

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040925\  
 Data File : PL095130.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Apr 2025 11:03  
 Operator : AR\AJ  
 Sample : PB167473BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB167473BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 01:23:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 11 17:42:21 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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... | 3.539  | 2.767 | 60446230 | 80871246 | 21.354   | 22.658     |
| 28)                         | SA Decachlor... | 9.055  | 7.900 | 51398863 | 95358492 | 24.389   | 23.607     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.996  | 3.269 | 182.1E6  | 282.4E6  | 43.860   | 52.385     |
| 3)                          | MA gamma-BHC... | 4.328  | 3.599 | 173.3E6  | 261.2E6  | 43.436   | 50.816     |
| 4)                          | MA Heptachlor   | 4.915  | 3.937 | 163.5E6  | 251.9E6  | 42.123   | 47.820     |
| 5)                          | MB Aldrin       | 5.257  | 4.215 | 155.4E6  | 232.0E6  | 42.100   | 47.582     |
| 6)                          | B beta-BHC      | 4.527  | 3.900 | 78258833 | 112.8E6  | 42.412   | 50.798     |
| 7)                          | B delta-BHC     | 4.775  | 4.128 | 178.4E6  | 245.1E6  | 45.810   | 48.992     |
| 8)                          | B Heptachlo...  | 5.684  | 4.718 | 143.6E6  | 219.7E6  | 42.923   | 47.974     |
| 9)                          | A Endosulfan I  | 6.069  | 5.088 | 137.4E6  | 210.9E6  | 44.743   | 48.047     |
| 10)                         | B gamma-Chl...  | 5.940  | 4.968 | 147.9E6  | 230.1E6  | 43.887   | 47.650     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.032 | 146.2E6  | 226.3E6  | 44.340   | 47.418     |
| 12)                         | B 4,4'-DDE      | 6.193  | 5.220 | 145.3E6  | 229.9E6  | 49.386   | 49.465     |
| 13)                         | MA Dieldrin     | 6.344  | 5.352 | 145.2E6  | 230.8E6  | 45.408   | 47.567     |
| 14)                         | MA Endrin       | 6.574  | 5.627 | 116.4E6  | 206.8E6  | 41.983   | 47.389     |
| 15)                         | B Endosulfa...  | 6.795  | 5.922 | 127.1E6  | 211.1E6  | 46.825   | 48.779     |
| 16)                         | A 4,4'-DDD      | 6.710  | 5.776 | 114.3E6  | 190.7E6  | 52.785   | 53.027     |
| 17)                         | MA 4,4'-DDT     | 7.024  | 6.025 | 114.8E6  | 201.1E6  | 48.275   | 49.883     |
| 18)                         | B Endrin al...  | 6.924  | 6.103 | 98352708 | 164.5E6  | 46.591   | 48.887     |
| 19)                         | B Endosulfa...  | 7.159  | 6.325 | 113.0E6  | 205.0E6  | 46.468   | 50.331     |
| 20)                         | A Methoxychlor  | 7.501  | 6.601 | 60152579 | 108.2E6  | 50.250   | 51.031     |
| 21)                         | B Endrin ke...  | 7.644  | 6.830 | 127.2E6  | 243.2E6  | 48.111   | 50.968     |
| 22)                         | Mirex           | 8.116  | 7.009 | 93080921 | 183.0E6  | 45.047   | 48.208     |
| 24)                         | Chlordane-2     | 5.257f | 0.000 | 155.4E6  | 0        | 1027.355 | N.D. #     |
| 25)                         | Chlordane-3     | 5.940  | 4.968 | 147.9E6  | 230.1E6  | 295.847  | 432.470 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.032 | 146.2E6  | 226.3E6  | 248.147  | 434.750 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.922 | 0        | 211.1E6  | N.D.     | 1100.575 # |
| -----                       |                 |        |       |          |          |          |            |

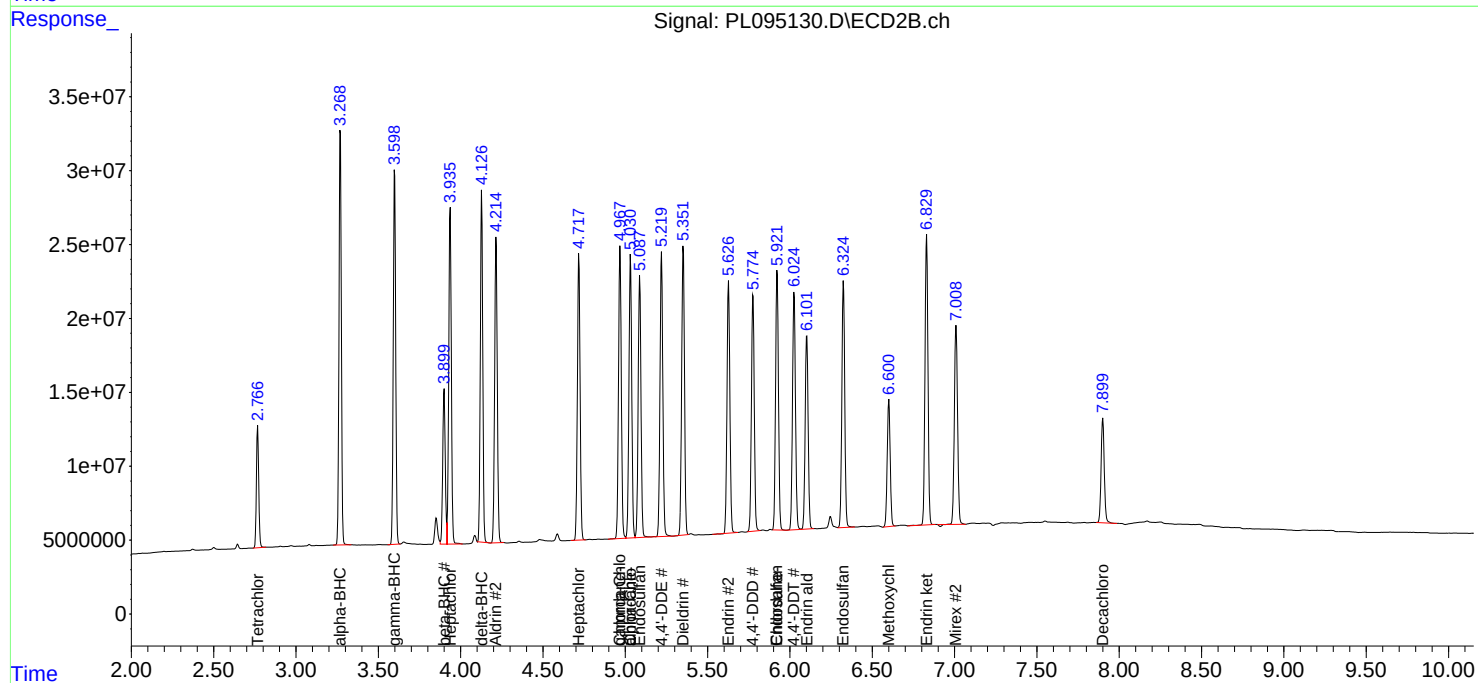
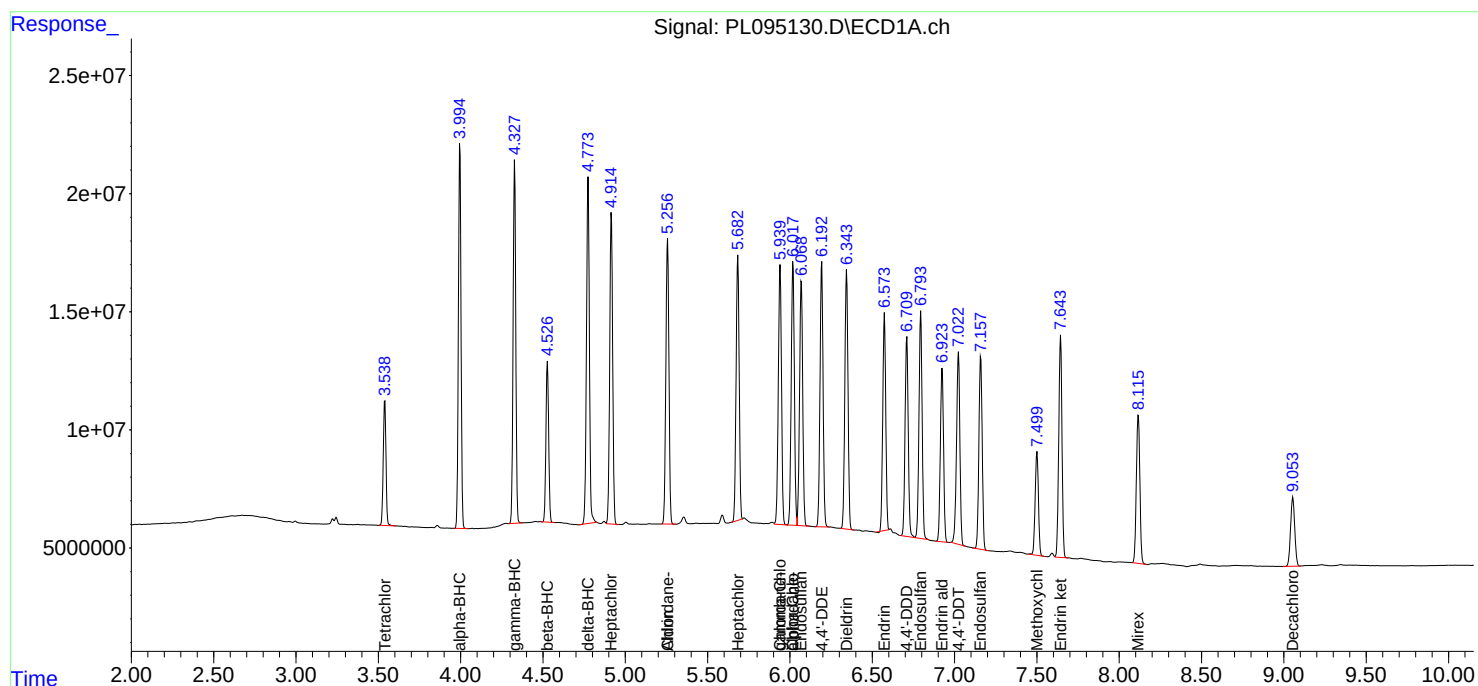
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

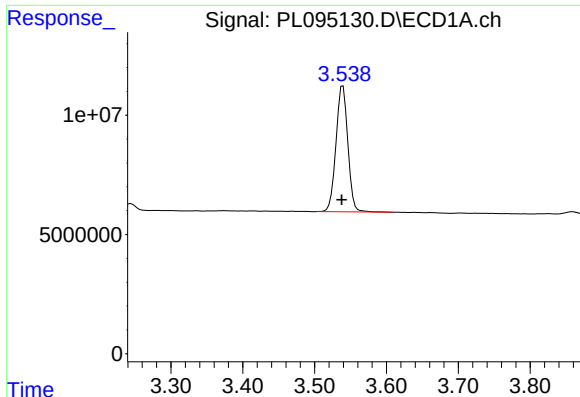
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040925\  
Data File : PL095130.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Apr 2025 11:03  
Operator : AR\AJ  
Sample : PB167473BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 01:23:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 11 17:42:21 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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

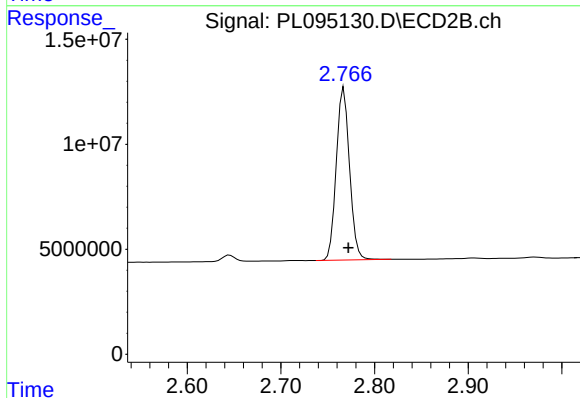




#1 Tetrachloro-m-xylene

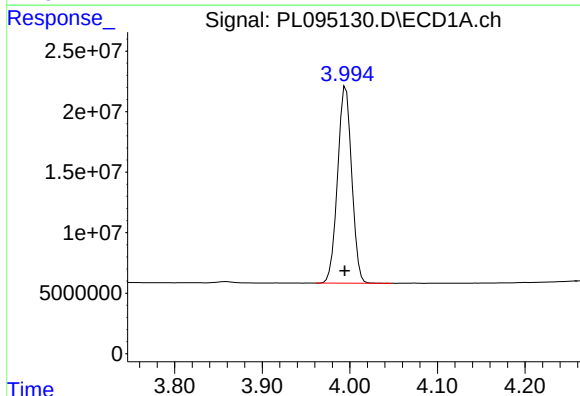
R.T.: 3.539 min  
Delta R.T.: 0.001 min  
Response: 60446230  
Conc: 21.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



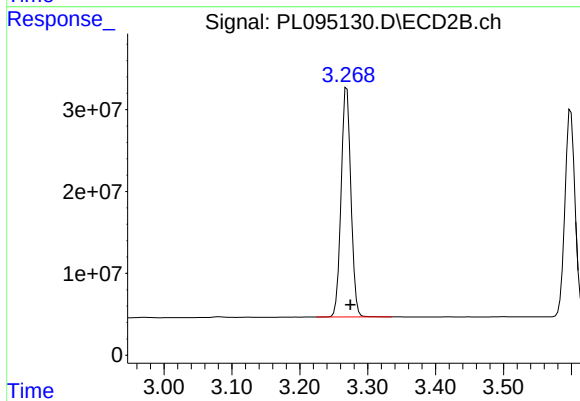
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: -0.005 min  
Response: 80871246  
Conc: 22.66 ng/ml



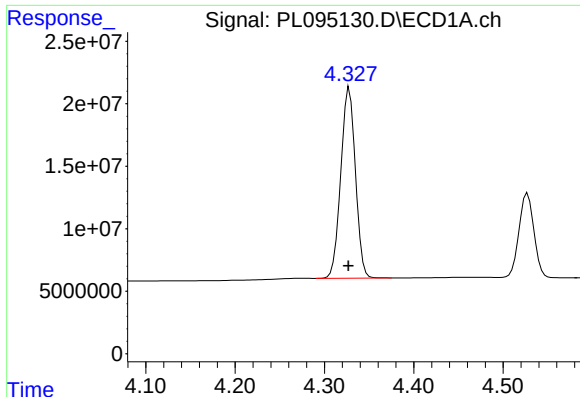
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.001 min  
Response: 182121395  
Conc: 43.86 ng/ml



#2 alpha-BHC

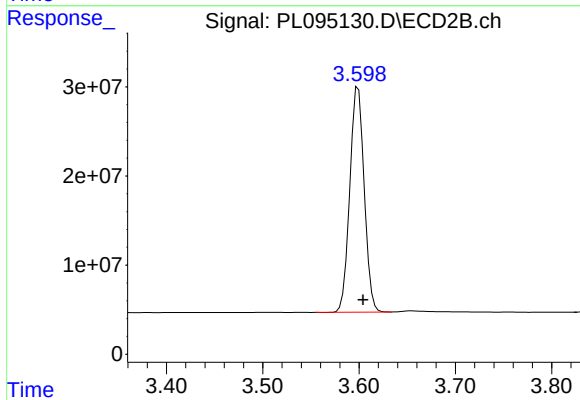
R.T.: 3.269 min  
Delta R.T.: -0.005 min  
Response: 282427718  
Conc: 52.39 ng/ml



#3 gamma-BHC (Lindane)

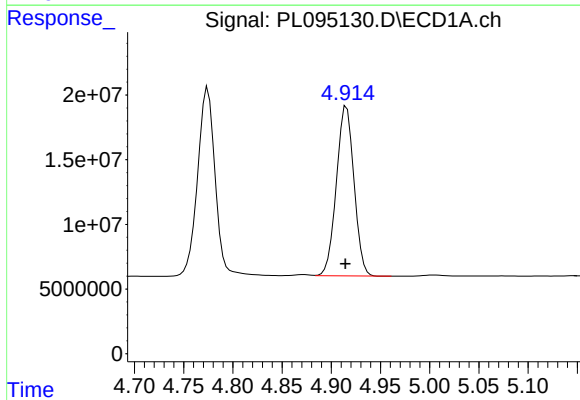
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 173319763  
Conc: 43.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



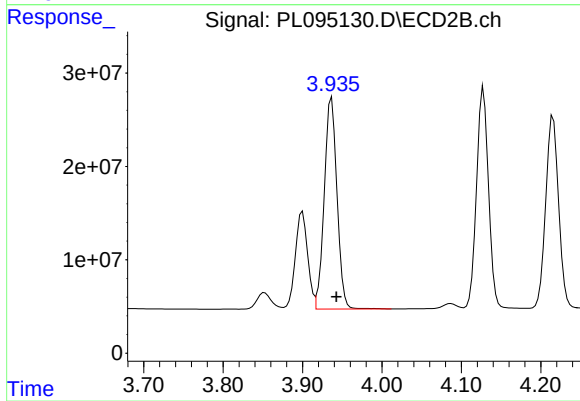
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: -0.005 min  
Response: 261165774  
Conc: 50.82 ng/ml



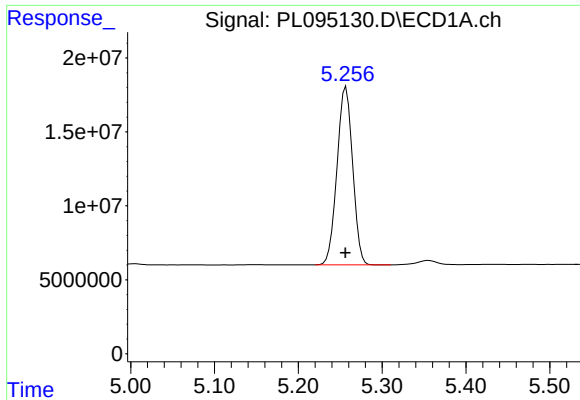
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 163506827  
Conc: 42.12 ng/ml



#4 Heptachlor

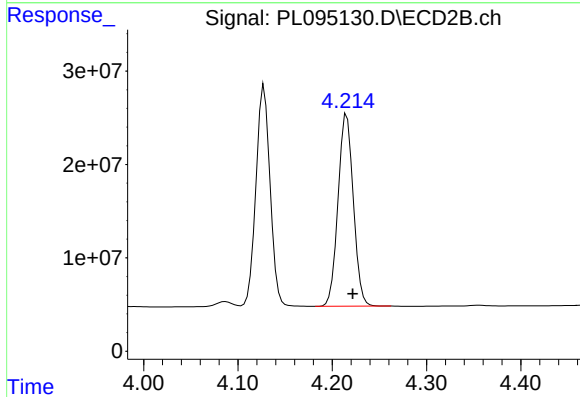
R.T.: 3.937 min  
Delta R.T.: -0.006 min  
Response: 251945154  
Conc: 47.82 ng/ml



#5 Aldrin

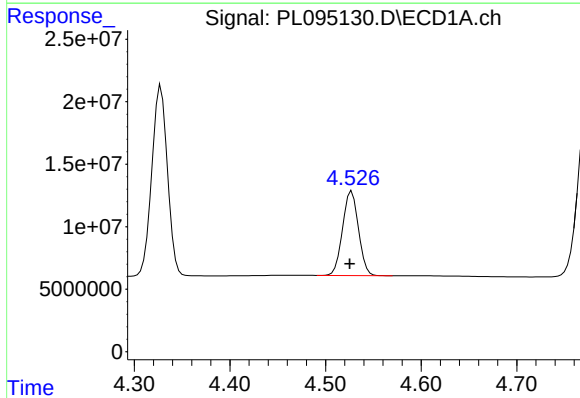
R.T.: 5.257 min  
Delta R.T.: 0.000 min  
Response: 155444110  
Conc: 42.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



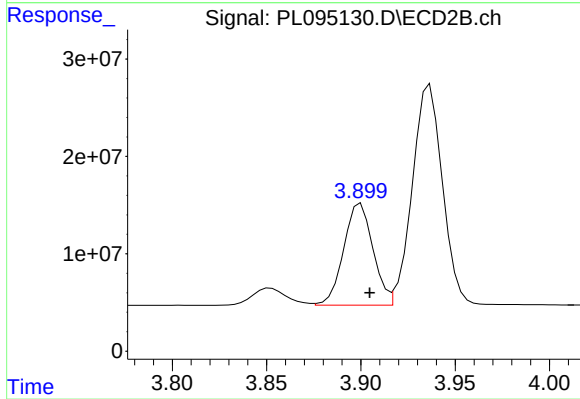
#5 Aldrin

R.T.: 4.215 min  
Delta R.T.: -0.006 min  
Response: 232026055  
Conc: 47.58 ng/ml



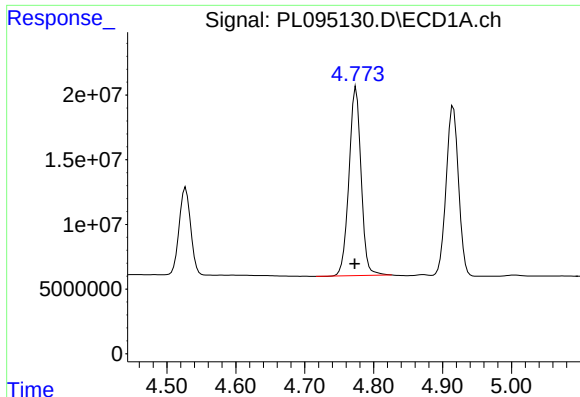
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.002 min  
Response: 78258833  
Conc: 42.41 ng/ml



#6 beta-BHC

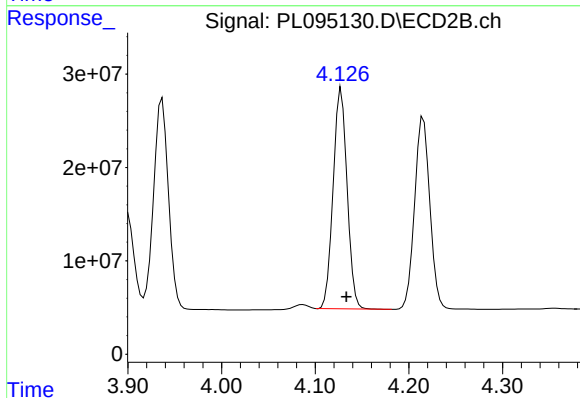
R.T.: 3.900 min  
Delta R.T.: -0.005 min  
Response: 112837360  
Conc: 50.80 ng/ml



#7 delta-BHC

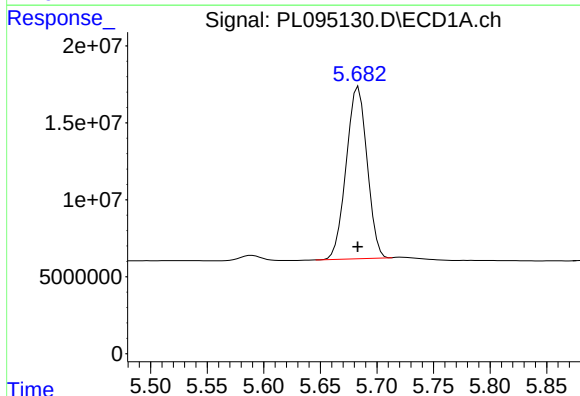
R.T.: 4.775 min  
Delta R.T.: 0.002 min  
Response: 178397216  
Conc: 45.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



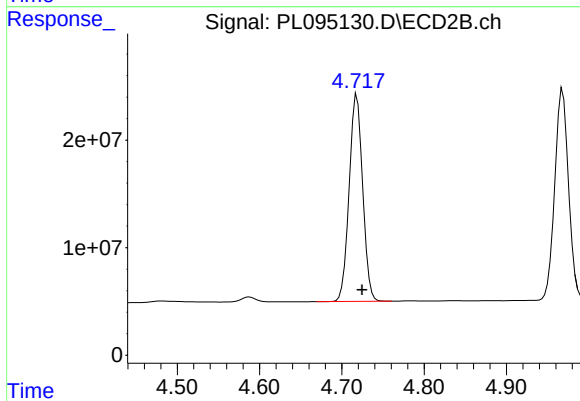
#7 delta-BHC

R.T.: 4.128 min  
Delta R.T.: -0.005 min  
Response: 245059085  
Conc: 48.99 ng/ml



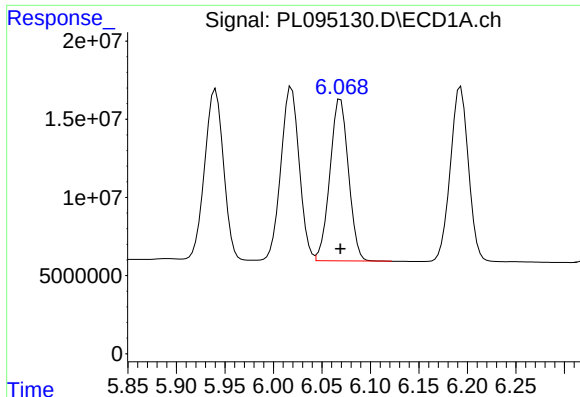
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.000 min  
Response: 143585683  
Conc: 42.92 ng/ml



#8 Heptachlor epoxide

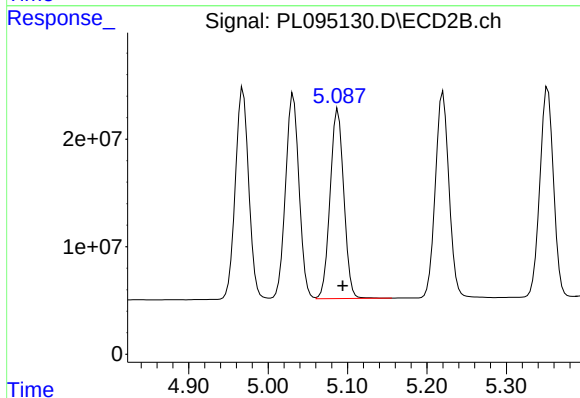
R.T.: 4.718 min  
Delta R.T.: -0.006 min  
Response: 219654229  
Conc: 47.97 ng/ml



#9 Endosulfan I

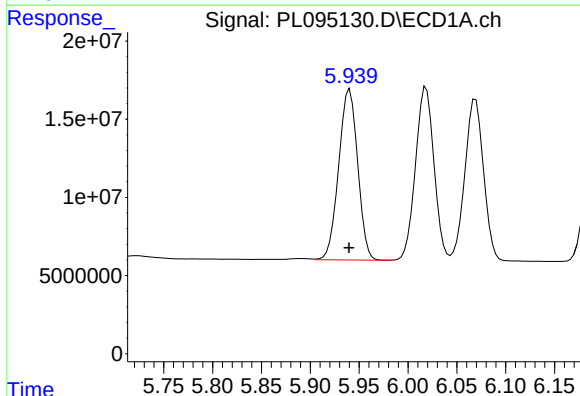
R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 137369901  
Conc: 44.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



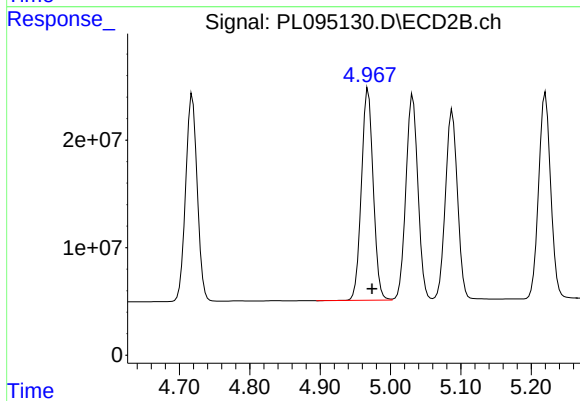
#9 Endosulfan I

R.T.: 5.088 min  
Delta R.T.: -0.006 min  
Response: 210865700  
Conc: 48.05 ng/ml



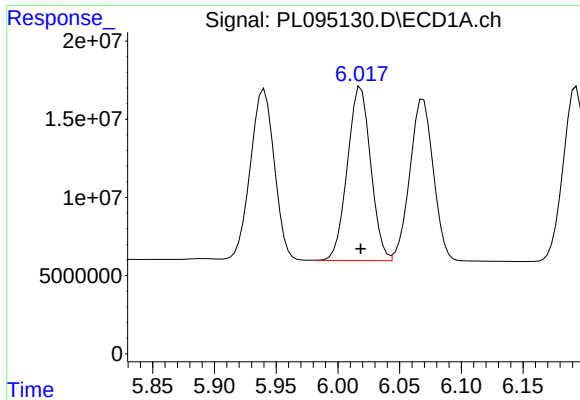
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 147870510  
Conc: 43.89 ng/ml



#10 gamma-Chlordane

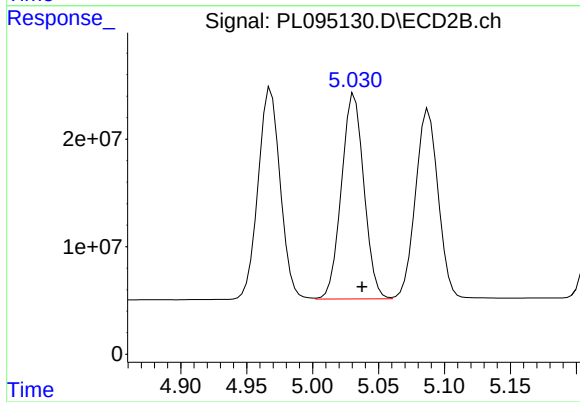
R.T.: 4.968 min  
Delta R.T.: -0.006 min  
Response: 230073310  
Conc: 47.65 ng/ml



#11 alpha-Chlordane

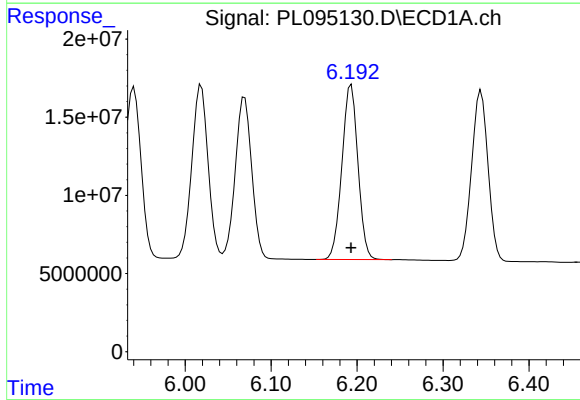
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 146181350  
Conc: 44.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



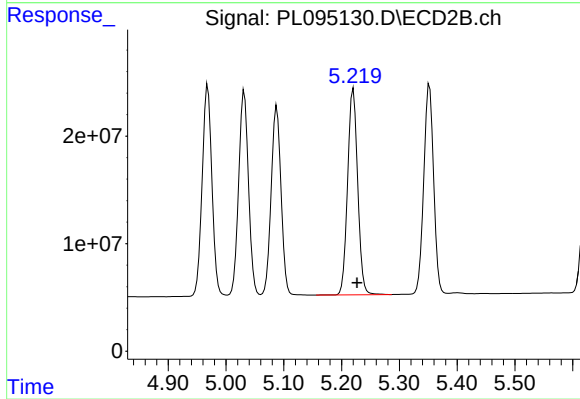
#11 alpha-Chlordane

R.T.: 5.032 min  
Delta R.T.: -0.006 min  
Response: 226313744  
Conc: 47.42 ng/ml



#12 4,4'-DDE

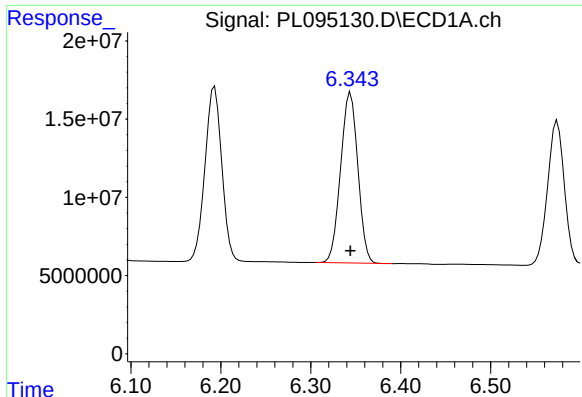
R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 145296863  
Conc: 49.39 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min  
Delta R.T.: -0.006 min  
Response: 229937707  
Conc: 49.46 ng/ml

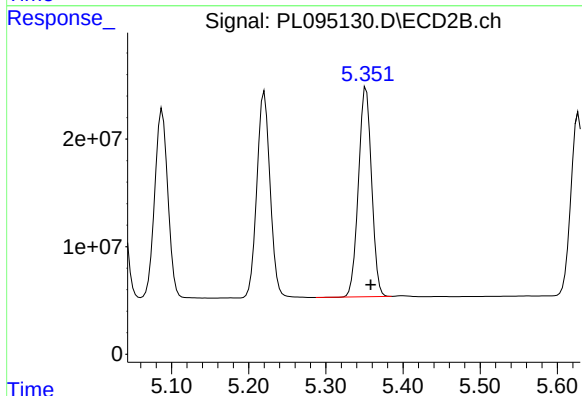




#13 Dieldrin

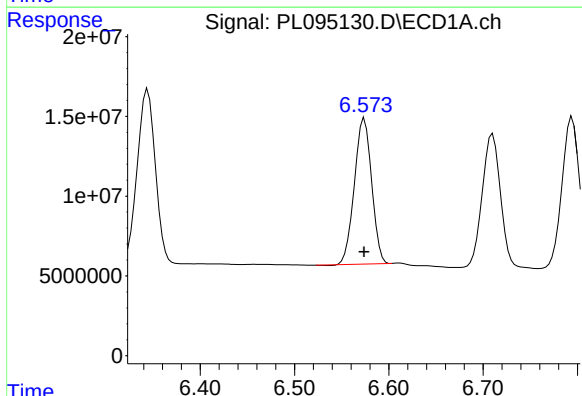
R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 145222249  
Conc: 45.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



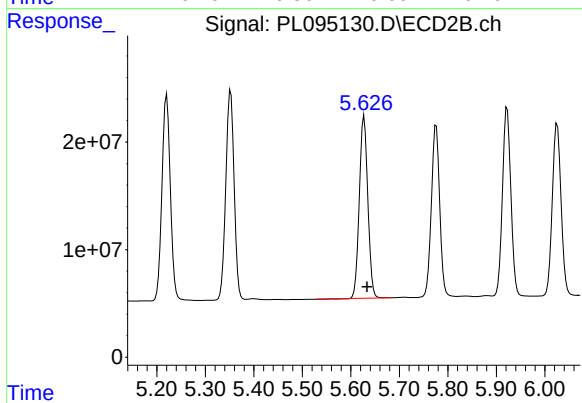
#13 Dieldrin

R.T.: 5.352 min  
Delta R.T.: -0.006 min  
Response: 230788342  
Conc: 47.57 ng/ml



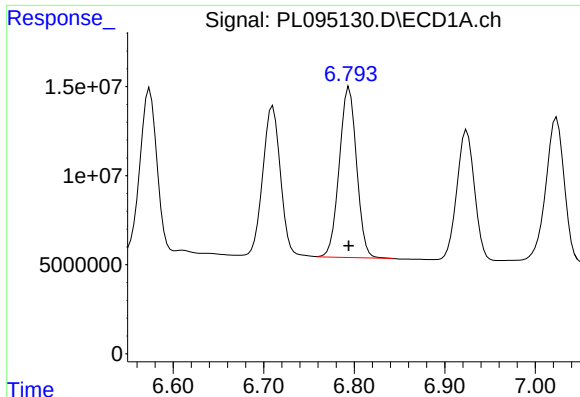
#14 Endrin

R.T.: 6.574 min  
Delta R.T.: 0.000 min  
Response: 116380695  
Conc: 41.98 ng/ml



#14 Endrin

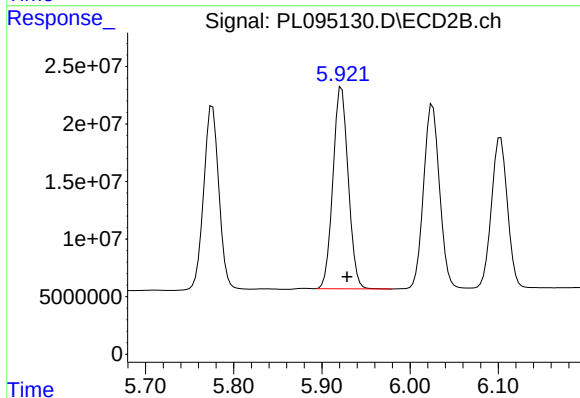
R.T.: 5.627 min  
Delta R.T.: -0.006 min  
Response: 206790124  
Conc: 47.39 ng/ml



#15 Endosulfan II

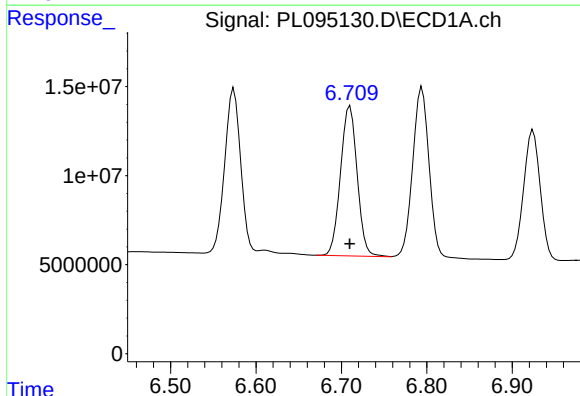
R.T.: 6.795 min  
Delta R.T.: 0.000 min  
Response: 127116600  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



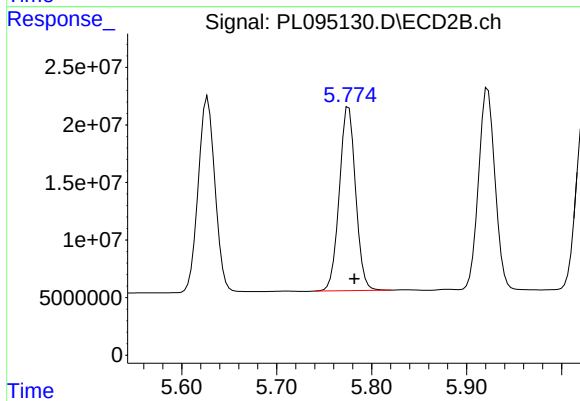
#15 Endosulfan II

R.T.: 5.922 min  
Delta R.T.: -0.006 min  
Response: 211129878  
Conc: 48.78 ng/ml



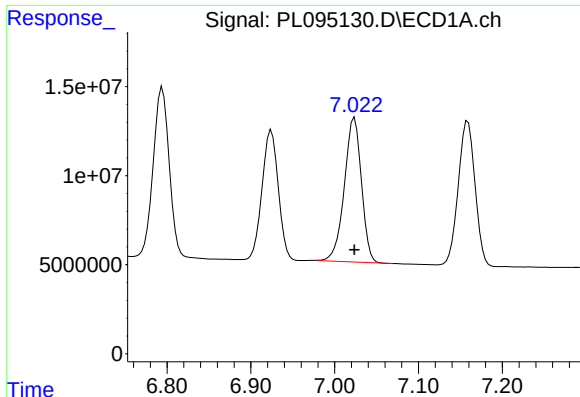
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: 0.000 min  
Response: 114336132  
Conc: 52.79 ng/ml



#16 4,4'-DDD

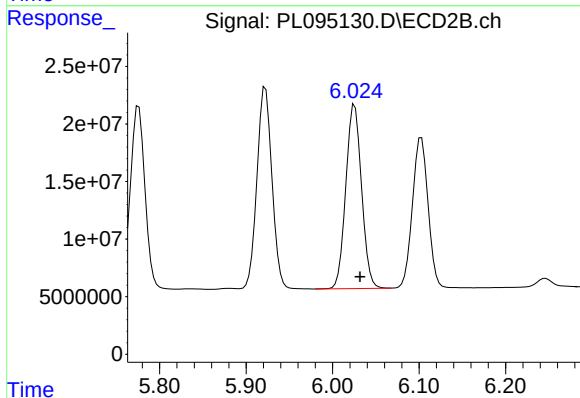
R.T.: 5.776 min  
Delta R.T.: -0.006 min  
Response: 190679672  
Conc: 53.03 ng/ml



#17 4,4'-DDT

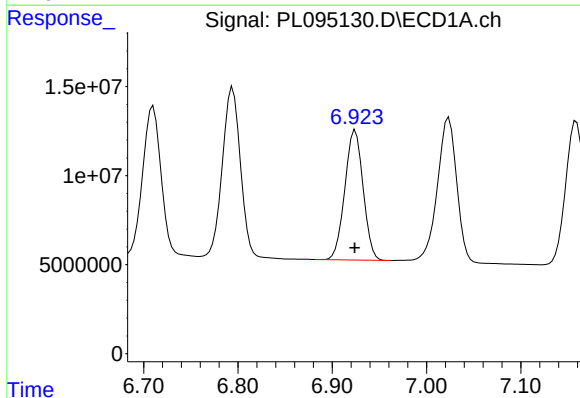
R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 114824949  
Conc: 48.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



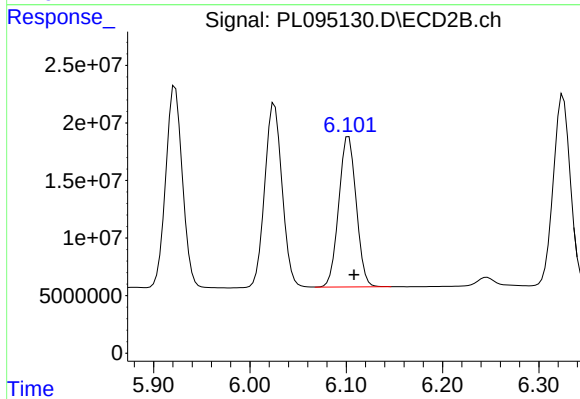
#17 4,4'-DDT

R.T.: 6.025 min  
Delta R.T.: -0.006 min  
Response: 201134202  
Conc: 49.88 ng/ml



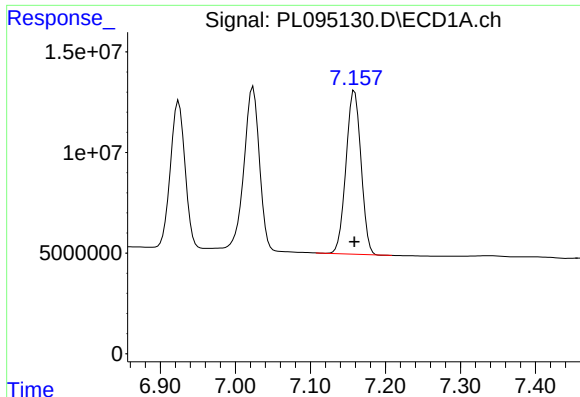
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 98352708  
Conc: 46.59 ng/ml



#18 Endrin aldehyde

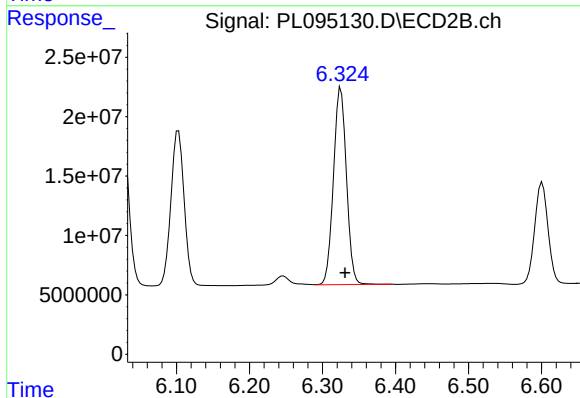
R.T.: 6.103 min  
Delta R.T.: -0.006 min  
Response: 164522360  
Conc: 48.89 ng/ml



#19 Endosulfan Sulfate

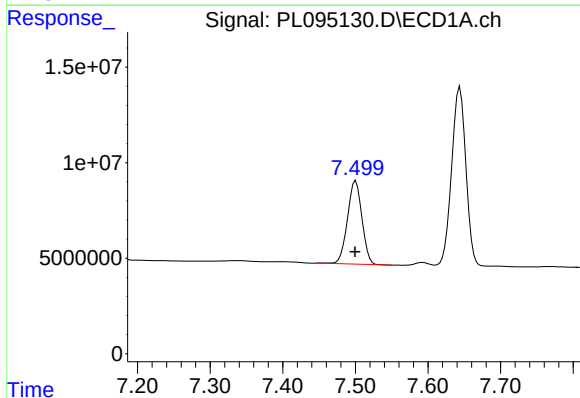
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 113011115  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



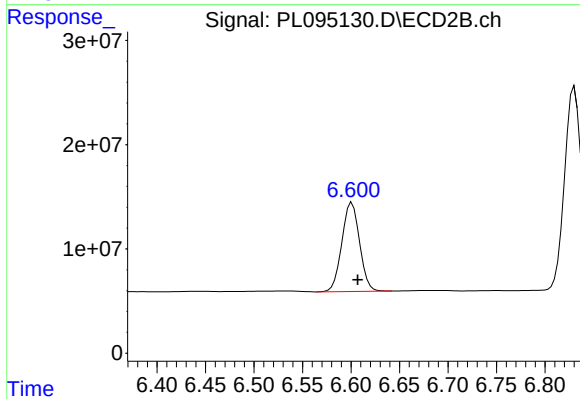
#19 Endosulfan Sulfate

R.T.: 6.325 min  
Delta R.T.: -0.006 min  
Response: 205019374  
Conc: 50.33 ng/ml



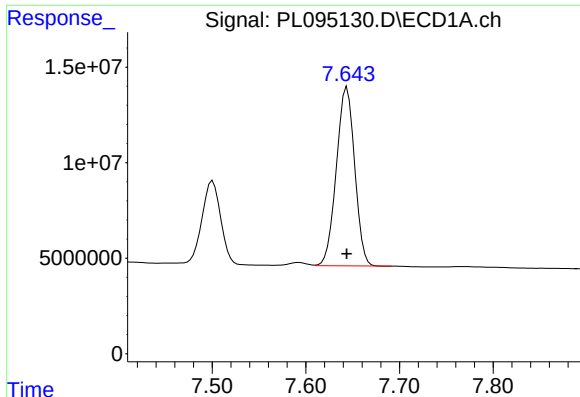
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 60152579  
Conc: 50.25 ng/ml



#20 Methoxychlor

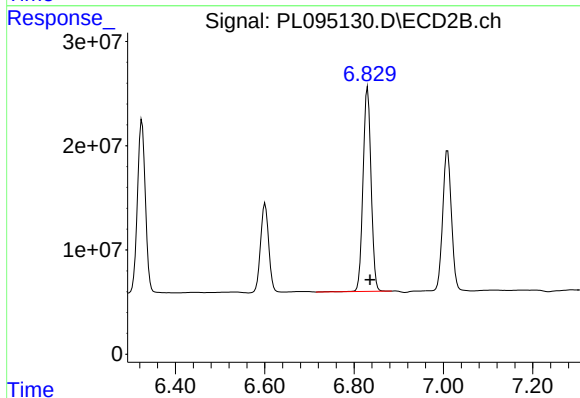
R.T.: 6.601 min  
Delta R.T.: -0.006 min  
Response: 108240824  
Conc: 51.03 ng/ml



#21 Endrin ketone

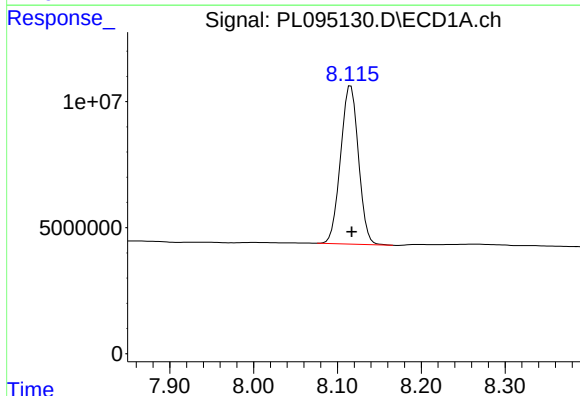
R.T.: 7.644 min  
Delta R.T.: 0.000 min  
Response: 127169570  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



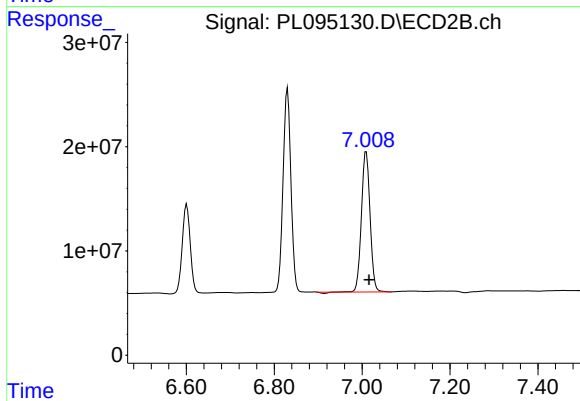
#21 Endrin ketone

R.T.: 6.830 min  
Delta R.T.: -0.006 min  
Response: 243249453  
Conc: 50.97 ng/ml



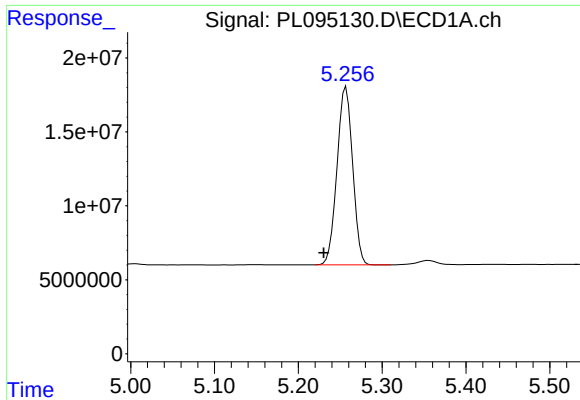
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 93080921  
Conc: 45.05 ng/ml



#22 Mirex

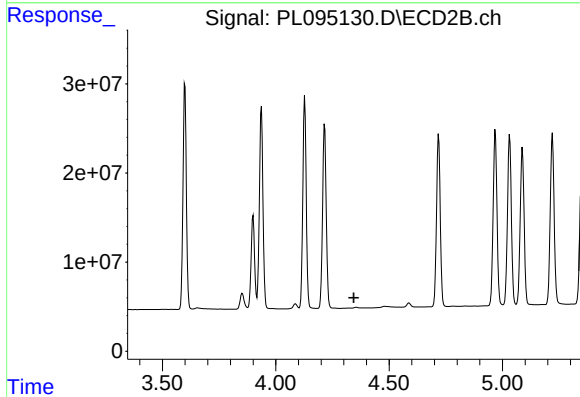
R.T.: 7.009 min  
Delta R.T.: -0.006 min  
Response: 182964804  
Conc: 48.21 ng/ml



#24 Chlordane-2

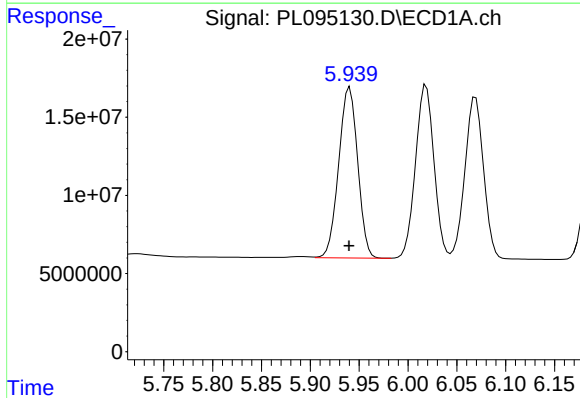
R.T.: 5.257 min  
Delta R.T.: 0.027 min  
Response: 155444110  
Conc: 1027.35 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



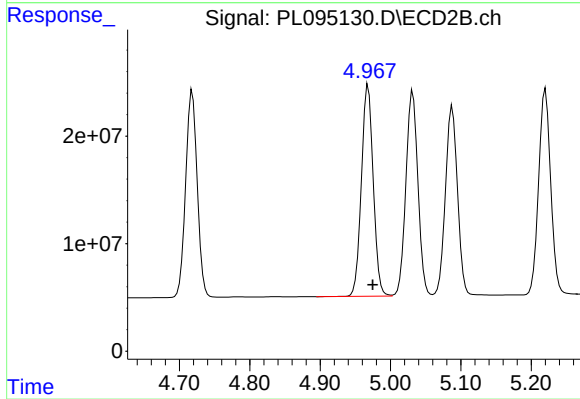
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.344 min  
Response: 0  
Conc: N.D.



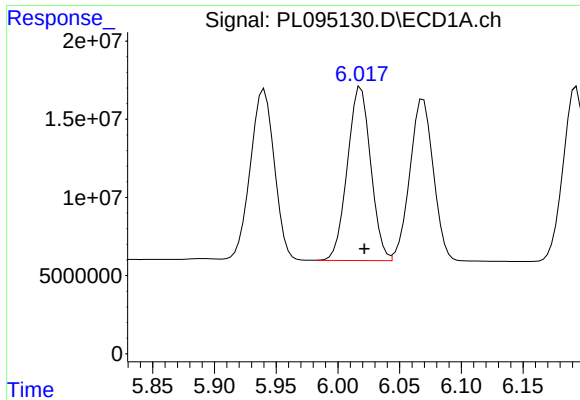
#25 Chlordane-3

R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 147870510  
Conc: 295.85 ng/ml



#25 Chlordane-3

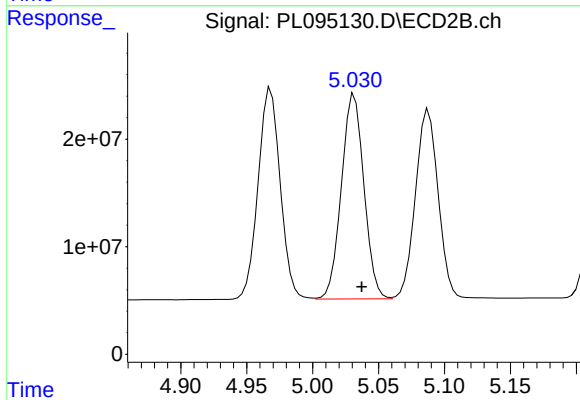
R.T.: 4.968 min  
Delta R.T.: -0.007 min  
Response: 230073310  
Conc: 432.47 ng/ml



#26 Chlordane-4

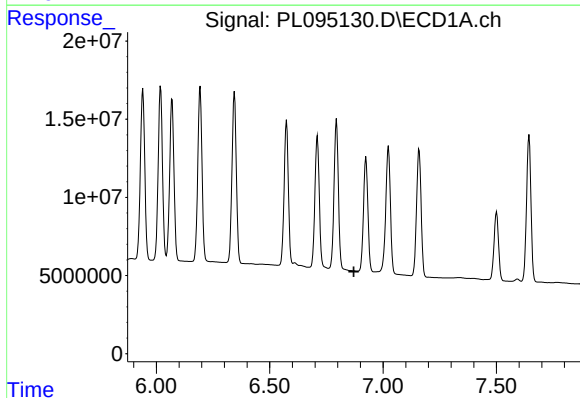
R.T.: 6.019 min  
Delta R.T.: -0.003 min  
Response: 146181350  
Conc: 248.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



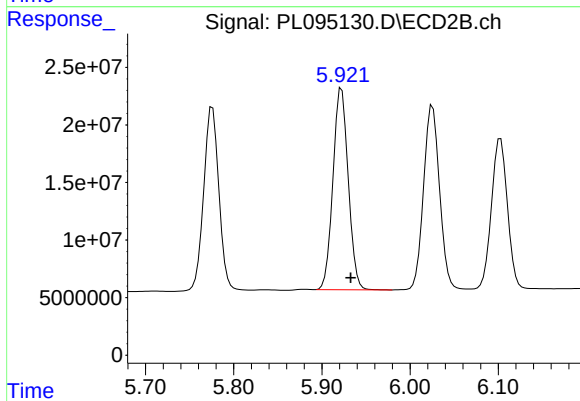
#26 Chlordane-4

R.T.: 5.032 min  
Delta R.T.: -0.006 min  
Response: 226313744  
Conc: 434.75 ng/ml



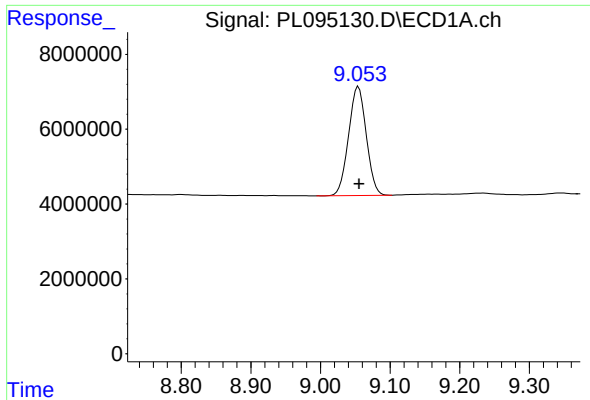
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.871 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

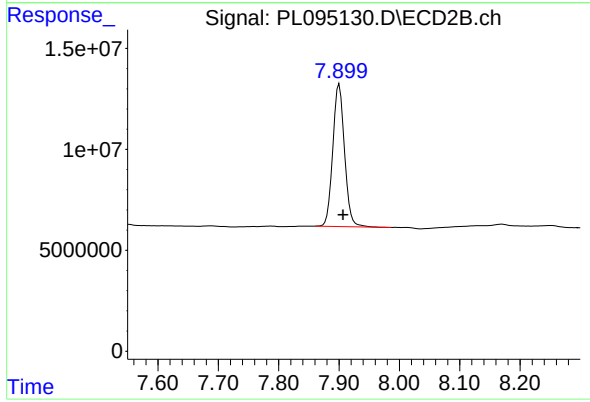
R.T.: 5.922 min  
Delta R.T.: -0.010 min  
Response: 211129878  
Conc: 1100.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: -0.001 min  
Response: 51398863  
Conc: 24.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB167473BS



#28 Decachlorobiphenyl

R.T.: 7.900 min  
Delta R.T.: -0.006 min  
Response: 95358492  
Conc: 23.61 ng/ml