

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111220\  
 Data File : PL062984.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2020 14:10  
 Operator : DD\AJ  
 Sample : L4702-02MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 00:28:56 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 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... | 3.411 | 3.951  | 28442292 | 49854262 | 16.535   | 16.965     |
| 28)                         | SA Decachlor... | 8.127 | 8.991  | 20214306 | 24701607 | 12.600   | 11.802     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.843 | 4.338  | 122.9E6  | 239.4E6  | 48.216   | 53.889     |
| 3)                          | MA gamma-BHC... | 4.122 | 4.620  | 109.6E6  | 207.4E6  | 47.315   | 49.672     |
| 4)                          | MA Heptachlor   | 4.419 | 5.125  | 104.3E6  | 188.5E6  | 48.611   | 47.260     |
| 5)                          | MB Aldrin       | 4.664 | 5.429  | 93531590 | 173.9E6  | 49.002   | 48.035     |
| 6)                          | B beta-BHC      | 4.372 | 4.792  | 47322609 | 90616882 | 49.542   | 48.123     |
| 7)                          | B delta-BHC     | 4.573 | 5.006  | 106.7E6  | 179.5E6  | 49.108   | 51.286     |
| 8)                          | B Heptachlo...  | 5.103 | 5.814  | 94054899 | 157.6E6  | 51.549   | 48.667     |
| 9)                          | A Endosulfan I  | 5.438 | 6.169  | 83562275 | 144.0E6  | 49.989   | 45.658     |
| 10)                         | B gamma-Chl...  | 5.328 | 6.048  | 88709744 | 143.7E6  | 49.240   | 42.688     |
| 11)                         | B alpha-Chl...  | 5.385 | 6.120  | 88784522 | 151.7E6  | 49.113   | 45.032     |
| 12)                         | B 4,4'-DDE      | 5.551 | 6.279  | 81213193 | 145.3E6  | 49.088   | 45.089     |
| 13)                         | MA Dieldrin     | 5.679 | 6.426  | 84935158 | 142.5E6  | 48.068   | 44.532     |
| 14)                         | MA Endrin       | 5.933 | 6.643  | 87082557 | 140.5E6  | 52.340   | 50.326     |
| 15)                         | B Endosulfa...  | 6.206 | 6.853  | 72011031 | 127.9E6  | 43.679   | 44.731     |
| 16)                         | A 4,4'-DDD      | 6.063 | 6.768  | 69231040 | 151.6E6  | 48.944   | 59.225     |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.067  | 61850827 | 101.9E6  | 46.345   | 45.380     |
| 18)                         | B Endrin al...  | 6.373 | 6.977  | 61401204 | 97677099 | 42.285   | 42.830     |
| 19)                         | B Endosulfa...  | 6.585 | 7.200  | 76888028 | 103.4E6  | 46.592   | 43.103     |
| 20)                         | A Methoxychlor  | 6.845 | 7.527  | 37617122 | 50774787 | 43.675   | 41.096     |
| 21)                         | B Endrin ke...  | 7.071 | 7.669  | 86736741 | 112.6E6  | 48.106   | 47.524     |
| 22)                         | Mirex           | 7.257 | 8.122  | 66713392 | 78348619 | 47.058   | 45.977     |
| 23)                         | Chlordane-1     | 4.272 | 0.000  | 144628   | 0        | 2.806    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.429f | 0        | 173.9E6  | N.D.     | 1594.525 # |
| 25)                         | Chlordane-3     | 5.328 | 6.048  | 88709744 | 143.7E6  | 579.314  | 355.756 #  |
| 26)                         | Chlordane-4     | 5.385 | 6.120  | 88784522 | 151.7E6  | 681.591  | 313.261 #  |
| 27)                         | Chlordane-5     | 6.206 | 0.000  | 72011031 | 0        | 1492.591 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

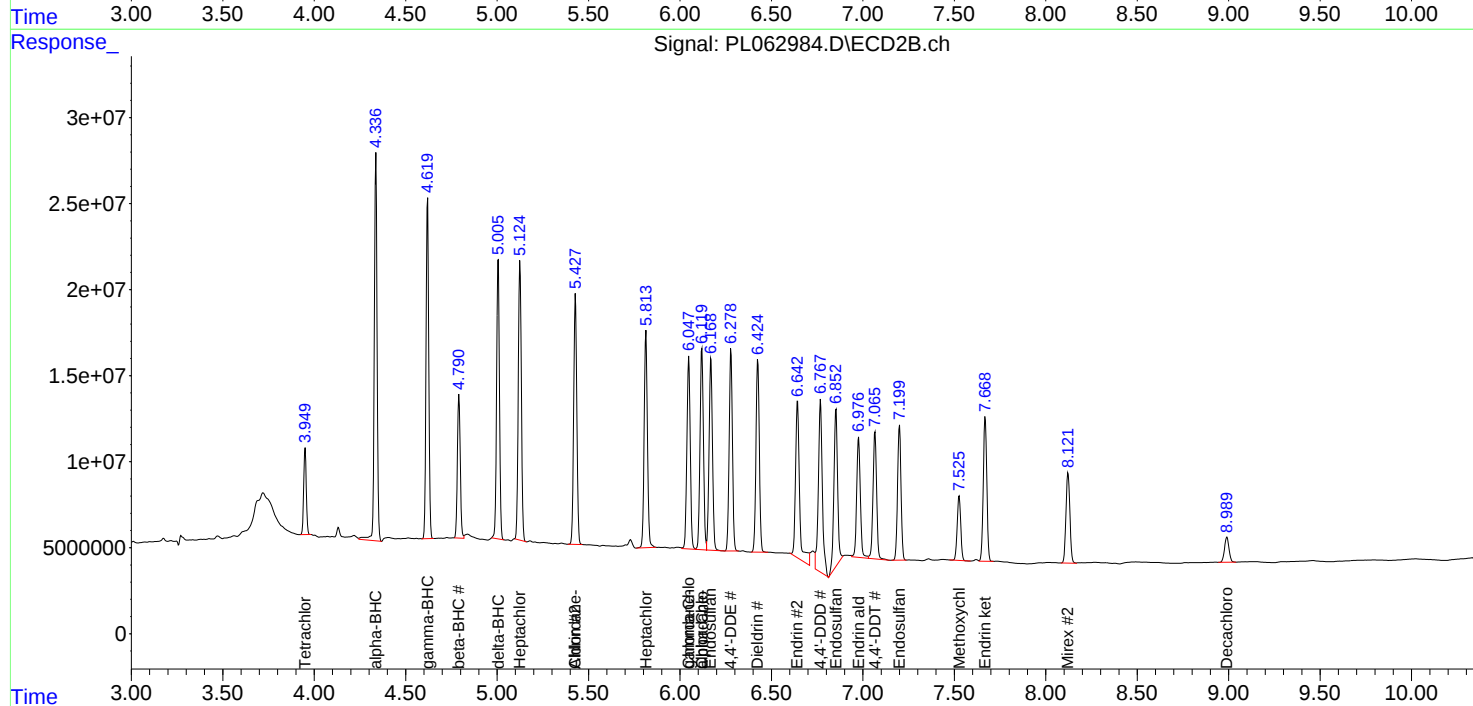
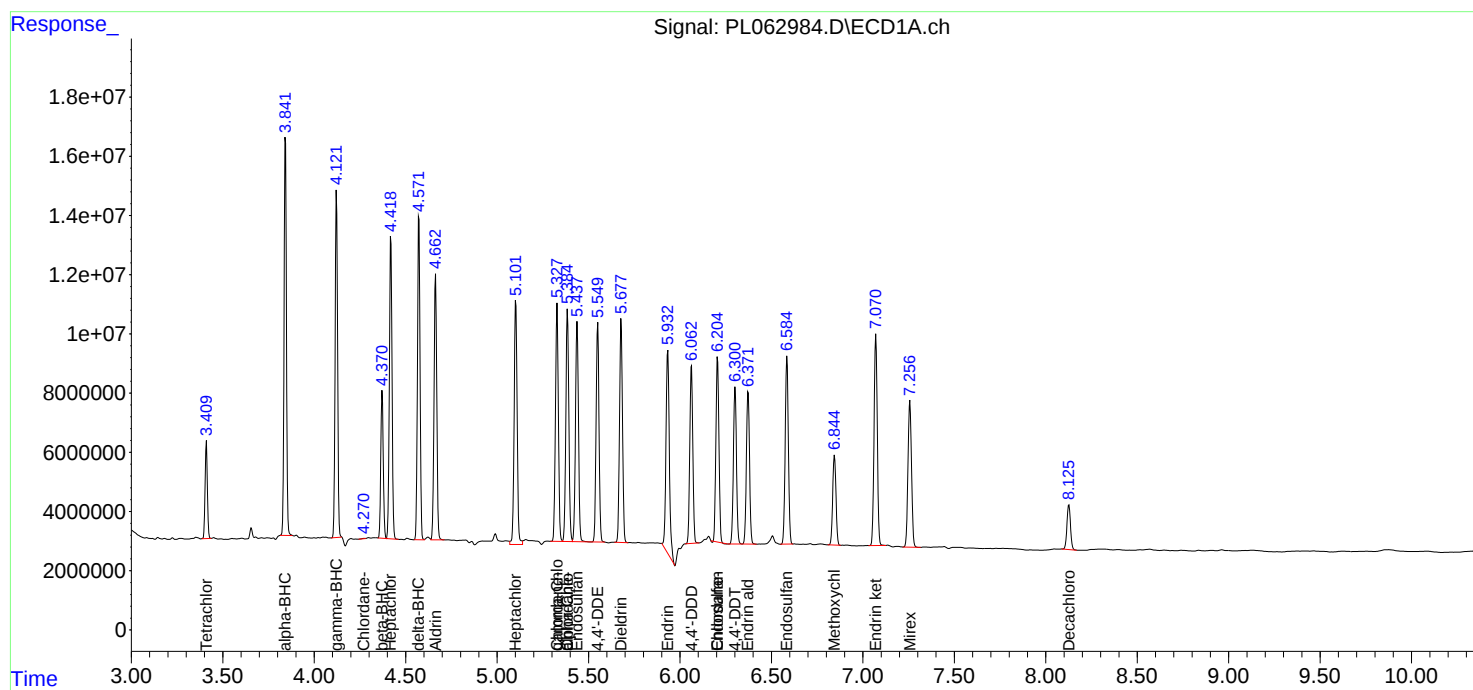
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

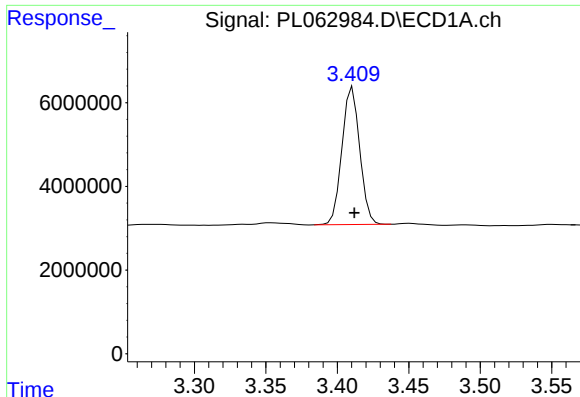
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111220\  
Data File : PL062984.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2020 14:10  
Operator : DD\AJ  
Sample : L4702-02MS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 00:28:56 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 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

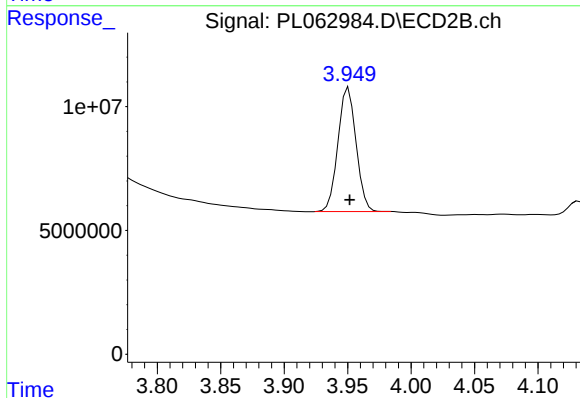




#1 Tetrachloro-m-xylene

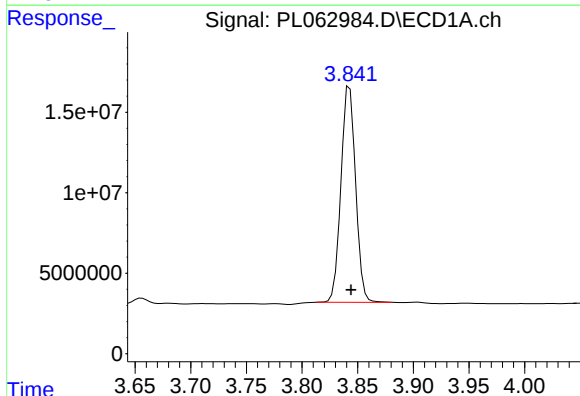
R.T.: 3.411 min  
Delta R.T.: -0.001 min  
Response: 28442292  
Conc: 16.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



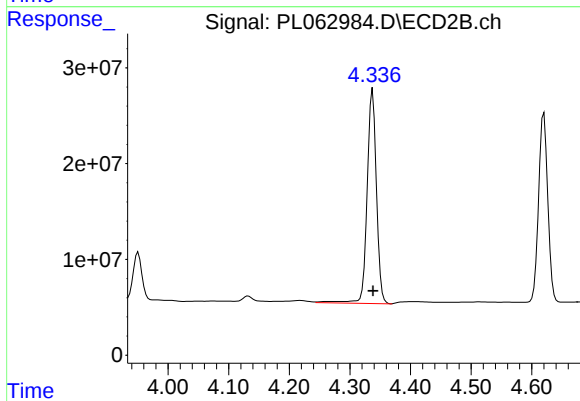
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 49854262  
Conc: 16.96 ng/ml



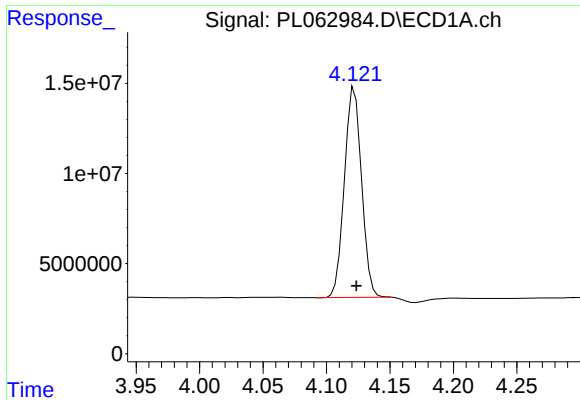
#2 alpha-BHC

R.T.: 3.843 min  
Delta R.T.: -0.001 min  
Response: 122935286  
Conc: 48.22 ng/ml



#2 alpha-BHC

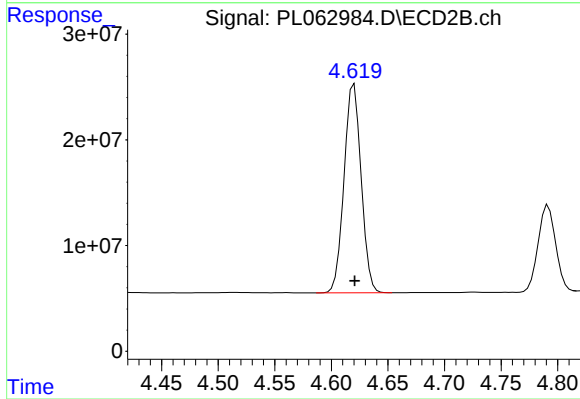
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 239440163  
Conc: 53.89 ng/ml



#3 gamma-BHC (Lindane)

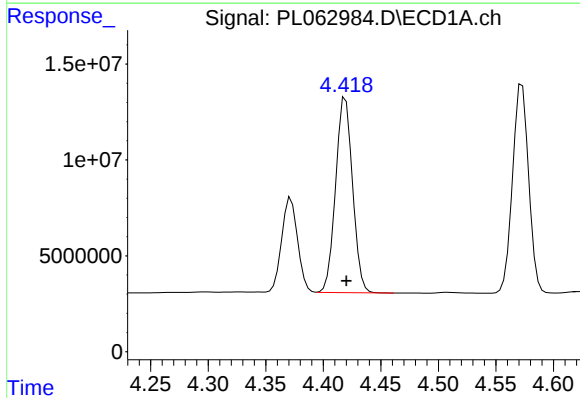
R.T.: 4.122 min  
Delta R.T.: -0.001 min  
Response: 109614176  
Conc: 47.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



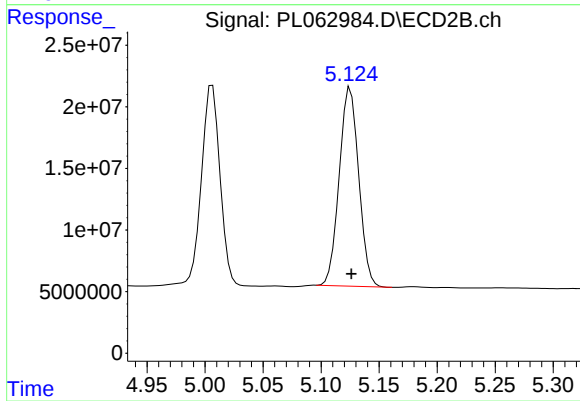
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 207416654  
Conc: 49.67 ng/ml



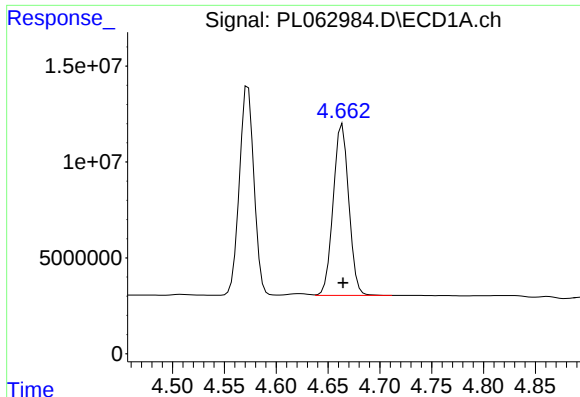
#4 Heptachlor

R.T.: 4.419 min  
Delta R.T.: 0.000 min  
Response: 104309881  
Conc: 48.61 ng/ml



#4 Heptachlor

R.T.: 5.125 min  
Delta R.T.: 0.000 min  
Response: 188468337  
Conc: 47.26 ng/ml



#5 Aldrin

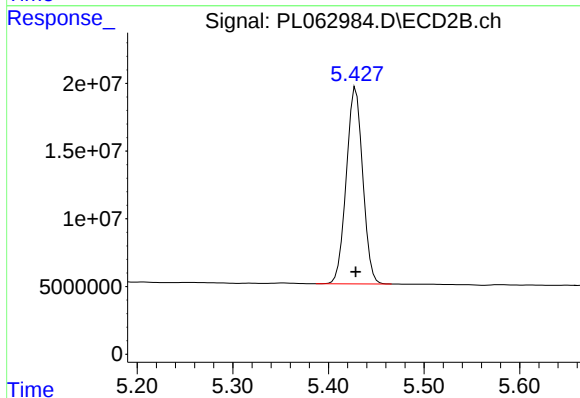
R.T.: 4.664 min

Delta R.T.: 0.000 min

Response: 93531590

Conc: 49.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



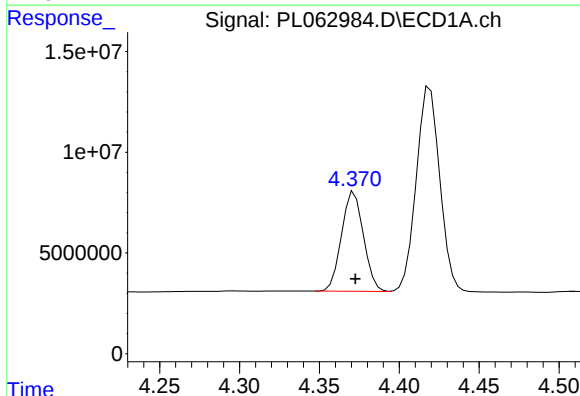
#5 Aldrin

R.T.: 5.429 min

Delta R.T.: 0.000 min

Response: 173860583

Conc: 48.03 ng/ml



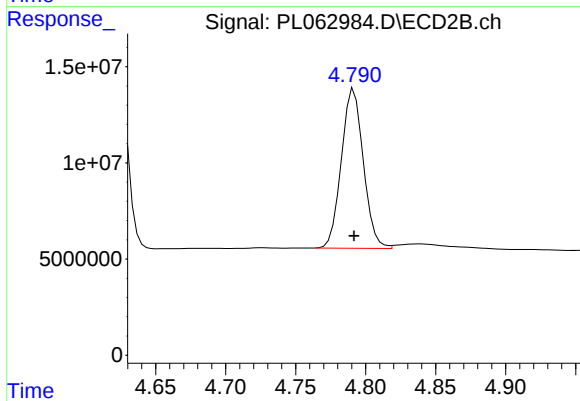
#6 beta-BHC

R.T.: 4.372 min

Delta R.T.: 0.000 min

Response: 47322609

Conc: 49.54 ng/ml



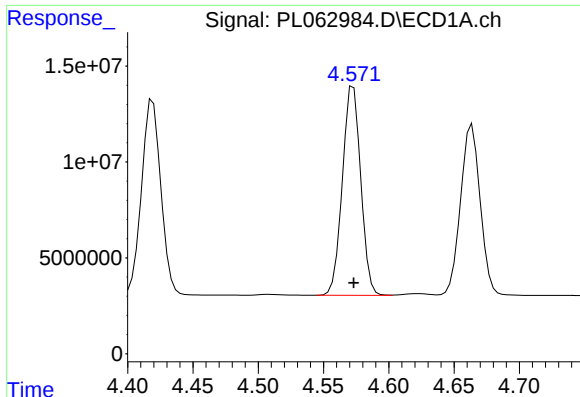
#6 beta-BHC

R.T.: 4.792 min

Delta R.T.: 0.000 min

Response: 90616882

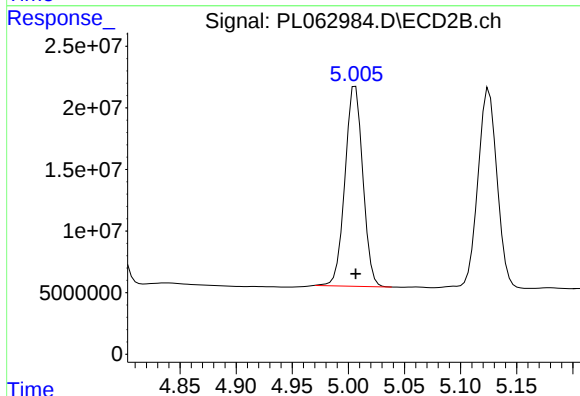
Conc: 48.12 ng/ml



#7 delta-BHC

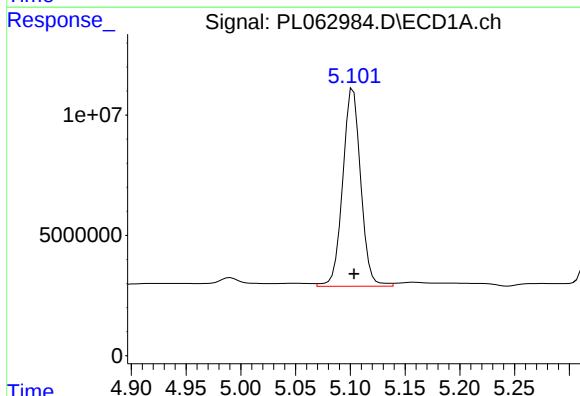
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 106723338  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



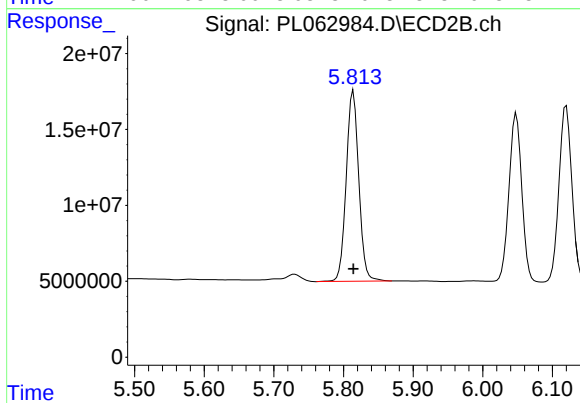
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 179474162  
Conc: 51.29 ng/ml



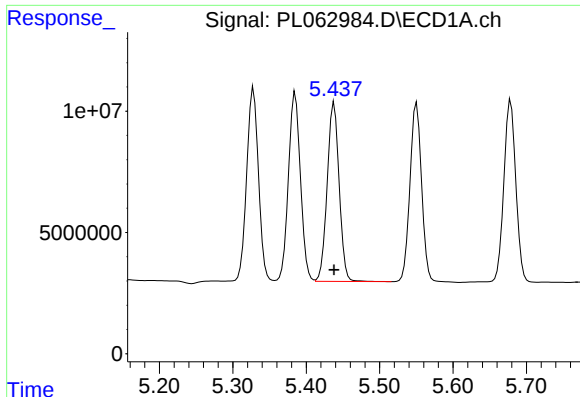
#8 Heptachlor epoxide

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 94054899  
Conc: 51.55 ng/ml



#8 Heptachlor epoxide

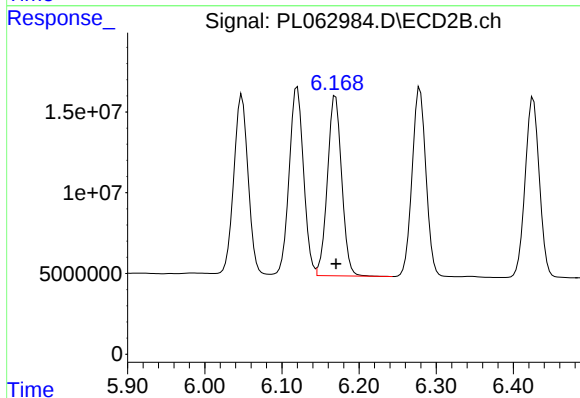
R.T.: 5.814 min  
Delta R.T.: 0.000 min  
Response: 157613066  
Conc: 48.67 ng/ml



#9 Endosulfan I

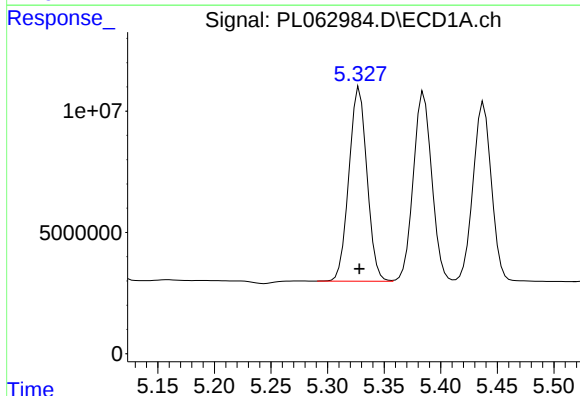
R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 83562275  
Conc: 49.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



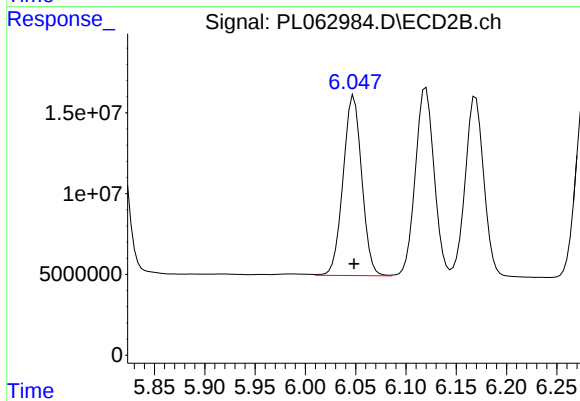
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 143995781  
Conc: 45.66 ng/ml



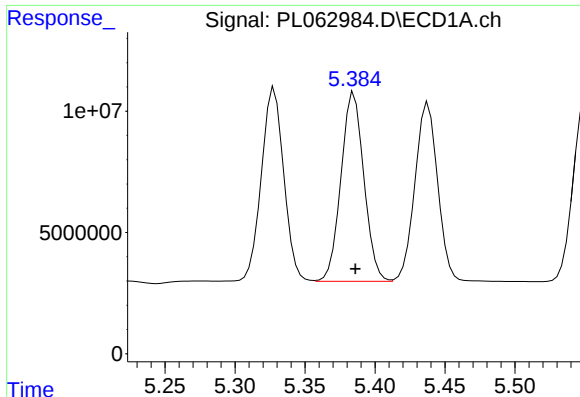
#10 gamma-Chlordane

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 88709744  
Conc: 49.24 ng/ml



#10 gamma-Chlordane

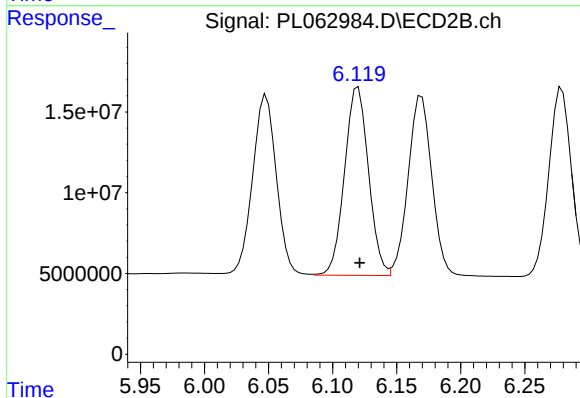
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 143704227  
Conc: 42.69 ng/ml



#11 alpha-Chlordane

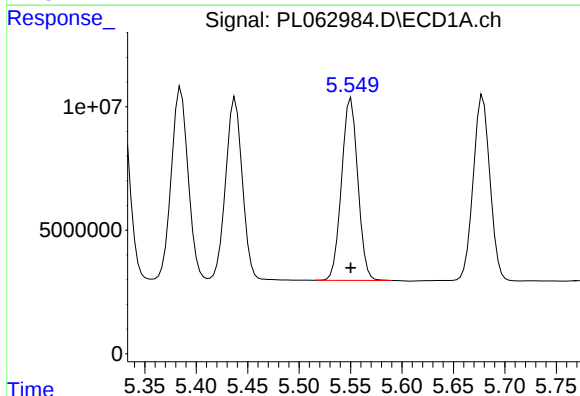
R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 88784522  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



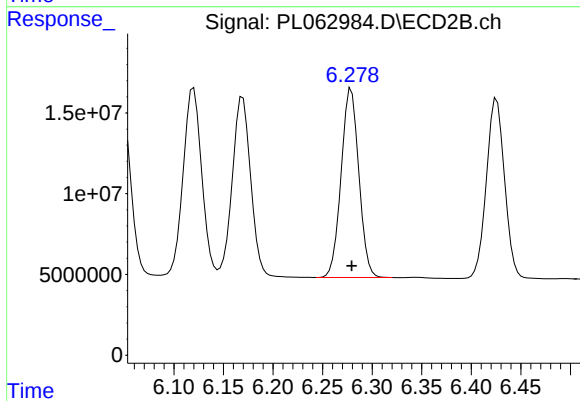
#11 alpha-Chlordane

R.T.: 6.120 min  
Delta R.T.: -0.001 min  
Response: 151707964  
Conc: 45.03 ng/ml



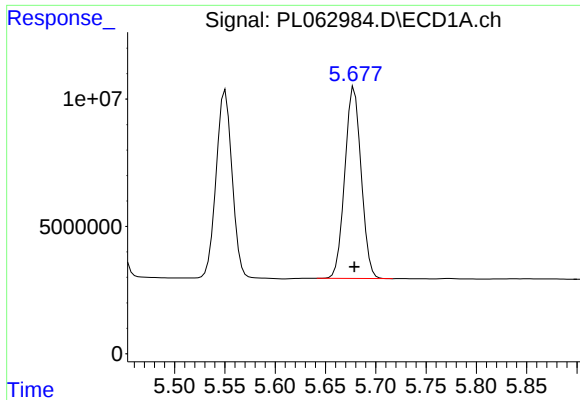
#12 4,4'-DDE

R.T.: 5.551 min  
Delta R.T.: 0.000 min  
Response: 81213193  
Conc: 49.09 ng/ml



#12 4,4'-DDE

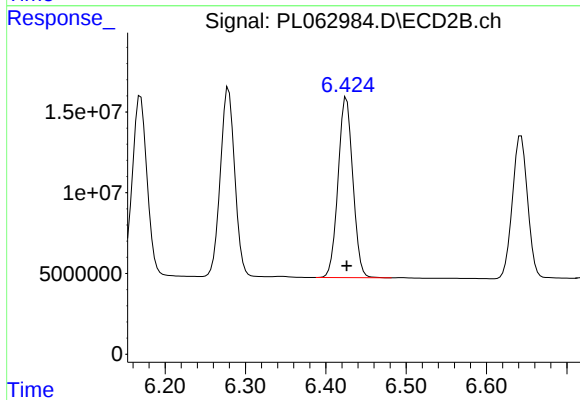
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 145278713  
Conc: 45.09 ng/ml



#13 Dieldrin

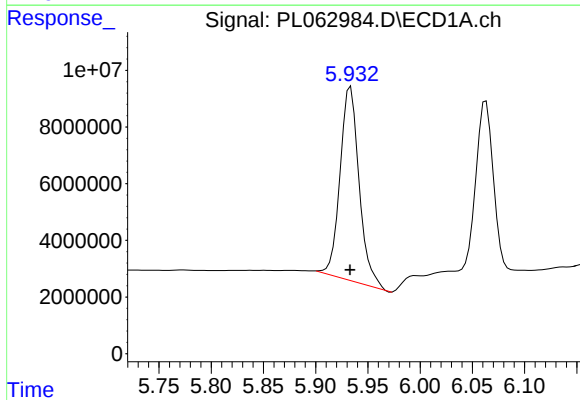
R.T.: 5.679 min  
Delta R.T.: 0.000 min  
Response: 84935158  
Conc: 48.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



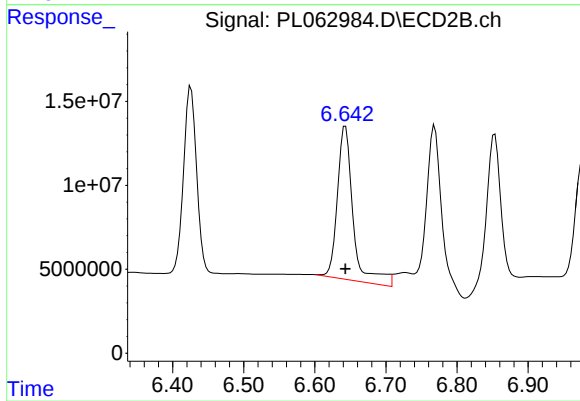
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 142541296  
Conc: 44.53 ng/ml



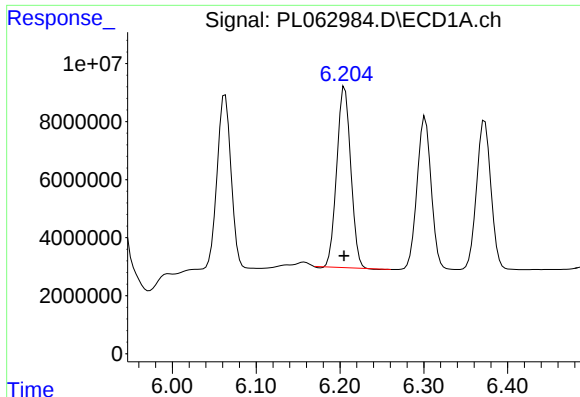
#14 Endrin

R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 87082557  
Conc: 52.34 ng/ml



#14 Endrin

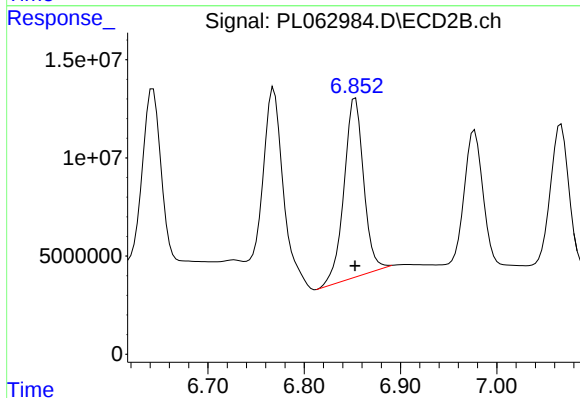
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 140465838  
Conc: 50.33 ng/ml



#15 Endosulfan II

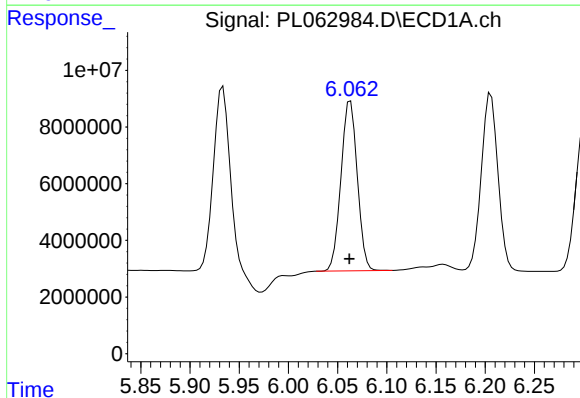
R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 72011031  
Conc: 43.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



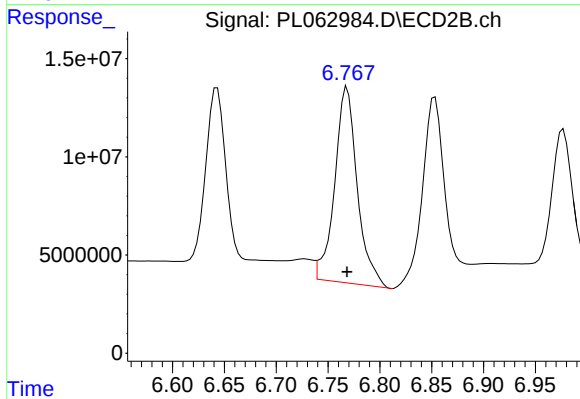
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 127869166  
Conc: 44.73 ng/ml



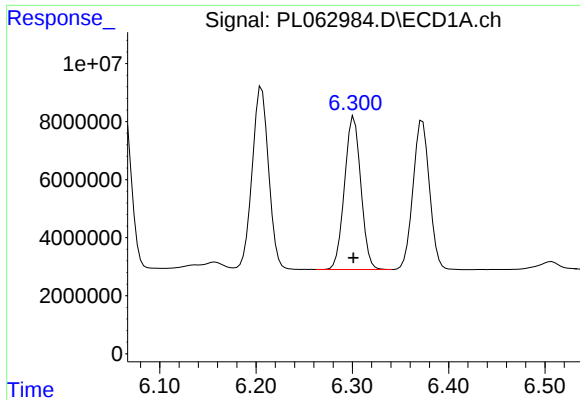
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.000 min  
Response: 69231040  
Conc: 48.94 ng/ml



#16 4,4'-DDD

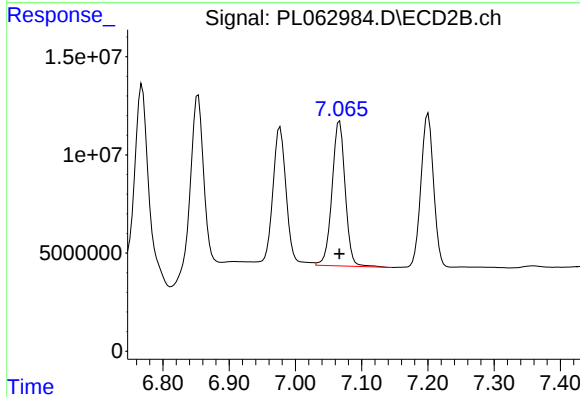
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 151614496  
Conc: 59.23 ng/ml



#17 4,4'-DDT

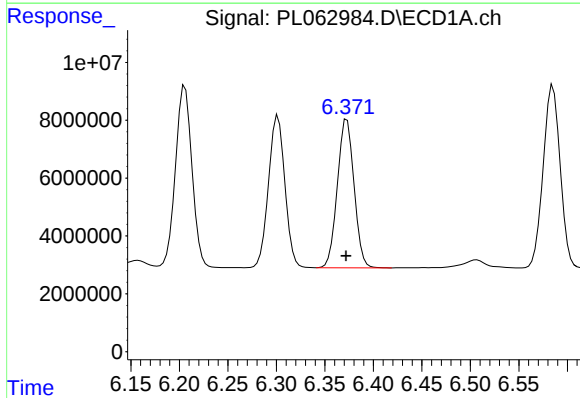
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 61850827  
Conc: 46.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



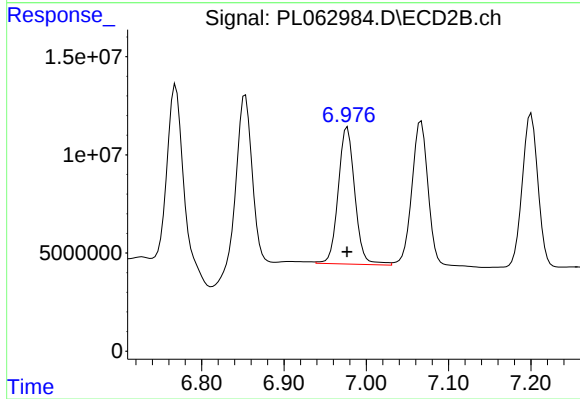
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 101891049  
Conc: 45.38 ng/ml



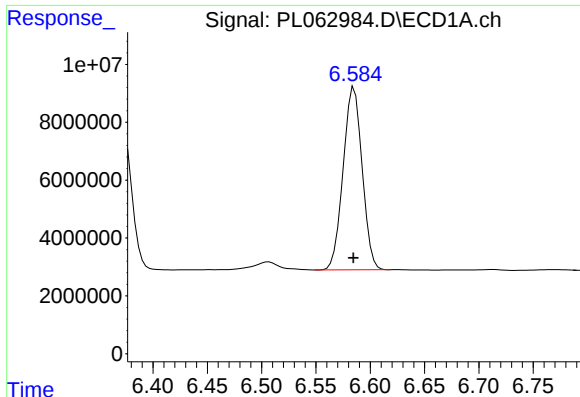
#18 Endrin aldehyde

R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 61401204  
Conc: 42.28 ng/ml



#18 Endrin aldehyde

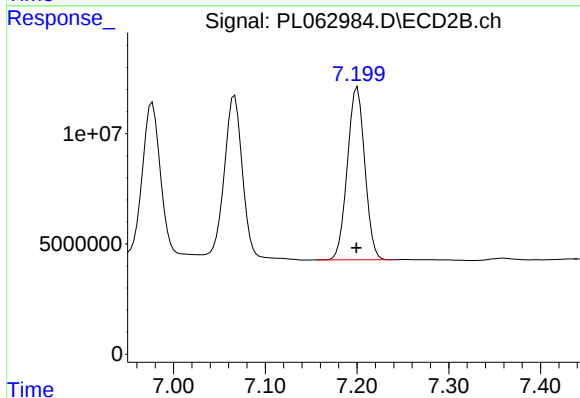
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 97677099  
Conc: 42.83 ng/ml



#19 Endosulfan Sulfate

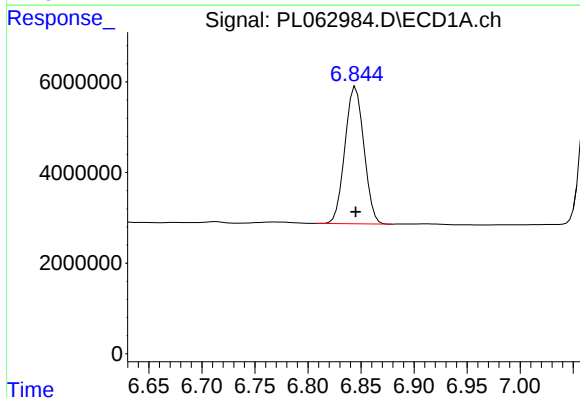
R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 76888028  
Conc: 46.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



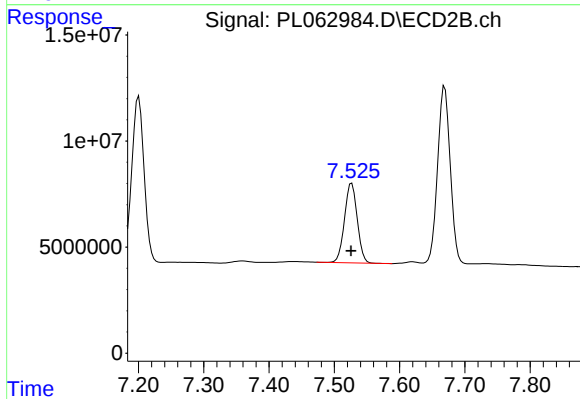
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 103412702  
Conc: 43.10 ng/ml



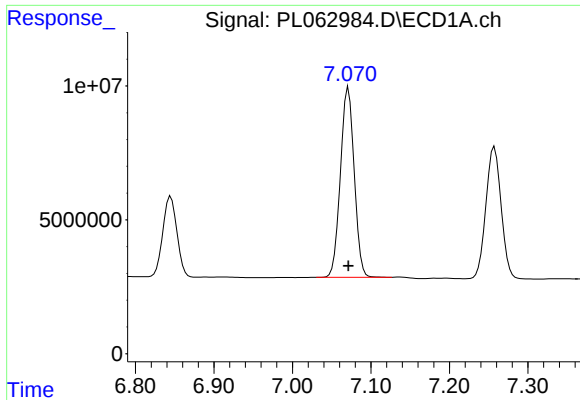
#20 Methoxychlor

R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 37617122  
Conc: 43.68 ng/ml



#20 Methoxychlor

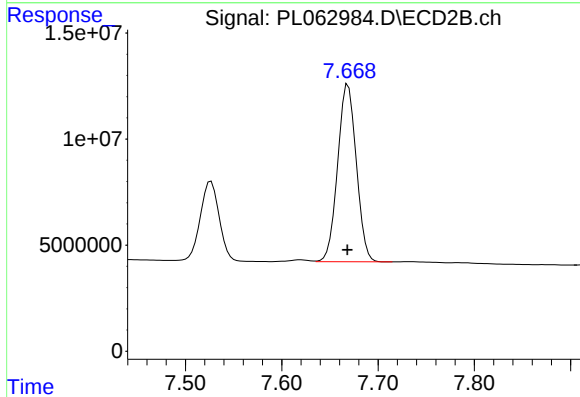
R.T.: 7.527 min  
Delta R.T.: 0.001 min  
Response: 50774787  
Conc: 41.10 ng/ml



#21 Endrin ketone

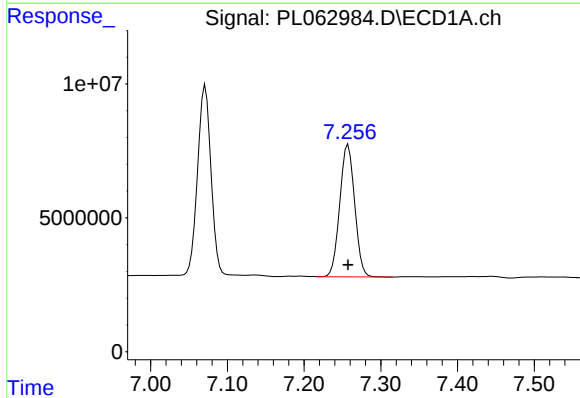
R.T.: 7.071 min  
Delta R.T.: 0.000 min  
Response: 86736741  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



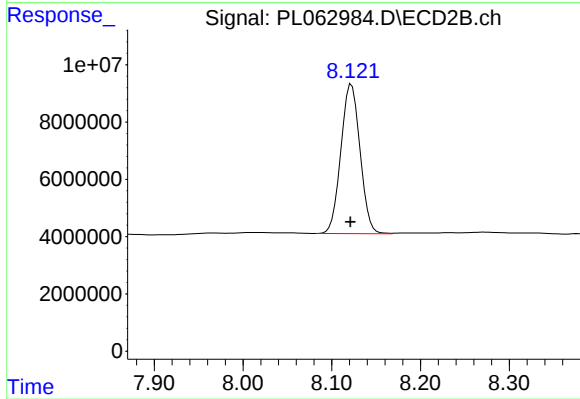
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 112623869  
Conc: 47.52 ng/ml



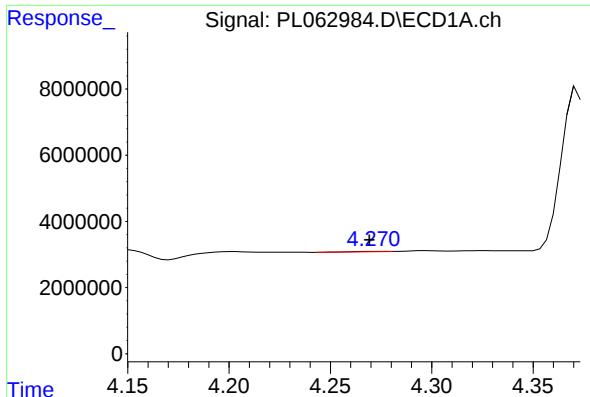
#22 Mirex

R.T.: 7.257 min  
Delta R.T.: 0.000 min  
Response: 66713392  
Conc: 47.06 ng/ml



#22 Mirex

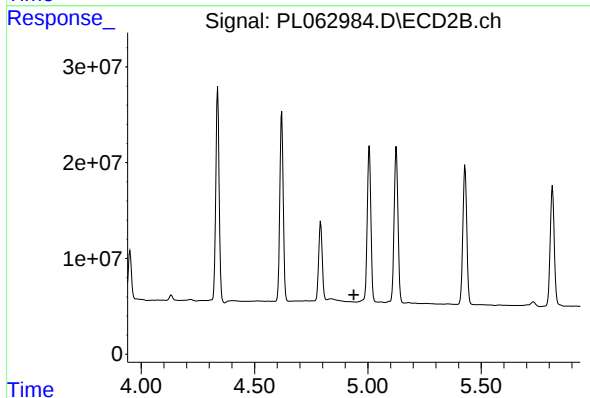
R.T.: 8.122 min  
Delta R.T.: 0.001 min  
Response: 78348619  
Conc: 45.98 ng/ml



#23 Chlordane-1

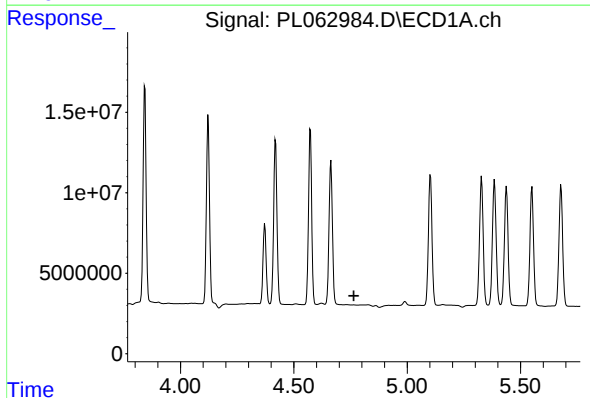
R.T.: 4.272 min  
Delta R.T.: 0.002 min  
Response: 144628  
Conc: 2.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



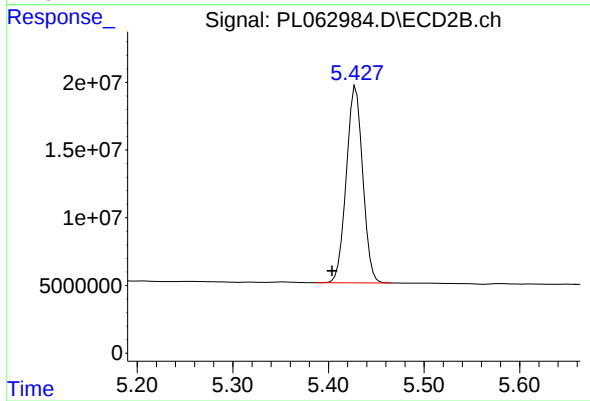
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.938 min  
Response: 0  
Conc: N.D.



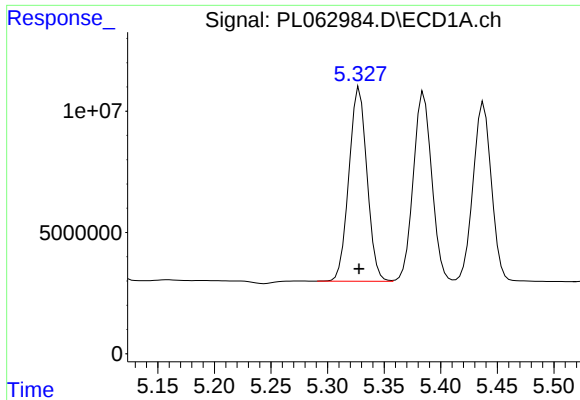
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.765 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

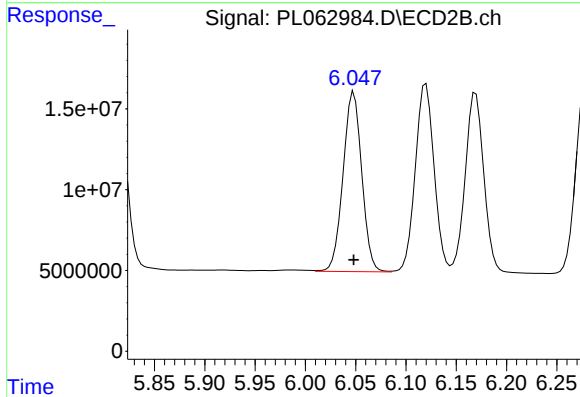
R.T.: 5.429 min  
Delta R.T.: 0.025 min  
Response: 173860583  
Conc: 1594.53 ng/ml



#25 Chlordane-3

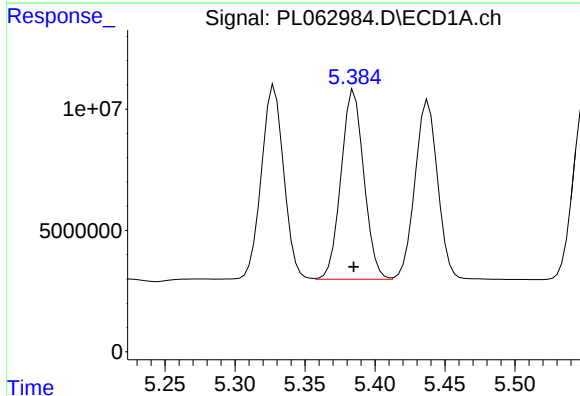
R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 88709744  
Conc: 579.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



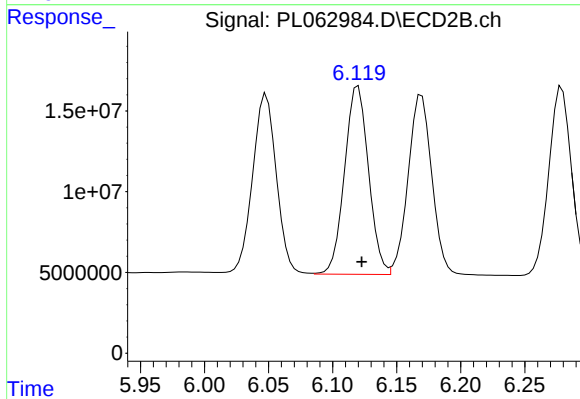
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 143704227  
Conc: 355.76 ng/ml



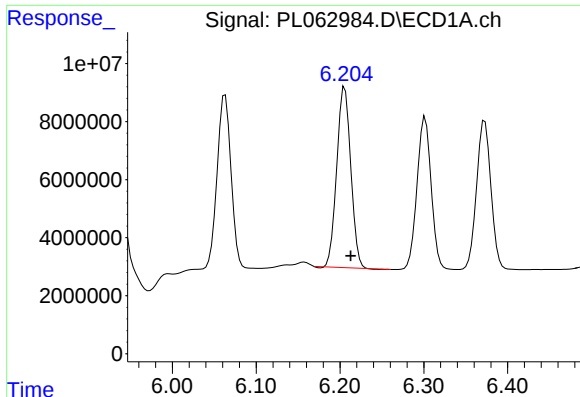
#26 Chlordane-4

R.T.: 5.385 min  
Delta R.T.: 0.000 min  
Response: 88784522  
Conc: 681.59 ng/ml



#26 Chlordane-4

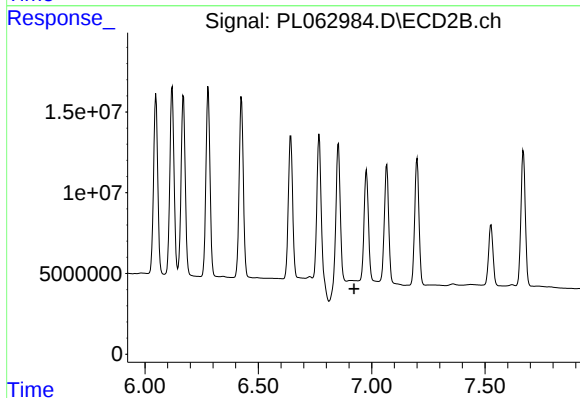
R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 151707964  
Conc: 313.26 ng/ml



#27 Chlordane-5

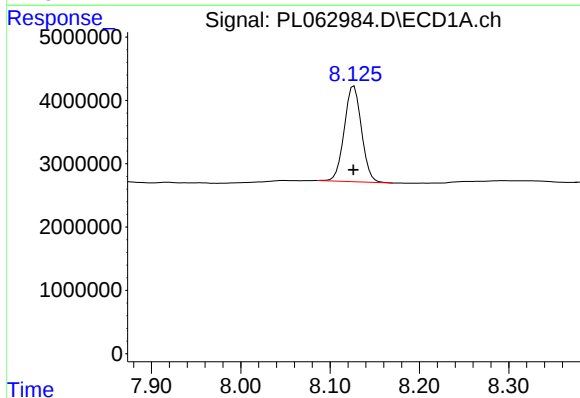
R.T.: 6.206 min  
Delta R.T.: -0.007 min  
Response: 72011031  
Conc: 1492.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



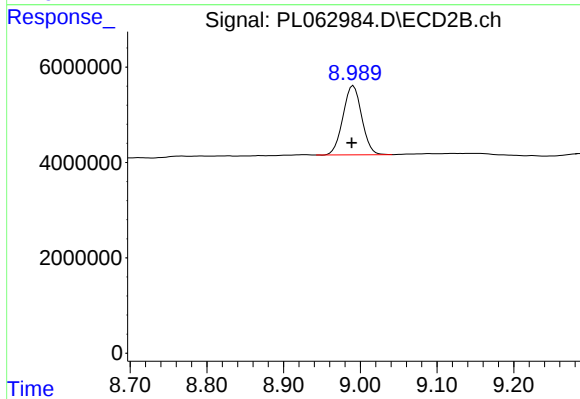
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.127 min  
Delta R.T.: 0.000 min  
Response: 20214306  
Conc: 12.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.002 min  
Response: 24701607  
Conc: 11.80 ng/ml