

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010424\  
 Data File : PL087626.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jan 2024 10:08  
 Operator : AR\AJ  
 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: Jan 04 22:10:00 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 29 03:17:47 2023  
 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... | 3.429 | 2.677  | 147.3E6  | 60659094 | 49.189  | 50.076    |
| 2)                          | SA Decachlor... | 8.994 | 7.867  | 139.1E6  | 61968324 | 48.841  | 48.916    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.886 | 3.181  | 227.2E6  | 91223519 | 50.627  | 49.495    |
| 3)                          | MA gamma-BHC... | 4.220 | 3.512  | 220.3E6  | 89587839 | 50.512  | 49.298    |
| 4)                          | MA Heptachlor   | 4.813 | 3.854  | 213.4E6  | 85063329 | 48.574  | 47.762    |
| 5)                          | MB Aldrin       | 5.156 | 4.134  | 211.1E6  | 86274809 | 49.252  | 48.884    |
| 6)                          | B beta-BHC      | 4.420 | 3.813  | 91034251 | 37534244 | 48.930  | 49.075    |
| 7)                          | B delta-BHC     | 4.667 | 4.043  | 216.1E6  | 88661284 | 51.365  | 51.075    |
| 8)                          | B Heptachlo...  | 5.587 | 4.642  | 189.1E6  | 73087078 | 49.359  | 45.857    |
| 9)                          | A Endosulfan I  | 5.974 | 5.014  | 173.3E6  | 71309200 | 48.056  | 46.096    |
| 10)                         | B gamma-Chl...  | 5.845 | 4.896  | 190.0E6  | 78232664 | 49.160  | 48.469    |
| 11)                         | B alpha-Chl...  | 5.926 | 4.960  | 188.5E6  | 78440924 | 49.045  | 47.265    |
| 12)                         | B 4,4'-DDE      | 6.107 | 5.159  | 162.3E6  | 68976153 | 50.766  | 51.279    |
| 13)                         | MA Dieldrin     | 6.252 | 5.281  | 183.3E6  | 78424079 | 49.223  | 49.350    |
| 14)                         | MA Endrin       | 6.482 | 5.557  | 140.0E6  | 63850656 | 44.585  | 45.029    |
| 15)                         | B Endosulfa...  | 6.704 | 5.854  | 160.0E6  | 68090259 | 49.883  | 49.738    |
| 16)                         | A 4,4'-DDD      | 6.628 | 5.717  | 135.8E6  | 59758181 | 52.671  | 52.998    |
| 17)                         | MA 4,4'-DDT     | 6.944 | 5.970  | 134.6E6  | 61155067 | 47.057  | 49.137    |
| 18)                         | B Endrin al...  | 6.835 | 6.037  | 118.6E6  | 55951503 | 47.162  | 48.142    |
| 19)                         | B Endosulfa...  | 7.071 | 6.262  | 151.9E6  | 65825437 | 49.662  | 50.146    |
| 20)                         | A Methoxychlor  | 7.430 | 6.556  | 70942039 | 33520439 | 43.695  | 45.539    |
| 21)                         | B Endrin ke...  | 7.558 | 6.768  | 167.8E6  | 81420056 | 51.574  | 53.110    |
| 22)                         | Mirex           | 8.035 | 6.950  | 131.9E6  | 63312447 | 47.039  | 47.200    |
| 23)                         | Chlordane-1     | 0.000 | 3.687  | 0        | 27729    | N.D.    | 0.593 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.273  | 0        | 177323   | N.D.    | 3.169 #   |
| 25)                         | Chlordane-3     | 5.845 | 4.896  | 190.0E6  | 78232664 | 341.630 | 494.341 # |
| 26)                         | Chlordane-4     | 5.926 | 4.960  | 188.5E6  | 78440924 | 272.459 | 459.100 # |
| 27)                         | Chlordane-5     | 0.000 | 5.649f | 0        | 157000   | N.D.    | 3.335 #   |
| -----                       |                 |       |        |          |          |         |           |

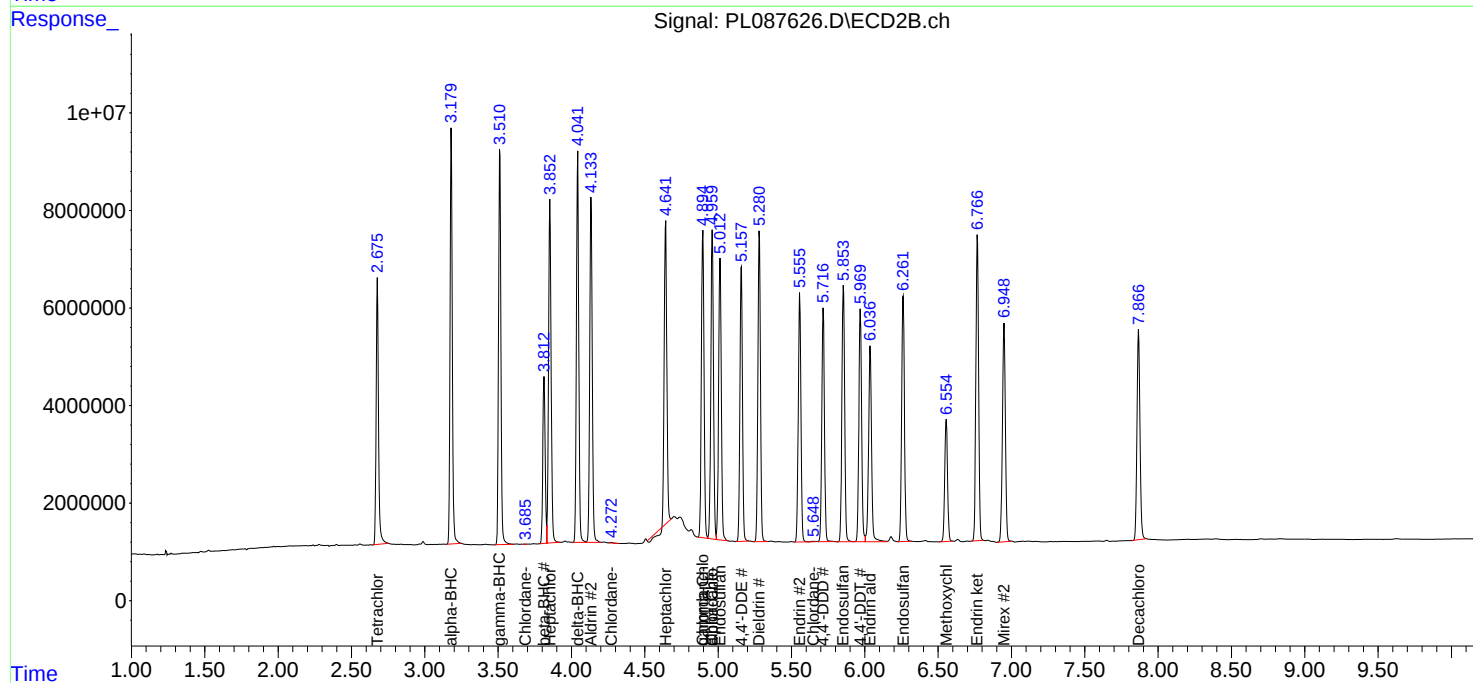
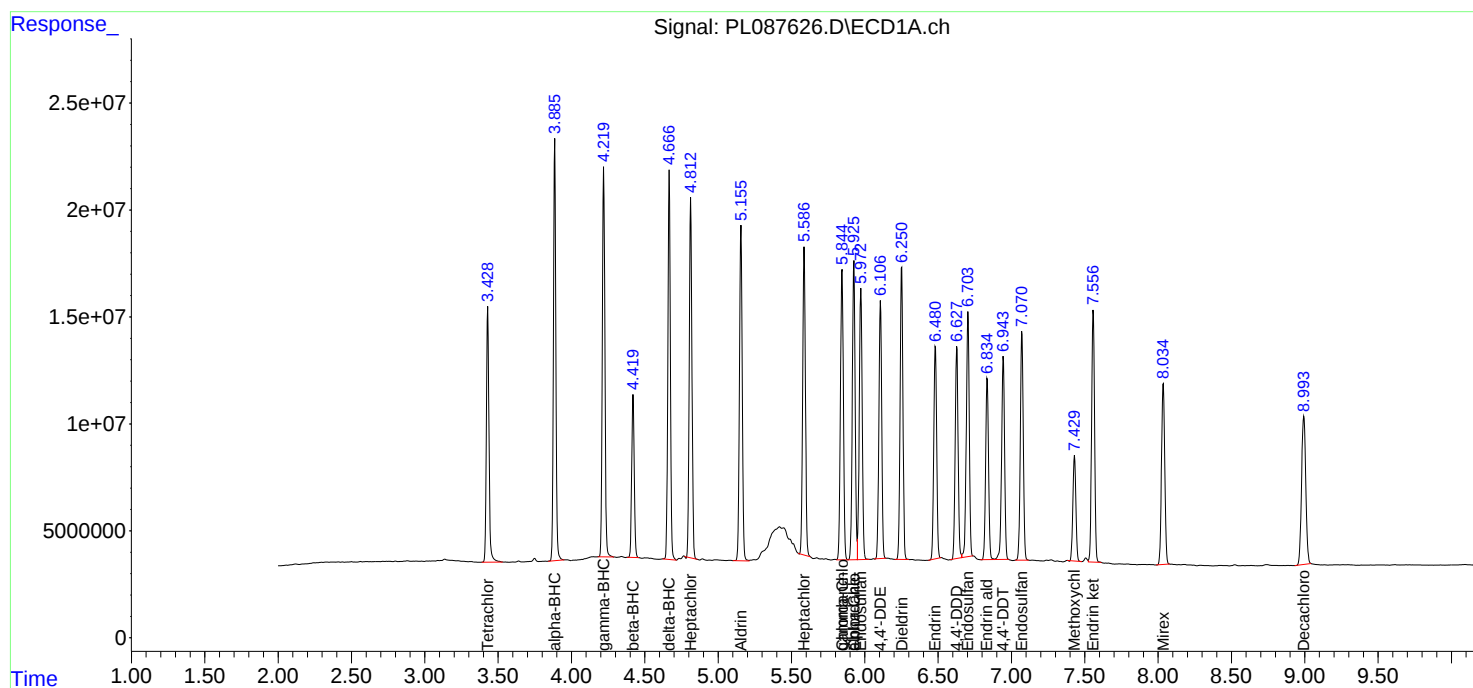
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

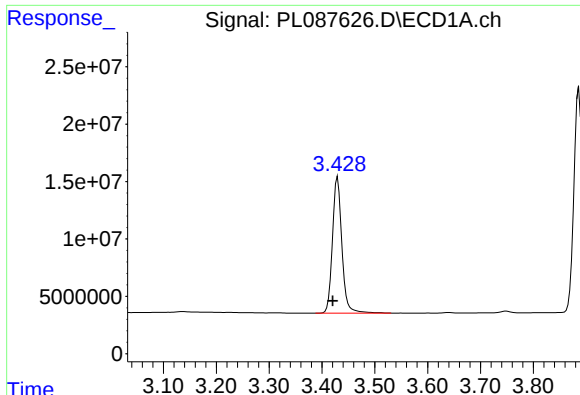
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010424\  
Data File : PL087626.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Jan 2024 10:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 22:10:00 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122823.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 29 03:17:47 2023  
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

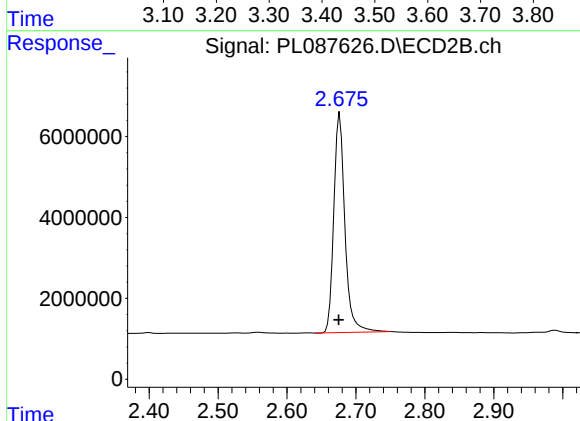




#1 Tetrachloro-m-xylene

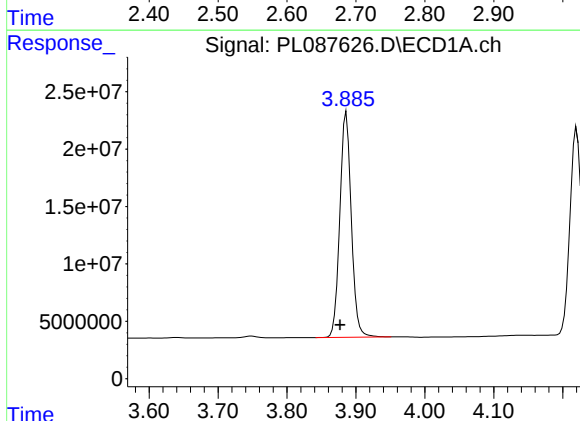
R.T.: 3.429 min  
Delta R.T.: 0.009 min  
Response: 147259259  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



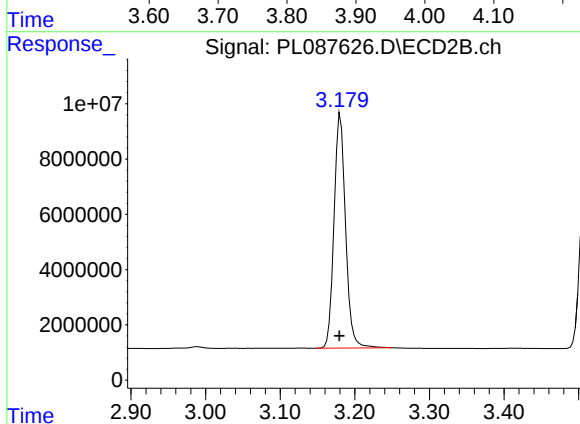
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: 0.002 min  
Response: 60659094  
Conc: 50.08 ng/ml



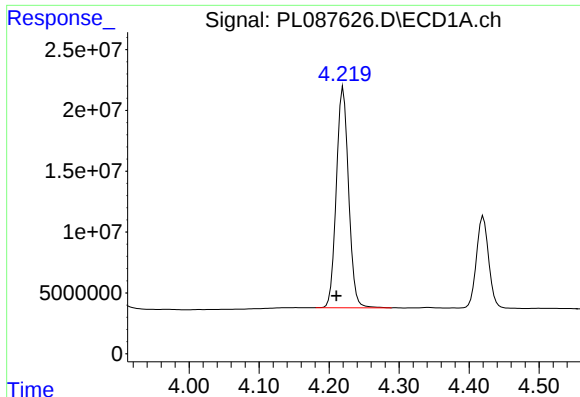
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: 0.009 min  
Response: 227158618  
Conc: 50.63 ng/ml



#2 alpha-BHC

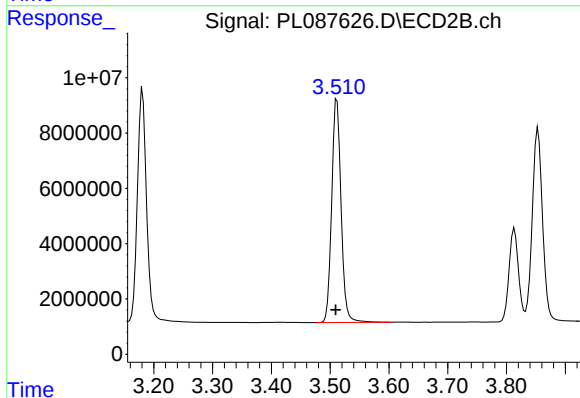
R.T.: 3.181 min  
Delta R.T.: 0.002 min  
Response: 91223519  
Conc: 49.50 ng/ml



#3 gamma-BHC (Lindane)

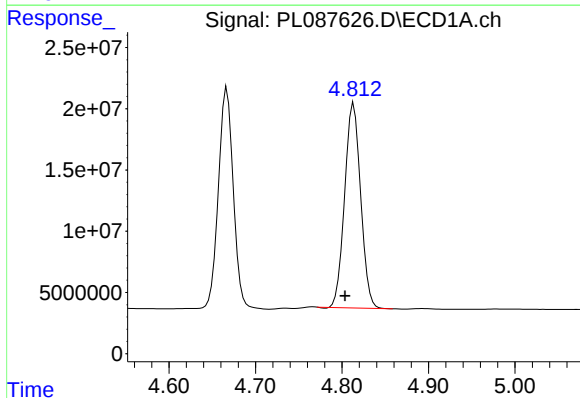
R.T.: 4.220 min  
Delta R.T.: 0.010 min  
Response: 220313940  
Conc: 50.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



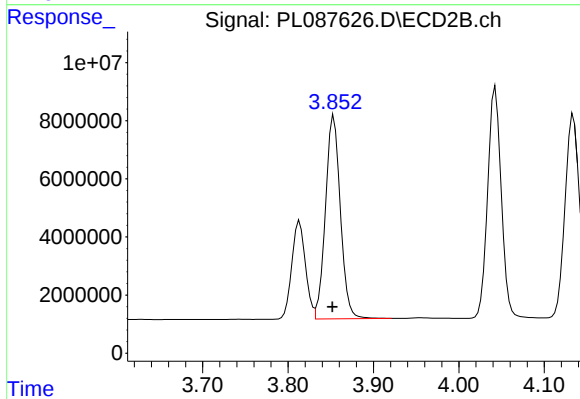
#3 gamma-BHC (Lindane)

R.T.: 3.512 min  
Delta R.T.: 0.002 min  
Response: 89587839  
Conc: 49.30 ng/ml



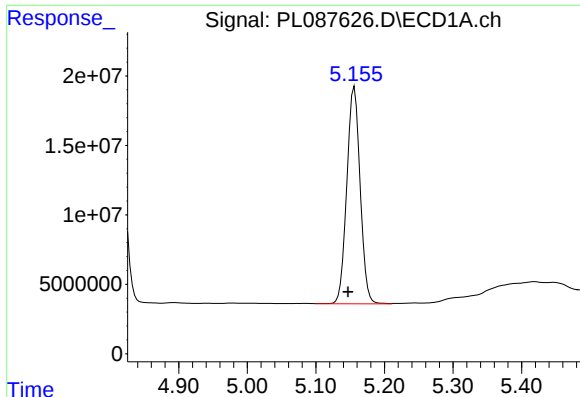
#4 Heptachlor

R.T.: 4.813 min  
Delta R.T.: 0.010 min  
Response: 213440574  
Conc: 48.57 ng/ml



#4 Heptachlor

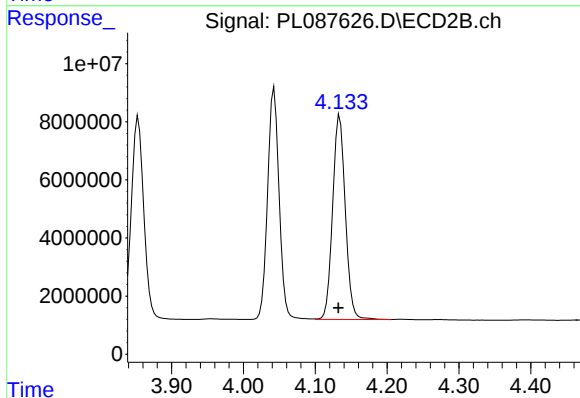
R.T.: 3.854 min  
Delta R.T.: 0.002 min  
Response: 85063329  
Conc: 47.76 ng/ml



#5 Aldrin

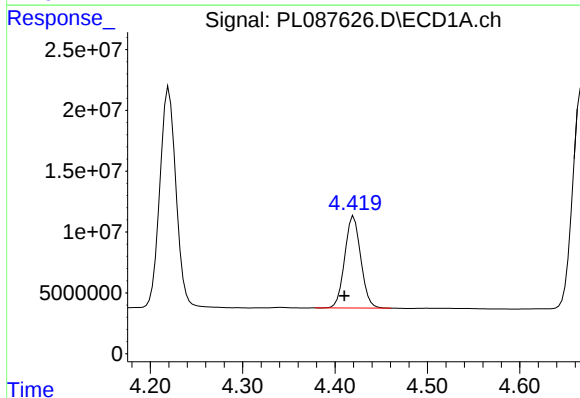
R.T.: 5.156 min  
Delta R.T.: 0.009 min  
Response: 211089777  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



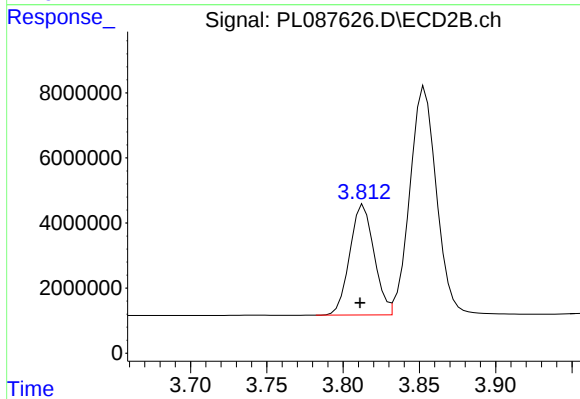
#5 Aldrin

R.T.: 4.134 min  
Delta R.T.: 0.002 min  
Response: 86274809  
Conc: 48.88 ng/ml



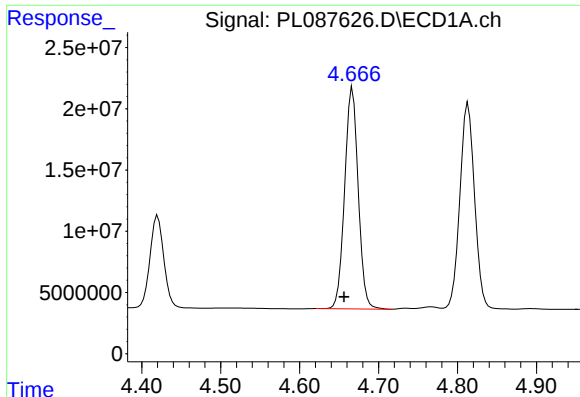
#6 beta-BHC

R.T.: 4.420 min  
Delta R.T.: 0.010 min  
Response: 91034251  
Conc: 48.93 ng/ml



#6 beta-BHC

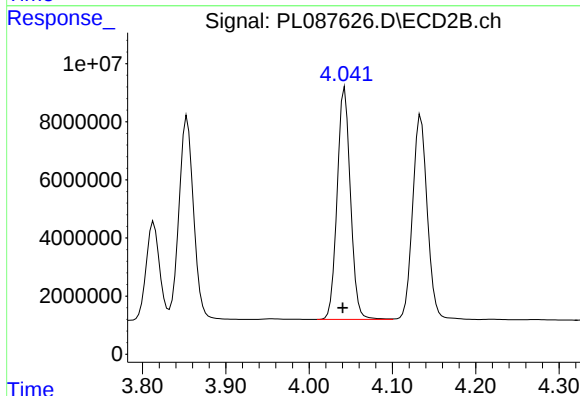
R.T.: 3.813 min  
Delta R.T.: 0.002 min  
Response: 37534244  
Conc: 49.07 ng/ml



#7 delta-BHC

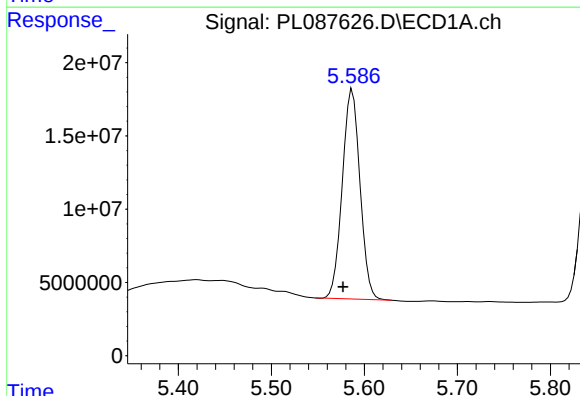
R.T.: 4.667 min  
Delta R.T.: 0.011 min  
Response: 216139779  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



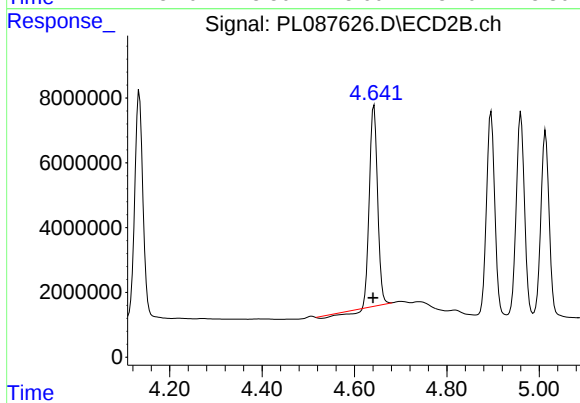
#7 delta-BHC

R.T.: 4.043 min  
Delta R.T.: 0.002 min  
Response: 88661284  
Conc: 51.07 ng/ml



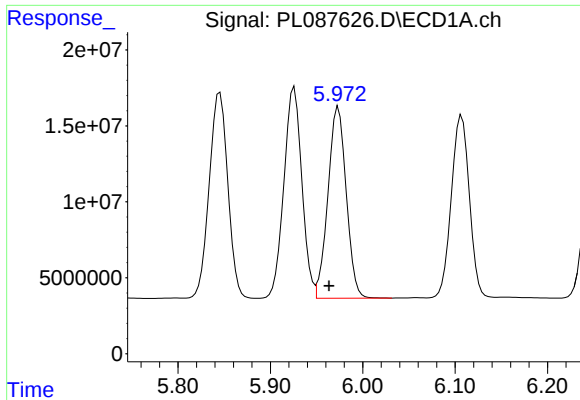
#8 Heptachlor epoxide

R.T.: 5.587 min  
Delta R.T.: 0.010 min  
Response: 189104092  
Conc: 49.36 ng/ml



#8 Heptachlor epoxide

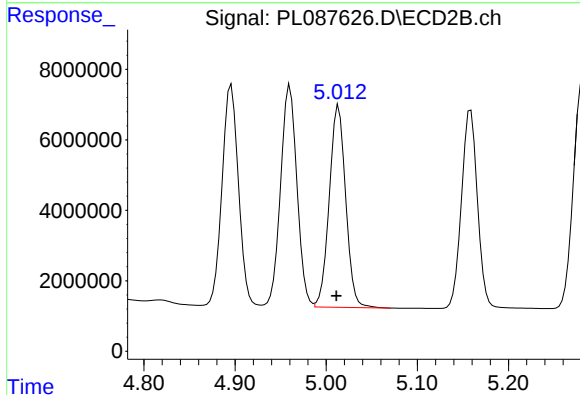
R.T.: 4.642 min  
Delta R.T.: 0.002 min  
Response: 73087078  
Conc: 45.86 ng/ml



#9 Endosulfan I

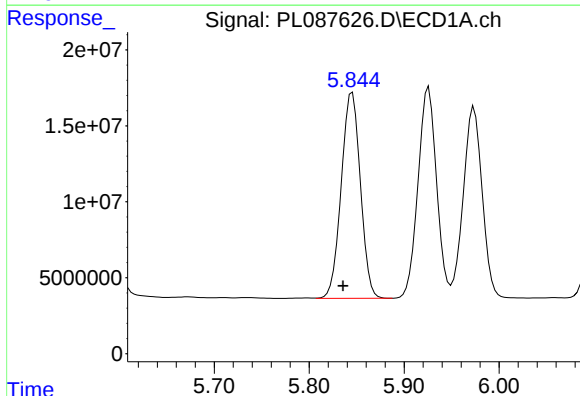
R.T.: 5.974 min  
Delta R.T.: 0.010 min  
Response: 173290118  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



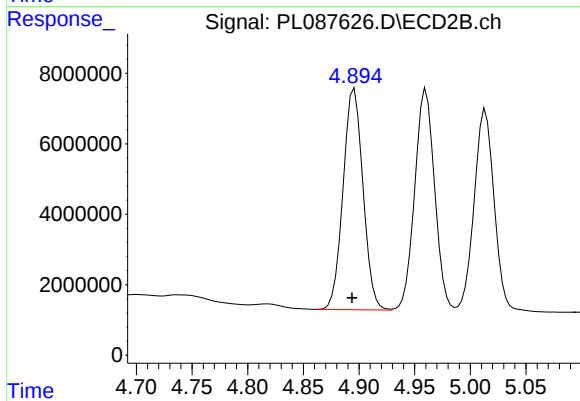
#9 Endosulfan I

R.T.: 5.014 min  
Delta R.T.: 0.002 min  
Response: 71309200  
Conc: 46.10 ng/ml



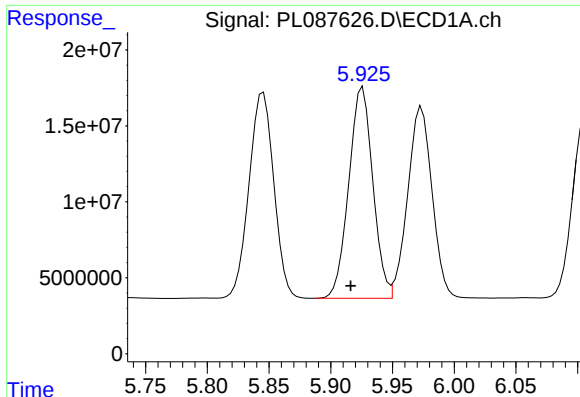
#10 gamma-Chlordane

R.T.: 5.845 min  
Delta R.T.: 0.010 min  
Response: 190036675  
Conc: 49.16 ng/ml



#10 gamma-Chlordane

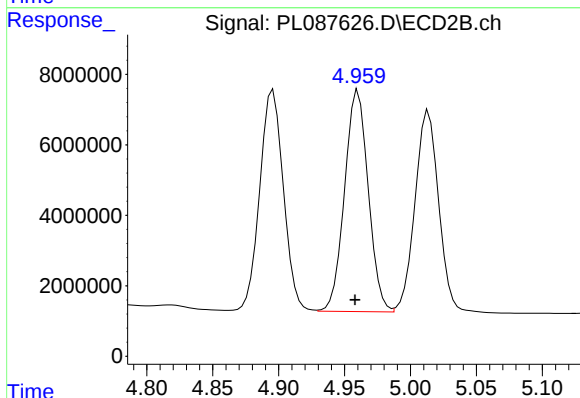
R.T.: 4.896 min  
Delta R.T.: 0.002 min  
Response: 78232664  
Conc: 48.47 ng/ml



#11 alpha-Chlordane

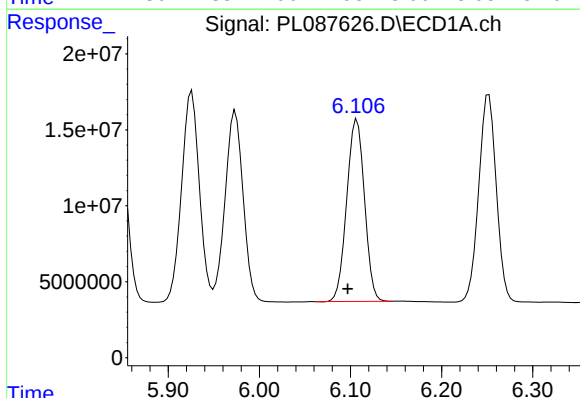
R.T.: 5.926 min  
Delta R.T.: 0.010 min  
Response: 188465204  
Conc: 49.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



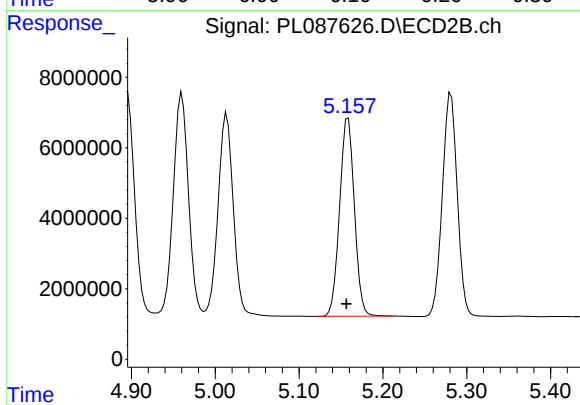
#11 alpha-Chlordane

R.T.: 4.960 min  
Delta R.T.: 0.002 min  
Response: 78440924  
Conc: 47.26 ng/ml



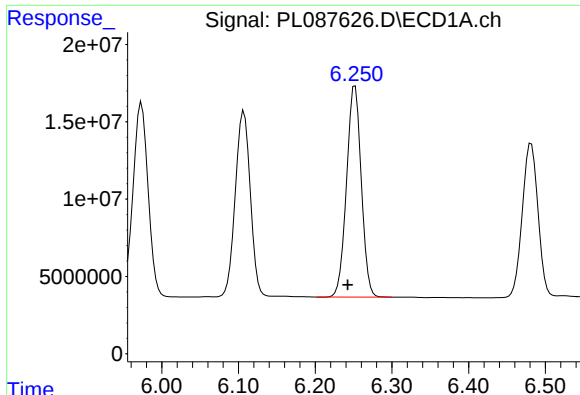
#12 4,4'-DDE

R.T.: 6.107 min  
Delta R.T.: 0.010 min  
Response: 162306884  
Conc: 50.77 ng/ml



#12 4,4'-DDE

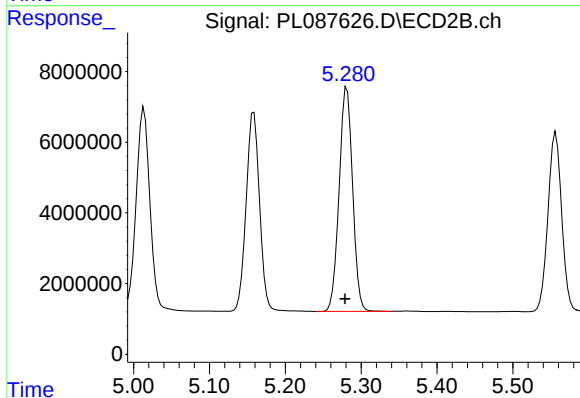
R.T.: 5.159 min  
Delta R.T.: 0.002 min  
Response: 68976153  
Conc: 51.28 ng/ml



#13 Dieldrin

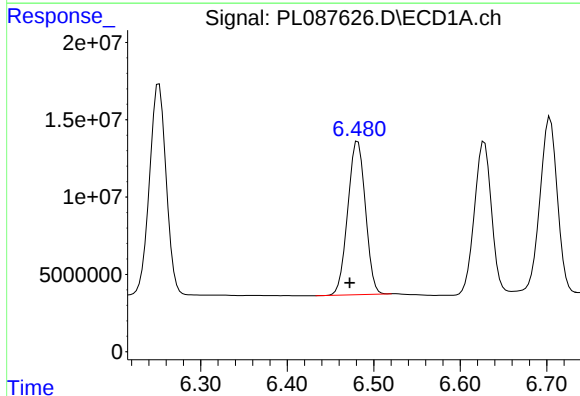
R.T.: 6.252 min  
Delta R.T.: 0.009 min  
Response: 183348818  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



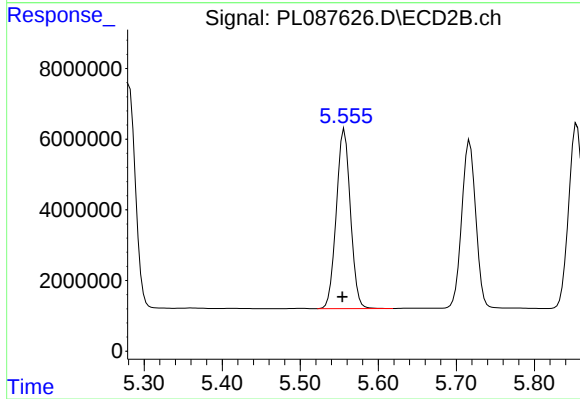
#13 Dieldrin

R.T.: 5.281 min  
Delta R.T.: 0.002 min  
Response: 78424079  
Conc: 49.35 ng/ml



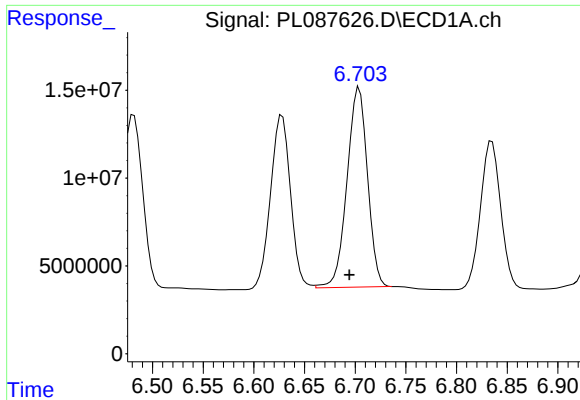
#14 Endrin

R.T.: 6.482 min  
Delta R.T.: 0.009 min  
Response: 140035719  
Conc: 44.58 ng/ml



#14 Endrin

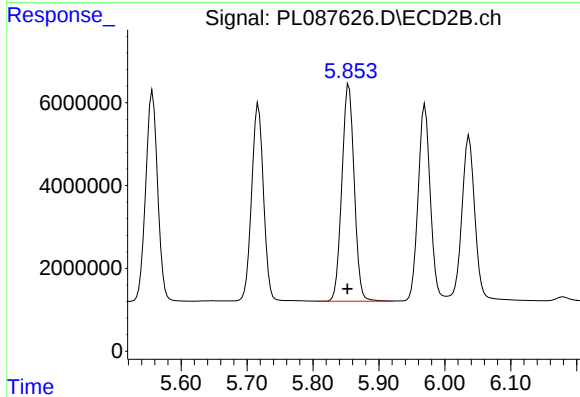
R.T.: 5.557 min  
Delta R.T.: 0.002 min  
Response: 63850656  
Conc: 45.03 ng/ml



#15 Endosulfan II

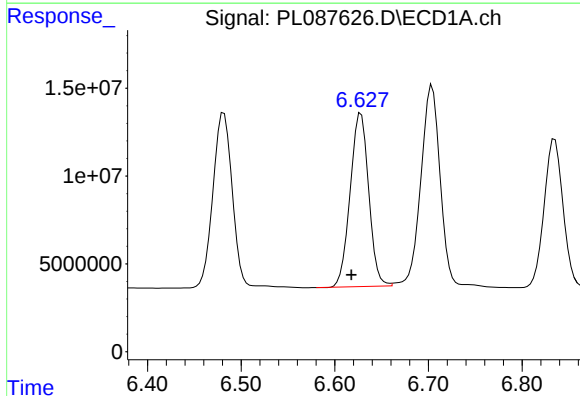
R.T.: 6.704 min  
Delta R.T.: 0.009 min  
Response: 159973752  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



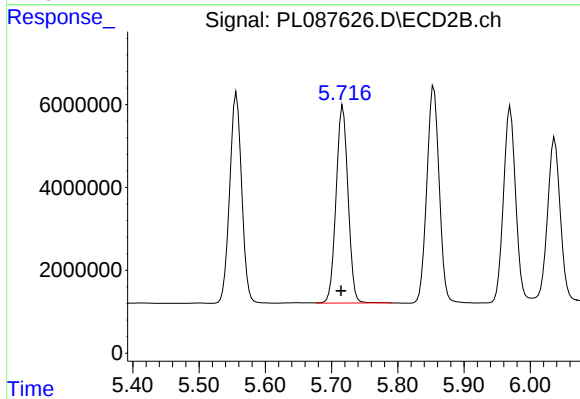
#15 Endosulfan II

R.T.: 5.854 min  
Delta R.T.: 0.002 min  
Response: 68090259  
Conc: 49.74 ng/ml



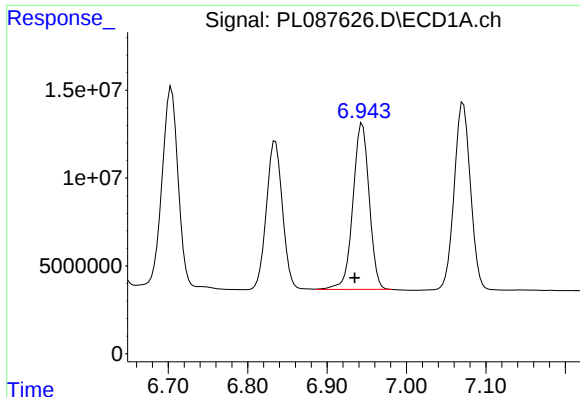
#16 4,4'-DDD

R.T.: 6.628 min  
Delta R.T.: 0.010 min  
Response: 135816530  
Conc: 52.67 ng/ml



#16 4,4'-DDD

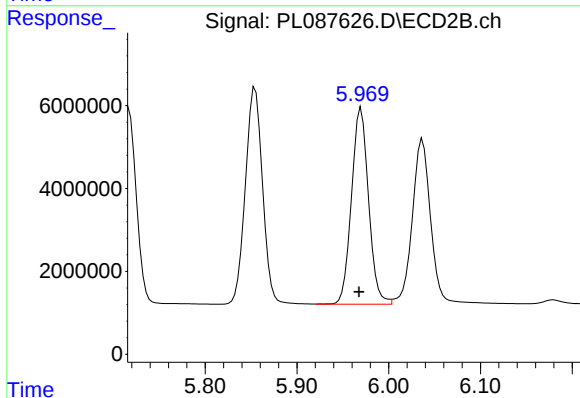
R.T.: 5.717 min  
Delta R.T.: 0.003 min  
Response: 59758181  
Conc: 53.00 ng/ml



#17 4,4'-DDT

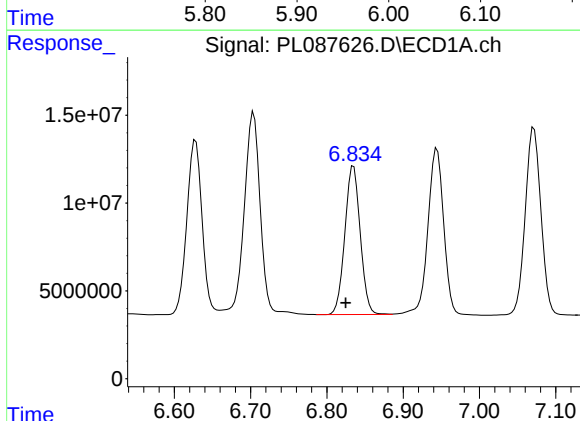
R.T.: 6.944 min  
Delta R.T.: 0.010 min  
Response: 134563304  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



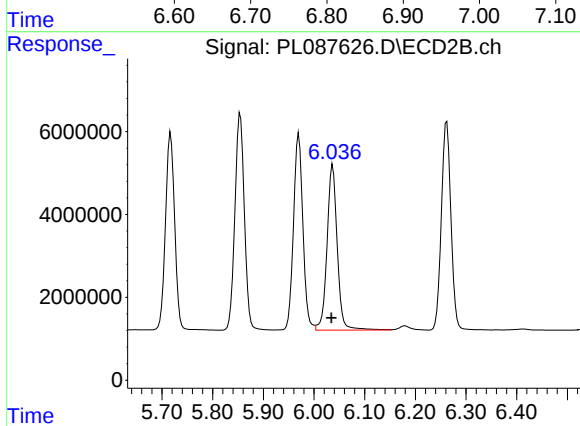
#17 4,4'-DDT

R.T.: 5.970 min  
Delta R.T.: 0.002 min  
Response: 61155067  
Conc: 49.14 ng/ml



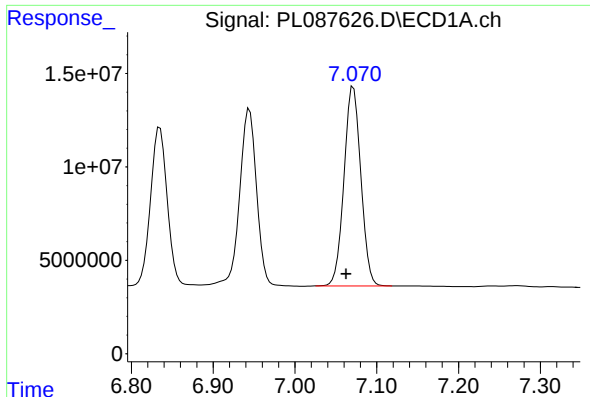
#18 Endrin aldehyde

R.T.: 6.835 min  
Delta R.T.: 0.010 min  
Response: 118627398  
Conc: 47.16 ng/ml



#18 Endrin aldehyde

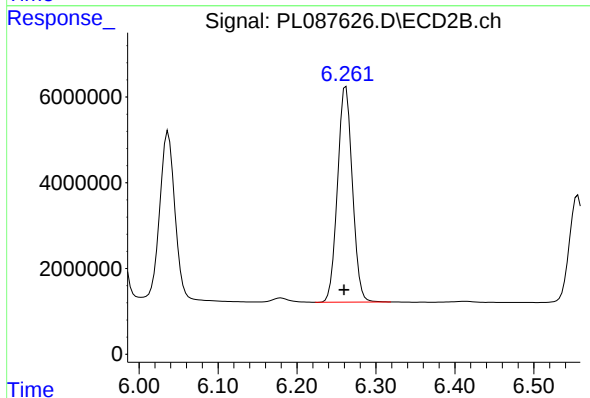
R.T.: 6.037 min  
Delta R.T.: 0.002 min  
Response: 55951503  
Conc: 48.14 ng/ml



#19 Endosulfan Sulfate

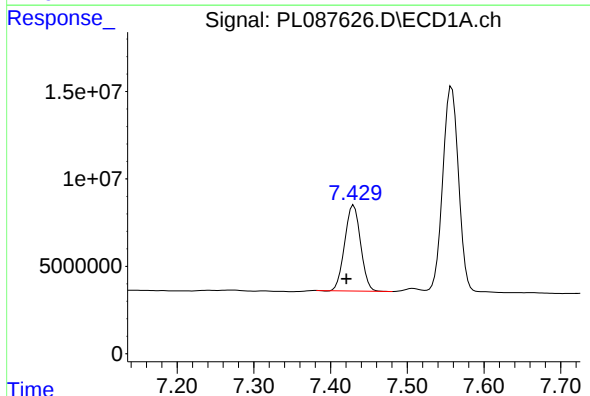
R.T.: 7.071 min  
Delta R.T.: 0.009 min  
Response: 151891249  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



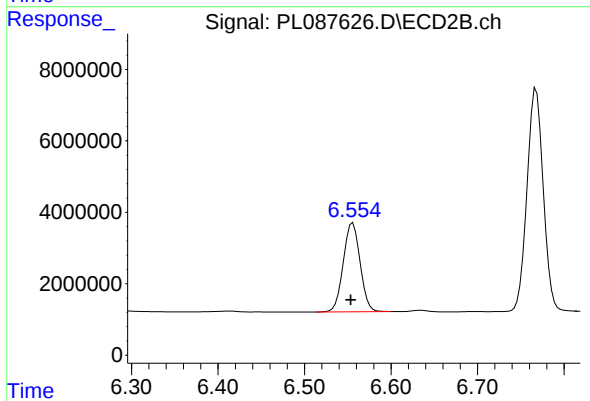
#19 Endosulfan Sulfate

R.T.: 6.262 min  
Delta R.T.: 0.002 min  
Response: 65825437  
Conc: 50.15 ng/ml



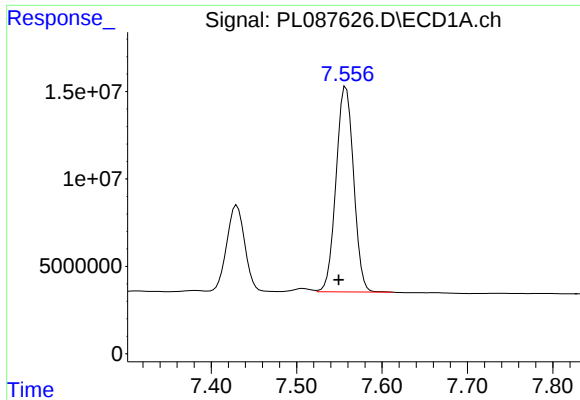
#20 Methoxychlor

R.T.: 7.430 min  
Delta R.T.: 0.009 min  
Response: 70942039  
Conc: 43.69 ng/ml



#20 Methoxychlor

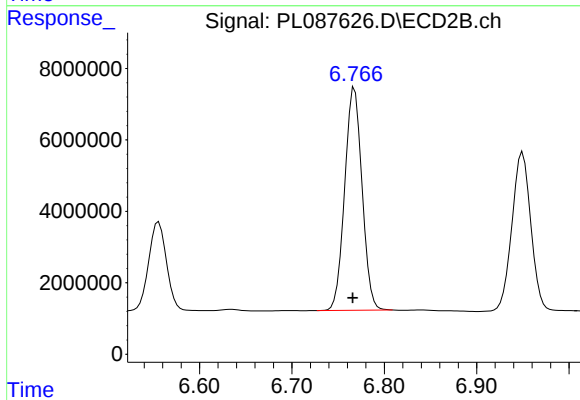
R.T.: 6.556 min  
Delta R.T.: 0.002 min  
Response: 33520439  
Conc: 45.54 ng/ml



#21 Endrin ketone

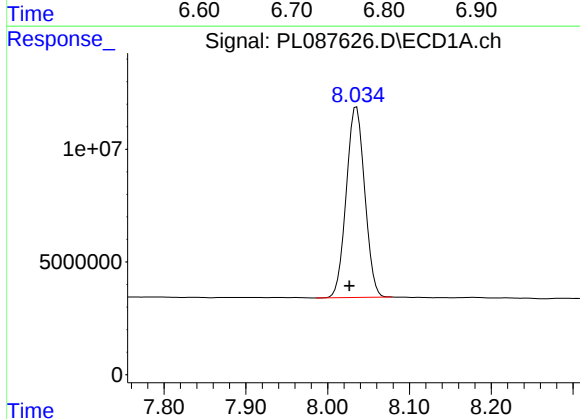
R.T.: 7.558 min  
Delta R.T.: 0.008 min  
Response: 167751414  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



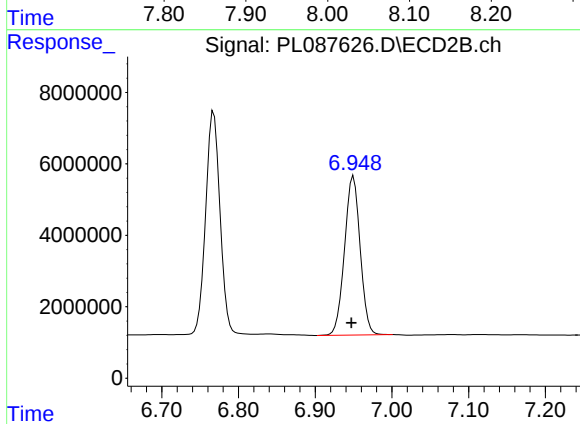
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: 0.002 min  
Response: 81420056  
Conc: 53.11 ng/ml



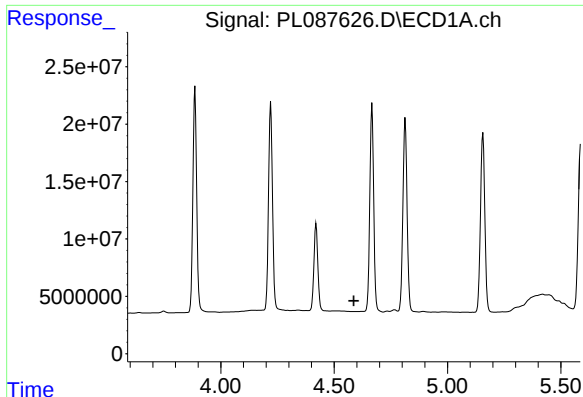
#22 Mirex

R.T.: 8.035 min  
Delta R.T.: 0.009 min  
Response: 131891723  
Conc: 47.04 ng/ml



#22 Mirex

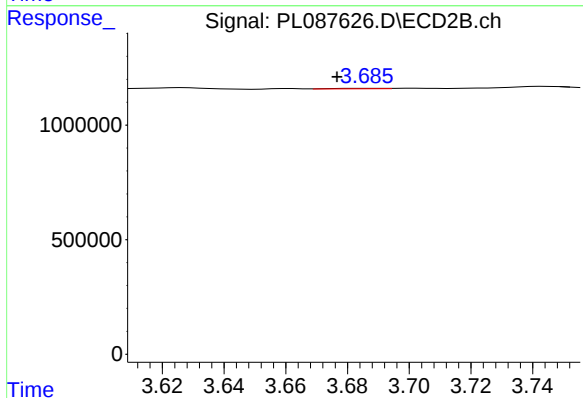
R.T.: 6.950 min  
Delta R.T.: 0.003 min  
Response: 63312447  
Conc: 47.20 ng/ml



#23 Chlordane-1

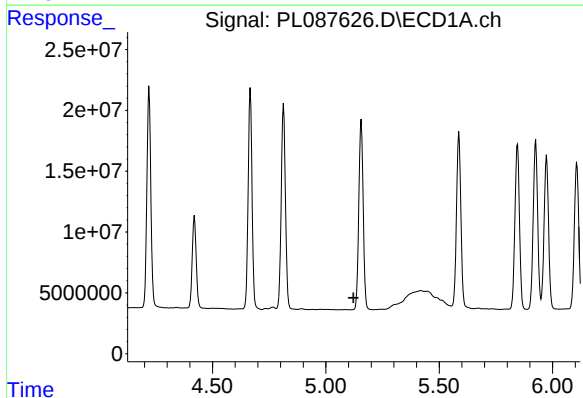
R.T.: 0.000 min  
Exp R.T.: 4.587 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



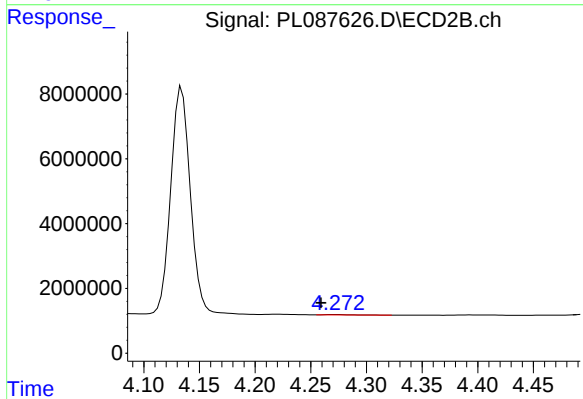
#23 Chlordane-1

R.T.: 3.687 min  
Delta R.T.: 0.010 min  
Response: 27729  
Conc: 0.59 ng/ml



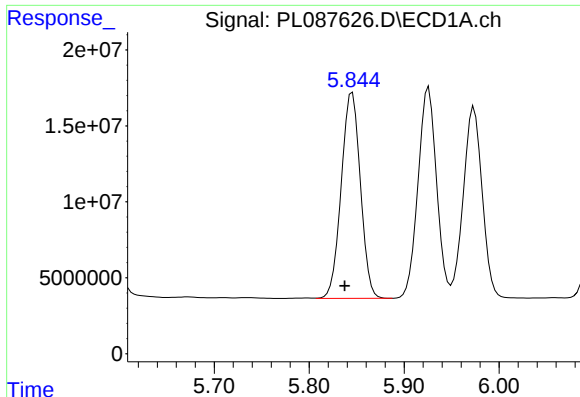
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.123 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

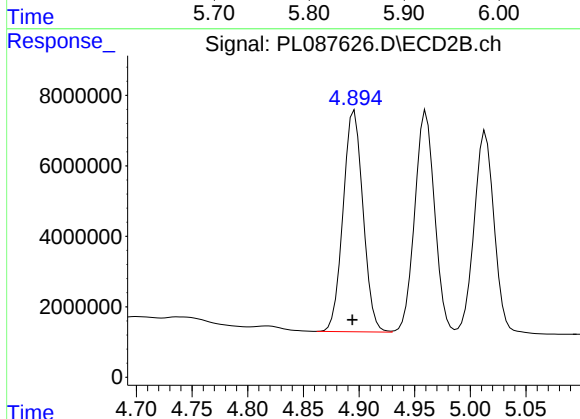
R.T.: 4.273 min  
Delta R.T.: 0.014 min  
Response: 177323  
Conc: 3.17 ng/ml



#25 Chlordane-3

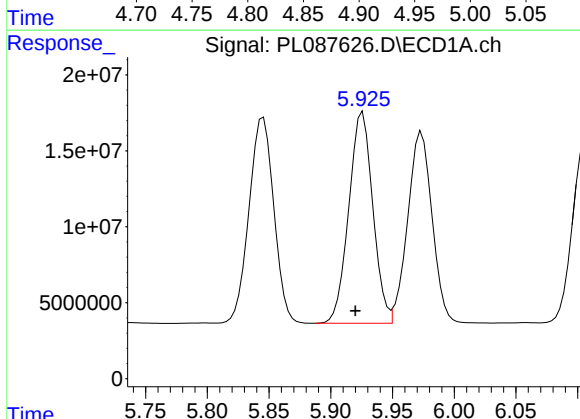
R.T.: 5.845 min  
Delta R.T.: 0.008 min  
Response: 190036675  
Conc: 341.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



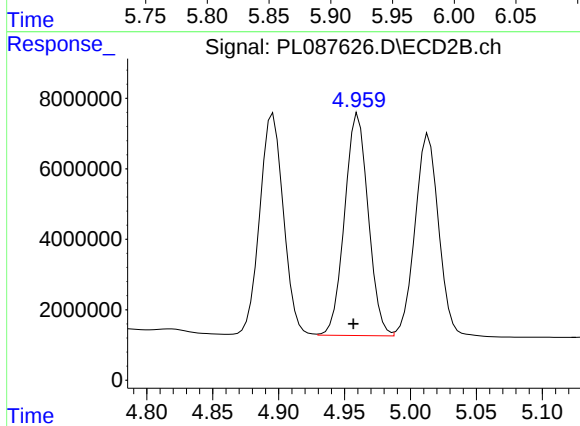
#25 Chlordane-3

R.T.: 4.896 min  
Delta R.T.: 0.002 min  
Response: 78232664  
Conc: 494.34 ng/ml



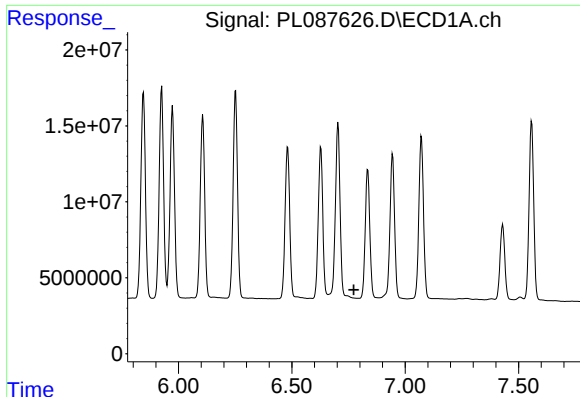
#26 Chlordane-4

R.T.: 5.926 min  
Delta R.T.: 0.006 min  
Response: 188465204  
Conc: 272.46 ng/ml



#26 Chlordane-4

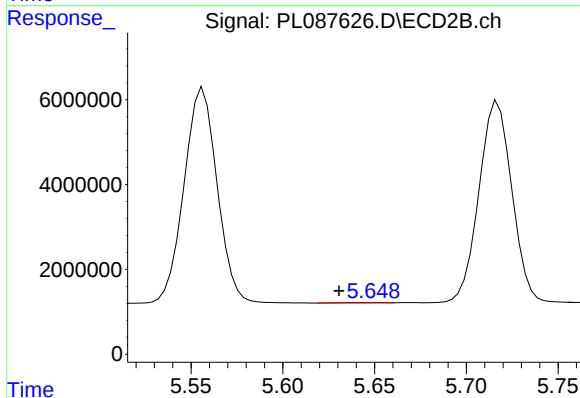
R.T.: 4.960 min  
Delta R.T.: 0.004 min  
Response: 78440924  
Conc: 459.10 ng/ml



#27 Chlordane-5

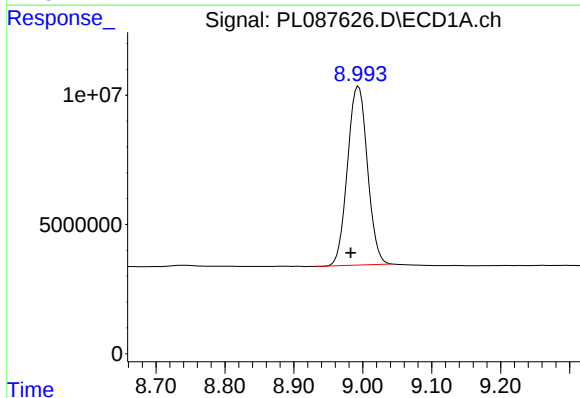
R.T.: 0.000 min  
Exp R.T.: 6.773 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



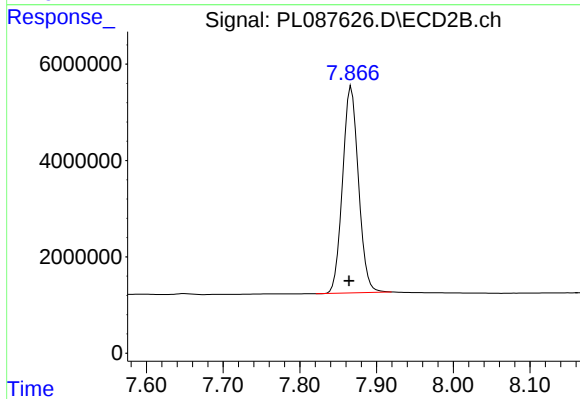
#27 Chlordane-5

R.T.: 5.649 min  
Delta R.T.: 0.019 min  
Response: 157000  
Conc: 3.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.994 min  
Delta R.T.: 0.011 min  
Response: 139098070  
Conc: 48.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.867 min  
Delta R.T.: 0.003 min  
Response: 61968324  
Conc: 48.92 ng/ml