

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100118\  
 Data File : PL040539.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Oct 2018 17:55  
 Operator : AJ\SJ  
 Sample : J5170-06MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 02 00:59:55 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.209 | 3.806 | 191.3E6 | 70986200 | 26.140   | 22.480     |
| 28)                         | SA Decachlor... | 7.809 | 8.728 | 211.5E6 | 68750510 | 22.246   | 21.710     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.631 | 4.177 | 748.8E6 | 266.6E6  | 63.999   | 56.240     |
| 3)                          | MA gamma-BHC... | 3.900 | 4.451 | 693.3E6 | 242.9E6  | 63.768   | 53.531     |
| 4)                          | MA Heptachlor   | 4.174 | 4.949 | 662.5E6 | 206.6E6  | 56.304   | 48.645     |
| 5)                          | MB Aldrin       | 4.405 | 5.245 | 597.1E6 | 187.1E6  | 56.510   | 44.340     |
| 6)                          | B beta-BHC      | 4.154 | 4.614 | 266.7E6 | 105.6E6  | 63.186   | 52.870     |
| 7)                          | B delta-BHC     | 4.340 | 4.823 | 727.6E6 | 239.9E6  | 65.191   | 51.966     |
| 8)                          | B Heptachlo...  | 4.836 | 5.621 | 615.3E6 | 184.5E6  | 59.441   | 48.058     |
| 9)                          | A Endosulfan I  | 5.159 | 5.969 | 578.1E6 | 177.6E6  | 57.349   | 47.735     |
| 10)                         | B gamma-Chl...  | 5.054 | 5.851 | 628.7E6 | 189.0E6  | 57.893   | 47.824     |
| 11)                         | B alpha-Chl...  | 5.109 | 5.924 | 604.9E6 | 188.6E6  | 57.735   | 48.058     |
| 12)                         | B 4,4'-DDE      | 5.278 | 6.082 | 608.6E6 | 187.2E6  | 55.063   | 46.494     |
| 13)                         | MA Dieldrin     | 5.395 | 6.220 | 614.6E6 | 187.7E6  | 56.111   | 49.138     |
| 14)                         | MA Endrin       | 5.644 | 6.432 | 555.3E6 | 167.6E6  | 55.902   | 51.292     |
| 15)                         | B Endosulfa...  | 5.918 | 6.635 | 531.9E6 | 164.6E6  | 53.387   | 47.082     |
| 16)                         | A 4,4'-DDD      | 5.784 | 6.560 | 489.2E6 | 145.5E6  | 52.994   | 45.809     |
| 17)                         | MA 4,4'-DDT     | 6.014 | 6.856 | 455.3E6 | 150.0E6  | 56.301   | 49.237     |
| 18)                         | B Endrin al...  | 6.084 | 6.757 | 412.9E6 | 139.6E6  | 49.175   | 46.650     |
| 19)                         | B Endosulfa...  | 6.294 | 6.978 | 503.7E6 | 151.3E6  | 52.628   | 47.046     |
| 20)                         | A Methoxychlor  | 6.560 | 7.313 | 262.7E6 | 76726085 | 54.385   | 50.347     |
| 21)                         | B Endrin ke...  | 6.769 | 7.436 | 541.0E6 | 156.4E6  | 49.863   | 50.865     |
| 23)                         | Chlordane-1     | 0.000 | 4.823 | 0       | 239.9E6  | N.D.     | 1554.213 # |
| 24)                         | Chlordane-2     | 0.000 | 5.245 | 0       | 187.1E6  | N.D.     | 1112.073 # |
| 25)                         | Chlordane-3     | 5.054 | 5.851 | 628.7E6 | 189.0E6  | 489.444  | 338.861 #  |
| 26)                         | Chlordane-4     | 5.109 | 5.924 | 604.9E6 | 188.6E6  | 510.477  | 285.772 #  |
| 27)                         | Chlordane-5     | 5.918 | 6.757 | 531.9E6 | 139.6E6  | 1317.652 | 1146.731   |
| -----                       |                 |       |       |         |          |          |            |

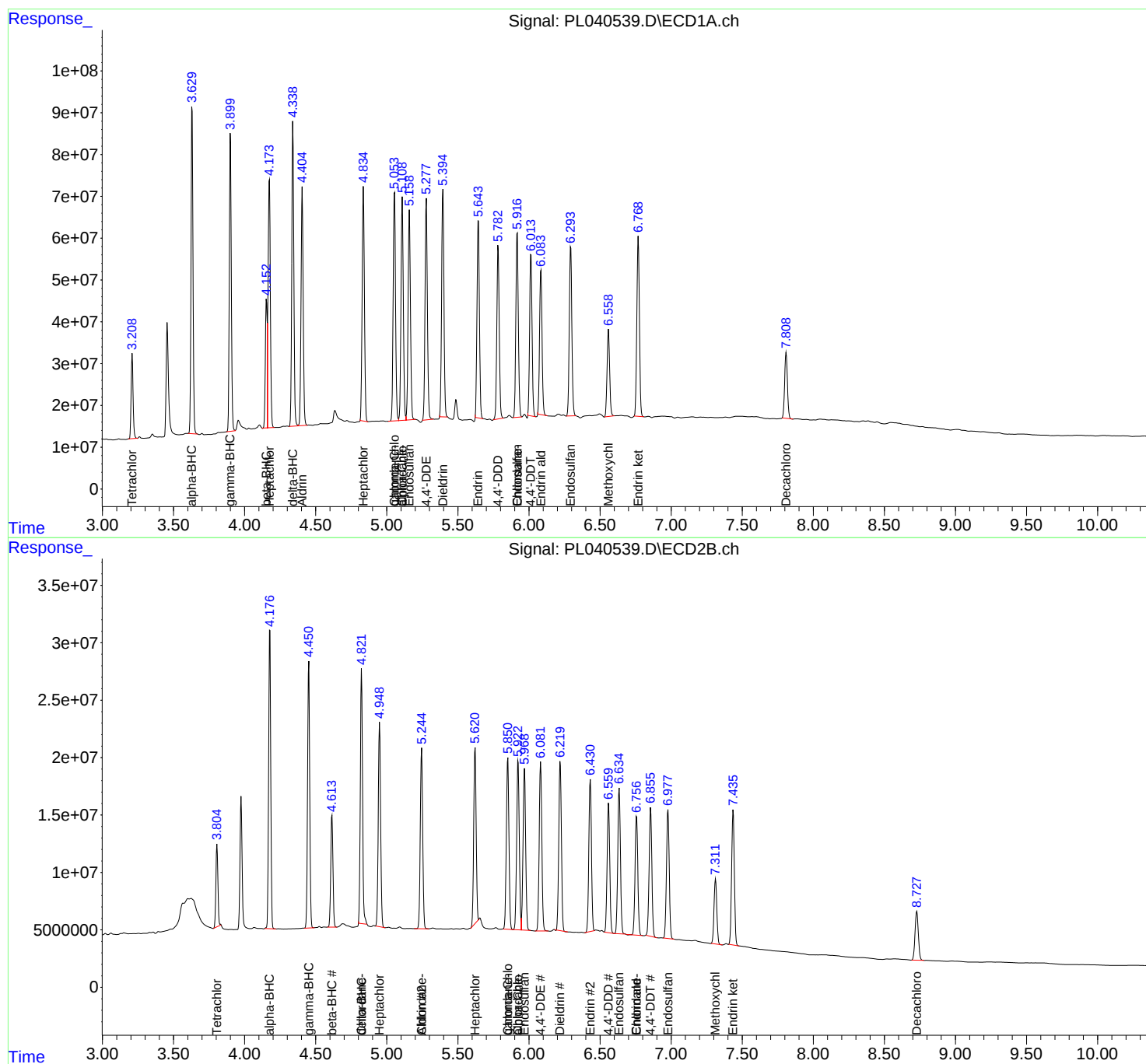
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

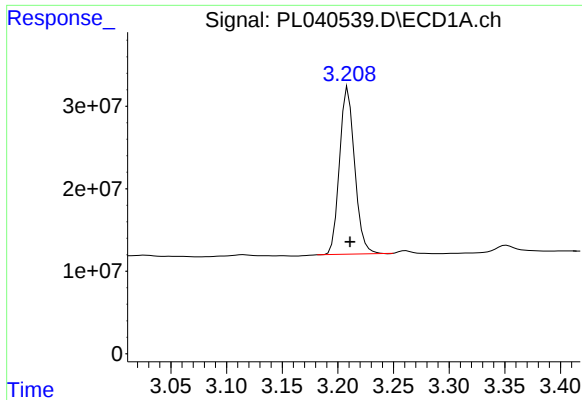
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100118\  
Data File : PL040539.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Oct 2018 17:55  
Operator : AJ\SJ  
Sample : J5170-06MS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 02 00:59:55 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

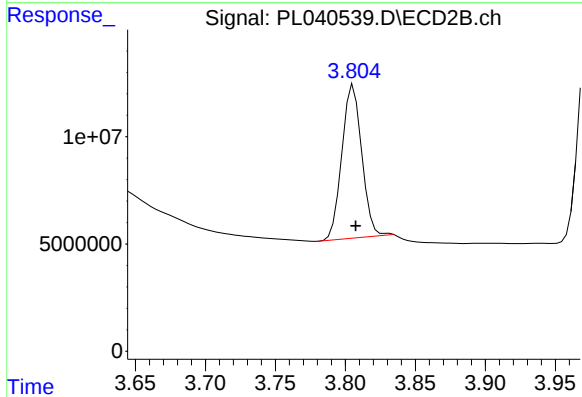




#1 Tetrachloro-m-xylene

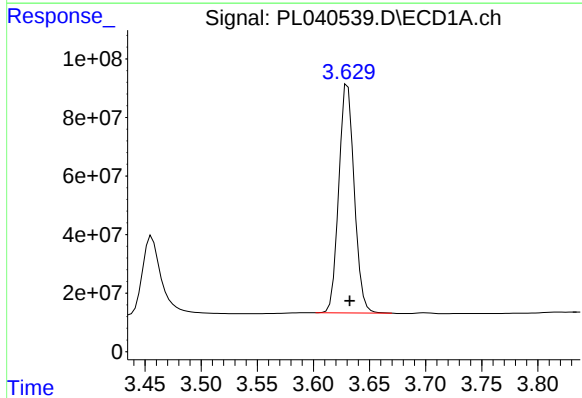
R.T.: 3.209 min  
Delta R.T.: -0.002 min  
Response: 191349167  
Conc: 26.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



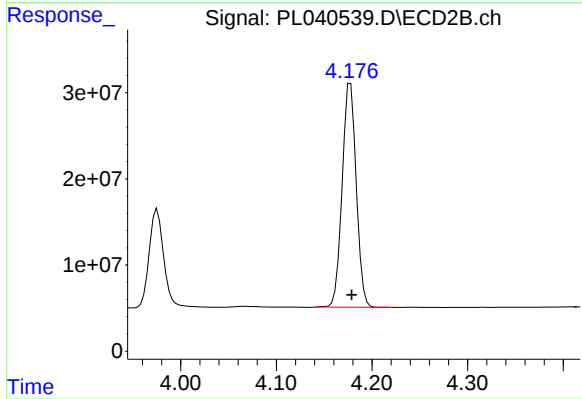
#1 Tetrachloro-m-xylene

R.T.: 3.806 min  
Delta R.T.: -0.002 min  
Response: 70986200  
Conc: 22.48 ng/ml



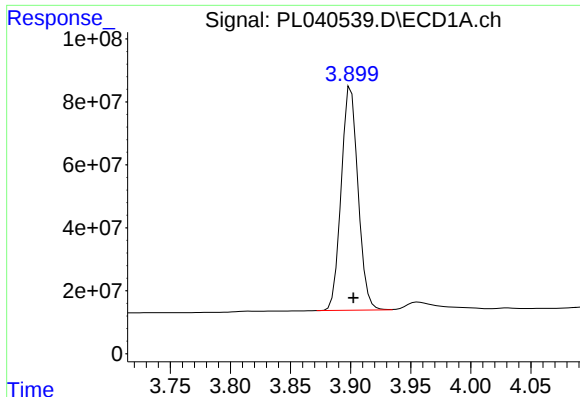
#2 alpha-BHC

R.T.: 3.631 min  
Delta R.T.: -0.002 min  
Response: 748823786  
Conc: 64.00 ng/ml



#2 alpha-BHC

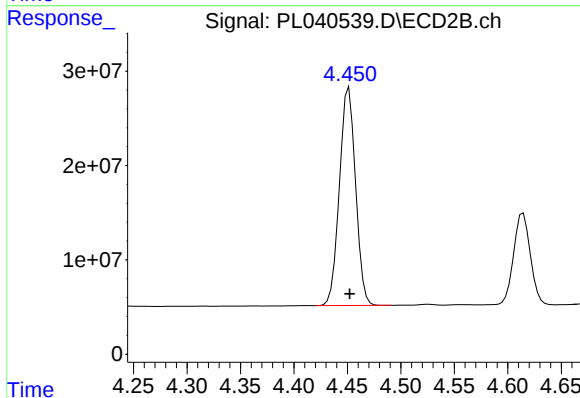
R.T.: 4.177 min  
Delta R.T.: -0.001 min  
Response: 266642170  
Conc: 56.24 ng/ml



#3 gamma-BHC (Lindane)

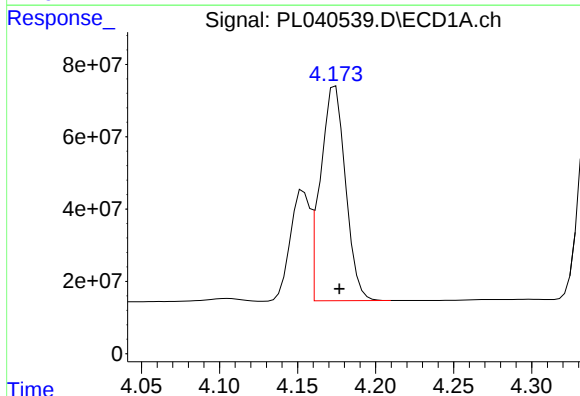
R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 693322510  
Conc: 63.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



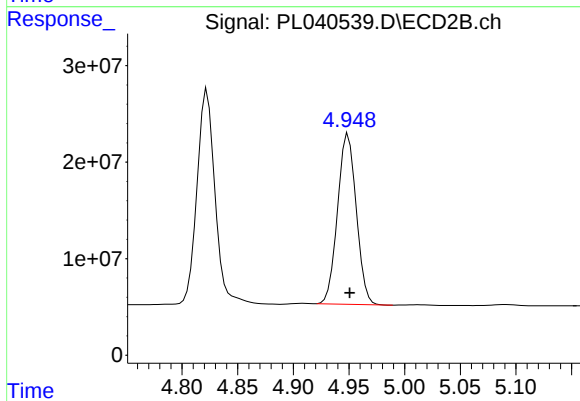
#3 gamma-BHC (Lindane)

R.T.: 4.451 min  
Delta R.T.: 0.000 min  
Response: 242936028  
Conc: 53.53 ng/ml



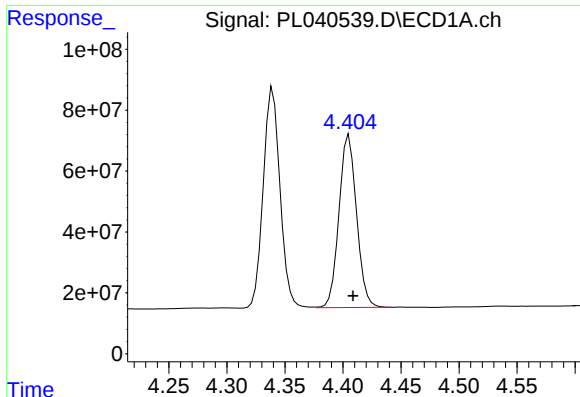
#4 Heptachlor

R.T.: 4.174 min  
Delta R.T.: -0.003 min  
Response: 662517570  
Conc: 56.30 ng/ml



#4 Heptachlor

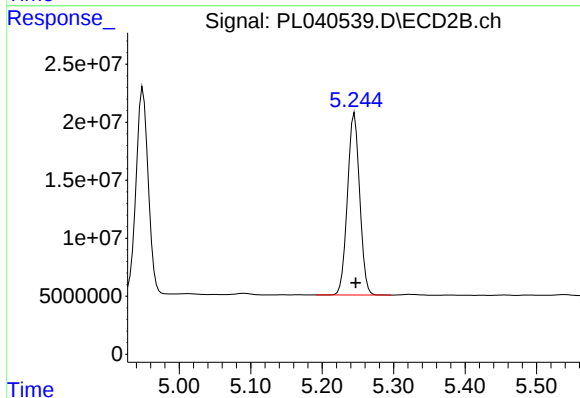
R.T.: 4.949 min  
Delta R.T.: -0.002 min  
Response: 206635377  
Conc: 48.64 ng/ml



#5 Aldrin

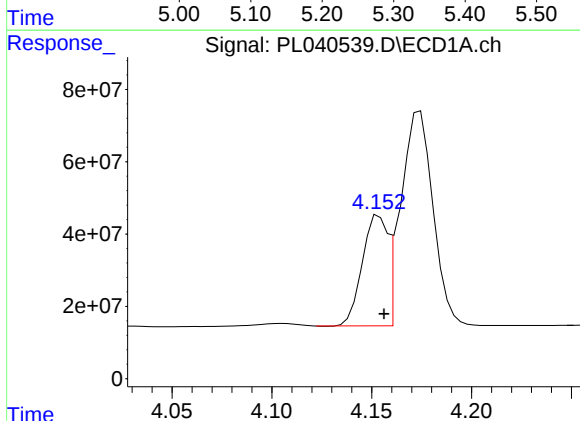
R.T.: 4.405 min  
Delta R.T.: -0.003 min  
Response: 597111554  
Conc: 56.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



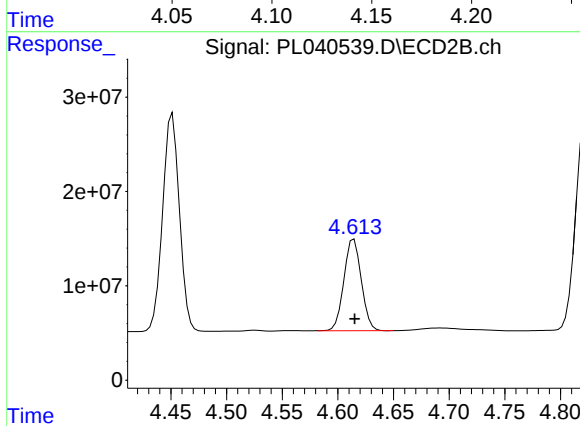
#5 Aldrin

R.T.: 5.245 min  
Delta R.T.: -0.002 min  
Response: 187126319  
Conc: 44.34 ng/ml



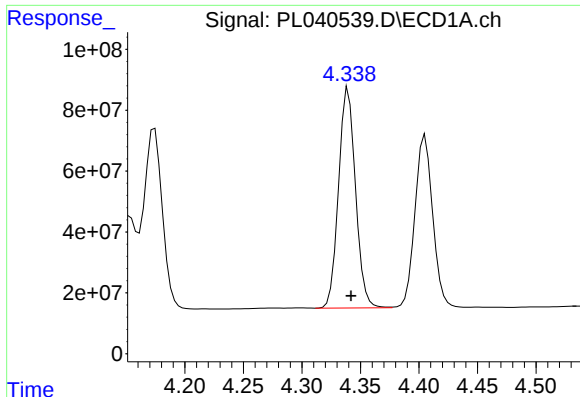
#6 beta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.002 min  
Response: 266702417  
Conc: 63.19 ng/ml



#6 beta-BHC

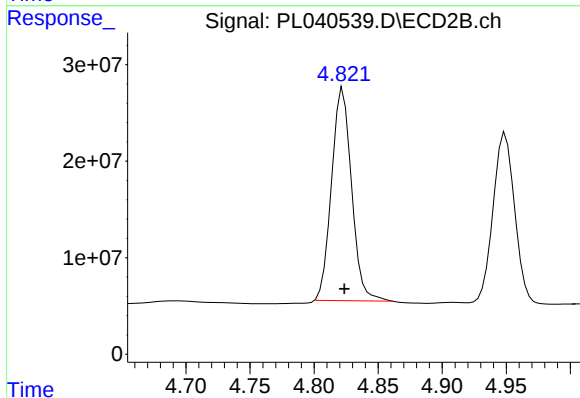
R.T.: 4.614 min  
Delta R.T.: 0.000 min  
Response: 105640435  
Conc: 52.87 ng/ml



#7 delta-BHC

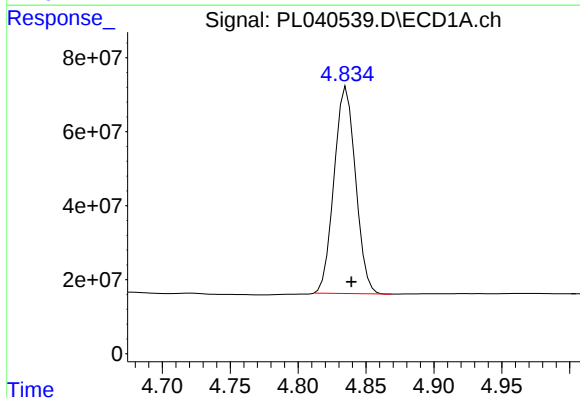
R.T.: 4.340 min  
Delta R.T.: -0.002 min  
Response: 727586564  
Conc: 65.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



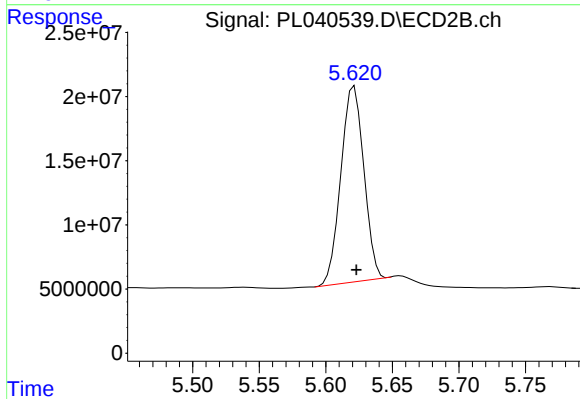
#7 delta-BHC

R.T.: 4.823 min  
Delta R.T.: 0.000 min  
Response: 239857683  
Conc: 51.97 ng/ml



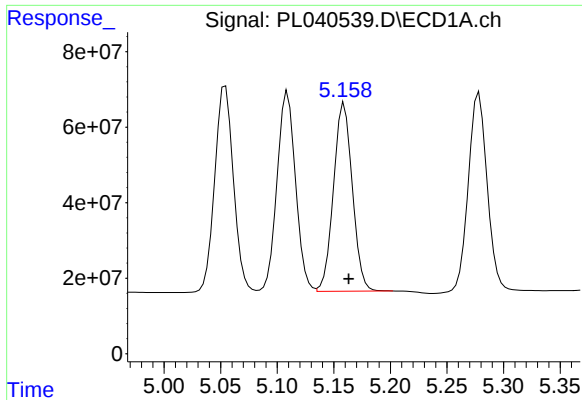
#8 Heptachlor epoxide

R.T.: 4.836 min  
Delta R.T.: -0.004 min  
Response: 615284729  
Conc: 59.44 ng/ml



#8 Heptachlor epoxide

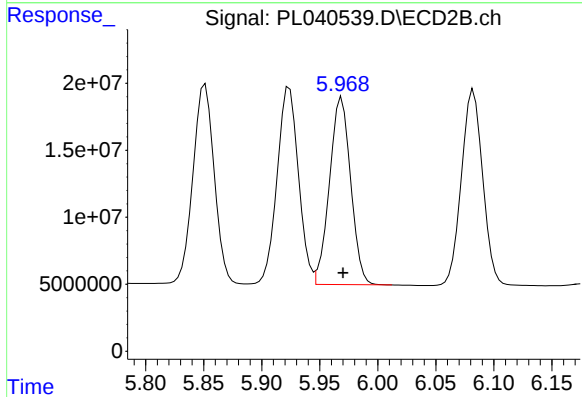
R.T.: 5.621 min  
Delta R.T.: -0.002 min  
Response: 184476744  
Conc: 48.06 ng/ml



#9 Endosulfan I

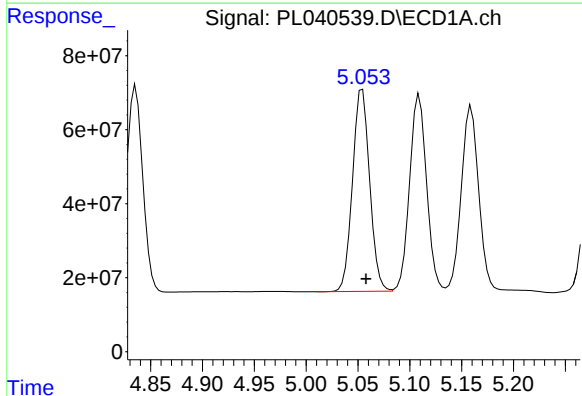
R.T.: 5.159 min  
Delta R.T.: -0.004 min  
Response: 578062262  
Conc: 57.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



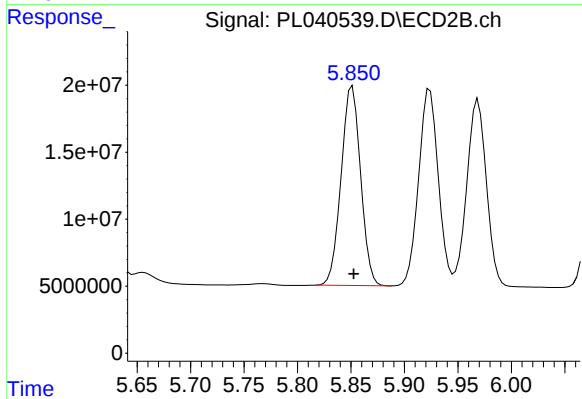
#9 Endosulfan I

R.T.: 5.969 min  
Delta R.T.: -0.001 min  
Response: 177604094  
Conc: 47.73 ng/ml



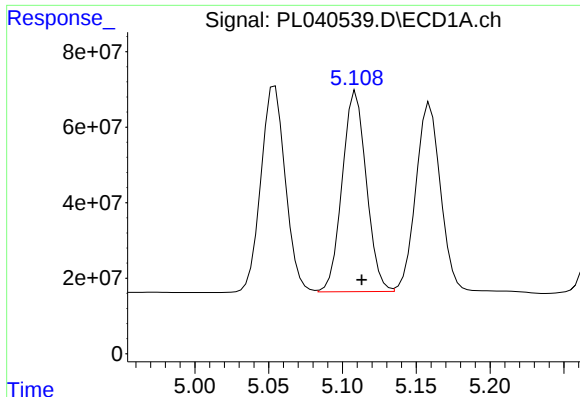
#10 gamma-Chlordane

R.T.: 5.054 min  
Delta R.T.: -0.004 min  
Response: 628711455  
Conc: 57.89 ng/ml



#10 gamma-Chlordane

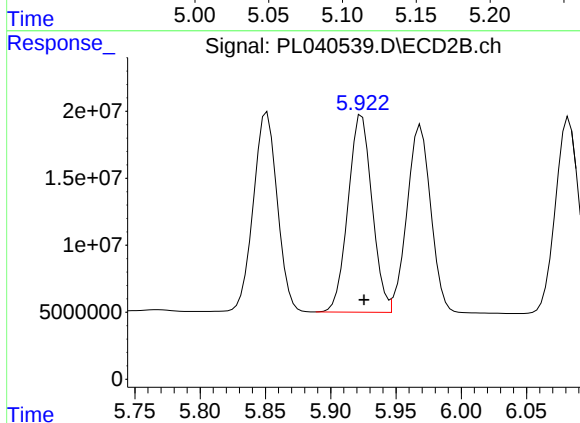
R.T.: 5.851 min  
Delta R.T.: -0.001 min  
Response: 188987656  
Conc: 47.82 ng/ml



#11 alpha-Chlordane

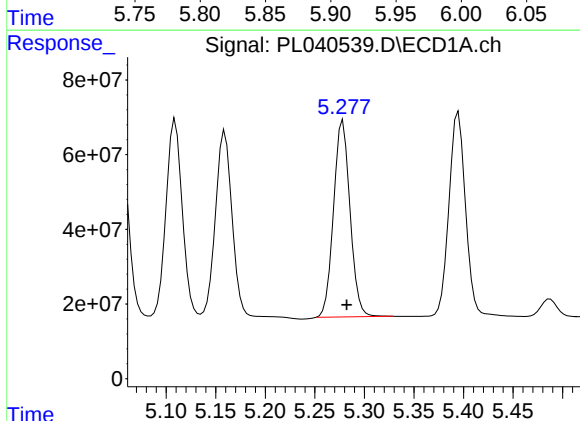
R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 604866514  
Conc: 57.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



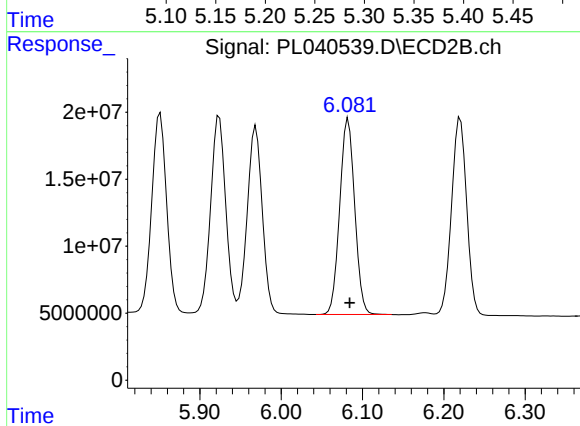
#11 alpha-Chlordane

R.T.: 5.924 min  
Delta R.T.: -0.002 min  
Response: 188598401  
Conc: 48.06 ng/ml



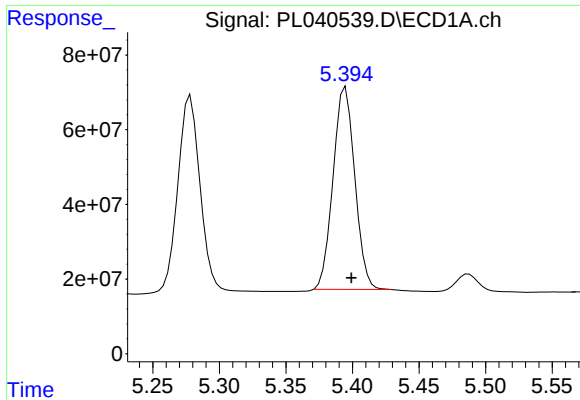
#12 4,4'-DDE

R.T.: 5.278 min  
Delta R.T.: -0.004 min  
Response: 608602024  
Conc: 55.06 ng/ml



#12 4,4'-DDE

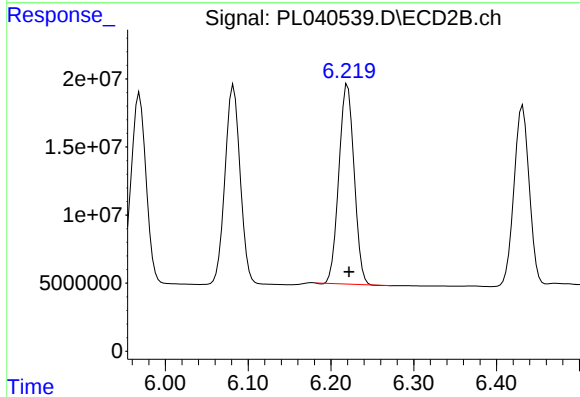
R.T.: 6.082 min  
Delta R.T.: -0.002 min  
Response: 187200938  
Conc: 46.49 ng/ml



#13 Dieldrin

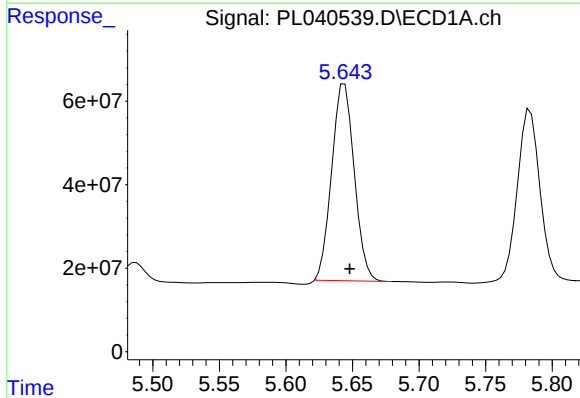
R.T.: 5.395 min  
Delta R.T.: -0.004 min  
Response: 614649773  
Conc: 56.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



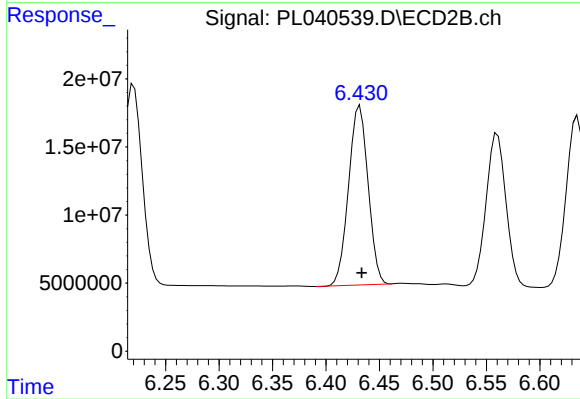
#13 Dieldrin

R.T.: 6.220 min  
Delta R.T.: -0.002 min  
Response: 187721017  
Conc: 49.14 ng/ml



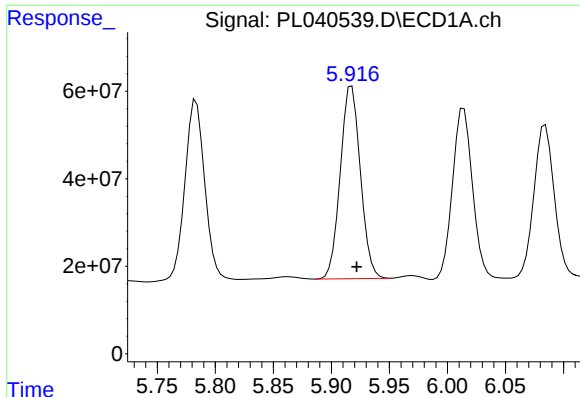
#14 Endrin

R.T.: 5.644 min  
Delta R.T.: -0.004 min  
Response: 555331970  
Conc: 55.90 ng/ml



#14 Endrin

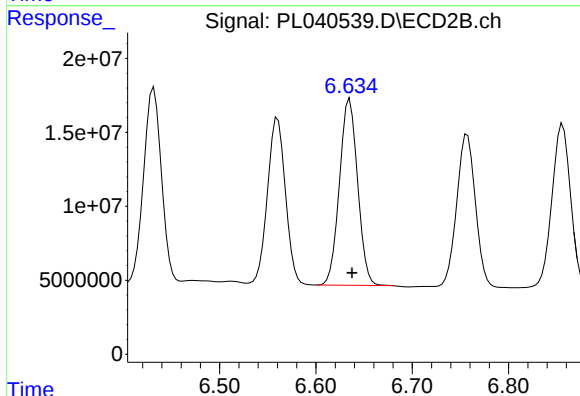
R.T.: 6.432 min  
Delta R.T.: -0.002 min  
Response: 167560701  
Conc: 51.29 ng/ml



#15 Endosulfan II

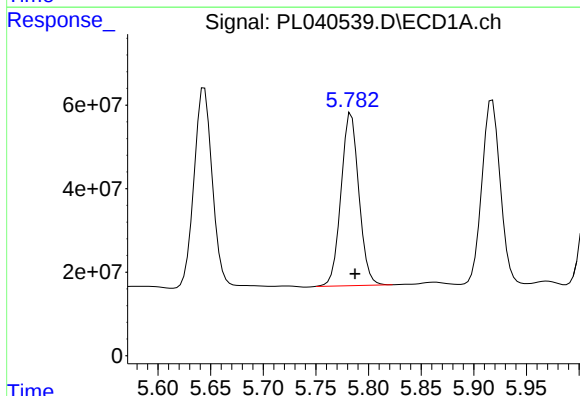
R.T.: 5.918 min  
Delta R.T.: -0.004 min  
Response: 531875981  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



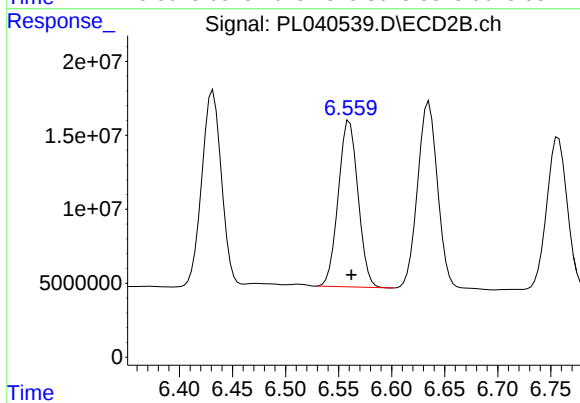
#15 Endosulfan II

R.T.: 6.635 min  
Delta R.T.: -0.002 min  
Response: 164585018  
Conc: 47.08 ng/ml



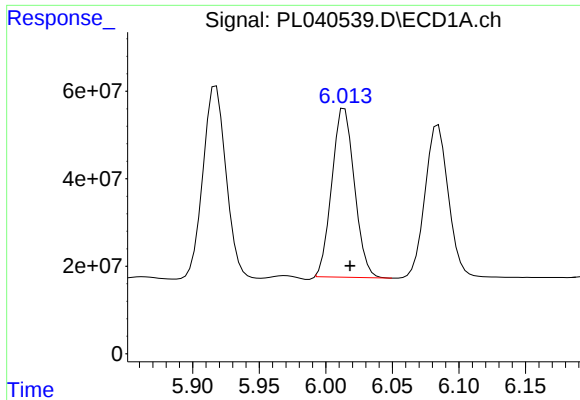
#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: -0.004 min  
Response: 489218127  
Conc: 52.99 ng/ml



#16 4,4'-DDD

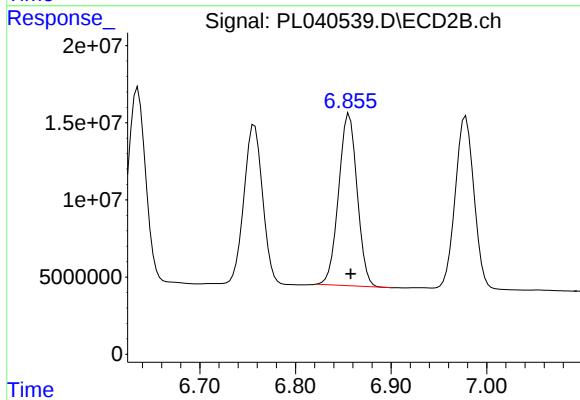
R.T.: 6.560 min  
Delta R.T.: -0.002 min  
Response: 145535300  
Conc: 45.81 ng/ml



#17 4,4'-DDT

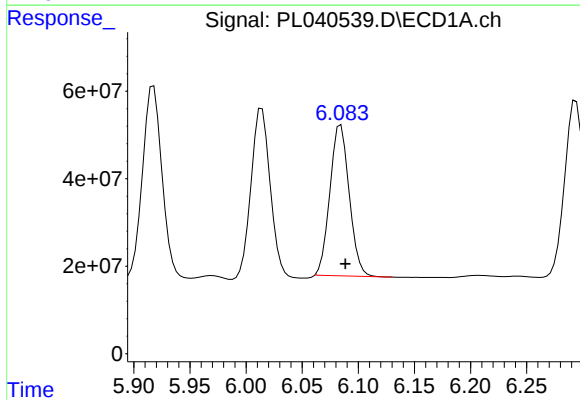
R.T.: 6.014 min  
Delta R.T.: -0.004 min  
Response: 455292747  
Conc: 56.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



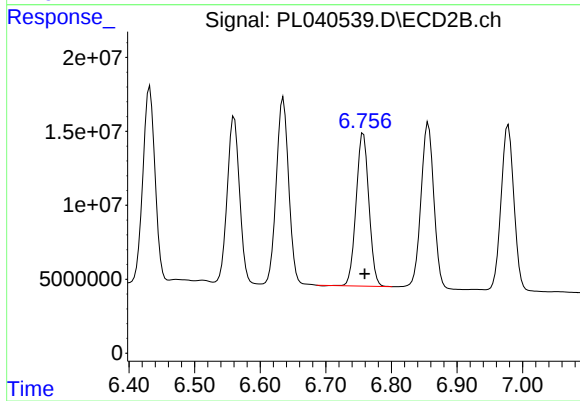
#17 4,4'-DDT

R.T.: 6.856 min  
Delta R.T.: -0.002 min  
Response: 150037765  
Conc: 49.24 ng/ml



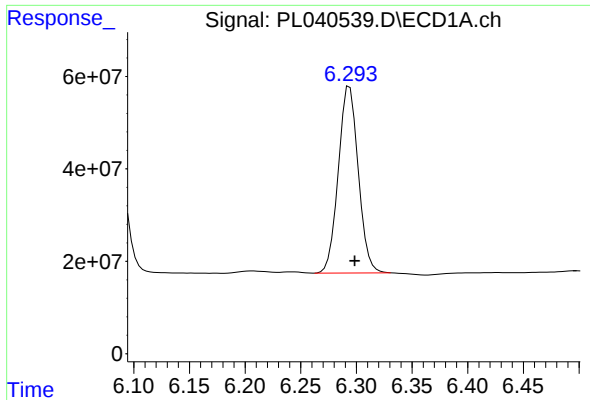
#18 Endrin aldehyde

R.T.: 6.084 min  
Delta R.T.: -0.004 min  
Response: 412914334  
Conc: 49.17 ng/ml



#18 Endrin aldehyde

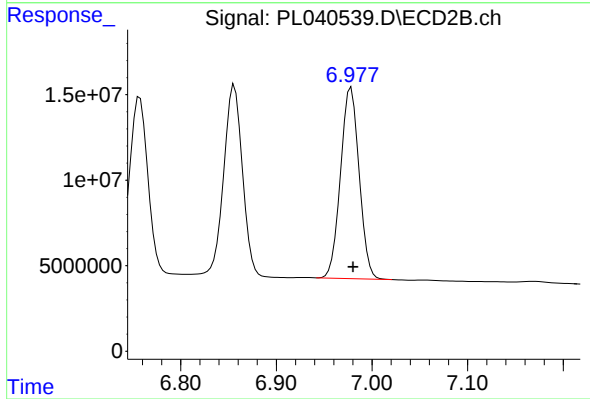
R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 139635177  
Conc: 46.65 ng/ml



#19 Endosulfan Sulfate

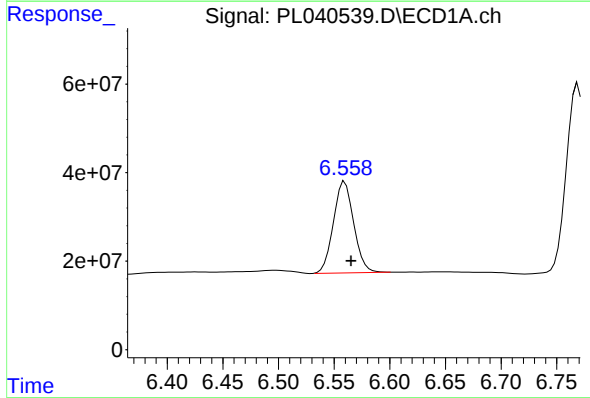
R.T.: 6.294 min  
Delta R.T.: -0.004 min  
Response: 503723210  
Conc: 52.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



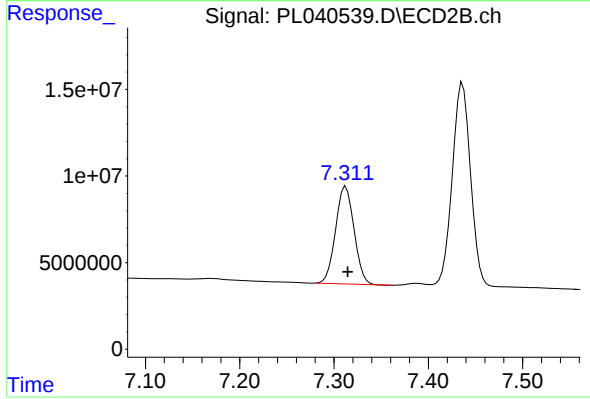
#19 Endosulfan Sulfate

R.T.: 6.978 min  
Delta R.T.: -0.002 min  
Response: 151320325  
Conc: 47.05 ng/ml



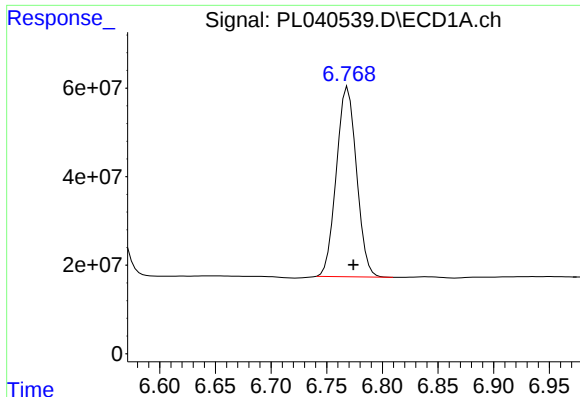
#20 Methoxychlor

R.T.: 6.560 min  
Delta R.T.: -0.005 min  
Response: 262695347  
Conc: 54.38 ng/ml



#20 Methoxychlor

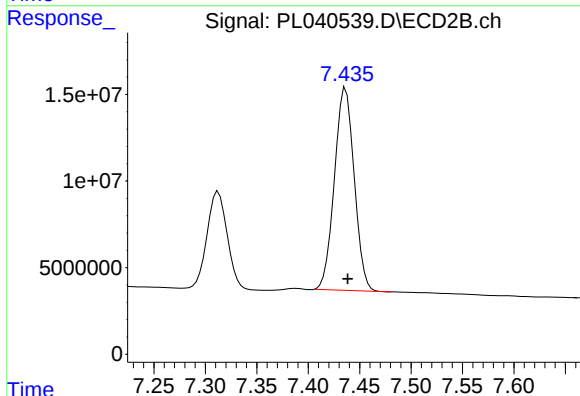
R.T.: 7.313 min  
Delta R.T.: -0.002 min  
Response: 76726085  
Conc: 50.35 ng/ml



#21 Endrin ketone

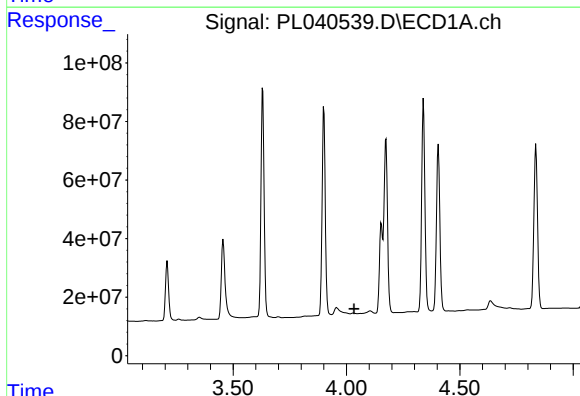
R.T.: 6.769 min  
Delta R.T.: -0.005 min  
Response: 540997974  
Conc: 49.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



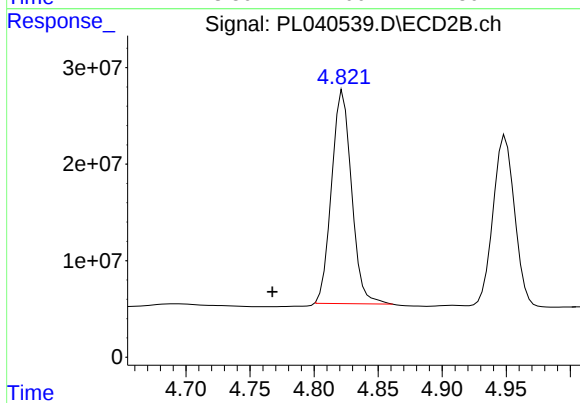
#21 Endrin ketone

R.T.: 7.436 min  
Delta R.T.: -0.002 min  
Response: 156365376  
Conc: 50.87 ng/ml



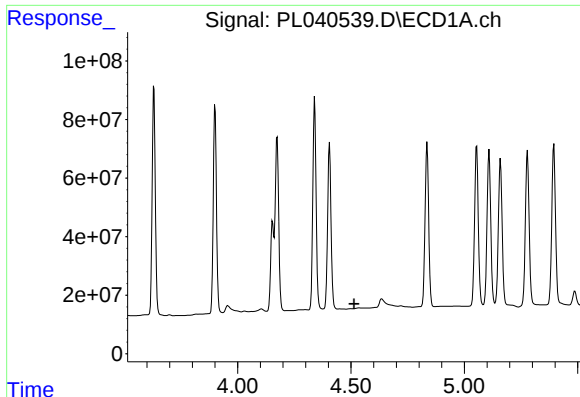
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.034 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

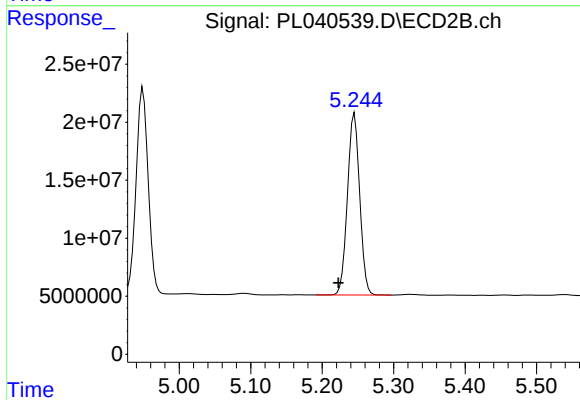
R.T.: 4.823 min  
Delta R.T.: 0.055 min  
Response: 239857683  
Conc: 1554.21 ng/ml



#24 Chlordane-2

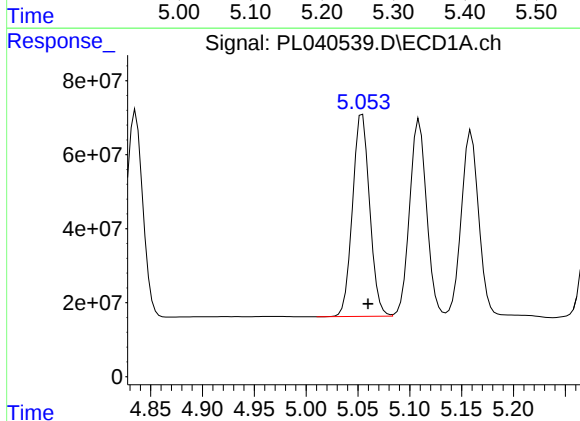
R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



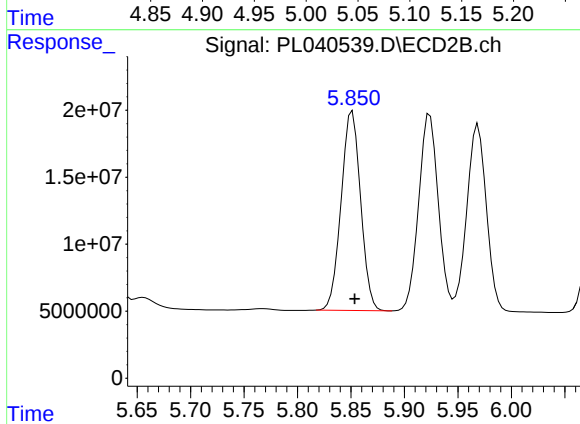
#24 Chlordane-2

R.T.: 5.245 min  
Delta R.T.: 0.022 min  
Response: 187126319  
Conc: 1112.07 ng/ml



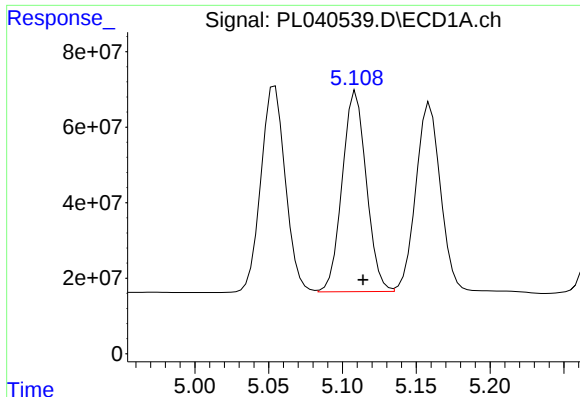
#25 Chlordane-3

R.T.: 5.054 min  
Delta R.T.: -0.006 min  
Response: 628711455  
Conc: 489.44 ng/ml



#25 Chlordane-3

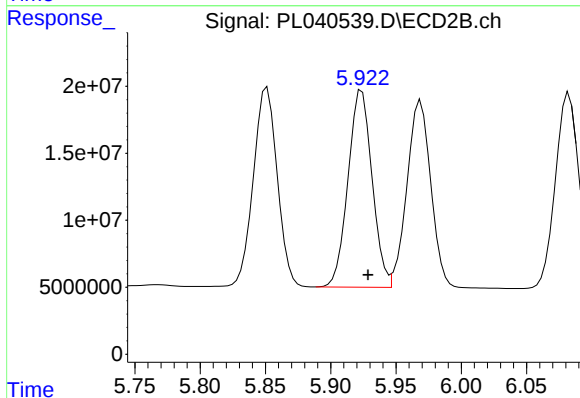
R.T.: 5.851 min  
Delta R.T.: -0.002 min  
Response: 188987656  
Conc: 338.86 ng/ml



#26 Chlordane-4

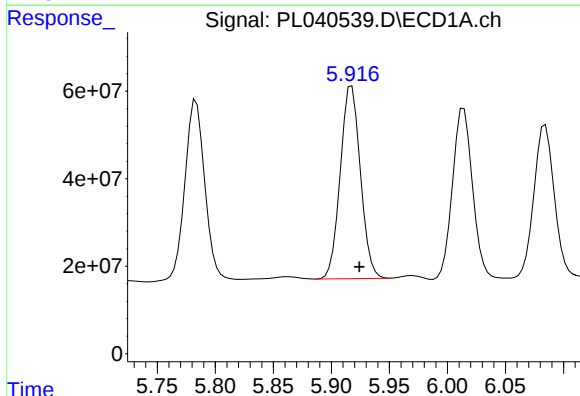
R.T.: 5.109 min  
Delta R.T.: -0.005 min  
Response: 604866514  
Conc: 510.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



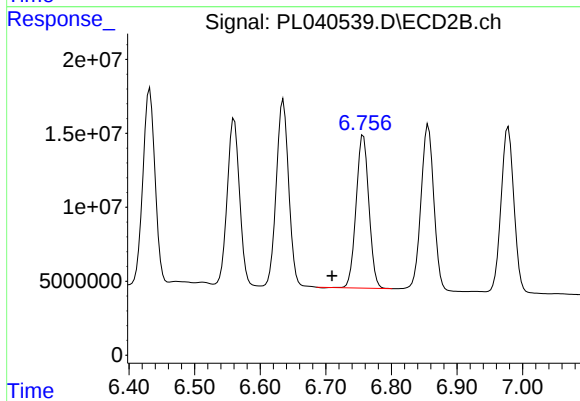
#26 Chlordane-4

R.T.: 5.924 min  
Delta R.T.: -0.005 min  
Response: 188598401  
Conc: 285.77 ng/ml



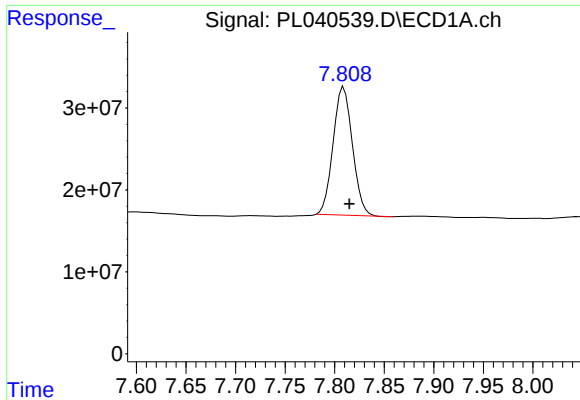
#27 Chlordane-5

R.T.: 5.918 min  
Delta R.T.: -0.007 min  
Response: 531875981  
Conc: 1317.65 ng/ml



#27 Chlordane-5

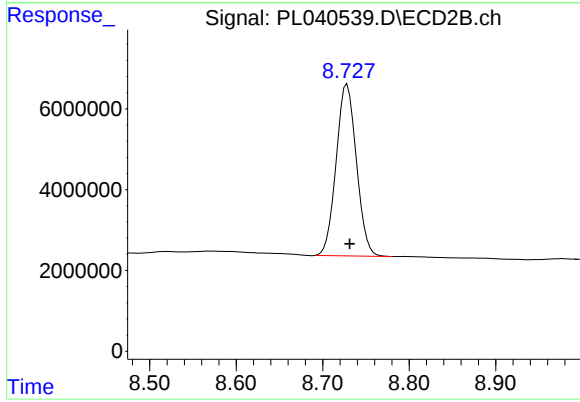
R.T.: 6.757 min  
Delta R.T.: 0.048 min  
Response: 139635177  
Conc: 1146.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.809 min  
Delta R.T.: -0.006 min  
Response: 211465299  
Conc: 22.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.728 min  
Delta R.T.: -0.003 min  
Response: 68750510  
Conc: 21.71 ng/ml