

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
 Data File : PL053746.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2019 14:46  
 Operator : SG\AJ  
 Sample : PB124309BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 15:28:19 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.542 | 4.044  | 212.8E6 | 51486278 | 19.634   | 20.575     |
| 28)                         | SA Decachlor... | 8.327 | 9.122  | 180.6E6 | 51961332 | 18.404   | 18.452     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.986 | 4.436  | 970.5E6 | 191.2E6  | 55.658   | 55.297     |
| 3)                          | MA gamma-BHC... | 4.273 | 4.721  | 884.8E6 | 180.1E6  | 56.813   | 55.934     |
| 4)                          | MA Heptachlor   | 4.579 | 5.231  | 912.6E6 | 177.6E6  | 57.819   | 55.122     |
| 5)                          | MB Aldrin       | 4.831 | 5.536  | 859.2E6 | 168.7E6  | 60.103   | 56.591     |
| 6)                          | B beta-BHC      | 4.523 | 4.891  | 365.7E6 | 81710632 | 55.492   | 52.900     |
| 7)                          | B delta-BHC     | 4.731 | 5.108  | 692.3E6 | 132.3E6  | 45.482   | 43.787     |
| 8)                          | B Heptachlo...  | 5.276 | 5.922  | 774.4E6 | 154.9E6  | 57.367   | 53.130     |
| 9)                          | A Endosulfan I  | 5.618 | 6.279  | 702.5E6 | 147.3E6  | 57.149   | 54.313     |
| 10)                         | B gamma-Chl...  | 5.505 | 6.156  | 776.9E6 | 156.3E6  | 56.943   | 53.577     |
| 11)                         | B alpha-Chl...  | 5.564 | 6.229  | 745.9E6 | 157.1E6  | 56.068   | 53.819     |
| 12)                         | B 4,4'-DDE      | 5.727 | 6.385  | 702.7E6 | 156.6E6  | 59.135   | 55.621     |
| 13)                         | MA Dieldrin     | 5.863 | 6.536  | 749.8E6 | 156.9E6  | 57.529   | 54.977     |
| 14)                         | MA Endrin       | 6.122 | 6.754  | 669.1E6 | 134.3E6  | 57.726   | 55.327     |
| 15)                         | B Endosulfa...  | 6.394 | 6.962  | 612.1E6 | 124.7E6  | 54.748   | 48.830     |
| 16)                         | A 4,4'-DDD      | 6.244 | 6.875  | 521.2E6 | 116.8E6  | 58.557   | 56.049     |
| 17)                         | MA 4,4'-DDT     | 6.486 | 7.173  | 569.5E6 | 126.4E6  | 57.484   | 54.672     |
| 18)                         | B Endrin al...  | 6.562 | 7.087  | 497.3E6 | 115.4E6  | 54.238   | 52.542     |
| 19)                         | B Endosulfa...  | 6.776 | 7.309  | 573.1E6 | 128.2E6  | 56.342   | 52.233     |
| 20)                         | A Methoxychlor  | 7.031 | 7.631  | 275.2E6 | 68051205 | 55.815   | 52.391     |
| 21)                         | B Endrin ke...  | 7.270 | 7.780  | 596.5E6 | 140.5E6  | 55.412   | 54.490     |
| 22)                         | Mirex           | 7.464 | 8.235  | 435.5E6 | 102.5E6  | 50.917   | 50.678     |
| 24)                         | Chlordane-2     | 0.000 | 5.536f | 0       | 168.7E6  | N.D.     | 1717.835 # |
| 25)                         | Chlordane-3     | 5.505 | 6.156  | 776.9E6 | 156.3E6  | 674.000  | 428.026 #  |
| 26)                         | Chlordane-4     | 5.564 | 6.229  | 745.9E6 | 157.1E6  | 795.671  | 349.958 #  |
| 27)                         | Chlordane-5     | 6.394 | 0.000  | 612.1E6 | 0        | 1674.496 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

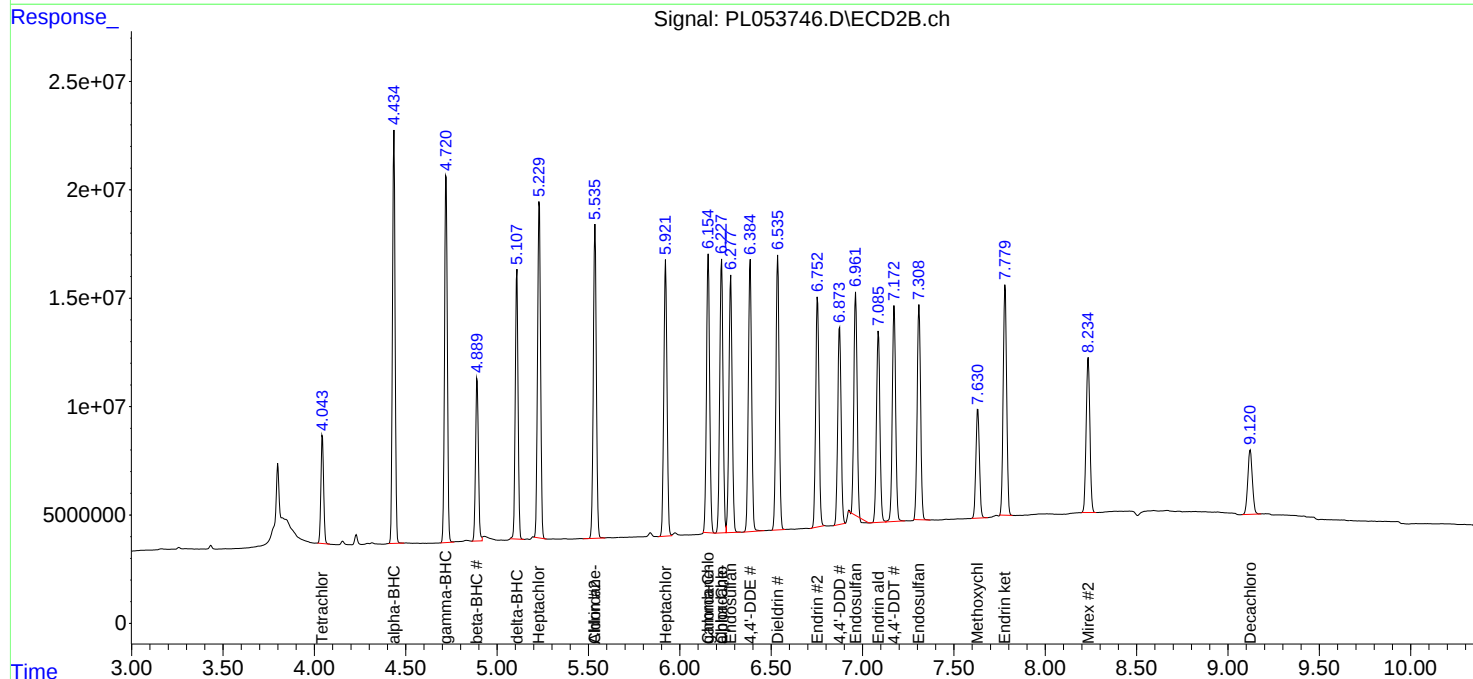
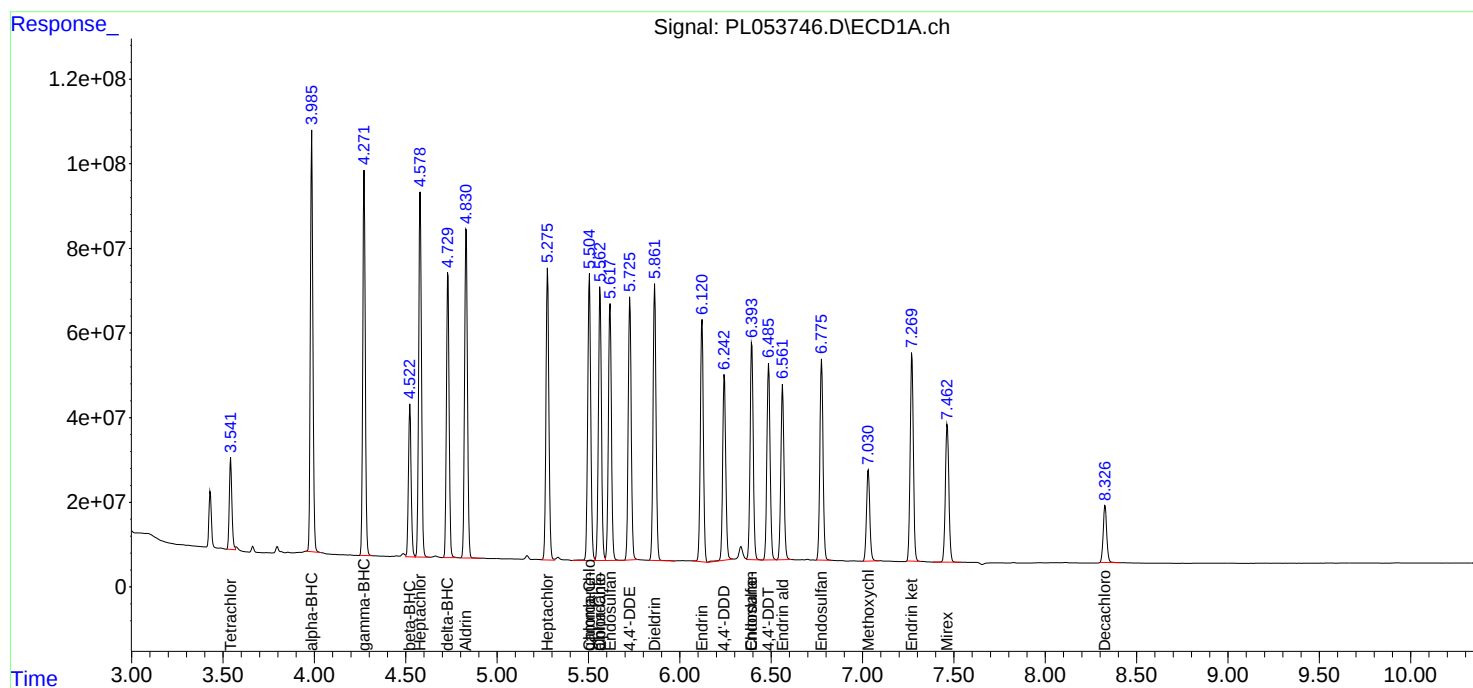
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

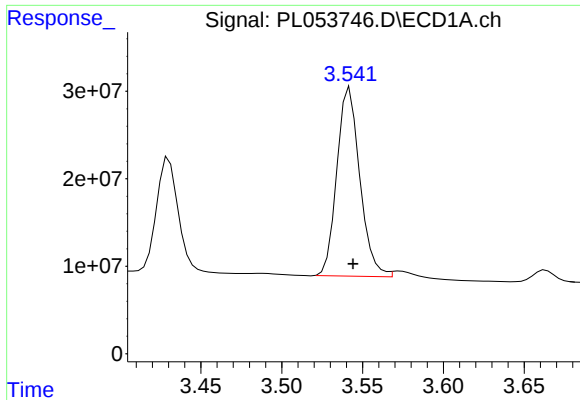
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
Data File : PL053746.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2019 14:46  
Operator : SG\AJ  
Sample : PB124309BS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 15:28:19 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

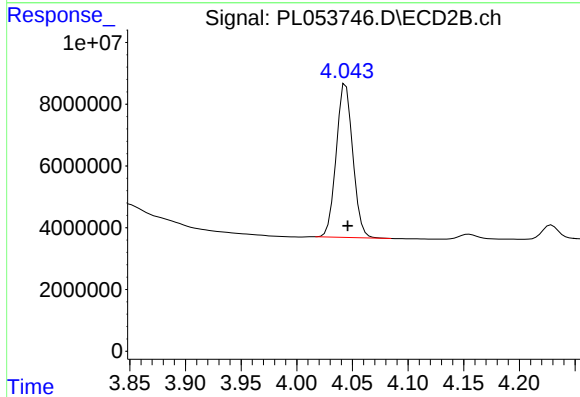




#1 Tetrachloro-m-xylene

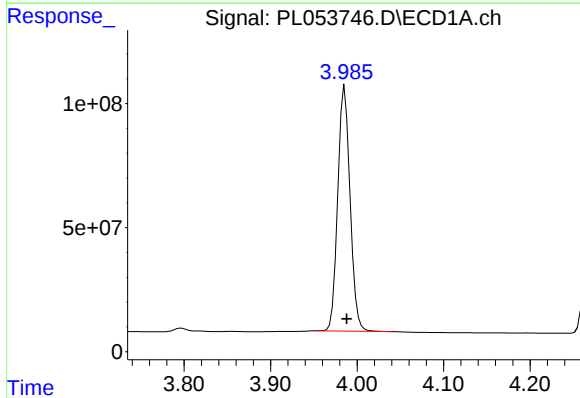
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 212819955  
Conc: 19.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



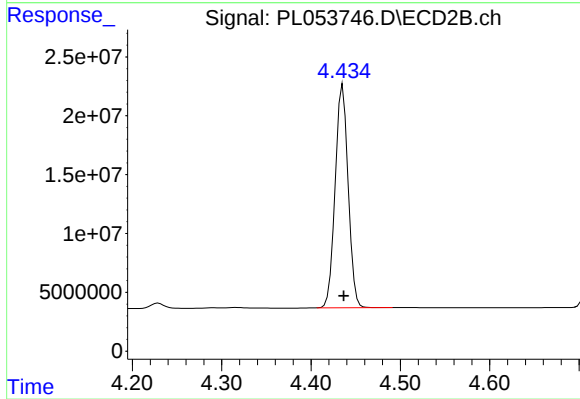
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 51486278  
Conc: 20.57 ng/ml



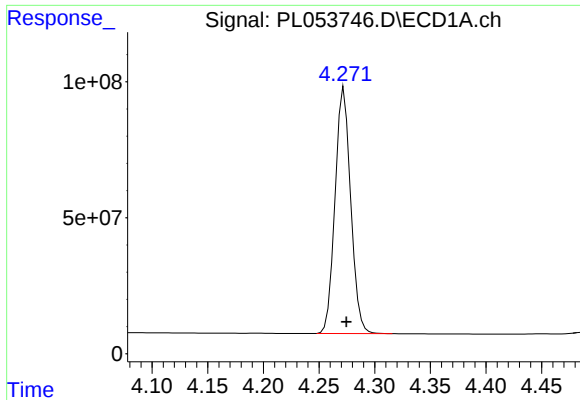
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 970482342  
Conc: 55.66 ng/ml



#2 alpha-BHC

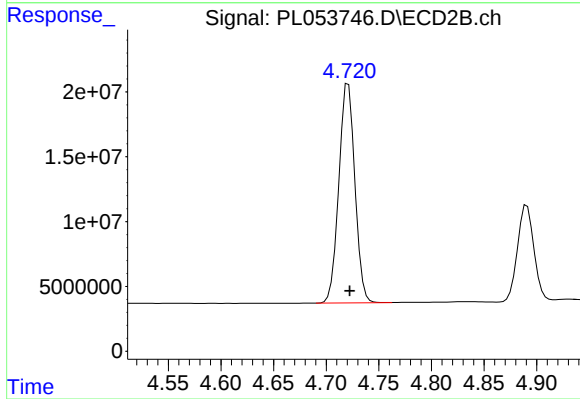
R.T.: 4.436 min  
Delta R.T.: -0.001 min  
Response: 191165989  
Conc: 55.30 ng/ml



#3 gamma-BHC (Lindane)

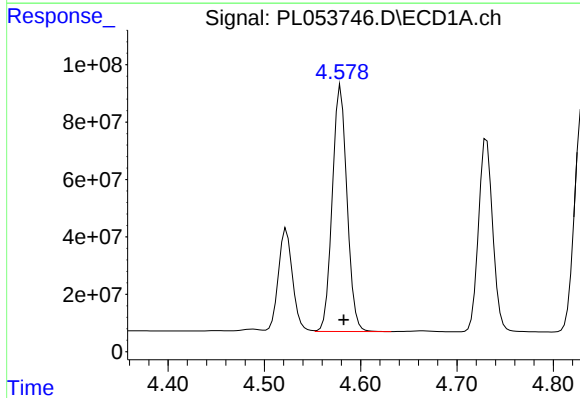
R.T.: 4.273 min  
Delta R.T.: -0.002 min  
Response: 884791013  
Conc: 56.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



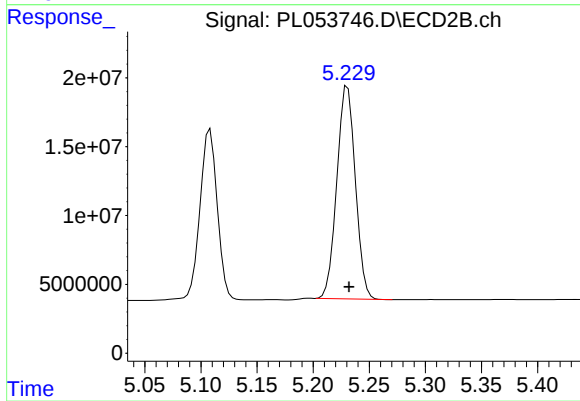
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 180127523  
Conc: 55.93 ng/ml



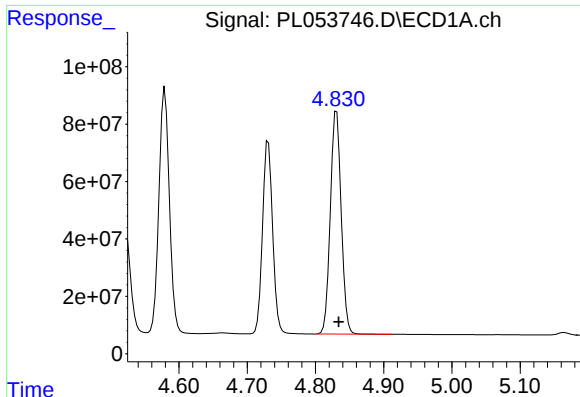
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 912555759  
Conc: 57.82 ng/ml



#4 Heptachlor

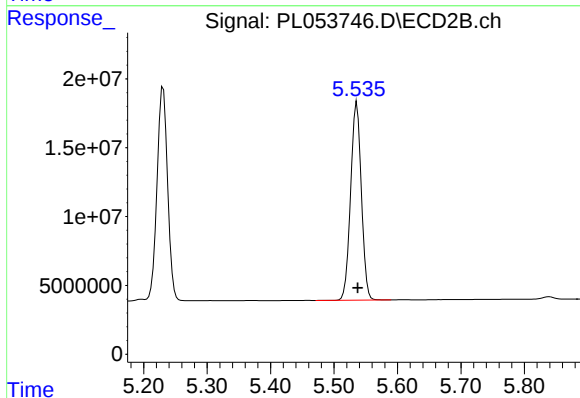
R.T.: 5.231 min  
Delta R.T.: -0.001 min  
Response: 177611609  
Conc: 55.12 ng/ml



#5 Aldrin

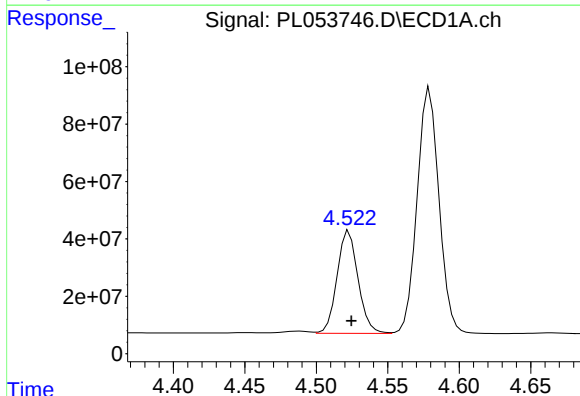
R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 859213434  
Conc: 60.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



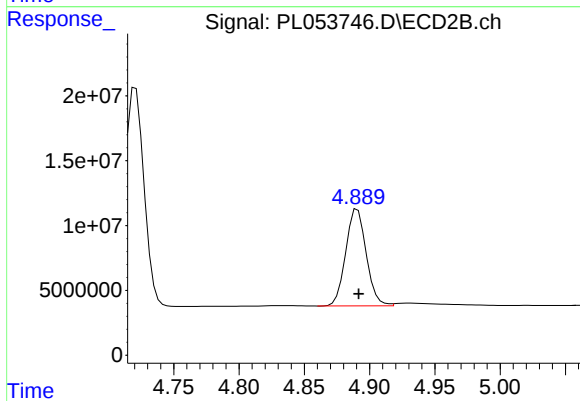
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.002 min  
Response: 168728258  
Conc: 56.59 ng/ml



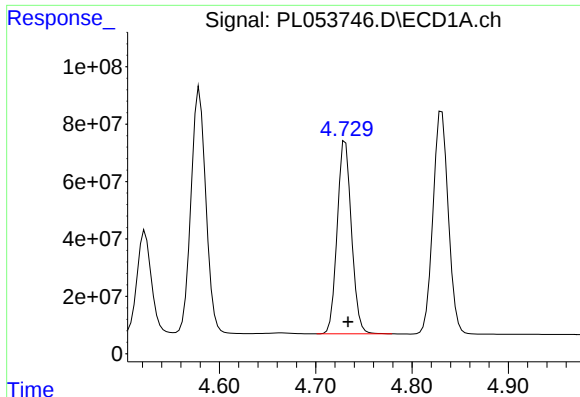
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 365686270  
Conc: 55.49 ng/ml



#6 beta-BHC

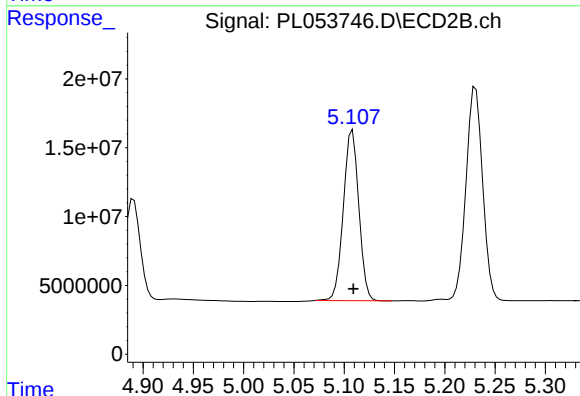
R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 81710632  
Conc: 52.90 ng/ml



#7 delta-BHC

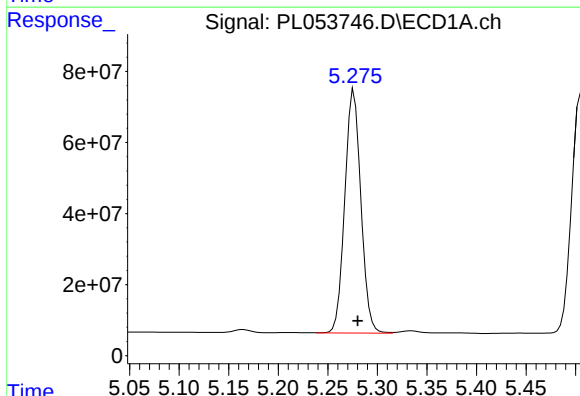
R.T.: 4.731 min  
Delta R.T.: -0.003 min  
Response: 692285447  
Conc: 45.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



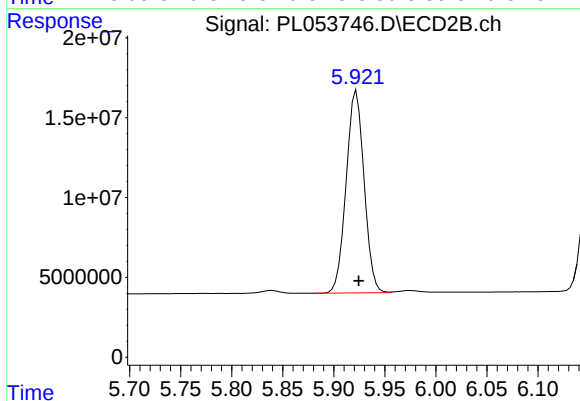
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 132262094  
Conc: 43.79 ng/ml



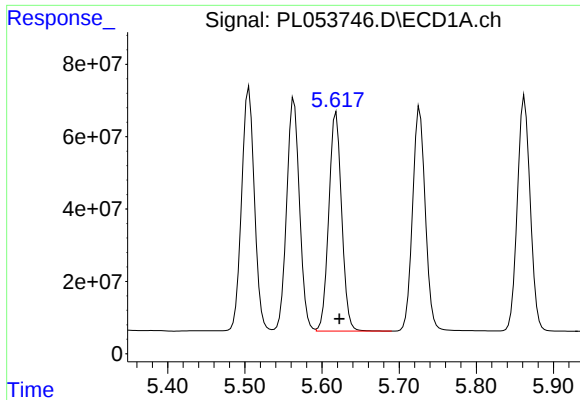
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: -0.004 min  
Response: 774406436  
Conc: 57.37 ng/ml



#8 Heptachlor epoxide

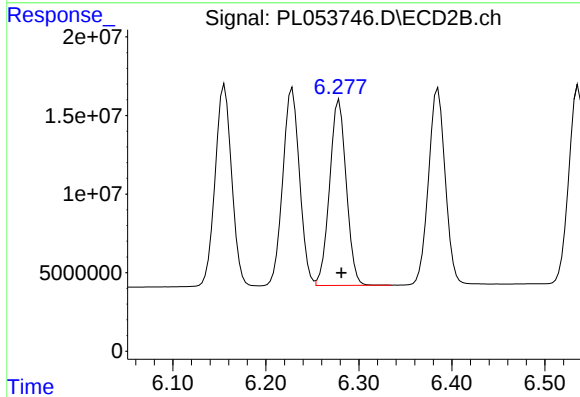
R.T.: 5.922 min  
Delta R.T.: -0.002 min  
Response: 154948152  
Conc: 53.13 ng/ml



#9 Endosulfan I

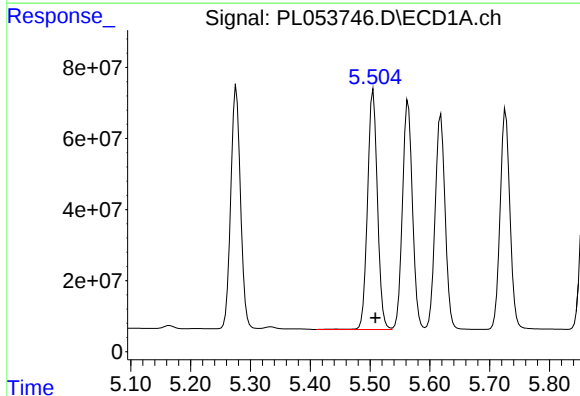
R.T.: 5.618 min  
Delta R.T.: -0.004 min  
Response: 702479689  
Conc: 57.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



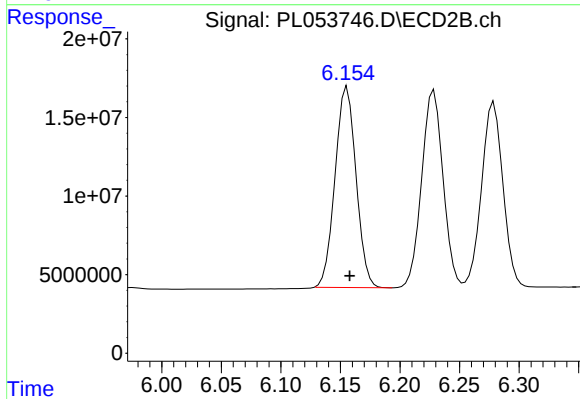
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 147255951  
Conc: 54.31 ng/ml



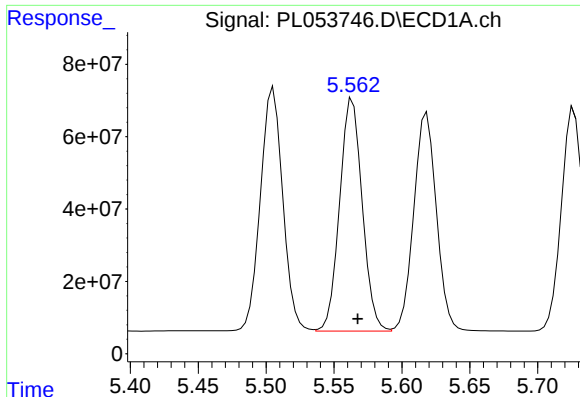
#10 gamma-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 776911024  
Conc: 56.94 ng/ml



#10 gamma-Chlordane

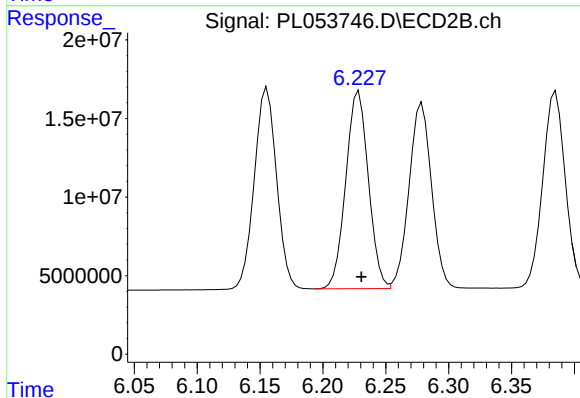
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 156328084  
Conc: 53.58 ng/ml



#11 alpha-Chlordane

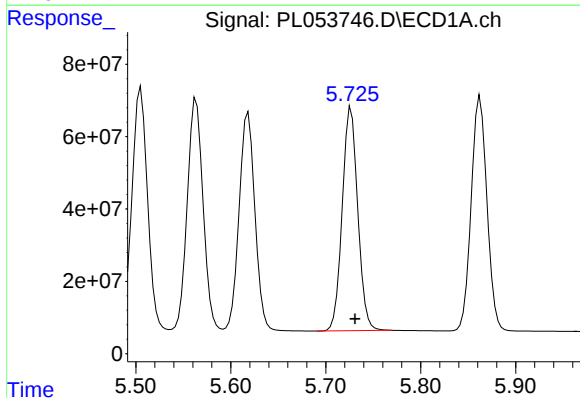
R.T.: 5.564 min  
Delta R.T.: -0.004 min  
Response: 745903677  
Conc: 56.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



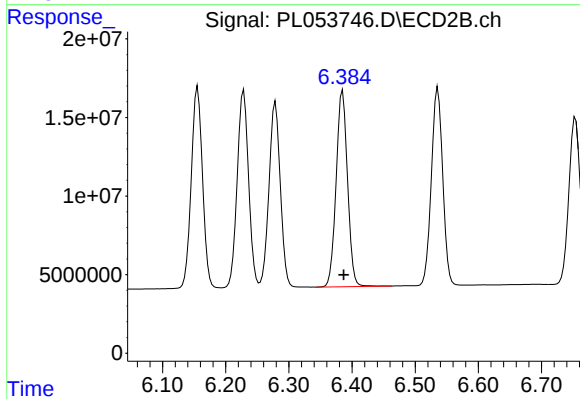
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 157109156  
Conc: 53.82 ng/ml



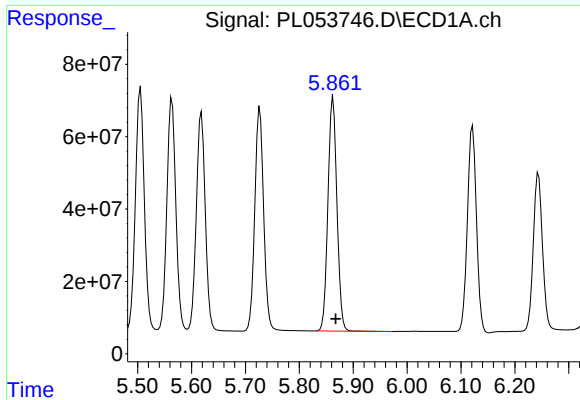
#12 4,4'-DDE

R.T.: 5.727 min  
Delta R.T.: -0.004 min  
Response: 702656894  
Conc: 59.14 ng/ml



#12 4,4'-DDE

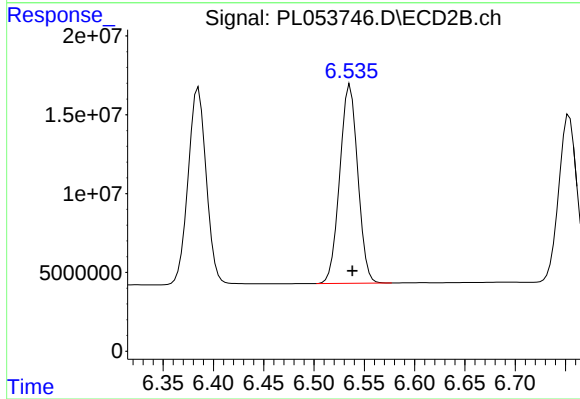
R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 156647055  
Conc: 55.62 ng/ml



#13 Dieldrin

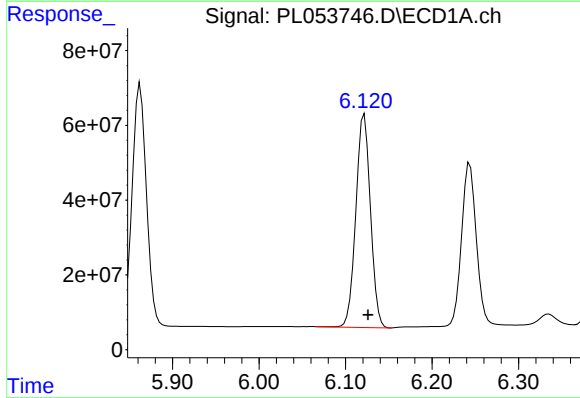
R.T.: 5.863 min  
Delta R.T.: -0.005 min  
Response: 749806621  
Conc: 57.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



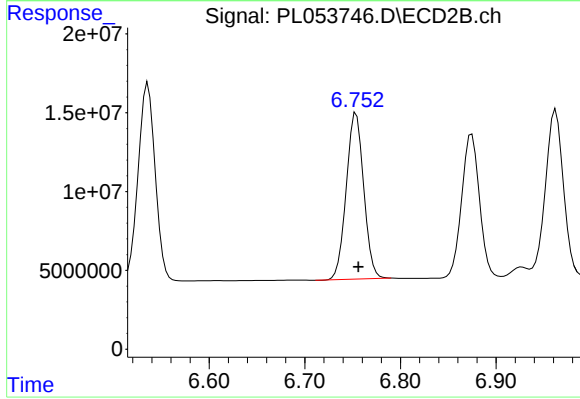
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: -0.002 min  
Response: 156885297  
Conc: 54.98 ng/ml



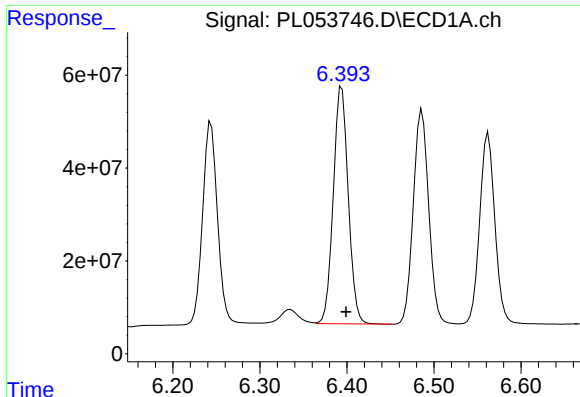
#14 Endrin

R.T.: 6.122 min  
Delta R.T.: -0.004 min  
Response: 669117869  
Conc: 57.73 ng/ml



#14 Endrin

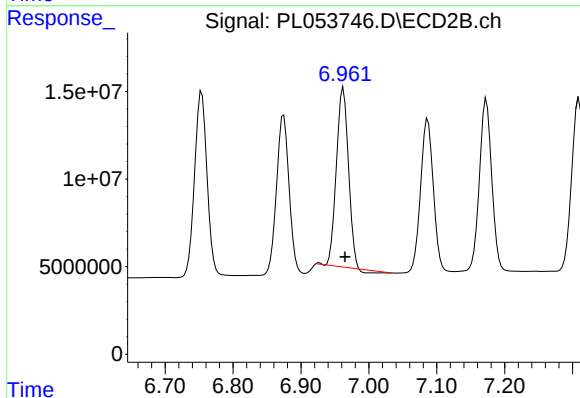
R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 134290038  
Conc: 55.33 ng/ml



#15 Endosulfan II

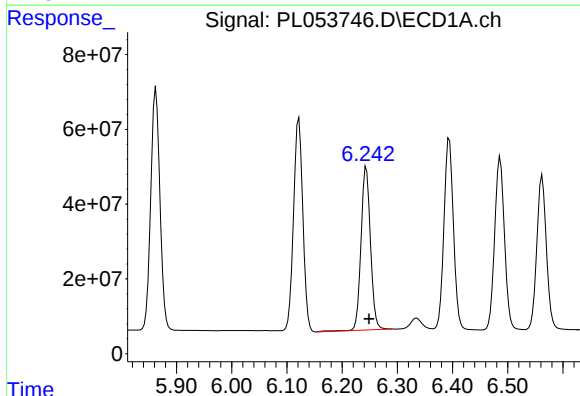
R.T.: 6.394 min  
Delta R.T.: -0.005 min  
Response: 612102495  
Conc: 54.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



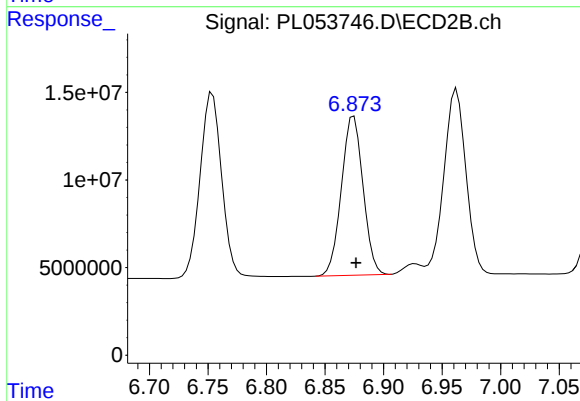
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: -0.003 min  
Response: 124736679  
Conc: 48.83 ng/ml



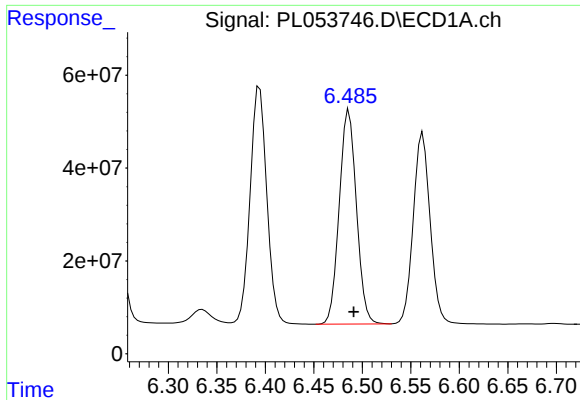
#16 4,4'-DDD

R.T.: 6.244 min  
Delta R.T.: -0.005 min  
Response: 521150027  
Conc: 58.56 ng/ml



#16 4,4'-DDD

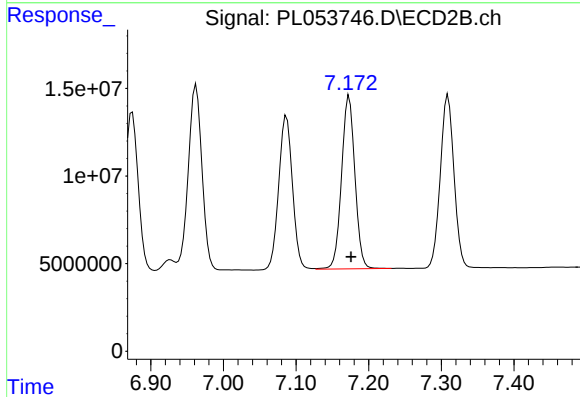
R.T.: 6.875 min  
Delta R.T.: -0.002 min  
Response: 116804952  
Conc: 56.05 ng/ml



#17 4,4'-DDT

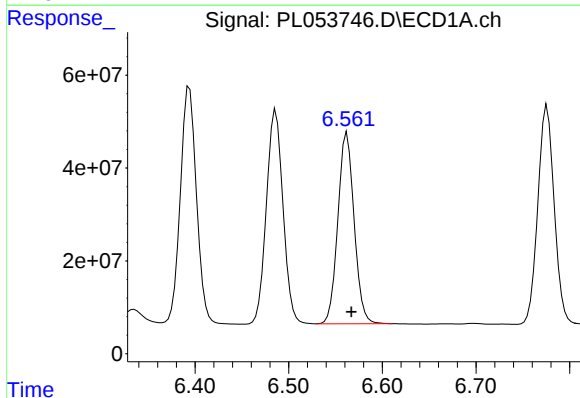
R.T.: 6.486 min  
Delta R.T.: -0.005 min  
Response: 569455665  
Conc: 57.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



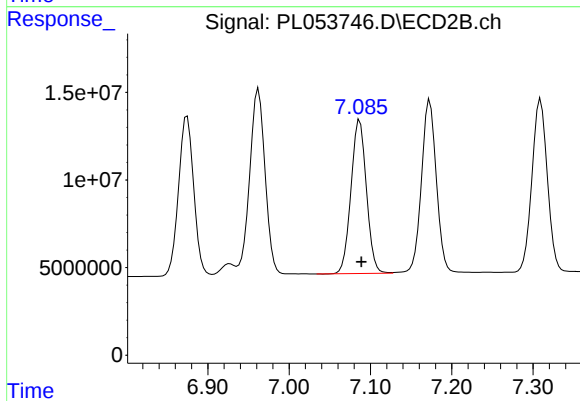
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 126428793  
Conc: 54.67 ng/ml



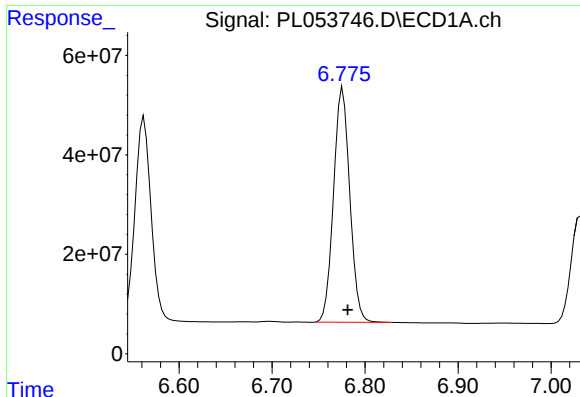
#18 Endrin aldehyde

R.T.: 6.562 min  
Delta R.T.: -0.005 min  
Response: 497318173  
Conc: 54.24 ng/ml



#18 Endrin aldehyde

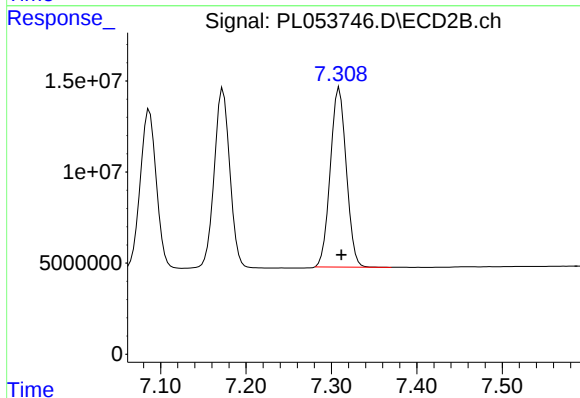
R.T.: 7.087 min  
Delta R.T.: -0.002 min  
Response: 115423758  
Conc: 52.54 ng/ml



#19 Endosulfan Sulfate

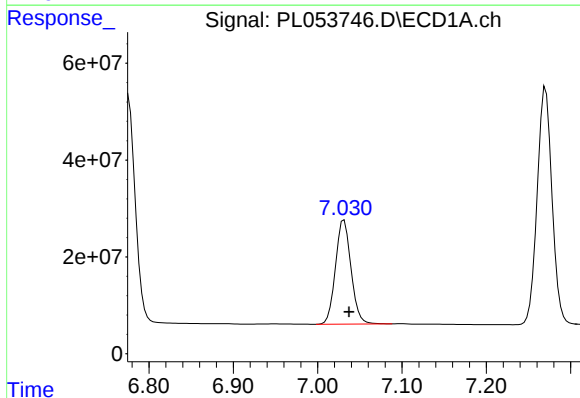
R.T.: 6.776 min  
Delta R.T.: -0.005 min  
Response: 573094237  
Conc: 56.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



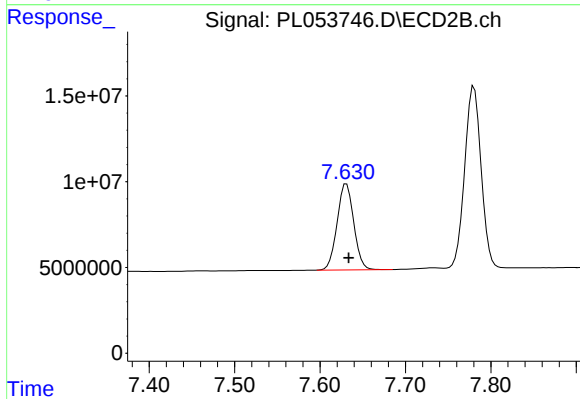
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: -0.002 min  
Response: 128159993  
Conc: 52.23 ng/ml



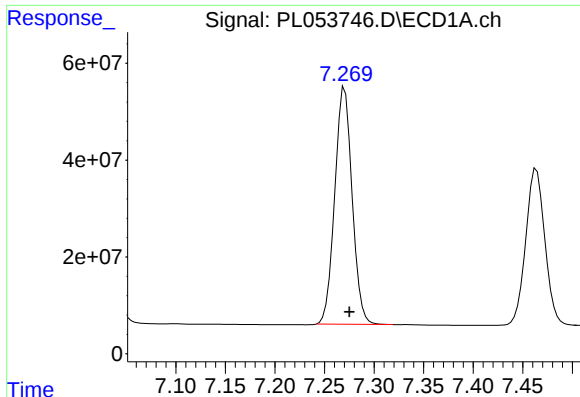
#20 Methoxychlor

R.T.: 7.031 min  
Delta R.T.: -0.006 min  
Response: 275189530  
Conc: 55.82 ng/ml



#20 Methoxychlor

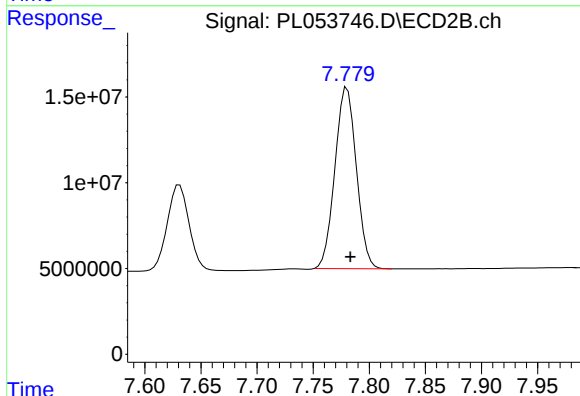
R.T.: 7.631 min  
Delta R.T.: -0.002 min  
Response: 68051205  
Conc: 52.39 ng/ml



#21 Endrin ketone

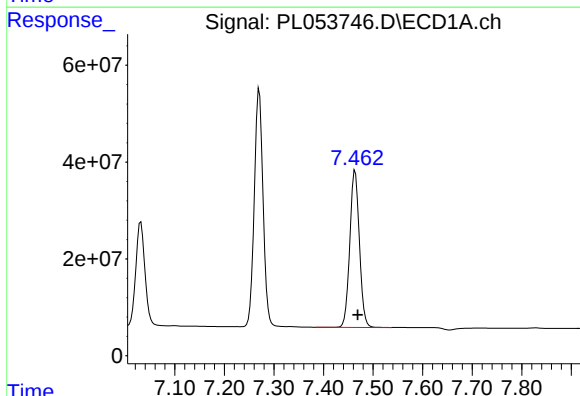
R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 596518625  
Conc: 55.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



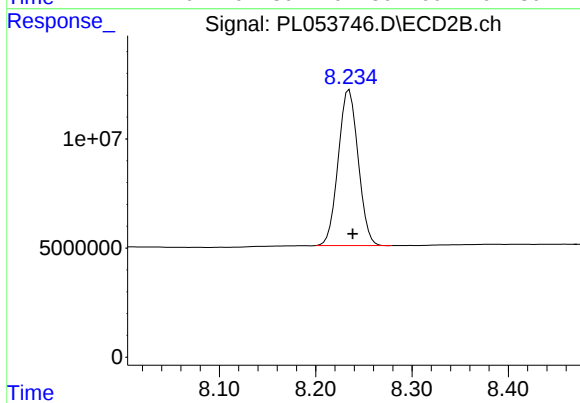
#21 Endrin ketone

R.T.: 7.780 min  
Delta R.T.: -0.003 min  
Response: 140501658  
Conc: 54.49 ng/ml



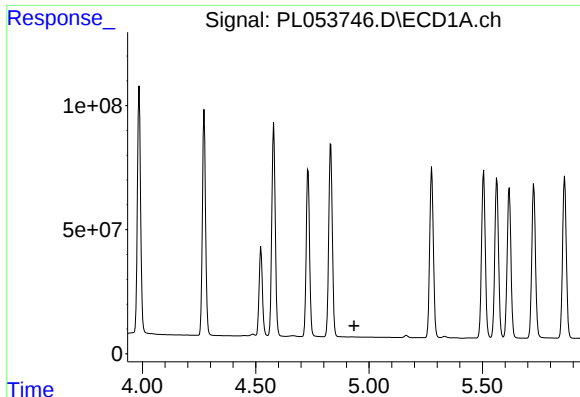
#22 Mirex

R.T.: 7.464 min  
Delta R.T.: -0.005 min  
Response: 435493703  
Conc: 50.92 ng/ml



#22 Mirex

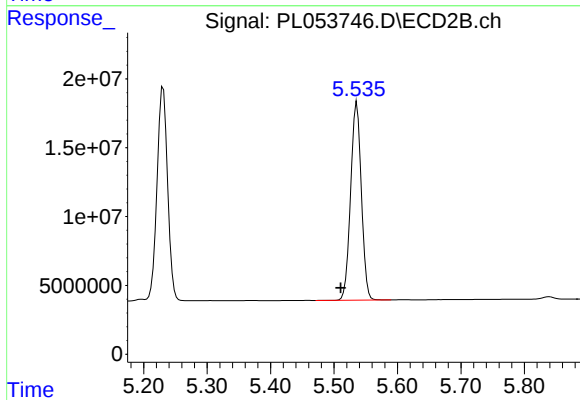
R.T.: 8.235 min  
Delta R.T.: -0.004 min  
Response: 102524313  
Conc: 50.68 ng/ml



#24 Chlordane-2

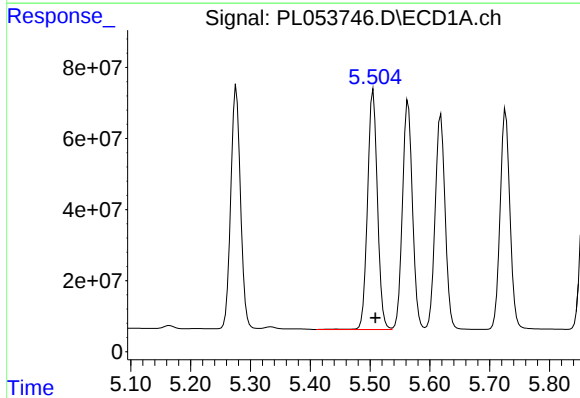
R.T.: 0.000 min  
Exp R.T.: 4.934 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



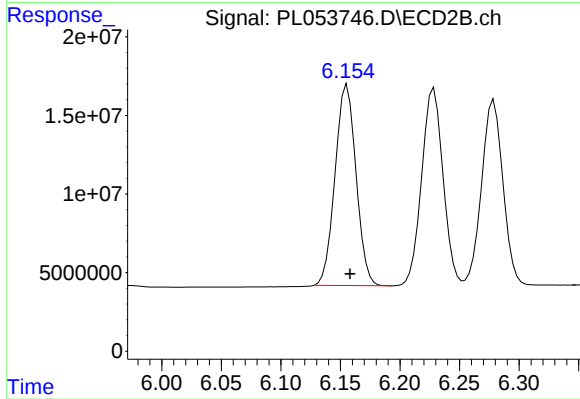
#24 Chlordane-2

R.T.: 5.536 min  
Delta R.T.: 0.026 min  
Response: 168728258  
Conc: 1717.83 ng/ml



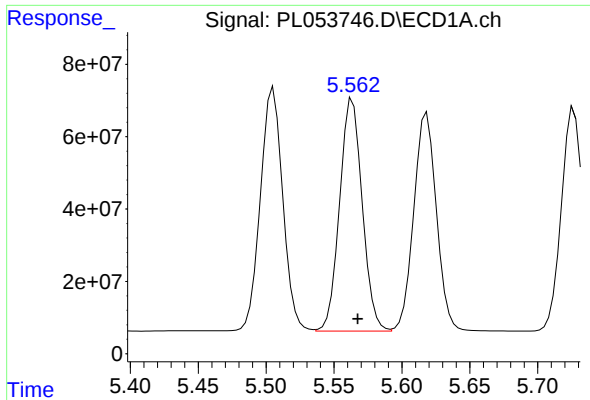
#25 Chlordane-3

R.T.: 5.505 min  
Delta R.T.: -0.003 min  
Response: 776911024  
Conc: 674.00 ng/ml



#25 Chlordane-3

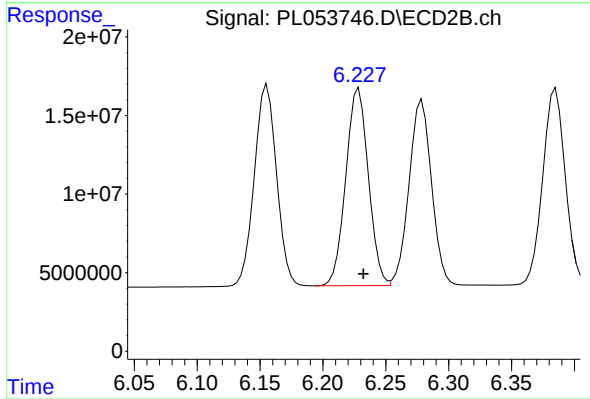
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 156328084  
Conc: 428.03 ng/ml



#26 Chlordane-4

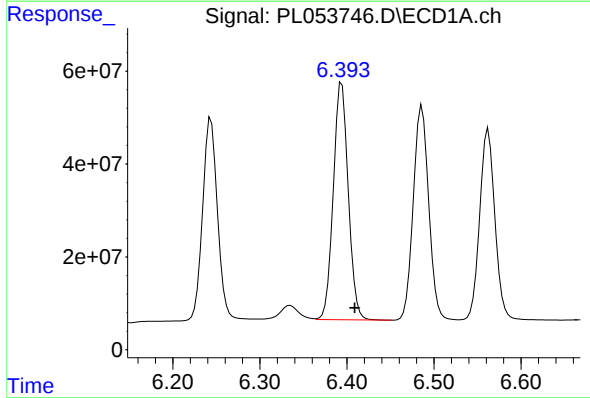
R.T.: 5.564 min  
Delta R.T.: -0.004 min  
Response: 745903677  
Conc: 795.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



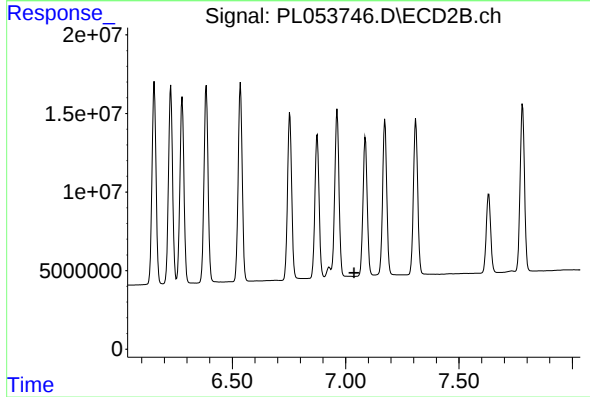
#26 Chlordane-4

R.T.: 6.229 min  
Delta R.T.: -0.004 min  
Response: 157109156  
Conc: 349.96 ng/ml



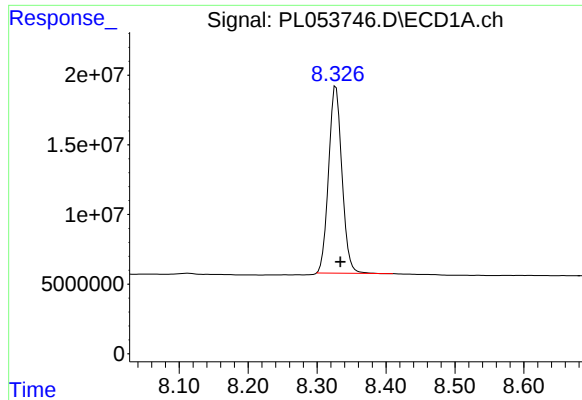
#27 Chlordane-5

R.T.: 6.394 min  
Delta R.T.: -0.015 min  
Response: 612102495  
Conc: 1674.50 ng/ml



#27 Chlordane-5

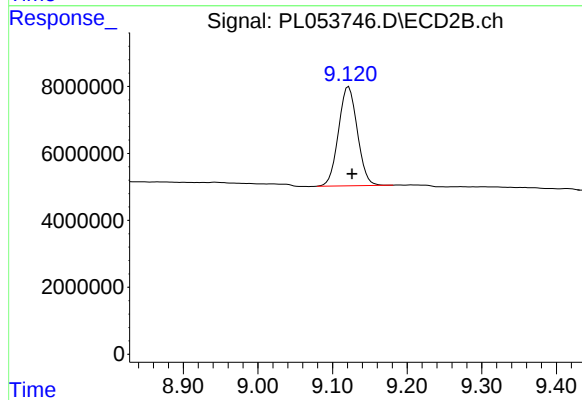
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.327 min  
Delta R.T.: -0.007 min  
Response: 180568026  
Conc: 18.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.005 min  
Response: 51961332  
Conc: 18.45 ng/ml