

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060920\  
 Data File : PL059195.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Jun 2020 14:09  
 Operator : AJ\MA  
 Sample : L2951-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 239988

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 09 15:02:36 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 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... | 3.520  | 4.071  | 25036699 | 35058934 | 14.499  | 13.474    |
| 28)                         | SA Decachlor... | 8.292  | 9.181  | 25277696 | 36048327 | 15.372  | 15.207    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.967  | 4.490f | 946025   | 660768   | 0.378   | 0.172 #   |
| 4)                          | MA Heptachlor   | 4.552  | 5.264  | 913075   | 662829   | 0.439   | 0.192 #   |
| 5)                          | MB Aldrin       | 4.809  | 5.599f | 440074   | 399311   | 0.247   | 0.127 #   |
| 6)                          | B beta-BHC      | 4.500  | 0.000  | 356564   | 0        | 0.375   | N.D. #    |
| 7)                          | B delta-BHC     | 4.708  | 5.146  | 275856   | 773496   | 0.139   | 0.276 #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.945f | 0        | 3273575  | N.D.    | 1.182 #   |
| 9)                          | A Endosulfan I  | 5.567f | 0.000  | 544173   | 0        | 0.348   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.497f | 6.196  | 70010047 | 54742852 | 41.810  | 18.296 #  |
| 11)                         | B alpha-Chl...  | 5.533  | 6.271  | 33000534 | 140.0E6  | 19.782  | 46.048 #  |
| 12)                         | B 4,4'-DDE      | 5.697  | 6.423  | 1746352  | 5566932  | 1.148   | 2.000 #   |
| 13)                         | MA Dieldrin     | 5.822  | 6.587  | 1321364  | 280284   | 0.811   | 0.096 #   |
| 14)                         | MA Endrin       | 6.086  | 6.786  | 744253   | 1620854  | 0.491   | 0.651 #   |
| 15)                         | B Endosulfa...  | 6.371  | 6.988f | 18536457 | 718630   | 11.993  | 0.276 #   |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.928  | 0        | 7980337  | N.D.    | 3.438 #   |
| 17)                         | MA 4,4'-DDT     | 6.452  | 7.213  | 6293160  | 3675944  | 4.989   | 1.614 #   |
| 18)                         | B Endrin al...  | 6.507f | 7.124  | 1090500  | 1008148  | 0.828   | 0.441 #   |
| 20)                         | A Methoxychlor  | 6.984f | 7.681  | 754367   | 521213   | 0.982   | 0.395 #   |
| 21)                         | B Endrin ke...  | 7.260f | 7.843  | 386634   | 195748   | 0.223   | 0.075 #   |
| 22)                         | Mirex           | 0.000  | 8.299  | 0        | 132031   | N.D.    | 0.067 #   |
| 23)                         | Chlordane-1     | 4.399  | 5.075  | 9420287  | 13748494 | 187.275 | 136.080 # |
| 24)                         | Chlordane-2     | 4.905  | 5.544  | 11328563 | 17470577 | 217.104 | 183.111   |
| 25)                         | Chlordane-3     | 5.497f | 6.196  | 70010047 | 54742852 | 473.783 | 145.985 # |
| 26)                         | Chlordane-4     | 5.533  | 6.271  | 33000534 | 140.0E6  | 275.091 | 307.557   |
| 27)                         | Chlordane-5     | 6.371  | 7.078  | 18536457 | 28155585 | 372.493 | 355.760   |
| -----                       |                 |        |        |          |          |         |           |

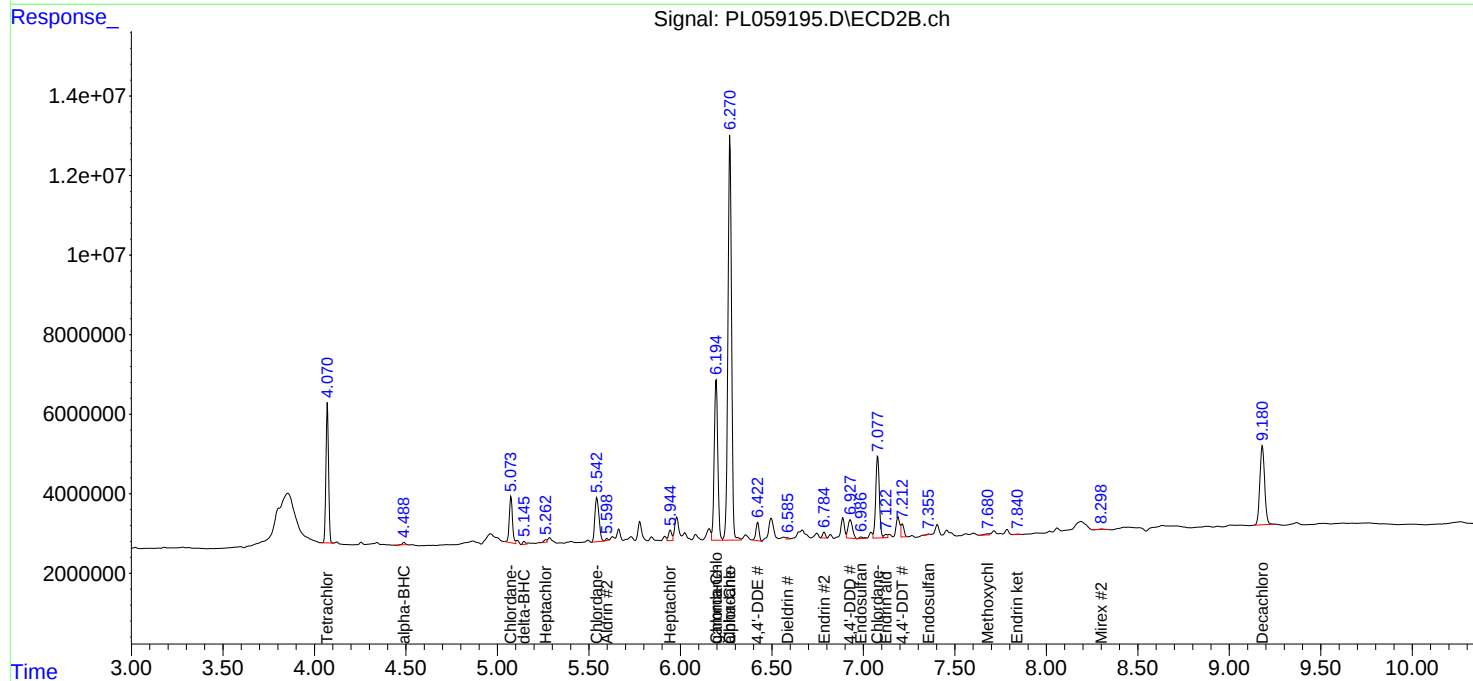
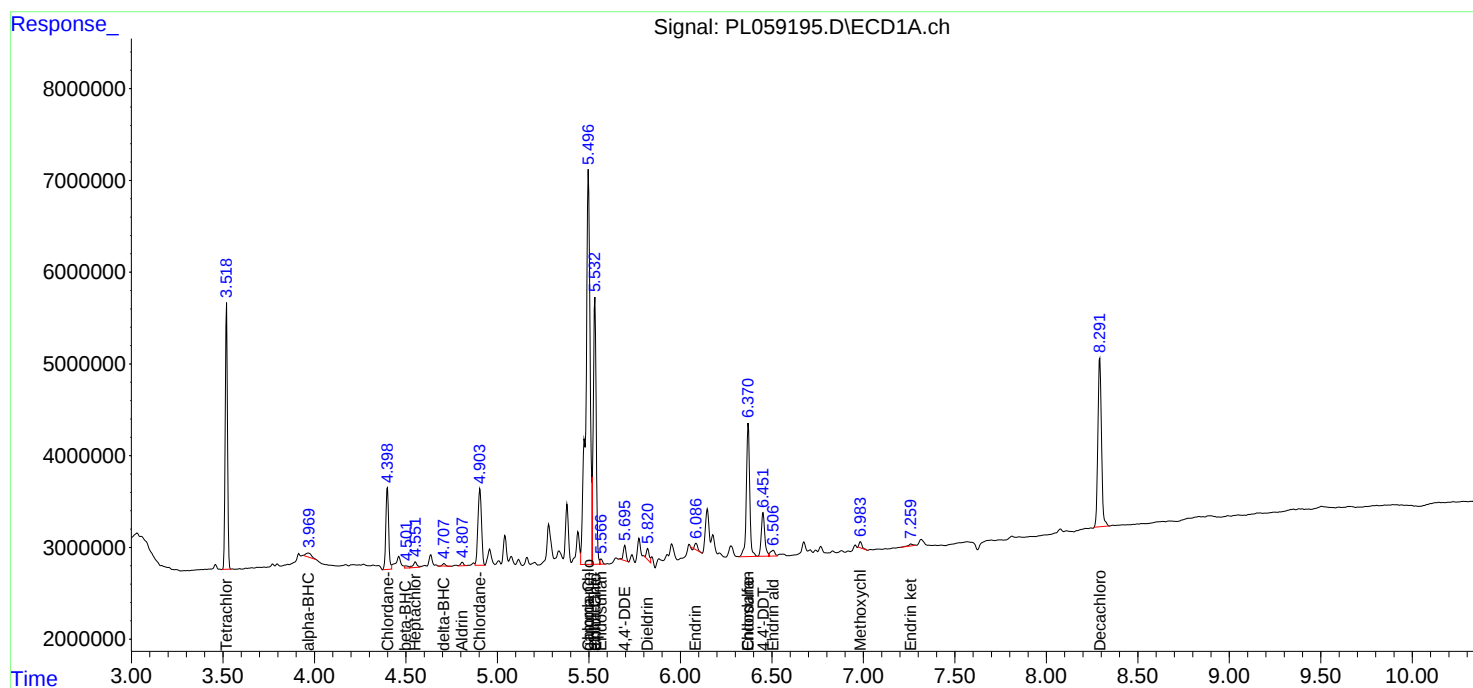
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

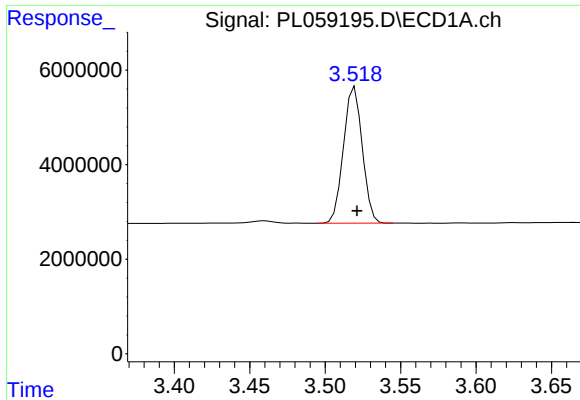
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060920\  
Data File : PL059195.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Jun 2020 14:09  
Operator : AJ\MA  
Sample : L2951-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
239988

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 09 15:02:36 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 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

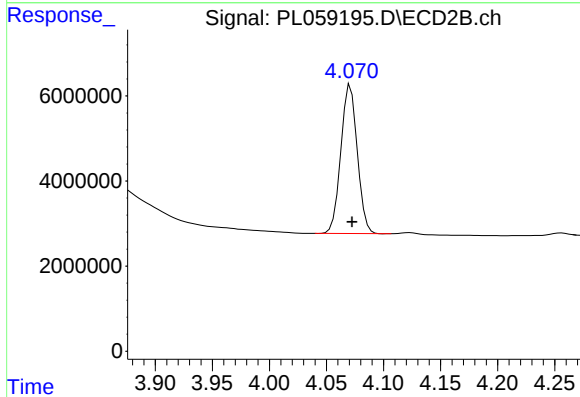




#1 Tetrachloro-m-xylene

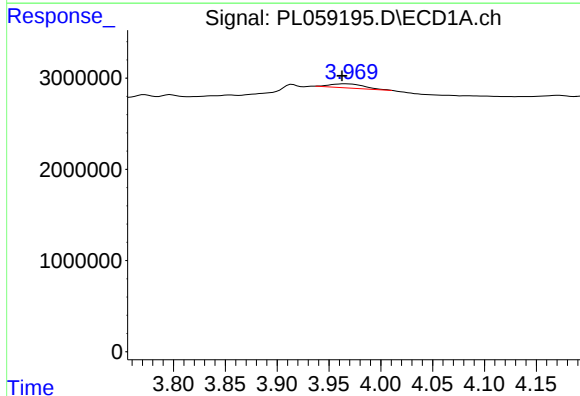
R.T.: 3.520 min  
Delta R.T.: -0.001 min  
Response: 25036699  
Conc: 14.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



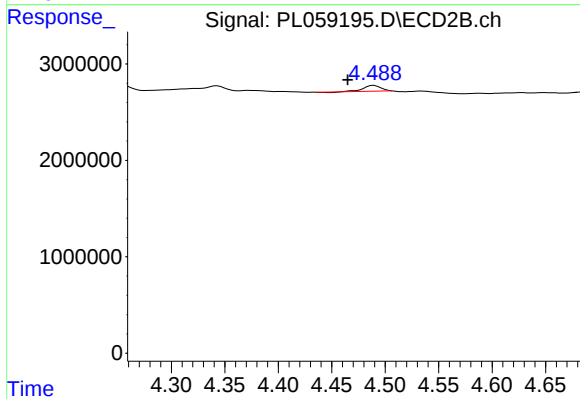
#1 Tetrachloro-m-xylene

R.T.: 4.071 min  
Delta R.T.: -0.001 min  
Response: 35058934  
Conc: 13.47 ng/ml



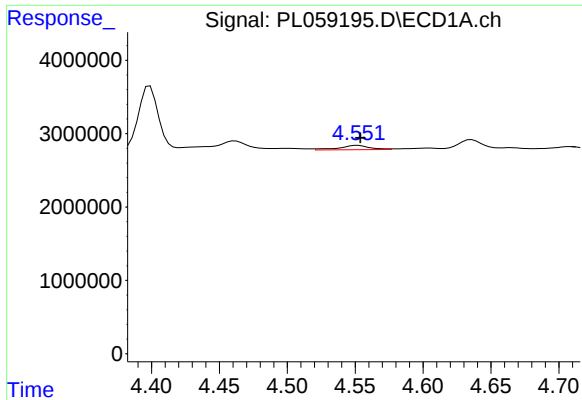
#2 alpha-BHC

R.T.: 3.967 min  
Delta R.T.: 0.004 min  
Response: 946025  
Conc: 0.38 ng/ml



#2 alpha-BHC

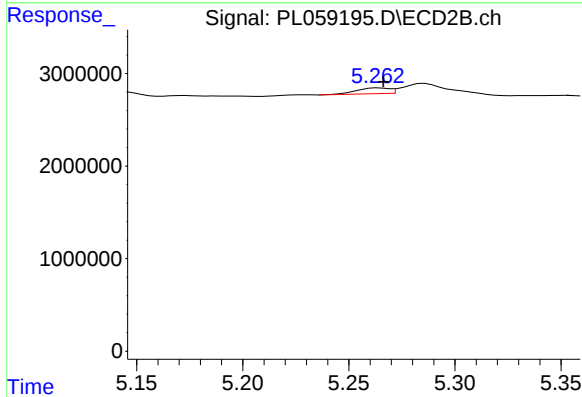
R.T.: 4.490 min  
Delta R.T.: 0.025 min  
Response: 660768  
Conc: 0.17 ng/ml



#4 Heptachlor

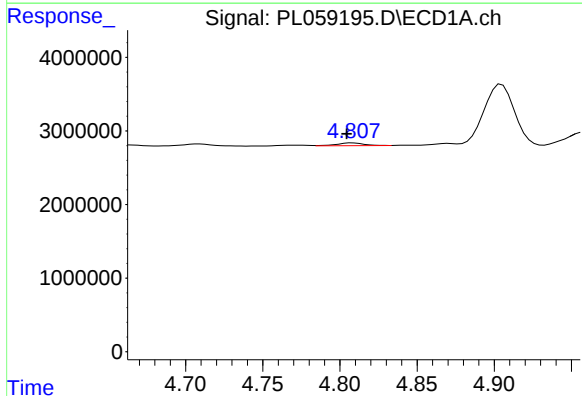
R.T.: 4.552 min  
Delta R.T.: -0.002 min  
Response: 913075  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



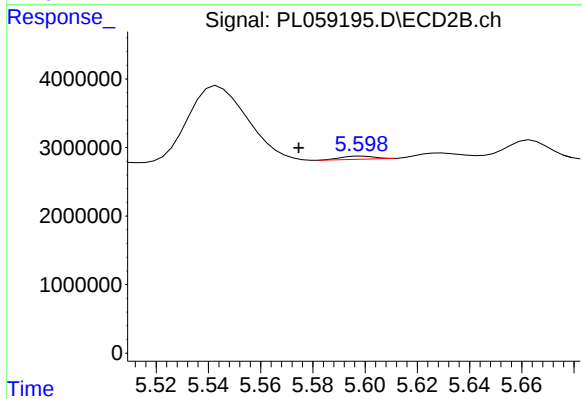
#4 Heptachlor

R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 662829  
Conc: 0.19 ng/ml



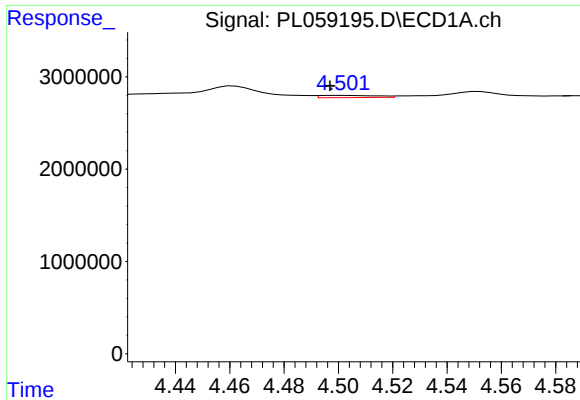
#5 Aldrin

R.T.: 4.809 min  
Delta R.T.: 0.004 min  
Response: 440074  
Conc: 0.25 ng/ml



#5 Aldrin

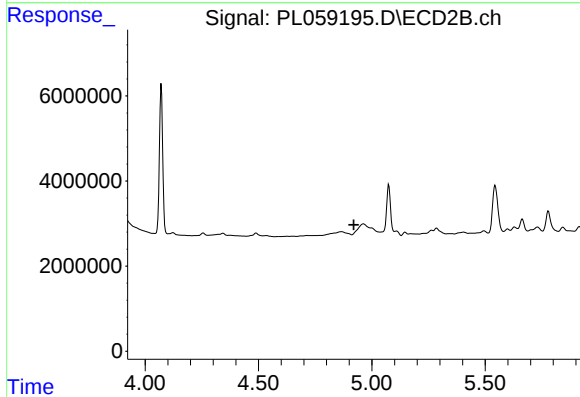
R.T.: 5.599 min  
Delta R.T.: 0.024 min  
Response: 399311  
Conc: 0.13 ng/ml



#6 beta-BHC

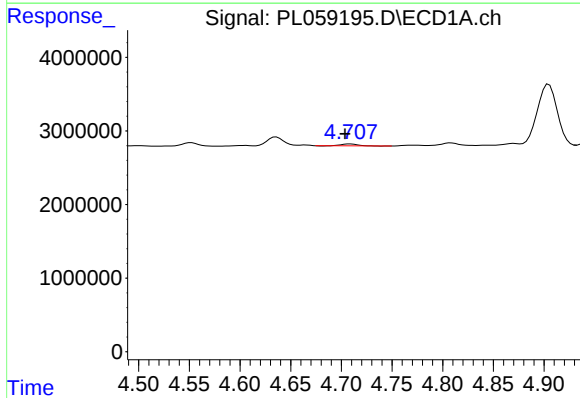
R.T.: 4.500 min  
Delta R.T.: 0.003 min  
Response: 356564  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



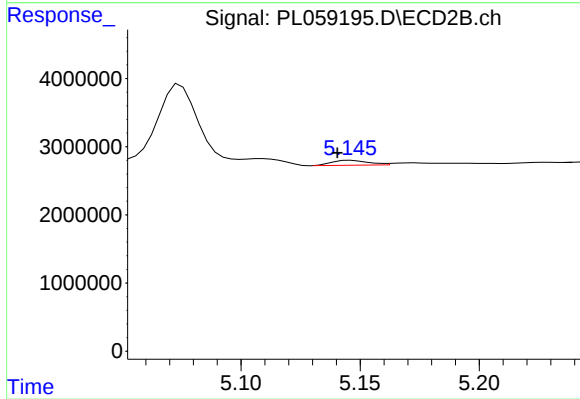
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.920 min  
Response: 0  
Conc: N.D.



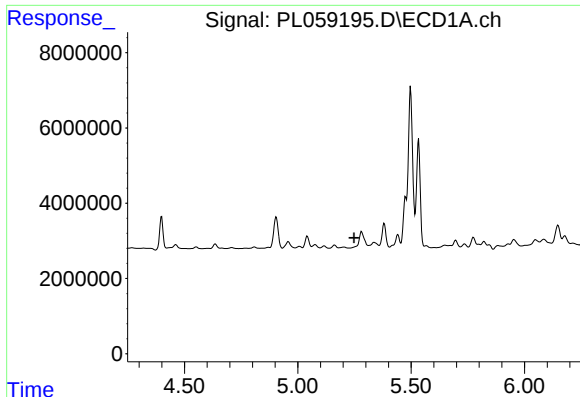
#7 delta-BHC

R.T.: 4.708 min  
Delta R.T.: 0.005 min  
Response: 275856  
Conc: 0.14 ng/ml



#7 delta-BHC

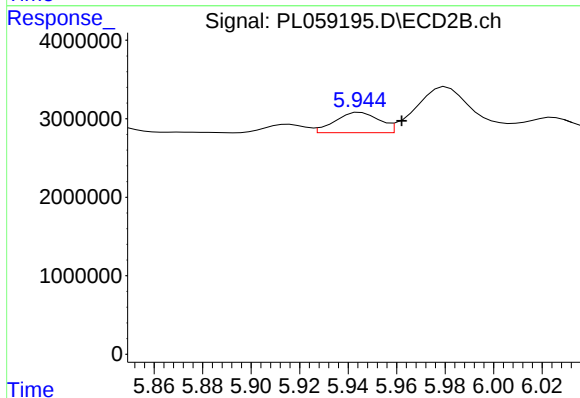
R.T.: 5.146 min  
Delta R.T.: 0.006 min  
Response: 773496  
Conc: 0.28 ng/ml



#8 Heptachlor epoxide

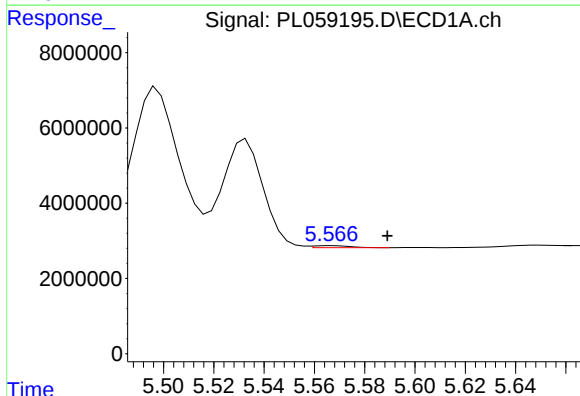
R.T.: 0.000 min  
Exp R.T.: 5.248 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
239988



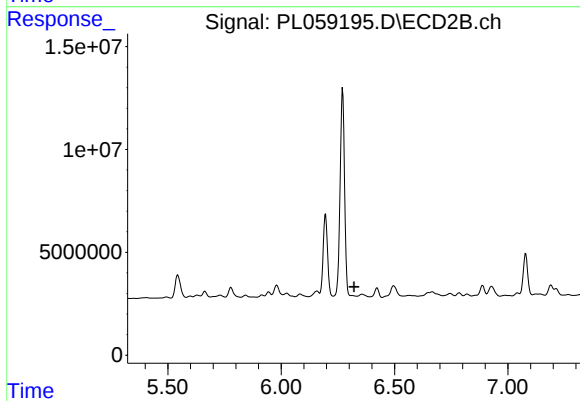
#8 Heptachlor epoxide

R.T.: 5.945 min  
Delta R.T.: -0.017 min  
Response: 3273575  
Conc: 1.18 ng/ml



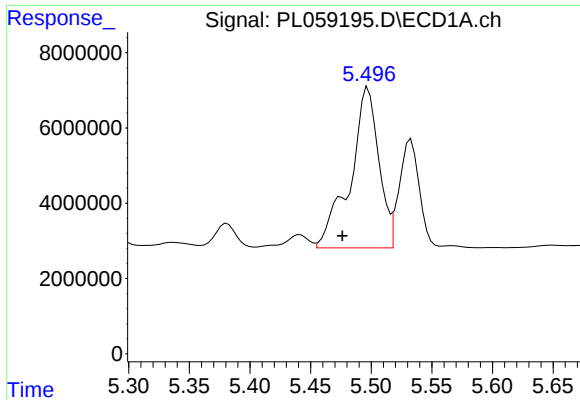
#9 Endosulfan I

R.T.: 5.567 min  
Delta R.T.: -0.022 min  
Response: 544173  
Conc: 0.35 ng/ml



#9 Endosulfan I

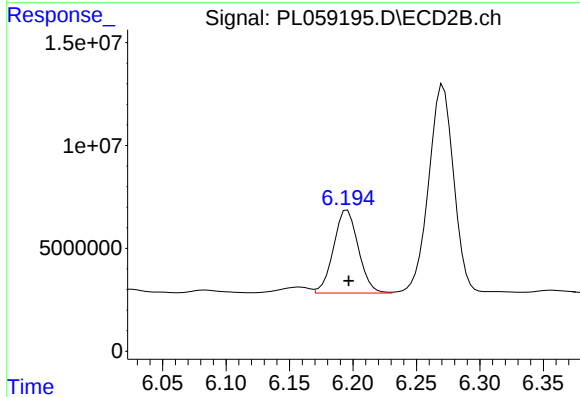
R.T.: 0.000 min  
Exp R.T.: 6.321 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

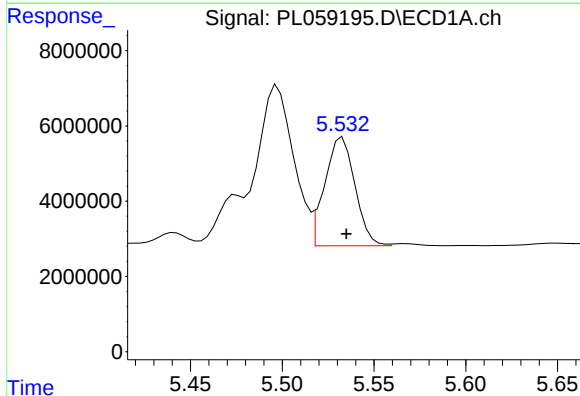
R.T.: 5.497 min  
Delta R.T.: 0.021 min  
Response: 70010047  
Conc: 41.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



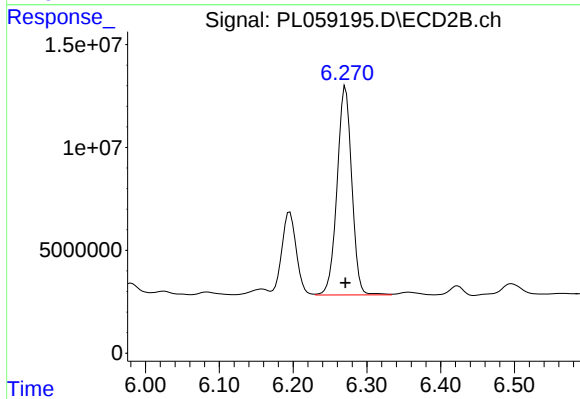
#10 gamma-Chlordane

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 54742852  
Conc: 18.30 ng/ml



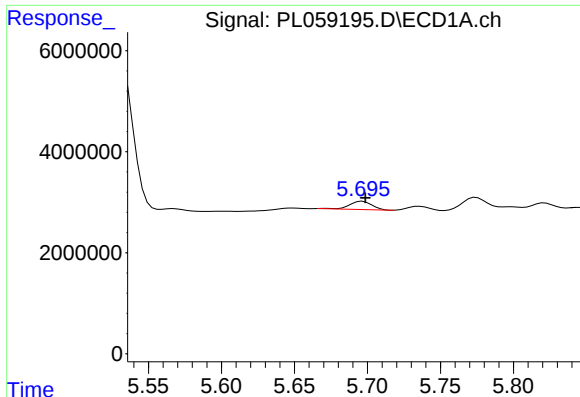
#11 alpha-Chlordane

R.T.: 5.533 min  
Delta R.T.: -0.002 min  
Response: 33000534  
Conc: 19.78 ng/ml



#11 alpha-Chlordane

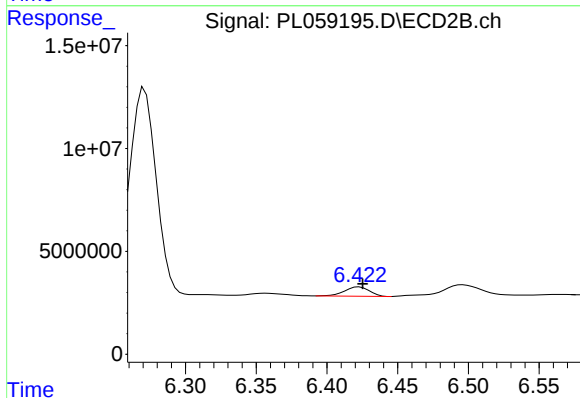
R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 139952504  
Conc: 46.05 ng/ml



#12 4,4'-DDE

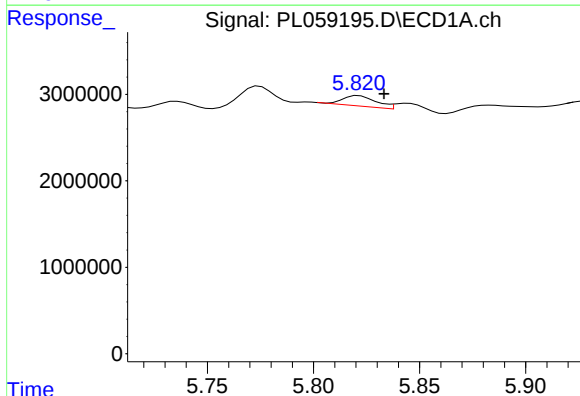
R.T.: 5.697 min  
Delta R.T.: -0.002 min  
Response: 1746352  
Conc: 1.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



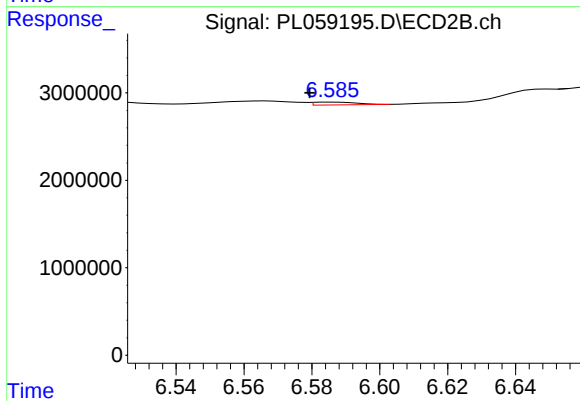
#12 4,4'-DDE

R.T.: 6.423 min  
Delta R.T.: -0.002 min  
Response: 5566932  
Conc: 2.00 ng/ml



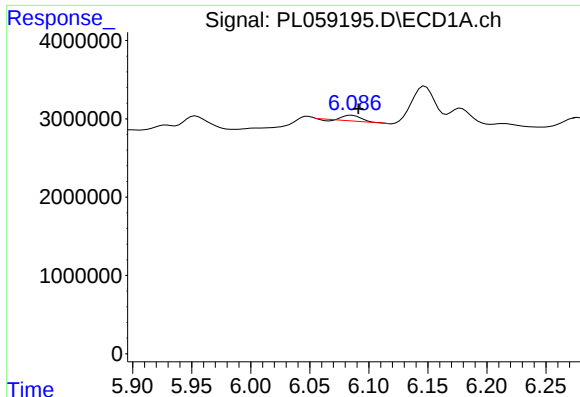
#13 Dieldrin

R.T.: 5.822 min  
Delta R.T.: -0.012 min  
Response: 1321364  
Conc: 0.81 ng/ml



#13 Dieldrin

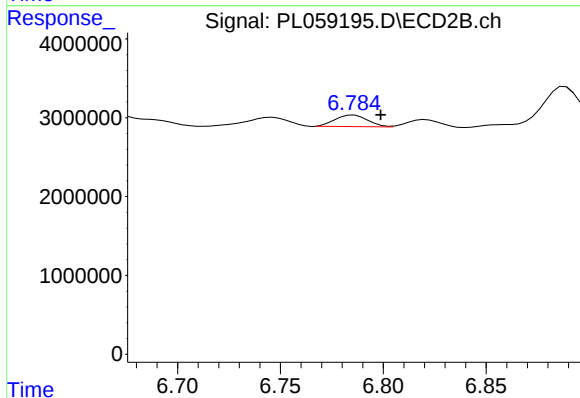
R.T.: 6.587 min  
Delta R.T.: 0.007 min  
Response: 280284  
Conc: 0.10 ng/ml



#14 Endrin

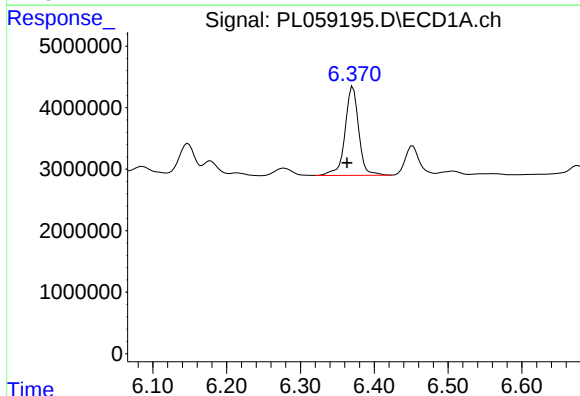
R.T.: 6.086 min  
Delta R.T.: -0.006 min  
Response: 744253  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



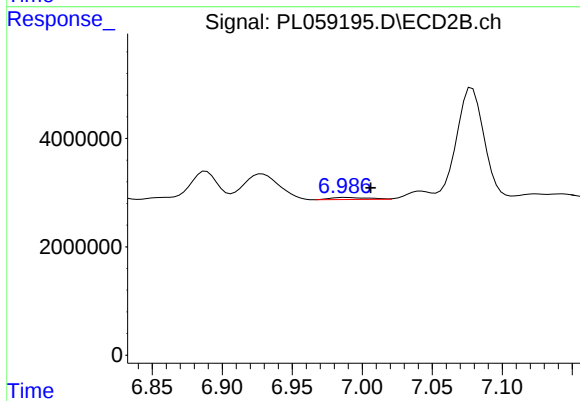
#14 Endrin

R.T.: 6.786 min  
Delta R.T.: -0.013 min  
Response: 1620854  
Conc: 0.65 ng/ml



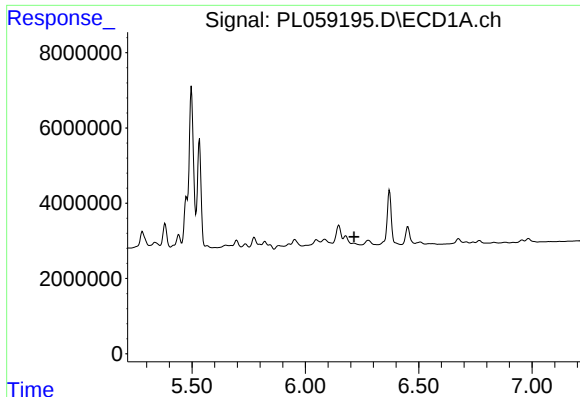
#15 Endosulfan II

R.T.: 6.371 min  
Delta R.T.: 0.008 min  
Response: 18536457  
Conc: 11.99 ng/ml



#15 Endosulfan II

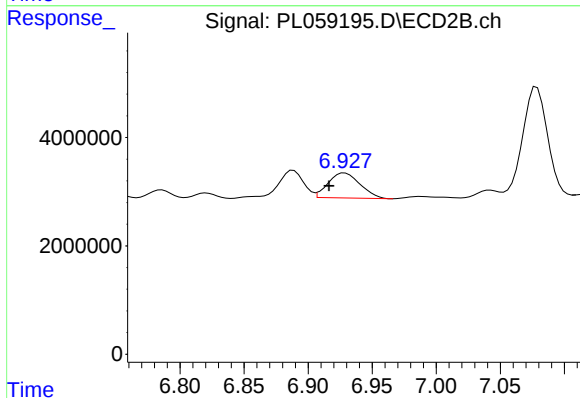
R.T.: 6.988 min  
Delta R.T.: -0.018 min  
Response: 718630  
Conc: 0.28 ng/ml



#16 4,4'-DDD

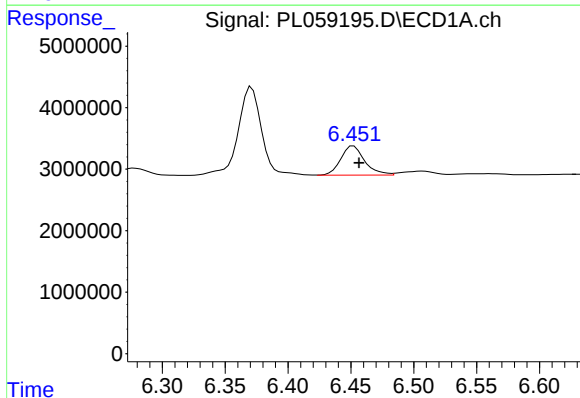
R.T.: 0.000 min  
Exp R.T.: 6.215 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
239988



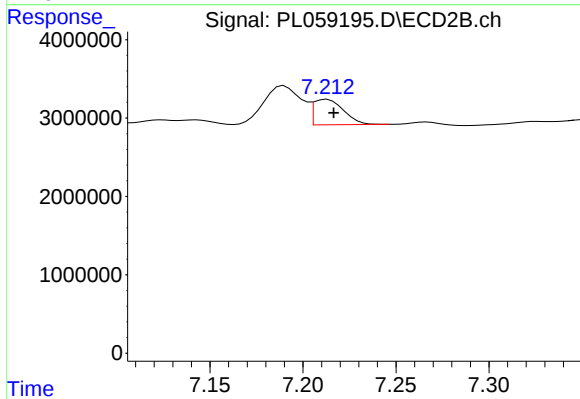
#16 4,4'-DDD

R.T.: 6.928 min  
Delta R.T.: 0.012 min  
Response: 7980337  
Conc: 3.44 ng/ml



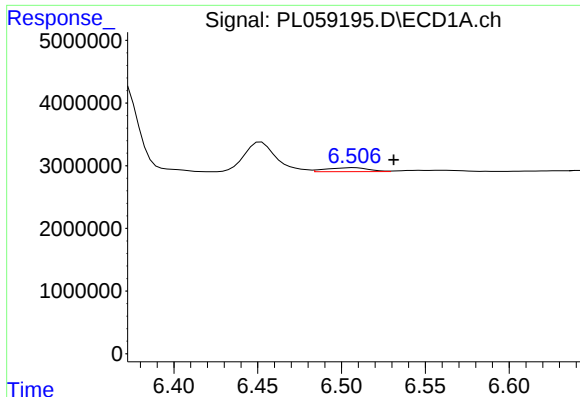
#17 4,4'-DDT

R.T.: 6.452 min  
Delta R.T.: -0.005 min  
Response: 6293160  
Conc: 4.99 ng/ml



#17 4,4'-DDT

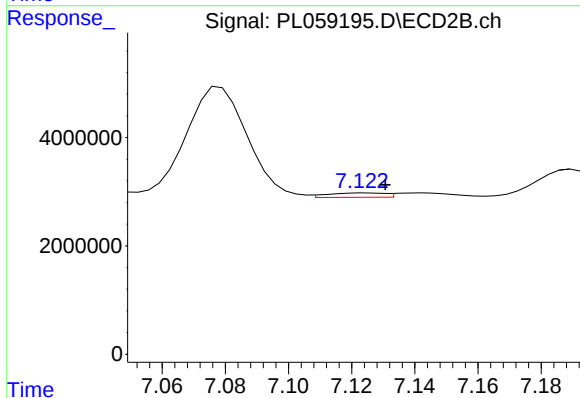
R.T.: 7.213 min  
Delta R.T.: -0.004 min  
Response: 3675944  
Conc: 1.61 ng/ml



#18 Endrin aldehyde

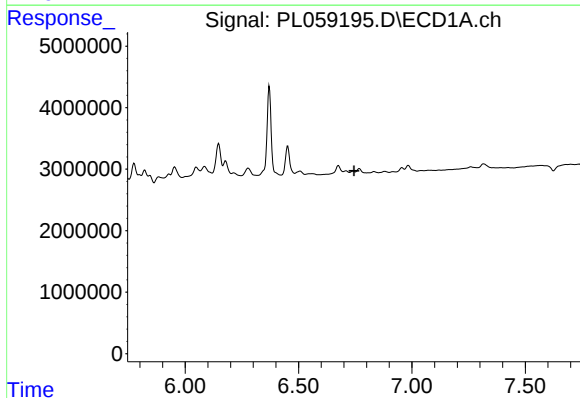
R.T.: 6.507 min  
Delta R.T.: -0.024 min  
Response: 1090500  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



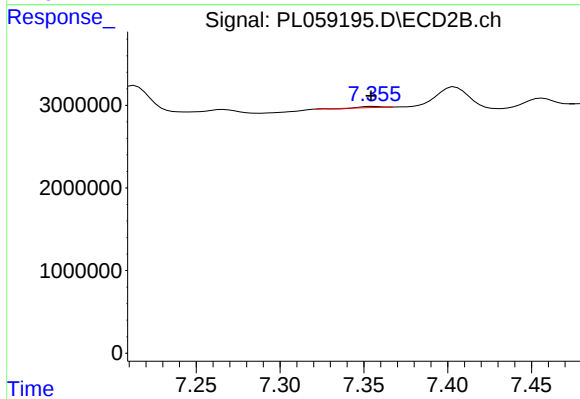
#18 Endrin aldehyde

R.T.: 7.124 min  
Delta R.T.: -0.006 min  
Response: 1008148  
Conc: 0.44 ng/ml



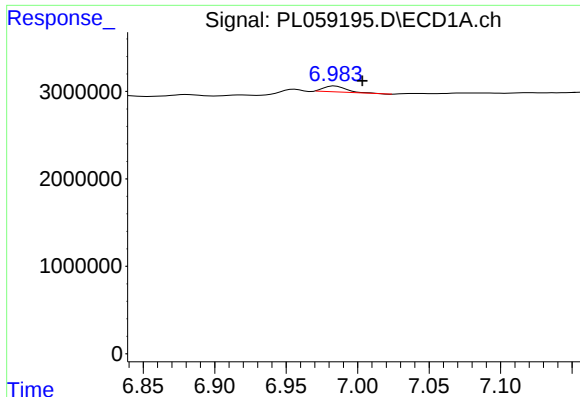
#19 Endosulfan Sulfate

R.T.: 6.740 min  
Delta R.T.: -0.005 min  
Response: -97153  
Conc: N.D.



#19 Endosulfan Sulfate

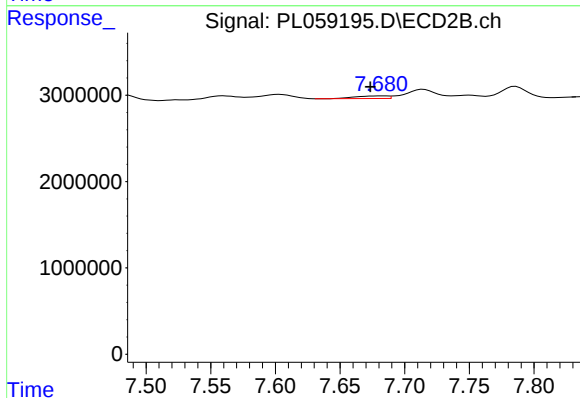
R.T.: 7.356 min  
Delta R.T.: 0.002 min  
Response: 60291  
Conc: 0.02 ng/ml



#20 Methoxychlor

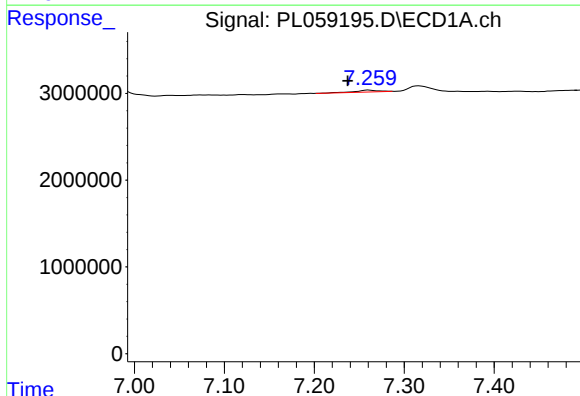
R.T.: 6.984 min  
Delta R.T.: -0.019 min  
Response: 754367  
Conc: 0.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



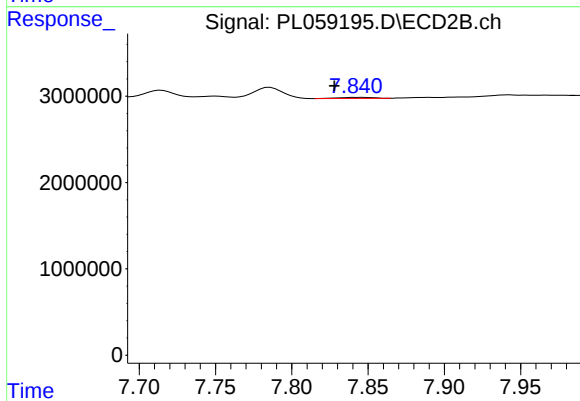
#20 Methoxychlor

R.T.: 7.681 min  
Delta R.T.: 0.008 min  
Response: 521213  
Conc: 0.40 ng/ml



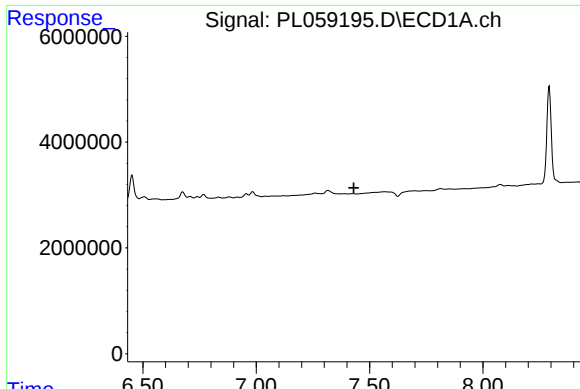
#21 Endrin ketone

R.T.: 7.260 min  
Delta R.T.: 0.023 min  
Response: 386634  
Conc: 0.22 ng/ml



#21 Endrin ketone

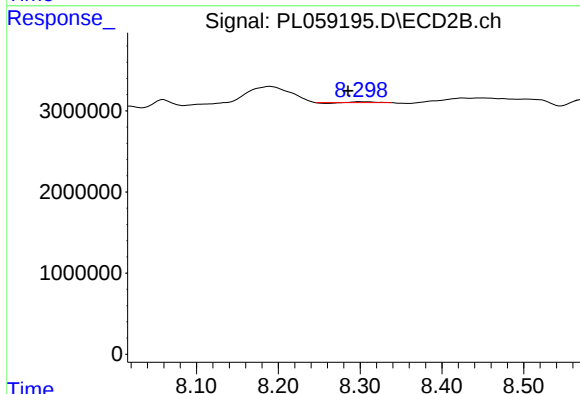
R.T.: 7.843 min  
Delta R.T.: 0.015 min  
Response: 195748  
Conc: 0.07 ng/ml



#22 Mirex

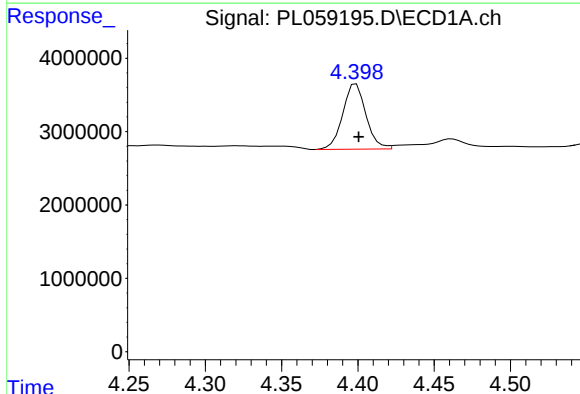
R.T.: 0.000 min  
Exp R.T.: 7.430 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
239988



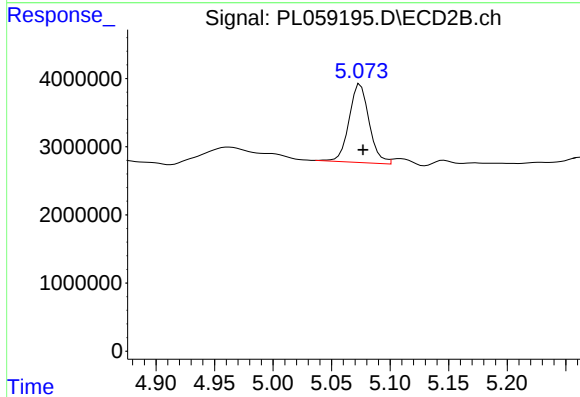
#22 Mirex

R.T.: 8.299 min  
Delta R.T.: 0.014 min  
Response: 132031  
Conc: 0.07 ng/ml



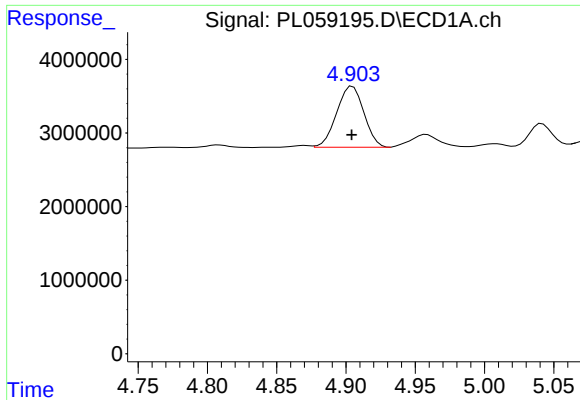
#23 Chlordane-1

R.T.: 4.399 min  
Delta R.T.: -0.002 min  
Response: 9420287  
Conc: 187.28 ng/ml



#23 Chlordane-1

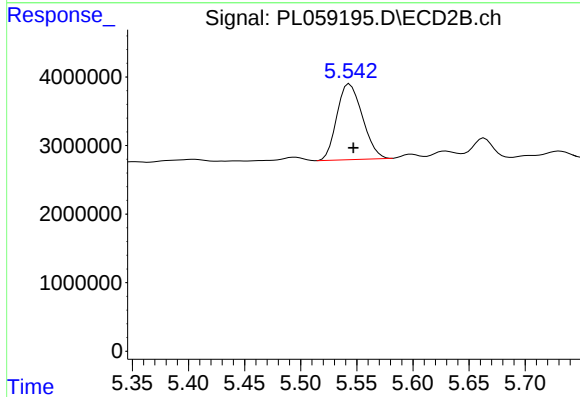
R.T.: 5.075 min  
Delta R.T.: -0.002 min  
Response: 13748494  
Conc: 136.08 ng/ml



#24 Chlordane-2

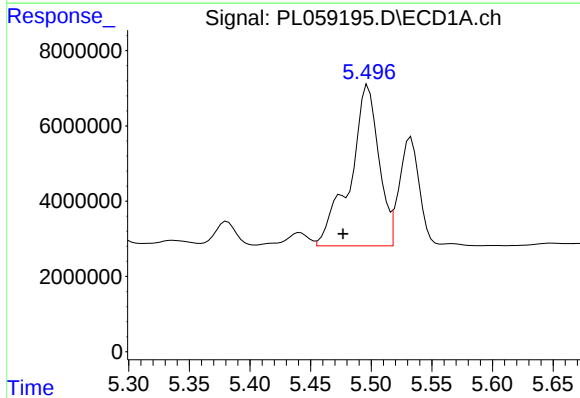
R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 11328563  
Conc: 217.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



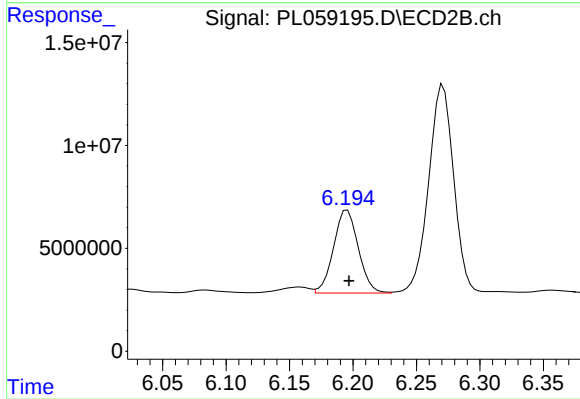
#24 Chlordane-2

R.T.: 5.544 min  
Delta R.T.: -0.003 min  
Response: 17470577  
Conc: 183.11 ng/ml



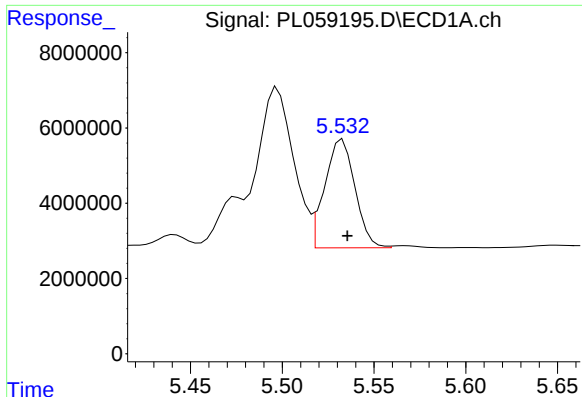
#25 Chlordane-3

R.T.: 5.497 min  
Delta R.T.: 0.021 min  
Response: 70010047  
Conc: 473.78 ng/ml



#25 Chlordane-3

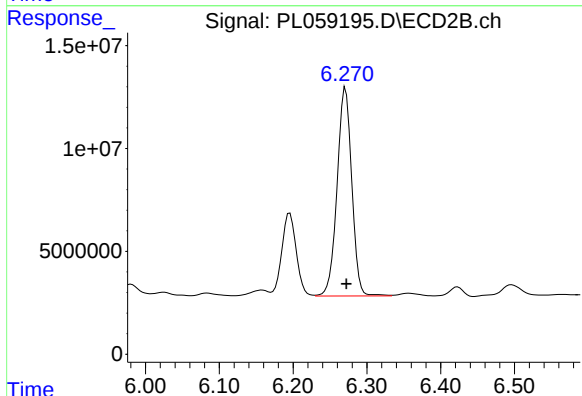
R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 54742852  
Conc: 145.98 ng/ml



#26 Chlordane-4

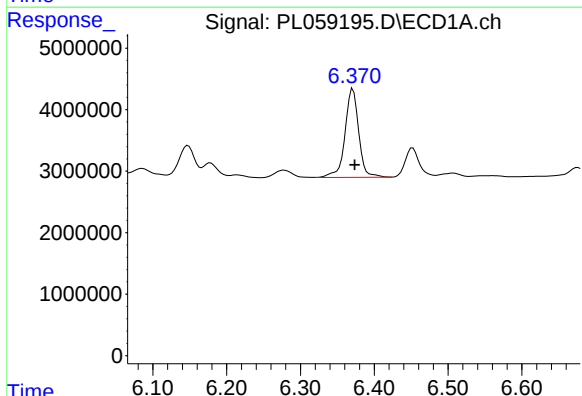
R.T.: 5.533 min  
Delta R.T.: -0.003 min  
Response: 33000534  
Conc: 275.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



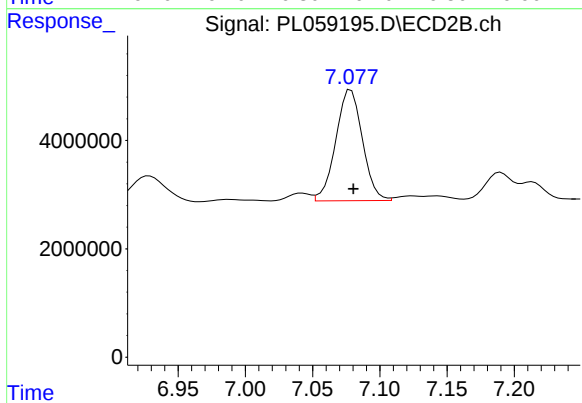
#26 Chlordane-4

R.T.: 6.271 min  
Delta R.T.: -0.001 min  
Response: 139952504  
Conc: 307.56 ng/ml



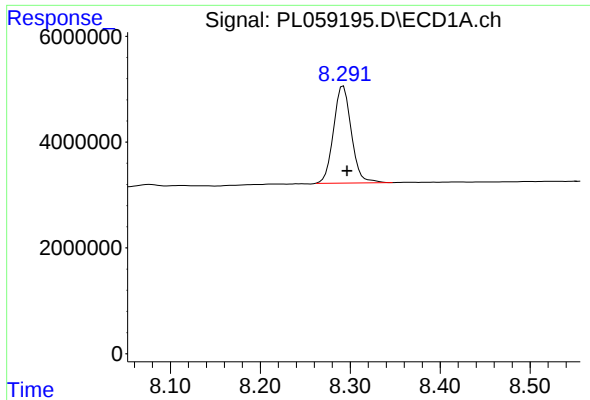
#27 Chlordane-5

R.T.: 6.371 min  
Delta R.T.: -0.003 min  
Response: 18536457  
Conc: 372.49 ng/ml



#27 Chlordane-5

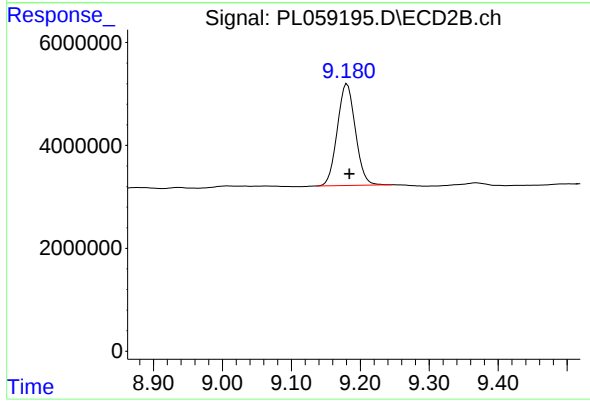
R.T.: 7.078 min  
Delta R.T.: -0.002 min  
Response: 28155585  
Conc: 355.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.292 min  
Delta R.T.: -0.004 min  
Response: 25277696  
Conc: 15.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
239988



#28 Decachlorobiphenyl

R.T.: 9.181 min  
Delta R.T.: -0.003 min  
Response: 36048327  
Conc: 15.21 ng/ml