

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042720\  
 Data File : PL058387.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Apr 2020 12:51  
 Operator : AJ\MA  
 Sample : PB128482BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 28 01:11:40 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.455  | 3.954  | 216.3E6  | 45020705 | 21.454  | 20.745    |
| 28)                         | SA Decachlor... | 8.201  | 8.975  | 222.6E6  | 46105813 | 21.594  | 20.640    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.891  | 4.341  | 179.1E6  | 30691835 | 10.311  | 9.347     |
| 3)                          | MA gamma-BHC... | 4.175  | 4.623  | 164.9E6  | 31370494 | 11.342  | 9.657     |
| 4)                          | MA Heptachlor   | 4.475  | 5.124  | 173.8E6  | 34033737 | 10.841  | 10.141    |
| 5)                          | MB Aldrin       | 4.722  | 5.426  | 171.9E6  | 33563525 | 11.676  | 10.365    |
| 6)                          | B beta-BHC      | 4.428  | 4.797  | 76193848 | 15322895 | 12.065  | 11.035    |
| 7)                          | B delta-BHC     | 4.631  | 5.010  | 158.9E6  | 27471257 | 10.472  | 12.568    |
| 8)                          | B Heptachlo...  | 5.165  | 5.811  | 155.7E6  | 33803170 | 11.584  | 12.518    |
| 9)                          | A Endosulfan I  | 5.504  | 6.165  | 147.3E6  | 31447514 | 12.020  | 10.547    |
| 10)                         | B gamma-Chl...  | 5.392  | 6.044  | 155.3E6  | 34396878 | 11.432  | 10.617    |
| 11)                         | B alpha-Chl...  | 5.450  | 6.116  | 156.0E6  | 34632171 | 11.715  | 10.583    |
| 12)                         | B 4,4'-DDE      | 5.614  | 6.275  | 153.2E6  | 29370590 | 11.695  | 9.920     |
| 13)                         | MA Dieldrin     | 5.747  | 6.421  | 148.6E6  | 31319038 | 11.420  | 10.250    |
| 14)                         | MA Endrin       | 6.003  | 6.637  | 137.4E6  | 24340968 | 11.774  | 9.742     |
| 15)                         | B Endosulfa...  | 6.277  | 6.848  | 130.2E6  | 26983364 | 11.772  | 10.404    |
| 16)                         | A 4,4'-DDD      | 6.130  | 6.764  | 132.6E6  | 24061068 | 13.268  | 10.543    |
| 17)                         | MA 4,4'-DDT     | 6.370  | 7.060  | 96800881 | 18306496 | 9.538   | 8.219     |
| 18)                         | B Endrin al...  | 6.445  | 6.971  | 109.0E6  | 23104339 | 11.658  | 10.400    |
| 19)                         | B Endosulfa...  | 6.658  | 7.194  | 118.1E6  | 24937898 | 11.629  | 10.509    |
| 20)                         | A Methoxychlor  | 6.914  | 7.520  | 52198570 | 11148771 | 9.469   | 8.765     |
| 21)                         | B Endrin ke...  | 7.149  | 7.662  | 127.8E6  | 27988167 | 11.482  | 11.322    |
| 22)                         | Mirex           | 7.335  | 8.111  | 88890348 | 20304996 | 10.844  | 11.044    |
| 23)                         | Chlordane-1     | 4.353f | 0.000  | 3039928  | 0        | 8.219   | N.D. #    |
| 24)                         | Chlordane-2     | 4.829  | 5.426f | 1424796  | 33563525 | 3.529   | 321.617 # |
| 25)                         | Chlordane-3     | 5.392  | 6.044  | 155.3E6  | 34396878 | 126.993 | 79.498 #  |
| 26)                         | Chlordane-4     | 5.450  | 6.116  | 156.0E6  | 34632171 | 149.959 | 65.974 #  |
| 27)                         | Chlordane-5     | 6.277  | 0.000  | 130.2E6  | 0        | 344.246 | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

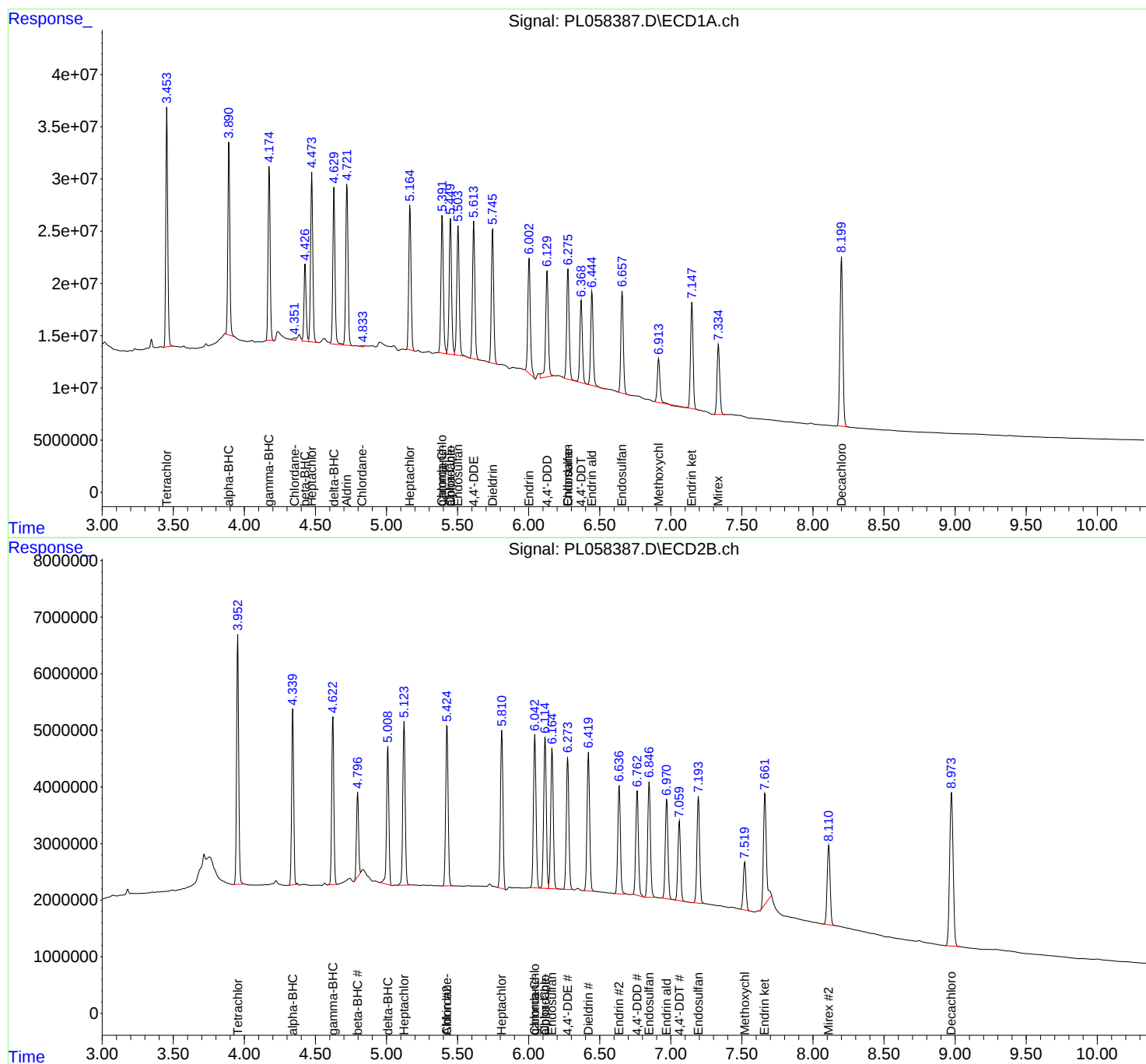
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

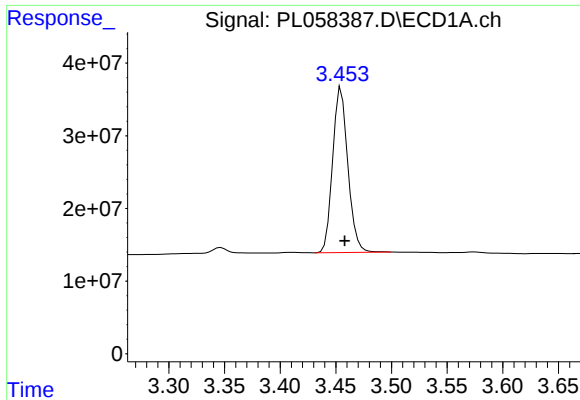
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042720\  
Data File : PL058387.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Apr 2020 12:51  
Operator : AJ\MA  
Sample : PB128482BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 28 01:11:40 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 2020  
Response via : Initial Calibration  
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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

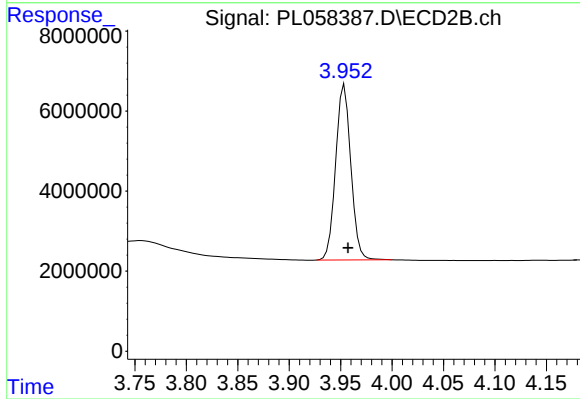




#1 Tetrachloro-m-xylene

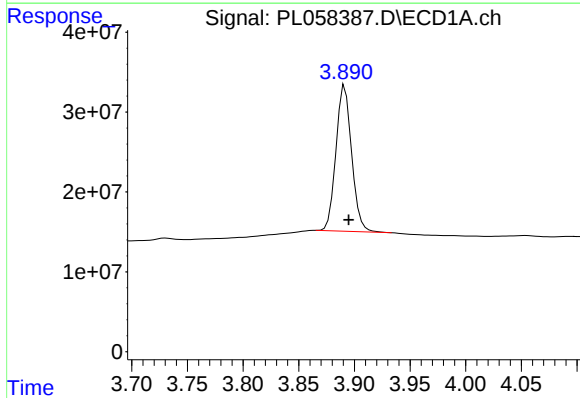
R.T.: 3.455 min  
Delta R.T.: -0.003 min  
Response: 216282916  
Conc: 21.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



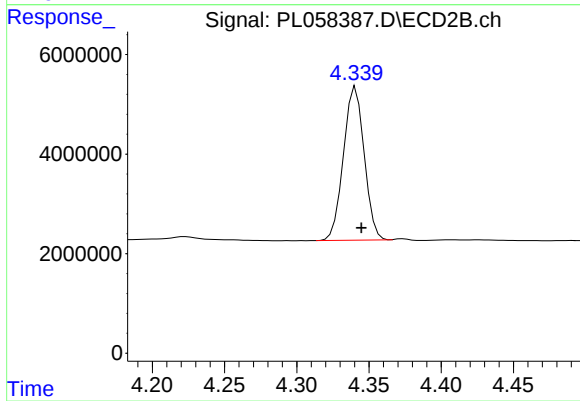
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: -0.004 min  
Response: 45020705  
Conc: 20.75 ng/ml



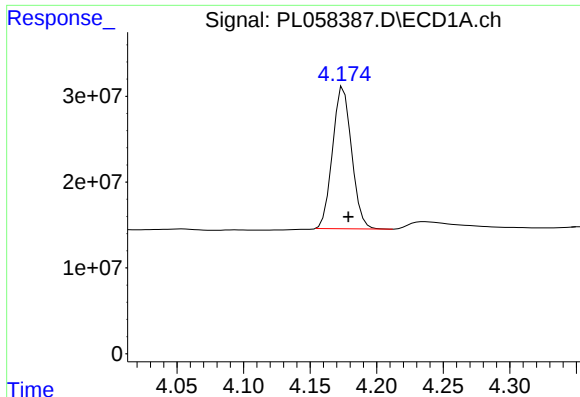
#2 alpha-BHC

R.T.: 3.891 min  
Delta R.T.: -0.004 min  
Response: 179128796  
Conc: 10.31 ng/ml



#2 alpha-BHC

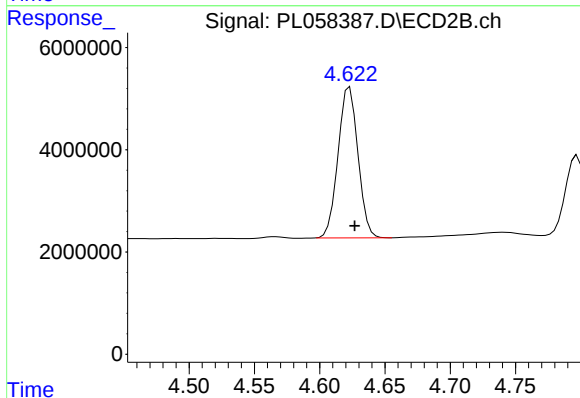
R.T.: 4.341 min  
Delta R.T.: -0.004 min  
Response: 30691835  
Conc: 9.35 ng/ml



#3 gamma-BHC (Lindane)

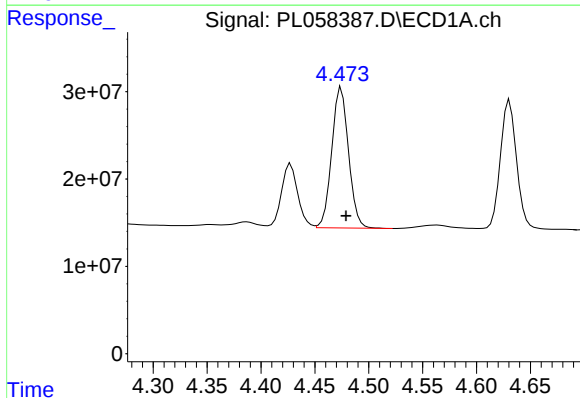
R.T.: 4.175 min  
Delta R.T.: -0.004 min  
Response: 164855455  
Conc: 11.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



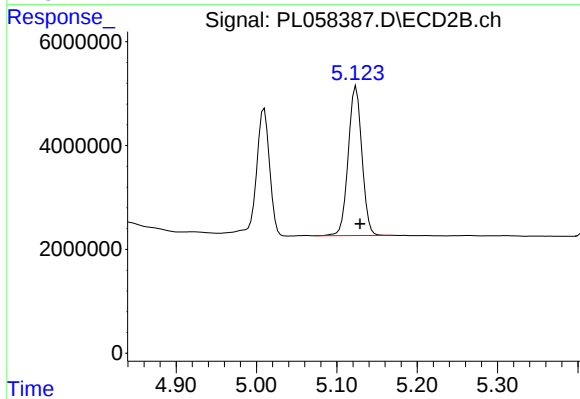
#3 gamma-BHC (Lindane)

R.T.: 4.623 min  
Delta R.T.: -0.004 min  
Response: 31370494  
Conc: 9.66 ng/ml



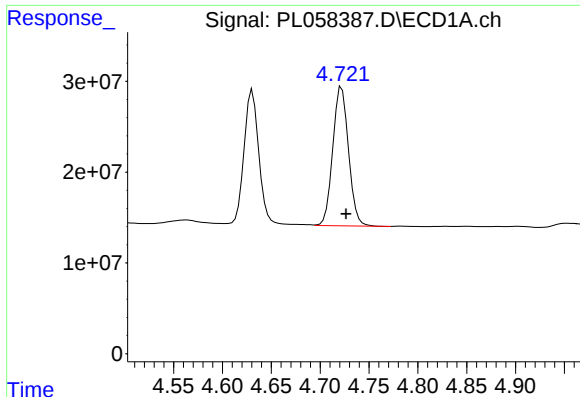
#4 Heptachlor

R.T.: 4.475 min  
Delta R.T.: -0.004 min  
Response: 173784702  
Conc: 10.84 ng/ml



#4 Heptachlor

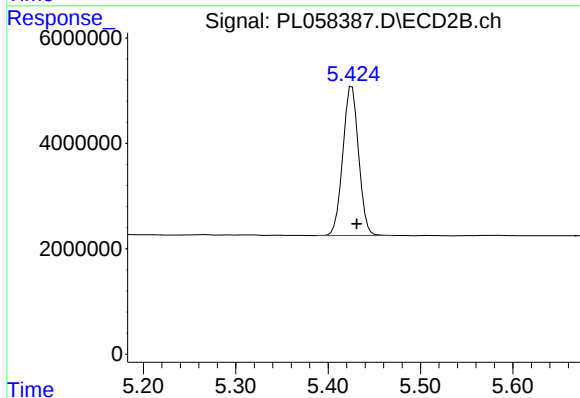
R.T.: 5.124 min  
Delta R.T.: -0.005 min  
Response: 34033737  
Conc: 10.14 ng/ml



#5 Aldrin

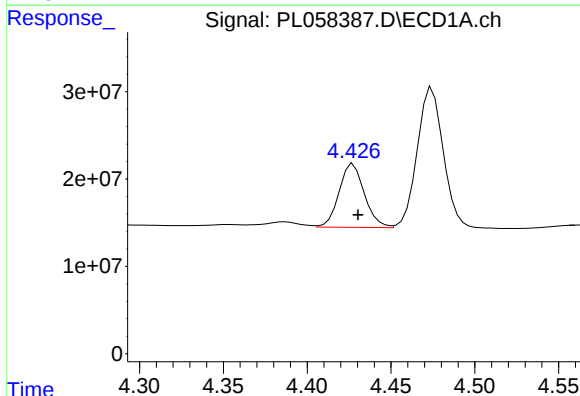
R.T.: 4.722 min  
Delta R.T.: -0.004 min  
Response: 171930363  
Conc: 11.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



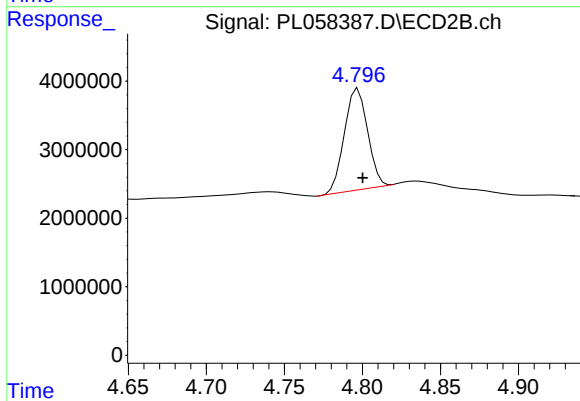
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: -0.005 min  
Response: 33563525  
Conc: 10.36 ng/ml



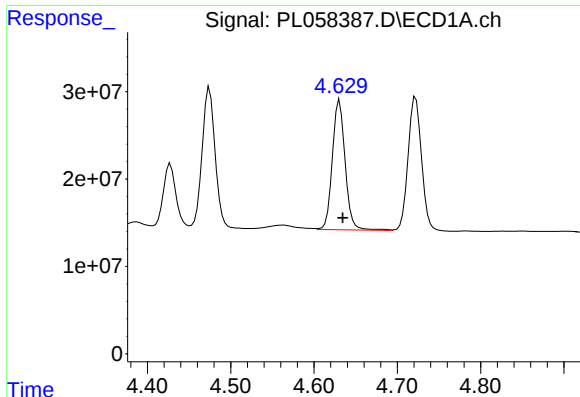
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.003 min  
Response: 76193848  
Conc: 12.07 ng/ml



#6 beta-BHC

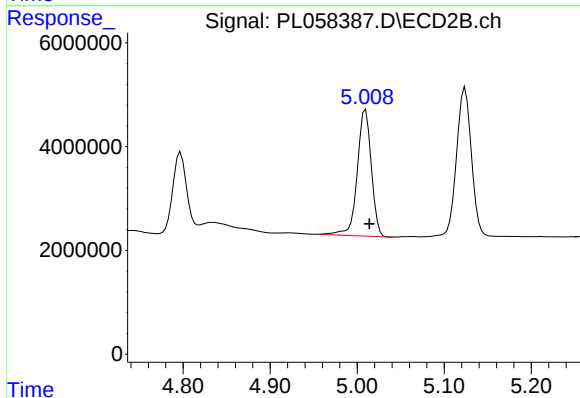
R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 15322895  
Conc: 11.03 ng/ml



#7 delta-BHC

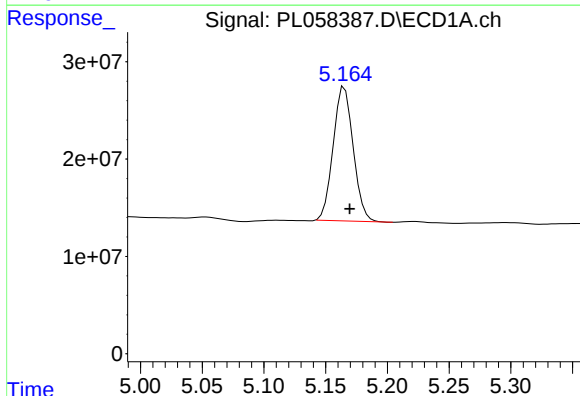
R.T.: 4.631 min  
Delta R.T.: -0.004 min  
Response: 158927369  
Conc: 10.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



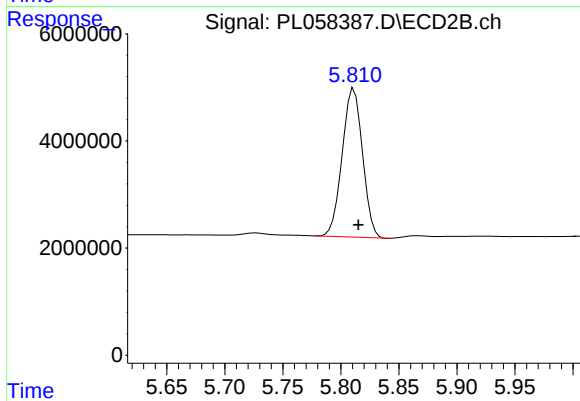
#7 delta-BHC

R.T.: 5.010 min  
Delta R.T.: -0.004 min  
Response: 27471257  
Conc: 12.57 ng/ml



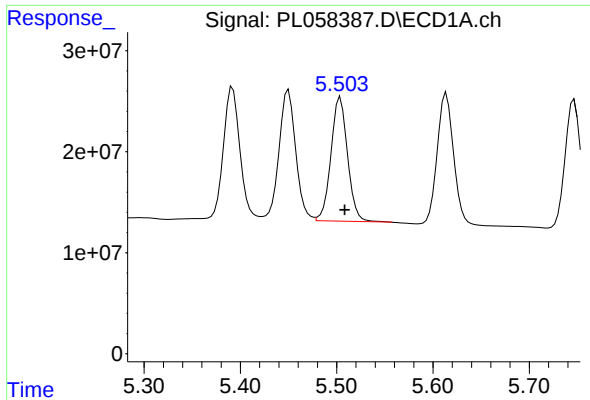
#8 Heptachlor epoxide

R.T.: 5.165 min  
Delta R.T.: -0.004 min  
Response: 155690416  
Conc: 11.58 ng/ml



#8 Heptachlor epoxide

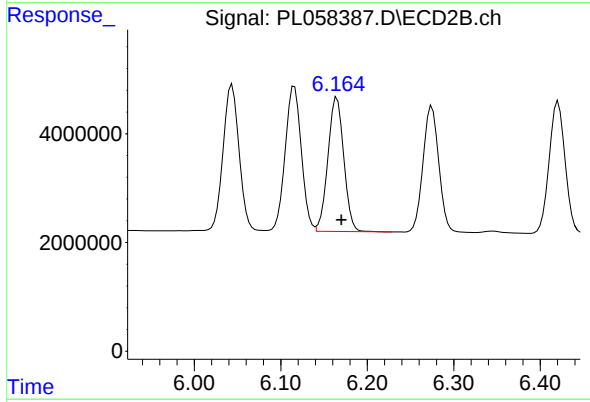
R.T.: 5.811 min  
Delta R.T.: -0.004 min  
Response: 33803170  
Conc: 12.52 ng/ml



#9 Endosulfan I

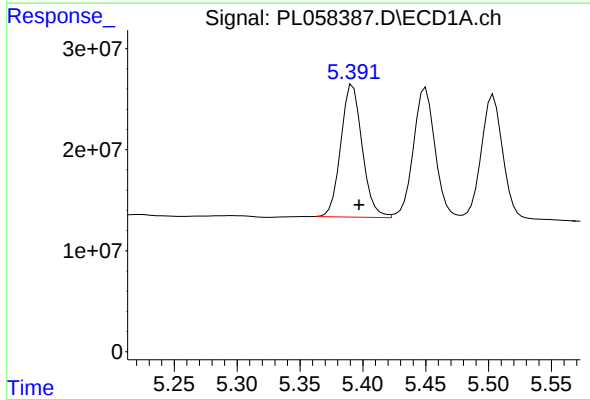
R.T.: 5.504 min  
Delta R.T.: -0.004 min  
Response: 147322288  
Conc: 12.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



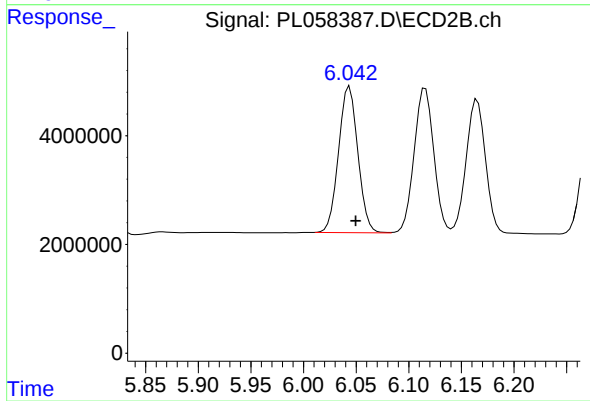
#9 Endosulfan I

R.T.: 6.165 min  
Delta R.T.: -0.005 min  
Response: 31447514  
Conc: 10.55 ng/ml



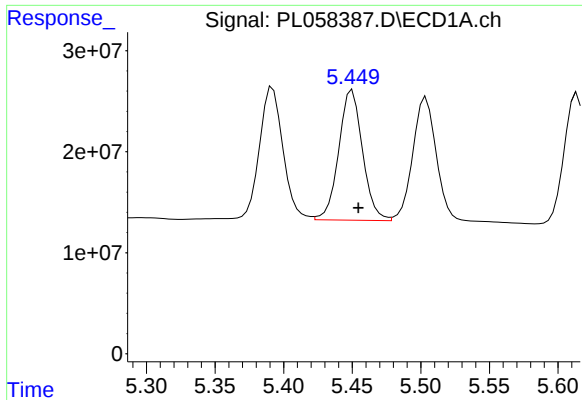
#10 gamma-Chlordane

R.T.: 5.392 min  
Delta R.T.: -0.005 min  
Response: 155263792  
Conc: 11.43 ng/ml



#10 gamma-Chlordane

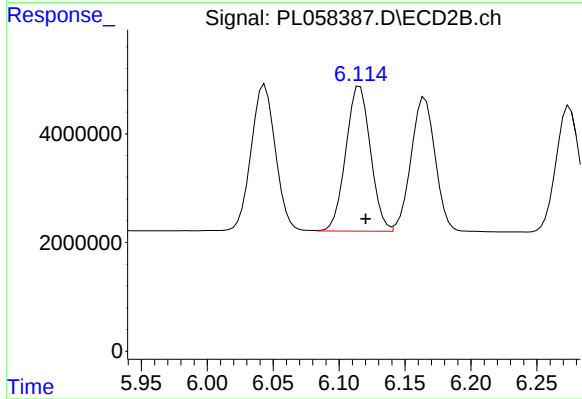
R.T.: 6.044 min  
Delta R.T.: -0.006 min  
Response: 34396878  
Conc: 10.62 ng/ml



#11 alpha-Chlordane

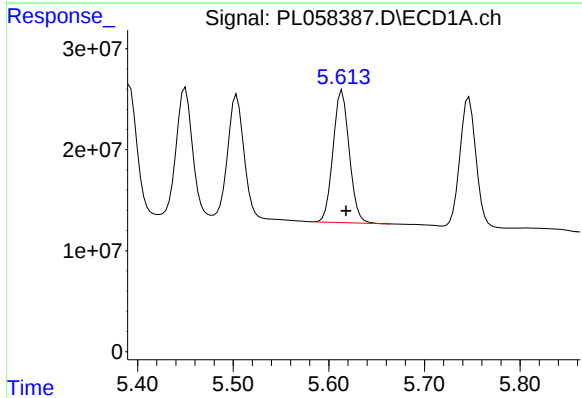
R.T.: 5.450 min  
Delta R.T.: -0.004 min  
Response: 155989247  
Conc: 11.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



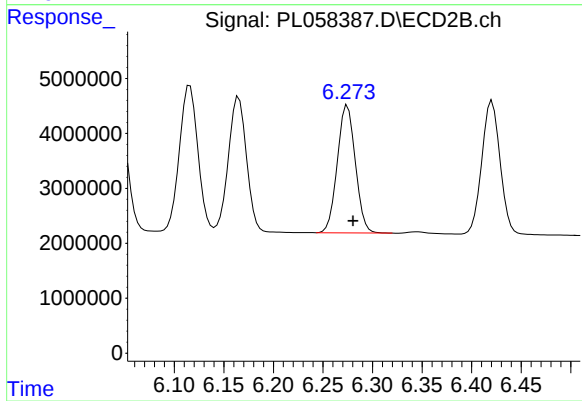
#11 alpha-Chlordane

R.T.: 6.116 min  
Delta R.T.: -0.004 min  
Response: 34632171  
Conc: 10.58 ng/ml



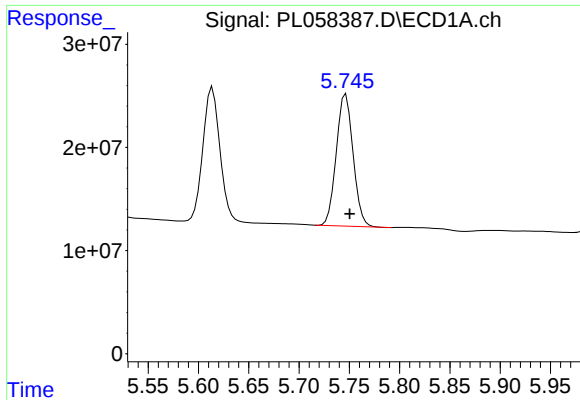
#12 4,4'-DDE

R.T.: 5.614 min  
Delta R.T.: -0.004 min  
Response: 153205549  
Conc: 11.69 ng/ml



#12 4,4'-DDE

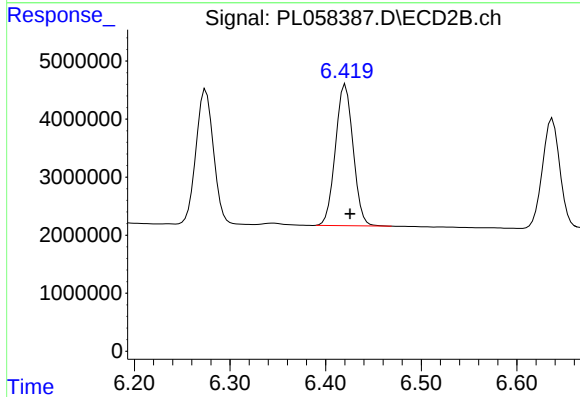
R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 29370590  
Conc: 9.92 ng/ml



#13 Dieldrin

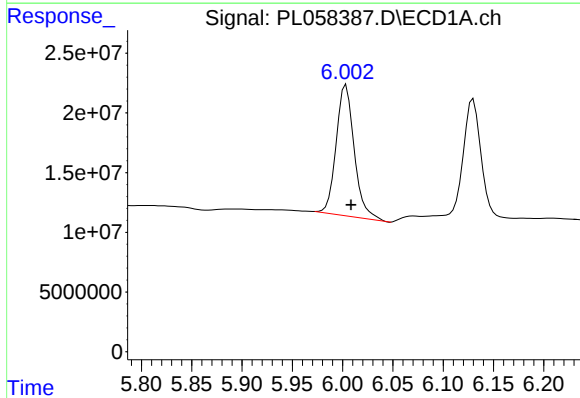
R.T.: 5.747 min  
Delta R.T.: -0.004 min  
Response: 148562285  
Conc: 11.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



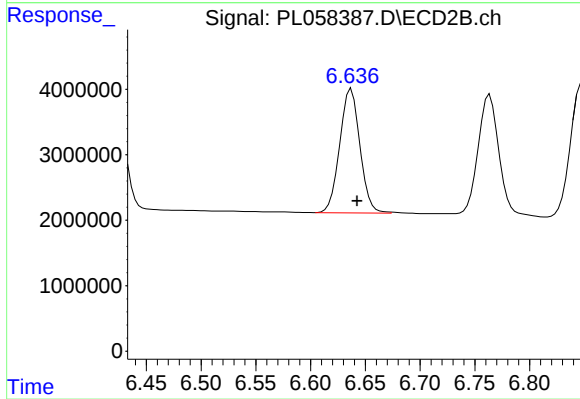
#13 Dieldrin

R.T.: 6.421 min  
Delta R.T.: -0.005 min  
Response: 31319038  
Conc: 10.25 ng/ml



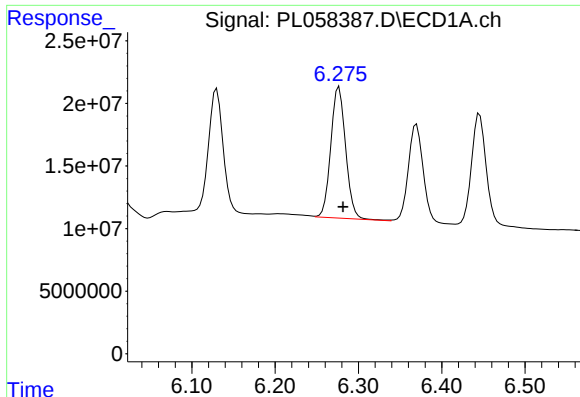
#14 Endrin

R.T.: 6.003 min  
Delta R.T.: -0.005 min  
Response: 137435686  
Conc: 11.77 ng/ml



#14 Endrin

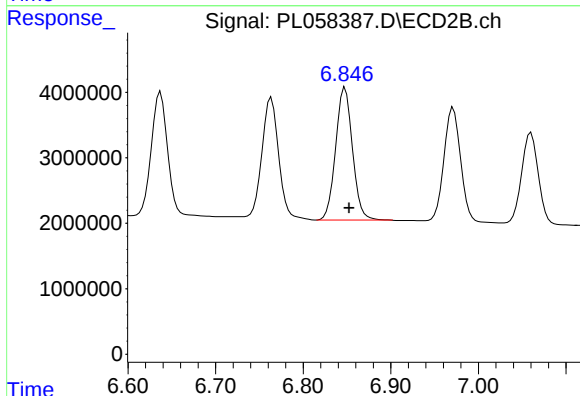
R.T.: 6.637 min  
Delta R.T.: -0.005 min  
Response: 24340968  
Conc: 9.74 ng/ml



#15 Endosulfan II

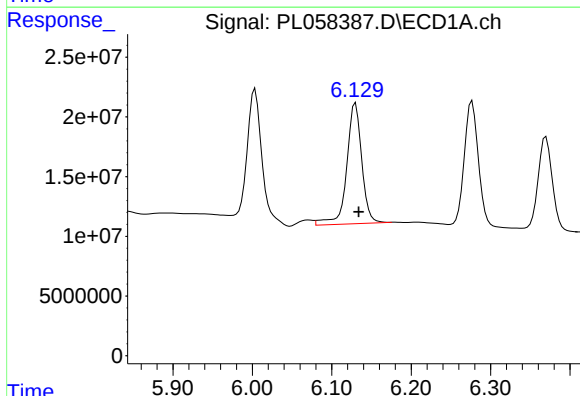
R.T.: 6.277 min  
Delta R.T.: -0.005 min  
Response: 130219665  
Conc: 11.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



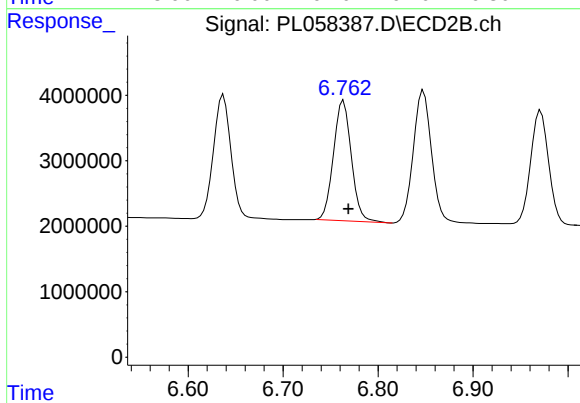
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: -0.005 min  
Response: 26983364  
Conc: 10.40 ng/ml



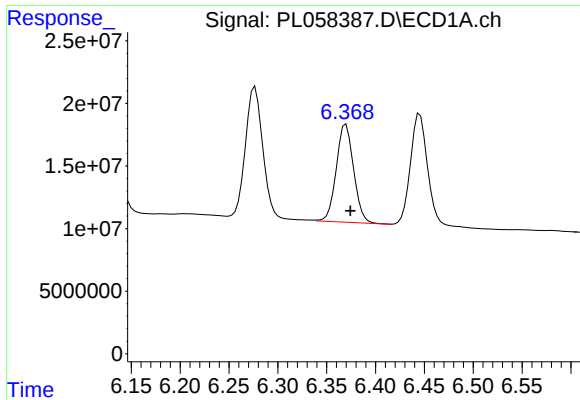
#16 4,4'-DDD

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 132610289  
Conc: 13.27 ng/ml



#16 4,4'-DDD

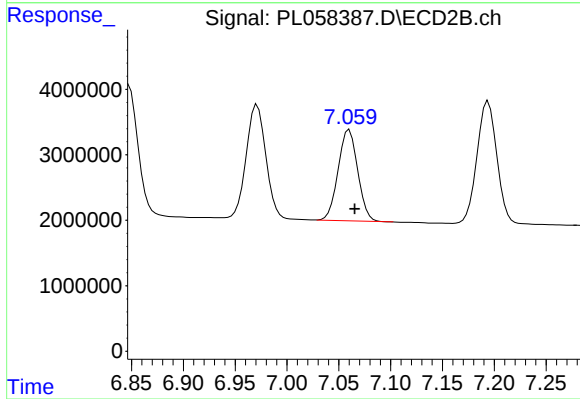
R.T.: 6.764 min  
Delta R.T.: -0.005 min  
Response: 24061068  
Conc: 10.54 ng/ml



#17 4,4'-DDT

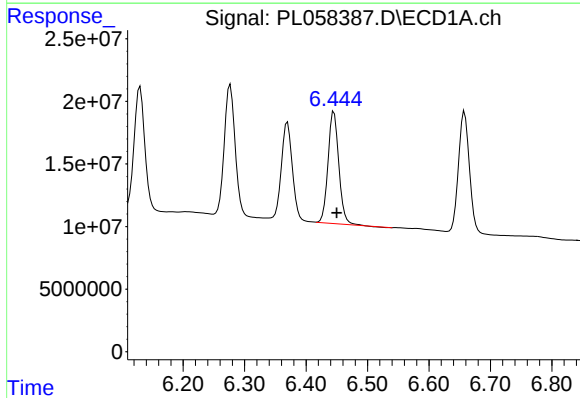
R.T.: 6.370 min  
Delta R.T.: -0.004 min  
Response: 96800881  
Conc: 9.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



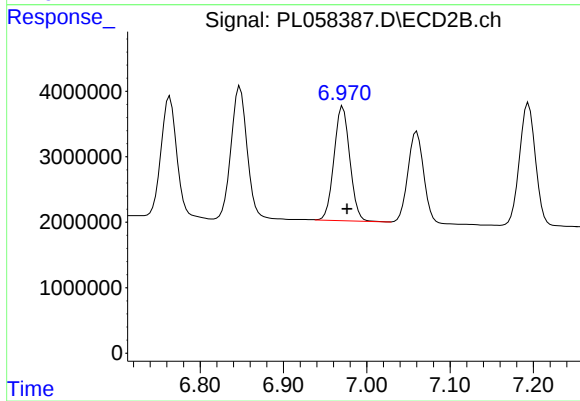
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: -0.005 min  
Response: 18306496  
Conc: 8.22 ng/ml



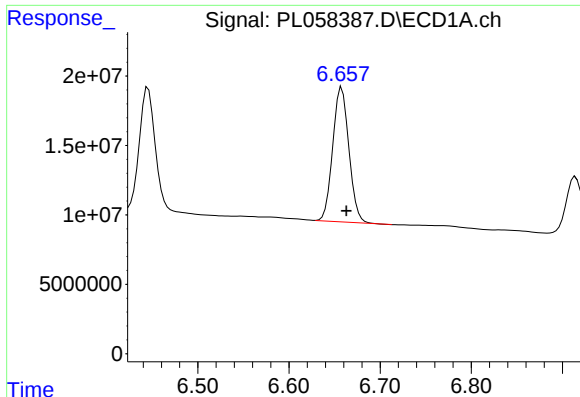
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: -0.004 min  
Response: 108996882  
Conc: 11.66 ng/ml



#18 Endrin aldehyde

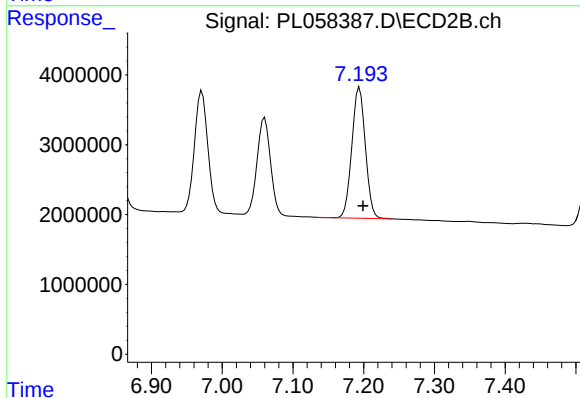
R.T.: 6.971 min  
Delta R.T.: -0.005 min  
Response: 23104339  
Conc: 10.40 ng/ml



#19 Endosulfan Sulfate

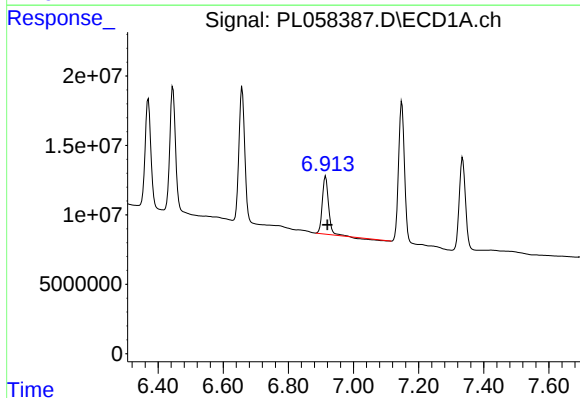
R.T.: 6.658 min  
Delta R.T.: -0.005 min  
Response: 118144044  
Conc: 11.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



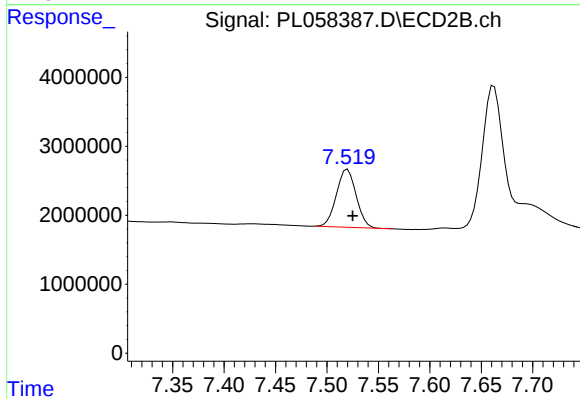
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: -0.005 min  
Response: 24937898  
Conc: 10.51 ng/ml



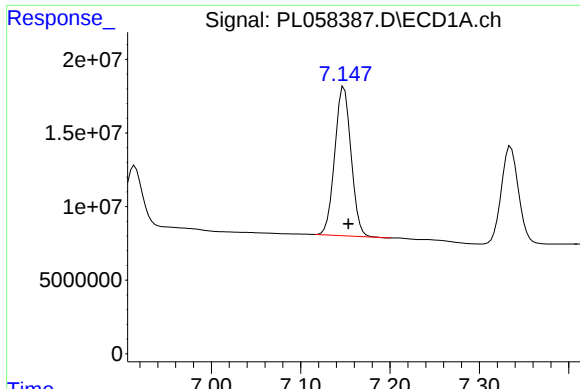
#20 Methoxychlor

R.T.: 6.914 min  
Delta R.T.: -0.005 min  
Response: 52198570  
Conc: 9.47 ng/ml



#20 Methoxychlor

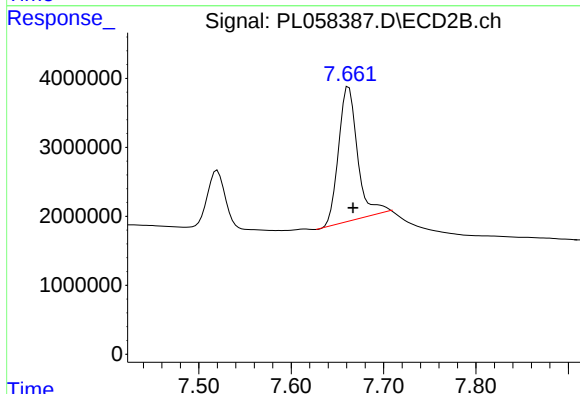
R.T.: 7.520 min  
Delta R.T.: -0.005 min  
Response: 11148771  
Conc: 8.76 ng/ml



#21 Endrin ketone

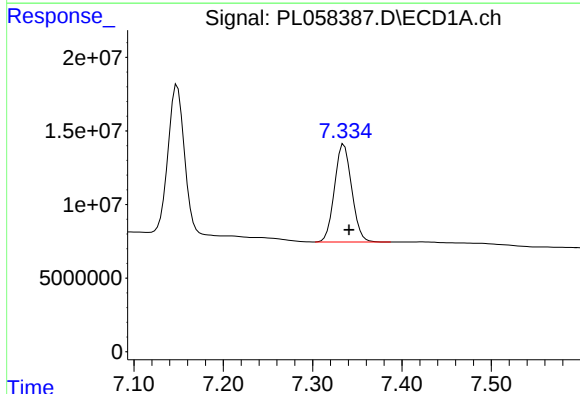
R.T.: 7.149 min  
Delta R.T.: -0.005 min  
Response: 127831972  
Conc: 11.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



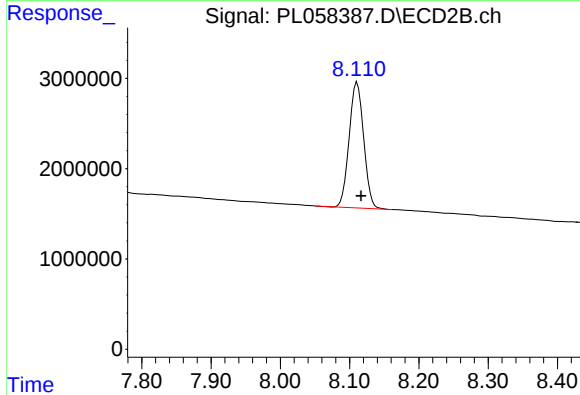
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.005 min  
Response: 27988167  
Conc: 11.32 ng/ml



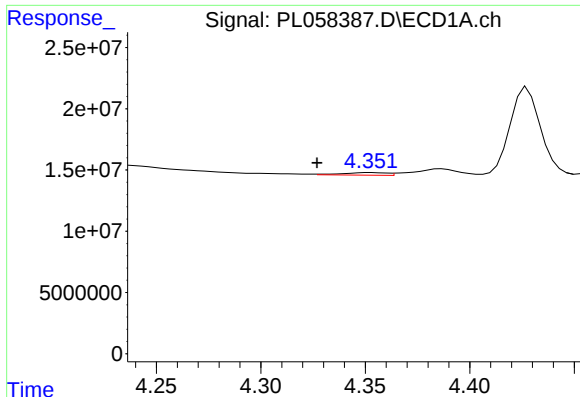
#22 Mirex

R.T.: 7.335 min  
Delta R.T.: -0.006 min  
Response: 88890348  
Conc: 10.84 ng/ml



#22 Mirex

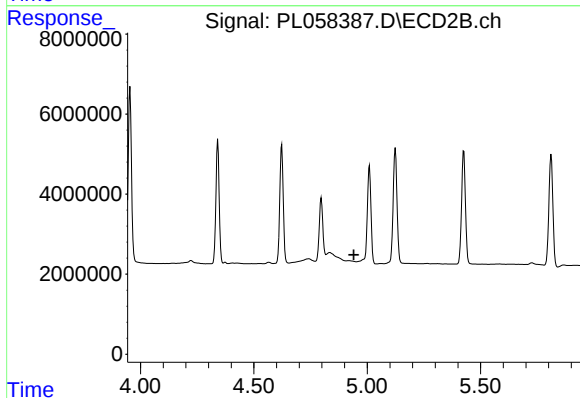
R.T.: 8.111 min  
Delta R.T.: -0.006 min  
Response: 20304996  
Conc: 11.04 ng/ml



#23 Chlordane-1

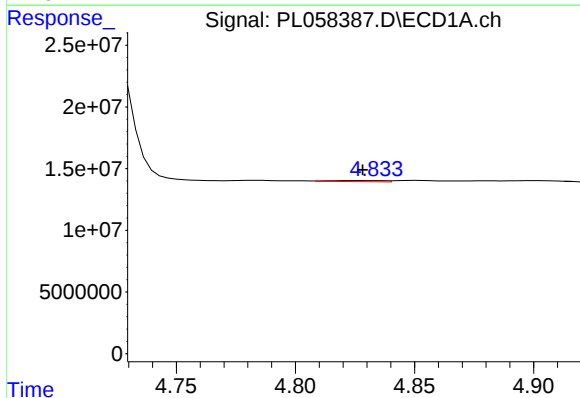
R.T.: 4.353 min  
Delta R.T.: 0.026 min  
Response: 3039928  
Conc: 8.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



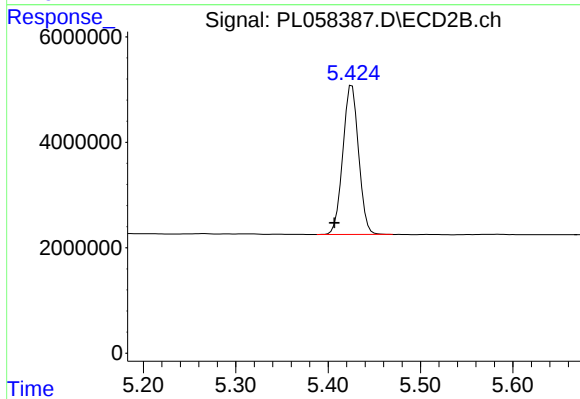
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



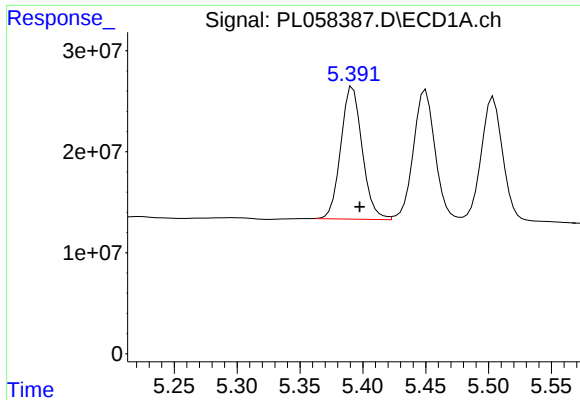
#24 Chlordane-2

R.T.: 4.829 min  
Delta R.T.: 0.000 min  
Response: 1424796  
Conc: 3.53 ng/ml



#24 Chlordane-2

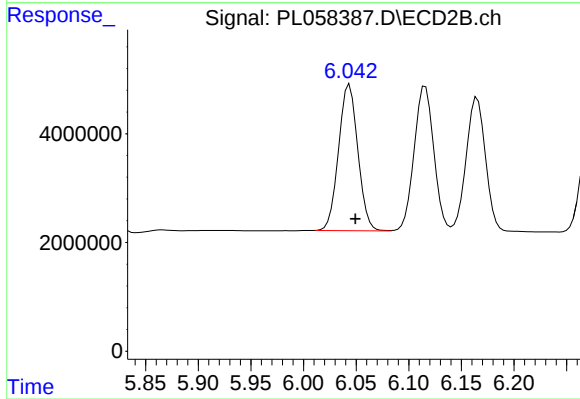
R.T.: 5.426 min  
Delta R.T.: 0.019 min  
Response: 33563525  
Conc: 321.62 ng/ml



#25 Chlordane-3

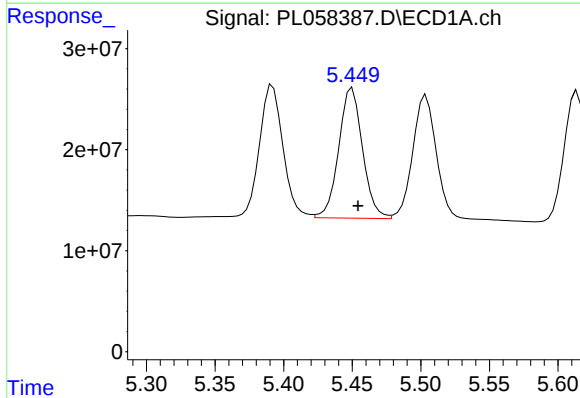
R.T.: 5.392 min  
Delta R.T.: -0.006 min  
Response: 155263792  
Conc: 126.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



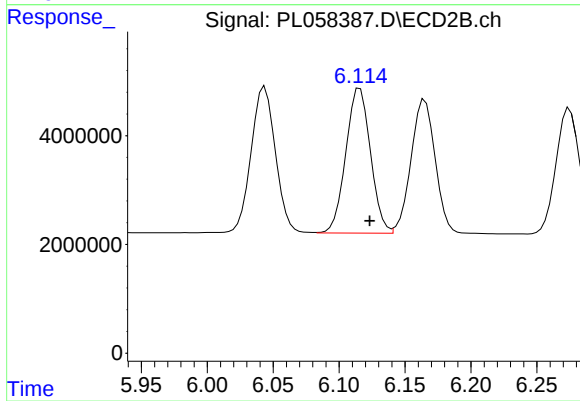
#25 Chlordane-3

R.T.: 6.044 min  
Delta R.T.: -0.006 min  
Response: 34396878  
Conc: 79.50 ng/ml



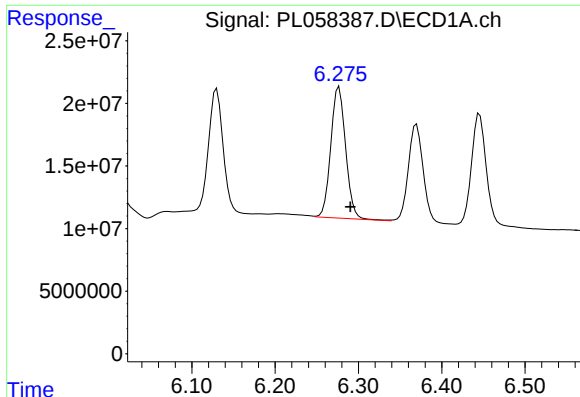
#26 Chlordane-4

R.T.: 5.450 min  
Delta R.T.: -0.004 min  
Response: 155989247  
Conc: 149.96 ng/ml



#26 Chlordane-4

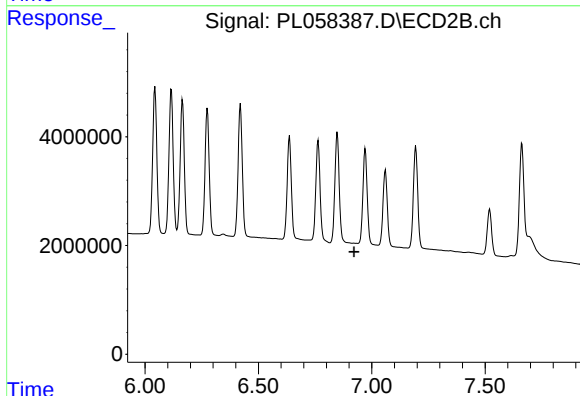
R.T.: 6.116 min  
Delta R.T.: -0.007 min  
Response: 34632171  
Conc: 65.97 ng/ml



#27 Chlordane-5

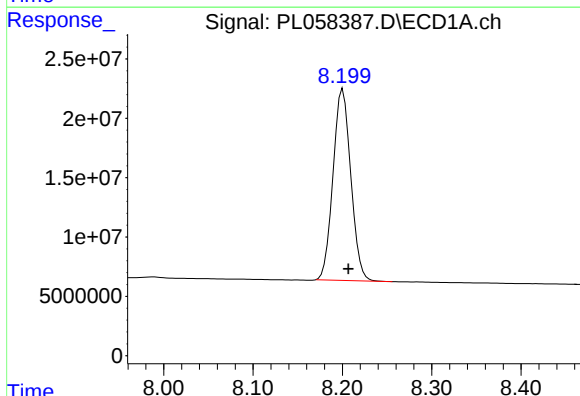
R.T.: 6.277 min  
Delta R.T.: -0.014 min  
Response: 130219665  
Conc: 344.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



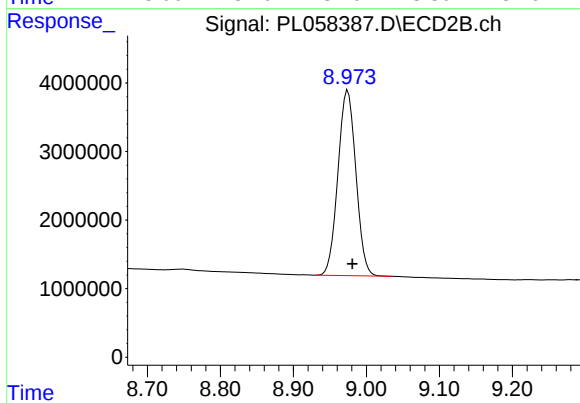
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.201 min  
Delta R.T.: -0.006 min  
Response: 222598084  
Conc: 21.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: -0.006 min  
Response: 46105813  
Conc: 20.64 ng/ml