

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112322\  
 Data File : PL079409.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Nov 2022 22:27  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 24 00:12:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 24 00:09:49 2022  
 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... | 3.318  | 2.565 | 116.5E6  | 137.6E6  | 51.575   | 50.564    |
| 28)                         | SA Decachlor... | 8.765  | 7.630 | 96756030 | 115.0E6  | 49.820   | 48.951    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.778  | 3.051 | 182.1E6  | 221.0E6  | 52.945   | 51.259    |
| 3)                          | MA gamma-BHC... | 4.111  | 3.372 | 171.0E6  | 199.7E6  | 52.771   | 51.281    |
| 4)                          | MA Heptachlor   | 4.681  | 3.698 | 172.0E6  | 195.9E6  | 52.194   | 50.924    |
| 5)                          | MB Aldrin       | 5.019  | 3.969 | 162.6E6  | 188.6E6  | 52.358   | 50.785    |
| 6)                          | B beta-BHC      | 4.326  | 3.672 | 73039965 | 74752570 | 51.730   | 49.336    |
| 7)                          | B delta-BHC     | 4.567  | 3.891 | 152.7E6  | 197.4E6  | 55.024   | 51.312    |
| 8)                          | B Heptachlo...  | 5.453  | 4.466 | 146.5E6  | 170.0E6  | 51.305   | 50.358    |
| 9)                          | A Endosulfan I  | 5.837  | 4.828 | 137.7E6  | 161.2E6  | 51.786   | 50.382    |
| 10)                         | B gamma-Chl...  | 5.708  | 4.714 | 149.4E6  | 170.7E6  | 52.216   | 50.429    |
| 11)                         | B alpha-Chl...  | 5.784  | 4.775 | 148.7E6  | 167.3E6  | 51.597   | 49.958    |
| 12)                         | B 4,4'-DDE      | 5.969  | 4.970 | 129.5E6  | 156.3E6  | 51.824   | 50.992    |
| 13)                         | MA Dieldrin     | 6.114  | 5.090 | 141.3E6  | 170.1E6  | 51.534   | 50.458    |
| 14)                         | MA Endrin       | 6.345  | 5.361 | 123.6E6  | 152.3E6  | 51.084   | 50.362    |
| 15)                         | B Endosulfa...  | 6.575  | 5.657 | 114.7E6  | 137.8E6  | 50.831   | 49.248    |
| 16)                         | A 4,4'-DDD      | 6.493  | 5.521 | 104.0E6  | 126.4E6  | 52.408   | 50.524    |
| 17)                         | MA 4,4'-DDT     | 6.802  | 5.767 | 116.2E6  | 133.0E6  | 51.212   | 50.888    |
| 18)                         | B Endrin al...  | 6.706  | 5.835 | 93399161 | 106.8E6  | 51.569   | 50.198    |
| 19)                         | B Endosulfa...  | 6.939  | 6.058 | 119.5E6  | 140.4E6  | 51.540   | 49.748    |
| 20)                         | A Methoxychlor  | 7.287  | 6.344 | 60685223 | 67898729 | 50.303   | 49.956    |
| 21)                         | B Endrin ke...  | 7.426  | 6.554 | 128.0E6  | 157.7E6  | 51.892   | 51.191    |
| 22)                         | Mirex           | 7.882  | 6.725 | 96419394 | 116.9E6  | 50.905   | 49.427    |
| 24)                         | Chlordane-2     | 5.019f | 0.000 | 162.6E6  | 0        | 1542.999 | N.D. #    |
| 25)                         | Chlordane-3     | 5.708  | 4.714 | 149.4E6  | 170.7E6  | 359.800  | 510.505 # |
| 26)                         | Chlordane-4     | 5.784  | 4.775 | 148.7E6  | 167.3E6  | 292.222  | 461.745 # |
| 27)                         | Chlordane-5     | 0.000  | 5.437 | 0        | 131104   | N.D.     | 1.458 #   |
| -----                       |                 |        |       |          |          |          |           |

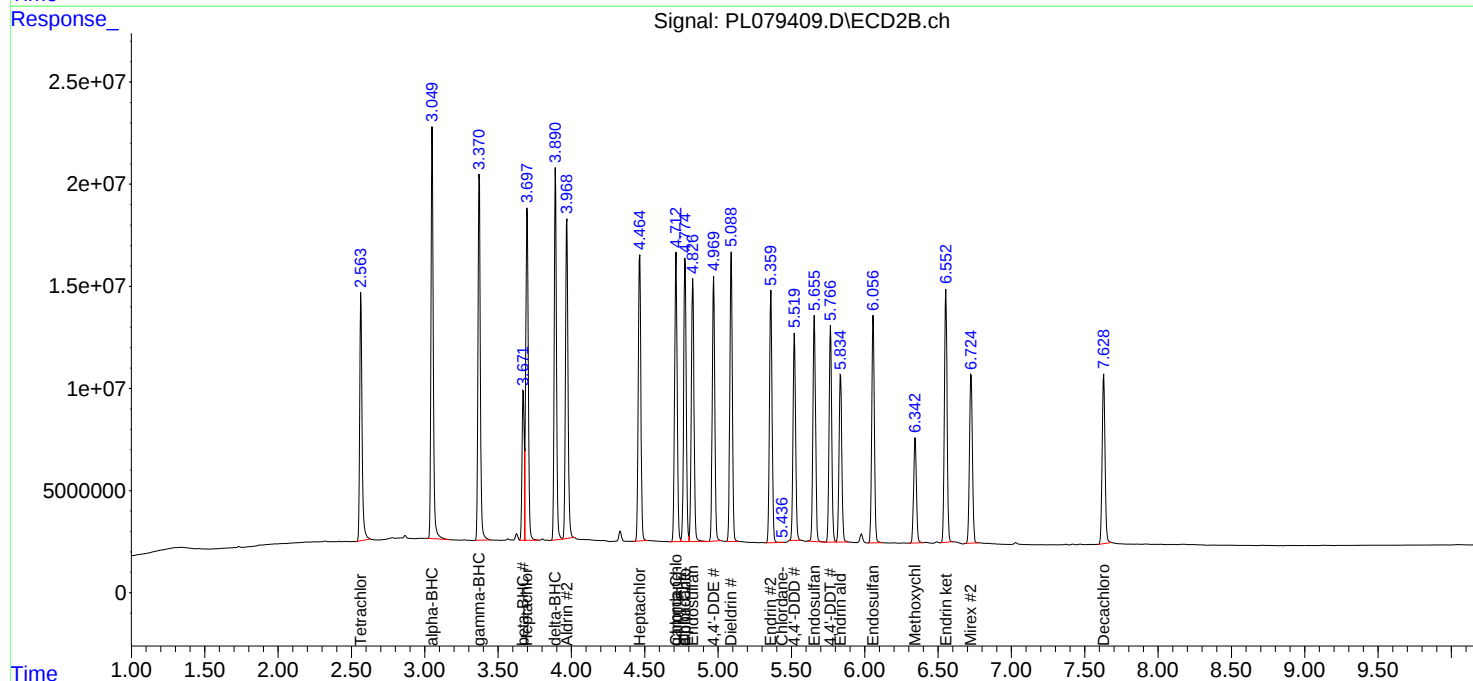
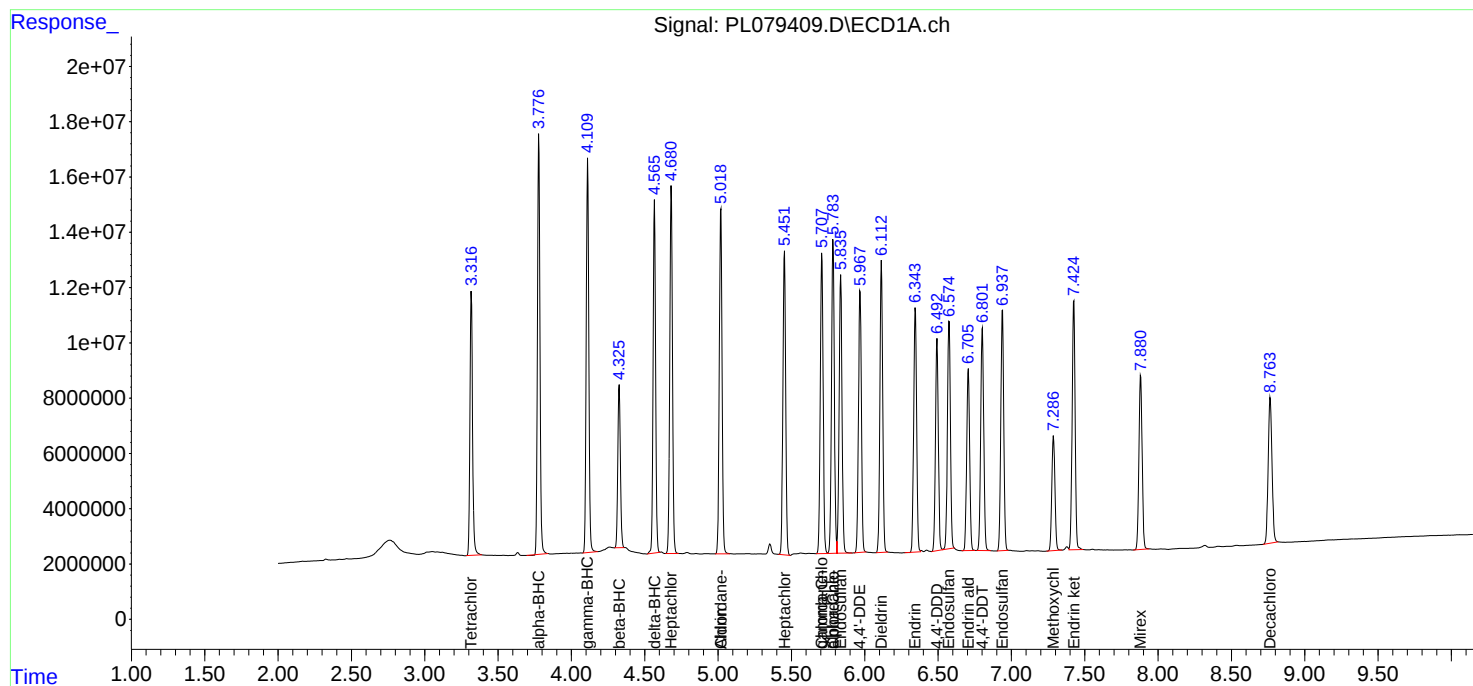
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

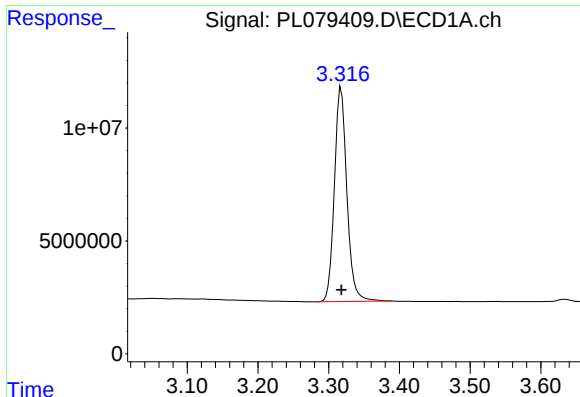
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112322\  
Data File : PL079409.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Nov 2022 22:27  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 24 00:12:17 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112322.M  
Quant Title : GC Extractables  
QLast Update : Thu Nov 24 00:09:49 2022  
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

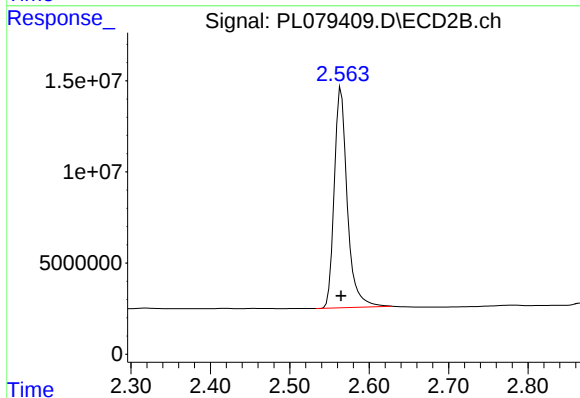




#1 Tetrachloro-m-xylene

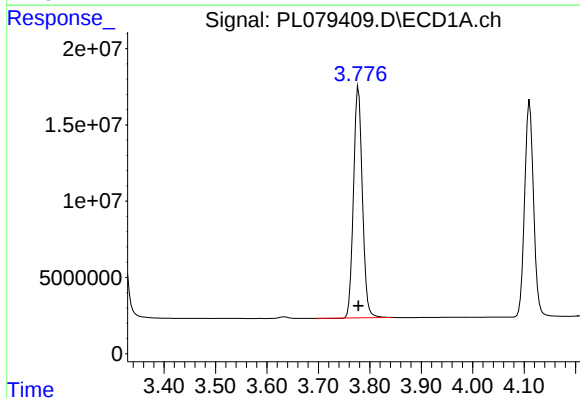
R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 116508872  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



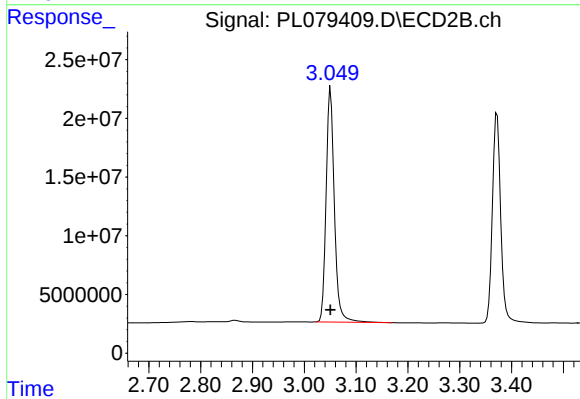
#1 Tetrachloro-m-xylene

R.T.: 2.565 min  
Delta R.T.: 0.000 min  
Response: 137636996  
Conc: 50.56 ng/ml



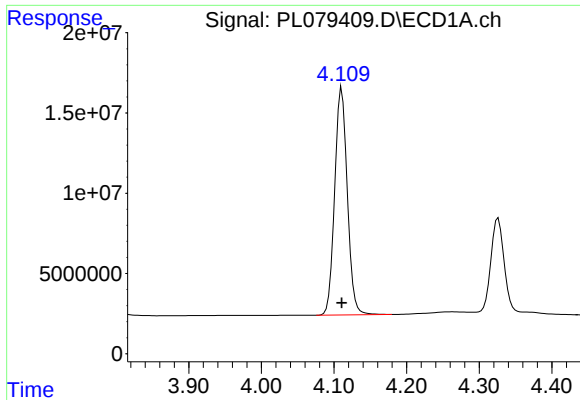
#2 alpha-BHC

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 182064238  
Conc: 52.94 ng/ml



#2 alpha-BHC

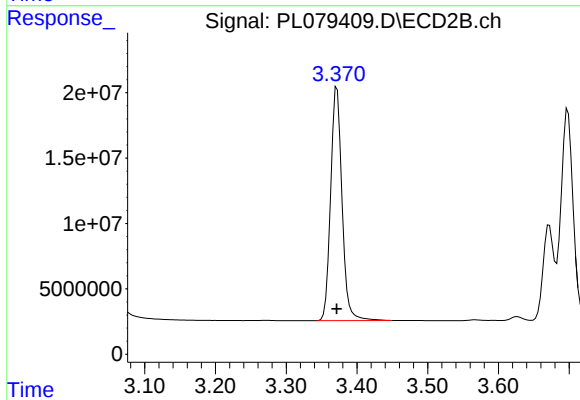
R.T.: 3.051 min  
Delta R.T.: 0.000 min  
Response: 221030231  
Conc: 51.26 ng/ml



#3 gamma-BHC (Lindane)

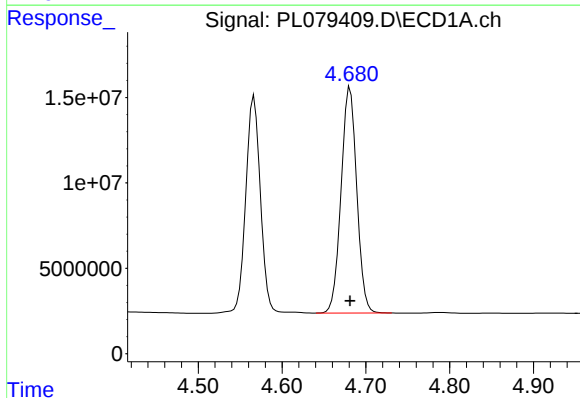
R.T.: 4.111 min  
Delta R.T.: 0.000 min  
Response: 171018815  
Conc: 52.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



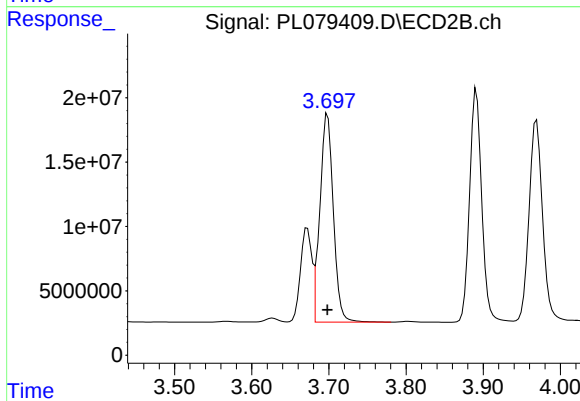
#3 gamma-BHC (Lindane)

R.T.: 3.372 min  
Delta R.T.: 0.000 min  
Response: 199672258  
Conc: 51.28 ng/ml



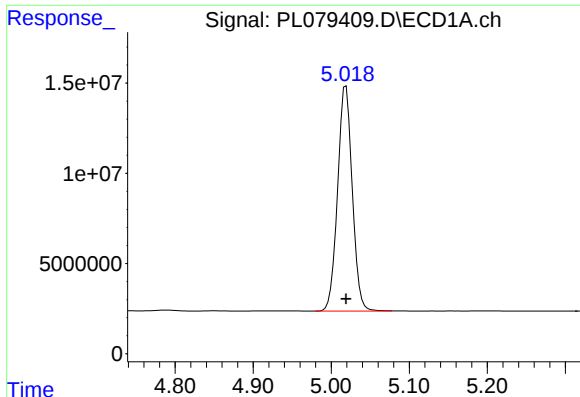
#4 Heptachlor

R.T.: 4.681 min  
Delta R.T.: 0.000 min  
Response: 171993019  
Conc: 52.19 ng/ml



#4 Heptachlor

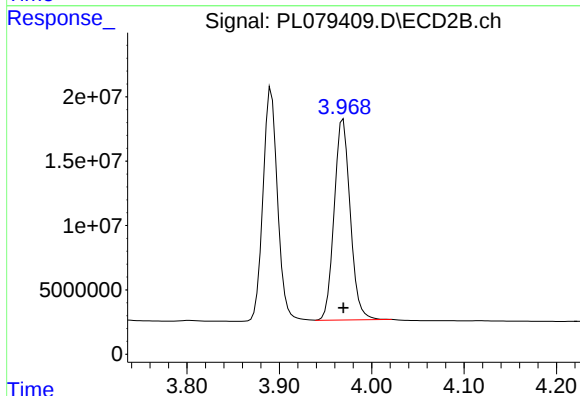
R.T.: 3.698 min  
Delta R.T.: 0.000 min  
Response: 195941323  
Conc: 50.92 ng/ml



#5 Aldrin

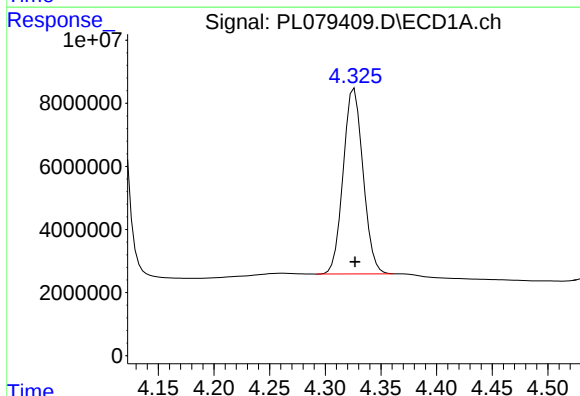
R.T.: 5.019 min  
Delta R.T.: 0.000 min  
Response: 162590187  
Conc: 52.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



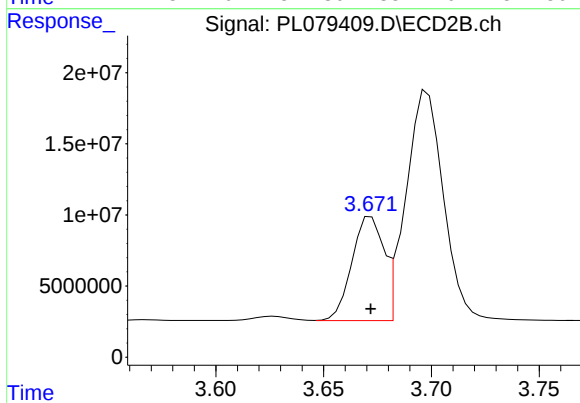
#5 Aldrin

R.T.: 3.969 min  
Delta R.T.: 0.000 min  
Response: 188560450  
Conc: 50.79 ng/ml



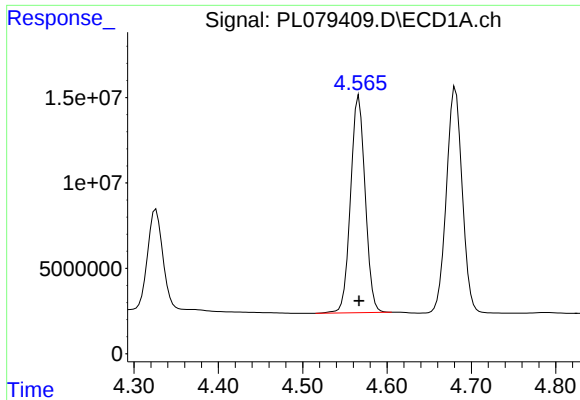
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 73039965  
Conc: 51.73 ng/ml



#6 beta-BHC

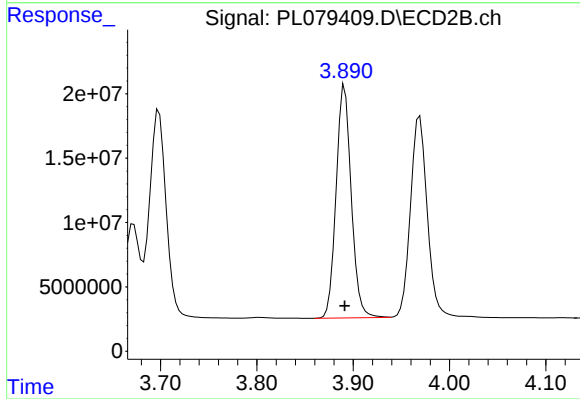
R.T.: 3.672 min  
Delta R.T.: 0.000 min  
Response: 74752570  
Conc: 49.34 ng/ml



#7 delta-BHC

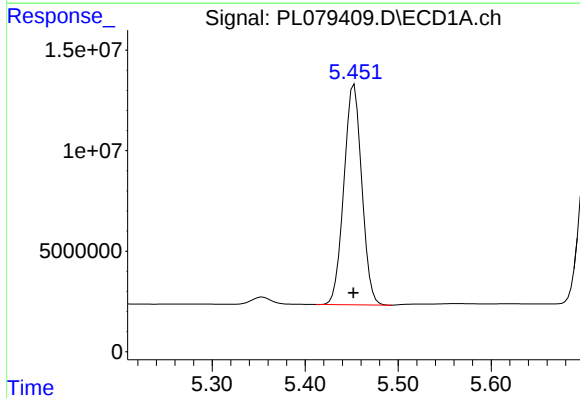
R.T.: 4.567 min  
Delta R.T.: 0.000 min  
Response: 152656355  
Conc: 55.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



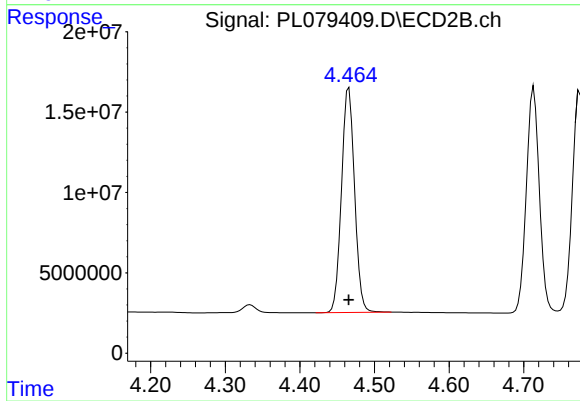
#7 delta-BHC

R.T.: 3.891 min  
Delta R.T.: 0.000 min  
Response: 197407275  
Conc: 51.31 ng/ml



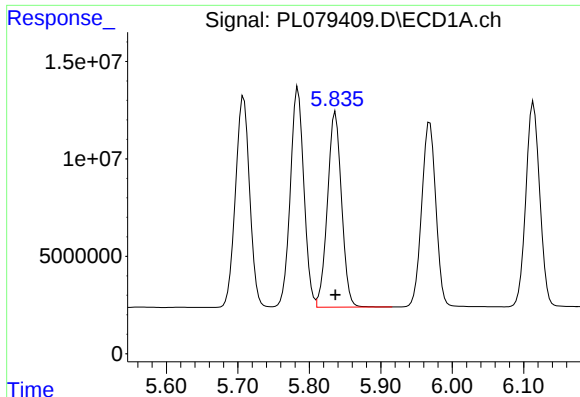
#8 Heptachlor epoxide

R.T.: 5.453 min  
Delta R.T.: 0.000 min  
Response: 146474559  
Conc: 51.31 ng/ml



#8 Heptachlor epoxide

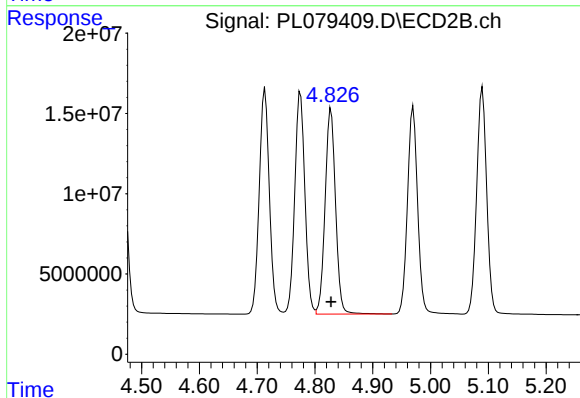
R.T.: 4.466 min  
Delta R.T.: 0.000 min  
Response: 169976674  
Conc: 50.36 ng/ml



#9 Endosulfan I

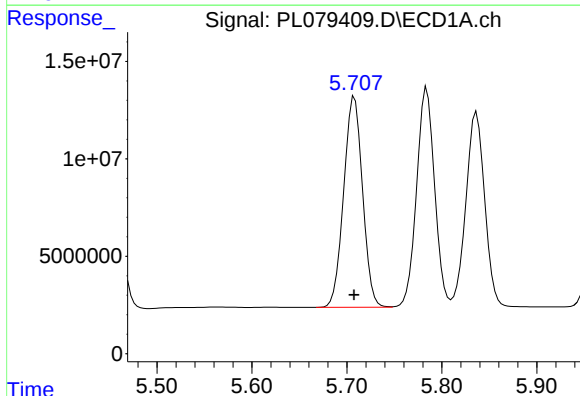
R.T.: 5.837 min  
Delta R.T.: 0.000 min  
Response: 137683460  
Conc: 51.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



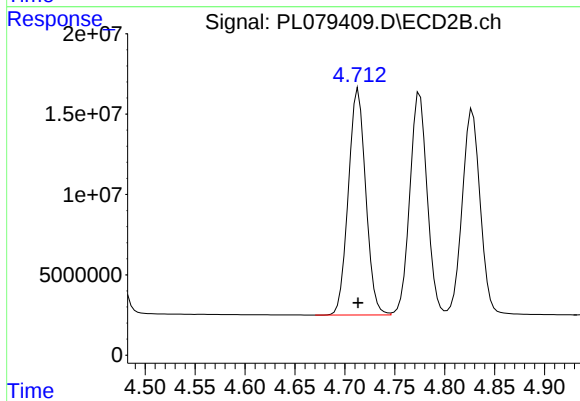
#9 Endosulfan I

R.T.: 4.828 min  
Delta R.T.: 0.000 min  
Response: 161212218  
Conc: 50.38 ng/ml



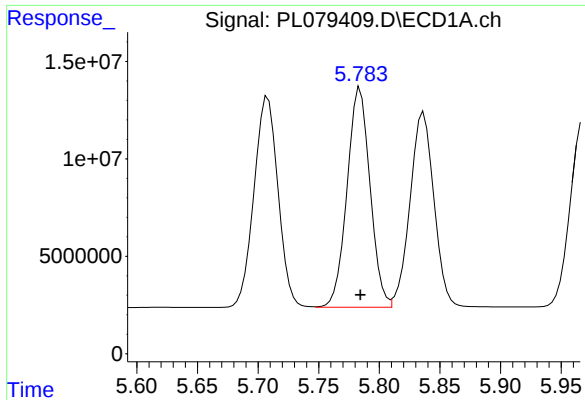
#10 gamma-Chlordane

R.T.: 5.708 min  
Delta R.T.: 0.000 min  
Response: 149399562  
Conc: 52.22 ng/ml



#10 gamma-Chlordane

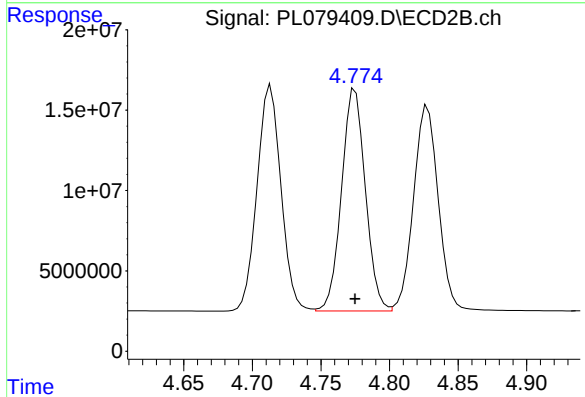
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 170663909  
Conc: 50.43 ng/ml



#11 alpha-Chlordane

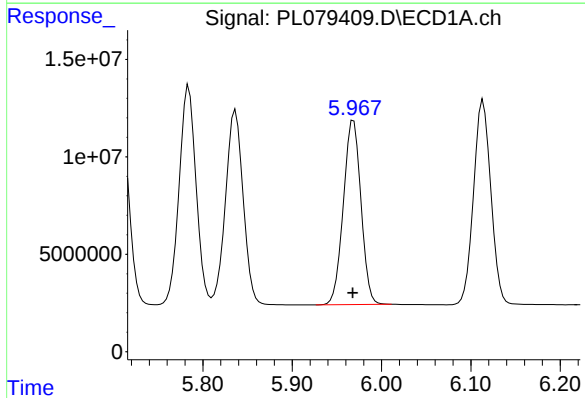
R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 148680324  
Conc: 51.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



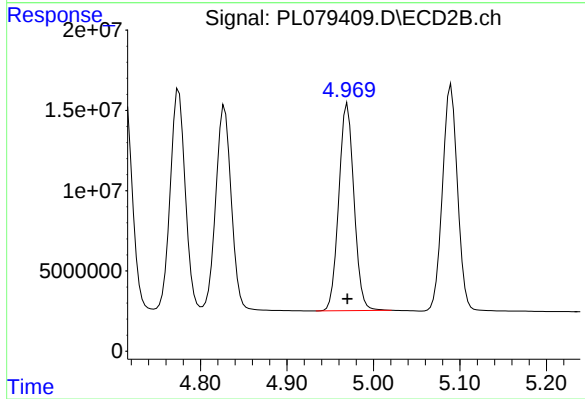
#11 alpha-Chlordane

R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 167319647  
Conc: 49.96 ng/ml



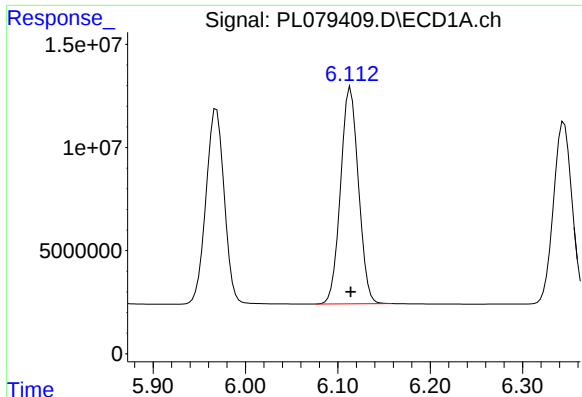
#12 4,4'-DDE

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 129475905  
Conc: 51.82 ng/ml



#12 4,4'-DDE

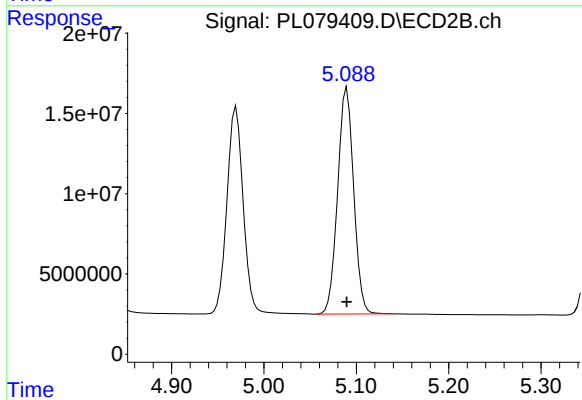
R.T.: 4.970 min  
Delta R.T.: 0.000 min  
Response: 156348275  
Conc: 50.99 ng/ml



#13 Dieldrin

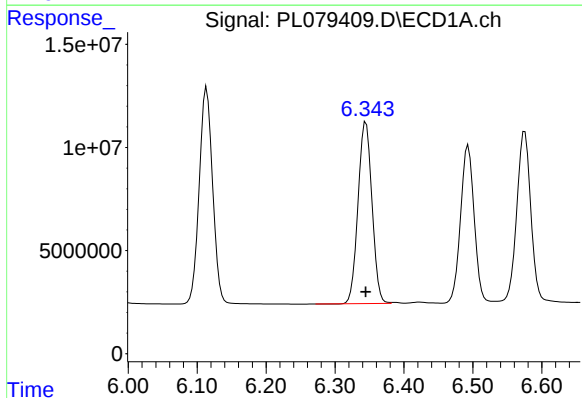
R.T.: 6.114 min  
Delta R.T.: 0.000 min  
Response: 141349244  
Conc: 51.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



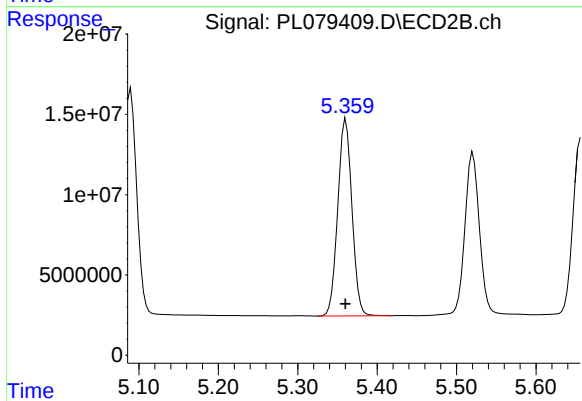
#13 Dieldrin

R.T.: 5.090 min  
Delta R.T.: 0.000 min  
Response: 170101298  
Conc: 50.46 ng/ml



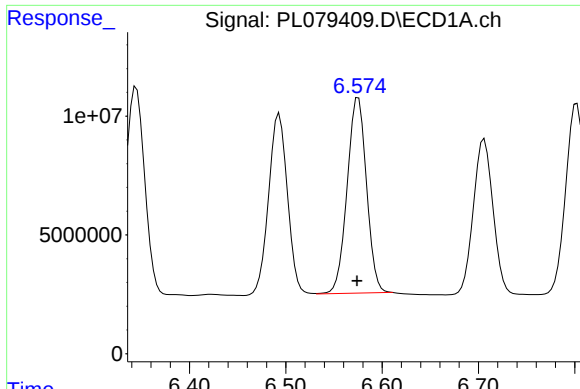
#14 Endrin

R.T.: 6.345 min  
Delta R.T.: 0.000 min  
Response: 123581391  
Conc: 51.08 ng/ml



#14 Endrin

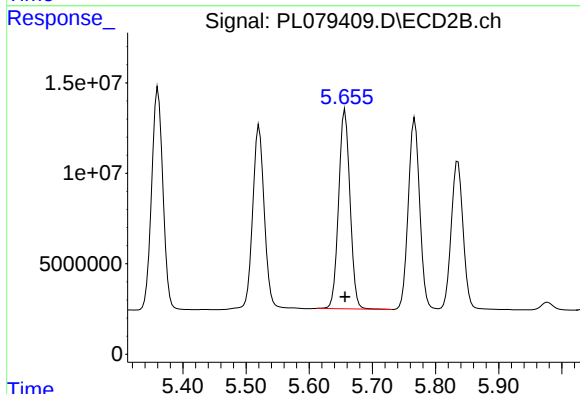
R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 152330251  
Conc: 50.36 ng/ml



#15 Endosulfan II

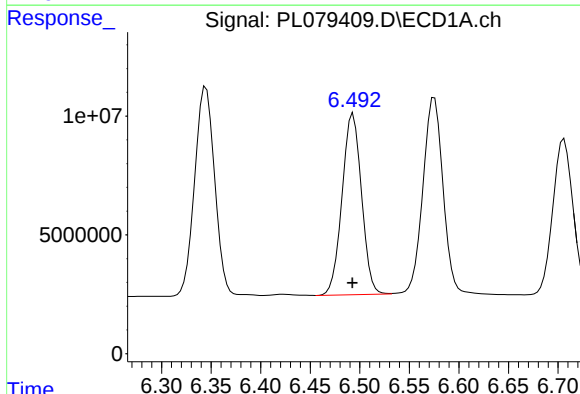
R.T.: 6.575 min  
Delta R.T.: 0.001 min  
Response: 114749201  
Conc: 50.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



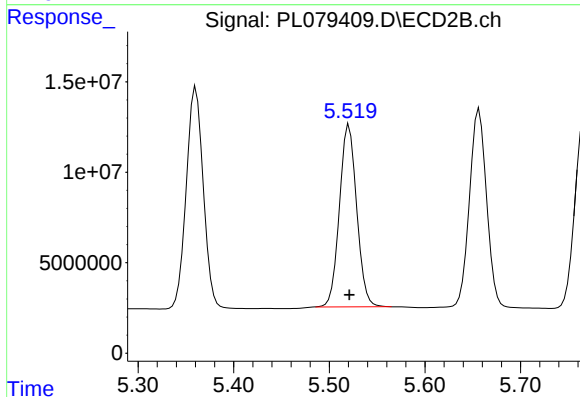
#15 Endosulfan II

R.T.: 5.657 min  
Delta R.T.: 0.000 min  
Response: 137807355  
Conc: 49.25 ng/ml



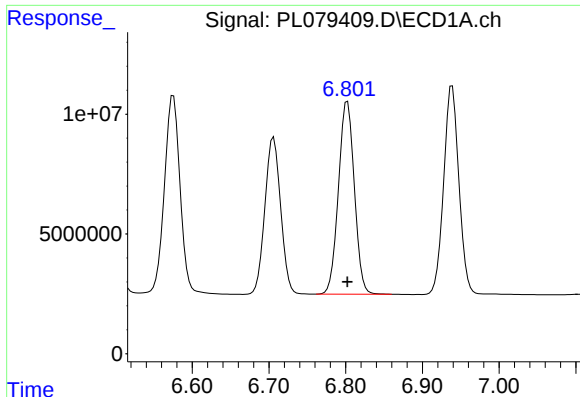
#16 4,4'-DDD

R.T.: 6.493 min  
Delta R.T.: 0.000 min  
Response: 103979354  
Conc: 52.41 ng/ml



#16 4,4'-DDD

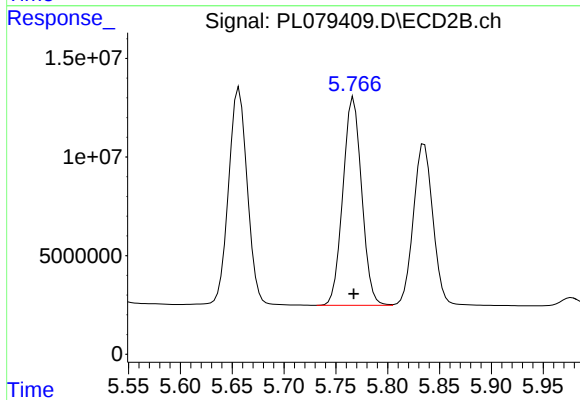
R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 126386769  
Conc: 50.52 ng/ml



#17 4,4'-DDT

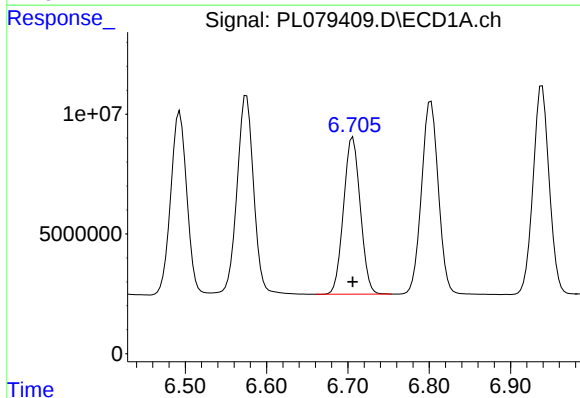
R.T.: 6.802 min  
Delta R.T.: 0.000 min  
Response: 116166762  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



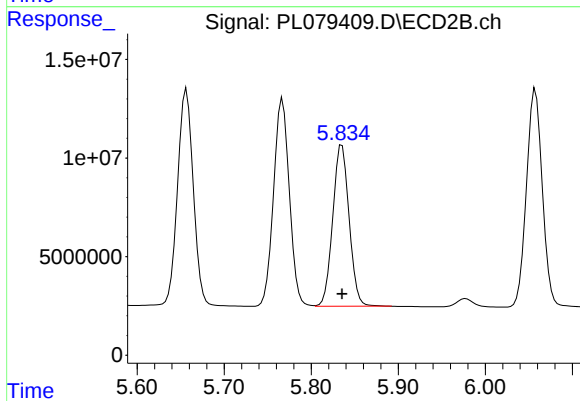
#17 4,4'-DDT

R.T.: 5.767 min  
Delta R.T.: 0.000 min  
Response: 132999989  
Conc: 50.89 ng/ml



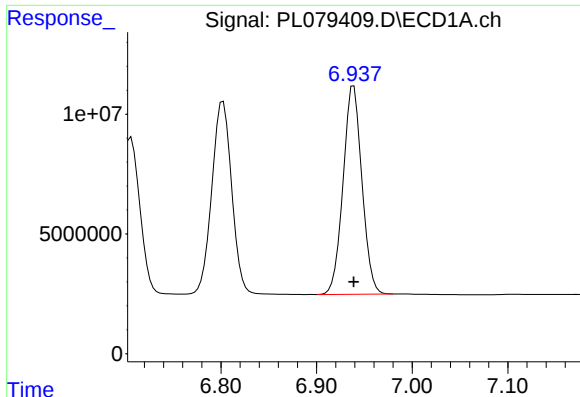
#18 Endrin aldehyde

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 93399161  
Conc: 51.57 ng/ml



#18 Endrin aldehyde

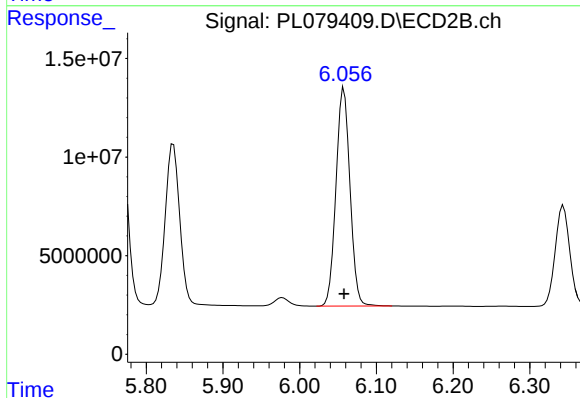
R.T.: 5.835 min  
Delta R.T.: 0.000 min  
Response: 106842939  
Conc: 50.20 ng/ml



#19 Endosulfan Sulfate

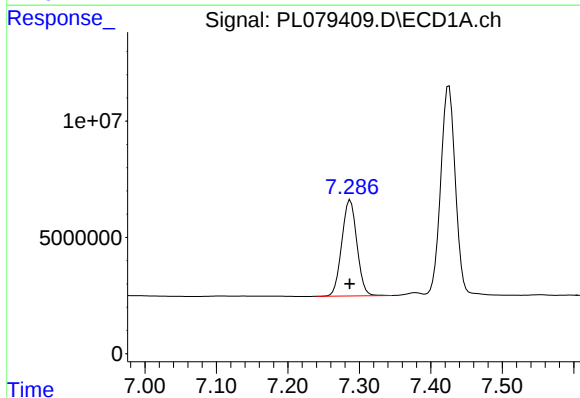
R.T.: 6.939 min  
Delta R.T.: 0.000 min  
Response: 119516800  
Conc: 51.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



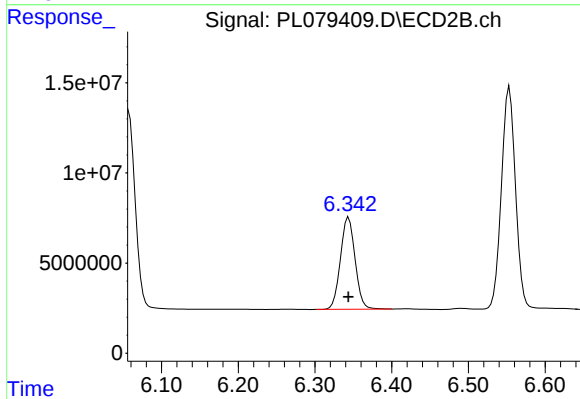
#19 Endosulfan Sulfate

R.T.: 6.058 min  
Delta R.T.: 0.000 min  
Response: 140374633  
Conc: 49.75 ng/ml



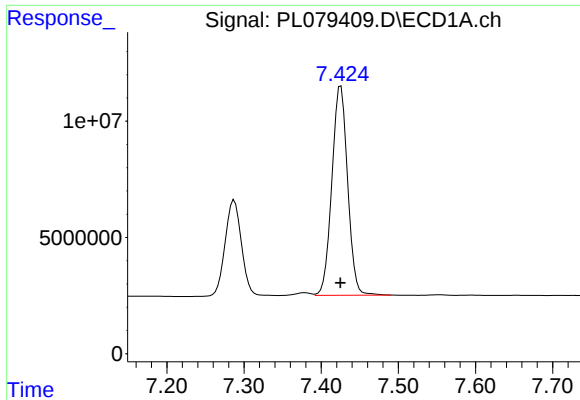
#20 Methoxychlor

R.T.: 7.287 min  
Delta R.T.: 0.000 min  
Response: 60685223  
Conc: 50.30 ng/ml



#20 Methoxychlor

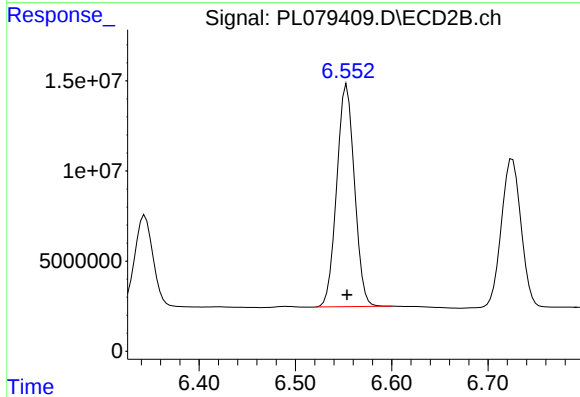
R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 67898729  
Conc: 49.96 ng/ml



#21 Endrin ketone

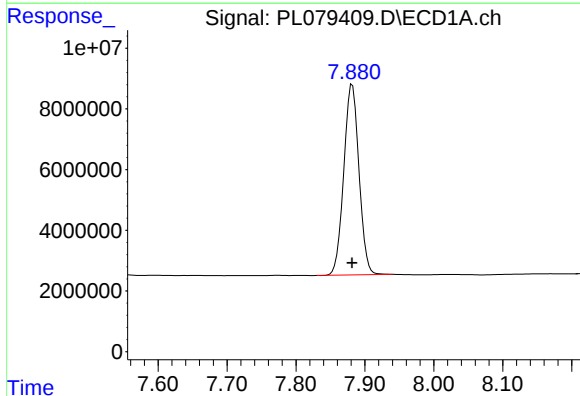
R.T.: 7.426 min  
Delta R.T.: 0.000 min  
Response: 128029255  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



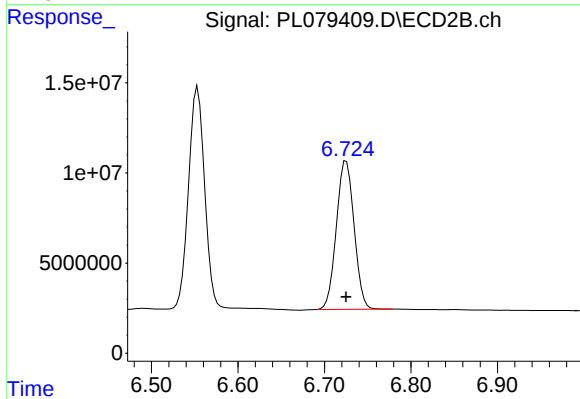
#21 Endrin ketone

R.T.: 6.554 min  
Delta R.T.: 0.000 min  
Response: 157662743  
Conc: 51.19 ng/ml



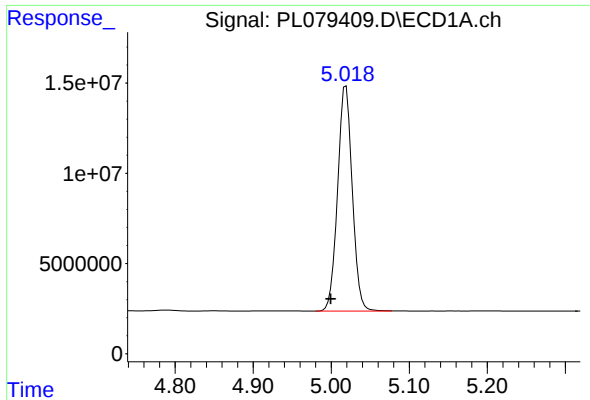
#22 Mirex

R.T.: 7.882 min  
Delta R.T.: 0.000 min  
Response: 96419394  
Conc: 50.90 ng/ml



#22 Mirex

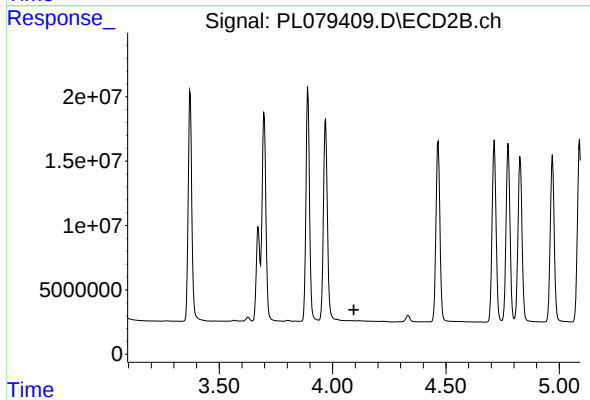
R.T.: 6.725 min  
Delta R.T.: 0.000 min  
Response: 116896898  
Conc: 49.43 ng/ml



#24 Chlordane-2

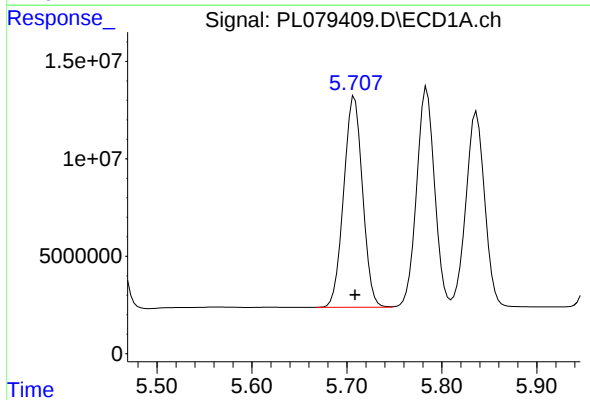
R.T.: 5.019 min  
Delta R.T.: 0.020 min  
Response: 162590187  
Conc: 1543.00 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



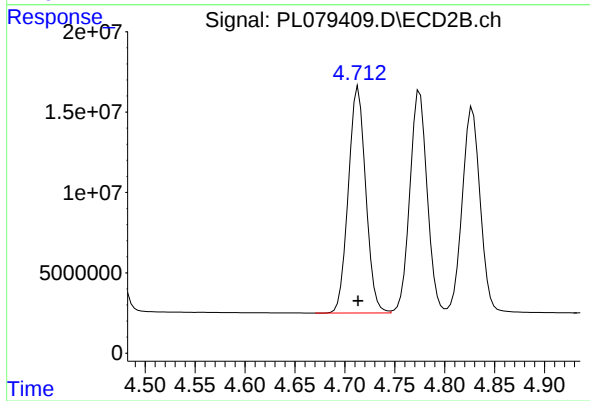
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.094 min  
Response: 0  
Conc: N.D.



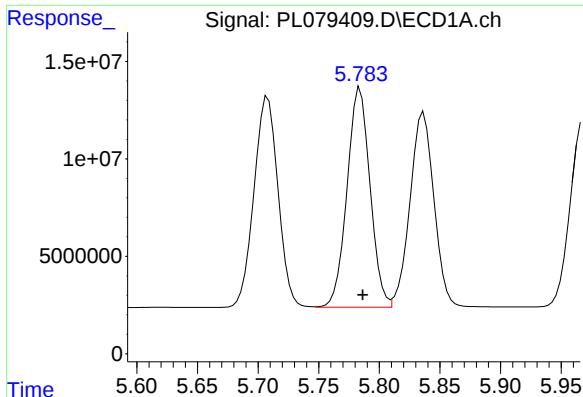
#25 Chlordane-3

R.T.: 5.708 min  
Delta R.T.: 0.000 min  
Response: 149399562  
Conc: 359.80 ng/ml



#25 Chlordane-3

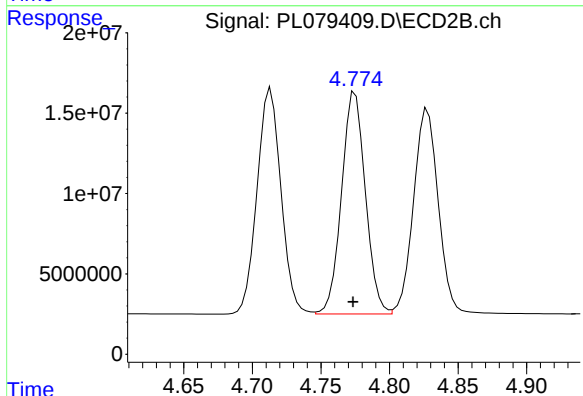
R.T.: 4.714 min  
Delta R.T.: 0.000 min  
Response: 170663909  
Conc: 510.51 ng/ml



#26 Chlordane-4

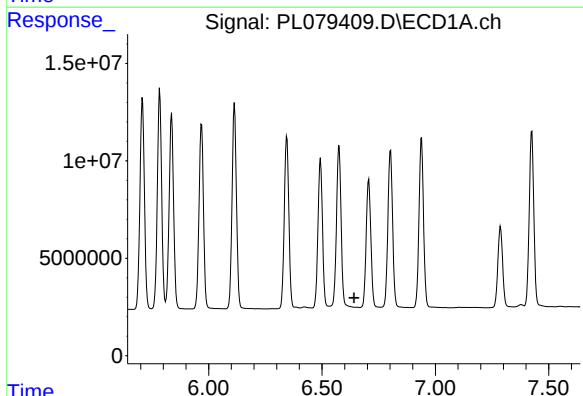
R.T.: 5.784 min  
Delta R.T.: -0.002 min  
Response: 148680324  
Conc: 292.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



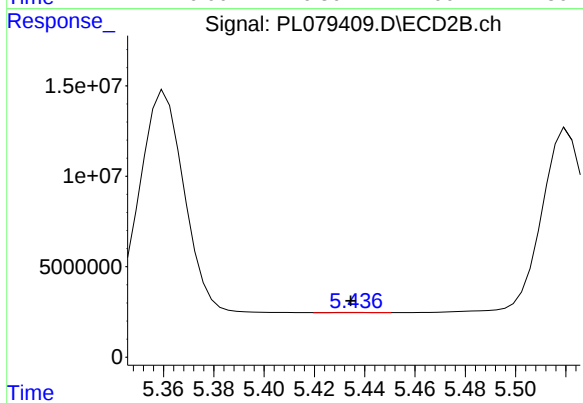
#26 Chlordane-4

R.T.: 4.775 min  
Delta R.T.: 0.001 min  
Response: 167319647  
Conc: 461.75 ng/ml



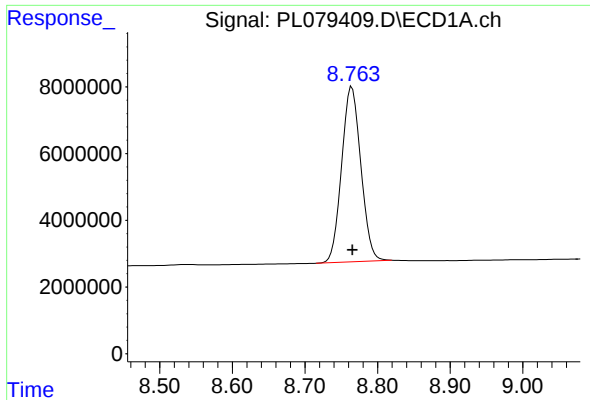
#27 Chlordane-5

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



#27 Chlordane-5

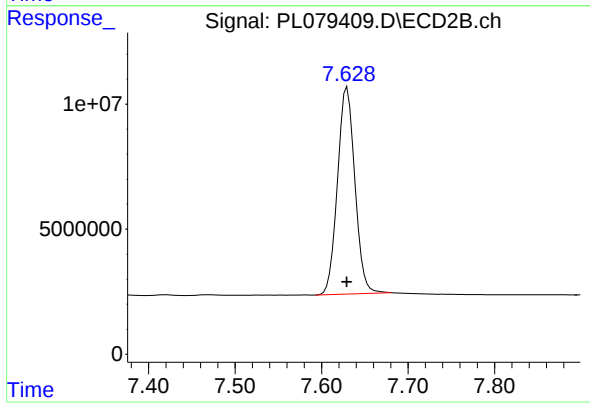
R.T.: 5.437 min  
Delta R.T.: 0.002 min  
Response: 131104  
Conc: 1.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.765 min  
Delta R.T.: 0.000 min  
Response: 96756030  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.630 min  
Delta R.T.: 0.000 min  
Response: 115000121  
Conc: 48.95 ng/ml