

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101518\  
 Data File : PL041015.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2018 18:49  
 Operator : AJ\SJ  
 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 16 00:34:41 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 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... | 3.478 | 4.105 | 270.1E6 | 137.2E6  | 49.285   | 49.192     |
| 28)                         | SA Decachlor... | 8.228 | 9.235 | 225.8E6 | 106.2E6  | 43.432   | 41.065     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.919 | 4.500 | 402.1E6 | 193.1E6  | 50.750   | 49.896     |
| 3)                          | MA gamma-BHC... | 4.203 | 4.788 | 367.7E6 | 179.9E6  | 50.360   | 50.517     |
| 4)                          | MA Heptachlor   | 4.501 | 5.305 | 363.1E6 | 166.1E6  | 49.268   | 49.083     |
| 5)                          | MB Aldrin       | 4.748 | 5.614 | 339.2E6 | 148.5E6  | 49.410   | 49.205     |
| 6)                          | B beta-BHC      | 4.455 | 4.956 | 153.9E6 | 80506954 | 48.492   | 50.232     |
| 7)                          | B delta-BHC     | 4.658 | 5.177 | 341.3E6 | 165.8E6  | 51.213   | 50.524     |
| 8)                          | B Heptachlo...  | 5.192 | 6.002 | 312.8E6 | 141.9E6  | 47.687   | 49.478     |
| 9)                          | A Endosulfan I  | 5.530 | 6.362 | 285.9E6 | 116.5E6  | 47.718   | 45.490     |
| 10)                         | B gamma-Chl...  | 5.418 | 6.237 | 305.1E6 | 130.6E6  | 46.399   | 46.574     |
| 11)                         | B alpha-Chl...  | 5.476 | 6.311 | 305.8E6 | 126.7E6  | 47.002   | 45.656     |
| 12)                         | B 4,4'-DDE      | 5.642 | 6.464 | 280.0E6 | 120.6E6  | 49.258   | 45.573     |
| 13)                         | MA Dieldrin     | 5.773 | 6.620 | 301.4E6 | 121.6E6  | 47.668   | 45.669     |
| 14)                         | MA Endrin       | 6.030 | 6.839 | 264.9E6 | 94784201 | 46.114   | 42.463     |
| 15)                         | B Endosulfa...  | 6.304 | 7.047 | 256.7E6 | 107.0E6  | 45.793   | 45.067     |
| 16)                         | A 4,4'-DDD      | 6.158 | 6.956 | 226.0E6 | 96054084 | 50.031   | 45.855     |
| 17)                         | MA 4,4'-DDT     | 6.398 | 7.256 | 198.0E6 | 85836687 | 43.466   | 41.265     |
| 18)                         | B Endrin al...  | 6.474 | 7.171 | 190.4E6 | 87264248 | 45.401   | 43.981     |
| 19)                         | B Endosulfa...  | 6.685 | 7.394 | 229.7E6 | 97816392 | 45.147   | 43.777     |
| 20)                         | A Methoxychlor  | 6.946 | 7.712 | 109.4E6 | 47428036 | 42.058   | 40.290     |
| 21)                         | B Endrin ke...  | 7.177 | 7.869 | 261.9E6 | 106.1E6  | 50.033   | 45.126     |
| 23)                         | Chlordane-1     | 4.376 | 5.177 | 1861590 | 165.8E6  | 7.294    | 1342.705 # |
| 24)                         | Chlordane-2     | 0.000 | 5.614 | 0       | 148.5E6  | N.D.     | 1200.821 # |
| 25)                         | Chlordane-3     | 5.418 | 6.237 | 305.1E6 | 130.6E6  | 398.679  | 324.022    |
| 26)                         | Chlordane-4     | 5.476 | 6.311 | 305.8E6 | 126.7E6  | 456.082  | 266.983 #  |
| 27)                         | Chlordane-5     | 6.304 | 7.171 | 256.7E6 | 87264248 | 1184.341 | 986.260    |
| -----                       |                 |       |       |         |          |          |            |

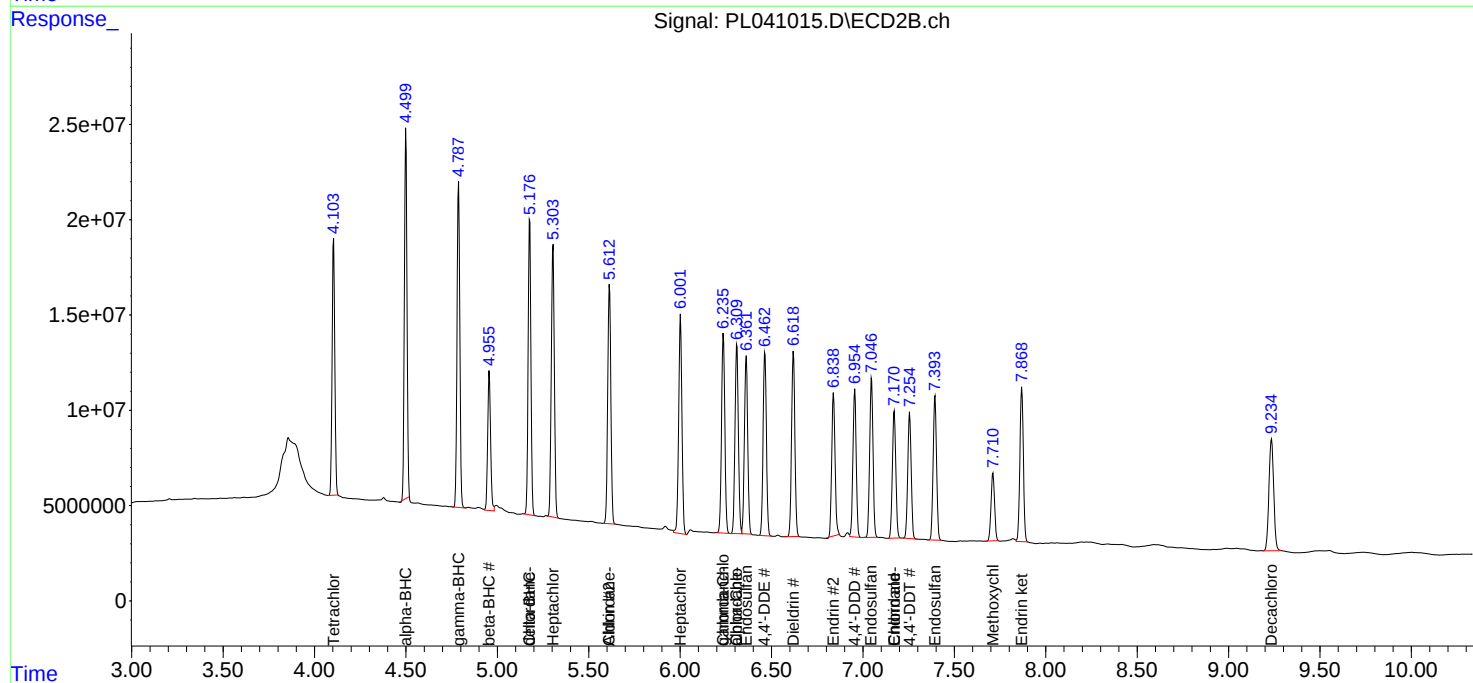
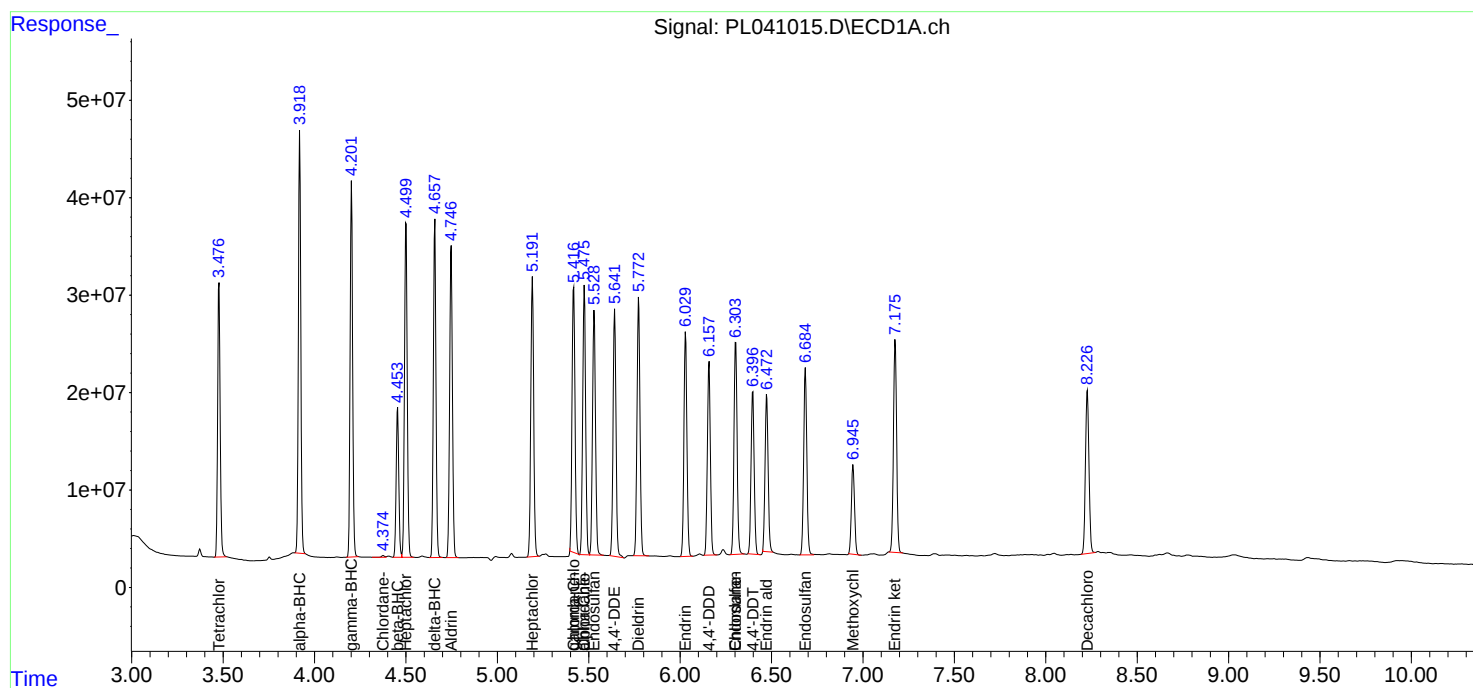
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

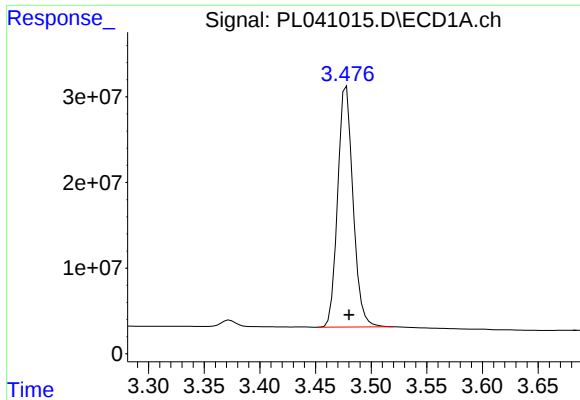
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101518\  
Data File : PL041015.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Oct 2018 18:49  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 00:34:41 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 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

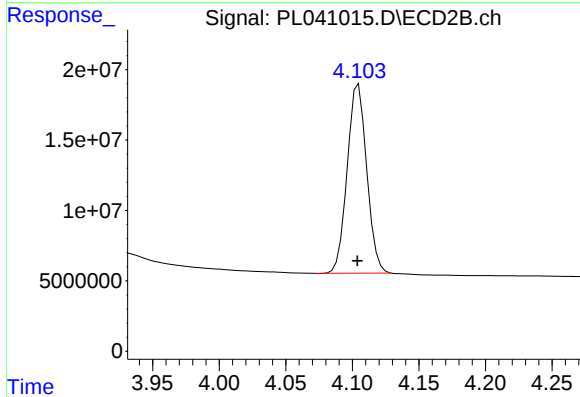




#1 Tetrachloro-m-xylene

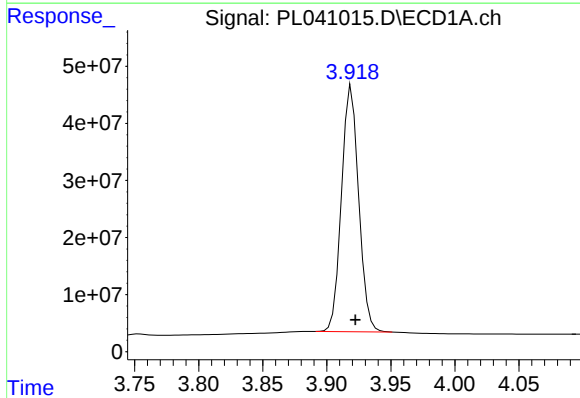
R.T.: 3.478 min  
Delta R.T.: -0.002 min  
Response: 270117714  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



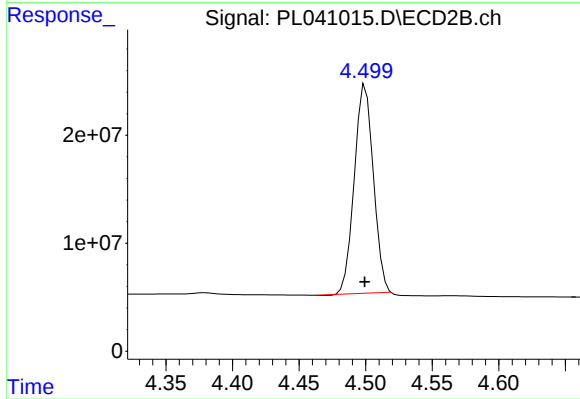
#1 Tetrachloro-m-xylene

R.T.: 4.105 min  
Delta R.T.: 0.000 min  
Response: 137161285  
Conc: 49.19 ng/ml



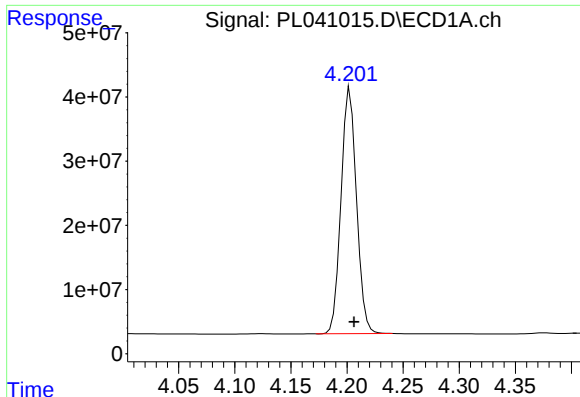
#2 alpha-BHC

R.T.: 3.919 min  
Delta R.T.: -0.003 min  
Response: 402120632  
Conc: 50.75 ng/ml



#2 alpha-BHC

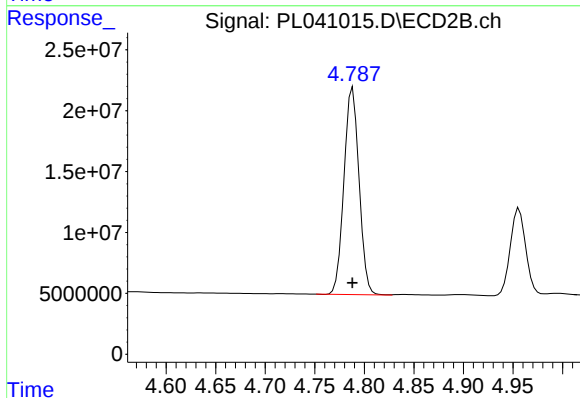
R.T.: 4.500 min  
Delta R.T.: 0.000 min  
Response: 193062979  
Conc: 49.90 ng/ml



#3 gamma-BHC (Lindane)

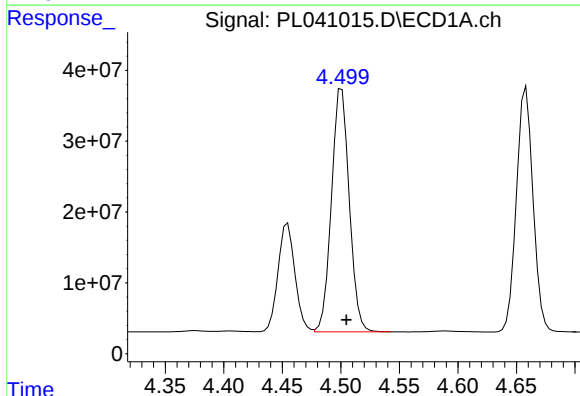
R.T.: 4.203 min  
Delta R.T.: -0.004 min  
Response: 367728363  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



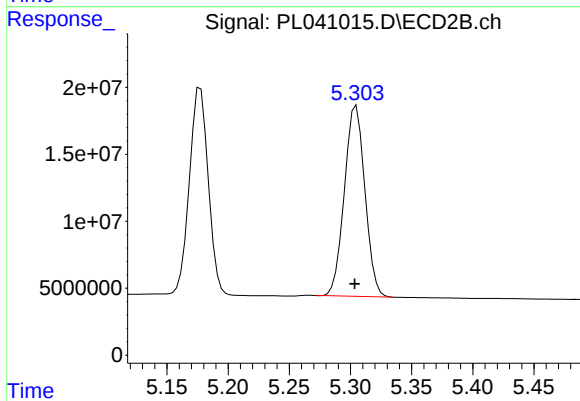
#3 gamma-BHC (Lindane)

R.T.: 4.788 min  
Delta R.T.: 0.000 min  
Response: 179878141  
Conc: 50.52 ng/ml



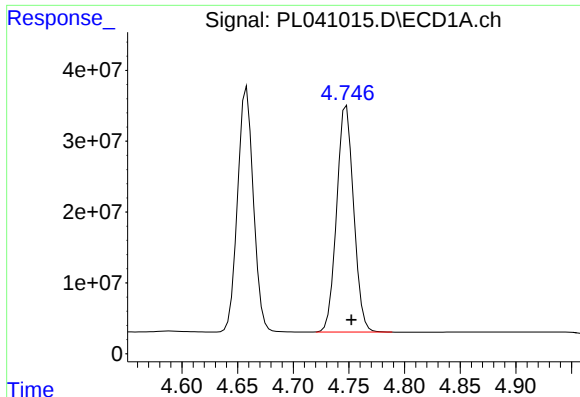
#4 Heptachlor

R.T.: 4.501 min  
Delta R.T.: -0.004 min  
Response: 363054263  
Conc: 49.27 ng/ml



#4 Heptachlor

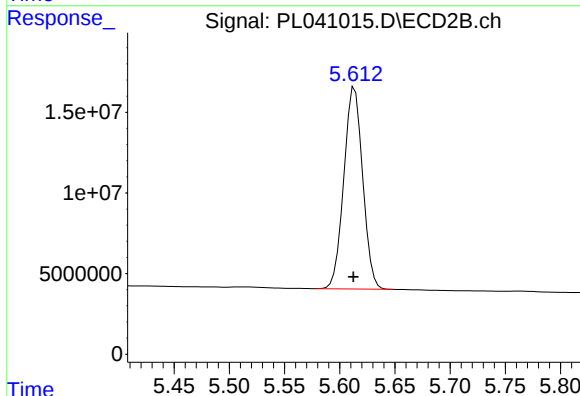
R.T.: 5.305 min  
Delta R.T.: 0.001 min  
Response: 166128932  
Conc: 49.08 ng/ml



#5 Aldrin

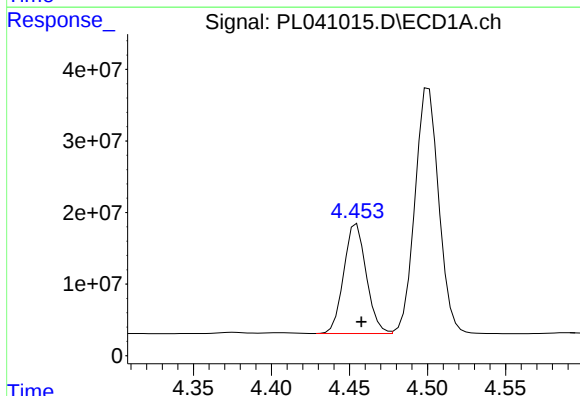
R.T.: 4.748 min  
Delta R.T.: -0.004 min  
Response: 339167788  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



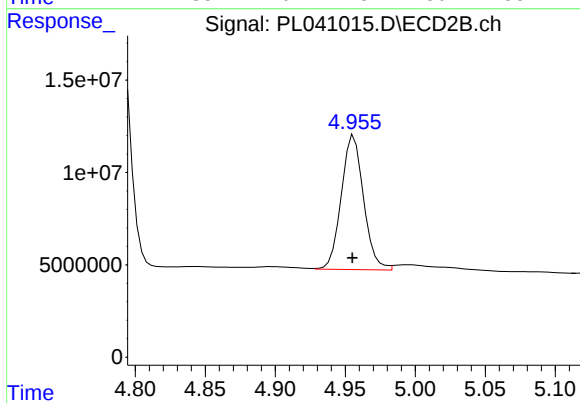
#5 Aldrin

R.T.: 5.614 min  
Delta R.T.: 0.001 min  
Response: 148505887  
Conc: 49.20 ng/ml



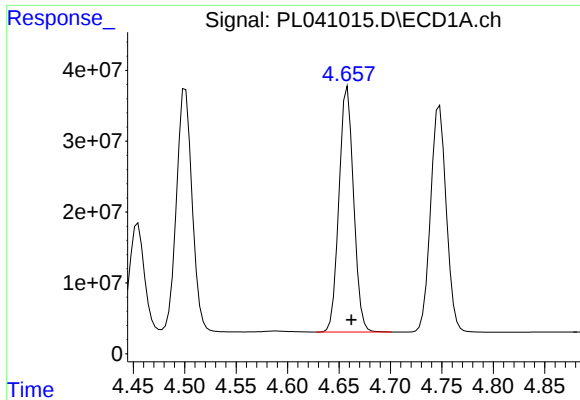
#6 beta-BHC

R.T.: 4.455 min  
Delta R.T.: -0.003 min  
Response: 153864955  
Conc: 48.49 ng/ml



#6 beta-BHC

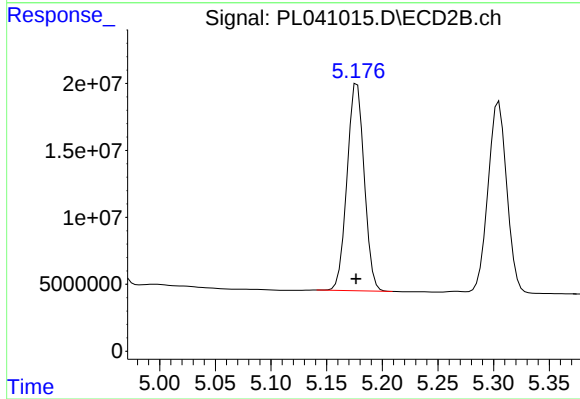
R.T.: 4.956 min  
Delta R.T.: 0.001 min  
Response: 80506954  
Conc: 50.23 ng/ml



#7 delta-BHC

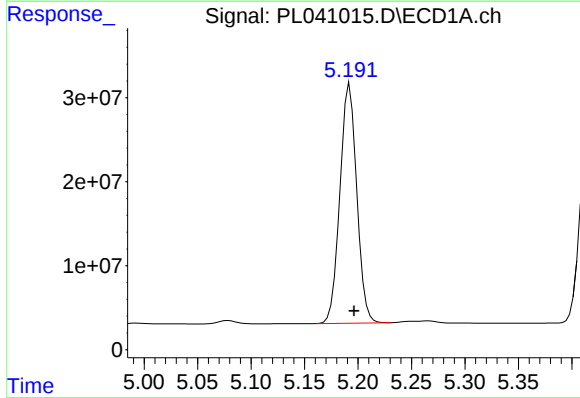
R.T.: 4.658 min  
Delta R.T.: -0.004 min  
Response: 341276365  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



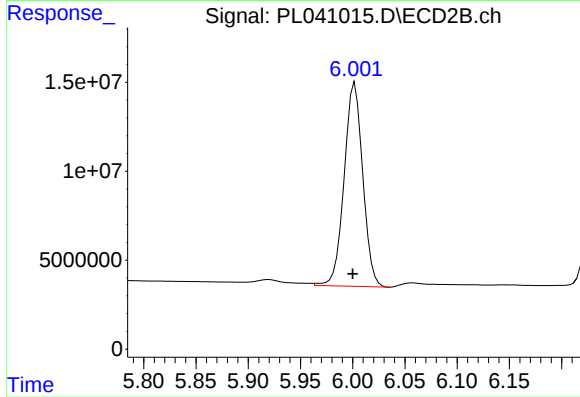
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 165843245  
Conc: 50.52 ng/ml



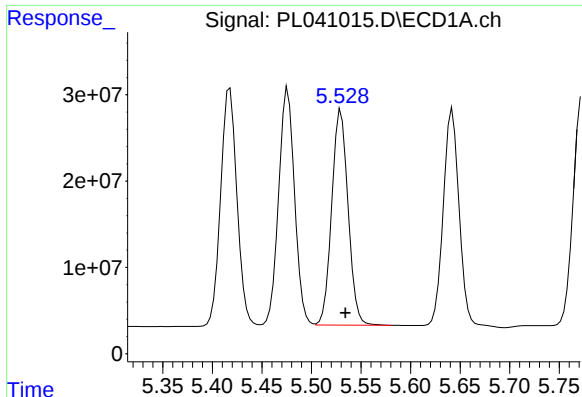
#8 Heptachlor epoxide

R.T.: 5.192 min  
Delta R.T.: -0.004 min  
Response: 312766606  
Conc: 47.69 ng/ml



#8 Heptachlor epoxide

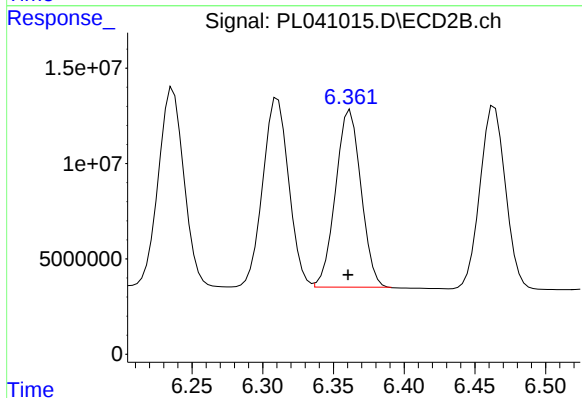
R.T.: 6.002 min  
Delta R.T.: 0.002 min  
Response: 141910596  
Conc: 49.48 ng/ml



#9 Endosulfan I

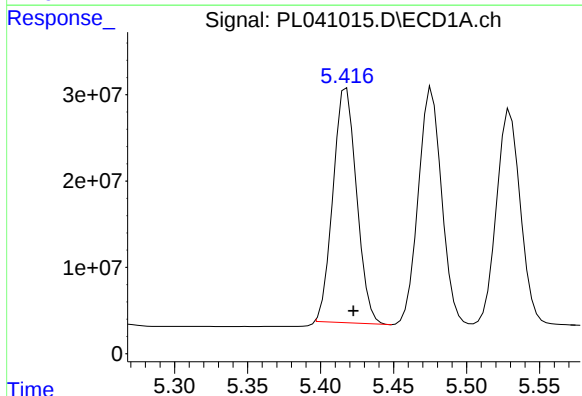
R.T.: 5.530 min  
Delta R.T.: -0.005 min  
Response: 285878297  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



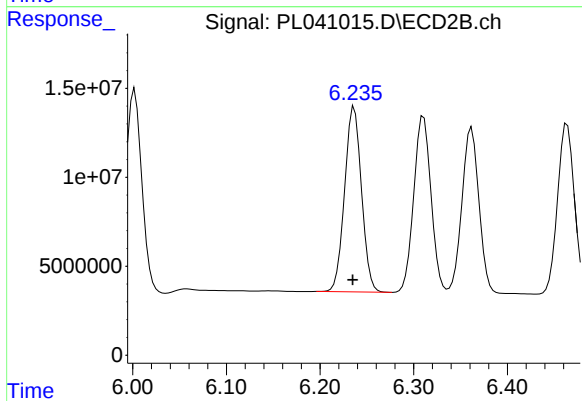
#9 Endosulfan I

R.T.: 6.362 min  
Delta R.T.: 0.002 min  
Response: 116511098  
Conc: 45.49 ng/ml



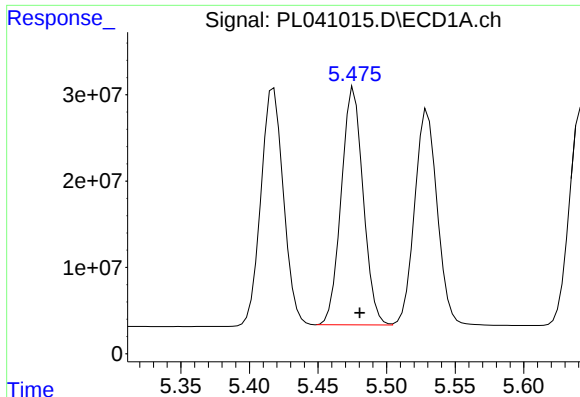
#10 gamma-Chlordane

R.T.: 5.418 min  
Delta R.T.: -0.005 min  
Response: 305134586  
Conc: 46.40 ng/ml



#10 gamma-Chlordane

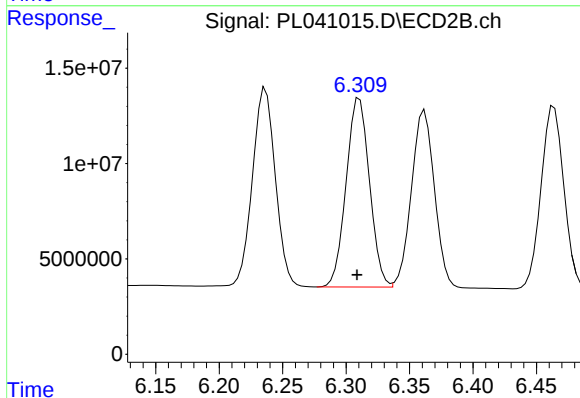
R.T.: 6.237 min  
Delta R.T.: 0.002 min  
Response: 130623451  
Conc: 46.57 ng/ml



#11 alpha-Chlordane

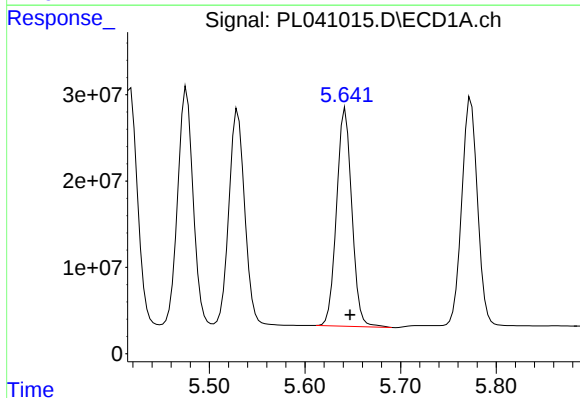
R.T.: 5.476 min  
Delta R.T.: -0.004 min  
Response: 305794057  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



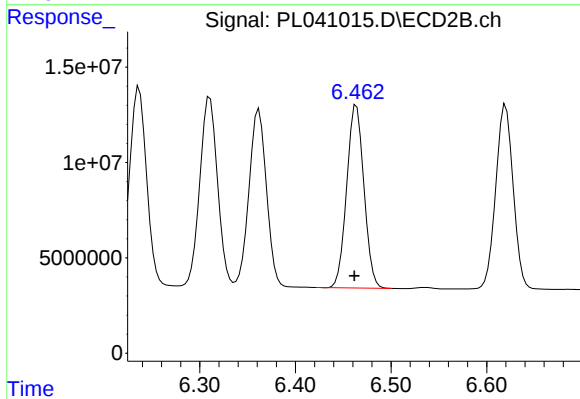
#11 alpha-Chlordane

R.T.: 6.311 min  
Delta R.T.: 0.002 min  
Response: 126721527  
Conc: 45.66 ng/ml



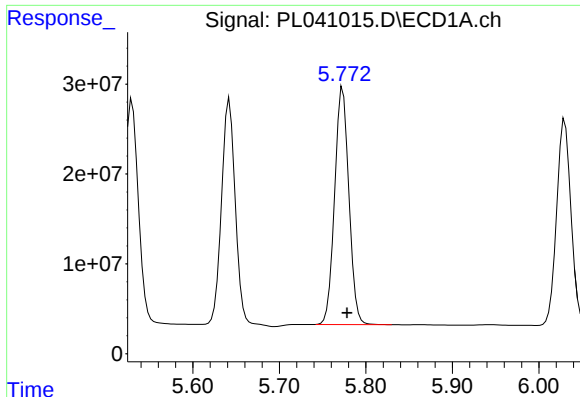
#12 4,4'-DDE

R.T.: 5.642 min  
Delta R.T.: -0.005 min  
Response: 279972873  
Conc: 49.26 ng/ml



#12 4,4'-DDE

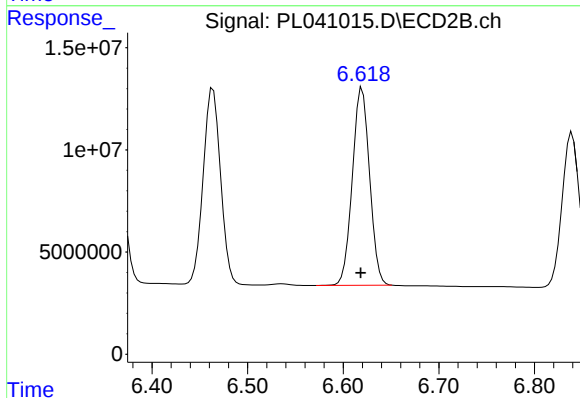
R.T.: 6.464 min  
Delta R.T.: 0.002 min  
Response: 120555835  
Conc: 45.57 ng/ml



#13 Dieldrin

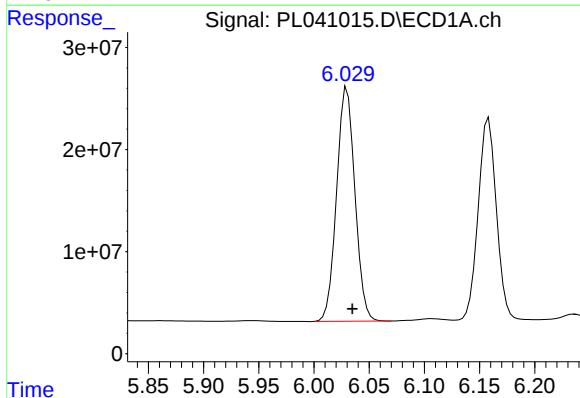
R.T.: 5.773 min  
Delta R.T.: -0.005 min  
Response: 301374257  
Conc: 47.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



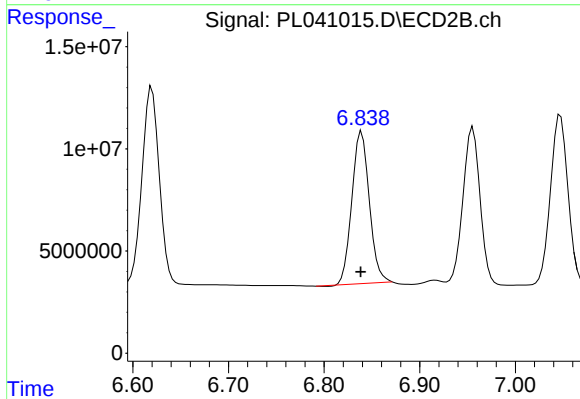
#13 Dieldrin

R.T.: 6.620 min  
Delta R.T.: 0.002 min  
Response: 121589443  
Conc: 45.67 ng/ml



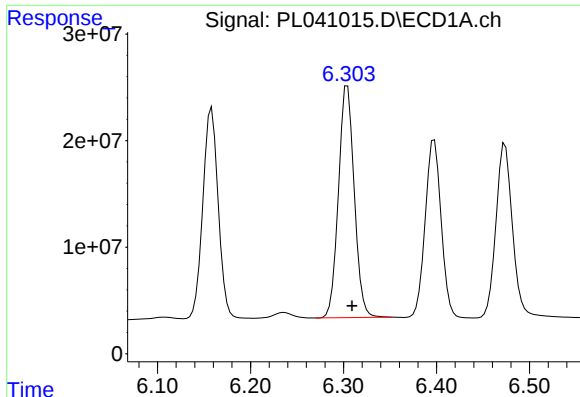
#14 Endrin

R.T.: 6.030 min  
Delta R.T.: -0.005 min  
Response: 264881298  
Conc: 46.11 ng/ml



#14 Endrin

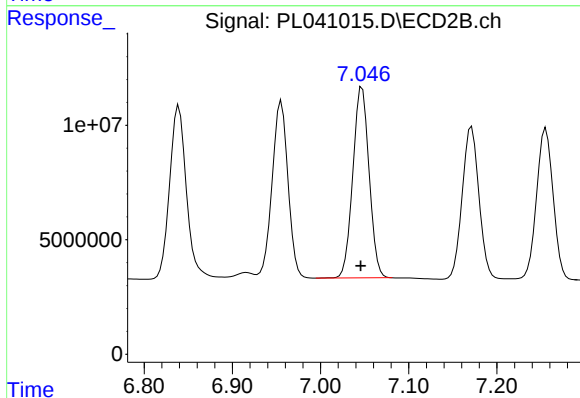
R.T.: 6.839 min  
Delta R.T.: 0.001 min  
Response: 94784201  
Conc: 42.46 ng/ml



#15 Endosulfan II

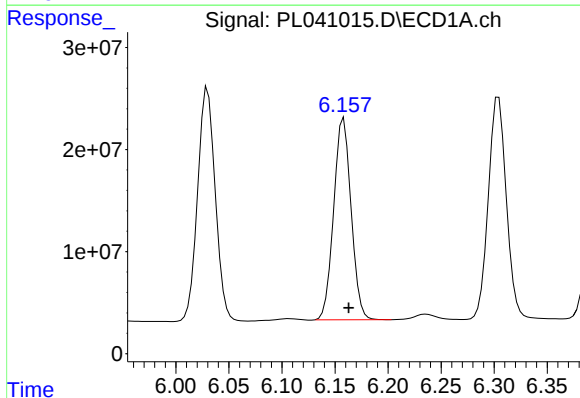
R.T.: 6.304 min  
Delta R.T.: -0.005 min  
Response: 256665212  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



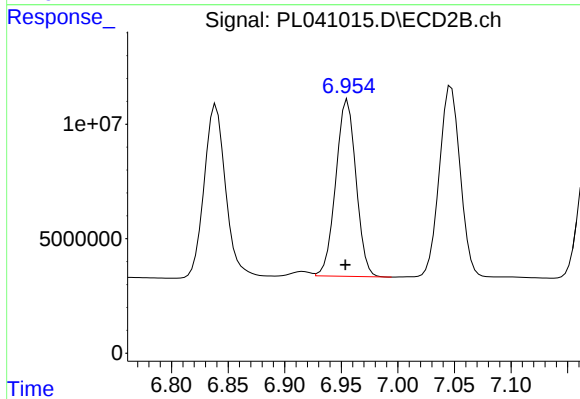
#15 Endosulfan II

R.T.: 7.047 min  
Delta R.T.: 0.002 min  
Response: 107035800  
Conc: 45.07 ng/ml



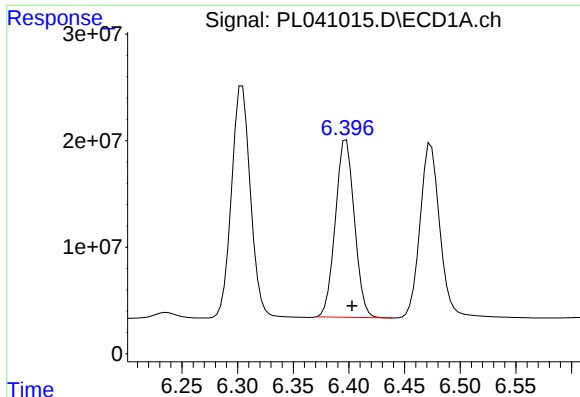
#16 4,4'-DDD

R.T.: 6.158 min  
Delta R.T.: -0.005 min  
Response: 225984102  
Conc: 50.03 ng/ml



#16 4,4'-DDD

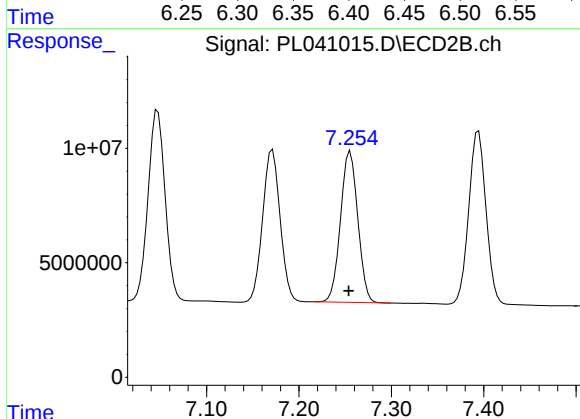
R.T.: 6.956 min  
Delta R.T.: 0.002 min  
Response: 96054084  
Conc: 45.86 ng/ml



#17 4,4'-DDT

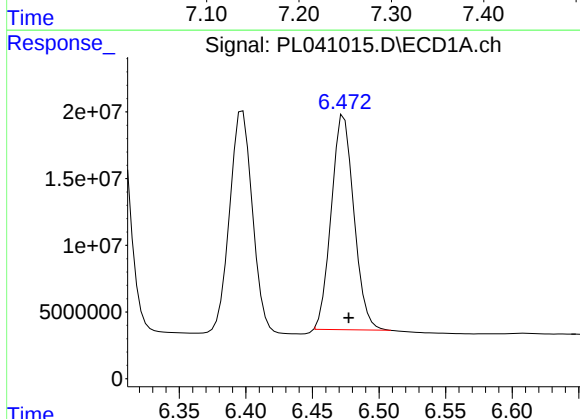
R.T.: 6.398 min  
Delta R.T.: -0.005 min  
Response: 197972913  
Conc: 43.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



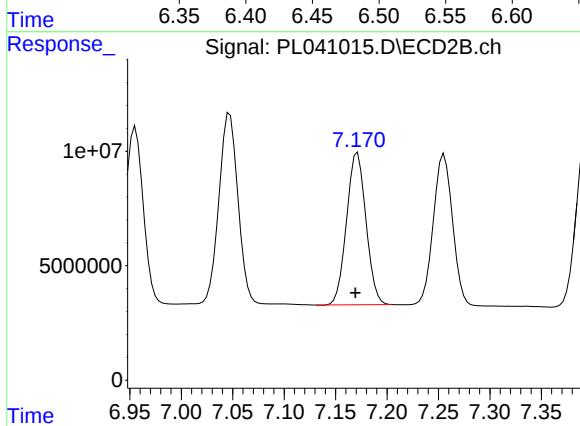
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: 0.002 min  
Response: 85836687  
Conc: 41.27 ng/ml



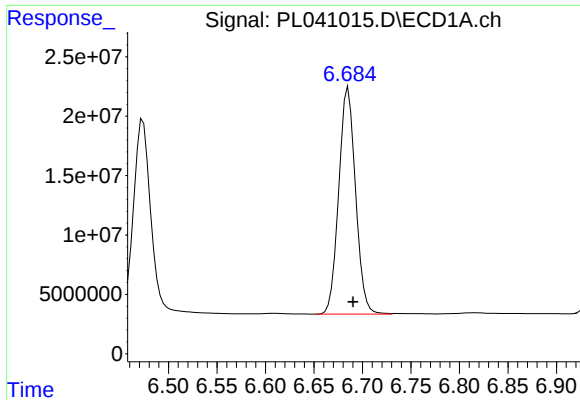
#18 Endrin aldehyde

R.T.: 6.474 min  
Delta R.T.: -0.004 min  
Response: 190357815  
Conc: 45.40 ng/ml



#18 Endrin aldehyde

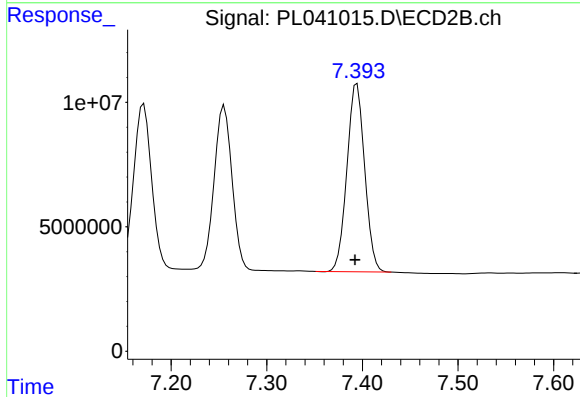
R.T.: 7.171 min  
Delta R.T.: 0.002 min  
Response: 87264248  
Conc: 43.98 ng/ml



#19 Endosulfan Sulfate

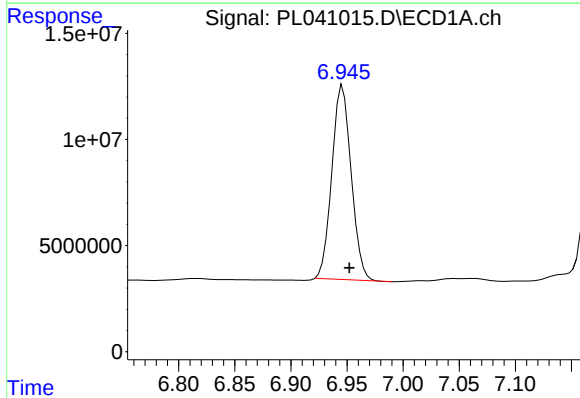
R.T.: 6.685 min  
Delta R.T.: -0.005 min  
Response: 229700964  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



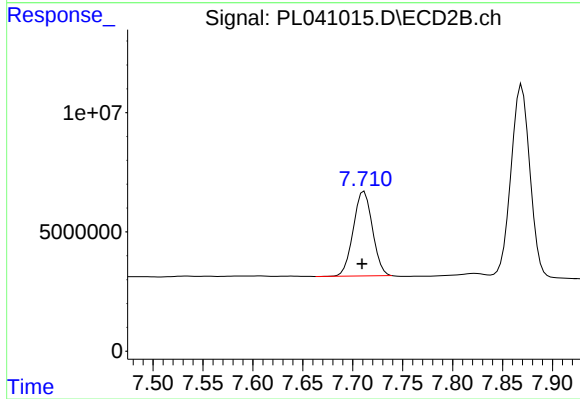
#19 Endosulfan Sulfate

R.T.: 7.394 min  
Delta R.T.: 0.002 min  
Response: 97816392  
Conc: 43.78 ng/ml



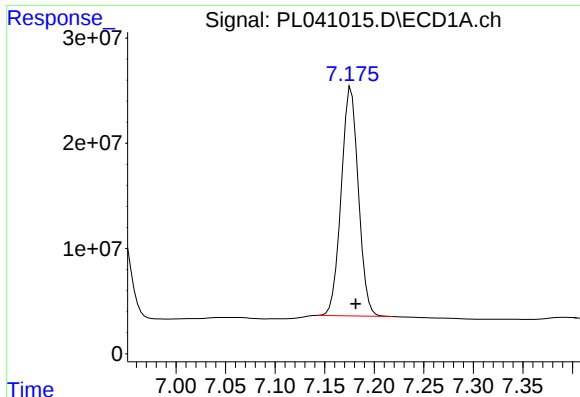
#20 Methoxychlor

R.T.: 6.946 min  
Delta R.T.: -0.006 min  
Response: 109401941  
Conc: 42.06 ng/ml



#20 Methoxychlor

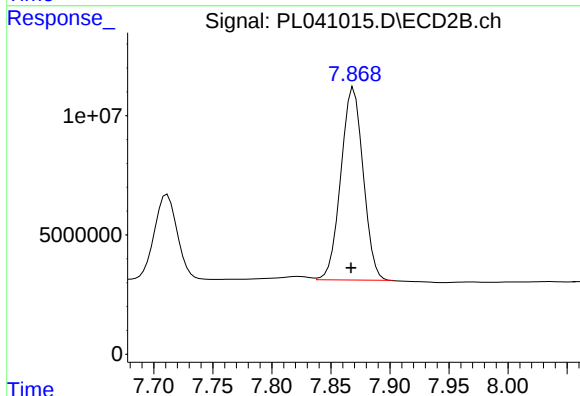
R.T.: 7.712 min  
Delta R.T.: 0.002 min  
Response: 47428036  
Conc: 40.29 ng/ml



#21 Endrin ketone

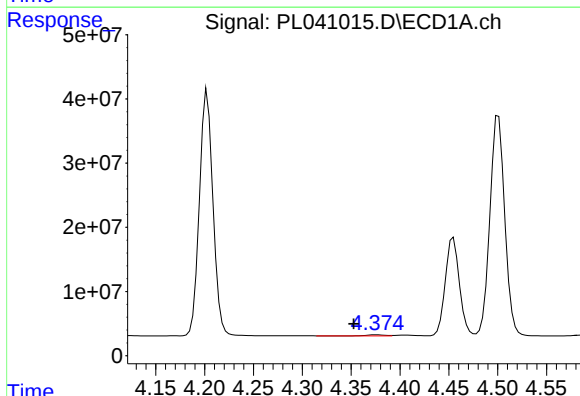
R.T.: 7.177 min  
Delta R.T.: -0.005 min  
Response: 261910641  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



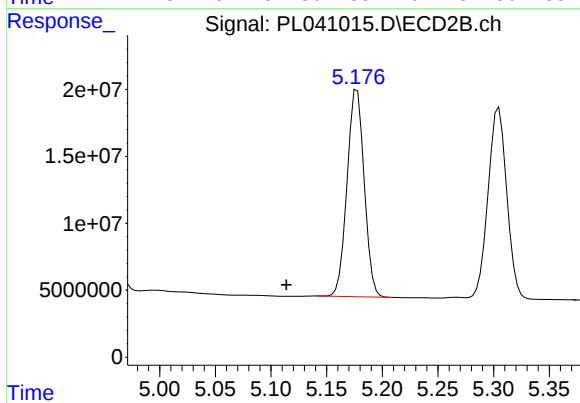
#21 Endrin ketone

R.T.: 7.869 min  
Delta R.T.: 0.002 min  
Response: 106116429  
Conc: 45.13 ng/ml



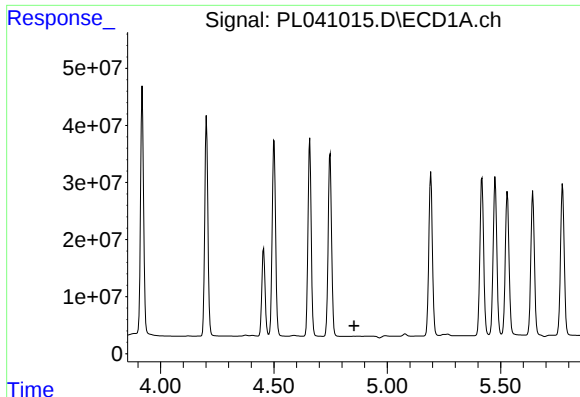
#23 Chlordane-1

R.T.: 4.376 min  
Delta R.T.: 0.023 min  
Response: 1861590  
Conc: 7.29 ng/ml



#23 Chlordane-1

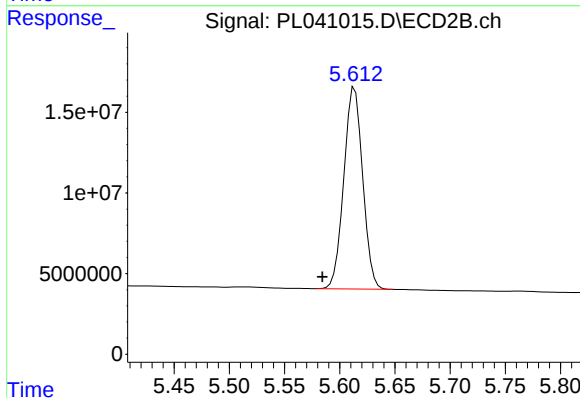
R.T.: 5.177 min  
Delta R.T.: 0.064 min  
Response: 165843245  
Conc: 1342.70 ng/ml



#24 Chlordane-2

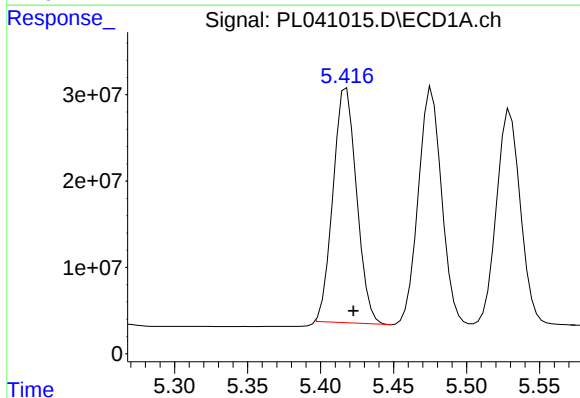
R.T.: 0.000 min  
Exp R.T.: 4.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



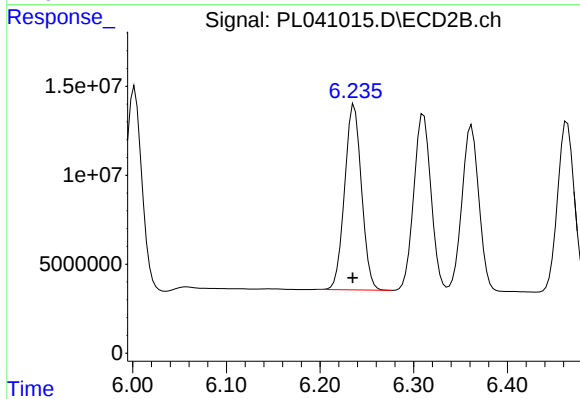
#24 Chlordane-2

R.T.: 5.614 min  
Delta R.T.: 0.029 min  
Response: 148505887  
Conc: 1200.82 ng/ml



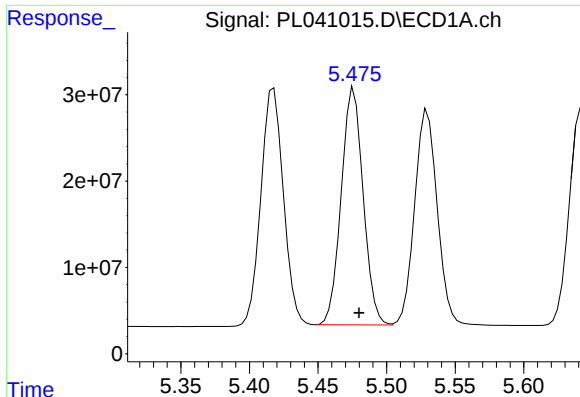
#25 Chlordane-3

R.T.: 5.418 min  
Delta R.T.: -0.005 min  
Response: 305134586  
Conc: 398.68 ng/ml



#25 Chlordane-3

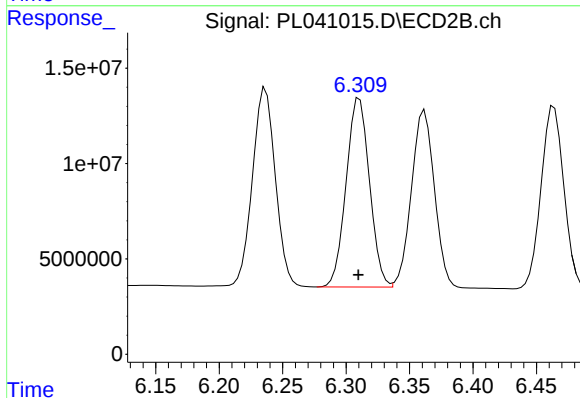
R.T.: 6.237 min  
Delta R.T.: 0.002 min  
Response: 130623451  
Conc: 324.02 ng/ml



#26 Chlordane-4

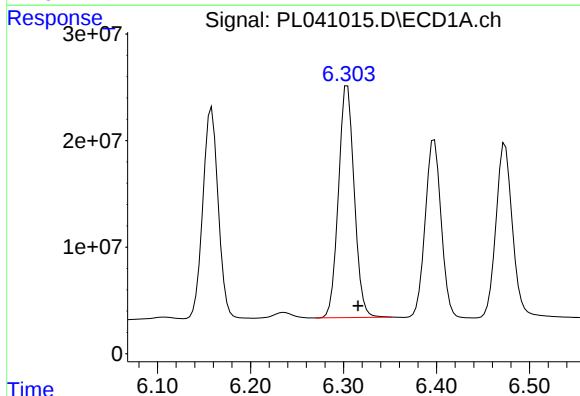
R.T.: 5.476 min  
Delta R.T.: -0.004 min  
Response: 305794057  
Conc: 456.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



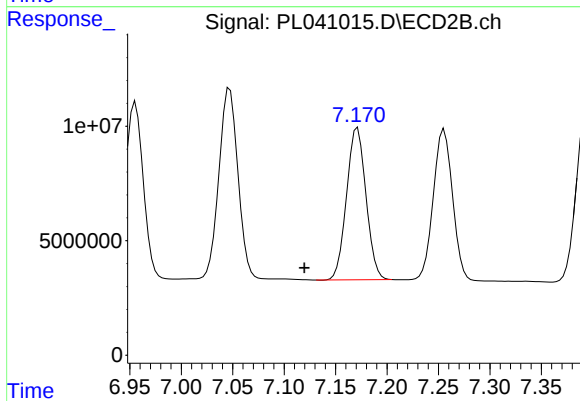
#26 Chlordane-4

R.T.: 6.311 min  
Delta R.T.: 0.000 min  
Response: 126721527  
Conc: 266.98 ng/ml



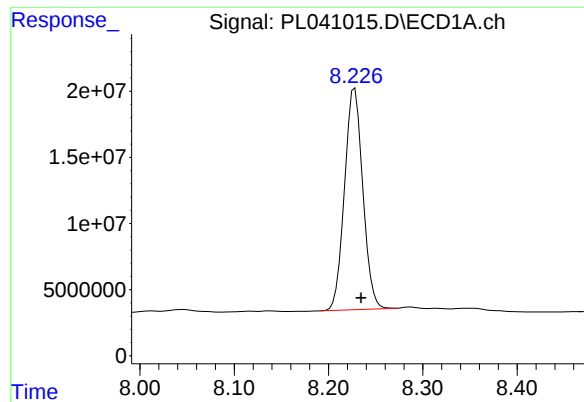
#27 Chlordane-5

R.T.: 6.304 min  
Delta R.T.: -0.011 min  
Response: 256665212  
Conc: 1184.34 ng/ml



#27 Chlordane-5

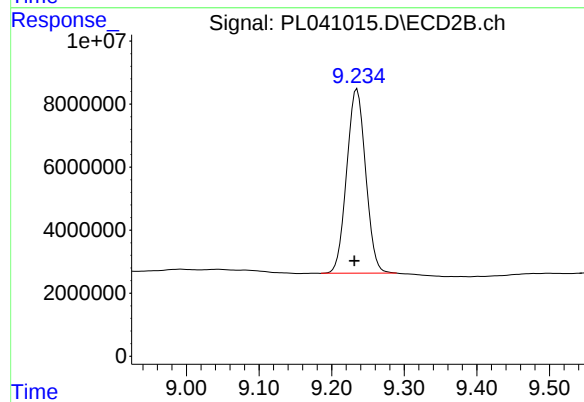
R.T.: 7.171 min  
Delta R.T.: 0.052 min  
Response: 87264248  
Conc: 986.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.228 min  
Delta R.T.: -0.006 min  
Response: 225823690  
Conc: 43.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.235 min  
Delta R.T.: 0.004 min  
Response: 106188257  
Conc: 41.07 ng/ml