

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102120\  
 Data File : PL062495.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2020 19:27  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 09:15:13 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... | 3.413  | 3.952  | 87912074 | 152.6E6  | 51.109   | 51.942     |
| 28)                         | SA Decachlor... | 8.128  | 8.990  | 79357812 | 106.5E6  | 49.466   | 50.867     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.845  | 4.338  | 132.0E6  | 236.4E6  | 51.758   | 53.202     |
| 3)                          | MA gamma-BHC... | 4.124  | 4.621  | 119.2E6  | 220.4E6  | 51.452   | 52.775     |
| 4)                          | MA Heptachlor   | 4.421  | 5.126  | 110.2E6  | 204.8E6  | 51.340   | 51.349     |
| 5)                          | MB Aldrin       | 4.665  | 5.429  | 98607977 | 188.5E6  | 51.661   | 52.086     |
| 6)                          | B beta-BHC      | 4.373  | 4.792  | 49141054 | 95115675 | 51.446   | 50.512     |
| 7)                          | B delta-BHC     | 4.574  | 5.007  | 113.5E6  | 184.3E6  | 52.224   | 52.677     |
| 8)                          | B Heptachlo...  | 5.104  | 5.815  | 95558699 | 164.5E6  | 52.373   | 50.794     |
| 9)                          | A Endosulfan I  | 5.438  | 6.170  | 85974223 | 154.6E6  | 51.432   | 49.015     |
| 10)                         | B gamma-Chl...  | 5.329  | 6.048  | 91603008 | 168.4E6  | 50.846   | 50.017     |
| 11)                         | B alpha-Chl...  | 5.386  | 6.121  | 91725311 | 167.1E6  | 50.740   | 49.595     |
| 12)                         | B 4,4'-DDE      | 5.551  | 6.280  | 85203178 | 159.4E6  | 51.500   | 49.478     |
| 13)                         | MA Dieldrin     | 5.680  | 6.427  | 90229750 | 158.7E6  | 51.065   | 49.568     |
| 14)                         | MA Endrin       | 5.934  | 6.643  | 82345381 | 134.3E6  | 49.493   | 48.115     |
| 15)                         | B Endosulfa...  | 6.207  | 6.853  | 82118724 | 137.3E6  | 49.810   | 48.039     |
| 16)                         | A 4,4'-DDD      | 6.063  | 6.768  | 73063911 | 127.8E6  | 51.654   | 49.914     |
| 17)                         | MA 4,4'-DDT     | 6.302  | 7.067  | 67658853 | 116.1E6  | 50.697   | 51.696     |
| 18)                         | B Endrin al...  | 6.374  | 6.976  | 71390054 | 115.0E6  | 49.164   | 50.405     |
| 19)                         | B Endosulfa...  | 6.586  | 7.200  | 81460767 | 125.1E6  | 49.363   | 52.144     |
| 20)                         | A Methoxychlor  | 6.847  | 7.526  | 42208622 | 63343956 | 49.006   | 51.270     |
| 21)                         | B Endrin ke...  | 7.072  | 7.668  | 93095608 | 124.4E6  | 51.633   | 52.481     |
| 22)                         | Mirex           | 7.257  | 8.122  | 70335552 | 86294135 | 49.613   | 50.640     |
| 23)                         | Chlordane-1     | 4.298f | 0.000  | 140476   | 0        | 2.725    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.429f | 0        | 188.5E6  | N.D.     | 1729.029 # |
| 25)                         | Chlordane-3     | 5.329  | 6.048  | 91603008 | 168.4E6  | 598.208  | 416.831 #  |
| 26)                         | Chlordane-4     | 5.386  | 6.121  | 91725311 | 167.1E6  | 704.167  | 345.003 #  |
| 27)                         | Chlordane-5     | 6.207  | 0.000  | 82118724 | 0        | 1702.096 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

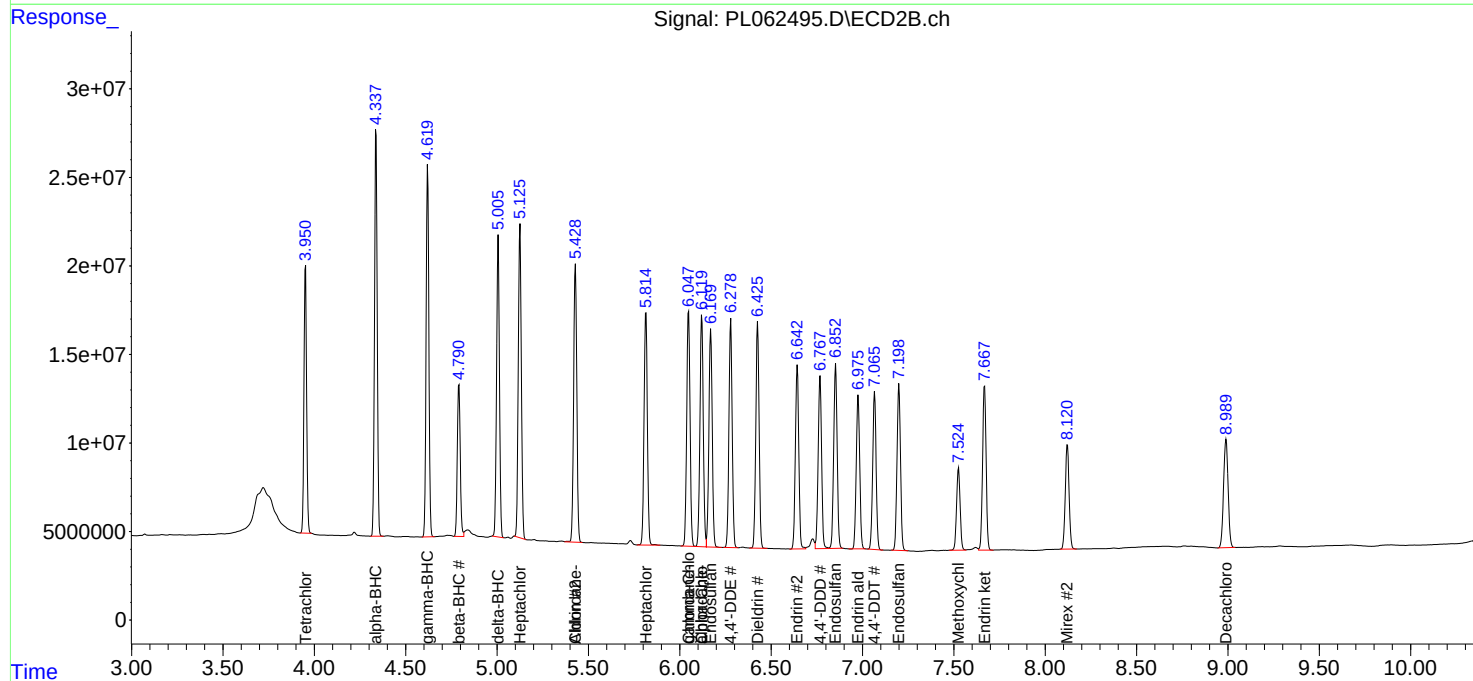
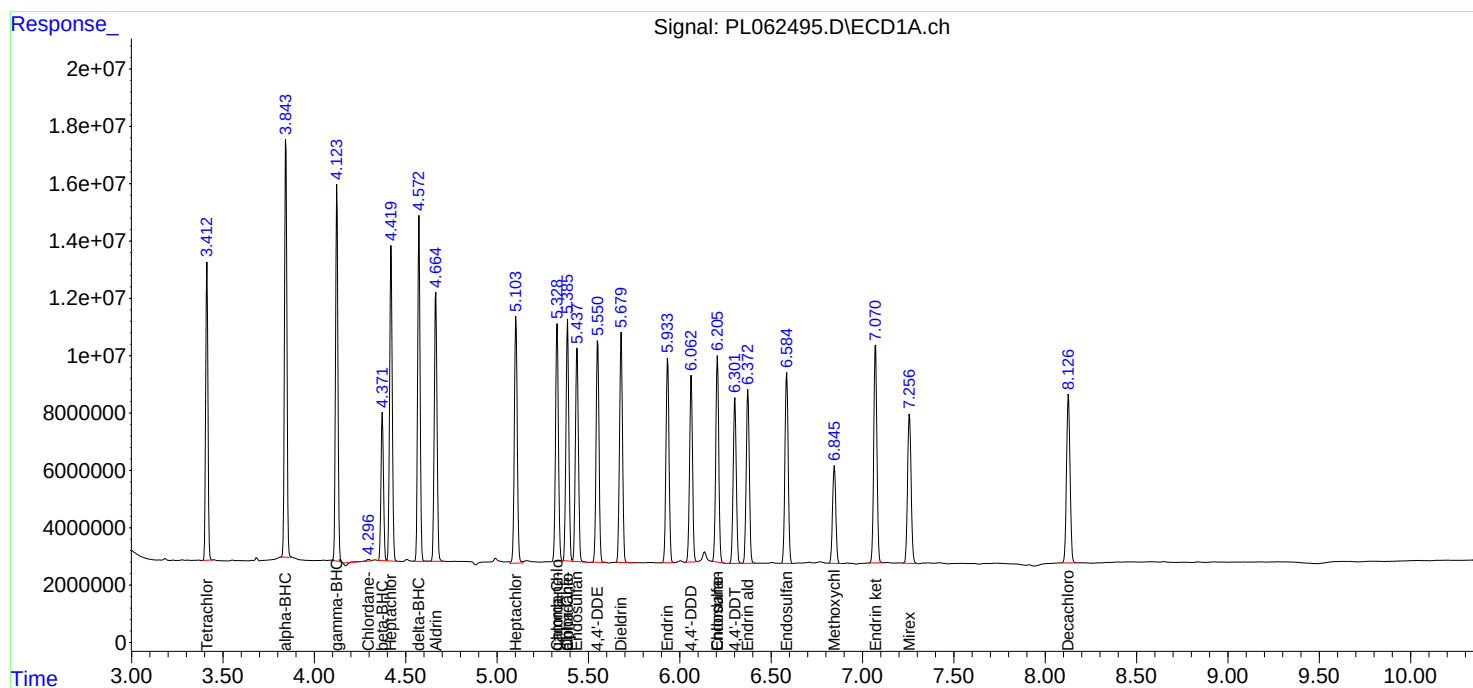
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

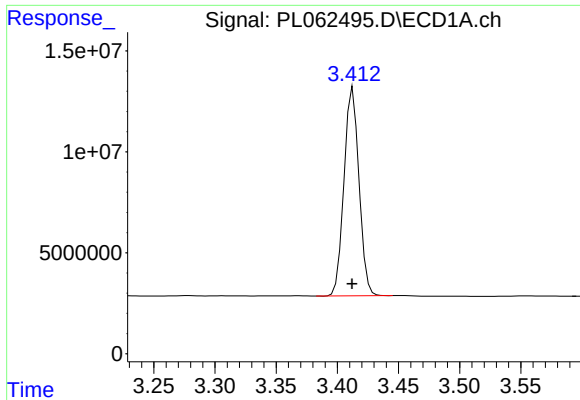
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102120\  
Data File : PL062495.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2020 19:27  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 09:15:13 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

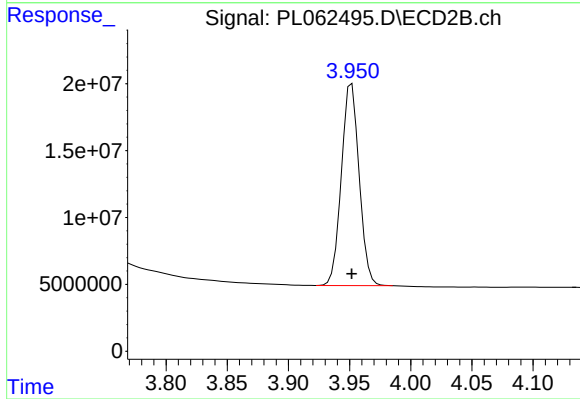




#1 Tetrachloro-m-xylene

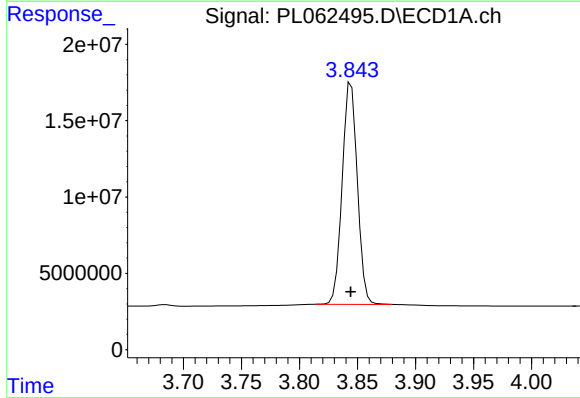
R.T.: 3.413 min  
Delta R.T.: 0.000 min  
Response: 87912074  
Conc: 51.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



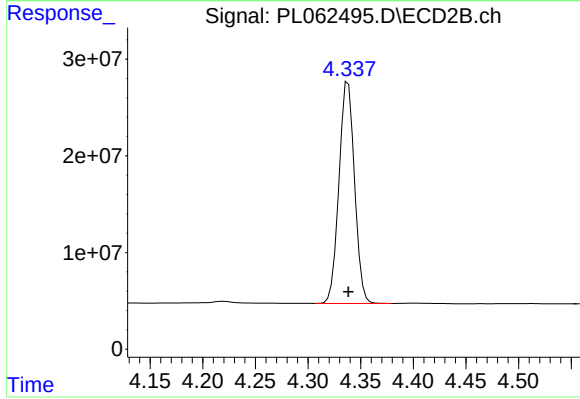
#1 Tetrachloro-m-xylene

R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 152642957  
Conc: 51.94 ng/ml



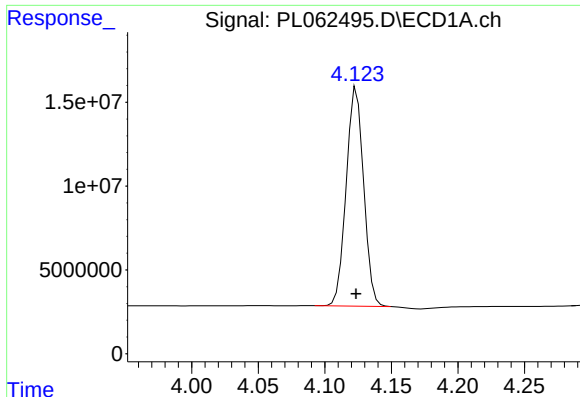
#2 alpha-BHC

R.T.: 3.845 min  
Delta R.T.: 0.000 min  
Response: 131966022  
Conc: 51.76 ng/ml



#2 alpha-BHC

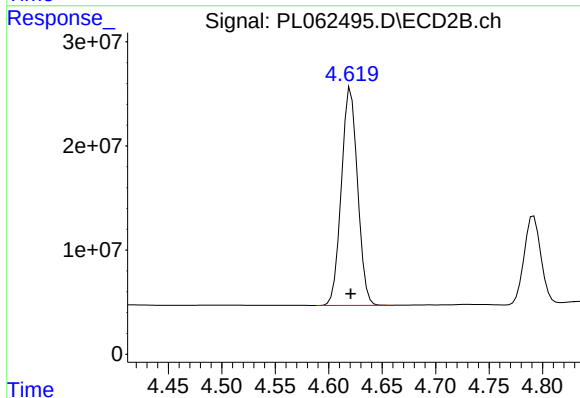
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 236388653  
Conc: 53.20 ng/ml



#3 gamma-BHC (Lindane)

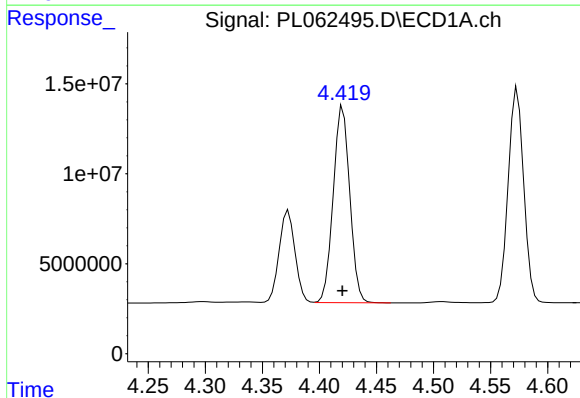
R.T.: 4.124 min  
Delta R.T.: 0.000 min  
Response: 119197098  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



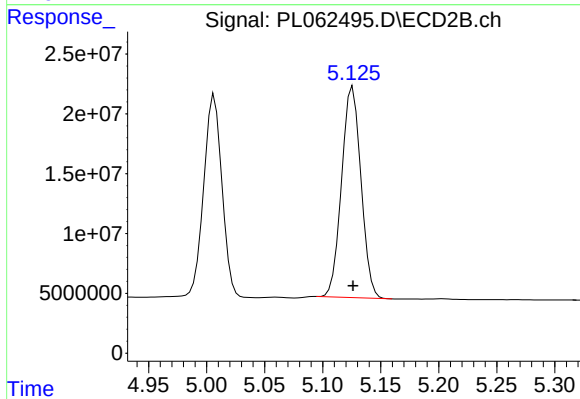
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 220374146  
Conc: 52.78 ng/ml



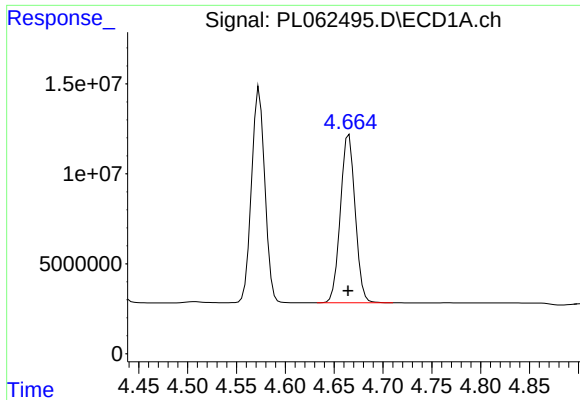
#4 Heptachlor

R.T.: 4.421 min  
Delta R.T.: 0.000 min  
Response: 110164269  
Conc: 51.34 ng/ml



#4 Heptachlor

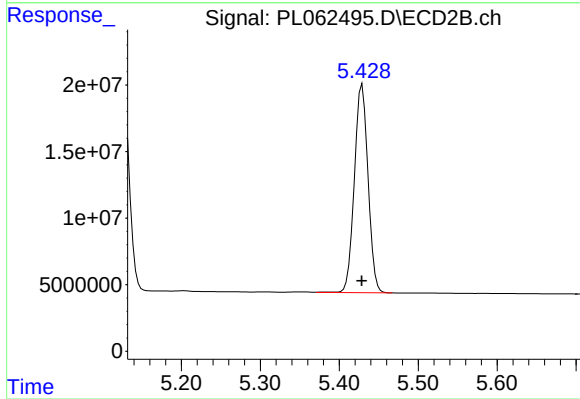
R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 204777132  
Conc: 51.35 ng/ml



#5 Aldrin

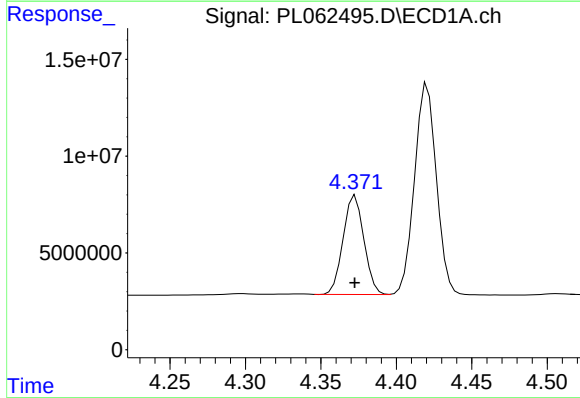
R.T.: 4.665 min  
Delta R.T.: 0.000 min  
Response: 98607977  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



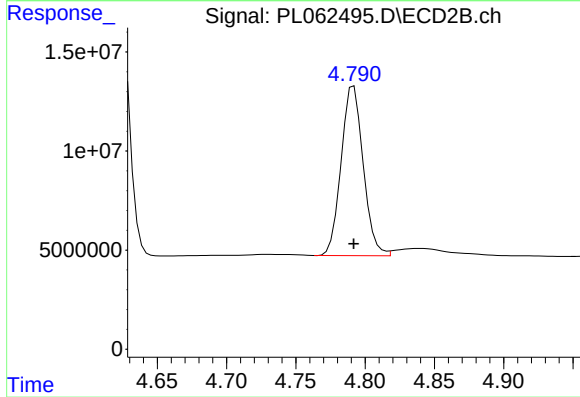
#5 Aldrin

R.T.: 5.429 min  
Delta R.T.: 0.000 min  
Response: 188526346  
Conc: 52.09 ng/ml



#6 beta-BHC

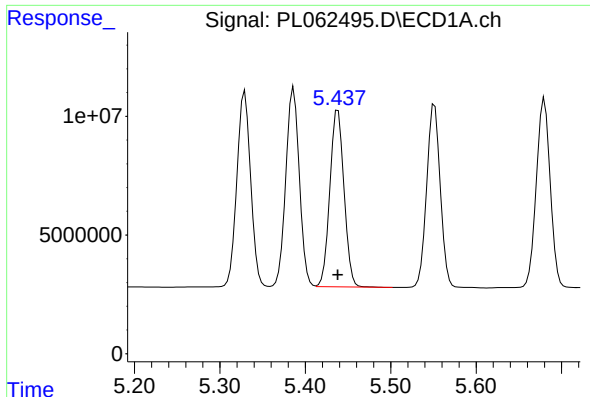
R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 49141054  
Conc: 51.45 ng/ml



#6 beta-BHC

R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 95115675  
Conc: 50.51 ng/ml

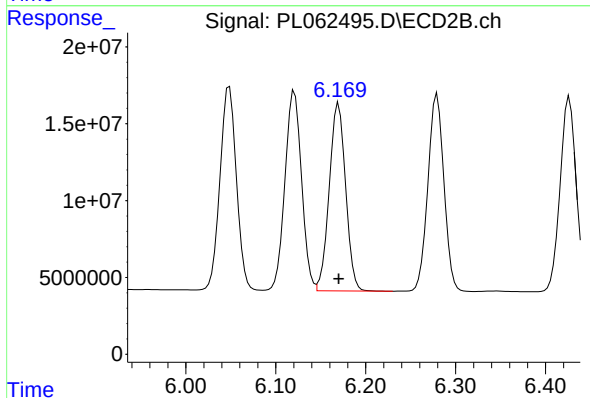




#9 Endosulfan I

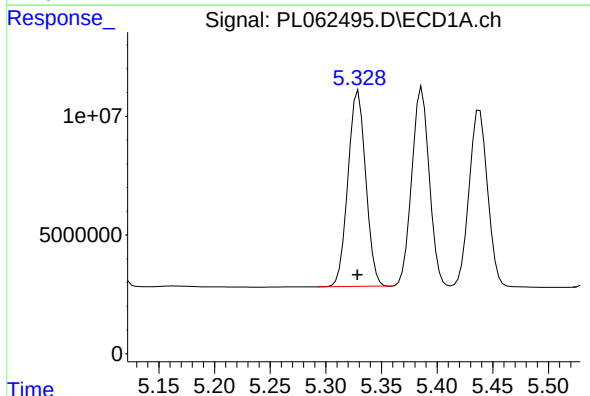
R.T.: 5.438 min  
Delta R.T.: 0.000 min  
Response: 85974223  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



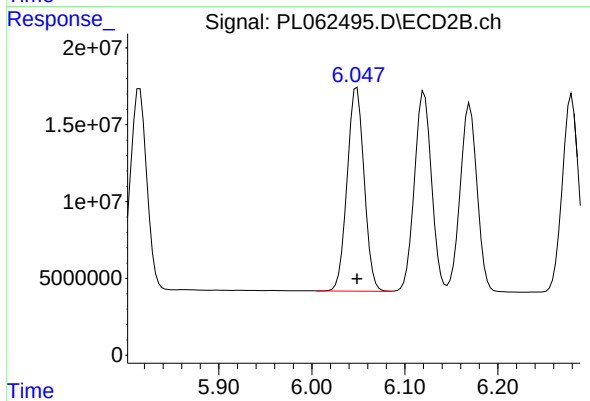
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 154584534  
Conc: 49.02 ng/ml



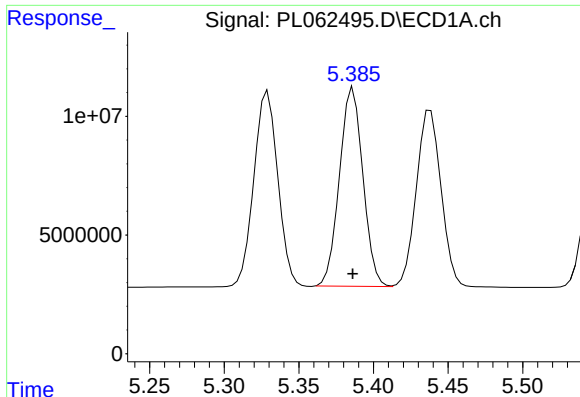
#10 gamma-Chlordane

R.T.: 5.329 min  
Delta R.T.: 0.000 min  
Response: 91603008  
Conc: 50.85 ng/ml



#10 gamma-Chlordane

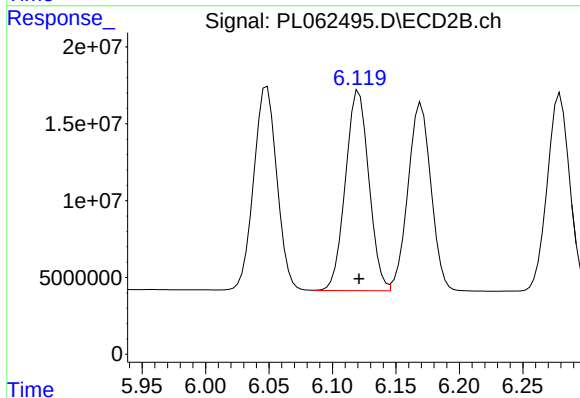
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 168374964  
Conc: 50.02 ng/ml



#11 alpha-Chlordane

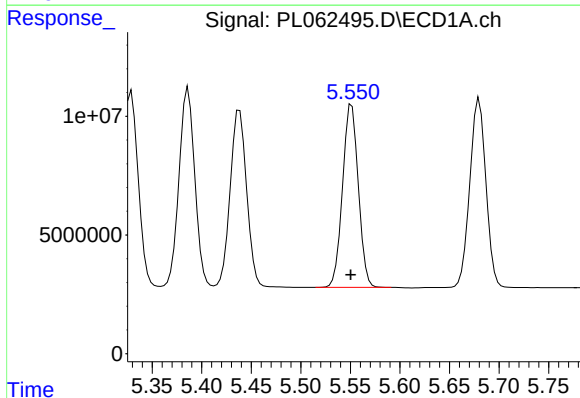
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 91725311  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



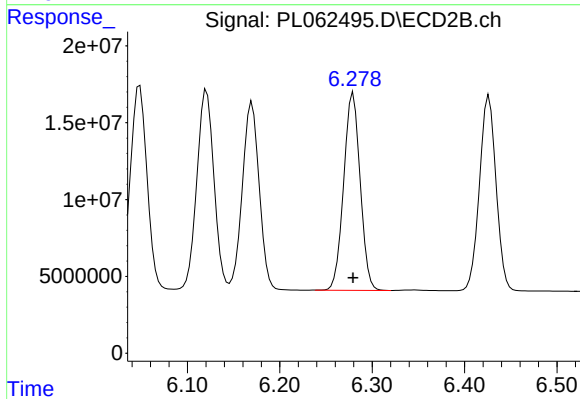
#11 alpha-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 167080503  
Conc: 49.59 ng/ml



#12 4,4'-DDE

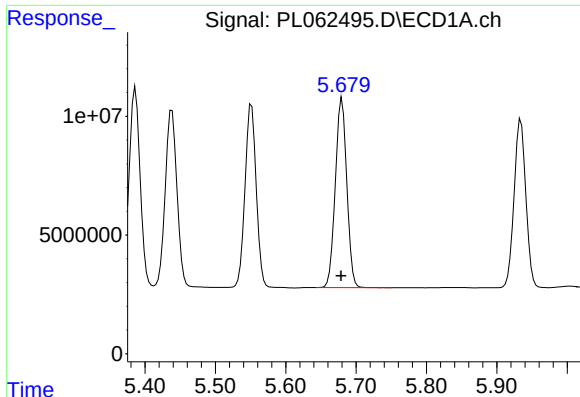
R.T.: 5.551 min  
Delta R.T.: 0.001 min  
Response: 85203178  
Conc: 51.50 ng/ml



#12 4,4'-DDE

R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 159418373  
Conc: 49.48 ng/ml

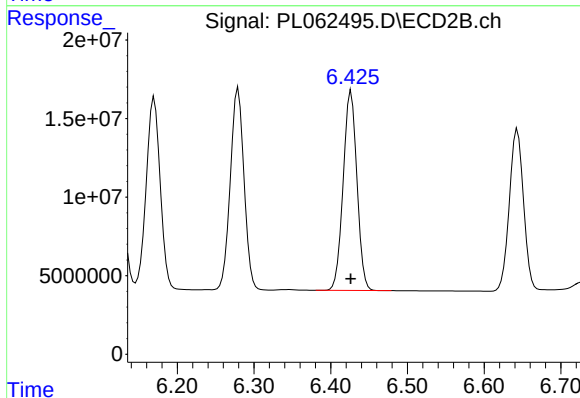




#13 Dieldrin

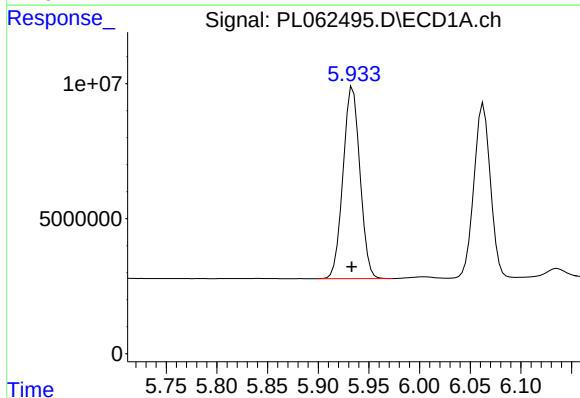
R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 90229750  
Conc: 51.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



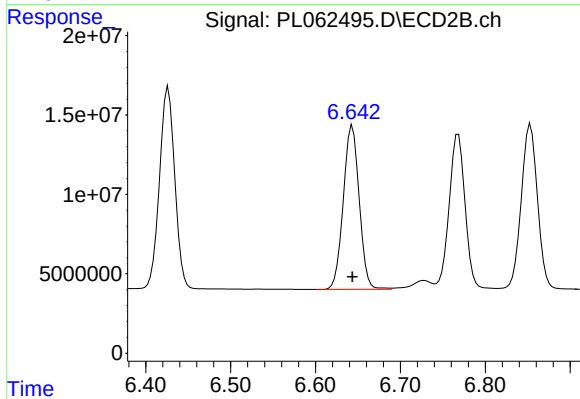
#13 Dieldrin

R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 158659414  
Conc: 49.57 ng/ml



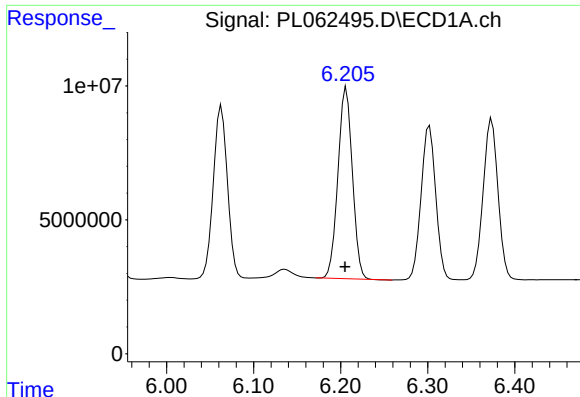
#14 Endrin

R.T.: 5.934 min  
Delta R.T.: 0.001 min  
Response: 82345381  
Conc: 49.49 ng/ml



#14 Endrin

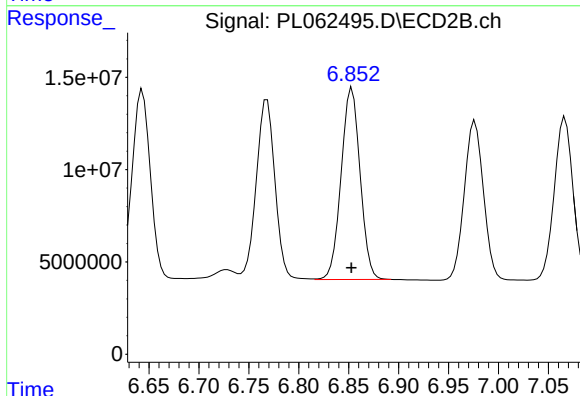
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 134295146  
Conc: 48.12 ng/ml



#15 Endosulfan II

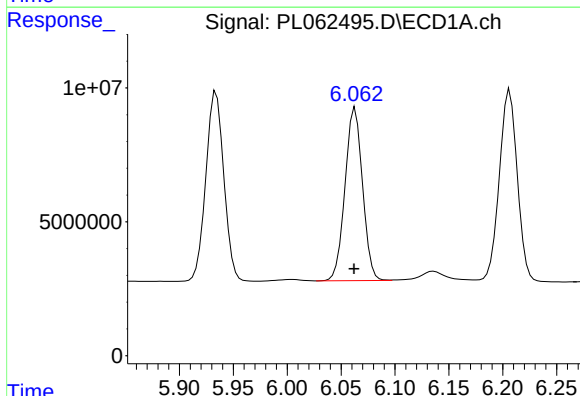
R.T.: 6.207 min  
Delta R.T.: 0.002 min  
Response: 82118724  
Conc: 49.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



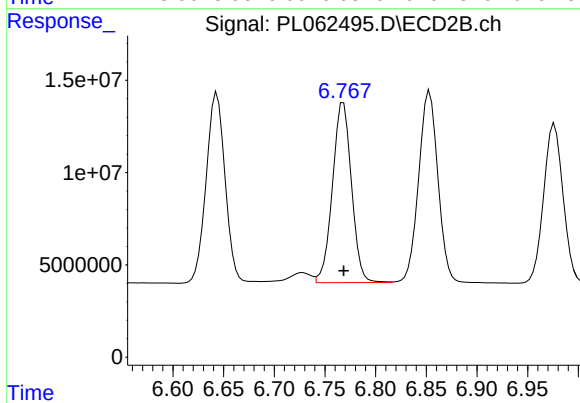
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 137326484  
Conc: 48.04 ng/ml



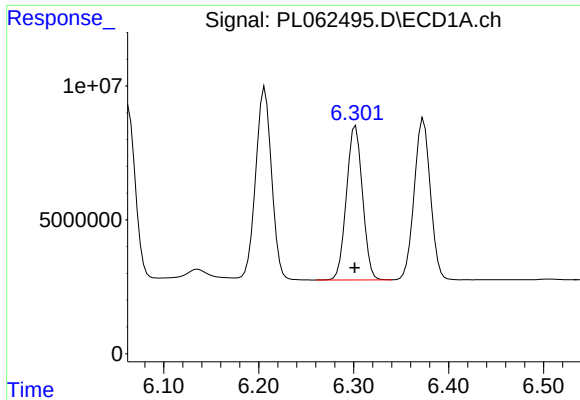
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.000 min  
Response: 73063911  
Conc: 51.65 ng/ml



#16 4,4'-DDD

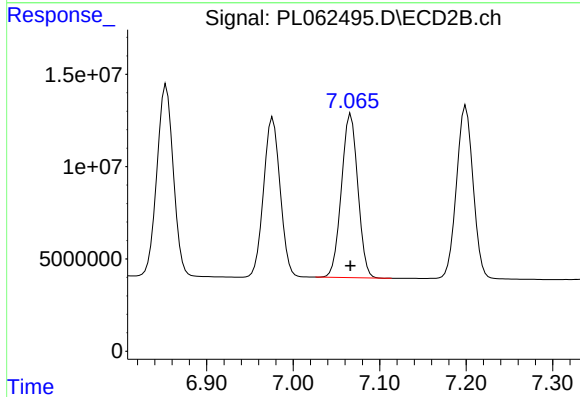
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 127779291  
Conc: 49.91 ng/ml



#17 4,4'-DDT

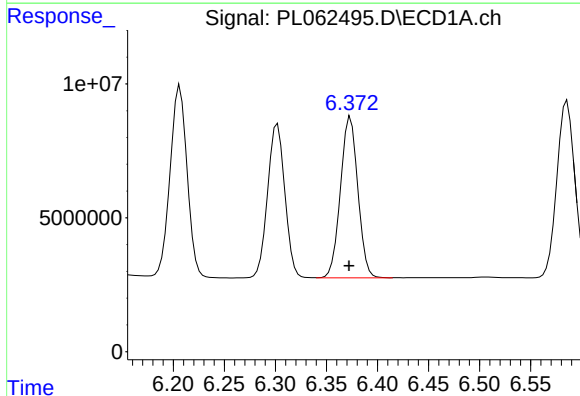
R.T.: 6.302 min  
Delta R.T.: 0.000 min  
Response: 67658853  
Conc: 50.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



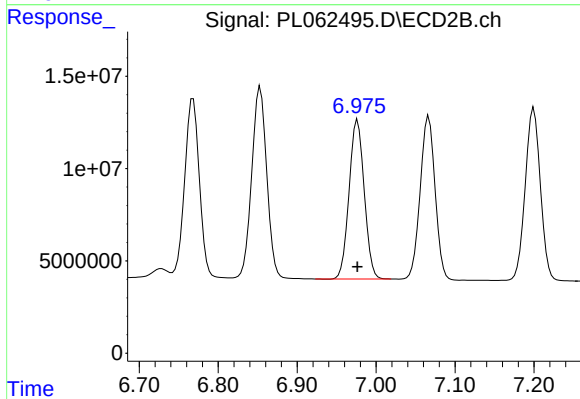
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 116071988  
Conc: 51.70 ng/ml



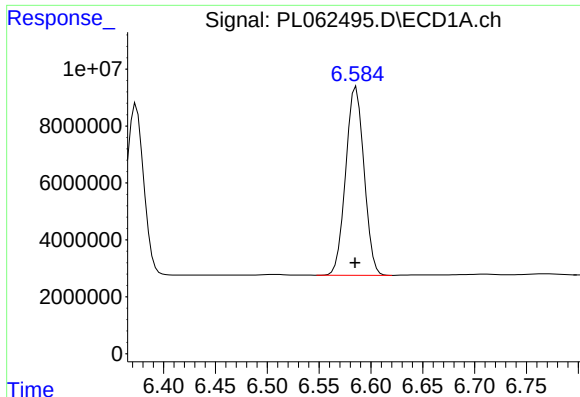
#18 Endrin aldehyde

R.T.: 6.374 min  
Delta R.T.: 0.002 min  
Response: 71390054  
Conc: 49.16 ng/ml



#18 Endrin aldehyde

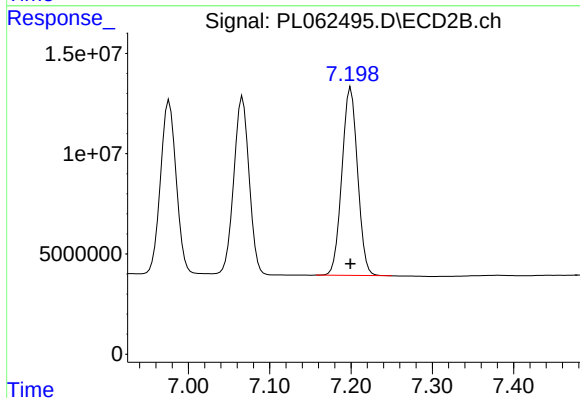
R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 114952797  
Conc: 50.40 ng/ml



#19 Endosulfan Sulfate

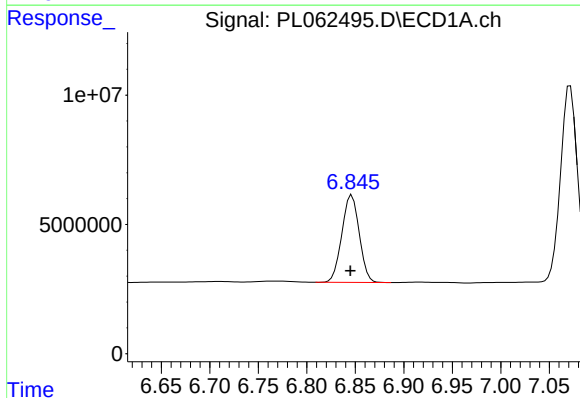
R.T.: 6.586 min  
Delta R.T.: 0.001 min  
Response: 81460767  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



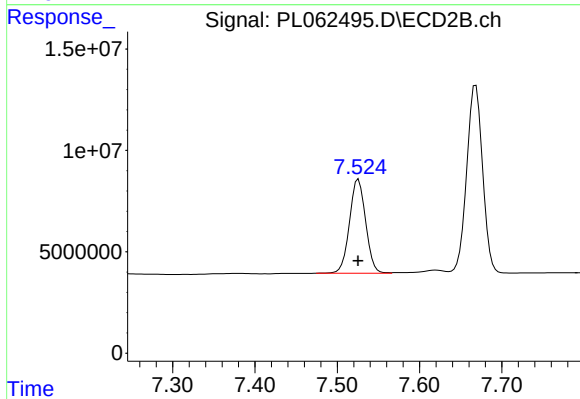
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 125104784  
Conc: 52.14 ng/ml



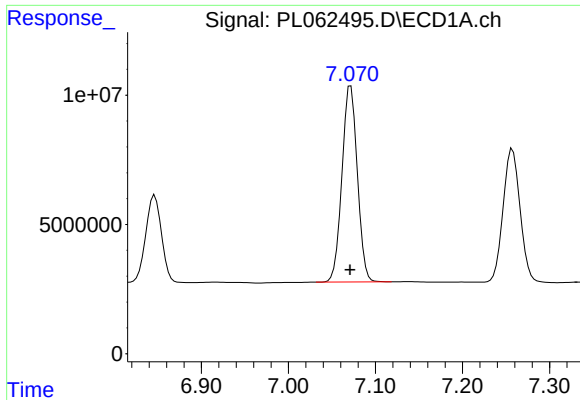
#20 Methoxychlor

R.T.: 6.847 min  
Delta R.T.: 0.002 min  
Response: 42208622  
Conc: 49.01 ng/ml



#20 Methoxychlor

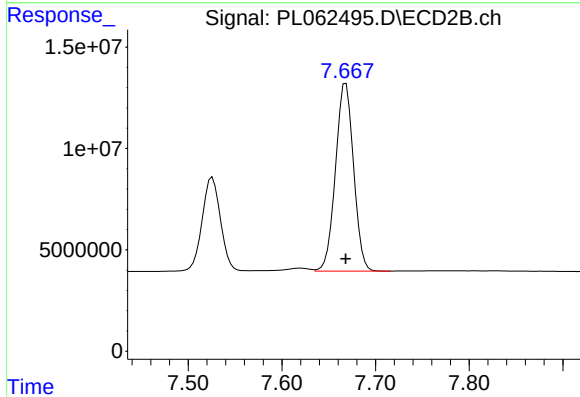
R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 63343956  
Conc: 51.27 ng/ml



#21 Endrin ketone

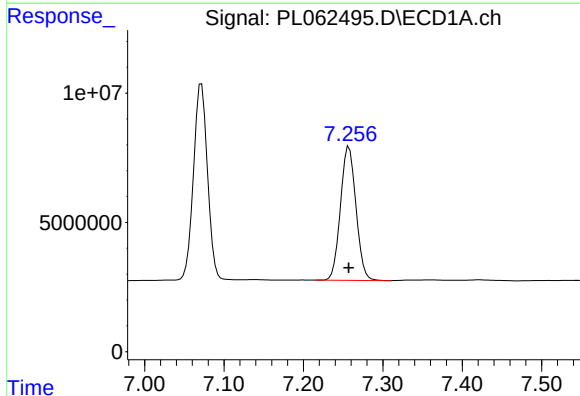
R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 93095608  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



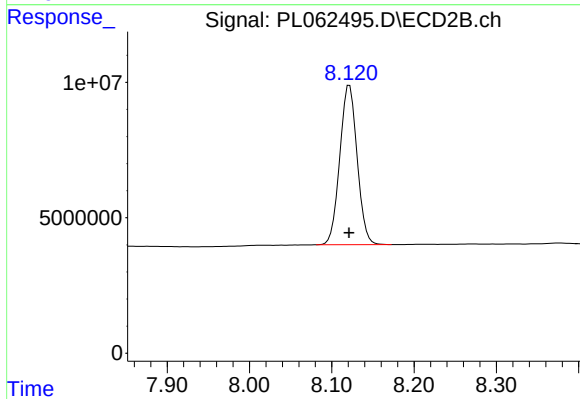
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: 0.000 min  
Response: 124368993  
Conc: 52.48 ng/ml



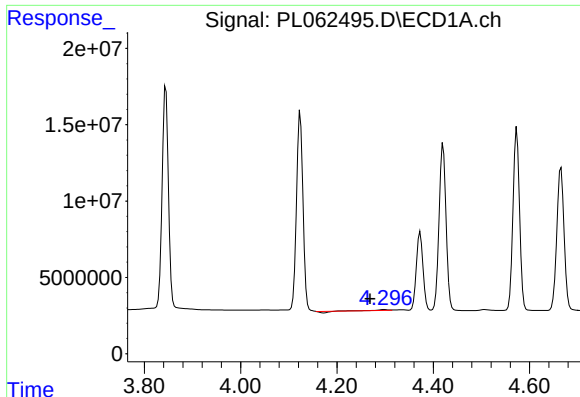
#22 Mirex

R.T.: 7.257 min  
Delta R.T.: 0.000 min  
Response: 70335552  
Conc: 49.61 ng/ml



#22 Mirex

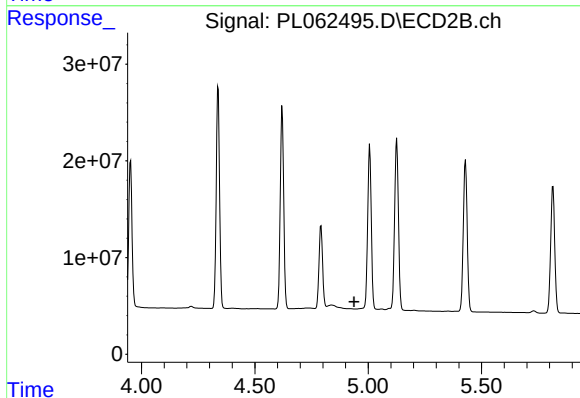
R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 86294135  
Conc: 50.64 ng/ml



#23 Chlordane-1

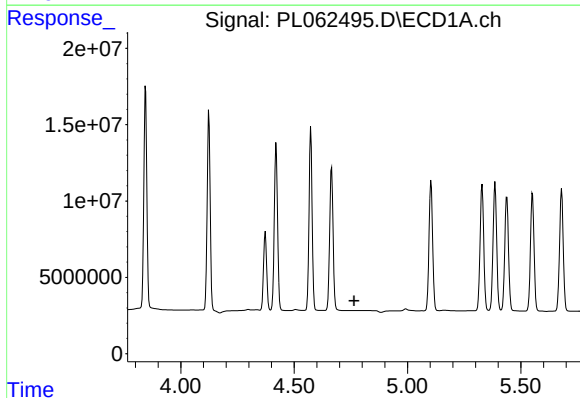
R.T.: 4.298 min  
Delta R.T.: 0.028 min  
Response: 140476  
Conc: 2.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



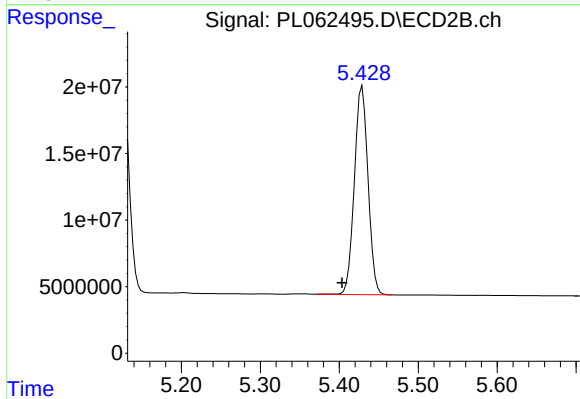
#23 Chlordane-1

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



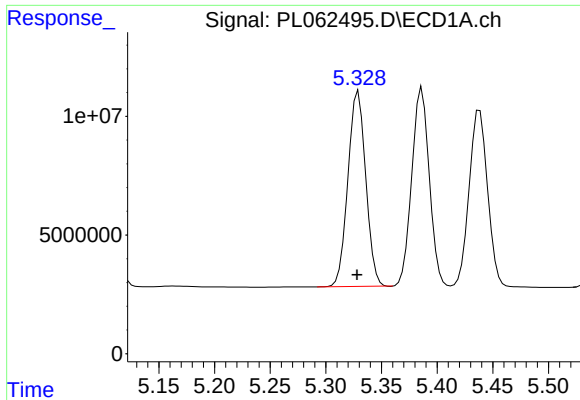
#24 Chlordane-2

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



#24 Chlordane-2

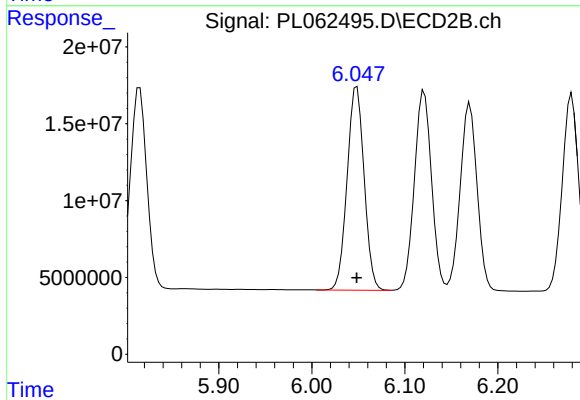
R.T.: 5.429 min  
Delta R.T.: 0.025 min  
Response: 188526346  
Conc: 1729.03 ng/ml



#25 Chlordane-3

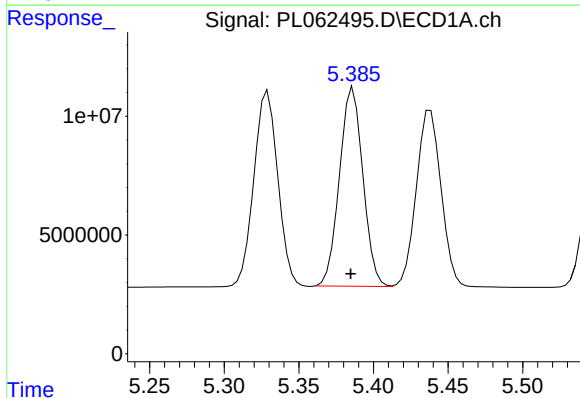
R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 91603008  
Conc: 598.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



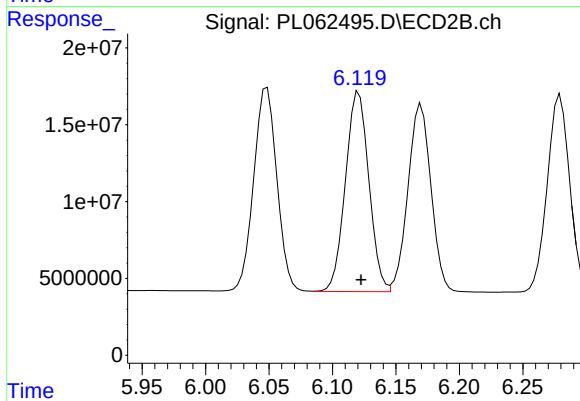
#25 Chlordane-3

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 168374964  
Conc: 416.83 ng/ml



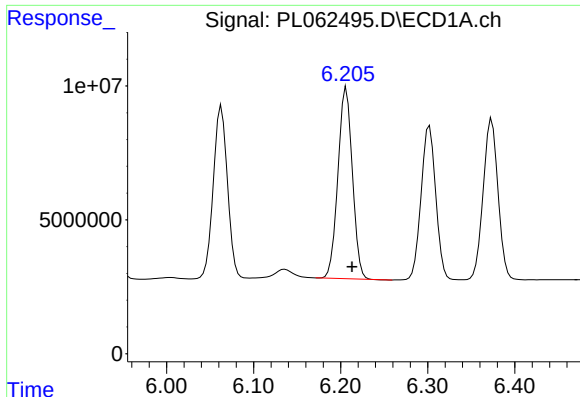
#26 Chlordane-4

R.T.: 5.386 min  
Delta R.T.: 0.002 min  
Response: 91725311  
Conc: 704.17 ng/ml



#26 Chlordane-4

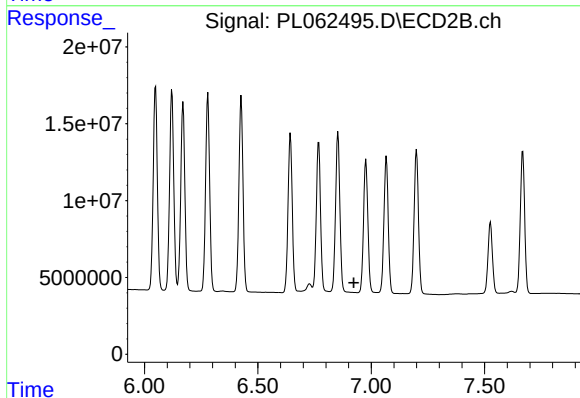
R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 167080503  
Conc: 345.00 ng/ml



#27 Chlordane-5

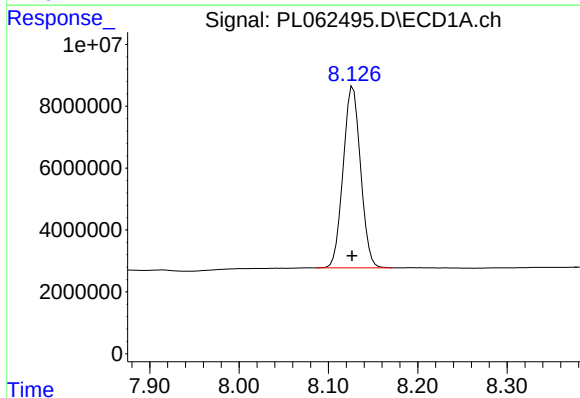
R.T.: 6.207 min  
Delta R.T.: -0.006 min  
Response: 82118724  
Conc: 1702.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



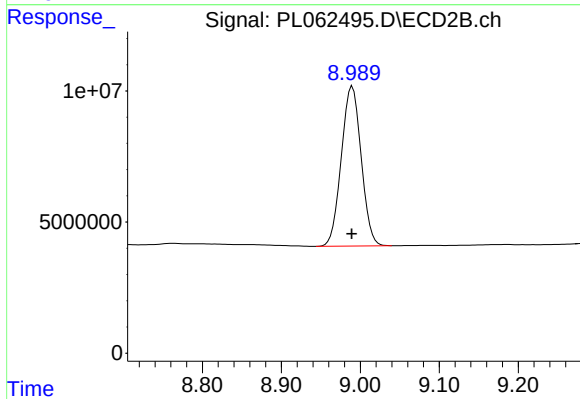
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.128 min  
Delta R.T.: 0.001 min  
Response: 79357812  
Conc: 49.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.001 min  
Response: 106463206  
Conc: 50.87 ng/ml