

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112119\  
 Data File : PL054528.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Nov 2019 17:10  
 Operator : SG\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: Nov 22 00:37:57 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 19 01:04:14 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... | 3.543  | 4.044  | 520.1E6  | 124.3E6  | 50.023   | 51.004     |
| 28)                         | SA Decachlor... | 8.325  | 9.126  | 389.1E6  | 115.1E6  | 43.962   | 47.591     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.986  | 4.435  | 847.3E6  | 176.1E6  | 49.737   | 52.315     |
| 3)                          | MA gamma-BHC... | 4.273  | 4.721  | 756.3E6  | 160.3E6  | 50.339   | 52.149     |
| 4)                          | MA Heptachlor   | 4.579  | 5.231  | 742.5E6  | 141.7E6  | 48.486   | 49.323     |
| 5)                          | MB Aldrin       | 4.830  | 5.536  | 704.5E6  | 134.2E6  | 50.278   | 50.849     |
| 6)                          | B beta-BHC      | 4.524  | 4.891  | 316.0E6  | 88027217 | 49.146   | 58.752     |
| 7)                          | B delta-BHC     | 4.732  | 5.109  | 741.4E6  | 149.4E6  | 52.937   | 59.328     |
| 8)                          | B Heptachlor... | 5.276  | 5.923  | 713.9E6  | 142.3E6  | 55.277   | 59.890     |
| 9)                          | A Endosulfan I  | 5.618  | 6.280  | 647.1E6  | 123.6E6  | 54.628   | 52.735     |
| 10)                         | B gamma-Chl...  | 5.504  | 6.157  | 680.7E6  | 148.7E6  | 53.015   | 59.757     |
| 11)                         | B alpha-Chl...  | 5.562  | 6.229  | 624.9E6  | 132.1E6  | 49.791   | 53.069     |
| 12)                         | B 4,4'-DDE      | 5.726  | 6.386  | 538.8E6  | 123.6E6  | 46.584   | 51.748     |
| 13)                         | MA Dieldrin     | 5.862  | 6.537  | 579.3E6  | 119.2E6  | 47.370   | 49.238     |
| 14)                         | MA Endrin       | 6.121  | 6.755  | 503.6E6  | 97304566 | 45.587   | 45.905     |
| 15)                         | B Endosulfa...  | 6.393  | 6.964  | 468.4E6  | 107.5E6  | 44.723   | 49.449     |
| 16)                         | A 4,4'-DDD      | 6.243  | 6.876  | 416.2E6  | 93699517 | 50.463   | 52.948     |
| 17)                         | MA 4,4'-DDT     | 6.485  | 7.175  | 381.5E6  | 88890692 | 42.080   | 45.316     |
| 18)                         | B Endrin al...  | 6.561  | 7.088  | 381.3E6  | 91550557 | 44.516   | 48.398     |
| 19)                         | B Endosulfa...  | 6.775  | 7.312  | 419.5E6  | 99334501 | 44.798   | 48.094     |
| 20)                         | A Methoxychlor  | 7.030  | 7.634  | 186.9E6  | 47938909 | 40.830   | 42.962     |
| 21)                         | B Endrin ke...  | 7.269  | 7.783  | 443.5E6  | 109.5E6  | 44.153   | 48.365     |
| 22)                         | Mirex           | 7.461  | 8.237  | 332.9E6  | 82619269 | 43.713   | 48.774     |
| 23)                         | Chlordane-1     | 4.451f | 0.000  | 13998524 | 0        | 36.041   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.536f | 0        | 134.2E6  | N.D.     | 1415.748 # |
| 25)                         | Chlordane-3     | 5.504  | 6.157  | 680.7E6  | 148.7E6  | 552.863  | 446.333    |
| 26)                         | Chlordane-4     | 5.562  | 6.229  | 624.9E6  | 132.1E6  | 616.357  | 326.065 #  |
| 27)                         | Chlordane-5     | 6.393  | 0.000  | 468.4E6  | 0        | 1270.052 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

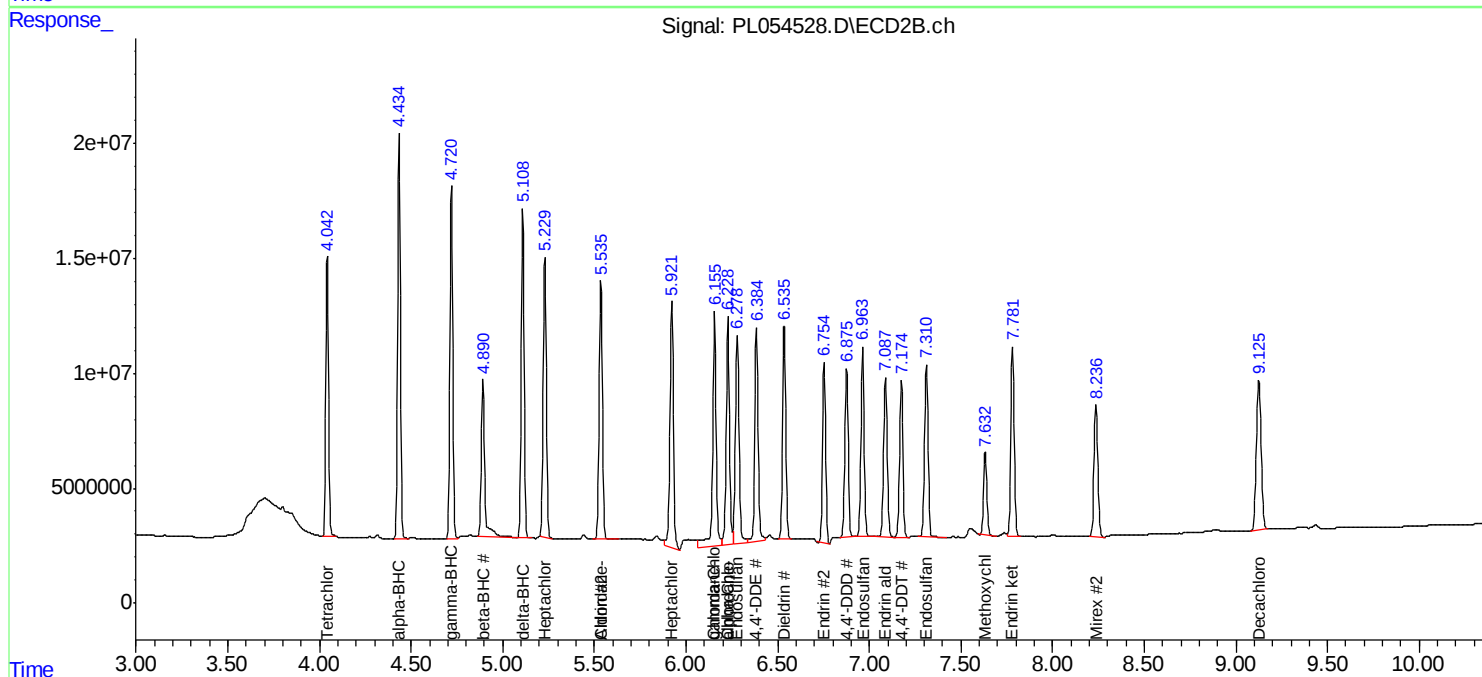
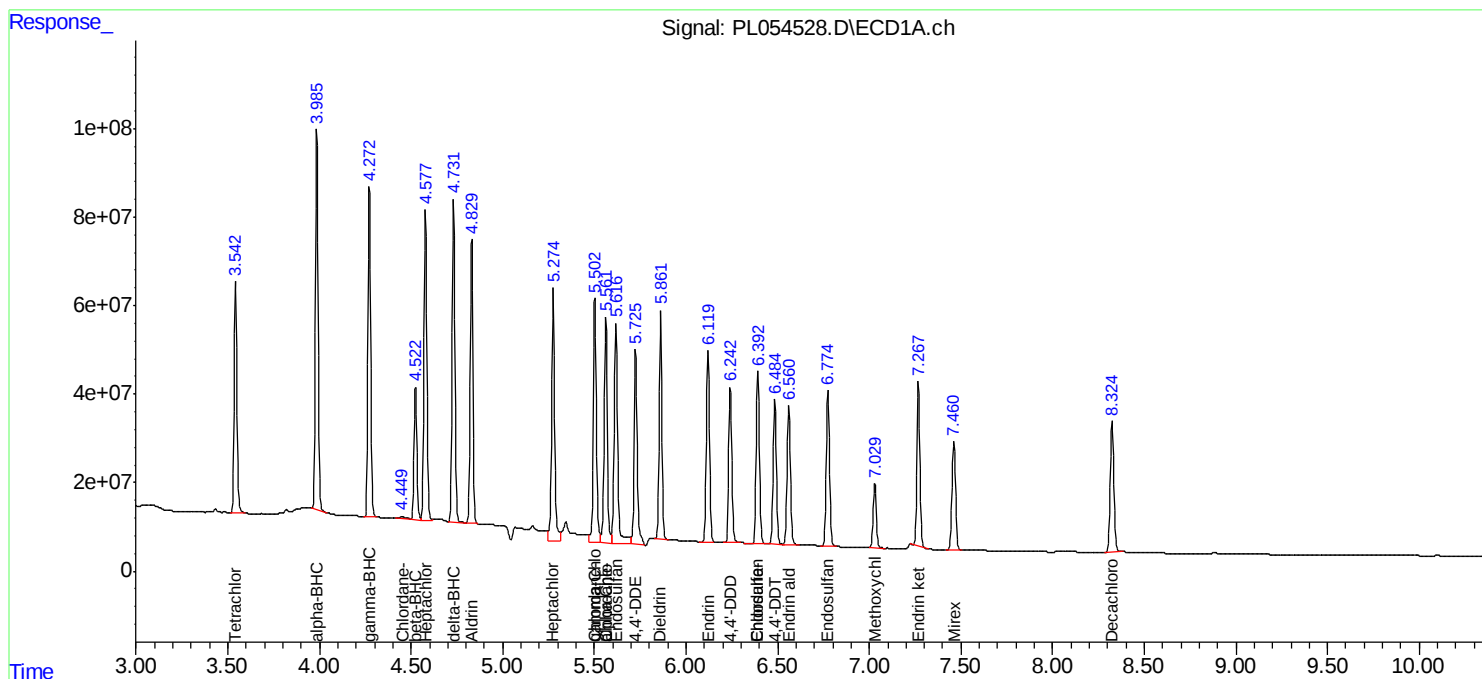
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

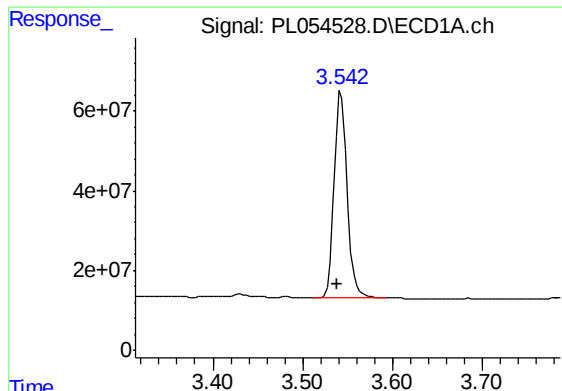
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112119\  
Data File : PL054528.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Nov 2019 17:10  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 22 00:37:57 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 19 01:04:14 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

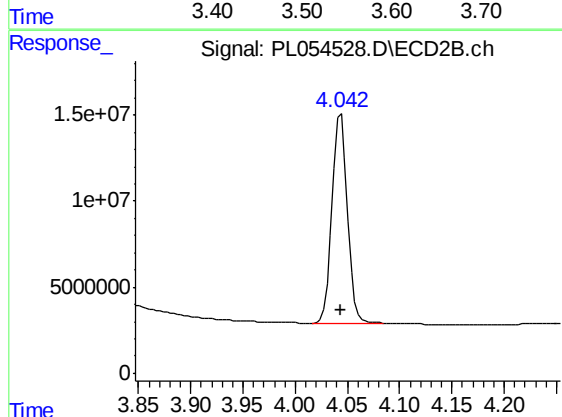




#1 Tetrachloro-m-xylene

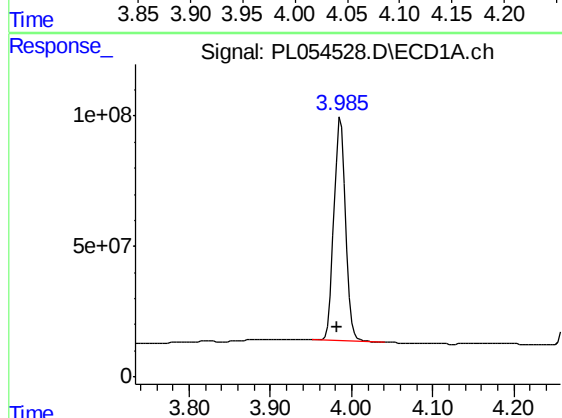
R.T.: 3.543 min  
Delta R.T.: 0.004 min  
Response: 520107951  
Conc: 50.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



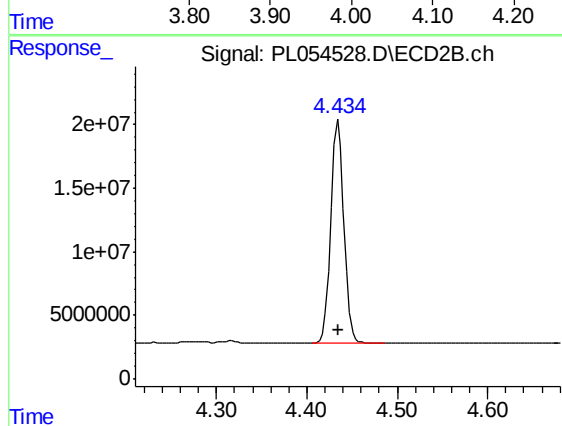
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 124257496  
Conc: 51.00 ng/ml



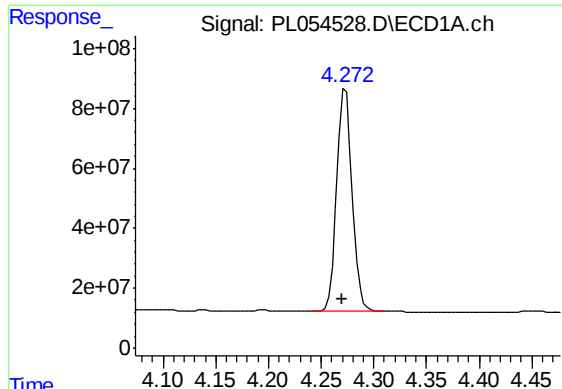
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: 0.004 min  
Response: 847311373  
Conc: 49.74 ng/ml



#2 alpha-BHC

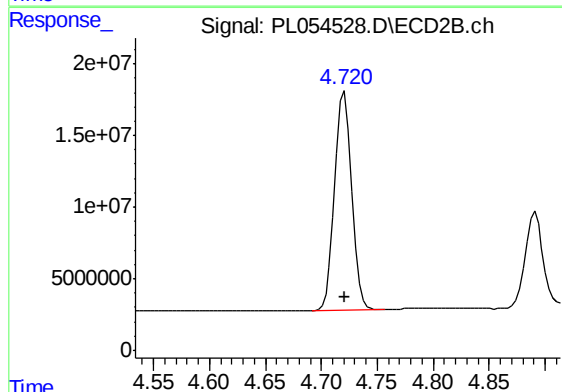
R.T.: 4.435 min  
Delta R.T.: 0.000 min  
Response: 176147578  
Conc: 52.32 ng/ml



#3 gamma-BHC (Lindane)

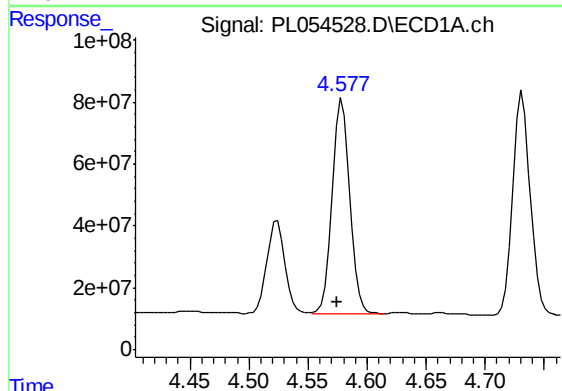
R.T.: 4.273 min  
Delta R.T.: 0.004 min  
Response: 756320320  
Conc: 50.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



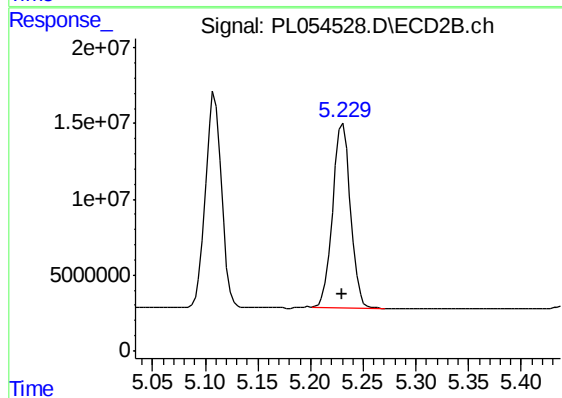
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 160348681  
Conc: 52.15 ng/ml



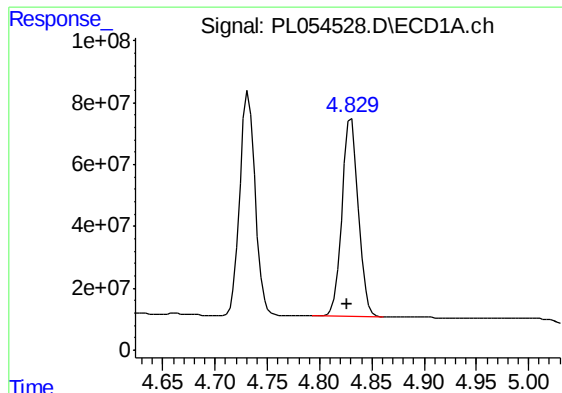
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: 0.004 min  
Response: 742461227  
Conc: 48.49 ng/ml



#4 Heptachlor

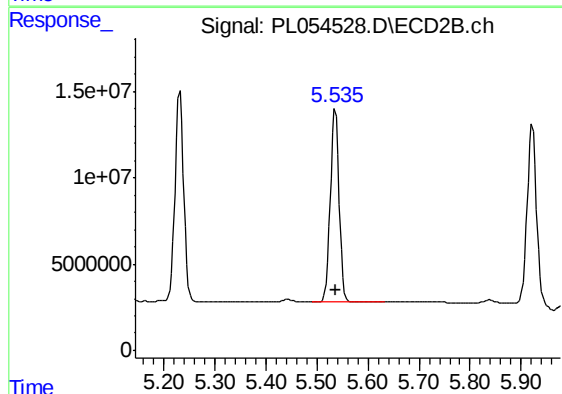
R.T.: 5.231 min  
Delta R.T.: 0.001 min  
Response: 141739947  
Conc: 49.32 ng/ml



#5 Aldrin

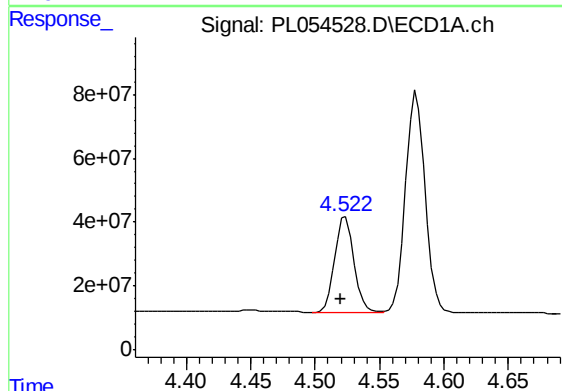
R.T.: 4.830 min  
Delta R.T.: 0.004 min  
Response: 704524129  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



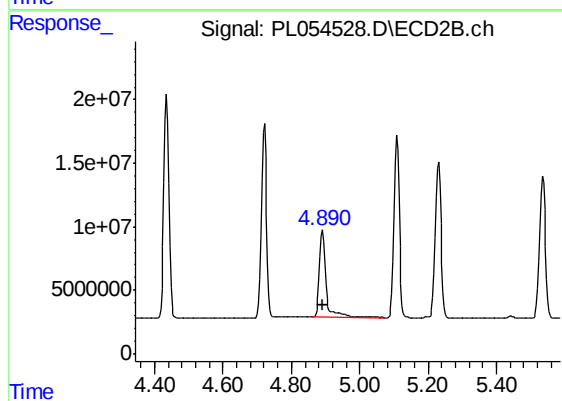
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: 0.000 min  
Response: 134215611  
Conc: 50.85 ng/ml



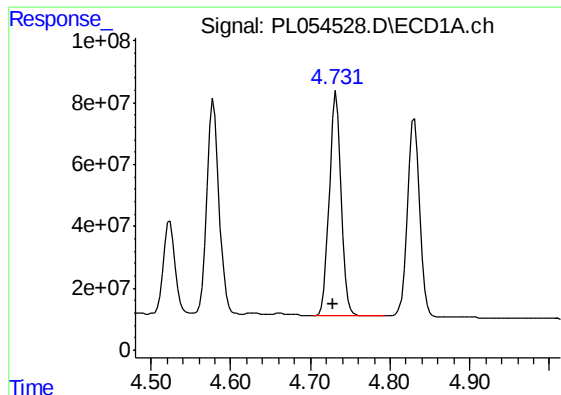
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.004 min  
Response: 315955597  
Conc: 49.15 ng/ml



#6 beta-BHC

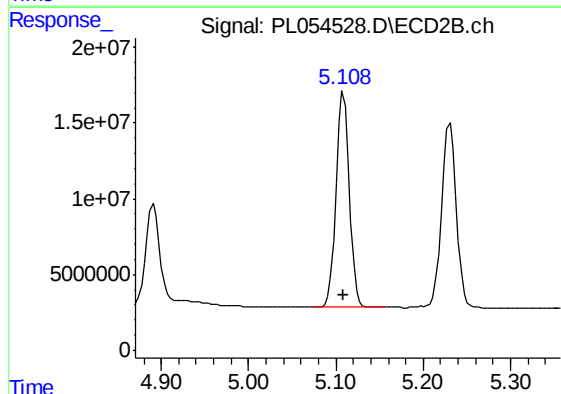
R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 88027217  
Conc: 58.75 ng/ml



#7 delta-BHC

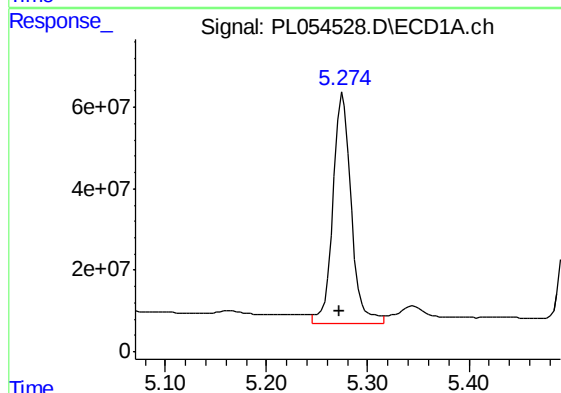
R.T.: 4.732 min  
Delta R.T.: 0.004 min  
Response: 741418857  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



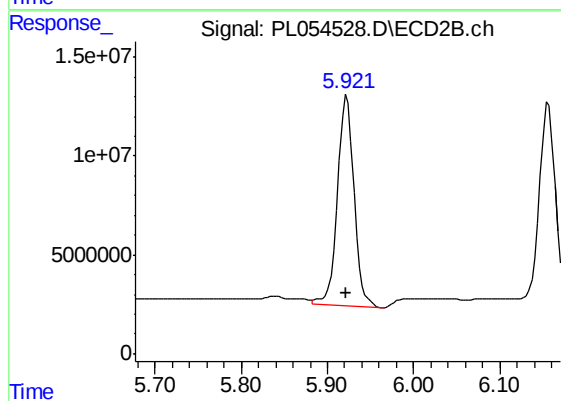
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 149449789  
Conc: 59.33 ng/ml



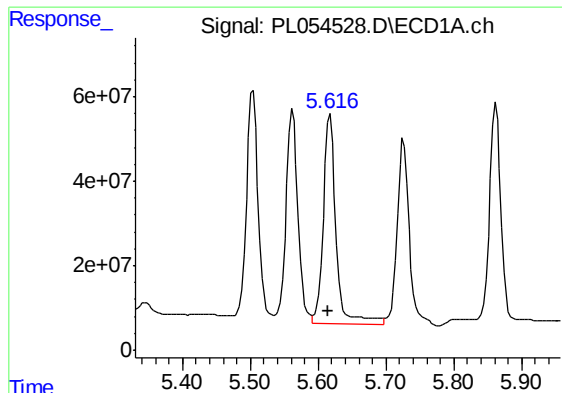
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: 0.003 min  
Response: 713933668  
Conc: 55.28 ng/ml



#8 Heptachlor epoxide

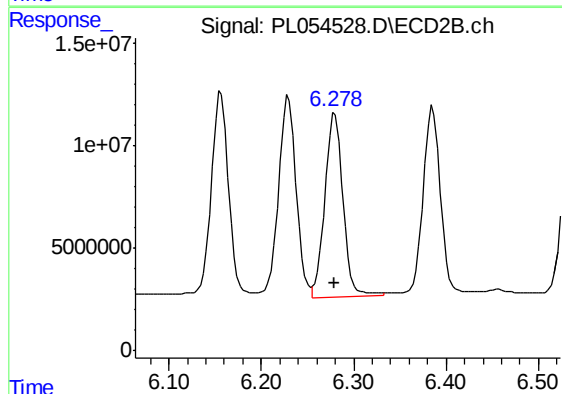
R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 142338822  
Conc: 59.89 ng/ml



#9 Endosulfan I

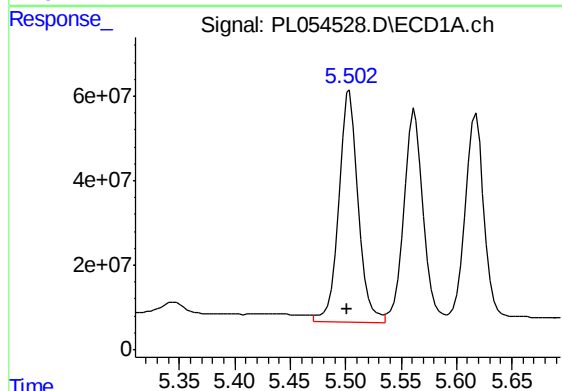
R.T.: 5.618 min  
Delta R.T.: 0.003 min  
Response: 647120657  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



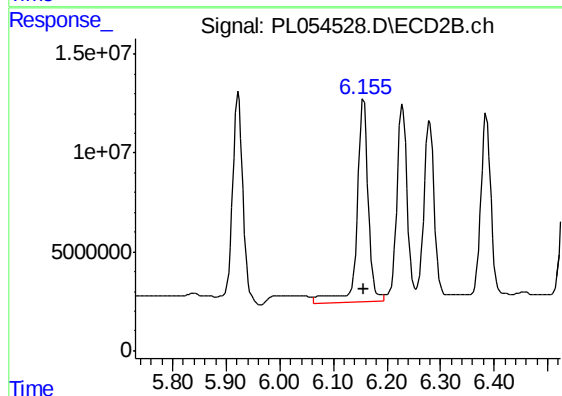
#9 Endosulfan I

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 123630965  
Conc: 52.73 ng/ml



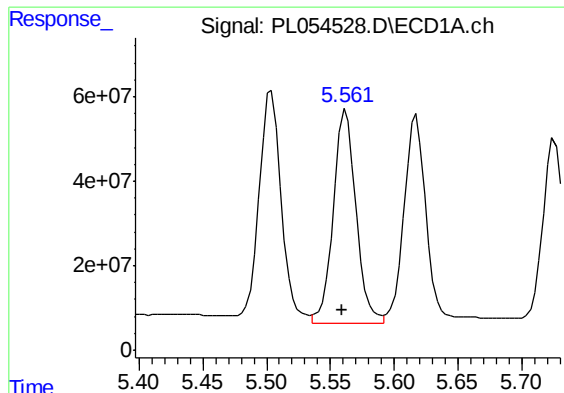
#10 gamma-Chlordane

R.T.: 5.504 min  
Delta R.T.: 0.002 min  
Response: 680688423  
Conc: 53.01 ng/ml



#10 gamma-Chlordane

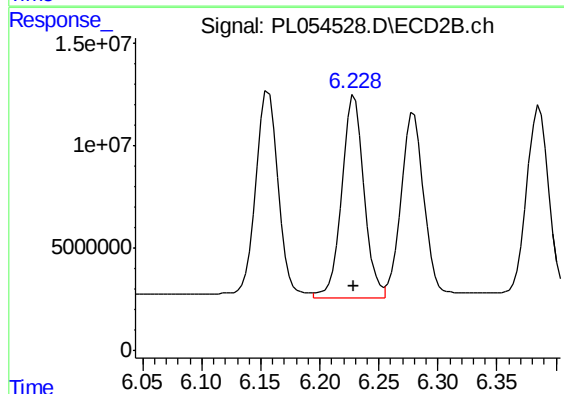
R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 148702985  
Conc: 59.76 ng/ml



#11 alpha-Chlordane

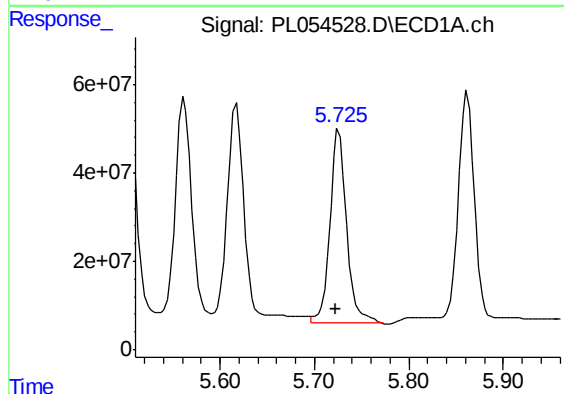
R.T.: 5.562 min  
Delta R.T.: 0.003 min  
Response: 624854041  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



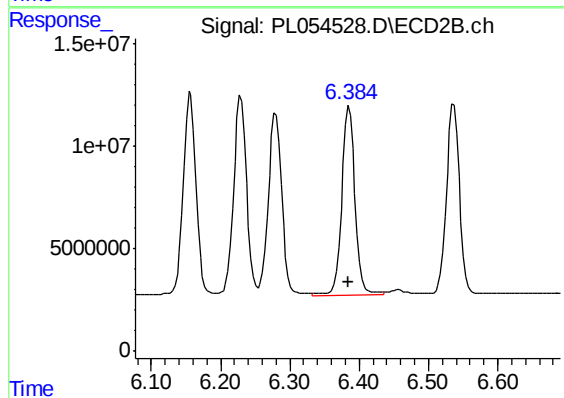
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 132093063  
Conc: 53.07 ng/ml



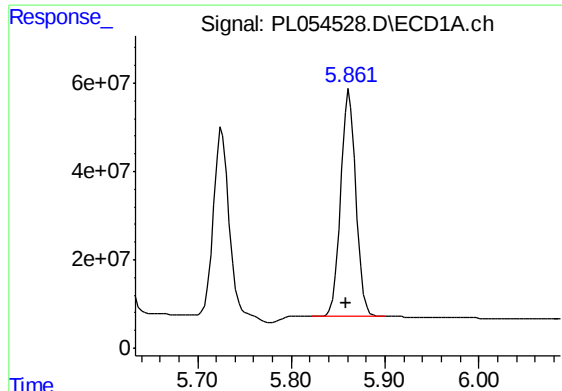
#12 4,4'-DDE

R.T.: 5.726 min  
Delta R.T.: 0.004 min  
Response: 538811950  
Conc: 46.58 ng/ml



#12 4,4'-DDE

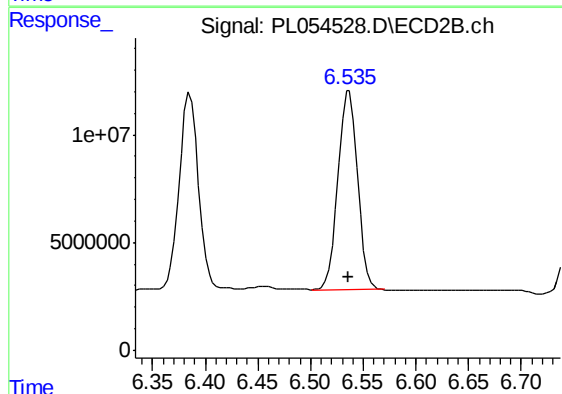
R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 123616302  
Conc: 51.75 ng/ml



#13 Dieldrin

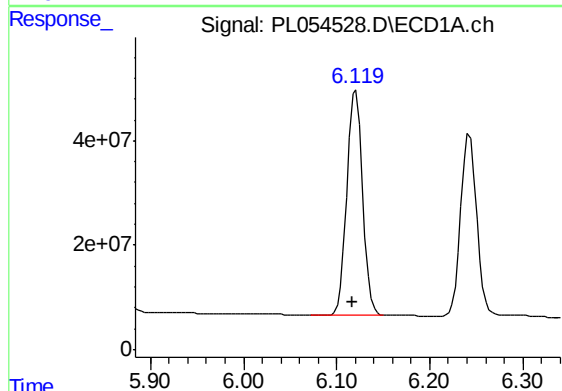
R.T.: 5.862 min  
Delta R.T.: 0.003 min  
Response: 579290418  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



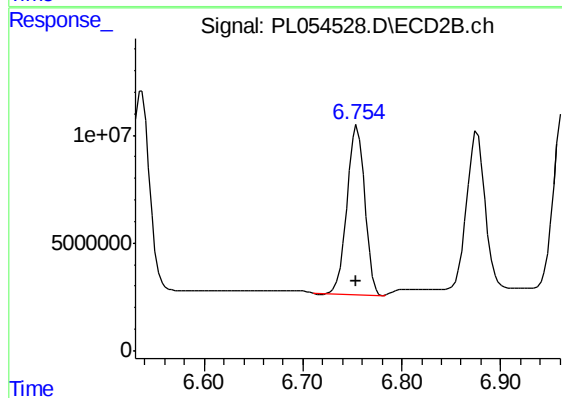
#13 Dieldrin

R.T.: 6.537 min  
Delta R.T.: 0.000 min  
Response: 119243772  
Conc: 49.24 ng/ml



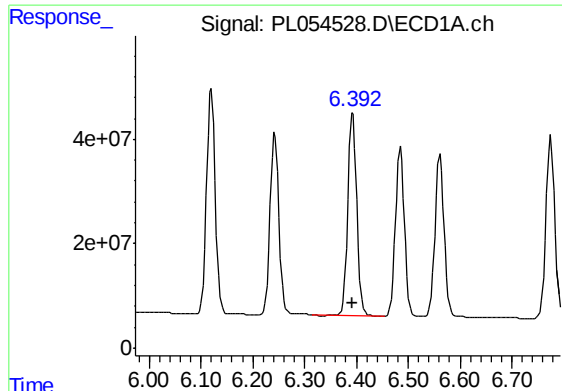
#14 Endrin

R.T.: 6.121 min  
Delta R.T.: 0.003 min  
Response: 503559678  
Conc: 45.59 ng/ml



#14 Endrin

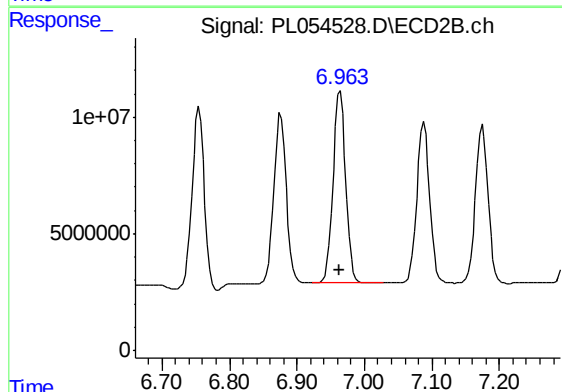
R.T.: 6.755 min  
Delta R.T.: 0.000 min  
Response: 97304566  
Conc: 45.91 ng/ml



#15 Endosulfan II

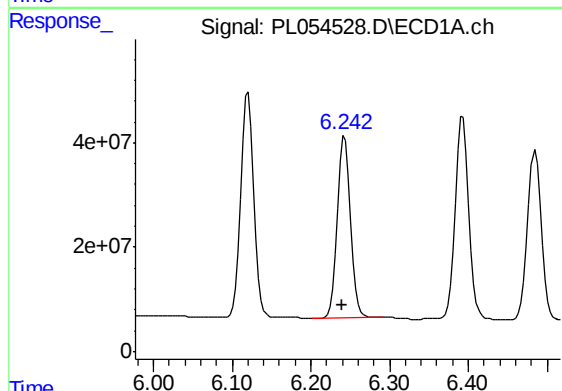
R.T.: 6.393 min  
Delta R.T.: 0.002 min  
Response: 468441188  
Conc: 44.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



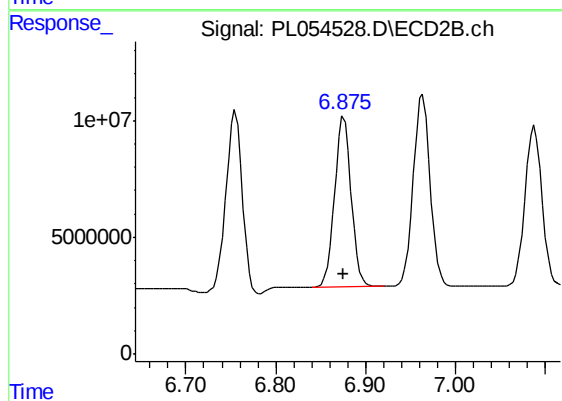
#15 Endosulfan II

R.T.: 6.964 min  
Delta R.T.: 0.000 min  
Response: 107495790  
Conc: 49.45 ng/ml



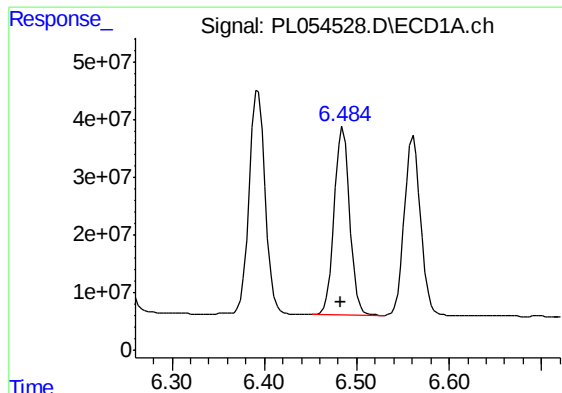
#16 4,4'-DDD

R.T.: 6.243 min  
Delta R.T.: 0.002 min  
Response: 416236009  
Conc: 50.46 ng/ml



#16 4,4'-DDD

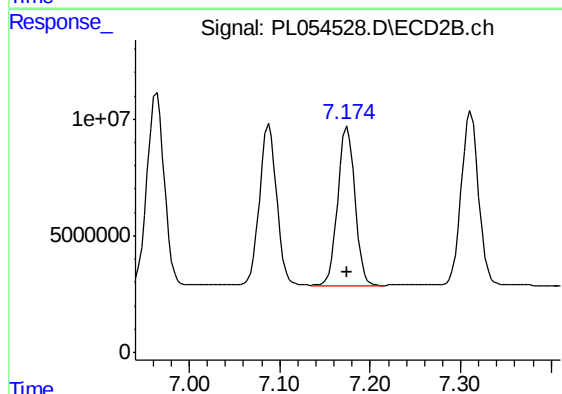
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 93699517  
Conc: 52.95 ng/ml



#17 4,4'-DDT

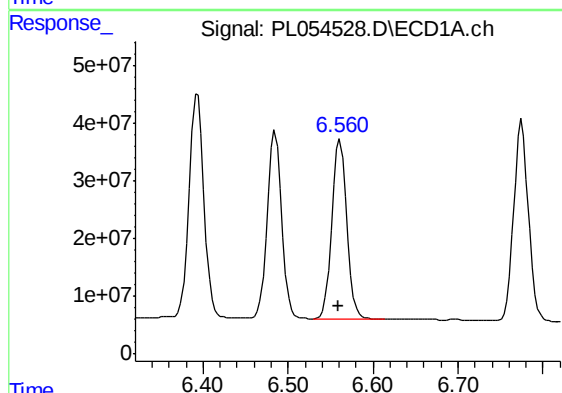
R.T.: 6.485 min  
Delta R.T.: 0.003 min  
Response: 381518404  
Conc: 42.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



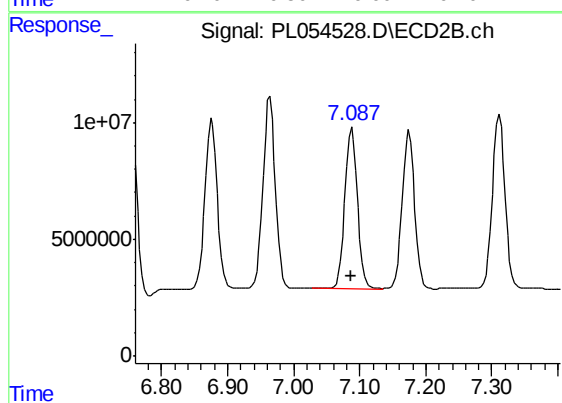
#17 4,4'-DDT

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 88890692  
Conc: 45.32 ng/ml



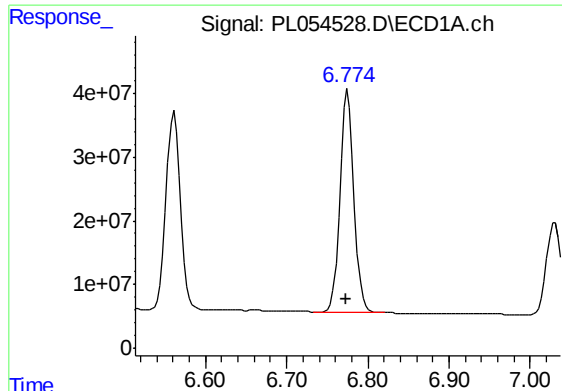
#18 Endrin aldehyde

R.T.: 6.561 min  
Delta R.T.: 0.002 min  
Response: 381251554  
Conc: 44.52 ng/ml



#18 Endrin aldehyde

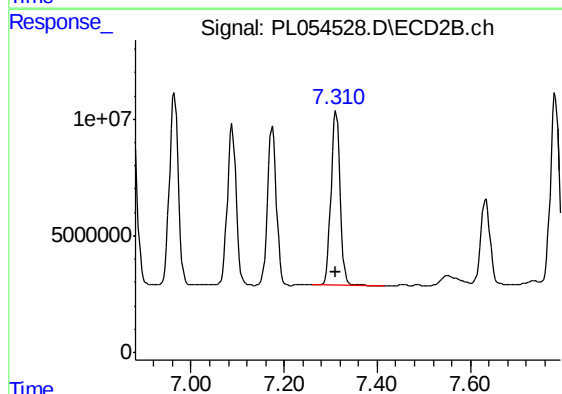
R.T.: 7.088 min  
Delta R.T.: 0.001 min  
Response: 91550557  
Conc: 48.40 ng/ml



#19 Endosulfan Sulfate

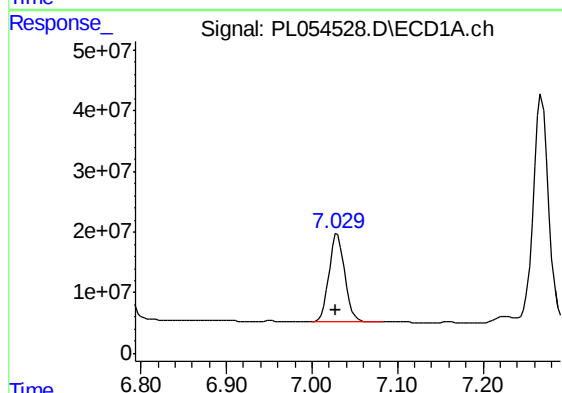
R.T.: 6.775 min  
Delta R.T.: 0.002 min  
Response: 419521377  
Conc: 44.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



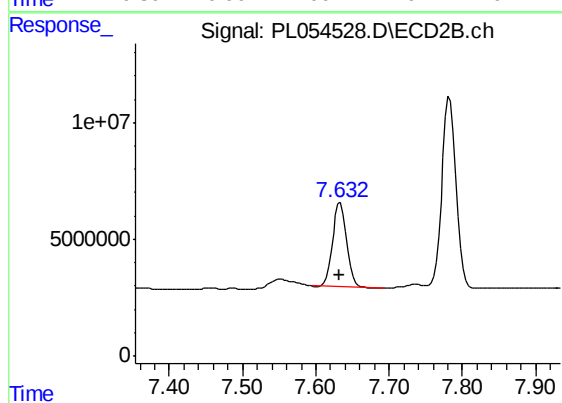
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.001 min  
Response: 99334501  
Conc: 48.09 ng/ml



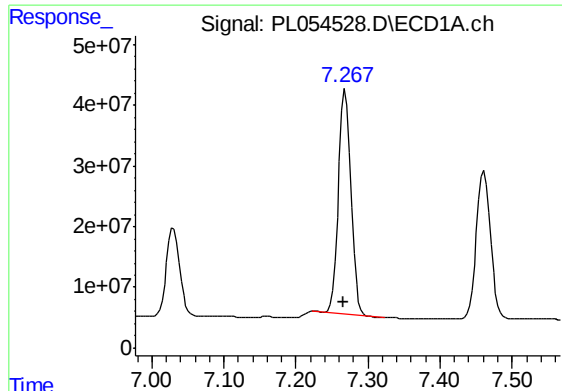
#20 Methoxychlor

R.T.: 7.030 min  
Delta R.T.: 0.002 min  
Response: 186870732  
Conc: 40.83 ng/ml



#20 Methoxychlor

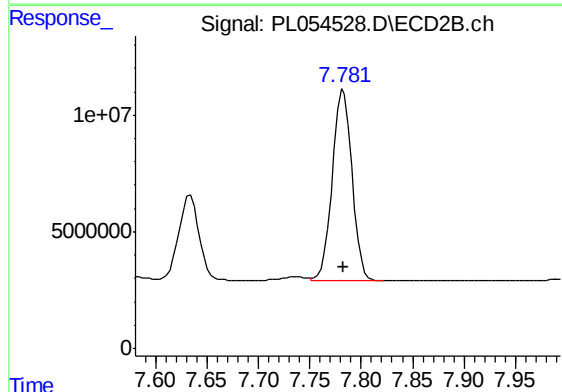
R.T.: 7.634 min  
Delta R.T.: 0.001 min  
Response: 47938909  
Conc: 42.96 ng/ml



#21 Endrin ketone

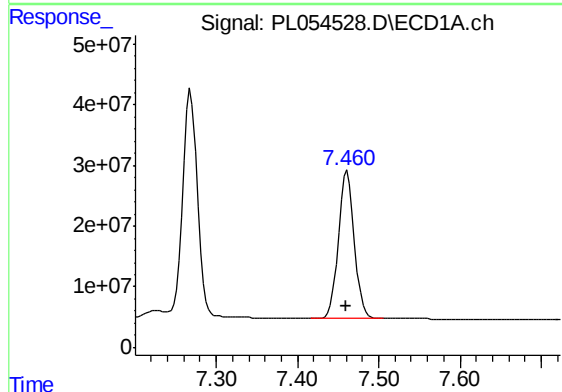
R.T.: 7.269 min  
Delta R.T.: 0.002 min  
Response: 443541759  
Conc: 44.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



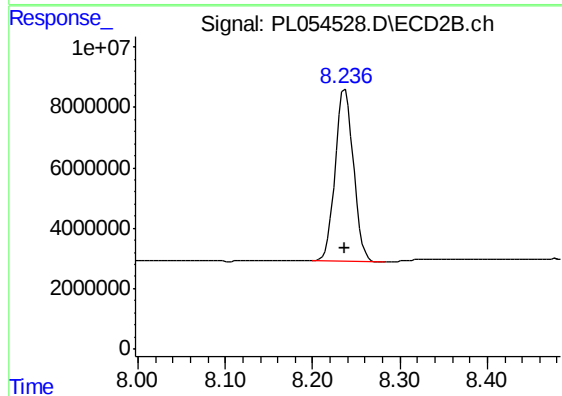
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.000 min  
Response: 109525444  
Conc: 48.36 ng/ml



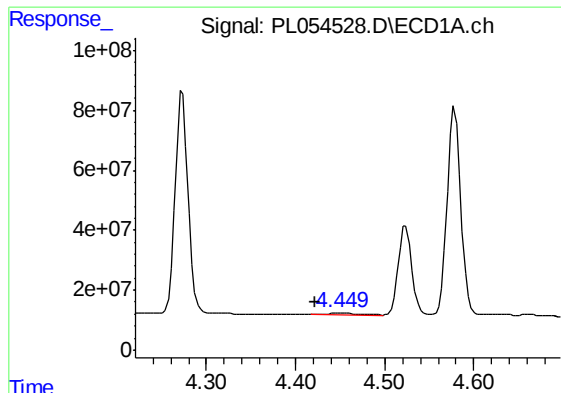
#22 Mirex

R.T.: 7.461 min  
Delta R.T.: 0.001 min  
Response: 332943475  
Conc: 43.71 ng/ml



#22 Mirex

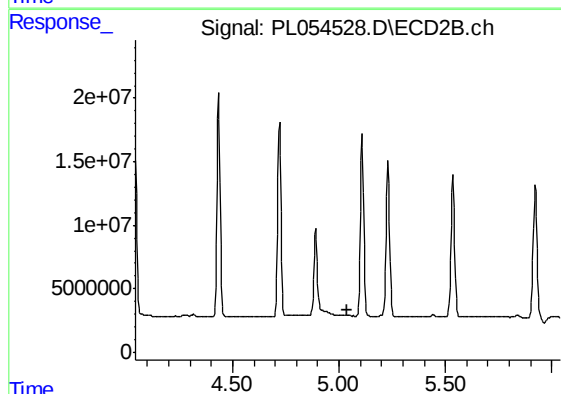
R.T.: 8.237 min  
Delta R.T.: 0.000 min  
Response: 82619269  
Conc: 48.77 ng/ml



#23 Chlordane-1

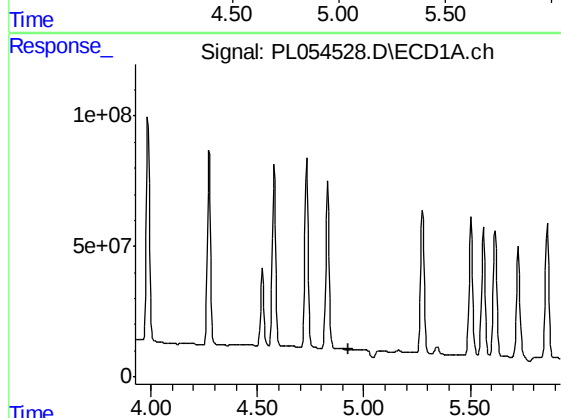
R.T.: 4.451 min  
Delta R.T.: 0.029 min  
Response: 13998524  
Conc: 36.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



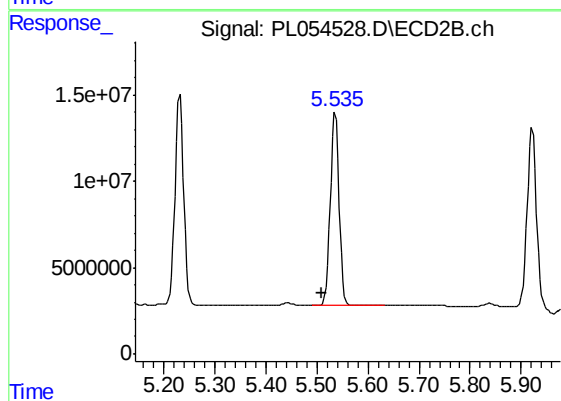
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.041 min  
Response: 0  
Conc: N.D.



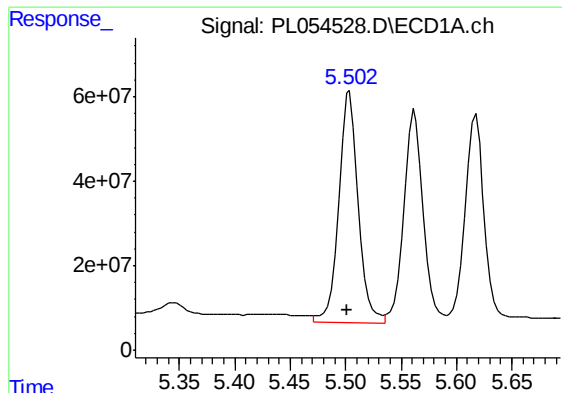
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.927 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

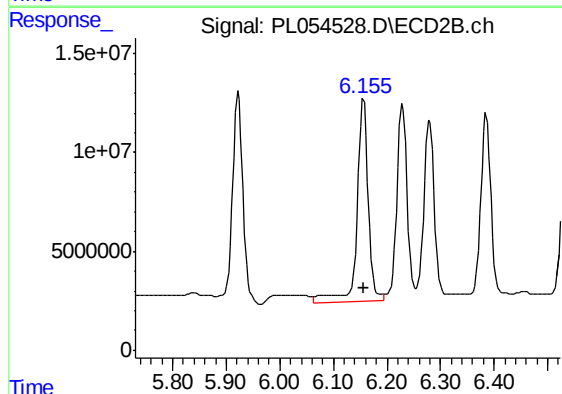
R.T.: 5.536 min  
Delta R.T.: 0.026 min  
Response: 134215611  
Conc: 1415.75 ng/ml



#25 Chlordane-3

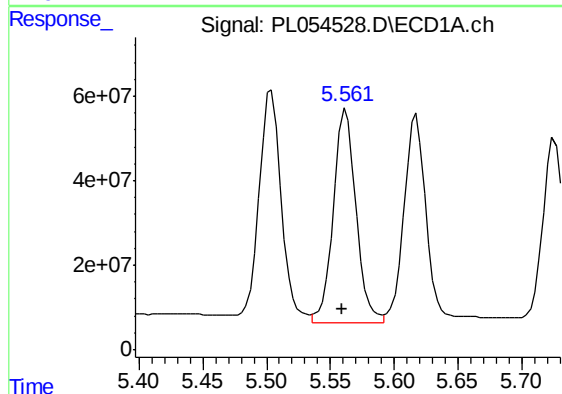
R.T.: 5.504 min  
Delta R.T.: 0.002 min  
Response: 680688423  
Conc: 552.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



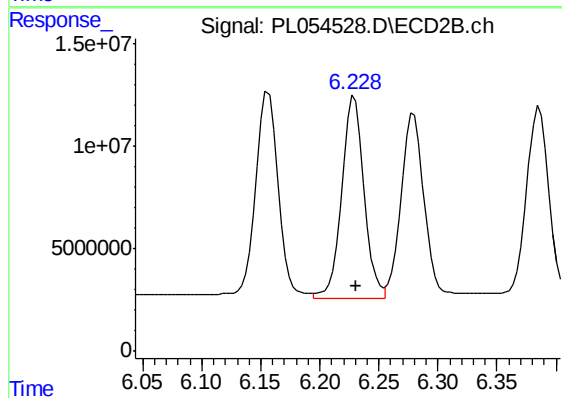
#25 Chlordane-3

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 148702985  
Conc: 446.33 ng/ml



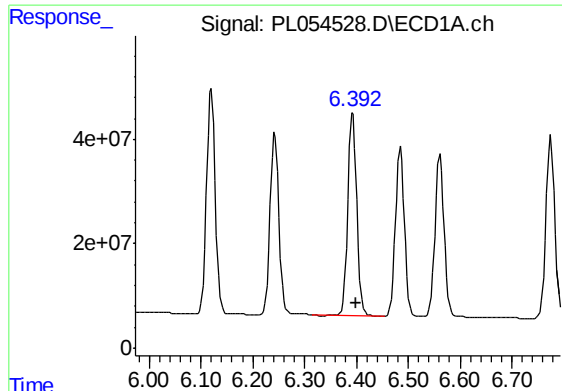
#26 Chlordane-4

R.T.: 5.562 min  
Delta R.T.: 0.003 min  
Response: 624854041  
Conc: 616.36 ng/ml



#26 Chlordane-4

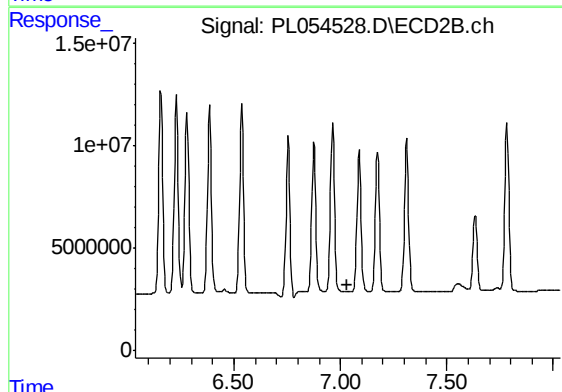
R.T.: 6.229 min  
Delta R.T.: -0.001 min  
Response: 132093063  
Conc: 326.06 ng/ml



#27 Chlordane-5

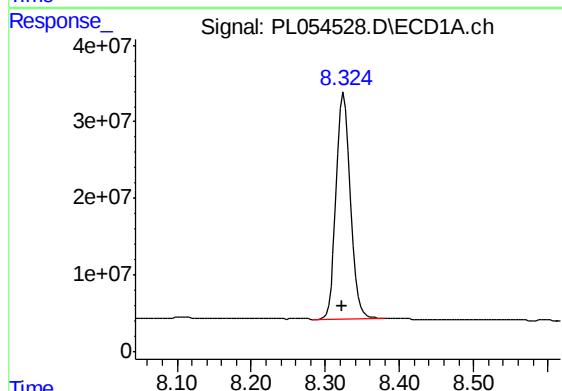
R.T.: 6.393 min  
Delta R.T.: -0.007 min  
Response: 468441188  
Conc: 1270.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



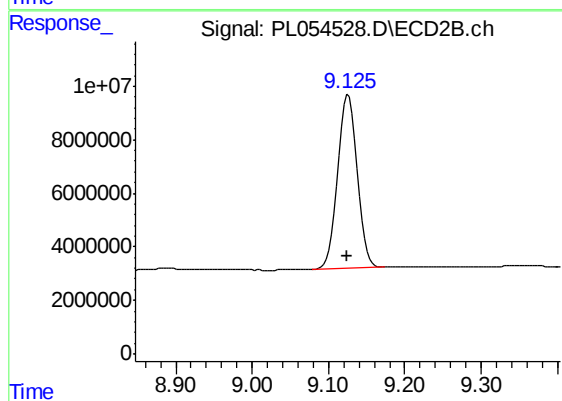
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.035 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.325 min  
Delta R.T.: 0.002 min  
Response: 389104851  
Conc: 43.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.001 min  
Response: 115066492  
Conc: 47.59 ng/ml