

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042919\  
 Data File : PL048001.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2019 22:32  
 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 30 01:35:14 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... | 3.329 | 3.941 | 488.7E6 | 127.0E6  | 52.838   | 53.219    |
| 28)                         | SA Decachlor... | 7.998 | 8.978 | 498.8E6 | 129.6E6  | 44.556   | 45.384    |
| Target Compounds            |                 |       |       |         |          |          |           |
| 2)                          | A alpha-BHC     | 3.757 | 4.329 | 786.6E6 | 180.7E6  | 53.810   | 54.463    |
| 3)                          | MA gamma-BHC... | 4.033 | 4.613 | 723.9E6 | 167.9E6  | 54.615   | 53.518    |
| 4)                          | MA Heptachlor   | 4.317 | 5.117 | 734.5E6 | 170.2E6  | 51.548   | 50.641    |
| 5)                          | MB Aldrin       | 4.557 | 5.419 | 725.5E6 | 162.6E6  | 52.095   | 52.109    |
| 6)                          | B beta-BHC      | 4.286 | 4.787 | 293.4E6 | 76464043 | 51.922   | 53.069    |
| 7)                          | B delta-BHC     | 4.480 | 5.001 | 695.4E6 | 150.3E6  | 53.530   | 59.810    |
| 8)                          | B Heptachlor... | 4.993 | 5.806 | 649.2E6 | 149.0E6  | 50.659   | 53.323    |
| 9)                          | A Endosulfan I  | 5.324 | 6.161 | 609.9E6 | 139.7E6  | 50.432   | 49.755    |
| 10)                         | B gamma-Chl...  | 5.216 | 6.039 | 674.4E6 | 153.3E6  | 50.658   | 50.669    |
| 11)                         | B alpha-Chl...  | 5.272 | 6.111 | 655.6E6 | 151.3E6  | 50.242   | 50.006    |
| 12)                         | B 4,4'-DDE      | 5.440 | 6.271 | 616.0E6 | 139.2E6  | 49.522   | 50.423    |
| 13)                         | MA Dieldrin     | 5.564 | 6.417 | 652.9E6 | 146.5E6  | 50.292   | 50.106    |
| 14)                         | MA Endrin       | 5.816 | 6.634 | 550.2E6 | 117.1E6  | 46.299   | 45.858    |
| 15)                         | B Endosulfa...  | 6.091 | 6.845 | 542.6E6 | 126.4E6  | 48.462   | 48.196    |
| 16)                         | A 4,4'-DDD      | 5.951 | 6.761 | 518.1E6 | 117.2E6  | 52.686   | 52.225    |
| 17)                         | MA 4,4'-DDT     | 6.185 | 7.058 | 454.4E6 | 104.8E6  | 45.573   | 44.013    |
| 18)                         | B Endrin al...  | 6.258 | 6.969 | 452.0E6 | 109.9E6  | 47.909   | 47.572    |
| 19)                         | B Endosulfa...  | 6.469 | 7.192 | 539.8E6 | 129.1E6  | 48.427   | 47.132    |
| 20)                         | A Methoxychlor  | 6.731 | 7.518 | 236.0E6 | 60467158 | 44.368   | 43.124    |
| 21)                         | B Endrin ke...  | 6.951 | 7.660 | 590.5E6 | 136.4E6  | 49.797   | 48.508    |
| 22)                         | Mirex           | 7.126 | 8.111 | 428.0E6 | 105.1E6  | 45.599   | 45.183    |
| 23)                         | Chlordane-1     | 0.000 | 5.001 | 0       | 150.3E6  | N.D.     | 586.485 # |
| 24)                         | Chlordane-2     | 0.000 | 5.419 | 0       | 162.6E6  | N.D.     | 522.632 # |
| 25)                         | Chlordane-3     | 5.272 | 6.111 | 655.6E6 | 151.3E6  | 497.275  | 510.726   |
| 26)                         | Chlordane-4     | 5.324 | 6.161 | 609.9E6 | 139.7E6  | 496.349  | 507.309   |
| 27)                         | Chlordane-5     | 6.091 | 6.969 | 542.6E6 | 109.9E6  | 1279.798 | 487.702 # |
| -----                       |                 |       |       |         |          |          |           |

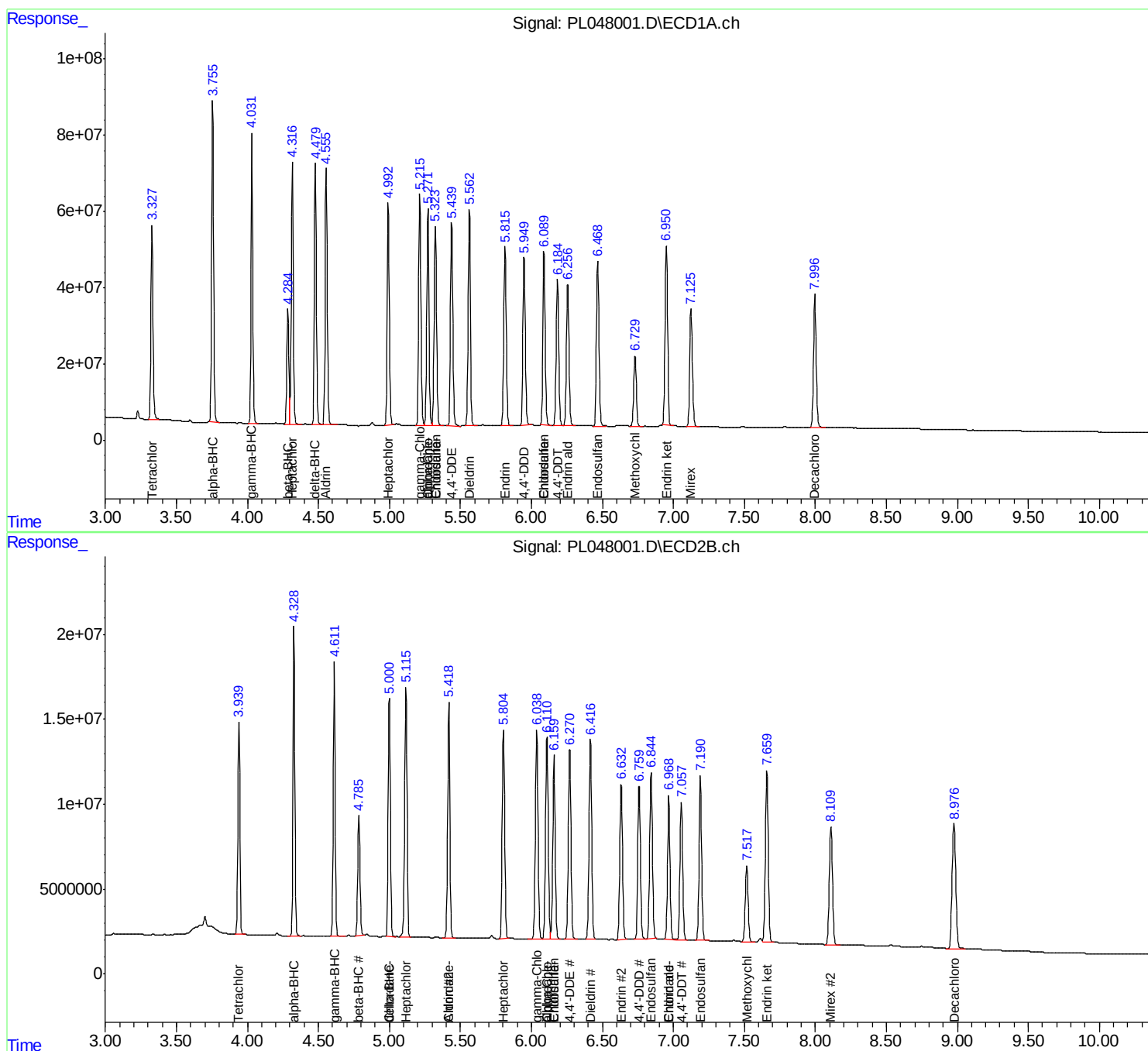
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

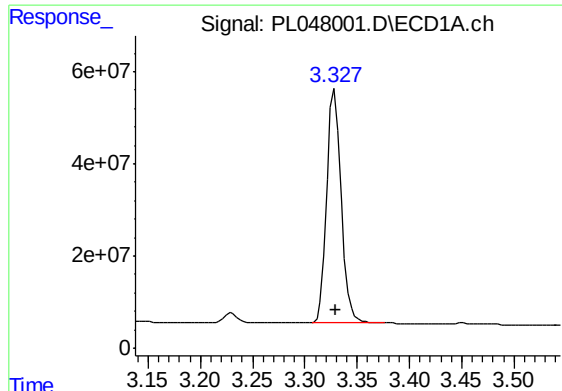
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042919\  
Data File : PL048001.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2019 22:32  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 01:35:14 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

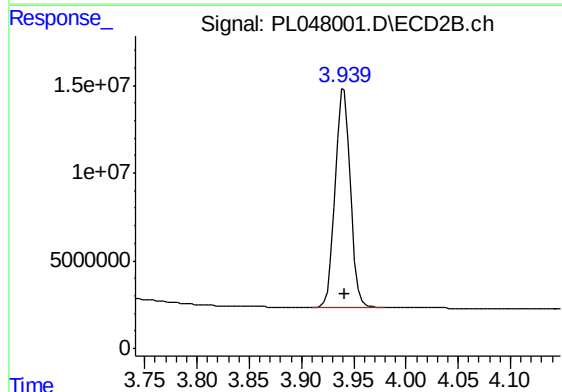




#1 Tetrachloro-m-xylene

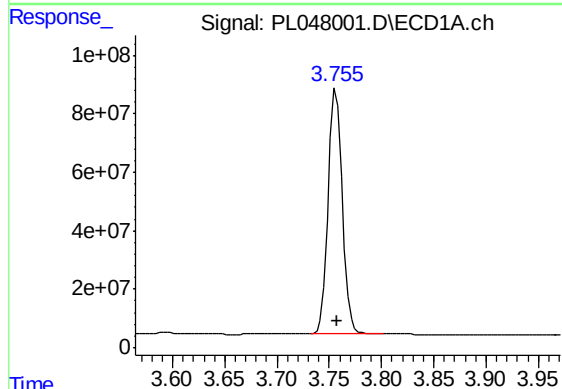
R.T.: 3.329 min  
Delta R.T.: 0.000 min  
Response: 488658160  
Conc: 52.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



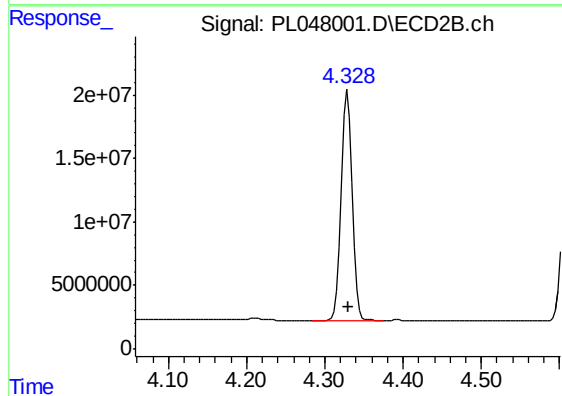
#1 Tetrachloro-m-xylene

R.T.: 3.941 min  
Delta R.T.: 0.000 min  
Response: 127048621  
Conc: 53.22 ng/ml



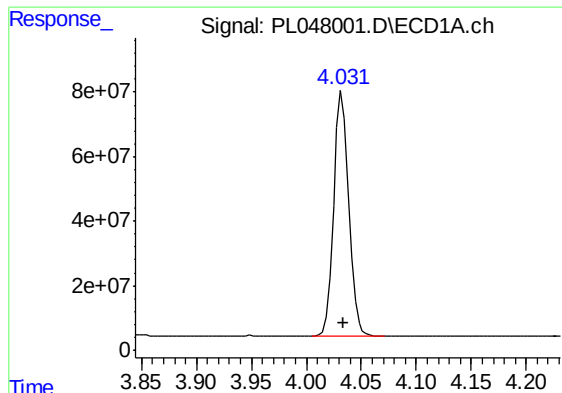
#2 alpha-BHC

R.T.: 3.757 min  
Delta R.T.: 0.000 min  
Response: 786615672  
Conc: 53.81 ng/ml



#2 alpha-BHC

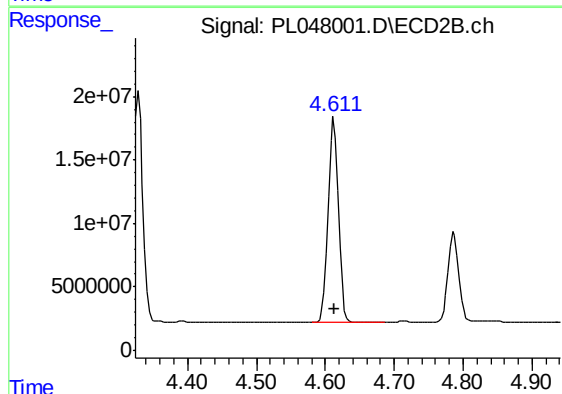
R.T.: 4.329 min  
Delta R.T.: -0.001 min  
Response: 180746781  
Conc: 54.46 ng/ml



#3 gamma-BHC (Lindane)

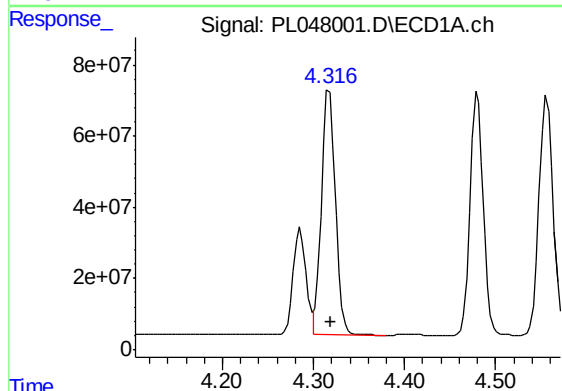
R.T.: 4.033 min  
Delta R.T.: 0.000 min  
Response: 723906766  
Conc: 54.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



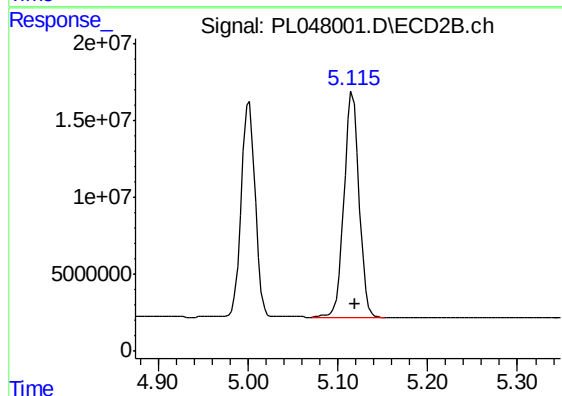
#3 gamma-BHC (Lindane)

R.T.: 4.613 min  
Delta R.T.: -0.001 min  
Response: 167857777  
Conc: 53.52 ng/ml



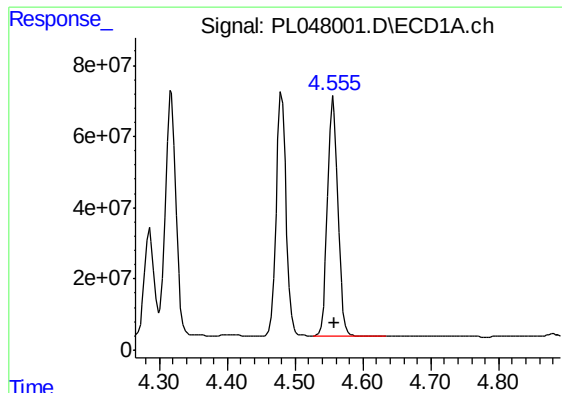
#4 Heptachlor

R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 734461083  
Conc: 51.55 ng/ml



#4 Heptachlor

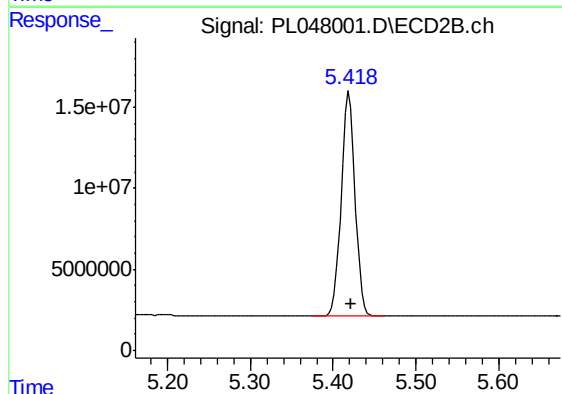
R.T.: 5.117 min  
Delta R.T.: -0.002 min  
Response: 170192691  
Conc: 50.64 ng/ml



#5 Aldrin

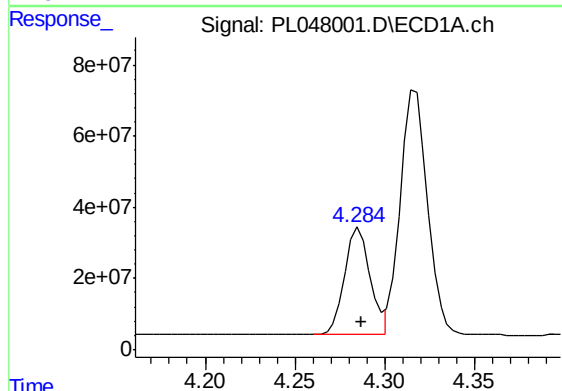
R.T.: 4.557 min  
Delta R.T.: -0.002 min  
Response: 725456772  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



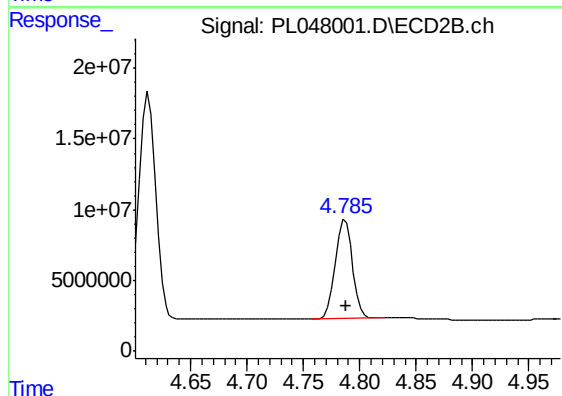
#5 Aldrin

R.T.: 5.419 min  
Delta R.T.: -0.002 min  
Response: 162632382  
Conc: 52.11 ng/ml



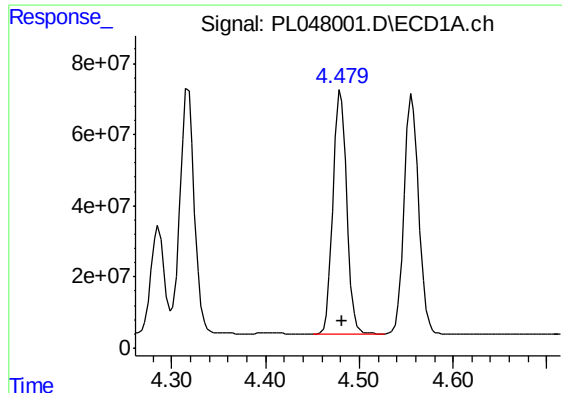
#6 beta-BHC

R.T.: 4.286 min  
Delta R.T.: -0.001 min  
Response: 293360259  
Conc: 51.92 ng/ml



#6 beta-BHC

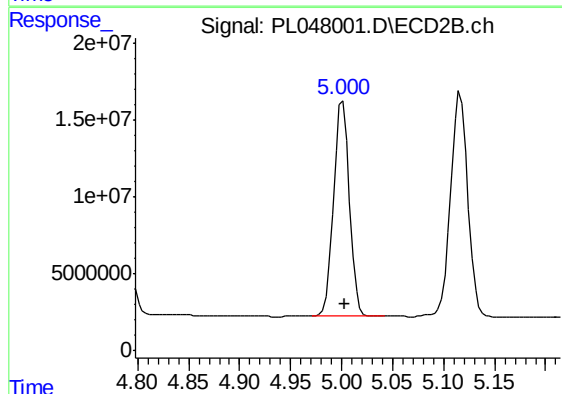
R.T.: 4.787 min  
Delta R.T.: -0.001 min  
Response: 76464043  
Conc: 53.07 ng/ml



#7 delta-BHC

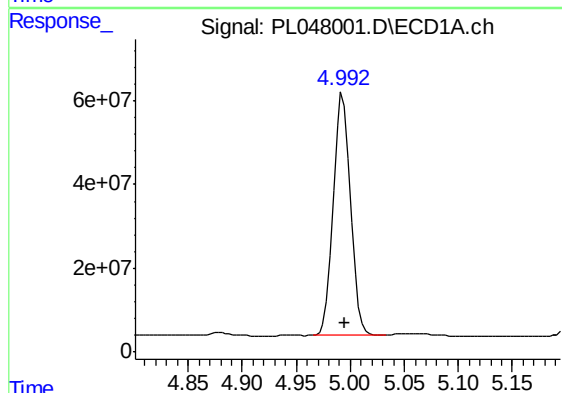
R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 695385629  
Conc: 53.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



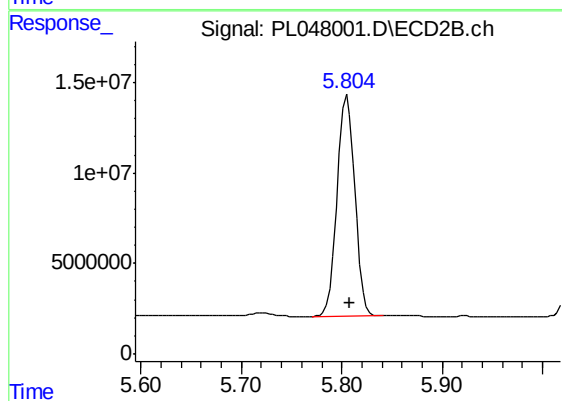
#7 delta-BHC

R.T.: 5.001 min  
Delta R.T.: -0.001 min  
Response: 150259713  
Conc: 59.81 ng/ml



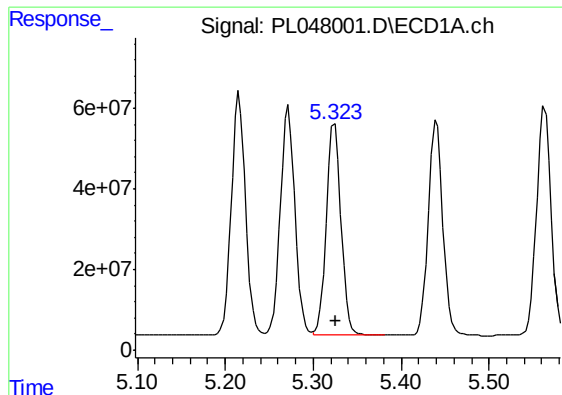
#8 Heptachlor epoxide

R.T.: 4.993 min  
Delta R.T.: -0.002 min  
Response: 649205300  
Conc: 50.66 ng/ml



#8 Heptachlor epoxide

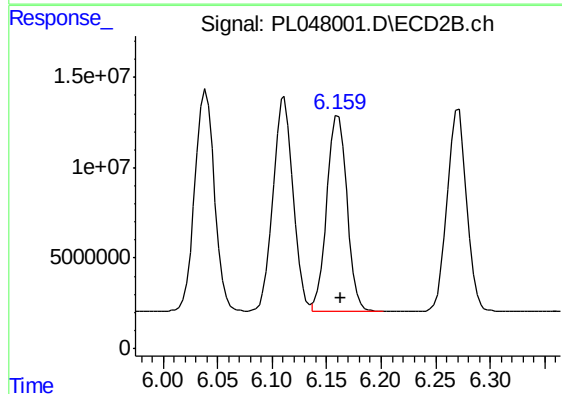
R.T.: 5.806 min  
Delta R.T.: -0.002 min  
Response: 149024285  
Conc: 53.32 ng/ml



#9 Endosulfan I

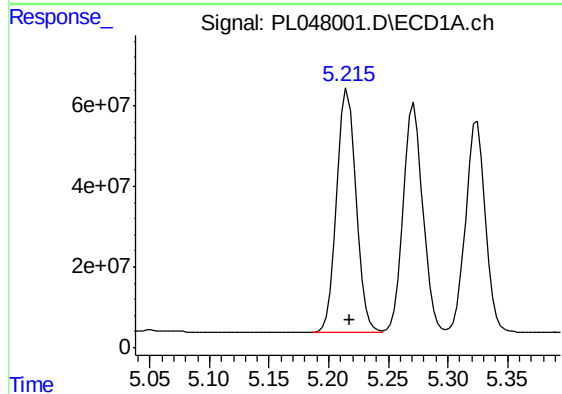
R.T.: 5.324 min  
Delta R.T.: -0.002 min  
Response: 609884089  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



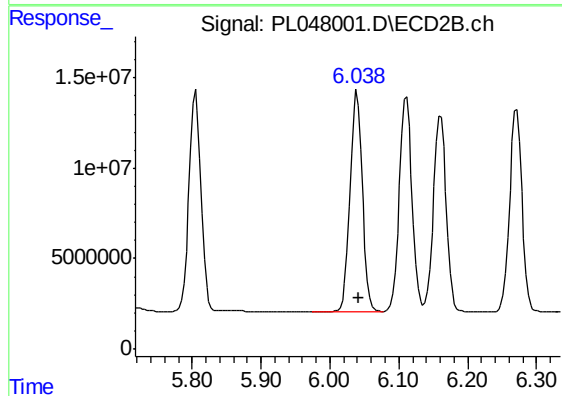
#9 Endosulfan I

R.T.: 6.161 min  
Delta R.T.: -0.002 min  
Response: 139711460  
Conc: 49.75 ng/ml



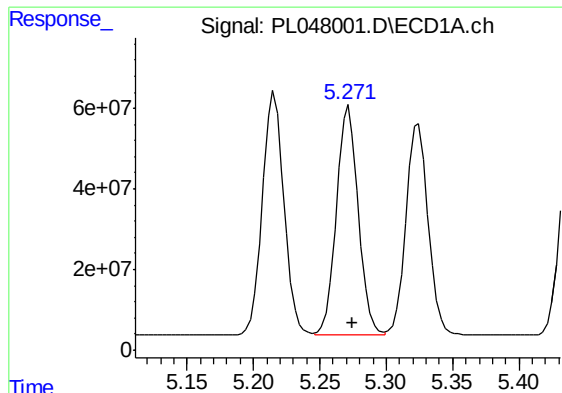
#10 gamma-Chlordane

R.T.: 5.216 min  
Delta R.T.: -0.002 min  
Response: 674431692  
Conc: 50.66 ng/ml



#10 gamma-Chlordane

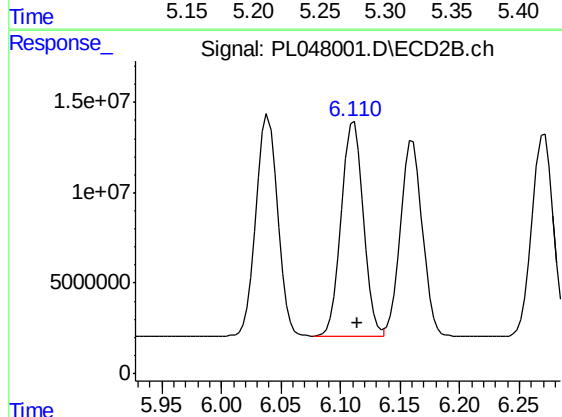
R.T.: 6.039 min  
Delta R.T.: -0.002 min  
Response: 153341766  
Conc: 50.67 ng/ml



#11 alpha-Chlordane

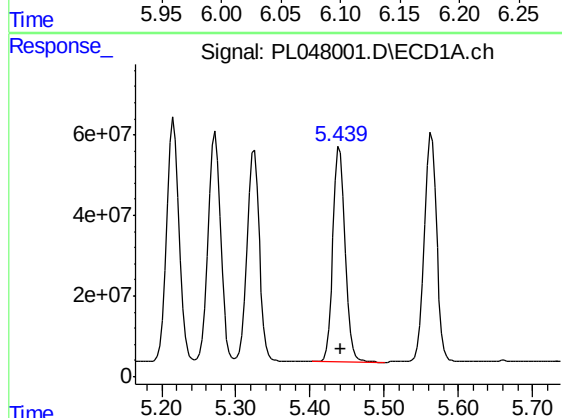
R.T.: 5.272 min  
Delta R.T.: -0.002 min  
Response: 655594681  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



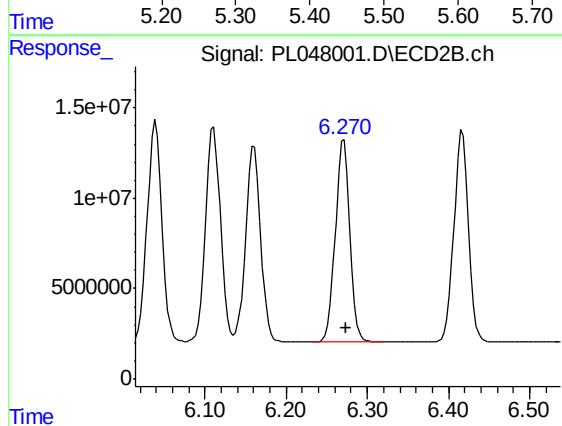
#11 alpha-Chlordane

R.T.: 6.111 min  
Delta R.T.: -0.003 min  
Response: 151290342  
Conc: 50.01 ng/ml



#12 4,4'-DDE

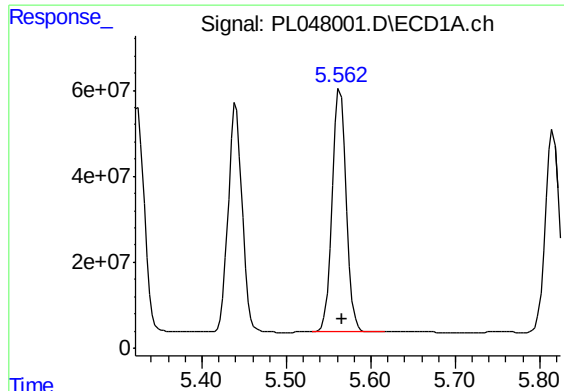
R.T.: 5.440 min  
Delta R.T.: -0.002 min  
Response: 615995350  
Conc: 49.52 ng/ml



#12 4,4'-DDE

R.T.: 6.271 min  
Delta R.T.: -0.002 min  
Response: 139237570  
Conc: 50.42 ng/ml

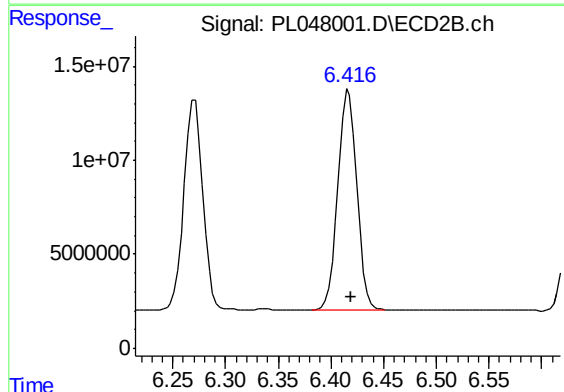




#13 Dielldrin

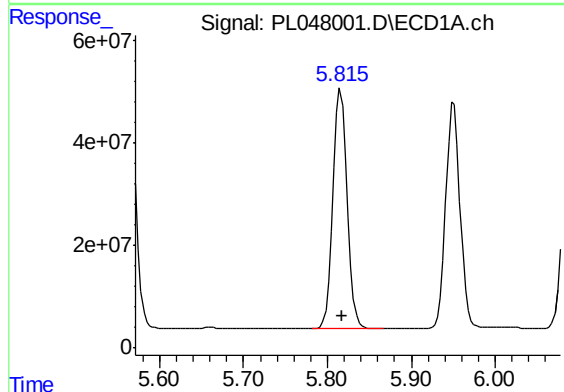
R.T.: 5.564 min  
Delta R.T.: -0.002 min  
Response: 652879897  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



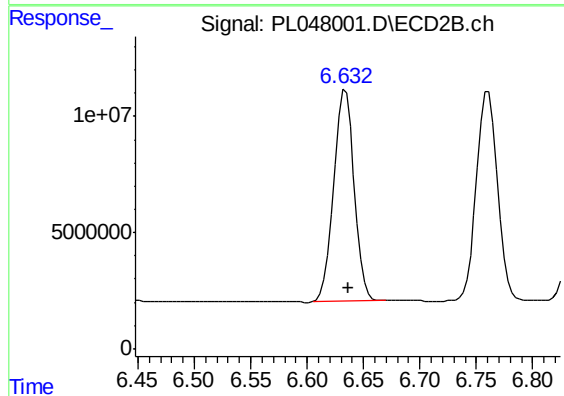
#13 Dielldrin

R.T.: 6.417 min  
Delta R.T.: -0.003 min  
Response: 146480389  
Conc: 50.11 ng/ml



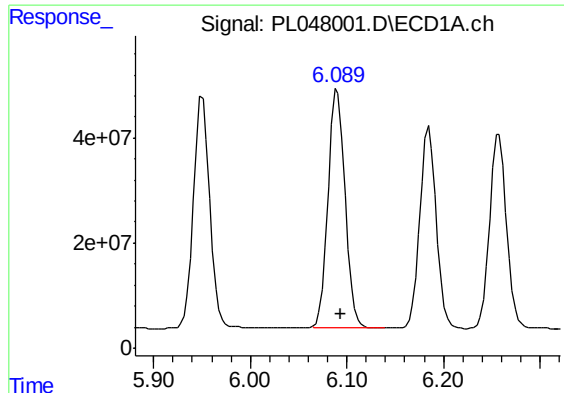
#14 Endrin

R.T.: 5.816 min  
Delta R.T.: -0.002 min  
Response: 550201898  
Conc: 46.30 ng/ml



#14 Endrin

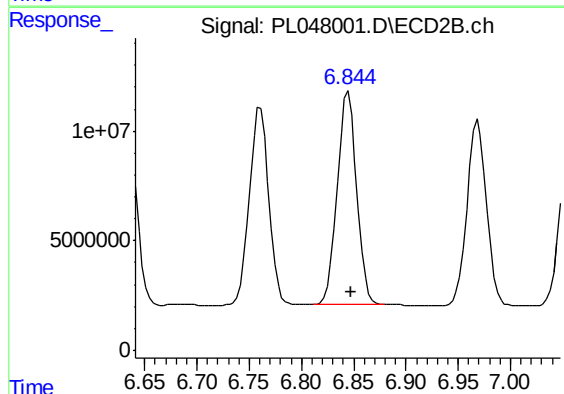
R.T.: 6.634 min  
Delta R.T.: -0.003 min  
Response: 117138552  
Conc: 45.86 ng/ml



#15 Endosulfan II

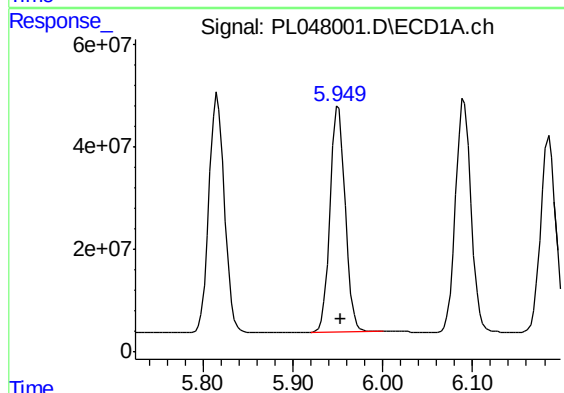
R.T.: 6.091 min  
Delta R.T.: -0.003 min  
Response: 542601723  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



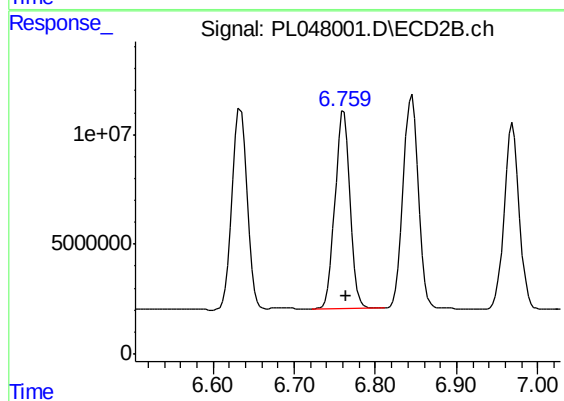
#15 Endosulfan II

R.T.: 6.845 min  
Delta R.T.: -0.003 min  
Response: 126449084  
Conc: 48.20 ng/ml



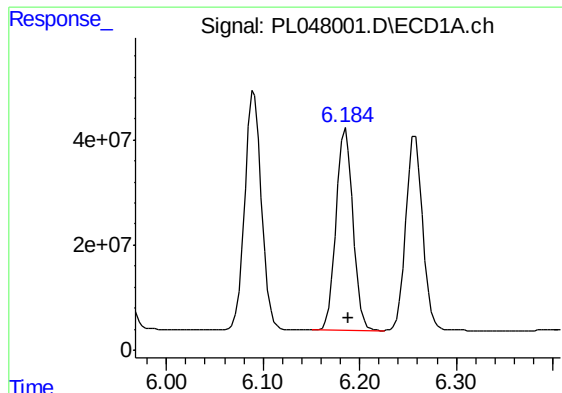
#16 4,4'-DDD

R.T.: 5.951 min  
Delta R.T.: -0.003 min  
Response: 518061914  
Conc: 52.69 ng/ml



#16 4,4'-DDD

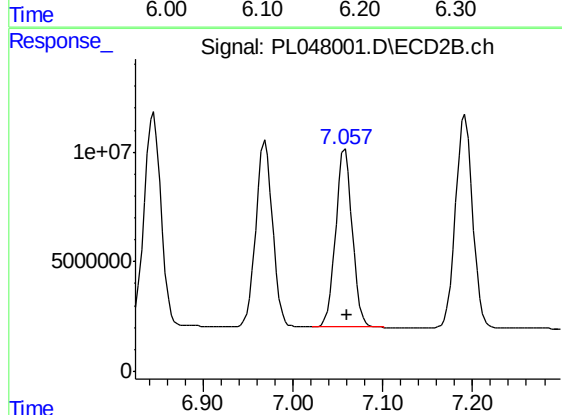
R.T.: 6.761 min  
Delta R.T.: -0.002 min  
Response: 117249206  
Conc: 52.22 ng/ml



#17 4,4'-DDT

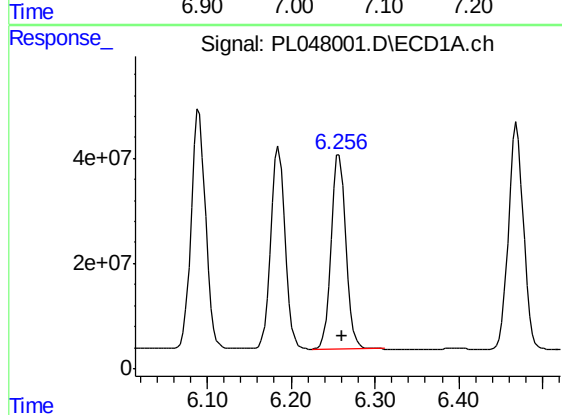
R.T.: 6.185 min  
Delta R.T.: -0.003 min  
Response: 454355020  
Conc: 45.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



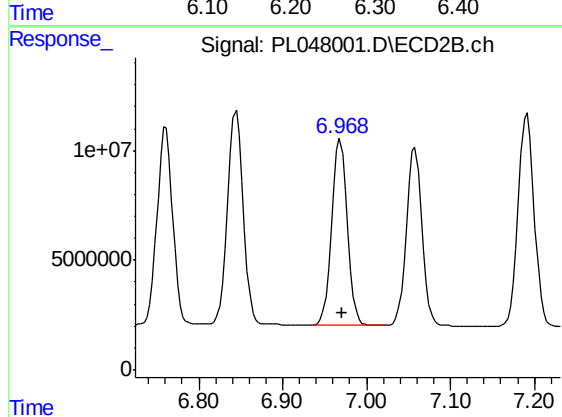
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: -0.003 min  
Response: 104847667  
Conc: 44.01 ng/ml



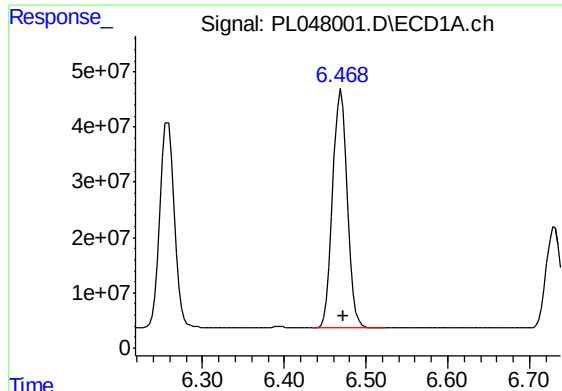
#18 Endrin aldehyde

R.T.: 6.258 min  
Delta R.T.: -0.003 min  
Response: 452024399  
Conc: 47.91 ng/ml



#18 Endrin aldehyde

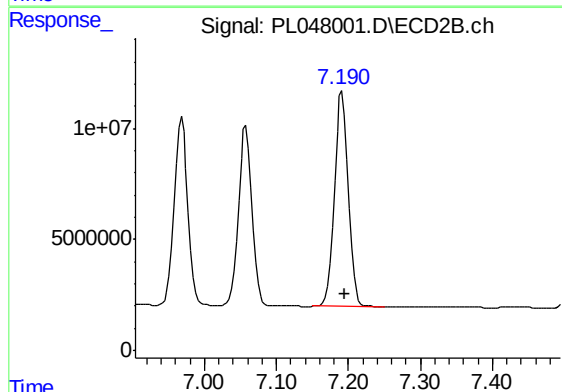
R.T.: 6.969 min  
Delta R.T.: -0.002 min  
Response: 109906529  
Conc: 47.57 ng/ml



#19 Endosulfan Sulfate

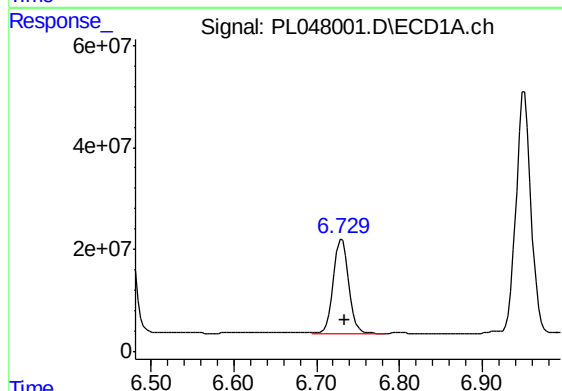
R.T.: 6.469 min  
Delta R.T.: -0.003 min  
Response: 539782951  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



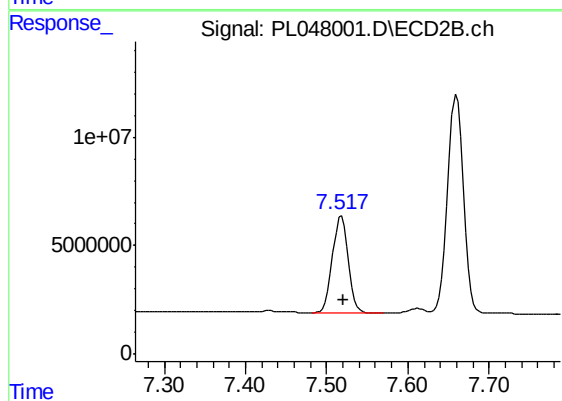
#19 Endosulfan Sulfate

R.T.: 7.192 min  
Delta R.T.: -0.003 min  
Response: 129068864  
Conc: 47.13 ng/ml



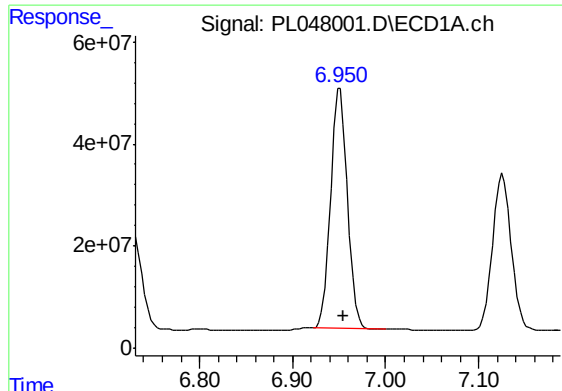
#20 Methoxychlor

R.T.: 6.731 min  
Delta R.T.: -0.003 min  
Response: 235978381  
Conc: 44.37 ng/ml



#20 Methoxychlor

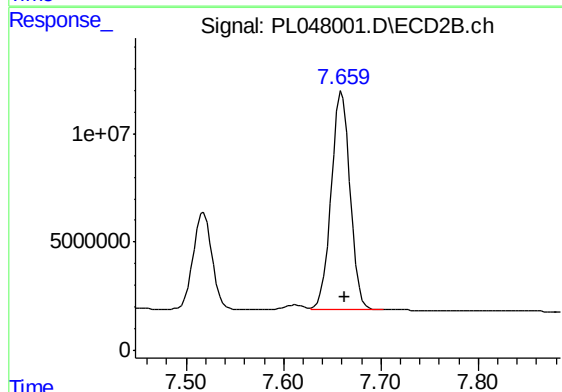
R.T.: 7.518 min  
Delta R.T.: -0.003 min  
Response: 60467158  
Conc: 43.12 ng/ml



#21 Endrin ketone

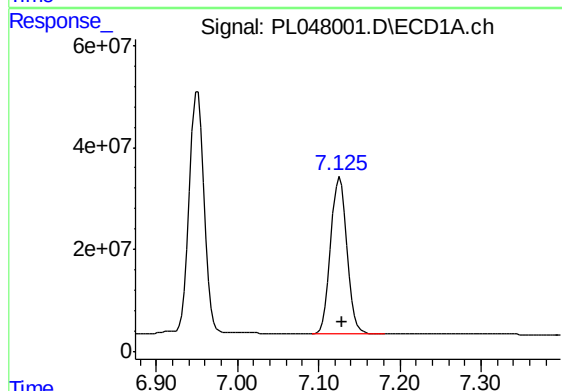
R.T.: 6.951 min  
Delta R.T.: -0.004 min  
Response: 590524220  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



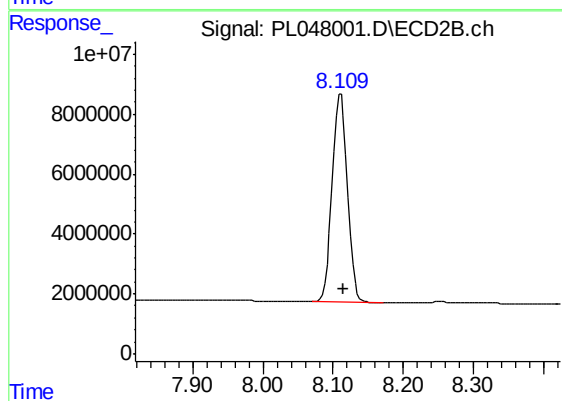
#21 Endrin ketone

R.T.: 7.660 min  
Delta R.T.: -0.003 min  
Response: 136391016  
Conc: 48.51 ng/ml



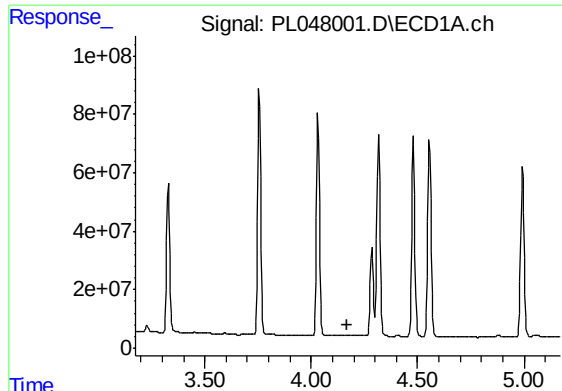
#22 Mirex

R.T.: 7.126 min  
Delta R.T.: -0.003 min  
Response: 428015794  
Conc: 45.60 ng/ml



#22 Mirex

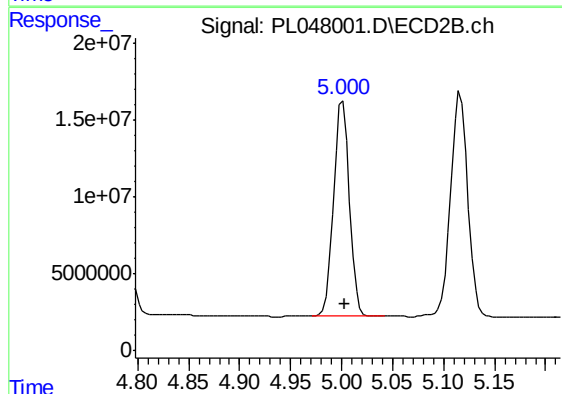
R.T.: 8.111 min  
Delta R.T.: -0.003 min  
Response: 105133007  
Conc: 45.18 ng/ml



#23 Chlordane-1

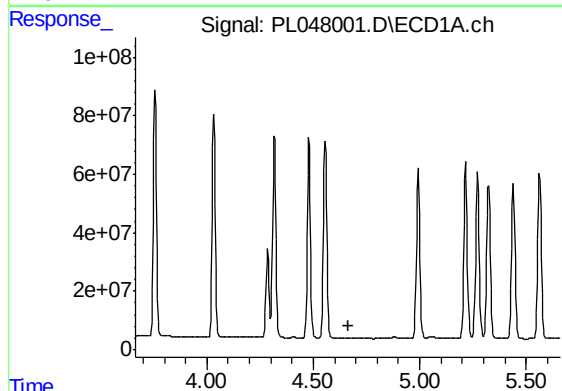
R.T.: 0.000 min  
Exp R.T. : 4.172 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



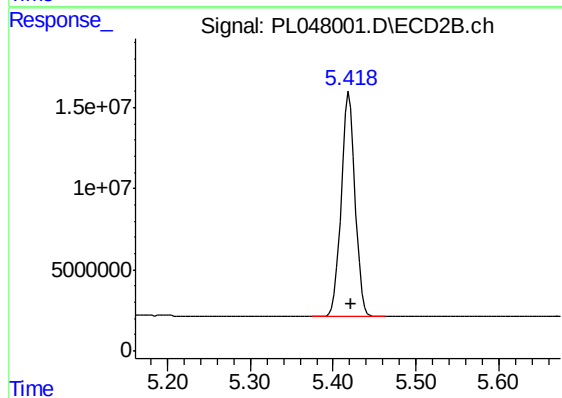
#23 Chlordane-1

R.T.: 5.001 min  
Delta R.T.: -0.002 min  
Response: 150259713  
Conc: 586.48 ng/ml



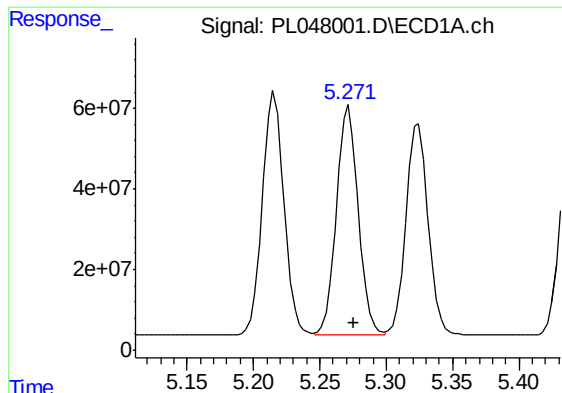
#24 Chlordane-2

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



#24 Chlordane-2

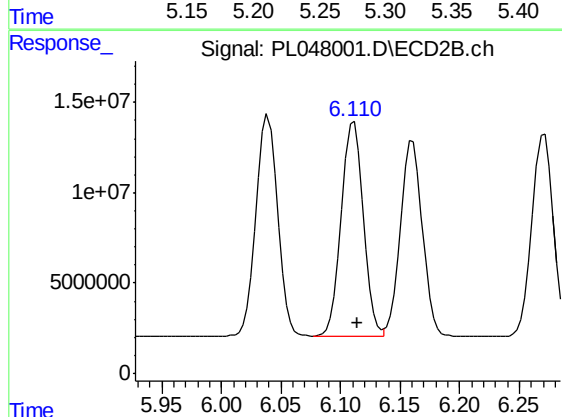
R.T.: 5.419 min  
Delta R.T.: -0.002 min  
Response: 162632382  
Conc: 522.63 ng/ml



#25 Chlordane-3

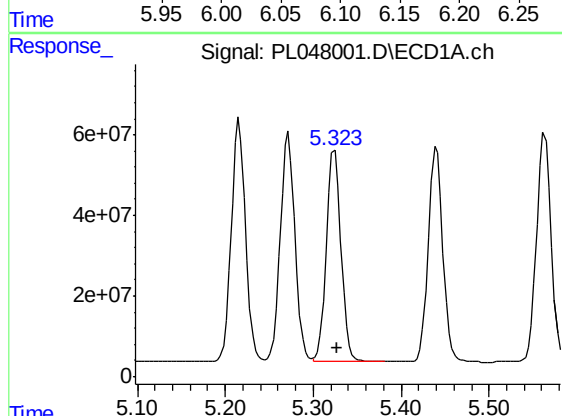
R.T.: 5.272 min  
Delta R.T.: -0.004 min  
Response: 655594681  
Conc: 497.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



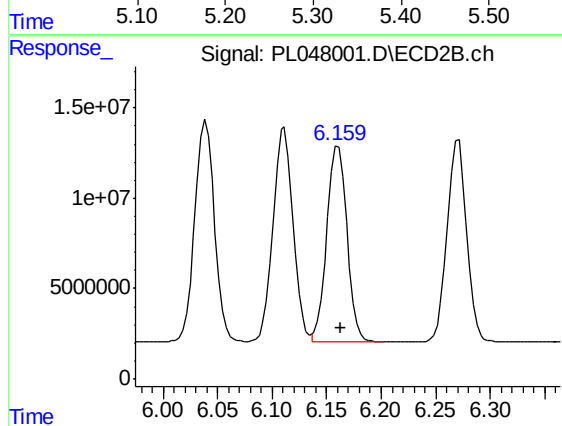
#25 Chlordane-3

R.T.: 6.111 min  
Delta R.T.: -0.003 min  
Response: 151290342  
Conc: 510.73 ng/ml



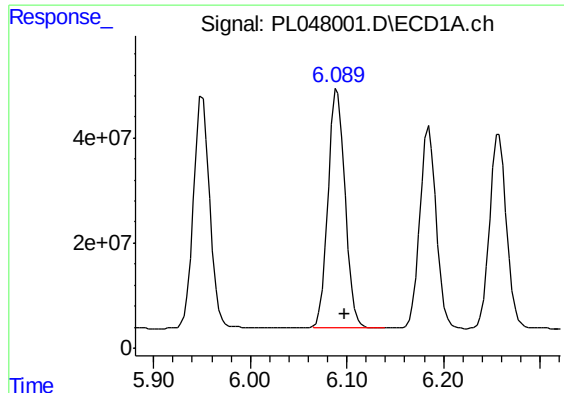
#26 Chlordane-4

R.T.: 5.324 min  
Delta R.T.: -0.003 min  
Response: 609884089  
Conc: 496.35 ng/ml



#26 Chlordane-4

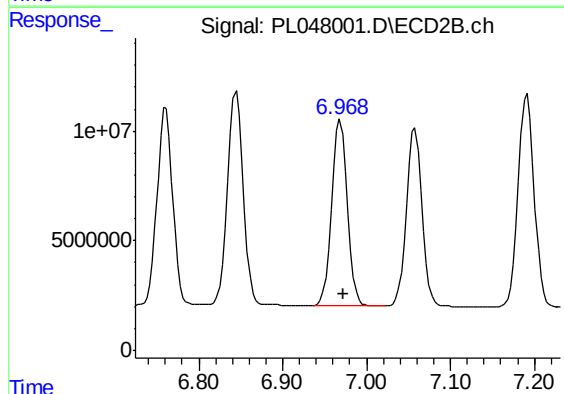
R.T.: 6.161 min  
Delta R.T.: -0.003 min  
Response: 139711460  
Conc: 507.31 ng/ml



#27 Chlordane-5

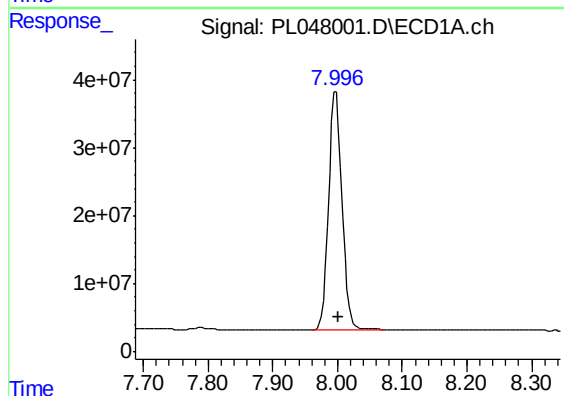
R.T.: 6.091 min  
Delta R.T.: -0.007 min  
Response: 542601723  
Conc: 1279.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



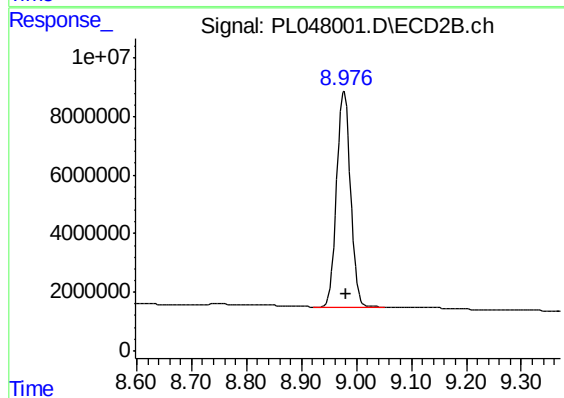
#27 Chlordane-5

R.T.: 6.969 min  
Delta R.T.: -0.003 min  
Response: 109906529  
Conc: 487.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.998 min  
Delta R.T.: -0.004 min  
Response: 498782280  
Conc: 44.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.004 min  
Response: 129551586  
Conc: 45.38 ng/ml