

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060920\  
 Data File : PL059188.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jun 2020 12:28  
 Operator : AJ\MA  
 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: Jun 09 15:00:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 2020  
 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... | 3.520 | 4.072  | 92993771 | 129.6E6  | 53.852   | 49.807     |
| 28)                         | SA Decachlor... | 8.294 | 9.182  | 80485768 | 110.1E6  | 48.946   | 46.455     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.962 | 4.464  | 136.7E6  | 190.1E6  | 54.618   | 49.459     |
| 3)                          | MA gamma-BHC... | 4.247 | 4.752  | 118.8E6  | 178.5E6  | 54.180   | 48.910     |
| 4)                          | MA Heptachlor   | 4.553 | 5.266  | 107.9E6  | 163.2E6  | 51.861   | 47.332     |
| 5)                          | MB Aldrin       | 4.802 | 5.574  | 94483571 | 151.8E6  | 53.049   | 48.238     |
| 6)                          | B beta-BHC      | 4.496 | 4.920  | 48440221 | 74753019 | 50.979   | 49.433     |
| 7)                          | B delta-BHC     | 4.703 | 5.140  | 107.9E6  | 161.8E6  | 54.204   | 57.679     |
| 8)                          | B Heptachlo...  | 5.246 | 5.961  | 86966934 | 140.9E6  | 50.913   | 50.864     |
| 9)                          | A Endosulfan I  | 5.588 | 6.320  | 77896377 | 131.8E6  | 49.798   | 47.107     |
| 10)                         | B gamma-Chl...  | 5.475 | 6.196  | 83175646 | 143.3E6  | 49.673   | 47.879     |
| 11)                         | B alpha-Chl...  | 5.534 | 6.270  | 82714748 | 143.1E6  | 49.582   | 47.072     |
| 12)                         | B 4,4'-DDE      | 5.697 | 6.424  | 76676661 | 131.2E6  | 50.422   | 47.150     |
| 13)                         | MA Dieldrin     | 5.831 | 6.578  | 82170219 | 136.1E6  | 50.417   | 46.606     |
| 14)                         | MA Endrin       | 6.089 | 6.798  | 72477661 | 110.1E6  | 47.835   | 44.195     |
| 15)                         | B Endosulfa...  | 6.361 | 7.005  | 78085683 | 120.3E6  | 50.522   | 46.179     |
| 16)                         | A 4,4'-DDD      | 6.213 | 6.915  | 69395926 | 110.4E6  | 52.494   | 47.567     |
| 17)                         | MA 4,4'-DDT     | 6.455 | 7.215  | 64291062 | 101.6E6  | 50.966   | 44.631     |
| 18)                         | B Endrin al...  | 6.529 | 7.129  | 66002460 | 104.1E6  | 50.127   | 45.530     |
| 19)                         | B Endosulfa...  | 6.742 | 7.353  | 74835287 | 114.8E6  | 50.234   | 45.811     |
| 20)                         | A Methoxychlor  | 7.000 | 7.672  | 38126434 | 57764026 | 49.635   | 43.806     |
| 21)                         | B Endrin ke...  | 7.234 | 7.826  | 89624064 | 125.9E6  | 51.615   | 48.000     |
| 22)                         | Mirex           | 7.428 | 8.283  | 66914800 | 91175819 | 48.484   | 46.218     |
| 23)                         | Chlordane-1     | 4.395 | 0.000  | 642237   | 0        | 12.768   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.574f | 0        | 151.8E6  | N.D.     | 1591.175 # |
| 25)                         | Chlordane-3     | 5.475 | 6.196  | 83175646 | 143.3E6  | 562.880  | 382.030 #  |
| 26)                         | Chlordane-4     | 5.534 | 6.270  | 82714748 | 143.1E6  | 689.507  | 314.397 #  |
| 27)                         | Chlordane-5     | 6.361 | 0.000  | 78085683 | 0        | 1569.146 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

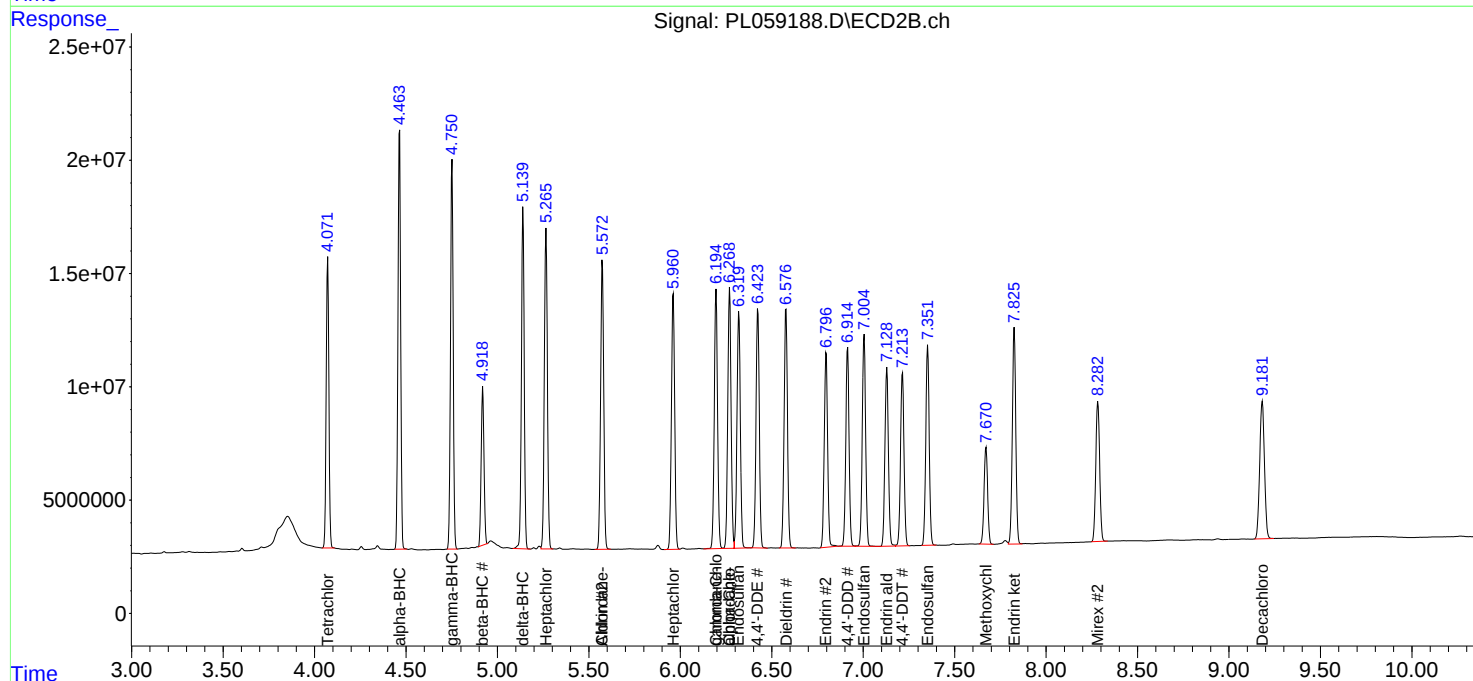
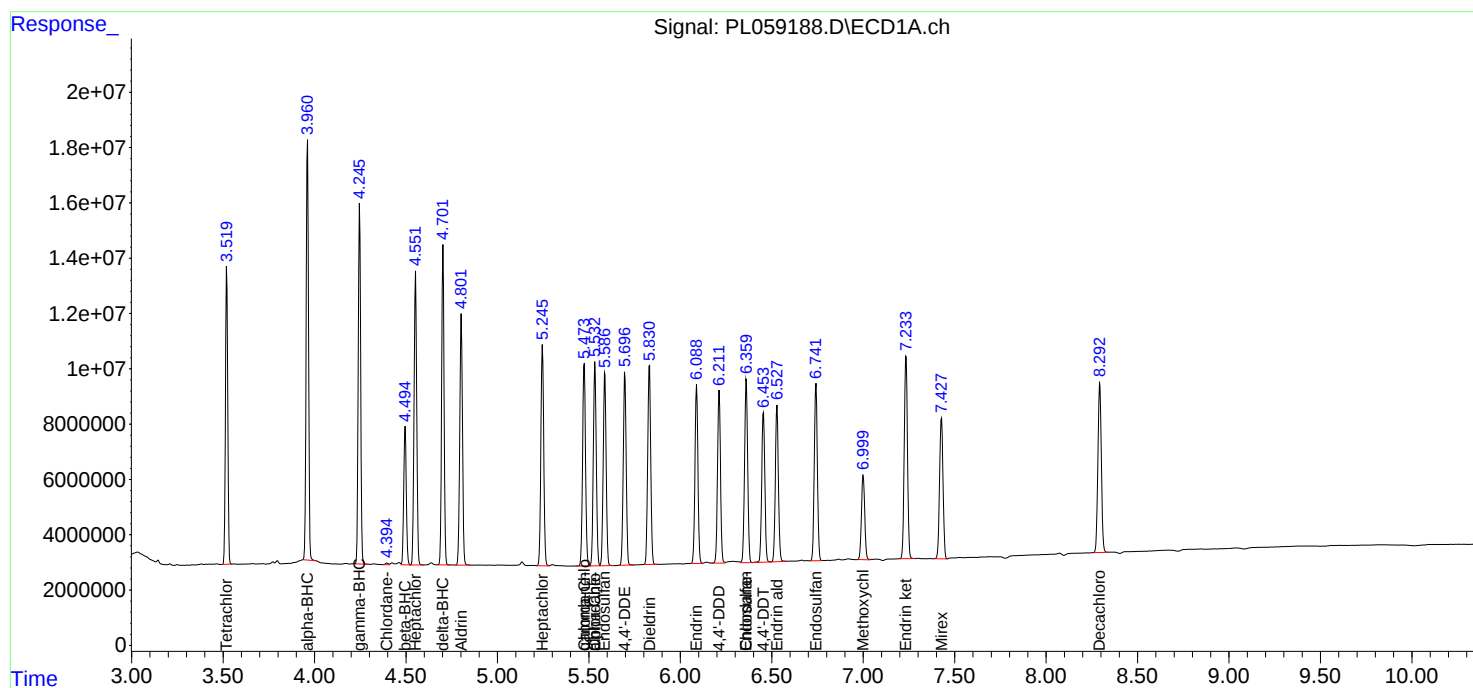
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

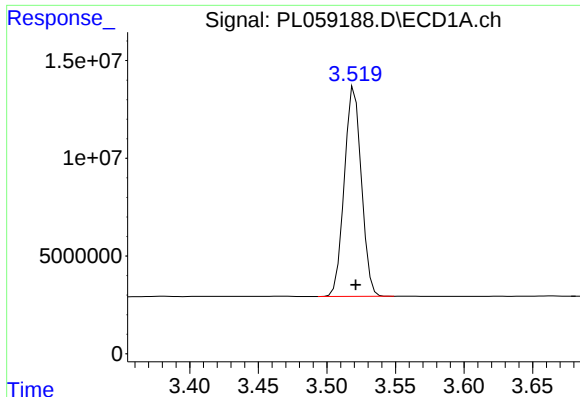
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060920\  
 Data File : PL059188.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jun 2020 12:28  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 09 15:00:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 2020  
 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

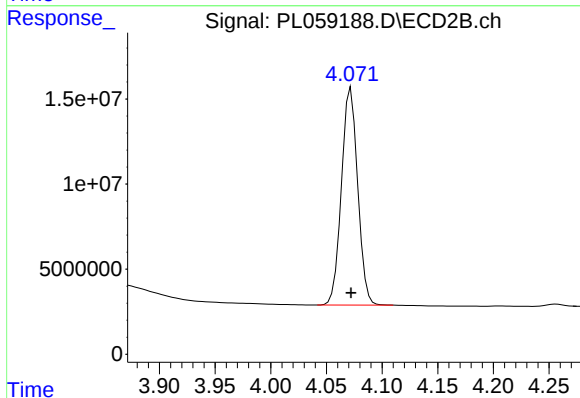




#1 Tetrachloro-m-xylene

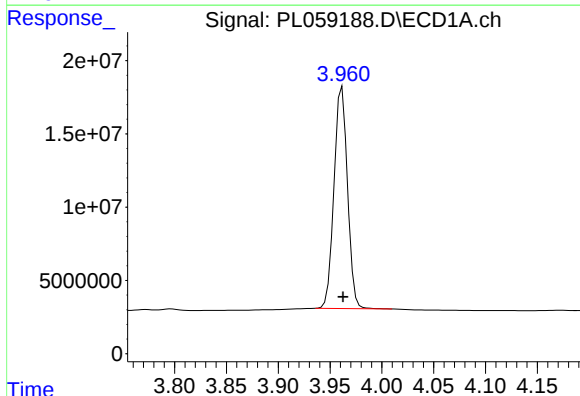
R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 92993771  
Conc: 53.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



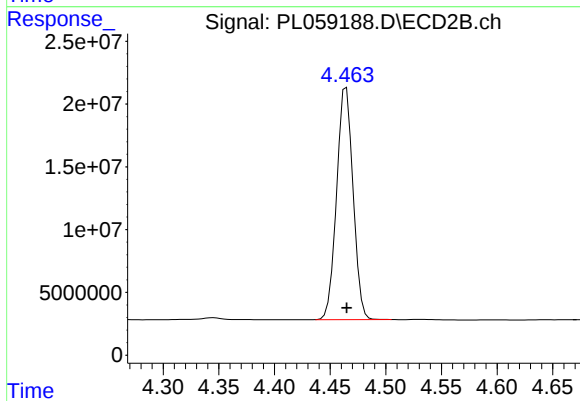
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 129593910  
Conc: 49.81 ng/ml



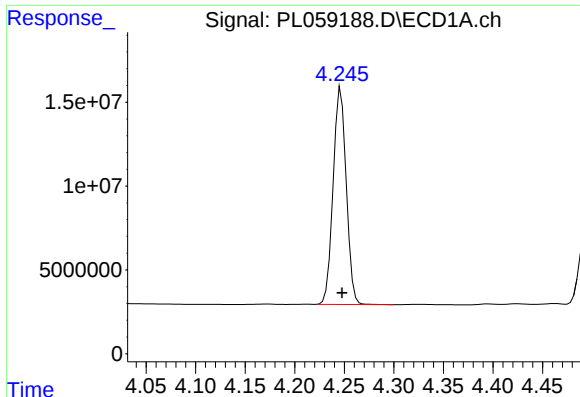
#2 alpha-BHC

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 136728650  
Conc: 54.62 ng/ml



#2 alpha-BHC

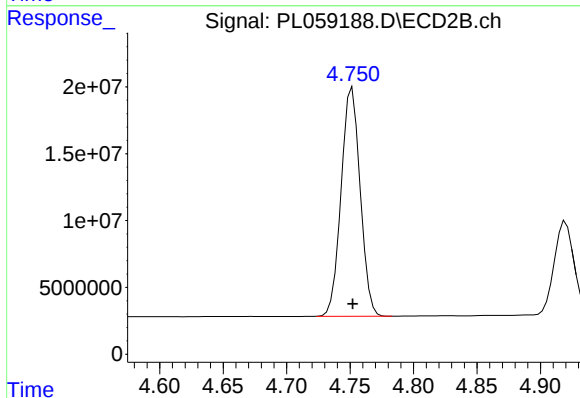
R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 190098867  
Conc: 49.46 ng/ml



#3 gamma-BHC (Lindane)

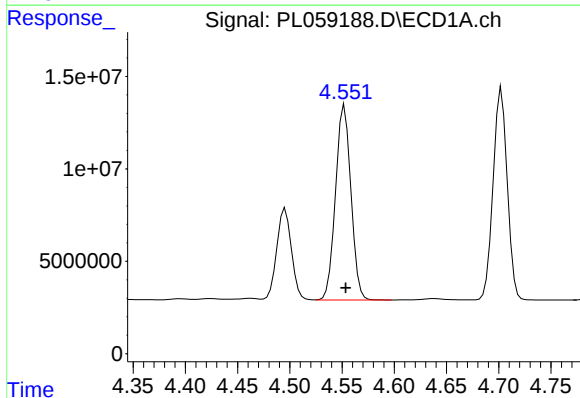
R.T.: 4.247 min  
Delta R.T.: -0.001 min  
Response: 118819886  
Conc: 54.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



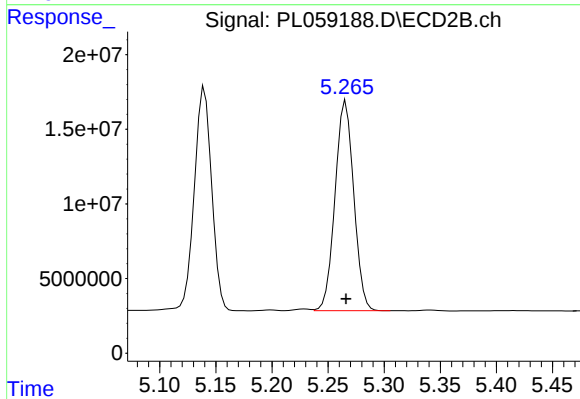
#3 gamma-BHC (Lindane)

R.T.: 4.752 min  
Delta R.T.: 0.000 min  
Response: 178483342  
Conc: 48.91 ng/ml



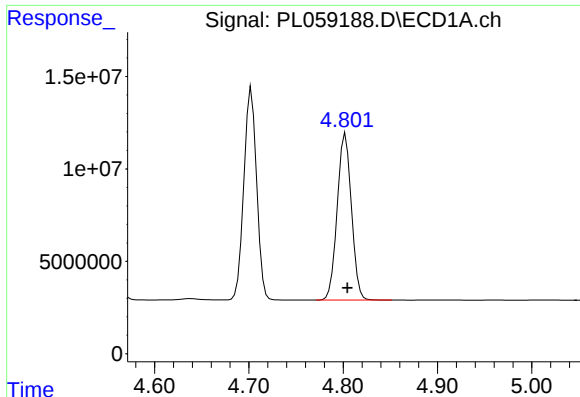
#4 Heptachlor

R.T.: 4.553 min  
Delta R.T.: -0.001 min  
Response: 107905458  
Conc: 51.86 ng/ml



#4 Heptachlor

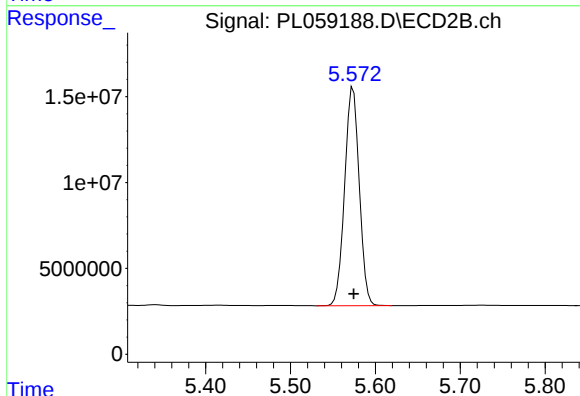
R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 163185016  
Conc: 47.33 ng/ml



#5 Aldrin

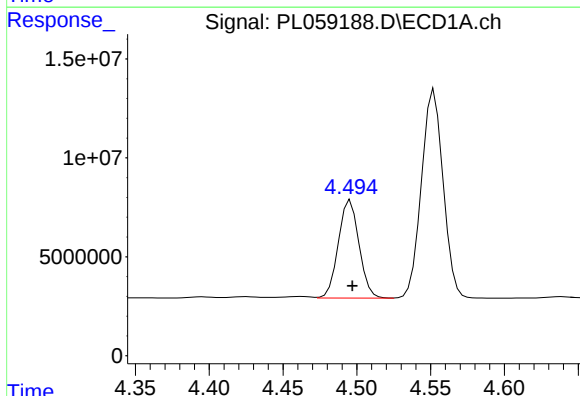
R.T.: 4.802 min  
Delta R.T.: -0.002 min  
Response: 94483571  
Conc: 53.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



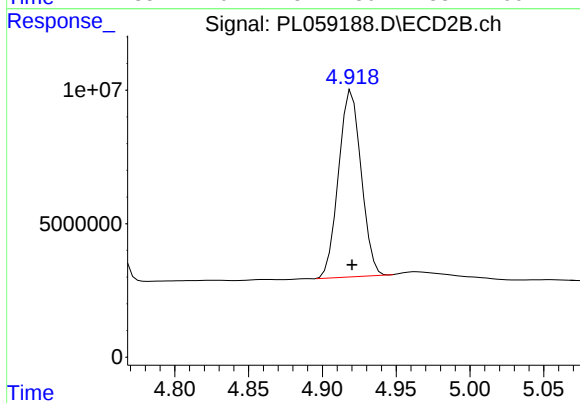
#5 Aldrin

R.T.: 5.574 min  
Delta R.T.: 0.000 min  
Response: 151813929  
Conc: 48.24 ng/ml



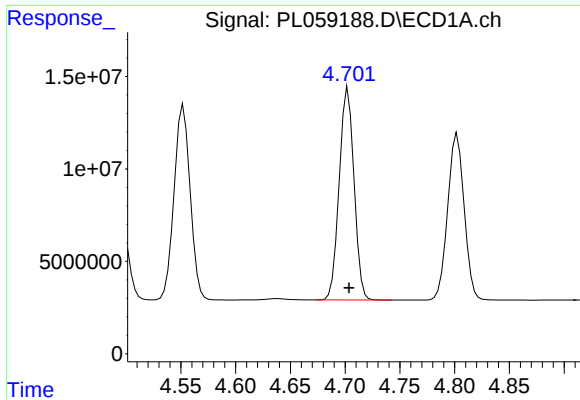
#6 beta-BHC

R.T.: 4.496 min  
Delta R.T.: -0.001 min  
Response: 48440221  
Conc: 50.98 ng/ml



#6 beta-BHC

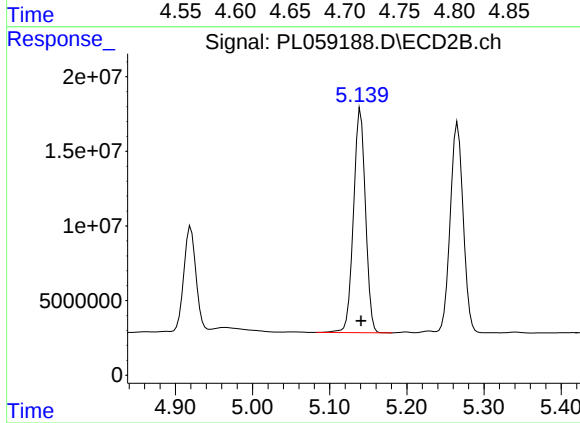
R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 74753019  
Conc: 49.43 ng/ml



#7 delta-BHC

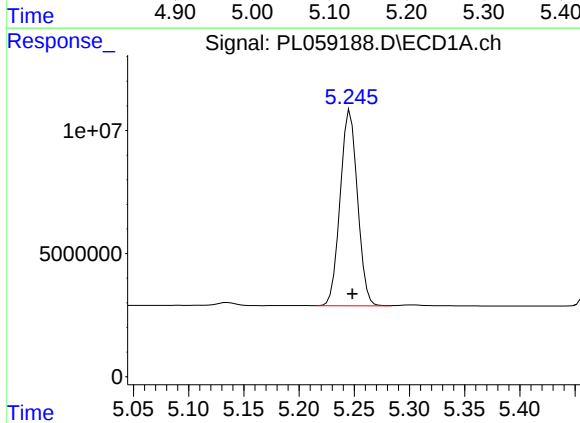
R.T.: 4.703 min  
Delta R.T.: 0.000 min  
Response: 107873309  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



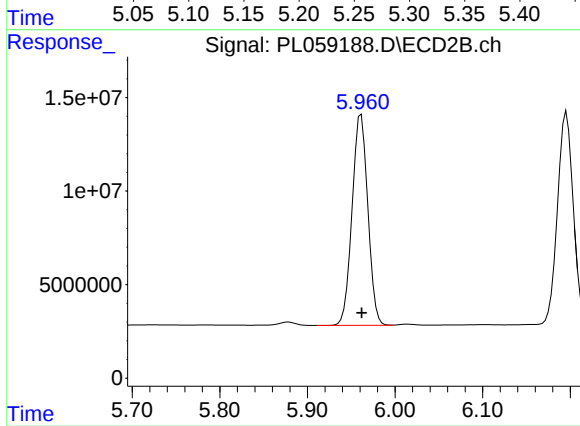
#7 delta-BHC

R.T.: 5.140 min  
Delta R.T.: 0.000 min  
Response: 161800420  
Conc: 57.68 ng/ml



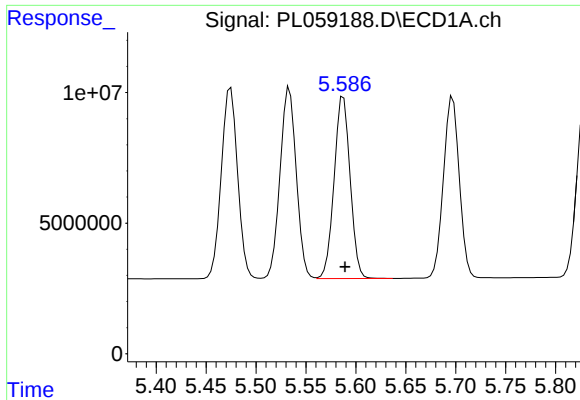
#8 Heptachlor epoxide

R.T.: 5.246 min  
Delta R.T.: -0.002 min  
Response: 86966934  
Conc: 50.91 ng/ml



#8 Heptachlor epoxide

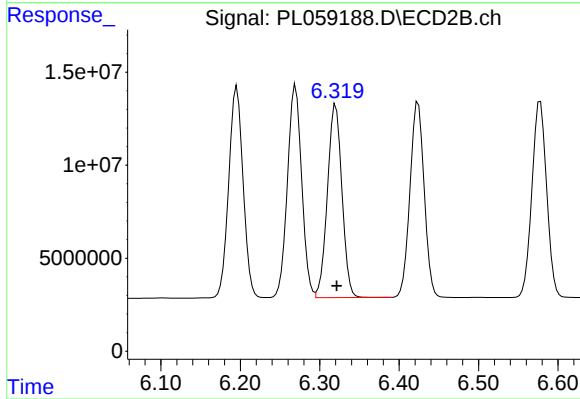
R.T.: 5.961 min  
Delta R.T.: 0.000 min  
Response: 140892980  
Conc: 50.86 ng/ml



#9 Endosulfan I

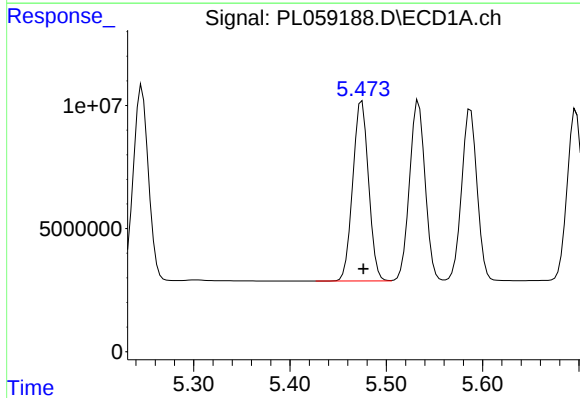
R.T.: 5.588 min  
Delta R.T.: -0.002 min  
Response: 77896377  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



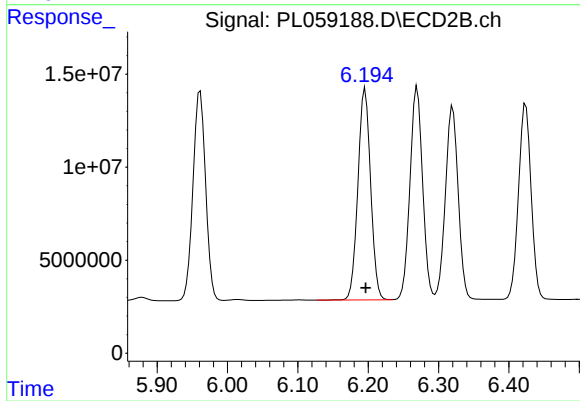
#9 Endosulfan I

R.T.: 6.320 min  
Delta R.T.: -0.001 min  
Response: 131819567  
Conc: 47.11 ng/ml



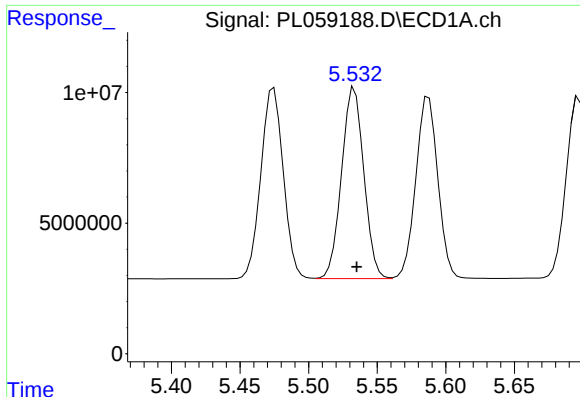
#10 gamma-Chlordane

R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 83175646  
Conc: 49.67 ng/ml



#10 gamma-Chlordane

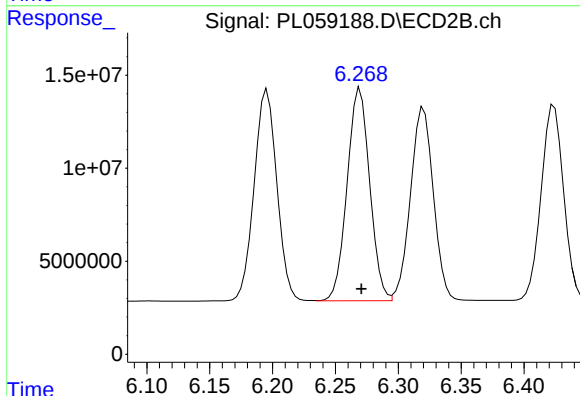
R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 143257583  
Conc: 47.88 ng/ml



#11 alpha-Chlordane

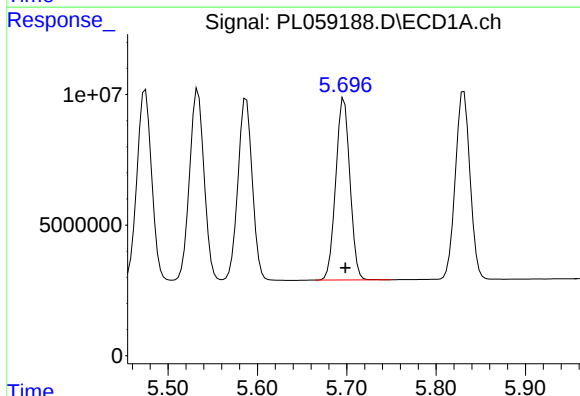
R.T.: 5.534 min  
Delta R.T.: -0.002 min  
Response: 82714748  
Conc: 49.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



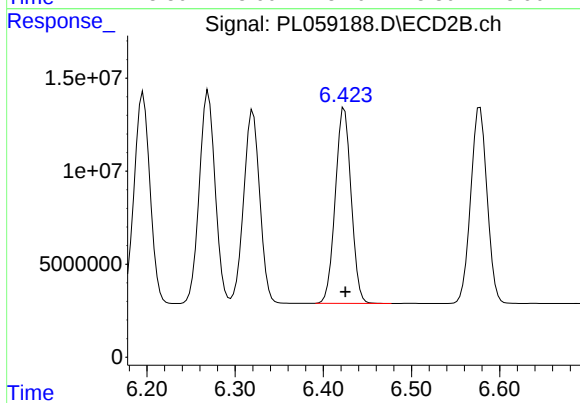
#11 alpha-Chlordane

R.T.: 6.270 min  
Delta R.T.: -0.001 min  
Response: 143065002  
Conc: 47.07 ng/ml



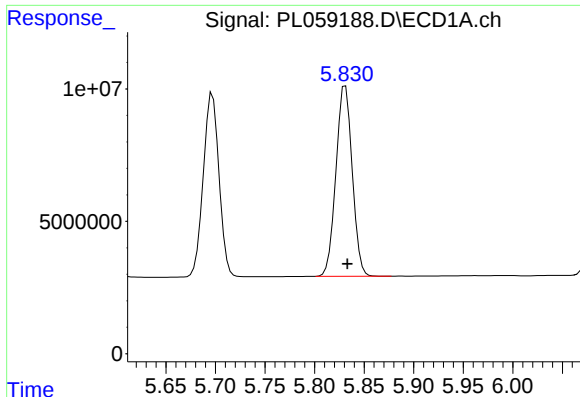
#12 4,4'-DDE

R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 76676661  
Conc: 50.42 ng/ml



#12 4,4'-DDE

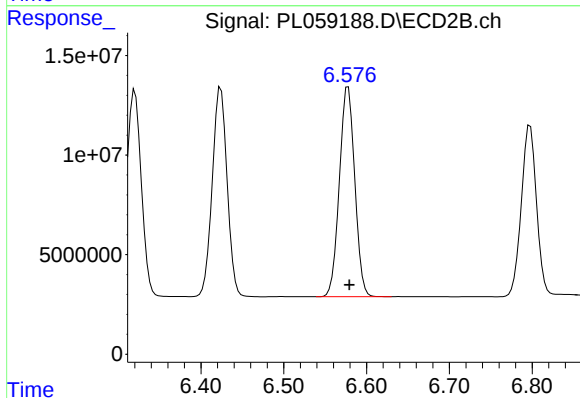
R.T.: 6.424 min  
Delta R.T.: -0.001 min  
Response: 131243933  
Conc: 47.15 ng/ml



#13 Dieldrin

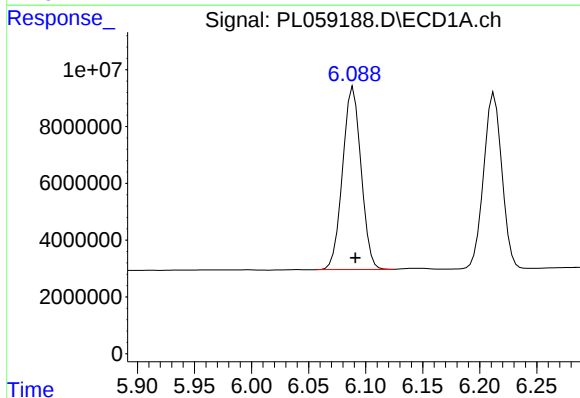
R.T.: 5.831 min  
Delta R.T.: -0.002 min  
Response: 82170219  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



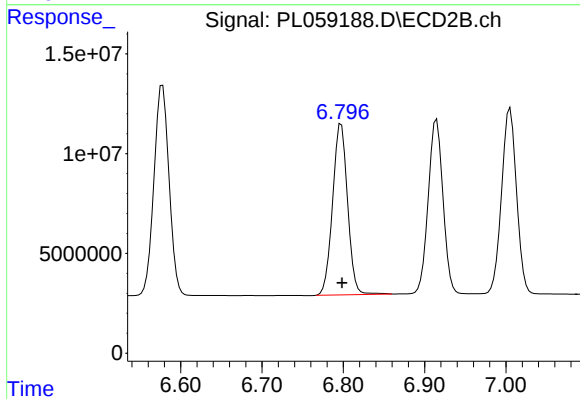
#13 Dieldrin

R.T.: 6.578 min  
Delta R.T.: -0.002 min  
Response: 136067089  
Conc: 46.61 ng/ml



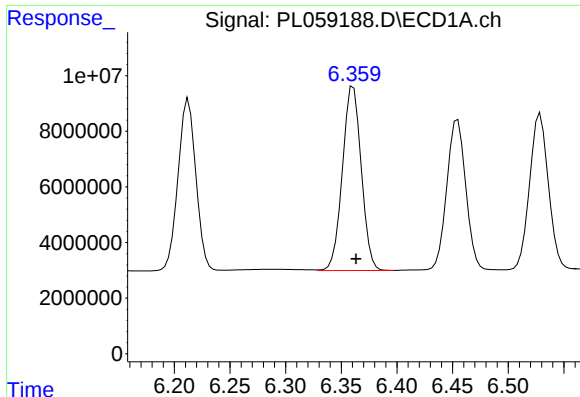
#14 Endrin

R.T.: 6.089 min  
Delta R.T.: -0.002 min  
Response: 72477661  
Conc: 47.84 ng/ml



#14 Endrin

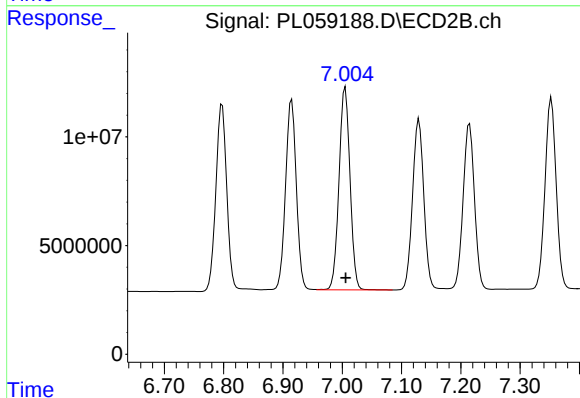
R.T.: 6.798 min  
Delta R.T.: -0.001 min  
Response: 110061664  
Conc: 44.20 ng/ml



#15 Endosulfan II

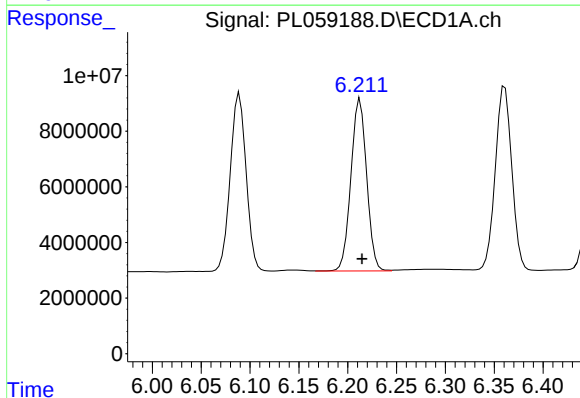
R.T.: 6.361 min  
Delta R.T.: -0.002 min  
Response: 78085683  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



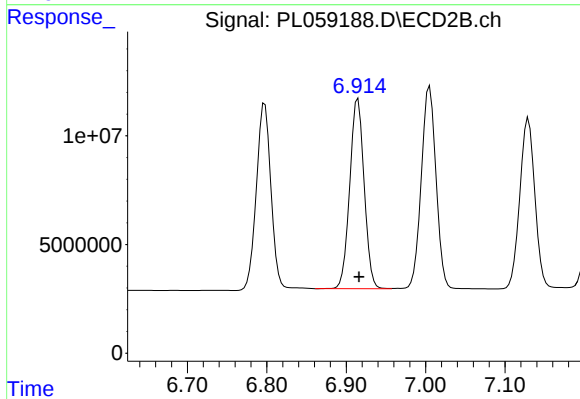
#15 Endosulfan II

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 120296098  
Conc: 46.18 ng/ml



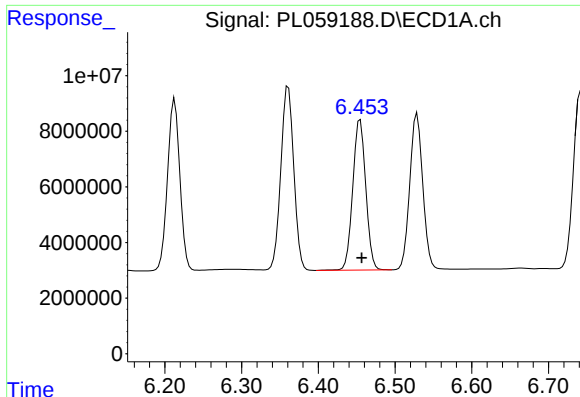
#16 4,4'-DDD

R.T.: 6.213 min  
Delta R.T.: -0.002 min  
Response: 69395926  
Conc: 52.49 ng/ml



#16 4,4'-DDD

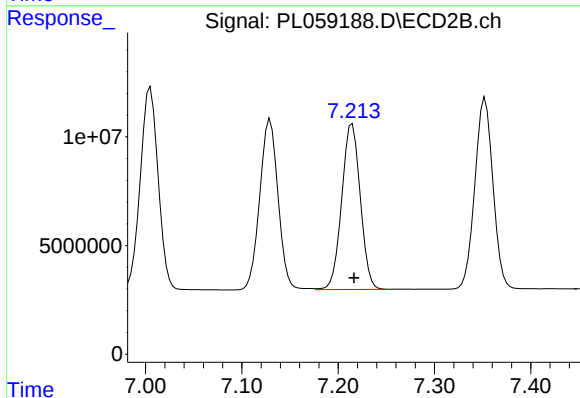
R.T.: 6.915 min  
Delta R.T.: -0.001 min  
Response: 110402608  
Conc: 47.57 ng/ml



#17 4,4'-DDT

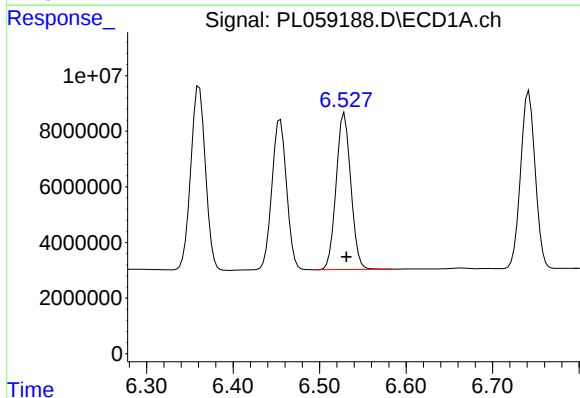
R.T.: 6.455 min  
Delta R.T.: -0.002 min  
Response: 64291062  
Conc: 50.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



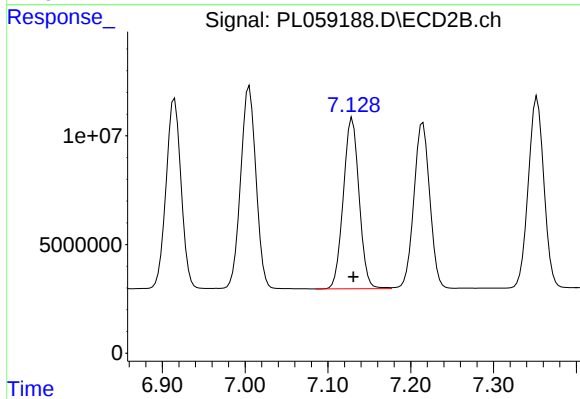
#17 4,4'-DDT

R.T.: 7.215 min  
Delta R.T.: -0.002 min  
Response: 101633389  
Conc: 44.63 ng/ml



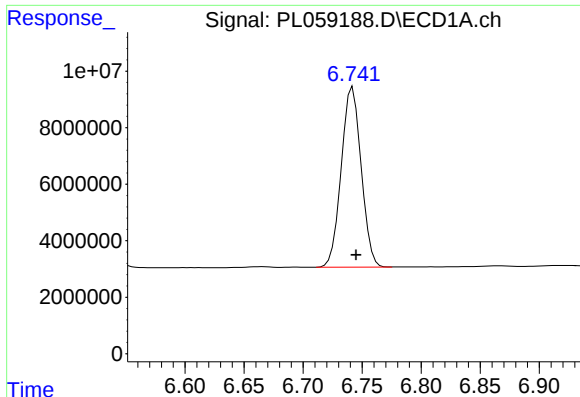
#18 Endrin aldehyde

R.T.: 6.529 min  
Delta R.T.: -0.002 min  
Response: 66002460  
Conc: 50.13 ng/ml



#18 Endrin aldehyde

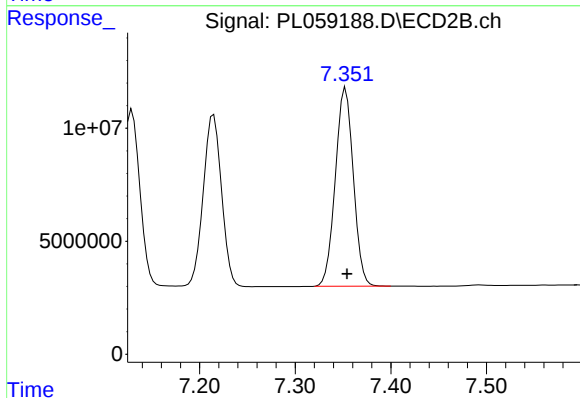
R.T.: 7.129 min  
Delta R.T.: -0.001 min  
Response: 104084864  
Conc: 45.53 ng/ml



#19 Endosulfan Sulfate

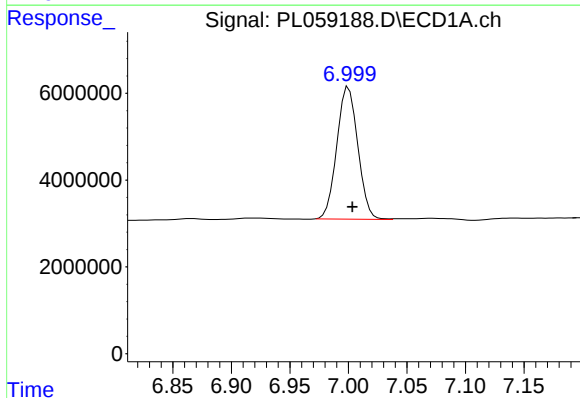
R.T.: 6.742 min  
Delta R.T.: -0.003 min  
Response: 74835287  
Conc: 50.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



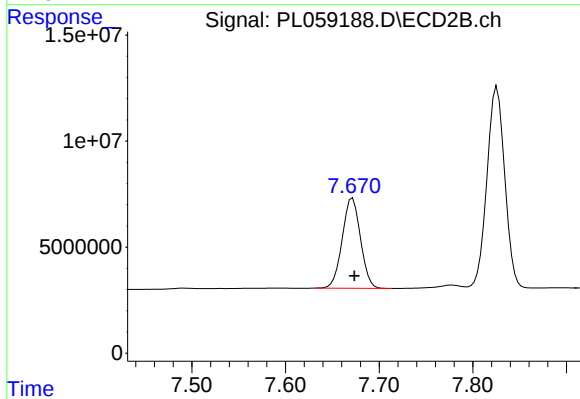
#19 Endosulfan Sulfate

R.T.: 7.353 min  
Delta R.T.: -0.002 min  
Response: 114785677  
Conc: 45.81 ng/ml



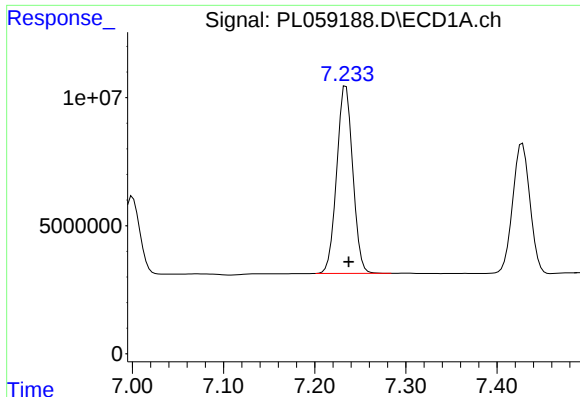
#20 Methoxychlor

R.T.: 7.000 min  
Delta R.T.: -0.003 min  
Response: 38126434  
Conc: 49.64 ng/ml



#20 Methoxychlor

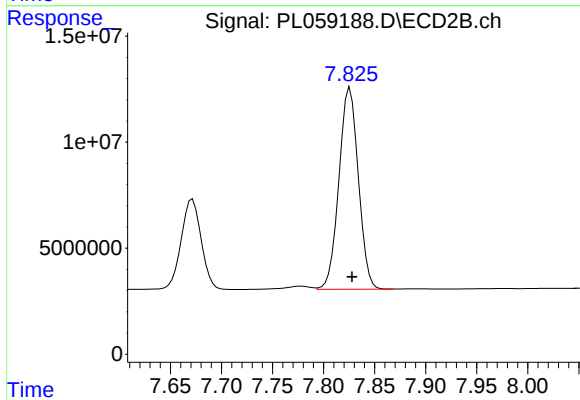
R.T.: 7.672 min  
Delta R.T.: -0.002 min  
Response: 57764026  
Conc: 43.81 ng/ml



#21 Endrin ketone

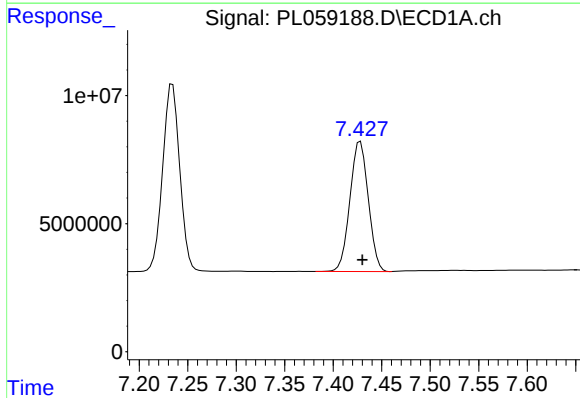
R.T.: 7.234 min  
Delta R.T.: -0.003 min  
Response: 89624064  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



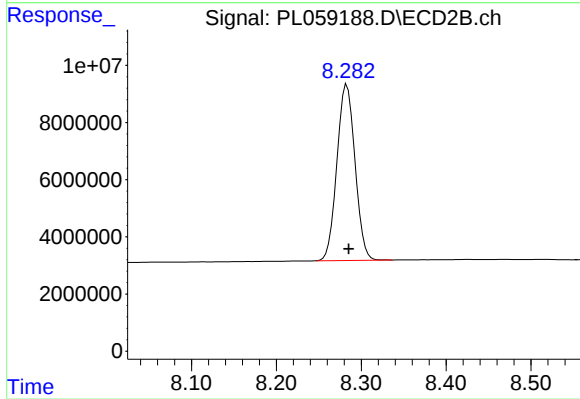
#21 Endrin ketone

R.T.: 7.826 min  
Delta R.T.: -0.002 min  
Response: 125936085  
Conc: 48.00 ng/ml



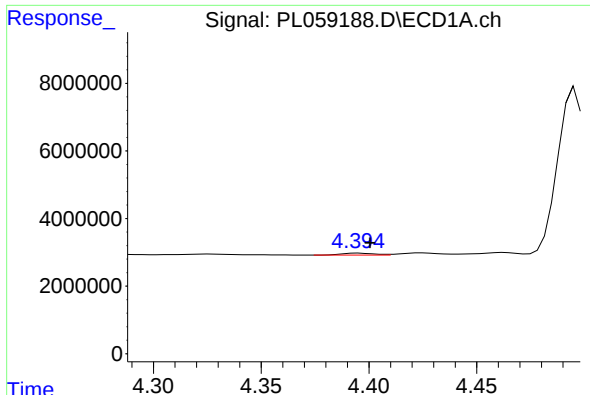
#22 Mirex

R.T.: 7.428 min  
Delta R.T.: -0.002 min  
Response: 66914800  
Conc: 48.48 ng/ml



#22 Mirex

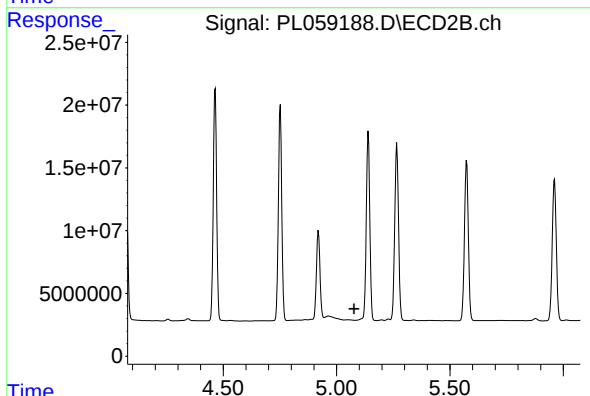
R.T.: 8.283 min  
Delta R.T.: -0.002 min  
Response: 91175819  
Conc: 46.22 ng/ml



#23 Chlordane-1

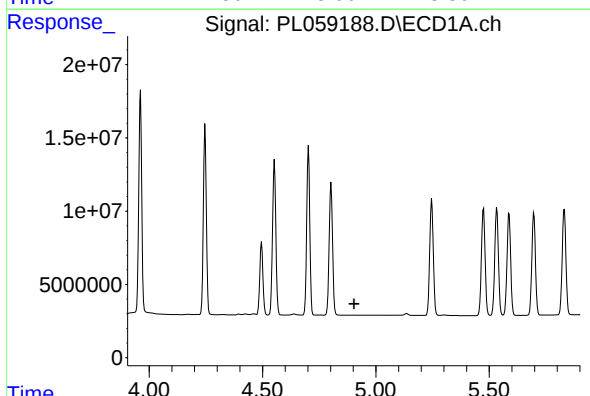
R.T.: 4.395 min  
Delta R.T.: -0.005 min  
Response: 642237  
Conc: 12.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



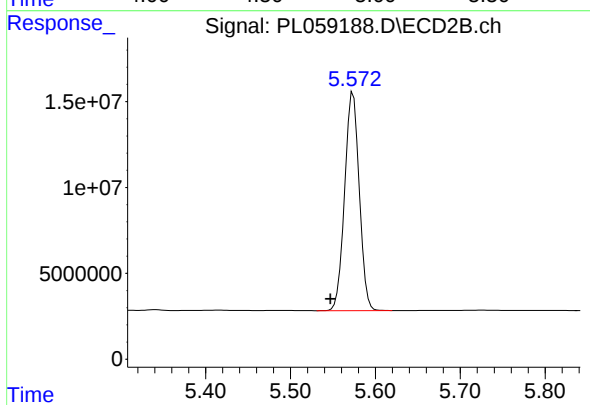
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.077 min  
Response: 0  
Conc: N.D.



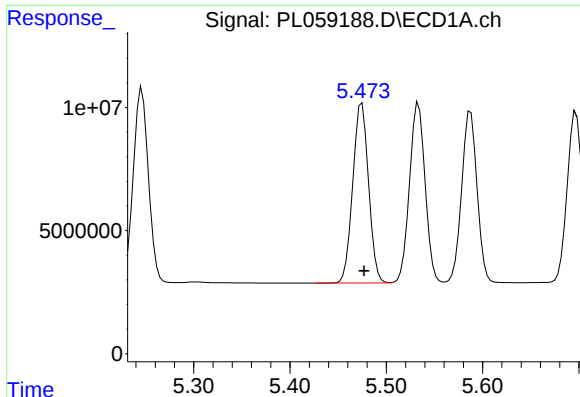
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.904 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

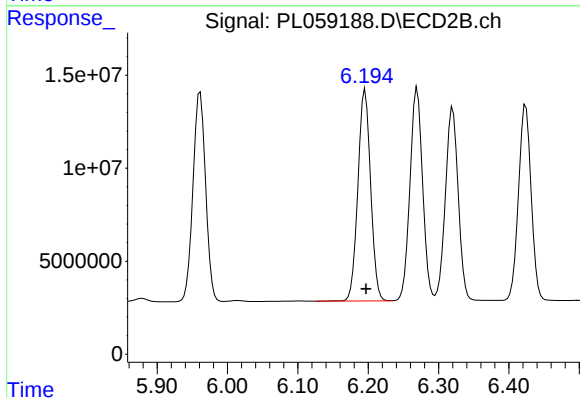
R.T.: 5.574 min  
Delta R.T.: 0.027 min  
Response: 151813929  
Conc: 1591.17 ng/ml



#25 Chlordane-3

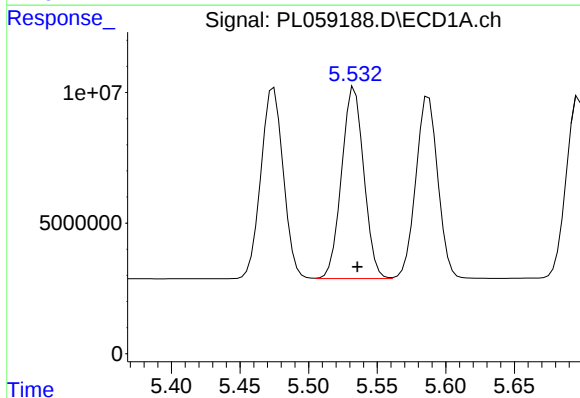
R.T.: 5.475 min  
Delta R.T.: -0.002 min  
Response: 83175646  
Conc: 562.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



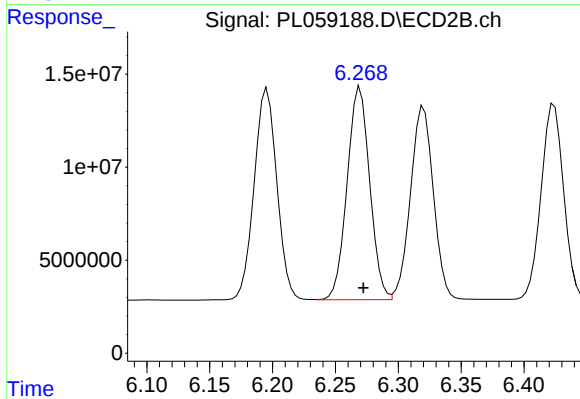
#25 Chlordane-3

R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 143257583  
Conc: 382.03 ng/ml



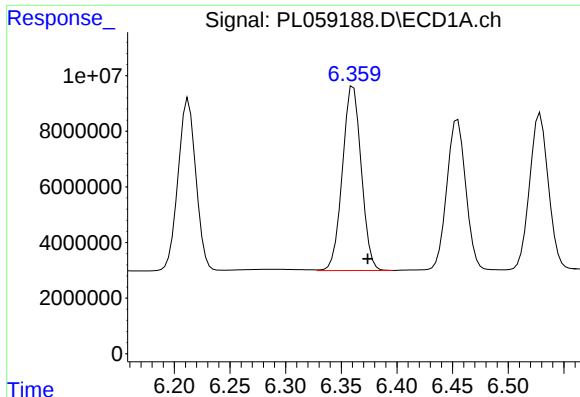
#26 Chlordane-4

R.T.: 5.534 min  
Delta R.T.: -0.002 min  
Response: 82714748  
Conc: 689.51 ng/ml



#26 Chlordane-4

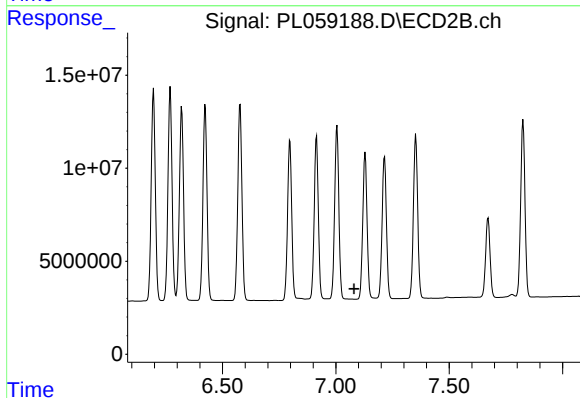
R.T.: 6.270 min  
Delta R.T.: -0.003 min  
Response: 143065002  
Conc: 314.40 ng/ml



#27 Chlordane-5

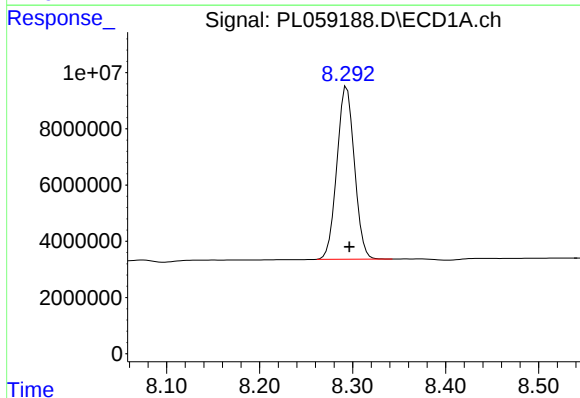
R.T.: 6.361 min  
Delta R.T.: -0.013 min  
Response: 78085683  
Conc: 1569.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



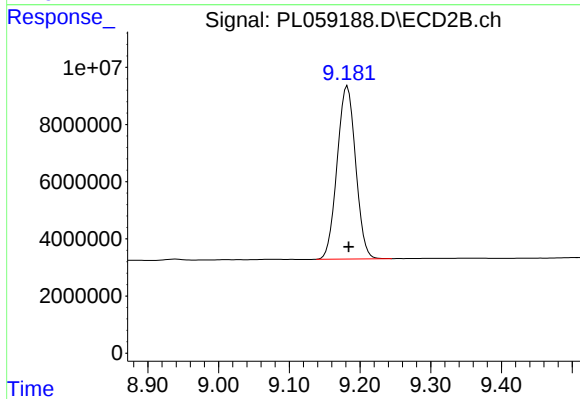
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.080 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.294 min  
Delta R.T.: -0.003 min  
Response: 80485768  
Conc: 48.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.182 min  
Delta R.T.: -0.002 min  
Response: 110123386  
Conc: 46.46 ng/ml