

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081721\  
 Data File : PL069133.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2021 17:25  
 Operator : AR\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: Aug 18 07:25:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 2021  
 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... | 4.634  | 5.567  | 19819422 | 57981147 | 47.915   | 57.105     |
| 28)                         | SA Decachlor... | 10.403 | 11.488 | 26319408 | 48611104 | 45.797   | 50.102     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.341  | 6.147  | 27314898 | 79657904 | 49.381   | 58.494     |
| 3)                          | MA gamma-BHC... | 5.764  | 6.543  | 26851631 | 75057318 | 49.475   | 57.688     |
| 4)                          | MA Heptachlor   | 6.174  | 7.193  | 27400767 | 71668949 | 46.652   | 53.386     |
| 5)                          | MB Aldrin       | 6.499  | 7.564  | 26092265 | 67108596 | 48.793   | 55.603     |
| 6)                          | B beta-BHC      | 6.143  | 6.795  | 13484520 | 36146336 | 47.834   | 55.795     |
| 7)                          | B delta-BHC     | 6.404  | 7.063  | 26481809 | 71022637 | 49.355   | 56.375     |
| 8)                          | B Heptachlor... | 7.075  | 8.029  | 25637497 | 61790357 | 48.103   | 53.449     |
| 9)                          | A Endosulfan I  | 7.479  | 8.435  | 24395416 | 55765041 | 48.052   | 52.879     |
| 10)                         | B gamma-Chl...  | 7.353  | 8.299  | 26399910 | 61500431 | 48.172   | 53.700     |
| 11)                         | B alpha-Chl...  | 7.423  | 8.380  | 26448967 | 60524170 | 48.057   | 52.701     |
| 12)                         | B 4,4'-DDE      | 7.636  | 8.567  | 23374071 | 56516507 | 48.391   | 53.470     |
| 13)                         | MA Dieldrin     | 7.765  | 8.724  | 25036538 | 56665699 | 48.398   | 52.292     |
| 14)                         | MA Endrin       | 8.055  | 8.963  | 23411981 | 47246203 | 48.580   | 52.051     |
| 15)                         | B Endosulfa...  | 8.366  | 9.197  | 22495054 | 46023533 | 46.894   | 50.179     |
| 16)                         | A 4,4'-DDD      | 8.221  | 9.106  | 21150431 | 45117609 | 49.279   | 52.801     |
| 17)                         | MA 4,4'-DDT     | 8.483  | 9.423  | 21998405 | 46275842 | 45.295   | 48.898     |
| 18)                         | B Endrin al...  | 8.554  | 9.332  | 18575153 | 37296583 | 49.535   | 53.223     |
| 19)                         | B Endosulfa...  | 8.785  | 9.569  | 24263403 | 45245297 | 47.163   | 49.638     |
| 20)                         | A Methoxychlor  | 9.077  | 9.908  | 13922195 | 24061043 | 44.474   | 46.236     |
| 21)                         | B Endrin ke...  | 9.304  | 10.067 | 28177243 | 49568638 | 48.163   | 48.679     |
| 22)                         | Mirex           | 9.492  | 10.534 | 23994548 | 37381654 | 47.888   | 47.264     |
| 23)                         | Chlordane-1     | 0.000  | 6.971  | 0        | 809924   | N.D.     | 19.207 #   |
| 24)                         | Chlordane-2     | 0.000  | 7.564f | 0        | 67108596 | N.D.     | 1548.829 # |
| 25)                         | Chlordane-3     | 7.353  | 8.299  | 26399910 | 61500431 | 503.308  | 376.482 #  |
| 26)                         | Chlordane-4     | 7.423  | 8.380  | 26448967 | 60524170 | 475.202  | 305.180 #  |
| 27)                         | Chlordane-5     | 8.366  | 0.000  | 22495054 | 0        | 1090.864 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

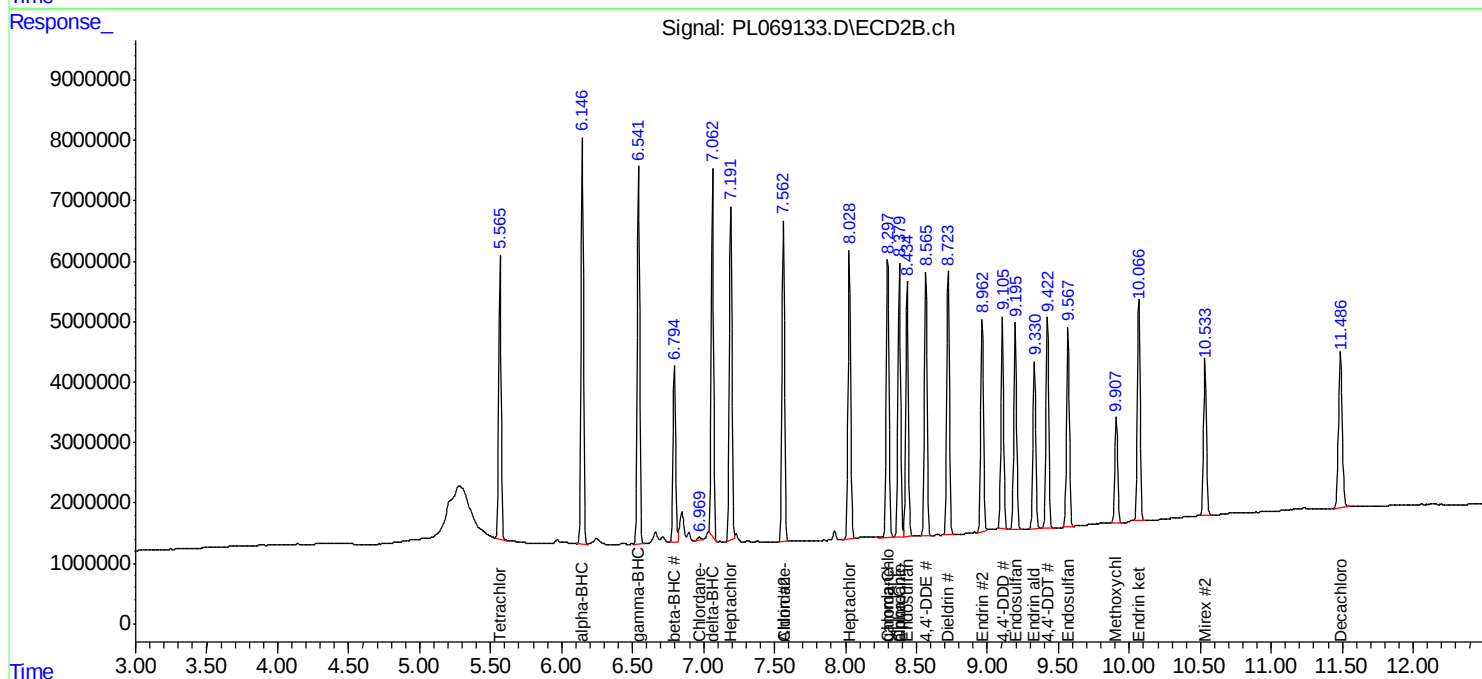
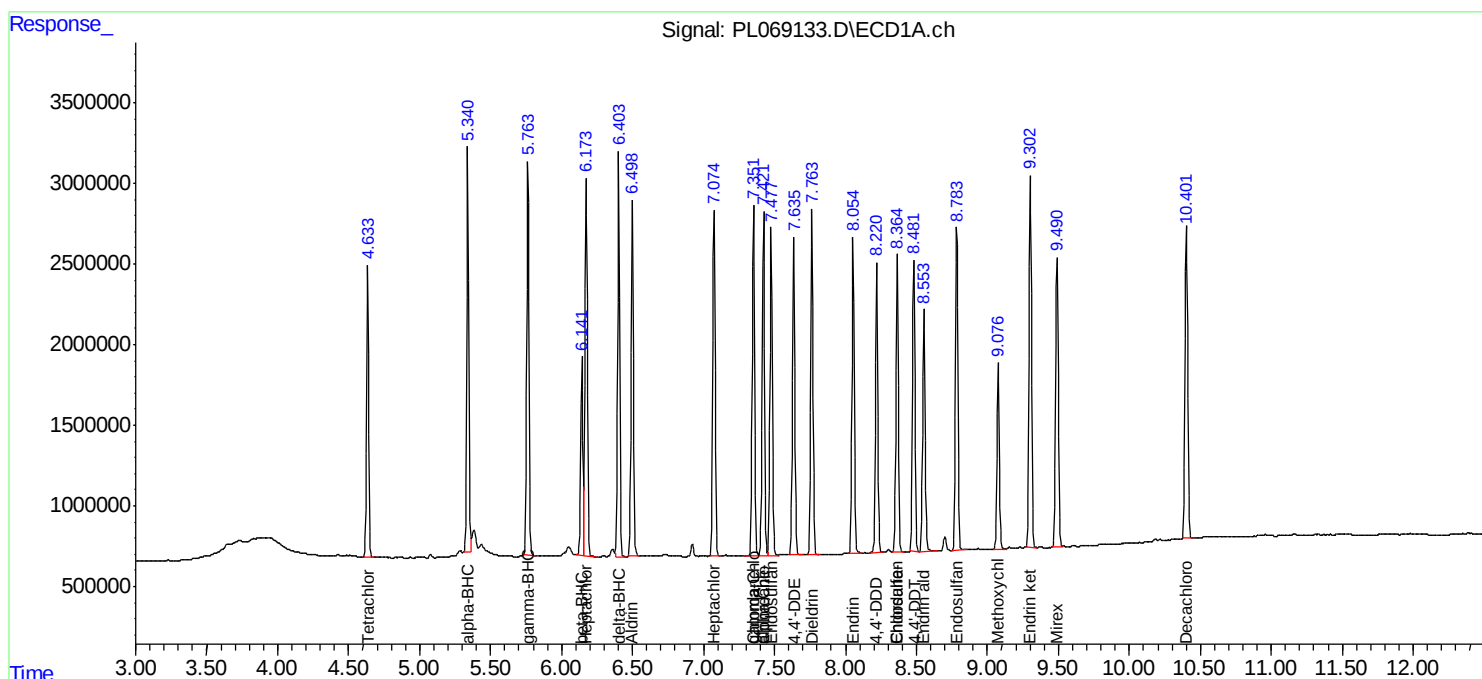
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

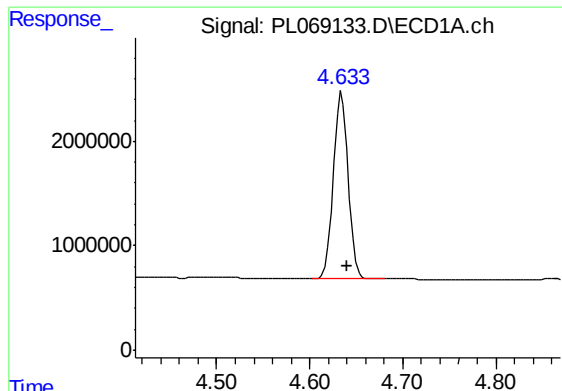
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081721\  
Data File : PL069133.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2021 17:25  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 07:25:28 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 2021  
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

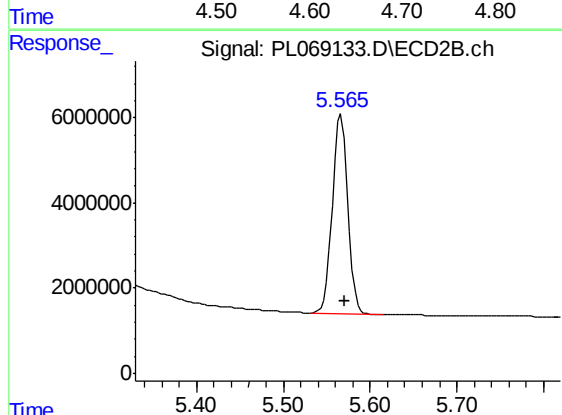




#1 Tetrachloro-m-xylene

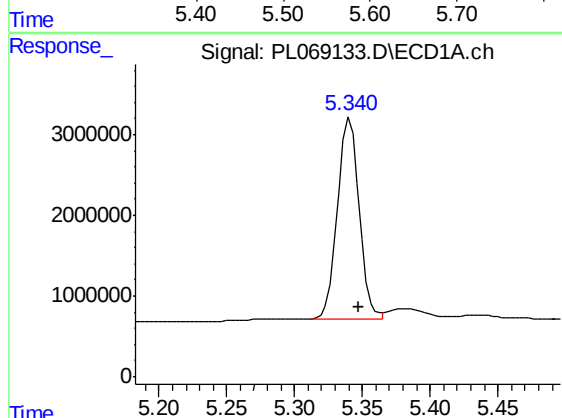
R.T.: 4.634 min  
Delta R.T.: -0.006 min  
Response: 19819422  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



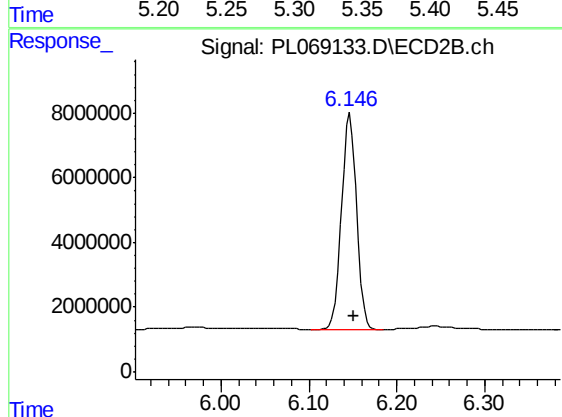
#1 Tetrachloro-m-xylene

R.T.: 5.567 min  
Delta R.T.: -0.004 min  
Response: 57981147  
Conc: 57.11 ng/ml



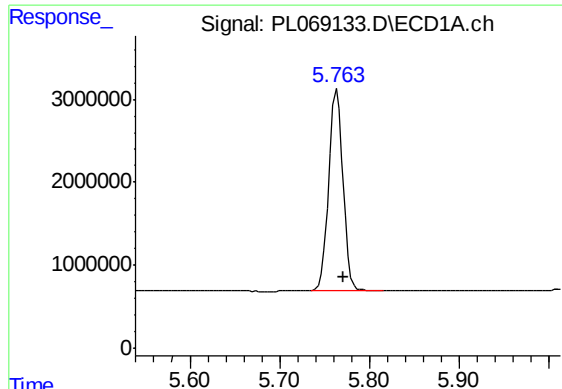
#2 alpha-BHC

R.T.: 5.341 min  
Delta R.T.: -0.006 min  
Response: 27314898  
Conc: 49.38 ng/ml



#2 alpha-BHC

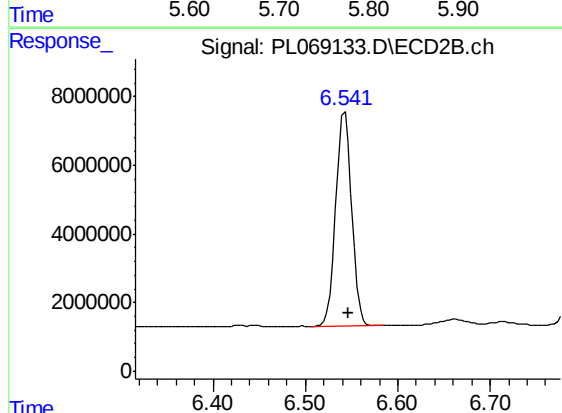
R.T.: 6.147 min  
Delta R.T.: -0.004 min  
Response: 79657904  
Conc: 58.49 ng/ml



#3 gamma-BHC (Lindane)

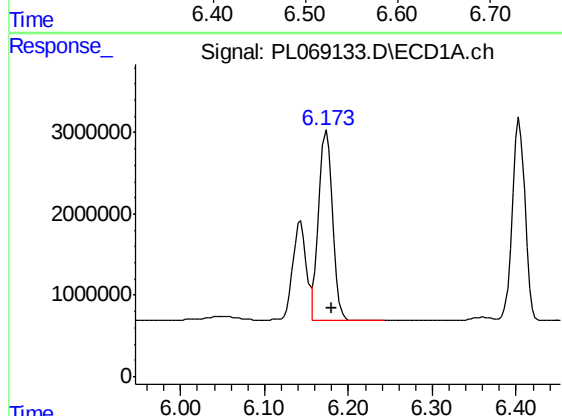
R.T.: 5.764 min  
Delta R.T.: -0.007 min  
Response: 26851631  
Conc: 49.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



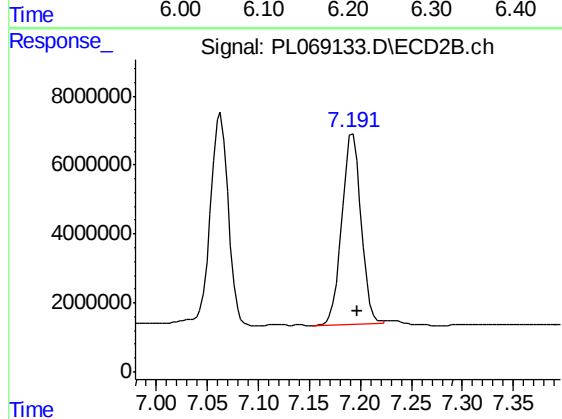
#3 gamma-BHC (Lindane)

R.T.: 6.543 min  
Delta R.T.: -0.004 min  
Response: 75057318  
Conc: 57.69 ng/ml



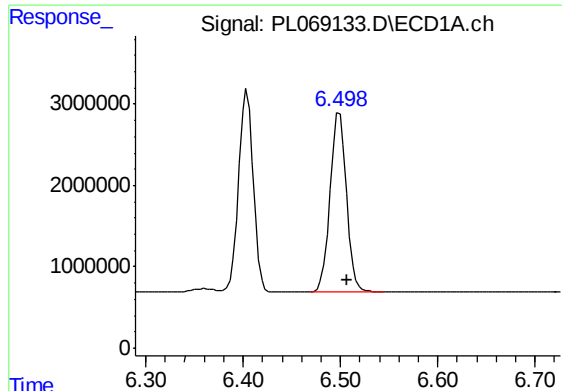
#4 Heptachlor

R.T.: 6.174 min  
Delta R.T.: -0.006 min  
Response: 27400767  
Conc: 46.65 ng/ml



#4 Heptachlor

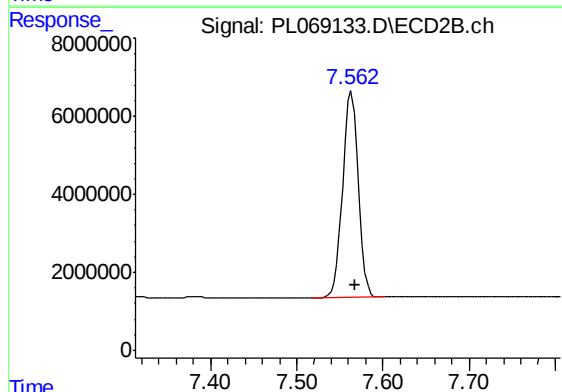
R.T.: 7.193 min  
Delta R.T.: -0.005 min  
Response: 71668949  
Conc: 53.39 ng/ml



#5 Aldrin

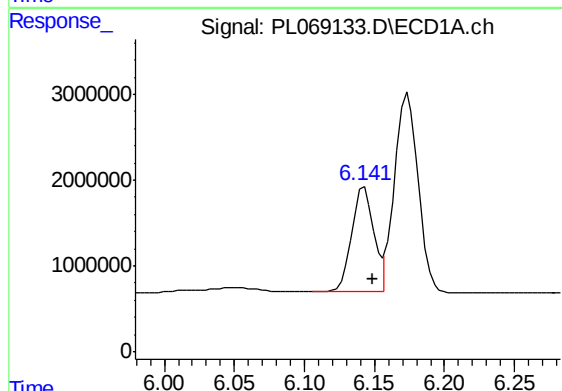
R.T.: 6.499 min  
Delta R.T.: -0.008 min  
Response: 26092265  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



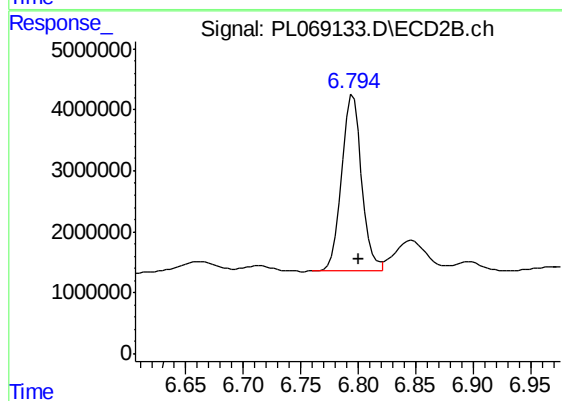
#5 Aldrin

R.T.: 7.564 min  
Delta R.T.: -0.004 min  
Response: 67108596  
Conc: 55.60 ng/ml



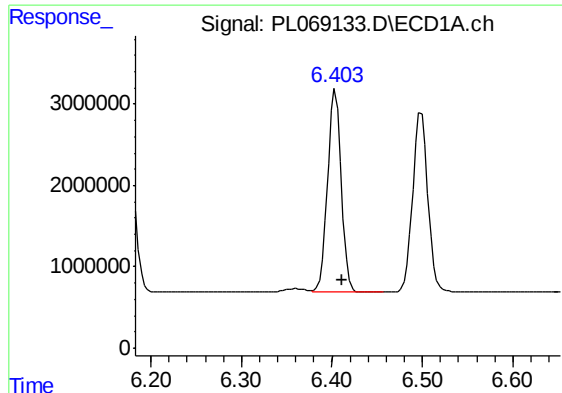
#6 beta-BHC

R.T.: 6.143 min  
Delta R.T.: -0.006 min  
Response: 13484520  
Conc: 47.83 ng/ml



#6 beta-BHC

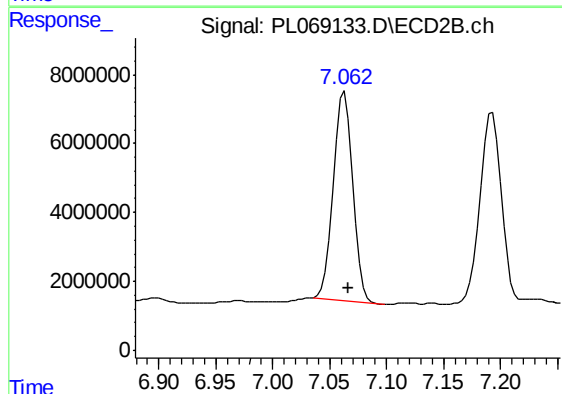
R.T.: 6.795 min  
Delta R.T.: -0.005 min  
Response: 36146336  
Conc: 55.79 ng/ml



#7 delta-BHC

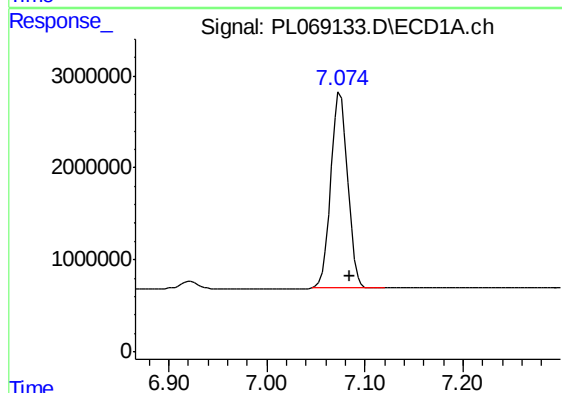
R.T.: 6.404 min  
Delta R.T.: -0.007 min  
Response: 26481809  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



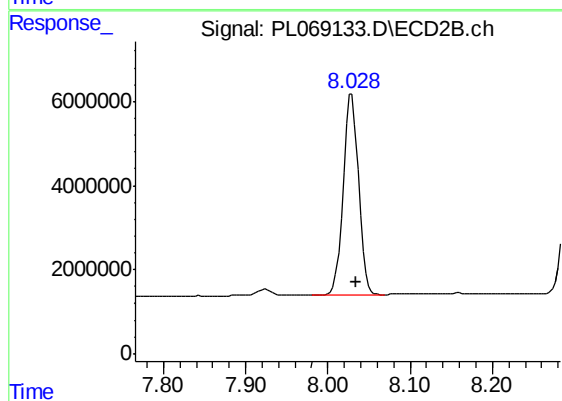
#7 delta-BHC

R.T.: 7.063 min  
Delta R.T.: -0.003 min  
Response: 71022637  
Conc: 56.37 ng/ml



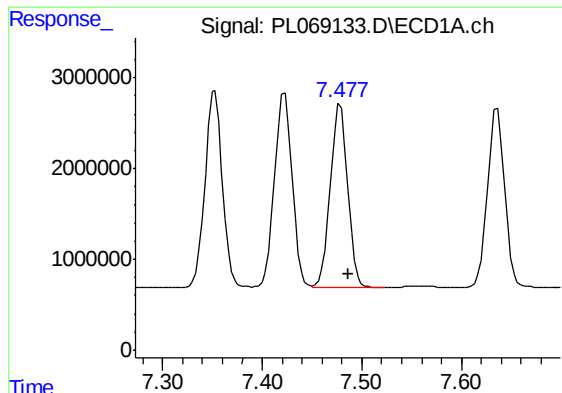
#8 Heptachlor epoxide

R.T.: 7.075 min  
Delta R.T.: -0.009 min  
Response: 25637497  
Conc: 48.10 ng/ml



#8 Heptachlor epoxide

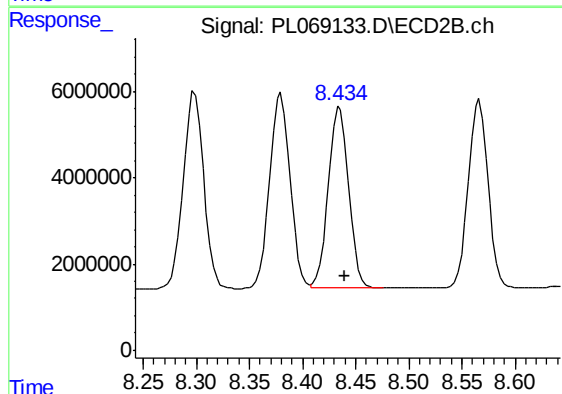
R.T.: 8.029 min  
Delta R.T.: -0.005 min  
Response: 61790357  
Conc: 53.45 ng/ml



#9 Endosulfan I

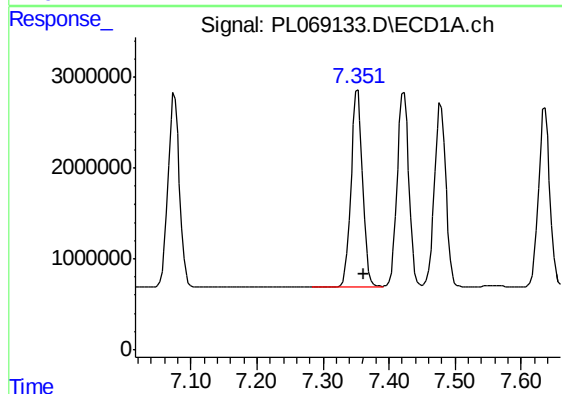
R.T.: 7.479 min  
Delta R.T.: -0.009 min  
Response: 24395416  
Conc: 48.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



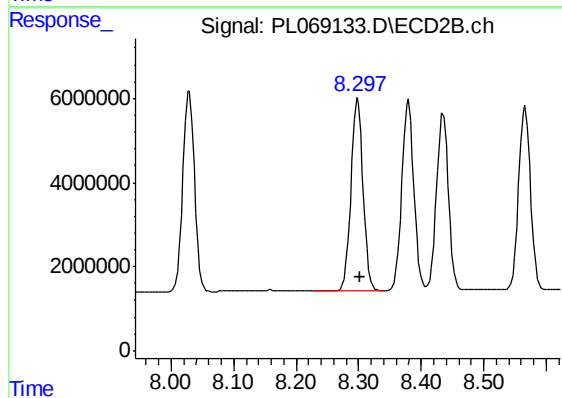
#9 Endosulfan I

R.T.: 8.435 min  
Delta R.T.: -0.004 min  
Response: 55765041  
Conc: 52.88 ng/ml



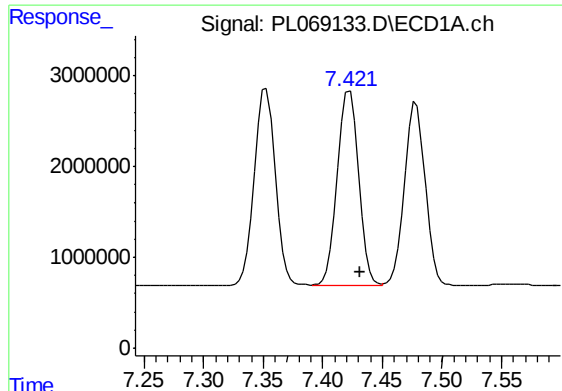
#10 gamma-Chlordane

R.T.: 7.353 min  
Delta R.T.: -0.009 min  
Response: 26399910  
Conc: 48.17 ng/ml



#10 gamma-Chlordane

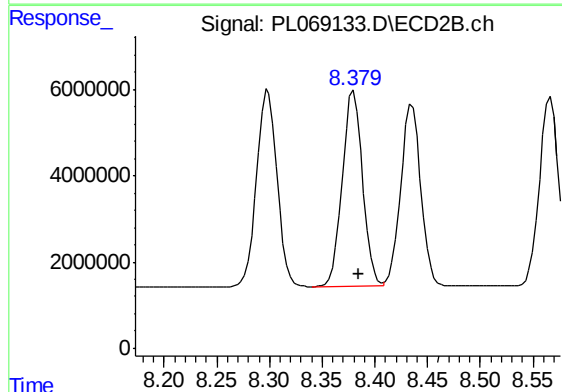
R.T.: 8.299 min  
Delta R.T.: -0.004 min  
Response: 61500431  
Conc: 53.70 ng/ml



#11 alpha-Chlordane

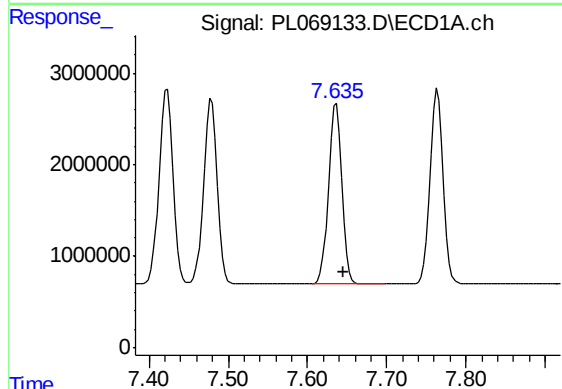
R.T.: 7.423 min  
Delta R.T.: -0.009 min  
Response: 26448967  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



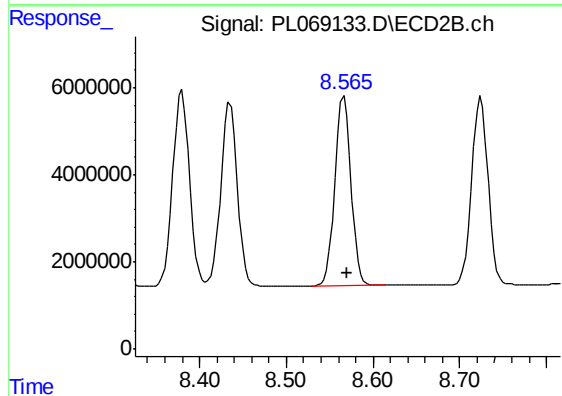
#11 alpha-Chlordane

R.T.: 8.380 min  
Delta R.T.: -0.004 min  
Response: 60524170  
Conc: 52.70 ng/ml



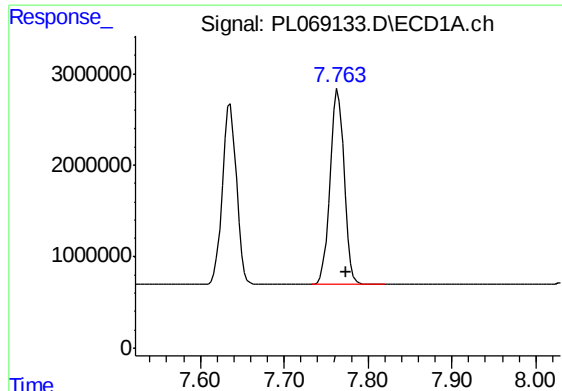
#12 4,4'-DDE

R.T.: 7.636 min  
Delta R.T.: -0.009 min  
Response: 23374071  
Conc: 48.39 ng/ml



#12 4,4'-DDE

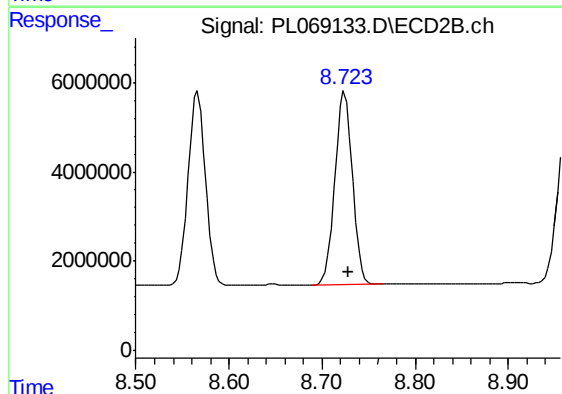
R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 56516507  
Conc: 53.47 ng/ml



#13 Dieldrin

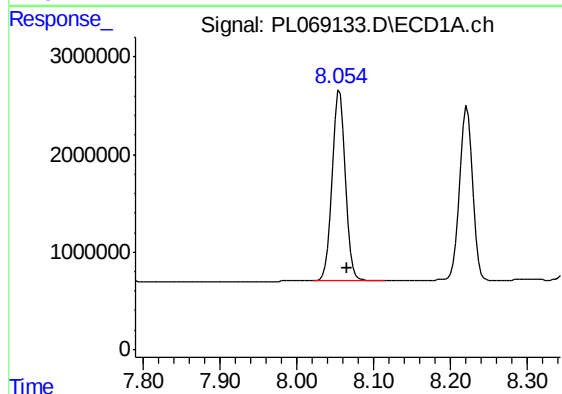
R.T.: 7.765 min  
Delta R.T.: -0.009 min  
Response: 25036538  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



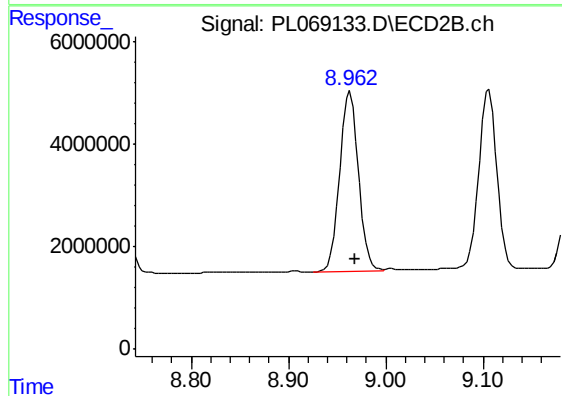
#13 Dieldrin

R.T.: 8.724 min  
Delta R.T.: -0.004 min  
Response: 56665699  
Conc: 52.29 ng/ml



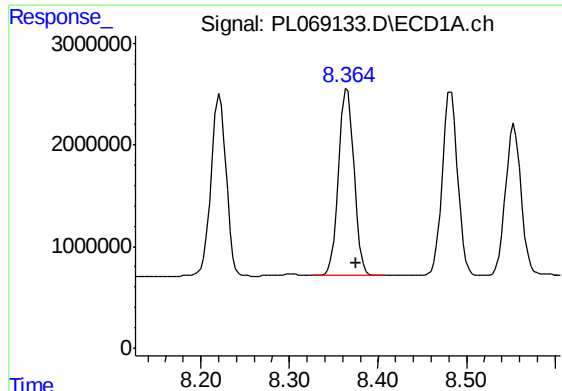
#14 Endrin

R.T.: 8.055 min  
Delta R.T.: -0.009 min  
Response: 23411981  
Conc: 48.58 ng/ml



#14 Endrin

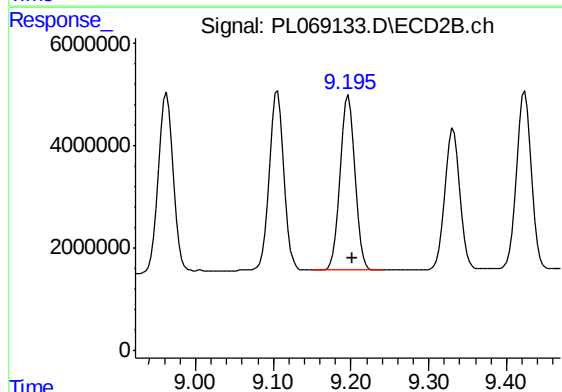
R.T.: 8.963 min  
Delta R.T.: -0.004 min  
Response: 47246203  
Conc: 52.05 ng/ml



#15 Endosulfan II

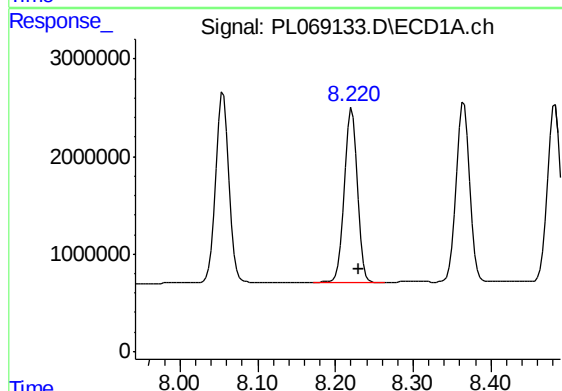
R.T.: 8.366 min  
Delta R.T.: -0.009 min  
Response: 22495054  
Conc: 46.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



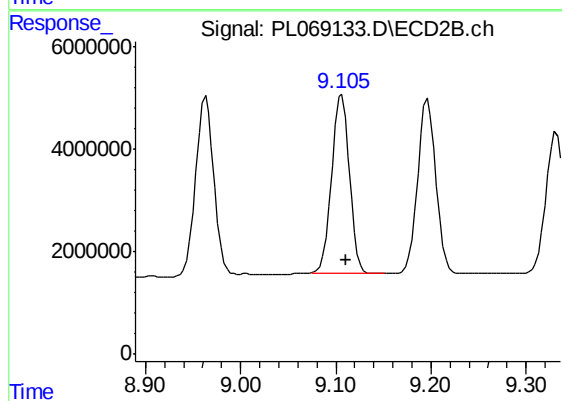
#15 Endosulfan II

R.T.: 9.197 min  
Delta R.T.: -0.005 min  
Response: 46023533  
Conc: 50.18 ng/ml



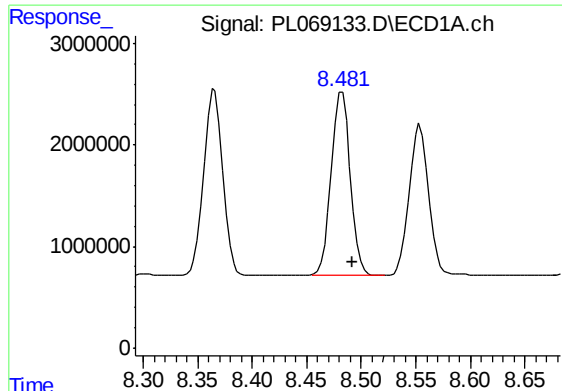
#16 4,4'-DDD

R.T.: 8.221 min  
Delta R.T.: -0.009 min  
Response: 21150431  
Conc: 49.28 ng/ml



#16 4,4'-DDD

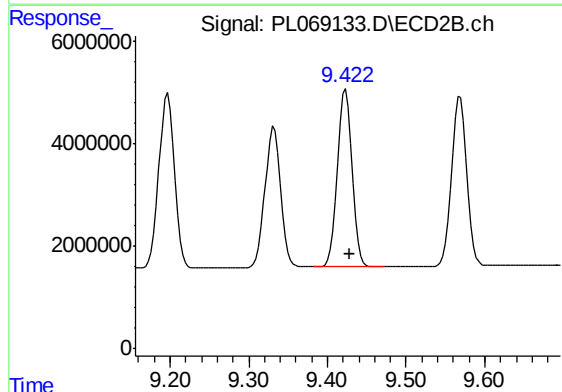
R.T.: 9.106 min  
Delta R.T.: -0.004 min  
Response: 45117609  
Conc: 52.80 ng/ml



#17 4,4'-DDT

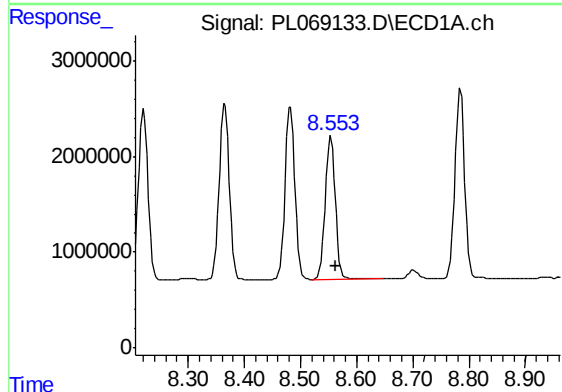
R.T.: 8.483 min  
Delta R.T.: -0.010 min  
Response: 21998405  
Conc: 45.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



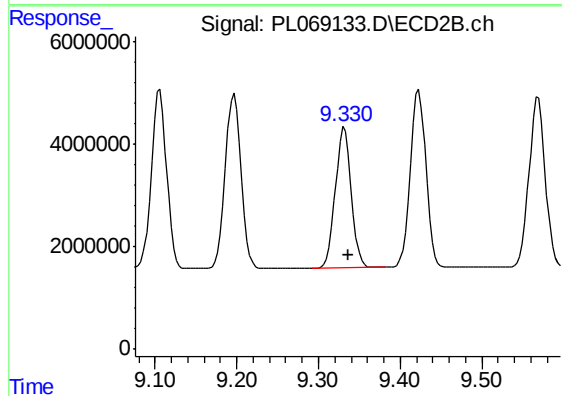
#17 4,4'-DDT

R.T.: 9.423 min  
Delta R.T.: -0.005 min  
Response: 46275842  
Conc: 48.90 ng/ml



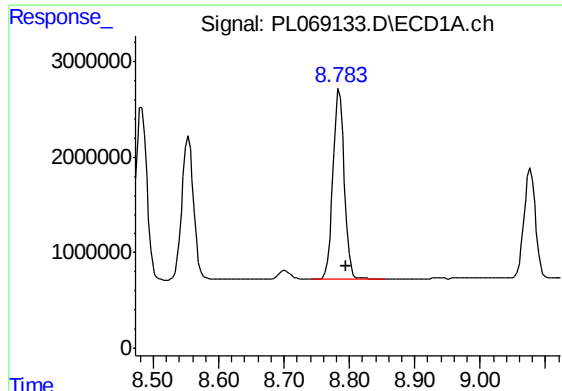
#18 Endrin aldehyde

R.T.: 8.554 min  
Delta R.T.: -0.010 min  
Response: 18575153  
Conc: 49.53 ng/ml



#18 Endrin aldehyde

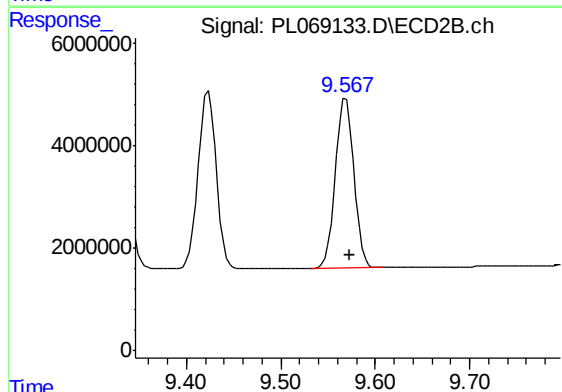
R.T.: 9.332 min  
Delta R.T.: -0.005 min  
Response: 37296583  
Conc: 53.22 ng/ml



#19 Endosulfan Sulfate

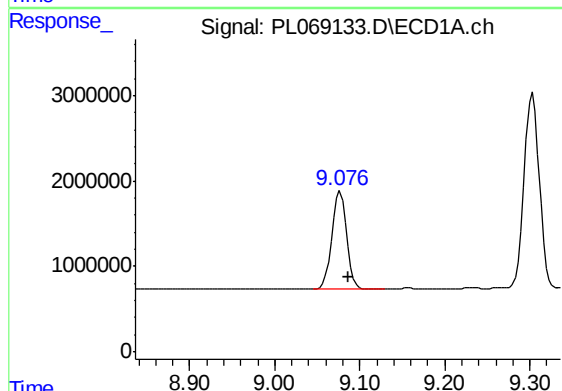
R.T.: 8.785 min  
Delta R.T.: -0.009 min  
Response: 24263403  
Conc: 47.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



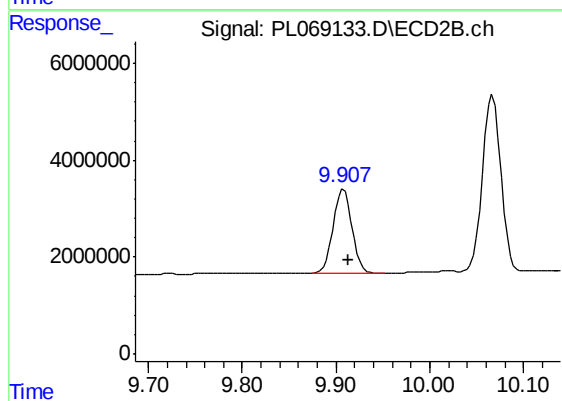
#19 Endosulfan Sulfate

R.T.: 9.569 min  
Delta R.T.: -0.004 min  
Response: 45245297  
Conc: 49.64 ng/ml



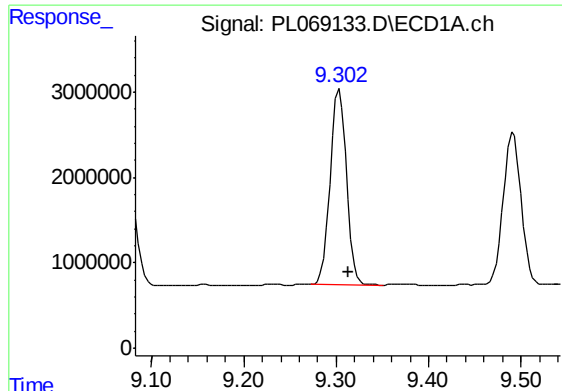
#20 Methoxychlor

R.T.: 9.077 min  
Delta R.T.: -0.010 min  
Response: 13922195  
Conc: 44.47 ng/ml



#20 Methoxychlor

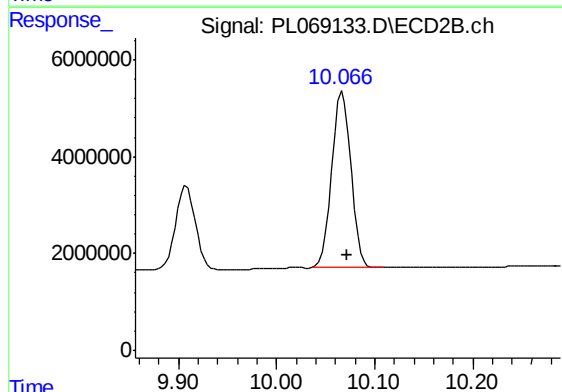
R.T.: 9.908 min  
Delta R.T.: -0.005 min  
Response: 24061043  
Conc: 46.24 ng/ml



#21 Endrin ketone

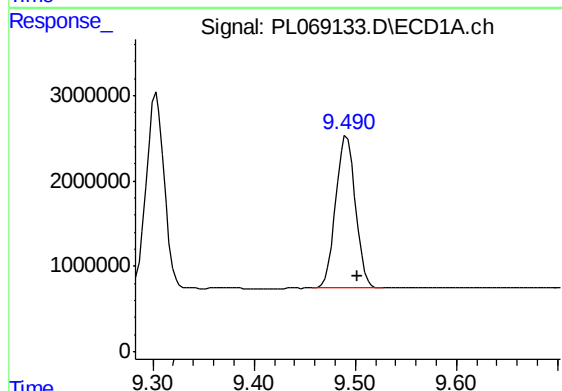
R.T.: 9.304 min  
Delta R.T.: -0.010 min  
Response: 28177243  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



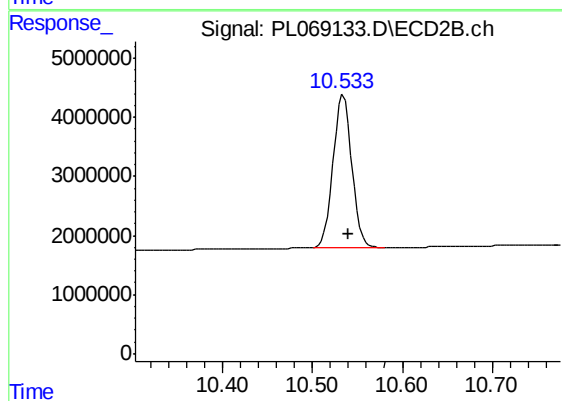
#21 Endrin ketone

R.T.: 10.067 min  
Delta R.T.: -0.005 min  
Response: 49568638  
Conc: 48.68 ng/ml



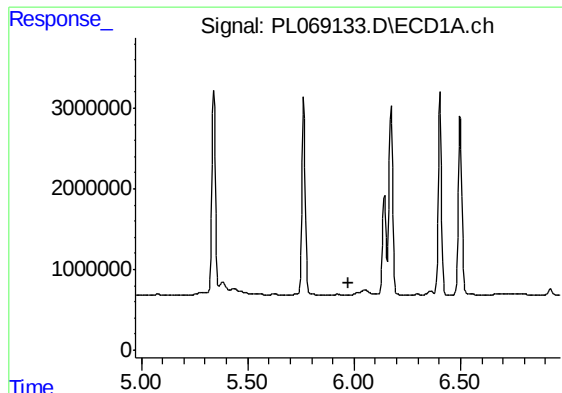
#22 Mirex

R.T.: 9.492 min  
Delta R.T.: -0.010 min  
Response: 23994548  
Conc: 47.89 ng/ml



#22 Mirex

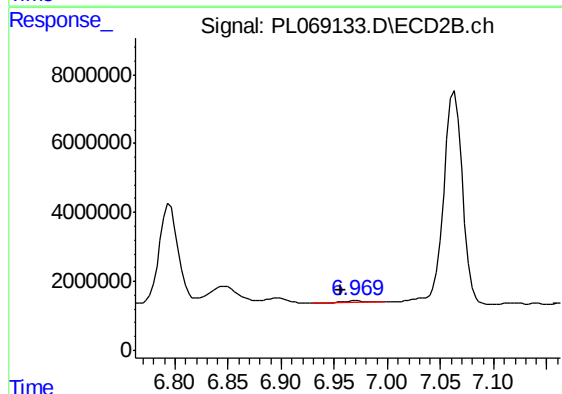
R.T.: 10.534 min  
Delta R.T.: -0.006 min  
Response: 37381654  
Conc: 47.26 ng/ml



#23 Chlordane-1

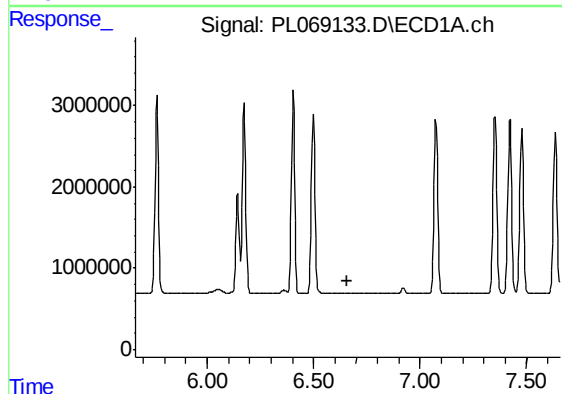
R.T.: 0.000 min  
Exp R.T.: 5.971 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



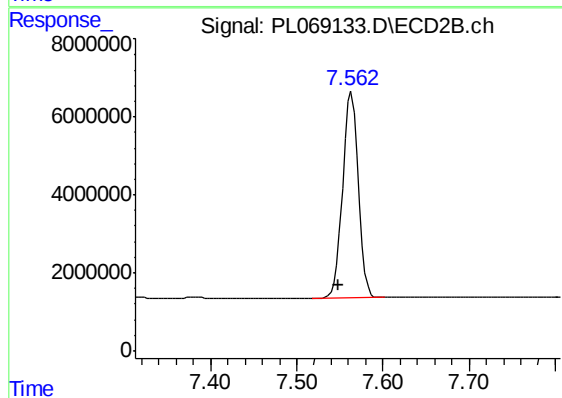
#23 Chlordane-1

R.T.: 6.971 min  
Delta R.T.: 0.015 min  
Response: 809924  
Conc: 19.21 ng/ml



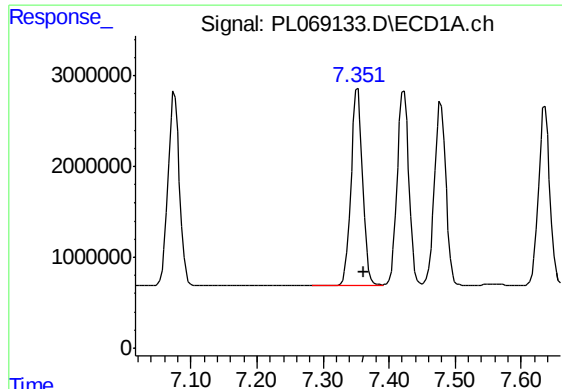
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

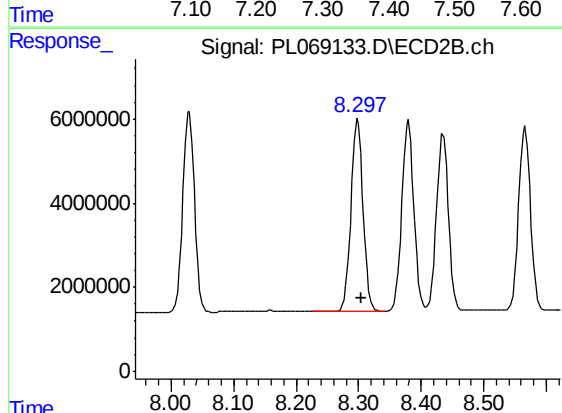
R.T.: 7.564 min  
Delta R.T.: 0.016 min  
Response: 67108596  
Conc: 1548.83 ng/ml



#25 Chlordane-3

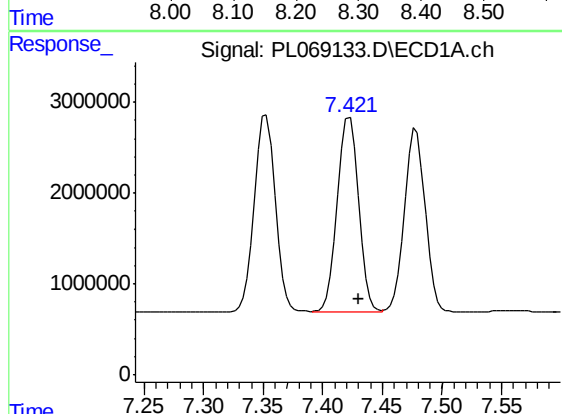
R.T.: 7.353 min  
Delta R.T.: -0.009 min  
Response: 26399910  
Conc: 503.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



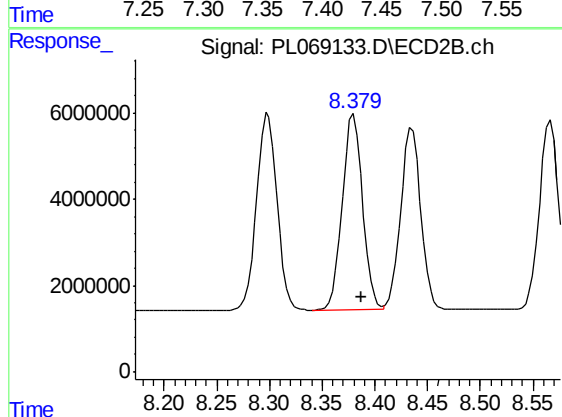
#25 Chlordane-3

R.T.: 8.299 min  
Delta R.T.: -0.006 min  
Response: 61500431  
Conc: 376.48 ng/ml



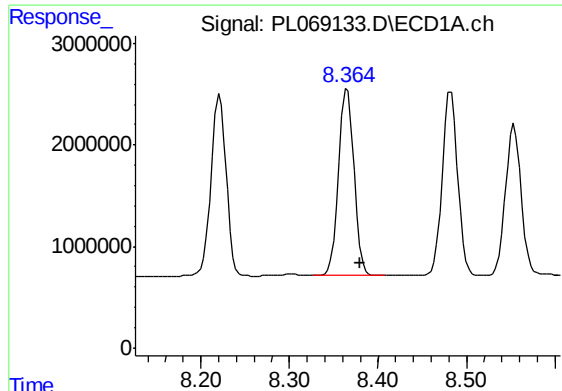
#26 Chlordane-4

R.T.: 7.423 min  
Delta R.T.: -0.008 min  
Response: 26448967  
Conc: 475.20 ng/ml



#26 Chlordane-4

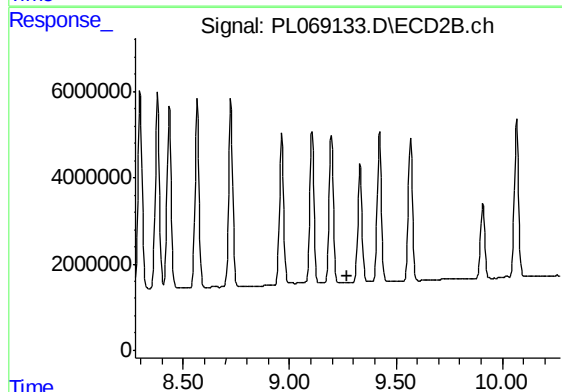
R.T.: 8.380 min  
Delta R.T.: -0.007 min  
Response: 60524170  
Conc: 305.18 ng/ml



#27 Chlordane-5

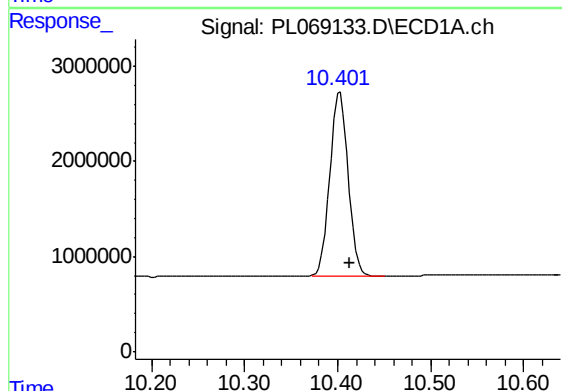
R.T.: 8.366 min  
Delta R.T.: -0.015 min  
Response: 22495054  
Conc: 1090.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



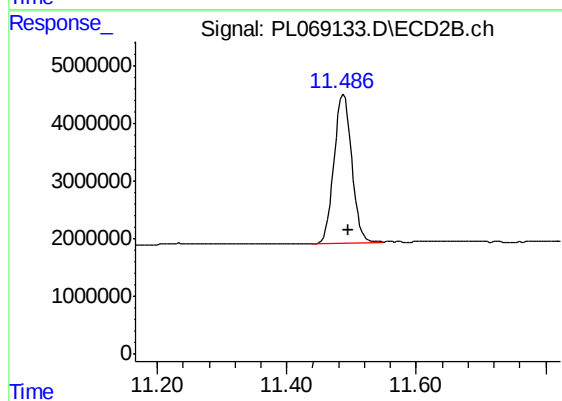
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.403 min  
Delta R.T.: -0.011 min  
Response: 26319408  
Conc: 45.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.488 min  
Delta R.T.: -0.007 min  
Response: 48611104  
Conc: 50.10 ng/ml