

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
 Data File : PL059615.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jul 2020 00:20  
 Operator : AJ\MA  
 Sample : L3153-34  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 01:38:29 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 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... | 3.517  | 4.071  | 27452372 | 41088201 | 15.285   | 15.450   |
| 2)                          | SA Decachlor... | 8.286  | 9.182  | 17898383 | 26803939 | 11.659   | 12.331   |
| Target Compounds            |                 |        |        |          |          |          |          |
| 2)                          | A alpha-BHC     | 3.963  | 0.000  | 2146866  | 0        | 0.835    | N.D. #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.750  | 0        | 97113    | N.D.     | 0.027 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.266  | 0        | 1413477  | N.D.     | 0.403 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.576  | 0        | 372882   | N.D.     | 0.118 #  |
| 8)                          | B Heptachlo...  | 5.267f | 5.936f | 177177   | 6465265  | 0.109    | 2.660 #  |
| 9)                          | A Endosulfan I  | 5.587  | 0.000  | 162529   | 0        | 0.106    | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.463  | 6.201  | 673348   | -897958  | 0.412    | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.540  | 6.257  | 4873711  | 8985654  | 2.968    | 3.038    |
| 12)                         | B 4,4'-DDE      | 5.692  | 6.424  | 2502.6E6 | 4008.5E6 | 1669.368 | 1502.567 |
| 13)                         | MA Dieldrin     | 5.842f | 6.597f | 3944871  | 1055461  | 2.471    | 0.375 #  |
| 14)                         | MA Endrin       | 6.083  | 6.822f | 107.8E6  | 187.8E6  | 72.899   | 76.375   |
| 15)                         | B Endosulfa...  | 0.000  | 7.001  | 0        | 12282922 | N.D.     | 4.782 #  |
| 16)                         | A 4,4'-DDD      | 6.207  | 6.915  | 28715620 | 48280696 | 21.513   | 20.277   |
| 17)                         | MA 4,4'-DDT     | 6.449  | 7.216  | 1298.1E6 | 2060.1E6 | 1022.501 | 910.901  |
| 18)                         | B Endrin al...  | 6.504f | 0.000  | 8588209  | 0        | 6.805    | N.D. #   |
| 19)                         | B Endosulfa...  | 6.737  | 0.000  | 843819   | 0        | 0.588    | N.D. #   |
| 20)                         | A Methoxychlor  | 6.978f | 0.000  | 341425   | 0        | 0.446    | N.D. #   |
| 21)                         | B Endrin ke...  | 7.214  | 0.000  | 1325098  | 0        | 0.803    | N.D. #   |
| 22)                         | Mirex           | 7.419  | 0.000  | 79513    | 0        | 0.061    | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 5.537  | 0        | 349955   | N.D.     | 3.437 #  |
| 25)                         | Chlordane-3     | 5.463  | 6.201  | 673348   | -897958  | 4.728    | N.D. #   |
| 26)                         | Chlordane-4     | 5.540  | 6.257  | 4873711  | 8985654  | 40.779   | 19.950 # |
| 27)                         | Chlordane-5     | 0.000  | 7.068  | 0        | 1227628  | N.D.     | 14.107 # |
| -----                       |                 |        |        |          |          |          |          |

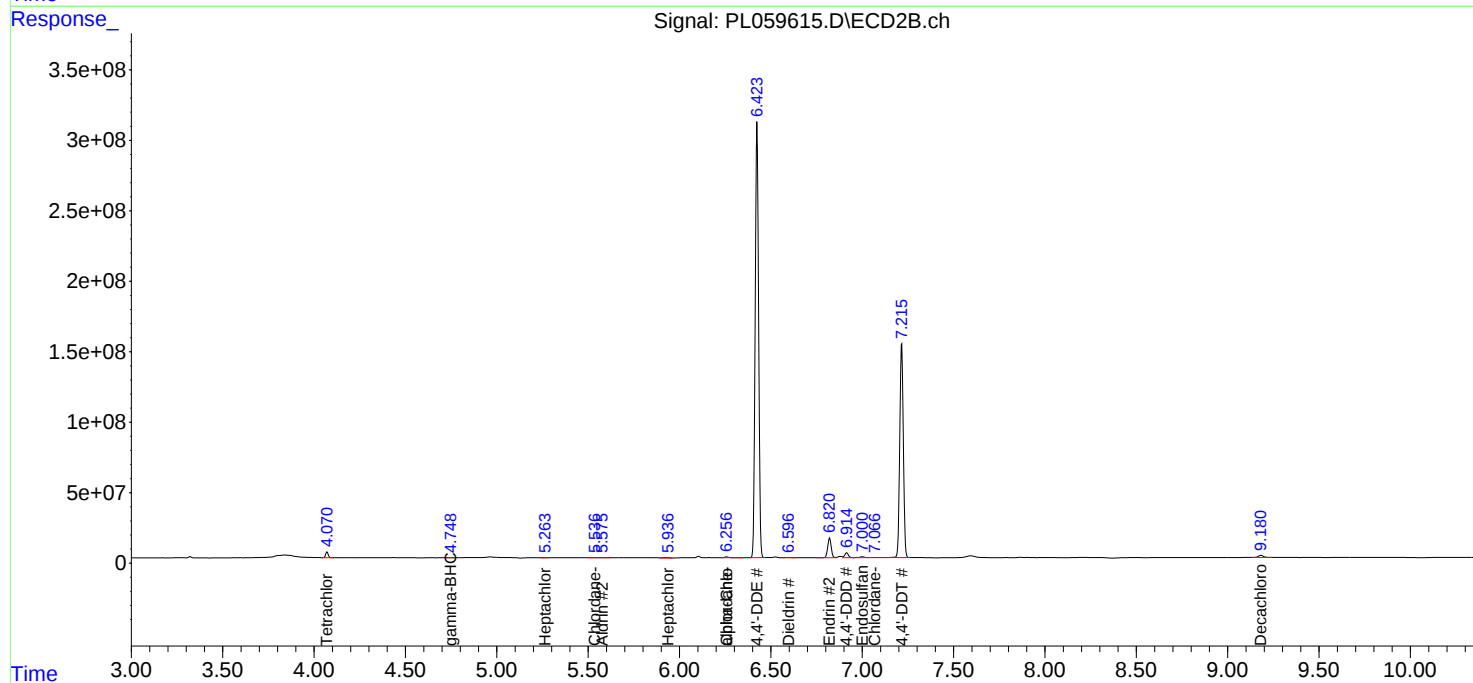
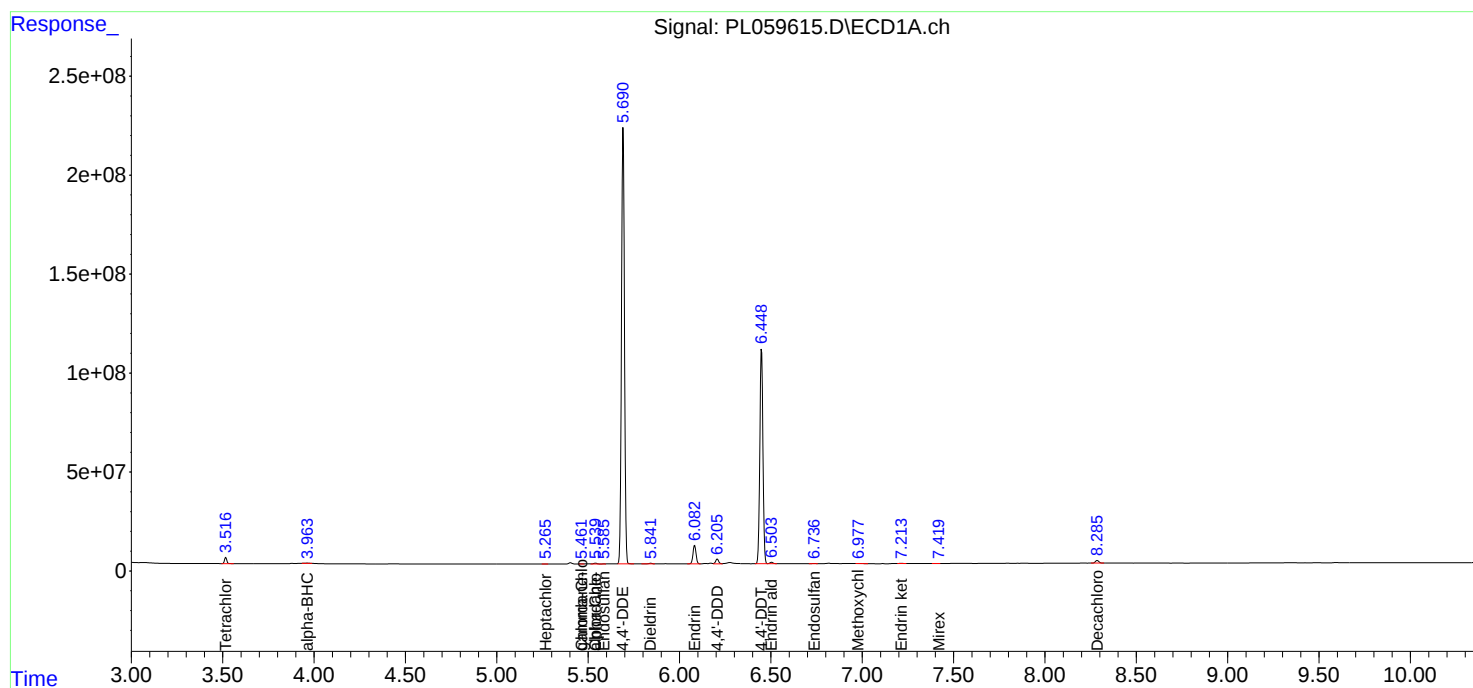
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

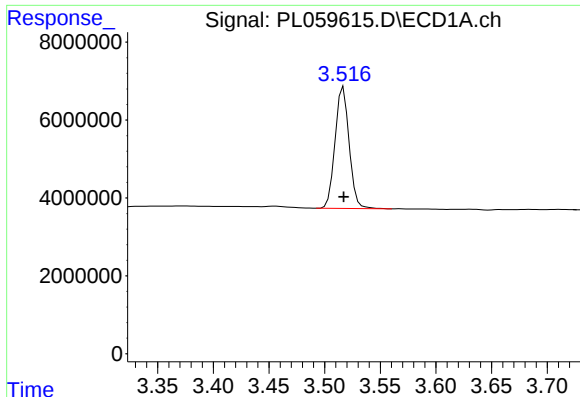
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
Data File : PL059615.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Jul 2020 00:20  
Operator : AJ\MA  
Sample : L3153-34  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 01:38:29 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 01 01:23:58 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

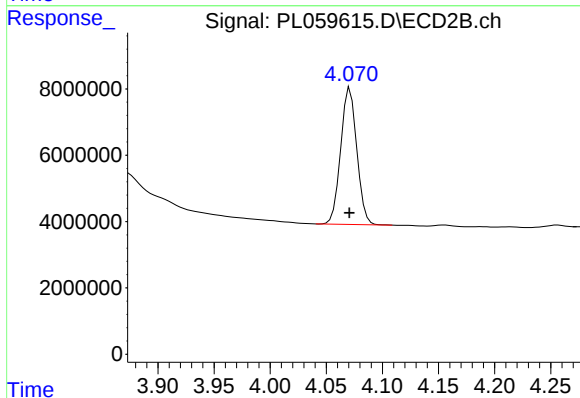




#1 Tetrachloro-m-xylene

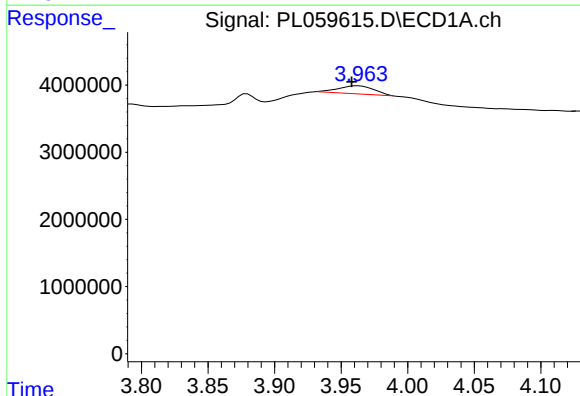
R.T.: 3.517 min  
Delta R.T.: 0.000 min  
Response: 27452372  
Conc: 15.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



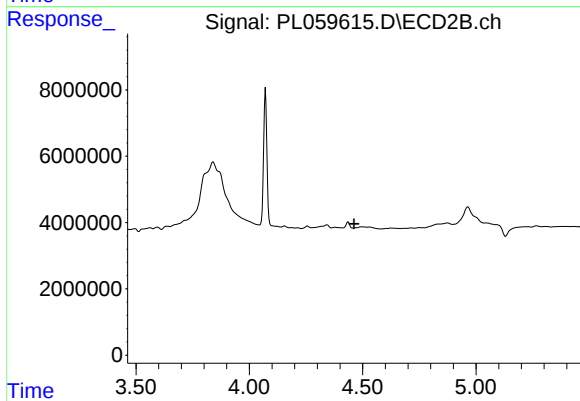
#1 Tetrachloro-m-xylene

R.T.: 4.071 min  
Delta R.T.: 0.000 min  
Response: 41088201  
Conc: 15.45 ng/ml



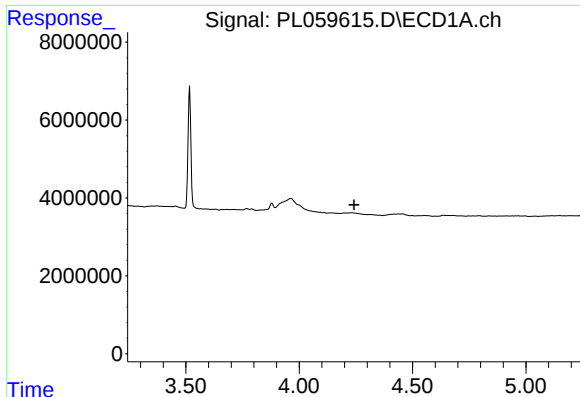
#2 alpha-BHC

R.T.: 3.963 min  
Delta R.T.: 0.005 min  
Response: 2146866  
Conc: 0.83 ng/ml



#2 alpha-BHC

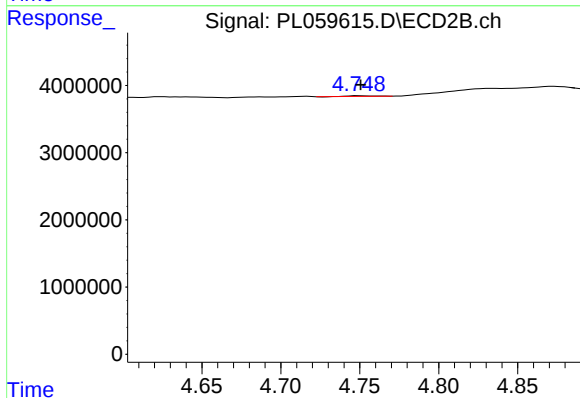
R.T.: 0.000 min  
Exp R.T. : 4.463 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

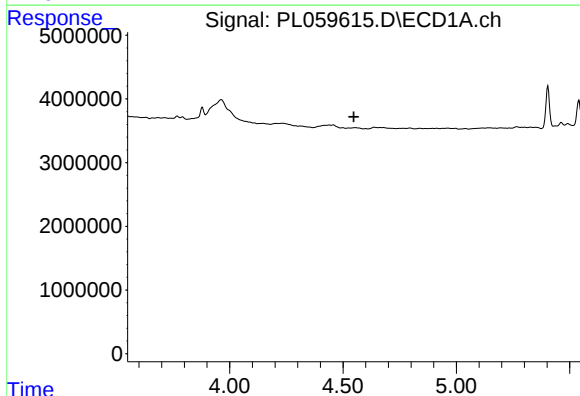
R.T.: 0.000 min  
Exp R.T. : 4.243 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



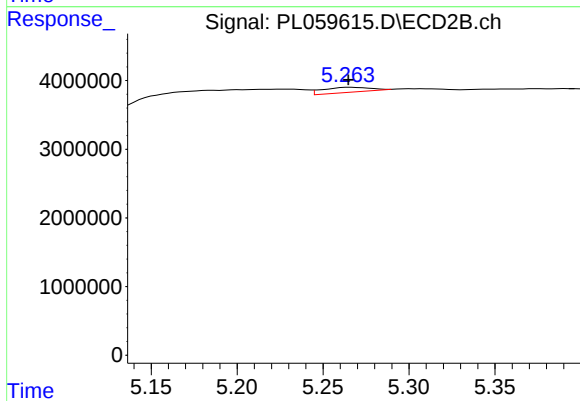
#3 gamma-BHC (Lindane)

R.T.: 4.750 min  
Delta R.T.: 0.000 min  
Response: 97113  
Conc: 0.03 ng/ml



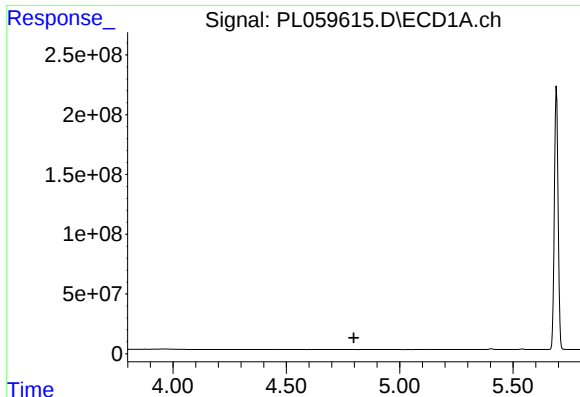
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.548 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

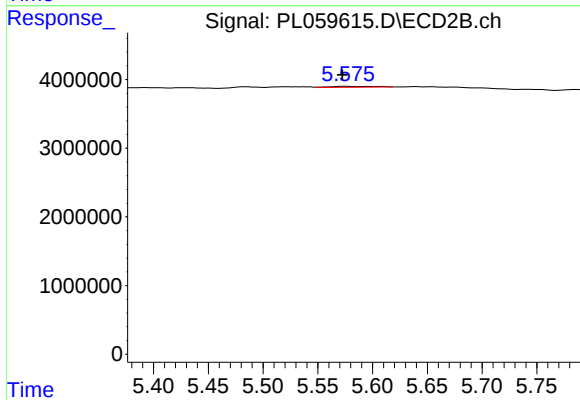
R.T.: 5.266 min  
Delta R.T.: 0.001 min  
Response: 1413477  
Conc: 0.40 ng/ml



#5 Aldrin

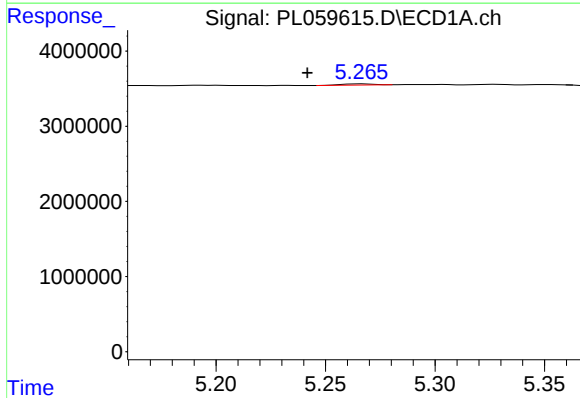
R.T.: 0.000 min  
Exp R.T.: 4.798 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



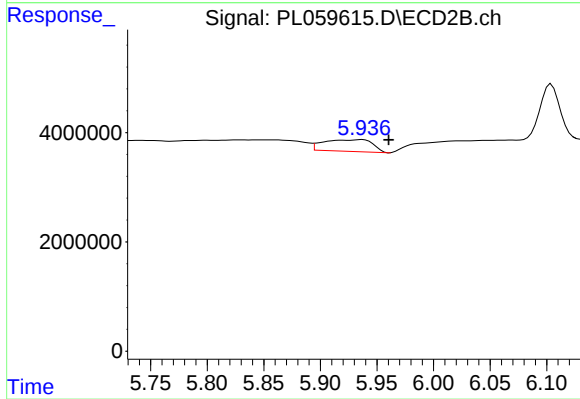
#5 Aldrin

R.T.: 5.576 min  
Delta R.T.: 0.003 min  
Response: 372882  
Conc: 0.12 ng/ml



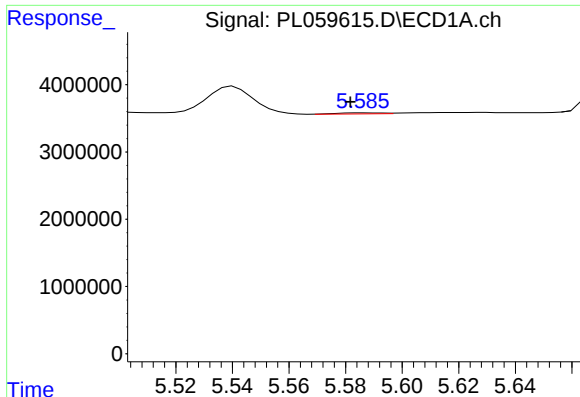
#8 Heptachlor epoxide

R.T.: 5.267 min  
Delta R.T.: 0.025 min  
Response: 177177  
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

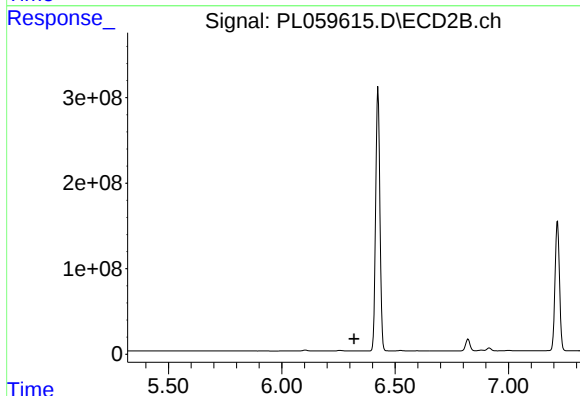
R.T.: 5.936 min  
Delta R.T.: -0.024 min  
Response: 6465265  
Conc: 2.66 ng/ml



#9 Endosulfan I

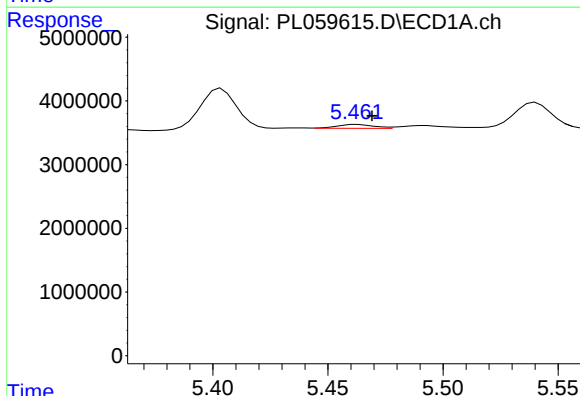
R.T.: 5.587 min  
Delta R.T.: 0.005 min  
Response: 162529  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



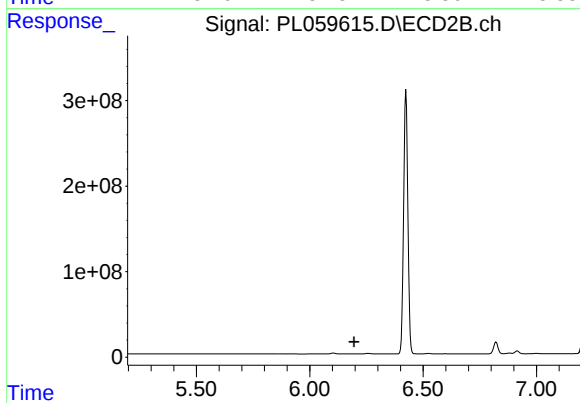
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.319 min  
Response: 0  
Conc: N.D.



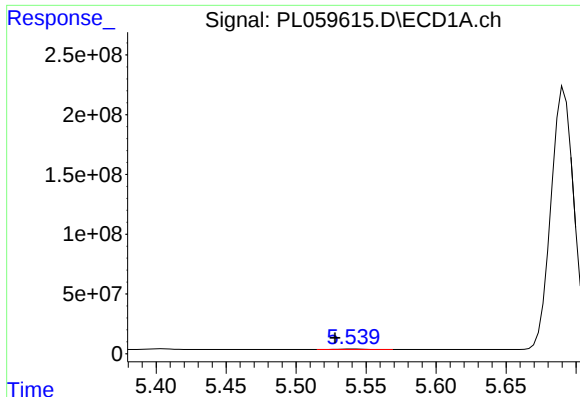
#10 gamma-Chlordane

R.T.: 5.463 min  
Delta R.T.: -0.006 min  
Response: 673348  
Conc: 0.41 ng/ml



#10 gamma-Chlordane

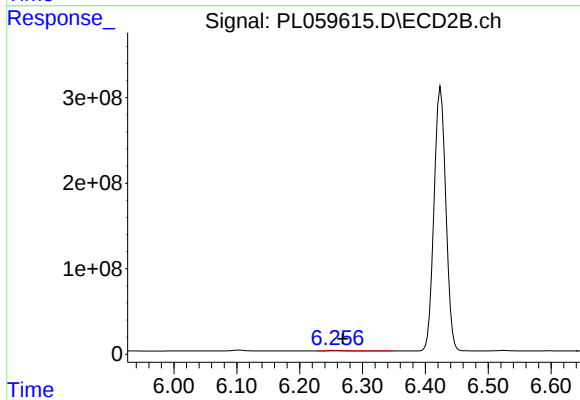
R.T.: 6.201 min  
Delta R.T.: 0.005 min  
Response: -897958  
Conc: N.D.



#11 alpha-Chlordane

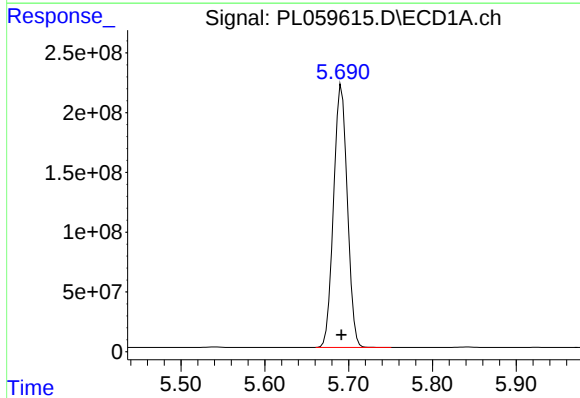
R.T.: 5.540 min  
Delta R.T.: 0.012 min  
Response: 4873711  
Conc: 2.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



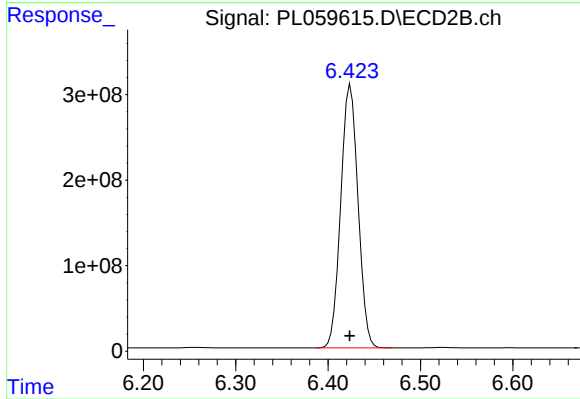
#11 alpha-Chlordane

R.T.: 6.257 min  
Delta R.T.: -0.011 min  
Response: 8985654  
Conc: 3.04 ng/ml



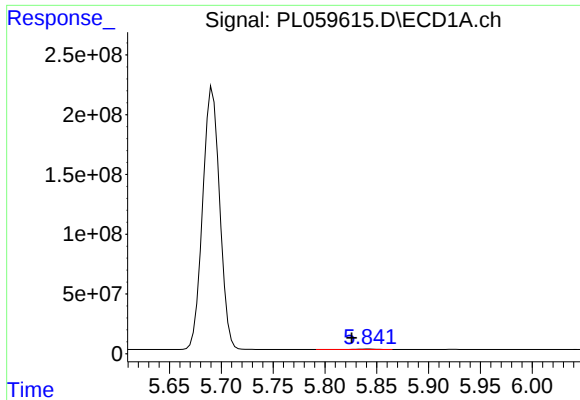
#12 4,4'-DDE

R.T.: 5.692 min  
Delta R.T.: 0.000 min  
Response: 2502553599  
Conc: 1669.37 ng/ml



#12 4,4'-DDE

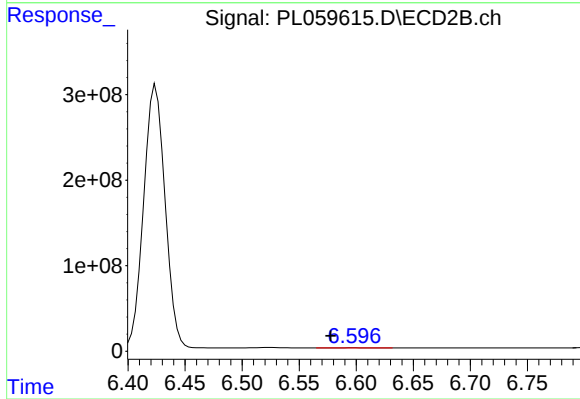
R.T.: 6.424 min  
Delta R.T.: 0.000 min  
Response: 4008536399  
Conc: 1502.57 ng/ml



#13 Dieldrin

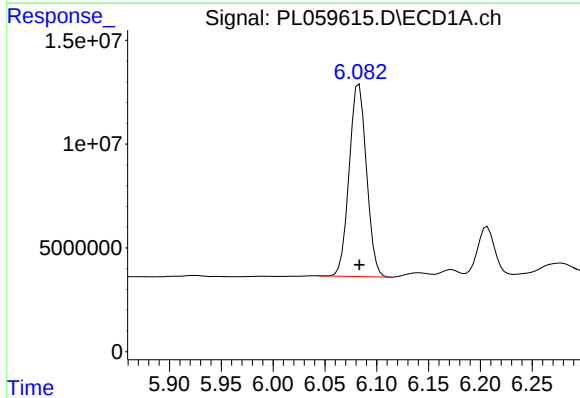
R.T.: 5.842 min  
Delta R.T.: 0.016 min  
Response: 3944871  
Conc: 2.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



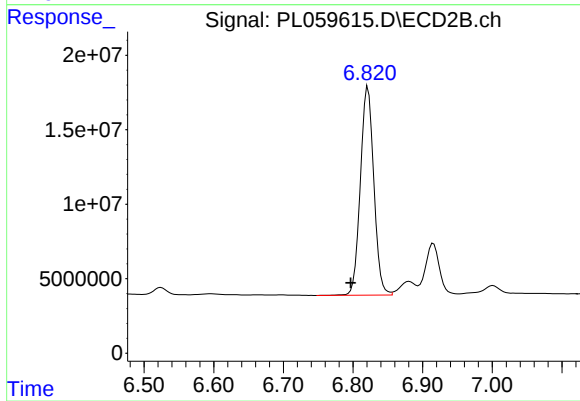
#13 Dieldrin

R.T.: 6.597 min  
Delta R.T.: 0.020 min  
Response: 1055461  
Conc: 0.37 ng/ml



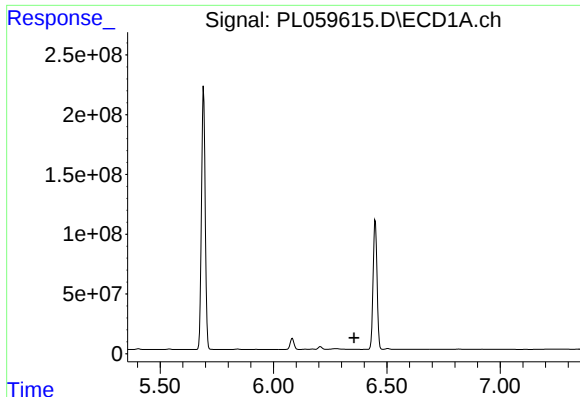
#14 Endrin

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 107791763  
Conc: 72.90 ng/ml



#14 Endrin

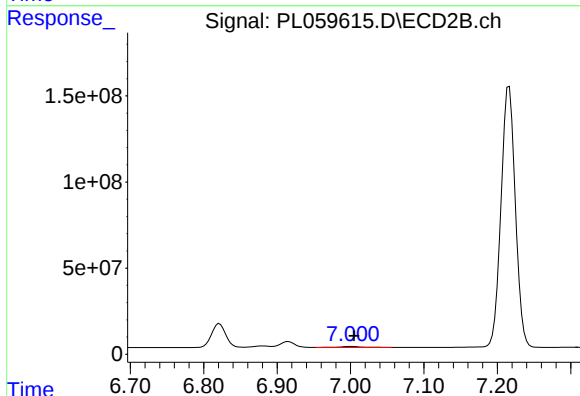
R.T.: 6.822 min  
Delta R.T.: 0.025 min  
Response: 187827871  
Conc: 76.37 ng/ml



#15 Endosulfan II

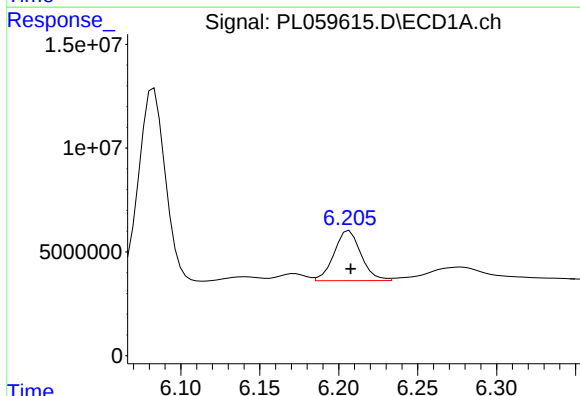
R.T.: 0.000 min  
Exp R.T.: 6.356 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



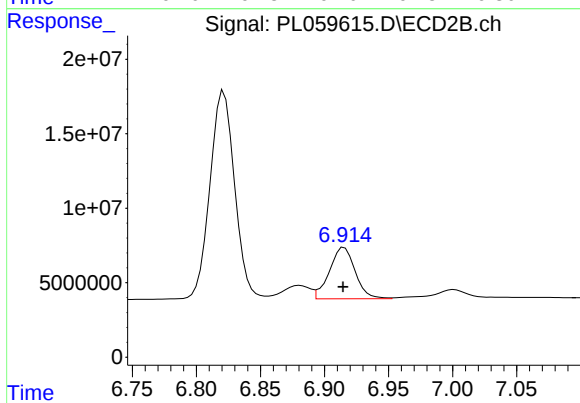
#15 Endosulfan II

R.T.: 7.001 min  
Delta R.T.: -0.004 min  
Response: 12282922  
Conc: 4.78 ng/ml



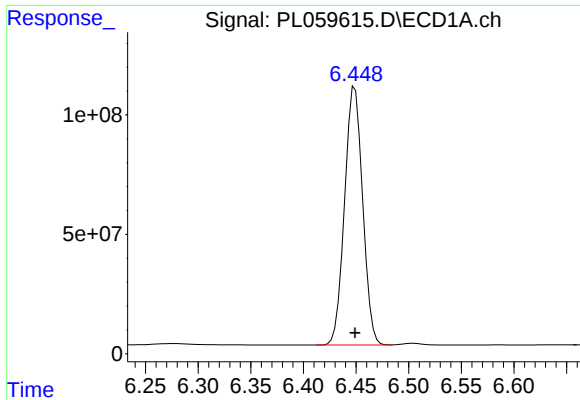
#16 4,4'-DDD

R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 28715620  
Conc: 21.51 ng/ml



#16 4,4'-DDD

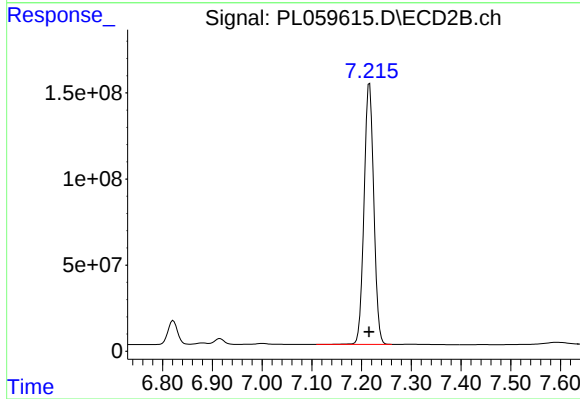
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 48280696  
Conc: 20.28 ng/ml



#17 4,4'-DDT

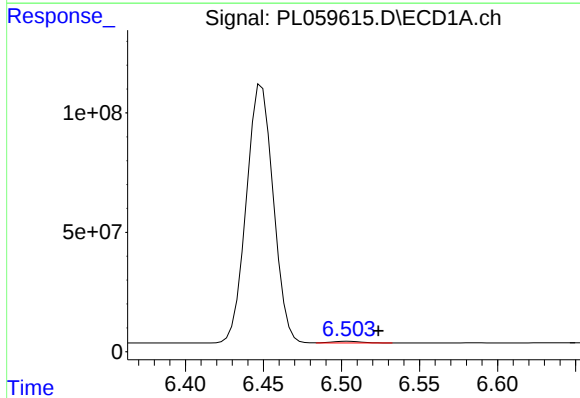
R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 1298062554  
Conc: 1022.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



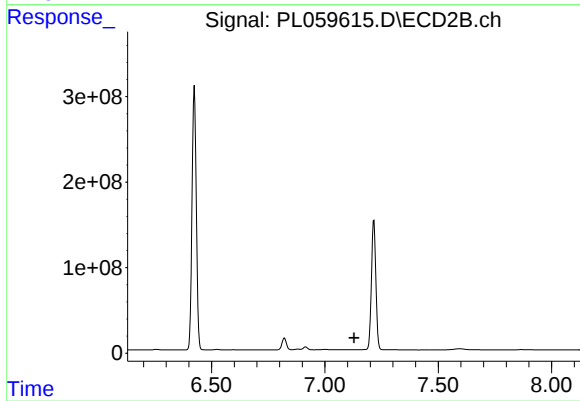
#17 4,4'-DDT

R.T.: 7.216 min  
Delta R.T.: 0.001 min  
Response: 2060077050  
Conc: 910.90 ng/ml



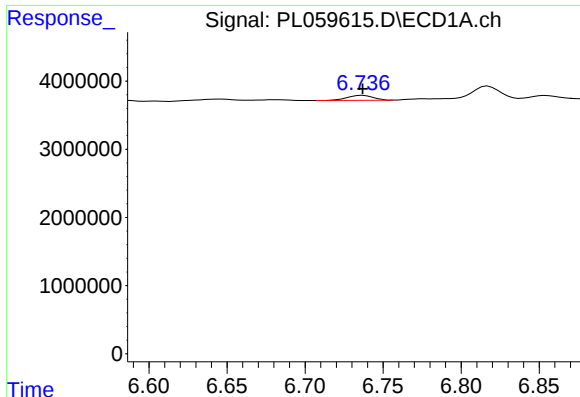
#18 Endrin aldehyde

R.T.: 6.504 min  
Delta R.T.: -0.019 min  
Response: 8588209  
Conc: 6.80 ng/ml



#18 Endrin aldehyde

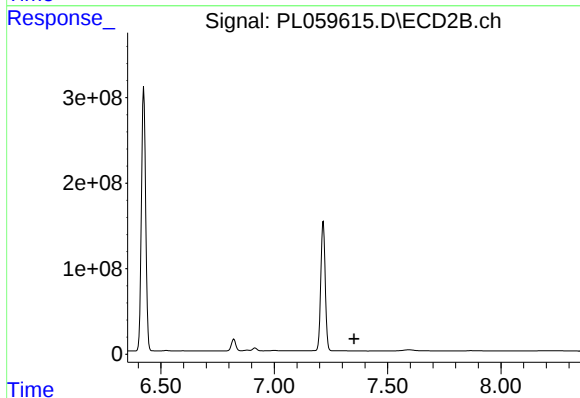
R.T.: 0.000 min  
Exp R.T.: 7.129 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

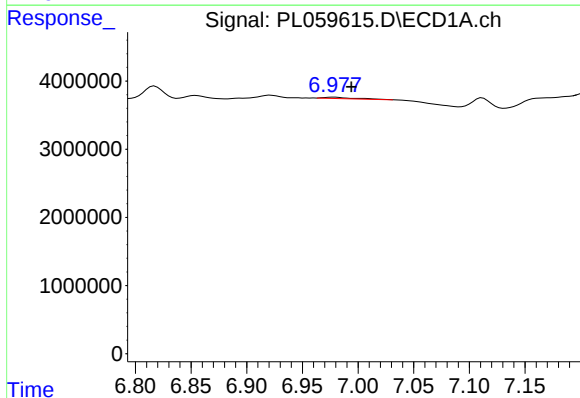
R.T.: 6.737 min  
Delta R.T.: 0.000 min  
Response: 843819  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



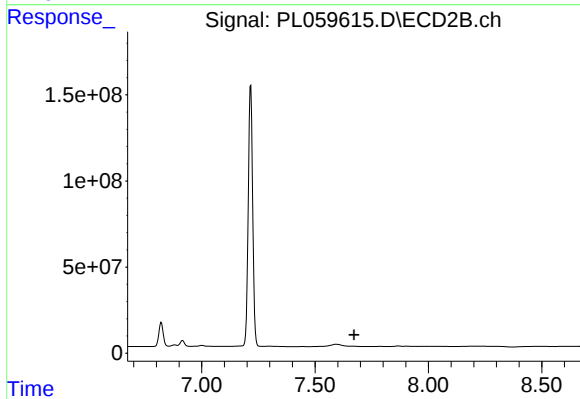
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.352 min  
Response: 0  
Conc: N.D.



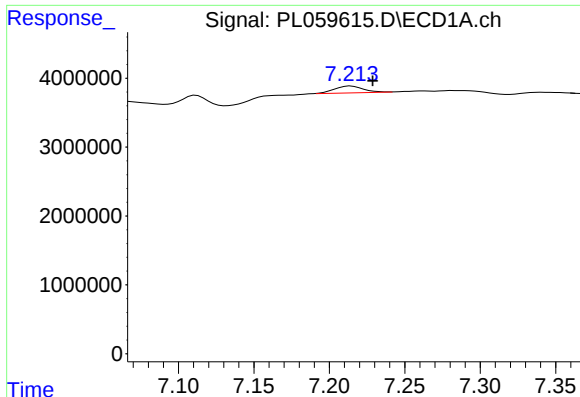
#20 Methoxychlor

R.T.: 6.978 min  
Delta R.T.: -0.016 min  
Response: 341425  
Conc: 0.45 ng/ml



#20 Methoxychlor

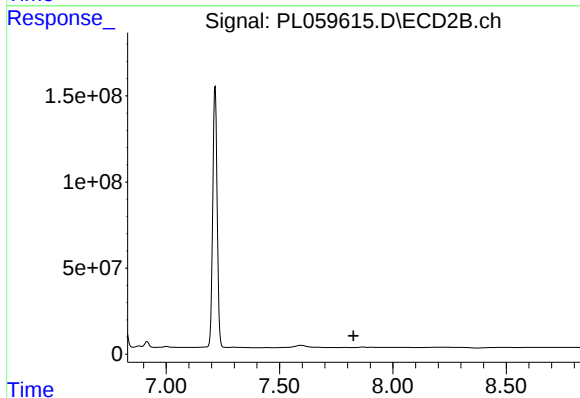
R.T.: 0.000 min  
Exp R.T. : 7.672 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

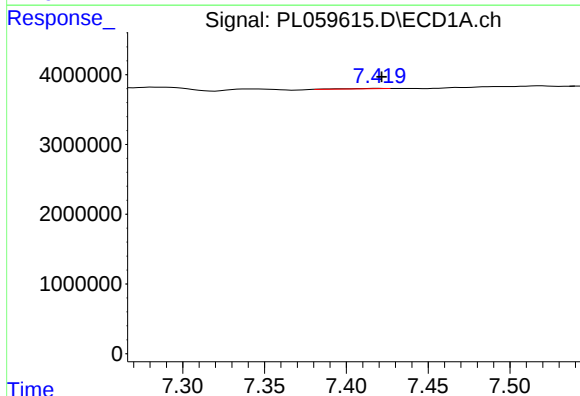
R.T.: 7.214 min  
Delta R.T.: -0.014 min  
Response: 1325098  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



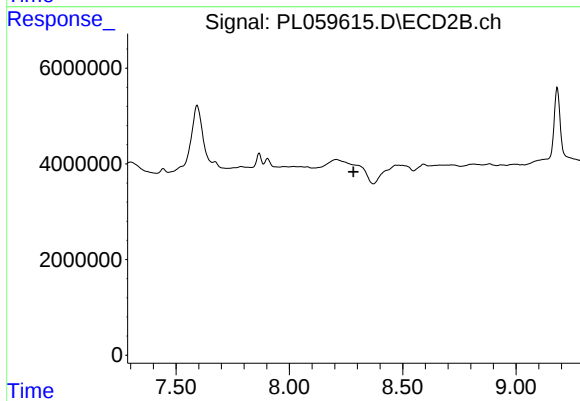
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.826 min  
Response: 0  
Conc: N.D.



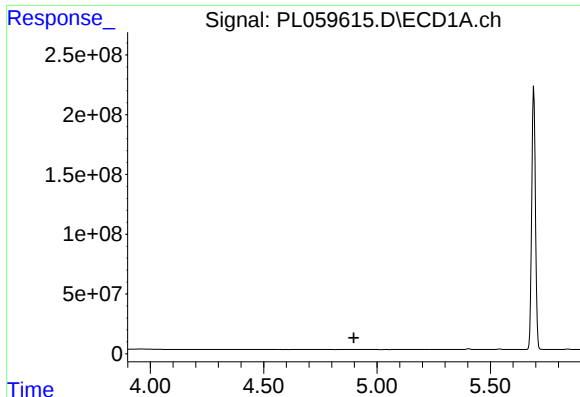
#22 Mirex

R.T.: 7.419 min  
Delta R.T.: -0.002 min  
Response: 79513  
Conc: 0.06 ng/ml



#22 Mirex

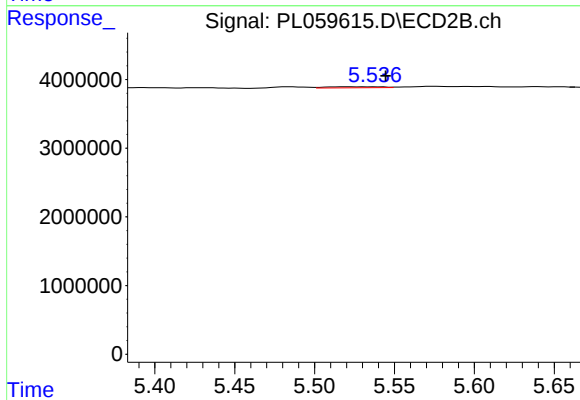
R.T.: 0.000 min  
Exp R.T. : 8.283 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

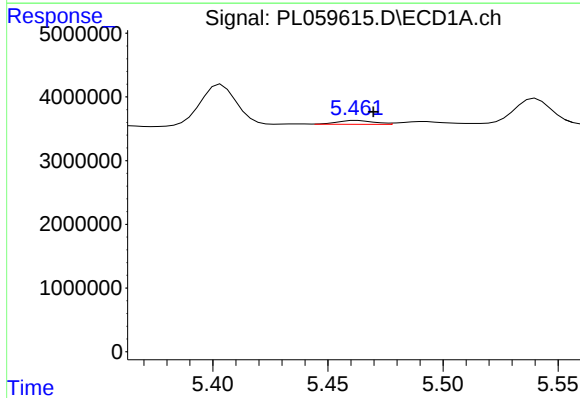
R.T.: 0.000 min  
Exp R.T.: 4.898 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



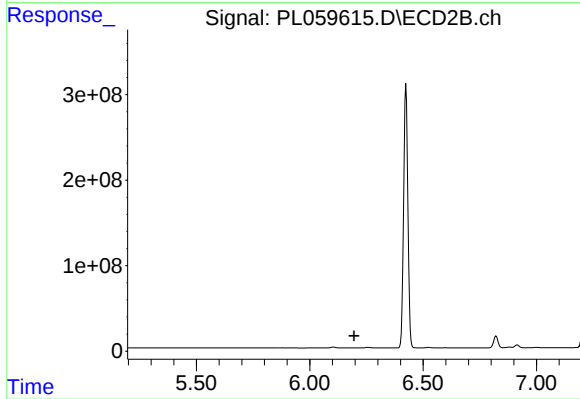
#24 Chlordane-2

R.T.: 5.537 min  
Delta R.T.: -0.007 min  
Response: 349955  
Conc: 3.44 ng/ml



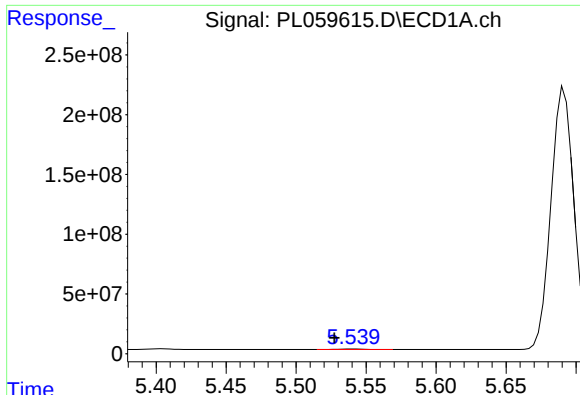
#25 Chlordane-3

R.T.: 5.463 min  
Delta R.T.: -0.007 min  
Response: 673348  
Conc: 4.73 ng/ml



#25 Chlordane-3

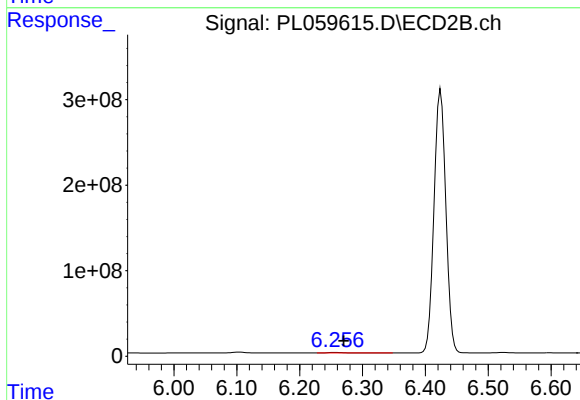
R.T.: 6.201 min  
Delta R.T.: 0.006 min  
Response: -897958  
Conc: N.D.



#26 Chlordane-4

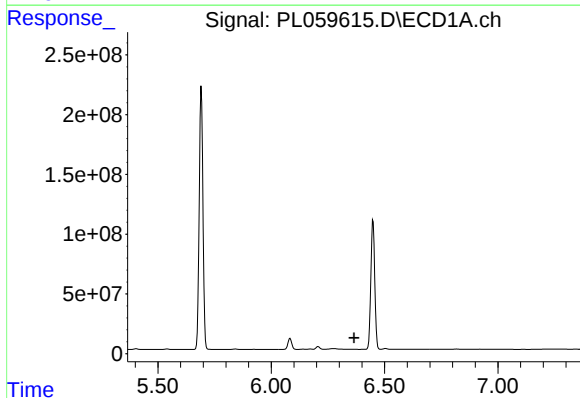
R.T.: 5.540 min  
Delta R.T.: 0.013 min  
Response: 4873711  
Conc: 40.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



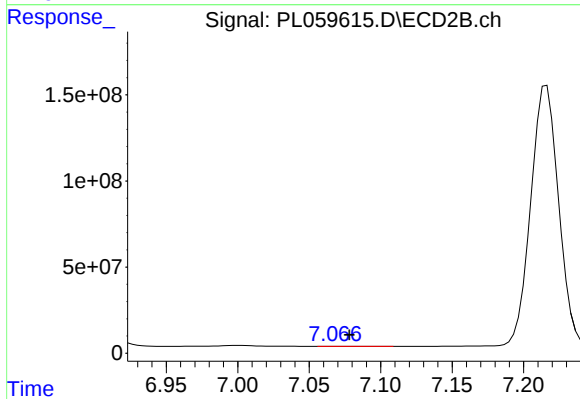
#26 Chlordane-4

R.T.: 6.257 min  
Delta R.T.: -0.013 min  
Response: 8985654  
Conc: 19.95 ng/ml



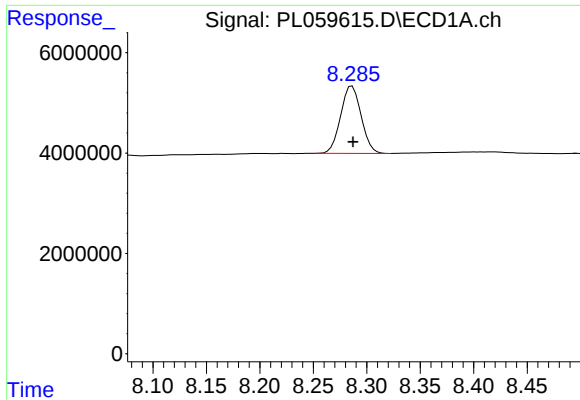
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.366 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

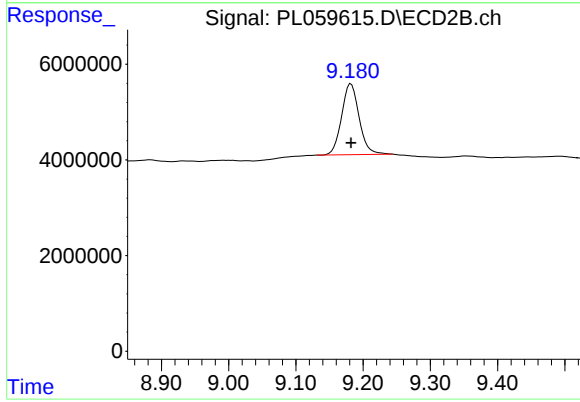
R.T.: 7.068 min  
Delta R.T.: -0.010 min  
Response: 1227628  
Conc: 14.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.286 min  
Delta R.T.: 0.000 min  
Response: 17898383  
Conc: 11.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.182 min  
Delta R.T.: 0.000 min  
Response: 26803939  
Conc: 12.33 ng/ml