

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100819\  
 Data File : PL053165.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Oct 2019 19:46  
 Operator : SG\AJ  
 Sample : K5141-08MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 JC-02-100419MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 09 00:44:01 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... | 3.546 | 4.048 | 187.0E6 | 49203573 | 18.798 | 18.324 |
| 28)                         | SA Decachlor... | 8.336 | 9.126 | 131.6E6 | 40532763 | 13.138 | 13.816 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.990 | 4.439 | 871.4E6 | 198.2E6  | 54.634 | 51.624 |
| 3)                          | MA gamma-BHC... | 4.276 | 4.724 | 781.7E6 | 180.6E6  | 53.670 | 49.883 |
| 4)                          | MA Heptachlor   | 4.584 | 5.234 | 780.1E6 | 180.4E6  | 52.208 | 47.333 |
| 5)                          | MB Aldrin       | 4.837 | 5.540 | 692.6E6 | 164.2E6  | 50.355 | 47.393 |
| 6)                          | B beta-BHC      | 4.527 | 4.893 | 332.4E6 | 82229503 | 53.545 | 52.315 |
| 7)                          | B delta-BHC     | 4.735 | 5.111 | 568.3E6 | 118.0E6  | 39.664 | 32.597 |
| 8)                          | B Heptachlor... | 5.283 | 5.926 | 708.4E6 | 157.7E6  | 54.366 | 47.049 |
| 9)                          | A Endosulfan I  | 5.625 | 6.282 | 647.6E6 | 152.6E6  | 53.365 | 48.807 |
| 10)                         | B gamma-Chl...  | 5.511 | 6.160 | 728.3E6 | 163.2E6  | 54.153 | 48.228 |
| 11)                         | B alpha-Chl...  | 5.570 | 6.232 | 693.6E6 | 163.1E6  | 52.591 | 48.459 |
| 12)                         | B 4,4'-DDE      | 5.733 | 6.388 | 640.3E6 | 159.4E6  | 55.168 | 48.791 |
| 13)                         | MA Dieldrin     | 5.870 | 6.540 | 690.8E6 | 155.9E6  | 53.515 | 47.805 |
| 14)                         | MA Endrin       | 6.129 | 6.758 | 643.1E6 | 135.2E6  | 56.462 | 48.693 |
| 15)                         | B Endosulfa...  | 6.401 | 6.966 | 596.0E6 | 139.2E6  | 52.010 | 46.932 |
| 16)                         | A 4,4'-DDD      | 6.251 | 6.877 | 527.5E6 | 120.8E6  | 58.691 | 49.267 |
| 17)                         | MA 4,4'-DDT     | 6.494 | 7.176 | 535.9E6 | 120.2E6  | 52.473 | 46.180 |
| 18)                         | B Endrin al...  | 6.569 | 7.090 | 464.5E6 | 109.8E6  | 49.459 | 44.786 |
| 19)                         | B Endosulfa...  | 6.783 | 7.313 | 483.6E6 | 120.0E6  | 46.463 | 43.951 |
| 20)                         | A Methoxychlor  | 7.040 | 7.634 | 241.5E6 | 63634033 | 46.825 | 45.197 |
| 21)                         | B Endrin ke...  | 7.278 | 7.784 | 524.1E6 | 129.3E6  | 44.971 | 45.307 |
| 22)                         | Mirex           | 7.472 | 8.238 | 465.8E6 | 109.1E6  | 49.323 | 48.526 |
| -----                       |                 |       |       |         |          |        |        |

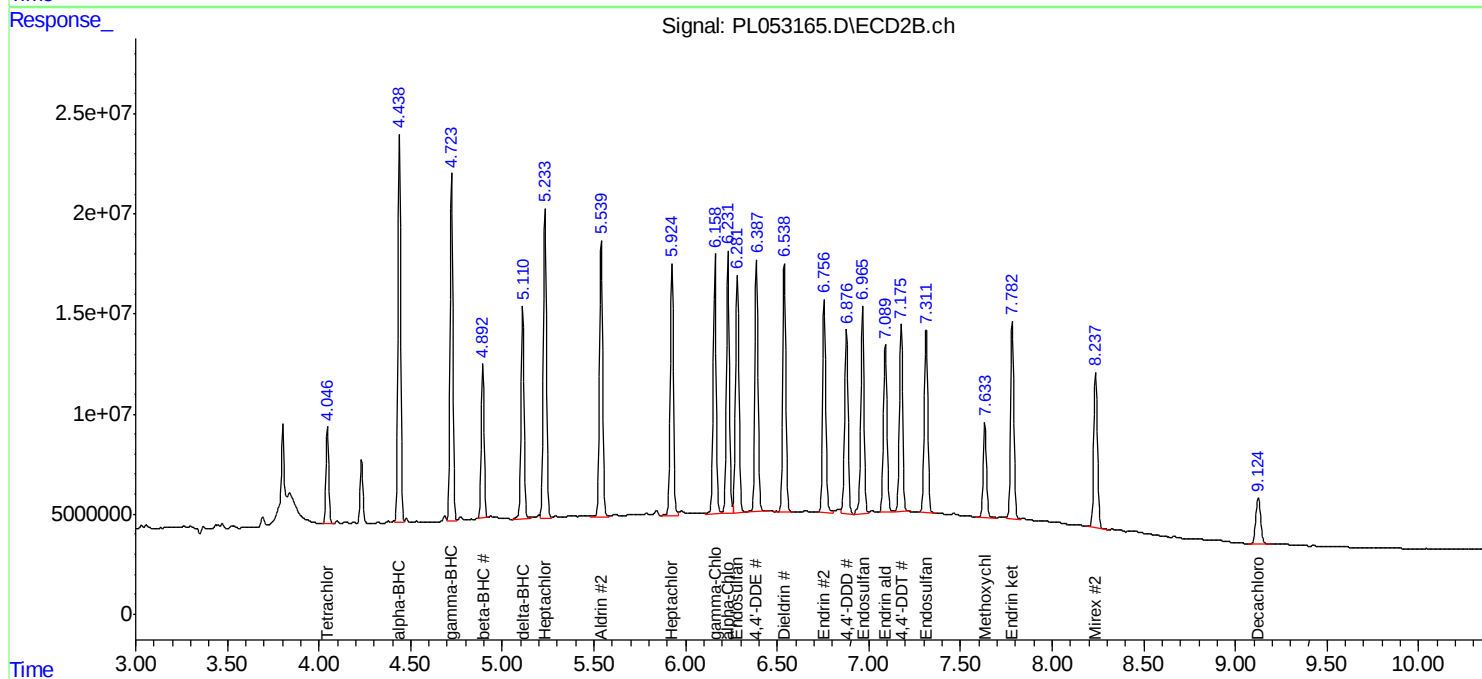
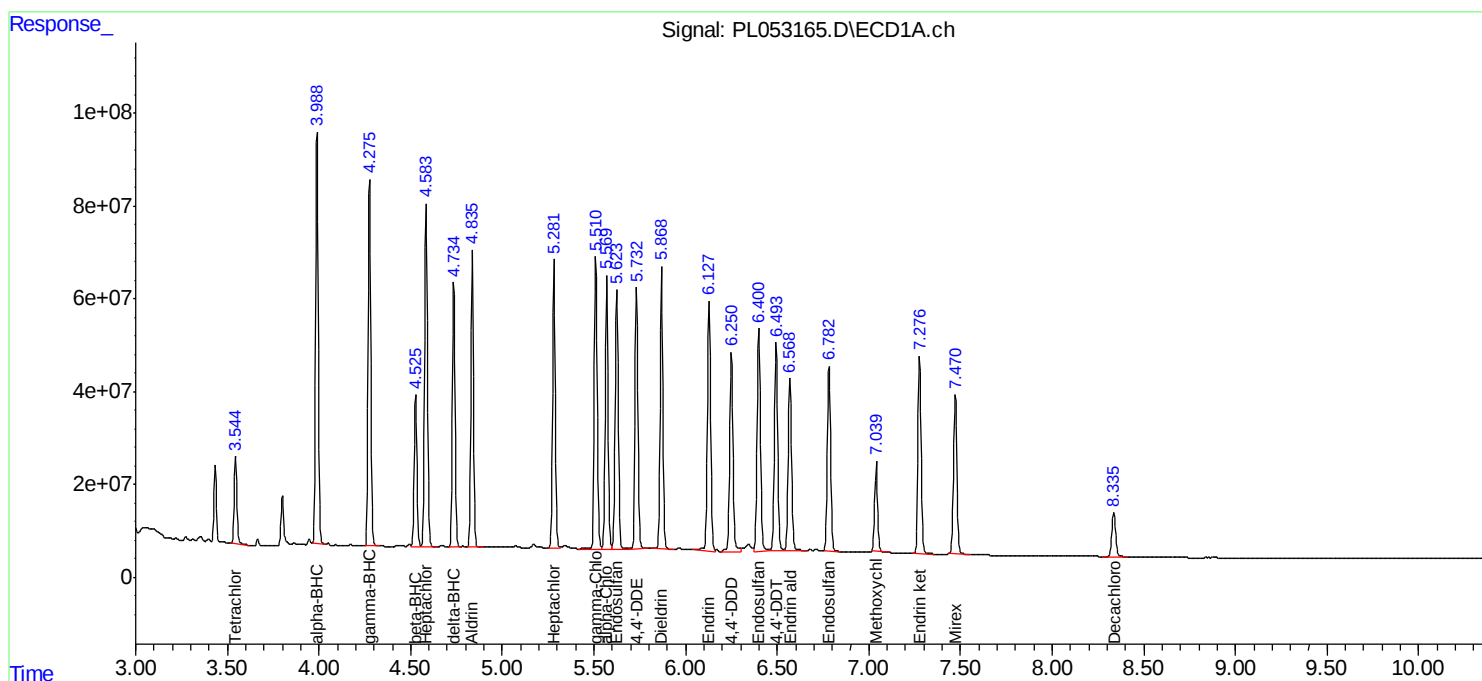
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

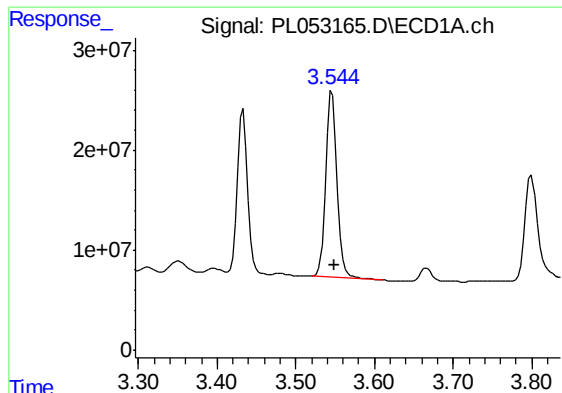
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100819\  
Data File : PL053165.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Oct 2019 19:46  
Operator : SG\AJ  
Sample : K5141-08MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 09 00:44:01 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

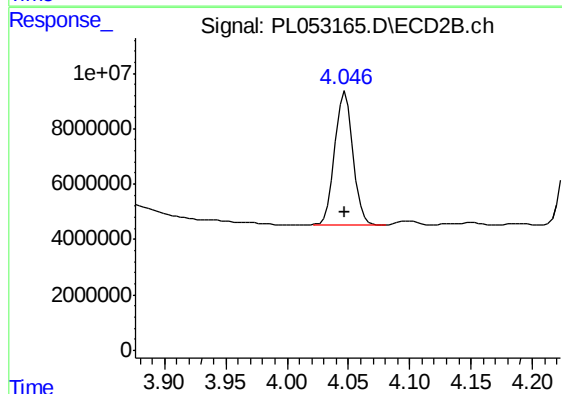




#1 Tetrachloro-m-xylene

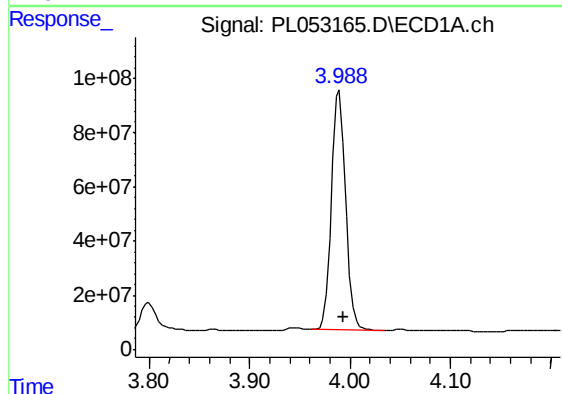
R.T.: 3.546 min  
Delta R.T.: -0.003 min  
Response: 186978736  
Conc: 18.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



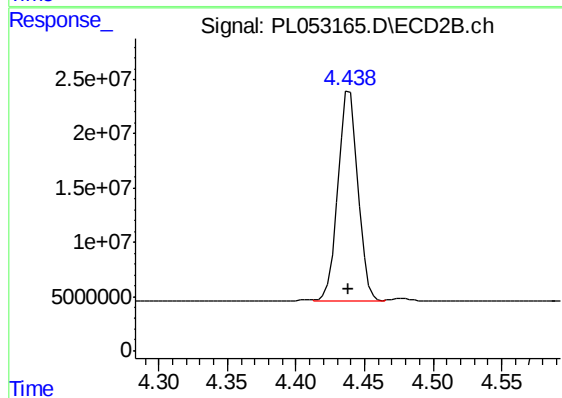
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 49203573  
Conc: 18.32 ng/ml



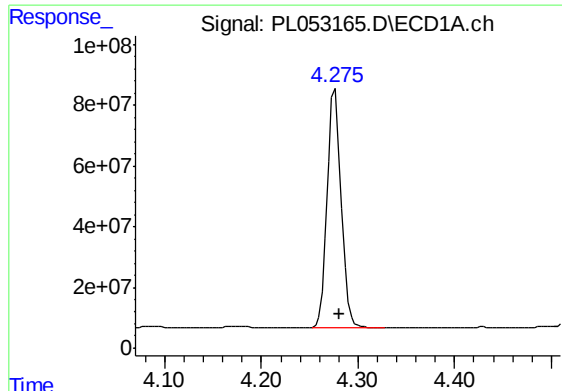
#2 alpha-BHC

R.T.: 3.990 min  
Delta R.T.: -0.004 min  
Response: 871439284  
Conc: 54.63 ng/ml



#2 alpha-BHC

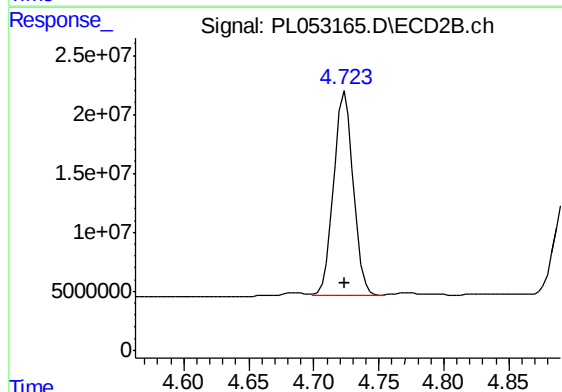
R.T.: 4.439 min  
Delta R.T.: 0.001 min  
Response: 198239840  
Conc: 51.62 ng/ml



#3 gamma-BHC (Lindane)

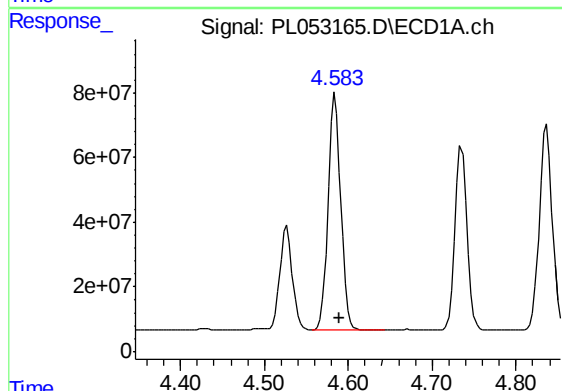
R.T.: 4.276 min  
Delta R.T.: -0.004 min  
Response: 781675561  
Conc: 53.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



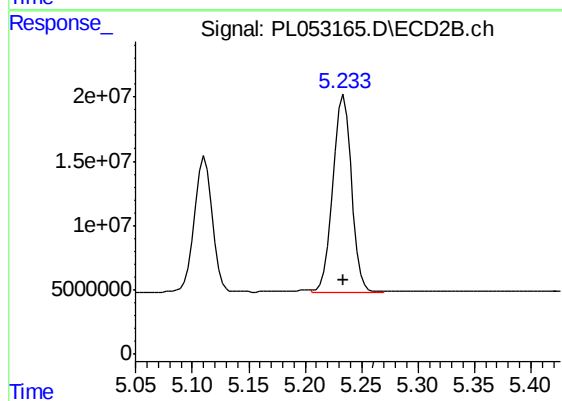
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 180634600  
Conc: 49.88 ng/ml



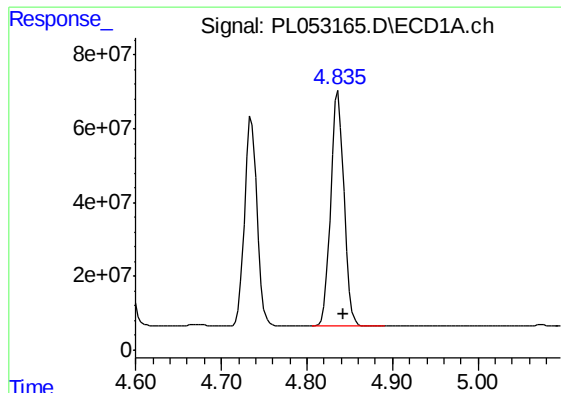
#4 Heptachlor

R.T.: 4.584 min  
Delta R.T.: -0.005 min  
Response: 780088074  
Conc: 52.21 ng/ml



#4 Heptachlor

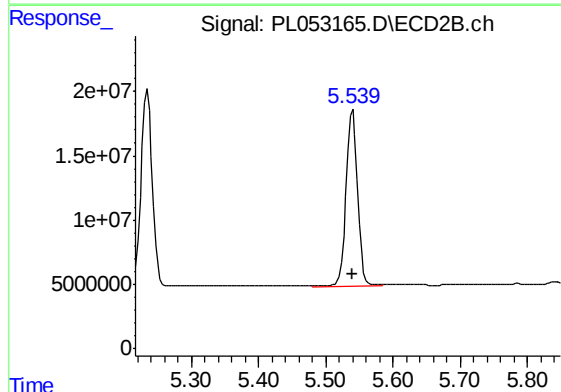
R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 180371331  
Conc: 47.33 ng/ml



#5 Aldrin

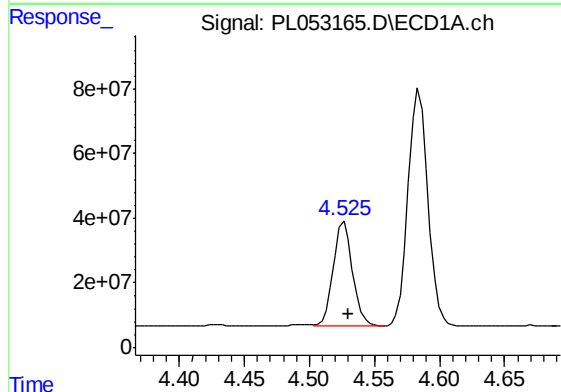
R.T.: 4.837 min  
Delta R.T.: -0.006 min  
Response: 692645770  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



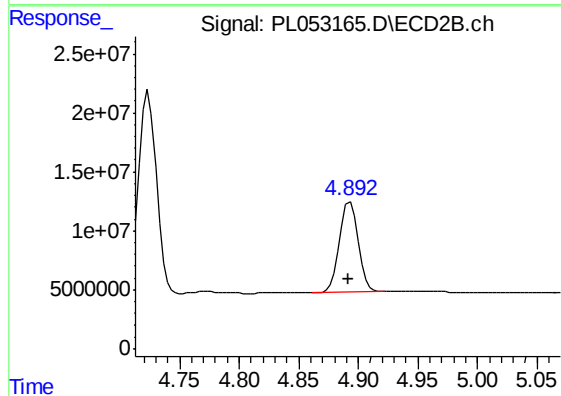
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.001 min  
Response: 164247630  
Conc: 47.39 ng/ml



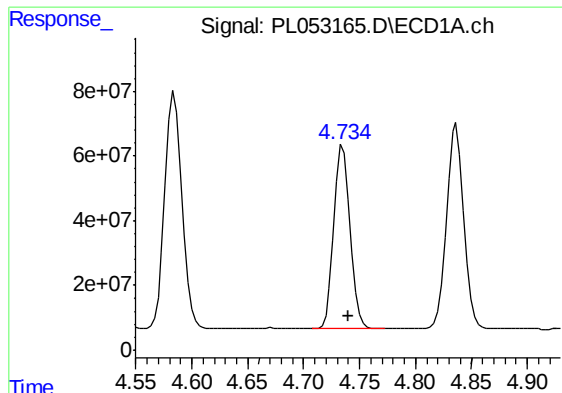
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: -0.003 min  
Response: 332440435  
Conc: 53.55 ng/ml



#6 beta-BHC

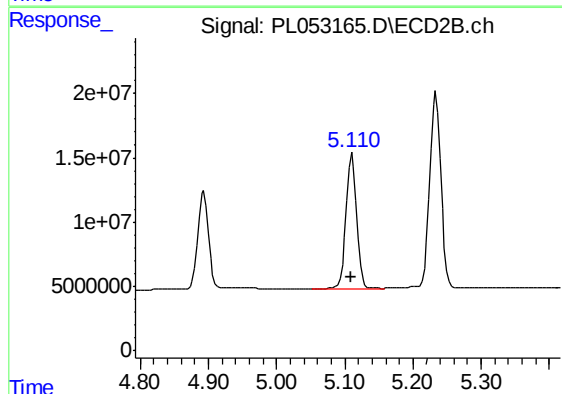
R.T.: 4.893 min  
Delta R.T.: 0.001 min  
Response: 82229503  
Conc: 52.32 ng/ml



#7 delta-BHC

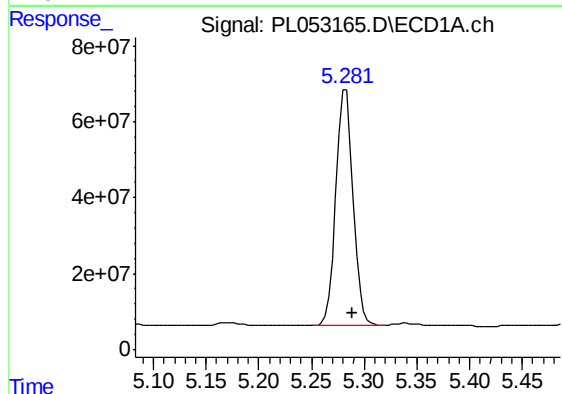
R.T.: 4.735 min  
Delta R.T.: -0.004 min  
Response: 568348026  
Conc: 39.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



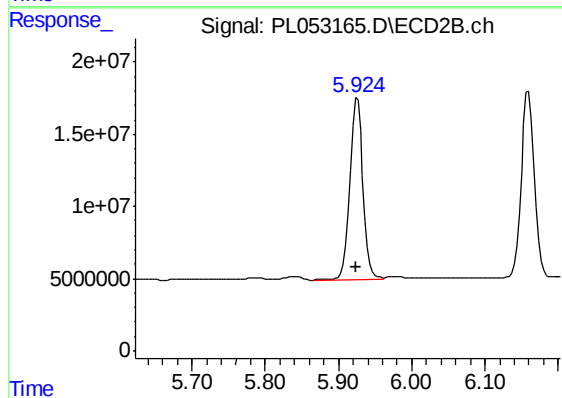
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.002 min  
Response: 117998357  
Conc: 32.60 ng/ml



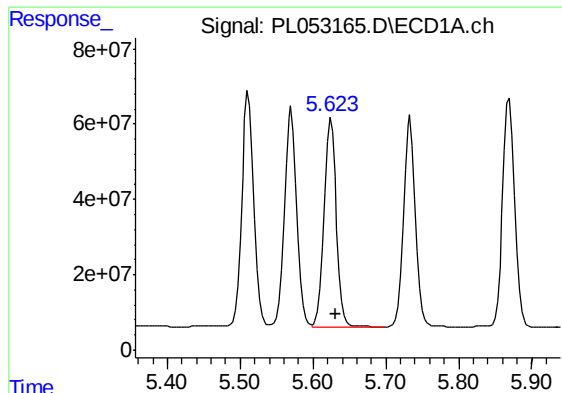
#8 Heptachlor epoxide

R.T.: 5.283 min  
Delta R.T.: -0.006 min  
Response: 708443402  
Conc: 54.37 ng/ml



#8 Heptachlor epoxide

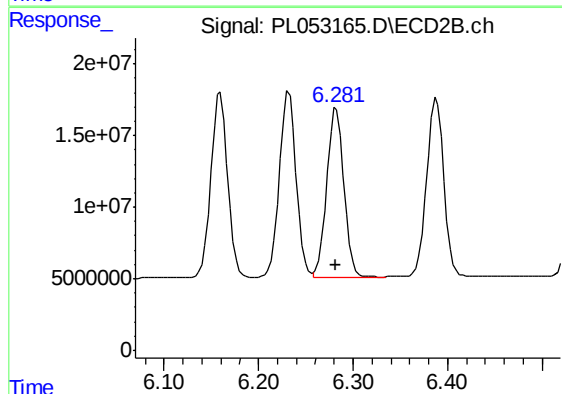
R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 157684282  
Conc: 47.05 ng/ml



#9 Endosulfan I

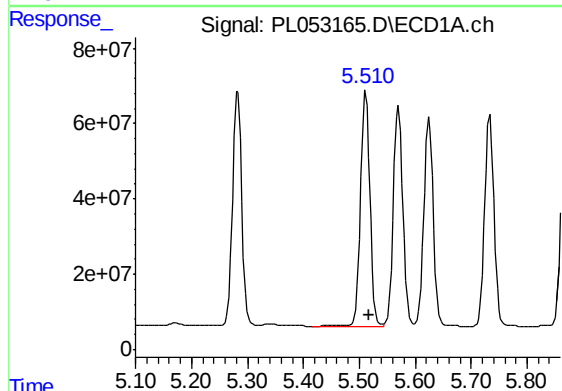
R.T.: 5.625 min  
Delta R.T.: -0.007 min  
Response: 647628473  
Conc: 53.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



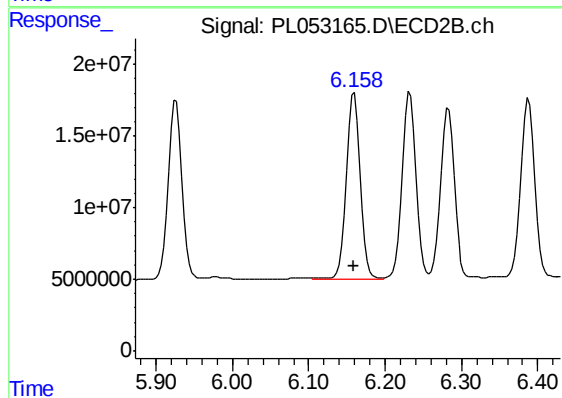
#9 Endosulfan I

R.T.: 6.282 min  
Delta R.T.: 0.001 min  
Response: 152554948  
Conc: 48.81 ng/ml



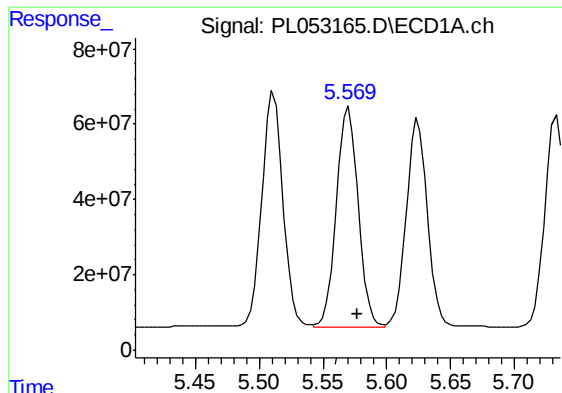
#10 gamma-Chlordane

R.T.: 5.511 min  
Delta R.T.: -0.007 min  
Response: 728252079  
Conc: 54.15 ng/ml



#10 gamma-Chlordane

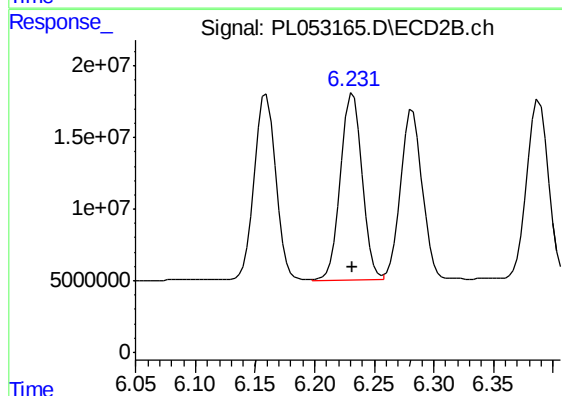
R.T.: 6.160 min  
Delta R.T.: 0.001 min  
Response: 163159963  
Conc: 48.23 ng/ml



#11 alpha-Chlordane

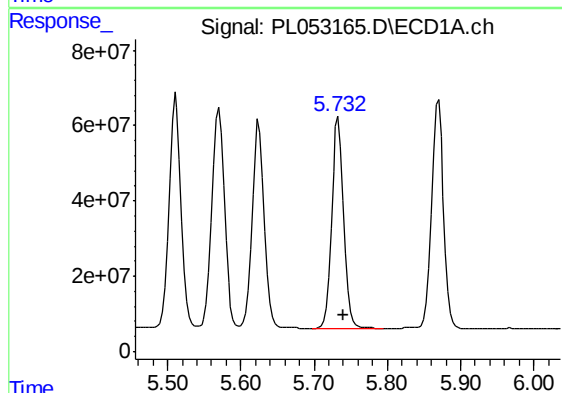
R.T.: 5.570 min  
Delta R.T.: -0.006 min  
Response: 693641749  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



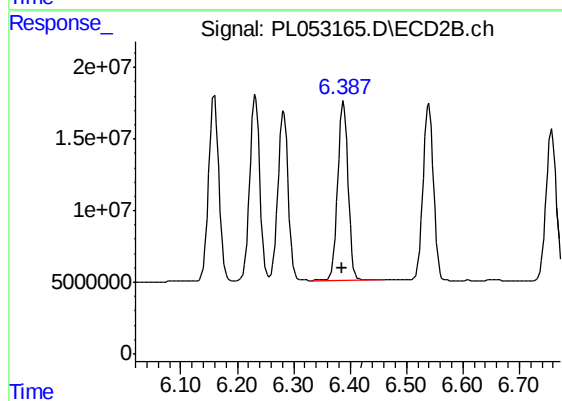
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.000 min  
Response: 163111880  
Conc: 48.46 ng/ml



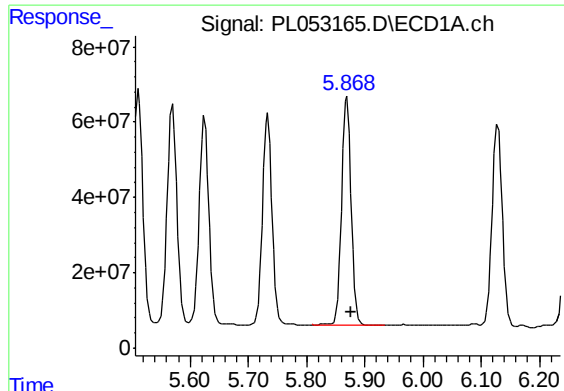
#12 4,4'-DDE

R.T.: 5.733 min  
Delta R.T.: -0.007 min  
Response: 640305193  
Conc: 55.17 ng/ml



#12 4,4'-DDE

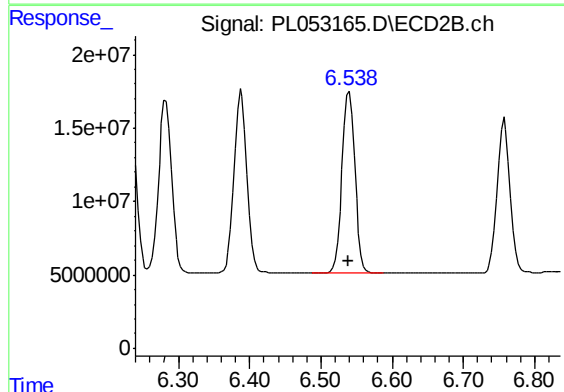
R.T.: 6.388 min  
Delta R.T.: 0.002 min  
Response: 159359193  
Conc: 48.79 ng/ml



#13 Dielldrin

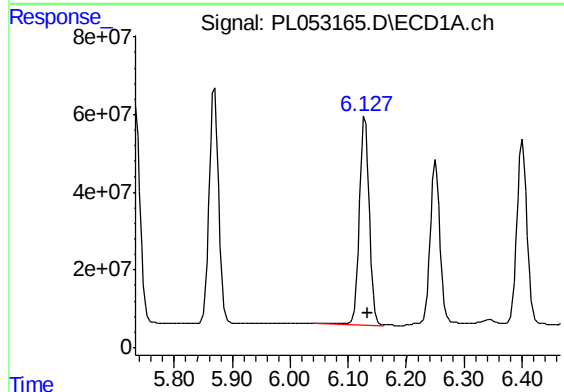
R.T.: 5.870 min  
Delta R.T.: -0.007 min  
Response: 690785116  
Conc: 53.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



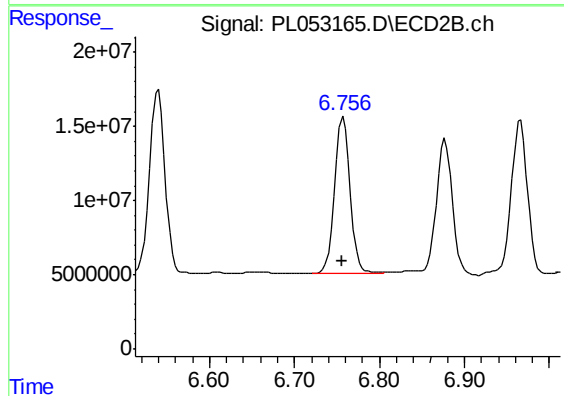
#13 Dielldrin

R.T.: 6.540 min  
Delta R.T.: 0.002 min  
Response: 155939411  
Conc: 47.81 ng/ml



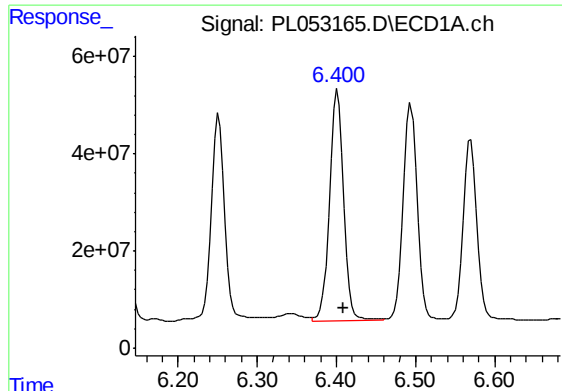
#14 Endrin

R.T.: 6.129 min  
Delta R.T.: -0.006 min  
Response: 643147108  
Conc: 56.46 ng/ml



#14 Endrin

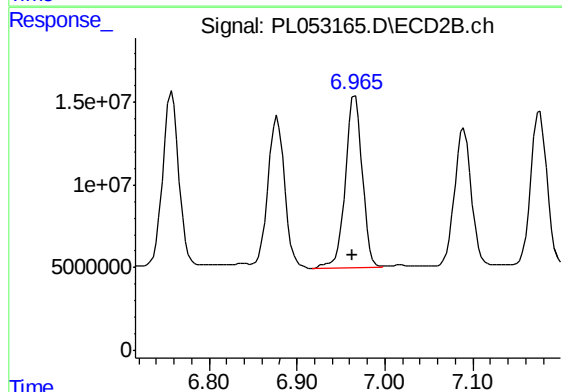
R.T.: 6.758 min  
Delta R.T.: 0.002 min  
Response: 135216133  
Conc: 48.69 ng/ml



#15 Endosulfan II

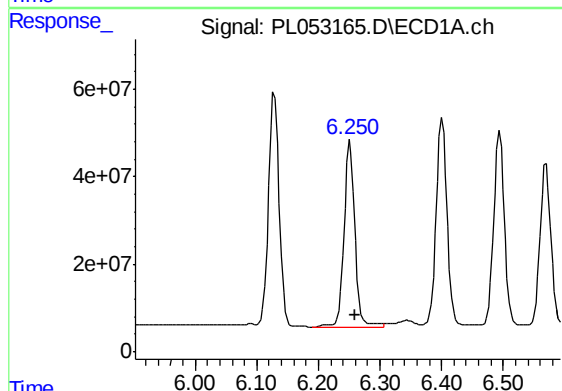
R.T.: 6.401 min  
Delta R.T.: -0.007 min  
Response: 596012436  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



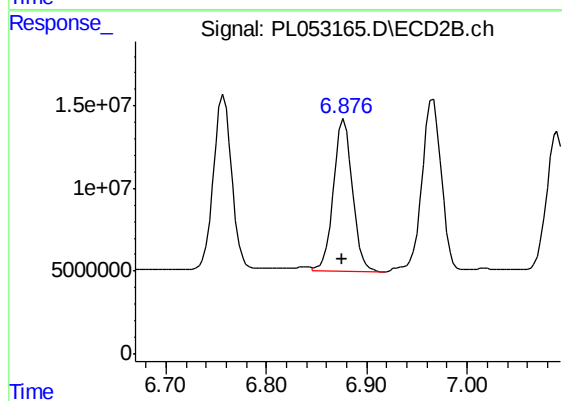
#15 Endosulfan II

R.T.: 6.966 min  
Delta R.T.: 0.004 min  
Response: 139246980  
Conc: 46.93 ng/ml



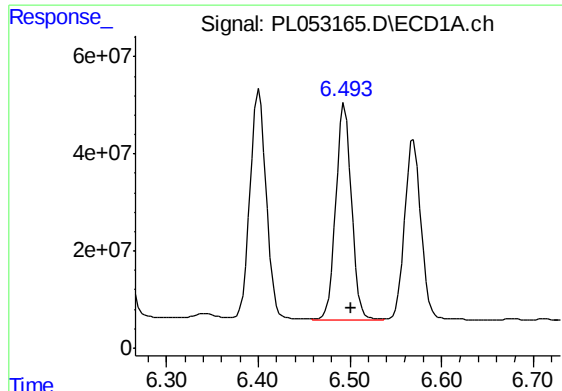
#16 4,4'-DDD

R.T.: 6.251 min  
Delta R.T.: -0.007 min  
Response: 527539090  
Conc: 58.69 ng/ml



#16 4,4'-DDD

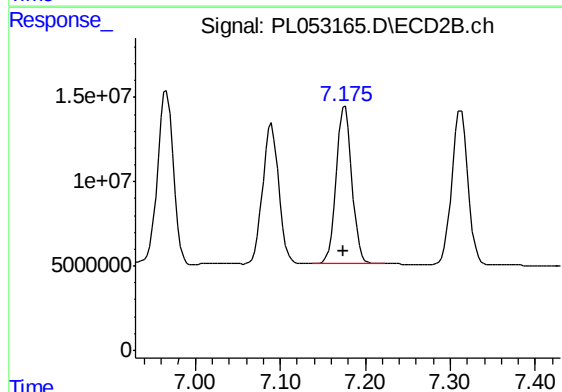
R.T.: 6.877 min  
Delta R.T.: 0.002 min  
Response: 120829940  
Conc: 49.27 ng/ml



#17 4,4'-DDT

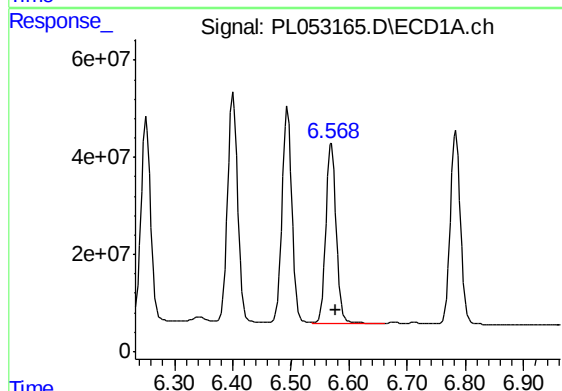
R.T.: 6.494 min  
Delta R.T.: -0.007 min  
Response: 535873934  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



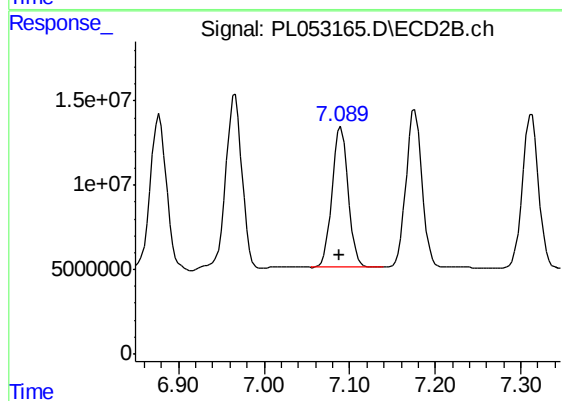
#17 4,4'-DDT

R.T.: 7.176 min  
Delta R.T.: 0.002 min  
Response: 120185987  
Conc: 46.18 ng/ml



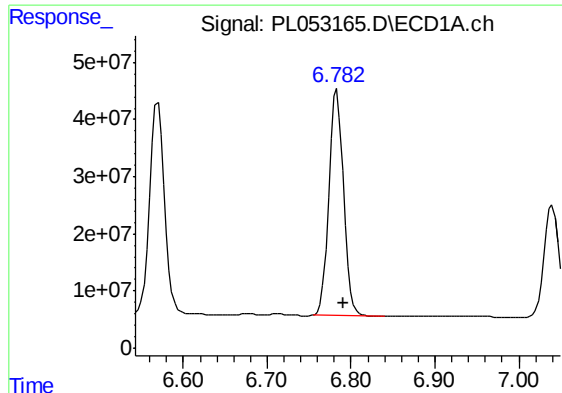
#18 Endrin aldehyde

R.T.: 6.569 min  
Delta R.T.: -0.007 min  
Response: 464462814  
Conc: 49.46 ng/ml



#18 Endrin aldehyde

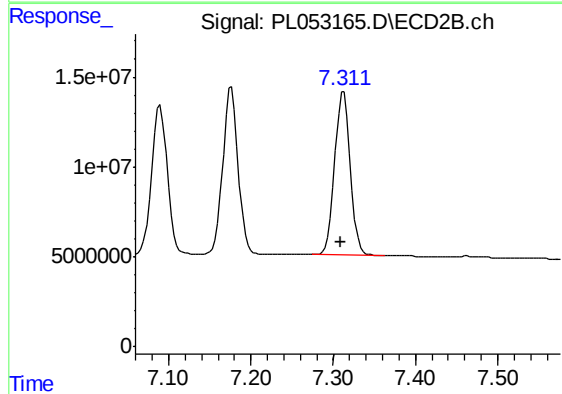
R.T.: 7.090 min  
Delta R.T.: 0.002 min  
Response: 109845019  
Conc: 44.79 ng/ml



#19 Endosulfan Sulfate

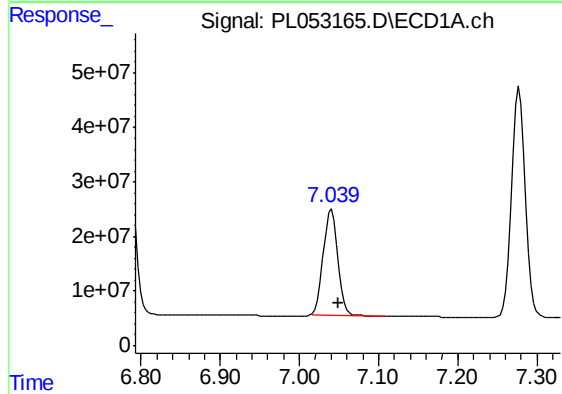
R.T.: 6.783 min  
Delta R.T.: -0.007 min  
Response: 483638614  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



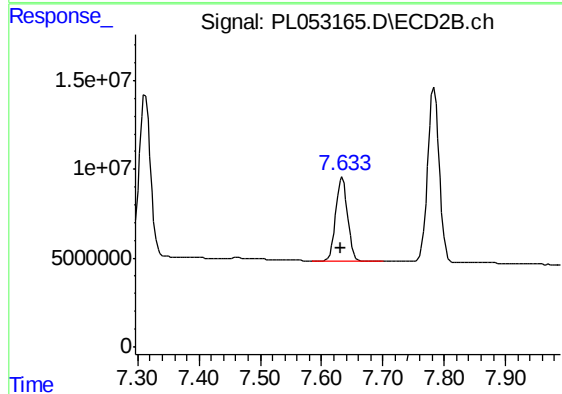
#19 Endosulfan Sulfate

R.T.: 7.313 min  
Delta R.T.: 0.003 min  
Response: 120003127  
Conc: 43.95 ng/ml



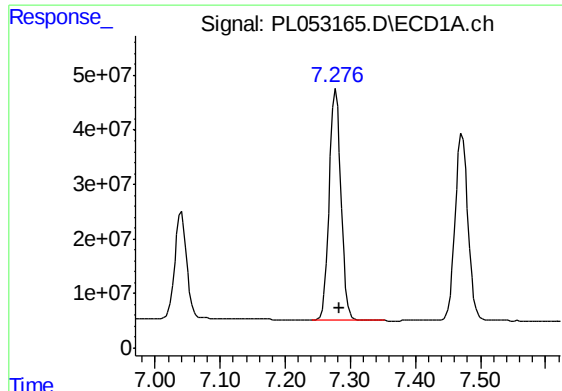
#20 Methoxychlor

R.T.: 7.040 min  
Delta R.T.: -0.009 min  
Response: 241529351  
Conc: 46.82 ng/ml



#20 Methoxychlor

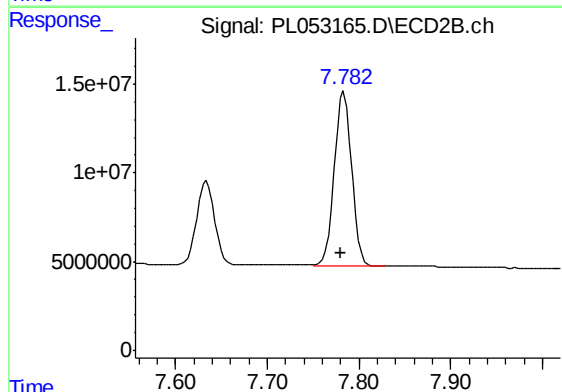
R.T.: 7.634 min  
Delta R.T.: 0.003 min  
Response: 63634033  
Conc: 45.20 ng/ml



#21 Endrin ketone

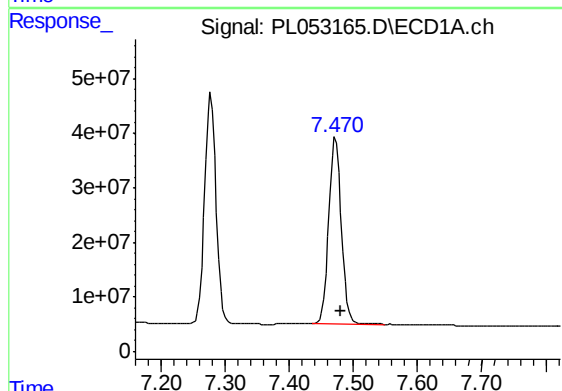
R.T.: 7.278 min  
Delta R.T.: -0.007 min  
Response: 524134396  
Conc: 44.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



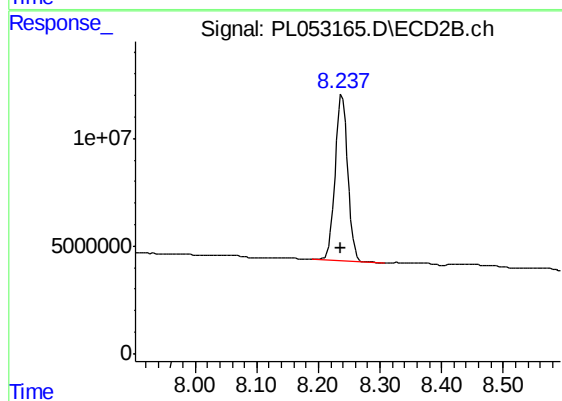
#21 Endrin ketone

R.T.: 7.784 min  
Delta R.T.: 0.003 min  
Response: 129256309  
Conc: 45.31 ng/ml



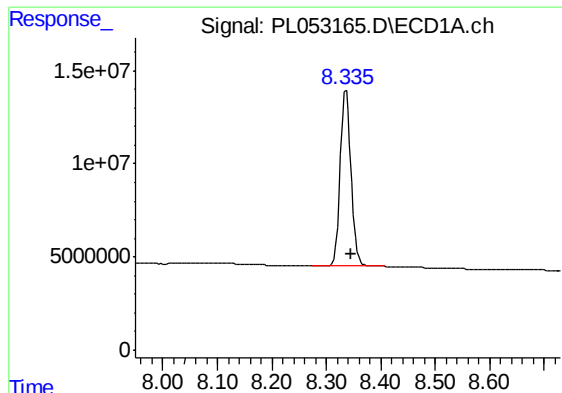
#22 Mirex

R.T.: 7.472 min  
Delta R.T.: -0.009 min  
Response: 465786164  
Conc: 49.32 ng/ml



#22 Mirex

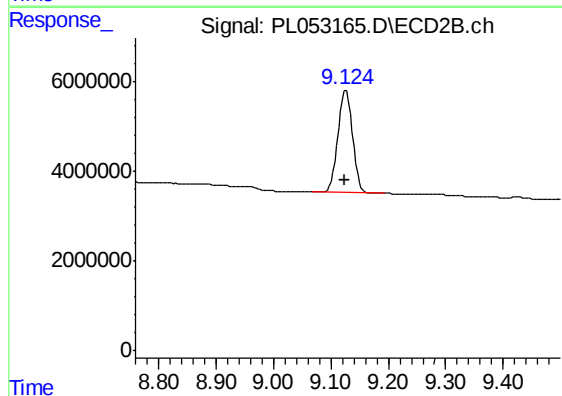
R.T.: 8.238 min  
Delta R.T.: 0.001 min  
Response: 109145751  
Conc: 48.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.336 min  
Delta R.T.: -0.009 min  
Response: 131595814  
Conc: 13.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
JC-02-100419MSD



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.001 min  
Response: 40532763  
Conc: 13.82 ng/ml