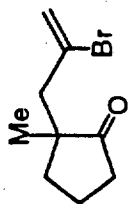


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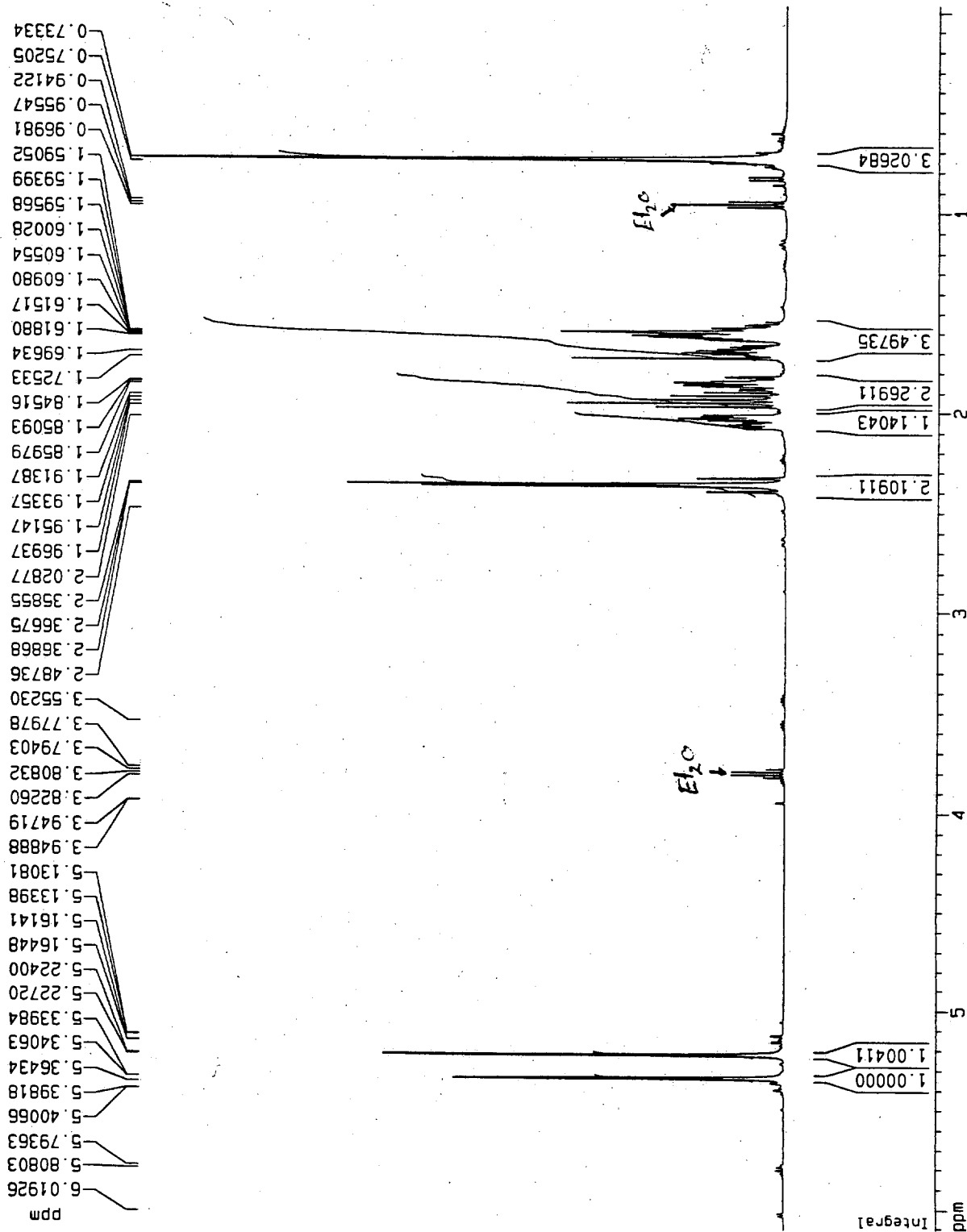


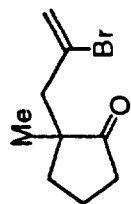
Current Data Parameters
 NAME PD-II-171
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991203
 Time 18.27
 INSTRUM arx500
 PROBHD 5 mm inverse
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 5050.505 Hz
 FIDRES 0.154129 Hz
 AQ 3.2440820 sec
 RG 16
 DM 99.000 use
 DE 123.75 use
 TE 300.0 K
 D1 2.0000000 sec
 P1 6.75 use
 SFO1 500.1318661 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 32768
 SF 500.1300219 MHz
 WDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 6.109 ppm
 F1 3055.42 Hz
 F2P -0.038 ppm
 F2 -18.80 Hz
 PPMCM 0.30734 ppm
 HZCM 153.71103 Hz/



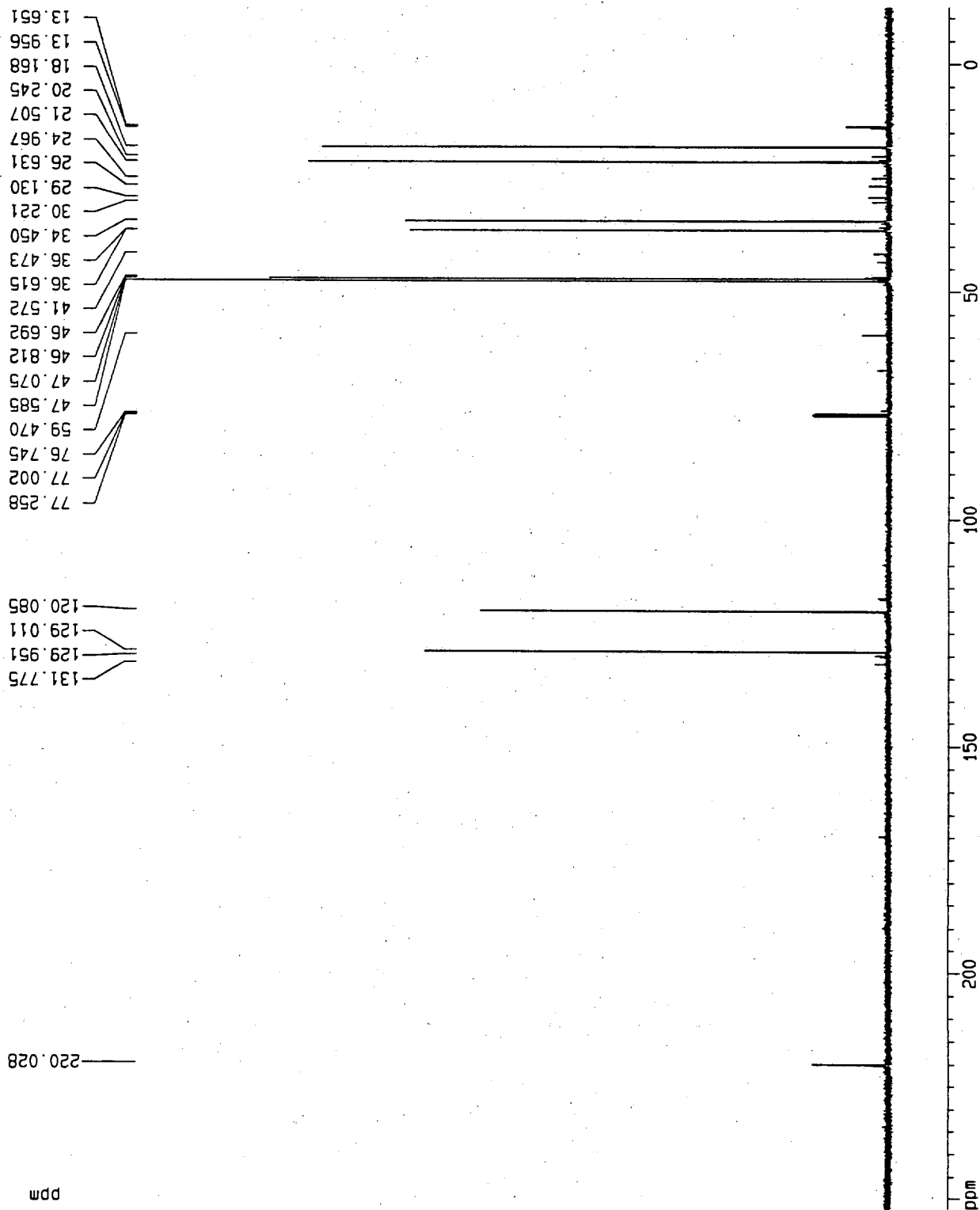


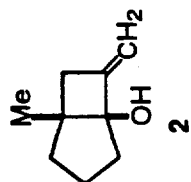
Current Data Parameters
 NAME PD-II-171
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991203
 Time 18.34
 INSTRUM arx500
 PROBD 5 mm inverse
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 64
 DS 0
 SMH 33333.332 Hz
 FIDRES 0.508626 Hz
 AQ 0.9830900 sec
 RG 22800
 DW 15.000 usec
 DE 21.43 usec
 TE 300.0 K
 D12 0.0000200 sec
 DL5 16.00 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 4.0000000 sec
 P1 12.00 usec
 SF01 125.7728999 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 125.7578389 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 FIP 252.530 ppm
 F1 31757.62 Hz
 F2P -12.530 ppm
 F2 -1575.73 Hz
 PPMCM 13.25299 ppm/cm
 HZCM 1666.66699 Hz/cm



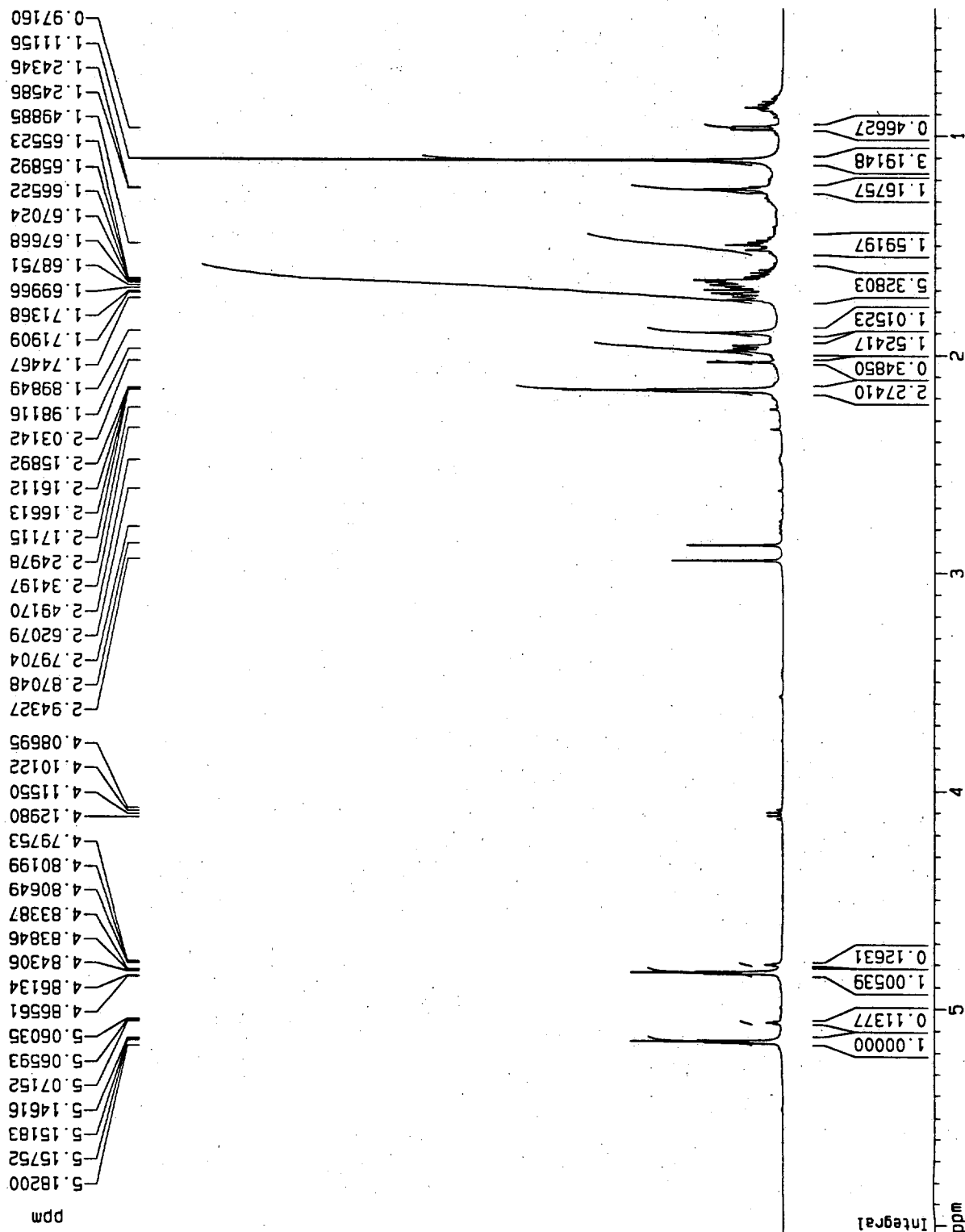


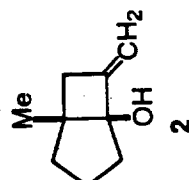
Current Data Parameters
 NAME PD-II-137
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991005
 Time 10.32
 INSTRUM arx500
 PROBHD 5 mm broadba
 PULPROG zg30
 TD 32768
 SOLVENT CDC13
 NS 16
 DS 0
 SMH 5681.818 Hz
 FIDRES 0.173395 Hz
 AQ 2.8836341 sec.
 RG 180
 OW 88.000 use
 DE 110.00 use
 TE 300.0 K
 D1 2.0000000 sec
 P1 14.00 use
 SF01 500.1322687 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 32768
 SF 500.1300236 MHz
 WDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 6.033 ppm
 F1 3017.15 Hz
 F2P 0.414 ppm
 F2 207.12 Hz
 PPMCH 0.28093 ppm
 HZCM 140.50148 Hz/



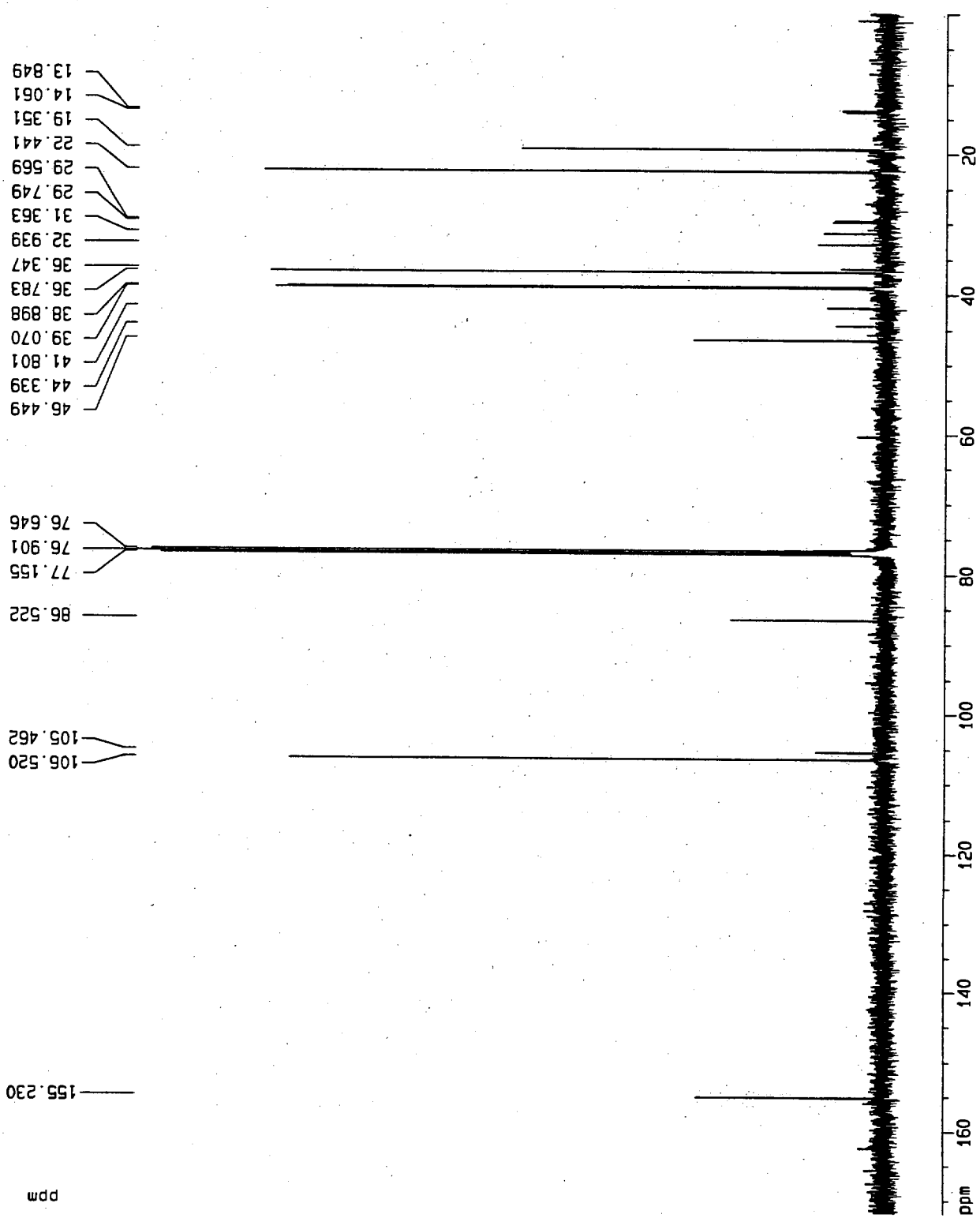


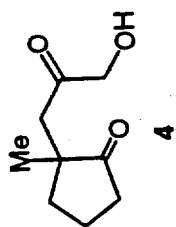
Current Data Parameters
 NAME PD-II-137
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991005
 Time 10.24
 INSTRUM arx500
 PROBHD 5 mm broadba
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 128
 DS 0
 SMH 27777.777 Hz
 FIDRES 0.423855 Hz
 AQ 1.1796980 sec
 RG 45500
 DW 18.000 usec
 DE 22.50 usec
 TE 300.0 K
 D12 0.0000200 sec
 DL5 16.00 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 2.0000000 sec
 P1 7.25 usec
 SF01 125.7701463 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 125.7578090 MHz
 NDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 F1P 171.811 ppm
 F1 21606.63 Hz
 F2P -0.093 ppm
 F2 -11.72 Hz
 PPMCM 8.59523 ppm/cm
 HZCM 1080.91785 Hz/cm



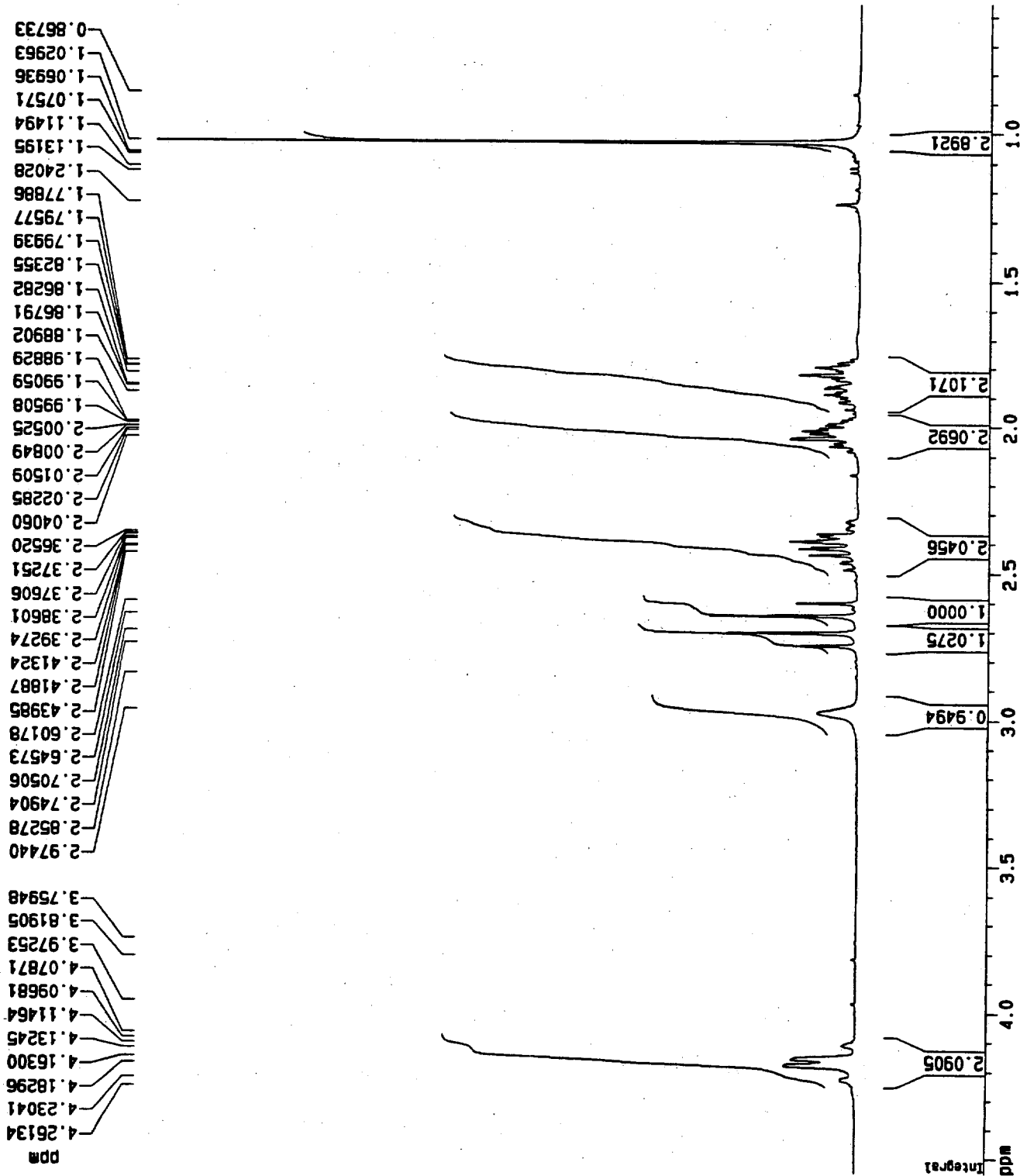


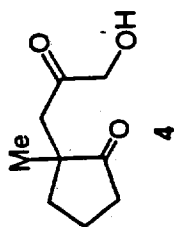
Current Data Parameters
 NAME PD-II-142
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991009
 Time 19.31
 INSTRUM apx400
 PROBHD 5 mm QNP 1H
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SMH 3731.343 Hz
 FIDRES 0.056936 Hz
 AQ 8.781873 sec
 RG 715
 DM 134.000 usec
 DE 167.50 usec
 TE 300.0 K
 D1 2.0000000 sec
 P1 7.50 usec
 SF01 400.1316787 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 65536
 SF 400.1300178 MHz
 NDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

ID NMR plot parameters
 CX 20.00 cm
 F1P 4.550 ppm
 F1 1820.64 Hz
 F2P 0.557 ppm
 F2 222.67 Hz
 PPMCM 0.19968 ppm/cm
 HZCM 79.89806 Hz/cm



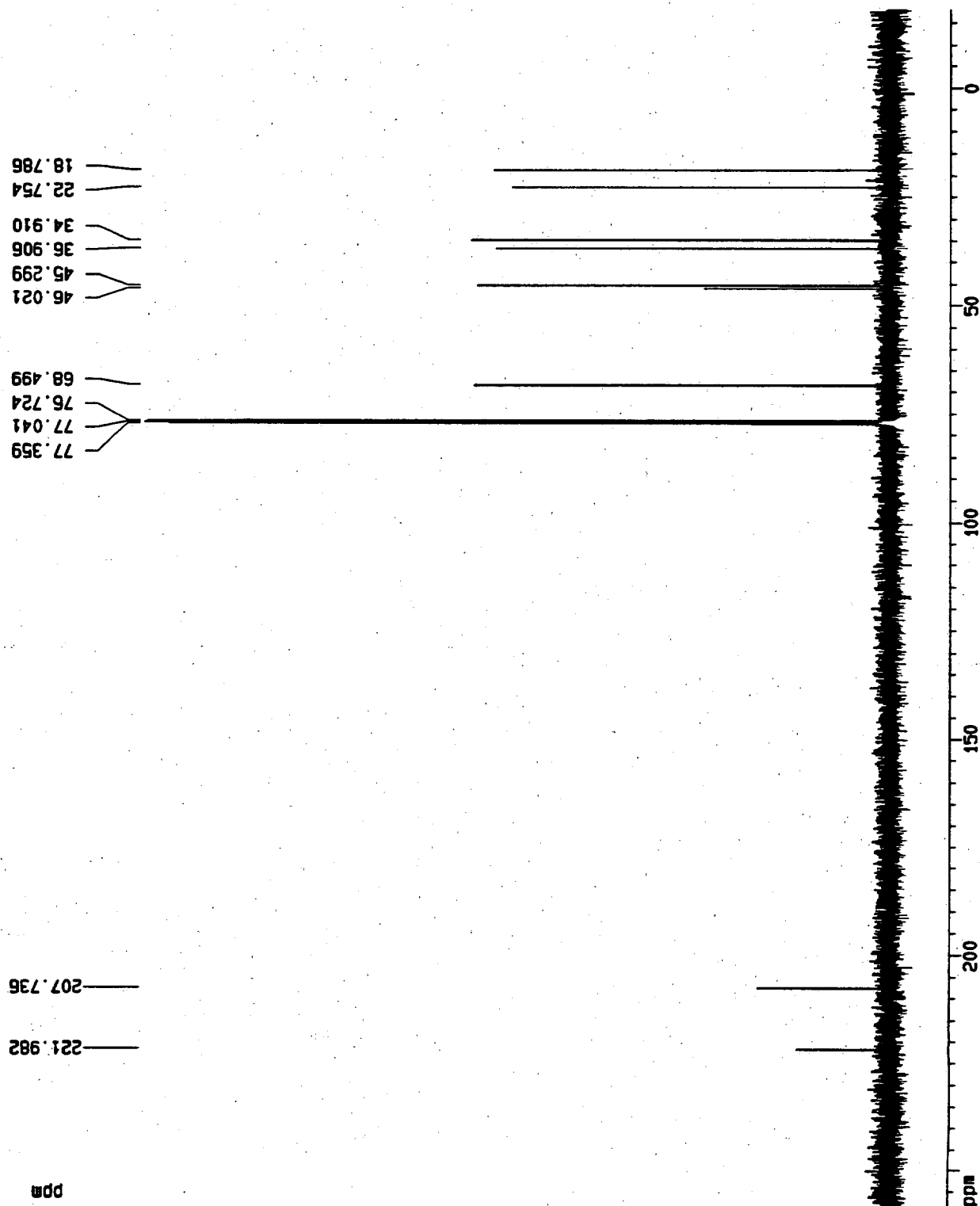


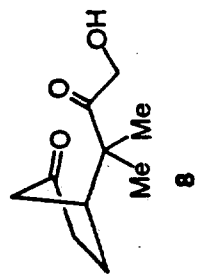
Current Data Parameters
 NAME PD-II-142
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991009
 Time 19.41
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zgdc30
 TD 65536
 SOLVENT CDCl3
 NS 128
 DS 0
 SMH 27777.777 Hz
 FIDRES 0.423855 Hz
 AQ 1.1796980 sec
 RG 32768
 DM 18.000 usec
 DE 25.71 usec
 TE 300.0 K
 D12 0.0000200 sec
 DL5 23.50 dB
 CPDPRG meltz16
 P31 100.00 usec
 D1 3.00000000 sec
 P1 6.25 usec
 SF01 100.6246445 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 100.6127710 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 F1P 258.043 ppm
 F1 25952.42 Hz
 F2P -18.043 ppm
 F2 -1815.36 Hz
 PPMCM 13.80430 ppm/cm
 HZCM 1388.88879 Hz/cm



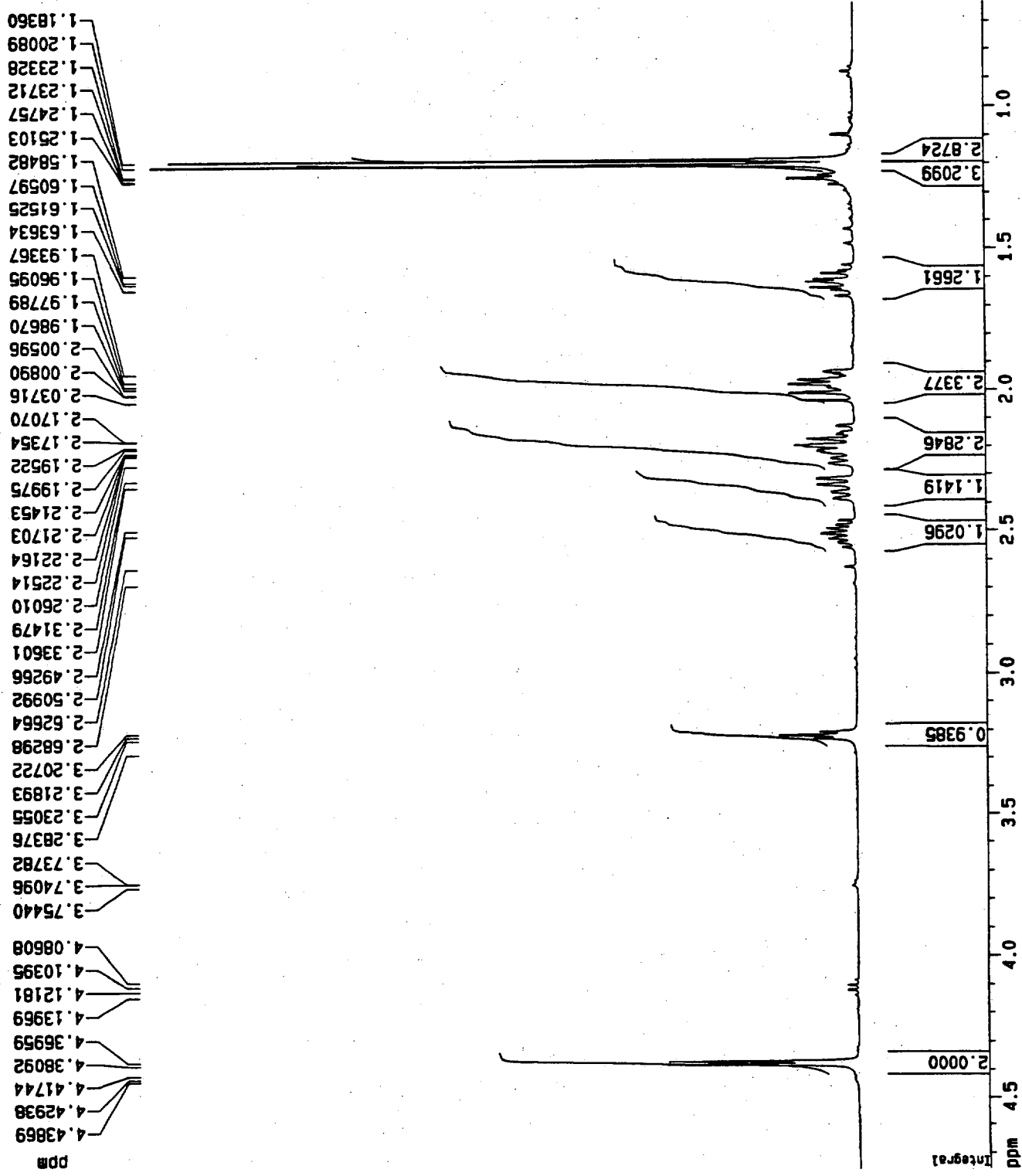


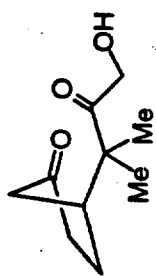
Current Data Parameters
 NAME PD-II-153
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991021
 Time 21.07
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zg30
 TD 65536
 SOLVENT CDC13
 NS 16
 DS 0
 SWH 8064.516 Hz
 FIDRES 0.123055 Hz
 AQ 4.0632820 sec
 RG 1024
 DM 62.000 usec
 DE 88.57 usec
 TE 300.0 K
 D1 2.0000000 sec
 P1 7.50 usec
 SF01 400.1324008 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 65536
 SF 400.1300176 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 4.757 ppm
 F1 903.27 Hz
 F2 0.632 ppm
 F2P 252.69 Hz
 PPMCH 0.20626 ppm/cm
 HZCM 82.52897 Hz/cm





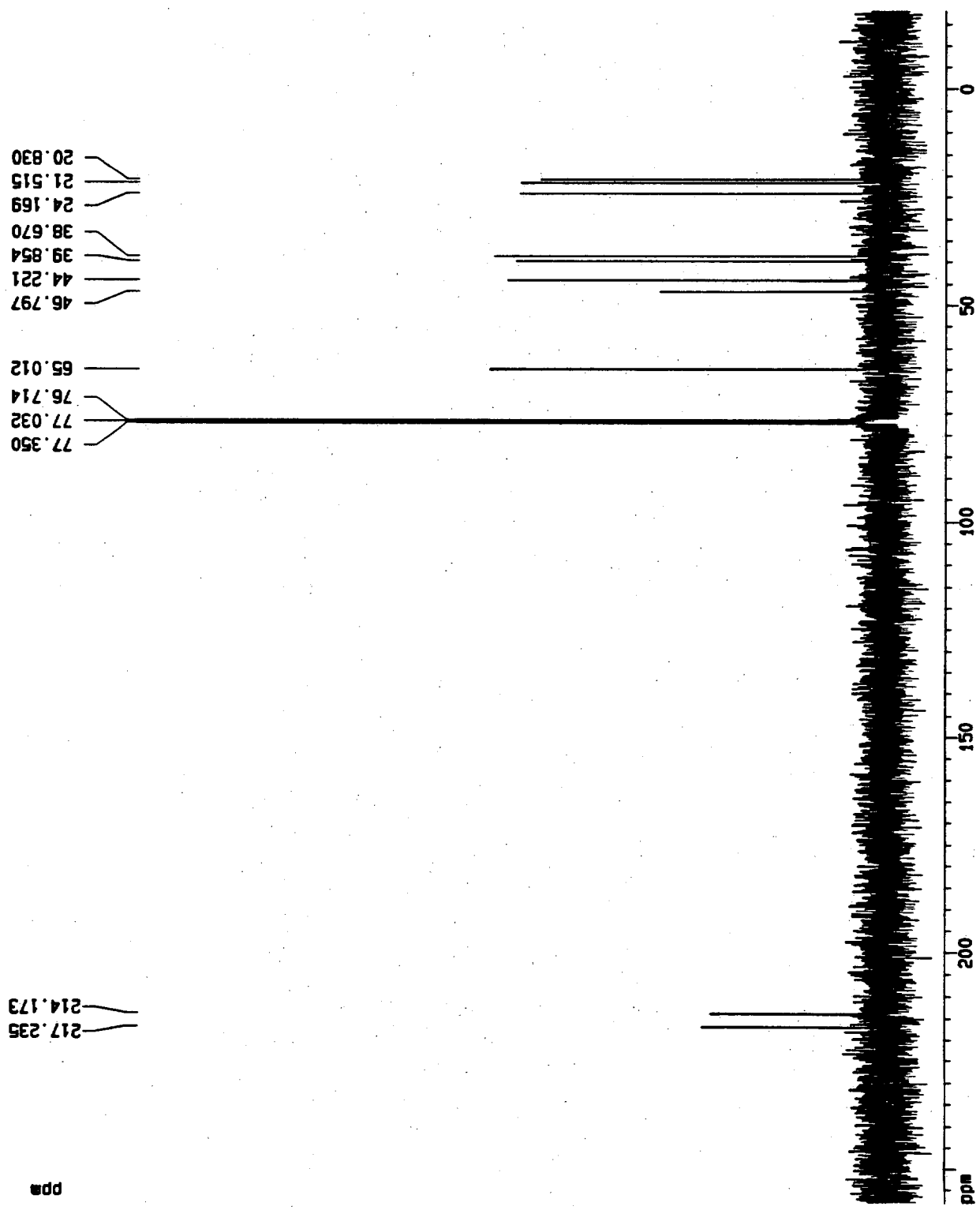
8

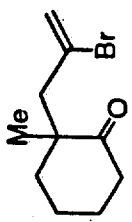
Current Data Parameters
 NAME PD-II-153
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991021
 Time 21.24
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 128
 DS 0
 SMH 27777.777 Hz
 FIDRES 0.423655 Hz
 AQ 1.1795980 sec
 RG 32768
 DM 18.000 usec
 DE 25.71 usec
 TE 300.0 K
 O12 0.000200 sec
 DL5 23.50 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 6.0000000 sec
 P1 6.25 usec
 SFO1 100.624845 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 100.6127710 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

ID NMR plot parameters
 CX 20.00 cm
 F1P 258.043 ppm
 F1 25962.42 Hz
 F2P -18.043 ppm
 F2 -1815.36 Hz
 PPMCH 13.80430 ppm/cm
 HZCH 1388.88879 Hz/cm





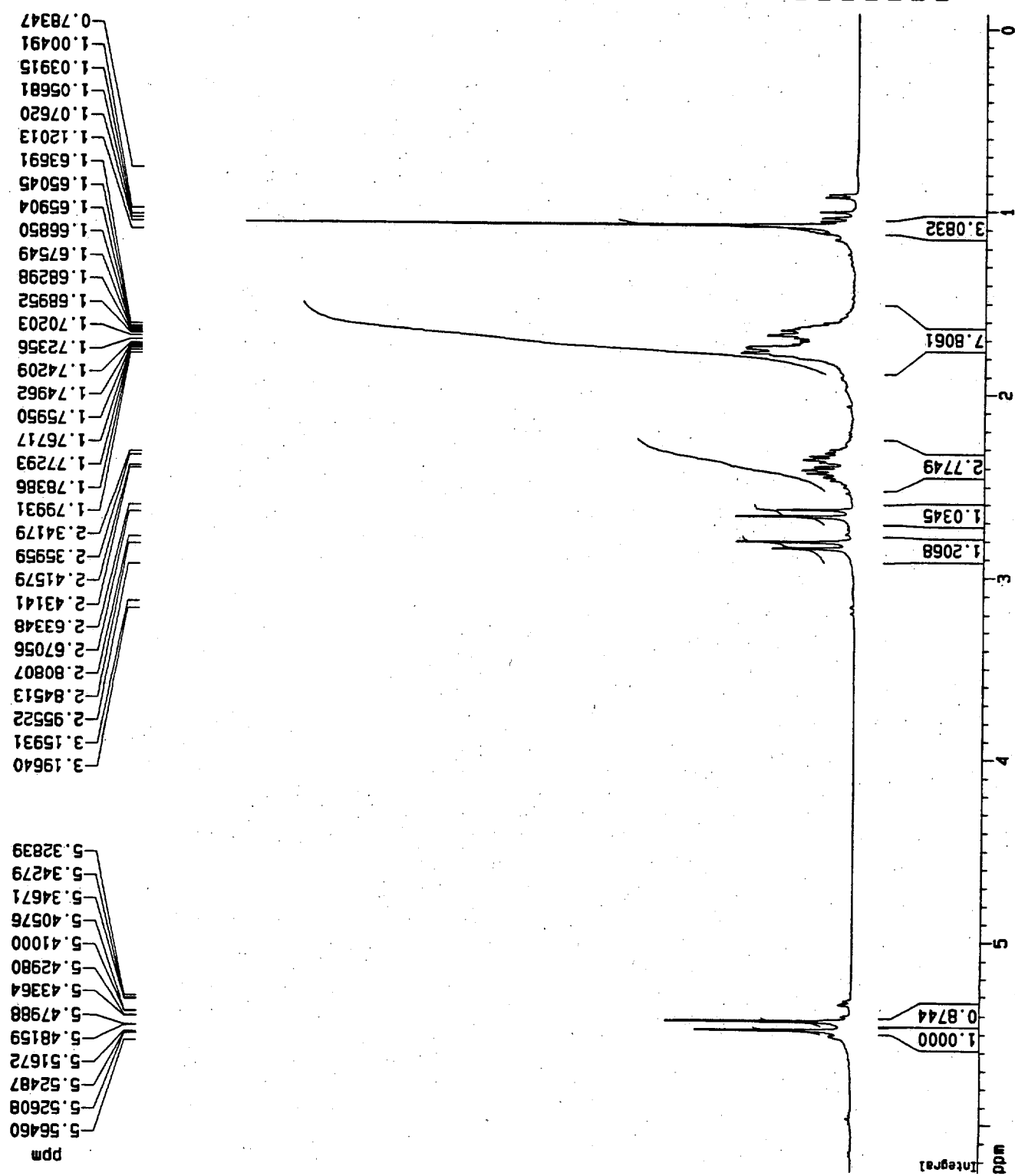
9

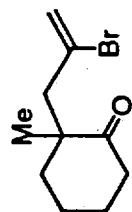
Current Data Parameters
 NAME PD-II-164
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991123
 Time 16.03
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zg30
 TO 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 8064.516 Hz
 FIDRES 0.123055 Hz
 AQ 4.0632820 sec
 RG 64
 DM 62.000 usec
 DE 88.57 usec
 TE 300.0 K
 D1 2.0000000 sec
 P1 7.50 usec
 SFO1 400.1324008 MHz
 NUCLEUS 1H

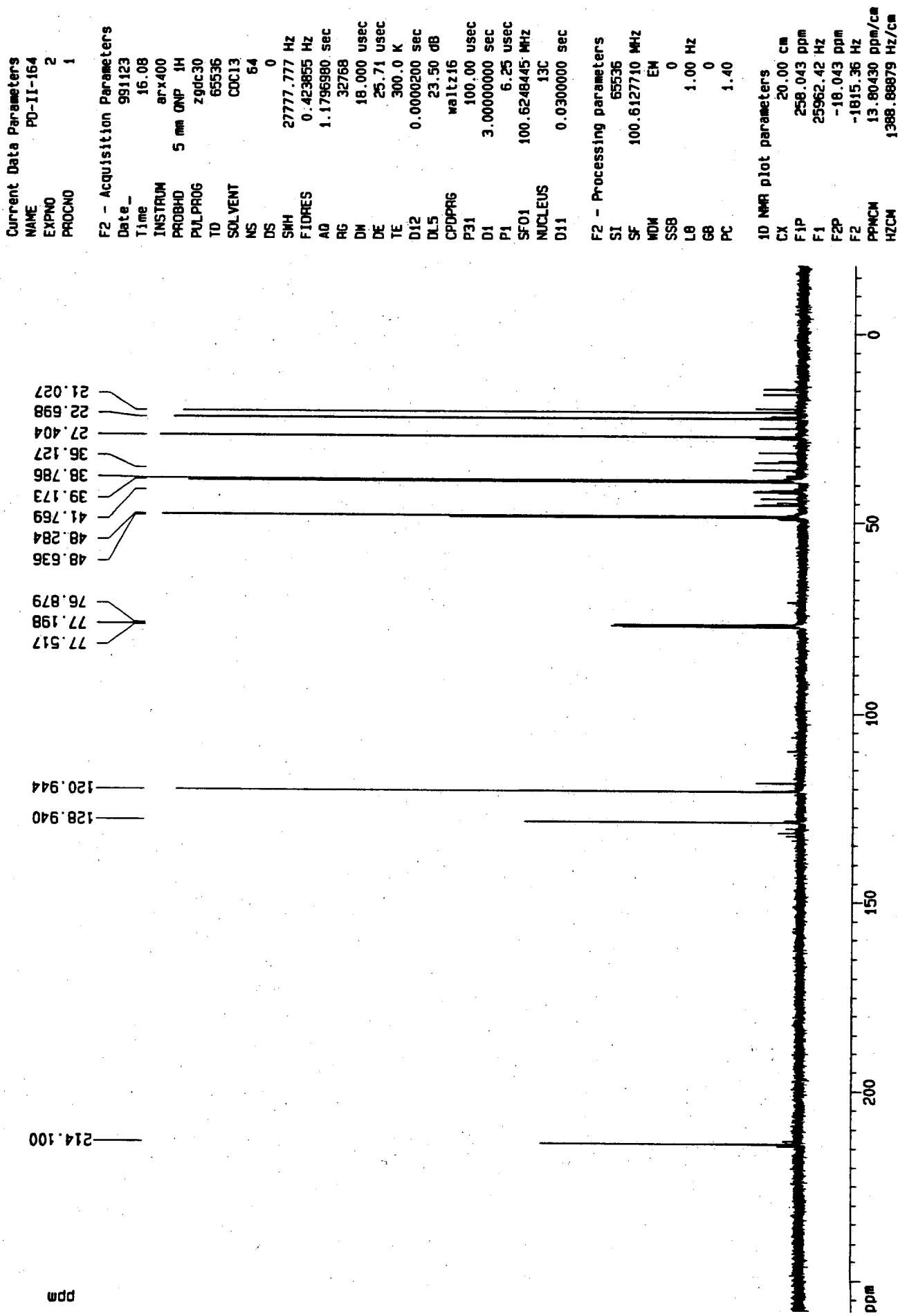
F2 - Processing parameters
 SI 65536
 SF 400.1300167 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 6.261 ppm
 F1 2505.15 Hz
 F2P -0.084 ppm
 F2 -33.51 Hz
 PPMCH 0.31723 ppm/cm
 HZCH 126.93315 Hz/cm





9

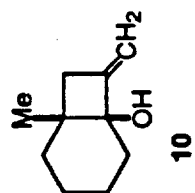


Current Data Parameters
 NAME PD-II-164
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991123
 Time 16.08
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 64
 DS 0
 SMH 27777.777 Hz
 FIDRES 0.423855 Hz
 AQ 1.1796980 sec
 RG 32768
 DM 18.000 usec
 DE 25.71 usec
 TE 300.0 K
 D12 0.0000200 sec
 DL5 23.50 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 3.00000000 sec
 P1 6.25 usec
 SFO1 100.6248445 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 100.6127710 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 F1P 258.043 ppm
 F1 25962.42 Hz
 F2P -18.043 ppm
 F2 -1815.36 Hz
 PPMCM 13.80430 ppm/cm
 HZCM 1388.88879 Hz/cm

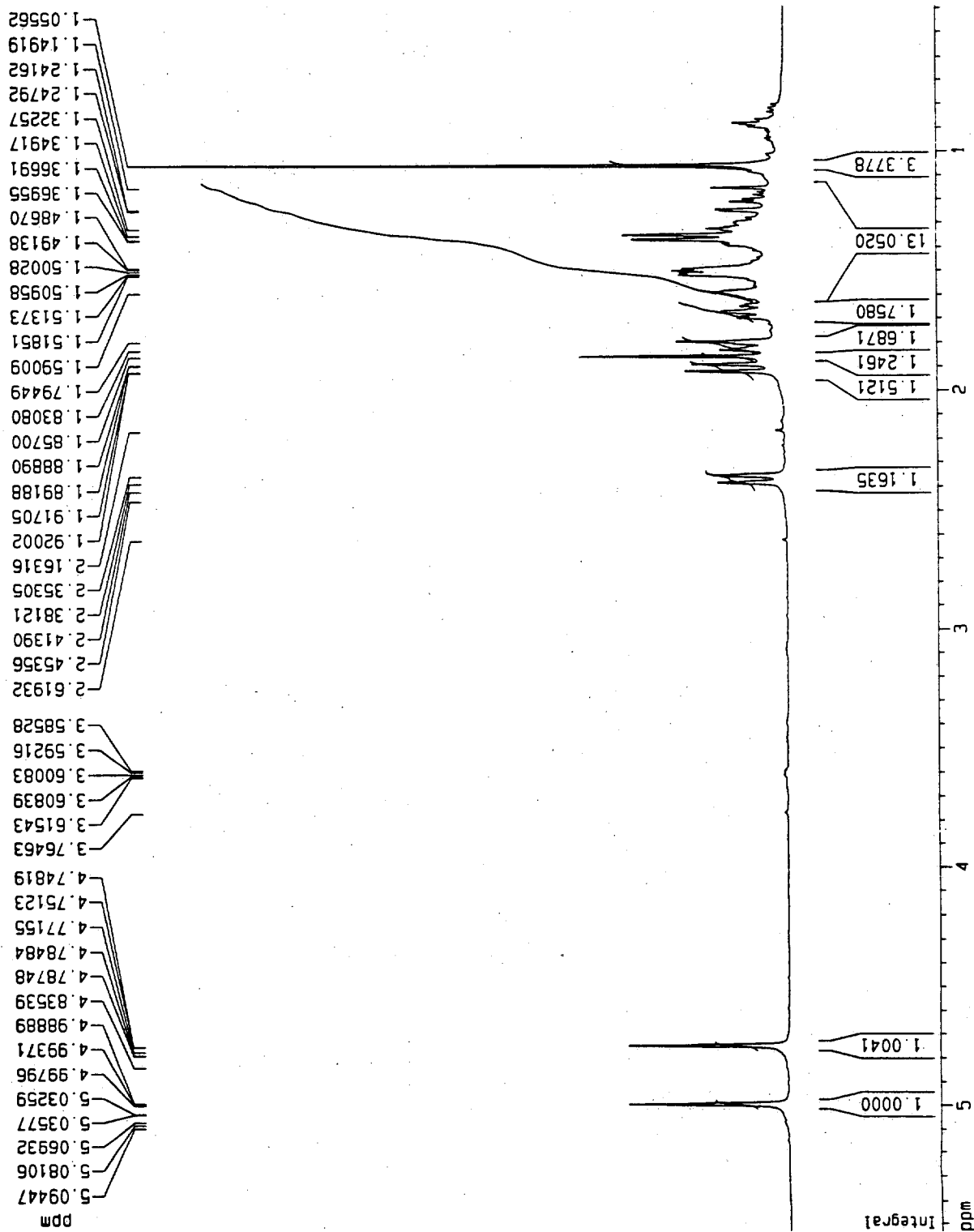


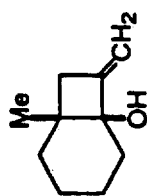
Current Data Parameters
 NAME PD-II-178
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000114
 Time 19.04
 INSTRUM arx500
 PROBHD 5 mm broadband
 PULPROG zg30
 TD 32768
 SOLVENT CDC13
 NS 16
 DS 0
 SWH 10204.082 Hz
 FIDRES 0.311404 Hz
 AQ 1.6056820 sec
 RG 128
 DM 49.000 use
 DE 70.00 use
 TE 300.0 K
 D1 2.0000000 sec
 P1 11.00 use
 SFO1 500.1330008 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 32768
 SF 500.1300228 MHz
 WDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

ID NMR plot parameters
 CX 20.00 cm
 FIP 5.533 ppm
 F1 2767.19 Hz
 F2P 0.388 ppm
 F2 193.99 Hz
 PPMCM 0.25725 ppm
 HZCM 128.66016 Hz/



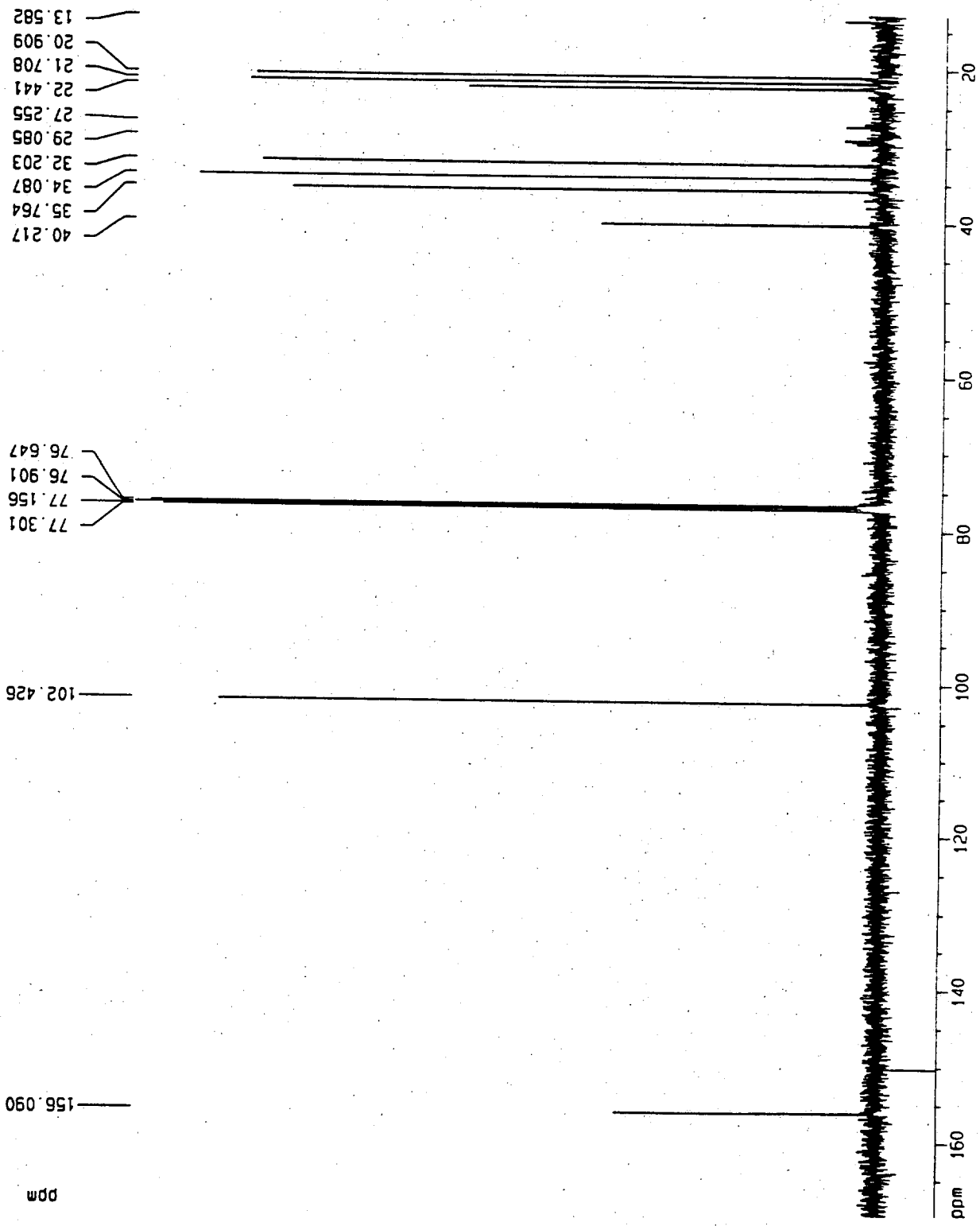


Current Data Parameters
 NAME PD-II-178
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000114
 Time 19.10
 INSTRUM arx500
 PROBHD 5 mm broadba
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 64
 DS 0
 SWH 33333.332 Hz
 FIDRES 0.508626 Hz
 AQ 0.983090 sec
 RG 45500
 DW 15.000 usec
 DE 21.43 usec
 TE 300.0 K
 D12 0.0000200 sec
 DL5 16.00 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 4.0000000 sec
 P1 7.25 usec
 SF01 125.7728999 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 125.7578090 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

10 NMR plot parameters
 CX 20.00 cm
 F1P 169.555 ppm
 F1 21322.83 Hz
 F2P 12.824 ppm
 F2 1612.68 Hz
 PPMCH 7.83655 ppm/cm
 HZCH 985.50720 Hz/cm



Current Data Parameters
 NAME PD-II-188
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000202
 Time 16.42

INSTRUM arx400

PROBHD 5 mm QNP 1H

PULPROG zg30

TD 65536

SOLVENT CDC13

NS 16

DS 0

SWH 8064.516 Hz

FIDRES 0.123055 Hz

AQ 4.0632820 sec

RG 256

DW 62.000 usec

DE 88.57 usec

TE 300.0 K

D1 2.00000000 sec

P1 7.50 usec

SFO1 400.1324008 MHz

NUCLEUS 1H

F2 - Processing parameters

SI 65536

SF 400.1300169 MHz

WDW EM

SSB 0

LB 0.30 Hz

GB 0

PC 1.00

1D NMR plot parameters

CX 20.00 cm

F1P 6.485 ppm

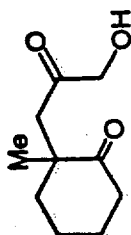
F1 2594.74 Hz

F2P 0.118 ppm

F2 47.10 Hz

PPMCH 0.31835 ppm/cm

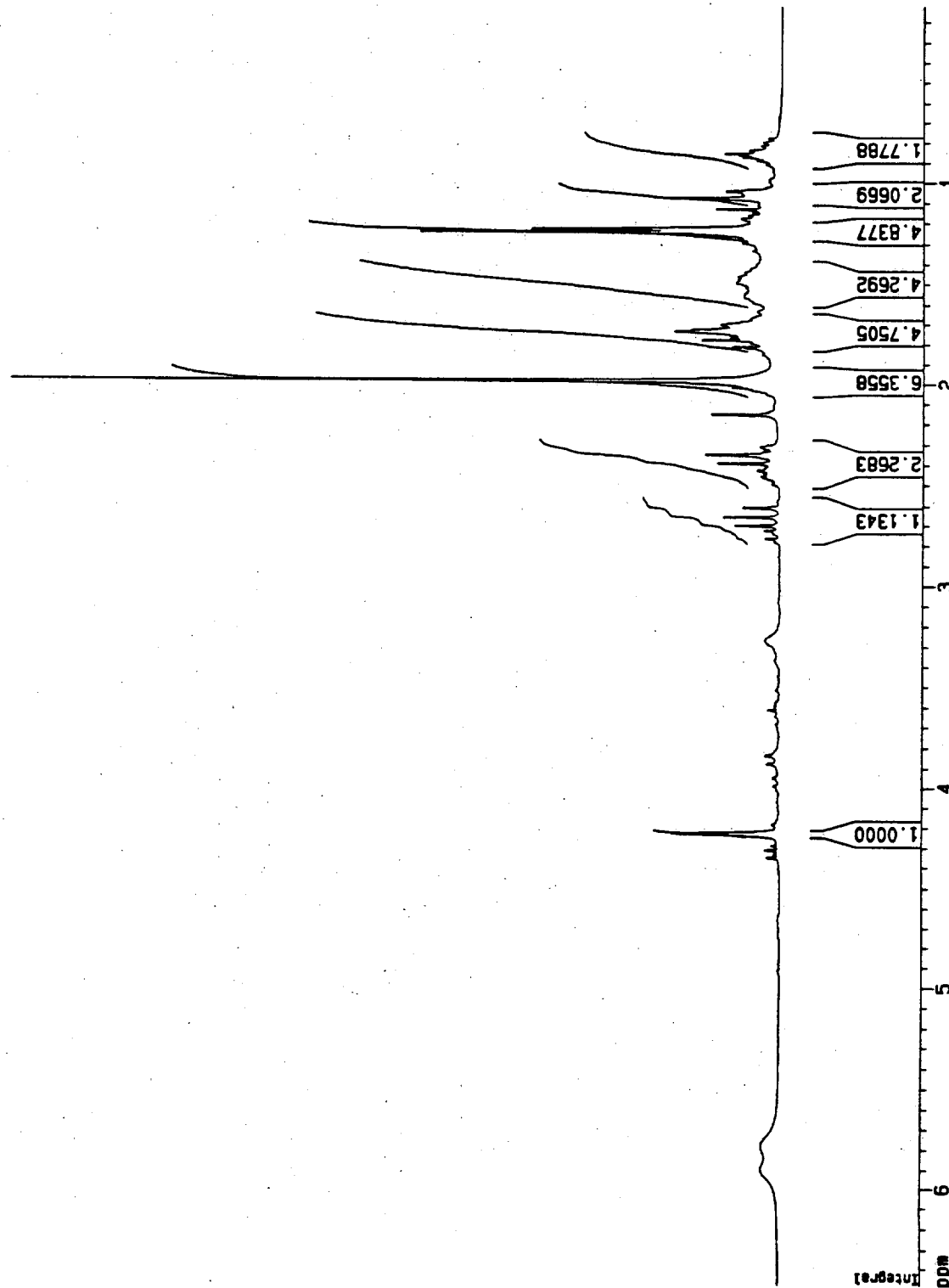
HZCM 127.38168 Hz/cm



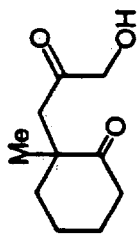
11

5.9001
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 4.72509
 4.68994
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 4.34873
 4.30941
 4.22823
 4.18289
 3.87904
 3.87401
 3.83967
 3.83462
 3.61268
 3.28763
 3.27785
 3.26352
 2.76469
 2.69867
 2.65754
 2.39083
 2.34932
 2.15188
 2.01753
 1.97807
 1.81326
 1.77622
 1.76554
 1.75406
 1.73336
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 1.49362
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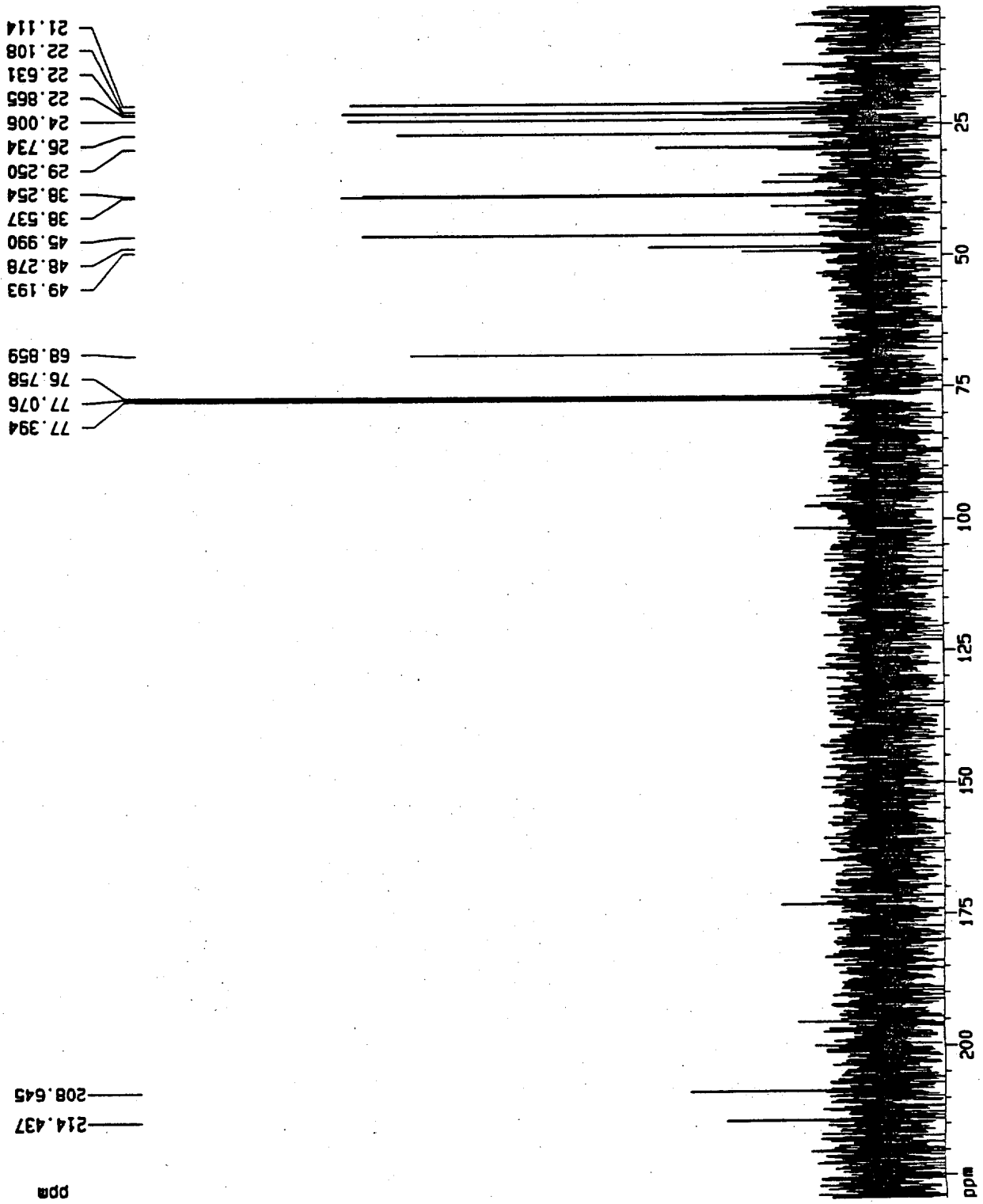
ppm



Integral



11



Current Data Parameters
 NAME PD-II-188
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters

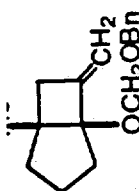
Date_ 20000202
 Time 16.48
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 64
 DS 0
 SMH 27777.777 Hz
 FIDRES 0.423855 Hz
 AQ 1.1796980 sec
 RG 32768
 DM 18.000 usec
 DE 25.71 usec
 TE 300.0 K
 D12 0.0000200 sec
 DL5 23.50 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 4.0000000 sec
 P1 6.25 usec
 SF01 100.6248445 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters

SI 65536
 SF 100.6127710 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters

CX 20.00 cm
 F1P 229.482 ppm
 F1 23088.86 Hz
 F2P 2.840 ppm
 F2 285.74 Hz
 PPMCM 11.33212 ppm/cm
 HZCM 1140.15554 Hz/cm

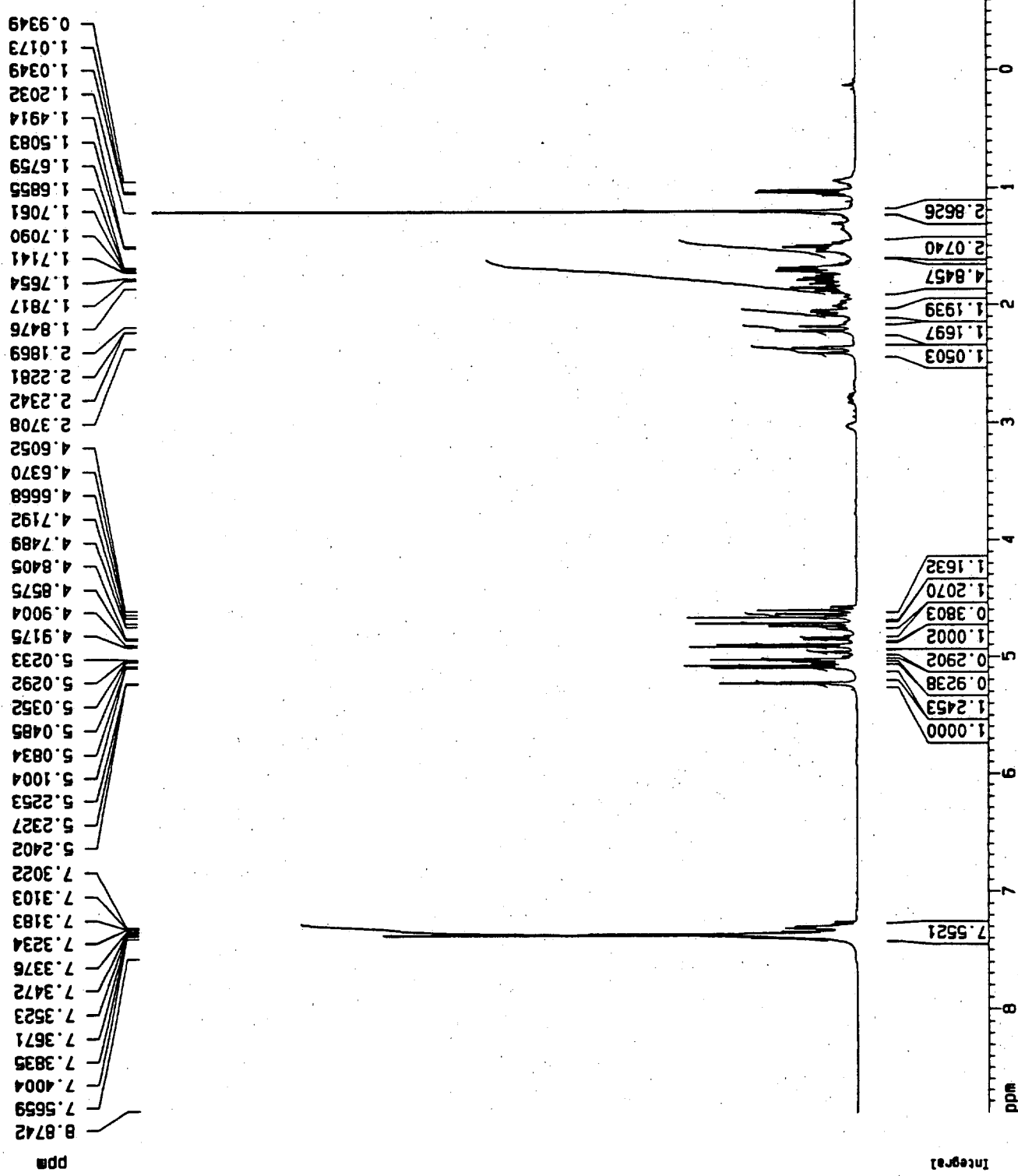


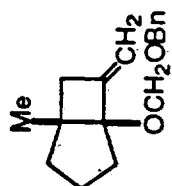
Current Data Parameters
 NAME PD-II-147
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991014
 Time 14.00
 INSTRUM arx400
 PROBHD 5 mm GNP 1H
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 4032.258 Hz
 FIDRES 0.061527 Hz
 AQ 8.1265144 sec
 RG 128
 DM 124.000 usec
 DE 155.00 usec
 TE 300.0 K
 O1 2.0000000 sec
 P1 7.50 usec
 SF01 400.1315620 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 65536
 SF 400.1300173 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 9.400 ppm
 F1 3761.22 Hz
 F2P -0.600 ppm
 F2 -240.08 Hz
 PPMCM 0.50000 ppm/cm
 HZCM 200.06500 Hz/cm





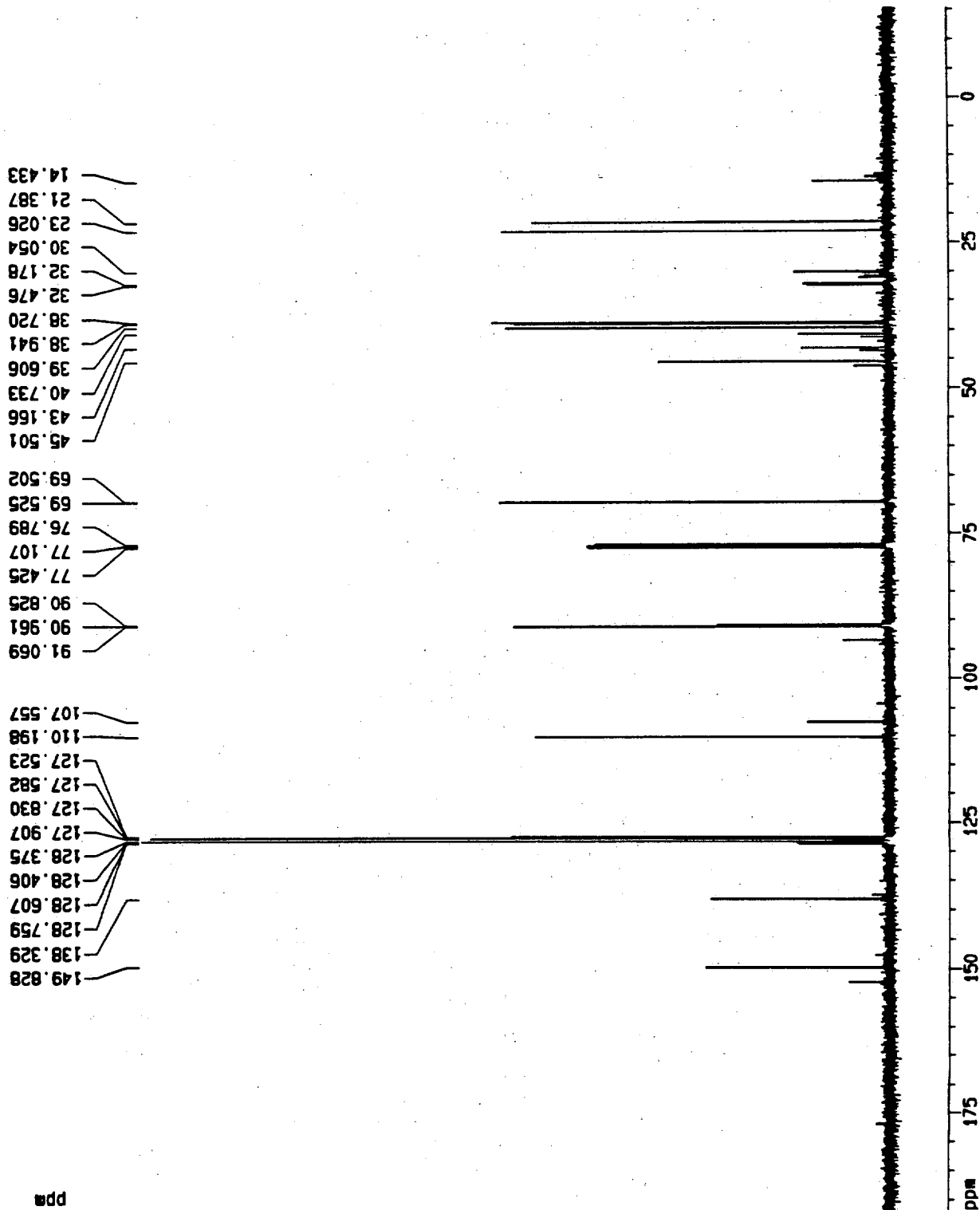
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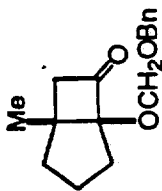
Current Data Parameters
 NAME PD-II-147
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991014
 Time 14.08
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 64
 DS 0
 SWH 20833.334 Hz
 FIDRES 0.317891 Hz
 AQ 1.5729140 sec
 RG 32768
 DM 24.000 usec
 DE 30.00 usec
 TE 300.0 K
 D12 0.0000200 sec
 DL5 23.50 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 4.0000000 sec
 P1 6.25 usec
 SF01 100.6216465 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 100.6127710 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 FIP 191.747 ppm
 F1 19292.20 Hz
 F2P -15.318 ppm
 F2 -1541.14 Hz
 PPMCN 10.35323 ppm/cm
 HZCN 1041.66675 Hz/cm





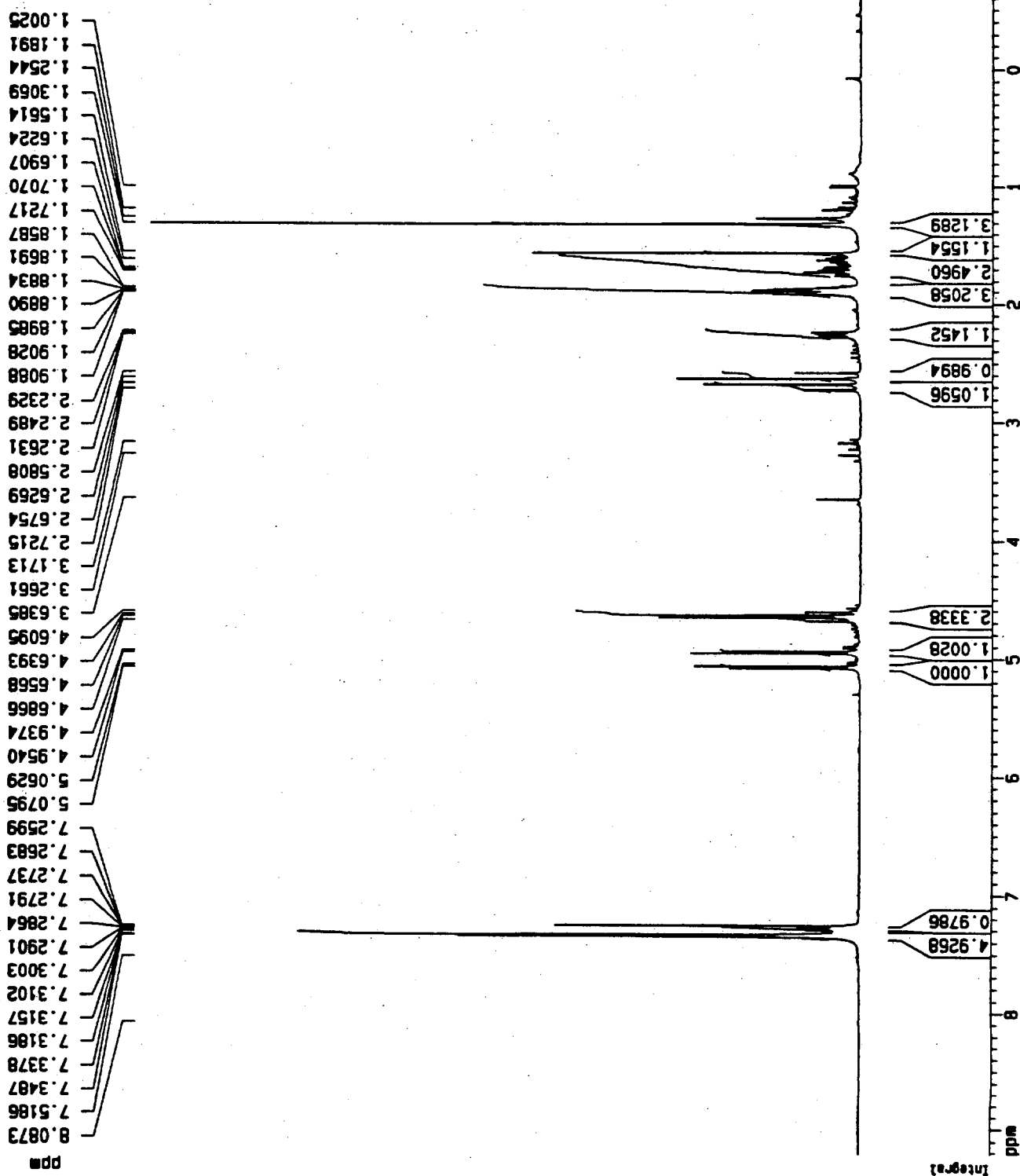
Current Data Parameters
 NAME PD-II-148
 EXPNO 1
 PROCNO 1

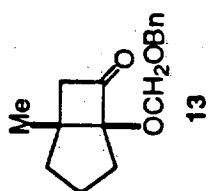
F2 - Acquisition Parameters
 Date_ 991015
 Time 13.53

INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zg30
 TD 65536
 SOLVENT CDCl₃
 NS 16
 DS 0
 SMH 4098.361 Hz
 FIDRES 0.062536 Hz
 AQ 7.9954419 sec
 RG 1430
 DM 122.000 usec
 DE 152.50 usec
 TE 300.0 K
 D1 2.0000000 sec
 P1 7.50 usec
 SF01 400.1316562 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 65536
 SF 400.1300177 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 9.400 ppm
 F1 3761.22 Hz
 F2P -0.600 ppm
 F2 -240.08 Hz
 PPMCH 0.50000 ppm/cm
 HZCH 200.06500 Hz/cm



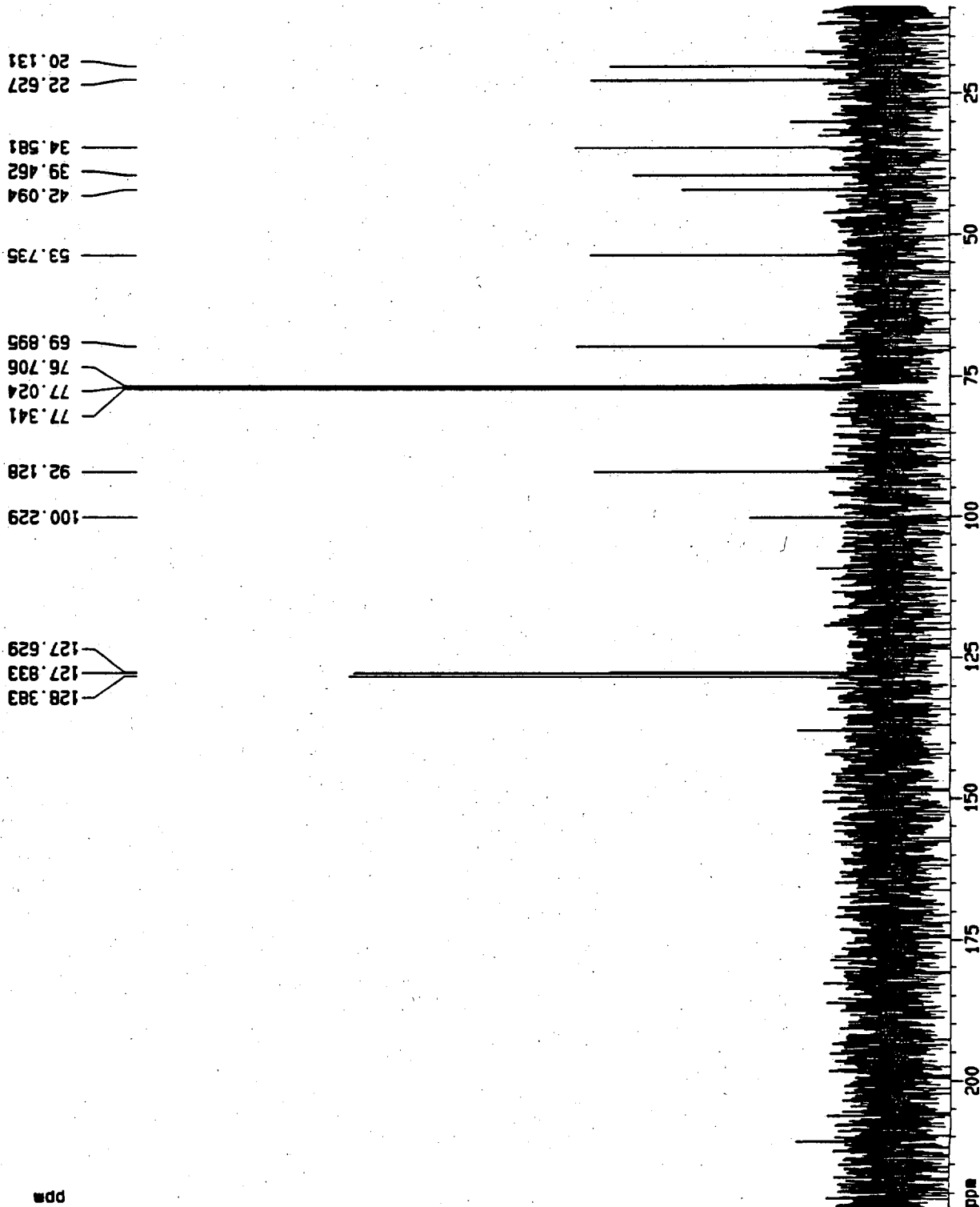


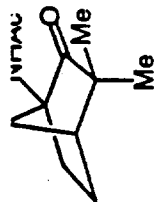
Current Data Parameters
 NAME PD-II-148
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 991015
 Time 14.06
 INSTRUM erx400
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 128
 DS 0
 SWH 27777.777 Hz
 FIDRES 0.423655 Hz
 AQ 1.1796980 sec
 RG 32768
 DM 18.000 usec
 DE 25.71 usec
 TE 300.0 K
 D12 0.0000200 sec
 DLS 23.50 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 4.0000000 sec
 P1 6.25 usec
 SF01 100.6248445 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 100.6127710 MHz
 NDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 FIP 222.726 ppm
 F1 22409.09 Hz
 F2P 9.596 ppm
 F2 965.51 Hz
 PPMCH 10.65649 ppm/cm
 HZCM 1072.17896 Hz/cm





Current Data Parameters
 NAME PD-II-184
 EXPNO 1
 PROCNO 1

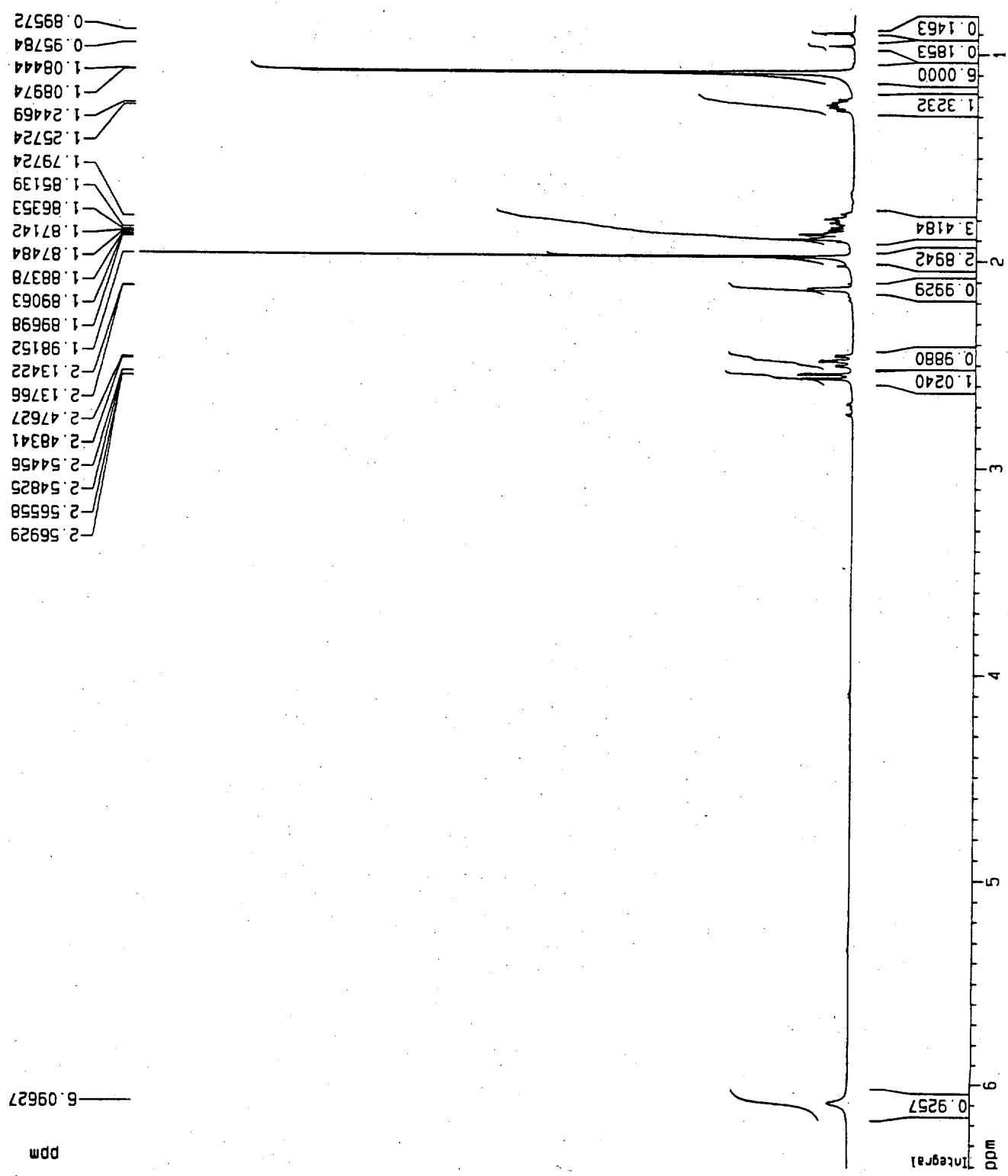
F2 - Acquisition Parameters
 Date_ 20000620
 Time 9.38
 INSTRUM avance500
 PROBHD 5 mm bb-Z

PULPROG zg30
 TD 32768
 SOLVENT CDC13
 NS 16
 DS 0
 SMH 4280.822 Hz
 FIDRES 0.130640 Hz
 AQ 3.8273523 sec
 RG 128
 DM 116.800 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.0000000 sec

==== CHANNEL f1 =====
 NUC1 1H
 P1 12.50 usec
 PL1 0.00 dB
 SF01 500.3320252 MHz

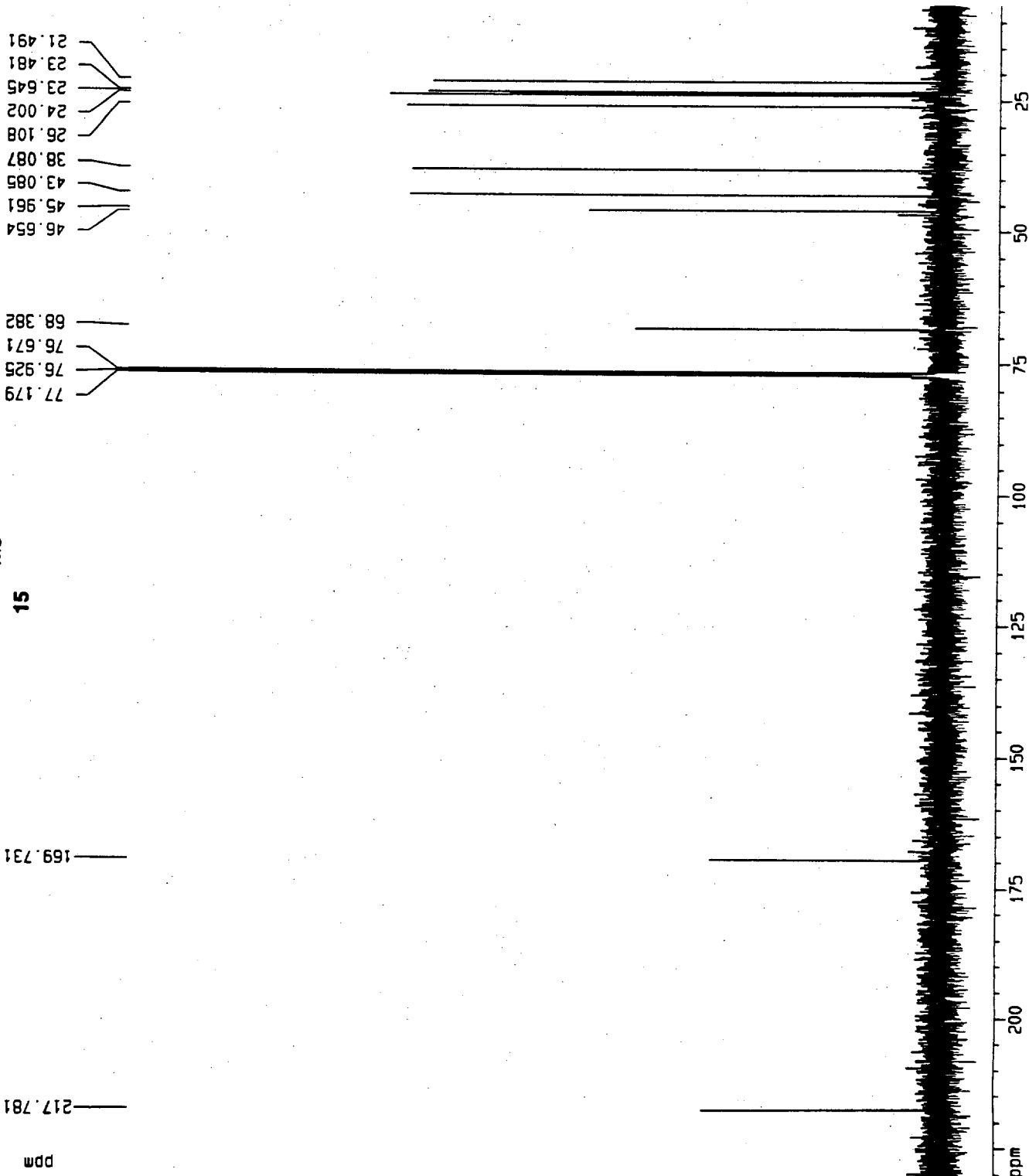
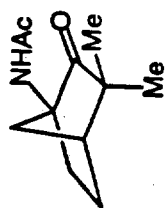
F2 - Processing parameters
 SI 32768
 SF 500.3300221 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

ID NMR plot parameters
 CX 20.00 cm
 F1P 6.412 ppm
 F1 3207.92 Hz
 F2P 0.811 ppm
 F2 406.01 Hz
 PPMCM 0.28001 ppm/c
 HZCM 140.09532 Hz/cr



2.56929
 2.56558
 2.54825
 2.54456
 2.48341
 2.47627
 2.13766
 2.13422
 1.98152
 1.89698
 1.89063
 1.88378
 1.87484
 1.87142
 1.86353
 1.85139
 1.79724
 1.25724
 1.24469
 1.08974
 1.08444
 0.95784
 0.89572

6.09627



Current Data Parameters
 NAME PD-II-184
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000620
 Time 9.44
 INSTRUM avance500
 PROBHD 5 mm bb-Z

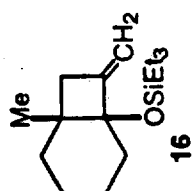
PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 64
 DS 0
 SWH 32679.738 Hz
 FIDRES 0.498653 Hz
 AQ 1.0027508 sec
 RG 3251
 DW 15.300 usec
 DE 6.00 usec
 TE 300.0 K
 D1 4.0000000 sec
 d11 0.0300000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 5.25 usec
 PL1 0.00 dB
 SF01 125.8231939 MHz

***** CHANNEL f2 *****
 CPOPRG2 waltz16
 NUC2 1H
 PCPD2 105.00 usec
 PL2 120.00 dB
 PL12 19.00 dB
 SF02 500.3320013 MHz

F2 - Processing parameters
 SI 65536
 SF 125.8080969 MHz
 MDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

ID NMR plot parameters
 CX 20.00 cm
 FIP 230.383 ppm
 F1 28984.05 Hz
 F2P 6.750 ppm
 F2 849.18 Hz
 PPMCM 11.18166 ppm/cm
 HZCM 1406.74377 Hz/cm



Current Data Parameters
 NAME PD-II-209
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000317
 Time 15.03

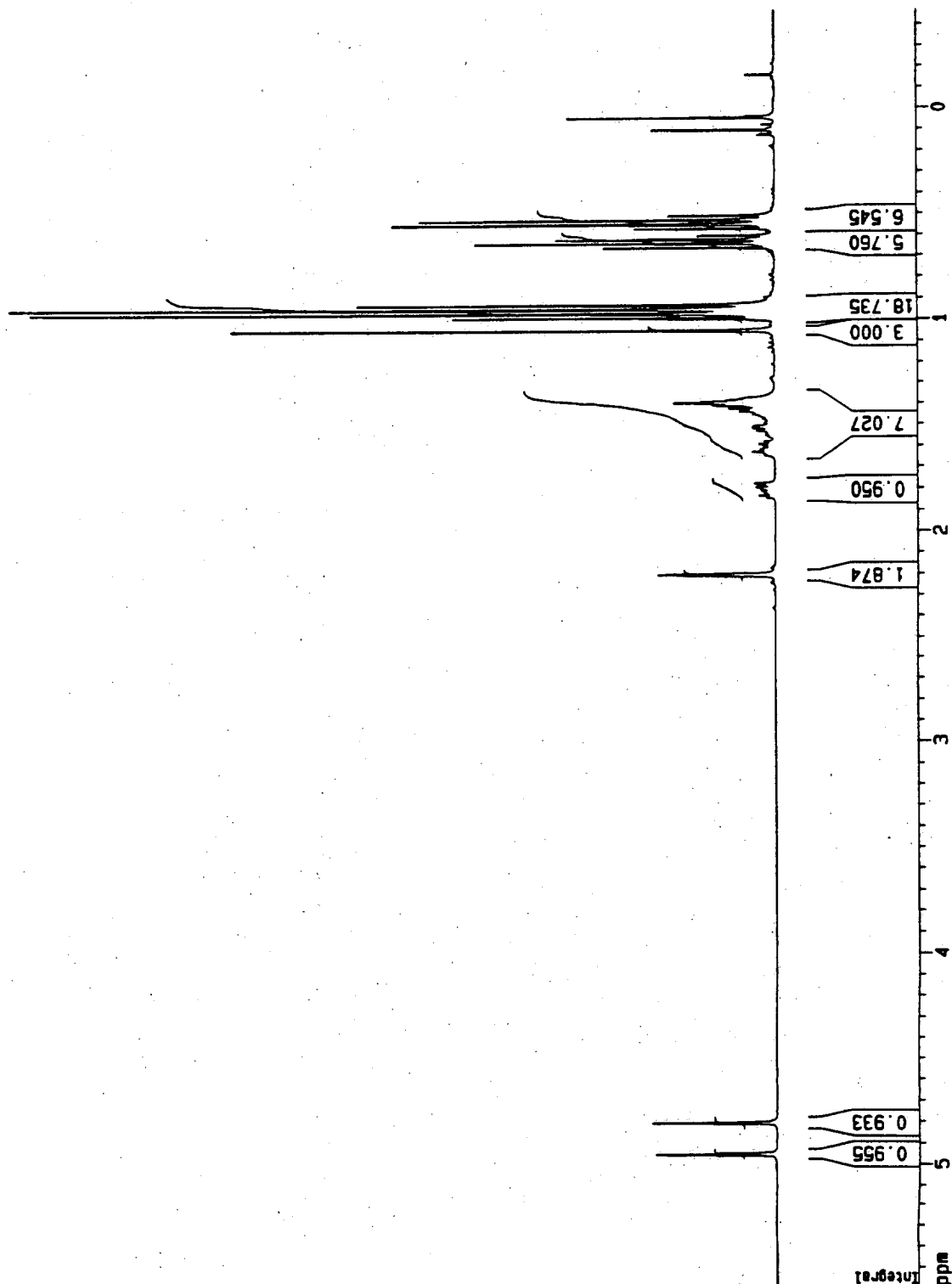
INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zg30
 TD 65536
 SOLVENT CDC13
 NS 16
 DS 0
 SWH 8064.516 Hz
 FIDRES 0.123055 Hz
 AQ 4.0632820 sec
 RG 45
 DW 62.000 usec
 DE 88.57 usec
 TE 300.0 K
 D1 2.0000000 sec
 P1 7.50 usec
 SF01 400.1324008 MHz
 NUCLEUS 1H

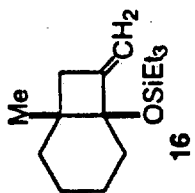
F2 - Processing parameters
 SI 65536
 SF 400.1300176 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 5.586 ppm
 F1 2235.18 Hz
 F2P -0.467 ppm
 F2 -186.87 Hz
 PPMCH 0.30266 ppm/cm
 HZCM 121.10230 Hz/cm

2.3680
2.2156
2.2104
2.2069
2.2020
1.778
1.6300
1.4266
1.4064
1.4008
1.3948
1.0549
0.9973
0.9773
0.9742
0.9576
0.9540
0.9344
0.6651
0.6453
0.6272
0.6248
0.6076
0.6037
0.5719
0.5525
0.5326
0.5122
0.1051
0.0489

4.9739
4.9682
4.9605
4.9546
4.9488
4.8139
4.8092
4.8044
4.7946



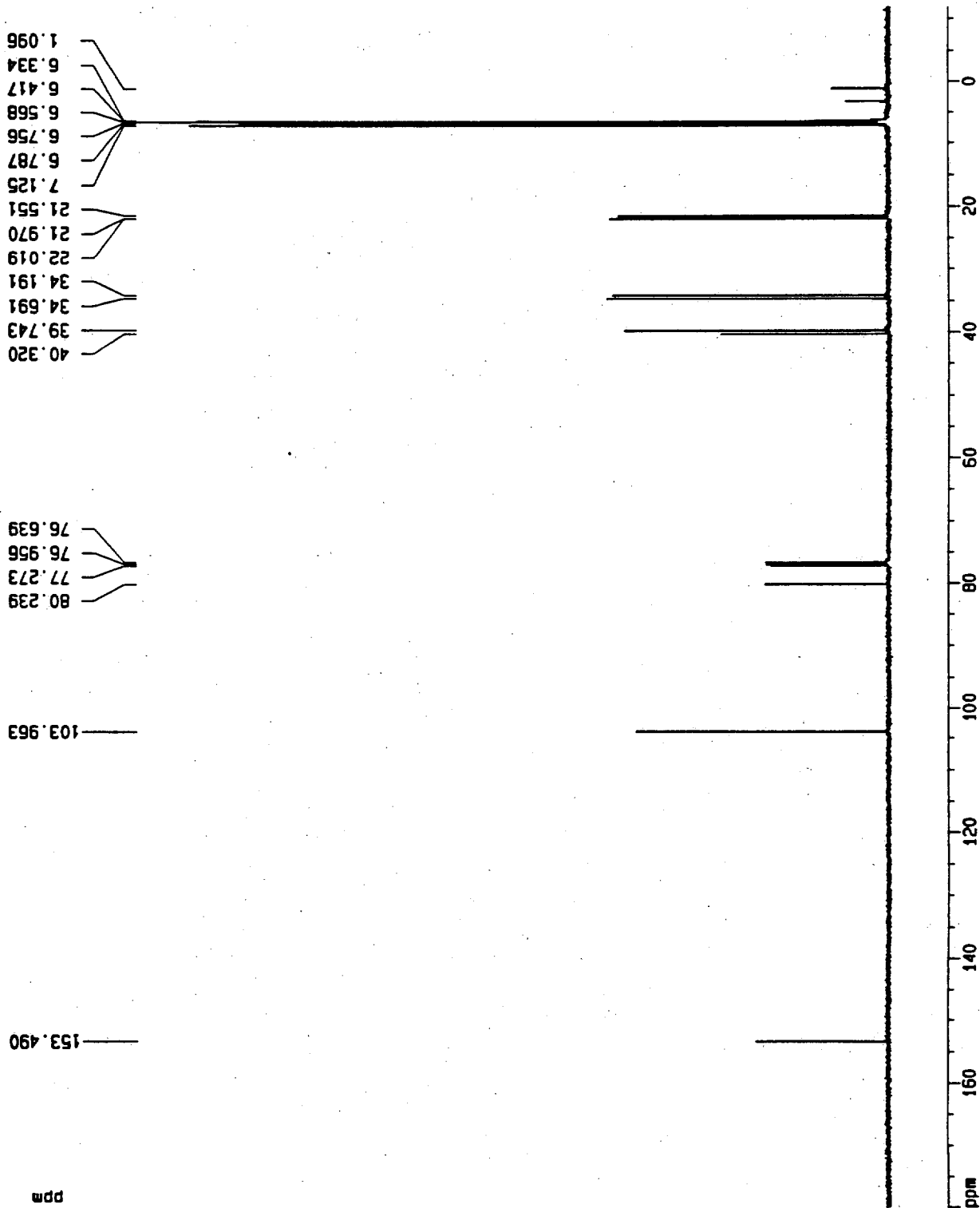


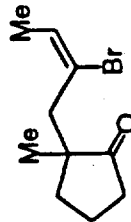
Current Data Parameters
 NAME PD-II-209
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000317
 Time 15.09
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 64
 DS 0
 SWH 27777.777 Hz
 FIDRES 0.423655 Hz
 AQ 1.1796980 sec
 RG 32768
 DM 18.000 usec
 DE 25.71 usec
 TE 300.0 K
 D12 0.0000200 sec
 DL5 23.50 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 4.0000000 sec
 P1 6.25 usec
 SF01 100.6248445 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

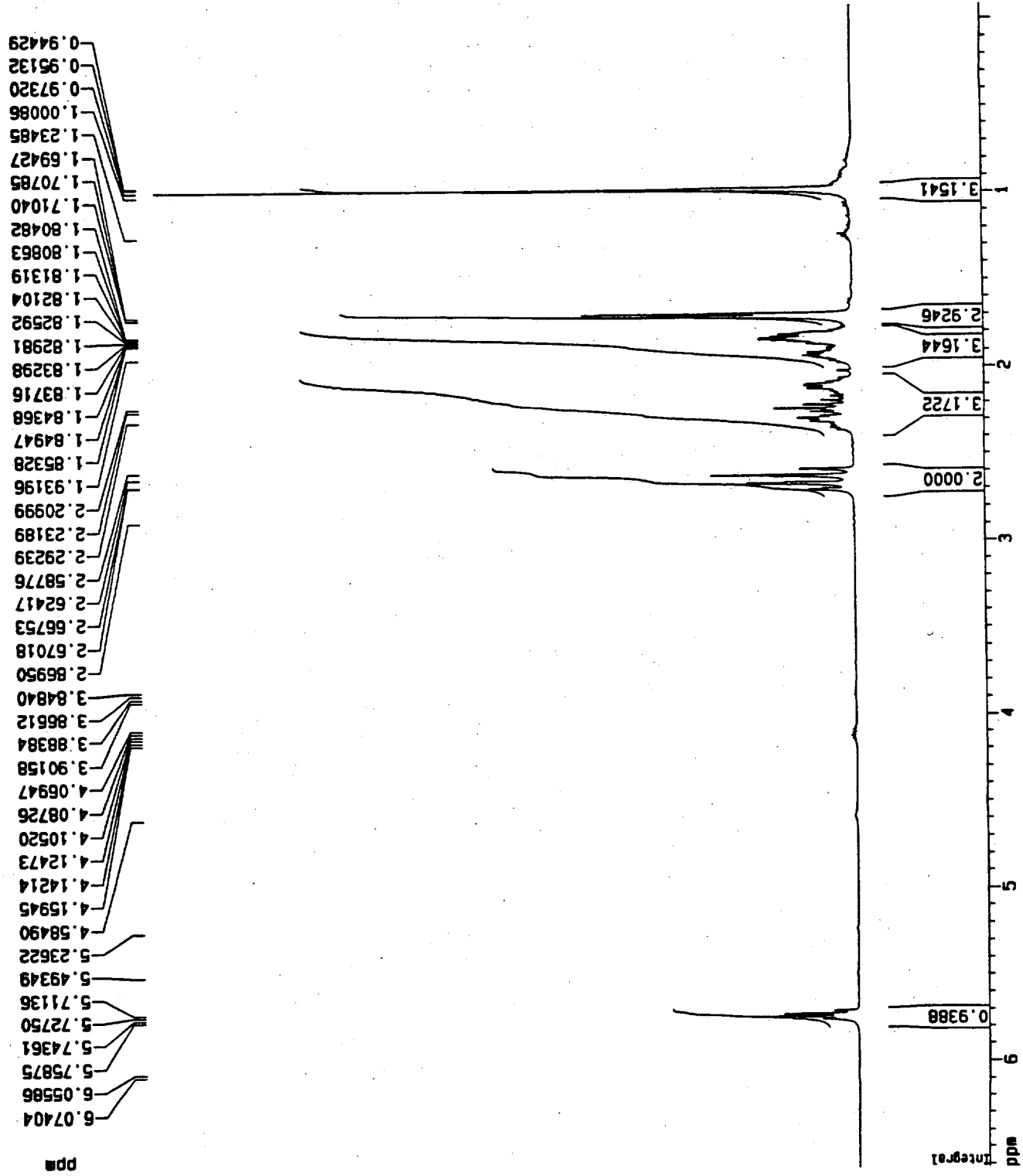
F2 - Processing parameters
 SI 65536
 SF 100.6127710 MHz
 FWHM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 FIP 180.039 ppm
 F1 18114.19 Hz
 F2P -11.901 ppm
 F2 -1197.39 Hz
 PPMCH 9.59698 ppm/cm
 HZCM 965.57898 Hz/cm





17



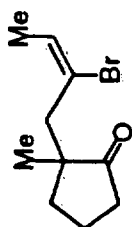
Current Data Parameters
 NAME PD-II-192
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000211
 Time 15.26

INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SMH 8064.516 Hz
 FIDRES 0.123055 Hz
 AQ 4.0632820 sec
 RG 256
 DM 62.000 usec
 DE 88.57 usec
 TE 300.0 K
 O1 2.0000000 sec
 P1 7.50 usec
 SFO1 400.1324008 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 65536
 SF 400.1300165 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 FIP 6.620 ppm
 F1 2648.93 Hz
 F2P -0.083 ppm
 F2 -33.26 Hz
 PPMCH 0.33517 ppm/cm
 HZCM 134.10959 Hz/cm



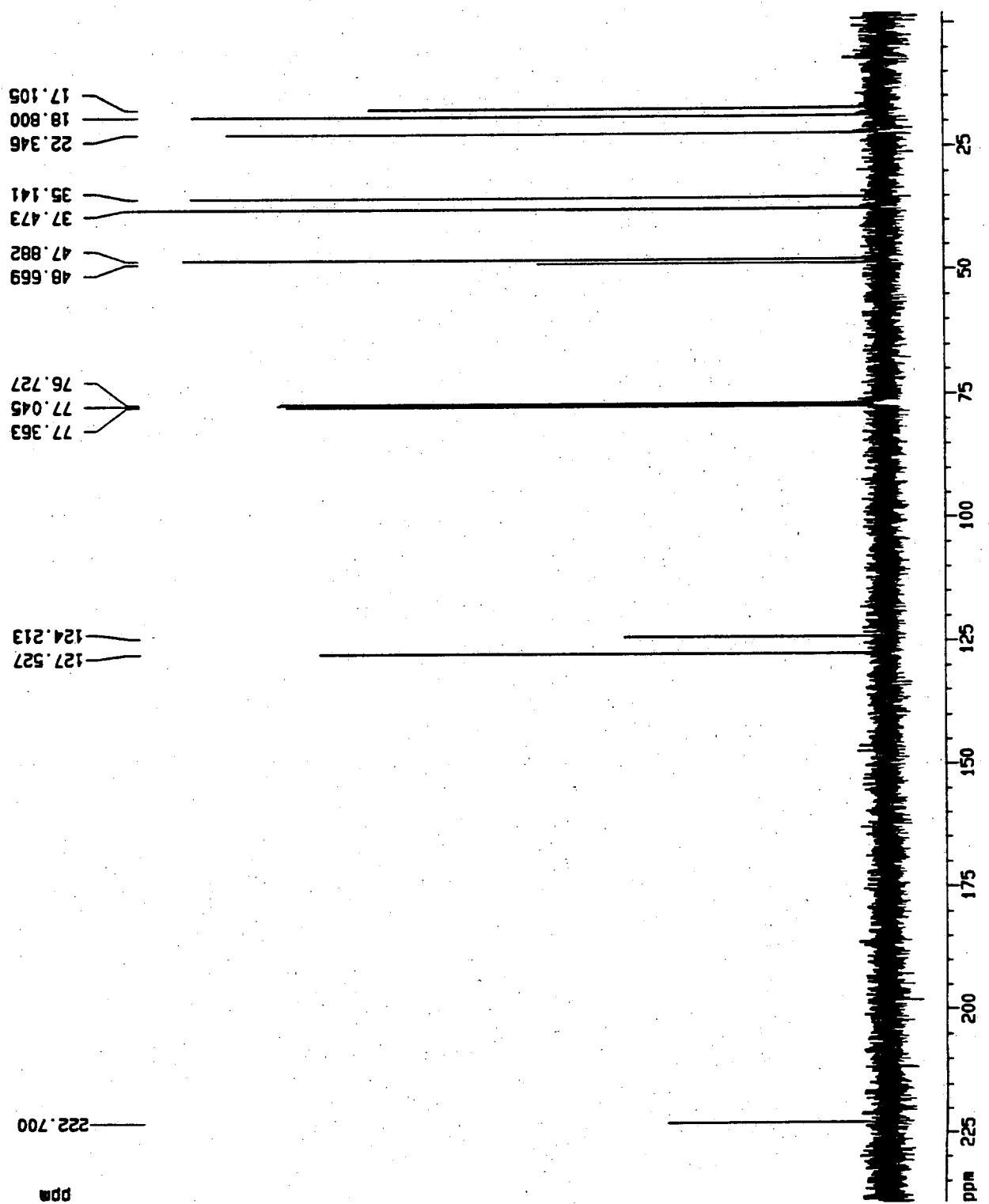
17

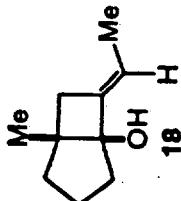
Current Data Parameters
 NAME PD-11-192
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000211
 Time 15.33
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 64
 DS 0
 SWH 27777.777 Hz
 FIDRES 0.423655 Hz
 AQ 1.1795980 sec
 RG 32768
 DM 18.000 usec
 DE 25.71 usec
 TE 300.0 K
 D12 0.0000200 sec
 DLS 23.50 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 4.00000000 sec
 P1 6.25 usec
 SF01 100.6248445 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 100.6127710 MHz
 WDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 FIP 239.310 ppm
 F1 24077.51 Hz
 F2P -2.074 ppm
 F2 -208.63 Hz
 PPMCM 12.06916 ppm/cm
 HZCM 1214.31201 Hz/cm





Current Data Parameters
 NAME PD-III-8a
 EXPNO 1
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 2000815
 Time 15.02
 INSTRUM avance500
 PROBHD 5 mm bb-Z

PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 4084.967 Hz
 FIDRES 0.124663 Hz
 AQ 4.0108533 sec
 RG 128
 DW 122.400 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.0000000 sec

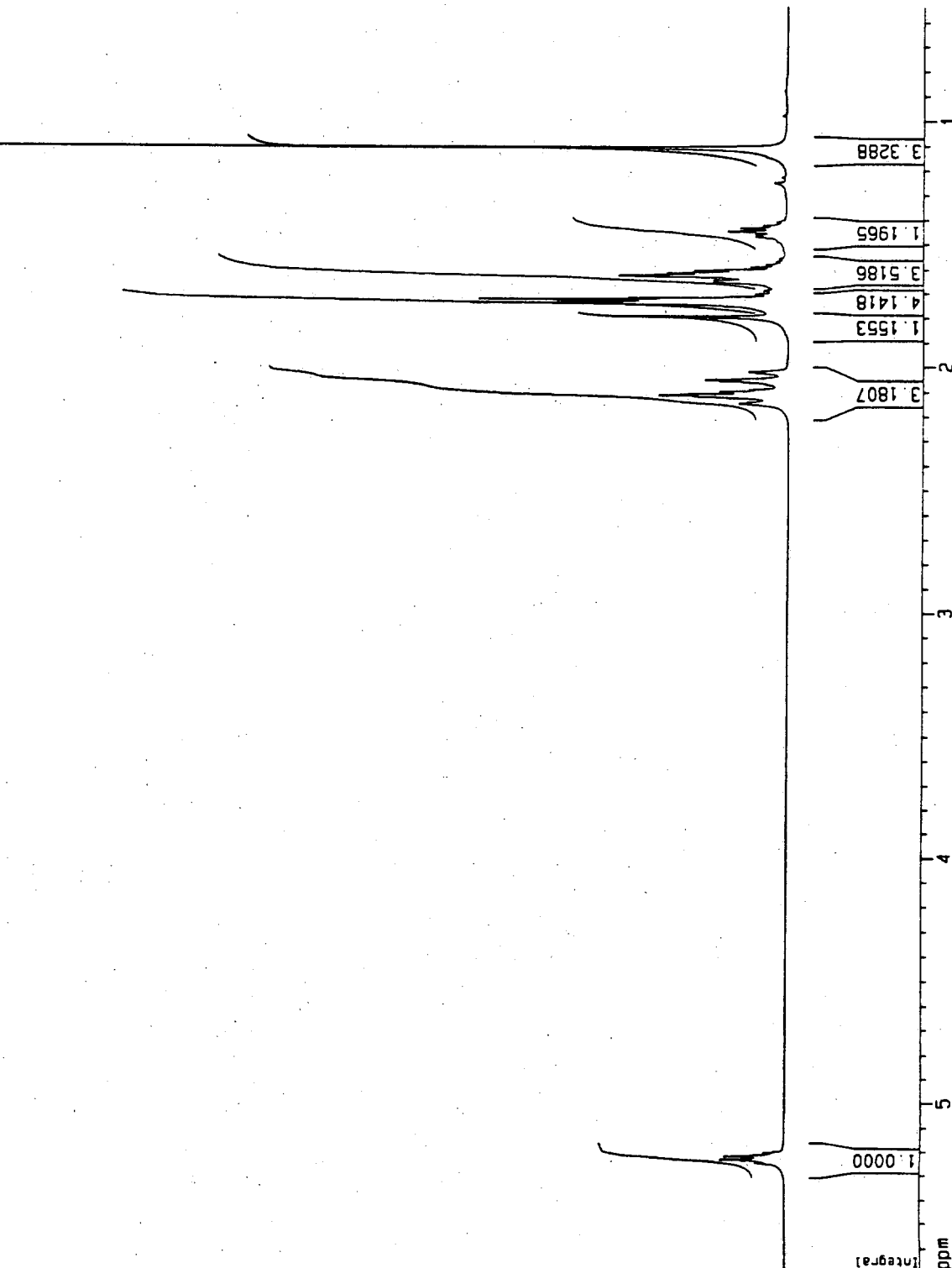
===== CHANNEL f1 =====
 NUC1 1H
 P1 12.50 usec
 PL1 0.00 dB
 SF01 500.3321135 MHz

F2 - Processing parameters
 SI 32768
 SF 500.3300217 MHz
 WDM EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 5.686 ppm
 F1 2844.78 Hz
 F2P 0.531 ppm
 F2 265.75 Hz
 PPMCM 0.25773 ppm/c
 HZCM 128.95151 Hz/cr

2.14503
 2.11711
 2.11273
 2.10879
 2.09884
 2.05809
 2.05363
 1.79476
 1.74217
 1.73757
 1.73289
 1.72820
 1.72364
 1.71907
 1.65592
 1.65061
 1.64500
 1.62511
 1.61342
 1.60347
 1.44659
 1.14408
 1.10438

5.25347
 5.24890
 5.24389
 5.23956
 5.23495
 5.23023
 5.22562
 5.22098
 5.21634
 5.21174
 5.20704



Current Data Parameters
 NAME PD-III-8a
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000815
 Time 17.31
 INSTRUM avance500
 PROBHD 5 mm bb-Z

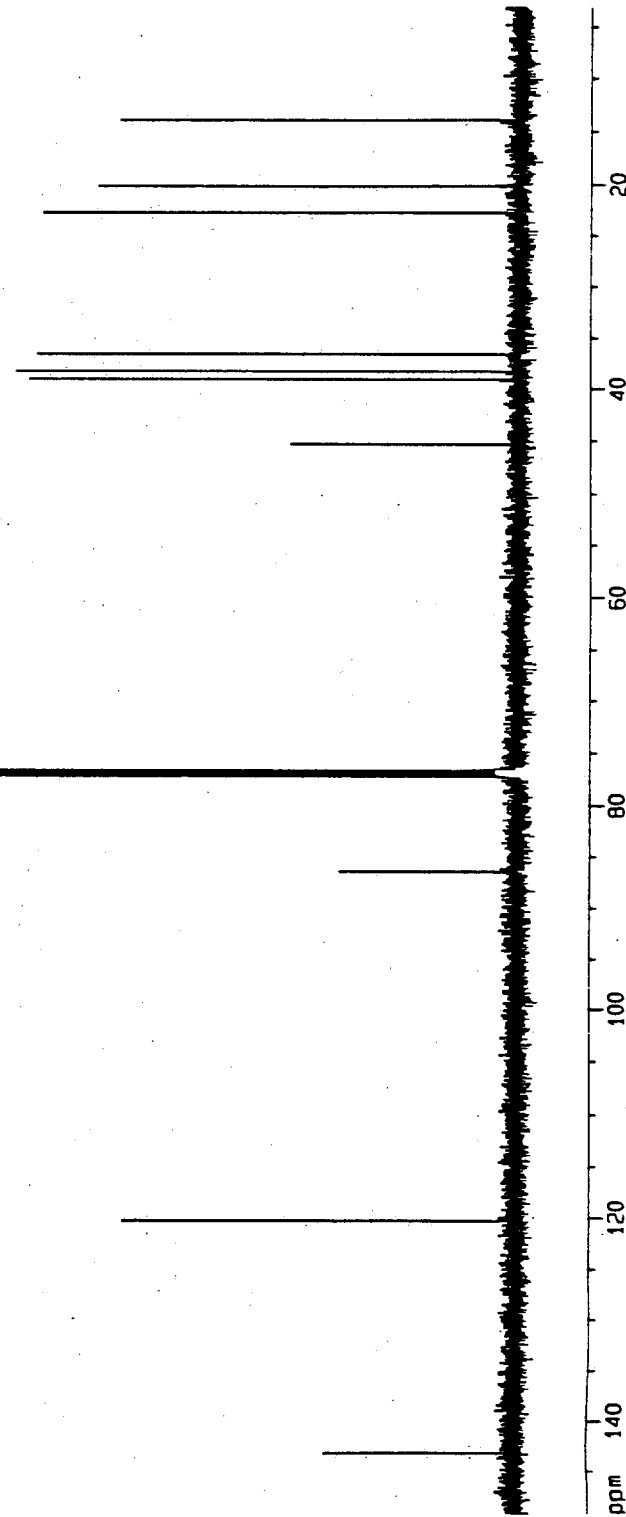
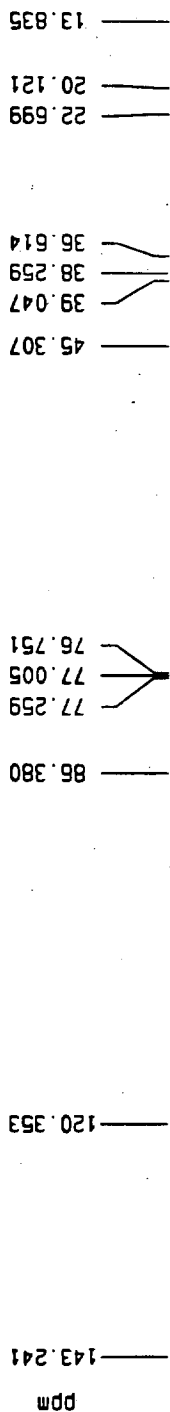
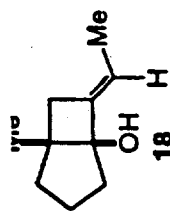
PULPROG zgdc30
 TD 65536
 SOLVENT CDCl3
 NS 128
 DS 0
 SMH 22123.895 Hz
 FIDRES 0.337584 Hz
 AQ 1.4811636 sec
 RG 4096
 DW 22.600 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.00000000 sec
 d11 0.03000000 sec

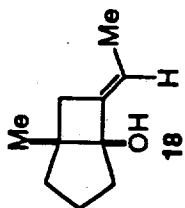
***** CHANNEL f1 *****
 NUC1 13C
 P1 5.25 usec
 PL1 0.00 dB
 SFO1 125.8184867 MHz

***** CHANNEL f2 *****
 CPOPRG2 waltz16
 NUC2 1H
 PCPD2 105.00 usec
 PL2 120.00 dB
 PL12 19.00 dB
 SFO2 500.3320013 MHz

F2 - Processing parameters
 SI 65536
 SF 125.8080838 MHz
 MDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 F1P 149.071 ppm
 F1 18754.31 Hz
 F2P 3.108 ppm
 F2 390.98 Hz
 PPMCH 7.29815 ppm/cm
 HZCM 918.16608 Hz/cm





Current Data Parameters
 NAME PD-11-2751.nml
 ENPMO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date 20000621
 Time 9.49
 INSTRUM avance500
 PROCNO 5 nm dd-7

PULPROG noesyppol
 TO 1024
 SOLVENT CDCl3
 NS 4
 DS 16
 SM 3004.800 Hz
 FIDRES 2.934382 Hz
 AQ 0.1704438 sec
 RG 203.2
 DM 166.400 usec
 DE 6.00 usec
 TE 300.0 K
 D0 0.0000000 sec
 O1 2.0000000 sec
 O2 1.0000000 sec
 O11 0.0300000 sec
 O16 0.0001000 sec
 G0 0.4984000 sec
 INO 0.0003280 sec
 F3 45

***** CHANNEL f1 *****
 NUC1 1H
 P1 12.50 usec
 P2 25.00 usec
 PC 1 0.00 dB
 SF01 500.3315010 MHz

***** GRADIENT CHANNEL *****
 GPMAX1 size 100
 GPMIN2 size 100
 GPX1 0.00 %
 GPX2 0.00 %
 GPY1 0.00 %
 GPY2 0.00 %
 GPZ1 40.00 %
 GPZ2 -40.00 %
 P16 1500.00 usec

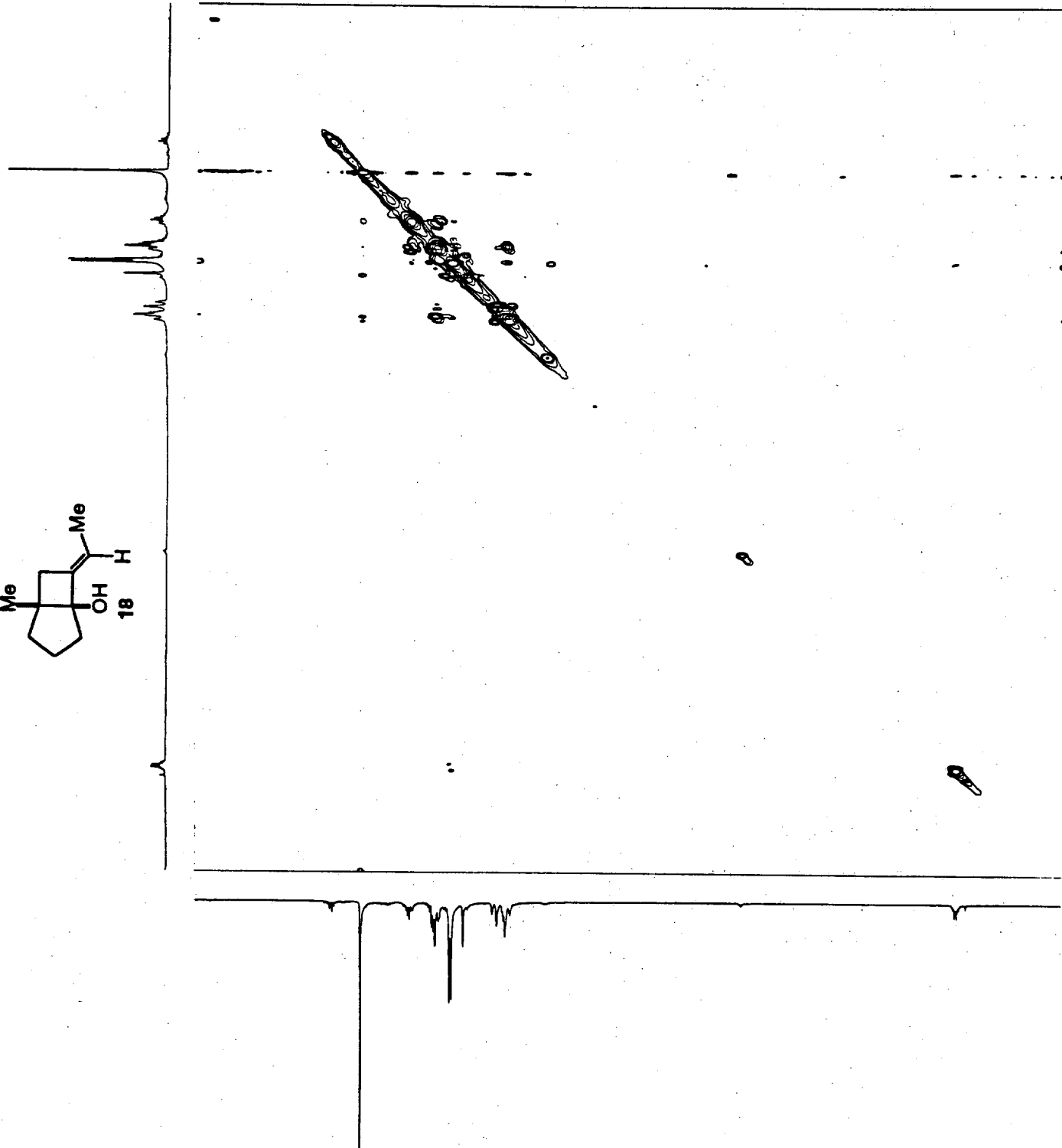
F1 - Acquisition parameters
 MD0 1
 TO 256
 SF01 500.3315 MHz
 FIDRES 11.237530 Hz
 SW 6.006 ppm

F2 - Processing parameters
 SI 1024
 SF 500.3300224 MHz
 MW 051HC
 SSB 2
 LB 0.00 Hz
 GB 0
 PC 1.00

F1 - Processing parameters
 SI 1024
 MC2 S14185-1791
 SF 500.3300224 MHz
 MW 051HC
 SSB 2
 LB 0.00 Hz
 GB 0
 PC 1.00

2D MRS plot parameters
 CAP 15.00 cm
 CH 15.00 cm
 FAPLD 5.958 ppm
 FLD 2981.03 Hz
 FPH1 -0.048 ppm
 FPH2 -23.77 Hz
 FPL0 5.958 ppm
 FPL1 2981.03 Hz
 FPH1 0.048 ppm
 FPH2 -23.77 Hz
 FPPMCM 0.40038 ppm/cm
 FPHZCM 200.32051 Hz/cm
 FPPMCM 0.40038 ppm/cm
 FPHZCM 200.32051 Hz/cm

1 2 3 4 5 ppm



1 2 3 4 5 ppm

ppm

Current Data Parameters
 NAME PD-111-8b
 EXPNO 1
 PROCNO 1

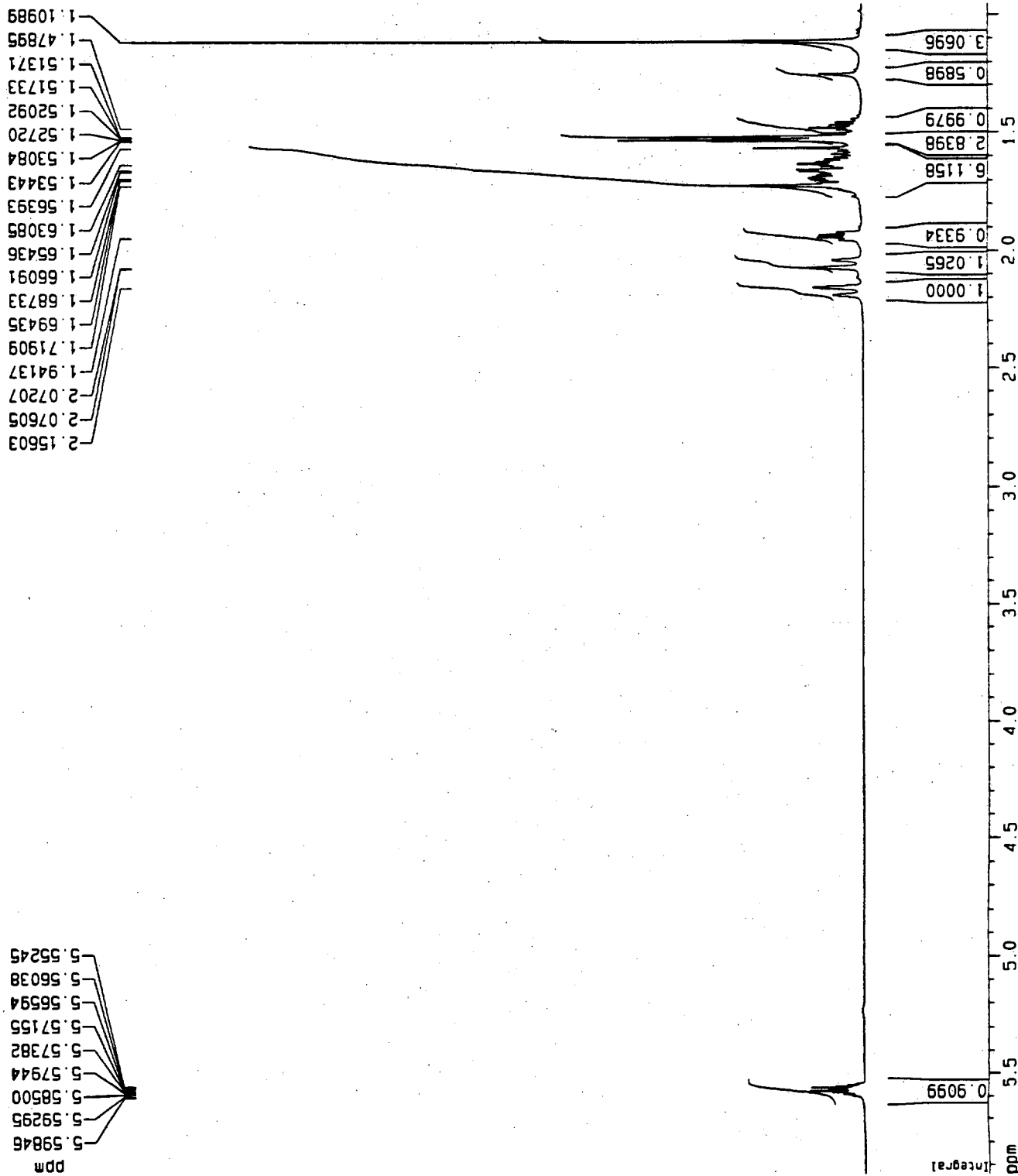
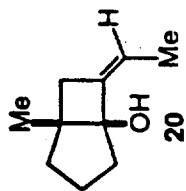
F2 - Acquisition Parameters
 Date_ 20000815
 Time 15.10
 INSTRUM avance500
 PROBHD 5 mm bb-Z

PULPROG zg30
 TD 32768
 SOLVENT CDC13
 NS 16
 DS 0
 SMH 4562.044 Hz
 FIDRES 0.139223 Hz
 AQ 3.5914228 sec
 RG 256
 DM 109.600 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 12.50 usec
 PL1 0.00 dB
 SF01 500.332238 MHz

F2 - Processing parameters
 SI 32768
 SF 500.3300221 MHz
 MDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 5.940 ppm
 F1 2972.16 Hz
 F2P 0.949 ppm
 F2 474.61 Hz
 PPMCH 0.24959 ppm/c
 HZCM 124.87715 Hz/cfr



Current Data Parameters
 NAME PD-III-Bb
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000815
 Time 15.20
 INSTRUM avance500
 PROBHD 5 mm bb-Z

PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 132
 DS 0
 SWH 22123.895 Hz
 FIDRES 0.337584 Hz
 AQ 1.4811636 sec
 RG 1625.5
 DM 22.600 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.00000000 sec
 d11 0.03000000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 5.25 usec
 PL1 0.00 dB
 SF01 125.8183966 MHz

***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 105.00 usec
 PL2 120.00 dB
 PL12 19.00 dB
 SF02 500.3320013 MHz

F2 - Processing parameters
 SI 65536
 SF 125.8080969 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

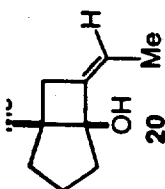
1D NMR plot parameters
 CX 20.00 cm
 FIP 169.795 ppm
 F1 21361.56 Hz
 F2P -6.059 ppm
 F2 -762.33 Hz
 PPMCM 8.79272 ppm/cm
 HZCM 1106.19470 Hz/cm

12.966
 19.829
 22.469
 34.754
 39.066
 39.138
 45.739

76.638
 76.892
 77.146
 86.092

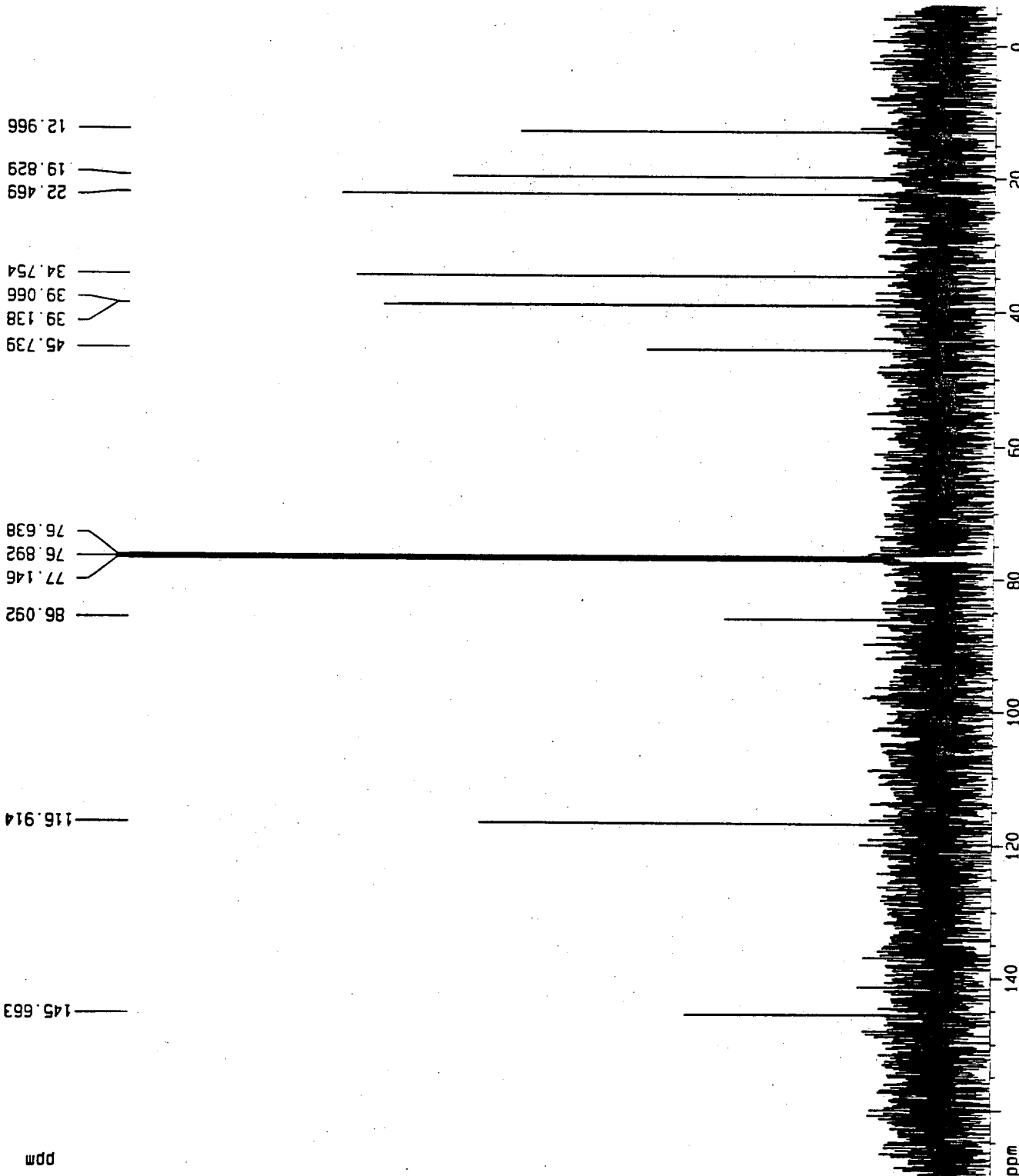
116.914

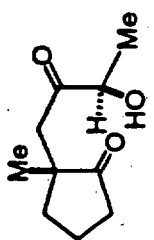
145.663



ppm

ppm





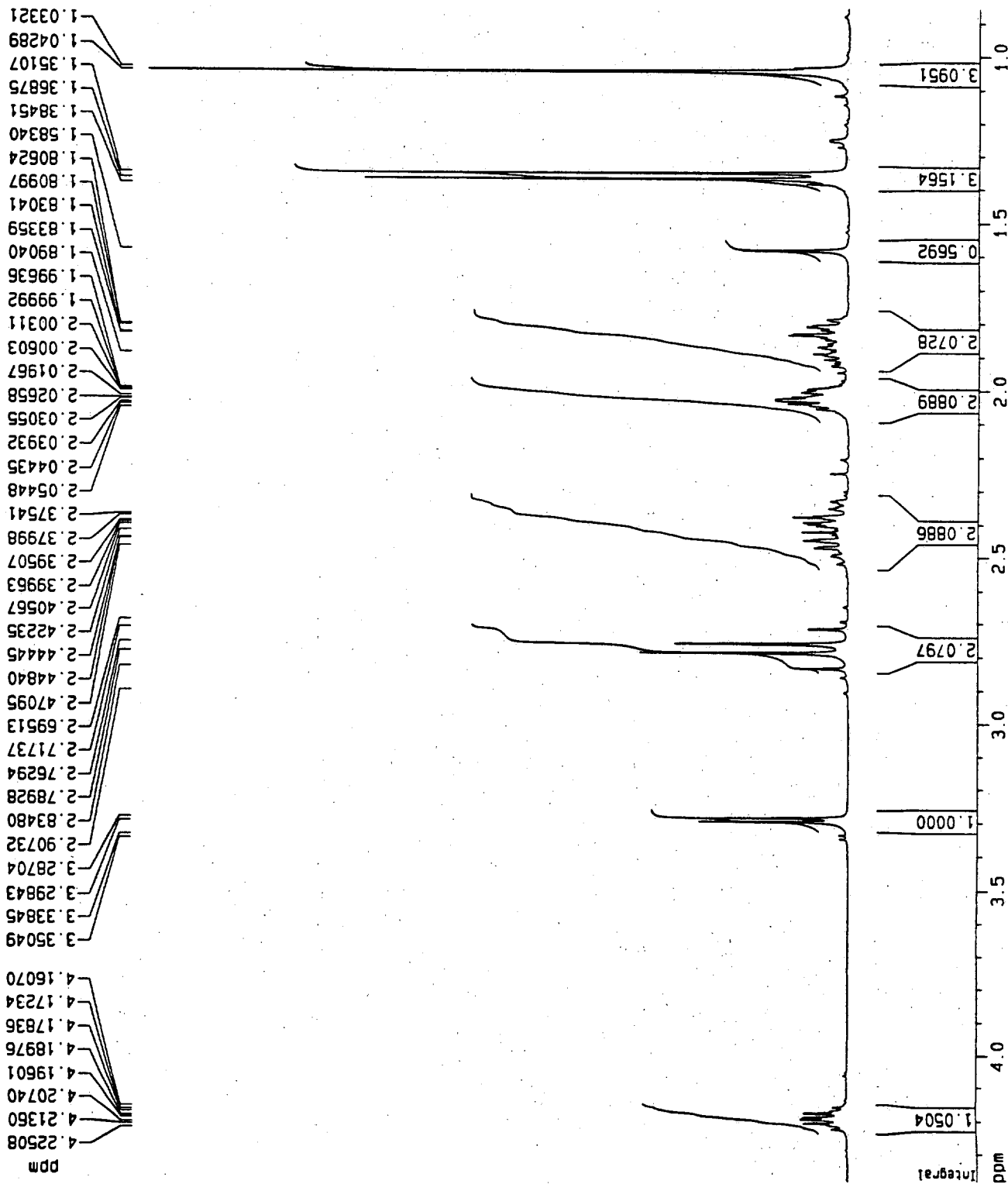
Current Data Parameters
 NAME PD-II-300
 EXPNO 1
 PROCNO 1

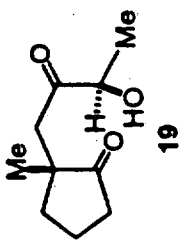
F2 - Acquisition Parameters

Date_ 20000803
 Time 15.17
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zg30
 TD 65536
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 3816.794 Hz
 FIDRES 0.058240 Hz
 AQ 8.5852661 sec
 RG 2048
 DW 131.000 usec
 DE 163.75 usec
 TE 300.0 K
 D1 2.0000000 sec
 P1 7.50 usec
 SF01 400.1317332 MHz
 NUCLEUS 1H

F2 - Processing parameters
 SI 65536
 SF 400.1300175 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 4.383 ppm
 F1 1753.61 Hz
 F2P 0.856 ppm
 F2 342.32 Hz
 PPMCM 0.17635 ppm/cm
 HZCM 70.56435 Hz/cm



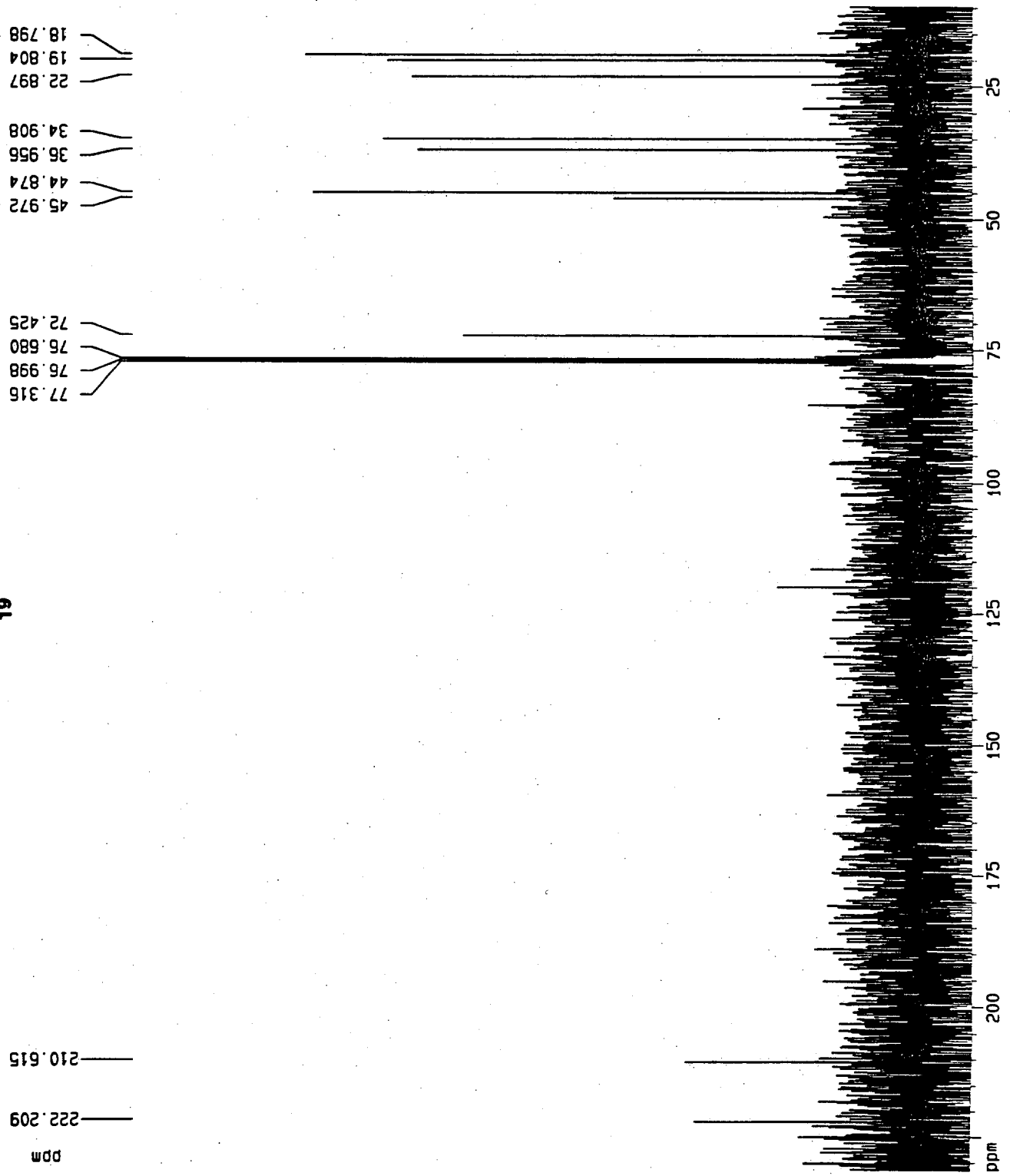


Current Data Parameters
 NAME PD-II-300
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000803
 Time 15.29
 INSTRUM arx400
 PROBHD 5 mm QNP 1H
 PULPROG zgdc30
 TD 65536
 SOLVENT CDCl3
 NS 128
 DS 0
 SWH 27777.777 Hz
 FIDRES 0.423855 Hz
 AQ 1.1796980 sec
 RG 32768
 DM 18.000 usec
 DE 25.71 usec
 TE 300.0 K
 D12 0.000200 sec
 OL5 23.50 dB
 CPDPRG waltz16
 P31 100.00 usec
 D1 4.0000000 sec
 P1 6.25 usec
 SF01 100.6248445 MHz
 NUCLEUS 13C
 D11 0.0300000 sec

F2 - Processing parameters
 SI 65536
 SF 100.6127732 MHz
 WDW EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

1D NMR plot parameters
 CX 20.00 cm
 F1P 231.531 ppm
 F1 23295.02 Hz
 F2P 9.687 ppm
 F2 974.68 Hz
 PPMCM 11.09220 ppm/c
 HZCM 1115.01660 Hz/cr



Current Data Parameters
 NAME PD-III-9produc
 EXPNO 1
 PROCNO 1

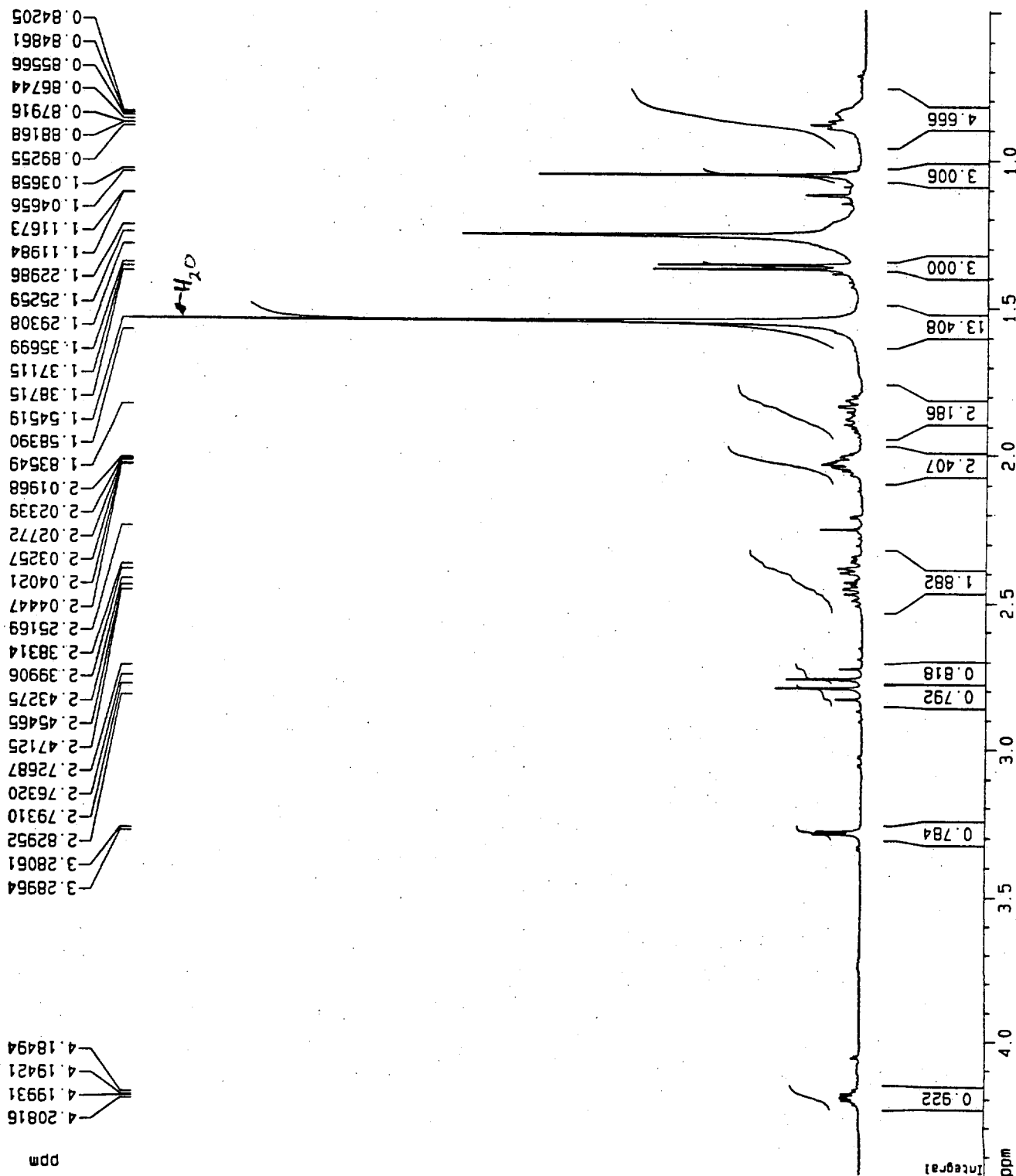
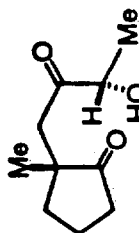
F2 - Acquisition Parameters
 Date_ 20000816
 Time 20.02
 INSTRUM avance500
 PROBHD 5 mm bb-Z

PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 64
 DS 0
 SWH 2893.519 Hz
 FIDRES 0.088303 Hz
 AQ 5.6623602 sec
 RG 256
 DW 172.800 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.0000000 sec

==== CHANNEL f1 =====
 NUC1 1H
 P1 12.50 usec
 PL1 0.00 dB
 SF01 500.3314236 MHz

F2 - Processing parameters
 SI 32768
 SF 500.3300224 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 4.467 ppm
 F1 2234.82 Hz
 F2P 0.490 ppm
 F2 245.13 Hz
 PPMCM 0.19884 ppm/c
 HZCM 99.48467 Hz/cr



Current Data Parameters
 NAME PD-111-9produc
 EXPNO 2
 PROCNO 1

F2 - Acquisition Parameters
 Date_ 20000817
 Time 7.34
 INSTRUM avance500
 PROBHD 5 mm bb-Z

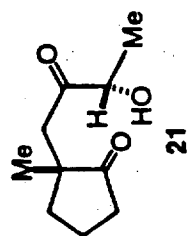
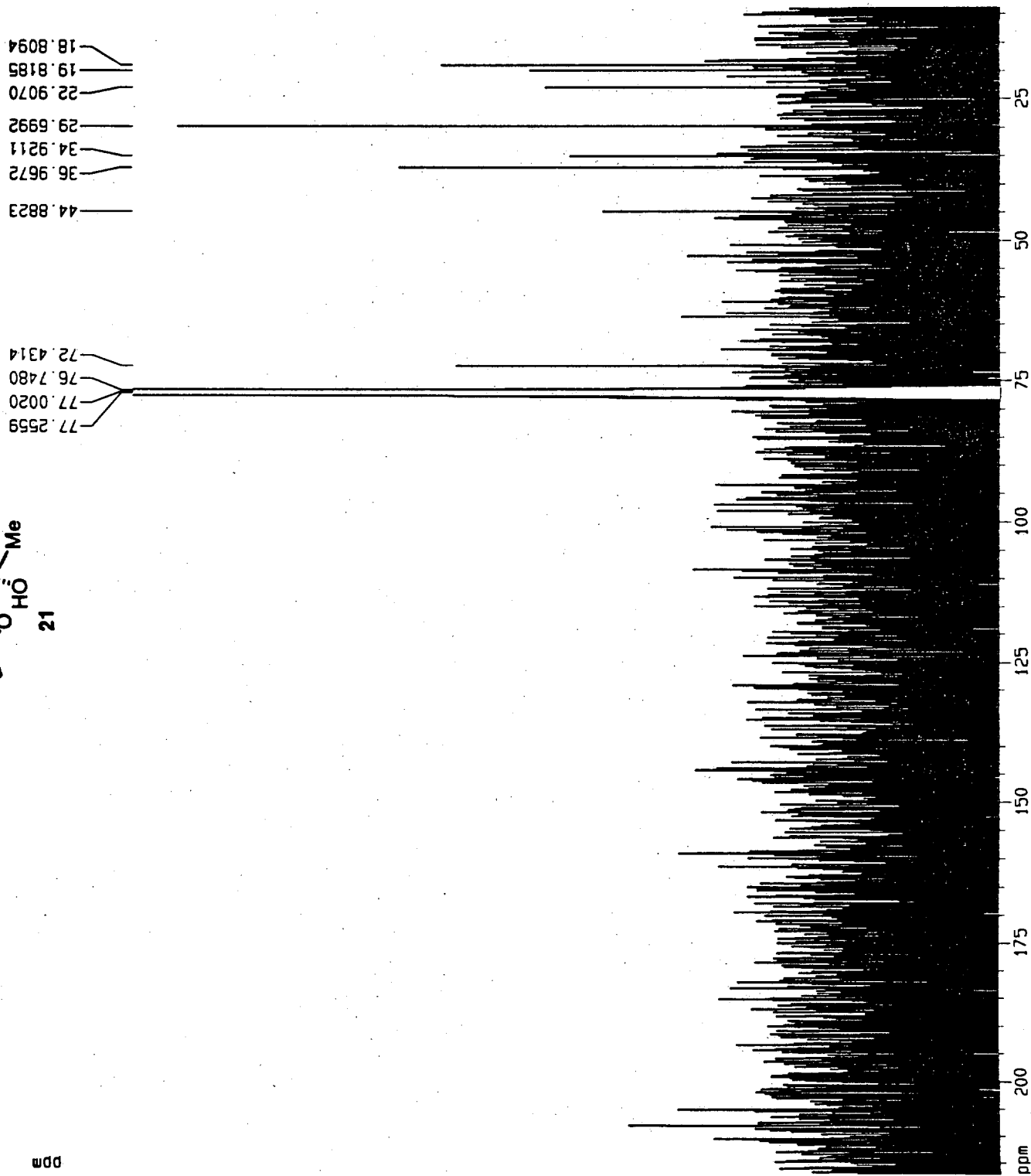
PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 8192
 DS 0
 SMH 32679.738 Hz
 FIDRES 0.498653 Hz
 AQ 1.0027508 sec
 RG 2048
 DM 15.300 usec
 DE 6.00 usec
 TE 300.0 K
 D1 4.0000000 sec
 d11 0.0300000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 5.25 usec
 PL1 0.00 dB
 SF01 125.8231939 MHz

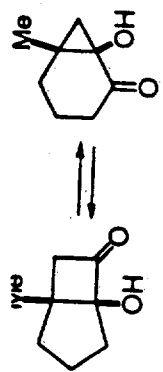
***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 105.00 usec
 PL2 120.00 dB
 PL12 19.00 dB
 SF02 500.3320013 MHz

F2 - Processing parameters
 SI 65536
 SF 125.8080833 MHz
 MDM EM
 SSB 0
 LB 1.00 Hz
 GB 0
 PC 1.40

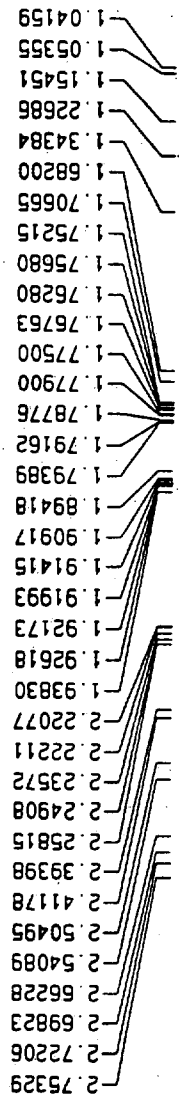
1D NMR plot parameters
 CX 20.00 cm
 F1P 217.016 ppm
 F1 27302.36 Hz
 F2P 8.865 ppm
 F2 1115.29 Hz
 PPMCM 10.40755 ppm/cm
 HZCM 1309.35376 Hz/cm



ppm



3 2 : 1 22



Current Data Parameters
 NAME a-hcybu650c
 EXPNO 1
 PROCNO 1

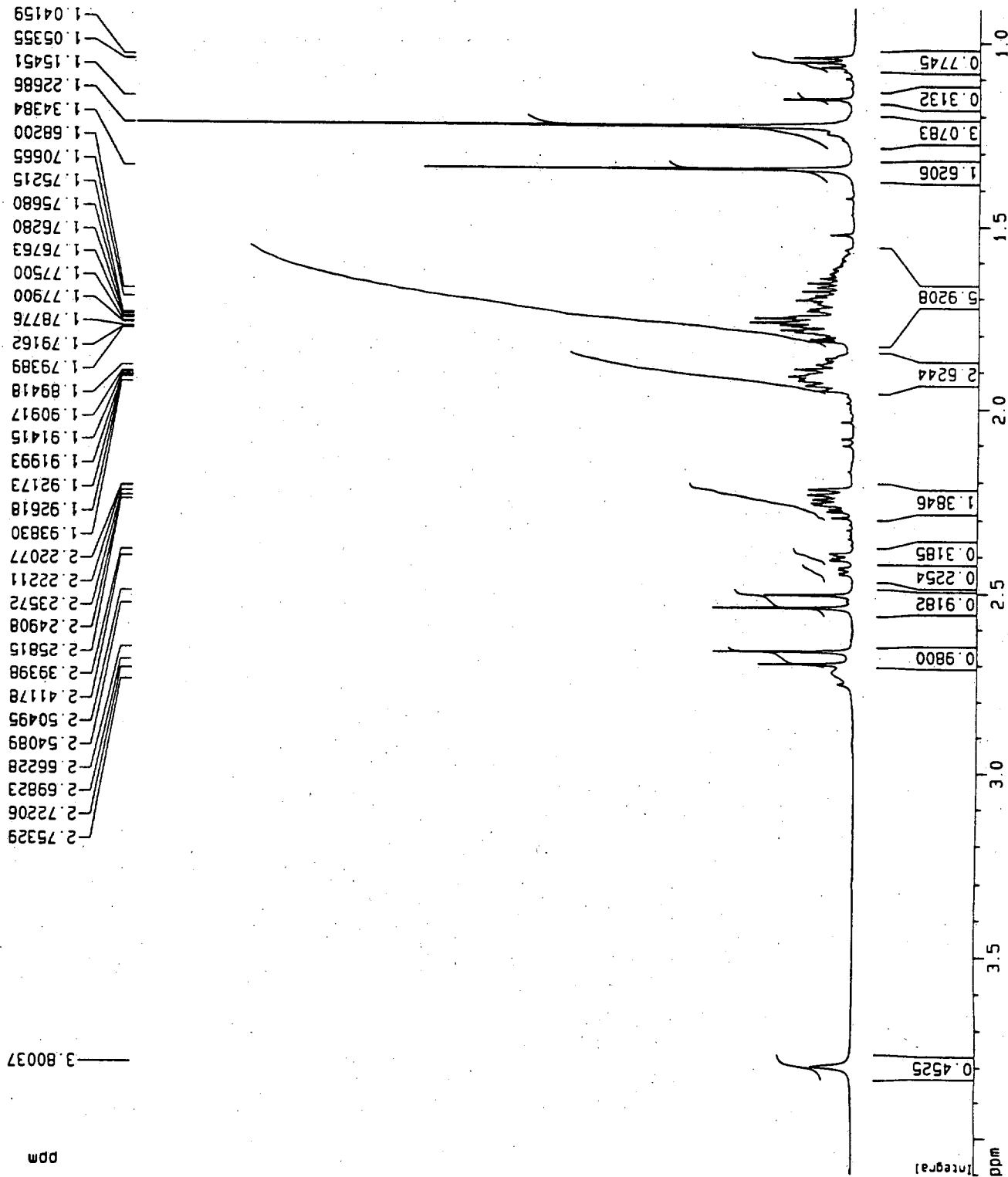
F2 - Acquisition Parameters
 Date_ 20000818
 Time 8.37
 INSTRUM avance500
 PROBHD 5 mm bb-Z

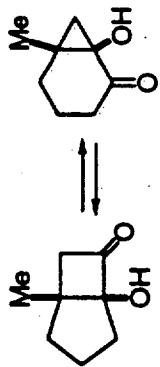
PULPRDG zg30
 TD 32768
 SOLVENT CDCl3
 NS 16
 DS 0
 SWH 4734.849 Hz
 FIDRES 0.14496 Hz
 AQ 3.4603508 sec
 RG 128
 DM 105.600 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.0000000 sec

==== CHANNEL f1 =====
 NUC1 1H
 P1 12.50 usec
 PL1 0.00 dB
 SF01 500.3320859 MHz

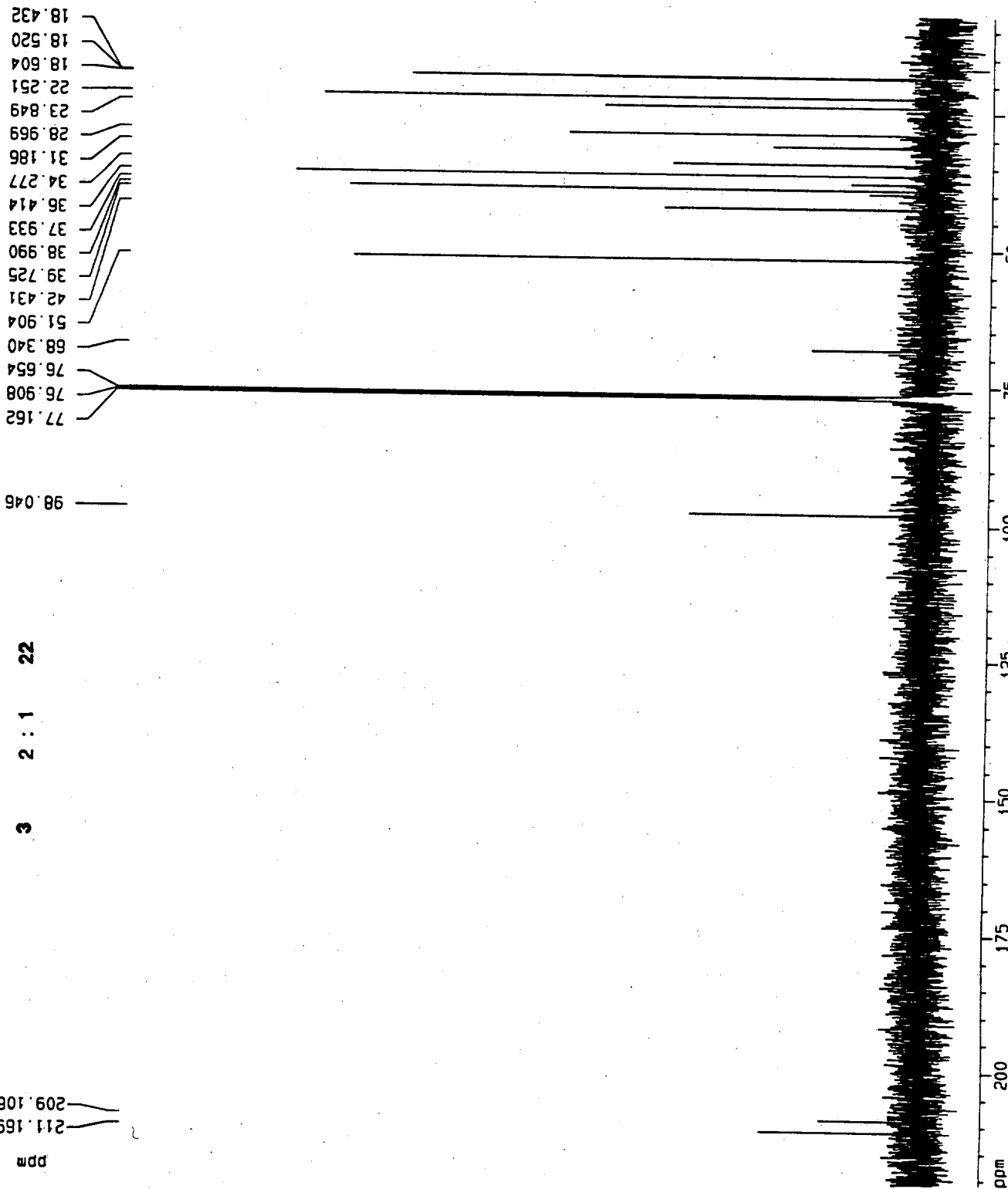
F2 - Processing parameters
 SI 32768
 SF 500.3300221 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 20.00 cm
 F1P 4.104 ppm
 F1 2053.29 Hz
 F2P 0.908 ppm
 F2 454.11 Hz
 PPMCM 0.15981 ppm/c
 HZCM 79.95936 Hz/cm





ppm
211.169
209.106



Current Data Parameters
NAME a-hcybu650c
EXPNO 2
PROCNO 1

F2 - Acquisition Parameters
Date_ 20000818
Time 8.55
INSTRUM avance500
PROBHD 5 mm bb-Z

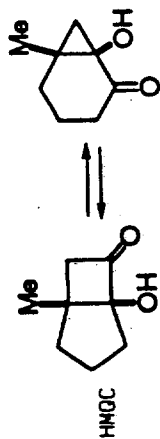
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 256
DS 0
SMH 32679.738 Hz
FIDRES 0.498653 Hz
AQ 1.0027508 sec
RG 4597.6
DM 15.300 usec
DE 6.00 usec
TE 300.0 K
D1 3.0000000 sec
d11 0.0300000 sec

***** CHANNEL f1 *****
NUC1 13C
P1 5.25 usec
PL1 0.00 dB
SF01 125.8231939 MHz

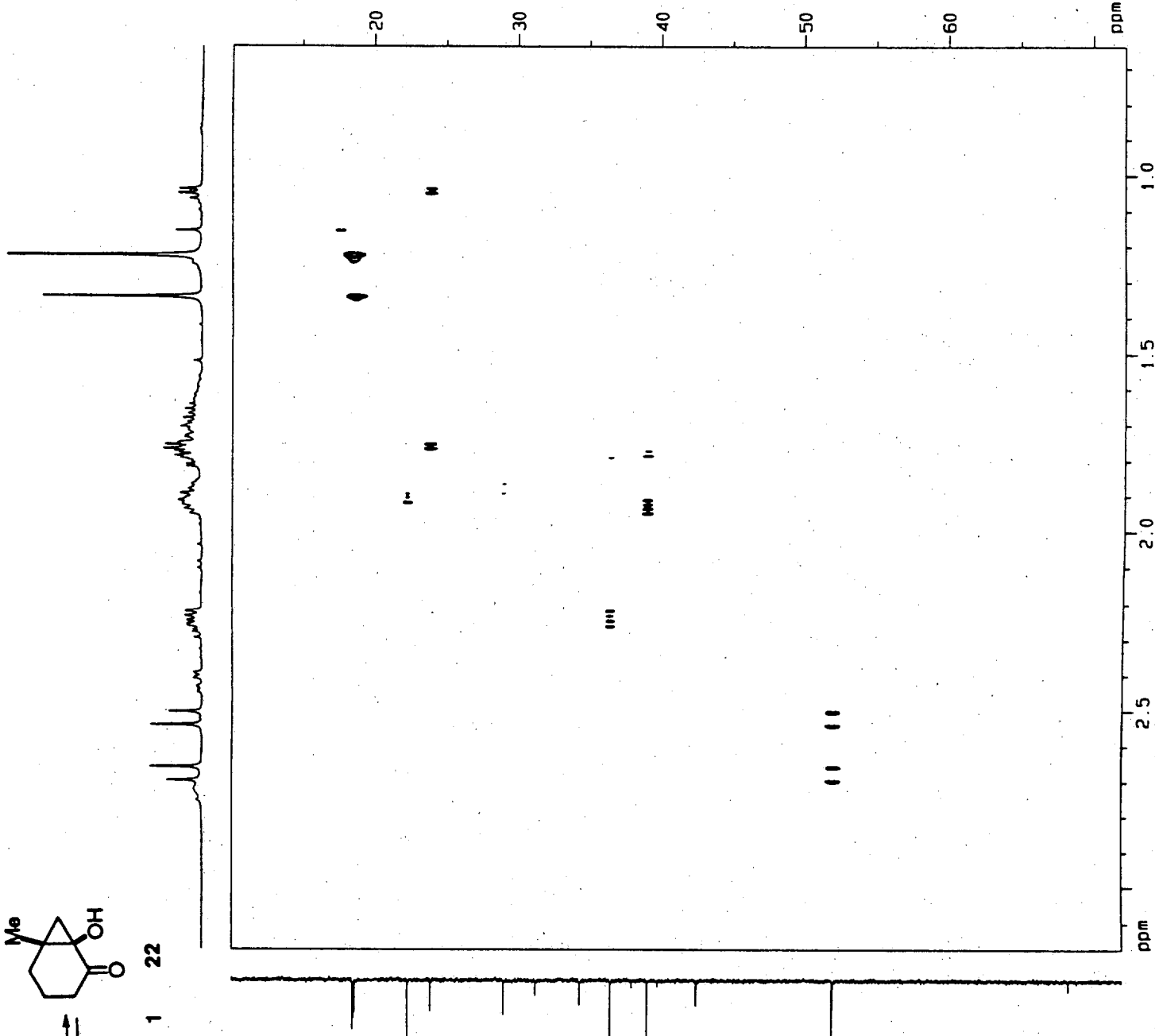
***** CHANNEL f2 *****
CPOPRG2 waltz16
NUC2 1H
PCPD2 105.00 usec
PL2 120.00 dB
PL12 19.00 dB
SF02 500.3320013 MHz

F2 - Processing parameters
SI 65536
SF 125.8080969 MHz
WDW EM
SSB 0
LB 1.00 Hz
GB 0
PC 1.40

ID NMR plot parameters
CX 20.00 cm
F1P 220.922 ppm
F1 27793.73 Hz
F2P 7.323 ppm
F2 921.33 Hz
PPMCM 10.67992 ppm/cm
HZCM 1343.62048 Hz/cm



3 2:1 22



Current Data Parameters

NAME: 17000000

EXPNO: 3

PROCNO: 1

Acquisition Parameters

DATE_: 20000818

TIME: 9:00

INSTRUM: spect

PROBHD: 5 mm BBO-7

PULPROG: zgpg30

TD: 65536

SF: 500.136400

F2 - Processing parameters

SF: 500.136400 MHz

WDW: EM

SSB: 0

LB: 0.00 Hz

GB: 0

PC: 1.00

Acquisition Parameters

NAME: 17000000

EXPNO: 3

PROCNO: 1

Acquisition Parameters

DATE_: 20000818

TIME: 9:00

INSTRUM: spect

PROBHD: 5 mm BBO-7

PULPROG: zgpg30

TD: 65536

SF: 500.136400

F2 - Processing parameters

SF: 500.136400 MHz

WDW: EM

SSB: 0

LB: 0.00 Hz

GB: 0

PC: 1.00

Acquisition Parameters

NAME: 17000000

EXPNO: 3

PROCNO: 1

Acquisition Parameters

DATE_: 20000818

TIME: 9:00

INSTRUM: spect

PROBHD: 5 mm BBO-7

PULPROG: zgpg30

TD: 65536

SF: 500.136400

F2 - Processing parameters

SF: 500.136400 MHz

WDW: EM

SSB: 0

LB: 0.00 Hz

GB: 0

PC: 1.00

Acquisition Parameters

NAME: 17000000

EXPNO: 3

PROCNO: 1

Acquisition Parameters

DATE_: 20000818

TIME: 9:00

INSTRUM: spect

PROBHD: 5 mm BBO-7

PULPROG: zgpg30

TD: 65536

SF: 500.136400

F2 - Processing parameters

SF: 500.136400 MHz

WDW: EM

SSB: 0

LB: 0.00 Hz

GB: 0

PC: 1.00