

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031920\  
 Data File : PL057490.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Mar 2020 17:44  
 Operator : AJ\MA  
 Sample : L1980-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 20 01:24:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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... | 3.458  | 3.955  | 109.1E6  | 9054927  | 11.775  | 4.174 #   |
| 28)                         | SA Decachlor... | 8.202  | 8.976  | 119.4E6  | 35862340 | 11.280  | 16.173 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.881  | 4.335  | 45703667 | 16395955 | 2.869   | 5.105 #   |
| 3)                          | MA gamma-BHC... | 4.183  | 0.000  | 10359524 | 0        | 0.721   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.484  | 5.156f | 55579508 | 17575465 | 3.742   | 5.584 #   |
| 5)                          | MB Aldrin       | 4.729  | 5.431  | 3006943  | 4712108  | 0.218   | 1.545 #   |
| 6)                          | B beta-BHC      | 4.438  | 0.000  | 1320.8E6 | 0        | 224.654 | N.D. #    |
| 7)                          | B delta-BHC     | 4.624  | 4.985f | 15025909 | 333.0E6  | 1.071   | 121.864 # |
| 8)                          | B Heptachlo...  | 5.159  | 0.000  | 4356902  | 0        | 0.340   | N.D. #    |
| 9)                          | A Endosulfan I  | 5.502  | 6.173  | 5203255  | 5362374  | 0.438   | 1.885 #   |
| 10)                         | B gamma-Chl...  | 5.414f | 6.038  | 12825654 | 11357925 | 0.984   | 3.685 #   |
| 11)                         | B alpha-Chl...  | 5.445  | 6.147f | 55659960 | 2142645  | 4.307   | 0.688 #   |
| 12)                         | B 4,4'-DDE      | 5.625  | 0.000  | 18679080 | 0        | 1.500   | N.D. #    |
| 14)                         | MA Endrin       | 6.021  | 0.000  | 21815982 | 0        | 1.908   | N.D. #    |
| 15)                         | B Endosulfa...  | 6.290  | 6.870f | 38704589 | 12250441 | 3.564   | 4.664 #   |
| 16)                         | A 4,4'-DDD      | 6.142  | 0.000  | 6864862  | 0        | 0.700   | N.D. #    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.042f | 0        | 2625231  | N.D.    | 1.153 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.947f | 0        | 8622060  | N.D.    | 3.878 #   |
| 19)                         | B Endosulfa...  | 6.653  | 0.000  | 32352802 | 0        | 3.222   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.921  | 0.000  | 1955581  | 0        | 0.364   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.140  | 0.000  | 7713981  | 0        | 0.682   | N.D. #    |
| 22)                         | Mirex           | 7.338  | 8.146f | 19940391 | 1927229  | 2.462   | 1.009 #   |
| 23)                         | Chlordane-1     | 4.336  | 0.000  | 11568300 | 0        | 35.642  | N.D. #    |
| 24)                         | Chlordane-2     | 4.854f | 5.431f | 17489951 | 4712108  | 48.133  | 50.001    |
| 25)                         | Chlordane-3     | 5.414f | 6.038  | 12825654 | 11357925 | 11.373  | 29.952 #  |
| 26)                         | Chlordane-4     | 5.445  | 6.147f | 55659960 | 2142645  | 58.060  | 4.681 #   |
| 27)                         | Chlordane-5     | 6.290  | 6.947f | 38704589 | 8622060  | 106.373 | 107.594   |
| -----                       |                 |        |        |          |          |         |           |

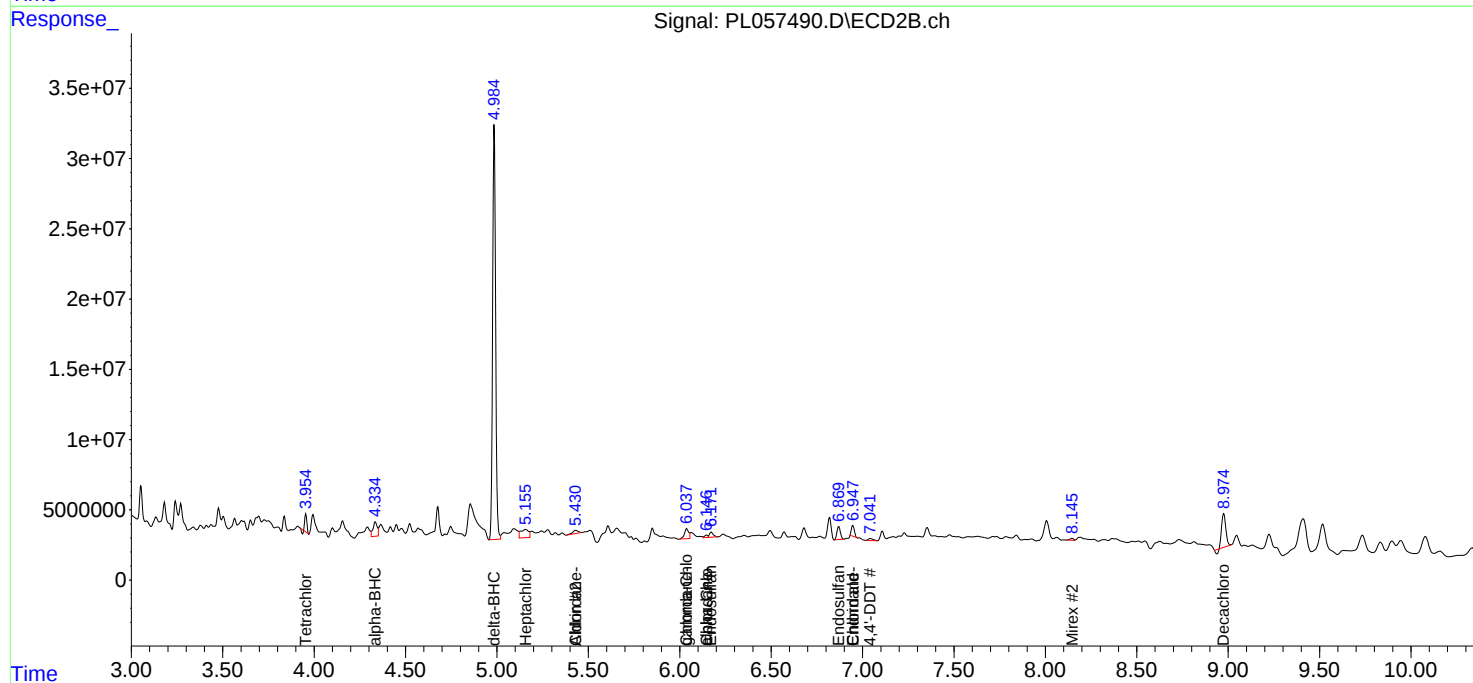
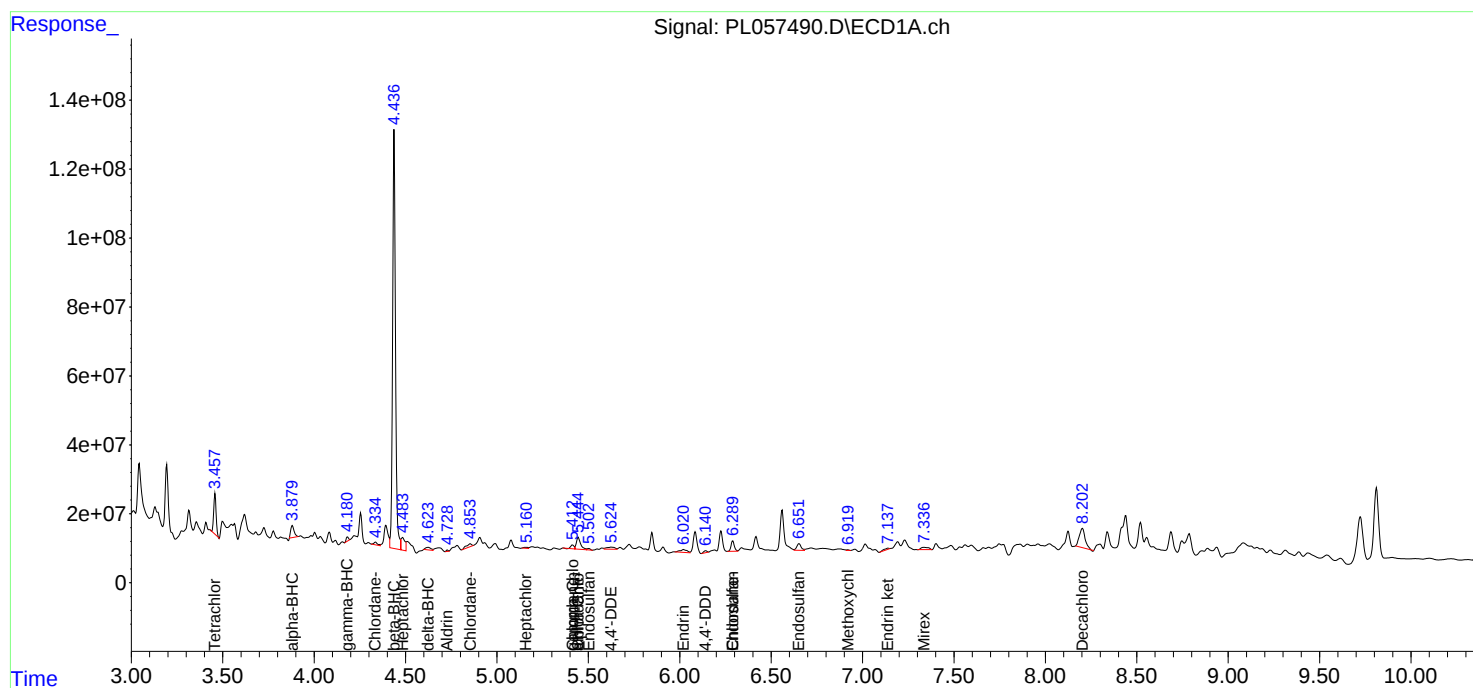
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

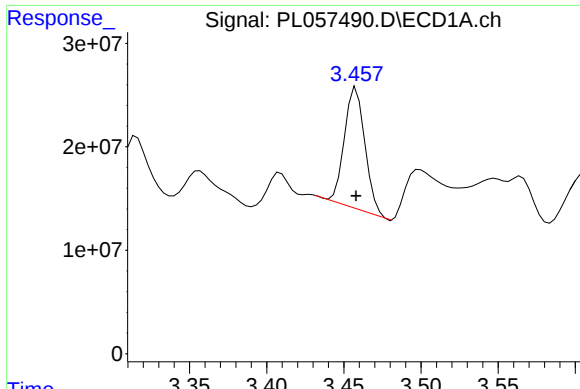
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031920\  
Data File : PL057490.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Mar 2020 17:44  
Operator : AJ\MA  
Sample : L1980-02  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 20 01:24:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 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

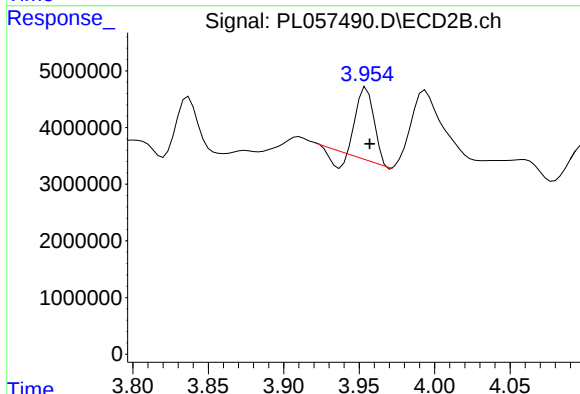




#1 Tetrachloro-m-xylene

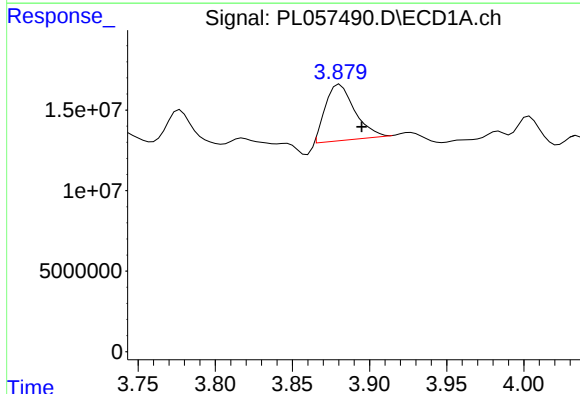
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 109146085  
Conc: 11.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



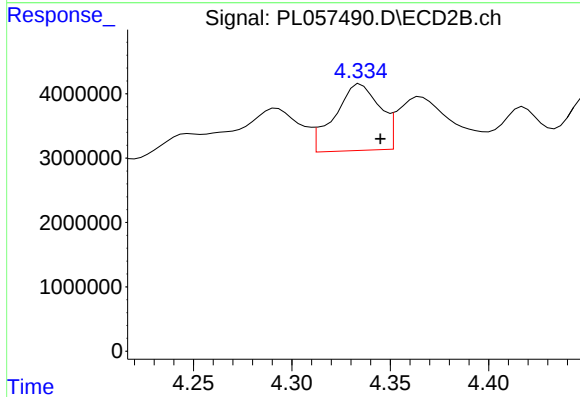
#1 Tetrachloro-m-xylene

R.T.: 3.955 min  
Delta R.T.: -0.002 min  
Response: 9054927  
Conc: 4.17 ng/ml



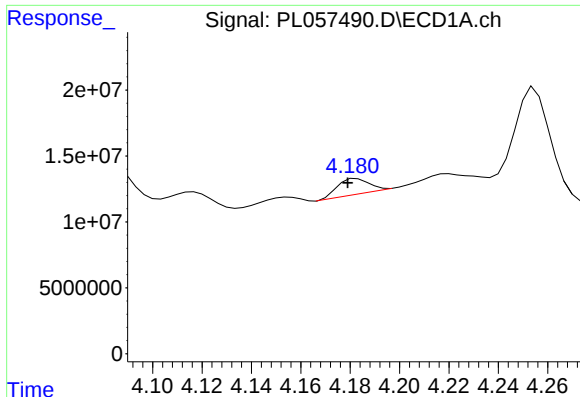
#2 alpha-BHC

R.T.: 3.881 min  
Delta R.T.: -0.014 min  
Response: 45703667  
Conc: 2.87 ng/ml



#2 alpha-BHC

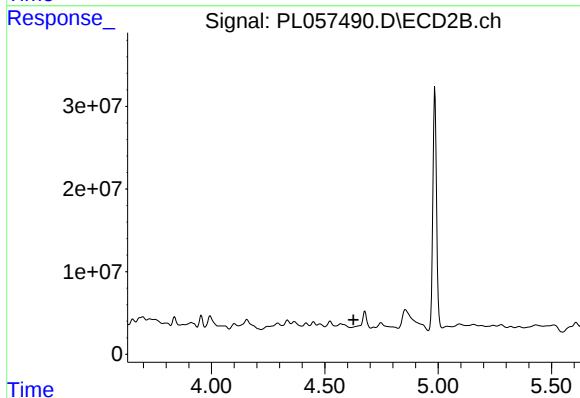
R.T.: 4.335 min  
Delta R.T.: -0.010 min  
Response: 16395955  
Conc: 5.10 ng/ml



#3 gamma-BHC (Lindane)

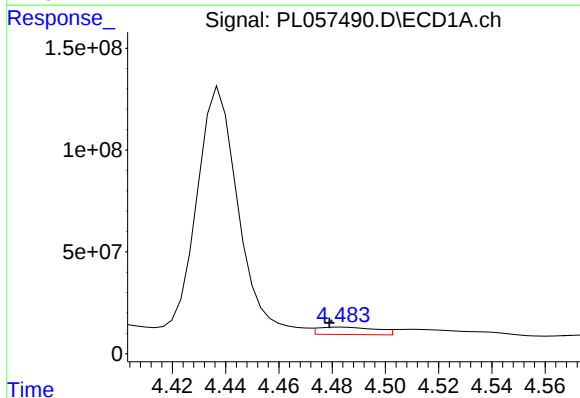
R.T.: 4.183 min  
Delta R.T.: 0.004 min  
Response: 10359524  
Conc: 0.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



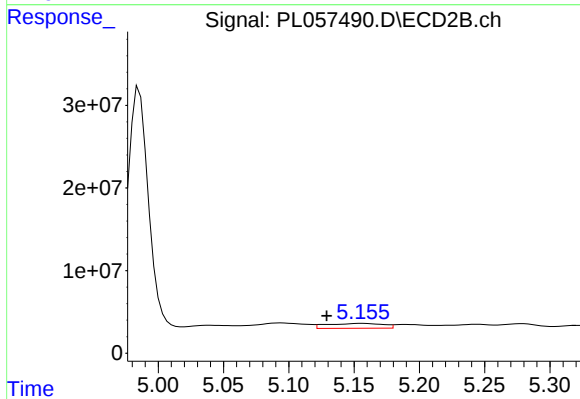
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.627 min  
Response: 0  
Conc: N.D.



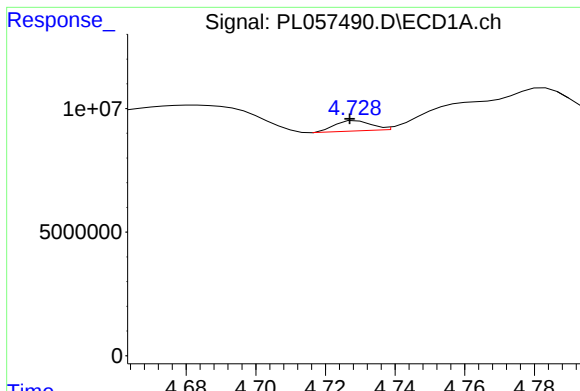
#4 Heptachlor

R.T.: 4.484 min  
Delta R.T.: 0.005 min  
Response: 55579508  
Conc: 3.74 ng/ml



#4 Heptachlor

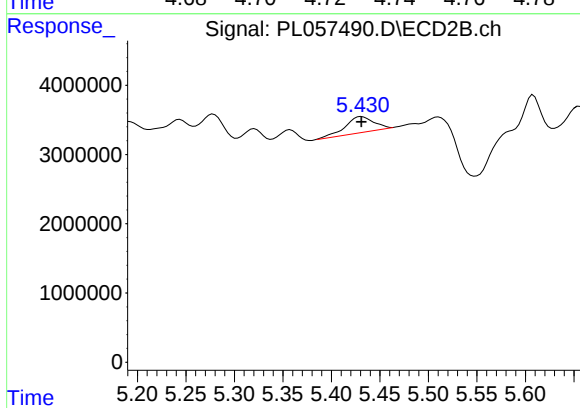
R.T.: 5.156 min  
Delta R.T.: 0.027 min  
Response: 17575465  
Conc: 5.58 ng/ml



#5 Aldrin

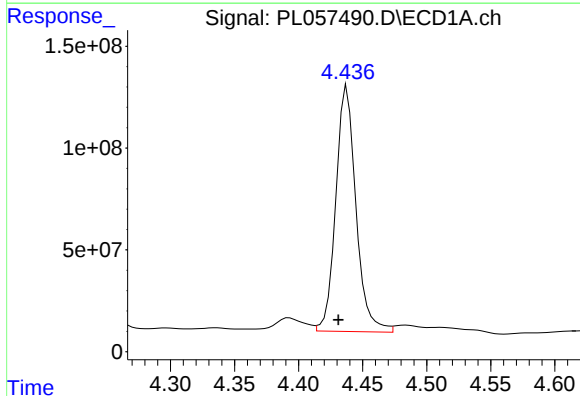
R.T.: 4.729 min  
Delta R.T.: 0.002 min  
Response: 3006943  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



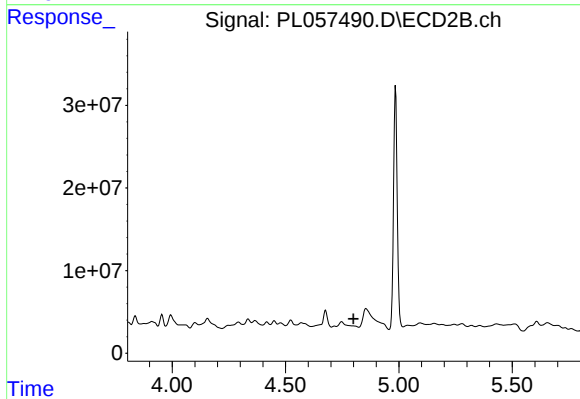
#5 Aldrin

R.T.: 5.431 min  
Delta R.T.: 0.000 min  
Response: 4712108  
Conc: 1.54 ng/ml



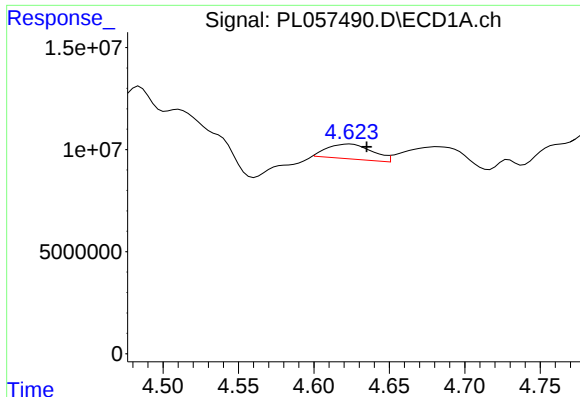
#6 beta-BHC

R.T.: 4.438 min  
Delta R.T.: 0.007 min  
Response: 1320760054  
Conc: 224.65 ng/ml



#6 beta-BHC

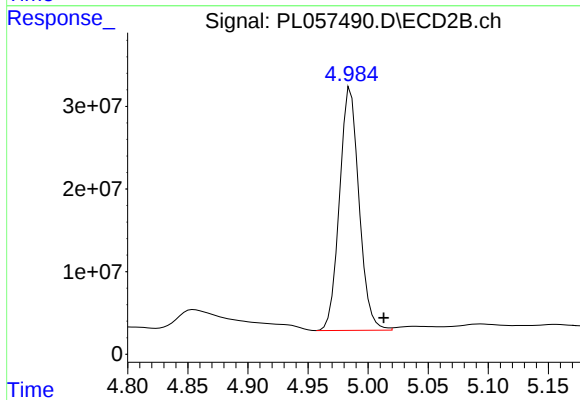
R.T.: 0.000 min  
Exp R.T.: 4.800 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

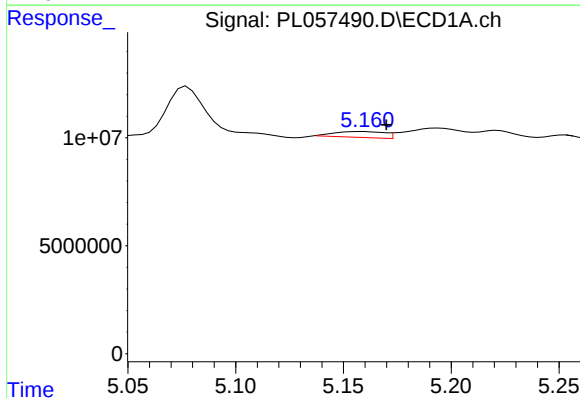
R.T.: 4.624 min  
Delta R.T.: -0.011 min  
Response: 15025909  
Conc: 1.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



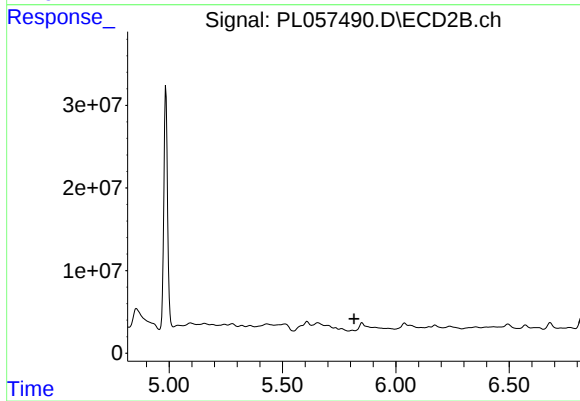
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.028 min  
Response: 332959149  
Conc: 121.86 ng/ml



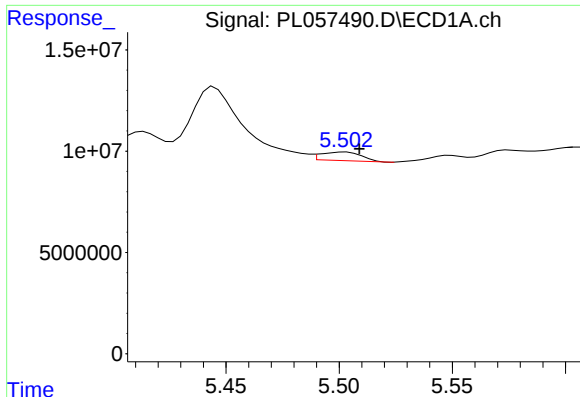
#8 Heptachlor epoxide

R.T.: 5.159 min  
Delta R.T.: -0.011 min  
Response: 4356902  
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

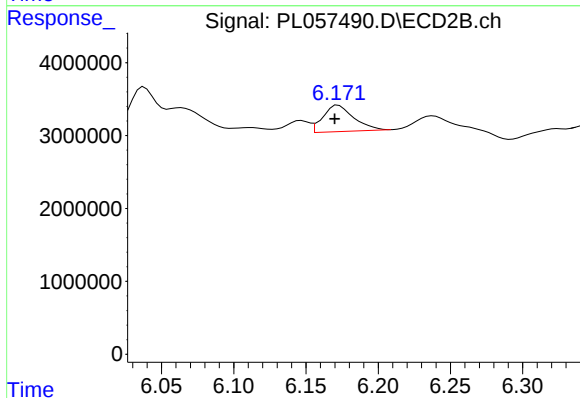
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

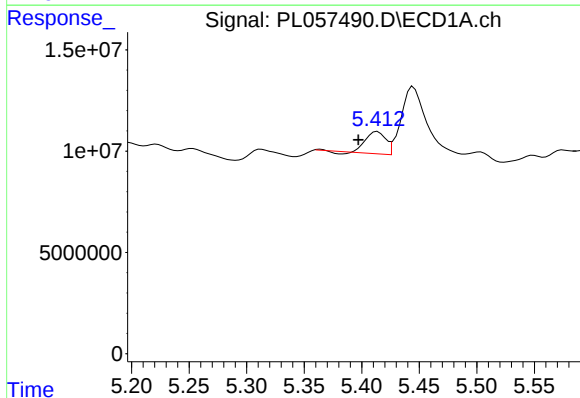
R.T.: 5.502 min  
Delta R.T.: -0.007 min  
Response: 5203255  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



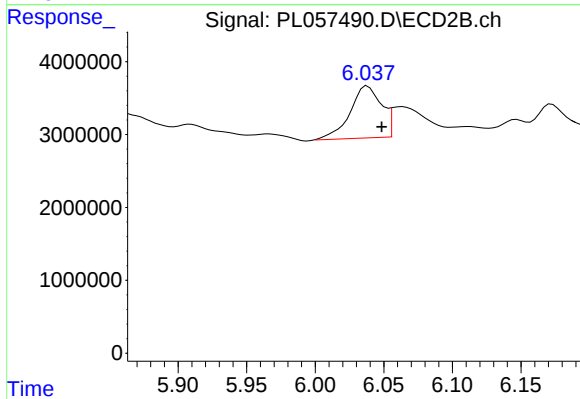
#9 Endosulfan I

R.T.: 6.173 min  
Delta R.T.: 0.003 min  
Response: 5362374  
Conc: 1.88 ng/ml



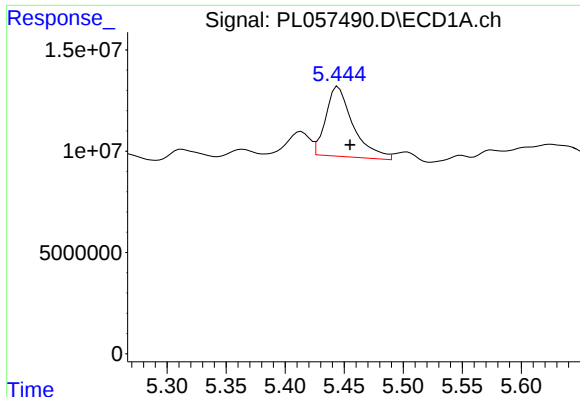
#10 gamma-Chlordane

R.T.: 5.414 min  
Delta R.T.: 0.017 min  
Response: 12825654  
Conc: 0.98 ng/ml



#10 gamma-Chlordane

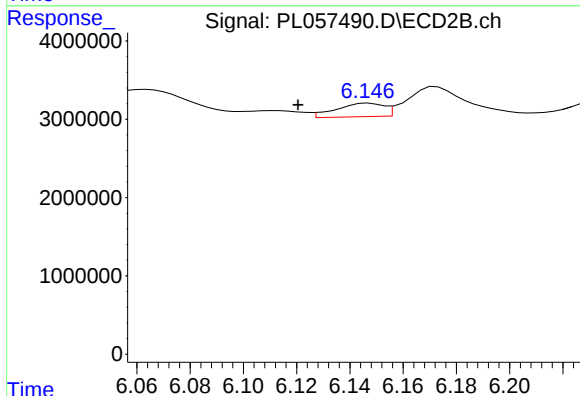
R.T.: 6.038 min  
Delta R.T.: -0.010 min  
Response: 11357925  
Conc: 3.69 ng/ml



#11 alpha-Chlordane

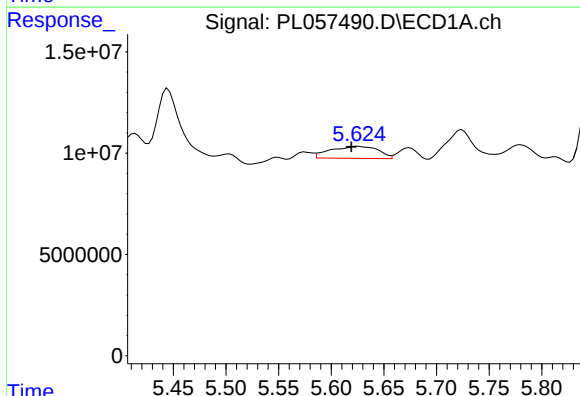
R.T.: 5.445 min  
Delta R.T.: -0.010 min  
Response: 55659960  
Conc: 4.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



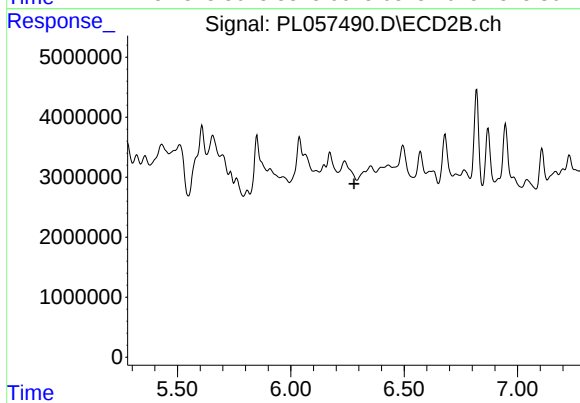
#11 alpha-Chlordane

R.T.: 6.147 min  
Delta R.T.: 0.027 min  
Response: 2142645  
Conc: 0.69 ng/ml



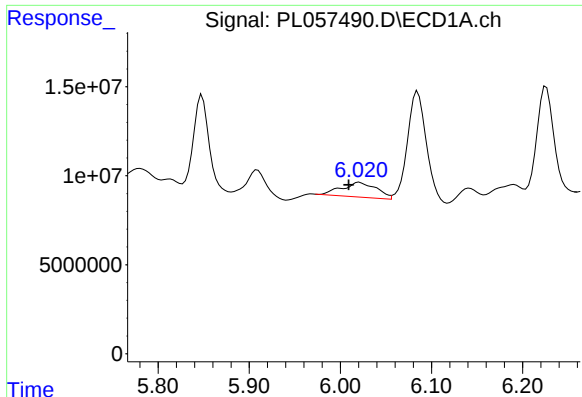
#12 4,4'-DDE

R.T.: 5.625 min  
Delta R.T.: 0.006 min  
Response: 18679080  
Conc: 1.50 ng/ml



#12 4,4'-DDE

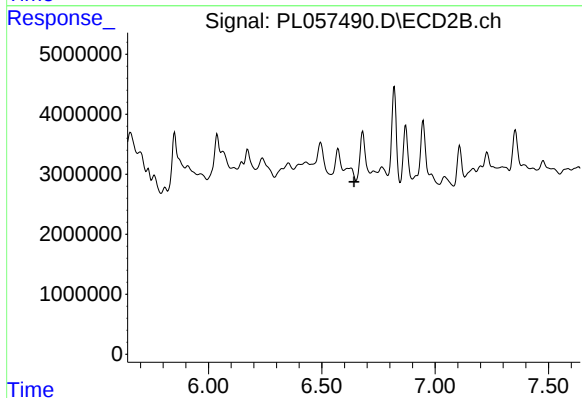
R.T.: 0.000 min  
Exp R.T.: 6.280 min  
Response: 0  
Conc: N.D.



#14 Endrin

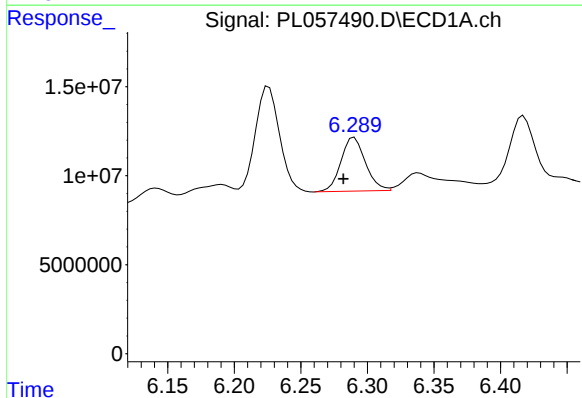
R.T.: 6.021 min  
Delta R.T.: 0.012 min  
Response: 21815982  
Conc: 1.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



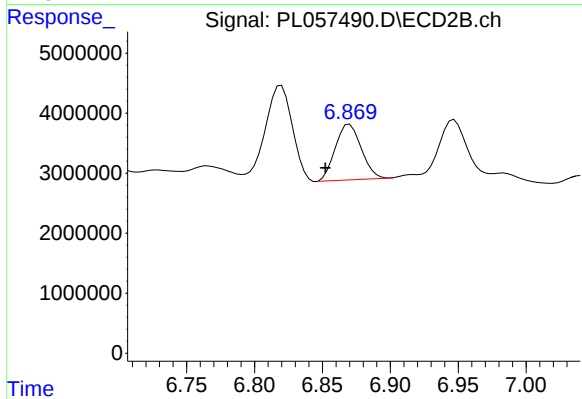
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.642 min  
Response: 0  
Conc: N.D.



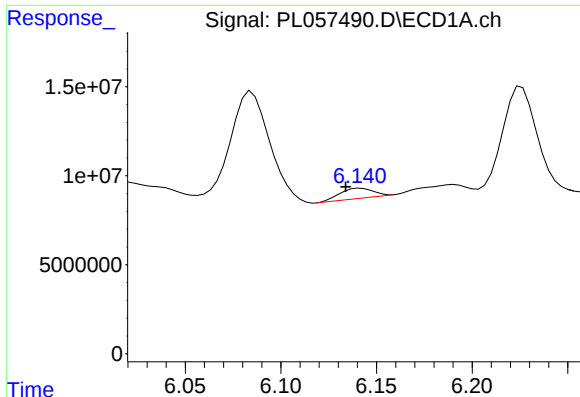
#15 Endosulfan II

R.T.: 6.290 min  
Delta R.T.: 0.008 min  
Response: 38704589  
Conc: 3.56 ng/ml



#15 Endosulfan II

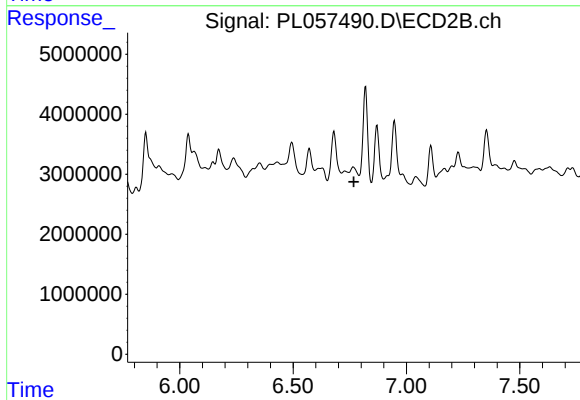
R.T.: 6.870 min  
Delta R.T.: 0.018 min  
Response: 12250441  
Conc: 4.66 ng/ml



#16 4,4'-DDD

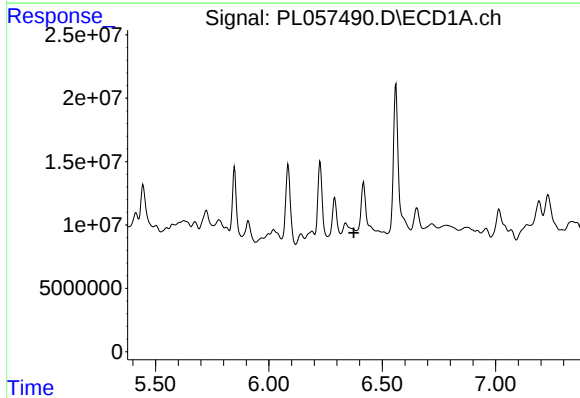
R.T.: 6.142 min  
Delta R.T.: 0.008 min  
Response: 6864862  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



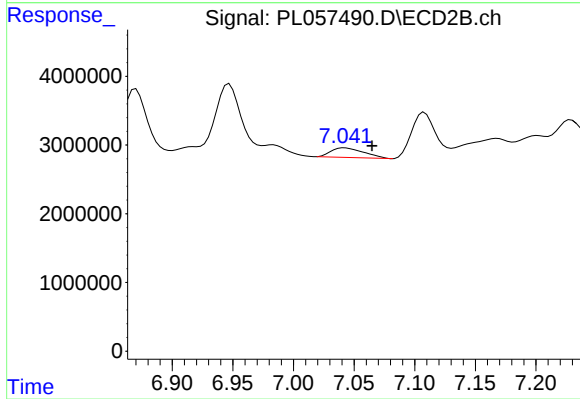
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.768 min  
Response: 0  
Conc: N.D.



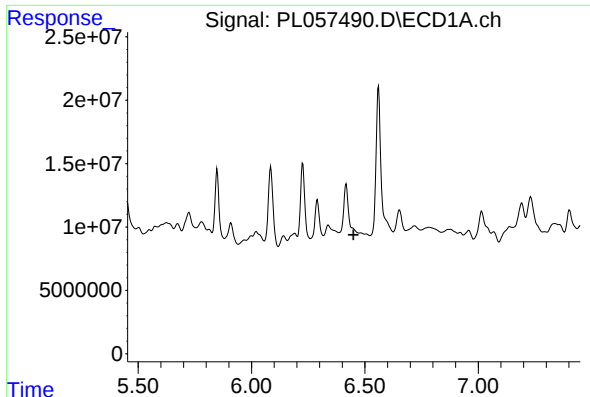
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 6.375 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

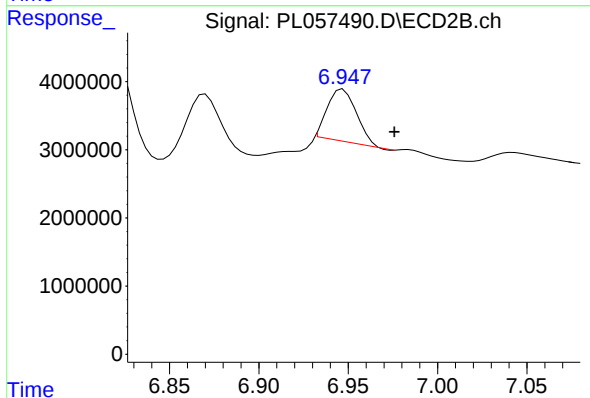
R.T.: 7.042 min  
Delta R.T.: -0.023 min  
Response: 2625231  
Conc: 1.15 ng/ml



#18 Endrin aldehyde

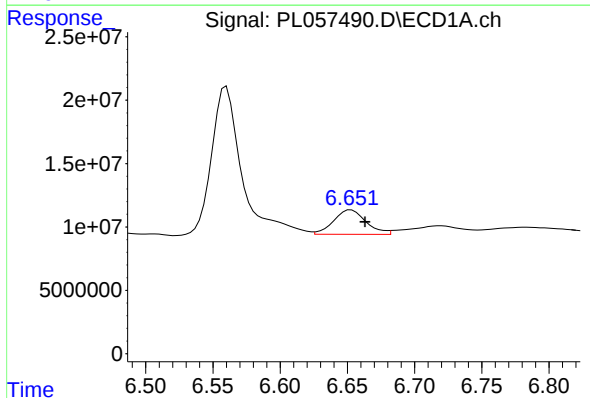
R.T.: 0.000 min  
Exp R.T.: 6.450 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



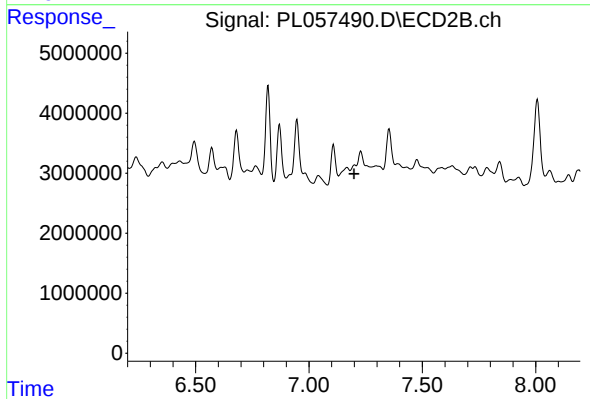
#18 Endrin aldehyde

R.T.: 6.947 min  
Delta R.T.: -0.029 min  
Response: 8622060  
Conc: 3.88 ng/ml



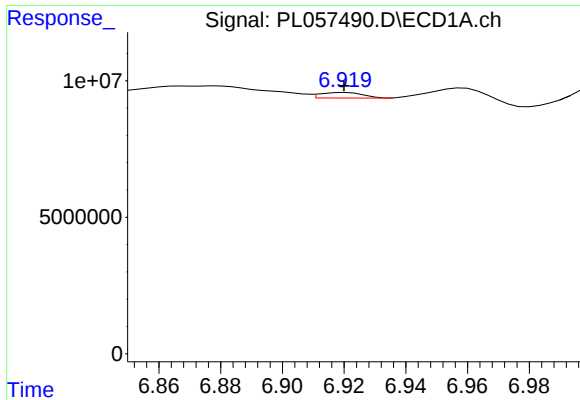
#19 Endosulfan Sulfate

R.T.: 6.653 min  
Delta R.T.: -0.010 min  
Response: 32352802  
Conc: 3.22 ng/ml



#19 Endosulfan Sulfate

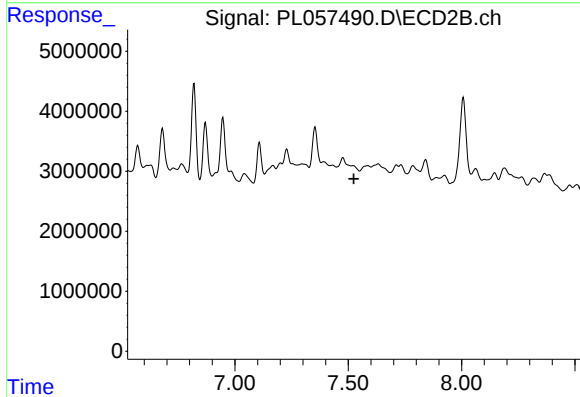
R.T.: 0.000 min  
Exp R.T.: 7.199 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

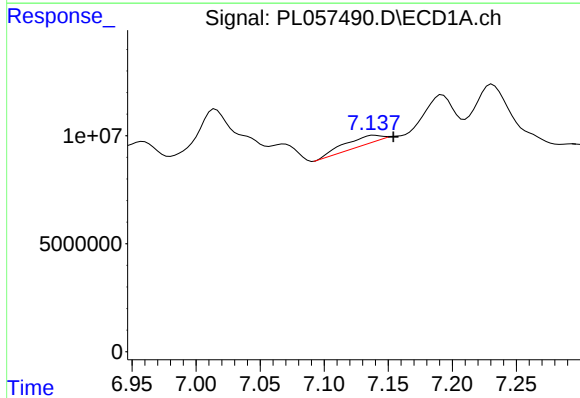
R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 1955581  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



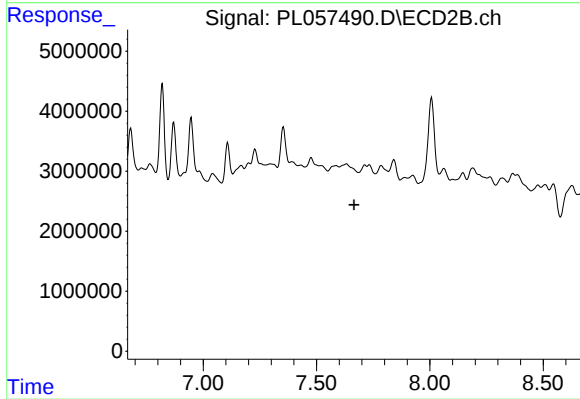
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.524 min  
Response: 0  
Conc: N.D.



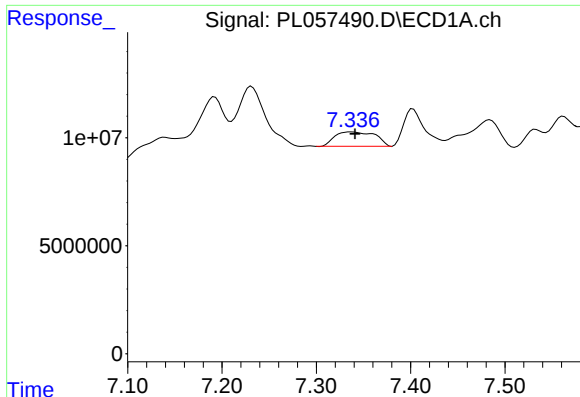
#21 Endrin ketone

R.T.: 7.140 min  
Delta R.T.: -0.014 min  
Response: 7713981  
Conc: 0.68 ng/ml



#21 Endrin ketone

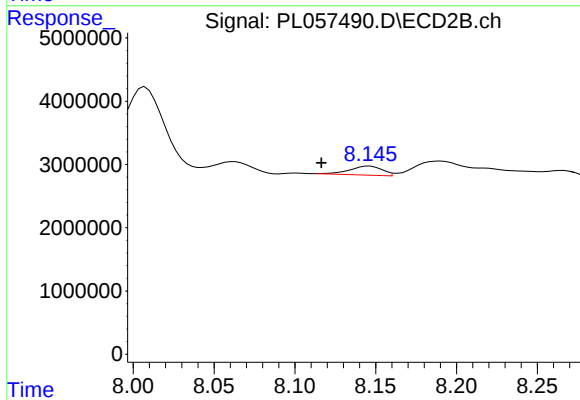
R.T.: 0.000 min  
Exp R.T. : 7.666 min  
Response: 0  
Conc: N.D.



#22 Mirex

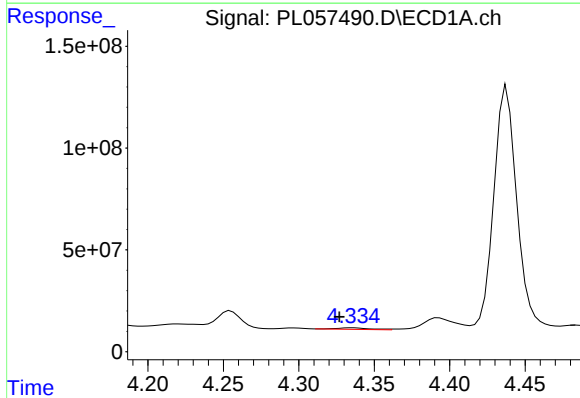
R.T.: 7.338 min  
Delta R.T.: -0.003 min  
Response: 19940391  
Conc: 2.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



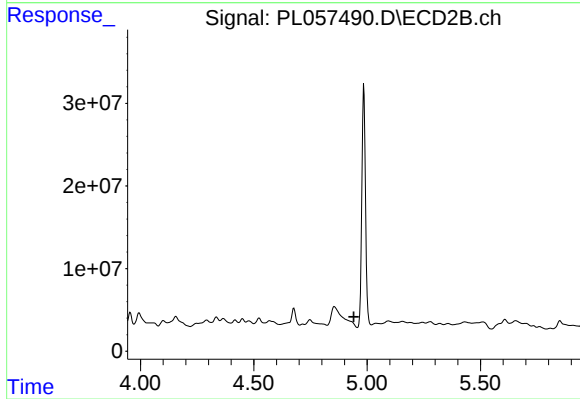
#22 Mirex

R.T.: 8.146 min  
Delta R.T.: 0.030 min  
Response: 1927229  
Conc: 1.01 ng/ml



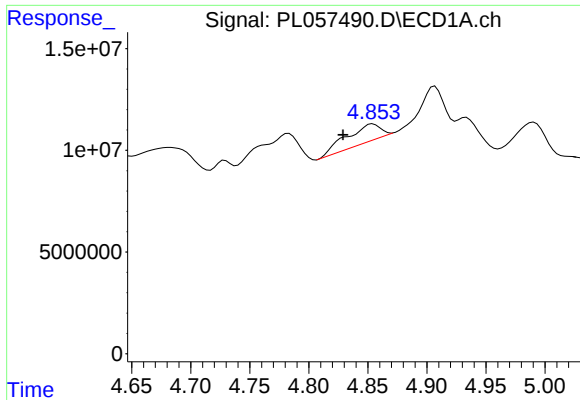
#23 Chlordane-1

R.T.: 4.336 min  
Delta R.T.: 0.009 min  
Response: 11568300  
Conc: 35.64 ng/ml



#23 Chlordane-1

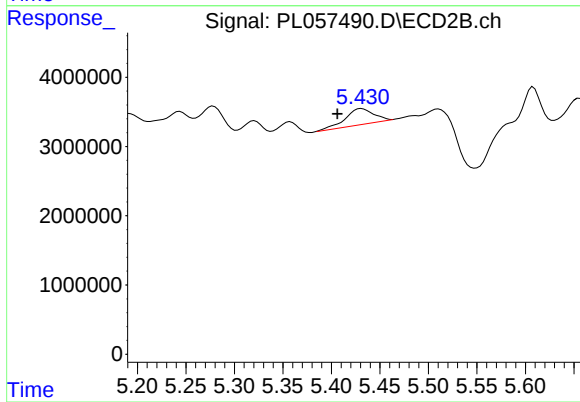
R.T.: 0.000 min  
Exp R.T.: 4.941 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

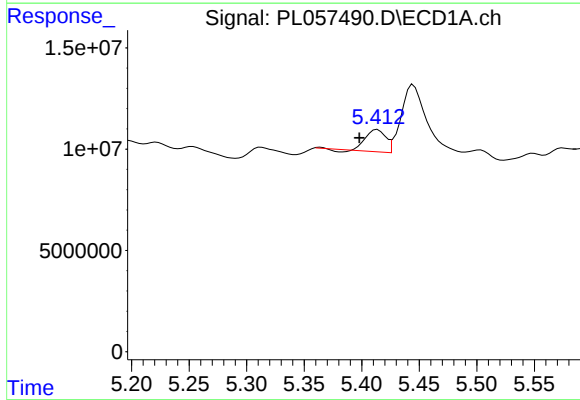
R.T.: 4.854 min  
Delta R.T.: 0.025 min  
Response: 17489951  
Conc: 48.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



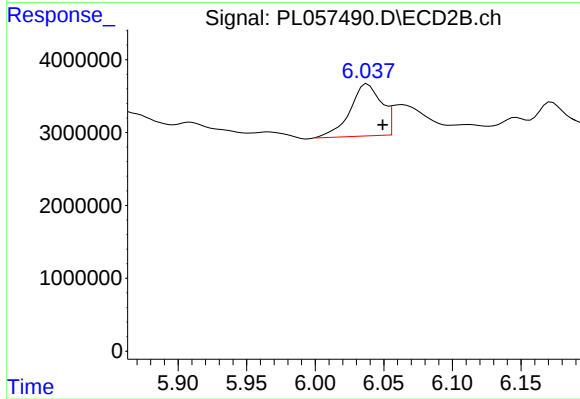
#24 Chlordane-2

R.T.: 5.431 min  
Delta R.T.: 0.025 min  
Response: 4712108  
Conc: 50.00 ng/ml



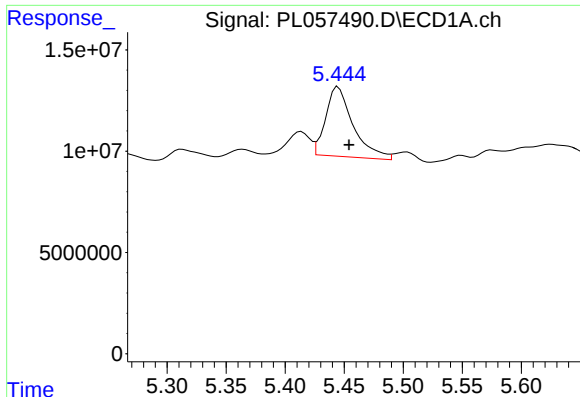
#25 Chlordane-3

R.T.: 5.414 min  
Delta R.T.: 0.016 min  
Response: 12825654  
Conc: 11.37 ng/ml



#25 Chlordane-3

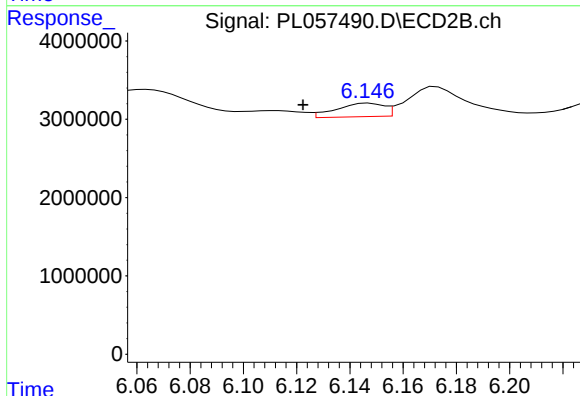
R.T.: 6.038 min  
Delta R.T.: -0.011 min  
Response: 11357925  
Conc: 29.95 ng/ml



#26 Chlordane-4

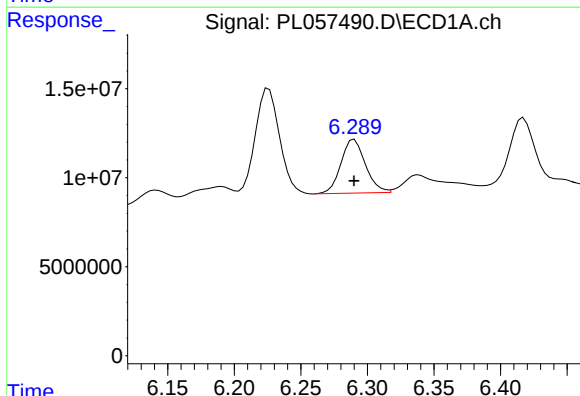
R.T.: 5.445 min  
Delta R.T.: -0.009 min  
Response: 55659960  
Conc: 58.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



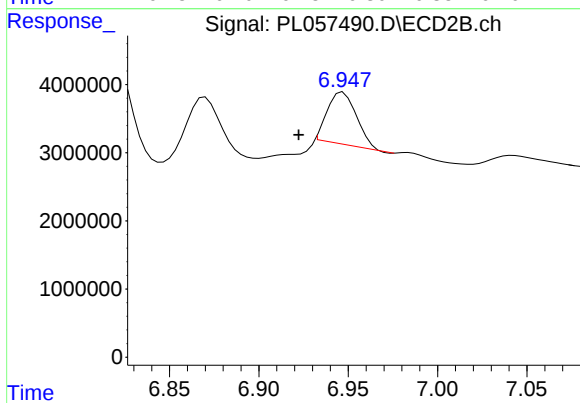
#26 Chlordane-4

R.T.: 6.147 min  
Delta R.T.: 0.025 min  
Response: 2142645  
Conc: 4.68 ng/ml



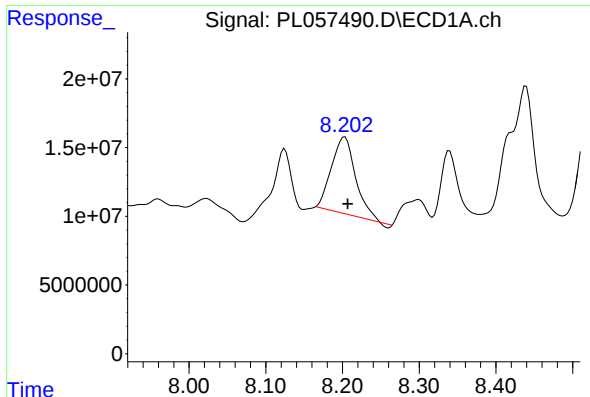
#27 Chlordane-5

R.T.: 6.290 min  
Delta R.T.: 0.000 min  
Response: 38704589  
Conc: 106.37 ng/ml



#27 Chlordane-5

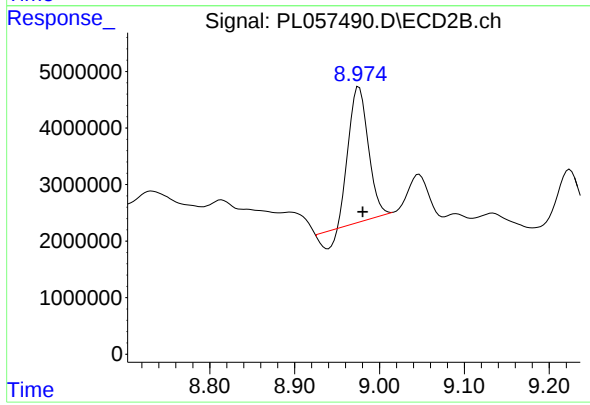
R.T.: 6.947 min  
Delta R.T.: 0.025 min  
Response: 8622060  
Conc: 107.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: -0.005 min  
Response: 119355201  
Conc: 11.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: -0.004 min  
Response: 35862340  
Conc: 16.17 ng/ml