

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
 Data File : PL059626.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jul 2020 02:55  
 Operator : AJ\MA  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 04:18:50 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 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... | 3.517 | 4.072  | 89707091 | 133.2E6  | 49.947   | 50.072     |
| 28)                         | SA Decachlor... | 8.287 | 9.183  | 76731446 | 104.2E6  | 49.981   | 47.943     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.958 | 4.464  | 131.1E6  | 199.1E6  | 50.955   | 51.138     |
| 3)                          | MA gamma-BHC... | 4.243 | 4.752  | 114.5E6  | 186.1E6  | 50.492   | 50.899     |
| 4)                          | MA Heptachlor   | 4.548 | 5.266  | 104.6E6  | 173.5E6  | 50.059   | 49.532     |
| 5)                          | MB Aldrin       | 4.799 | 5.573  | 91274014 | 158.6E6  | 53.271   | 50.157     |
| 6)                          | B beta-BHC      | 4.492 | 4.920  | 46577688 | 77345020 | 49.646   | 50.229     |
| 7)                          | B delta-BHC     | 4.699 | 5.140  | 104.2E6  | 163.9E6  | 53.259   | 56.019     |
| 8)                          | B Heptachlo...  | 5.242 | 5.961  | 84543209 | 138.2E6  | 52.152   | 56.867     |
| 9)                          | A Endosulfan I  | 5.582 | 6.321  | 78100911 | 134.6E6  | 50.756   | 49.872     |
| 10)                         | B gamma-Chl...  | 5.470 | 6.196  | 83703047 | 147.2E6  | 51.159   | 49.933     |
| 11)                         | B alpha-Chl...  | 5.529 | 6.269  | 83539598 | 147.1E6  | 50.876   | 49.736     |
| 12)                         | B 4,4'-DDE      | 5.692 | 6.424  | 78356417 | 134.7E6  | 52.269   | 50.509     |
| 13)                         | MA Dieldrin     | 5.826 | 6.578  | 81853066 | 140.5E6  | 51.272   | 49.858     |
| 14)                         | MA Endrin       | 6.084 | 6.797  | 73483602 | 116.6E6  | 49.697   | 47.400     |
| 15)                         | B Endosulfa...  | 6.356 | 7.005  | 75792307 | 125.2E6  | 49.934   | 48.755     |
| 16)                         | A 4,4'-DDD      | 6.207 | 6.915  | 68451777 | 117.8E6  | 51.281   | 49.477     |
| 17)                         | MA 4,4'-DDT     | 6.450 | 7.216  | 61950459 | 105.6E6  | 48.799   | 46.696     |
| 18)                         | B Endrin al...  | 6.524 | 7.130  | 63699095 | 107.0E6  | 50.471   | 48.280     |
| 19)                         | B Endosulfa...  | 6.737 | 7.353  | 73061206 | 117.3E6  | 50.891   | 49.008     |
| 20)                         | A Methoxychlor  | 6.995 | 7.673  | 36917903 | 59923779 | 48.240   | 46.406     |
| 21)                         | B Endrin ke...  | 7.229 | 7.827  | 85343854 | 126.4E6  | 51.686   | 50.169     |
| 22)                         | Mirex           | 7.423 | 8.284  | 64629343 | 91849465 | 49.773   | 48.091     |
| 23)                         | Chlordane-1     | 4.393 | 0.000  | 310213   | 0        | 5.953    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.573f | 0        | 158.6E6  | N.D.     | 1557.366 # |
| 25)                         | Chlordane-3     | 5.470 | 6.196  | 83703047 | 147.2E6  | 587.768  | 392.736 #  |
| 26)                         | Chlordane-4     | 5.529 | 6.269  | 83539598 | 147.1E6  | 698.987  | 326.600 #  |
| 27)                         | Chlordane-5     | 6.356 | 0.000  | 75792307 | 0        | 1475.322 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

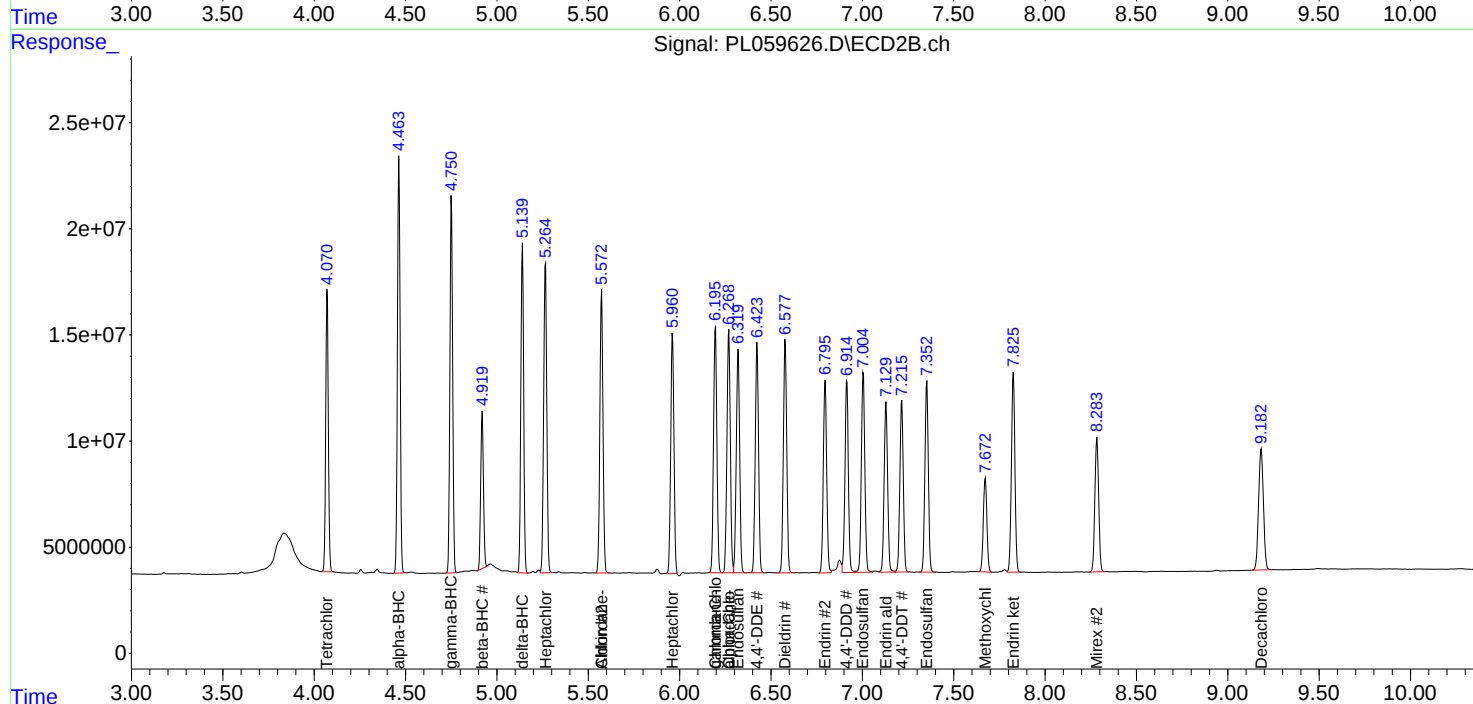
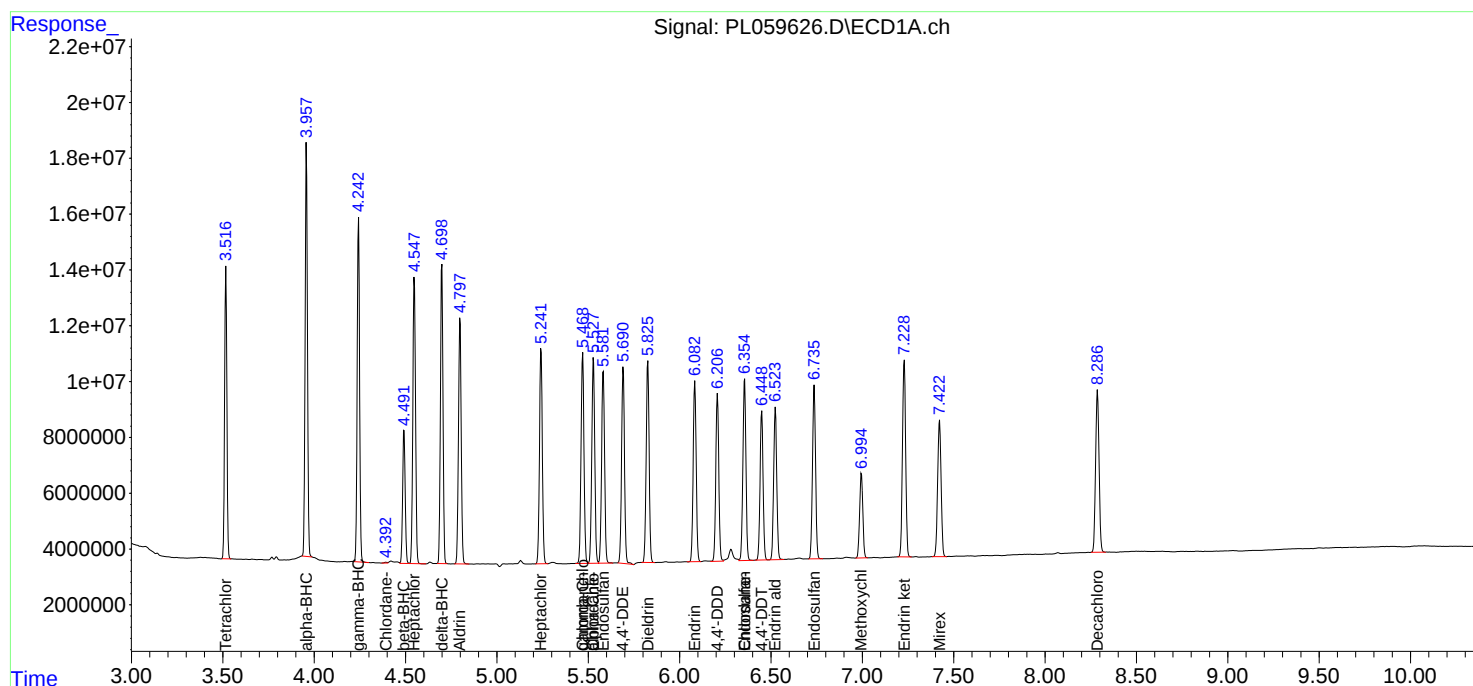
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

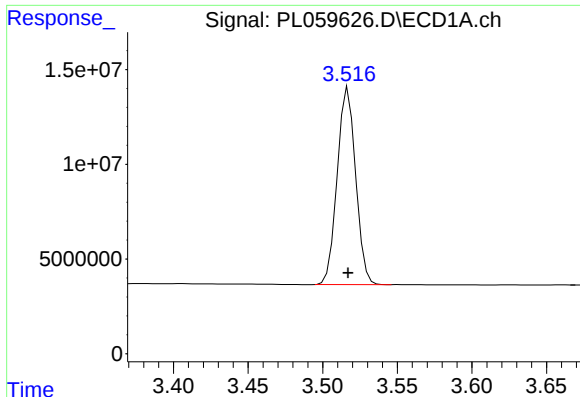
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
Data File : PL059626.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Jul 2020 02:55  
Operator : AJ\MA  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 04:18:50 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 01 01:23:58 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

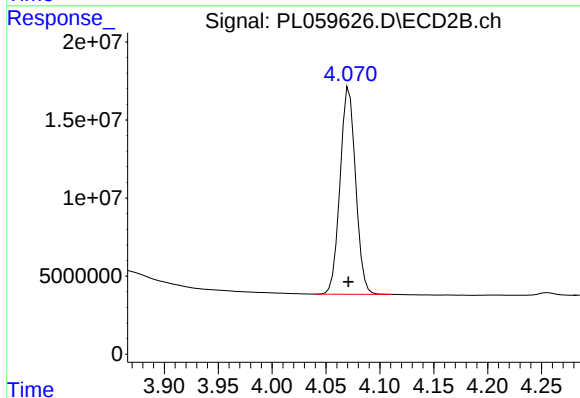




#1 Tetrachloro-m-xylene

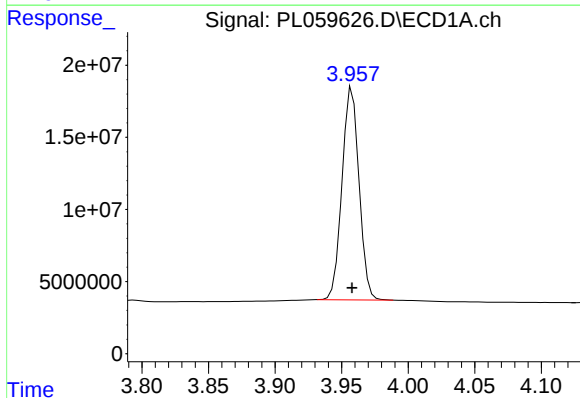
R.T.: 3.517 min  
Delta R.T.: 0.000 min  
Response: 89707091  
Conc: 49.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



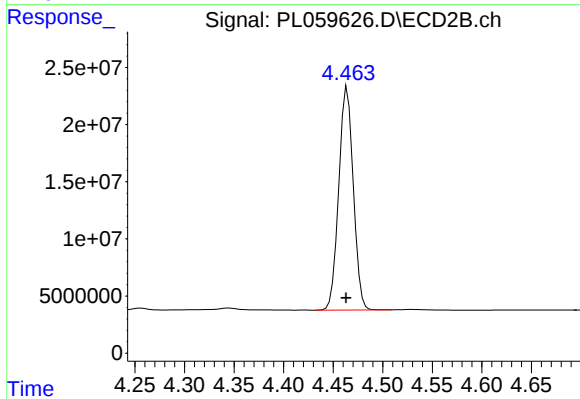
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 133162479  
Conc: 50.07 ng/ml



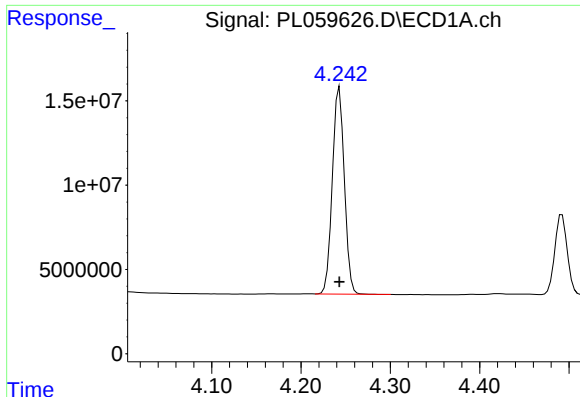
#2 alpha-BHC

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 131063622  
Conc: 50.96 ng/ml



#2 alpha-BHC

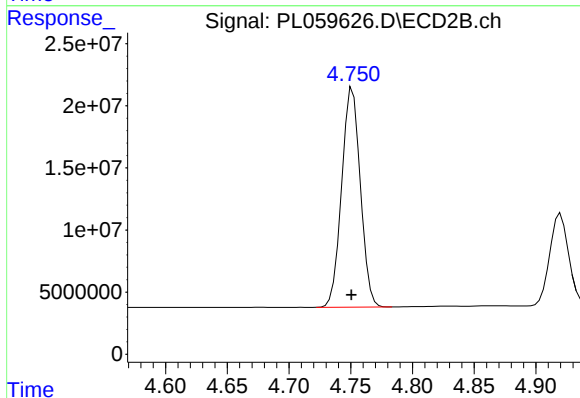
R.T.: 4.464 min  
Delta R.T.: 0.001 min  
Response: 199132888  
Conc: 51.14 ng/ml



#3 gamma-BHC (Lindane)

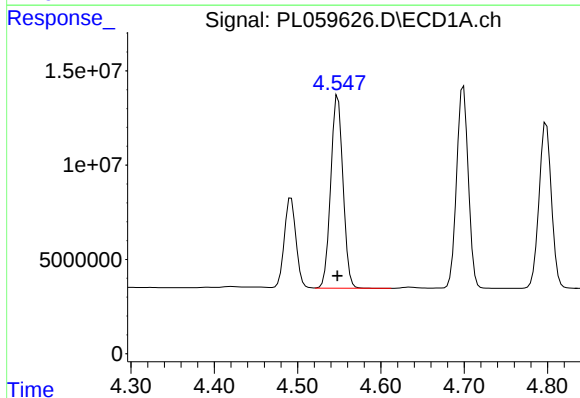
R.T.: 4.243 min  
Delta R.T.: 0.000 min  
Response: 114451123  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



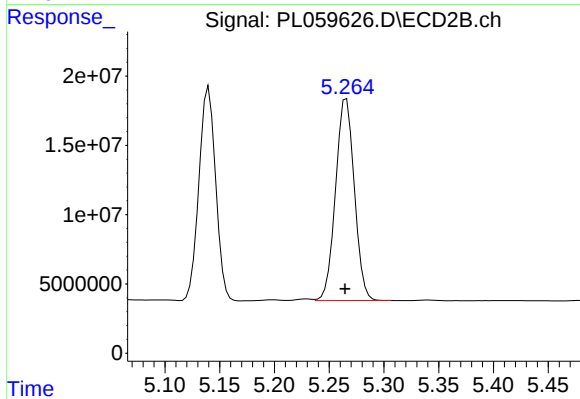
#3 gamma-BHC (Lindane)

R.T.: 4.752 min  
Delta R.T.: 0.000 min  
Response: 186132940  
Conc: 50.90 ng/ml



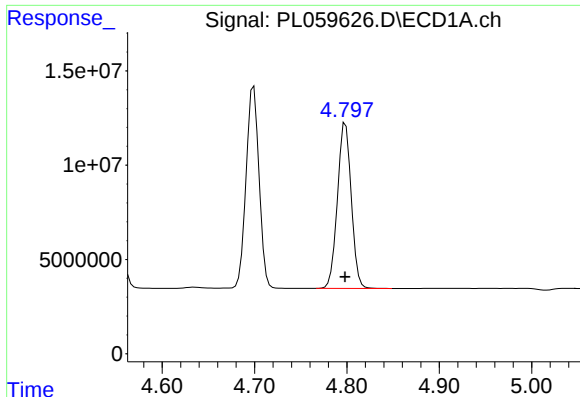
#4 Heptachlor

R.T.: 4.548 min  
Delta R.T.: 0.000 min  
Response: 104574169  
Conc: 50.06 ng/ml



#4 Heptachlor

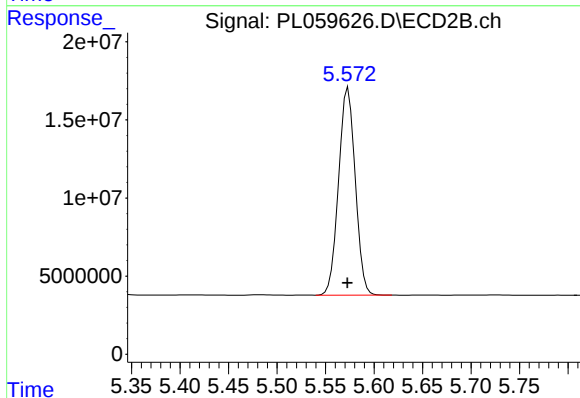
R.T.: 5.266 min  
Delta R.T.: 0.001 min  
Response: 173541611  
Conc: 49.53 ng/ml



#5 Aldrin

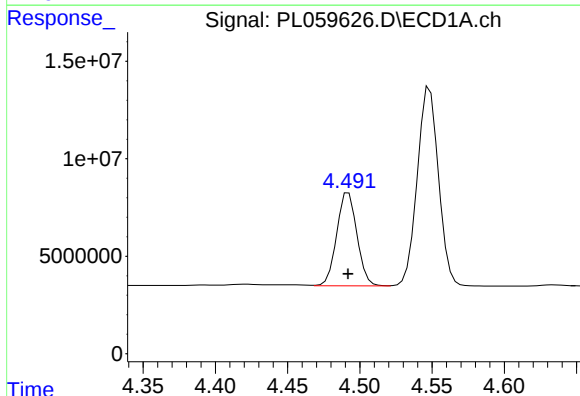
R.T.: 4.799 min  
Delta R.T.: 0.000 min  
Response: 91274014  
Conc: 53.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



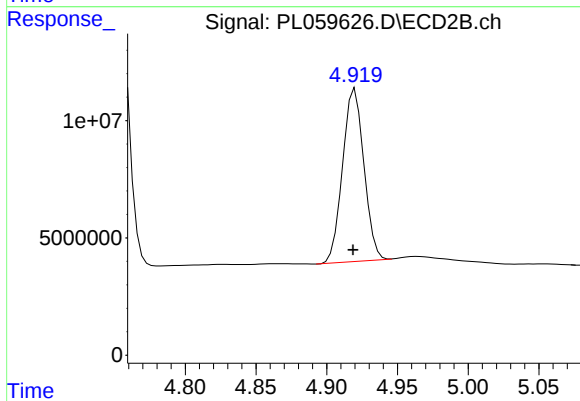
#5 Aldrin

R.T.: 5.573 min  
Delta R.T.: 0.000 min  
Response: 158592833  
Conc: 50.16 ng/ml



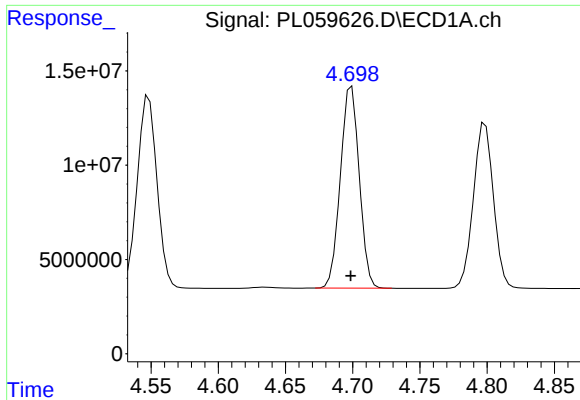
#6 beta-BHC

R.T.: 4.492 min  
Delta R.T.: 0.000 min  
Response: 46577688  
Conc: 49.65 ng/ml



#6 beta-BHC

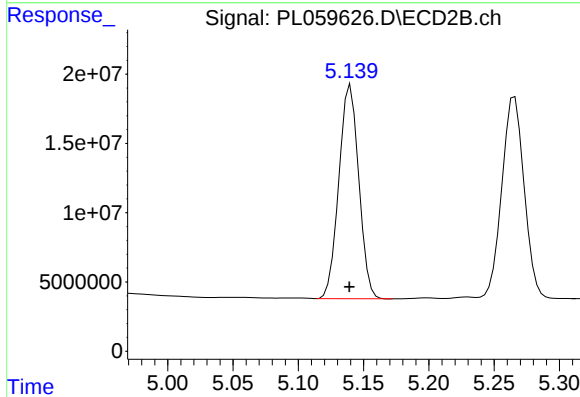
R.T.: 4.920 min  
Delta R.T.: 0.001 min  
Response: 77345020  
Conc: 50.23 ng/ml



#7 delta-BHC

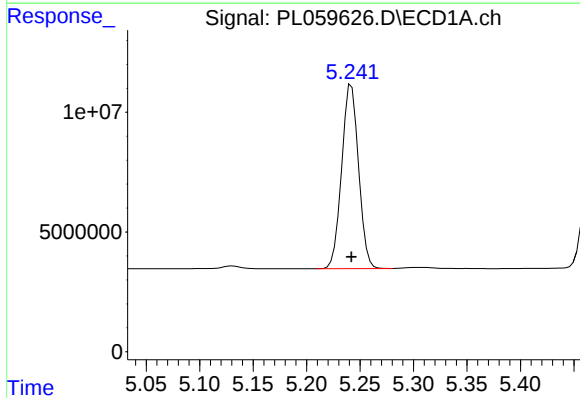
R.T.: 4.699 min  
Delta R.T.: 0.000 min  
Response: 104169831  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



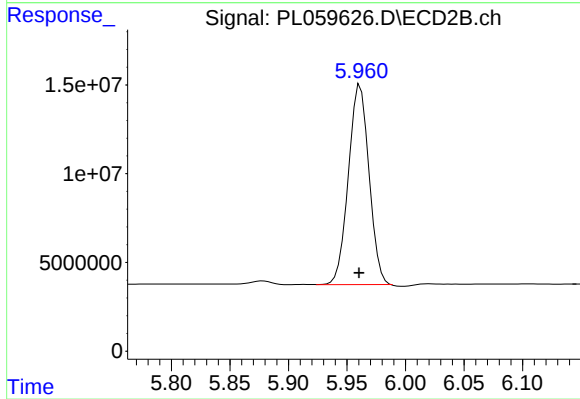
#7 delta-BHC

R.T.: 5.140 min  
Delta R.T.: 0.000 min  
Response: 163877152  
Conc: 56.02 ng/ml



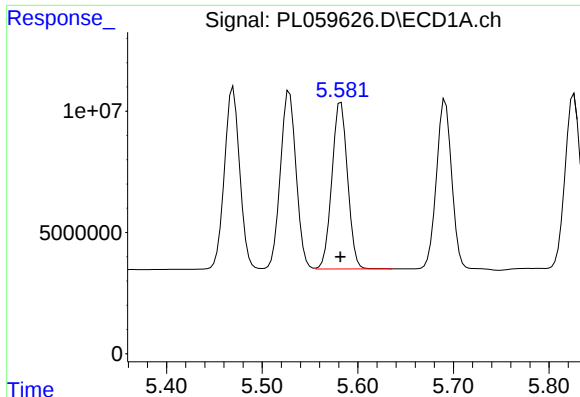
#8 Heptachlor epoxide

R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 84543209  
Conc: 52.15 ng/ml



#8 Heptachlor epoxide

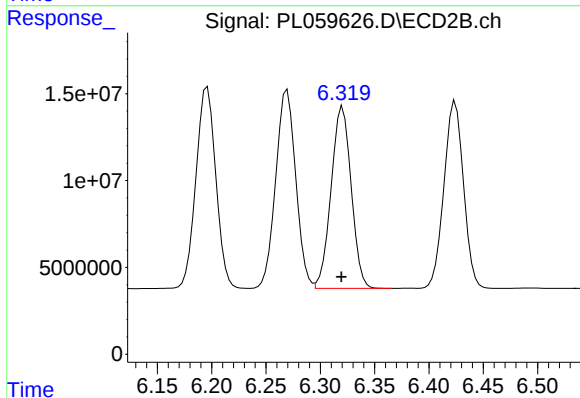
R.T.: 5.961 min  
Delta R.T.: 0.001 min  
Response: 138198129  
Conc: 56.87 ng/ml



#9 Endosulfan I

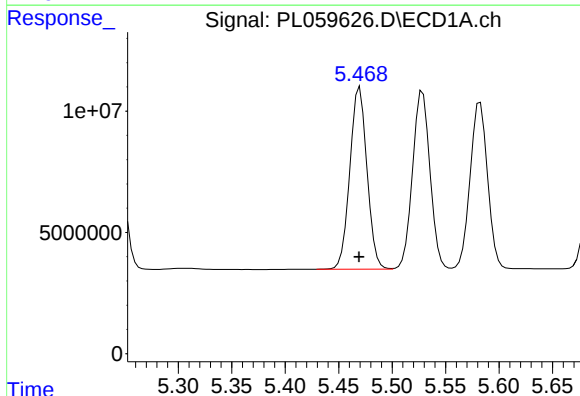
R.T.: 5.582 min  
Delta R.T.: 0.000 min  
Response: 78100911  
Conc: 50.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



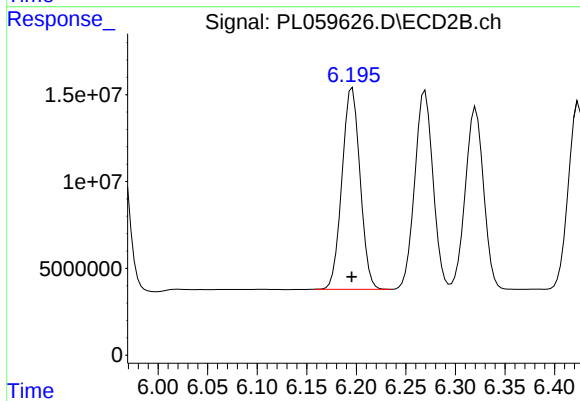
#9 Endosulfan I

R.T.: 6.321 min  
Delta R.T.: 0.001 min  
Response: 134565797  
Conc: 49.87 ng/ml



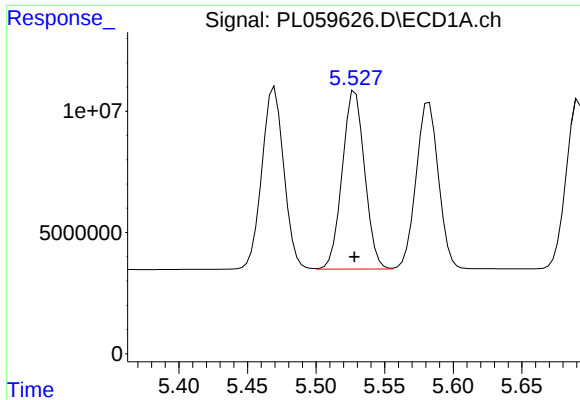
#10 gamma-Chlordane

R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 83703047  
Conc: 51.16 ng/ml



#10 gamma-Chlordane

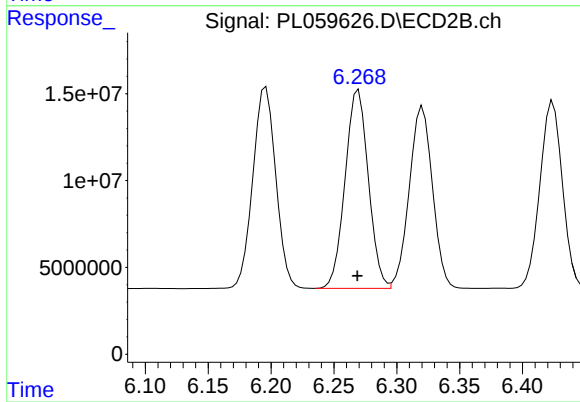
R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 147239799  
Conc: 49.93 ng/ml



#11 alpha-Chlordane

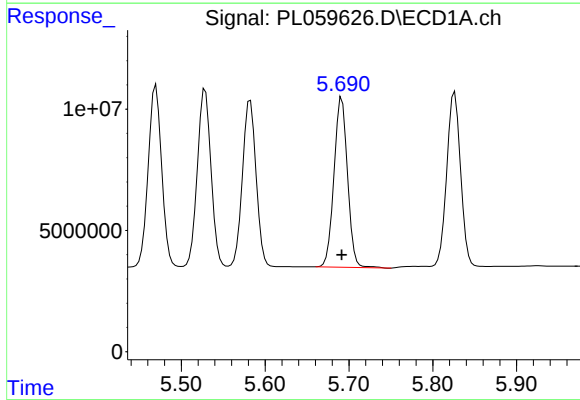
R.T.: 5.529 min  
Delta R.T.: 0.000 min  
Response: 83539598  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



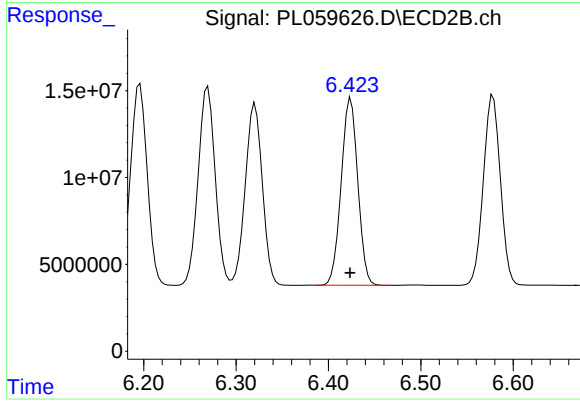
#11 alpha-Chlordane

R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 147102571  
Conc: 49.74 ng/ml



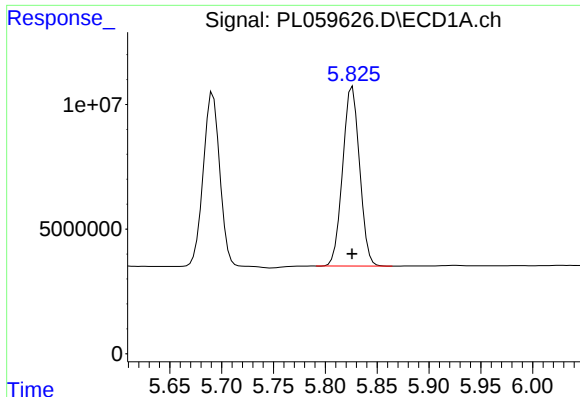
#12 4,4'-DDE

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 78356417  
Conc: 52.27 ng/ml



#12 4,4'-DDE

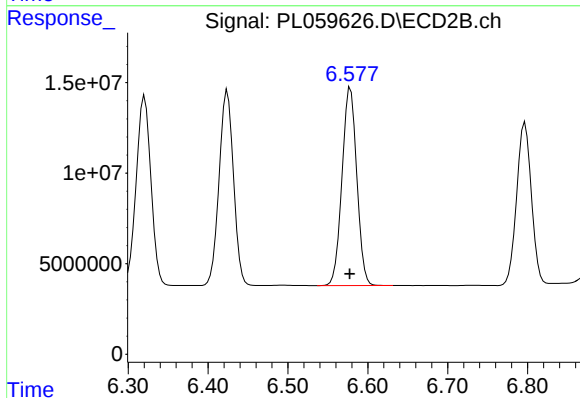
R.T.: 6.424 min  
Delta R.T.: 0.000 min  
Response: 134747383  
Conc: 50.51 ng/ml



#13 Dieldrin

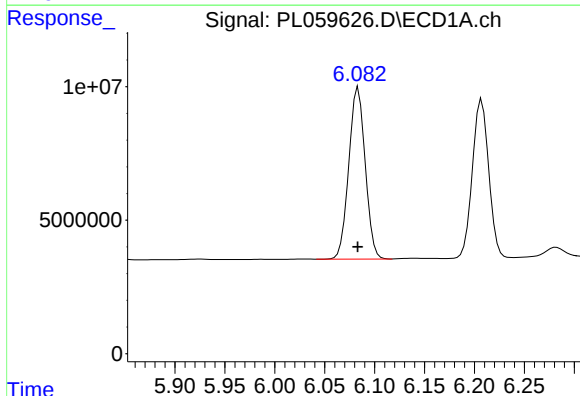
R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 81853066  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



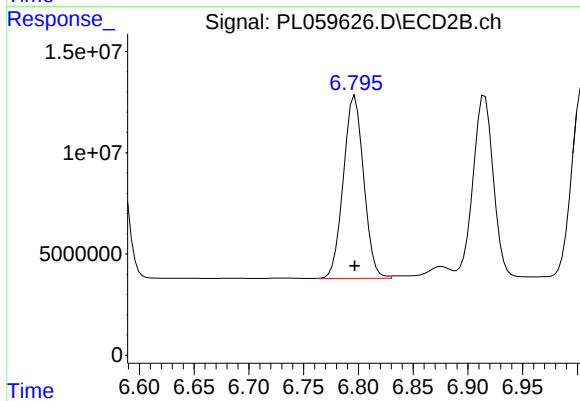
#13 Dieldrin

R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 140499223  
Conc: 49.86 ng/ml



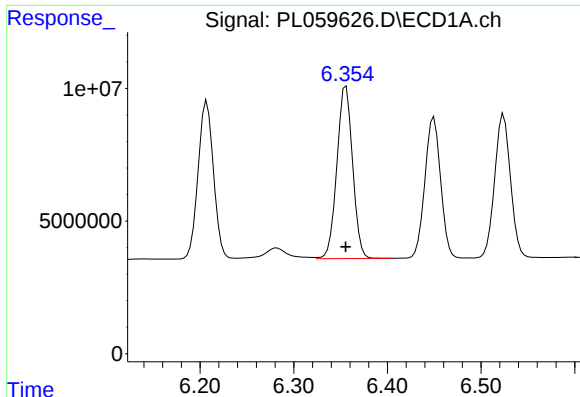
#14 Endrin

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 73483602  
Conc: 49.70 ng/ml



#14 Endrin

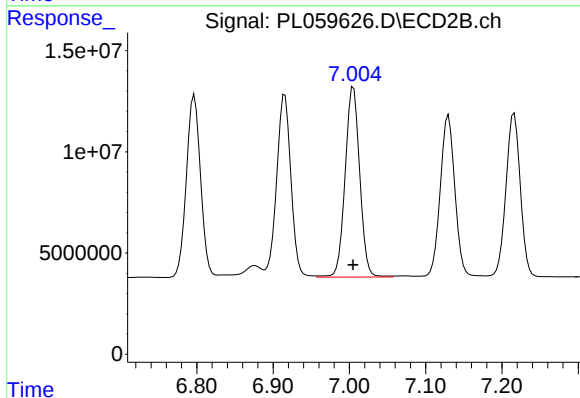
R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 116570295  
Conc: 47.40 ng/ml



#15 Endosulfan II

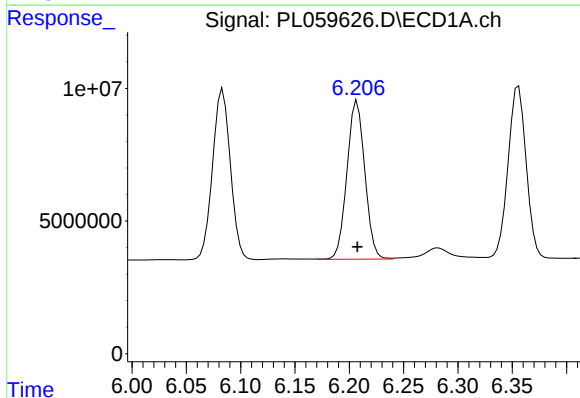
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 75792307  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



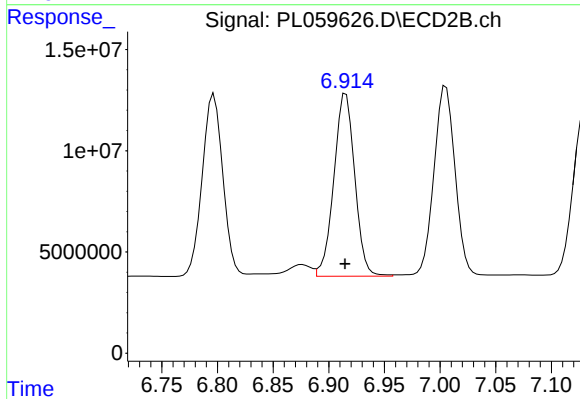
#15 Endosulfan II

R.T.: 7.005 min  
Delta R.T.: 0.000 min  
Response: 125239829  
Conc: 48.75 ng/ml



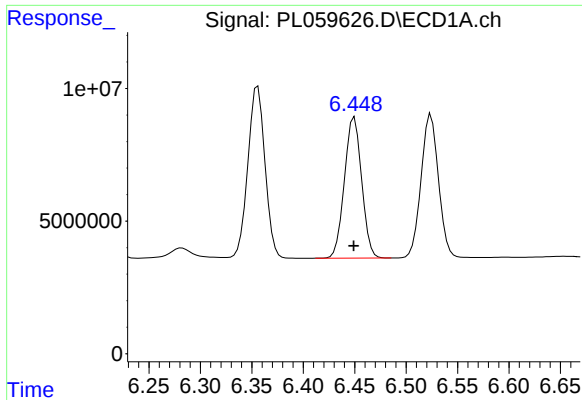
#16 4,4'-DDD

R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 68451777  
Conc: 51.28 ng/ml



#16 4,4'-DDD

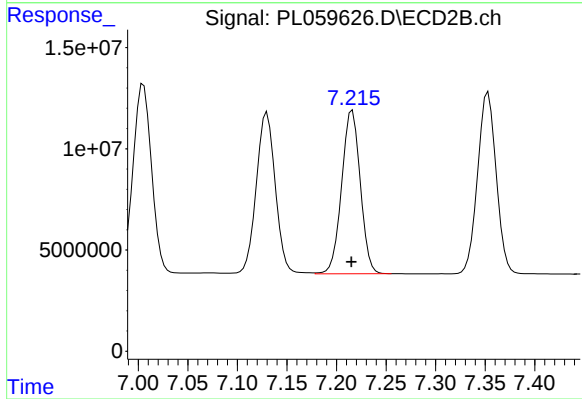
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 117810514  
Conc: 49.48 ng/ml



#17 4,4'-DDT

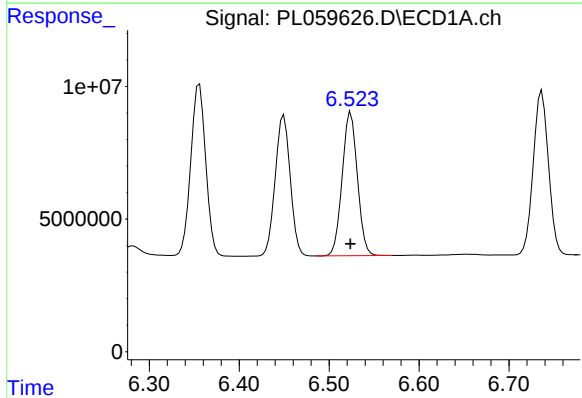
R.T.: 6.450 min  
Delta R.T.: 0.000 min  
Response: 61950459  
Conc: 48.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



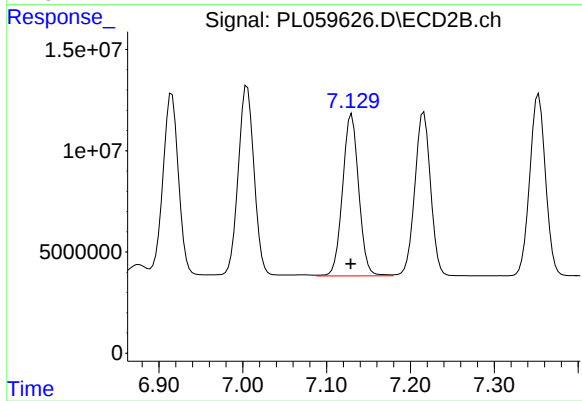
#17 4,4'-DDT

R.T.: 7.216 min  
Delta R.T.: 0.001 min  
Response: 105606640  
Conc: 46.70 ng/ml



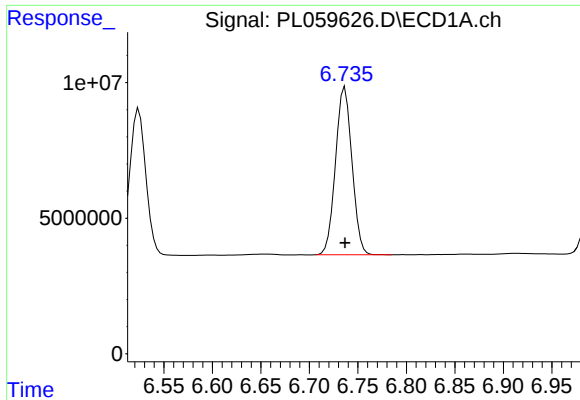
#18 Endrin aldehyde

R.T.: 6.524 min  
Delta R.T.: 0.000 min  
Response: 63699095  
Conc: 50.47 ng/ml



#18 Endrin aldehyde

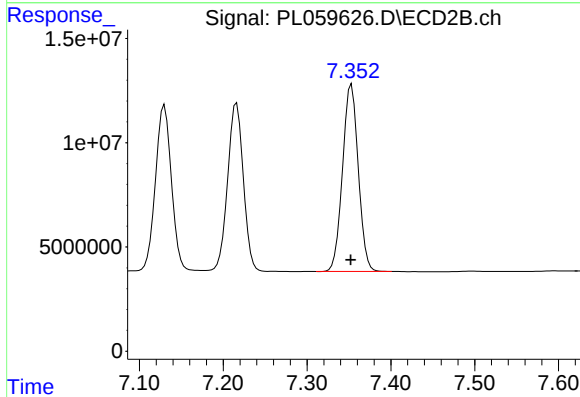
R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 106990199  
Conc: 48.28 ng/ml



#19 Endosulfan Sulfate

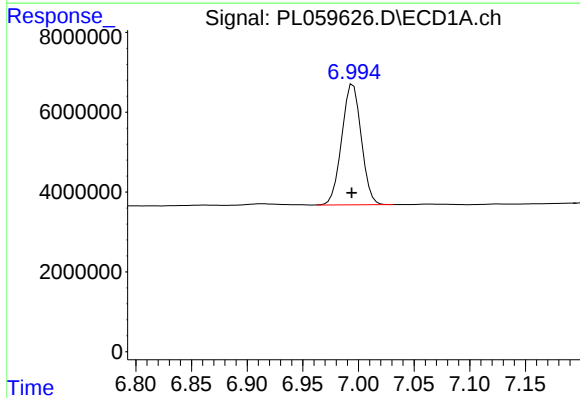
R.T.: 6.737 min  
Delta R.T.: 0.000 min  
Response: 73061206  
Conc: 50.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



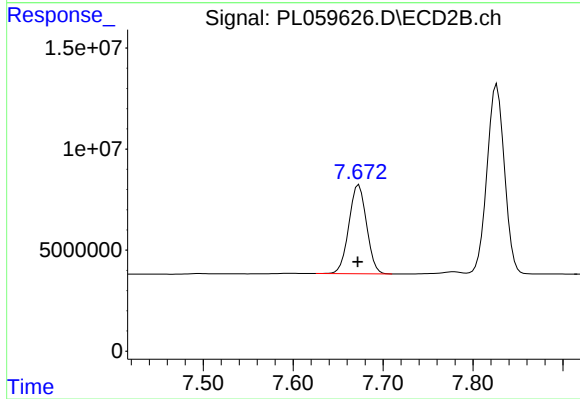
#19 Endosulfan Sulfate

R.T.: 7.353 min  
Delta R.T.: 0.000 min  
Response: 117290514  
Conc: 49.01 ng/ml



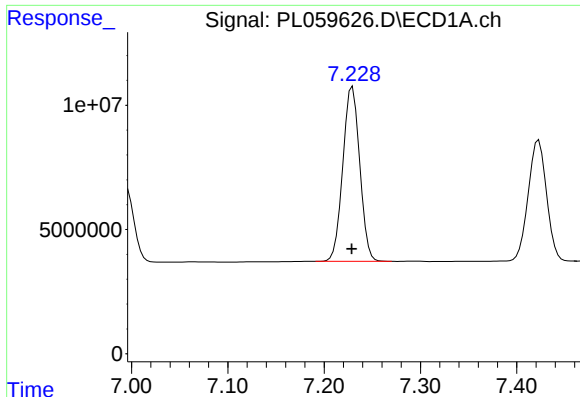
#20 Methoxychlor

R.T.: 6.995 min  
Delta R.T.: 0.001 min  
Response: 36917903  
Conc: 48.24 ng/ml



#20 Methoxychlor

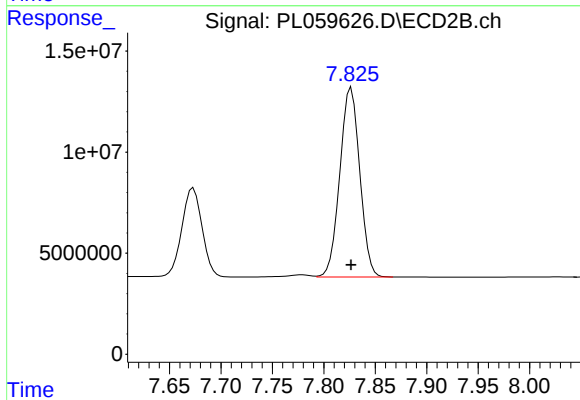
R.T.: 7.673 min  
Delta R.T.: 0.001 min  
Response: 59923779  
Conc: 46.41 ng/ml



#21 Endrin ketone

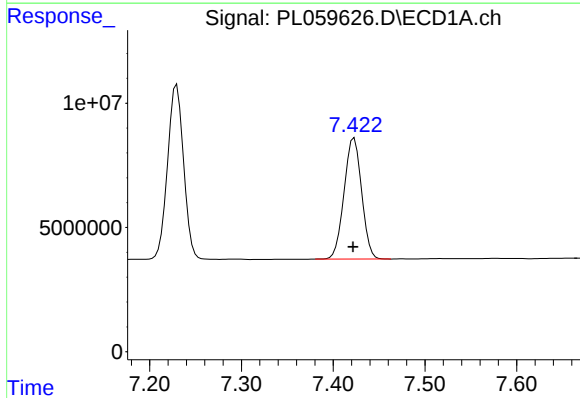
R.T.: 7.229 min  
Delta R.T.: 0.000 min  
Response: 85343854  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



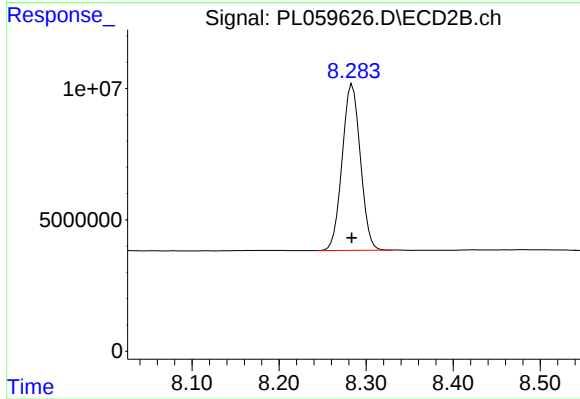
#21 Endrin ketone

R.T.: 7.827 min  
Delta R.T.: 0.000 min  
Response: 126412293  
Conc: 50.17 ng/ml



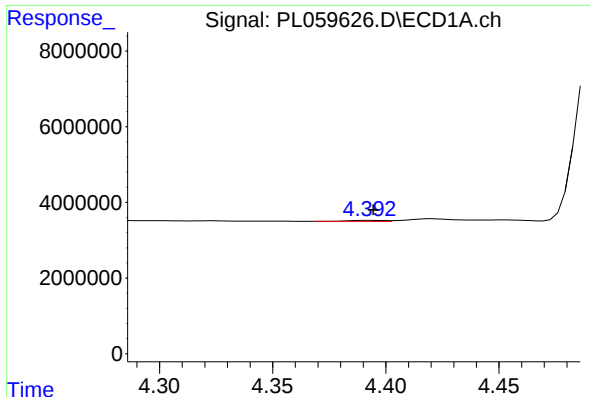
#22 Mirex

R.T.: 7.423 min  
Delta R.T.: 0.001 min  
Response: 64629343  
Conc: 49.77 ng/ml



#22 Mirex

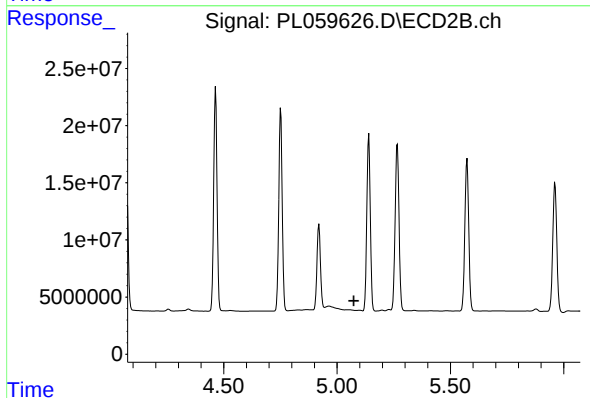
R.T.: 8.284 min  
Delta R.T.: 0.000 min  
Response: 91849465  
Conc: 48.09 ng/ml



#23 Chlordane-1

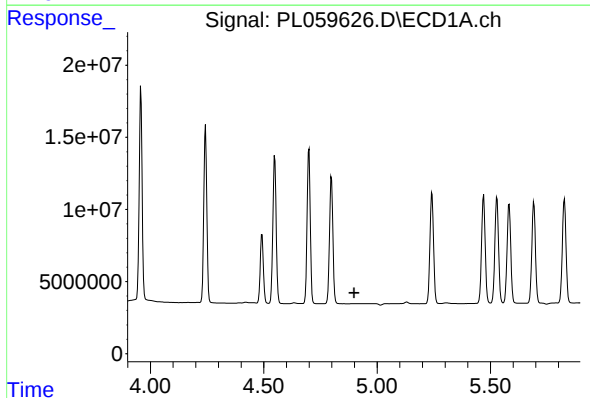
R.T.: 4.393 min  
Delta R.T.: -0.002 min  
Response: 310213  
Conc: 5.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



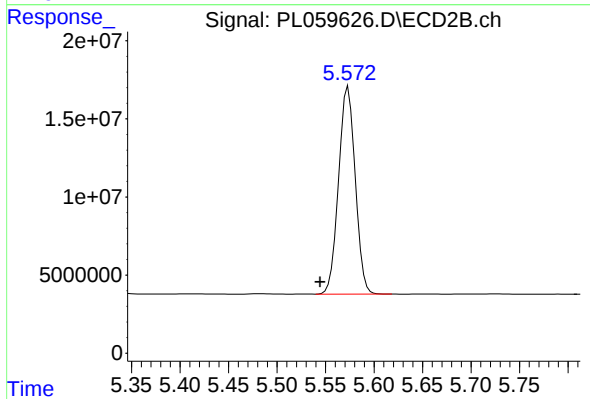
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.074 min  
Response: 0  
Conc: N.D.



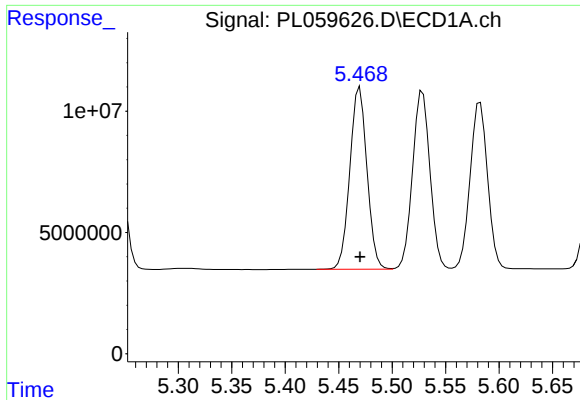
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.898 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

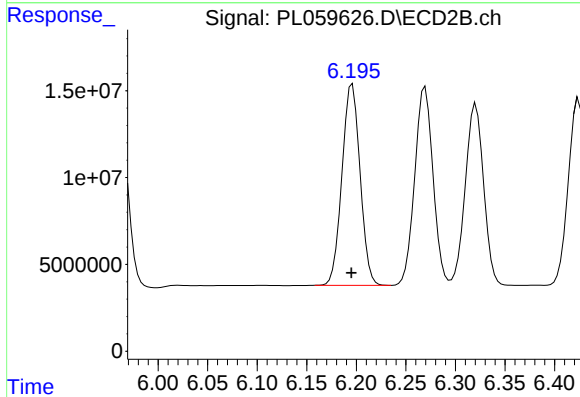
R.T.: 5.573 min  
Delta R.T.: 0.029 min  
Response: 158592833  
Conc: 1557.37 ng/ml



#25 Chlordane-3

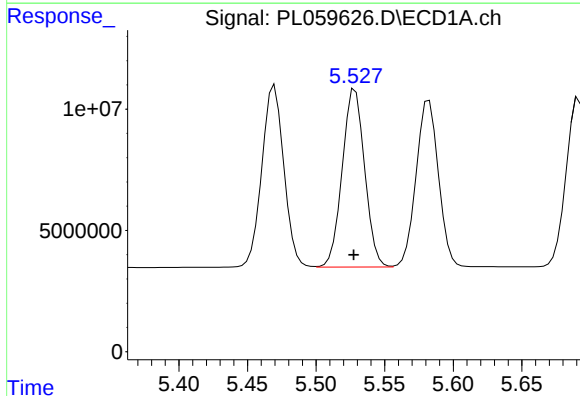
R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 83703047  
Conc: 587.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



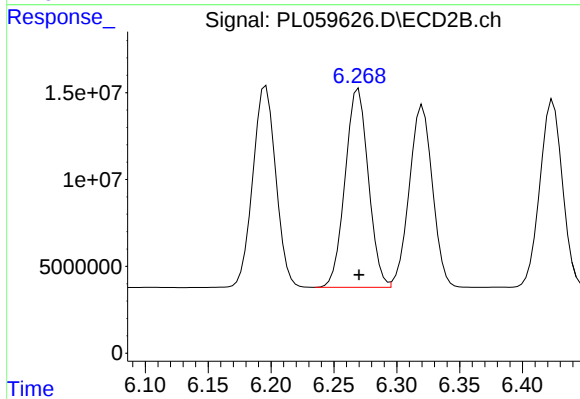
#25 Chlordane-3

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 147239799  
Conc: 392.74 ng/ml



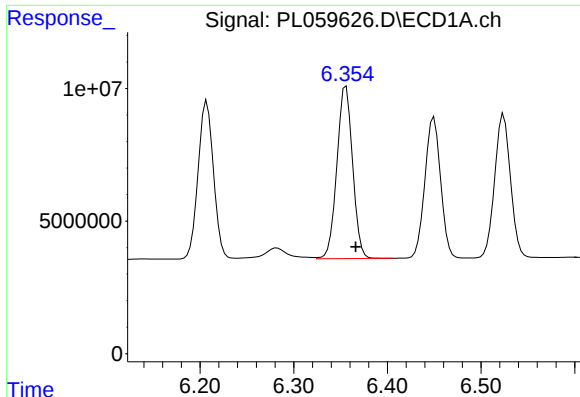
#26 Chlordane-4

R.T.: 5.529 min  
Delta R.T.: 0.001 min  
Response: 83539598  
Conc: 698.99 ng/ml



#26 Chlordane-4

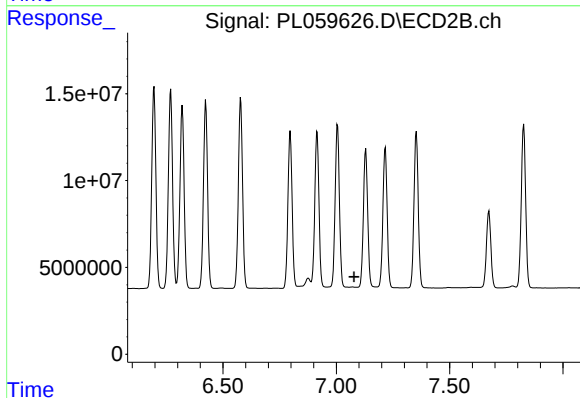
R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 147102571  
Conc: 326.60 ng/ml



#27 Chlordane-5

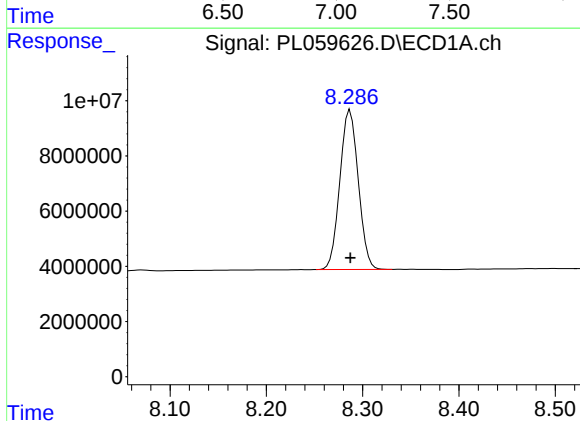
R.T.: 6.356 min  
Delta R.T.: -0.010 min  
Response: 75792307  
Conc: 1475.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



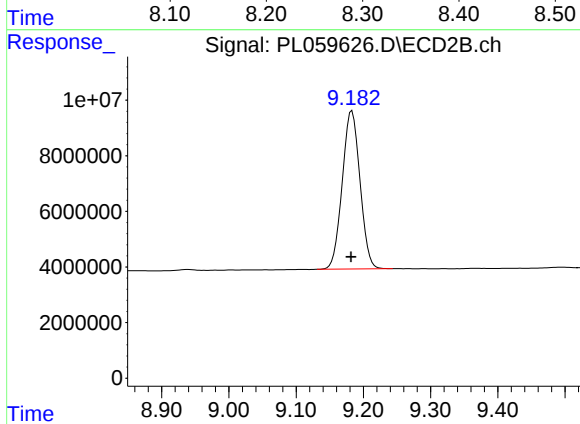
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.287 min  
Delta R.T.: 0.000 min  
Response: 76731446  
Conc: 49.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.183 min  
Delta R.T.: 0.000 min  
Response: 104210765  
Conc: 47.94 ng/ml