

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042219\  
 Data File : PL047605.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2019 12:50  
 Operator : AJ\SJ  
 Sample : K2475-01MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-TRACK-8-9MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 01:02:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 19 16:51:53 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... | 3.331 | 3.940  | 186.7E6 | 59513310 | 21.044   | 22.294     |
| 28)                         | SA Decachlor... | 8.003 | 8.973  | 142.1E6 | 40349919 | 14.071   | 13.292     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.759 | 4.328  | 770.4E6 | 183.8E6  | 54.935   | 49.383     |
| 3)                          | MA gamma-BHC... | 4.035 | 4.611  | 708.8E6 | 172.2E6  | 58.569   | 48.732     |
| 4)                          | MA Heptachlor   | 4.321 | 5.114  | 709.2E6 | 171.5E6  | 53.214   | 46.561     |
| 5)                          | MB Aldrin       | 4.560 | 5.417  | 663.5E6 | 154.6E6  | 54.104   | 47.618     |
| 6)                          | B beta-BHC      | 4.289 | 4.784  | 289.5E6 | 78834902 | 52.840   | 47.521     |
| 7)                          | B delta-BHC     | 4.483 | 4.999  | 495.1E6 | 90029773 | 40.006   | 33.551     |
| 8)                          | B Heptachlor... | 4.997 | 5.802  | 602.7E6 | 134.5E6  | 51.473   | 48.586     |
| 9)                          | A Endosulfan I  | 5.328 | 6.157  | 553.0E6 | 130.0E6  | 49.463   | 43.818     |
| 10)                         | B gamma-Chl...  | 5.220 | 6.036  | 629.6E6 | 155.1E6  | 51.475   | 49.054     |
| 11)                         | B alpha-Chl...  | 5.277 | 6.108  | 589.7E6 | 140.4E6  | 49.062   | 43.844     |
| 12)                         | B 4,4'-DDE      | 5.444 | 6.267  | 576.3E6 | 126.0E6  | 49.556   | 42.420     |
| 13)                         | MA Dieldrin     | 5.568 | 6.414  | 631.0E6 | 138.2E6  | 52.972   | 44.855     |
| 14)                         | MA Endrin       | 5.821 | 6.631  | 531.5E6 | 121.8E6  | 47.070   | 44.122     |
| 15)                         | B Endosulfa...  | 6.095 | 6.841  | 478.3E6 | 117.2E6  | 45.168   | 42.276     |
| 16)                         | A 4,4'-DDD      | 5.956 | 6.756  | 412.9E6 | 103.3E6  | 45.474   | 43.458     |
| 17)                         | MA 4,4'-DDT     | 6.190 | 7.054  | 411.1E6 | 101.6E6  | 47.534   | 40.887     |
| 18)                         | B Endrin al...  | 6.262 | 6.965  | 368.2E6 | 98252777 | 41.829   | 40.388     |
| 19)                         | B Endosulfa...  | 6.473 | 7.188  | 424.6E6 | 109.3E6  | 43.741   | 40.972     |
| 20)                         | A Methoxychlor  | 6.735 | 7.513  | 216.7E6 | 60017859 | 45.168   | 41.598     |
| 21)                         | B Endrin ke...  | 6.955 | 7.656  | 464.3E6 | 120.6E6  | 44.034   | 42.654     |
| 22)                         | Mirex           | 7.130 | 8.106  | 335.1E6 | 91329185 | 41.451   | 40.178     |
| 24)                         | Chlordane-2     | 0.000 | 5.417f | 0       | 154.6E6  | N.D.     | 1293.796 # |
| 25)                         | Chlordane-3     | 5.220 | 6.036  | 629.6E6 | 155.1E6  | 459.220  | 386.513    |
| 26)                         | Chlordane-4     | 5.277 | 6.108  | 589.7E6 | 140.4E6  | 465.254  | 297.103 #  |
| 27)                         | Chlordane-5     | 6.095 | 0.000  | 478.3E6 | 0        | 1225.390 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

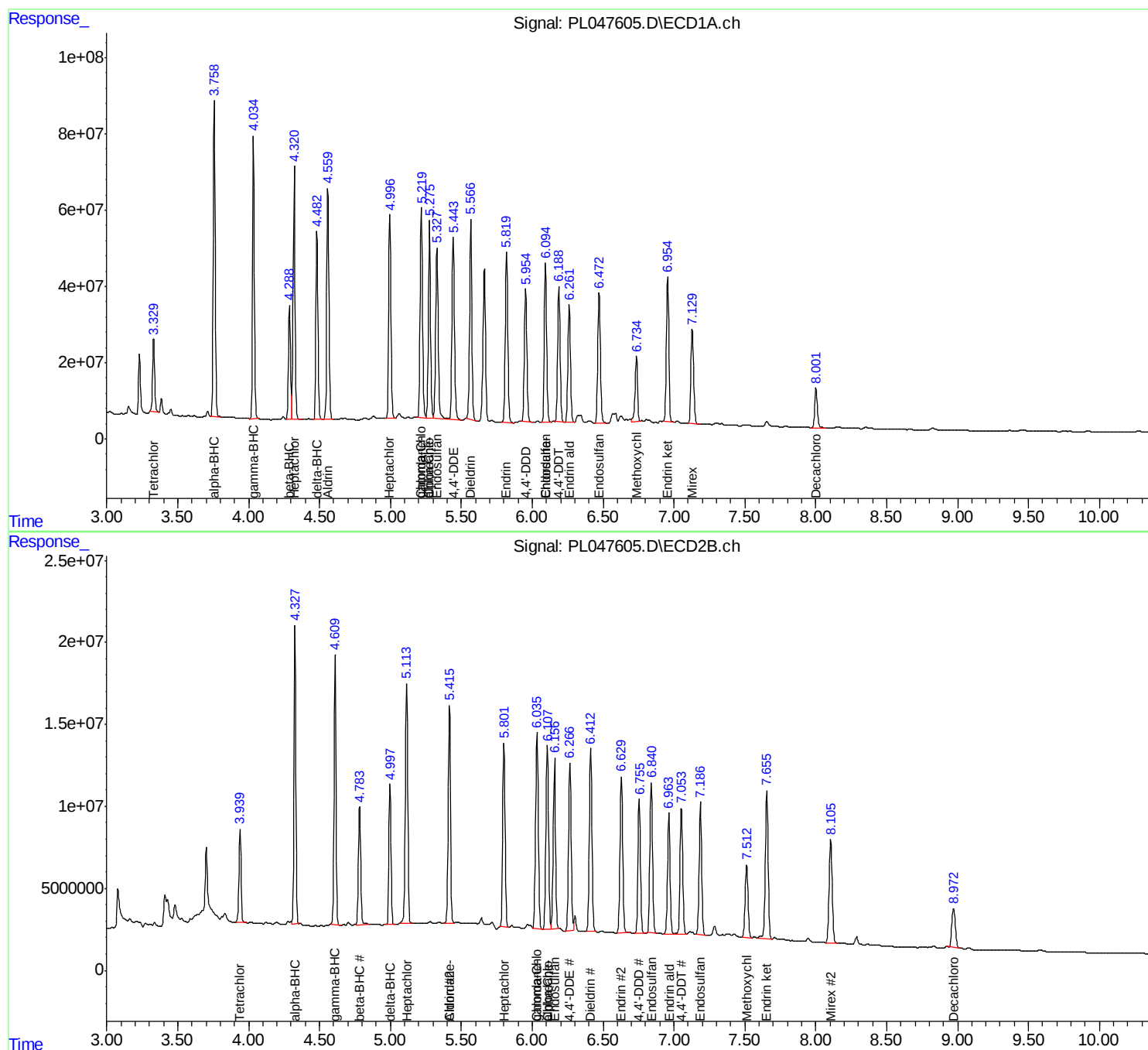
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

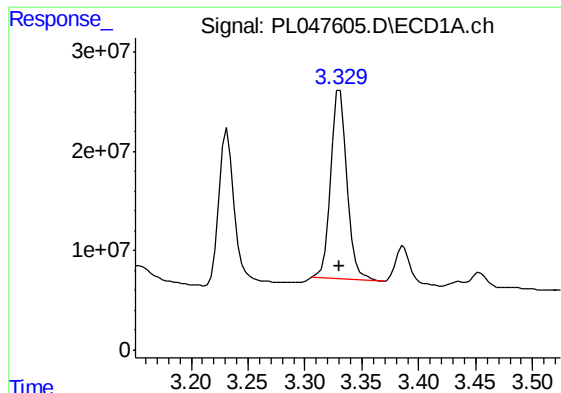
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042219\  
Data File : PL047605.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2019 12:50  
Operator : AJ\SJ  
Sample : K2475-01MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 01:02:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041919.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 19 16:51:53 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

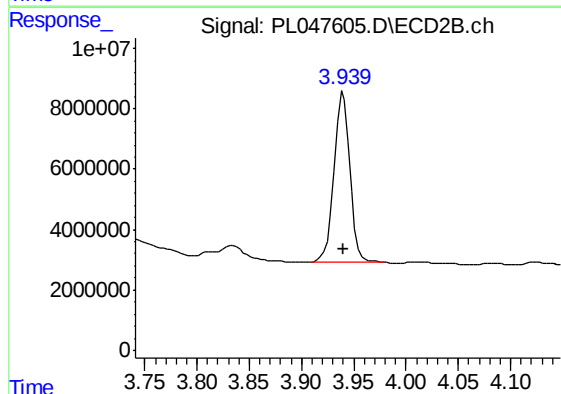




#1 Tetrachloro-m-xylene

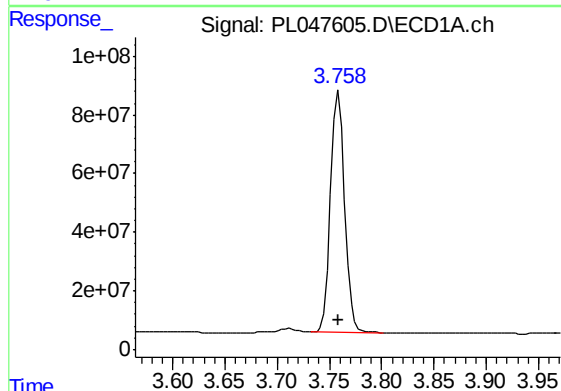
R.T.: 3.331 min  
Delta R.T.: 0.000 min  
Response: 186718501  
Conc: 21.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



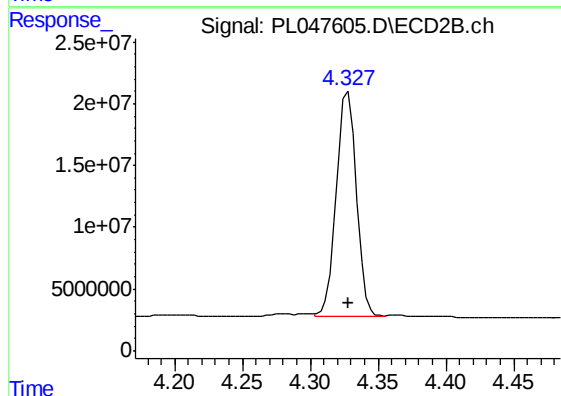
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 59513310  
Conc: 22.29 ng/ml



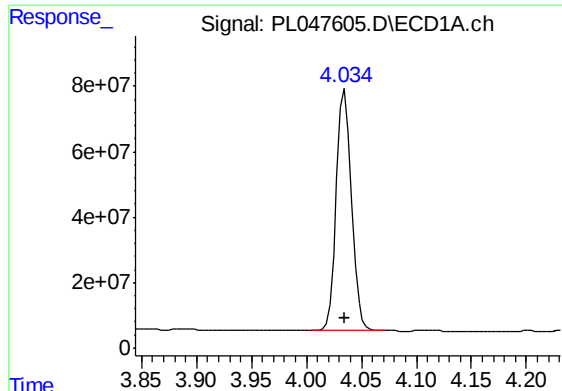
#2 alpha-BHC

R.T.: 3.759 min  
Delta R.T.: 0.000 min  
Response: 770394263  
Conc: 54.94 ng/ml



#2 alpha-BHC

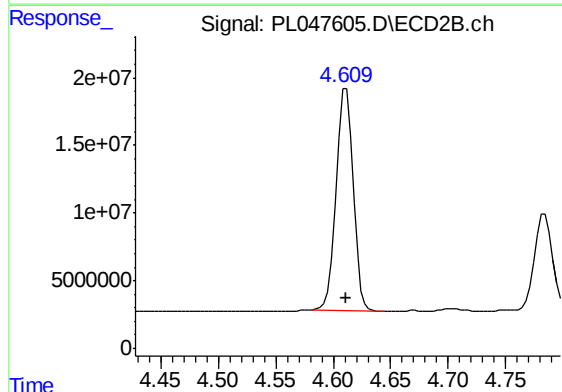
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 183845432  
Conc: 49.38 ng/ml



#3 gamma-BHC (Lindane)

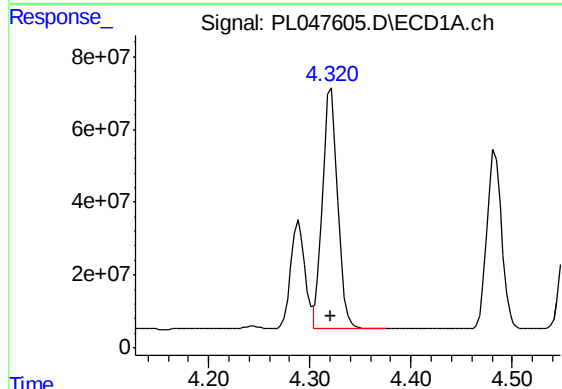
R.T.: 4.035 min  
Delta R.T.: 0.000 min  
Response: 708810956  
Conc: 58.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



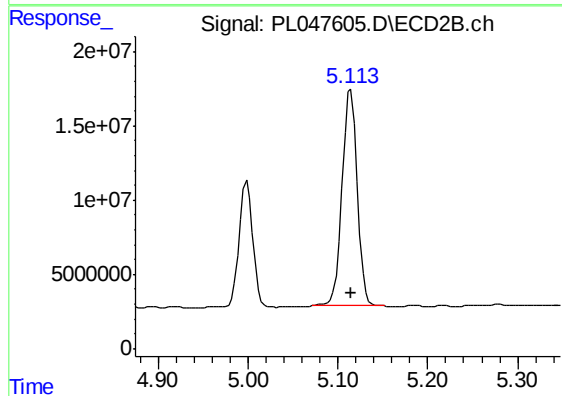
#3 gamma-BHC (Lindane)

R.T.: 4.611 min  
Delta R.T.: 0.000 min  
Response: 172170533  
Conc: 48.73 ng/ml



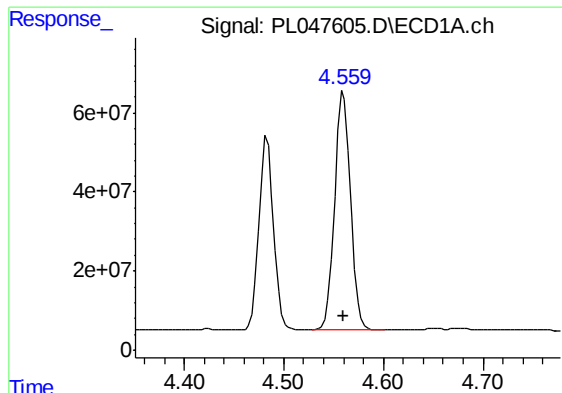
#4 Heptachlor

R.T.: 4.321 min  
Delta R.T.: 0.000 min  
Response: 709213892  
Conc: 53.21 ng/ml



#4 Heptachlor

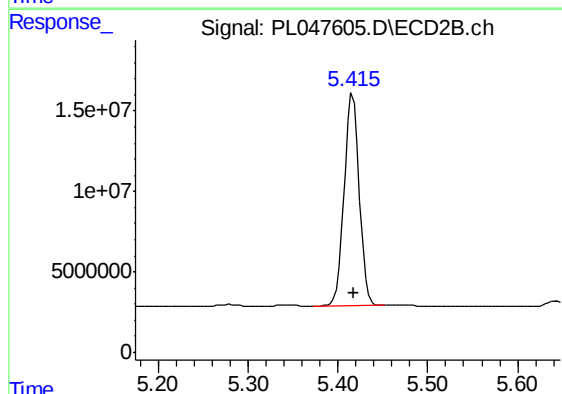
R.T.: 5.114 min  
Delta R.T.: 0.000 min  
Response: 171544030  
Conc: 46.56 ng/ml



#5 Aldrin

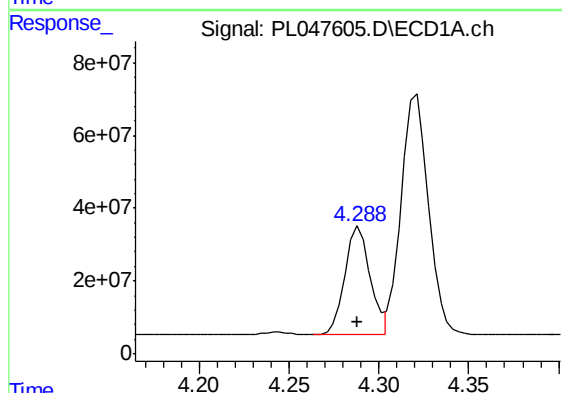
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 663470156  
Conc: 54.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



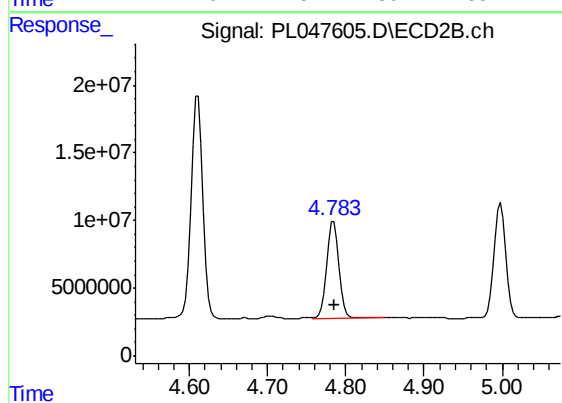
#5 Aldrin

R.T.: 5.417 min  
Delta R.T.: -0.001 min  
Response: 154563137  
Conc: 47.62 ng/ml



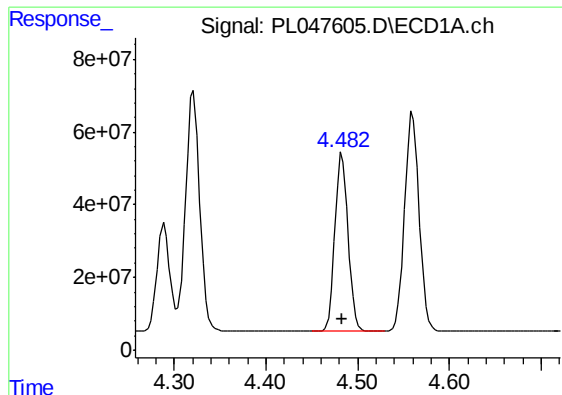
#6 beta-BHC

R.T.: 4.289 min  
Delta R.T.: 0.000 min  
Response: 289478724  
Conc: 52.84 ng/ml



#6 beta-BHC

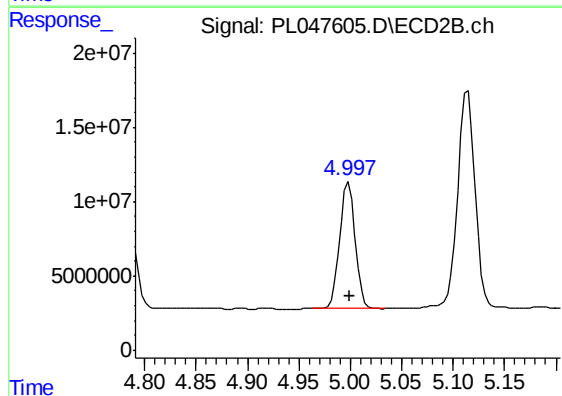
R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 78834902  
Conc: 47.52 ng/ml



#7 delta-BHC

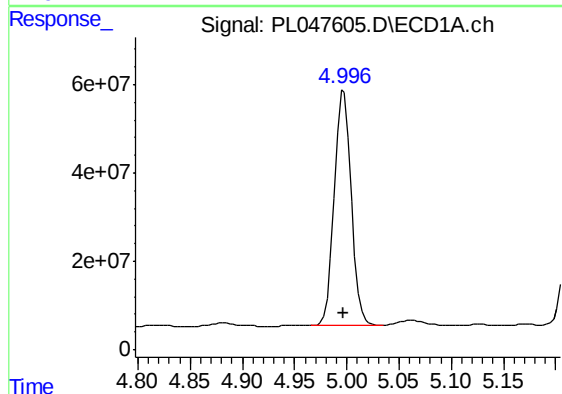
R.T.: 4.483 min  
Delta R.T.: 0.000 min  
Response: 495056739  
Conc: 40.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



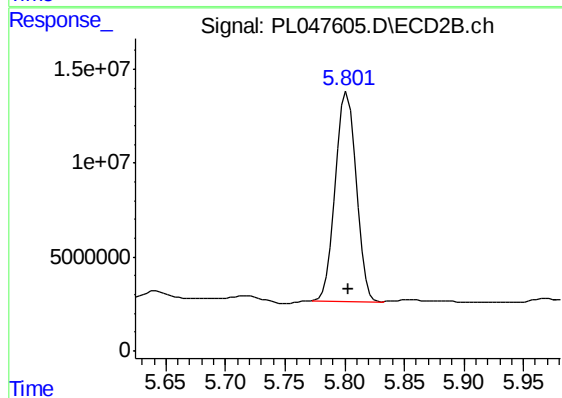
#7 delta-BHC

R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 90029773  
Conc: 33.55 ng/ml



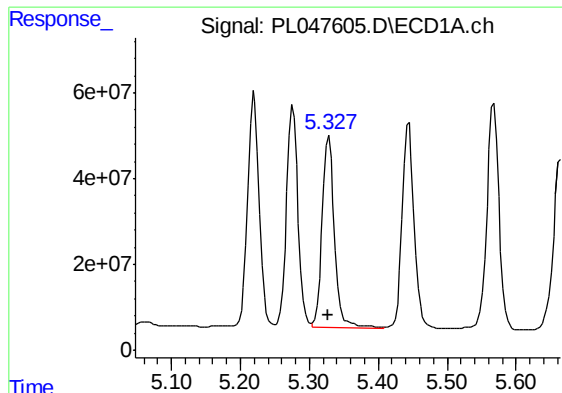
#8 Heptachlor epoxide

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 602695466  
Conc: 51.47 ng/ml



#8 Heptachlor epoxide

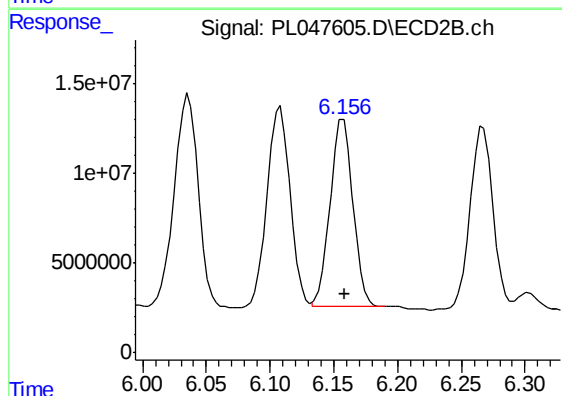
R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 134504701  
Conc: 48.59 ng/ml



#9 Endosulfan I

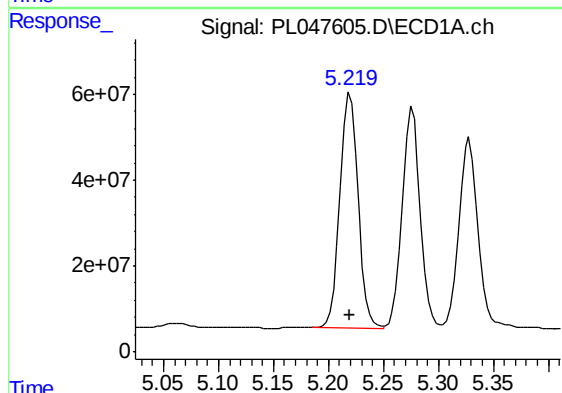
R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 552986397  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



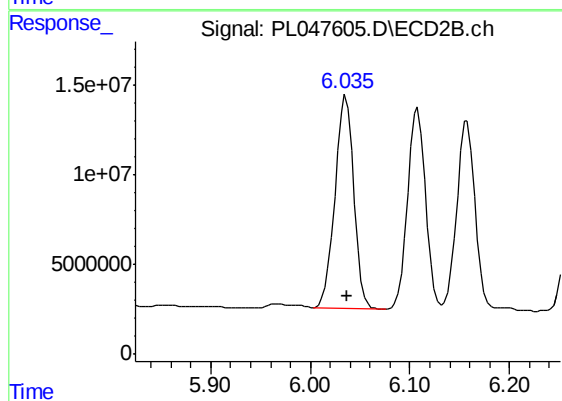
#9 Endosulfan I

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 129954806  
Conc: 43.82 ng/ml



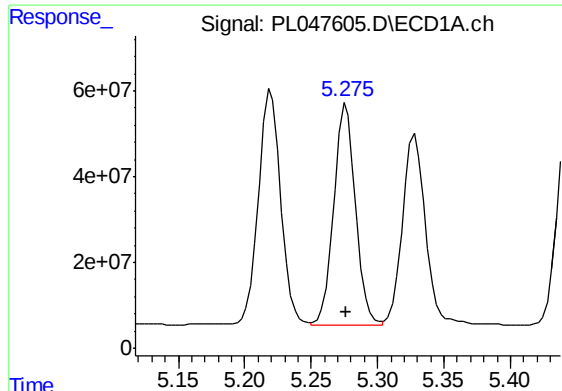
#10 gamma-Chlordane

R.T.: 5.220 min  
Delta R.T.: 0.000 min  
Response: 629640681  
Conc: 51.47 ng/ml



#10 gamma-Chlordane

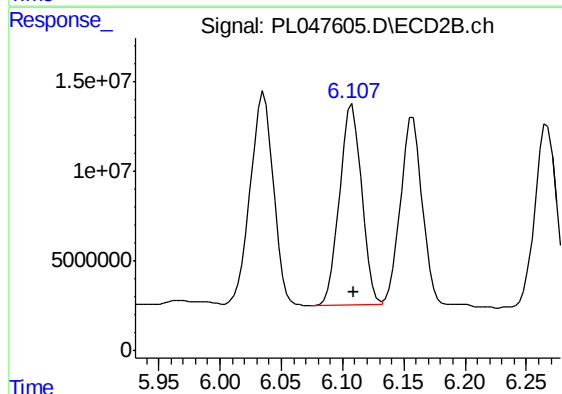
R.T.: 6.036 min  
Delta R.T.: -0.001 min  
Response: 155068544  
Conc: 49.05 ng/ml



#11 alpha-Chlordane

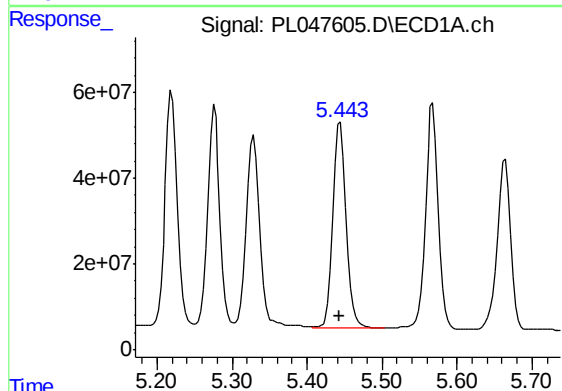
R.T.: 5.277 min  
Delta R.T.: 0.000 min  
Response: 589722715  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



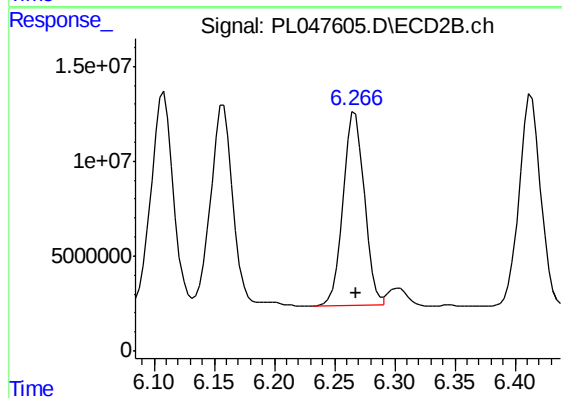
#11 alpha-Chlordane

R.T.: 6.108 min  
Delta R.T.: 0.000 min  
Response: 140355280  
Conc: 43.84 ng/ml



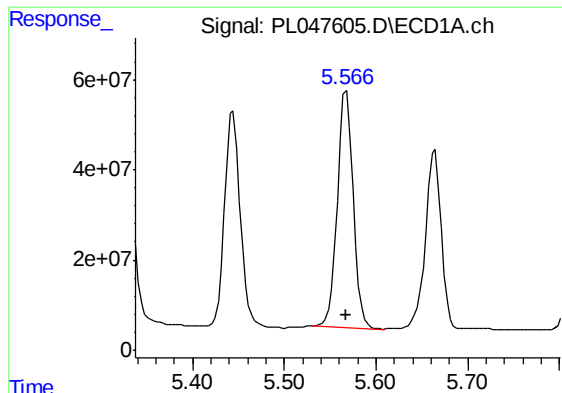
#12 4,4'-DDE

R.T.: 5.444 min  
Delta R.T.: 0.000 min  
Response: 576323455  
Conc: 49.56 ng/ml



#12 4,4'-DDE

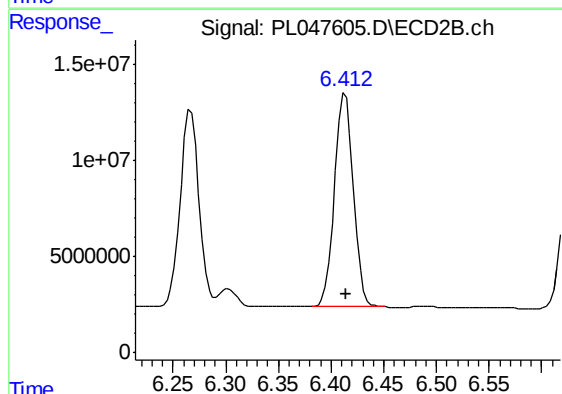
R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 126001545  
Conc: 42.42 ng/ml



#13 Dieldrin

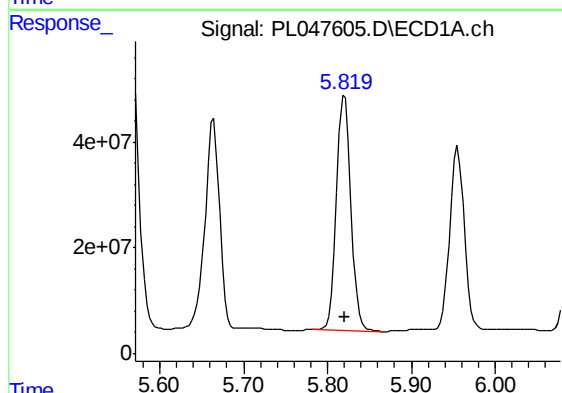
R.T.: 5.568 min  
Delta R.T.: 0.000 min  
Response: 630986219  
Conc: 52.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



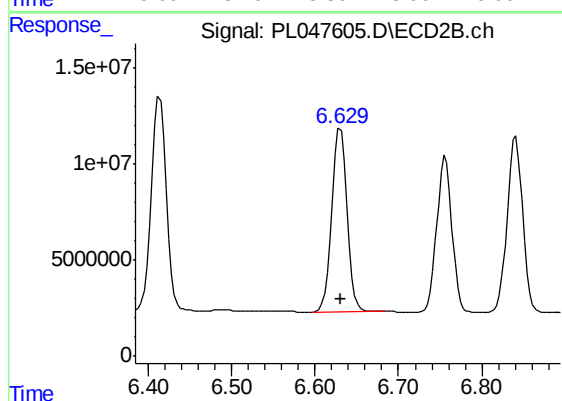
#13 Dieldrin

R.T.: 6.414 min  
Delta R.T.: 0.000 min  
Response: 138210125  
Conc: 44.86 ng/ml



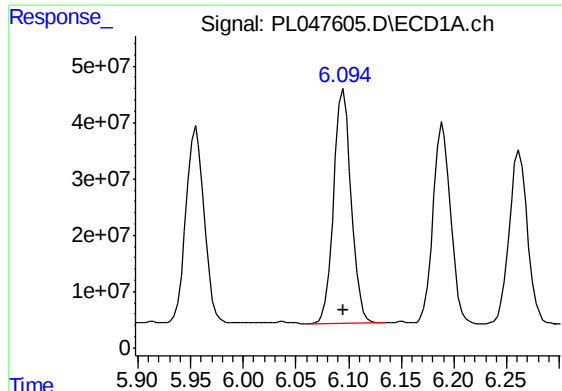
#14 Endrin

R.T.: 5.821 min  
Delta R.T.: 0.000 min  
Response: 531521320  
Conc: 47.07 ng/ml



#14 Endrin

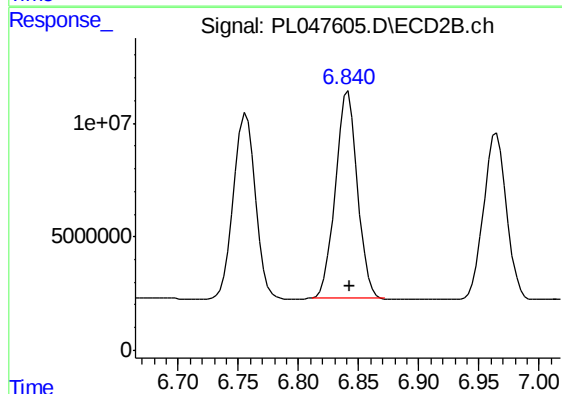
R.T.: 6.631 min  
Delta R.T.: 0.000 min  
Response: 121772672  
Conc: 44.12 ng/ml



#15 Endosulfan II

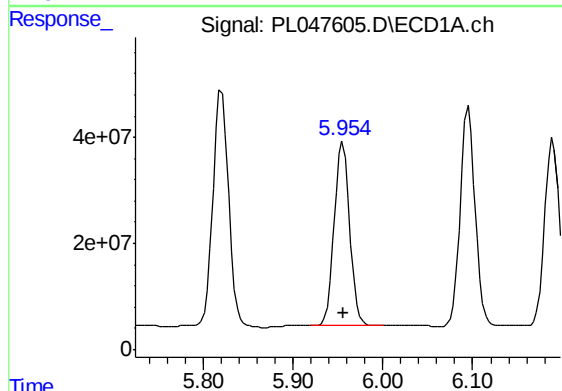
R.T.: 6.095 min  
Delta R.T.: 0.000 min  
Response: 478280181  
Conc: 45.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



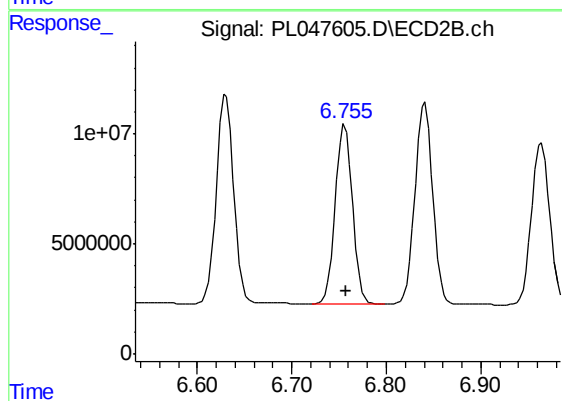
#15 Endosulfan II

R.T.: 6.841 min  
Delta R.T.: -0.001 min  
Response: 117235920  
Conc: 42.28 ng/ml



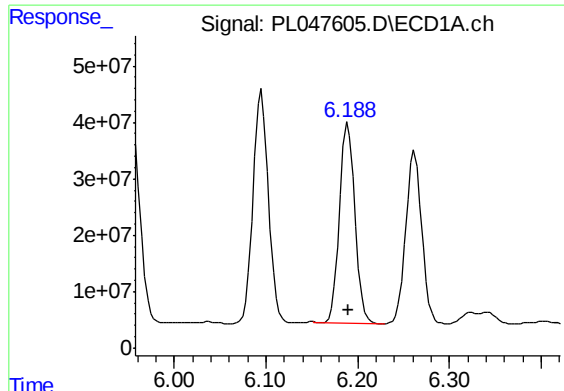
#16 4,4'-DDD

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 412866583  
Conc: 45.47 ng/ml



#16 4,4'-DDD

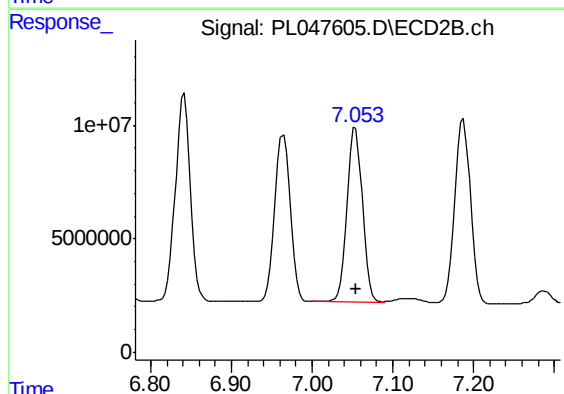
R.T.: 6.756 min  
Delta R.T.: -0.001 min  
Response: 103331243  
Conc: 43.46 ng/ml



#17 4,4'-DDT

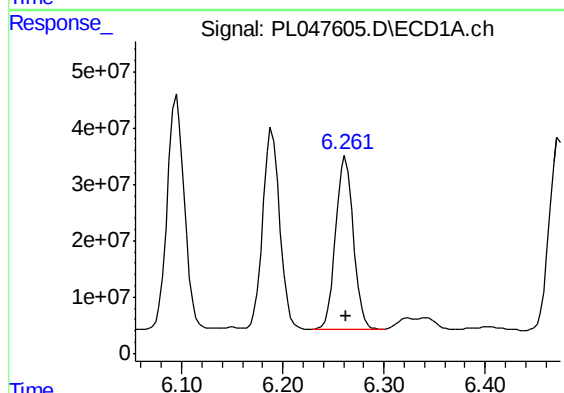
R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 411079061  
Conc: 47.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



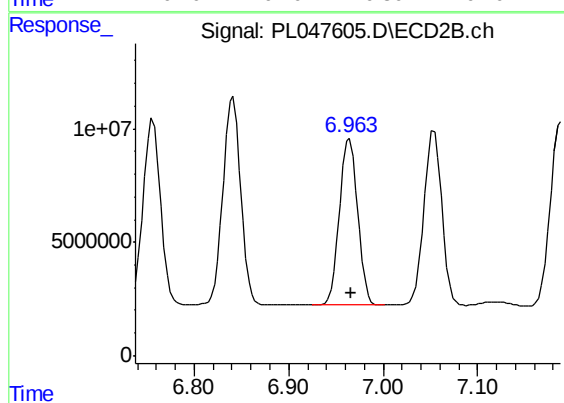
#17 4,4'-DDT

R.T.: 7.054 min  
Delta R.T.: -0.001 min  
Response: 101620500  
Conc: 40.89 ng/ml



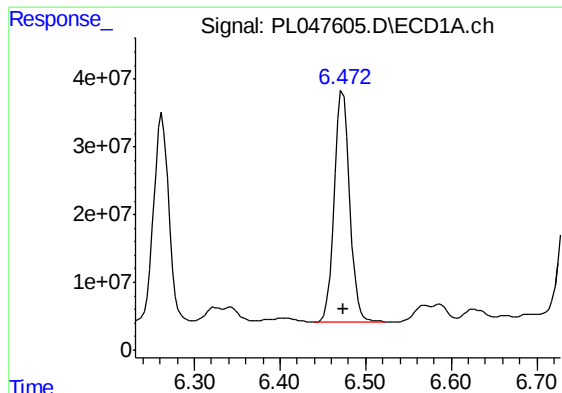
#18 Endrin aldehyde

R.T.: 6.262 min  
Delta R.T.: 0.000 min  
Response: 368179046  
Conc: 41.83 ng/ml



#18 Endrin aldehyde

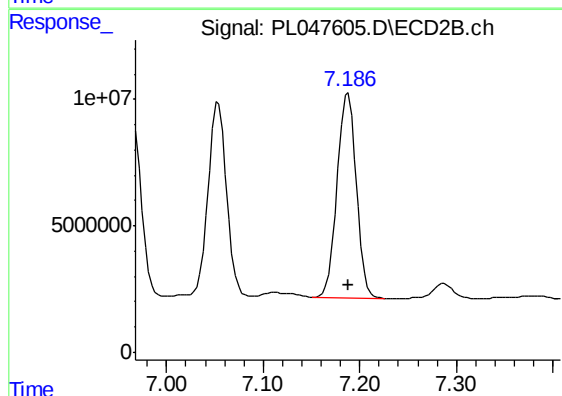
R.T.: 6.965 min  
Delta R.T.: -0.002 min  
Response: 98252777  
Conc: 40.39 ng/ml



#19 Endosulfan Sulfate

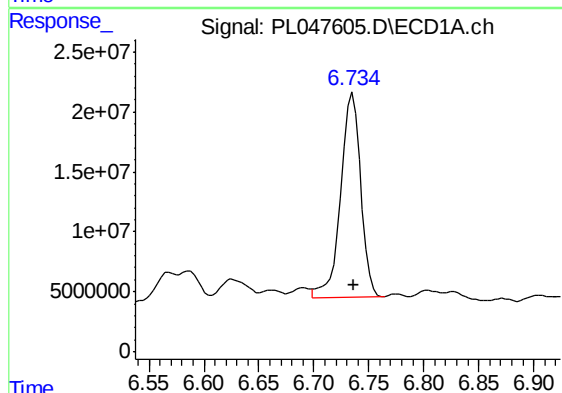
R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 424617123  
Conc: 43.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



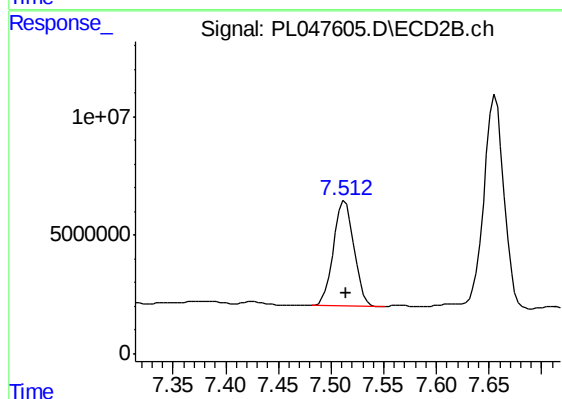
#19 Endosulfan Sulfate

R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 109291000  
Conc: 40.97 ng/ml



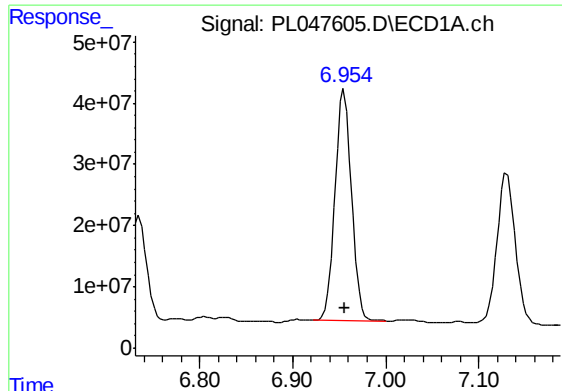
#20 Methoxychlor

R.T.: 6.735 min  
Delta R.T.: 0.000 min  
Response: 216693831  
Conc: 45.17 ng/ml



#20 Methoxychlor

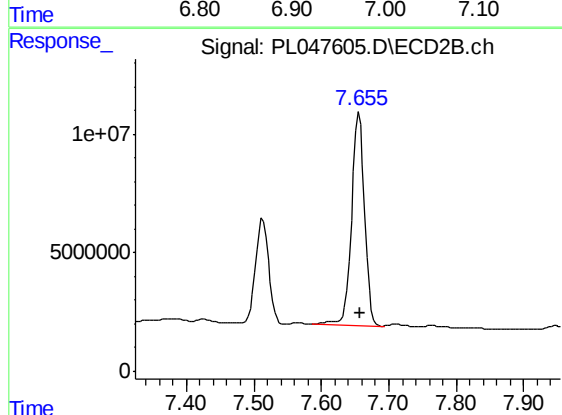
R.T.: 7.513 min  
Delta R.T.: -0.001 min  
Response: 60017859  
Conc: 41.60 ng/ml



#21 Endrin ketone

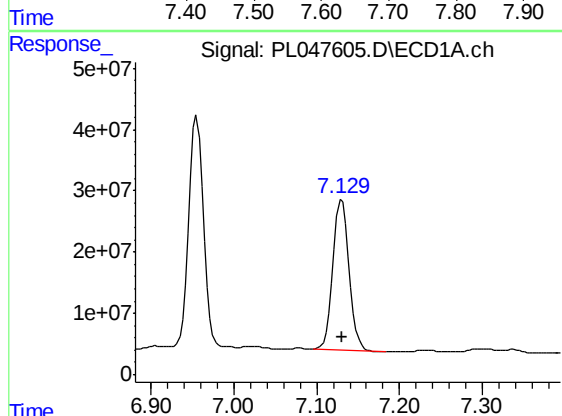
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 464257580  
Conc: 44.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



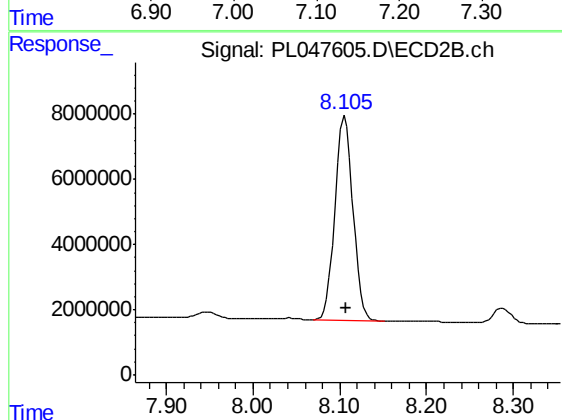
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: -0.001 min  
Response: 120625205  
Conc: 42.65 ng/ml



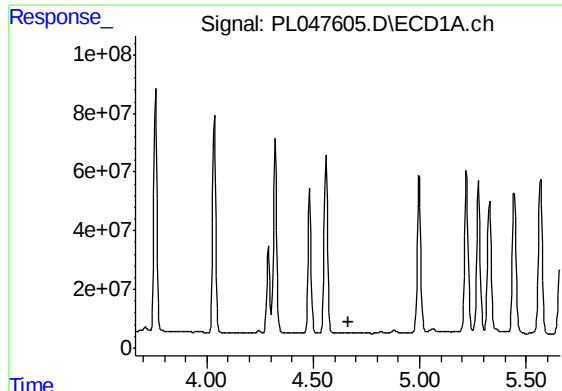
#22 Mirex

R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 335078304  
Conc: 41.45 ng/ml



#22 Mirex

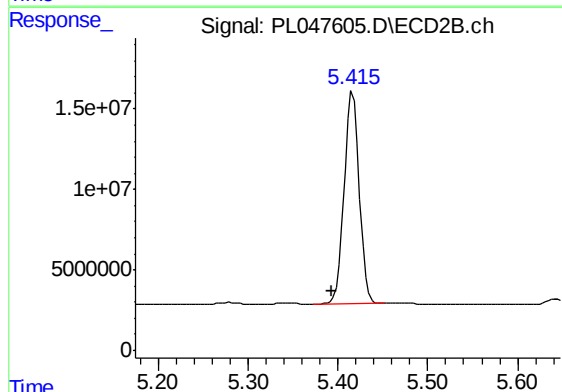
R.T.: 8.106 min  
Delta R.T.: -0.002 min  
Response: 91329185  
Conc: 40.18 ng/ml



#24 Chlordane-2

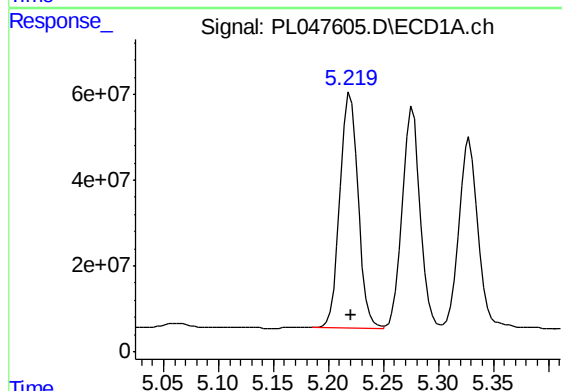
R.T.: 0.000 min  
Exp R.T.: 4.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



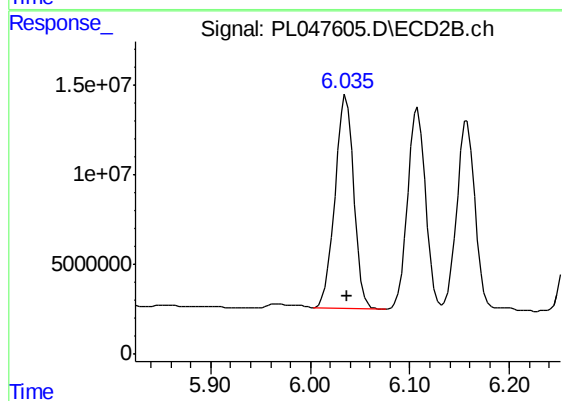
#24 Chlordane-2

R.T.: 5.417 min  
Delta R.T.: 0.023 min  
Response: 154563137  
Conc: 1293.80 ng/ml



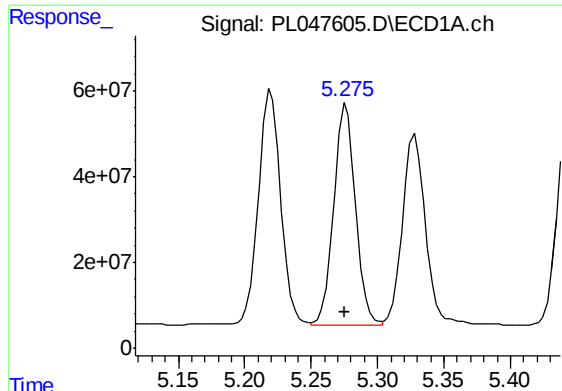
#25 Chlordane-3

R.T.: 5.220 min  
Delta R.T.: 0.000 min  
Response: 629640681  
Conc: 459.22 ng/ml



#25 Chlordane-3

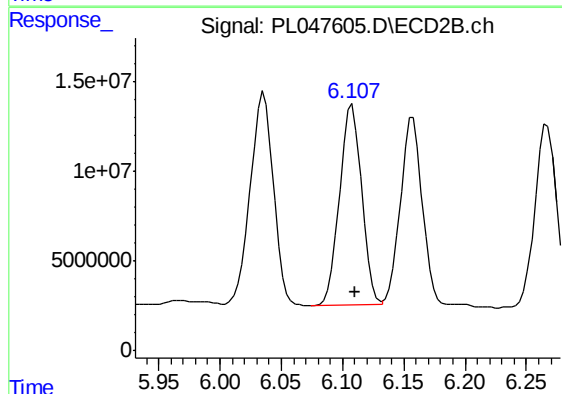
R.T.: 6.036 min  
Delta R.T.: -0.001 min  
Response: 155068544  
Conc: 386.51 ng/ml



#26 Chlordane-4

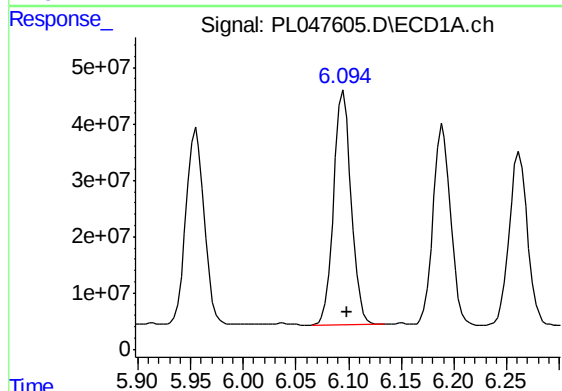
R.T.: 5.277 min  
Delta R.T.: 0.000 min  
Response: 589722715  
Conc: 465.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



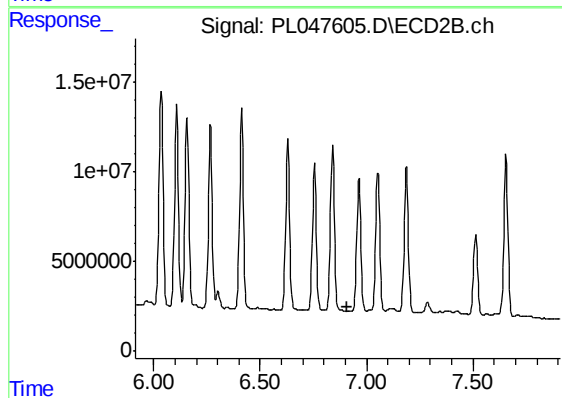
#26 Chlordane-4

R.T.: 6.108 min  
Delta R.T.: -0.002 min  
Response: 140355280  
Conc: 297.10 ng/ml



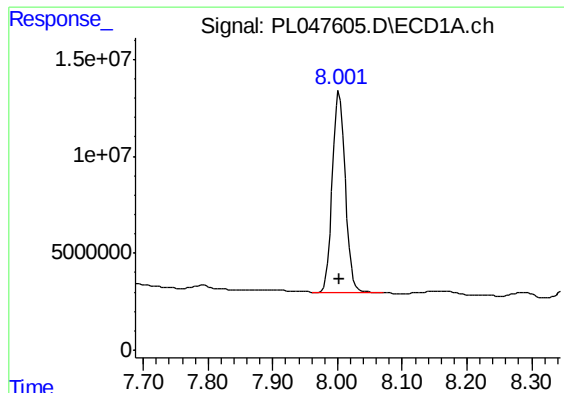
#27 Chlordane-5

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 478280181  
Conc: 1225.39 ng/ml



#27 Chlordane-5

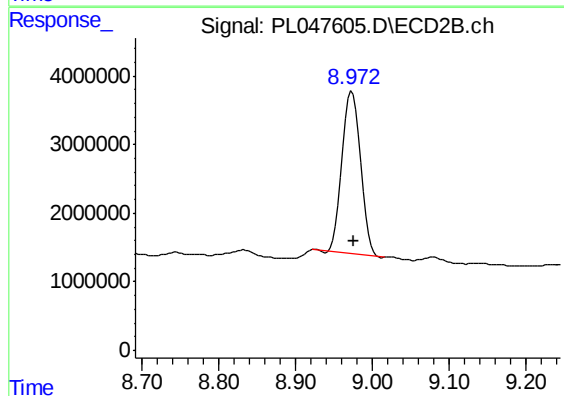
R.T.: 0.000 min  
Exp R.T.: 6.912 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.003 min  
Delta R.T.: 0.000 min  
Response: 142142267  
Conc: 14.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-TRACK-8-9MS



#28 Decachlorobiphenyl

R.T.: 8.973 min  
Delta R.T.: -0.002 min  
Response: 40349919  
Conc: 13.29 ng/ml