Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102219\
Data File : PD055493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2019 10:34
Operator : SG\AJ
Sample : PEM49
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** ECD_D
**ClientSampleId :** PEM49

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:11:18 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 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 x 0.50µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml | |
|---|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | | |
| 1) | SA Tetrachlo... | 3.289 | 3.963 | 15501081 | 21894190 | 17.386 | 16.262 | |
| 27) | SA Decachlor... | 7.966 | 8.997 | 15938741 | 22857183 | 17.407 | 17.518 | |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.716 | 4.349 | 10867833 | 15764023 | 8.654 | 8.103 | |
| 3) | MA gamma-BHC... | 3.991 | 4.631 | 10373742 | 14689847 | 8.754 | 7.967 | |
| 4) | MA Heptachlor | 4.241f | 0.000 | 4727220 | 0 | 5.195 | N.D. | # |
| 6) | B beta-BHC | 4.241 | 4.800 | 4727220 | 7255574 | 8.893 | 8.206 | |
| 8) | B Heptachlo... | 0.000 | 5.859 | 0 | 667783 | N.D. | 0.391 | |
| 9) | A Endosulfan I | 0.000 | 6.163 | 0 | 31303 | N.D. | <MDL | |
| 10) | B trans-Chl... | 0.000 | 6.119f | 0 | 395383 | N.D. | 0.224 | |
| 11) | B cis-Chlor... | 0.000 | 6.119 | 0 | 395383 | N.D. | 0.230 | |
| 12) | B 4,4'-DDE | 0.000 | 6.287 | 0 | 272664 | N.D. | 0.162 | |
| 13) | MA Dieldrin | 0.000 | 6.470 | 0 | 599240 | N.D. | 0.331 | |
| 14) | MA Endrin | 5.778 | 6.654 | 43523348 | 62137011 | 48.591 | 44.486 | |
| 15) | B Endosulfa... | 0.000 | 6.868 | 0 | 508294 | N.D. | 0.327 | |
| 16) | A 4,4'-DDD | 0.000 | 6.777 | 0 | 401077 | N.D. | 0.280 | |
| 17) | MA 4,4'-DDT | 6.148 | 7.073 | 73004570 | 125.3E6 | 107.678 | 92.412 | |
| 18) | B Endrin al... | 0.000 | 6.987 | 0 | 63552 | N.D. | <MDL | |
| 20) | A Methoxychlor | 6.697 | 7.529 | 94387046 | 168.6E6 | 258.829 | 218.690 | |
| 21) | B Endrin ke... | 0.000 | 7.678 | 0 | 724311 | N.D. | 0.452 | |
| 22) | Toxaphene-1 | 0.000 | 6.287 | 0 | 272664 | N.D. | 34.918 | |
| 23) | Toxaphene-2 | 0.000 | 6.654 | 0 | 62137011 | N.D. | 6379.985 | |
| 24) | Toxaphene-3 | 0.000 | 7.026 | 0 | 123420 | N.D. | 9.100 | |
| 25) | Toxaphene-4 | 6.148 | 7.073 | 73004570 | 125.3E6 | 4779.792 | 3250.751 | # |
| 26) | Toxaphene-5 | 0.000 | 7.615 | 0 | 617892 | N.D. | 34.052 | |

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

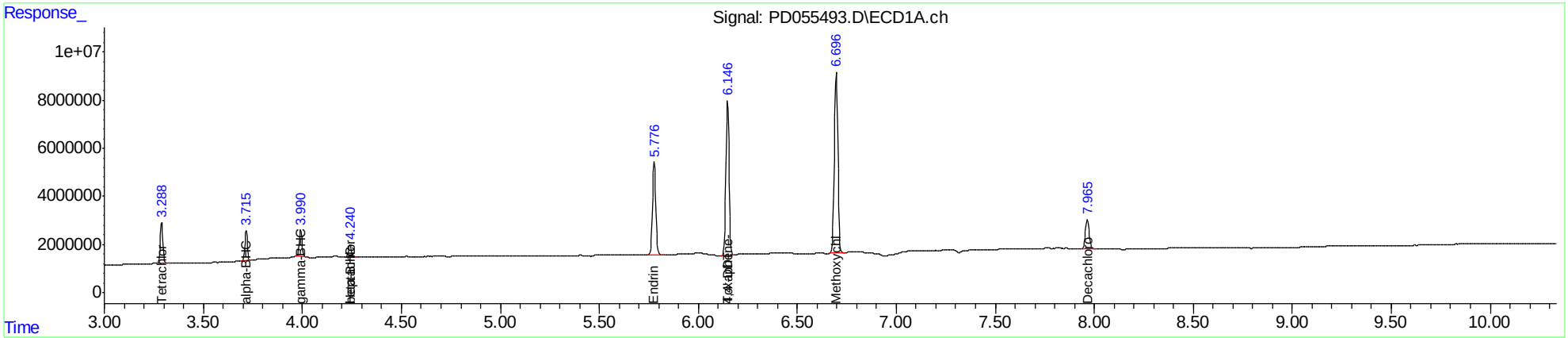
Quantitation Report (Not Reviewed)

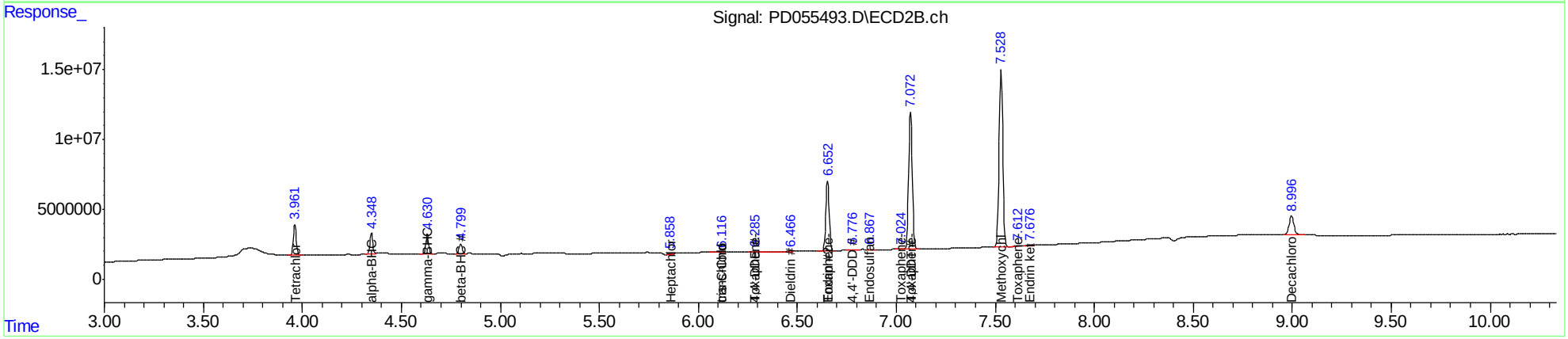
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102219\
Data File : PD055493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2019 10:34
Operator : SG\AJ
Sample : PEM49
Misc :
ALS Vial : 3 Sample Multiplier: 1

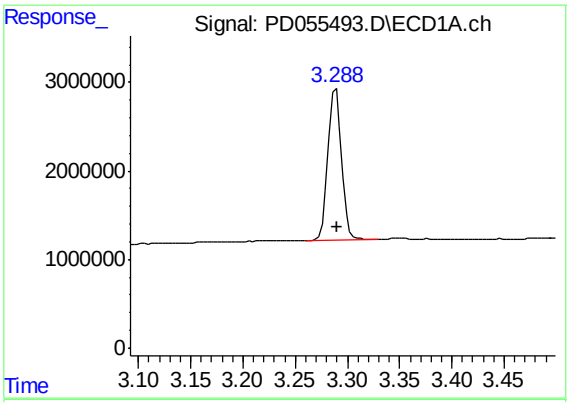
**Instrument :**
ECD_D
**ClientSampleId :**
PEM49

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 23 01:11:18 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101819CLP.M
Quant Title : GC Extractables
QLast Update : Sat Oct 19 00:42:03 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 x 0.50µm



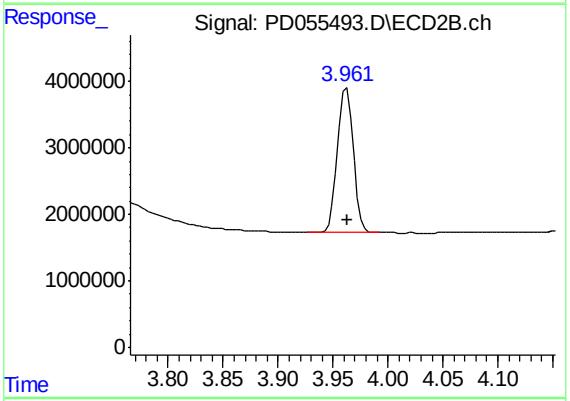






#1 Tetrachloro-m-xylene

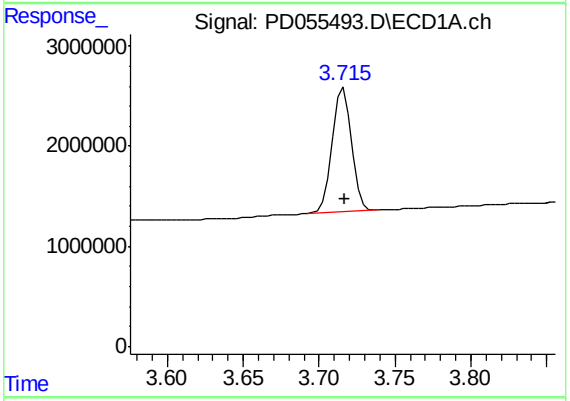
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 15501081
Conc: 17.39 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



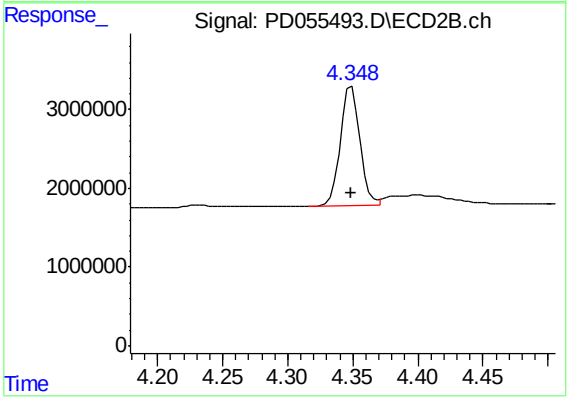

#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 21894190
Conc: 16.26 ng/ml



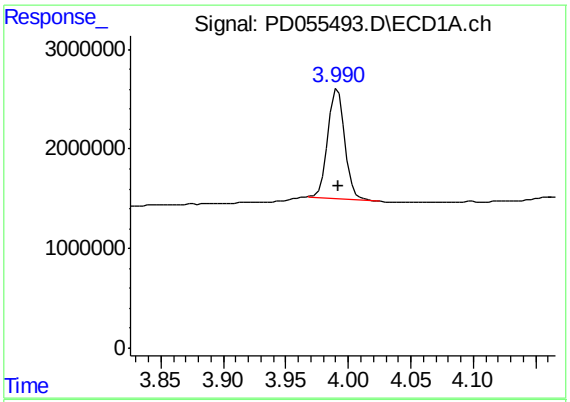

#2 alpha-BHC

R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 10867833
Conc: 8.65 ng/ml




#2 alpha-BHC

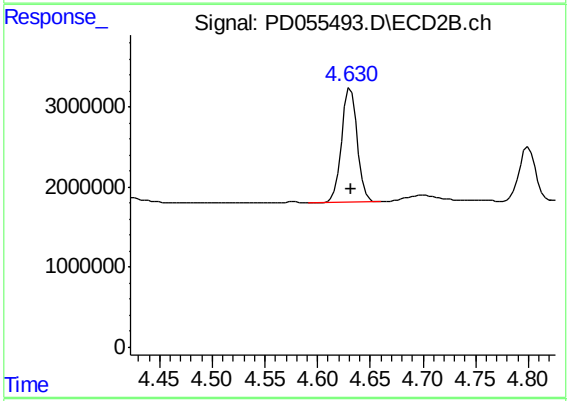
R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 15764023
Conc: 8.10 ng/ml




#3 gamma-BHC (Lindane)

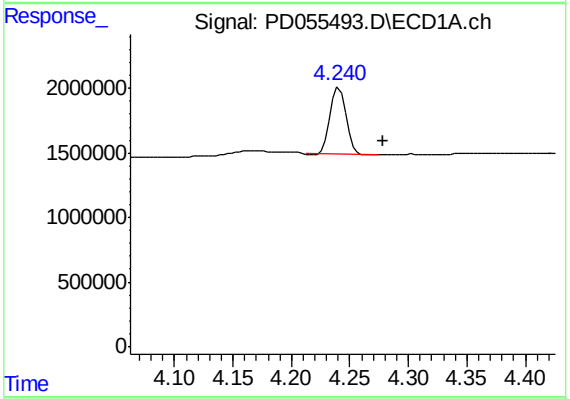
R.T.: 3.991 min
Delta R.T.: -0.001 min
Response: 10373742
Conc: 8.75 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



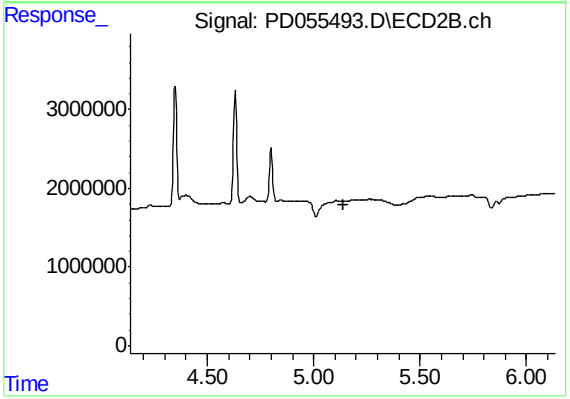

#3 gamma-BHC (Lindane)

R.T.: 4.631 min
Delta R.T.: 0.000 min
Response: 14689847
Conc: 7.97 ng/ml



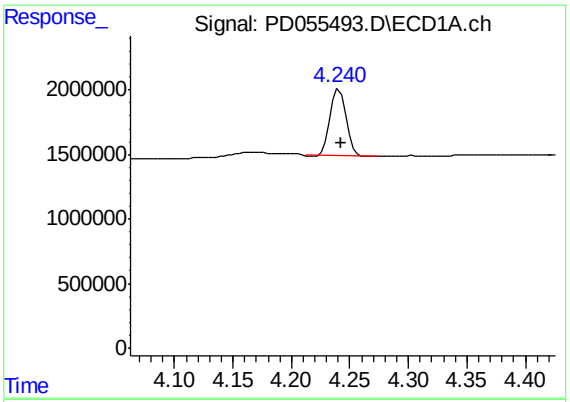

#4 Heptachlor

R.T.: 4.241 min
Delta R.T.: -0.038 min
Response: 4727220
Conc: 5.20 ng/ml




#4 Heptachlor

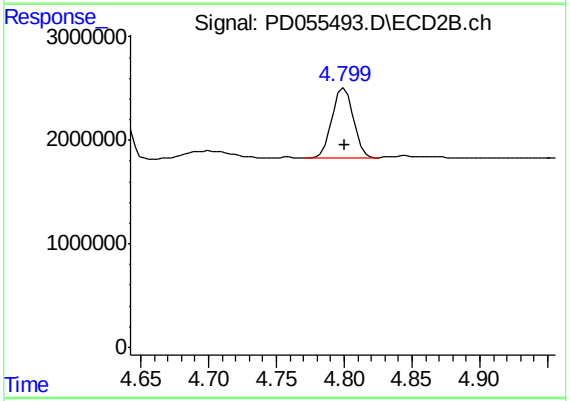
R.T.: 0.000 min
Exp R.T. : 5.139 min
Response: 0
Conc: N.D.




#6 beta-BHC

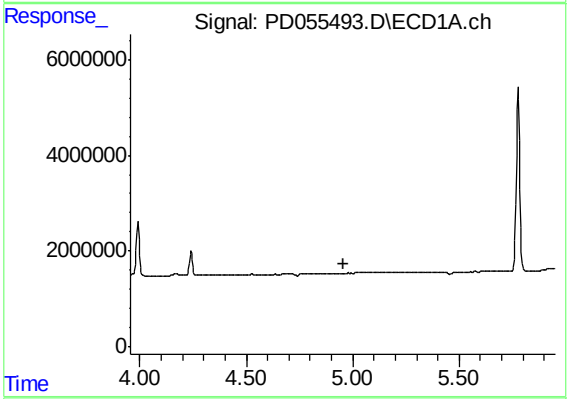
R.T.: 4.241 min
Delta R.T.: -0.001 min
Response: 4727220
Conc: 8.89 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



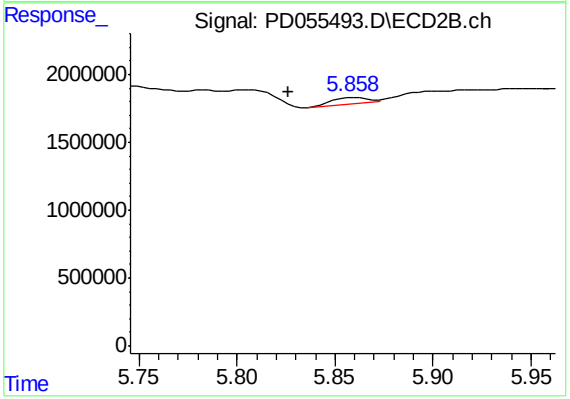

#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 7255574
Conc: 8.21 ng/ml



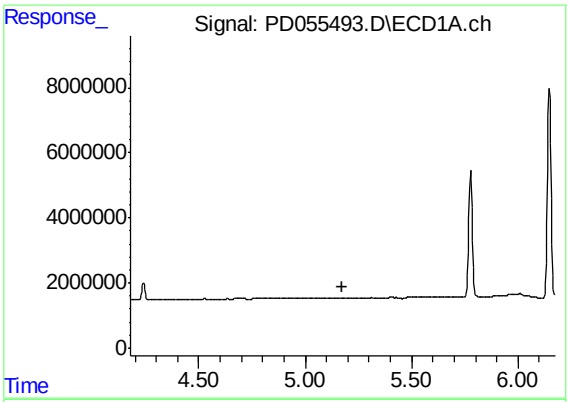

#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.955 min
Response: 0
Conc: N.D.




#8 Heptachlor epoxide

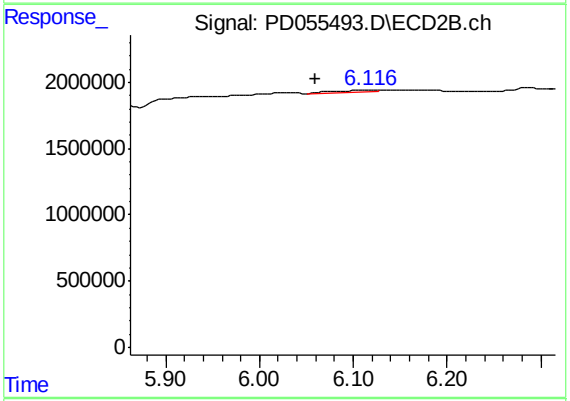
R.T.: 5.859 min
Delta R.T.: 0.033 min
Response: 667783
Conc: 0.39 ng/ml




#10 trans-Chlordane

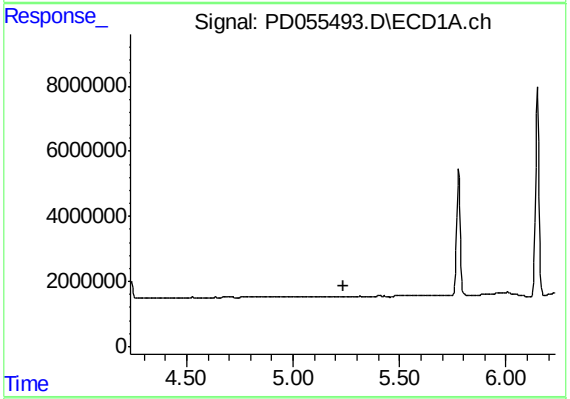
R.T.: 0.000 min
Exp R.T. : 5.177 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



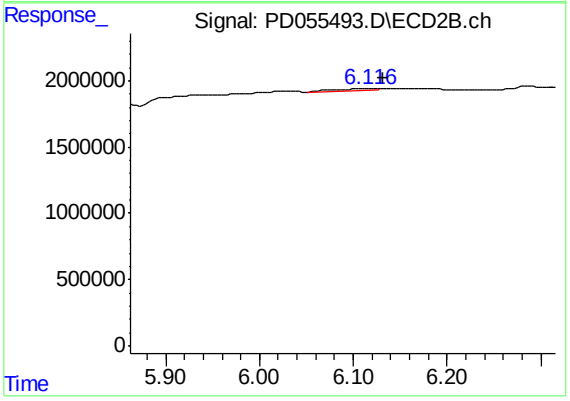

#10 trans-Chlordane

R.T.: 6.119 min
Delta R.T.: 0.059 min
Response: 395383
Conc: 0.22 ng/ml



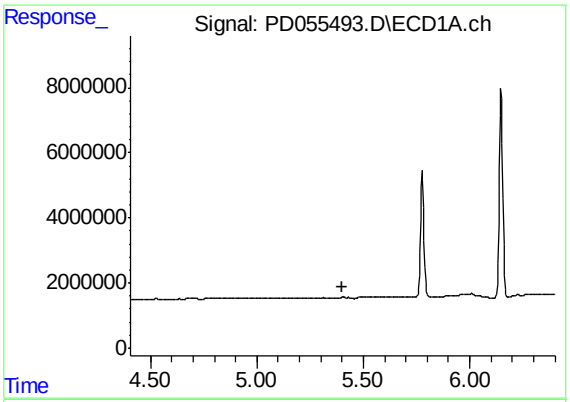

#11 cis-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.234 min
Response: 0
Conc: N.D.




#11 cis-Chlordane

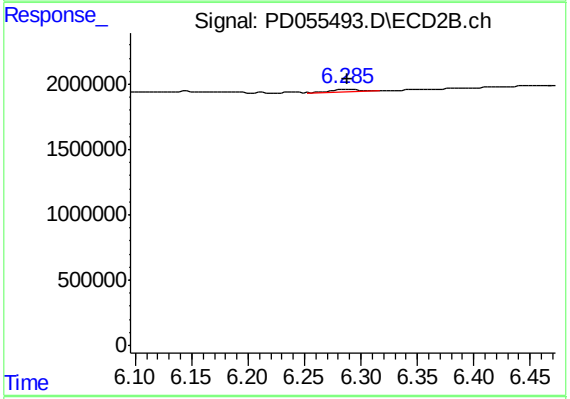
R.T.: 6.119 min
Delta R.T.: -0.013 min
Response: 395383
Conc: 0.23 ng/ml




#12 4,4'-DDE

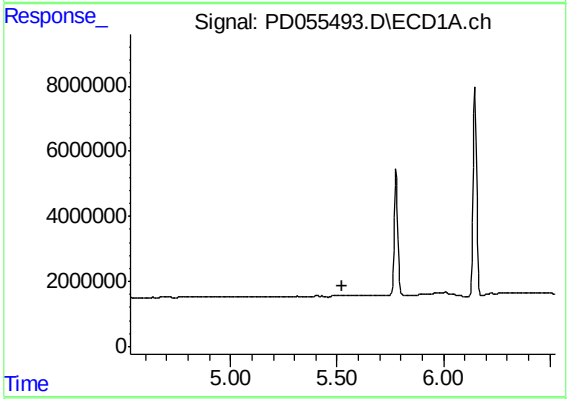
R.T.: 0.000 min
Exp R.T. : 5.402 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



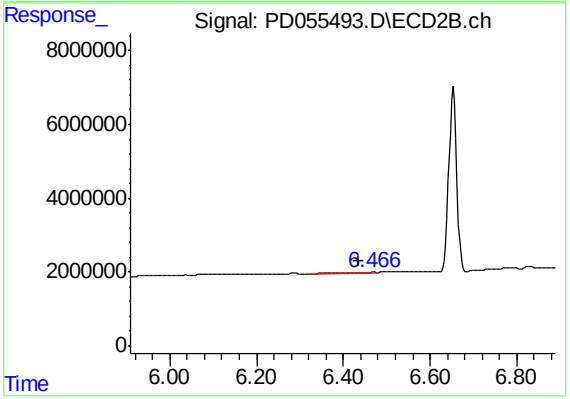

#12 4,4'-DDE

R.T.: 6.287 min
Delta R.T.: -0.001 min
Response: 272664
Conc: 0.16 ng/ml



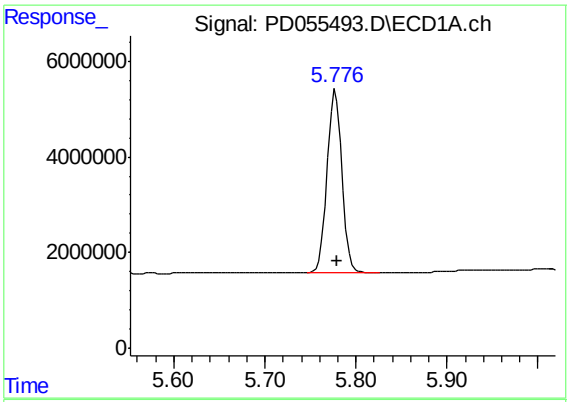

#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.526 min
Response: 0
Conc: N.D.




#13 Dieldrin

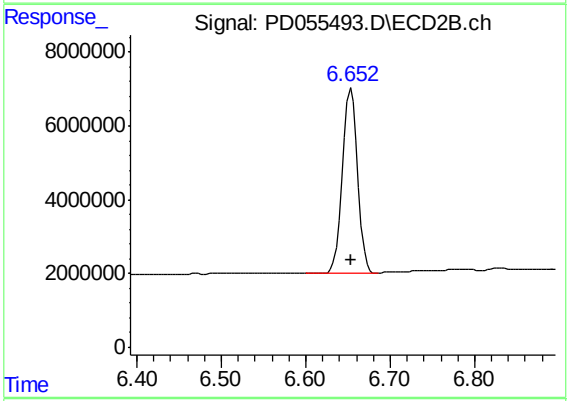
R.T.: 6.470 min
Delta R.T.: 0.033 min
Response: 599240
Conc: 0.33 ng/ml




#14 Endrin

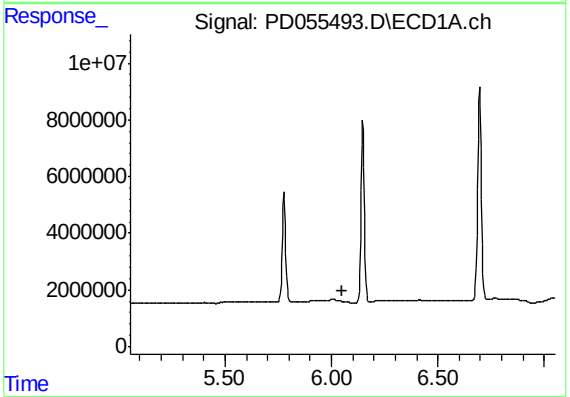
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 43523348
Conc: 48.59 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



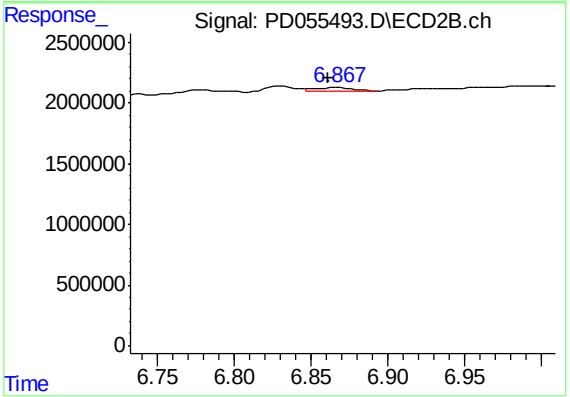

#14 Endrin

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 62137011
Conc: 44.49 ng/ml



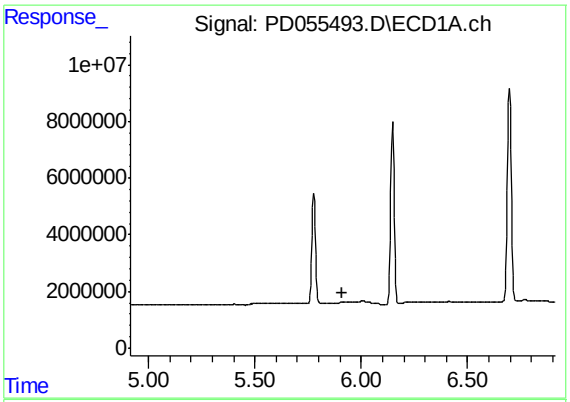

#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.053 min
Response: 0
Conc: N.D.




#15 Endosulfan II

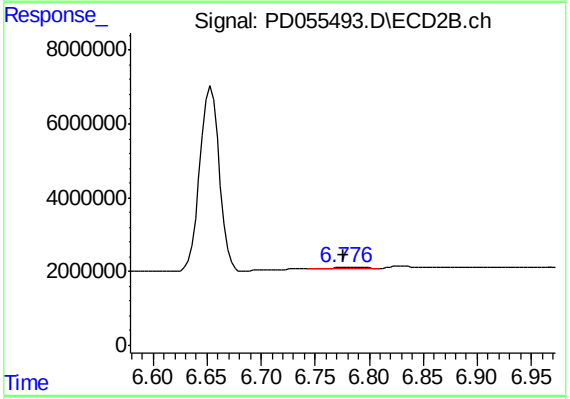
R.T.: 6.868 min
Delta R.T.: 0.007 min
Response: 508294
Conc: 0.33 ng/ml




#16 4,4'-DDD

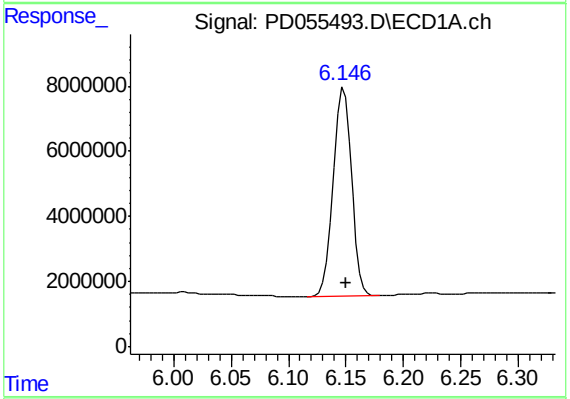
R.T.: 0.000 min
Exp R.T. : 5.914 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



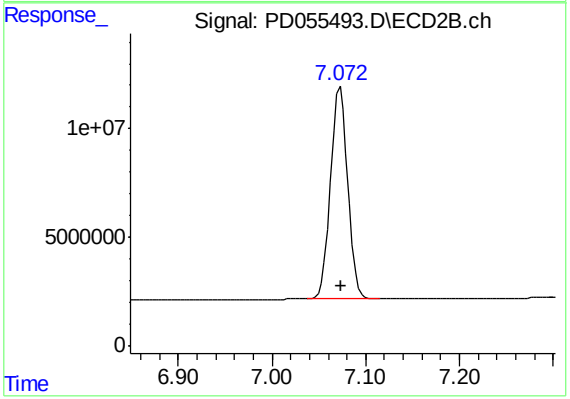

#16 4,4'-DDD

R.T.: 6.777 min
Delta R.T.: 0.002 min
Response: 401077
Conc: 0.28 ng/ml



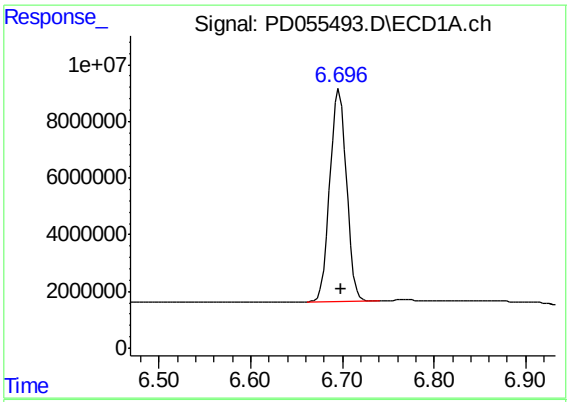

#17 4,4'-DDT

R.T.: 6.148 min
Delta R.T.: -0.002 min
Response: 73004570
Conc: 107.68 ng/ml




#17 4,4'-DDT

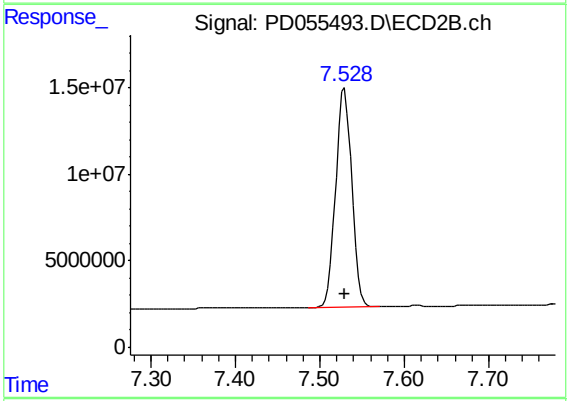
R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 125256367
Conc: 92.41 ng/ml




#20 Methoxychlor

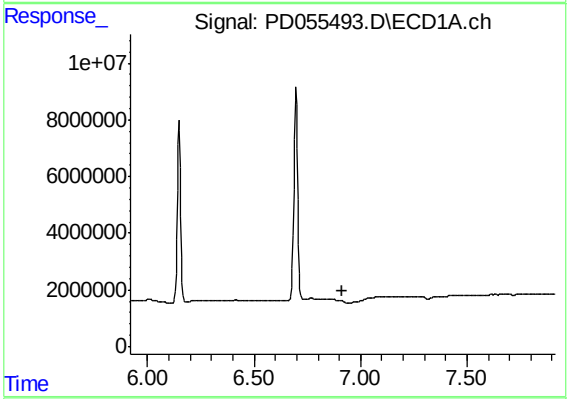
R.T.: 6.697 min
Delta R.T.: -0.002 min
Response: 94387046
Conc: 258.83 ng/ml

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



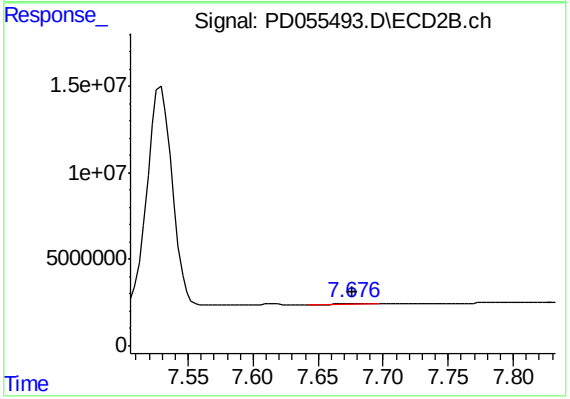

#20 Methoxychlor

R.T.: 7.529 min
Delta R.T.: -0.001 min
Response: 168594675
Conc: 218.69 ng/ml



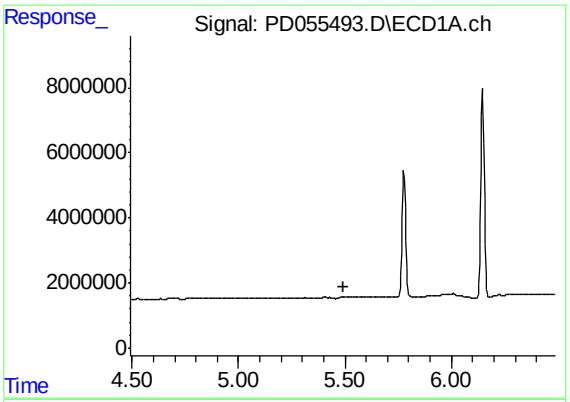

#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.916 min
Response: 0
Conc: N.D.




#21 Endrin ketone

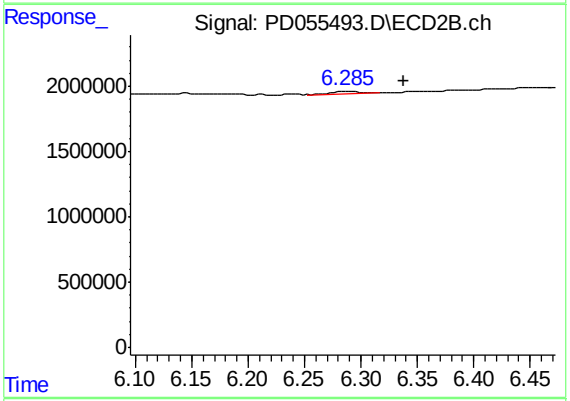
R.T.: 7.678 min
Delta R.T.: 0.002 min
Response: 724311
Conc: 0.45 ng/ml




#22 Toxaphene-1

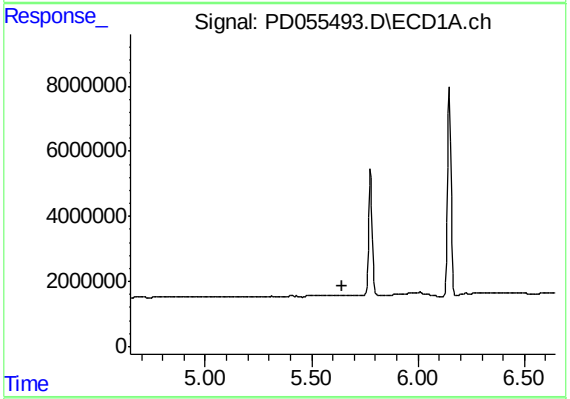
R.T.: 0.000 min
Exp R.T. : 5.491 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



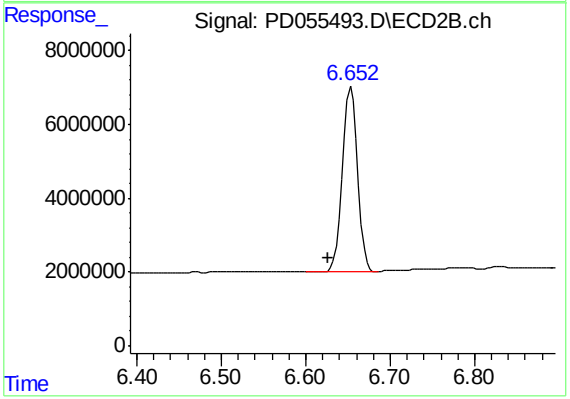

#22 Toxaphene-1

R.T.: 6.287 min
Delta R.T.: -0.052 min
Response: 272664
Conc: 34.92 ng/ml



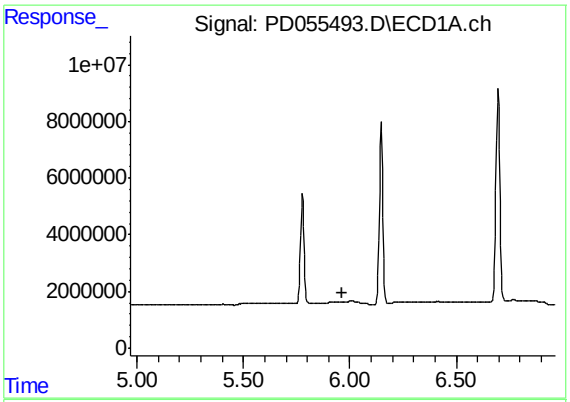

#23 Toxaphene-2

R.T.: 0.000 min
Exp R.T. : 5.646 min
Response: 0
Conc: N.D.




#23 Toxaphene-2

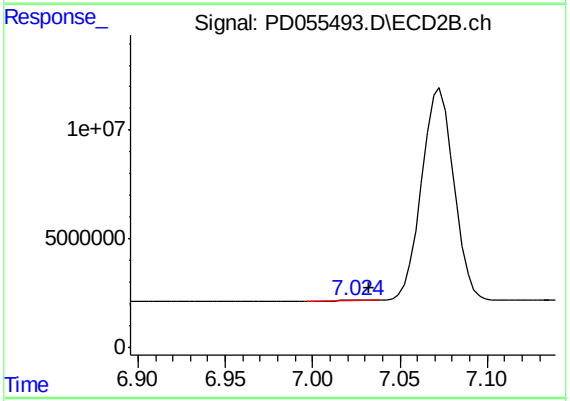
R.T.: 6.654 min
Delta R.T.: 0.027 min
Response: 62137011
Conc: 6379.98 ng/ml




#24 Toxaphene-3

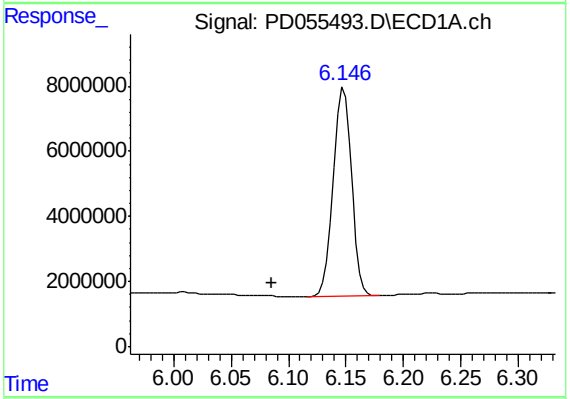
R.T.: 0.000 min
Exp R.T. : 5.966 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



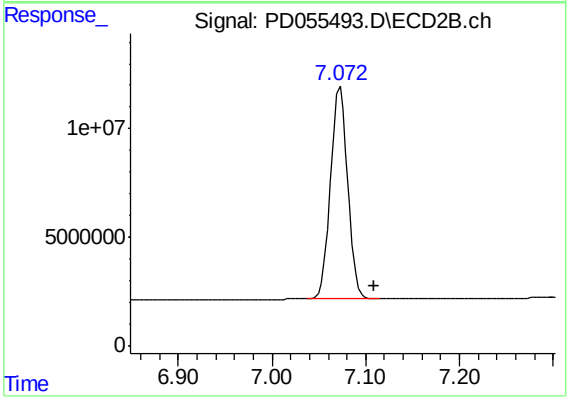

#24 Toxaphene-3

R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 123420
Conc: 9.10 ng/ml



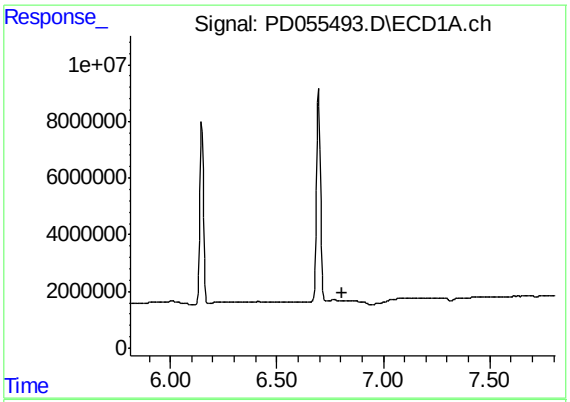

#25 Toxaphene-4

R.T.: 6.148 min
Delta R.T.: 0.062 min
Response: 73004570
Conc: 4779.79 ng/ml




#25 Toxaphene-4

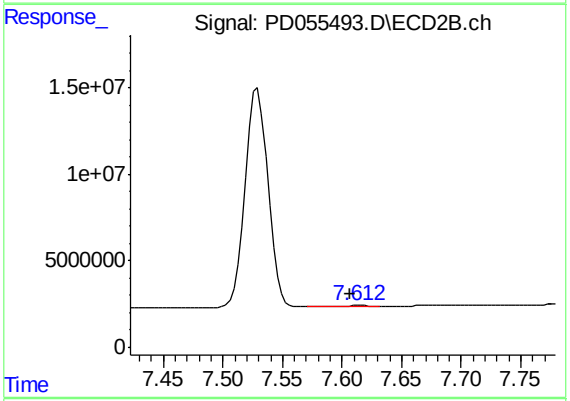
R.T.: 7.073 min
Delta R.T.: -0.036 min
Response: 125256367
Conc: 3250.75 ng/ml




#26 Toxaphene-5

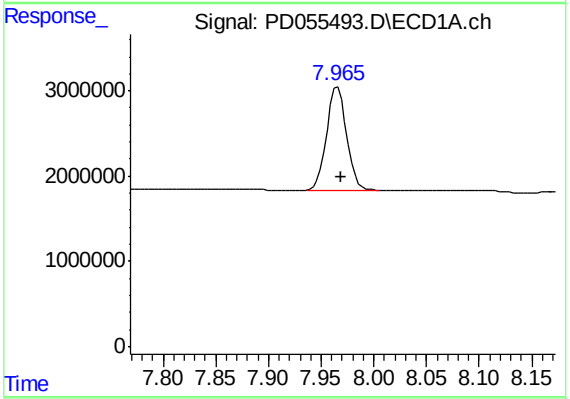
R.T.: 0.000 min
Exp R.T. : 6.810 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_D
**ClientSampleId :**
PEM49



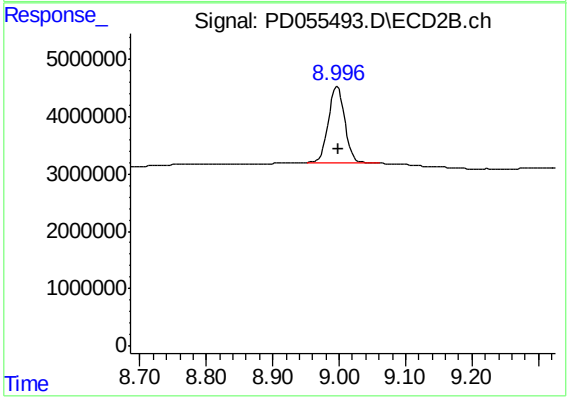

#26 Toxaphene-5

R.T.: 7.615 min
Delta R.T.: 0.008 min
Response: 617892
Conc: 34.05 ng/ml




#27 Decachlorobiphenyl

R.T.: 7.966 min
Delta R.T.: -0.003 min
Response: 15938741
Conc: 17.41 ng/ml




#27 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.001 min
Response: 22857183
Conc: 17.52 ng/ml