

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062520\  
 Data File : PL059496.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jun 2020 12:56  
 Operator : AJ\MA  
 Sample : PB129758BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB129758BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 25 16:58:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062220.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jun 22 14:09:48 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... | 3.522 | 4.070  | 34795019 | 48683053 | 19.362   | 18.862     |
| 28)                         | SA Decachlor... | 8.293 | 9.184  | 29640639 | 41557057 | 17.407   | 18.150     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.963 | 4.464  | 129.3E6  | 173.8E6  | 50.079   | 51.033     |
| 3)                          | MA gamma-BHC... | 4.249 | 4.751  | 114.1E6  | 159.1E6  | 50.045   | 50.819     |
| 4)                          | MA Heptachlor   | 4.554 | 5.266  | 105.4E6  | 161.4E6  | 49.412   | 49.832     |
| 5)                          | MB Aldrin       | 4.804 | 5.574  | 90389092 | 147.4E6  | 50.795   | 47.847     |
| 6)                          | B beta-BHC      | 4.497 | 4.920  | 47267568 | 70488596 | 49.635   | 51.828     |
| 7)                          | B delta-BHC     | 4.704 | 5.140  | 103.0E6  | 147.3E6  | 50.484   | 52.955     |
| 8)                          | B Heptachlo...  | 5.248 | 5.962  | 78329561 | 133.1E6  | 52.109   | 53.036     |
| 9)                          | A Endosulfan I  | 5.588 | 6.321  | 74108882 | 126.3E6  | 50.374   | 46.525     |
| 10)                         | B gamma-Chl...  | 5.475 | 6.196  | 77995848 | 137.0E6  | 50.853   | 46.787     |
| 11)                         | B alpha-Chl...  | 5.535 | 6.270  | 78561523 | 137.9E6  | 50.553   | 46.825     |
| 12)                         | B 4,4'-DDE      | 5.698 | 6.425  | 73493886 | 125.3E6  | 50.579   | 46.380     |
| 13)                         | MA Dieldrin     | 5.832 | 6.579  | 79549825 | 129.5E6  | 50.426   | 46.000     |
| 14)                         | MA Endrin       | 6.089 | 6.798  | 73563526 | 109.8E6  | 48.416   | 44.453     |
| 15)                         | B Endosulfa...  | 6.362 | 7.006  | 74747570 | 114.2E6  | 48.404   | 45.039     |
| 16)                         | A 4,4'-DDD      | 6.214 | 6.916  | 64595500 | 102.2E6  | 49.500   | 45.943     |
| 17)                         | MA 4,4'-DDT     | 6.455 | 7.216  | 65121676 | 101.3E6  | 49.389   | 44.580     |
| 18)                         | B Endrin al...  | 6.530 | 7.130  | 62798020 | 97487511 | 47.514   | 44.448     |
| 19)                         | B Endosulfa...  | 6.742 | 7.354  | 72472714 | 108.3E6  | 47.734   | 44.739     |
| 20)                         | A Methoxychlor  | 7.001 | 7.674  | 38133638 | 57566479 | 47.053   | 43.366     |
| 21)                         | B Endrin ke...  | 7.235 | 7.827  | 83309207 | 114.4E6  | 47.782   | 44.298     |
| 22)                         | Mirex           | 7.430 | 8.284  | 84838109 | 89993725 | 60.080   | 45.563     |
| 23)                         | Chlordane-1     | 4.395 | 0.000  | 1777711  | 0        | 31.240   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.574f | 0        | 147.4E6  | N.D.     | 1342.439 # |
| 25)                         | Chlordane-3     | 5.475 | 6.196  | 77995848 | 137.0E6  | 551.030  | 349.528 #  |
| 26)                         | Chlordane-4     | 5.535 | 6.270  | 78561523 | 137.9E6  | 665.467  | 290.205 #  |
| 27)                         | Chlordane-5     | 6.362 | 0.000  | 74747570 | 0        | 1331.945 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

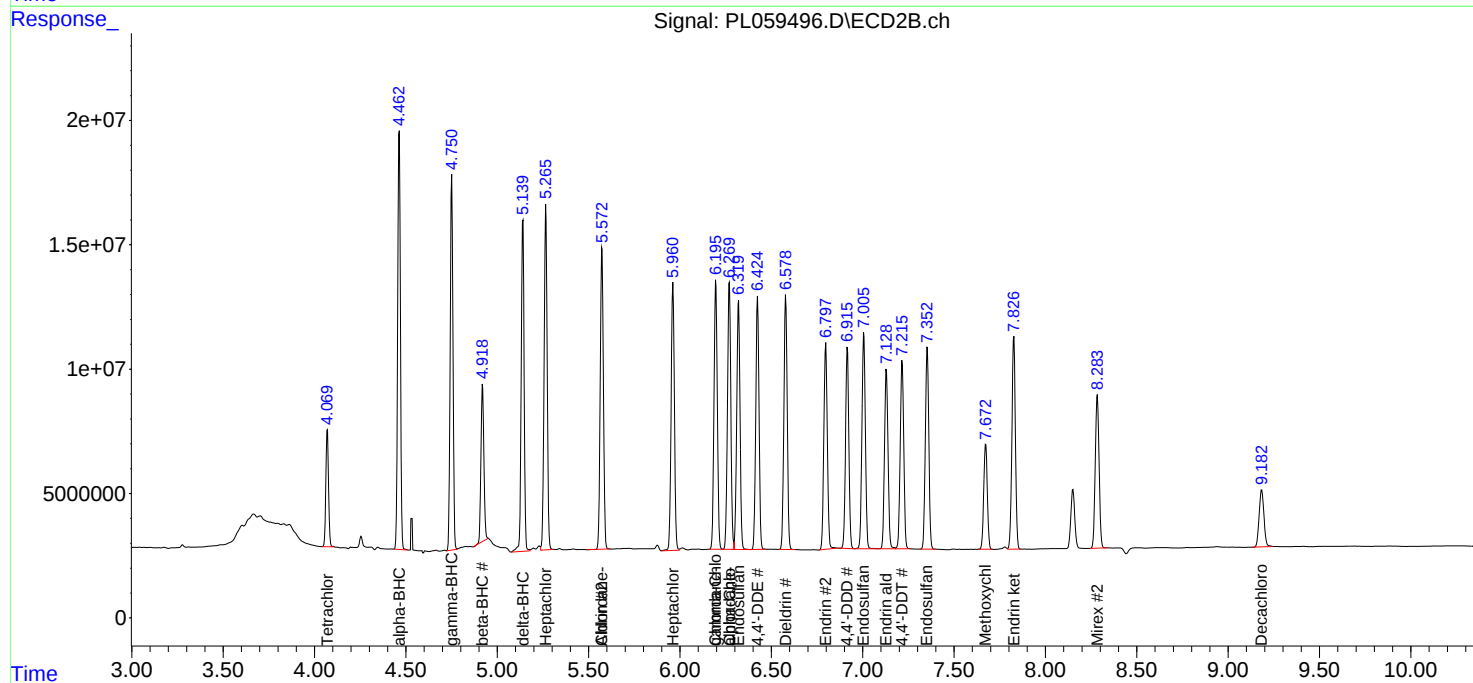
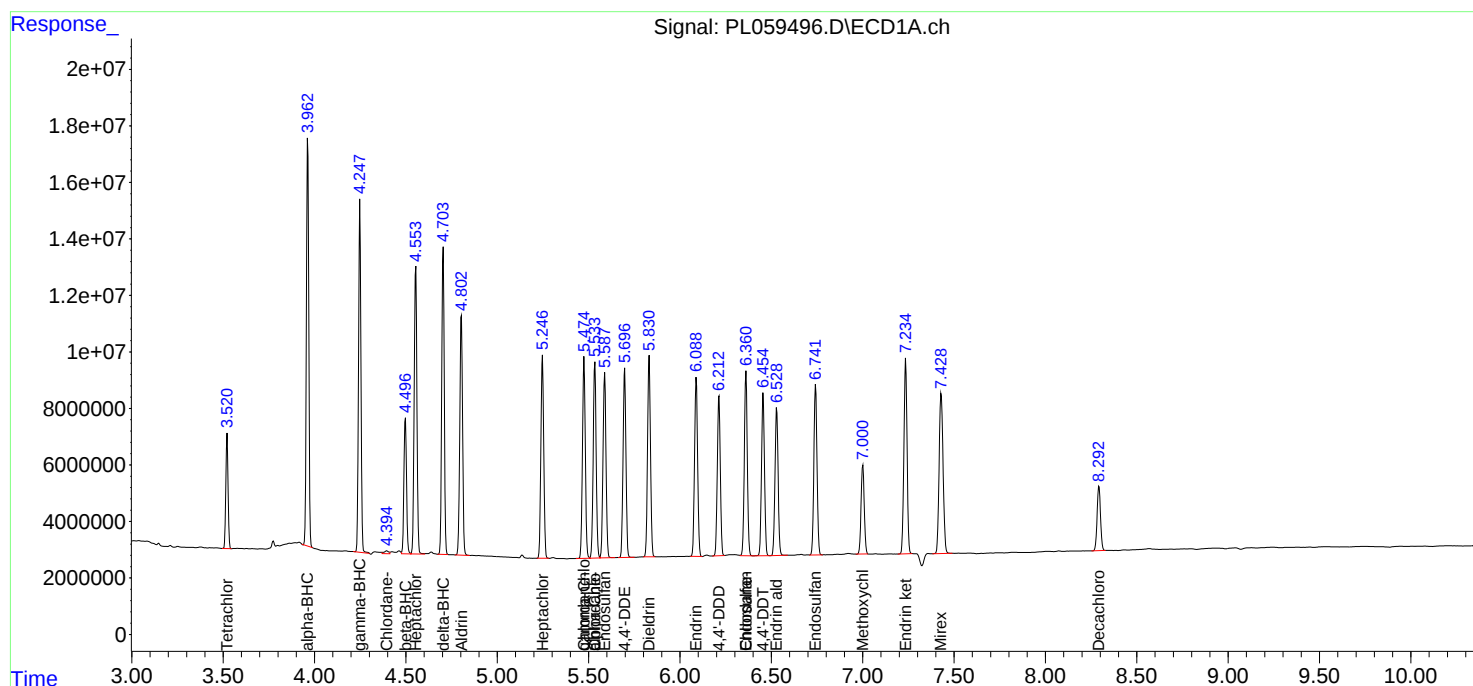
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

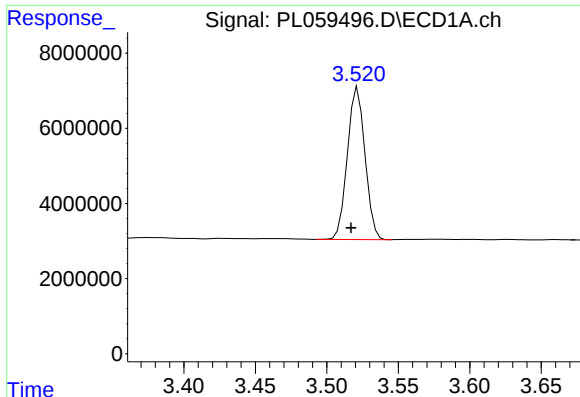
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062520\  
Data File : PL059496.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jun 2020 12:56  
Operator : AJ\MA  
Sample : PB129758BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 16:58:20 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062220.M  
Quant Title : GC Extractables  
QLast Update : Mon Jun 22 14:09:48 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

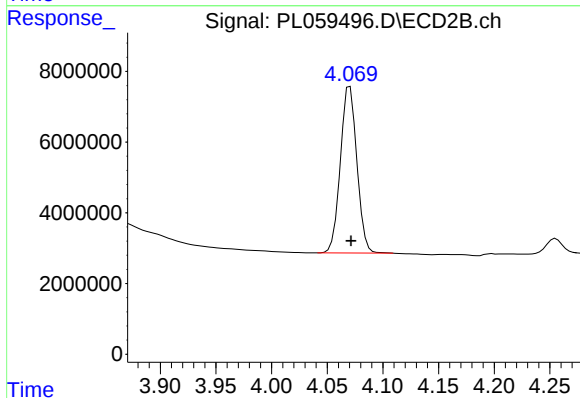




#1 Tetrachloro-m-xylene

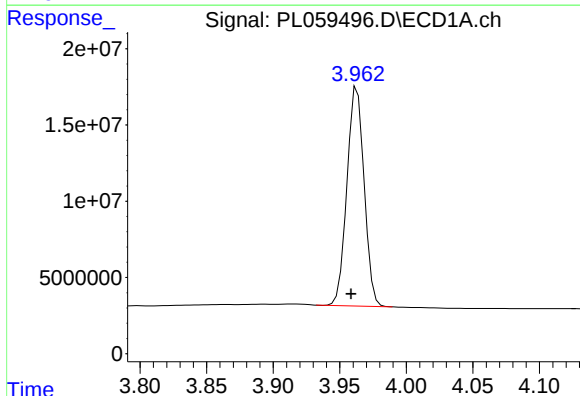
R.T.: 3.522 min  
Delta R.T.: 0.005 min  
Response: 34795019  
Conc: 19.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



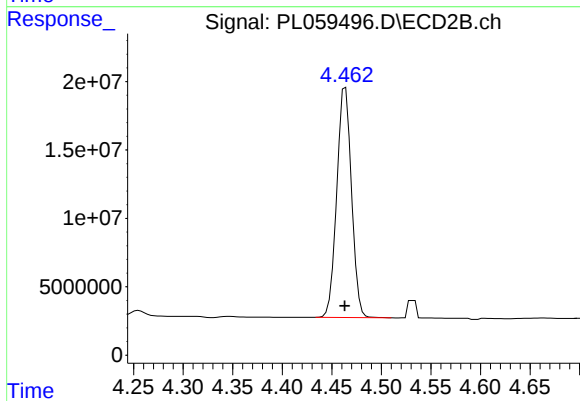
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 48683053  
Conc: 18.86 ng/ml



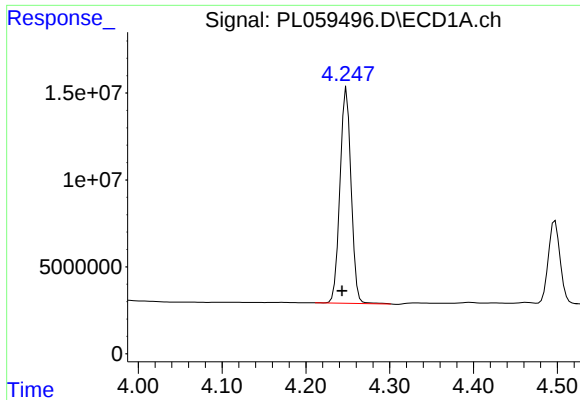
#2 alpha-BHC

R.T.: 3.963 min  
Delta R.T.: 0.005 min  
Response: 129257887  
Conc: 50.08 ng/ml



#2 alpha-BHC

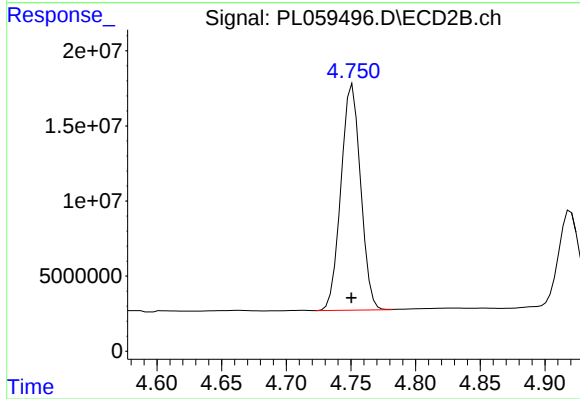
R.T.: 4.464 min  
Delta R.T.: 0.000 min  
Response: 173847390  
Conc: 51.03 ng/ml



#3 gamma-BHC (Lindane)

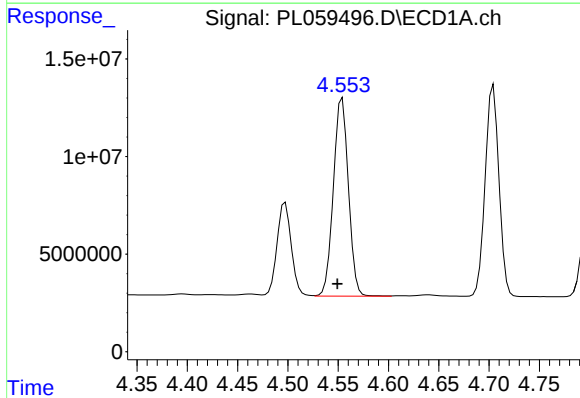
R.T.: 4.249 min  
Delta R.T.: 0.005 min  
Response: 114131580  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



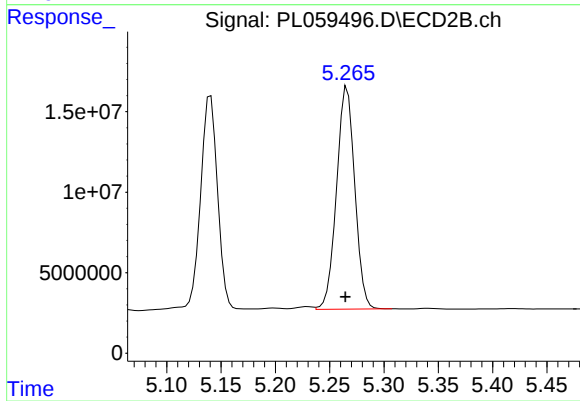
#3 gamma-BHC (Lindane)

R.T.: 4.751 min  
Delta R.T.: 0.000 min  
Response: 159057699  
Conc: 50.82 ng/ml



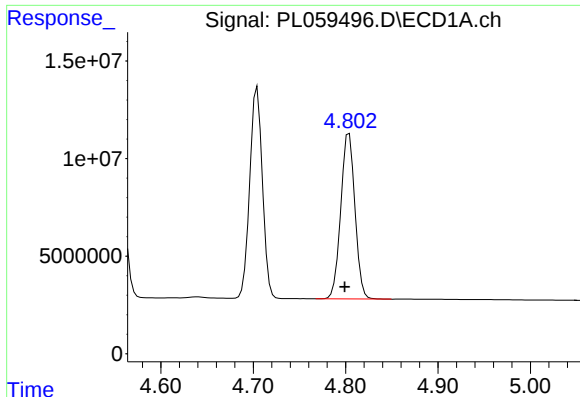
#4 Heptachlor

R.T.: 4.554 min  
Delta R.T.: 0.005 min  
Response: 105370790  
Conc: 49.41 ng/ml



#4 Heptachlor

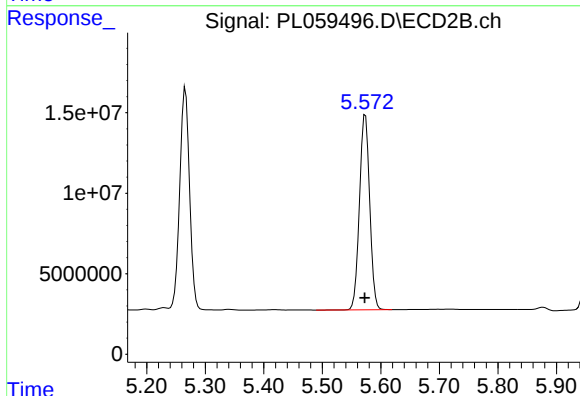
R.T.: 5.266 min  
Delta R.T.: 0.002 min  
Response: 161398616  
Conc: 49.83 ng/ml



#5 Aldrin

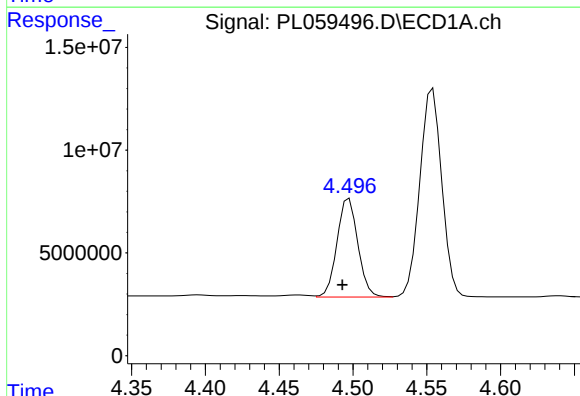
R.T.: 4.804 min  
Delta R.T.: 0.005 min  
Response: 90389092  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



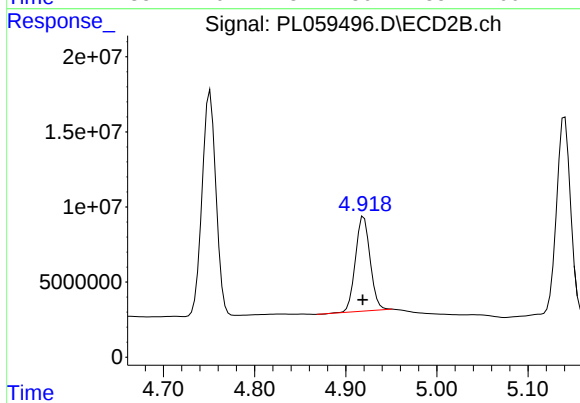
#5 Aldrin

R.T.: 5.574 min  
Delta R.T.: 0.001 min  
Response: 147350381  
Conc: 47.85 ng/ml



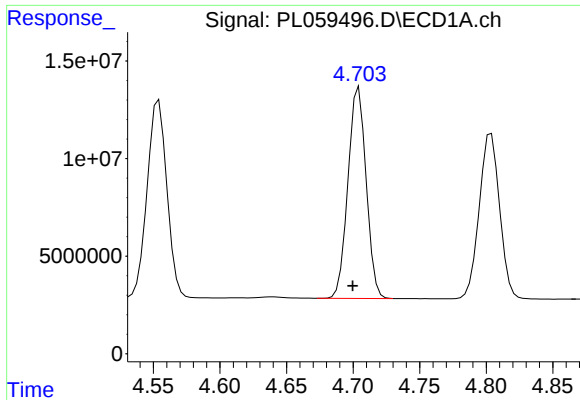
#6 beta-BHC

R.T.: 4.497 min  
Delta R.T.: 0.005 min  
Response: 47267568  
Conc: 49.63 ng/ml



#6 beta-BHC

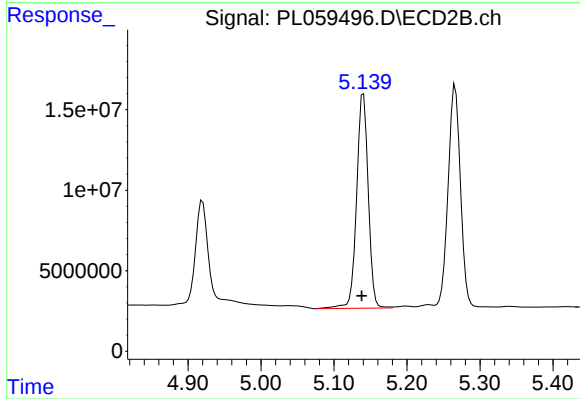
R.T.: 4.920 min  
Delta R.T.: 0.001 min  
Response: 70488596  
Conc: 51.83 ng/ml



#7 delta-BHC

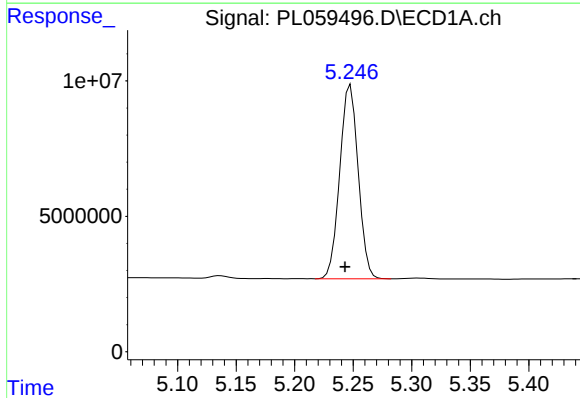
R.T.: 4.704 min  
Delta R.T.: 0.005 min  
Response: 102969552  
Conc: 50.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



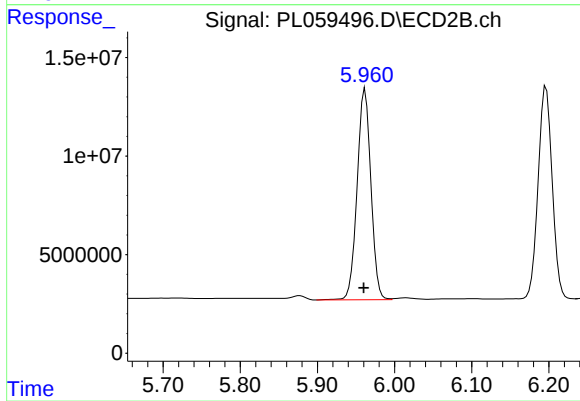
#7 delta-BHC

R.T.: 5.140 min  
Delta R.T.: 0.002 min  
Response: 147336443  
Conc: 52.95 ng/ml



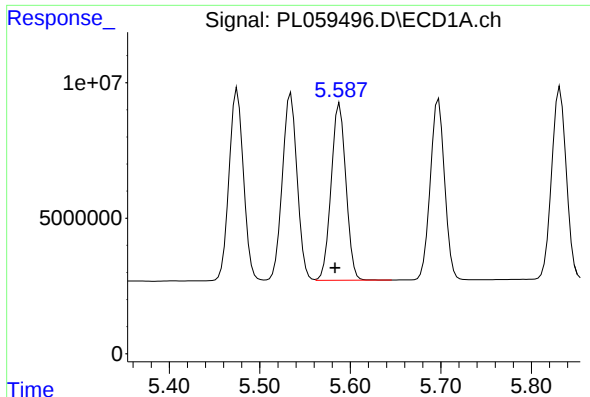
#8 Heptachlor epoxide

R.T.: 5.248 min  
Delta R.T.: 0.005 min  
Response: 78329561  
Conc: 52.11 ng/ml



#8 Heptachlor epoxide

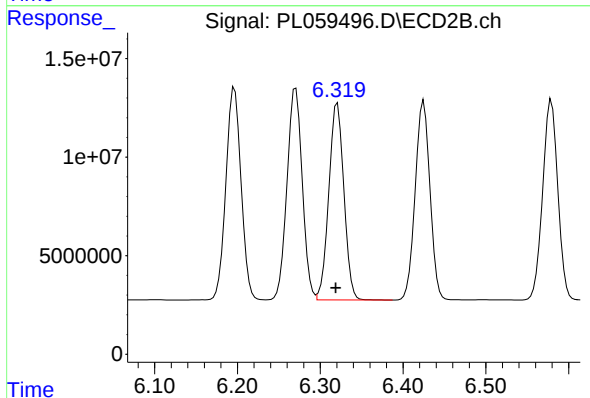
R.T.: 5.962 min  
Delta R.T.: 0.002 min  
Response: 133105839  
Conc: 53.04 ng/ml



#9 Endosulfan I

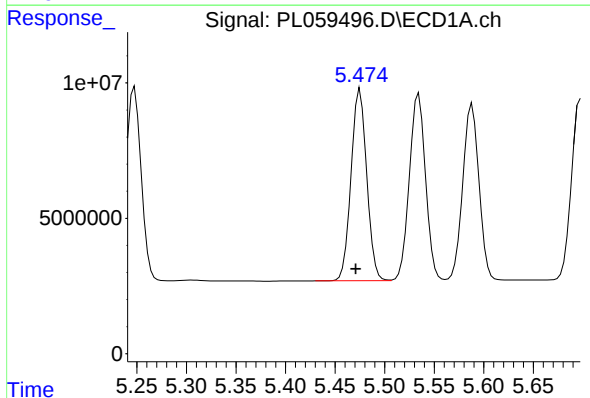
R.T.: 5.588 min  
Delta R.T.: 0.005 min  
Response: 74108882  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



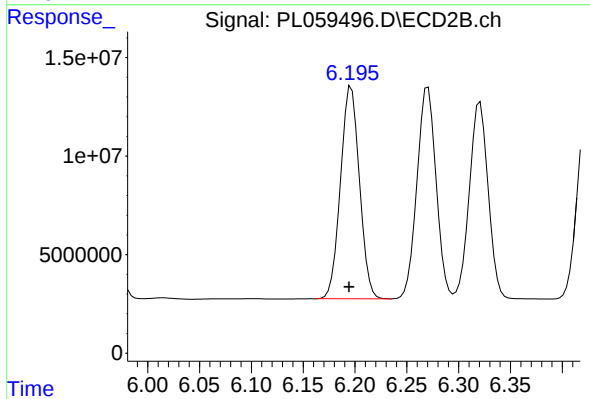
#9 Endosulfan I

R.T.: 6.321 min  
Delta R.T.: 0.002 min  
Response: 126269219  
Conc: 46.53 ng/ml



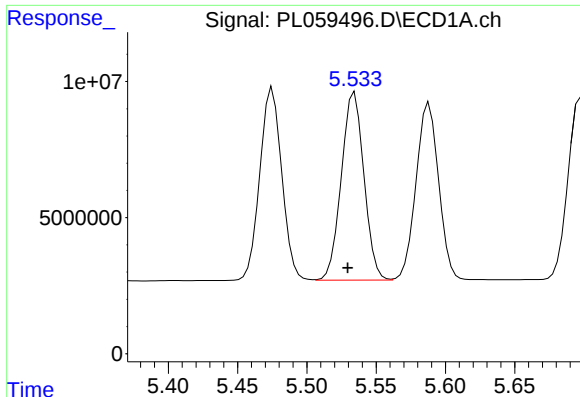
#10 gamma-Chlordane

R.T.: 5.475 min  
Delta R.T.: 0.004 min  
Response: 77995848  
Conc: 50.85 ng/ml



#10 gamma-Chlordane

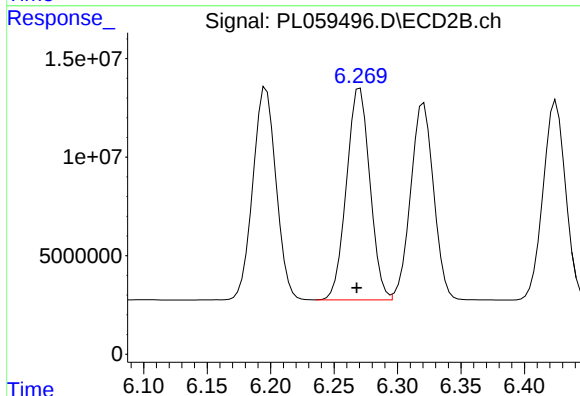
R.T.: 6.196 min  
Delta R.T.: 0.002 min  
Response: 137044658  
Conc: 46.79 ng/ml



#11 alpha-Chlordane

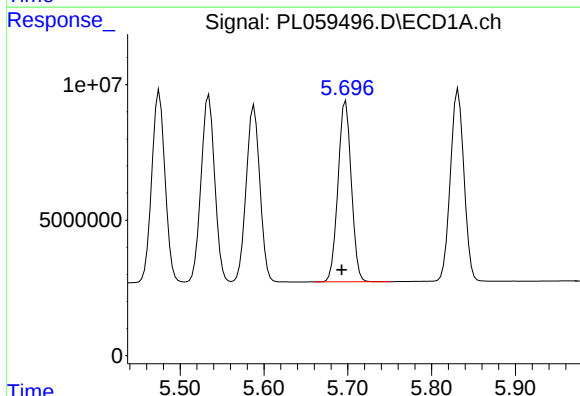
R.T.: 5.535 min  
Delta R.T.: 0.005 min  
Response: 78561523  
Conc: 50.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



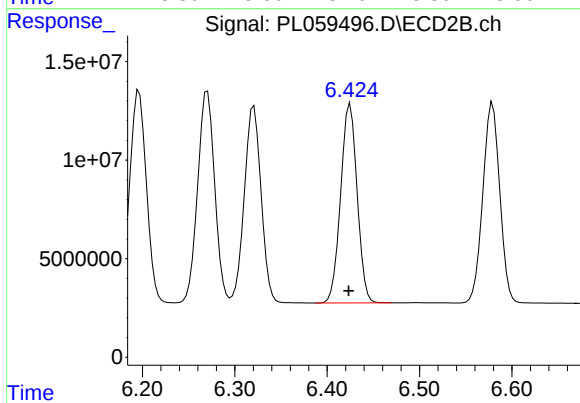
#11 alpha-Chlordane

R.T.: 6.270 min  
Delta R.T.: 0.003 min  
Response: 137888883  
Conc: 46.82 ng/ml



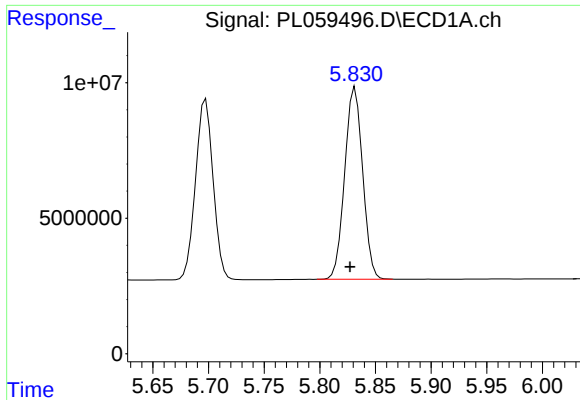
#12 4,4'-DDE

R.T.: 5.698 min  
Delta R.T.: 0.005 min  
Response: 73493886  
Conc: 50.58 ng/ml



#12 4,4'-DDE

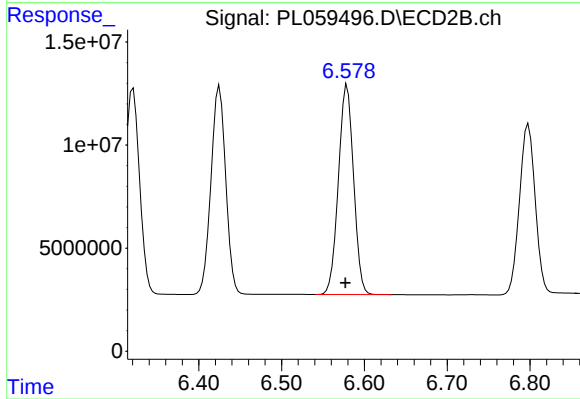
R.T.: 6.425 min  
Delta R.T.: 0.002 min  
Response: 125257551  
Conc: 46.38 ng/ml



#13 Dieldrin

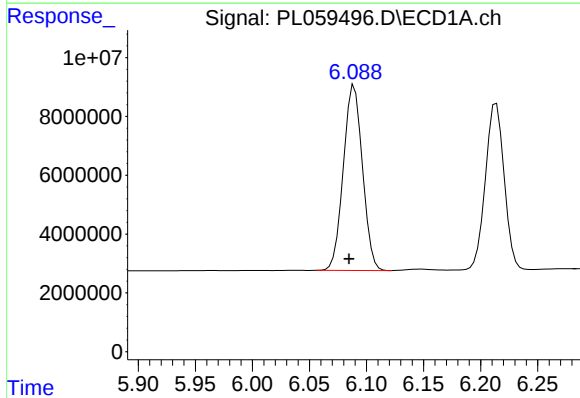
R.T.: 5.832 min  
Delta R.T.: 0.005 min  
Response: 79549825  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



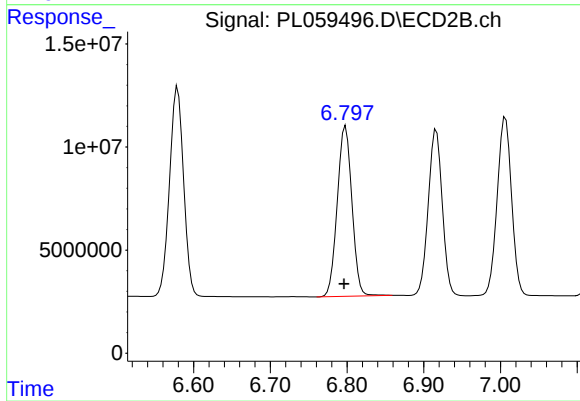
#13 Dieldrin

R.T.: 6.579 min  
Delta R.T.: 0.002 min  
Response: 129500101  
Conc: 46.00 ng/ml



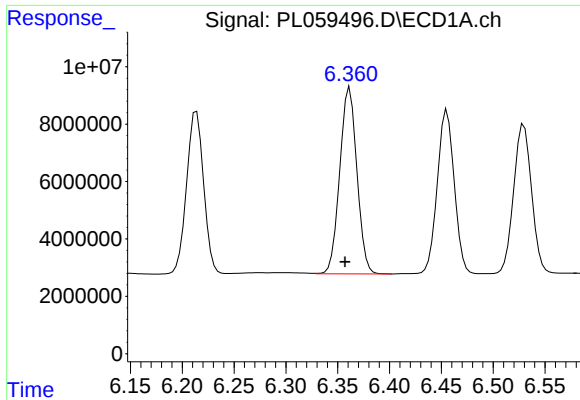
#14 Endrin

R.T.: 6.089 min  
Delta R.T.: 0.005 min  
Response: 73563526  
Conc: 48.42 ng/ml



#14 Endrin

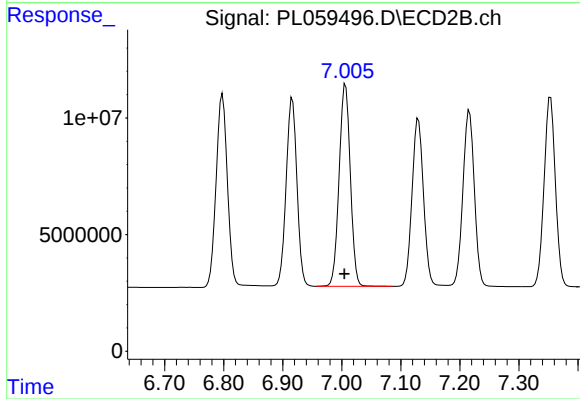
R.T.: 6.798 min  
Delta R.T.: 0.002 min  
Response: 109810006  
Conc: 44.45 ng/ml



#15 Endosulfan II

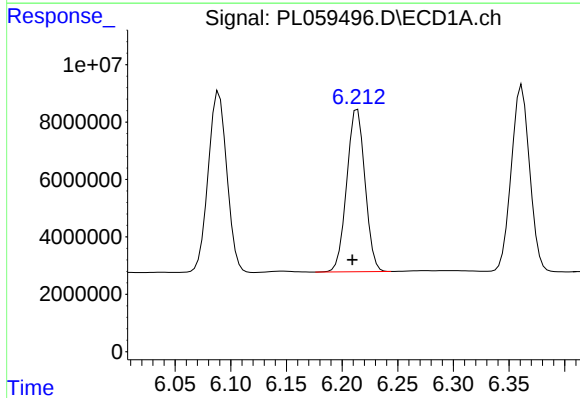
R.T.: 6.362 min  
Delta R.T.: 0.005 min  
Response: 74747570  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



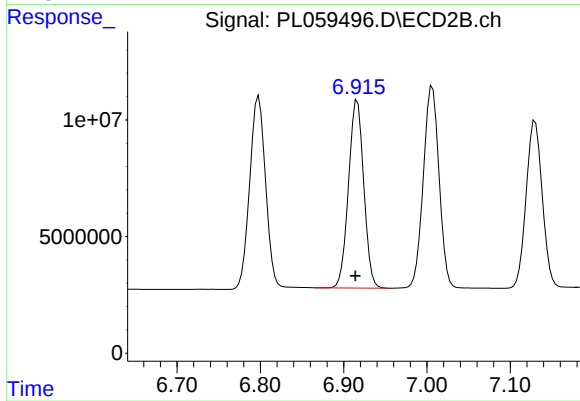
#15 Endosulfan II

R.T.: 7.006 min  
Delta R.T.: 0.002 min  
Response: 114214086  
Conc: 45.04 ng/ml



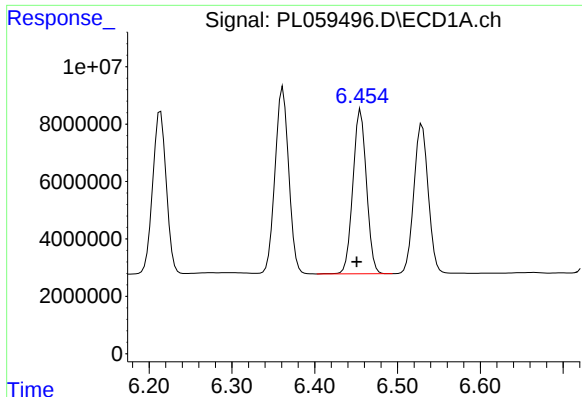
#16 4,4'-DDD

R.T.: 6.214 min  
Delta R.T.: 0.005 min  
Response: 64595500  
Conc: 49.50 ng/ml



#16 4,4'-DDD

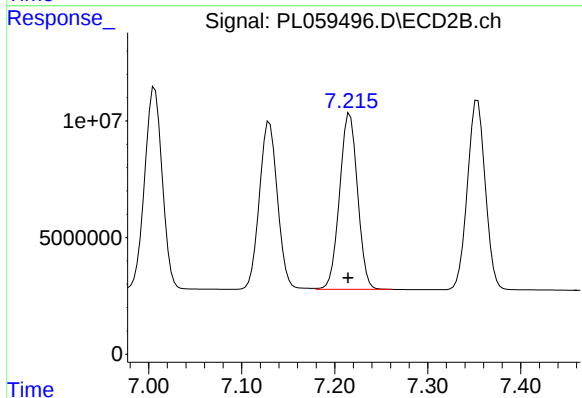
R.T.: 6.916 min  
Delta R.T.: 0.002 min  
Response: 102229421  
Conc: 45.94 ng/ml



#17 4,4'-DDT

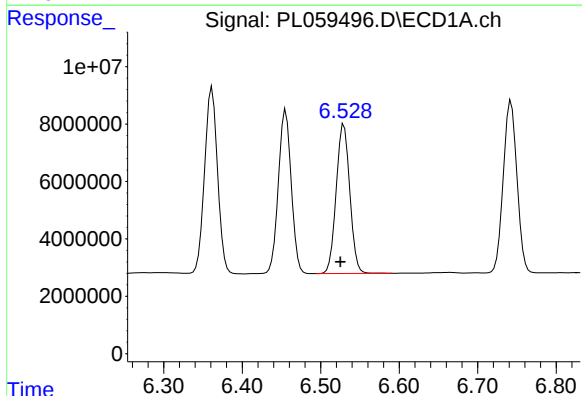
R.T.: 6.455 min  
Delta R.T.: 0.005 min  
Response: 65121676  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



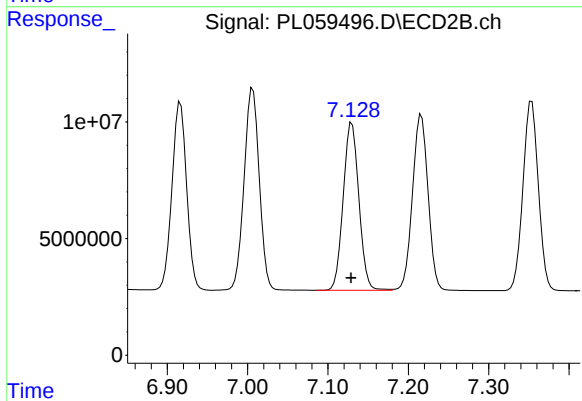
#17 4,4'-DDT

R.T.: 7.216 min  
Delta R.T.: 0.002 min  
Response: 101331582  
Conc: 44.58 ng/ml



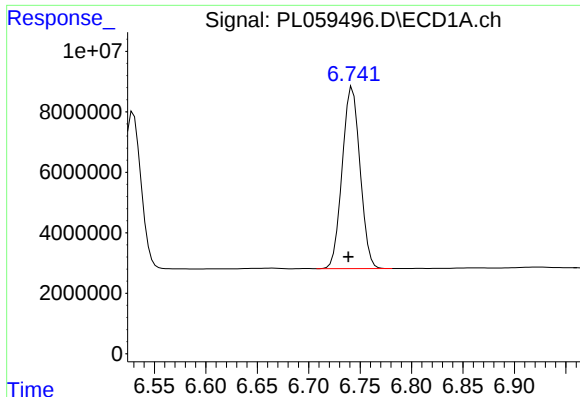
#18 Endrin aldehyde

R.T.: 6.530 min  
Delta R.T.: 0.004 min  
Response: 62798020  
Conc: 47.51 ng/ml



#18 Endrin aldehyde

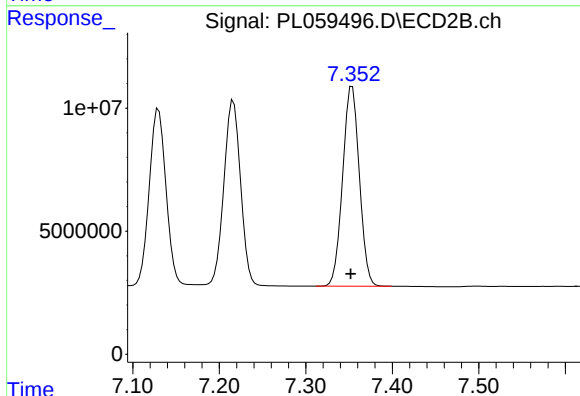
R.T.: 7.130 min  
Delta R.T.: 0.000 min  
Response: 97487511  
Conc: 44.45 ng/ml



#19 Endosulfan Sulfate

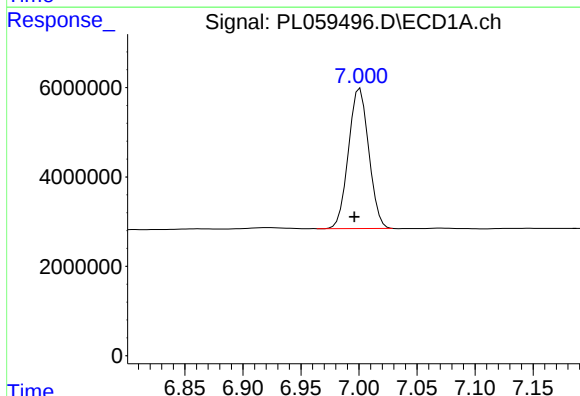
R.T.: 6.742 min  
Delta R.T.: 0.004 min  
Response: 72472714  
Conc: 47.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



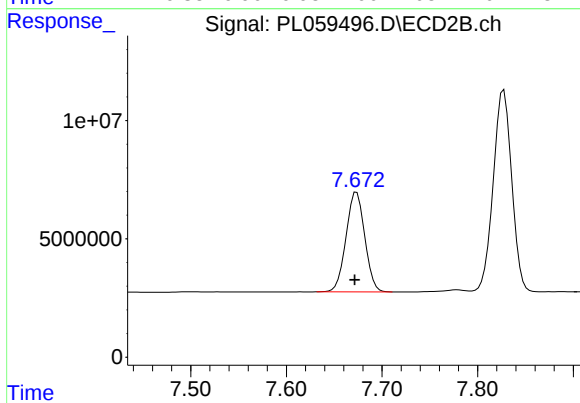
#19 Endosulfan Sulfate

R.T.: 7.354 min  
Delta R.T.: 0.002 min  
Response: 108287107  
Conc: 44.74 ng/ml



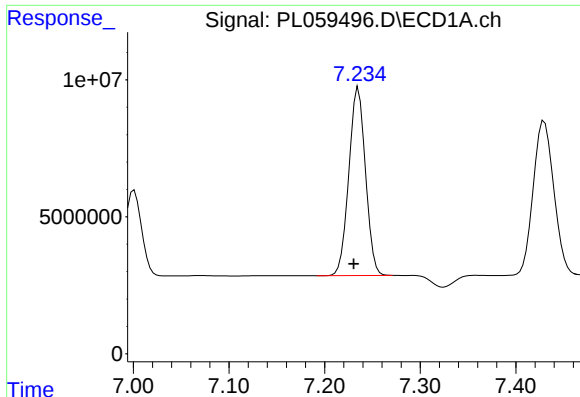
#20 Methoxychlor

R.T.: 7.001 min  
Delta R.T.: 0.005 min  
Response: 38133638  
Conc: 47.05 ng/ml



#20 Methoxychlor

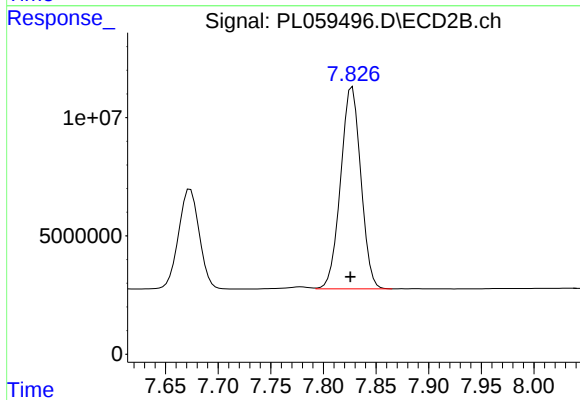
R.T.: 7.674 min  
Delta R.T.: 0.002 min  
Response: 57566479  
Conc: 43.37 ng/ml



#21 Endrin ketone

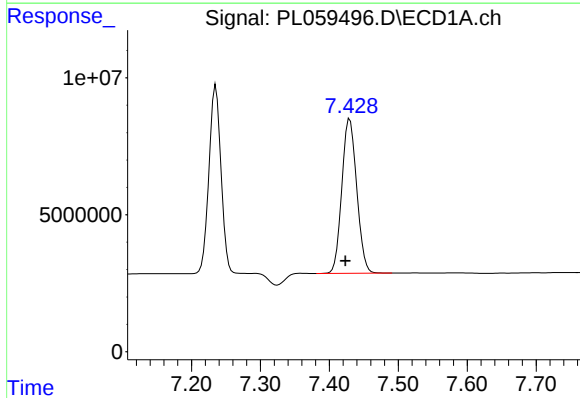
R.T.: 7.235 min  
Delta R.T.: 0.005 min  
Response: 83309207  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



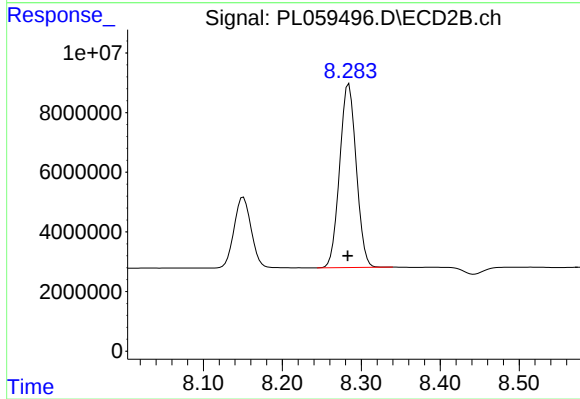
#21 Endrin ketone

R.T.: 7.827 min  
Delta R.T.: 0.002 min  
Response: 114426899  
Conc: 44.30 ng/ml



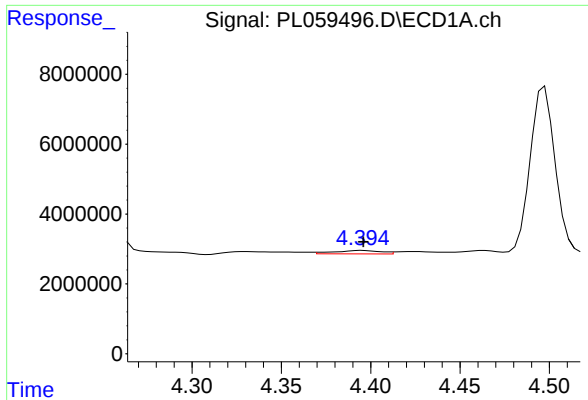
#22 Mirex

R.T.: 7.430 min  
Delta R.T.: 0.006 min  
Response: 84838109  
Conc: 60.08 ng/ml



#22 Mirex

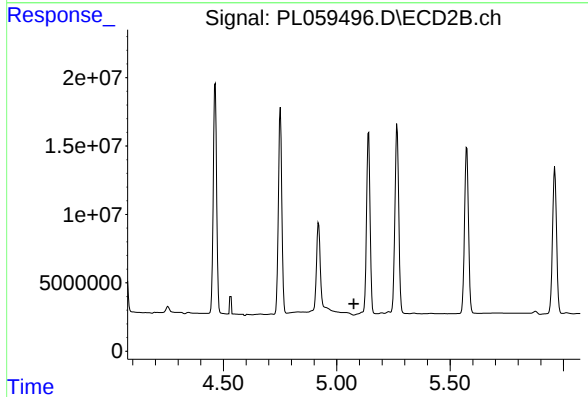
R.T.: 8.284 min  
Delta R.T.: 0.002 min  
Response: 89993725  
Conc: 45.56 ng/ml



#23 Chlordane-1

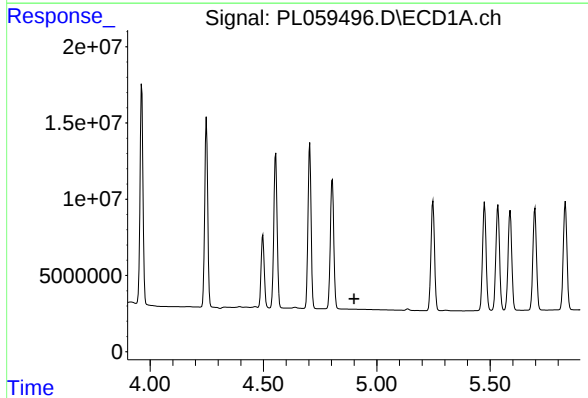
R.T.: 4.395 min  
Delta R.T.: 0.000 min  
Response: 1777711  
Conc: 31.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



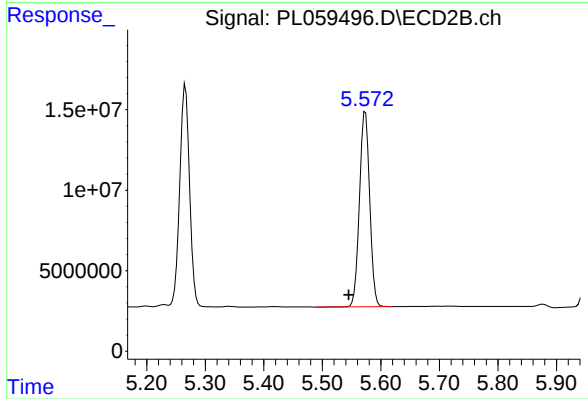
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.075 min  
Response: 0  
Conc: N.D.



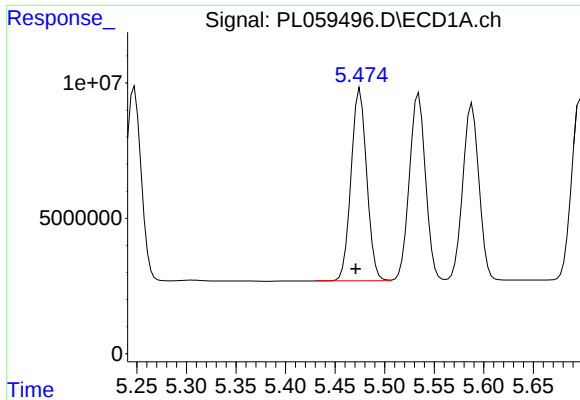
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.900 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

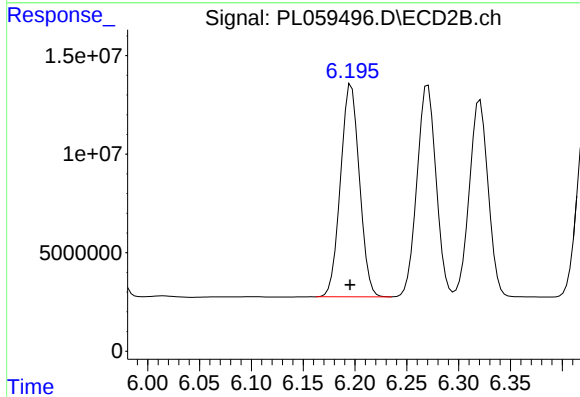
R.T.: 5.574 min  
Delta R.T.: 0.029 min  
Response: 147350381  
Conc: 1342.44 ng/ml



#25 Chlordane-3

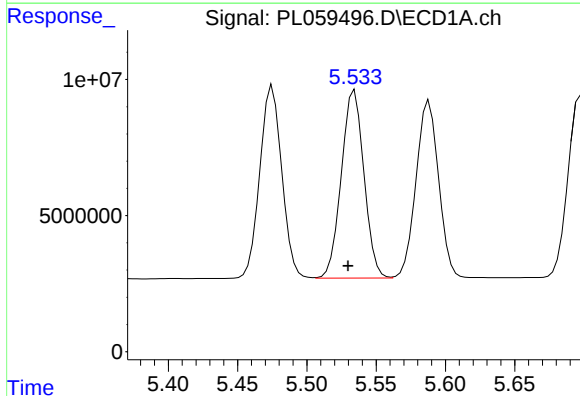
R.T.: 5.475 min  
Delta R.T.: 0.004 min  
Response: 77995848  
Conc: 551.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



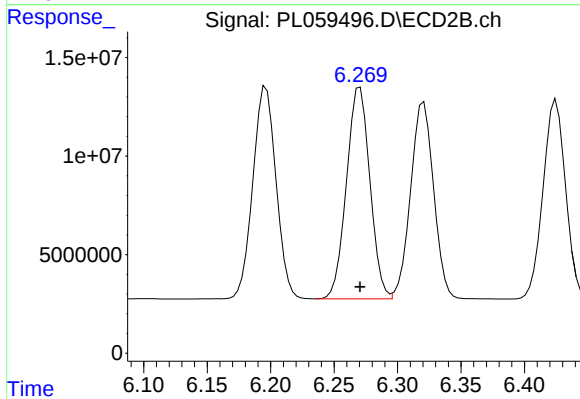
#25 Chlordane-3

R.T.: 6.196 min  
Delta R.T.: 0.001 min  
Response: 137044658  
Conc: 349.53 ng/ml



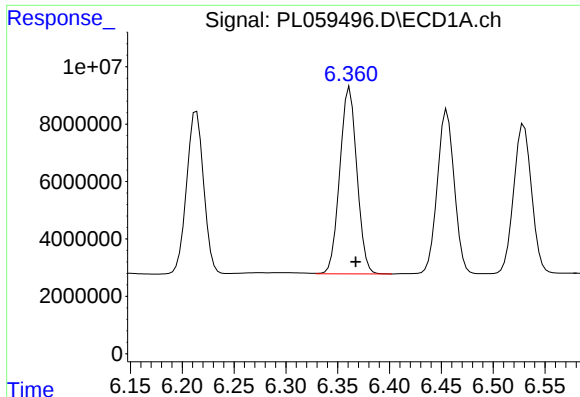
#26 Chlordane-4

R.T.: 5.535 min  
Delta R.T.: 0.005 min  
Response: 78561523  
Conc: 665.47 ng/ml



#26 Chlordane-4

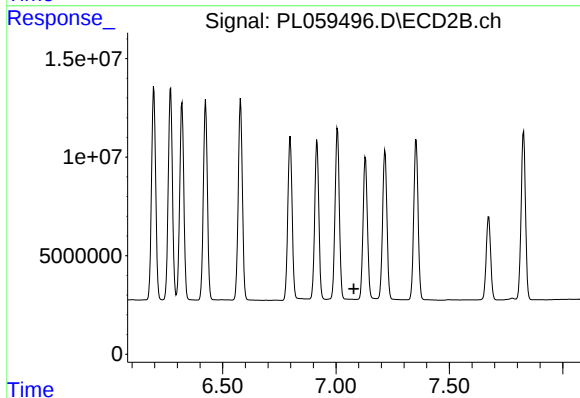
R.T.: 6.270 min  
Delta R.T.: 0.000 min  
Response: 137888883  
Conc: 290.21 ng/ml



#27 Chlordane-5

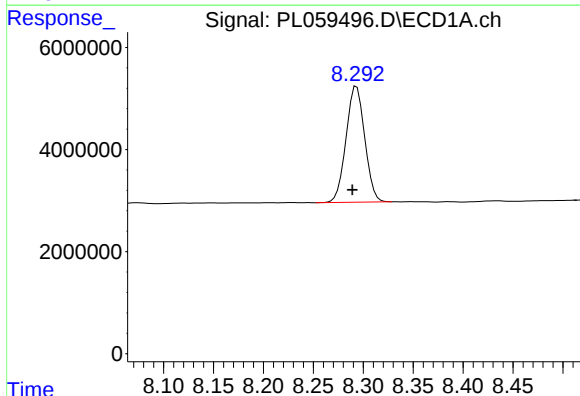
R.T.: 6.362 min  
Delta R.T.: -0.006 min  
Response: 74747570  
Conc: 1331.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB129758BS



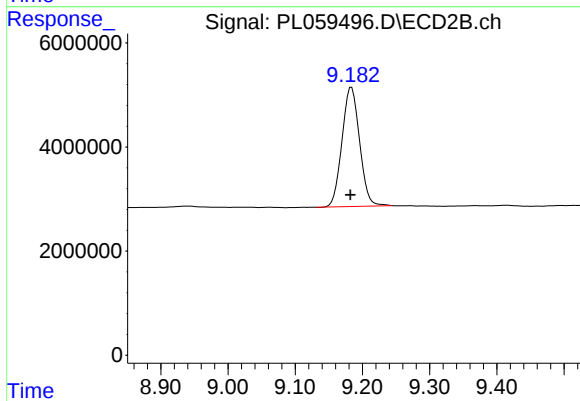
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.079 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.293 min  
Delta R.T.: 0.004 min  
Response: 29640639  
Conc: 17.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.184 min  
Delta R.T.: 0.002 min  
Response: 41557057  
Conc: 18.15 ng/ml