

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011619\  
 Data File : PL043977.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jan 2019 23:36  
 Operator : AJ\SJ  
 Sample : K1010-04MSD  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OK-01-011519-AMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 17 00:25:18 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 12 01:24:53 2019  
 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... | 3.552f | 4.007 | 77307099 | 44217881 | 15.748  | 22.689 #   |
| 28)                         | SA Decachlor... | 8.277  | 9.078 | 123.6E6  | 40861488 | 21.876  | 25.722     |
| Target Compounds            |                 |        |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.992f | 4.399 | 138.2E6  | 147.5E6  | 17.971  | 54.712 #   |
| 3)                          | MA gamma-BHC... | 4.276f | 4.684 | 267.5E6  | 138.9E6  | 38.354  | 54.683 #   |
| 4)                          | MA Heptachlor   | 4.528  | 5.194 | 168.4E6  | 141.3E6  | 24.186  | 58.461 #   |
| 5)                          | MB Aldrin       | 4.820f | 5.499 | 214.1E6  | 128.6E6  | 31.270  | 54.178 #   |
| 6)                          | B beta-BHC      | 4.482  | 4.855 | 9811007  | 60310472 | 3.296   | 54.401 #   |
| 7)                          | B delta-BHC     | 0.000  | 5.072 | 0        | 96067753 | N.D.    | 48.907 #   |
| 8)                          | B Heptachlor... | 0.000  | 5.885 | 0        | 120.4E6  | N.D.    | 55.803 #   |
| 9)                          | A Endosulfan I  | 5.546  | 6.242 | 389.2E6  | 114.6E6  | 66.691  | 55.558     |
| 10)                         | B gamma-Chl...  | 5.488  | 6.119 | 400.3E6  | 125.8E6  | 62.351  | 56.449     |
| 11)                         | B alpha-Chl...  | 5.488  | 6.192 | 400.3E6  | 124.2E6  | 63.341  | 56.048     |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.348 | 0        | 106.8E6  | N.D.    | 58.110 #   |
| 13)                         | MA Dieldrin     | 5.843  | 6.498 | 113.3E6  | 119.1E6  | 18.188  | 55.828 #   |
| 14)                         | MA Endrin       | 6.100  | 6.716 | 358.8E6  | 101.3E6  | 66.135  | 57.775     |
| 15)                         | B Endosulfa...  | 6.373  | 6.925 | 24285580 | 103.3E6  | 4.668   | 55.767 #   |
| 16)                         | A 4,4'-DDD      | 6.223  | 6.838 | 18049262 | 85952895 | 4.172   | 56.883 #   |
| 17)                         | MA 4,4'-DDT     | 6.461  | 7.136 | 301.1E6  | 90000912 | 66.011  | 54.571     |
| 18)                         | B Endrin al...  | 6.540  | 7.049 | 143.8E6  | 88256845 | 32.226  | 55.693 #   |
| 19)                         | B Endosulfa...  | 6.751  | 7.272 | 65495352 | 96797286 | 12.158  | 51.335 #   |
| 20)                         | A Methoxychlor  | 7.003  | 7.594 | 11362544 | 50516329 | 4.445   | 57.234 #   |
| 21)                         | B Endrin ke...  | 7.240  | 7.742 | 179.6E6  | 104.4E6  | 29.815  | 53.778 #   |
| 23)                         | Chlordane-1     | 0.000  | 5.072 | 0        | 96067753 | N.D.    | 1070.764 # |
| 24)                         | Chlordane-2     | 0.000  | 5.499 | 0        | 128.6E6  | N.D.    | 1384.945 # |
| 25)                         | Chlordane-3     | 5.488  | 6.119 | 400.3E6  | 125.8E6  | 551.196 | 410.811 #  |
| 26)                         | Chlordane-4     | 5.488  | 6.192 | 400.3E6  | 124.2E6  | 628.070 | 339.866 #  |
| 27)                         | Chlordane-5     | 6.373  | 7.049 | 24285580 | 88256845 | 121.880 | 1269.275 # |
| -----                       |                 |        |       |          |          |         |            |

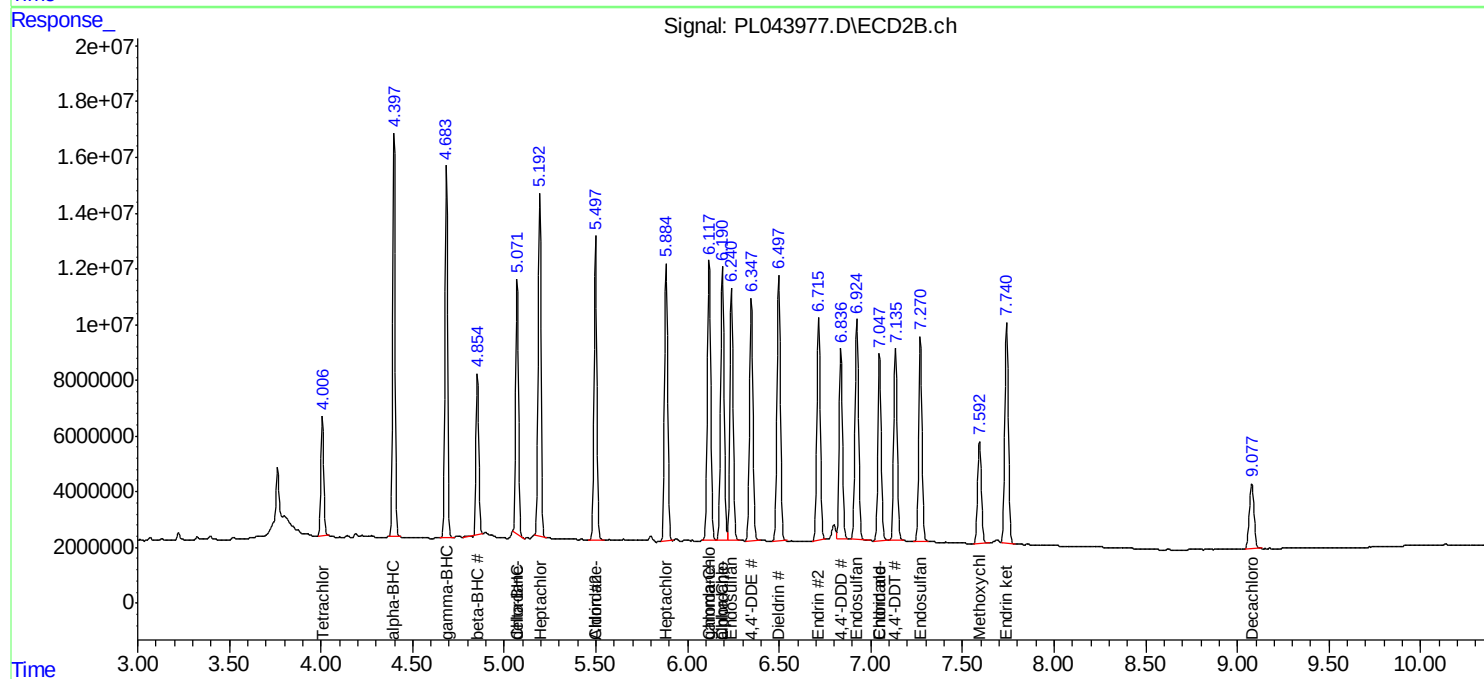
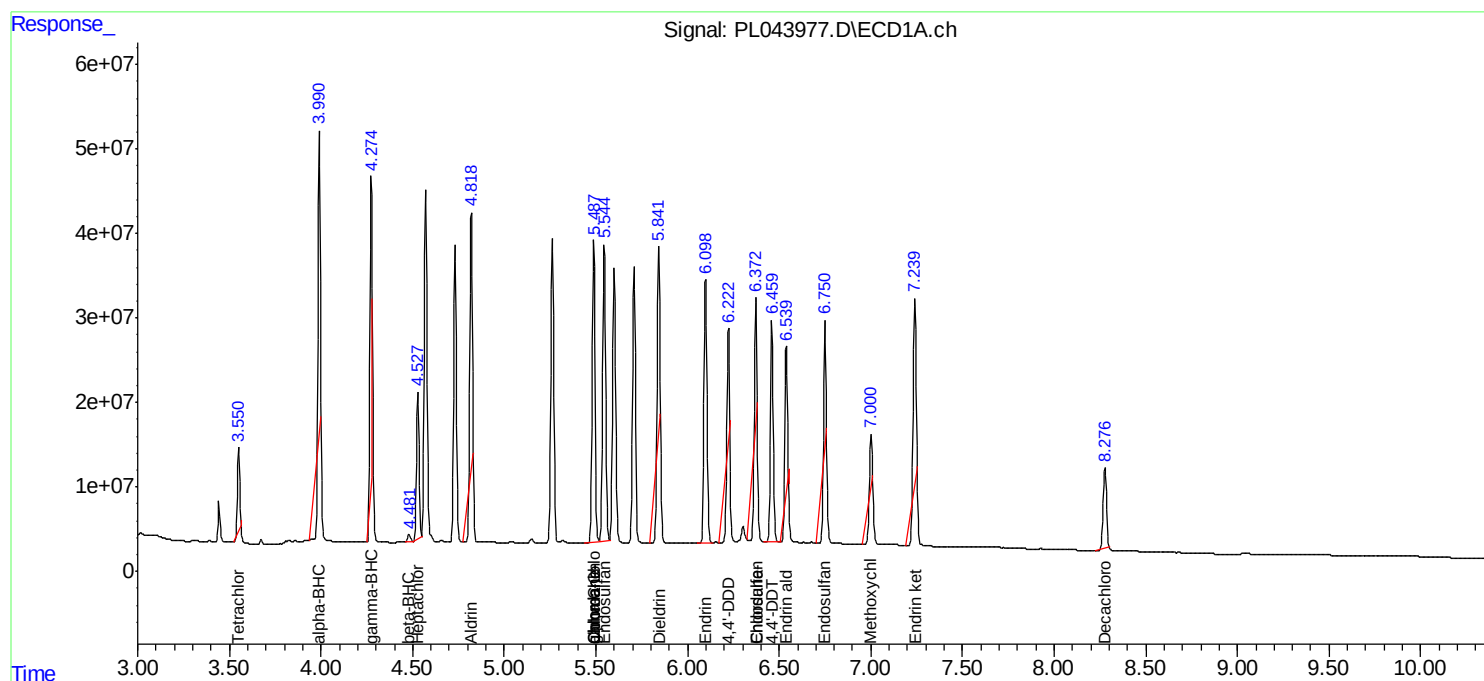
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

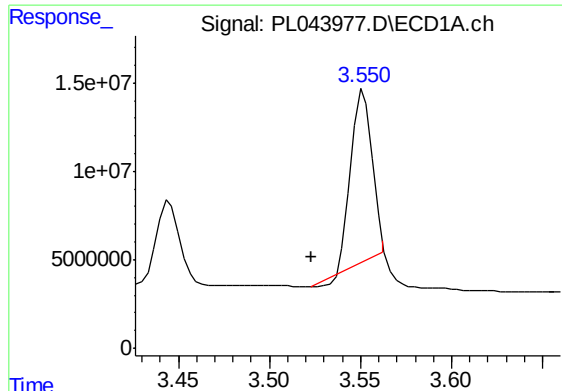
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011619\  
Data File : PL043977.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jan 2019 23:36  
Operator : AJ\SJ  
Sample : K1010-04MSD  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 17 00:25:18 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 12 01:24:53 2019  
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

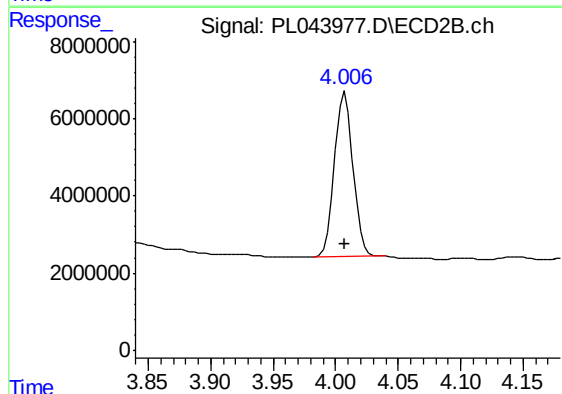




#1 Tetrachloro-m-xylene

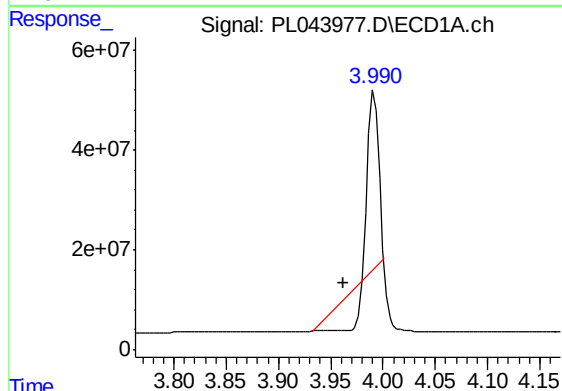
R.T.: 3.552 min  
Delta R.T.: 0.029 min  
Response: 77307099  
Conc: 15.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



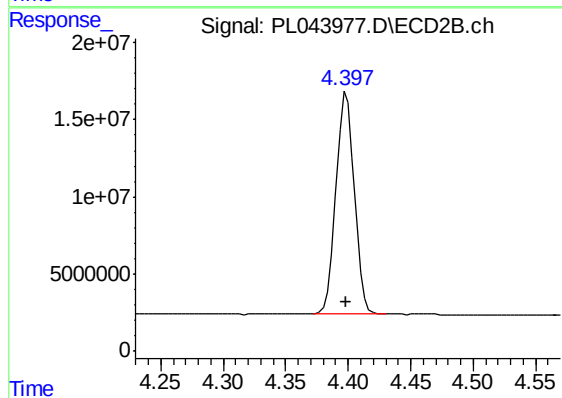
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 44217881  
Conc: 22.69 ng/ml



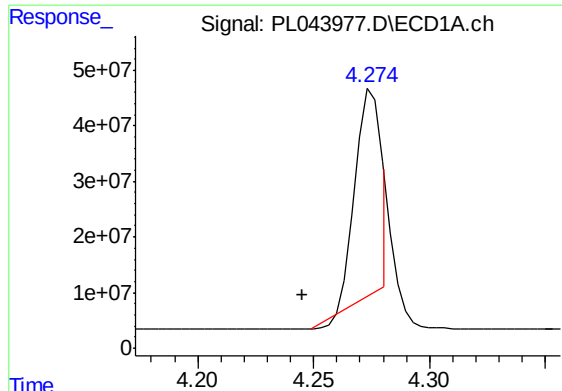
#2 alpha-BHC

R.T.: 3.992 min  
Delta R.T.: 0.030 min  
Response: 138153985  
Conc: 17.97 ng/ml



#2 alpha-BHC

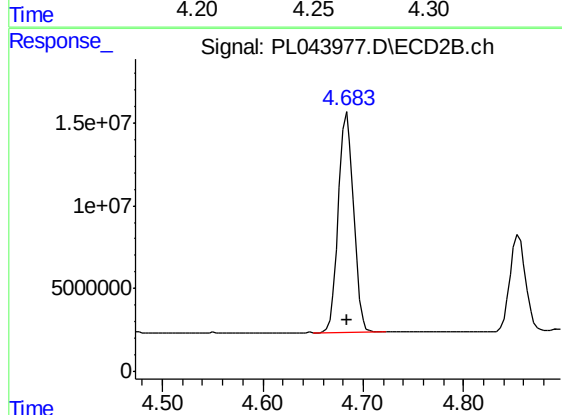
R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 147520458  
Conc: 54.71 ng/ml



#3 gamma-BHC (Lindane)

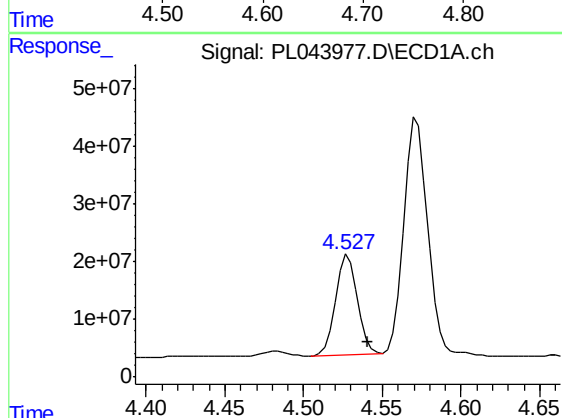
R.T.: 4.276 min  
Delta R.T.: 0.030 min  
Response: 267534923  
Conc: 38.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



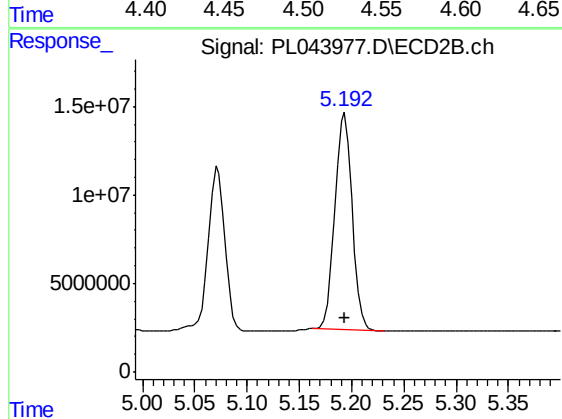
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: 0.000 min  
Response: 138888694  
Conc: 54.68 ng/ml



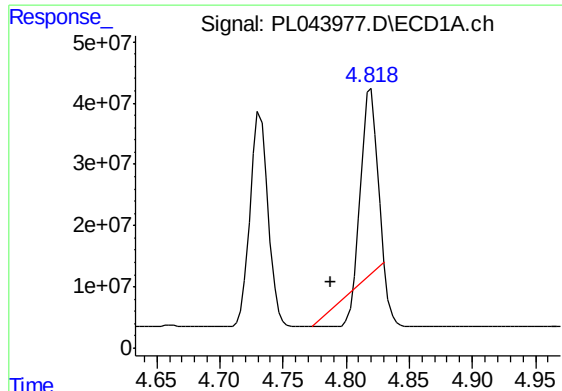
#4 Heptachlor

R.T.: 4.528 min  
Delta R.T.: -0.012 min  
Response: 168376294  
Conc: 24.19 ng/ml



#4 Heptachlor

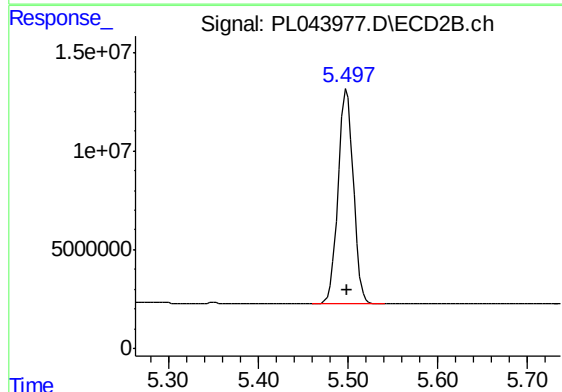
R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 141300609  
Conc: 58.46 ng/ml



#5 Aldrin

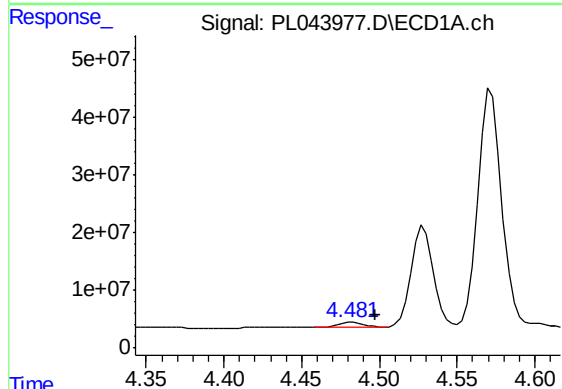
R.T.: 4.820 min  
Delta R.T.: 0.032 min  
Response: 214054026  
Conc: 31.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



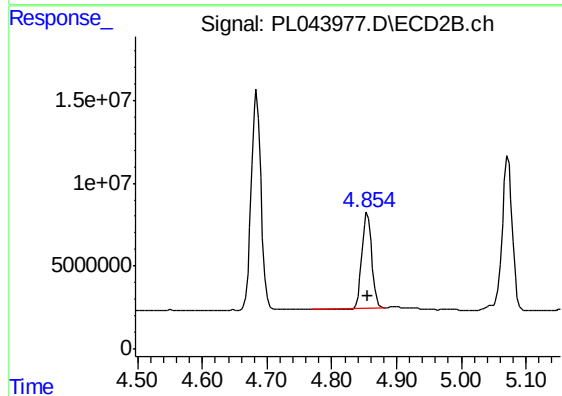
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 128592087  
Conc: 54.18 ng/ml



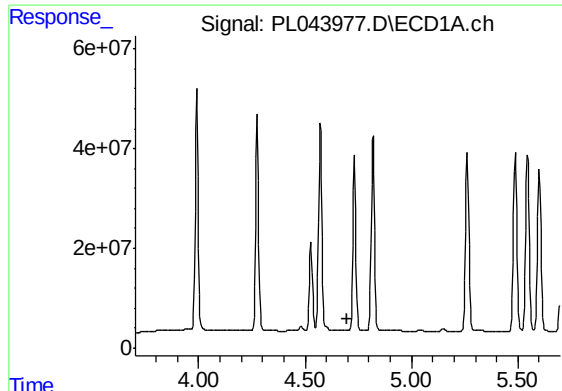
#6 beta-BHC

R.T.: 4.482 min  
Delta R.T.: -0.016 min  
Response: 9811007  
Conc: 3.30 ng/ml



#6 beta-BHC

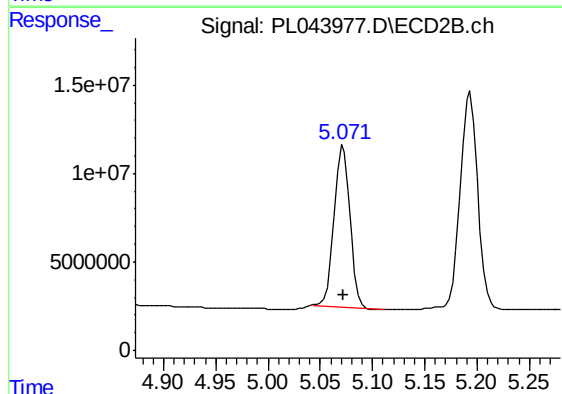
R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 60310472  
Conc: 54.40 ng/ml



#7 delta-BHC

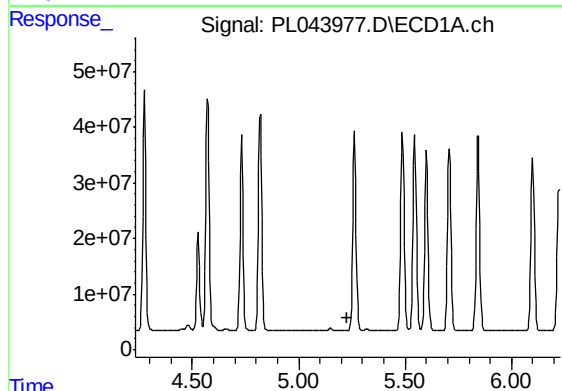
R.T.: 0.000 min  
Exp R.T. : 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



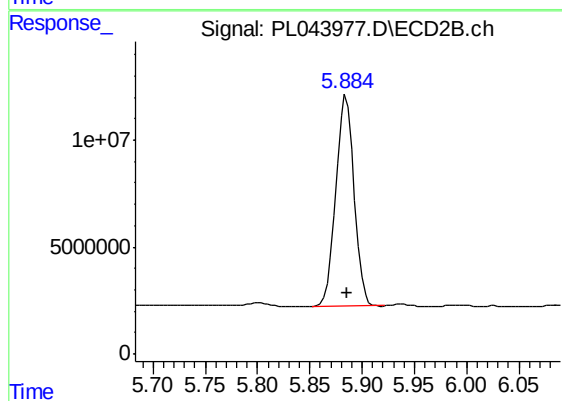
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 96067753  
Conc: 48.91 ng/ml



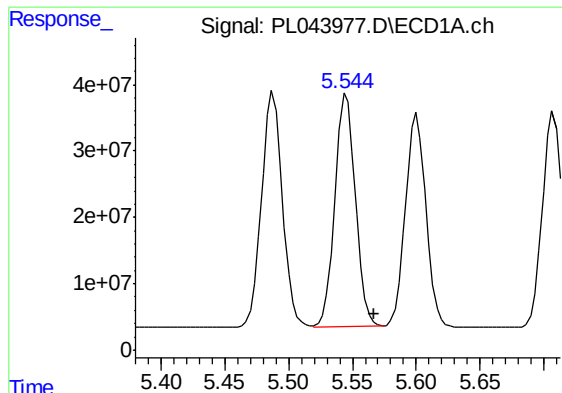
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.230 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

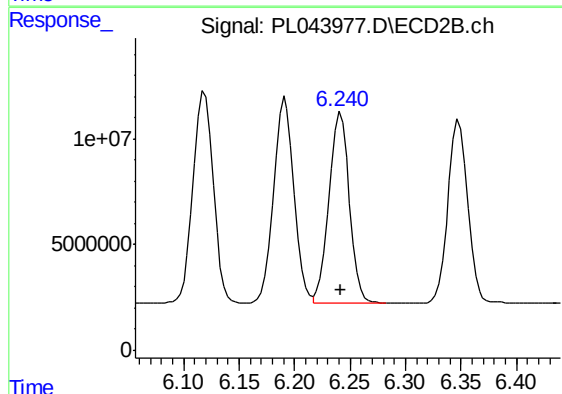
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 120421121  
Conc: 55.80 ng/ml



#9 Endosulfan I

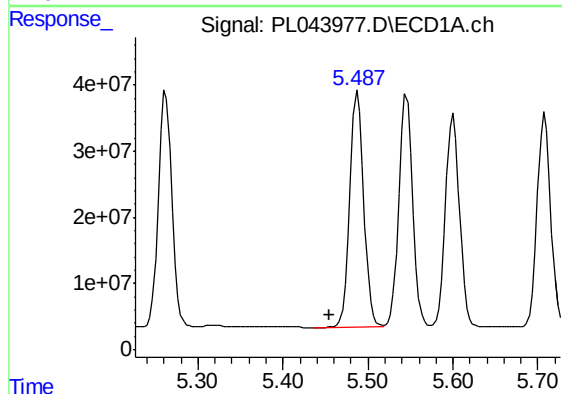
R.T.: 5.546 min  
Delta R.T.: -0.022 min  
Response: 389222189  
Conc: 66.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



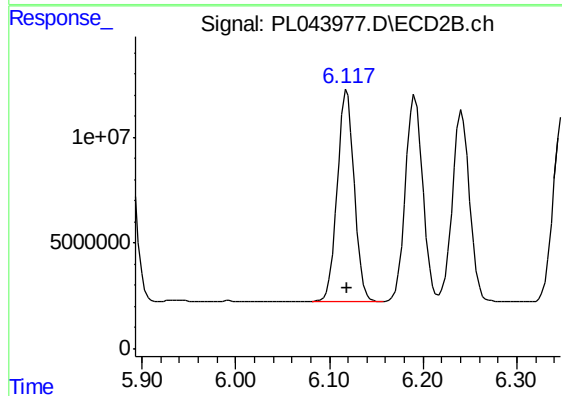
#9 Endosulfan I

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 114555428  
Conc: 55.56 ng/ml



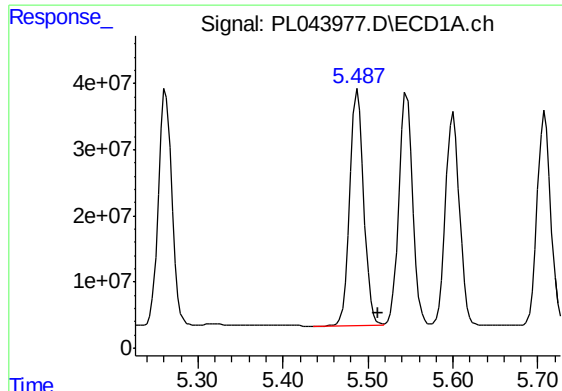
#10 gamma-Chlordane

R.T.: 5.488 min  
Delta R.T.: 0.033 min  
Response: 400251779  
Conc: 62.35 ng/ml



#10 gamma-Chlordane

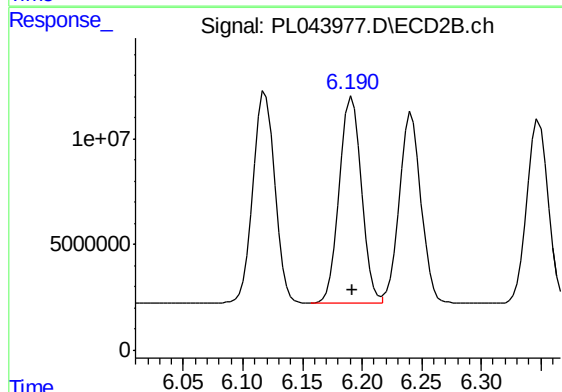
R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 125847123  
Conc: 56.45 ng/ml



#11 alpha-Chlordane

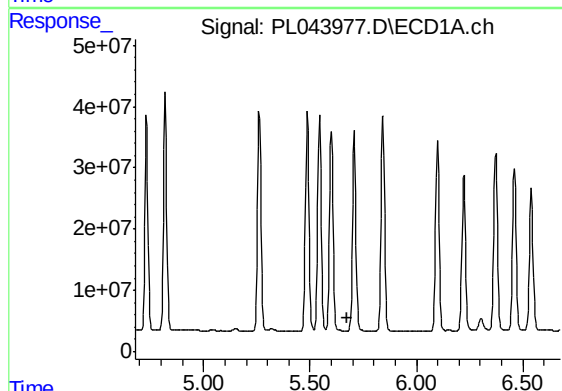
R.T.: 5.488 min  
Delta R.T.: -0.025 min  
Response: 400251779  
Conc: 63.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



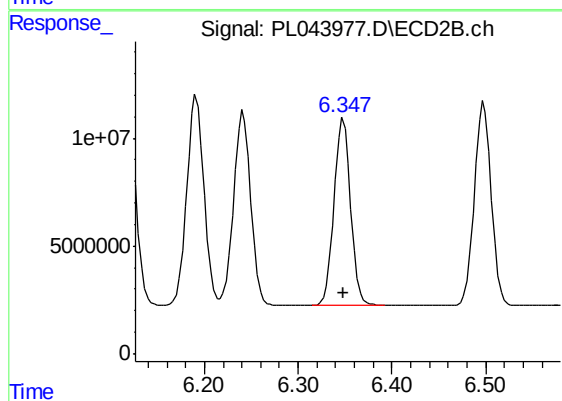
#11 alpha-Chlordane

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 124247640  
Conc: 56.05 ng/ml



#12 4,4'-DDE

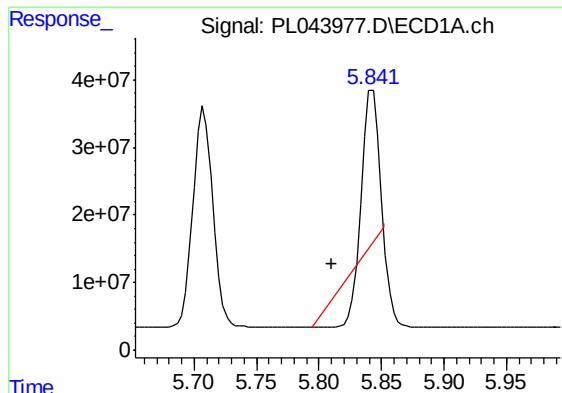
R.T.: 0.000 min  
Exp R.T. : 5.677 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 106844785  
Conc: 58.11 ng/ml

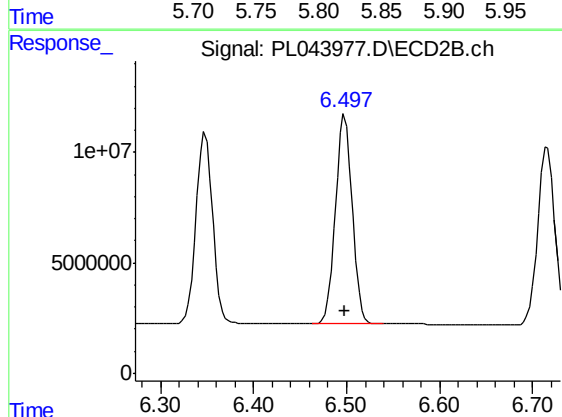




#13 Dielldrin

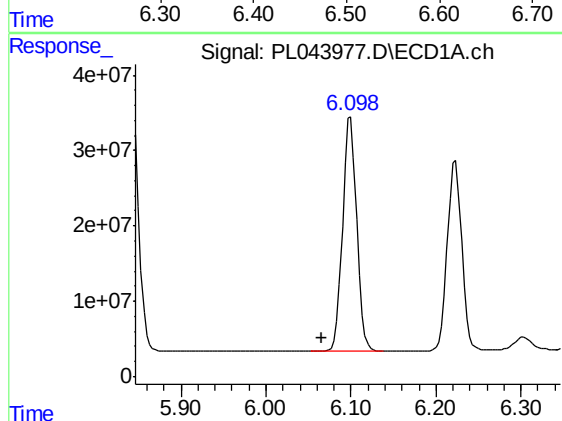
R.T.: 5.843 min  
Delta R.T.: 0.033 min  
Response: 113297260  
Conc: 18.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



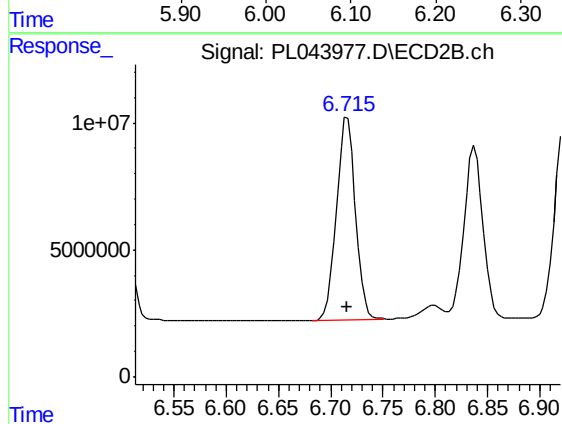
#13 Dielldrin

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 119097632  
Conc: 55.83 ng/ml



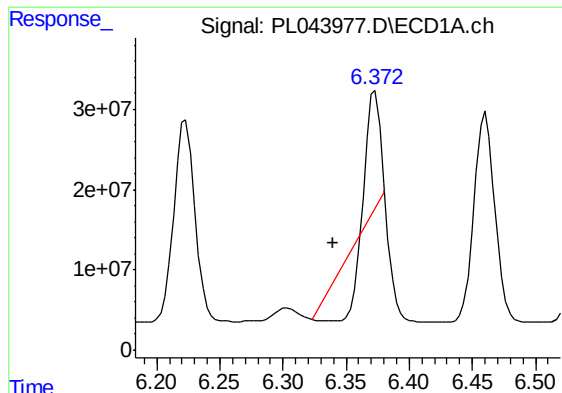
#14 Endrin

R.T.: 6.100 min  
Delta R.T.: 0.034 min  
Response: 358750489  
Conc: 66.13 ng/ml



#14 Endrin

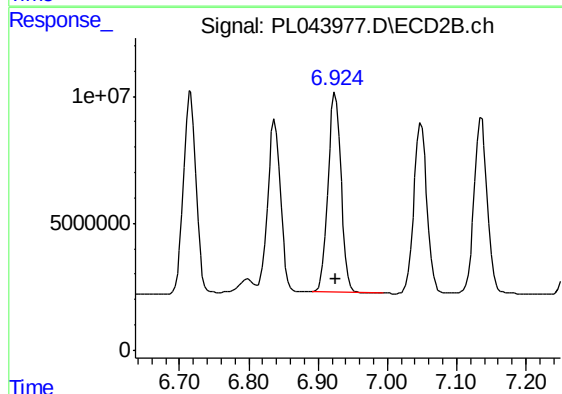
R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 101330187  
Conc: 57.78 ng/ml



#15 Endosulfan II

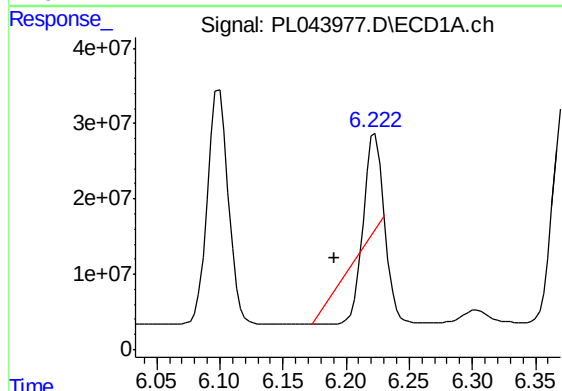
R.T.: 6.373 min  
Delta R.T.: 0.033 min  
Response: 24285580  
Conc: 4.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



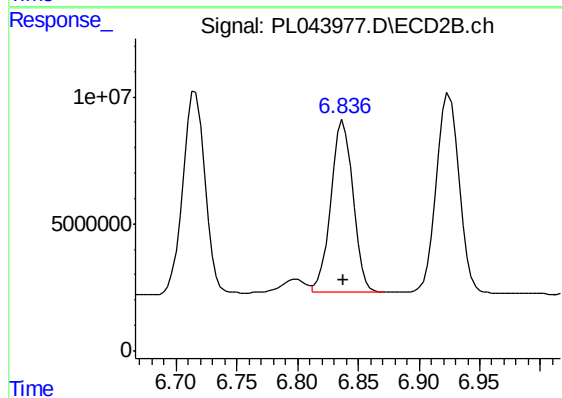
#15 Endosulfan II

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 103285401  
Conc: 55.77 ng/ml



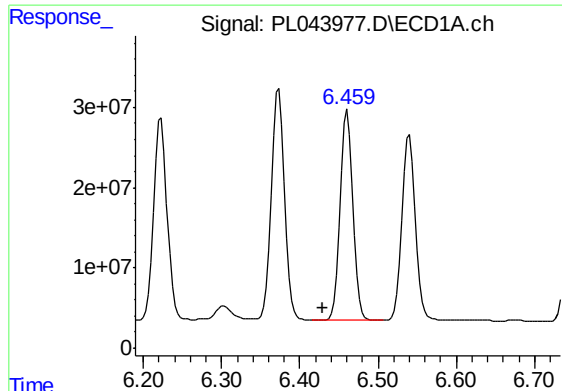
#16 4,4'-DDD

R.T.: 6.223 min  
Delta R.T.: 0.032 min  
Response: 18049262  
Conc: 4.17 ng/ml



#16 4,4'-DDD

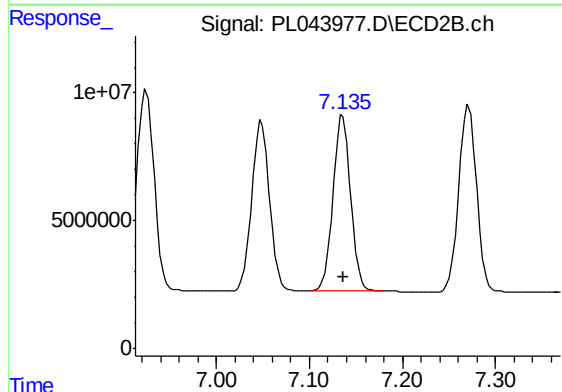
R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 85952895  
Conc: 56.88 ng/ml



#17 4,4'-DDT

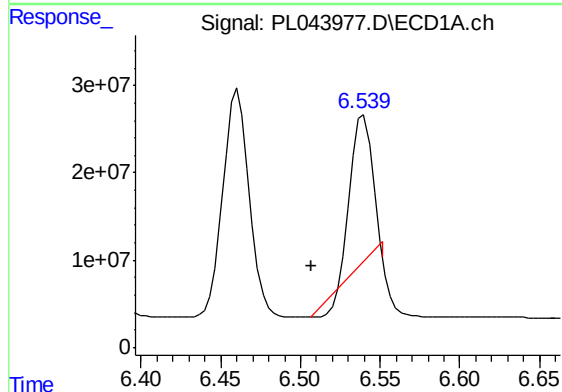
R.T.: 6.461 min  
Delta R.T.: 0.032 min  
Response: 301109377  
Conc: 66.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



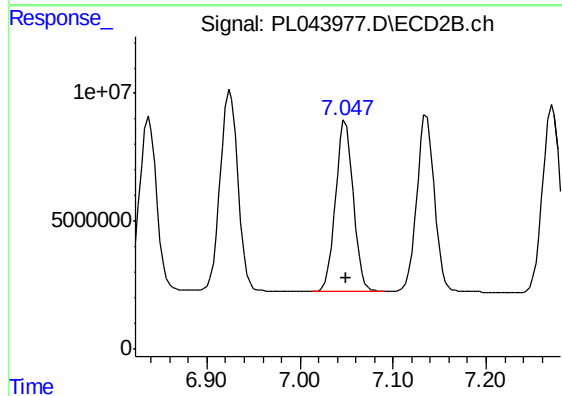
#17 4,4'-DDT

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 90000912  
Conc: 54.57 ng/ml



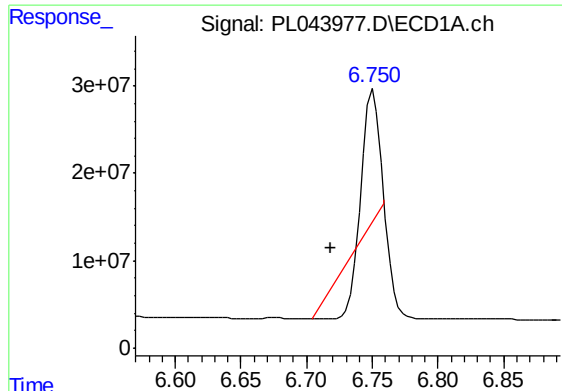
#18 Endrin aldehyde

R.T.: 6.540 min  
Delta R.T.: 0.033 min  
Response: 143751574  
Conc: 32.23 ng/ml



#18 Endrin aldehyde

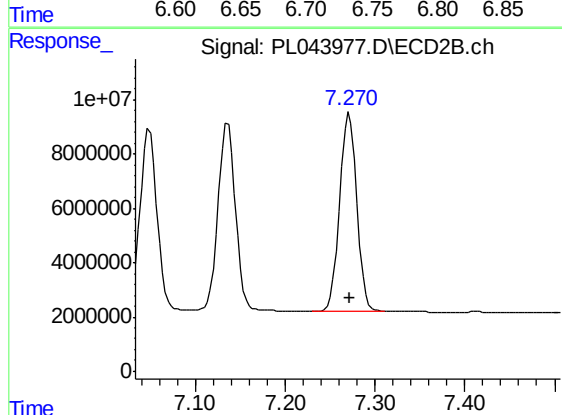
R.T.: 7.049 min  
Delta R.T.: 0.000 min  
Response: 88256845  
Conc: 55.69 ng/ml



#19 Endosulfan Sulfate

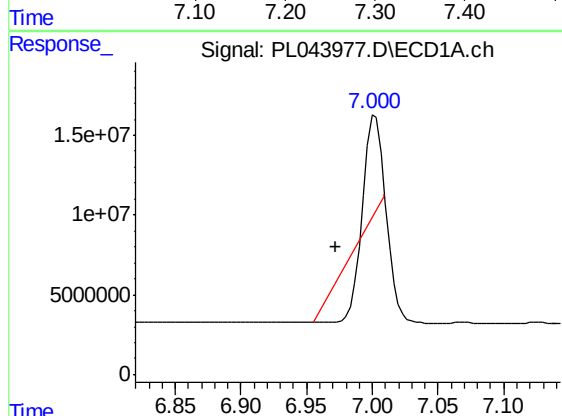
R.T.: 6.751 min  
Delta R.T.: 0.032 min  
Response: 65495352  
Conc: 12.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



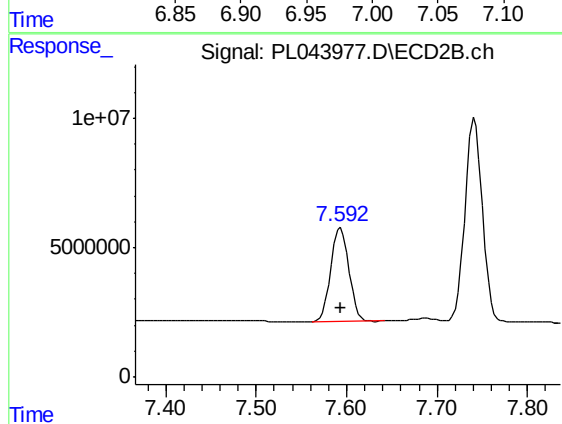
#19 Endosulfan Sulfate

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 96797286  
Conc: 51.34 ng/ml



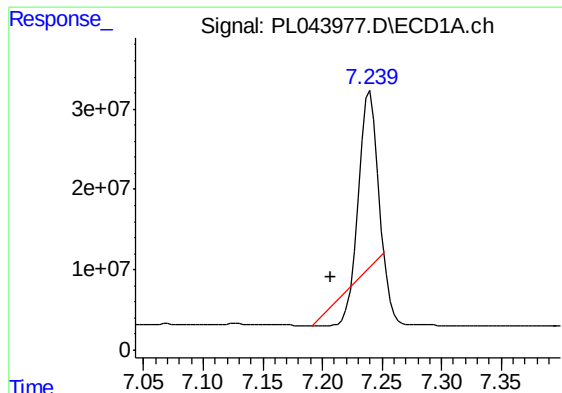
#20 Methoxychlor

R.T.: 7.003 min  
Delta R.T.: 0.031 min  
Response: 11362544  
Conc: 4.44 ng/ml



#20 Methoxychlor

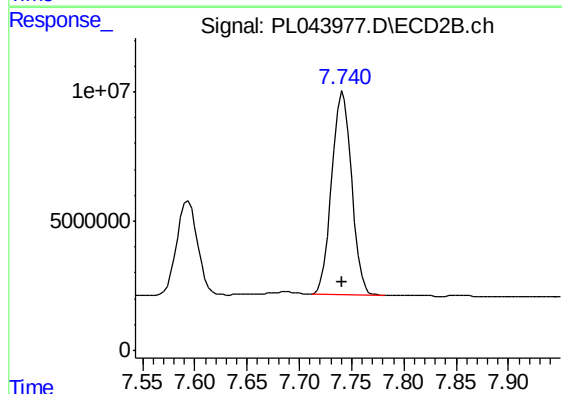
R.T.: 7.594 min  
Delta R.T.: 0.000 min  
Response: 50516329  
Conc: 57.23 ng/ml



#21 Endrin ketone

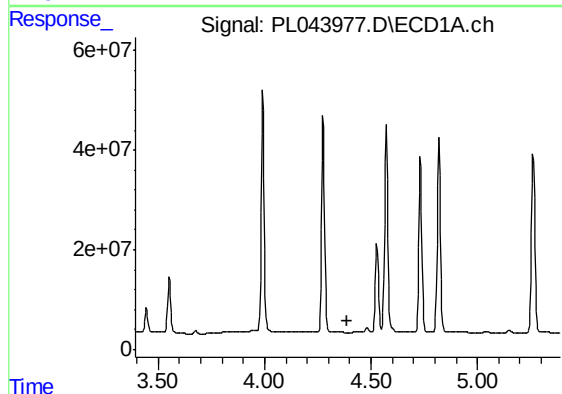
R.T.: 7.240 min  
Delta R.T.: 0.033 min  
Response: 179562848  
Conc: 29.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



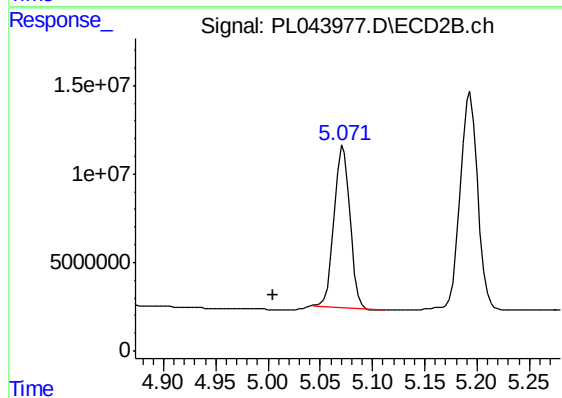
#21 Endrin ketone

R.T.: 7.742 min  
Delta R.T.: 0.000 min  
Response: 104365270  
Conc: 53.78 ng/ml



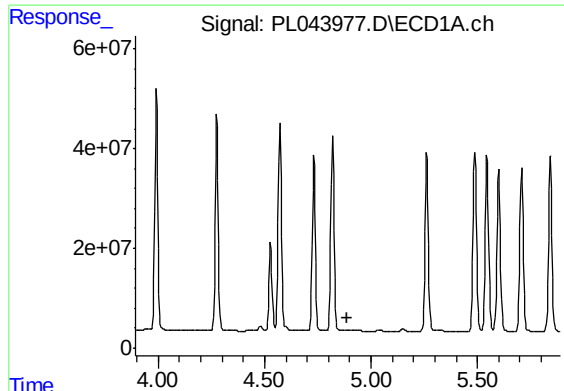
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.391 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

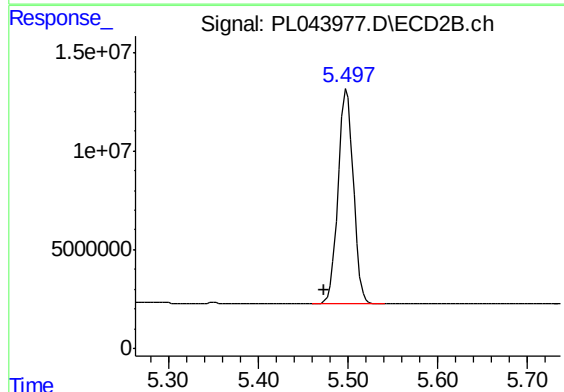
R.T.: 5.072 min  
Delta R.T.: 0.067 min  
Response: 96067753  
Conc: 1070.76 ng/ml



#24 Chlordane-2

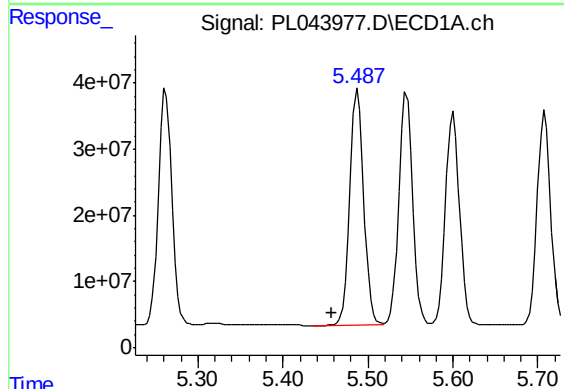
R.T.: 0.000 min  
Exp R.T.: 4.891 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



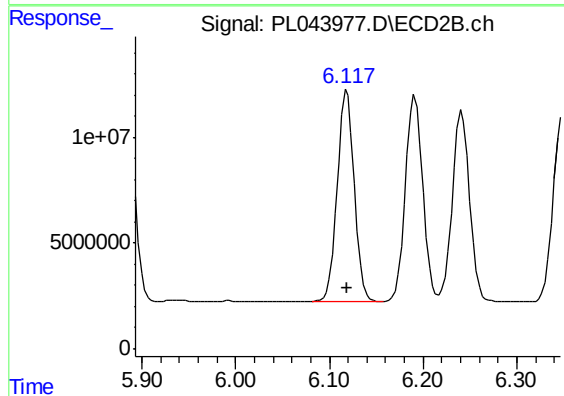
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.025 min  
Response: 128592087  
Conc: 1384.95 ng/ml



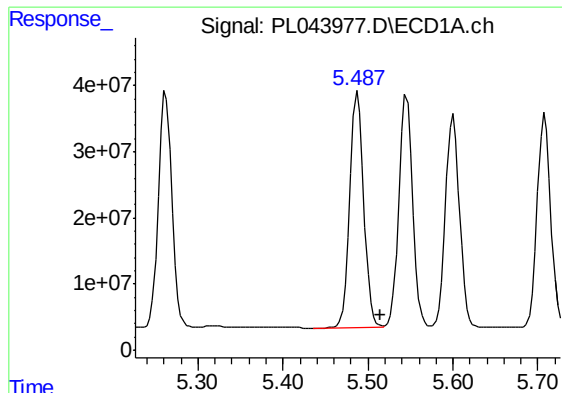
#25 Chlordane-3

R.T.: 5.488 min  
Delta R.T.: 0.031 min  
Response: 400251779  
Conc: 551.20 ng/ml



#25 Chlordane-3

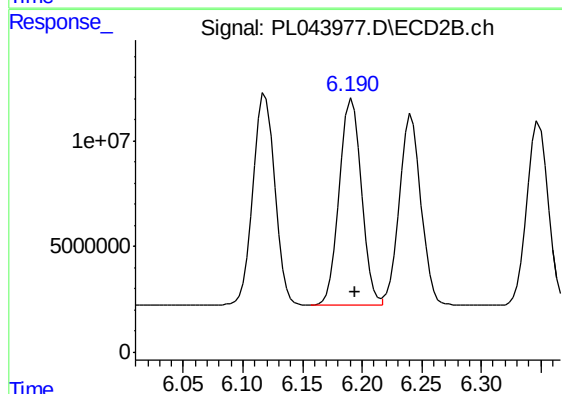
R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 125847123  
Conc: 410.81 ng/ml



#26 Chlordane-4

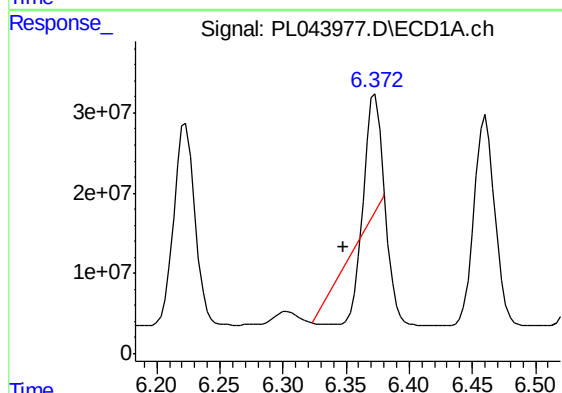
R.T.: 5.488 min  
Delta R.T.: -0.026 min  
Response: 400251779  
Conc: 628.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



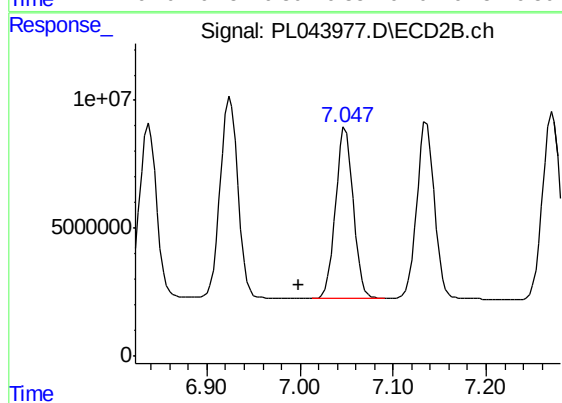
#26 Chlordane-4

R.T.: 6.192 min  
Delta R.T.: -0.002 min  
Response: 124247640  
Conc: 339.87 ng/ml



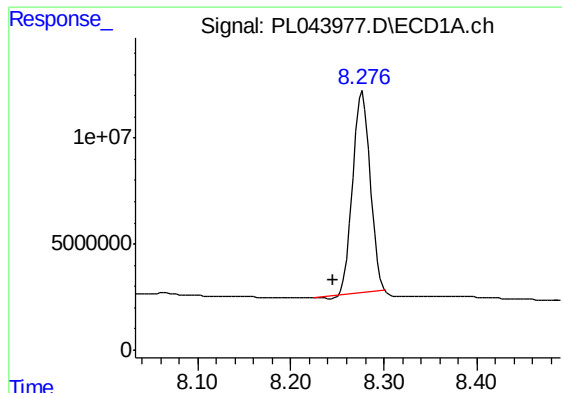
#27 Chlordane-5

R.T.: 6.373 min  
Delta R.T.: 0.025 min  
Response: 24285580  
Conc: 121.88 ng/ml



#27 Chlordane-5

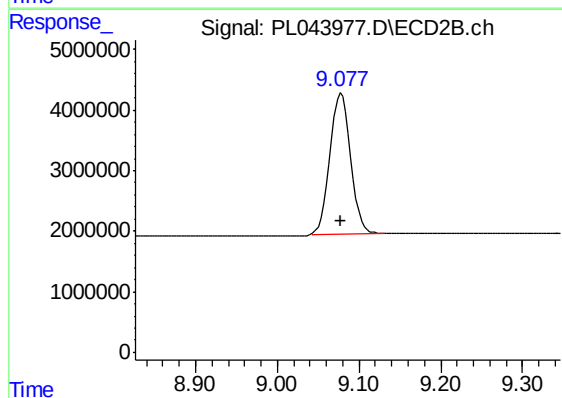
R.T.: 7.049 min  
Delta R.T.: 0.051 min  
Response: 88256845  
Conc: 1269.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.277 min  
Delta R.T.: 0.031 min  
Response: 123624715  
Conc: 21.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OK-01-011519-AMSD



#28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.000 min  
Response: 40861488  
Conc: 25.72 ng/ml