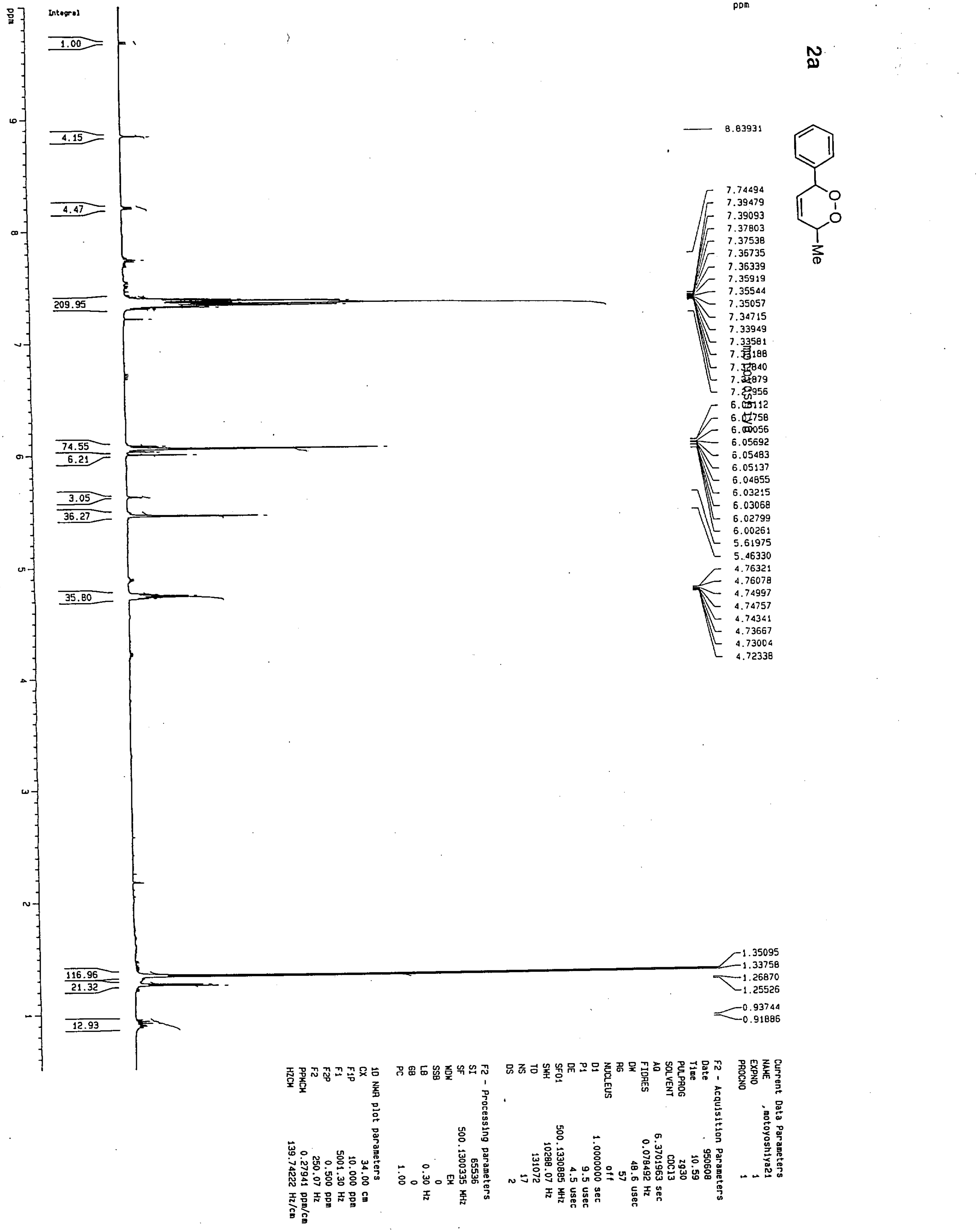
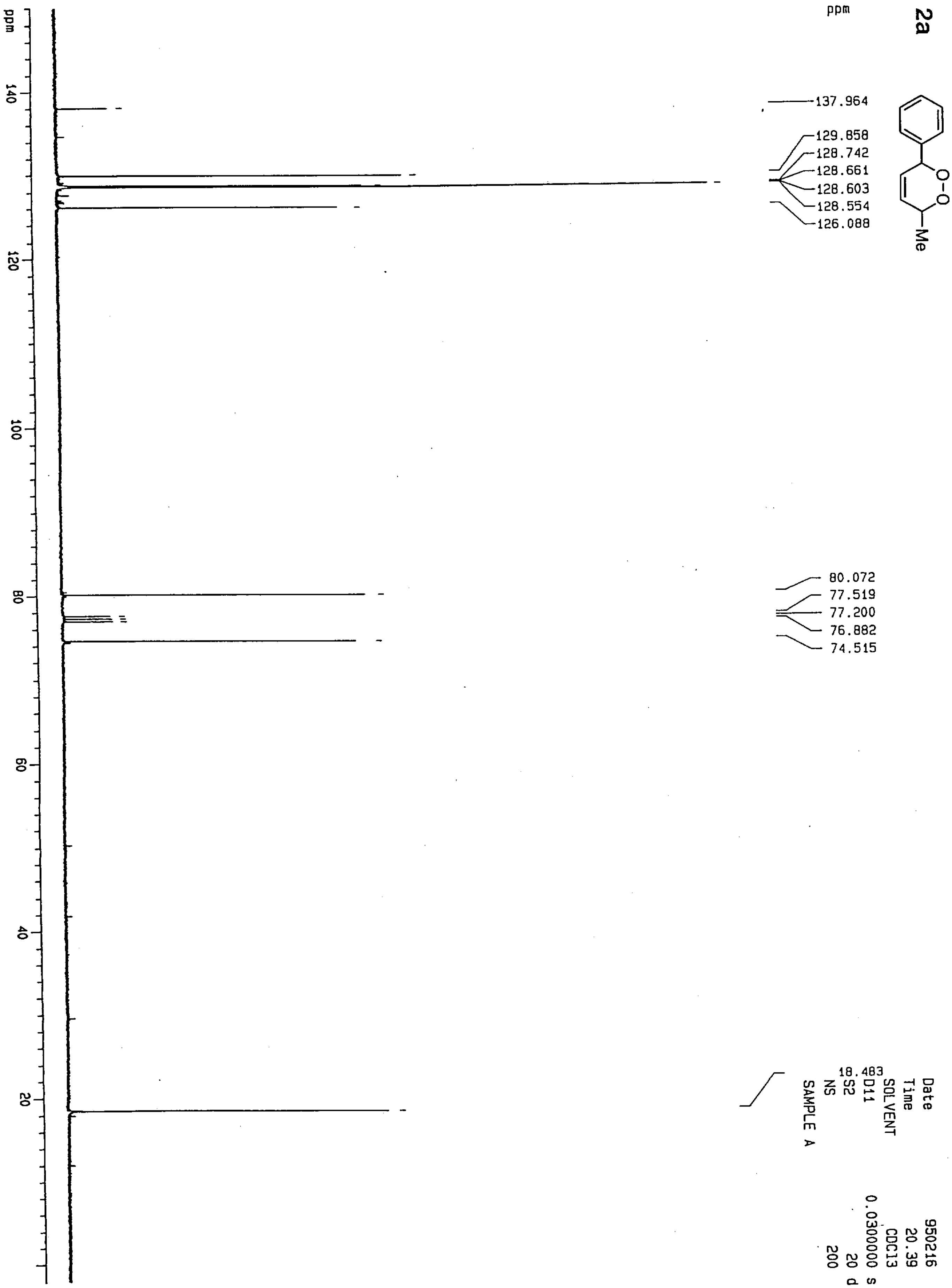
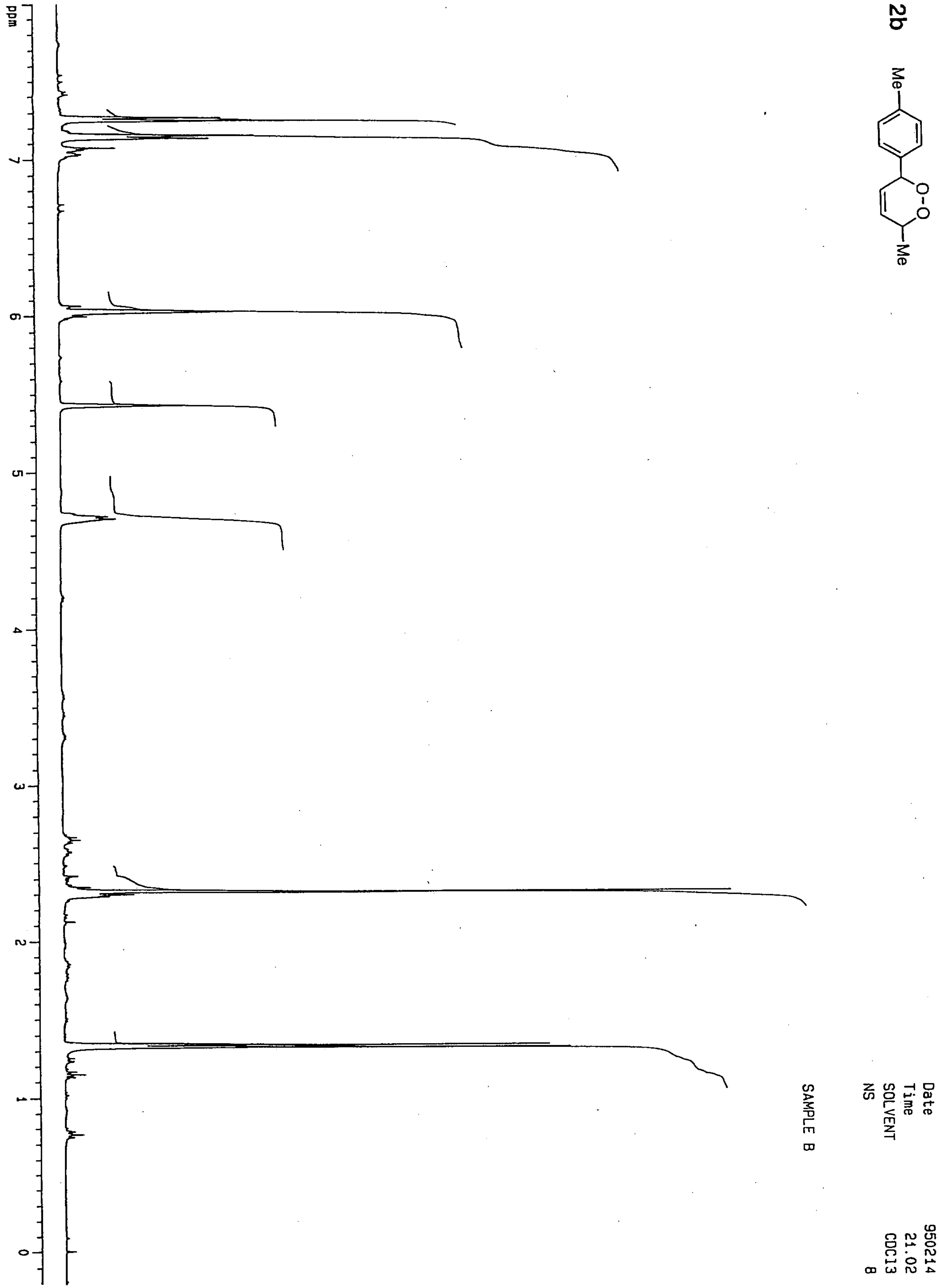
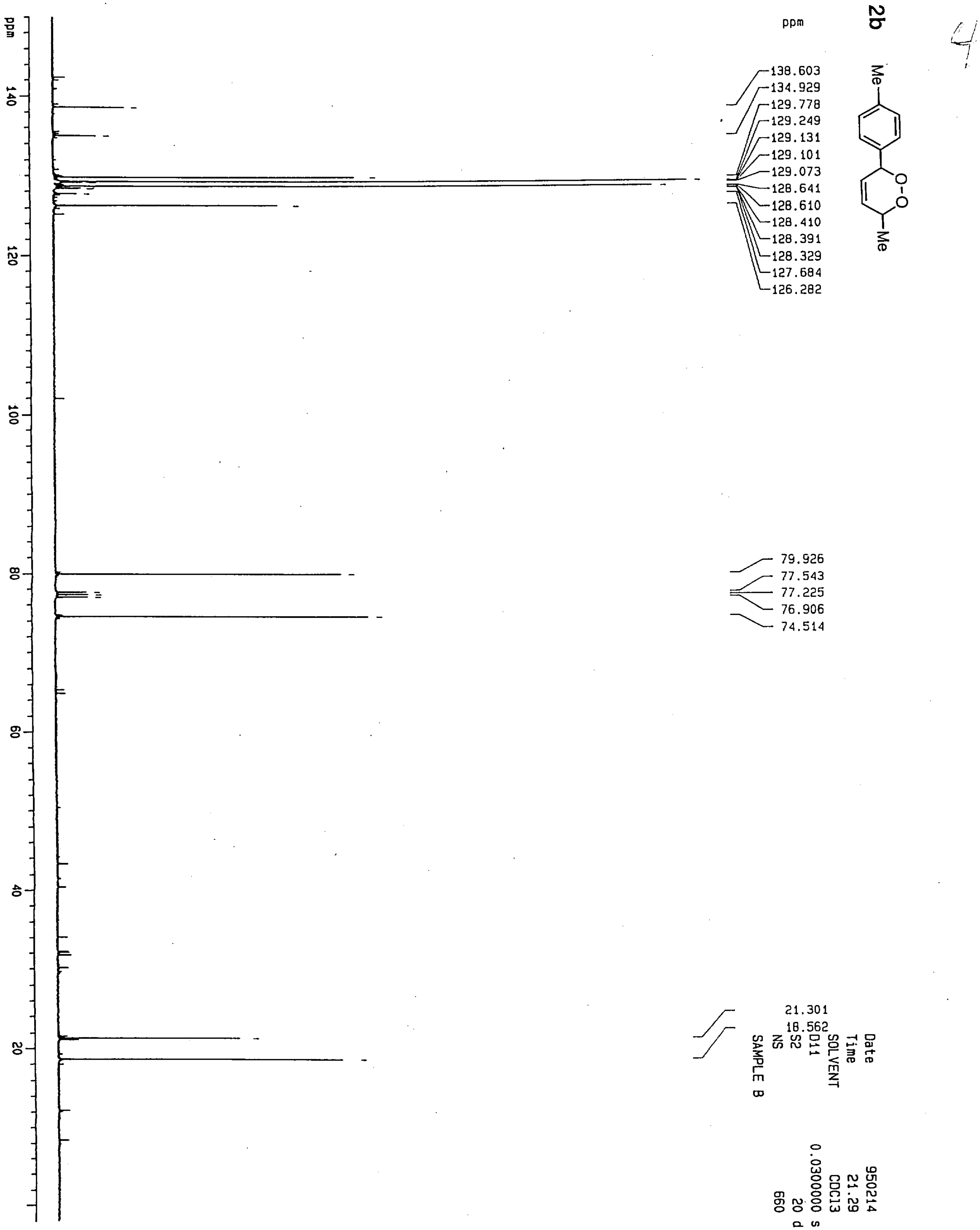

2a
Me
O-O
Integral
ppm
1.00
4.15
4.47
209.95
74.55
6.21
3.05
36.27
35.80
116.96
21.32
12.93
8.83931
7.74494
7.39479
7.39093
7.37803
7.37538
7.36735
7.36339
7.35919
7.35544
7.35057
7.34715
7.33949
7.33581
6.05692
6.05483
6.05137
6.04855
6.03215
6.03068
6.02799
6.00261
5.61975
5.46330
4.76321
4.76078
4.74997
4.74757
4.74341
4.73667
4.73004
4.72338
1.35095
1.33758
1.26870
1.25526
0.93744
0.91886
Current Data Parameters
NAME ,motoyoshiya21
EXPNO 1
PROCNO 1
F2 - Acquisition Parameters
Date 950608
Time 10.59
PULPROG zg30
SOLVENT CDCl3
AQ 6.3701963 sec
FIDRES 0.078492 Hz
DW 48.6 usec
RG 57
NUCLEUS off
D1 1.0000000 sec
P1 9.5 usec
DE 4.5 usec
SFO1 500.1330885 MHz
SWH 10288.07 Hz
TD 131072
NS 17
DS 2
F2 - Processing parameters
SI 65536
SF 500.1300335 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
1D NMR plot parameters
CX 34.00 cm
F1P 10.000 ppm
F1 5001.30 Hz
F2P 0.500 ppm
F2 250.07 Hz
PPMCM 0.27941 ppm/cm
HZCM 139.74222 Hz/cm

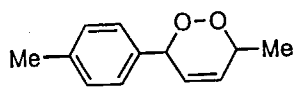

2a
O-O
Me
ppm
137.964
129.858
128.742
128.661
128.603
128.554
126.088
80.072
77.519
77.200
76.882
74.515
18.483
Date 950216
Time 20.39
SOLVENT CDCl3
D11 0.0300000 s
S2 20 d
NS 200
SAMPLE A
ppm
140
120
100
80
60
40
20

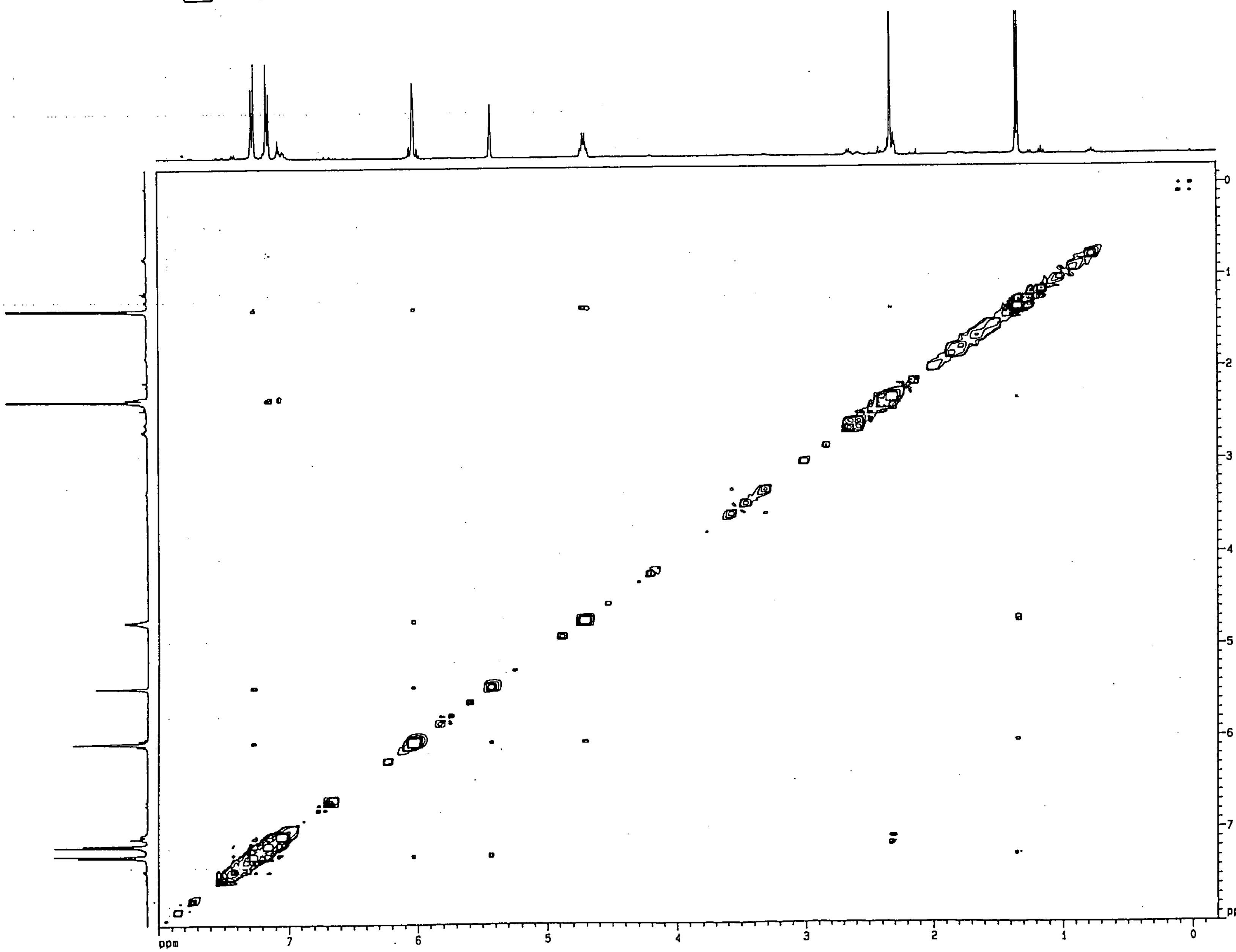

2b
Me
O-O
Me
Date 950214
Time 21.02
SOLVENT CDCl3
NS 8
SAMPLE B
ppm
7
6
5
4
3
2
1
0


4
ppm
138.603
134.929
129.778
129.249
129.131
129.101
129.073
128.641
128.610
128.410
128.391
128.329
127.684
126.282
79.926
77.543
77.225
76.906
74.514
21.301
18.562
Date 950214
Time 21.29
SOLVENT CDCl3
D11 0.0300000 s
S2 20 d
NS 660
SAMPLE B
Me
O-O
Me
ppm
140
120
100
80
60
40
20

2b

2b





Current Data Parameters

NAME	shindai
EXPNO	5
PROCNO	1

F2 - Acquisition Parameters

Date	950214
Time	23.53
PULPROG	noesytp
SOLVENT	CDCl3
AQ	0.1382600 sec
FIDRES	3.616898 Hz
DW	135.0 usec
RG	64
NUCLEUS	1H
HL1	0 dB
D1	5.0000000 sec
P1	12.4 usec
D0	0.0000030 sec
D8	0.8000000 sec
DE	168.8 usec
SFO1	400.1361846 MHz
SWH	3703.70 Hz
TD	1024
NS	24
DS	4
IN0	- 0.0001350 sec

F1 - Acquisition parameters

ND0	2
TD	128
SFO1	400.1368 MHz
FIDRES	28.935238 Hz
SW	9.256 ppm

F2 - Processing parameters

SI	1024
SF	400.1344240 MHz
WDW	QSINE
SSB	2
LB	0.00 Hz
GB	0
PC	4.00

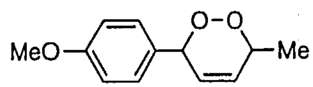
F1 - Processing parameters

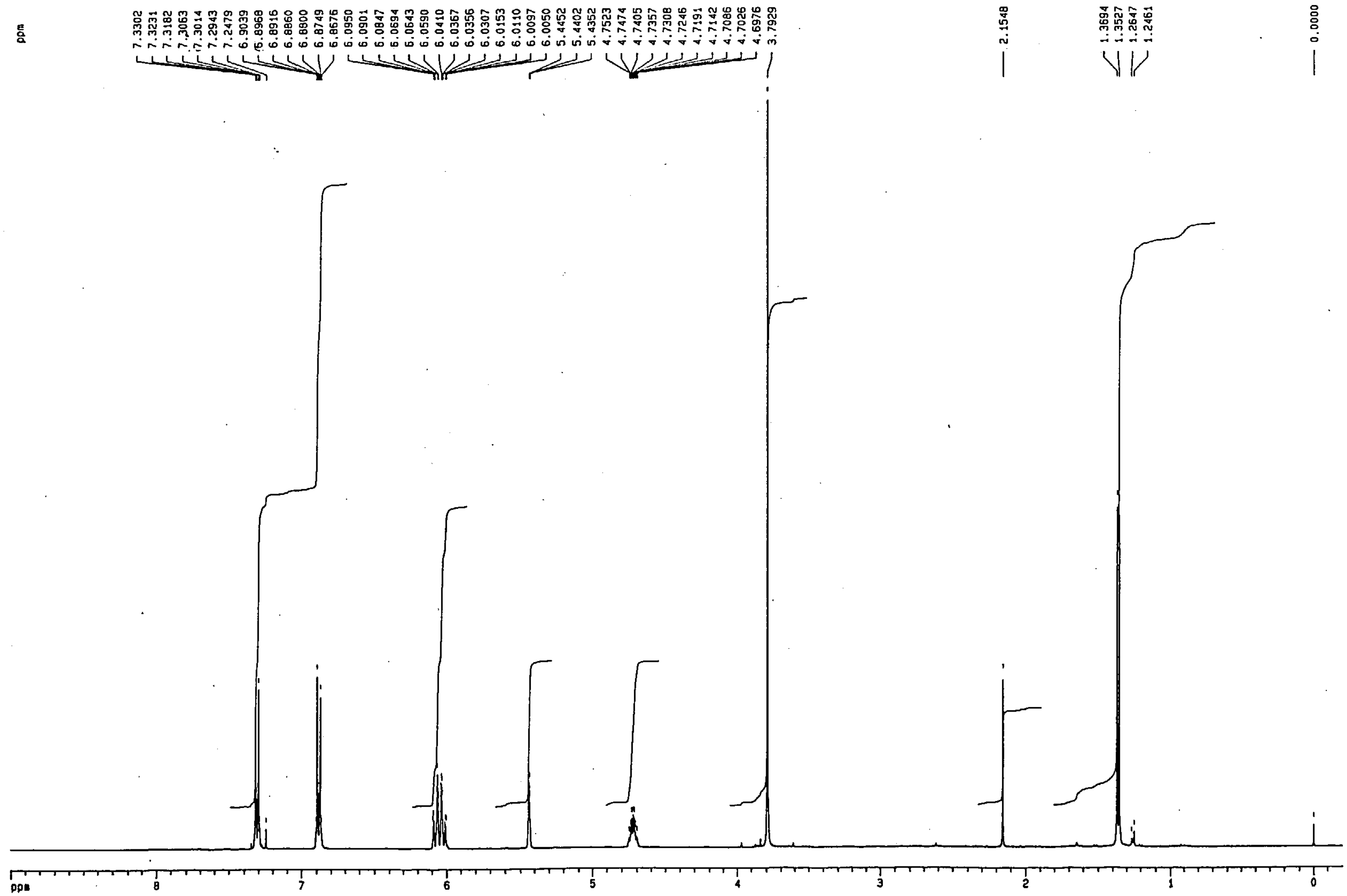
SI	1024
MC2	TPPI
SF	400.1350854 MHz
WDW	QSINE
SSB	2
LB	0.00 Hz
GB	0

2D NMR plot parameters

CX2	28.00 cm
CX1	20.00 cm
F2PLO	8.000 ppm
F2LO	3201.08 Hz
F2PHI	-0.200 ppm
F2HI	-80.03 Hz
F1PLO	8.000 ppm
F1LO	3201.08 Hz
F1PHI	-0.200 ppm
F1HI	-80.03 Hz
F2PPMCM	0.29286 ppm/cm
F2HZCM	117.18222 Hz/cm
F1PPMCM	0.41000 ppm/cm
F1HZCM	164.05537 Hz/cm

2c





Current Data Parameters

NAME	sinndai
EXPNO	1
PROCNO	1

F2 - Acquisition Parameters

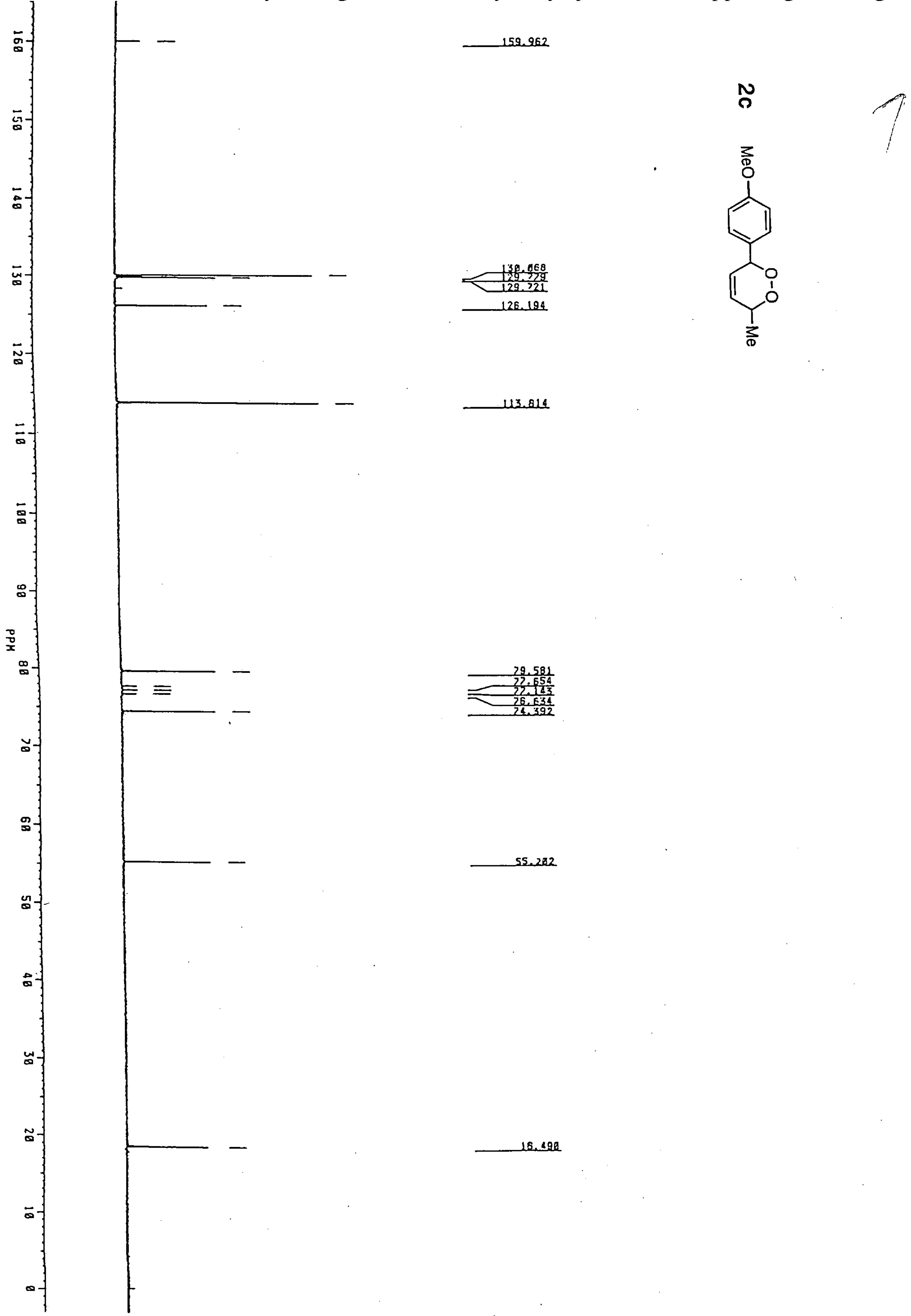
Date	941203
Time	15.24
PULPROG	zg0
SOLVENT	CDCl3
AQ	2.0316360 sec
FIDRES	0.246110 Hz
DW	62.0 usec
RG	64
NUCLEUS	1H
HL1	1 dB
D1	2.0000000 sec
P0	4.0 usec
DE	77.5 usec
SFO1	400.1367884 MHz
SWH	8064.52 Hz
TD	32768
NS	8
DS	2

F2 - Processing parameters

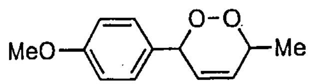
SI	32768
SF	400.1343992 MHz
WDW	EM
SSB	0
LB	0.20 Hz
GB	0
PC	1.00

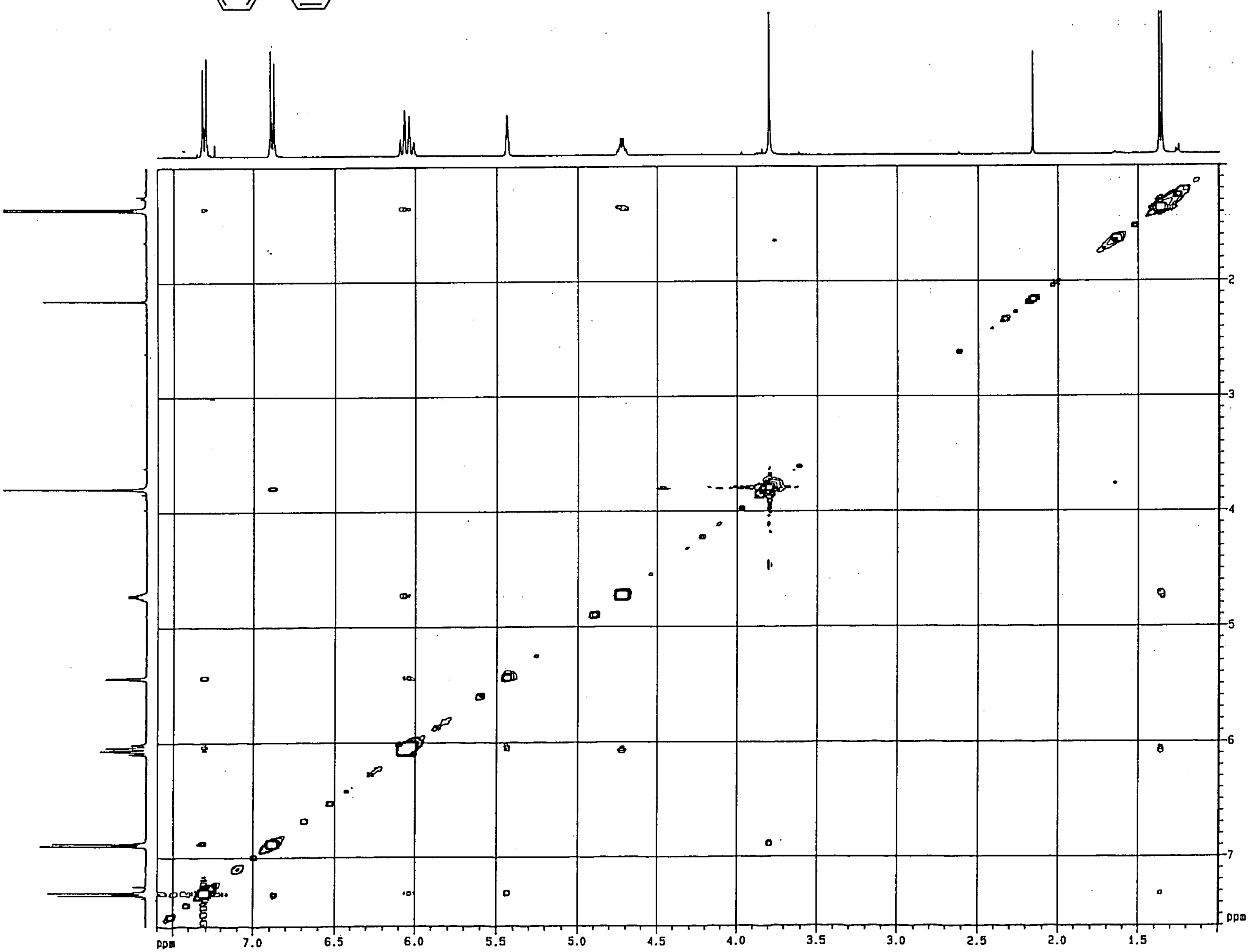
1D NMR plot parameters

CX	32.00 cm
F1P	9.000 ppm
F1	3601.21 Hz
F2P	-0.200 ppm
F2	-80.03 Hz
PPMCM	0.28750 ppm/cm
HZCM	115.03864 Hz/cm


159.962
126.194
113.814
55.282
18.490
PPM
2c

2c





Current Data Parameters

NAME	sinndai
EXPNO	11
PROCNO	1

F2 - Acquisition Parameters

Date	941203
Time	16.36
PULPROG	noesytp
SOLVENT	CDCl3
AQ	0.1505480 sec
FIDRES	3.321641 Hz
DW	147.0 usec
RG	64
NUCLEUS	1H
HL1	1 dB
D1	5.0000000 sec
P1	7.7 usec
D0	0.0000030 sec
D8	0.8000000 sec
DE	183.8 usec
SFO1	400.1360360 MHz
SWH	3401.36 Hz
TD	1024
NS	32
DS	4
IN0	0.0001470 sec

F1 - Acquisition parameters

ND0	2
TD	256
SFO1	400.136 MHz
FIDRES	13.285767 Hz
SW	8.500 ppm

F2 - Processing parameters

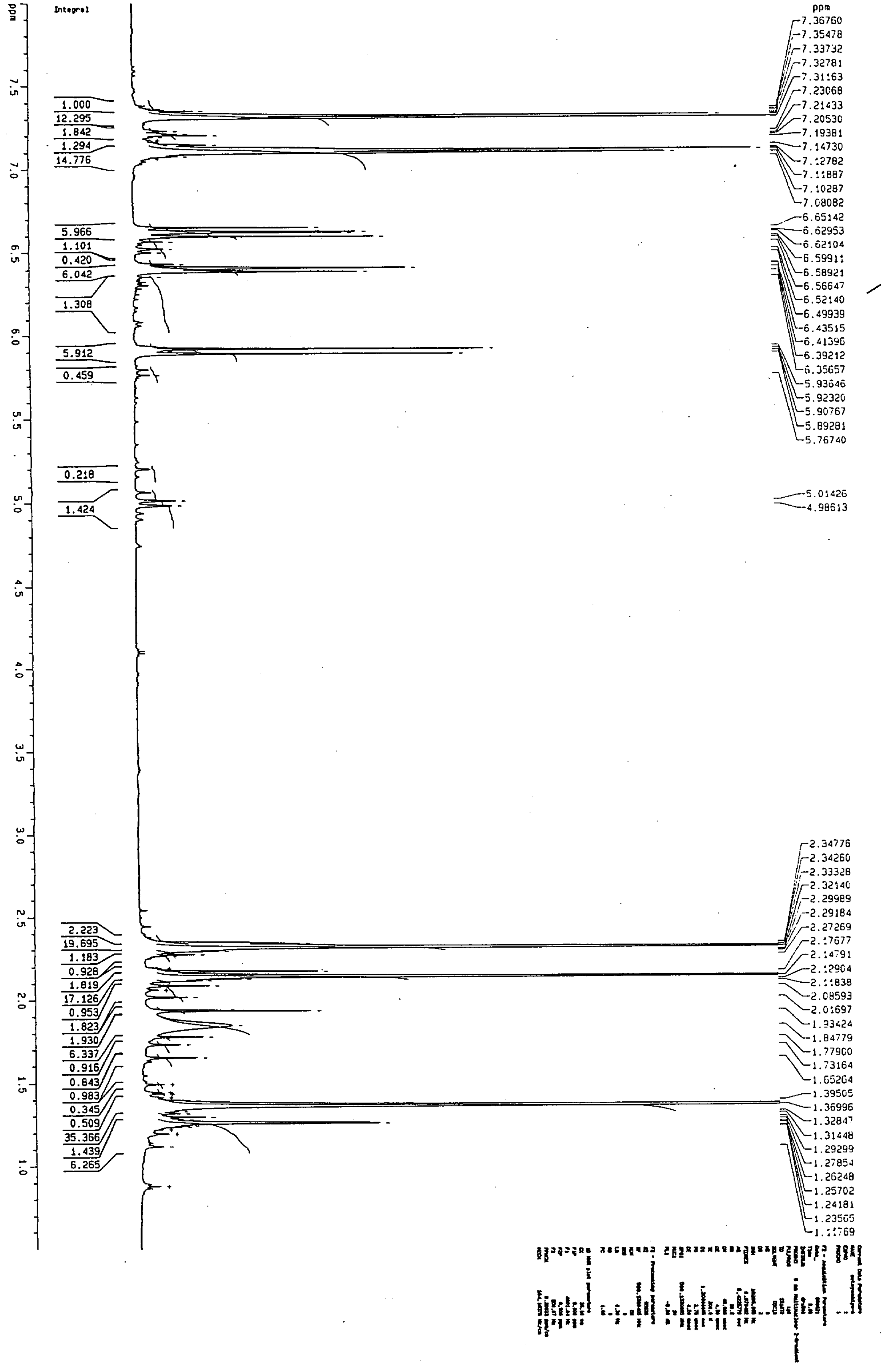
SI	1024
SF	400.1343992 MHz
WDW	QSINE
SSB	2
LB	0.00 Hz
GB	0
PC	1.00

F1 - Processing parameters

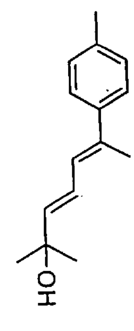
SI	1024
MC2	TPPI
SF	400.1343992 MHz
WDW	QSINE
SSB	2
LB	0.00 Hz
GB	0

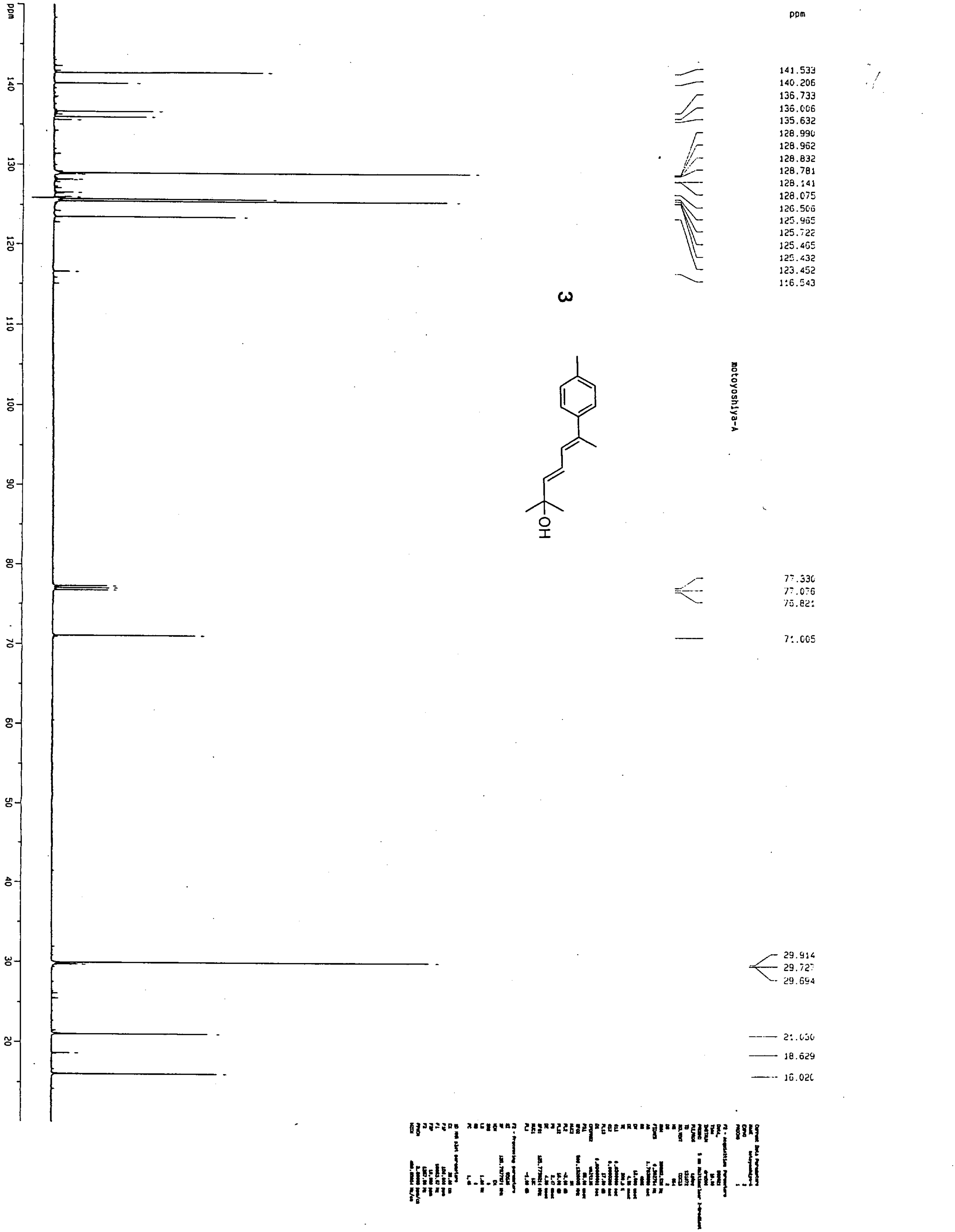
2D NMR plot parameters

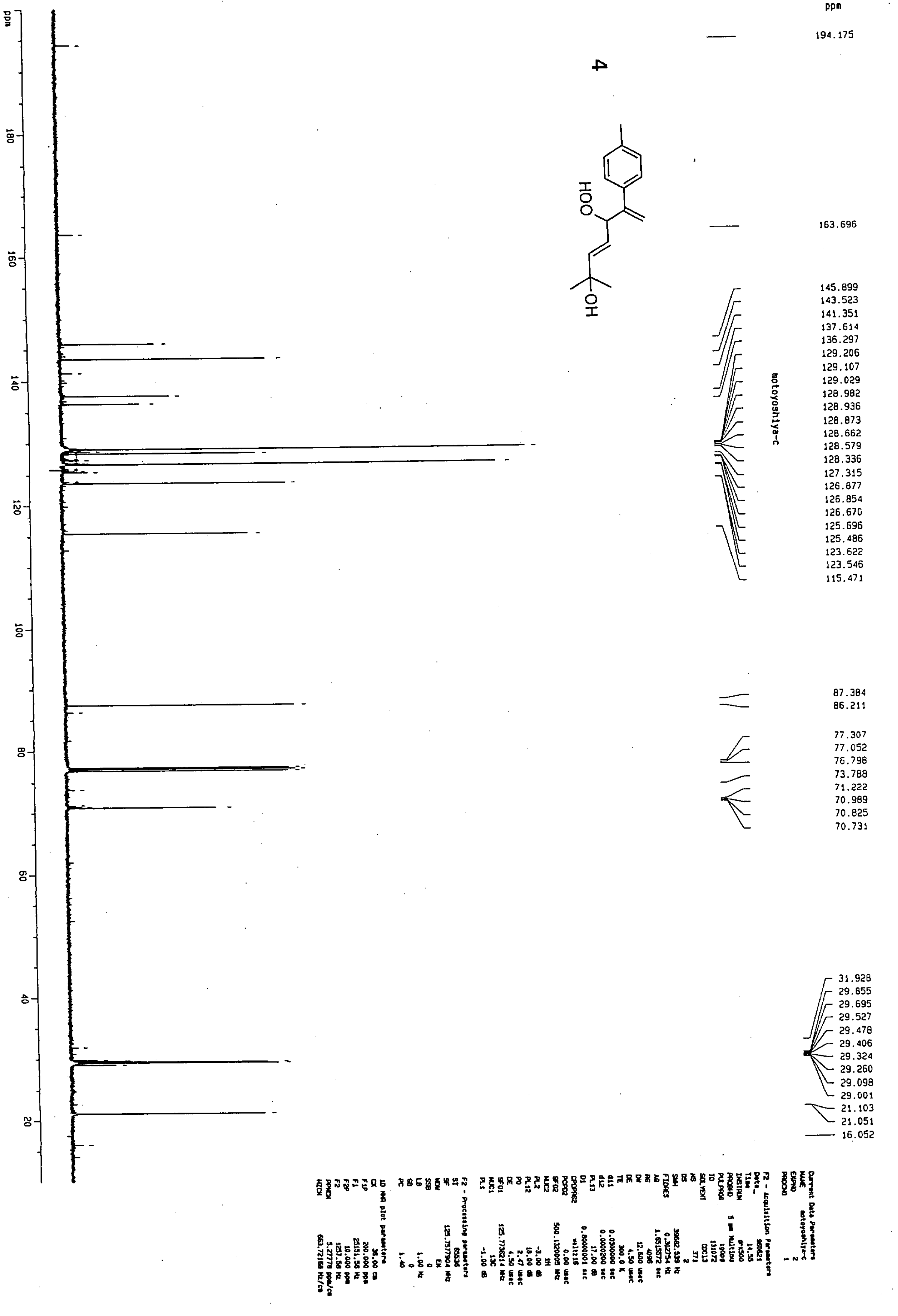
CX2	28.00 cm
CX1	20.00 cm
F2PLO	7.602 ppm
F2LO	3041.71 Hz
F2PHI	0.994 ppm
F2HI	397.68 Hz
F1PLO	7.602 ppm
F1LO	3041.63 Hz
F1PHI	0.994 ppm
F1HI	397.76 Hz
F2PPMCM	0.23599 ppm/cm
F2HZCM	94.42950 Hz/cm
F1PPMCM	0.33037 ppm/cm
F1HZCM	132.19339 Hz/cm


ppm
Integral
1.000
12.295
1.842
1.294
14.776
5.966
1.101
0.420
6.042
1.308
5.912
0.459
0.218
1.424
2.223
19.695
1.183
0.928
1.819
17.126
0.953
1.823
1.930
6.337
0.916
0.843
0.983
0.345
0.509
35.366
1.439
6.265
7.36760
7.35478
7.33732
7.32781
7.31163
7.23068
7.21433
7.20530
7.19381
7.14730
7.12782
7.11887
7.10287
7.08082
6.65142
6.62953
6.62104
6.59911
6.58921
6.56647
6.52140
6.49939
6.43515
6.41390
6.39212
6.35657
5.93646
5.92320
5.90767
5.89281
5.76740
5.01426
4.98613
2.34776
2.34260
2.33328
2.32140
2.29989
2.29184
2.27269
2.17677
2.14791
2.12904
2.11838
2.08593
2.01697
1.93424
1.84779
1.77900
1.73164
1.65204
1.39505
1.36996
1.32847
1.31448
1.29299
1.27854
1.26248
1.25702
1.24181
1.23565
1.11769
motoyoshiya-A

3

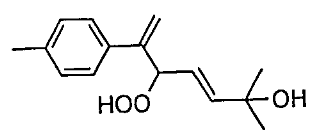

OH

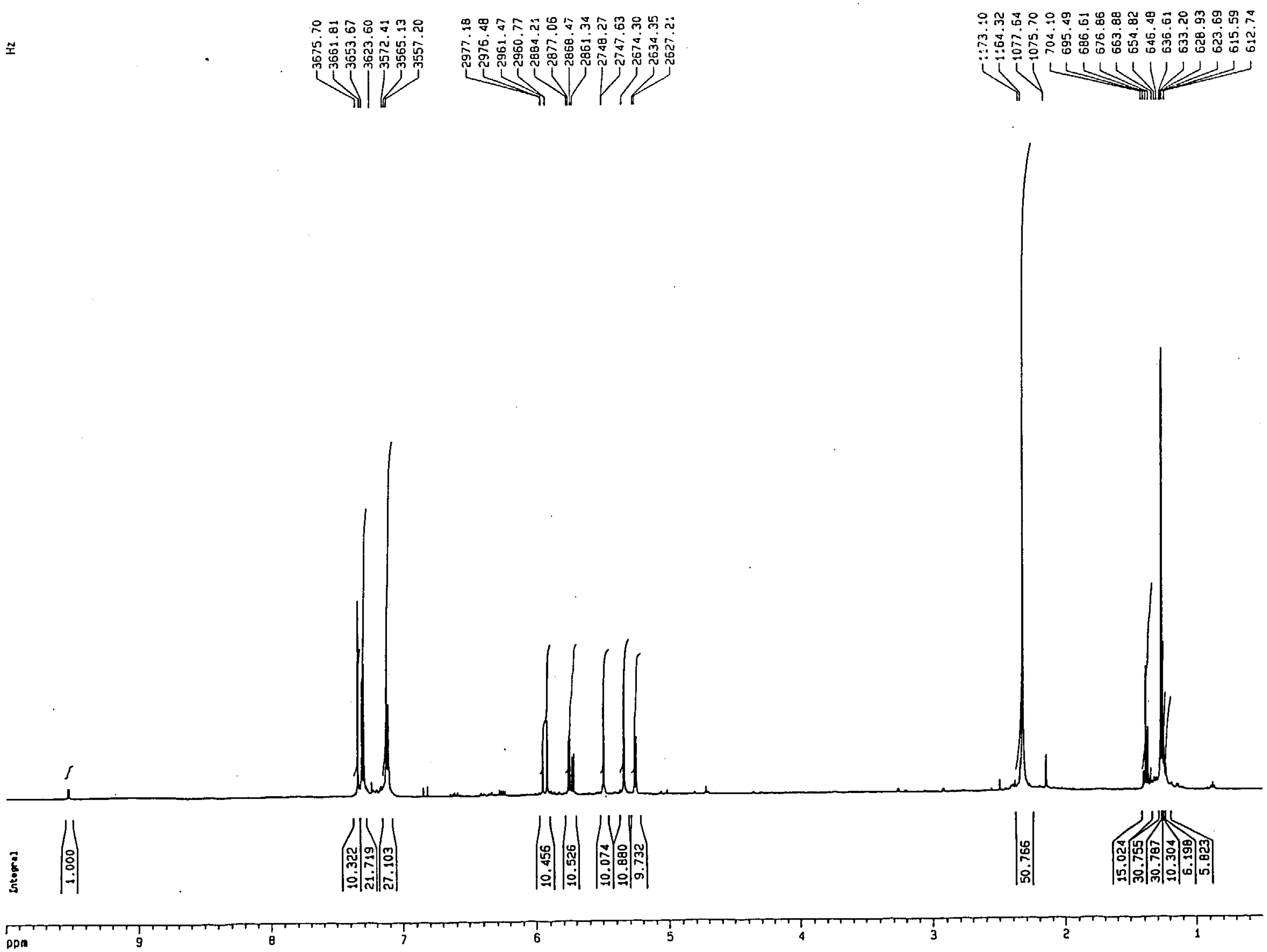

ppm
141.533
140.206
136.733
136.006
135.632
128.990
128.962
128.832
128.781
128.141
128.075
126.506
125.965
125.722
125.465
125.432
123.452
116.543
3
OH
Motoyoshiya-A
29.914
29.727
29.694
18.629
16.020


ppm
194.175
4
163.696
145.899
143.523
141.351
137.614
136.297
129.206
129.107
129.029
128.982
128.936
128.873
128.662
128.579
128.336
127.315
126.877
126.854
126.670
125.696
125.486
123.622
123.546
115.471
motoyoshiya-c
87.384
86.211
77.307
77.052
76.798
73.788
71.222
70.989
70.825
70.731
31.928
29.855
29.695
29.527
29.478
29.406
29.324
29.260
29.098
29.001
21.103
21.051
16.052

12

4





Current Data Parameters
NAME motoyoshiya-c
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date_ 960621
Time 14.38
INSTRUM drx500
PROBHD 5 mm Multinu
PULPROG zg0
TD 131072
SOLVENT CDCl3
NS 8
DS 2
SWH 10288.065 Hz
FIDRES 0.078492 Hz
AQ 6.3701491 sec
RG 35.9
DW 48.600 usec
DE 4.50 usec
TE 300.0 K
D1 1.20000005 sec
P0 3.75 usec
DE 4.50 usec
SFO1 500.1330885 MHz
NUC1 1H
PL1 -3.00 dB

F2 - Processing parameters
SI 65536
SF 500.1300206 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

1D NMR plot parameters
CX 30.00 cm
F1P 10.000 ppm
F1 5001.30 Hz
F2P 0.500 ppm
F2 250.07 Hz
PPMCM 0.31667 ppm/cm
HZCM 158.37451 Hz/cm