Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082621\
Data File : PD065323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2021 09:21
Operator : AR\AJ
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 27 01:07:43 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082521.M
Quant Title : GC Extractables
QLast Update : Wed Aug 25 05:44:31 2021
Response via : Initial Calibration
Integrator: ChemStation

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... | 3.496 | 4.013 | 21845204 | 153.7E6 | 20.262 | 22.477 | |
| 28) | SA | Decachlor... | 8.238 | 9.083 | 29506171 | 100.5E6 | 21.745 | 23.204 | |
| | | Target Compounds | | | | | | | |
| 2) | A | alpha-BHC | 3.935 | 4.408 | 15542101 | 114.5E6 | 10.112 | 11.567 | |
| 3) | MA | gamma-BHC... | 4.218 | 4.694 | 15322656 | 105.4E6 | 10.089 | 11.712 | |
| 4) | MA | Heptachlor | 0.000 | 5.176f | 0 | 1416988 | N.D. | 0.167 | # |
| 6) | B | beta-BHC | 4.466 | 4.870 | 9294829 | 54228669 | 8.933 | 9.031 | |
| 12) | B | 4,4'-DDE | 0.000 | 6.357 | 0 | 1720347 | N.D. | 0.277 | # |
| 13) | MA | Dieldrin | 0.000 | 6.525f | 0 | 2006321 | N.D. | 0.317 | # |
| 14) | MA | Endrin | 6.045 | 6.727 | 58571848 | 296.7E6 | 48.888 | 55.241 | |
| 16) | A | 4,4'-DDD | 6.167 | 6.850 | 1129763 | 7627590 | 1.057 | 1.461 | # |
| 17) | MA | 4,4'-DDT | 6.407 | 7.147 | 109.5E6 | 534.5E6 | 94.553 | 99.406 | |
| 18) | B | Endrin al... | 0.000 | 7.066 | 0 | 736735 | N.D. | 0.174 | # |
| 20) | A | Methoxychlor | 6.953 | 7.607 | 149.3E6 | 636.3E6 | 212.530 | 227.797 | |
| 21) | B | Endrin ke... | 7.190 | 7.760 | 1968771 | 7341642 | 1.342 | 1.245 | |

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

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Acq On : 26 Aug 2021 09:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
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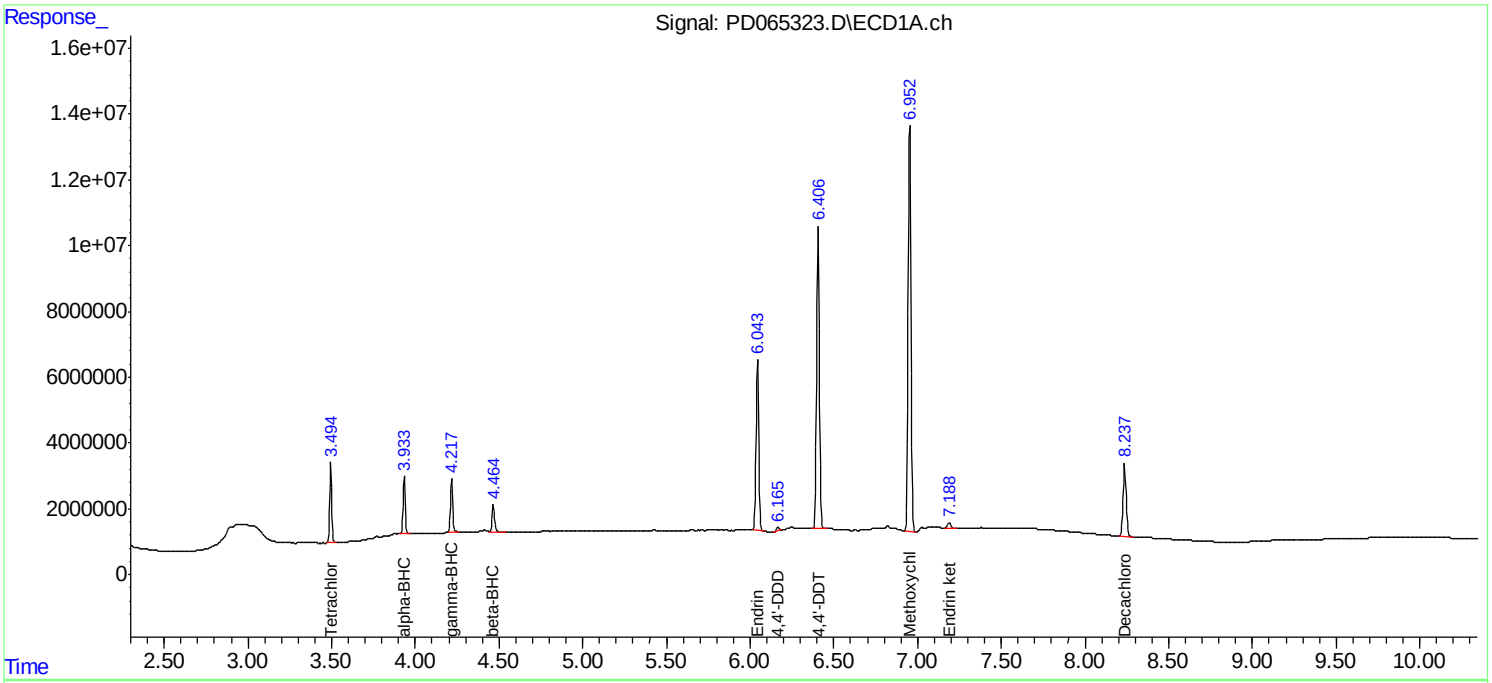
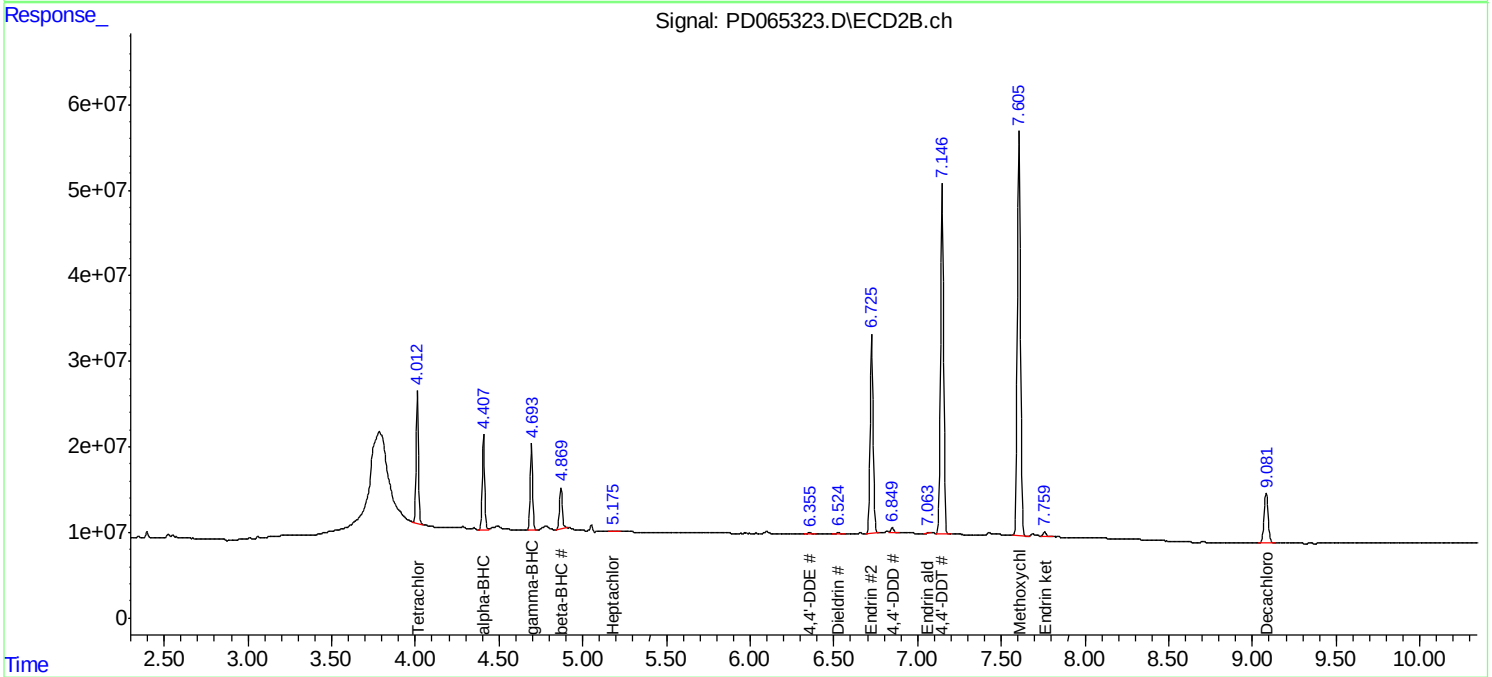
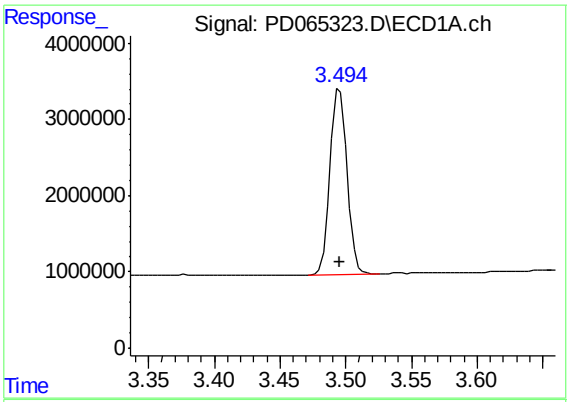
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



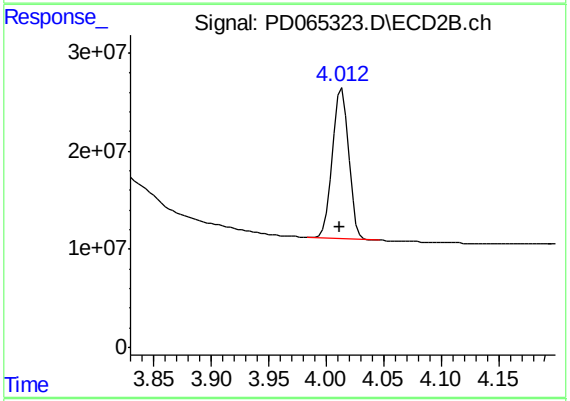






#1 Tetrachloro-m-xylene

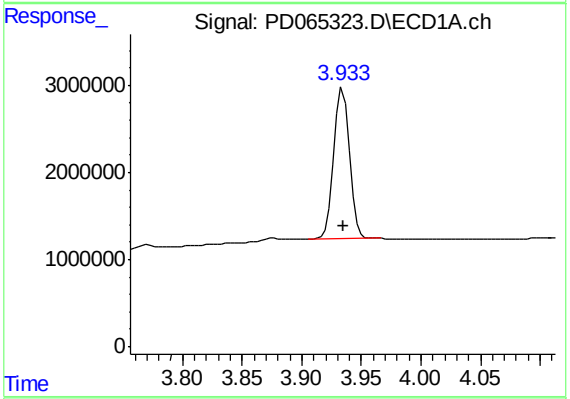
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 21845204
Conc: 20.26 ng/ml

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



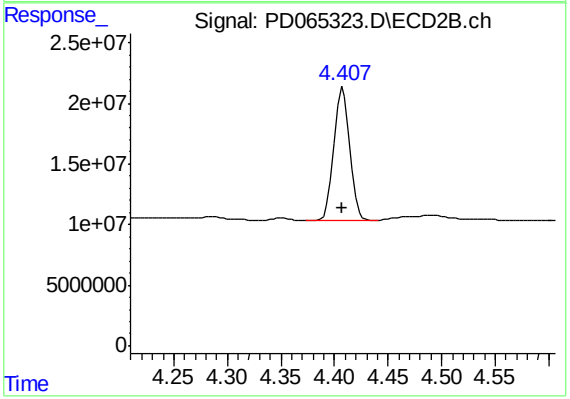

#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.001 min
Response: 153684391
Conc: 22.48 ng/ml



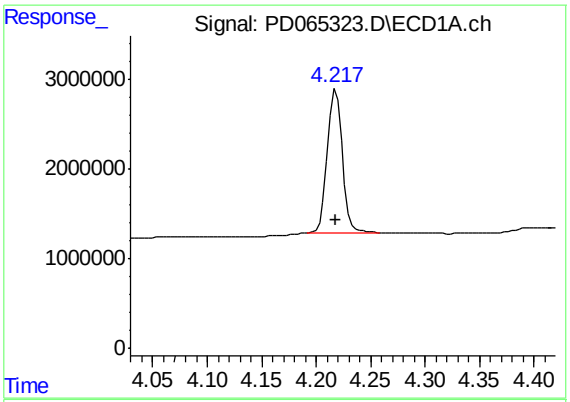

#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 15542101
Conc: 10.11 ng/ml




#2 alpha-BHC

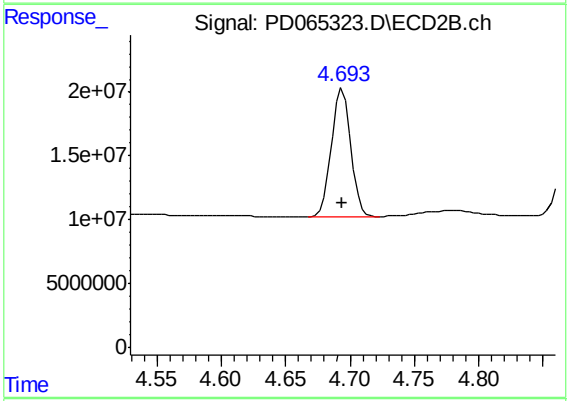
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 114473996
Conc: 11.57 ng/ml




#3 gamma-BHC (Lindane)

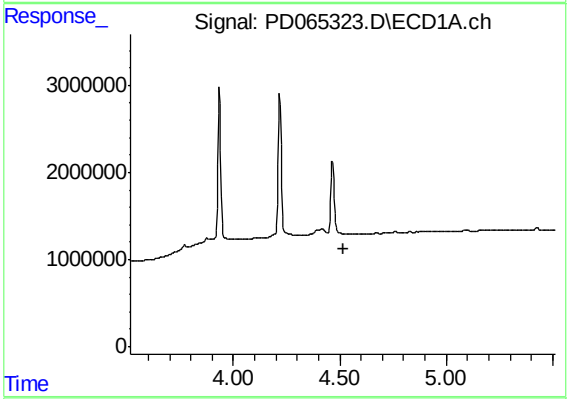
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 15322656
Conc: 10.09 ng/ml

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



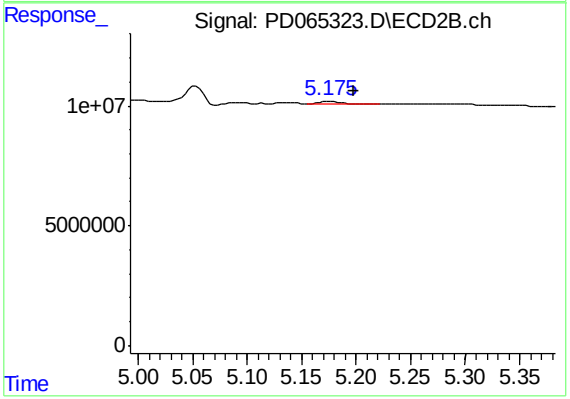

#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 105411250
Conc: 11.71 ng/ml



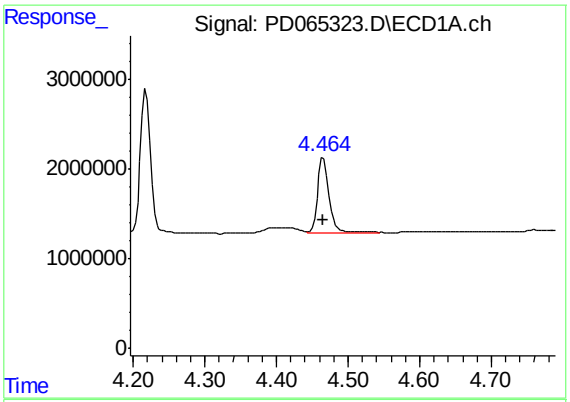

#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.516 min
Response: 0
Conc: N.D.




#4 Heptachlor

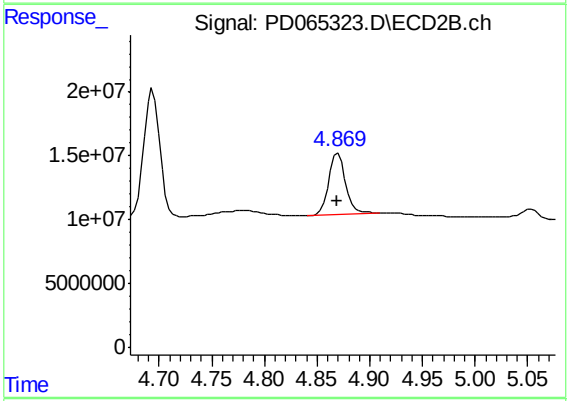
R.T.: 5.176 min
Delta R.T.: -0.021 min
Response: 1416988
Conc: 0.17 ng/ml




#6 beta-BHC

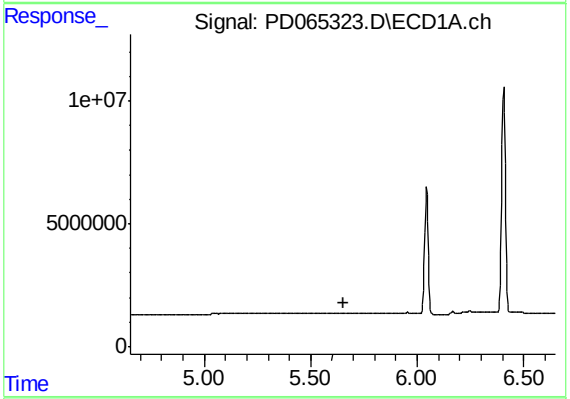
R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 9294829
Conc: 8.93 ng/ml

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



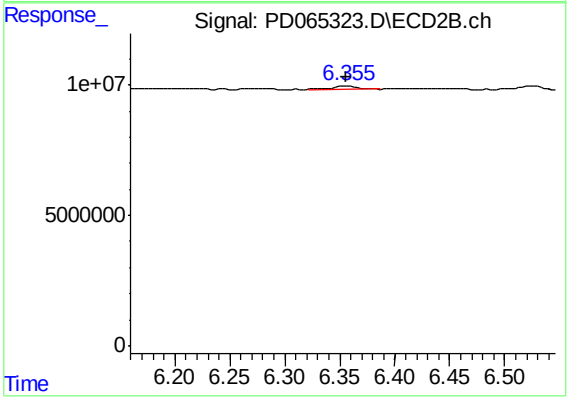

#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 54228669
Conc: 9.03 ng/ml



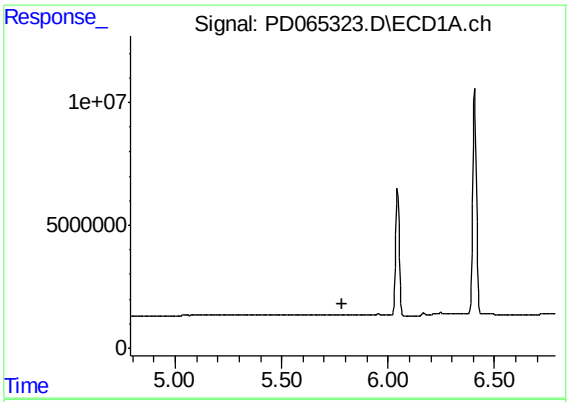

#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.653 min
Response: 0
Conc: N.D.




#12 4,4'-DDE

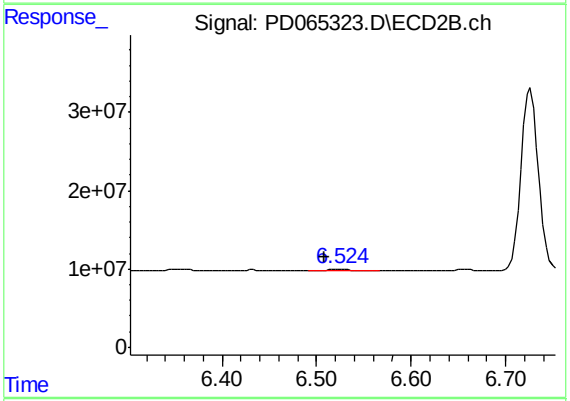
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 1720347
Conc: 0.28 ng/ml




#13 Dieldrin

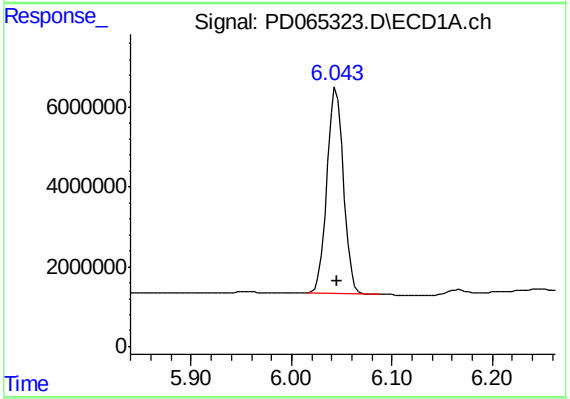
R.T.: 0.000 min
Exp R.T. : 5.788 min
Response: 0
Conc: N.D.

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



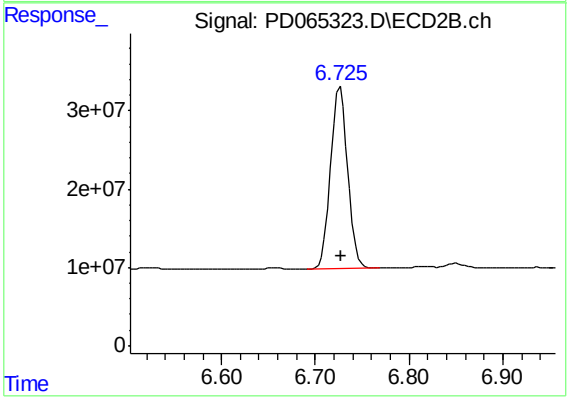

#13 Dieldrin

R.T.: 6.525 min
Delta R.T.: 0.018 min
Response: 2006321
Conc: 0.32 ng/ml



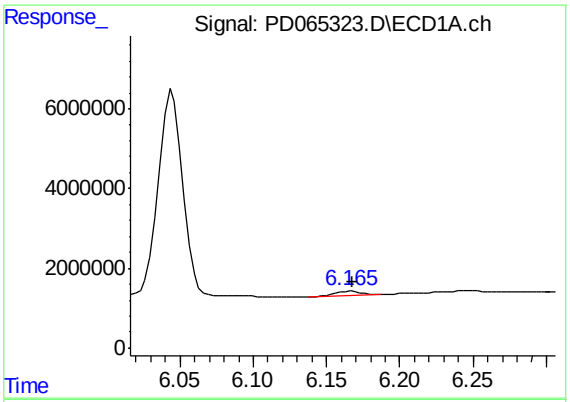

#14 Endrin

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 58571848
Conc: 48.89 ng/ml




#14 Endrin

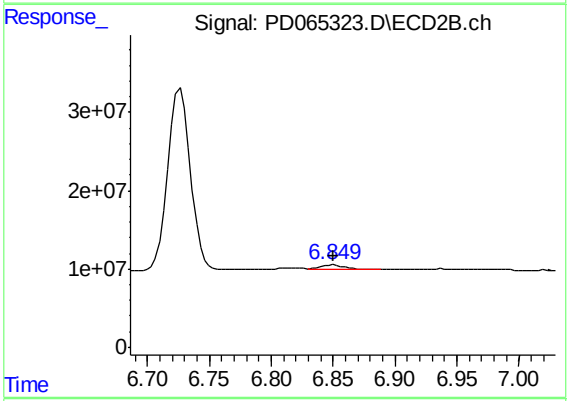
R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 296689177
Conc: 55.24 ng/ml




#16 4,4'-DDD

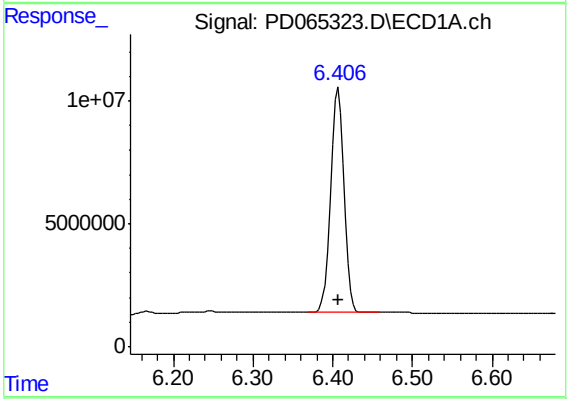
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 1129763
Conc: 1.06 ng/ml

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



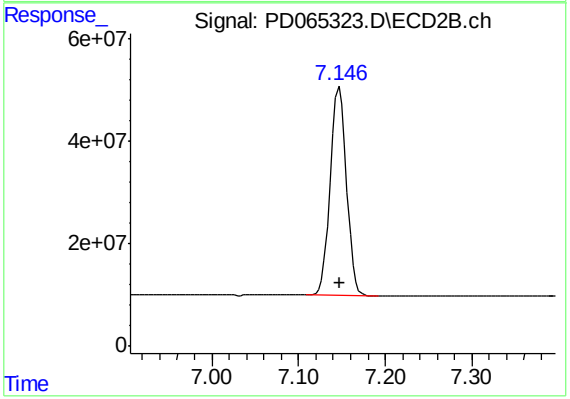

#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 7627590
Conc: 1.46 ng/ml



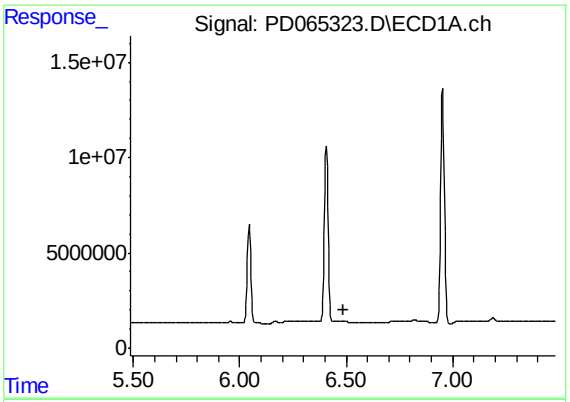

#17 4,4'-DDT

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 109511600
Conc: 94.55 ng/ml




#17 4,4'-DDT

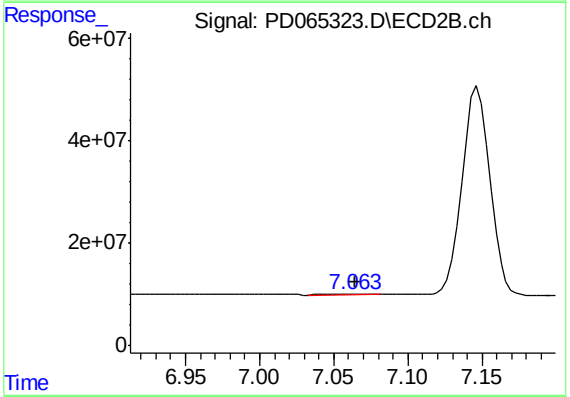
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 534488568
Conc: 99.41 ng/ml




#18 Endrin aldehyde

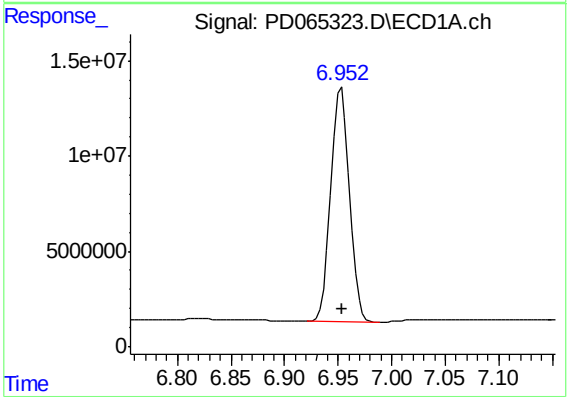
R.T.: 0.000 min
Exp R.T. : 6.486 min
Response: 0
Conc: N.D.

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



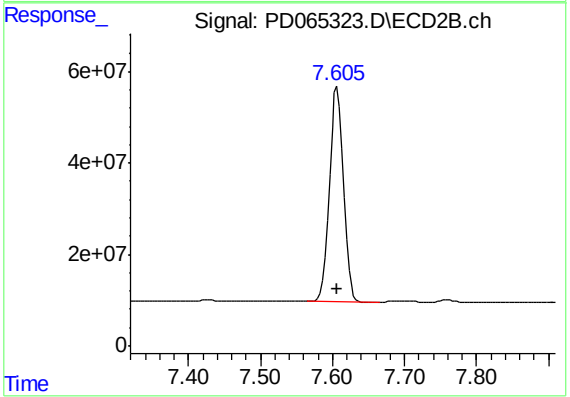

#18 Endrin aldehyde

R.T.: 7.066 min
Delta R.T.: 0.001 min
Response: 736735
Conc: 0.17 ng/ml



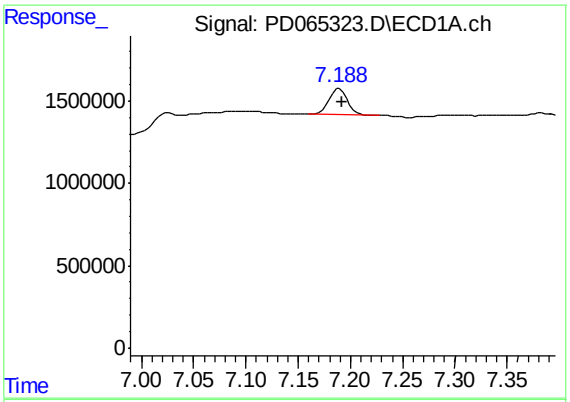

#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 149282114
Conc: 212.53 ng/ml




#20 Methoxychlor

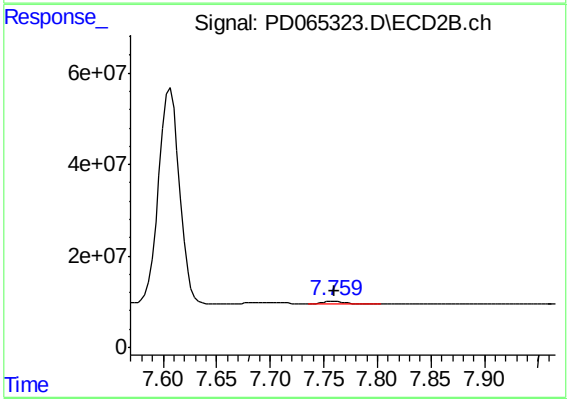
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 636290728
Conc: 227.80 ng/ml




#21 Endrin ketone

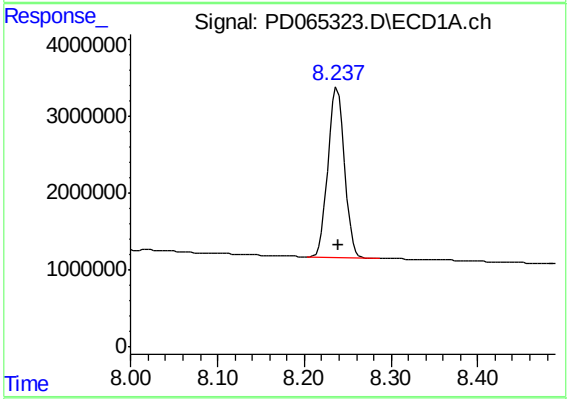
R.T.: 7.190 min
Delta R.T.: -0.002 min
Response: 1968771
Conc: 1.34 ng/ml

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



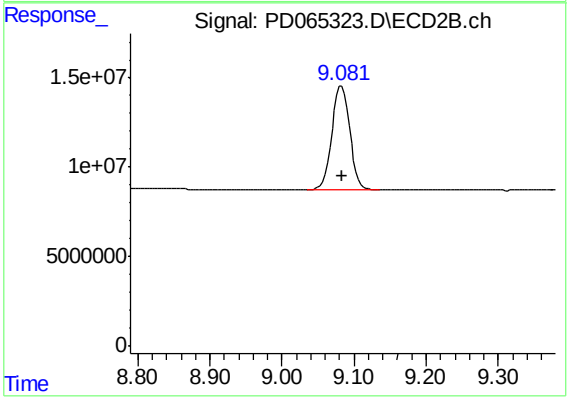

#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 7341642
Conc: 1.25 ng/ml




#28 Decachlorobiphenyl

R.T.: 8.238 min
Delta R.T.: -0.001 min
Response: 29506171
Conc: 21.74 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 100487634
Conc: 23.20 ng/ml