

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100719\  
 Data File : PL053132.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Oct 2019 22:41  
 Operator : SG\AJ  
 Sample : K5213-06  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-3(5-10)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 08 05:39:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.549  | 4.050  | 70157814 | 27417293 | 7.053   | 10.210 #  |
| 28)                         | SA Decachlor... | 8.339  | 9.128  | 237.8E6  | 64025435 | 23.738  | 21.824    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.019f | 4.414f | 59295815 | 1352328  | 3.717   | 0.352 #   |
| 3)                          | MA gamma-BHC... | 4.263f | 4.741f | 16262819 | 6180652  | 1.117   | 1.707 #   |
| 4)                          | MA Heptachlor   | 4.593  | 5.259f | 61379587 | 14271753 | 4.108   | 3.745     |
| 5)                          | MB Aldrin       | 4.840  | 5.536  | 84926304 | 51877888 | 6.174   | 14.969 #  |
| 6)                          | B beta-BHC      | 4.554f | 0.000  | 63879030 | 0        | 10.289  | N.D. #    |
| 7)                          | B delta-BHC     | 4.757f | 5.110  | 173.2E6  | 28257702 | 12.085  | 7.806 #   |
| 8)                          | B Heptachlo...  | 5.283  | 5.917  | 112.0E6  | 79579255 | 8.598   | 23.744 #  |
| 9)                          | A Endosulfan I  | 5.645  | 6.269  | 18912312 | 16083840 | 1.558   | 5.146 #   |
| 10)                         | B gamma-Chl...  | 5.530  | 6.176f | 125.8E6  | 47314383 | 9.356   | 13.986 #  |
| 11)                         | B alpha-Chl...  | 5.555f | 6.237  | 86786353 | 5083778  | 6.580   | 1.510 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.393  | 0        | 84681474 | N.D.    | 25.927 #  |
| 13)                         | MA Dieldrin     | 5.863  | 6.529  | 419.2E6  | 37654138 | 32.475  | 11.543 #  |
| 14)                         | MA Endrin       | 6.123  | 6.750  | 41236730 | 79554614 | 3.620   | 28.649 #  |
| 15)                         | B Endosulfa...  | 6.388f | 0.000  | 161.0E6  | 0        | 14.047  | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.254  | 6.887  | 26968031 | 118.2E6  | 3.000   | 48.175 #  |
| 17)                         | MA 4,4'-DDT     | 6.492  | 7.180  | 451.4E6  | 4108184  | 44.200  | 1.579 #   |
| 18)                         | B Endrin al...  | 6.593f | 7.110f | 37664894 | 5555014  | 4.011   | 2.265 #   |
| 19)                         | B Endosulfa...  | 6.784  | 7.335f | 28124792 | 1779666  | 2.702   | 0.652 #   |
| 20)                         | A Methoxychlor  | 7.028f | 7.618  | 33101958 | 18533412 | 6.417   | 13.164 #  |
| 21)                         | B Endrin ke...  | 7.305f | 7.787  | 46577673 | 11855274 | 3.996   | 4.156     |
| 22)                         | Mirex           | 0.000  | 8.263f | 0        | 44070837 | N.D.    | 19.594 #  |
| 23)                         | Chlordane-1     | 4.454f | 5.046  | 27871156 | 18988137 | 80.200  | 187.205 # |
| 24)                         | Chlordane-2     | 4.937  | 5.536f | 20637419 | 51877888 | 51.946  | 463.517 # |
| 25)                         | Chlordane-3     | 5.530  | 6.176f | 125.8E6  | 47314383 | 108.591 | 108.641   |
| 26)                         | Chlordane-4     | 5.555f | 6.237  | 86786353 | 5083778  | 90.932  | 9.574 #   |
| 27)                         | Chlordane-5     | 6.442f | 7.047  | 43464536 | 16070939 | 110.195 | 182.191 # |
| -----                       |                 |        |        |          |          |         |           |

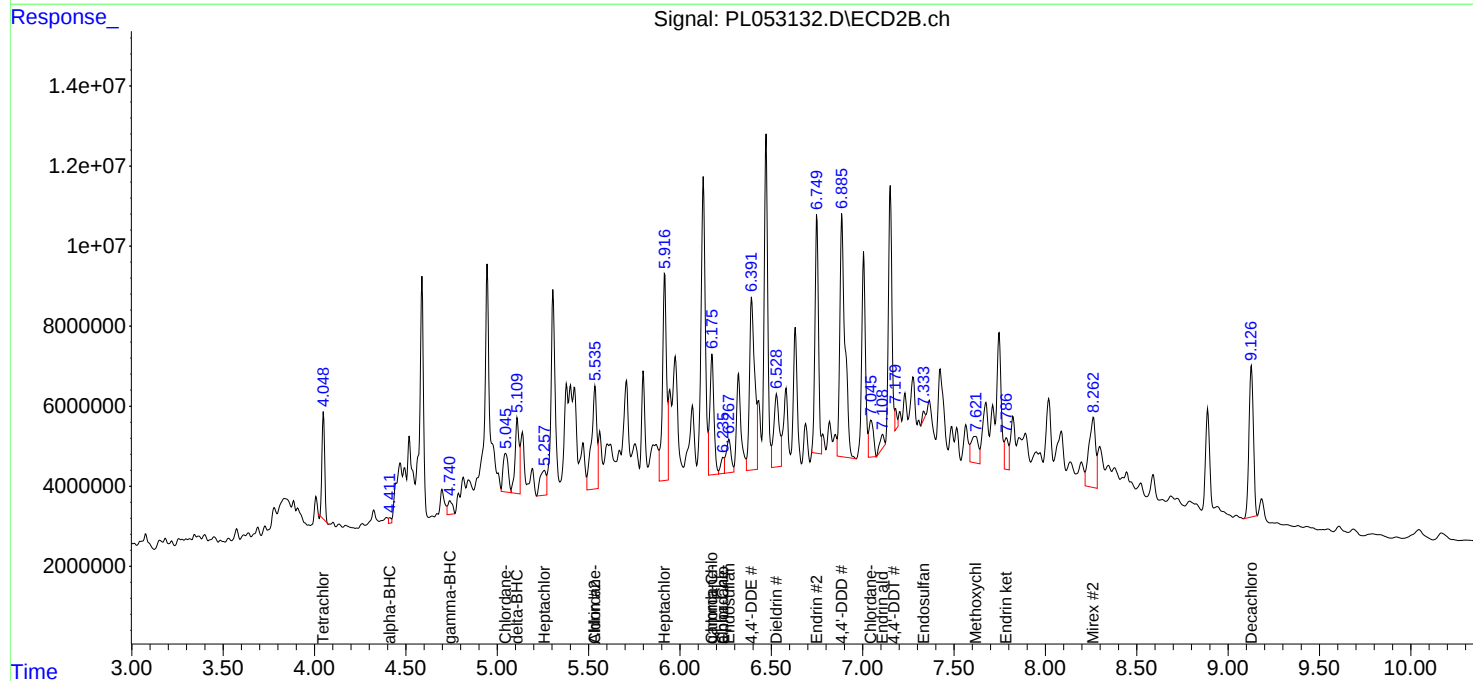
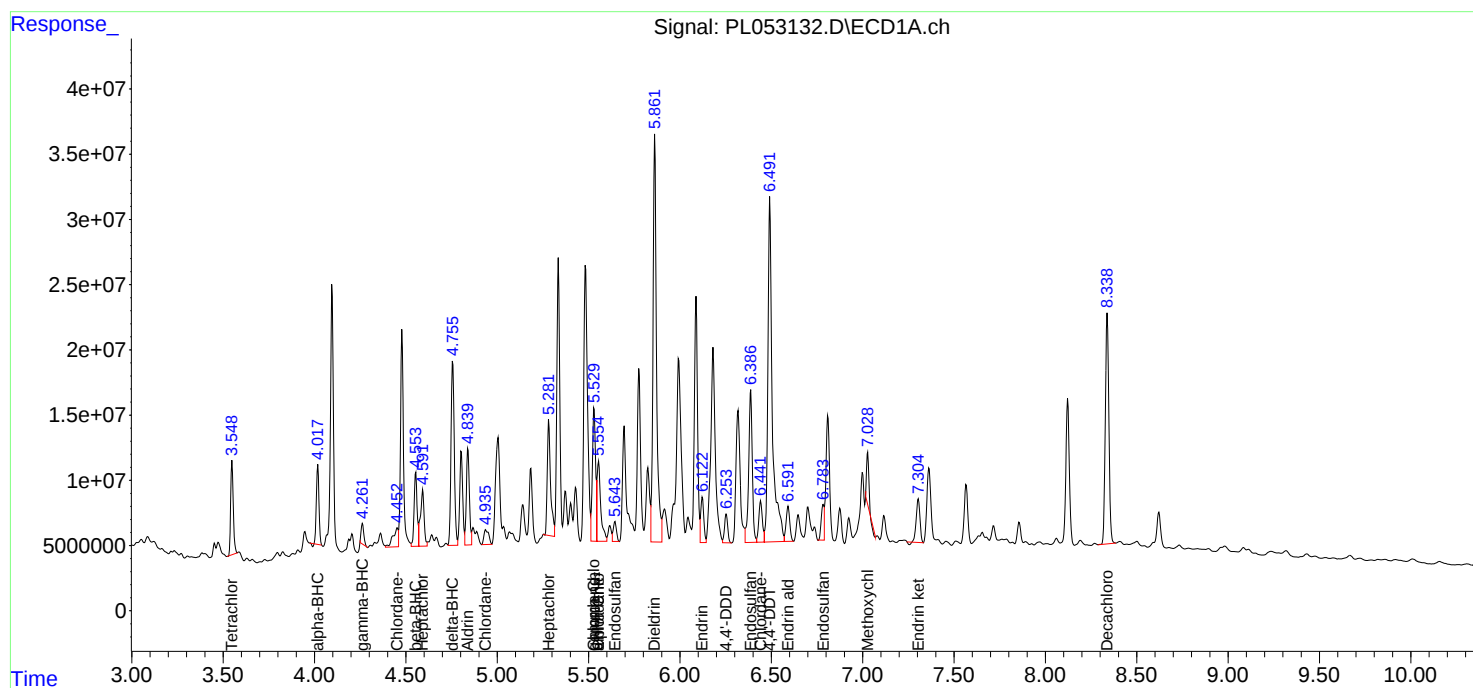
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

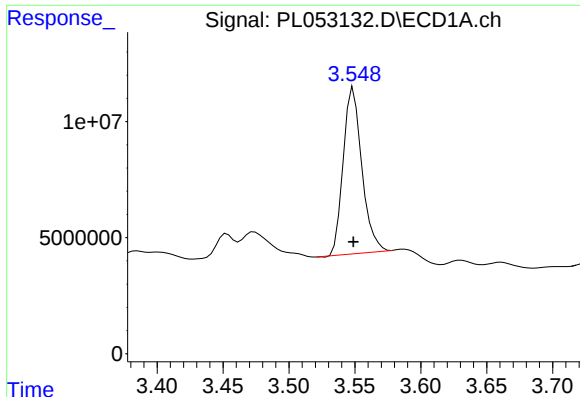
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100719\  
 Data File : PL053132.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Oct 2019 22:41  
 Operator : SG\AJ  
 Sample : K5213-06  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampled :  
 S-3(5-10)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 08 05:39:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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

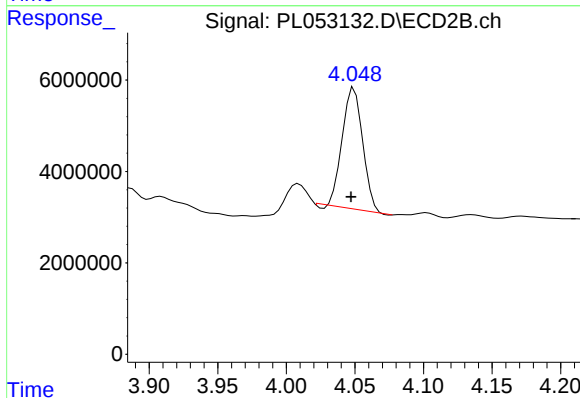




#1 Tetrachloro-m-xylene

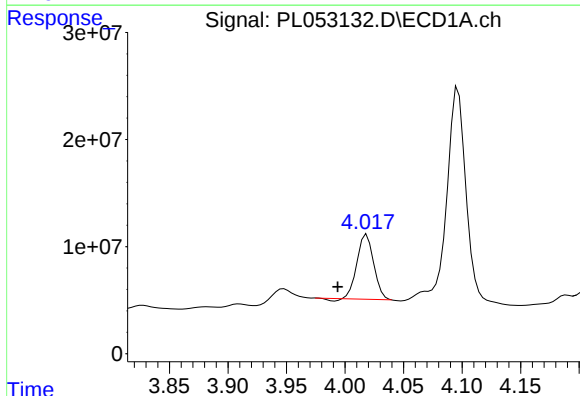
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 70157814  
Conc: 7.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



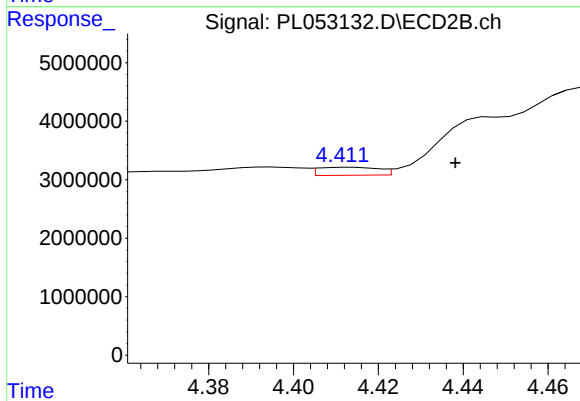
#1 Tetrachloro-m-xylene

R.T.: 4.050 min  
Delta R.T.: 0.002 min  
Response: 27417293  
Conc: 10.21 ng/ml



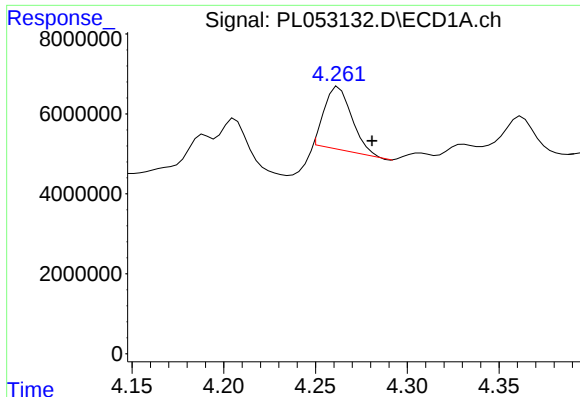
#2 alpha-BHC

R.T.: 4.019 min  
Delta R.T.: 0.025 min  
Response: 59295815  
Conc: 3.72 ng/ml



#2 alpha-BHC

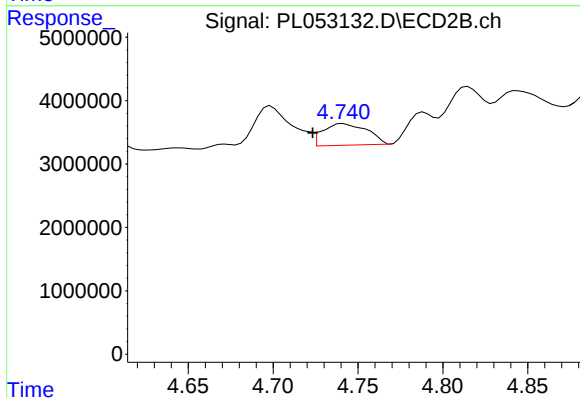
R.T.: 4.414 min  
Delta R.T.: -0.025 min  
Response: 1352328  
Conc: 0.35 ng/ml



#3 gamma-BHC (Lindane)

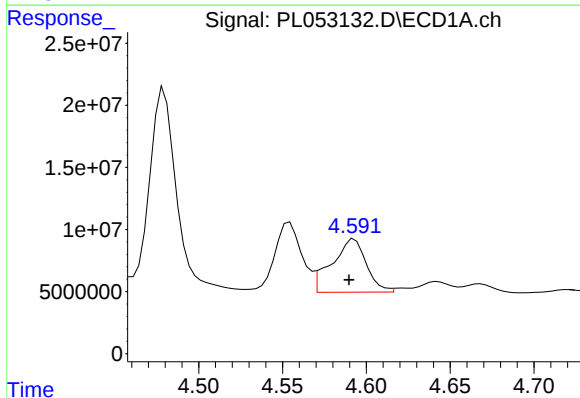
R.T.: 4.263 min  
Delta R.T.: -0.018 min  
Response: 16262819  
Conc: 1.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



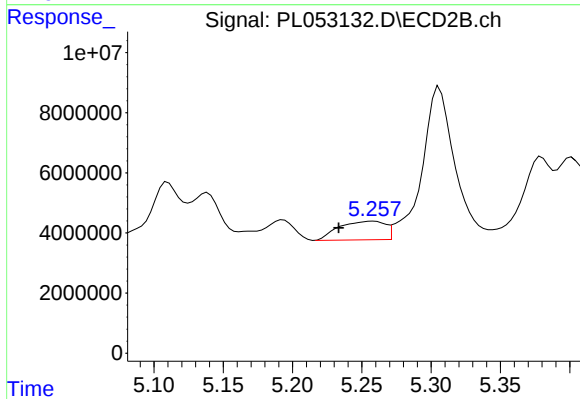
#3 gamma-BHC (Lindane)

R.T.: 4.741 min  
Delta R.T.: 0.018 min  
Response: 6180652  
Conc: 1.71 ng/ml



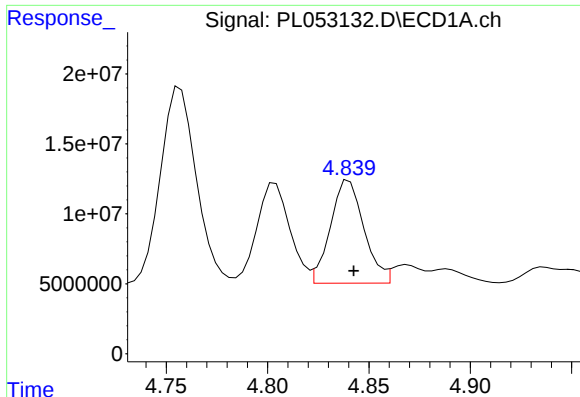
#4 Heptachlor

R.T.: 4.593 min  
Delta R.T.: 0.003 min  
Response: 61379587  
Conc: 4.11 ng/ml



#4 Heptachlor

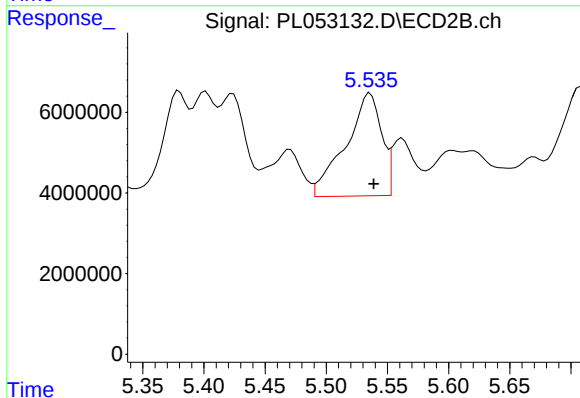
R.T.: 5.259 min  
Delta R.T.: 0.025 min  
Response: 14271753  
Conc: 3.75 ng/ml



#5 Aldrin

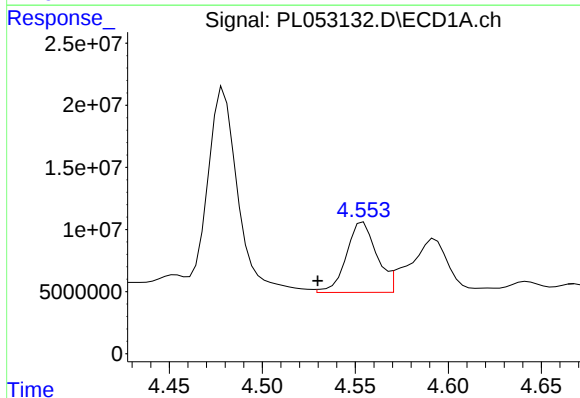
R.T.: 4.840 min  
Delta R.T.: -0.002 min  
Response: 84926304  
Conc: 6.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



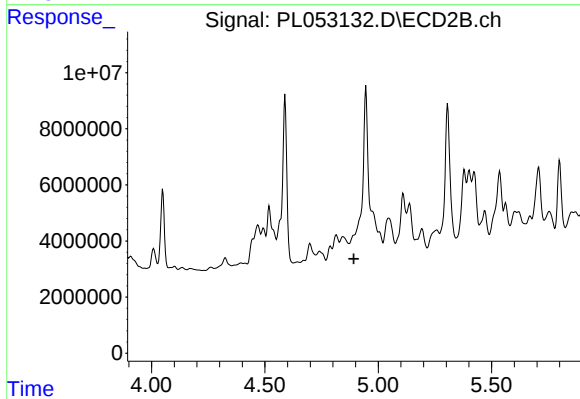
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.003 min  
Response: 51877888  
Conc: 14.97 ng/ml



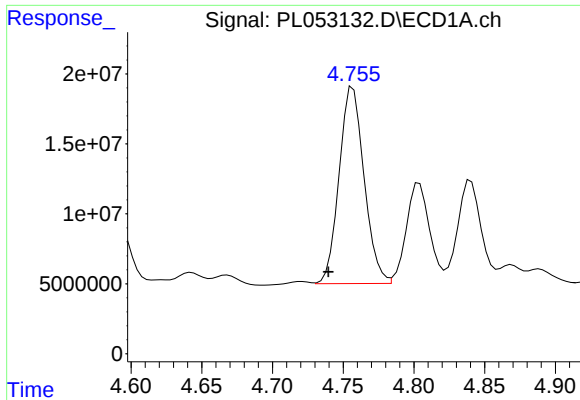
#6 beta-BHC

R.T.: 4.554 min  
Delta R.T.: 0.025 min  
Response: 63879030  
Conc: 10.29 ng/ml



#6 beta-BHC

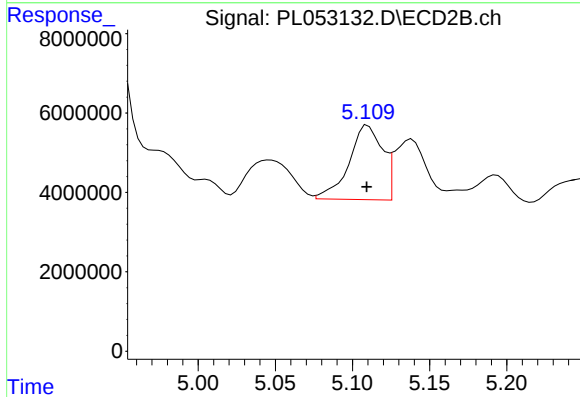
R.T.: 0.000 min  
Exp R.T.: 4.892 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

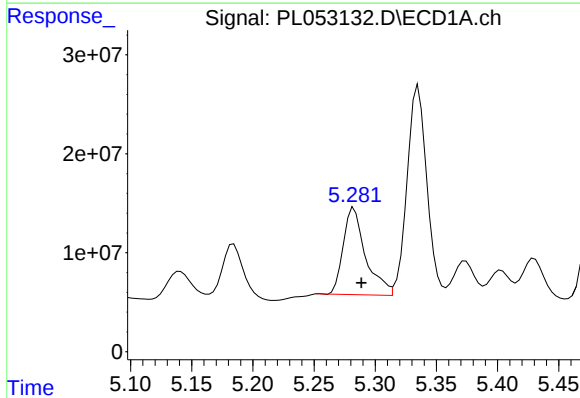
R.T.: 4.757 min  
Delta R.T.: 0.017 min  
Response: 173172918  
Conc: 12.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



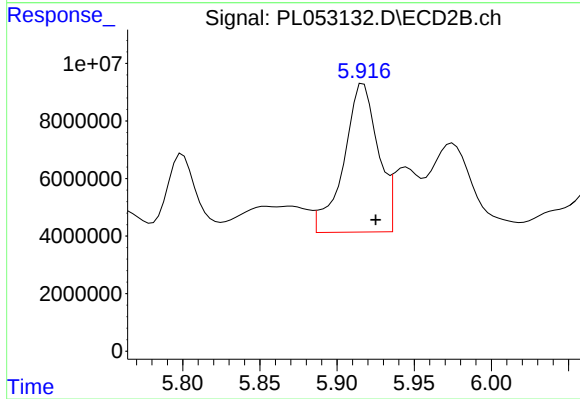
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 28257702  
Conc: 7.81 ng/ml



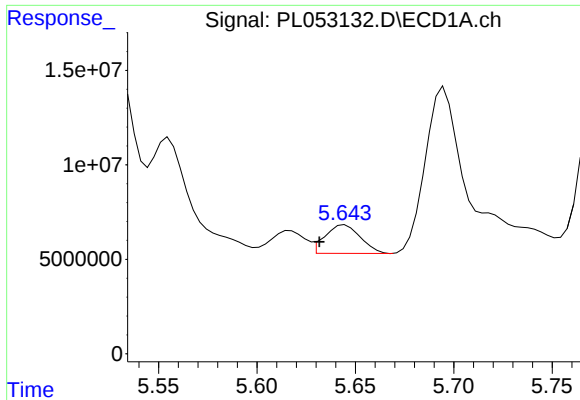
#8 Heptachlor epoxide

R.T.: 5.283 min  
Delta R.T.: -0.006 min  
Response: 112045431  
Conc: 8.60 ng/ml



#8 Heptachlor epoxide

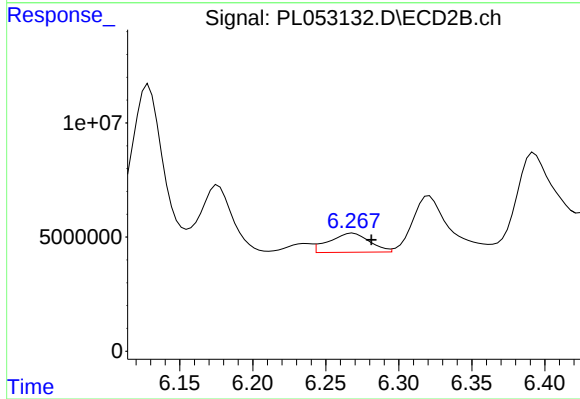
R.T.: 5.917 min  
Delta R.T.: -0.008 min  
Response: 79579255  
Conc: 23.74 ng/ml



#9 Endosulfan I

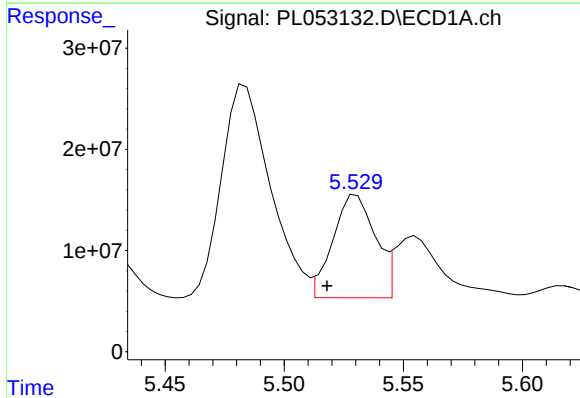
R.T.: 5.645 min  
Delta R.T.: 0.013 min  
Response: 18912312  
Conc: 1.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



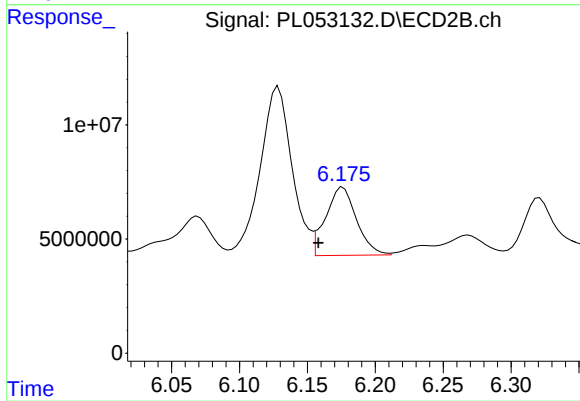
#9 Endosulfan I

R.T.: 6.269 min  
Delta R.T.: -0.013 min  
Response: 16083840  
Conc: 5.15 ng/ml



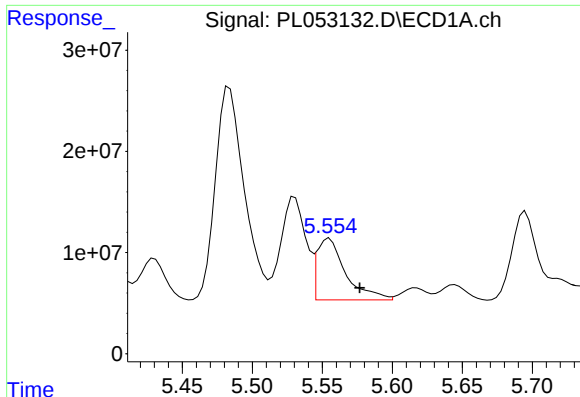
#10 gamma-Chlordane

R.T.: 5.530 min  
Delta R.T.: 0.013 min  
Response: 125824527  
Conc: 9.36 ng/ml



#10 gamma-Chlordane

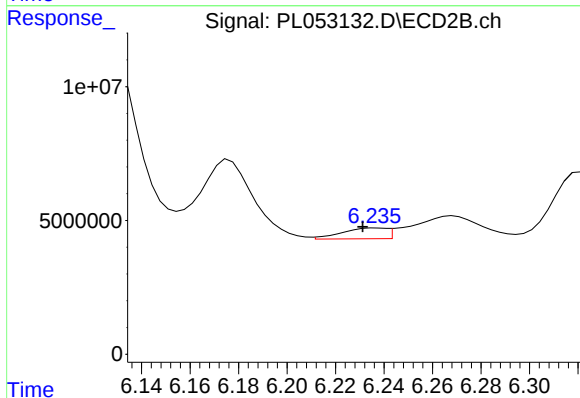
R.T.: 6.176 min  
Delta R.T.: 0.018 min  
Response: 47314383  
Conc: 13.99 ng/ml



#11 alpha-Chlordane

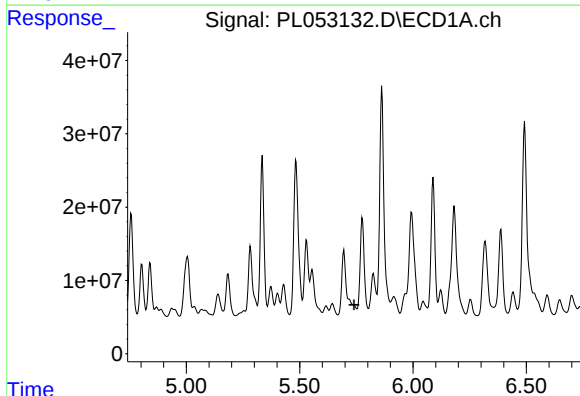
R.T.: 5.555 min  
Delta R.T.: -0.022 min  
Response: 86786353  
Conc: 6.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



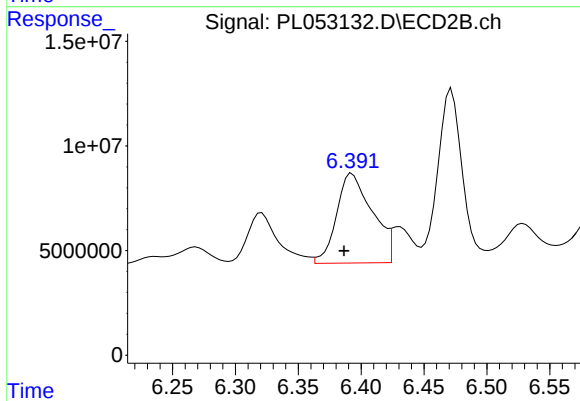
#11 alpha-Chlordane

R.T.: 6.237 min  
Delta R.T.: 0.005 min  
Response: 5083778  
Conc: 1.51 ng/ml



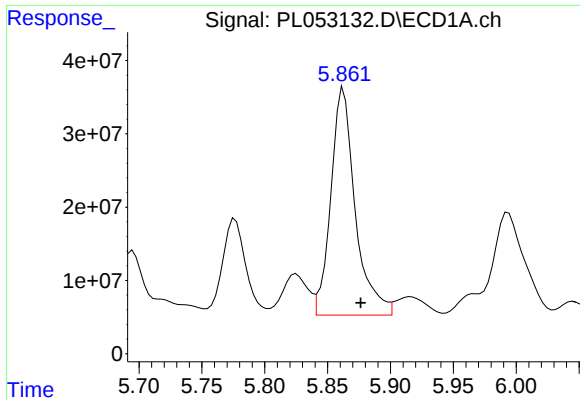
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.740 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

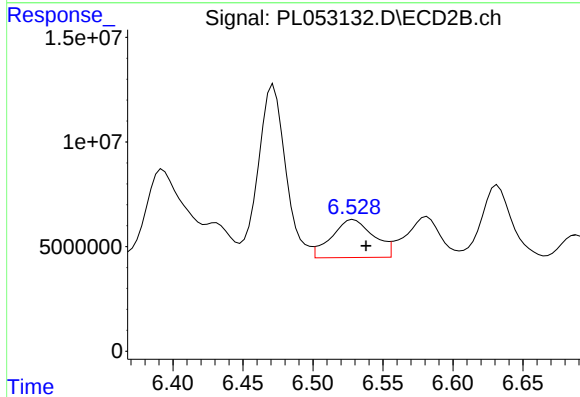
R.T.: 6.393 min  
Delta R.T.: 0.006 min  
Response: 84681474  
Conc: 25.93 ng/ml



#13 Dieldrin

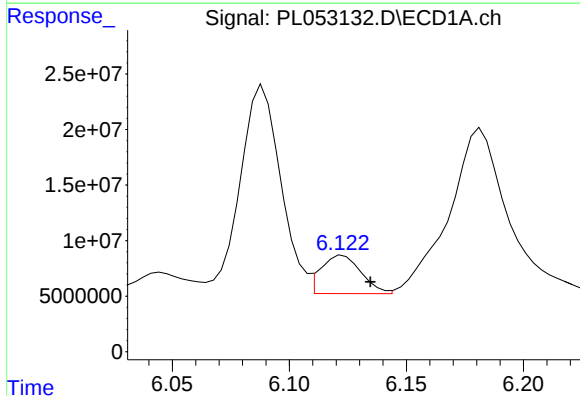
R.T.: 5.863 min  
Delta R.T.: -0.014 min  
Response: 419196099  
Conc: 32.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



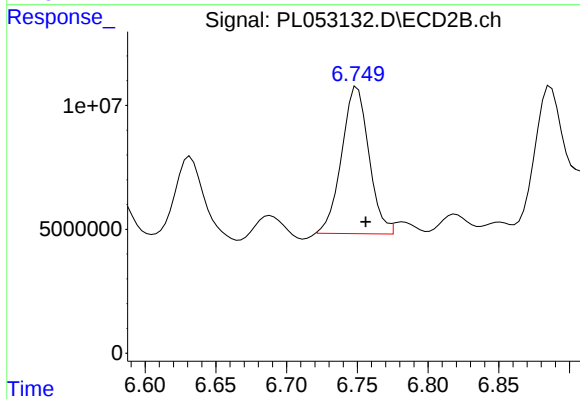
#13 Dieldrin

R.T.: 6.529 min  
Delta R.T.: -0.009 min  
Response: 37654138  
Conc: 11.54 ng/ml



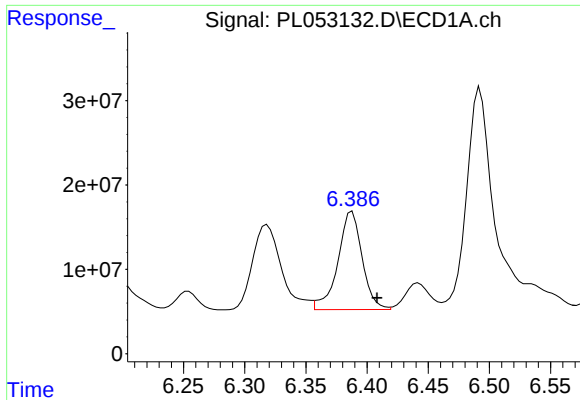
#14 Endrin

R.T.: 6.123 min  
Delta R.T.: -0.012 min  
Response: 41236730  
Conc: 3.62 ng/ml



#14 Endrin

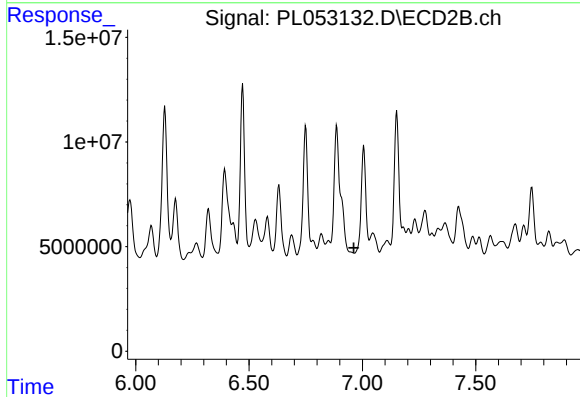
R.T.: 6.750 min  
Delta R.T.: -0.006 min  
Response: 79554614  
Conc: 28.65 ng/ml



#15 Endosulfan II

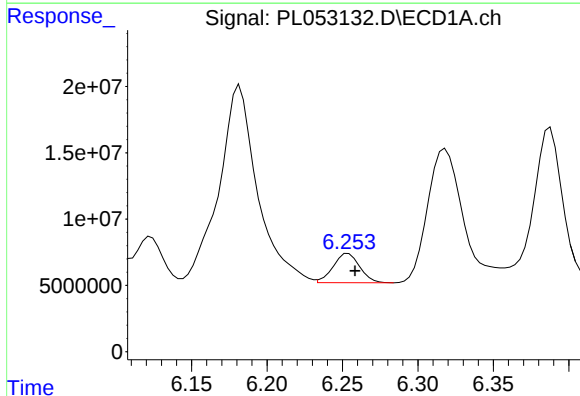
R.T.: 6.388 min  
Delta R.T.: -0.020 min  
Response: 160967555  
Conc: 14.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



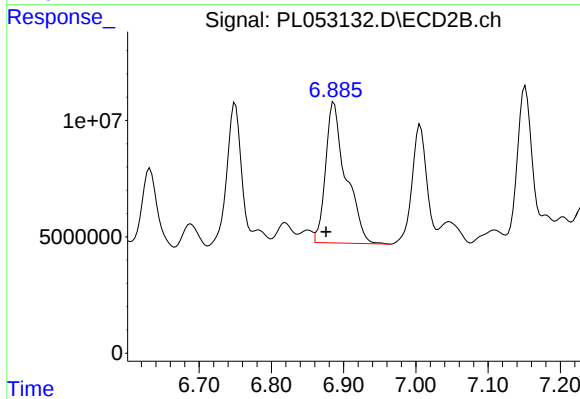
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.963 min  
Response: 0  
Conc: N.D.



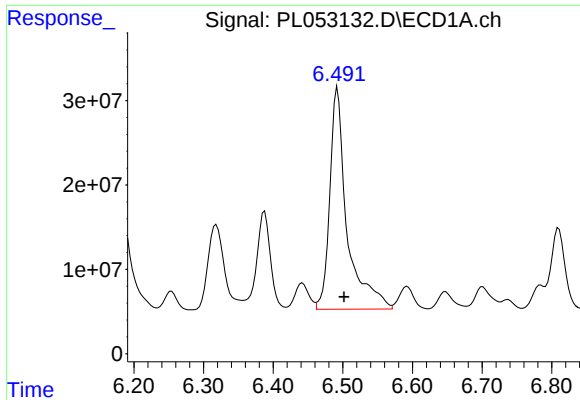
#16 4,4'-DDD

R.T.: 6.254 min  
Delta R.T.: -0.005 min  
Response: 26968031  
Conc: 3.00 ng/ml



#16 4,4'-DDD

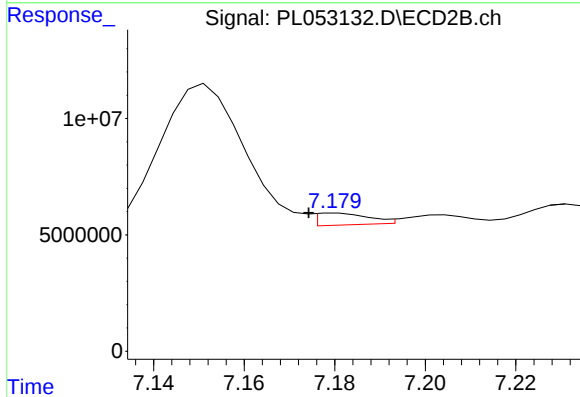
R.T.: 6.887 min  
Delta R.T.: 0.011 min  
Response: 118152165  
Conc: 48.18 ng/ml



#17 4,4'-DDT

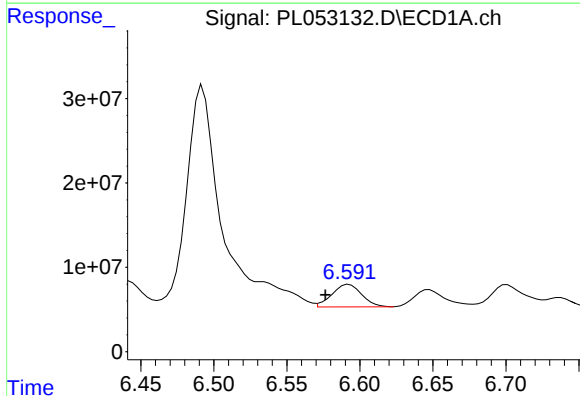
R.T.: 6.492 min  
Delta R.T.: -0.009 min  
Response: 451391751  
Conc: 44.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



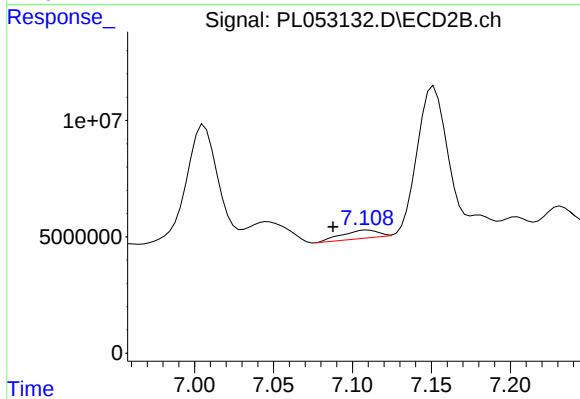
#17 4,4'-DDT

R.T.: 7.180 min  
Delta R.T.: 0.006 min  
Response: 4108184  
Conc: 1.58 ng/ml



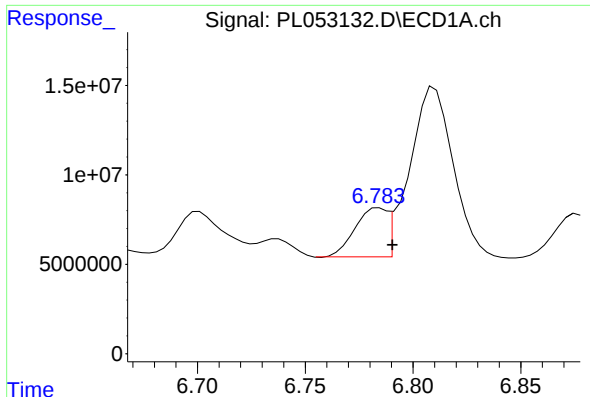
#18 Endrin aldehyde

R.T.: 6.593 min  
Delta R.T.: 0.016 min  
Response: 37664894  
Conc: 4.01 ng/ml



#18 Endrin aldehyde

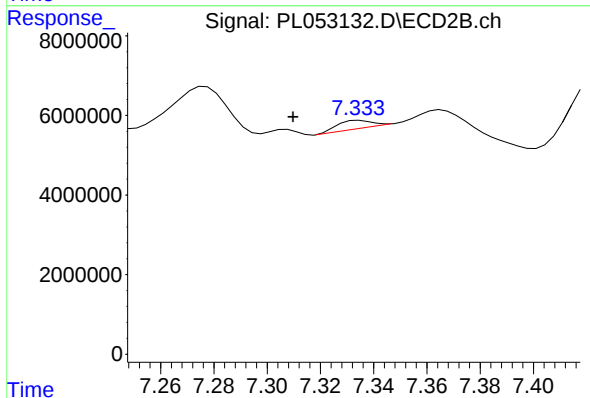
R.T.: 7.110 min  
Delta R.T.: 0.022 min  
Response: 5555014  
Conc: 2.26 ng/ml



#19 Endosulfan Sulfate

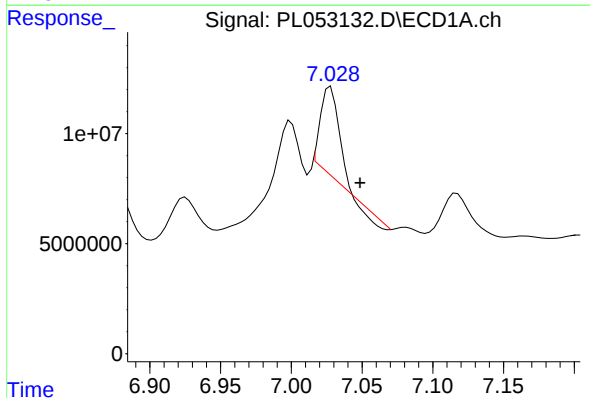
R.T.: 6.784 min  
Delta R.T.: -0.006 min  
Response: 28124792  
Conc: 2.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



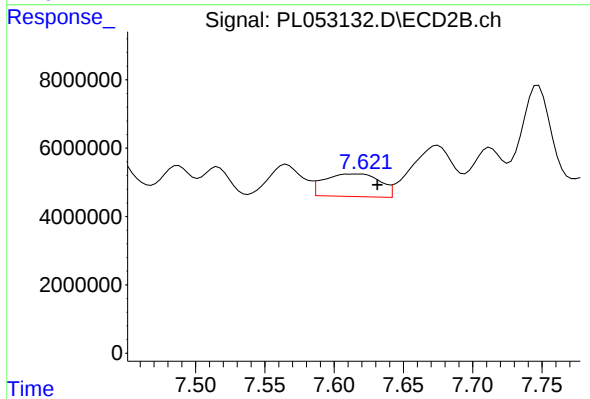
#19 Endosulfan Sulfate

R.T.: 7.335 min  
Delta R.T.: 0.025 min  
Response: 1779666  
Conc: 0.65 ng/ml



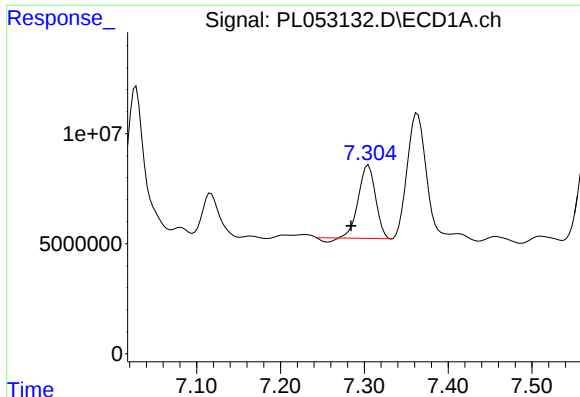
#20 Methoxychlor

R.T.: 7.028 min  
Delta R.T.: -0.021 min  
Response: 33101958  
Conc: 6.42 ng/ml



#20 Methoxychlor

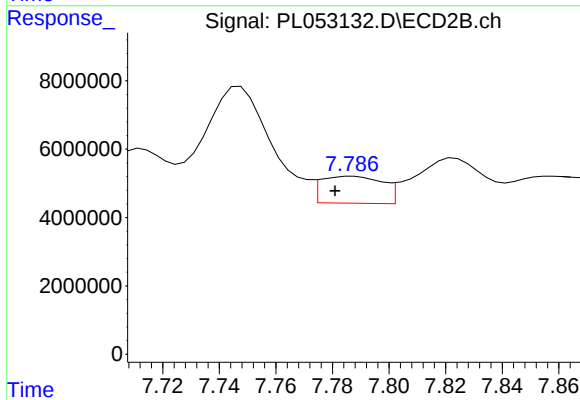
R.T.: 7.618 min  
Delta R.T.: -0.013 min  
Response: 18533412  
Conc: 13.16 ng/ml



#21 Endrin ketone

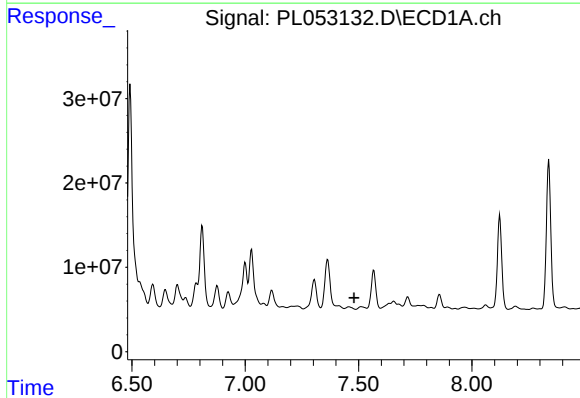
R.T.: 7.305 min  
Delta R.T.: 0.021 min  
Response: 46577673  
Conc: 4.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



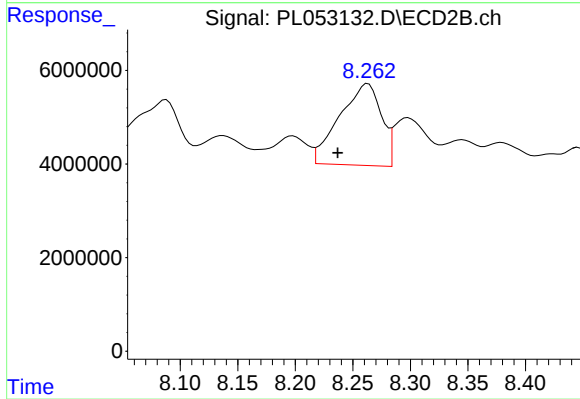
#21 Endrin ketone

R.T.: 7.787 min  
Delta R.T.: 0.006 min  
Response: 11855274  
Conc: 4.16 ng/ml



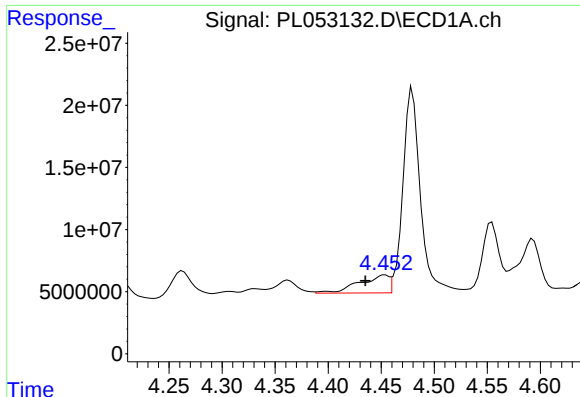
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.481 min  
Response: 0  
Conc: N.D.



#22 Mirex

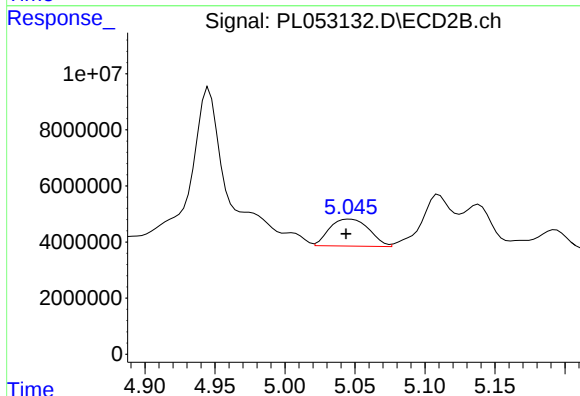
R.T.: 8.263 min  
Delta R.T.: 0.026 min  
Response: 44070837  
Conc: 19.59 ng/ml



#23 Chlordane-1

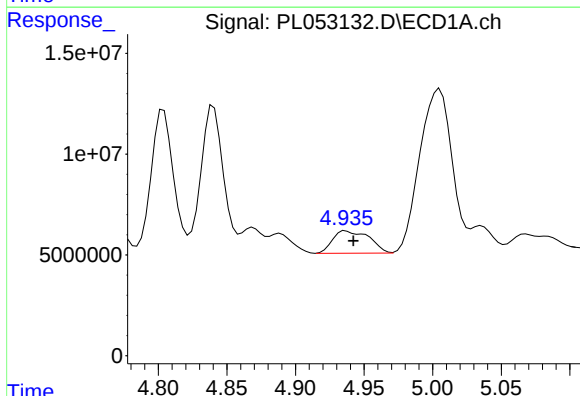
R.T.: 4.454 min  
Delta R.T.: 0.018 min  
Response: 27871156  
Conc: 80.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



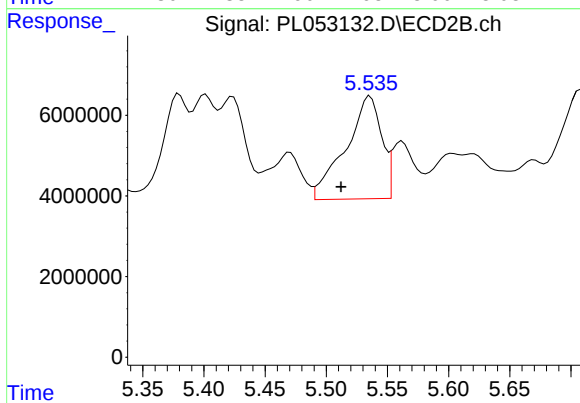
#23 Chlordane-1

R.T.: 5.046 min  
Delta R.T.: 0.003 min  
Response: 18988137  
Conc: 187.20 ng/ml



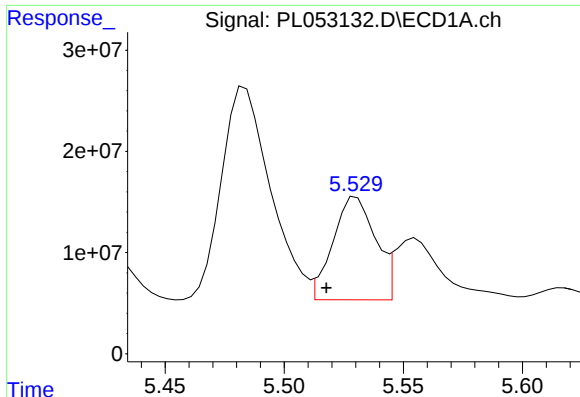
#24 Chlordane-2

R.T.: 4.937 min  
Delta R.T.: -0.006 min  
Response: 20637419  
Conc: 51.95 ng/ml



#24 Chlordane-2

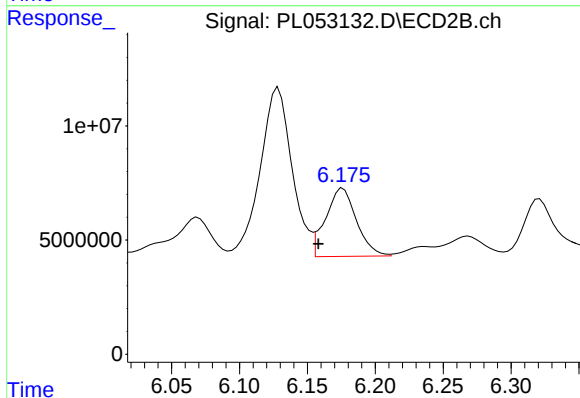
R.T.: 5.536 min  
Delta R.T.: 0.024 min  
Response: 51877888  
Conc: 463.52 ng/ml



#25 Chlordane-3

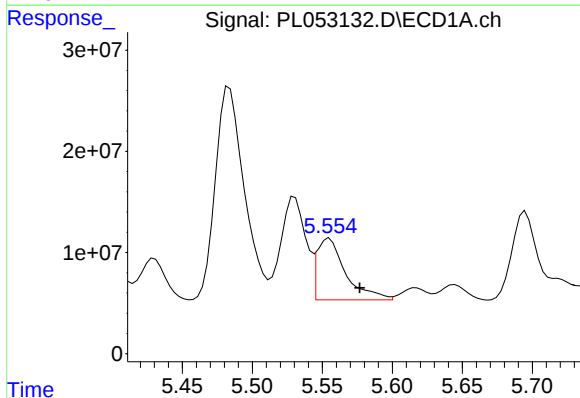
R.T.: 5.530 min  
Delta R.T.: 0.013 min  
Response: 125824527  
Conc: 108.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



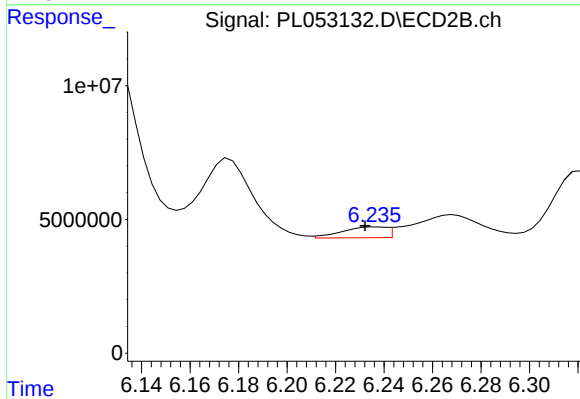
#25 Chlordane-3

R.T.: 6.176 min  
Delta R.T.: 0.018 min  
Response: 47314383  
Conc: 108.64 ng/ml



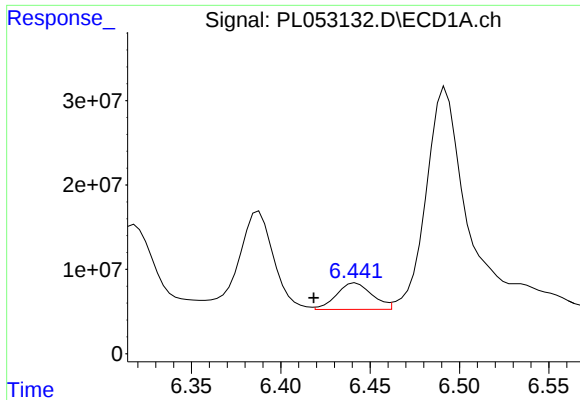
#26 Chlordane-4

R.T.: 5.555 min  
Delta R.T.: -0.022 min  
Response: 86786353  
Conc: 90.93 ng/ml



#26 Chlordane-4

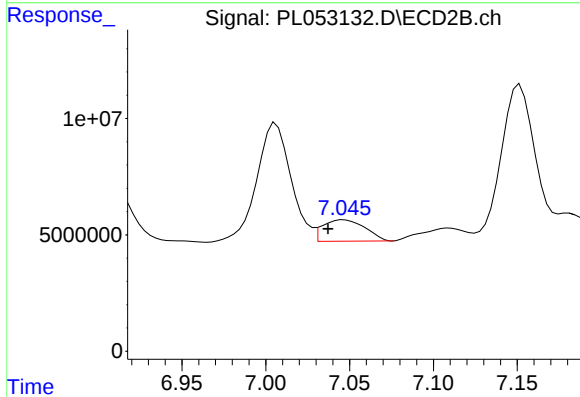
R.T.: 6.237 min  
Delta R.T.: 0.004 min  
Response: 5083778  
Conc: 9.57 ng/ml



#27 Chlordane-5

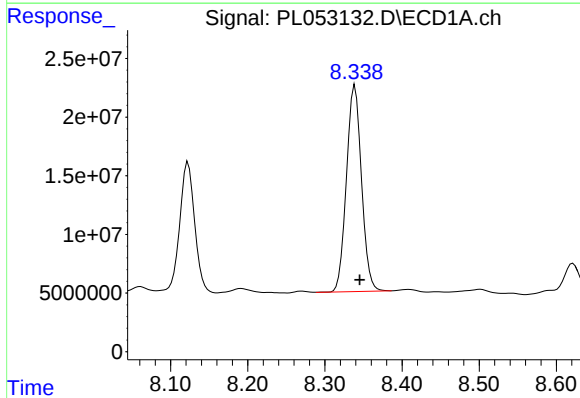
R.T.: 6.442 min  
Delta R.T.: 0.024 min  
Response: 43464536  
Conc: 110.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-3(5-10)



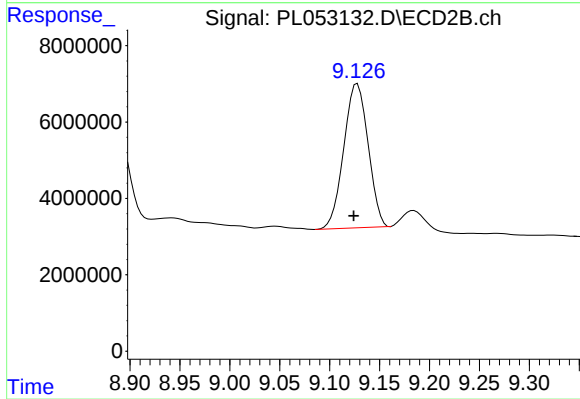
#27 Chlordane-5

R.T.: 7.047 min  
Delta R.T.: 0.009 min  
Response: 16070939  
Conc: 182.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.339 min  
Delta R.T.: -0.006 min  
Response: 237762727  
Conc: 23.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.128 min  
Delta R.T.: 0.003 min  
Response: 64025435  
Conc: 21.82 ng/ml