

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111920\  
 Data File : PL063115.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Nov 2020 16:05  
 Operator : DD\AJ  
 Sample : PB133117BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 20 04:57:17 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... | 3.410 | 3.949  | 31675041 | 58274611 | 18.415   | 19.830     |
| 28)                         | SA Decachlor... | 8.126 | 8.988  | 34918824 | 43222222 | 21.766   | 20.651     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.842 | 4.336  | 111.5E6  | 213.0E6  | 43.737   | 47.931     |
| 3)                          | MA gamma-BHC... | 4.122 | 4.619  | 100.4E6  | 196.6E6  | 43.319   | 47.080     |
| 4)                          | MA Heptachlor   | 4.418 | 5.124  | 96106359 | 182.4E6  | 44.788   | 45.735     |
| 5)                          | MB Aldrin       | 4.663 | 5.427  | 87555492 | 174.3E6  | 45.871   | 48.159     |
| 6)                          | B beta-BHC      | 4.371 | 4.790  | 43819361 | 88160646 | 45.875   | 46.819     |
| 7)                          | B delta-BHC     | 4.572 | 5.005  | 98598646 | 181.2E6  | 45.370   | 51.777     |
| 8)                          | B Heptachlo...  | 5.102 | 5.812  | 84937126 | 156.9E6  | 46.551   | 48.436     |
| 9)                          | A Endosulfan I  | 5.437 | 6.167  | 77598685 | 144.5E6  | 46.421   | 45.825     |
| 10)                         | B gamma-Chl...  | 5.327 | 6.046  | 83635766 | 155.3E6  | 46.424   | 46.141     |
| 11)                         | B alpha-Chl...  | 5.384 | 6.118  | 81175652 | 154.2E6  | 44.904   | 45.762     |
| 12)                         | B 4,4'-DDE      | 5.549 | 6.277  | 77003352 | 151.3E6  | 46.543   | 46.963     |
| 13)                         | MA Dieldrin     | 5.677 | 6.424  | 81230656 | 146.1E6  | 45.972   | 45.654     |
| 14)                         | MA Endrin       | 5.932 | 6.641  | 70744400 | 120.8E6  | 42.520   | 43.266     |
| 15)                         | B Endosulfa...  | 6.205 | 6.851  | 72431941 | 119.8E6  | 43.934   | 41.900     |
| 16)                         | A 4,4'-DDD      | 6.062 | 6.767  | 70164689 | 125.7E6  | 49.604   | 49.106     |
| 17)                         | MA 4,4'-DDT     | 6.300 | 7.065  | 57916826 | 101.1E6  | 43.398   | 45.017     |
| 18)                         | B Endrin al...  | 6.372 | 6.975  | 61884195 | 100.1E6  | 42.618   | 43.904     |
| 19)                         | B Endosulfa...  | 6.584 | 7.198  | 76878267 | 116.8E6  | 46.586   | 48.701     |
| 20)                         | A Methoxychlor  | 6.844 | 7.524  | 36607759 | 52727318 | 42.503   | 42.677     |
| 21)                         | B Endrin ke...  | 7.070 | 7.667  | 90663346 | 122.2E6  | 50.284   | 51.569     |
| 22)                         | Mirex           | 7.256 | 8.120  | 70647885 | 84793355 | 49.833   | 49.759     |
| 24)                         | Chlordane-2     | 0.000 | 5.427f | 0        | 174.3E6  | N.D.     | 1598.663 # |
| 25)                         | Chlordane-3     | 5.327 | 6.046  | 83635766 | 155.3E6  | 546.179  | 384.528 #  |
| 26)                         | Chlordane-4     | 5.384 | 6.118  | 81175652 | 154.2E6  | 623.178  | 318.338 #  |
| 27)                         | Chlordane-5     | 6.205 | 0.000  | 72431941 | 0        | 1501.315 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

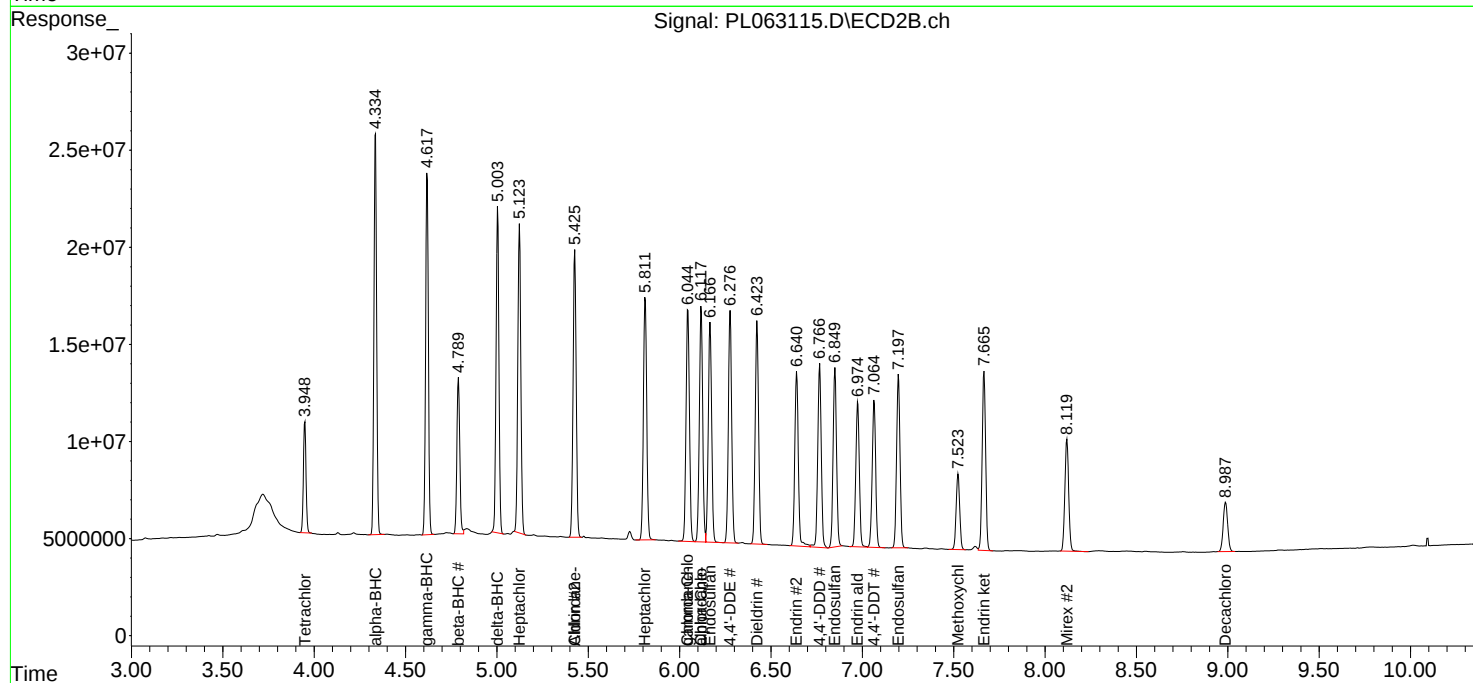
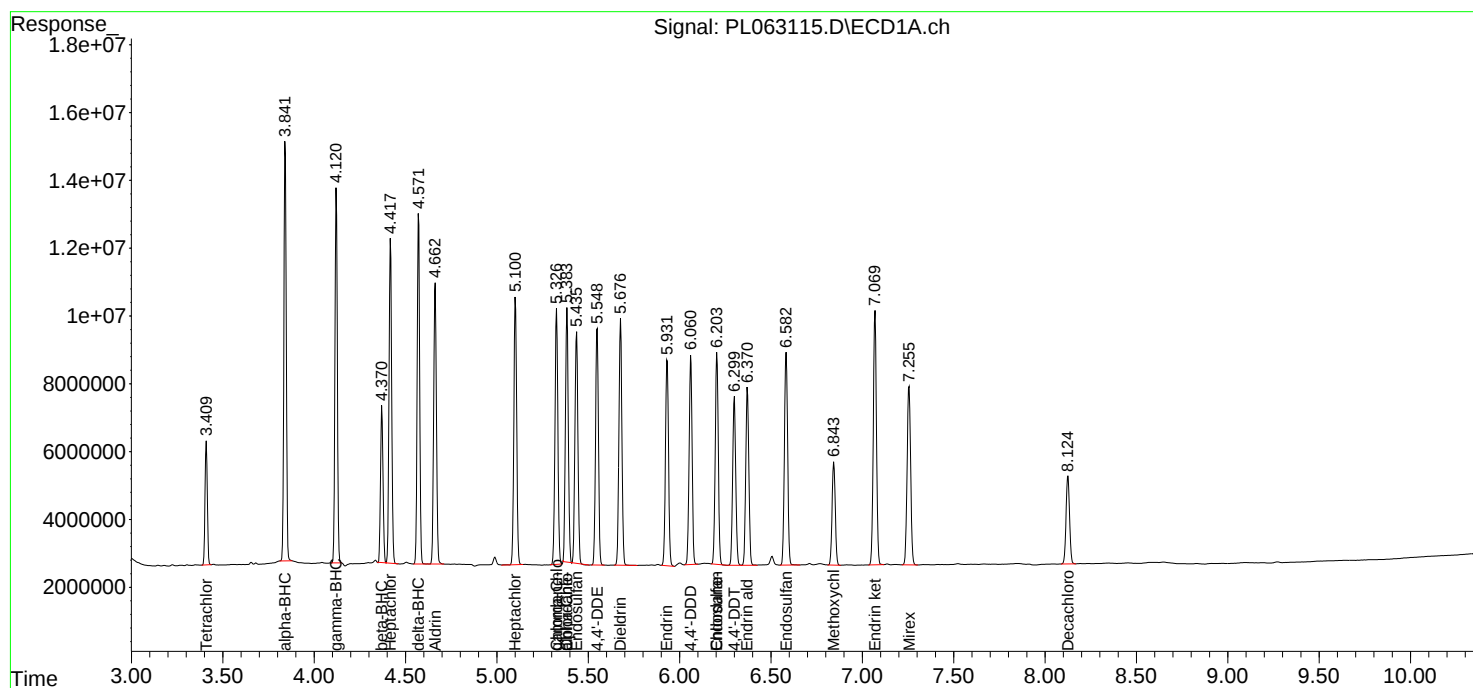
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

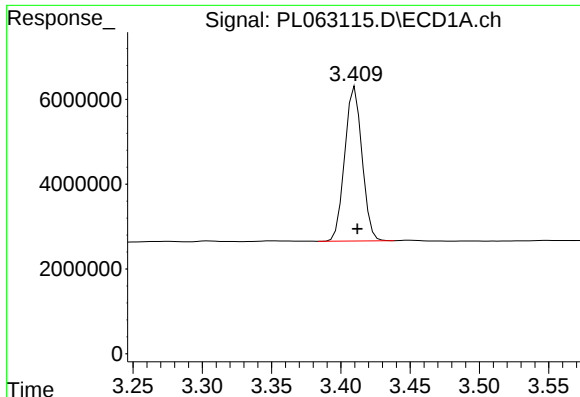
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111920\  
Data File : PL063115.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Nov 2020 16:05  
Operator : DD\AJ  
Sample : PB133117BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 04:57:17 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

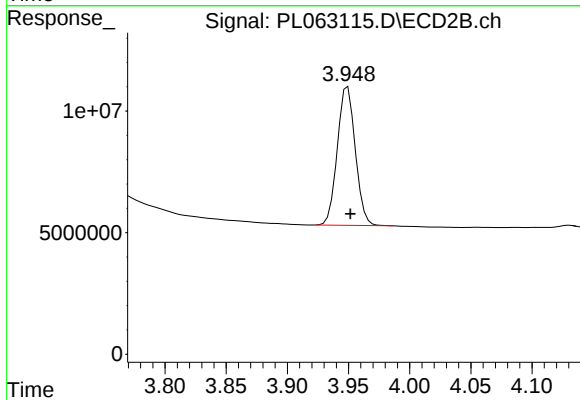




#1 Tetrachloro-m-xylene

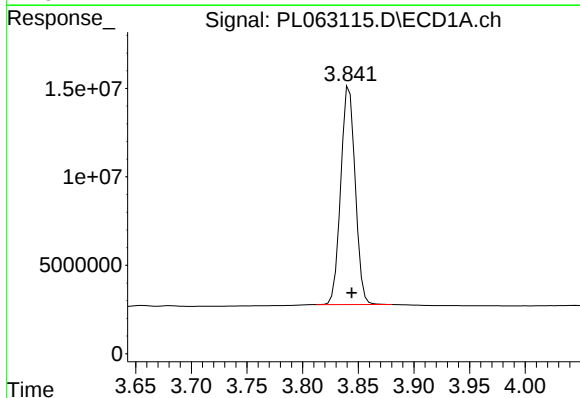
R.T.: 3.410 min  
Delta R.T.: -0.002 min  
Response: 31675041  
Conc: 18.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



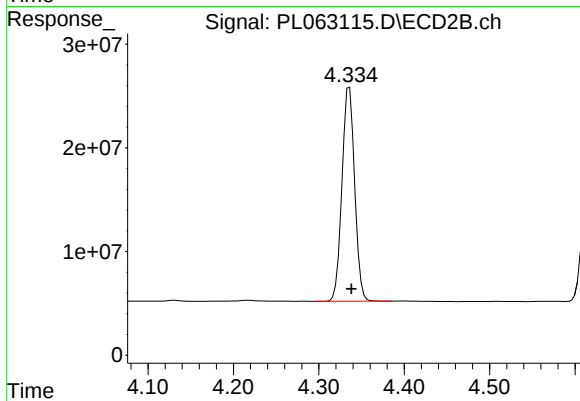
#1 Tetrachloro-m-xylene

R.T.: 3.949 min  
Delta R.T.: -0.002 min  
Response: 58274611  
Conc: 19.83 ng/ml



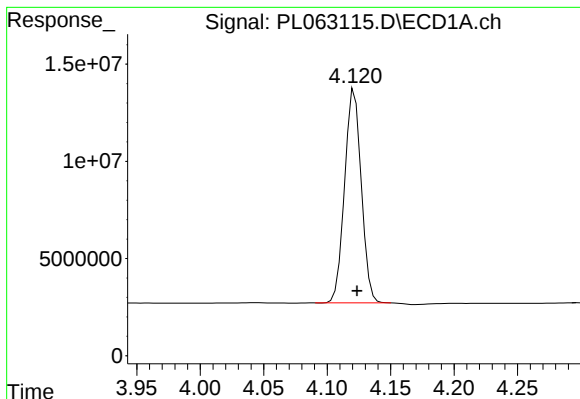
#2 alpha-BHC

R.T.: 3.842 min  
Delta R.T.: -0.002 min  
Response: 111515240  
Conc: 43.74 ng/ml



#2 alpha-BHC

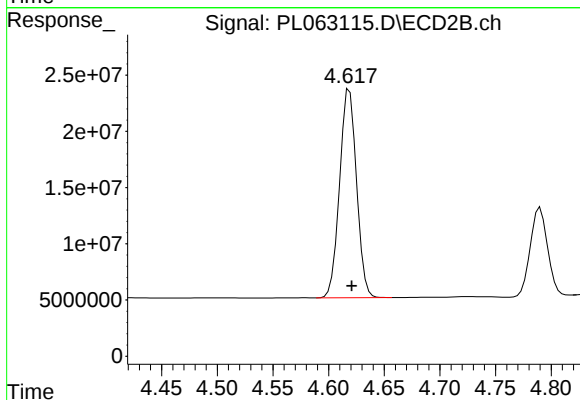
R.T.: 4.336 min  
Delta R.T.: -0.002 min  
Response: 212967916  
Conc: 47.93 ng/ml



#3 gamma-BHC (Lindane)

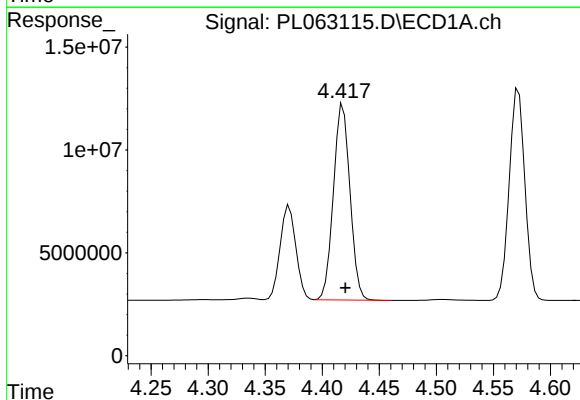
R.T.: 4.122 min  
Delta R.T.: -0.002 min  
Response: 100356720  
Conc: 43.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



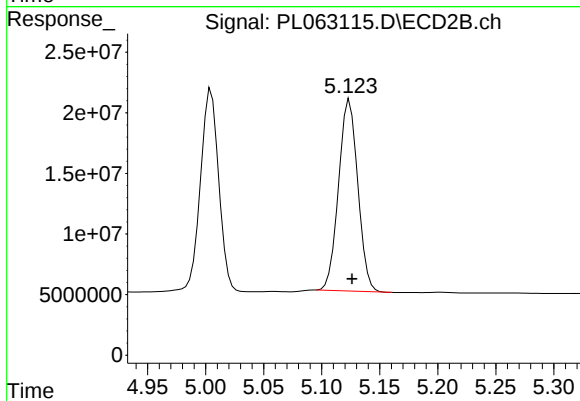
#3 gamma-BHC (Lindane)

R.T.: 4.619 min  
Delta R.T.: -0.002 min  
Response: 196593946  
Conc: 47.08 ng/ml



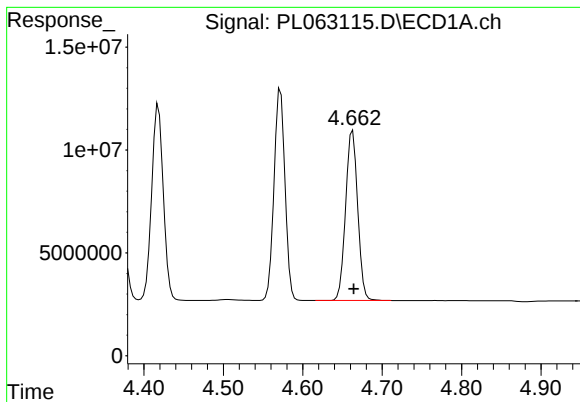
#4 Heptachlor

R.T.: 4.418 min  
Delta R.T.: -0.002 min  
Response: 96106359  
Conc: 44.79 ng/ml



#4 Heptachlor

R.T.: 5.124 min  
Delta R.T.: -0.002 min  
Response: 182386299  
Conc: 45.73 ng/ml



#5 Aldrin

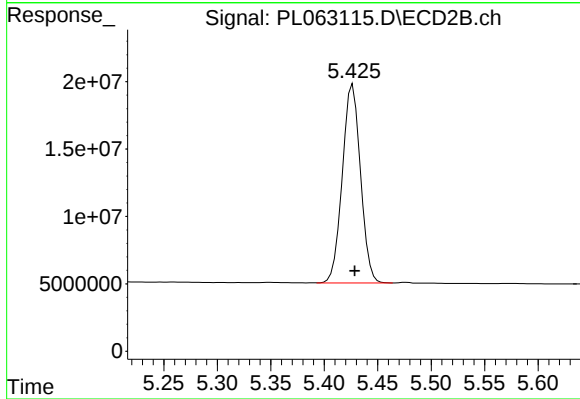
R.T.: 4.663 min

Delta R.T.: -0.001 min

Response: 87555492

Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



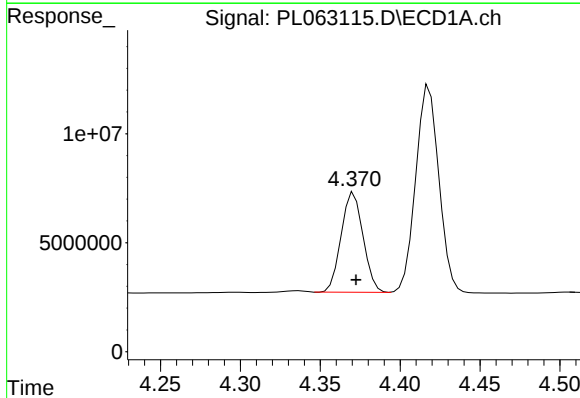
#5 Aldrin

R.T.: 5.427 min

Delta R.T.: -0.002 min

Response: 174311778

Conc: 48.16 ng/ml



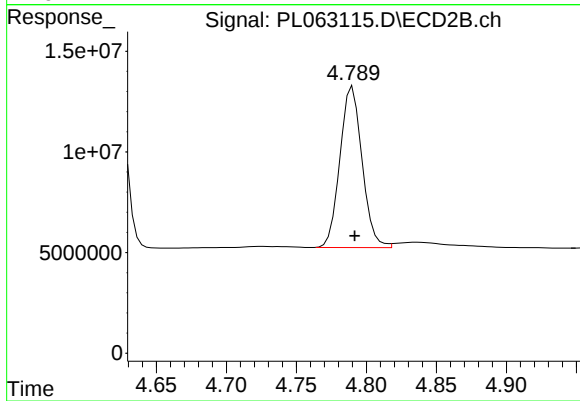
#6 beta-BHC

R.T.: 4.371 min

Delta R.T.: -0.001 min

Response: 43819361

Conc: 45.87 ng/ml



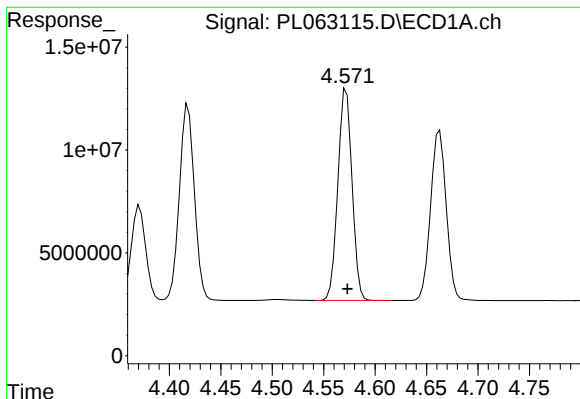
#6 beta-BHC

R.T.: 4.790 min

Delta R.T.: -0.002 min

Response: 88160646

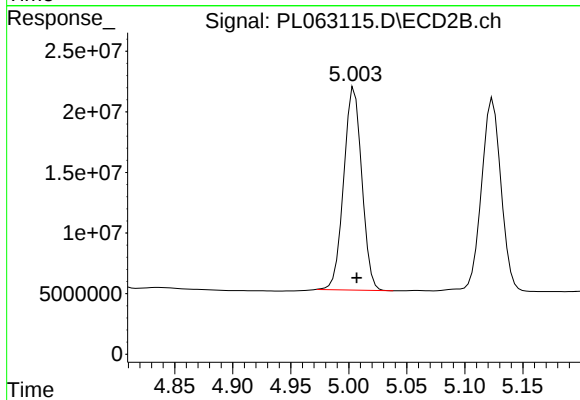
Conc: 46.82 ng/ml



#7 delta-BHC

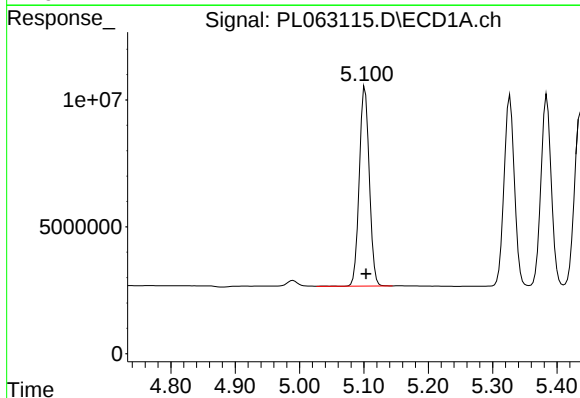
R.T.: 4.572 min  
Delta R.T.: -0.001 min  
Response: 98598646  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



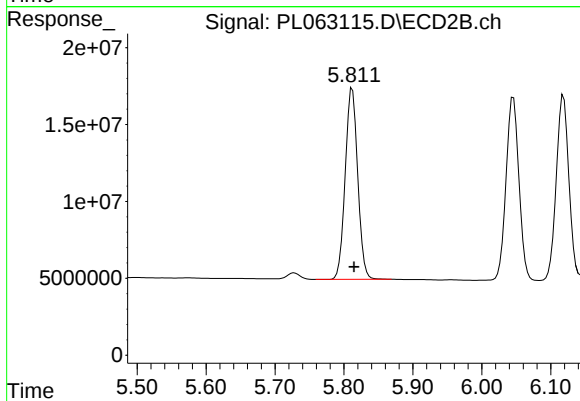
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: -0.002 min  
Response: 181193200  
Conc: 51.78 ng/ml



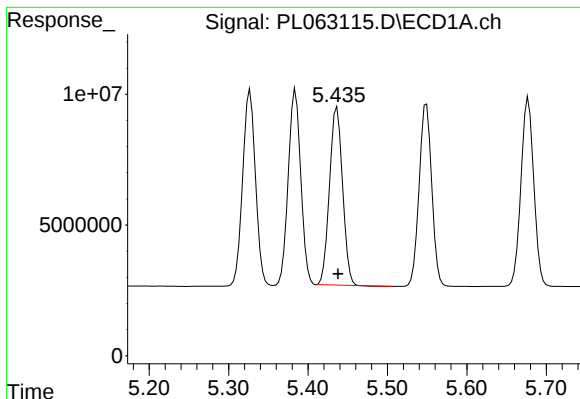
#8 Heptachlor epoxide

R.T.: 5.102 min  
Delta R.T.: -0.002 min  
Response: 84937126  
Conc: 46.55 ng/ml



#8 Heptachlor epoxide

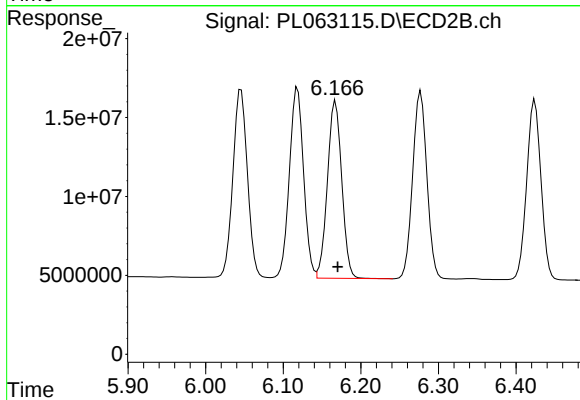
R.T.: 5.812 min  
Delta R.T.: -0.002 min  
Response: 156866823  
Conc: 48.44 ng/ml



#9 Endosulfan I

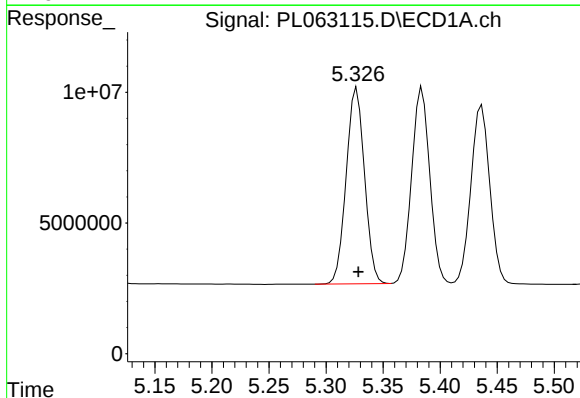
R.T.: 5.437 min  
Delta R.T.: -0.001 min  
Response: 77598685  
Conc: 46.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



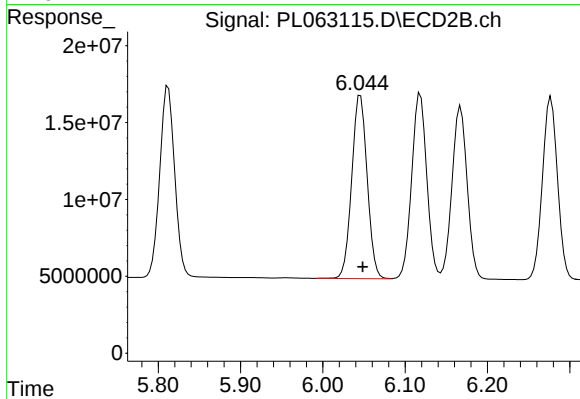
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 144523863  
Conc: 45.83 ng/ml



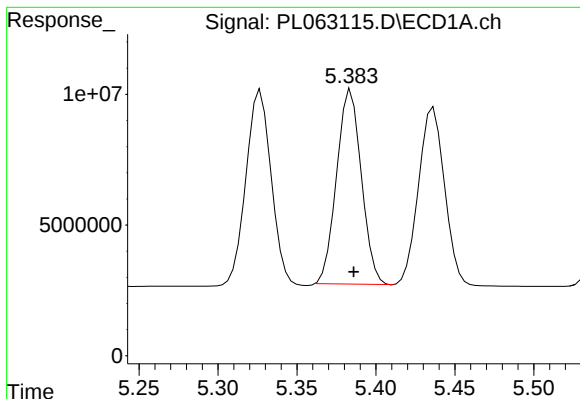
#10 gamma-Chlordane

R.T.: 5.327 min  
Delta R.T.: -0.001 min  
Response: 83635766  
Conc: 46.42 ng/ml



#10 gamma-Chlordane

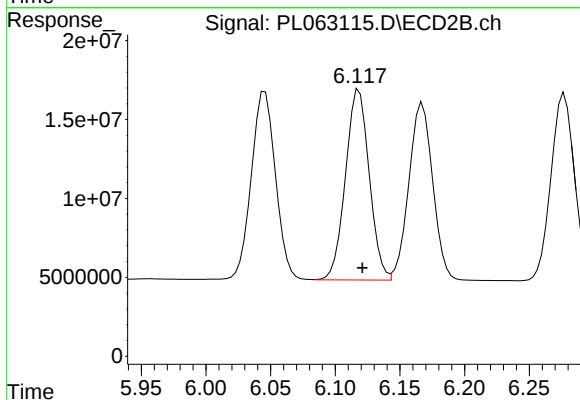
R.T.: 6.046 min  
Delta R.T.: -0.003 min  
Response: 155326668  
Conc: 46.14 ng/ml



#11 alpha-Chlordane

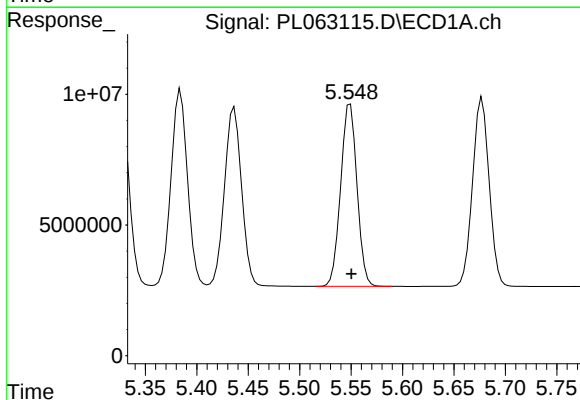
R.T.: 5.384 min  
Delta R.T.: -0.002 min  
Response: 81175652  
Conc: 44.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



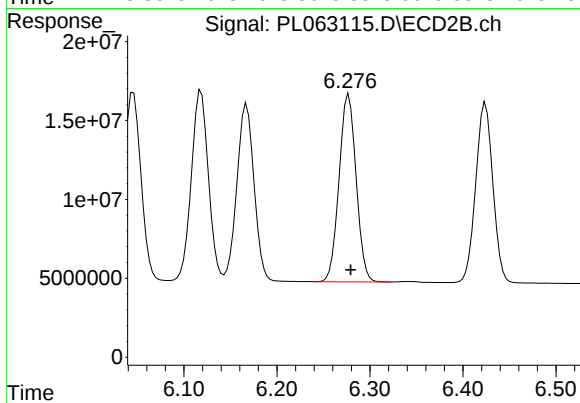
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 154166915  
Conc: 45.76 ng/ml



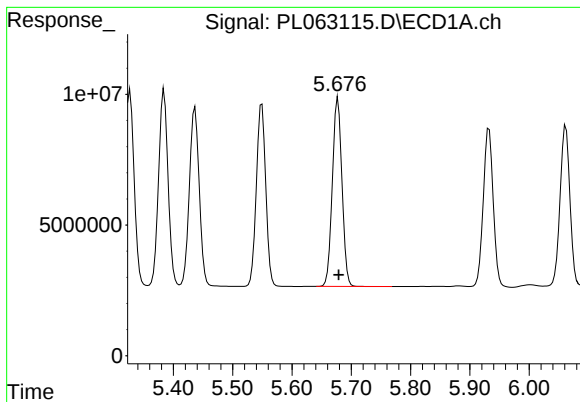
#12 4,4'-DDE

R.T.: 5.549 min  
Delta R.T.: -0.001 min  
Response: 77003352  
Conc: 46.54 ng/ml



#12 4,4'-DDE

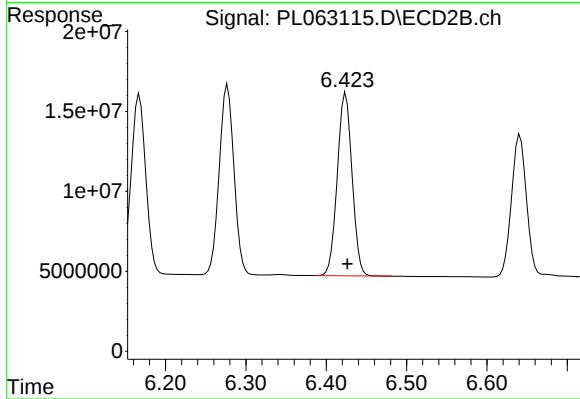
R.T.: 6.277 min  
Delta R.T.: -0.002 min  
Response: 151315383  
Conc: 46.96 ng/ml



#13 Dieldrin

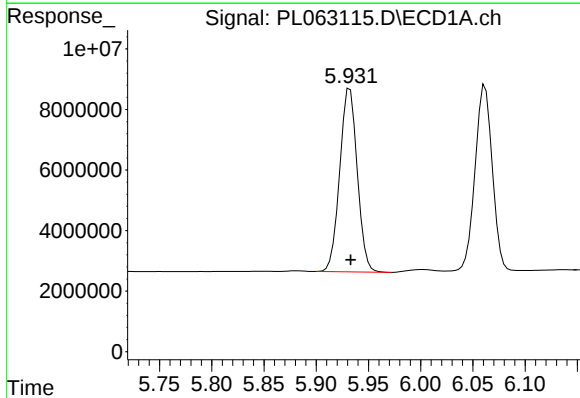
R.T.: 5.677 min  
Delta R.T.: -0.002 min  
Response: 81230656  
Conc: 45.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



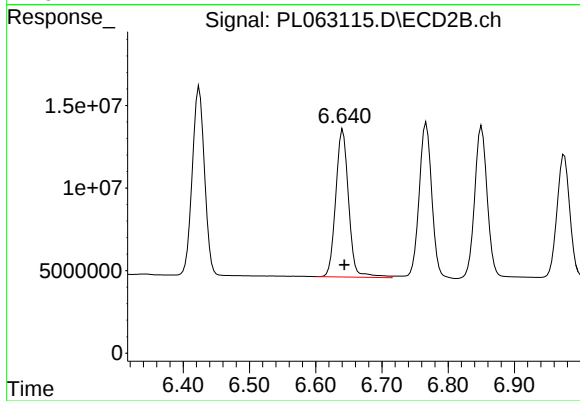
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: -0.002 min  
Response: 146131784  
Conc: 45.65 ng/ml



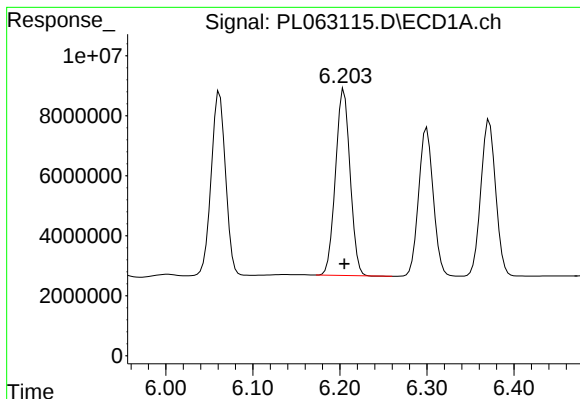
#14 Endrin

R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 70744400  
Conc: 42.52 ng/ml



#14 Endrin

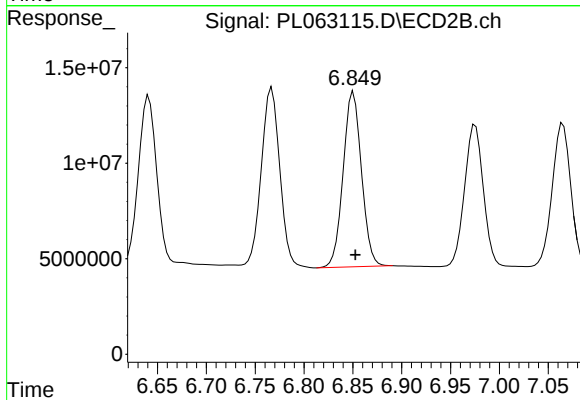
R.T.: 6.641 min  
Delta R.T.: -0.002 min  
Response: 120760603  
Conc: 43.27 ng/ml



#15 Endosulfan II

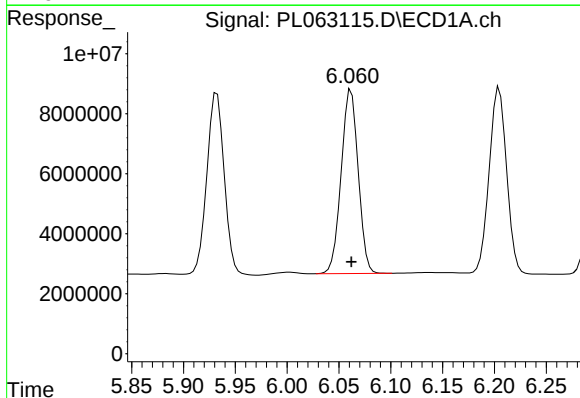
R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 72431941  
Conc: 43.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



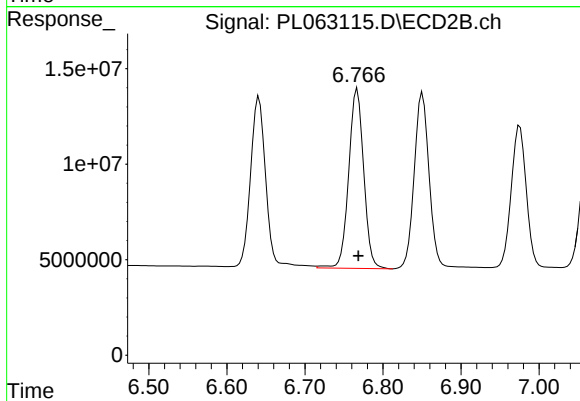
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.002 min  
Response: 119776364  
Conc: 41.90 ng/ml



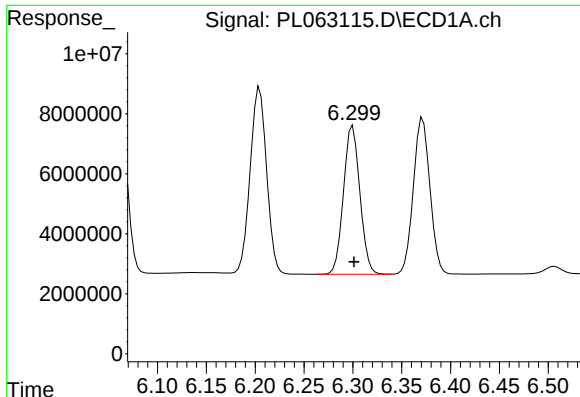
#16 4,4'-DDD

R.T.: 6.062 min  
Delta R.T.: 0.000 min  
Response: 70164689  
Conc: 49.60 ng/ml



#16 4,4'-DDD

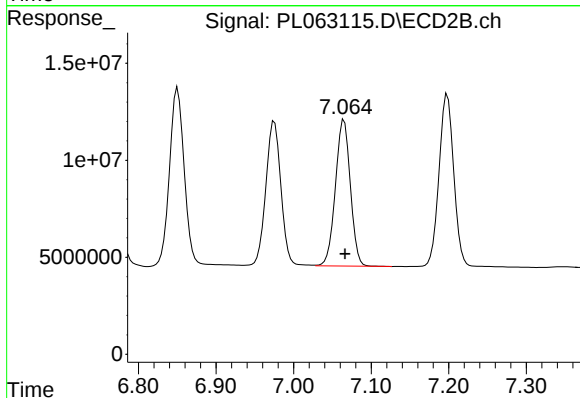
R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 125708635  
Conc: 49.11 ng/ml



#17 4,4'-DDT

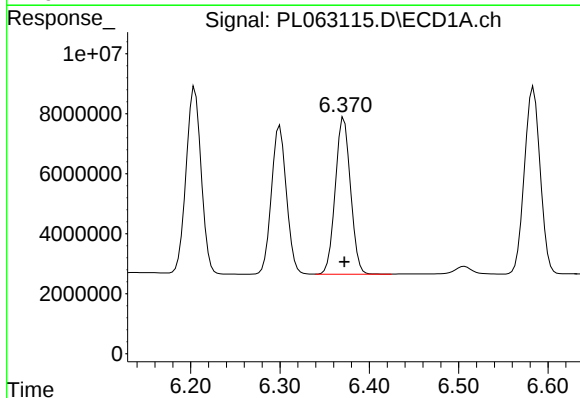
R.T.: 6.300 min  
Delta R.T.: -0.001 min  
Response: 57916826  
Conc: 43.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



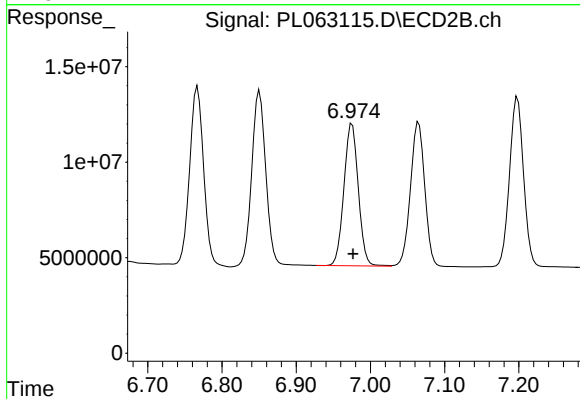
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.001 min  
Response: 101074429  
Conc: 45.02 ng/ml



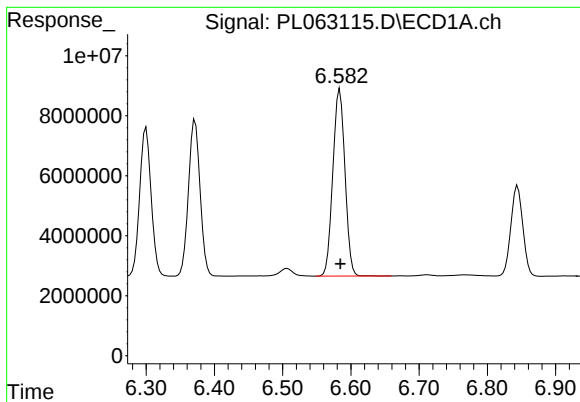
#18 Endrin aldehyde

R.T.: 6.372 min  
Delta R.T.: 0.000 min  
Response: 61884195  
Conc: 42.62 ng/ml



#18 Endrin aldehyde

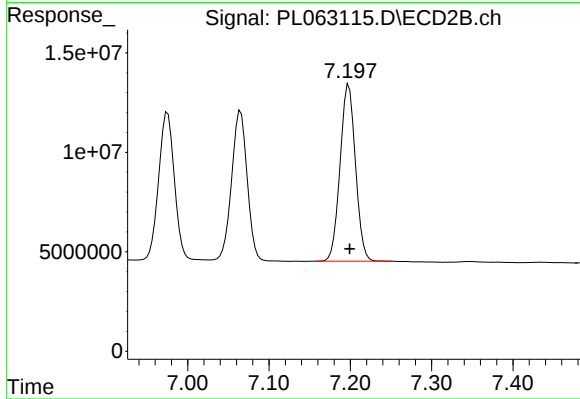
R.T.: 6.975 min  
Delta R.T.: -0.001 min  
Response: 100126201  
Conc: 43.90 ng/ml



#19 Endosulfan Sulfate

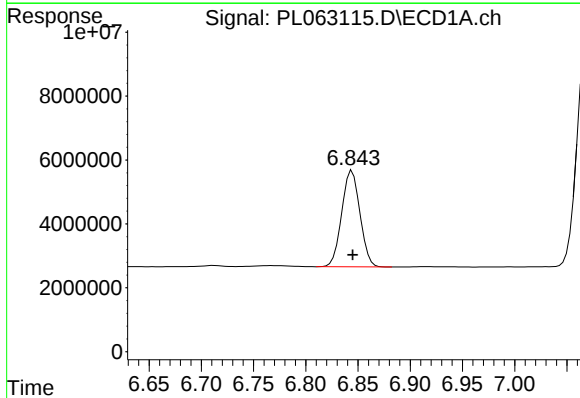
R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 76878267  
Conc: 46.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



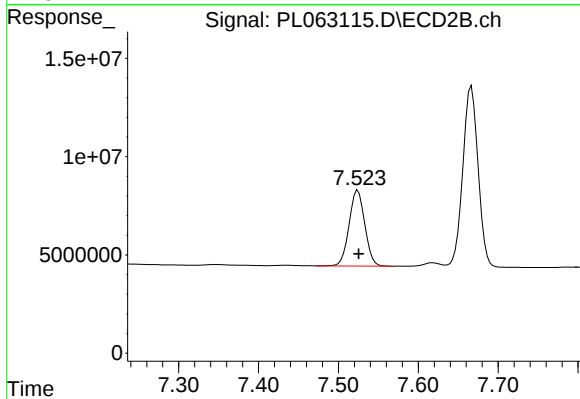
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: -0.001 min  
Response: 116845477  
Conc: 48.70 ng/ml



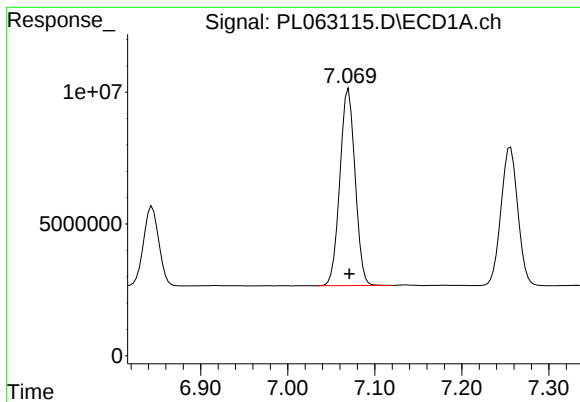
#20 Methoxychlor

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 36607759  
Conc: 42.50 ng/ml



#20 Methoxychlor

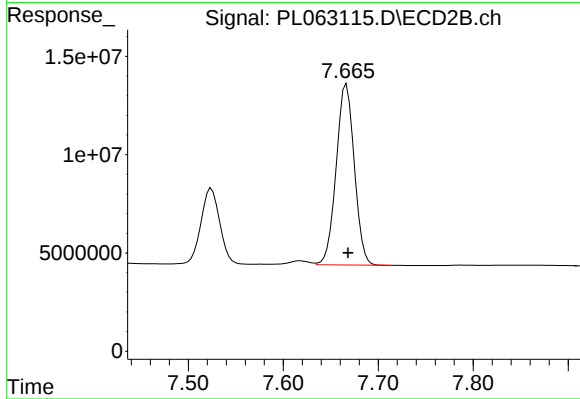
R.T.: 7.524 min  
Delta R.T.: -0.001 min  
Response: 52727318  
Conc: 42.68 ng/ml



#21 Endrin ketone

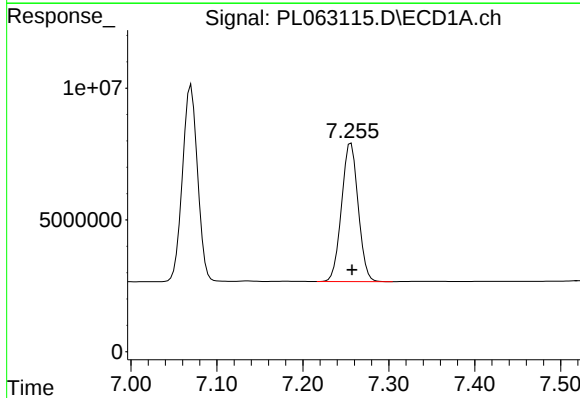
R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 90663346  
Conc: 50.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



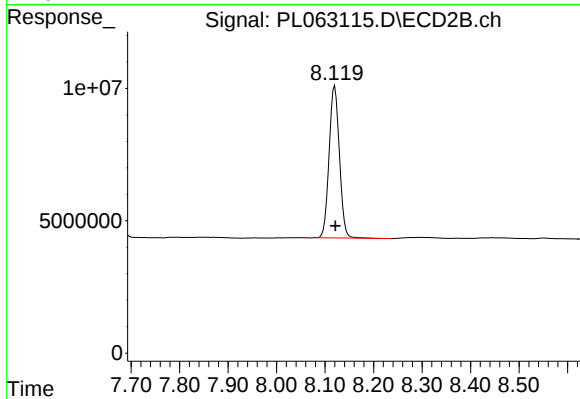
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: -0.002 min  
Response: 122207621  
Conc: 51.57 ng/ml



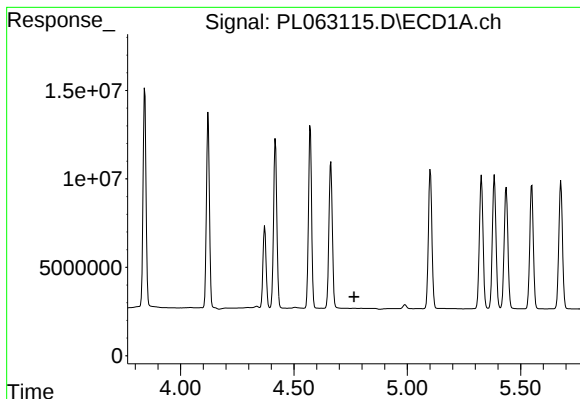
#22 Mirex

R.T.: 7.256 min  
Delta R.T.: -0.001 min  
Response: 70647885  
Conc: 49.83 ng/ml



#22 Mirex

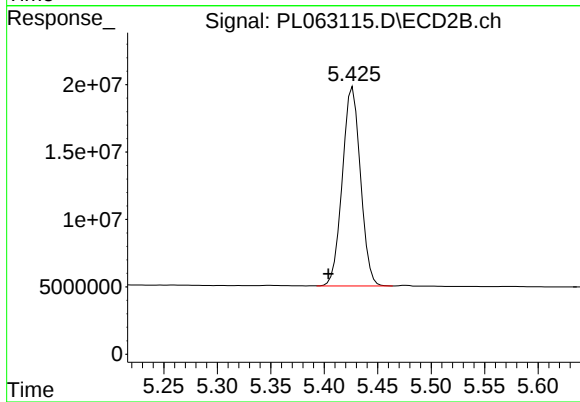
R.T.: 8.120 min  
Delta R.T.: -0.001 min  
Response: 84793355  
Conc: 49.76 ng/ml



#24 Chlordane-2

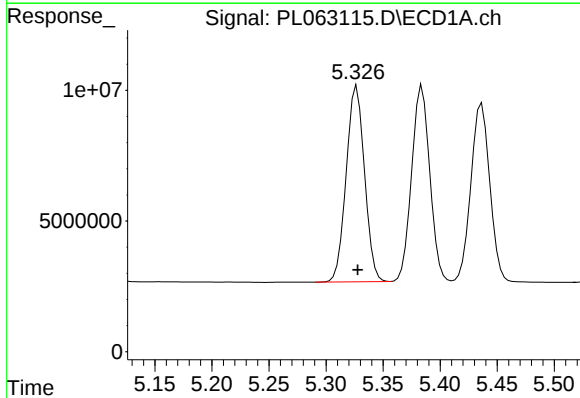
R.T.: 0.000 min  
Exp R.T.: 4.765 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



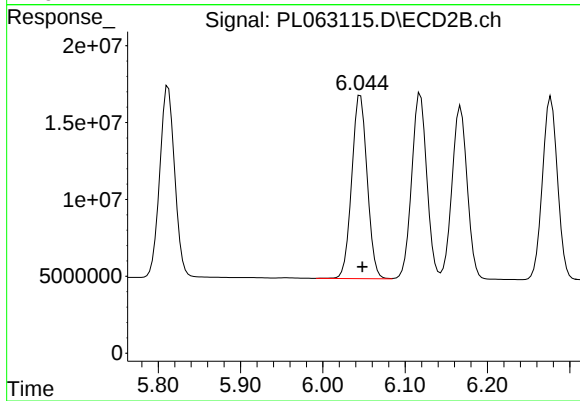
#24 Chlordane-2

R.T.: 5.427 min  
Delta R.T.: 0.023 min  
Response: 174311778  
Conc: 1598.66 ng/ml



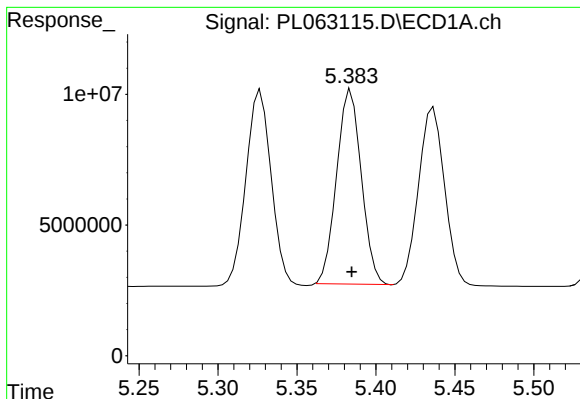
#25 Chlordane-3

R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 83635766  
Conc: 546.18 ng/ml



#25 Chlordane-3

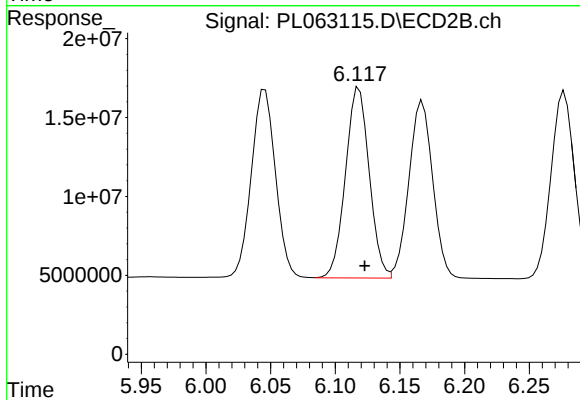
R.T.: 6.046 min  
Delta R.T.: -0.002 min  
Response: 155326668  
Conc: 384.53 ng/ml



#26 Chlordane-4

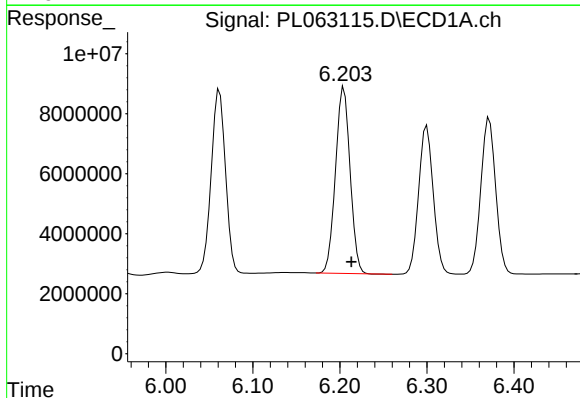
R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 81175652  
Conc: 623.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



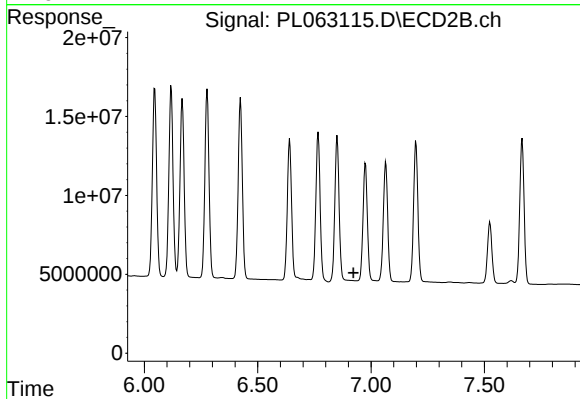
#26 Chlordane-4

R.T.: 6.118 min  
Delta R.T.: -0.004 min  
Response: 154166915  
Conc: 318.34 ng/ml



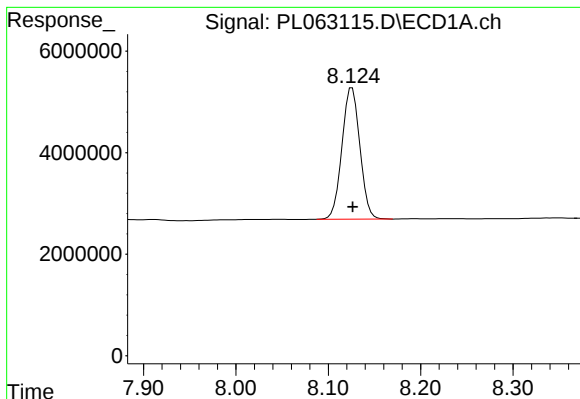
#27 Chlordane-5

R.T.: 6.205 min  
Delta R.T.: -0.008 min  
Response: 72431941  
Conc: 1501.32 ng/ml



#27 Chlordane-5

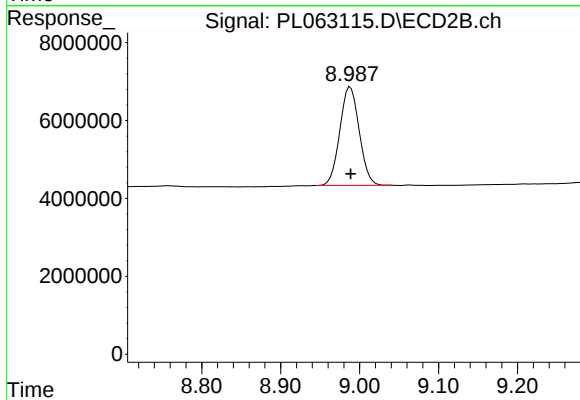
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.126 min  
Delta R.T.: 0.000 min  
Response: 34918824  
Conc: 21.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.988 min  
Delta R.T.: 0.000 min  
Response: 43222222  
Conc: 20.65 ng/ml