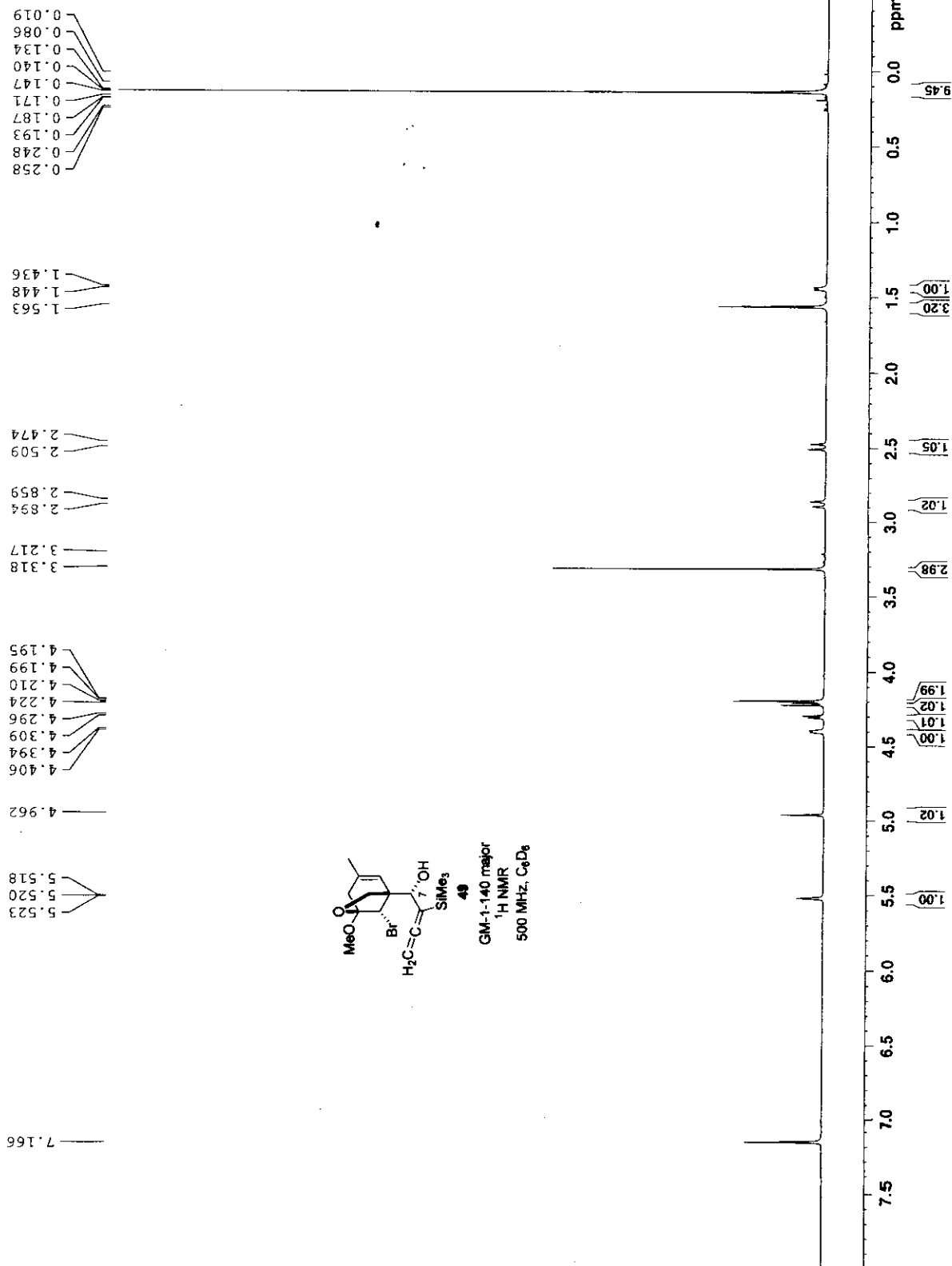




Current Data Parameters	
NAME	GM-1-140 (Isomer B)
EXPNO	2
PROCNO	1

F2 - Acquisition Parameters

Date_	20090201
Time	10.53
INSTRUM	spect

PROBHD 5 mm Multinuc1

```

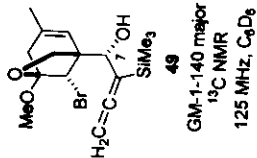
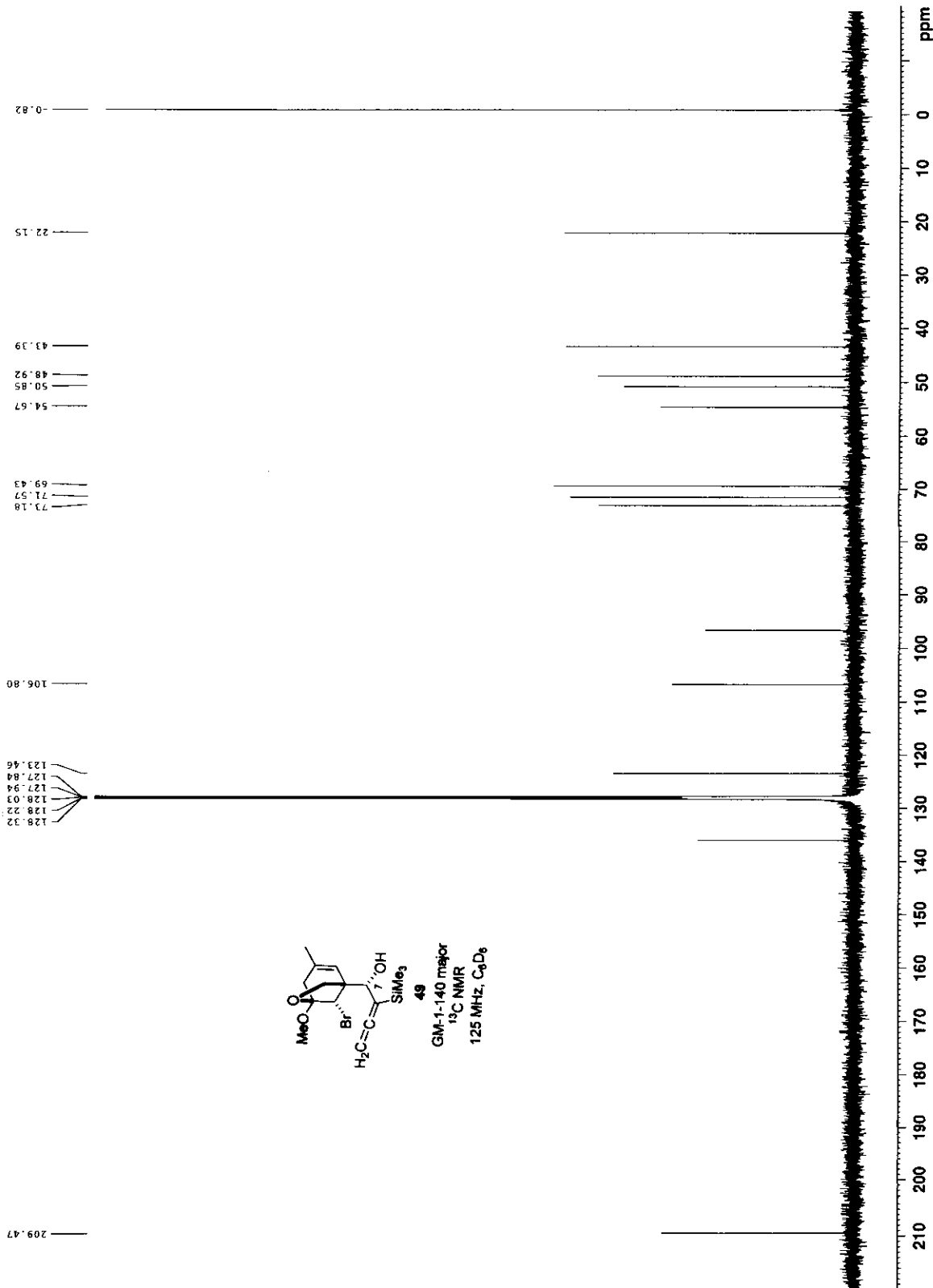
PULPROG
TD
SOLVENT
zpg30
65536
C6D6

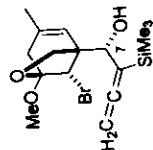
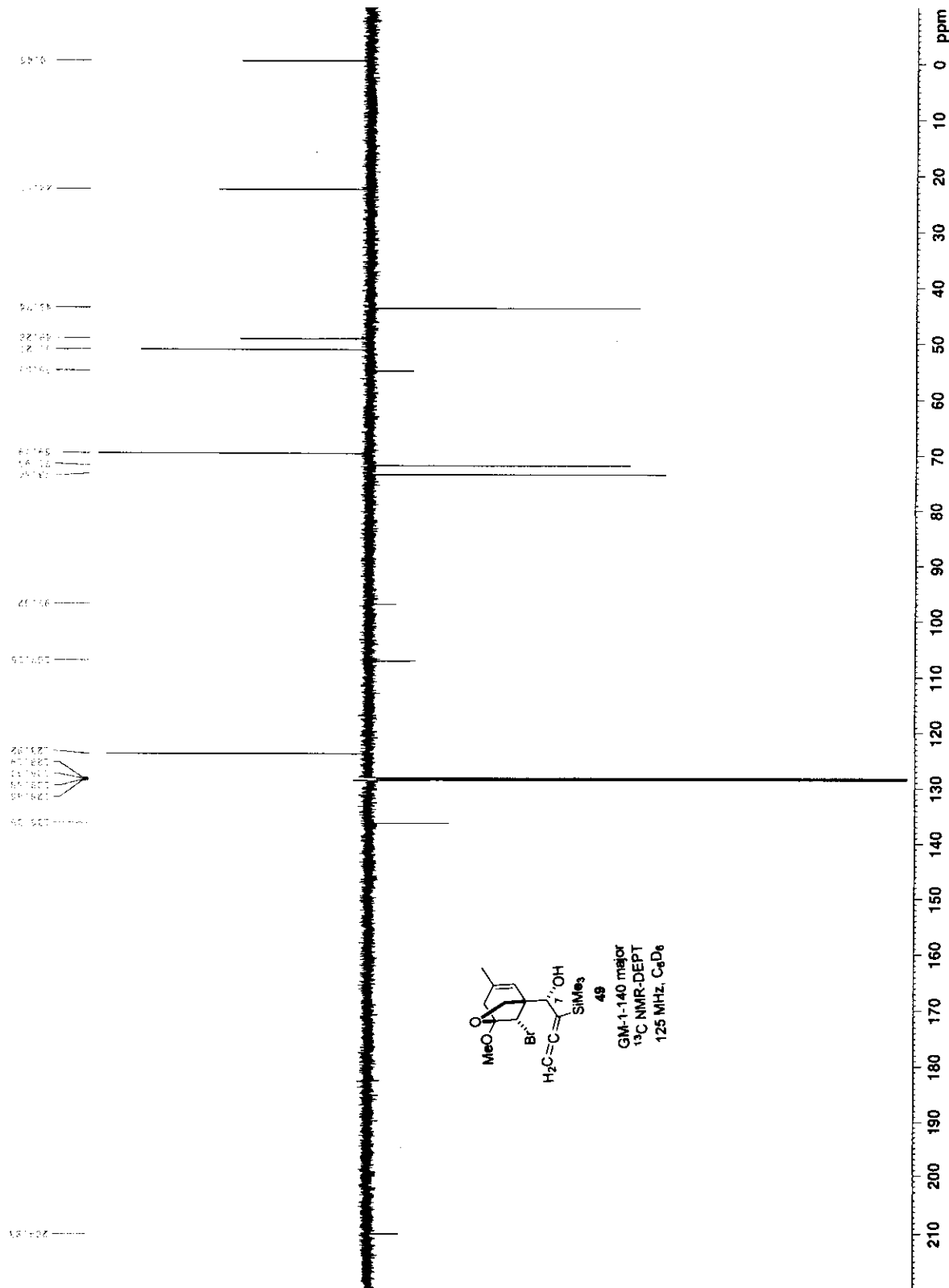
```

186 SN

DS	SWH	FIDRES	30030.029 Hz	0.458222 Hz

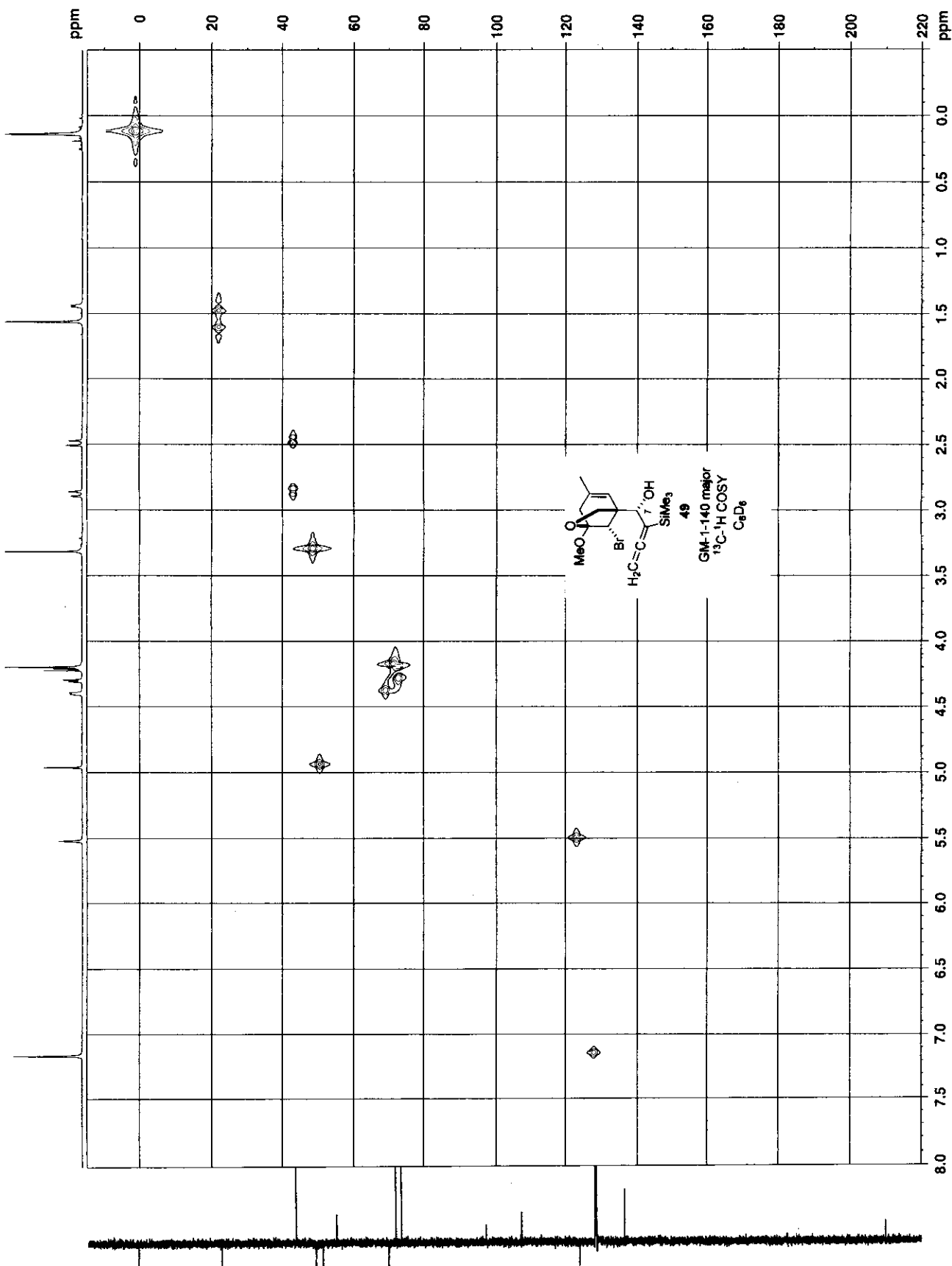
1.0912244 sec	
5792.6	
16.650	used





54

GM-1-140 major
13C NMR-DEPT
125 MHz, C6D6





0.107
0.114
0.117
0.150
0.156
0.220
0.226
0.232
0.238

1.572

2.419
2.454

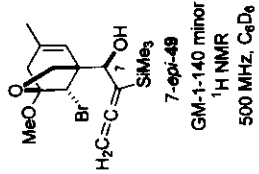
2.779

3.216
3.257
3.384

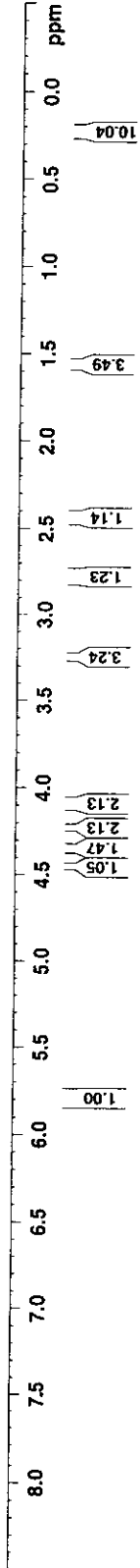
4.039
4.113
4.228
4.233
4.349
4.353
4.358
4.451

5.824
5.826
5.829

7.151



Current Data Parameters
 NAME GM-1-140 (minor isomer)
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20090320
 Time 12.12
 INSTRUM spect
 PROBM 5 mm Multispec
 PULPROG zgpg30
 TD 65536
 SOLVENT c6d6
 NS 16
 DS 2
 SWH 10310.578 Hz
 FIDRES 0.157632 Hz
 AQ 3.171923 sec
 RG 30.5
 DW 48.400 usec
 DE 1.00 usec
 TE 300.2 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRR 0.01500000 sec
 ===== CHANNEL f1 =====
 NUC1 1H
 P1 14.80 usec
 PL1 -1.00 dB
 SFO1 500.0230878 MHz
 F2 - Processing parameters
 SI 32768
 SF 500.0195948 MHz
 WDW EM
 SSB 0
 GB 0.50 Hz
 PC 1.00





Current Data Parameters
NAME GM-1-140 (minor isomer)
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20090320

Time 12.25

PROBHD 5 mm Multispec

PULPROG zgpg30

TD 65536

SOLVENT CDCl3

NS 177

DS 4

SWH 30010.029 Hz

FIDRES 0.459222 Hz

AQ 1.091244 sec

RG 2580.3

DW 16.650 usec

DE 12.00 usec

TE 300.2 K

D1 2.00000000 sec

d11 0.03000000 sec

DELTA 1.8999998 sec

MCREST 0.00000000 sec

MCWRK 0.01500000 sec

===== CHANNEL f1 =====

NUC1 13C

P1 12.00 usec

PL1 3.00 dB

SFO1 125.7627010 MHz

===== CHANNEL f2 =====

CPDPRG2 waltz16

NUC2 1H

PCPD2 100.00 usec

P2 1.00 dB

PL2 1.00 dB

PL3 22.50 dB

SFO2 500.020001 MHz

F2 - Processing parameters

SI 32768

SF 125.7100184 MHz

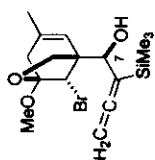
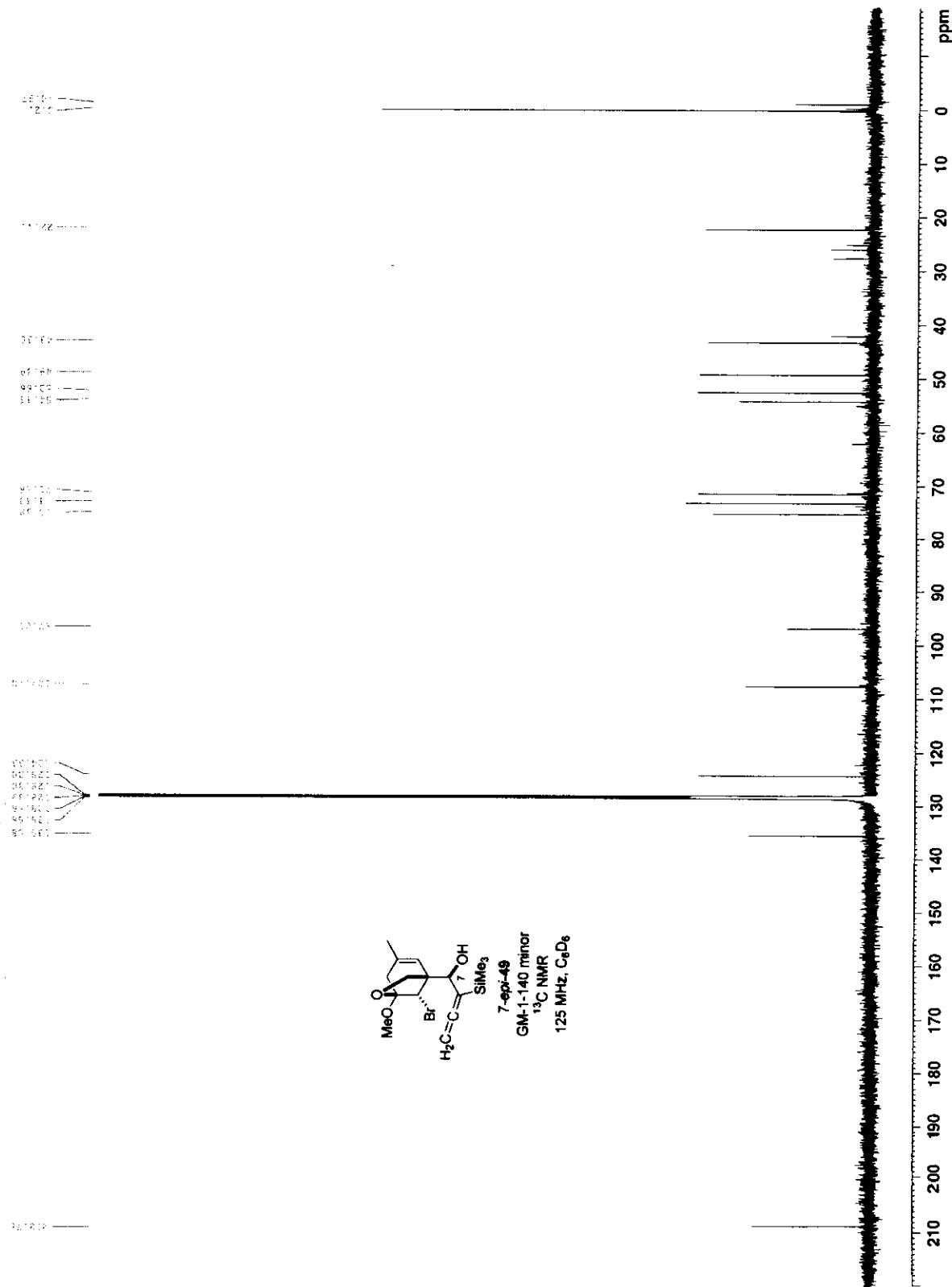
WDW EM

SSB 0

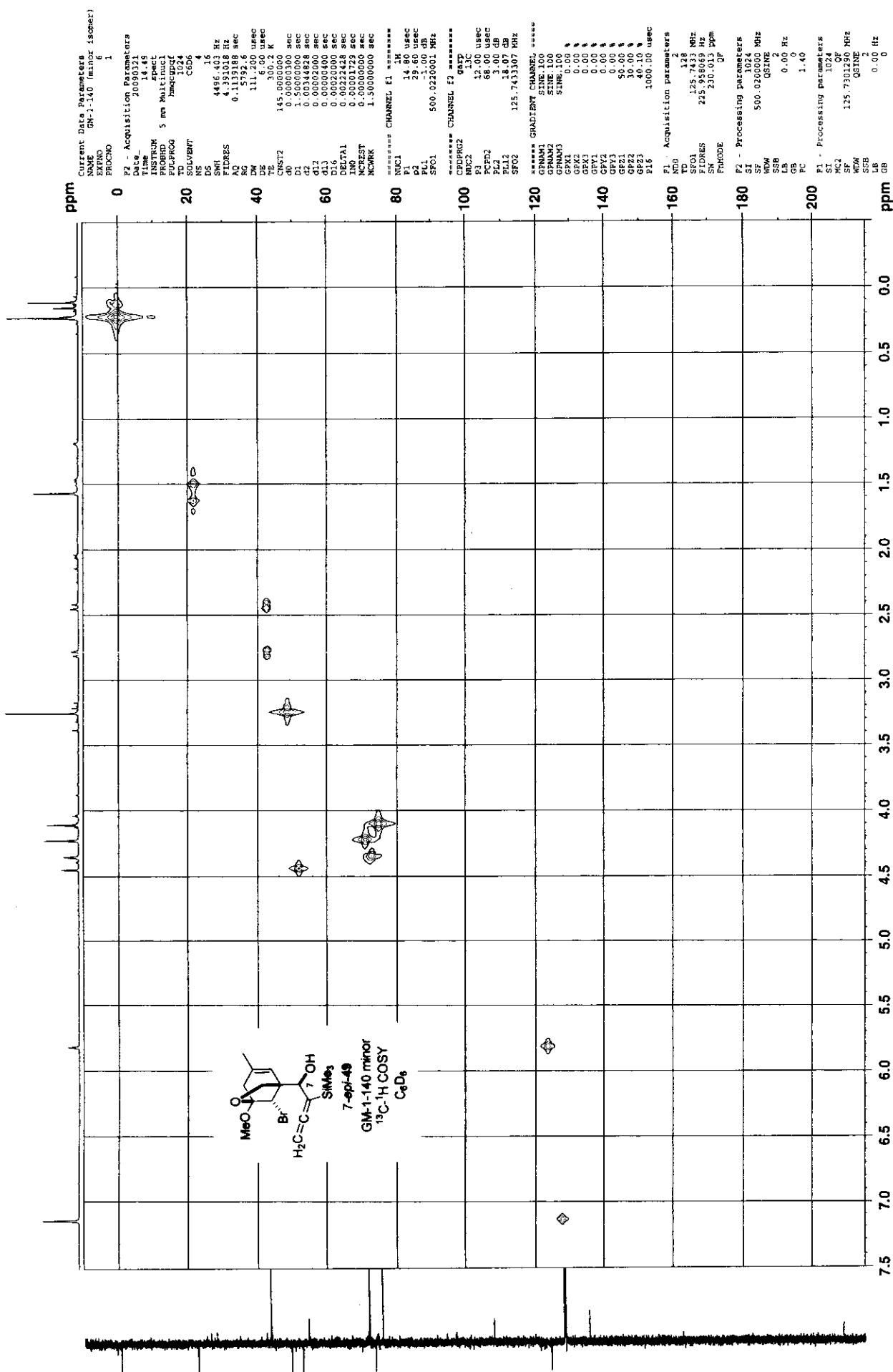
LR 1.00 Hz

GR 0

PC 1.40



GM-1-140 minor
13C NMR
125 MHz, C6D6



```
Current Data Parameters
NAME      GM-1-140 (MINOR 150
EXPNO     5
PROCNO    1
```

R2 - Acquisition Parameters
Date_ 20090321

```

date=
Time
INSTRUM
2009021
12.21
spect

```

```
PROBHD 5 nm Multinuc1
PULPROG cosyddpf
```

TD	2048
SOLVENT	C6D6
NAME	4

[illegible]

SWH	4496.403 HZ
FIDRES	2.195509 HZ
AQ	0.2277876 SEC

RG	143.7	sec
DW	111.200	μsec

DE	6.00 μ sec
TE	100.2 K

0.00000300 sec
1.48689198 sec
0.00000400 sec

DL3	0.00000400 sec
DL6	0.00020000 sec
IND	0.00022240 sec

INQ	0.0002240 sec
MCREST	0.0000000 sec
MCWRK	1.48689198 sec

===== CHANNEL f1 =====

NUC1	λ_H	14.80 usec
P0		

```
PL      14.80 usec
PL1     -1.00 dB
SE01    500 0000001 MW=
```

```

SFQ      500.0220001 MHz
===== GRADIENT CHANNEL =====

```

```
GPNAME1      SINE.100
GPNAME2      SINE.100
```

GPX1	0.00	%
GPX2	0.00	%

[illegible]

GP21	10.00 %
GP22	10.00 %
P16	1000.00 %

P16	1000.00	used
F1 - Acquisition Parameters		

TD	256
ND0	1

SFO1 500.022 MHz
FIDRES 17.564074 Hz

SW
FnMODE
8.992 ppm
QF

F2 - Processing parameters
1034

SI ID24
SF 500.0199948 MHz
WDW SINE

SSB
D
0.00 Hz

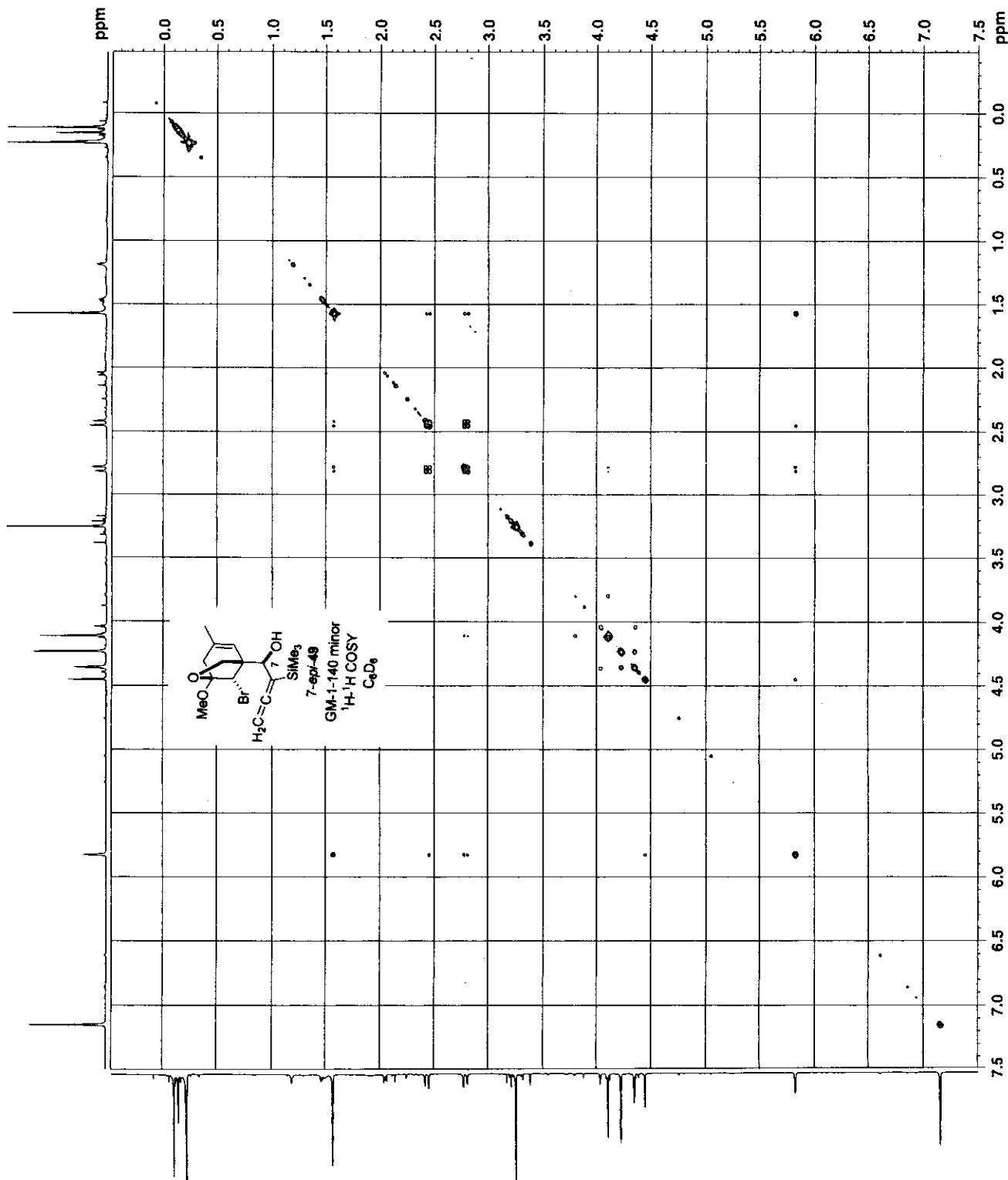
GB	D
PC	1.40

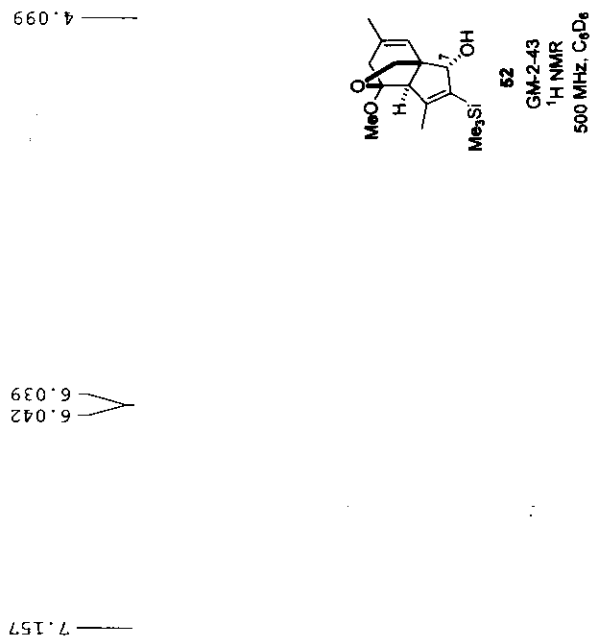
Fl - Processing parameters
1024

SI	1024
MC2	QF
GF	500 019994R MHZ

BT
MMW
SSB
SINE
D
000.0199948 MAR

GB	0
LB	0.00 Hz
GB	0



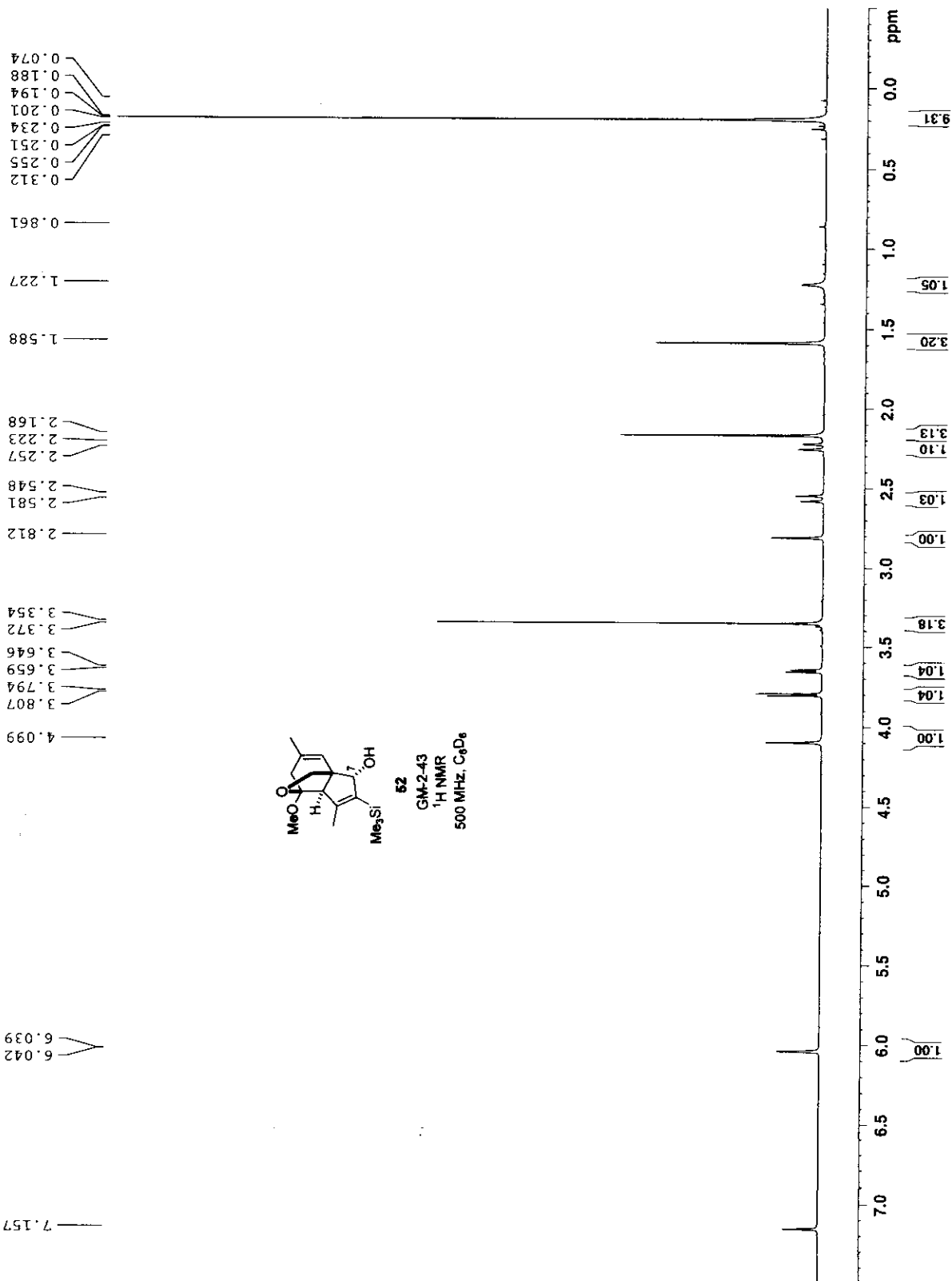


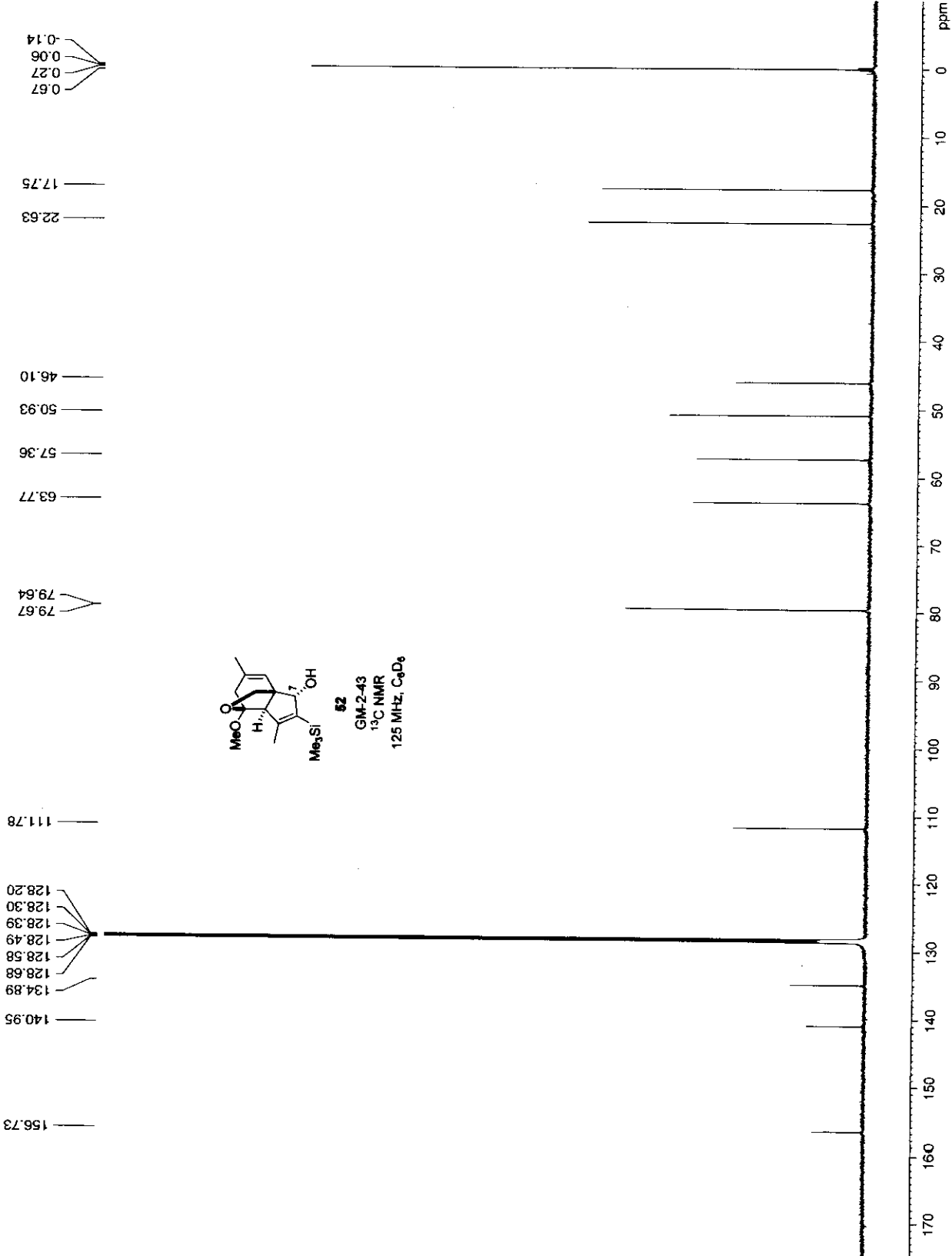
Current Data Parameters
NAME GM-2-43(B)
EXPNO 3
PROCNO 1

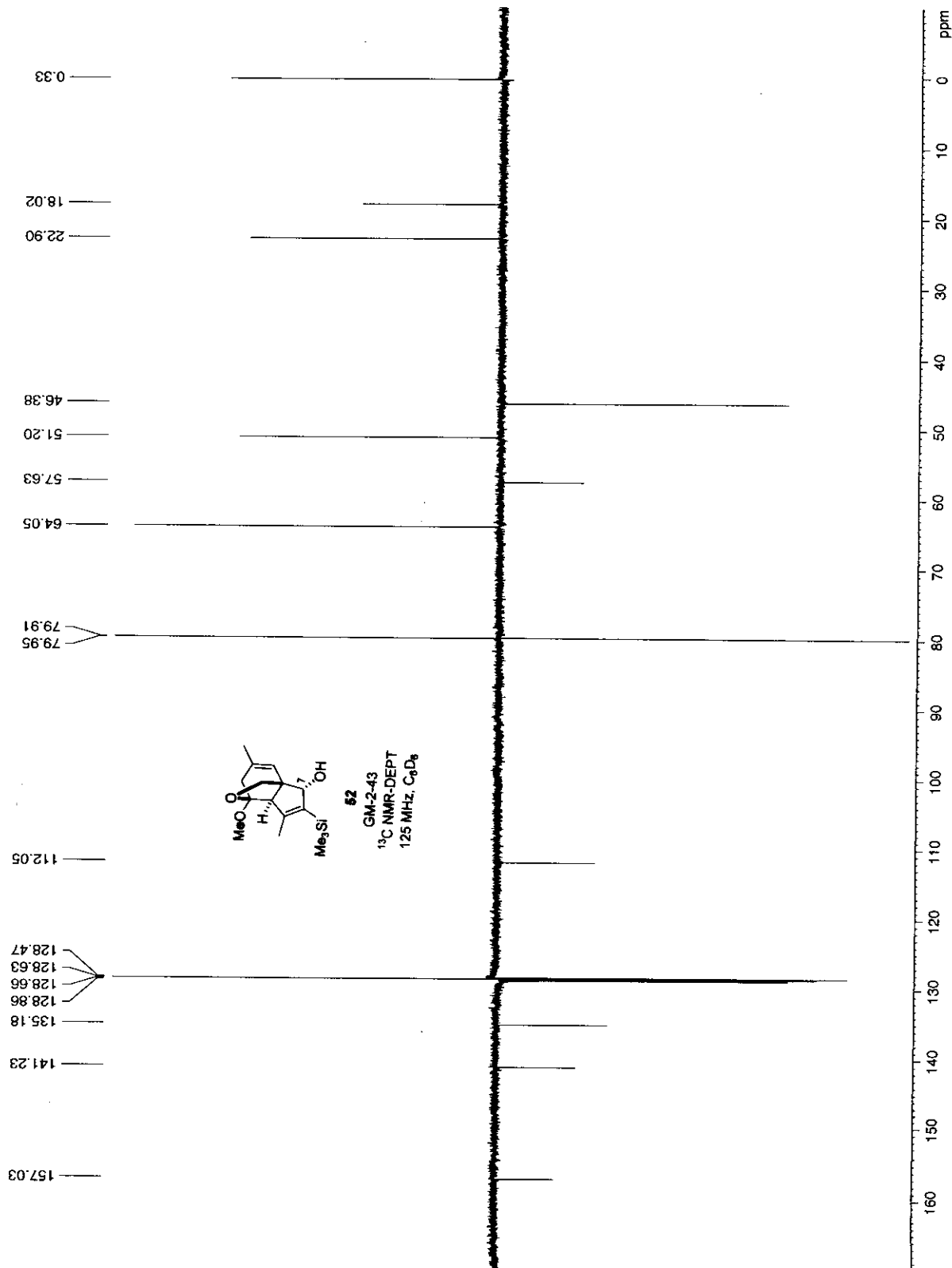
F2 - Acquisition Parameters
Date_ 20090410
Time 11:44
INSTRUM spect
PROBHD 5 mm Multispec
PULPROG zg30
TD 65536
SOLVENT C6D6
NS 16
DS 2
SWH 10310.576 Hz
FIDRES 0.157632 Hz
AQ 3.171923 sec
RG 35.9
DE 48.400 usec
TE 300.2 K
D1 1.00000000 sec
MCREST 0.00000000 sec
MCWRR 0.01500000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 14.00 usec
PL1 0.00 dB
SFO1 500.0230675 MHz

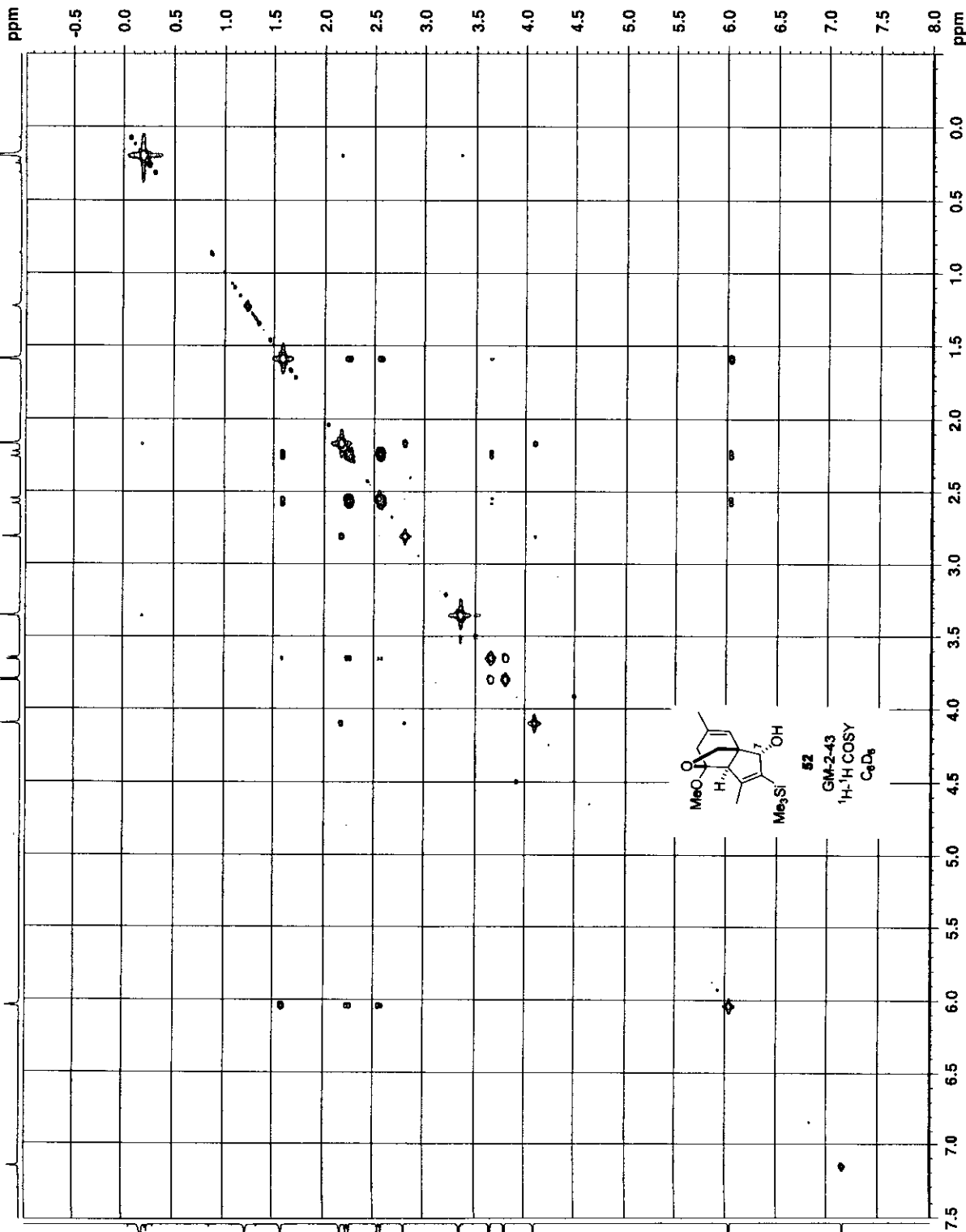
F2 - Processing parameters
SI 32768
SF 500.0199913 MHz
WDW EM
SSB 0
LB 0.0 Hz
GB 0
PC 1.00



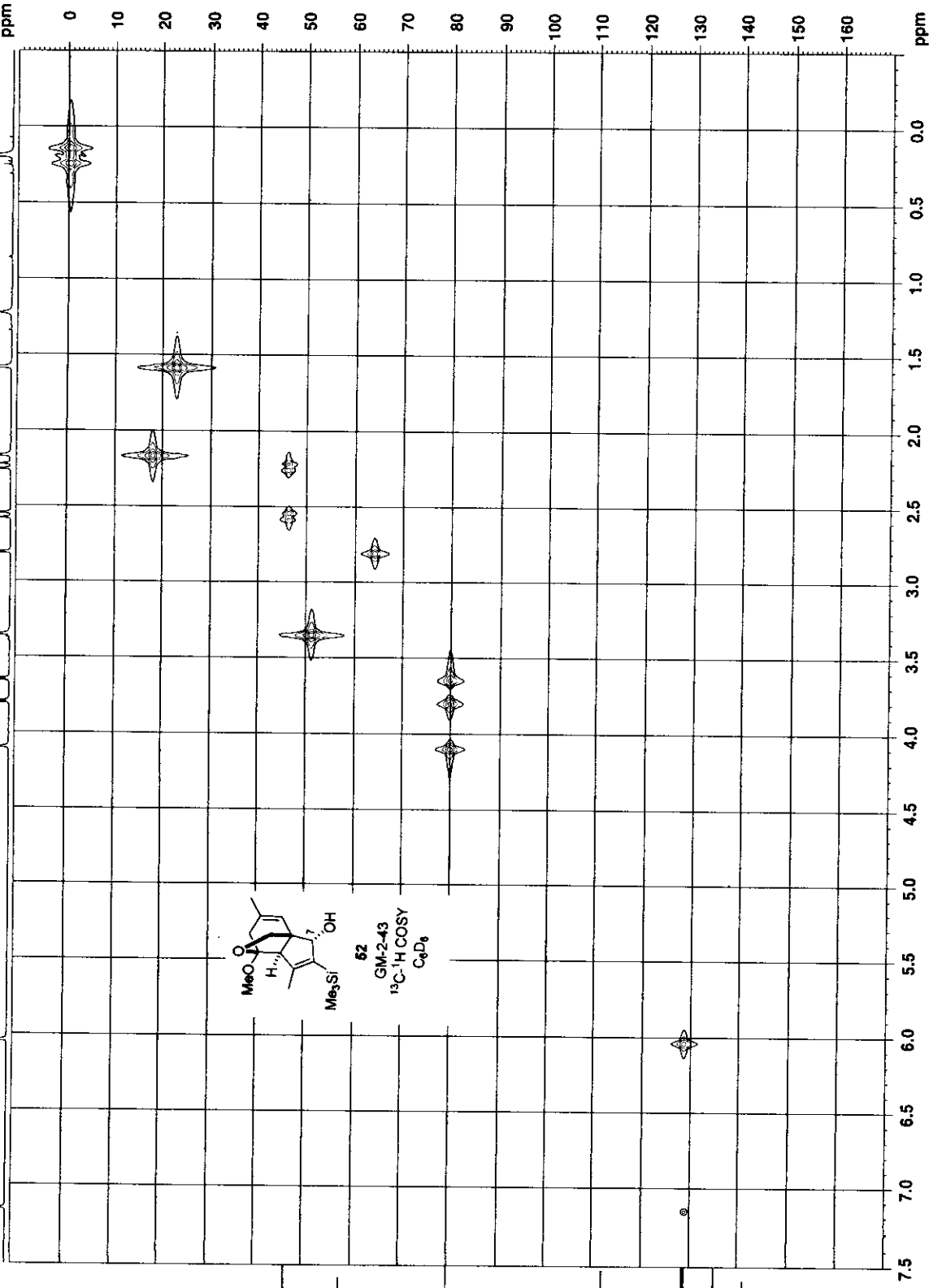




Current Data Parameters
 NAME GR-243(8)
 EXPNO 1
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20080410
 Time 13 59
 INSTRUM spect
 PROBHD 5 mm Multinucl
 PULPROG convpqi
 TD 2048
 SOLVENT DMSO
 NS 4
 DS 8
 SWH 4496.403 Hz
 FIDRES 2.115509 Hz
 AQ 0.227775 sec
 RG 64
 DW 111.200 usec
 DE 6.00 usec
 TE 300.2 K
 D1 0.0000100 sec
 D11 0.0000100 sec
 D13 0.0000400 sec
 D16 0.0002000 sec
 INO 0.0002000 sec
 MCREST 0.0002240 sec
 MCWAK 1.488919 sec
 ===== CHANNEL f1 =====
 NUC1 1H
 P1 14.80 usec
 PL 0.00 dB
 SF01 500.0217501 MHz
 ===== GRADIENT CHANNEL =====
 GRAM1 SINE.100
 GRAM2 SINE.100
 GX1 0.00 dB
 GX2 0.00 dB
 GPV1 0.00 dB
 GPV2 0.00 dB
 GZ1 10.00 dB
 GZ2 10.00 dB
 P12 1080.00 usec
 F1 - Acquisition Parameters
 ND0 1
 TD 256
 SFO1 500.0217501 MHz
 FIDRES 17.54407 Hz
 SW 8.992 ppm
 FMODE QF
 F2 - Processing Parameters
 SI 1024
 SF 500.0199919 MHz
 MDW SINE
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.40
 F1 - Processing Parameters
 SI 1024
 MC2 QF
 SF 500.0199919 MHz
 MDW SINE
 SSB 0
 LB 0.00 Hz
 GB 0



Current Data Parameters
 NAME GM-2-43
 PROCNO 1
 P2 - Acquisition Parameters
 Date_ 2009010
 Time_ 12:41
 INSTRUM spect
 PROBMOD 5 mm Multiauc1
 PULPROG zgpg30
 TD 65536
 SOLVENT DMSO
 NS 16
 DS 4
 SWH 4496.403 Hz
 FIDRES 0.191018 Hz
 AQ 0.1135502 sec
 RG 327.5
 DM 111.200 usec
 DE 8.00 usec
 TE 300.2 K
 CDEFT2 145.0000000
 D1 1.5000000 sec
 D11 0.0010000 sec
 D12 0.0002000 sec
 D16 0.0002000 sec
 DELTA1 0.0022448 sec
 DELTA2 0.0000000 sec
 MVECT 0.0000000 sec
 MVMX 1.5000000 sec
 ===== CHANNEL f1 =====
 NUC1 1H
 P1 14.80 usec
 PL1 0.00 dB
 SFO1 500.01501 MHz
 ===== CHANNEL f2 =====
 CDEFT2 125.7403 MHz
 P2 12.00 usec
 PL2 0.00 dB
 SFO2 125.740374 MHz
 ===== GRADIENT CHANNEL =====
 GPMAX2 SINE 100
 GPMIN2 SINE 100
 GPC2 6.00 V
 GPC3 0.00 V
 GPC4 0.00 V
 GPC5 0.00 V
 GPC6 0.00 V
 GPC7 0.00 V
 GPC8 0.00 V
 GPC9 0.00 V
 GPC10 0.00 V
 GPC11 0.00 V
 GPC12 0.00 V
 GPC13 0.00 V
 GPC14 0.00 V
 GPC15 0.00 V
 GPC16 40.10 V
 P1 - Acquisition parameters
 NUC1 13C
 SFO1 125.7403 MHz
 FIDRES 176.853424 Hz
 AQ 0.1135502 sec
 RG 327.5
 DM 111.200 usec
 DE 8.00 usec
 TE 300.2 K
 CDEFT2 145.0000000
 D1 1.5000000 sec
 D11 0.0010000 sec
 D12 0.0002000 sec
 D16 0.0002000 sec
 DELTA1 0.0022448 sec
 DELTA2 0.0000000 sec
 MVECT 0.0000000 sec
 MVMX 1.5000000 sec
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 14.80 usec
 PL1 0.00 dB
 SFO1 125.7403 MHz
 ===== CHANNEL f2 =====
 CDEFT2 125.7403 MHz
 P2 12.00 usec
 PL2 0.00 dB
 SFO2 125.740374 MHz
 ===== GRADIENT CHANNEL =====
 GPMAX2 SINE 100
 GPMIN2 SINE 100
 GPC2 6.00 V
 GPC3 0.00 V
 GPC4 0.00 V
 GPC5 0.00 V
 GPC6 0.00 V
 GPC7 0.00 V
 GPC8 0.00 V
 GPC9 0.00 V
 GPC10 0.00 V
 GPC11 0.00 V
 GPC12 0.00 V
 GPC13 0.00 V
 GPC14 0.00 V
 GPC15 0.00 V
 GPC16 40.10 V
 P1 - Acquisition parameters
 NUC1 13C
 SFO1 125.7403 MHz
 FIDRES 176.853424 Hz
 AQ 0.1135502 sec
 RG 327.5
 DM 111.200 usec
 DE 8.00 usec
 TE 300.2 K
 CDEFT2 145.0000000
 D1 1.5000000 sec
 D11 0.0010000 sec
 D12 0.0002000 sec
 D16 0.0002000 sec
 DELTA1 0.0022448 sec
 DELTA2 0.0000000 sec
 MVECT 0.0000000 sec
 MVMX 1.5000000 sec
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 14.80 usec
 PL1 0.00 dB
 SFO1 125.7403 MHz
 ===== CHANNEL f2 =====
 CDEFT2 125.7403 MHz
 P2 12.00 usec
 PL2 0.00 dB
 SFO2 125.740374 MHz
 ===== GRADIENT CHANNEL =====
 GPMAX2 SINE 100
 GPMIN2 SINE 100
 GPC2 6.00 V
 GPC3 0.00 V
 GPC4 0.00 V
 GPC5 0.00 V
 GPC6 0.00 V
 GPC7 0.00 V
 GPC8 0.00 V
 GPC9 0.00 V
 GPC10 0.00 V
 GPC11 0.00 V
 GPC12 0.00 V
 GPC13 0.00 V
 GPC14 0.00 V
 GPC15 0.00 V
 GPC16 40.10 V
 P1 - Acquisition parameters
 NUC1 13C
 SFO1 125.7403 MHz
 FIDRES 176.853424 Hz
 AQ 0.1135502 sec
 RG 327.5
 DM 111.200 usec
 DE 8.00 usec
 TE 300.2 K
 CDEFT2 145.0000000
 D1 1.5000000 sec
 D11 0.0010000 sec
 D12 0.0002000 sec
 D16 0.0002000 sec
 DELTA1 0.0022448 sec
 DELTA2 0.0000000 sec
 MVECT 0.0000000 sec
 MVMX 1.5000000 sec

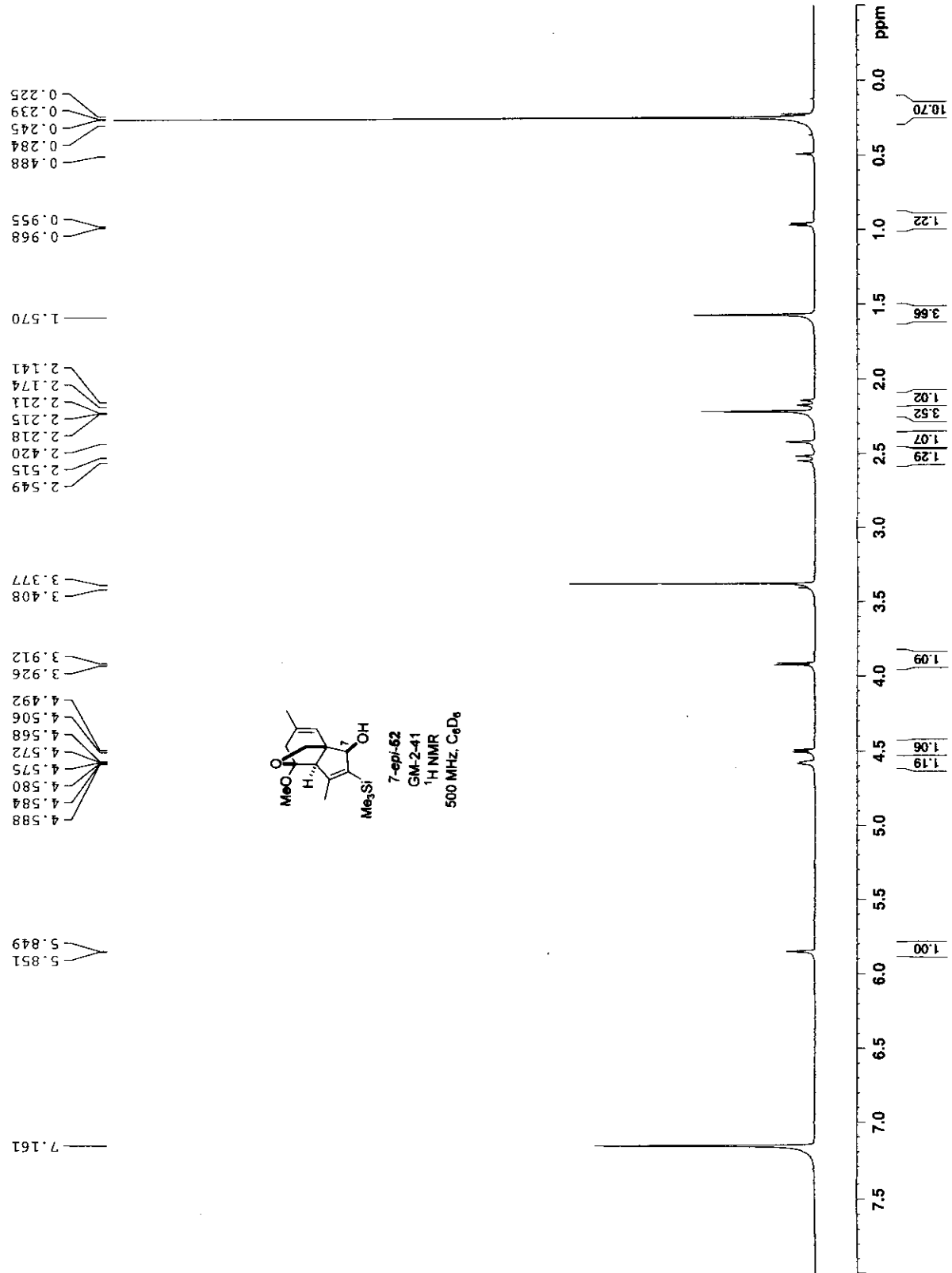


Current Data Parameters
 NAME GM-2-41
 EXPNO 1
 PROCNO 1

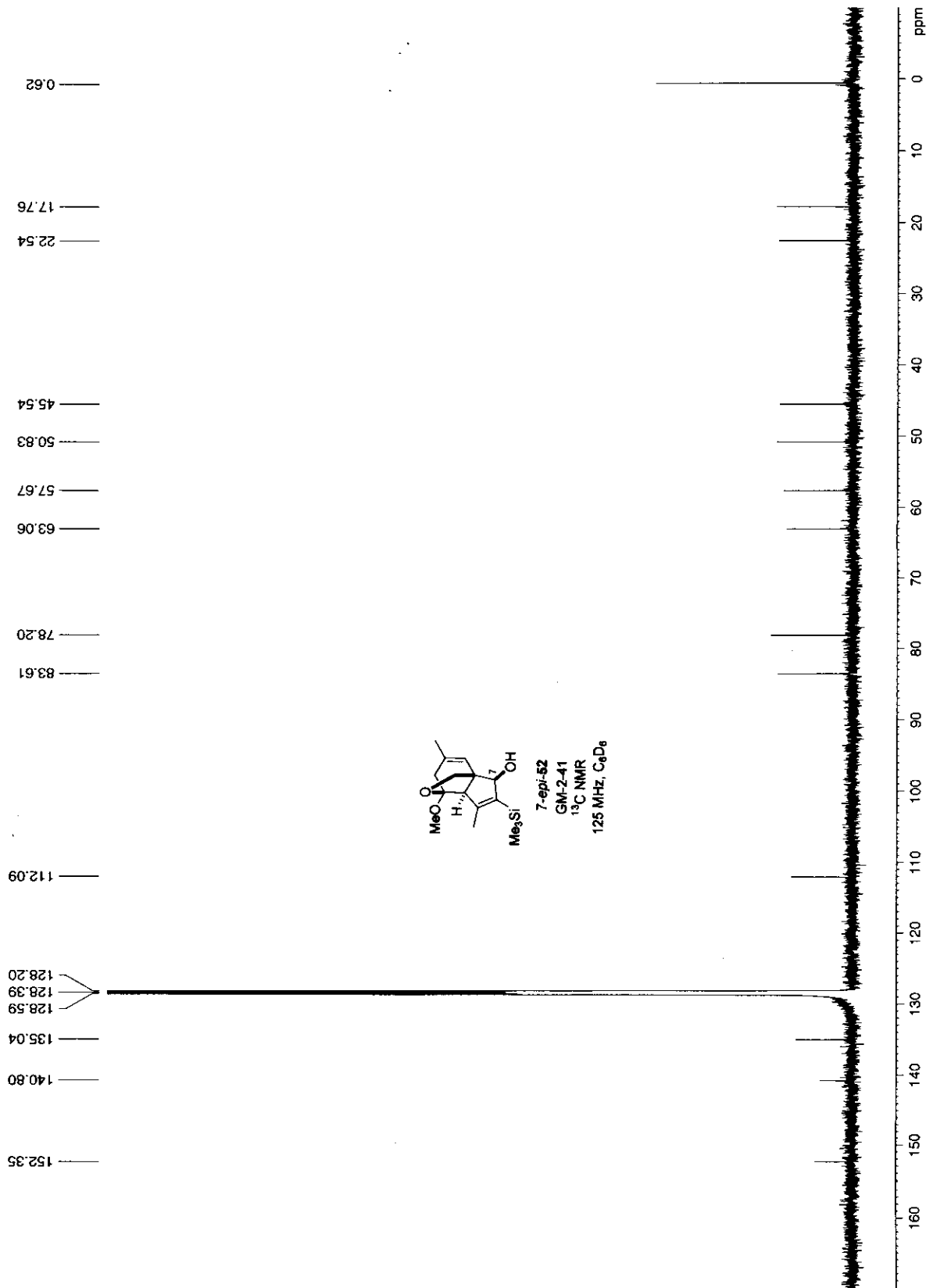
F2 - Acquisition Parameters
 Date_ 20090505
 Time 18.17
 INSTRUM spect
 PROBHD 5 mm Multinucl
 PULPROG zgpg30
 SFO1 500.130678 MHz
 SOLVENT CDCl3
 NS 16
 DS 2
 SWH 10330.578 Hz
 FIDRES 0.157632 Hz
 AQ 3.171923 sec
 RG 287.4
 DW 48.400 usec
 DE 6.00 usec
 TE 300.2 K
 D1 1.00000000 sec
 MCREST 0.00000000 sec
 MCWRR 0.01500000 sec

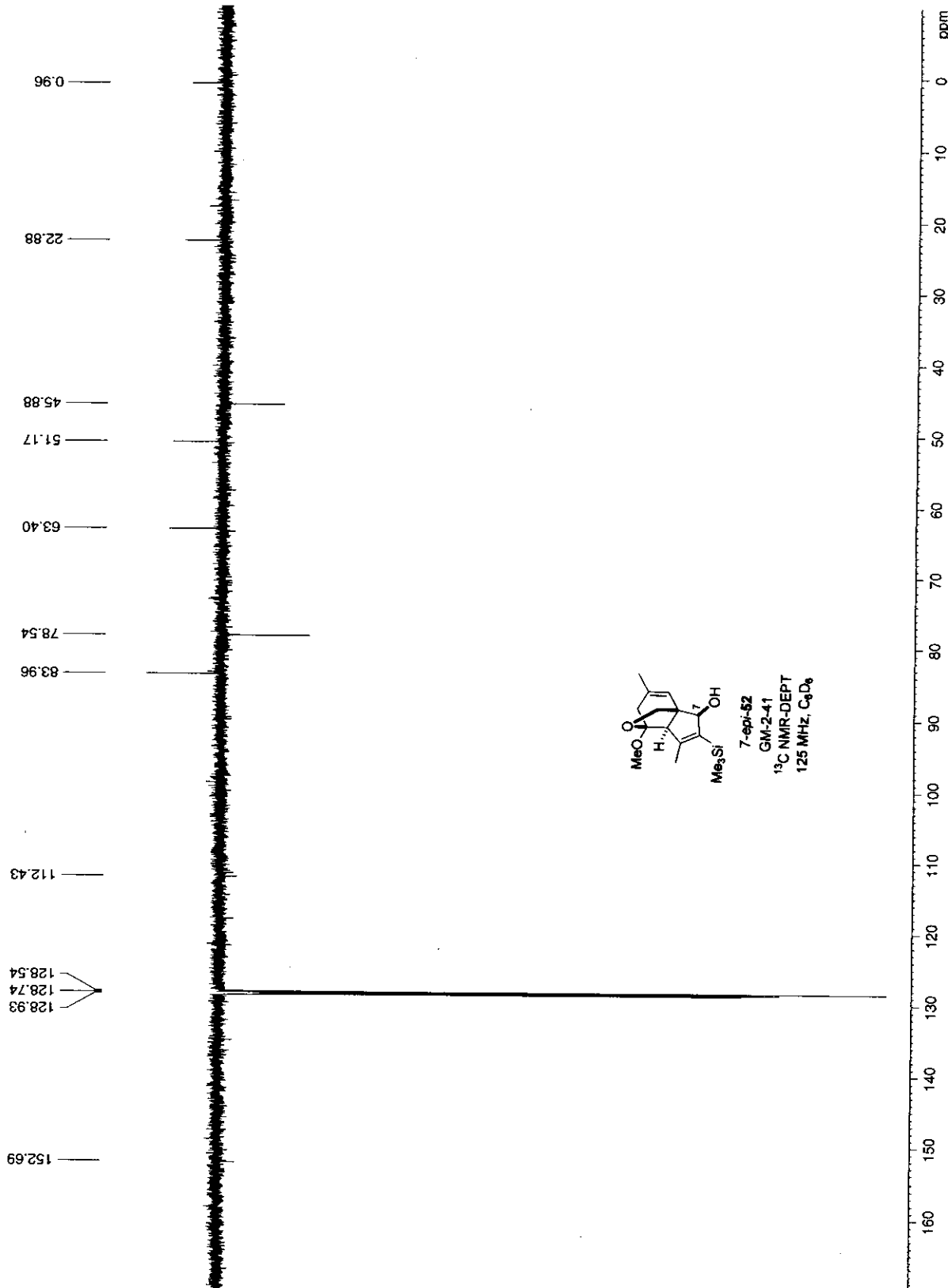
===== CHANNEL f1 =====
 NUC1 1H
 P1 14.80 usec
 PL1 -1.00 dB
 SFO1 500.0236878 MHz

F2 - Processing parameters
 SI 32768
 SF 500.020547 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00



Current Data Parameters
 NAME GM-2-41
 EXPNO 2
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20090505
 Time 18.33
 INSTRUM spect
 PROBD 5 mm Multinucl
 PULPROG zgpg30
 TD 65536
 SOLVENT C6D6
 NS 373
 DS 4
 SWH 30030.022 Hz
 FIDRES 0.458224 Hz
 AQ 1.091224 sec
 RG 3251
 DW 16.650 usec
 DE 12.00 usec
 TE 300.2 K
 D1 2.0000000 sec
 d11 0.0300000 sec
 DELTA 1.8999998 sec
 MCREST 0.0000000 sec
 MCWRR 0.0150000 sec
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 12.00 usec
 PL1 3.00 dB
 SFO1 125.7427020 MHz
 ===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 100.00 usec
 PL2 -1.00 dB
 PL3 23.25 dB
 PL4 23.25 dB
 SFO2 500.0226001 MHz
 F2 - Processing parameters
 SI 32768
 SF 125.7300549 MHz
 WDW EM
 SSB 0
 LB 0
 GB 0
 PC 1.00





```

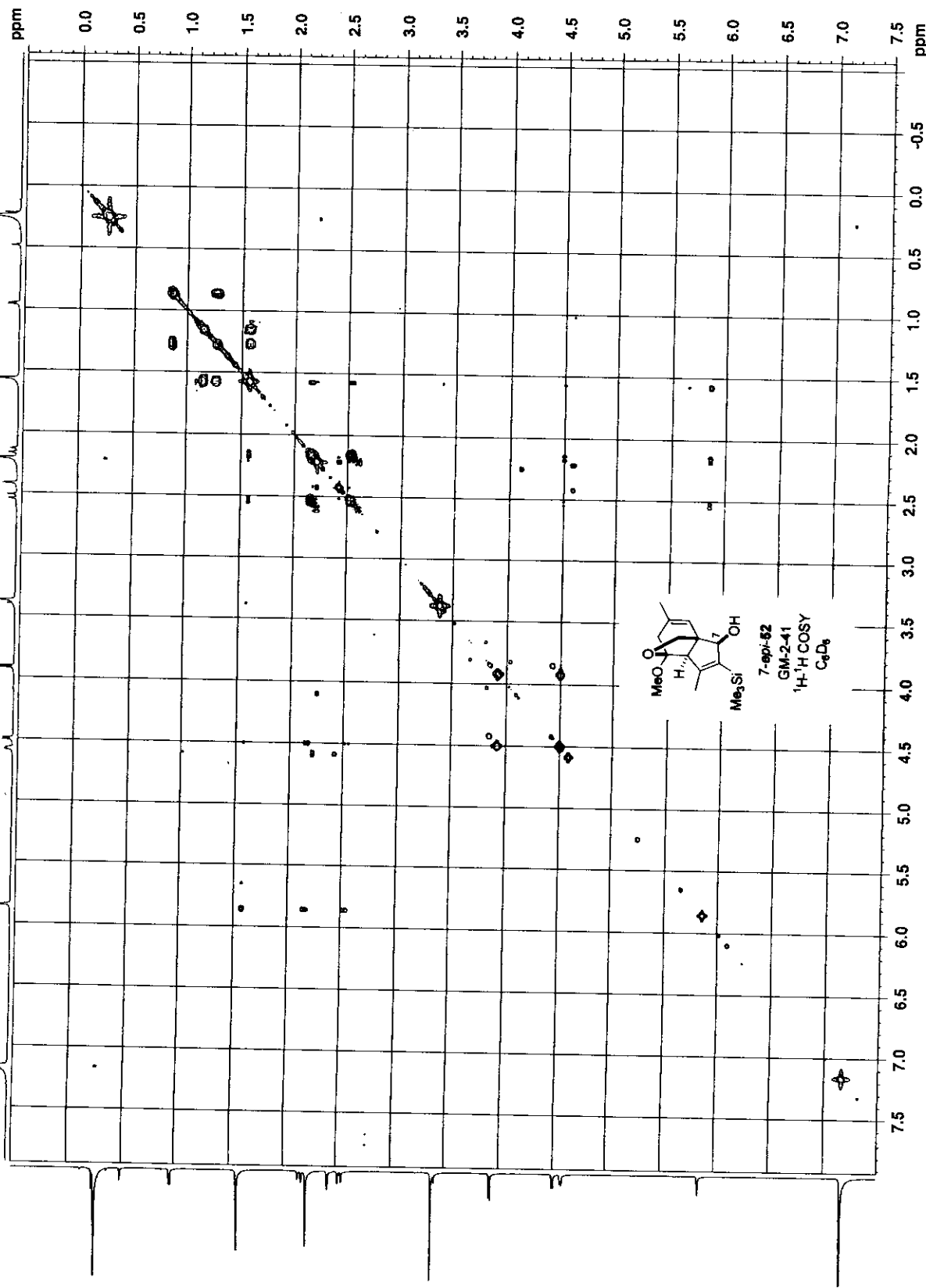
Current Data Parameters
NAME      GM-2-41
EXPNO     3
PROCNO    1

F2 - Acquisition Parameters
Date_     20050505
Time      18.52
INSTRUM   spect
PROBHD    5 mm Multinuc1
PULPROG   jmod
TD         65536
SOLVENT   CDCl3
NS         256
DS         4
SWH        30030.029 Hz
FIDRES     0.458222 Hz
AQ         1.0912244 sec
RG         11585.2
DM         16.850 usec
DE         6.00 usec
TE         300.2 K
CNCY2      145.000000
CNCY1      120.000000
D1         2.0000000 sec
d20        0.00689655 sec
DELTA      0.0001528 sec
MCREST     0.0000000 sec
MCWRK      0.01500000 sec

===== CHANNEL f1 =====
NUC1       13C
P1         12.00 usec
P2         24.00 usec
PL1        3.00 dB
SFO1       125.7427020 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       1H
P1         100.00 usec
P2         1.00 dB
PL2        15.39 dB
SFO2       500.0220001 MHz

F2 - Processing parameters
SI         32768
SF         125.7300118 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40
  
```



Current Data Parameters
 NAME GM-2-41
 EXPNO 6
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20090525
 Time 14.00
 INSTRUM spect
 PROBHD 5 mm Multinucl
 PULPROG cosygpgf
 TD 65536
 SOLVENT DMSO
 NS 4
 DS 8
 SWH 4496.403 Hz
 FIDRES 2.195509 Hz
 AQ 0.2277876 sec
 RG 456.1
 DW 111.200 usec
 DE 6.00 usec
 TE 300.2 K
 D1 0.0030000 sec
 d11 1.4869300 sec
 d13 0.0000000 sec
 D16 0.0000000 sec
 INO 0.0002000 sec
 IN0 0.0002240 sec
 MCREST 0.0000000 sec
 MCWRK 1.48689198 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.80 usec
 PL1 14.80 usec
 SFO1 500.0217501 MHz

===== GRADIENT CHANNEL =====
 GPMAM1 SINE.100
 GPMAM2 SINE.100
 GPX1 0.00 %
 GPX2 0.00 %
 GPY1 0.00 %
 GPY2 0.00 %
 GPZ1 10.00 %
 GPZ2 10.00 %
 P16 1000.00 usec

F1 - Acquisition parameters
 ND0 1
 TD 256
 SFO1 500.0218 MHz
 FIDRES 17.564074 Hz
 SW 8.992 ppm
 FWHM 0.7

F2 - Processing parameters
 SI 1024
 SF 500.0200000 MHz
 WDW SINE
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.40

F1 - Processing parameters
 SI 1024
 SF 500.0200000 MHz
 WDW SINE
 SSB 0
 LB 0.00 Hz
 GB 0

