

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061225\  
 Data File : PL096032.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Jun 2025 18:19  
 Operator : AR\AJ  
 Sample : Q2296-13MSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-4MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 12 22:53:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061125.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 11 14:04:36 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... | 3.571 | 2.883 | 77360310 | 64825541 | 23.808  | 15.972 #  |
| 28)                         | SA Decachlor... | 9.113 | 8.065 | 41672438 | 81279235 | 17.048  | 17.095    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.023 | 3.392 | 234.1E6  | 293.8E6  | 46.860  | 48.162    |
| 3)                          | MA gamma-BHC... | 4.354 | 3.725 | 217.5E6  | 278.3E6  | 46.630  | 47.865    |
| 4)                          | MA Heptachlor   | 4.951 | 4.078 | 187.8E6  | 272.0E6  | 45.549  | 47.202    |
| 5)                          | MB Aldrin       | 5.294 | 4.362 | 207.5E6  | 264.4E6  | 46.597  | 48.192    |
| 6)                          | B beta-BHC      | 4.542 | 4.021 | 96010232 | 121.0E6  | 48.459  | 46.971    |
| 7)                          | B delta-BHC     | 4.790 | 4.256 | 213.9E6  | 280.2E6  | 47.009  | 48.453    |
| 8)                          | B Heptachlo...  | 5.715 | 4.864 | 184.8E6  | 246.8E6  | 46.851  | 48.088    |
| 9)                          | A Endosulfan I  | 6.098 | 5.237 | 174.1E6  | 242.1E6  | 46.568  | 43.766    |
| 10)                         | B gamma-Chl...  | 5.969 | 5.117 | 186.5E6  | 262.0E6  | 46.133  | 48.185    |
| 11)                         | B alpha-Chl...  | 6.050 | 5.181 | 187.0E6  | 261.5E6  | 46.405  | 45.888    |
| 12)                         | B 4,4'-DDE      | 6.222 | 5.369 | 175.0E6  | 258.4E6  | 47.054  | 47.693    |
| 13)                         | MA Dieldrin     | 6.372 | 5.503 | 187.2E6  | 261.6E6  | 46.962  | 48.215    |
| 14)                         | MA Endrin       | 6.600 | 5.778 | 152.1E6  | 237.9E6  | 48.010  | 50.092    |
| 15)                         | B Endosulfa...  | 6.813 | 6.070 | 155.2E6  | 236.0E6  | 44.664  | 47.916    |
| 16)                         | A 4,4'-DDD      | 6.733 | 5.924 | 141.5E6  | 217.5E6  | 47.051  | 47.522    |
| 17)                         | MA 4,4'-DDT     | 7.048 | 6.178 | 132.0E6  | 229.5E6  | 46.377  | 48.688    |
| 18)                         | B Endrin al...  | 6.942 | 6.249 | 115.9E6  | 174.1E6  | 46.760  | 47.447    |
| 19)                         | B Endosulfa...  | 7.177 | 6.473 | 141.7E6  | 215.7E6  | 45.814  | 45.995    |
| 20)                         | A Methoxychlor  | 7.524 | 6.750 | 66144759 | 121.9E6  | 46.196  | 47.370    |
| 21)                         | B Endrin ke...  | 7.659 | 6.979 | 152.0E6  | 260.3E6  | 45.295  | 47.045    |
| 22)                         | Mirex           | 8.141 | 7.172 | 114.7E6  | 202.7E6  | 45.450  | 46.461    |
| 25)                         | Chlordane-3     | 5.969 | 5.117 | 186.5E6  | 262.0E6  | 255.580 | 376.630 # |
| 26)                         | Chlordane-4     | 6.050 | 5.181 | 187.0E6  | 261.5E6  | 216.159 | 427.273 # |
| 27)                         | Chlordane-5     | 0.000 | 6.070 | 0        | 236.0E6  | N.D.    | 917.461 # |
| -----                       |                 |       |       |          |          |         |           |

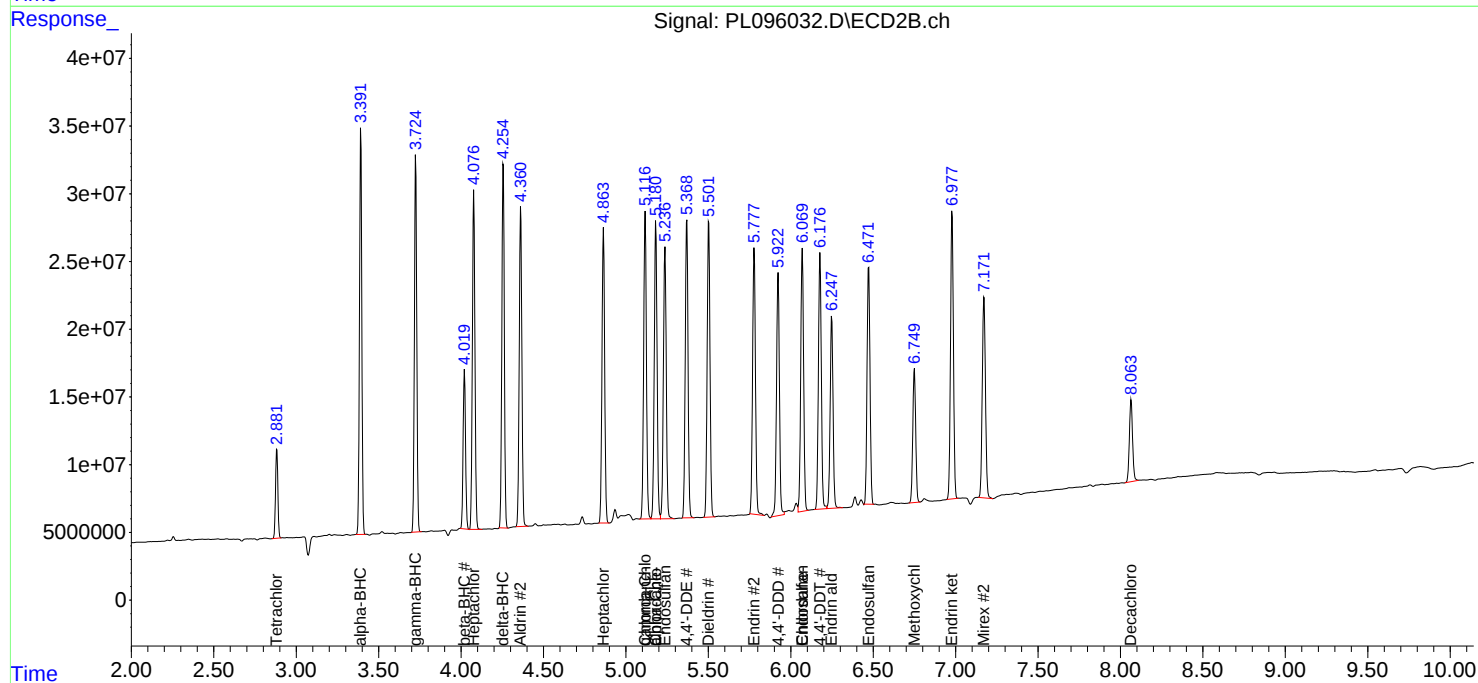
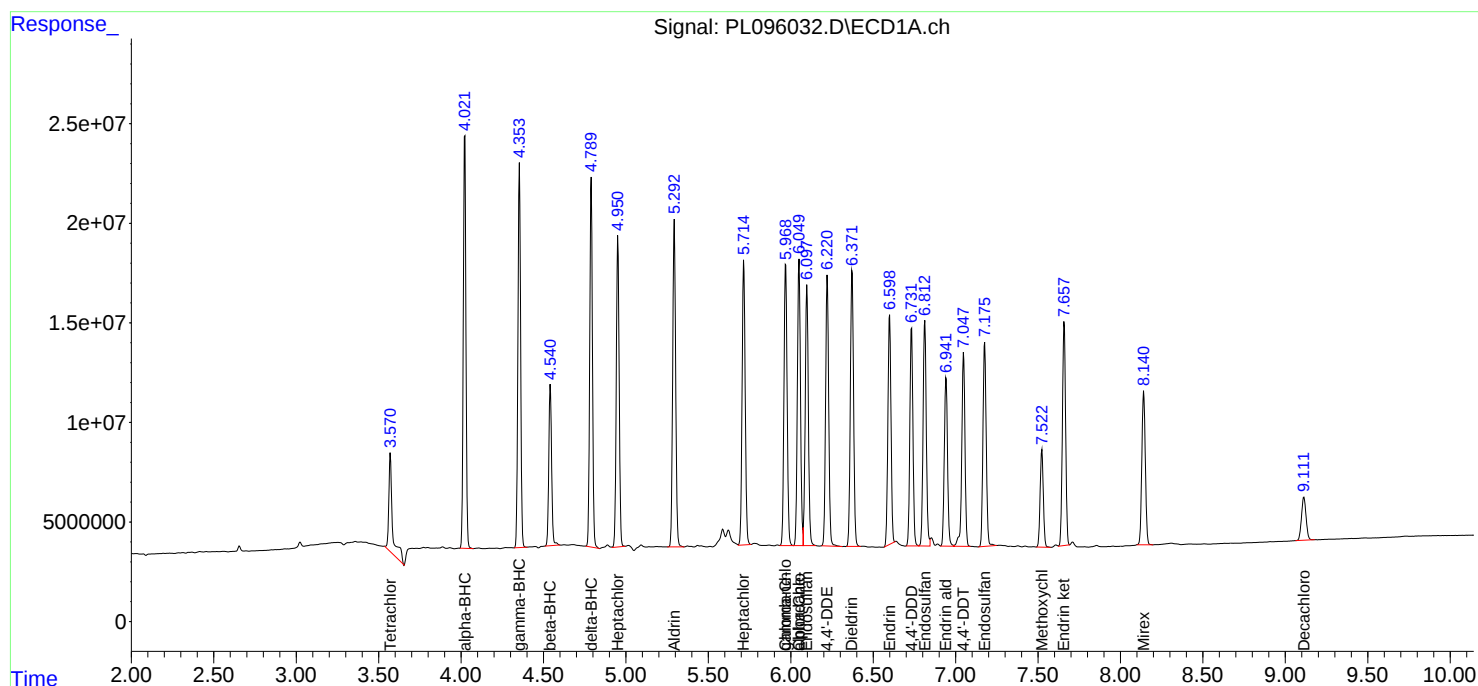
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

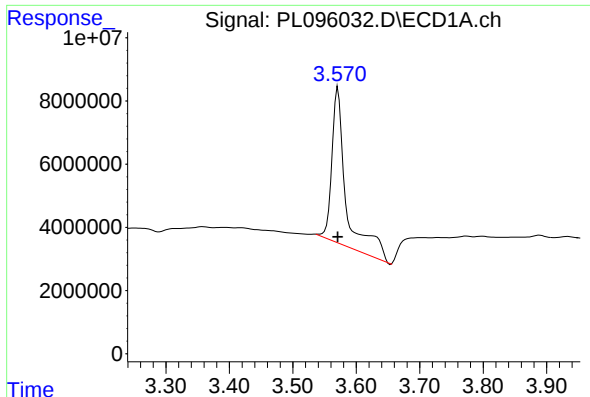
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061225\  
Data File : PL096032.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Jun 2025 18:19  
Operator : AR\AJ  
Sample : Q2296-13MSD  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 12 22:53:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061125.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 11 14:04:36 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

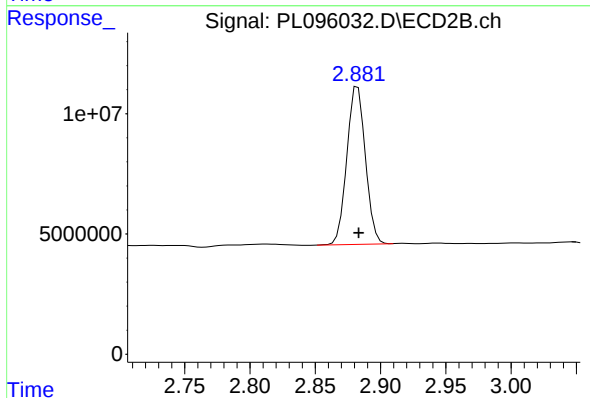




#1 Tetrachloro-m-xylene

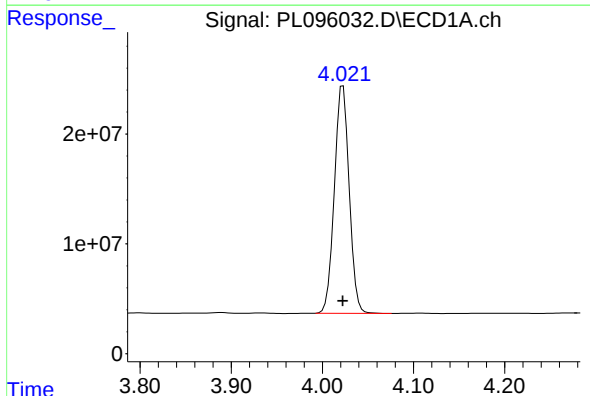
R.T.: 3.571 min  
Delta R.T.: 0.000 min  
Response: 77360310  
Conc: 23.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



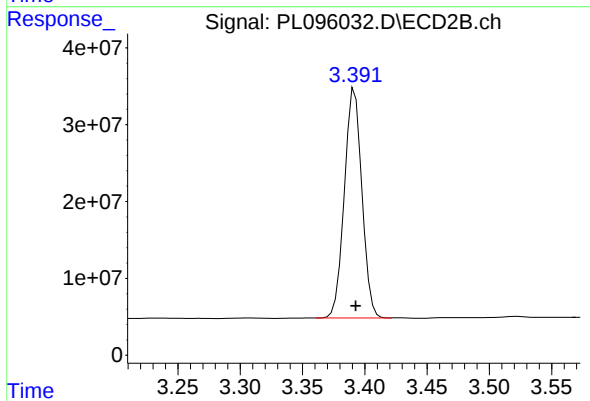
#1 Tetrachloro-m-xylene

R.T.: 2.883 min  
Delta R.T.: 0.000 min  
Response: 64825541  
Conc: 15.97 ng/ml



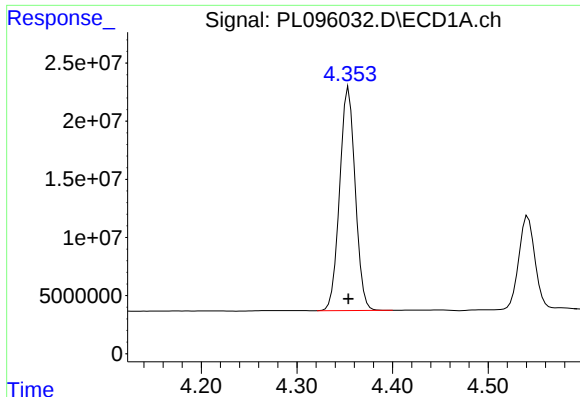
#2 alpha-BHC

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 234072943  
Conc: 46.86 ng/ml



#2 alpha-BHC

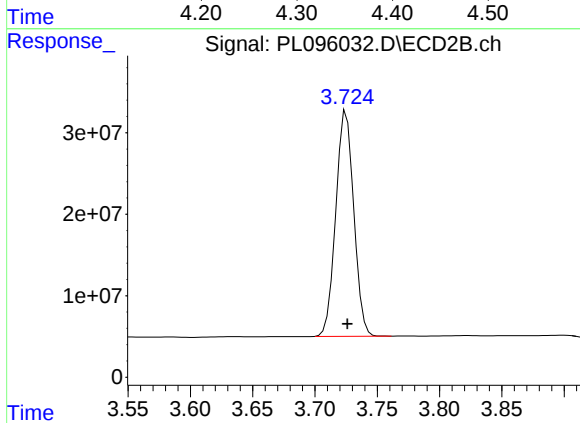
R.T.: 3.392 min  
Delta R.T.: 0.000 min  
Response: 293796822  
Conc: 48.16 ng/ml



#3 gamma-BHC (Lindane)

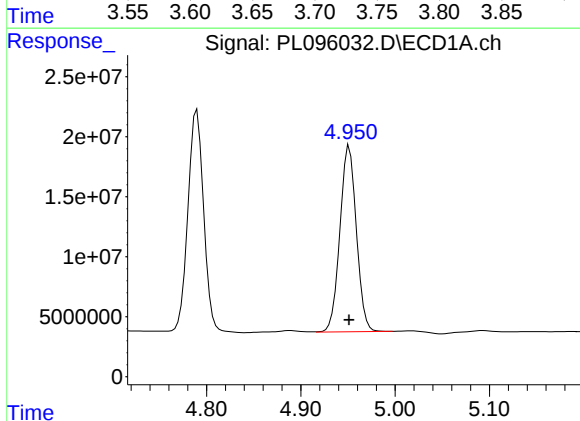
R.T.: 4.354 min  
Delta R.T.: 0.000 min  
Response: 217504596  
Conc: 46.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



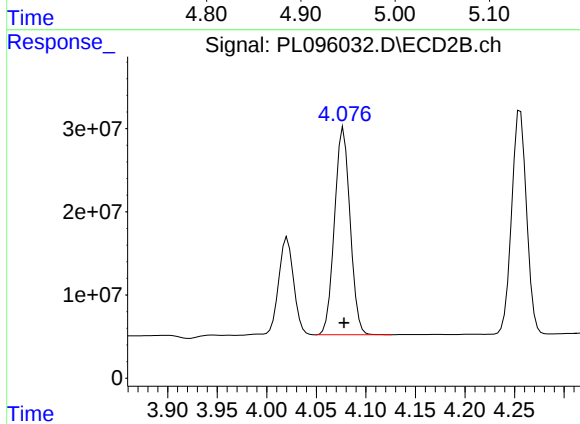
#3 gamma-BHC (Lindane)

R.T.: 3.725 min  
Delta R.T.: 0.000 min  
Response: 278294115  
Conc: 47.86 ng/ml



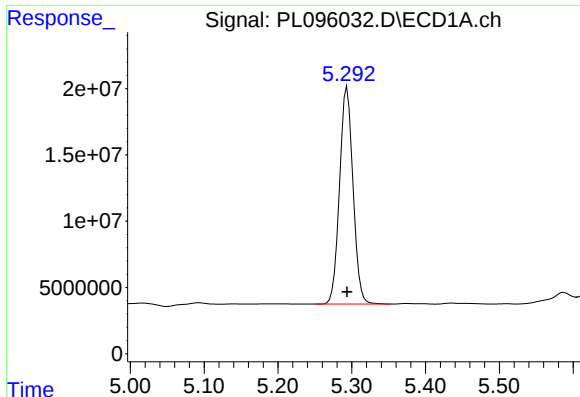
#4 Heptachlor

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 187782867  
Conc: 45.55 ng/ml



#4 Heptachlor

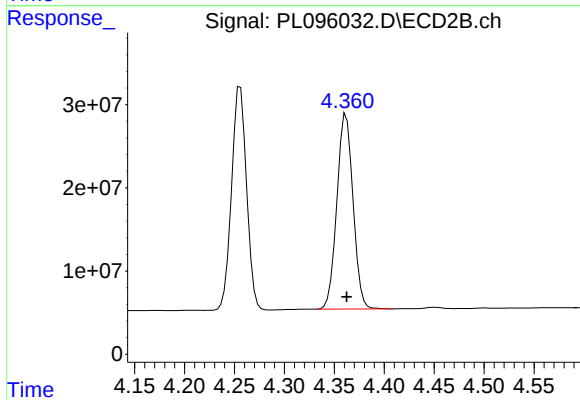
R.T.: 4.078 min  
Delta R.T.: 0.000 min  
Response: 272009855  
Conc: 47.20 ng/ml



#5 Aldrin

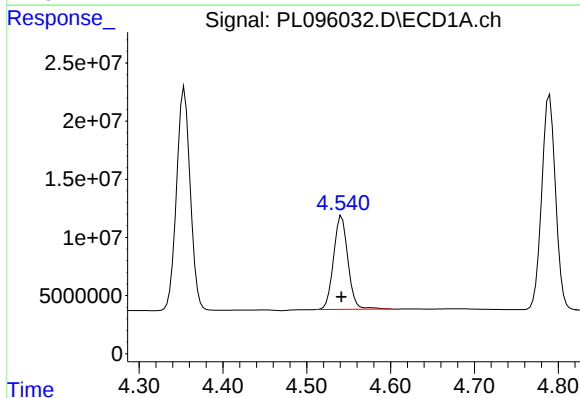
R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 207517367  
Conc: 46.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



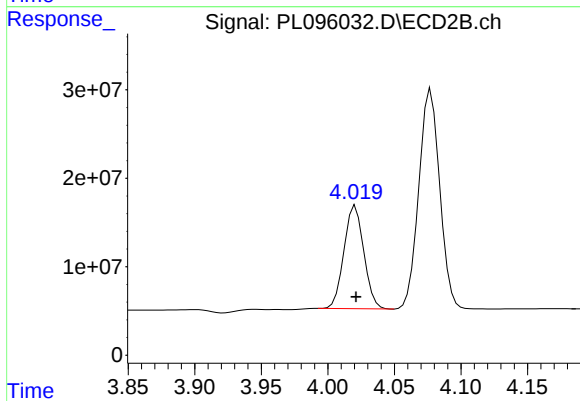
#5 Aldrin

R.T.: 4.362 min  
Delta R.T.: 0.000 min  
Response: 264369571  
Conc: 48.19 ng/ml



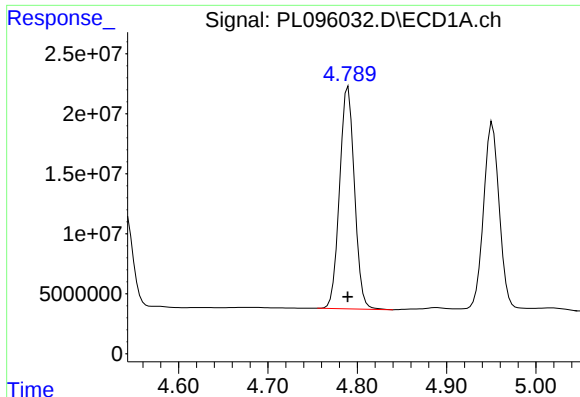
#6 beta-BHC

R.T.: 4.542 min  
Delta R.T.: 0.000 min  
Response: 96010232  
Conc: 48.46 ng/ml



#6 beta-BHC

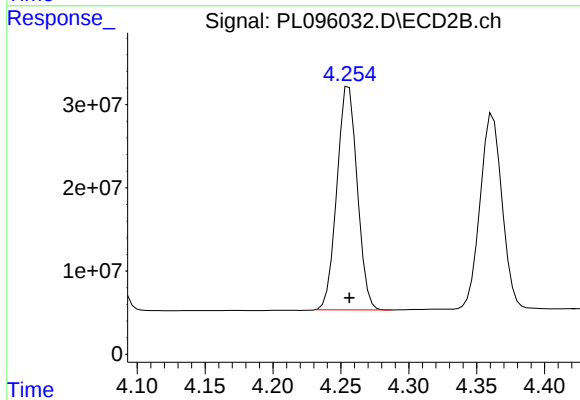
R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 120958188  
Conc: 46.97 ng/ml



#7 delta-BHC

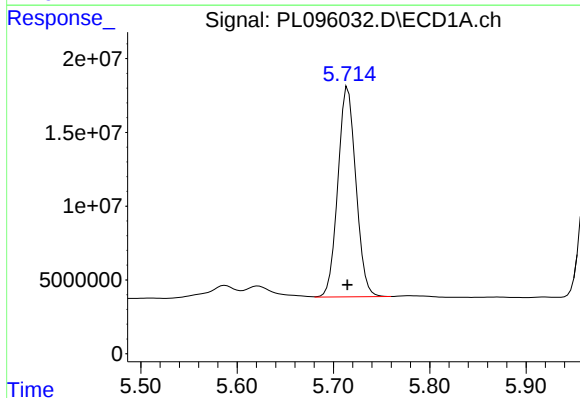
R.T.: 4.790 min  
Delta R.T.: 0.000 min  
Response: 213858656  
Conc: 47.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



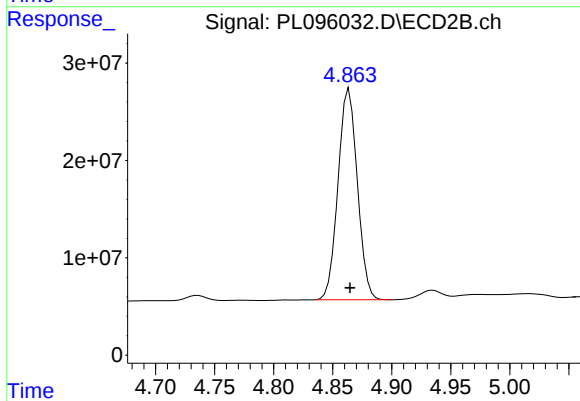
#7 delta-BHC

R.T.: 4.256 min  
Delta R.T.: 0.000 min  
Response: 280223847  
Conc: 48.45 ng/ml



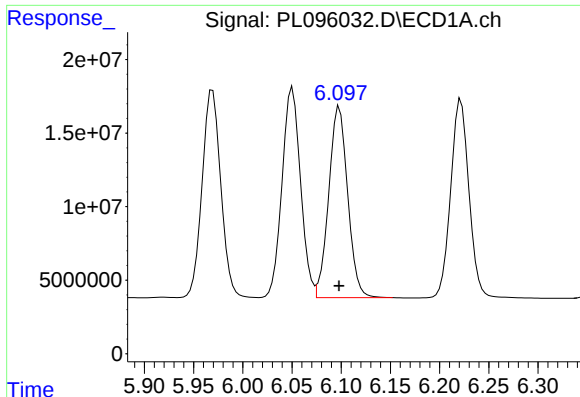
#8 Heptachlor epoxide

R.T.: 5.715 min  
Delta R.T.: 0.000 min  
Response: 184806583  
Conc: 46.85 ng/ml



#8 Heptachlor epoxide

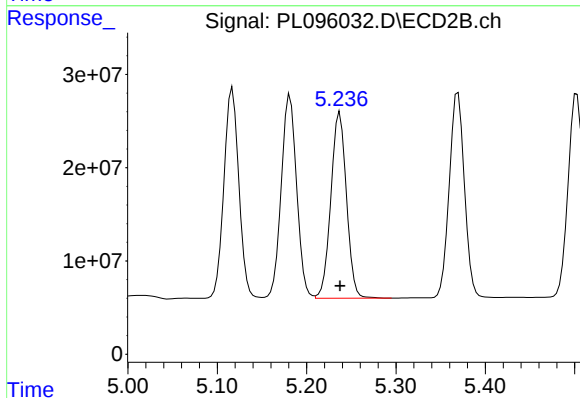
R.T.: 4.864 min  
Delta R.T.: 0.000 min  
Response: 246806725  
Conc: 48.09 ng/ml



#9 Endosulfan I

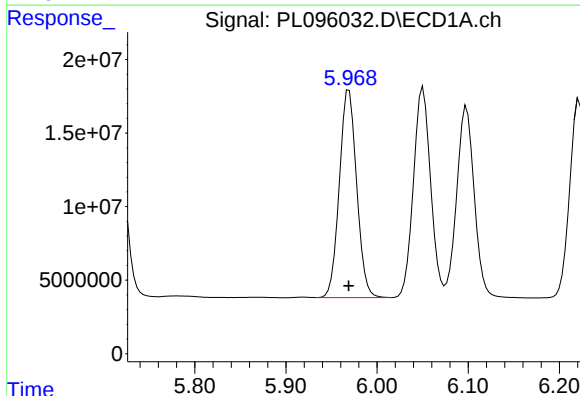
R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 174086201  
Conc: 46.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



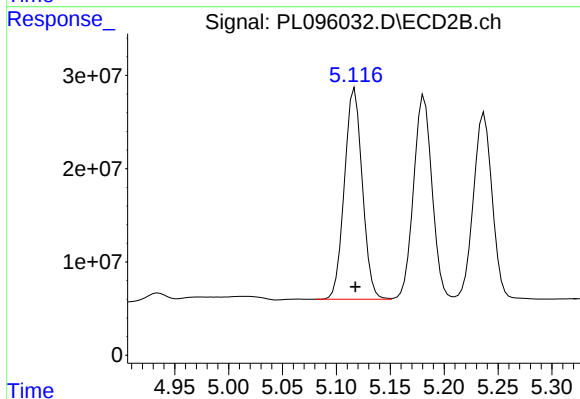
#9 Endosulfan I

R.T.: 5.237 min  
Delta R.T.: 0.000 min  
Response: 242135456  
Conc: 43.77 ng/ml



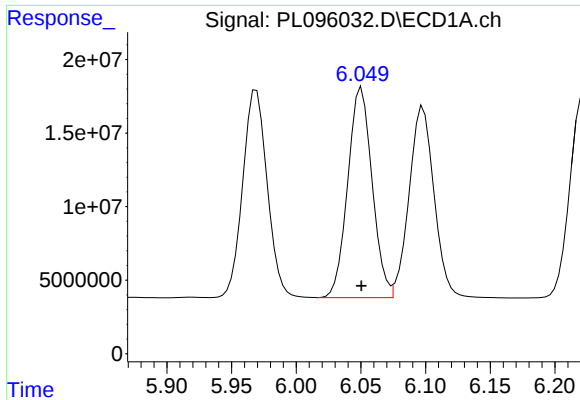
#10 gamma-Chlordane

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 186485486  
Conc: 46.13 ng/ml



#10 gamma-Chlordane

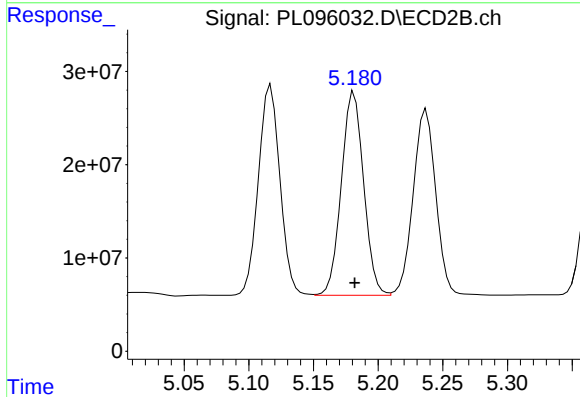
R.T.: 5.117 min  
Delta R.T.: 0.000 min  
Response: 261987975  
Conc: 48.18 ng/ml



#11 alpha-Chlordane

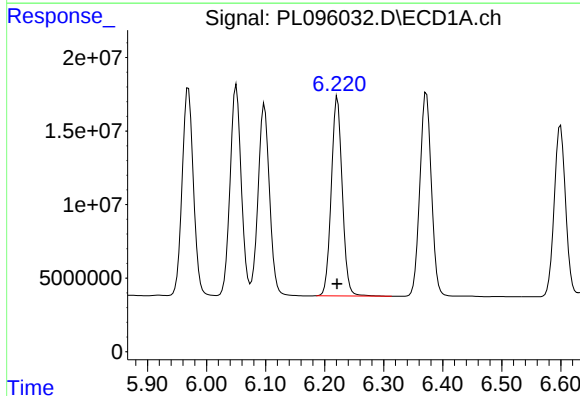
R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 186998606  
Conc: 46.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



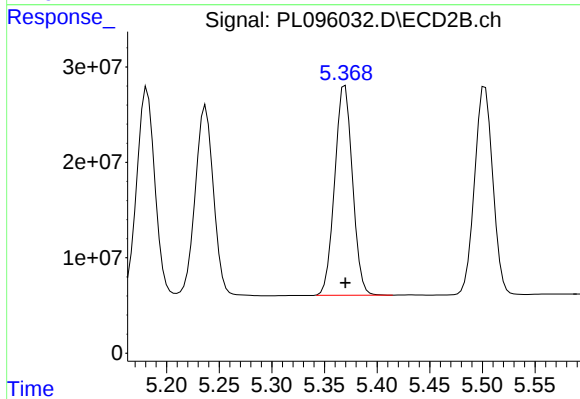
#11 alpha-Chlordane

R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 261528921  
Conc: 45.89 ng/ml



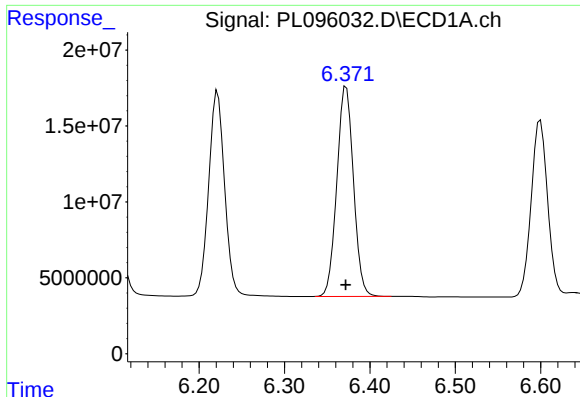
#12 4,4'-DDE

R.T.: 6.222 min  
Delta R.T.: 0.000 min  
Response: 175049502  
Conc: 47.05 ng/ml



#12 4,4'-DDE

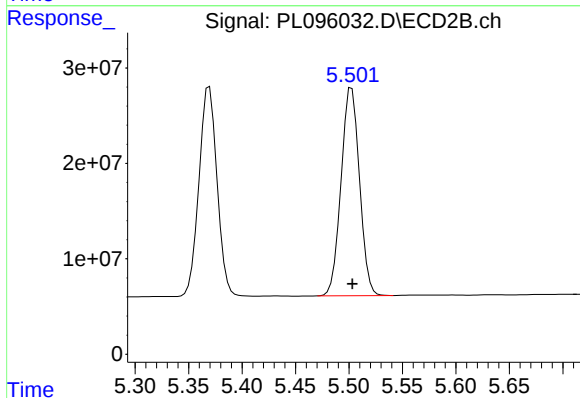
R.T.: 5.369 min  
Delta R.T.: 0.000 min  
Response: 258389431  
Conc: 47.69 ng/ml



#13 Dieldrin

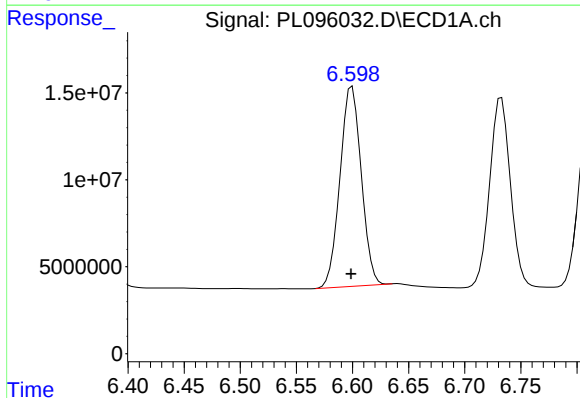
R.T.: 6.372 min  
Delta R.T.: 0.000 min  
Response: 187164493  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



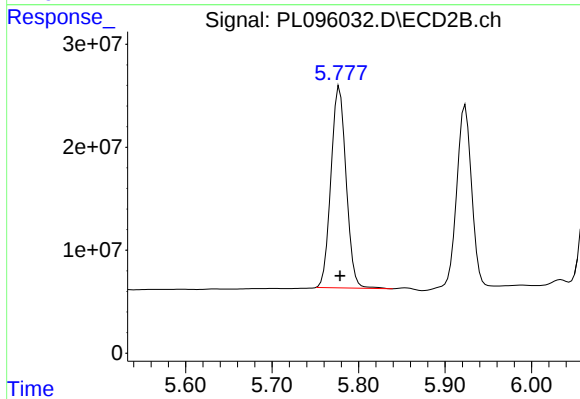
#13 Dieldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 261639479  
Conc: 48.22 ng/ml



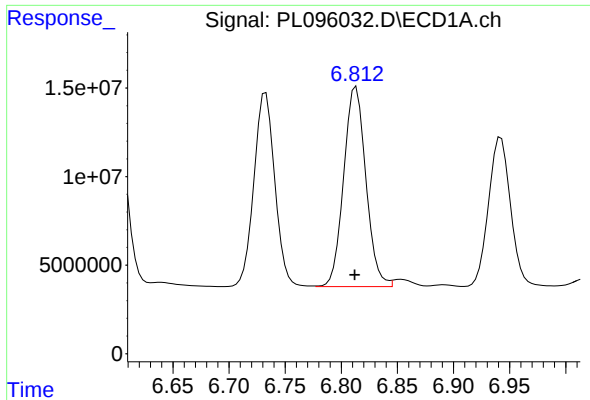
#14 Endrin

R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 152060091  
Conc: 48.01 ng/ml



#14 Endrin

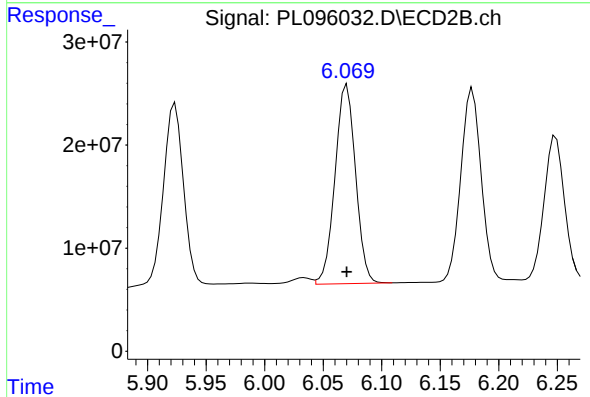
R.T.: 5.778 min  
Delta R.T.: 0.000 min  
Response: 237909887  
Conc: 50.09 ng/ml



#15 Endosulfan II

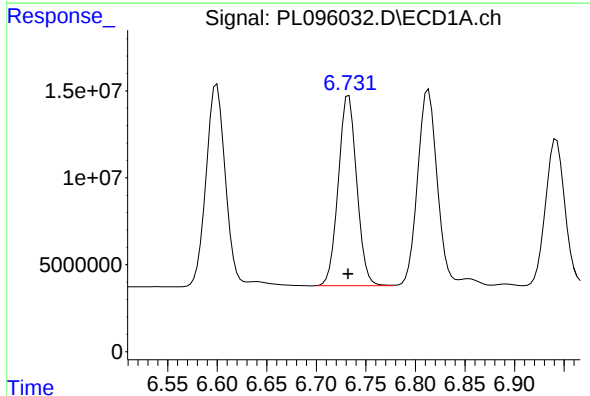
R.T.: 6.813 min  
Delta R.T.: 0.001 min  
Response: 155225567  
Conc: 44.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



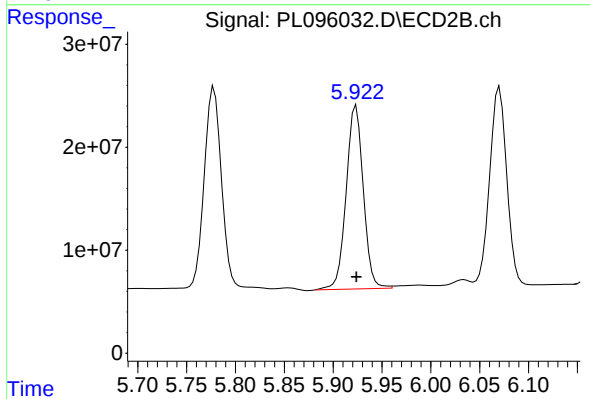
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: 0.000 min  
Response: 235999072  
Conc: 47.92 ng/ml



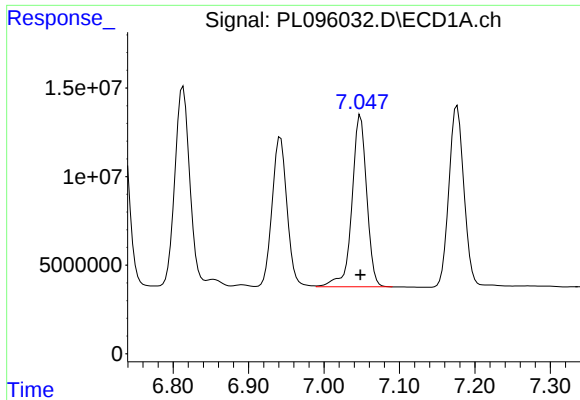
#16 4,4'-DDD

R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 141469979  
Conc: 47.05 ng/ml



#16 4,4'-DDD

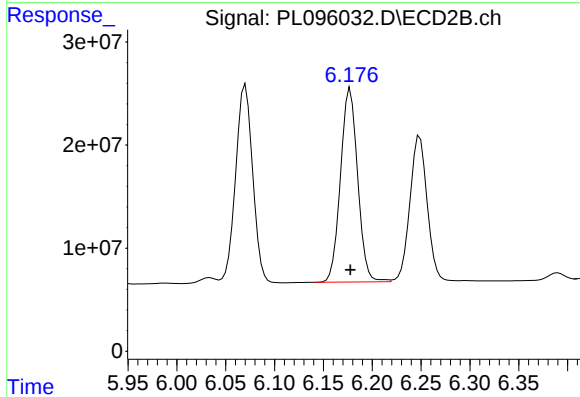
R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 217485247  
Conc: 47.52 ng/ml



#17 4,4'-DDT

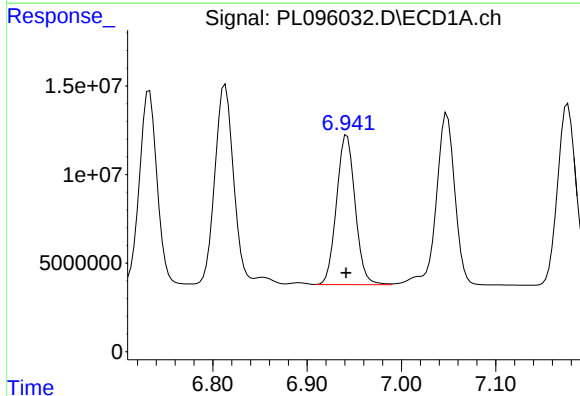
R.T.: 7.048 min  
Delta R.T.: 0.000 min  
Response: 132013024  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



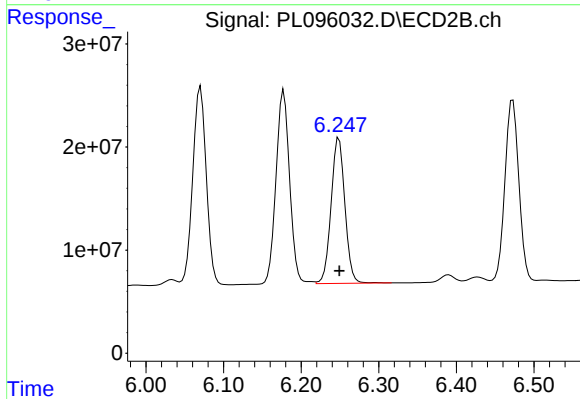
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: 0.000 min  
Response: 229482323  
Conc: 48.69 ng/ml



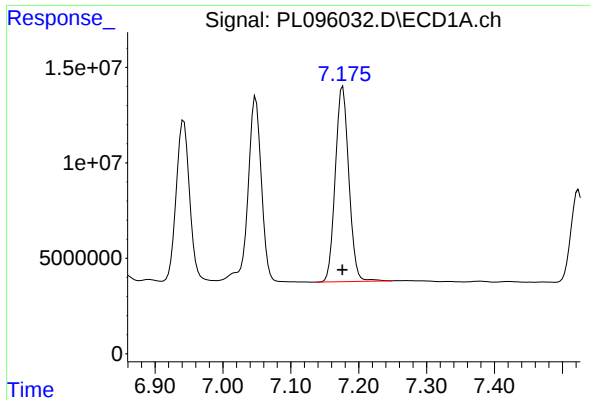
#18 Endrin aldehyde

R.T.: 6.942 min  
Delta R.T.: 0.001 min  
Response: 115895242  
Conc: 46.76 ng/ml



#18 Endrin aldehyde

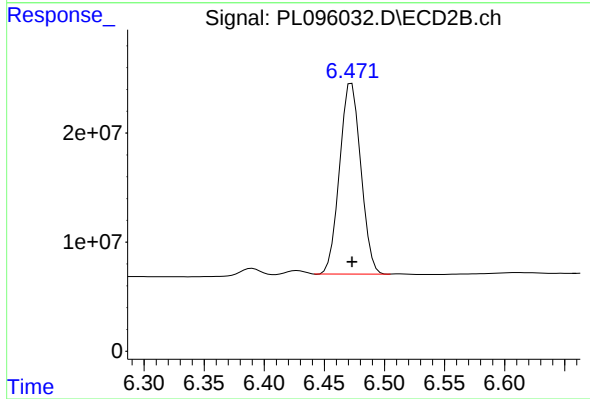
R.T.: 6.249 min  
Delta R.T.: 0.000 min  
Response: 174136395  
Conc: 47.45 ng/ml



#19 Endosulfan Sulfate

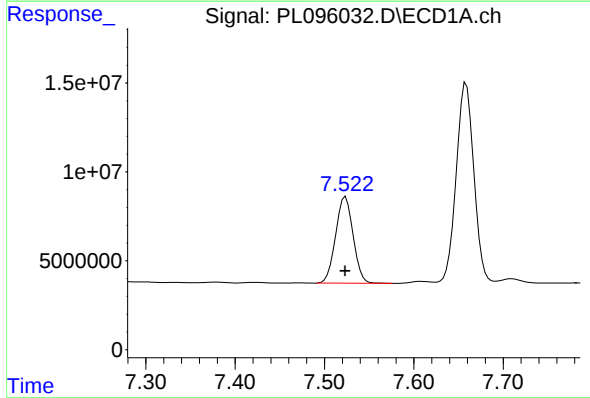
R.T.: 7.177 min  
Delta R.T.: 0.000 min  
Response: 141694737  
Conc: 45.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



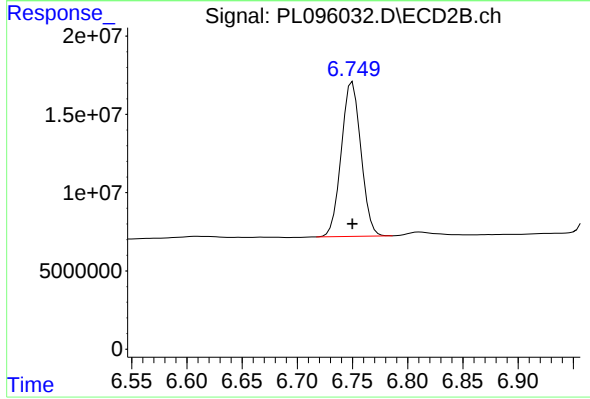
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 215717502  
Conc: 46.00 ng/ml



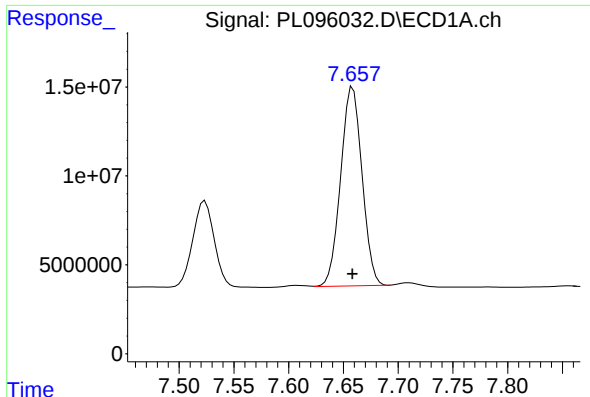
#20 Methoxychlor

R.T.: 7.524 min  
Delta R.T.: 0.000 min  
Response: 66144759  
Conc: 46.20 ng/ml



#20 Methoxychlor

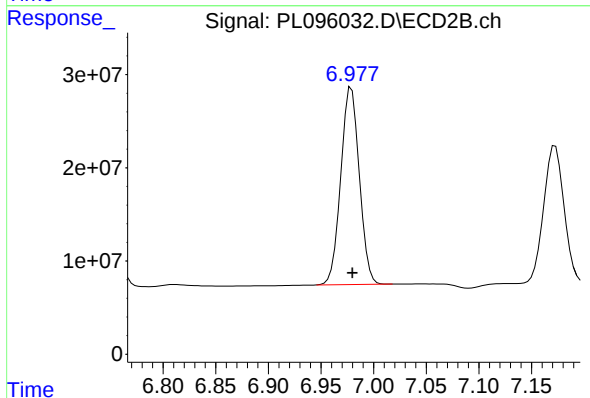
R.T.: 6.750 min  
Delta R.T.: 0.000 min  
Response: 121919363  
Conc: 47.37 ng/ml



#21 Endrin ketone

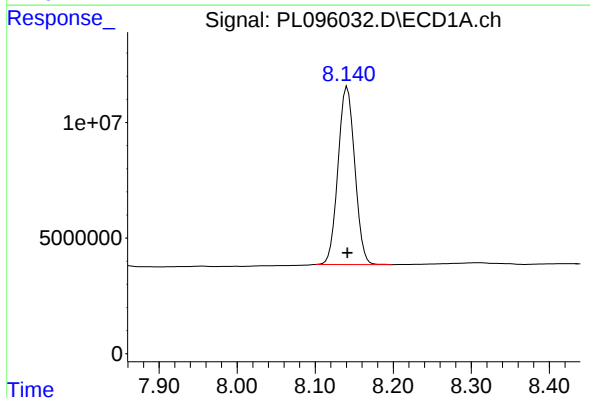
R.T.: 7.659 min  
Delta R.T.: 0.000 min  
Response: 151973219  
Conc: 45.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



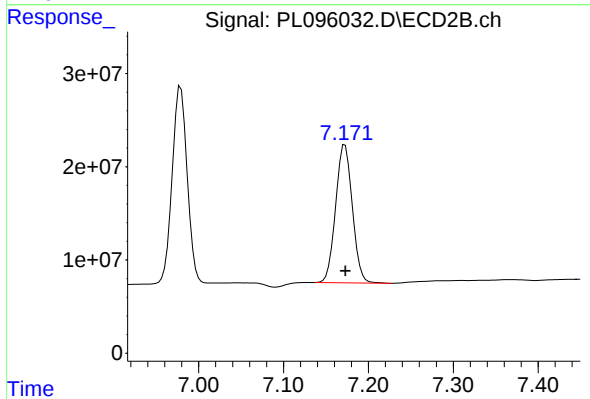
#21 Endrin ketone

R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 260291604  
Conc: 47.05 ng/ml



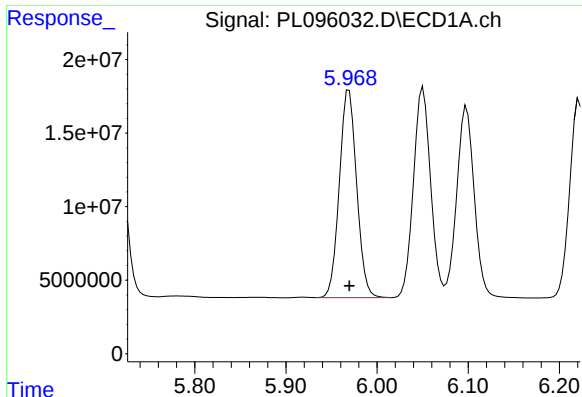
#22 Mirex

R.T.: 8.141 min  
Delta R.T.: 0.000 min  
Response: 114669638  
Conc: 45.45 ng/ml



#22 Mirex

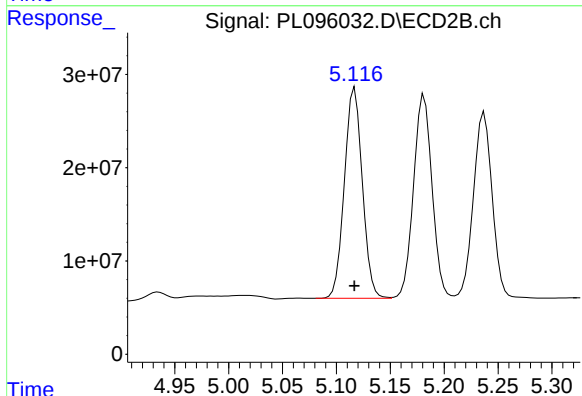
R.T.: 7.172 min  
Delta R.T.: 0.000 min  
Response: 202693370  
Conc: 46.46 ng/ml



#25 Chlordane-3

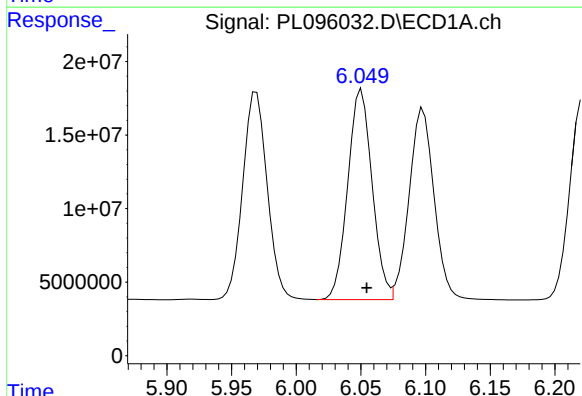
R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 186485486  
Conc: 255.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



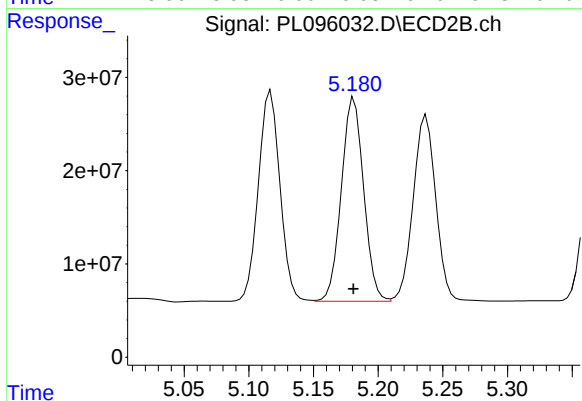
#25 Chlordane-3

R.T.: 5.117 min  
Delta R.T.: 0.000 min  
Response: 261987975  
Conc: 376.63 ng/ml



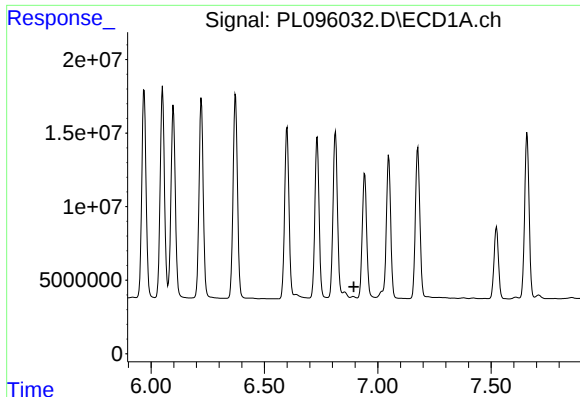
#26 Chlordane-4

R.T.: 6.050 min  
Delta R.T.: -0.004 min  
Response: 186998606  
Conc: 216.16 ng/ml



#26 Chlordane-4

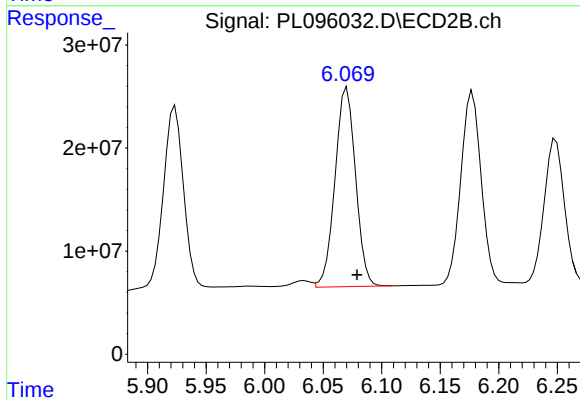
R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 261528921  
Conc: 427.27 ng/ml



#27 Chlordane-5

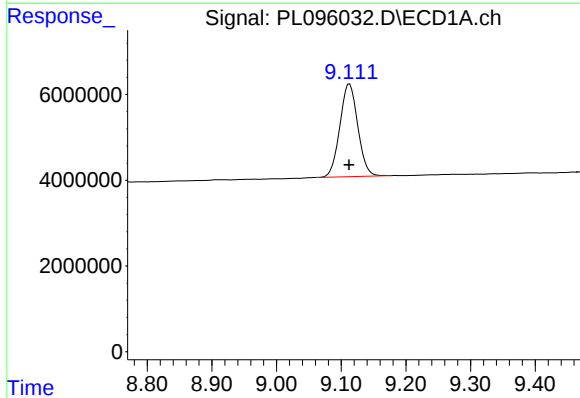
R.T.: 0.000 min  
Exp R.T.: 6.894 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD



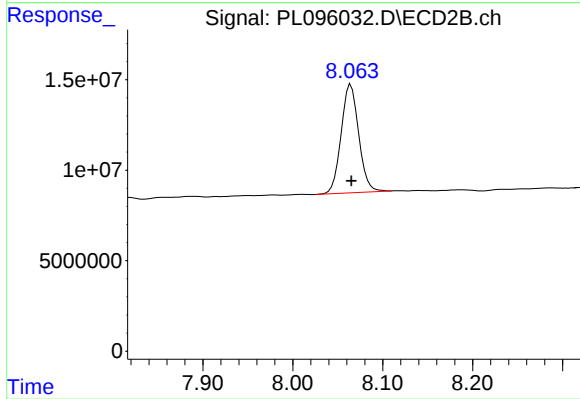
#27 Chlordane-5

R.T.: 6.070 min  
Delta R.T.: -0.008 min  
Response: 235999072  
Conc: 917.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: 0.000 min  
Response: 41672438  
Conc: 17.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.000 min  
Response: 81279235  
Conc: 17.10 ng/ml