Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121118\
Data File : PL042941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Dec 2018 14:03
Operator : AJ\SJ
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: Dec 12 00:30:49 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120618.M
Quant Title : GC Extractables
QLast Update : Fri Dec 07 00:20:08 2018
Response via : Initial Calibration
Integrator: ChemStation

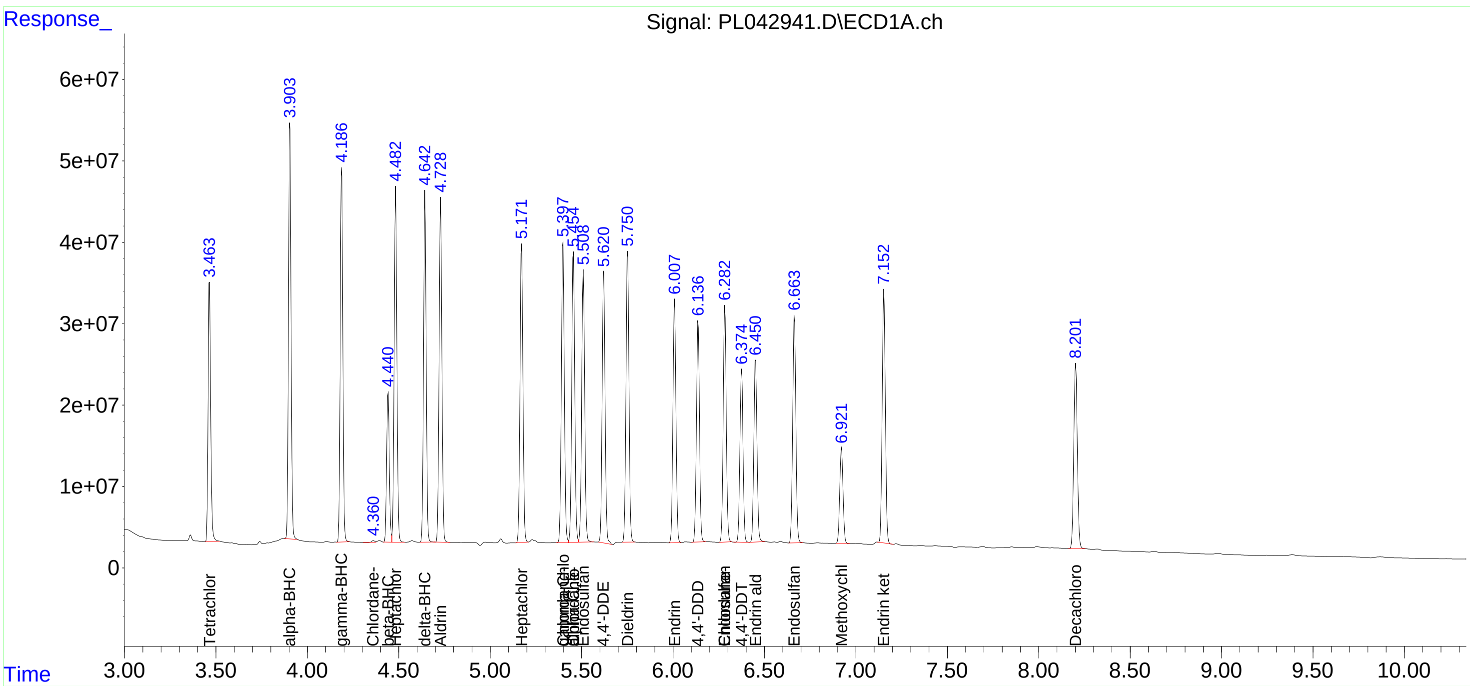
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

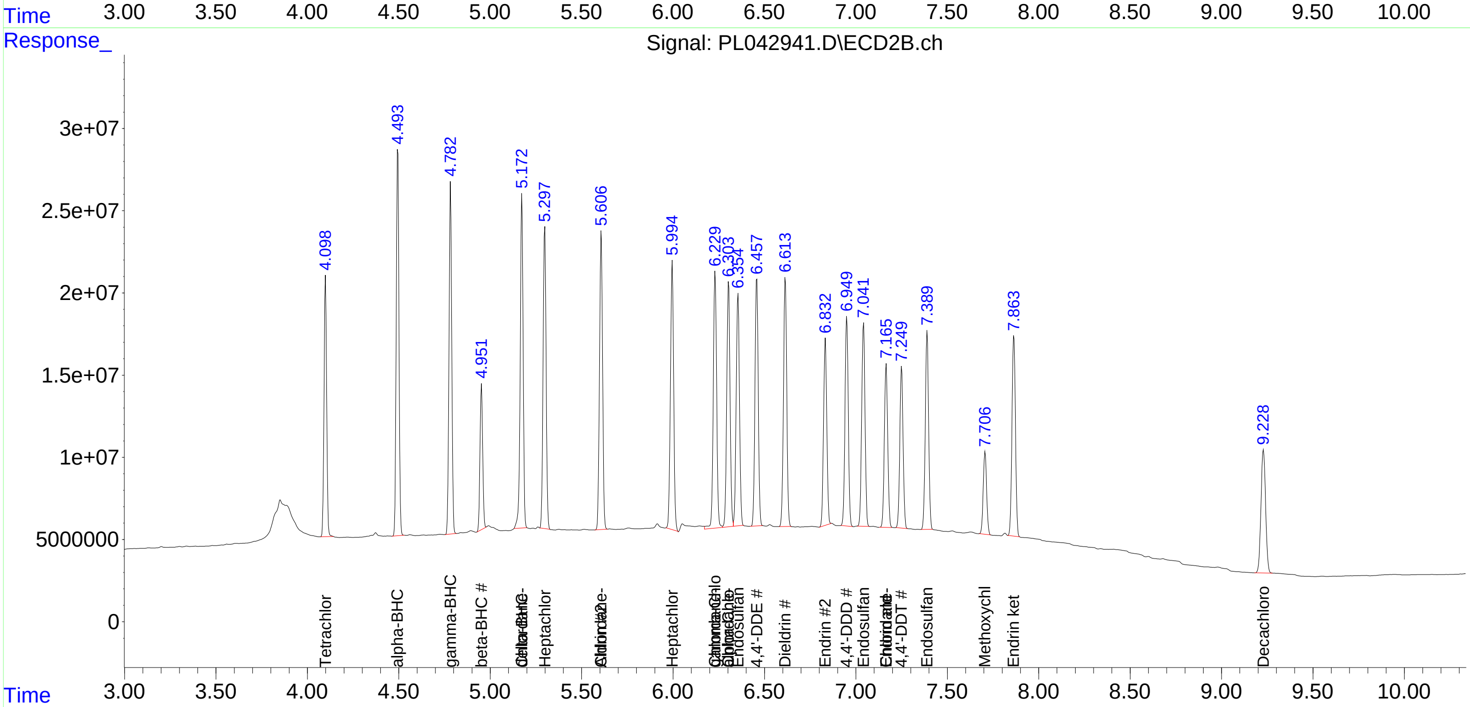
		Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
		System Monitoring Compounds							
1)	SA	Tetrachlo...	3.465	4.099	314.0E6	157.2E6	51.199	53.024	
28)	SA	Decachlor...	8.203	9.229	307.1E6	131.6E6	47.027	50.469	
		Target Compounds							
2)	A	alpha-BHC	3.905	4.495	495.8E6	242.0E6	52.449	53.501	
3)	MA	gamma-BHC...	4.188	4.783	451.8E6	221.4E6	52.327	52.776	
4)	MA	Heptachlor	4.483	5.299	450.0E6	207.4E6	50.723	50.642	
5)	MB	Aldrin	4.729	5.607	446.8E6	213.0E6	52.697	52.192	
6)	B	beta-BHC	4.442	4.953	185.9E6	91247298	50.395	53.899	
7)	B	delta-BHC	4.644	5.173	430.2E6	222.8E6	53.125	51.832	
8)	B	Heptachlo...	5.172	5.996	406.9E6	200.5E6	51.336	52.867	
9)	A	Endosulfan I	5.510	6.356	377.5E6	175.9E6	51.529	51.805	
10)	B	gamma-Chl...	5.398	6.230	414.7E6	199.0E6	51.441	54.174	
11)	B	alpha-Chl...	5.455	6.304	403.8E6	186.6E6	50.861	51.880	
12)	B	4,4'-DDE	5.621	6.458	374.3E6	185.9E6	54.073	51.303	
13)	MA	Dieldrin	5.752	6.614	407.7E6	187.6E6	52.439	51.754	
14)	MA	Endrin	6.009	6.833	342.8E6	140.2E6	47.613	44.895	
15)	B	Endosulfa...	6.284	7.042	335.8E6	156.8E6	50.483	51.771	
16)	A	4,4'-DDD	6.137	6.950	317.4E6	157.5E6	55.965	53.724	
17)	MA	4,4'-DDT	6.376	7.250	251.1E6	123.2E6	42.208	41.934	
18)	B	Endrin al...	6.451	7.166	269.3E6	127.8E6	48.872	50.971	
19)	B	Endosulfa...	6.664	7.390	339.6E6	152.8E6	50.692	50.815	
20)	A	Methoxychlor	6.922	7.707	148.2E6	64250824	44.181	42.598	
21)	B	Endrin ke...	7.154	7.864	373.8E6	160.6E6	51.698	52.526	
23)		Chlordane-1	4.361	5.173	2080879	222.8E6	7.744	1576.074	#
24)		Chlordane-2	0.000	5.607	0	213.0E6	N.D.	1485.242	#
25)		Chlordane-3	5.398	6.230	414.7E6	199.0E6	499.023	405.263	
26)		Chlordane-4	5.455	6.304	403.8E6	186.6E6	534.050	326.911	#
27)		Chlordane-5	6.284	7.166	335.8E6	127.8E6	1400.075	1090.501	

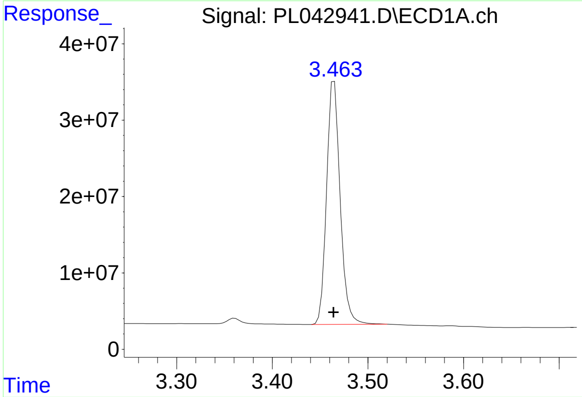
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_L
ClientSampleId :

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121118\
Data File : PL042941.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 11 Dec 2018  14:03
Operator  : AJ\SJ
Sample    : PSTDCCC050
Misc      :
ALS Vial  : 4   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 00:30:49 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120618.M
Quant Title  : GC Extractables
QLast Update : Fri Dec 07 00:20:08 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj.       : 2 µl
Signal #1 Phase : ZB-MR1            Signal #2 Phase: ZB-MR2
Signal #1 Info  : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm
```



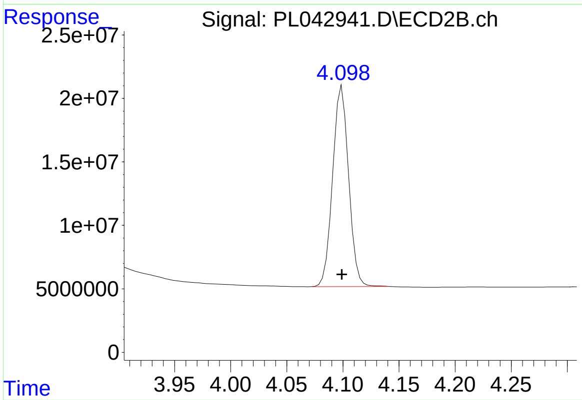




#1 Tetrachloro-m-xylene

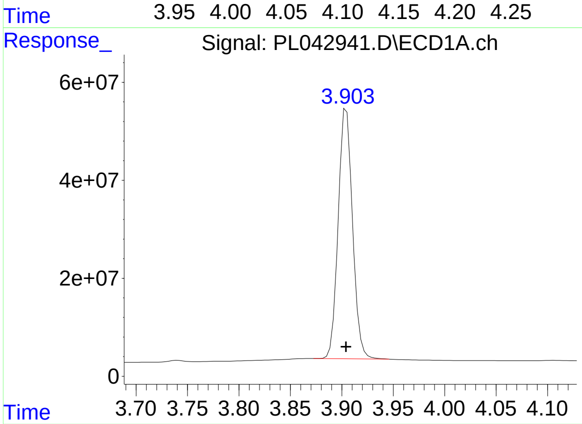
R.T.: 3.465 min
Delta R.T.: 0.000 min
Response: 313998460
Conc: 51.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



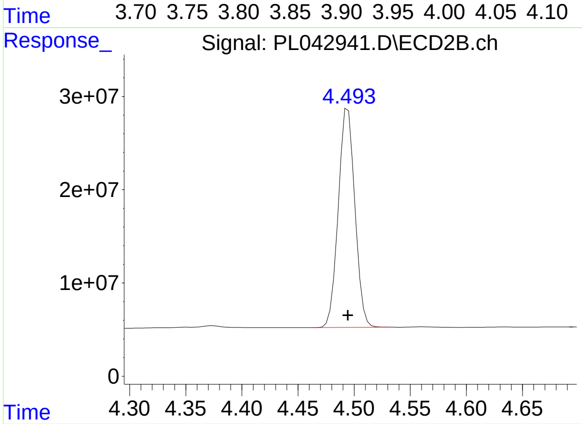
#1 Tetrachloro-m-xylene

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 157159007
Conc: 53.02 ng/ml



#2 alpha-BHC

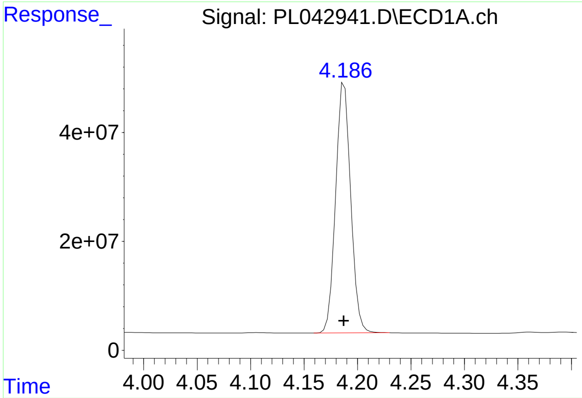
R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 495821907
Conc: 52.45 ng/ml



#2 alpha-BHC

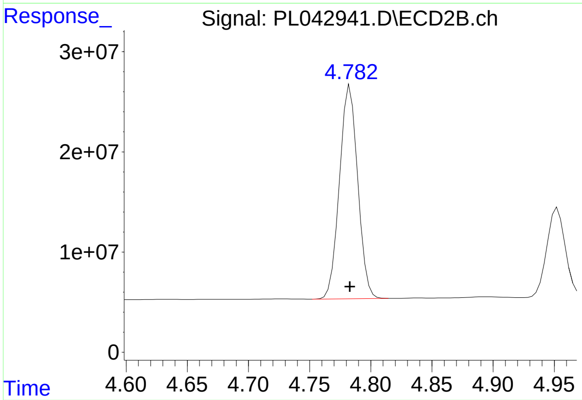
R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 242009780
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



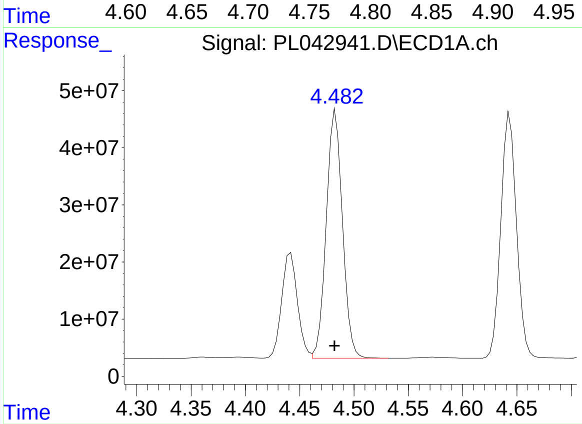
#3 gamma-BHC (Lindane)

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 451816471
Conc: 52.33 ng/ml



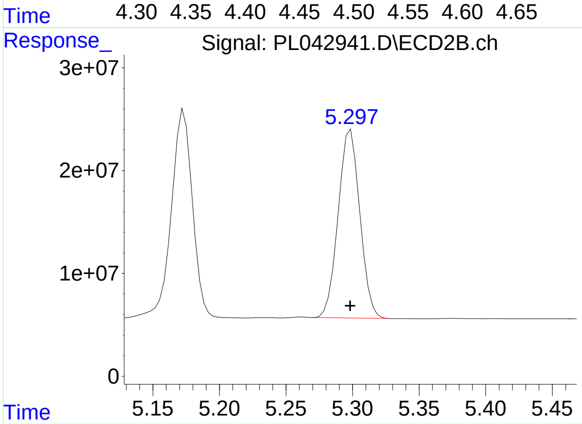
#3 gamma-BHC (Lindane)

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 221352320
Conc: 52.78 ng/ml



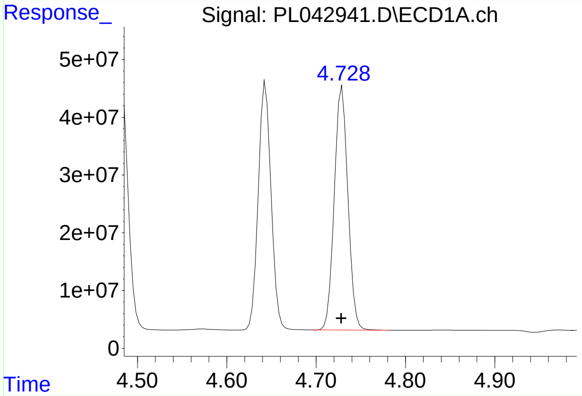
#4 Heptachlor

R.T.: 4.483 min
Delta R.T.: 0.000 min
Response: 450045352
Conc: 50.72 ng/ml



#4 Heptachlor

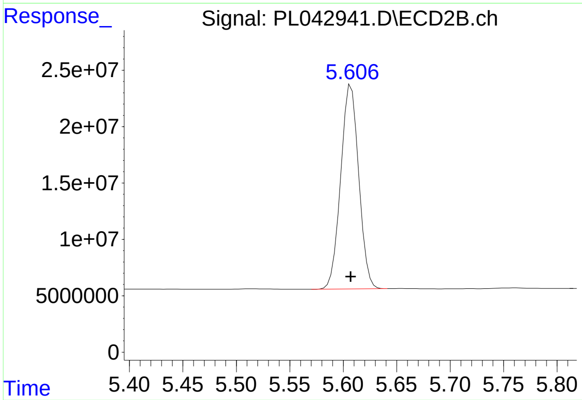
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 207446771
Conc: 50.64 ng/ml



#5 Aldrin

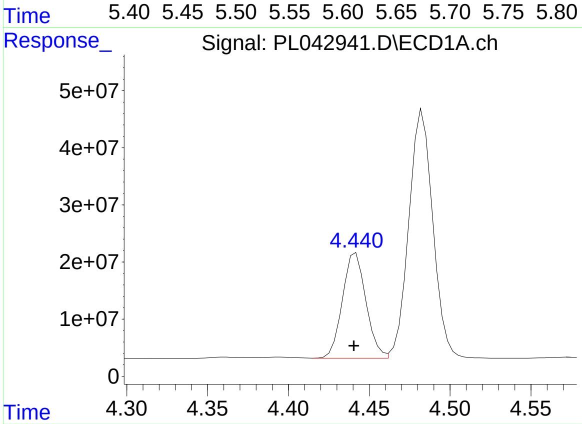
R.T.: 4.729 min
Delta R.T.: 0.001 min
Response: 446798921
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



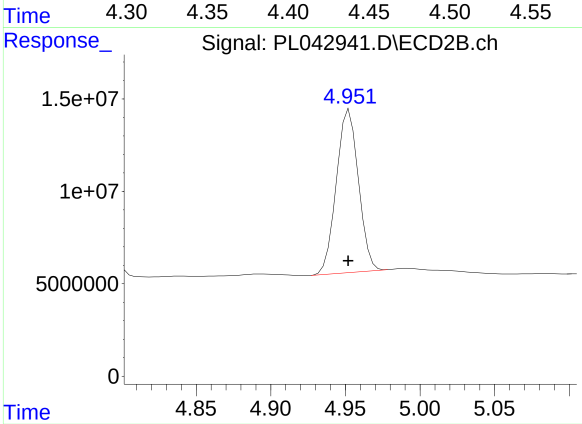
#5 Aldrin

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 213045892
Conc: 52.19 ng/ml



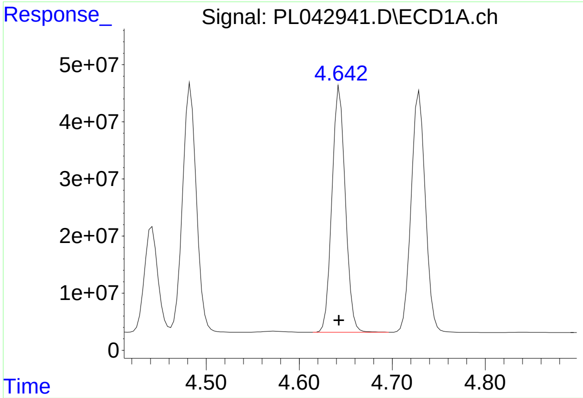
#6 beta-BHC

R.T.: 4.442 min
Delta R.T.: 0.001 min
Response: 185881092
Conc: 50.39 ng/ml



#6 beta-BHC

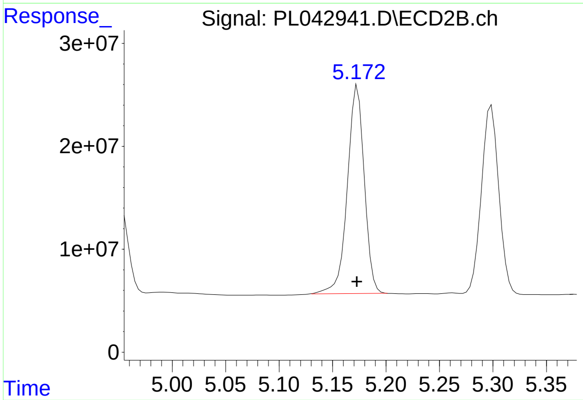
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 91247298
Conc: 53.90 ng/ml



#7 delta-BHC

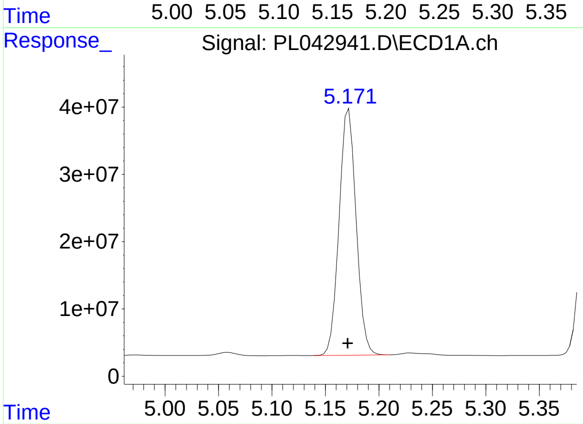
R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 430223159
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



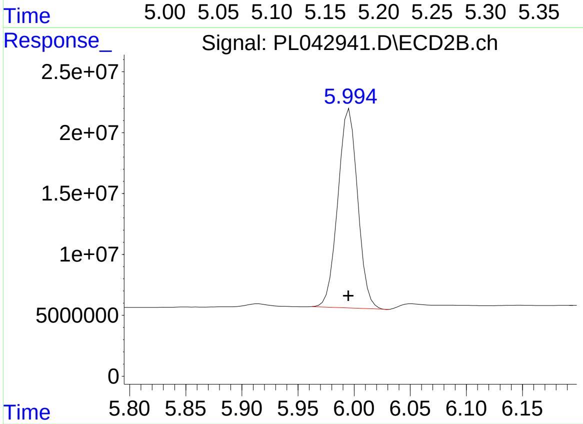
#7 delta-BHC

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 222751229
Conc: 51.83 ng/ml



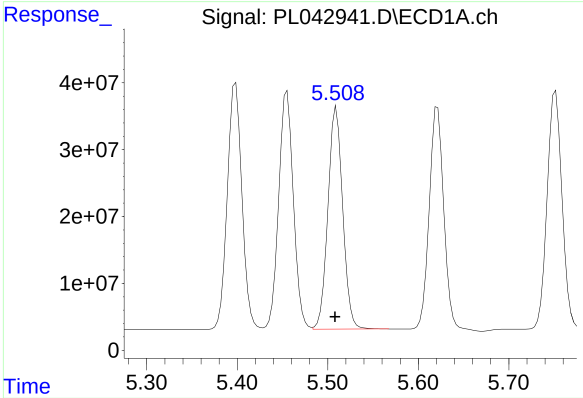
#8 Heptachlor epoxide

R.T.: 5.172 min
Delta R.T.: 0.001 min
Response: 406934944
Conc: 51.34 ng/ml



#8 Heptachlor epoxide

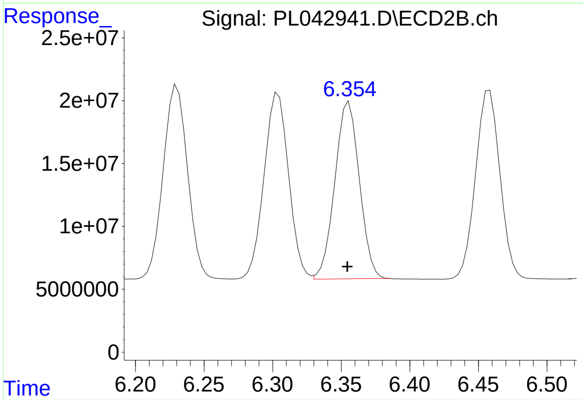
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 200470559
Conc: 52.87 ng/ml



#9 Endosulfan I

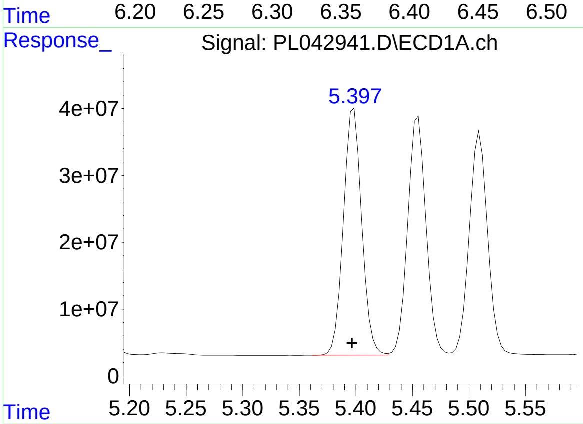
```
      R.T.:    5.510 min
Delta R.T.:    0.001 min
  Response: 377490878
     Conc:   51.53 ng/ml
```

Instrument :
ECD_L
ClientSampleId :



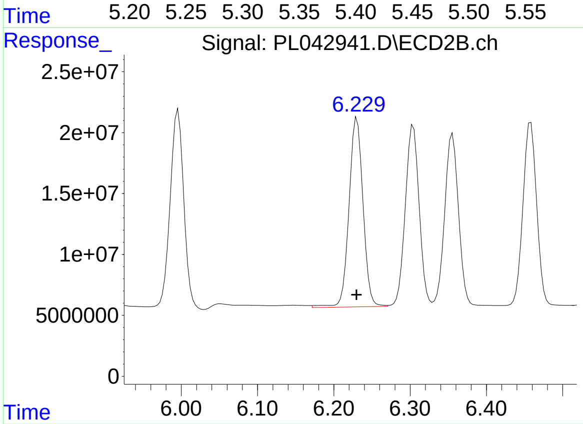
#9 Endosulfan I

```
      R.T.:    6.356 min
Delta R.T.:    0.001 min
  Response: 175897196
     Conc:   51.81 ng/ml
```



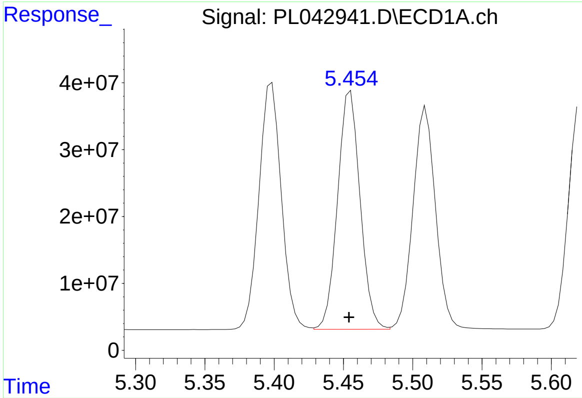
#10 gamma-Chlordane

```
      R.T.:    5.398 min
Delta R.T.:    0.002 min
  Response: 414709227
     Conc:   51.44 ng/ml
```



#10 gamma-Chlordane

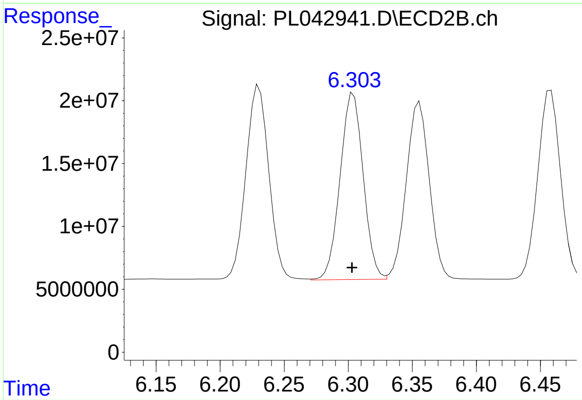
```
      R.T.:    6.230 min
Delta R.T.:    0.000 min
  Response: 199014034
     Conc:   54.17 ng/ml
```



#11 alpha-Chlordane

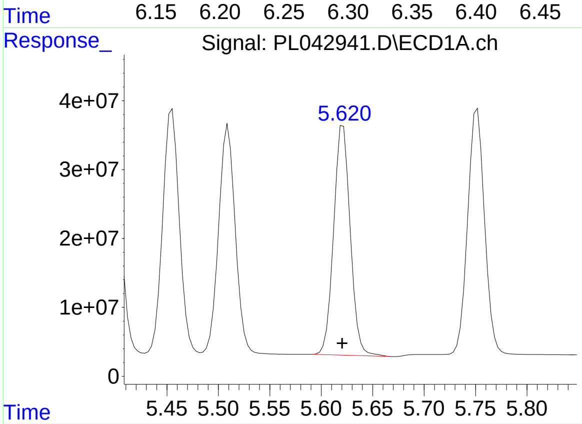
R.T.: 5.455 min
Delta R.T.: 0.001 min
Response: 403794414
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



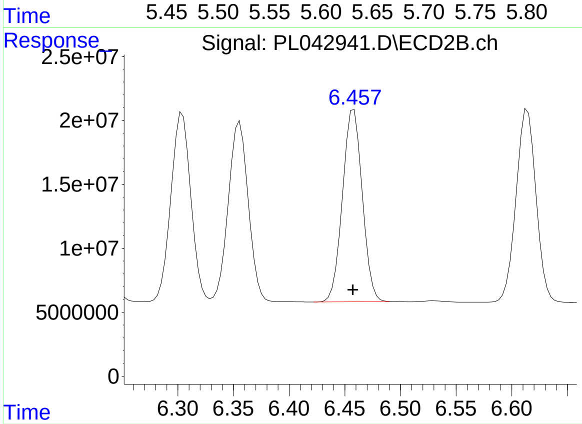
#11 alpha-Chlordane

R.T.: 6.304 min
Delta R.T.: 0.001 min
Response: 186584271
Conc: 51.88 ng/ml



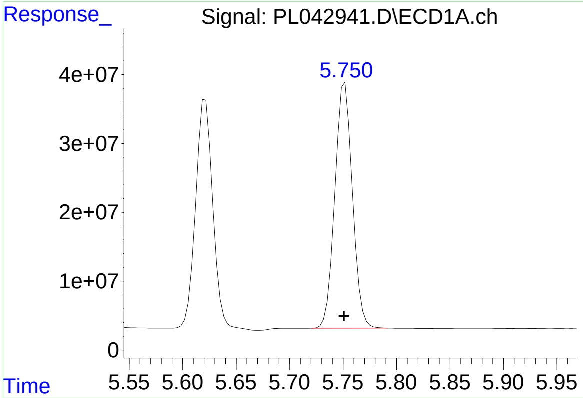
#12 4,4'-DDE

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 374346016
Conc: 54.07 ng/ml



#12 4,4'-DDE

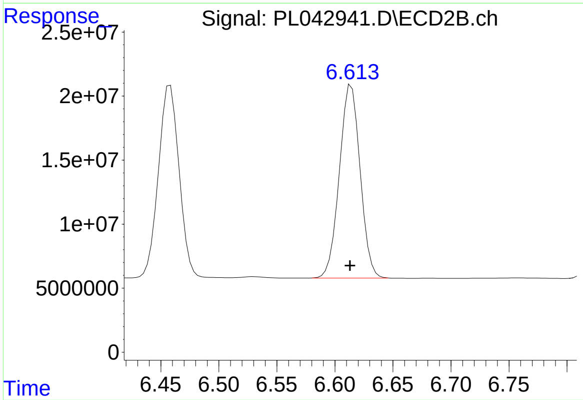
R.T.: 6.458 min
Delta R.T.: 0.001 min
Response: 185910126
Conc: 51.30 ng/ml



#13 Dieldrin

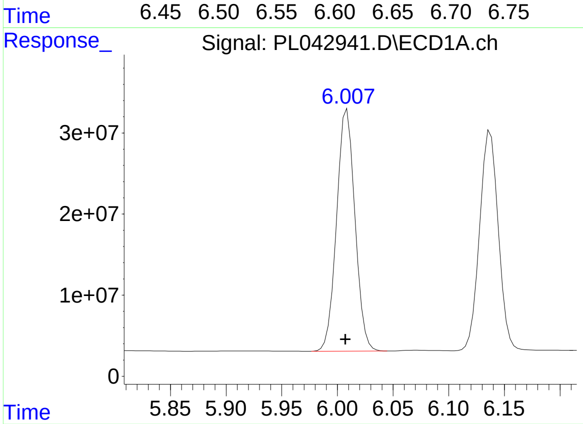
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 407704065
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



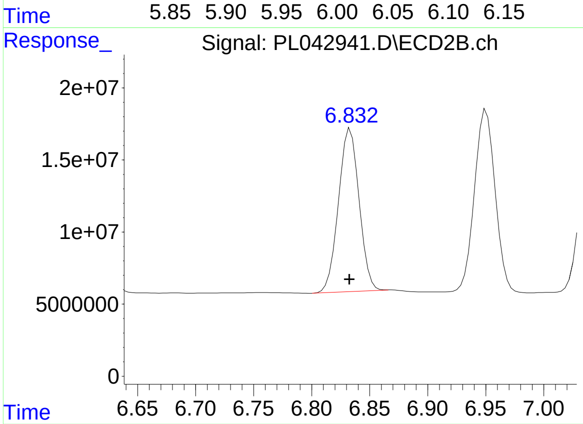
#13 Dieldrin

R.T.: 6.614 min
Delta R.T.: 0.001 min
Response: 187644542
Conc: 51.75 ng/ml



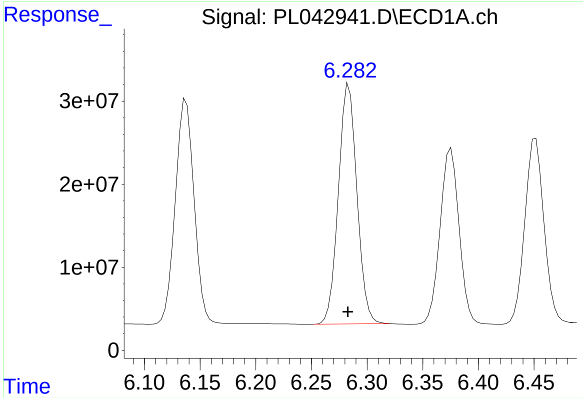
#14 Endrin

R.T.: 6.009 min
Delta R.T.: 0.002 min
Response: 342834385
Conc: 47.61 ng/ml



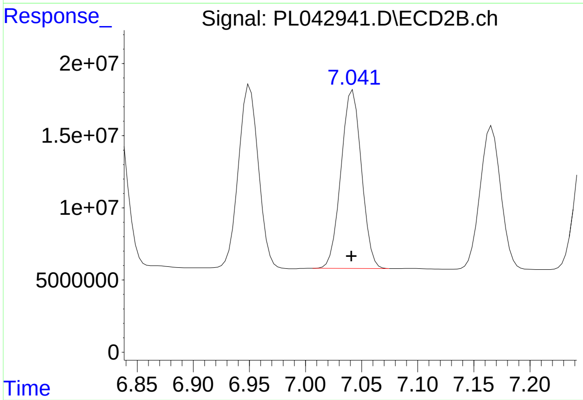
#14 Endrin

R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 140161333
Conc: 44.90 ng/ml

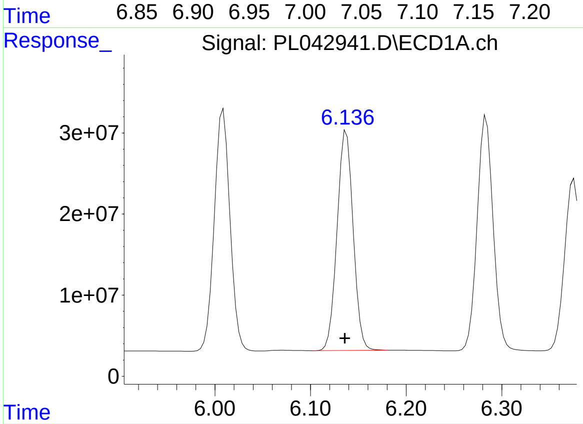



```
#15  Endosulfan II

      R.T.:    6.284 min
Delta R.T.:    0.000 min
  Response: 335814848
      Conc:   50.48 ng/ml
```

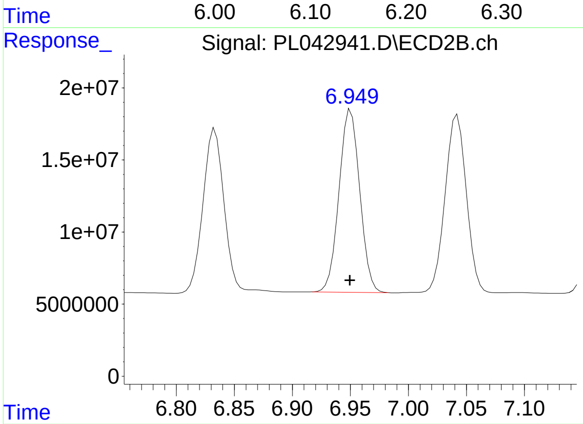
Instrument :
ECD_L
ClientSampleId :



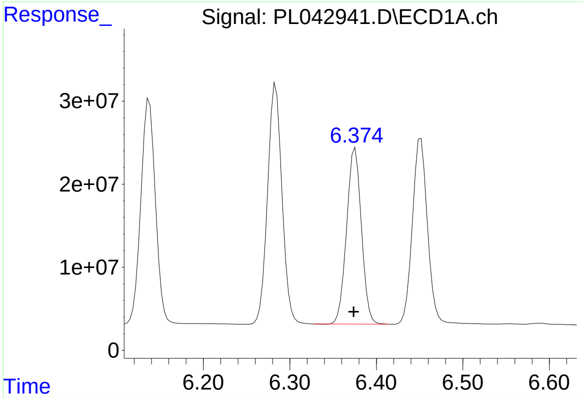

```
#15  Endosulfan II

      R.T.:    7.042 min
Delta R.T.:    0.001 min
  Response: 156757723
      Conc:   51.77 ng/ml
```




```
#16  4,4'-DDD

      R.T.:    6.137 min
Delta R.T.:    0.002 min
  Response: 317382473
      Conc:   55.97 ng/ml
```



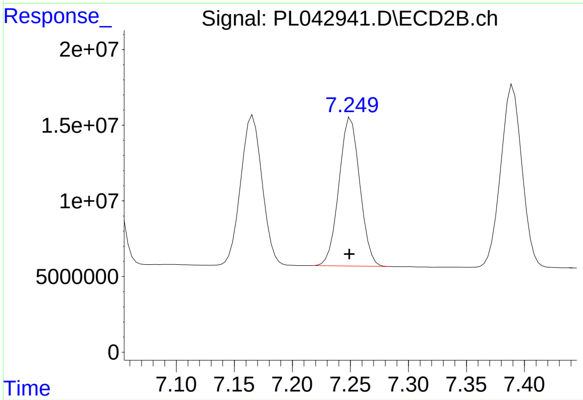

```
#16  4,4'-DDD

      R.T.:    6.950 min
Delta R.T.:    0.001 min
  Response: 157548538
      Conc:   53.72 ng/ml
```



#17 4,4'-DDT

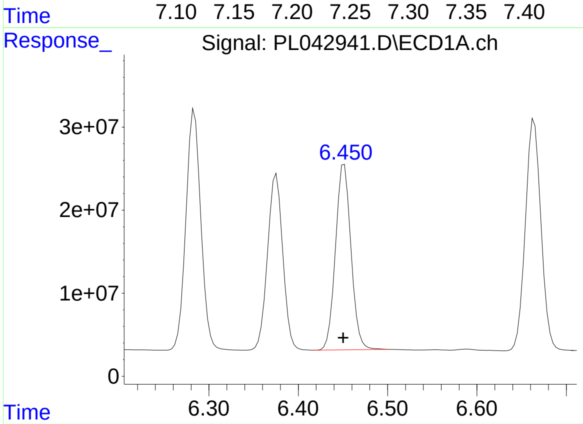
R.T.: 6.376 min
Delta R.T.: 0.002 min
Response: 251090864
Conc: 42.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



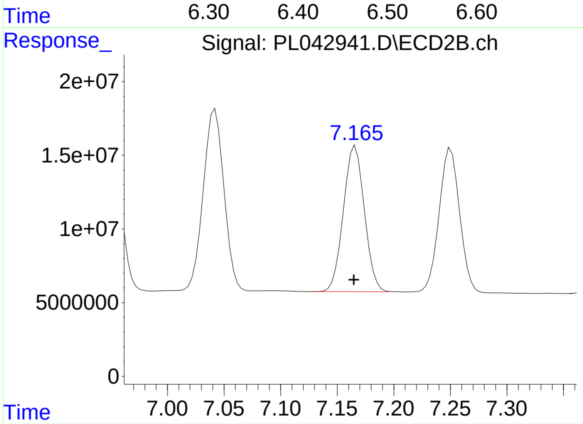
#17 4,4'-DDT

R.T.: 7.250 min
Delta R.T.: 0.001 min
Response: 123161707
Conc: 41.93 ng/ml



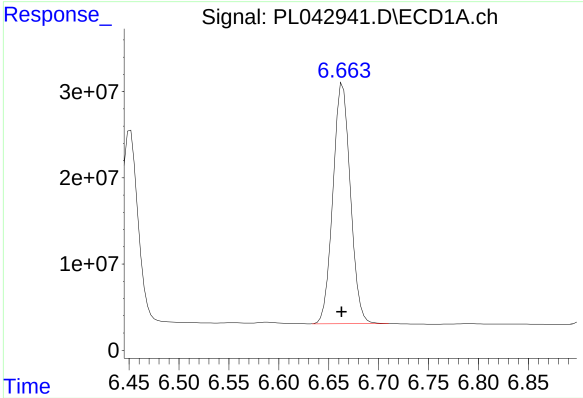
#18 Endrin aldehyde

R.T.: 6.451 min
Delta R.T.: 0.001 min
Response: 269319215
Conc: 48.87 ng/ml



#18 Endrin aldehyde

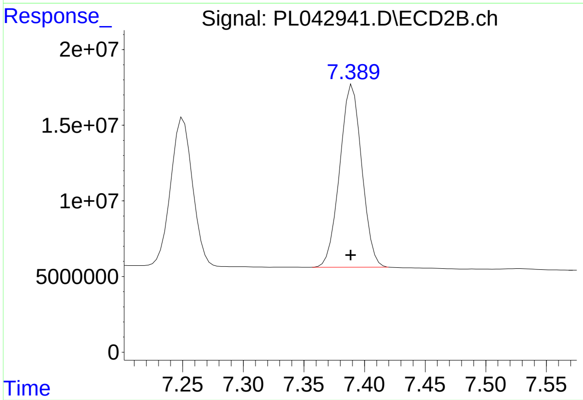
R.T.: 7.166 min
Delta R.T.: 0.001 min
Response: 127849301
Conc: 50.97 ng/ml



#19 Endosulfan Sulfate

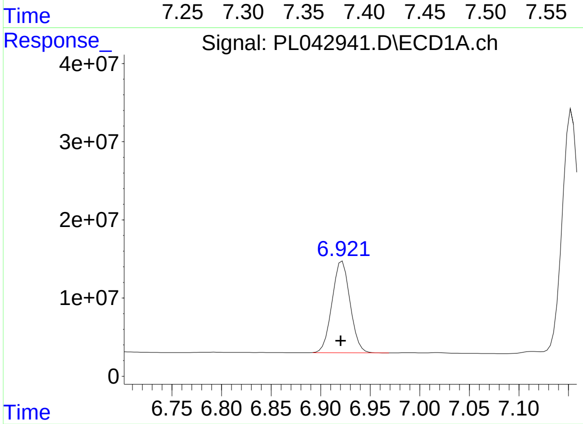
R.T.: 6.664 min
Delta R.T.: 0.001 min
Response: 339575556
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



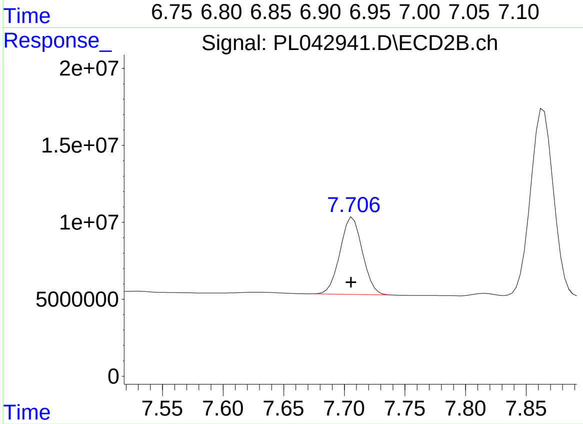
#19 Endosulfan Sulfate

R.T.: 7.390 min
Delta R.T.: 0.002 min
Response: 152780730
Conc: 50.82 ng/ml



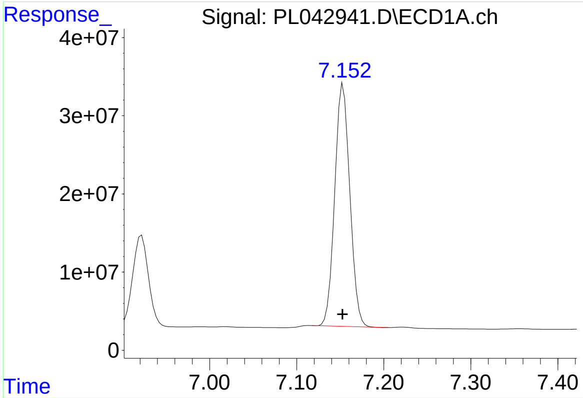
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: 0.002 min
Response: 148244960
Conc: 44.18 ng/ml



#20 Methoxychlor

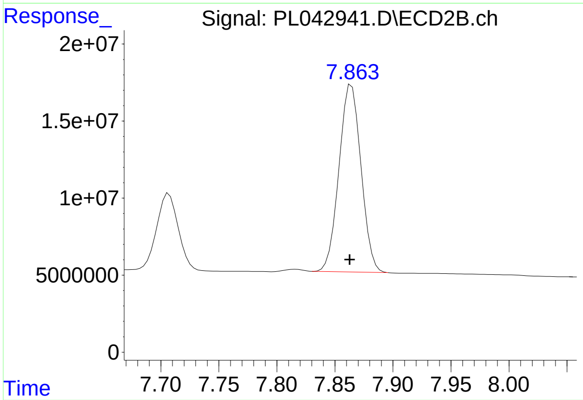
R.T.: 7.707 min
Delta R.T.: 0.002 min
Response: 64250824
Conc: 42.60 ng/ml



#21 Endrin ketone

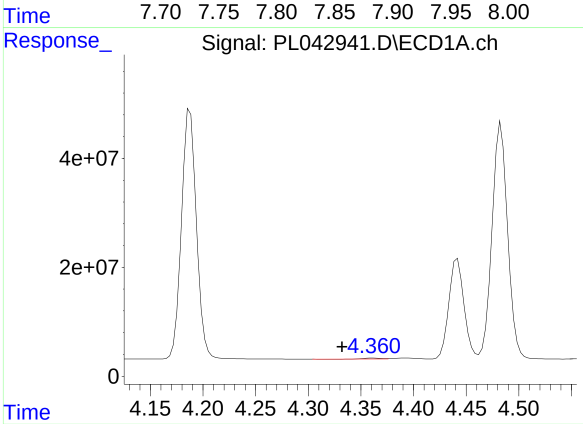
R.T.: 7.154 min
Delta R.T.: 0.000 min
Response: 373812905
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



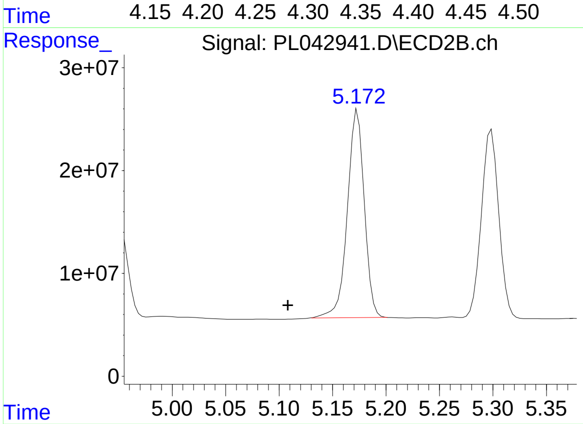
#21 Endrin ketone

R.T.: 7.864 min
Delta R.T.: 0.001 min
Response: 160552241
Conc: 52.53 ng/ml



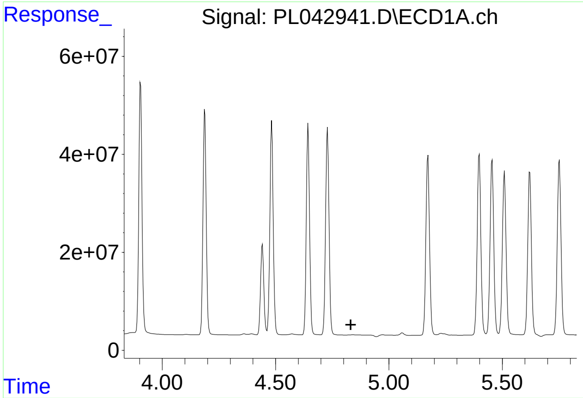
#23 Chlordane-1

R.T.: 4.361 min
Delta R.T.: 0.029 min
Response: 2080879
Conc: 7.74 ng/ml



#23 Chlordane-1

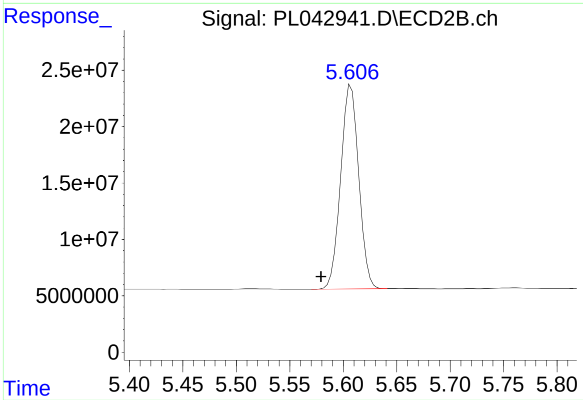
R.T.: 5.173 min
Delta R.T.: 0.065 min
Response: 222751229
Conc: 1576.07 ng/ml



#24 Chlordane-2

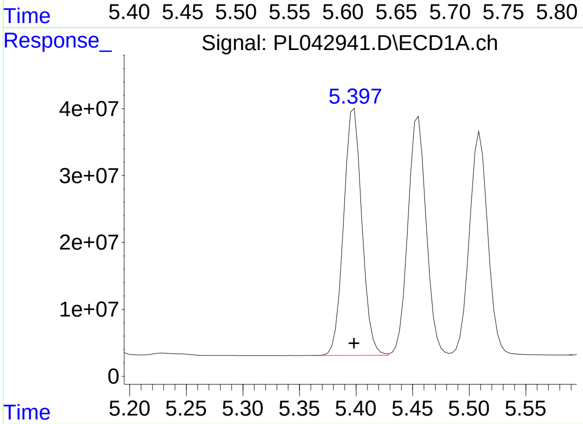
R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



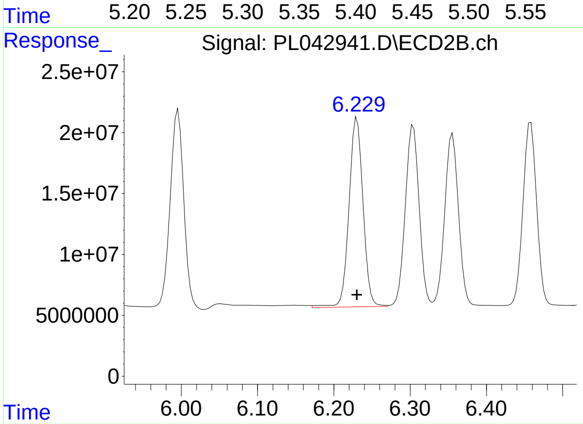
#24 Chlordane-2

R.T.: 5.607 min
Delta R.T.: 0.028 min
Response: 213045892
Conc: 1485.24 ng/ml



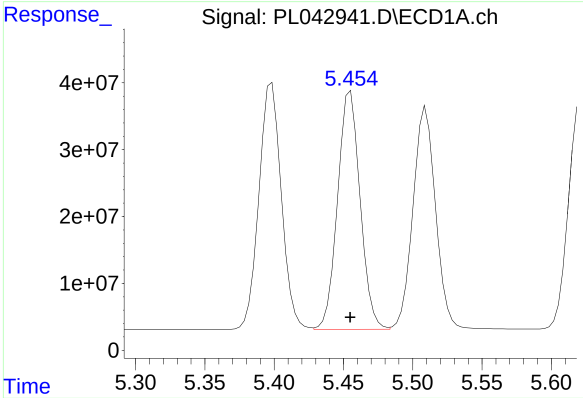
#25 Chlordane-3

R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 414709227
Conc: 499.02 ng/ml



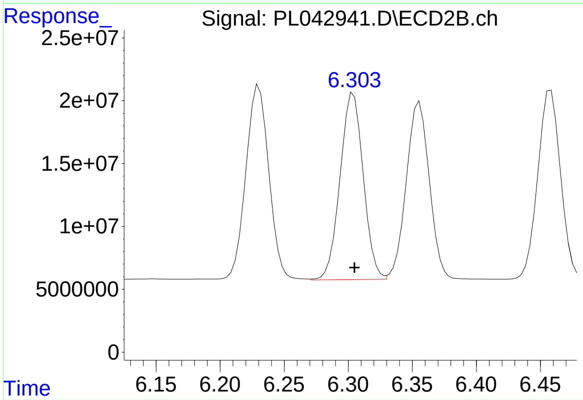
#25 Chlordane-3

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 199014034
Conc: 405.26 ng/ml

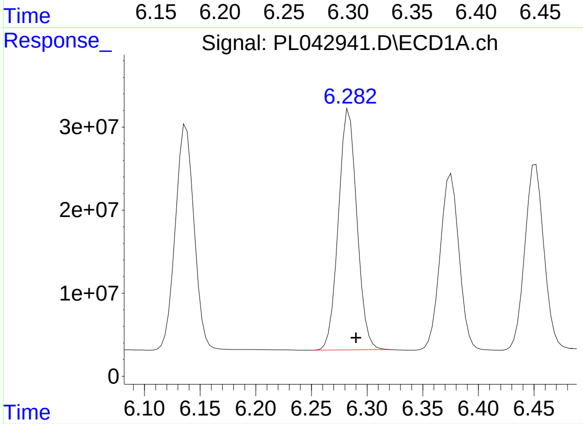



```
#26  Chlordane-4

      R.T.:    5.455 min
Delta R.T.:    0.000 min
  Response: 403794414
      Conc: 534.05 ng/ml
```

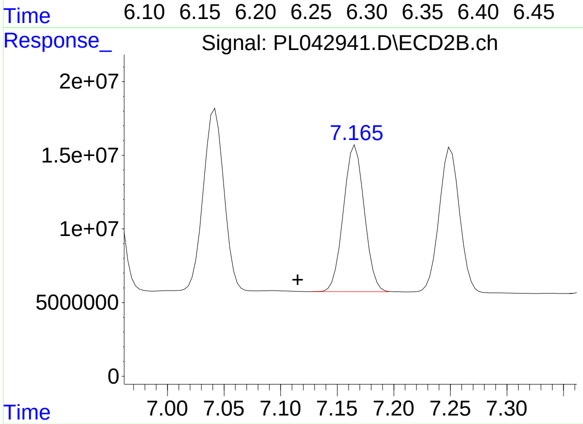
Instrument :
ECD_L
ClientSampleId :



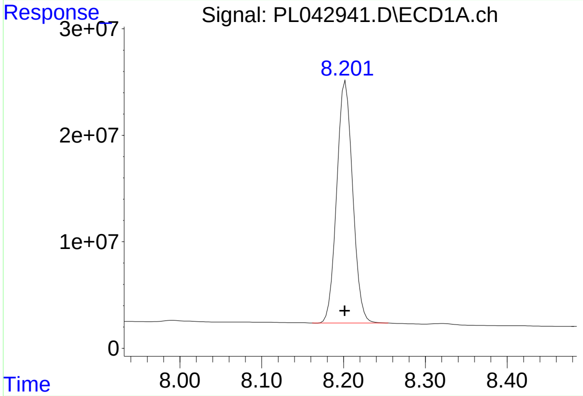

```
#26  Chlordane-4

      R.T.:    6.304 min
Delta R.T.:    0.000 min
  Response: 186584271
      Conc: 326.91 ng/ml
```




```
#27  Chlordane-5

      R.T.:    6.284 min
Delta R.T.:   -0.006 min
  Response: 335814848
      Conc: 1400.07 ng/ml
```



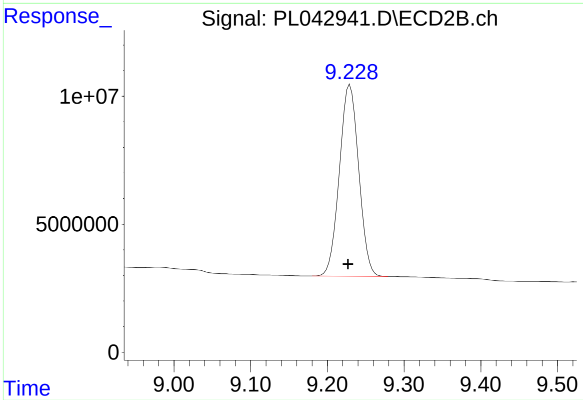

```
#27  Chlordane-5

      R.T.:    7.166 min
Delta R.T.:    0.051 min
  Response: 127849301
      Conc: 1090.50 ng/ml
```



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: 0.001 min
Response: 307083781
Conc: 47.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.229 min
Delta R.T.: 0.002 min
Response: 131648906
Conc: 50.47 ng/ml