

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080818\  
 Data File : PL039024.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Aug 2018 14:57  
 Operator : AJ\SJ  
 Sample : J4360-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 09 00:54:23 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 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... | 3.323 | 3.927 | 183.8E6  | 65729212 | 24.689  | 25.040     |
| 2)                          | SA Decachlor... | 7.991 | 8.934 | 120.2E6  | 51044268 | 15.846  | 20.882 #   |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.752 | 4.306 | 612.3E6  | 223.3E6  | 51.821  | 57.702     |
| 3)                          | MA gamma-BHC... | 4.029 | 4.586 | 525.7E6  | 198.9E6  | 50.144  | 55.081     |
| 4)                          | MA Heptachlor   | 4.312 | 5.095 | 515.0E6  | 191.8E6  | 48.412  | 59.996     |
| 5)                          | MB Aldrin       | 4.549 | 5.397 | 644.1E6  | 192.5E6  | 61.534  | 62.379     |
| 6)                          | B beta-BHC      | 4.283 | 4.749 | 233.3E6  | 84991416 | 49.415  | 56.030     |
| 7)                          | B delta-BHC     | 4.477 | 4.962 | 529.9E6  | 194.8E6  | 48.818  | 58.729     |
| 8)                          | B Heptachlo...  | 4.987 | 5.778 | 452.3E6  | 168.2E6  | 47.970  | 59.180     |
| 9)                          | A Endosulfan I  | 5.318 | 6.131 | 409.6E6  | 138.3E6  | 47.356  | 53.776     |
| 10)                         | B gamma-Chl...  | 5.209 | 6.010 | 601.9E6  | 142.9E6  | 60.892  | 49.298     |
| 11)                         | B alpha-Chl...  | 5.265 | 6.084 | 513.7E6  | 148.1E6  | 54.264  | 51.658     |
| 12)                         | B 4,4'-DDE      | 5.434 | 6.240 | 429.1E6  | 142.0E6  | 44.754  | 53.115     |
| 13)                         | MA Dieldrin     | 5.557 | 6.385 | 524.6E6  | 141.6E6  | 54.586  | 52.038     |
| 14)                         | MA Endrin       | 5.811 | 6.598 | 333.8E6  | 125.0E6  | 38.420  | 52.325 #   |
| 15)                         | B Endosulfa...  | 6.085 | 6.802 | 324.6E6  | 100.6E6  | 40.937  | 41.888     |
| 16)                         | A 4,4'-DDD      | 5.946 | 6.722 | 331.4E6  | 108.9E6  | 45.181  | 50.900     |
| 17)                         | MA 4,4'-DDT     | 6.179 | 7.021 | 387.6E6  | 118.4E6  | 52.180  | 55.549     |
| 18)                         | B Endrin al...  | 6.254 | 6.925 | 256.6E6  | 86299063 | 40.299  | 44.225     |
| 19)                         | B Endosulfa...  | 6.464 | 7.147 | 312.3E6  | 98571523 | 41.345  | 45.221     |
| 20)                         | A Methoxychlor  | 6.728 | 7.476 | 158.2E6  | 46186214 | 41.111  | 40.562     |
| 21)                         | B Endrin ke...  | 6.947 | 7.611 | 318.2E6  | 107.0E6  | 40.558  | 44.888     |
| 23)                         | Chlordane-1     | 4.239 | 4.962 | 28632676 | 194.8E6  | 82.694  | 1680.823 # |
| 24)                         | Chlordane-2     | 4.719 | 5.355 | -2357346 | 6248954  | N.D.    | 52.183     |
| 25)                         | Chlordane-3     | 5.209 | 6.010 | 601.9E6  | 142.9E6  | 517.358 | 350.393 #  |
| 26)                         | Chlordane-4     | 5.265 | 6.084 | 513.7E6  | 148.1E6  | 488.550 | 301.365 #  |
| 27)                         | Chlordane-5     | 5.870 | 6.848 | 12700752 | 9555154  | 79.314  | 106.667 #  |
| -----                       |                 |       |       |          |          |         |            |

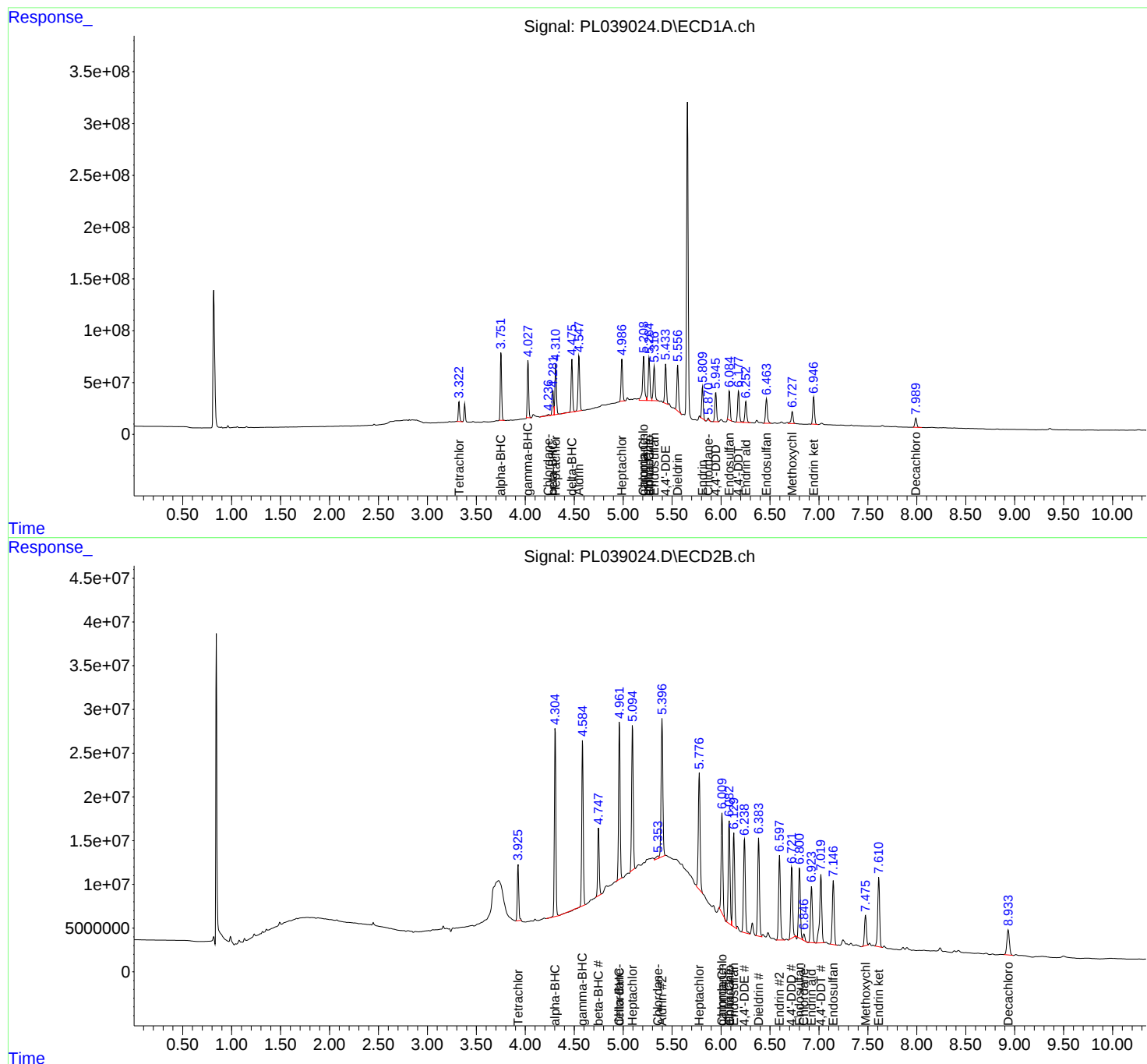
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

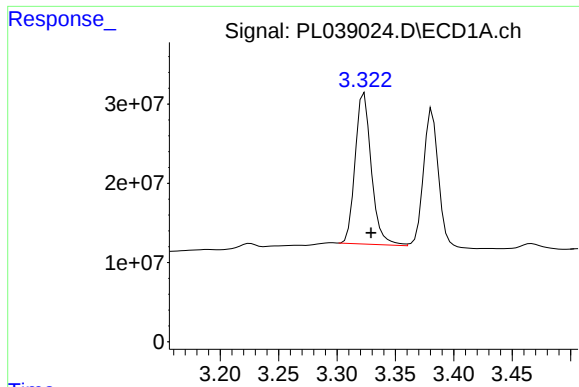
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080818\  
Data File : PL039024.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Aug 2018 14:57  
Operator : AJ\SJ  
Sample : J4360-01MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 09 00:54:23 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 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

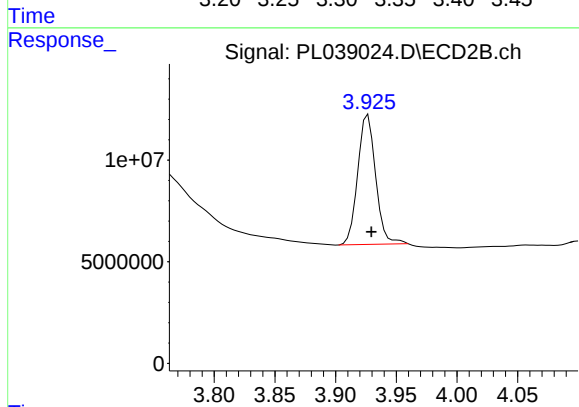




#1 Tetrachloro-m-xylene

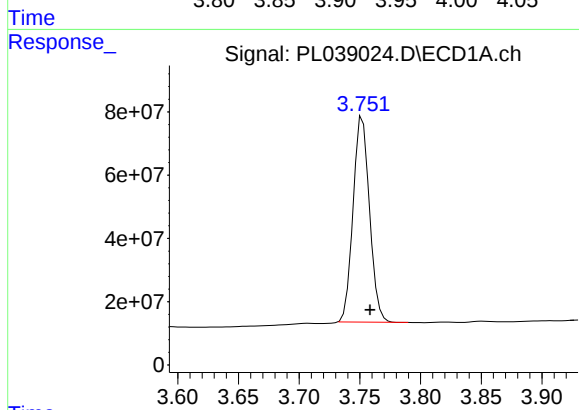
R.T.: 3.323 min  
Delta R.T.: -0.006 min  
Response: 183844105  
Conc: 24.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



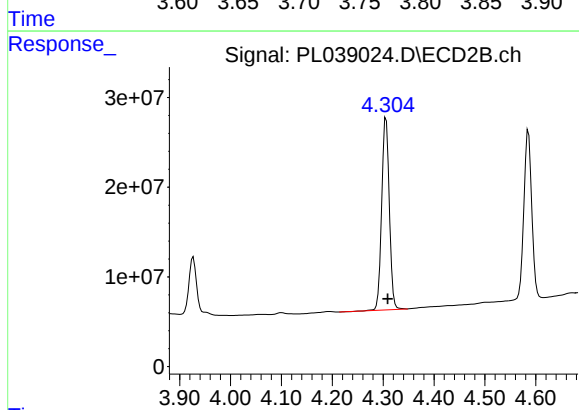
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.003 min  
Response: 65729212  
Conc: 25.04 ng/ml



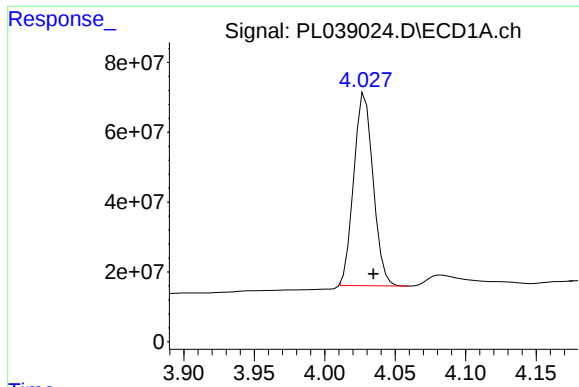
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: -0.006 min  
Response: 612281268  
Conc: 51.82 ng/ml



#2 alpha-BHC

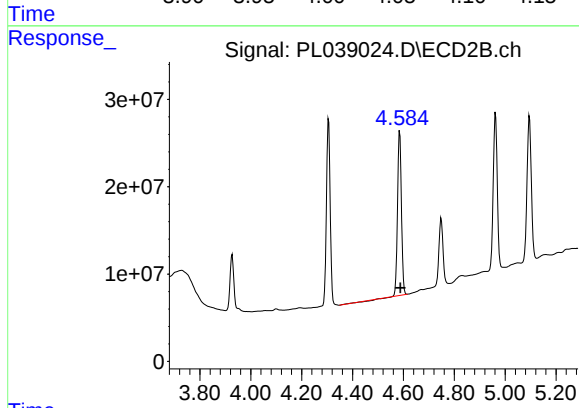
R.T.: 4.306 min  
Delta R.T.: -0.003 min  
Response: 223314762  
Conc: 57.70 ng/ml



#3 gamma-BHC (Lindane)

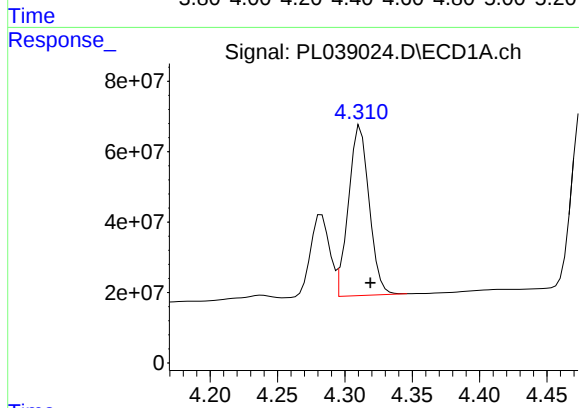
R.T.: 4.029 min  
Delta R.T.: -0.006 min  
Response: 525700946  
Conc: 50.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



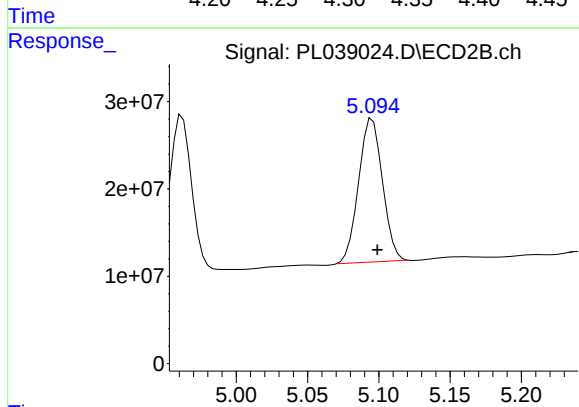
#3 gamma-BHC (Lindane)

R.T.: 4.586 min  
Delta R.T.: -0.003 min  
Response: 198940001  
Conc: 55.08 ng/ml



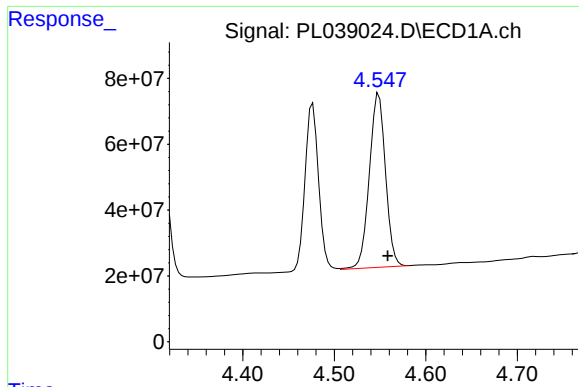
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: -0.007 min  
Response: 514974400  
Conc: 48.41 ng/ml



#4 Heptachlor

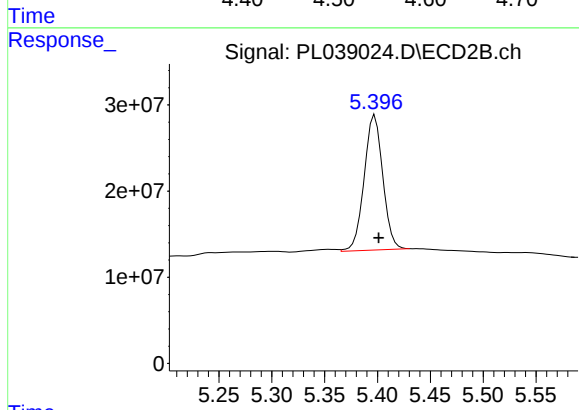
R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 191761829  
Conc: 60.00 ng/ml



#5 Aldrin

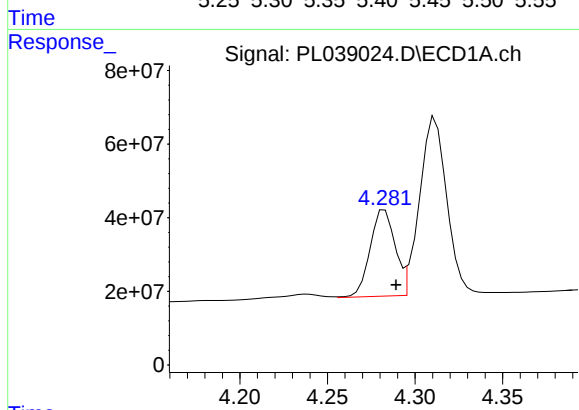
R.T.: 4.549 min  
Delta R.T.: -0.010 min  
Response: 644102880  
Conc: 61.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



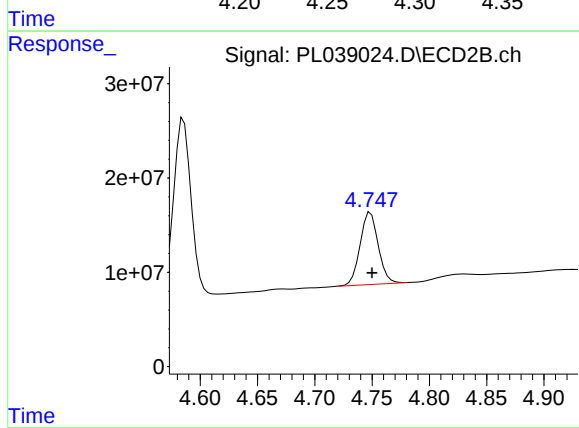
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 192515413  
Conc: 62.38 ng/ml



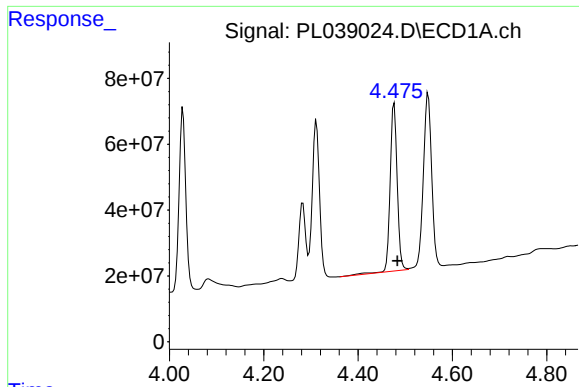
#6 beta-BHC

R.T.: 4.283 min  
Delta R.T.: -0.007 min  
Response: 233255750  
Conc: 49.41 ng/ml



#6 beta-BHC

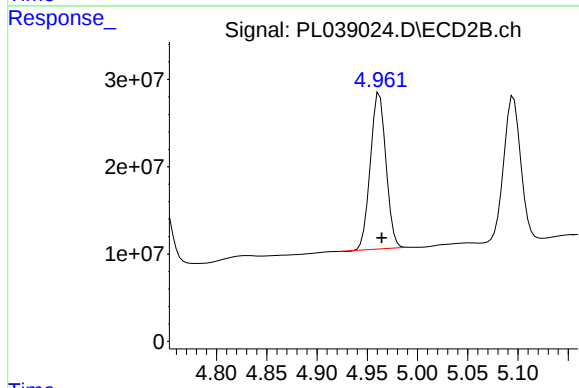
R.T.: 4.749 min  
Delta R.T.: -0.001 min  
Response: 84991416  
Conc: 56.03 ng/ml



#7 delta-BHC

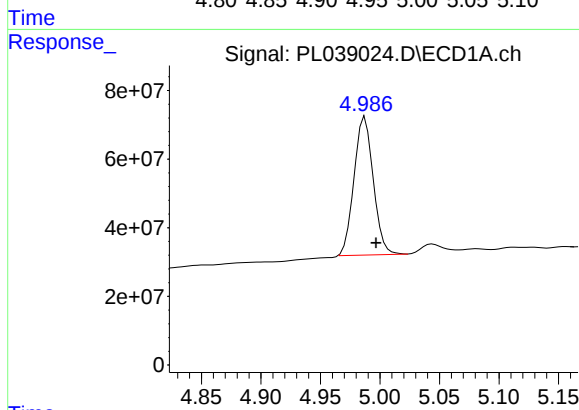
R.T.: 4.477 min  
Delta R.T.: -0.007 min  
Response: 529883845  
Conc: 48.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



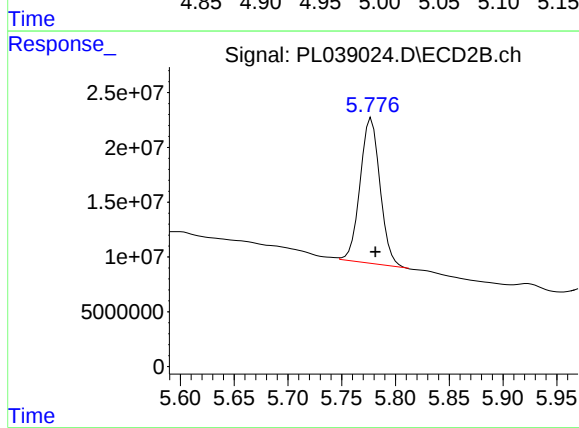
#7 delta-BHC

R.T.: 4.962 min  
Delta R.T.: -0.002 min  
Response: 194782128  
Conc: 58.73 ng/ml



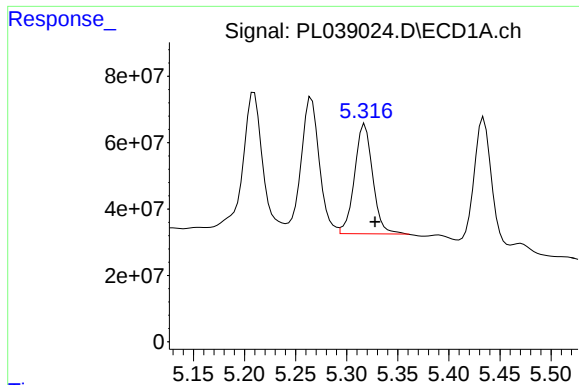
#8 Heptachlor epoxide

R.T.: 4.987 min  
Delta R.T.: -0.009 min  
Response: 452285994  
Conc: 47.97 ng/ml



#8 Heptachlor epoxide

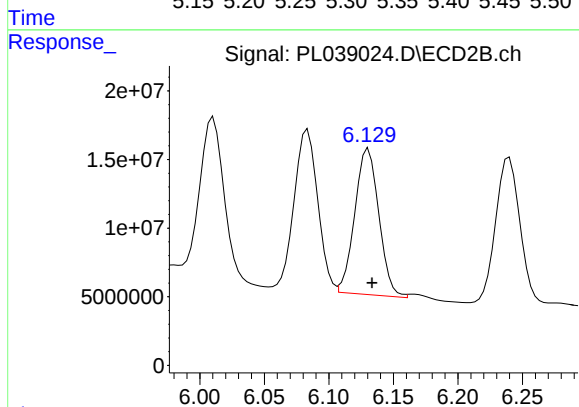
R.T.: 5.778 min  
Delta R.T.: -0.004 min  
Response: 168184742  
Conc: 59.18 ng/ml



#9 Endosulfan I

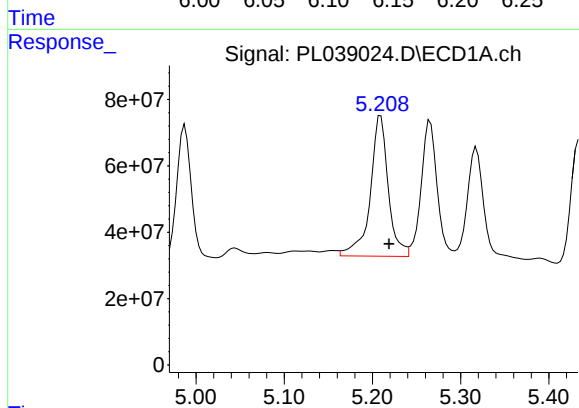
R.T.: 5.318 min  
Delta R.T.: -0.010 min  
Response: 409614220  
Conc: 47.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



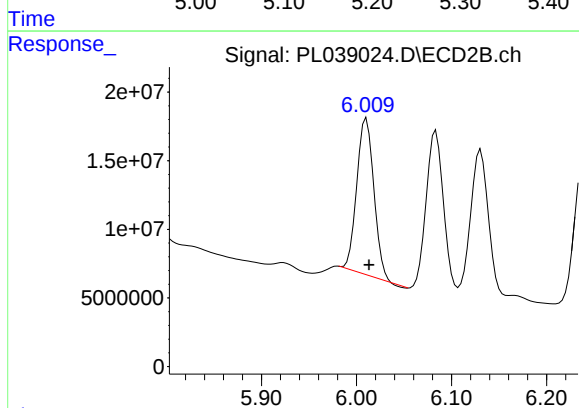
#9 Endosulfan I

R.T.: 6.131 min  
Delta R.T.: -0.003 min  
Response: 138300158  
Conc: 53.78 ng/ml



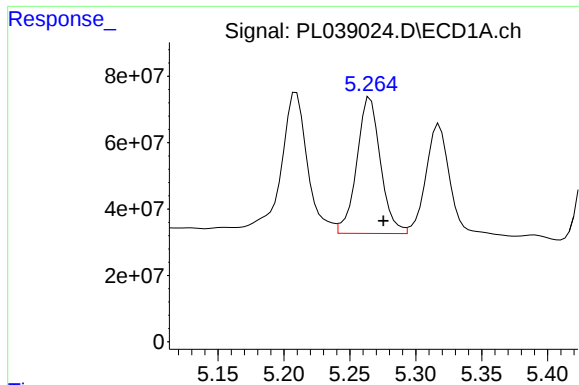
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.010 min  
Response: 601858428  
Conc: 60.89 ng/ml



#10 gamma-Chlordane

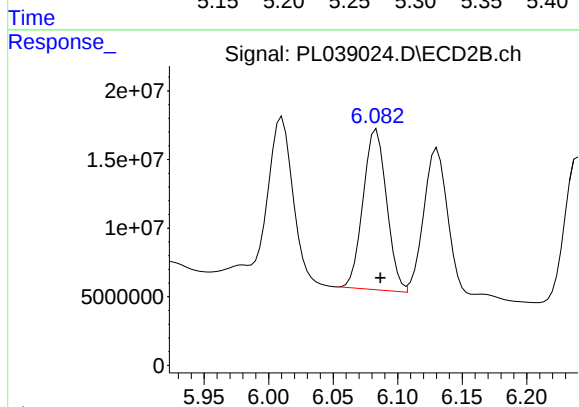
R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 142925199  
Conc: 49.30 ng/ml



#11 alpha-Chlordane

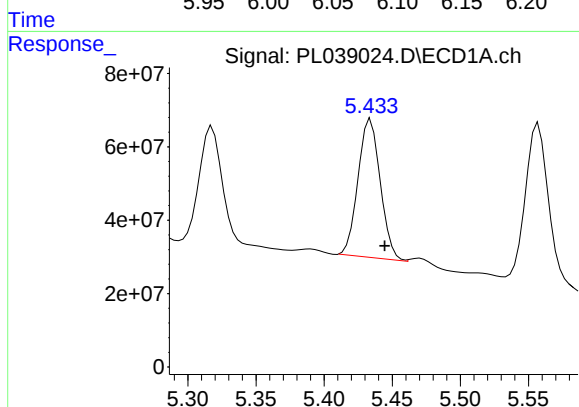
R.T.: 5.265 min  
Delta R.T.: -0.010 min  
Response: 513652618  
Conc: 54.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



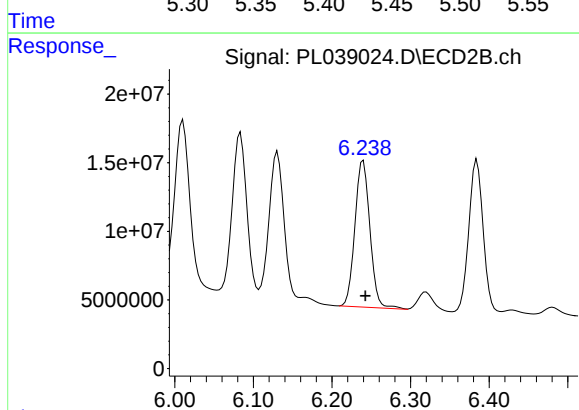
#11 alpha-Chlordane

R.T.: 6.084 min  
Delta R.T.: -0.003 min  
Response: 148064745  
Conc: 51.66 ng/ml



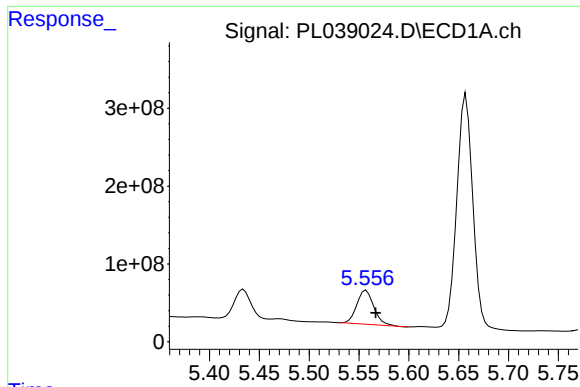
#12 4,4'-DDE

R.T.: 5.434 min  
Delta R.T.: -0.010 min  
Response: 429090621  
Conc: 44.75 ng/ml



#12 4,4'-DDE

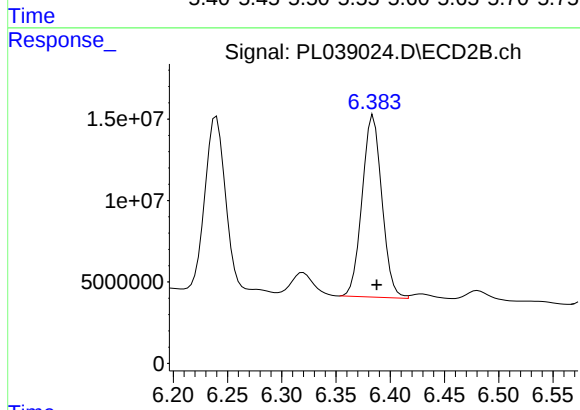
R.T.: 6.240 min  
Delta R.T.: -0.003 min  
Response: 142033254  
Conc: 53.11 ng/ml



#13 Dieldrin

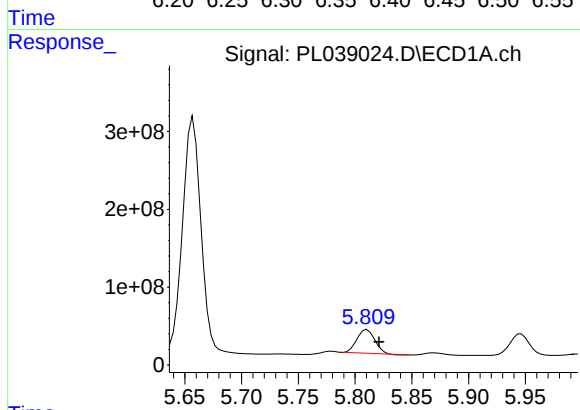
R.T.: 5.557 min  
Delta R.T.: -0.010 min  
Response: 524585199  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



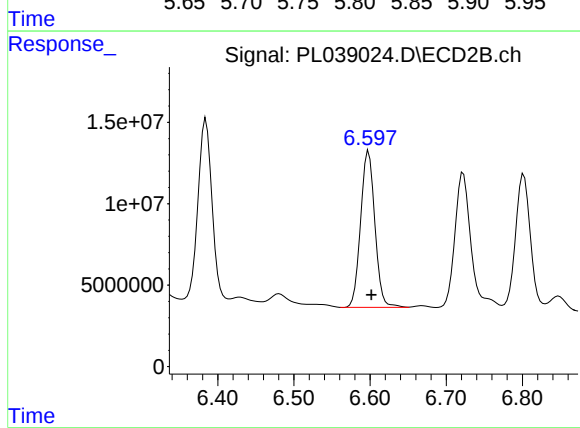
#13 Dieldrin

R.T.: 6.385 min  
Delta R.T.: -0.003 min  
Response: 141635274  
Conc: 52.04 ng/ml



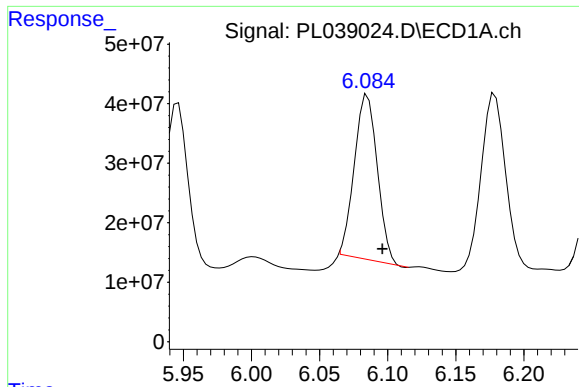
#14 Endrin

R.T.: 5.811 min  
Delta R.T.: -0.011 min  
Response: 333803797  
Conc: 38.42 ng/ml



#14 Endrin

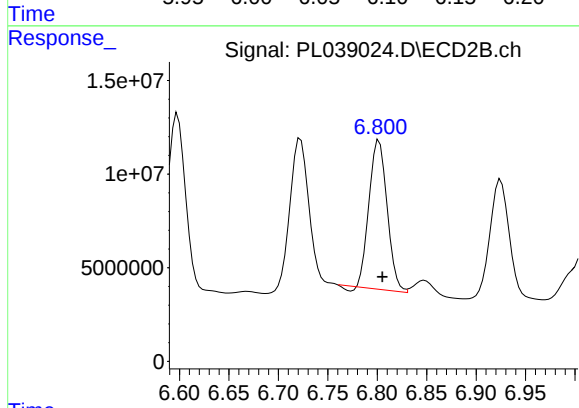
R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 124960371  
Conc: 52.33 ng/ml



#15 Endosulfan II

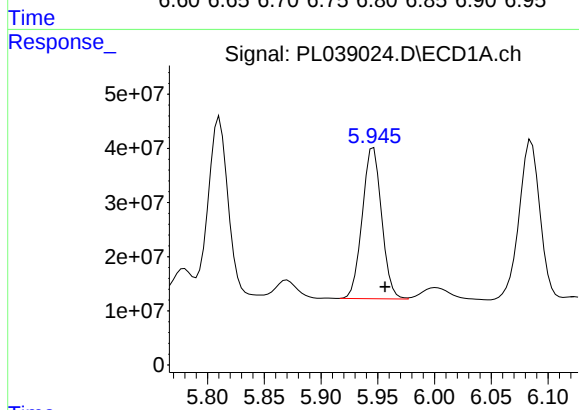
R.T.: 6.085 min  
Delta R.T.: -0.011 min  
Response: 324638330  
Conc: 40.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



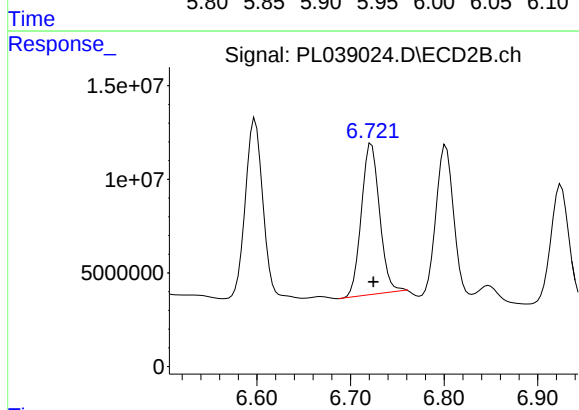
#15 Endosulfan II

R.T.: 6.802 min  
Delta R.T.: -0.003 min  
Response: 100589089  
Conc: 41.89 ng/ml



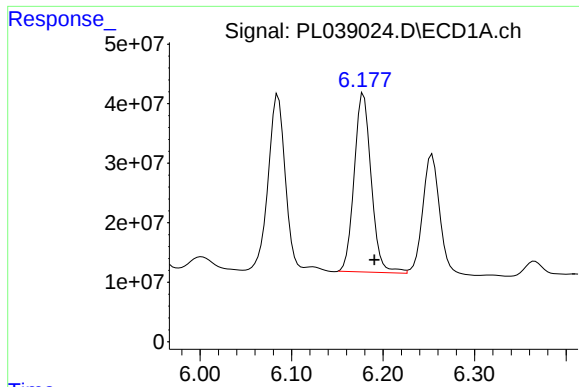
#16 4,4'-DDD

R.T.: 5.946 min  
Delta R.T.: -0.010 min  
Response: 331432410  
Conc: 45.18 ng/ml



#16 4,4'-DDD

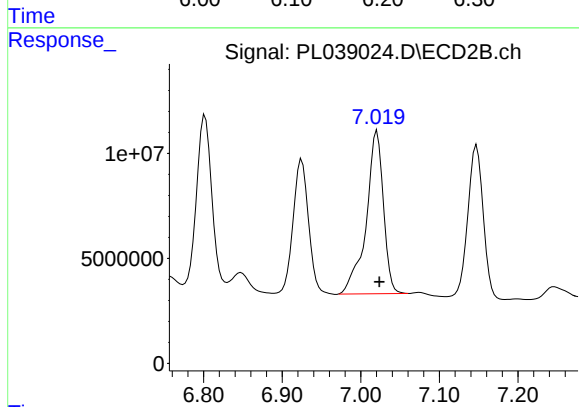
R.T.: 6.722 min  
Delta R.T.: -0.002 min  
Response: 108948596  
Conc: 50.90 ng/ml



#17 4,4'-DDT

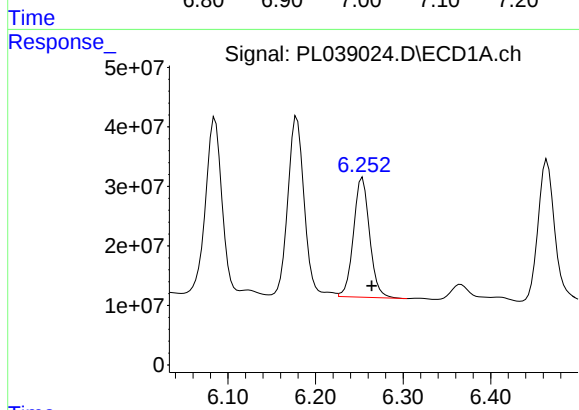
R.T.: 6.179 min  
Delta R.T.: -0.012 min  
Response: 387631625  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



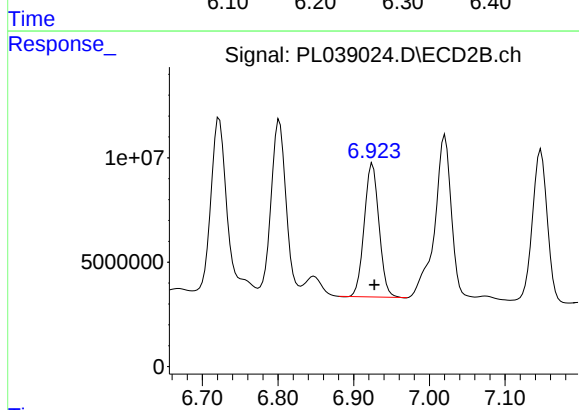
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 118432554  
Conc: 55.55 ng/ml



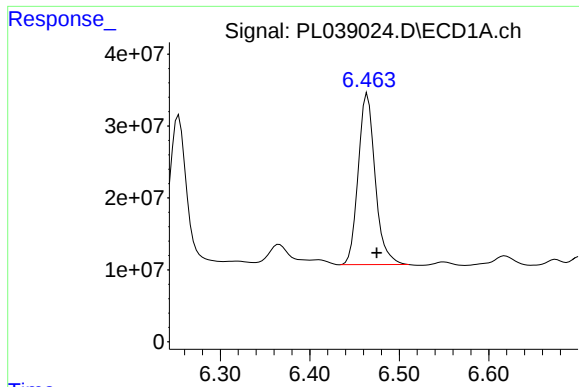
#18 Endrin aldehyde

R.T.: 6.254 min  
Delta R.T.: -0.011 min  
Response: 256608605  
Conc: 40.30 ng/ml



#18 Endrin aldehyde

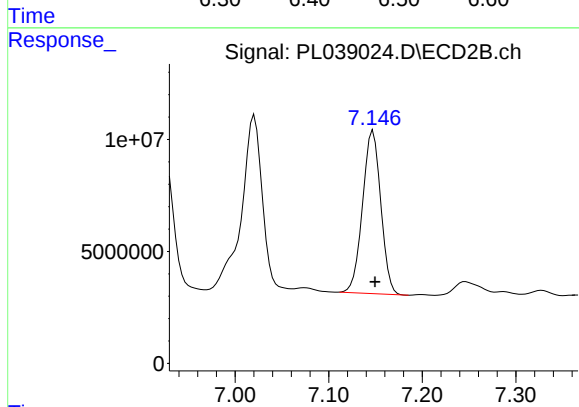
R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 86299063  
Conc: 44.22 ng/ml



#19 Endosulfan Sulfate

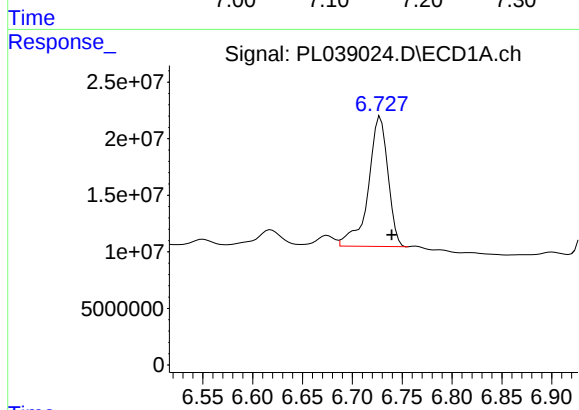
R.T.: 6.464 min  
Delta R.T.: -0.010 min  
Response: 312292006  
Conc: 41.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



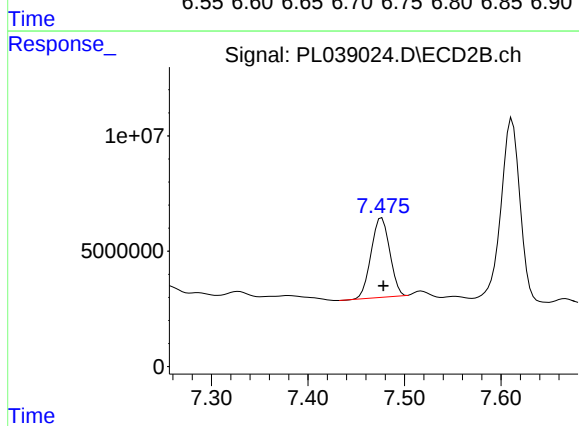
#19 Endosulfan Sulfate

R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 98571523  
Conc: 45.22 ng/ml



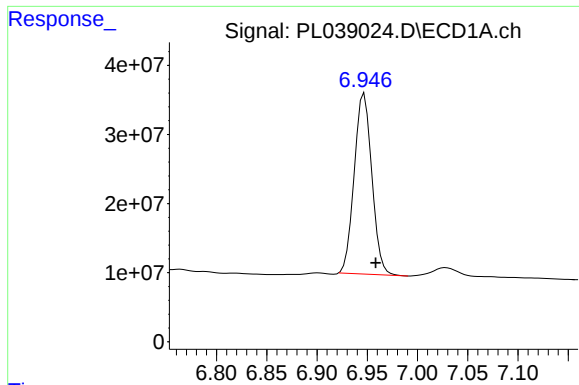
#20 Methoxychlor

R.T.: 6.728 min  
Delta R.T.: -0.011 min  
Response: 158174816  
Conc: 41.11 ng/ml



#20 Methoxychlor

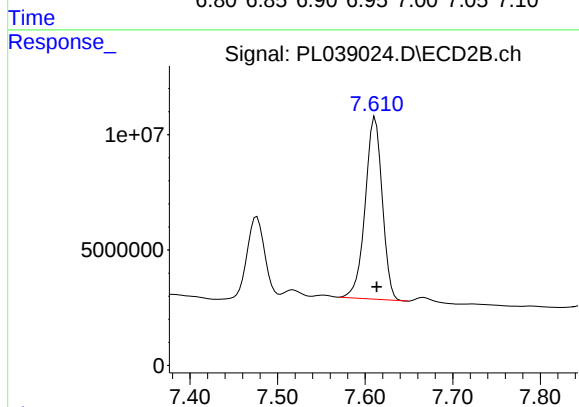
R.T.: 7.476 min  
Delta R.T.: -0.002 min  
Response: 46186214  
Conc: 40.56 ng/ml



#21 Endrin ketone

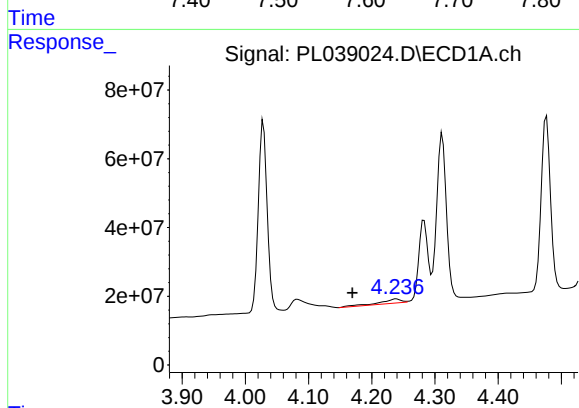
R.T.: 6.947 min  
Delta R.T.: -0.011 min  
Response: 318218953  
Conc: 40.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



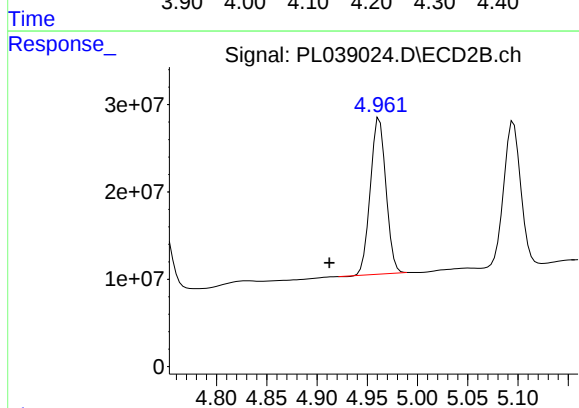
#21 Endrin ketone

R.T.: 7.611 min  
Delta R.T.: -0.002 min  
Response: 106991418  
Conc: 44.89 ng/ml



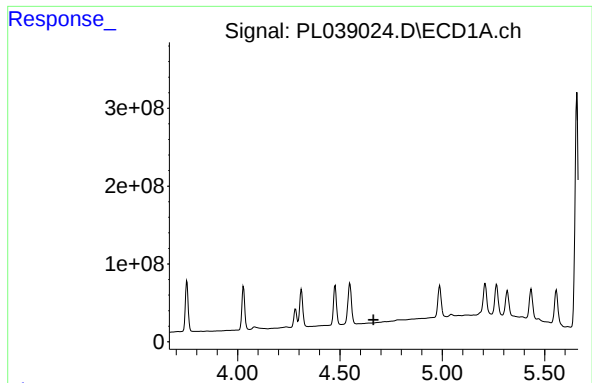
#23 Chlordane-1

R.T.: 4.239 min  
Delta R.T.: 0.069 min  
Response: 28632676  
Conc: 82.69 ng/ml



#23 Chlordane-1

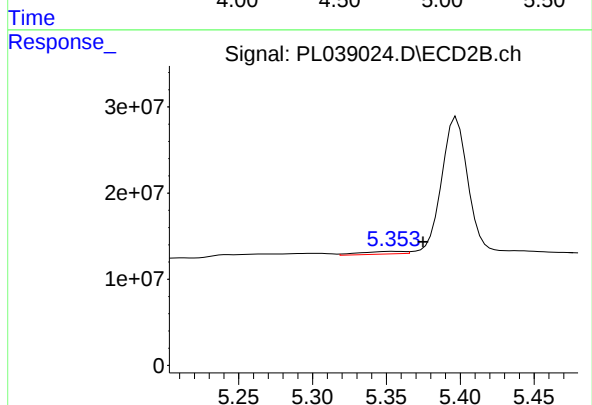
R.T.: 4.962 min  
Delta R.T.: 0.050 min  
Response: 194782128  
Conc: 1680.82 ng/ml



#24 Chlordane-2

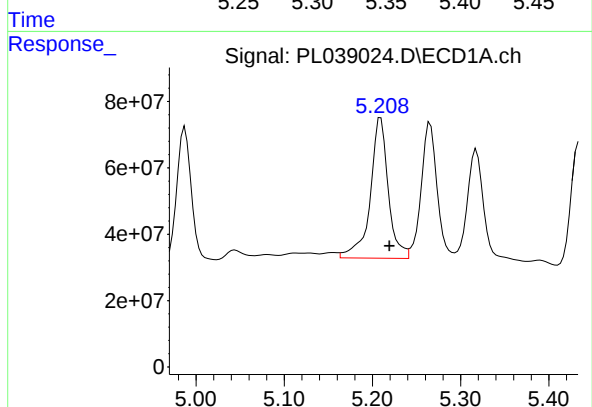
R.T.: 4.719 min  
Delta R.T.: 0.056 min  
Response: -2357346  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



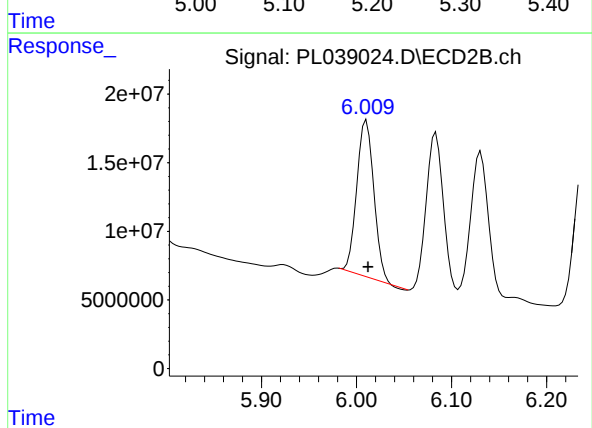
#24 Chlordane-2

R.T.: 5.355 min  
Delta R.T.: -0.020 min  
Response: 6248954  
Conc: 52.18 ng/ml



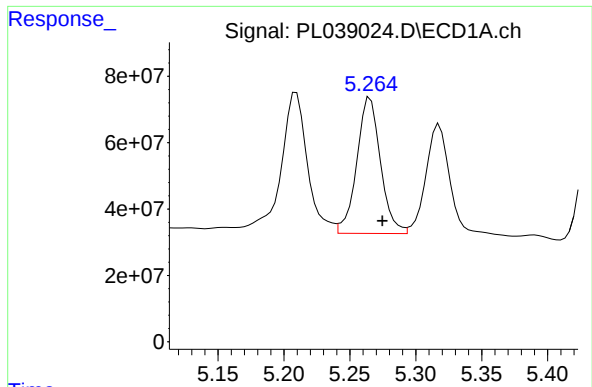
#25 Chlordane-3

R.T.: 5.209 min  
Delta R.T.: -0.010 min  
Response: 601858428  
Conc: 517.36 ng/ml



#25 Chlordane-3

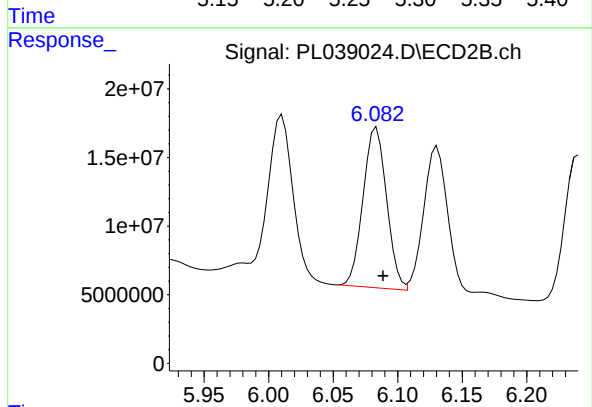
R.T.: 6.010 min  
Delta R.T.: -0.002 min  
Response: 142925199  
Conc: 350.39 ng/ml



#26 Chlordane-4

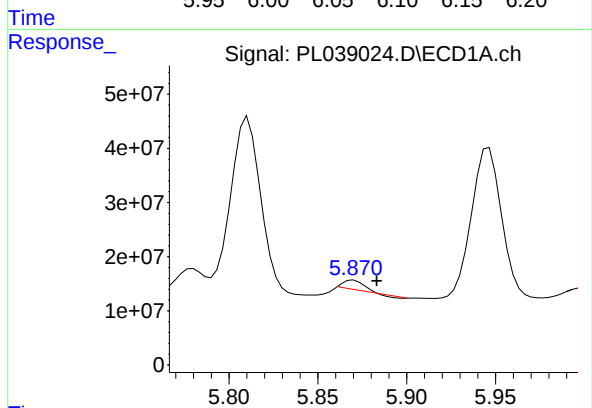
R.T.: 5.265 min  
Delta R.T.: -0.009 min  
Response: 513652618  
Conc: 488.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



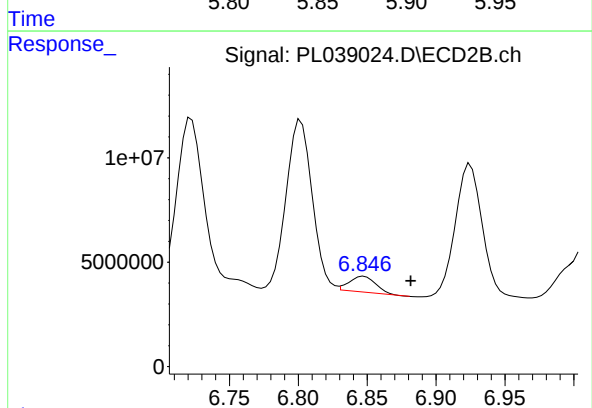
#26 Chlordane-4

R.T.: 6.084 min  
Delta R.T.: -0.005 min  
Response: 148064745  
Conc: 301.36 ng/ml



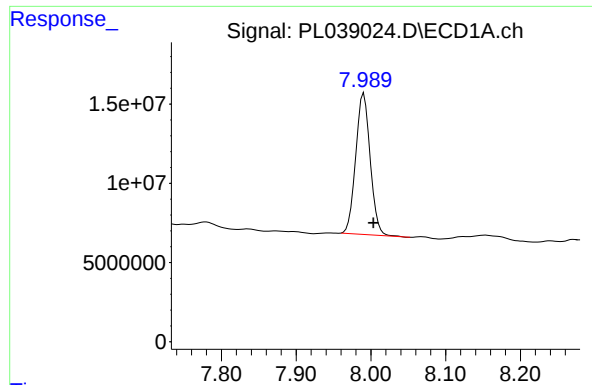
#27 Chlordane-5

R.T.: 5.870 min  
Delta R.T.: -0.013 min  
Response: 12700752  
Conc: 79.31 ng/ml



#27 Chlordane-5

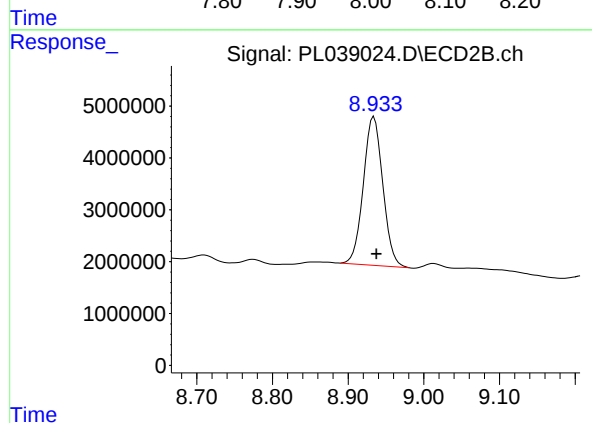
R.T.: 6.848 min  
Delta R.T.: -0.034 min  
Response: 9555154  
Conc: 106.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.991 min  
Delta R.T.: -0.013 min  
Response: 120209601  
Conc: 15.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.934 min  
Delta R.T.: -0.003 min  
Response: 51044268  
Conc: 20.88 ng/ml