Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012122\
Data File : PL072155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jan 2022 11:20
Operator : AR\AJ
Sample : WATER IDOC 03
Misc : FOR HAROON MUGHAL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 01:56:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
Quant Title : GC Extractables
QLast Update : Tue Jan 18 10:53:59 2022
Response via : Initial Calibration
Integrator: ChemStation

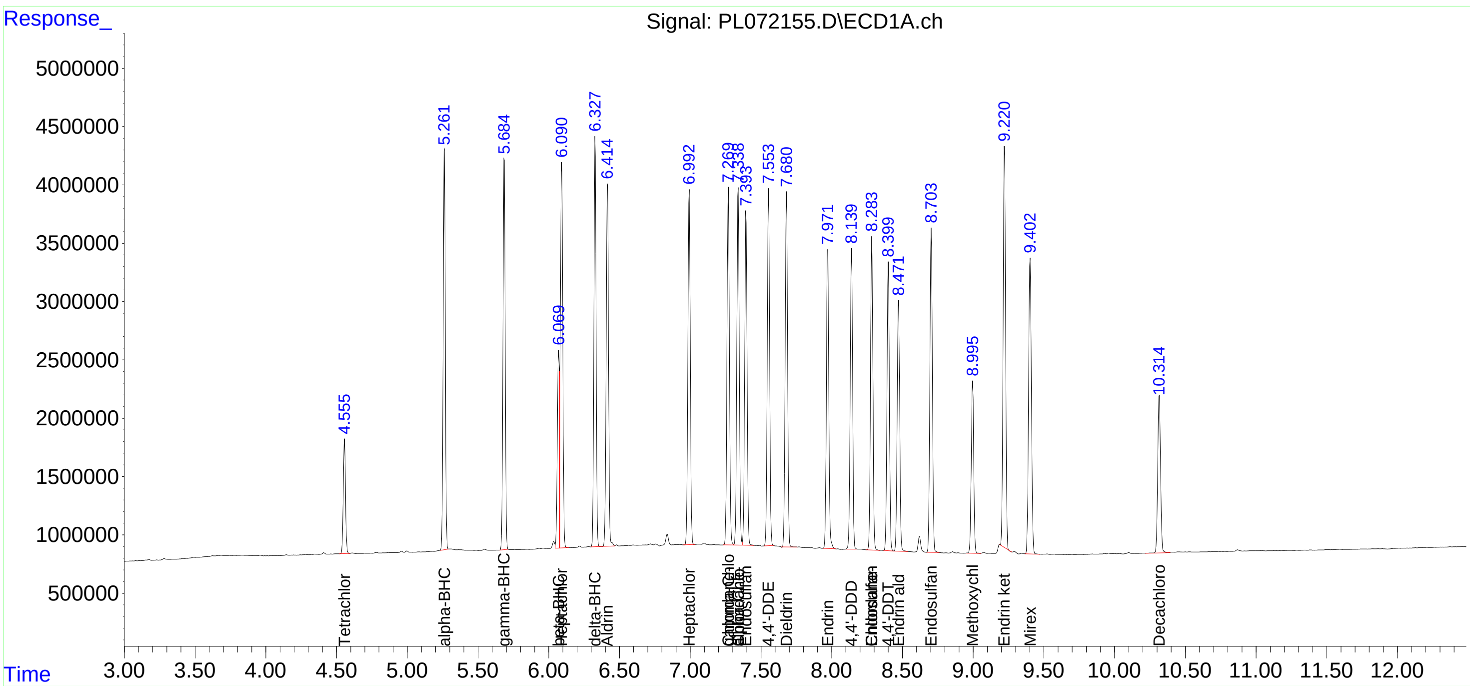
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

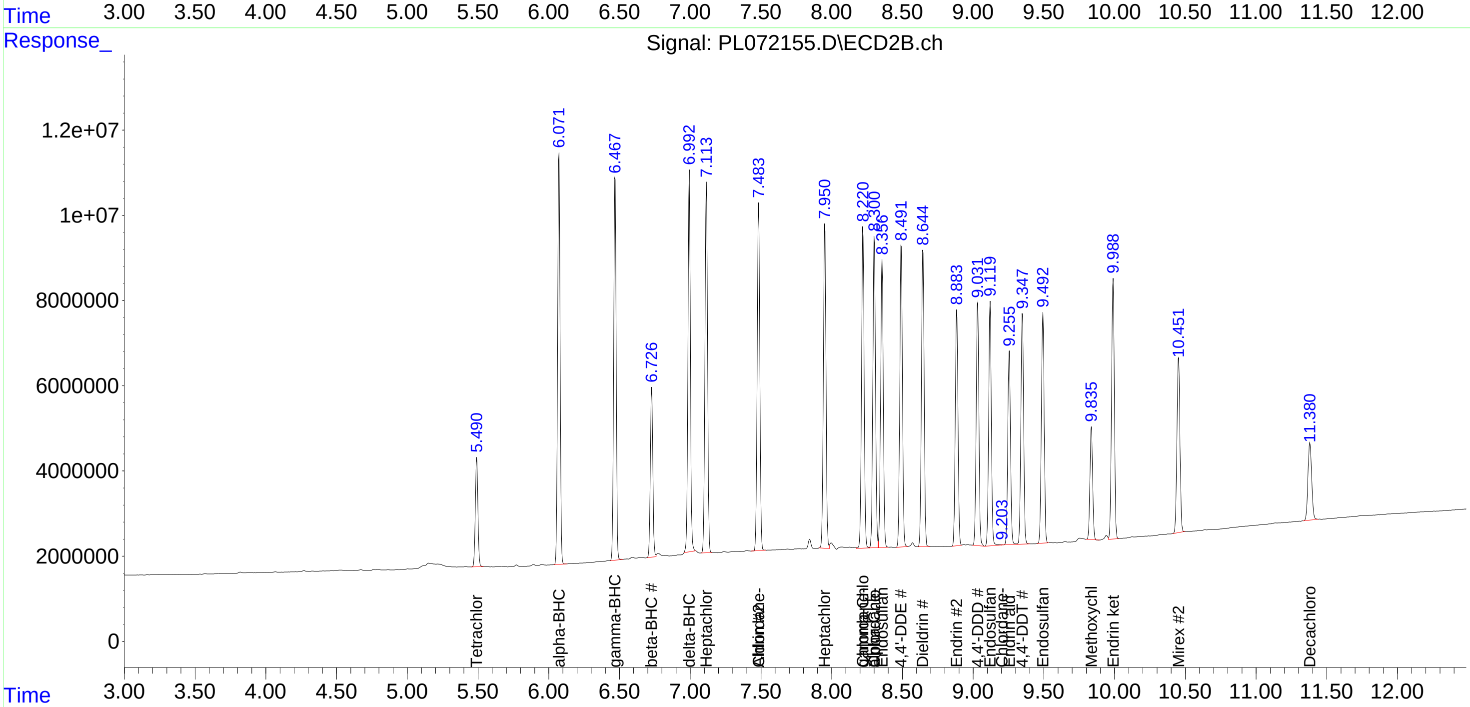
		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	4.556	5.491	10836161	31879581	19.518	19.629	
28)	SA	Decachlor...	10.316	11.381	18604989	33328691	20.941	20.656	
		Target Compounds							
2)	A	alpha-BHC	5.262	6.073	36473648	115.3E6	47.171	47.789	
3)	MA	gamma-BHC...	5.686	6.469	35993066	108.3E6	47.735	48.140	
4)	MA	Heptachlor	6.092	7.114	40389791	110.6E6	46.818	47.701	
5)	MB	Aldrin	6.415	7.484	36403207	103.2E6	46.101	46.673	
6)	B	beta-BHC	6.070	6.728	16108139	48129464	48.729	48.610	
7)	B	delta-BHC	6.328	6.994	36914049	107.6E6	46.600	43.751	
8)	B	Heptachlo...	6.993	7.952	36099941	97898573	47.423	48.893	
9)	A	Endosulfan I	7.395	8.357	34304650	89488640	48.268	49.439	
10)	B	gamma-Chl...	7.270	8.221	36882849	98610645	46.942	48.797	
11)	B	alpha-Chl...	7.339	8.302	36896810	96099988	47.032	48.467	
12)	B	4,4'-DDE	7.554	8.492	34798626	93995875	48.199	49.700	
13)	MA	Dieldrin	7.681	8.645	35333861	92072415	46.638	46.866	
14)	MA	Endrin	7.972	8.885	30755932	72885199	43.895	43.959	
15)	B	Endosulfa...	8.284	9.120	31847543	76321931	42.833	44.505	
16)	A	4,4'-DDD	8.141	9.032	30150669	74927076	51.432	52.404	
17)	MA	4,4'-DDT	8.401	9.349	29032315	72281743	43.719	45.732	
18)	B	Endrin al...	8.473	9.256	26859701	61922996	47.143	49.883	
19)	B	Endosulfa...	8.704	9.494	33889212	74568016	46.222	47.765	
20)	A	Methoxychlor	8.997	9.836	17855577	35611981	42.322	42.992	
21)	B	Endrin ke...	9.222	9.990	41012060	83321474	49.252	50.345	
22)		Mirex	9.403	10.452	34713383	60475832	47.006	48.467	
24)		Chlordane-2	0.000	7.484	0	103.2E6	N.D.	1476.590	#
25)		Chlordane-3	7.270	8.221	36882849	98610645	482.074	354.928	#
26)		Chlordane-4	7.339	8.302	36896810	96099988	447.213	289.397	#
27)		Chlordane-5	8.284	9.204	31847543	36970	1092.781	0.606	#

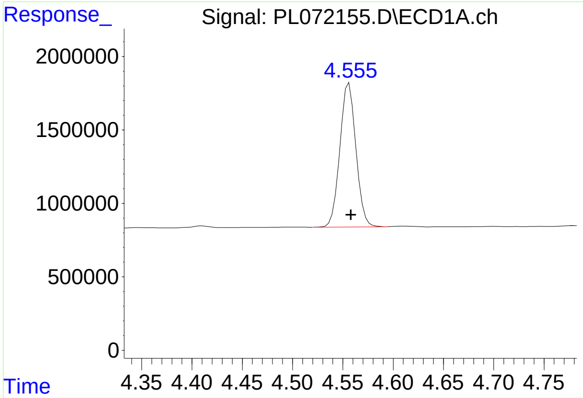
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012122\
Data File : PL072155.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 21 Jan 2022  11:20
Operator  : AR\AJ
Sample    : WATER  IDOC 03
Misc      : FOR HAROON MUGHAL
ALS Vial  : 7   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 01:56:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
Quant Title  : GC Extractables
QLast Update : Tue Jan 18 10:53:59 2022
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
```

Instrument :
ECD_L
ClientSampleId :



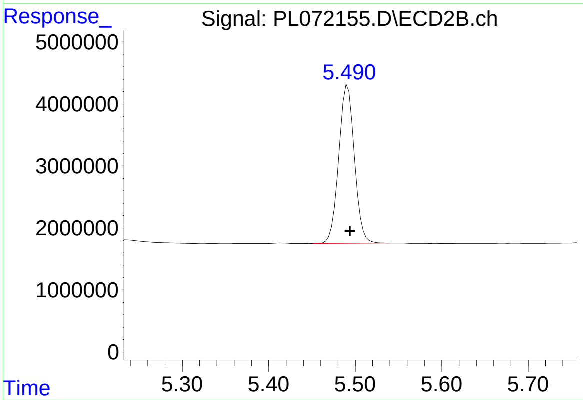




#1 Tetrachloro-m-xylene

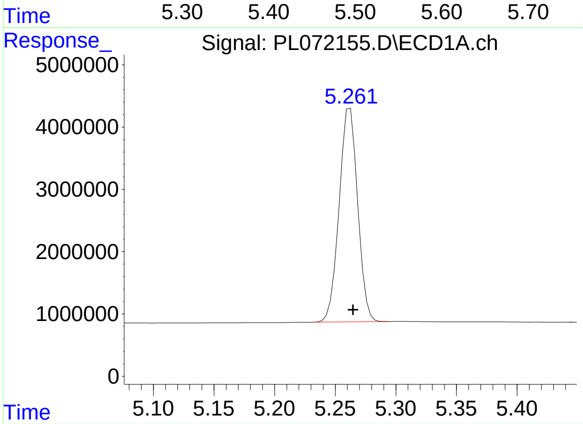
R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 10836161
Conc: 19.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



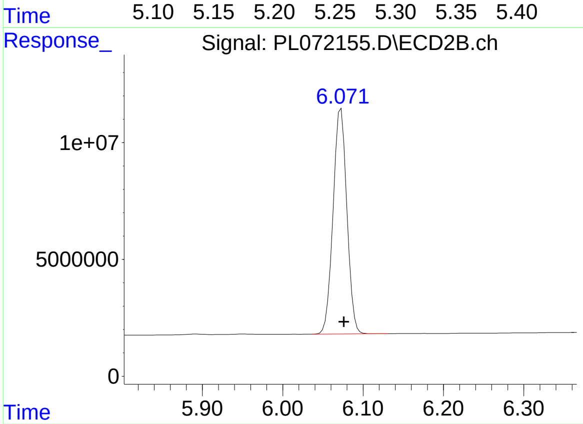
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 31879581
Conc: 19.63 ng/ml



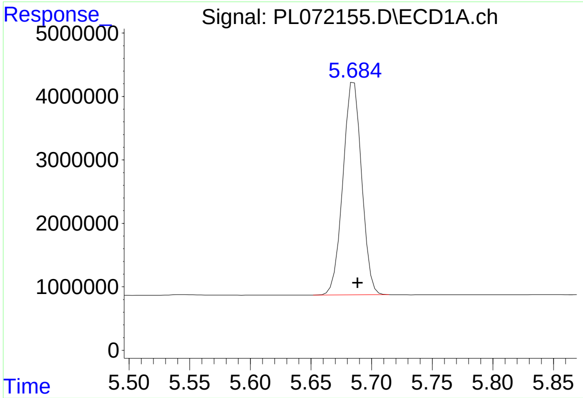
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 36473648
Conc: 47.17 ng/ml



#2 alpha-BHC

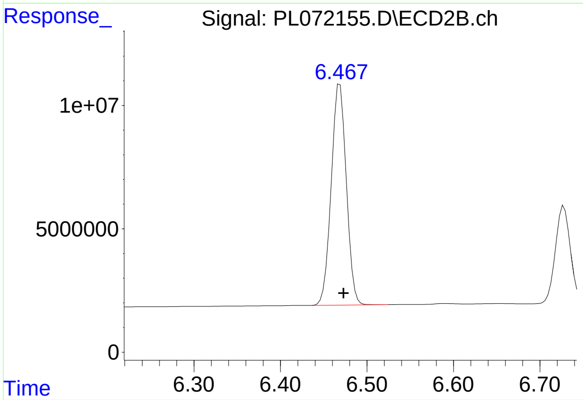
R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 115308092
Conc: 47.79 ng/ml



#3 gamma-BHC (Lindane)

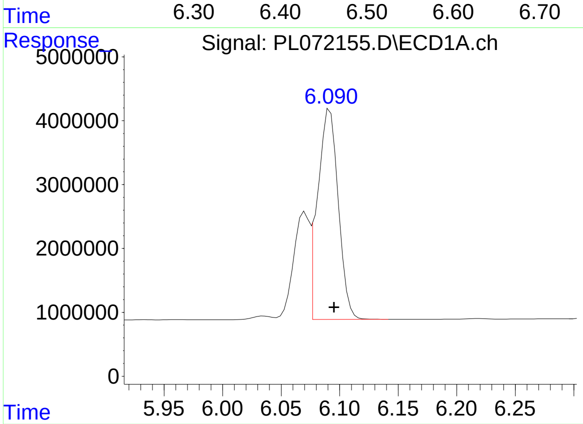
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 35993066
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



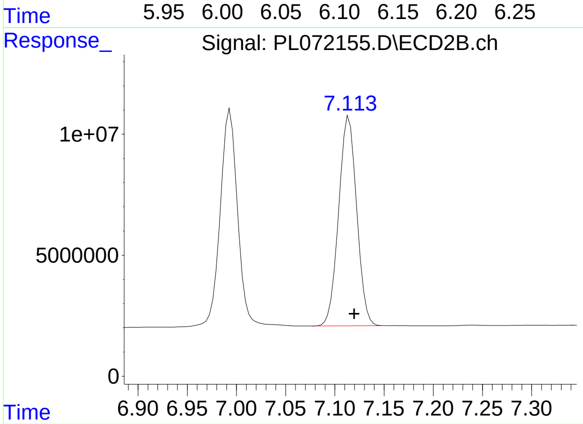
#3 gamma-BHC (Lindane)

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 108329251
Conc: 48.14 ng/ml



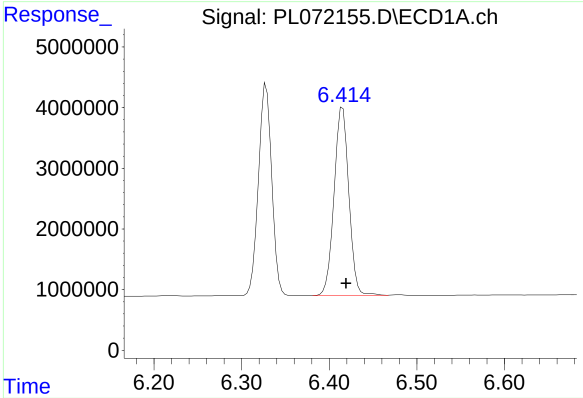
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 40389791
Conc: 46.82 ng/ml



#4 Heptachlor

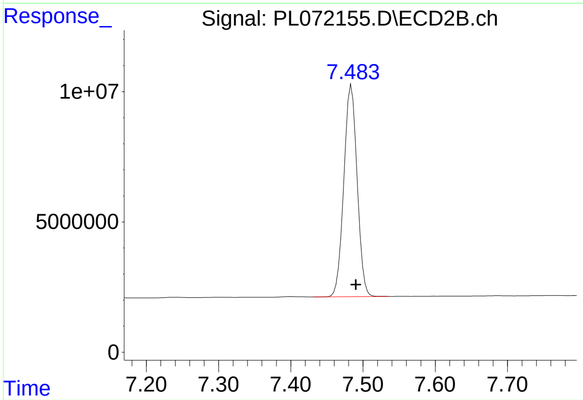
R.T.: 7.114 min
Delta R.T.: -0.005 min
Response: 110592596
Conc: 47.70 ng/ml



#5 Aldrin

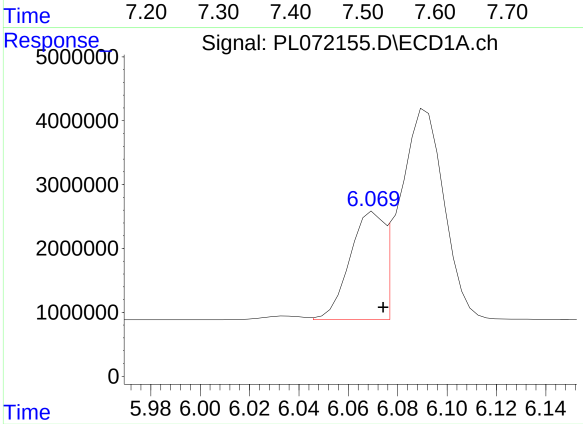
R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 36403207
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



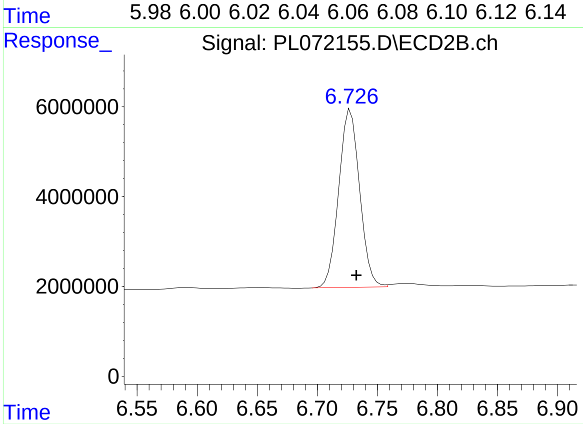
#5 Aldrin

R.T.: 7.484 min
Delta R.T.: -0.006 min
Response: 103205257
Conc: 46.67 ng/ml



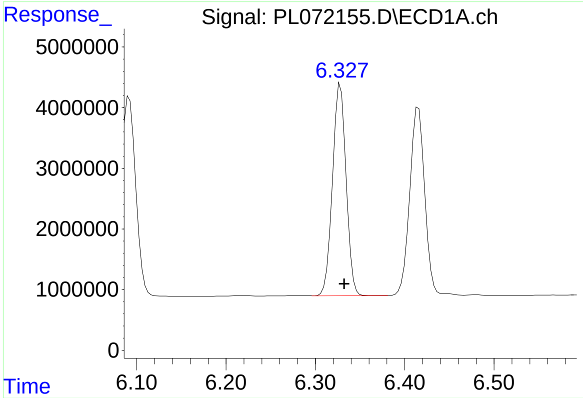
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 16108139
Conc: 48.73 ng/ml



#6 beta-BHC

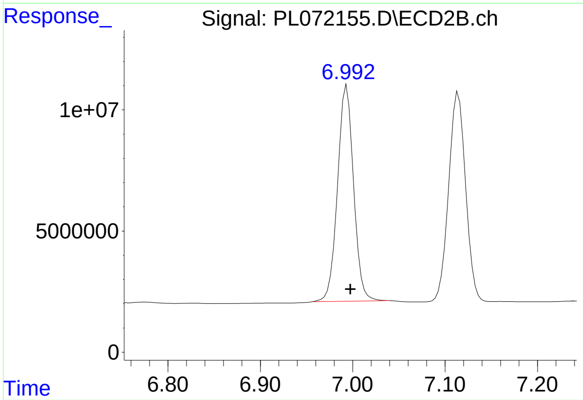
R.T.: 6.728 min
Delta R.T.: -0.005 min
Response: 48129464
Conc: 48.61 ng/ml



#7 delta-BHC

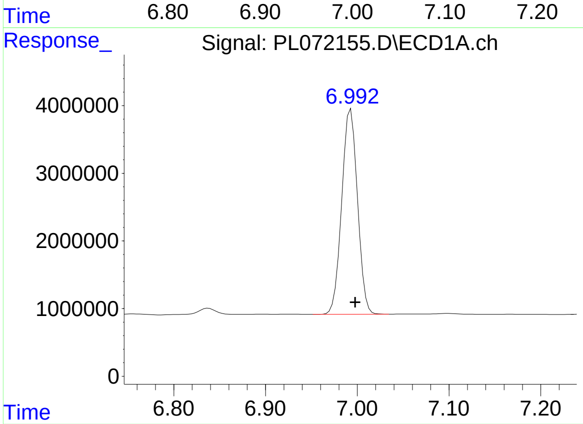
```
      R.T.:    6.328 min
Delta R.T.:   -0.004 min
  Response:  36914049
      Conc:  46.60 ng/ml
```

Instrument :
ECD_L
ClientSampleId :



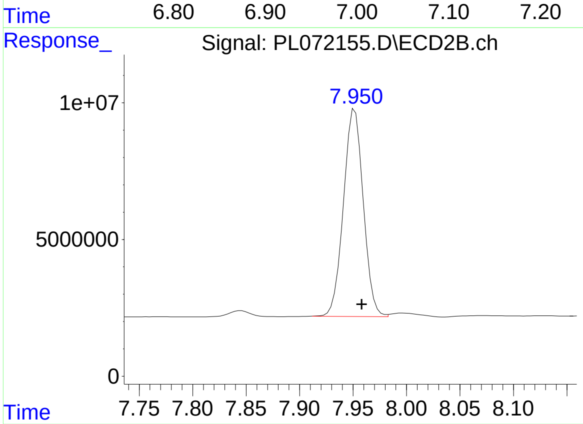
#7 delta-BHC

```
      R.T.:    6.994 min
Delta R.T.:   -0.004 min
  Response: 107642556
      Conc:  43.75 ng/ml
```



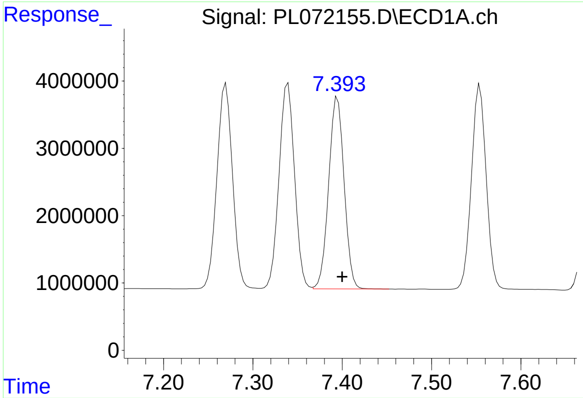
#8 Heptachlor epoxide

```
      R.T.:    6.993 min
Delta R.T.:   -0.005 min
  Response:  36099941
      Conc:  47.42 ng/ml
```



#8 Heptachlor epoxide

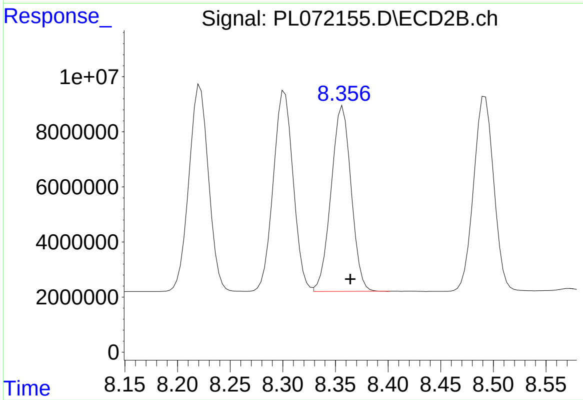
```
      R.T.:    7.952 min
Delta R.T.:   -0.006 min
  Response:  97898573
      Conc:  48.89 ng/ml
```



#9 Endosulfan I

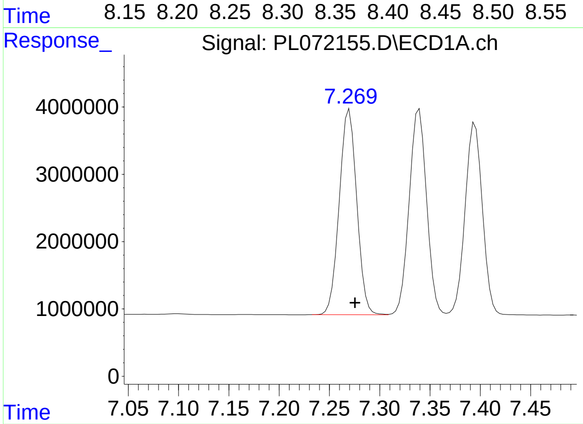
R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 34304650
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



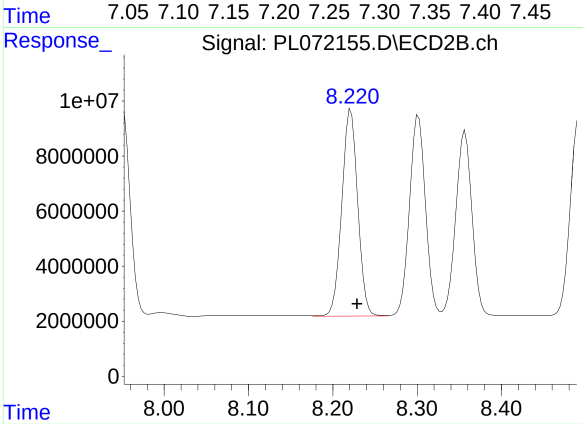
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.007 min
Response: 89488640
Conc: 49.44 ng/ml



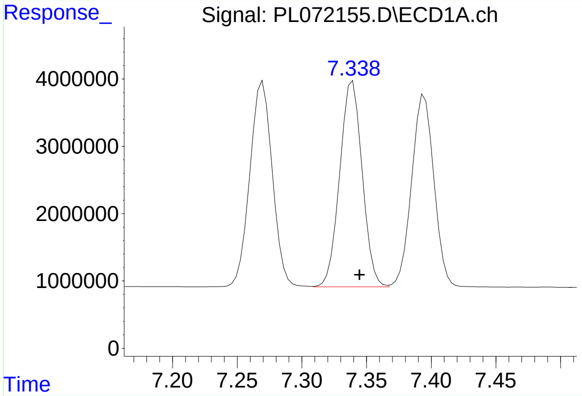
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: -0.006 min
Response: 36882849
Conc: 46.94 ng/ml



#10 gamma-Chlordane

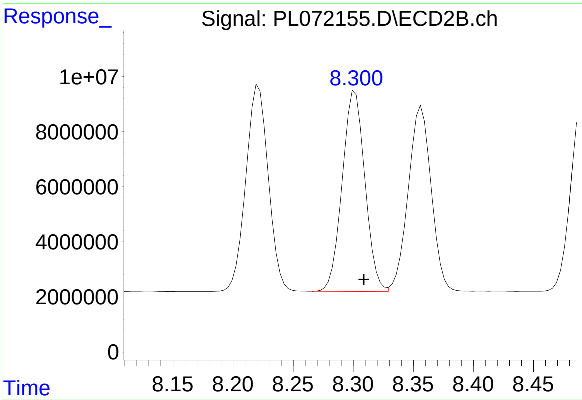
R.T.: 8.221 min
Delta R.T.: -0.007 min
Response: 98610645
Conc: 48.80 ng/ml



#11 alpha-Chlordane

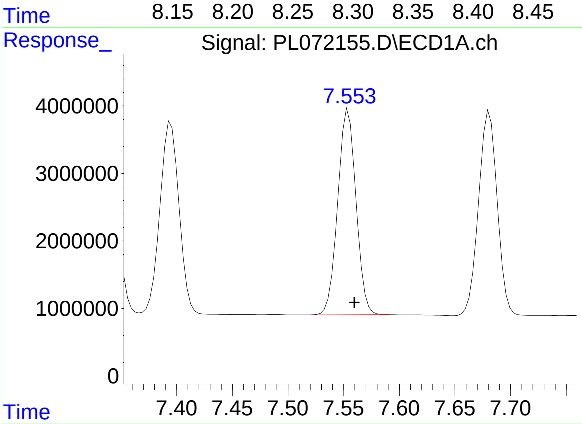
R.T.: 7.339 min
Delta R.T.: -0.005 min
Response: 36896810
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



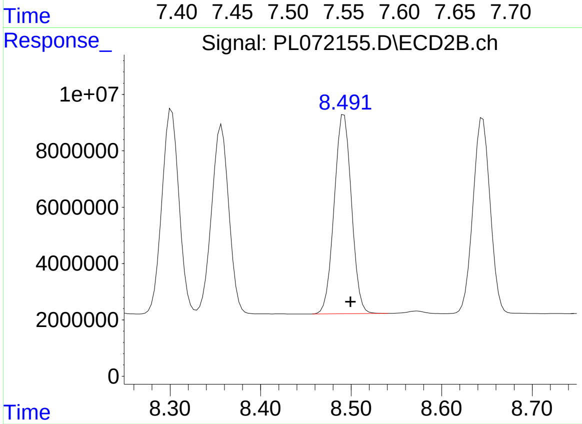
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 96099988
Conc: 48.47 ng/ml



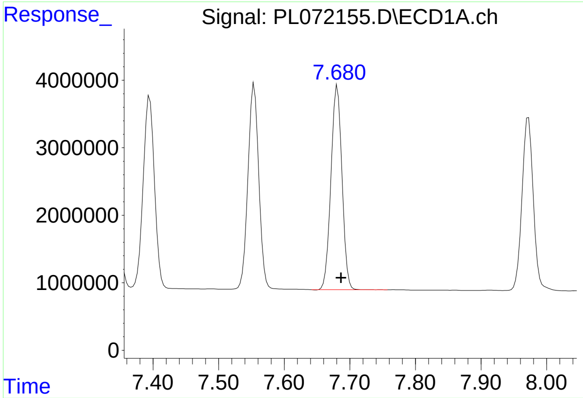
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: -0.006 min
Response: 34798626
Conc: 48.20 ng/ml



#12 4,4'-DDE

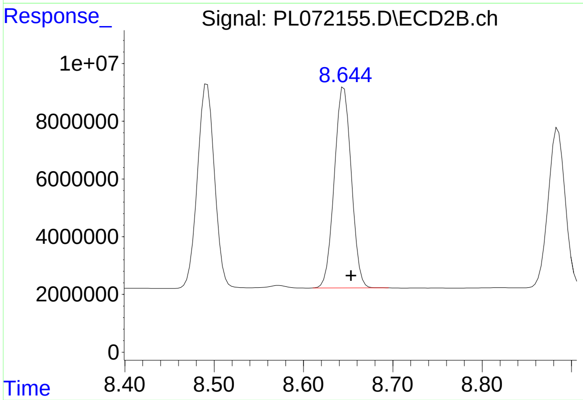
R.T.: 8.492 min
Delta R.T.: -0.007 min
Response: 93995875
Conc: 49.70 ng/ml



#13 Dieldrin

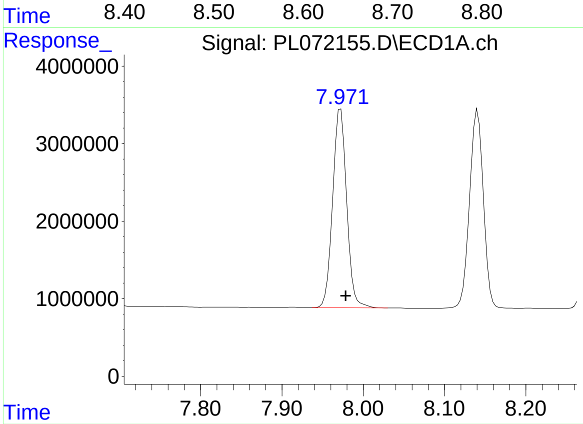
R.T.: 7.681 min
Delta R.T.: -0.005 min
Response: 35333861
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



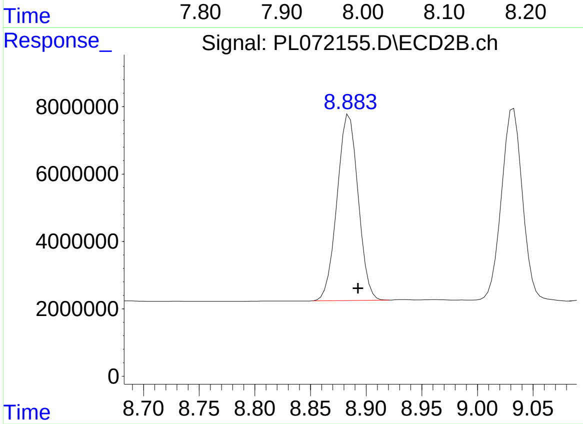
#13 Dieldrin

R.T.: 8.645 min
Delta R.T.: -0.008 min
Response: 92072415
Conc: 46.87 ng/ml



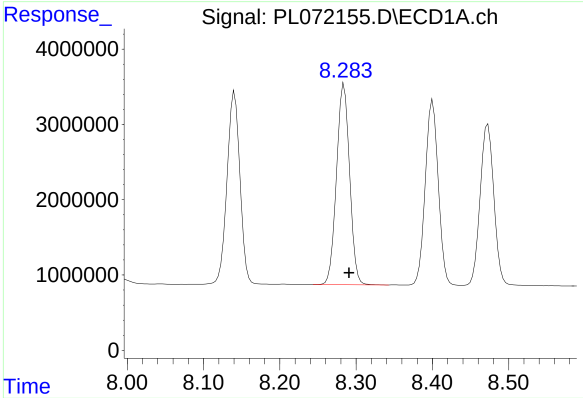
#14 Endrin

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 30755932
Conc: 43.90 ng/ml



#14 Endrin

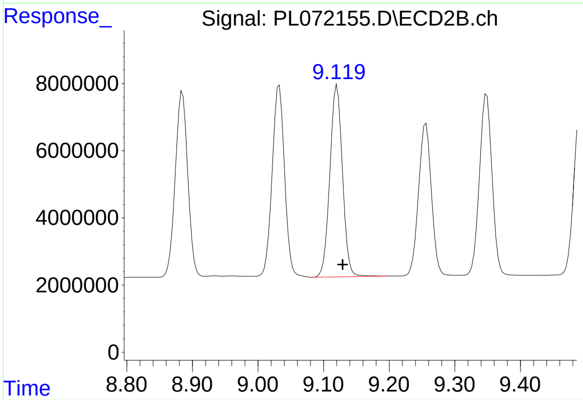
R.T.: 8.885 min
Delta R.T.: -0.008 min
Response: 72885199
Conc: 43.96 ng/ml



#15 Endosulfan II

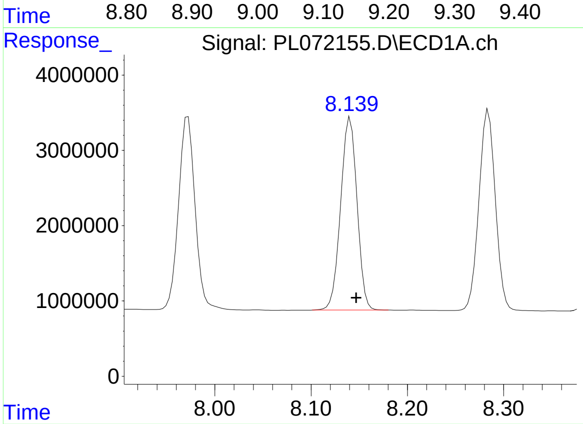
```
      R.T.:    8.284 min
Delta R.T.:   -0.006 min
  Response:   31847543
      Conc:   42.83 ng/ml
```

Instrument :
ECD_L
ClientSampleId :



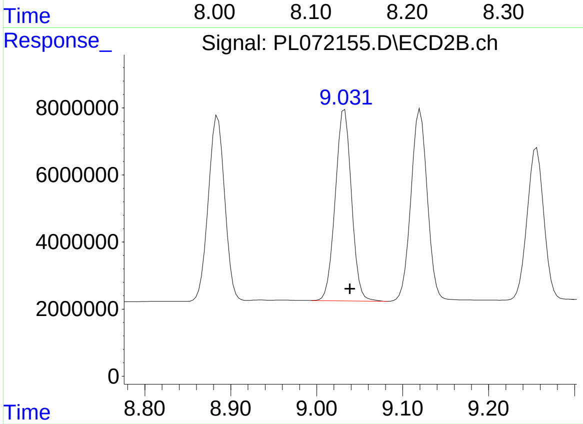
#15 Endosulfan II

```
      R.T.:    9.120 min
Delta R.T.:   -0.009 min
  Response:   76321931
      Conc:   44.50 ng/ml
```



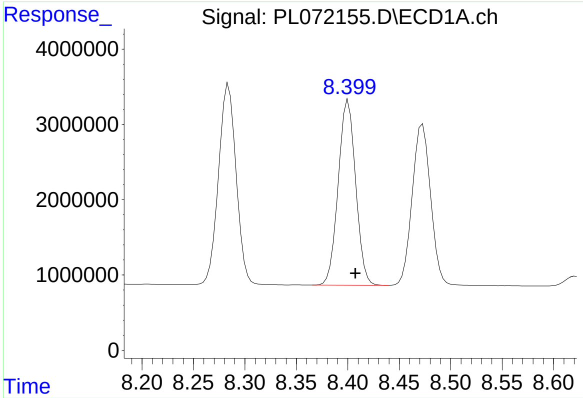
#16 4,4'-DDD

```
      R.T.:    8.141 min
Delta R.T.:   -0.006 min
  Response:   30150669
      Conc:   51.43 ng/ml
```



#16 4,4'-DDD

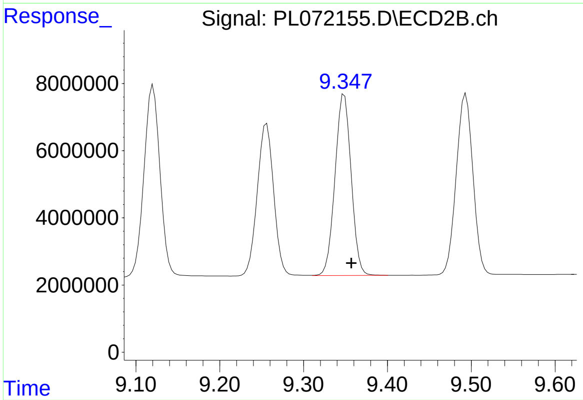
```
      R.T.:    9.032 min
Delta R.T.:   -0.006 min
  Response:   74927076
      Conc:   52.40 ng/ml
```



#17 4,4'-DDT

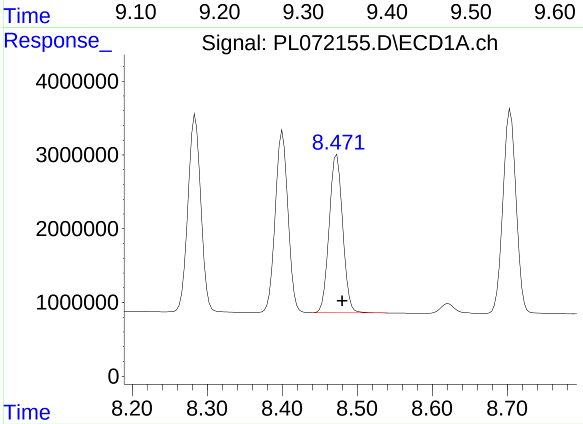
R.T.: 8.401 min
Delta R.T.: -0.007 min
Response: 29032315
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



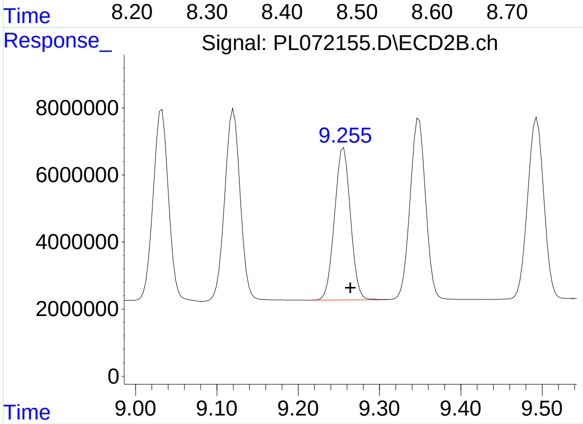
#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.008 min
Response: 72281743
Conc: 45.73 ng/ml



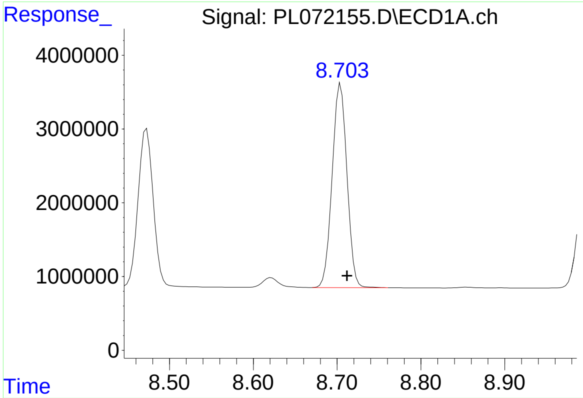
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.007 min
Response: 26859701
Conc: 47.14 ng/ml



#18 Endrin aldehyde

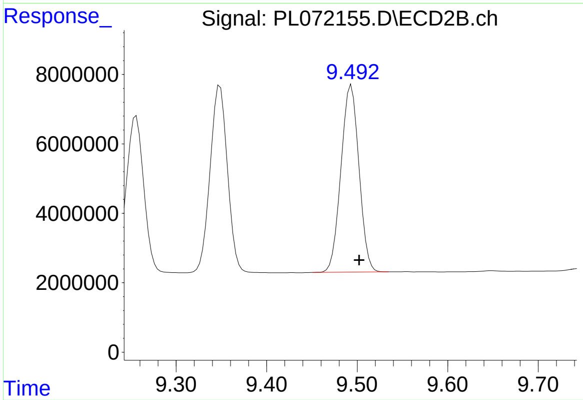
R.T.: 9.256 min
Delta R.T.: -0.008 min
Response: 61922996
Conc: 49.88 ng/ml



#19 Endosulfan Sulfate

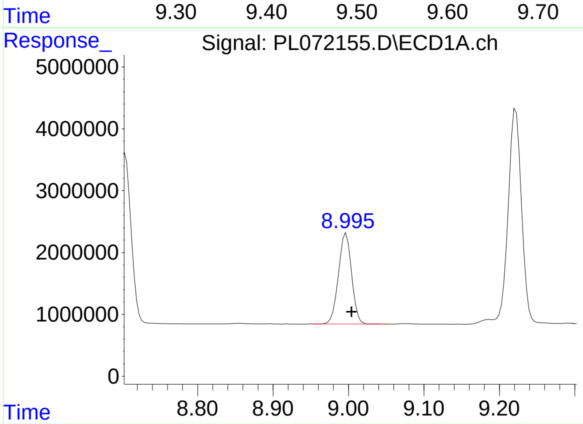
R.T.: 8.704 min
Delta R.T.: -0.008 min
Response: 33889212
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



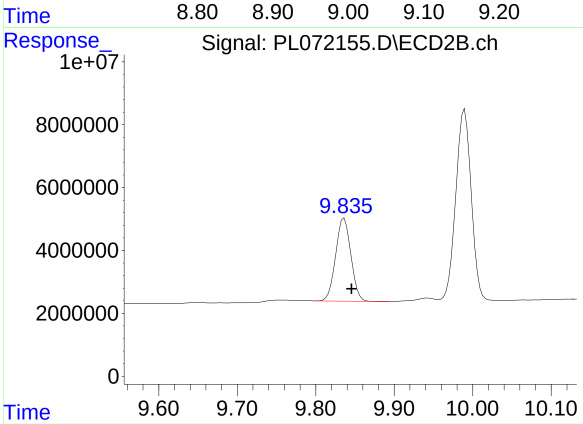
#19 Endosulfan Sulfate

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 74568016
Conc: 47.76 ng/ml



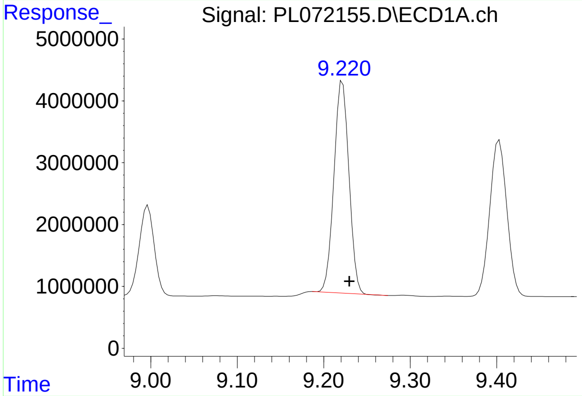
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 17855577
Conc: 42.32 ng/ml



#20 Methoxychlor

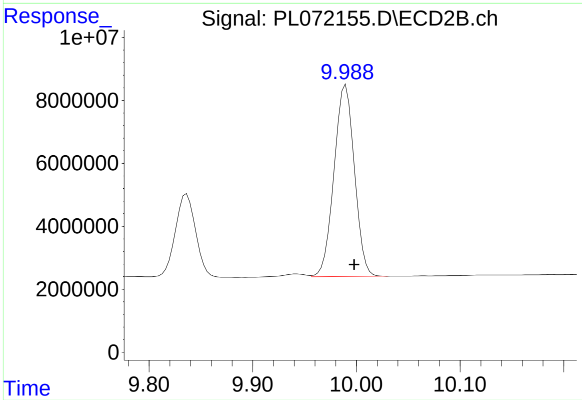
R.T.: 9.836 min
Delta R.T.: -0.009 min
Response: 35611981
Conc: 42.99 ng/ml



#21 Endrin ketone

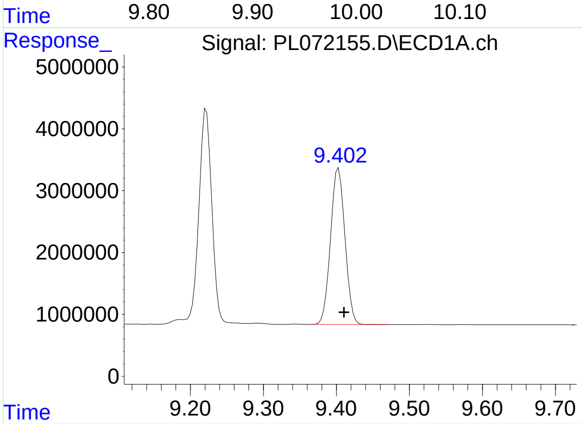
R.T.: 9.222 min
Delta R.T.: -0.008 min
Response: 41012060
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



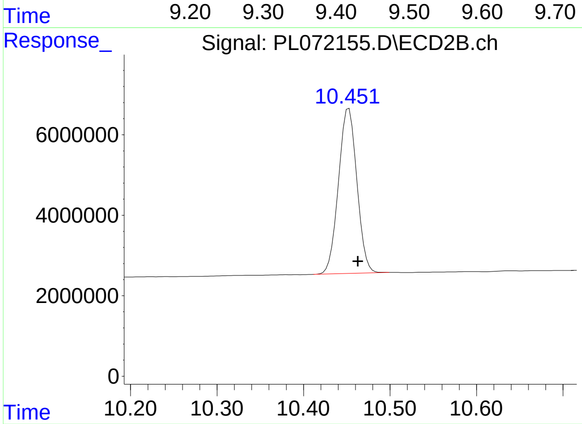
#21 Endrin ketone

R.T.: 9.990 min
Delta R.T.: -0.008 min
Response: 83321474
Conc: 50.35 ng/ml



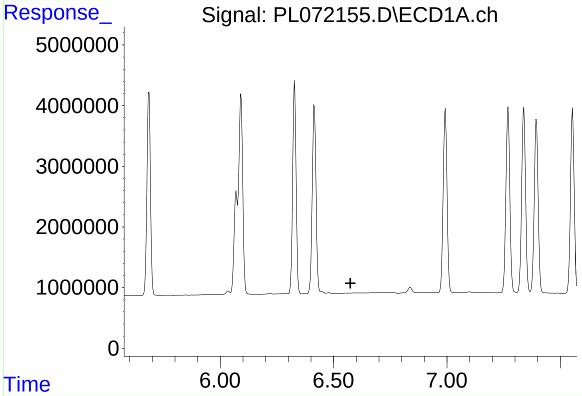
#22 Mirex

R.T.: 9.403 min
Delta R.T.: -0.007 min
Response: 34713383
Conc: 47.01 ng/ml



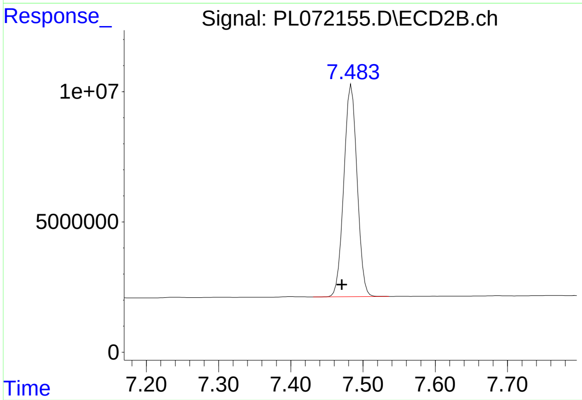
#22 Mirex

R.T.: 10.452 min
Delta R.T.: -0.010 min
Response: 60475832
Conc: 48.47 ng/ml

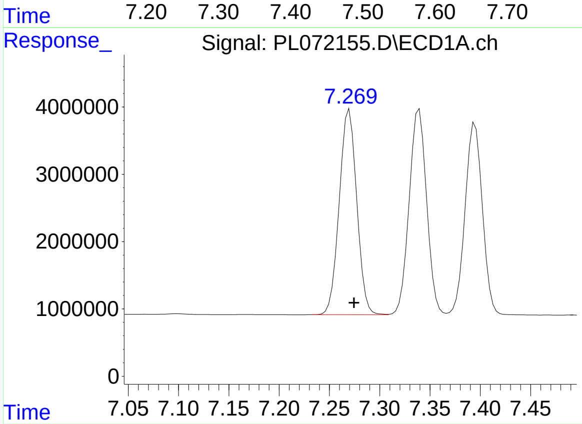



```
#24  Chlordane-2

      R.T.:    0.000 min
Exp R.T.  :    6.574 min
  Response:         0
      Conc:   N.D.
```

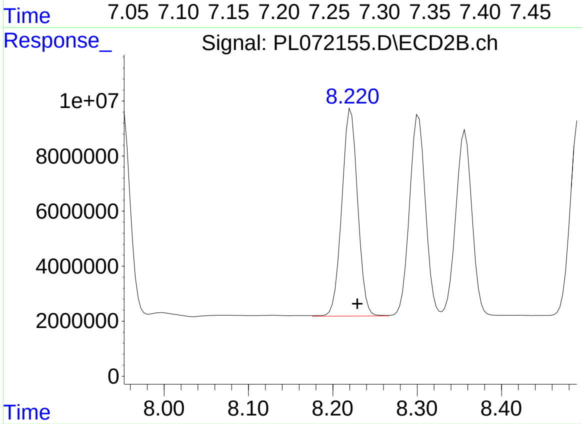
Instrument :
ECD_L
ClientSampleId :



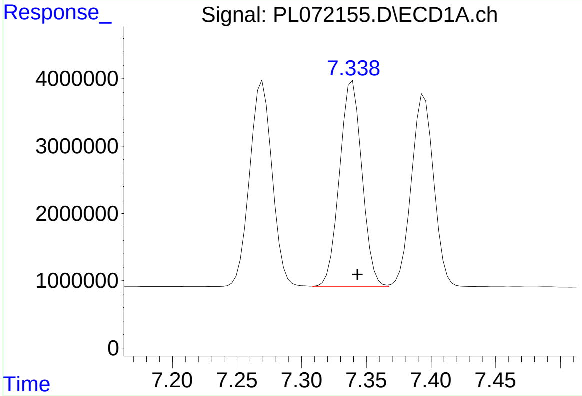

```
#24  Chlordane-2

      R.T.:    7.484 min
Delta R.T.:    0.013 min
  Response: 103205257
      Conc: 1476.59 ng/ml
```




```
#25  Chlordane-3

      R.T.:    7.270 min
Delta R.T.:   -0.005 min
  Response:   36882849
      Conc: 482.07 ng/ml
```



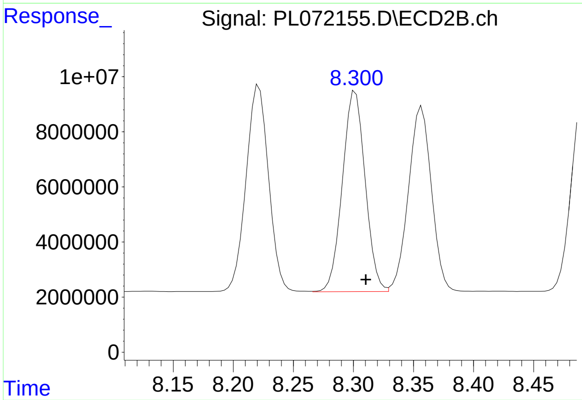

```
#25  Chlordane-3

      R.T.:    8.221 min
Delta R.T.:   -0.007 min
  Response:   98610645
      Conc: 354.93 ng/ml
```



#26 Chlordane-4

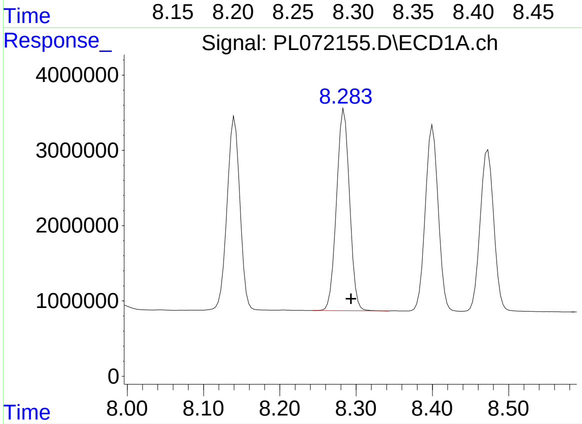
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 36896810
Conc: 447.21 ng/ml

Instrument : ECD_L
ClientSampleId :



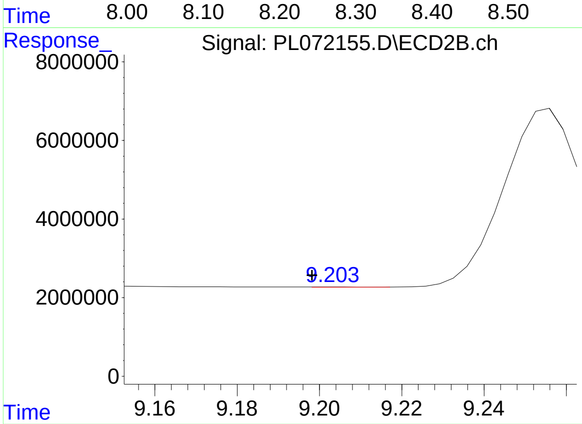
#26 Chlordane-4

R.T.: 8.302 min
Delta R.T.: -0.009 min
Response: 96099988
Conc: 289.40 ng/ml



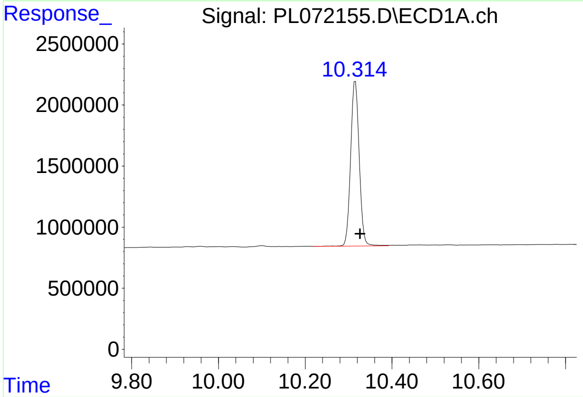
#27 Chlordane-5

R.T.: 8.284 min
Delta R.T.: -0.009 min
Response: 31847543
Conc: 1092.78 ng/ml



#27 Chlordane-5

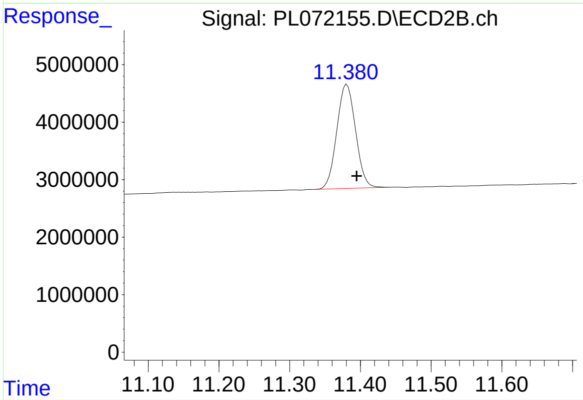
R.T.: 9.204 min
Delta R.T.: 0.006 min
Response: 36970
Conc: 0.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.316 min
Delta R.T.: -0.011 min
Response: 18604989
Conc: 20.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: -0.014 min
Response: 33328691
Conc: 20.66 ng/ml