

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120219\  
 Data File : PL054728.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Dec 2019 10:15  
 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: Dec 03 00:32:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 01:19:55 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... | 3.539  | 4.051  | 543.8E6 | 126.8E6  | 46.738   | 49.693     |
| 28)                         | SA Decachlor... | 8.322  | 9.138  | 403.9E6 | 111.5E6  | 42.177   | 46.495     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.982  | 4.443  | 893.0E6 | 173.9E6  | 47.040   | 49.079     |
| 3)                          | MA gamma-BHC... | 4.269  | 4.729  | 799.0E6 | 157.9E6  | 46.873   | 48.435     |
| 4)                          | MA Heptachlor   | 4.575  | 5.239  | 805.9E6 | 146.3E6  | 45.702   | 48.478     |
| 5)                          | MB Aldrin       | 4.827  | 5.545  | 760.8E6 | 137.2E6  | 46.677   | 49.234     |
| 6)                          | B beta-BHC      | 4.520  | 4.900  | 337.3E6 | 67971386 | 45.480   | 48.267     |
| 7)                          | B delta-BHC     | 4.728  | 5.118  | 766.8E6 | 142.0E6  | 47.171   | 53.251     |
| 8)                          | B Heptachlo...  | 5.272  | 5.932  | 701.1E6 | 125.5E6  | 46.349   | 50.241     |
| 9)                          | A Endosulfan I  | 5.614  | 6.289  | 630.7E6 | 115.0E6  | 46.253   | 46.473     |
| 10)                         | B gamma-Chl...  | 5.501  | 6.166  | 700.8E6 | 126.3E6  | 46.217   | 47.947     |
| 11)                         | B alpha-Chl...  | 5.559  | 6.238  | 671.0E6 | 124.9E6  | 45.505   | 47.552     |
| 12)                         | B 4,4'-DDE      | 5.722  | 6.395  | 626.8E6 | 120.2E6  | 47.112   | 48.540     |
| 13)                         | MA Dieldrin     | 5.858  | 6.546  | 654.0E6 | 122.4E6  | 46.118   | 48.077     |
| 14)                         | MA Endrin       | 6.117  | 6.765  | 562.9E6 | 101.9E6  | 44.206   | 45.997     |
| 15)                         | B Endosulfa...  | 6.390  | 6.974  | 509.9E6 | 104.4E6  | 42.144   | 44.428     |
| 16)                         | A 4,4'-DDD      | 6.239  | 6.885  | 478.5E6 | 95250445 | 48.993   | 49.608     |
| 17)                         | MA 4,4'-DDT     | 6.482  | 7.185  | 443.4E6 | 87328883 | 42.322   | 44.076     |
| 18)                         | B Endrin al...  | 6.559  | 7.098  | 427.6E6 | 90249816 | 43.174   | 46.041     |
| 19)                         | B Endosulfa...  | 6.772  | 7.321  | 451.6E6 | 100.3E6  | 42.174   | 47.301     |
| 20)                         | A Methoxychlor  | 7.027  | 7.642  | 205.6E6 | 47850394 | 41.030   | 41.949     |
| 21)                         | B Endrin ke...  | 7.267  | 7.793  | 489.9E6 | 102.3E6  | 45.076   | 45.447     |
| 22)                         | Mirex           | 7.459  | 8.248  | 331.5E6 | 78671007 | 40.833   | 45.519     |
| 23)                         | Chlordane-1     | 4.447f | 0.000  | 7862452 | 0        | 19.923   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.545f | 0       | 137.2E6  | N.D.     | 1530.708 # |
| 25)                         | Chlordane-3     | 5.501  | 6.166  | 700.8E6 | 126.3E6  | 545.776  | 406.929 #  |
| 26)                         | Chlordane-4     | 5.559  | 6.238  | 671.0E6 | 124.9E6  | 635.258  | 331.811 #  |
| 27)                         | Chlordane-5     | 6.390  | 0.000  | 509.9E6 | 0        | 1354.429 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

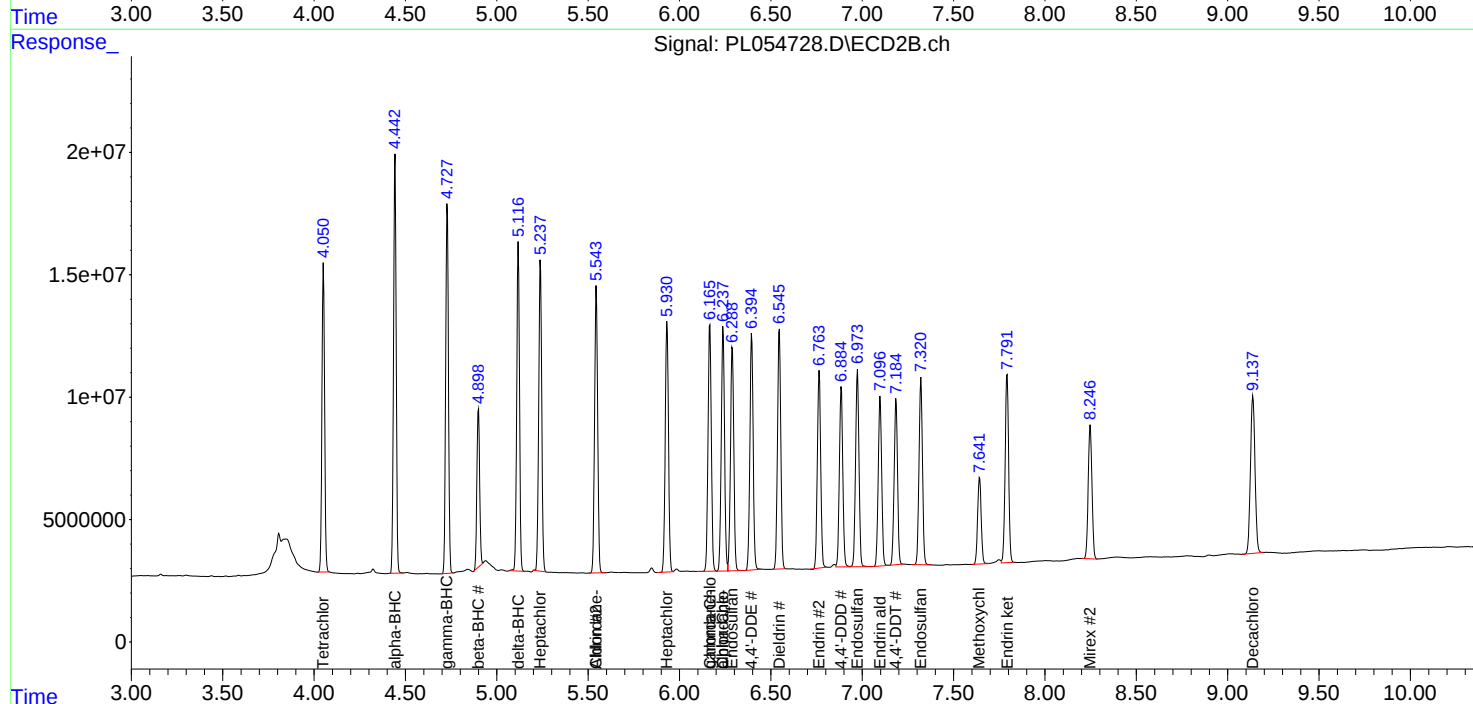
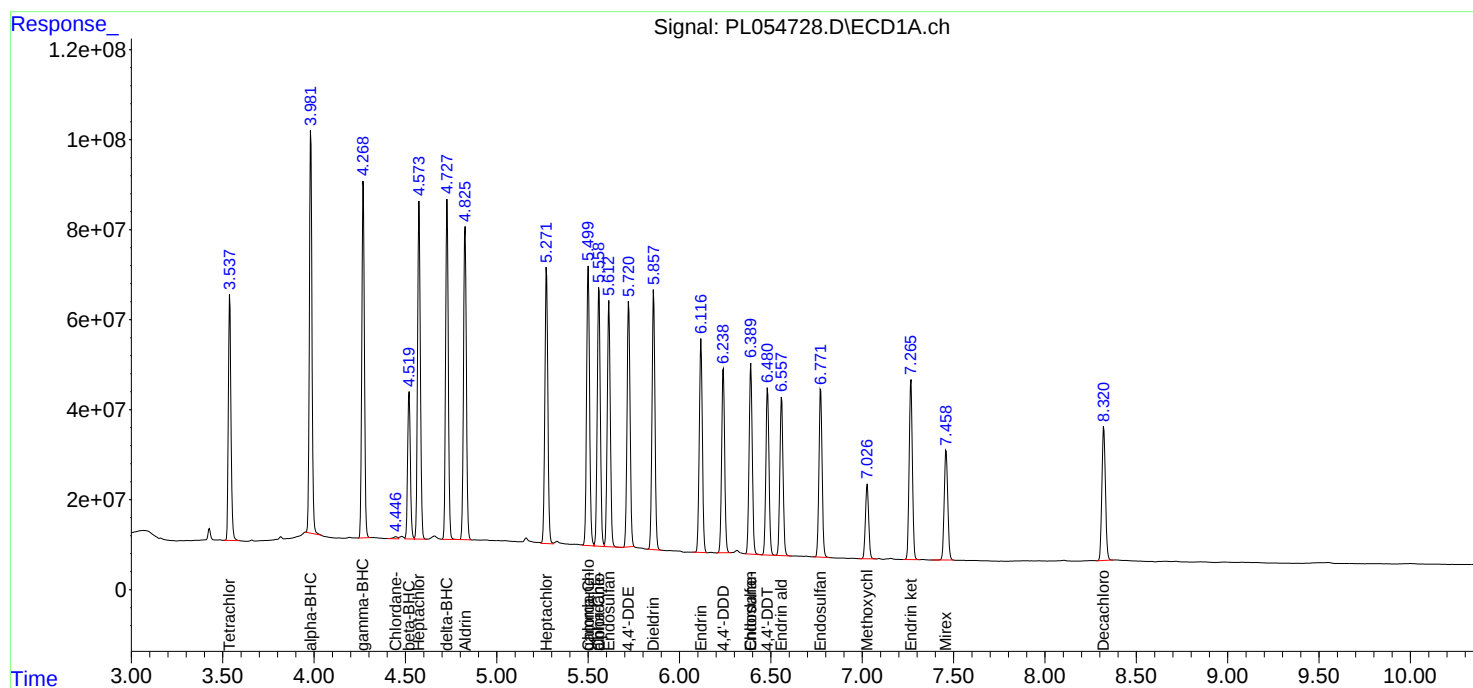
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

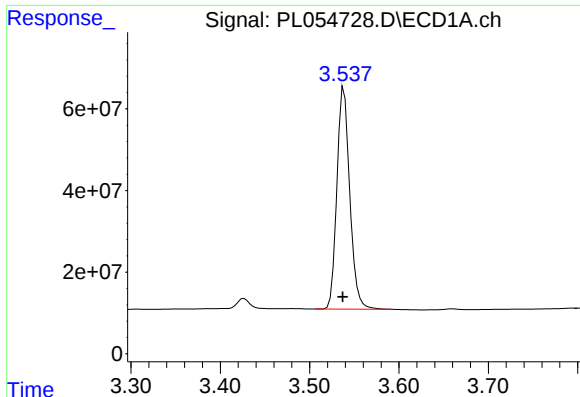
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120219\  
Data File : PL054728.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Dec 2019 10:15  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 03 00:32:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 01:19:55 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

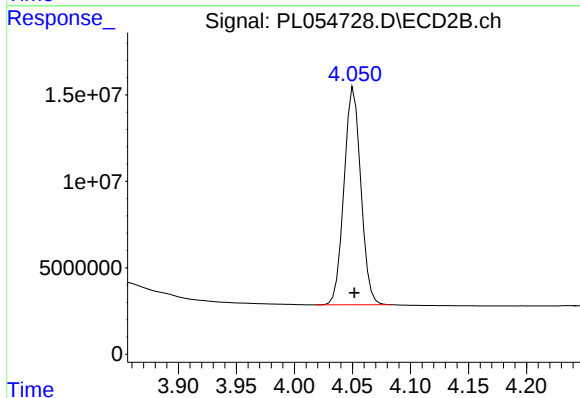




#1 Tetrachloro-m-xylene

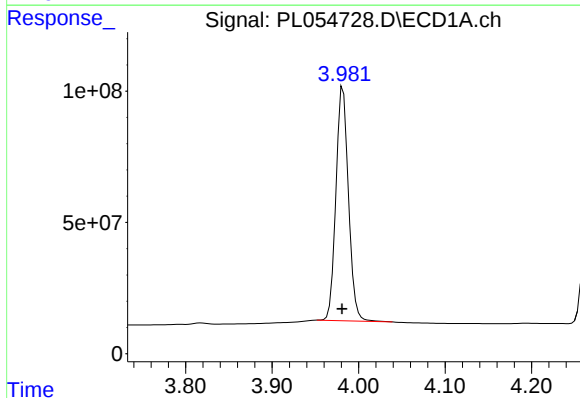
R.T.: 3.539 min  
Delta R.T.: 0.002 min  
Response: 543762314  
Conc: 46.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



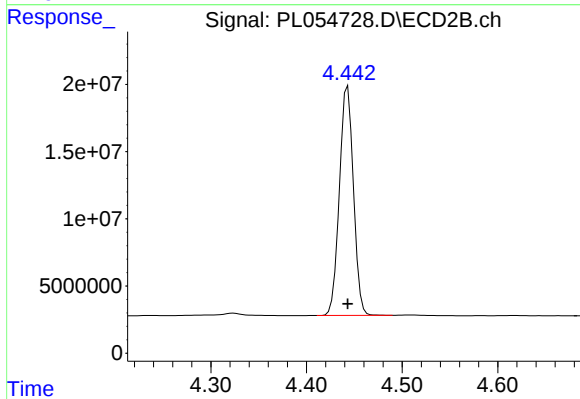
#1 Tetrachloro-m-xylene

R.T.: 4.051 min  
Delta R.T.: 0.000 min  
Response: 126806202  
Conc: 49.69 ng/ml



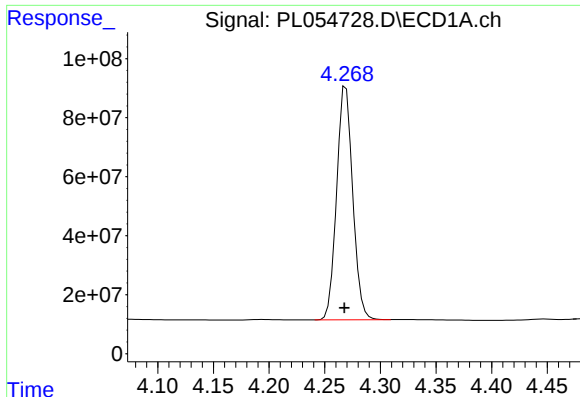
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: 0.001 min  
Response: 893007295  
Conc: 47.04 ng/ml



#2 alpha-BHC

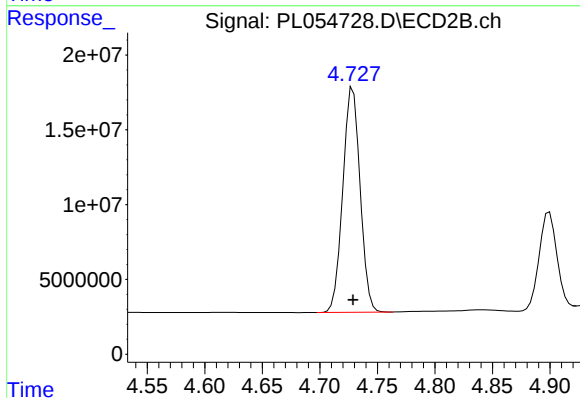
R.T.: 4.443 min  
Delta R.T.: 0.000 min  
Response: 173873384  
Conc: 49.08 ng/ml



#3 gamma-BHC (Lindane)

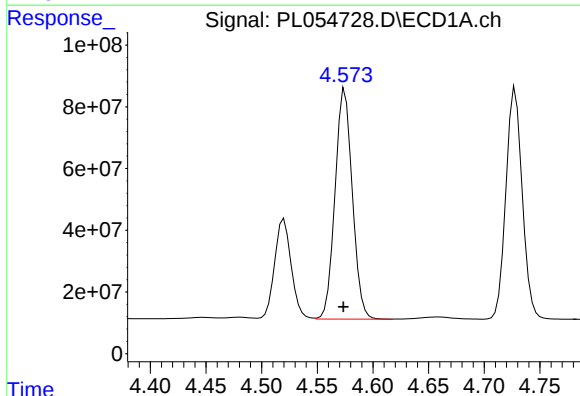
R.T.: 4.269 min  
Delta R.T.: 0.001 min  
Response: 798985225  
Conc: 46.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



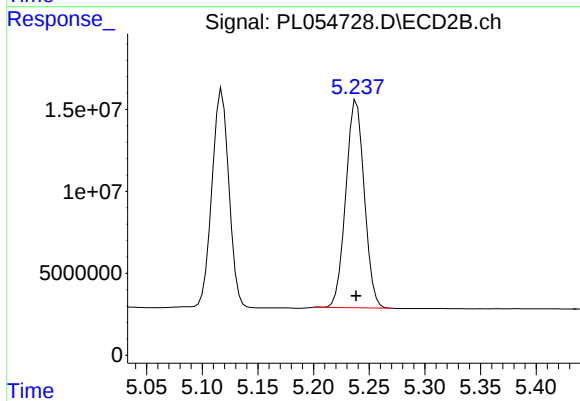
#3 gamma-BHC (Lindane)

R.T.: 4.729 min  
Delta R.T.: 0.000 min  
Response: 157923934  
Conc: 48.43 ng/ml



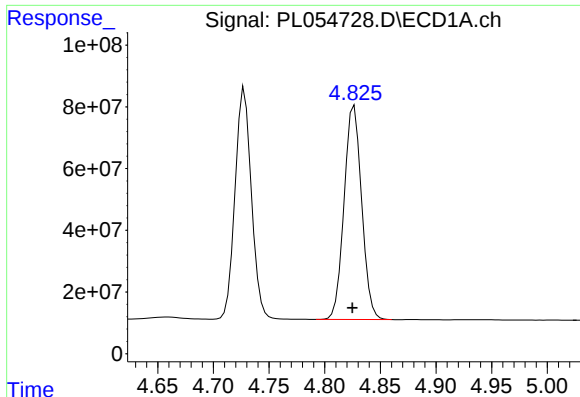
#4 Heptachlor

R.T.: 4.575 min  
Delta R.T.: 0.001 min  
Response: 805893587  
Conc: 45.70 ng/ml



#4 Heptachlor

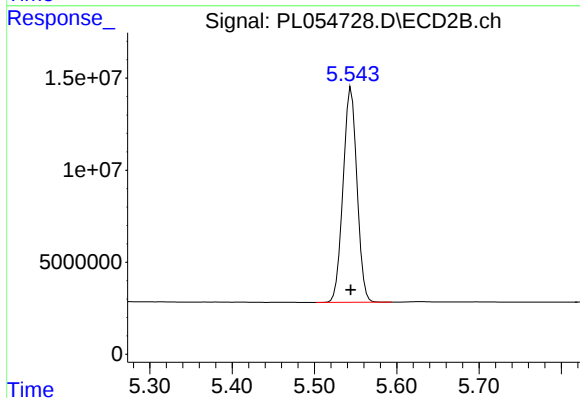
R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 146304720  
Conc: 48.48 ng/ml



#5 Aldrin

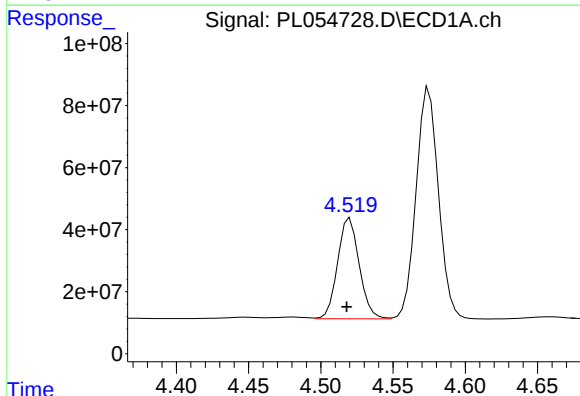
R.T.: 4.827 min  
Delta R.T.: 0.002 min  
Response: 760832526  
Conc: 46.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



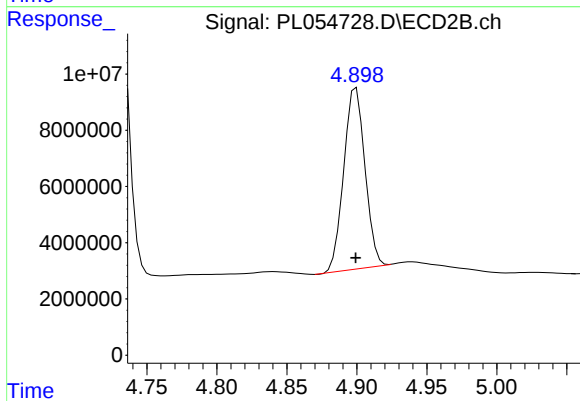
#5 Aldrin

R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 137188219  
Conc: 49.23 ng/ml



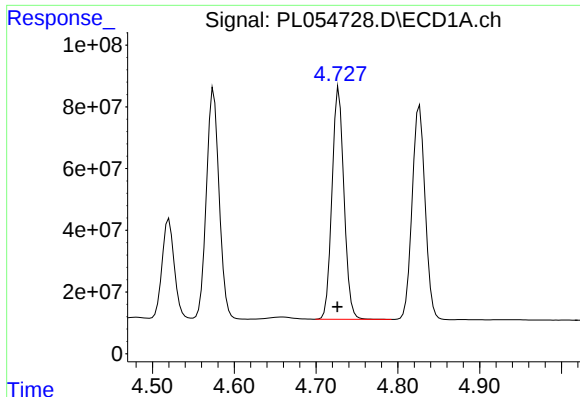
#6 beta-BHC

R.T.: 4.520 min  
Delta R.T.: 0.002 min  
Response: 337315619  
Conc: 45.48 ng/ml



#6 beta-BHC

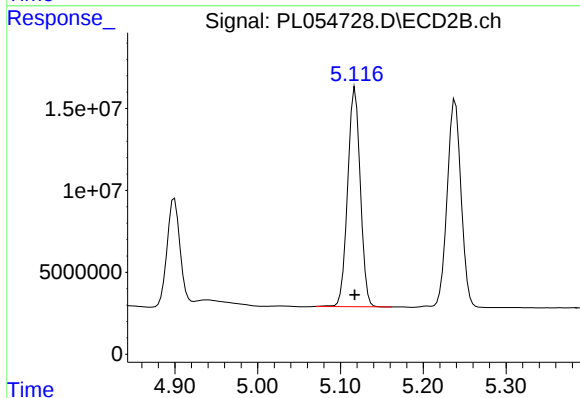
R.T.: 4.900 min  
Delta R.T.: 0.000 min  
Response: 67971386  
Conc: 48.27 ng/ml



#7 delta-BHC

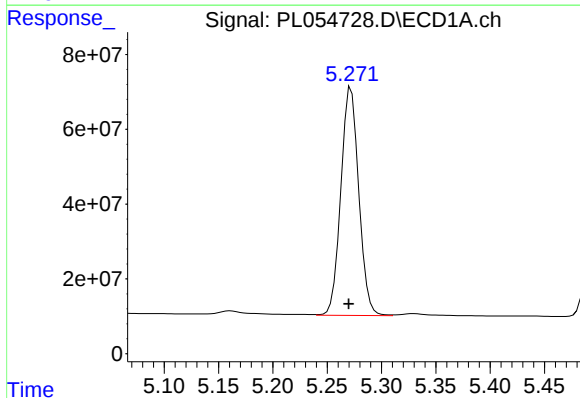
R.T.: 4.728 min  
Delta R.T.: 0.002 min  
Response: 766774370  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



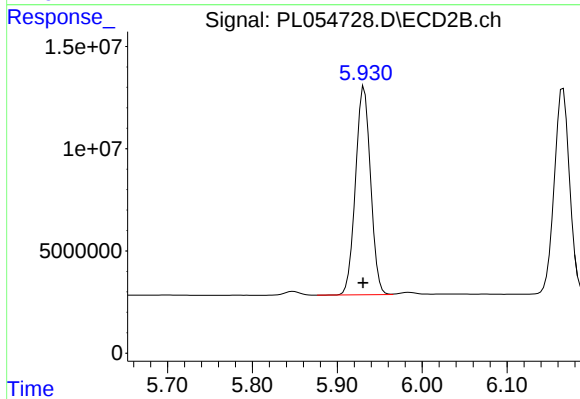
#7 delta-BHC

R.T.: 5.118 min  
Delta R.T.: 0.000 min  
Response: 141976893  
Conc: 53.25 ng/ml



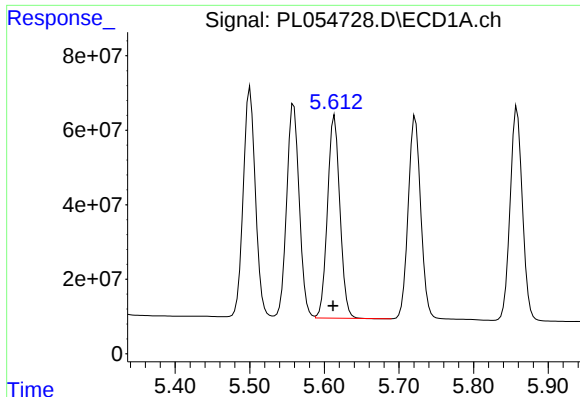
#8 Heptachlor epoxide

R.T.: 5.272 min  
Delta R.T.: 0.002 min  
Response: 701084431  
Conc: 46.35 ng/ml



#8 Heptachlor epoxide

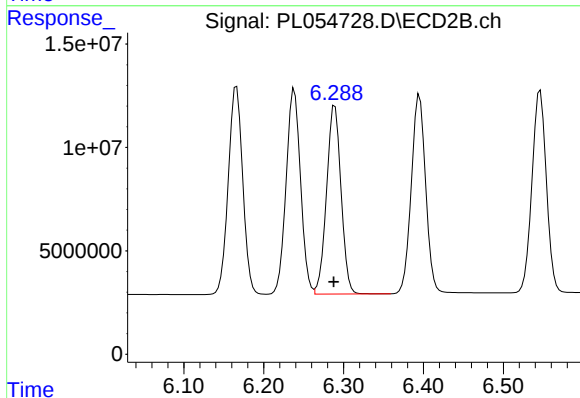
R.T.: 5.932 min  
Delta R.T.: 0.001 min  
Response: 125512221  
Conc: 50.24 ng/ml



#9 Endosulfan I

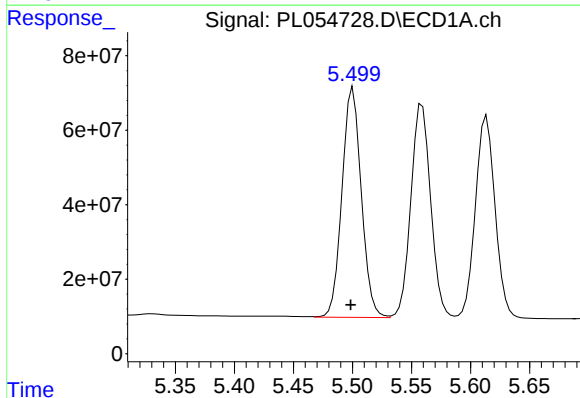
R.T.: 5.614 min  
Delta R.T.: 0.002 min  
Response: 630737378  
Conc: 46.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



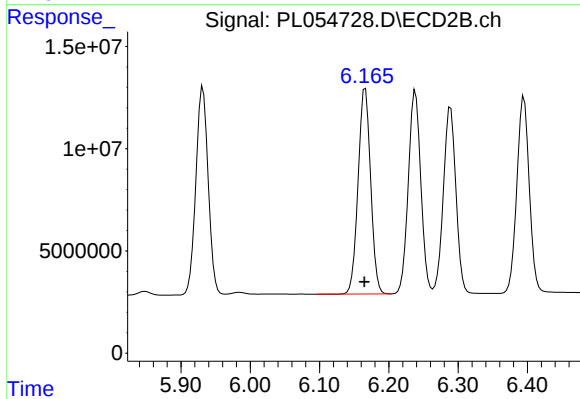
#9 Endosulfan I

R.T.: 6.289 min  
Delta R.T.: 0.001 min  
Response: 114951797  
Conc: 46.47 ng/ml



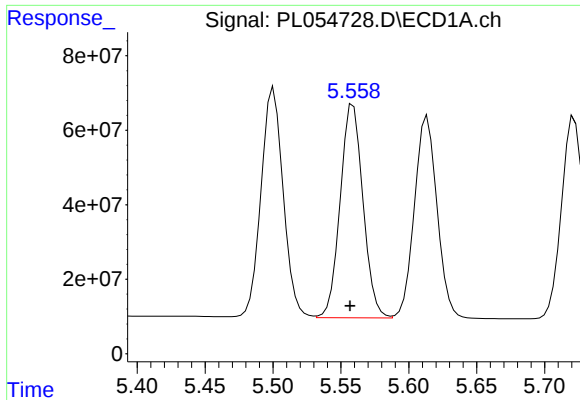
#10 gamma-Chlordane

R.T.: 5.501 min  
Delta R.T.: 0.002 min  
Response: 700847240  
Conc: 46.22 ng/ml



#10 gamma-Chlordane

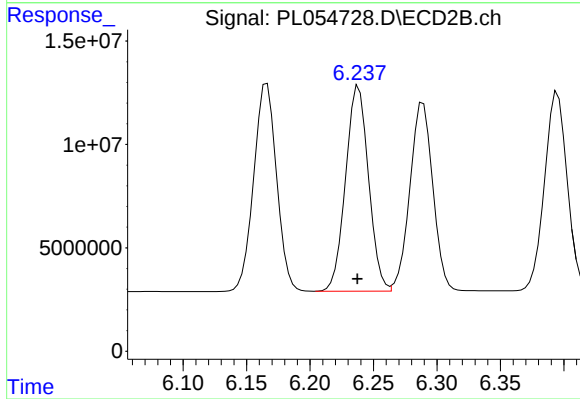
R.T.: 6.166 min  
Delta R.T.: 0.002 min  
Response: 126311125  
Conc: 47.95 ng/ml



#11 alpha-Chlordane

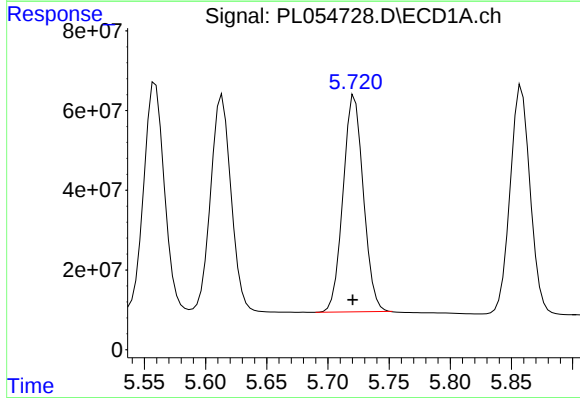
R.T.: 5.559 min  
Delta R.T.: 0.002 min  
Response: 671016420  
Conc: 45.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



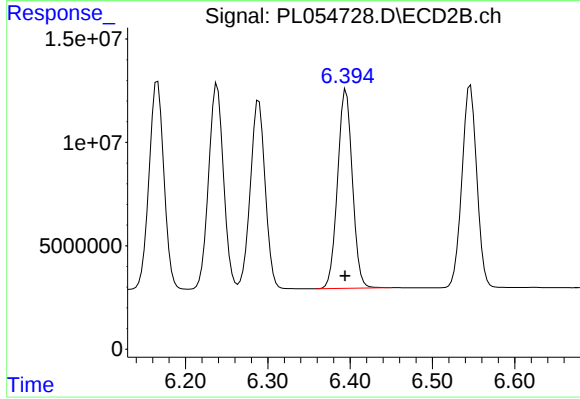
#11 alpha-Chlordane

R.T.: 6.238 min  
Delta R.T.: 0.001 min  
Response: 124856814  
Conc: 47.55 ng/ml



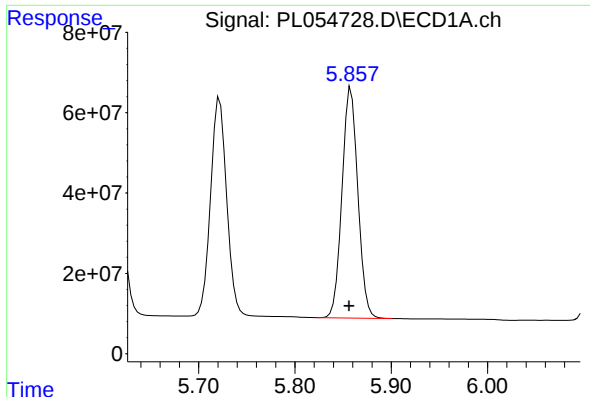
#12 4,4'-DDE

R.T.: 5.722 min  
Delta R.T.: 0.002 min  
Response: 626815101  
Conc: 47.11 ng/ml



#12 4,4'-DDE

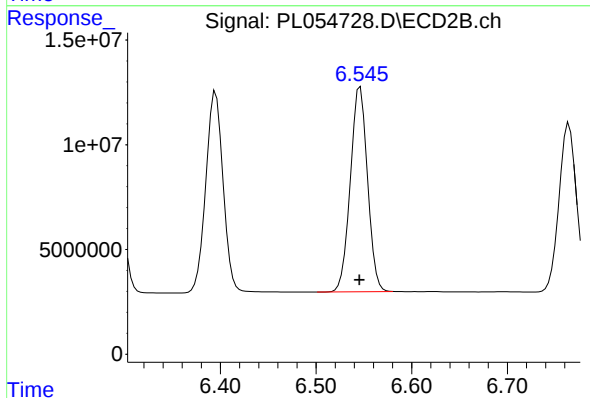
R.T.: 6.395 min  
Delta R.T.: 0.001 min  
Response: 120155577  
Conc: 48.54 ng/ml



#13 Dieldrin

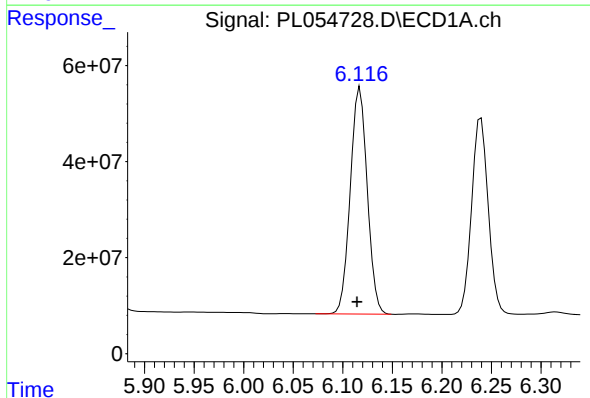
R.T.: 5.858 min  
Delta R.T.: 0.002 min  
Response: 653986827  
Conc: 46.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



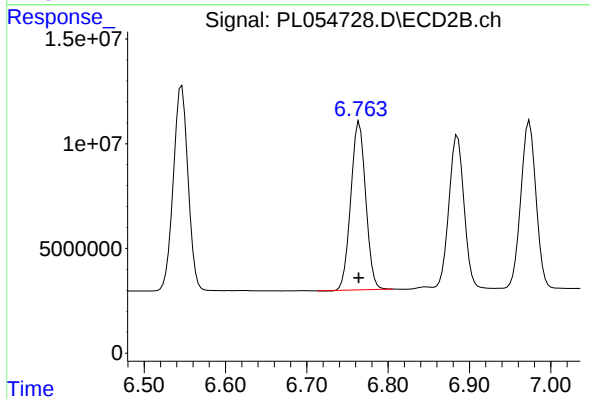
#13 Dieldrin

R.T.: 6.546 min  
Delta R.T.: 0.000 min  
Response: 122370685  
Conc: 48.08 ng/ml



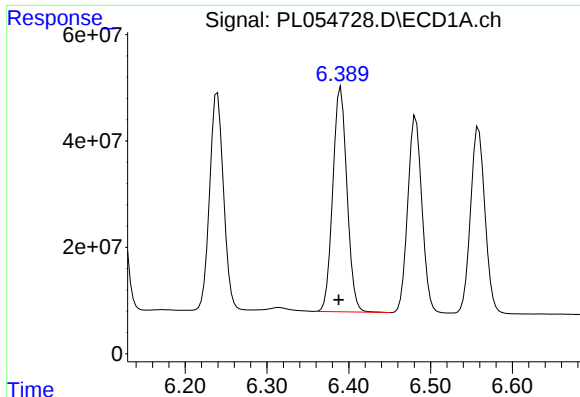
#14 Endrin

R.T.: 6.117 min  
Delta R.T.: 0.003 min  
Response: 562910859  
Conc: 44.21 ng/ml



#14 Endrin

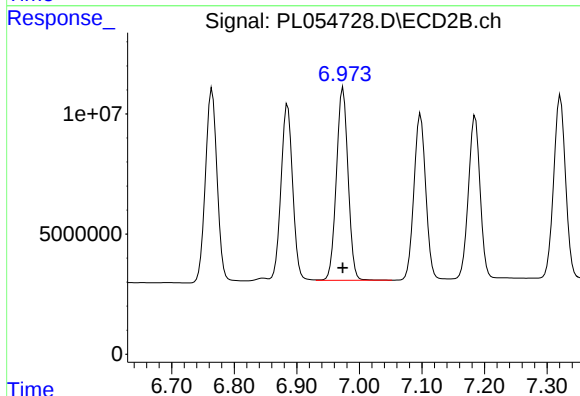
R.T.: 6.765 min  
Delta R.T.: 0.000 min  
Response: 101901494  
Conc: 46.00 ng/ml



#15 Endosulfan II

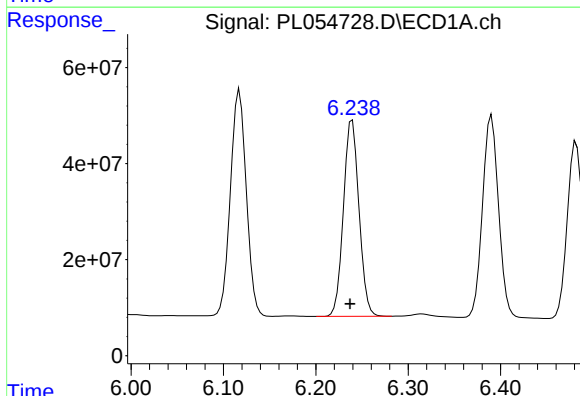
R.T.: 6.390 min  
Delta R.T.: 0.003 min  
Response: 509944812  
Conc: 42.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



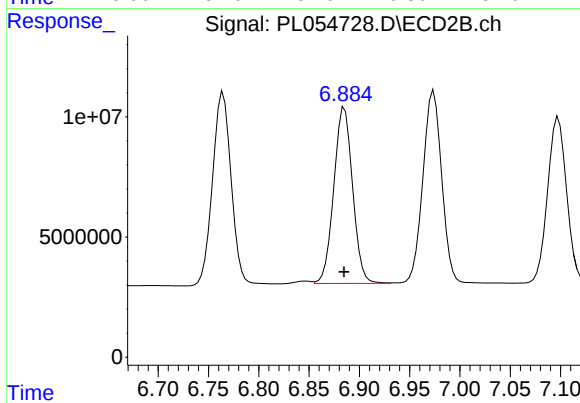
#15 Endosulfan II

R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 104449787  
Conc: 44.43 ng/ml



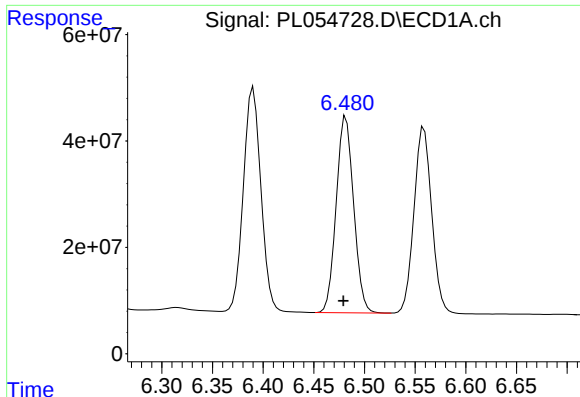
#16 4,4'-DDD

R.T.: 6.239 min  
Delta R.T.: 0.002 min  
Response: 478528871  
Conc: 48.99 ng/ml



#16 4,4'-DDD

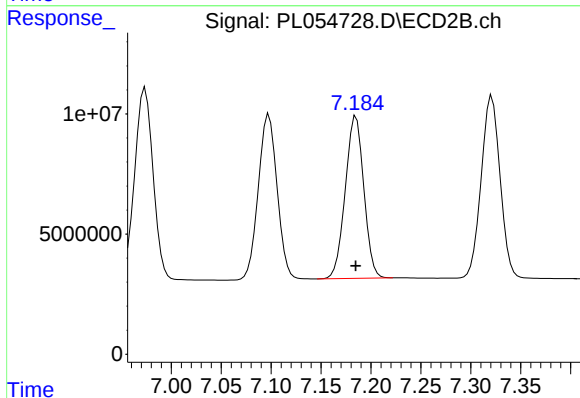
R.T.: 6.885 min  
Delta R.T.: 0.000 min  
Response: 95250445  
Conc: 49.61 ng/ml



#17 4,4'-DDT

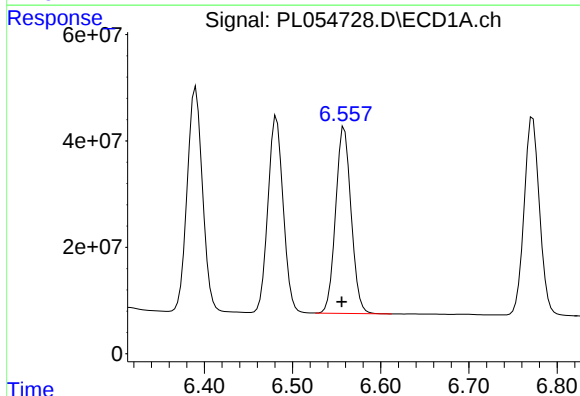
R.T.: 6.482 min  
Delta R.T.: 0.003 min  
Response: 443376018  
Conc: 42.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



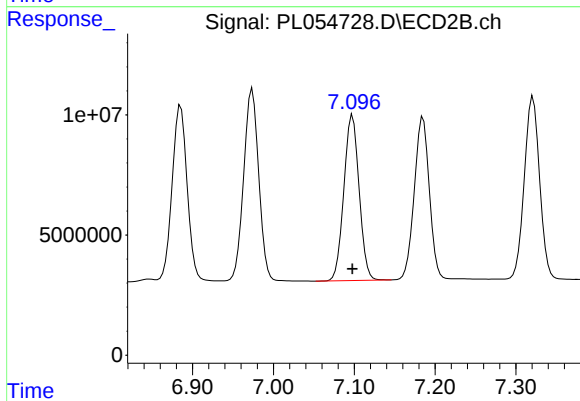
#17 4,4'-DDT

R.T.: 7.185 min  
Delta R.T.: 0.000 min  
Response: 87328883  
Conc: 44.08 ng/ml



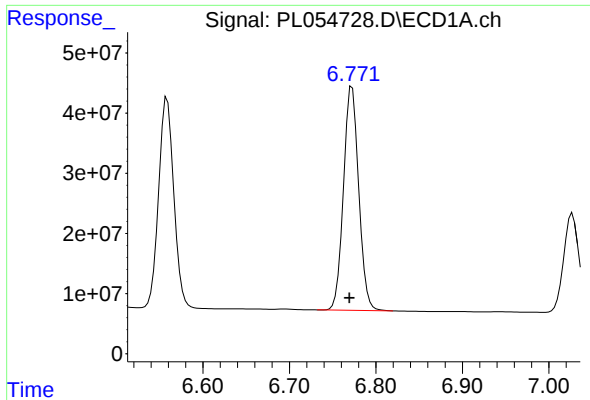
#18 Endrin aldehyde

R.T.: 6.559 min  
Delta R.T.: 0.003 min  
Response: 427553538  
Conc: 43.17 ng/ml



#18 Endrin aldehyde

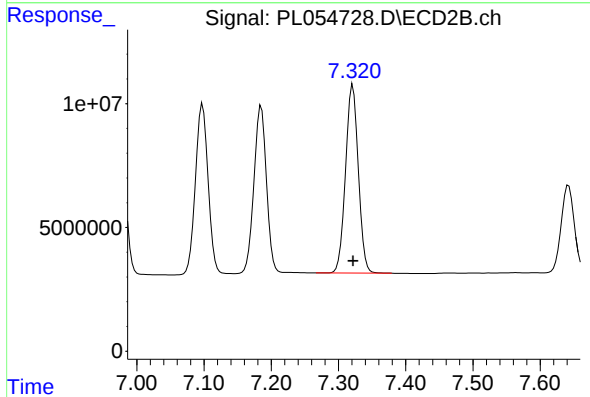
R.T.: 7.098 min  
Delta R.T.: 0.000 min  
Response: 90249816  
Conc: 46.04 ng/ml



#19 Endosulfan Sulfate

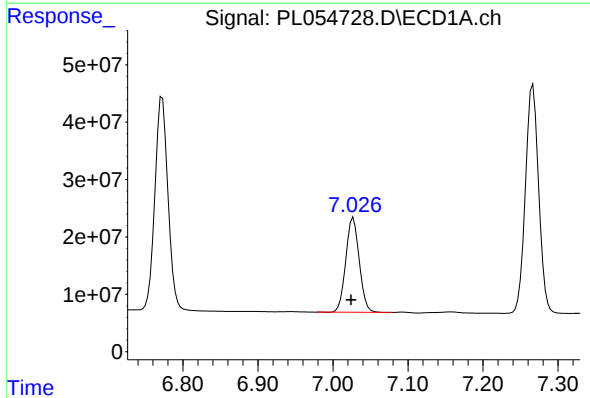
R.T.: 6.772 min  
Delta R.T.: 0.003 min  
Response: 451634199  
Conc: 42.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



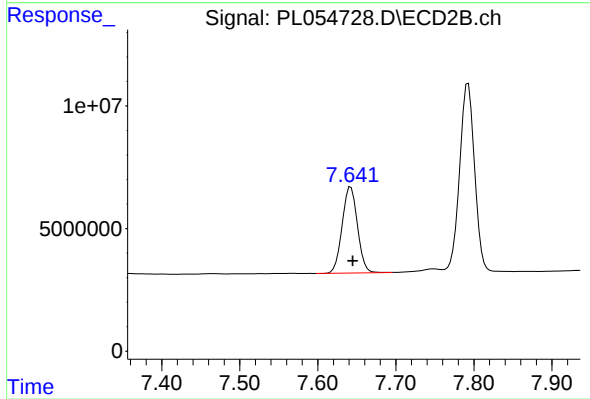
#19 Endosulfan Sulfate

R.T.: 7.321 min  
Delta R.T.: 0.000 min  
Response: 100301886  
Conc: 47.30 ng/ml



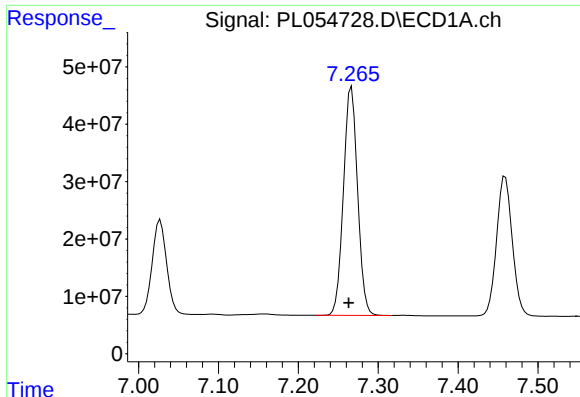
#20 Methoxychlor

R.T.: 7.027 min  
Delta R.T.: 0.003 min  
Response: 205631187  
Conc: 41.03 ng/ml



#20 Methoxychlor

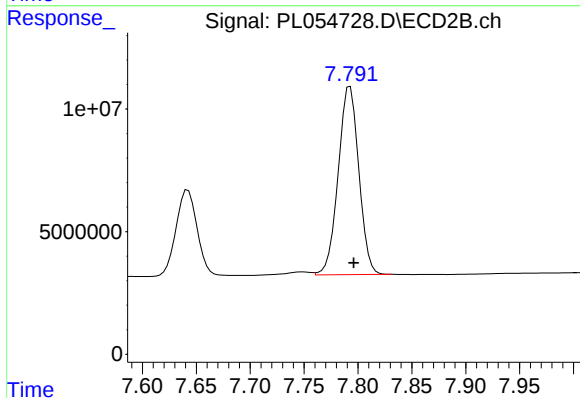
R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 47850394  
Conc: 41.95 ng/ml



#21 Endrin ketone

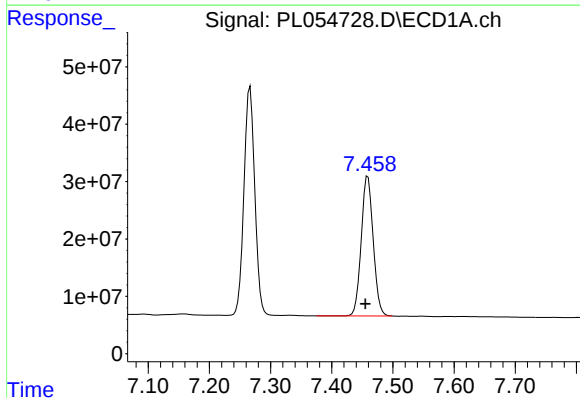
R.T.: 7.267 min  
Delta R.T.: 0.003 min  
Response: 489931070  
Conc: 45.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



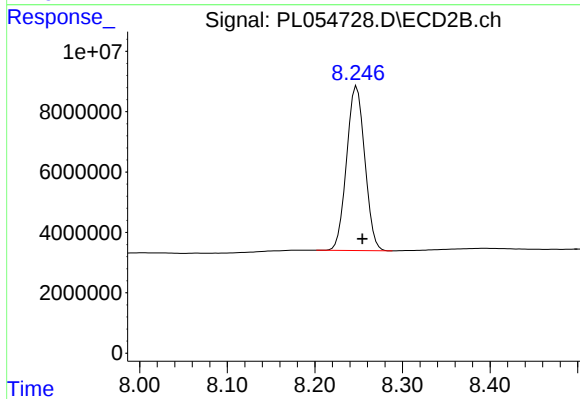
#21 Endrin ketone

R.T.: 7.793 min  
Delta R.T.: -0.004 min  
Response: 102296769  
Conc: 45.45 ng/ml



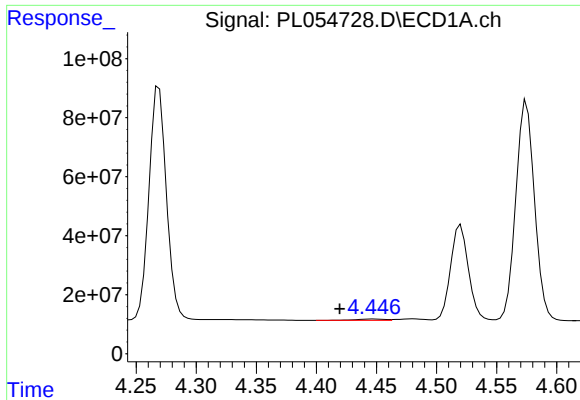
#22 Mirex

R.T.: 7.459 min  
Delta R.T.: 0.004 min  
Response: 331504632  
Conc: 40.83 ng/ml



#22 Mirex

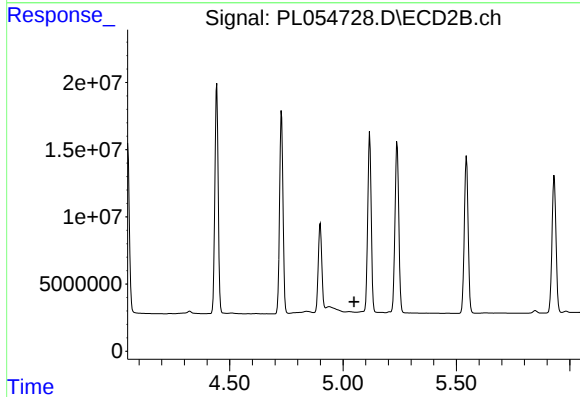
R.T.: 8.248 min  
Delta R.T.: -0.006 min  
Response: 78671007  
Conc: 45.52 ng/ml



#23 Chlordane-1

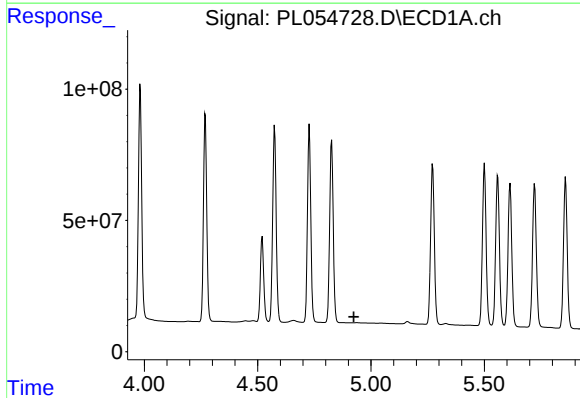
R.T.: 4.447 min  
Delta R.T.: 0.028 min  
Response: 7862452  
Conc: 19.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



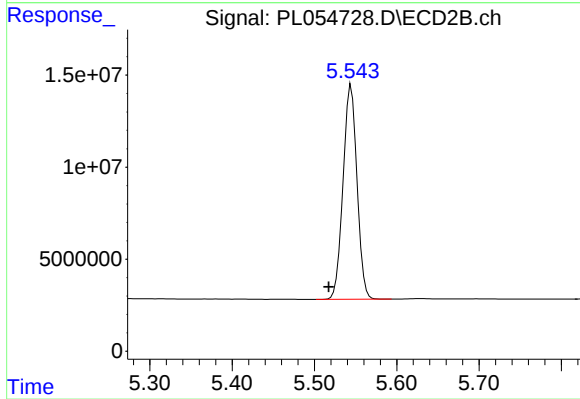
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.049 min  
Response: 0  
Conc: N.D.



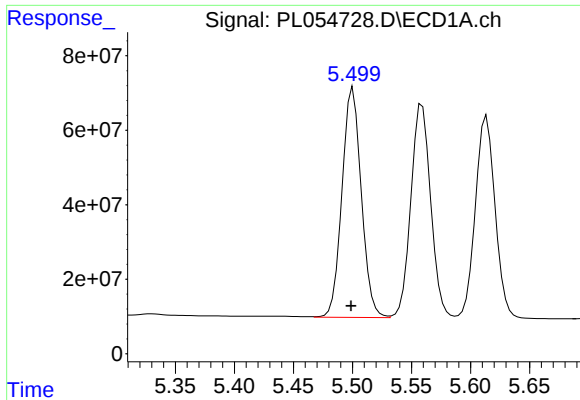
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.924 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

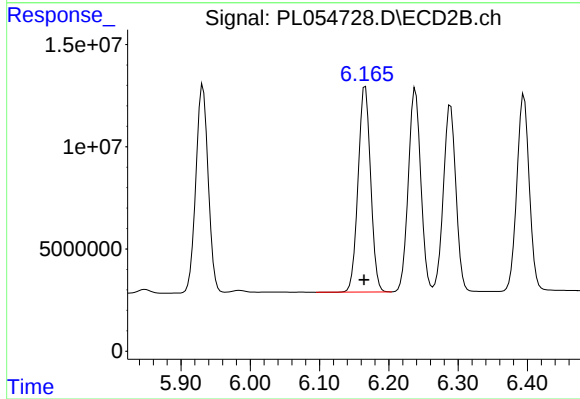
R.T.: 5.545 min  
Delta R.T.: 0.027 min  
Response: 137188219  
Conc: 1530.71 ng/ml



#25 Chlordane-3

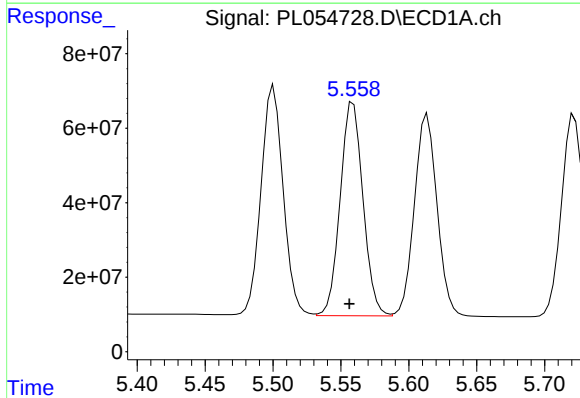
R.T.: 5.501 min  
Delta R.T.: 0.002 min  
Response: 700847240  
Conc: 545.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



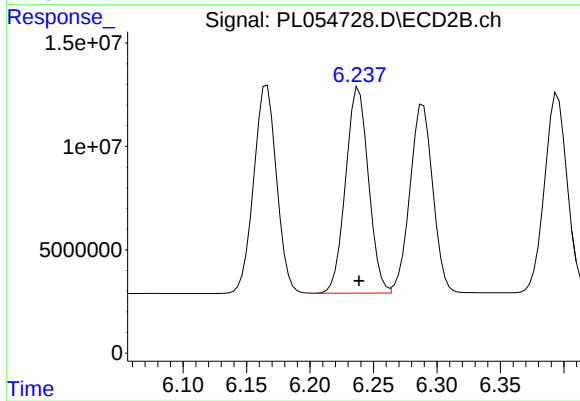
#25 Chlordane-3

R.T.: 6.166 min  
Delta R.T.: 0.002 min  
Response: 126311125  
Conc: 406.93 ng/ml



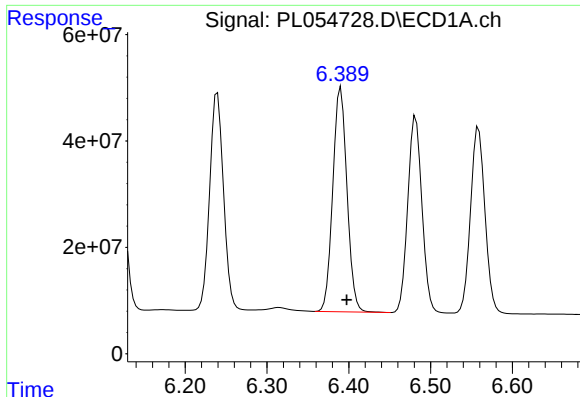
#26 Chlordane-4

R.T.: 5.559 min  
Delta R.T.: 0.003 min  
Response: 671016420  
Conc: 635.26 ng/ml



#26 Chlordane-4

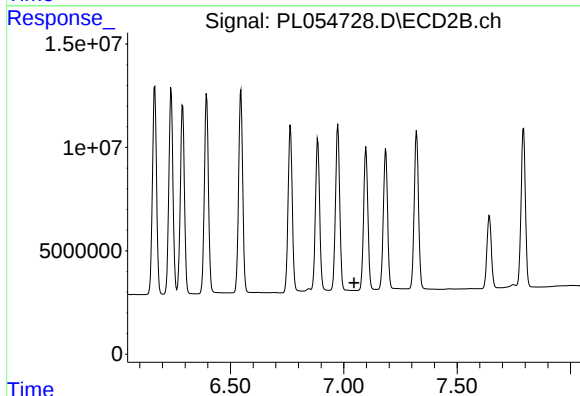
R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 124856814  
Conc: 331.81 ng/ml



#27 Chlordane-5

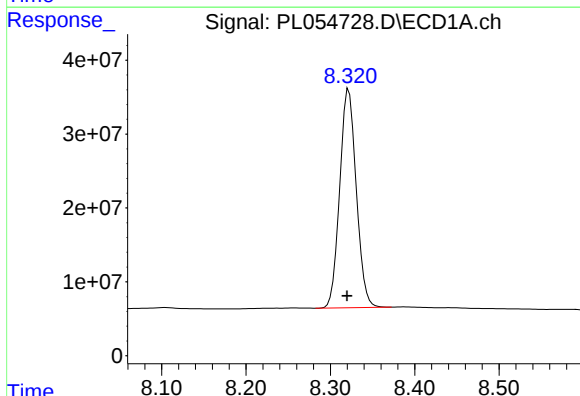
R.T.: 6.390 min  
Delta R.T.: -0.007 min  
Response: 509944812  
Conc: 1354.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



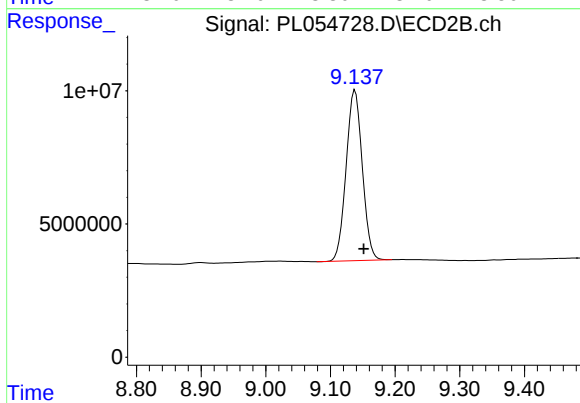
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.045 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.322 min  
Delta R.T.: 0.002 min  
Response: 403888479  
Conc: 42.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.138 min  
Delta R.T.: -0.014 min  
Response: 111469571  
Conc: 46.50 ng/ml