Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080420\
Data File : PL060490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2020 09:35
Operator : DD\AJ
Sample : PB130682BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 11:21:32 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL073020.M
Quant Title : GC Extractables
QLast Update : Thu Jul 30 04:13:43 2020
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... | 3.463 | 4.011 | 36763684 | 53243481 | 18.446 | 20.356 | |
| 28) | SA | Decachlor... | 8.221 | 9.101 | 33678197 | 38726456 | 22.068 | 21.531 | |
| | | Target Compounds | | | | | | | |
| 2) | A | alpha-BHC | 3.901 | 4.401 | 141.5E6 | 200.4E6 | 48.515 | 52.362 | |
| 3) | MA | gamma-BHC... | 4.184 | 4.686 | 121.9E6 | 181.9E6 | 48.020 | 50.520 | |
| 4) | MA | Heptachlor | 4.487 | 5.197 | 113.3E6 | 179.6E6 | 48.625 | 52.757 | |
| 5) | MB | Aldrin | 4.735 | 5.503 | 98697328 | 163.3E6 | 49.792 | 53.208 | |
| 6) | B | beta-BHC | 4.435 | 4.857 | 52560986 | 83856402 | 51.826 | 55.766 | |
| 7) | B | delta-BHC | 4.640 | 5.074 | 100.2E6 | 139.8E6 | 44.188 | 55.217 | |
| 8) | B | Heptachlo... | 5.178 | 5.890 | 92968021 | 143.1E6 | 49.041 | 59.039 | |
| 9) | A | Endosulfan I | 5.517 | 6.249 | 85935315 | 141.3E6 | 51.393 | 52.270 | |
| 10) | B | gamma-Chl... | 5.406 | 6.126 | 91847511 | 151.5E6 | 50.693 | 53.590 | |
| 11) | B | alpha-Chl... | 5.464 | 6.198 | 90109826 | 150.7E6 | 50.004 | 51.614 | |
| 12) | B | 4,4'-DDE | 5.629 | 6.356 | 85376856 | 141.4E6 | 50.643 | 53.455 | |
| 13) | MA | Dieldrin | 5.760 | 6.506 | 91187985 | 144.8E6 | 51.521 | 52.797 | |
| 14) | MA | Endrin | 6.016 | 6.725 | 80938093 | 122.4E6 | 48.556 | 52.259 | |
| 15) | B | Endosulfa... | 6.290 | 6.934 | 79605919 | 122.7E6 | 46.891 | 50.945 | |
| 16) | A | 4,4'-DDD | 6.144 | 6.847 | 73972241 | 118.1E6 | 51.195 | 56.693 | |
| 17) | MA | 4,4'-DDT | 6.385 | 7.147 | 66162911 | 103.7E6 | 48.435 | 51.255 | |
| 18) | B | Endrin al... | 6.458 | 7.059 | 69880226 | 109.2E6 | 48.643 | 54.513 | |
| 19) | B | Endosulfa... | 6.671 | 7.282 | 82478393 | 123.1E6 | 51.760 | 56.003 | |
| 20) | A | Methoxychlor | 6.932 | 7.607 | 40437980 | 60049105 | 49.430 | 52.145 | |
| 21) | B | Endrin ke... | 7.161 | 7.754 | 93981945 | 127.5E6 | 55.744 | 57.841 | |
| 22) | | Mirex | 7.351 | 8.211 | 69109064 | 89437780 | 50.621 | 57.114 | |
| 24) | | Chlordane-2 | 0.000 | 5.503f | 0 | 163.3E6 | N.D. | 1604.657 | # |
| 25) | | Chlordane-3 | 5.406 | 6.126 | 91847511 | 151.5E6 | 549.447 | 411.810 | # |
| 26) | | Chlordane-4 | 5.464 | 6.198 | 90109826 | 150.7E6 | 654.181 | 330.062 | # |
| 27) | | Chlordane-5 | 6.290 | 0.000 | 79605919 | 0 | 1406.974 | N.D. | # |

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

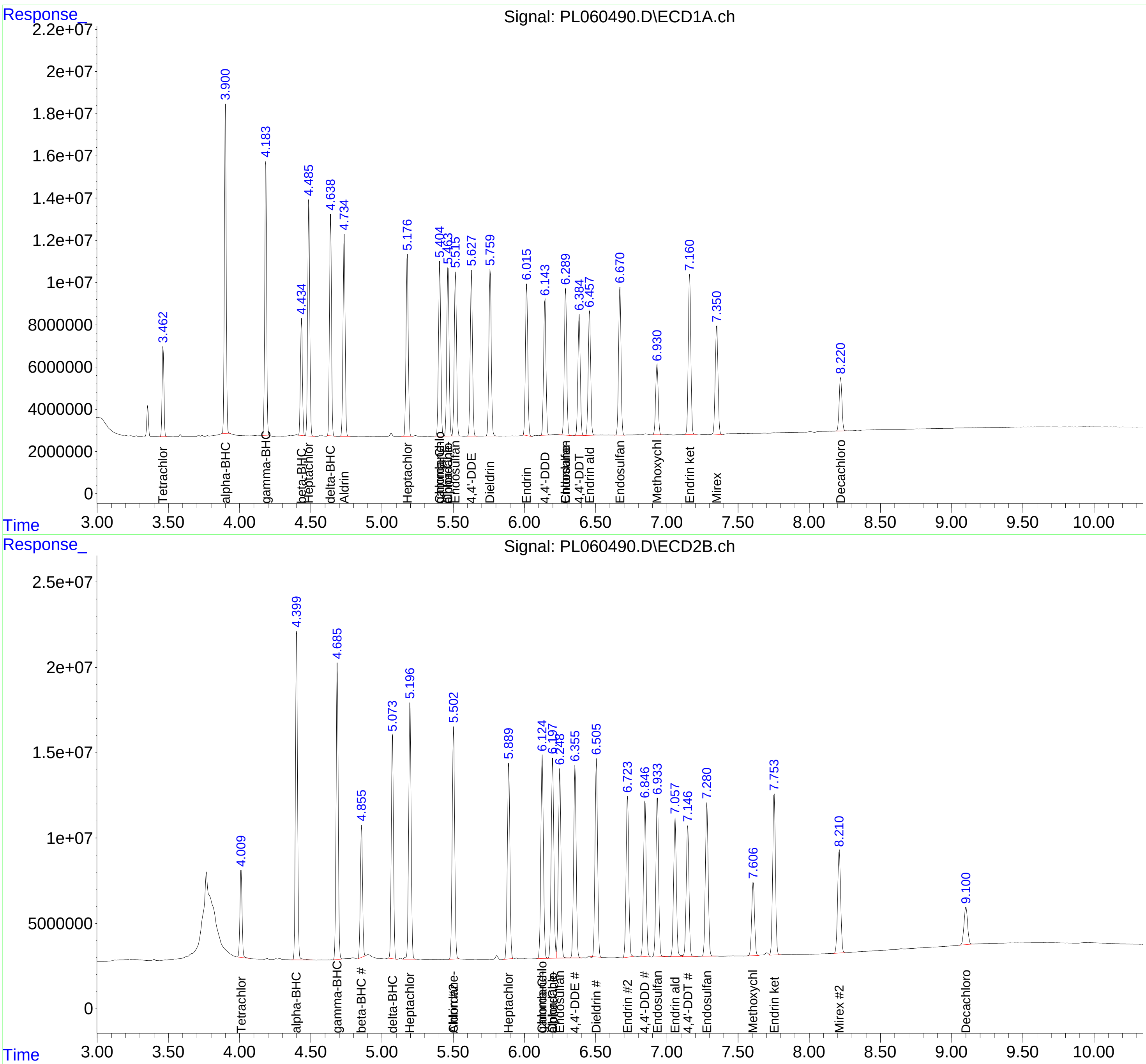
Quantitation Report (Not Reviewed)

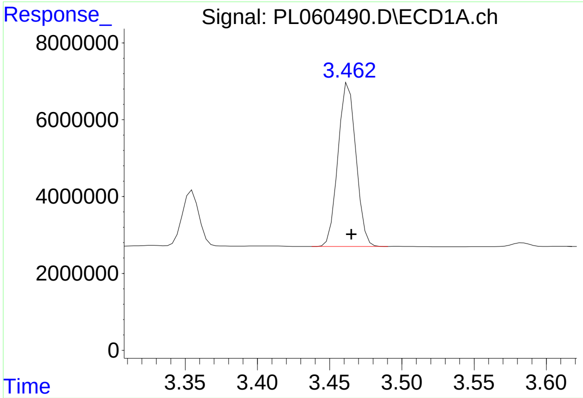
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080420\
Data File : PL060490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2020 09:35
Operator : DD\AJ
Sample : PB130682BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 11:21:32 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL073020.M
Quant Title : GC Extractables
QLast Update : Thu Jul 30 04:13:43 2020
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

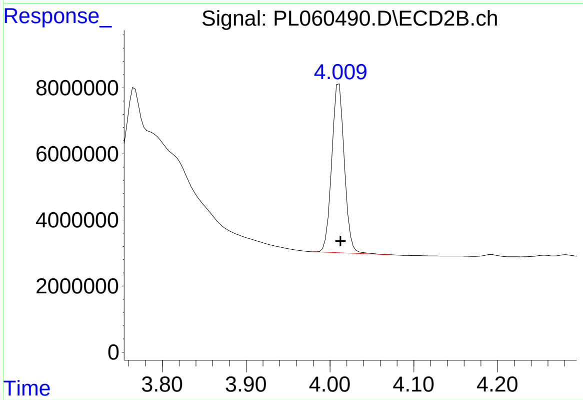





#1 Tetrachloro-m-xylene

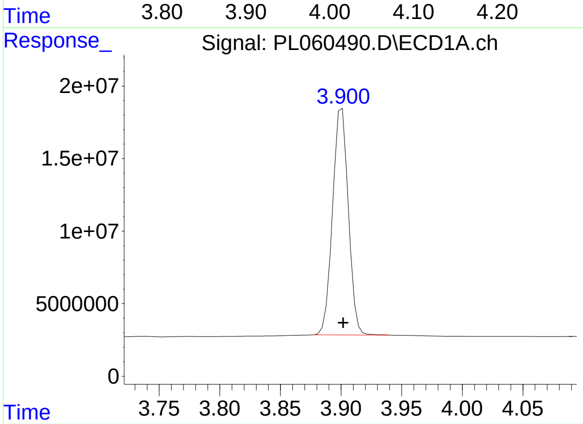
R.T.: 3.463 min
Delta R.T.: -0.002 min
Response: 36763684
Conc: 18.45 ng/ml

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



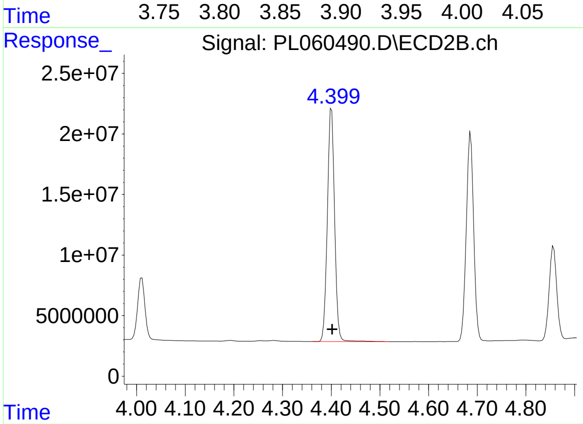

#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 53243481
Conc: 20.36 ng/ml



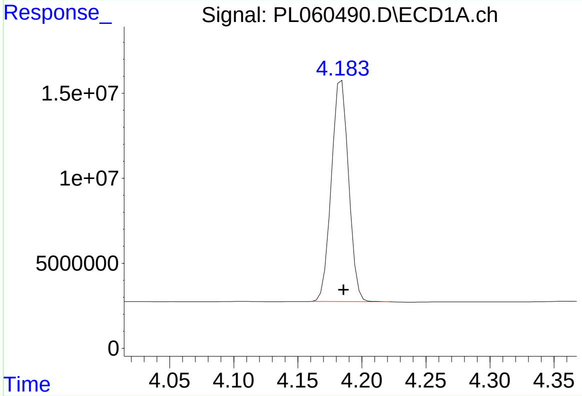

#2 alpha-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 141494997
Conc: 48.52 ng/ml




#2 alpha-BHC

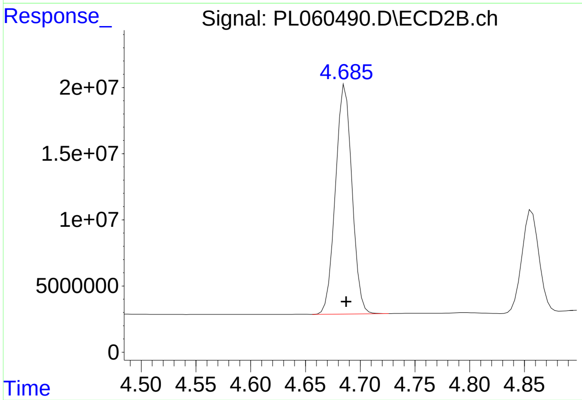
R.T.: 4.401 min
Delta R.T.: -0.001 min
Response: 200424897
Conc: 52.36 ng/ml




#3 gamma-BHC (Lindane)

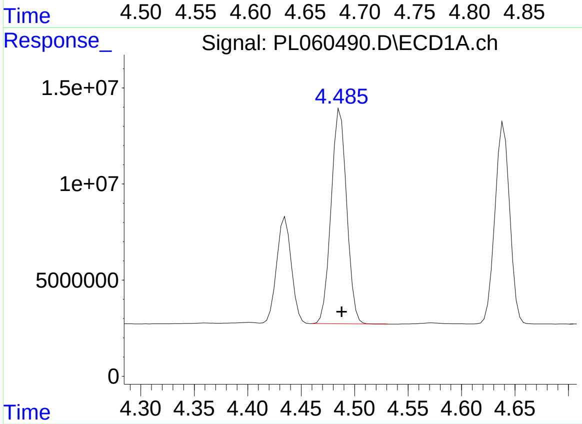
R.T.: 4.184 min
Delta R.T.: -0.001 min
Response: 121866898
Conc: 48.02 ng/ml

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



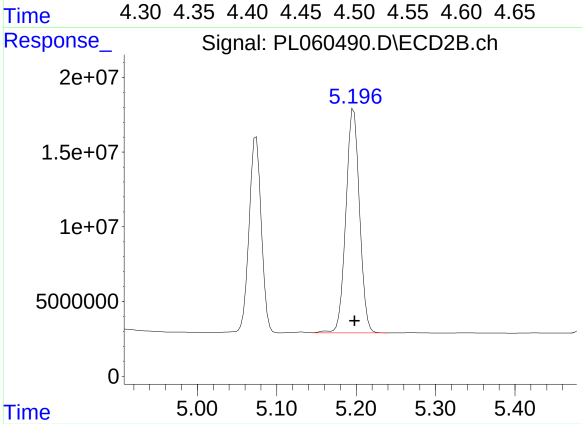

#3 gamma-BHC (Lindane)

R.T.: 4.686 min
Delta R.T.: 0.000 min
Response: 181936648
Conc: 50.52 ng/ml



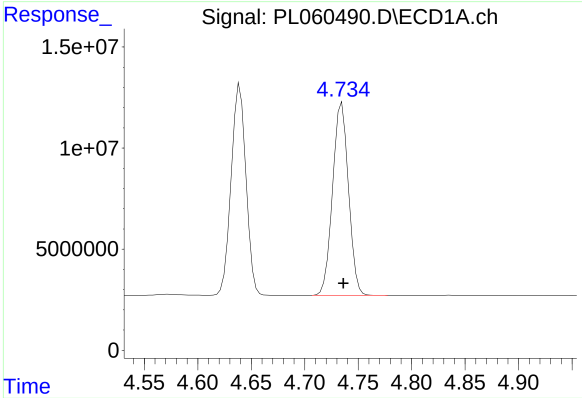

#4 Heptachlor

R.T.: 4.487 min
Delta R.T.: -0.001 min
Response: 113320062
Conc: 48.62 ng/ml




#4 Heptachlor

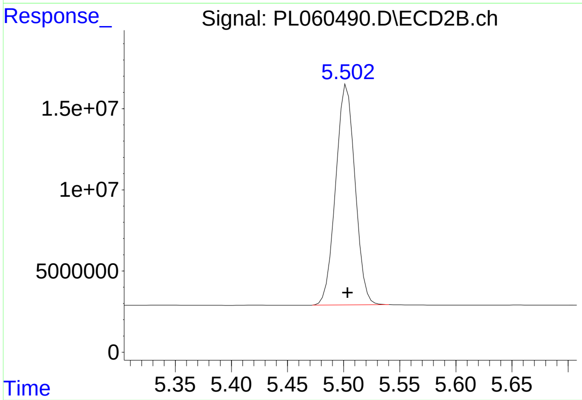
R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 179566959
Conc: 52.76 ng/ml




#5 Aldrin

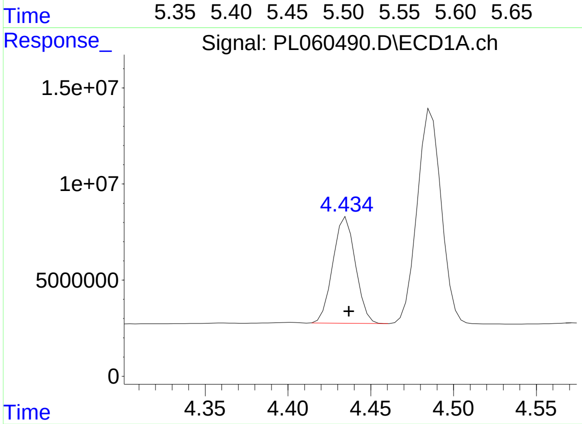
R.T.: 4.735 min
Delta R.T.: -0.001 min
Response: 98697328
Conc: 49.79 ng/ml

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



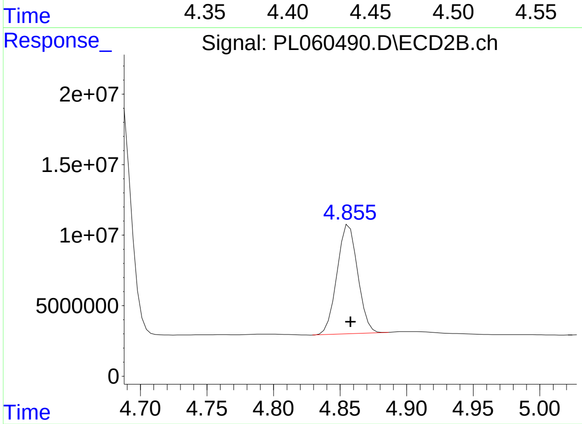

#5 Aldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 163284818
Conc: 53.21 ng/ml



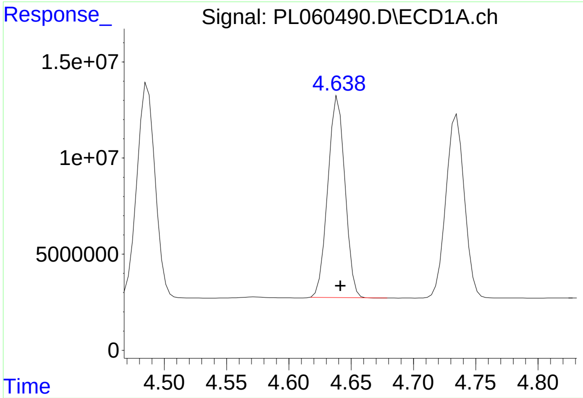

#6 beta-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 52560986
Conc: 51.83 ng/ml




#6 beta-BHC

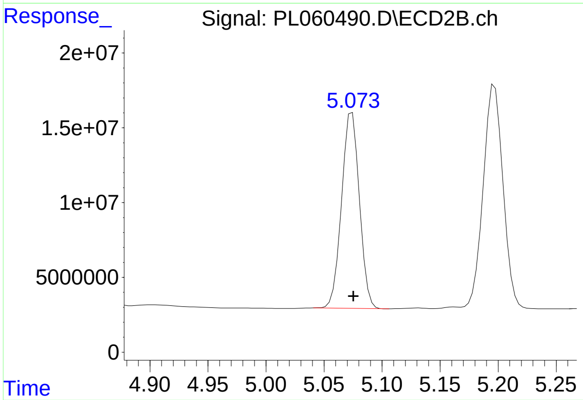
R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 83856402
Conc: 55.77 ng/ml




#7 delta-BHC

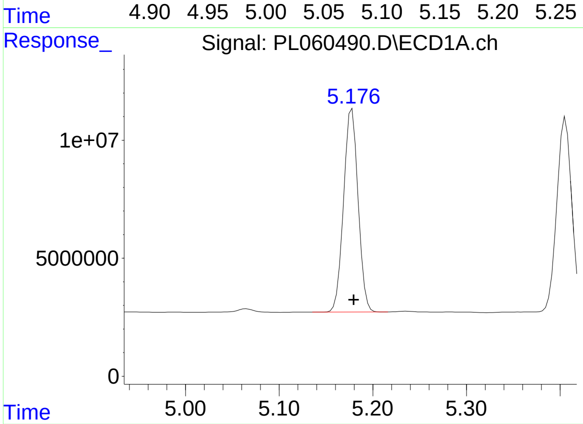
R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 100234220
Conc: 44.19 ng/ml

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



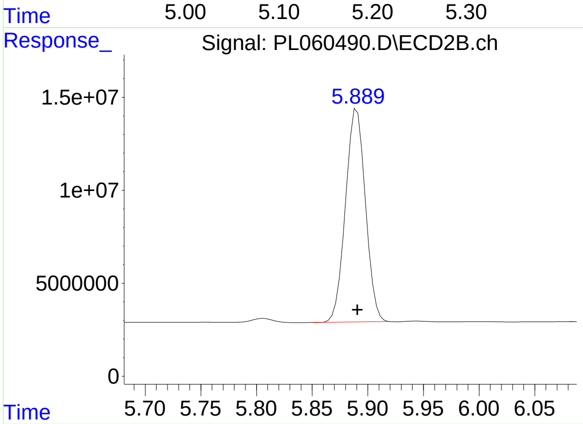

#7 delta-BHC

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 139768184
Conc: 55.22 ng/ml



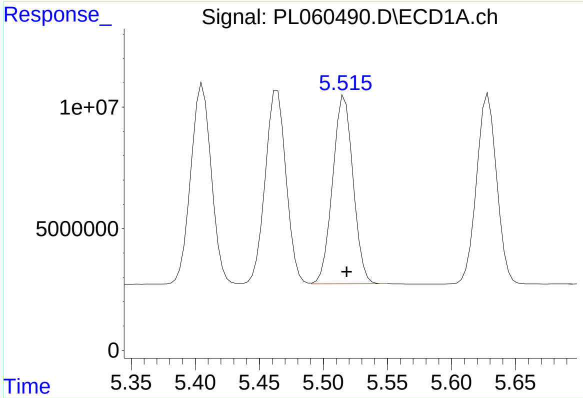

#8 Heptachlor epoxide

R.T.: 5.178 min
Delta R.T.: -0.002 min
Response: 92968021
Conc: 49.04 ng/ml




#8 Heptachlor epoxide

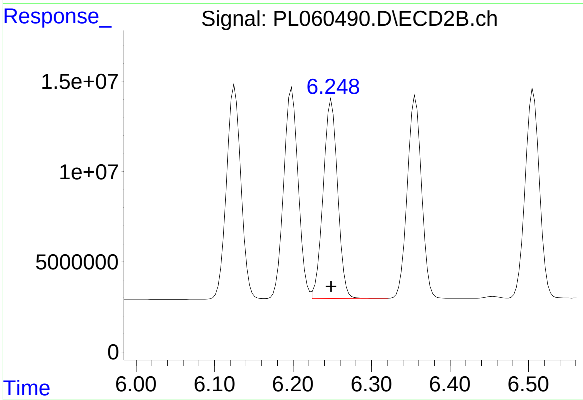
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 143056628
Conc: 59.04 ng/ml




#9 Endosulfan I

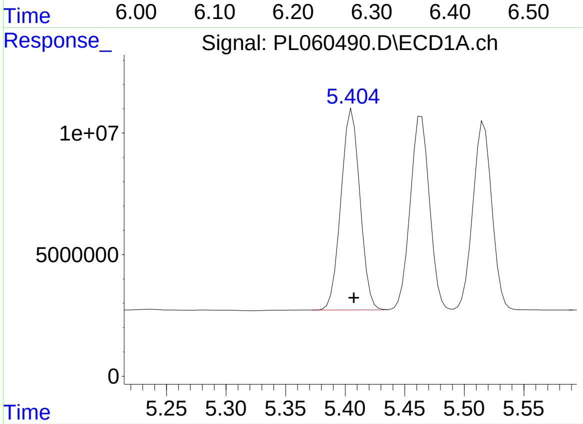
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 85935315
Conc: 51.39 ng/ml

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



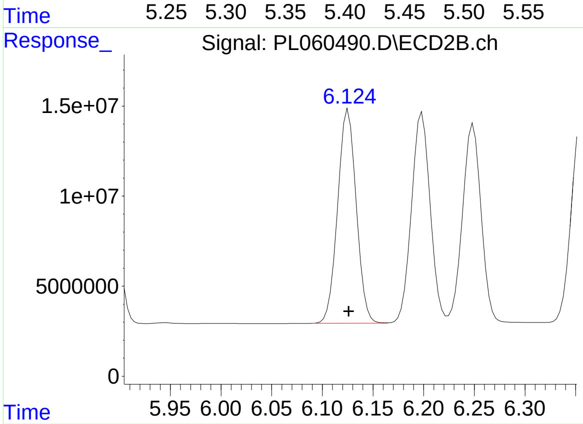

#9 Endosulfan I

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 141341752
Conc: 52.27 ng/ml



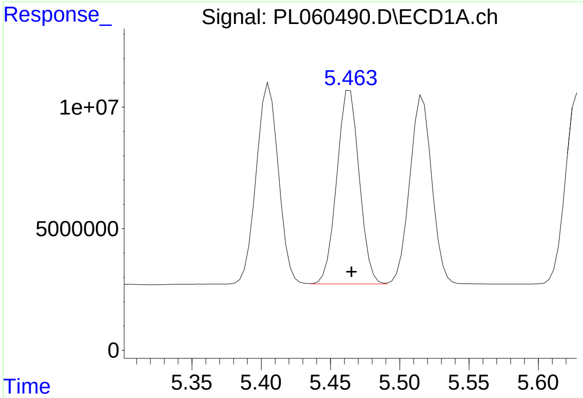

#10 gamma-Chlordane

R.T.: 5.406 min
Delta R.T.: -0.001 min
Response: 91847511
Conc: 50.69 ng/ml




#10 gamma-Chlordane

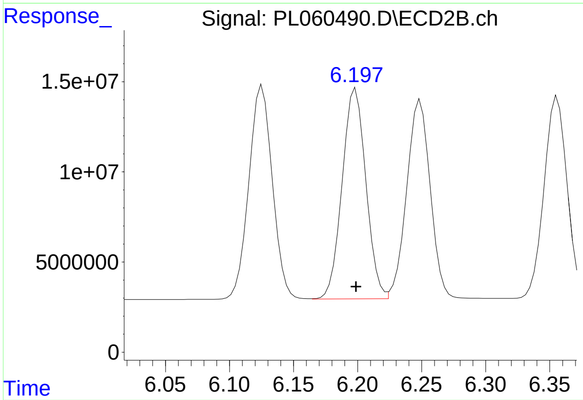
R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 151528086
Conc: 53.59 ng/ml




#11 alpha-Chlordane

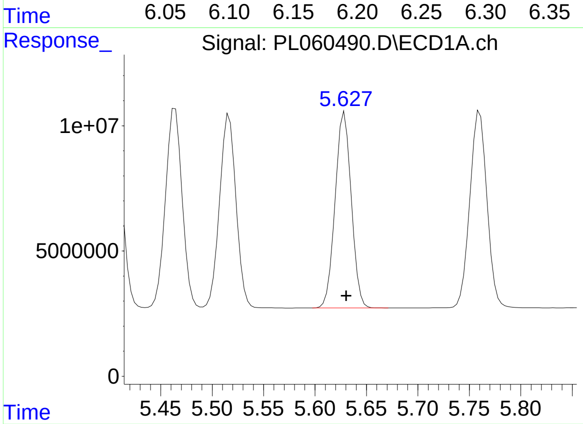
R.T.: 5.464 min
Delta R.T.: -0.001 min
Response: 90109826
Conc: 50.00 ng/ml

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



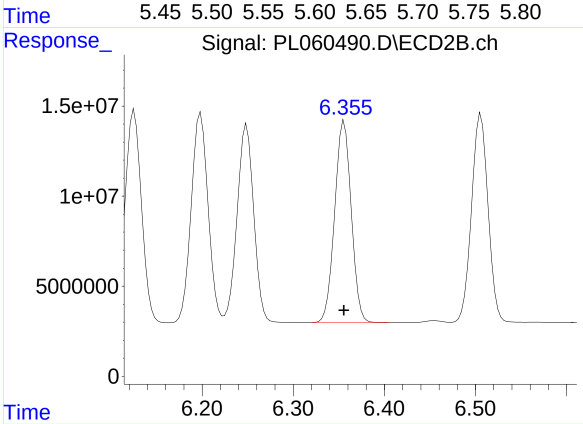

#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 150682586
Conc: 51.61 ng/ml



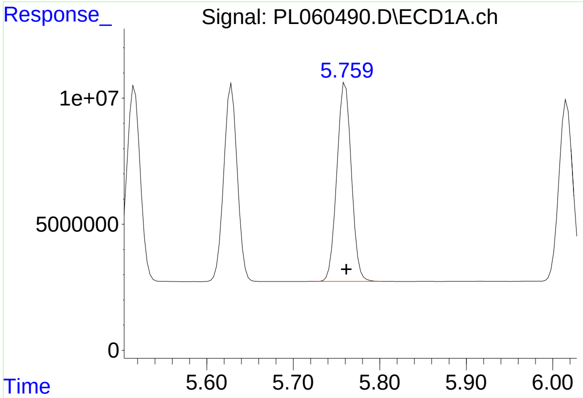

#12 4,4'-DDE

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 85376856
Conc: 50.64 ng/ml




#12 4,4'-DDE

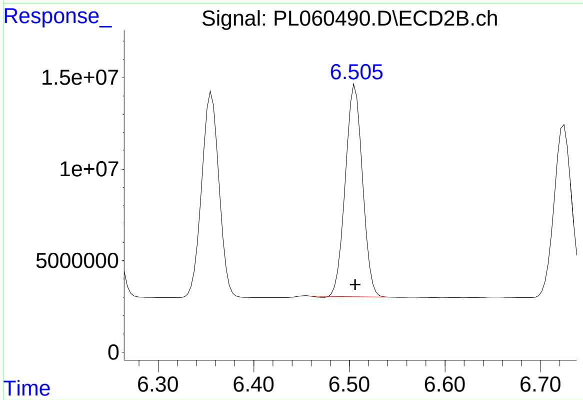
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 141389525
Conc: 53.45 ng/ml




#13 Dieldrin

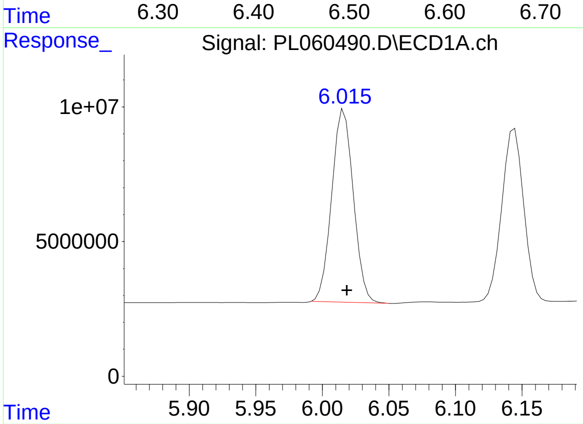
| | |
|---|---|
| R.T.: | 5.760 min |
| Delta R.T.: | -0.001 min |
| Response: | 91187985 |
| Conc: | 51.52 ng/ml |

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



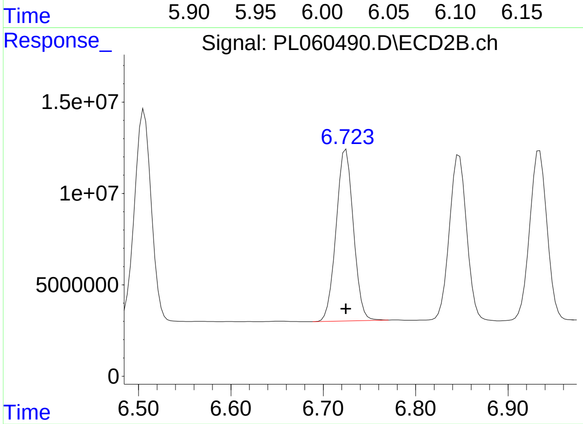

#13 Dieldrin

| | |
|---|---|
| R.T.: | 6.506 min |
| Delta R.T.: | 0.000 min |
| Response: | 144771062 |
| Conc: | 52.80 ng/ml |



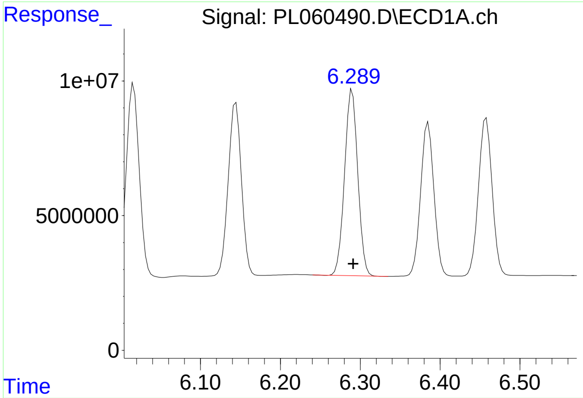

#14 Endrin

| | |
|---|---|
| R.T.: | 6.016 min |
| Delta R.T.: | -0.002 min |
| Response: | 80938093 |
| Conc: | 48.56 ng/ml |




#14 Endrin

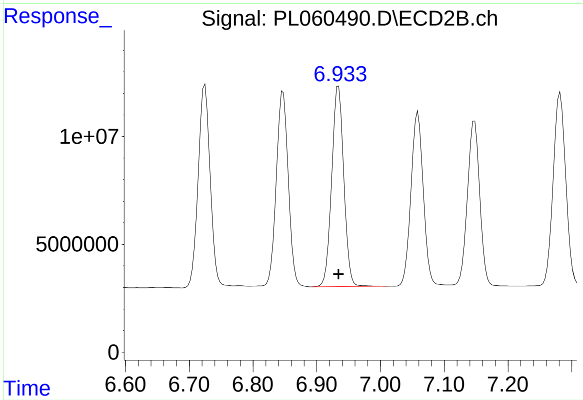
| | |
|---|---|
| R.T.: | 6.725 min |
| Delta R.T.: | 0.000 min |
| Response: | 122394064 |
| Conc: | 52.26 ng/ml |




#15 Endosulfan II

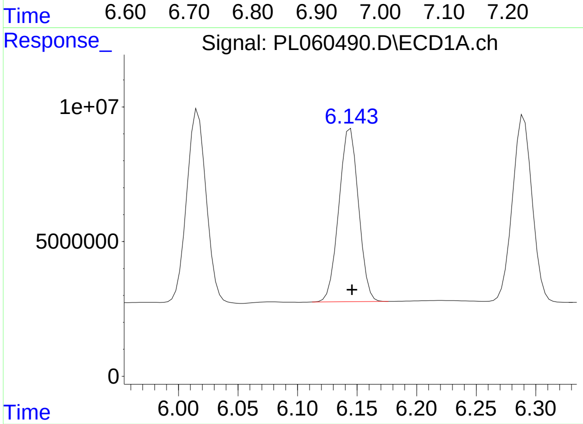
R.T.: 6.290 min
Delta R.T.: -0.001 min
Response: 79605919
Conc: 46.89 ng/ml

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



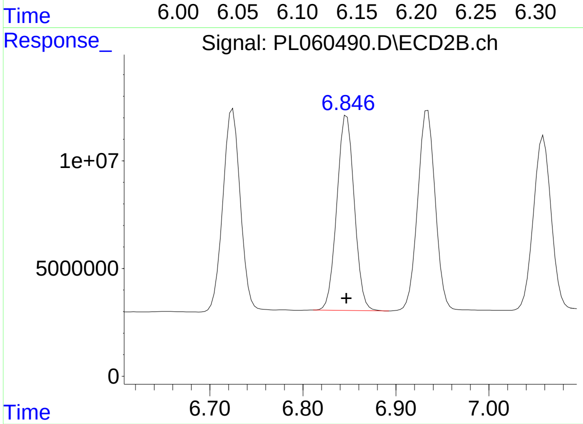

#15 Endosulfan II

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 122709051
Conc: 50.94 ng/ml



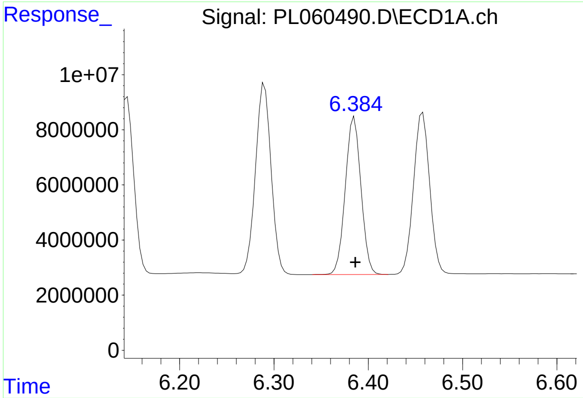

#16 4,4'-DDD

R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 73972241
Conc: 51.20 ng/ml




#16 4,4'-DDD

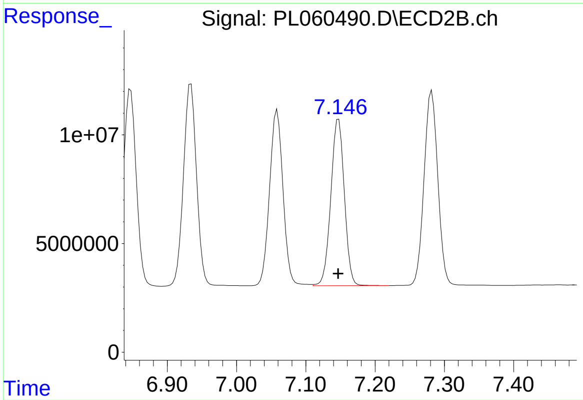
R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 118102290
Conc: 56.69 ng/ml




#17 4,4'-DDT

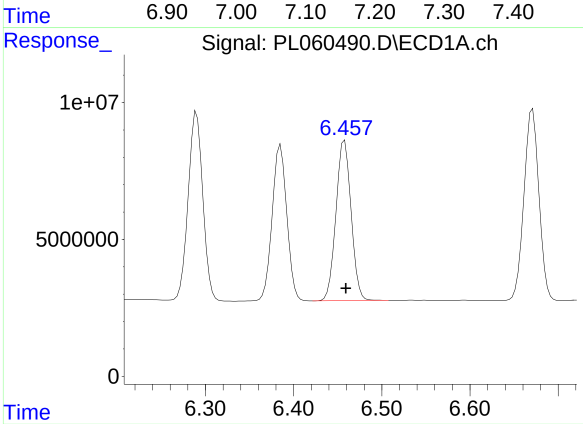
R.T.: 6.385 min
Delta R.T.: -0.001 min
Response: 66162911
Conc: 48.43 ng/ml

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



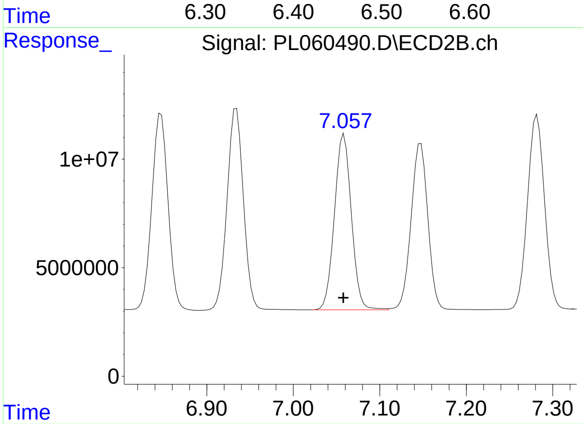

#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 103658938
Conc: 51.25 ng/ml




#18 Endrin aldehyde

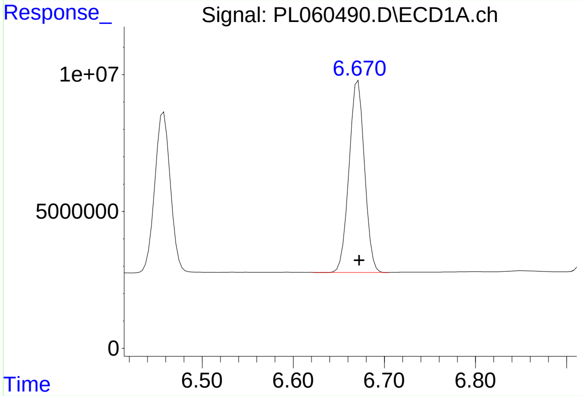
R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 69880226
Conc: 48.64 ng/ml



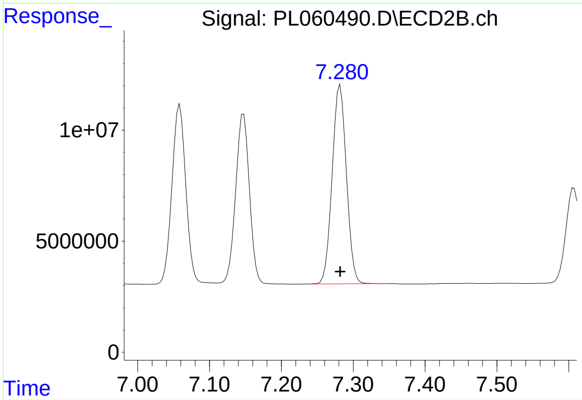

#18 Endrin aldehyde

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 109228243
Conc: 54.51 ng/ml

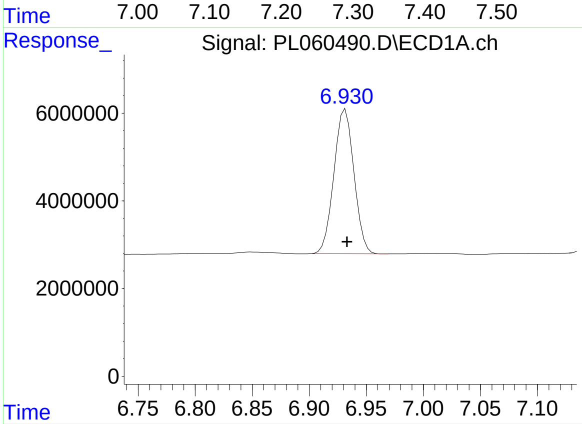
**Instrument :**
ECD_L
**ClientSampleId :**



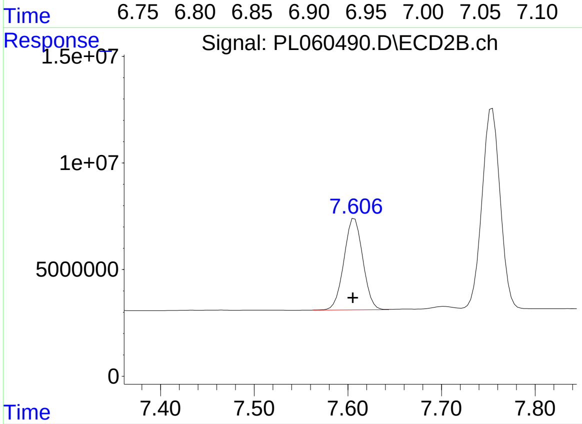

```
#19  Endosulfan Sulfate

      R.T.:    6.671 min
Delta R.T.:   -0.001 min
  Response:  82478393
      Conc:  51.76 ng/ml
```



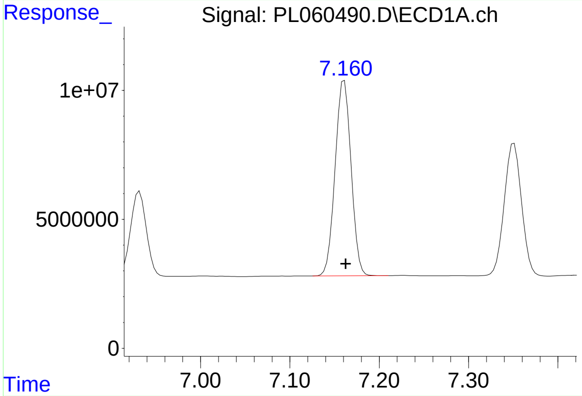

```
#19  Endosulfan Sulfate

      R.T.:    7.282 min
Delta R.T.:    0.000 min
  Response: 123119753
      Conc:  56.00 ng/ml
```




```
#20  Methoxychlor

      R.T.:    6.932 min
Delta R.T.:   -0.001 min
  Response:  40437980
      Conc:  49.43 ng/ml
```

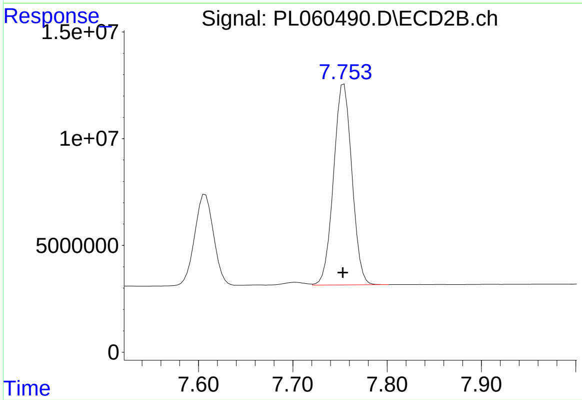



```
#20  Methoxychlor

      R.T.:    7.607 min
Delta R.T.:    0.002 min
  Response:  60049105
      Conc:  52.14 ng/ml
```

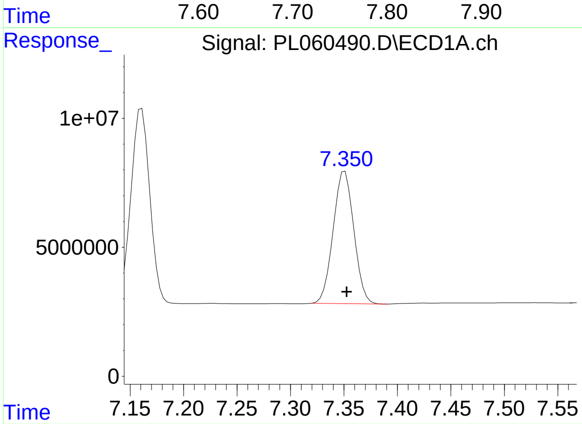



```
#21  Endrin ketone

      R.T.:    7.161 min
Delta R.T.:   -0.001 min
  Response:  93981945
     Conc:   55.74 ng/ml
```

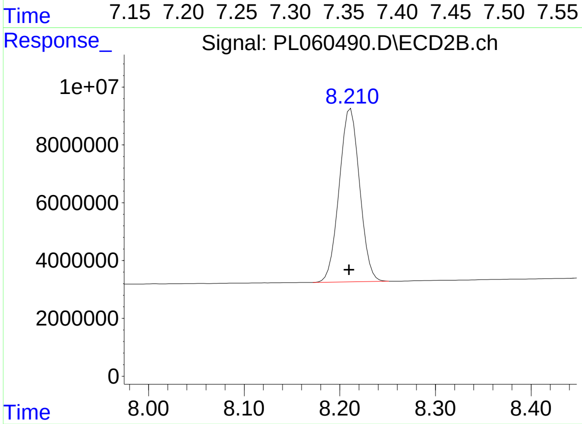
**Instrument :**
ECD_L
**ClientSampleId :**




```
#21  Endrin ketone

      R.T.:    7.754 min
Delta R.T.:    0.001 min
  Response: 127470947
     Conc:   57.84 ng/ml
```

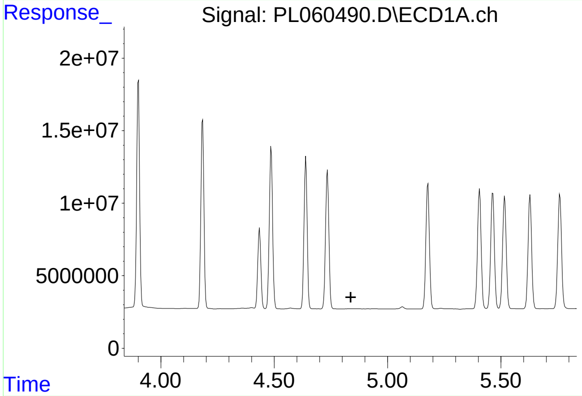



```
#22  Mirex

      R.T.:    7.351 min
Delta R.T.:   -0.002 min
  Response:  69109064
     Conc:   50.62 ng/ml
```

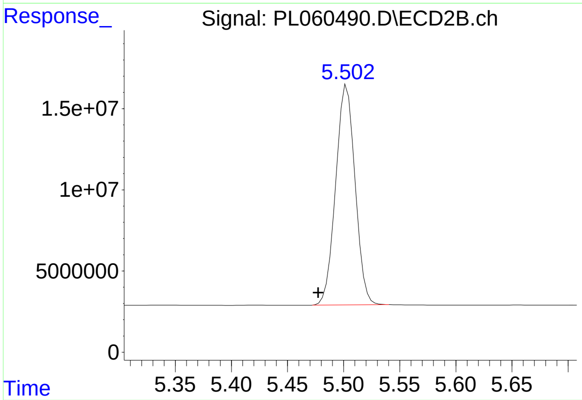



```
#22  Mirex

      R.T.:    8.211 min
Delta R.T.:    0.002 min
  Response:  89437780
     Conc:   57.11 ng/ml
```

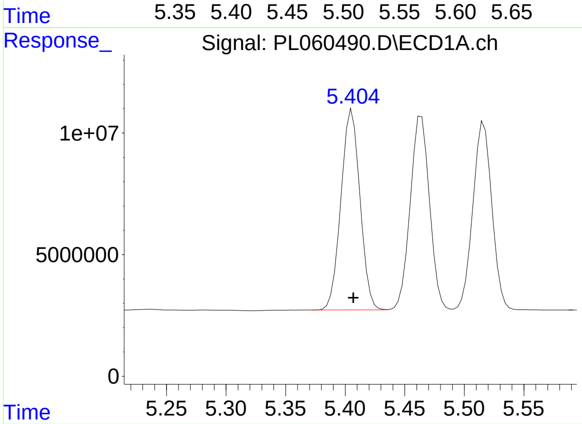
**Instrument :**
ECD_L
**ClientSampleId :**



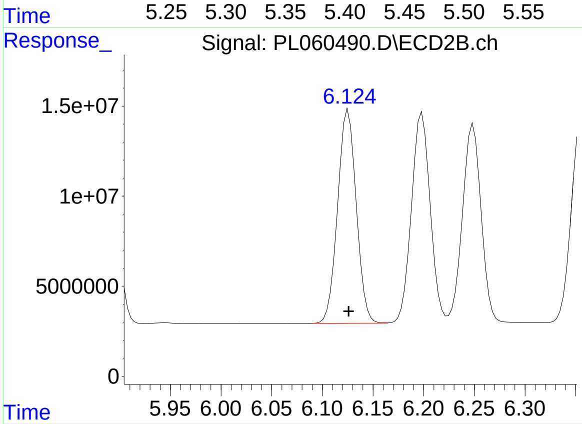

```
#24  Chlordane-2

      R.T.:     0.000 min
Exp R.T.  :     4.838 min
  Response:         0
      Conc:    N.D.
```



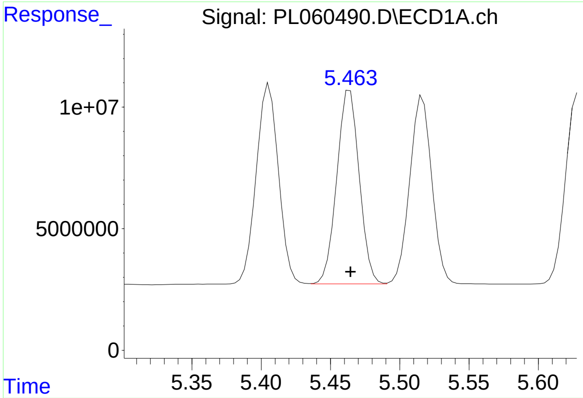

```
#24  Chlordane-2

      R.T.:     5.503 min
Delta R.T.:     0.026 min
  Response: 163284818
      Conc: 1604.66 ng/ml
```




```
#25  Chlordane-3

      R.T.:     5.406 min
Delta R.T.:    -0.001 min
  Response:  91847511
      Conc: 549.45 ng/ml
```



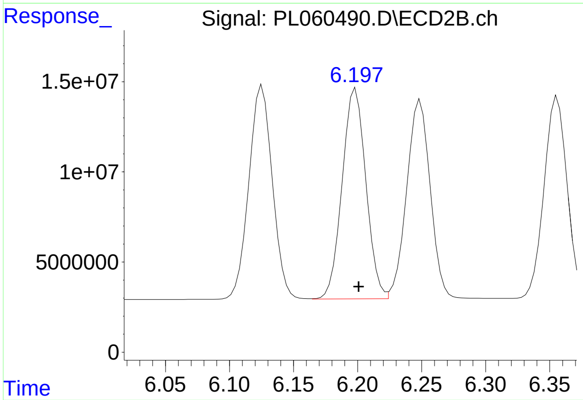

```
#25  Chlordane-3

      R.T.:     6.126 min
Delta R.T.:     0.000 min
  Response: 151528086
      Conc: 411.81 ng/ml
```




#26 Chlordane-4

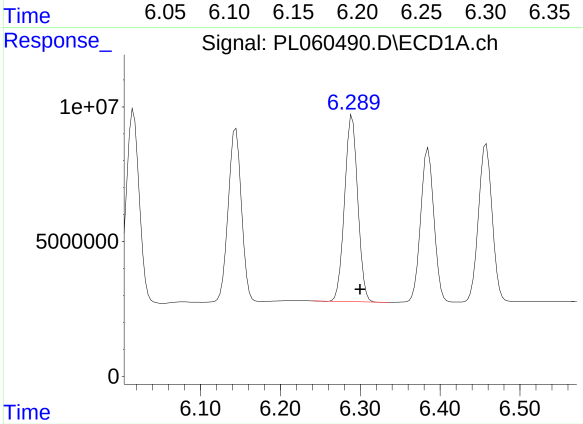
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 90109826
Conc: 654.18 ng/ml

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



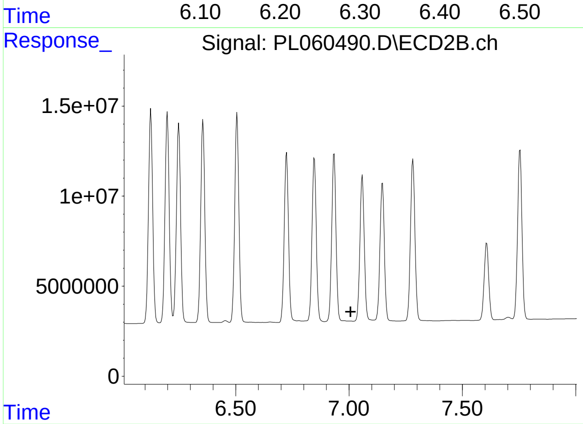

#26 Chlordane-4

R.T.: 6.198 min
Delta R.T.: -0.002 min
Response: 150682586
Conc: 330.06 ng/ml



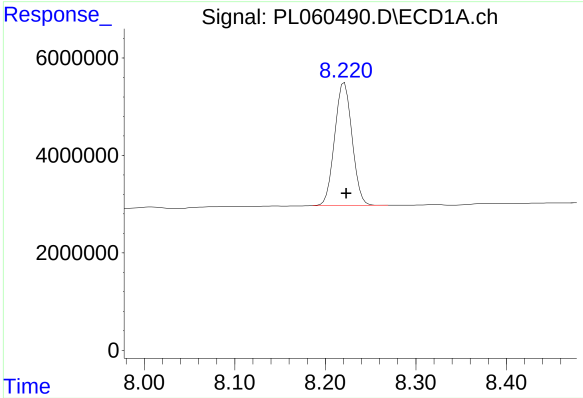

#27 Chlordane-5

R.T.: 6.290 min
Delta R.T.: -0.010 min
Response: 79605919
Conc: 1406.97 ng/ml




#27 Chlordane-5

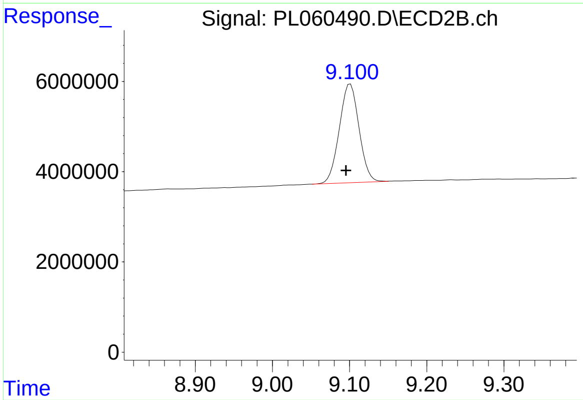
R.T.: 0.000 min
Exp R.T. : 7.007 min
Response: 0
Conc: N.D.




#28 Decachlorobiphenyl

R.T.: 8.221 min
Delta R.T.: -0.002 min
Response: 33678197
Conc: 22.07 ng/ml

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




#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: 0.005 min
Response: 38726456
Conc: 21.53 ng/ml