

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072920\  
 Data File : PL060316.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Jul 2020 09:35  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 29 13:08:18 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 2020  
 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... | 3.472 | 4.024  | 99159991 | 132.0E6  | 51.266   | 49.792     |
| 28)                         | SA Decachlor... | 8.222 | 9.097  | 74811392 | 87544366 | 45.475   | 41.859     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.913 | 4.409  | 144.8E6  | 193.0E6  | 50.386   | 50.002     |
| 3)                          | MA gamma-BHC... | 4.195 | 4.693  | 129.6E6  | 182.0E6  | 52.459   | 50.181     |
| 4)                          | MA Heptachlor   | 4.494 | 5.202  | 116.5E6  | 168.6E6  | 51.949   | 50.128     |
| 5)                          | MB Aldrin       | 4.741 | 5.507  | 100.8E6  | 152.8E6  | 51.108   | 49.061     |
| 6)                          | B beta-BHC      | 4.443 | 4.862  | 52141567 | 75616208 | 51.056   | 50.016     |
| 7)                          | B delta-BHC     | 4.646 | 5.079  | 116.0E6  | 149.5E6  | 52.166   | 47.989     |
| 8)                          | B Heptachlo...  | 5.183 | 5.893  | 94197842 | 140.6E6  | 51.320   | 52.223     |
| 9)                          | A Endosulfan I  | 5.520 | 6.250  | 86345921 | 132.1E6  | 51.327   | 49.544     |
| 10)                         | B gamma-Chl...  | 5.409 | 6.127  | 92944102 | 143.1E6  | 51.233   | 49.967     |
| 11)                         | B alpha-Chl...  | 5.467 | 6.200  | 92228655 | 143.2E6  | 51.144   | 50.074     |
| 12)                         | B 4,4'-DDE      | 5.632 | 6.357  | 86154506 | 131.0E6  | 51.734   | 48.934     |
| 13)                         | MA Dieldrin     | 5.763 | 6.507  | 90281674 | 136.1E6  | 51.164   | 49.215     |
| 14)                         | MA Endrin       | 6.019 | 6.725  | 81652633 | 112.2E6  | 56.097   | 52.709     |
| 15)                         | B Endosulfa...  | 6.292 | 6.934  | 83208110 | 123.0E6  | 49.821   | 48.988     |
| 16)                         | A 4,4'-DDD      | 6.147 | 6.847  | 78352526 | 121.2E6  | 51.327   | 52.818     |
| 17)                         | MA 4,4'-DDT     | 6.387 | 7.146  | 64358297 | 91169511 | 49.500   | 46.301     |
| 18)                         | B Endrin al...  | 6.459 | 7.058  | 70660664 | 105.6E6  | 49.532   | 48.632     |
| 19)                         | B Endosulfa...  | 6.673 | 7.281  | 80213470 | 107.2E6  | 48.798   | 45.851     |
| 20)                         | A Methoxychlor  | 6.933 | 7.605  | 39473084 | 56157080 | 52.773   | 49.467     |
| 21)                         | B Endrin ke...  | 7.162 | 7.753  | 87853491 | 110.3E6  | 46.811   | 42.718     |
| 22)                         | Mirex           | 7.352 | 8.209  | 67249657 | 71955439 | 47.270   | 38.932     |
| 23)                         | Chlordane-1     | 4.341 | 0.000  | 918126   | 0        | 14.986   | N.D. #     |
| 24)                         | Chlordane-2     | 4.840 | 5.507f | 2912612  | 152.8E6  | 46.002   | 1333.712 # |
| 25)                         | Chlordane-3     | 5.409 | 6.127  | 92944102 | 143.1E6  | 549.590  | 369.807 #  |
| 26)                         | Chlordane-4     | 5.467 | 6.200  | 92228655 | 143.2E6  | 661.045  | 309.296 #  |
| 27)                         | Chlordane-5     | 6.292 | 0.000  | 83208110 | 0        | 1466.469 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

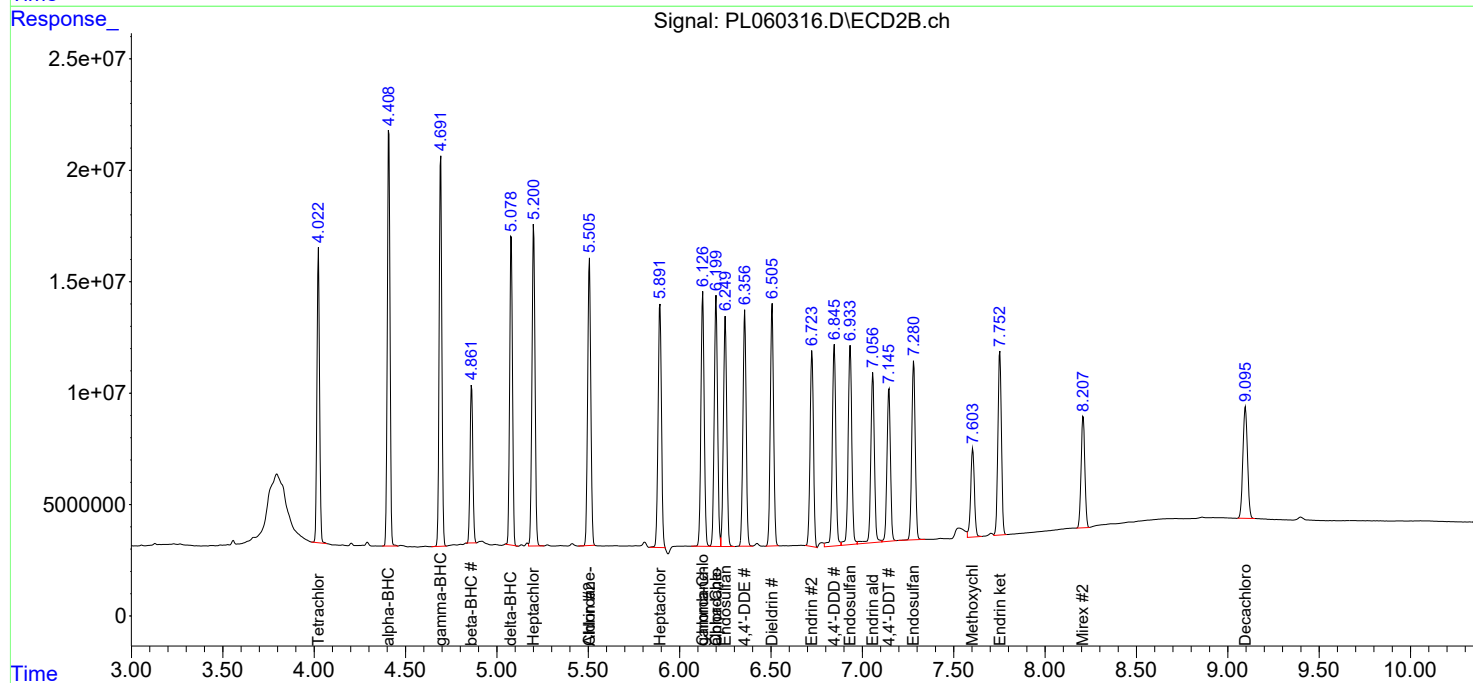
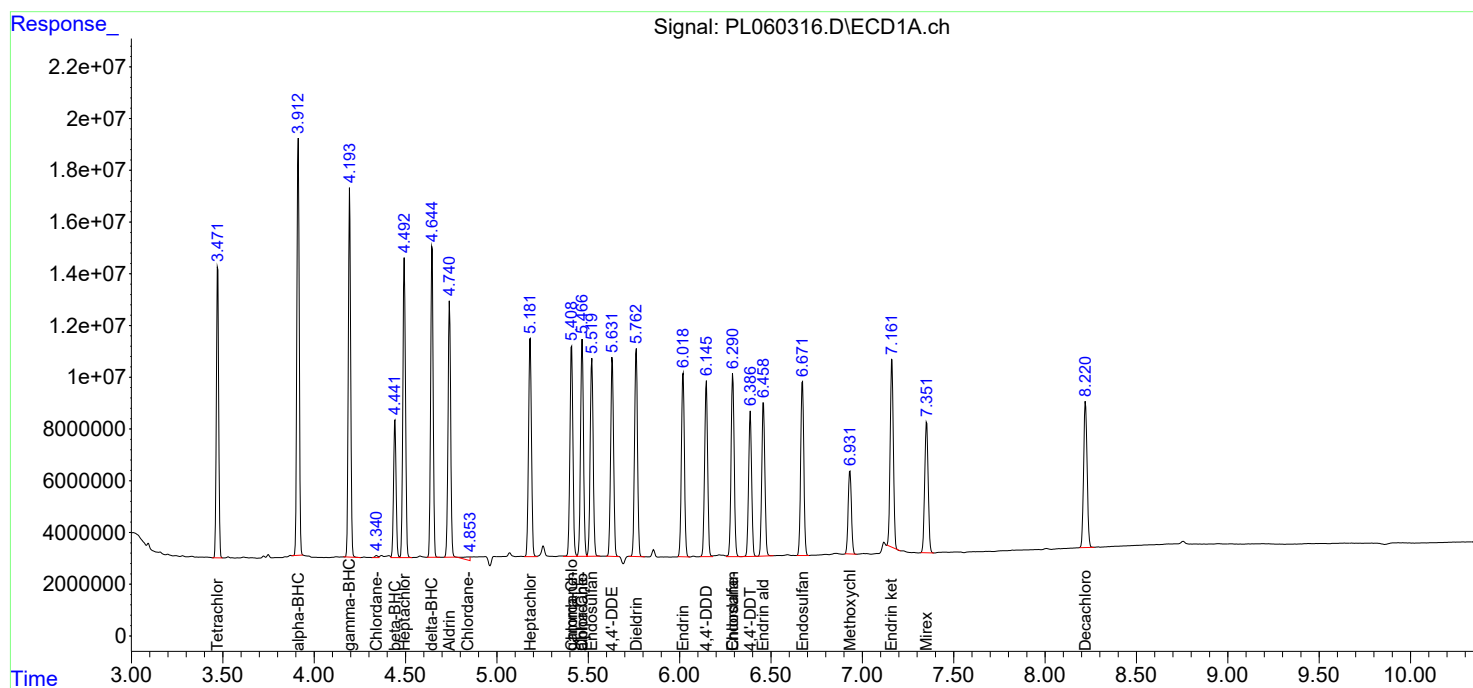
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

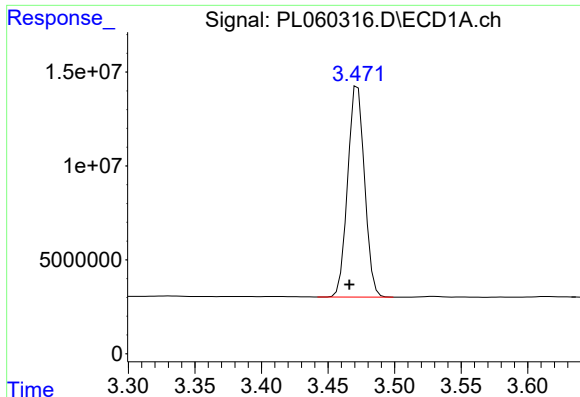
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072920\  
Data File : PL060316.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Jul 2020 09:35  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 29 13:08:18 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 2020  
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

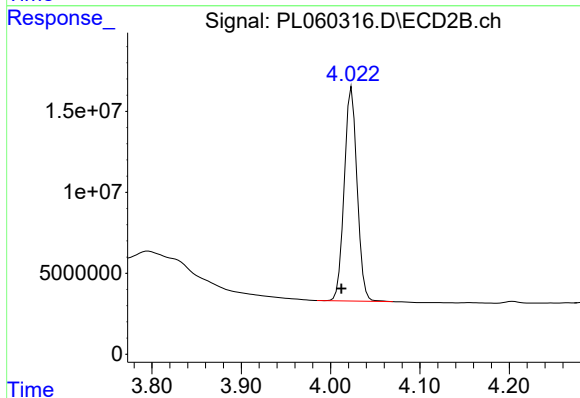




#1 Tetrachloro-m-xylene

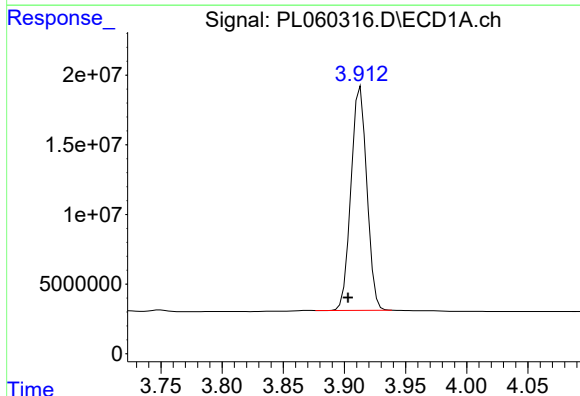
R.T.: 3.472 min  
Delta R.T.: 0.006 min  
Response: 99159991  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



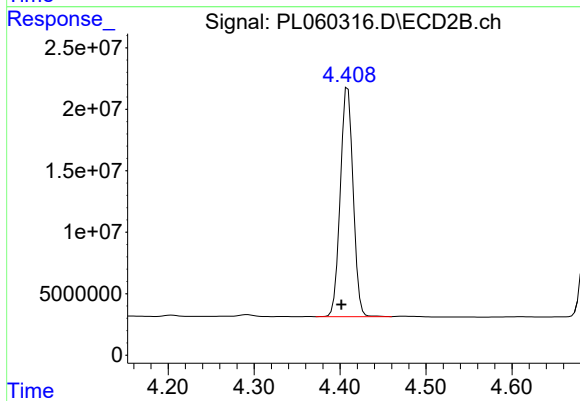
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.011 min  
Response: 131958404  
Conc: 49.79 ng/ml



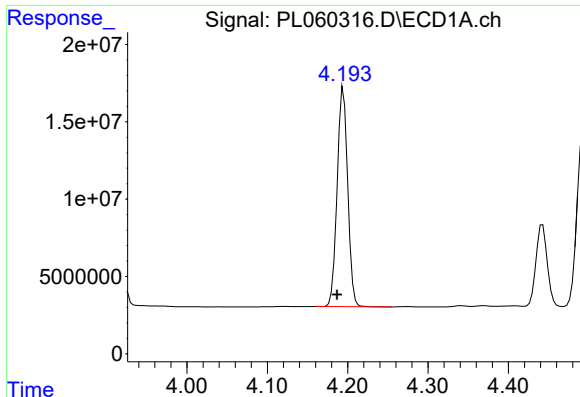
#2 alpha-BHC

R.T.: 3.913 min  
Delta R.T.: 0.010 min  
Response: 144826008  
Conc: 50.39 ng/ml



#2 alpha-BHC

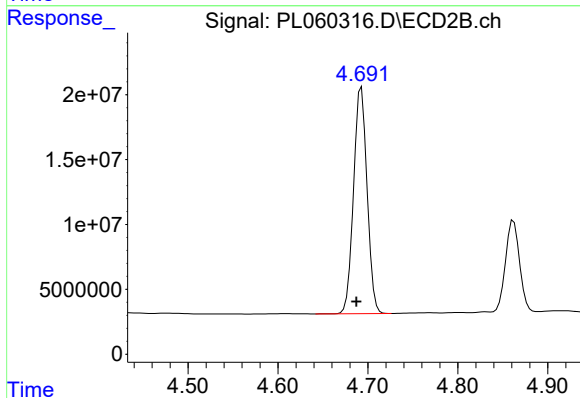
R.T.: 4.409 min  
Delta R.T.: 0.007 min  
Response: 193037449  
Conc: 50.00 ng/ml



#3 gamma-BHC (Lindane)

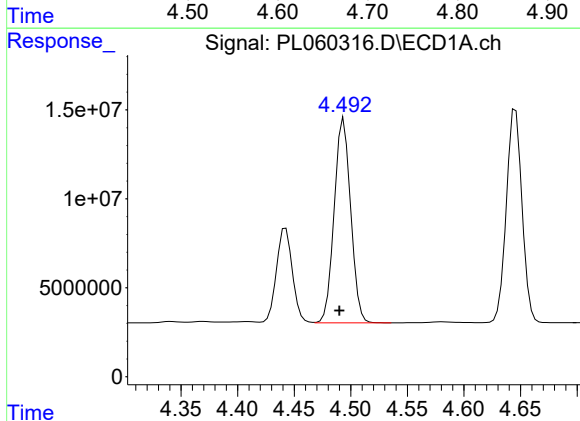
R.T.: 4.195 min  
Delta R.T.: 0.008 min  
Response: 129554755  
Conc: 52.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



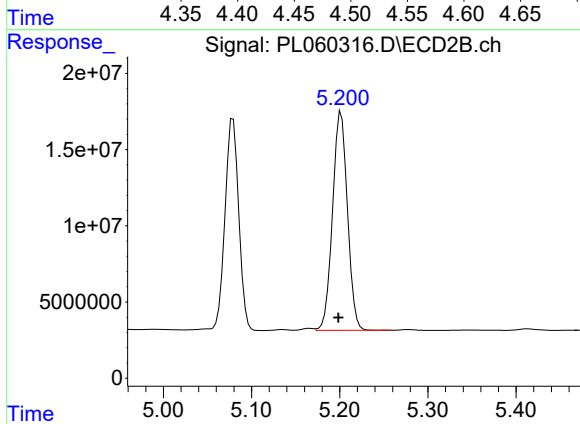
#3 gamma-BHC (Lindane)

R.T.: 4.693 min  
Delta R.T.: 0.006 min  
Response: 182001996  
Conc: 50.18 ng/ml



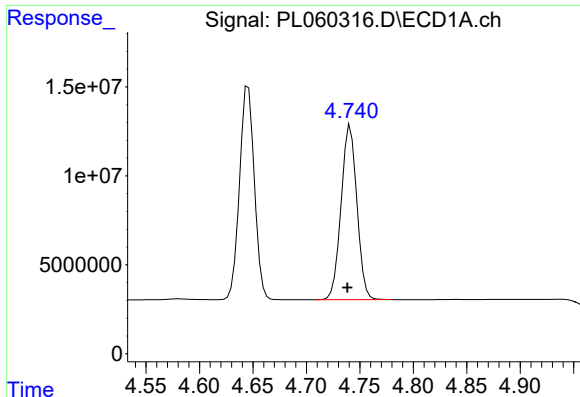
#4 Heptachlor

R.T.: 4.494 min  
Delta R.T.: 0.004 min  
Response: 116508324  
Conc: 51.95 ng/ml



#4 Heptachlor

R.T.: 5.202 min  
Delta R.T.: 0.003 min  
Response: 168636103  
Conc: 50.13 ng/ml



#5 Aldrin

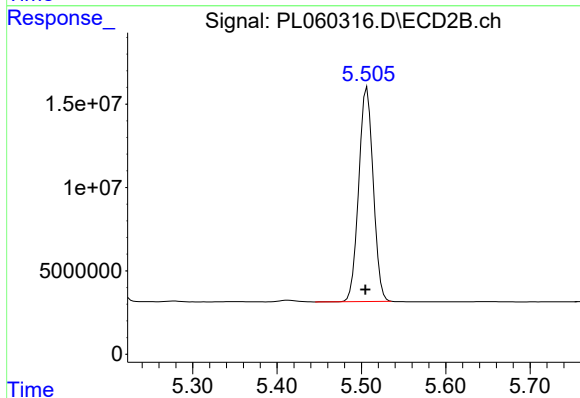
R.T.: 4.741 min

Delta R.T.: 0.003 min

Response: 100848777

Conc: 51.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



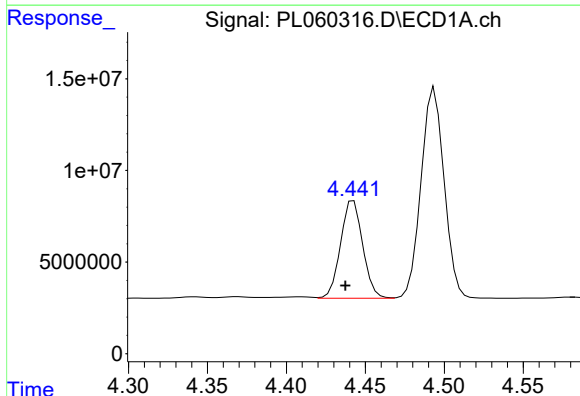
#5 Aldrin

R.T.: 5.507 min

Delta R.T.: 0.002 min

Response: 152810213

Conc: 49.06 ng/ml



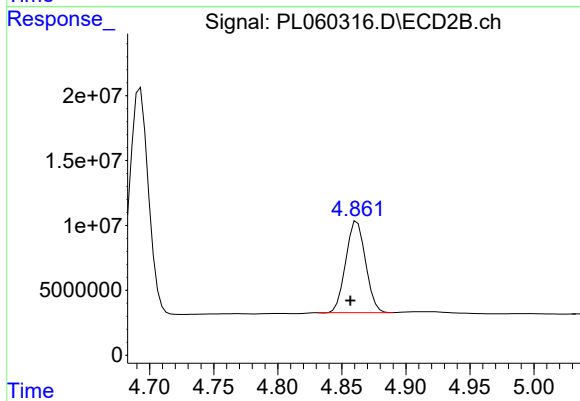
#6 beta-BHC

R.T.: 4.443 min

Delta R.T.: 0.005 min

Response: 52141567

Conc: 51.06 ng/ml



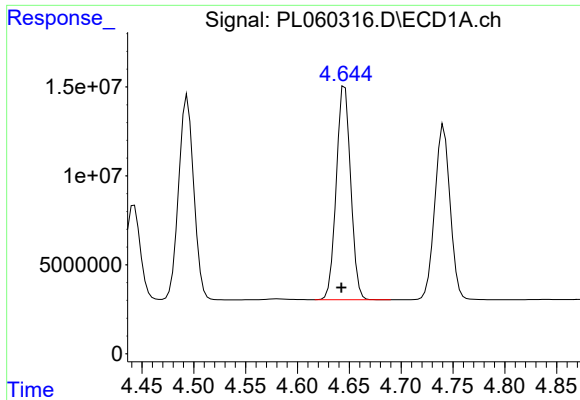
#6 beta-BHC

R.T.: 4.862 min

Delta R.T.: 0.005 min

Response: 75616208

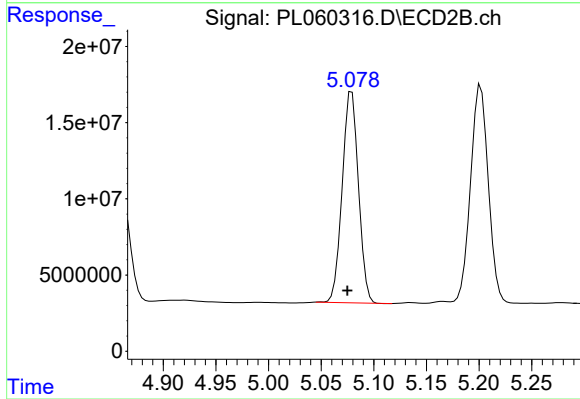
Conc: 50.02 ng/ml



#7 delta-BHC

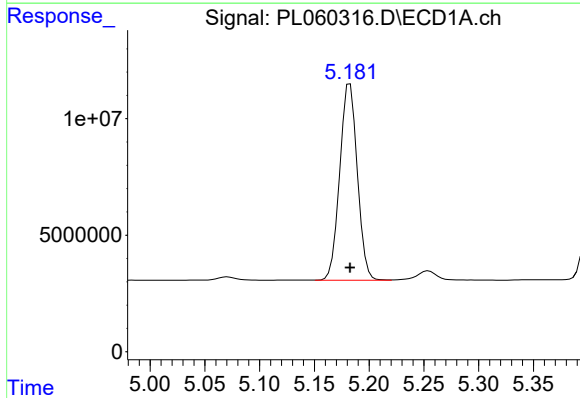
R.T.: 4.646 min  
Delta R.T.: 0.003 min  
Response: 115967560  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



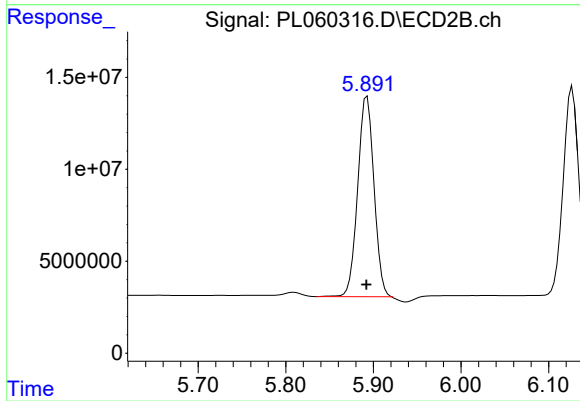
#7 delta-BHC

R.T.: 5.079 min  
Delta R.T.: 0.004 min  
Response: 149518577  
Conc: 47.99 ng/ml



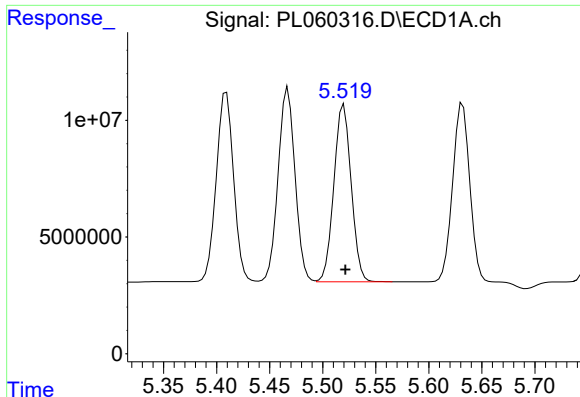
#8 Heptachlor epoxide

R.T.: 5.183 min  
Delta R.T.: 0.000 min  
Response: 94197842  
Conc: 51.32 ng/ml



#8 Heptachlor epoxide

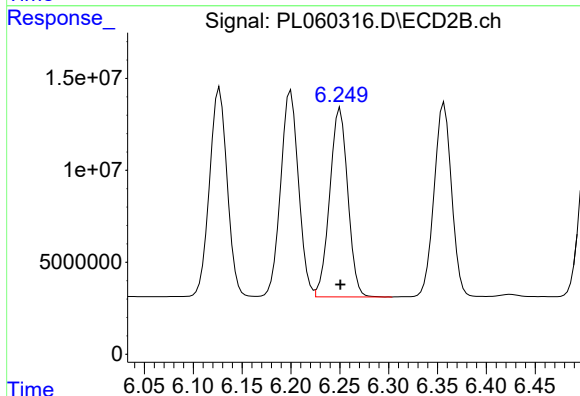
R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 140648911  
Conc: 52.22 ng/ml



#9 Endosulfan I

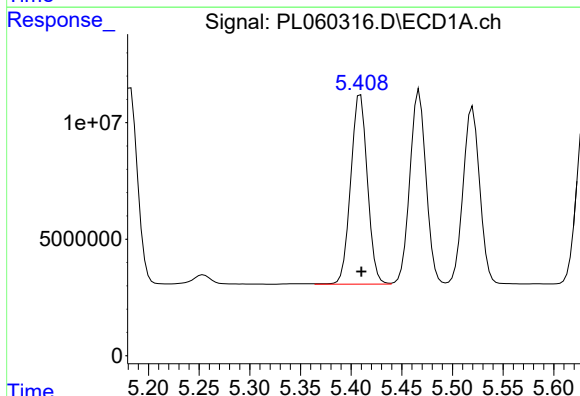
R.T.: 5.520 min  
Delta R.T.: -0.002 min  
Response: 86345921  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



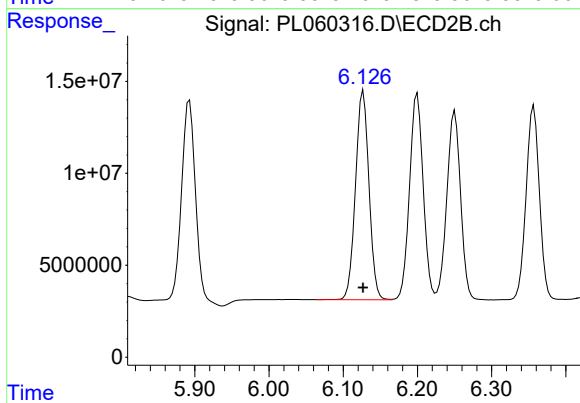
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 132149144  
Conc: 49.54 ng/ml



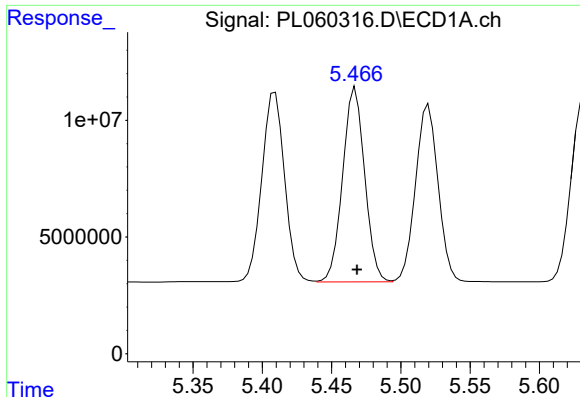
#10 gamma-Chlordane

R.T.: 5.409 min  
Delta R.T.: 0.000 min  
Response: 92944102  
Conc: 51.23 ng/ml



#10 gamma-Chlordane

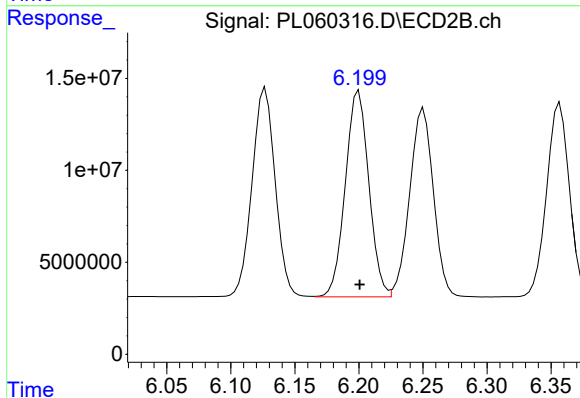
R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 143084929  
Conc: 49.97 ng/ml



#11 alpha-Chlordane

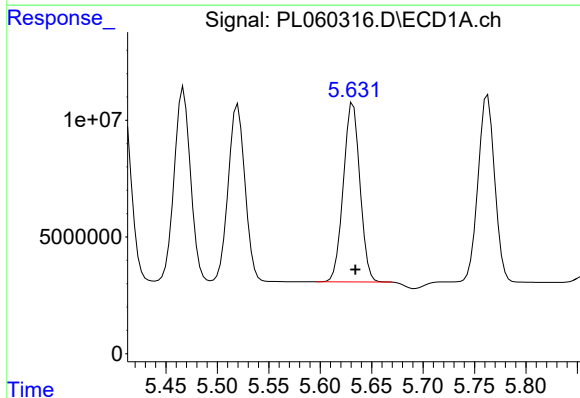
R.T.: 5.467 min  
Delta R.T.: -0.001 min  
Response: 92228655  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



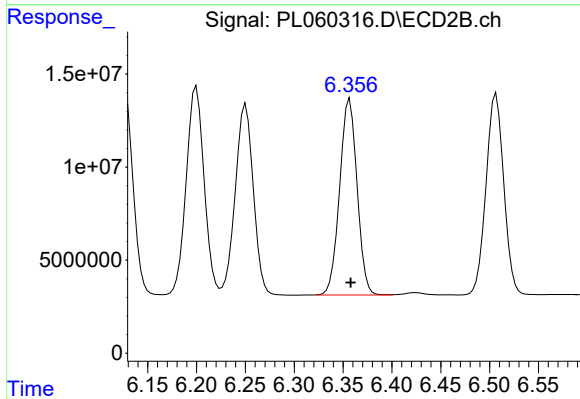
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 143173107  
Conc: 50.07 ng/ml



#12 4,4'-DDE

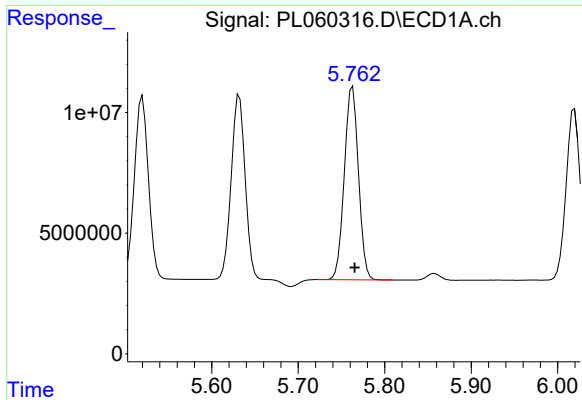
R.T.: 5.632 min  
Delta R.T.: -0.002 min  
Response: 86154506  
Conc: 51.73 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: -0.001 min  
Response: 130979389  
Conc: 48.93 ng/ml

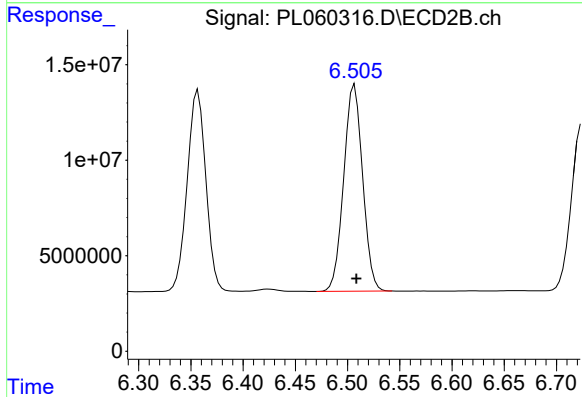




#13 Dieldrin

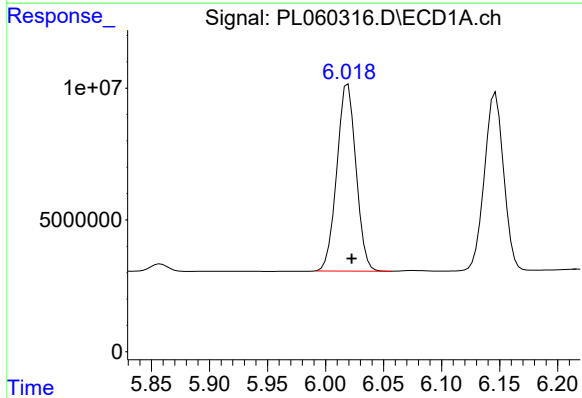
R.T.: 5.763 min  
Delta R.T.: -0.003 min  
Response: 90281674  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



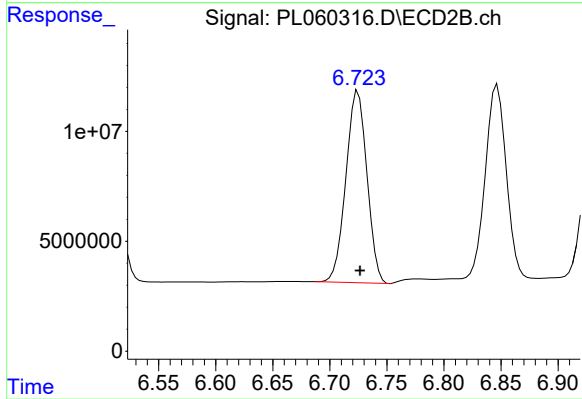
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: -0.002 min  
Response: 136140502  
Conc: 49.22 ng/ml



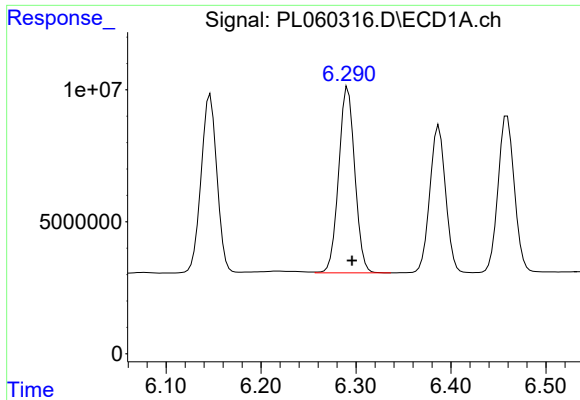
#14 Endrin

R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 81652633  
Conc: 56.10 ng/ml



#14 Endrin

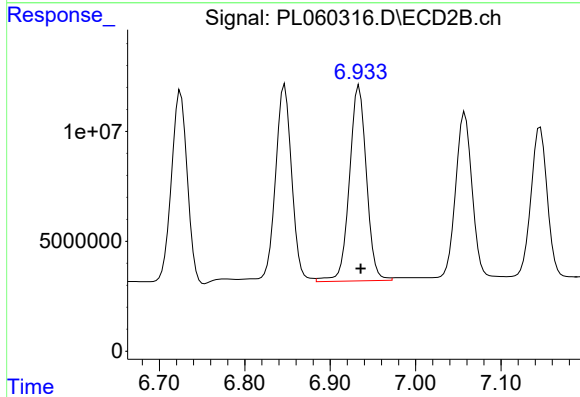
R.T.: 6.725 min  
Delta R.T.: -0.002 min  
Response: 112170262  
Conc: 52.71 ng/ml



#15 Endosulfan II

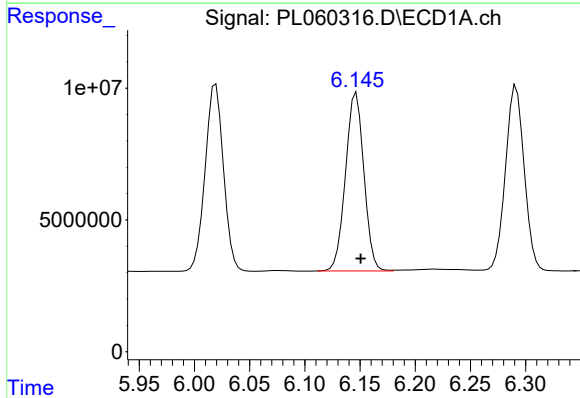
R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 83208110  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



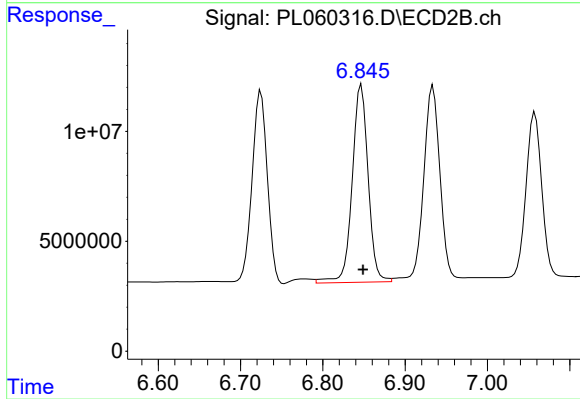
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 123040078  
Conc: 48.99 ng/ml



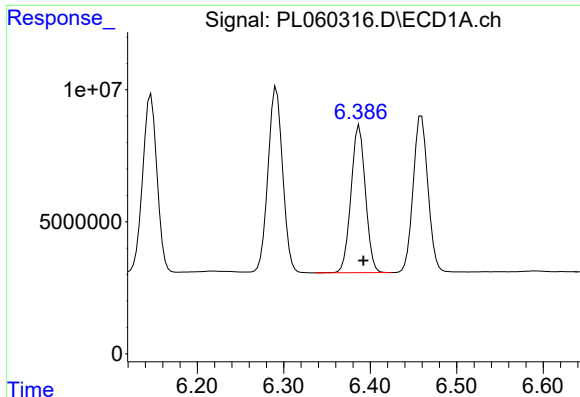
#16 4,4'-DDD

R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 78352526  
Conc: 51.33 ng/ml



#16 4,4'-DDD

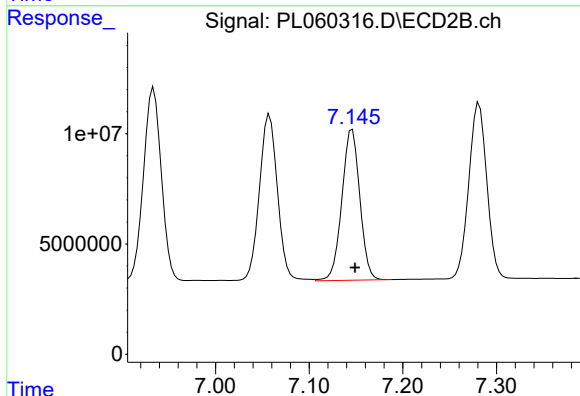
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 121244689  
Conc: 52.82 ng/ml



#17 4,4'-DDT

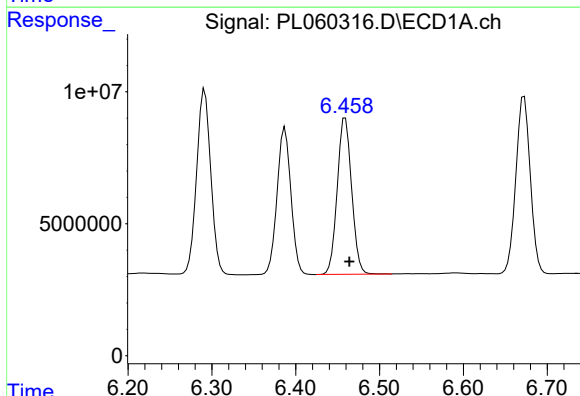
R.T.: 6.387 min  
Delta R.T.: -0.005 min  
Response: 64358297  
Conc: 49.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



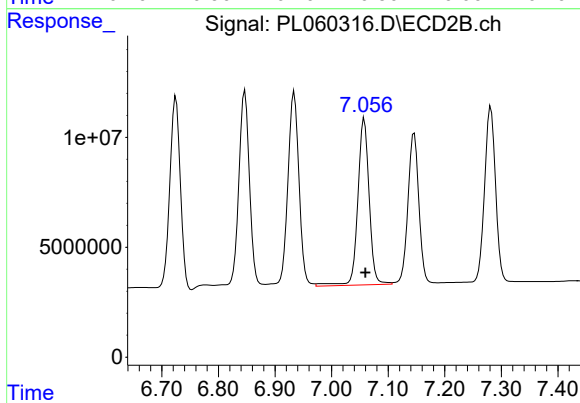
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.003 min  
Response: 91169511  
Conc: 46.30 ng/ml



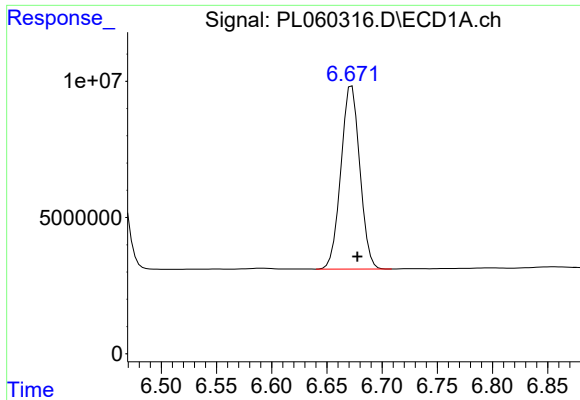
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: -0.005 min  
Response: 70660664  
Conc: 49.53 ng/ml



#18 Endrin aldehyde

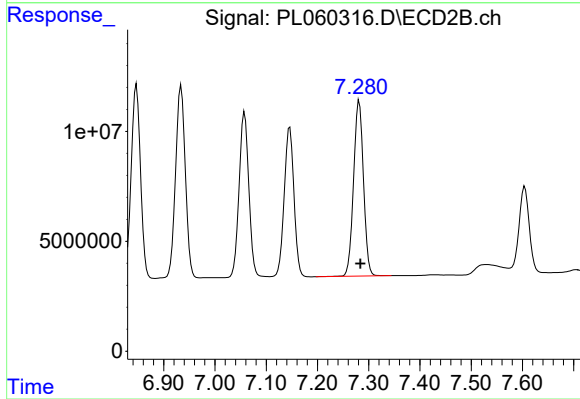
R.T.: 7.058 min  
Delta R.T.: -0.002 min  
Response: 105620967  
Conc: 48.63 ng/ml



#19 Endosulfan Sulfate

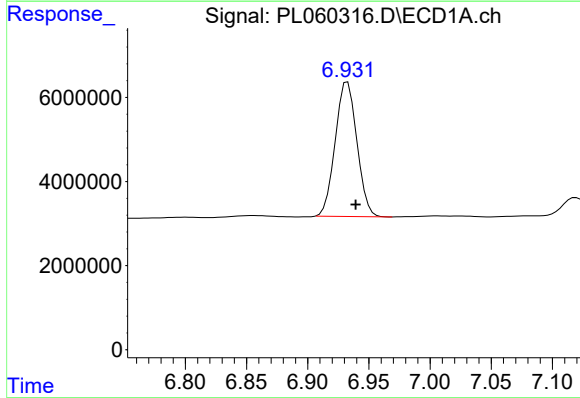
R.T.: 6.673 min  
Delta R.T.: -0.005 min  
Response: 80213470  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



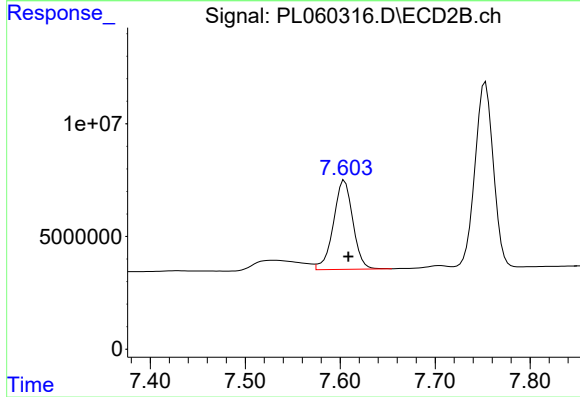
#19 Endosulfan Sulfate

R.T.: 7.281 min  
Delta R.T.: -0.002 min  
Response: 107241723  
Conc: 45.85 ng/ml



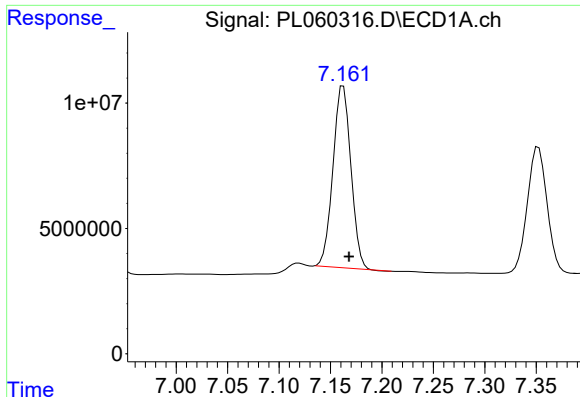
#20 Methoxychlor

R.T.: 6.933 min  
Delta R.T.: -0.007 min  
Response: 39473084  
Conc: 52.77 ng/ml



#20 Methoxychlor

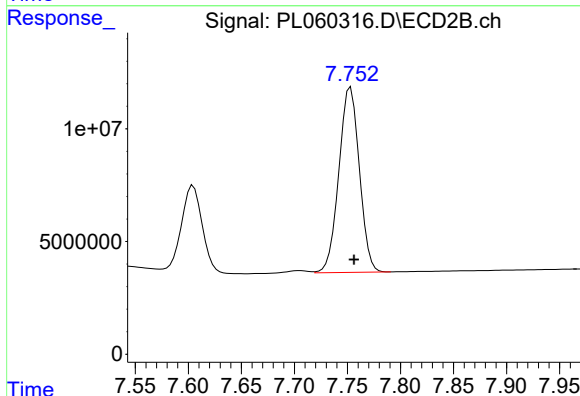
R.T.: 7.605 min  
Delta R.T.: -0.004 min  
Response: 56157080  
Conc: 49.47 ng/ml



#21 Endrin ketone

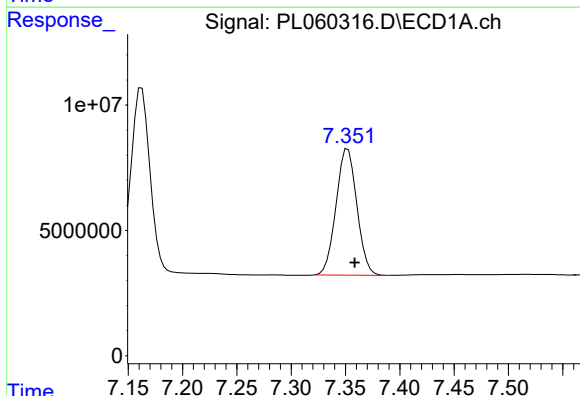
R.T.: 7.162 min  
Delta R.T.: -0.005 min  
Response: 87853491  
Conc: 46.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



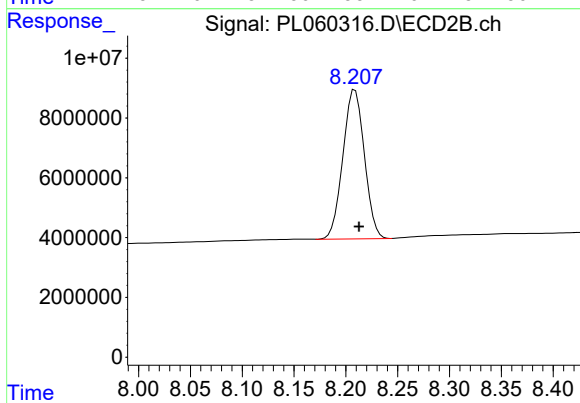
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.003 min  
Response: 110327138  
Conc: 42.72 ng/ml



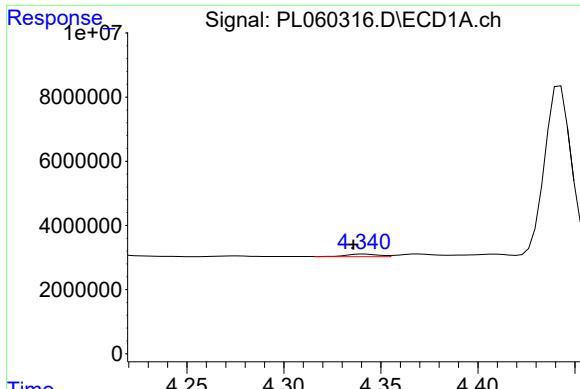
#22 Mirex

R.T.: 7.352 min  
Delta R.T.: -0.006 min  
Response: 67249657  
Conc: 47.27 ng/ml



#22 Mirex

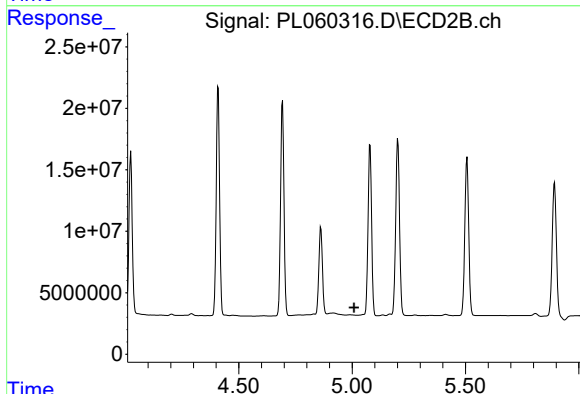
R.T.: 8.209 min  
Delta R.T.: -0.004 min  
Response: 71955439  
Conc: 38.93 ng/ml



#23 Chlordane-1

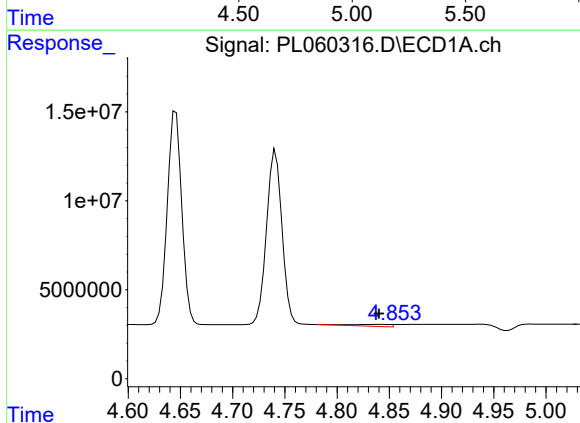
R.T.: 4.341 min  
Delta R.T.: 0.006 min  
Response: 918126  
Conc: 14.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



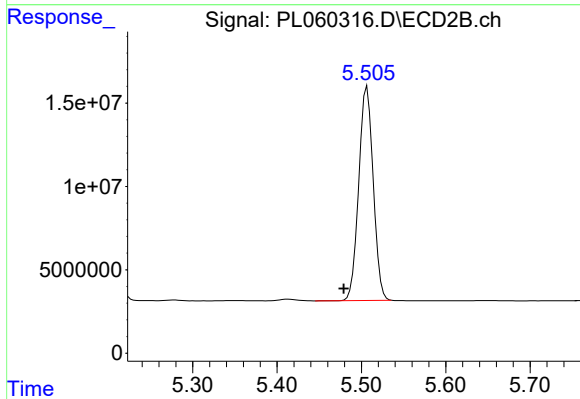
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.009 min  
Response: 0  
Conc: N.D.



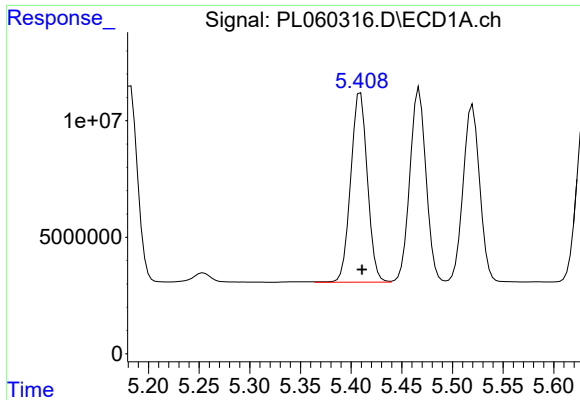
#24 Chlordane-2

R.T.: 4.840 min  
Delta R.T.: 0.000 min  
Response: 2912612  
Conc: 46.00 ng/ml



#24 Chlordane-2

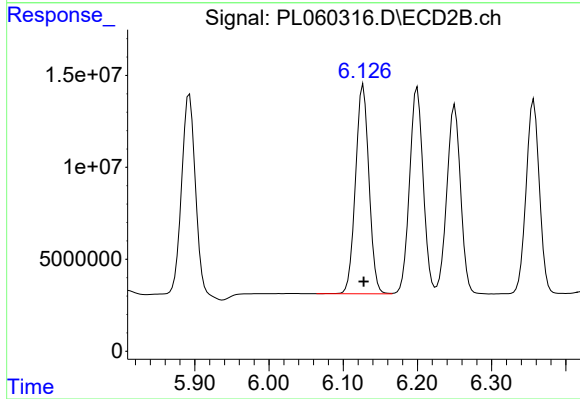
R.T.: 5.507 min  
Delta R.T.: 0.028 min  
Response: 152810213  
Conc: 1333.71 ng/ml



#25 Chlordane-3

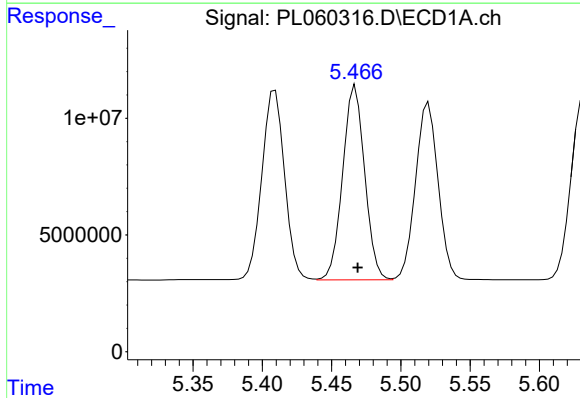
R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 92944102  
Conc: 549.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



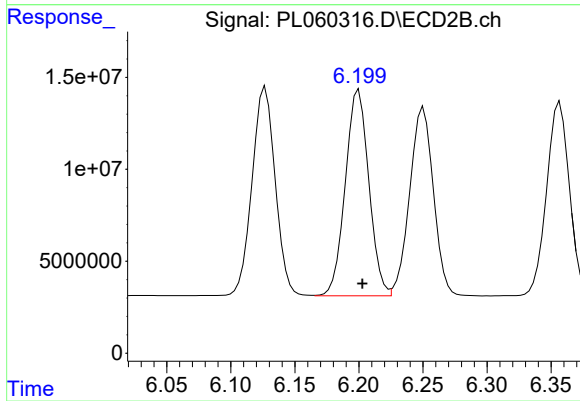
#25 Chlordane-3

R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 143084929  
Conc: 369.81 ng/ml



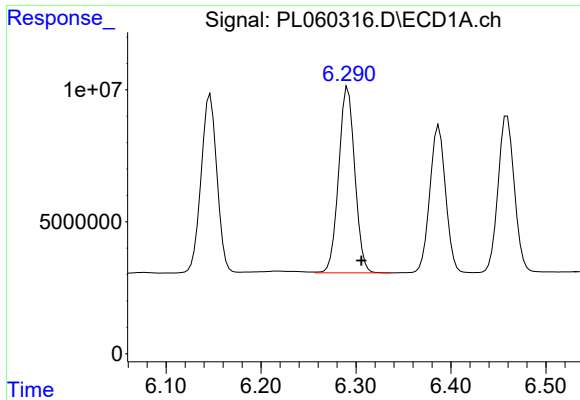
#26 Chlordane-4

R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 92228655  
Conc: 661.04 ng/ml



#26 Chlordane-4

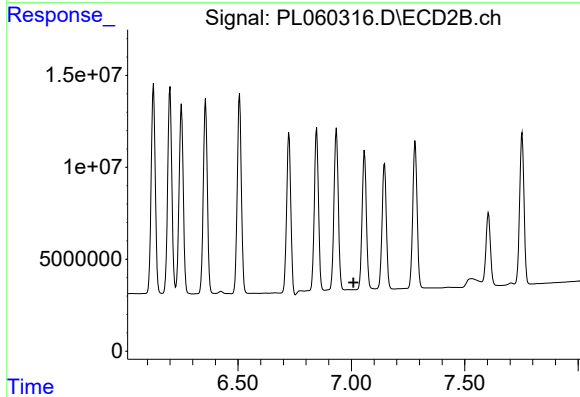
R.T.: 6.200 min  
Delta R.T.: -0.003 min  
Response: 143173107  
Conc: 309.30 ng/ml



#27 Chlordane-5

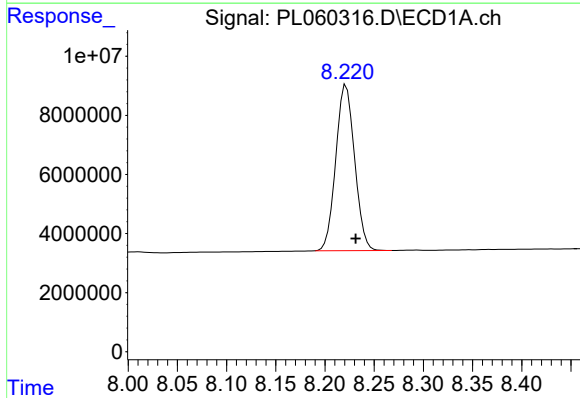
R.T.: 6.292 min  
Delta R.T.: -0.014 min  
Response: 83208110  
Conc: 1466.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



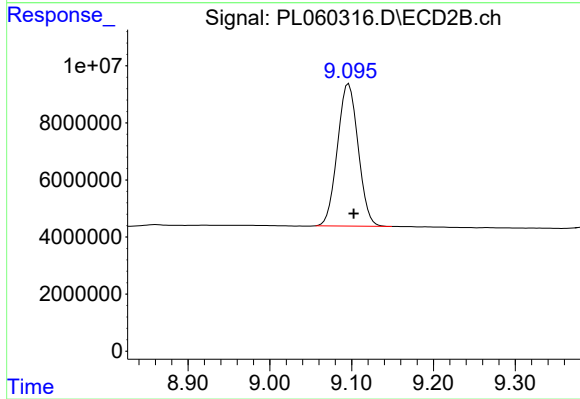
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.222 min  
Delta R.T.: -0.010 min  
Response: 74811392  
Conc: 45.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: -0.006 min  
Response: 87544366  
Conc: 41.86 ng/ml