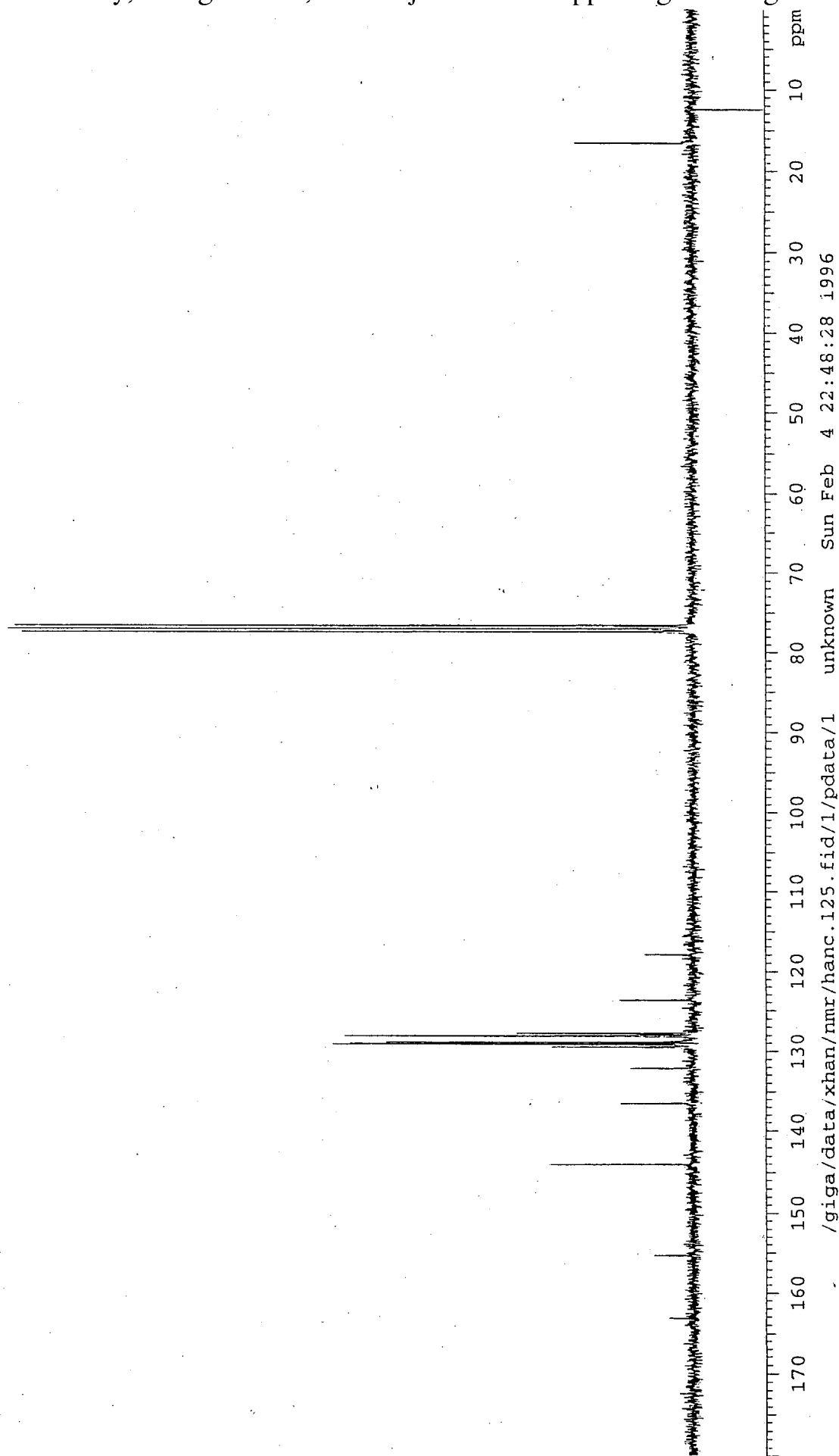
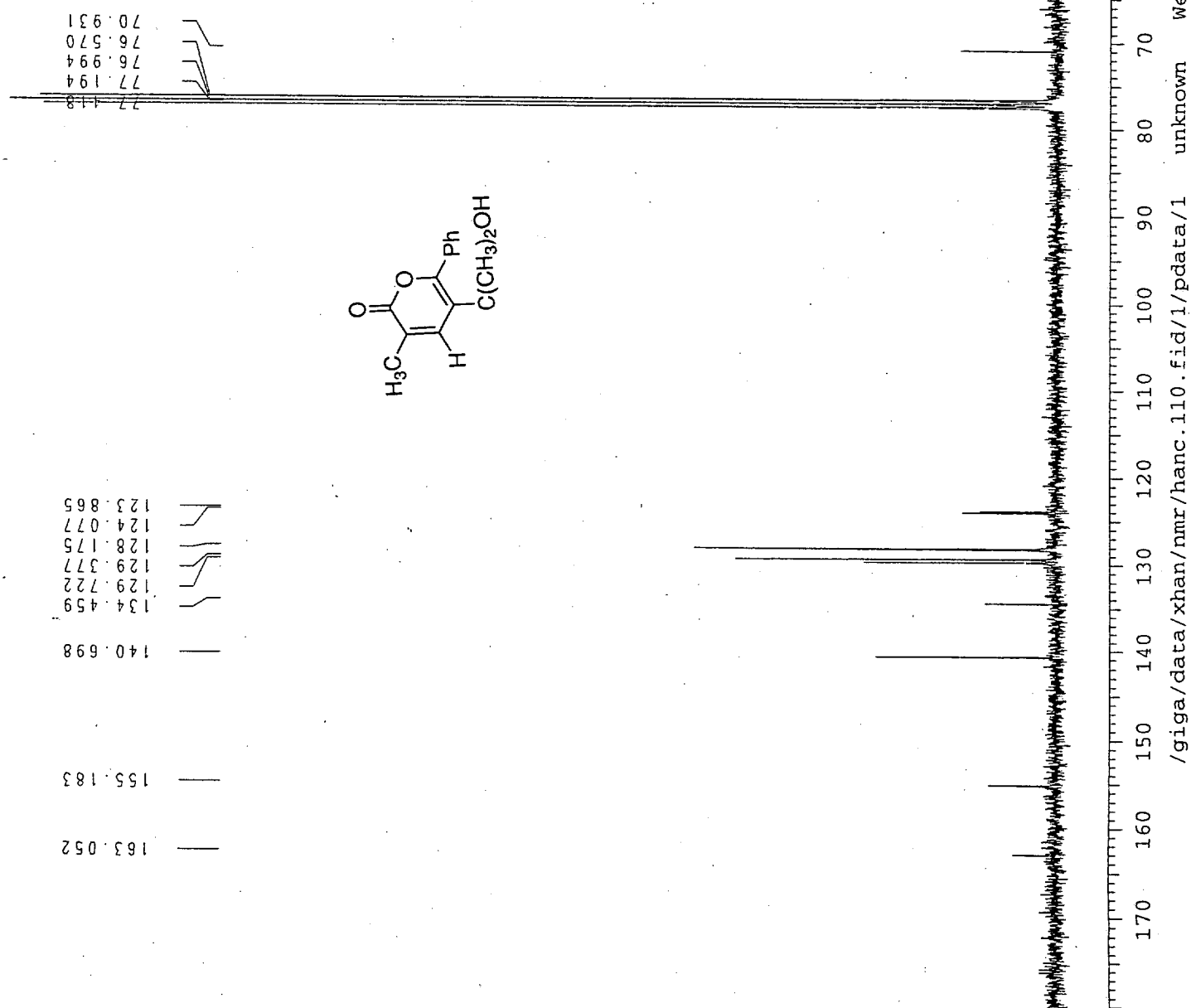


163.178
155.376
144.039
136.545
132.157
129.523
129.188
129.1065
128.866
128.069
127.754
123.707
117.974

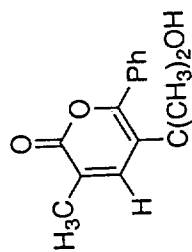
77.421
76.997
76.574

16.506



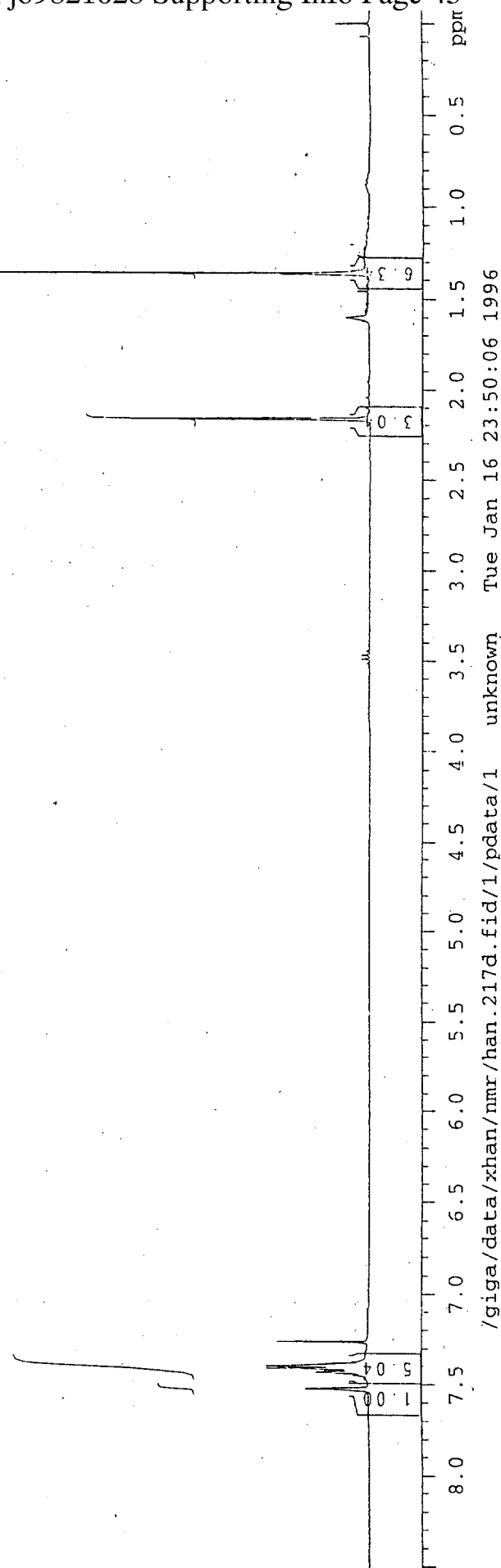


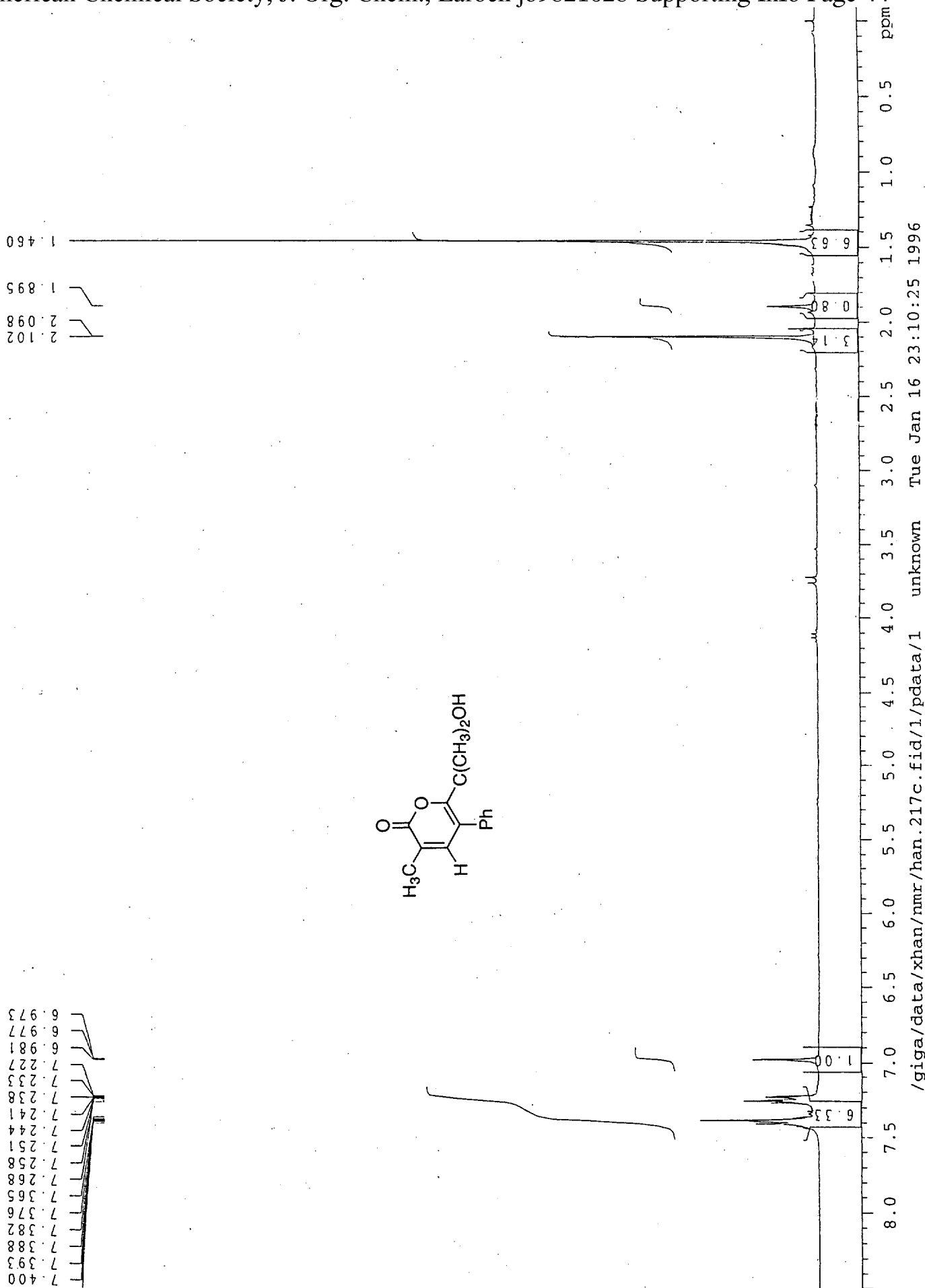
7.530
7.525
7.522
7.451
7.433
7.428
7.422
7.413
7.410
7.404
7.399
7.392
7.385
7.377
7.374
7.264

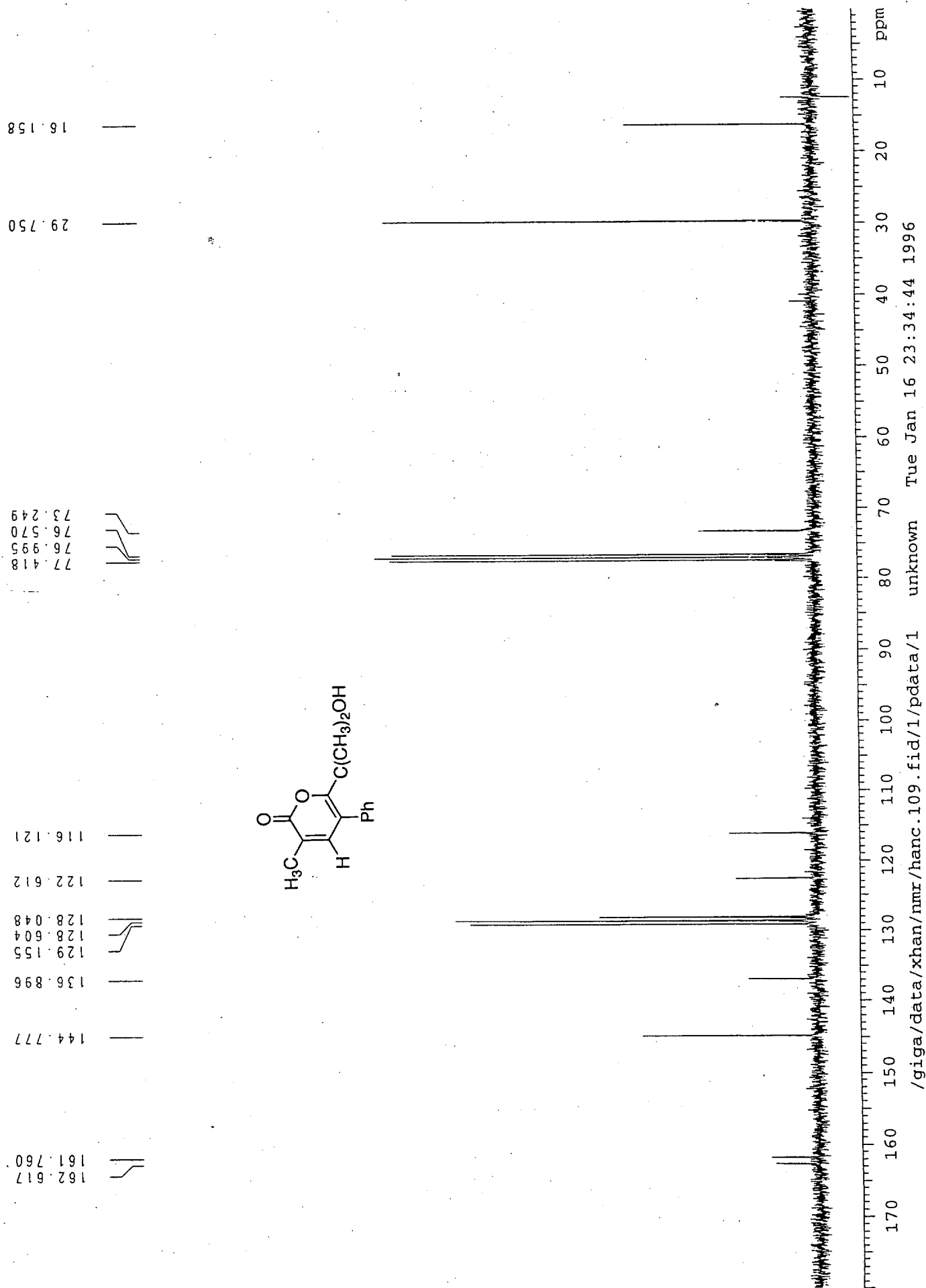


2.168
2.164

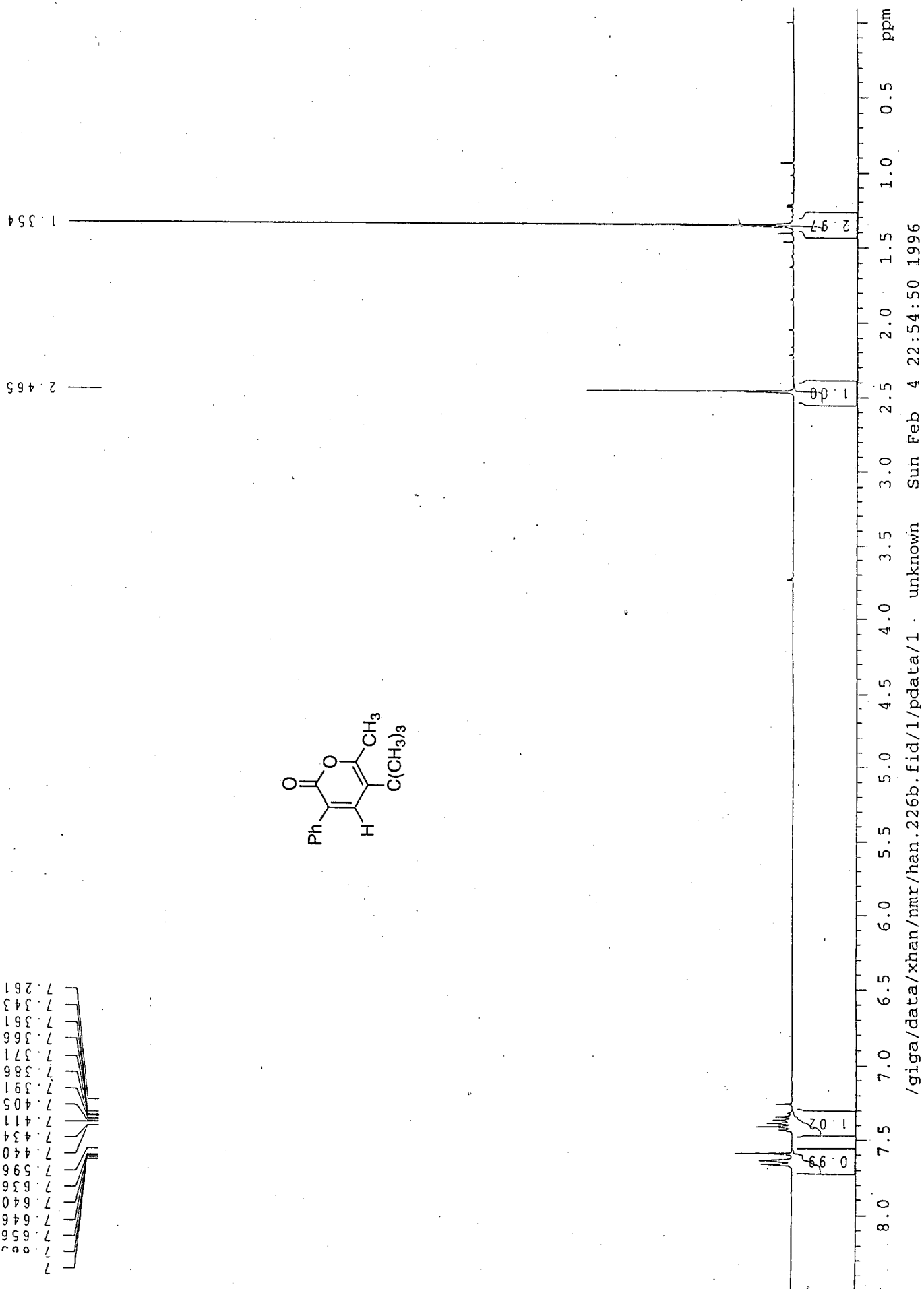
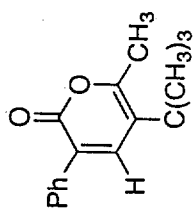
1.364

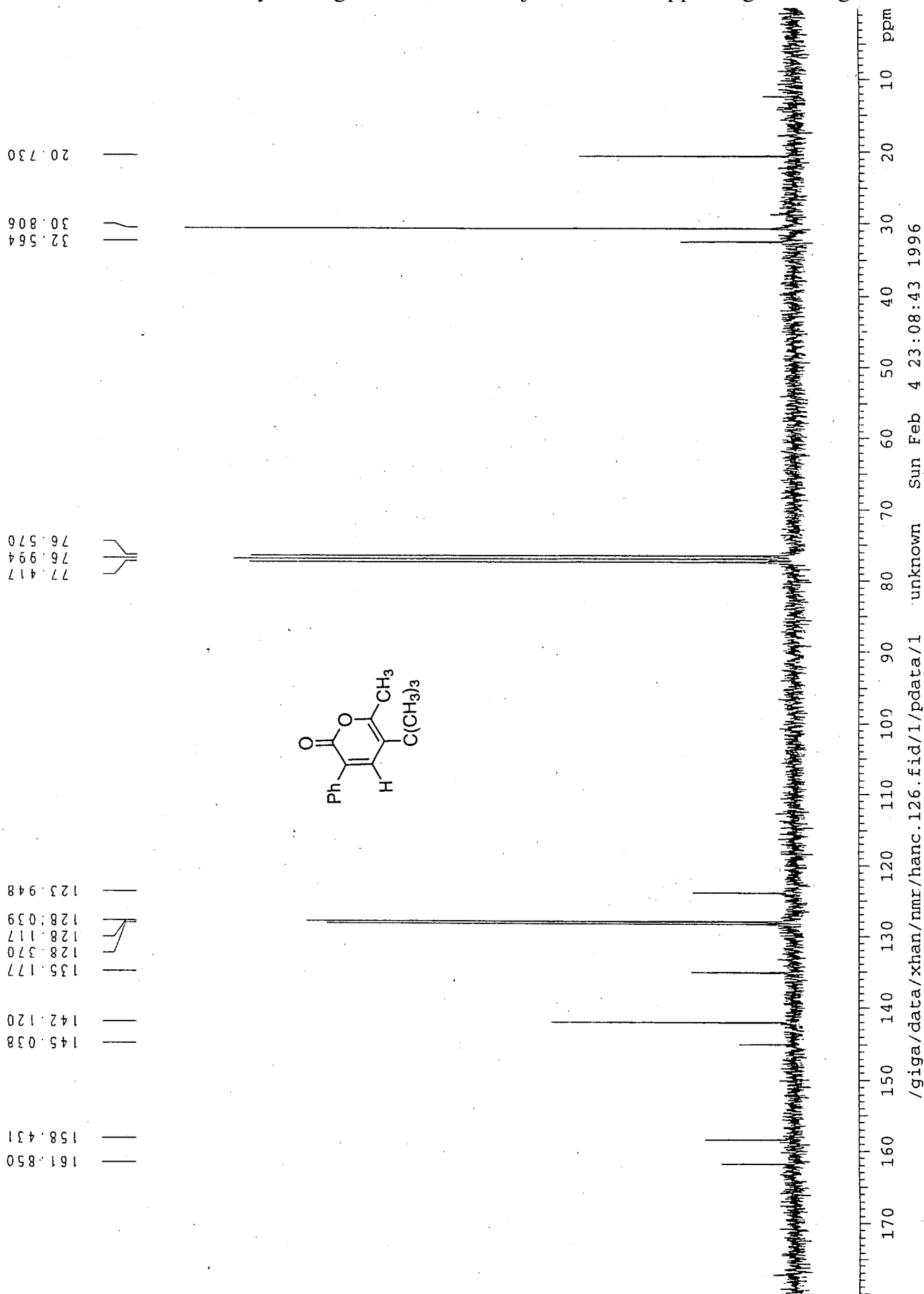




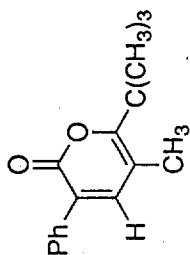


7.656
7.646
7.640
7.636
7.596
7.440
7.434
7.411
7.405
7.391
7.386
7.371
7.366
7.361
7.343
7.261





7.684
7.679
7.671
7.661
7.656
7.652
7.403
7.401
7.396
7.380
7.376
7.357
7.334
7.261
7.249



1.408

2.223

4.71

1.66

2.52

1.00

8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 ppm

/giga/data/xhan/nmr/han.226g.fid/1/pdata/1 unknown Sat Feb 17 19:56:18 1996

17.486

28.825

37.679

76.569
76.993
77.417

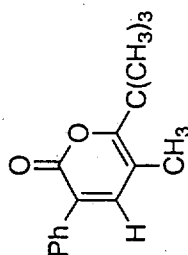
110.460

124.193
127.993
128.119
128.334
134.656

147.391

161.717

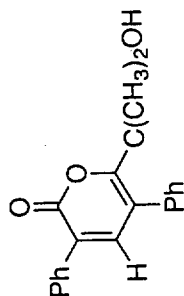
166.355



170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

/giga/data/xhan/nmr/hanc.135.fid/1/pdata/1 unknown Sat Feb 17 20:39:10 1996

7.688
7.687
7.667
7.662
7.428
7.411
7.404
7.398
7.373
7.370
7.320
7.312
7.294
7.289
7.254



1.515

1.00

1.57

0.32

ppm

0.5

1.0

1.5

2.0

2.5

3.0

3.5

4.0

4.5

5.0

5.5

6.0

6.5

7.0

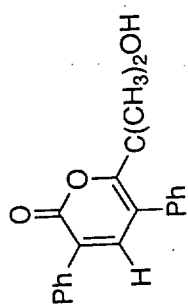
7.5

8.0

/giga/data/xhan/nmr/han.226c.fid/1/pdata/1 unknown Sun Feb 4 20:18:49 1996

29.740

77.422
76.998
76.574
73.405



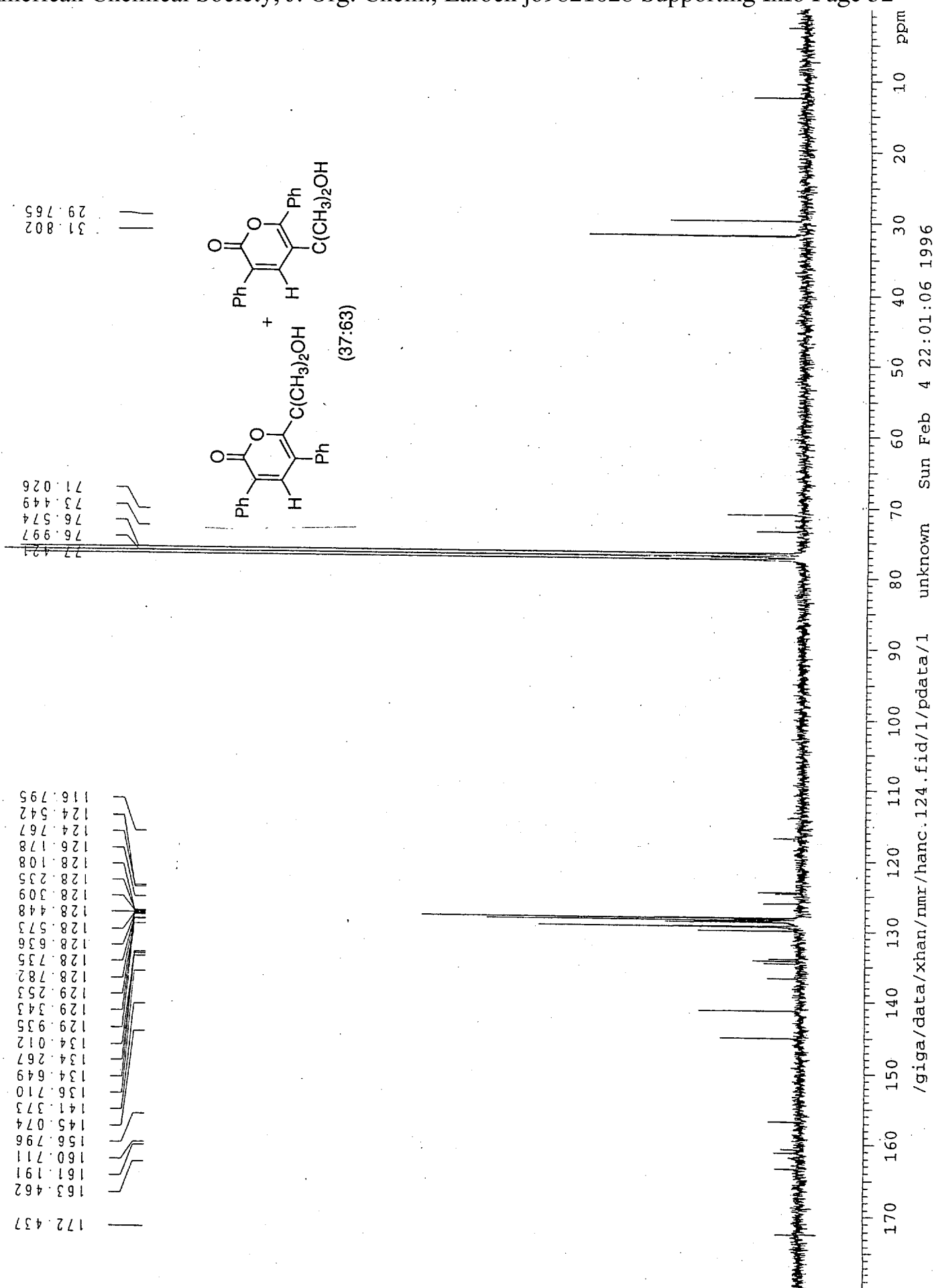
116.783

145.063
136.702
133.995
129.241
128.688
128.601
128.417
128.200
128.085
124.720

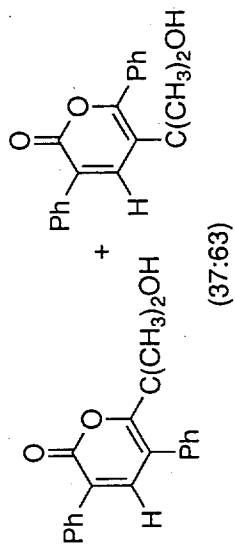
163.454
160.677

170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

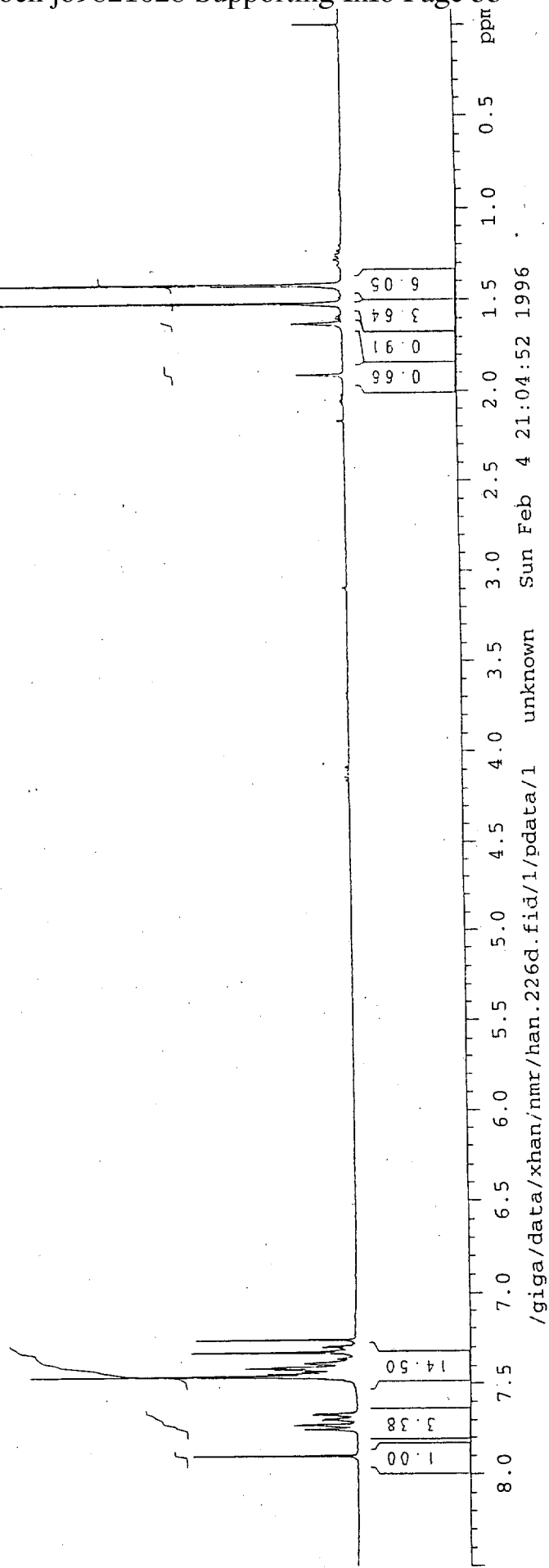
/giga/data/xhan/nmr/hanc.123.fid/1/pdata/1 unknown Sun Feb 4 20:50:04 1996



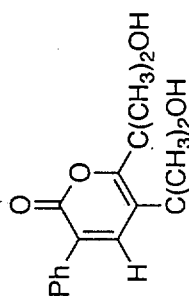
7.898
7.747
7.724
7.720
7.696
7.690
7.668
7.665
7.456
7.409
7.323
7.259



1.912
1.629
1.519
1.419



7.634
7.628
7.612
7.606
7.602
7.438
7.421
7.413
7.393
7.388
7.383
7.368
7.263



1.656
1.638

5.86

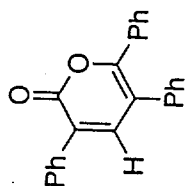
1.00
1.97

8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 ppm

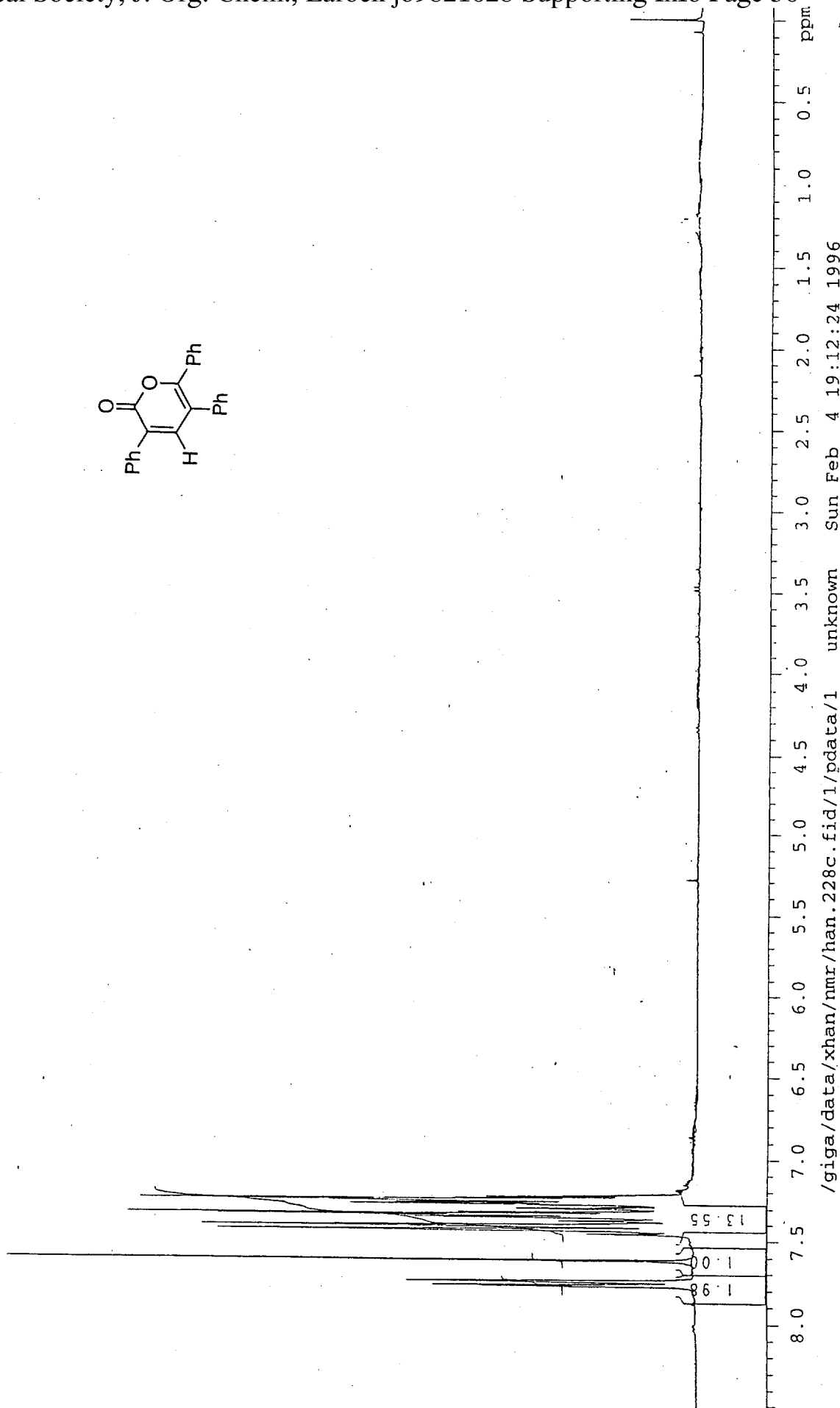
/giga/data/xhan/nmr/han.228b.fid/1/pdata/1 unknown Sun Feb 4 18:14:36 1996

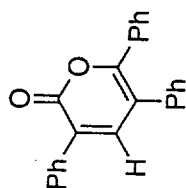
F





7.770
7.748
7.744
7.718
7.618
7.436
7.431
7.409
7.403
7.400
7.356
7.351
7.340
7.333
7.274
7.266
7.251





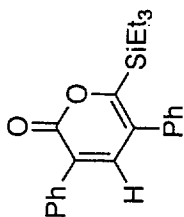
77.421
76.997
76.574

161.249
156.756
144.347
136.408
134.400
131.880
129.893
129.230
129.171
128.992
128.617
128.475
128.208
128.146
127.945
125.590
118.576

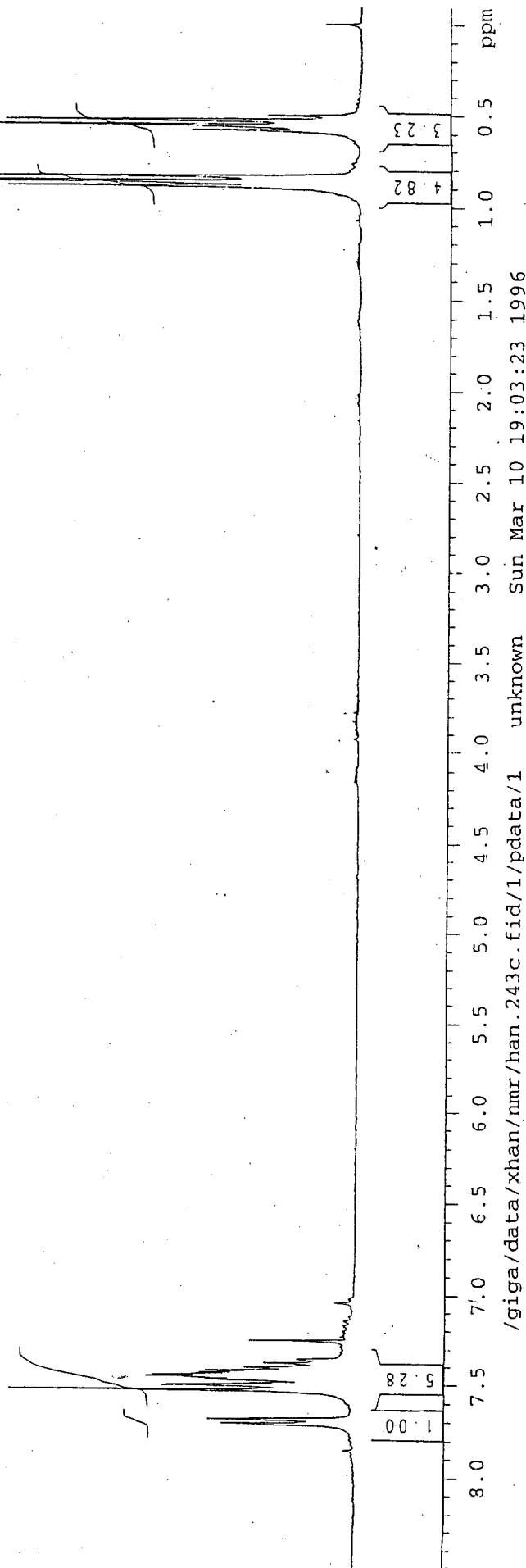
170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

/giga/data/xhan/nmr/hanc.122.fid/1/pdata/1
unknown Sun Feb 4 20:09:54 1996

7.477
7.470
7.456
7.451
7.446
7.439
7.432
7.425
7.421
7.411
7.407
7.402
7.397
7.387
7.379
7.361
7.355
7.254



0.892
0.865
0.840
0.584
0.559
0.532
0.506



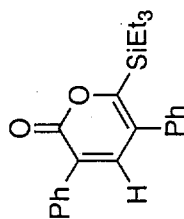
3.885
7.273

77.417
76.994
76.570

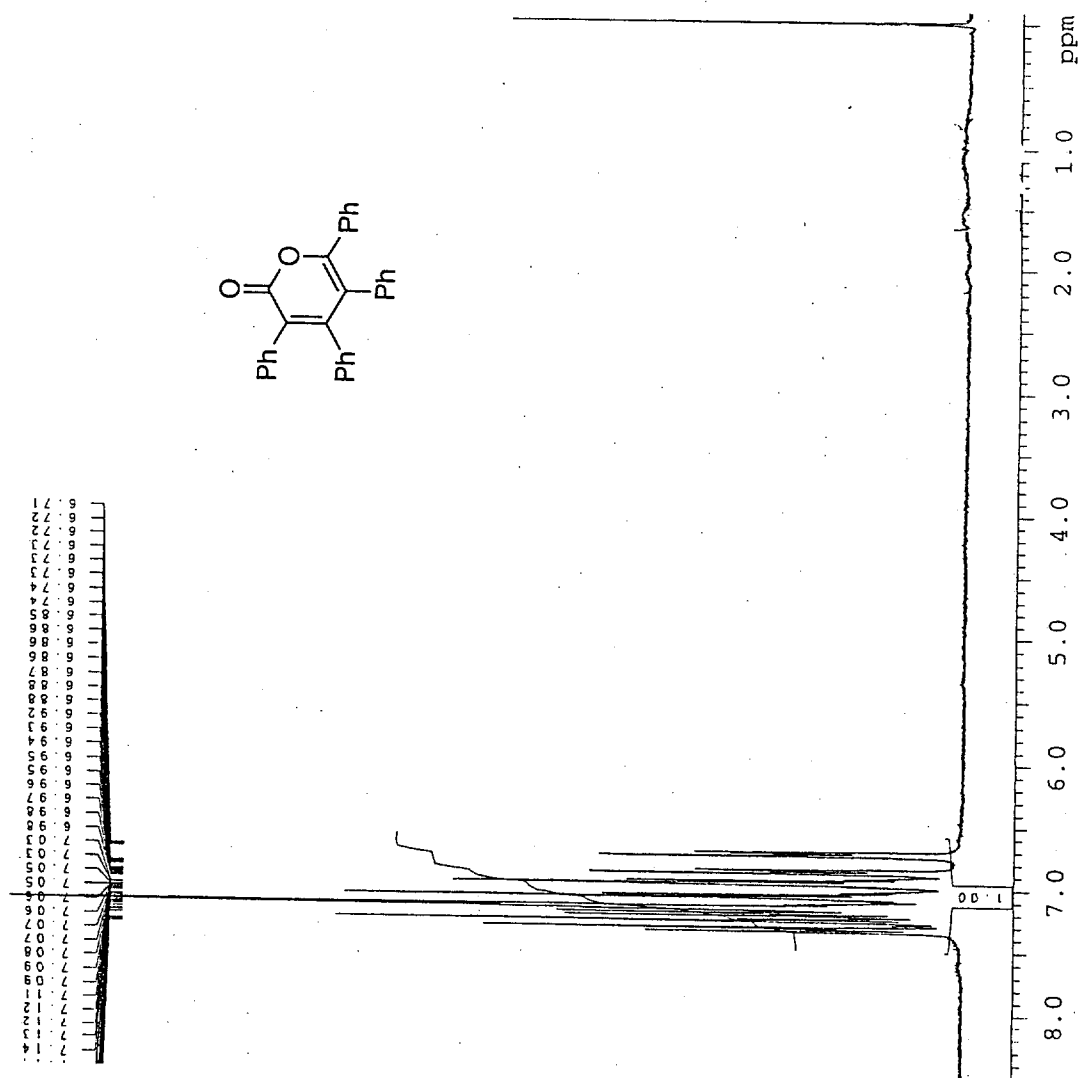
108.852

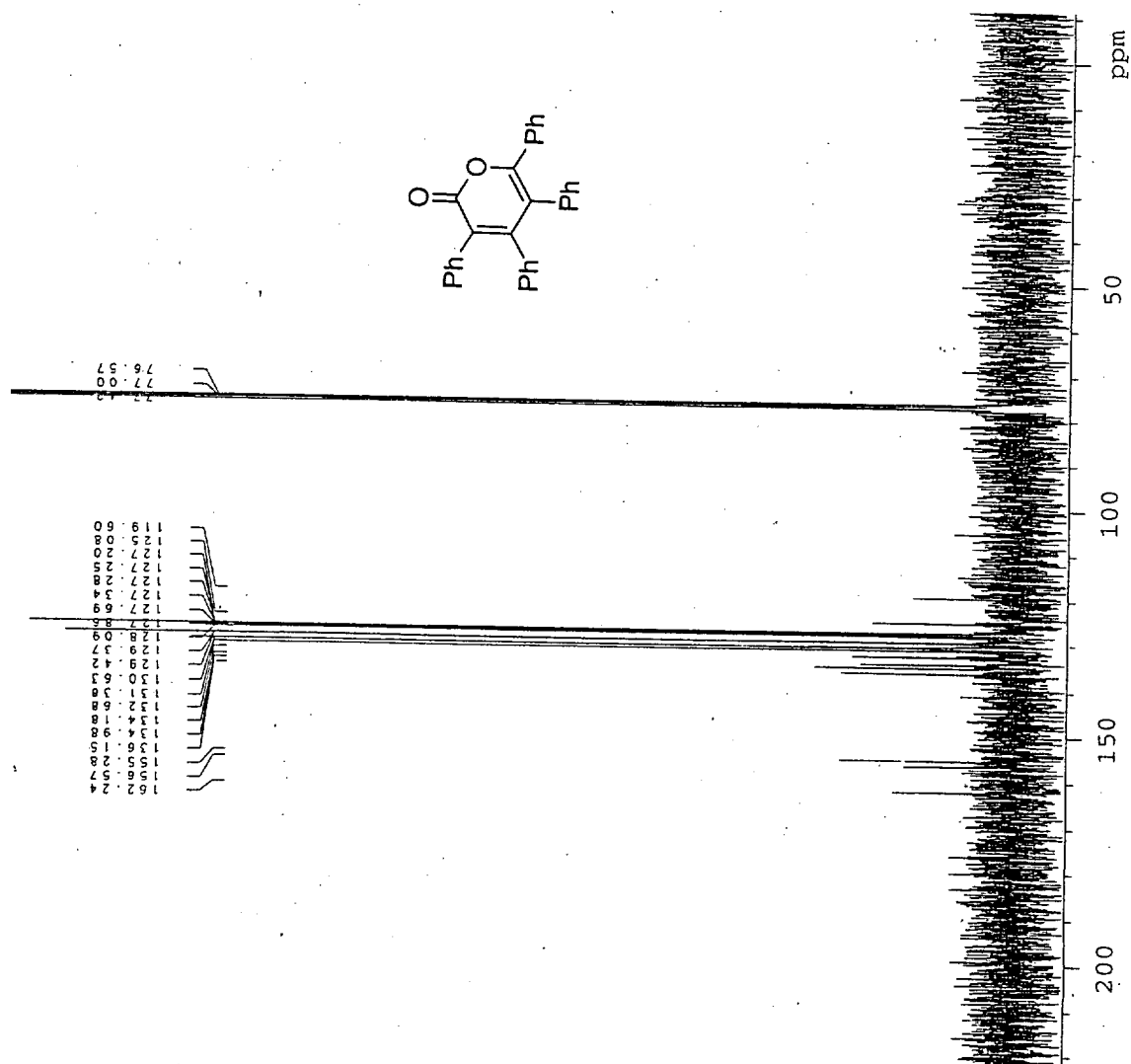
145.892
135.014
134.822
130.374
129.007
128.442
128.353
128.257
128.092
125.375

166.817
161.581

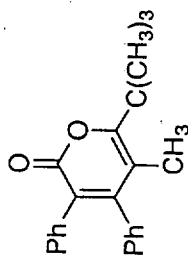


170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm
/giga/data/xhan/nmr/hanc.151.fid/1/pdata/1
unknown Sun Mar 10 19:28:19 1996





7.224
7.205
7.181
7.162
7.111
7.105
7.086
7.079
7.067
7.040
7.032
7.024
7.018
7.013
7.008
6.954
6.948
6.941
6.928
6.923



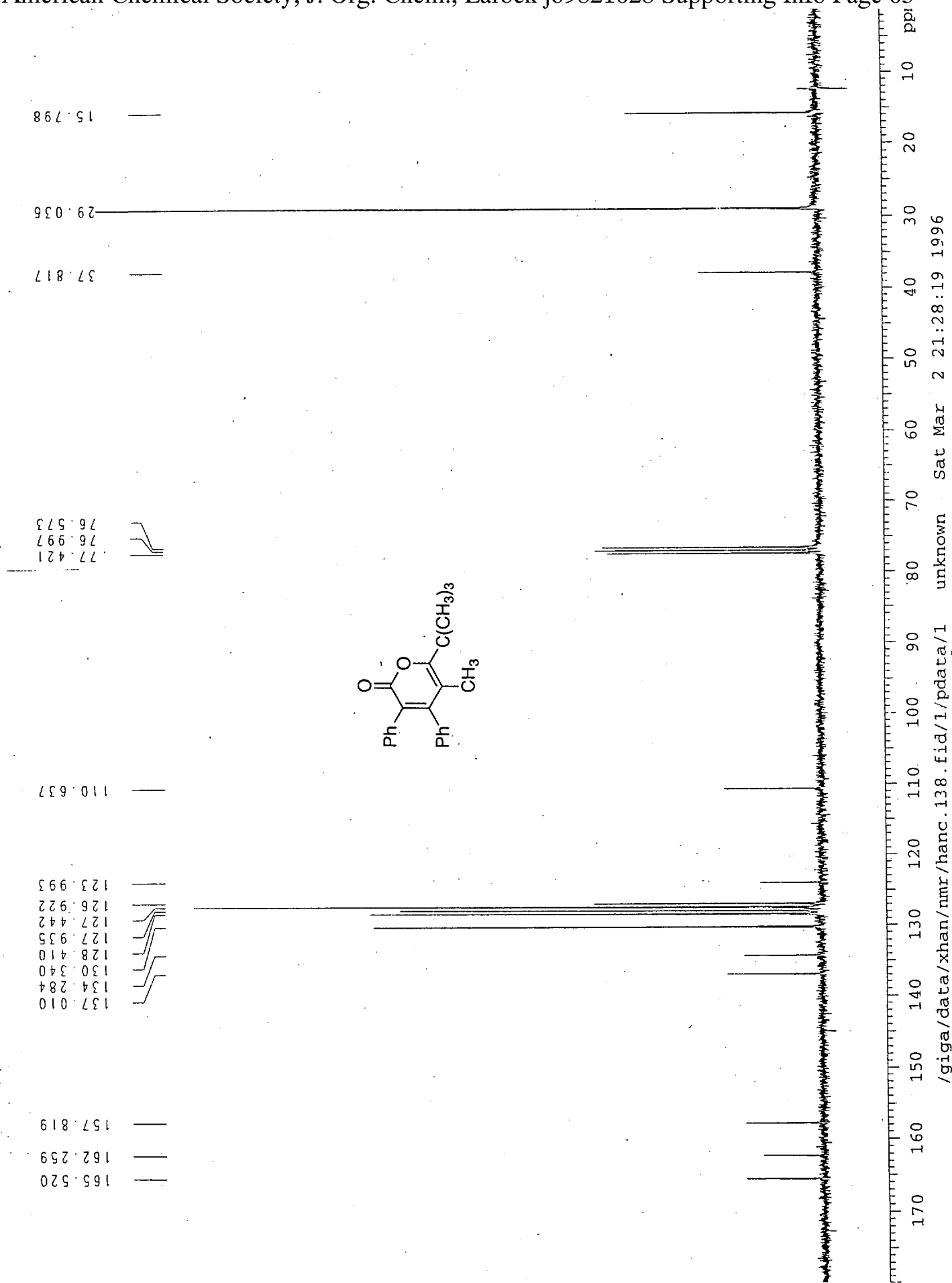
1.845
1.464

1.00
3.16

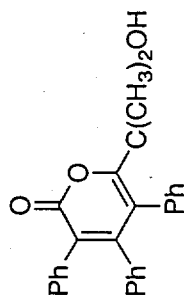
3.52

8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 ppm

/giga/data/xhan/nmr/han.236c.fid/1/pdata/1 unknown Sat Mar 2 21:13:32 1996



7.253
7.143
7.137
7.128
7.120
7.116
7.100
7.028
7.016
7.003
6.996
6.893
6.884
6.873
6.871
6.860
6.858
6.855
6.851



1.956

1.515

2.30

3.33

10.85

1.00

6.62

8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 ppm

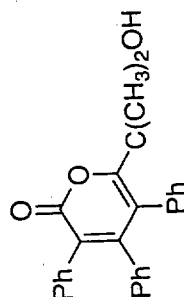
/giga/data/xhan/nmr/han.238.fid/1/pdata/1 unknown Sat Mar 2 22:21:29 1996

29.843

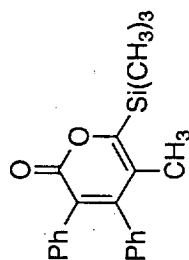
77.419
76.995
76.571
73.712

135.790
134.496
133.854
130.947
130.383
129.052
127.869
127.626
127.326
127.122
126.961
124.570
117.395

162.803
161.505
155.957



7.256
7.222
7.198
7.181
7.126
7.102
7.087
7.058
7.049
7.042
7.032
7.026
6.976
6.969
6.963
6.955
6.950
6.945



0.407

1.795

0.84

0.30

1.00

8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0 ppm

/giga/data/xhan/nmr/han.242b.fid/1/pdata/1 unknown Sun Mar 10 16:51:46 1996

153.929

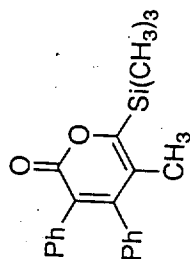
165.933
163.722

136.478
134.215
130.333
128.417
128.025
127.567
127.491
127.149
126.651
123.287

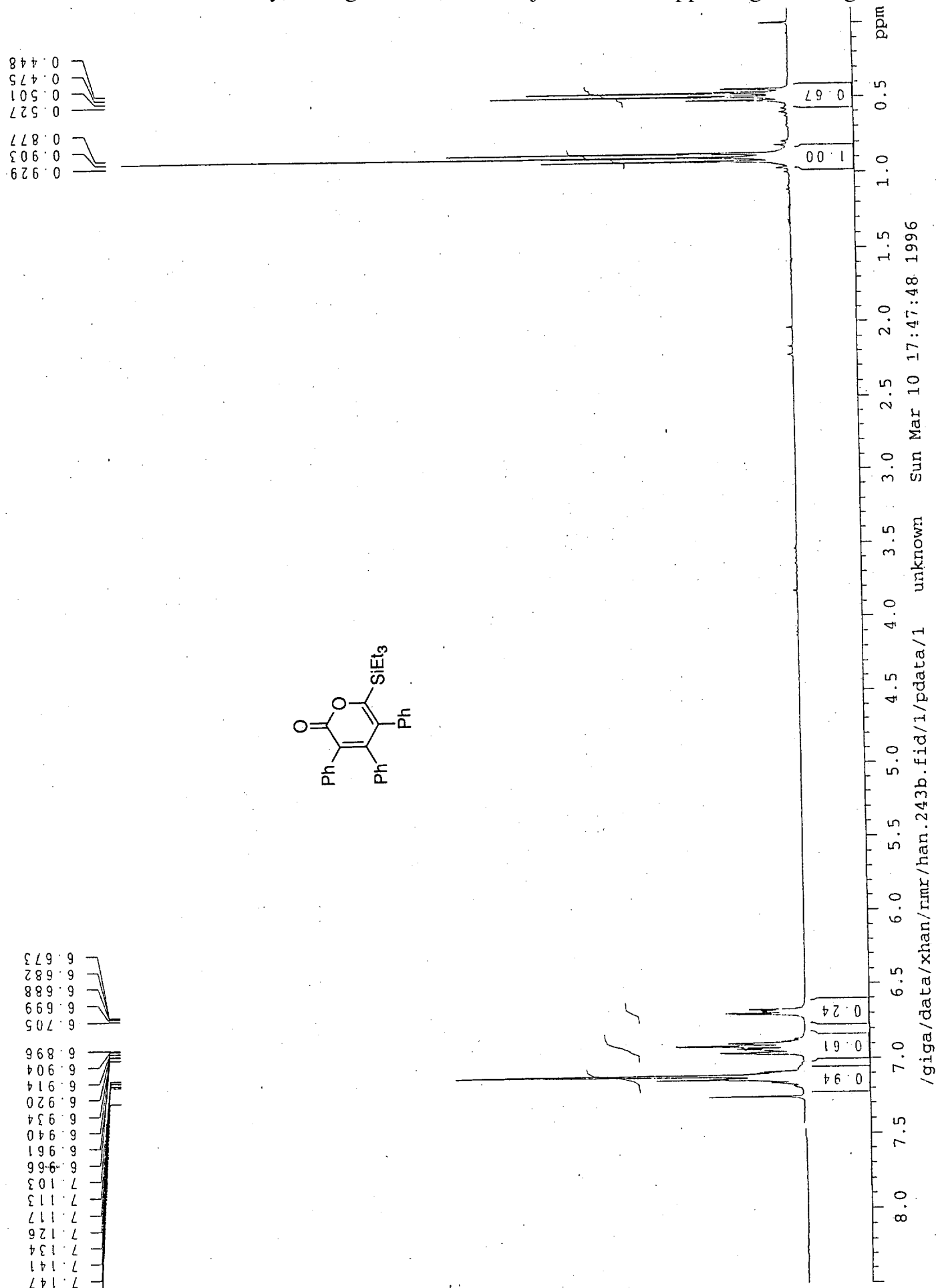
77.416
76.993
76.568

15.964

-1.184



170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 ppm

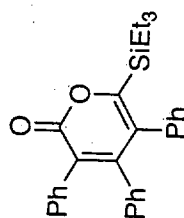


7.359
3.011

77.420
76.996
76.573

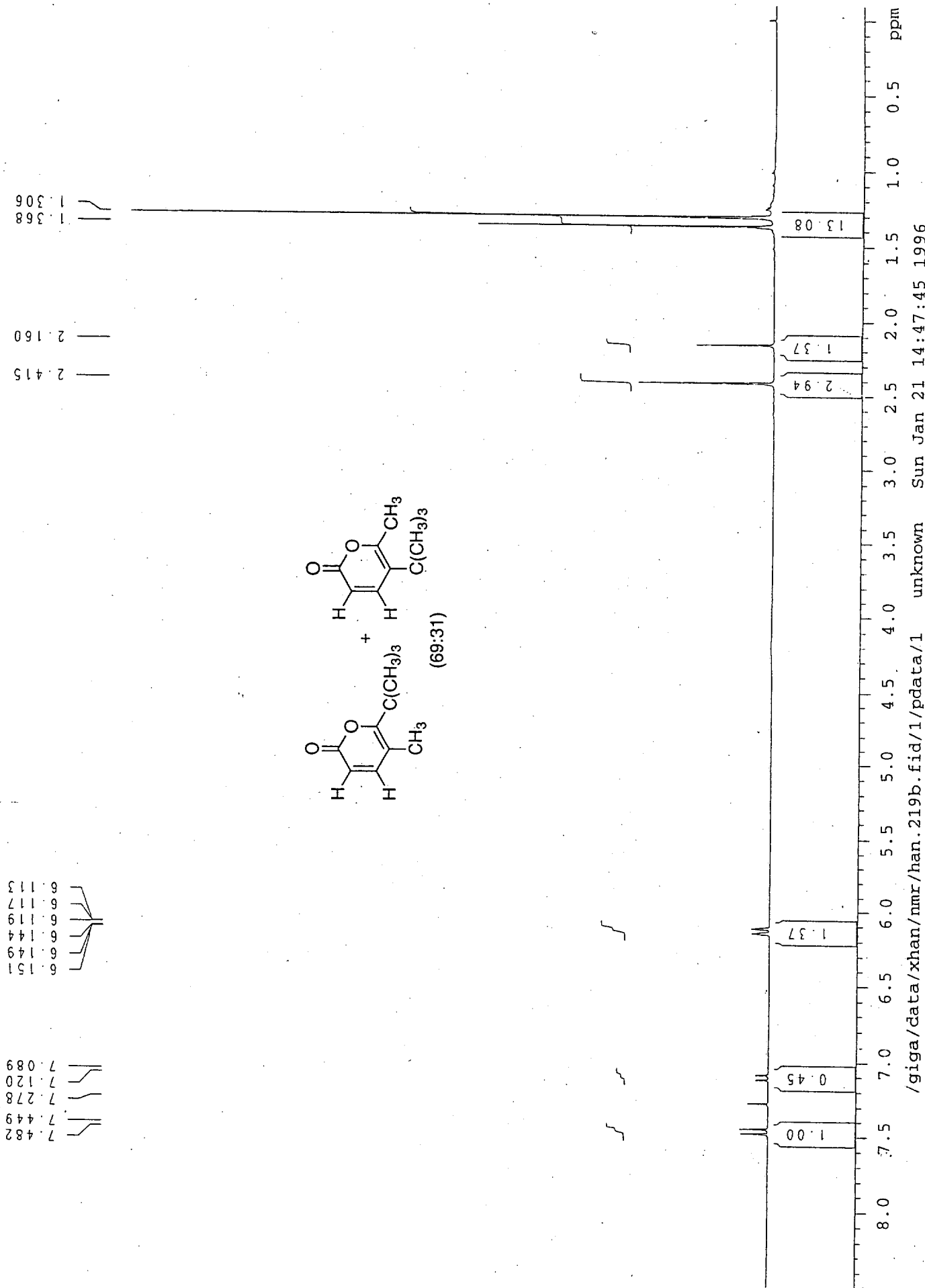
152.518
136.048
135.143
134.282
132.090
131.203
130.595
129.409
127.701
127.547
127.515
127.225
127.206
126.976
125.860

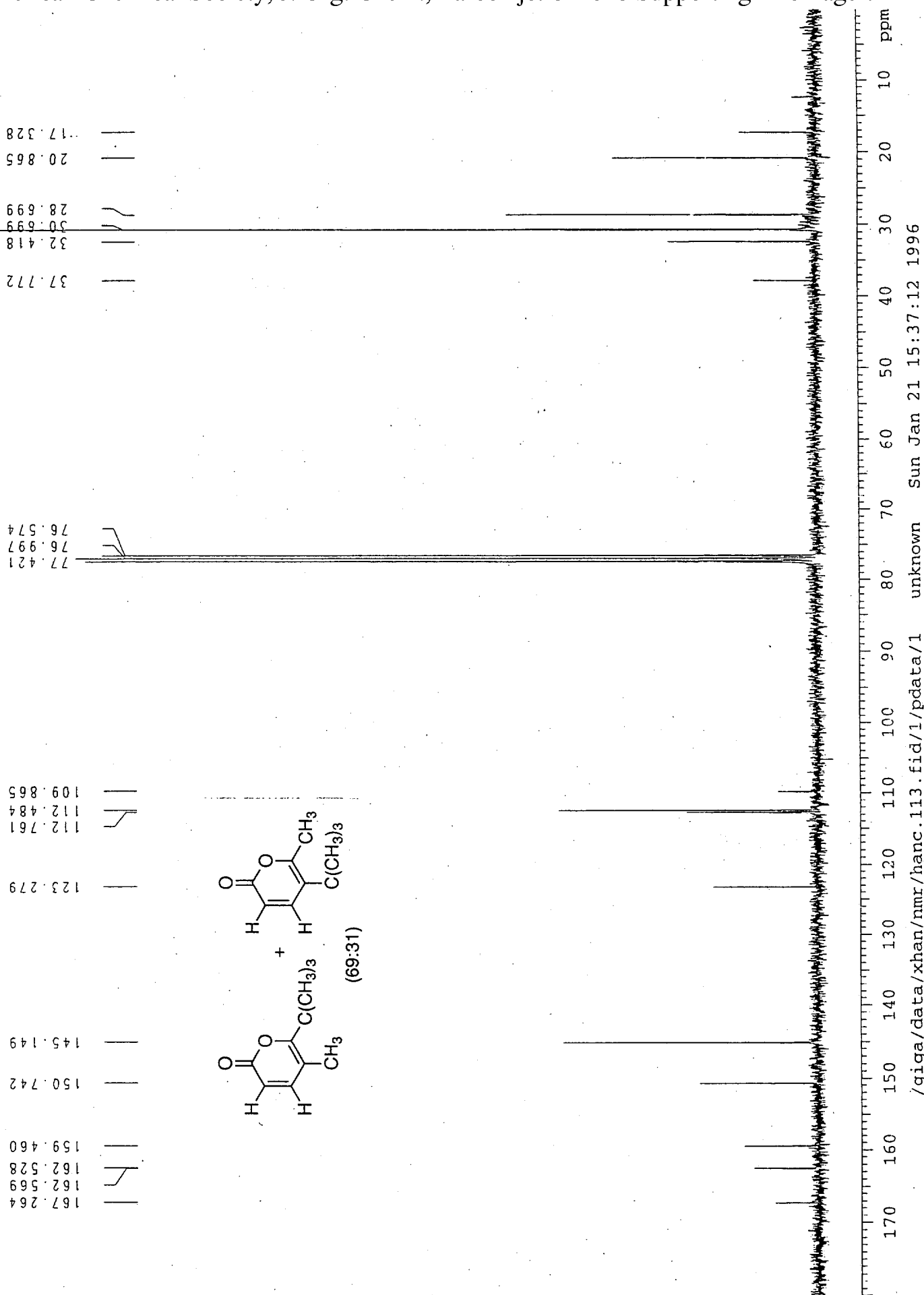
166.845
163.614

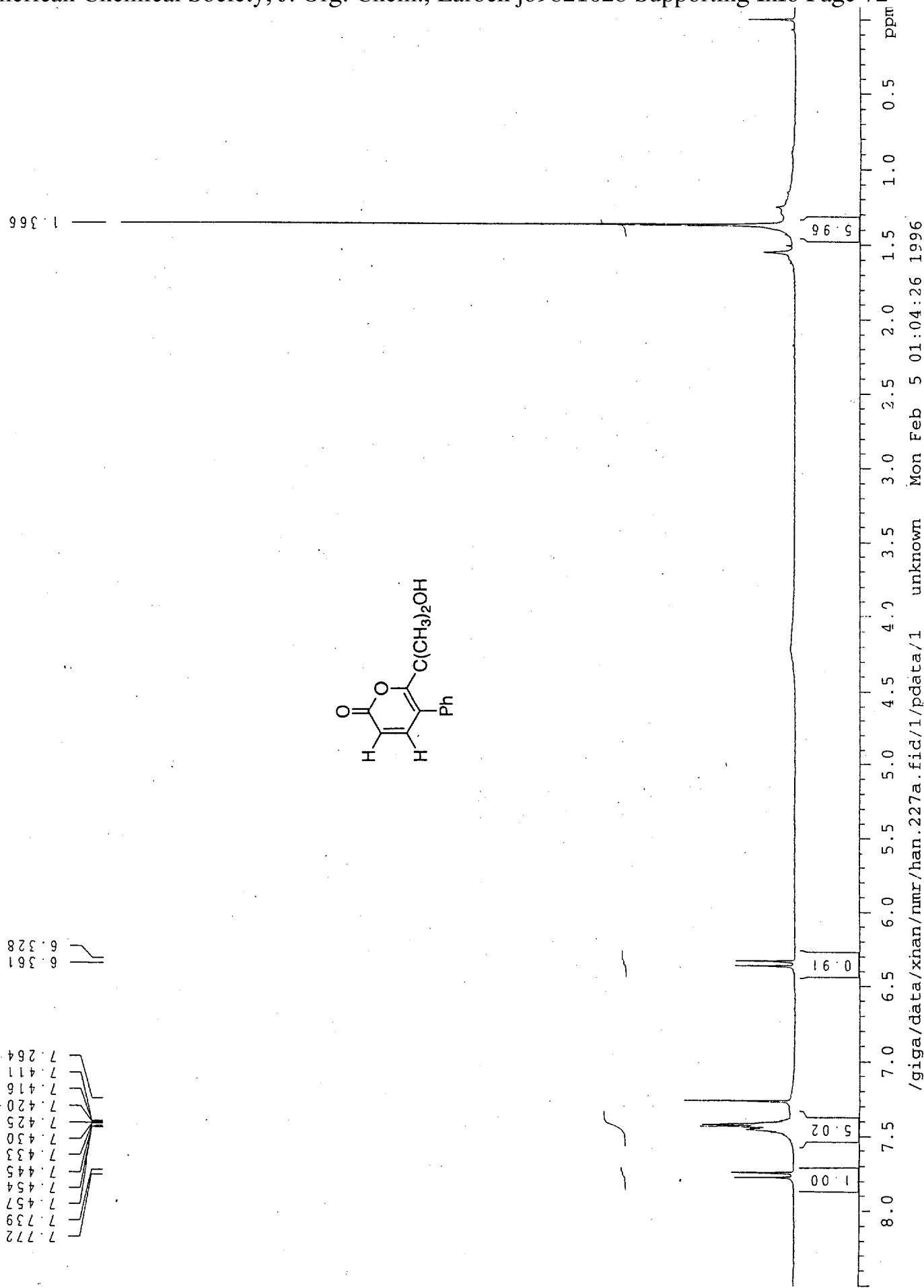


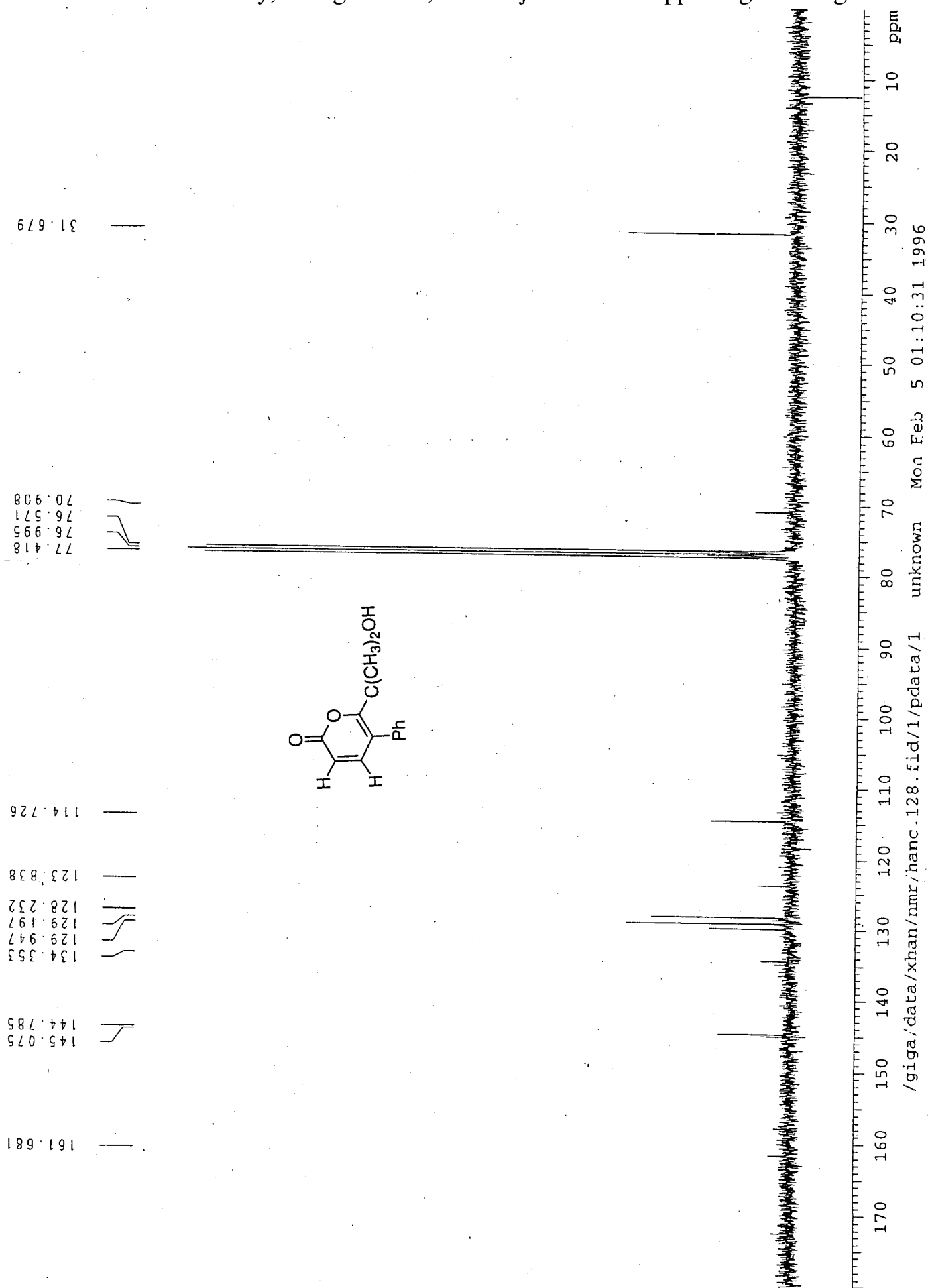
170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppm

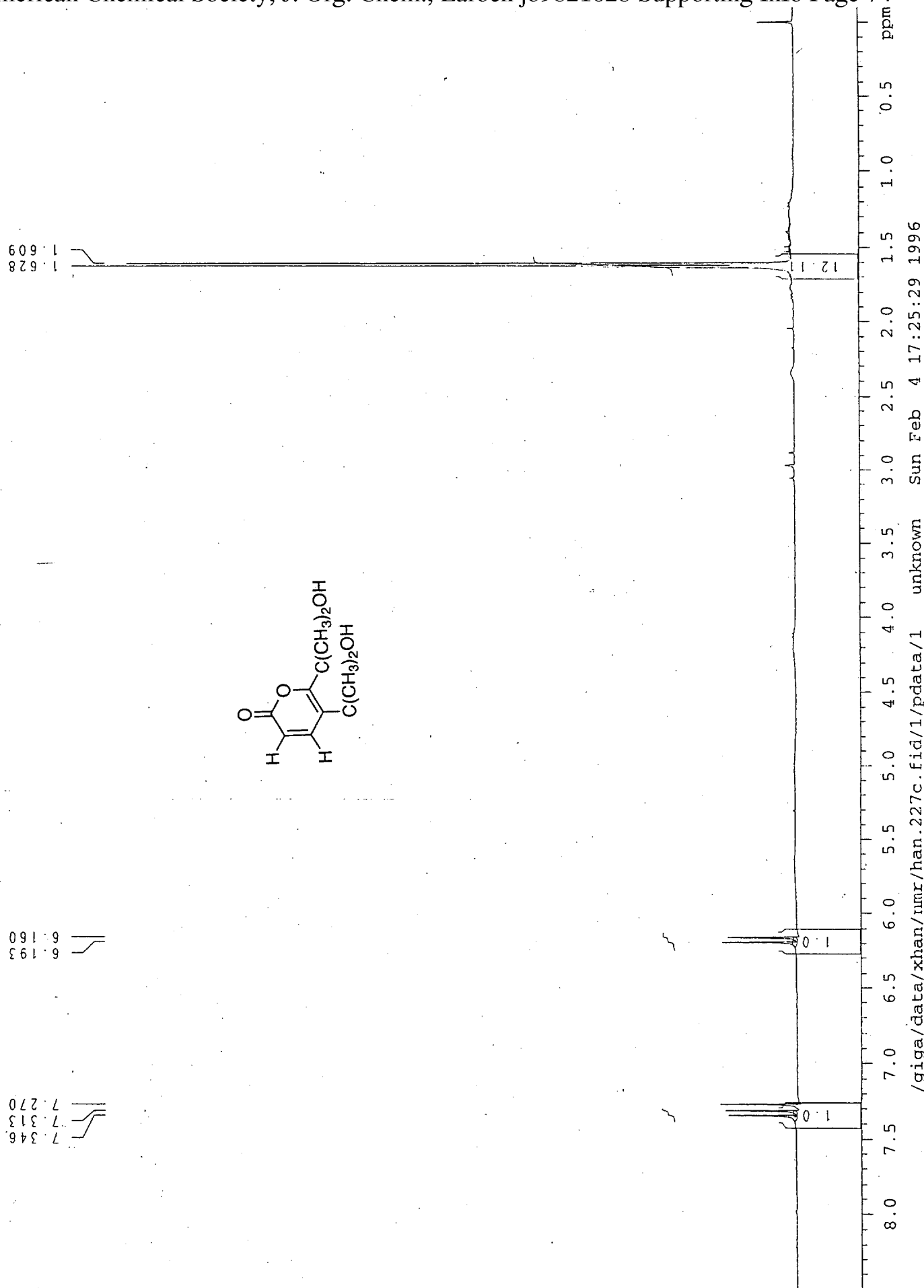
/giga/data/xhan/nmr/hanc.150.fid/1/pdata/1 unknown Sun Mar 10 18:56:50 1996











31.905
30.015

77.419
76.995
76.571
74.016
72.177

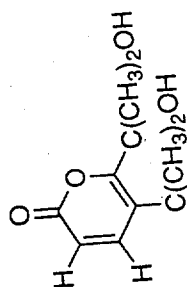
113.167

122.157

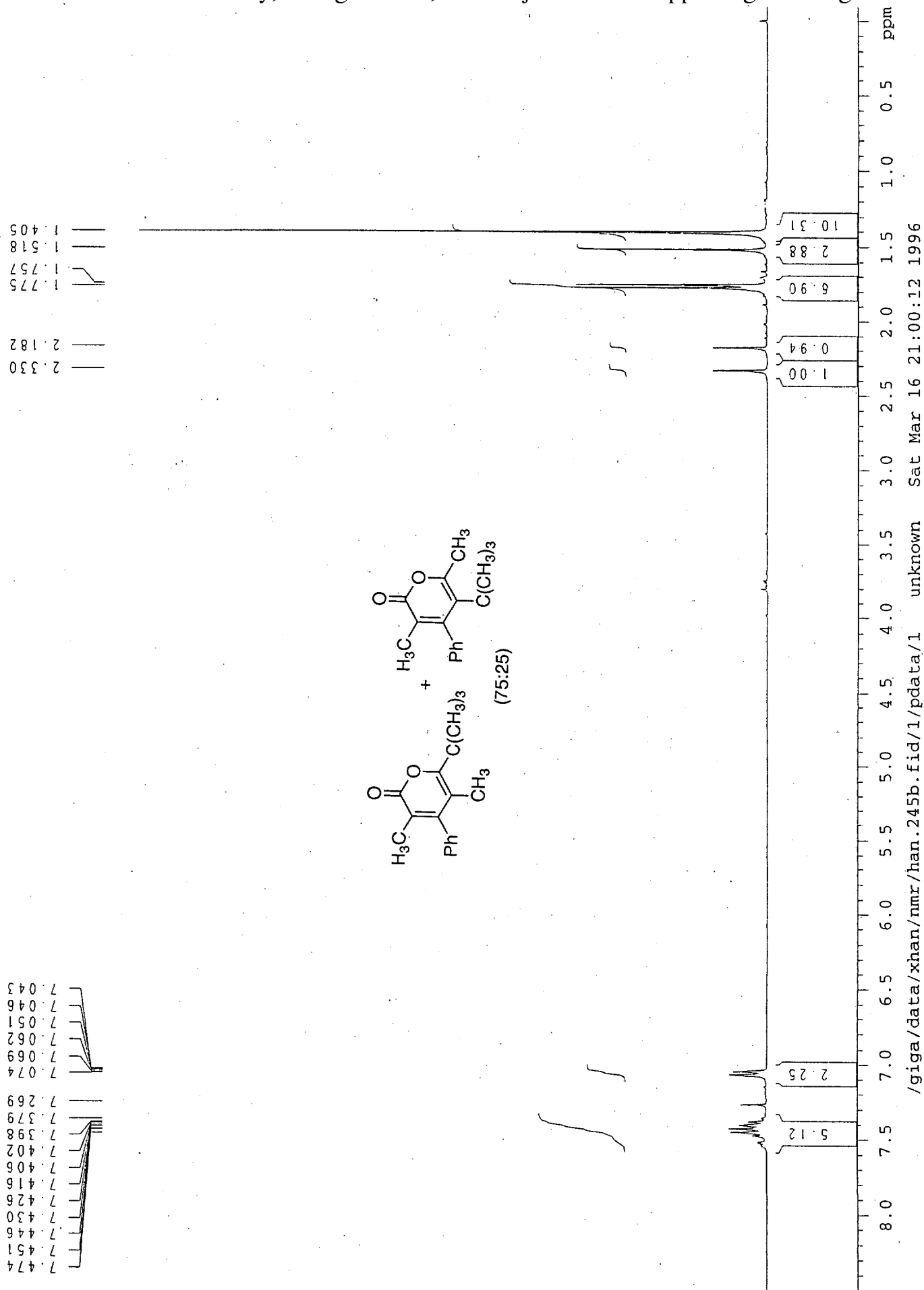
145.597

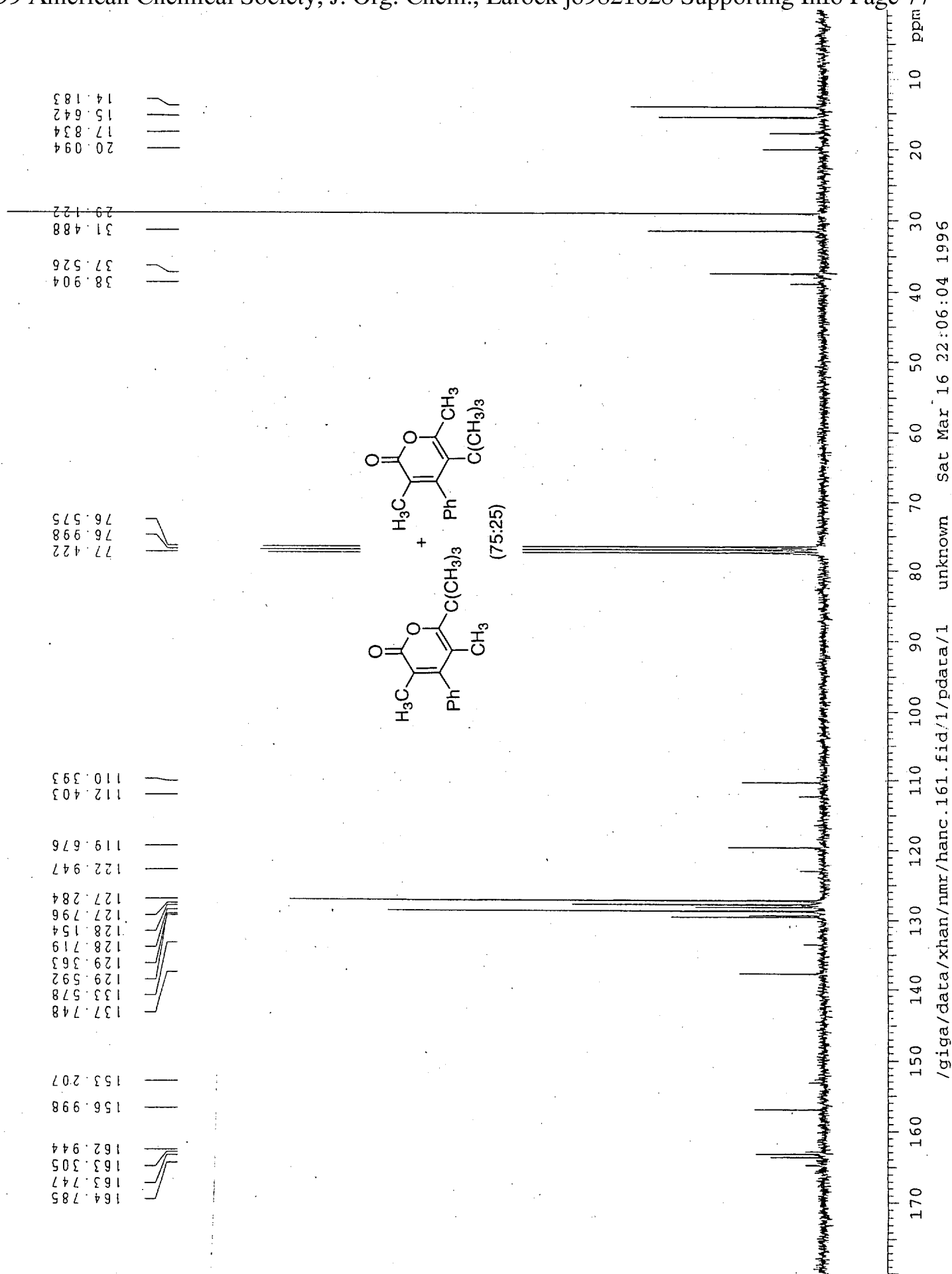
161.124

166.283

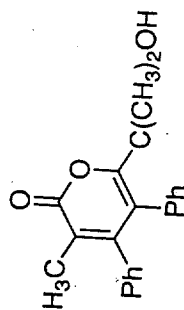


170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 ppr
/giga/data/xhan/nmr/hanc.119.fid/1/pdata/1 unknown Sun Feb 4 18:22:43 1996





7.265
7.139
7.134
7.125
7.120
7.114
7.108
7.102
7.095
7.091
6.974
6.971
6.966
6.963
6.960
6.949
6.942
6.836
6.829
6.814
6.810
6.804



1.873
1.815
1.464

ss

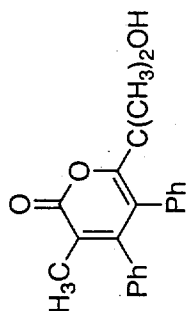
1.87
0.66
0.66

1.00
0.29
2.04

8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0 ppm

/giga/data/xhan/nmr/han.245d.fid/1/pdata/1 unknown Sat Mar 16 18:10:28 1996

162.785
160.854
155.159
136.289
134.738
130.809
127.924
127.861
127.821
127.563
127.359
120.528
117.071



77.416
76.993
76.569
73.542

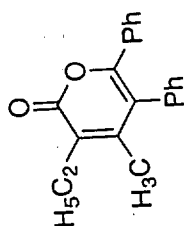
29.874
14.454

0.001

1.207
1.182
1.157

1.926

2.691
2.666
2.641
2.616



7.263
7.244
7.239
7.234
7.225
7.218
7.212
7.200
7.191
7.183
7.178
7.163
7.161
7.156
7.144
7.136
7.130
7.119
7.115
7.112

2.82
7.09

2.91

3.00

2.05

8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 ppr

/giga/data/xhan/nmr/han.275b.fid/1/pdata/1 unknown Sun Jun 9 17:26:09 1996