

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
 Data File : PL087326.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2023 15:11  
 Operator : AR\AJ  
 Sample : 05897-24MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 00:27:45 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 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... | 3.422  | 2.677 | 51596697 | 21075937 | 13.710   | 12.521    |
| 28)                         | SA Decachlor... | 8.980  | 7.868 | 45063793 | 20323227 | 13.215   | 12.033    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.878  | 3.182 | 193.0E6  | 79828906 | 35.639   | 32.482    |
| 3)                          | MA gamma-BHC... | 4.212  | 3.513 | 181.2E6  | 77007621 | 34.474   | 31.790    |
| 4)                          | MA Heptachlor   | 4.804  | 3.855 | 187.1E6  | 79017234 | 35.118   | 33.058    |
| 5)                          | MB Aldrin       | 5.147  | 4.136 | 175.9E6  | 74358697 | 33.790   | 31.012    |
| 6)                          | B beta-BHC      | 4.411  | 3.814 | 78725214 | 32266573 | 34.276   | 30.996    |
| 7)                          | B delta-BHC     | 4.658  | 4.044 | 132.0E6  | 73726170 | 25.237   | 30.139    |
| 8)                          | B Heptachlo...  | 5.578  | 4.644 | 151.7E6  | 68602492 | 32.191   | 30.828    |
| 9)                          | A Endosulfan I  | 5.964  | 5.015 | 150.1E6  | 87048999 | 33.605   | 40.279    |
| 10)                         | B gamma-Chl...  | 5.836  | 4.897 | 161.1E6  | 69832000 | 33.224   | 30.530    |
| 11)                         | B alpha-Chl...  | 5.916  | 4.961 | 159.5E6  | 78624430 | 33.192   | 34.066    |
| 12)                         | B 4,4'-DDE      | 6.097  | 5.159 | 134.7E6  | 57801690 | 32.511   | 29.112    |
| 13)                         | MA Dieldrin     | 6.243  | 5.282 | 151.4E6  | 66122437 | 32.622   | 29.681    |
| 14)                         | MA Endrin       | 6.473  | 5.558 | 127.8E6  | 59538826 | 33.210   | 29.834    |
| 15)                         | B Endosulfa...  | 6.695  | 5.855 | 119.5E6  | 53592213 | 29.799   | 27.525    |
| 16)                         | A 4,4'-DDD      | 6.618  | 5.718 | 105.0E6  | 47288620 | 31.774   | 28.560    |
| 17)                         | MA 4,4'-DDT     | 6.934  | 5.971 | 121.2E6  | 53823387 | 32.227   | 29.183    |
| 18)                         | B Endrin al...  | 6.825  | 6.037 | 97128776 | 43015103 | 33.512   | 29.309    |
| 19)                         | B Endosulfa...  | 7.062  | 6.263 | 127.1E6  | 55623754 | 32.356   | 29.527    |
| 20)                         | A Methoxychlor  | 7.420  | 6.557 | 63370437 | 30117841 | 32.499   | 29.487    |
| 21)                         | B Endrin ke...  | 7.549  | 6.768 | 128.0E6  | 63488120 | 31.469   | 29.825    |
| 22)                         | Mirex           | 8.025  | 6.950 | 109.5E6  | 53332379 | 32.500   | 29.977    |
| 23)                         | Chlordane-1     | 0.000  | 3.693 | 0        | 758831   | N.D.     | 12.232 #  |
| 24)                         | Chlordane-2     | 5.147f | 0.000 | 175.9E6  | 0        | 1009.972 | N.D. #    |
| 25)                         | Chlordane-3     | 5.836  | 4.897 | 161.1E6  | 69832000 | 231.075  | 315.886 # |
| 26)                         | Chlordane-4     | 5.916  | 4.961 | 159.5E6  | 78624430 | 186.564  | 337.709 # |
| 27)                         | Chlordane-5     | 0.000  | 5.628 | 0        | 85640    | N.D.     | 1.324 #   |
| -----                       |                 |        |       |          |          |          |           |

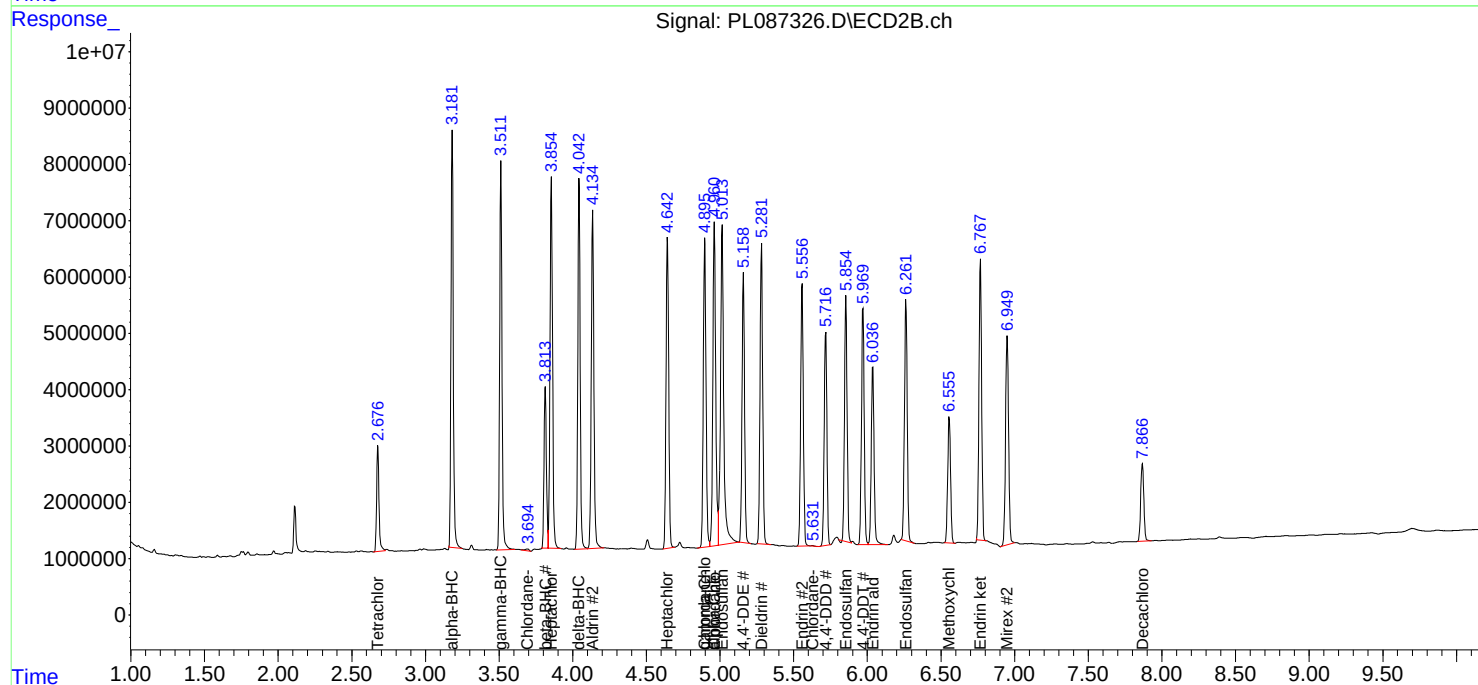
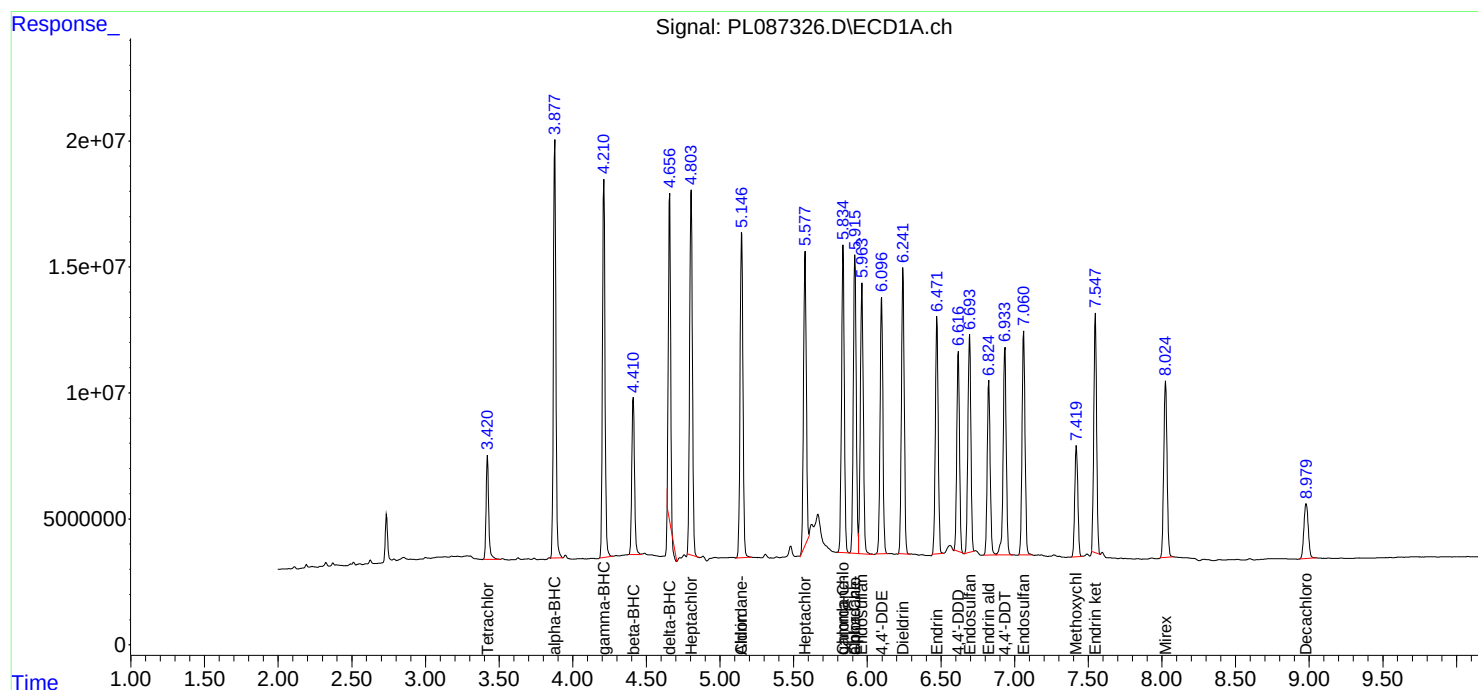
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

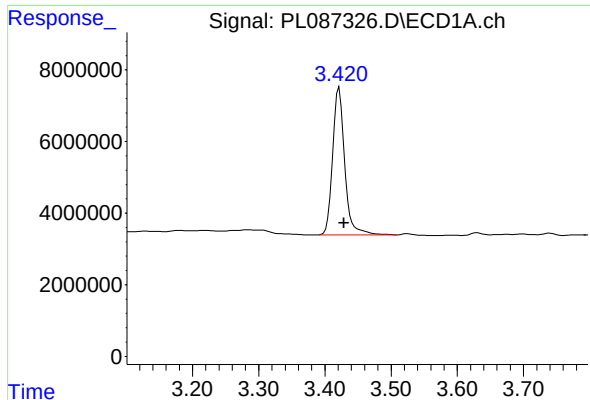
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122123\  
Data File : PL087326.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2023 15:11  
Operator : AR\AJ  
Sample : 05897-24MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 00:27:45 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 04:03:23 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

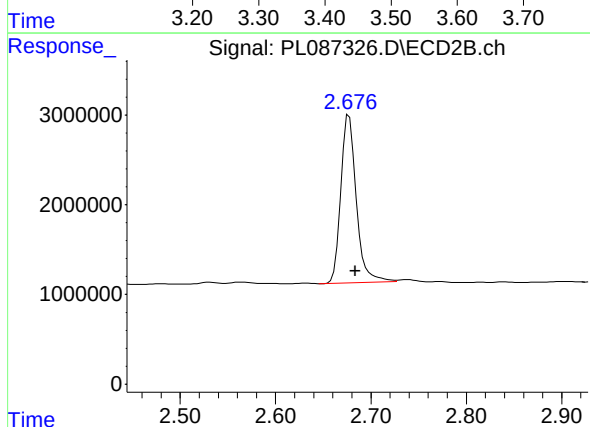




#1 Tetrachloro-m-xylene

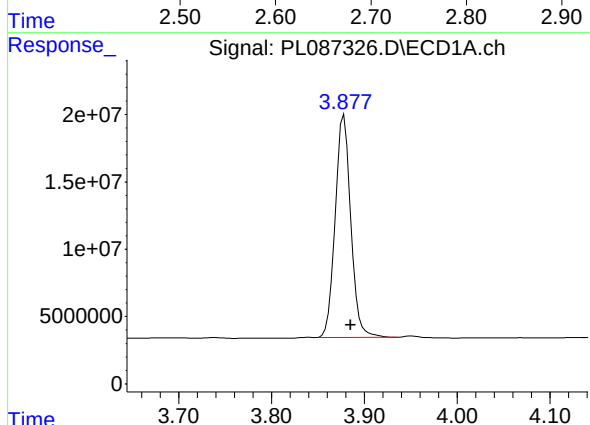
R.T.: 3.422 min  
Delta R.T.: -0.007 min  
Response: 51596697  
Conc: 13.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



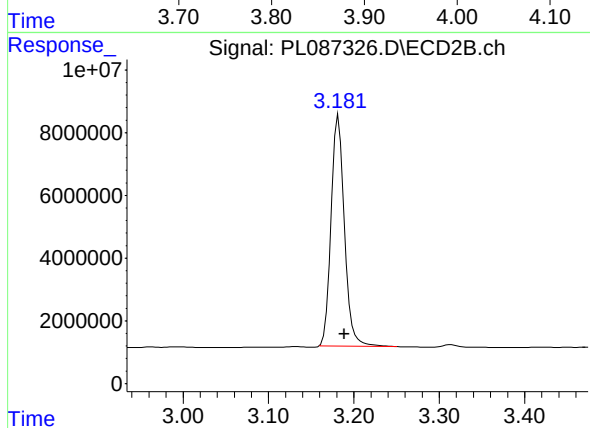
#1 Tetrachloro-m-xylene

R.T.: 2.677 min  
Delta R.T.: -0.006 min  
Response: 21075937  
Conc: 12.52 ng/ml



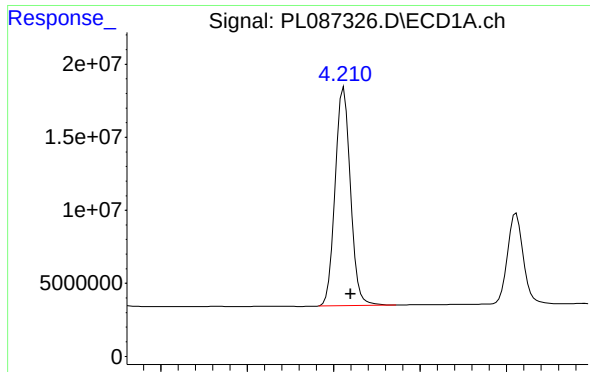
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: -0.007 min  
Response: 192956546  
Conc: 35.64 ng/ml



#2 alpha-BHC

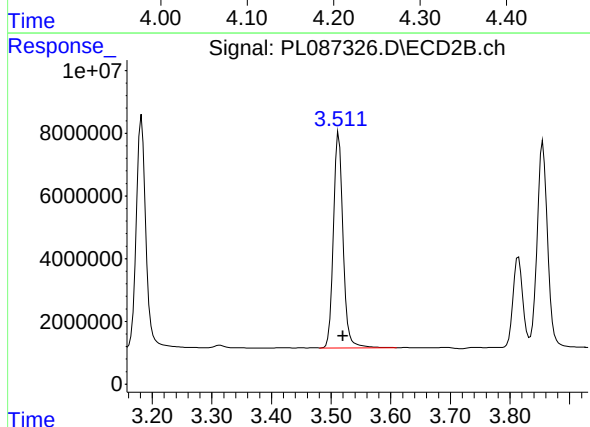
R.T.: 3.182 min  
Delta R.T.: -0.007 min  
Response: 79828906  
Conc: 32.48 ng/ml



#3 gamma-BHC (Lindane)

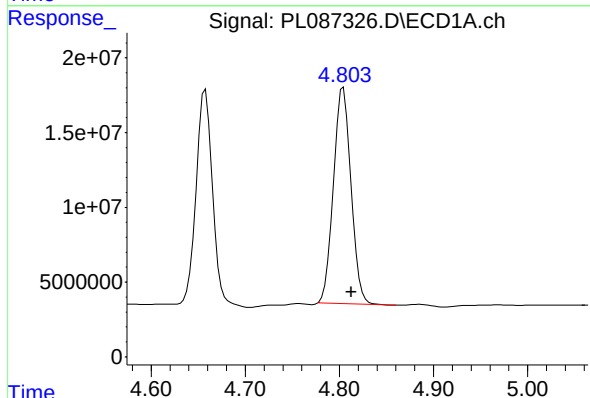
R.T.: 4.212 min  
Delta R.T.: -0.008 min  
Response: 181182740  
Conc: 34.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



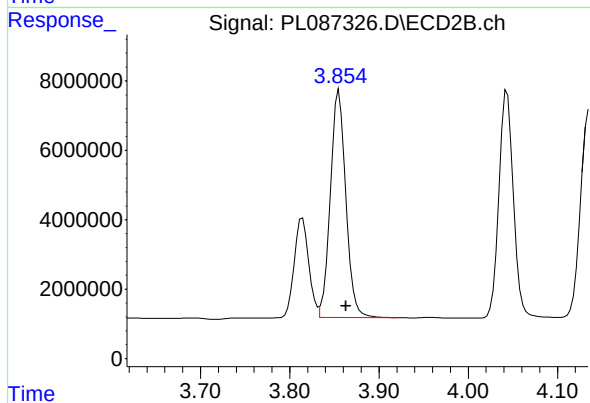
#3 gamma-BHC (Lindane)

R.T.: 3.513 min  
Delta R.T.: -0.007 min  
Response: 77007621  
Conc: 31.79 ng/ml



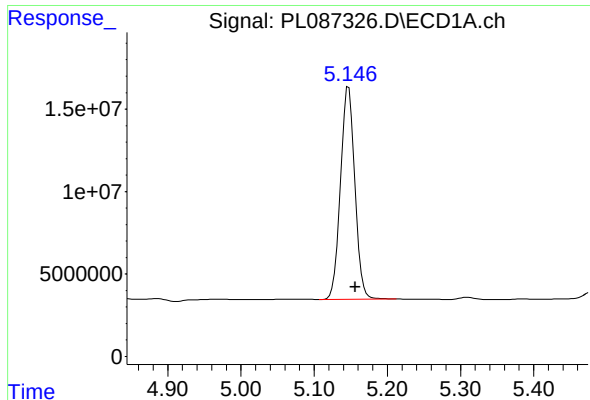
#4 Heptachlor

R.T.: 4.804 min  
Delta R.T.: -0.009 min  
Response: 187059707  
Conc: 35.12 ng/ml



#4 Heptachlor

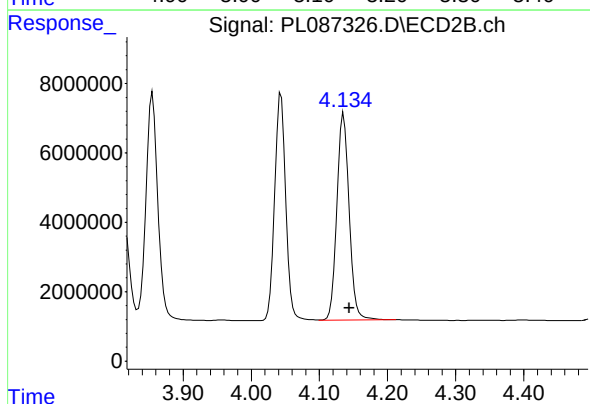
R.T.: 3.855 min  
Delta R.T.: -0.008 min  
Response: 79017234  
Conc: 33.06 ng/ml



#5 Aldrin

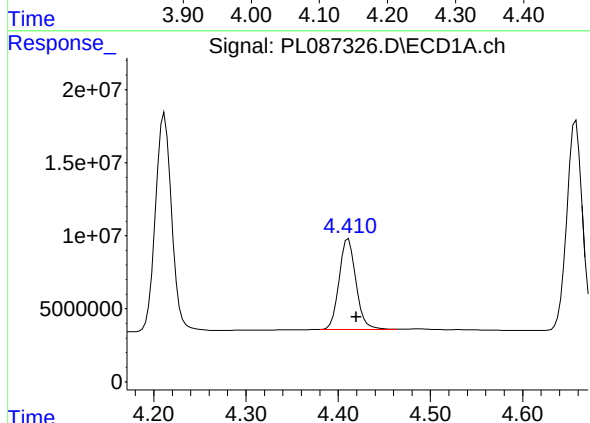
R.T.: 5.147 min  
Delta R.T.: -0.009 min  
Response: 175925962  
Conc: 33.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



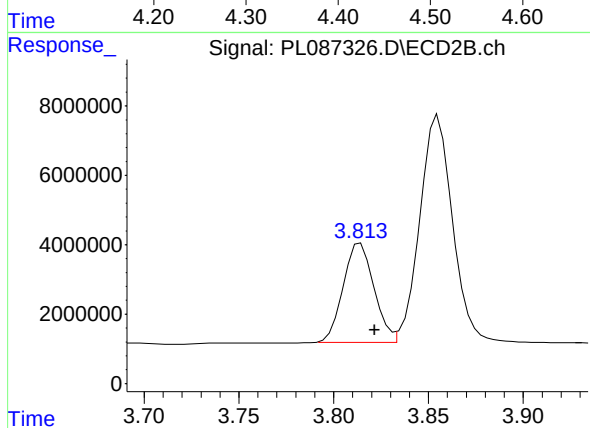
#5 Aldrin

R.T.: 4.136 min  
Delta R.T.: -0.008 min  
Response: 74358697  
Conc: 31.01 ng/ml



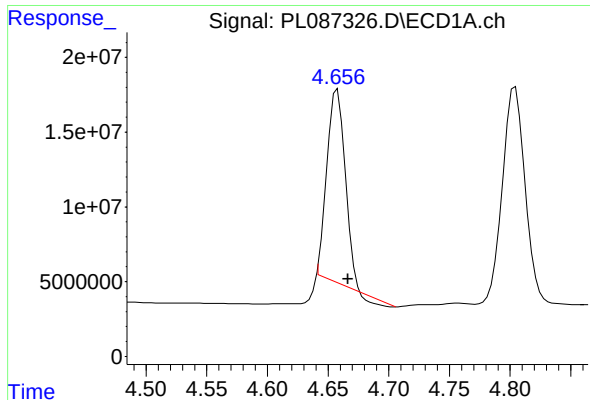
#6 beta-BHC

R.T.: 4.411 min  
Delta R.T.: -0.008 min  
Response: 78725214  
Conc: 34.28 ng/ml



#6 beta-BHC

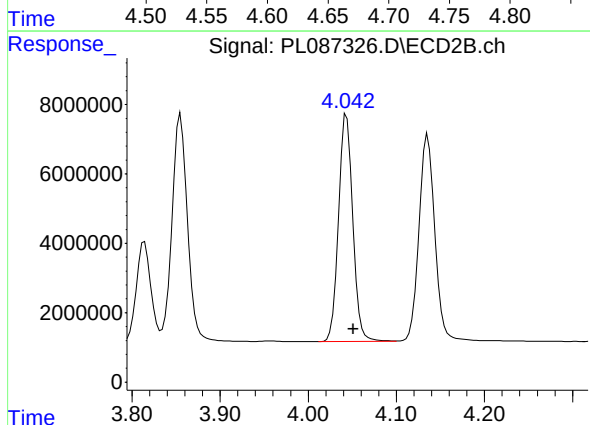
R.T.: 3.814 min  
Delta R.T.: -0.007 min  
Response: 32266573  
Conc: 31.00 ng/ml



#7 delta-BHC

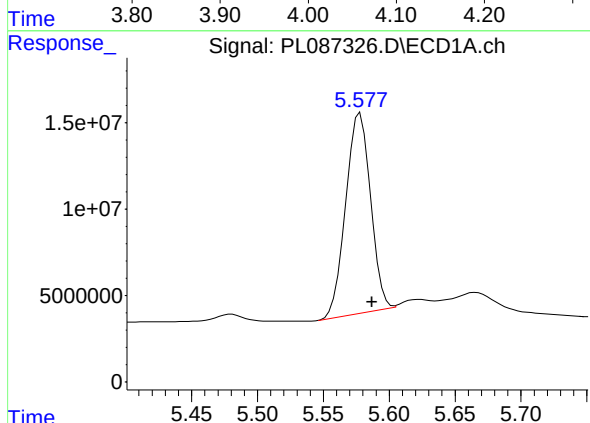
R.T.: 4.658 min  
Delta R.T.: -0.008 min  
Response: 131973016  
Conc: 25.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



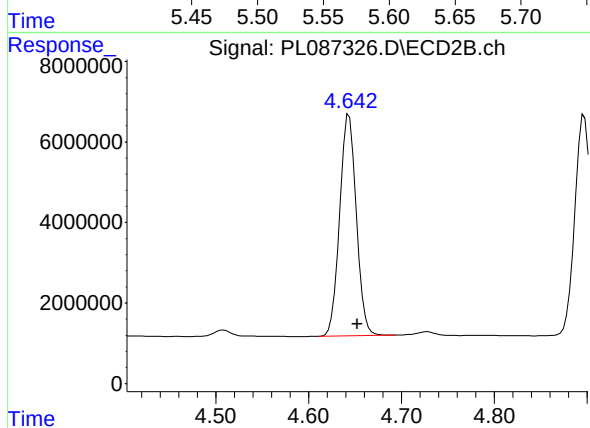
#7 delta-BHC

R.T.: 4.044 min  
Delta R.T.: -0.008 min  
Response: 73726170  
Conc: 30.14 ng/ml



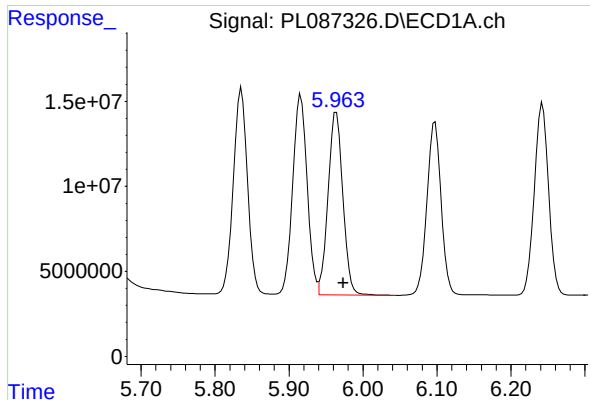
#8 Heptachlor epoxide

R.T.: 5.578 min  
Delta R.T.: -0.009 min  
Response: 151708927  
Conc: 32.19 ng/ml



#8 Heptachlor epoxide

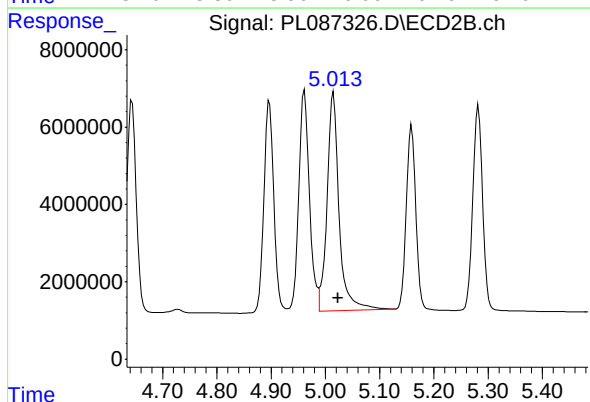
R.T.: 4.644 min  
Delta R.T.: -0.008 min  
Response: 68602492  
Conc: 30.83 ng/ml



#9 Endosulfan I

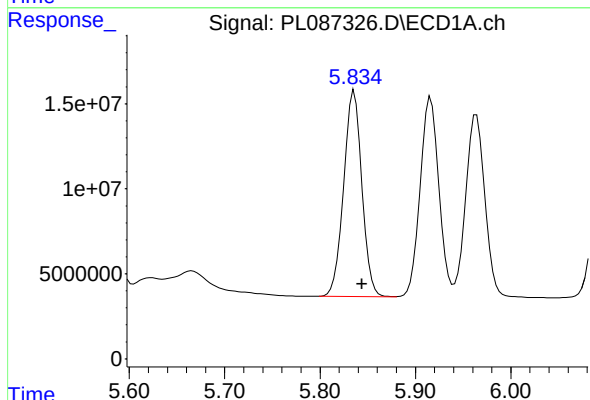
R.T.: 5.964 min  
Delta R.T.: -0.009 min  
Response: 150092036  
Conc: 33.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



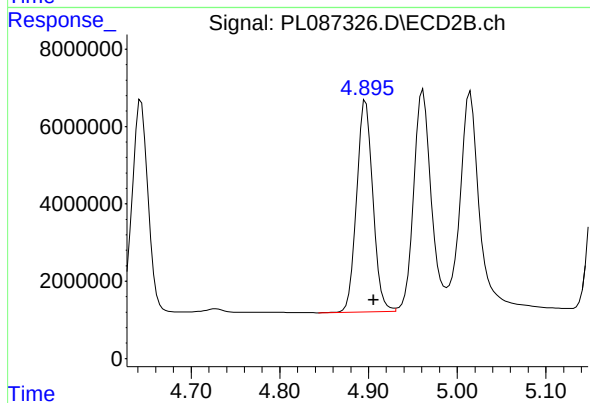
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.009 min  
Response: 87048999  
Conc: 40.28 ng/ml



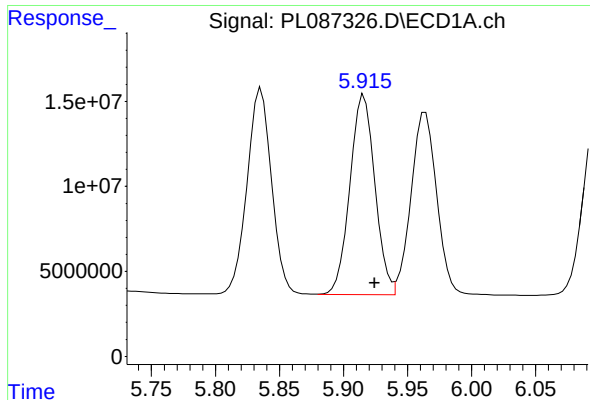
#10 gamma-Chlordane

R.T.: 5.836 min  
Delta R.T.: -0.008 min  
Response: 161071437  
Conc: 33.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min  
Delta R.T.: -0.009 min  
Response: 69832000  
Conc: 30.53 ng/ml



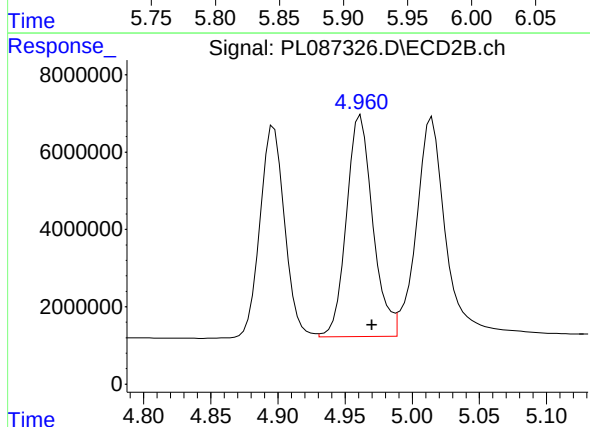
#11 alpha-Chlordane

R.T.: 5.916 min  
Delta R.T.: -0.008 min  
Response: 159525212  
Conc: 33.19 ng/ml

Instrument :

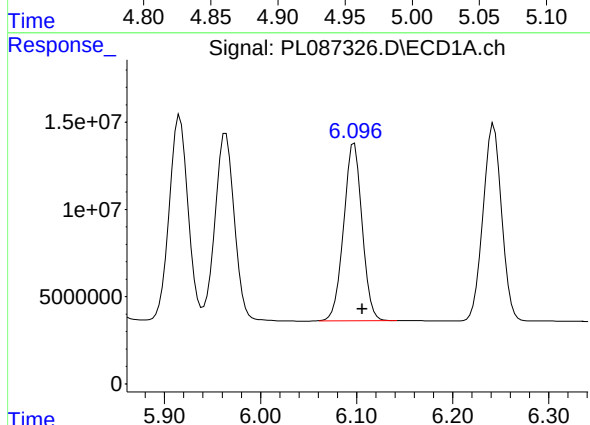
ECD\_L

ClientSampleId :



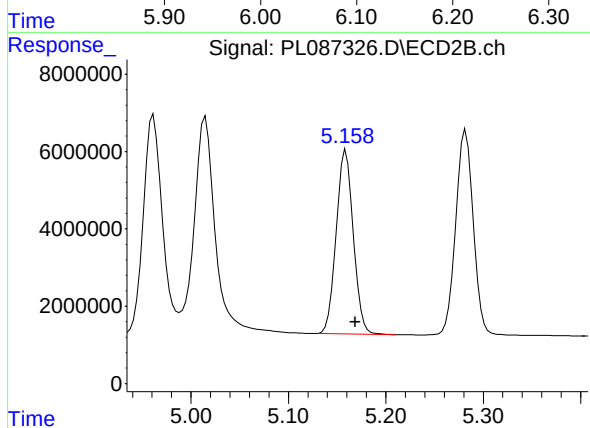
#11 alpha-Chlordane

R.T.: 4.961 min  
Delta R.T.: -0.009 min  
Response: 78624430  
Conc: 34.07 ng/ml



#12 4,4'-DDE

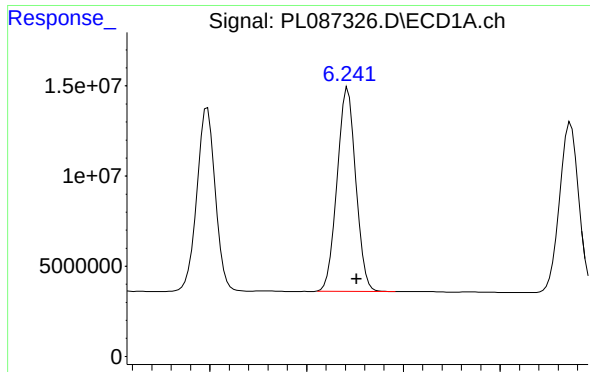
R.T.: 6.097 min  
Delta R.T.: -0.009 min  
Response: 134725413  
Conc: 32.51 ng/ml



#12 4,4'-DDE

R.T.: 5.159 min  
Delta R.T.: -0.010 min  
Response: 57801690  
Conc: 29.11 ng/ml

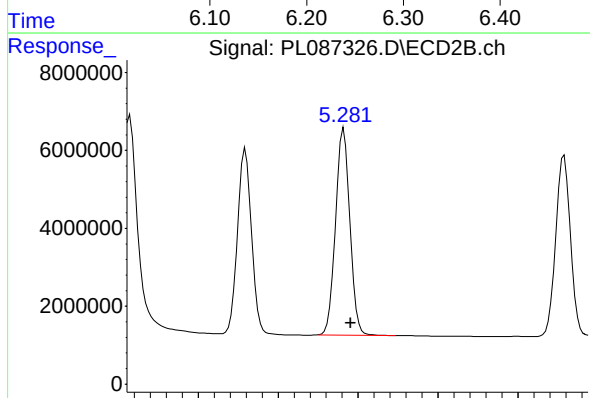




#13 Dieldrin

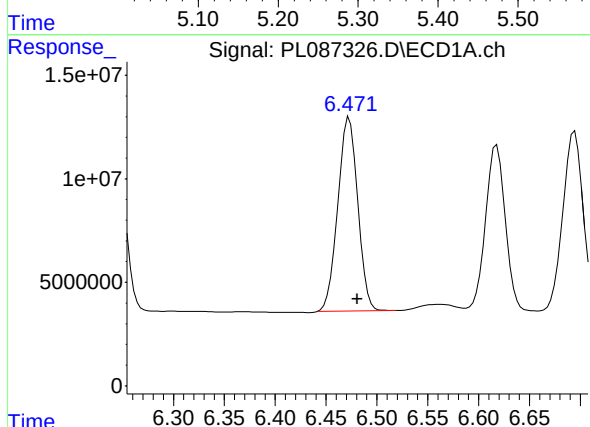
R.T.: 6.243 min  
Delta R.T.: -0.009 min  
Response: 151393791  
Conc: 32.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



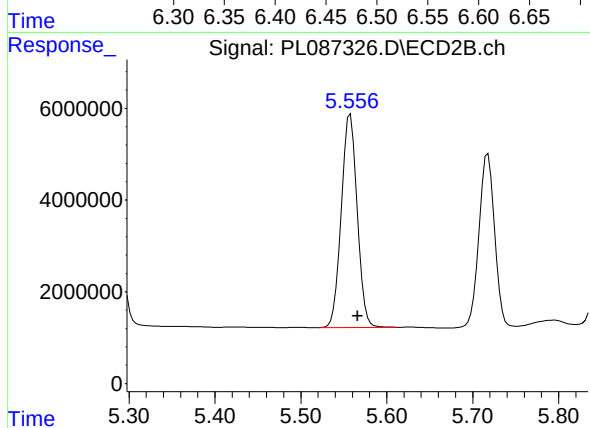
#13 Dieldrin

R.T.: 5.282 min  
Delta R.T.: -0.009 min  
Response: 66122437  
Conc: 29.68 ng/ml



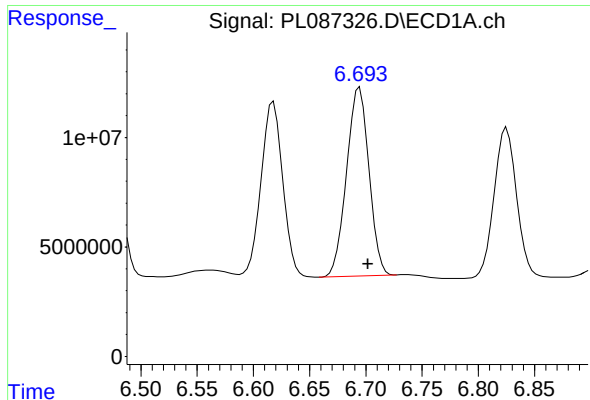
#14 Endrin

R.T.: 6.473 min  
Delta R.T.: -0.008 min  
Response: 127771731  
Conc: 33.21 ng/ml



#14 Endrin

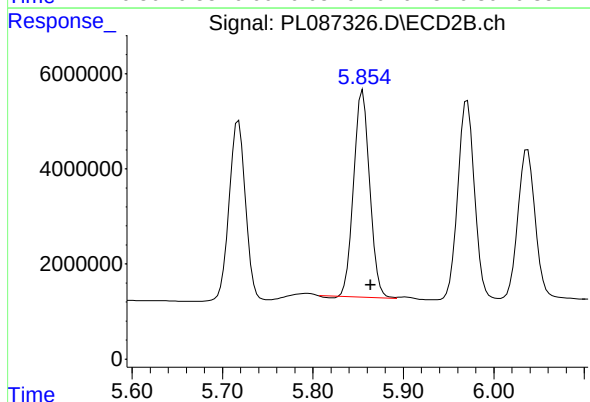
R.T.: 5.558 min  
Delta R.T.: -0.008 min  
Response: 59538826  
Conc: 29.83 ng/ml



#15 Endosulfan II

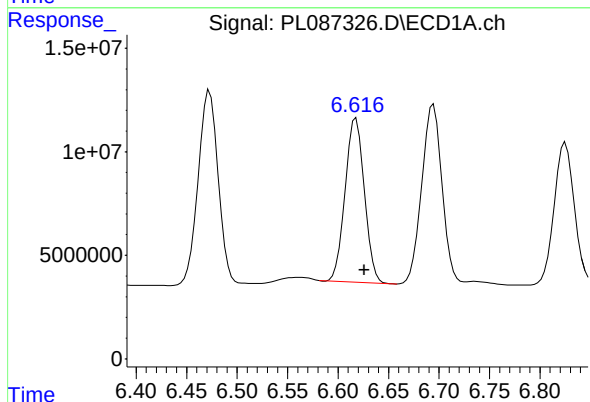
R.T.: 6.695 min  
Delta R.T.: -0.007 min  
Response: 119504489  
Conc: 29.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



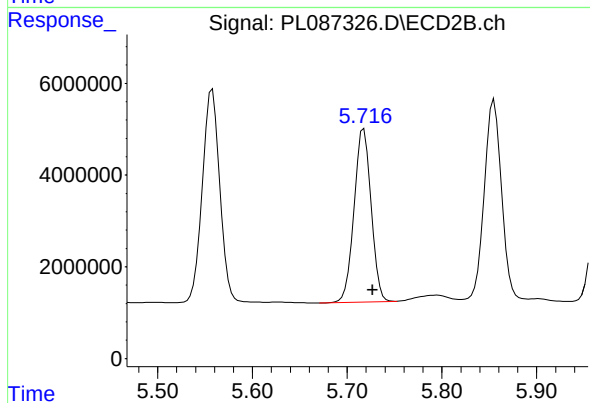
#15 Endosulfan II

R.T.: 5.855 min  
Delta R.T.: -0.009 min  
Response: 53592213  
Conc: 27.53 ng/ml



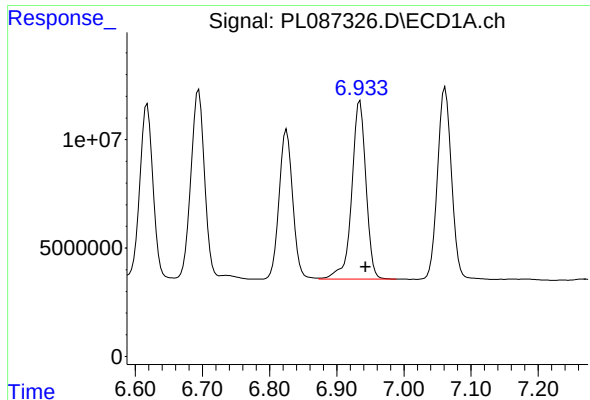
#16 4,4'-DDD

R.T.: 6.618 min  
Delta R.T.: -0.008 min  
Response: 105015267  
Conc: 31.77 ng/ml



#16 4,4'-DDD

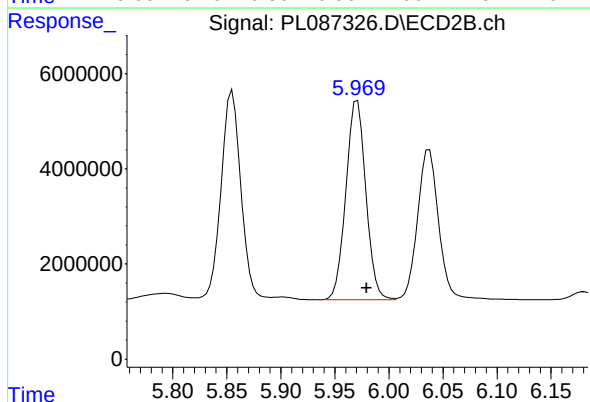
R.T.: 5.718 min  
Delta R.T.: -0.009 min  
Response: 47288620  
Conc: 28.56 ng/ml



#17 4,4'-DDT

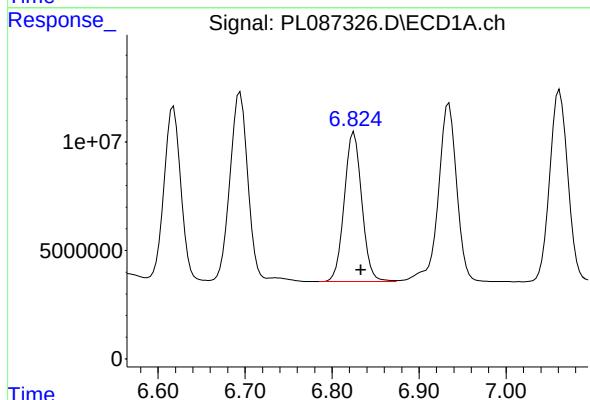
R.T.: 6.934 min  
Delta R.T.: -0.009 min  
Response: 121178854  
Conc: 32.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



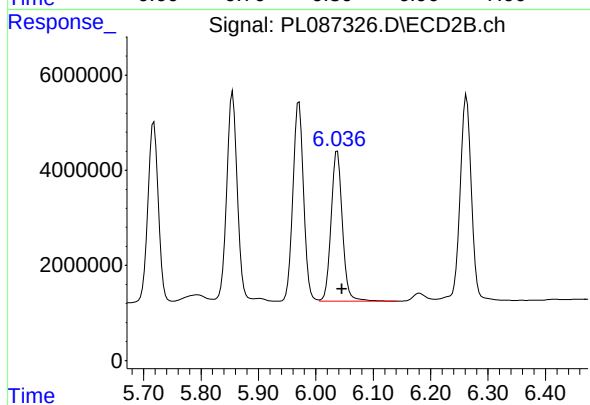
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: -0.009 min  
Response: 53823387  
Conc: 29.18 ng/ml



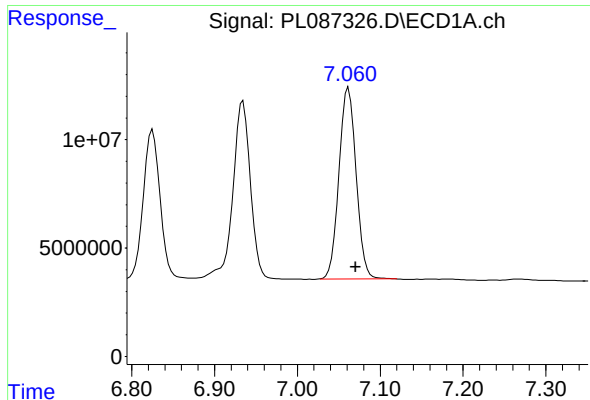
#18 Endrin aldehyde

R.T.: 6.825 min  
Delta R.T.: -0.008 min  
Response: 97128776  
Conc: 33.51 ng/ml



#18 Endrin aldehyde

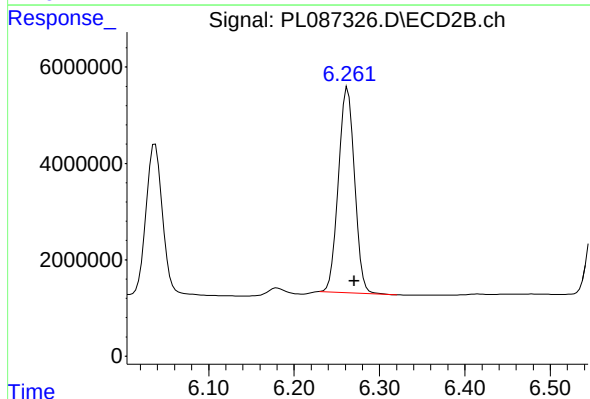
R.T.: 6.037 min  
Delta R.T.: -0.008 min  
Response: 43015103  
Conc: 29.31 ng/ml



#19 Endosulfan Sulfate

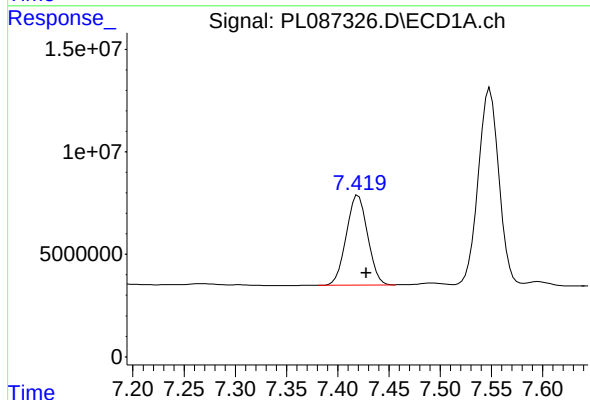
R.T.: 7.062 min  
Delta R.T.: -0.009 min  
Response: 127055134  
Conc: 32.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



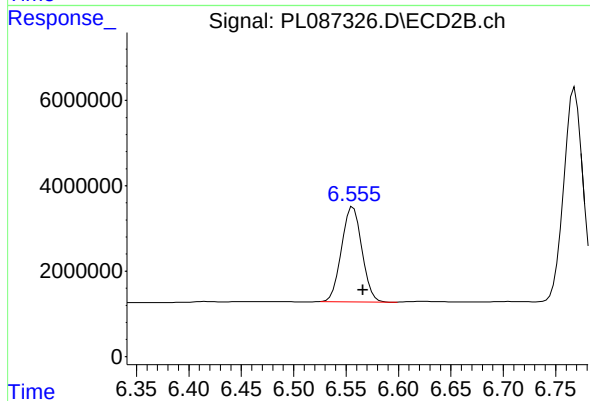
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.008 min  
Response: 55623754  
Conc: 29.53 ng/ml



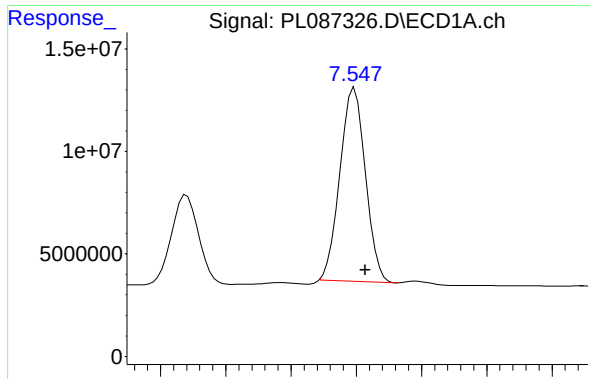
#20 Methoxychlor

R.T.: 7.420 min  
Delta R.T.: -0.008 min  
Response: 63370437  
Conc: 32.50 ng/ml



#20 Methoxychlor

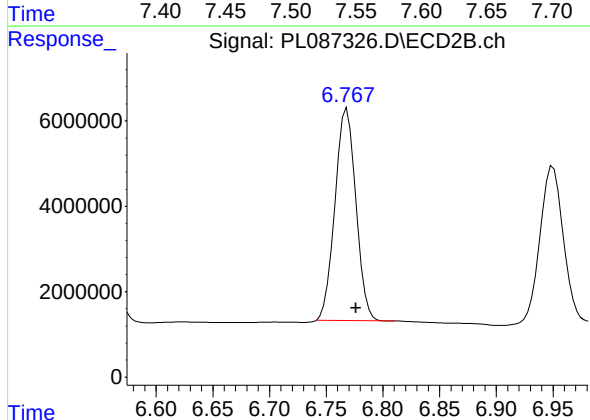
R.T.: 6.557 min  
Delta R.T.: -0.009 min  
Response: 30117841  
Conc: 29.49 ng/ml



#21 Endrin ketone

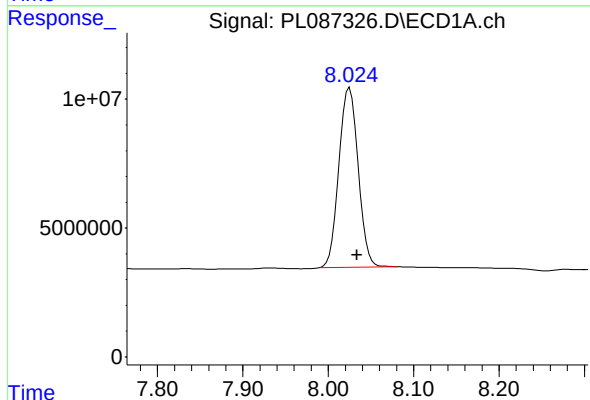
R.T.: 7.549 min  
Delta R.T.: -0.008 min  
Response: 128023426  
Conc: 31.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



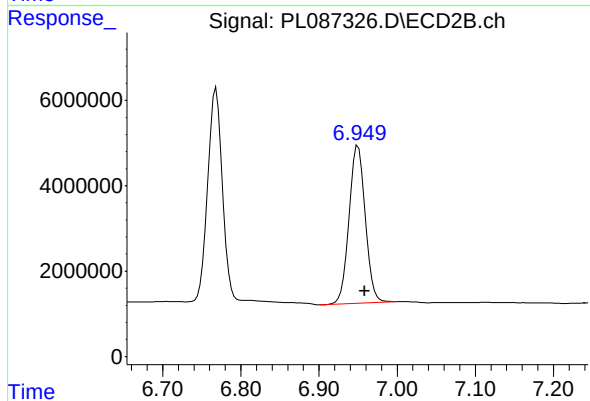
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.008 min  
Response: 63488120  
Conc: 29.82 ng/ml



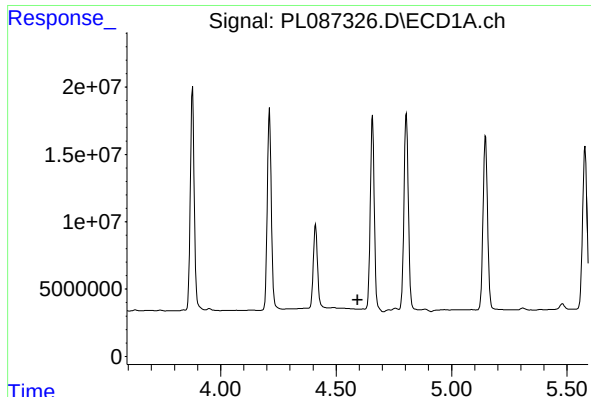
#22 Mirex

R.T.: 8.025 min  
Delta R.T.: -0.008 min  
Response: 109460597  
Conc: 32.50 ng/ml



#22 Mirex

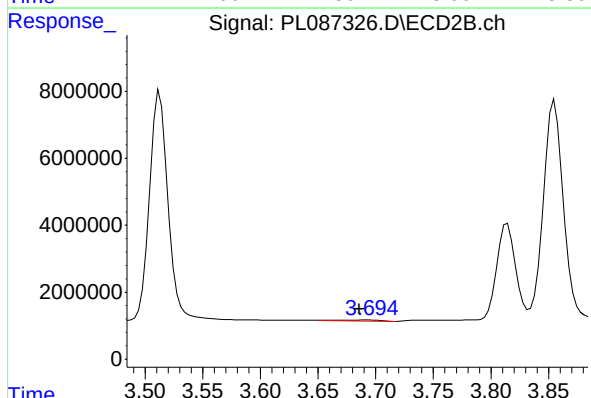
R.T.: 6.950 min  
Delta R.T.: -0.008 min  
Response: 53332379  
Conc: 29.98 ng/ml



#23 Chlordane-1

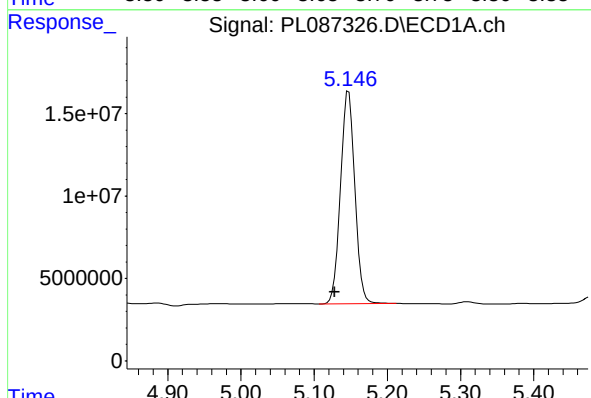
R.T.: 0.000 min  
Exp R.T.: 4.594 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



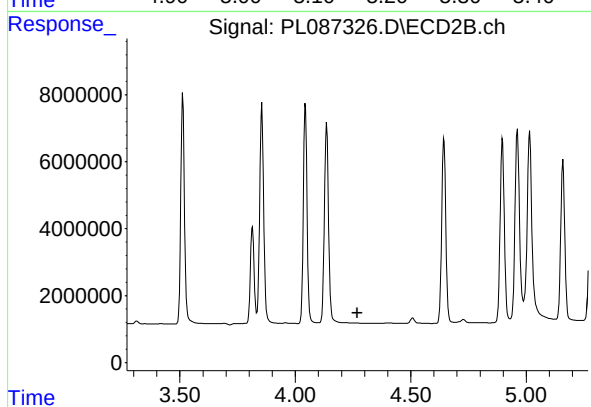
#23 Chlordane-1

R.T.: 3.693 min  
Delta R.T.: 0.008 min  
Response: 758831  
Conc: 12.23 ng/ml



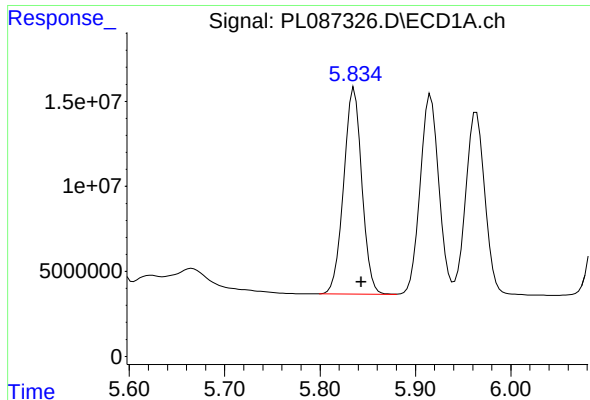
#24 Chlordane-2

R.T.: 5.147 min  
Delta R.T.: 0.019 min  
Response: 175925962  
Conc: 1009.97 ng/ml



#24 Chlordane-2

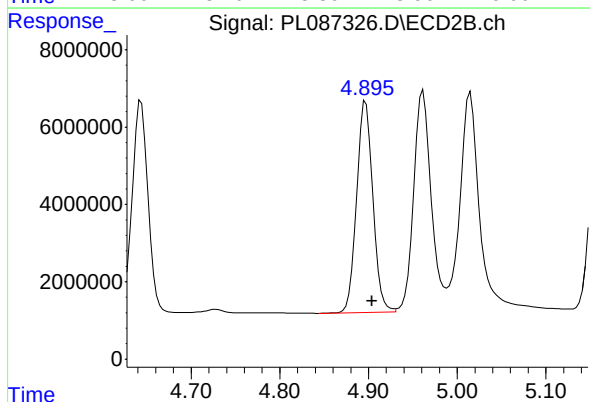
R.T.: 0.000 min  
Exp R.T.: 4.269 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

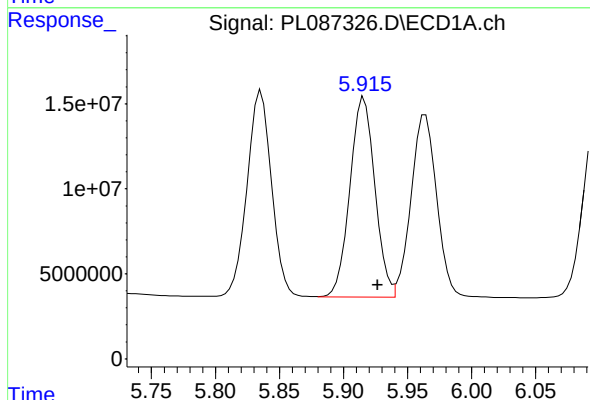
R.T.: 5.836 min  
Delta R.T.: -0.007 min  
Response: 161071437  
Conc: 231.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



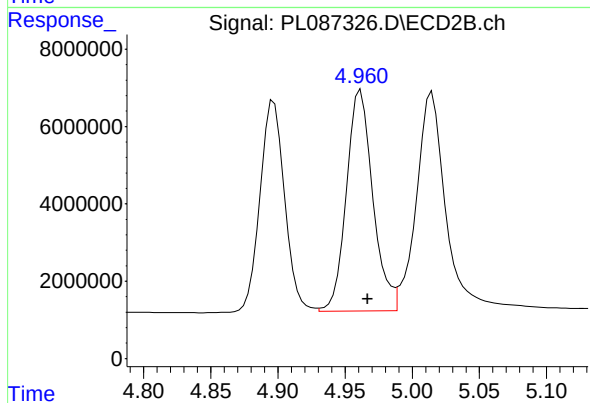
#25 Chlordane-3

R.T.: 4.897 min  
Delta R.T.: -0.007 min  
Response: 69832000  
Conc: 315.89 ng/ml



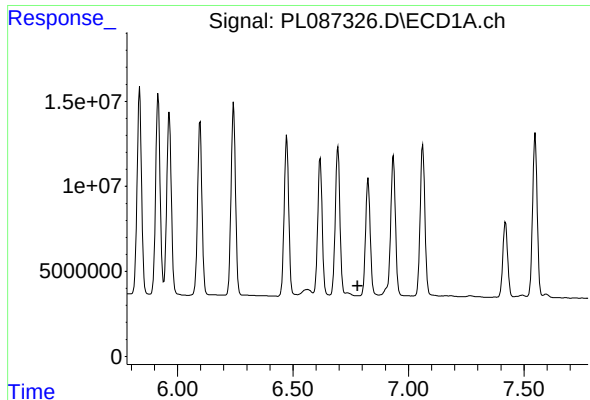
#26 Chlordane-4

R.T.: 5.916 min  
Delta R.T.: -0.011 min  
Response: 159525212  
Conc: 186.56 ng/ml



#26 Chlordane-4

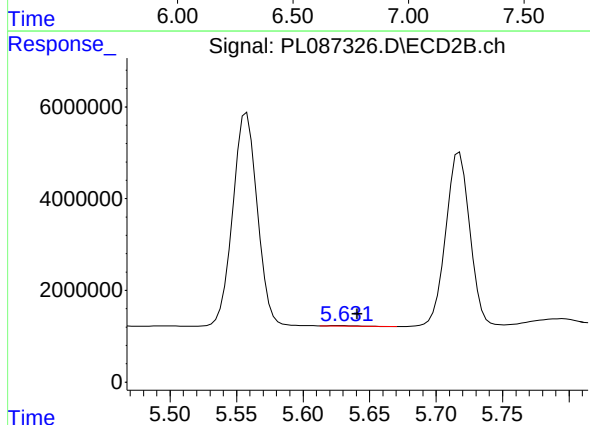
R.T.: 4.961 min  
Delta R.T.: -0.005 min  
Response: 78624430  
Conc: 337.71 ng/ml



#27 Chlordane-5

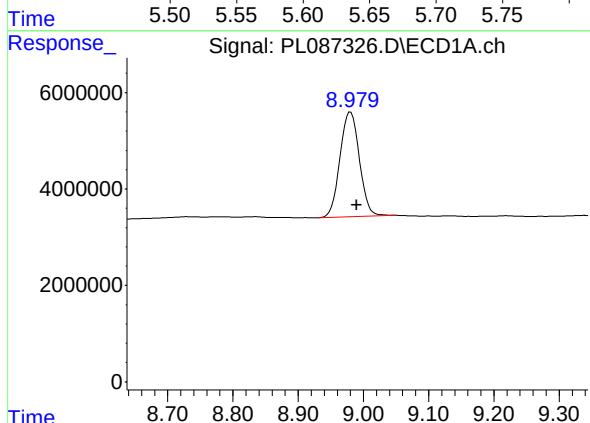
R.T.: 0.000 min  
Exp R.T.: 6.779 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



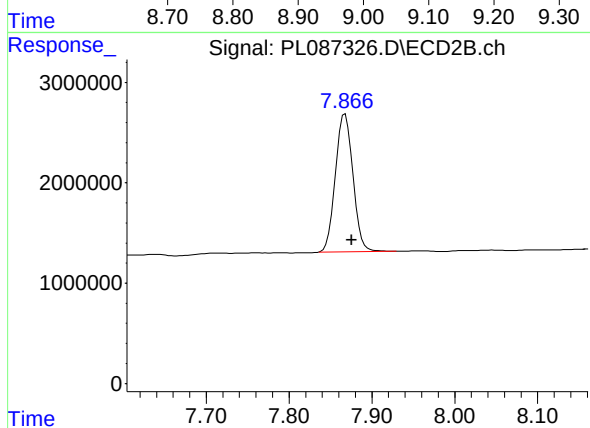
#27 Chlordane-5

R.T.: 5.628 min  
Delta R.T.: -0.012 min  
Response: 85640  
Conc: 1.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min  
Delta R.T.: -0.009 min  
Response: 45063793  
Conc: 13.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: -0.008 min  
Response: 20323227  
Conc: 12.03 ng/ml