Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021822\
Data File : PL072807.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Feb 2022 17:23
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 21:36:40 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
Quant Title : GC Extractables
QLast Update : Tue Feb 08 05:14:10 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

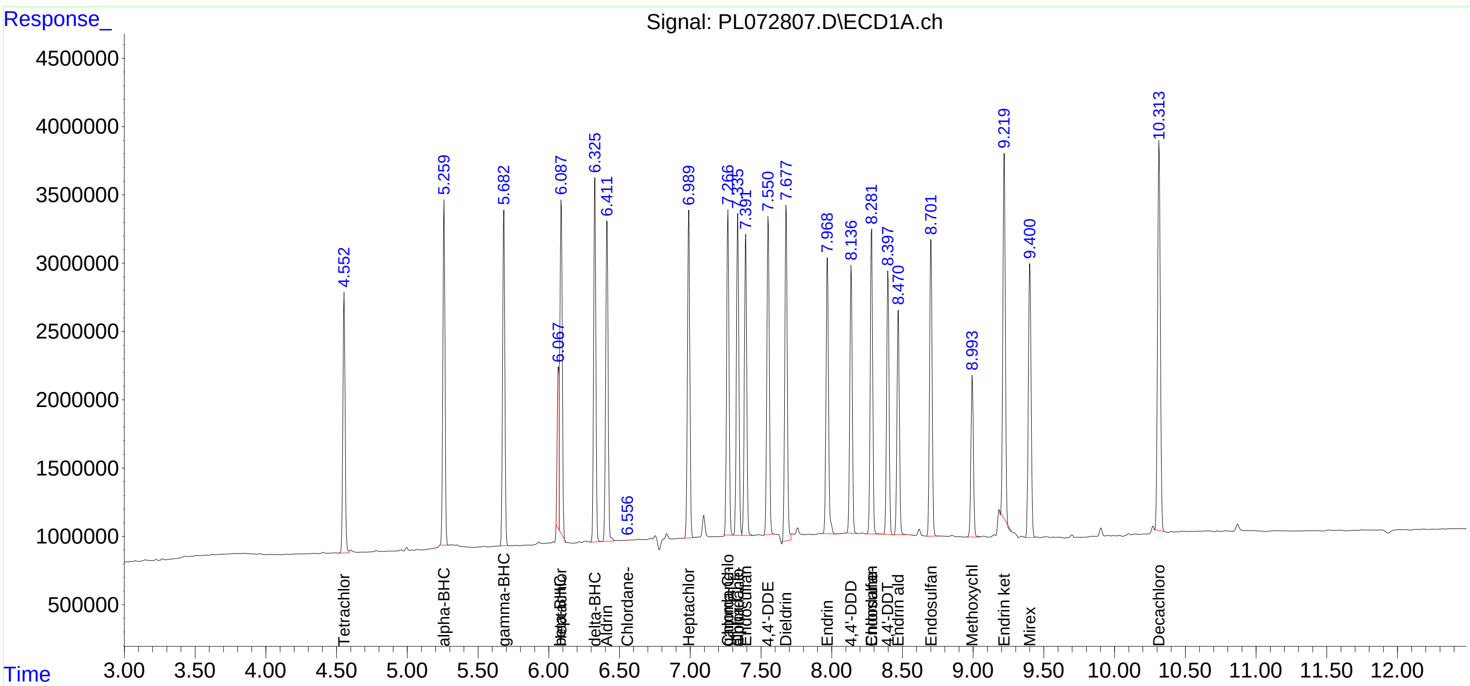
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.553	5.490	21054218	77514767	43.726	44.874	
28)	SA Decachlor...	10.314	11.383	37896054	86728073	50.057	54.691	
	Target Compounds							
2)	A alpha-BHC	5.260	6.071	26857612	104.3E6	40.733	43.548	
3)	MA gamma-BHC...	5.683	6.468	26581108	97508406	42.294	42.350	
4)	MA Heptachlor	6.088	7.113	29514846	97868491	40.435	42.984	
5)	MB Aldrin	6.412	7.483	28381534	94262252	43.958	44.093	
6)	B beta-BHC	6.070	6.728	9511974	44313768	38.387	43.469	
7)	B delta-BHC	6.326	6.993	28536739	98867589	43.099	43.154	
8)	B Heptachlo...	6.990	7.952	28055676	94884938	44.501	49.182	
9)	A Endosulfan I	7.393	8.356	26331335	80053512	45.007	45.758	
10)	B gamma-Chl...	7.267	8.221	28166045	94360596	44.464	48.784	
11)	B alpha-Chl...	7.336	8.301	28528657	88270954	44.801	46.459	
12)	B 4,4'-DDE	7.551	8.492	27787484	82891943	45.725	44.349	
13)	MA Dieldrin	7.678	8.646	29394521	84770288	46.547	45.486	
14)	MA Endrin	7.970	8.885	25009029	69558288	42.692	44.146	
15)	B Endosulfa...	8.282	9.121	26929275	74627258	44.263	44.386	
16)	A 4,4'-DDD	8.138	9.033	23136657	65260546	48.092	47.161	
17)	MA 4,4'-DDT	8.398	9.349	22931629	64041984	42.617	41.834	
18)	B Endrin al...	8.471	9.256	19566120	51835884	44.888	46.057	
19)	B Endosulfa...	8.702	9.494	26936186	69053086	45.263	46.159	
20)	A Methoxychlor	8.994	9.837	14632519	32349516	41.614	39.955	
21)	B Endrin ke...	9.220	9.991	31333288	77445720	45.591	48.607	
22)	Mirex	9.401	10.453	26944921	55471949	45.419	47.255	
24)	Chlordane-2	6.558	7.483f	19836	94262252	0.784	1224.010	#
25)	Chlordane-3	7.267	8.221	28166045	94360596	417.888	315.758	
26)	Chlordane-4	7.336	8.301	28528657	88270954	388.802	247.399	#
27)	Chlordane-5	8.282	9.203	26929275	25643	1049.651	0.420	#

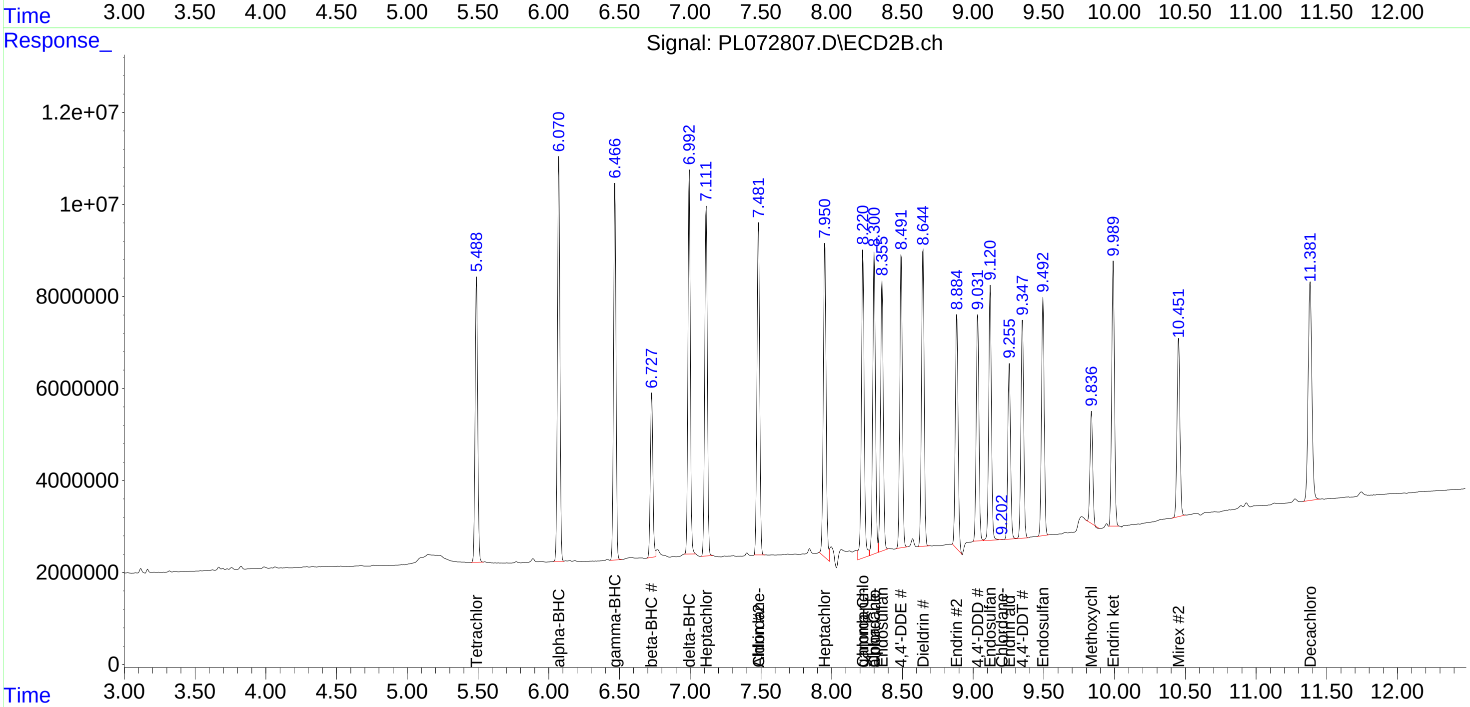
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

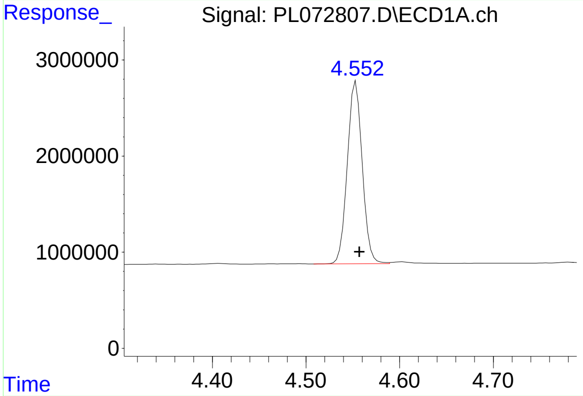
Quantitation Report (Not Reviewed)

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021822\
Data File : PL072807.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 18 Feb 2022  17:23
Operator  : AR\AJ
Sample    : PSTDCCC050
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 21:36:40 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
Quant Title  : GC Extractables
QLast Update : Tue Feb 08 05:14:10 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 :



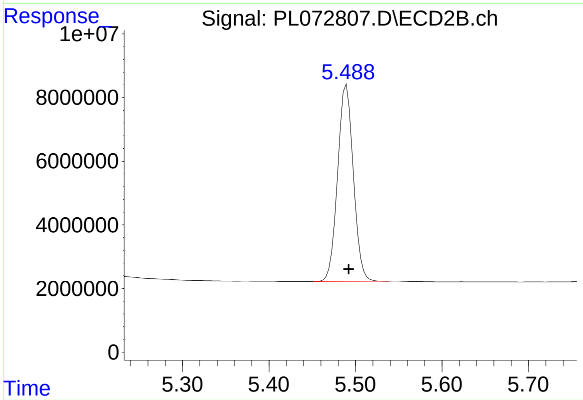




#1 Tetrachloro-m-xylene

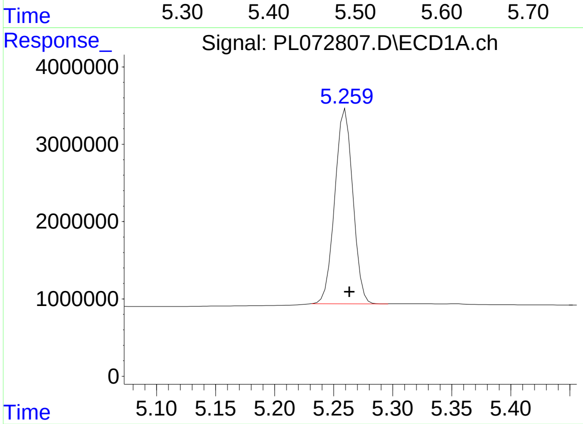
R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 21054218
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



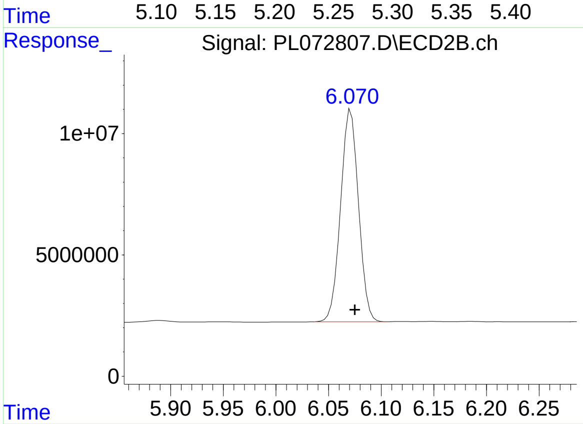
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 77514767
Conc: 44.87 ng/ml



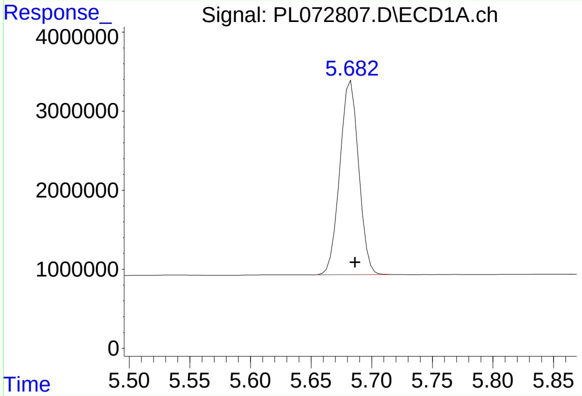
#2 alpha-BHC

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 26857612
Conc: 40.73 ng/ml



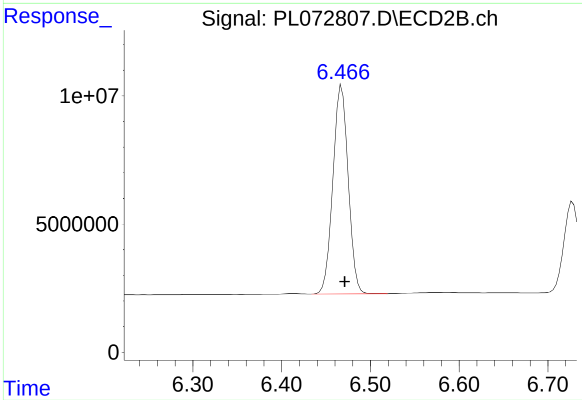
#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 104286932
Conc: 43.55 ng/ml

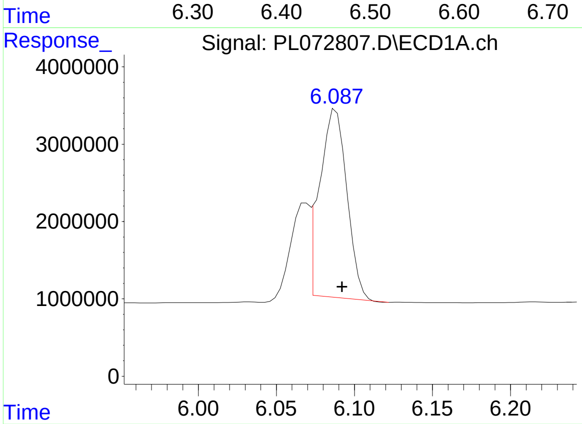



```
#3  gamma-BHC (Lindane)

      R.T.:    5.683 min
Delta R.T.:   -0.003 min
  Response:   26581108
      Conc:   42.29 ng/ml
```

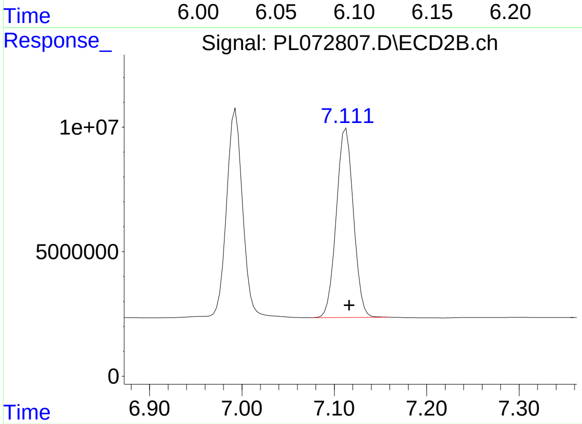
Instrument :
ECD_L
ClientSampleId :



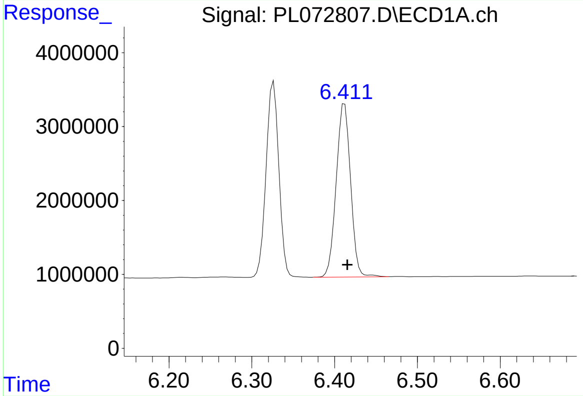

```
#3  gamma-BHC (Lindane)

      R.T.:    6.468 min
Delta R.T.:   -0.003 min
  Response:   97508406
      Conc:   42.35 ng/ml
```




```
#4  Heptachlor

      R.T.:    6.088 min
Delta R.T.:   -0.004 min
  Response:   29514846
      Conc:   40.44 ng/ml
```



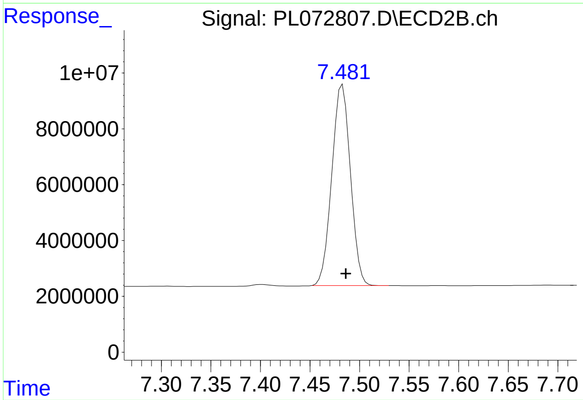

```
#4  Heptachlor

      R.T.:    7.113 min
Delta R.T.:   -0.003 min
  Response:   97868491
      Conc:   42.98 ng/ml
```



#5 Aldrin

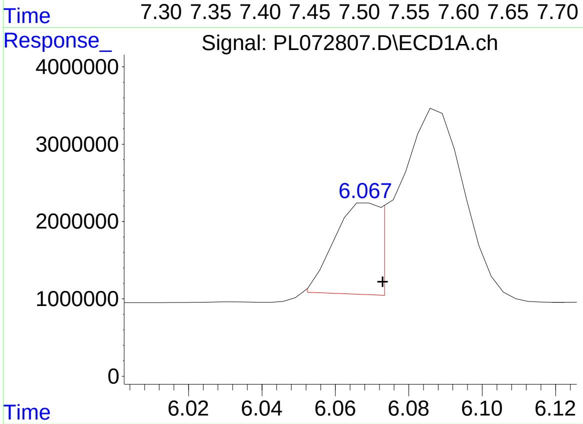
R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 28381534
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



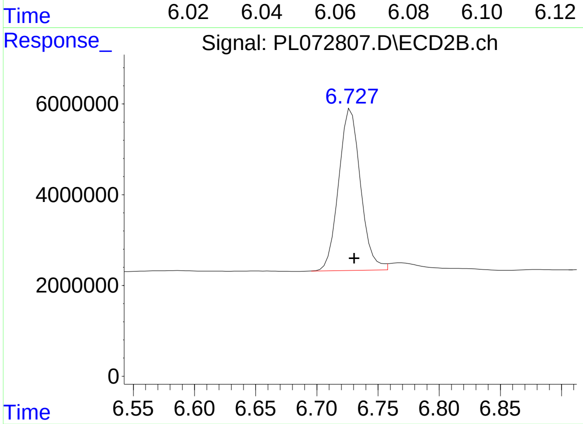
#5 Aldrin

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 94262252
Conc: 44.09 ng/ml



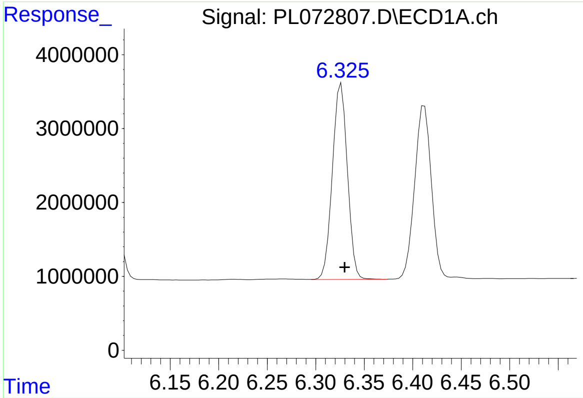
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 9511974
Conc: 38.39 ng/ml



#6 beta-BHC

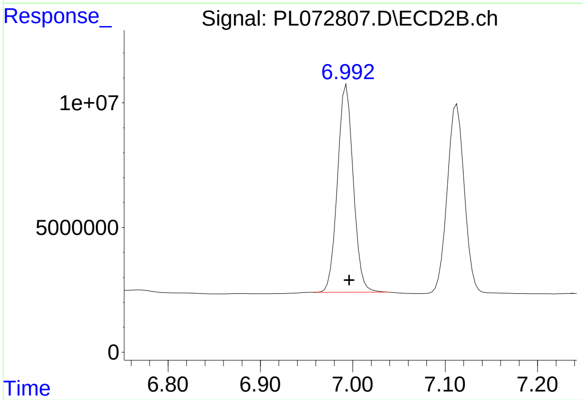
R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 44313768
Conc: 43.47 ng/ml



#7 delta-BHC

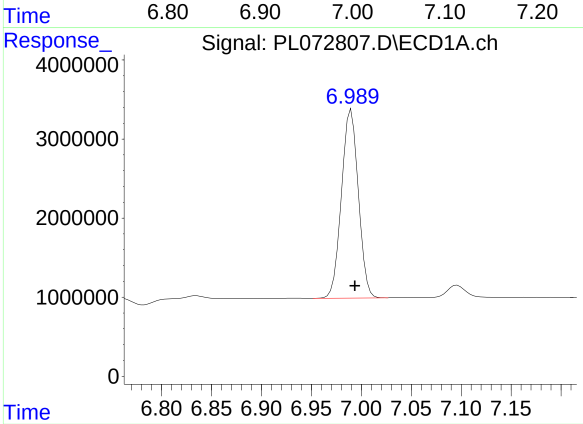
R.T.: 6.326 min
Delta R.T.: -0.003 min
Response: 28536739
Conc: 43.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



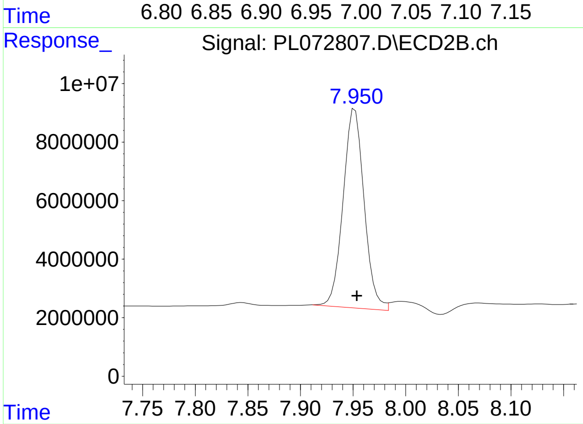
#7 delta-BHC

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 98867589
Conc: 43.15 ng/ml



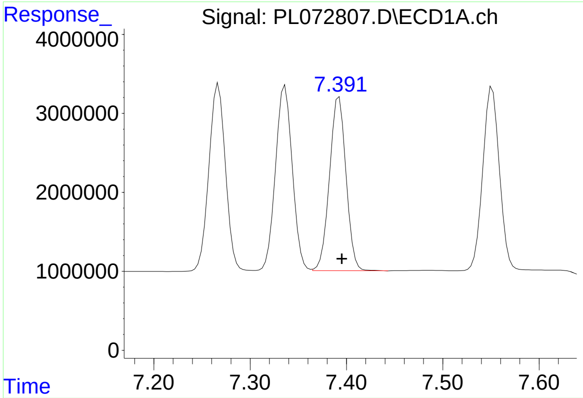
#8 Heptachlor epoxide

R.T.: 6.990 min
Delta R.T.: -0.004 min
Response: 28055676
Conc: 44.50 ng/ml



#8 Heptachlor epoxide

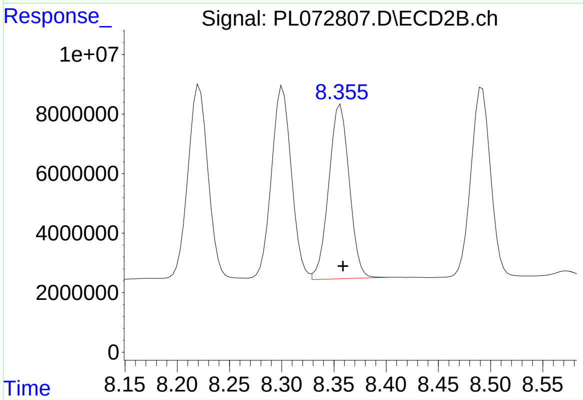
R.T.: 7.952 min
Delta R.T.: -0.002 min
Response: 94884938
Conc: 49.18 ng/ml



#9 Endosulfan I

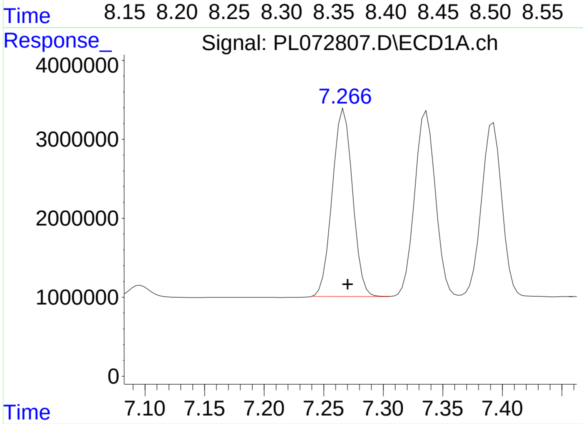
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 26331335
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



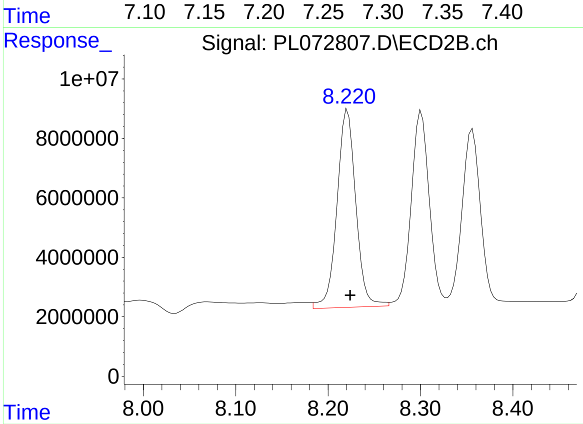
#9 Endosulfan I

R.T.: 8.356 min
Delta R.T.: -0.002 min
Response: 80053512
Conc: 45.76 ng/ml



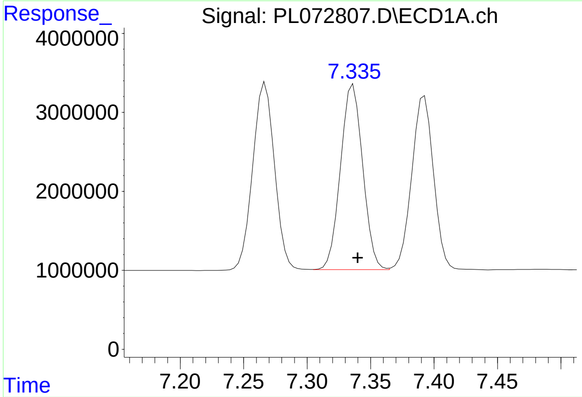
#10 gamma-Chlordane

R.T.: 7.267 min
Delta R.T.: -0.003 min
Response: 28166045
Conc: 44.46 ng/ml



#10 gamma-Chlordane

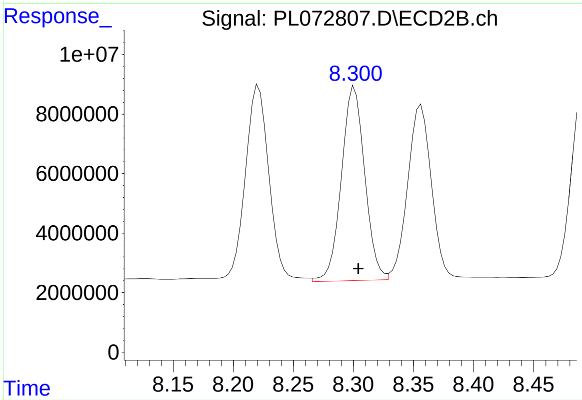
R.T.: 8.221 min
Delta R.T.: -0.003 min
Response: 94360596
Conc: 48.78 ng/ml



#11 alpha-Chlordane

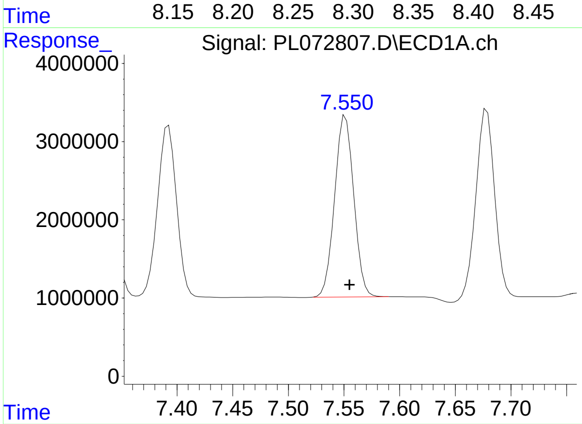
```
      R.T.:    7.336 min
Delta R.T.:   -0.003 min
  Response:   28528657
      Conc:   44.80 ng/ml
```

Instrument :
ECD_L
ClientSampleId :



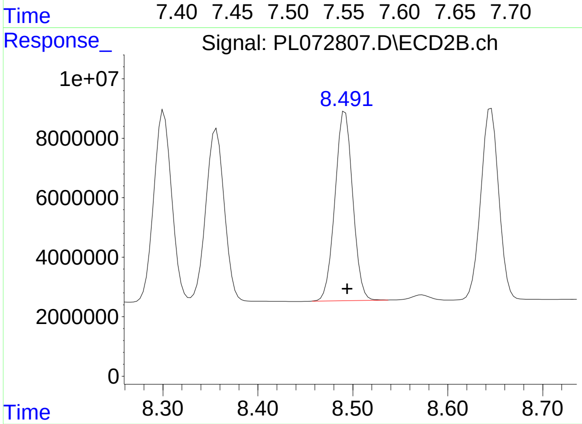
#11 alpha-Chlordane

```
      R.T.:    8.301 min
Delta R.T.:   -0.003 min
  Response:   88270954
      Conc:   46.46 ng/ml
```



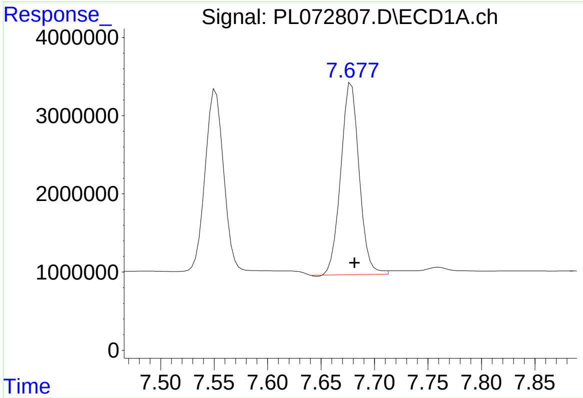
#12 4,4'-DDE

```
      R.T.:    7.551 min
Delta R.T.:   -0.003 min
  Response:   27787484
      Conc:   45.73 ng/ml
```



#12 4,4'-DDE

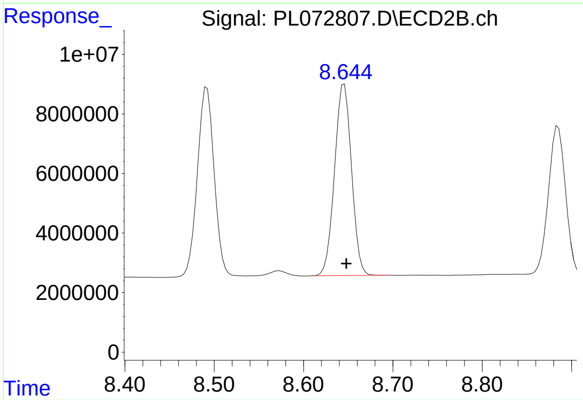
```
      R.T.:    8.492 min
Delta R.T.:   -0.002 min
  Response:   82891943
      Conc:   44.35 ng/ml
```



#13 Dieldrin

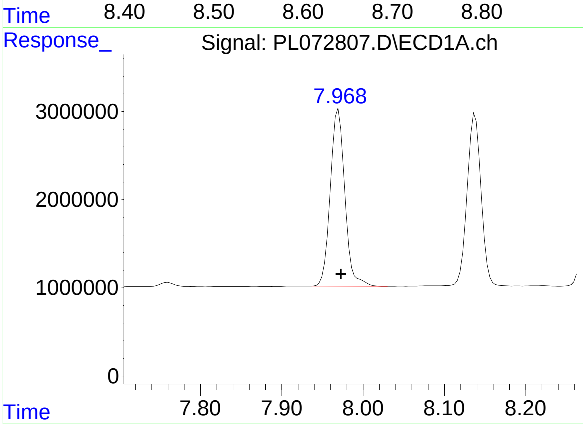
R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 29394521
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



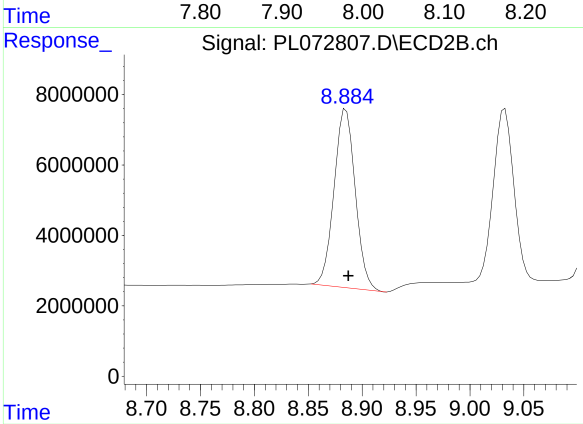
#13 Dieldrin

R.T.: 8.646 min
Delta R.T.: -0.002 min
Response: 84770288
Conc: 45.49 ng/ml



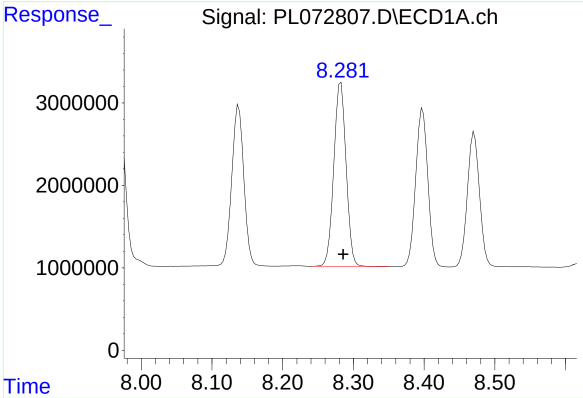
#14 Endrin

R.T.: 7.970 min
Delta R.T.: -0.003 min
Response: 25009029
Conc: 42.69 ng/ml



#14 Endrin

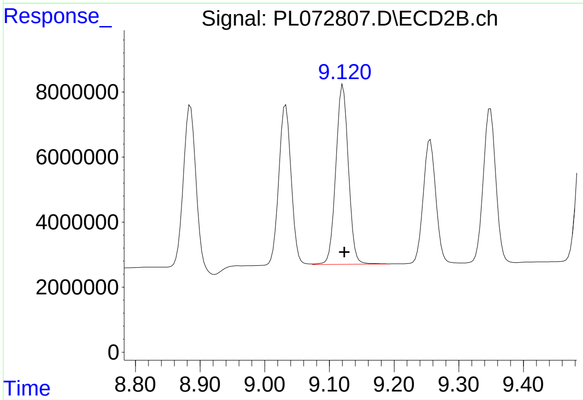
R.T.: 8.885 min
Delta R.T.: -0.002 min
Response: 69558288
Conc: 44.15 ng/ml



#15 Endosulfan II

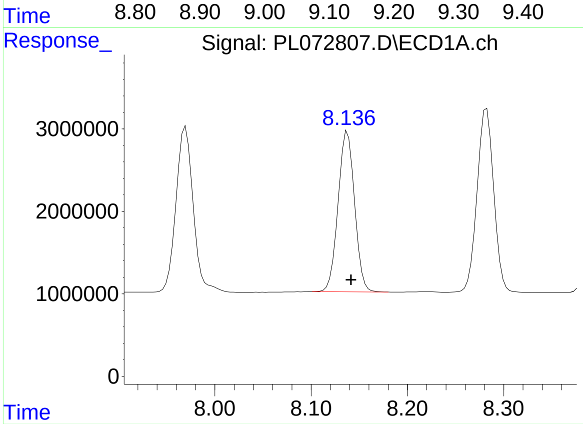
R.T.: 8.282 min
Delta R.T.: -0.003 min
Response: 26929275
Conc: 44.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



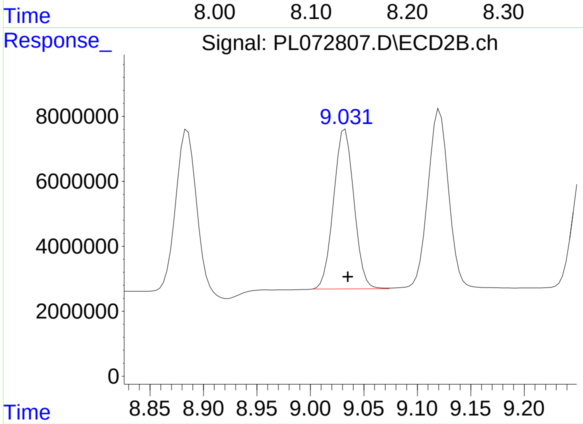
#15 Endosulfan II

R.T.: 9.121 min
Delta R.T.: -0.002 min
Response: 74627258
Conc: 44.39 ng/ml



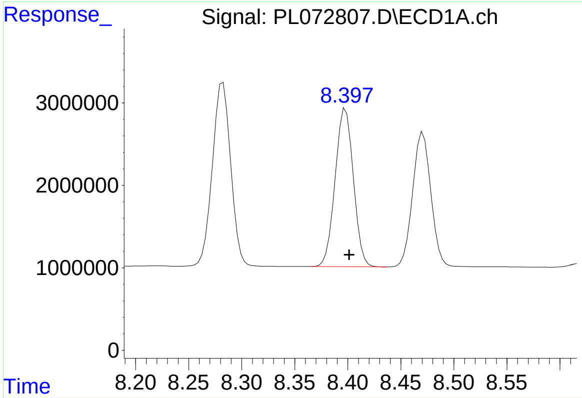
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 23136657
Conc: 48.09 ng/ml



#16 4,4'-DDD

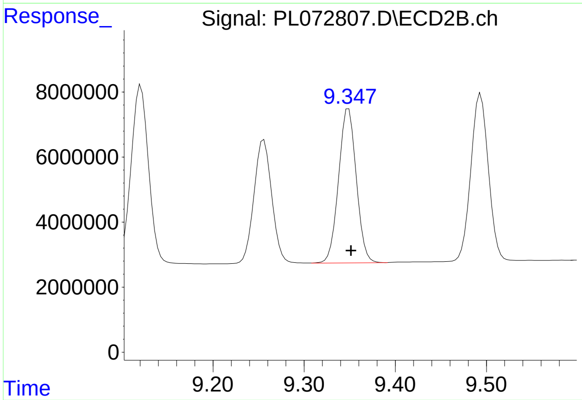
R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 65260546
Conc: 47.16 ng/ml



#17 4,4'-DDT

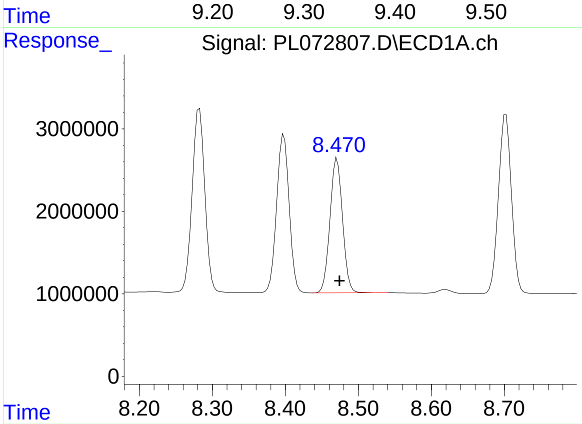
R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 22931629
Conc: 42.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



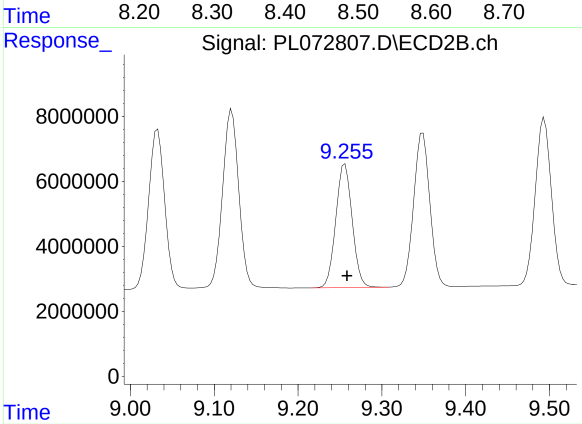
#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 64041984
Conc: 41.83 ng/ml



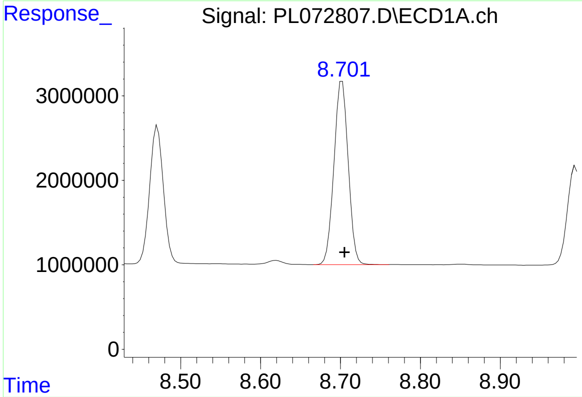
#18 Endrin aldehyde

R.T.: 8.471 min
Delta R.T.: -0.003 min
Response: 19566120
Conc: 44.89 ng/ml



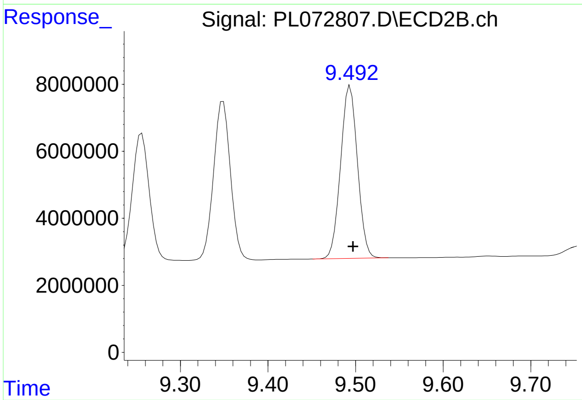
#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 51835884
Conc: 46.06 ng/ml

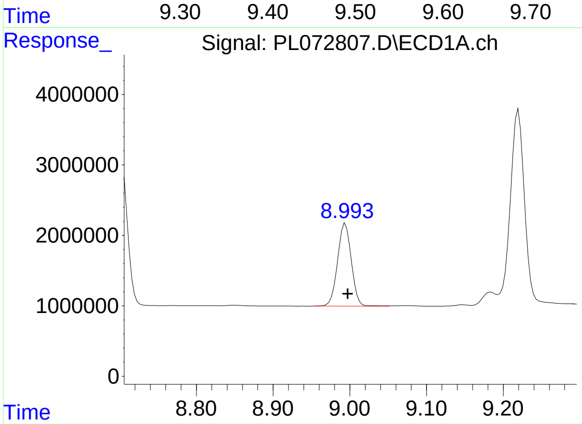



```
#19  Endosulfan Sulfate

      R.T.:    8.702 min
Delta R.T.:   -0.003 min
  Response:   26936186
      Conc:   45.26 ng/ml
```

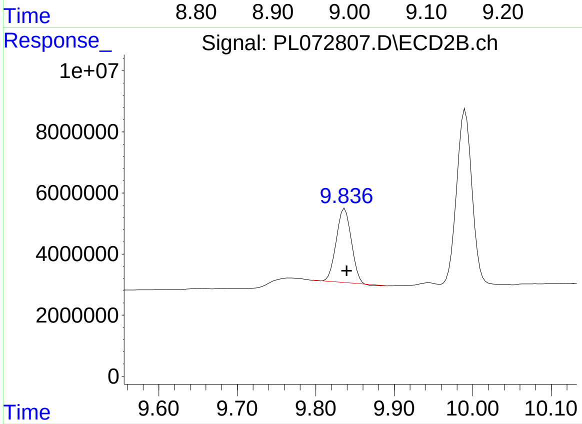
Instrument :
ECD_L
ClientSampleId :



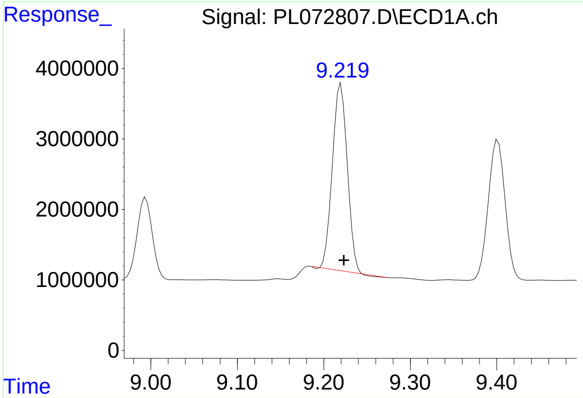

```
#19  Endosulfan Sulfate

      R.T.:    9.494 min
Delta R.T.:   -0.003 min
  Response:   69053086
      Conc:   46.16 ng/ml
```




```
#20  Methoxychlor

      R.T.:    8.994 min
Delta R.T.:   -0.003 min
  Response:   14632519
      Conc:   41.61 ng/ml
```



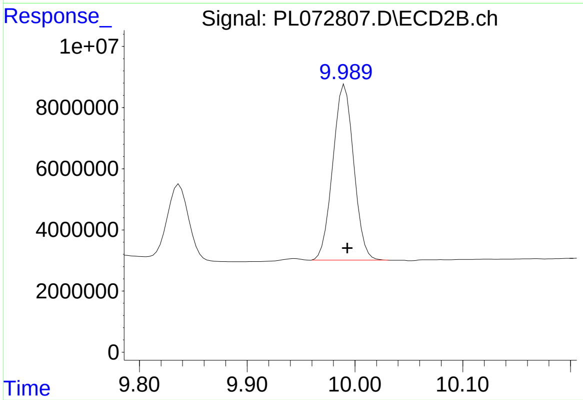

```
#20  Methoxychlor

      R.T.:    9.837 min
Delta R.T.:   -0.002 min
  Response:   32349516
      Conc:   39.95 ng/ml
```



#21 Endrin ketone

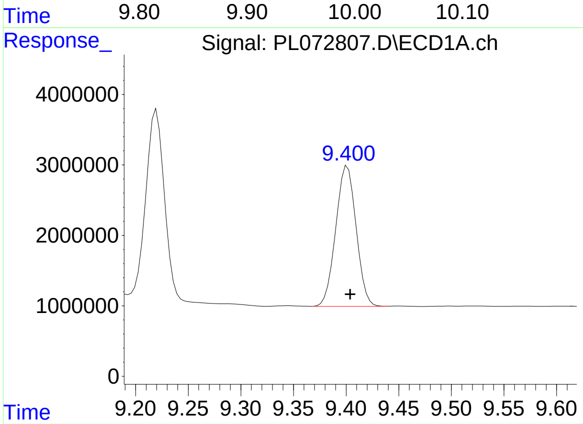
R.T.: 9.220 min
Delta R.T.: -0.003 min
Response: 31333288
Conc: 45.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



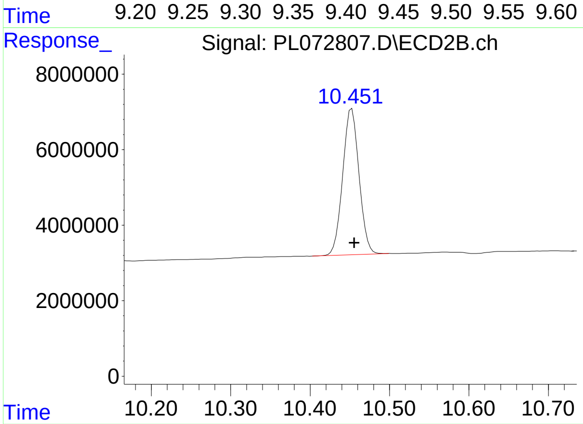
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 77445720
Conc: 48.61 ng/ml



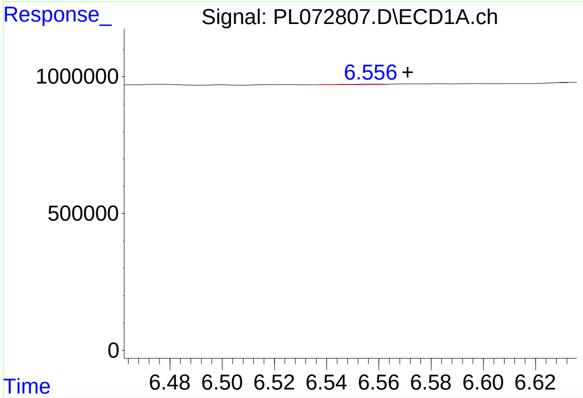
#22 Mirex

R.T.: 9.401 min
Delta R.T.: -0.003 min
Response: 26944921
Conc: 45.42 ng/ml



#22 Mirex

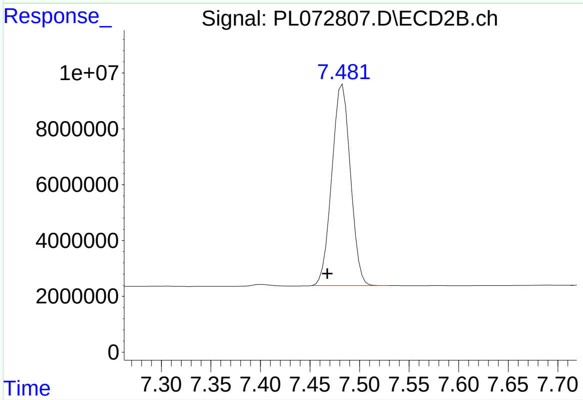
R.T.: 10.453 min
Delta R.T.: -0.003 min
Response: 55471949
Conc: 47.25 ng/ml



#24 Chlordane-2

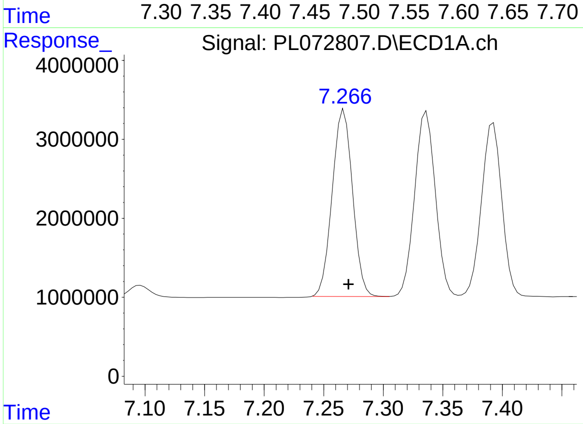
R.T.: 6.558 min
Delta R.T.: -0.013 min
Response: 19836
Conc: 0.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



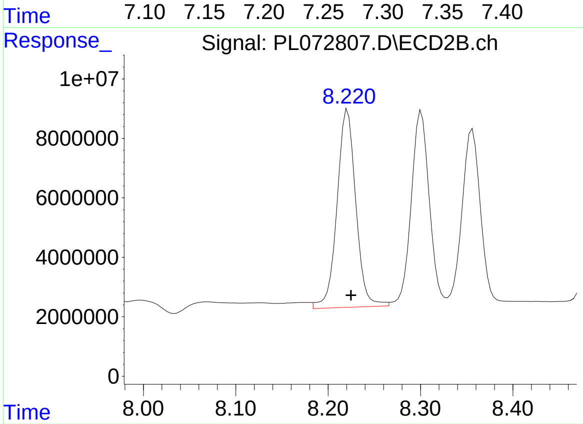
#24 Chlordane-2

R.T.: 7.483 min
Delta R.T.: 0.015 min
Response: 94262252
Conc: 1224.01 ng/ml



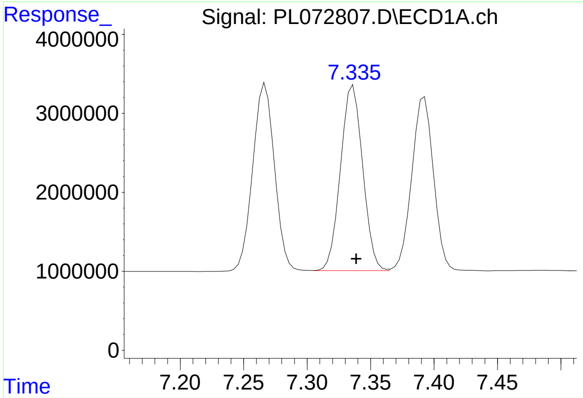
#25 Chlordane-3

R.T.: 7.267 min
Delta R.T.: -0.004 min
Response: 28166045
Conc: 417.89 ng/ml



#25 Chlordane-3

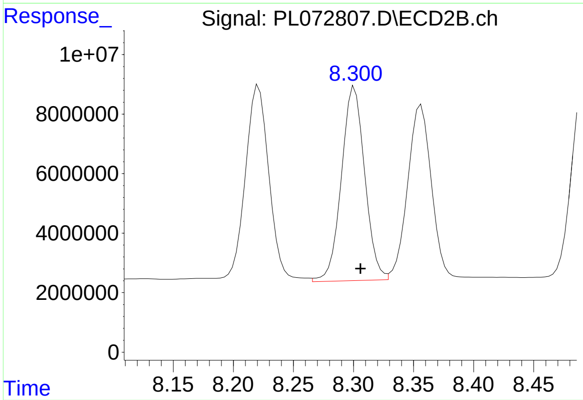
R.T.: 8.221 min
Delta R.T.: -0.004 min
Response: 94360596
Conc: 315.76 ng/ml



#26 Chlordane-4

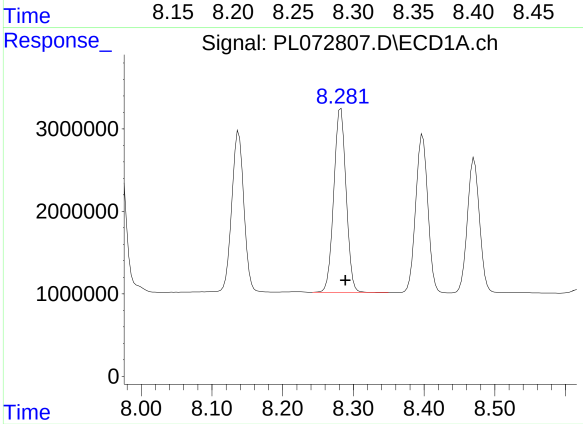
R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 28528657
Conc: 388.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



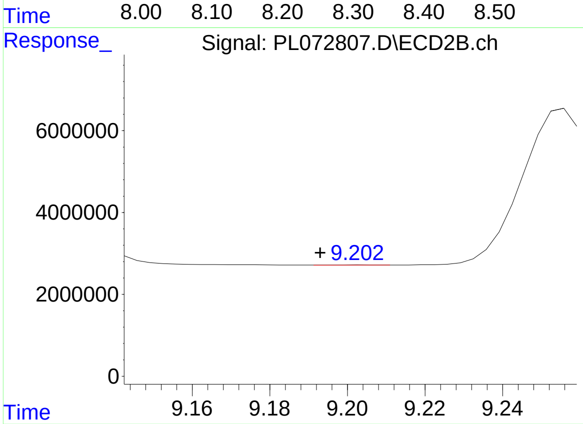
#26 Chlordane-4

R.T.: 8.301 min
Delta R.T.: -0.005 min
Response: 88270954
Conc: 247.40 ng/ml



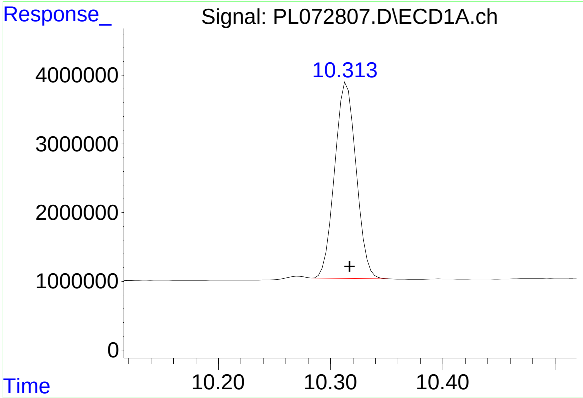
#27 Chlordane-5

R.T.: 8.282 min
Delta R.T.: -0.006 min
Response: 26929275
Conc: 1049.65 ng/ml



#27 Chlordane-5

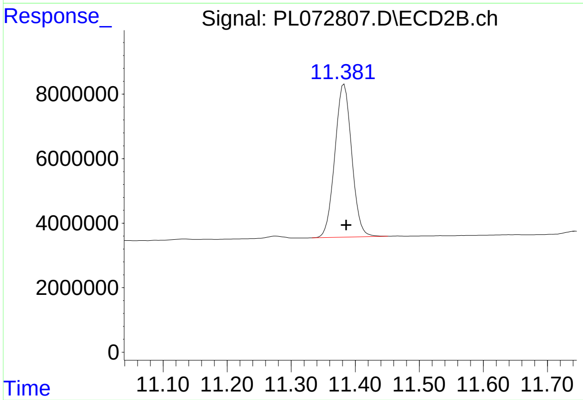
R.T.: 9.203 min
Delta R.T.: 0.010 min
Response: 25643
Conc: 0.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.003 min
Response: 37896054
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 86728073
Conc: 54.69 ng/ml