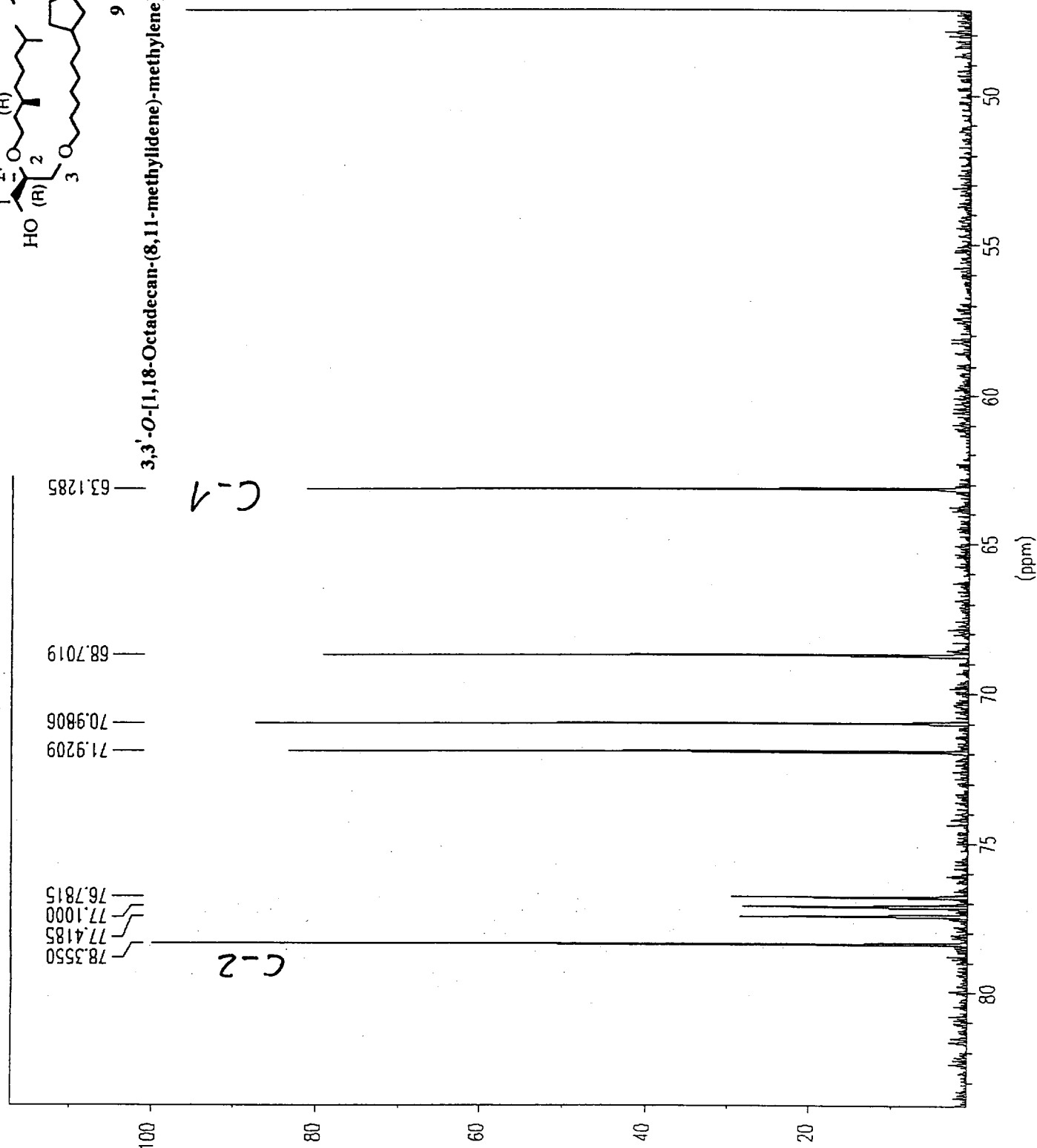
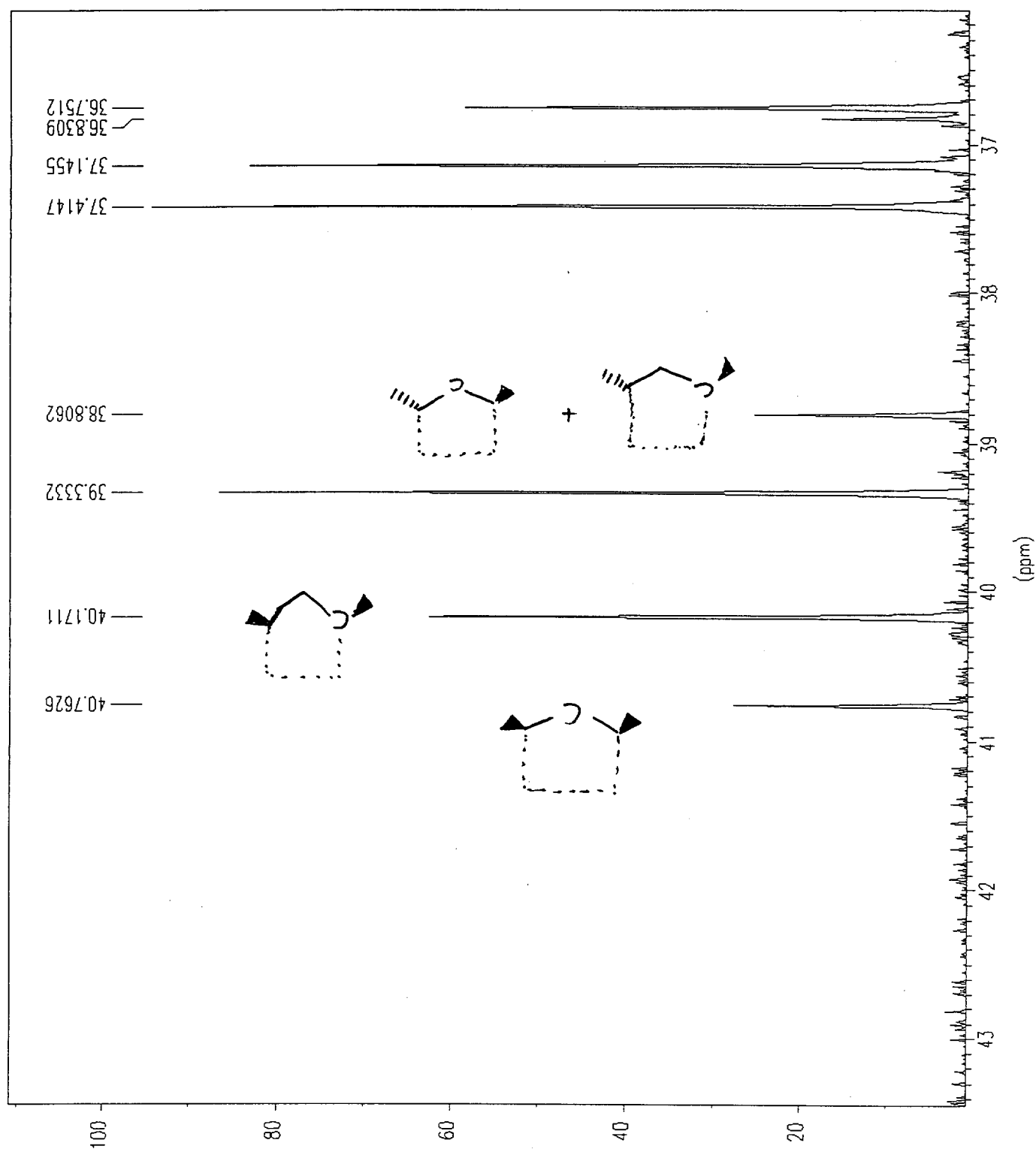


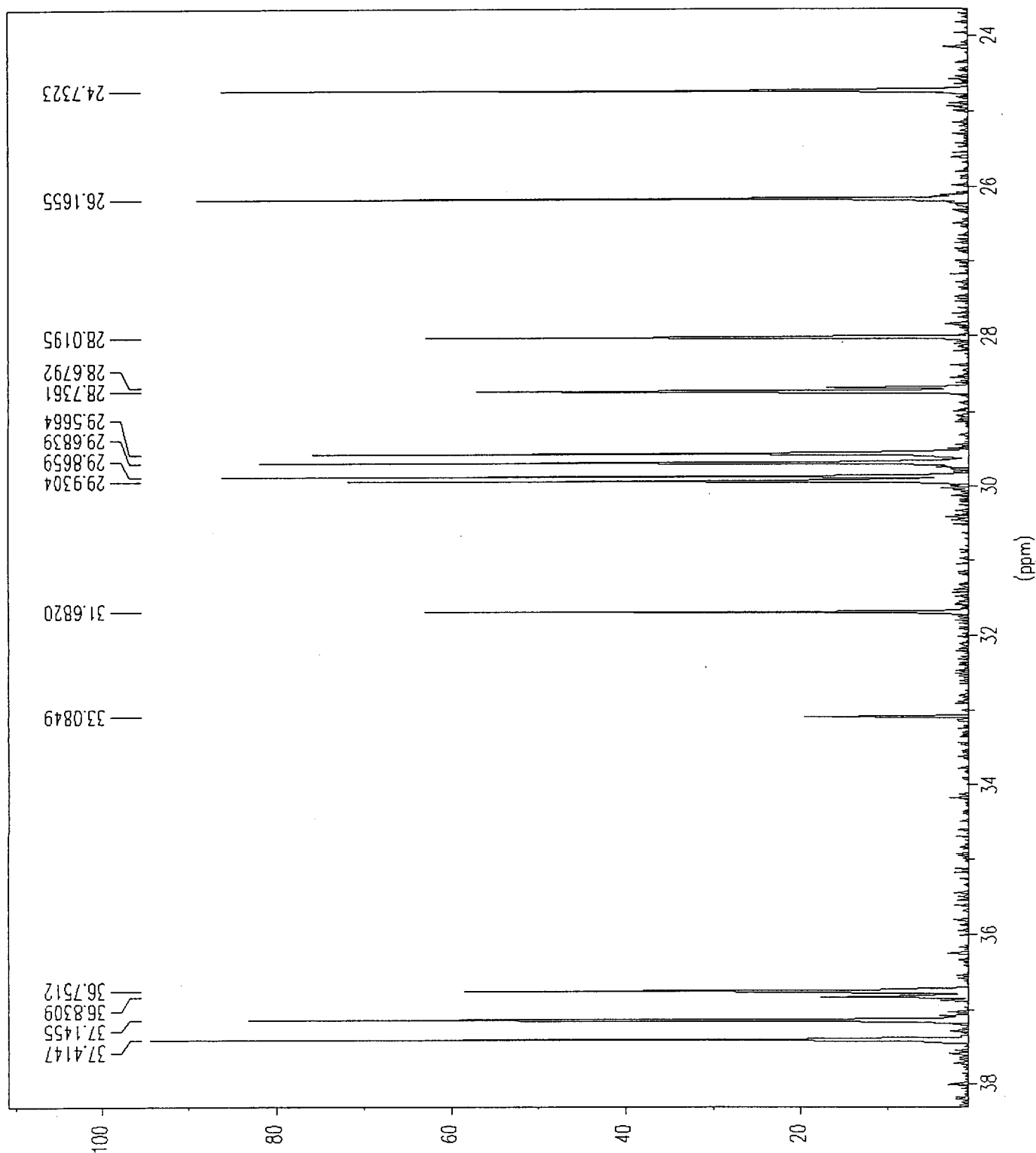
9

3,3'-O-[(1,18-Octadecan-8,11-methyldiene)-methylene]bis(2-O-[(R)-3,7-dimethyloctyl]-sn-glycerol)



*** Acquisition Parameters ***
 BF1 : 100.6127290 MHz
 BF2 : 400.1300000 MHz
 D[1] : 2.0000000 sec
 DATE : Oct 07 1998
 NS : 64
 NUCLEUS : ¹³C
 P[1] : 6.7 usec
 SOLVENT : CDCl₃
 *** Processing Parameters ***
 SF : 100.6127620 MHz





*** Current Data Parameters ***
 NAME : e-191
 EXPNO : 11
 PROCNO : 1

*** Acquisition Parameters ***
 BF1 : 100.6127290 MHz
 BF2 : 400.1300000 MHz
 D[1] : 2.0000000 sec
 DATE_ : Oct 07 1998
 NS : 64
 NUCLEUS : 13C
 P[1] : 6.7 usec
 SOLVENT : CDCl3

*** Processing Parameters ***
 SF : 100.6127620 MHz

42

*** Current Data Parameters ***

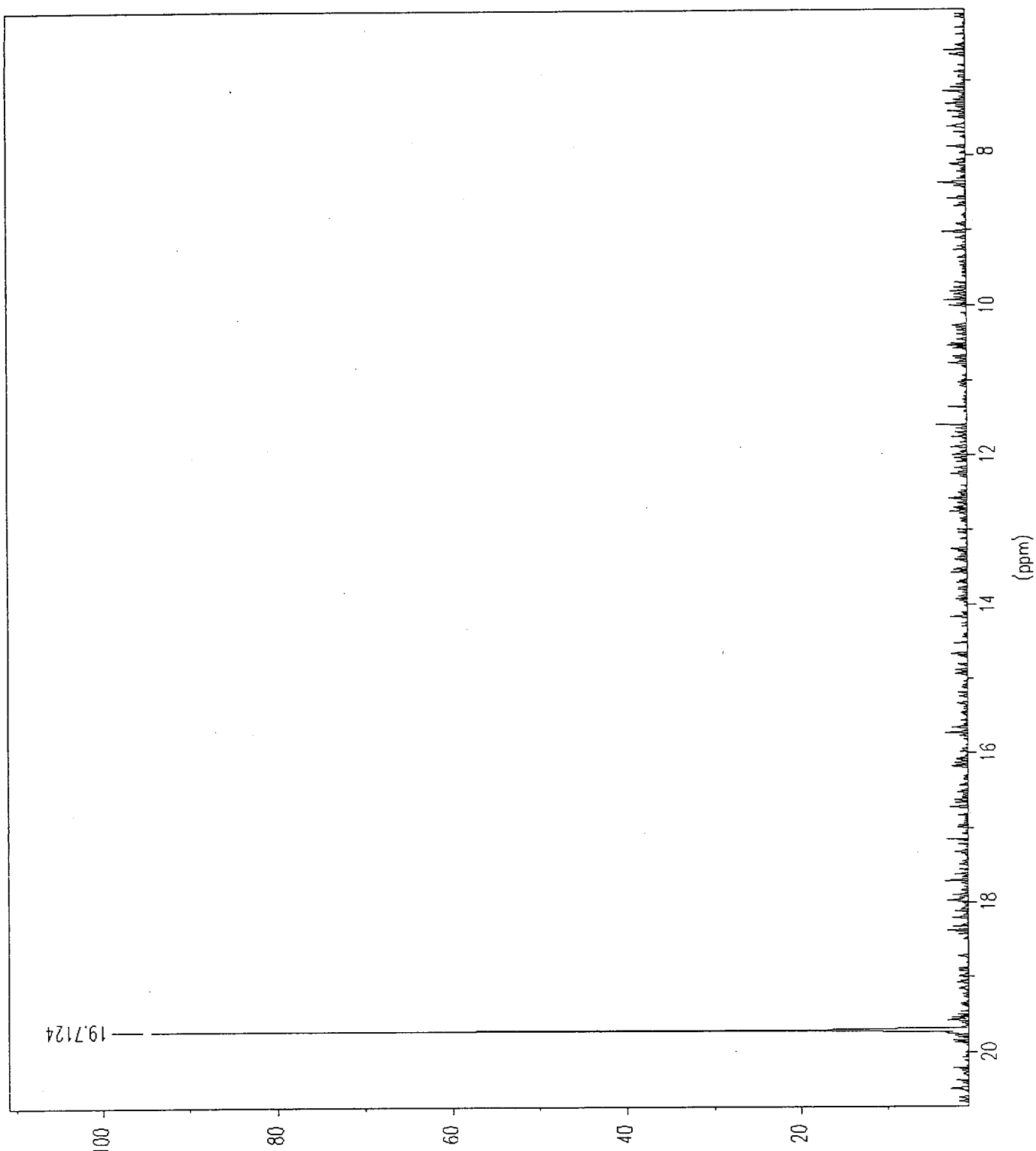
NAME : e-Ig191
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATE_ : Oct 07 1998
NS : 64
NUCLEUS : ¹³C
P[1] : 6.7 usec
SOLVENT : CDCl₃

*** Processing Parameters ***

SF : 100.6127620 MHz



45

```

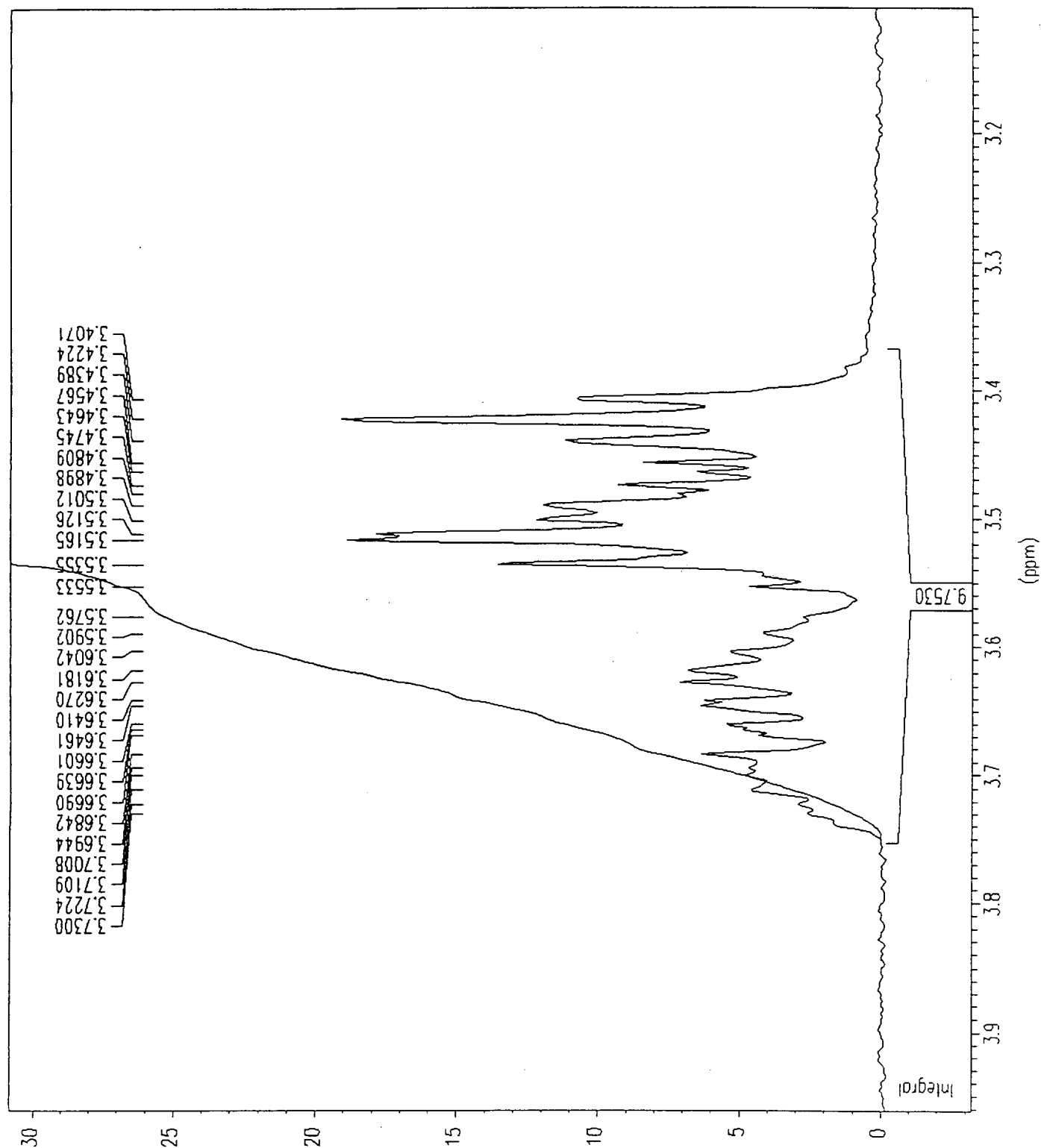
*** Current Data Parameters ***
NAME      :
EXPNO     : 10
PROCNO    : 1

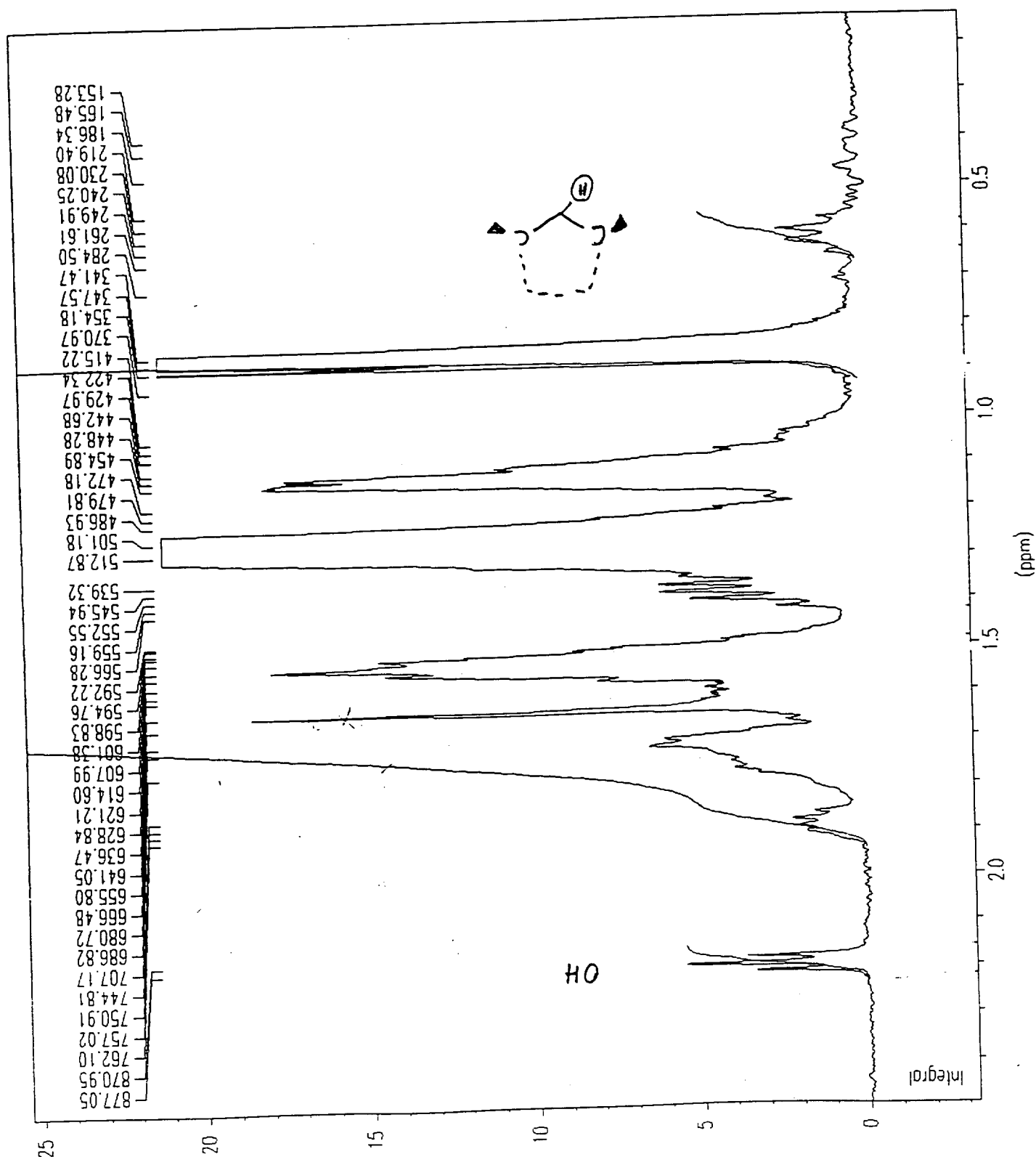
*** Acquisition Parameters ***
BF1       : 400.130000 MHz
BF2       : 400.130000 MHz
D[1]      : 1.000000 sec
DATED     : Oct 07 1998
NS        : 16
NUCLEUS   : 1H
P[1]      : 8.0 usec
SOLVENT   : CDCl3

*** Processing Parameters ***
SF        : 400.1300090 MHz
    
```

compound

¹H NMR





*** Current Data Parameters ***

NAME :
EXPNO : 11
PROCNO : 1

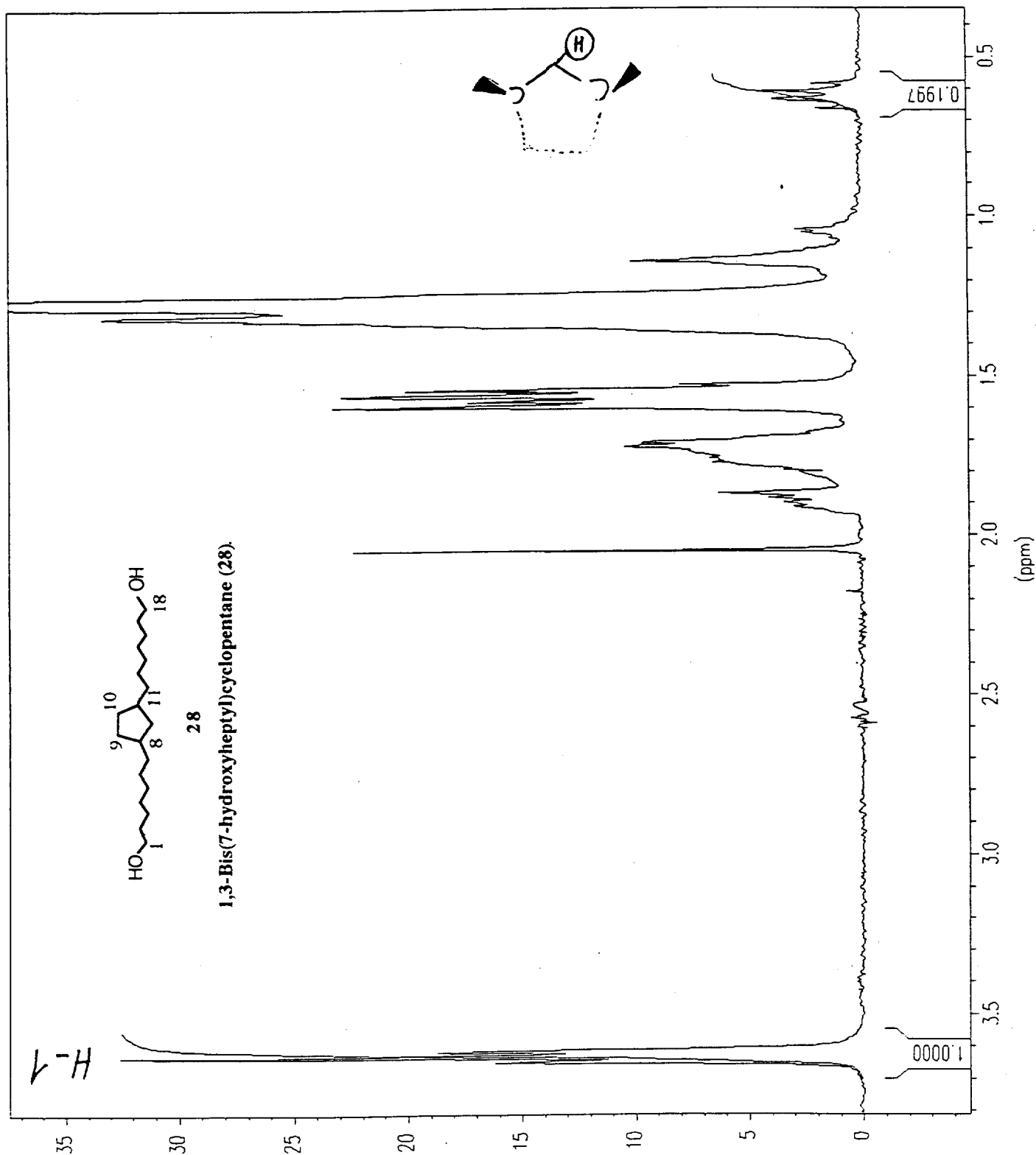
*** Acquisition Parameters ***

BF1 : 400.1300000 MHz
BF2 : 400.1300000 MHz
D[1] : 1.0000000 sec
DATE_ : Oct 30 1998
NS : 16
NUCLEUS : ¹H
P[1] : 8.0 usec
SOLVENT : CDCl₃

*** Processing Parameters ***

SF : 400.1300090 MHz

47



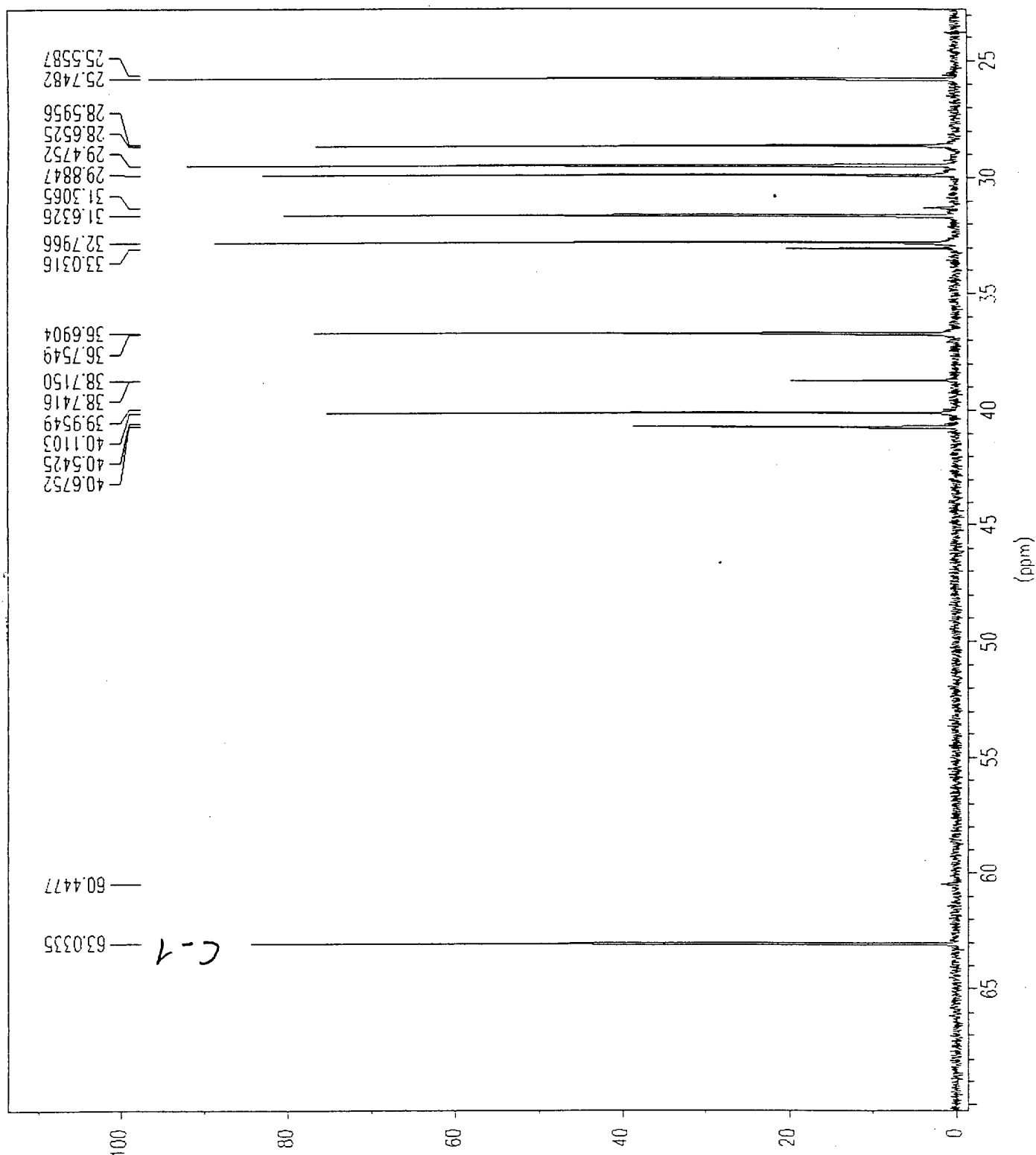
41

*** Current Data Parameters ***
 NAME : e-md77
 EXPNO : 11
 PROCNO : 1

*** Acquisition Parameters ***
 BF1 : 100.6127290 MHz
 BF2 : 400.1300000 MHz
 OL1 : 2.0000000 sec
 DATE : Sep 22 1998
 DBP07 : edit
 NS : 256
 NUCLEUS : ¹³C
 PL1 : 6.7 usec
 SOLVENT : CDCl3

*** Processing Parameters ***
 SF : 100.6127676 MHz

compound 28
¹³C NMR



49

*** Current Data Parameters ***

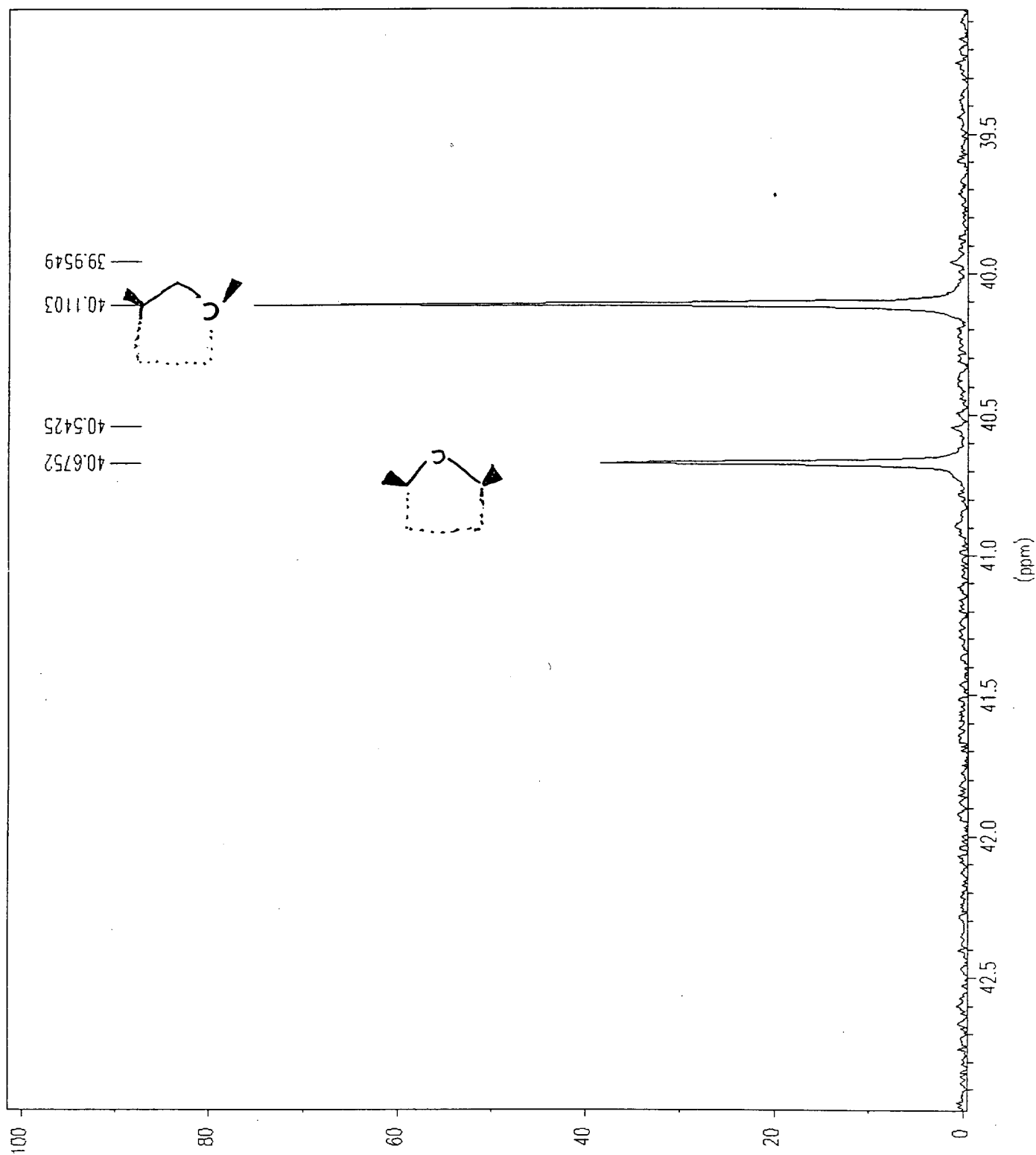
NAME : e-md77
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
O11 : 2.0000000 sec
DATED : Sep 22 1998
DBP07 : edit
NS : 256
NUCLEUS : ¹³C
P11 : 6.7 usec
SOLVENT : CDCl3

*** Processing Parameters ***

SF : 100.6127676 MHz



5C

*** Current Data Parameters ***

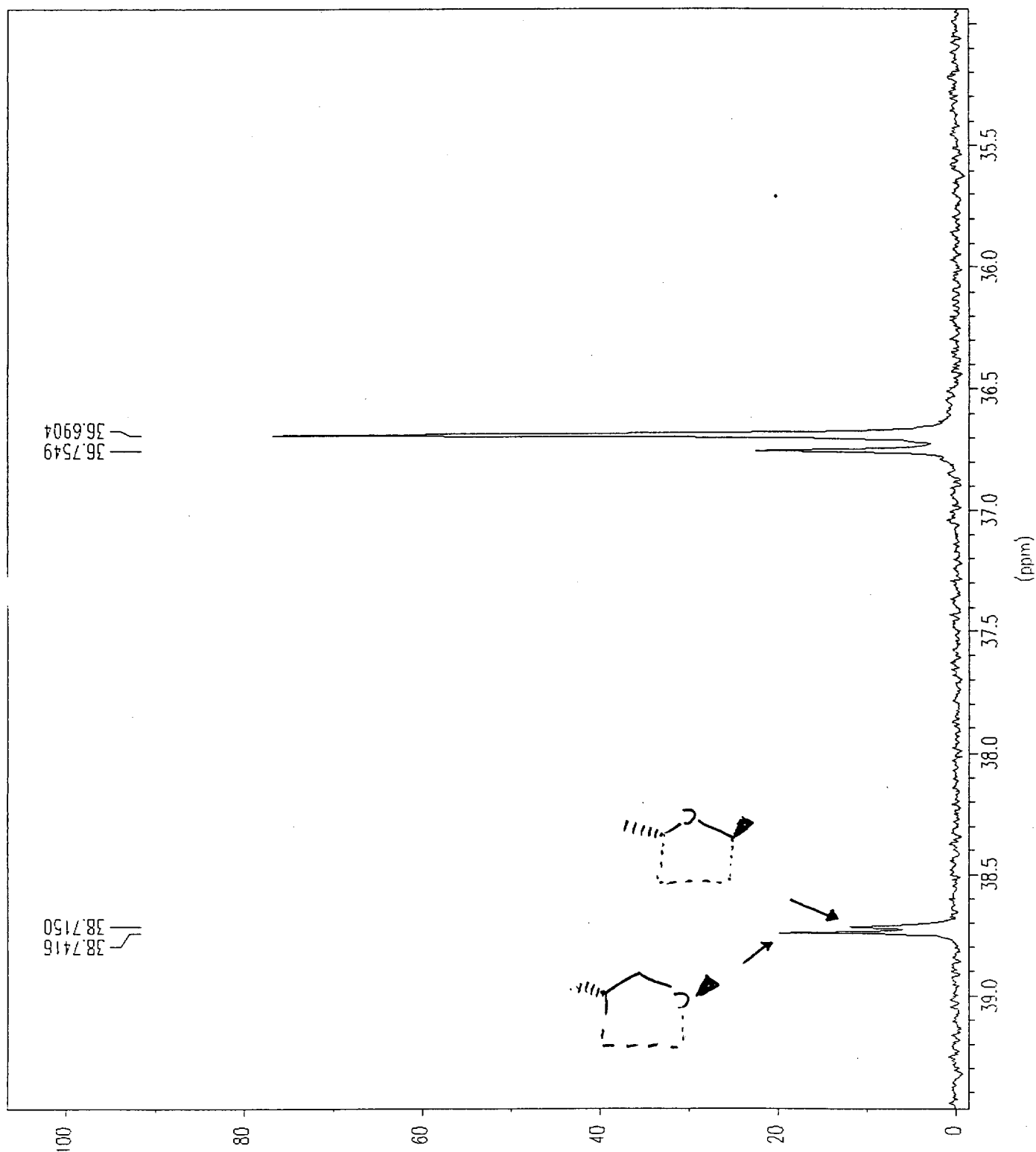
NAME : e-md77
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATED : Sep 22 1998
DBP07 : edit
NS : 256
NUCLEUS : ¹³C
P[1] : 6.7 usec
SOLVENT : CDCl₃

*** Processing Parameters ***

SF : 100.6127676 MHz



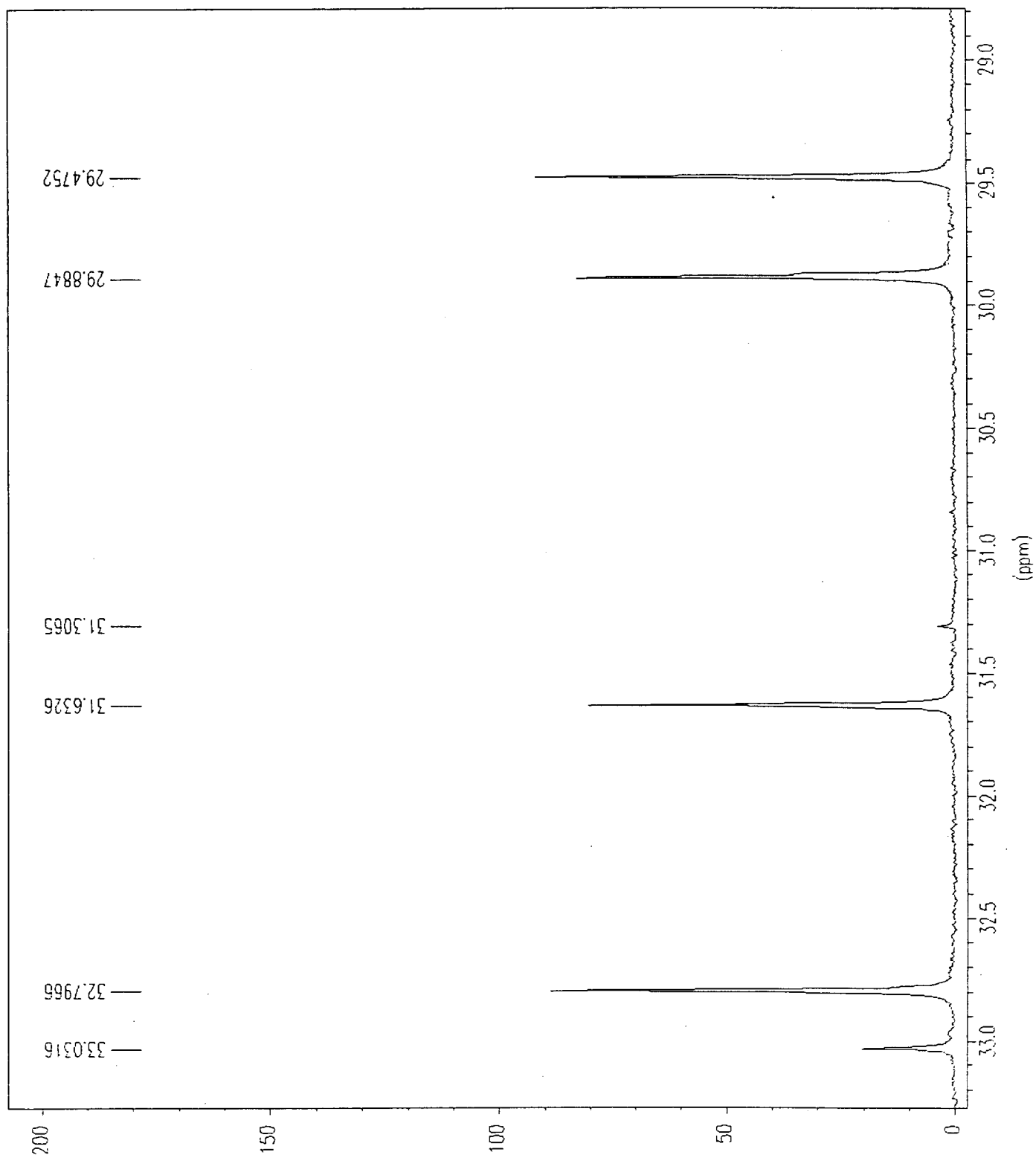
51

```

*** Current Data Parameters ***
NAME      : e-md77
EXPNO     : 11
PROCNO    : 1

*** Acquisition Parameters ***
BF1       : 100.6127290 MHz
BF2       : 400.1300000 MHz
D[1]      : 2.0000000 sec
DATE_     : Sep 22 1998
DBP07     : edit
NS        : 256
NUCLEUS   : 13C
P[1]      : 6.7 usec
SOLVENT   : CDCl3

*** Processing Parameters ***
SF        : 100.6127676 MHz
    
```



62

*** Current Data Parameters ***

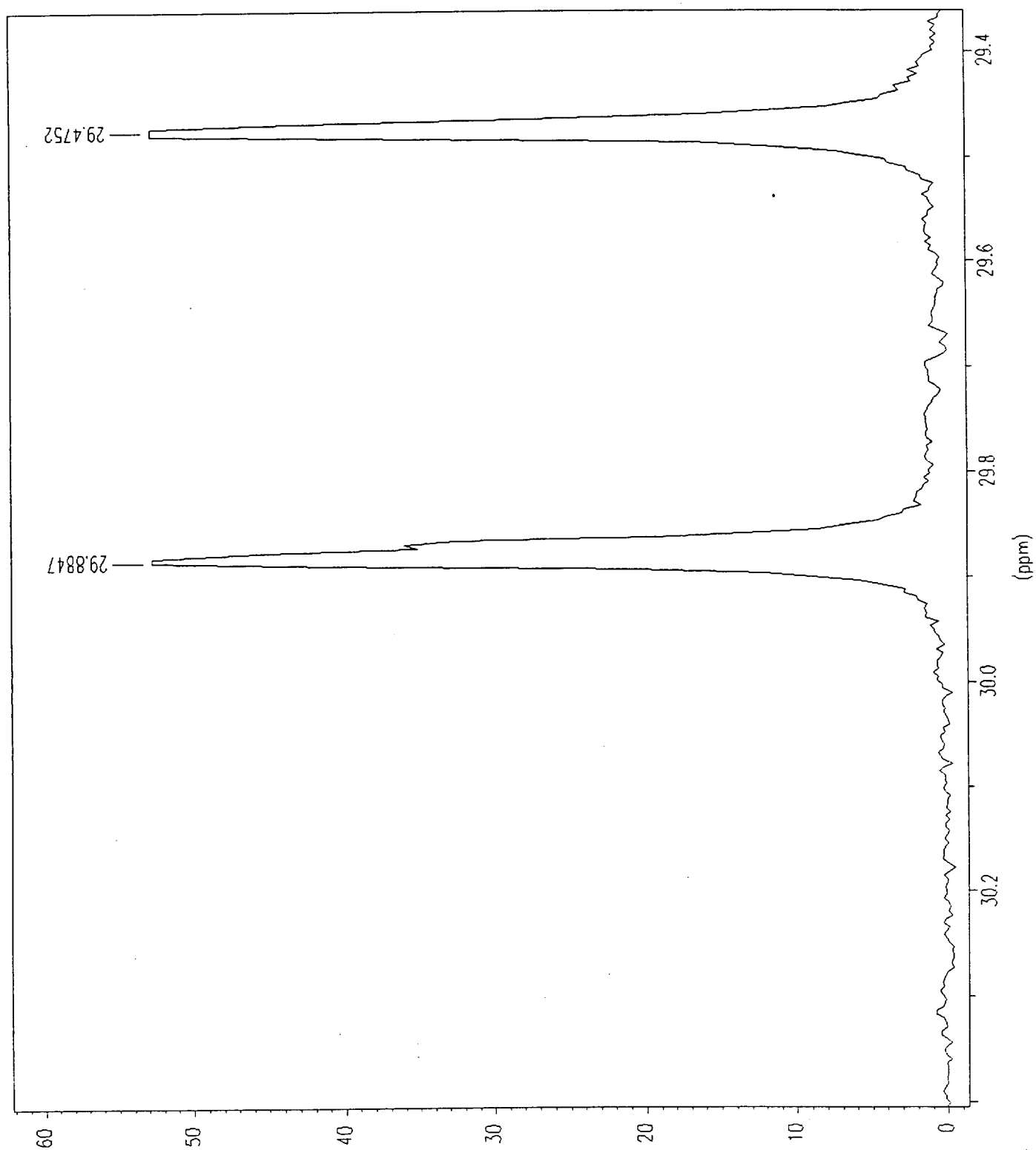
NAME : e-md77
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATED : Sep 22 1998
DBP07 : edit
NS : 256
NUCLEUS : ¹³C
P[1] : 6.7 usec
SOLVENT : CDCl₃

*** Processing Parameters ***

SF : 100.6127676 MHz



53

*** Current Data Parameters ***

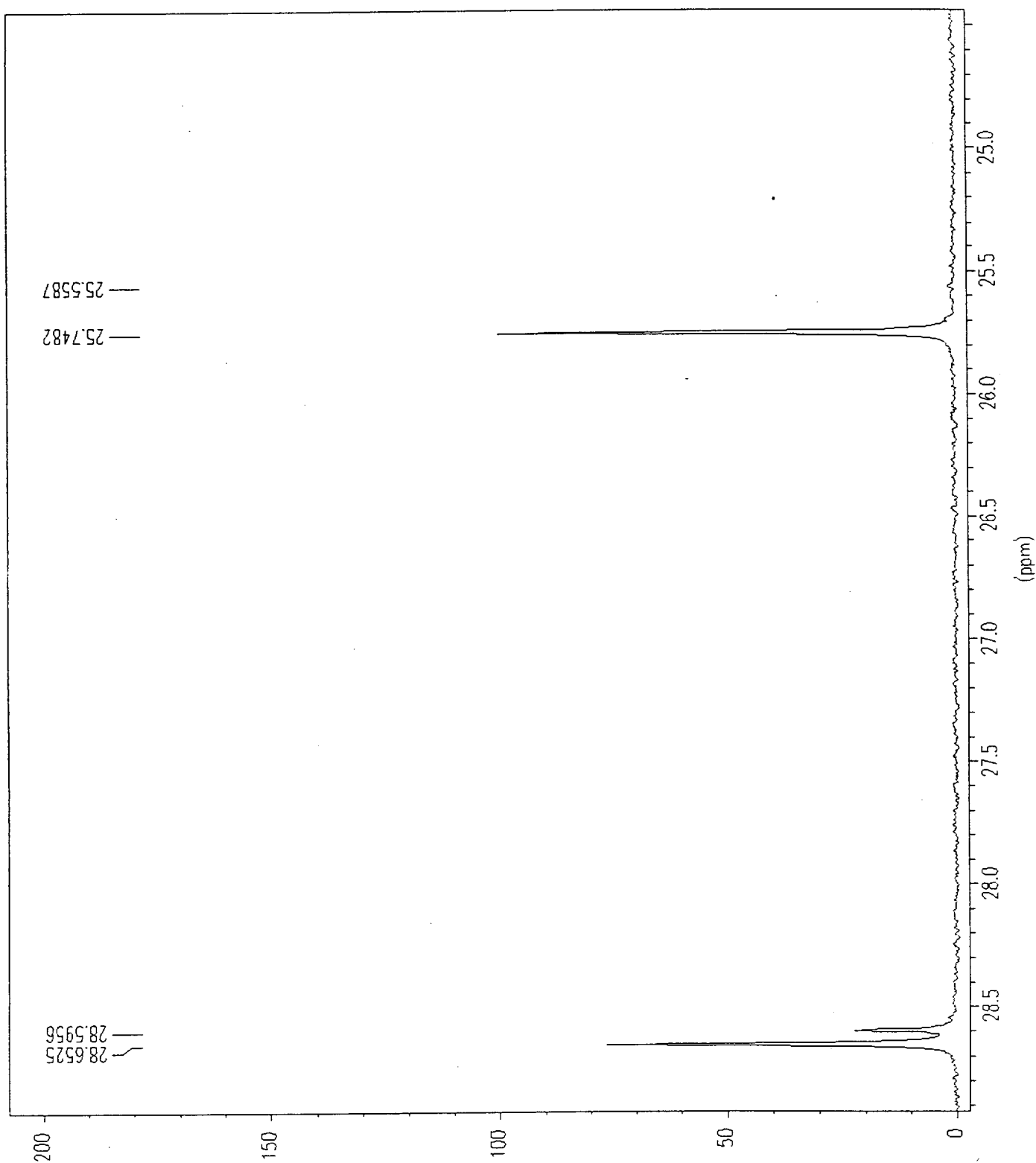
NAME : e-md77
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATE_ : Sep 22 1998
DBP07 : edit
NS : 256
NUCLEUS : ¹³C
P[1] : 6.7 use
SOLVENT : CDCl₃

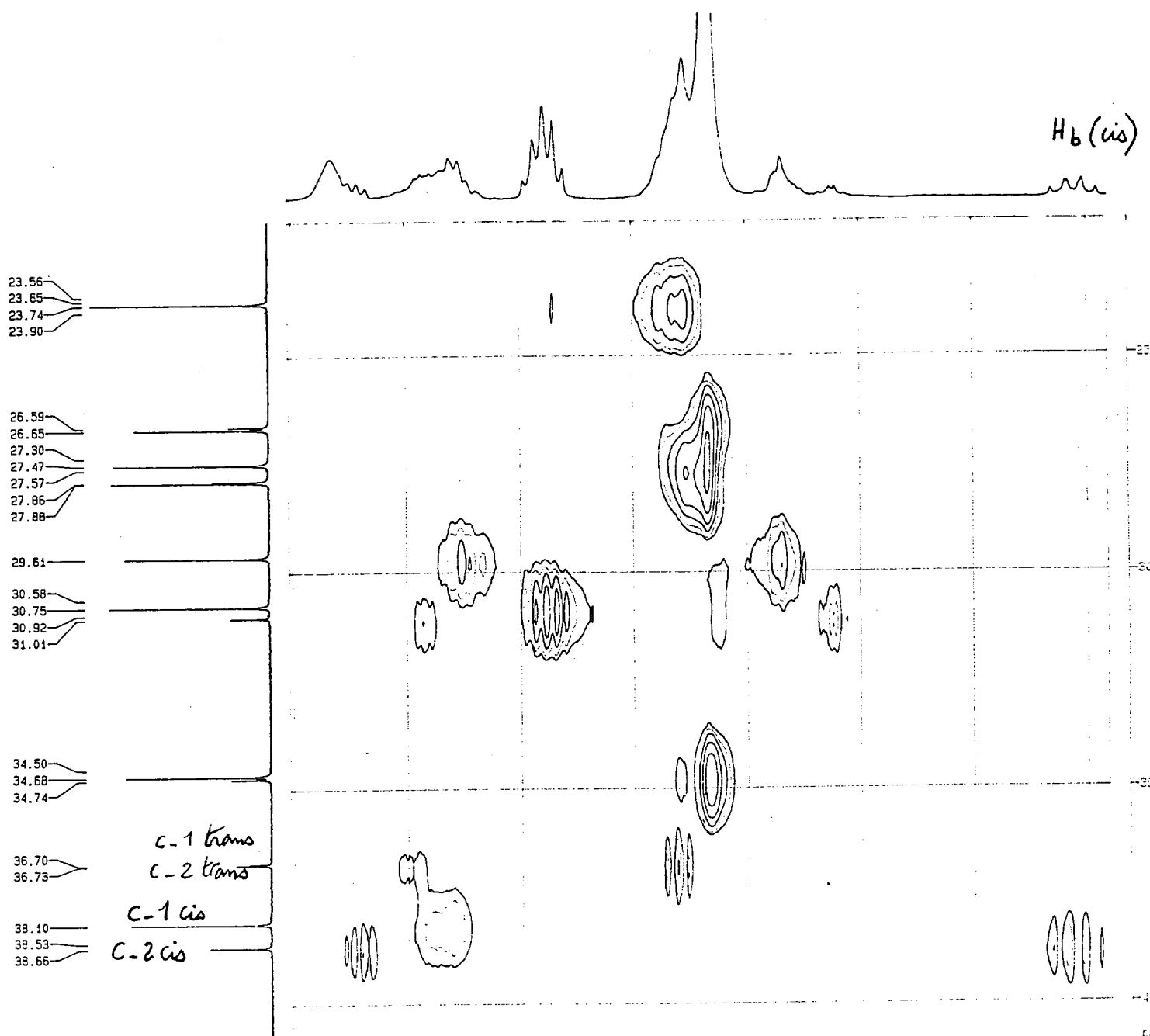
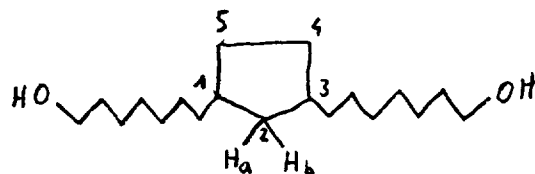
*** Processing Parameters ***

SF : 100.6127676 MHz

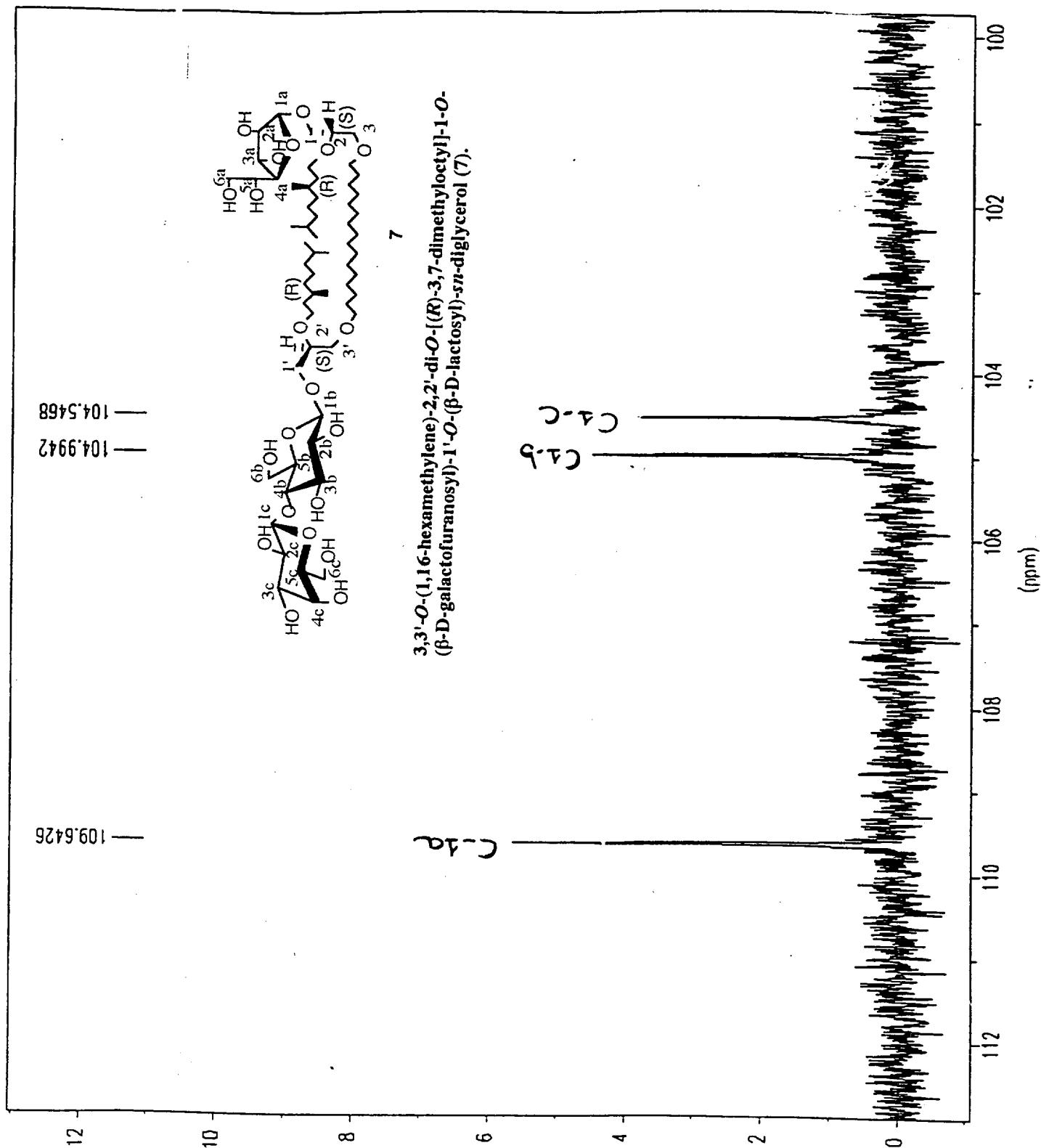


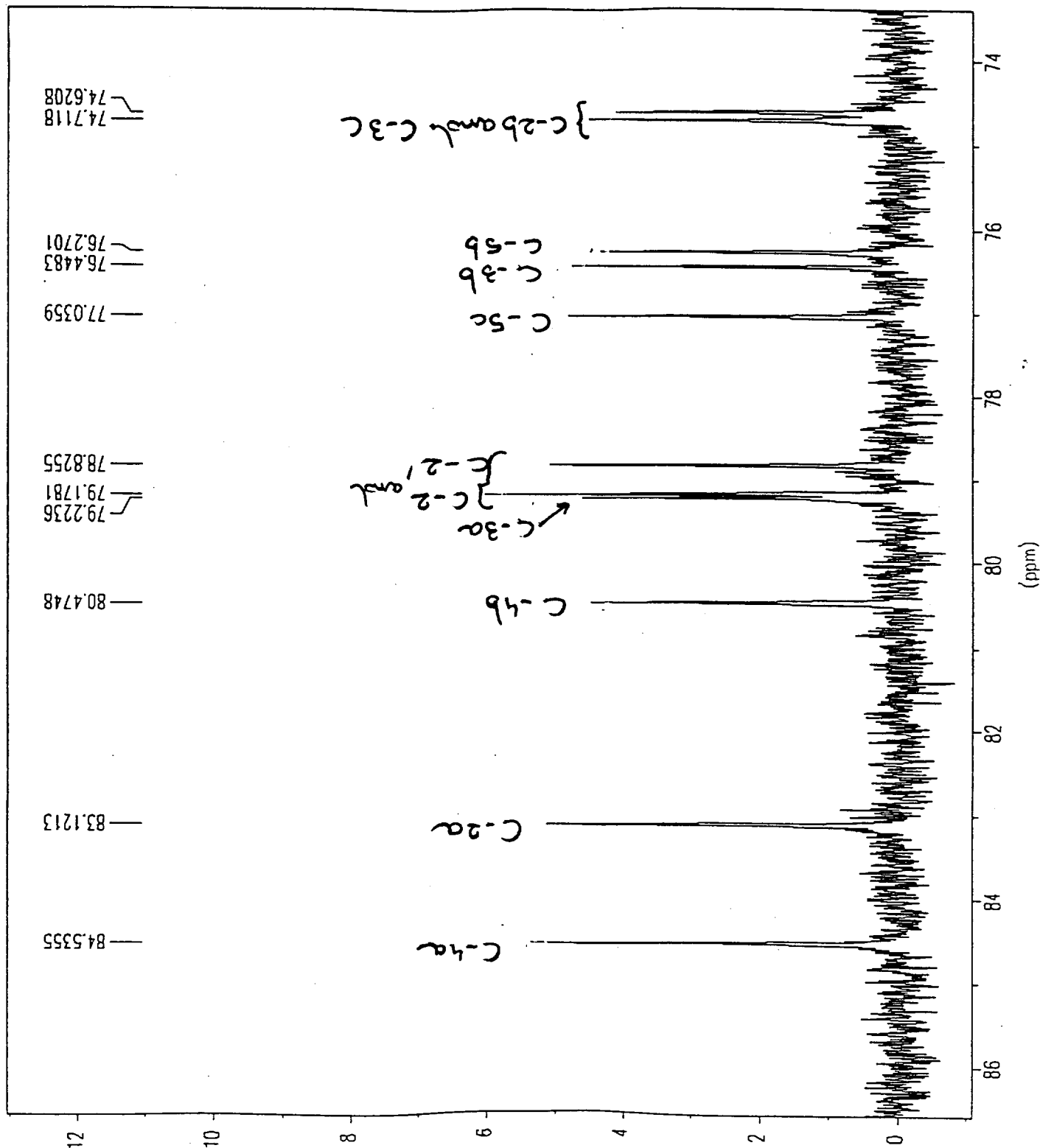
51

^{13}C
 revelation
 spectrum
 compound 28



55





*** Current Data Parameters ***
 NAME : e-1g1532
 EXPNO : 11
 PROCNO : 1

*** Acquisition Parameters ***
 BF1 : 100.6127290 MHz
 BF2 : 400.1300000 MHz
 D[1] : 2.0000000 sec
 DATED : Jan 30 1998
 NS : 1024
 NUCLEUS : 13C
 P[1] : 6.7 usec
 SOLVENT : MeOH

*** Processing Parameters ***
 SF : 100.6126295 MHz

51

*** Current Data Parameters ***

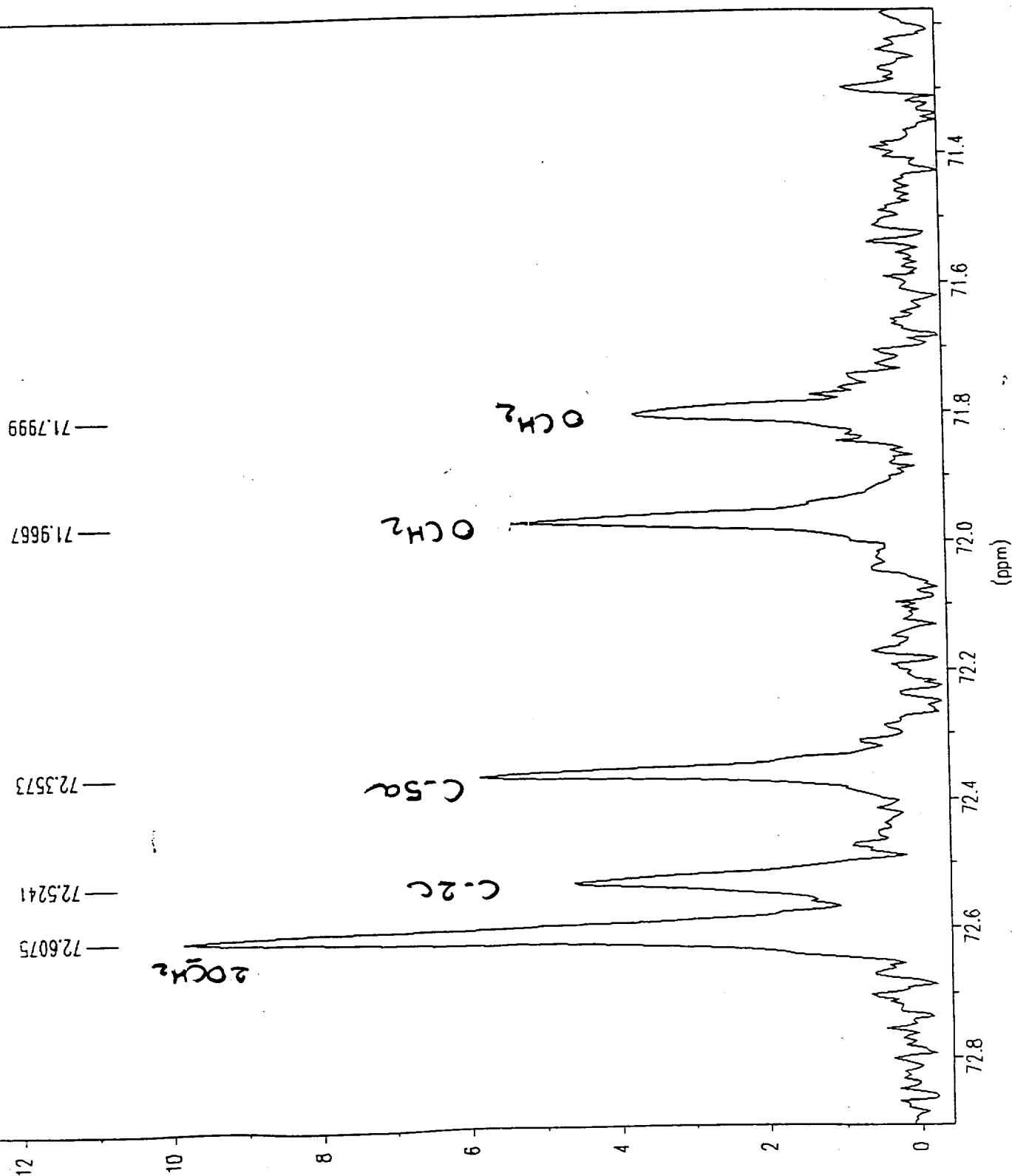
NAME : e-lg1532
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
AQ1 : 2.0000000 sec
DATED : Jan 30 1998
NS : 1024
NUCLEUS : ^{13}C
P1 : 6.7 usec
SOLVENT : MeOH

*** Processing Parameters ***

SF : 100.6126295 MH



5

*** Current Data Parameters ***

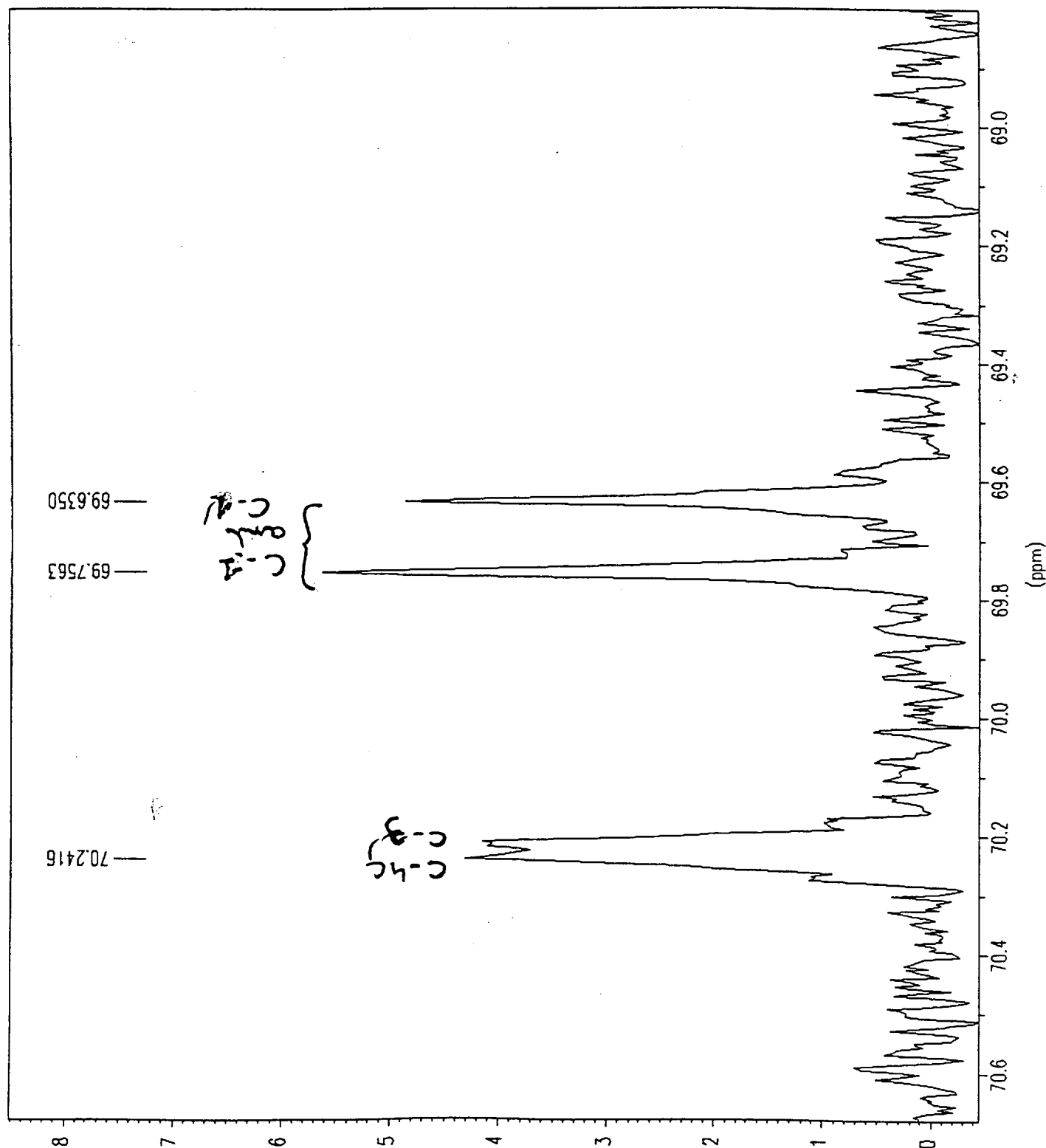
NAME : e-Ig1532
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

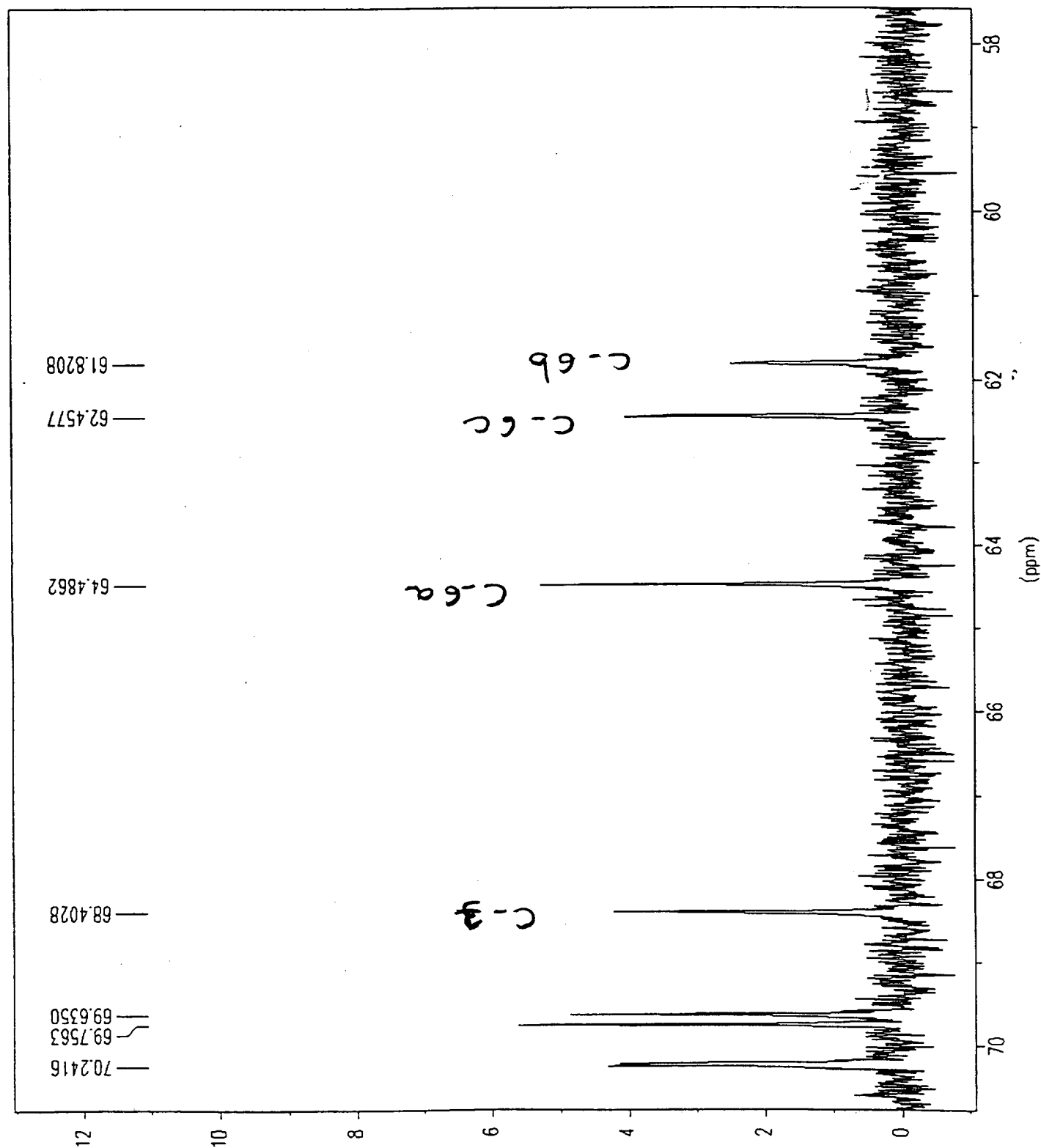
BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATE_ : Jan 30 1998
NS : 1024
NUCLEUS : ¹³C
P[1] : 6.7 usec
SOLVENT : MeOH

*** Processing Parameters ***

SF : 100.6126295 MHz



5



*** Current Data Parameters ***

NAME : e-lq1532
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATED : Jan 30 1998
NS : 1024
NUCLEUS : 13C
P[1] : 6.7 usec
SOLVENT : MeOH

*** Processing Parameters ***

SF : 100.6126295 MHz

62

*** Current Data Parameters ***

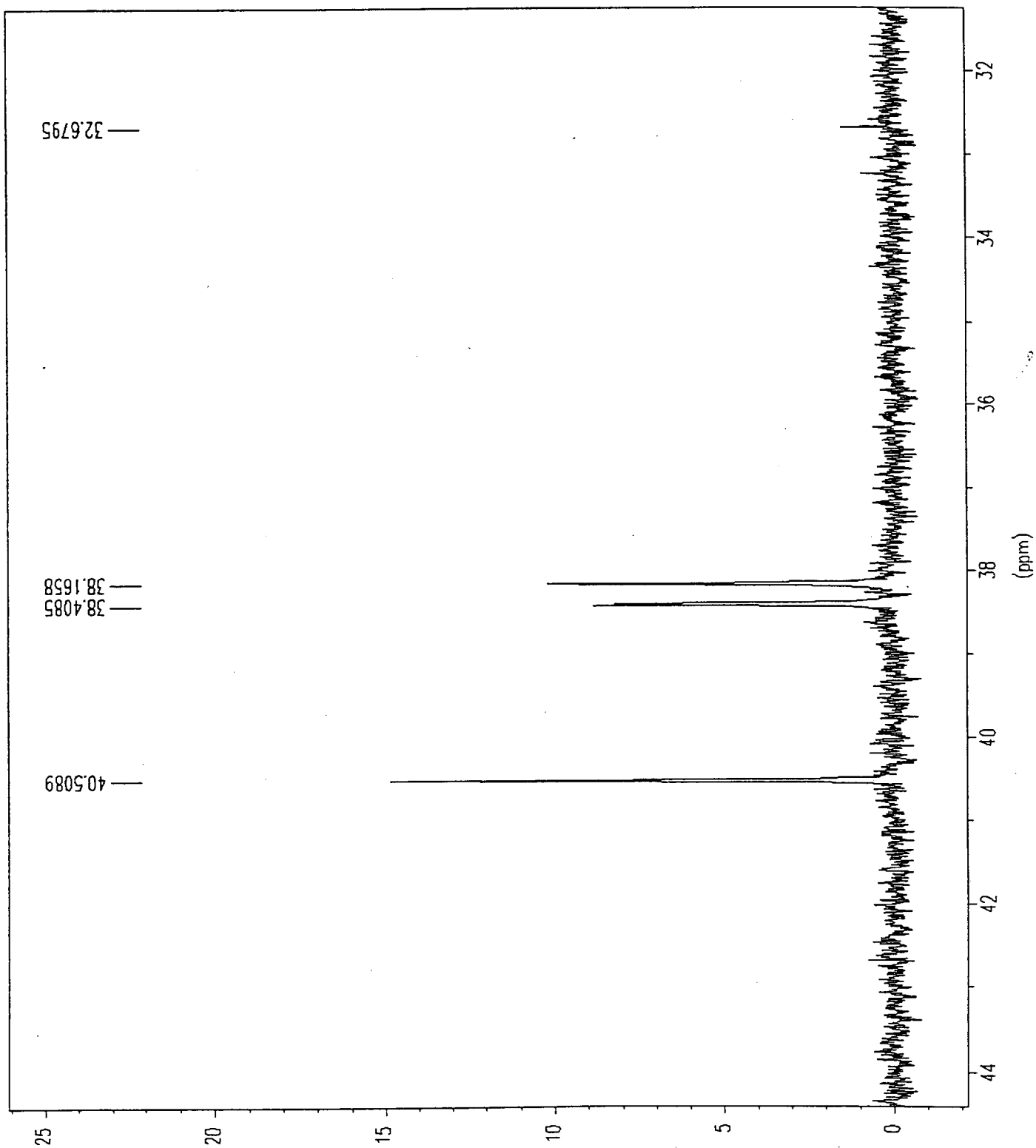
NAME : e-lg1532
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

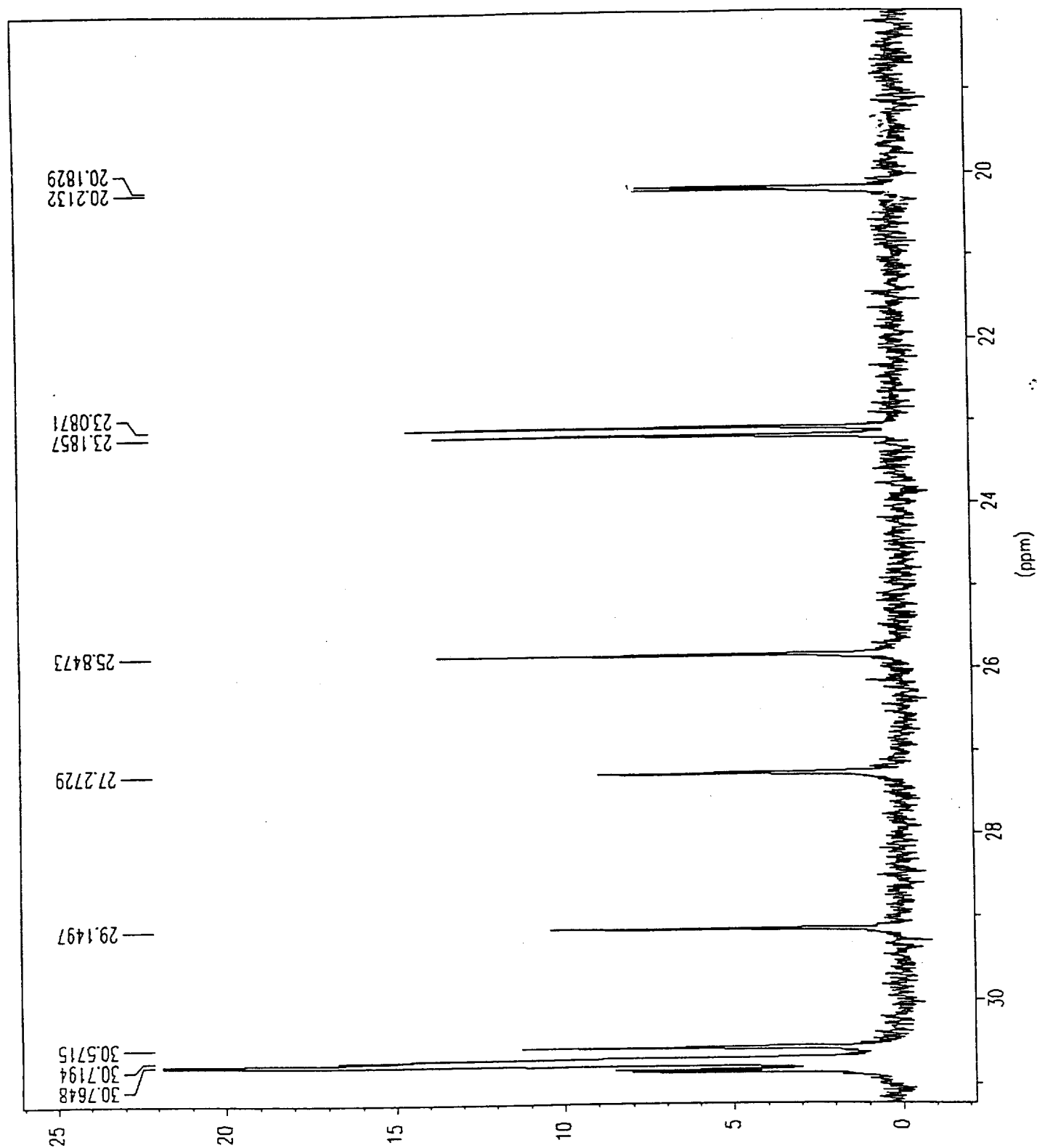
BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATED : Jan 30 1998
NS : 1024
NUCLEUS : ¹³C
P[1] : 6.7 usec
SOLVENT : MeOH

*** Processing Parameters ***

SF : 100.6126295 MHz

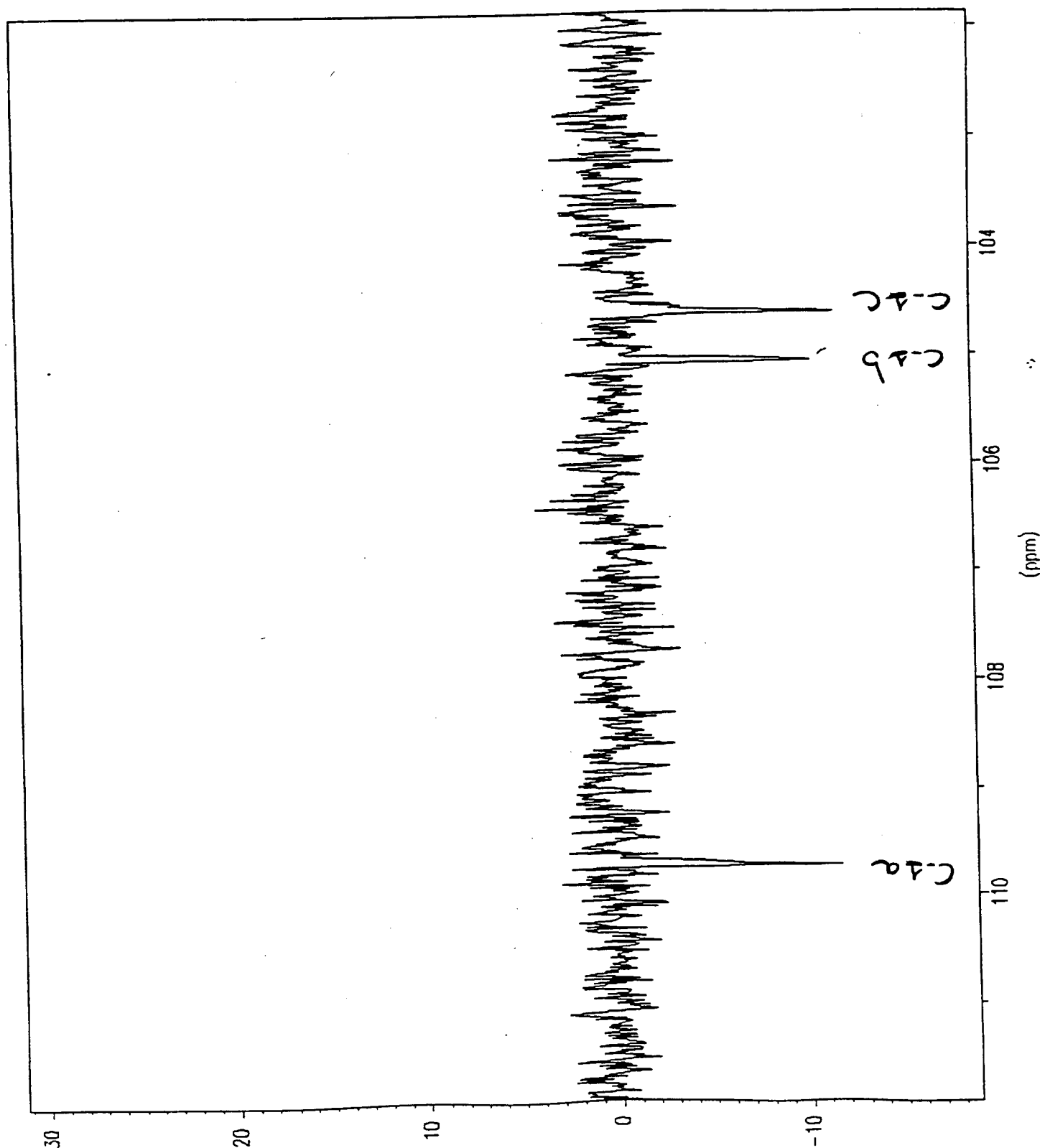


*** Current Data Parameters ***
 NAME : e-1g1532
 EXPNO : 11
 PROCNO : 1
 *** Acquisition Parameters ***
 BF1 : 100.6127290 MH
 BF2 : 400.1300000 MH
 D[1] : 2.0000000 sec
 DATE_ : Jan 30 1998
 NS : 1024
 NUCLEUS : ¹³C
 P[1] : 6.7 usi
 SOLVENT : MeOH
 *** Processing Parameters ***
 SF : 100.6126295 MH



*** Current Data Parameters ***
NAME : elg1533
EXPNO : 10
PROCNO : 1
*** Acquisition Parameters ***
BF1 : 100.610000 MHz
BF2 : 400.130000 MHz
D[1] : 2.000000 sec
DATED : Jan 31 1998
NS : 256
NUCLEUS : ¹³C
P[1] : 6.7 use
SOLVENT : MeOH
*** Processing Parameters ***
SF : 100.612620 MHz

D.E.P.T
Compound (7)



*** Current Data Parameters ***

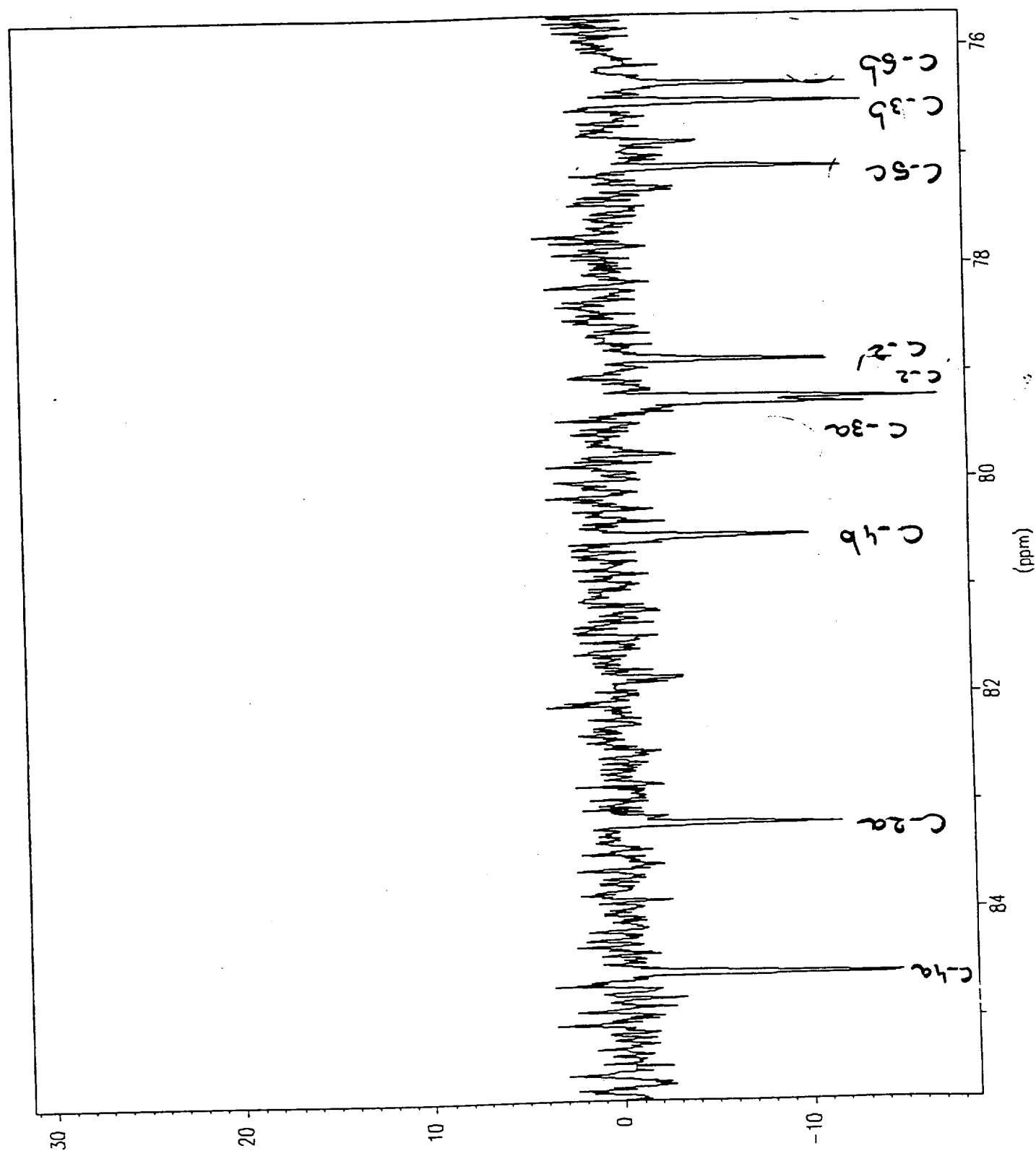
NAME : elg1533
EXPNO : 10
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.610000 MHz
BF2 : 400.130000 MHz
D[1] : 2.000000 sec
DATE_ : Jan 31 1998
NS : 256
NUCLEUS : ^{13}C
P[1] : 6.7 usec
SOLVENT : MeOH

*** Processing Parameters ***

SF : 100.6126220 MHz



64

*** Current Data Parameters ***

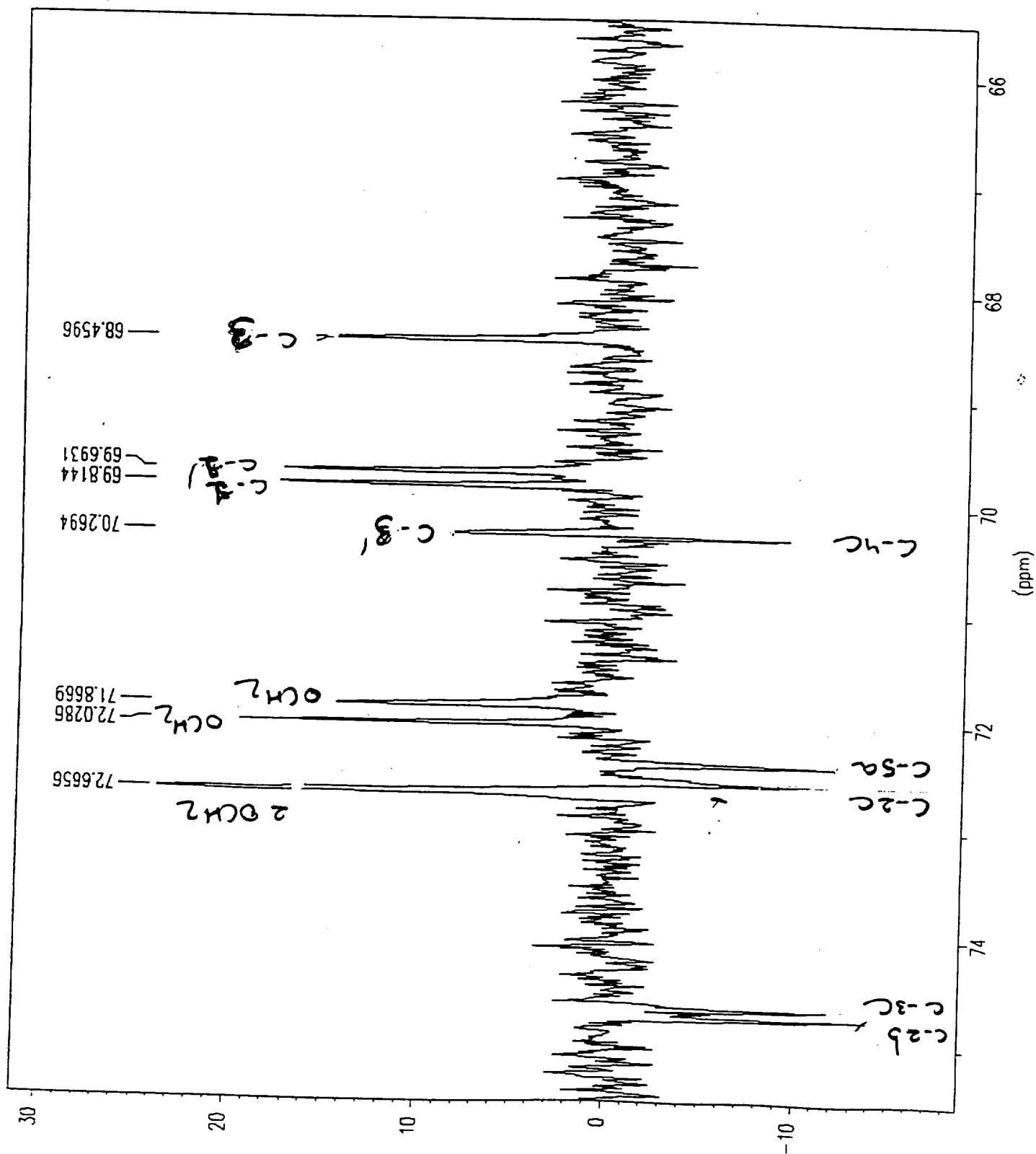
NAME : elg1533
EXPNO : 10
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.610000 MHz
BF2 : 400.130000 MHz
D[1] : 2.000000 sec
DATED : Jan 31 1998
NS : 256
NUCLEUS : ¹³C
P[1] : 6.7 usec
SOLVENT : MeOH

*** Processing Parameters ***

SF : 100.612620 MHz



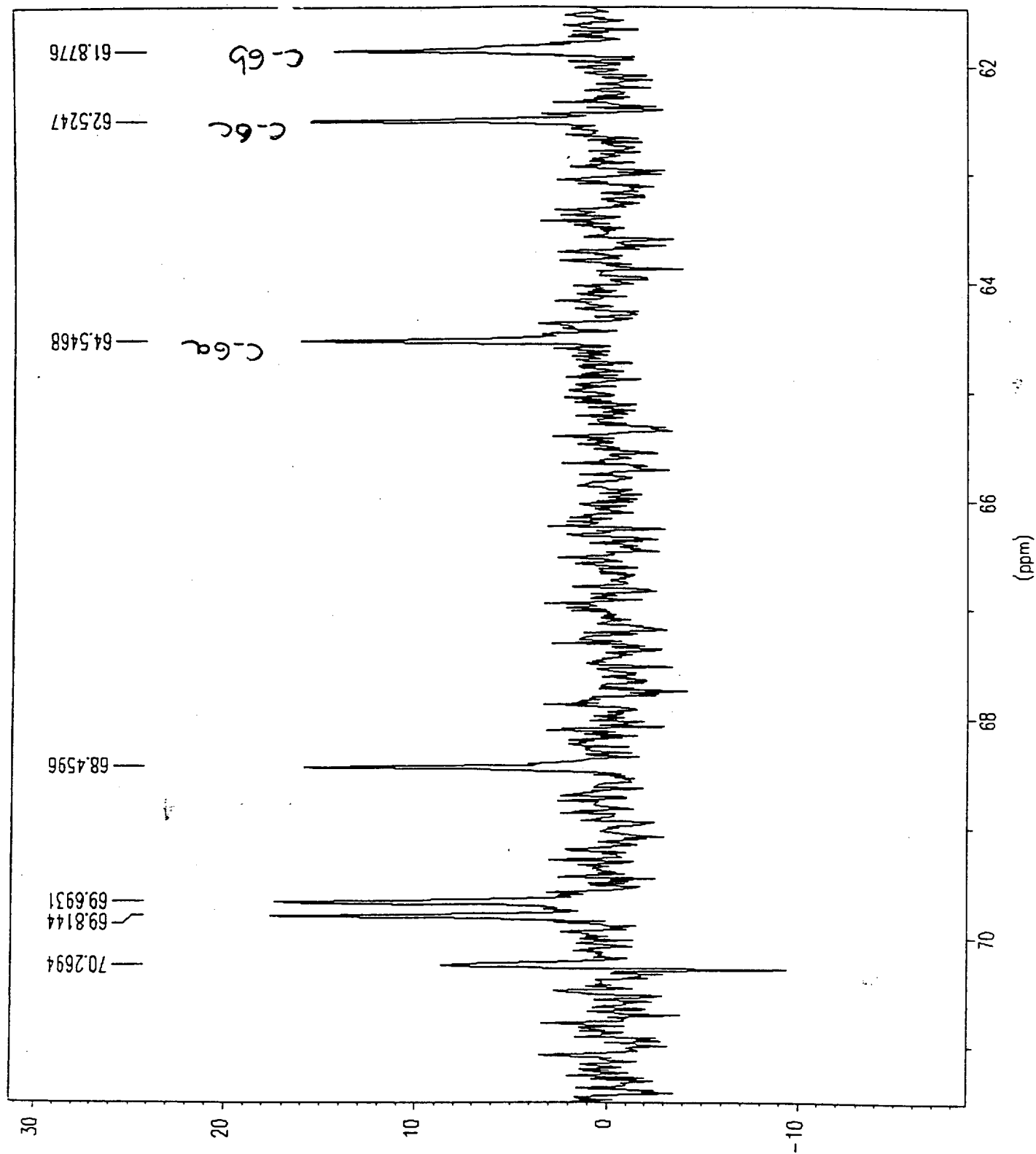
6.

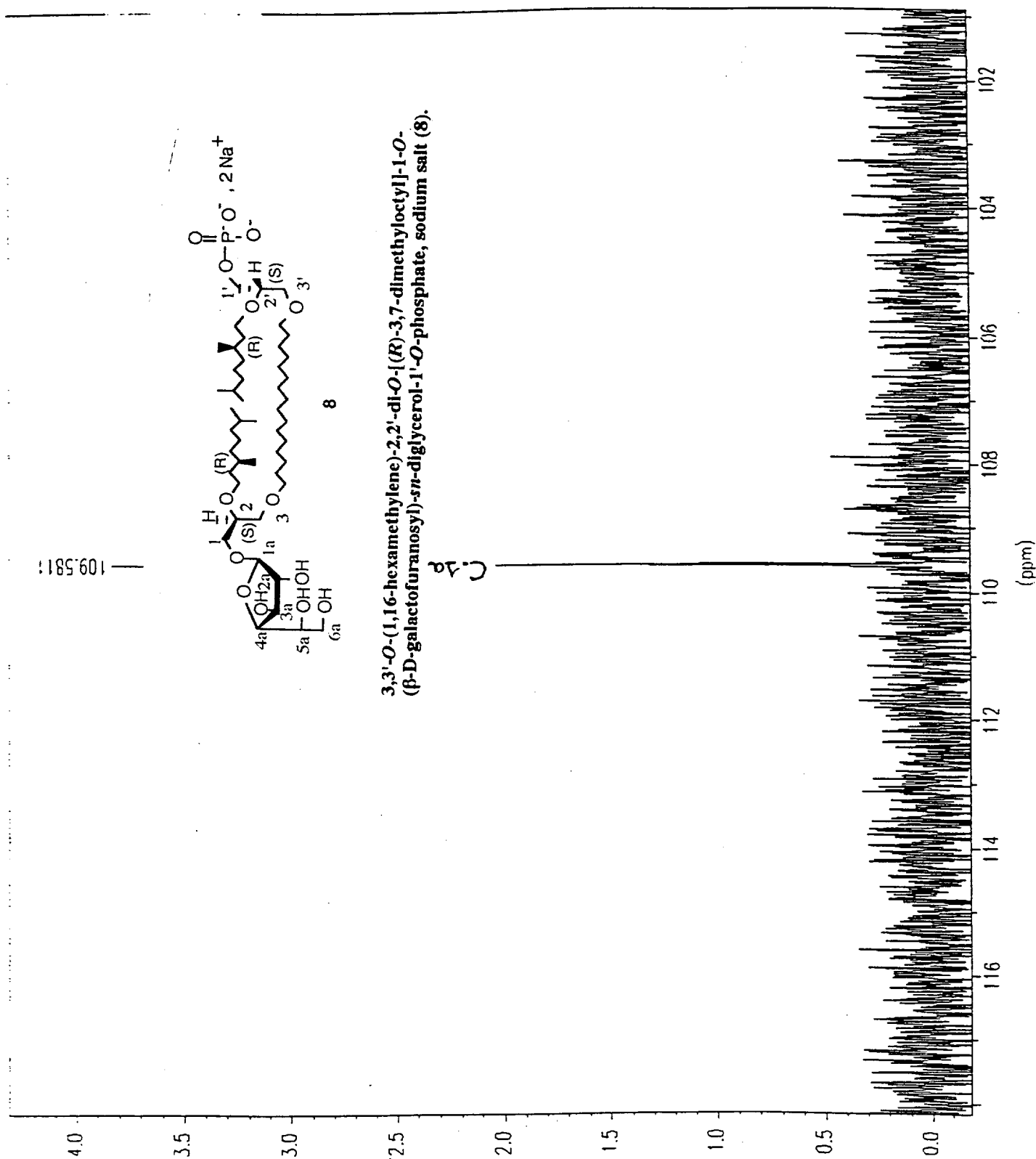
```

*** Current Data Parameters ***
NAME      : elg1533
EXPNO     : 10
PROCNO    : 1

*** Acquisition Parameters ***
BF1       : 100.6100000 MHz
BF2       : 400.1300000 MHz
D[1]      : 2.0000000 sec
DATED     : Jan 31 1998
NS        : 256
NUCLEUS   : 13C
P[1]      : 6.7 usec
SOLVENT   : MeOH

*** Processing Parameters ***
SF        : 100.6126220 MHz
    
```





```

*** Current Data Parameters ***
NAME      : e-1g151
EXPNO     : 11
PROCNO    : 1

```

↑ Acquisition	Parameters ↑↑↑
8F1	100.6127290 Hz
8F2	400.1300000 MHz
DI1	2.00000000 s
DATE1	10:22:09
DATE2	Jan 23 1998
NS	1024
NUCLEUS	¹³ C
PI1	6.7
PULPROG	zgpg
SOLVENT	MeOH
TE	300.0

+++ Processing Parameters +++
SF : 100.6126330

$$(100\text{mHz}, \text{CD}_3\text{OD})$$

67

*** Current Data Parameters ***
 NAME : e-1g151
 EXPNO : 11
 PROCNO : 1

*** Acquisition Parameters ***
 BF1 : 100.6127290 MHz
 BF2 : 400.1300000 MHz
 O[1] : 2.0000000 sec
 DATE1 : 10:22:09
 DATE2 : Jan 23 1998
 NS : 1024
 NUCLEUS : ¹³C
 P[1] : 6.7 usec
 PULPROG : zgpg
 SOLVENT : MeOH
 TE : 300.0 K

*** Processing Parameters ***
 SF : 100.6126330 MHz

79.5451
 79.4655
 79.1167
 78.7641

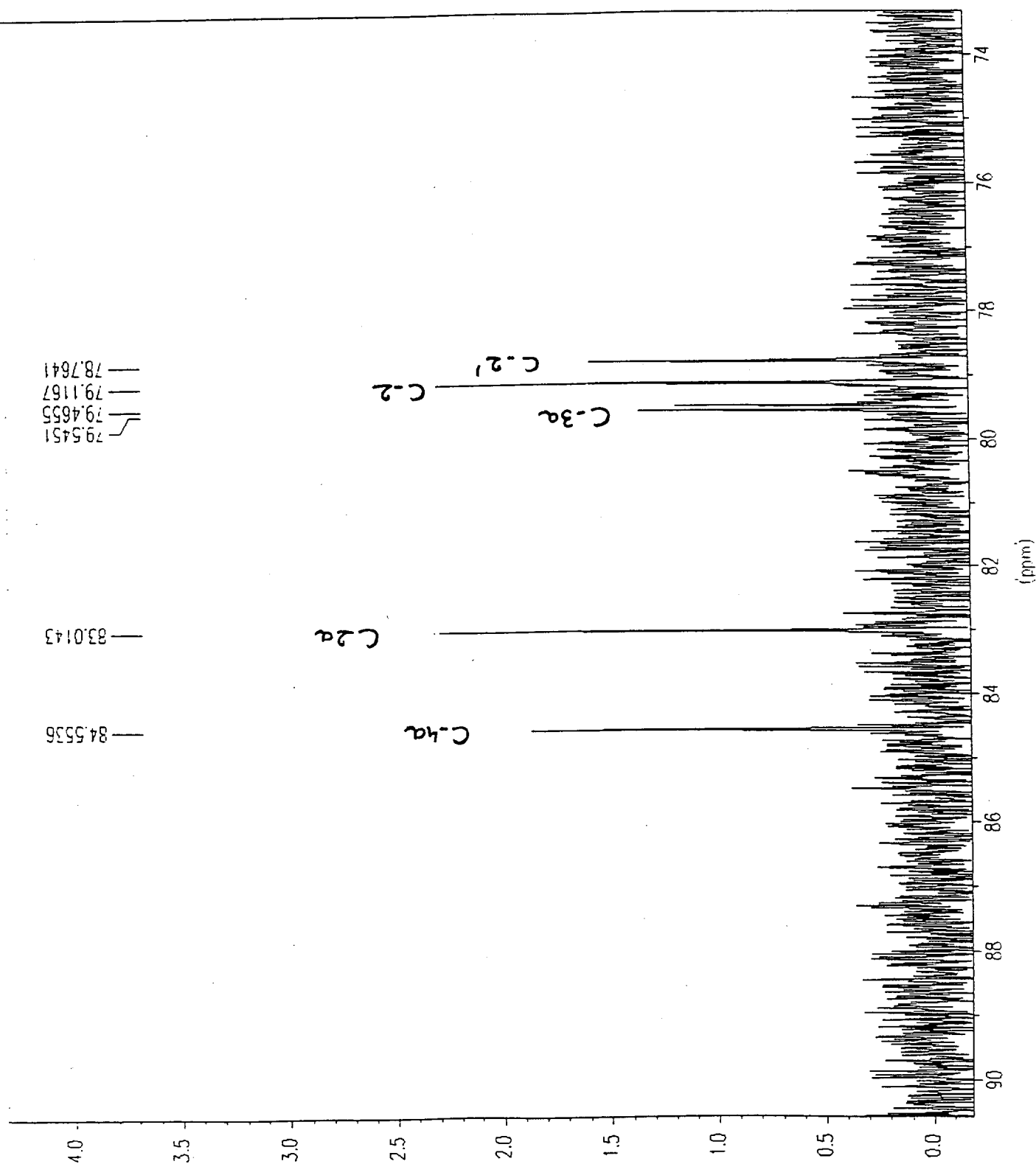
83.0143

84.5536

C-2
 C-2'
 C-3a

C-2a

C-4a



6i

*** Current Data Parameters ***

NAME : e-1g151
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATE1 : 10:22:09
DATE2 : Jan 23 1998
NS : 1024
NUCLEUS : ¹³C
P[1] : 6.7 usec
PULPROG : zgpg
SOLVENT : MeOH
TE : 300.0 K

*** Processing Parameters ***

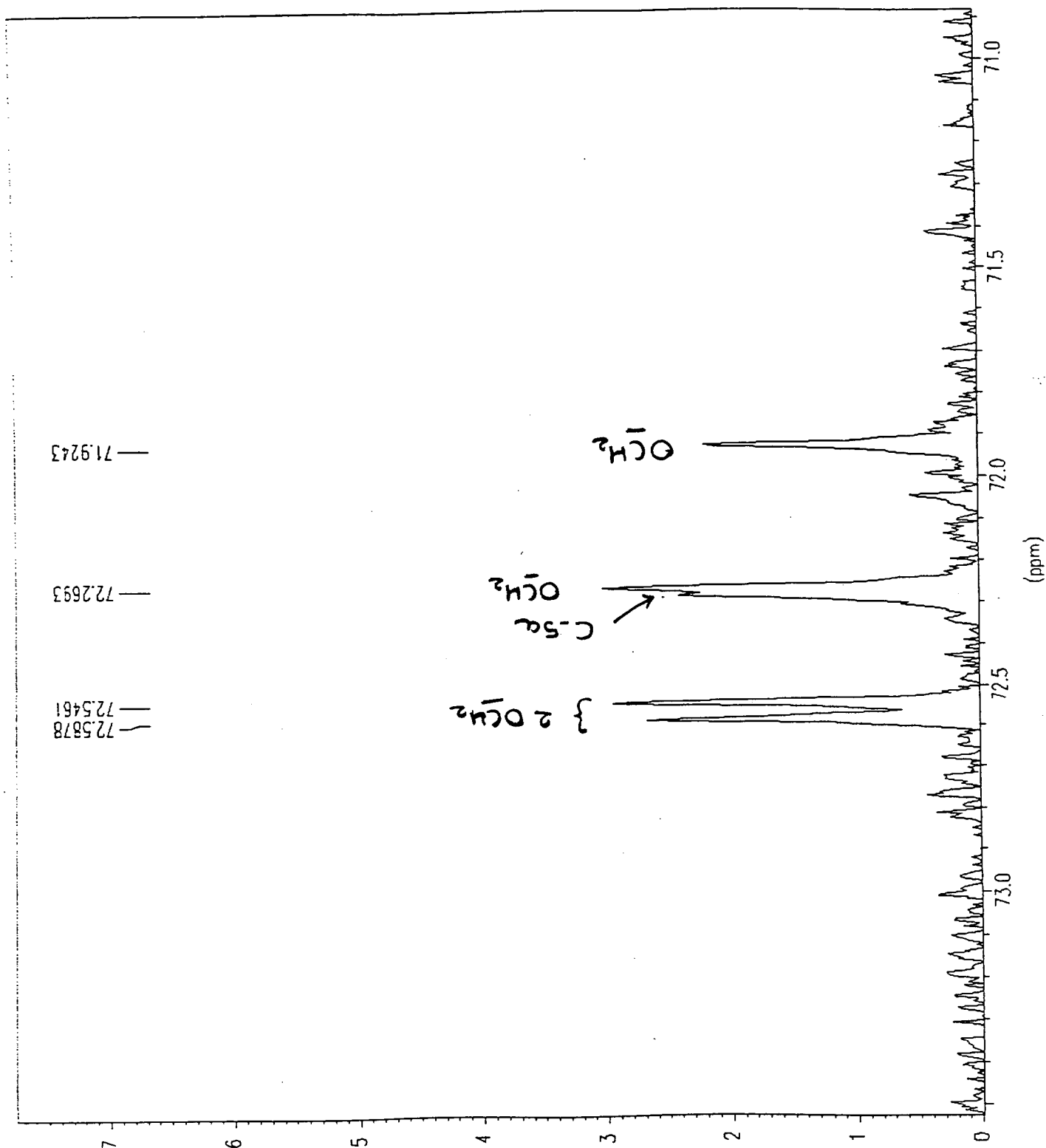
SF : 100.6126330 MHz

71.9243

72.2693

72.5461
72.5878

2 OCH₃
C-5a
OCH₃
OCH₃



69

*** Current Data Parameters ***

NAME : e-Ig151
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATE1 : 10:22:09
DATE2 : Jan 23 1998
NS : 1024
NUCLEUS : ¹³C
P[1] : 6.7 usec
PULPROG : zgpg
SOLVENT : MeOH
TE : 300.0 K

*** Processing Parameters ***

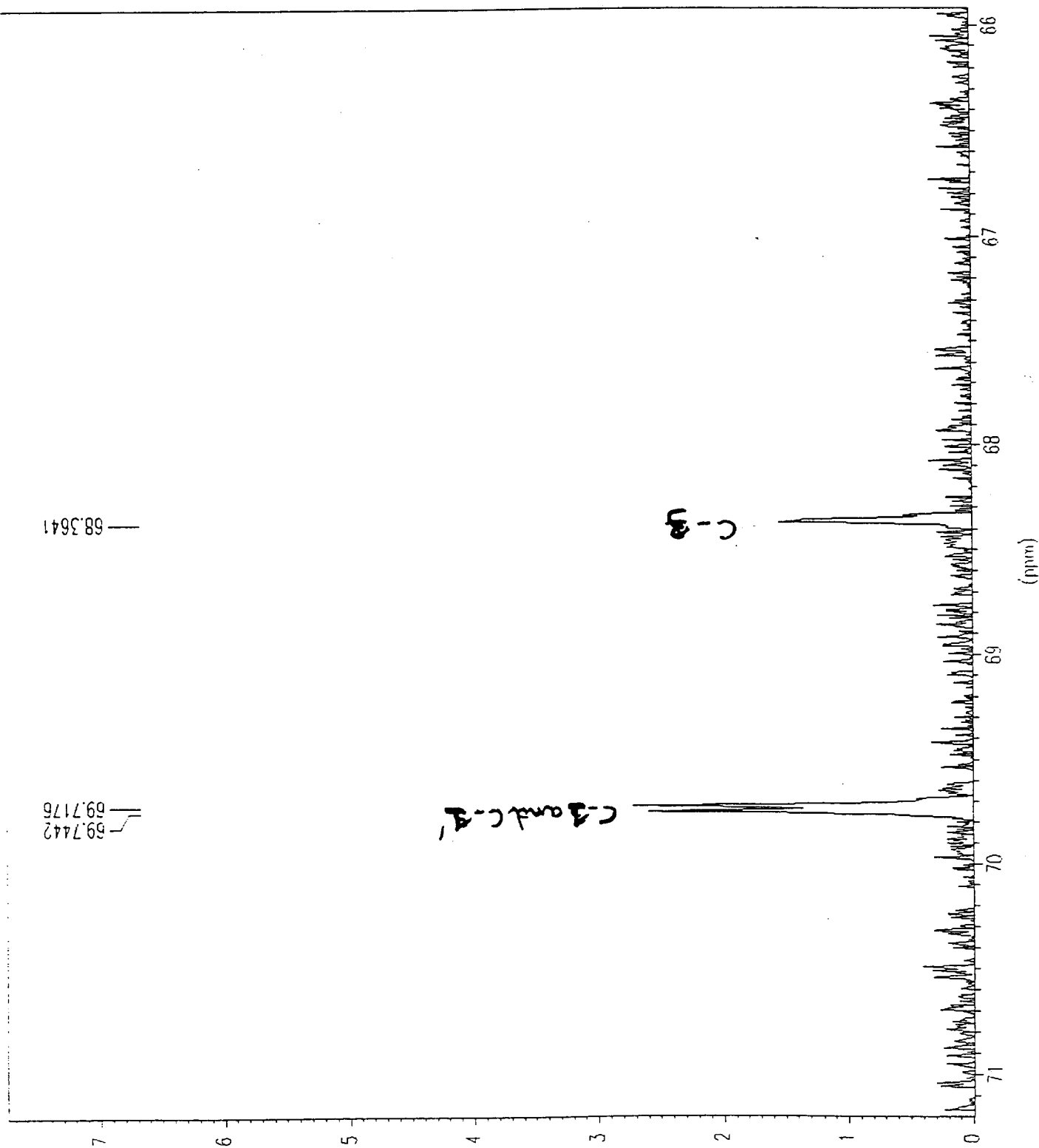
SF : 100.6126330 MHz

68.3641

69.7442
69.7176

C-3 and C-4'

C-5



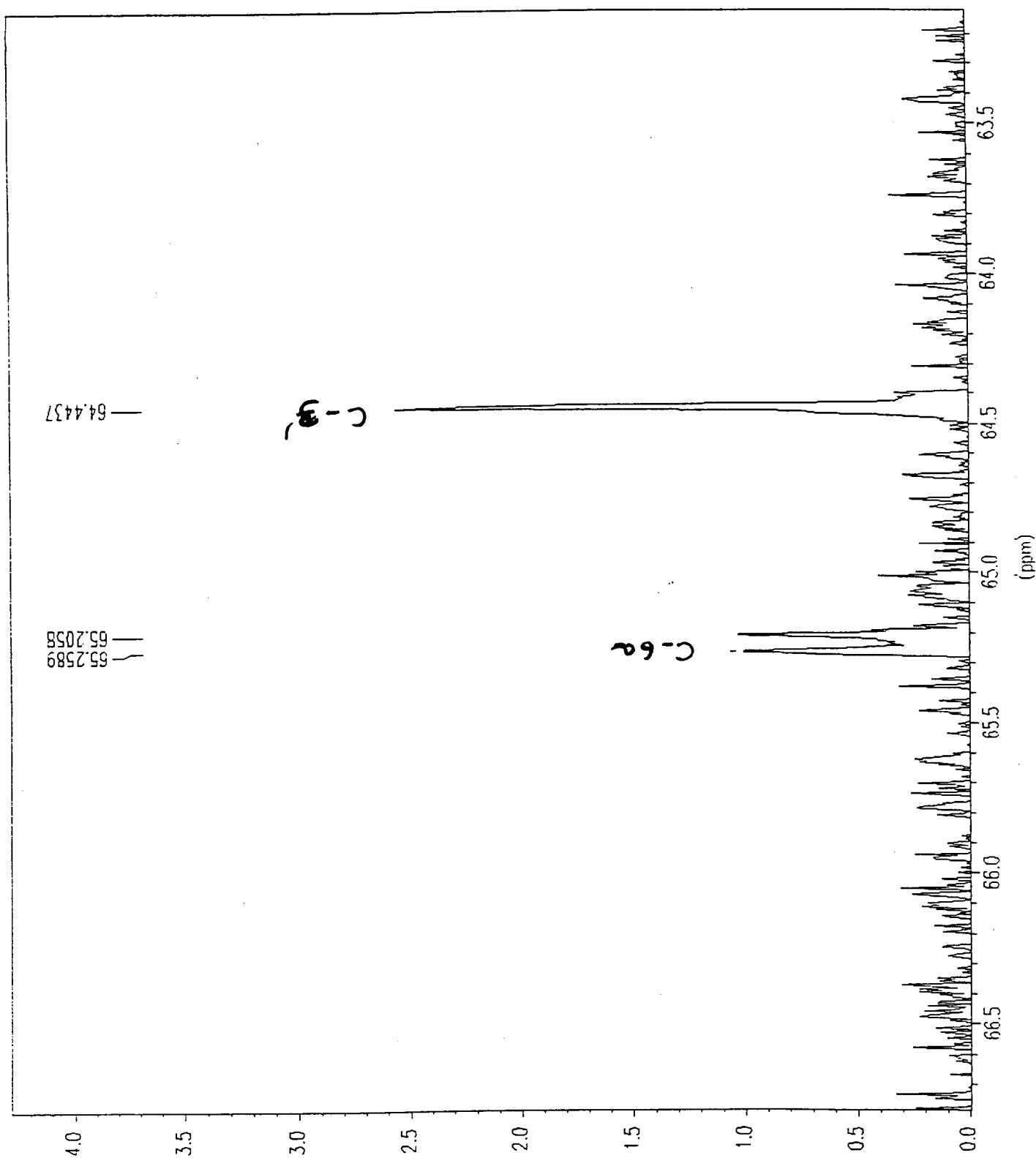
70

```

*** Current Data Parameters ***
NAME      : e-lg151
EXPNO     : 11
PROCNO    : 1

*** Acquisition Parameters ***
BF1       : 100.6127290 MHz
BF2       : 400.1300000 MHz
D[1]      : 2.0000000 sec
DATE1     : 10:22:09
DATE2     : Jan 23 1998
NS        : 1024
NUCLEUS   : 13C
P[1]      : 6.7 usec
PULPROG   : zgpg
SOLVENT   : MeOH
TE        : 300.0 K

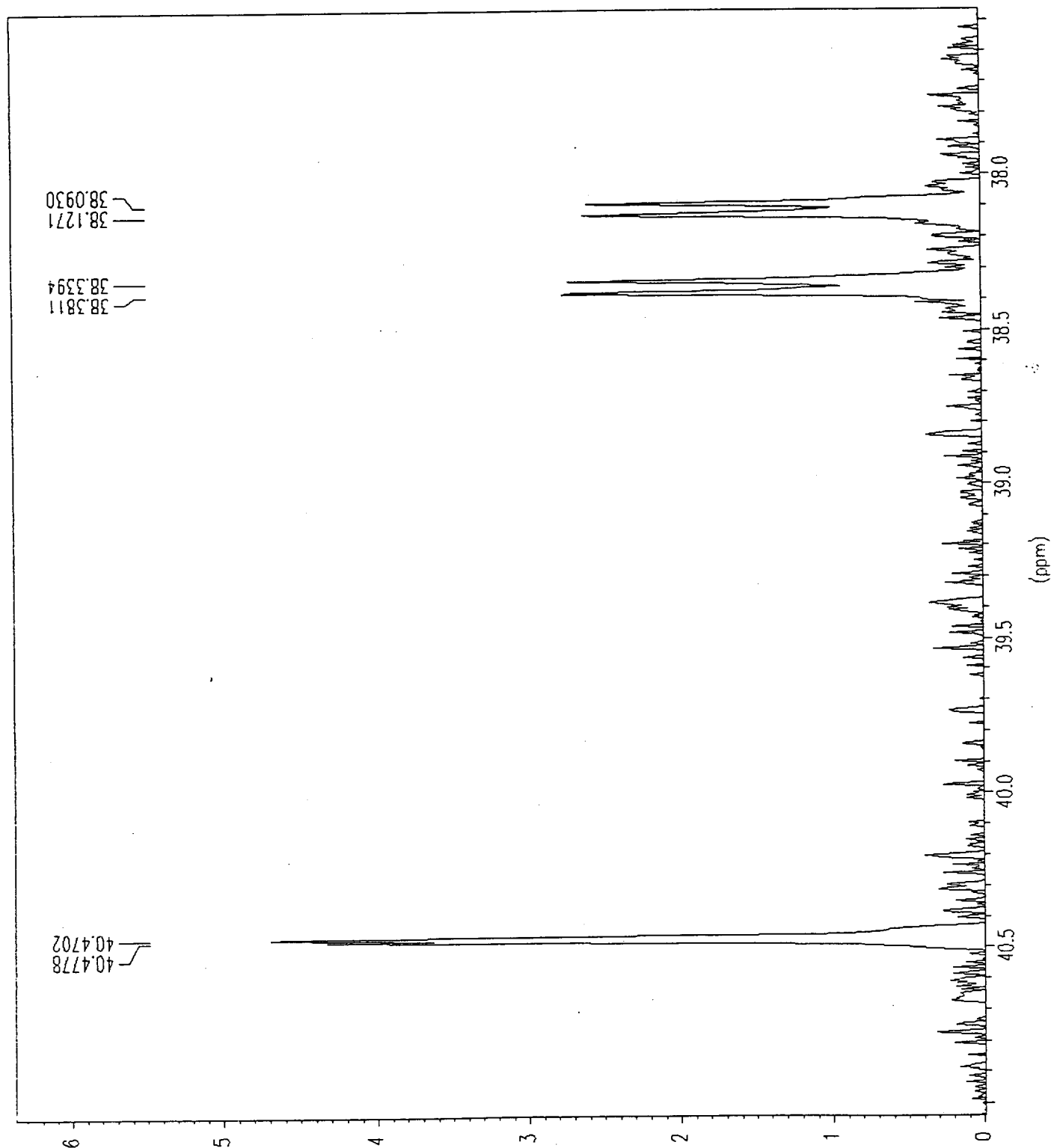
*** Processing Parameters ***
SF        : 100.6126330 MHz
    
```

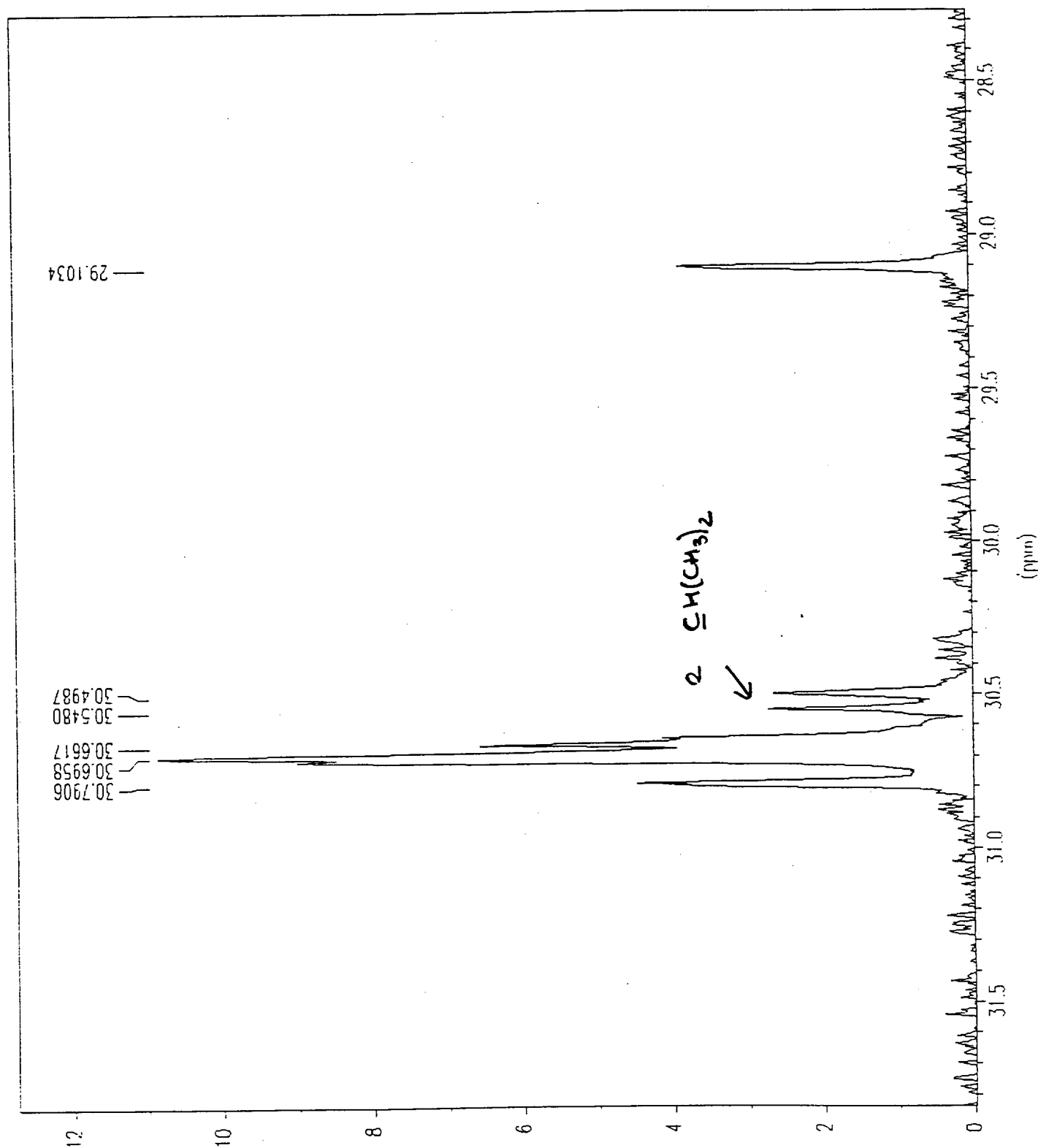


*** Current Data Parameters ***
NAME : e-lg151
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***
BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATE_ : 10:22:09
DATED : Jan 23 1998
NS : 1024
NUCLEUS : ¹³C
P[1] : 6.7 usec
PULPROG : zgpg
SOLVENT : MeOH
TE : 300.0 K

*** Processing Parameters ***
SF : 100.6126330 MHz



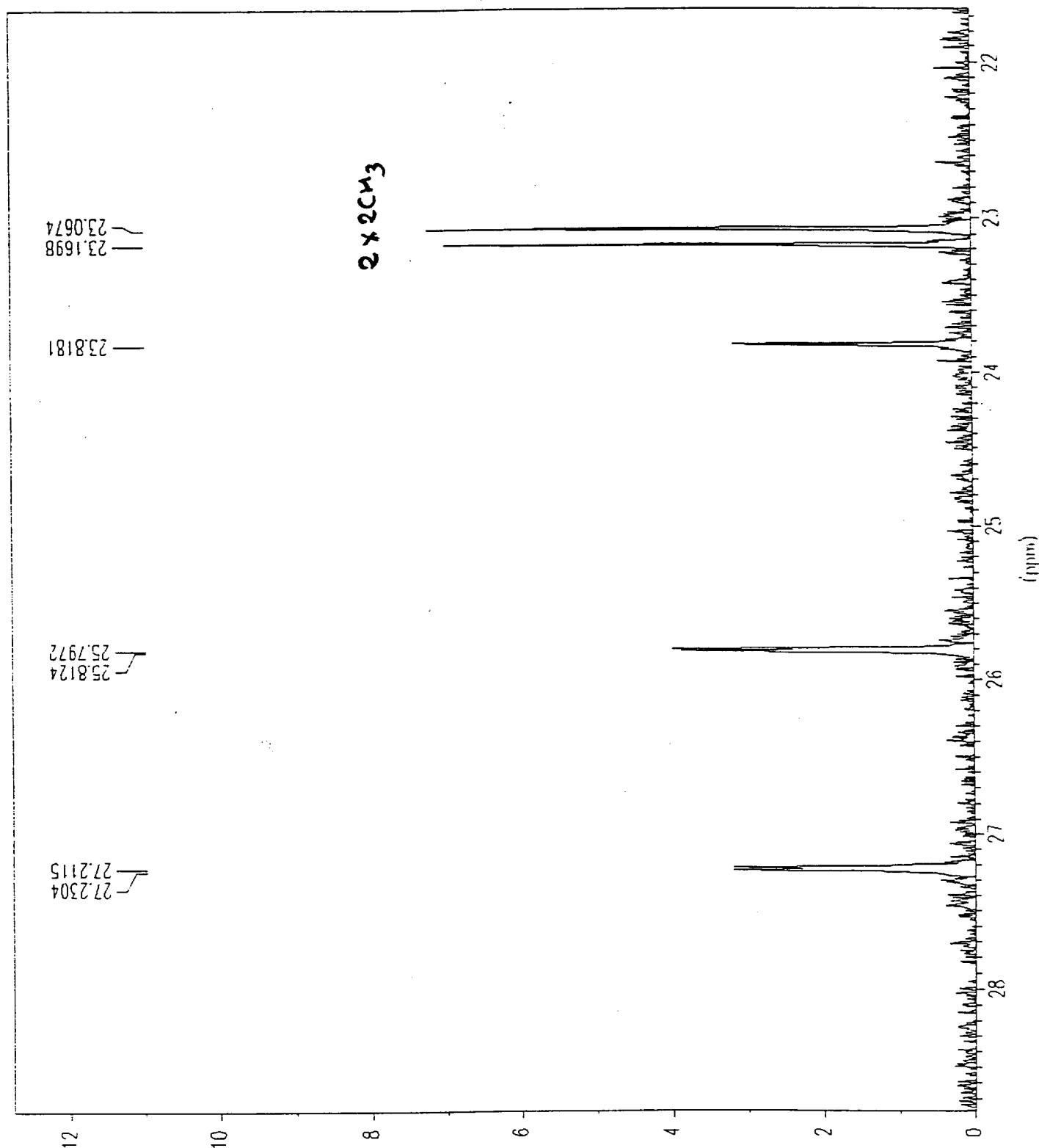


*** Current Data Parameters ***
 NAME : e-1g151
 EXPNO : 11
 PROCNO : 1

*** Acquisition Parameters ***
 BF1 : 100.612729 MHz
 BF2 : 400.130000 MHz
 D[1] : 2.000000 sec
 DATE_ : 10-22-00
 DATE_ : Jan 23 1991
 NS : 102
 NUCLEUS : ¹³C
 P[1] : 6. sec
 PULPROG : zgpg
 SOLVENT : MeOH
 TE : 300

*** Processing Parameters ***
 SF : 100.612633 MHz

73



*** Current Data Parameters ***
 NAME : e-lg151
 EXPNO : 11
 PROCNO : 1

*** Acquisition Parameters ***
 BF1 : 100.6127290
 BF2 : 400.1300000
 D[1] : 2.0000000
 DATE1 : 10:22:09
 DATE2 : Jan 23 1998
 NS : 1024
 NUCLEUS : 13C
 P[1] : 6.7
 PULPROG : zgpg
 SOLVENT : MeOH
 TE : 300.0

*** Processing Parameters ***
 SF : 100.6126330

74

*** Current Data Parameters ***

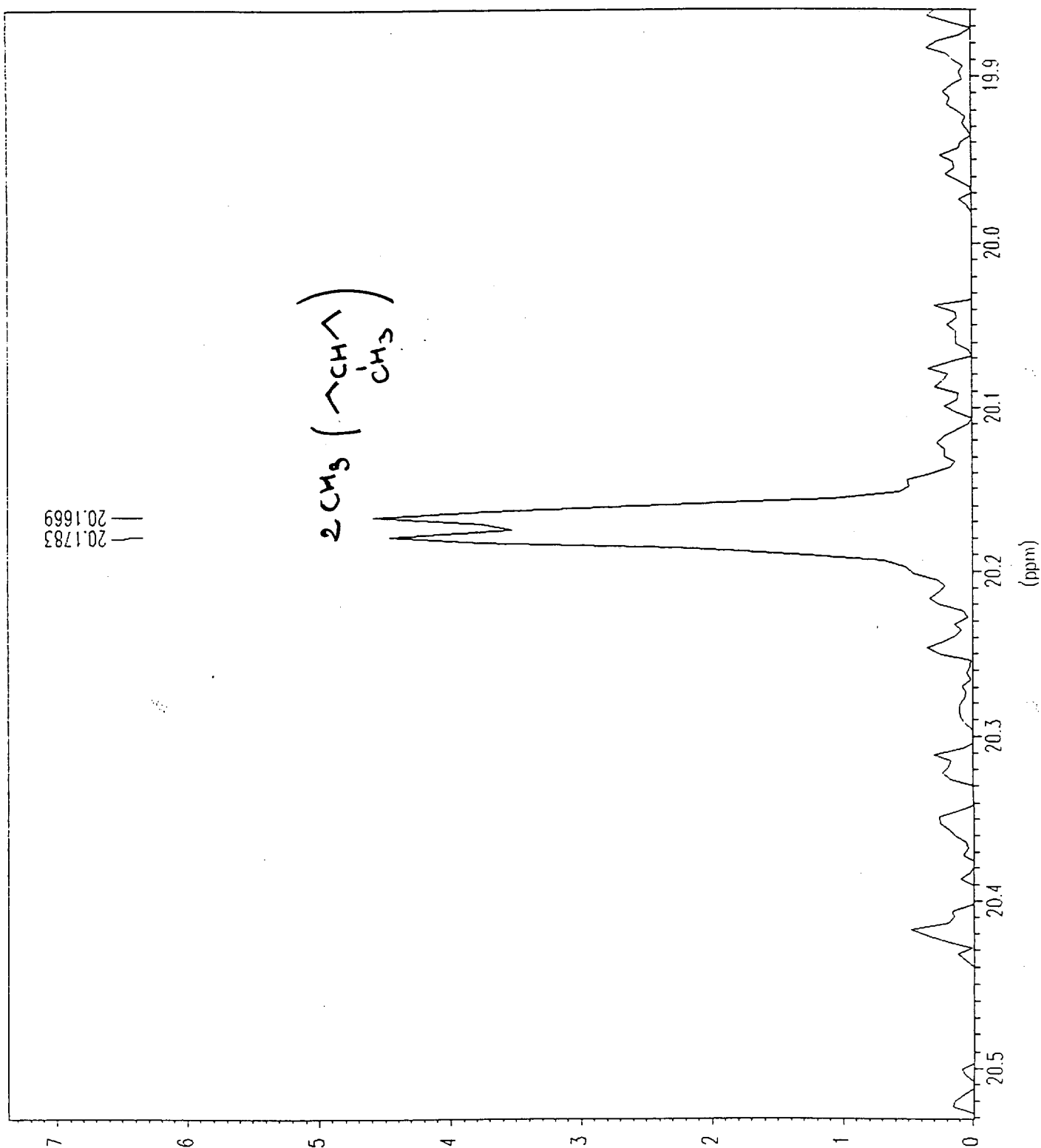
NAME : e-lg151
EXPNO : 11
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 100.6127290 MHz
BF2 : 400.1300000 MHz
D[1] : 2.0000000 sec
DATE_ : 10:22:09
DATED : Jan 23 1998
NS : 1024
NUCLEUS : ¹³C
P[1] : 6.7 usec
PULPROG : zgpg
SOLVENT : MeOH
TE : 300.0 K

*** Processing Parameters ***

SF : 100.6126330 MHz



75

*** Current Data Parameters ***

NAME : e-1g151
EXPNO : 12
PROCNO : 1

*** Acquisition Parameters ***

BF1 : 161.980000 MHz
BF2 : 400.130000 MHz
D[1] : 1.000000 sec
DATE1 : 10:36:09
DATE2 : Jan 23 1998
NS : 64

NUCLEUS : ³¹P
P[1] : 4.5 usec
PULPROG : zgpg
SOLVENT : MeOH
TE : 300.0 K

*** Processing Parameters ***

SF : 161.9760452 MHz

³¹P NMR (162 MHz)

(CD₃OD)

compound (8)

