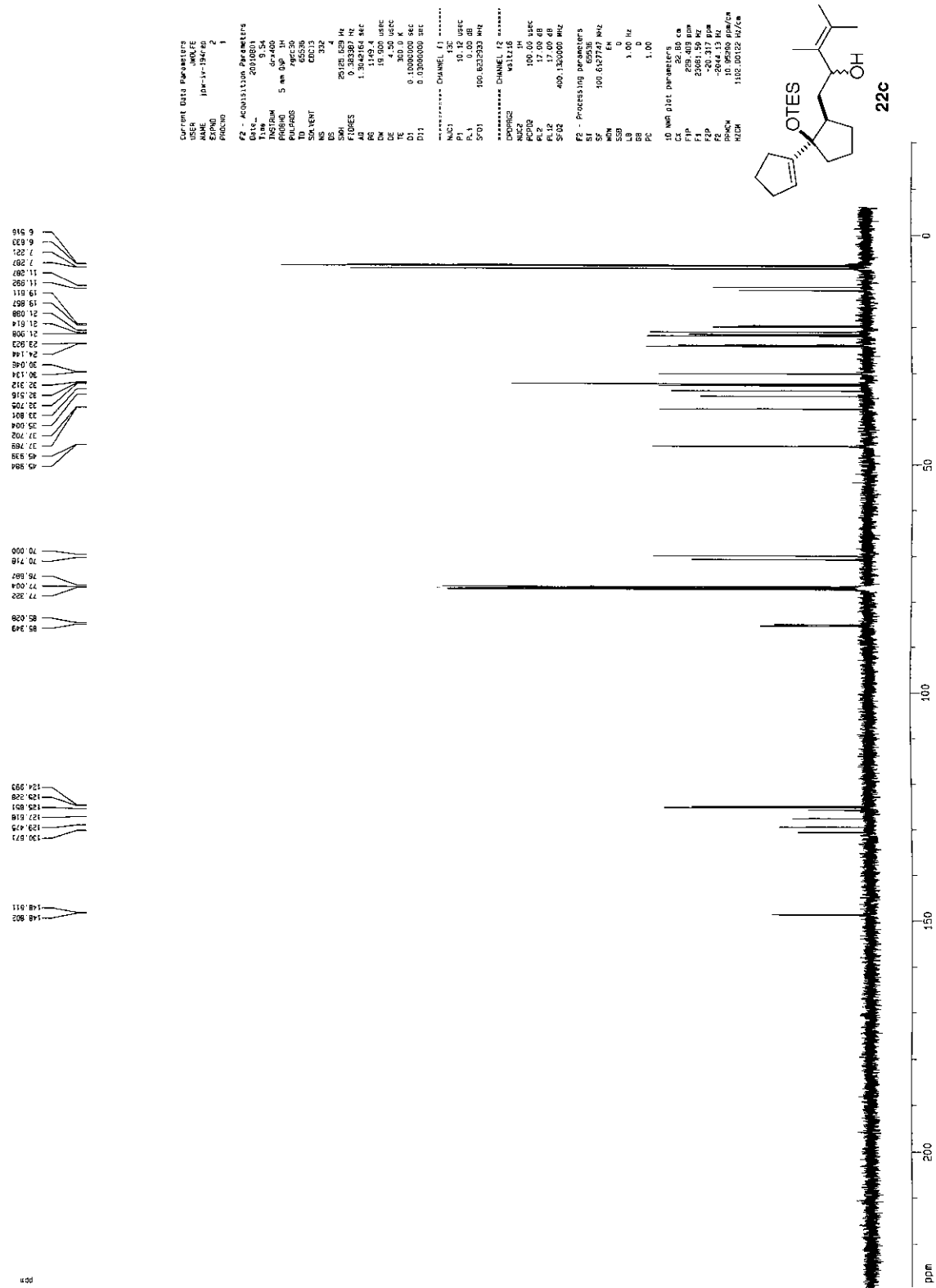
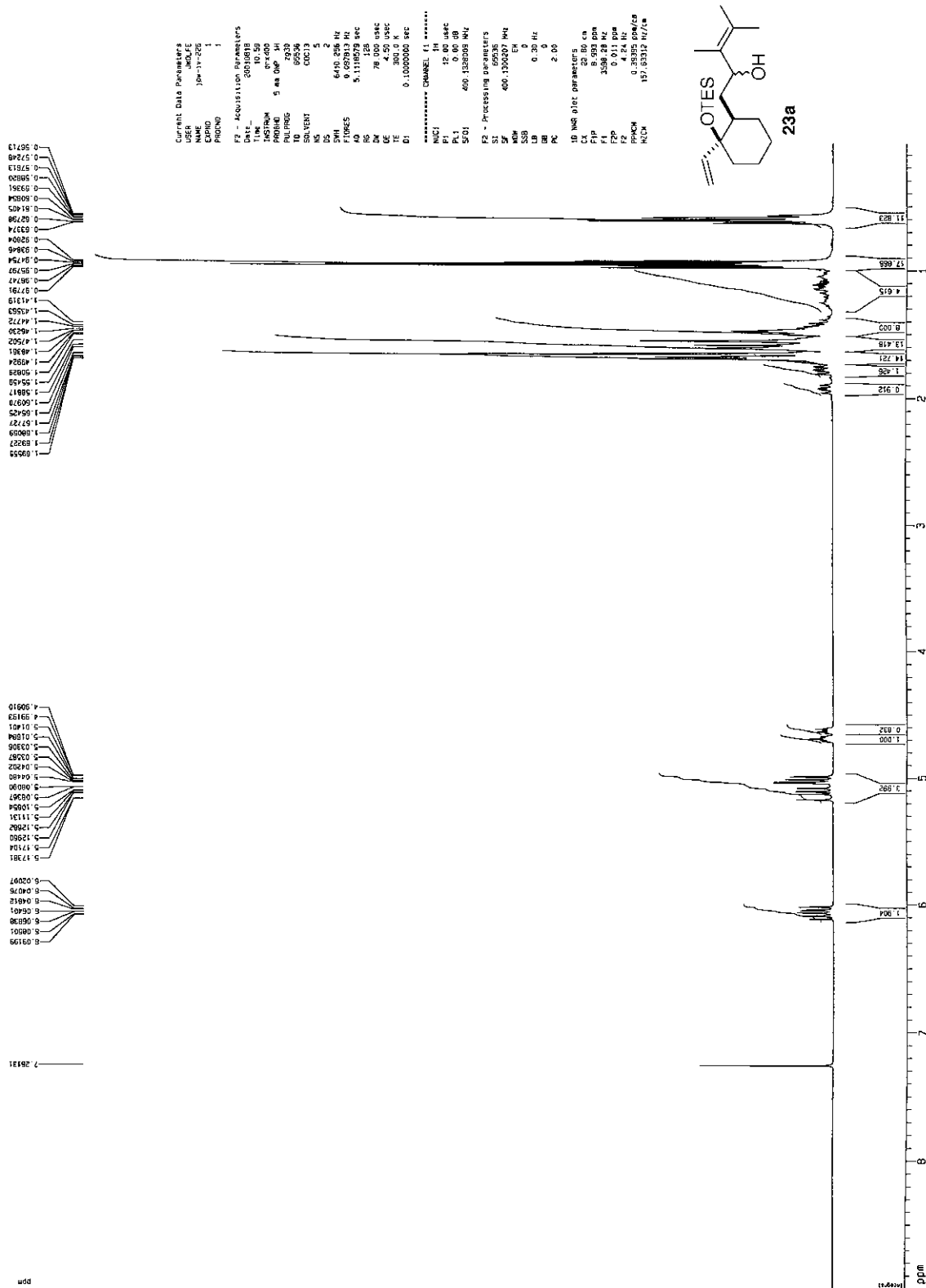
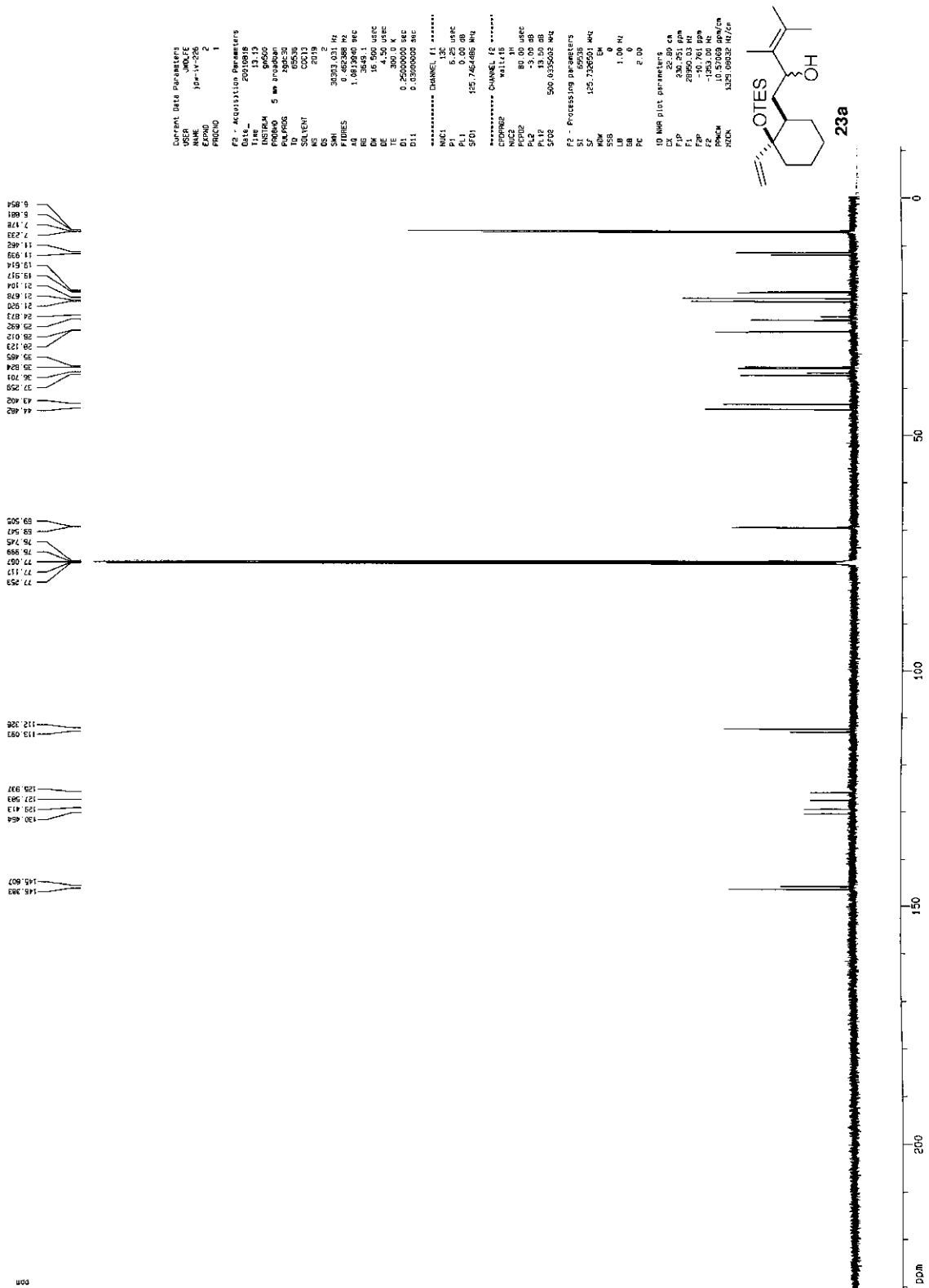


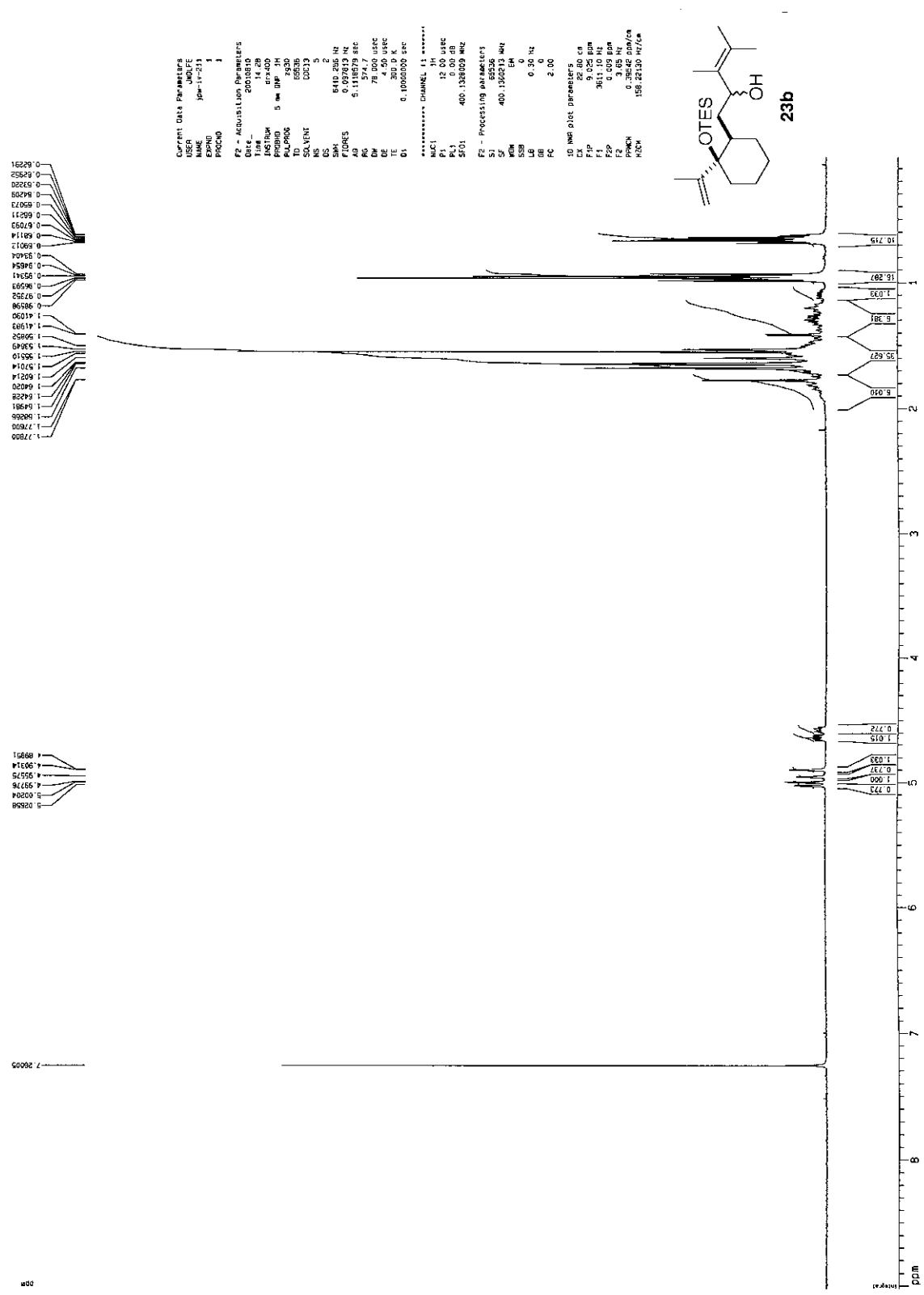
¹³C spectrum with ¹H decoupling



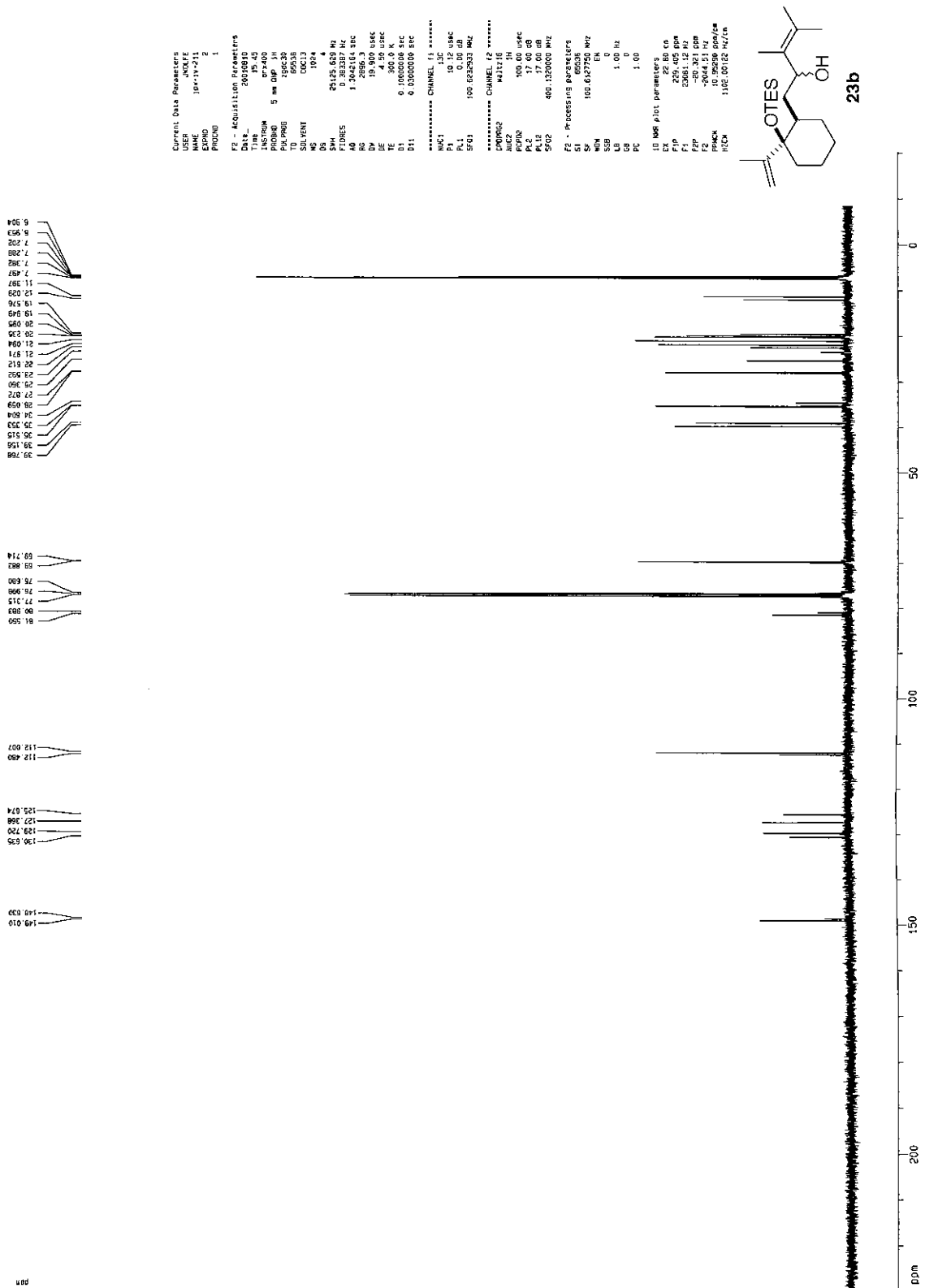


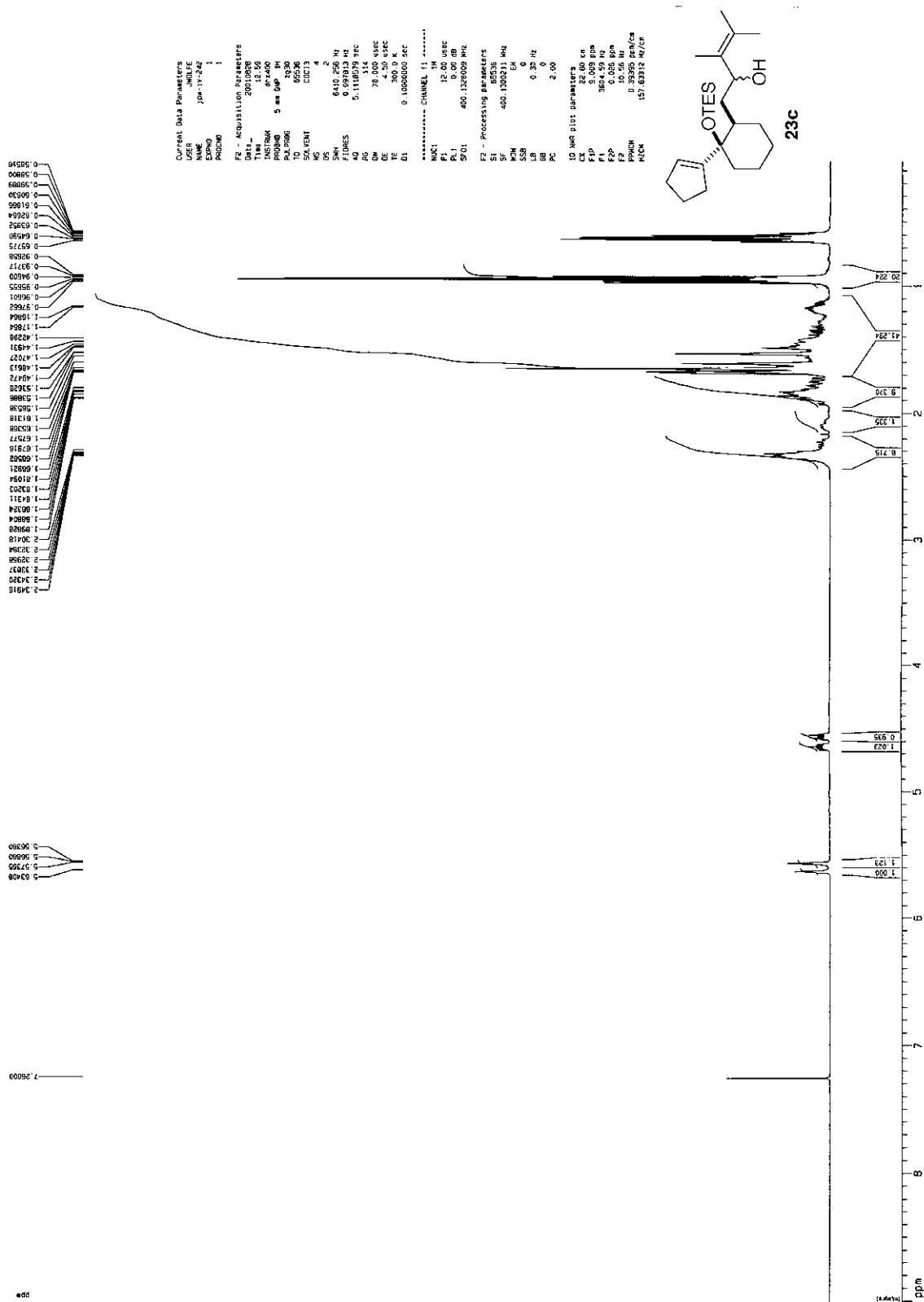
¹³C spectrum with ¹H decoupling



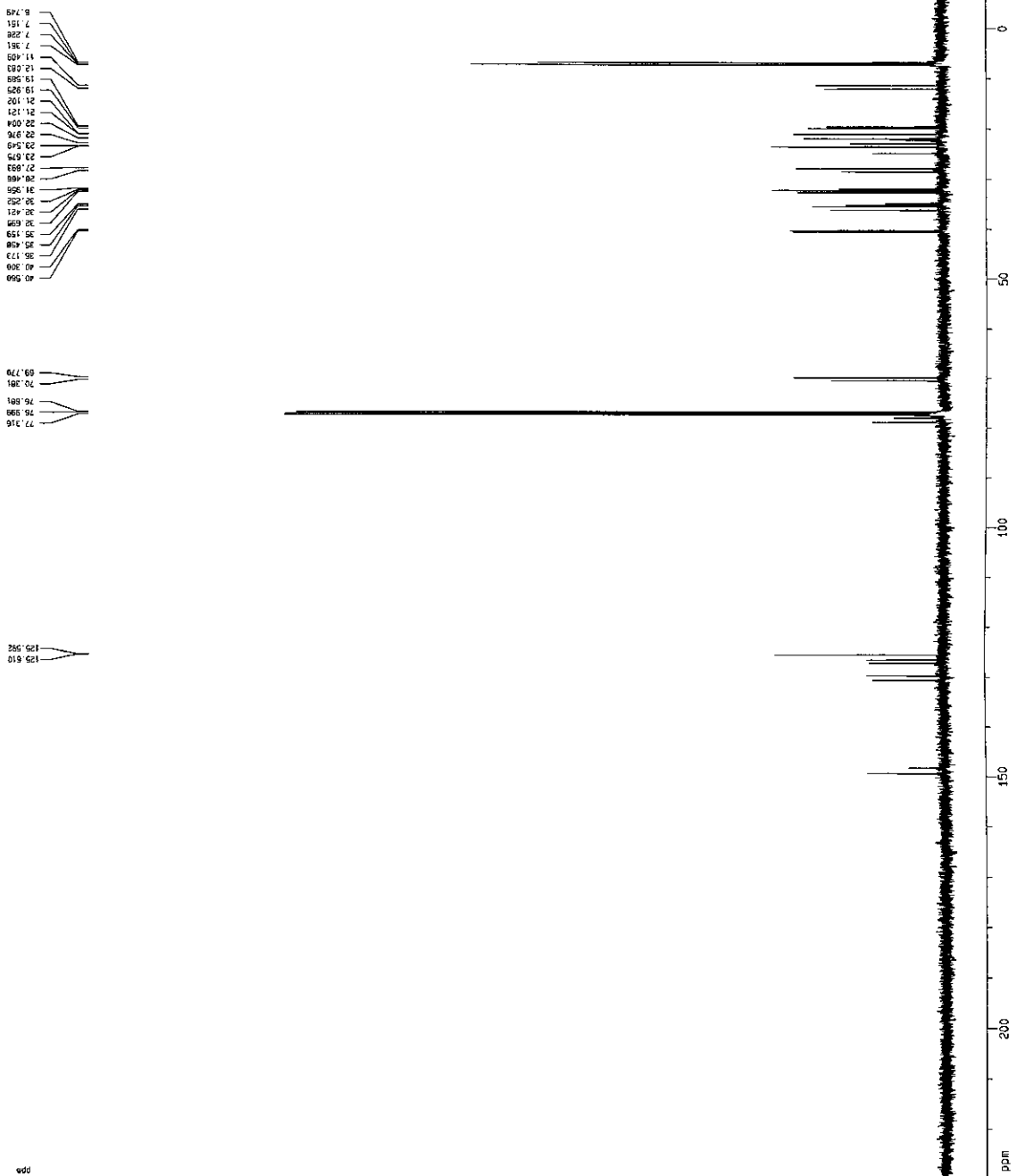


¹³C spectrum with ¹H decoupling





¹³C spectrum with ¹H decoupling



Current Data Parameters
 USER JADLFE
 JLABOR 104-11-2012
 EXNO 2
 PROCNO 1

Acquisition Parameters
 Date 20120828
 Time 13.03
 INSTRUM cryo400
 CHANNEL1 400 MHz CPDPR02
 PULPROG zgpg30
 TO 59535
 SOLVENT DMSO
 DS 1000
 SC 1000
 SH 26125.620 Hz
 FIDRES 0.383387 Hz
 AQ 1.304216 sec
 RG 655
 DD 19.200 usec
 DE 4.50 usec
 ZG 300.0 K
 ZD 0.000000 sec
 D11 0.0300000 sec

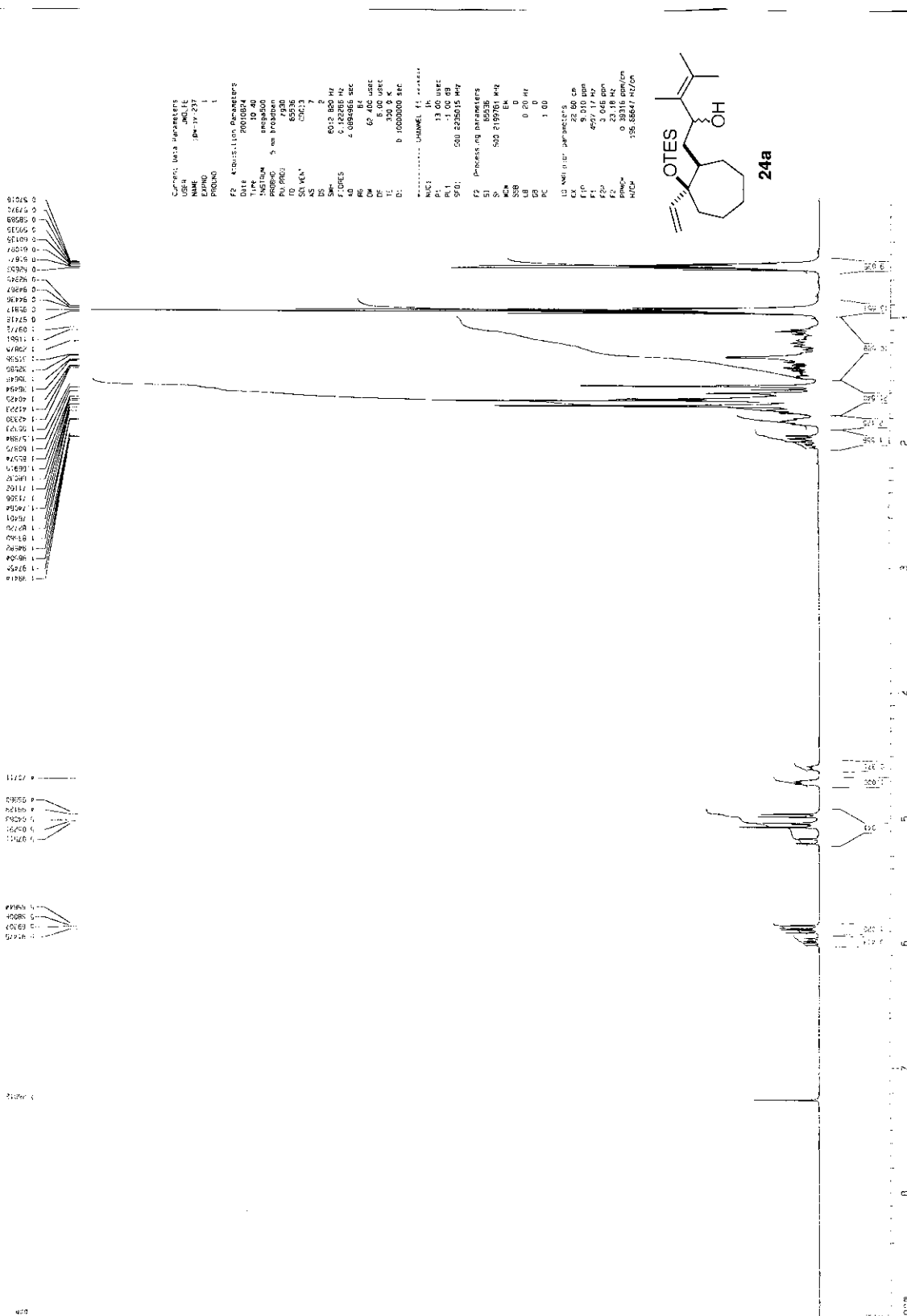
===== CHANNEL 1 =====
 NU1 1
 P1 10.12 usec
 PL1 0.00 dB
 SFO1 100.626731 MHz

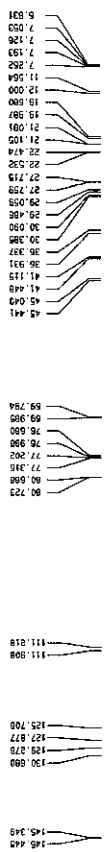
===== CHANNEL 2 =====
 CPDPR02 w11z16
 NU2 1
 P2 100.00 usec
 PL2 0.00 dB
 SFO2 400.1326000 MHz

F2 - Processing parameters
 SI 65536
 SF 100.626731 MHz
 DS 1000
 SSF 0
 LB 1.00 Hz
 GB 0
 PC 1.00

10 NMR 0101 parameters
 C1 20.00 usec
 PC1 0.00 dB
 F1 200.000 MHz
 F2 200.000 MHz
 F3 200.000 MHz
 F4 200.000 MHz
 F5 200.000 MHz
 F6 200.000 MHz
 F7 200.000 MHz
 F8 200.000 MHz
 F9 200.000 MHz
 F10 200.000 MHz

¹H spectrum





Current Data Parameters
USER JML/FE
NAME 18-11-237
PROCNO 1
PRTNO 1

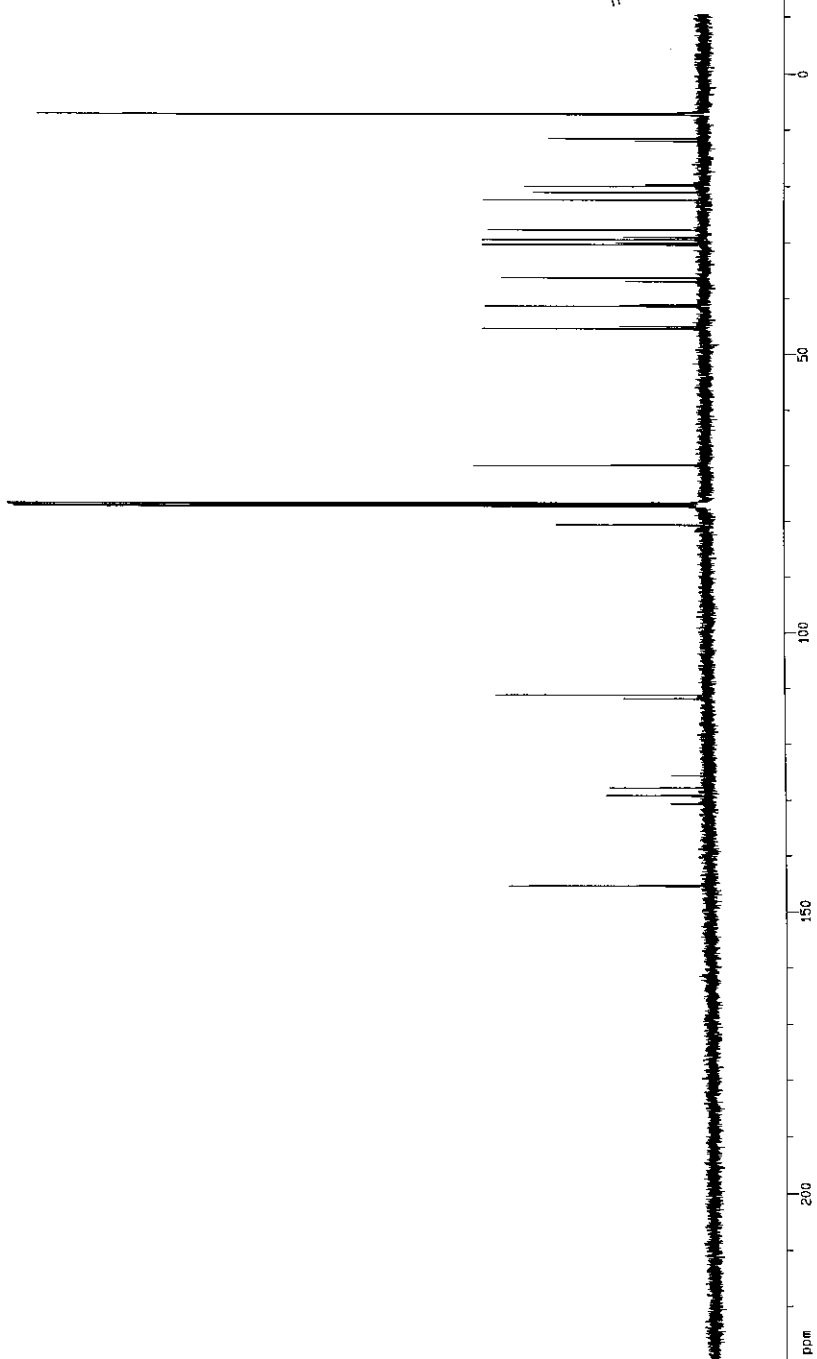
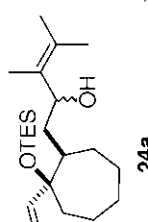
F2 - Acquisition Parameters
Date_ 20100821
Time 11:47
INSTRUM grx400
PROBHD 5 mm DRG-31
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 669
DS 2
SWH 29125.020 MHz
FIDRES 0.38987 Hz
AQ 1.3042164 SEC
RG 327.5
BW 18.900 MHz
DE 4.50 Usec
TE 300.0 K
D1 0.10000000 SEC
D11 0.10000000 SEC

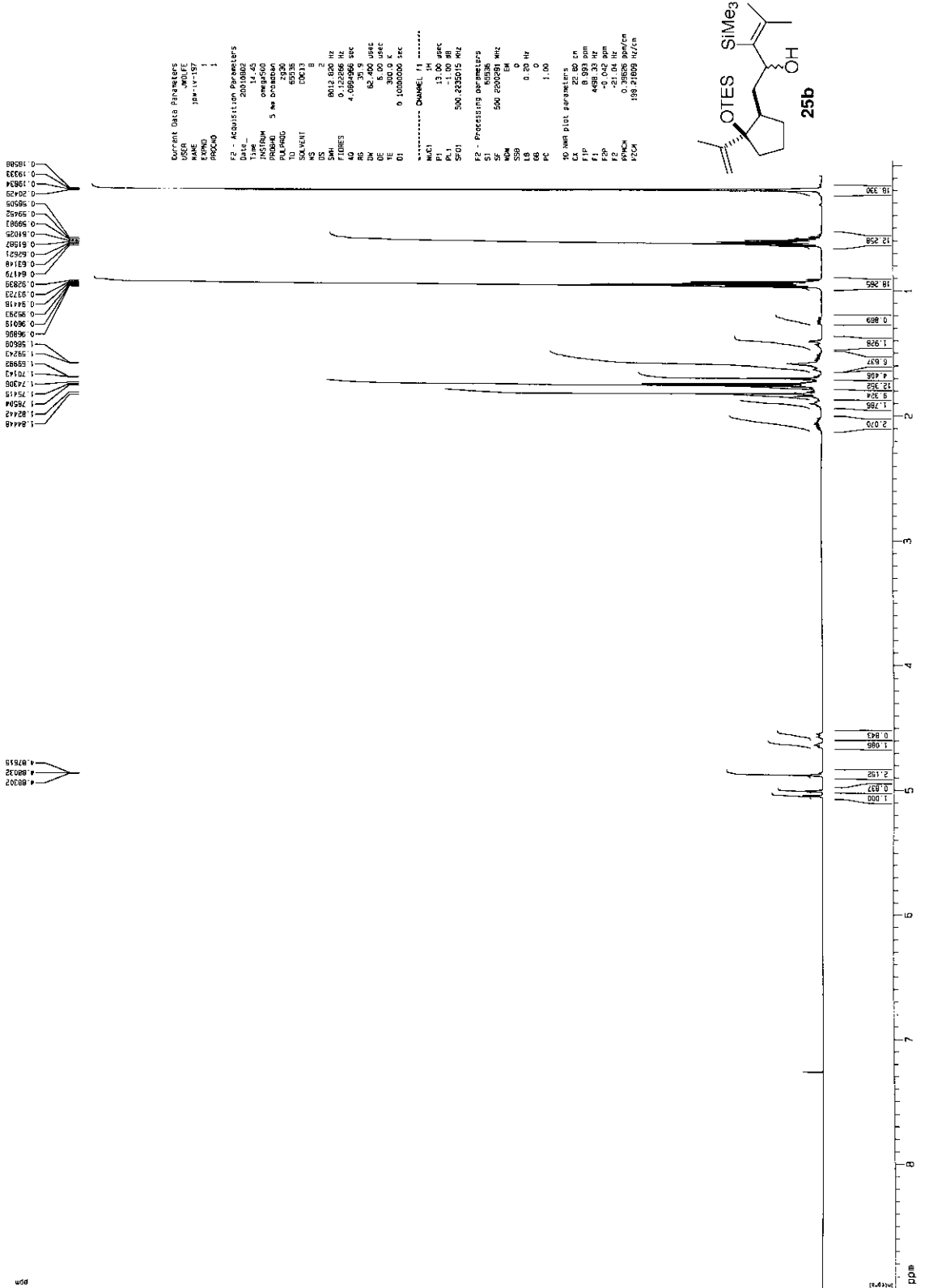
***** CHANNEL f1 *****
NUC1 13C
P1 16.00 Usec
PL1 0.00 dB
SFO1 100.626263 MHz

***** CHANNEL f2 *****
COPROG2 waltz16
NUC2 1H
P2 10.00 Usec
PL2 0.00 dB
PC12 17.00 dB
SFO2 400.152000 MHz

F2 - Processing parameters
SI 65536
SF 100.6187731 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.00

ID NH1 plot parameters
C1 22.80 cm
F1 2000.00 Hz
F2 -20.301 ppm
P1 2042.69 Hz
P2 10.9580 Hz
N1 112.00172 Hz
N2

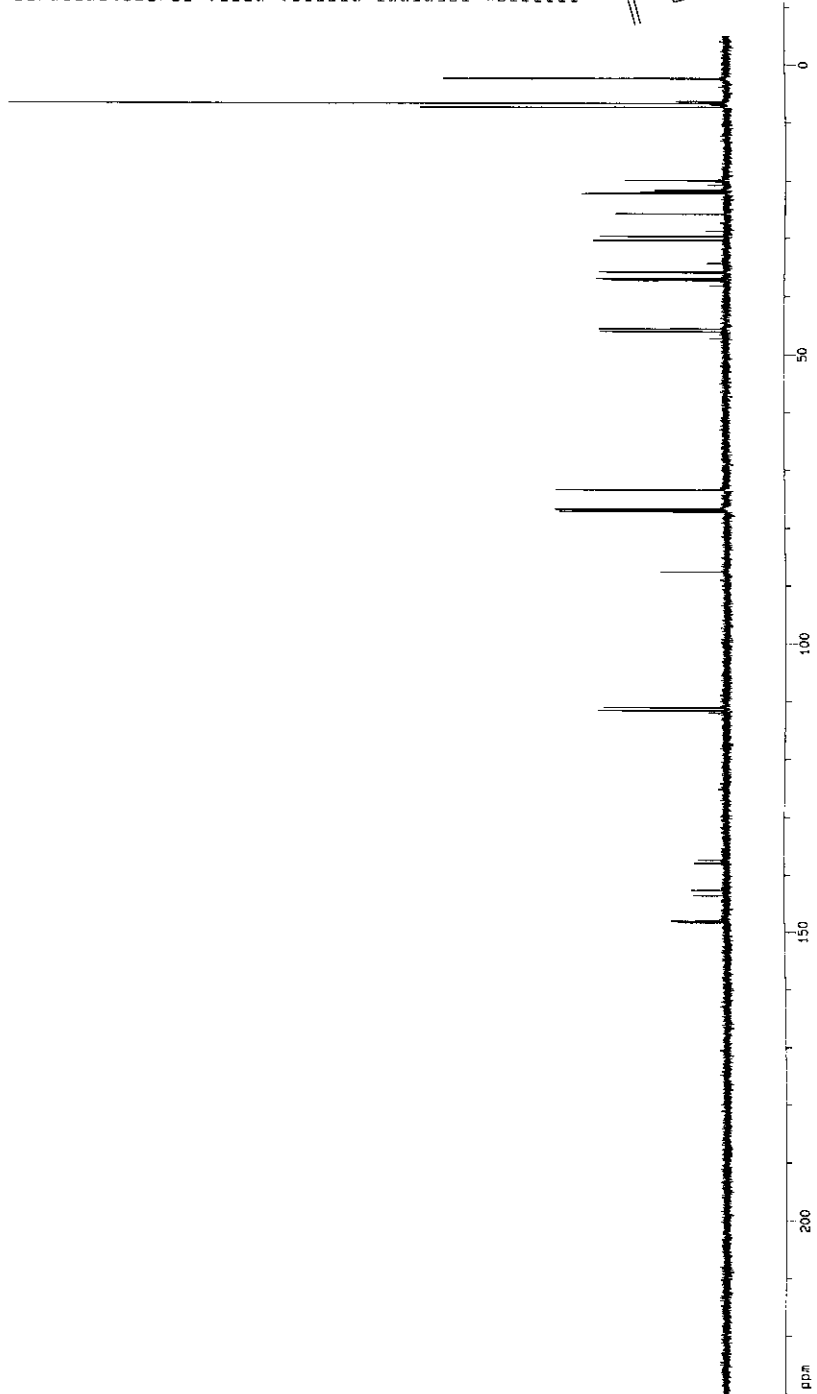
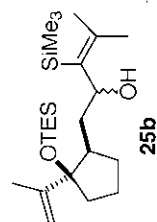


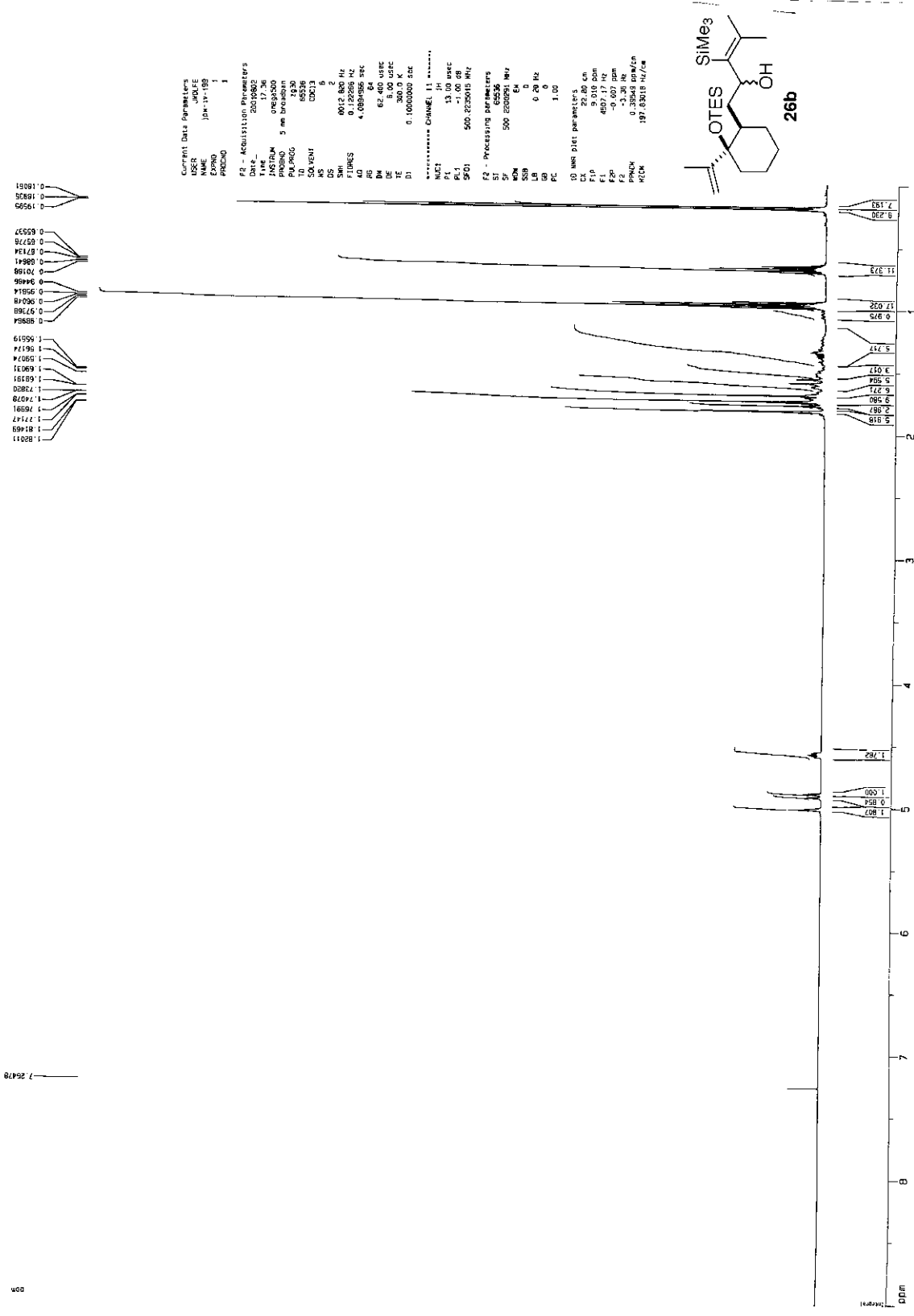


¹³C spectrum with ¹H decoupling

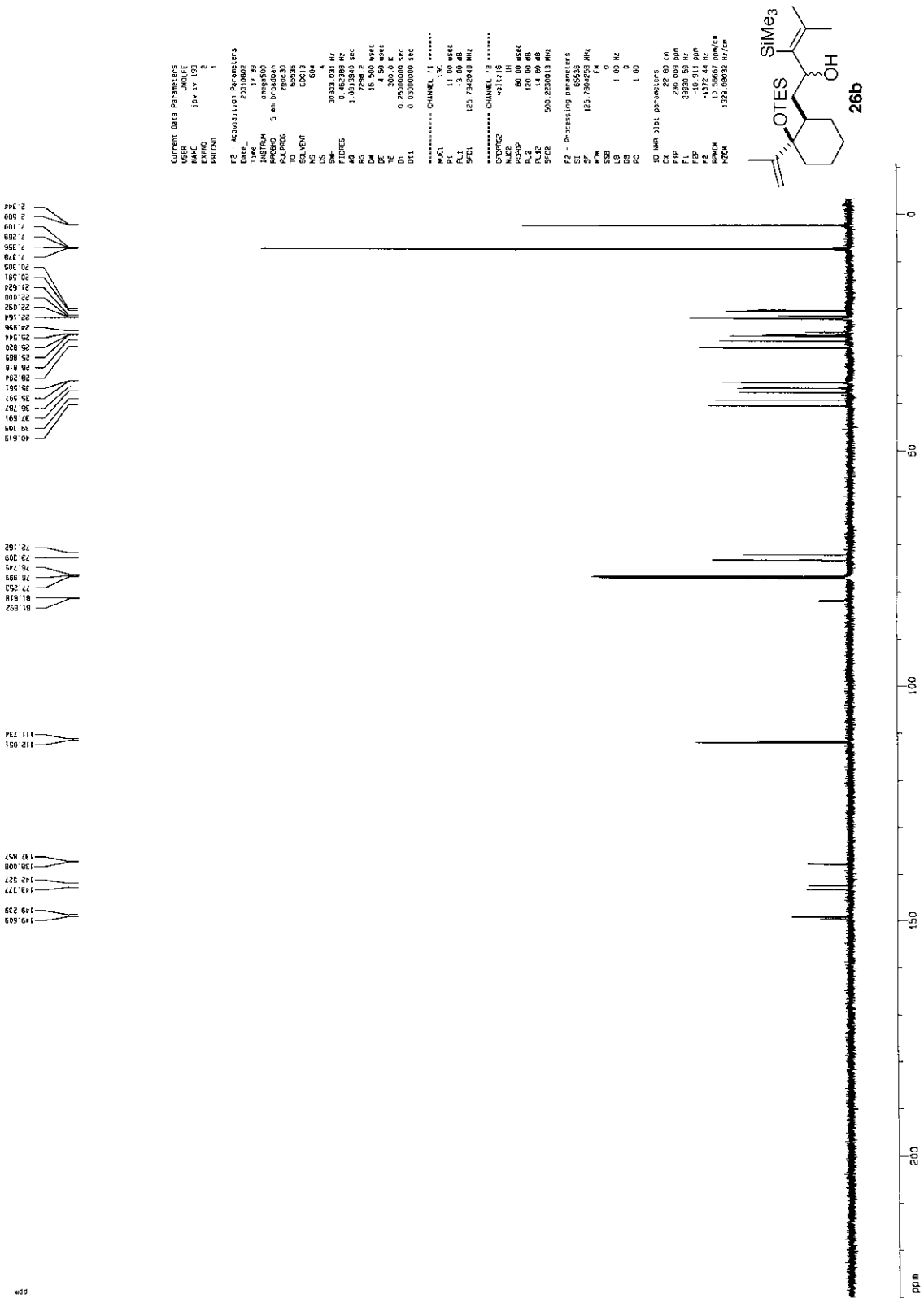


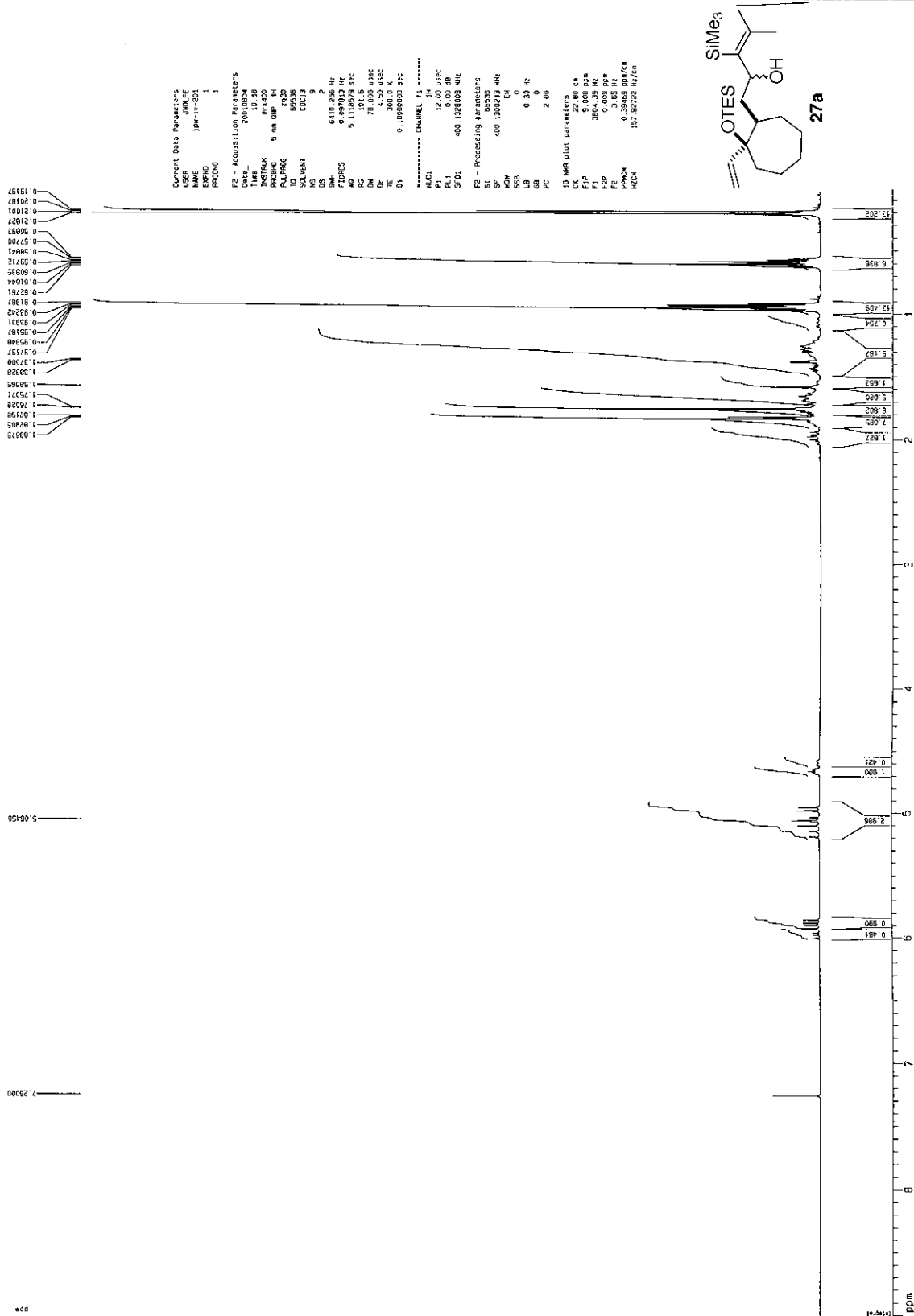
Current Data Parameters
 NAME: j101-11-197
 EXPNO: 2
 PROCNO: 1
 F2 - Acquisition Parameters
 Date_ : 20010802
 Time : 14.48
 Operator : dmh
 PULPROG : zgpg30
 PROBHD : 5 mm ZBG30
 TO : 58536
 SOLVENT : CDCl3
 DS : 4
 SWH : 30000.031 Hz
 FIDRES : 0.402388 Hz
 AQ : 1.364918 sec
 RG : 3249.1
 DM : 16.500 usec
 DE : 2.50 usec
 O1 : 0.2500000 sec
 O2 : 0.2500000 sec
 O3 : 0.2500000 sec
 O4 : 0.2500000 sec
 ***** CHANNEL f1 *****
 NUCL1 : ¹³C
 P1 : 11.00 usec
 PL1 : -3.00 dB
 SFO1 : 125.760400 MHz
 ***** CHANNEL f2 *****
 DPROG2 : MZT215
 PULPROG : zgpg30
 PSF2 : 80.00 usec
 R2 : 120.00 dB
 SFO2 : 500.253013 MHz
 F2 - Processing parameters
 SI : 65536
 SF : 125.760400 MHz
 KW : 64
 LB : 0
 GB : 0
 PC : 1.00
 1D NMR plot parameters
 F1 : 230.005 GHz
 F2 : 28030.12 Hz
 F3 : -10.915 GHz
 SFO : 101.626370 MHz
 HZCX : 1.328 00032 Hz/cm



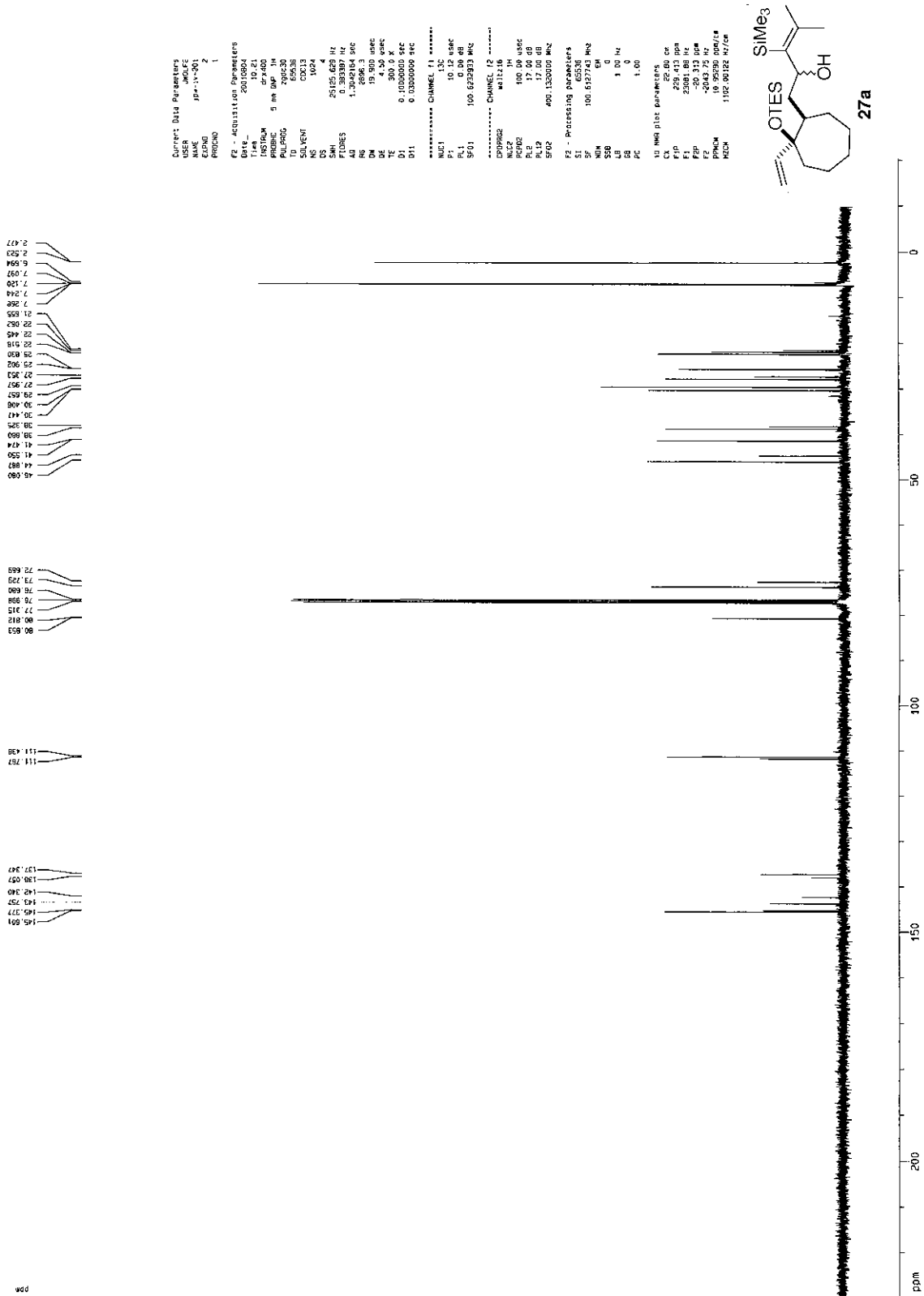


¹³C spectrum with ¹H decoupling



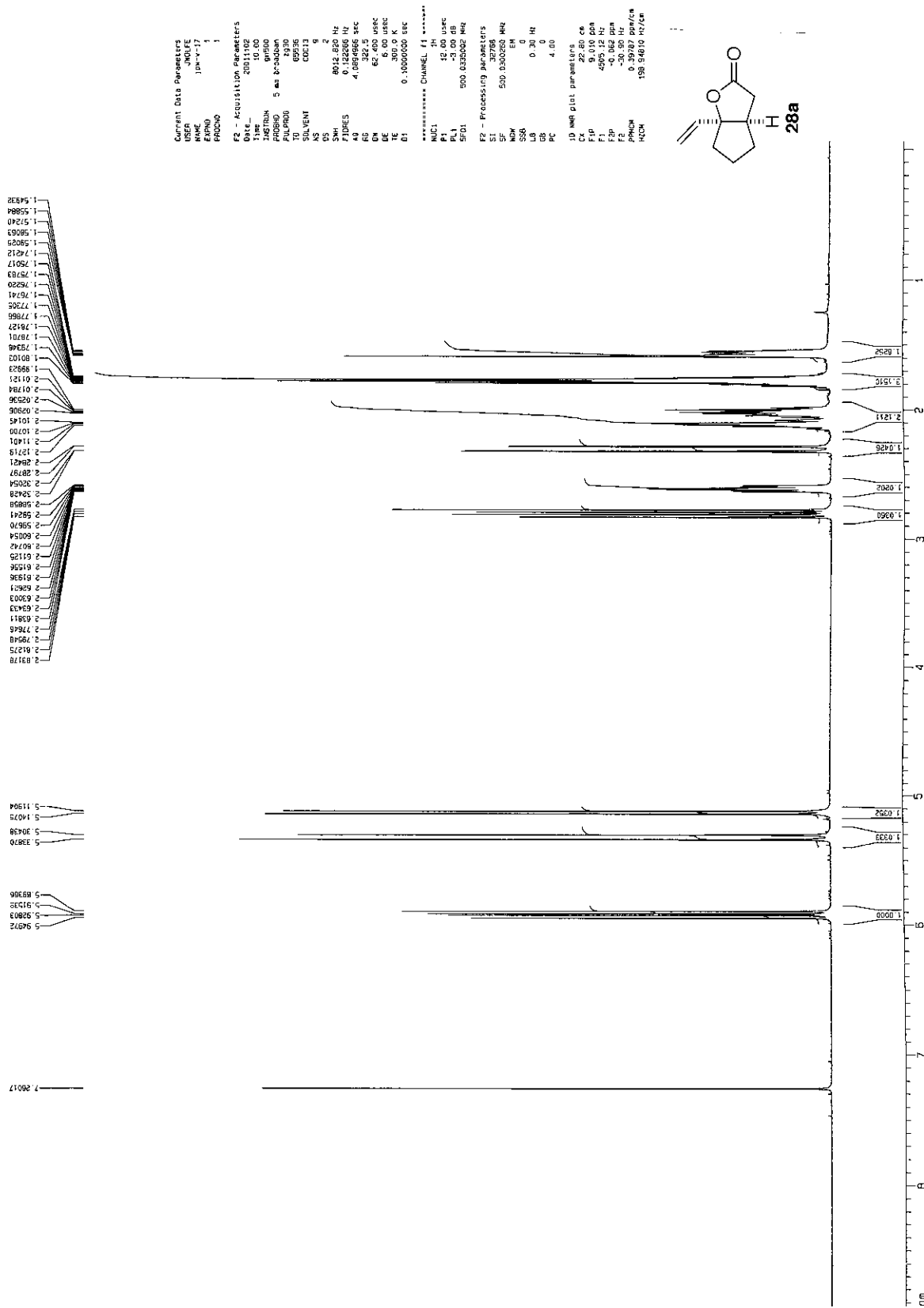


¹³C spectrum with ¹H decoupling

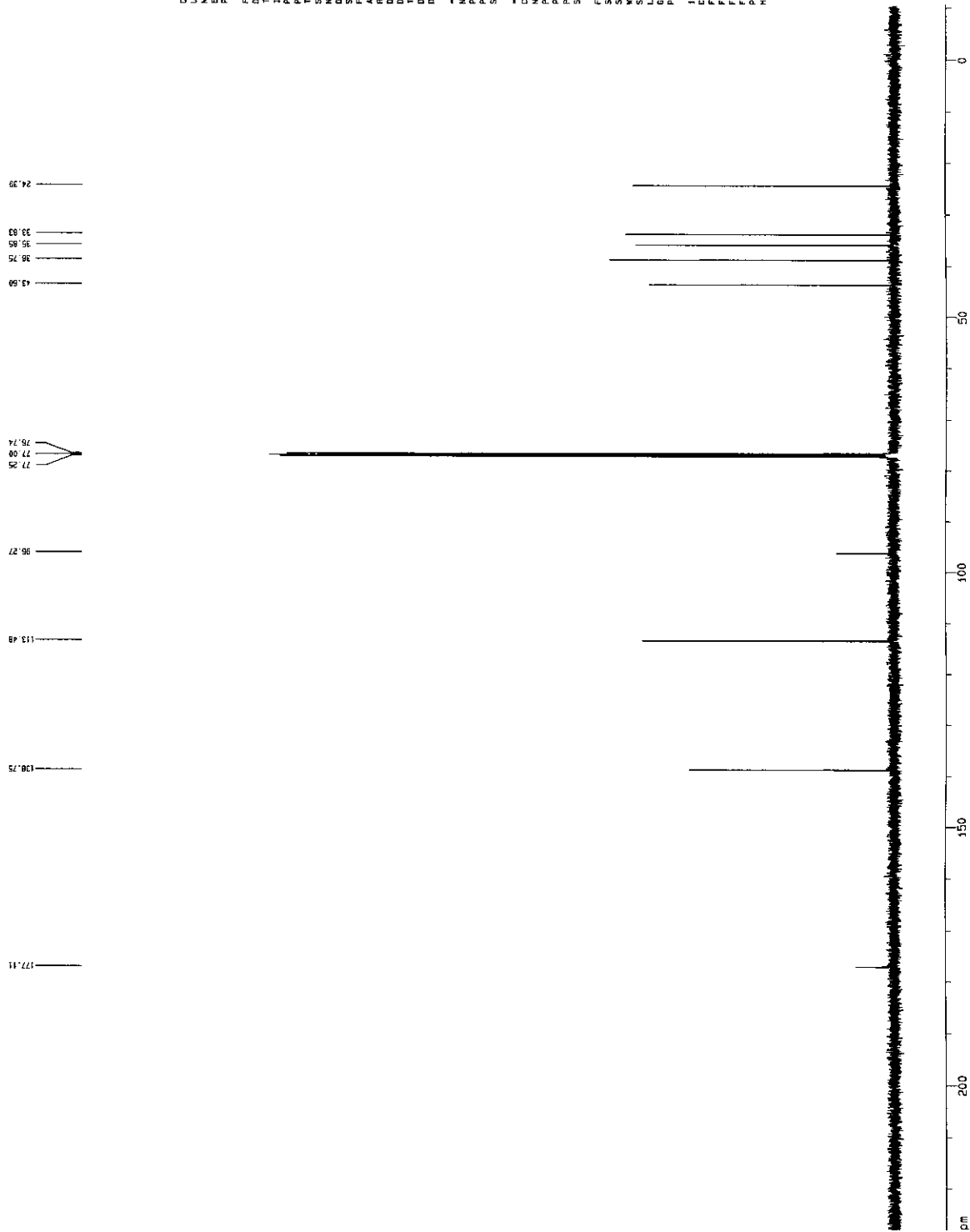


Current Data Parameters
 USER JMOLEF
 ACQNO 10
 PRGNO 1
 EXPNO 1
 F2 - ACQUISITION PARAMETERS
 CHAN1 101.623000 MHz
 Time 10.12
 INSTRUM spect
 PULPROG zgpg30
 TO 25.000000 sec
 SOLVENT CDCl3
 NS 1024
 SM 25125.620 Hz
 FIDRES 0.3883807 Hz
 AQ 1.30029164 sec
 SFO1 101.623000 MHz
 DM 19.500 usec
 DE 4.50 usec
 TE 300.0 K
 D1 0.10000000 sec
 D11 0.10000000 sec
 ***** CHANNEL f1 *****
 NU1 1
 PL1 0.00 usec
 PL2 0.00 usec
 PL3 0.00 usec
 SFO1 100.623000 MHz
 ***** CHANNEL f2 *****
 CHPROG2 mzg32.16
 NU2 1
 PL2 19.50 usec
 PL3 17.00 usec
 SFO2 400.1330000 MHz
 F2 - PROCESSING PARAMETERS
 SI 65536
 SF 100.623743 MHz
 EQ 0
 SN 0
 LB 1.00 Hz
 GB 0
 PC 1.00
 10 MHz (1st) PARAMETERS
 CX 22.80 cm
 F1 25.413 ppm
 F2 25.413 ppm
 F3 25.413 ppm
 F4 25.413 ppm
 F5 25.413 ppm
 F6 25.413 ppm
 PPM0 10.9599 ppm
 PPM1 110.0012 ppm
 PPM2 110.0012 ppm

1 spectrum



13C spectrum with 1H decoupling



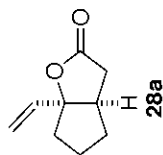
Current Data Parameters
 Date_ 20011102
 Time_ 10.03
 INSTRUM_ spect
 PULPROG_ zgpg30
 TO_ 65526
 SOLVENT_ CDCl3
 NS_ 513
 DS_ 4
 SWH_ 30903.031 Hz
 FIDRES_ 0.462389 Hz
 AQ_ 1.0613940 sec
 RG_ 327.500
 BN_ 15.500 USEC
 DE_ 4.30 USEC
 TE_ 300.0 K
 D1_ 0.2500000 sec
 D11_ 0.0200000 sec

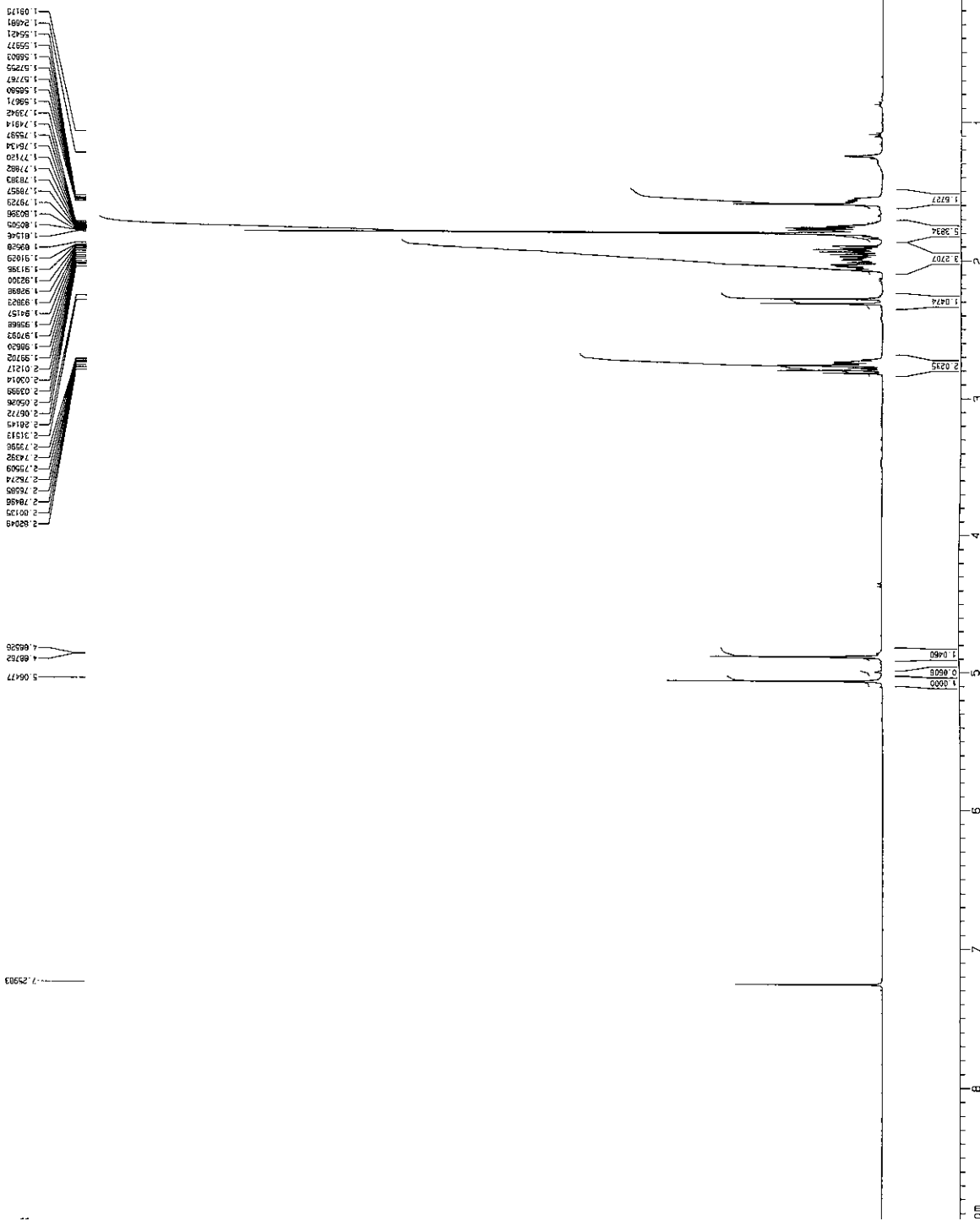
***** CHANNEL 1 *****
 NU1_ 13C
 P1_ 6.00 USEC
 PL1_ 0.00 dB
 SF01_ 125.762466 MHz

***** CHANNEL 2 *****
 CPDPRG2_ waltz16
 NU2_ 1H
 P1P1P2_ 80.00 USEC
 PL1_ -3.00 dB
 PL2_ 19.00 dB
 SF02_ 500.0234002 MHz

F2 - Processing parameters
 SI_ 65526
 SF_ 125.762466 MHz
 WDW_ EM
 SSB_ 0
 LB_ 1.00 Hz
 GB_ 0
 PC_ 2.00

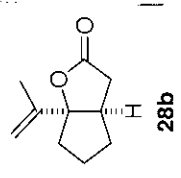
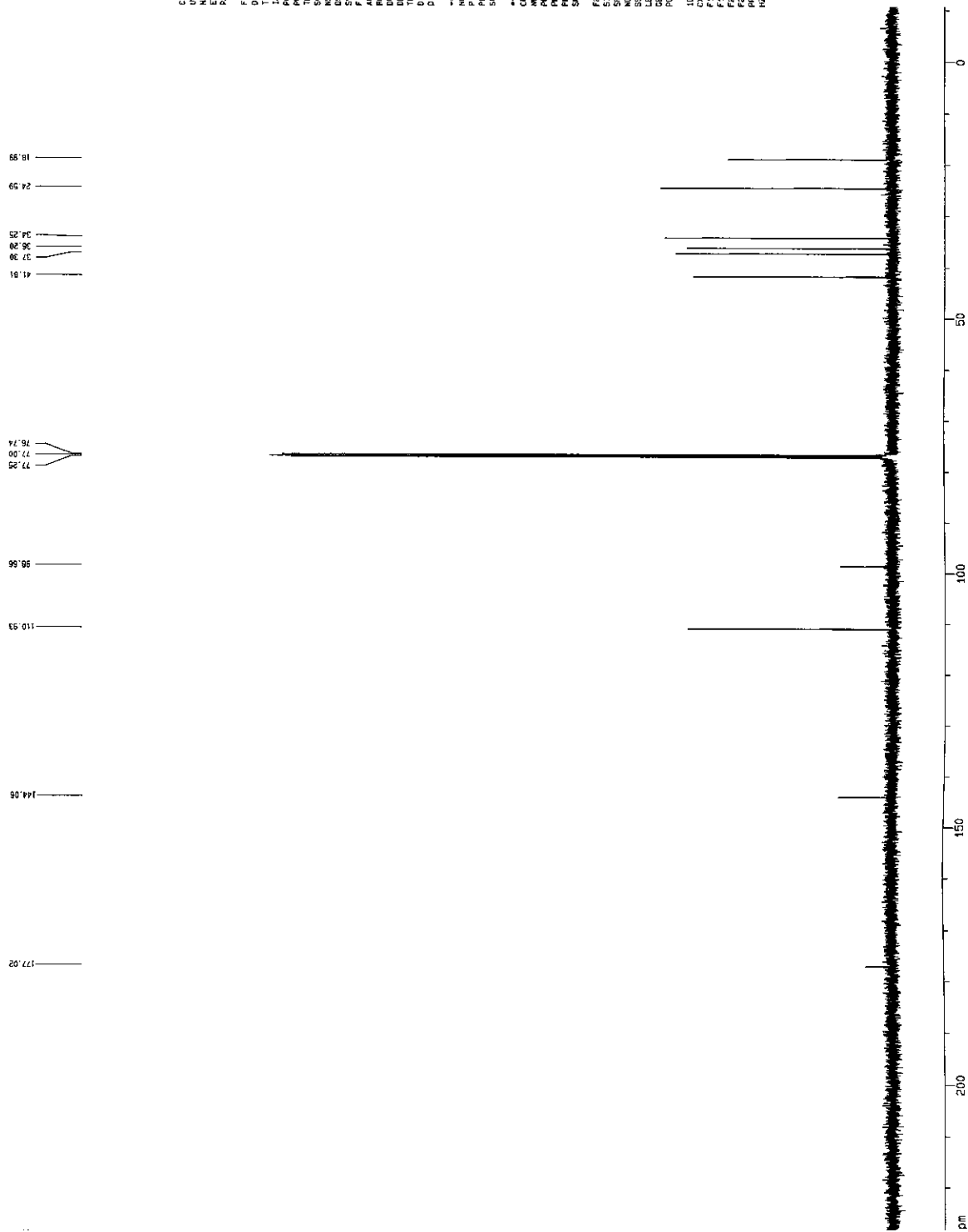
ID MR plot parameters
 CA_ 232.827
 CB_ 232.827
 F1_ 088163.56 Hz
 F2_ -10.765 ppm
 GAMMA_ 1.000000000
 GAMMA2_ 1.000000000
 NU1CN_ 1329.08632 Hz/cm





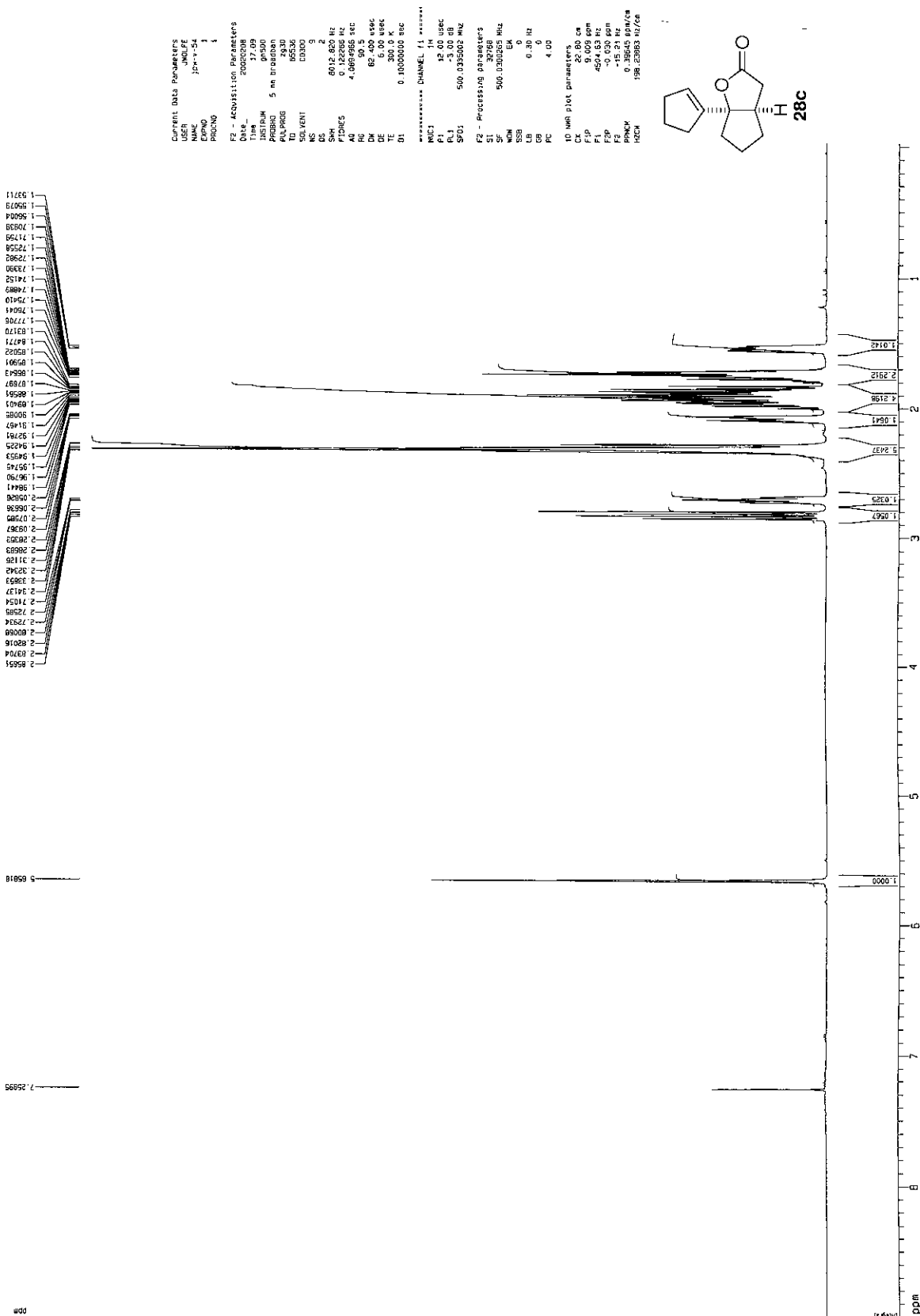
Current Data Parameters
 USER JMOUFC
 SAMPLE J144-2130w
 EXPNO 1
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20080814
 Time 14:21
 INSTRUM spect
 PULPROG zgpg30
 PREPBD 5 sec DRODRAIN
 AFTPROG TD
 TO 65330
 SOLVENT CDCl3
 NS 8
 DS 2
 SWH 8632.800 Hz
 FIDRES 0.122288 Hz
 AQ 4.089486 sec
 RG 329.1
 DELTAT 0.000000 sec
 DEC 6.000000 usec
 TE 300.2 K
 D1 0.10000000 sec
 ***** CHANNEL f1 *****
 NUC1 1H
 P1 12.00 usec
 PL1 -3.00 dB
 SFO1 500.032000 MHz
 F2 - Processing parameters
 SI 32768
 SF 500.030000 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 4.00
 10 NMR PLOT PARAMETERS
 CX 22.80 cm
 CY 1.00 cm
 F1 45.250000 MHz
 F2 -0.146000 MHz
 F3 -23.05 Hz
 FWHM 0.39767 ppm/cm
 RDCM 198.31610 Hz/cm

13C spectrum with 1H decoupling



Current Data Parameters
 NAME jany-31306
 EXPNO 2
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20011022
 Time 14.24
 NUC1 13C
 PULPROG zgpg30
 SPECTRUM 5 em b-
 AQUEOUS
 TO 655.36
 SOLVENT CDCl3
 NS 463
 DS 2
 SWH 30303.031 Hz
 FIDRES 0.4622868 Hz
 AQ 1.0012940 sec
 RG 655
 DM 18.500 USEC
 DE 4.36 USEC
 TE 300.2 K
 D1 0.25000000 sec
 D11 0.50000000 sec
 ***** CHANNEL f1 *****
 NUC1 13C
 P1 6.00 USEC
 PL1 0.00 dB
 SFO1 125.760466 MHz
 ***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PULPROG 60.00 USEC
 PL2 -3.00 dB
 SFO2 500.0335002 MHz
 F2 - Processing parameters
 SI 32768
 SF 125.760466 MHz
 NDM 64
 LB 1.00 Hz
 GB 0
 PC 2.00
 ID MR plot parameters
 EX 256
 SI 256
 CF 282.240 cm
 F1 28948.63 Hz
 F2 -10.772 ppm
 F3 -1354.40 Hz
 GAMMA 1.00000000
 NUCL1 133.08033 Hz/cm

1H SPECTRUM



Current Data Parameters
 Date_ 20050208
 Time 17.09
 INSTRUM gnuco
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 2
 DS 2
 SMH 6012.620 HZ
 FIDRES 0.122266 HZ
 AQ 4.061995 SEC
 RG 327.5
 DK 62.400 KHZ
 DE 6.00 KHZ
 TE 300.2 K
 D1 0.1000000 SEC

***** CHANNEL f1 *****
 NUC1 1H
 P1 12.00 USEC
 PL 0.00 DB
 SFO1 500.0335002 MHZ

F2 - Processing parameters
 SI 327.5
 SF 990.0330255 MHZ
 WDM EK 0
 SSB 0
 GB 0.30 HZ
 CB 0
 PC 4.00

ID MHF plot parameters
 CT 1
 CP 0
 FLP 0.009 ppm
 F1 -4504.63 HZ
 F2 -0.530 ppm
 F3 -12.24 HZ
 PR 0.1250000000
 HZCM 198.23963 HZ/CM

```

Current Data Parameters
USER          JMK/EE
NAME         100-V-54
EXPNO        2
PROCNO       1

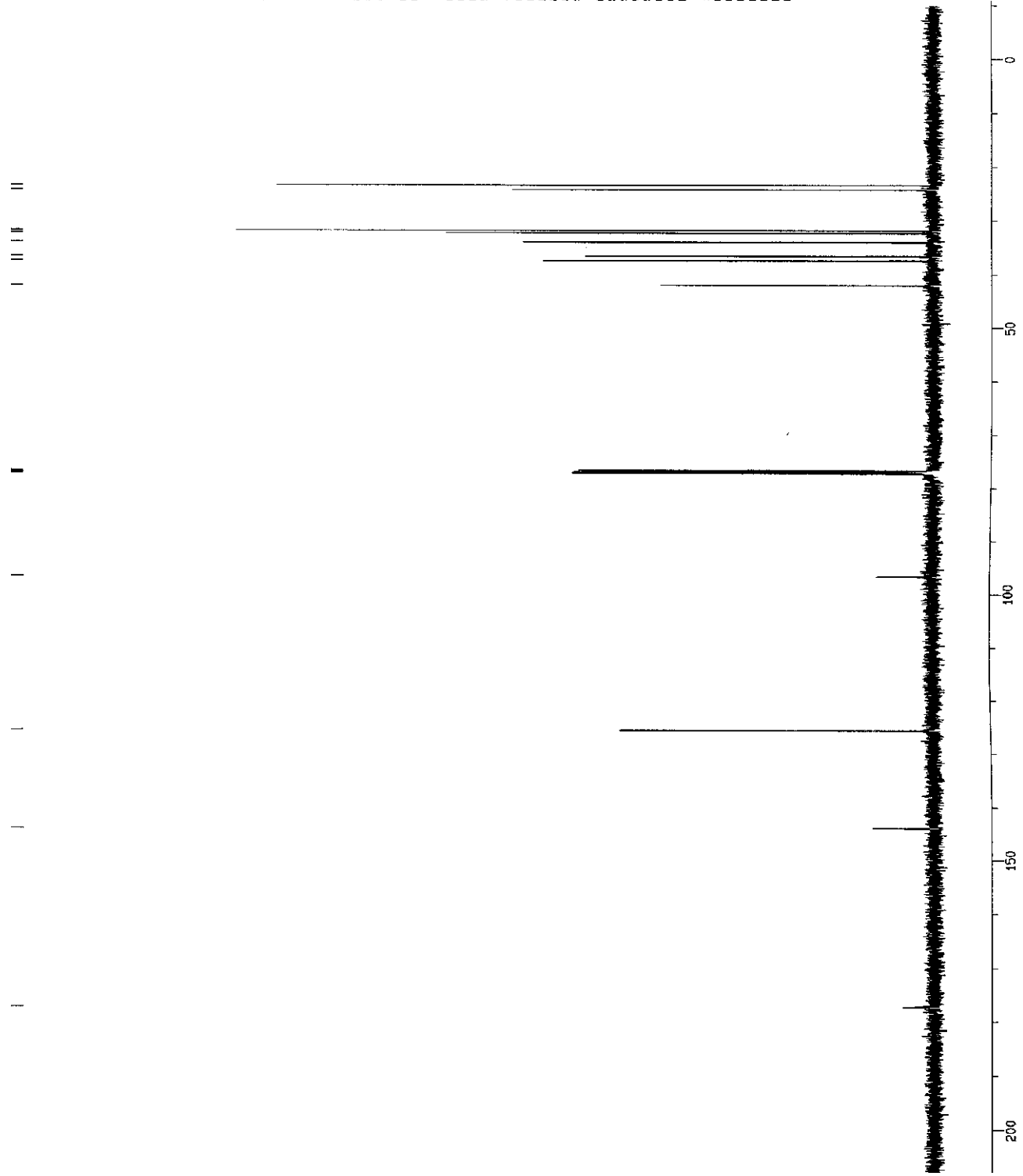
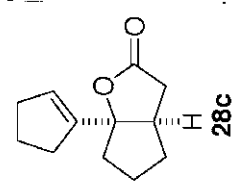
F2 - Acquisition Parameters
Date_        20020209
Time         17.12
INSTRUM     gds500
PROBHD      5 mm broadband
PULPROG     zgpg30
TD           65536
SOLVENT     CDCl3
CQ1         293
DS           2
SINH        30.83 0.31 Hz
FIDRES      0.462368 Hz
AQ          1.0813940 sec
RG          222.98 8
DM          16.500 USEC
DE          4.30 USEC
TE          300.0 K
D1          0.25000000 SEC
D11         0.03000000 SEC

***** CHANNEL f1 *****
NUC1         13C
P1           6.25 USEC
PL1          0.00 dB
SFO1        125.7654866 MHz

***** CHANNEL f2 *****
CPDPRG2     waltz16
NUC2         1H
P2           80.00 USEC
PL2          -3.00 dB
PL12        13.50 dB
SFO2        500.0350002 MHz

F2 - Processing parameters
SI           65536
SF          125.7655512 MHz
WDW         EM
SSB         0
LB          1.00 Hz
GB          0
PC          2.00

1D NMR Plot Parameters
CX          22.80 cm
F1P        230.162 ppm
F1         28936.93 Hz
F2P        -10.849 ppm
F2         -1364.10 Hz
FREQHM     0.57058 ppm/cg
RECWD      1325.86028 Hz/cg
    
```



Current Data Parameters
 USER JNDLFE
 NAME 19w-11-2901de
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20010529
 Time 11.40
 INSTRUM gmsdd
 PULPROG 5 mm hrabpam
 TD 65536
 SOLVENT CDCl3
 NS 8
 DS 2
 SWH 8012.820 Hz
 FIDRES 0.132255 Hz
 AQ 4.0894956 sec
 RG 90.5
 DM 62.400 usec
 DE 5.00 usec
 TE 300.0 K
 O1 0.1000000 sec

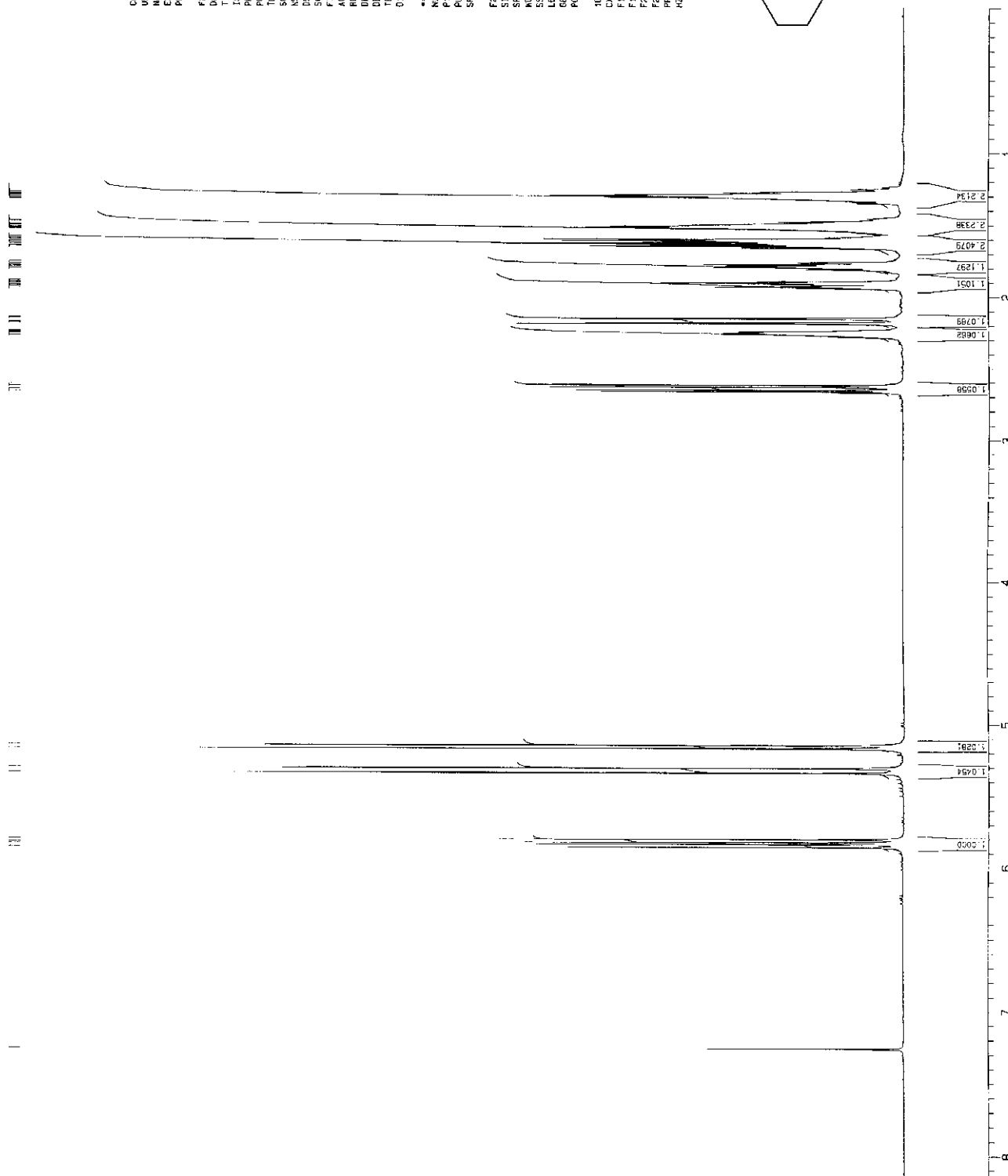
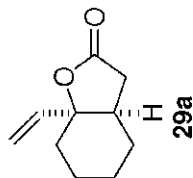
***** CHANNEL F1 *****
 NUCL1 1H
 P1 12.00 usec
 PL1 -3.00 dB
 SFO1 500.0130012 MHz

F2 - Processing parameters

SI 32768
 SF 500.0300258 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 4.00

10 NMR D101 parameters

CV 22.80 cm
 FIP 5.000 cm
 F1 4500.38 Hz
 F2 -0.003 ppm
 F2 -1.31 Hz
 PPRCM 0.35485 ppm/cm
 HSCM 157.44229 Hz/cm



```

Current Data Parameters
USER      JMOLE
NAME      J04-V-2800ee
EXPNO     4
PROCNO    1

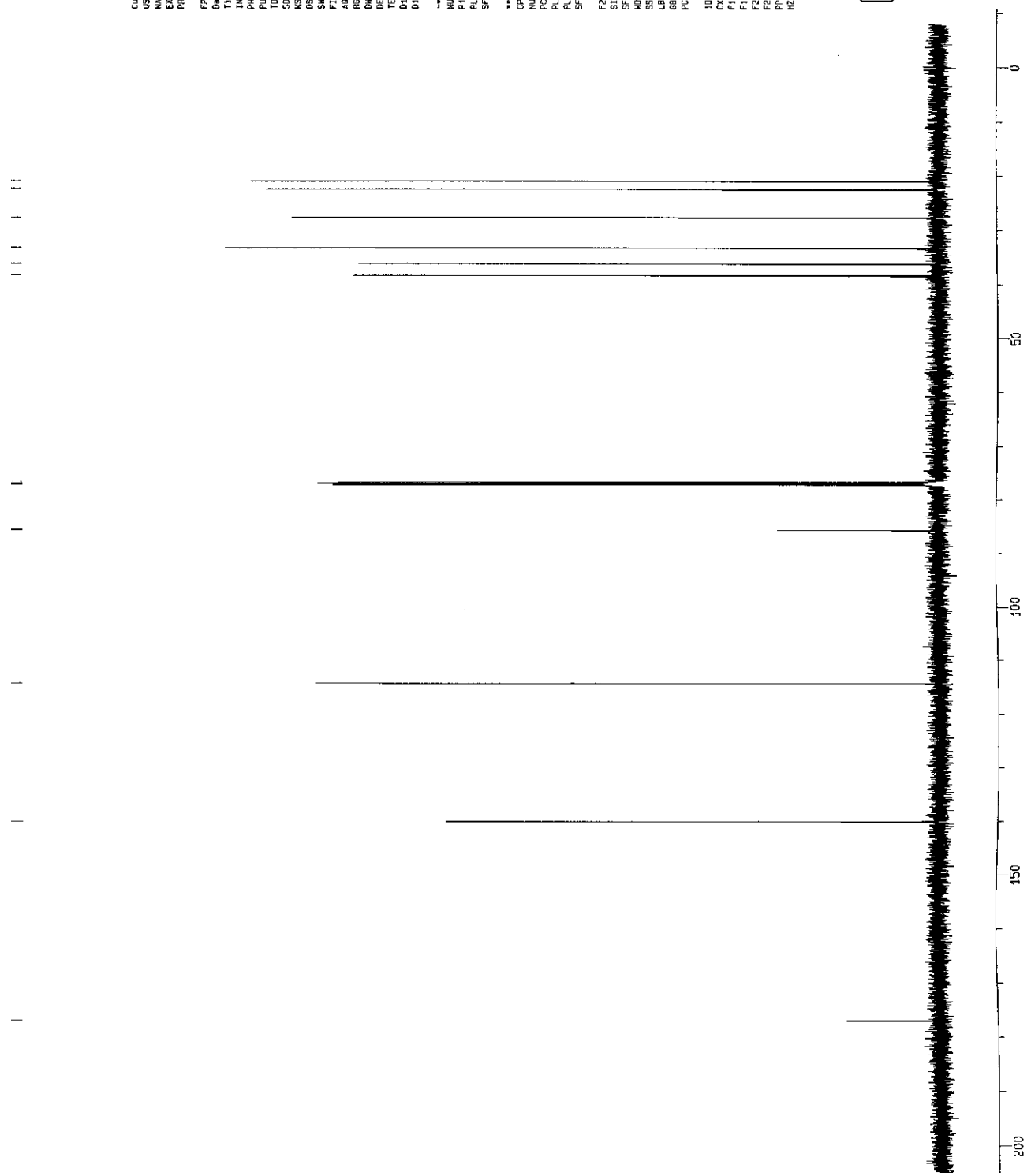
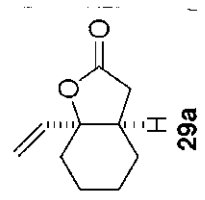
F2 - Acquisition Parameters
Date_     20010529
Time      12.05
INSTRUM   spect
PROBHD    5 mm QNP1H
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         202
DS         2
SHH        30303.631 Hz
FIDRES     0.462398 Hz
AQ         1.0613840 sec
RG         4597.5
DN         16.500 usec
DE         4.50 usec
TE         300.2 K
D1         0.25600000 sec
D11        0.03600000 sec

***** CHANNEL f1 *****
NUC1       13C
P1         6.25 usec
PL1        0.00 dB
SFO1       125.746485 MHz

***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
P2         80.00 usec
PL2        3.00 dB
SFO2       500.136002 MHz

F2 - Processing parameters
SI         65536
SF         125.738226 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         2.00

ID NAME 0101 parameters
CX       22.80 cm
F1P      250.228 uPa
F1R      250.228 Hz
F2P      10.768 Hz
F2R      -1293.76 Hz
PRNOM    10.57668 0ppm/cm
HZCM     1350.08020 Hz/cm
    
```



200

150

100

50

0

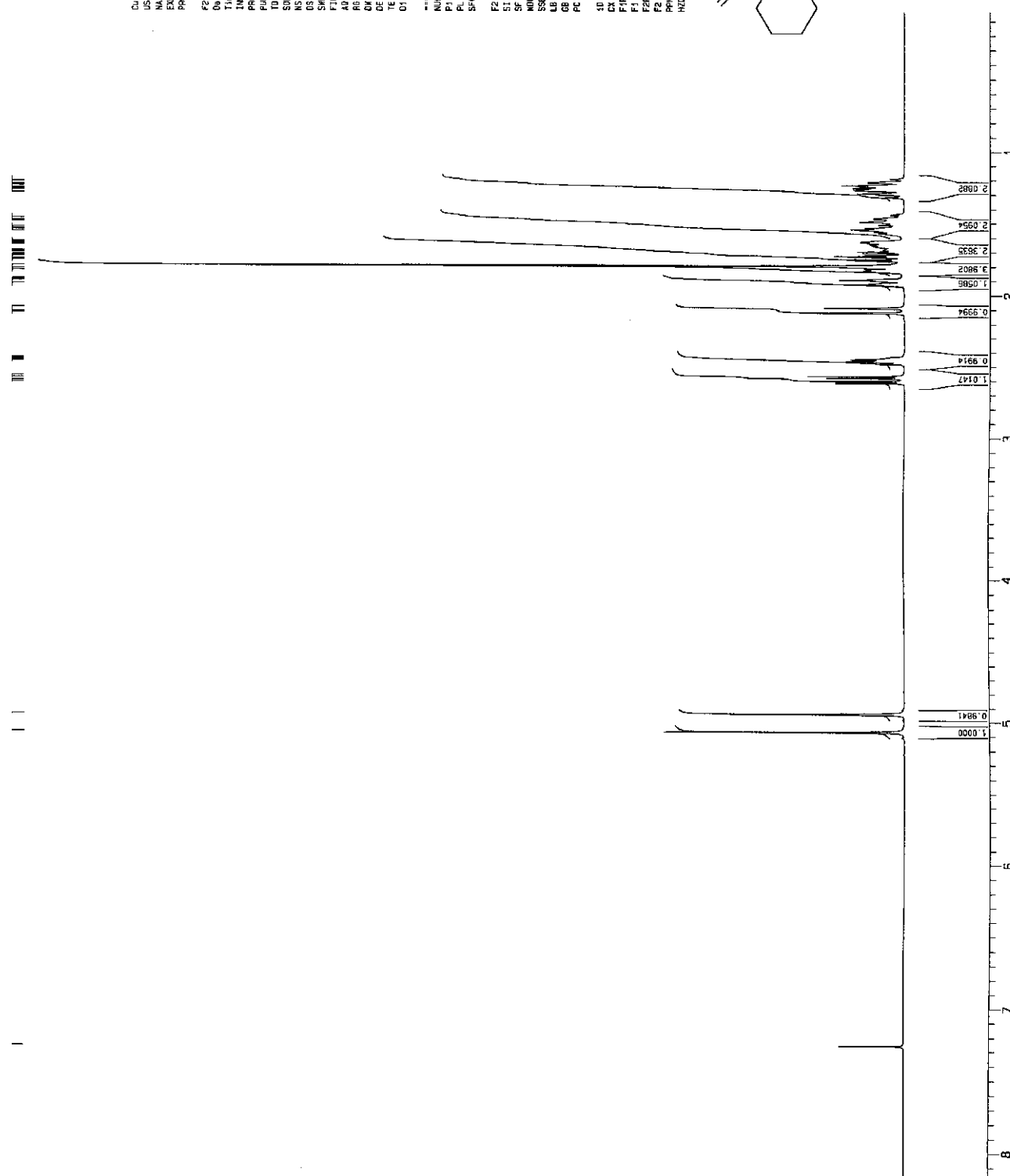
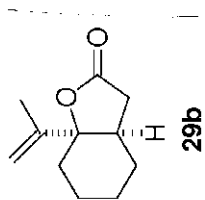
Current Data Parameters
 USER JMD/DFE
 NAME J04-11-286104
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20011010
 Time 14.05
 INSTRUM gm500
 PROBHD 5 mm broadband
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 4
 DS 2
 SWH 8012.820 Hz
 FIDRES 0.132266 Hz
 AQ 4.0884656 sec
 RG 90.5
 QM 62.400 usec
 DE 5.00 usec
 TE 300.0 K
 D1 0.1000000 sec

***** CHANNEL f1 *****
 NUC1 1H
 P1 12.00 usec
 PL1 -3.00 dB
 SF01 500.0330022 MHz

F2 - Processing parameters
 SI 32768
 SF 500.0300262 MHz
 NDM EN
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 4.00

1D NMR plot parameters
 CX 22.80 cm
 F1P 5.035 GHz
 F1 4517.57 Hz
 F2P 0.032 GHz
 F2 15.89 Hz
 PRACH 0.35485 MHz/cm
 HZCN 197.44229 Hz/cm



Current Data Parameters
 USER JMKLFE
 NAME JPN-1V-286Nov
 EXPNO 2
 PROCNO 1

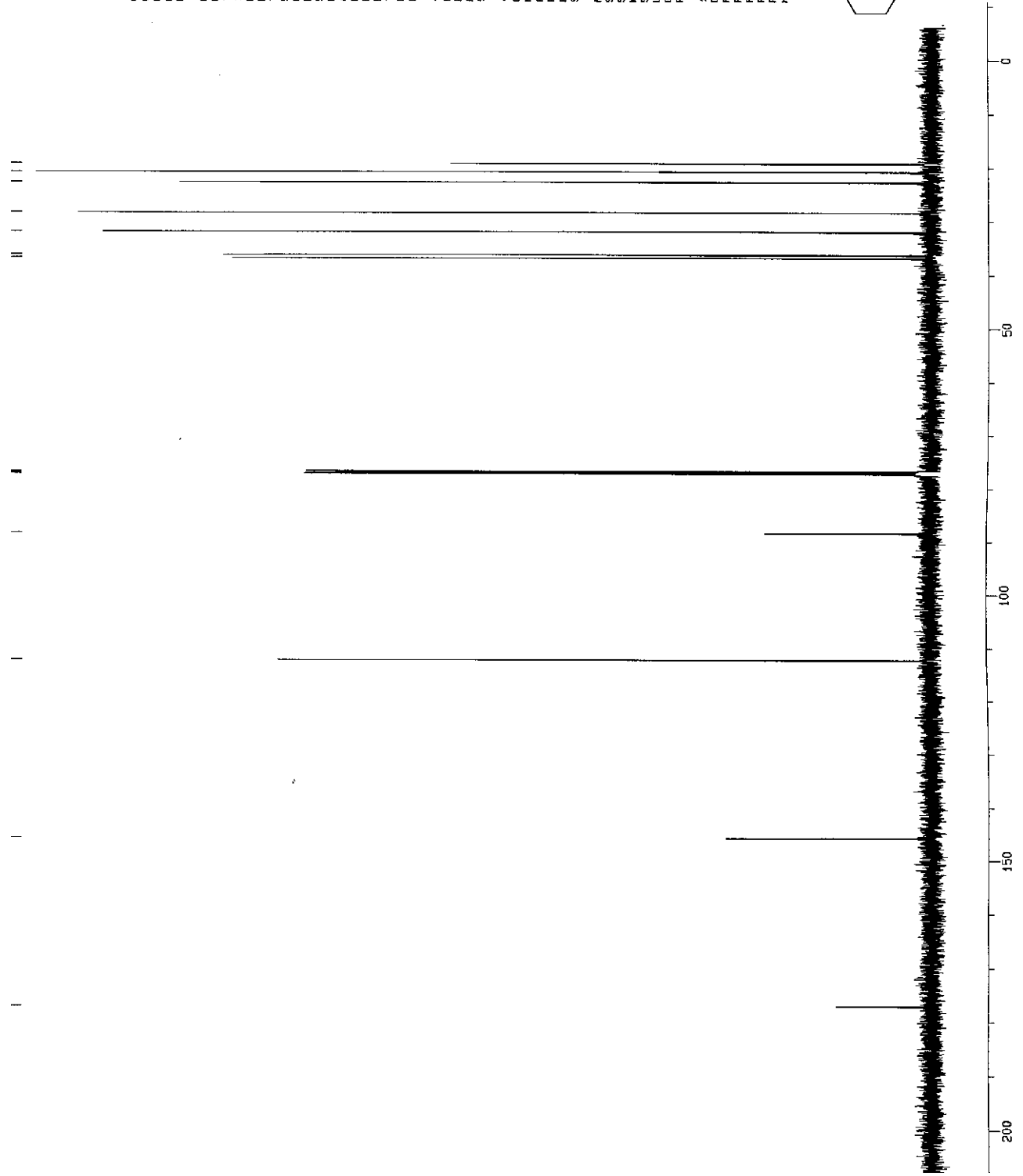
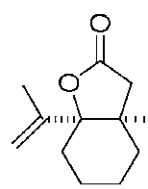
F2 - Acquisition Parameters
 Date_ 20011010
 Time 14.08
 INSTRUM spect
 PULPROG zgpg30
 PROCNO 2
 SOLVENT CDCl3
 NS 202
 DS 2
 SH1 30303.031 HZ
 F1RES 0.462988 HZ
 AQ 1.0813940 SEC
 RG 4937.6
 DN 16.500 USEC
 DE 4.50 USEC
 TE 300.0 K
 D1 0.25000000 SEC
 D11 0.03000000 SEC

***** CHANNEL f1 *****
 NUC1 13C
 P1 6.25 USEC
 PL1 0.00 DB
 SF01 125.746466 MHZ

***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 P2 80.00 USEC
 PL2 -3.00 DB
 SF02 500.032902 MHZ

F2 - Processing parameters
 SI 65536
 SF 125.746547 MHZ
 WDW EM
 SSB 0
 LB 1.00 HZ
 GB 0
 PC 2.00

1D NMR plot parameters
 TX 22.80 cm
 F1 230.214 ppm
 F2 289.540 HZ
 F3 130.763 HZ
 PRNOM 10.57058 ppm/cm
 XZOOM 1329.08020 HZ/cm



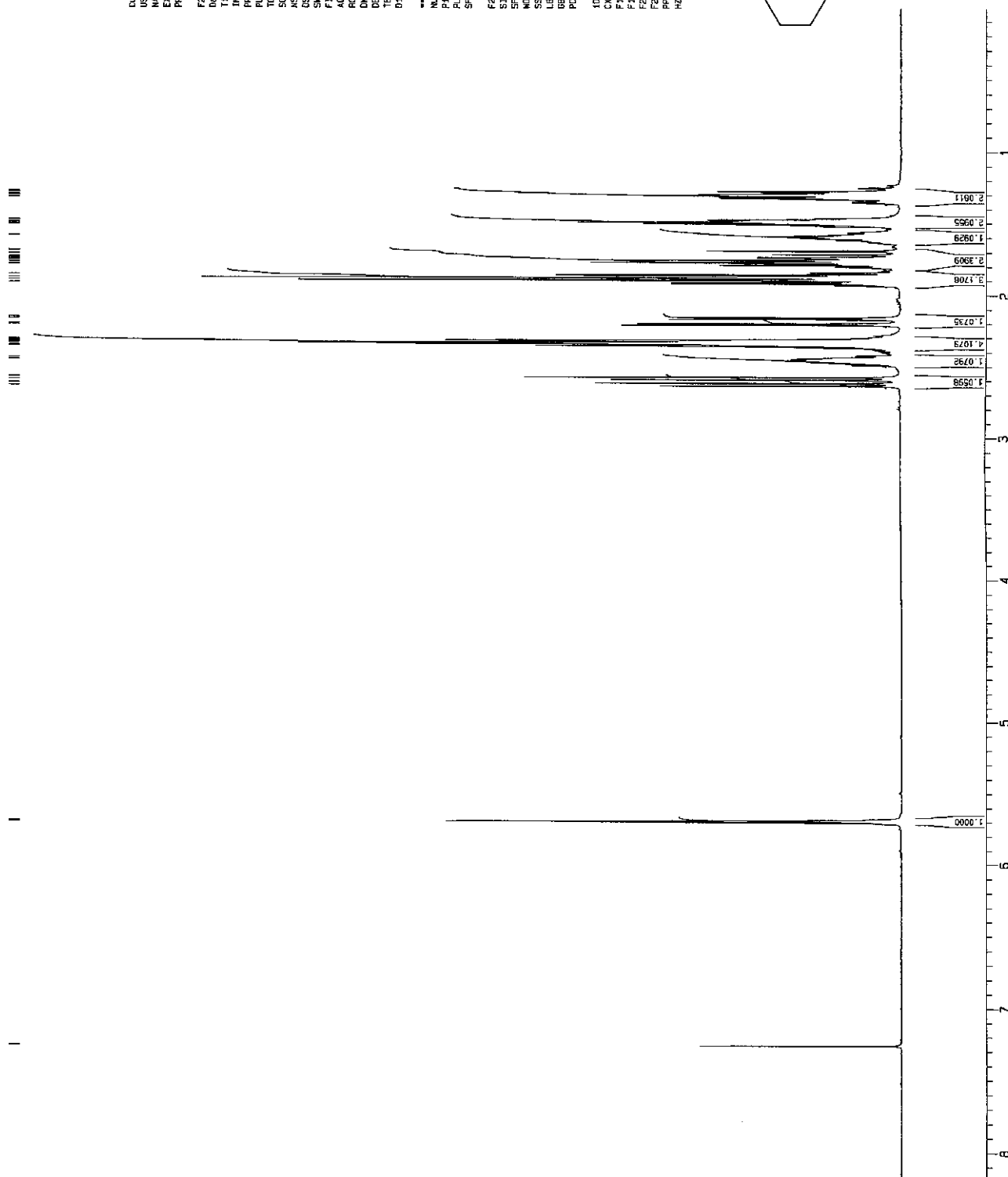
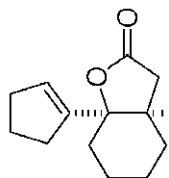
Current Data Parameters
 USER JNK/DFE
 NAME JDM-1V-282
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20011002
 Time 13.40
 INSTRUM gpc400
 PULPROG zgpg30
 TO 65.000
 SOLVENT CDCl3
 NS 6
 DS 2
 SMH 8410.296 Hz
 FIDRES 0.097813 Hz
 AQ 5.111979 sec
 RG 128
 DN 78.000 uspc
 DE 4.50 uspc
 TE 300.0 K
 D5 0.1000000 sec

***** CHANNEL f1 *****
 NUC1 1H
 P1 12.00 uspc
 PL1 0.00 dB
 SFO1 400.1326109 MHz

F2 - Processing parameters
 SI 65535
 SF 400.1300211 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 2.00

1D NMR plot parameters
 CX 22.60 ca
 F1P 9.425 ppb
 F1 3611.30 Hz
 F2P 0.010 ppb
 F2 3.85 Hz
 PPHOM 0.358548 ppm/cm
 HZCM 188.22130 Hz/cm



```

Current Data Parameters
USER      UNOLFE
NAME      IDw-1v-286nop
EXPNO     2
PROCNO    1

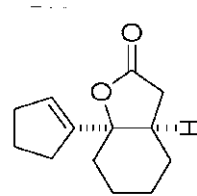
F2 - Acquisition Parameters
Date_     20011002
Time      13.54
INSTRUM   gdd500
PROBHD    5 mm b-broadban
PULPROG   zgpg30
TD         65536
SFO1      500.1362602 MHz
SOLVENT   CDCl3
NS         172
DS         2
SNI        30303.031 Hz
FIDRES     0.452366 Hz
AQ         1.0613940 sec
RG         4597.6
DW         16.500 usec
DE         4.50 usec
TE         300.0 K
O1         0.2500000 sec
O11        0.0300000 sec

***** CHANNEL f1 *****
NUC1       13C
P1         8.25 usec
PL1        0.00 dB
SFO1      125.7464486 MHz

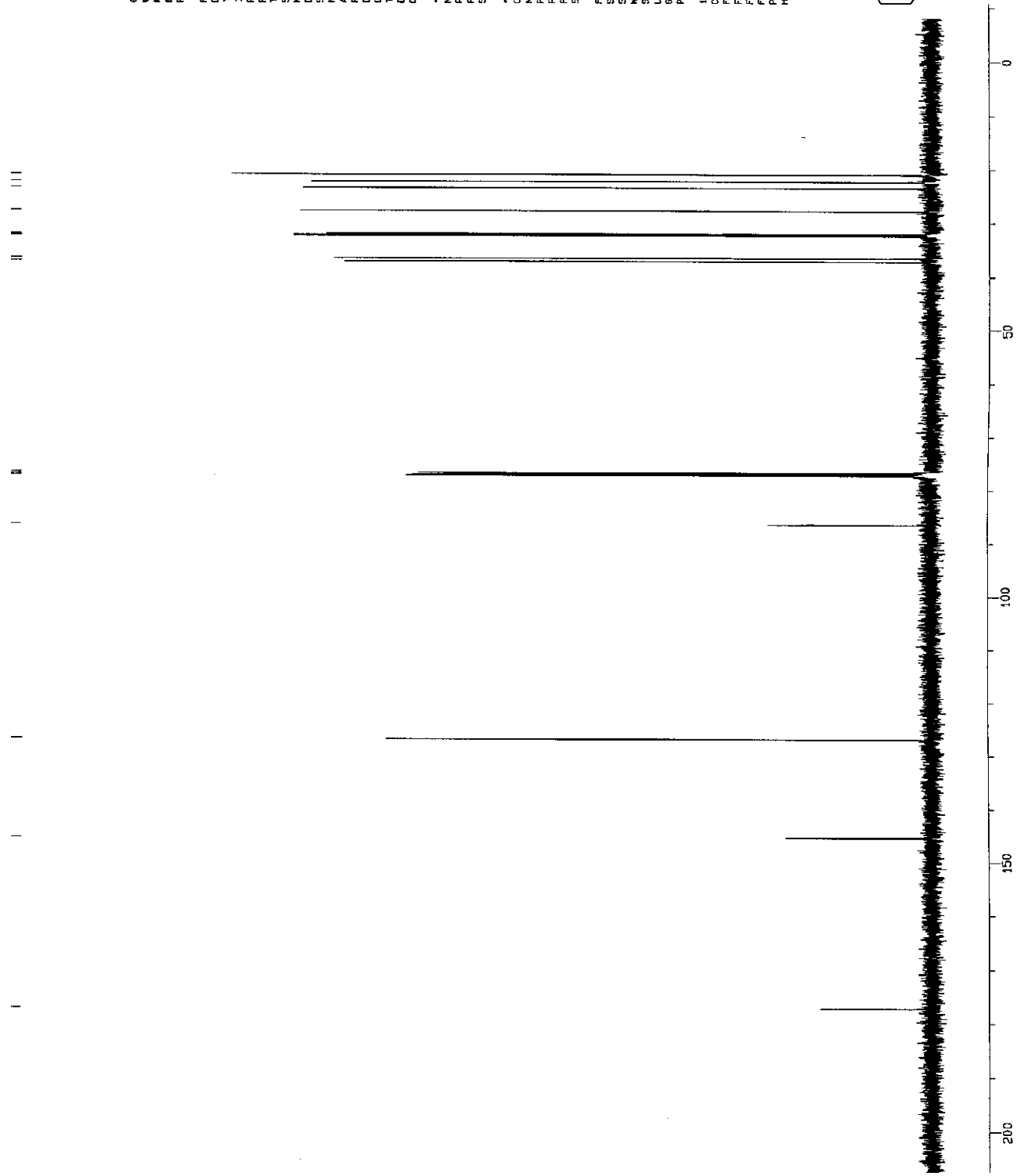
***** CHANNEL f2 *****
CPDPRG2   waltz16
NUC2       1H
P2         80.00 usec
PL2        -3.00 dB
SFO2      500.0326002 MHz

F2 - Processing parameters
SI         65536
SF         125.7464486 MHz
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         2.00

1D NMR plot parameters
CX         22.80 cm
F1P        230.223 nPa
F2P        200.136 nPa
PCPDW      -1.56670 nPa
P1PCPDW    10.571069 um/ton
P2PCPDW    1339.09032 Hz/Ga
    
```



29c



Current Data Parameters
 USER UKLIFE
 NAME |PM-1V-278
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20010927
 Time 15.26
 INSTRUM dr-400
 PROBRD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 15
 DS 2
 SSB 6410.256 Hz
 FIDRES 0.097813 Hz
 AQ 5.118579 sec
 RG 90.5
 DM 79.000 usec
 DE 4.50 usec
 TE 300.0 K
 D1 0.1000000 sec

***** CHANNEL F1 *****

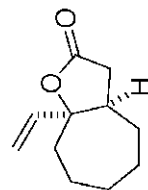
NUC1 13C
 P1 12.00 usec
 PL1 0.00 dB
 SFO1 400.1326000 MHz

F2 - Processing parameters

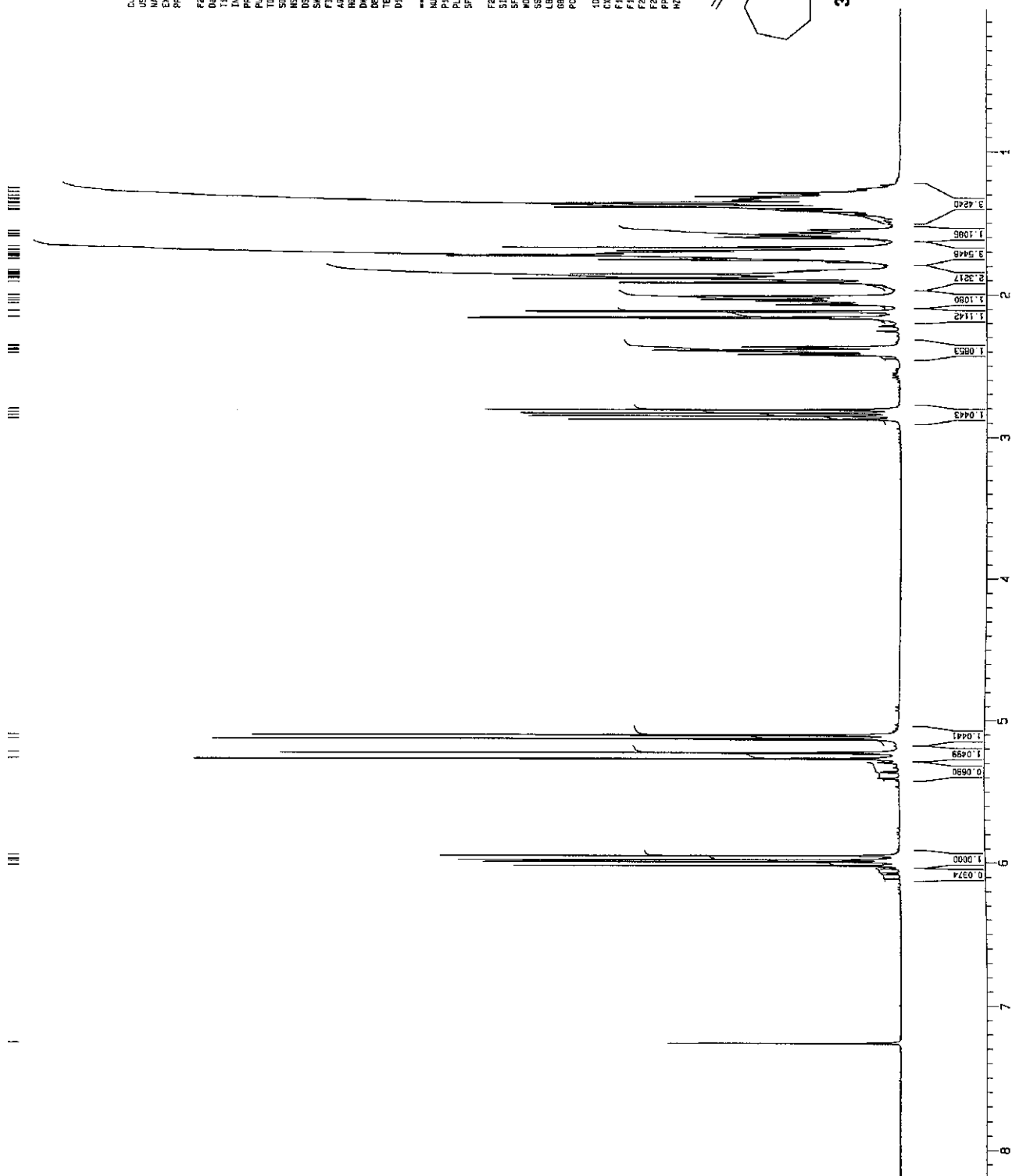
SF 605336
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 2.00

1D NMR plot parameters

C2 32.00 cm
 FIP 9.025 um
 F1 3814.30 Hz
 F2 0.010 ppm
 F3 3.65 Hz
 FWHM 0.39542 ppm/cm
 RESOL 156.22130 Hz/cm



30a



Current Data Parameters
 USER JMK/LE
 NAME 10M-11-278Nov
 EXPNO 2
 PROCNO 1

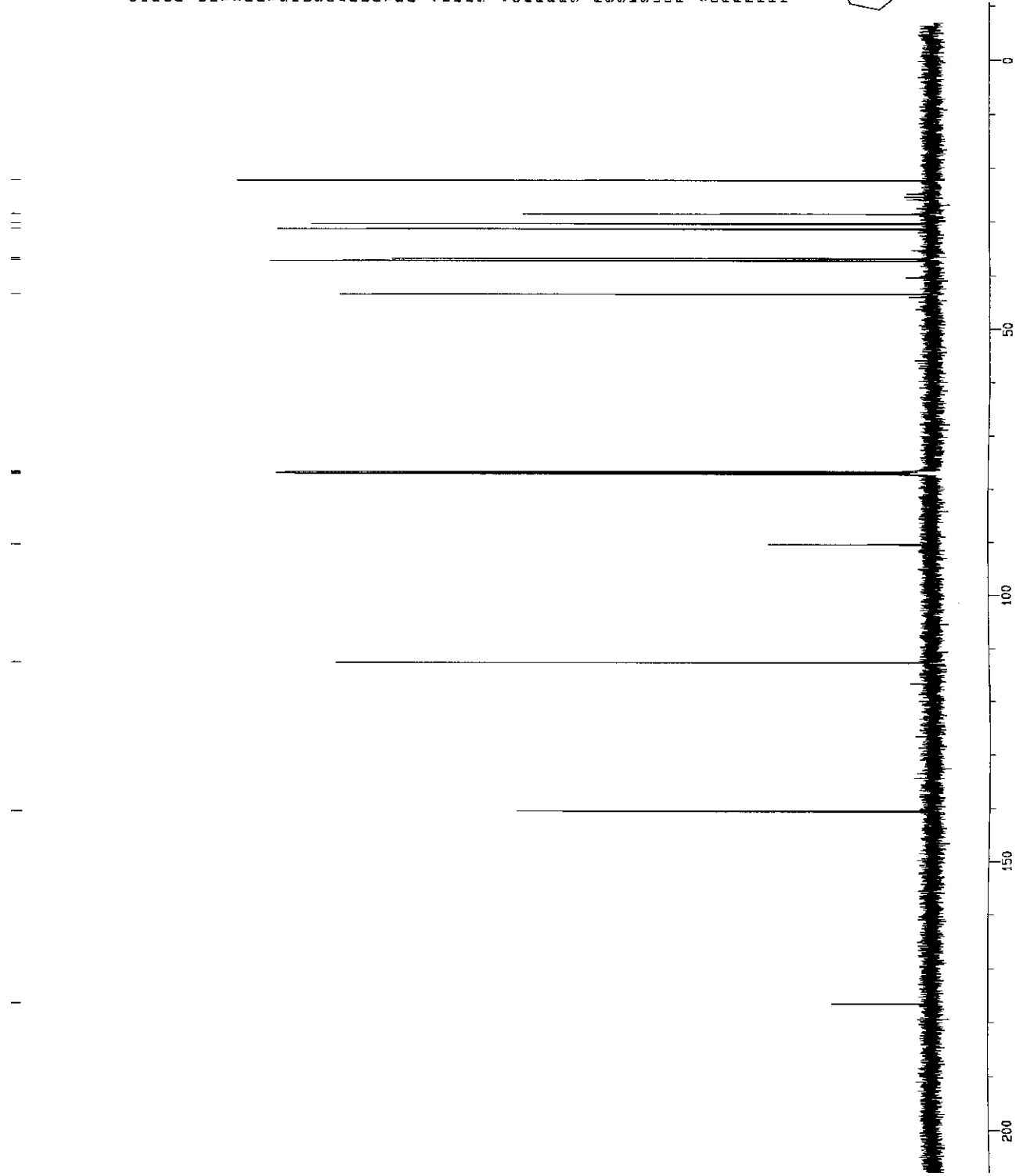
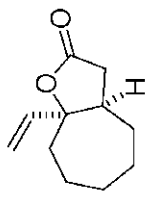
F2 - Acquisition Parameters
 Date_ 20010527
 Time 16.01
 NS/DW 98000
 CHRG 5
 FIL PRG 5 IM DR PROG
 TO 65536
 SOLVENT CDCl3
 NS 216
 DS 2
 SWH 30303.031 Hz
 FIDRES 0.482368 Hz
 AQ 1.0813540 sec
 RG 4537.6
 DM 16.500 usec
 DE 4.50 usec
 TE 300.0 K
 F1 0.2500000 sec
 F2 0.0300000 sec
 SFO1 125.765486 MHz

***** CHANNEL F1 *****
 NUC1 13C
 P1 8.25 usec
 PL1 0.00 dB
 SFO1 125.765486 MHz

***** CHANNEL F2 *****
 CPDPRG2 waltz16
 NUC2 1H
 P2 80.00 usec
 PL2 -3.00 dB
 SFO2 500.132602 MHz

F2 - Processing parameters
 SI 65536
 SF 125.726547 MHz
 NH 1
 NHM 0
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 2.00

1D NMR plot parameters
 CX 22.80 cm
 CP 23.214 ips
 F1 2895.46 Hz
 F2 -1337.63 Hz
 PRGN 10.57068 cps/cm
 MCM 1329.05020 Hz/cm



Current Data Parameters
 USER UNLIFE
 NAME 18x-19-275
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters

Date_ 20010925
 Time 17.43
 INSTRUM spect
 PULPROG zgpg30
 PROCNO 1
 TD 65536
 SOLVENT CDCl3
 NS 6
 DS 2
 SWH 6410.256 Hz
 FIDRES 0.09793 Hz
 AQ 5.1118579 sec
 RG 406.4
 DM 79.000 usec
 DE 4.50 usec
 TE 300.2 K
 D1 0.10000000 sec

***** CHANNEL f1 *****

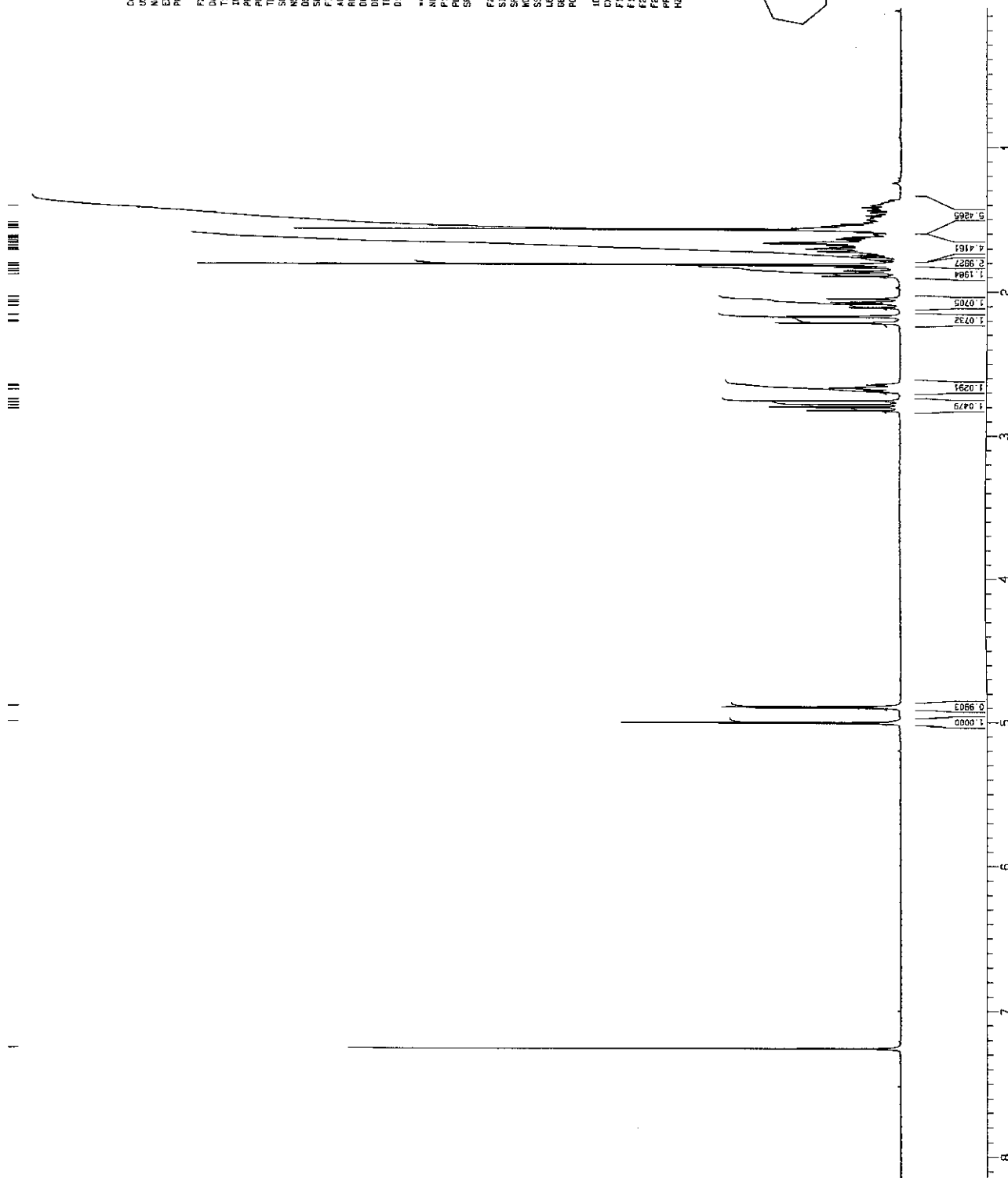
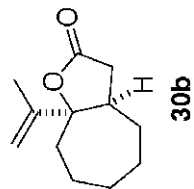
NUC1 1H
 P1 12.00 usec
 PL1 0.00 dB
 SFO1 400.1328009 MHz

F2 - Processing parameters

SF 400.1328009 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 2.00

10 NMR plot parameters

CX 22.60 cm
 FIP 8.982 cps
 F1 3697.85 Hz
 F2 0.043 cps
 F2 17.26 Hz
 PPRCN 0.35248 ppm/cm
 PZCN 157.6494 Hz/cm



Current Data Parameters
 USER: JNKLFJE
 NAME: JPK-11-275008
 EXPNO: 4
 PROCNO: 1

F2 - Acquisition Parameters

Date_: 20010526
 Time: 10.00
 INSTRUM: spect
 PULPROG: zgpg30
 RPPROG: 5 ms gradient
 ALPROG: spect
 TD: 65536
 SOLVENT: CDCl3
 NS: 202
 DS: 2
 SWH: 30303.031 Hz
 FIDRES: 0.462388 Hz
 AQ: 1.0813840 sec
 RG: 4597.6
 DM: 16.500 usec
 DE: 4.30 usec
 TE: 300.0 K
 D1: 0.25000000 sec
 D11: 0.03000000 sec

***** CHANNEL f1 *****

NUC1: 13C
 P1: 6.25 usec
 PL1: 0.00 dB
 SF01: 125.7464456 MHz

***** CHANNEL f2 *****

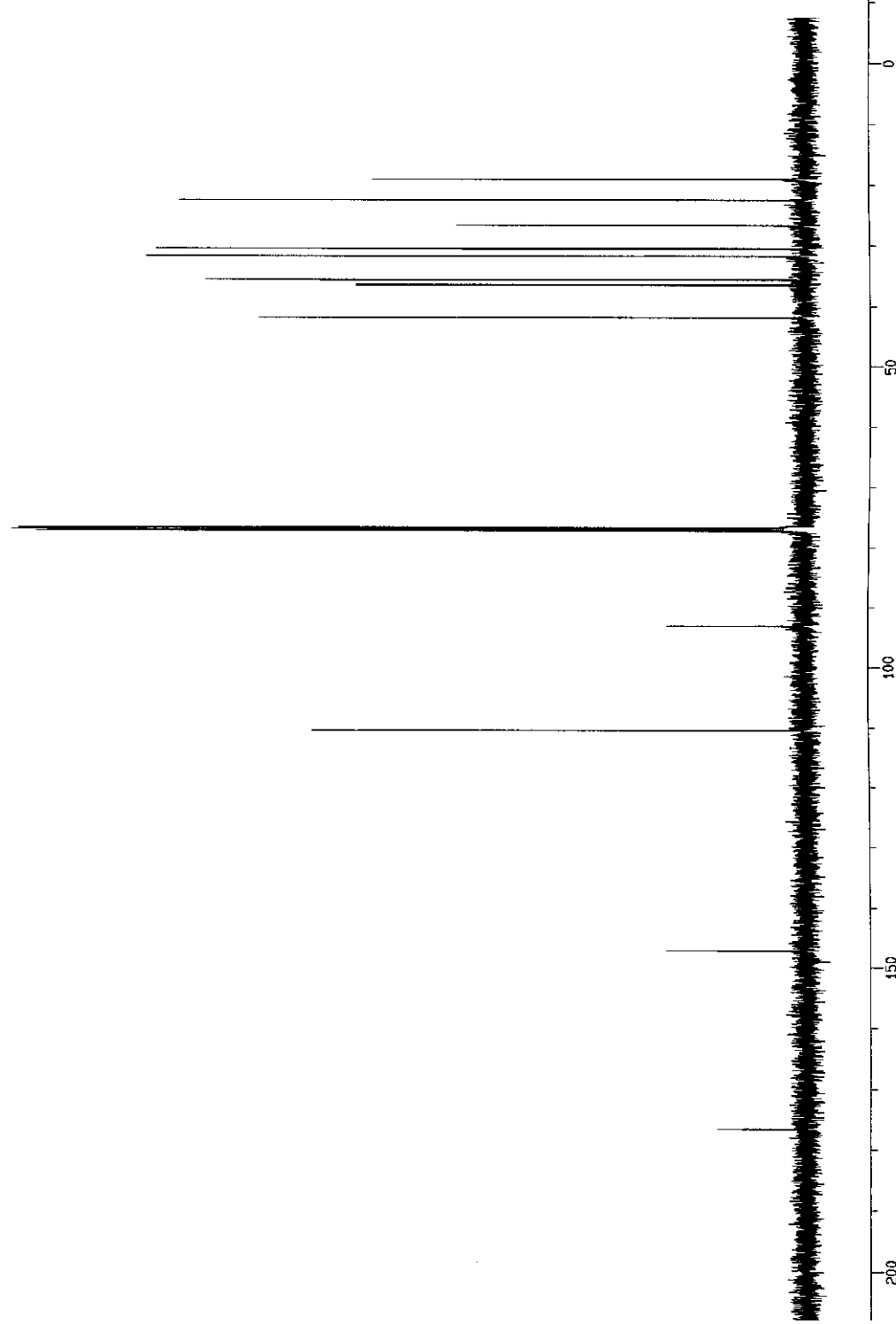
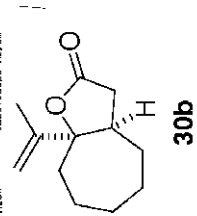
CPDPRG2: waltz16
 NUC2: 1H
 P2: 80.00 usec
 PL2: -3.00 dB
 SF02: 500.0325002 MHz

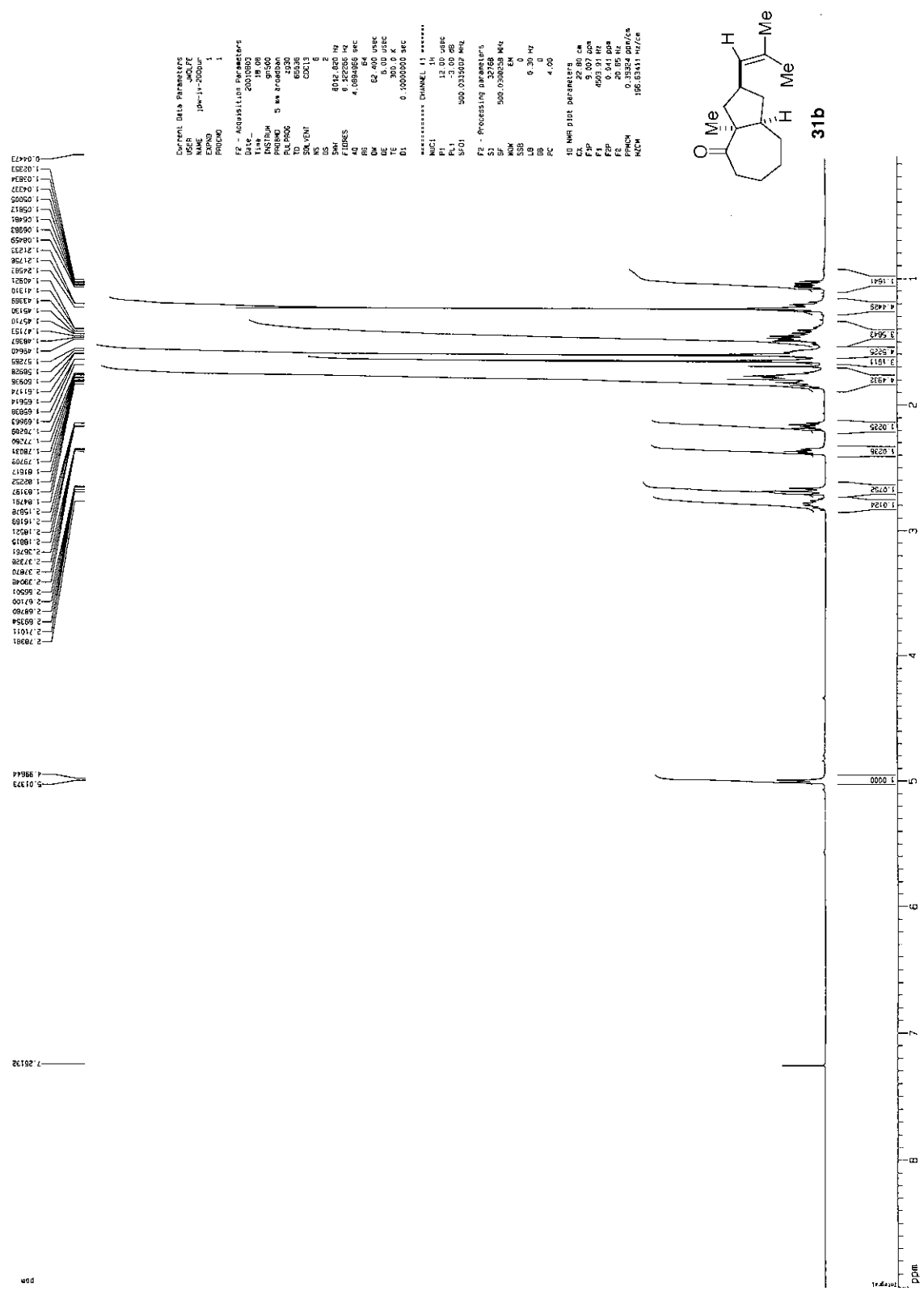
F2 - Processing parameters

SF: 125.7285333 MHz
 NRG: EM
 SSB: 0
 LB: 1.00 Hz
 GB: 0
 PC: 2.00

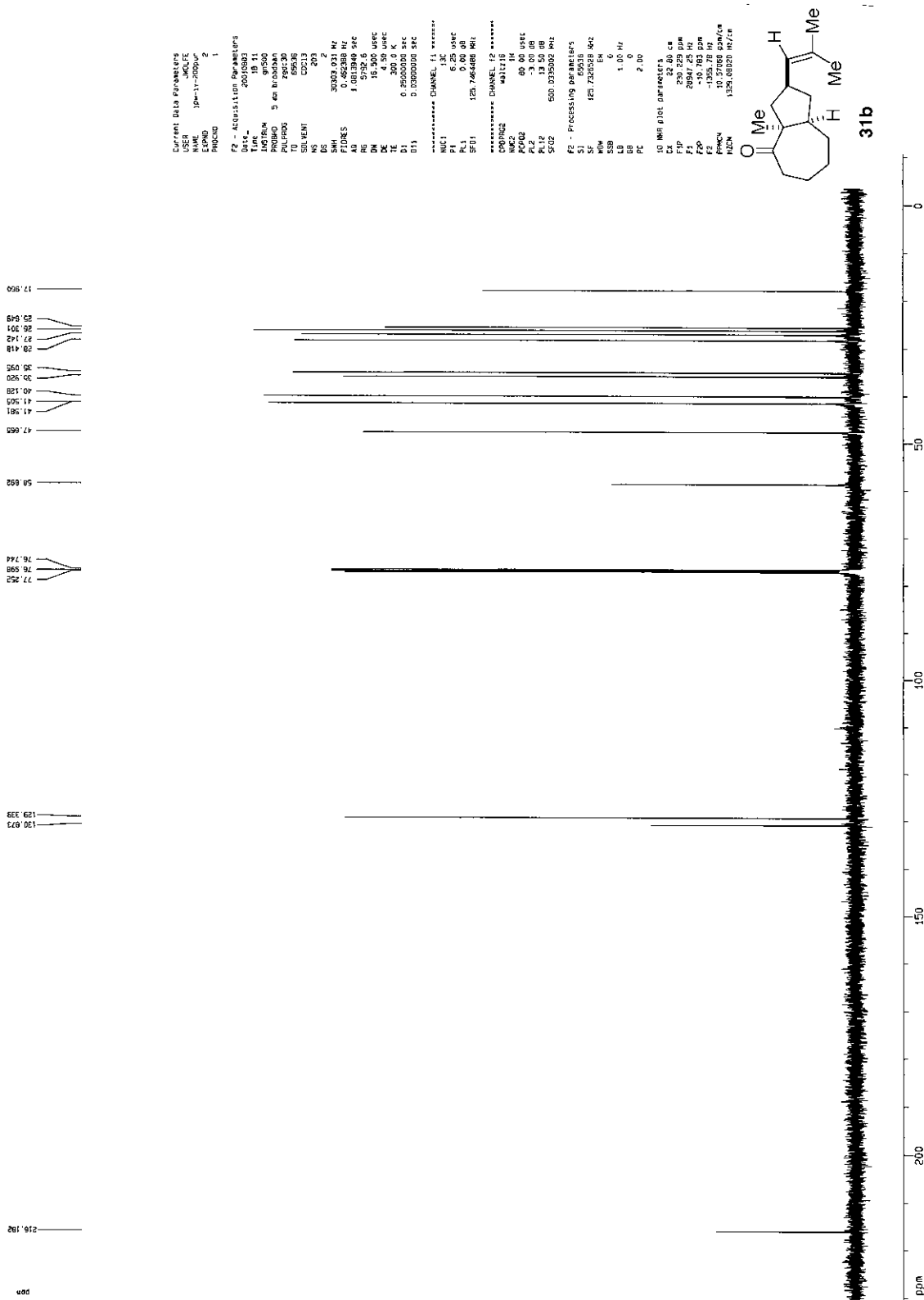
10 MHz plot parameters

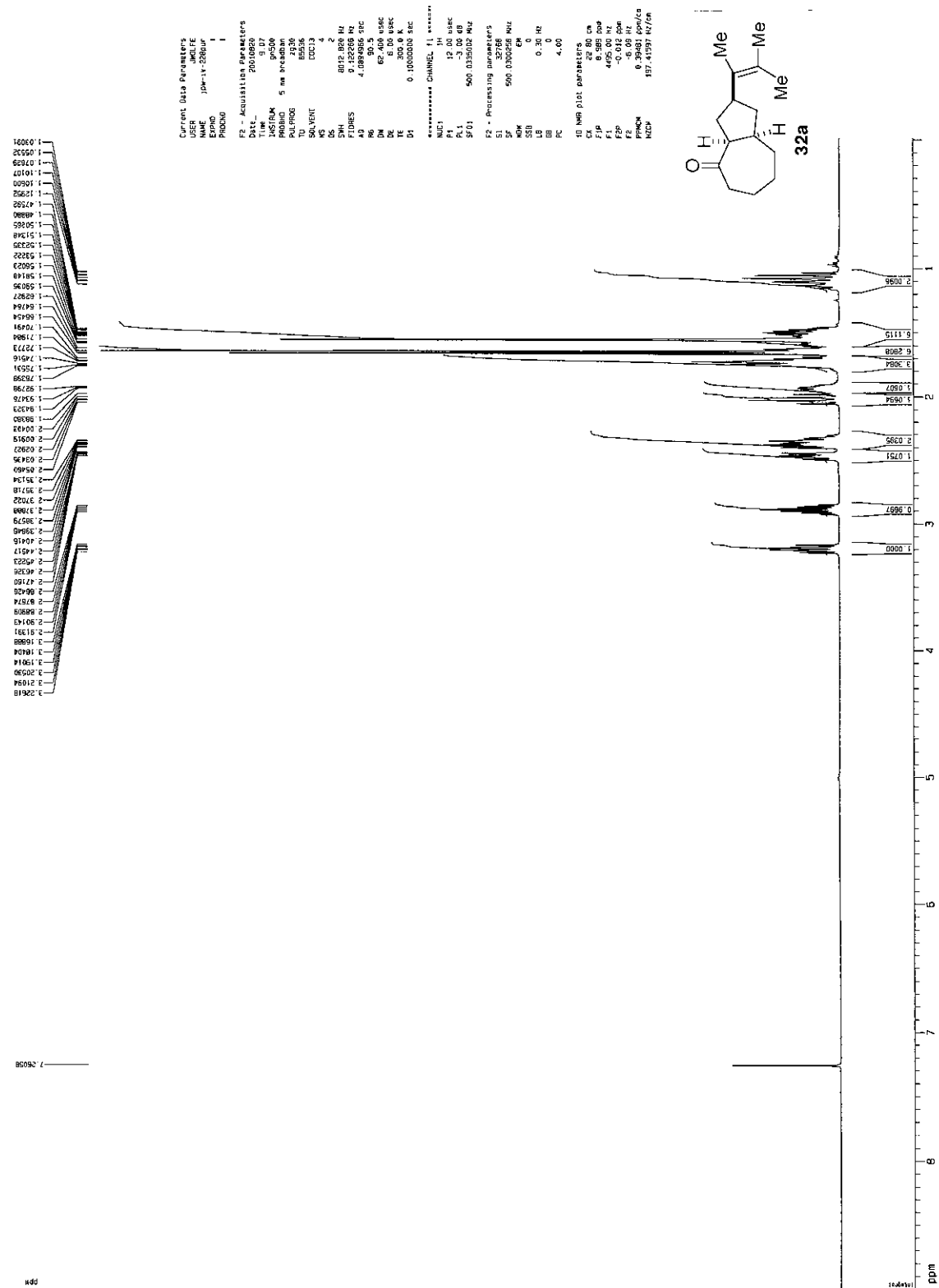
CA: 22.80 cm
 CP: 20.250 DPA
 F1: 20346.783 MHz
 F2: 10.783 MHz
 F2: -1356.24 Hz
 PPMCN: 10.57058 ppm/cm
 MCKN: 1329.00020 Hz/cm





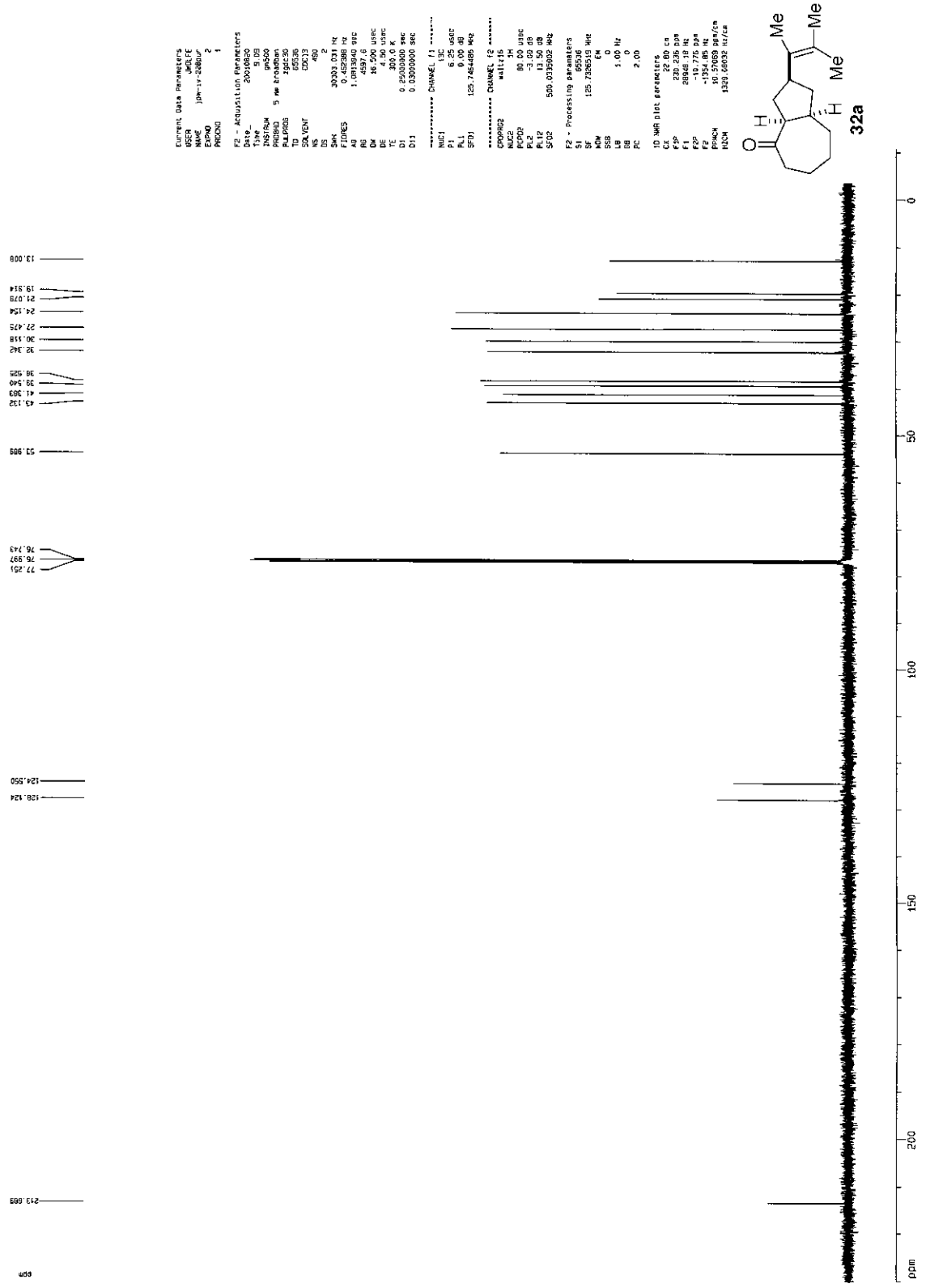
¹³C spectrum with ¹H decoupling

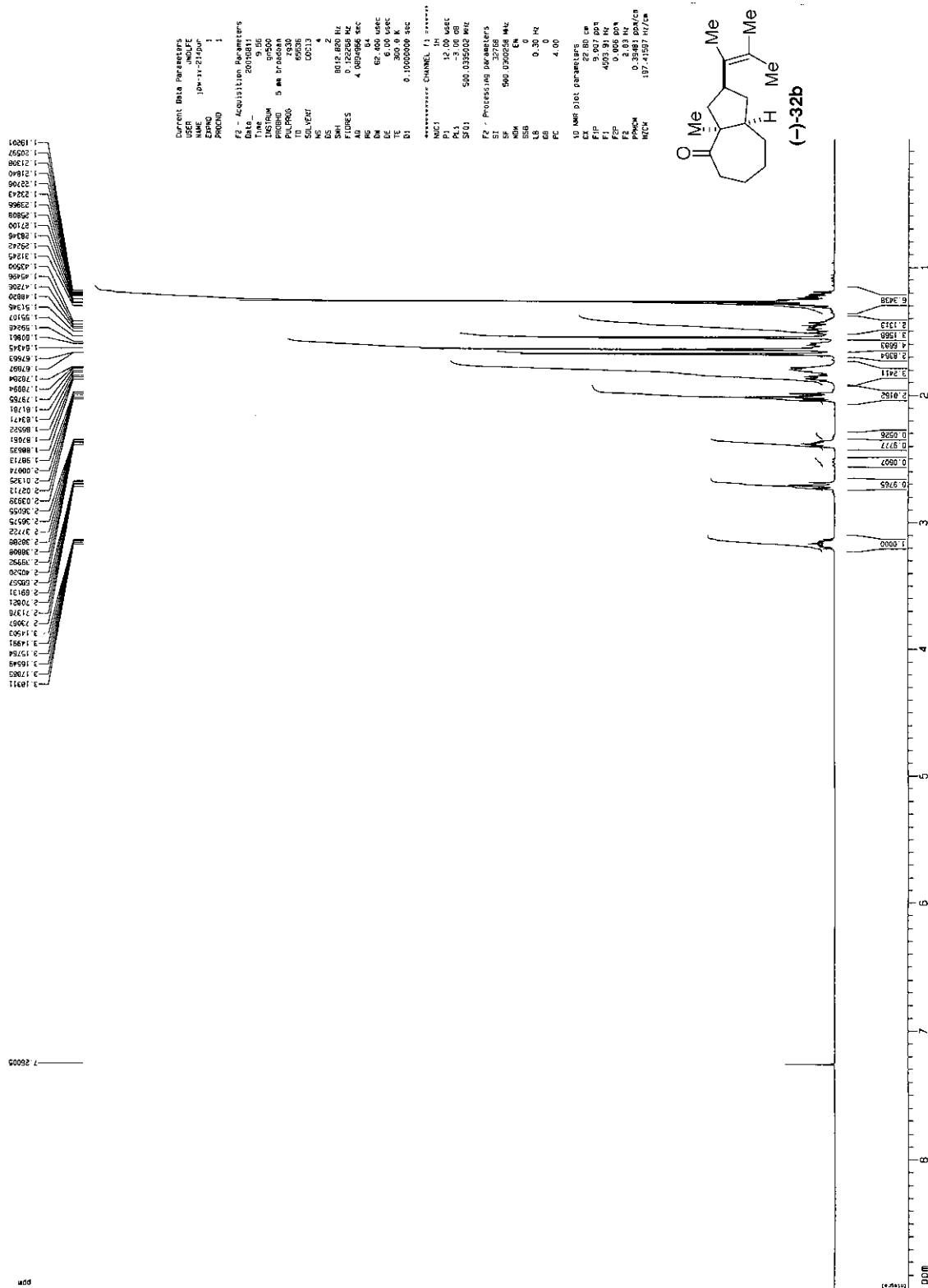




ppm

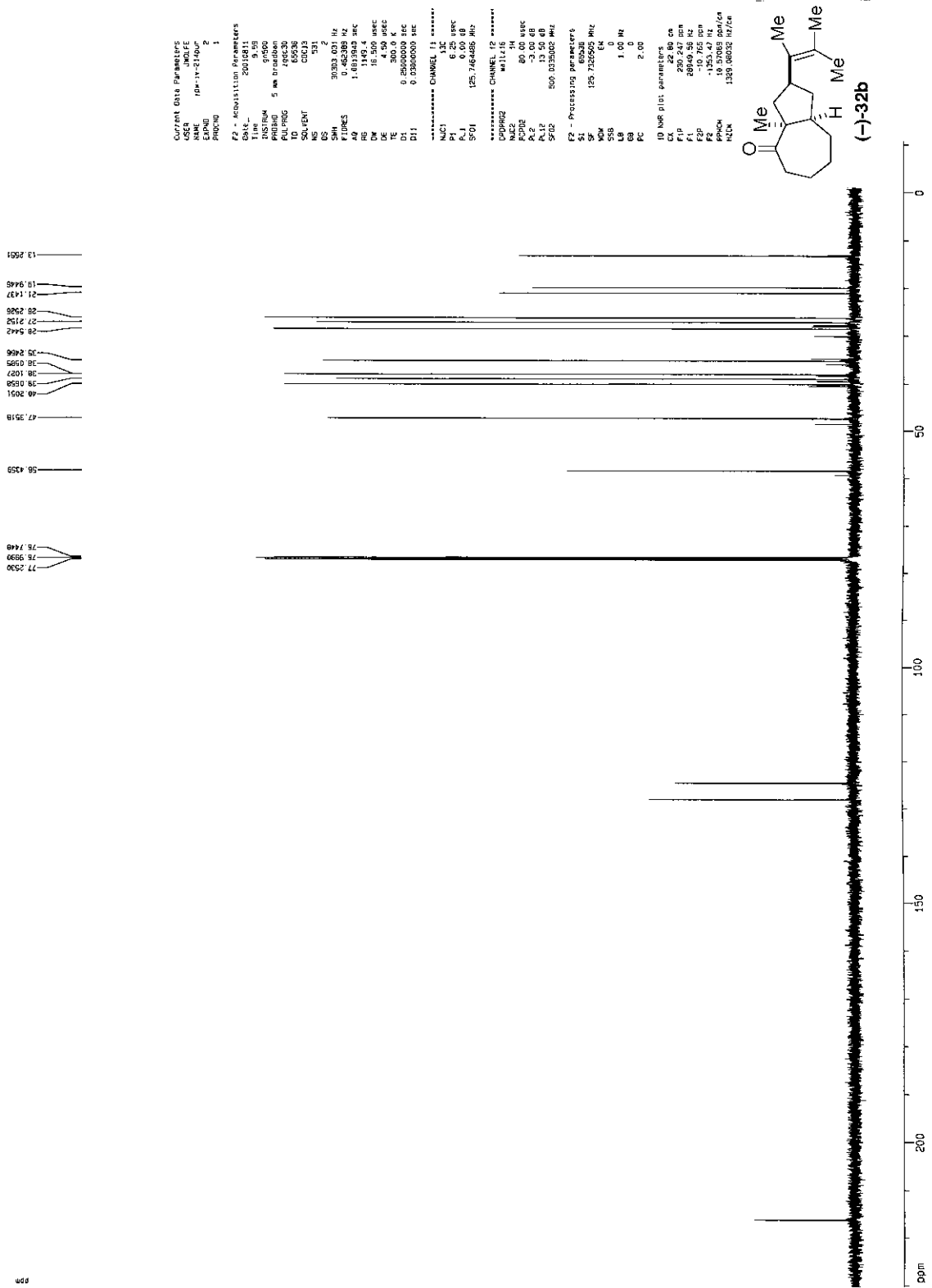
13C spectrum with 1H decoupling





ppm

13C spectrum with 1H decoupling



Data File D:\DATA\JPW\IV109.D

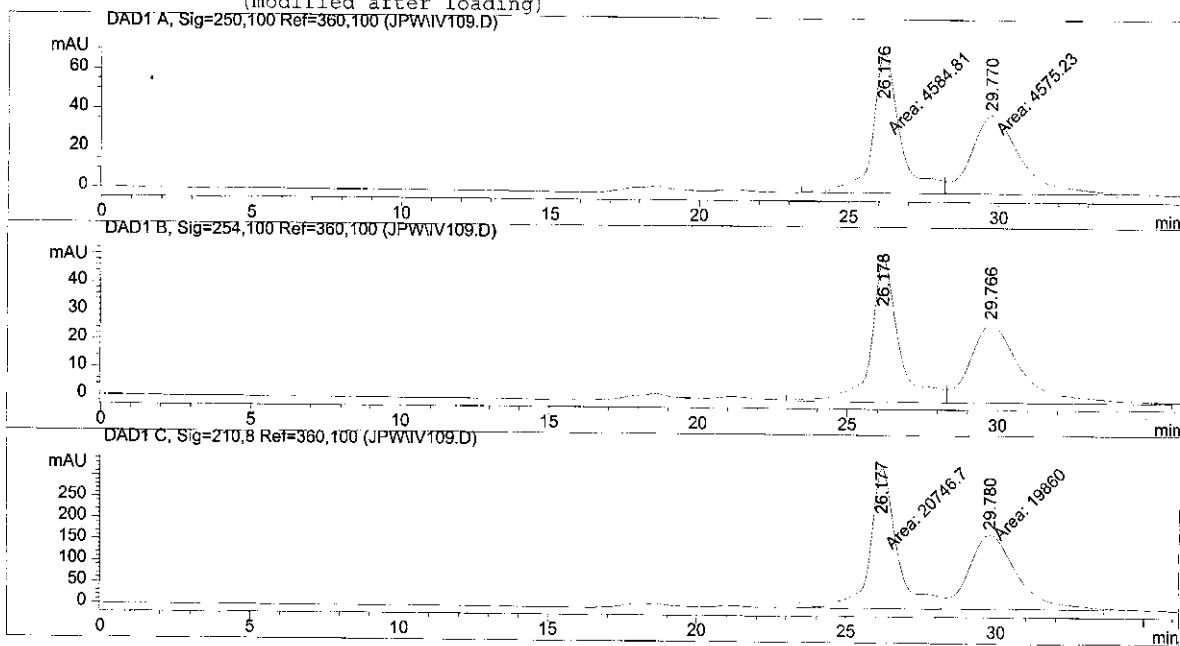
Sample Name: JPWRAC2

0%IPA/HX; ODH: .85 mL/min kaw ODH COLUMN

```

=====
Injection Date   : 2/28/02 3:03:53 PM
Sample Name     : JPWRAC2
Acq. Operator   : JPW
Location        : Vial 51
Inj Volume      : 5 µl
Acq. Method     : D:\METHODS\JPW1.M
Last changed    : 2/28/02 3:02:42 PM by JPW
Analysis Method : D:\METHODS\JPW1.M
Last changed    : 2/28/02 3:42:30 PM by JPW
                  (modified after loading)
=====

```



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=====
Area Percent Report
=====

```

```

Sorted By       : Signal
Multiplier      : 1.0000
Dilution        : 1.0000

```

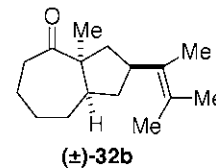
Signal 1: DAD1 A, Sig=250,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	26.176	MF	1.0697	4584.80615	71.43219	50.0523
2	29.770	FM	1.9113	4575.23291	39.89681	49.9477

```
Totals :                9160.03906  111.32900
```

Results obtained with enhanced integrator!

ODH
0.2 mL/min
0.5% IPA/Hexane



e D:\DATA\JPW\IV109.D

Sample Name: JPWRAC2

Signal 2: DAD1 B, Sig=254,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	26.178	VV	0.9617	3349.56909	50.25050	49.9616
2	29.766	VB	1.7047	3354.72241	27.94302	50.0384

Totals : 6704.29150 78.19351

Results obtained with enhanced integrator!

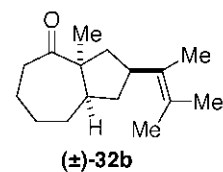
Signal 3: DAD1 C, Sig=210,8 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	26.177	MF	1.0513	2.07467e4	328.89185	51.0919
2	29.780	FM	1.8842	1.98600e4	175.67279	48.9081

Totals : 4.06067e4 504.56464

Results obtained with enhanced integrator!

*** End of Report ***



Data File D:\DATA\JPW\IV109.D

Sample Name: JPWRAC2

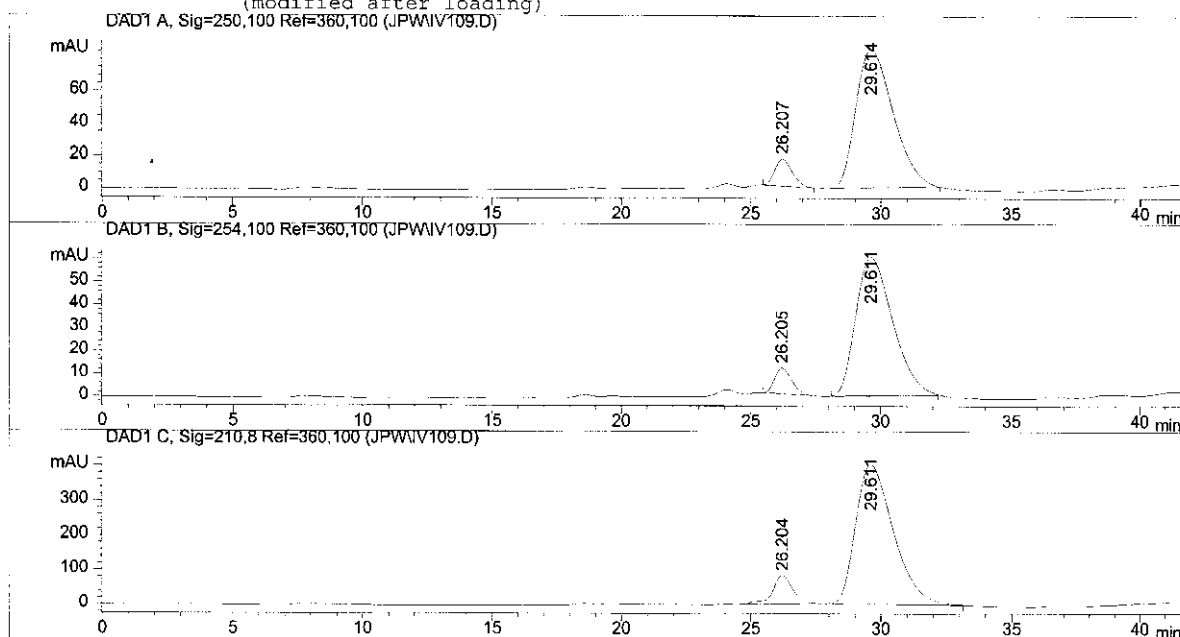
0%IPA/HX; ODH: .85 mL/min kaw ODH COLUMN

```

=====
Injection Date   : 2/28/02 3:44:53 PM
Sample Name     : JPWRAC2
Acq. Operator   : JPW
Location        : Vial 61
Inj Volume     : 5 µl

Acq. Method     : D:\METHODS\JPW1.M
Last changed    : 2/28/02 3:42:30 PM by JPW
Analysis Method : C:\HPCHEM\1\METHODS\BJB.M
Last changed    : 2/28/02 4:45:33 PM by brenda
                  (modified after loading)
=====

```



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=====
Area Percent Report
=====

```

```

Sorted By       : Signal
Multiplier      : 1.0000
Dilution        : 1.0000

```

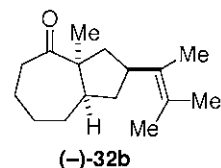
Signal 1: DAD1 A, Sig=250,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	26.207	BB	0.7150	769.20435	16.58660	8.2103
2	29.614	BB	1.4625	8599.58301	86.15791	91.7897

Totals : 9368.78735 102.74451

Results obtained with enhanced integrator!

OB-H
0.2 mL/min
0.5% IPA/Hexane
JPW-IV-71



file D:\DATA\JPW\IV109.D

Sample Name: JPWRAC2

Signal 2: DAD1 B, Sig=254,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	26.205	BB	0.6964	524.20502	11.35808	8.0922
2	29.611	BB	1.4845	5953.70264	60.27113	91.9078

Totals : 6477.90765 71.62922

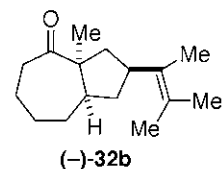
Results obtained with enhanced integrator!

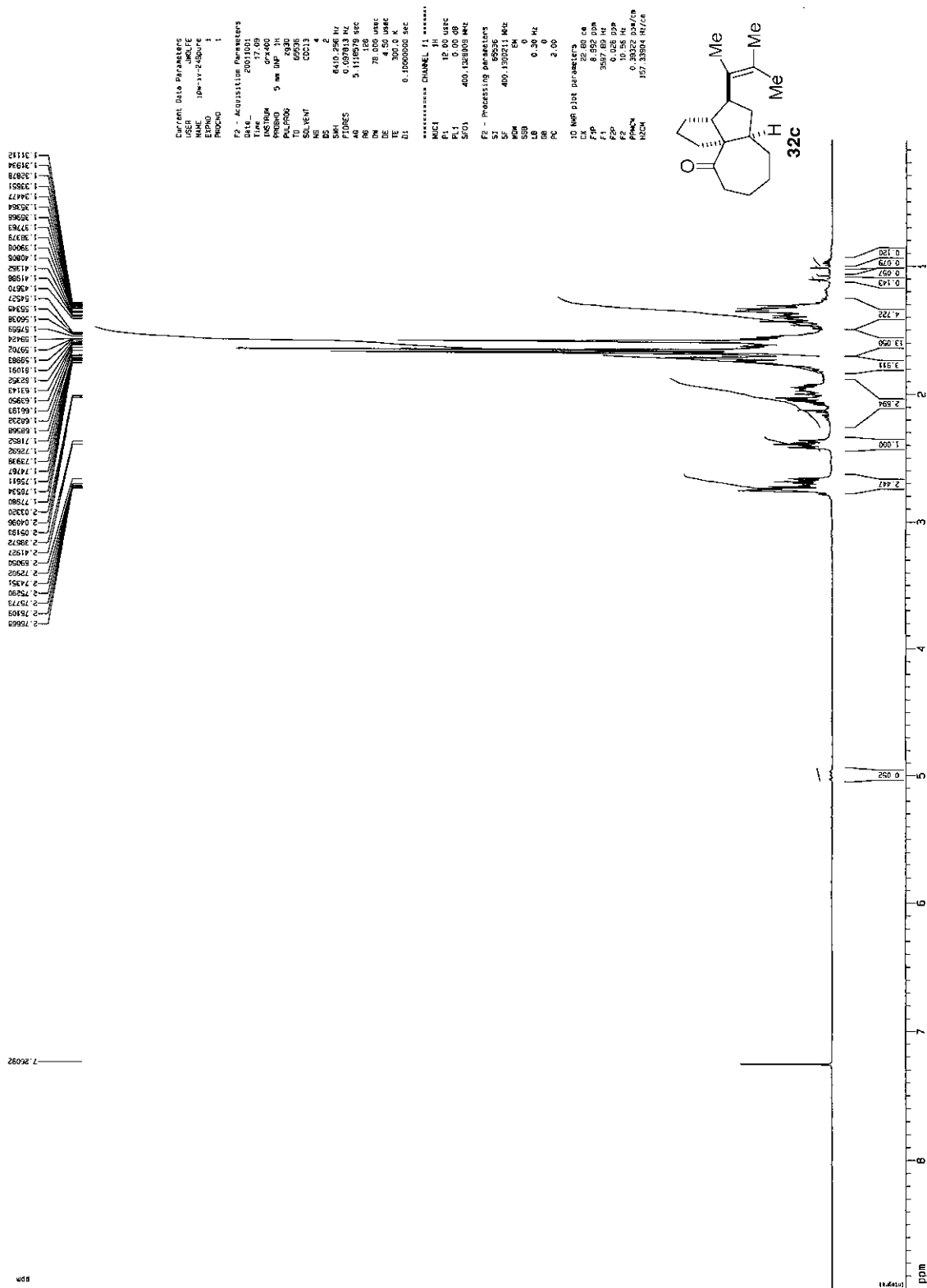
Signal 3: DAD1 C, Sig=210,8 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	26.204	BB	0.8165	4508.89697	82.39099	9.9870
2	29.611	BB	1.5449	4.06386e4	402.16010	90.0130

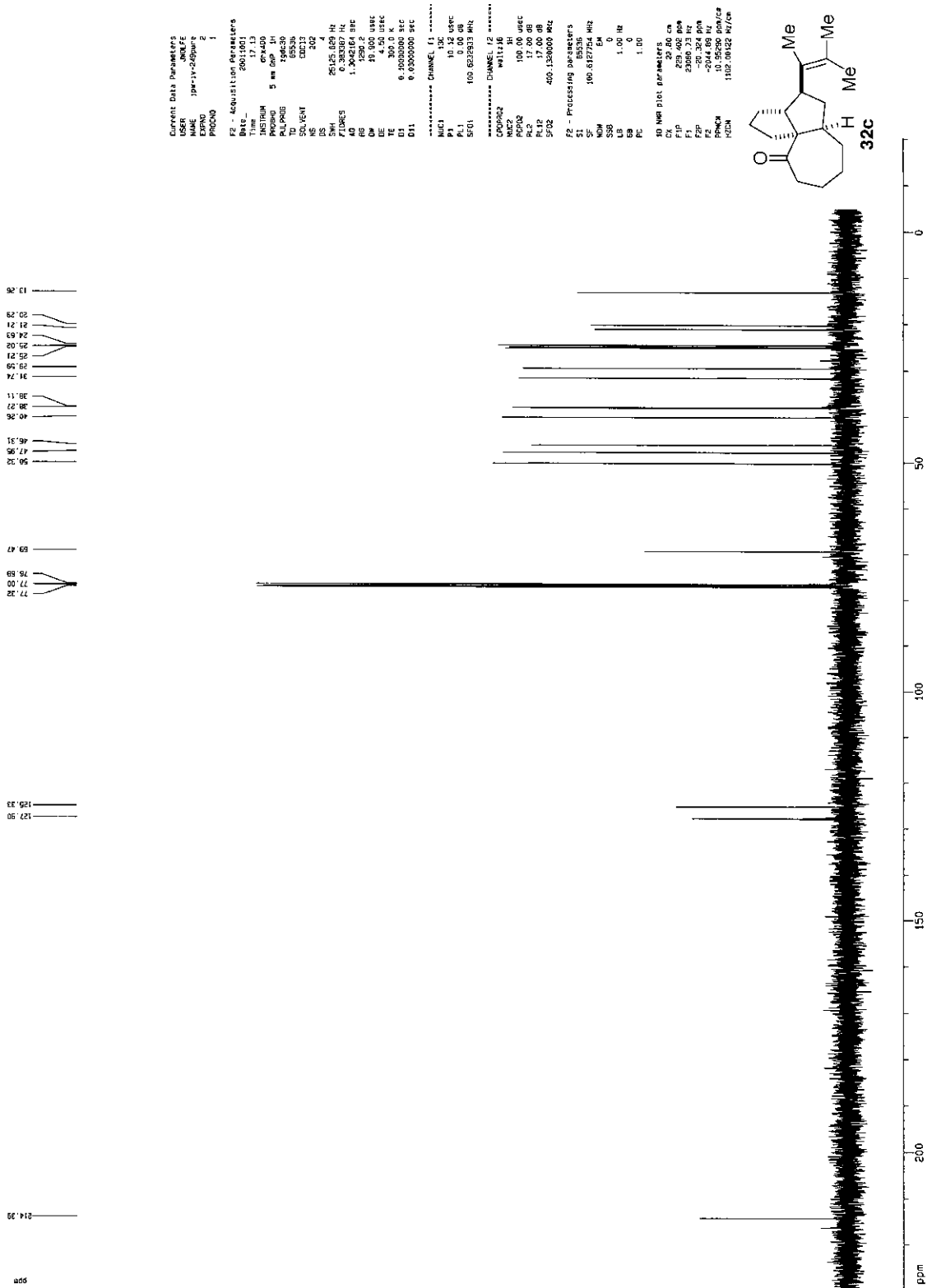
Totals : 4.51475e4 484.55109

Results obtained with enhanced integrator!

=====
*** End of Report ***

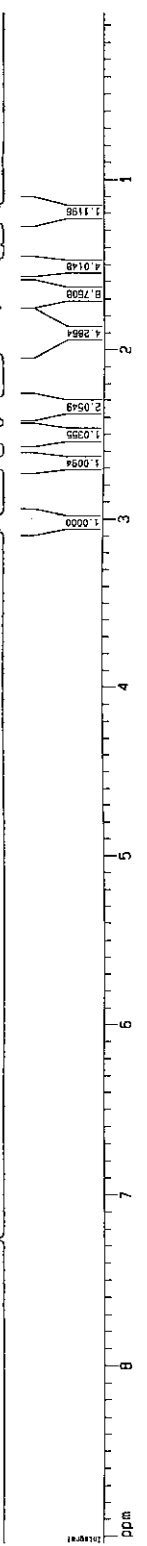
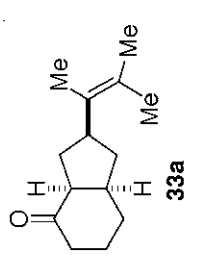


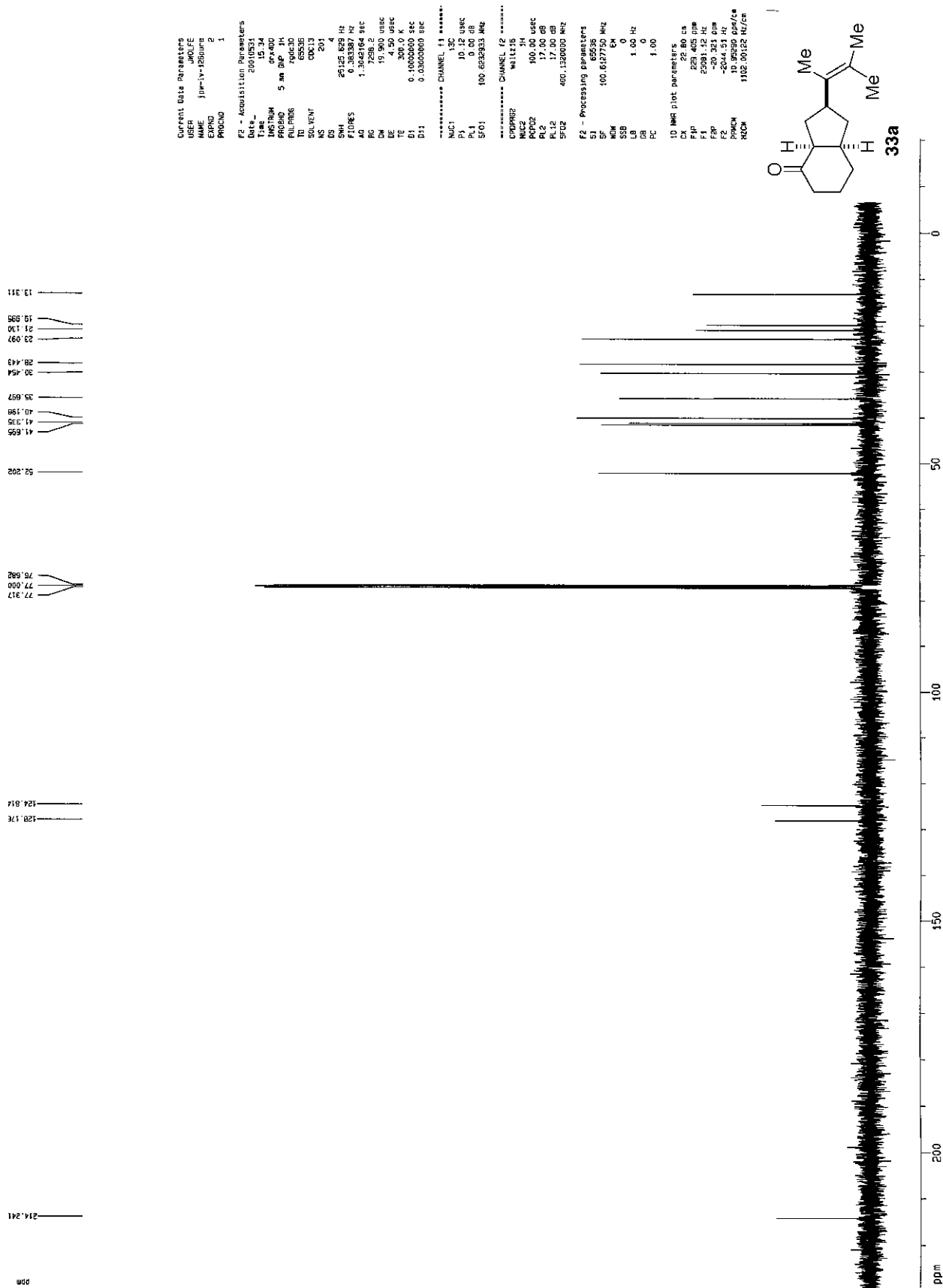
¹³C spectrum with ¹H decoupling



1.10204
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1.30686
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1.38336
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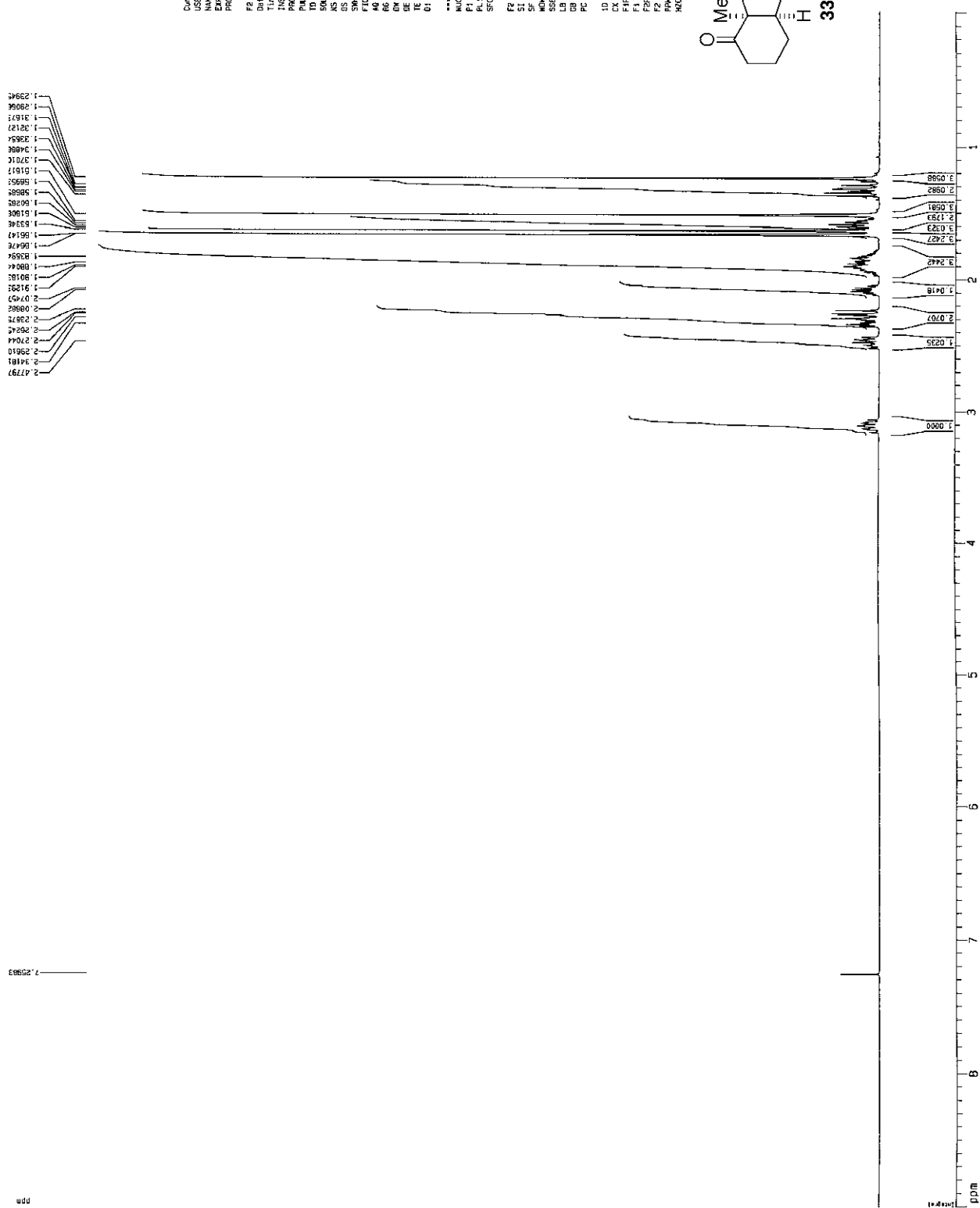
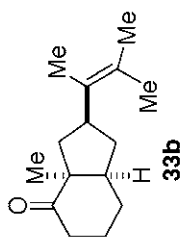
Current Data Parameters
 USER JMW-14-18500's
 JMW-14-18500's
 EXPNO 1
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20010311
 Time 11:03:03
 INSTRUM spect
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 2
 DS 2
 SNH 6410.255 Hz
 FIDRES 0.097613 Hz
 AQ 5.118279 sec
 RG 200.2
 W 4.50 usec
 DE 7.45 usec
 TE 300.0 K
 D1 0.10000000 sec
 ***** CHANNEL f1 *****
 NUCL1 13C
 PL1 12.00 usec
 PL2 0.00 usec
 PL3 0.00 usec
 SFO1 400.1326005 MHz
 F2 - Processing parameters
 SI 32768
 SF 400.1326005 MHz
 EQ 0
 EN 0
 SS 0
 LB 0.30 Hz
 GB 0
 PC 2.00
 10 MHz Plot Parameters
 CX 22.80 cm
 FIP 9.141 ppm
 F1 5617.61 Hz
 F2 0.125 ppm
 PRGCM 0.39412 Hz/cm
 RZCM 159.22130 Hz/cm





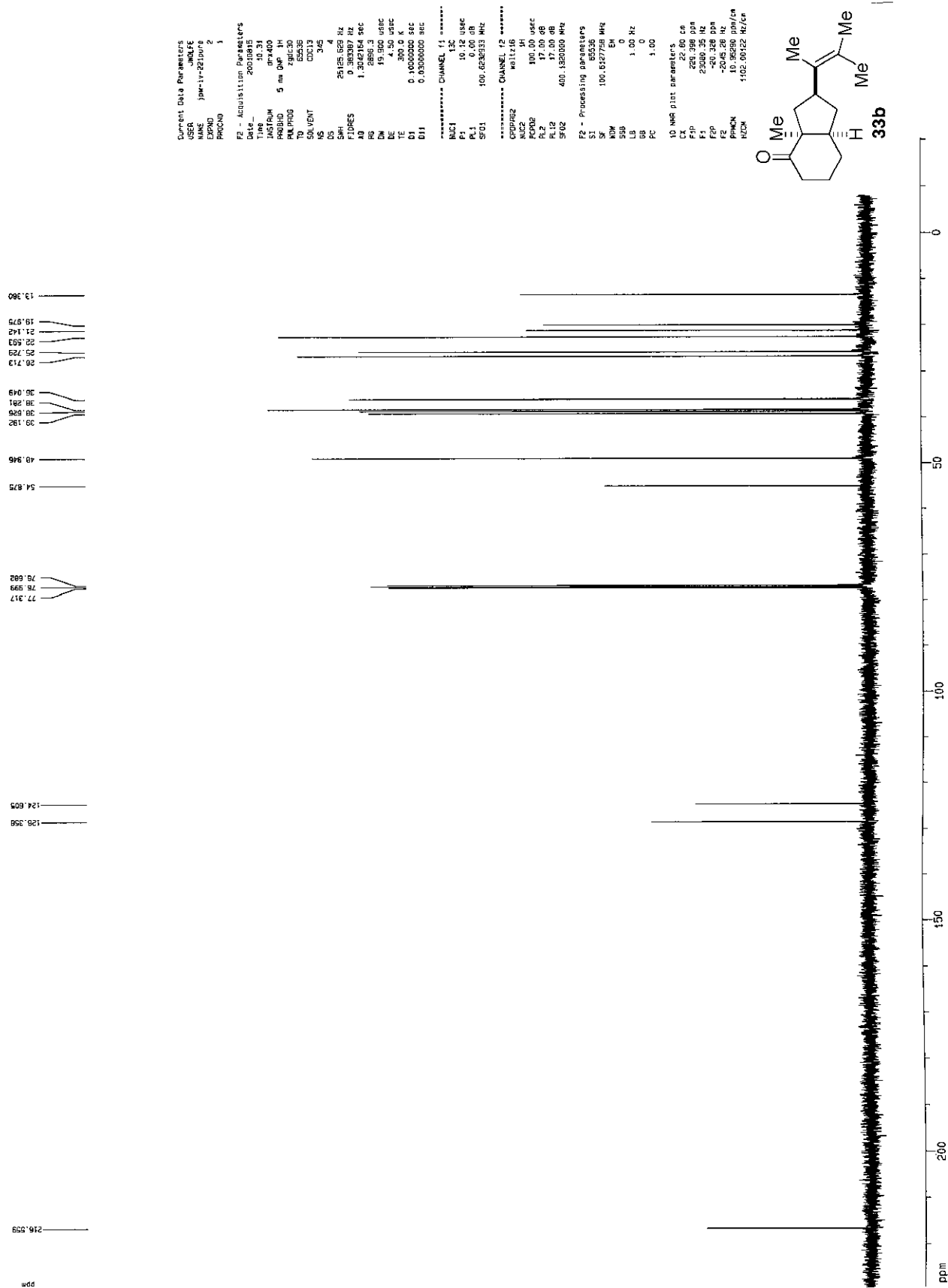
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1.58986
1.60285
1.63346
1.63417
1.66476
1.85954
1.88044
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2.27044
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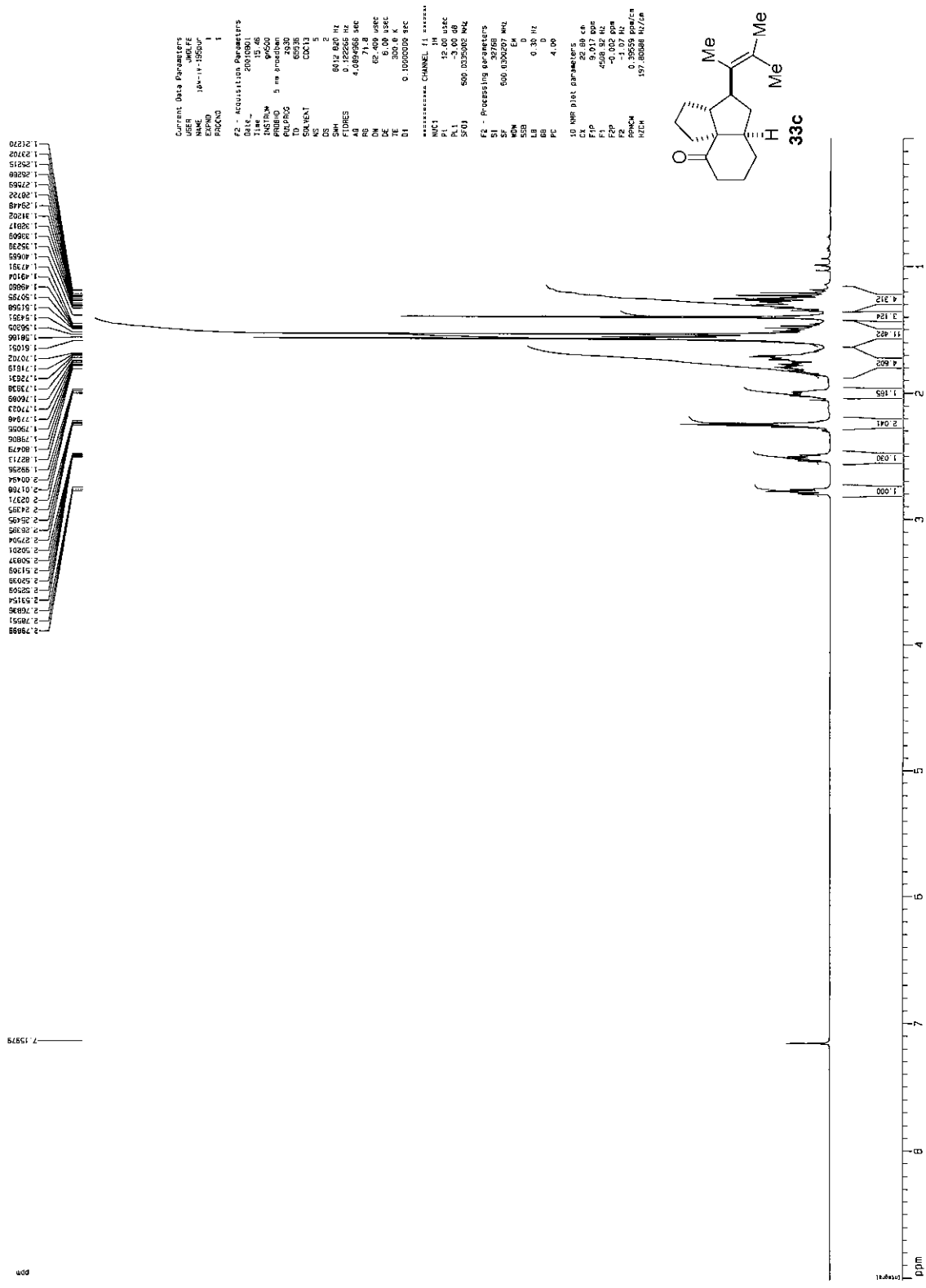
Current Data Parameters
 Name JPM-1V-20100605
 ExpNo 1
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20100605
 Time 13:52:33
 INSTRUM 014000
 PROBHD 5 mm DNP JH
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 2
 DS 2
 SWH 6410.255 Hz
 FIDRES 0.097613 Hz
 AQ 5.110579 sec
 RG 728
 GB 78
 PC 12.00 usec
 DE 4.50 usec
 TE 300.0 K
 D1 0.10000000 sec
 ***** CHANNEL f1 *****
 NUCl 13C
 P1 12.00 usec
 PL1 0.00 dB
 SFO1 400.1326009 MHz
 F2 - Processing parameters
 SI 32768
 SF 400.1326013 MHz
 MGW 0
 EN 0
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 2.00
 ID NMR plot parameters
 CX 22.80 cm
 FIP 9.000 ppm
 F1 3804.40 Hz
 F2 9.000 ppm
 F3 3.05 Hz
 FWHM 0.39542 ppm/cm
 AQCW 158.22130 Hz/cm



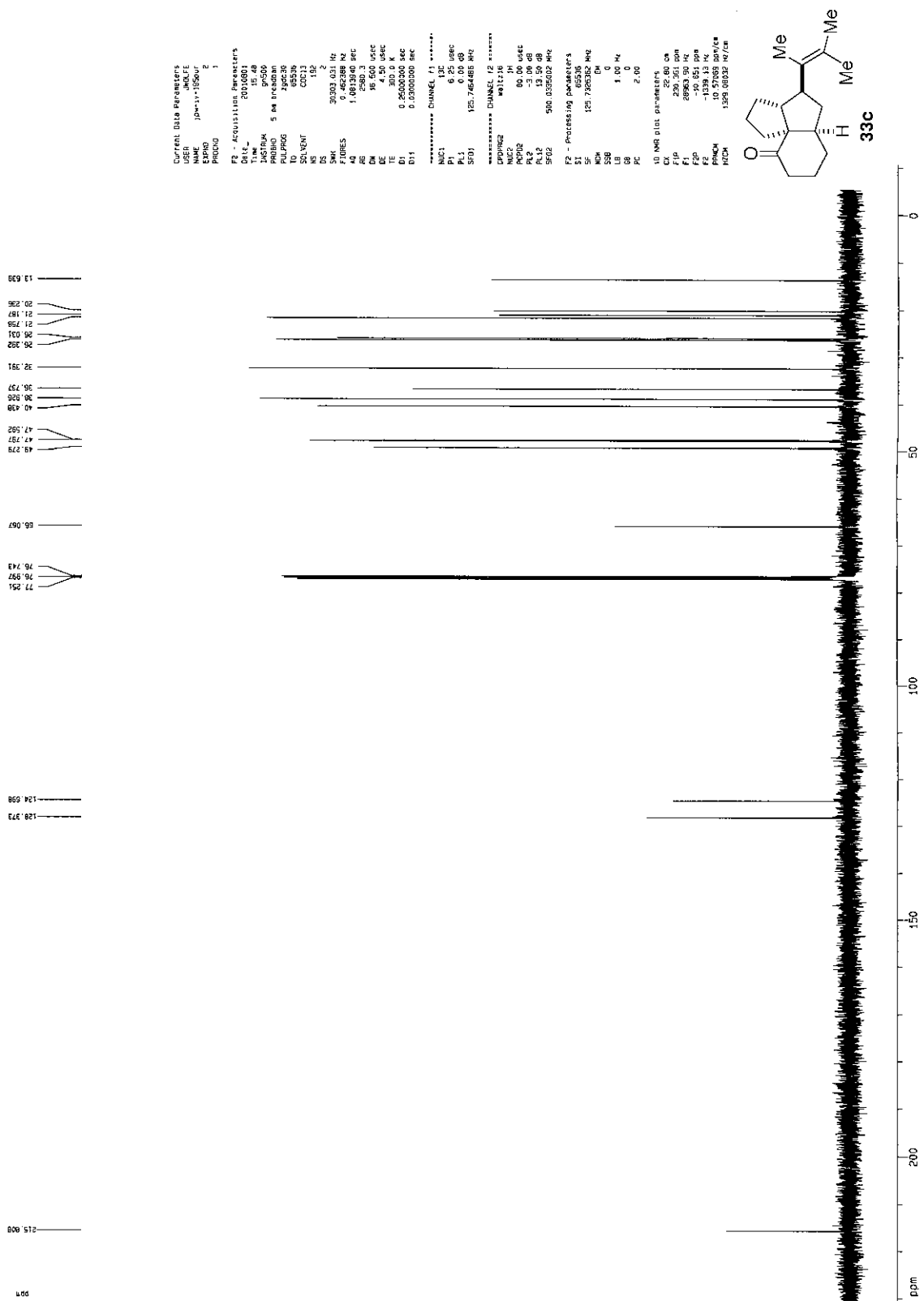
7.25983

ppm





¹³C spectrum with ¹H decoupling



Current Data Parameters
 USER JMLFE
 NAME JP-11-15601
 NMRS 1
 PROCSS 1

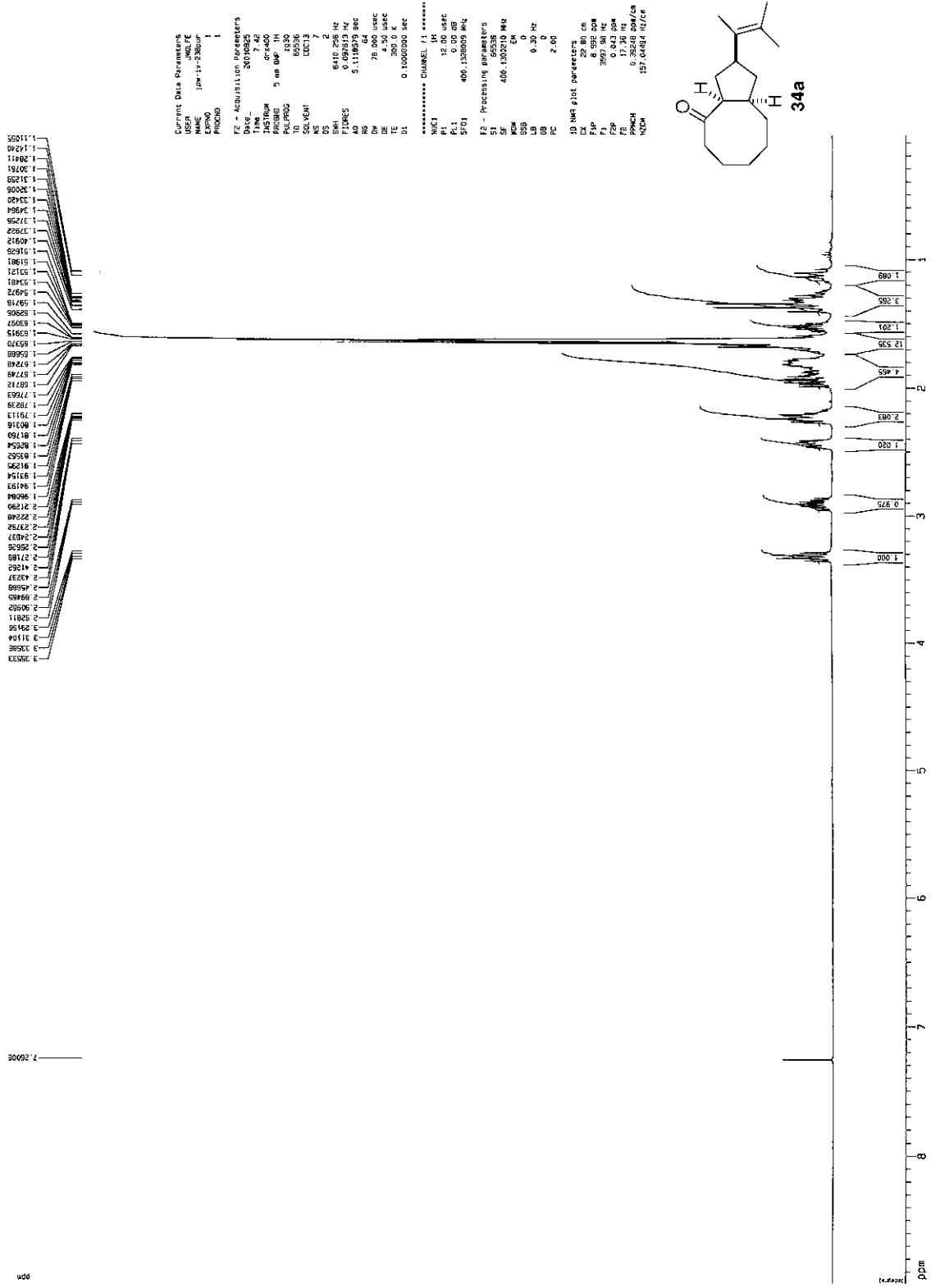
F2 - Acquisition Parameters
 Date_ Time 15.48
 EVAPOR 0
 INSTRUM P5000
 PULPROG 5 wa Inversion
 TOUPOG 2
 FIDRES 0.65536
 SOLVENT CDCl3
 NS 16
 SM 3000.031 Hz
 F2FRES 0.462388 Hz
 AQ 1.0813940 SEC
 RG 655.36
 DM 98.660 SEC
 DE 4.50 USEC
 TE 300.0 K
 D1 0.56500000 SEC
 D11 0.02000000 SEC

***** CHANNEL f1 *****
 NU1 13C
 P1 6.25 USEC
 PL1 0.00 dB
 SF1 125.760485 MHz

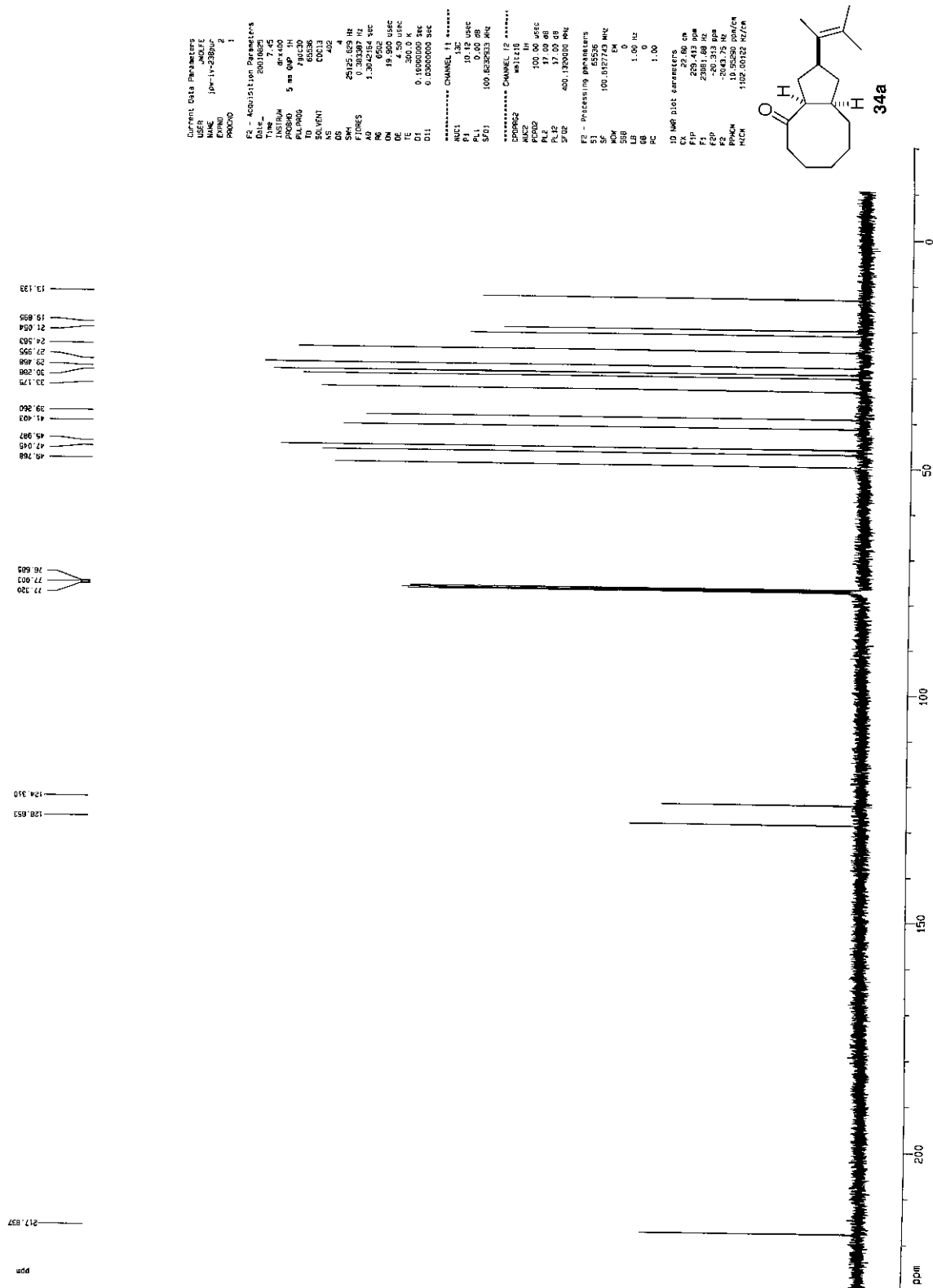
***** CHANNEL f2 *****
 DPDRG2 WALTZ16
 NU2 1H
 P2 10.00 USEC
 PL2 19.00 dB
 PL12 13.50 dB
 SF12 500.0326002 MHz

F2 - Processing parameters
 SI 1
 SF 125.760362 MHz
 G 0
 LB 1.00 Hz
 GB 0
 PC 2.00

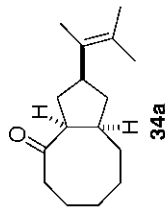
10 MHz D101 parameters
 EX 22.80 cm
 F1 250.051 GHz
 F2 500.131 GHz
 F3 750.196 GHz
 F4 1000.261 GHz
 F5 1250.326 GHz
 F6 1500.391 GHz
 F7 1750.456 GHz
 F8 2000.521 GHz
 F9 2250.586 GHz
 F10 2500.651 GHz
 F11 2750.716 GHz
 F12 3000.781 GHz
 F13 3250.846 GHz
 F14 3500.911 GHz
 F15 3750.976 GHz
 F16 4001.041 GHz
 F17 4251.106 GHz
 F18 4501.171 GHz
 F19 4751.236 GHz
 F20 5001.301 GHz
 F21 5251.366 GHz
 F22 5501.431 GHz
 F23 5751.496 GHz
 F24 6001.561 GHz
 F25 6251.626 GHz
 F26 6501.691 GHz
 F27 6751.756 GHz
 F28 7001.821 GHz
 F29 7251.886 GHz
 F30 7501.951 GHz
 F31 7752.016 GHz
 F32 8002.081 GHz
 F33 8252.146 GHz
 F34 8502.211 GHz
 F35 8752.276 GHz
 F36 9002.341 GHz
 F37 9252.406 GHz
 F38 9502.471 GHz
 F39 9752.536 GHz
 F40 10002.601 GHz
 F41 10252.666 GHz
 F42 10502.731 GHz
 F43 10752.796 GHz
 F44 11002.861 GHz
 F45 11252.926 GHz
 F46 11502.991 GHz
 F47 11753.056 GHz
 F48 12003.121 GHz
 F49 12253.186 GHz
 F50 12503.251 GHz
 F51 12753.316 GHz
 F52 13003.381 GHz
 F53 13253.446 GHz
 F54 13503.511 GHz
 F55 13753.576 GHz
 F56 14003.641 GHz
 F57 14253.706 GHz
 F58 14503.771 GHz
 F59 14753.836 GHz
 F60 15003.901 GHz
 F61 15253.966 GHz
 F62 15504.031 GHz
 F63 15754.096 GHz
 F64 16004.161 GHz
 F65 16254.226 GHz
 F66 16504.291 GHz
 F67 16754.356 GHz
 F68 17004.421 GHz
 F69 17254.486 GHz
 F70 17504.551 GHz
 F71 17754.616 GHz
 F72 18004.681 GHz
 F73 18254.746 GHz
 F74 18504.811 GHz
 F75 18754.876 GHz
 F76 19004.941 GHz
 F77 19255.006 GHz
 F78 19505.071 GHz
 F79 19755.136 GHz
 F80 20005.201 GHz
 F81 20255.266 GHz
 F82 20505.331 GHz
 F83 20755.396 GHz
 F84 21005.461 GHz
 F85 21255.526 GHz
 F86 21505.591 GHz
 F87 21755.656 GHz
 F88 22005.721 GHz
 F89 22255.786 GHz
 F90 22505.851 GHz
 F91 22755.916 GHz
 F92 23005.981 GHz
 F93 23256.046 GHz
 F94 23506.111 GHz
 F95 23756.176 GHz
 F96 24006.241 GHz
 F97 24256.306 GHz
 F98 24506.371 GHz
 F99 24756.436 GHz
 F100 25006.501 GHz



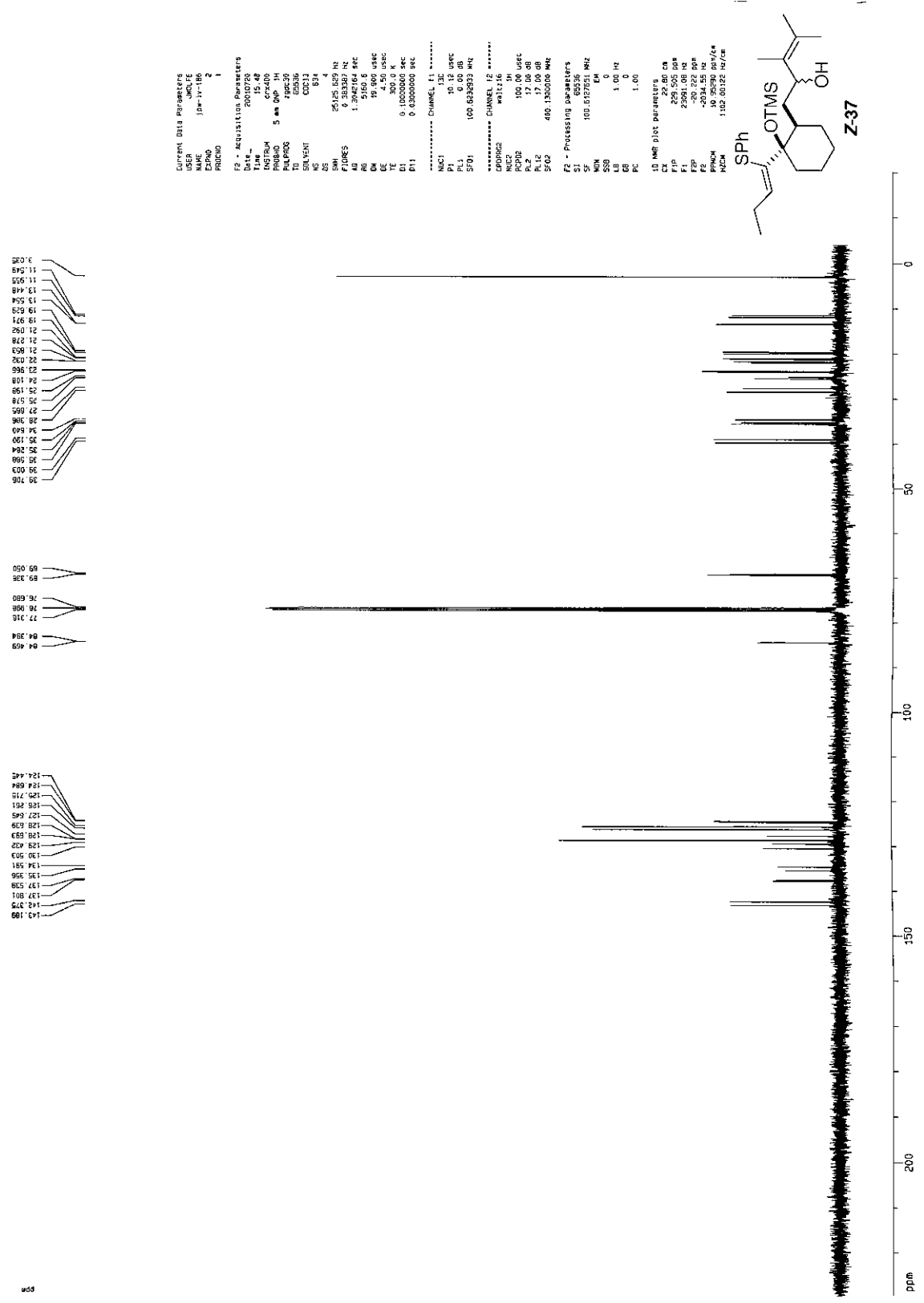
¹³C spectrum with ¹H decoupling

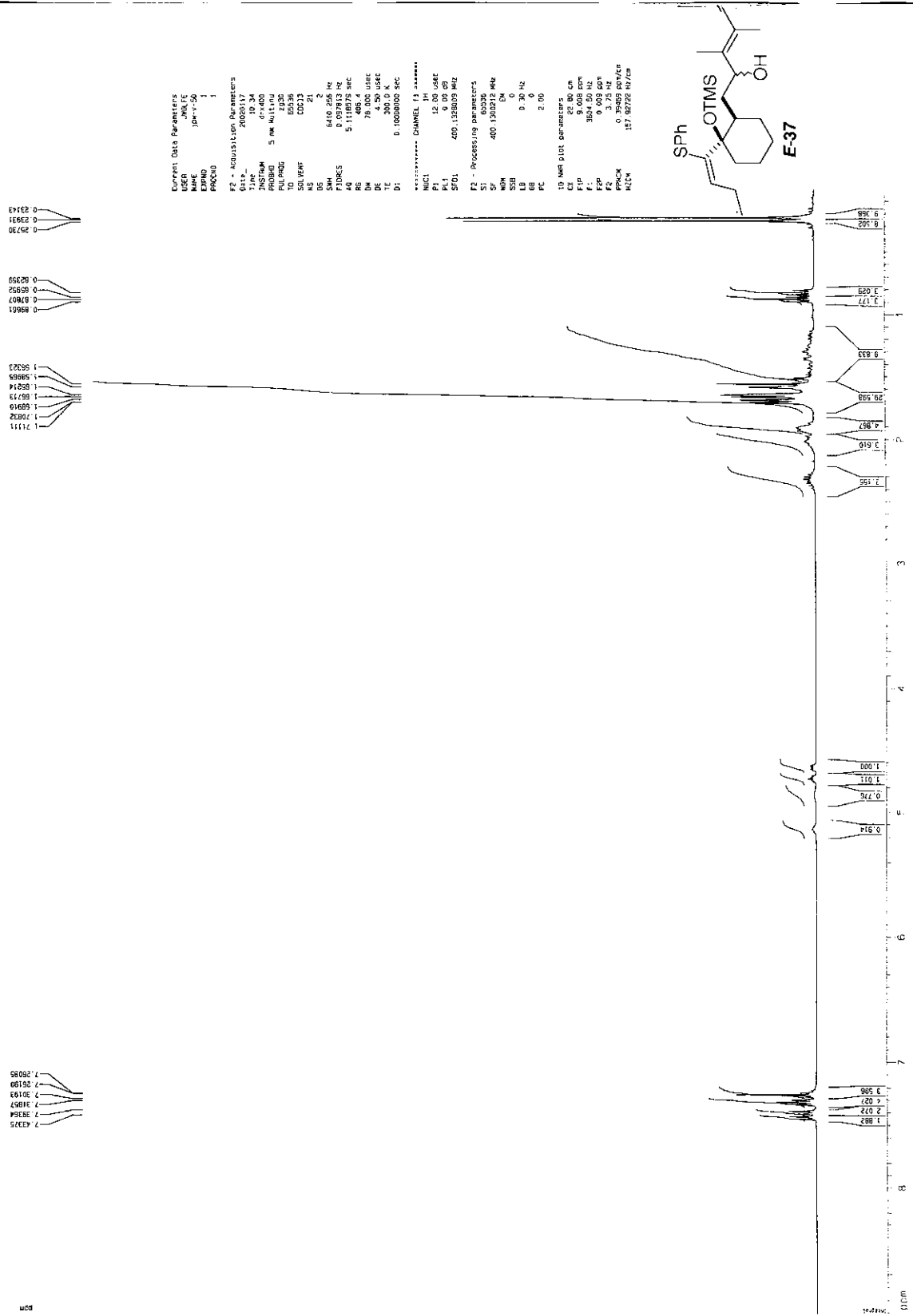


Current Data Parameters
 NAME JACOZE
 EXPNO 2
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20010820
 Time 7.45
 INSTRUM spect
 PULPROG zgpg30
 TO 65.536
 SOLVENT CDCl3
 DS 4
 SWH 25145.829 Hz
 FIDRES 0.393309 Hz
 AQ 1.366656 sec
 RG 658
 ON 19.500 USEC
 DE 4.50 USEC
 TE 300.2 K
 D1 0.10000000 sec
 D11 0.03000000 sec
 ***** CHANNEL f1 *****
 NUC1 13C
 P1 10.12 USEC
 PL1 0.00 dB
 SFO1 100.626183 MHz
 ***** CHANNEL f2 *****
 DPROG2 waltz16
 P2 10.12 USEC
 PL2 17.00 dB
 SFO2 400.142600 MHz
 F2 - Processing parameters
 SI 32768
 SF 100.6127724 MHz
 WDM 4
 LB 1.00 Hz
 GB 0
 PC 1.00

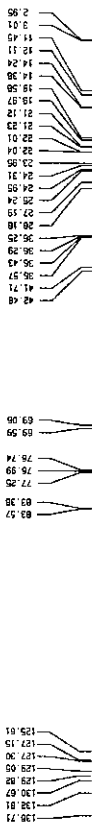


1D NMR list parameters
 F1p 23.00 cm
 F1 23081.68 Hz
 F2p -20.313 ppm
 F2 -20.313 ppm
 P1 1.00 sec
 P2 1.00 sec
 P3 1.00 sec
 P4 1.00 sec
 P5 1.00 sec
 P6 1.00 sec
 P7 1.00 sec
 P8 1.00 sec
 P9 1.00 sec
 P10 1.00 sec
 P11 1.00 sec
 P12 1.00 sec
 P13 1.00 sec
 P14 1.00 sec
 P15 1.00 sec
 P16 1.00 sec
 P17 1.00 sec
 P18 1.00 sec
 P19 1.00 sec
 P20 1.00 sec
 P21 1.00 sec
 P22 1.00 sec
 P23 1.00 sec
 P24 1.00 sec
 P25 1.00 sec
 P26 1.00 sec
 P27 1.00 sec
 P28 1.00 sec
 P29 1.00 sec
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 P31 1.00 sec
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 P90 1.00 sec
 P91 1.00 sec
 P92 1.00 sec
 P93 1.00 sec
 P94 1.00 sec
 P95 1.00 sec
 P96 1.00 sec
 P97 1.00 sec
 P98 1.00 sec
 P99 1.00 sec
 P100 1.00 sec





¹³C spectrum with ¹H decoupling



Current Data Parameters
 NAME 100-7-95
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters

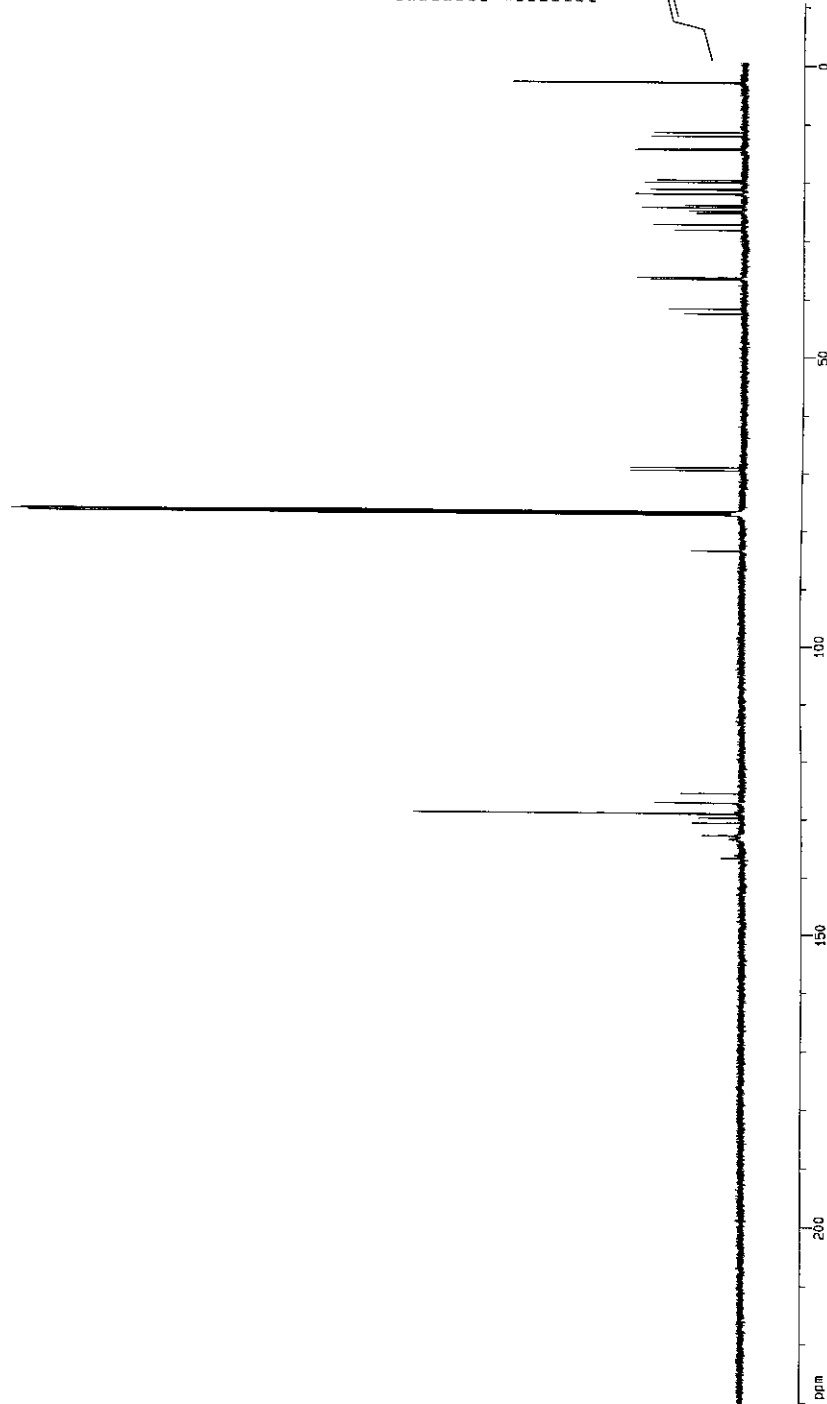
Date_ 20030117
 Time 11:34
 PULPROG zgpg30
 PROCNO 5
 F2 100.626130
 TO 10.000000
 DELTA 2.000000
 INSTRUM spect
 NS 2048
 DS 2
 SFO 500.13626130
 AQ 1.000000
 RG 1024
 AC 11888.2
 DM 15.500 uSBC
 DE 2.000 uSBC
 TE 300.2
 O1 0.25000000 SEC
 O11 0.03000000 SEC

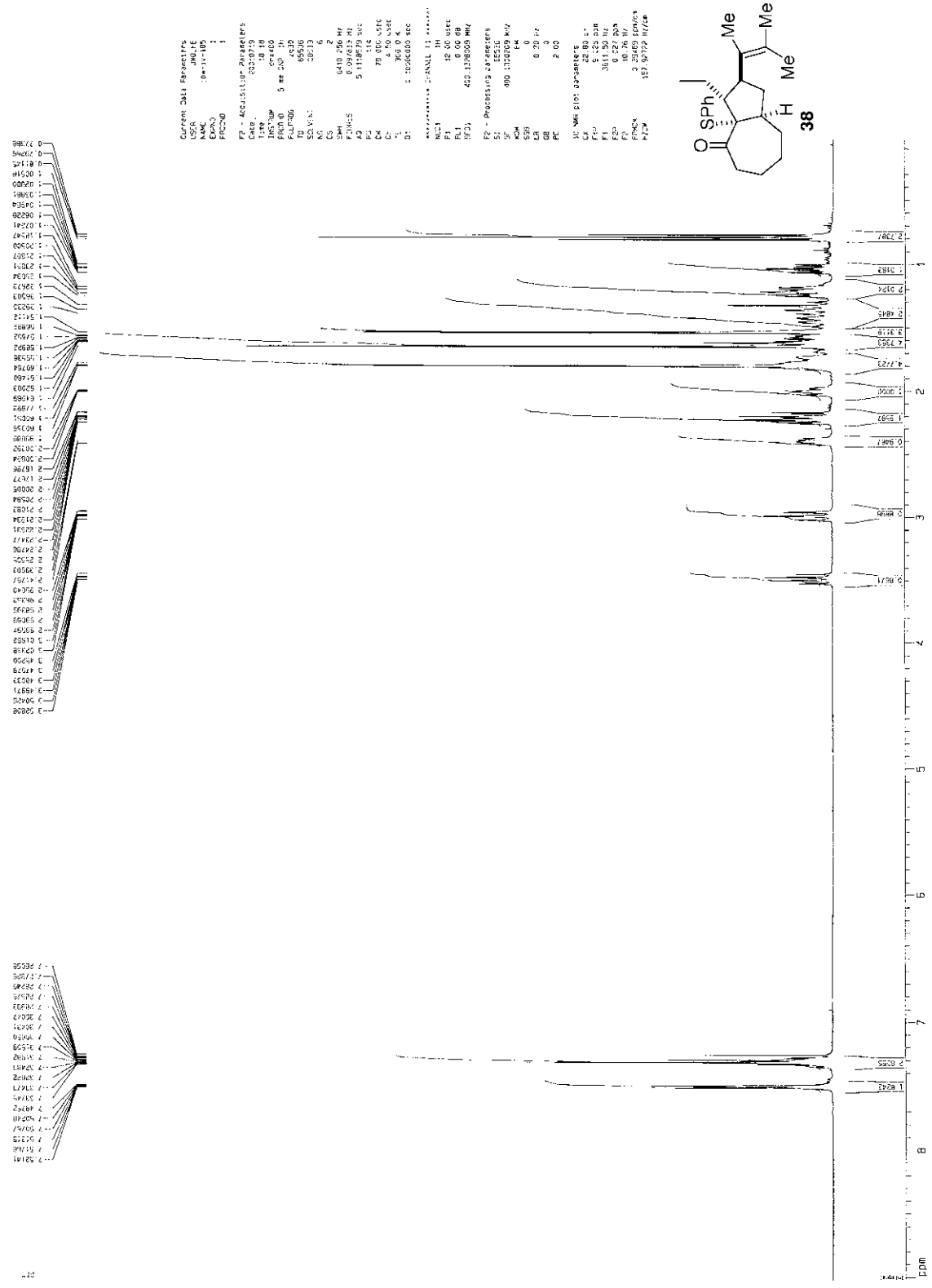
***** CHANNEL f1 *****
 NUC1 13C
 P1 6.25 uSEC
 PL1 0.00 dB
 SF1 125.762656182

***** CHANNEL f2 *****
 CHANNEL MULTIF2
 PULPROG zgpg30
 PL2 80.00 uSEC
 PL2 -3.00 dB
 PL12 13.50 dB
 SF12 500.136261302 MHz

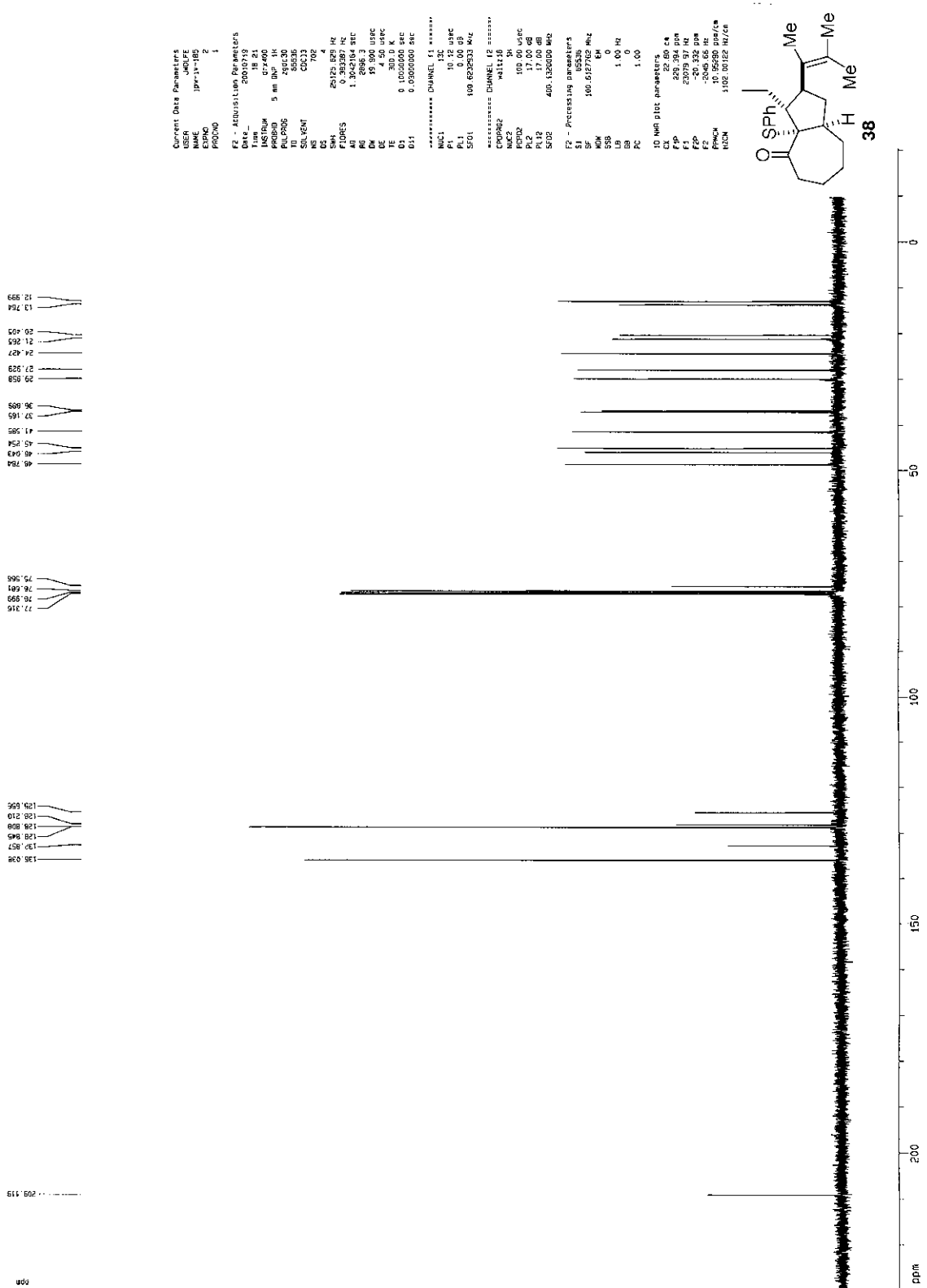
F2 - Processing parameters
 SI 65536
 SF 125.762656182 MHz
 GB 0
 LB 1.00 Hz
 GB 2.00

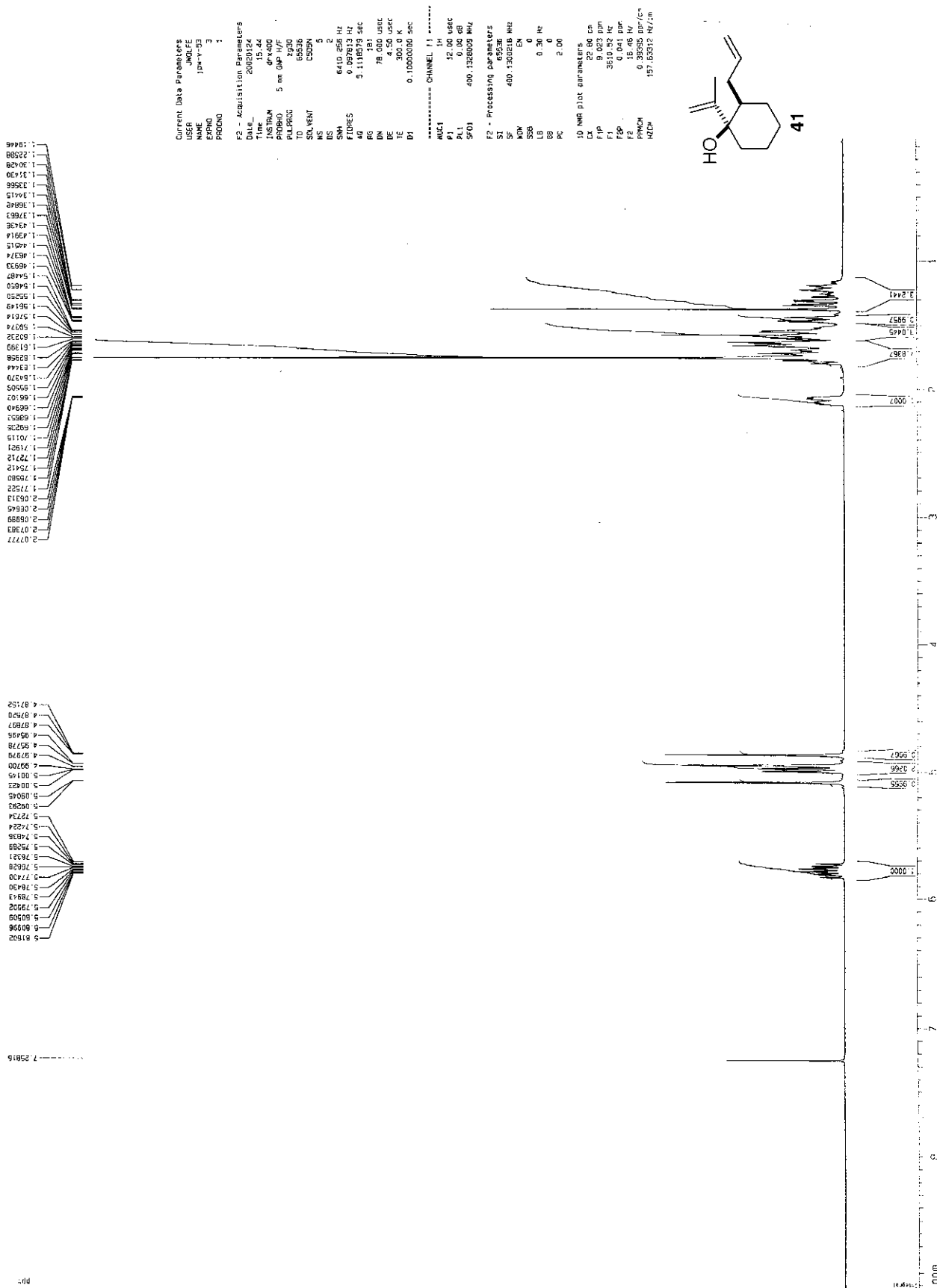
10 MR P1.P1 parameters
 SI 200.000 MHz
 SF 200.260 MHz
 F1 200.260 MHz
 F2 200.260 MHz
 F3 200.260 MHz
 F4 200.260 MHz
 F5 200.260 MHz
 F6 200.260 MHz
 F7 200.260 MHz
 F8 200.260 MHz
 F9 200.260 MHz
 F10 200.260 MHz

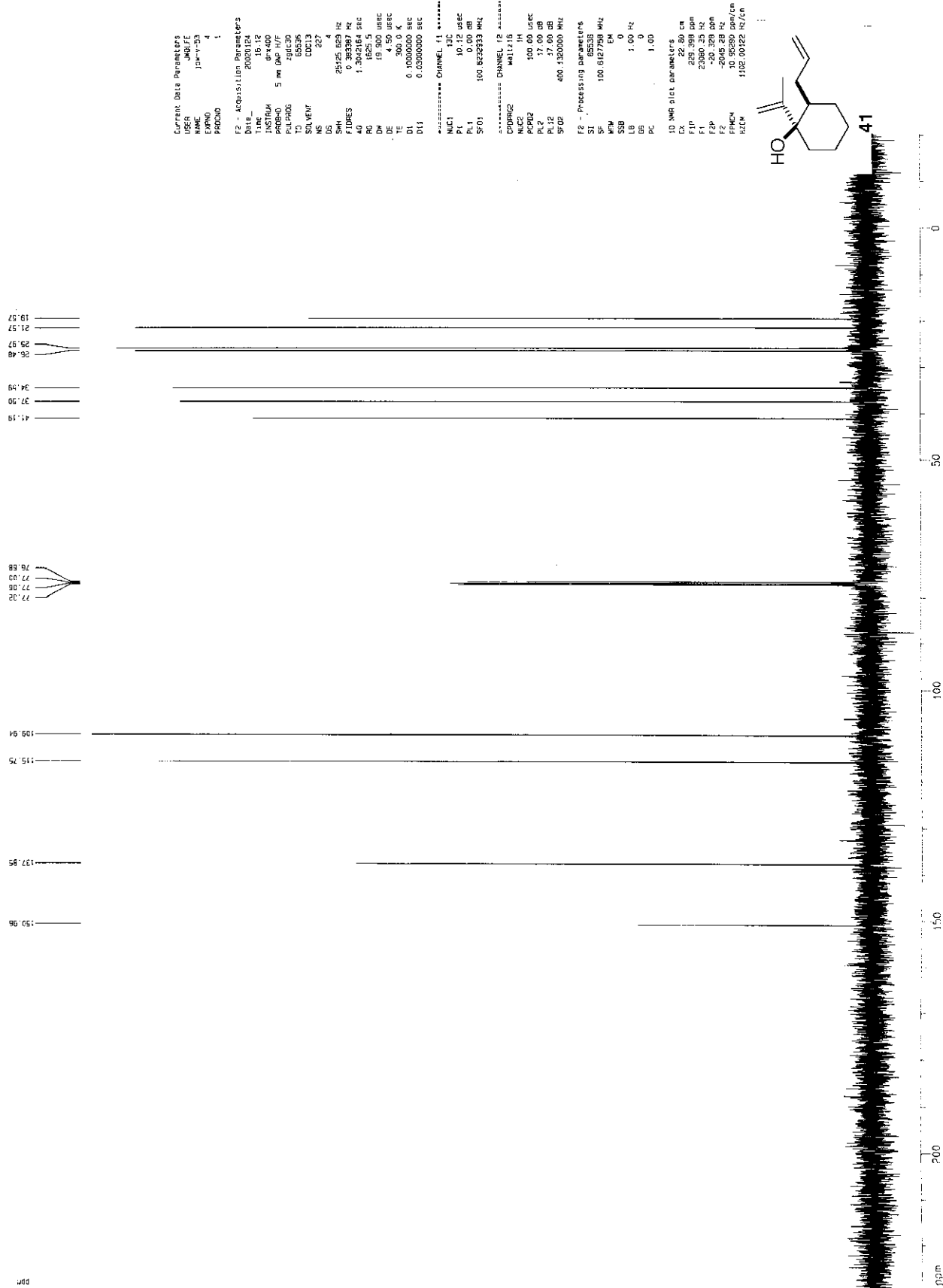




¹³C spectrum with ¹H decoupling







Current Data Parameters
 USER JARIFE
 NAME J09V23
 EXPNO 4
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20020124
 Time 15:12
 INSTRUM draco00
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 227
 DS 4
 SWH 26126.400 Hz
 FIDRES 0.383897 Hz
 AQ 1.3042164 sec
 RG 1625.5
 DW 19.500 usec
 DE 4.50 usec
 TE 300.2 K
 D1 0.10000000 sec
 D11 0.03000000 sec
 D12

***** CHANNEL f1 *****
 NUC1 13C
 P1 10.72 usec
 PL1 0.00 dB
 SFO1 100.626333 MHz

***** CHANNEL f2 *****
 CPDPRG2 MLEV15
 NUC2 1H
 P2 100.00 usec
 PL2 17.00 dB
 PL12 17.00 dB
 SFO2 400.1320000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.612708 MHz
 WF 0
 EN 0
 SS 0
 BS 0
 PC 1.00

10 MHz list parameters
 CX 22.89 cm
 F1 225.398 ppm
 F2 2306.43 Hz
 F3 2306.43 Hz
 F4 2306.43 Hz
 F5 2306.43 Hz
 F6 2306.43 Hz
 F7 2306.43 Hz
 F8 2306.43 Hz
 F9 2306.43 Hz
 F10 2306.43 Hz
 F11 2306.43 Hz
 F12 2306.43 Hz
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 F14 2306.43 Hz
 F15 2306.43 Hz
 F16 2306.43 Hz
 F17 2306.43 Hz
 F18 2306.43 Hz
 F19 2306.43 Hz
 F20 2306.43 Hz
 F21 2306.43 Hz
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 F94 2306.43 Hz
 F95 2306.43 Hz
 F96 2306.43 Hz
 F97 2306.43 Hz
 F98 2306.43 Hz
 F99 2306.43 Hz
 F100 2306.43 Hz

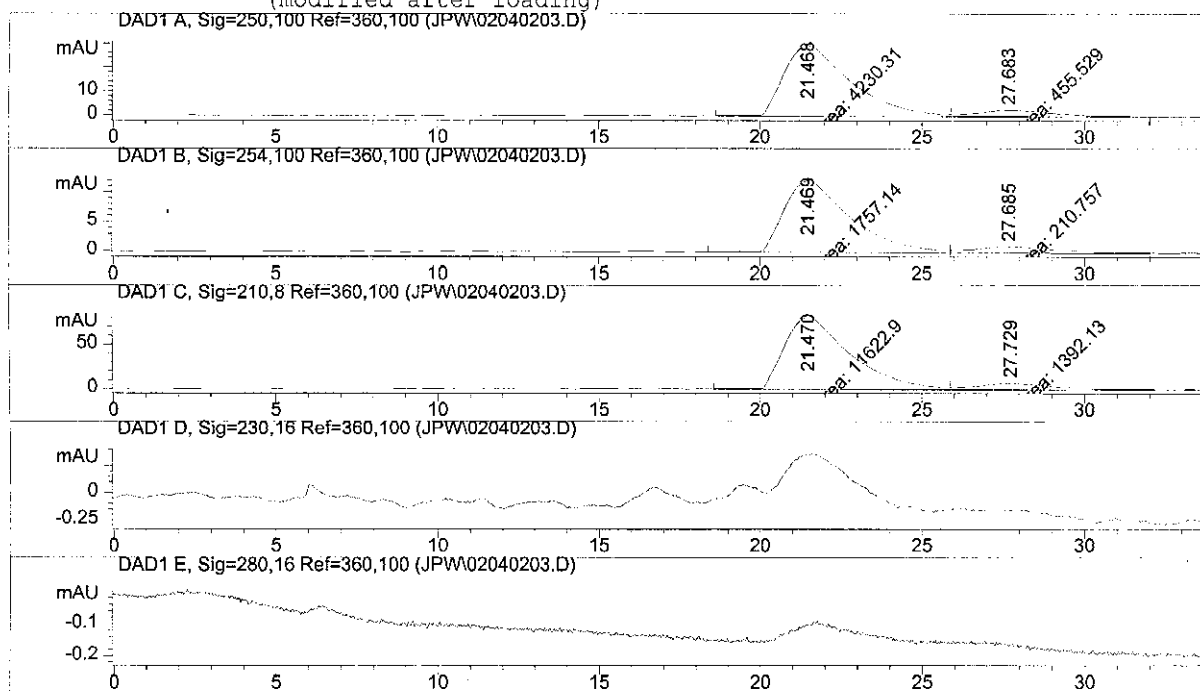
OD-H, 1 ml/min, 90:10 H/IPA

```

=====
Injection Date   : 2/4/02 4:28:37 PM           Seq. Line :    1
Sample Name     : jpw-v-53                     Location  : Vial 44
Acq. Operator   : jpw                          Inj       :    1
                                           Inj Volume: 5 µl

Acq. Method    : D:\METHODS\JPW1.M
Last changed   : 2/4/02 3:33:02 PM by jpw
Analysis Method: D:\METHODS\ABD1.M
Last changed   : 2/4/02 5:22:56 PM by jpw
                (modified after loading)
=====

```



```

=====
                          Area Percent Report
=====

```

```

Sorted By      :      Signal
Multiplier    :      1.0000
Dilution      :      1.0000

```

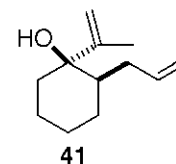
Signal 1: DAD1 A, Sig=250,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	21.468	MF	2.3739	4230.30566	29.70059	90.2786
2	27.683	FM	2.7612	455.52939	2.74962	9.7214

```
Totals :                      4685.83505  32.45021
```

Results obtained with enhanced integrator!

Signal 2: DAD1 B, Sig=254,100 Ref=360,100



Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	21.469	MF	2.3912	1757.14307	12.24726	89.2903
2	27.685	FM	2.9755	210.75690	1.18050	10.7097

Totals : 1967.89996 13.42776

Results obtained with enhanced integrator!

Signal 3: DAD1 C, Sig=210,8 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	21.470	MF	2.3714	1.16229e4	81.68803	89.3037
2	27.729	FM	3.0172	1392.13159	7.68991	10.6963

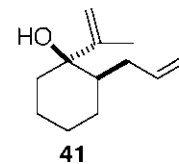
Totals : 1.30150e4 89.37794

Results obtained with enhanced integrator!

Signal 4: DAD1 D, Sig=230,16 Ref=360,100

Signal 5: DAD1 E, Sig=280,16 Ref=360,100

=====
*** End of Report ***



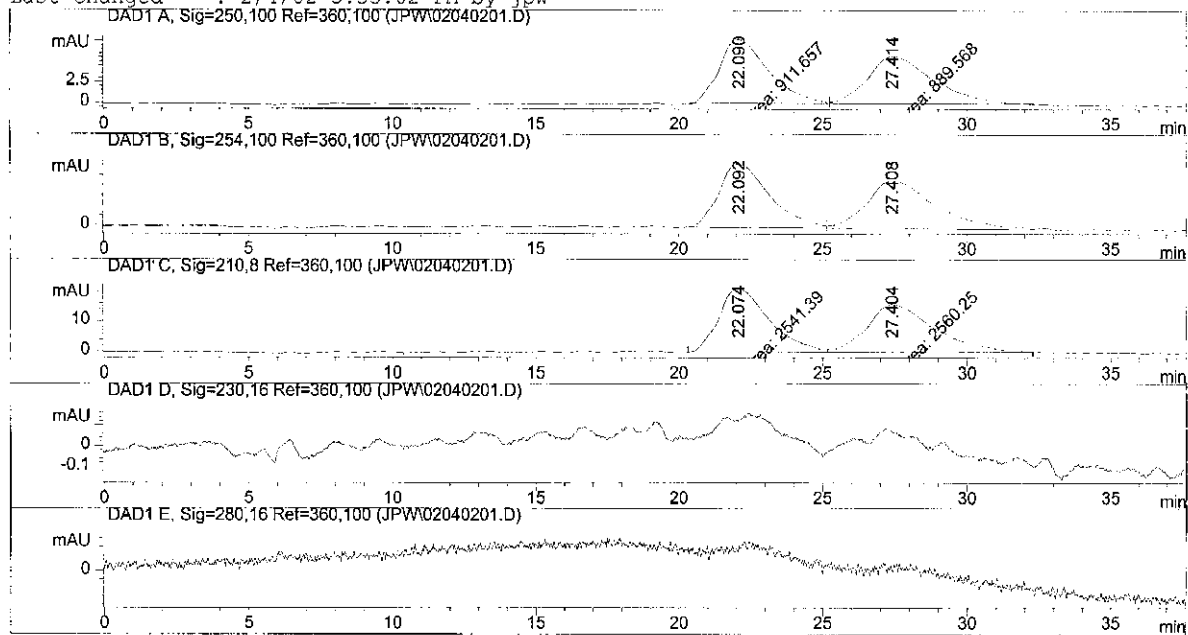
Data File D:\DATA\JPW\02040201.D

Sample Name: jpw racemic

0.75 μ l/min, 100% hexane
OD-H, 1 ml/min, 90:10 H/IPA

=====
 Injection Date : 2/4/02 3:34:53 PM Seq. Line : 1
 Sample Name : jpw racemic Location : Vial 25
 Acq. Operator : jpw Inj : 1
 Inj Volume : 5 μ l

Method : D:\METHODS\JPW1.M
 Last changed : 2/4/02 3:33:02 PM by jpw



=====
 Area Percent Report
 =====

Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000

Signal 1: DAD1 A, Sig=250,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	22.090	MF	1.9762	911.65656	7.68858	50.6132
2	27.414	FM	2.6105	889.56787	5.67935	49.3868

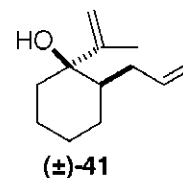
Totals : 1801.22443 13.36793

Results obtained with enhanced integrator!

Signal 2: DAD1 B, Sig=254,100 Ref=360,100

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	22.092	BV	1.4428	386.30969	3.16756	49.6592
2	27.408	VV	1.9292	391.61270	2.37557	50.3408

Totals : 777.92239 5.54313



File D:\DATA\JPW\02040201.D

Sample Name: jpw racemic

Results obtained with enhanced integrator!

Signal 3: DAD1 C, Sig=210,8 Ref=360,100

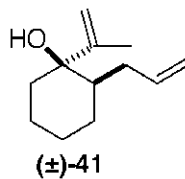
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area %
1	22.074	MF	2.0153	2541.38574	21.01745	49.8151
2	27.404	FM	2.7143	2560.25171	15.72081	50.1849

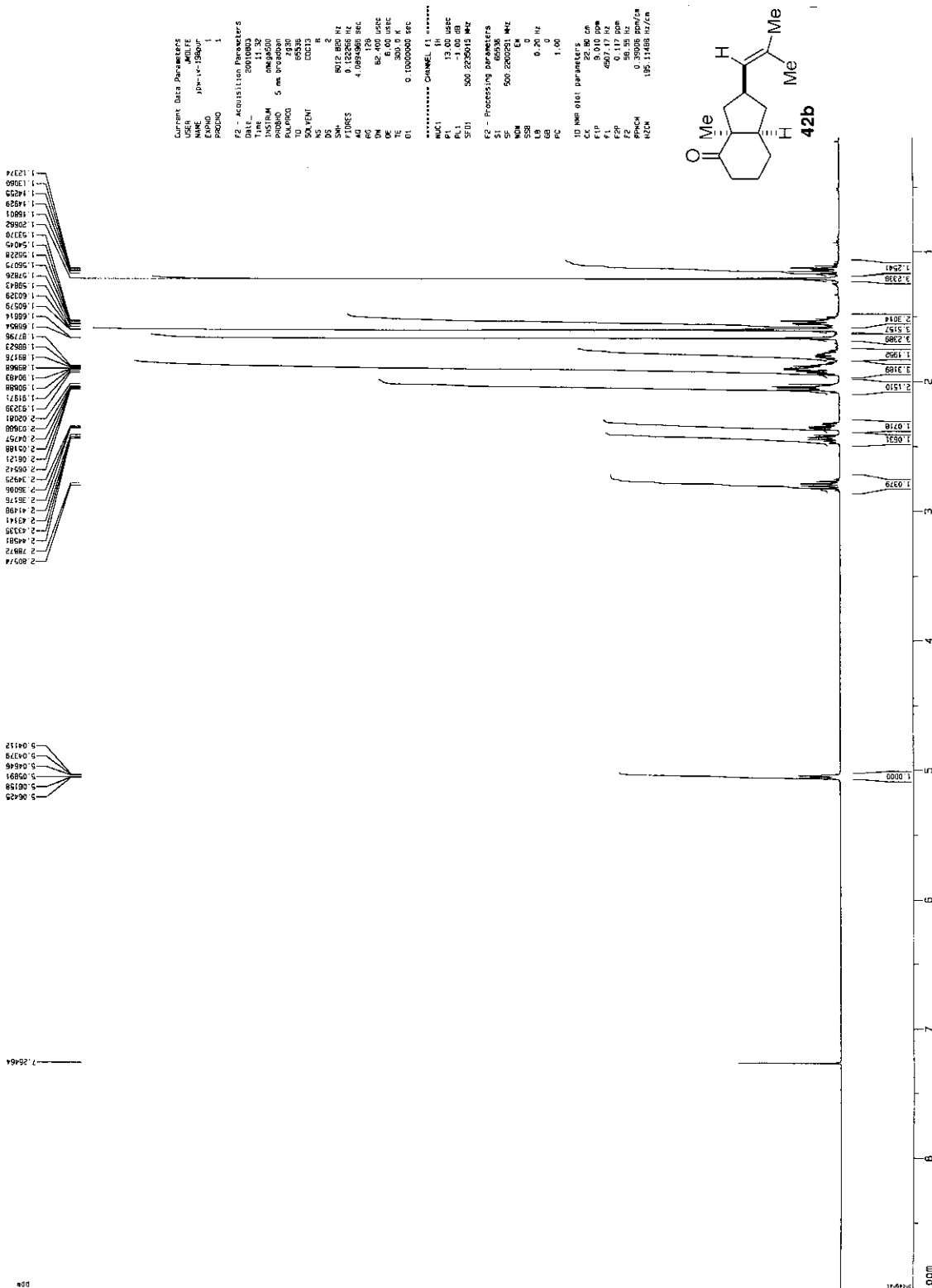
Totals : 5101.63745 36.73827

Results obtained with enhanced integrator!

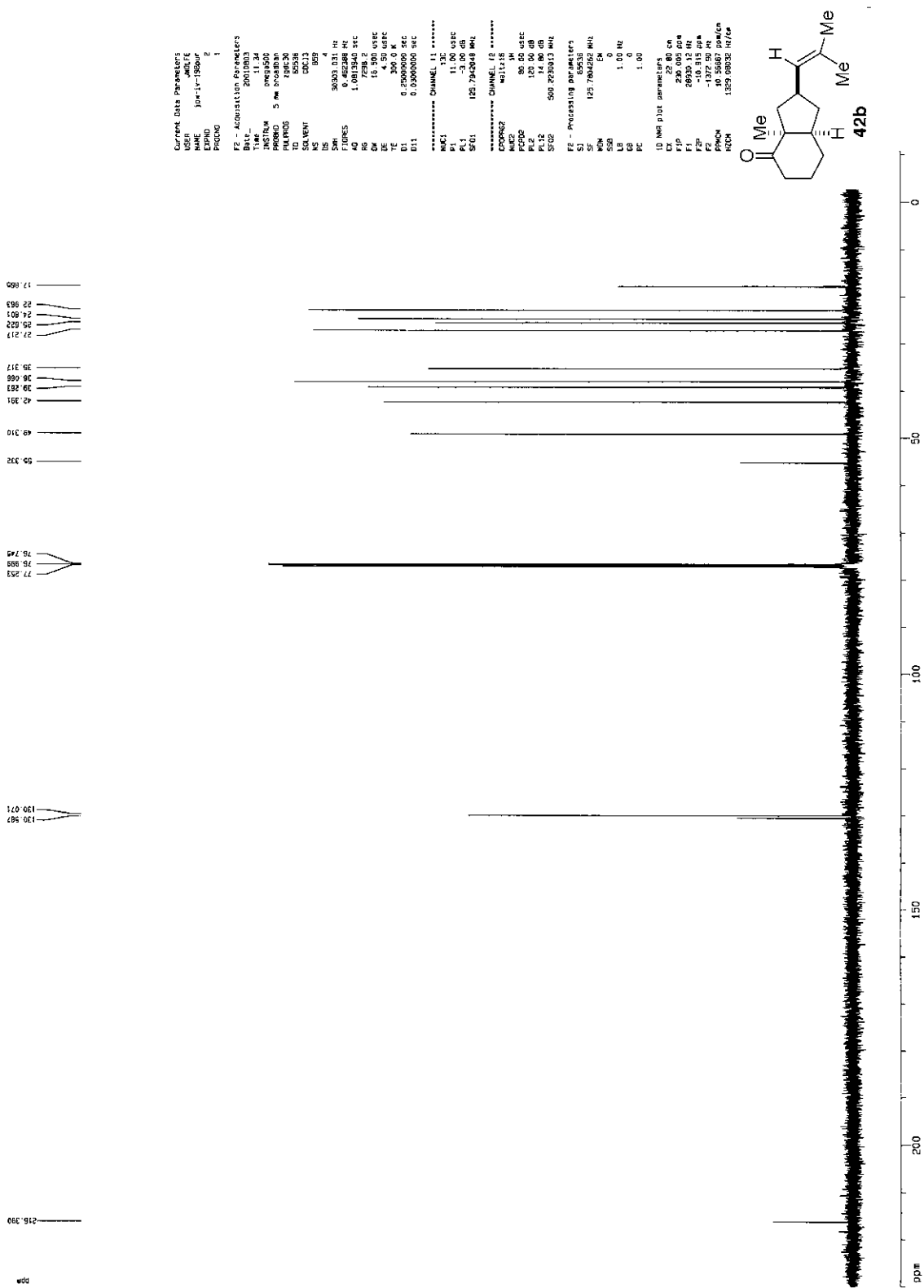
Signal 4: DAD1 D, Sig=230,16 Ref=360,100

Signal 5: DAD1 E, Sig=280,16 Ref=360,100

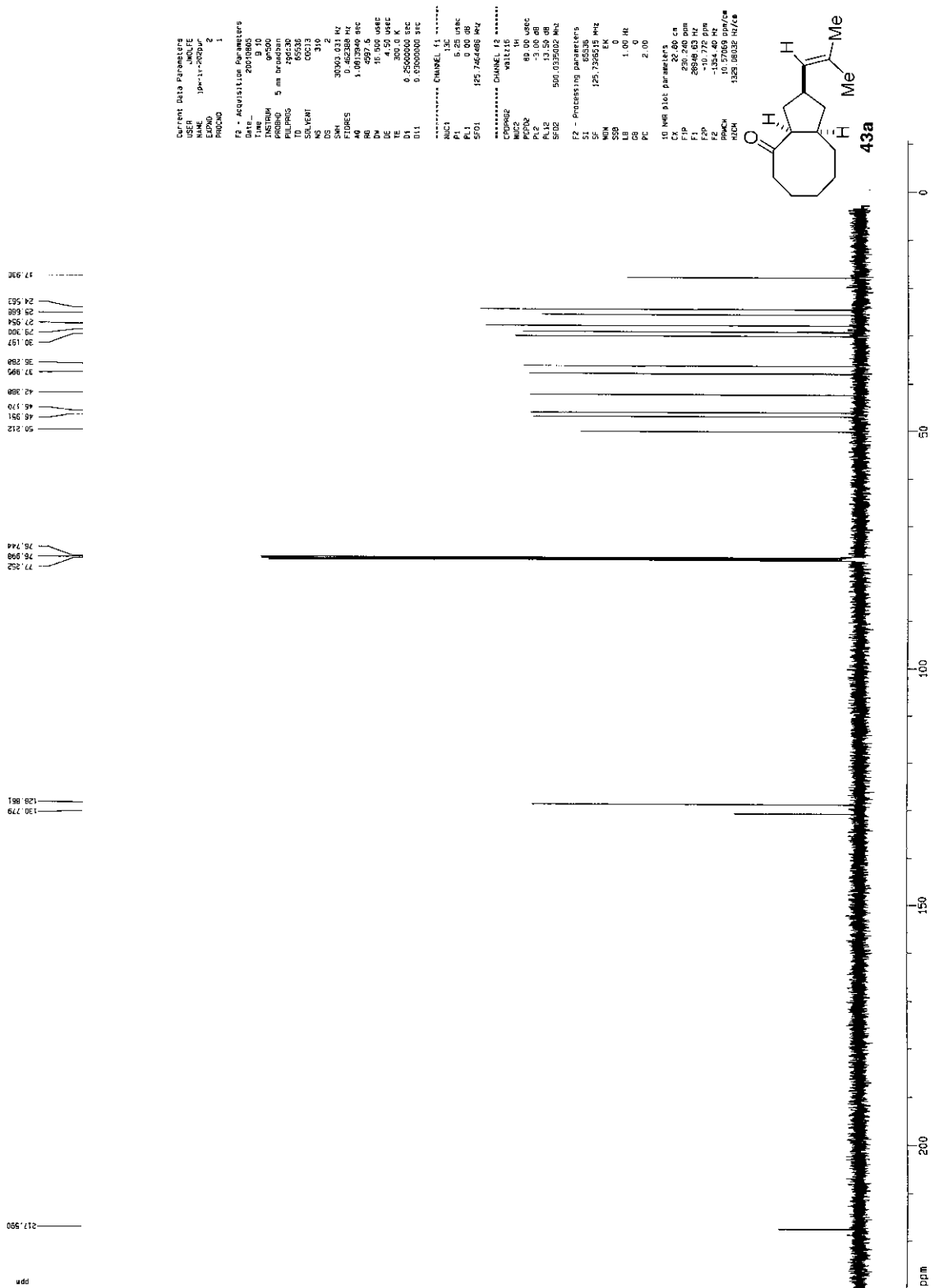
=====
*** End of Report ***



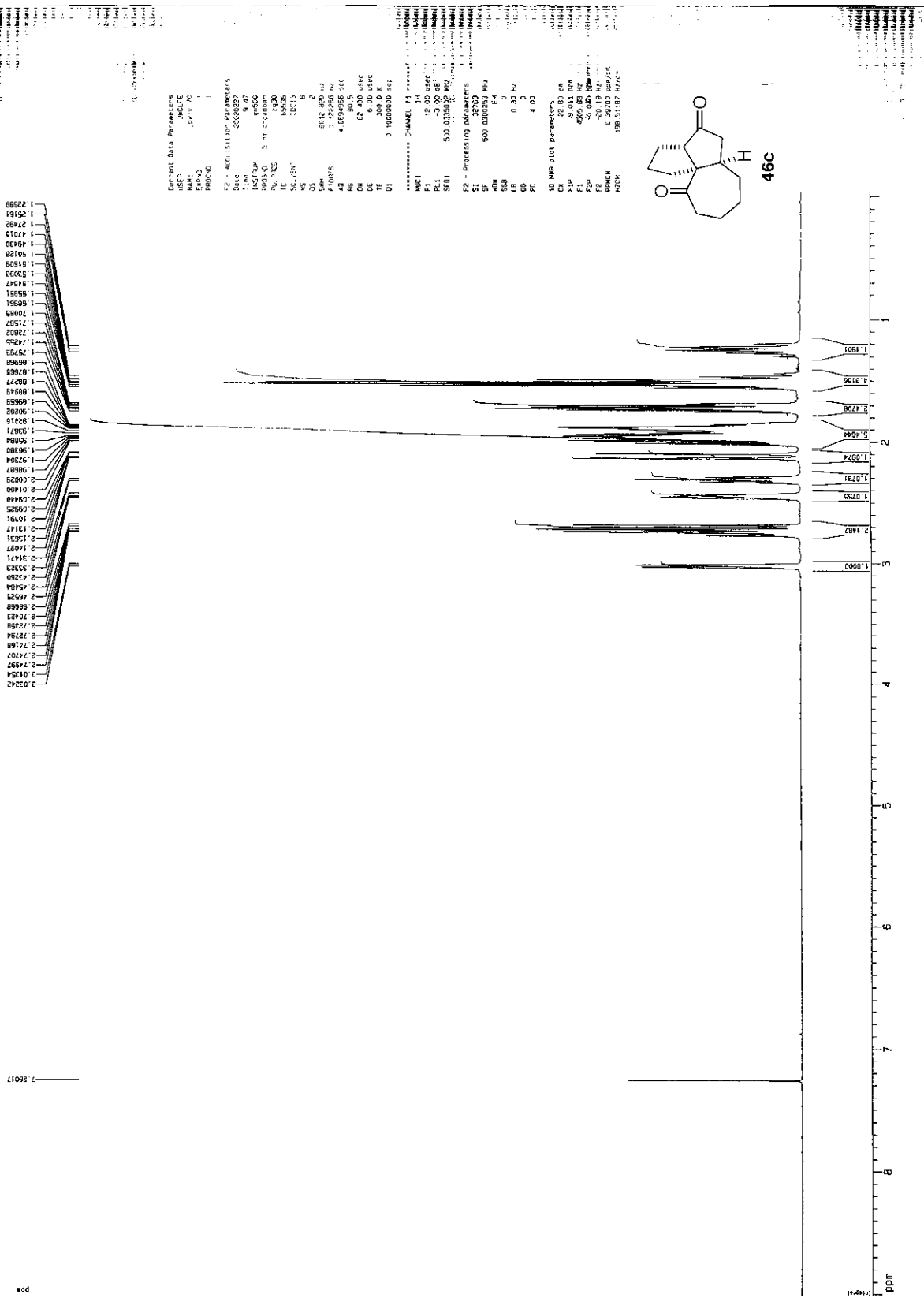
13C spectrum with 1H decoupling



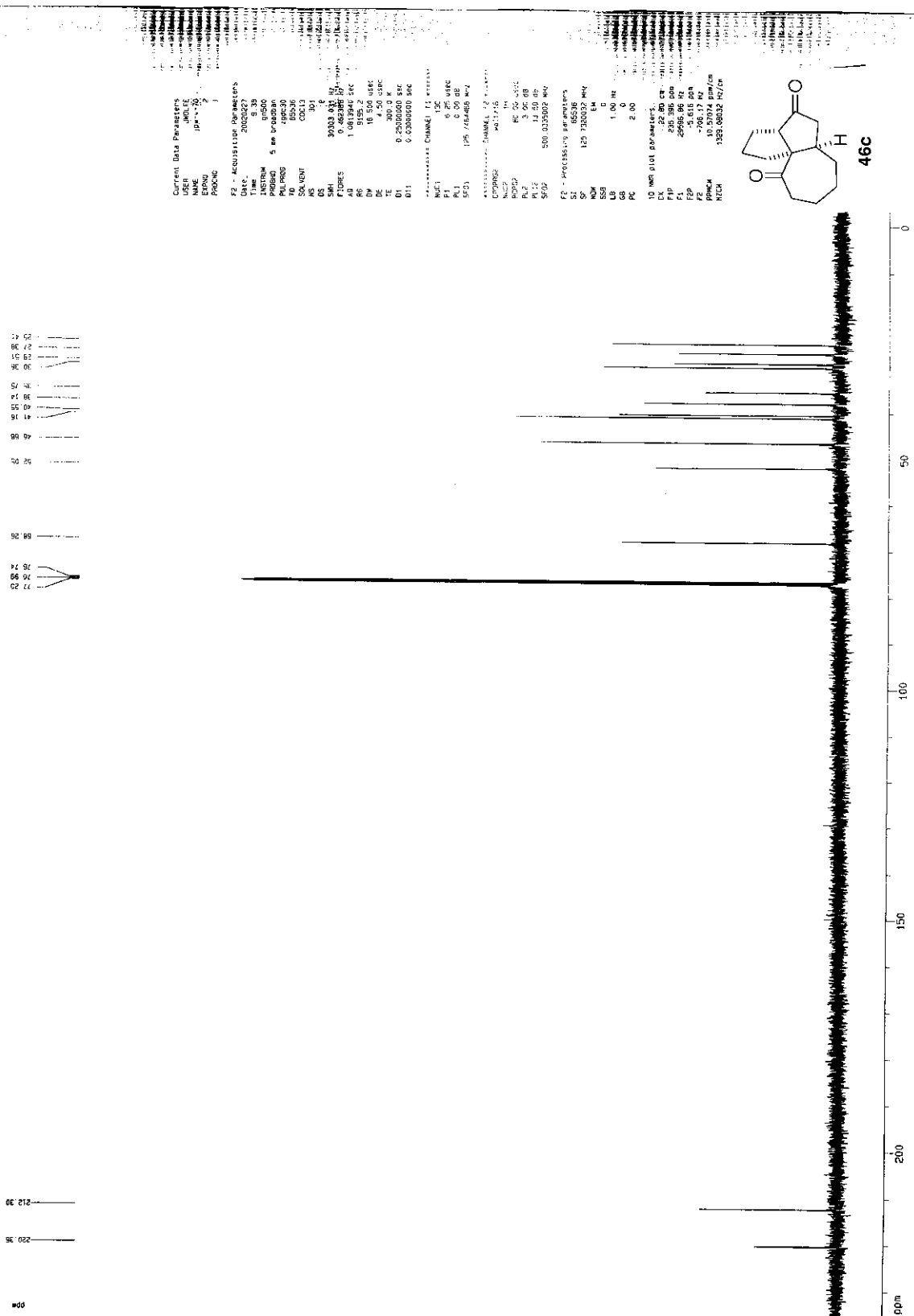
13C spectrum with 1H decoupling



1H Spectrum



¹³C spectrum with ¹H decoupling



Current Data Parameters
 USER JMW
 NAME JMW-70
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20020227
 Time_ 11:55:13
 INSTRM spect
 PROBHD 5 mm Bruker
 PULPROG zgpg30
 SFO1 500.135002 MHz
 SKINVT 0.0013
 NS 301
 DS 4
 SWH 3000.814 Hz
 FIDRES 0.462381 Hz
 AQ 1.0613946 sec
 RG 512.2
 RE 16.51484
 DE 4.50 uS
 TE 300.2 K
 D1 0.2500000 sec
 D11 0.0300000 sec

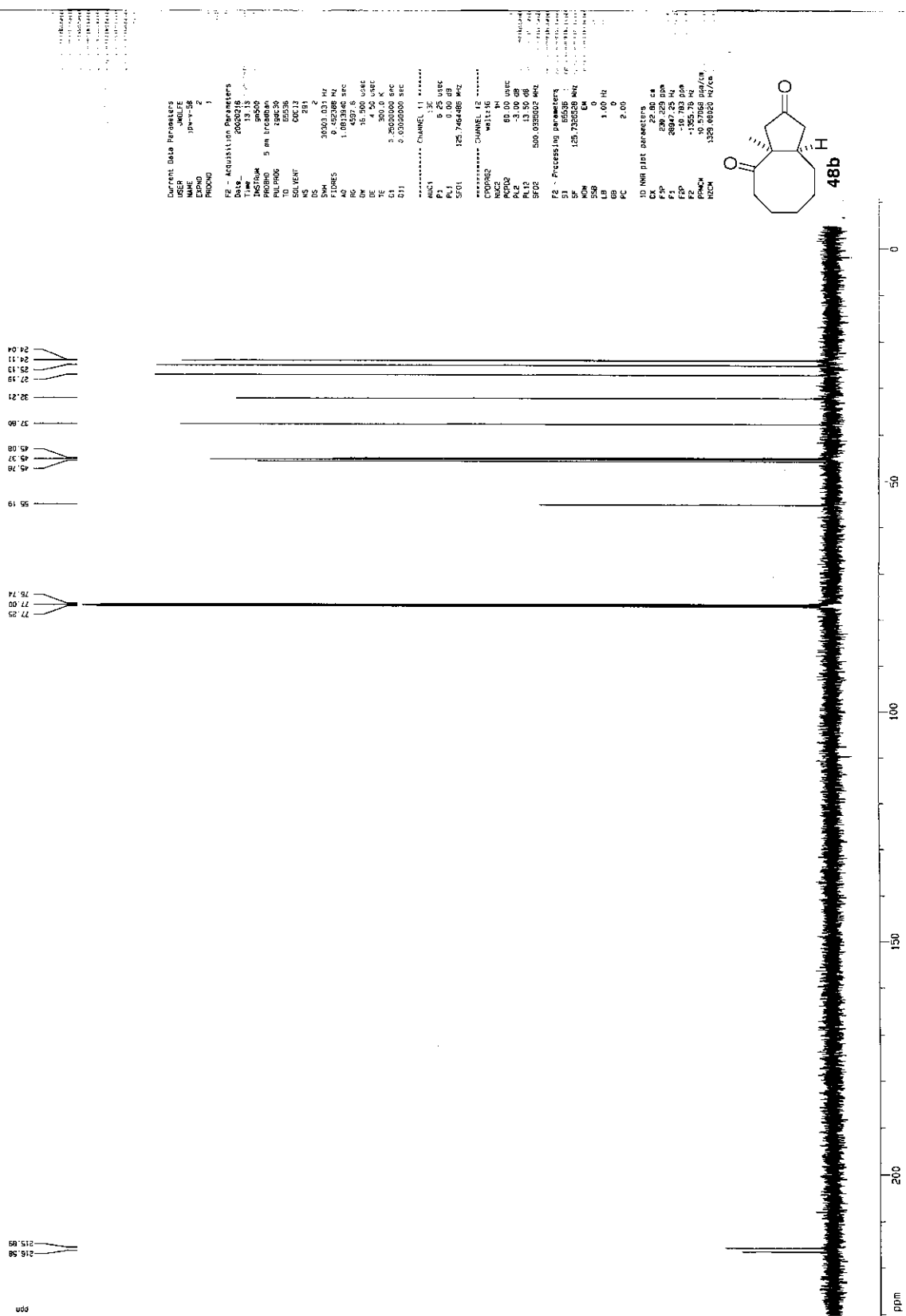
----- CHANNEL f1 -----
 NUC1 ¹³C
 P1 130 nS
 PL1 0.00 dB
 SFO1 500.135002 MHz

----- CHANNEL f2 -----
 NUC2 ¹H
 P2 20 nS
 PL2 0.00 dB
 SFO2 500.135002 MHz

C2 - Processing parameters
 SI 32768
 SF 125.730032 MHz
 EM 4
 NDW 0
 LB 1.00 Hz
 GB 0
 PC 2.00

10 NMR data parameters
 CK 22.800000000000000
 F1F 238.386000000000000
 F2F 259.616000000000000
 F3F 276.117000000000000
 F4F 293.618000000000000
 F5F 312.181000000000000
 F6F 331.806000000000000
 F7F 352.493000000000000
 F8F 374.242000000000000
 F9F 397.054000000000000
 F10F 420.930000000000000

¹³C spectrum with ¹H decoupling



Current Data Parameters
 USER JML/EE
 INSTR JNM-5B
 PULPROG zgpg30
 PROBRG 1
 F2 - Acquisition Parameters
 Date_ Time 20020213 13:13
 INSTRUM spect
 PROBHD 5 mm Inverse
 PULPROG zgpg30
 TO 65536
 SOLVENT CDCl3
 NS 213
 SM 3000.031 MHz
 FIDRES 0.492488 MHz
 AQ 1.0013346 SEC
 SFO1 125.7604486 MHz
 CW 16.500 MHz
 DE 4.50 MHz
 FE 300.0 MHz
 CD 0.0000000 SEC
 D11 0.50000000 SEC
 ***** CHANNEL f1 *****
 NU1 6.25 MHz
 P1 0.00 dB
 PL1 125.7604486 MHz
 ***** CHANNEL f2 *****
 CPOPRG2 waltz16
 INCD 60.00 MHz
 PDC 3.00 dB
 PL2 13.50 MHz
 SFO2 500.0350002 MHz
 F2 - Processing parameters
 SI 65536
 SF 125.7355528 MHz
 LB 0
 LB 1.00 MHz
 GB 0
 PC 2.00
 ID NMR P131 PARAMETERS
 CX 22.80 CA
 CZ 200.220 CA
 F1 150.703 MHz
 F2 -1325.78 MHz
 PPM0 0.070568 ppm/CA
 RECA 1325.66620 MHz/CA