

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041019\  
 Data File : PL047239.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Apr 2019 02:47  
 Operator : AJ\SJ  
 Sample : PB118781BSD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB118781BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 11 04:54:00 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.357 | 3.976  | 119.1E6 | 38793184 | 16.373   | 16.943     |
| 28)                         | SA Decachlor... | 8.034 | 9.028  | 149.3E6 | 44776346 | 17.747   | 19.313     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.786 | 4.366  | 486.3E6 | 142.6E6  | 41.703   | 44.364     |
| 3)                          | MA gamma-BHC... | 4.064 | 4.650  | 438.6E6 | 131.6E6  | 40.823   | 43.983     |
| 4)                          | MA Heptachlor   | 4.350 | 5.156  | 442.1E6 | 132.5E6  | 40.102   | 43.089     |
| 5)                          | MB Aldrin       | 4.590 | 5.460  | 449.8E6 | 132.6E6  | 43.608   | 46.280     |
| 6)                          | B beta-BHC      | 4.316 | 4.823  | 181.9E6 | 59282256 | 40.408   | 44.718     |
| 7)                          | B delta-BHC     | 4.512 | 5.038  | 417.0E6 | 111.2E6  | 41.193   | 47.936     |
| 8)                          | B Heptachlor... | 5.027 | 5.846  | 411.1E6 | 119.7E6  | 42.148   | 45.400     |
| 9)                          | A Endosulfan I  | 5.359 | 6.202  | 394.9E6 | 117.8E6  | 41.999   | 45.137     |
| 10)                         | B gamma-Chl...  | 5.250 | 6.080  | 425.5E6 | 127.7E6  | 41.425   | 44.988     |
| 11)                         | B alpha-Chl...  | 5.306 | 6.152  | 416.2E6 | 126.3E6  | 41.050   | 44.530     |
| 12)                         | B 4,4'-DDE      | 5.473 | 6.311  | 381.0E6 | 113.0E6  | 41.383   | 45.539     |
| 13)                         | MA Dieldrin     | 5.599 | 6.459  | 422.9E6 | 121.8E6  | 42.141   | 44.927     |
| 14)                         | MA Endrin       | 5.852 | 6.676  | 319.8E6 | 89120950 | 33.953   | 37.293     |
| 15)                         | B Endosulfa...  | 6.126 | 6.886  | 369.0E6 | 108.6E6  | 41.189   | 45.021     |
| 16)                         | A 4,4'-DDD      | 5.985 | 6.801  | 361.4E6 | 103.3E6  | 47.815   | 51.343     |
| 17)                         | MA 4,4'-DDT     | 6.219 | 7.099  | 247.0E6 | 73807911 | 32.611   | 35.198     |
| 18)                         | B Endrin al...  | 6.293 | 7.011  | 321.8E6 | 97547681 | 42.939   | 45.926     |
| 19)                         | B Endosulfa...  | 6.504 | 7.234  | 349.0E6 | 108.0E6  | 42.508   | 45.798     |
| 20)                         | A Methoxychlor  | 6.764 | 7.557  | 138.8E6 | 44485749 | 32.654   | 34.897     |
| 21)                         | B Endrin ke...  | 6.988 | 7.703  | 441.4E6 | 124.7E6  | 47.740   | 50.203     |
| 22)                         | Mirex           | 7.164 | 8.154  | 298.2E6 | 91723247 | 40.927   | 45.858     |
| 24)                         | Chlordane-2     | 0.000 | 5.460f | 0       | 132.6E6  | N.D.     | 1135.103 # |
| 25)                         | Chlordane-3     | 5.250 | 6.080  | 425.5E6 | 127.7E6  | 382.106  | 334.884    |
| 26)                         | Chlordane-4     | 5.306 | 6.152  | 416.2E6 | 126.3E6  | 402.504  | 273.751 #  |
| 27)                         | Chlordane-5     | 6.126 | 0.000  | 369.0E6 | 0        | 1081.373 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

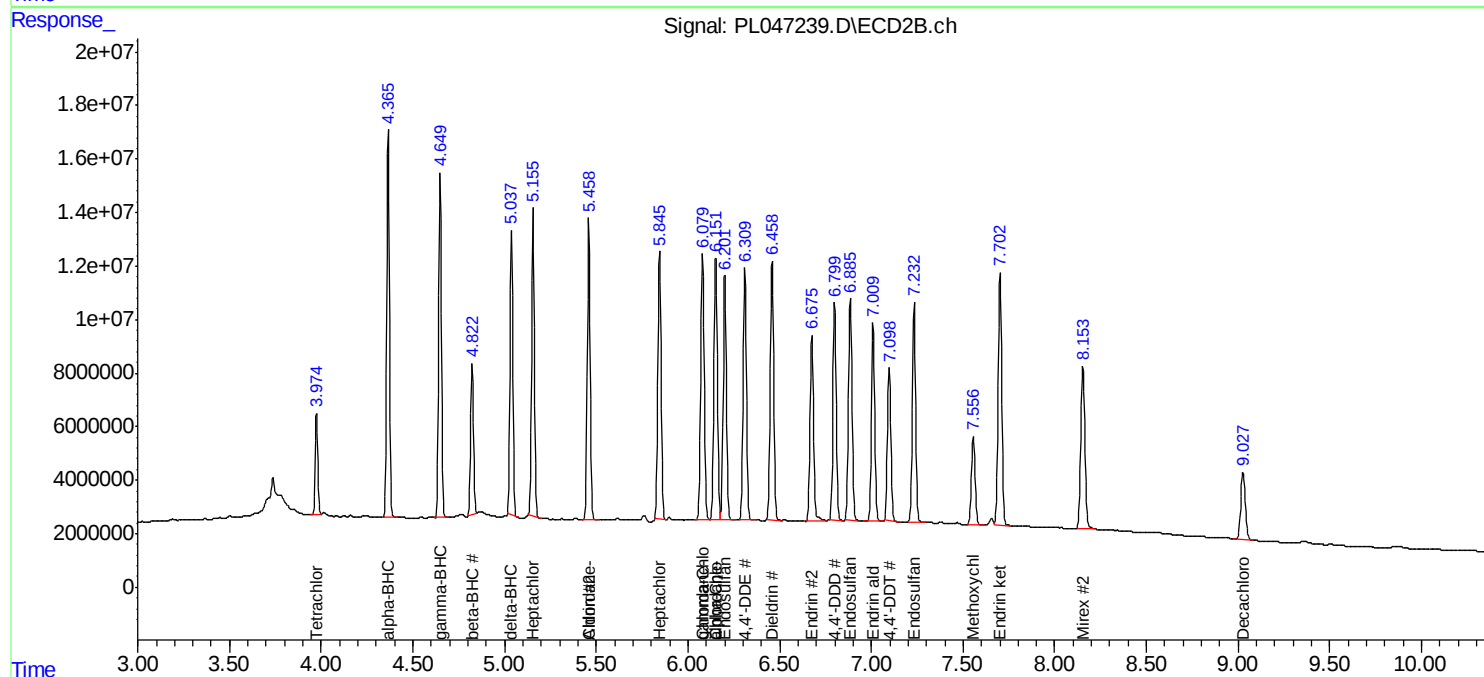
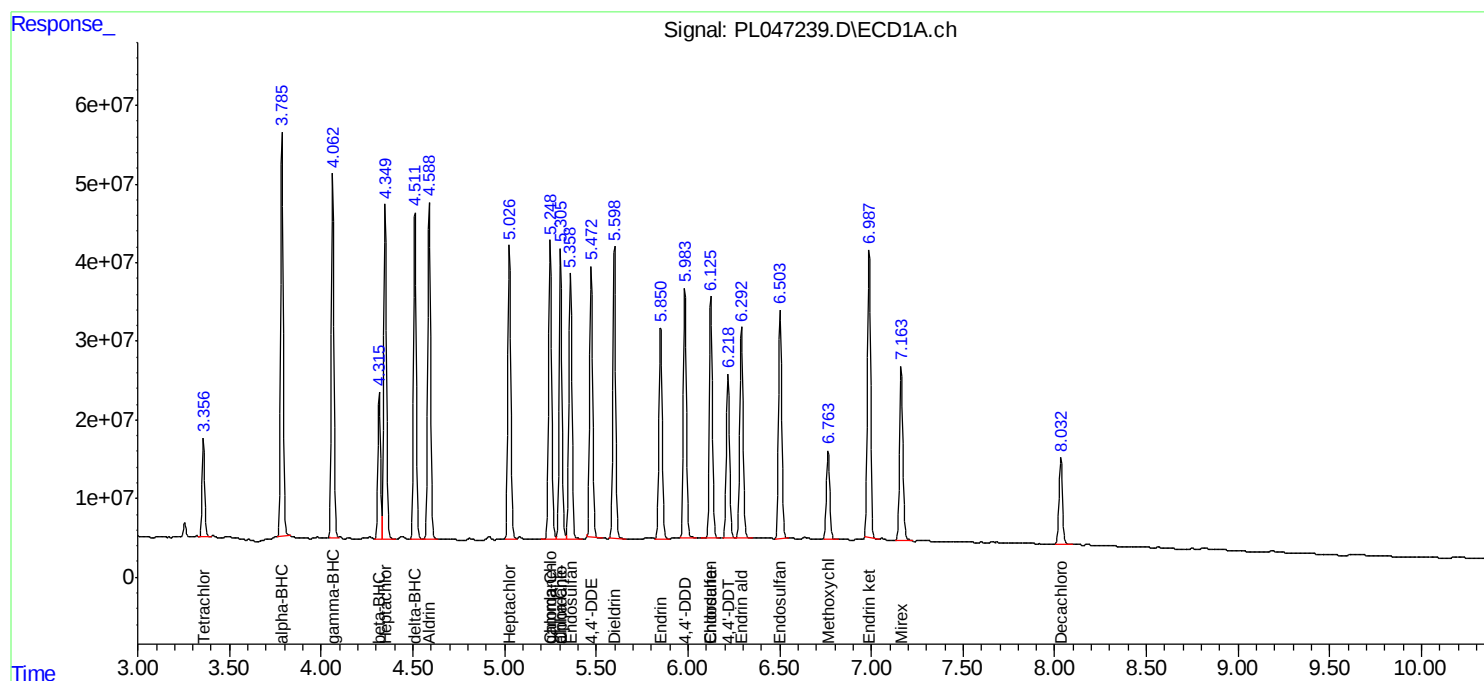
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

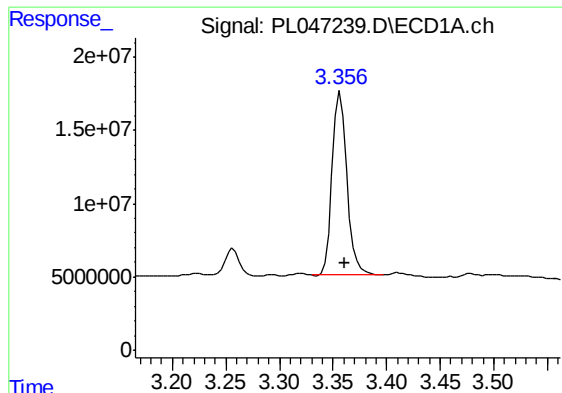
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041019\  
Data File : PL047239.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Apr 2019 02:47  
Operator : AJ\SJ  
Sample : PB118781BSD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 11 04:54:00 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 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

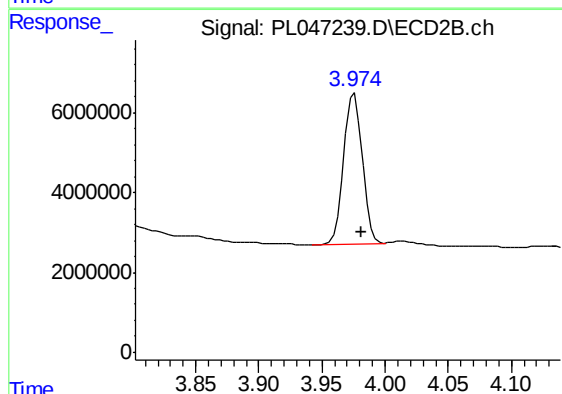




#1 Tetrachloro-m-xylene

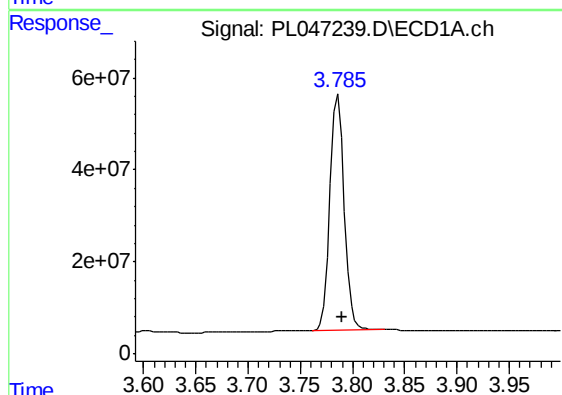
R.T.: 3.357 min  
Delta R.T.: -0.004 min  
Response: 119110253  
Conc: 16.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



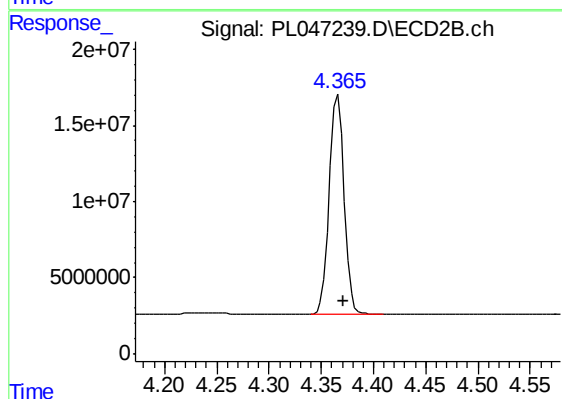
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: -0.005 min  
Response: 38793184  
Conc: 16.94 ng/ml



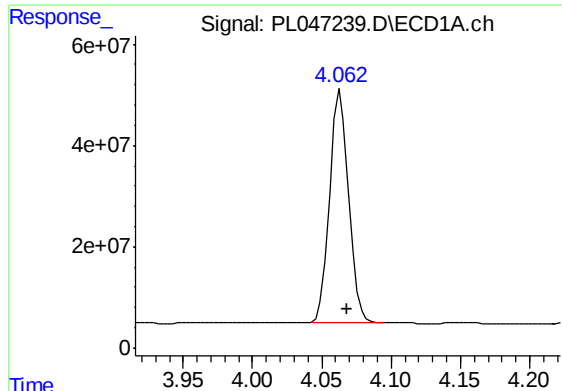
#2 alpha-BHC

R.T.: 3.786 min  
Delta R.T.: -0.004 min  
Response: 486340616  
Conc: 41.70 ng/ml



#2 alpha-BHC

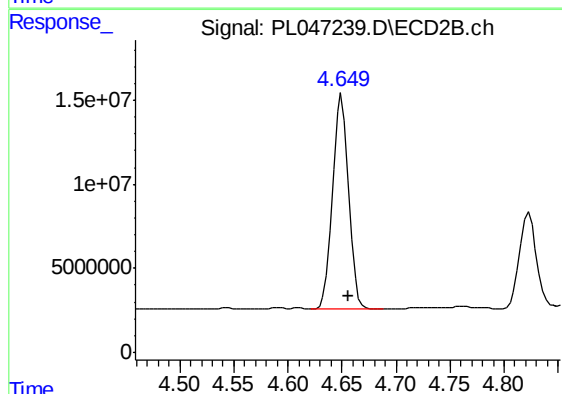
R.T.: 4.366 min  
Delta R.T.: -0.005 min  
Response: 142555143  
Conc: 44.36 ng/ml



#3 gamma-BHC (Lindane)

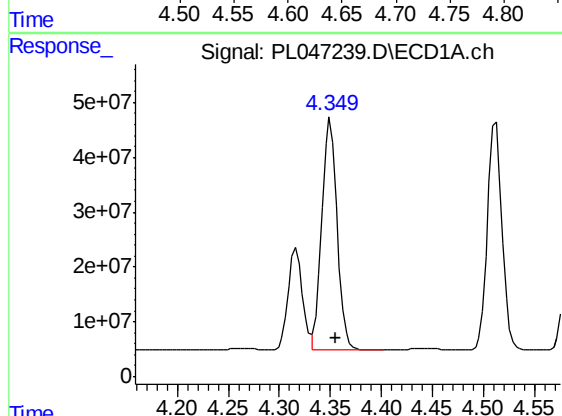
R.T.: 4.064 min  
Delta R.T.: -0.005 min  
Response: 438624830  
Conc: 40.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



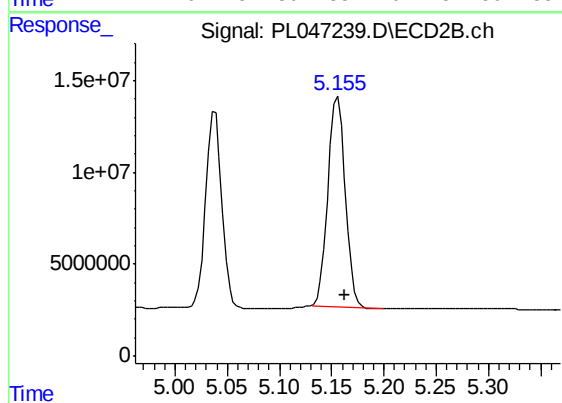
#3 gamma-BHC (Lindane)

R.T.: 4.650 min  
Delta R.T.: -0.006 min  
Response: 131641515  
Conc: 43.98 ng/ml



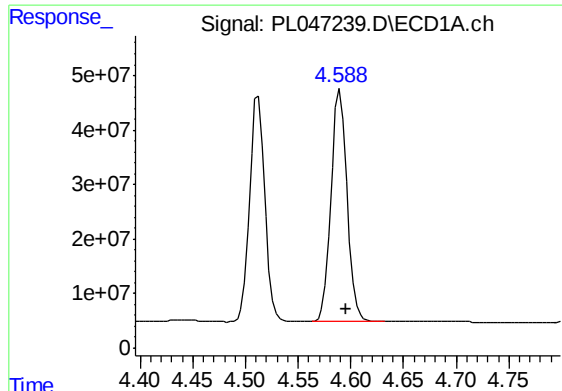
#4 Heptachlor

R.T.: 4.350 min  
Delta R.T.: -0.005 min  
Response: 442131731  
Conc: 40.10 ng/ml



#4 Heptachlor

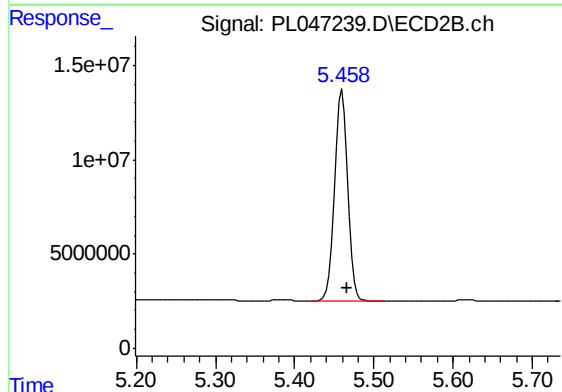
R.T.: 5.156 min  
Delta R.T.: -0.006 min  
Response: 132537509  
Conc: 43.09 ng/ml



#5 Aldrin

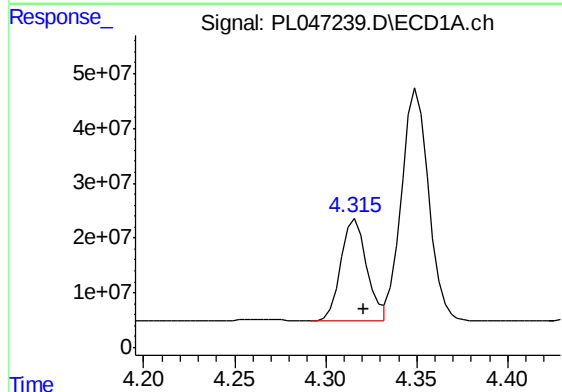
R.T.: 4.590 min  
Delta R.T.: -0.006 min  
Response: 449818580  
Conc: 43.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



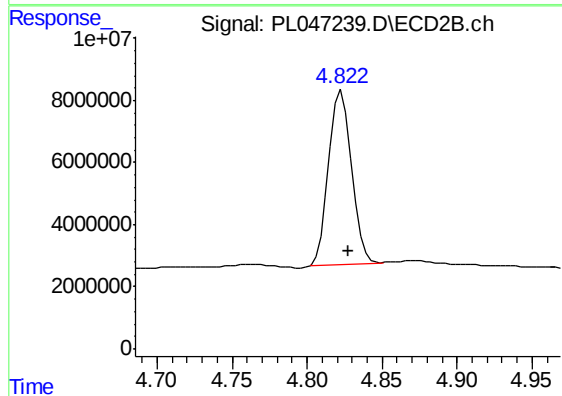
#5 Aldrin

R.T.: 5.460 min  
Delta R.T.: -0.007 min  
Response: 132590491  
Conc: 46.28 ng/ml



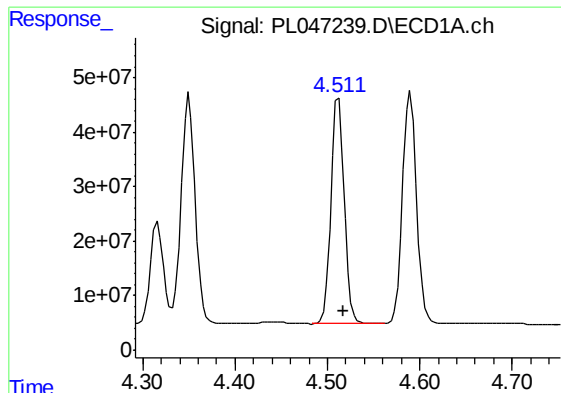
#6 beta-BHC

R.T.: 4.316 min  
Delta R.T.: -0.005 min  
Response: 181933400  
Conc: 40.41 ng/ml



#6 beta-BHC

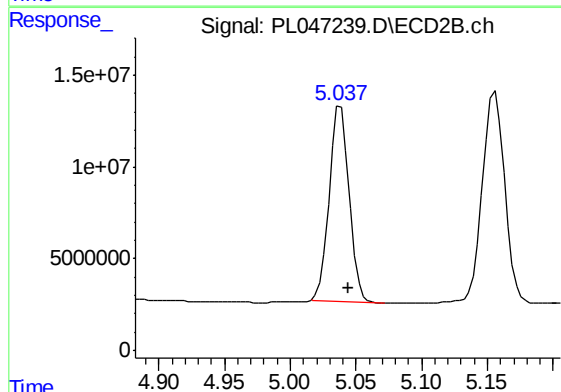
R.T.: 4.823 min  
Delta R.T.: -0.005 min  
Response: 59282256  
Conc: 44.72 ng/ml



#7 delta-BHC

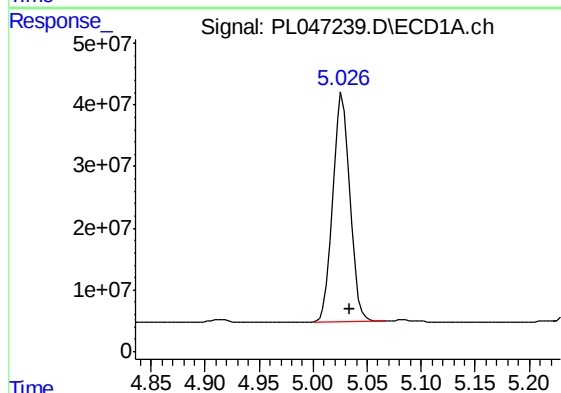
R.T.: 4.512 min  
Delta R.T.: -0.005 min  
Response: 416996468  
Conc: 41.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



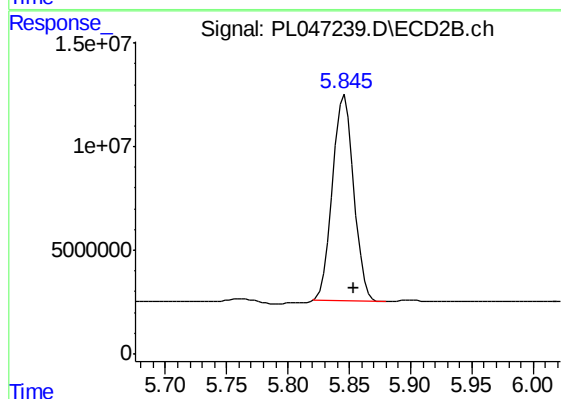
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.006 min  
Response: 111220283  
Conc: 47.94 ng/ml



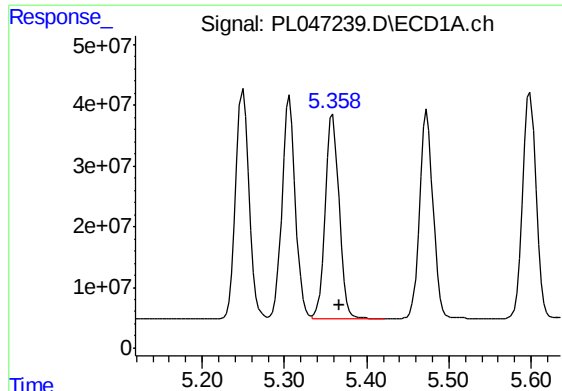
#8 Heptachlor epoxide

R.T.: 5.027 min  
Delta R.T.: -0.007 min  
Response: 411093802  
Conc: 42.15 ng/ml



#8 Heptachlor epoxide

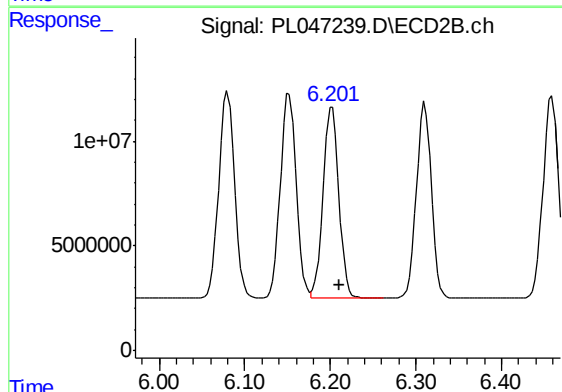
R.T.: 5.846 min  
Delta R.T.: -0.007 min  
Response: 119729202  
Conc: 45.40 ng/ml



#9 Endosulfan I

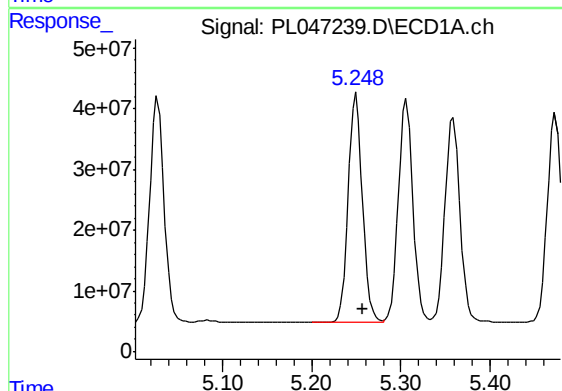
R.T.: 5.359 min  
Delta R.T.: -0.007 min  
Response: 394892231  
Conc: 42.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



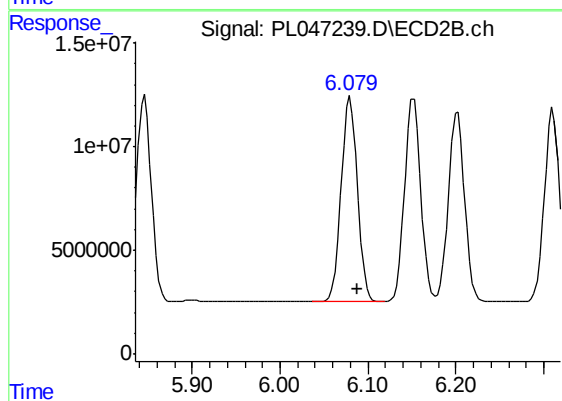
#9 Endosulfan I

R.T.: 6.202 min  
Delta R.T.: -0.008 min  
Response: 117801456  
Conc: 45.14 ng/ml



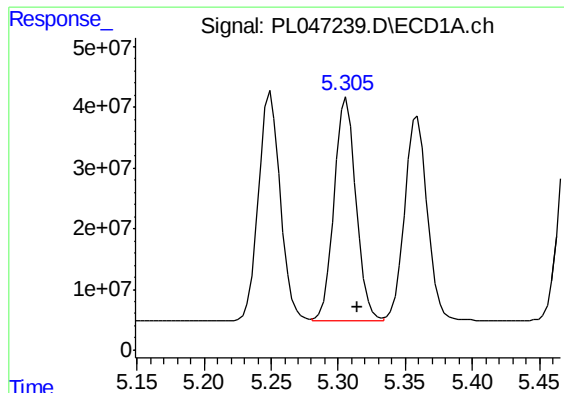
#10 gamma-Chlordane

R.T.: 5.250 min  
Delta R.T.: -0.007 min  
Response: 425541385  
Conc: 41.42 ng/ml



#10 gamma-Chlordane

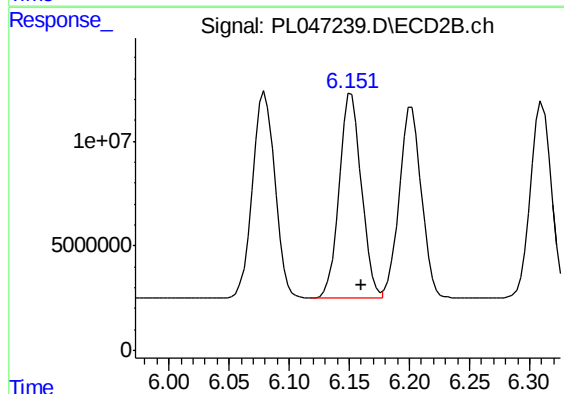
R.T.: 6.080 min  
Delta R.T.: -0.008 min  
Response: 127680542  
Conc: 44.99 ng/ml



#11 alpha-Chlordane

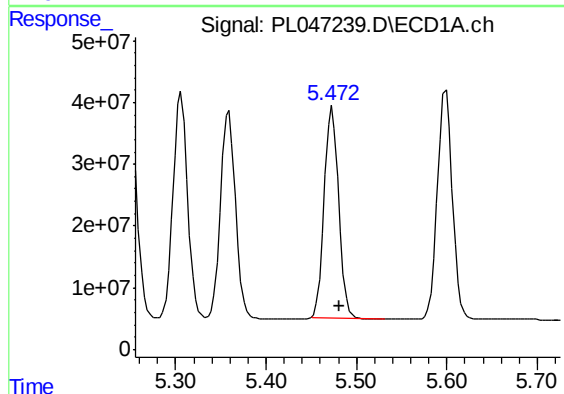
R.T.: 5.306 min  
Delta R.T.: -0.008 min  
Response: 416212872  
Conc: 41.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



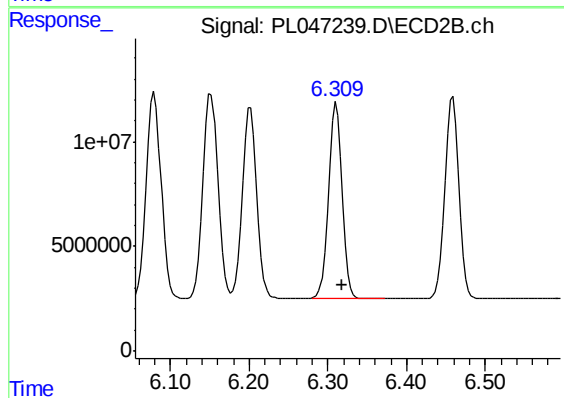
#11 alpha-Chlordane

R.T.: 6.152 min  
Delta R.T.: -0.008 min  
Response: 126315453  
Conc: 44.53 ng/ml



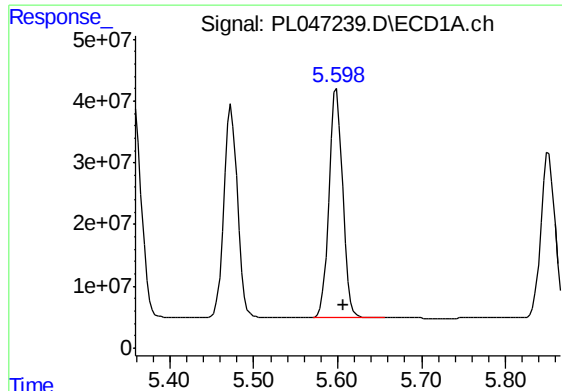
#12 4,4'-DDE

R.T.: 5.473 min  
Delta R.T.: -0.007 min  
Response: 381014124  
Conc: 41.38 ng/ml



#12 4,4'-DDE

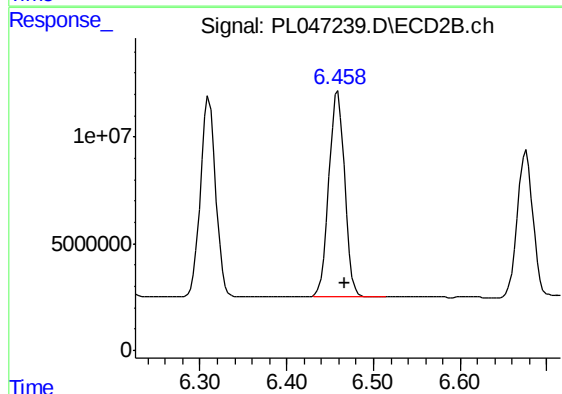
R.T.: 6.311 min  
Delta R.T.: -0.007 min  
Response: 113042659  
Conc: 45.54 ng/ml



#13 Dieldrin

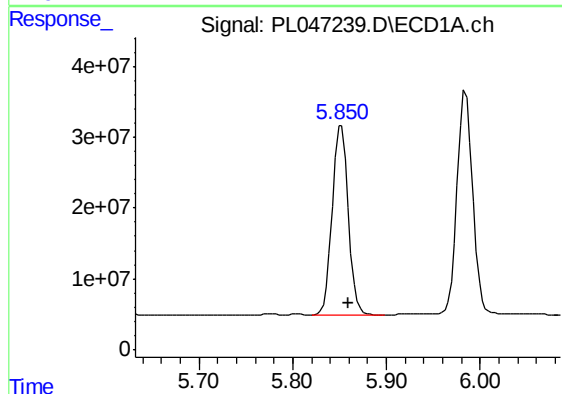
R.T.: 5.599 min  
Delta R.T.: -0.007 min  
Response: 422909633  
Conc: 42.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



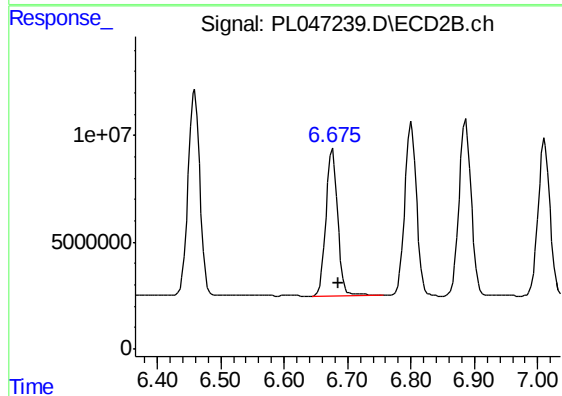
#13 Dieldrin

R.T.: 6.459 min  
Delta R.T.: -0.008 min  
Response: 121781931  
Conc: 44.93 ng/ml



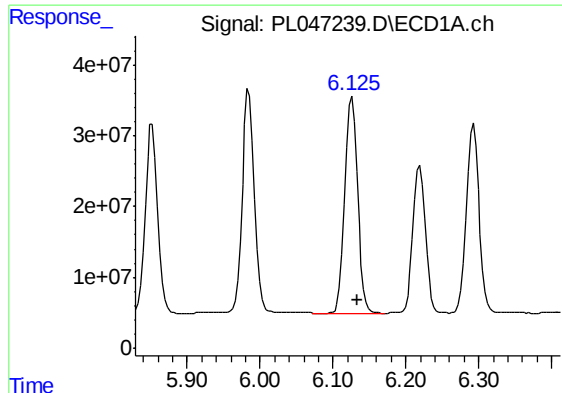
#14 Endrin

R.T.: 5.852 min  
Delta R.T.: -0.008 min  
Response: 319813522  
Conc: 33.95 ng/ml



#14 Endrin

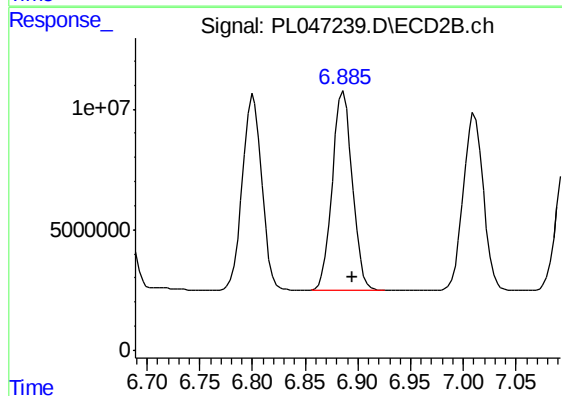
R.T.: 6.676 min  
Delta R.T.: -0.008 min  
Response: 89120950  
Conc: 37.29 ng/ml



#15 Endosulfan II

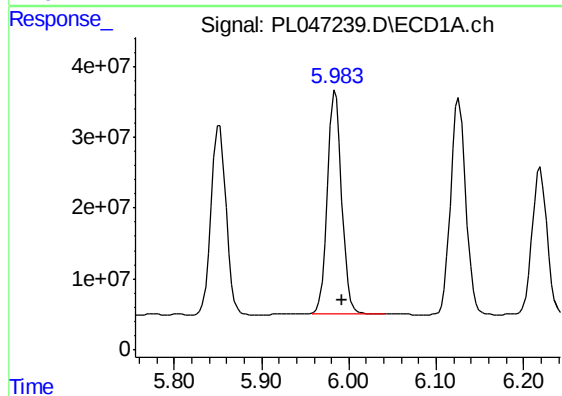
R.T.: 6.126 min  
Delta R.T.: -0.008 min  
Response: 369037051  
Conc: 41.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



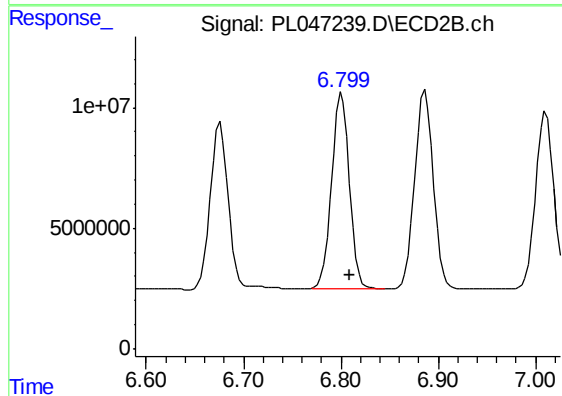
#15 Endosulfan II

R.T.: 6.886 min  
Delta R.T.: -0.008 min  
Response: 108629582  
Conc: 45.02 ng/ml



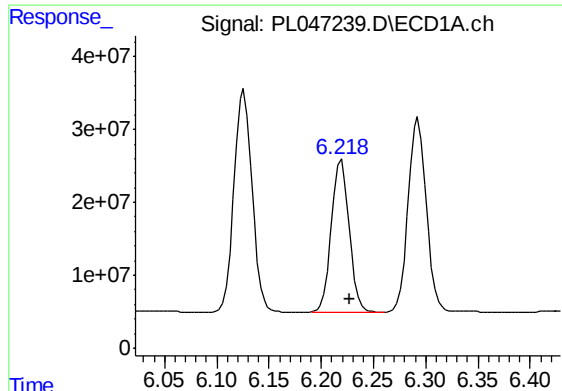
#16 4,4'-DDD

R.T.: 5.985 min  
Delta R.T.: -0.008 min  
Response: 361438748  
Conc: 47.82 ng/ml



#16 4,4'-DDD

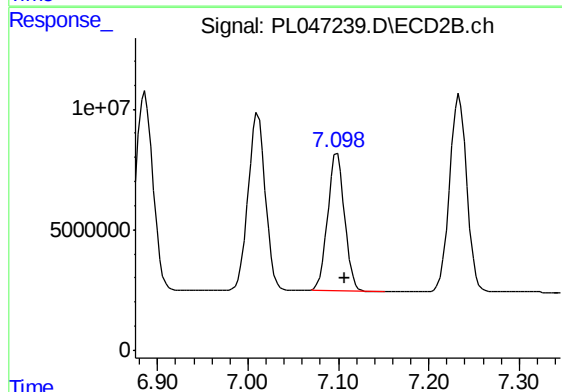
R.T.: 6.801 min  
Delta R.T.: -0.008 min  
Response: 103304007  
Conc: 51.34 ng/ml



#17 4,4'-DDT

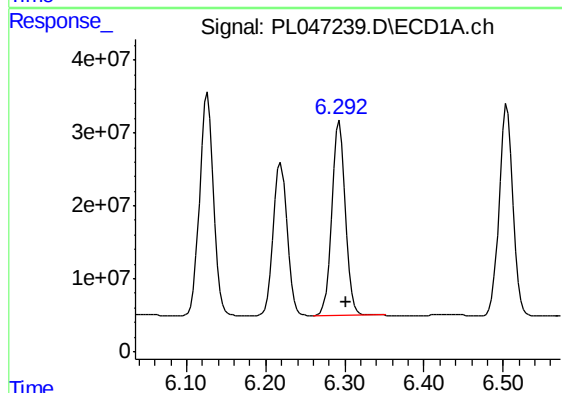
R.T.: 6.219 min  
Delta R.T.: -0.008 min  
Response: 247008520  
Conc: 32.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



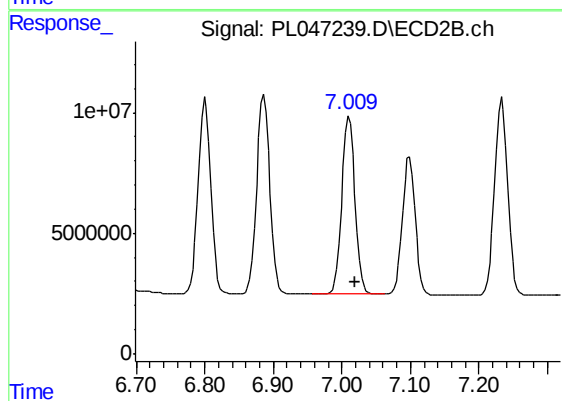
#17 4,4'-DDT

R.T.: 7.099 min  
Delta R.T.: -0.008 min  
Response: 73807911  
Conc: 35.20 ng/ml



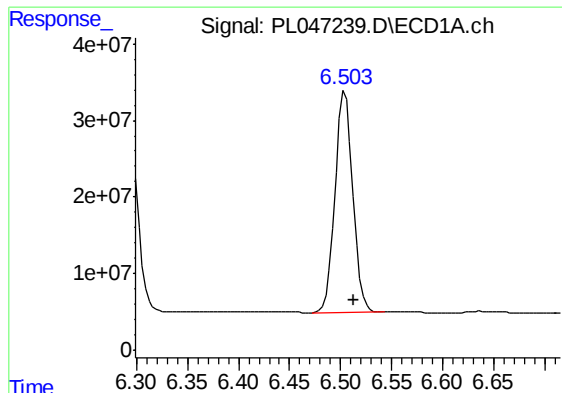
#18 Endrin aldehyde

R.T.: 6.293 min  
Delta R.T.: -0.009 min  
Response: 321835262  
Conc: 42.94 ng/ml



#18 Endrin aldehyde

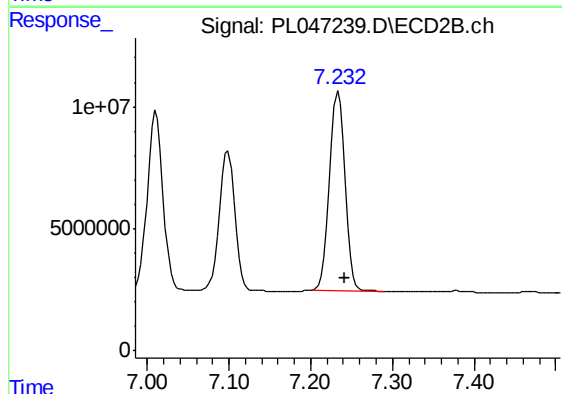
R.T.: 7.011 min  
Delta R.T.: -0.008 min  
Response: 97547681  
Conc: 45.93 ng/ml



#19 Endosulfan Sulfate

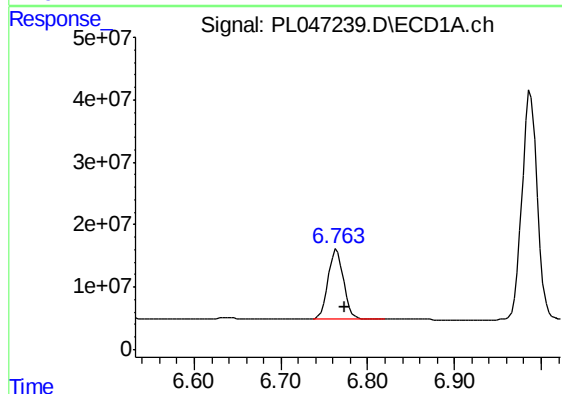
R.T.: 6.504 min  
Delta R.T.: -0.008 min  
Response: 349044769  
Conc: 42.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



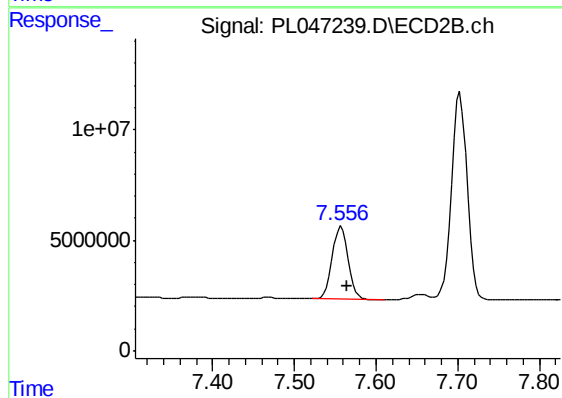
#19 Endosulfan Sulfate

R.T.: 7.234 min  
Delta R.T.: -0.008 min  
Response: 108037876  
Conc: 45.80 ng/ml



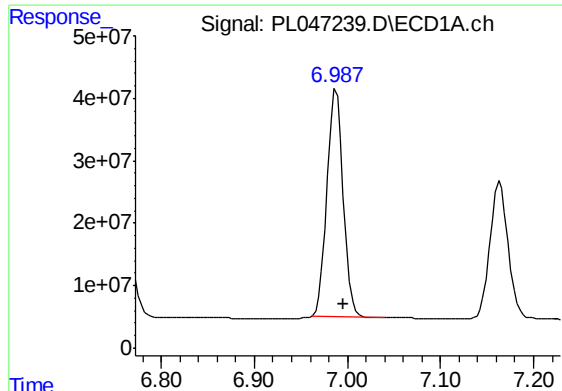
#20 Methoxychlor

R.T.: 6.764 min  
Delta R.T.: -0.009 min  
Response: 138777209  
Conc: 32.65 ng/ml



#20 Methoxychlor

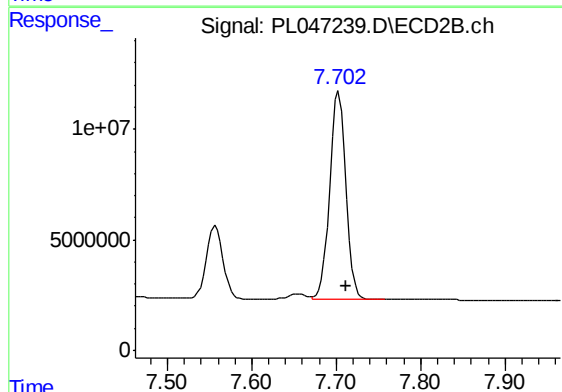
R.T.: 7.557 min  
Delta R.T.: -0.008 min  
Response: 44485749  
Conc: 34.90 ng/ml



#21 Endrin ketone

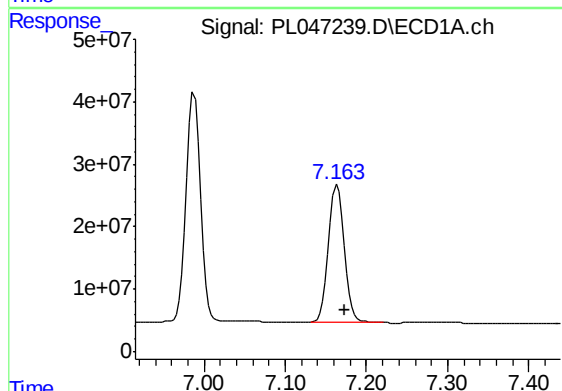
R.T.: 6.988 min  
Delta R.T.: -0.008 min  
Response: 441438650  
Conc: 47.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



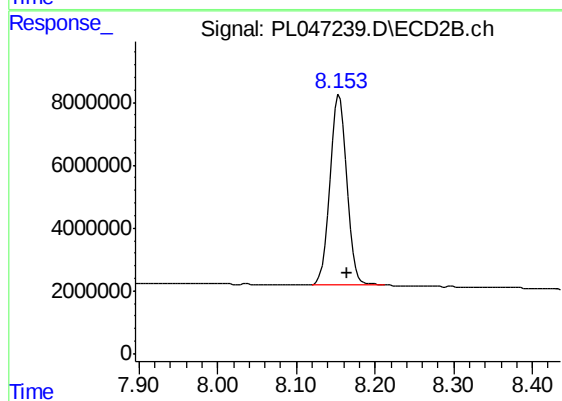
#21 Endrin ketone

R.T.: 7.703 min  
Delta R.T.: -0.009 min  
Response: 124730698  
Conc: 50.20 ng/ml



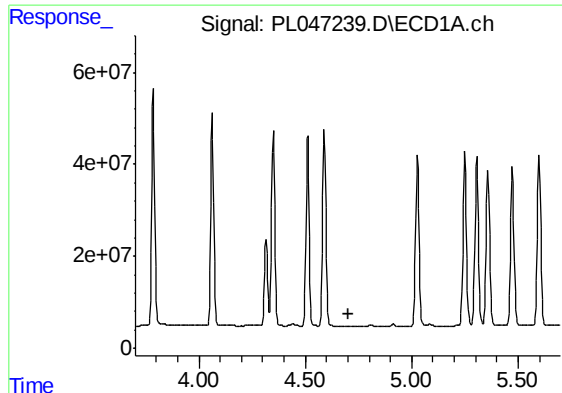
#22 Mirex

R.T.: 7.164 min  
Delta R.T.: -0.009 min  
Response: 298174480  
Conc: 40.93 ng/ml



#22 Mirex

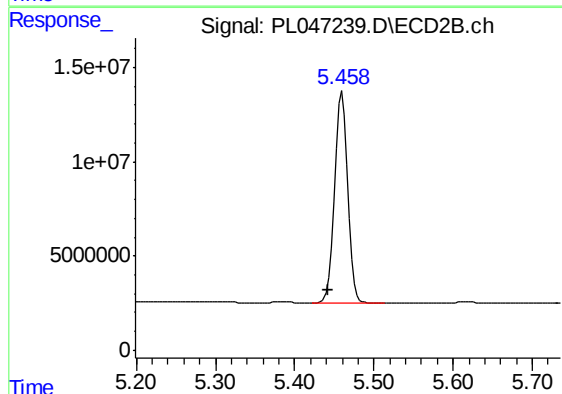
R.T.: 8.154 min  
Delta R.T.: -0.010 min  
Response: 91723247  
Conc: 45.86 ng/ml



#24 Chlordane-2

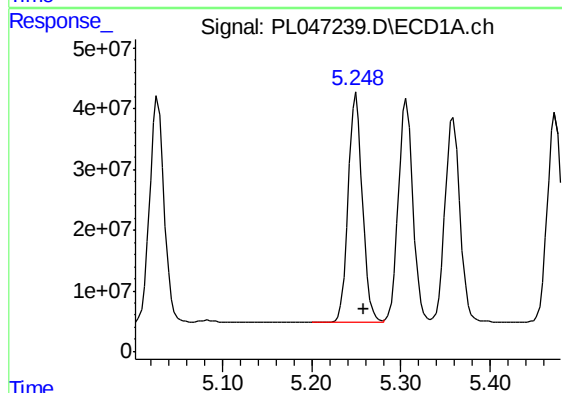
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



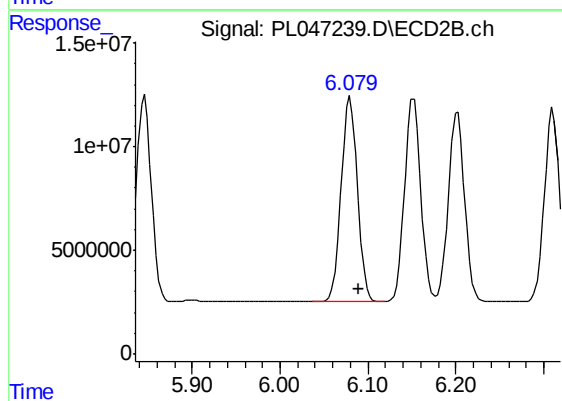
#24 Chlordane-2

R.T.: 5.460 min  
Delta R.T.: 0.017 min  
Response: 132590491  
Conc: 1135.10 ng/ml



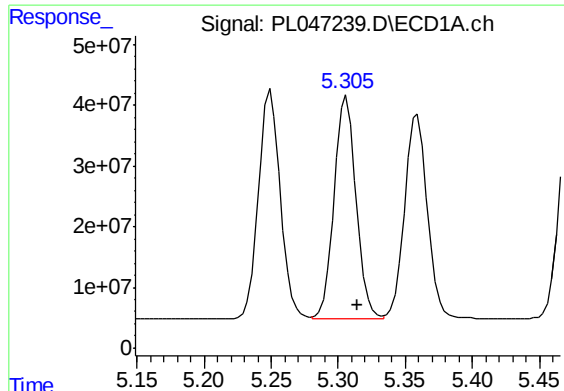
#25 Chlordane-3

R.T.: 5.250 min  
Delta R.T.: -0.008 min  
Response: 425541385  
Conc: 382.11 ng/ml



#25 Chlordane-3

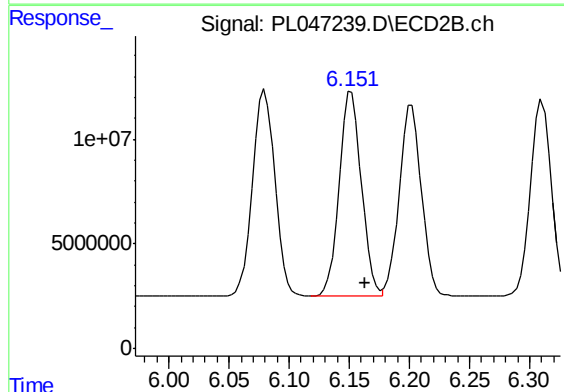
R.T.: 6.080 min  
Delta R.T.: -0.009 min  
Response: 127680542  
Conc: 334.88 ng/ml



#26 Chlordane-4

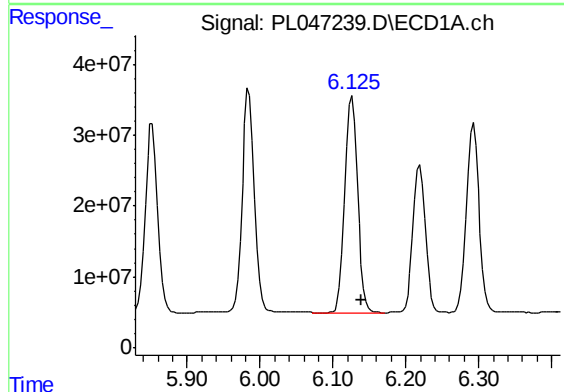
R.T.: 5.306 min  
Delta R.T.: -0.008 min  
Response: 416212872  
Conc: 402.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



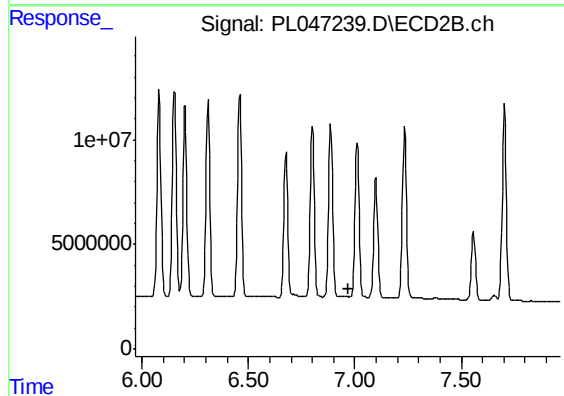
#26 Chlordane-4

R.T.: 6.152 min  
Delta R.T.: -0.011 min  
Response: 126315453  
Conc: 273.75 ng/ml



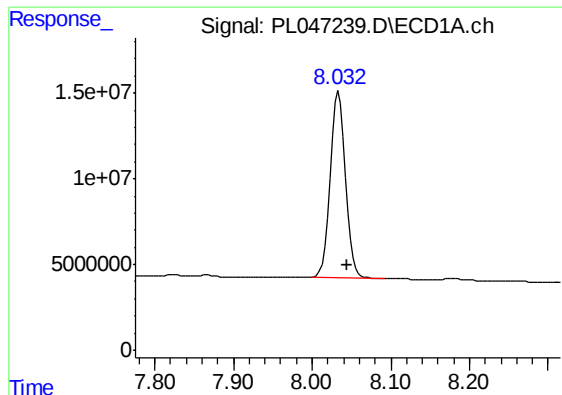
#27 Chlordane-5

R.T.: 6.126 min  
Delta R.T.: -0.013 min  
Response: 369037051  
Conc: 1081.37 ng/ml



#27 Chlordane-5

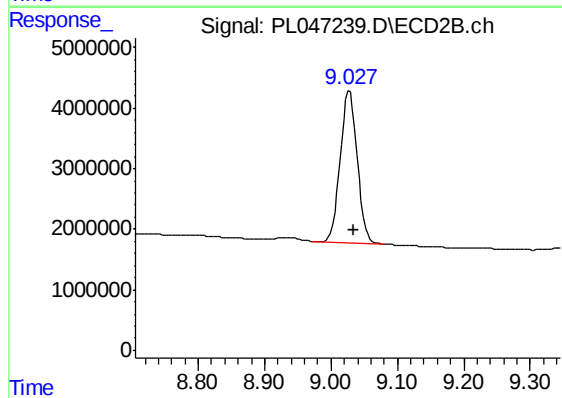
R.T.: 0.000 min  
Exp R.T. : 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.034 min  
Delta R.T.: -0.011 min  
Response: 149272304  
Conc: 17.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118781BSD



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: -0.007 min  
Response: 44776346  
Conc: 19.31 ng/ml