

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112718\  
 Data File : PL042508.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Nov 2018 16:50  
 Operator : AJ\SJ  
 Sample : PB115082BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 28 00:20:09 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.468 | 4.102 | 113.1E6 | 61184835 | 19.228   | 21.273     |
| 28)                         | SA Decachlor... | 8.211 | 9.239 | 111.9E6 | 42464304 | 17.757   | 17.606     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.909 | 4.498 | 488.5E6 | 234.1E6  | 54.135   | 54.676     |
| 3)                          | MA gamma-BHC... | 4.192 | 4.787 | 445.4E6 | 215.8E6  | 54.037   | 54.619     |
| 4)                          | MA Heptachlor   | 4.488 | 5.303 | 448.0E6 | 211.3E6  | 51.484   | 53.855     |
| 5)                          | MB Aldrin       | 4.734 | 5.612 | 439.0E6 | 213.0E6  | 54.065   | 55.464     |
| 6)                          | B beta-BHC      | 4.446 | 4.956 | 185.8E6 | 88323891 | 52.444   | 55.982     |
| 7)                          | B delta-BHC     | 4.648 | 5.177 | 382.8E6 | 186.7E6  | 49.985   | 50.738     |
| 8)                          | B Heptachlo...  | 5.178 | 6.001 | 404.5E6 | 187.8E6  | 53.374   | 52.376     |
| 9)                          | A Endosulfan I  | 5.516 | 6.361 | 366.9E6 | 171.8E6  | 53.011   | 54.398     |
| 10)                         | B gamma-Chl...  | 5.404 | 6.236 | 404.7E6 | 186.8E6  | 53.082   | 54.868     |
| 11)                         | B alpha-Chl...  | 5.461 | 6.310 | 394.3E6 | 181.7E6  | 52.532   | 54.348     |
| 12)                         | B 4,4'-DDE      | 5.628 | 6.464 | 356.5E6 | 183.2E6  | 54.468   | 55.047     |
| 13)                         | MA Dieldrin     | 5.758 | 6.620 | 389.9E6 | 178.0E6  | 52.994   | 53.480     |
| 14)                         | MA Endrin       | 6.015 | 6.840 | 335.4E6 | 140.1E6  | 51.287   | 50.862     |
| 15)                         | B Endosulfa...  | 6.291 | 7.048 | 326.2E6 | 147.5E6  | 52.182   | 53.419     |
| 16)                         | A 4,4'-DDD      | 6.144 | 6.956 | 301.8E6 | 152.6E6  | 56.991   | 57.978     |
| 17)                         | MA 4,4'-DDT     | 6.382 | 7.257 | 271.8E6 | 123.3E6  | 48.831   | 46.690     |
| 18)                         | B Endrin al...  | 6.458 | 7.172 | 272.3E6 | 121.7E6  | 52.387   | 53.087     |
| 19)                         | B Endosulfa...  | 6.671 | 7.396 | 320.5E6 | 138.0E6  | 51.365   | 49.620     |
| 20)                         | A Methoxychlor  | 6.929 | 7.714 | 154.5E6 | 62699279 | 48.992   | 45.986     |
| 21)                         | B Endrin ke...  | 7.161 | 7.871 | 353.4E6 | 139.3E6  | 51.033   | 50.409     |
| 23)                         | Chlordane-1     | 4.367 | 5.177 | 1174275 | 186.7E6  | 4.247    | 1404.657 # |
| 24)                         | Chlordane-2     | 0.000 | 5.612 | 0       | 213.0E6  | N.D.     | 1527.528 # |
| 25)                         | Chlordane-3     | 5.404 | 6.236 | 404.7E6 | 186.8E6  | 461.707  | 397.493    |
| 26)                         | Chlordane-4     | 5.461 | 6.310 | 394.3E6 | 181.7E6  | 519.613  | 332.135 #  |
| 27)                         | Chlordane-5     | 6.291 | 7.172 | 326.2E6 | 121.7E6  | 1094.618 | 1265.210   |
| -----                       |                 |       |       |         |          |          |            |

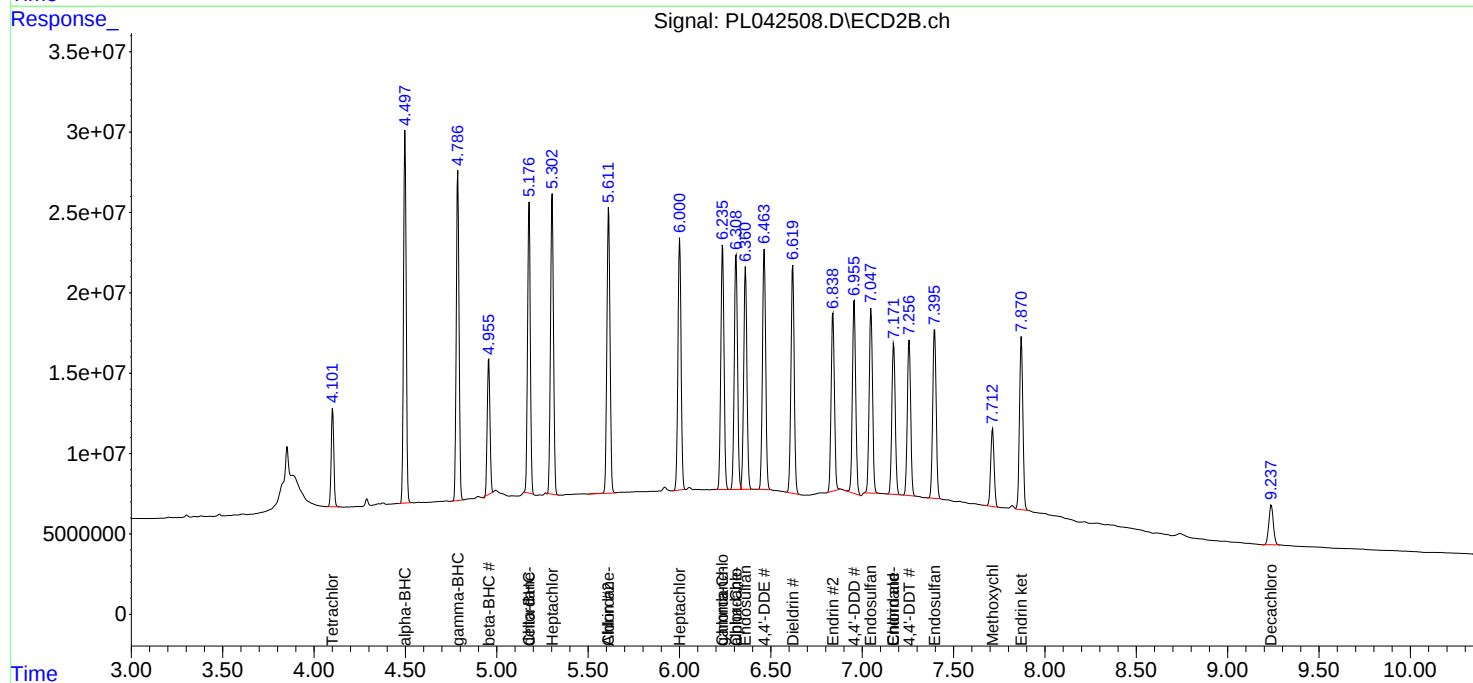
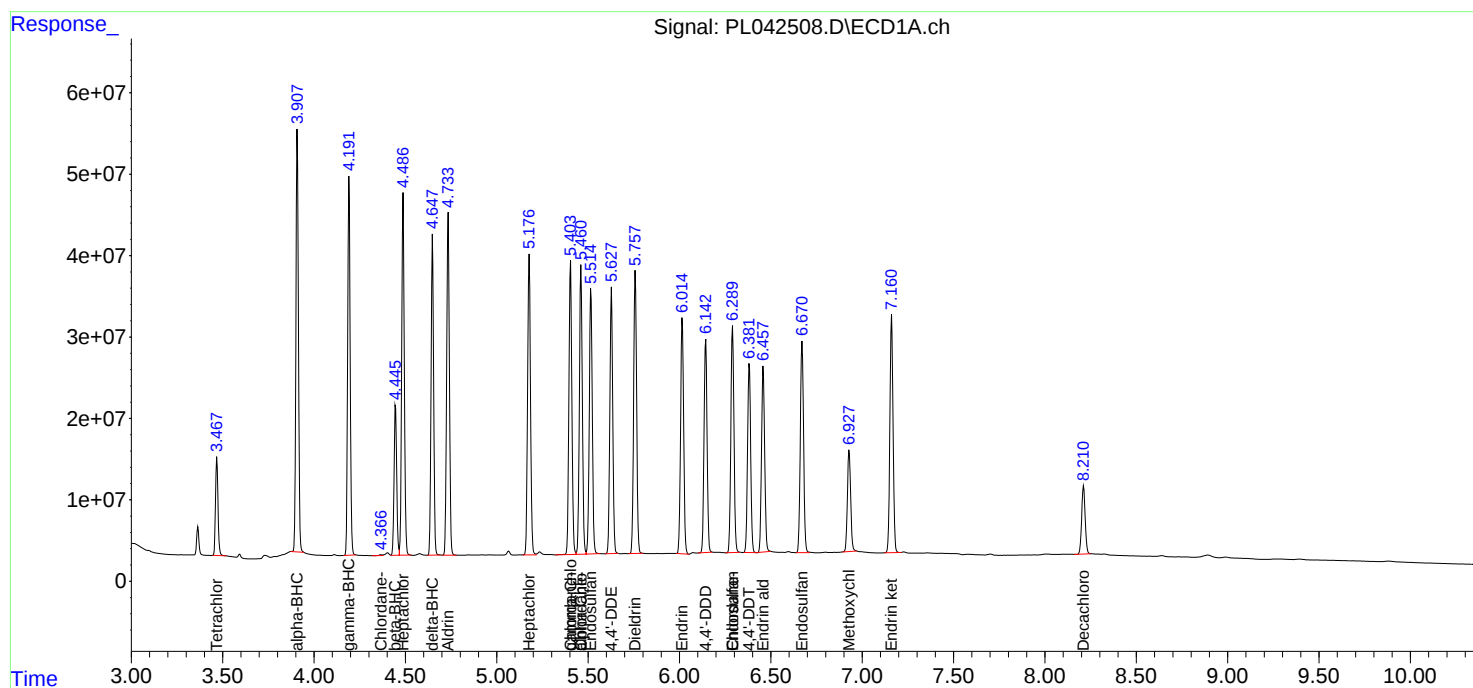
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

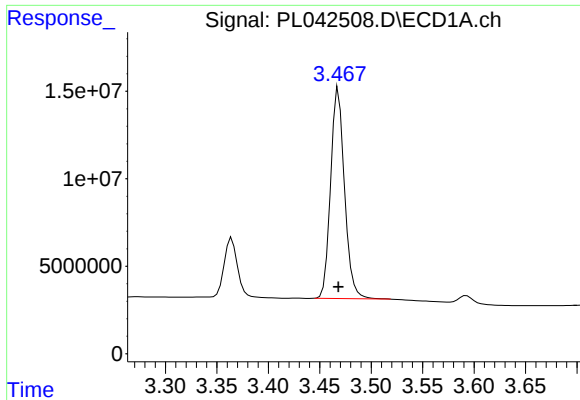
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112718\  
Data File : PL042508.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Nov 2018 16:50  
Operator : AJ\SJ  
Sample : PB115082BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 28 00:20:09 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

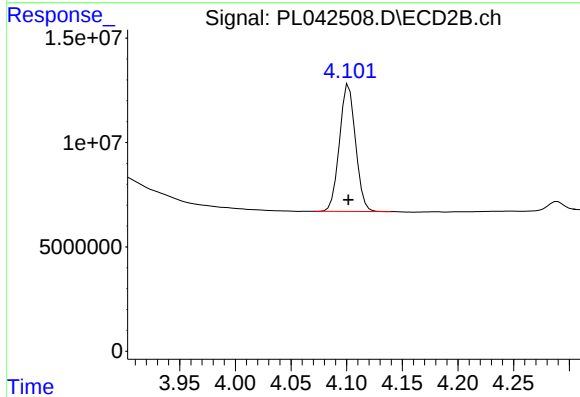




#1 Tetrachloro-m-xylene

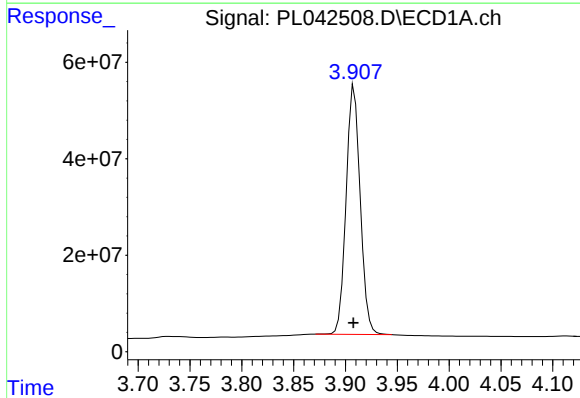
R.T.: 3.468 min  
Delta R.T.: 0.000 min  
Response: 113125074  
Conc: 19.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



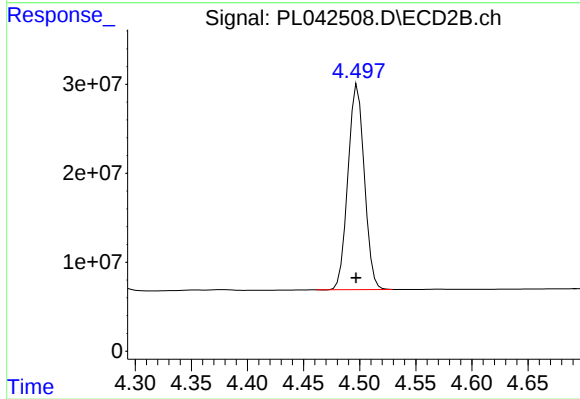
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 61184835  
Conc: 21.27 ng/ml



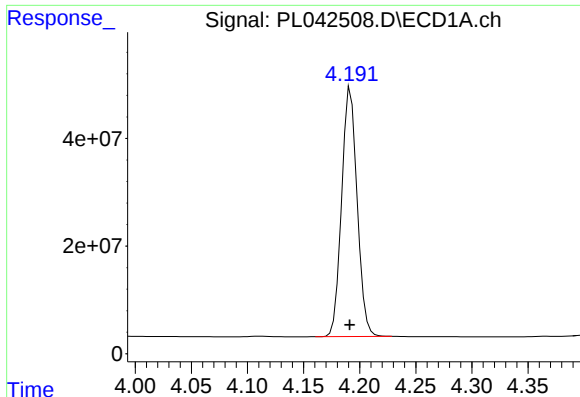
#2 alpha-BHC

R.T.: 3.909 min  
Delta R.T.: 0.000 min  
Response: 488474751  
Conc: 54.13 ng/ml



#2 alpha-BHC

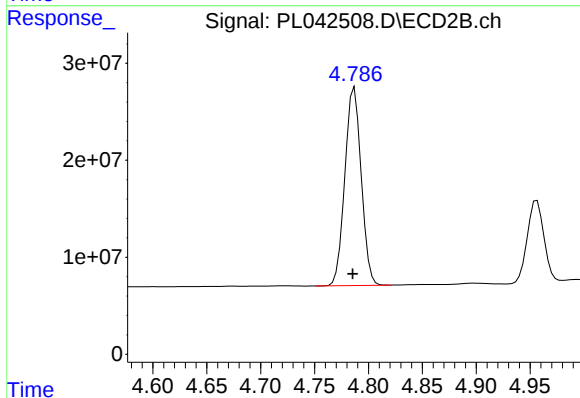
R.T.: 4.498 min  
Delta R.T.: 0.001 min  
Response: 234149253  
Conc: 54.68 ng/ml



#3 gamma-BHC (Lindane)

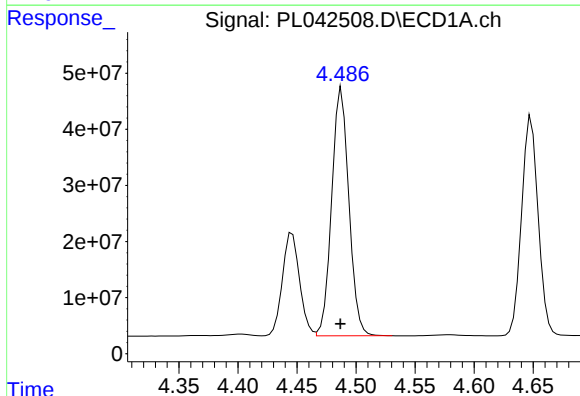
R.T.: 4.192 min  
Delta R.T.: 0.000 min  
Response: 445371967  
Conc: 54.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



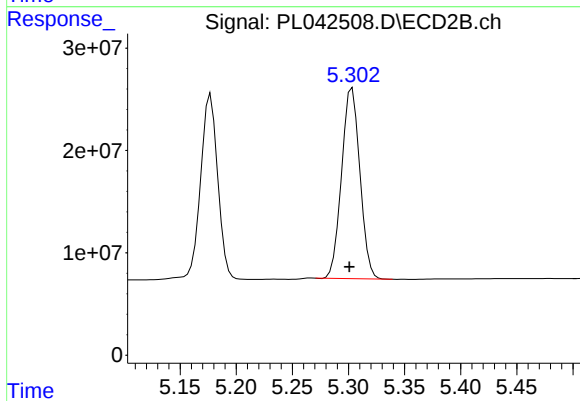
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.002 min  
Response: 215832074  
Conc: 54.62 ng/ml



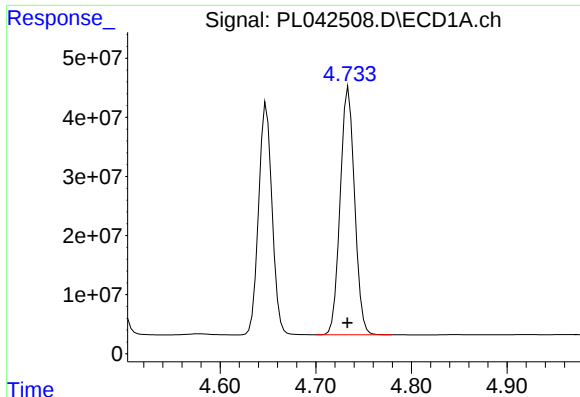
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: 0.001 min  
Response: 447981171  
Conc: 51.48 ng/ml



#4 Heptachlor

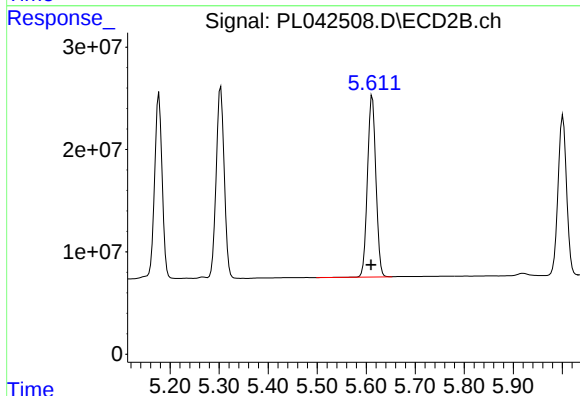
R.T.: 5.303 min  
Delta R.T.: 0.002 min  
Response: 211264358  
Conc: 53.86 ng/ml



#5 Aldrin

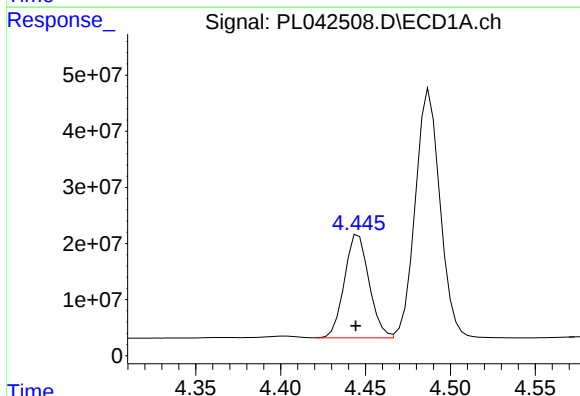
R.T.: 4.734 min  
Delta R.T.: 0.001 min  
Response: 438950511  
Conc: 54.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



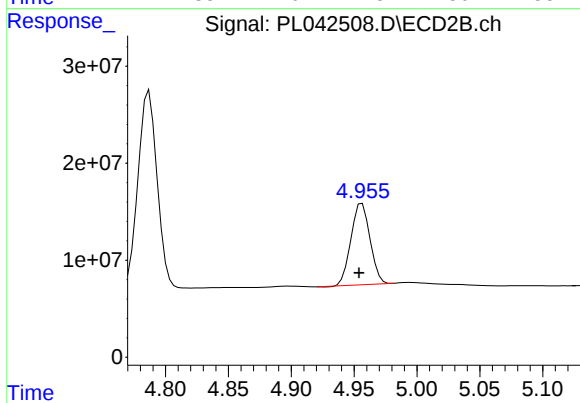
#5 Aldrin

R.T.: 5.612 min  
Delta R.T.: 0.002 min  
Response: 213004751  
Conc: 55.46 ng/ml



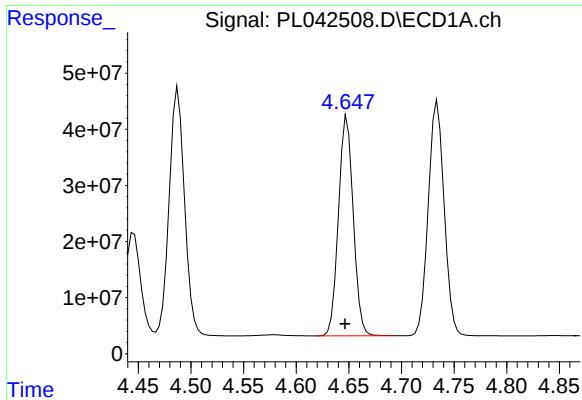
#6 beta-BHC

R.T.: 4.446 min  
Delta R.T.: 0.002 min  
Response: 185794746  
Conc: 52.44 ng/ml



#6 beta-BHC

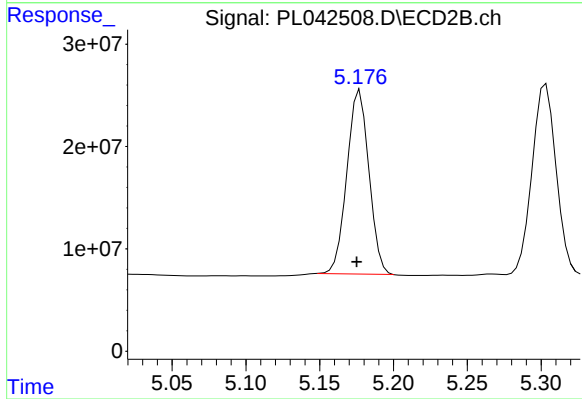
R.T.: 4.956 min  
Delta R.T.: 0.002 min  
Response: 88323891  
Conc: 55.98 ng/ml



#7 delta-BHC

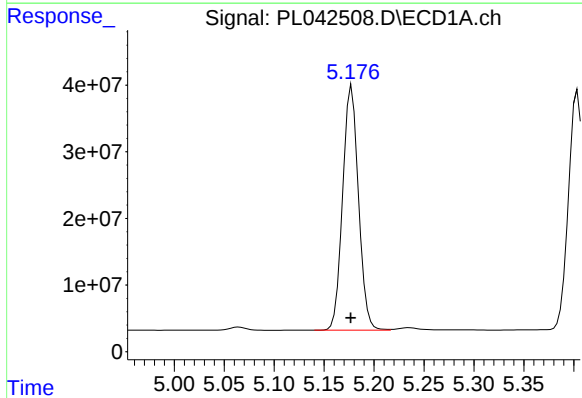
R.T.: 4.648 min  
Delta R.T.: 0.002 min  
Response: 382781126  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



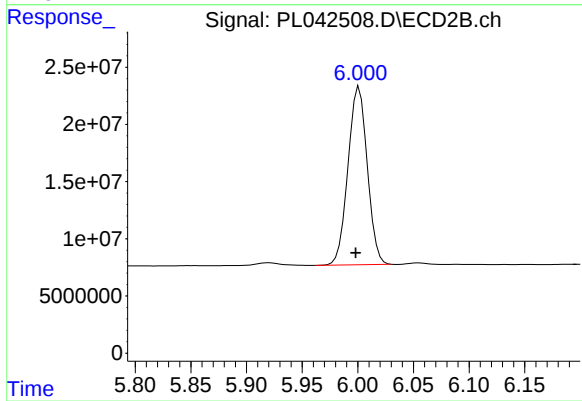
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: 0.002 min  
Response: 186724395  
Conc: 50.74 ng/ml



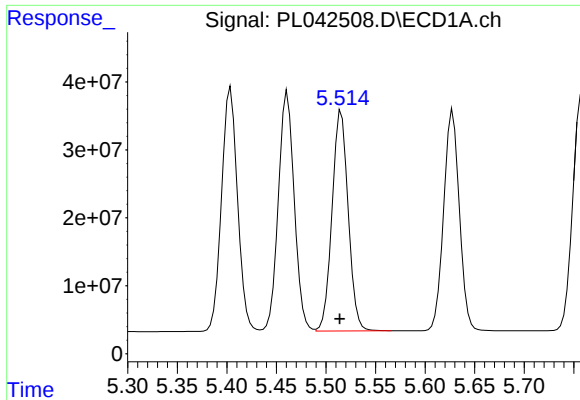
#8 Heptachlor epoxide

R.T.: 5.178 min  
Delta R.T.: 0.001 min  
Response: 404548776  
Conc: 53.37 ng/ml



#8 Heptachlor epoxide

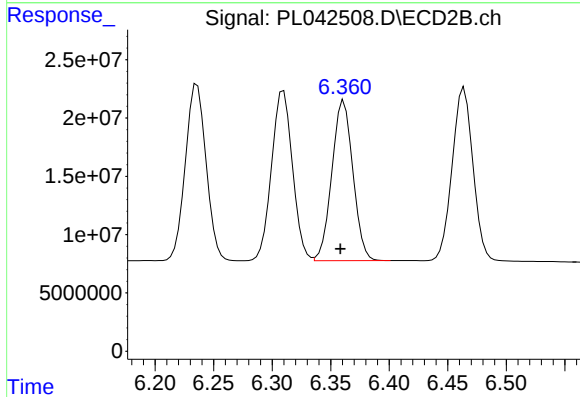
R.T.: 6.001 min  
Delta R.T.: 0.003 min  
Response: 187798151  
Conc: 52.38 ng/ml



#9 Endosulfan I

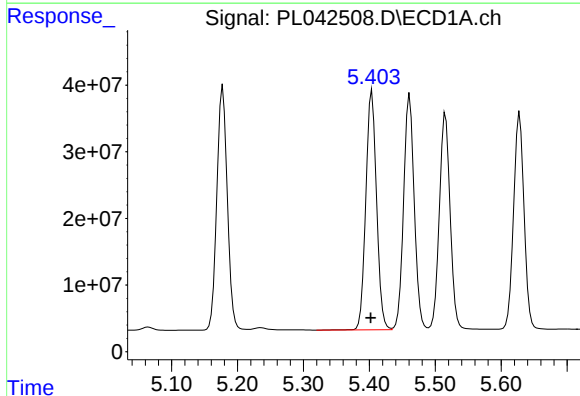
R.T.: 5.516 min  
Delta R.T.: 0.002 min  
Response: 366852046  
Conc: 53.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



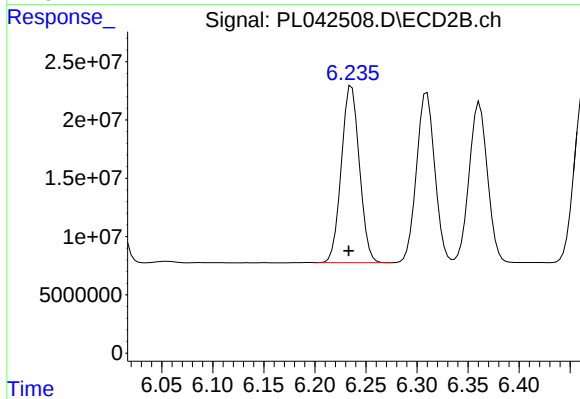
#9 Endosulfan I

R.T.: 6.361 min  
Delta R.T.: 0.003 min  
Response: 171791570  
Conc: 54.40 ng/ml



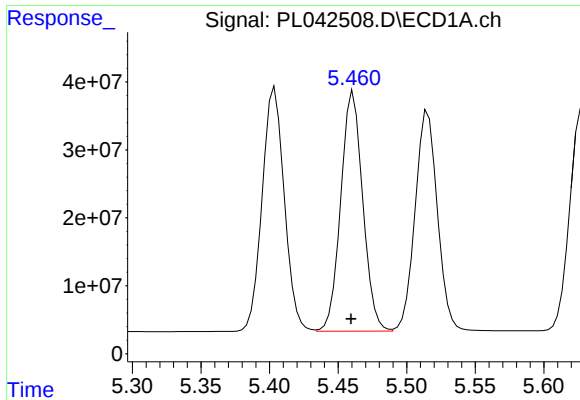
#10 gamma-Chlordane

R.T.: 5.404 min  
Delta R.T.: 0.002 min  
Response: 404727313  
Conc: 53.08 ng/ml



#10 gamma-Chlordane

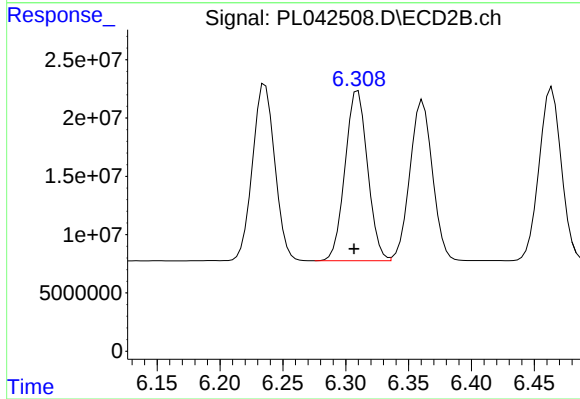
R.T.: 6.236 min  
Delta R.T.: 0.003 min  
Response: 186792253  
Conc: 54.87 ng/ml



#11 alpha-Chlordane

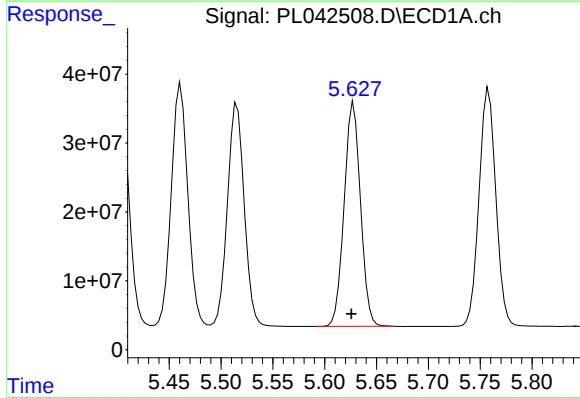
R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 394344829  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



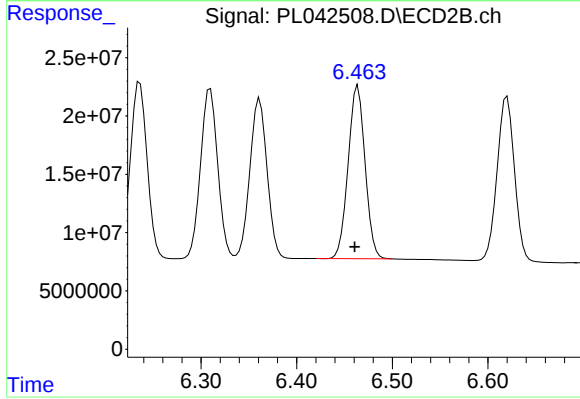
#11 alpha-Chlordane

R.T.: 6.310 min  
Delta R.T.: 0.003 min  
Response: 181729369  
Conc: 54.35 ng/ml



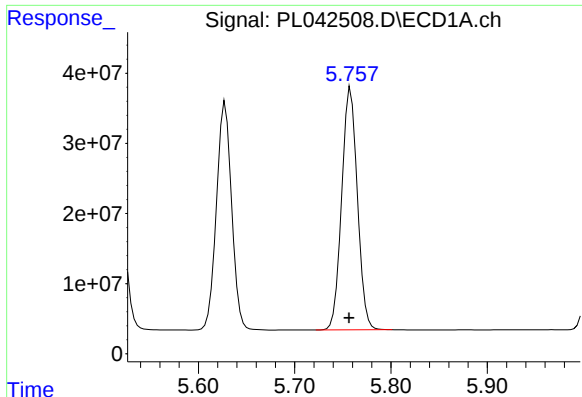
#12 4,4'-DDE

R.T.: 5.628 min  
Delta R.T.: 0.002 min  
Response: 356499893  
Conc: 54.47 ng/ml



#12 4,4'-DDE

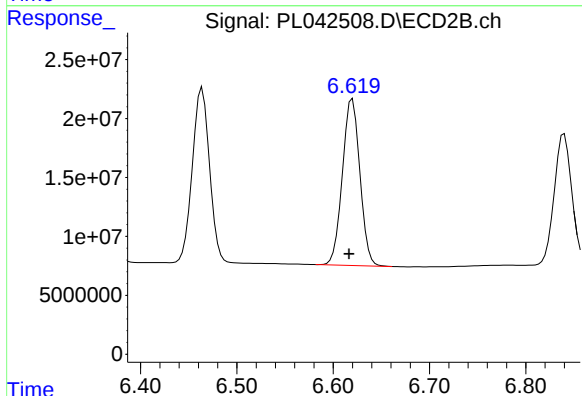
R.T.: 6.464 min  
Delta R.T.: 0.003 min  
Response: 183206290  
Conc: 55.05 ng/ml



#13 Dieldrin

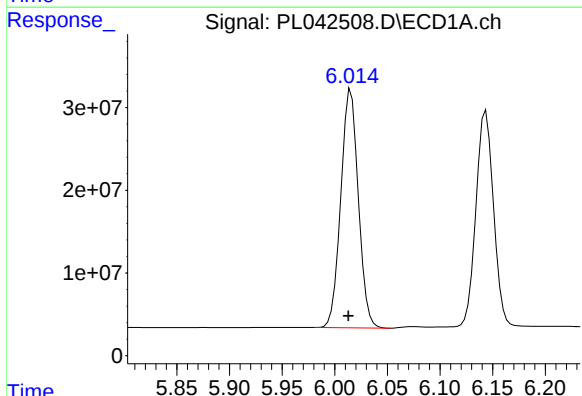
R.T.: 5.758 min  
Delta R.T.: 0.002 min  
Response: 389867777  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



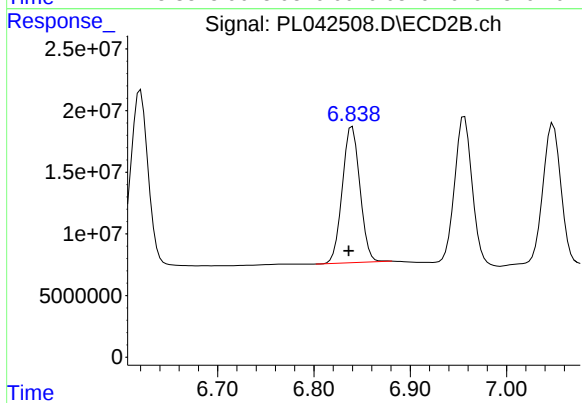
#13 Dieldrin

R.T.: 6.620 min  
Delta R.T.: 0.003 min  
Response: 178011008  
Conc: 53.48 ng/ml



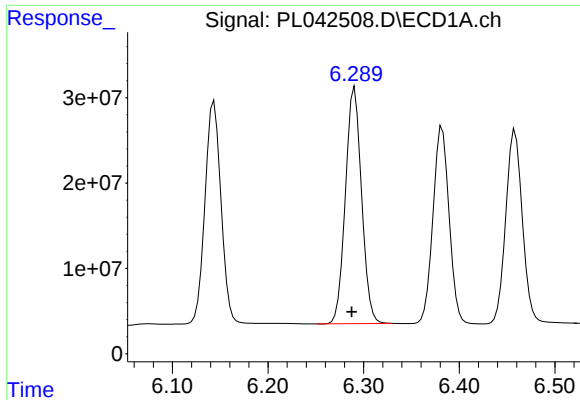
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.002 min  
Response: 335432454  
Conc: 51.29 ng/ml



#14 Endrin

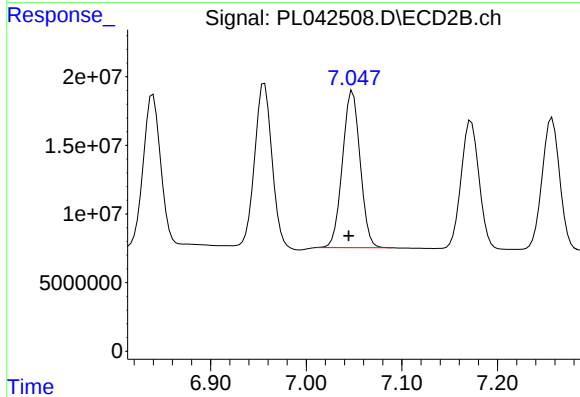
R.T.: 6.840 min  
Delta R.T.: 0.004 min  
Response: 140100606  
Conc: 50.86 ng/ml



#15 Endosulfan II

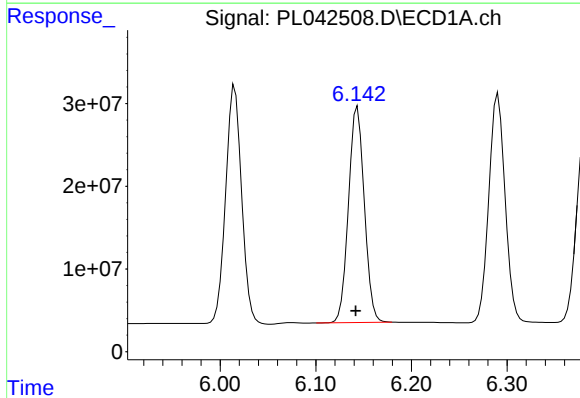
R.T.: 6.291 min  
Delta R.T.: 0.003 min  
Response: 326165583  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



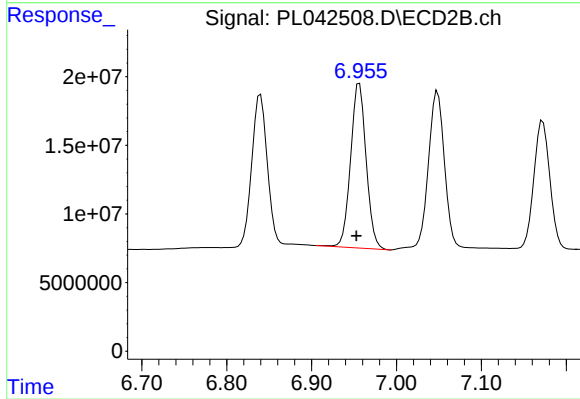
#15 Endosulfan II

R.T.: 7.048 min  
Delta R.T.: 0.004 min  
Response: 147528815  
Conc: 53.42 ng/ml



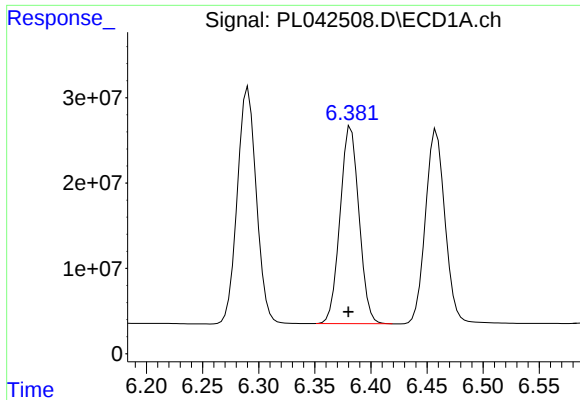
#16 4,4'-DDD

R.T.: 6.144 min  
Delta R.T.: 0.002 min  
Response: 301758703  
Conc: 56.99 ng/ml



#16 4,4'-DDD

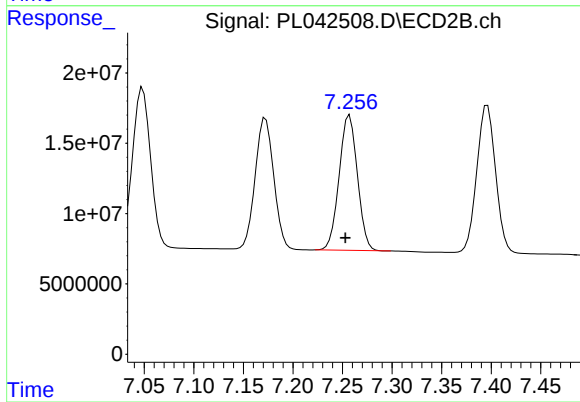
R.T.: 6.956 min  
Delta R.T.: 0.004 min  
Response: 152605822  
Conc: 57.98 ng/ml



#17 4,4'-DDT

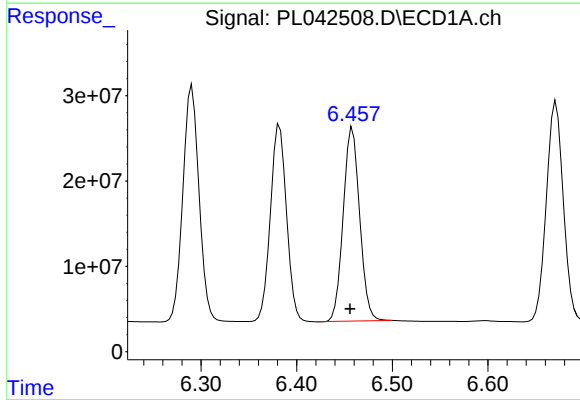
R.T.: 6.382 min  
Delta R.T.: 0.002 min  
Response: 271834341  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



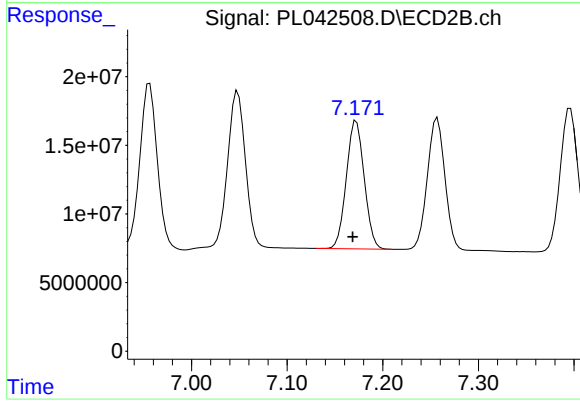
#17 4,4'-DDT

R.T.: 7.257 min  
Delta R.T.: 0.004 min  
Response: 123290377  
Conc: 46.69 ng/ml



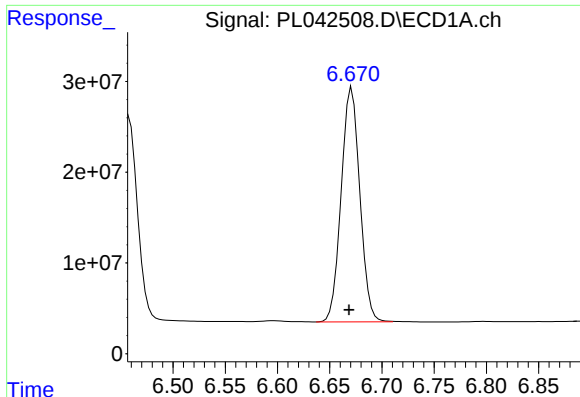
#18 Endrin aldehyde

R.T.: 6.458 min  
Delta R.T.: 0.002 min  
Response: 272344152  
Conc: 52.39 ng/ml



#18 Endrin aldehyde

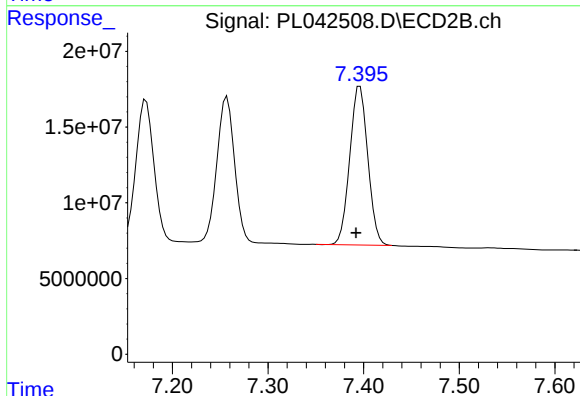
R.T.: 7.172 min  
Delta R.T.: 0.004 min  
Response: 121707376  
Conc: 53.09 ng/ml



#19 Endosulfan Sulfate

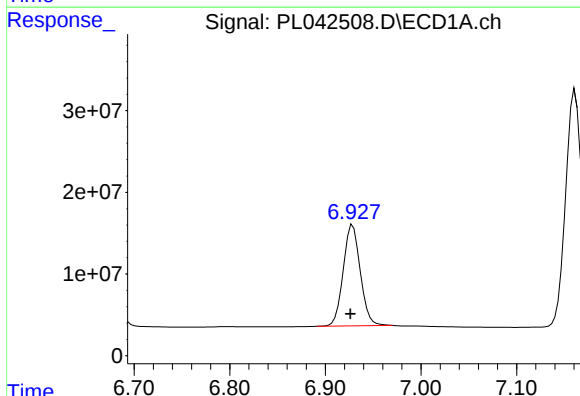
R.T.: 6.671 min  
Delta R.T.: 0.002 min  
Response: 320486178  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



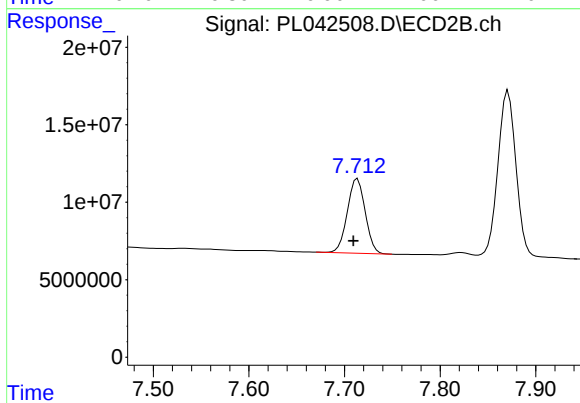
#19 Endosulfan Sulfate

R.T.: 7.396 min  
Delta R.T.: 0.004 min  
Response: 137995589  
Conc: 49.62 ng/ml



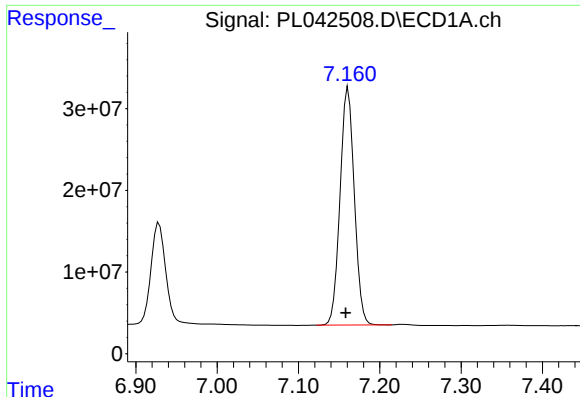
#20 Methoxychlor

R.T.: 6.929 min  
Delta R.T.: 0.002 min  
Response: 154511212  
Conc: 48.99 ng/ml



#20 Methoxychlor

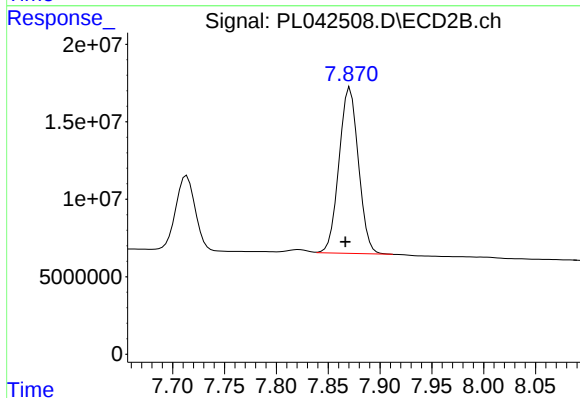
R.T.: 7.714 min  
Delta R.T.: 0.005 min  
Response: 62699279  
Conc: 45.99 ng/ml



#21 Endrin ketone

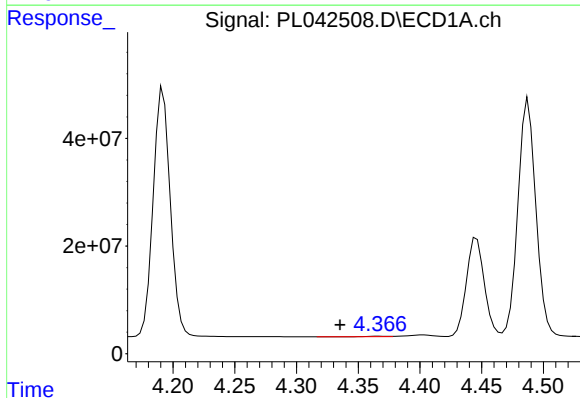
R.T.: 7.161 min  
Delta R.T.: 0.003 min  
Response: 353370588  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



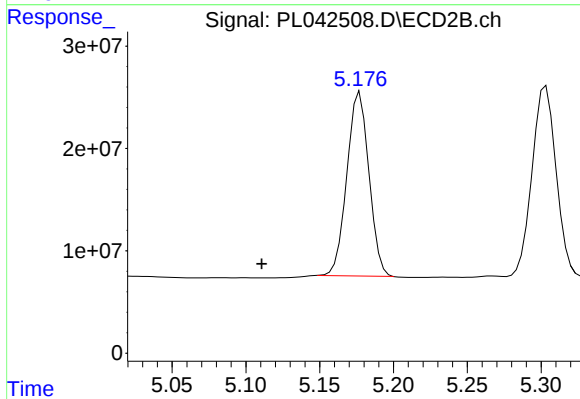
#21 Endrin ketone

R.T.: 7.871 min  
Delta R.T.: 0.005 min  
Response: 139327686  
Conc: 50.41 ng/ml



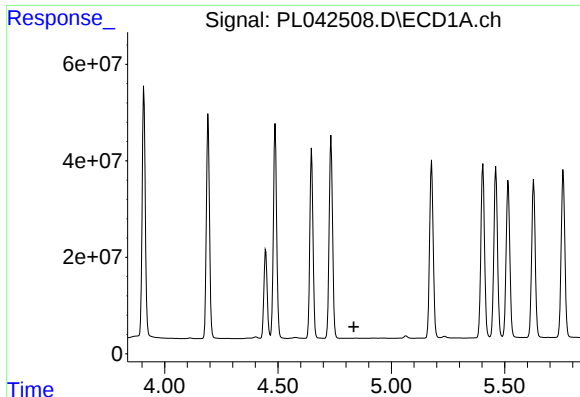
#23 Chlordane-1

R.T.: 4.367 min  
Delta R.T.: 0.032 min  
Response: 1174275  
Conc: 4.25 ng/ml



#23 Chlordane-1

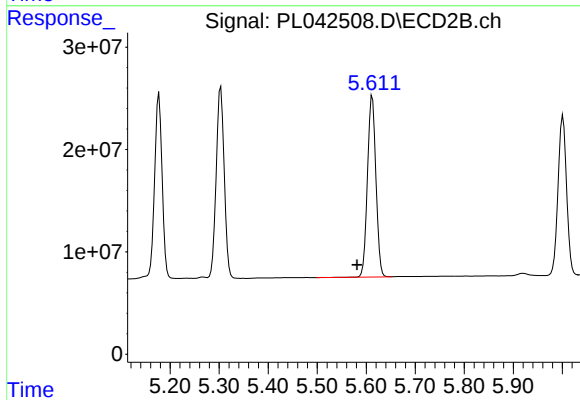
R.T.: 5.177 min  
Delta R.T.: 0.066 min  
Response: 186724395  
Conc: 1404.66 ng/ml



#24 Chlordane-2

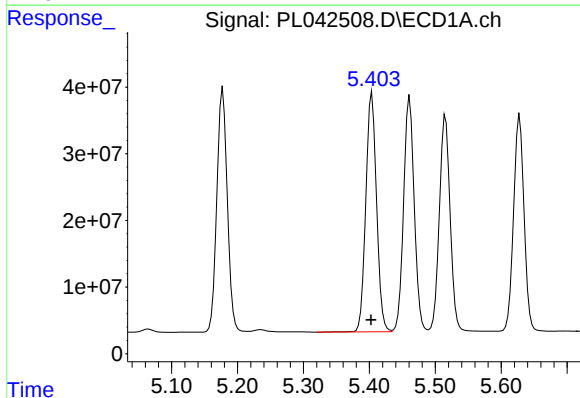
R.T.: 0.000 min  
Exp R.T.: 4.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



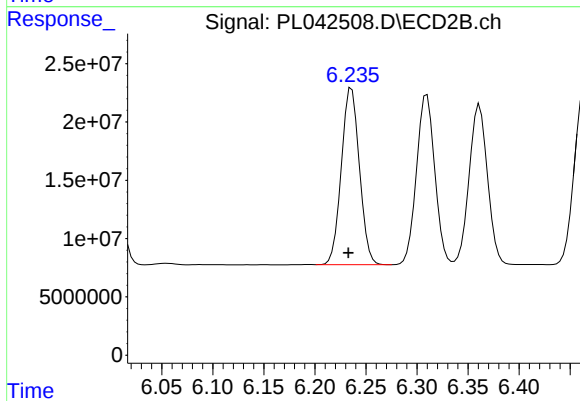
#24 Chlordane-2

R.T.: 5.612 min  
Delta R.T.: 0.031 min  
Response: 213004751  
Conc: 1527.53 ng/ml



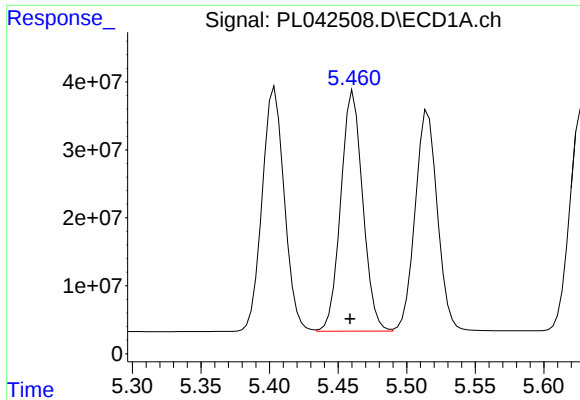
#25 Chlordane-3

R.T.: 5.404 min  
Delta R.T.: 0.002 min  
Response: 404727313  
Conc: 461.71 ng/ml



#25 Chlordane-3

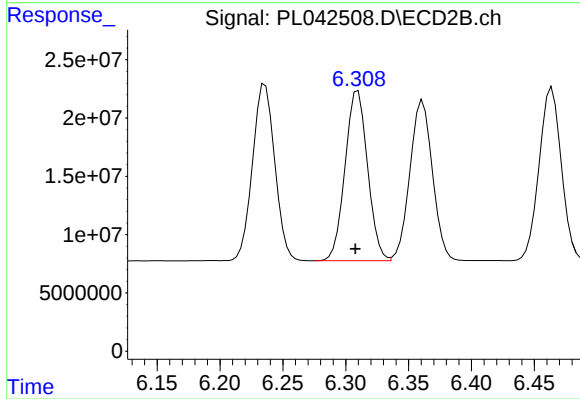
R.T.: 6.236 min  
Delta R.T.: 0.003 min  
Response: 186792253  
Conc: 397.49 ng/ml



#26 Chlordane-4

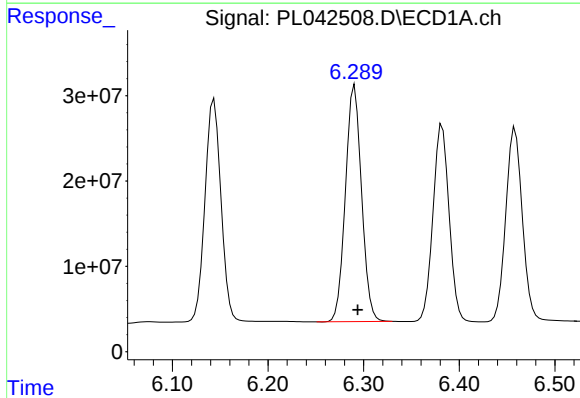
R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 394344829  
Conc: 519.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



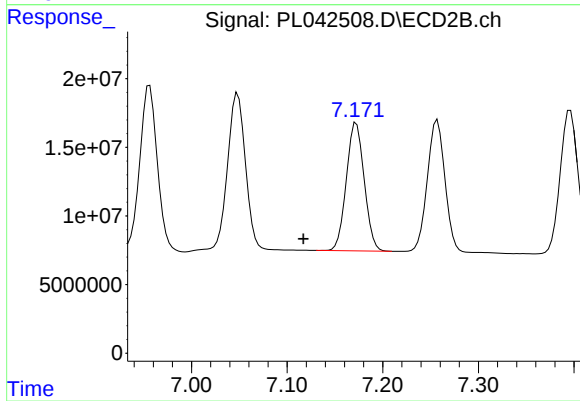
#26 Chlordane-4

R.T.: 6.310 min  
Delta R.T.: 0.002 min  
Response: 181729369  
Conc: 332.13 ng/ml



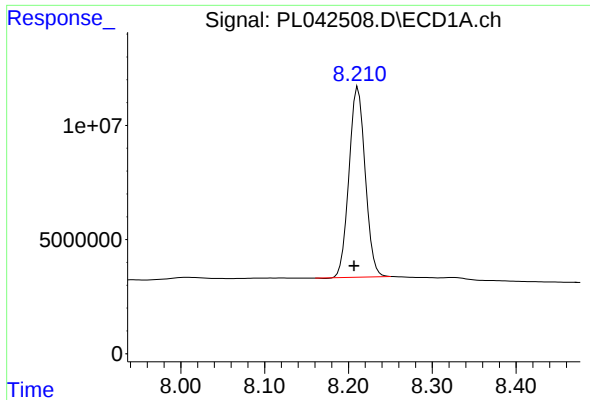
#27 Chlordane-5

R.T.: 6.291 min  
Delta R.T.: -0.003 min  
Response: 326165583  
Conc: 1094.62 ng/ml



#27 Chlordane-5

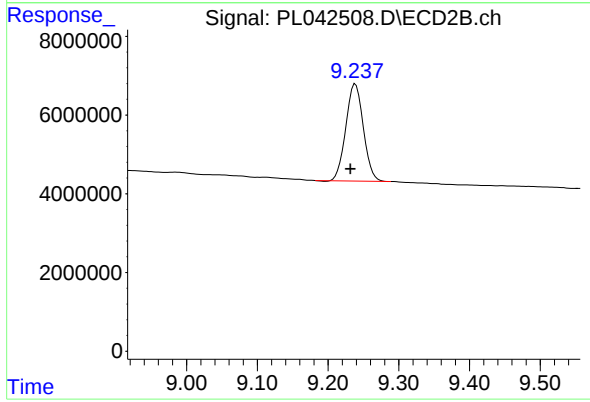
R.T.: 7.172 min  
Delta R.T.: 0.055 min  
Response: 121707376  
Conc: 1265.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.211 min  
Delta R.T.: 0.005 min  
Response: 111908875  
Conc: 17.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.239 min  
Delta R.T.: 0.007 min  
Response: 42464304  
Conc: 17.61 ng/ml