

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042719\  
 Data File : PL047949.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Apr 2019 17:05  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 29 01:12:50 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 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... | 3.330 | 3.943 | 459.0E6 | 124.5E6  | 49.630   | 52.148    |
| 28)                         | SA Decachlor... | 8.003 | 8.985 | 470.4E6 | 128.0E6  | 42.019   | 44.855    |
| Target Compounds            |                 |       |       |         |          |          |           |
| 2)                          | A alpha-BHC     | 3.758 | 4.331 | 737.1E6 | 179.0E6  | 50.421   | 53.944    |
| 3)                          | MA gamma-BHC... | 4.035 | 4.615 | 677.5E6 | 166.2E6  | 51.117   | 52.986    |
| 4)                          | MA Heptachlor   | 4.320 | 5.119 | 684.6E6 | 167.6E6  | 48.048   | 49.857    |
| 5)                          | MB Aldrin       | 4.560 | 5.422 | 681.4E6 | 160.9E6  | 48.934   | 51.570    |
| 6)                          | B beta-BHC      | 4.288 | 4.789 | 275.8E6 | 75507281 | 48.811   | 52.405    |
| 7)                          | B delta-BHC     | 4.483 | 5.004 | 653.0E6 | 140.0E6  | 50.266   | 55.732    |
| 8)                          | B Heptachlor... | 4.996 | 5.808 | 604.7E6 | 147.6E6  | 47.184   | 52.819    |
| 9)                          | A Endosulfan I  | 5.328 | 6.164 | 572.8E6 | 138.7E6  | 47.363   | 49.385    |
| 10)                         | B gamma-Chl...  | 5.219 | 6.043 | 632.7E6 | 151.9E6  | 47.521   | 50.197    |
| 11)                         | B alpha-Chl...  | 5.275 | 6.115 | 614.7E6 | 149.5E6  | 47.107   | 49.400    |
| 12)                         | B 4,4'-DDE      | 5.443 | 6.275 | 607.7E6 | 137.8E6  | 48.854   | 49.885    |
| 13)                         | MA Dieldrin     | 5.567 | 6.421 | 617.4E6 | 144.0E6  | 47.559   | 49.262    |
| 14)                         | MA Endrin       | 5.820 | 6.638 | 526.2E6 | 118.4E6  | 44.278   | 46.338    |
| 15)                         | B Endosulfa...  | 6.095 | 6.849 | 518.6E6 | 125.3E6  | 46.316   | 47.774    |
| 16)                         | A 4,4'-DDD      | 5.955 | 6.765 | 492.1E6 | 116.9E6  | 50.046   | 52.072    |
| 17)                         | MA 4,4'-DDT     | 6.189 | 7.062 | 425.0E6 | 102.6E6  | 42.630   | 43.076    |
| 18)                         | B Endrin al...  | 6.261 | 6.973 | 430.8E6 | 109.7E6  | 45.664   | 47.463    |
| 19)                         | B Endosulfa...  | 6.473 | 7.197 | 510.2E6 | 127.9E6  | 45.777   | 46.690    |
| 20)                         | A Methoxychlor  | 6.735 | 7.523 | 221.9E6 | 59268749 | 41.717   | 42.270    |
| 21)                         | B Endrin ke...  | 6.955 | 7.665 | 559.0E6 | 134.8E6  | 47.135   | 47.942    |
| 22)                         | Mirex           | 7.130 | 8.116 | 404.6E6 | 103.3E6  | 43.108   | 44.410    |
| 23)                         | Chlordane-1     | 0.000 | 5.004 | 0       | 140.0E6  | N.D.     | 546.494 # |
| 24)                         | Chlordane-2     | 0.000 | 5.422 | 0       | 160.9E6  | N.D.     | 517.219 # |
| 25)                         | Chlordane-3     | 5.275 | 6.115 | 614.7E6 | 149.5E6  | 466.246  | 504.533   |
| 26)                         | Chlordane-4     | 5.328 | 6.164 | 572.8E6 | 138.7E6  | 466.140  | 503.539   |
| 27)                         | Chlordane-5     | 6.095 | 6.973 | 518.6E6 | 109.7E6  | 1223.128 | 486.589 # |
| -----                       |                 |       |       |         |          |          |           |

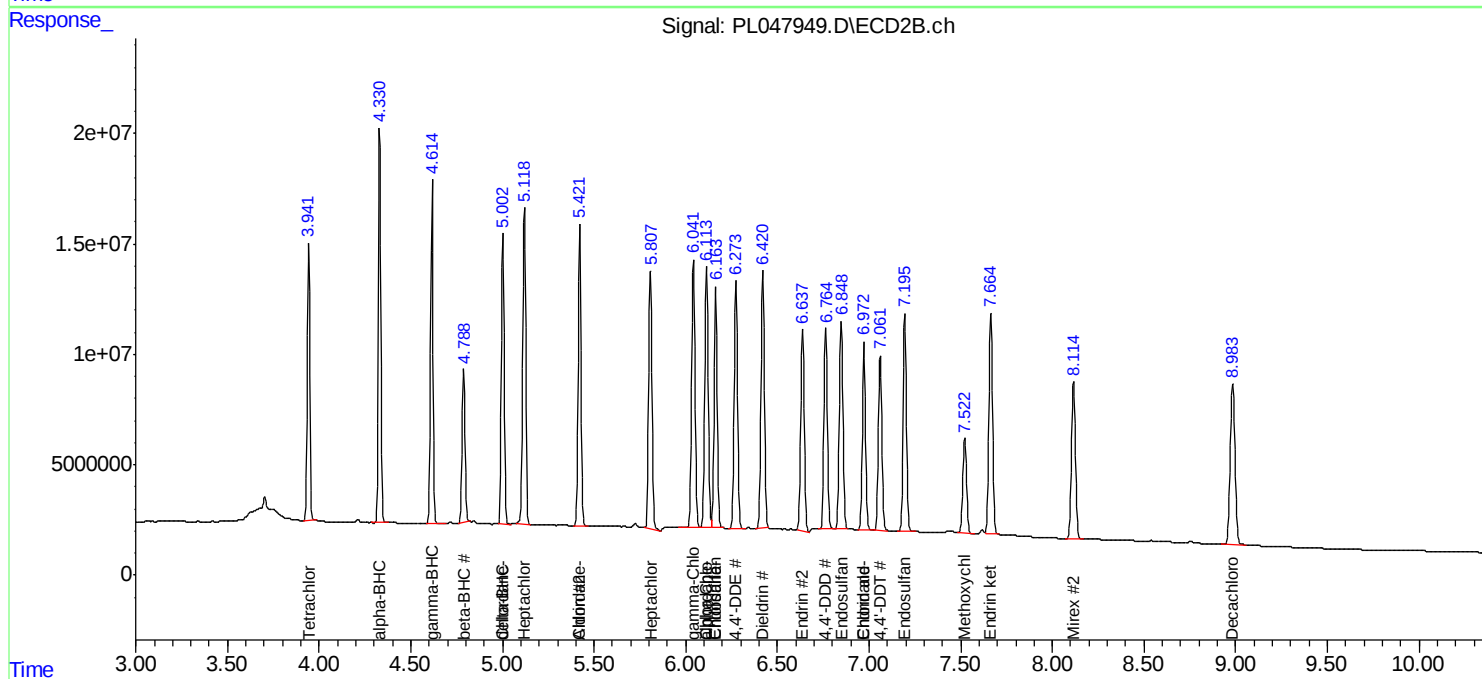
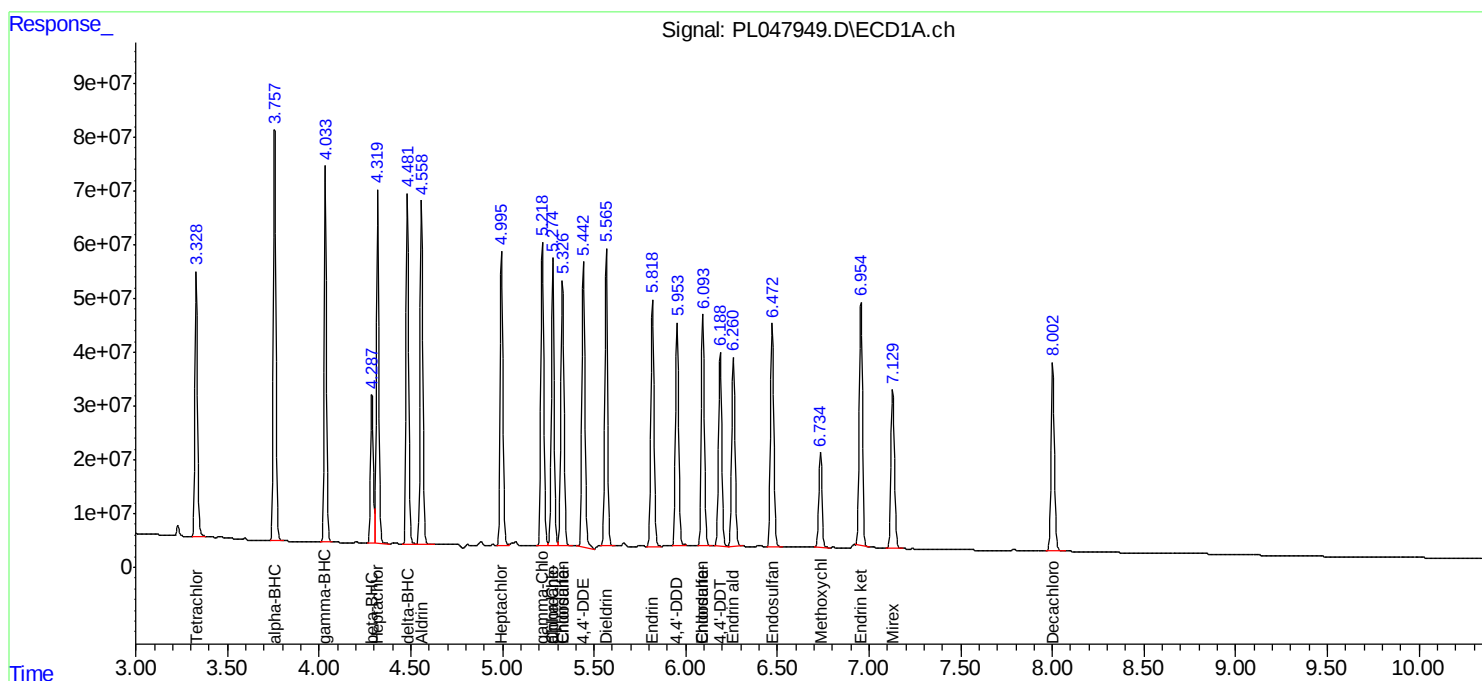
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

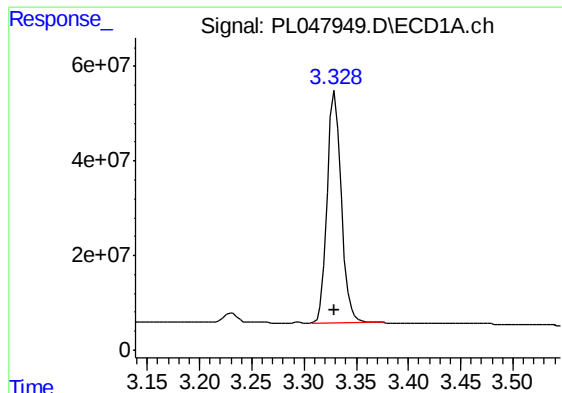
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042719\  
Data File : PL047949.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Apr 2019 17:05  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 29 01:12:50 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 25 01:53:03 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

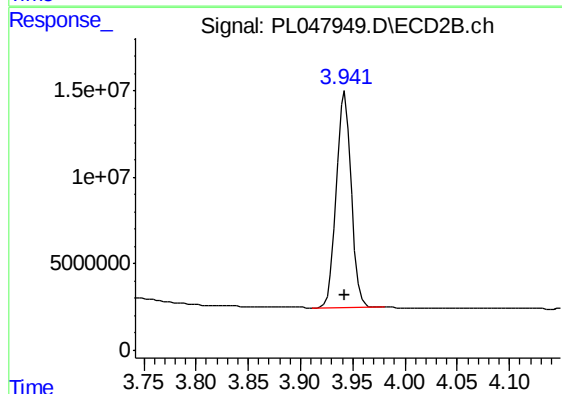




#1 Tetrachloro-m-xylene

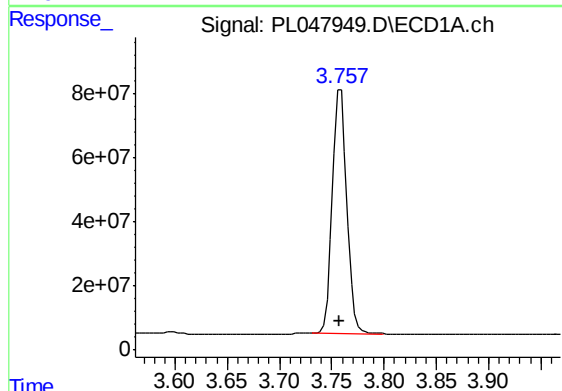
R.T.: 3.330 min  
Delta R.T.: 0.000 min  
Response: 458988338  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



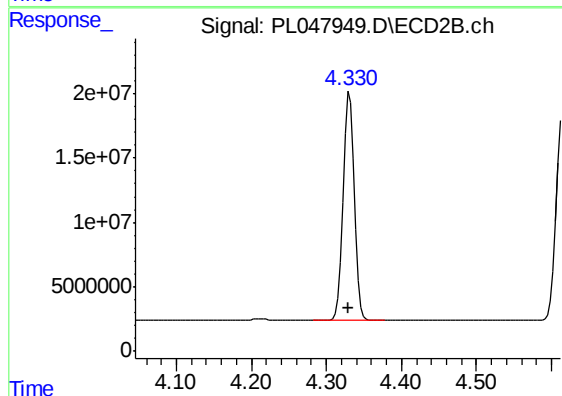
#1 Tetrachloro-m-xylene

R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 124491092  
Conc: 52.15 ng/ml



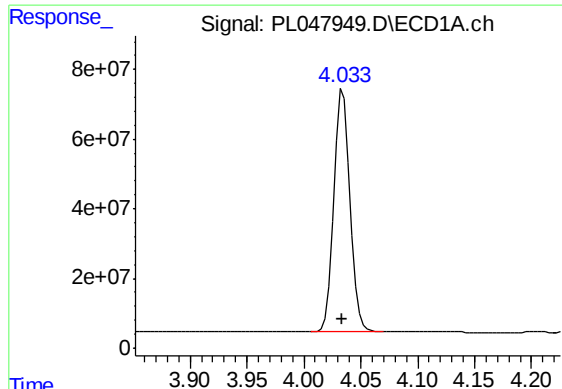
#2 alpha-BHC

R.T.: 3.758 min  
Delta R.T.: 0.001 min  
Response: 737078317  
Conc: 50.42 ng/ml



#2 alpha-BHC

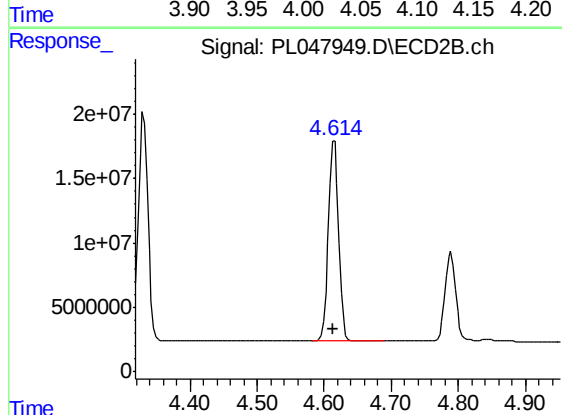
R.T.: 4.331 min  
Delta R.T.: 0.001 min  
Response: 179024013  
Conc: 53.94 ng/ml



#3 gamma-BHC (Lindane)

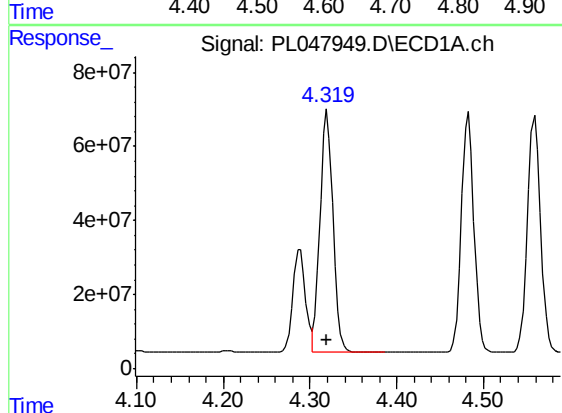
R.T.: 4.035 min  
Delta R.T.: 0.001 min  
Response: 677538459  
Conc: 51.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



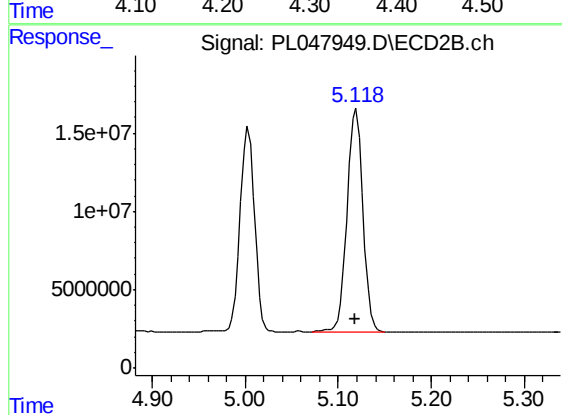
#3 gamma-BHC (Lindane)

R.T.: 4.615 min  
Delta R.T.: 0.001 min  
Response: 166190406  
Conc: 52.99 ng/ml



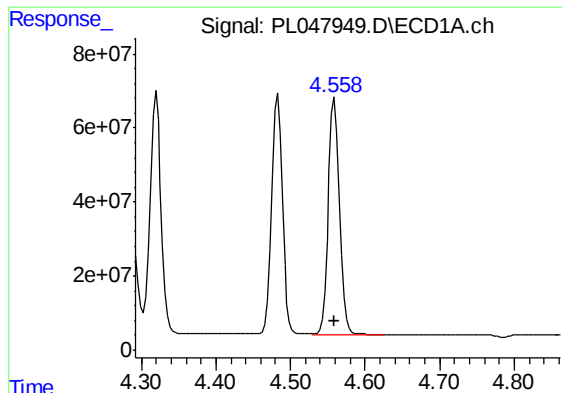
#4 Heptachlor

R.T.: 4.320 min  
Delta R.T.: 0.000 min  
Response: 684588678  
Conc: 48.05 ng/ml



#4 Heptachlor

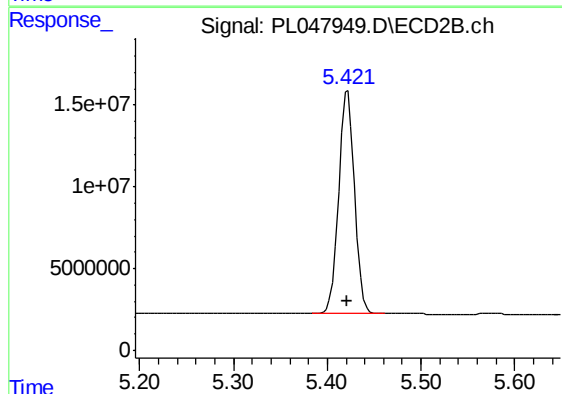
R.T.: 5.119 min  
Delta R.T.: 0.000 min  
Response: 167559507  
Conc: 49.86 ng/ml



#5 Aldrin

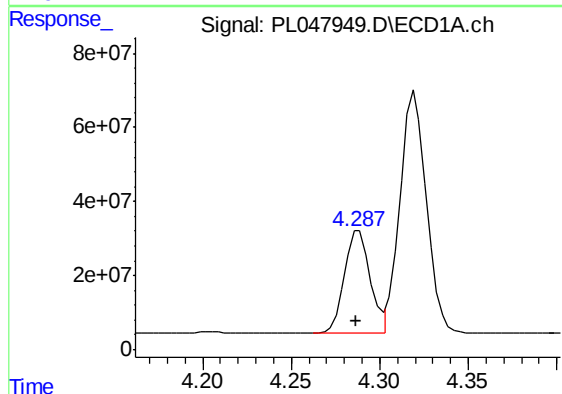
R.T.: 4.560 min  
Delta R.T.: 0.001 min  
Response: 681440819  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



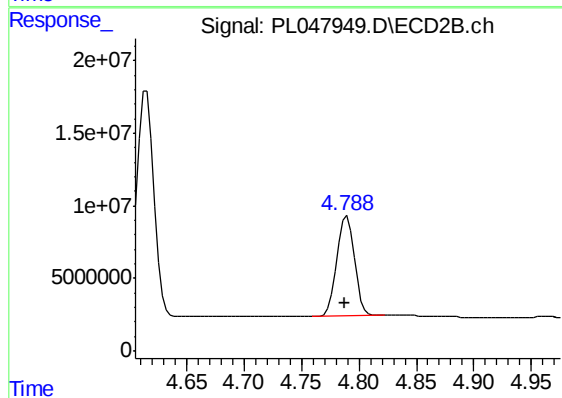
#5 Aldrin

R.T.: 5.422 min  
Delta R.T.: 0.000 min  
Response: 160947859  
Conc: 51.57 ng/ml



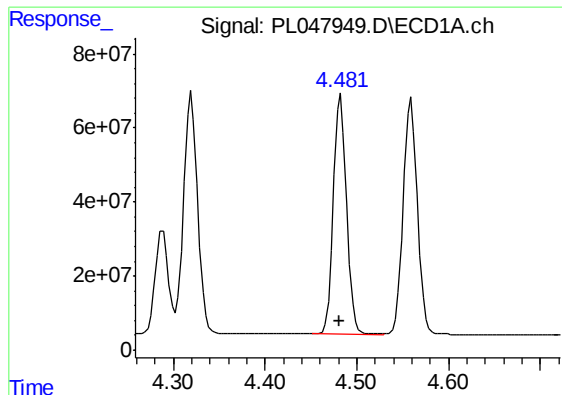
#6 beta-BHC

R.T.: 4.288 min  
Delta R.T.: 0.002 min  
Response: 275785383  
Conc: 48.81 ng/ml



#6 beta-BHC

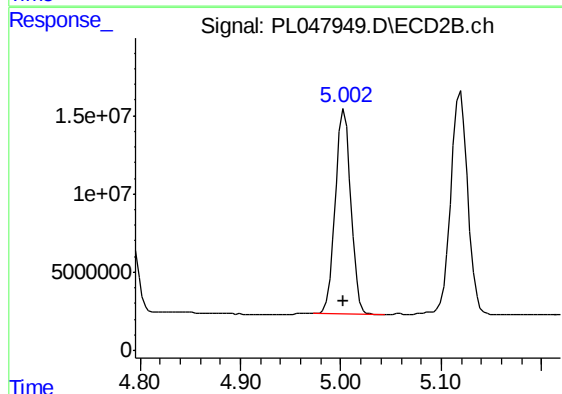
R.T.: 4.789 min  
Delta R.T.: 0.001 min  
Response: 75507281  
Conc: 52.41 ng/ml



#7 delta-BHC

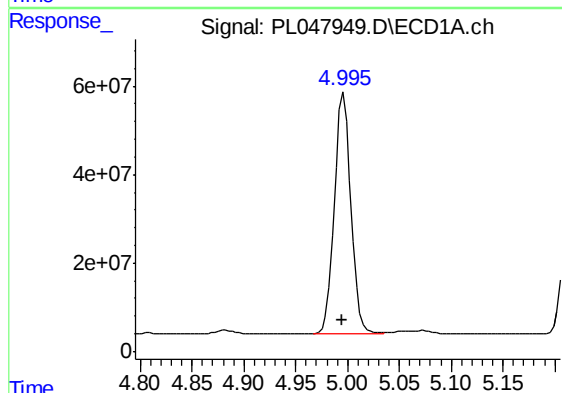
R.T.: 4.483 min  
Delta R.T.: 0.001 min  
Response: 652993045  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



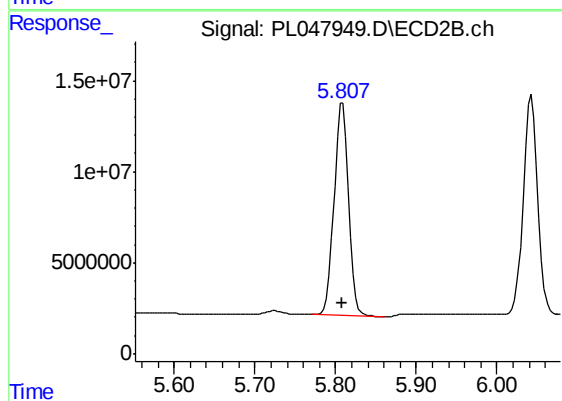
#7 delta-BHC

R.T.: 5.004 min  
Delta R.T.: 0.001 min  
Response: 140013905  
Conc: 55.73 ng/ml



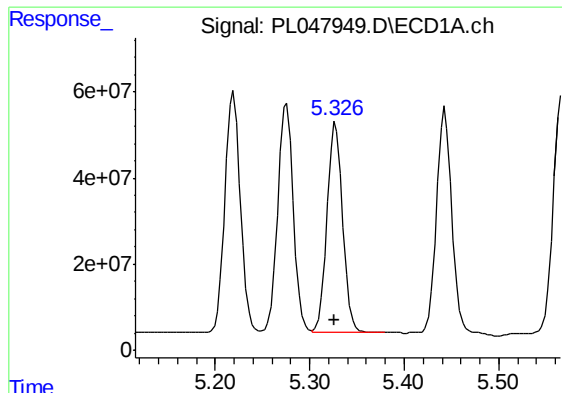
#8 Heptachlor epoxide

R.T.: 4.996 min  
Delta R.T.: 0.001 min  
Response: 604668595  
Conc: 47.18 ng/ml



#8 Heptachlor epoxide

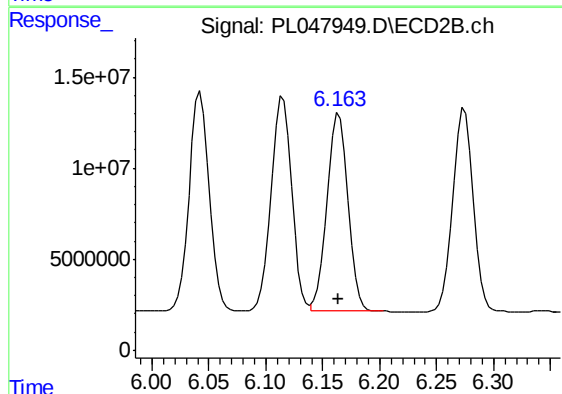
R.T.: 5.808 min  
Delta R.T.: 0.000 min  
Response: 147616525  
Conc: 52.82 ng/ml



#9 Endosulfan I

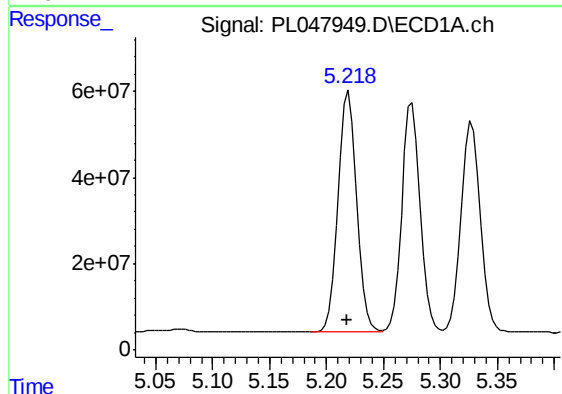
R.T.: 5.328 min  
Delta R.T.: 0.001 min  
Response: 572765403  
Conc: 47.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



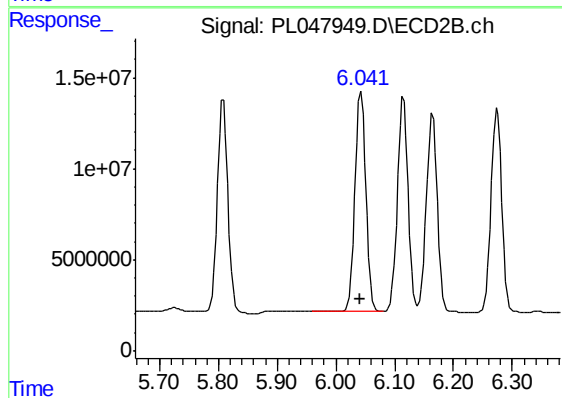
#9 Endosulfan I

R.T.: 6.164 min  
Delta R.T.: 0.001 min  
Response: 138673224  
Conc: 49.38 ng/ml



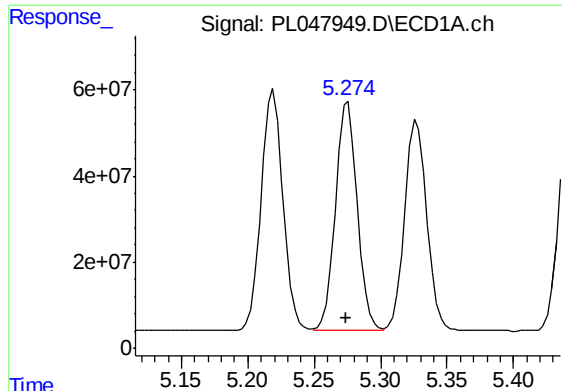
#10 gamma-Chlordane

R.T.: 5.219 min  
Delta R.T.: 0.002 min  
Response: 632676697  
Conc: 47.52 ng/ml



#10 gamma-Chlordane

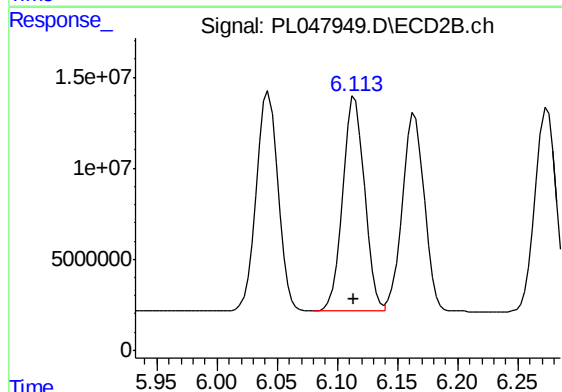
R.T.: 6.043 min  
Delta R.T.: 0.001 min  
Response: 151911783  
Conc: 50.20 ng/ml



#11 alpha-Chlordane

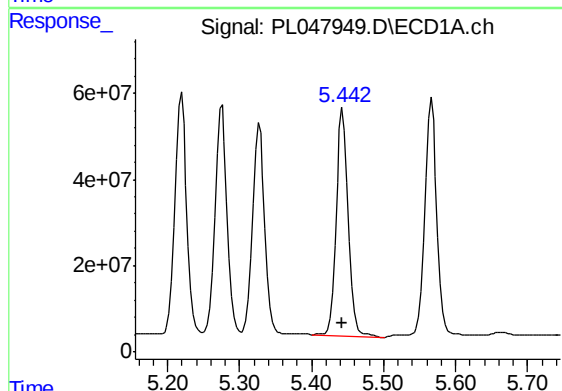
R.T.: 5.275 min  
Delta R.T.: 0.001 min  
Response: 614686262  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



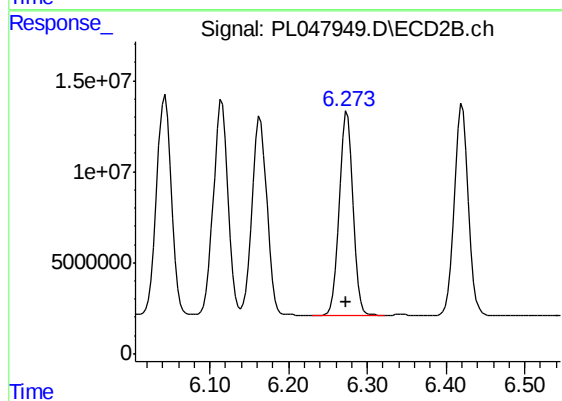
#11 alpha-Chlordane

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 149456031  
Conc: 49.40 ng/ml



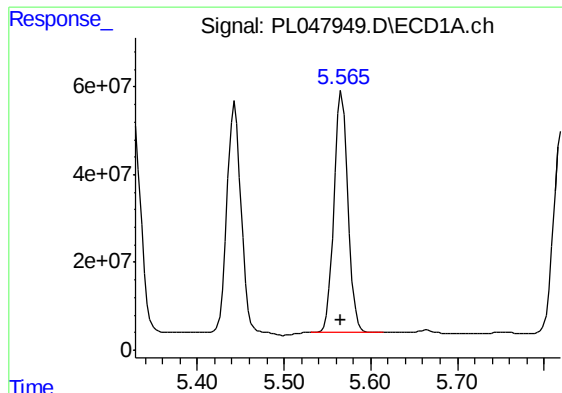
#12 4,4'-DDE

R.T.: 5.443 min  
Delta R.T.: 0.001 min  
Response: 607685214  
Conc: 48.85 ng/ml



#12 4,4'-DDE

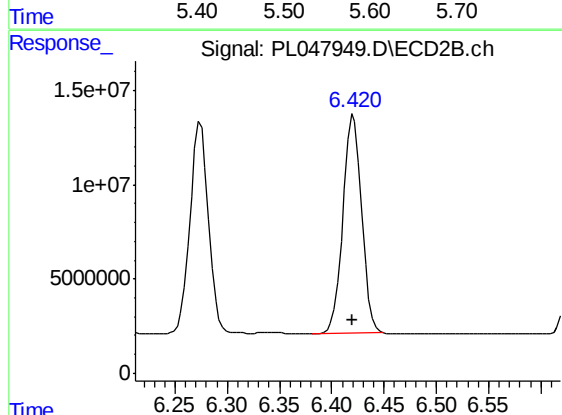
R.T.: 6.275 min  
Delta R.T.: 0.001 min  
Response: 137751333  
Conc: 49.89 ng/ml



#13 Dielddrin

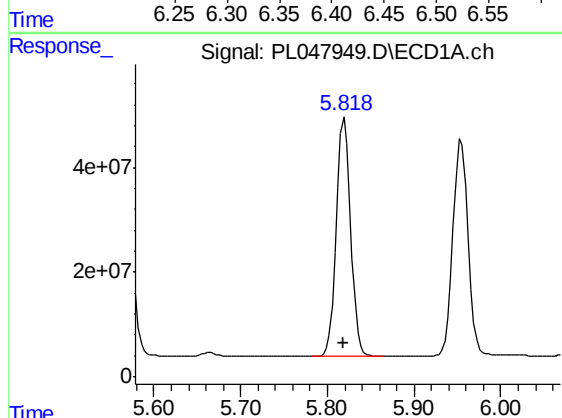
R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 617400929  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



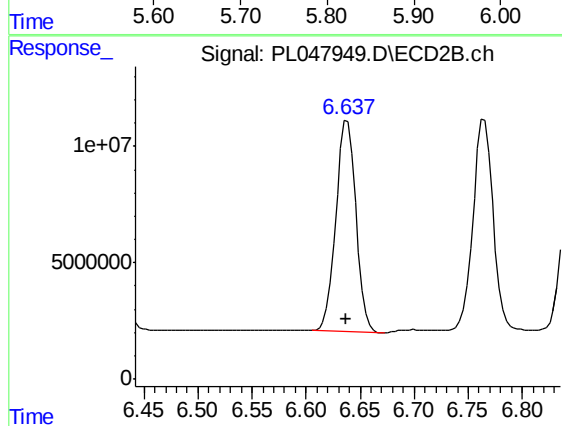
#13 Dielddrin

R.T.: 6.421 min  
Delta R.T.: 0.001 min  
Response: 144013718  
Conc: 49.26 ng/ml



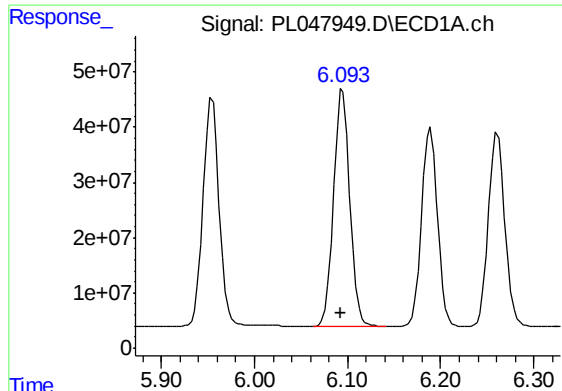
#14 Endrin

R.T.: 5.820 min  
Delta R.T.: 0.002 min  
Response: 526187555  
Conc: 44.28 ng/ml



#14 Endrin

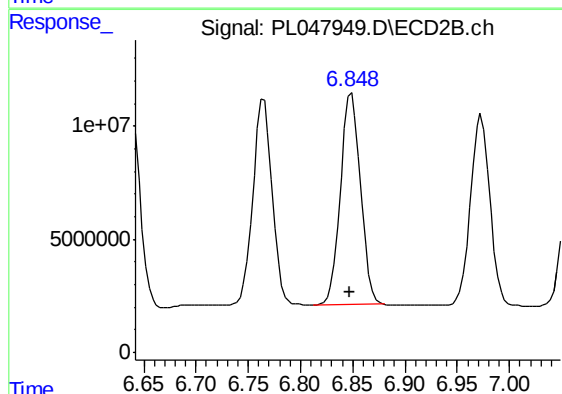
R.T.: 6.638 min  
Delta R.T.: 0.001 min  
Response: 118365419  
Conc: 46.34 ng/ml



#15 Endosulfan II

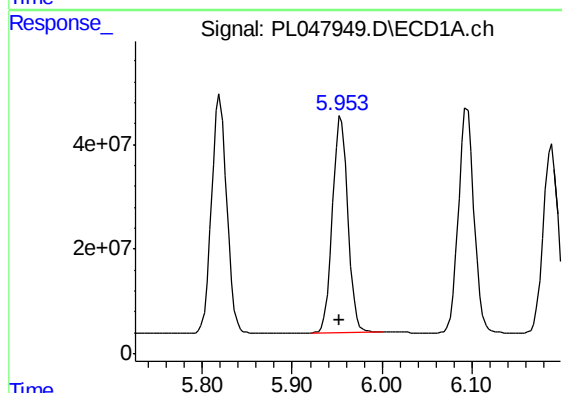
R.T.: 6.095 min  
Delta R.T.: 0.001 min  
Response: 518574774  
Conc: 46.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



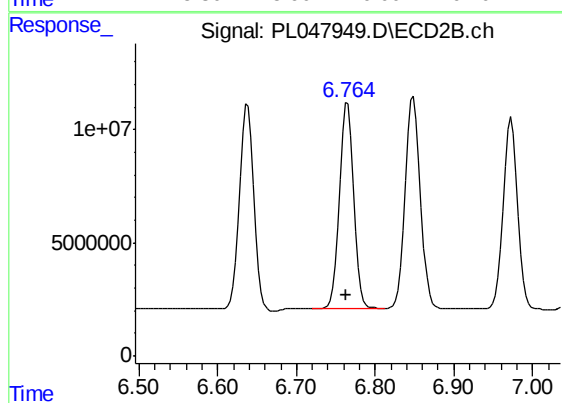
#15 Endosulfan II

R.T.: 6.849 min  
Delta R.T.: 0.001 min  
Response: 125339406  
Conc: 47.77 ng/ml



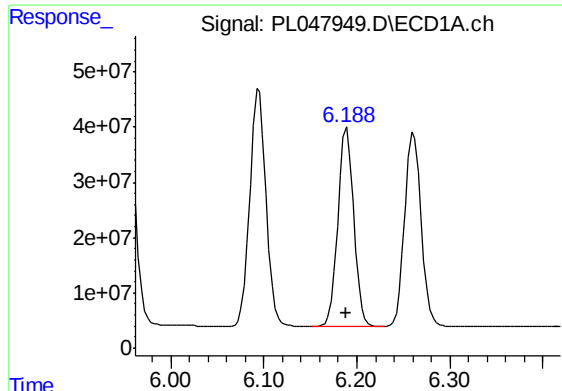
#16 4,4'-DDD

R.T.: 5.955 min  
Delta R.T.: 0.001 min  
Response: 492109037  
Conc: 50.05 ng/ml



#16 4,4'-DDD

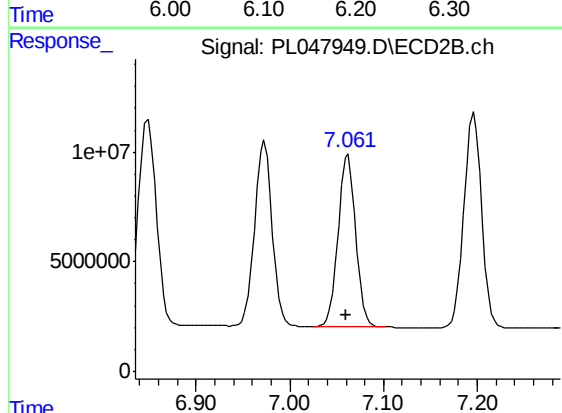
R.T.: 6.765 min  
Delta R.T.: 0.002 min  
Response: 116905968  
Conc: 52.07 ng/ml



#17 4,4'-DDT

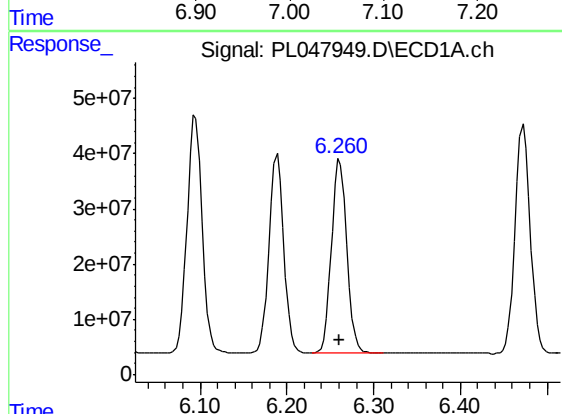
R.T.: 6.189 min  
Delta R.T.: 0.001 min  
Response: 425018964  
Conc: 42.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



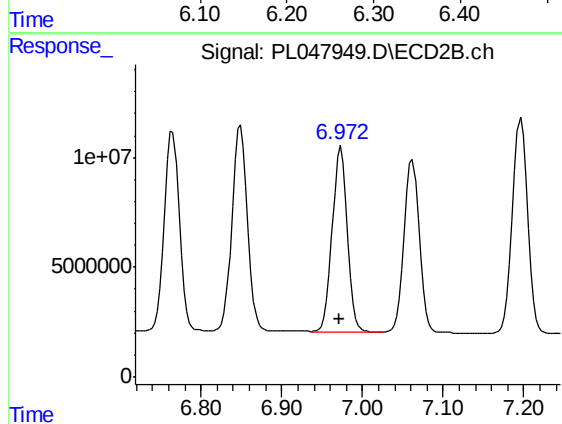
#17 4,4'-DDT

R.T.: 7.062 min  
Delta R.T.: 0.002 min  
Response: 102615932  
Conc: 43.08 ng/ml



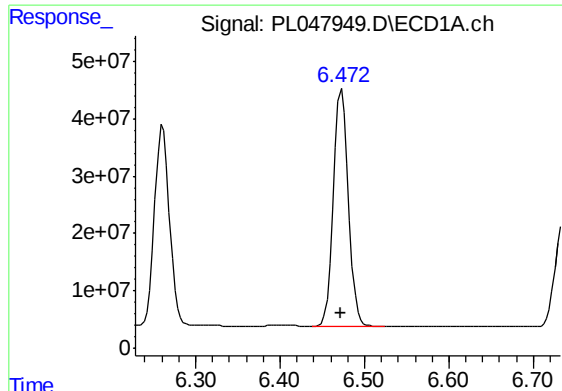
#18 Endrin aldehyde

R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 430844741  
Conc: 45.66 ng/ml



#18 Endrin aldehyde

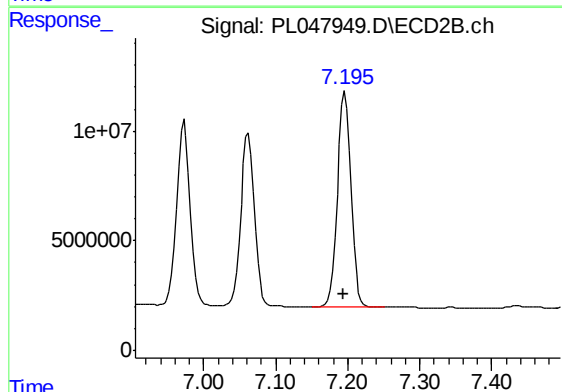
R.T.: 6.973 min  
Delta R.T.: 0.002 min  
Response: 109655702  
Conc: 47.46 ng/ml



#19 Endosulfan Sulfate

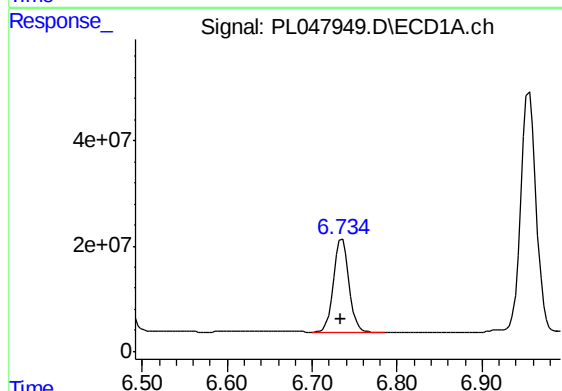
R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 510249373  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



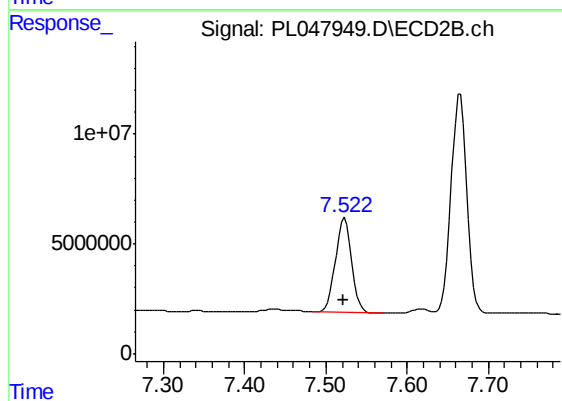
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: 0.002 min  
Response: 127859776  
Conc: 46.69 ng/ml



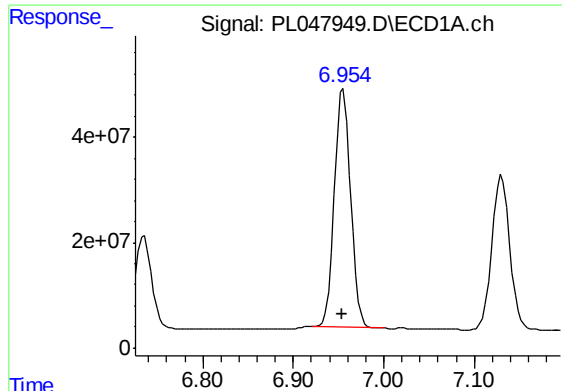
#20 Methoxychlor

R.T.: 6.735 min  
Delta R.T.: 0.002 min  
Response: 221878908  
Conc: 41.72 ng/ml



#20 Methoxychlor

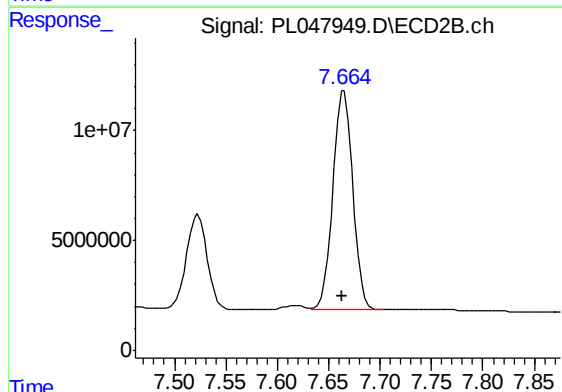
R.T.: 7.523 min  
Delta R.T.: 0.002 min  
Response: 59268749  
Conc: 42.27 ng/ml



#21 Endrin ketone

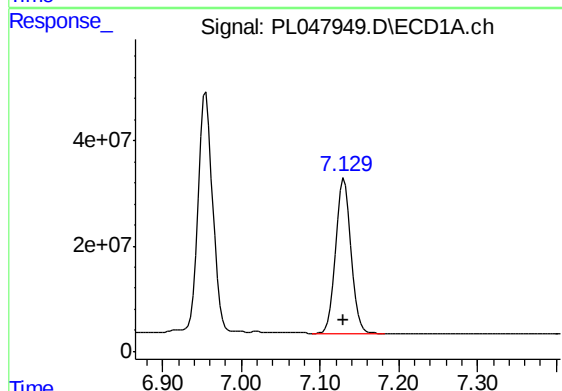
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: 558951730  
Conc: 47.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



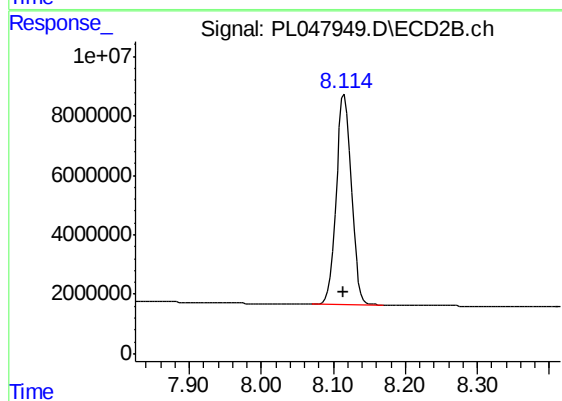
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: 0.002 min  
Response: 134799088  
Conc: 47.94 ng/ml



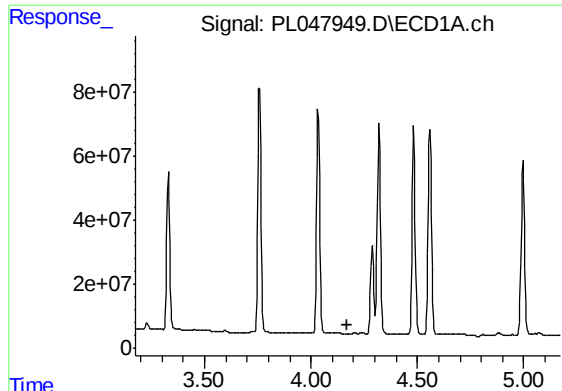
#22 Mirex

R.T.: 7.130 min  
Delta R.T.: 0.001 min  
Response: 404635102  
Conc: 43.11 ng/ml



#22 Mirex

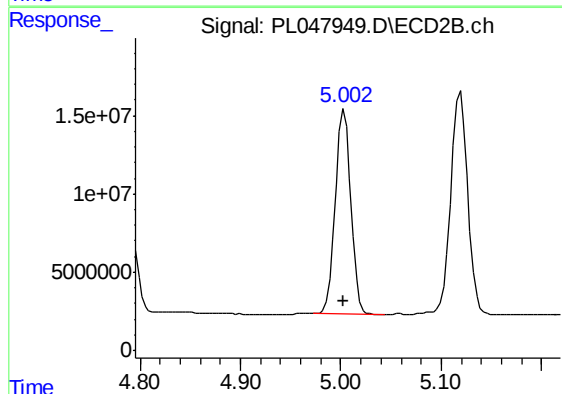
R.T.: 8.116 min  
Delta R.T.: 0.002 min  
Response: 103334860  
Conc: 44.41 ng/ml



#23 Chlordane-1

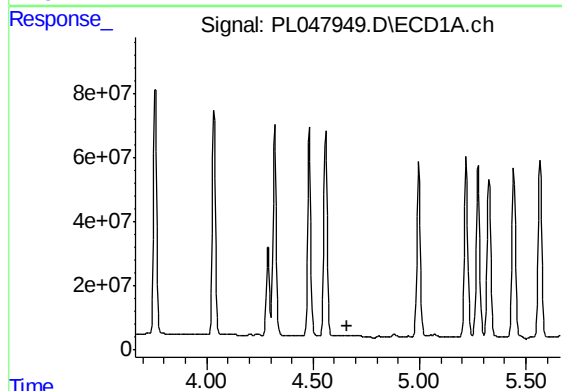
R.T.: 0.000 min  
Exp R.T. : 4.172 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



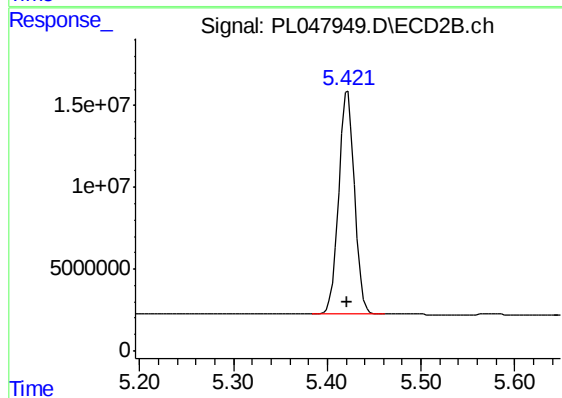
#23 Chlordane-1

R.T.: 5.004 min  
Delta R.T.: 0.000 min  
Response: 140013905  
Conc: 546.49 ng/ml



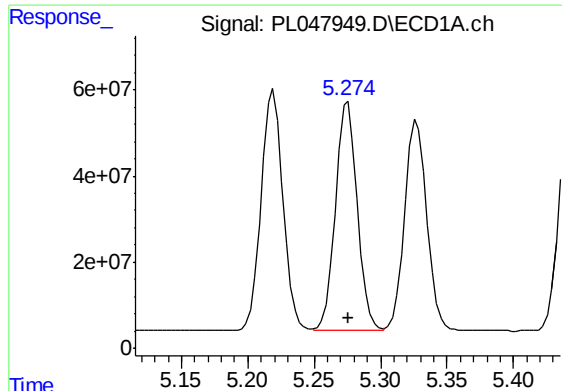
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.663 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

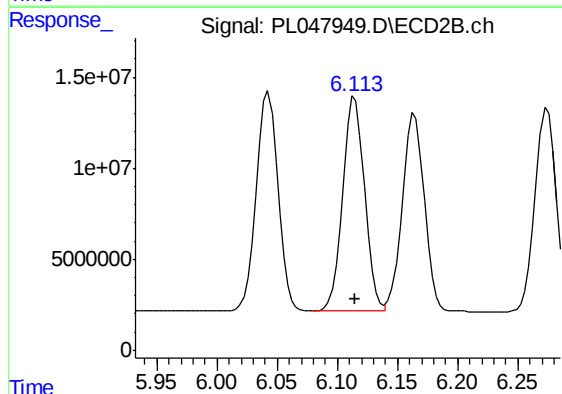
R.T.: 5.422 min  
Delta R.T.: 0.000 min  
Response: 160947859  
Conc: 517.22 ng/ml



#25 Chlordane-3

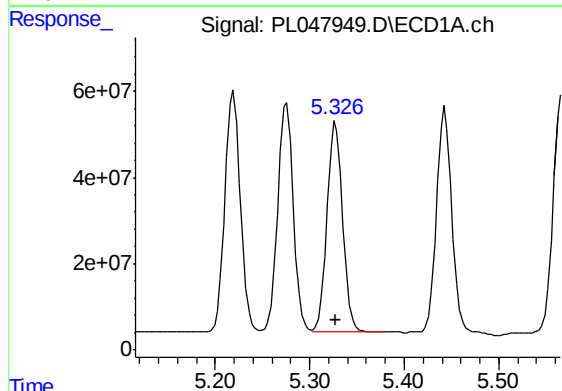
R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 614686262  
Conc: 466.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



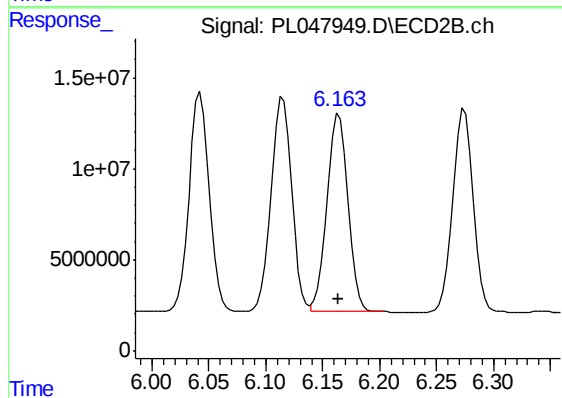
#25 Chlordane-3

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 149456031  
Conc: 504.53 ng/ml



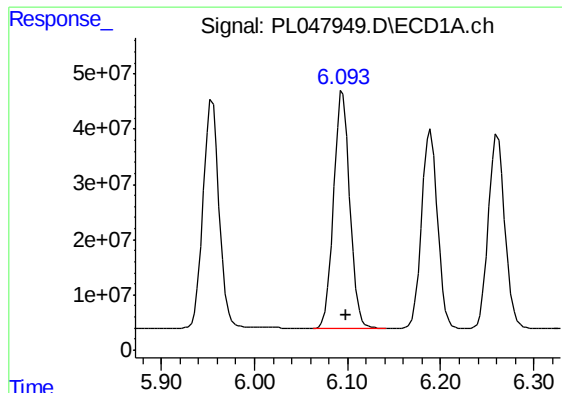
#26 Chlordane-4

R.T.: 5.328 min  
Delta R.T.: 0.000 min  
Response: 572765403  
Conc: 466.14 ng/ml



#26 Chlordane-4

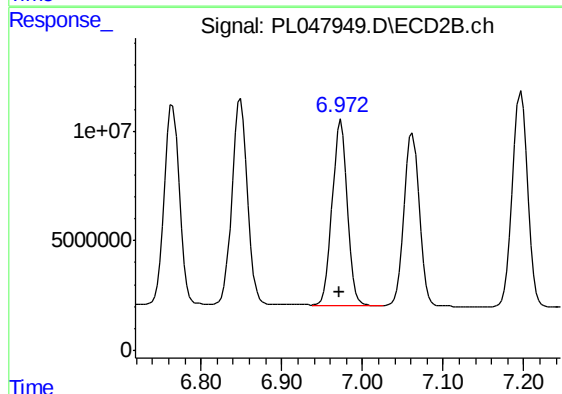
R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 138673224  
Conc: 503.54 ng/ml



#27 Chlordane-5

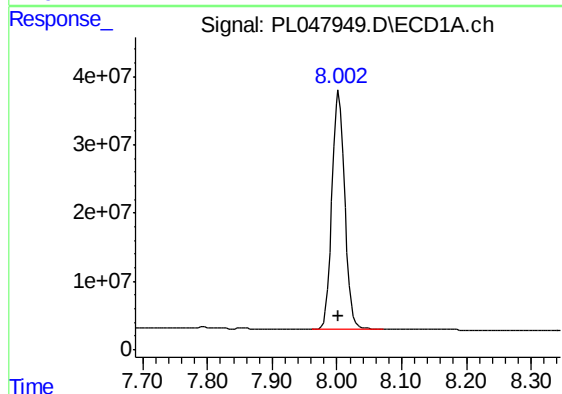
R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 518574774  
Conc: 1223.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



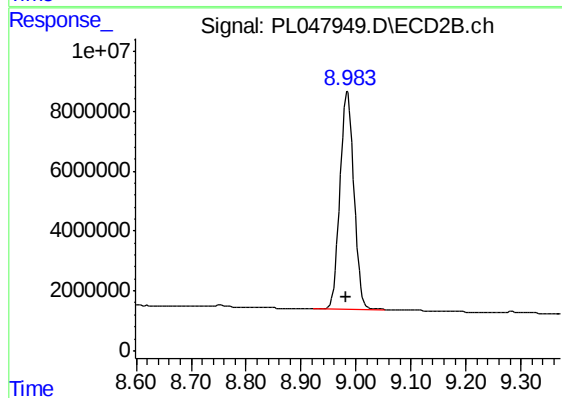
#27 Chlordane-5

R.T.: 6.973 min  
Delta R.T.: 0.000 min  
Response: 109655702  
Conc: 486.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.003 min  
Delta R.T.: 0.001 min  
Response: 470378023  
Conc: 42.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: 0.003 min  
Response: 128043818  
Conc: 44.86 ng/ml