Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111618\
Data File : PD050393.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On   : 16 Nov 2018 11:31
Operator : AJ\SJ
Sample   : J5939-01
Misc   :
ALS Vial : 65   Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 11:47:48 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111618.M
Quant Title : GC Extractables
QLast Update : Fri Nov 16 02:59:21 2018
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

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

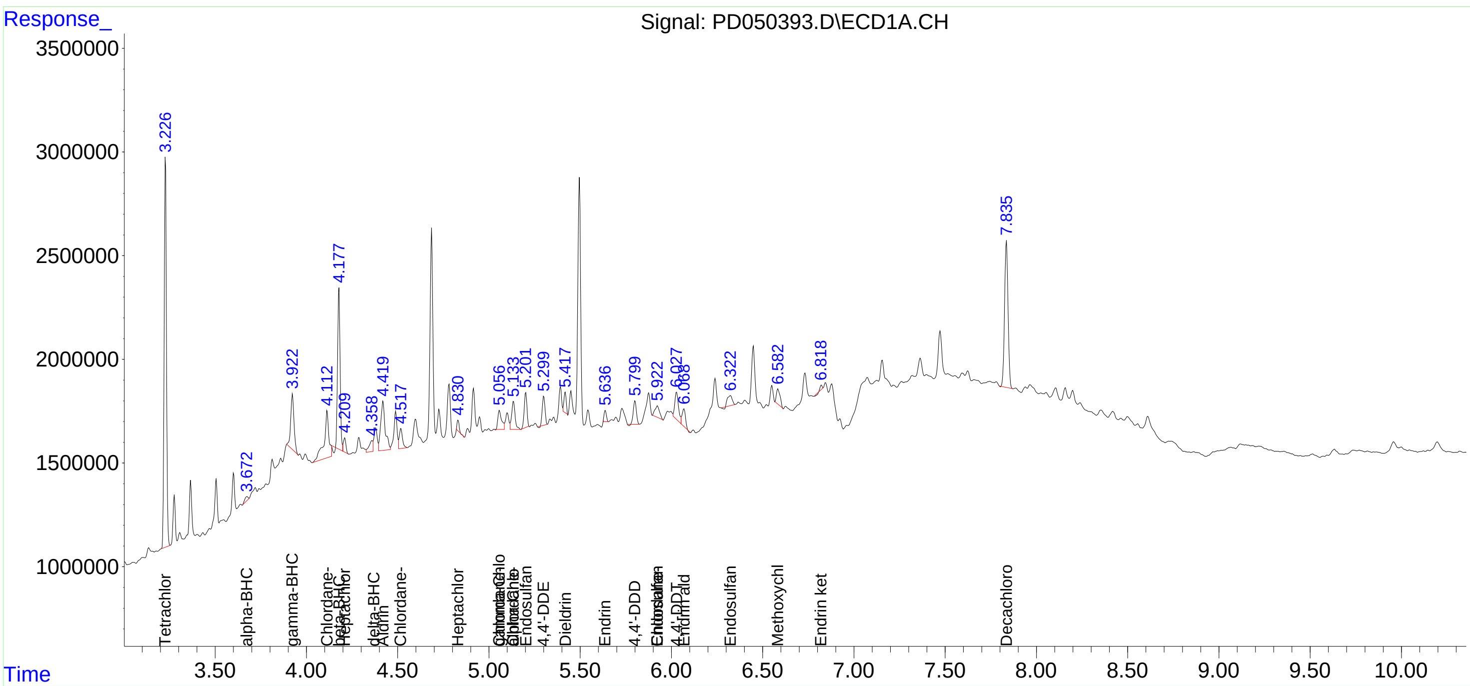
		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.228	4.044	16545820	251.2E6	11.370	9.122	
28)	SA	Decachlor...	7.836	9.153	9373904	94220241	6.332	4.655	#
		Target Compounds							
2)	A	alpha-BHC	3.675	4.427	235046	4953940	0.100	0.117	
3)	MA	gamma-BHC...	3.924	4.726	3380259	4320105	1.449	0.114	#
4)	MA	Heptachlor	4.211	5.238	644691	4590975	0.292	0.121	#
5)	MB	Aldrin	4.420	5.566	4066480	8416940	1.774	0.235	#
6)	B	beta-BHC	4.179	0.000	7357957	0	8.048	N.D.	#
7)	B	delta-BHC	4.360	5.135	738555	121.5E6	0.339	3.255	#
8)	B	Heptachlo...	4.831	5.921	426559	24686207	0.201	0.777	#
9)	A	Endosulfan I	5.202	6.268	1783904	5151083	0.885	0.181	#
10)	B	gamma-Chl...	5.058	6.156	1299032	30871930	0.589	0.974	#
11)	B	alpha-Chl...	5.135	6.239	1805175	1537794	0.828	0.051	#
12)	B	4,4'-DDE	5.301	6.397	1449160	36173693	0.707	1.230	#
13)	MA	Dieldrin	5.418	0.000	901858	0	0.408	N.D.	#
14)	MA	Endrin	5.638	6.757	491912	17233618	0.256	0.715	#
15)	B	Endosulfa...	5.924	6.944	986101	22235064	0.517	0.911	#
16)	A	4,4'-DDD	5.801	6.889	1317456	17503183	0.769	0.767	
17)	MA	4,4'-DDT	6.028	7.227f	1903173	-12466041	1.074	N.D.	#
18)	B	Endrin al...	6.069	0.000	1099286	0	0.725	N.D.	#
19)	B	Endosulfa...	6.324	7.297	872588	5913782	0.470	0.243	#
20)	A	Methoxychlor	6.584	7.644	1030978	5156183	1.080	0.464	#
21)	B	Endrin ke...	6.822f	7.795	79756	838464	0.037	0.036	
23)		Chlordane-1	4.114	0.000	4195091	0	62.282	N.D.	#
24)		Chlordane-2	4.518	5.512	1179438	1997707	14.985	1.601	#
25)		Chlordane-3	5.058	6.156	1299032	30871930	5.591	7.664	#
26)		Chlordane-4	5.135	6.239	1805175	1537794	8.108	0.336	#
27)		Chlordane-5	5.924	0.000	986101	0	12.976	N.D.	#

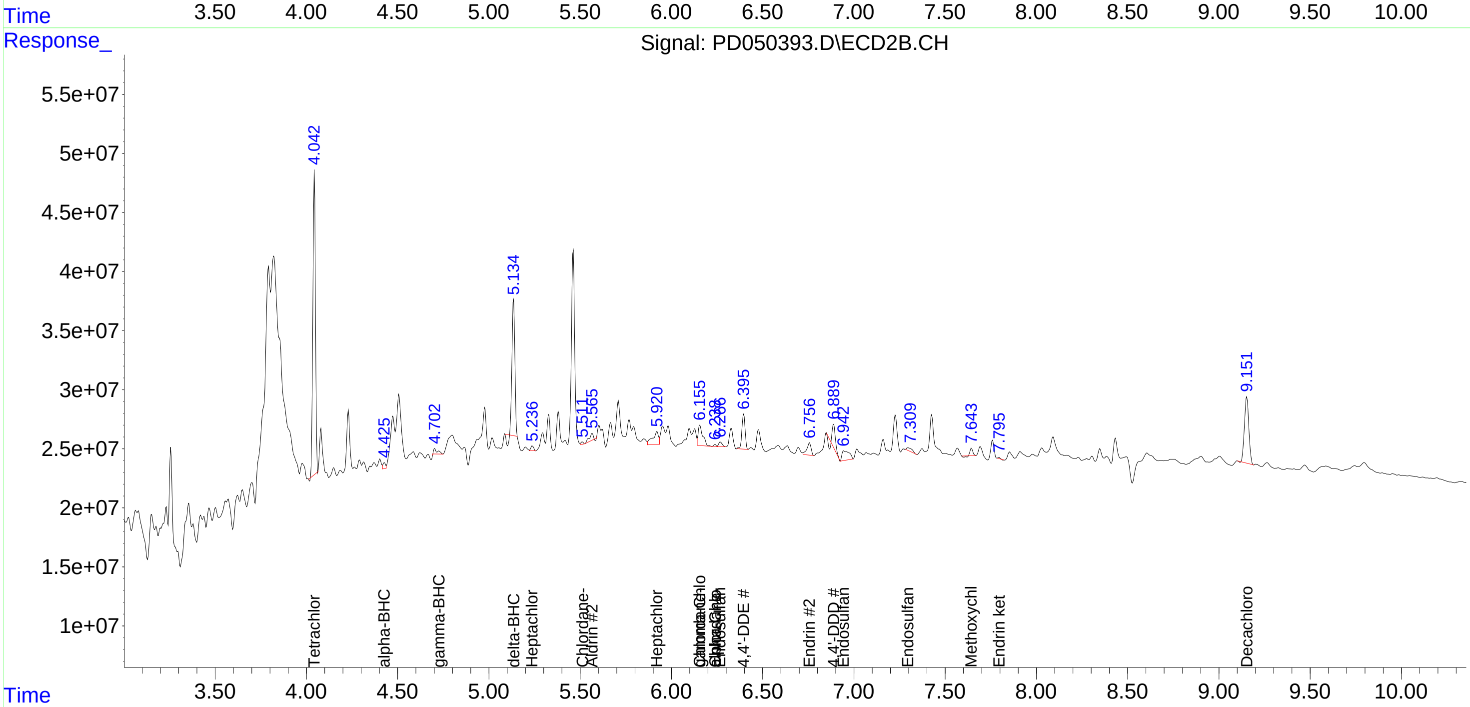
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

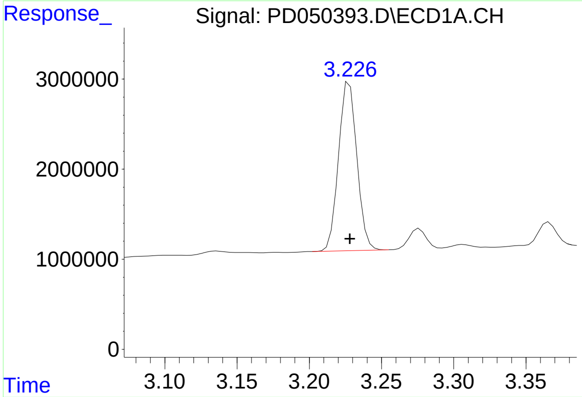
Quantitation Report (Not Reviewed)

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111618\
Data File : PD050393.D
Signal(s) : Signal #1: ECD1A.CH  Signal #2: ECD2B.CH
Acq On    : 16 Nov 2018  11:31
Operator  : AJ\SJ
Sample    : J5939-01
Misc      :
ALS Vial  : 65   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 11:47:48 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111618.M
Quant Title  : GC Extractables
QLast Update : Fri Nov 16 02:59:21 2018
Response via : Initial Calibration
Integrator: ChemStation   6890 Scale Mode: Large solvent peaks clipped

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
```

Instrument :
ECD_D
ClientSampleId :



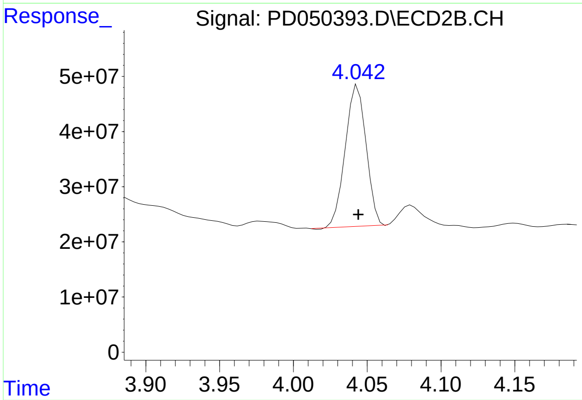




#1 Tetrachloro-m-xylene

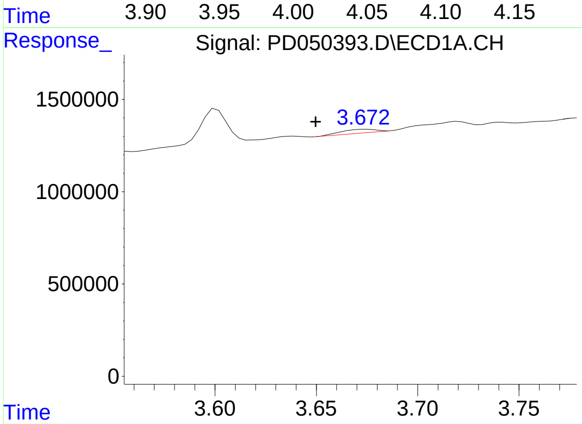
R.T.: 3.228 min
Delta R.T.: 0.000 min
Response: 16545820
Conc: 11.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



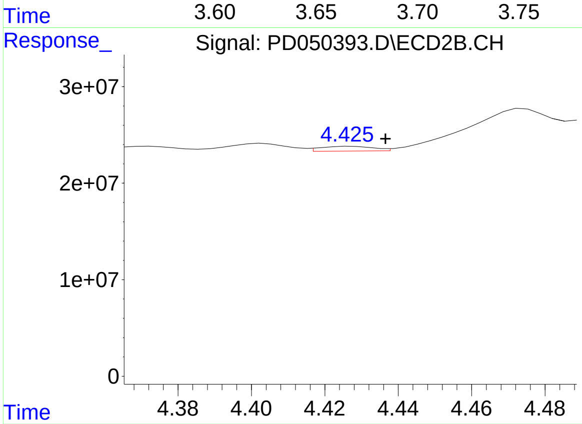
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 251240652
Conc: 9.12 ng/ml



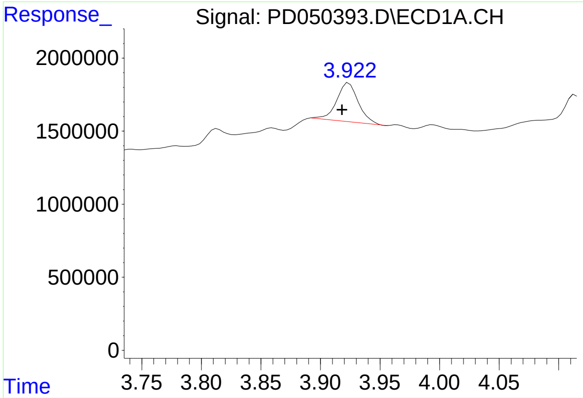
#2 alpha-BHC

R.T.: 3.675 min
Delta R.T.: 0.025 min
Response: 235046
Conc: 0.10 ng/ml



#2 alpha-BHC

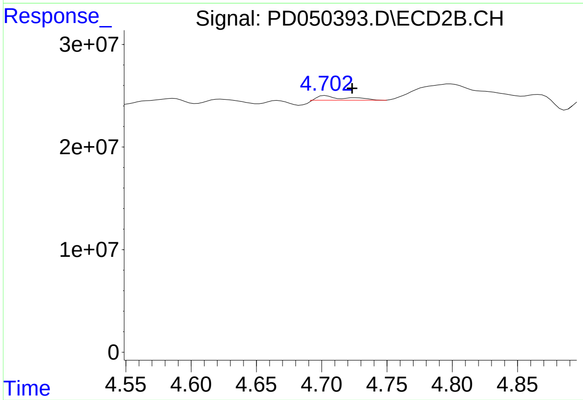
R.T.: 4.427 min
Delta R.T.: -0.009 min
Response: 4953940
Conc: 0.12 ng/ml



#3 gamma-BHC (Lindane)

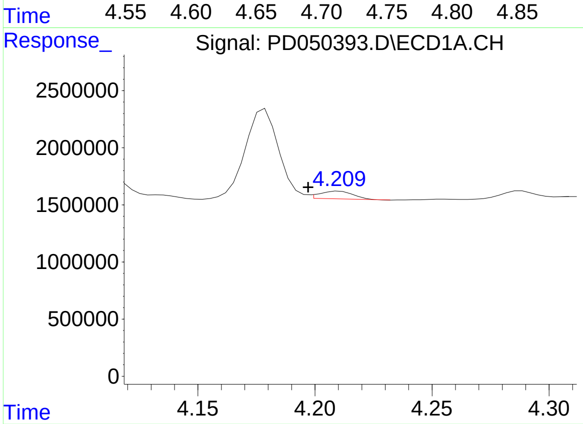
R.T.: 3.924 min
Delta R.T.: 0.006 min
Response: 3380259
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



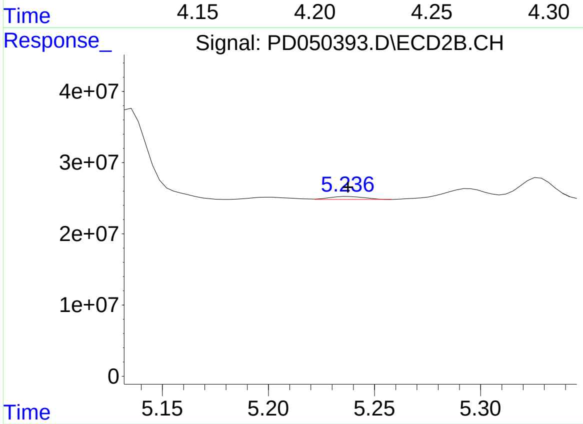
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: 0.003 min
Response: 4320105
Conc: 0.11 ng/ml



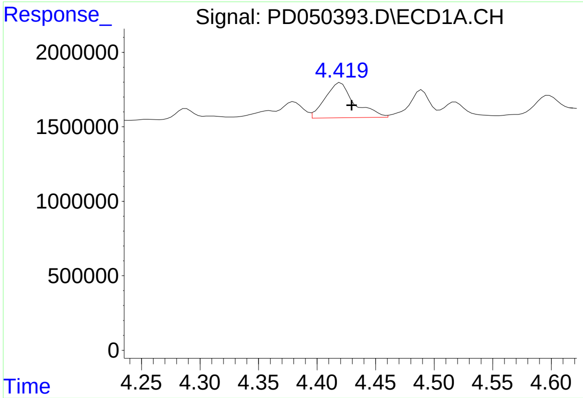
#4 Heptachlor

R.T.: 4.211 min
Delta R.T.: 0.013 min
Response: 644691
Conc: 0.29 ng/ml



#4 Heptachlor

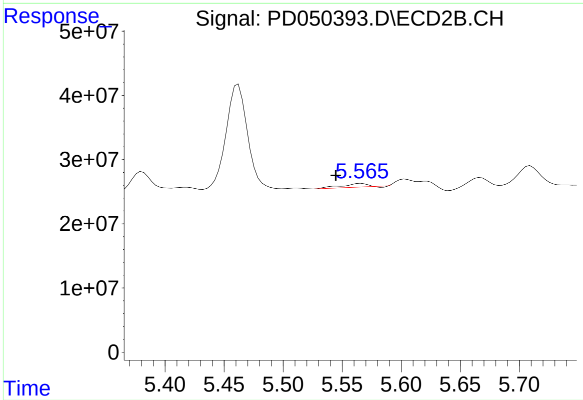
R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 4590975
Conc: 0.12 ng/ml



#5 Aldrin

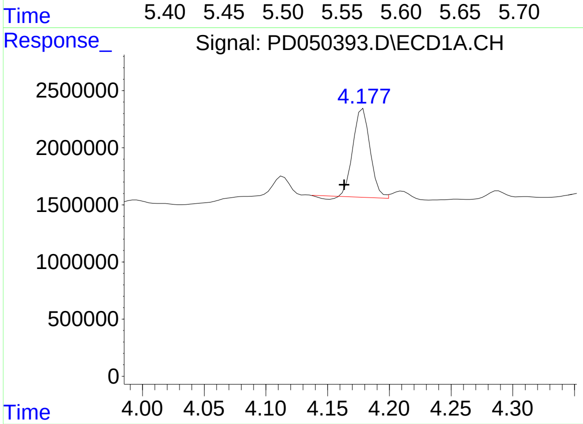
```
      R.T.:    4.420 min
Delta R.T.:   -0.009 min
  Response:   4066480
      Conc:   1.77 ng/ml
```

Instrument :
ECD_D
ClientSampleId :



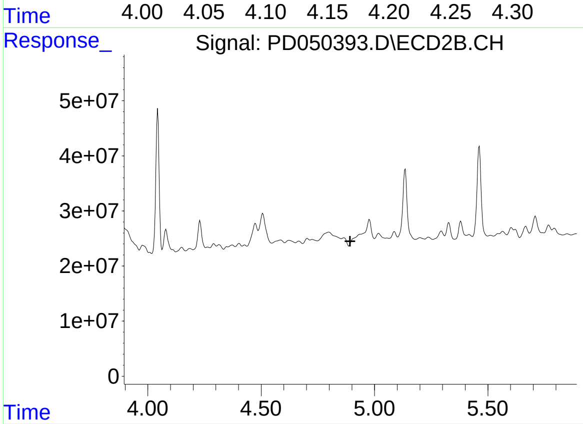
#5 Aldrin

```
      R.T.:    5.566 min
Delta R.T.:    0.021 min
  Response:   8416940
      Conc:   0.24 ng/ml
```



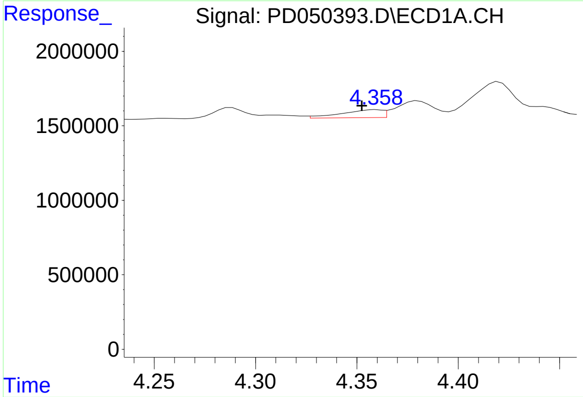
#6 beta-BHC

```
      R.T.:    4.179 min
Delta R.T.:    0.015 min
  Response:   7357957
      Conc:   8.05 ng/ml
```



#6 beta-BHC

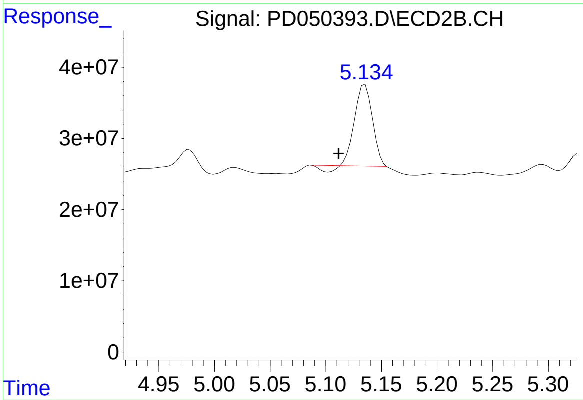
```
      R.T.:    0.000 min
Exp R.T.  :    4.892 min
  Response:          0
      Conc:   N.D.
```



#7 delta-BHC

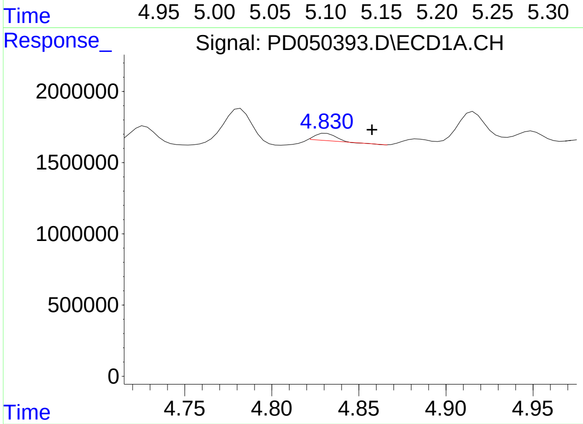
R.T.: 4.360 min
Delta R.T.: 0.007 min
Response: 738555
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



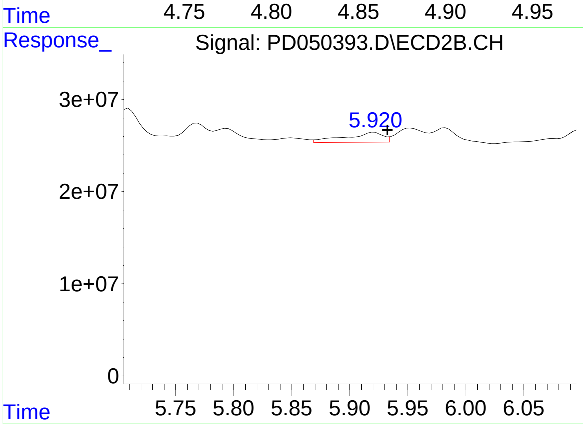
#7 delta-BHC

R.T.: 5.135 min
Delta R.T.: 0.024 min
Response: 121509614
Conc: 3.25 ng/ml



#8 Heptachlor epoxide

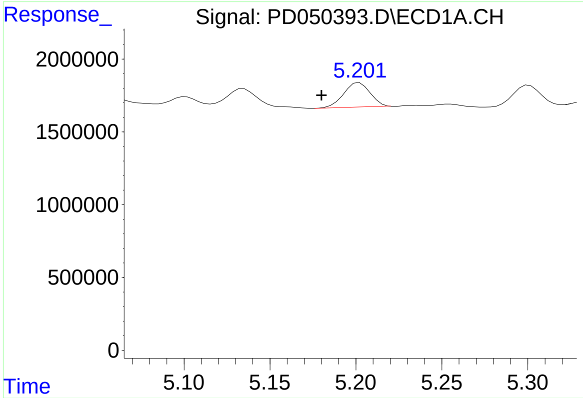
R.T.: 4.831 min
Delta R.T.: -0.026 min
Response: 426559
Conc: 0.20 ng/ml



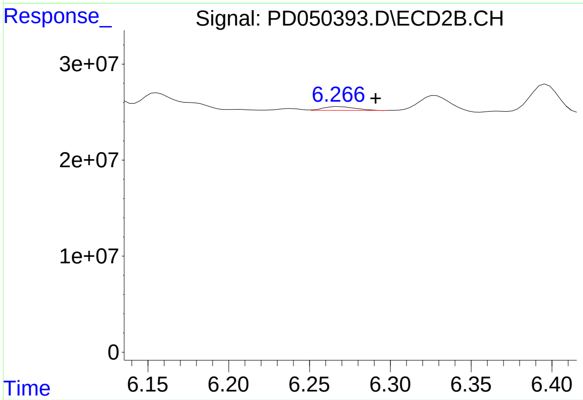
#8 Heptachlor epoxide

R.T.: 5.921 min
Delta R.T.: -0.012 min
Response: 24686207
Conc: 0.78 ng/ml

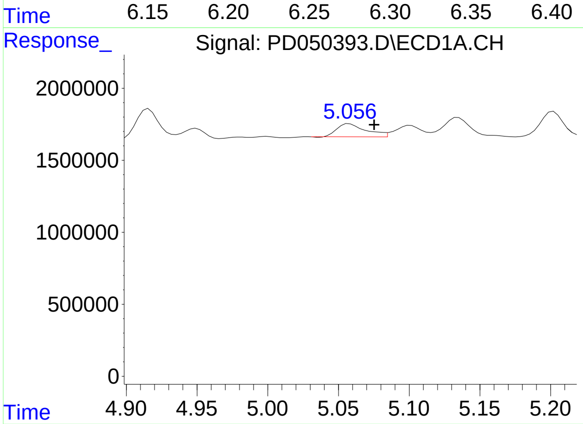
Instrument :
ECD_D
ClientSampleId :



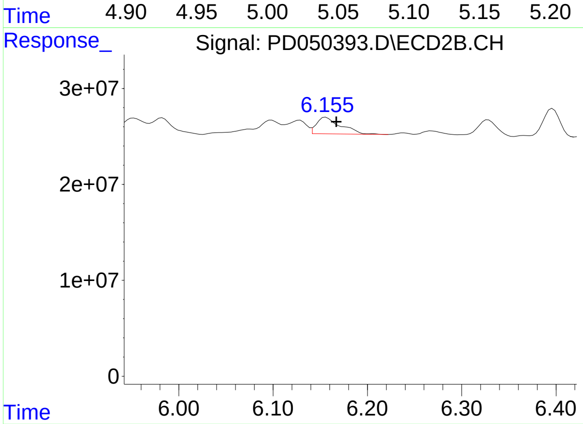

```
#9   Endosulfan I

      R.T.:     5.202 min
Delta R.T.:     0.022 min
  Response:    1783904
      Conc:    0.89 ng/ml
```



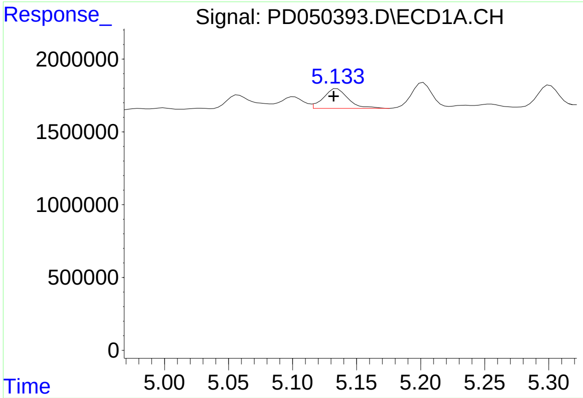

```
#9   Endosulfan I

      R.T.:     6.268 min
Delta R.T.:    -0.023 min
  Response:    5151083
      Conc:    0.18 ng/ml
```




```
#10   gamma-Chlordane

      R.T.:     5.058 min
Delta R.T.:    -0.018 min
  Response:    1299032
      Conc:    0.59 ng/ml
```



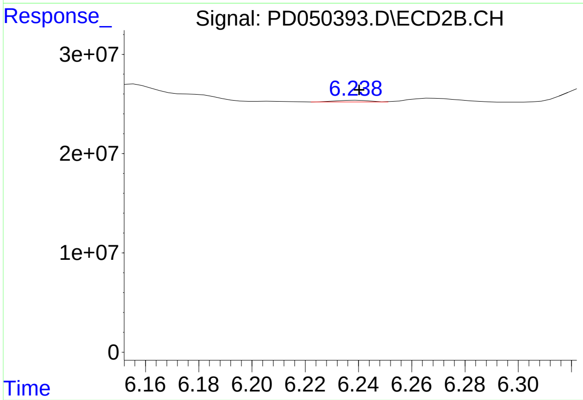

```
#10   gamma-Chlordane

      R.T.:     6.156 min
Delta R.T.:    -0.011 min
  Response:   30871930
      Conc:    0.97 ng/ml
```



#11 alpha-Chlordane

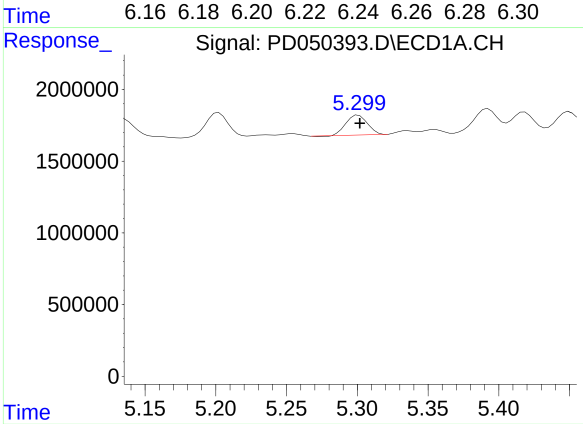
R.T.: 5.135 min
Delta R.T.: 0.003 min
Response: 1805175
Conc: 0.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



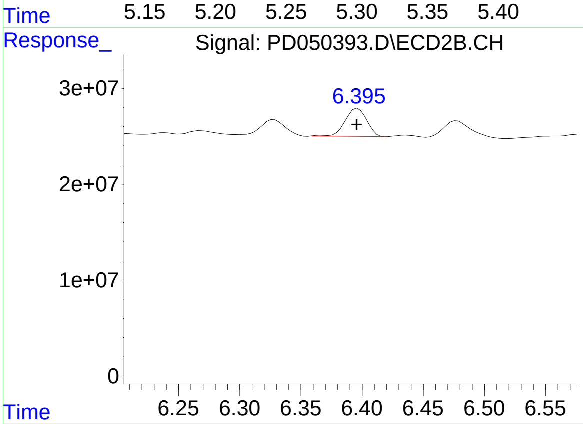
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: -0.001 min
Response: 1537794
Conc: 0.05 ng/ml



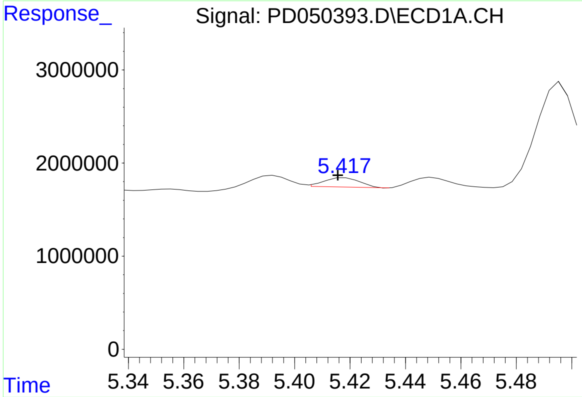
#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 1449160
Conc: 0.71 ng/ml



#12 4,4'-DDE

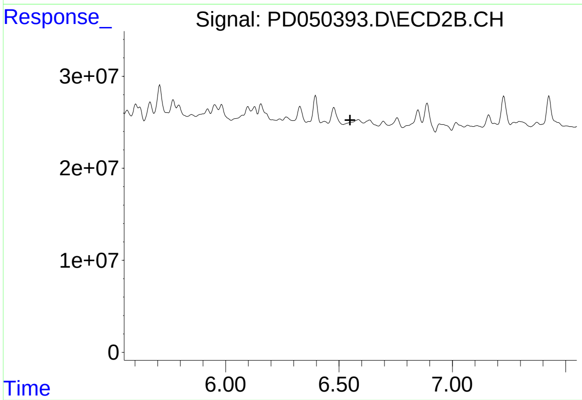
R.T.: 6.397 min
Delta R.T.: 0.001 min
Response: 36173693
Conc: 1.23 ng/ml



#13 Dieldrin

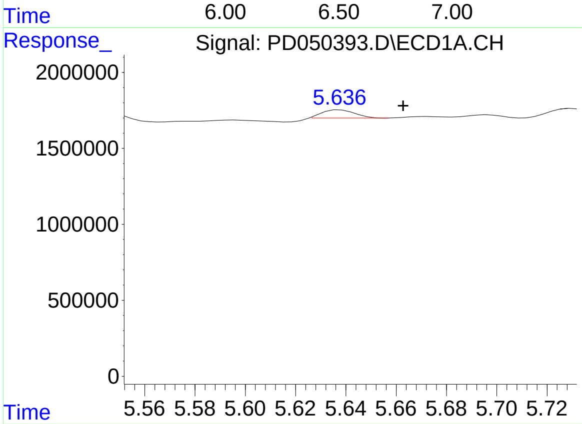
R.T.: 5.418 min
Delta R.T.: 0.003 min
Response: 901858
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :



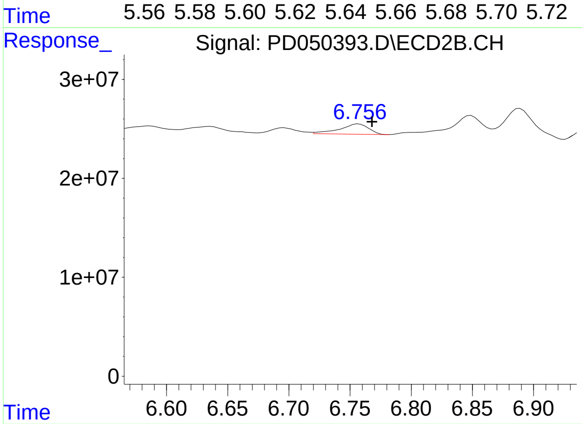
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.549 min
Response: 0
Conc: N.D.



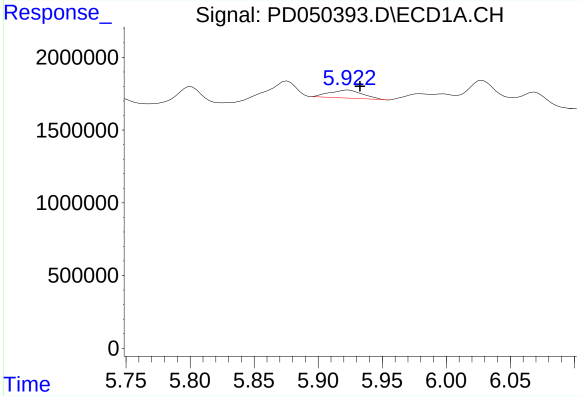
#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.025 min
Response: 491912
Conc: 0.26 ng/ml



#14 Endrin

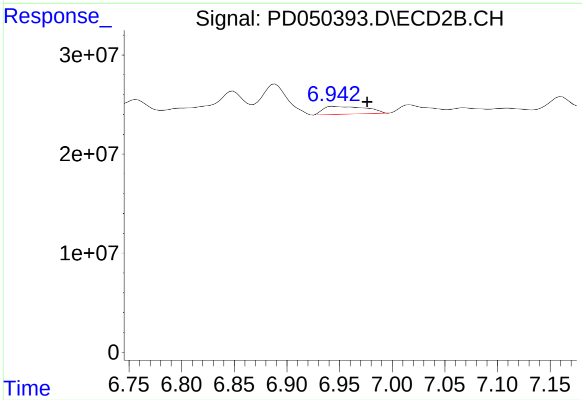
R.T.: 6.757 min
Delta R.T.: -0.011 min
Response: 17233618
Conc: 0.72 ng/ml



#15 Endosulfan II

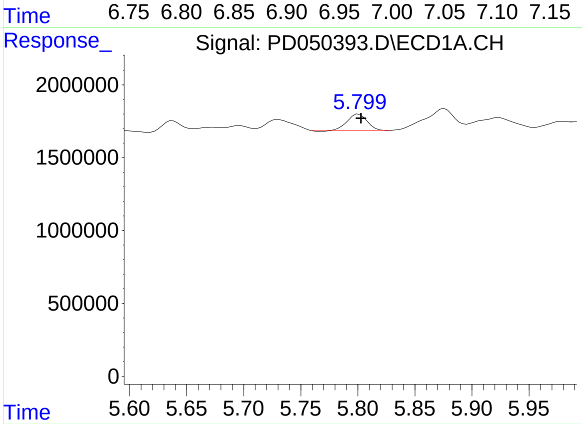
R.T.: 5.924 min
Delta R.T.: -0.009 min
Response: 986101
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :



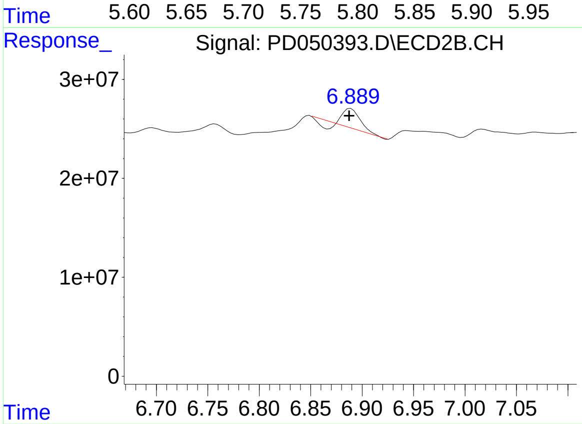
#15 Endosulfan II

R.T.: 6.944 min
Delta R.T.: -0.032 min
Response: 22235064
Conc: 0.91 ng/ml



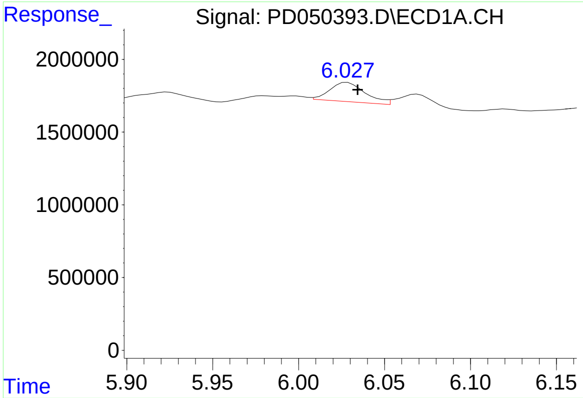
#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 1317456
Conc: 0.77 ng/ml



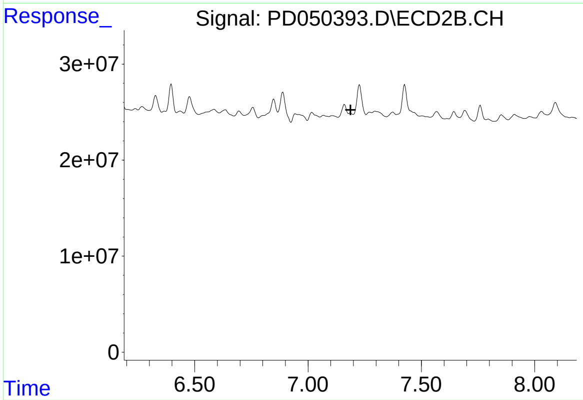
#16 4,4'-DDD

R.T.: 6.889 min
Delta R.T.: 0.002 min
Response: 17503183
Conc: 0.77 ng/ml

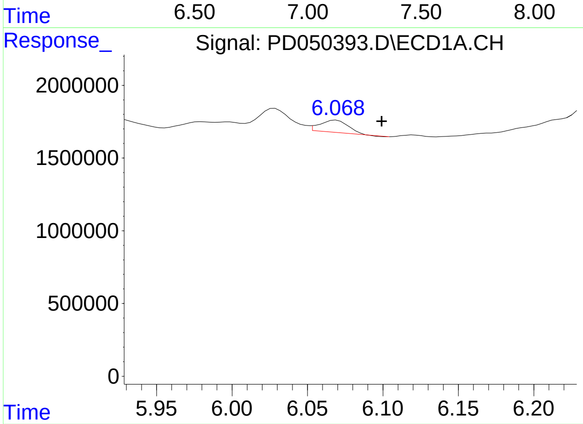



```
#17  4,4'-DDT

      R.T.:    6.028 min
Delta R.T.:   -0.006 min
  Response:   1903173
      Conc:   1.07 ng/ml
```

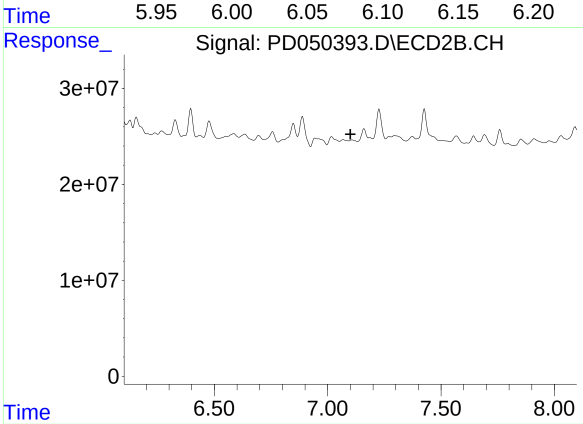
Instrument :
ECD_D
ClientSampleId :



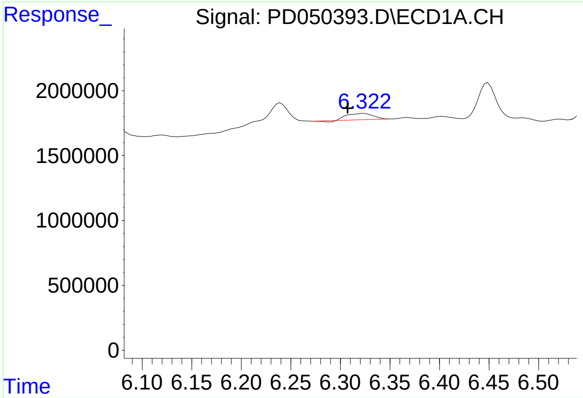

```
#17  4,4'-DDT

      R.T.:    7.227 min
Delta R.T.:    0.040 min
  Response: -12466041
      Conc:   N.D.
```




```
#18  Endrin aldehyde

      R.T.:    6.069 min
Delta R.T.:   -0.030 min
  Response:   1099286
      Conc:   0.73 ng/ml
```



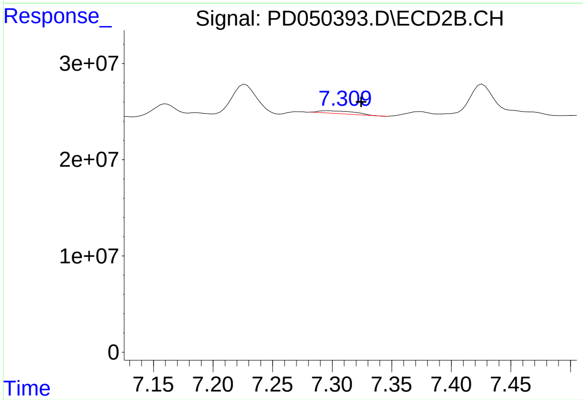

```
#18  Endrin aldehyde

      R.T.:    0.000 min
Exp R.T.  :    7.100 min
  Response:        0
      Conc:   N.D.
```



#19 Endosulfan Sulfate

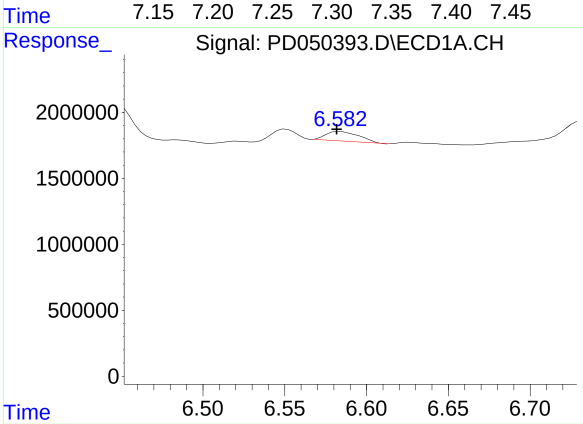
R.T.: 6.324 min
Delta R.T.: 0.016 min
Response: 872588
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



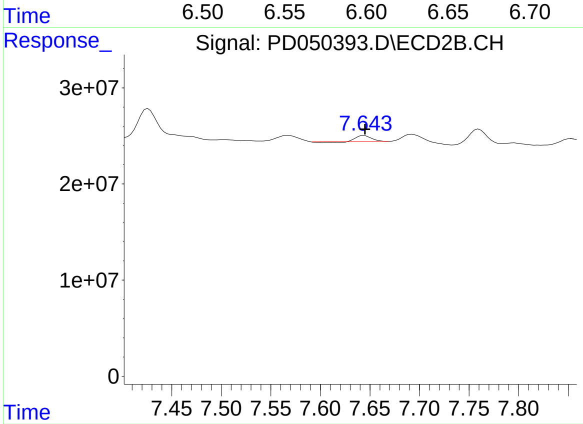
#19 Endosulfan Sulfate

R.T.: 7.297 min
Delta R.T.: -0.028 min
Response: 5913782
Conc: 0.24 ng/ml



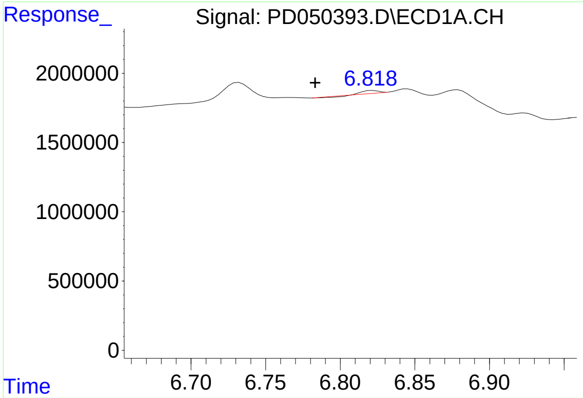
#20 Methoxychlor

R.T.: 6.584 min
Delta R.T.: 0.002 min
Response: 1030978
Conc: 1.08 ng/ml



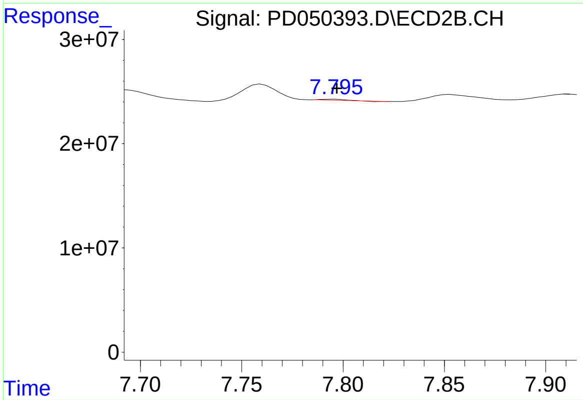
#20 Methoxychlor

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 5156183
Conc: 0.46 ng/ml



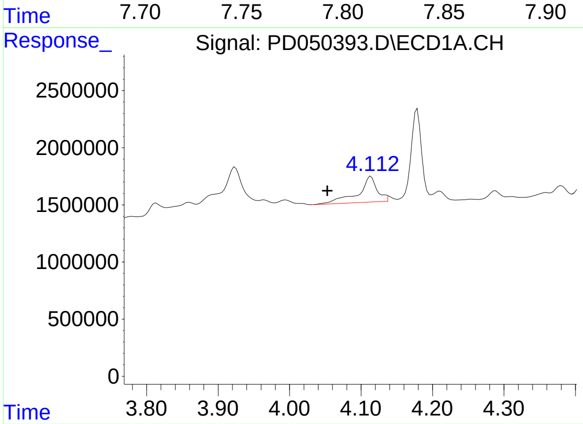
#21 Endrin ketone

R.T.: 6.822 min
Delta R.T.: 0.038 min
Response: 79756
Conc: 0.04 ng/ml



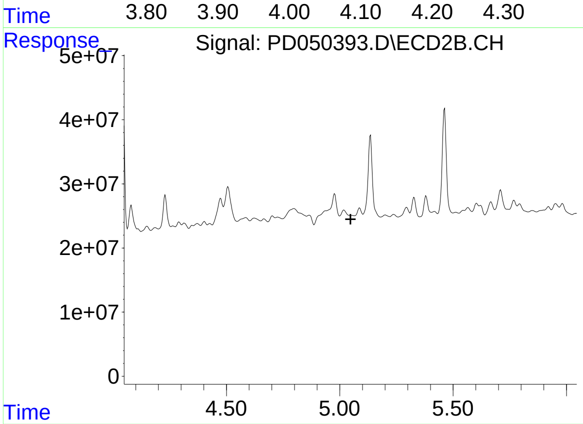
#21 Endrin ketone

R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 838464
Conc: 0.04 ng/ml



#23 Chlordane-1

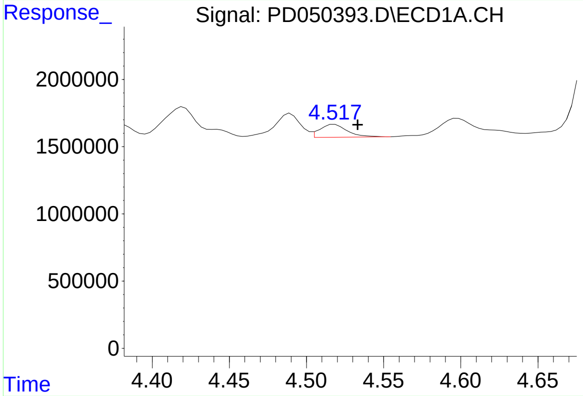
R.T.: 4.114 min
Delta R.T.: 0.061 min
Response: 4195091
Conc: 62.28 ng/ml



#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.048 min
Response: 0
Conc: N.D.

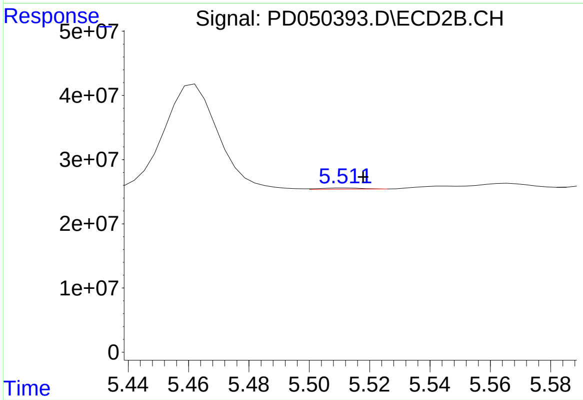
Instrument :
ECD_D
ClientSampleId :



#24 Chlordane-2

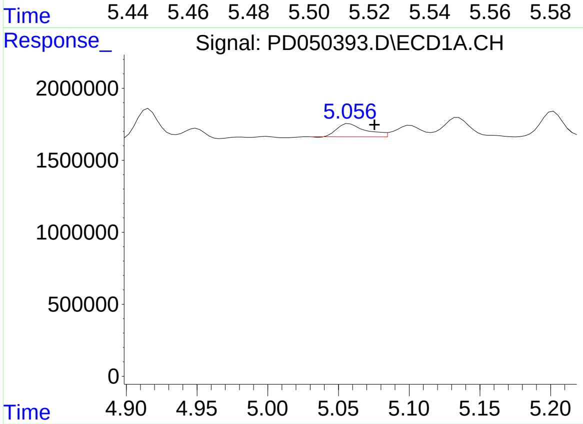
R.T.: 4.518 min
Delta R.T.: -0.015 min
Response: 1179438
Conc: 14.99 ng/ml

Instrument :
ECD_D
ClientSampleId :



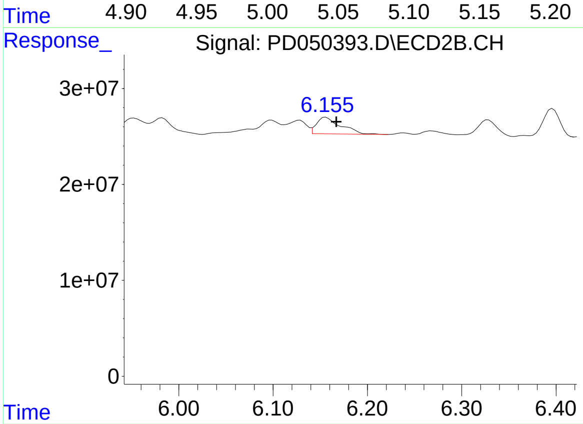
#24 Chlordane-2

R.T.: 5.512 min
Delta R.T.: -0.006 min
Response: 1997707
Conc: 1.60 ng/ml



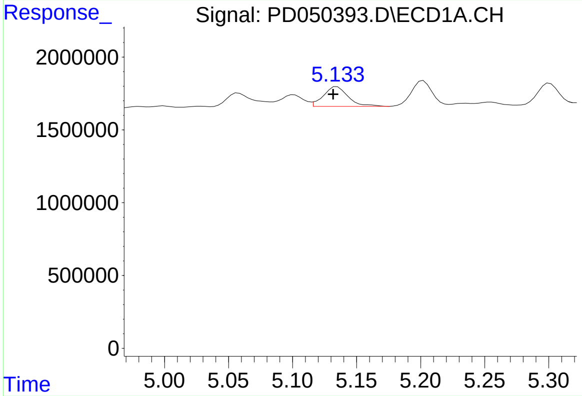
#25 Chlordane-3

R.T.: 5.058 min
Delta R.T.: -0.018 min
Response: 1299032
Conc: 5.59 ng/ml



#25 Chlordane-3

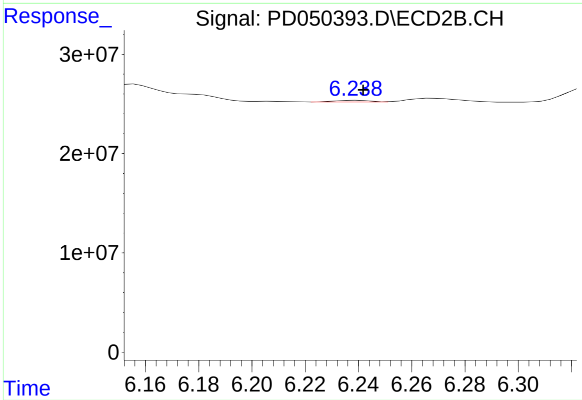
R.T.: 6.156 min
Delta R.T.: -0.011 min
Response: 30871930
Conc: 7.66 ng/ml



#26 Chlordane-4

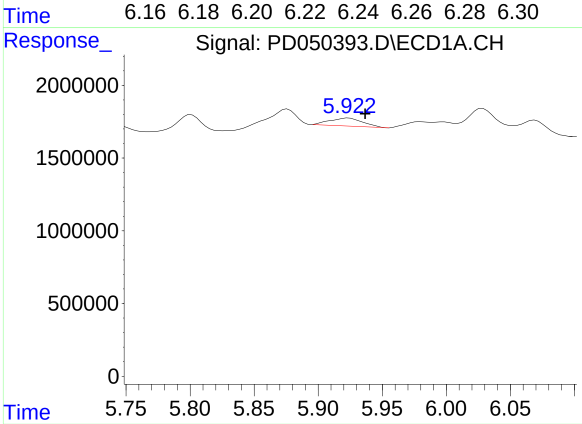
R.T.: 5.135 min
Delta R.T.: 0.003 min
Response: 1805175
Conc: 8.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



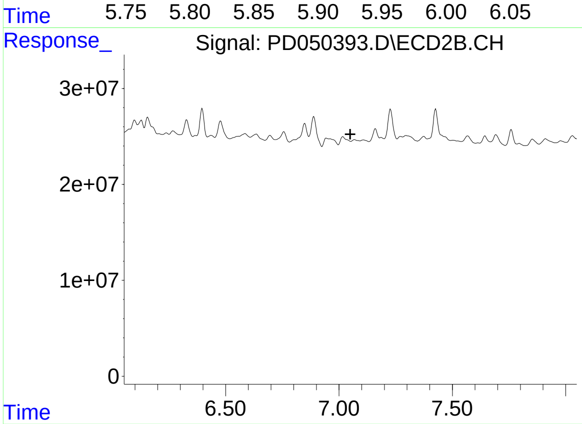
#26 Chlordane-4

R.T.: 6.239 min
Delta R.T.: -0.003 min
Response: 1537794
Conc: 0.34 ng/ml



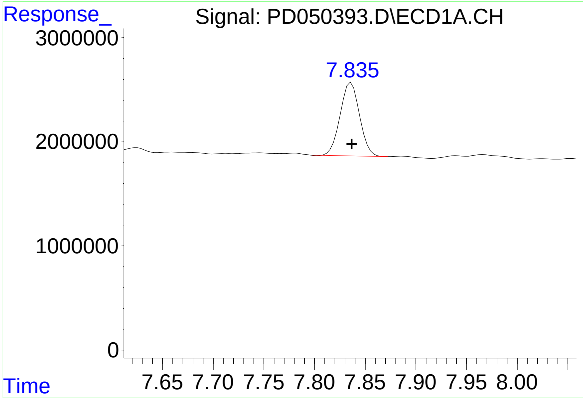
#27 Chlordane-5

R.T.: 5.924 min
Delta R.T.: -0.013 min
Response: 986101
Conc: 12.98 ng/ml



#27 Chlordane-5

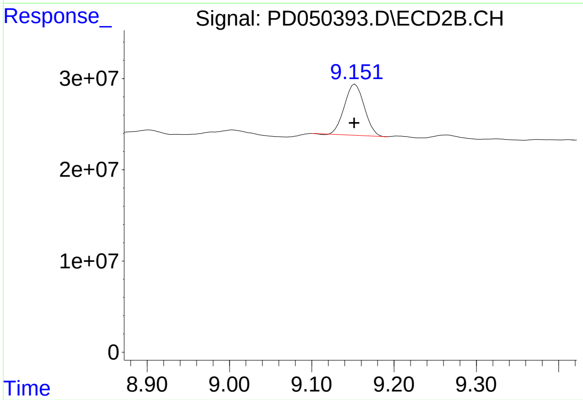
R.T.: 0.000 min
Exp R.T. : 7.050 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.836 min
Delta R.T.: 0.000 min
Response: 9373904
Conc: 6.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.153 min
Delta R.T.: 0.001 min
Response: 94220241
Conc: 4.65 ng/ml