Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080822\
Data File : PD071396.D
Signal(s) : Signal #1: ECD1A.ch   Signal #2: ECD2B.ch
Acq On   : 08 Aug 2022 12:43
Operator : AR\AJ
Sample   : N4023-02MSD
Misc   :
ALS Vial : 14   Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 00:02:17 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 03:39:07 2022
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...	2.816	3.573	47958113	553.7E6	16.911	19.670	
28) SA	Decachlor...	8.014	9.102	42182352	189.5E6	15.209	18.308	
	Target Compounds							
2) A	alpha-BHC	3.325	4.040	203.2E6	1841.0E6	48.462	49.591	
3) MA	gamma-BHC...	3.659	4.375	190.6E6	1458.5E6	47.642	48.710	
4) MA	Heptachlor	4.006	4.953	212.3E6	1081.2E6	50.043	51.134	
5) MB	Aldrin	4.290	5.296	203.2E6	895.0E6	49.816	50.681	
6) B	beta-BHC	3.957	4.582	77438744	573.2E6	45.330	48.391	
7) B	delta-BHC	4.191	4.829	192.6E6	1107.4E6	49.070	55.645	
8) B	Heptachlo...	4.797	5.727	171.4E6	753.3E6	46.803	57.641	
9) A	Endosulfan I	5.171	6.115	158.9E6	676.6E6	46.389	49.212	
10) B	gamma-Chl...	5.051	5.982	173.1E6	732.7E6	45.551	49.892	
11) B	alpha-Chl...	5.115	6.059	169.8E6	714.1E6	45.693	49.243	
12) B	4,4'-DDE	5.306	6.231	160.6E6	702.7E6	46.918	49.158	
13) MA	Dieldrin	5.439	6.392	171.9E6	716.3E6	47.453	48.743	
14) MA	Endrin	5.716	6.625	150.3E6	610.3E6	47.472	48.790	
15) B	Endosulfa...	6.011	6.850	131.5E6	578.3E6	43.748	46.637	
16) A	4,4'-DDD	5.865	6.755	132.0E6	591.9E6	46.311	49.766	
17) MA	4,4'-DDT	6.118	7.067	130.8E6	596.5E6	44.327	45.736	
18) B	Endrin al...	6.192	6.981	102.0E6	453.6E6	46.247	46.821	
19) B	Endosulfa...	6.416	7.213	126.7E6	555.2E6	44.056	46.548	
20) A	Methoxychlor	6.699	7.542	69740967	310.1E6	42.280	44.988	
21) B	Endrin ke...	6.927	7.705	144.4E6	599.9E6	44.336	44.689	
22)	Mirex	7.114	8.167	105.7E6	390.2E6	43.191	45.365	
24)	Chlordane-2	0.000	5.296f	0	895.0E6	N.D.	1494.191	#
25)	Chlordane-3	5.051	5.982	173.1E6	732.7E6	506.896	395.207	
26)	Chlordane-4	5.115	6.059	169.8E6	714.1E6	535.164	327.603	#
27)	Chlordane-5	6.011	0.000	131.5E6	0	1087.362	N.D.	#

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

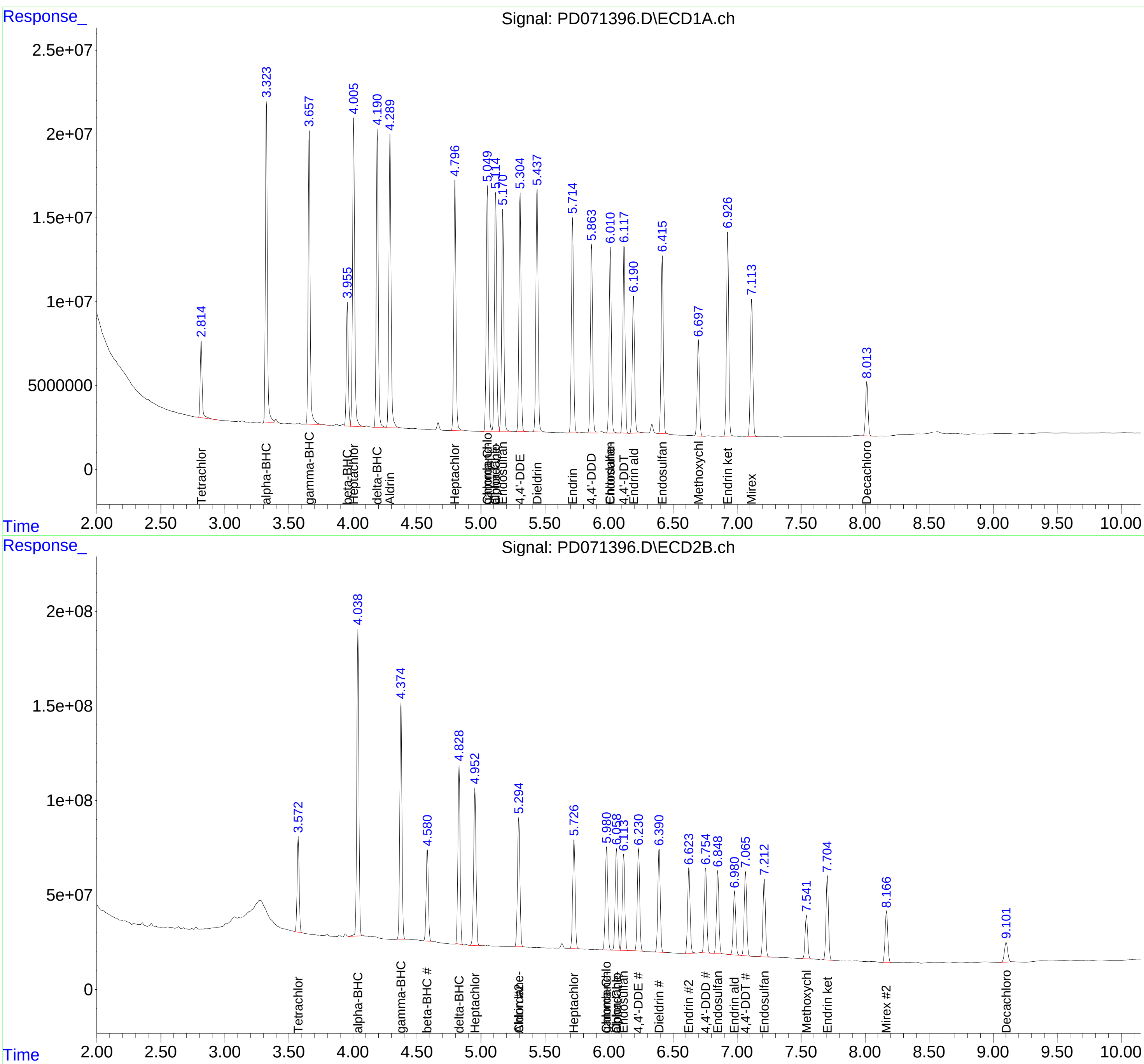
Quantitation Report (Not Reviewed)

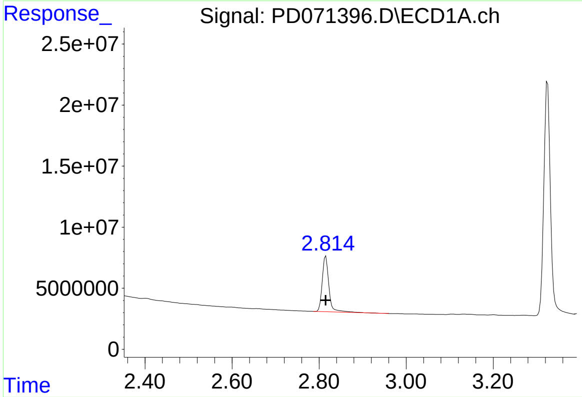
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080822\
Data File : PD071396.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2022 12:43
Operator : AR\AJ
Sample : N4023-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 09 00:02:17 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 03:39:07 2022
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

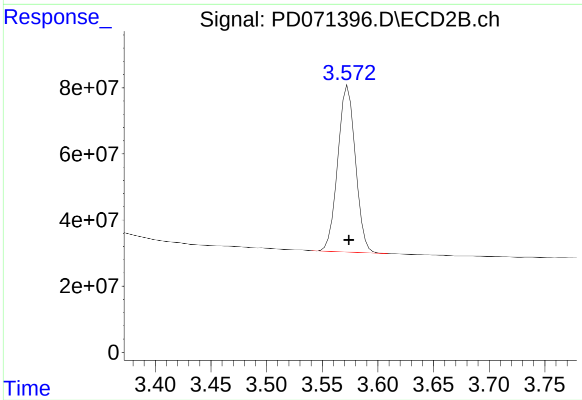




#1 Tetrachloro-m-xylene

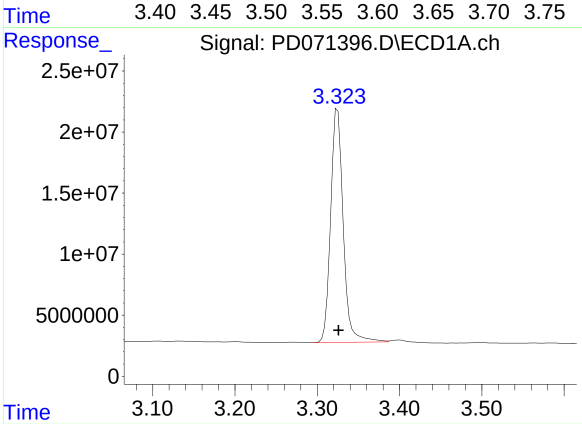
R.T.: 2.816 min
Delta R.T.: 0.000 min
Response: 47958113
Conc: 16.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



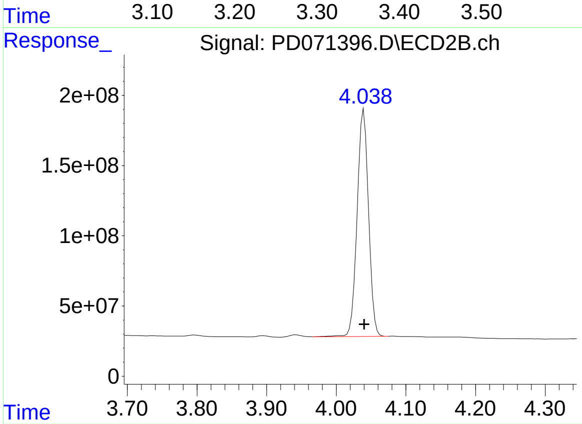
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: 0.000 min
Response: 553703842
Conc: 19.67 ng/ml



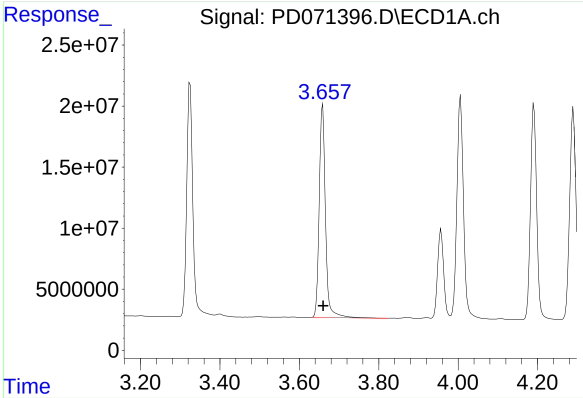
#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.001 min
Response: 203222286
Conc: 48.46 ng/ml



#2 alpha-BHC

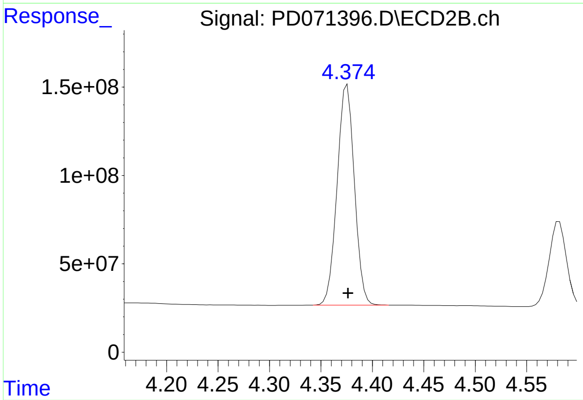
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 1840999646
Conc: 49.59 ng/ml



#3 gamma-BHC (Lindane)

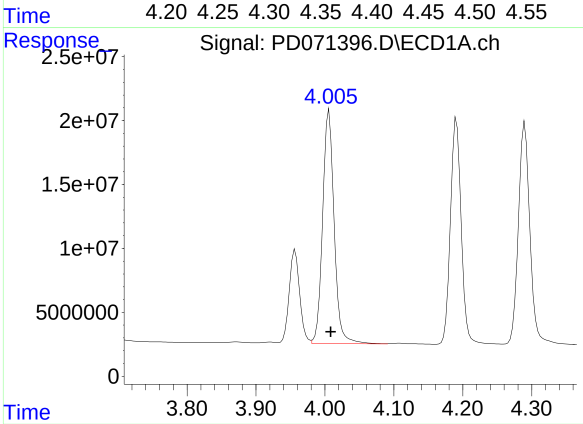
R.T.: 3.659 min
Delta R.T.: -0.001 min
Response: 190574359
Conc: 47.64 ng/ml

Instrument :
ECD_D
ClientSampleId :



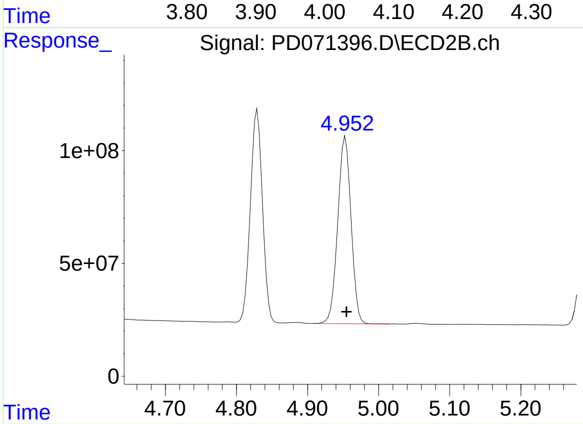
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: 0.000 min
Response: 1458500513
Conc: 48.71 ng/ml



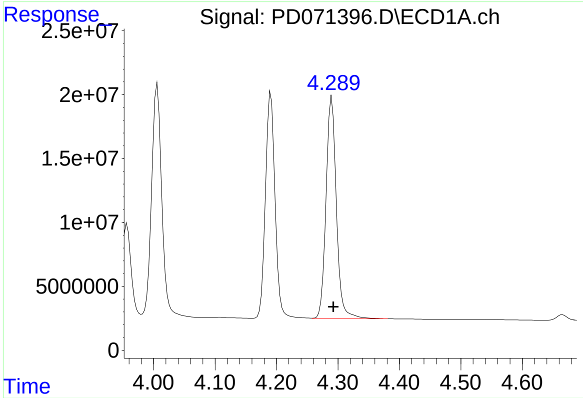
#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 212261303
Conc: 50.04 ng/ml



#4 Heptachlor

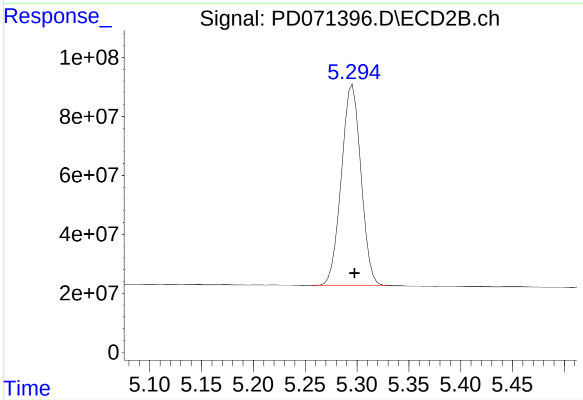
R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 1081154870
Conc: 51.13 ng/ml



#5 Aldrin

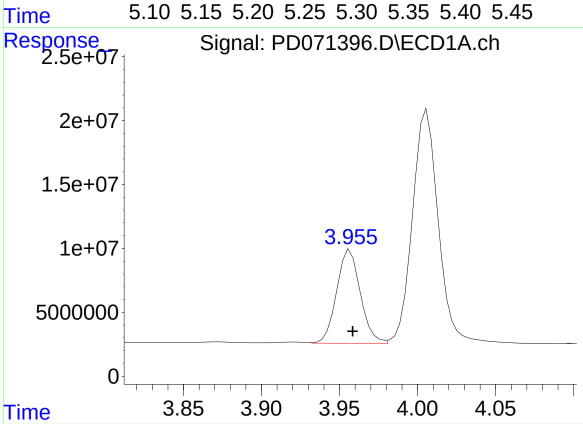
R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 203158459
Conc: 49.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



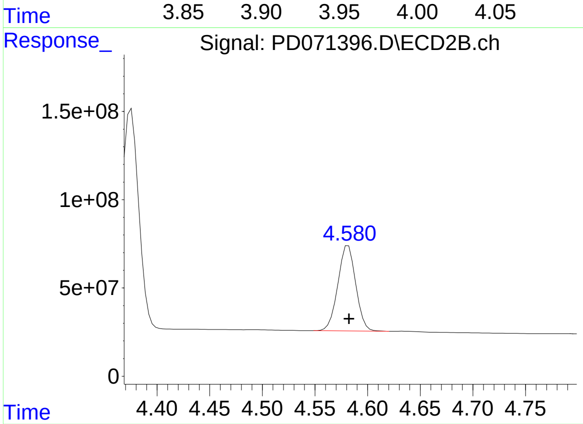
#5 Aldrin

R.T.: 5.296 min
Delta R.T.: -0.002 min
Response: 895030934
Conc: 50.68 ng/ml



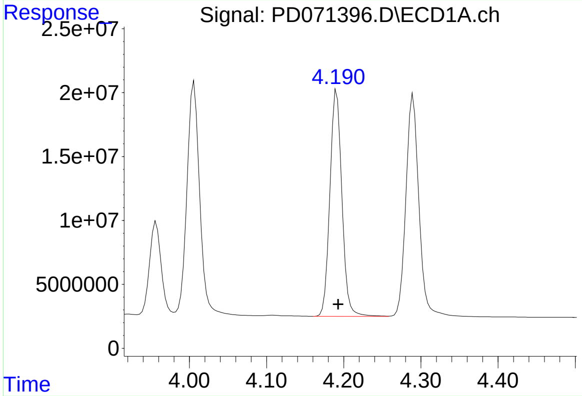
#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 77438744
Conc: 45.33 ng/ml



#6 beta-BHC

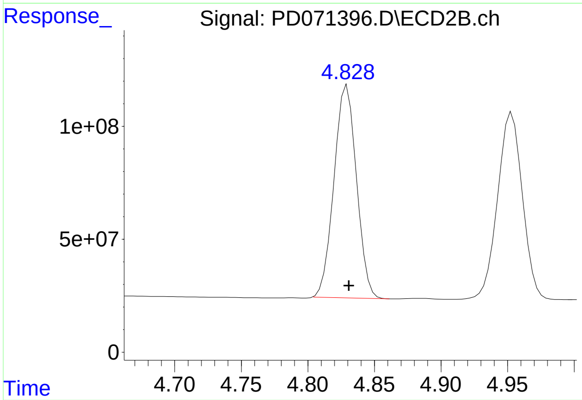
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 573167553
Conc: 48.39 ng/ml



#7 delta-BHC

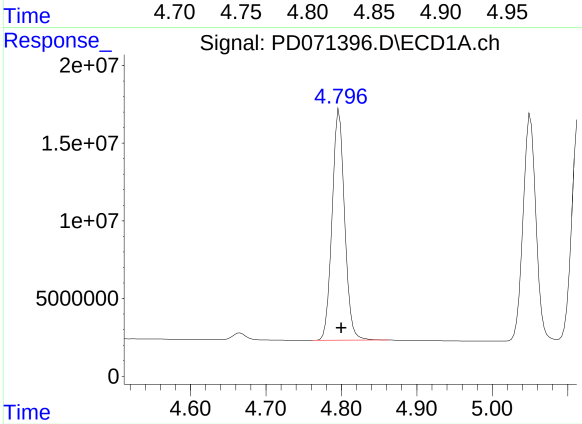
R.T.: 4.191 min
Delta R.T.: -0.002 min
Response: 192596375
Conc: 49.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



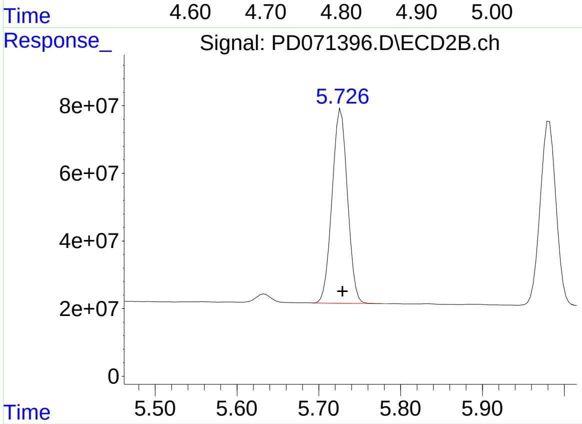
#7 delta-BHC

R.T.: 4.829 min
Delta R.T.: -0.001 min
Response: 1107377084
Conc: 55.64 ng/ml



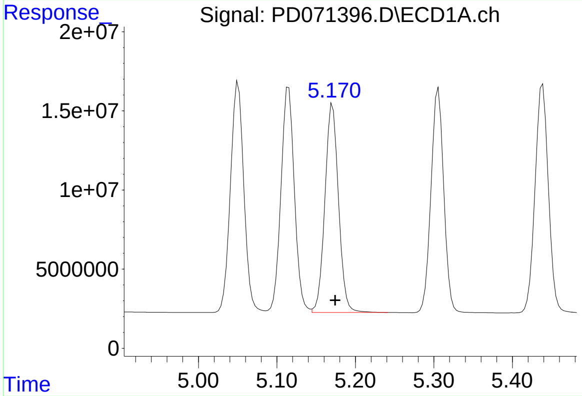
#8 Heptachlor epoxide

R.T.: 4.797 min
Delta R.T.: -0.003 min
Response: 171397549
Conc: 46.80 ng/ml



#8 Heptachlor epoxide

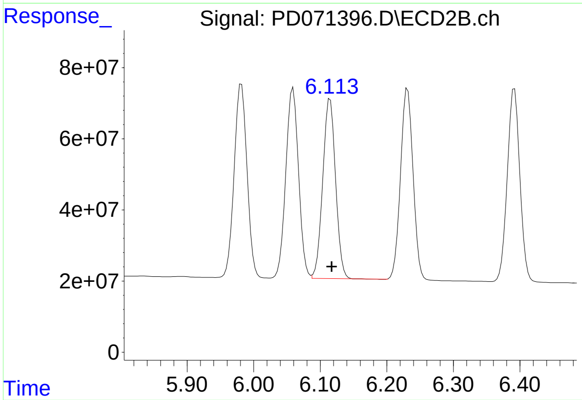
R.T.: 5.727 min
Delta R.T.: -0.002 min
Response: 753290561
Conc: 57.64 ng/ml



#9 Endosulfan I

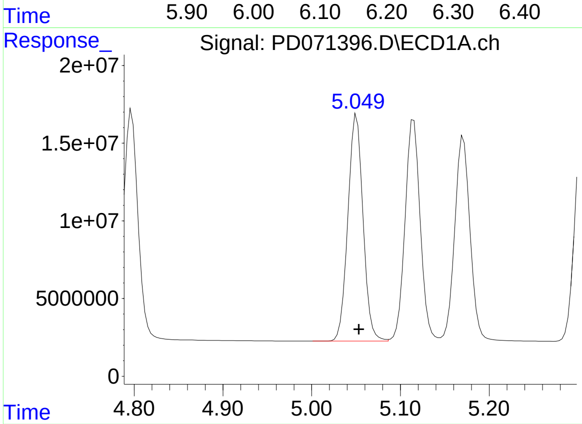
R.T.: 5.171 min
Delta R.T.: -0.003 min
Response: 158894831
Conc: 46.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



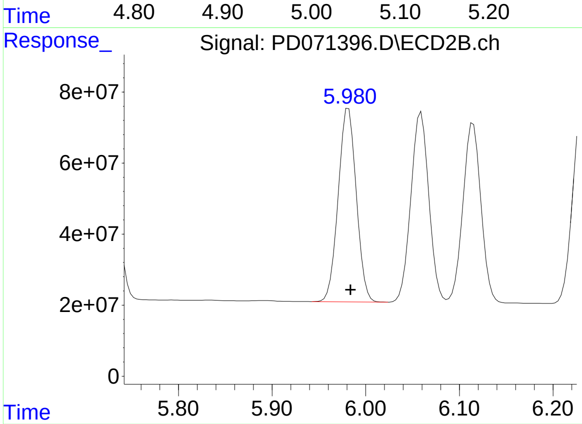
#9 Endosulfan I

R.T.: 6.115 min
Delta R.T.: -0.002 min
Response: 676623630
Conc: 49.21 ng/ml



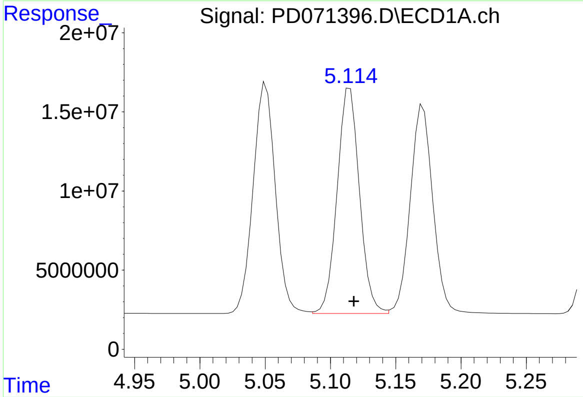
#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 173083190
Conc: 45.55 ng/ml



#10 gamma-Chlordane

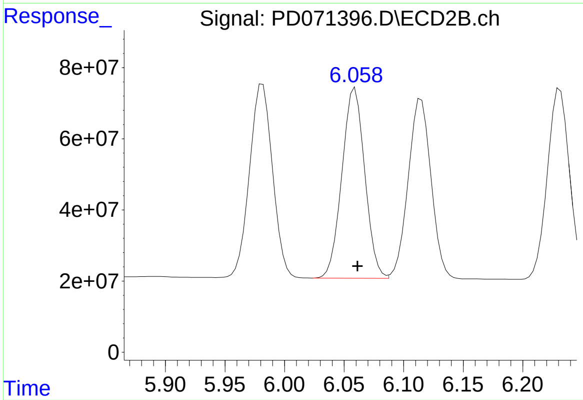
R.T.: 5.982 min
Delta R.T.: -0.002 min
Response: 732683301
Conc: 49.89 ng/ml



#11 alpha-Chlordane

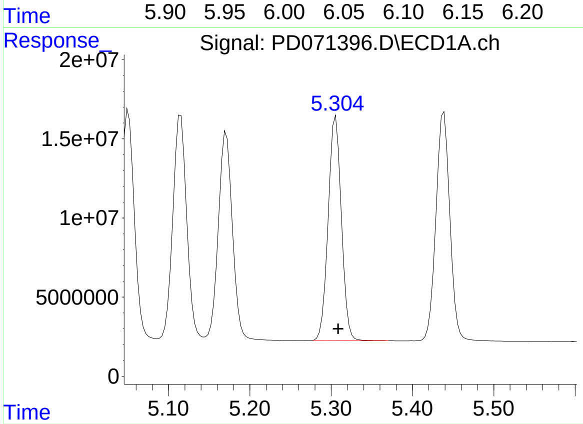
R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 169783258
Conc: 45.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



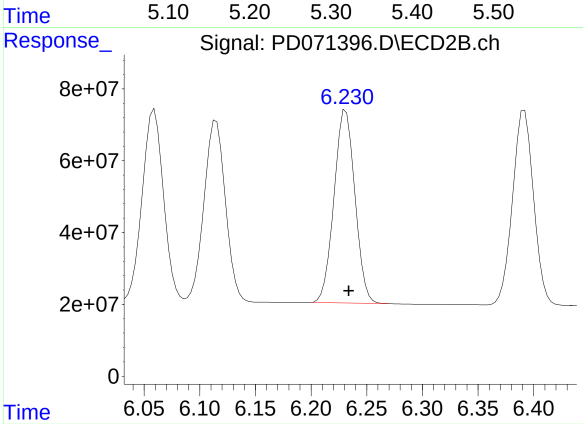
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 714051292
Conc: 49.24 ng/ml



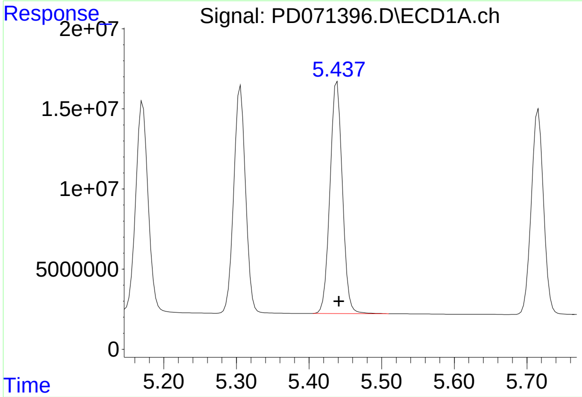
#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: -0.003 min
Response: 160582645
Conc: 46.92 ng/ml



#12 4,4'-DDE

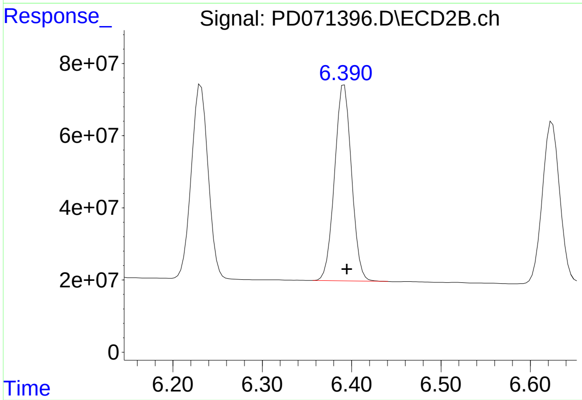
R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 702696844
Conc: 49.16 ng/ml



#13 Dieldrin

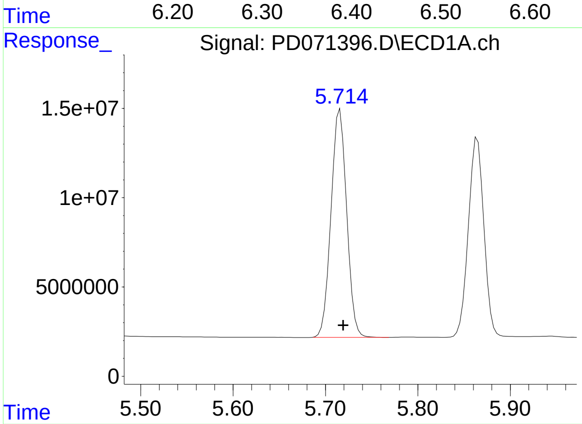
R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 171870807
Conc: 47.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



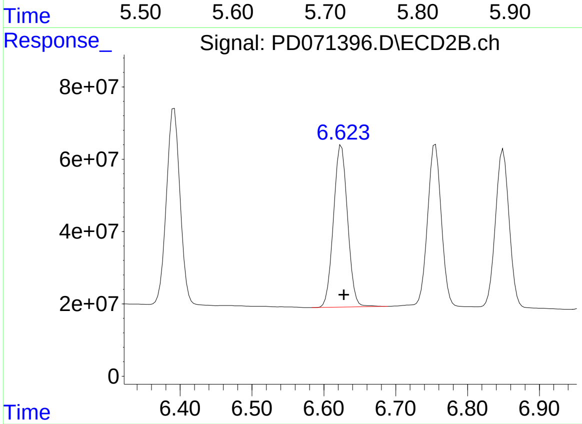
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.003 min
Response: 716261314
Conc: 48.74 ng/ml



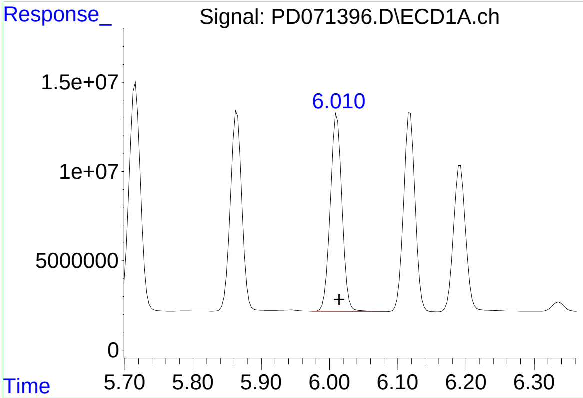
#14 Endrin

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 150302736
Conc: 47.47 ng/ml



#14 Endrin

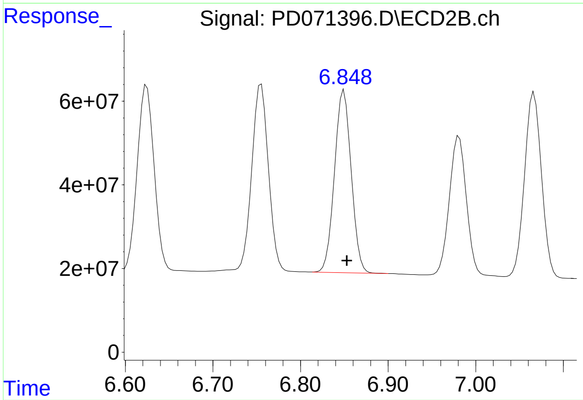
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 610301614
Conc: 48.79 ng/ml



#15 Endosulfan II

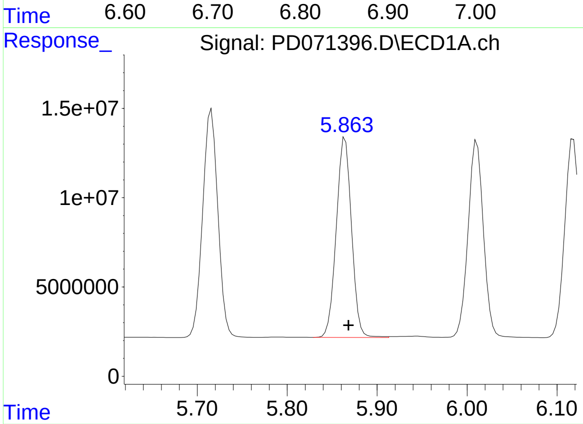
R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 131470678
Conc: 43.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



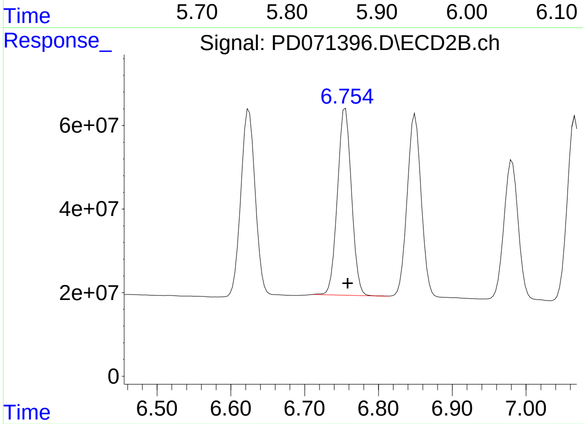
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 578261988
Conc: 46.64 ng/ml



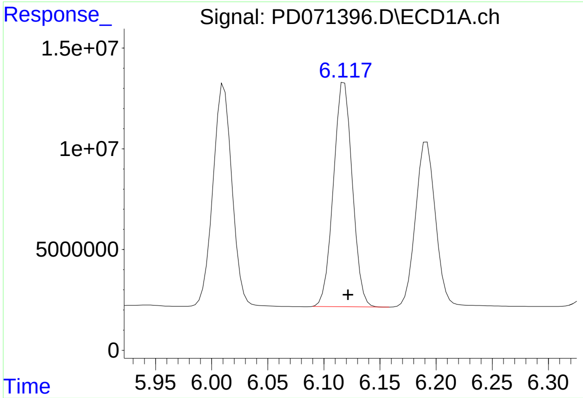
#16 4,4'-DDD

R.T.: 5.865 min
Delta R.T.: -0.004 min
Response: 132015892
Conc: 46.31 ng/ml



#16 4,4'-DDD

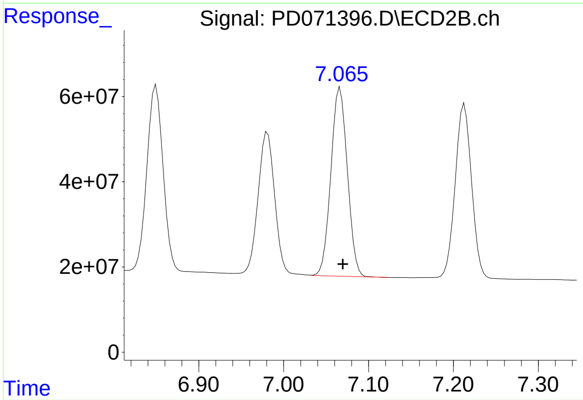
R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 591912262
Conc: 49.77 ng/ml



#17 4,4'-DDT

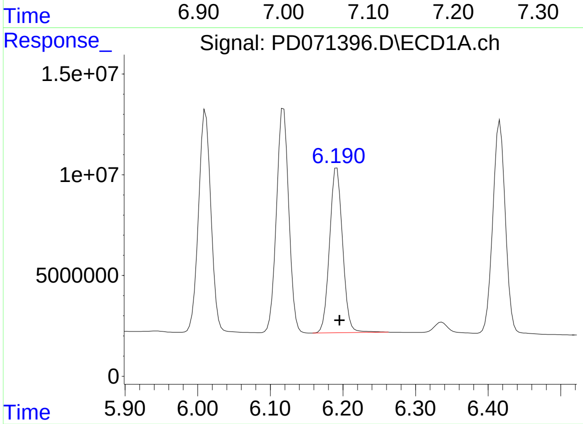
R.T.: 6.118 min
Delta R.T.: -0.003 min
Response: 130841149
Conc: 44.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



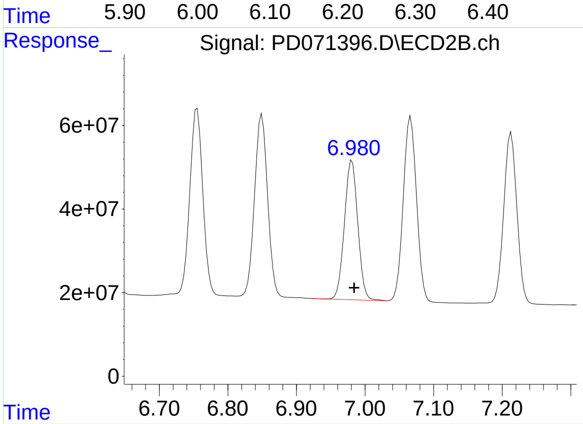
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.003 min
Response: 596530665
Conc: 45.74 ng/ml



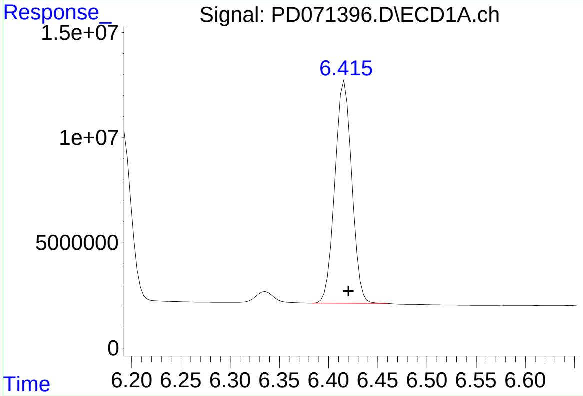
#18 Endrin aldehyde

R.T.: 6.192 min
Delta R.T.: -0.004 min
Response: 101960284
Conc: 46.25 ng/ml



#18 Endrin aldehyde

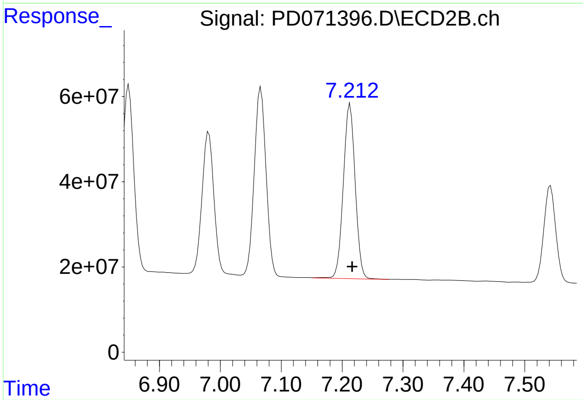
R.T.: 6.981 min
Delta R.T.: -0.003 min
Response: 453598692
Conc: 46.82 ng/ml



#19 Endosulfan Sulfate

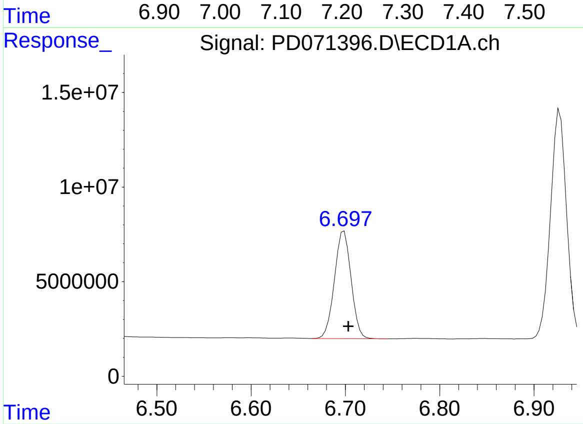
R.T.: 6.416 min
Delta R.T.: -0.004 min
Response: 126695075
Conc: 44.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



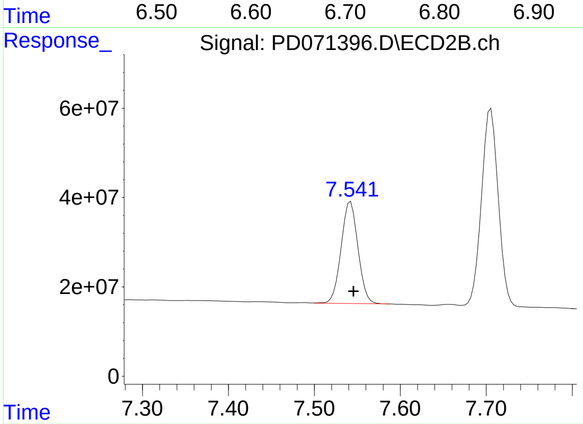
#19 Endosulfan Sulfate

R.T.: 7.213 min
Delta R.T.: -0.004 min
Response: 555159055
Conc: 46.55 ng/ml



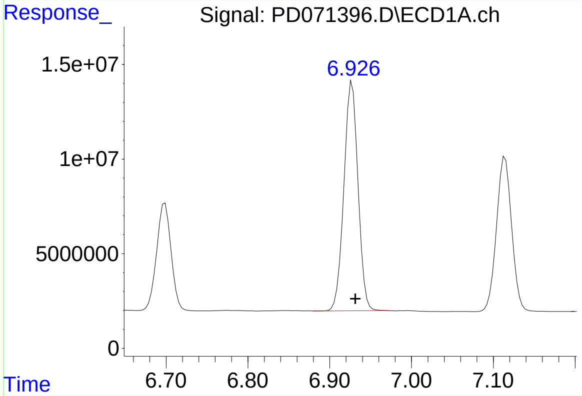
#20 Methoxychlor

R.T.: 6.699 min
Delta R.T.: -0.004 min
Response: 69740967
Conc: 42.28 ng/ml



#20 Methoxychlor

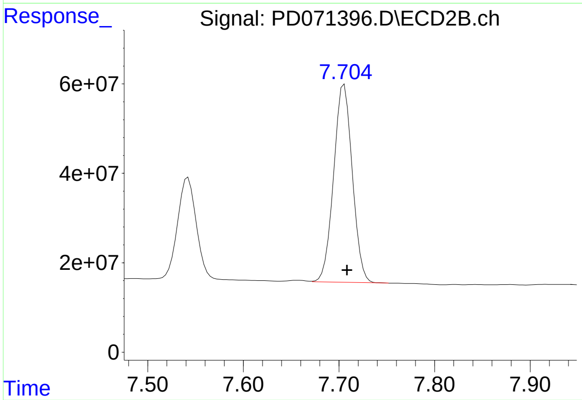
R.T.: 7.542 min
Delta R.T.: -0.003 min
Response: 310091285
Conc: 44.99 ng/ml



#21 Endrin ketone

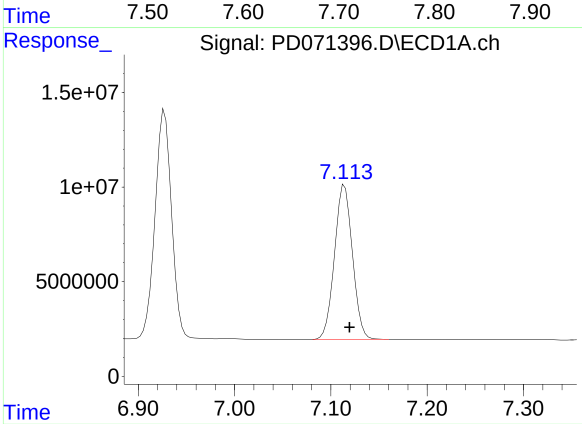
R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 144426587
Conc: 44.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



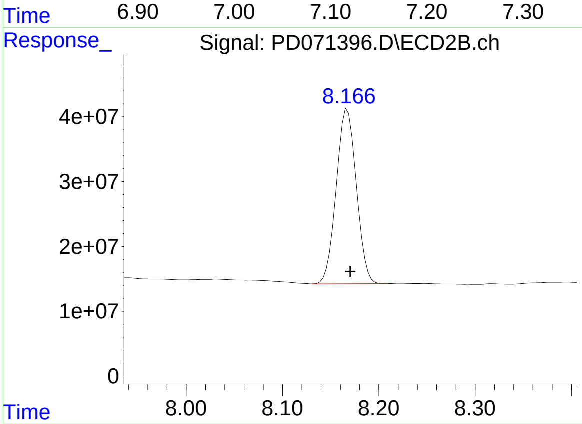
#21 Endrin ketone

R.T.: 7.705 min
Delta R.T.: -0.003 min
Response: 599926639
Conc: 44.69 ng/ml



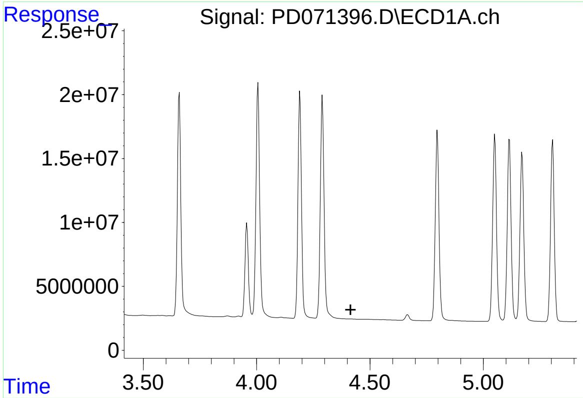
#22 Mirex

R.T.: 7.114 min
Delta R.T.: -0.005 min
Response: 105742799
Conc: 43.19 ng/ml



#22 Mirex

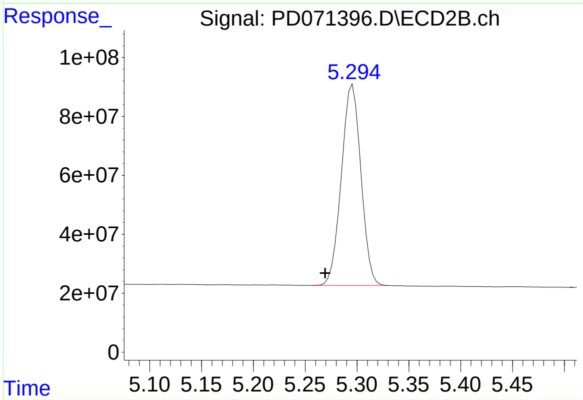
R.T.: 8.167 min
Delta R.T.: -0.003 min
Response: 390235718
Conc: 45.36 ng/ml



#24 Chlordane-2

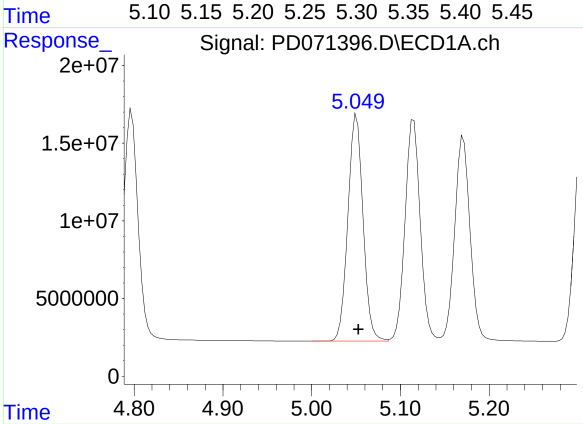
```
     R.T.:     0.000 min
Exp R.T.  :    4.415 min
  Response:        0
      Conc:   N.D.
```

Instrument :
ECD_D
ClientSampleId :



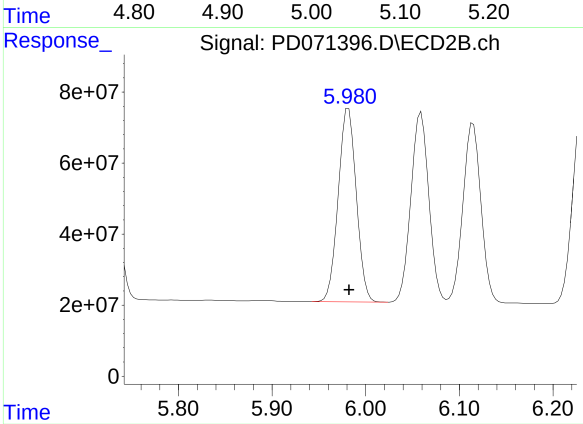
#24 Chlordane-2

```
      R.T.:     5.296 min
Delta R.T.:     0.027 min
  Response: 895030934
      Conc: 1494.19 ng/ml
```



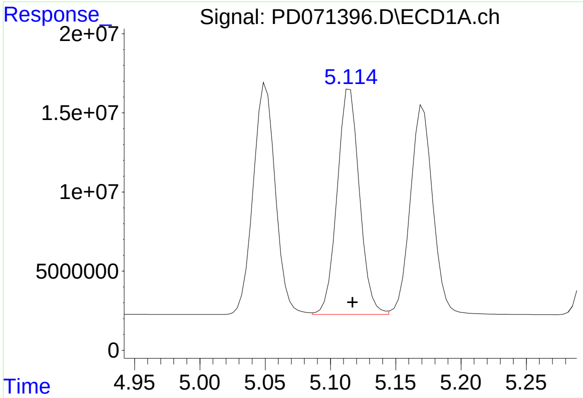
#25 Chlordane-3

```
      R.T.:     5.051 min
Delta R.T.:    -0.002 min
  Response: 173083190
      Conc: 506.90 ng/ml
```



#25 Chlordane-3

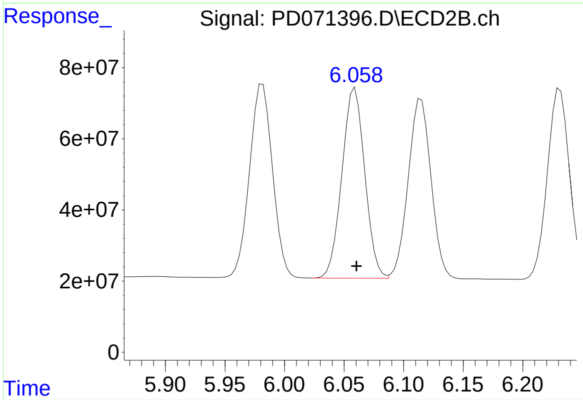
```
      R.T.:     5.982 min
Delta R.T.:     0.000 min
  Response: 732683301
      Conc: 395.21 ng/ml
```



#26 Chlordane-4

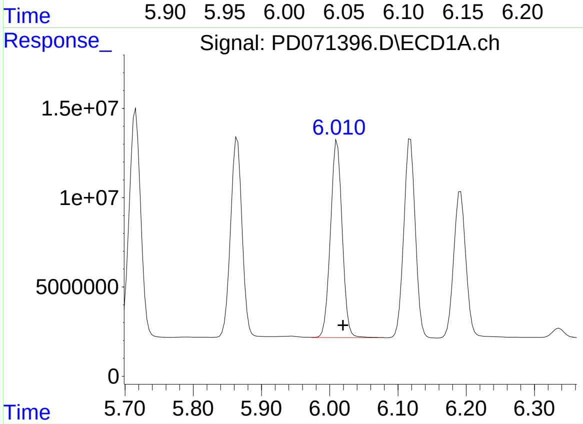
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 169783258
Conc: 535.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



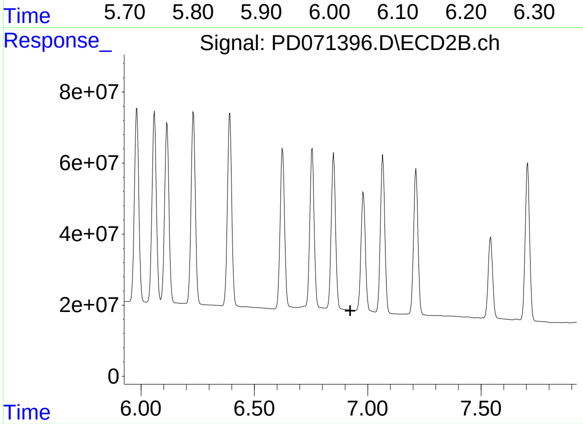
#26 Chlordane-4

R.T.: 6.059 min
Delta R.T.: -0.001 min
Response: 714051292
Conc: 327.60 ng/ml



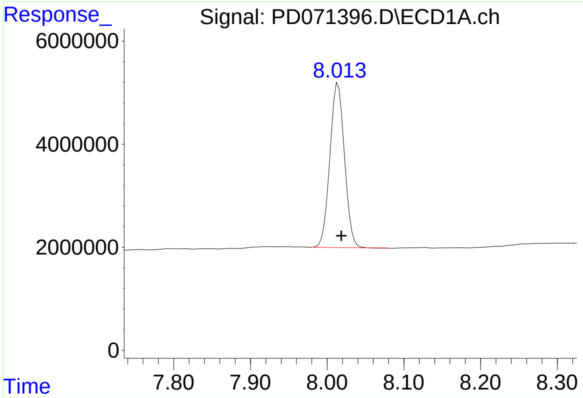
#27 Chlordane-5

R.T.: 6.011 min
Delta R.T.: -0.009 min
Response: 131470678
Conc: 1087.36 ng/ml



#27 Chlordane-5

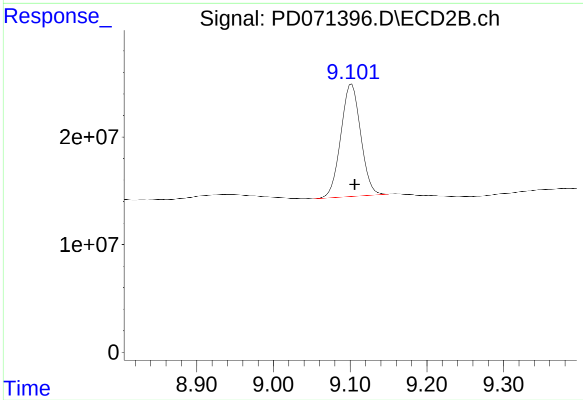
R.T.: 0.000 min
Exp R.T. : 6.923 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.014 min
Delta R.T.: -0.004 min
Response: 42182352
Conc: 15.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.102 min
Delta R.T.: -0.004 min
Response: 189535658
Conc: 18.31 ng/ml