Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 19:09
Operator : SG\AJ
Sample : K5262-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
BFB74

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 03:41:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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...	3.290	3.962	10505518	20928480	16.629	22.470	#
27)	SA	Decachlor...	7.971	9.001	16913365	14153862	24.444	14.336	#
		Target Compounds							
2)	A	alpha-BHC	3.718	4.351	65332690	94156710	69.605	72.556	
3)	MA	gamma-BHC...	3.998	4.613	13344774	9531825	15.320	7.399	#
4)	MA	Heptachlor	4.280	0.000	5342309	0	10.336	N.D.	#
5)	MB	Aldrin	4.531	5.466	15088593	38084816	18.604	31.590	#
6)	B	beta-BHC	4.243	4.802	27459376	33574156	67.893	55.484	
7)	B	delta-BHC	4.444	5.029	7712319	-1879860	8.298	N.D.	#
8)	B	Heptachlo...	4.955	5.819	363992	10984397	0.481	9.317	#
9)	A	Endosulfan I	5.315	6.184	18075374	12588727	24.920	11.162	#
10)	B	trans-Chl...	5.179	6.068	9405154	10501078	12.263	8.582	#
11)	B	cis-Chlor...	5.236	6.133	6779545	21434440	9.118	18.167	#
12)	B	4,4'-DDE	5.405	6.290	79003848	149.0E6	101.568	124.141	
13)	MA	Dieldrin	5.527	6.388f	12055423	86187106	15.048	68.224	#
14)	MA	Endrin	5.785	6.649	-977638	13472170	N.D.	13.623	
15)	B	Endosulfa...	6.043	6.852	14176455	-4842247	19.545	N.D.	#
16)	A	4,4'-DDD	5.916	6.778	157.5E6	230.9E6	271.012	226.379	
17)	MA	4,4'-DDT	6.151	7.076	116.5E6	203.8E6	290.646	218.068	
18)	B	Endrin al...	6.241	7.001	2101807	3885972	3.370	4.026	
19)	B	Endosulfa...	6.408	7.188	11739386	8793819	17.232	8.116	#
20)	A	Methoxychlor	6.675	7.506	4811079	3120767	22.066	5.715	#
21)	B	Endrin ke...	6.865f	7.735f	30144475	13009570	42.262	11.017	#
22)		Toxaphene-1	5.527	6.333	12055423	2293775	2603.440	387.236	#
23)		Toxaphene-2	5.657	6.649	17697495	13472170	4098.425	1781.154	#
24)		Toxaphene-3	5.995	7.001	18369615	3885972	4623.361	375.529	#
25)		Toxaphene-4	6.112	7.128	902336	2940886	78.829	100.167	#
26)		Toxaphene-5	6.770	7.586	959227	31654446	79.006	2256.860	#

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

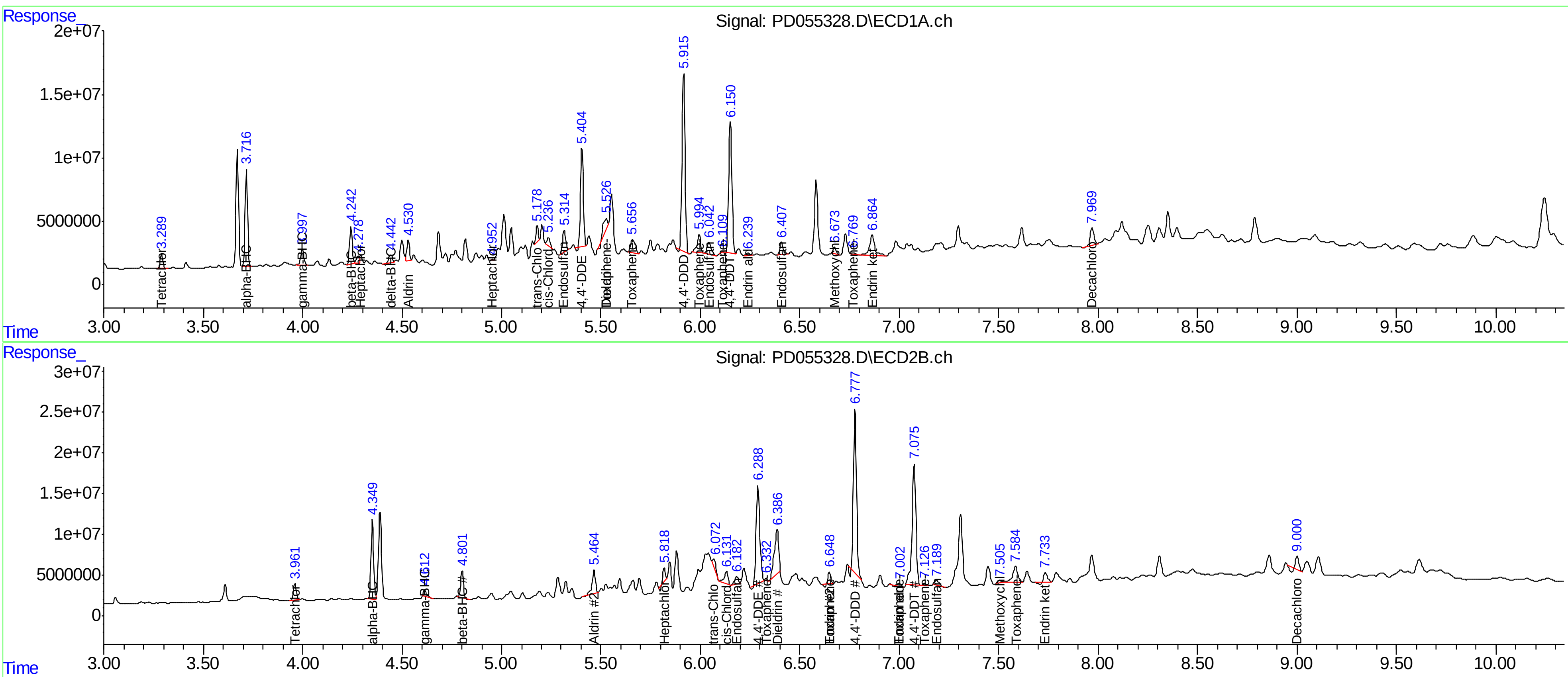
Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101619\
Data File : PD055328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2019 19:09
Operator : SG\AJ
Sample : K5262-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

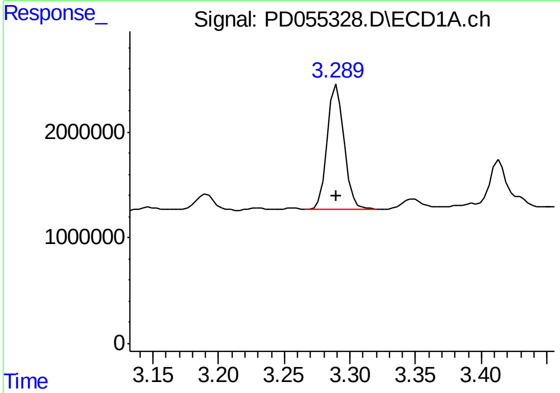
Instrument :
ECD_D
ClientSampleId :
BFB74

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 03:41:13 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101519CLP.M
Quant Title : GC Extractables
QLast Update : Wed Oct 16 04:32:26 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

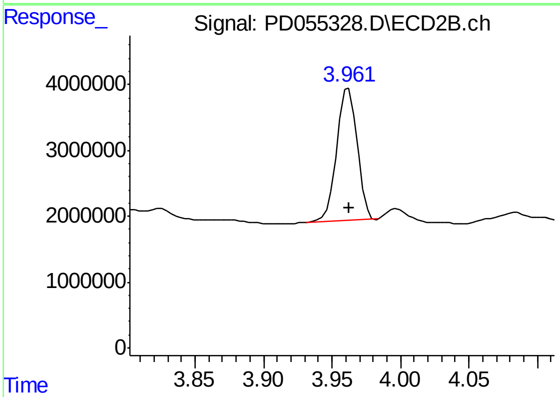


Instrument :
ECD_D
ClientSampleId :
BFB74



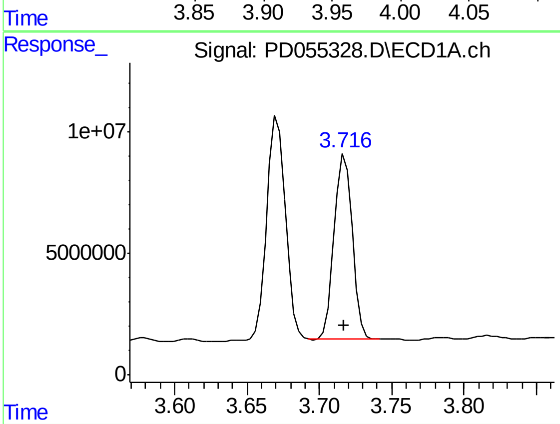
#1 Tetrachloro-m-xylene

```
      R.T.:    3.290 min
Delta R.T.:    0.000 min
  Response:  10505518
      Conc:  16.63 ng/ml
```



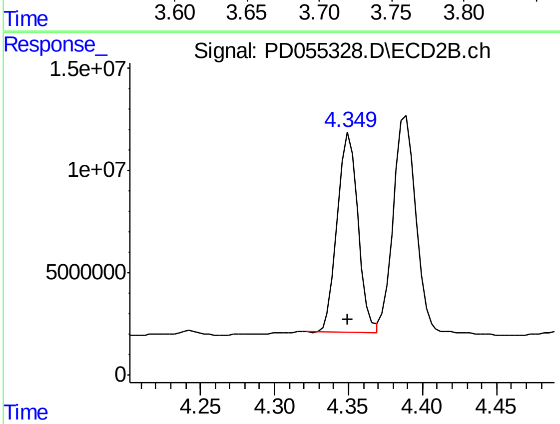
#1 Tetrachloro-m-xylene

```
      R.T.:    3.962 min
Delta R.T.:    0.000 min
  Response:  20928480
      Conc:  22.47 ng/ml
```



#2 alpha-BHC

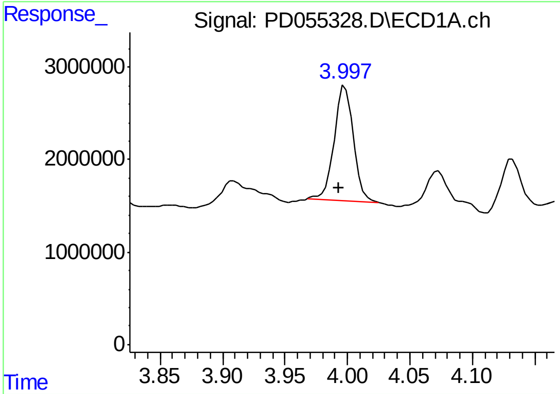
```
      R.T.:    3.718 min
Delta R.T.:    0.000 min
  Response:  65332690
      Conc:  69.60 ng/ml
```



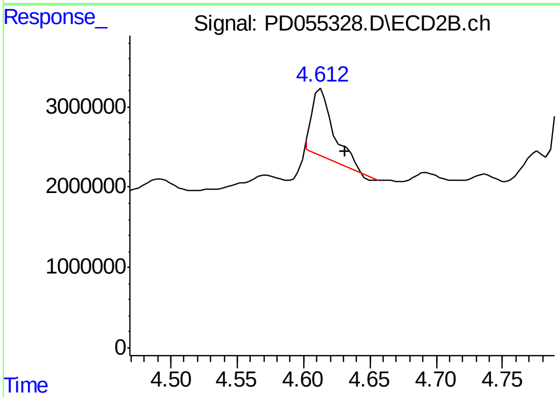
#2 alpha-BHC

```
      R.T.:    4.351 min
Delta R.T.:    0.001 min
  Response:  94156710
      Conc:  72.56 ng/ml
```

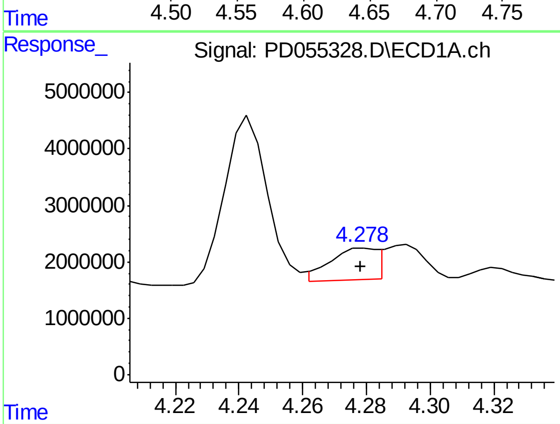
Instrument :
ECD_D
ClientSampleId :
BFB74



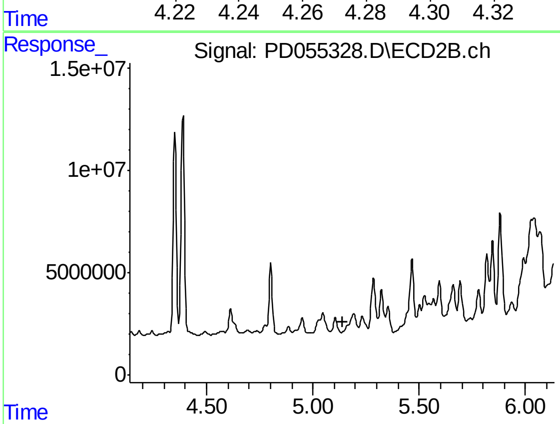

```
#3  gamma-BHC (Lindane)

      R.T.:     3.998 min
Delta R.T.:     0.005 min
  Response:   13344774
      Conc:   15.32 ng/ml
```



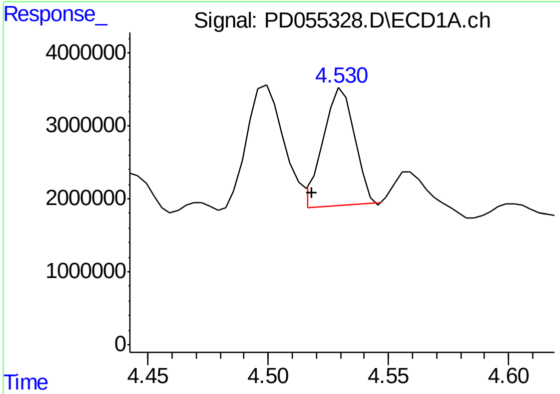

```
#3  gamma-BHC (Lindane)

      R.T.:     4.613 min
Delta R.T.:    -0.018 min
  Response:    9531825
      Conc:    7.40 ng/ml
```




```
#4  Heptachlor

      R.T.:     4.280 min
Delta R.T.:     0.001 min
  Response:    5342309
      Conc:   10.34 ng/ml
```



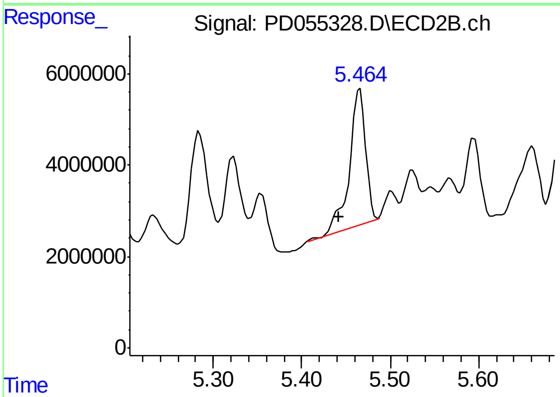

```
#4  Heptachlor

      R.T.:     0.000 min
Exp R.T.  :     5.138 min
  Response:          0
      Conc:    N.D.
```



#5 Aldrin

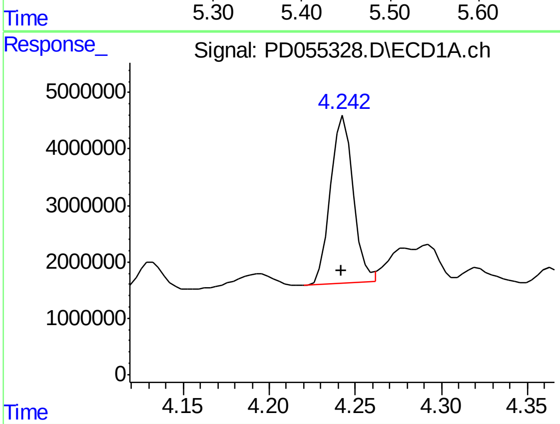
R.T.: 4.531 min
Delta R.T.: 0.013 min
Response: 15088593
Conc: 18.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



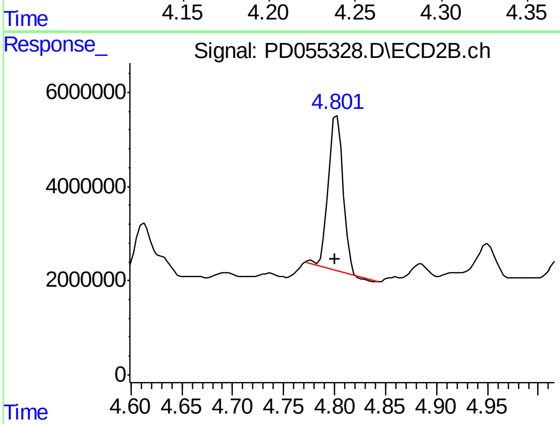
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: 0.023 min
Response: 38084816
Conc: 31.59 ng/ml



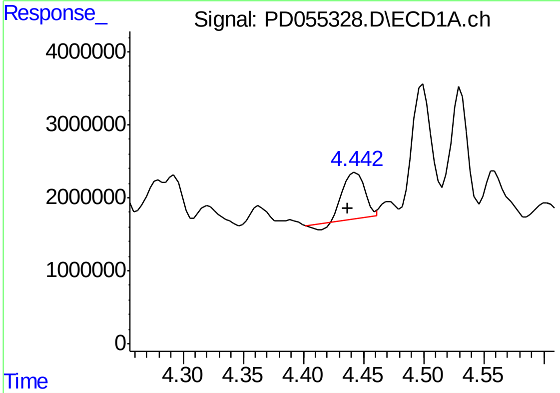
#6 beta-BHC

R.T.: 4.243 min
Delta R.T.: 0.001 min
Response: 27459376
Conc: 67.89 ng/ml



#6 beta-BHC

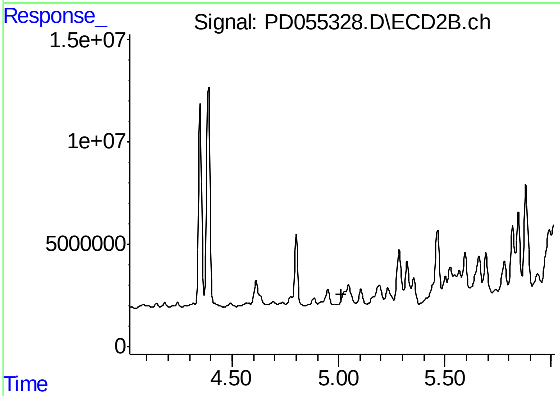
R.T.: 4.802 min
Delta R.T.: 0.002 min
Response: 33574156
Conc: 55.48 ng/ml



#7 delta-BHC

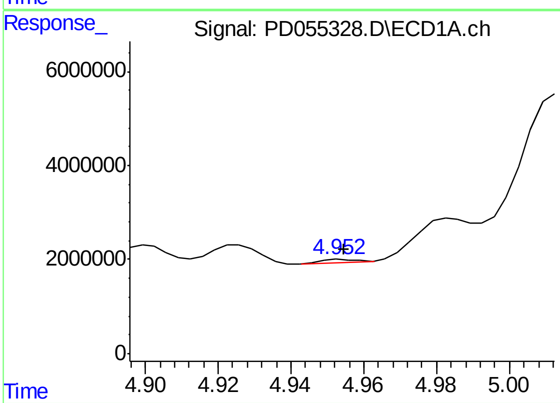
R.T.: 4.444 min
Delta R.T.: 0.006 min
Response: 7712319
Conc: 8.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



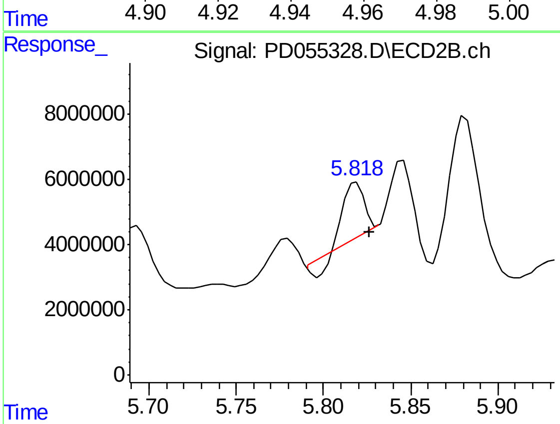
#7 delta-BHC

R.T.: 5.029 min
Delta R.T.: 0.013 min
Response: -1879860
Conc: N.D.



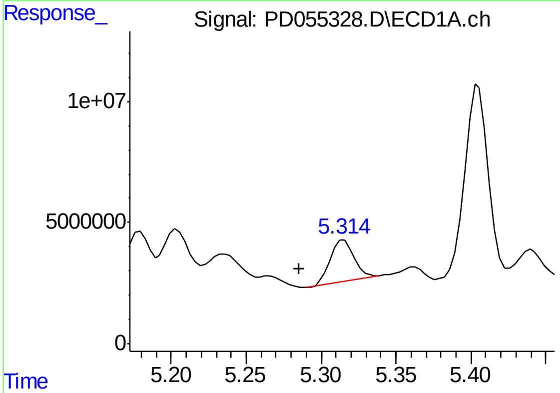
#8 Heptachlor epoxide

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 363992
Conc: 0.48 ng/ml



#8 Heptachlor epoxide

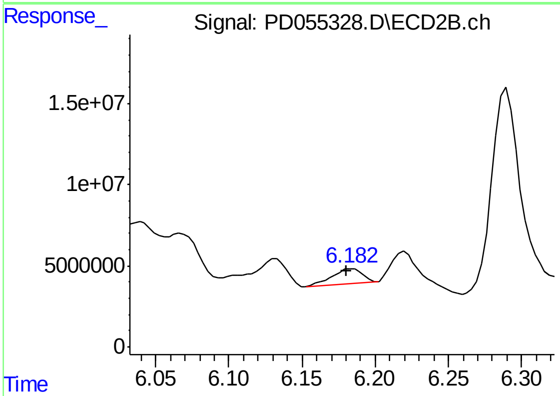
R.T.: 5.819 min
Delta R.T.: -0.008 min
Response: 10984397
Conc: 9.32 ng/ml



#9 Endosulfan I

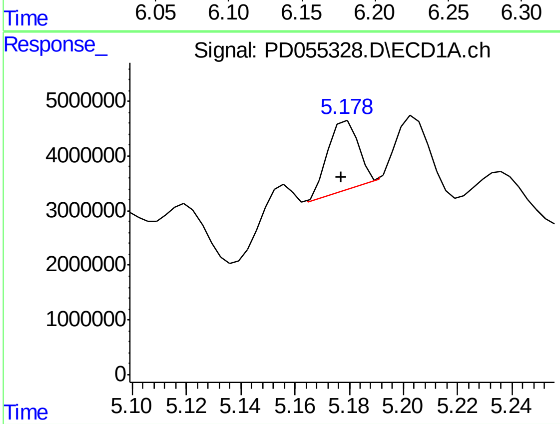
```
     R.T.:    5.315 min
Delta R.T.:    0.030 min
  Response:  18075374
      Conc:  24.92 ng/ml
```

Instrument :
ECD_D
ClientSampleId :
BFB74



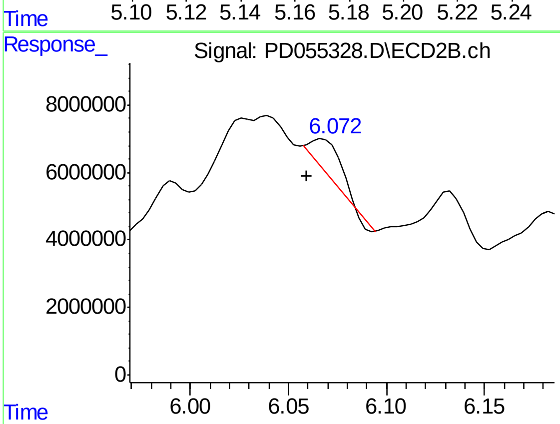
#9 Endosulfan I

```
     R.T.:    6.184 min
Delta R.T.:    0.003 min
  Response:  12588727
      Conc:  11.16 ng/ml
```



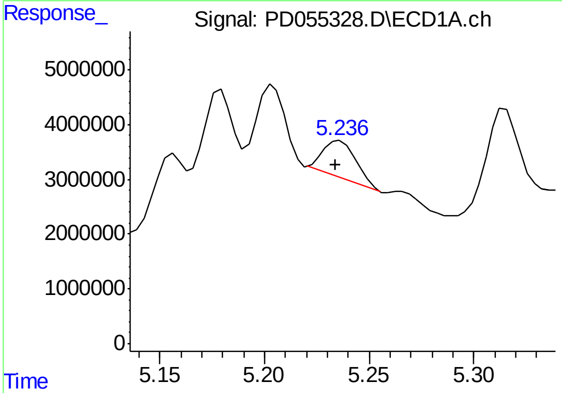
#10 trans-Chlordane

```
     R.T.:    5.179 min
Delta R.T.:    0.002 min
  Response:   9405154
      Conc:  12.26 ng/ml
```



#10 trans-Chlordane

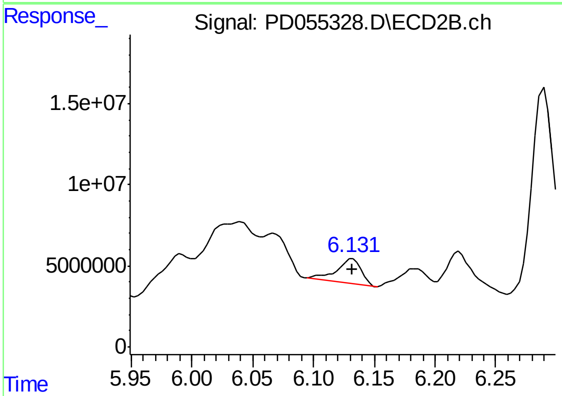
```
     R.T.:    6.068 min
Delta R.T.:    0.008 min
  Response:  10501078
      Conc:   8.58 ng/ml
```



#11 cis-Chlordane

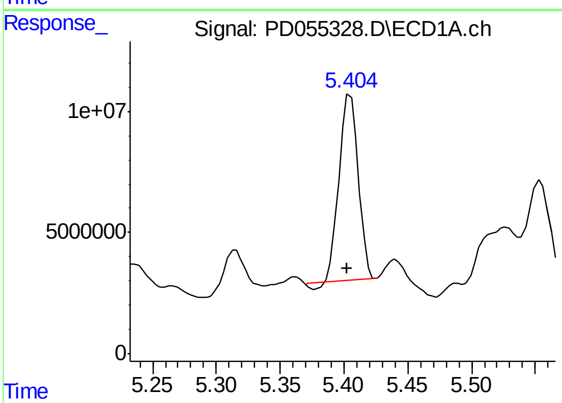
R.T.: 5.236 min
Delta R.T.: 0.002 min
Response: 6779545
Conc: 9.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



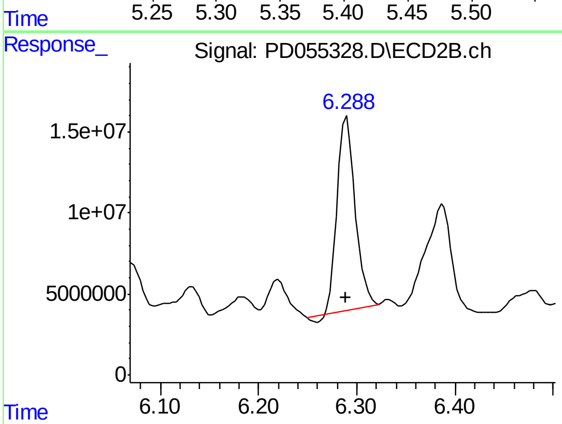
#11 cis-Chlordane

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 21434440
Conc: 18.17 ng/ml



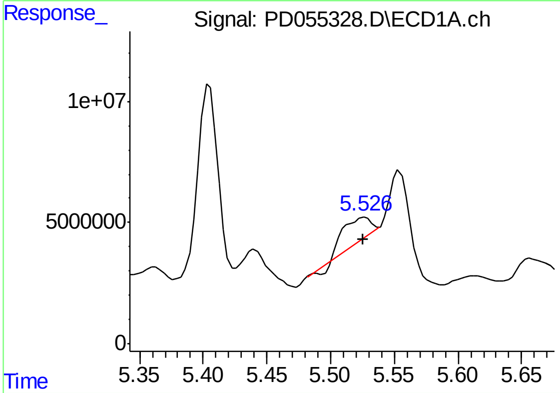
#12 4,4'-DDE

R.T.: 5.405 min
Delta R.T.: 0.003 min
Response: 79003848
Conc: 101.57 ng/ml



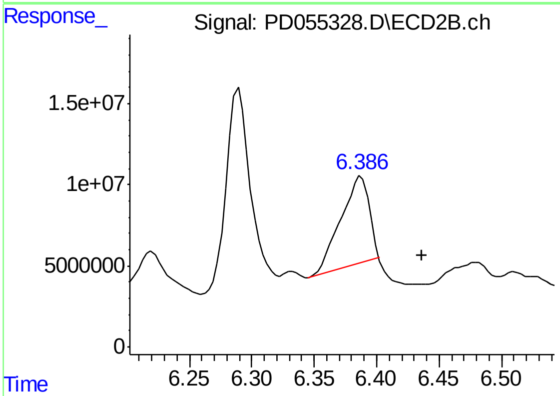
#12 4,4'-DDE

R.T.: 6.290 min
Delta R.T.: 0.001 min
Response: 149018033
Conc: 124.14 ng/ml



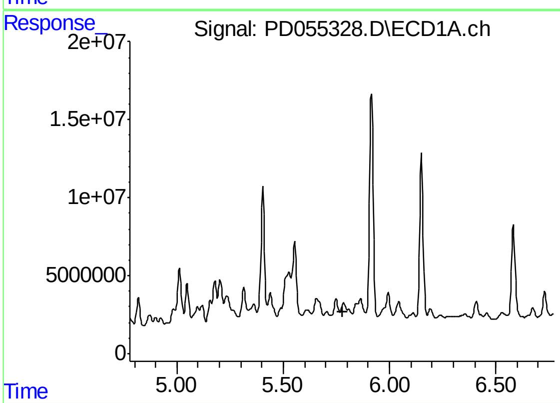
#13 Dieldrin

```
      R.T.:    5.527 min
Delta R.T.:    0.002 min
  Response:  12055423
      Conc:  15.05 ng/ml
```



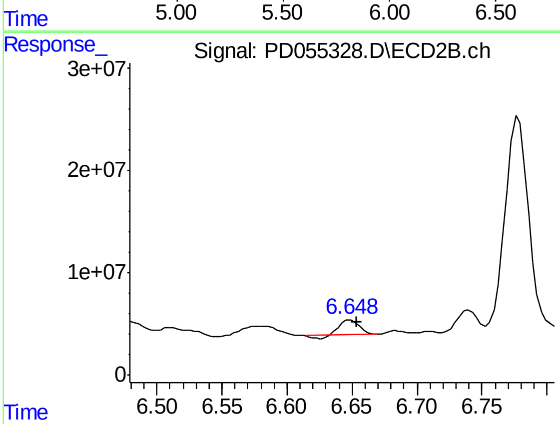
#13 Dieldrin

```
      R.T.:    6.388 min
Delta R.T.:   -0.049 min
  Response:  86187106
      Conc:  68.22 ng/ml
```



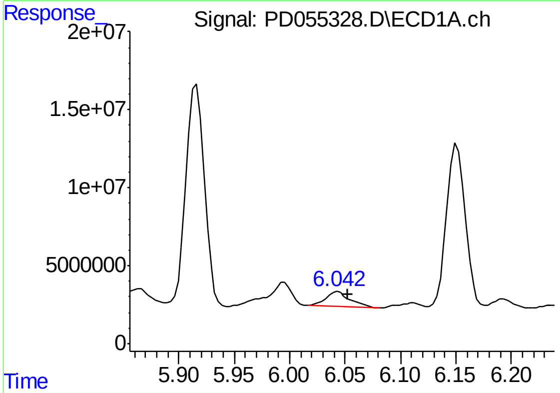
#14 Endrin

```
      R.T.:    5.785 min
Delta R.T.:    0.006 min
  Response:   -977638
      Conc:   N.D.
```



#14 Endrin

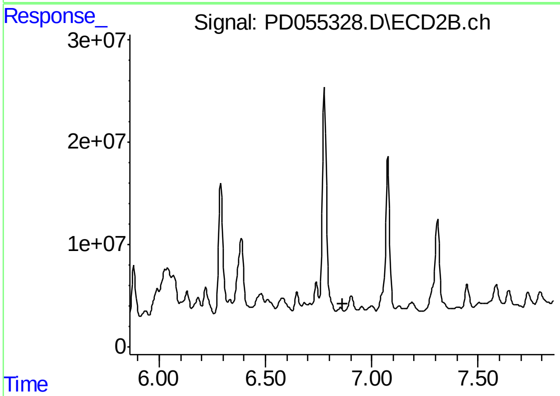
```
      R.T.:    6.649 min
Delta R.T.:   -0.004 min
  Response:  13472170
      Conc:  13.62 ng/ml
```



#15 Endosulfan II

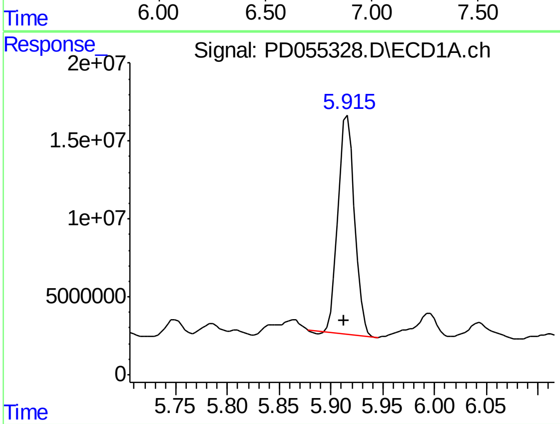
R.T.: 6.043 min
Delta R.T.: -0.009 min
Response: 14176455
Conc: 19.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



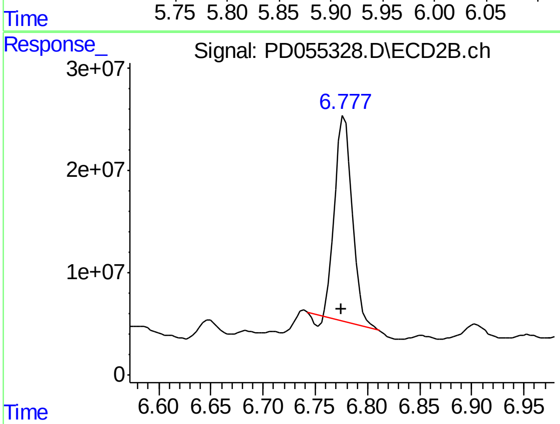
#15 Endosulfan II

R.T.: 6.852 min
Delta R.T.: -0.009 min
Response: -4842247
Conc: N.D.



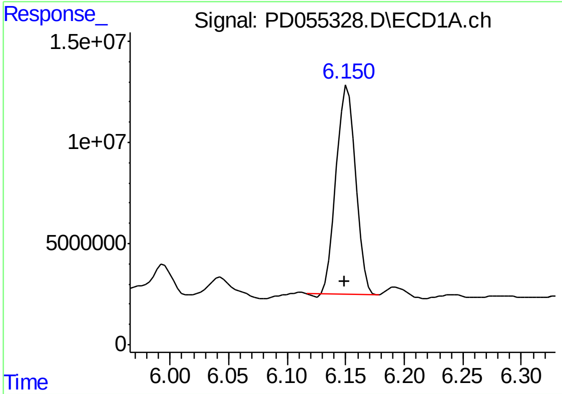
#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: 0.003 min
Response: 157526337
Conc: 271.01 ng/ml



#16 4,4'-DDD

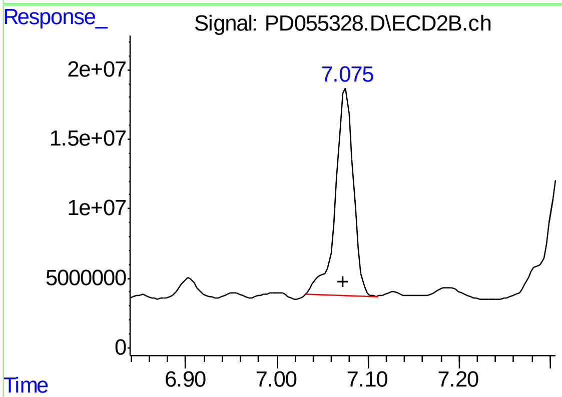
R.T.: 6.778 min
Delta R.T.: 0.003 min
Response: 230939191
Conc: 226.38 ng/ml



#17 4,4'-DDT

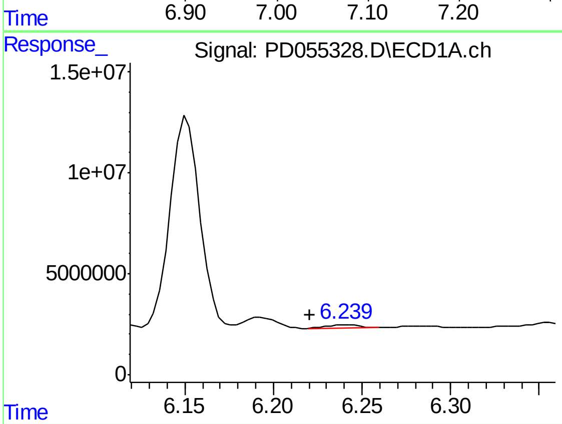
R.T.: 6.151 min
Delta R.T.: 0.002 min
Response: 116527633
Conc: 290.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



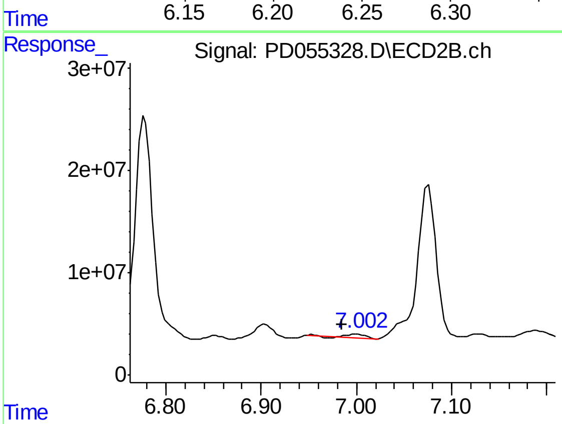
#17 4,4'-DDT

R.T.: 7.076 min
Delta R.T.: 0.003 min
Response: 203806415
Conc: 218.07 ng/ml



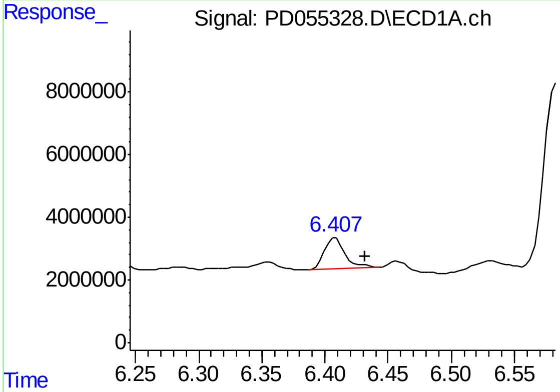
#18 Endrin aldehyde

R.T.: 6.241 min
Delta R.T.: 0.020 min
Response: 2101807
Conc: 3.37 ng/ml



#18 Endrin aldehyde

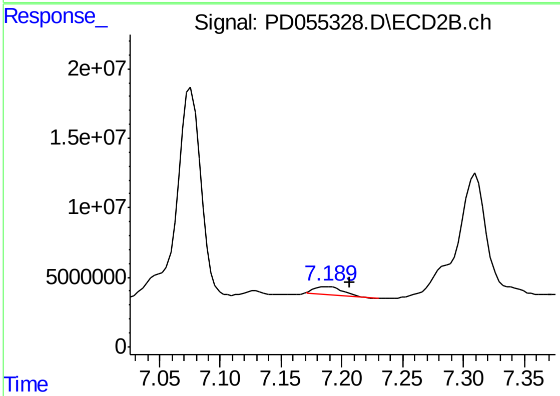
R.T.: 7.001 min
Delta R.T.: 0.016 min
Response: 3885972
Conc: 4.03 ng/ml



#19 Endosulfan Sulfate

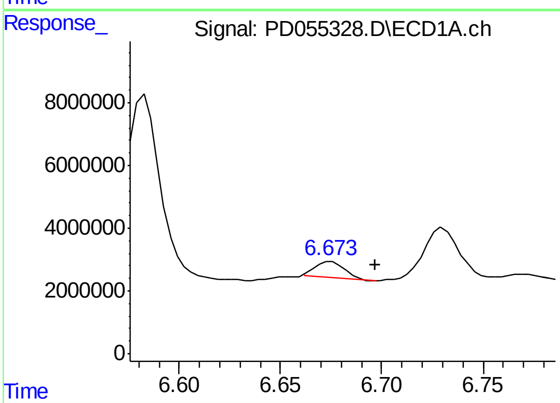
R.T.: 6.408 min
Delta R.T.: -0.023 min
Response: 11739386
Conc: 17.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



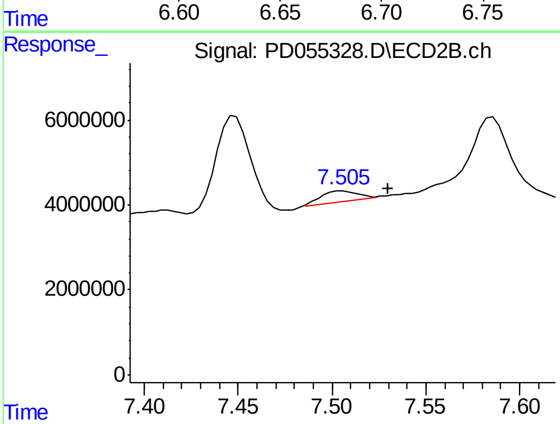
#19 Endosulfan Sulfate

R.T.: 7.188 min
Delta R.T.: -0.018 min
Response: 8793819
Conc: 8.12 ng/ml



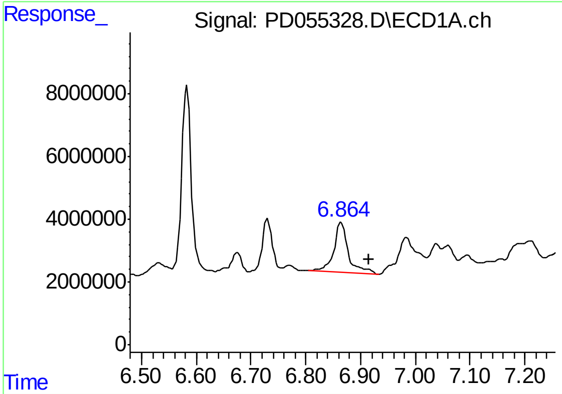
#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.022 min
Response: 4811079
Conc: 22.07 ng/ml



#20 Methoxychlor

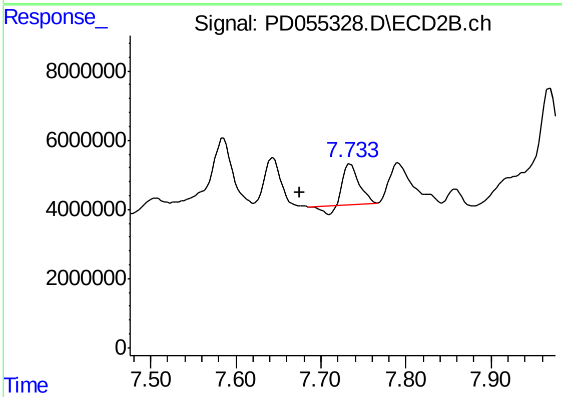
R.T.: 7.506 min
Delta R.T.: -0.024 min
Response: 3120767
Conc: 5.72 ng/ml



#21 Endrin ketone

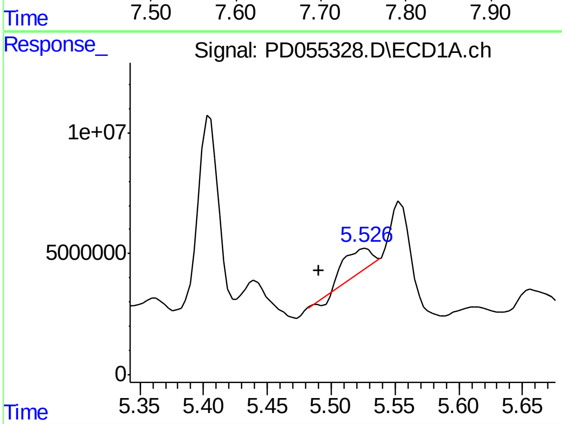
R.T.: 6.865 min
Delta R.T.: -0.051 min
Response: 30144475
Conc: 42.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



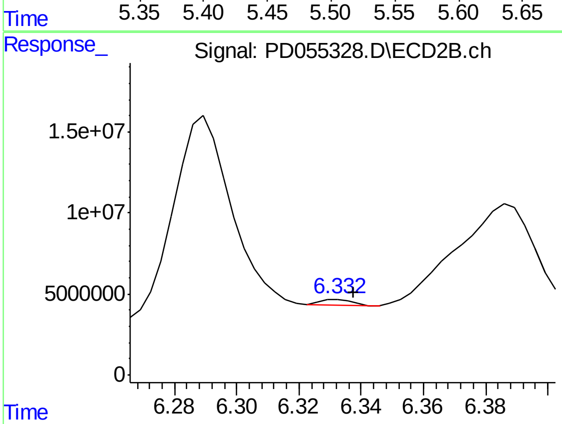
#21 Endrin ketone

R.T.: 7.735 min
Delta R.T.: 0.059 min
Response: 13009570
Conc: 11.02 ng/ml



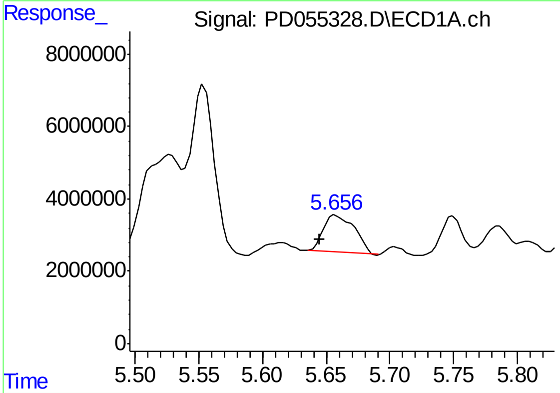
#22 Toxaphene-1

R.T.: 5.527 min
Delta R.T.: 0.037 min
Response: 12055423
Conc: 2603.44 ng/ml



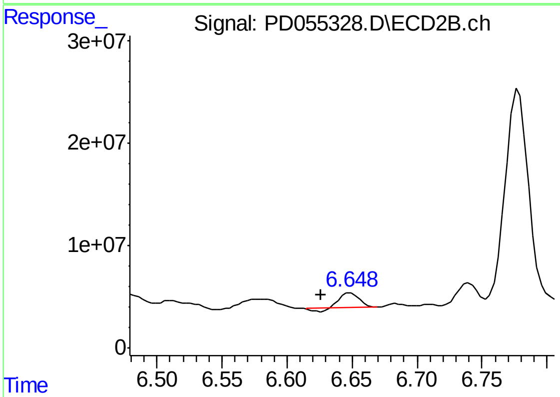
#22 Toxaphene-1

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 2293775
Conc: 387.24 ng/ml

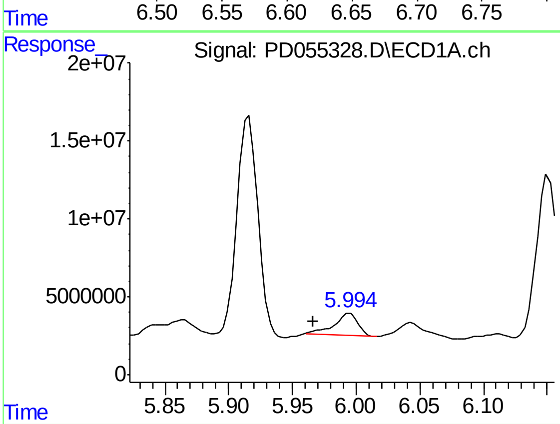



```
#23  Toxaphene-2

      R.T.:    5.657 min
Delta R.T.:    0.012 min
  Response:  17697495
      Conc: 4098.43 ng/ml
```

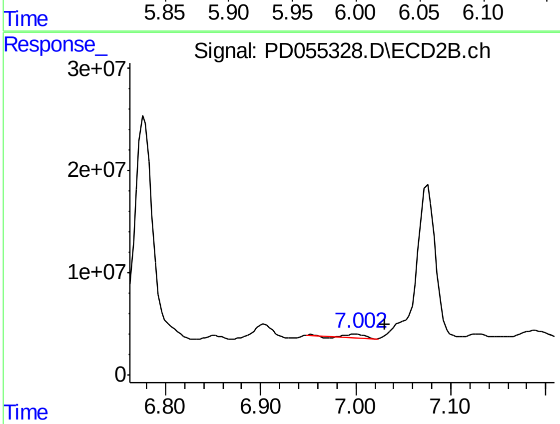
Instrument :
ECD_D
ClientSampleId :
BFB74



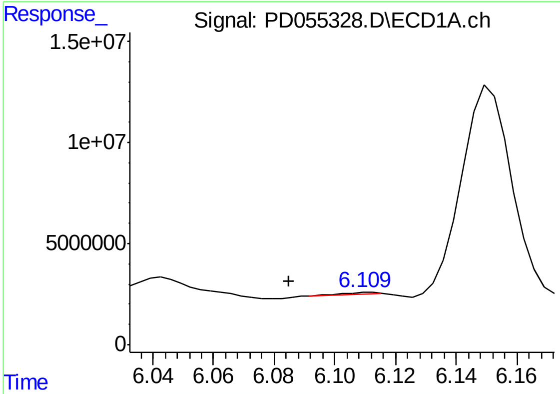

```
#23  Toxaphene-2

      R.T.:    6.649 min
Delta R.T.:    0.022 min
  Response:  13472170
      Conc: 1781.15 ng/ml
```




```
#24  Toxaphene-3

      R.T.:    5.995 min
Delta R.T.:    0.029 min
  Response:  18369615
      Conc: 4623.36 ng/ml
```



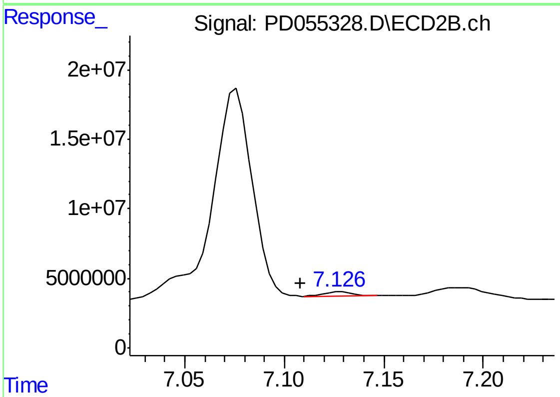

```
#24  Toxaphene-3

      R.T.:    7.001 min
Delta R.T.:   -0.030 min
  Response:    3885972
      Conc: 375.53 ng/ml
```



#25 Toxaphene-4

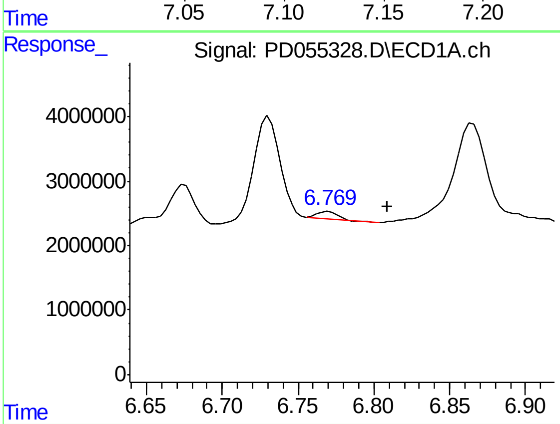
R.T.: 6.112 min
Delta R.T.: 0.027 min
Response: 902336
Conc: 78.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



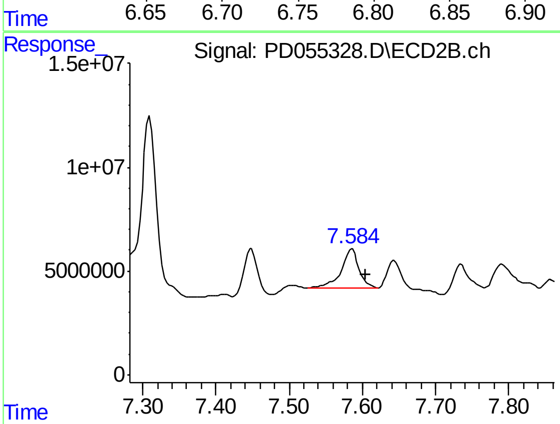
#25 Toxaphene-4

R.T.: 7.128 min
Delta R.T.: 0.020 min
Response: 2940886
Conc: 100.17 ng/ml



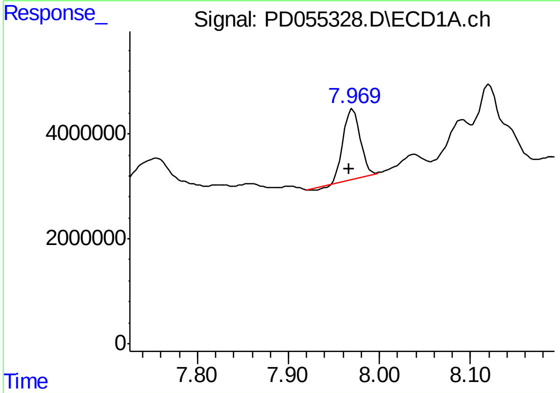
#26 Toxaphene-5

R.T.: 6.770 min
Delta R.T.: -0.038 min
Response: 959227
Conc: 79.01 ng/ml



#26 Toxaphene-5

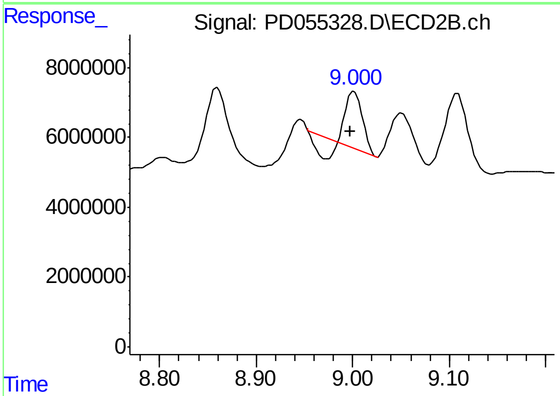
R.T.: 7.586 min
Delta R.T.: -0.019 min
Response: 31654446
Conc: 2256.86 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.971 min
Delta R.T.: 0.004 min
Response: 16913365
Conc: 24.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
BFB74



#27 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: 0.004 min
Response: 14153862
Conc: 14.34 ng/ml