

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090324\  
 Data File : PL091479.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2024 13:58  
 Operator : AR\AJ  
 Sample : PB163105BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB163105BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 06:25:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 2024  
 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... | 3.544  | 2.783  | 41399064 | 41192619 | 19.281   | 21.103    |
| 28)                         | SA Decachlor... | 9.058  | 7.924  | 35986702 | 41766708 | 23.605   | 22.051    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.000  | 3.287  | 146.5E6  | 160.7E6  | 48.873   | 57.958    |
| 3)                          | MA gamma-BHC... | 4.333  | 3.617  | 140.7E6  | 150.4E6  | 49.035   | 57.095    |
| 4)                          | MA Heptachlor   | 4.921  | 3.957  | 132.8E6  | 145.8E6  | 49.885   | 56.446    |
| 5)                          | MB Aldrin       | 5.263  | 4.237  | 126.4E6  | 138.5E6  | 48.966   | 56.322    |
| 6)                          | B beta-BHC      | 4.529  | 3.916  | 65687826 | 64169654 | 48.573   | 54.517    |
| 7)                          | B delta-BHC     | 4.776  | 4.145  | 132.9E6  | 140.9E6  | 48.831   | 55.617    |
| 8)                          | B Heptachlo...  | 5.688  | 4.739  | 119.7E6  | 125.2E6  | 48.924   | 55.530    |
| 9)                          | A Endosulfan I  | 6.074  | 5.109  | 111.0E6  | 116.6E6  | 49.433   | 55.270    |
| 10)                         | B gamma-Chl...  | 5.944  | 4.989  | 120.4E6  | 130.8E6  | 49.822   | 55.316    |
| 11)                         | B alpha-Chl...  | 6.024  | 5.053  | 119.1E6  | 129.4E6  | 49.456   | 55.024    |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.242  | 104.9E6  | 117.0E6  | 50.149   | 56.012    |
| 13)                         | MA Dieldrin     | 6.349  | 5.374  | 117.1E6  | 126.4E6  | 49.725   | 55.490    |
| 14)                         | MA Endrin       | 6.578  | 5.649  | 98125701 | 111.2E6  | 50.600   | 54.575    |
| 15)                         | B Endosulfa...  | 6.797  | 5.943  | 103.8E6  | 109.7E6  | 51.279   | 56.687    |
| 16)                         | A 4,4'-DDD      | 6.713  | 5.796  | 88877195 | 91245156 | 58.805   | 55.274    |
| 17)                         | MA 4,4'-DDT     | 7.027  | 6.047  | 95511034 | 99786587 | 53.807   | 56.173    |
| 18)                         | B Endrin al...  | 6.927  | 6.122  | 82315072 | 85683847 | 51.563   | 55.007    |
| 19)                         | B Endosulfa...  | 7.162  | 6.345  | 97319287 | 105.7E6  | 50.723   | 54.828    |
| 20)                         | A Methoxychlor  | 7.503  | 6.621  | 52413356 | 51546471 | 55.743   | 51.911    |
| 21)                         | B Endrin ke...  | 7.646  | 6.851  | 107.7E6  | 119.0E6  | 51.308   | 54.626    |
| 22)                         | Mirex           | 8.121  | 7.032  | 85767475 | 99305962 | 50.417   | 53.206    |
| 24)                         | Chlordane-2     | 5.263f | 4.375  | 126.4E6  | 842344   | 1244.608 | 8.965 #   |
| 25)                         | Chlordane-3     | 5.944  | 4.989  | 120.4E6  | 130.8E6  | 346.626  | 538.494 # |
| 26)                         | Chlordane-4     | 6.024  | 5.053  | 119.1E6  | 129.4E6  | 283.105  | 555.169 # |
| 27)                         | Chlordane-5     | 0.000  | 5.739f | 0        | 100133   | N.D.     | 1.446 #   |
| -----                       |                 |        |        |          |          |          |           |

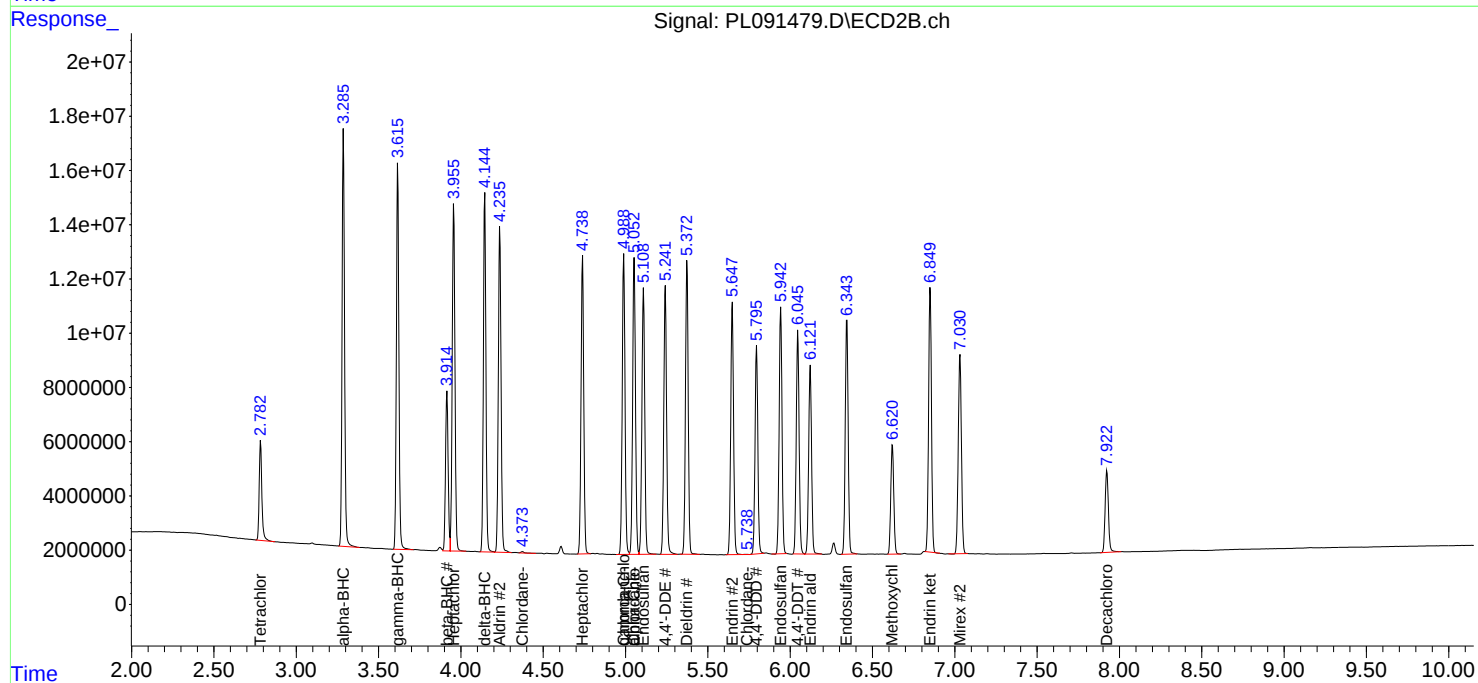
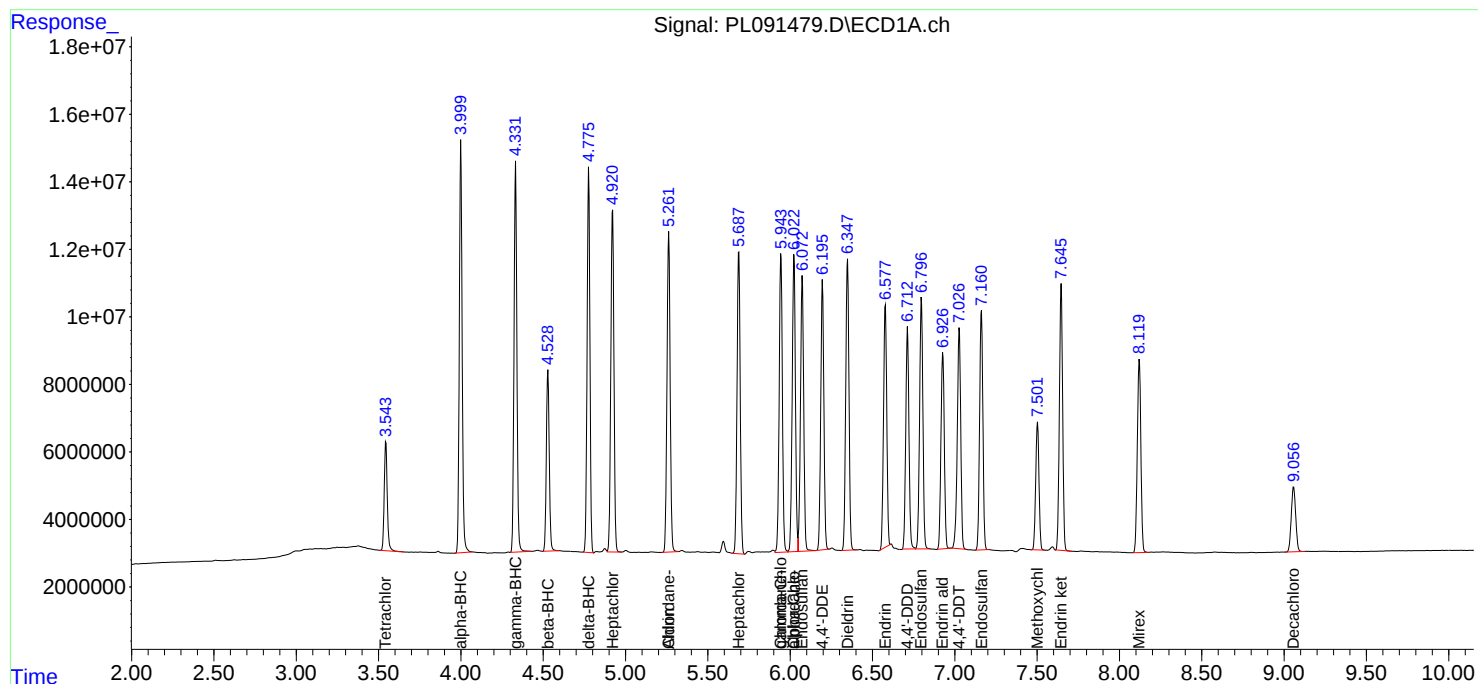
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

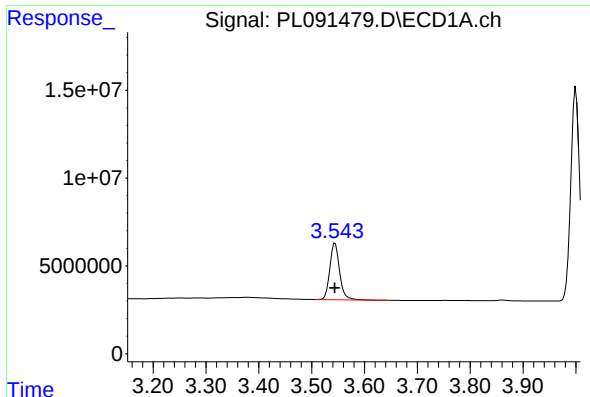
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090324\  
Data File : PL091479.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Sep 2024 13:58  
Operator : AR\AJ  
Sample : PB163105BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 04 06:25:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 2024  
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

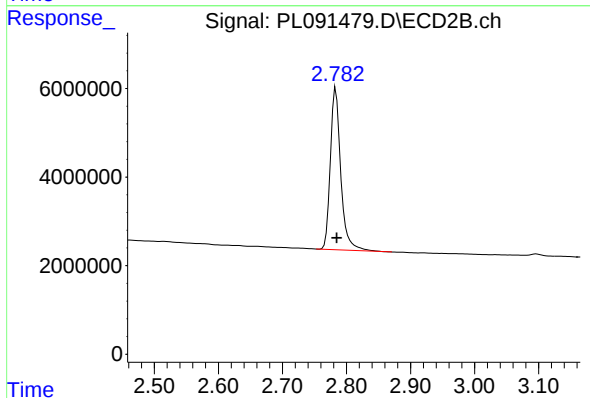




#1 Tetrachloro-m-xylene

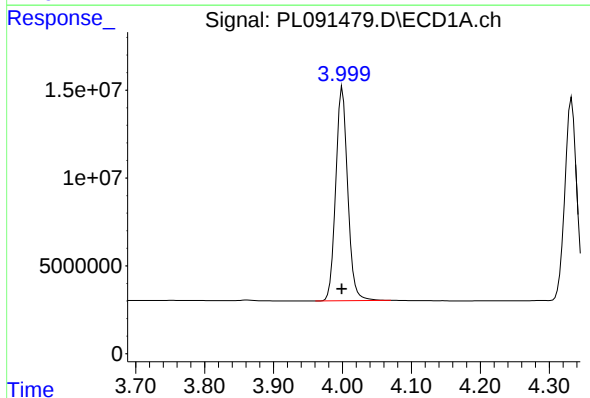
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 41399064  
Conc: 19.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



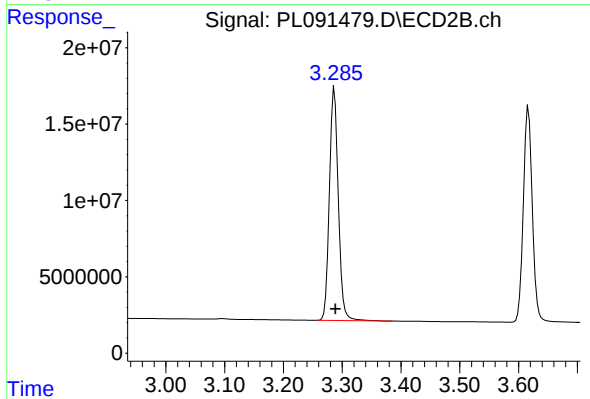
#1 Tetrachloro-m-xylene

R.T.: 2.783 min  
Delta R.T.: -0.001 min  
Response: 41192619  
Conc: 21.10 ng/ml



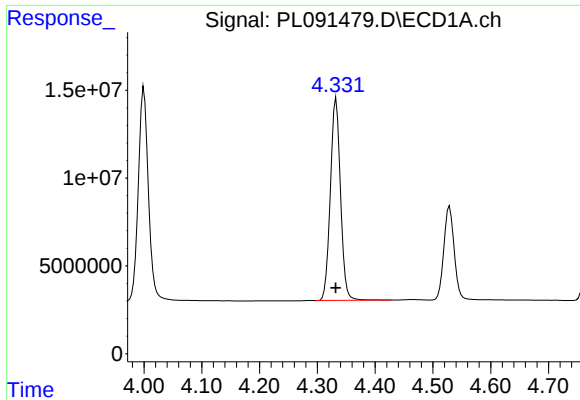
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 146512509  
Conc: 48.87 ng/ml



#2 alpha-BHC

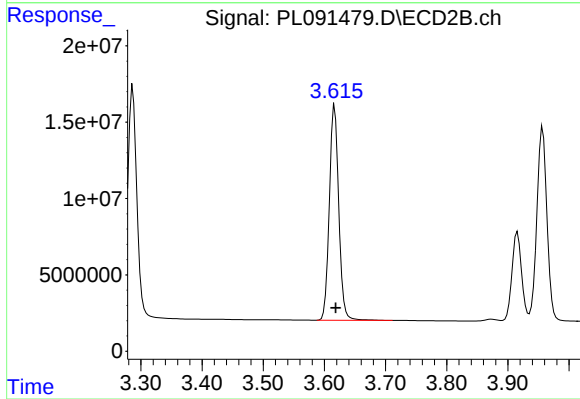
R.T.: 3.287 min  
Delta R.T.: -0.002 min  
Response: 160744674  
Conc: 57.96 ng/ml



#3 gamma-BHC (Lindane)

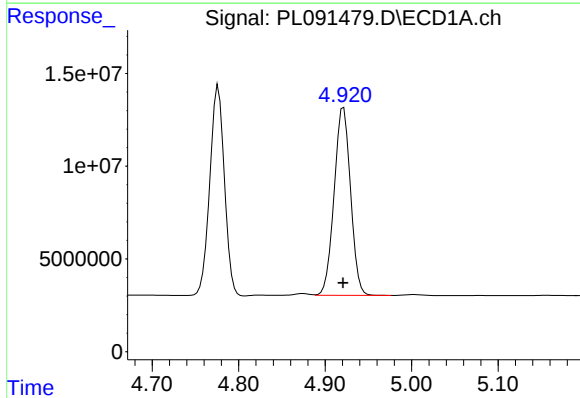
R.T.: 4.333 min  
Delta R.T.: 0.001 min  
Response: 140664137  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



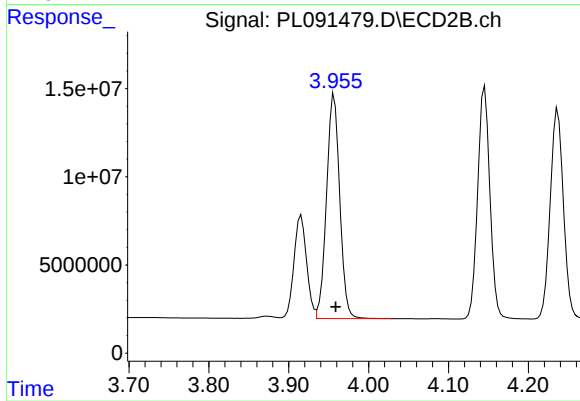
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: -0.002 min  
Response: 150383332  
Conc: 57.09 ng/ml



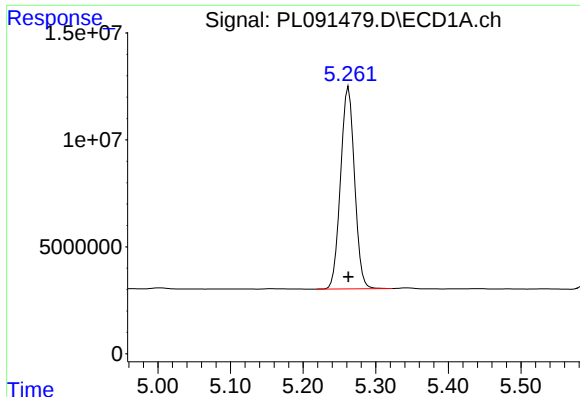
#4 Heptachlor

R.T.: 4.921 min  
Delta R.T.: 0.000 min  
Response: 132844043  
Conc: 49.88 ng/ml



#4 Heptachlor

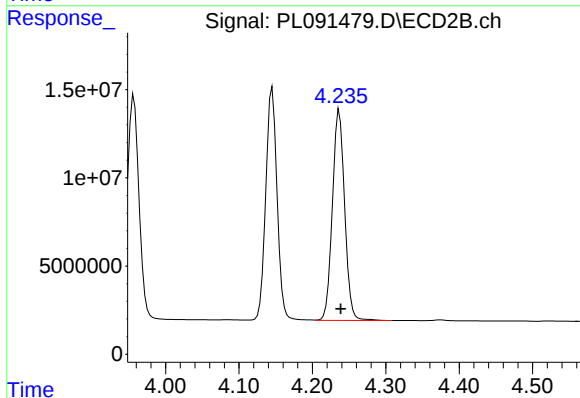
R.T.: 3.957 min  
Delta R.T.: -0.002 min  
Response: 145784006  
Conc: 56.45 ng/ml



#5 Aldrin

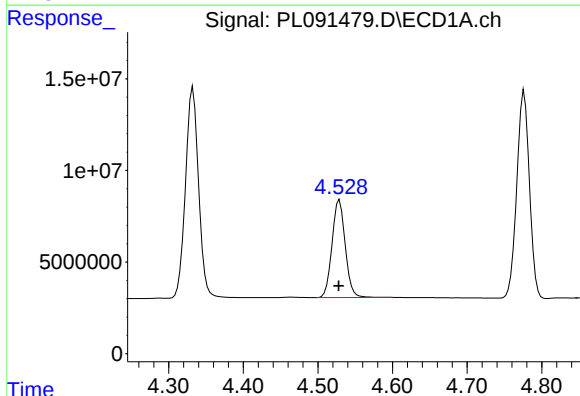
R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 126374506  
Conc: 48.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



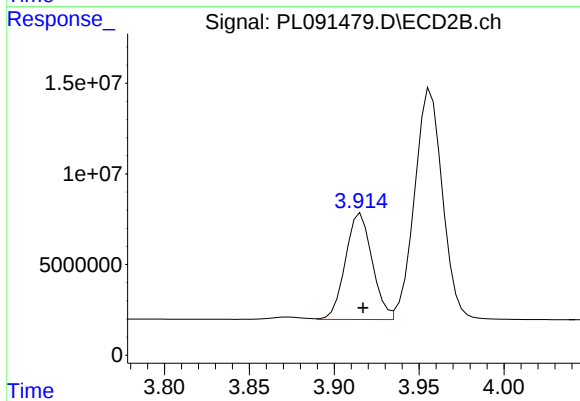
#5 Aldrin

R.T.: 4.237 min  
Delta R.T.: -0.002 min  
Response: 138506121  
Conc: 56.32 ng/ml



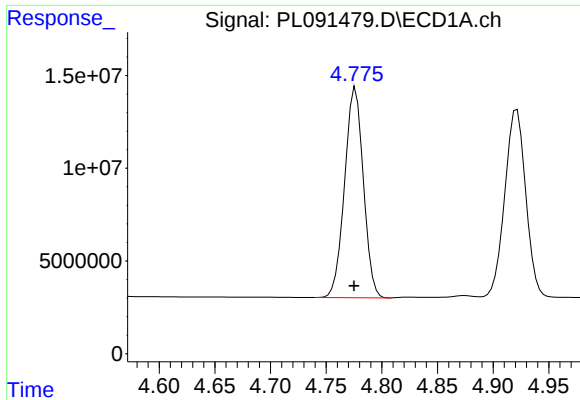
#6 beta-BHC

R.T.: 4.529 min  
Delta R.T.: 0.001 min  
Response: 65687826  
Conc: 48.57 ng/ml



#6 beta-BHC

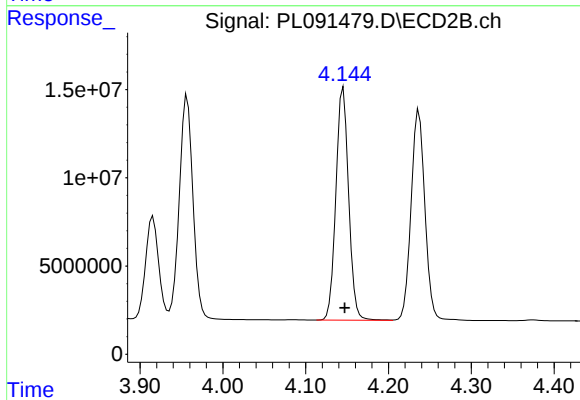
R.T.: 3.916 min  
Delta R.T.: -0.001 min  
Response: 64169654  
Conc: 54.52 ng/ml



#7 delta-BHC

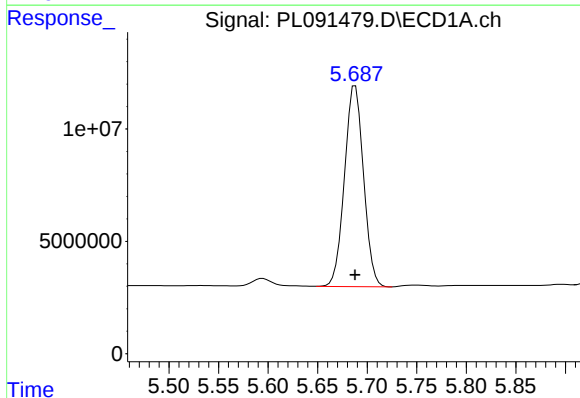
R.T.: 4.776 min  
Delta R.T.: 0.001 min  
Response: 132941270  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



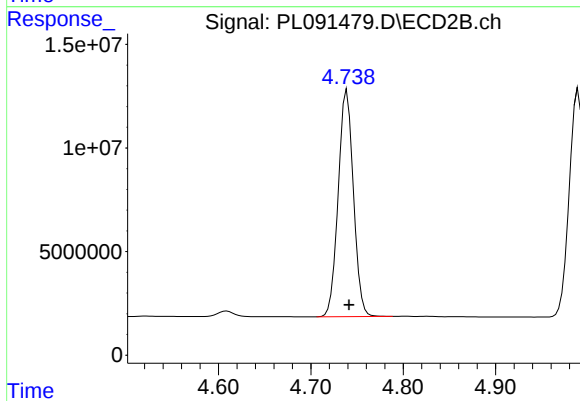
#7 delta-BHC

R.T.: 4.145 min  
Delta R.T.: -0.002 min  
Response: 140945345  
Conc: 55.62 ng/ml



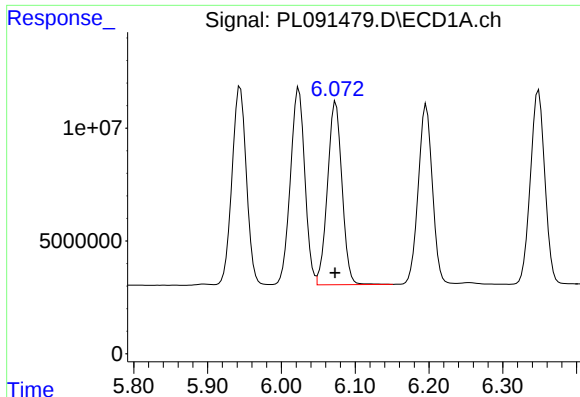
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 119695183  
Conc: 48.92 ng/ml



#8 Heptachlor epoxide

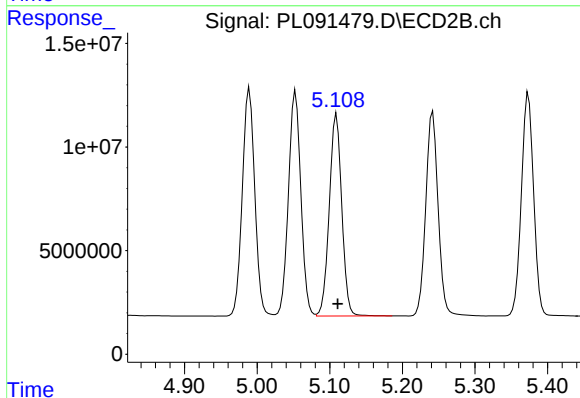
R.T.: 4.739 min  
Delta R.T.: -0.002 min  
Response: 125210205  
Conc: 55.53 ng/ml



#9 Endosulfan I

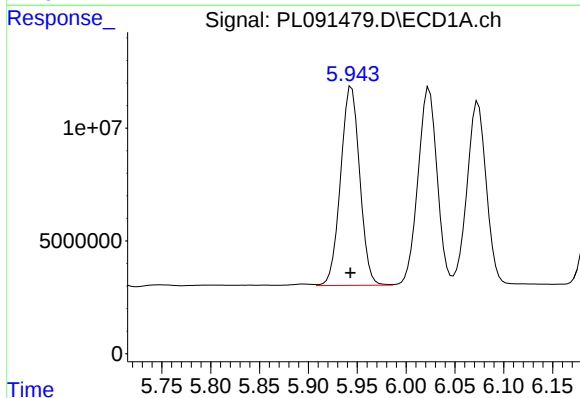
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 110993124  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



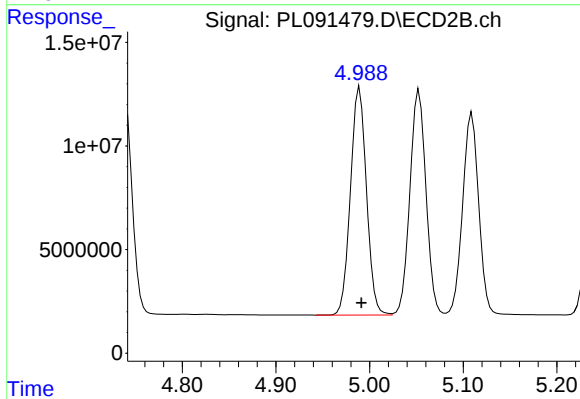
#9 Endosulfan I

R.T.: 5.109 min  
Delta R.T.: -0.002 min  
Response: 116628381  
Conc: 55.27 ng/ml



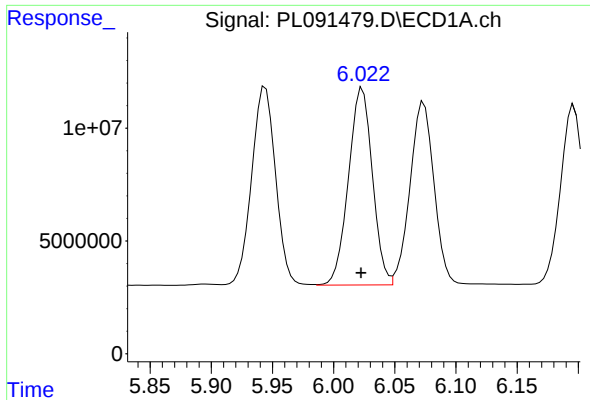
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.001 min  
Response: 120391709  
Conc: 49.82 ng/ml



#10 gamma-Chlordane

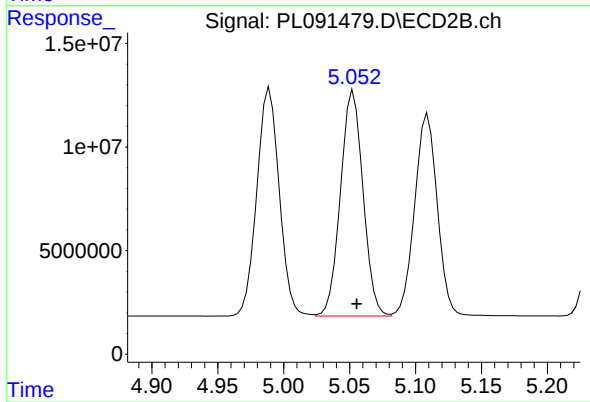
R.T.: 4.989 min  
Delta R.T.: -0.002 min  
Response: 130765401  
Conc: 55.32 ng/ml



#11 alpha-Chlordane

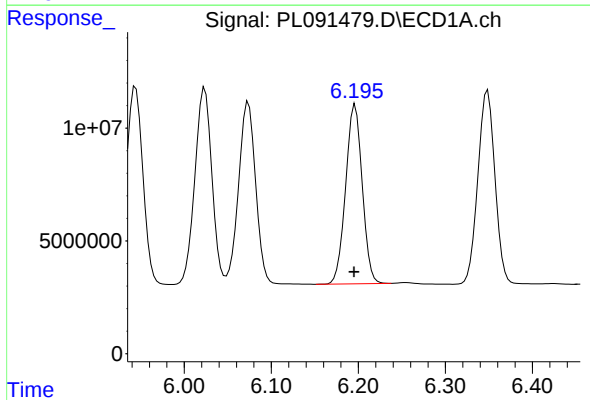
R.T.: 6.024 min  
Delta R.T.: 0.001 min  
Response: 119077416  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



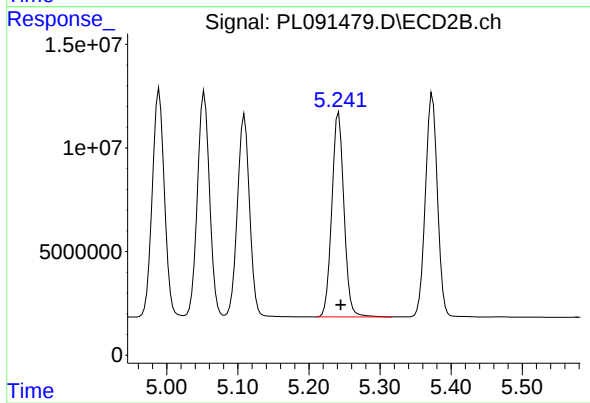
#11 alpha-Chlordane

R.T.: 5.053 min  
Delta R.T.: -0.002 min  
Response: 129448046  
Conc: 55.02 ng/ml



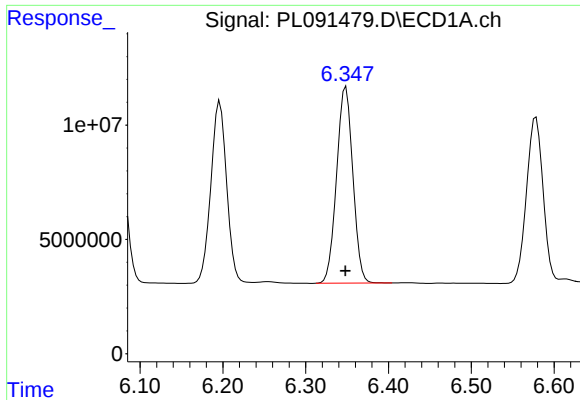
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.001 min  
Response: 104916334  
Conc: 50.15 ng/ml



#12 4,4'-DDE

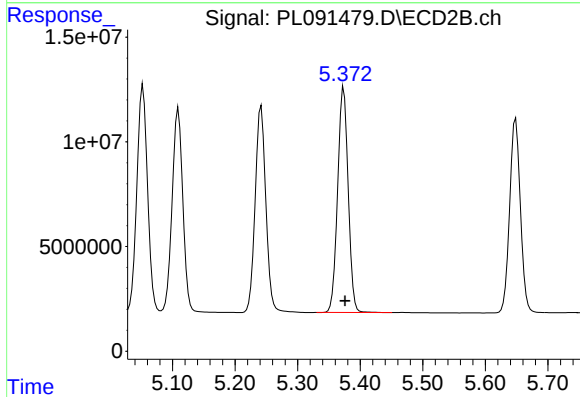
R.T.: 5.242 min  
Delta R.T.: -0.003 min  
Response: 117032091  
Conc: 56.01 ng/ml



#13 Dieldrin

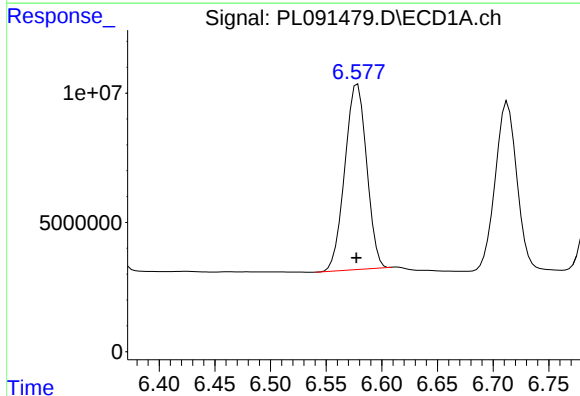
R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 117114530  
Conc: 49.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



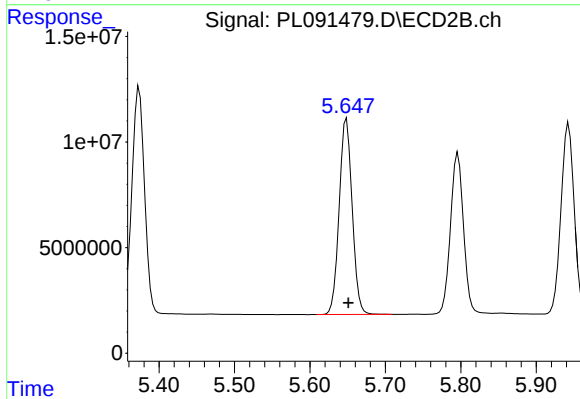
#13 Dieldrin

R.T.: 5.374 min  
Delta R.T.: -0.002 min  
Response: 126380263  
Conc: 55.49 ng/ml



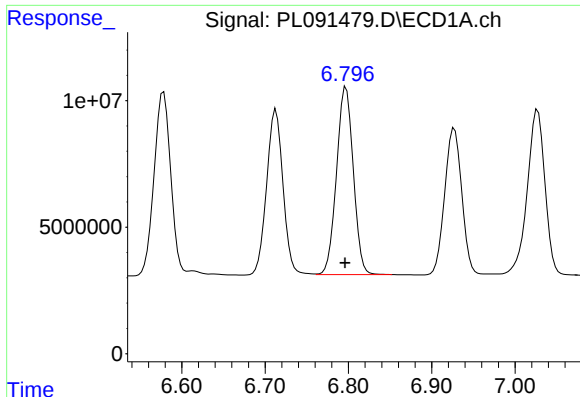
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 98125701  
Conc: 50.60 ng/ml



#14 Endrin

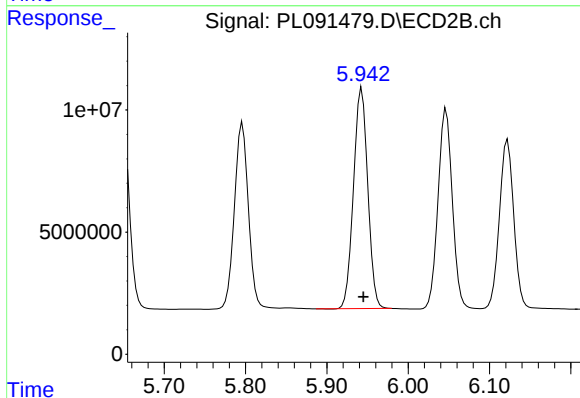
R.T.: 5.649 min  
Delta R.T.: -0.003 min  
Response: 111177809  
Conc: 54.58 ng/ml



#15 Endosulfan II

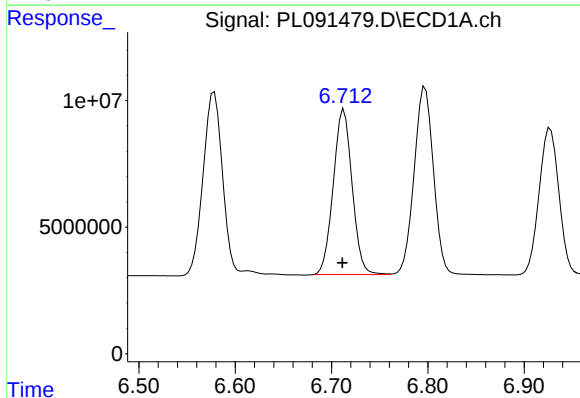
R.T.: 6.797 min  
Delta R.T.: 0.001 min  
Response: 103771728  
Conc: 51.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



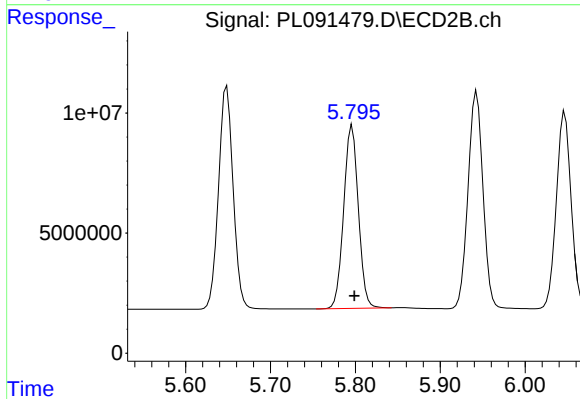
#15 Endosulfan II

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 109670734  
Conc: 56.69 ng/ml



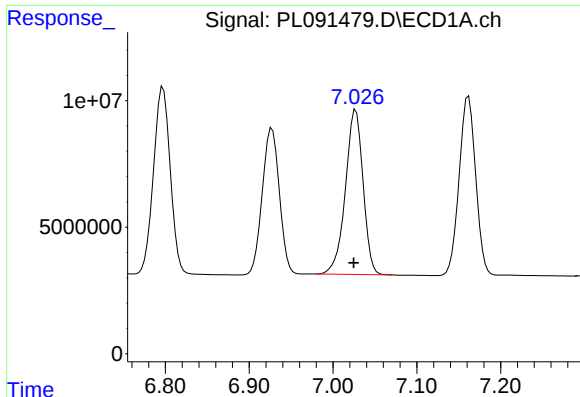
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.002 min  
Response: 88877195  
Conc: 58.81 ng/ml



#16 4,4'-DDD

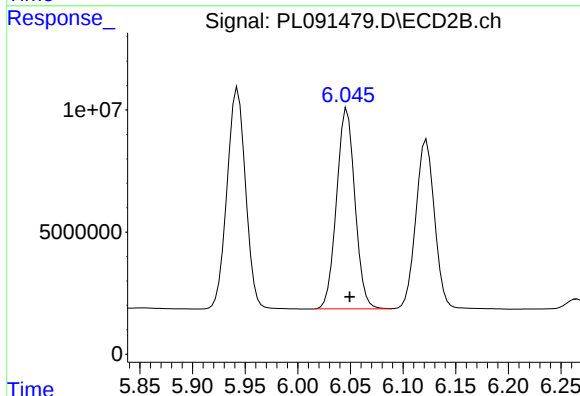
R.T.: 5.796 min  
Delta R.T.: -0.002 min  
Response: 91245156  
Conc: 55.27 ng/ml



#17 4,4'-DDT

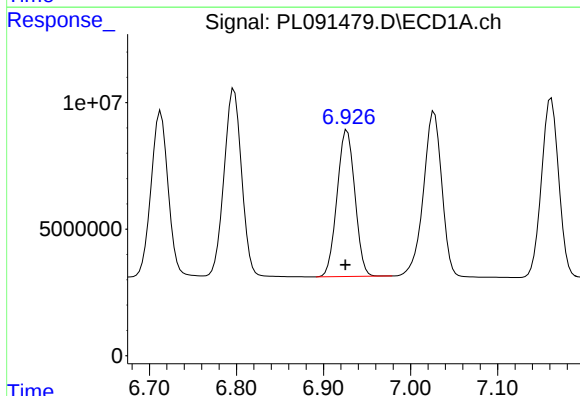
R.T.: 7.027 min  
Delta R.T.: 0.002 min  
Response: 95511034  
Conc: 53.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



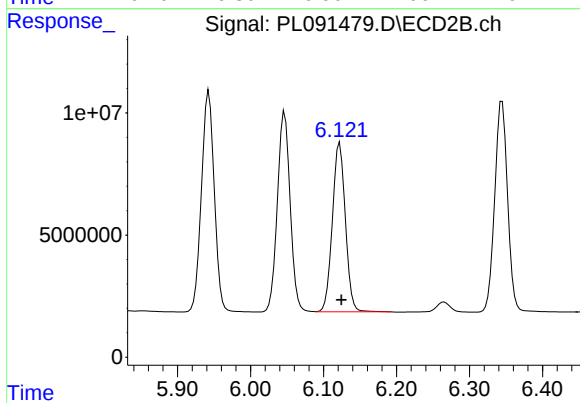
#17 4,4'-DDT

R.T.: 6.047 min  
Delta R.T.: -0.003 min  
Response: 99786587  
Conc: 56.17 ng/ml



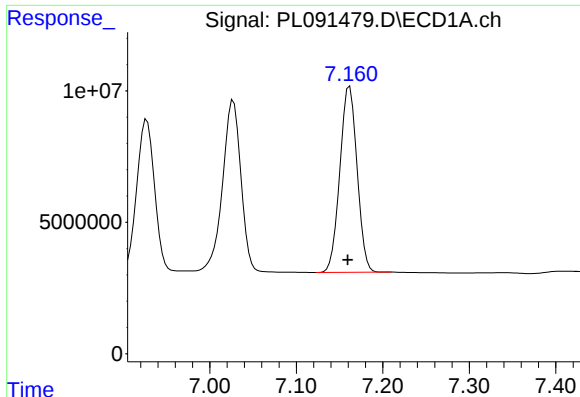
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.002 min  
Response: 82315072  
Conc: 51.56 ng/ml



#18 Endrin aldehyde

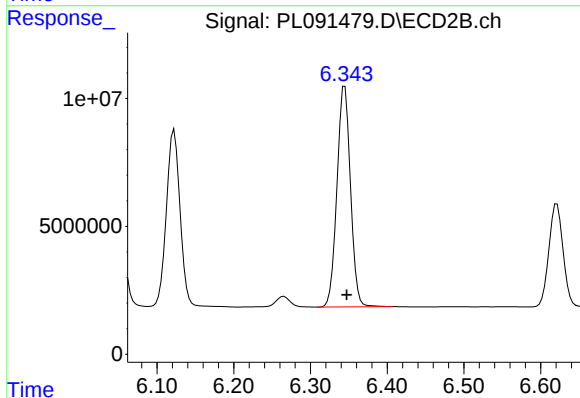
R.T.: 6.122 min  
Delta R.T.: -0.002 min  
Response: 85683847  
Conc: 55.01 ng/ml



#19 Endosulfan Sulfate

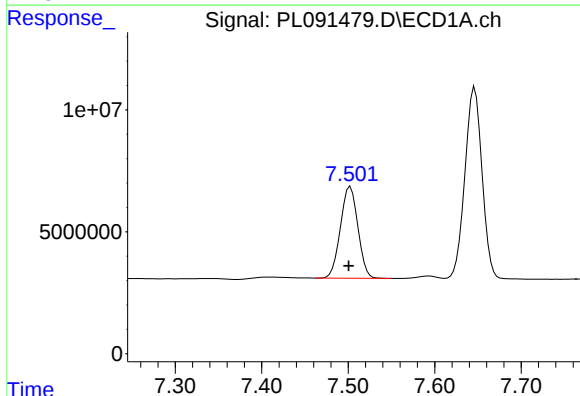
R.T.: 7.162 min  
Delta R.T.: 0.002 min  
Response: 97319287  
Conc: 50.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



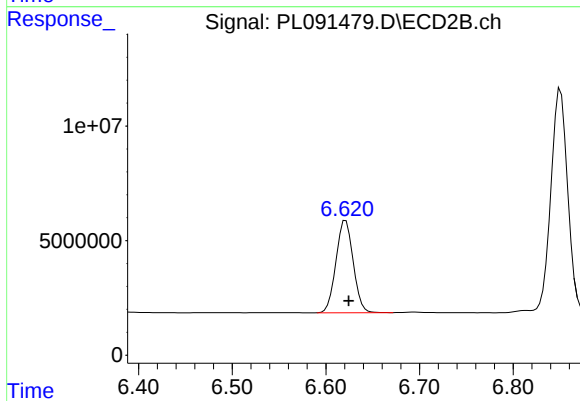
#19 Endosulfan Sulfate

R.T.: 6.345 min  
Delta R.T.: -0.003 min  
Response: 105707521  
Conc: 54.83 ng/ml



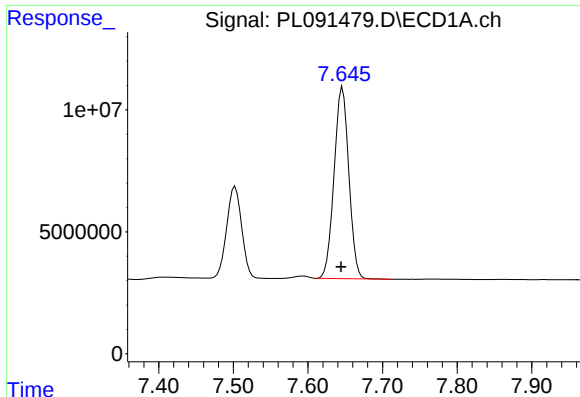
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.002 min  
Response: 52413356  
Conc: 55.74 ng/ml



#20 Methoxychlor

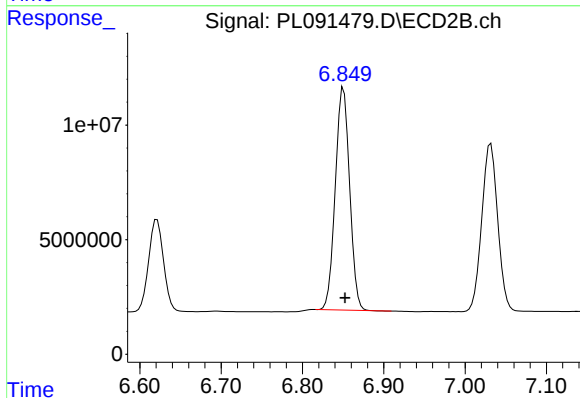
R.T.: 6.621 min  
Delta R.T.: -0.003 min  
Response: 51546471  
Conc: 51.91 ng/ml



#21 Endrin ketone

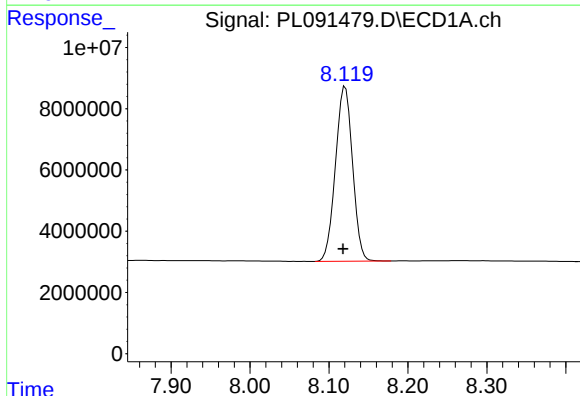
R.T.: 7.646 min  
Delta R.T.: 0.002 min  
Response: 107732095  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



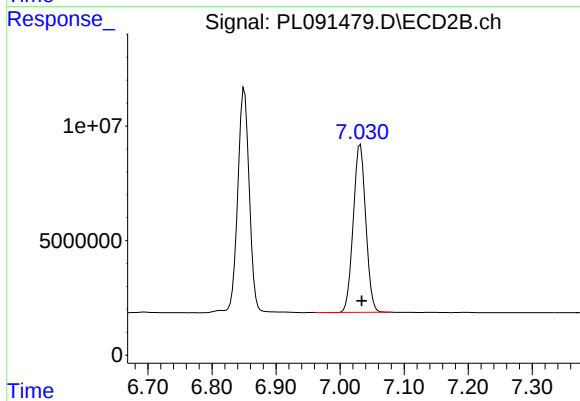
#21 Endrin ketone

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 118973265  
Conc: 54.63 ng/ml



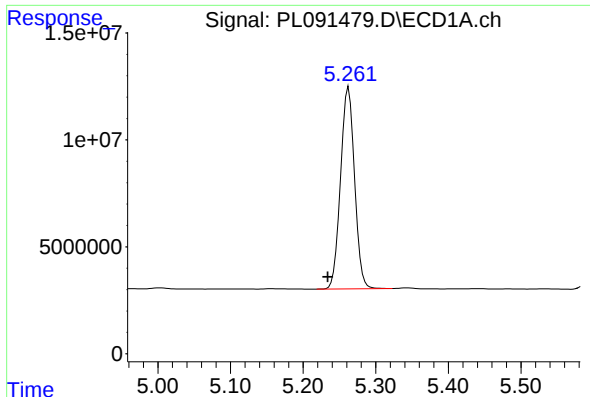
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.003 min  
Response: 85767475  
Conc: 50.42 ng/ml



#22 Mirex

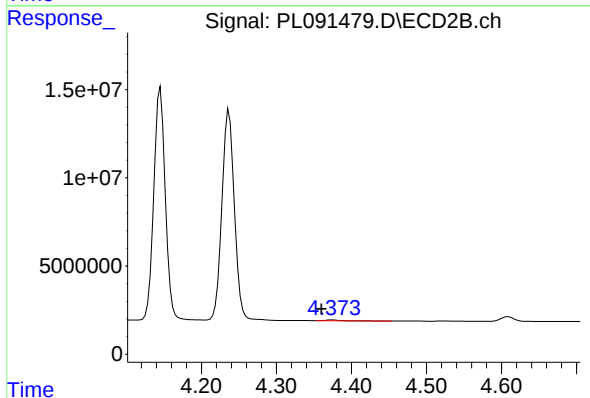
R.T.: 7.032 min  
Delta R.T.: -0.002 min  
Response: 99305962  
Conc: 53.21 ng/ml



#24 Chlordane-2

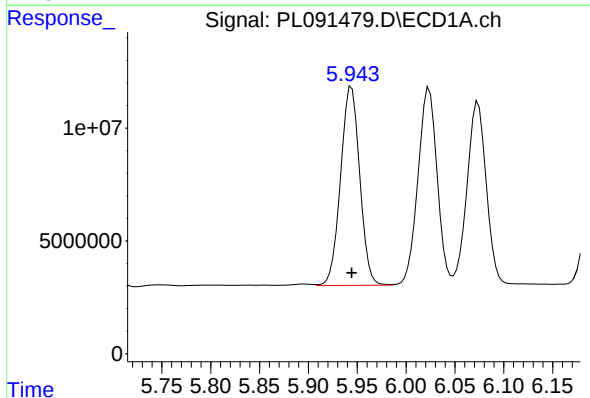
R.T.: 5.263 min  
Delta R.T.: 0.029 min  
Response: 126374506  
Conc: 1244.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



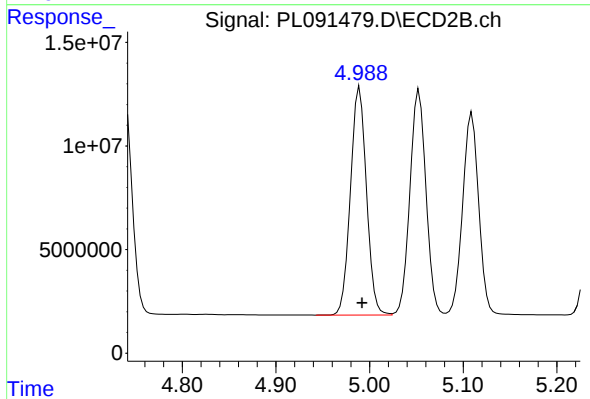
#24 Chlordane-2

R.T.: 4.375 min  
Delta R.T.: 0.014 min  
Response: 842344  
Conc: 8.97 ng/ml



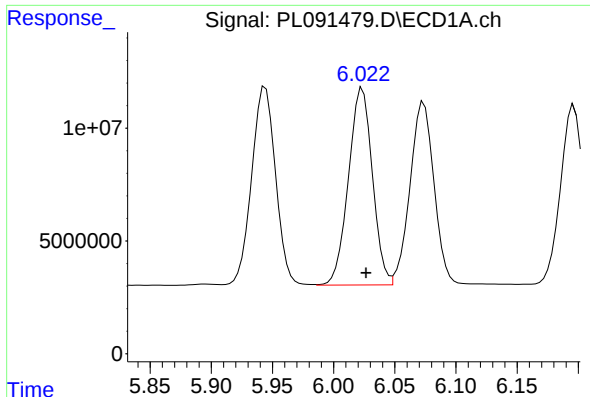
#25 Chlordane-3

R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 120391709  
Conc: 346.63 ng/ml



#25 Chlordane-3

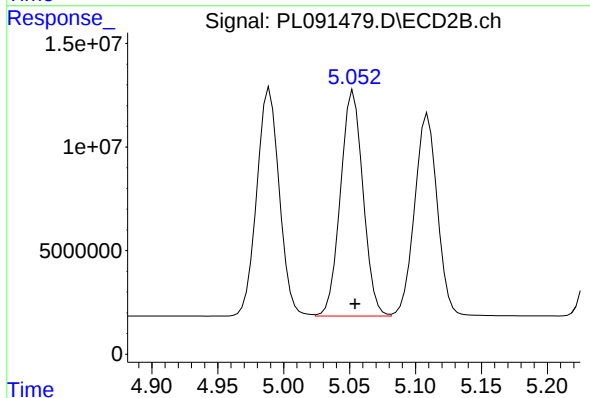
R.T.: 4.989 min  
Delta R.T.: -0.002 min  
Response: 130765401  
Conc: 538.49 ng/ml



#26 Chlordane-4

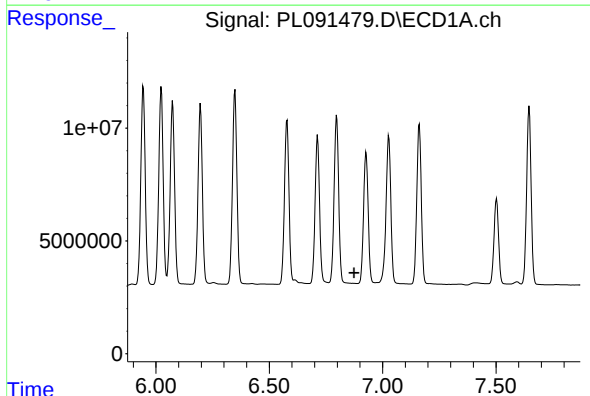
R.T.: 6.024 min  
Delta R.T.: -0.003 min  
Response: 119077416  
Conc: 283.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



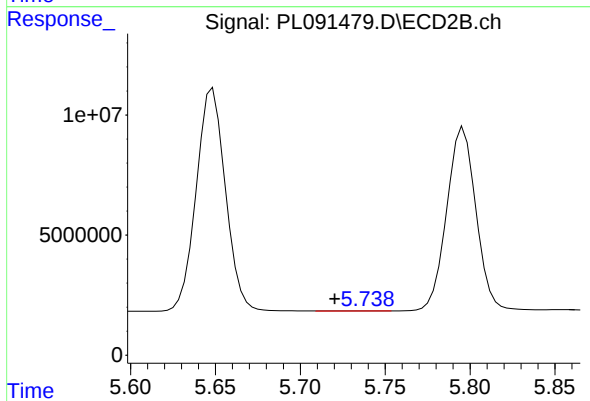
#26 Chlordane-4

R.T.: 5.053 min  
Delta R.T.: -0.001 min  
Response: 129448046  
Conc: 555.17 ng/ml



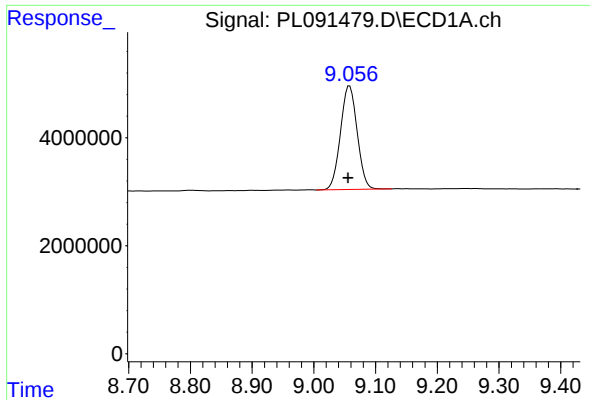
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.875 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

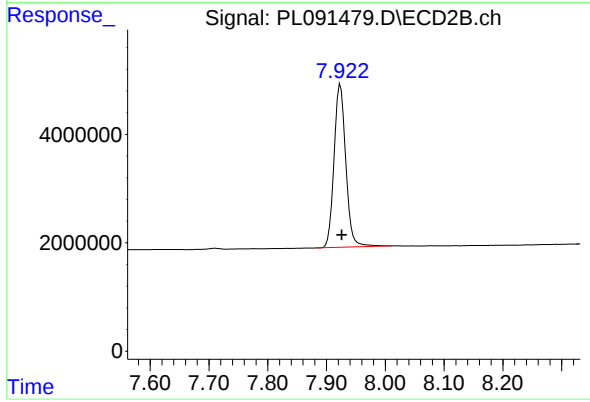
R.T.: 5.739 min  
Delta R.T.: 0.019 min  
Response: 100133  
Conc: 1.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: 0.003 min  
Response: 35986702  
Conc: 23.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163105BS



#28 Decachlorobiphenyl

R.T.: 7.924 min  
Delta R.T.: -0.002 min  
Response: 41766708  
Conc: 22.05 ng/ml