Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071318\
Data File : PL037968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2018 17:19
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** ECD_L
**ClientSampleId :** PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 07:24:13 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
Quant Title : GC Extractables
QLast Update : Sat Jul 14 00:12:12 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... | 3.329 | 3.929 | 143.0E6 | 51878883 | 19.198 | 19.764 | |
| 28) | SA Decachlor... | 8.004 | 8.938 | 155.0E6 | 50194056 | 20.433 | 20.534 | |
| | **Target Compounds** | | | | | | | |
| 2) | A alpha-BHC | 3.758 | 4.308 | 116.5E6 | 37747234 | 9.858 | 9.753 | |
| 3) | MA gamma-BHC... | 4.034 | 4.588 | 105.6E6 | 36109881 | 10.070 | 9.998 | |
| 4) | MA Heptachlor | 4.289 | 5.099 | 48302591 | -125981 | 4.541 | N.D. | # |
| 5) | MB Aldrin | 0.000 | 5.396 | 0 | 535945 | N.D. | 0.174 | # |
| 6) | B beta-BHC | 4.289 | 4.749 | 48302591 | 14005709 | 10.233 | 9.233 | |
| 7) | B delta-BHC | 0.000 | 4.944 | 0 | 1981795 | N.D. | 0.598 | # |
| 8) | B Heptachlo... | 4.934f | 5.773 | 9539576 | 5193648 | 1.012 | 1.828 | # |
| 9) | A Endosulfan I | 0.000 | 6.132 | 0 | 821260 | N.D. | 0.319 | # |
| 10) | B gamma-Chl... | 0.000 | 6.034 | 0 | 130167 | N.D. | 0.045 | # |
| 11) | B alpha-Chl... | 0.000 | 6.087 | 0 | 1044431 | N.D. | 0.364 | # |
| 12) | B 4,4'-DDE | 0.000 | 6.240 | 0 | 892995 | N.D. | 0.334 | # |
| 13) | MA Dieldrin | 0.000 | 6.381 | 0 | 942737 | N.D. | 0.346 | # |
| 14) | MA Endrin | 5.821 | 6.602 | 429.7E6 | 117.9E6 | 49.456 | 49.389 | |
| 15) | B Endosulfa... | 6.036f | 6.803 | 65964579 | 362042 | 8.318 | 0.151 | # |
| 16) | A 4,4'-DDD | 0.000 | 6.723 | 0 | 1824290 | N.D. | 0.852 | # |
| 17) | MA 4,4'-DDT | 6.191 | 7.023 | 819.9E6 | 239.0E6 | 110.376 | 112.116 | |
| 18) | B Endrin al... | 0.000 | 6.927 | 0 | 241403 | N.D. | 0.124 | # |
| 19) | B Endosulfa... | 0.000 | 7.151 | 0 | 392411 | N.D. | 0.180 | # |
| 20) | A Methoxychlor | 6.740 | 7.479 | 974.1E6 | 312.1E6 | 253.175 | 274.112 | |
| 21) | B Endrin ke... | 0.000 | 7.614 | 0 | 1944732 | N.D. | 0.816 | # |
| 23) | Chlordane-1 | 0.000 | 4.944 | 0 | 1981795 | N.D. | 17.101 | # |
| 24) | Chlordane-2 | 0.000 | 5.396 | 0 | 535945 | N.D. | 4.476 | # |
| 25) | Chlordane-3 | 0.000 | 6.034 | 0 | 130167 | N.D. | 0.319 | # |
| 26) | Chlordane-4 | 0.000 | 6.087 | 0 | 1044431 | N.D. | 2.126 | # |
| 27) | Chlordane-5 | 5.821 | 6.874 | 429.7E6 | 100035 | 2683.322 | 1.117 | # |

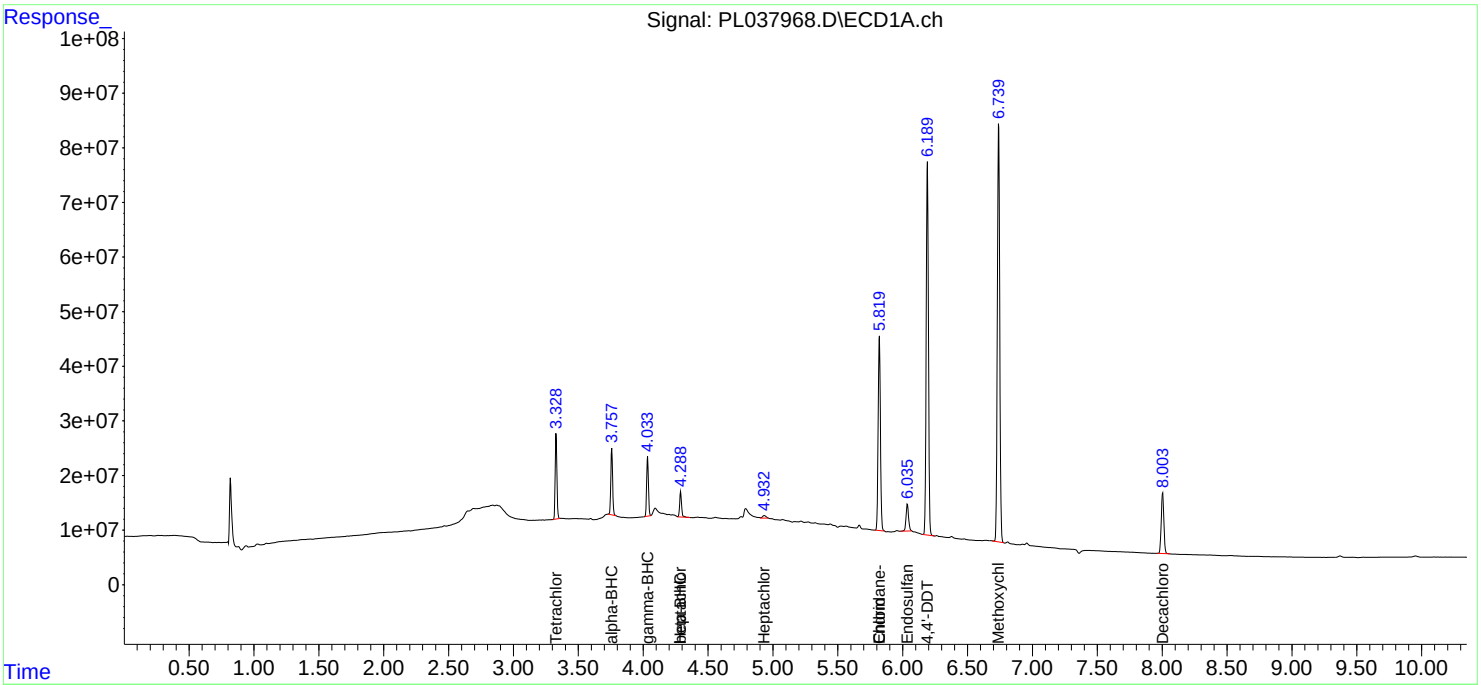
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

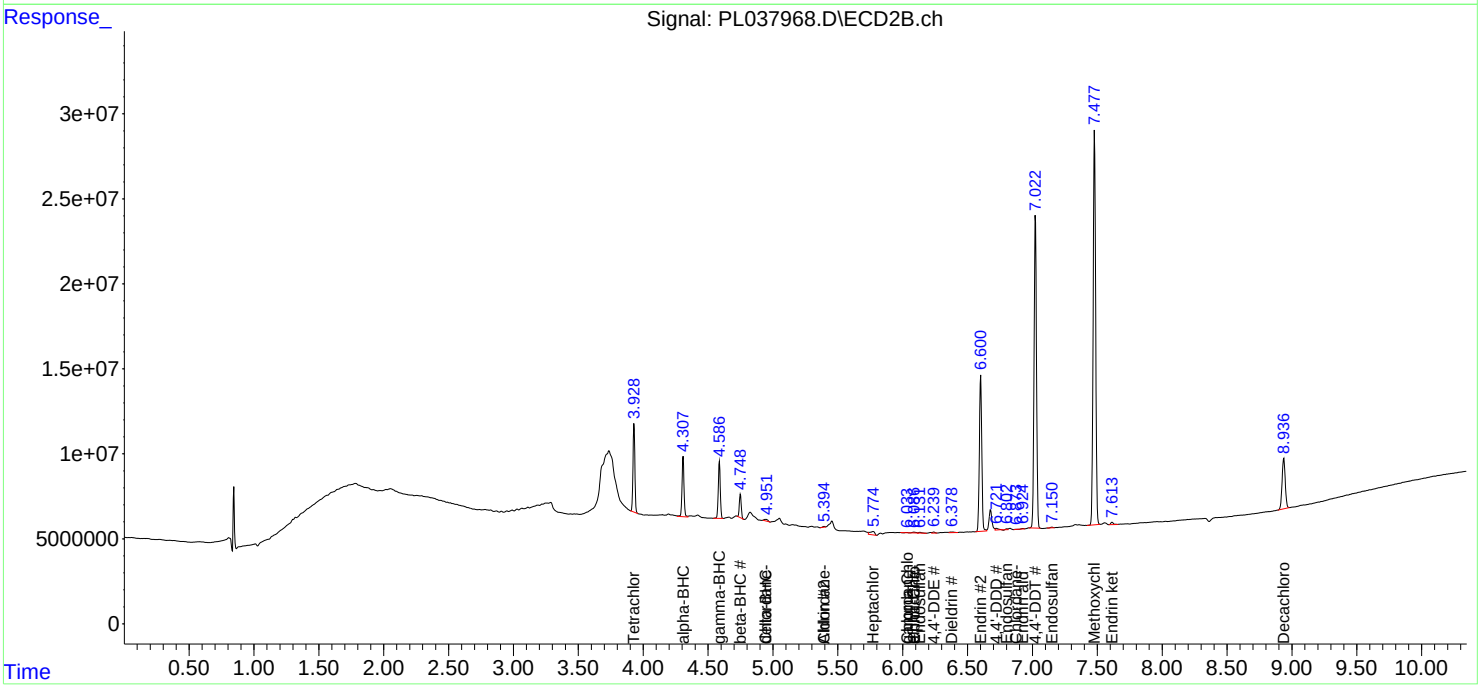
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071318\
Data File : PL037968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jul 2018 17:19
Operator : AJ\SJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

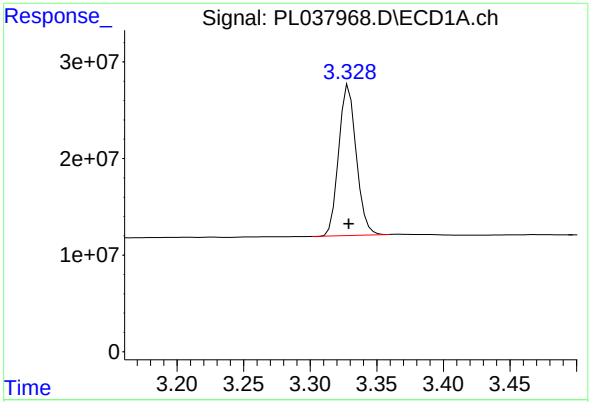
**Instrument :**
ECD_L
**ClientSampleId :**
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 07:24:13 2018
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
Quant Title : GC Extractables
QLast Update : Sat Jul 14 00:12:12 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



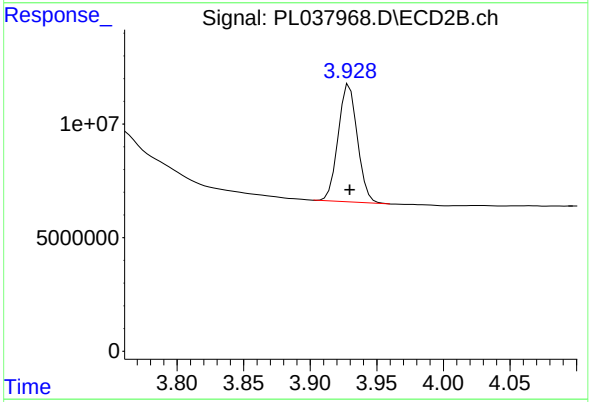






#1 Tetrachloro-m-xylene

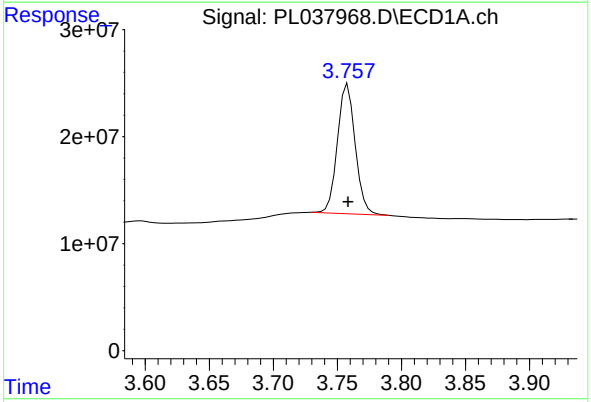
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 142958838
Conc: 19.20 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



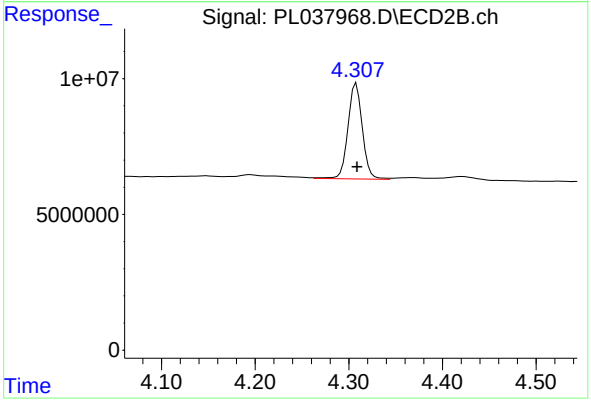

#1 Tetrachloro-m-xylene

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 51878883
Conc: 19.76 ng/ml



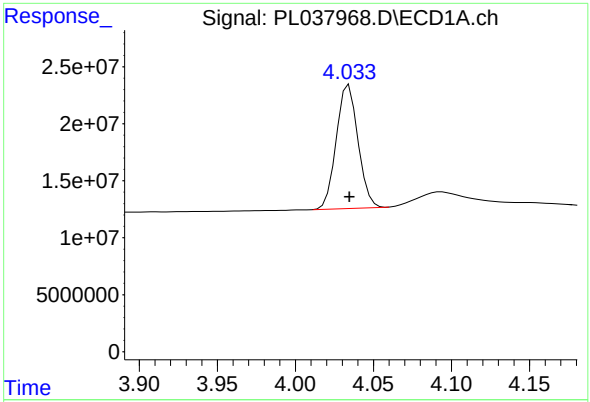

#2 alpha-BHC

R.T.: 3.758 min
Delta R.T.: 0.000 min
Response: 116476413
Conc: 9.86 ng/ml




#2 alpha-BHC

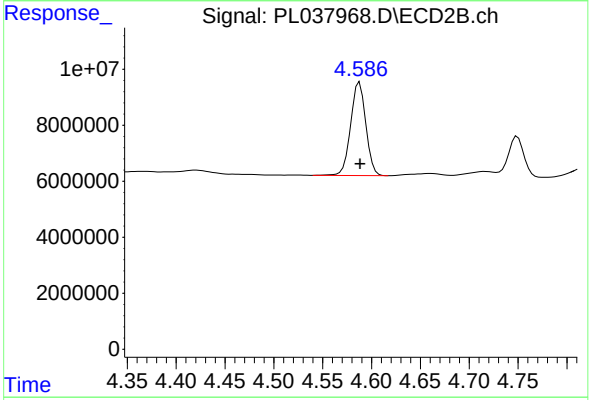
R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 37747234
Conc: 9.75 ng/ml




#3 gamma-BHC (Lindane)

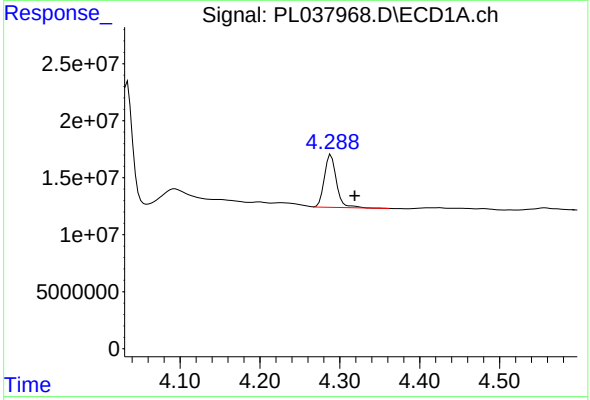
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 105571559
Conc: 10.07 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



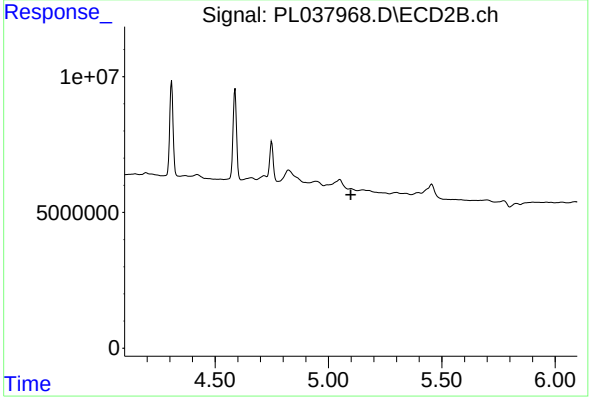

#3 gamma-BHC (Lindane)

R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 36109881
Conc: 10.00 ng/ml



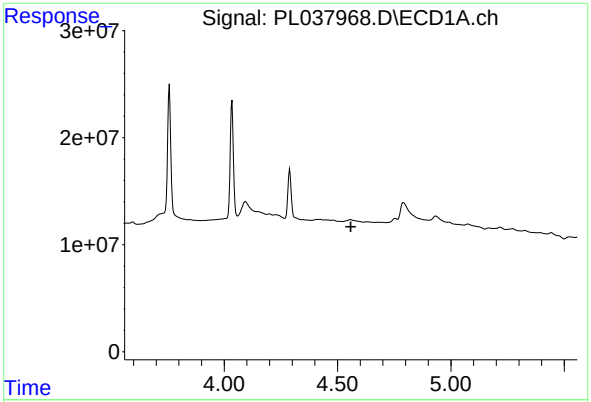

#4 Heptachlor

R.T.: 4.289 min
Delta R.T.: -0.030 min
Response: 48302591
Conc: 4.54 ng/ml




#4 Heptachlor

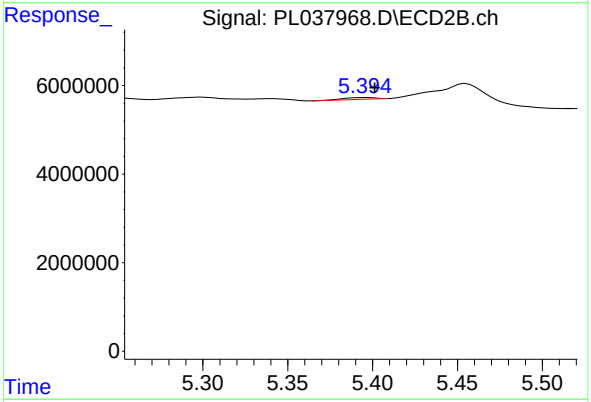
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: -125981
Conc: N.D.




#5 Aldrin

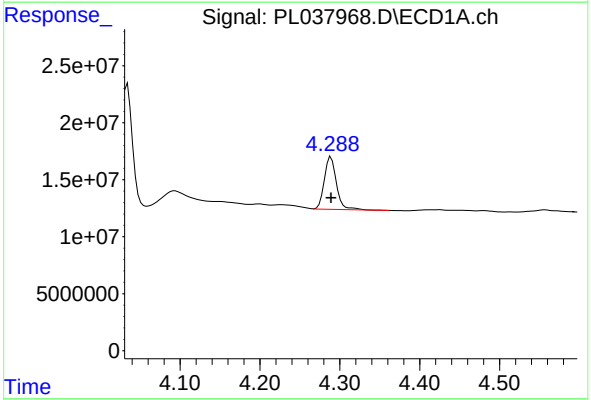
R.T.: 0.000 min
Exp R.T. : 4.558 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



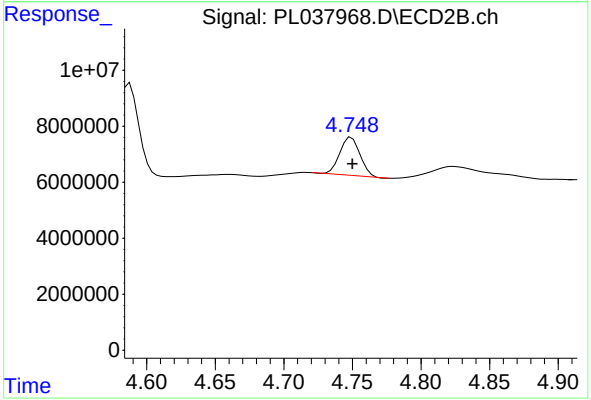

#5 Aldrin

R.T.: 5.396 min
Delta R.T.: -0.005 min
Response: 535945
Conc: 0.17 ng/ml



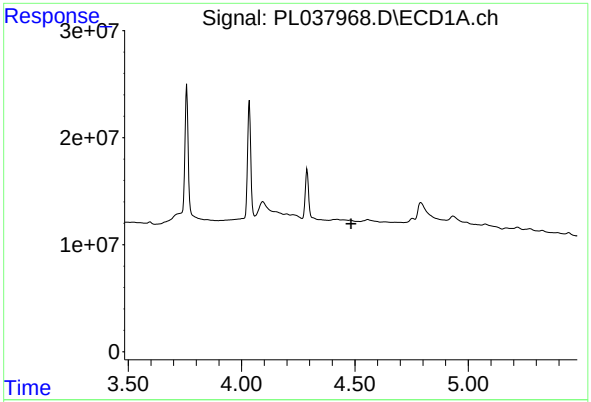

#6 beta-BHC

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 48302591
Conc: 10.23 ng/ml




#6 beta-BHC

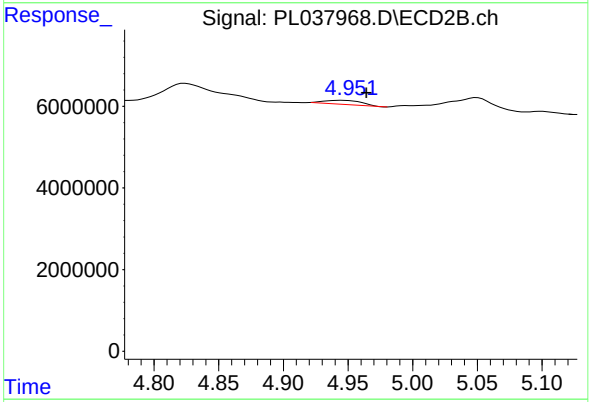
R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 14005709
Conc: 9.23 ng/ml




#7 delta-BHC

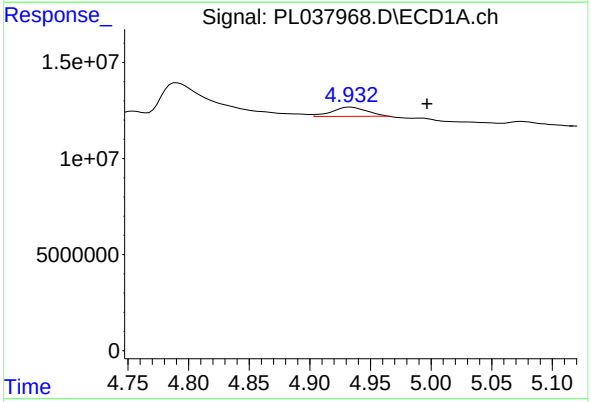
R.T.: 0.000 min
Exp R.T. : 4.484 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



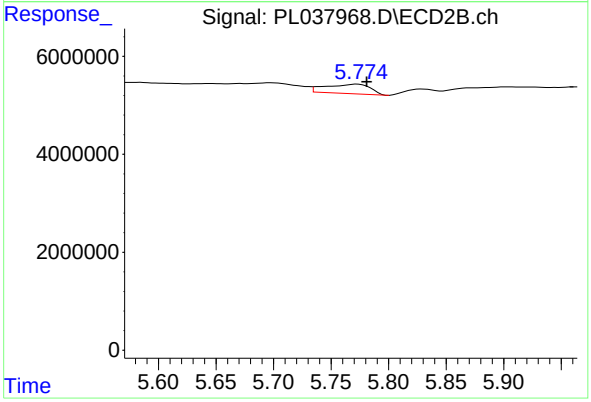

#7 delta-BHC

R.T.: 4.944 min
Delta R.T.: -0.020 min
Response: 1981795
Conc: 0.60 ng/ml



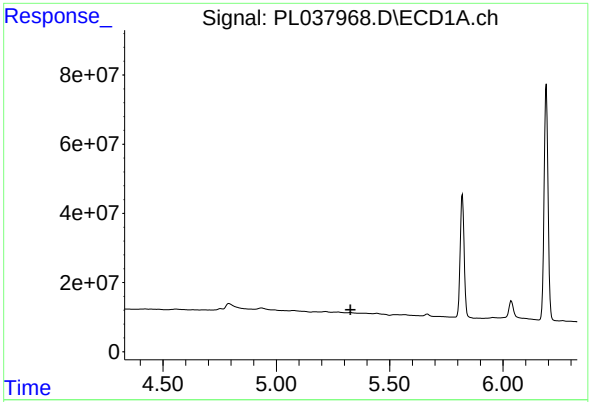

#8 Heptachlor epoxide

R.T.: 4.934 min
Delta R.T.: -0.063 min
Response: 9539576
Conc: 1.01 ng/ml




#8 Heptachlor epoxide

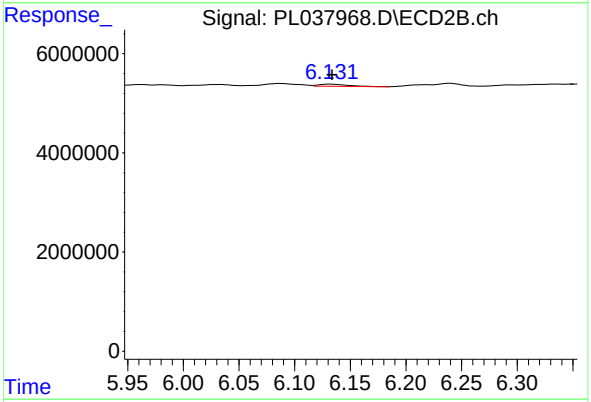
R.T.: 5.773 min
Delta R.T.: -0.008 min
Response: 5193648
Conc: 1.83 ng/ml




#9 Endosulfan I

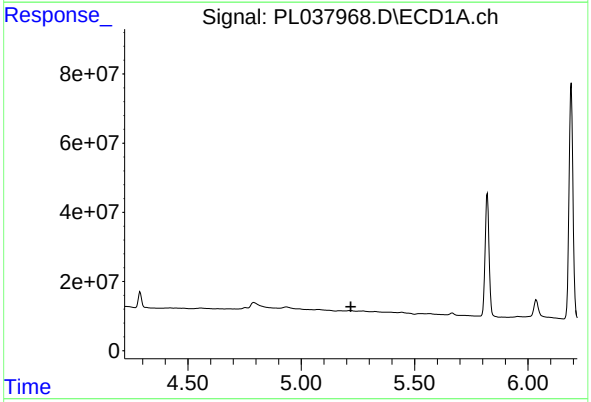
R.T.: 0.000 min
Exp R.T. : 5.328 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



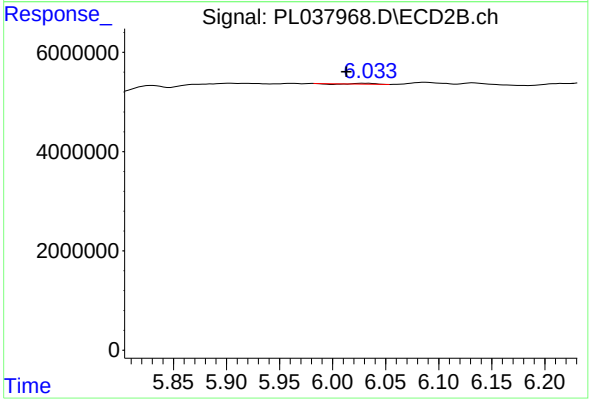

#9 Endosulfan I

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 821260
Conc: 0.32 ng/ml



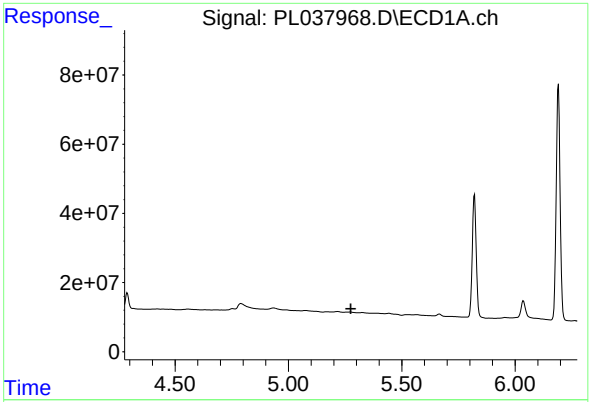

#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.219 min
Response: 0
Conc: N.D.




#10 gamma-Chlordane

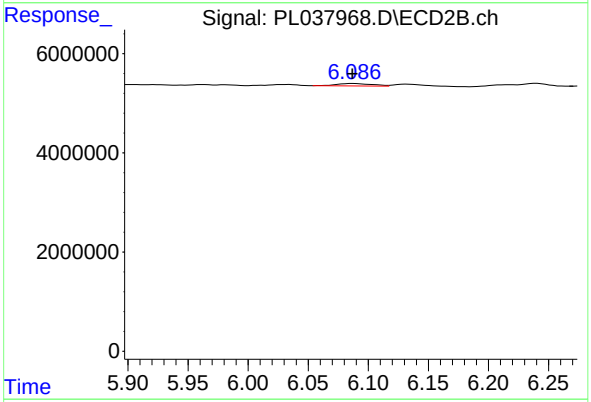
R.T.: 6.034 min
Delta R.T.: 0.021 min
Response: 130167
Conc: 0.04 ng/ml




#11 alpha-Chlordane

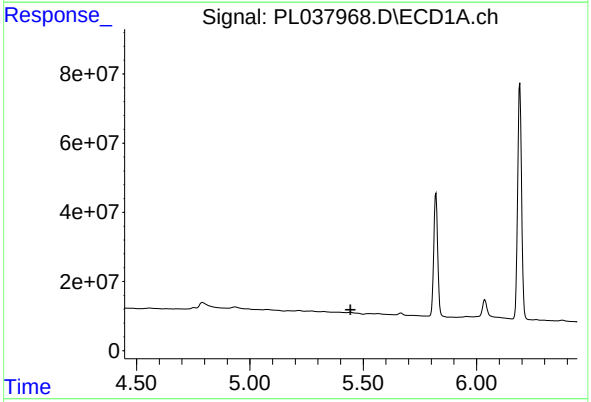
R.T.: 0.000 min
Exp R.T. : 5.275 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



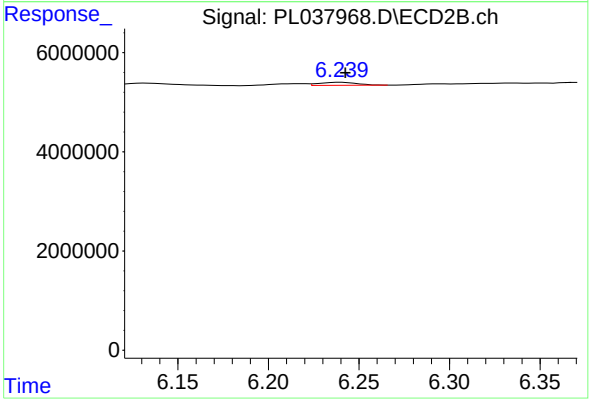

#11 alpha-Chlordane

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 1044431
Conc: 0.36 ng/ml



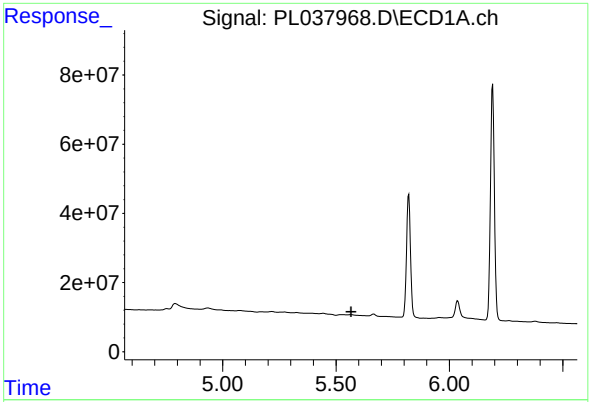

#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.444 min
Response: 0
Conc: N.D.




#12 4,4'-DDE

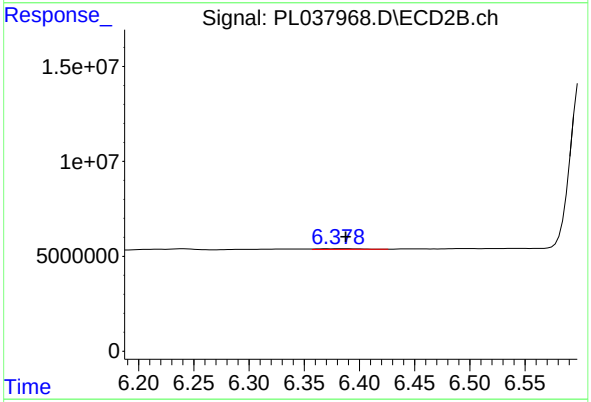
R.T.: 6.240 min
Delta R.T.: -0.002 min
Response: 892995
Conc: 0.33 ng/ml




#13 Dieldrin

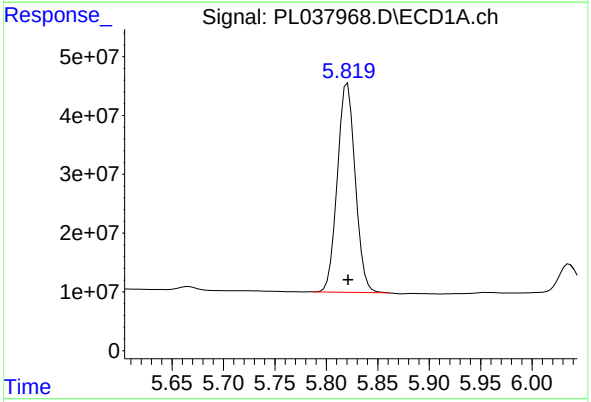
R.T.: 0.000 min
Exp R.T. : 5.567 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



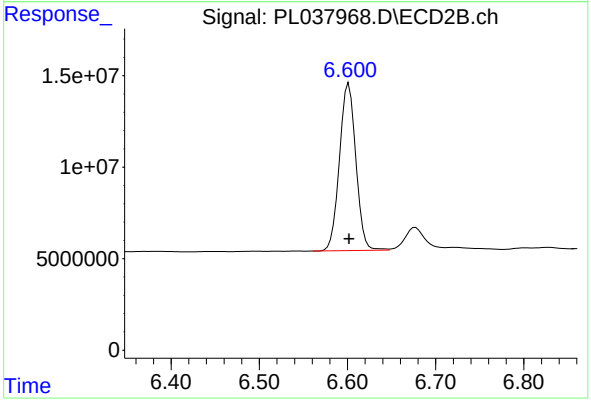

#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 942737
Conc: 0.35 ng/ml



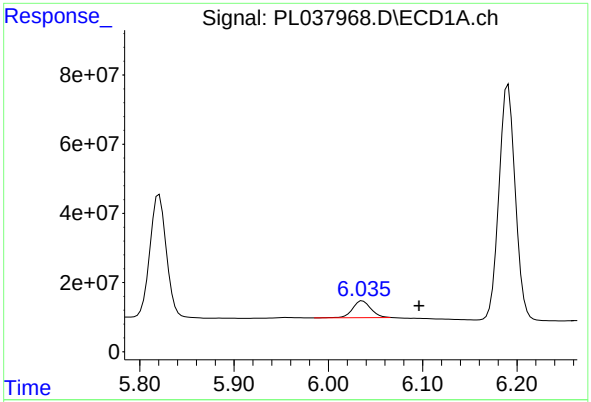

#14 Endrin

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 429688852
Conc: 49.46 ng/ml




#14 Endrin

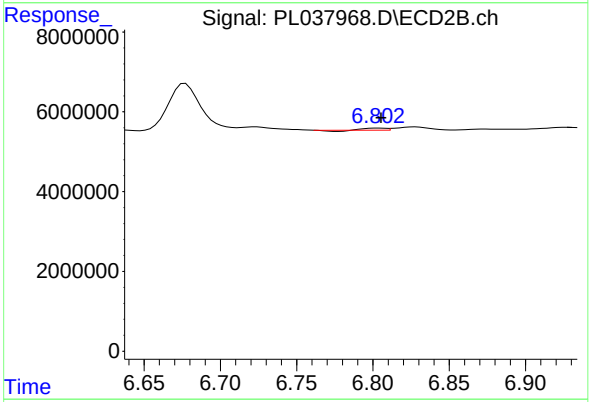
R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 117948354
Conc: 49.39 ng/ml




#15 Endosulfan II

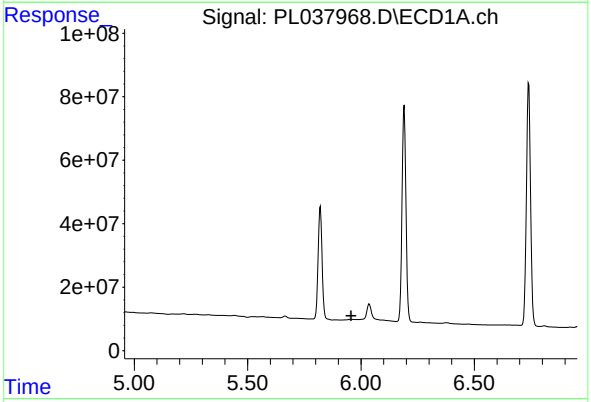
R.T.: 6.036 min
Delta R.T.: -0.060 min
Response: 65964579
Conc: 8.32 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



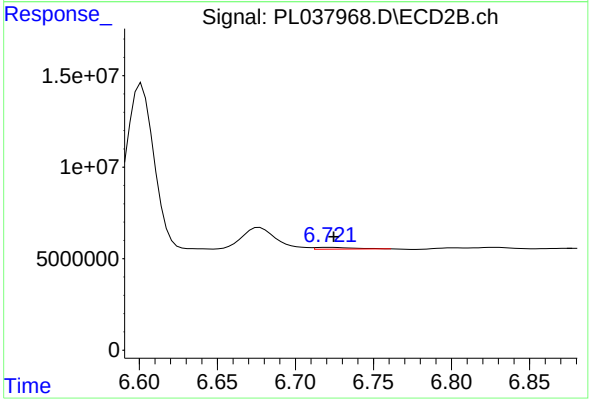

#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: -0.002 min
Response: 362042
Conc: 0.15 ng/ml



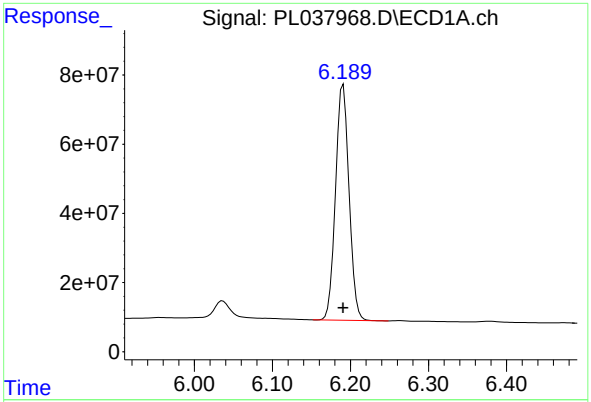

#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.956 min
Response: 0
Conc: N.D.




#16 4,4'-DDD

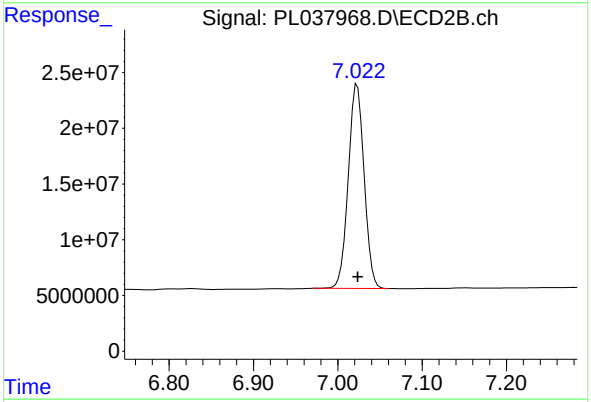
R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 1824290
Conc: 0.85 ng/ml




#17 4,4'-DDT

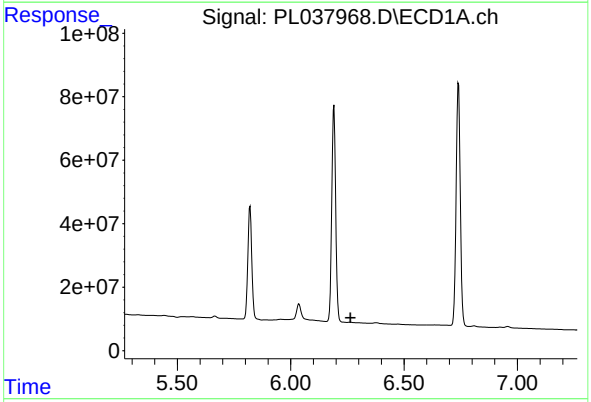
R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 819947624
Conc: 110.38 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



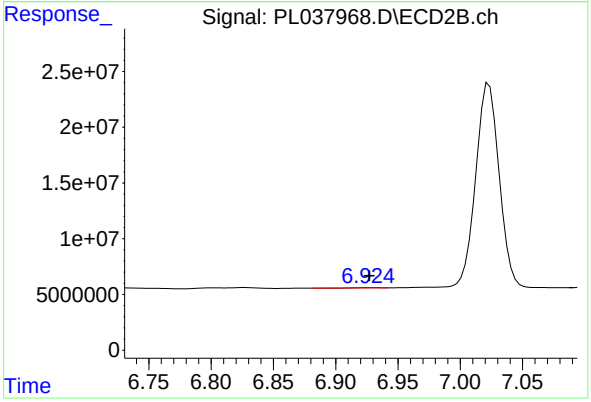

#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 239035608
Conc: 112.12 ng/ml



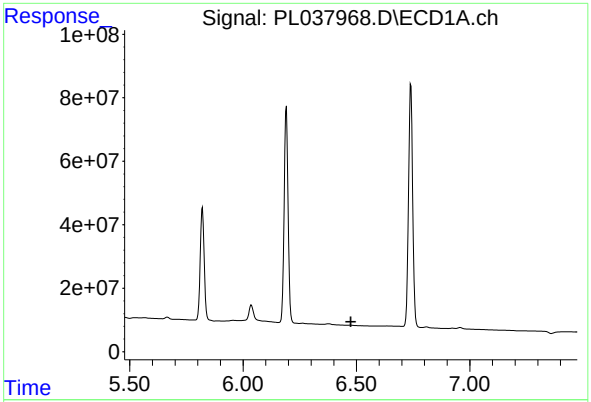

#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.264 min
Response: 0
Conc: N.D.




#18 Endrin aldehyde

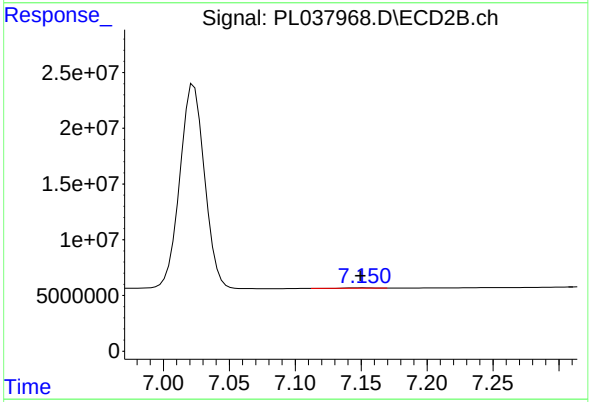
R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 241403
Conc: 0.12 ng/ml




#19 Endosulfan Sulfate

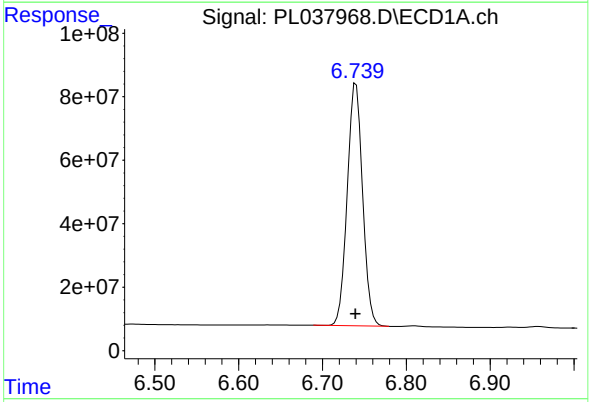
R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



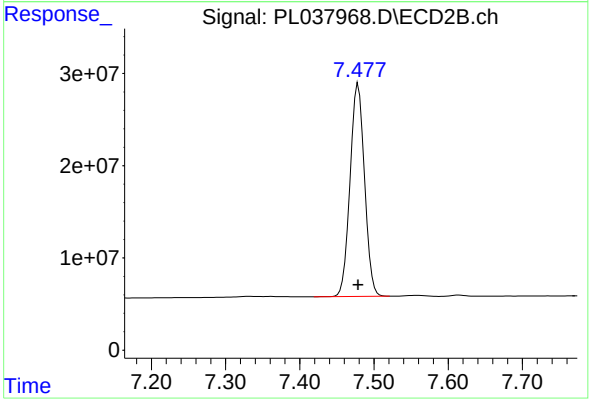

#19 Endosulfan Sulfate

R.T.: 7.151 min
Delta R.T.: 0.002 min
Response: 392411
Conc: 0.18 ng/ml



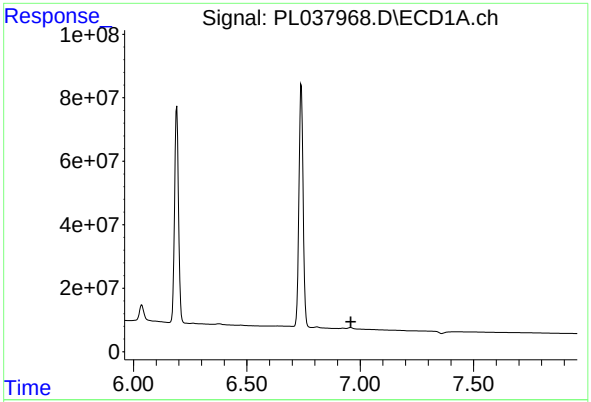

#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 974085202
Conc: 253.17 ng/ml




#20 Methoxychlor

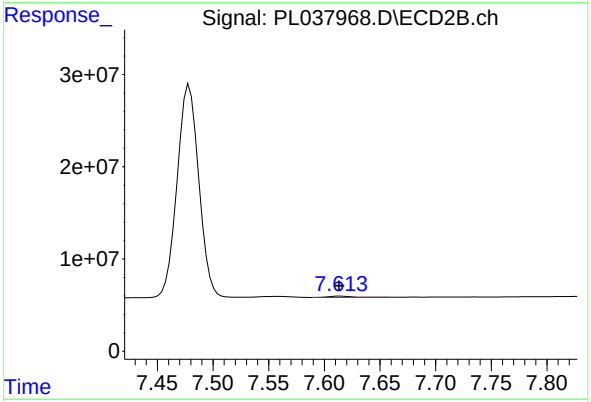
R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 312122050
Conc: 274.11 ng/ml




#21 Endrin ketone

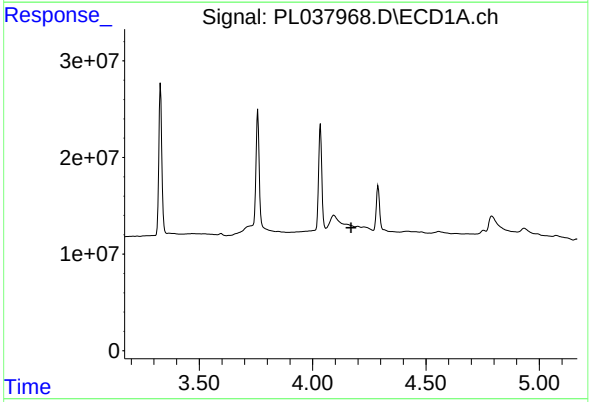
R.T.: 0.000 min
Exp R.T. : 6.958 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



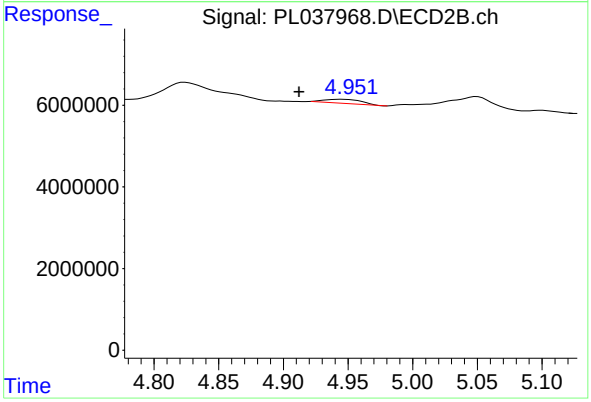

#21 Endrin ketone

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 1944732
Conc: 0.82 ng/ml



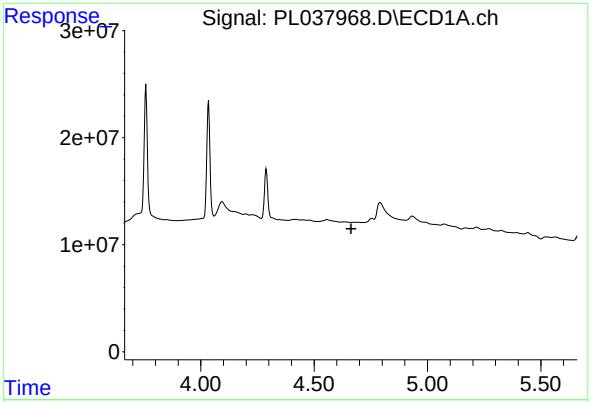

#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.169 min
Response: 0
Conc: N.D.




#23 Chlordane-1

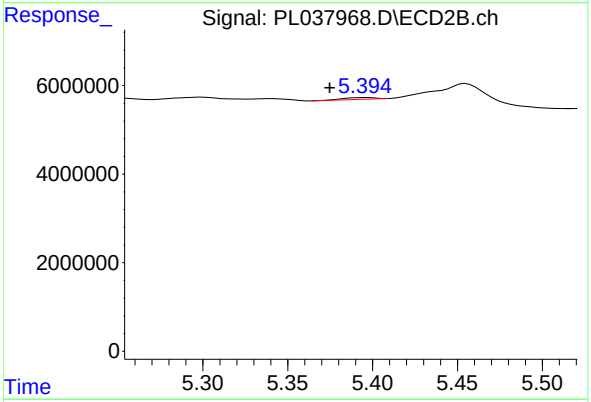
R.T.: 4.944 min
Delta R.T.: 0.032 min
Response: 1981795
Conc: 17.10 ng/ml




#24 Chlordane-2

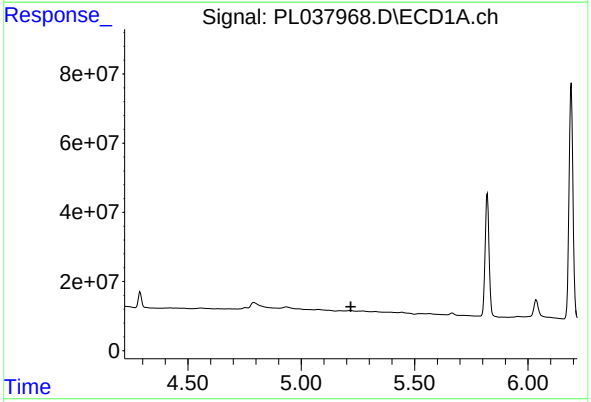
R.T.: 0.000 min
Exp R.T. : 4.663 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



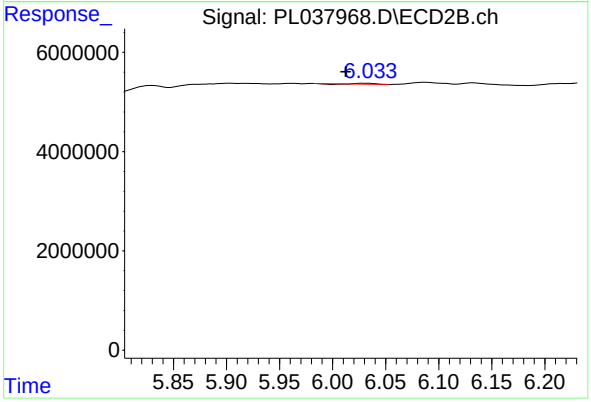

#24 Chlordane-2

R.T.: 5.396 min
Delta R.T.: 0.021 min
Response: 535945
Conc: 4.48 ng/ml



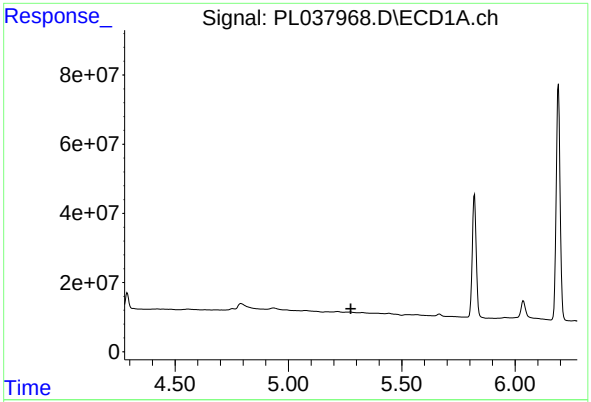

#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.219 min
Response: 0
Conc: N.D.




#25 Chlordane-3

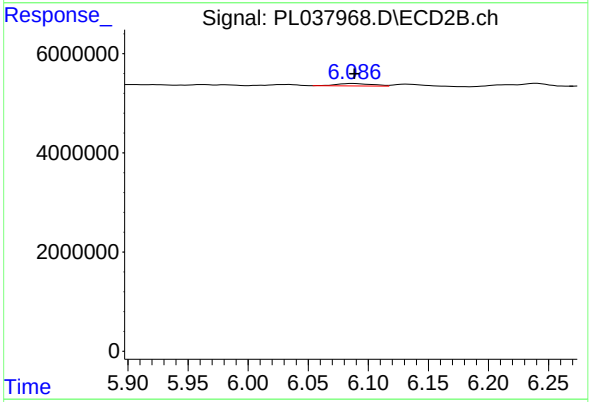
R.T.: 6.034 min
Delta R.T.: 0.022 min
Response: 130167
Conc: 0.32 ng/ml




#26 Chlordane-4

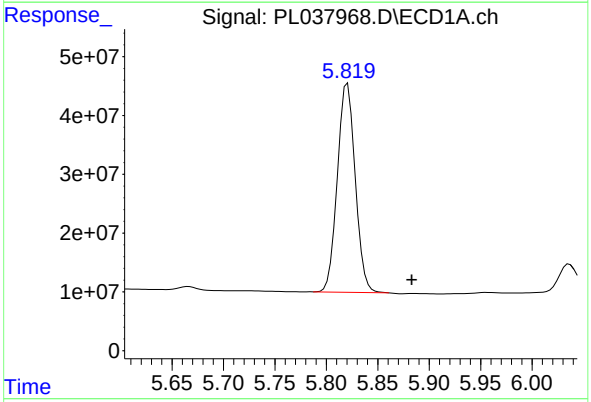
R.T.: 0.000 min
Exp R.T. : 5.275 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
PEM



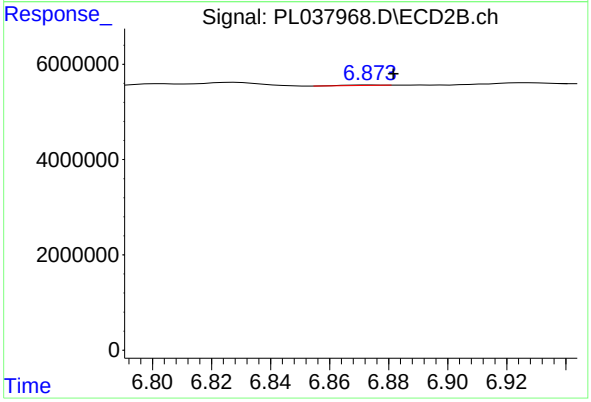

#26 Chlordane-4

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 1044431
Conc: 2.13 ng/ml



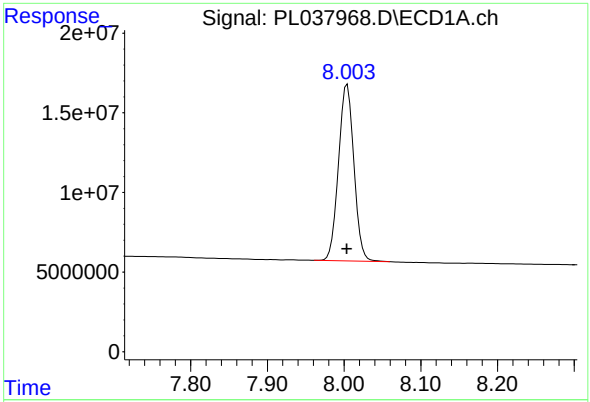

#27 Chlordane-5

R.T.: 5.821 min
Delta R.T.: -0.062 min
Response: 429688852
Conc: 2683.32 ng/ml




#27 Chlordane-5

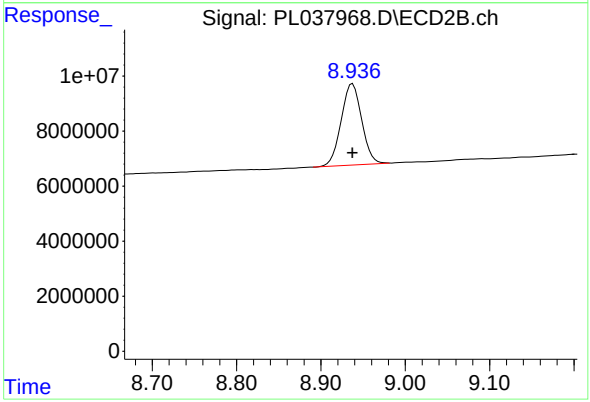
R.T.: 6.874 min
Delta R.T.: -0.007 min
Response: 100035
Conc: 1.12 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 155003904
Conc: 20.43 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
PEM




#28 Decachlorobiphenyl

R.T.: 8.938 min
Delta R.T.: 0.000 min
Response: 50194056
Conc: 20.53 ng/ml