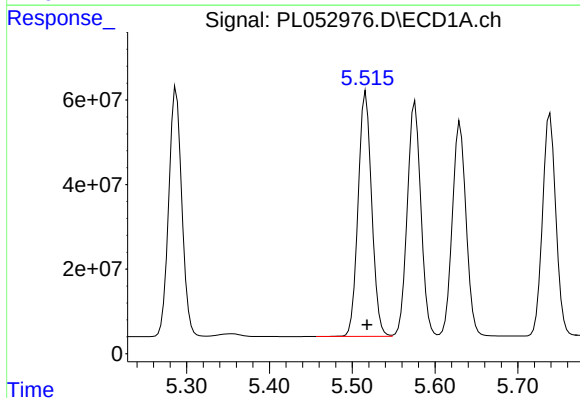
R.T.: 0.000 min  
Exp R.T.: 4.942 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



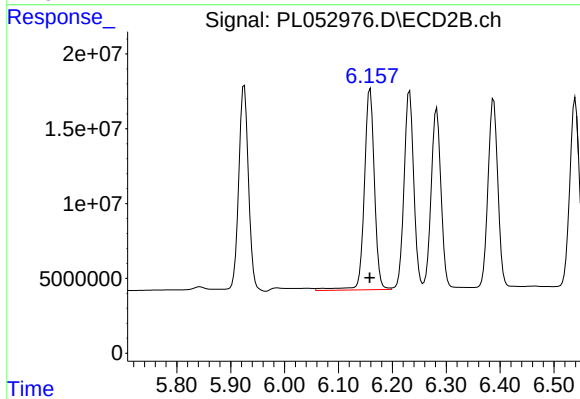
#24 Chlordane-2

R.T.: 5.539 min  
Delta R.T.: 0.027 min  
Response: 178416848  
Conc: 1594.11 ng/ml



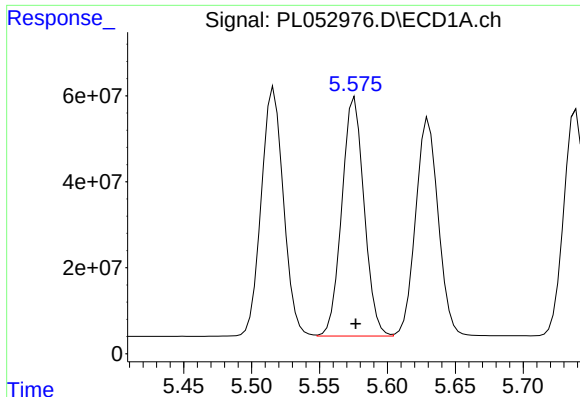
#25 Chlordane-3

R.T.: 5.517 min  
Delta R.T.: -0.001 min  
Response: 658512427  
Conc: 568.32 ng/ml



#25 Chlordane-3

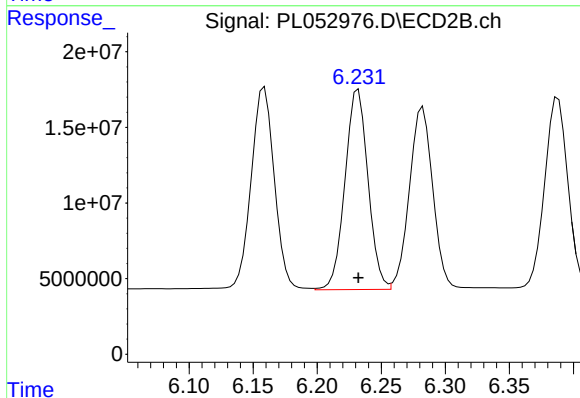
R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 175823841  
Conc: 403.72 ng/ml



#26 Chlordane-4

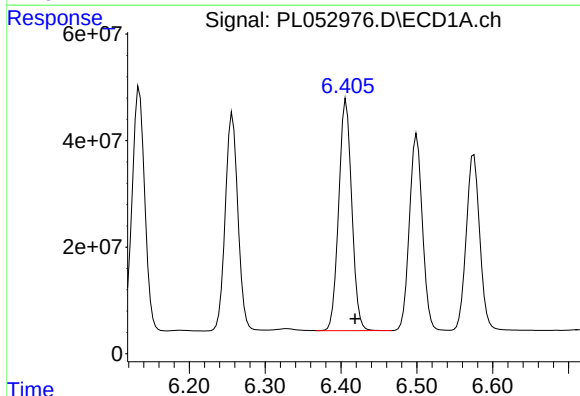
R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 634508885  
Conc: 664.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



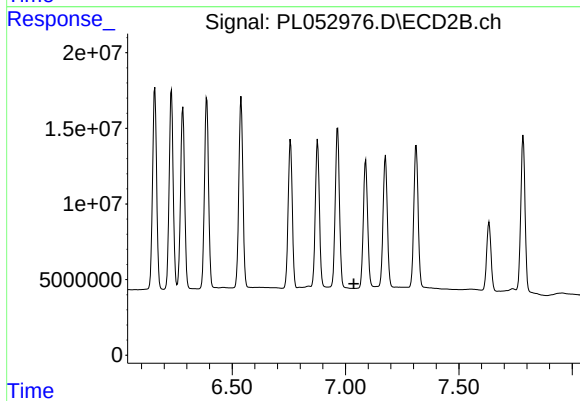
#26 Chlordane-4

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 165358039  
Conc: 311.41 ng/ml



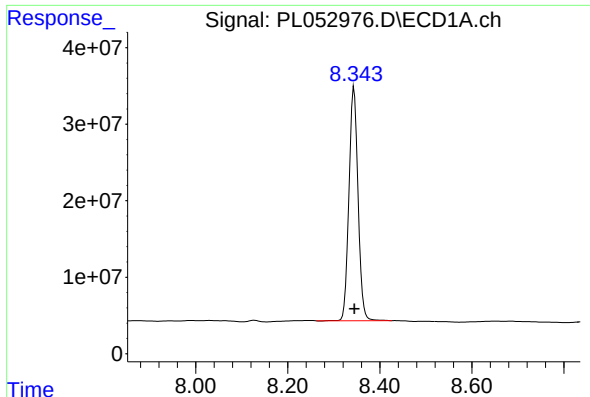
#27 Chlordane-5

R.T.: 6.407 min  
Delta R.T.: -0.012 min  
Response: 518981599  
Conc: 1315.76 ng/ml



#27 Chlordane-5

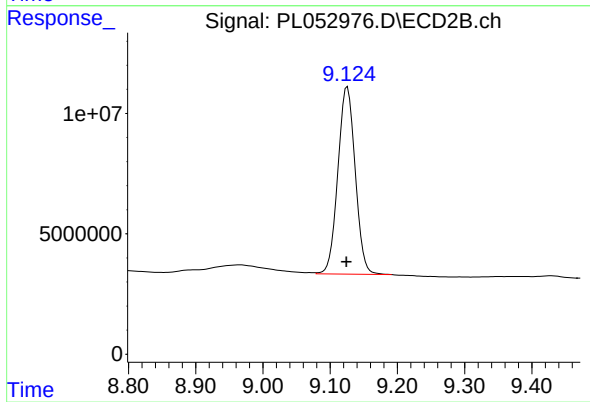
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.344 min  
Delta R.T.: -0.001 min  
Response: 417769648  
Conc: 41.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.001 min  
Response: 138079847  
Conc: 47.07 ng/ml