

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091518\  
 Data File : PL039959.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Sep 2018 10:32  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 00:52:29 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091418.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 14 23:10:39 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... | 3.300 | 3.903 | 361.5E6 | 157.2E6  | 46.618   | 49.254     |
| 28)                         | SA Decachlor... | 7.951 | 8.888 | 389.1E6 | 141.3E6  | 46.692   | 52.039     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.727 | 4.281 | 593.2E6 | 251.7E6  | 46.757   | 48.650     |
| 3)                          | MA gamma-BHC... | 4.002 | 4.559 | 540.8E6 | 221.4E6  | 47.254   | 48.636     |
| 4)                          | MA Heptachlor   | 4.283 | 5.066 | 533.4E6 | 215.5E6  | 46.235   | 49.836     |
| 5)                          | MB Aldrin       | 4.520 | 5.366 | 523.3E6 | 210.4E6  | 47.478   | 48.442     |
| 6)                          | B beta-BHC      | 4.257 | 4.722 | 235.0E6 | 96244462 | 47.785   | 49.048     |
| 7)                          | B delta-BHC     | 4.449 | 4.935 | 561.8E6 | 218.9E6  | 47.778   | 55.044     |
| 8)                          | B Heptachlo...  | 4.956 | 5.745 | 480.6E6 | 192.5E6  | 47.163   | 48.680     |
| 9)                          | A Endosulfan I  | 5.284 | 6.096 | 461.2E6 | 171.8E6  | 46.543   | 48.391     |
| 10)                         | B gamma-Chl...  | 5.177 | 5.977 | 514.7E6 | 199.6E6  | 46.526   | 52.732     |
| 11)                         | B alpha-Chl...  | 5.233 | 6.050 | 494.9E6 | 191.9E6  | 46.324   | 48.453     |
| 12)                         | B 4,4'-DDE      | 5.401 | 6.207 | 495.5E6 | 187.4E6  | 46.755   | 49.266     |
| 13)                         | MA Dieldrin     | 5.523 | 6.350 | 519.3E6 | 184.8E6  | 46.824   | 48.561     |
| 14)                         | MA Endrin       | 5.775 | 6.564 | 435.1E6 | 142.1E6  | 42.401   | 43.650     |
| 15)                         | B Endosulfa...  | 6.050 | 6.767 | 456.1E6 | 153.7E6  | 47.608   | 46.533     |
| 16)                         | A 4,4'-DDD      | 5.911 | 6.687 | 414.9E6 | 145.5E6  | 47.856   | 50.336     |
| 17)                         | MA 4,4'-DDT     | 6.144 | 6.986 | 386.4E6 | 139.6E6  | 42.690   | 46.670     |
| 18)                         | B Endrin al...  | 6.218 | 6.890 | 360.5E6 | 132.6E6  | 47.037   | 50.505     |
| 19)                         | B Endosulfa...  | 6.428 | 7.112 | 446.4E6 | 144.3E6  | 48.707   | 49.167     |
| 20)                         | A Methoxychlor  | 6.692 | 7.441 | 213.4E6 | 65305747 | 46.031   | 46.145     |
| 21)                         | B Endrin ke...  | 6.910 | 7.574 | 489.9E6 | 147.5E6  | 50.168   | 51.742     |
| 23)                         | Chlordane-1     | 0.000 | 4.935 | 0       | 218.9E6  | N.D.     | 1413.979 # |
| 24)                         | Chlordane-2     | 0.000 | 5.366 | 0       | 210.4E6  | N.D.     | 1380.477 # |
| 25)                         | Chlordane-3     | 5.177 | 5.977 | 514.7E6 | 199.6E6  | 419.442  | 389.830    |
| 26)                         | Chlordane-4     | 5.233 | 6.050 | 494.9E6 | 191.9E6  | 451.433  | 310.100 #  |
| 27)                         | Chlordane-5     | 6.050 | 6.890 | 456.1E6 | 132.6E6  | 1230.300 | 1142.982   |
| -----                       |                 |       |       |         |          |          |            |

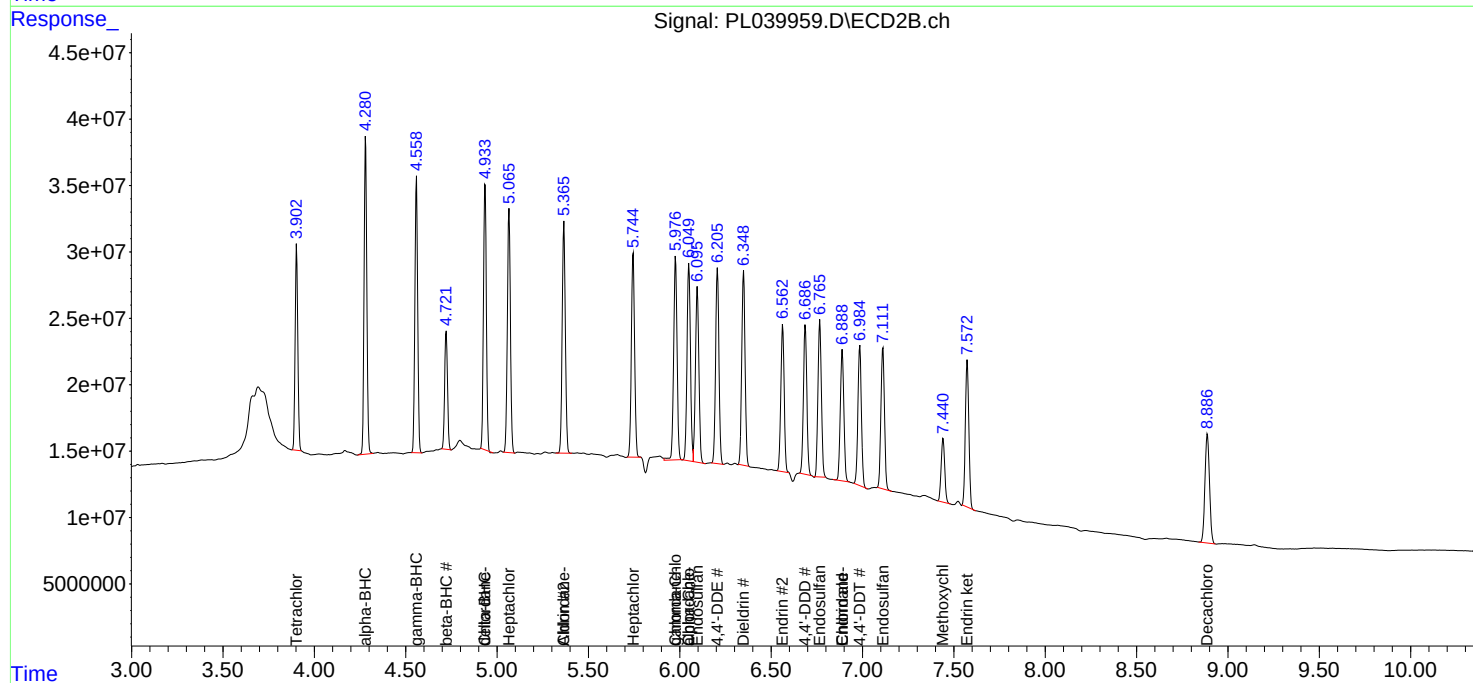
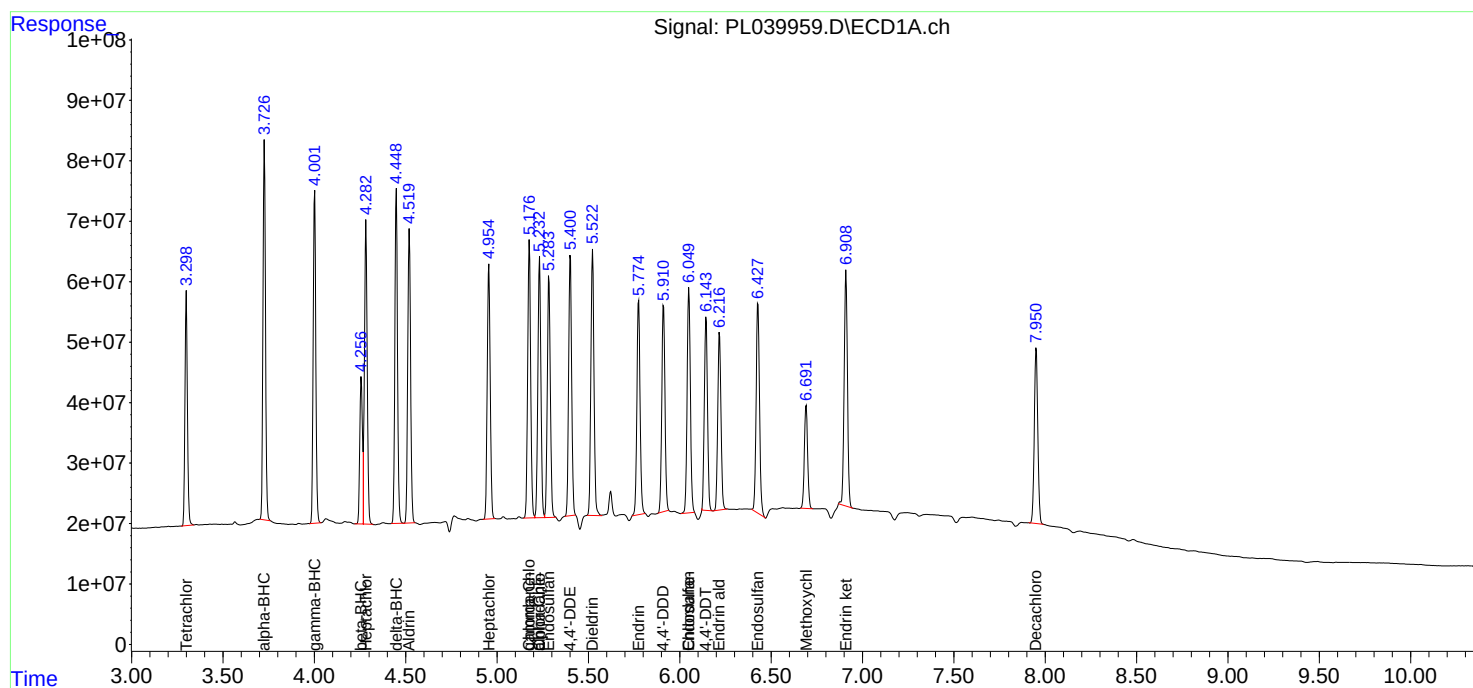
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

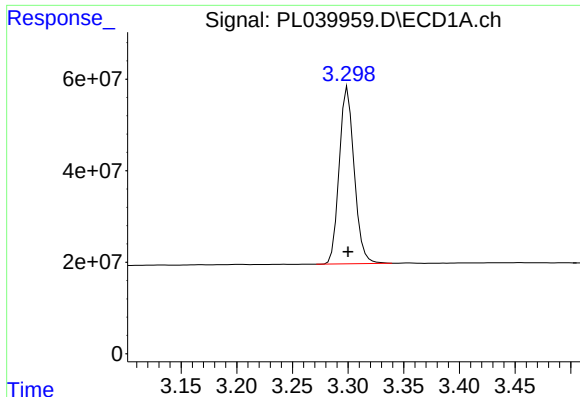
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091518\  
Data File : PL039959.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Sep 2018 10:32  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 17 00:52:29 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091418.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 14 23:10:39 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

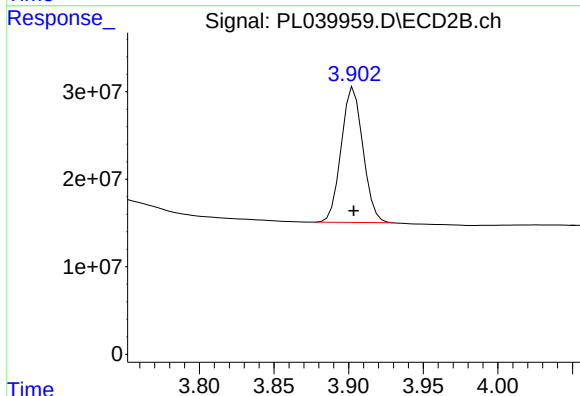




#1 Tetrachloro-m-xylene

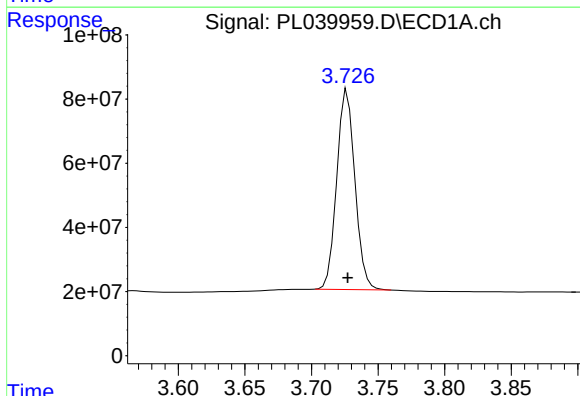
R.T.: 3.300 min  
Delta R.T.: 0.000 min  
Response: 361517907  
Conc: 46.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



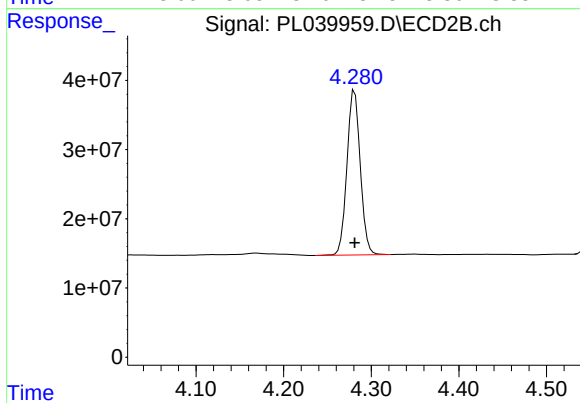
#1 Tetrachloro-m-xylene

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 157161047  
Conc: 49.25 ng/ml



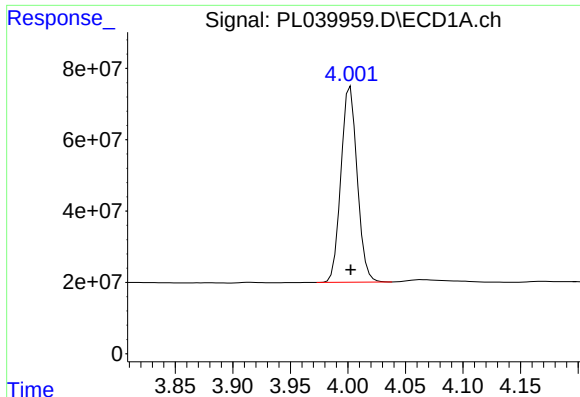
#2 alpha-BHC

R.T.: 3.727 min  
Delta R.T.: 0.000 min  
Response: 593175936  
Conc: 46.76 ng/ml



#2 alpha-BHC

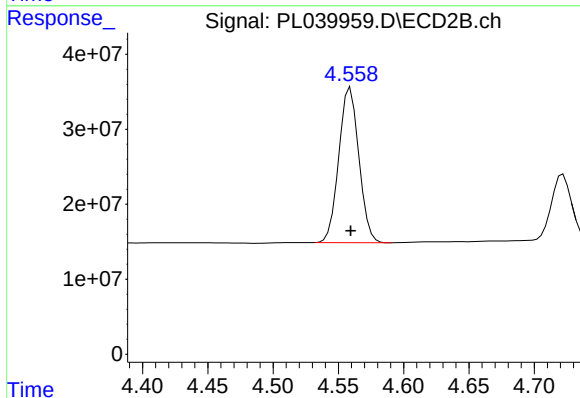
R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 251747974  
Conc: 48.65 ng/ml



#3 gamma-BHC (Lindane)

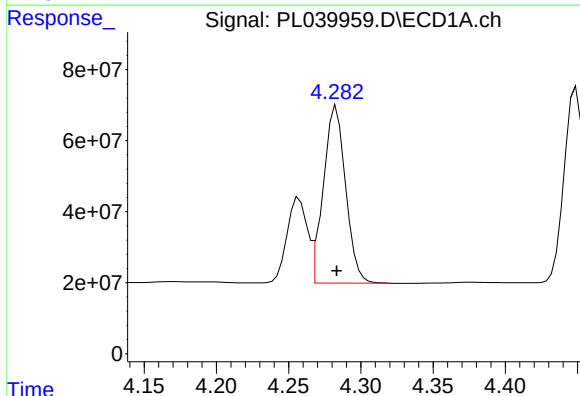
R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 540791038  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



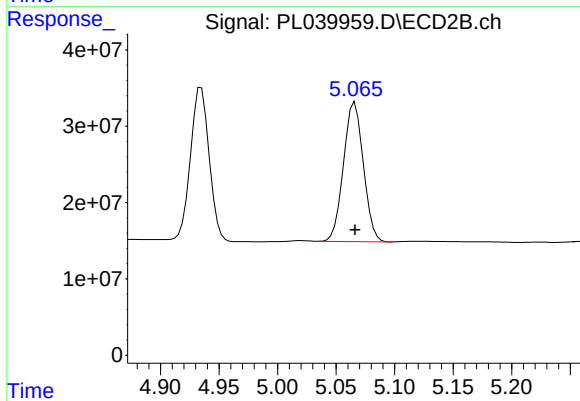
#3 gamma-BHC (Lindane)

R.T.: 4.559 min  
Delta R.T.: 0.000 min  
Response: 221404147  
Conc: 48.64 ng/ml



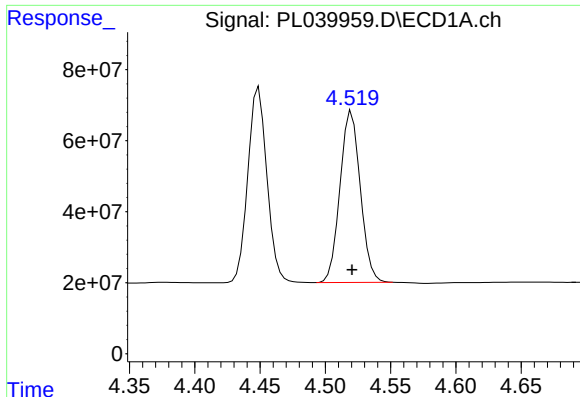
#4 Heptachlor

R.T.: 4.283 min  
Delta R.T.: 0.000 min  
Response: 533379615  
Conc: 46.24 ng/ml



#4 Heptachlor

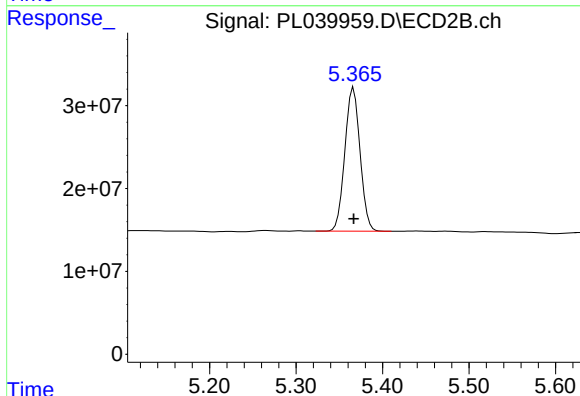
R.T.: 5.066 min  
Delta R.T.: 0.000 min  
Response: 215451708  
Conc: 49.84 ng/ml



#5 Aldrin

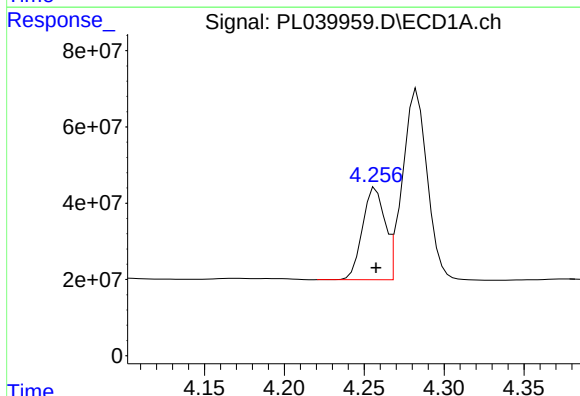
R.T.: 4.520 min  
Delta R.T.: 0.000 min  
Response: 523313065  
Conc: 47.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



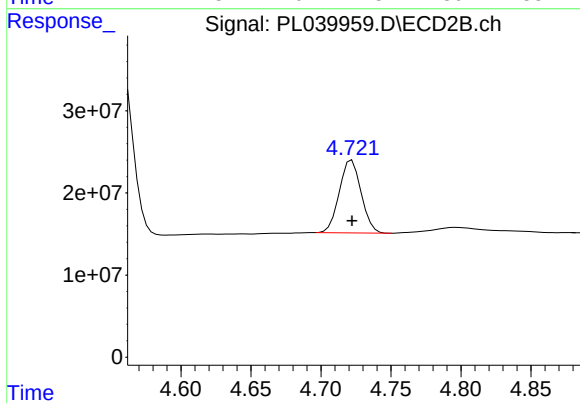
#5 Aldrin

R.T.: 5.366 min  
Delta R.T.: 0.000 min  
Response: 210391555  
Conc: 48.44 ng/ml



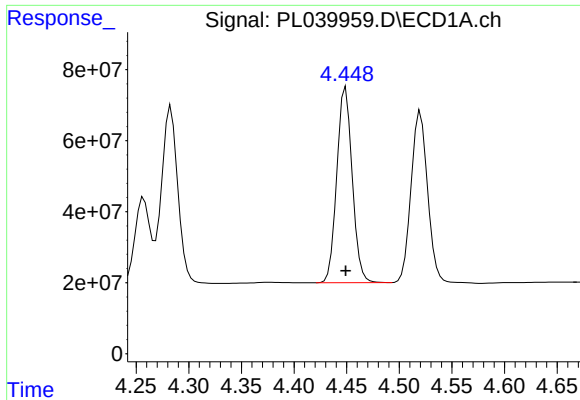
#6 beta-BHC

R.T.: 4.257 min  
Delta R.T.: 0.000 min  
Response: 235009983  
Conc: 47.78 ng/ml



#6 beta-BHC

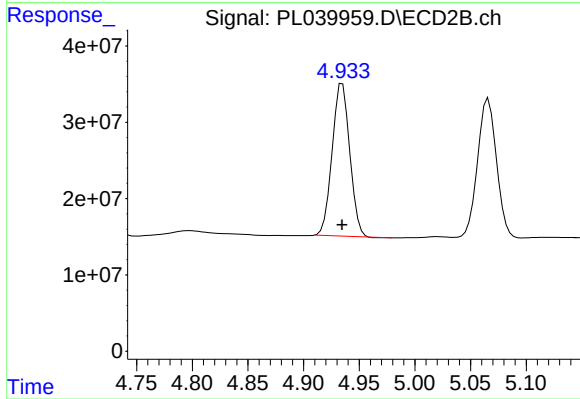
R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 96244462  
Conc: 49.05 ng/ml



#7 delta-BHC

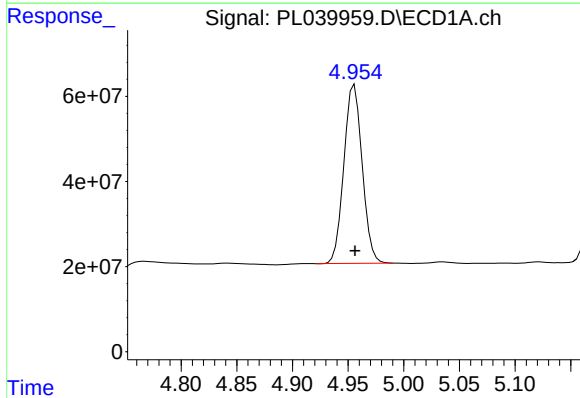
R.T.: 4.449 min  
Delta R.T.: 0.000 min  
Response: 561830704  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



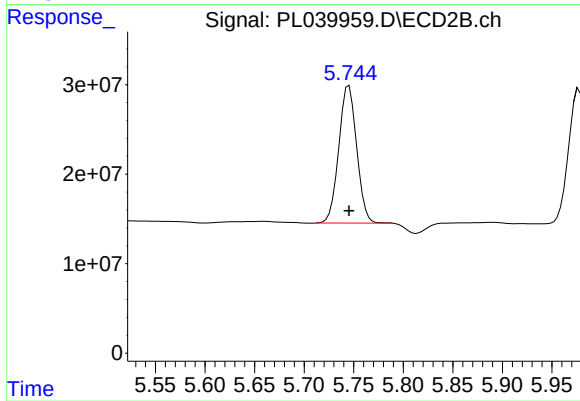
#7 delta-BHC

R.T.: 4.935 min  
Delta R.T.: 0.000 min  
Response: 218949079  
Conc: 55.04 ng/ml



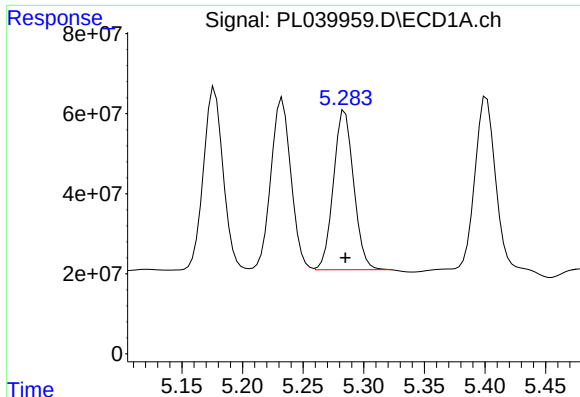
#8 Heptachlor epoxide

R.T.: 4.956 min  
Delta R.T.: 0.000 min  
Response: 480577888  
Conc: 47.16 ng/ml



#8 Heptachlor epoxide

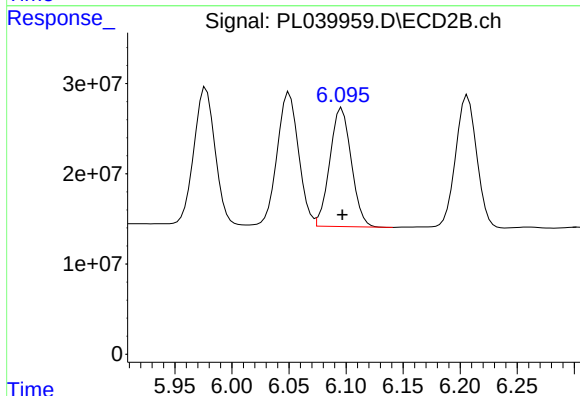
R.T.: 5.745 min  
Delta R.T.: 0.000 min  
Response: 192533023  
Conc: 48.68 ng/ml



#9 Endosulfan I

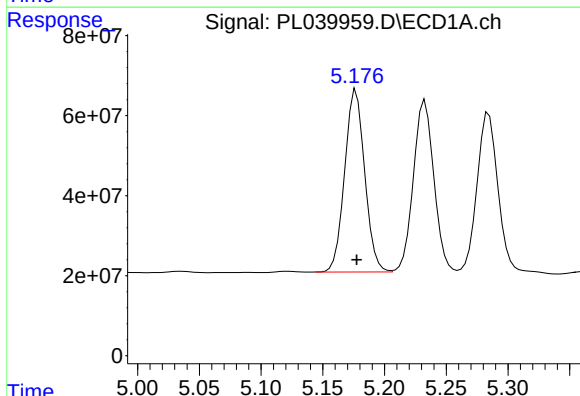
R.T.: 5.284 min  
Delta R.T.: 0.000 min  
Response: 461180697  
Conc: 46.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



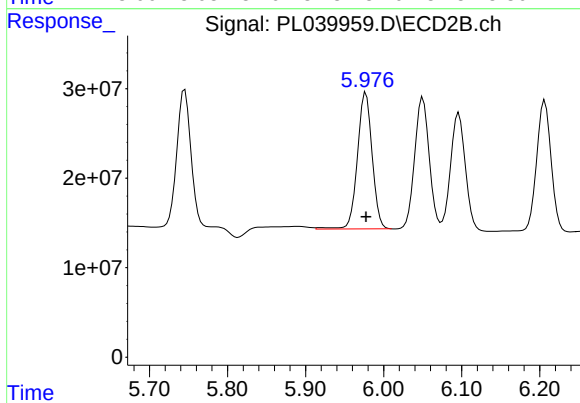
#9 Endosulfan I

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 171837438  
Conc: 48.39 ng/ml



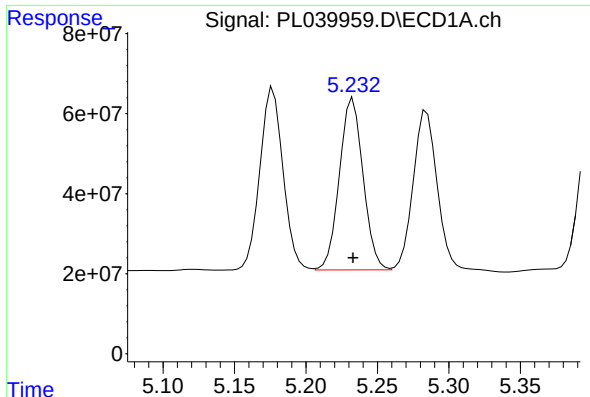
#10 gamma-Chlordane

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 514707603  
Conc: 46.53 ng/ml



#10 gamma-Chlordane

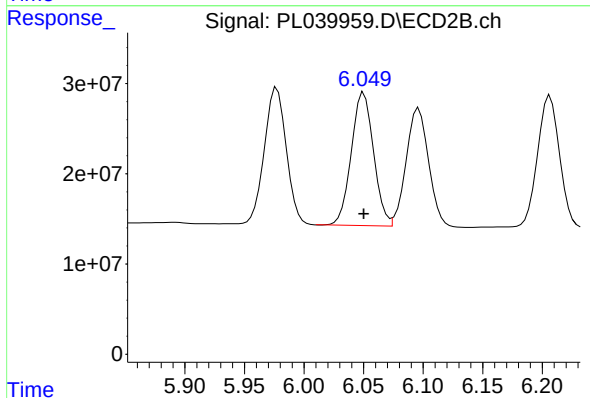
R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 199570044  
Conc: 52.73 ng/ml



#11 alpha-Chlordane

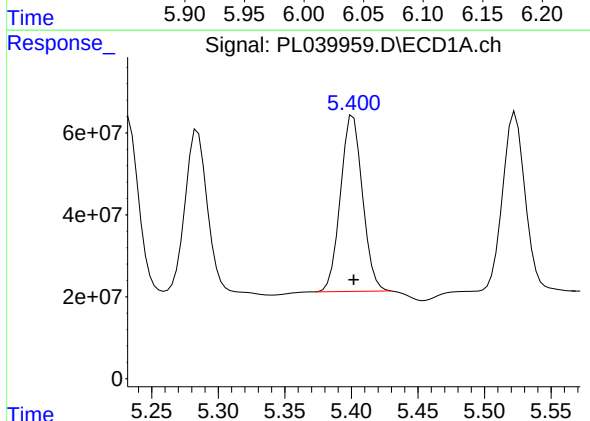
R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 494879594  
Conc: 46.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



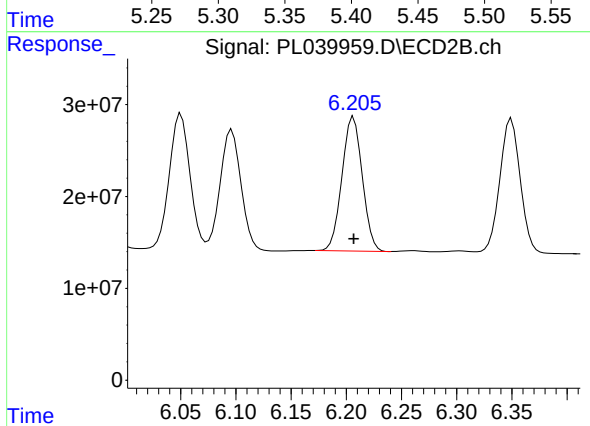
#11 alpha-Chlordane

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 191939648  
Conc: 48.45 ng/ml



#12 4,4'-DDE

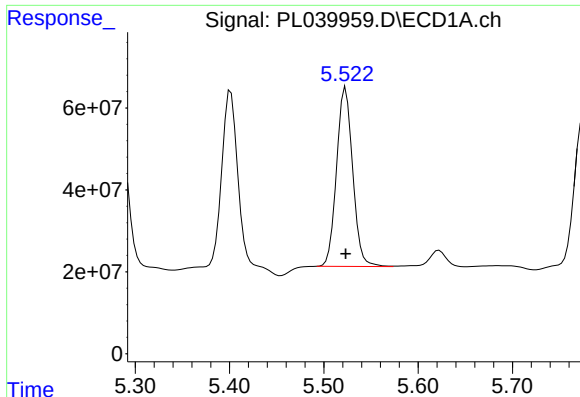
R.T.: 5.401 min  
Delta R.T.: 0.000 min  
Response: 495539256  
Conc: 46.75 ng/ml



#12 4,4'-DDE

R.T.: 6.207 min  
Delta R.T.: 0.000 min  
Response: 187389805  
Conc: 49.27 ng/ml

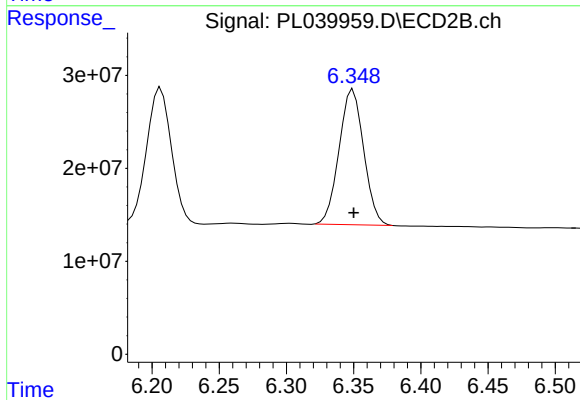




#13 Dieldrin

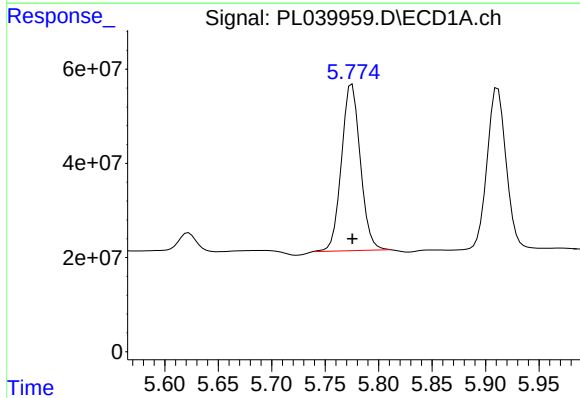
R.T.: 5.523 min  
Delta R.T.: 0.000 min  
Response: 519299260  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



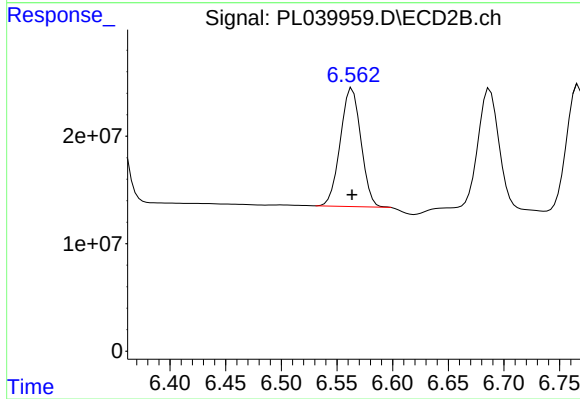
#13 Dieldrin

R.T.: 6.350 min  
Delta R.T.: 0.000 min  
Response: 184779778  
Conc: 48.56 ng/ml



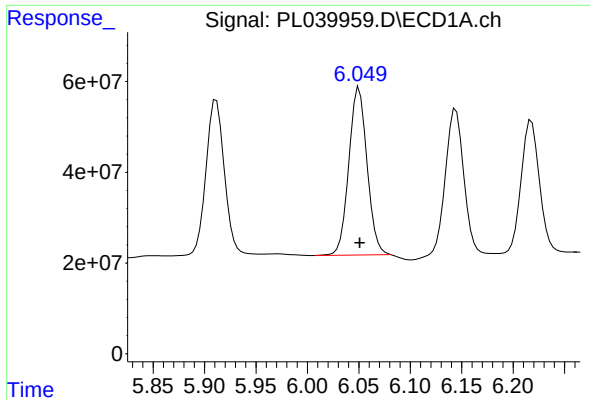
#14 Endrin

R.T.: 5.775 min  
Delta R.T.: 0.000 min  
Response: 435093990  
Conc: 42.40 ng/ml



#14 Endrin

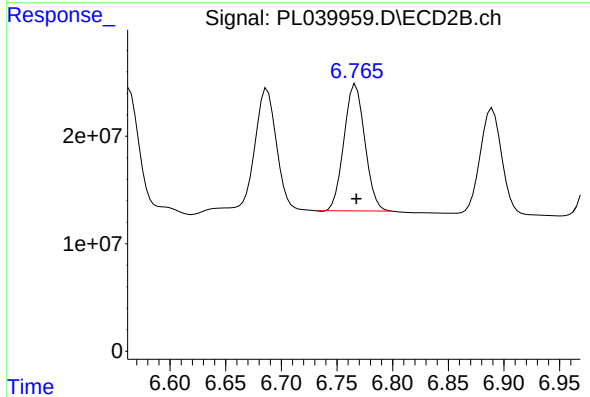
R.T.: 6.564 min  
Delta R.T.: 0.000 min  
Response: 142098543  
Conc: 43.65 ng/ml



#15 Endosulfan II

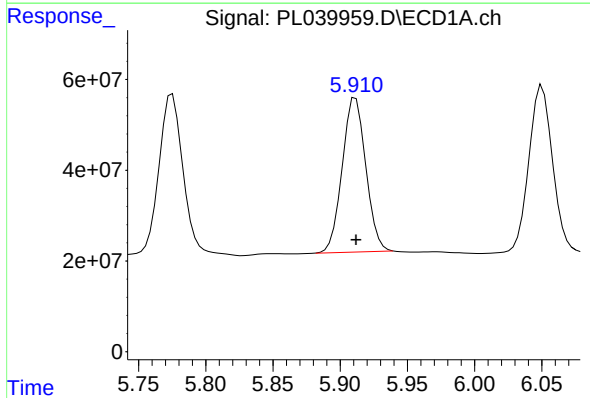
R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 456136858  
Conc: 47.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



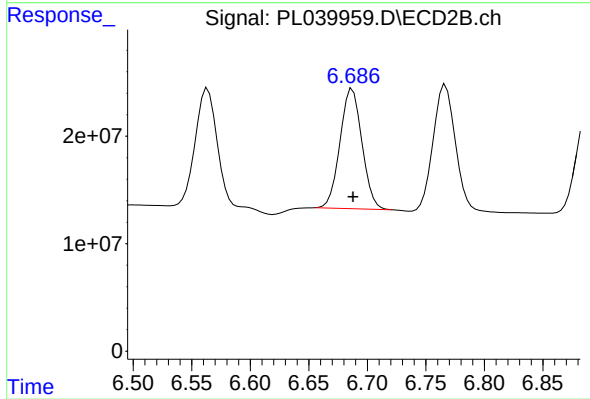
#15 Endosulfan II

R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 153698149  
Conc: 46.53 ng/ml



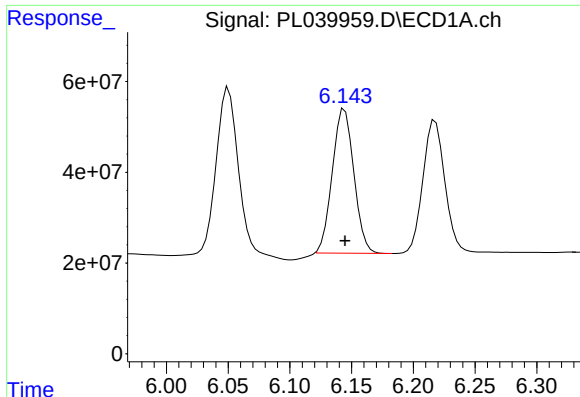
#16 4,4'-DDD

R.T.: 5.911 min  
Delta R.T.: 0.000 min  
Response: 414908206  
Conc: 47.86 ng/ml



#16 4,4'-DDD

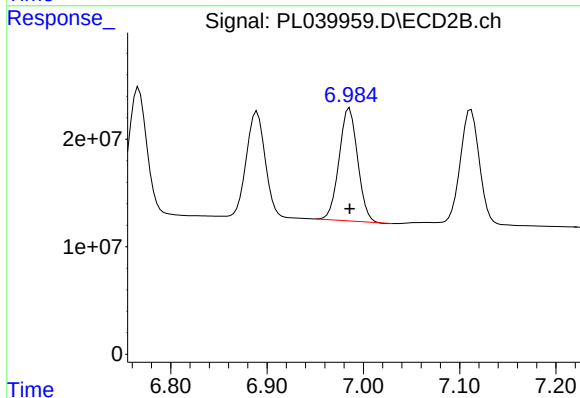
R.T.: 6.687 min  
Delta R.T.: 0.000 min  
Response: 145521275  
Conc: 50.34 ng/ml



#17 4,4'-DDT

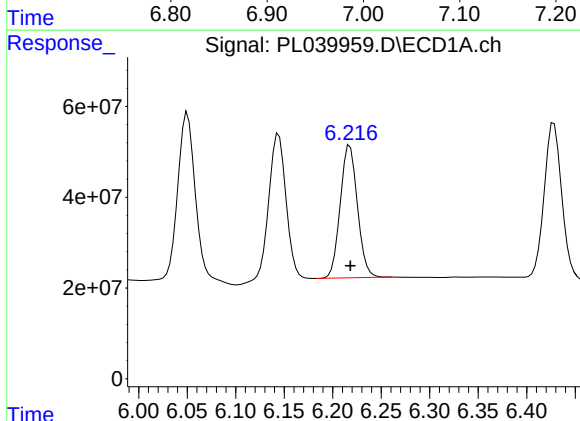
R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 386397576  
Conc: 42.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



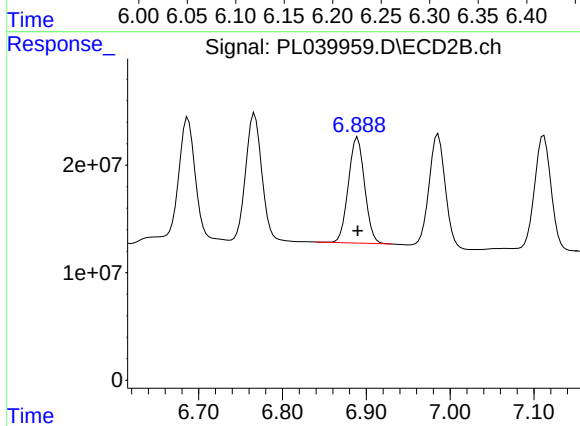
#17 4,4'-DDT

R.T.: 6.986 min  
Delta R.T.: 0.000 min  
Response: 139623495  
Conc: 46.67 ng/ml



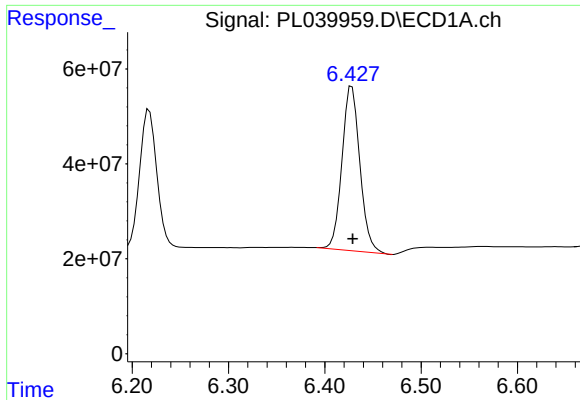
#18 Endrin aldehyde

R.T.: 6.218 min  
Delta R.T.: 0.000 min  
Response: 360545676  
Conc: 47.04 ng/ml



#18 Endrin aldehyde

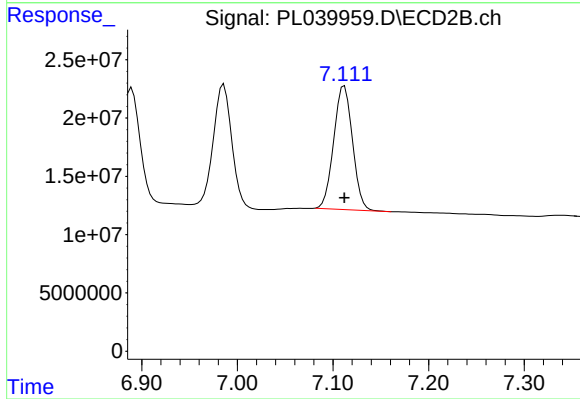
R.T.: 6.890 min  
Delta R.T.: 0.000 min  
Response: 132632526  
Conc: 50.50 ng/ml



#19 Endosulfan Sulfate

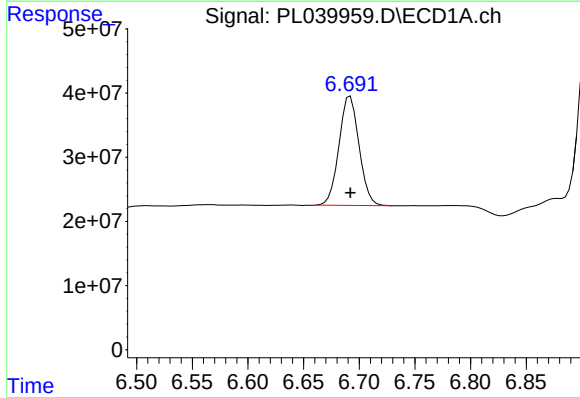
R.T.: 6.428 min  
Delta R.T.: 0.000 min  
Response: 446392347  
Conc: 48.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



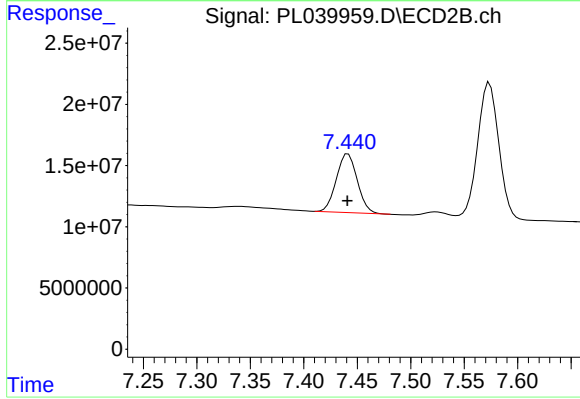
#19 Endosulfan Sulfate

R.T.: 7.112 min  
Delta R.T.: 0.000 min  
Response: 144347338  
Conc: 49.17 ng/ml



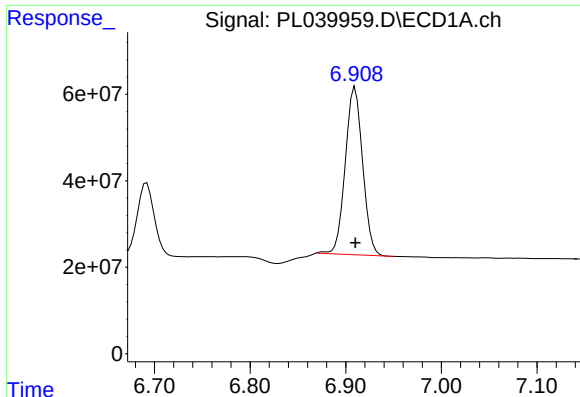
#20 Methoxychlor

R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 213360480  
Conc: 46.03 ng/ml



#20 Methoxychlor

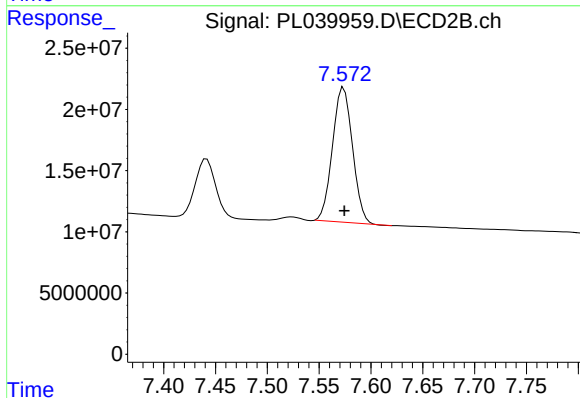
R.T.: 7.441 min  
Delta R.T.: 0.000 min  
Response: 65305747  
Conc: 46.14 ng/ml



#21 Endrin ketone

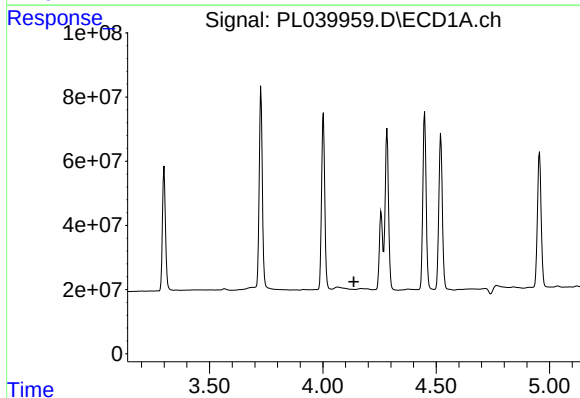
R.T.: 6.910 min  
Delta R.T.: 0.000 min  
Response: 489928214  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



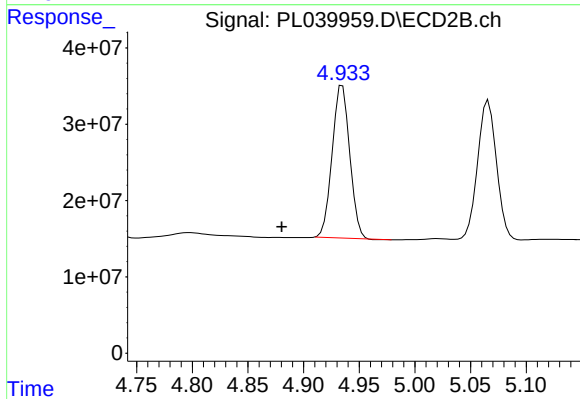
#21 Endrin ketone

R.T.: 7.574 min  
Delta R.T.: 0.000 min  
Response: 147462564  
Conc: 51.74 ng/ml



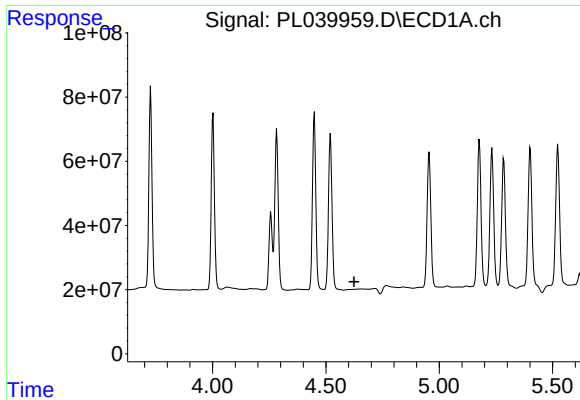
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.136 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

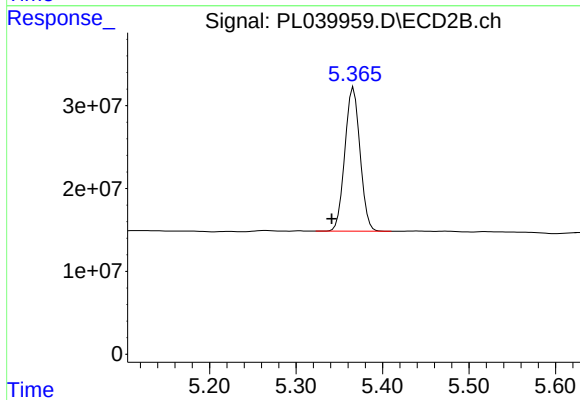
R.T.: 4.935 min  
Delta R.T.: 0.054 min  
Response: 218949079  
Conc: 1413.98 ng/ml



#24 Chlordane-2

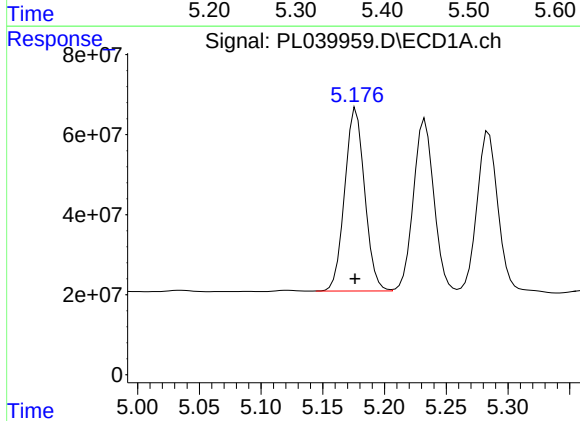
R.T.: 0.000 min  
Exp R.T.: 4.625 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



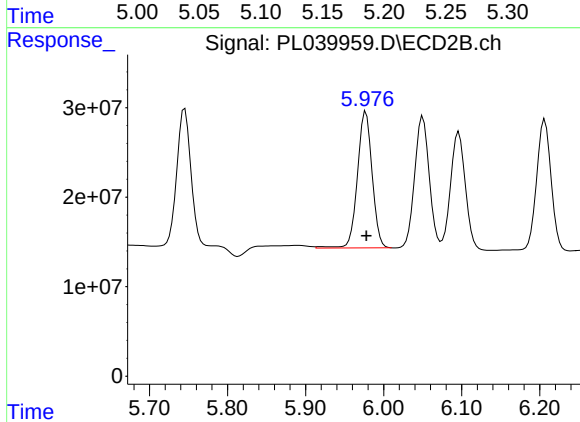
#24 Chlordane-2

R.T.: 5.366 min  
Delta R.T.: 0.025 min  
Response: 210391555  
Conc: 1380.48 ng/ml



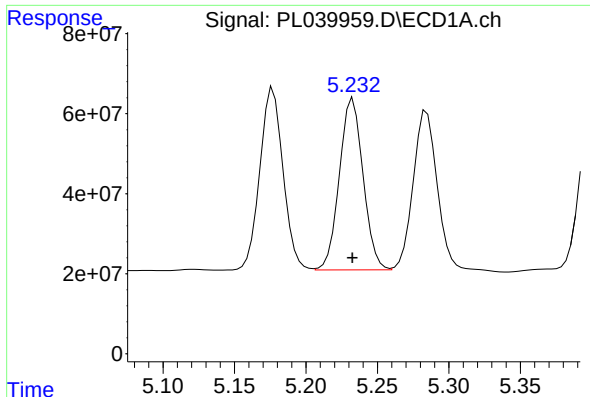
#25 Chlordane-3

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 514707603  
Conc: 419.44 ng/ml



#25 Chlordane-3

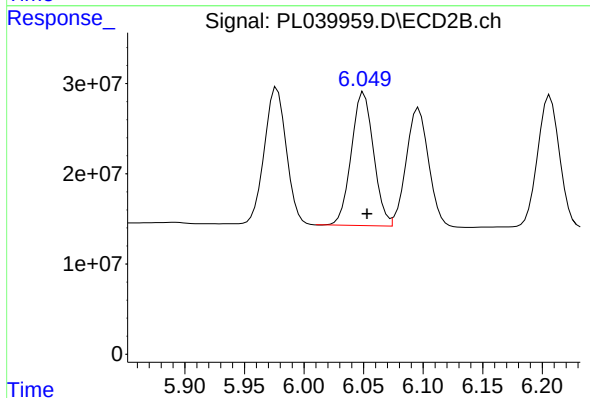
R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 199570044  
Conc: 389.83 ng/ml



#26 Chlordane-4

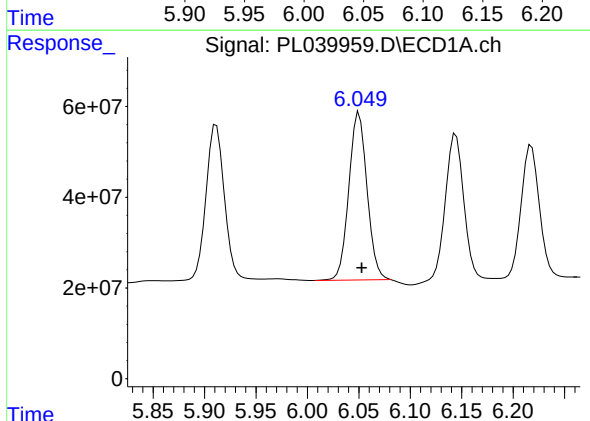
R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 494879594  
Conc: 451.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



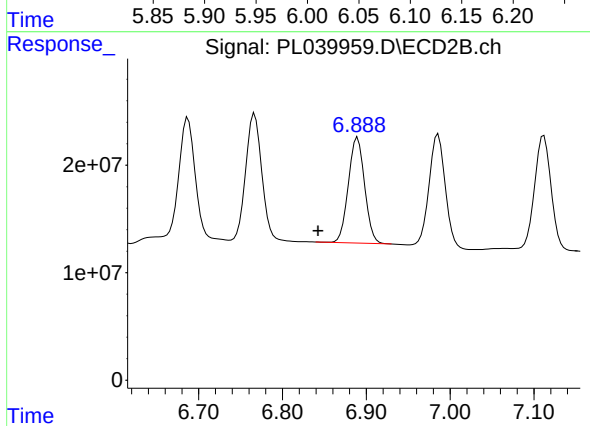
#26 Chlordane-4

R.T.: 6.050 min  
Delta R.T.: -0.003 min  
Response: 191939648  
Conc: 310.10 ng/ml



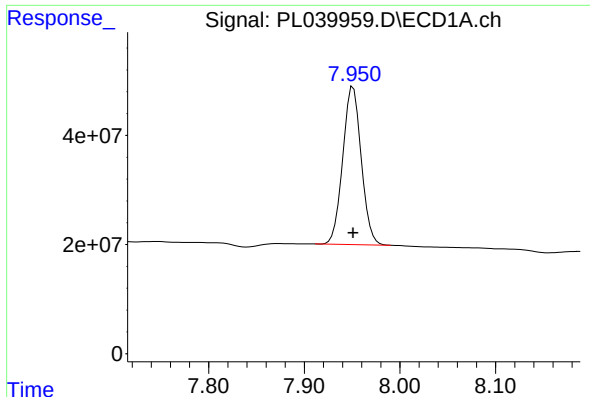
#27 Chlordane-5

R.T.: 6.050 min  
Delta R.T.: -0.003 min  
Response: 456136858  
Conc: 1230.30 ng/ml



#27 Chlordane-5

R.T.: 6.890 min  
Delta R.T.: 0.047 min  
Response: 132632526  
Conc: 1142.98 ng/ml



#28 Decachlorobiphenyl

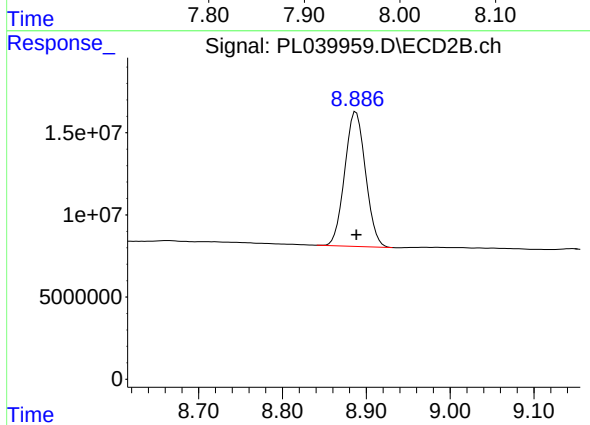
R.T.: 7.951 min

Delta R.T.: 0.000 min

Response: 389066072

Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.888 min

Delta R.T.: 0.000 min

Response: 141340514

Conc: 52.04 ng/ml