Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111618\
Data File : PD050367.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Nov 2018 4:01
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** ECD_D
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 06:17:29 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111618.M
Quant Title : GC Extractables
QLast Update : Fri Nov 16 02:59:21 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

| | Compound | | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | | |
| 1) | SA | Tetrachlo... | 3.229 | 4.045 | 31415454 | 578.8E6 | 21.588 | 21.013 | |
| 28) | SA | Decachlor... | 7.838 | 9.155 | 36268299 | 420.6E6 | 24.500 | 20.779 | |
| | Target Compounds | | | | | | | | |
| 2) | A | alpha-BHC | 3.649 | 4.437 | 22853846 | 459.3E6 | 9.735 | 10.823 | |
| 3) | MA | gamma-BHC... | 3.918 | 4.724 | 23793645 | 418.0E6 | 10.198 | 10.987 | |
| 4) | MA | Heptachlor | 4.164 | 5.202f | 9989276 | 8676702 | 4.527 | 0.229 | # |
| 5) | MB | Aldrin | 4.441 | 0.000 | 140392 | 0 | 0.061 | N.D. | # |
| 6) | B | beta-BHC | 4.164 | 4.893 | 9989276 | 186.2E6 | 10.926 | 11.222 | |
| 7) | B | delta-BHC | 4.374 | 0.000 | 322551 | 0 | 0.148 | N.D. | # |
| 8) | B | Heptachlo... | 0.000 | 5.927 | 0 | 132.3E6 | N.D. | 4.164 | # |
| 12) | B | 4,4'-DDE | 5.302 | 6.396 | 374493 | 5125855 | 0.183 | 0.174 | |
| 13) | MA | Dieldrin | 5.416 | 6.559 | 570991 | 5285783 | 0.259 | 0.175 | # |
| 14) | MA | Endrin | 5.663 | 6.769 | 96655739 | 961.0E6 | 50.307 | 39.873 | |
| 15) | B | Endosulfa... | 0.000 | 6.984 | 0 | 12595052 | N.D. | 0.516 | # |
| 16) | A | 4,4'-DDD | 5.804 | 6.890 | 1197825 | 21118339 | 0.699 | 0.925 | # |
| 17) | MA | 4,4'-DDT | 6.036 | 7.189 | 209.9E6 | 1933.1E6 | 118.472 | 93.659 | |
| 18) | B | Endrin al... | 6.100 | 7.101 | 4747166 | 56126245 | 3.131 | 2.776 | |
| 19) | B | Endosulfa... | 6.260f | 0.000 | 941837 | 0 | 0.508 | N.D. | # |
| 20) | A | Methoxychlor | 6.583 | 7.647 | 275.2E6 | 2339.6E6 | 288.357 | 210.419 | # |
| 21) | B | Endrin ke... | 6.784 | 7.799 | 7633642 | 66075659 | 3.531 | 2.851 | |
| 23) | | Chlordane-1 | 4.086 | 0.000 | 442958 | 0 | 6.576 | N.D. | # |
| 24) | | Chlordane-2 | 0.000 | 5.452 | 0 | 4882238 | N.D. | 3.914 | # |
| 27) | | Chlordane-5 | 0.000 | 7.101 | 0 | 56126245 | N.D. | 61.422 | # |

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

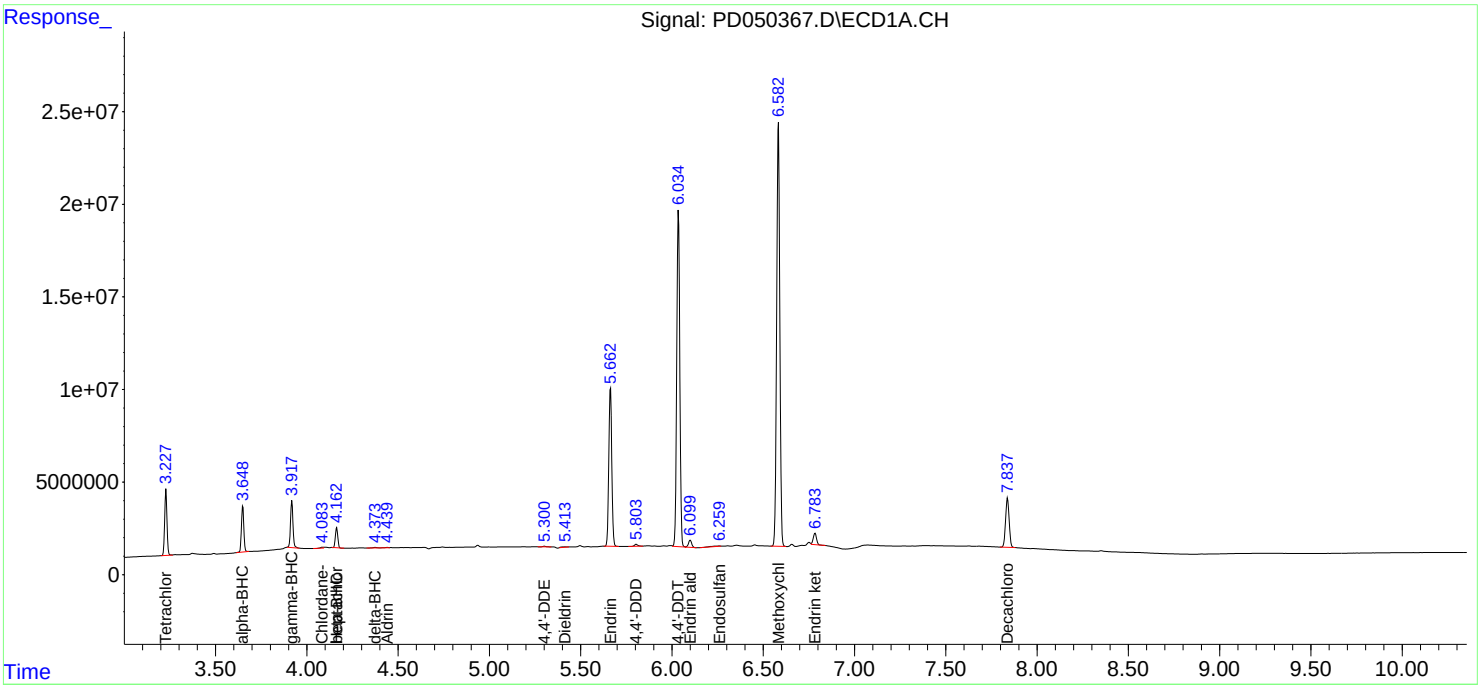
Quantitation Report (Not Reviewed)

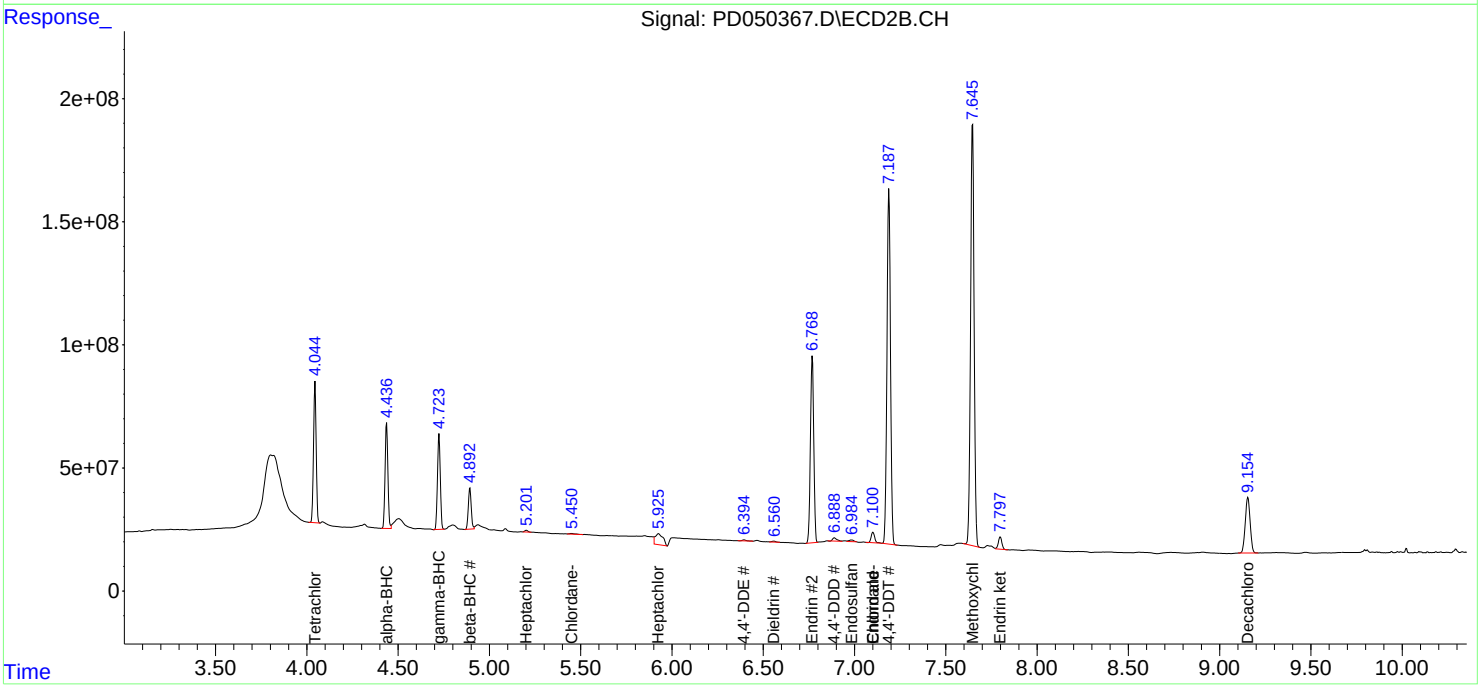
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111618\
Data File : PD050367.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 16 Nov 2018 4:01
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 21 Sample Multiplier: 1

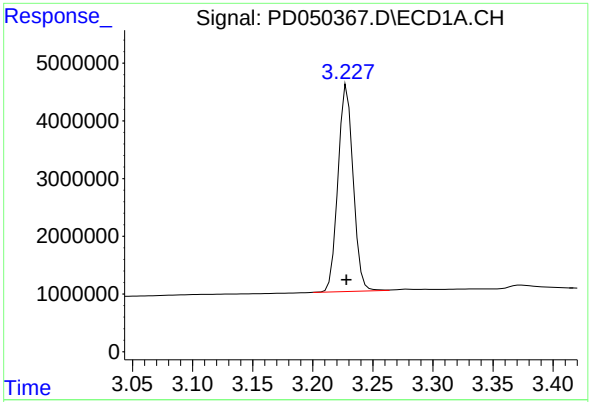
**Instrument :**
ECD_D
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 06:17:29 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111618.M
Quant Title : GC Extractables
QLast Update : Fri Nov 16 02:59:21 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm



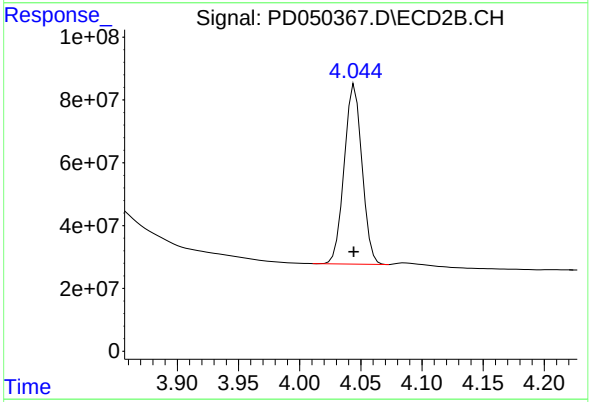






#1 Tetrachloro-m-xylene

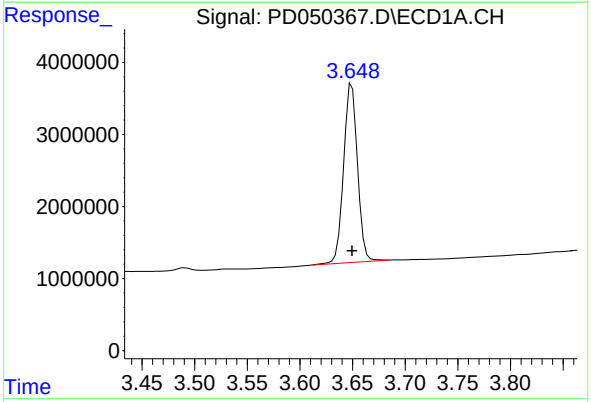
R.T.: 3.229 min
Delta R.T.: 0.000 min
Response: 31415454
Conc: 21.59 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



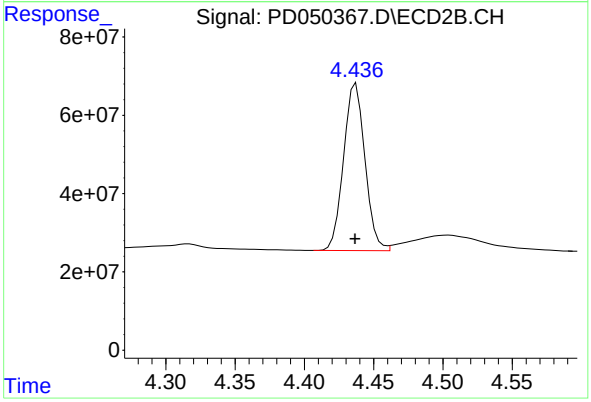

#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 578775033
Conc: 21.01 ng/ml



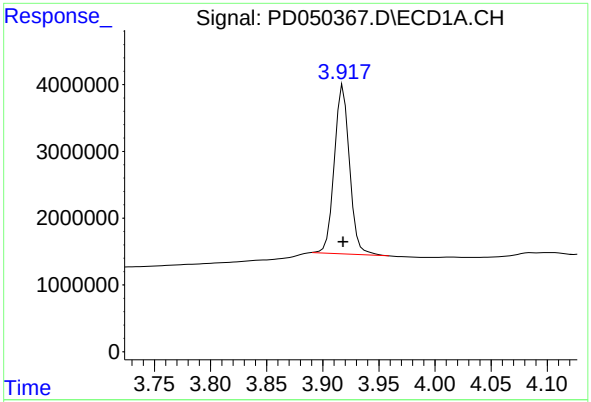

#2 alpha-BHC

R.T.: 3.649 min
Delta R.T.: 0.000 min
Response: 22853846
Conc: 9.73 ng/ml




#2 alpha-BHC

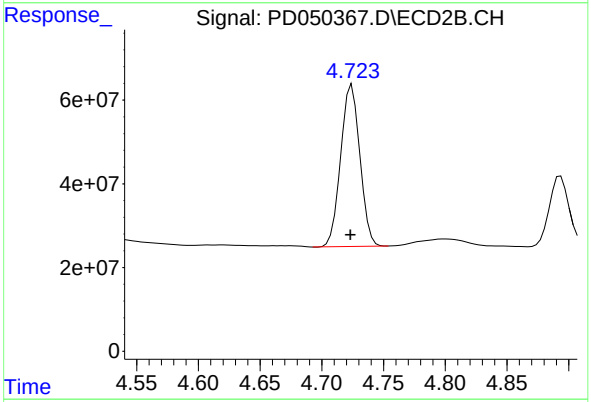
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 459337298
Conc: 10.82 ng/ml




#3 gamma-BHC (Lindane)

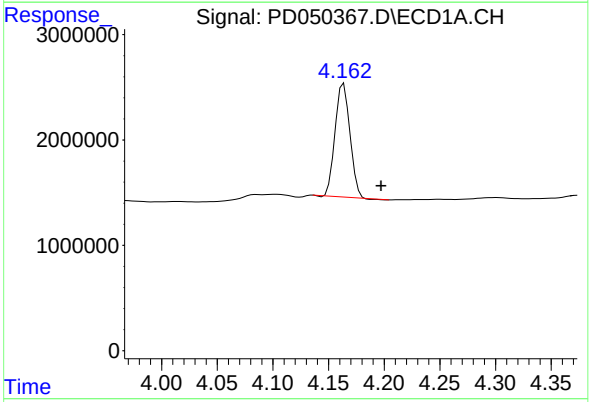
R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 23793645
Conc: 10.20 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



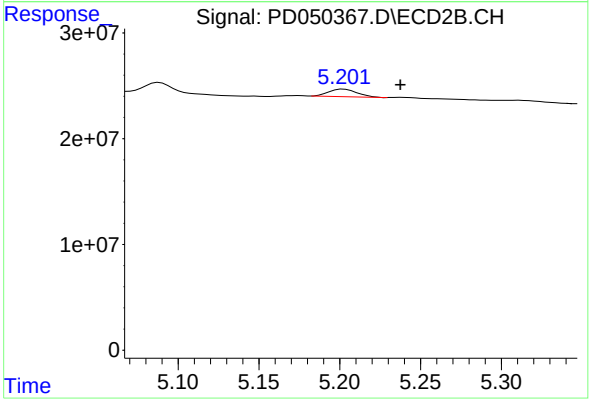

#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.001 min
Response: 417984734
Conc: 10.99 ng/ml



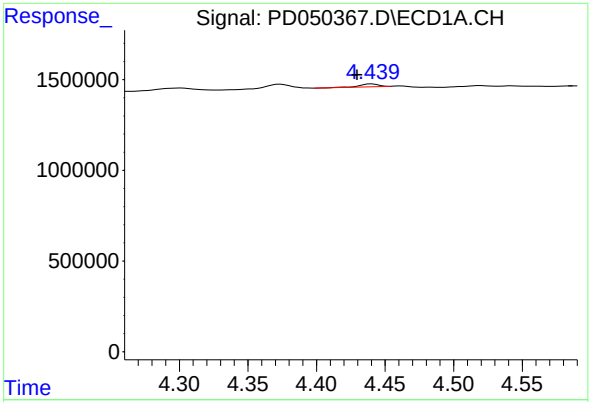

#4 Heptachlor

R.T.: 4.164 min
Delta R.T.: -0.033 min
Response: 9989276
Conc: 4.53 ng/ml




#4 Heptachlor

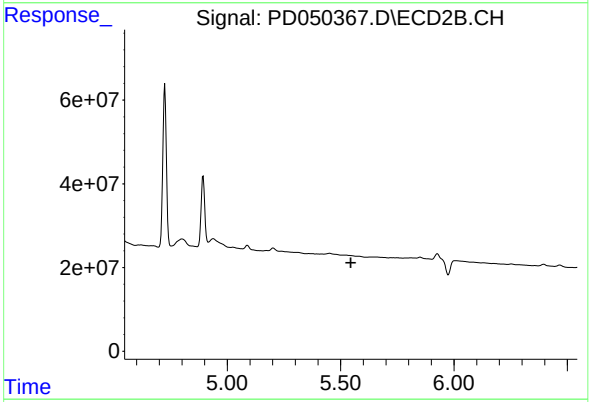
R.T.: 5.202 min
Delta R.T.: -0.035 min
Response: 8676702
Conc: 0.23 ng/ml




#5 Aldrin

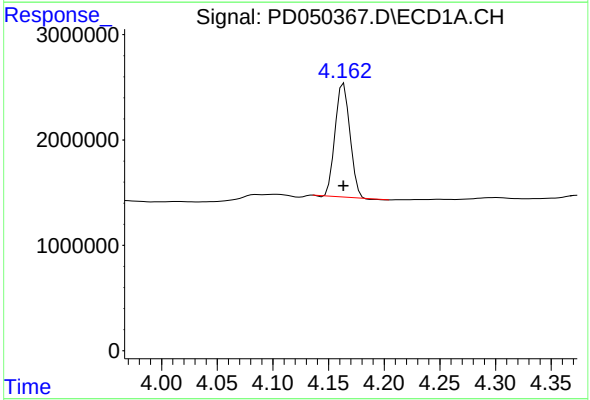
R.T.: 4.441 min
Delta R.T.: 0.011 min
Response: 140392
Conc: 0.06 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



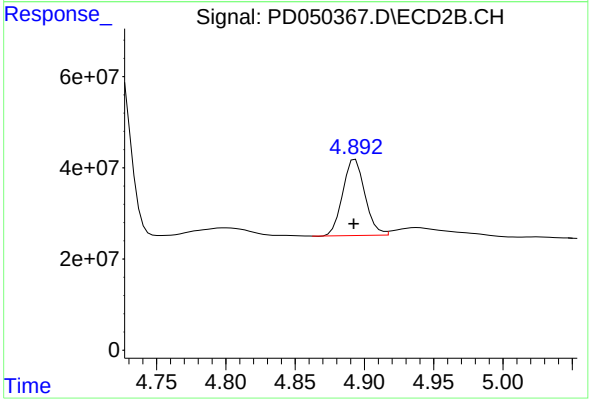

#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.545 min
Response: 0
Conc: N.D.



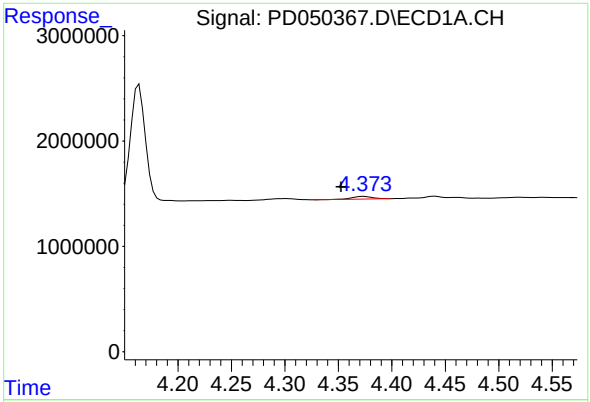

#6 beta-BHC

R.T.: 4.164 min
Delta R.T.: 0.000 min
Response: 9989276
Conc: 10.93 ng/ml




#6 beta-BHC

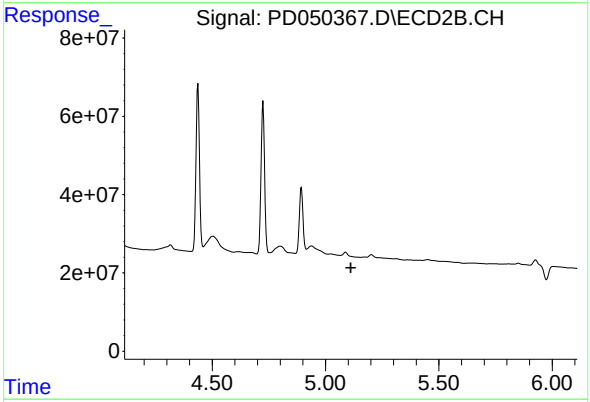
R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 186183650
Conc: 11.22 ng/ml




#7 delta-BHC

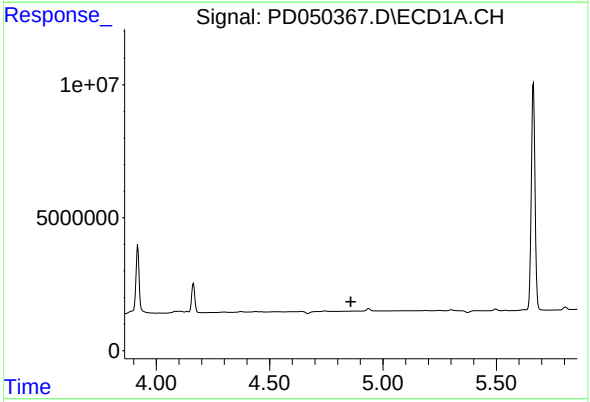
R.T.: 4.374 min
Delta R.T.: 0.022 min
Response: 322551
Conc: 0.15 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



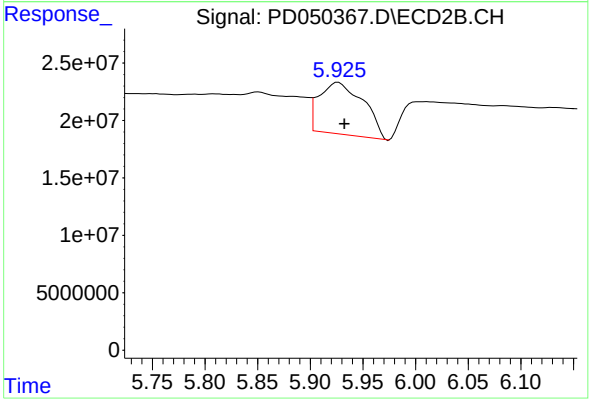

#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.112 min
Response: 0
Conc: N.D.



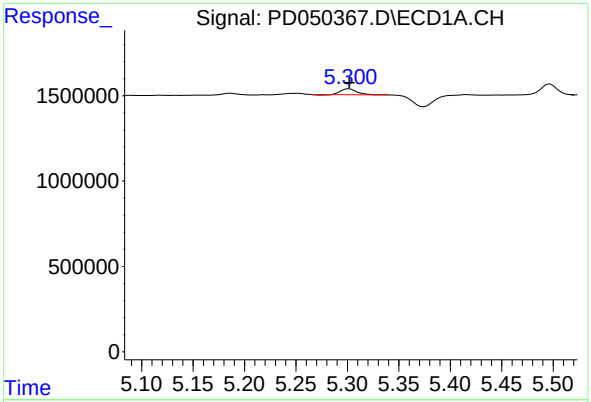

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.




#8 Heptachlor epoxide

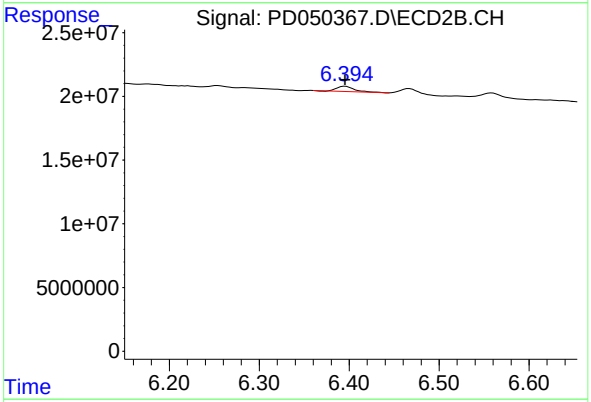
R.T.: 5.927 min
Delta R.T.: -0.006 min
Response: 132349781
Conc: 4.16 ng/ml




#12 4,4'-DDE

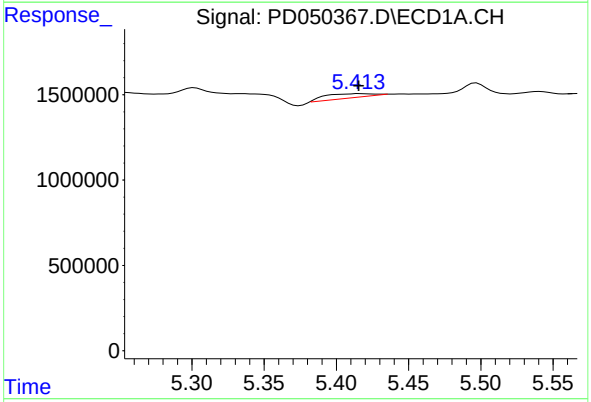
R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 374493
Conc: 0.18 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



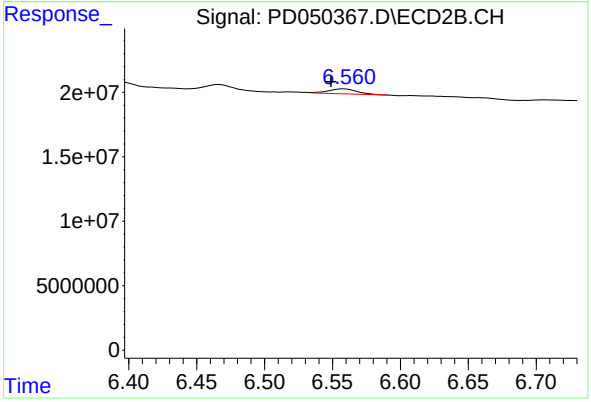

#12 4,4'-DDE

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 5125855
Conc: 0.17 ng/ml



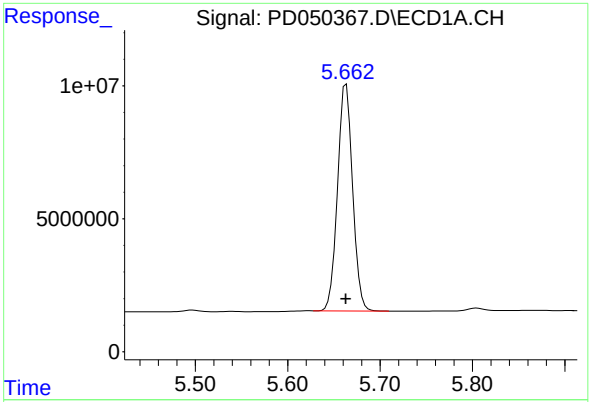

#13 Dieldrin

R.T.: 5.416 min
Delta R.T.: 0.000 min
Response: 570991
Conc: 0.26 ng/ml




#13 Dieldrin

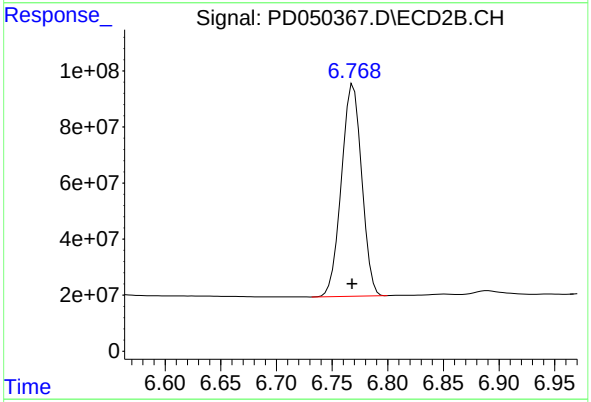
R.T.: 6.559 min
Delta R.T.: 0.010 min
Response: 5285783
Conc: 0.18 ng/ml




#14 Endrin

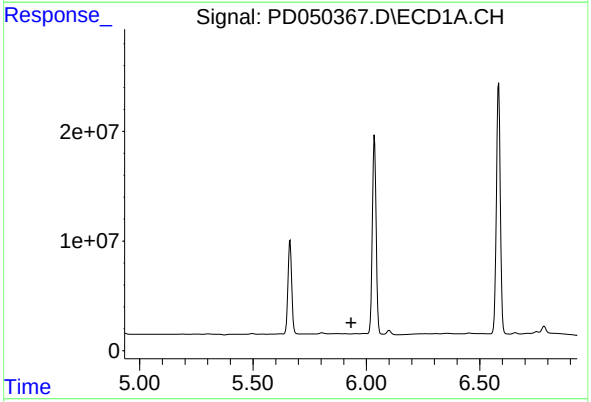
R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 96655739
Conc: 50.31 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



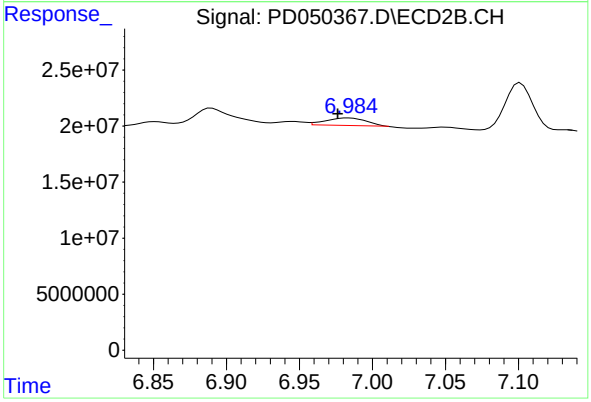

#14 Endrin

R.T.: 6.769 min
Delta R.T.: 0.001 min
Response: 961032322
Conc: 39.87 ng/ml



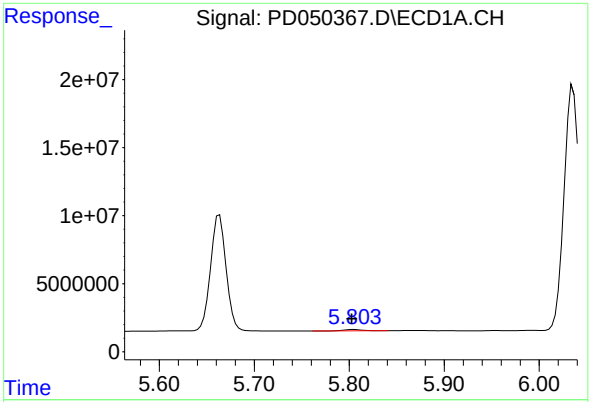

#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.933 min
Response: 0
Conc: N.D.




#15 Endosulfan II

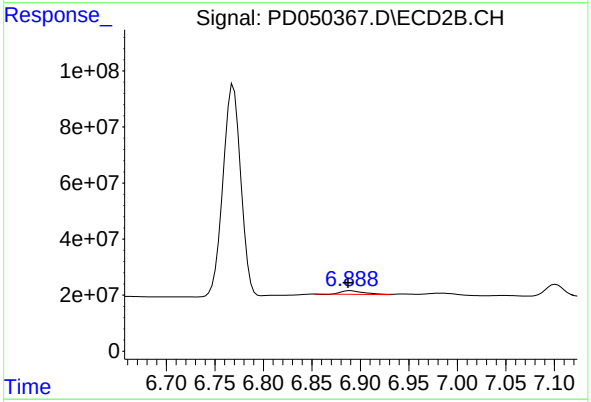
R.T.: 6.984 min
Delta R.T.: 0.008 min
Response: 12595052
Conc: 0.52 ng/ml




#16 4,4'-DDD

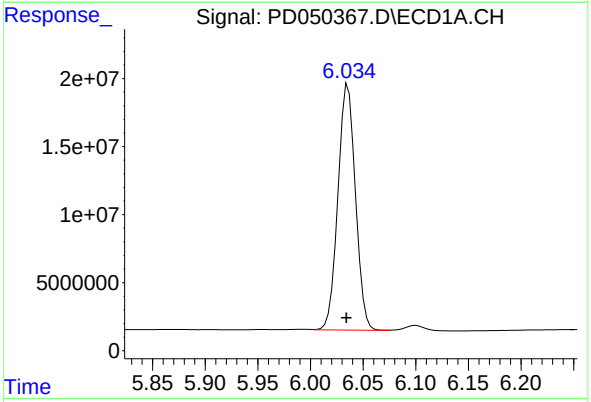
R.T.: 5.804 min
Delta R.T.: 0.002 min
Response: 1197825
Conc: 0.70 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



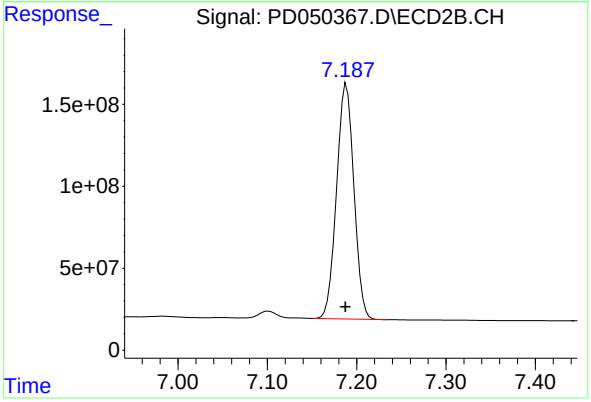

#16 4,4'-DDD

R.T.: 6.890 min
Delta R.T.: 0.002 min
Response: 21118339
Conc: 0.92 ng/ml



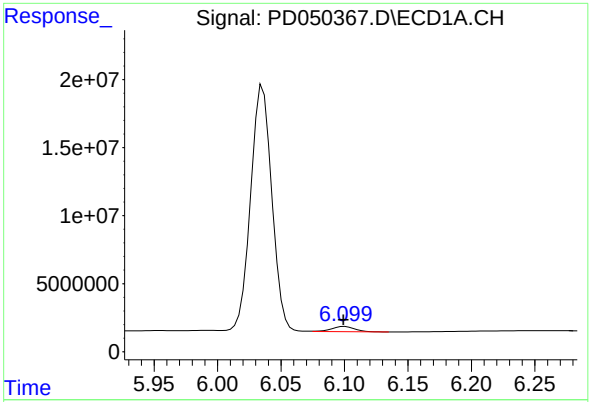

#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.001 min
Response: 209921507
Conc: 118.47 ng/ml




#17 4,4'-DDT

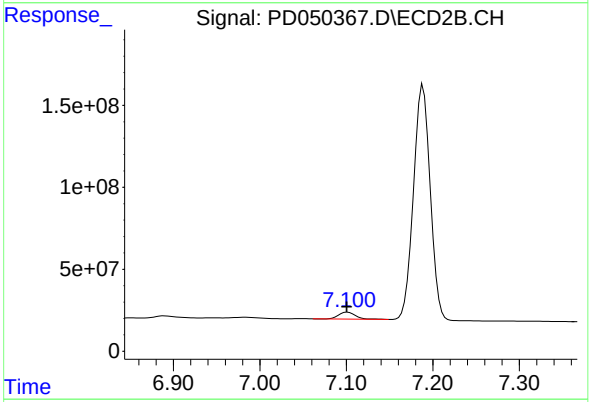
R.T.: 7.189 min
Delta R.T.: 0.001 min
Response: 1933102739
Conc: 93.66 ng/ml




#18 Endrin aldehyde

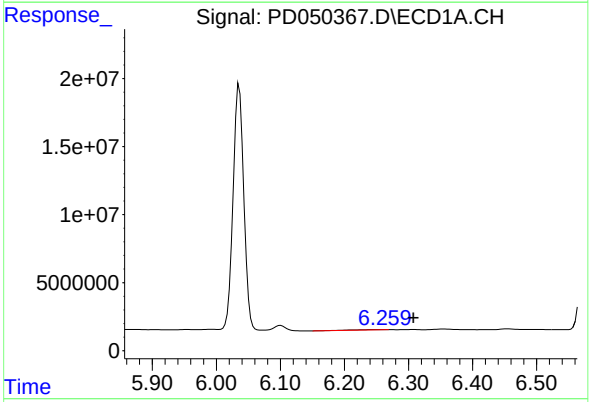
R.T.: 6.100 min
Delta R.T.: 0.001 min
Response: 4747166
Conc: 3.13 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



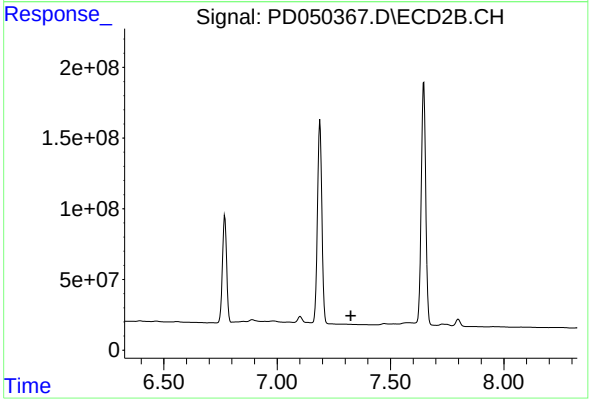

#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 56126245
Conc: 2.78 ng/ml



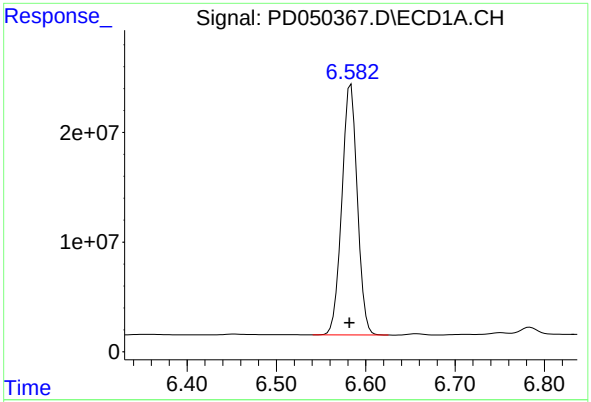

#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.047 min
Response: 941837
Conc: 0.51 ng/ml




#19 Endosulfan Sulfate

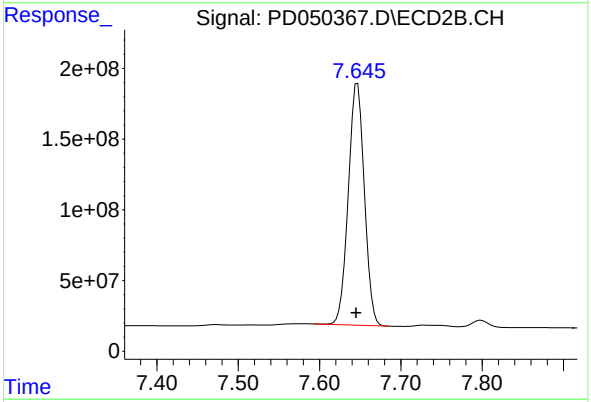
R.T.: 0.000 min
Exp R.T. : 7.324 min
Response: 0
Conc: N.D.




#20 Methoxychlor

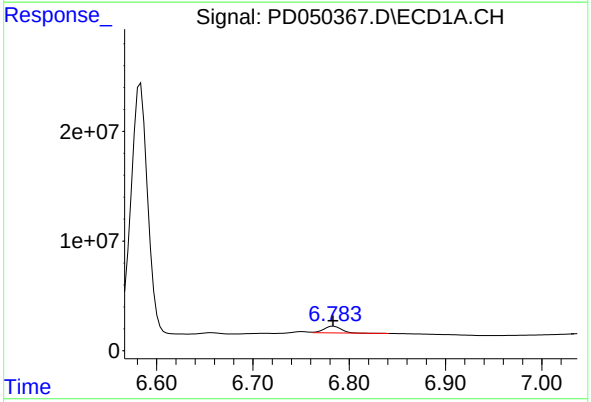
R.T.: 6.583 min
Delta R.T.: 0.002 min
Response: 275242211
Conc: 288.36 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



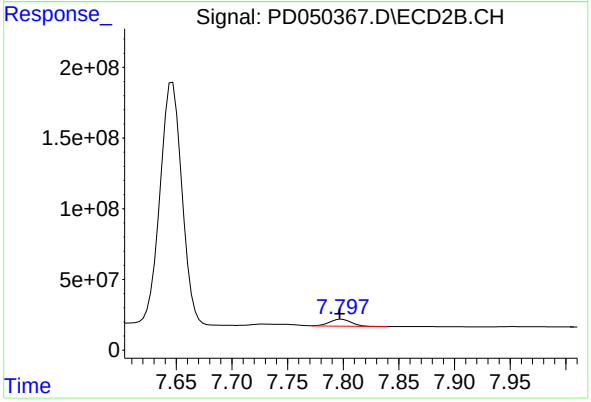

#20 Methoxychlor

R.T.: 7.647 min
Delta R.T.: 0.002 min
Response: 2339622975
Conc: 210.42 ng/ml



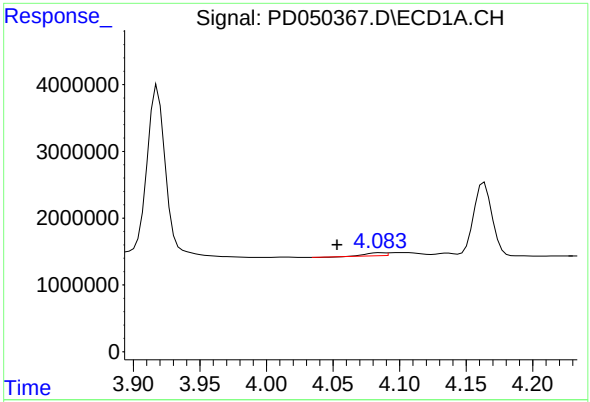

#21 Endrin ketone

R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 7633642
Conc: 3.53 ng/ml




#21 Endrin ketone

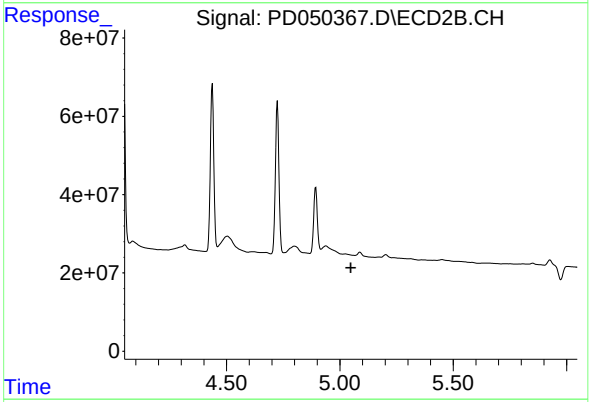
R.T.: 7.799 min
Delta R.T.: 0.002 min
Response: 66075659
Conc: 2.85 ng/ml




#23 Chlordane-1

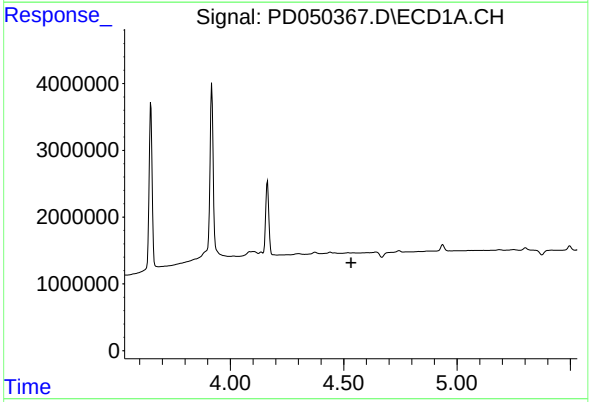
R.T.: 4.086 min
Delta R.T.: 0.033 min
Response: 442958
Conc: 6.58 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**



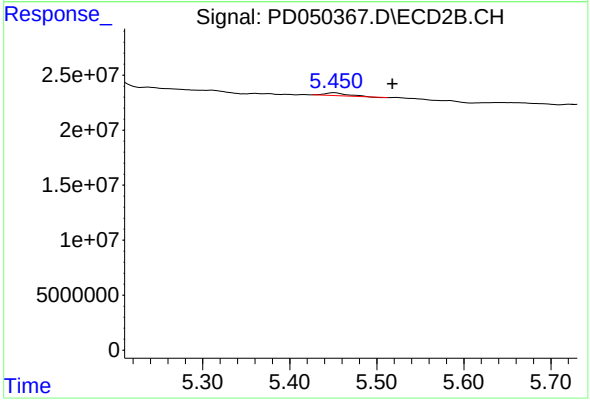

#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.048 min
Response: 0
Conc: N.D.



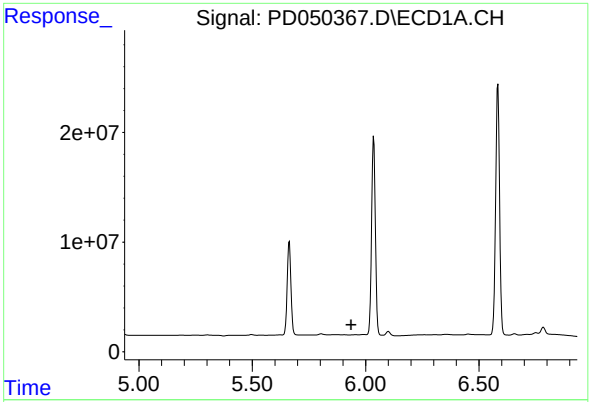

#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.533 min
Response: 0
Conc: N.D.




#24 Chlordane-2

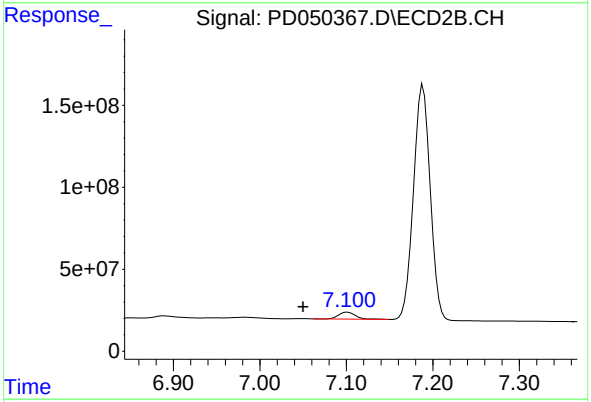
R.T.: 5.452 min
Delta R.T.: -0.066 min
Response: 4882238
Conc: 3.91 ng/ml




#27 Chlordane-5

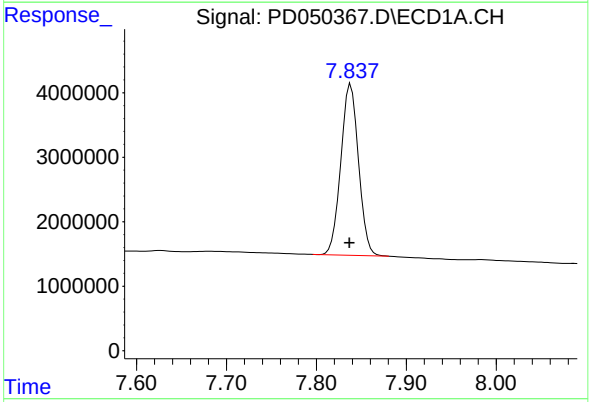
R.T.: 0.000 min
Exp R.T. : 5.937 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_D
**ClientSampleId :**



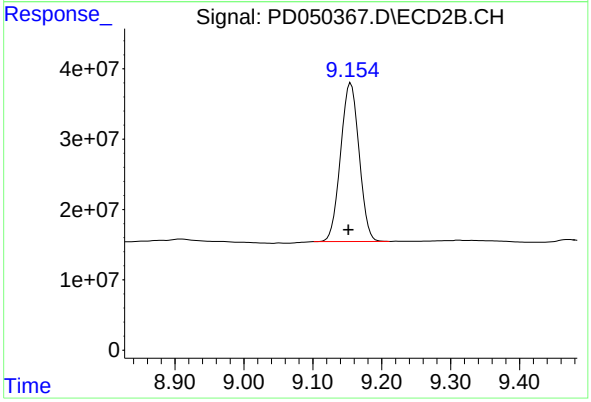

#27 Chlordane-5

R.T.: 7.101 min
Delta R.T.: 0.052 min
Response: 56126245
Conc: 61.42 ng/ml




#28 Decachlorobiphenyl

R.T.: 7.838 min
Delta R.T.: 0.002 min
Response: 36268299
Conc: 24.50 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: 0.003 min
Response: 420607377
Conc: 20.78 ng/ml