

Efficient Synthesis of the C₇-C₂₀ Subunit of Amphidinolides C and F

Subham Mahapatra and Rich G. Carter*

*Department of Chemistry, Oregon State University, 153 Gilbert Hall,
Corvallis, OR 97331.*

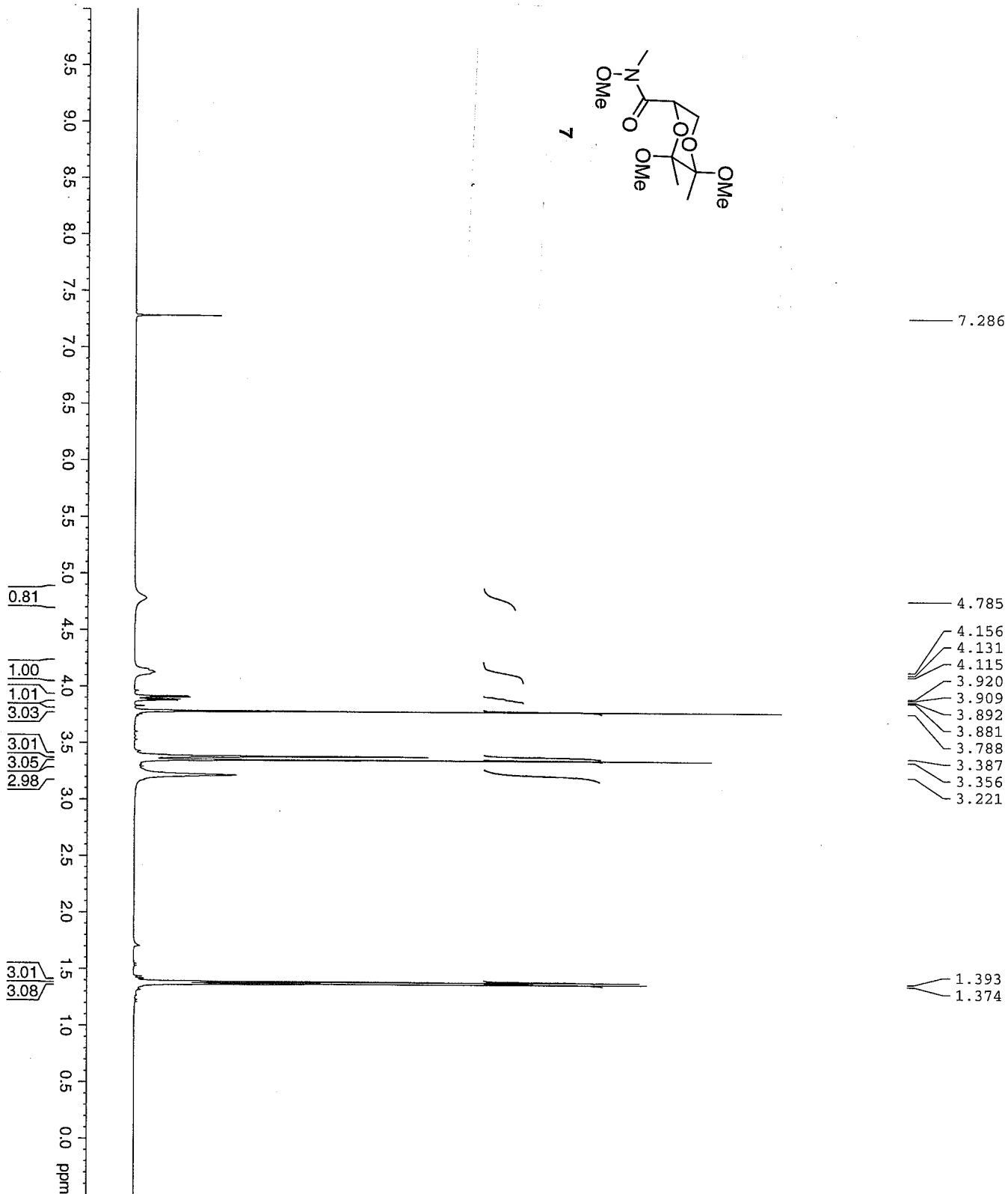
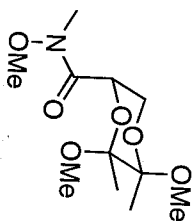
Electronic Supplementary Information: Spectral Data

Efficient Synthesis of the C7-C20 Subunit of Amphidinolides C and F

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Weinreb Amide



Current Data Parameters
 Name: S08-154-Weinreb Amide
 ExpNo: 2
 PROCNO: 1
 ID: 7
 USER: subham

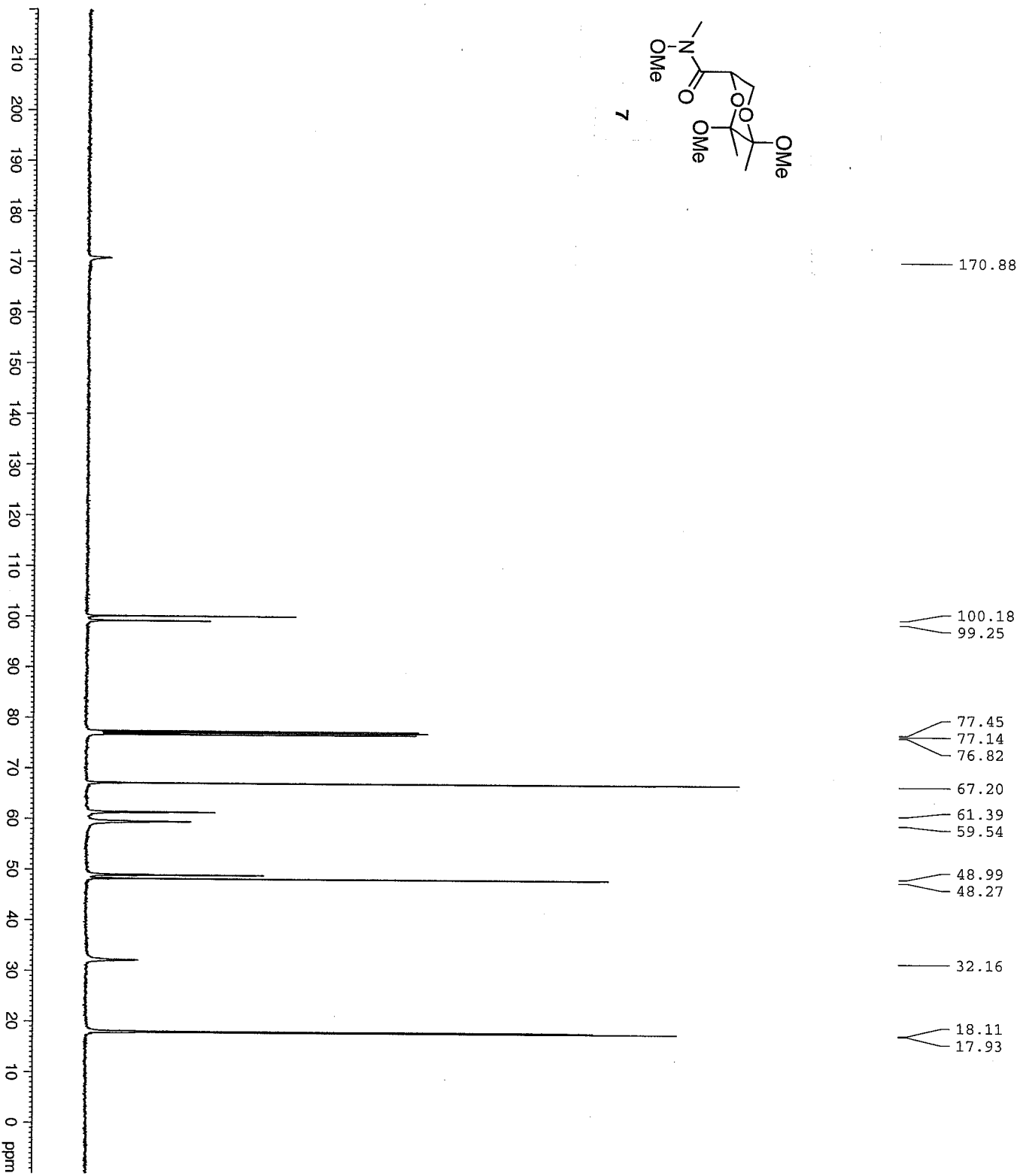
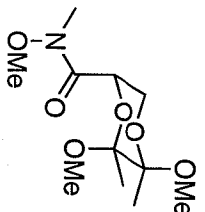
F2 - Acquisition Parameters
 Date_ 20081111
 Time 19.55
 INSTRUM DFX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2

SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.5559540 sec
 RG 161.3
 K0 78.000 usec
 DM 6.00 usec
 DE 258.0 K
 D1 2.0000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.70 usec
 PL1 0.00 dB
 SFO1 399.9528000 MHz

F2 - Processing parameters
 SI 32768
 SF 399.9500000 MHz
 WDW EM
 SSB 0
 LB 0.70 Hz
 GB 0
 PC 1.00

Weinreb amide



Current Data Parameters
 Name: SMF-I-35-Weinreb amide
 EXNO: 1
 PROCNO: 1
 DU: /n
 USER: subham

F2 - Acquisition Parameters
 Date_: 20080909
 Time: 17:49
 INSTRUM: D4400
 PROBRD: 5 mm BBO
 PULPROG: zgpg30
 TD: 65536
 SOLVENT: CDCl3
 NS: 4000
 DS: 4
 SWH: 25125.629 Hz
 FIDRES: 0.383387 Hz
 AQ: 1.3942164 sec
 RG: 139.976
 BA: 139.976 usec
 DE: 6.00 usec
 TE: 298.2 K
 D1: 0.15000001 sec
 d11: 0.03000000 sec
 DELTA: 0.05000000 sec
 TDO: 1

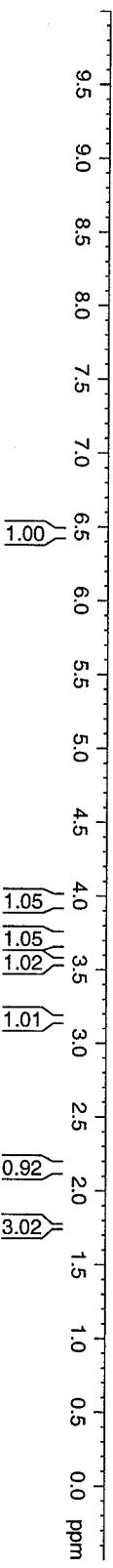
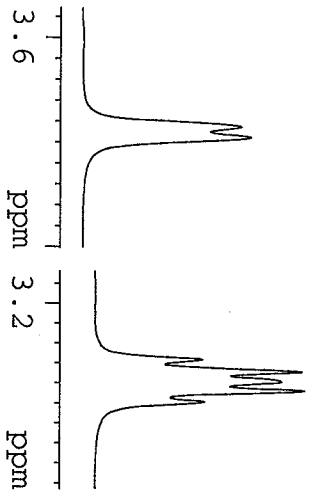
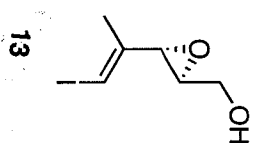
==== CHANNEL f1 =====
 NUC1: 13C
 P1: 7.80 usec
 PL: -1.00 dB
 SFO1: 100.5785700 MHz

==== CHANNEL f2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 P2: 135.00 usec
 PL2: 1.40 dB
 PL12: 1.40 dB
 PL13: 17.40 dB
 SFO2: 399.9516000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 100.5675080 MHz
 WDM: EM
 SSB: 0
 GB: 3.00 Hz
 PC: 1.40

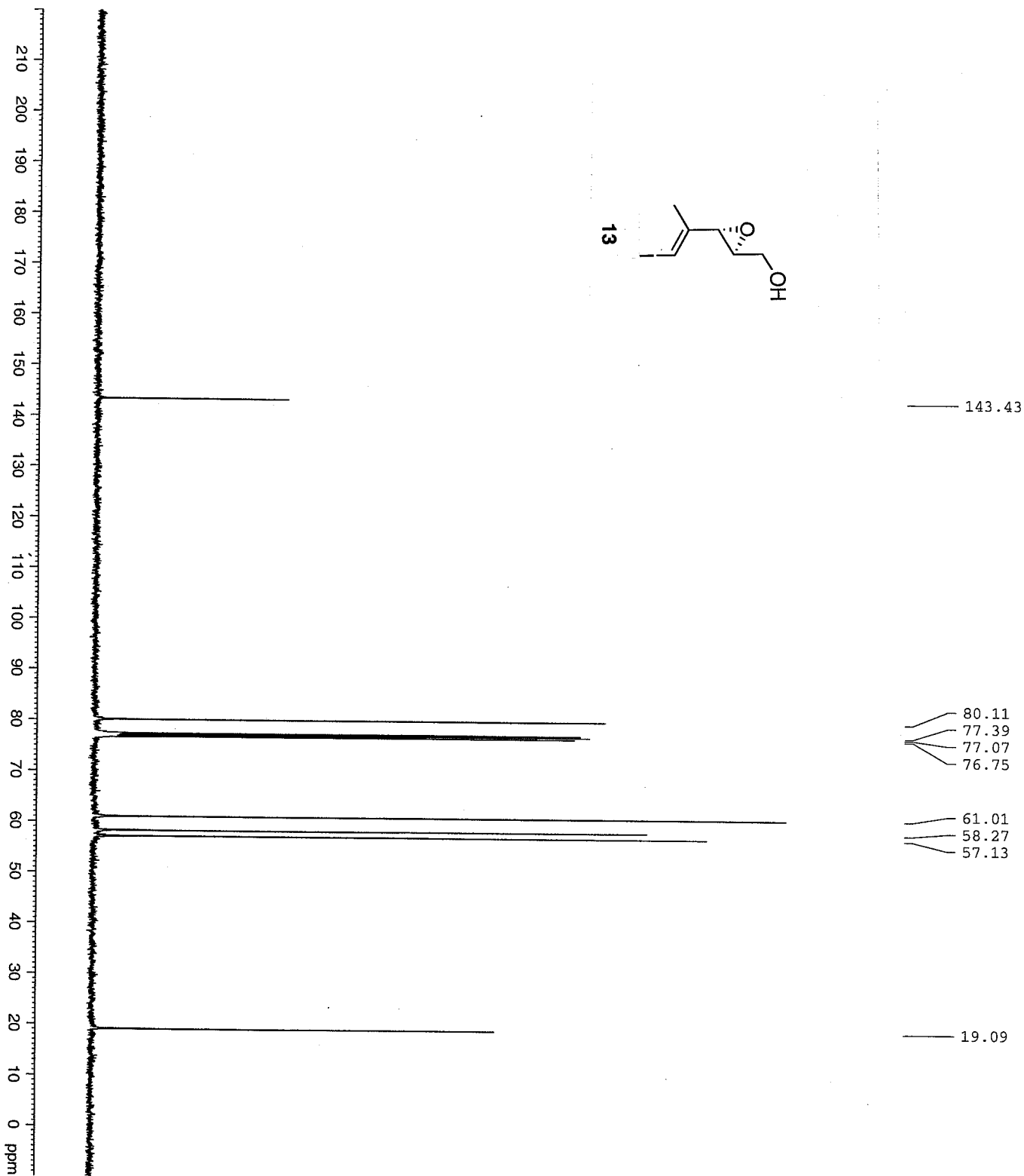
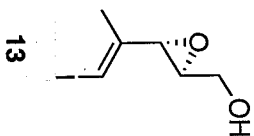
Epoxide

- 7.286
- 6.457
- 3.981
- 3.949
- 3.733
- 3.719
- 3.708
- 3.687
- 3.677
- 3.558
- 3.553
- 3.172
- 3.166
- 3.161
- 3.157
- 3.151
- 2.142
- 1.757
- 1.755



Current Data Parameters
 NAME SUN-1153-Epoxyde
 EXPNO 1
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20081022
 Time 0.42
 INSTRUM DPX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zg30
 TD 32768
 SOLVENT
 NS 32
 DS 2
 SMH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.5559540 sec
 RG 512
 DW 78.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 2.00000000 sec
 TD0 1
 ===== CHANNEL f1 =====
 NUC1 1H
 P1 14.70 usec
 PL 0.00 dB
 SFO1 399.9528000 MHz
 F2 - Processing parameters
 SI 32768
 SF 399.9500000 MHz
 WDW EM
 SSB 0
 LBB 0
 LB 0.70 Hz
 GB 0
 PC 1.00

Epoxide



Current Data Parameters
 NAME STM-1153-Epoxide
 EXPNO 3
 PROCNO 1
 DU /n
 USER subham

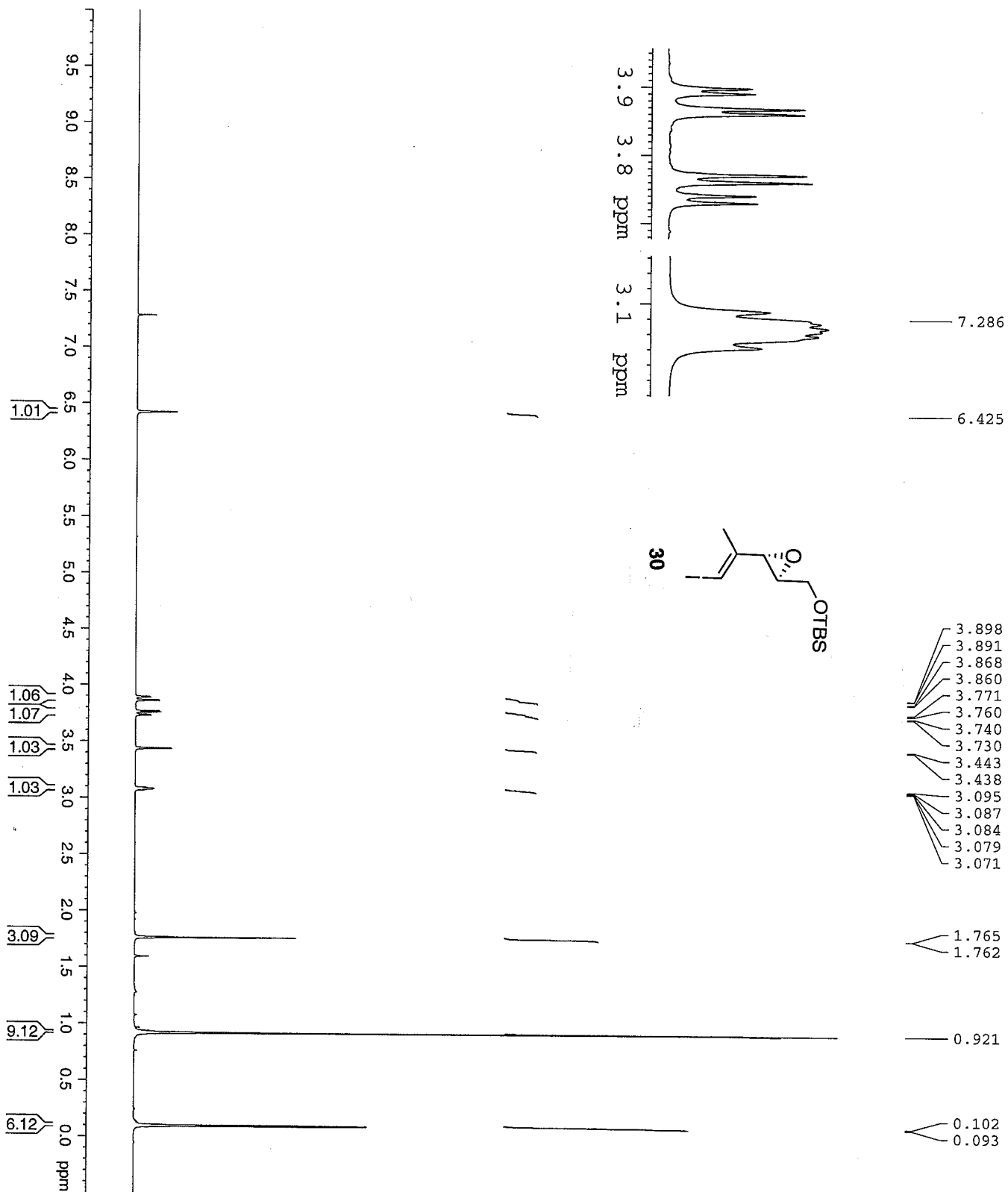
F2 - Acquisition Parameters
 Date_ 20081022
 Time 1.06
 INSTRUM DEX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT NS
 NS 1880
 DS 4
 SMH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DW 19.900 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TDU 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 usec
 PL1 -3.00 dB
 SFO1 100.5785700 MHz

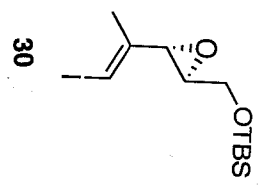
==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 135.00 usec
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

TBS-alcohol



Chemical Shift (ppm)	Integration
0.102	0.093
0.921	9.12
1.765	3.09
1.762	3.09
3.071	1.03
3.084	1.03
3.087	1.03
3.438	1.03
3.443	1.03
3.730	1.03
3.740	1.03
3.760	1.03
3.771	1.03
3.860	1.03
3.868	1.03
3.891	1.03
3.898	1.03



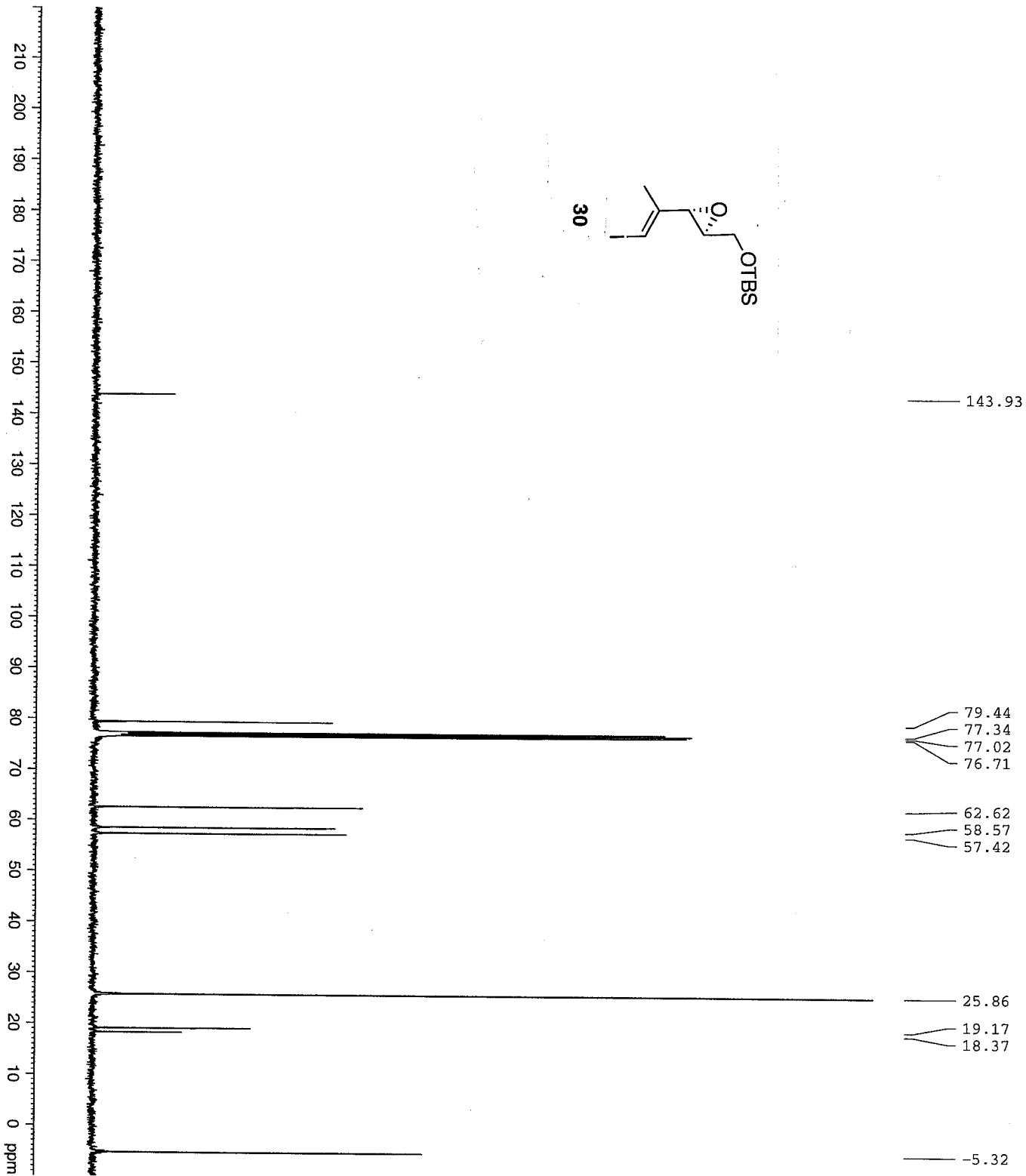
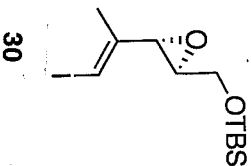
Current Data Parameters
 Name: SDM-1153-(TBS-alcohol)
 ExpNo: 2
 ProcNo: 1
 DU: /n
 User: subham

F2 - Acquisition Parameters
 Date_: 20081022
 Time: 22.53
 Instrum: DPX400
 Probid: 5 mm BBO BB-1H
 PULPROG: zg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 32
 DS: 2
 SWH: 6410.256 Hz
 FIDRES: 0.1195625 Hz
 AQ: 2.5559540 sec
 RG: 161.3
 DW: 78.000 usec
 DE: 6.00 usec
 TE: 298.2 K
 D1: 2.0000000 sec
 TDO: 1

===== CHANNEL f1 =====
 NUC1: 13C
 P1: 14.70 usec
 PL1: 0.70 dB
 SFO1: 399.9528000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 399.9500000 MHz
 WDW: EM
 SSB: 0
 LB: 0 Hz
 GB: 0
 PC: 1.00

TBS-alcohol



143.93

79.44
77.34
77.02
76.71

62.62
58.57
57.42

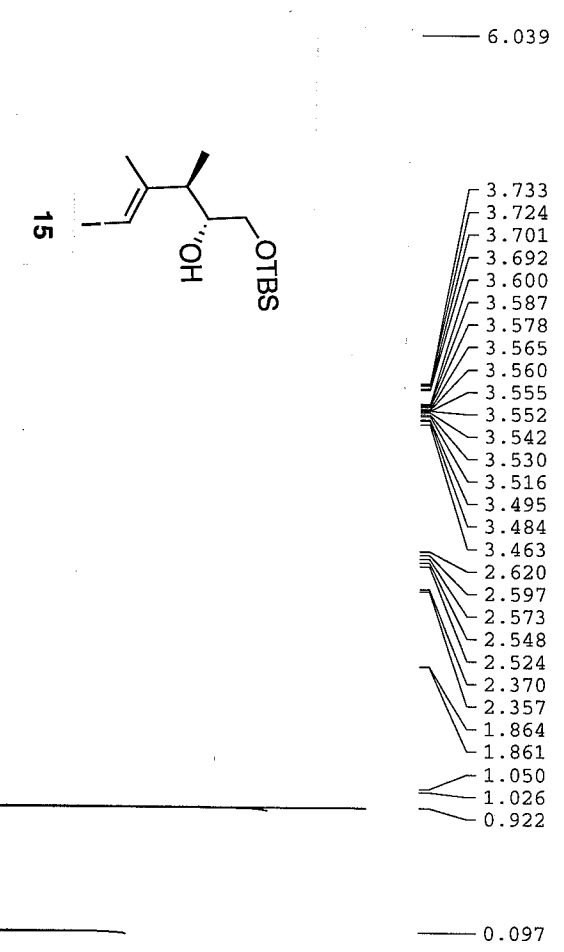
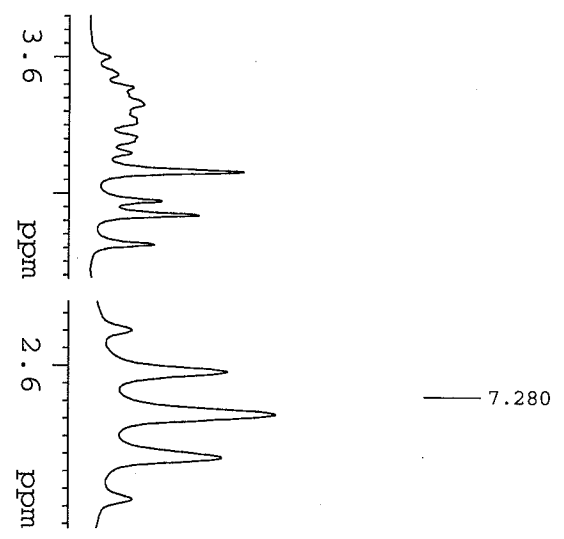
25.86
19.17
18.37

5.32

```

Current Data Parameters
NAME          SWH-II53-TBS-alcohol
EXPNO         4
PROCNO        1
DU             /n
USR           subham
F2 - Acquisition Parameters
Date_         20081022
Time          23:10
INSTRUM      DPK400
PROBHD       5 mm BBO BB-1H
PULPROG      zgpg30
TD            65536
SOLVENT      2450
NS            4
DS            25125.629 Hz
SMH           0.38387 Hz
FIDRES       1.3042164 sec
AQ           16384
RG           19.900 usec
DE           6.00 usec
TE           298.2 K
D1           0.1500001 sec
d11          0.0300000 sec
DELTA        0.0500000 sec
TD0          1
===== CHANNEL f1 =====
NUC1          13C
P1            7.80 usec
PL1          -3.00 dB
SFO1         100.5785700 MHz
===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          135.0H
P2            135.0H usec
PL2          17.40 dB
PL12         17.40 dB
PL13         17.40 dB
SFO2         399.9516000 MHz
F2 - Processing parameters
SI            32768
SF           100.5675080 MHz
WDW           EM
SSB           0
LB            3.00 Hz
GB            0
PC            1.40
  
```


Epoxide opening



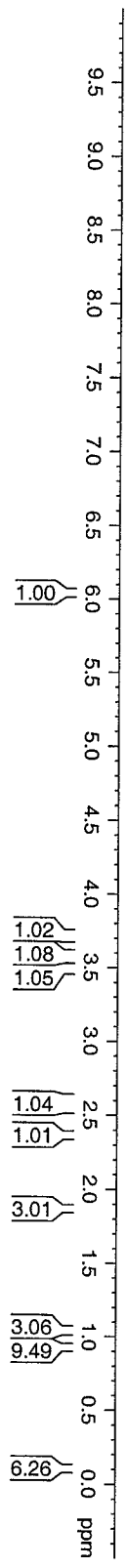
Chemical Shift (ppm)
3.733
3.724
3.701
3.692
3.600
3.587
3.578
3.565
3.555
3.542
3.530
3.516
3.495
3.484
3.463
2.620
2.597
2.573
2.548
2.524
2.370
2.357
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1.861
1.050
1.026
0.922

```

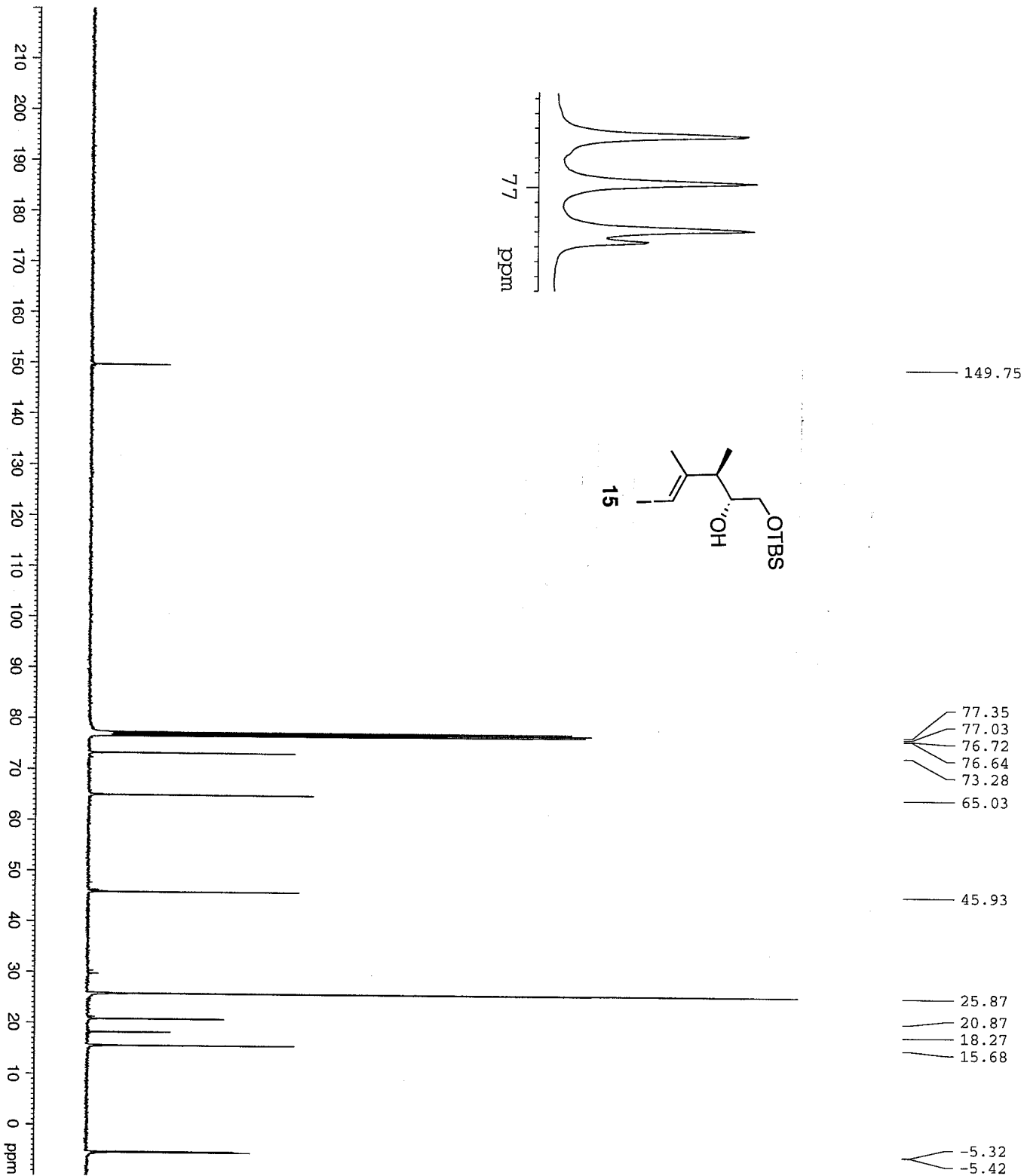
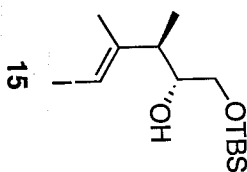
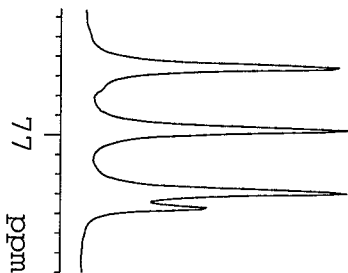
Current Data Parameters
NAME      SUW-II-56-Epoxide opening
EXRNO    3
PROCNO   1
PU       /n
USER     subhan

F2 - Acquisition Parameters
Date_    20081028
Time     22.51
INSTRUM  DEX300
PROBHD   5 mm QNP
PULPROG  zgpg30
TD       32768
SOLVENT  CDCl3
NS       32
DS       2
SWH      4789.972 Hz
FIDRES   0.146151 Hz
AQ       3.4210291 sec
RG       322.5
DE       104.400 usec
TE       298.2 K
TD0      2.00000000 sec
===== CHANNEL F1 =====
NUC1     1H
P1       9.00 usec
PL1      -3.00 dB
SFO1     300.1321093 MHz

F2 - Processing parameters
SI       32768
SF       300.1300000 MHz
WDW      EM
SSB      0
LB       0.30 Hz
GB       0
PC       1.00
  
```



Epoxide Opening



- 149.75
- 77.35
- 77.03
- 76.72
- 76.64
- 73.28
- 65.03
- 45.93
- 25.87
- 20.87
- 18.27
- 15.68
- 5.32
- 5.42

```

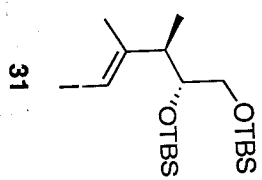
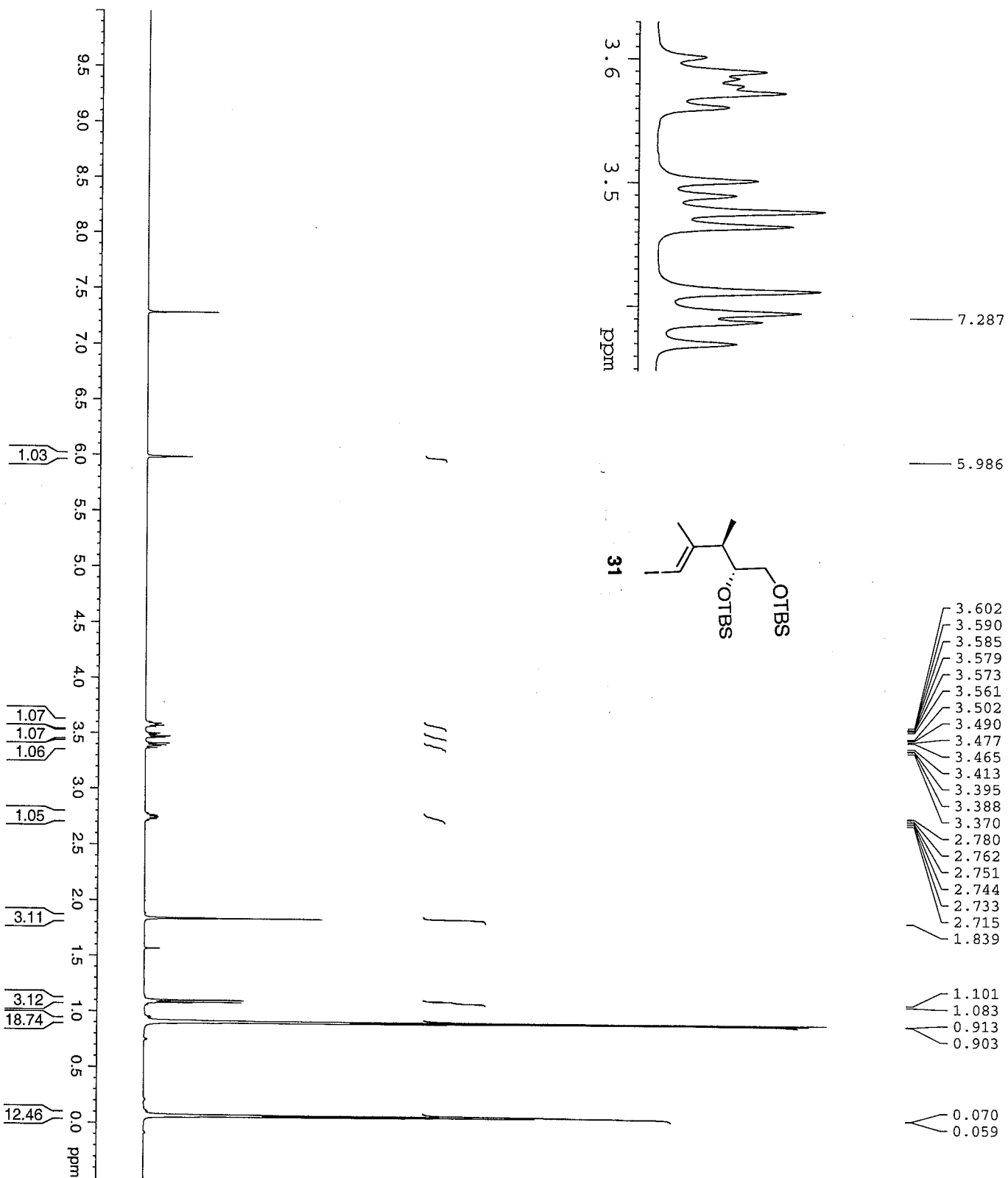
Current Data Parameters
=====
EXPNO 4
PROCNO 1
DU 1
USER /n
SUBNAM subnam
F2 - Acquisition Parameters
Date_ 20090404
Time 23:44
INSTRUM DRX400
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 65536
SFO1 500
SFO2 399.9516000 MHz
DS 4
SWH 25125.625 Hz
FIDRES 0.383387 Hz
AQ 1.3042164 sec
RG 6280
DE 15.200 usec
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DETRN 0.05000000 sec
L20 1

===== CHANNEL f1 =====
NUC1 13C
P1 7.80 usec
PL1 -3.00 dB
SFO1 100.5785700 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 135.00 usec
PL2 17.40 dB
PL12 17.40 dB
PL13 17.40 dB
SFO2 399.9516000 MHz

F2 - Processing parameters
SI 32768
SF 100.5675000 MHz
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40
  
```

di-TBS ether



- 3.602
- 3.590
- 3.585
- 3.579
- 3.573
- 3.561
- 3.502
- 3.490
- 3.477
- 3.465
- 3.413
- 3.395
- 3.388
- 3.370
- 2.780
- 2.762
- 2.751
- 2.744
- 2.733
- 2.715
- 1.839
- 1.101
- 1.083
- 0.913
- 0.903
- 0.070
- 0.059

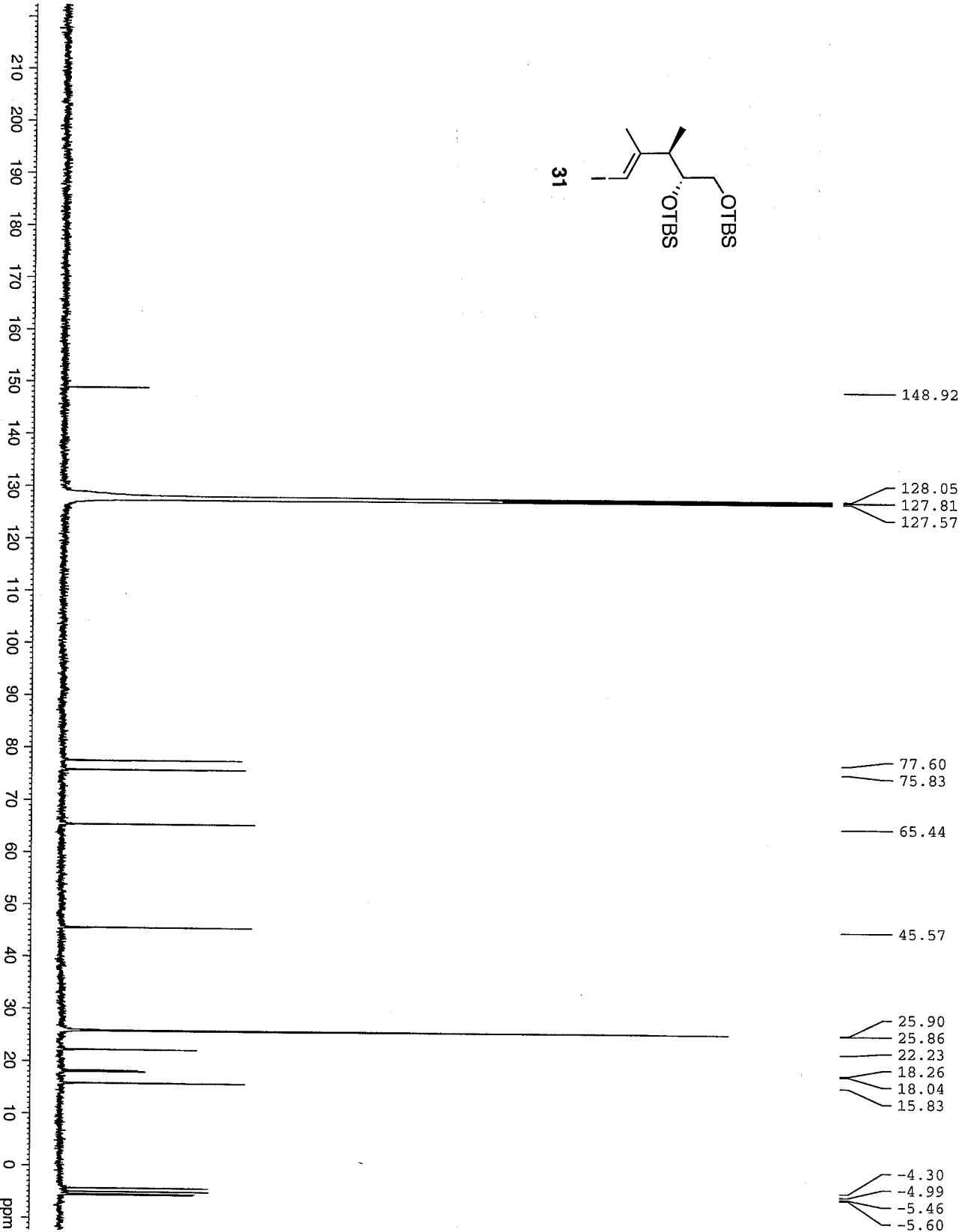
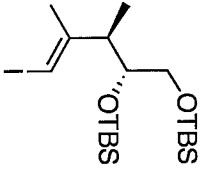
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 Rf: 2
 P: 1
 DI: 1
 USER: subham

F2 - Acquisition Parameters
 Date_: 20081130
 Time: 12.16
 INSTRUM: DFX400
 PROHD: 5 mm BBO BB-1H
 PULPROG: zg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 32
 DS: 2
 SMH: 6410.256 Hz
 FIDRES: 0.135625 Hz
 AQ: 2.5559540 sec
 RG: 203.2
 DW: 78.000 usec
 DE: 6.00 usec
 TE: 296.2 K
 D1: 2.00000000 sec
 TDO: 1

===== CHANNEL f1 =====
 NUC1: 1H
 P1: 14.70 usec
 PL1: 0.70 dB
 SFO1: 399.9528000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 399.9500000 MHz
 WDW: EM
 SSB: 0
 LB: 0.70 Hz
 GB: 0
 PC: 1.00

di-TBS ether



```

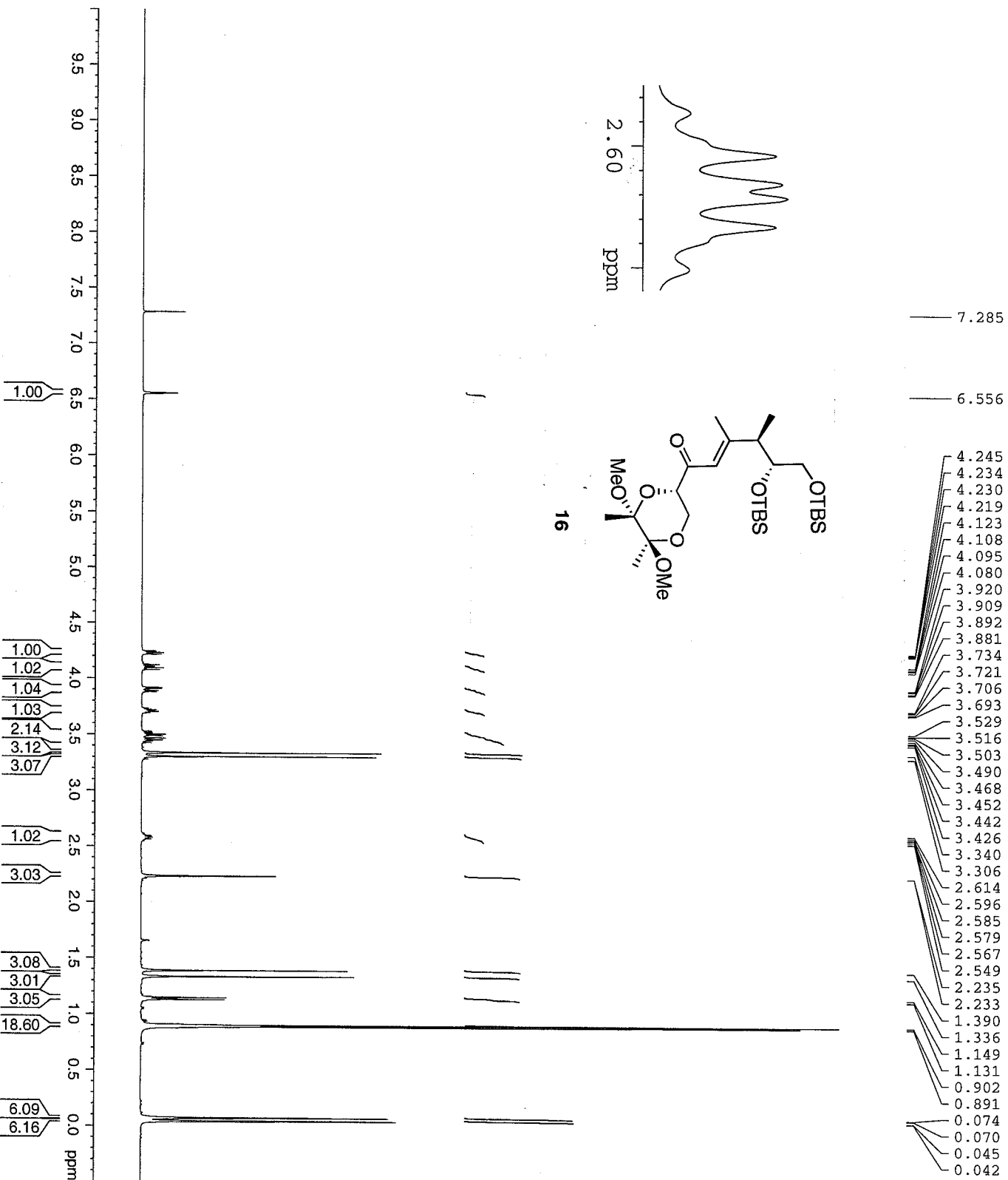
Current Data Parameters
NAME      SUM-TI-74-di-TBS et
EXPNO    3
PROCNO   1
DI       1/n
USBR     subham

F2 - Acquisition Parameters
Date_    20081120
Time     12.33
INSTRUM  DPX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  C6D6
NS       4667
DS       4
SWH      25125.629 Hz
FIDRES   0.38387 Hz
AQ       1.3042164 sec
RG       16384
DE       19.900 usec
TE       297.2 K
D1       0.15000001 sec
d11      0.03000000 sec
DELTA    0.05000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1      13C
P1       7.80 usec
PL1      -3.00 dB
SFO1     100.5785700 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2      1H
PCPD2    135.00 usec
PI2      17.40 dB
PI12     17.40 dB
PI13     17.40 dB
SFO2     399.9516000 MHz

F2 - Processing parameters
SI       32768
SF       100.5675080 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40
  
```



Chemical Shift (ppm)
4.245
4.234
4.230
4.219
4.123
4.108
4.095
4.080
3.920
3.909
3.892
3.881
3.734
3.721
3.706
3.693
3.529
3.516
3.503
3.490
3.468
3.452
3.442
3.426
3.340
3.306
2.614
2.596
2.585
2.579
2.567
2.549
2.235
2.233
1.390
1.336
1.149
1.131
0.902
0.891
0.074
0.070
0.045
0.042

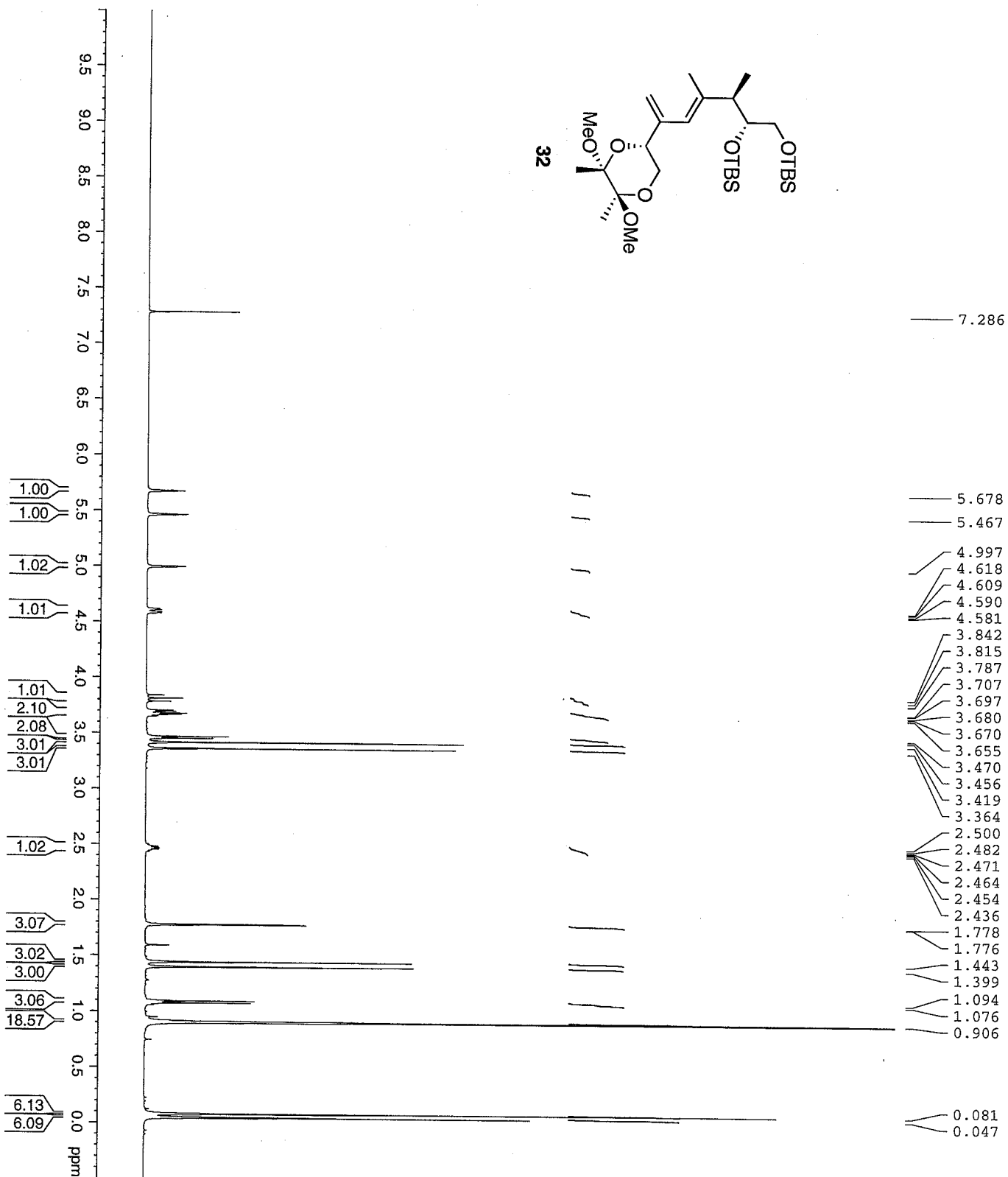
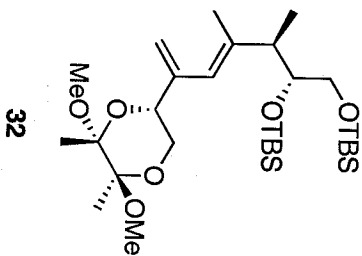
Integration
1.00
1.02
1.04
1.03
2.14
3.12
3.07
1.02
3.03
3.08
3.01
3.05
18.60
6.09
6.16

```

Current Data Parameters
NAME      SUH-111-16-Enone
EXPNO    4
PROCNO   1
USER     subham
Date_    20090211
Time     22.16
INSTRUM  DPK400
PROBHD   5 mm BBO BB-1H
PULPROG  zg30
TD        32768
SOLVENT  CDCl3
NS        32
DS        2
SWH       6410.256 Hz
FIDRES    0.195625 Hz
AQ        2.5559540 sec
RG        114
DM        78.000 usec
DE        6.00 usec
TE        298.2 K
D1        2.00000000 sec
TD0       1

===== CHANNEL f1 =====
NUC1      1H
P1        14.70 usec
PL1       0.00 dB
SFO1     399.9528000 MHz

F2 - Processing parameters
SI        32768
SF        399.9500000 MHz
WDW       EM
SSB       0
LB        0.70 Hz
GB        0
PC        1.00
    
```

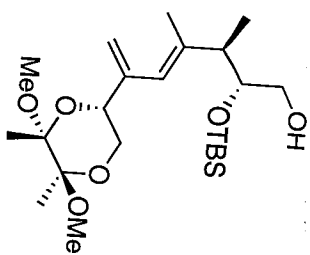
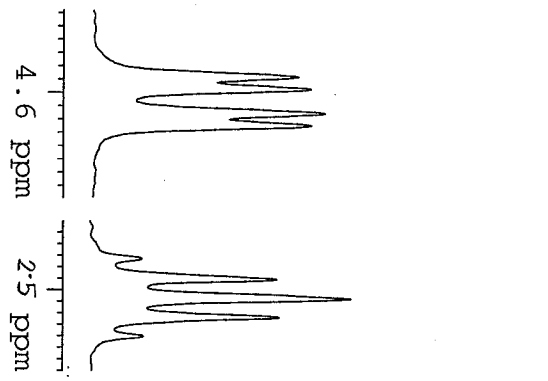
Current Data Parameters
 NAME SUM-III-17-Diene
 EXPNO 1
 PROCNO 1
 DU /n
 USER subham

F2 - Acquisition Parameters
 Date_ 20090212
 Time 17.57
 INSTRUM DPX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.5559540 sec
 RG 161.3
 DW 78.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 2.00000000 sec
 TD0 1

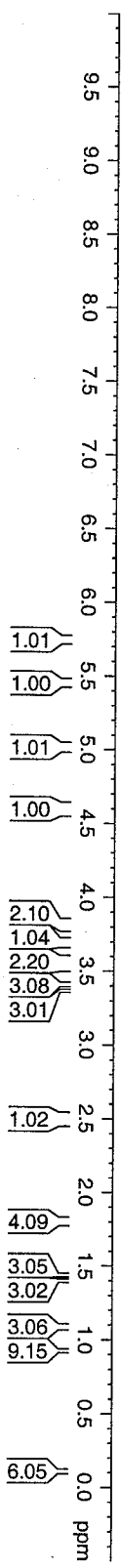
==== CHANNEL f1 =====
 NUC1 1H
 P1 14.70 usec
 PL 0.00 dB
 SF01 399.9528000 MHz

F2 - Processing parameters
 SI 32768
 SF 399.9500000 MHz
 WDW EM
 SSB 0
 LB 0.70 Hz
 GB 0
 PC 1.00

mono TBS diol



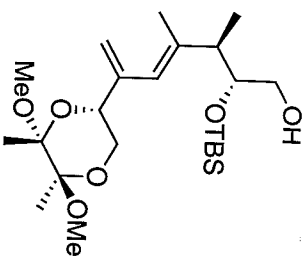
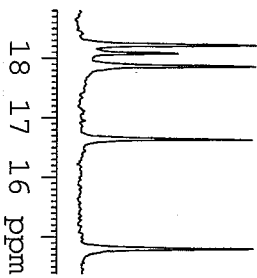
17



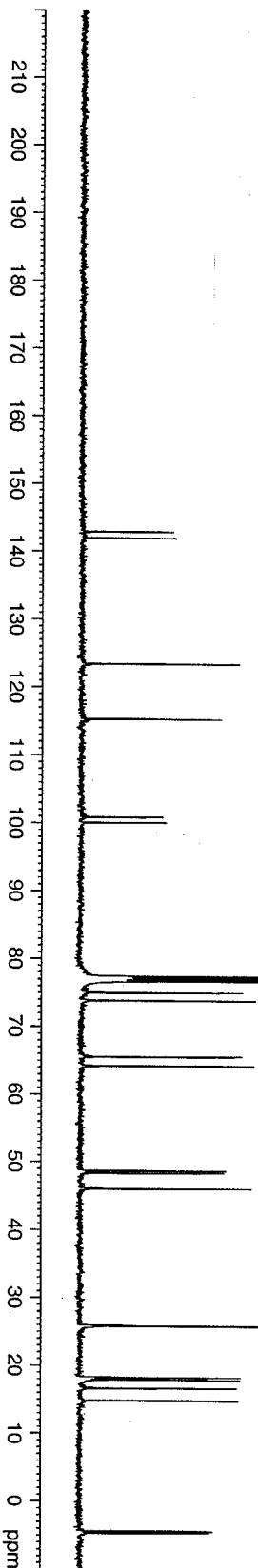
- 7.286
- 5.745
- 5.448
- 5.015
- 4.613
- 4.603
- 4.585
- 4.576
- 3.841
- 3.813
- 3.802
- 3.787
- 3.776
- 3.709
- 3.699
- 3.681
- 3.672
- 3.595
- 3.583
- 3.579
- 3.567
- 3.555
- 3.551
- 3.541
- 3.530
- 3.516
- 3.501
- 3.408
- 3.364
- 2.527
- 2.510
- 2.494
- 2.477
- 2.460
- 1.819
- 1.804
- 1.791
- 1.788
- 1.435
- 1.396
- 1.093
- 1.075
- 0.921
- 0.111
- 0.098

Current Data Parameters
 NAME: SUH-III-83-mono TBS diol
 PROCNO: 1
 F2 - Acquisition Parameters
 Date_: 20090605
 Time: 11:40:01
 INSTRUM: DPX400
 PROBRD: 5 mm BBO BB-1H
 PULPROG: zg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 32
 DS: 2
 SWH: 6410.212 Hz
 FIDRES: 0.195625 Hz
 AQ: 2.5559540 sec
 RG: 203.2
 DE: 78.000 usec
 TE: 298.2 K
 D1: 2.00000000 sec
 TDO: 1
 CHANNEL F1: =====
 NUC1: 1H
 P1: 14.70 usec
 PL1: 0.00 dB
 SFO1: 399.9528000 MHz
 F2 - Processing parameters
 SI: 399.9500000 MHz
 SF: 32768
 WDW: EM
 SSB: 0
 LB: 0.70 Hz
 GB: 0
 PC: 1.00

mono TBS diol



17



142.88
141.95
123.41
115.27
100.86
100.06
77.34
77.02
76.70
75.00
73.82
65.56
64.20
48.68
48.35
46.05
25.85
18.24
18.09
17.88
16.65
14.82
4.39
4.66

```

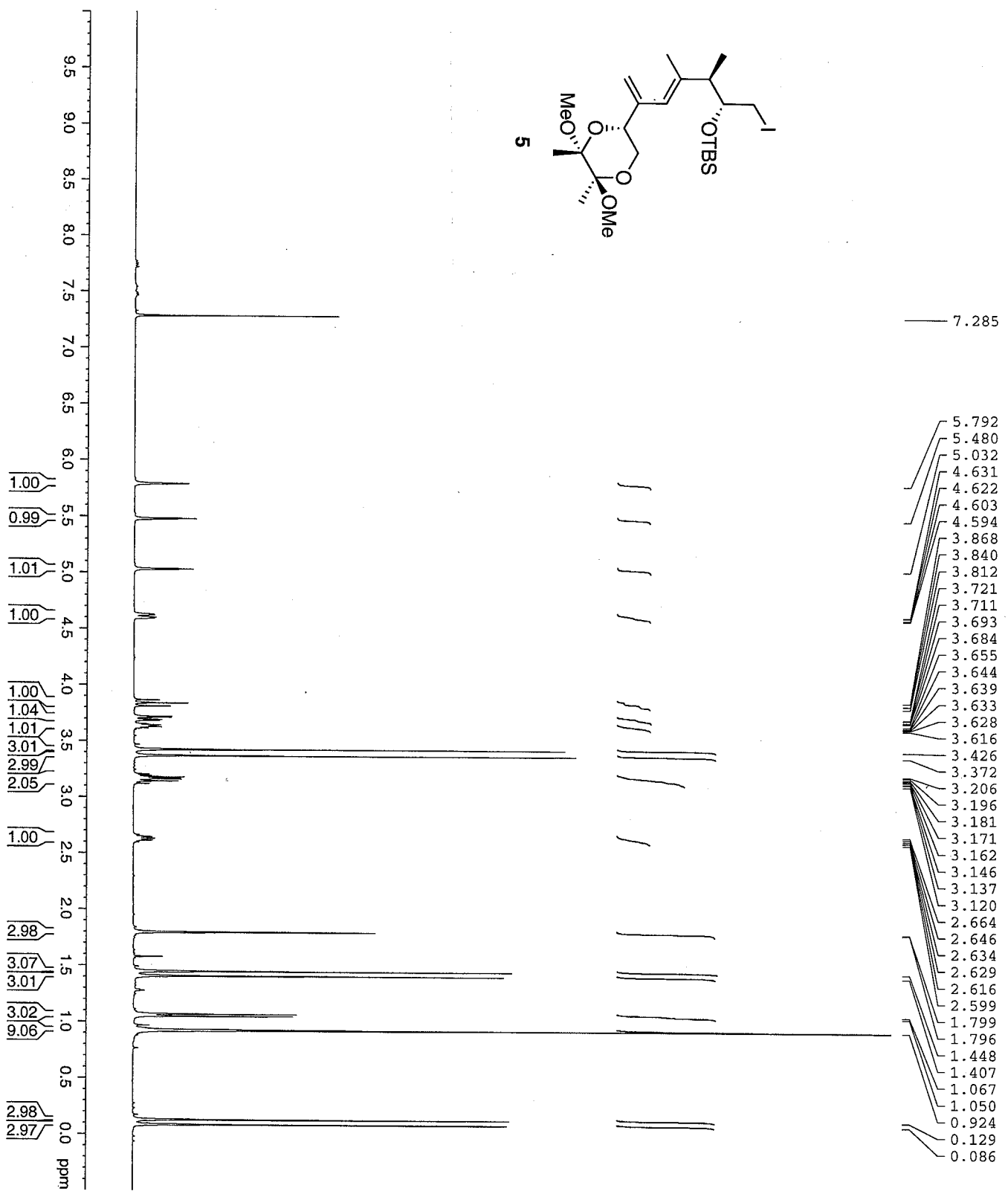
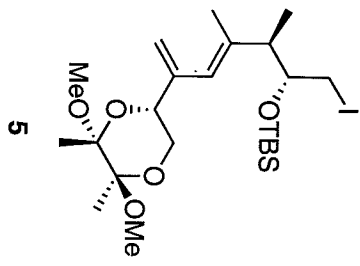
Current Data Parameters
NAME      SVM-III-83-mono TBS d
EXPNO    2
PROCNO   1
DU       /n
USER     subham

F2 - Acquisition Parameters
Date_    20090606
Time     4.05
INSTRUM  DPK400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  12741
DS       4
SMH      25125.629 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 sec
RG       16384
DE       19.900 usec
TE       299.2 K
D1       0.15000001 sec
d11      0.03000000 sec
DELTA    0.05000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1     13C
P1       7.80 usec
PL1      -3.00 dB
SFO1     100.5785700 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2     1H
P2       135.00 usec
PL2      0.00 dB
PL12     17.40 dB
PL13     17.40 dB
SFO2     399.9516000 MHz

F2 - Processing parameters
SI       32768
SF       100.5675080 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40
  
```



5.792
5.480
5.032
4.631
4.622
4.603
4.594
3.868
3.840
3.812
3.721
3.711
3.693
3.684
3.655
3.644
3.639
3.633
3.628
3.616
3.426
3.372
3.206
3.196
3.181
3.171
3.162
3.146
3.137
3.120
2.664
2.646
2.634
2.629
2.616
2.599
1.799
1.796
1.448
1.407
1.067
1.050
0.924
0.129
0.086

1.00
0.99
1.01
1.00
1.00
1.04
1.01
3.01
2.99
2.05
1.00
2.98
3.07
3.01
3.02
9.06
2.98
2.97

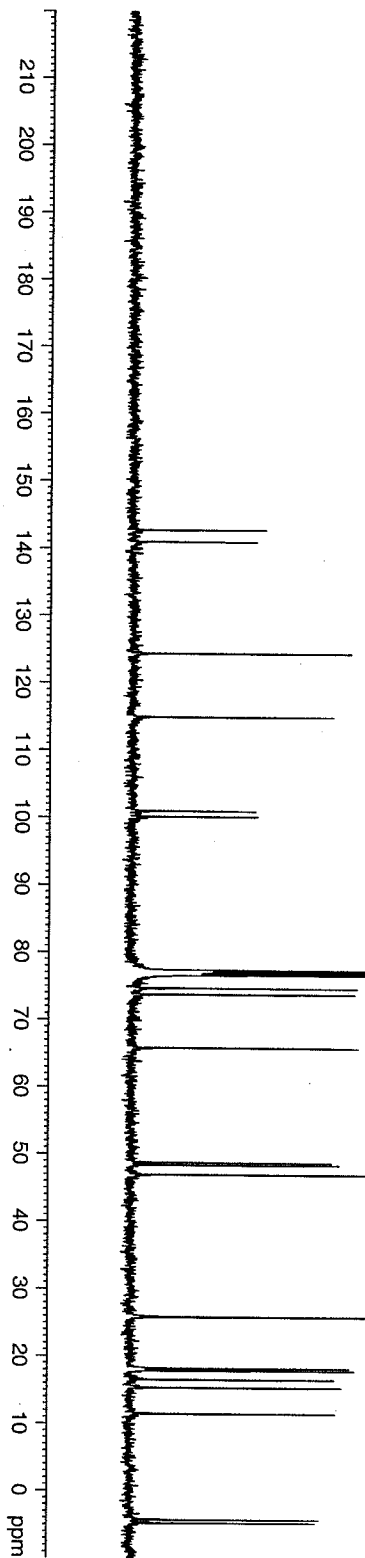
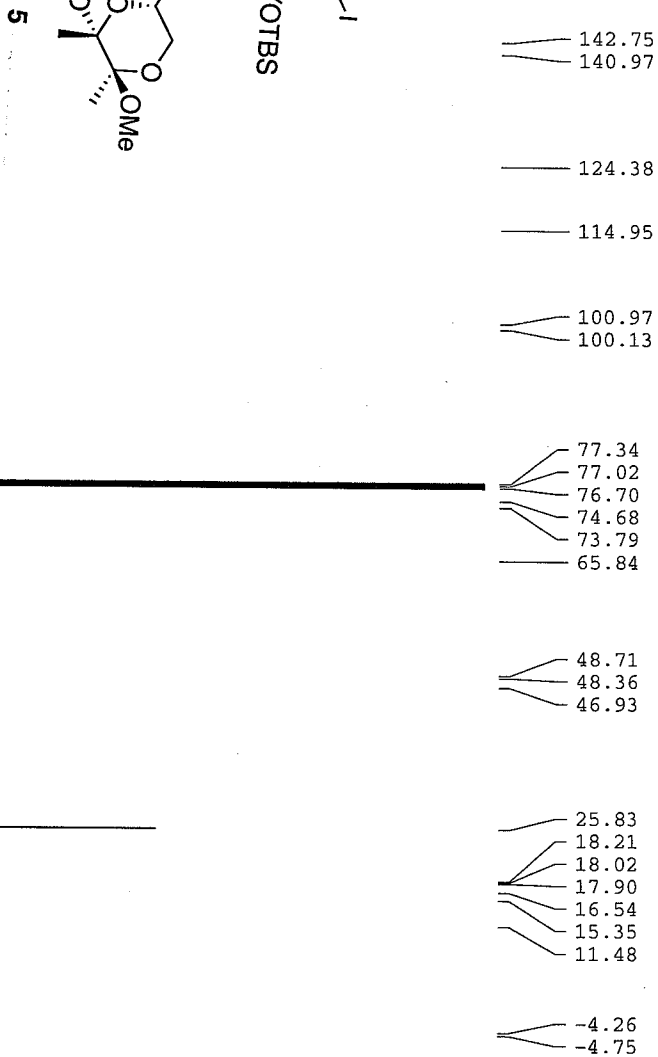
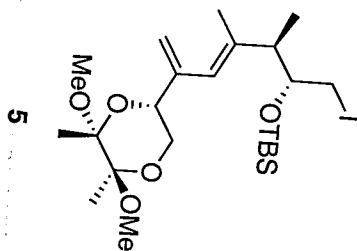
Current Data Parameters
 Name: SUM-111-74-Iodide
 ExpNo: 5
 ProcNo: 1
 DU: /n
 User: subham

F2 - Acquisition Parameters
 Date_: 20090526
 Time: 15.04
 Instrum: DPK400
 Probnm: 5 mm BBO BB-1H
 PULPROG: zg30
 TD: 32768
 SOLVENT: CDCl3
 NS: 32
 DS: 2
 SWH: 6410.256 Hz
 FIDRES: 0.195625 Hz
 AQ: 2.5559540 sec
 RG: 203.2
 DW: 78.000 usec
 DR: 6.00 usec
 TR: 298.2 K
 D1: 2.00000000 sec
 TDO: 1

==== CHANNEL f1 =====
 NUC1: 1H
 P1: 14.70 usec
 PL: 0.00 dB
 SF01: 399.9528000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 399.9500000 MHz
 WDW: EM
 SSB: 0
 LB: 0.70 Hz
 GB: 0
 PC: 1.00

Iodide



Current Data Parameters
 NAME SUM-III-85-Iodide
 EXPNO 4
 PROCNO 1
 DU /n
 USER subham

F2 - Acquisition Parameters
 Date_ 20090615
 Time 17:47
 INSTRUM DPX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT NS
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DW 15.990 usec
 DE 6.00 usec
 TR 299.2 K
 DI 0.1500001 sec
 d11 0.0300000 sec
 DELTA 0.0500000 sec
 TDO 1

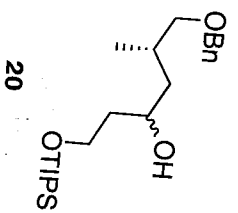
==== CHANNEL F1 =====
 NUCL 13C
 P1 7.80 usec
 PL1 -3.00 dB
 SFO1 100.5785700 MHz

==== CHANNEL F2 =====
 CPDPRG2 waltz16
 NUCL 1H
 PCPD2 135.00 usec
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Alcohol

7.364
7.353
7.315
7.306
7.293
7.285
4.538
4.531
4.018
4.006
3.994
3.981
3.969
3.947
3.936
3.926
3.915
3.901
3.890
3.731
3.725
3.666
3.659
3.402
3.395
3.380
3.362
3.346
3.338
3.323
2.087
2.070
2.053
2.027
2.010
1.745
1.733
1.724
1.711
1.699
1.685
1.674
1.665
1.653
1.643
1.631
1.618
1.608
1.595
1.550
1.537
1.532
1.485
1.466
1.460
1.333
1.325
1.313
1.304
1.299
1.290
1.270
1.186
1.175
1.165
1.150
1.144
1.129
1.117
1.100
1.087
1.074
1.013
0.996



4.03
1.57

2.00

3.04
0.65
0.40

2.05

1.03

4.01

0.99
21.82
3.05

Current Data Parameters
 Name: SDM-III-60-Alc
 Expno: 3
 Procno: 1
 DU: /n
 User: subham

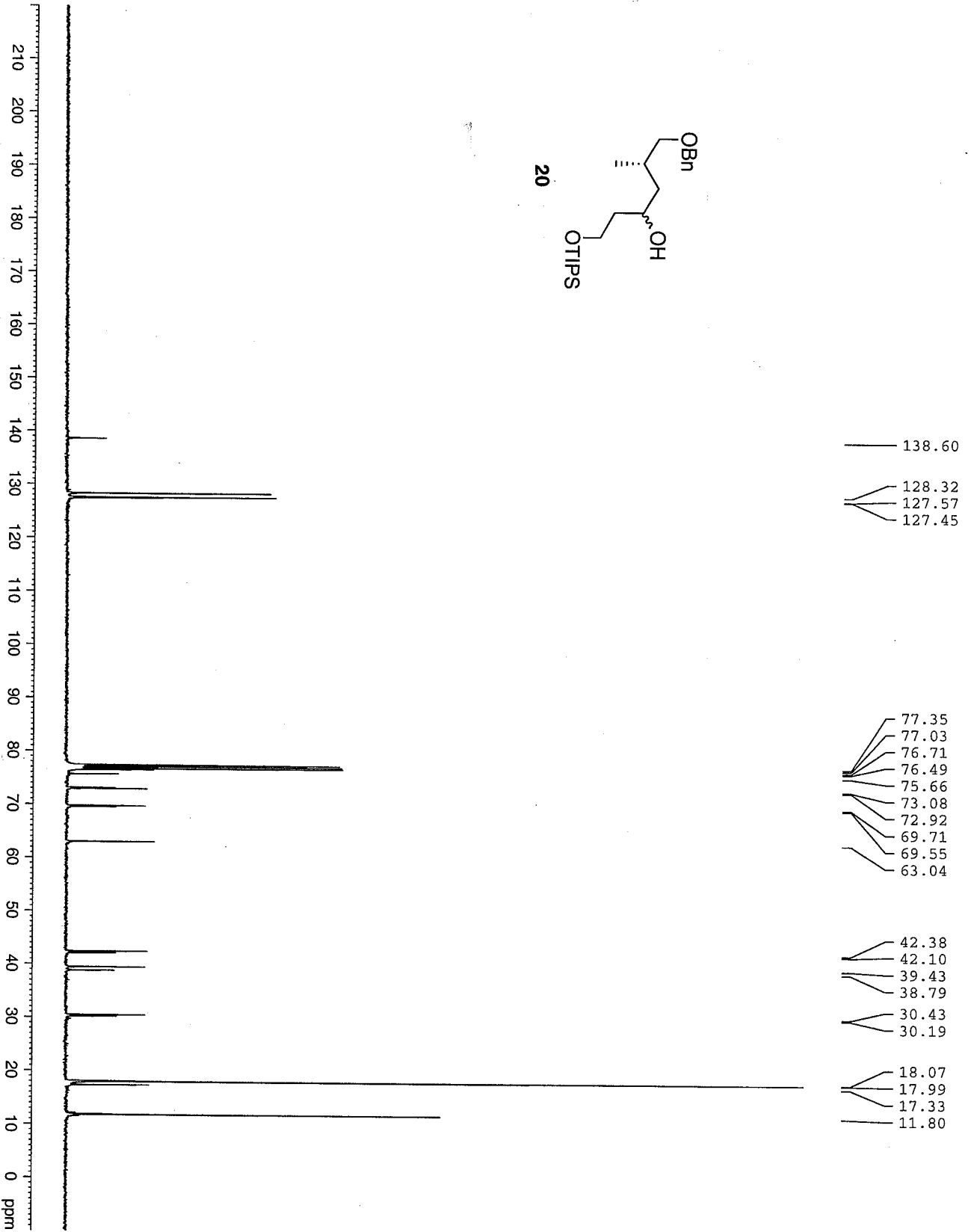
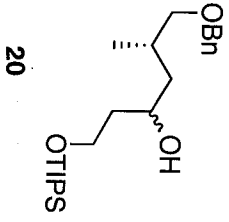
F2 - Acquisition Parameters
 Date_: 20090616
 Time: 16.01
 Instrum: DPX400
 Probhd: 5 mm BBO BB-1H
 Pulprog: zg30
 TD: 32768
 Solvent: CDCl3
 NS: 32
 DS: 2
 SMH: 6410.256
 FIDRES: 0.195625
 AQ: 2.5559540
 RG: 101.6
 DW: 78.000
 DE: 6.00
 TE: 299.2
 D1: 2.0000000
 TDO: 1

==== CHANNEL f1 ===
 NUC1: 1H
 P1: 14.70
 PL1: 0.00
 SFO1: 399.9528000

F2 - Processing Parameters
 SI: 32768
 SF: 399.9500000
 WDW: EM
 SSB: 0
 LB: 0.70
 GB: 0
 PC: 0

21.82
3.05

Alcohol



Current Data Parameters
 SUM-III-60-Alcch

NAME	EXPNO	PROCNO	DV	USER	subham
NAME	4	1	/n		

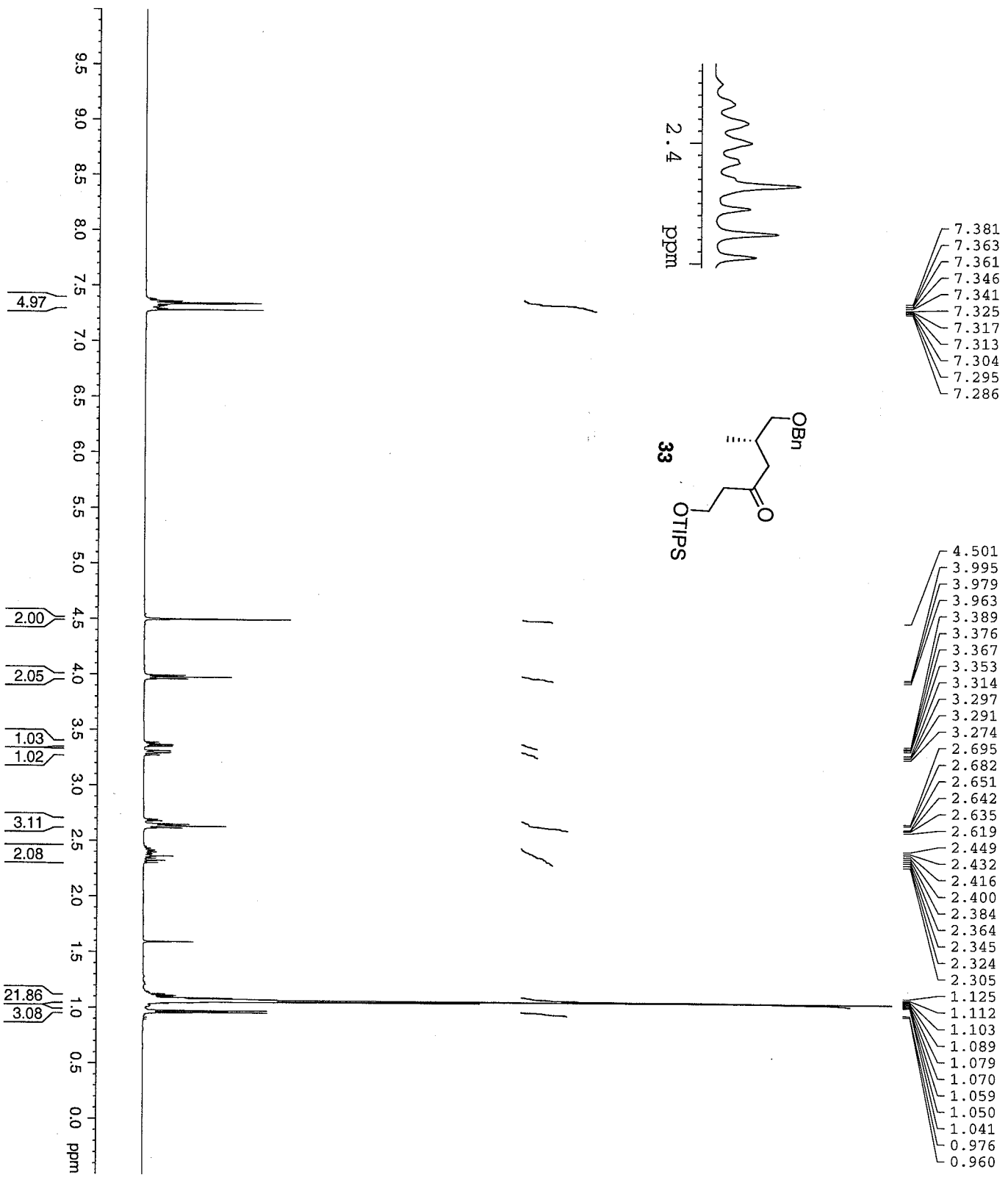
F2 - Acquisition Parameters
 Date_ 20090616
 Time 18.35
 INSTRUM DPX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 6000
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 s
 RG 16384
 DW 19.900 us
 DE 6.00 us
 TE 299.2 K
 D1 0.15000001 s
 d11 0.03000000 s
 DELTA 0.05000000 s
 TD0 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 us
 PL1 -3.80 dB
 SFO1 100.5785780 MHz

==== CHANNEL f2 =====
 CPDPRG2 waitz216
 NUC2 1H
 PCPD2 135.00 us
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz

F2 - Processing Parameters:
 SI 32768
 SF 100.5675080 MHz
 MDM EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Ketone



```

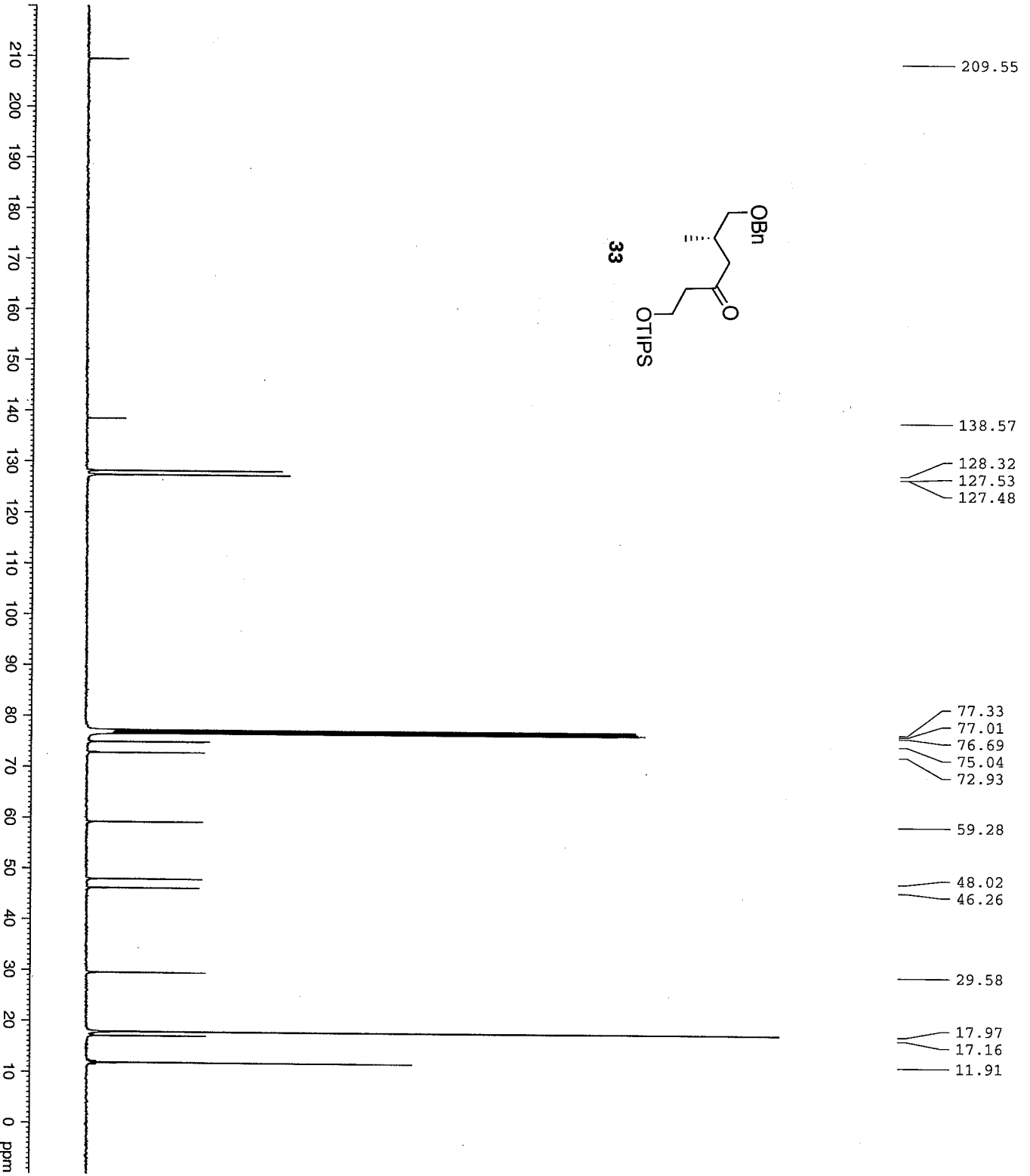
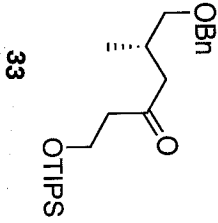
Current Data Parameters
NAME      SUM-III-61-Ketone
EXPNO    4
PROCNO   1
DU       /n
USER     subham

F2 - Acquisition Parameters
Date_    20090601
Time     22.09
INSTRUM  DPX400
PROBHD   5 mm BBO BB-1H
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
NS       32
DS       2
SWH      6410.256 Hz
FIDRES   0.195625 Hz
AQ       2.5559540 sec
RG       203.2
DM       78.000 usec
DE       6.00 usec
TE       302.2 K
D1       2.00000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1     1H
P1       14.70 usec
PL1      0.00 dB
SFO1     399.9528000 MHz

F2 - Processing parameters
SI       32768
SF       399.9500000 MHz
WDW      EM
SSB      0
LB       0.70 Hz
GB       0
PC       1.00
  
```

Ketone



Current Data Parameters
 NAME SWH-III-61-Ketone
 EXPNO 7
 PROCNO 1
 DU /h
 USER subham

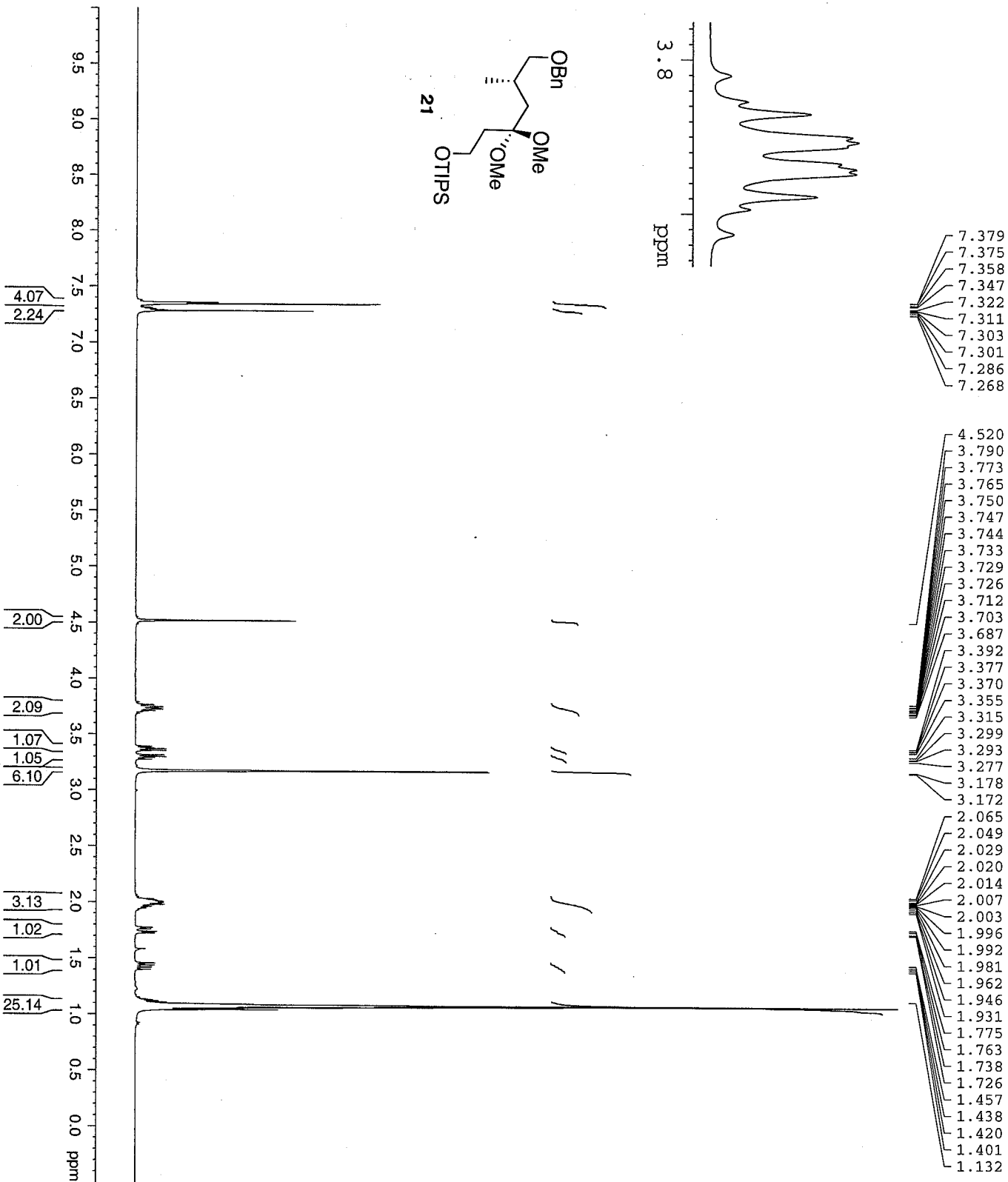
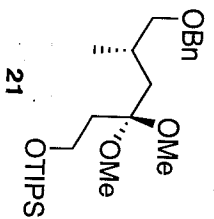
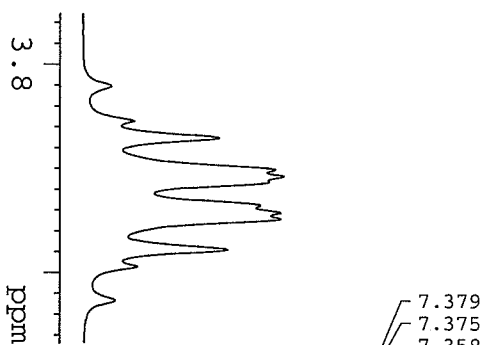
F2 - Acquisition Parameters
 Date_ 20090601
 Time 22 32
 INSTRUM DFX400
 PROBD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT NS
 NS 24413
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DW 19.900 usec
 DE 6.000 usec
 TE 302.2 K
 D1 0.1500001 sec
 D11 0.0300000 sec
 DELTA 0.0500000 sec
 TDO 1

==== CHANNEL F1 =====
 NUC1 13C
 P1 7.80 usec
 PL1 -3.00 dB
 SF01 100.5785700 MHz

==== CHANNEL F2 =====
 CPDPRG2 waitz16
 NUC2 1H
 PCPD2 135.00 usec
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SF02 399.9516000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Ketal



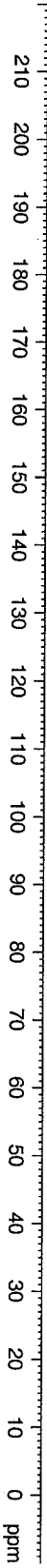
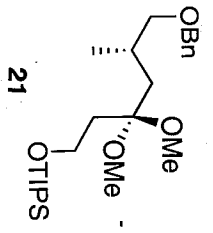
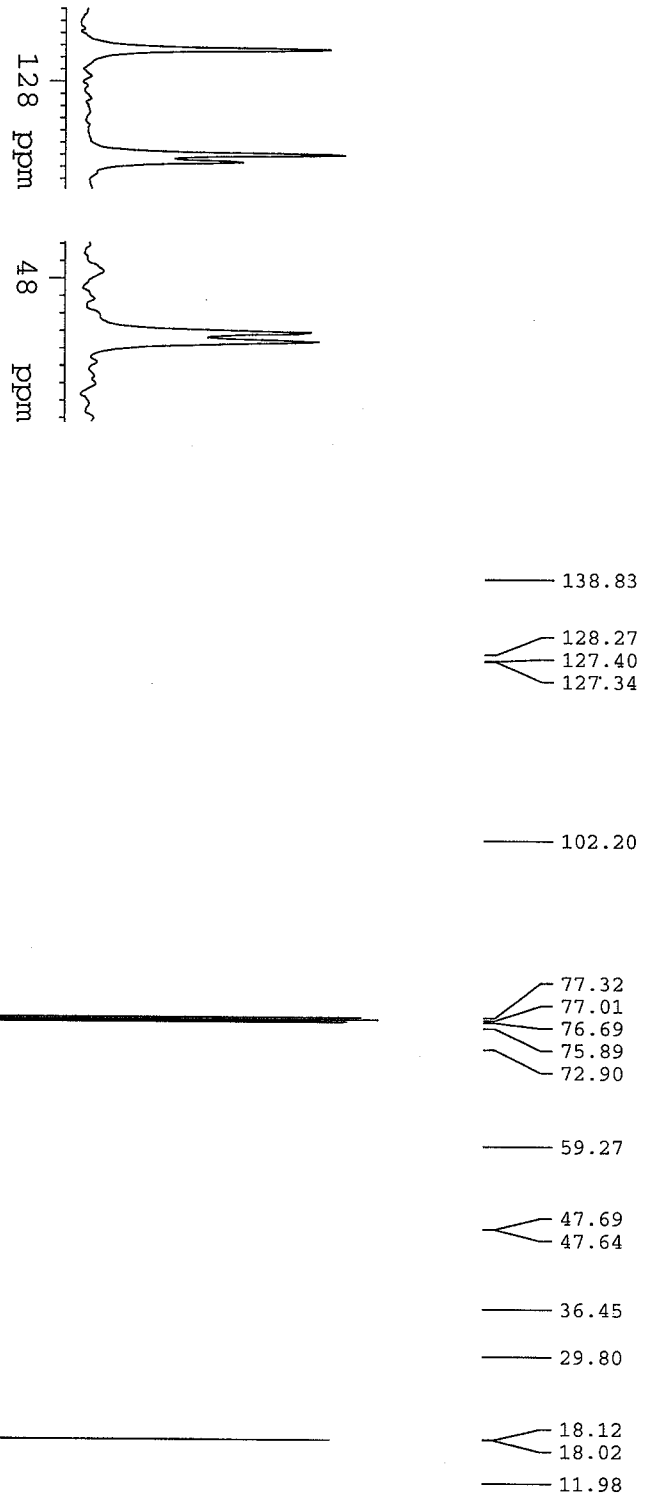
Current Data Parameters
 Name SUM-111-79-Ketal
 ExpNO 2
 ProcNO 1
 DU /n
 User subham

F2 - Acquisition Parameters
 Date_ 20090602
 Time 15.24
 INSTRUM DPX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.5559540 sec
 RG 203.2
 DW 78.000 usec
 DE 6.00 usec
 TE 301.2 K
 D1 1
 DDO 2.000000000 sec

==== CHANNEL f1 =====
 NUC1 1H
 P1 14.70 usec
 PL1 0.00 dB
 SFO1 399.9528000 MHz

F2 - Processing parameters
 SF 399.9500000 MHz
 SH 32768
 WDW EM
 SSB 0
 LB 0.70 Hz
 GB 0
 PC 1.00

Ketal



Current Data Parameters
 NAME: SUM-111-79-Ketal
 EXPNO: 4
 PROCNO: 1
 DU: /h
 USER: subham

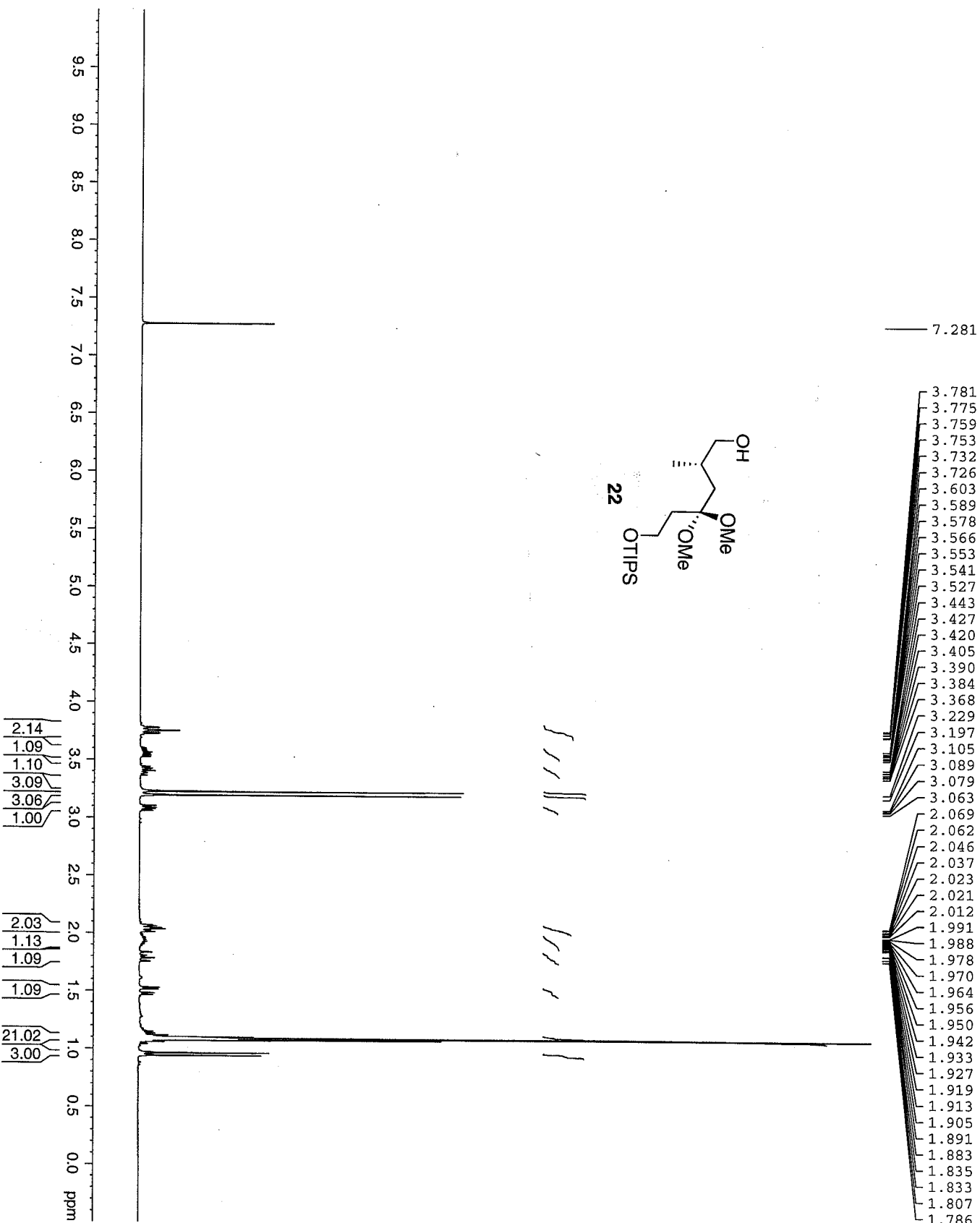
F2 - Acquisition Parameters
 Date_: 20090602
 Time: 15.42
 INSTRUM: DPX400
 PROBHD: 5 mm BBO BB-1H
 PULPROG: zgpg30
 TD: 65536
 SOLVENT: NS
 DS: 4
 SWH: 25125.629 Hz
 FIDRES: 0.383387 Hz
 AQ: 1.3042164 s
 RG: 16384
 DW: 19.900 us
 DE: 6.00 us
 TE: 302.2 K
 D1: 0.15000001 s
 d11: 0.03000000 s
 DELTA: 0.05000000 s
 TD0: 1

==== CHANNEL F1 =====
 NUC1: 13C
 P1: 7.80 us
 PL1: -3.80 dB
 SFO1: 100.578580 MHz

==== CHANNEL F2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 PCPD2: 135.00 us
 PL2: 17.40 dB
 PL12: 17.40 dB
 PL13: 17.40 dB
 SFO2: 399.9516000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 100.5675080 MHz
 WDW: EM
 SSB: 0
 LB: 3.00 Hz
 GB: 0
 PC: 1.40

Alcohol



7.281

3.781

3.775

3.759

3.753

3.732

3.726

3.603

3.589

3.578

3.566

3.553

3.541

3.527

3.443

3.427

3.420

3.405

3.390

3.384

3.368

3.329

3.197

3.105

3.089

3.079

3.063

2.069

2.062

2.046

2.037

2.023

2.021

2.012

1.991

1.988

1.978

1.970

1.964

1.956

1.950

1.942

1.933

1.927

1.919

1.913

1.905

1.891

1.883

1.835

1.833

1.807

1.786

Current Data Parameters

NAME SDA-111-81-Alc

EXPNO 9

PROCNO 1

DI 1

USER subham

F2 - Acquisition Parameters

Date_ 20090603

Time 17.42

INSTRUM DEK300

PROBHD 5 mm QNP 1H/1

PULPROG zg30

TD 32768

SOLVENTP CDCl3

NS 32

DS 2

SWH 4789.272

FIDRES 0.146157

AQ 3.4210291

RG 322.5

DW 104.400

DE 6.00

TE 303.2

D1 2.00000000

TD0 1

==== CHANNEL f1 ===

NUC1 1H

P1 9.00

PL1 -3.00

SFO1 300.1321009

F2 - Processing parameters

SI 32768

SF 300.1300000

WDW EM

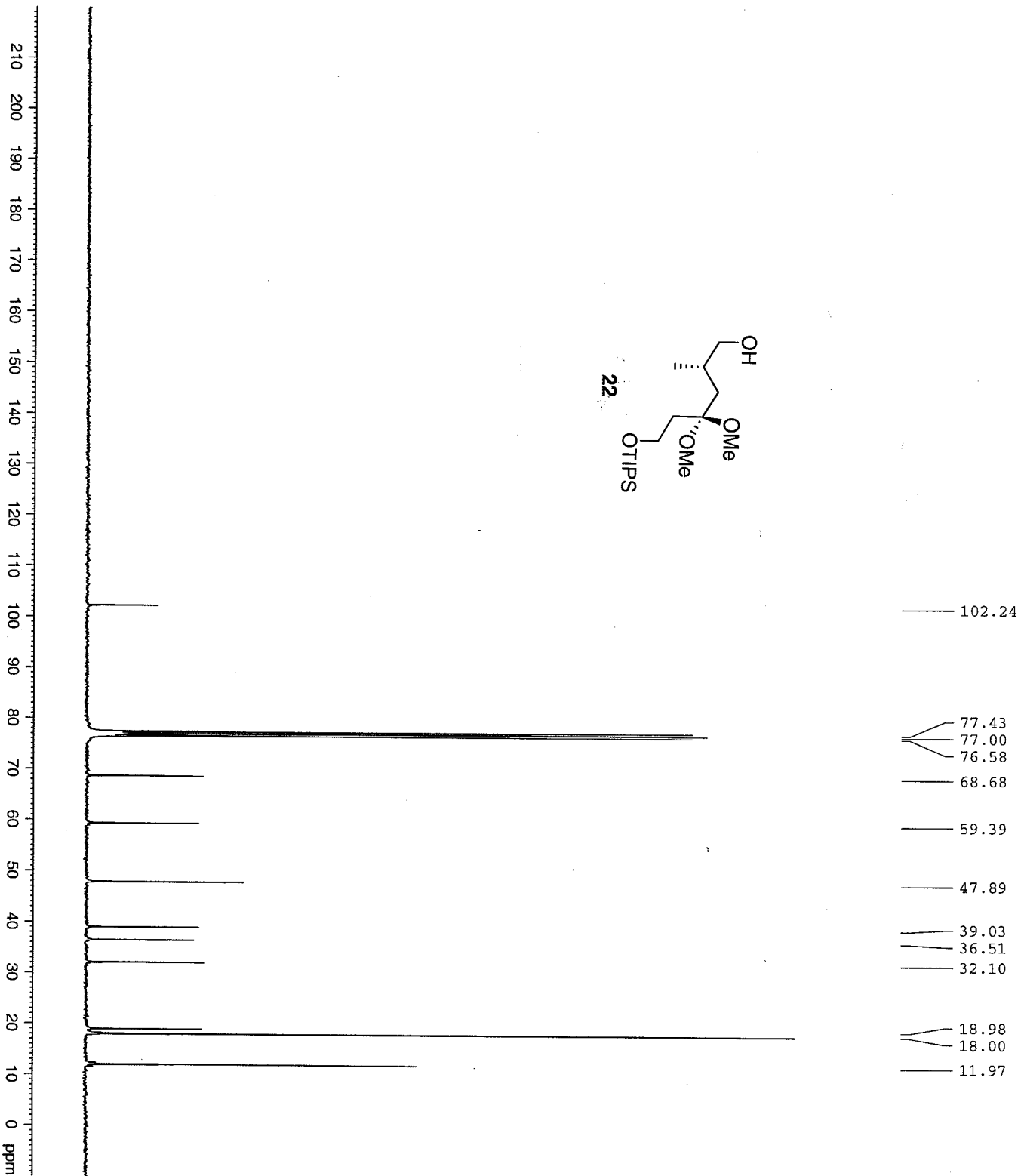
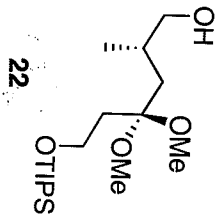
SSB 0

LB 0.30

GB 0

PC 21.00

Alcohol



Current Data Parameters
 NAME SUW-III-81-Alcohol
 EXPNO 12
 PROCNO 1
 DU /h
 USER subham

F2 - Acquisition Parameters
 Date_ 20090603
 Time 23.10
 INSTRUM DFX300
 PROBHD 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 17353
 DS 4

SMF 18932.393 Hz
 FIDRES 0.267360 Hz
 AQ 1.7400308 sec
 RG 374.7
 DW 26.350 usec
 DE 6.00 usec
 TE 301.2 K
 D1 0.15000001 sec
 D11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

==== CHANNEL F1 =====
 NUC1 13C
 P1 8.80 usec
 PL1 -3.00 dB
 SFO1 75.4760505 MHz

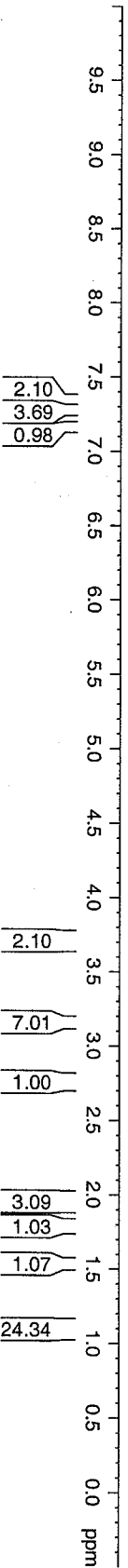
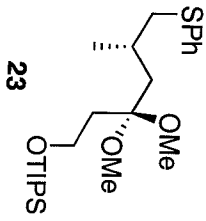
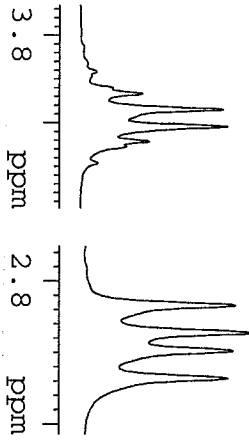
==== CHANNEL F2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 -3.00 dB
 PL12 17.55 dB
 PL13 17.55 dB
 SFO2 300.1312005 MHz

F2 - Processing parameters
 SI 32768
 SF 75.4677490 MHz
 MDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Sulfide

7.361
7.342
7.300
7.286
7.262
7.181
7.164
7.146

3.759
3.739
3.734
3.716
3.696
3.679
3.673
3.654
3.178
3.171
3.138
3.125
2.784
2.764
2.752
2.732
1.996
1.980
1.966
1.948
1.929
1.815
1.801
1.778
1.764
1.563
1.545
1.526
1.508
1.144
1.128
1.110
1.097
1.093
1.088
1.075
1.063
1.054



Current Data Parameters
NAME SUM-117-82-S11
EXPNO 1
PROCNO 1
DU /h
USER subham

F2 - Acquisition Parameters
Date_ 20090605
Time 12.39
INSTRUM DFX400
PROBHD 5 mm BBO BH-1H
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 32
DS 2
SWH 6410.256
FIDRES 0.195625
AQ 2.5559540
RG 362
DW 78.000
DE 6.00
TE 298.2
D1 2.00000000
TD0 1

==== CHANNEL f1 ===
NUC1 1H
P1 14.70
PL1 0.00
SFO1 399.9528000

F2 - Processing parameters
SI 32768
SF 399.9500000
WDW EM
SSB 0
LB 0.70
GB 0
PC 201.00

Sulfide

Current Data Parameters

NAME SUM-T11-82-Sulfidic
 EXPNO 2
 PROCNO 1
 DU /n
 USER subham

F2 - Acquisition Parameters

Date_ 20090605
 Time 12.47
 INSTRUM DPK400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 3122
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 s
 RG 16384
 DW 19.900 us
 TE 299.2 K
 DE 6.00 us
 D1 0.15000001 s
 d11 0.03000000 s
 DELTA 0.05000000 s
 TD0 1

CHANNEL F1

NUC1 13C
 P1 7.80 us
 PL1 -3.80 dB
 SFO1 100.5785280 MHz

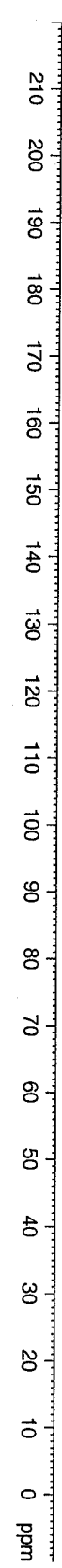
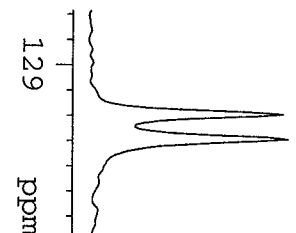
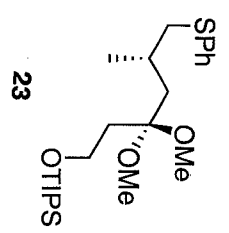
CHANNEL F2

CEPPRG2 waltz16
 NUC2 1H
 PCPD2 135.00 us
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz

F2 - Processing parameters

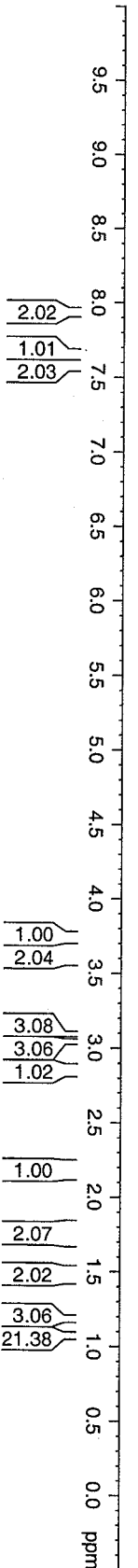
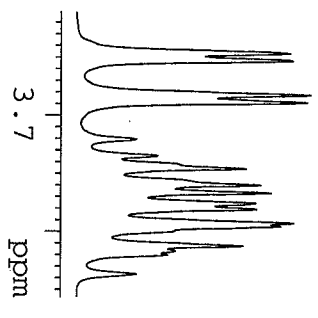
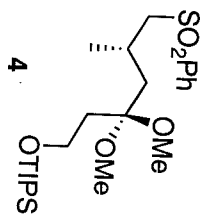
SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

- 137.37
- 128.81
- 128.71
- 125.56
- 102.07
- 77.33
- 77.01
- 76.70
- 59.26
- 47.72
- 41.48
- 39.13
- 36.47
- 29.66
- 20.42
- 18.02
- 11.94



Sulfone

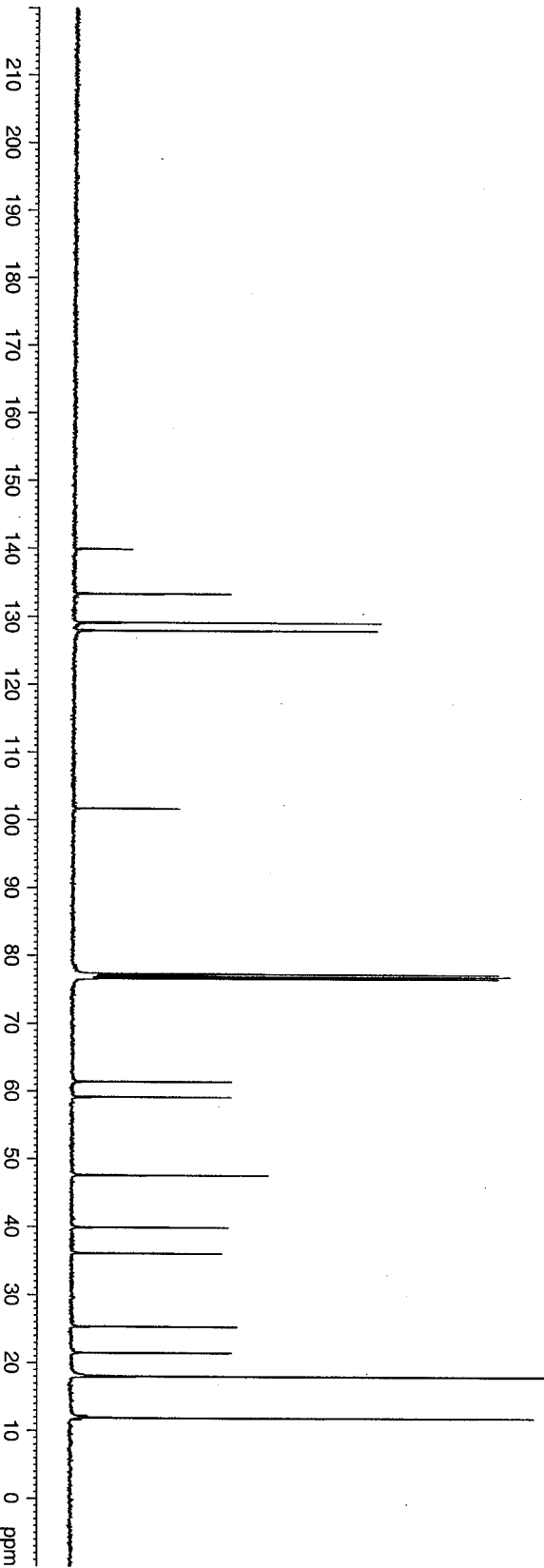
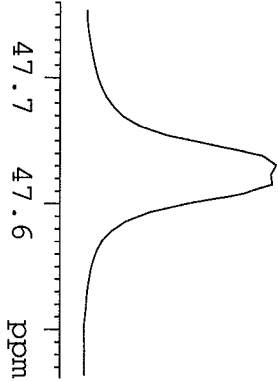
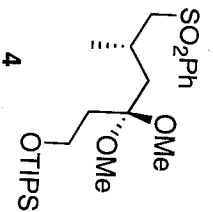
7.944
7.926
7.922
7.671
7.658
7.653
7.647
7.637
7.634
7.594
7.574
7.560
7.556
7.285
3.754
3.748
3.718
3.712
3.679
3.665
3.655
3.641
3.634
3.625
3.620
3.608
3.605
3.588
3.583
3.580
3.563
3.089
3.041
2.879
2.856
2.843
2.820
2.201
2.195
2.189
2.184
2.178
2.172
2.167
2.161
2.155
1.822
1.807
1.804
1.788
1.771
1.768
1.752
1.739
1.716
1.702
1.679
1.525
1.508
1.504
1.488
1.477
1.472
1.467
1.452
1.440
1.429
1.190
1.173
1.089
1.078
1.069
1.060
1.048



Current Data Parameters
 NAME SUM-TIT-71-SU1
 EXNO 5
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20090526
 Time 20.11
 INSTRUM DPK400
 PROBHD 5 mm BBO BS-1H
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 6410.256
 FIDRES 0.195625
 AQ 2.5559540
 RG 128
 LW 78.000
 DE 6.00
 TE 298.2
 D1 2.00000000
 TD0 1
 ===== CHANNEL f1 =====
 NUCL1 1H
 P1 14.70
 PL1 0.00
 SFO1 399.9528000
 F2 - Processing Parameters
 SI 32768
 SF 399.9500000
 WDW EM
 SSB 0
 LB 0.70
 GB 0
 PC 0
 03
 01.00

Sulfone

- 139.96
- 133.42
- 129.16
- 128.02
- 101.74
- 77.34
- 77.03
- 76.71
- 61.43
- 59.16
- 47.63
- 39.94
- 36.13
- 25.35
- 21.49
- 18.03
- 11.93



Current Data Parameters
 NAME SUM-III-71-Sulfor
 EXPNO 7
 PROCNO 1
 DU /h
 USER subham

F2 - Acquisition Parameters
 Date_ 20090526
 Time 20.36
 INSTRUM DPX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 4900
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 s
 RG 16384
 DW 19.900 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 s
 d11 0.03000000 s
 DELTA 0.05000000 s
 TD0 1

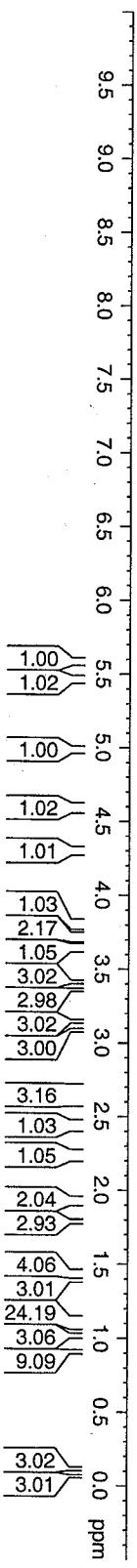
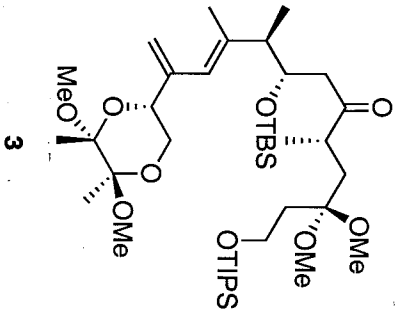
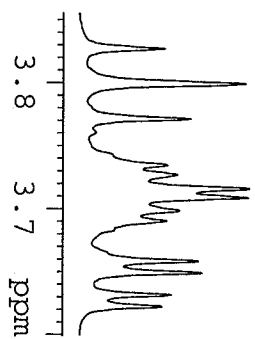
==== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 us
 PL1 -3000 dB
 SFO1 100.5785890 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 135.00 us
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz

F2 - Processing parameters:
 SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Ketone

7.285
5.579
5.462
4.985
4.604
4.596
4.576
4.567
4.302
4.297
4.293
4.288
4.276
3.827
3.800
3.772
3.735
3.728
3.717
3.710
3.699
3.691
3.659
3.650
3.632
3.623
3.411
3.356
3.142
3.083
2.693
2.677
2.665
2.648
2.638
2.629
2.616
2.583
2.448
2.439
2.431
2.422
2.260
2.238
2.224
2.201
1.941
1.922
1.904
1.785
1.783
1.453
1.443
1.432
1.417
1.407
1.389
1.143
1.130
1.120
1.107
1.091
1.082
1.071
1.061
1.022
1.005
0.905
0.112
0.062

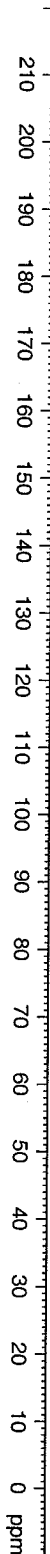
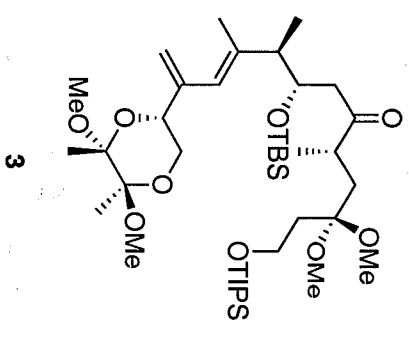
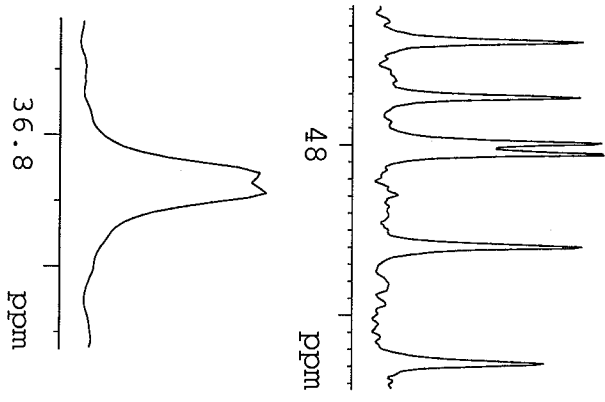


```

Current Data Parameters
NAME      SUN-III-77-Ketone
EXPNO    5
PROCNO   1
PROC     /h
F2 - Acquisition Parameters
Date_    20090619
Time     17.27
INSTRUM  DPX400
PROBHD   5 mm BBO BB-1H
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
NS       64
DS       2
SWH      6410.256 Hz
FIDRES   0.195625 Hz
AQ       2.559549 sec
RG       322.5
FM       78.000 usec
DE       6.00 usec
TE       293.2 K
DLO      2.00000000 sec
FDO      1
===== CHANNEL f1 =====
NUC1     1H
P1       14.70 usec
PL1     0.00 dB
SFO1    399.9528000 MHz
F2 - Processing parameters
SI       32768
SF       399.9500000 MHz
WDW      EM
SSB      0
LB       0.70 Hz
GB       0
PC       1.00
  
```

Ketone

- 212.09
- 142.82
- 142.39
- 123.80
- 114.84
- 101.53
- 100.97
- 100.12
- 77.33
- 77.01
- 76.70
- 73.67
- 70.14
- 65.74
- 59.30
- 48.62
- 48.29
- 48.02
- 47.96
- 47.41
- 46.73
- 41.90
- 36.72
- 25.87
- 18.34
- 18.25
- 18.03
- 17.13
- 14.75
- 11.96
- 4.54
- 4.91



Current Data Parameters
 NAME SDM-III-77-Ketone
 EXNO 6
 PROCNO 1
 DU /n
 USBR subham

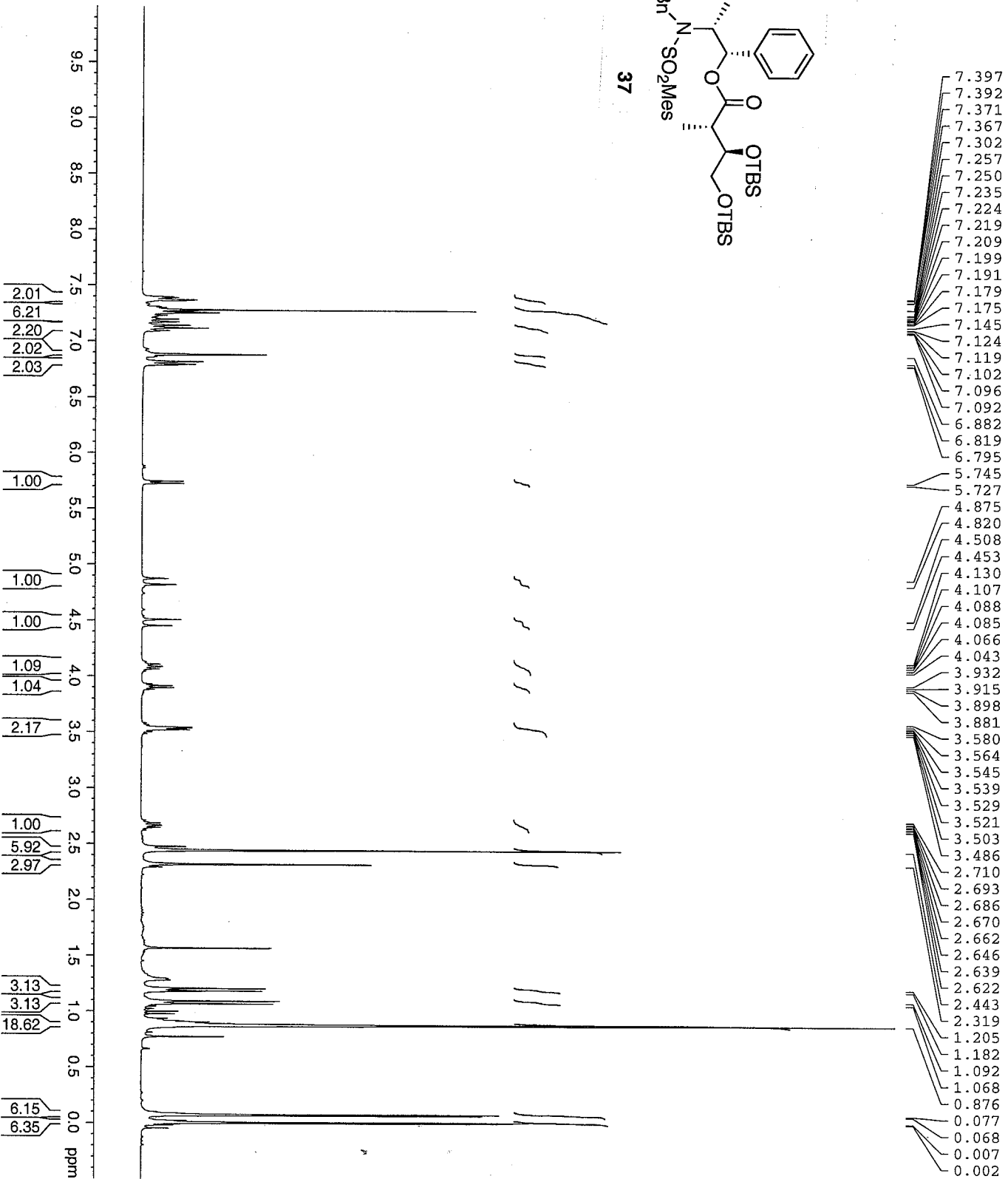
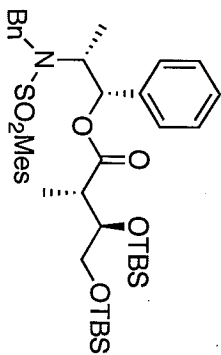
F2 - Acquisition Parameters
 Date_ 20090619
 Time 18.20
 INSTRUM DPX400
 PROBDH 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT NS
 DS 13187
 SFR 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DW 19.900 usec
 DE 6.00 usec
 TE 300.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

==== CHANNEL F1 =====
 NUC1 13C
 P1 7.80 usec
 PL1 -3.00 dB
 SFO1 100.5785700 MHz

==== CHANNEL F2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P2 135.00 usec
 PCPD2 17.40 dB
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

di-TBS Aldol Pdt



7.397
7.392
7.371
7.367
7.302
7.257
7.250
7.235
7.224
7.219
7.209
7.199
7.191
7.179
7.175
7.145
7.124
7.119
7.102
7.096
7.092
6.882
6.819
6.795
5.745
5.727
4.875
4.820
4.508
4.453
4.130
4.107
4.088
4.085
4.066
4.043
3.932
3.915
3.898
3.881
3.580
3.564
3.545
3.539
3.529
3.521
3.503
3.486
2.710
2.693
2.686
2.670
2.662
2.646
2.639
2.622
2.443
2.319
1.205
1.182
1.092
1.068
0.876
0.077
0.068
0.007
0.002

```

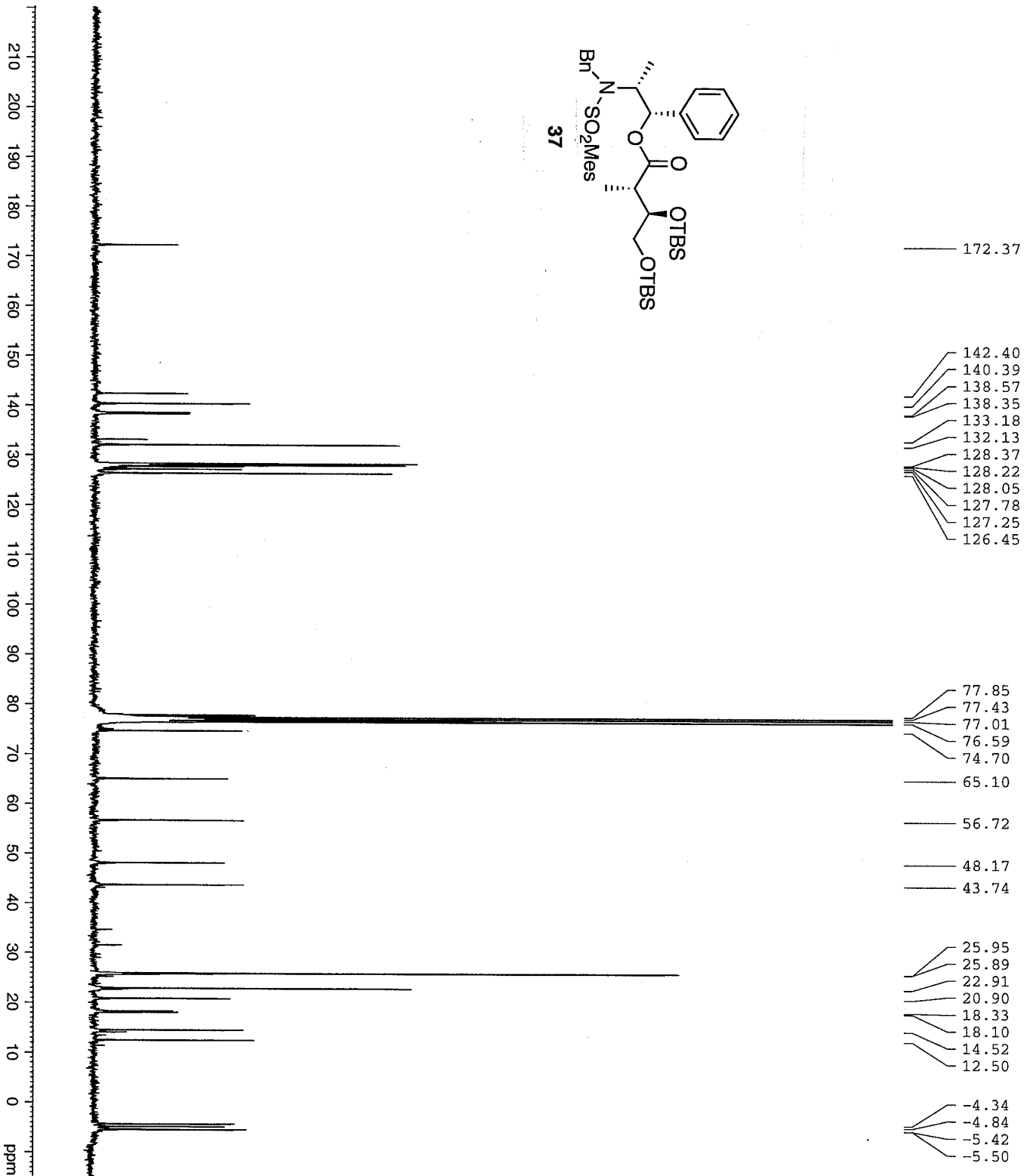
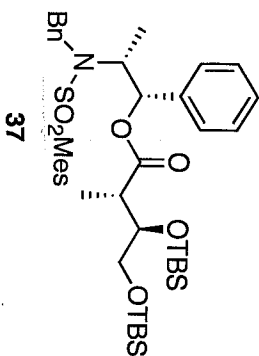
Current Data Parameters
NAME      SUN-11-32-di-TBS Aldol Pd
EXPNO     4
PROCNO    1
USER       subhan

F2 - Acquisition Parameters
Date_     20081123
Time      11:11:11
INSTRUM   spect
PROBHD    5 mm QNP 1H/1
PULPROG   zg30
TD         65536
SOLVENT   CDCl3
NS         32
DS         2
SWH        4789.272 Hz
FIDRES    0.146157 Hz
AQ         3.421291 sec
RG         104.400 usec
DE         6.00 usec
TE         298.2 K
D1         2.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         9.00 usec
PL1        -3.00 dB
SFO1       300.1321009 MHz

F2 - Processing parameters
SI         32768
SF         300.1300000 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
PC         1.00
    
```

di-TBS Aldol PdC



Current Data Parameters
 NAME: SIM-II-32-di-TBS Aldol PdC
 EXPNO: 5
 PROCNO: 7
 USER: subhan

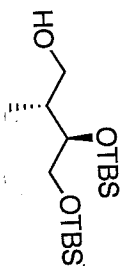
F2 - Acquisition Parameters
 Date_: 20091123
 Time: 08:30
 INSTRUM: spect
 PROBHD: 5 mm QNP 1H/1
 PULPROG: zgpg30
 TD: 65536
 SOLVENT: CDCl3
 DS: 4
 NS: 151
 SWH: 18832.393 Hz
 FIDRES: 0.287360 Hz
 AQ: 1.7400308 sec
 RG: 327.5
 DE: 24.516 usec
 TE: 298.2 K
 D1: 0.15000001 sec
 d11: 0.03000000 sec
 DELTA: 0.05000000 sec
 TDS: 1

===== CHANNEL f1 =====
 NUCL1: 13C
 P1: 8.00 usec
 PL1: -1.00 dB
 SFO1: 75.4760505 MHz

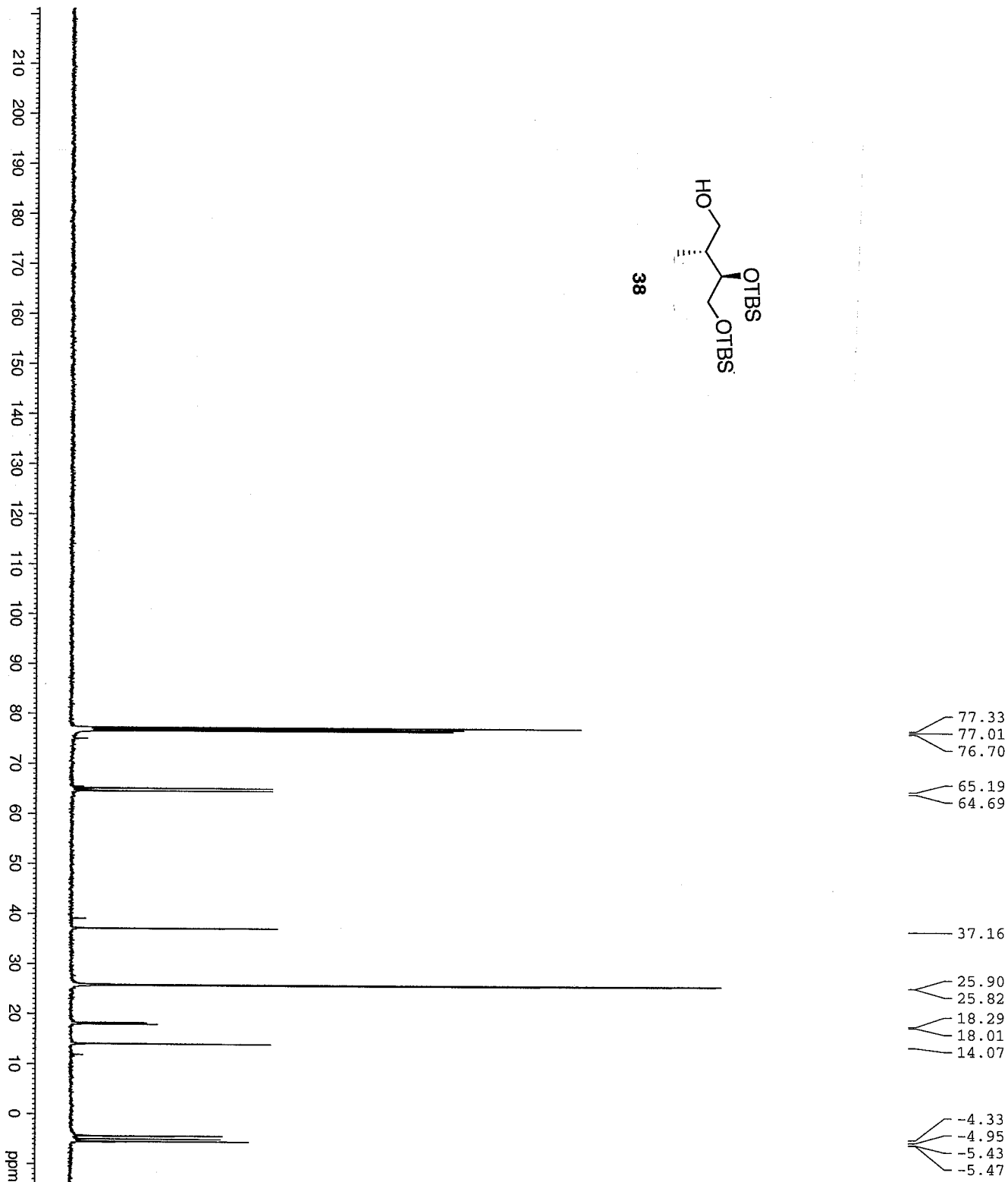
===== CHANNEL f2 =====
 CPDPRG2: waltz16
 P2: 80.00 usec
 PL2: -3.00 dB
 PL12: 17.55 dB
 PL13: 17.55 dB
 SFO2: 300.1312005 MHz

F2 - Processing parameters
 SI: 32768
 SF: 75.4677490 MHz
 WDM: EX
 SSB: EX
 GB: 0 Hz
 PC: 1.40

di-TBS tri-alcohol



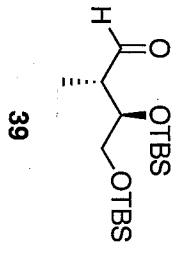
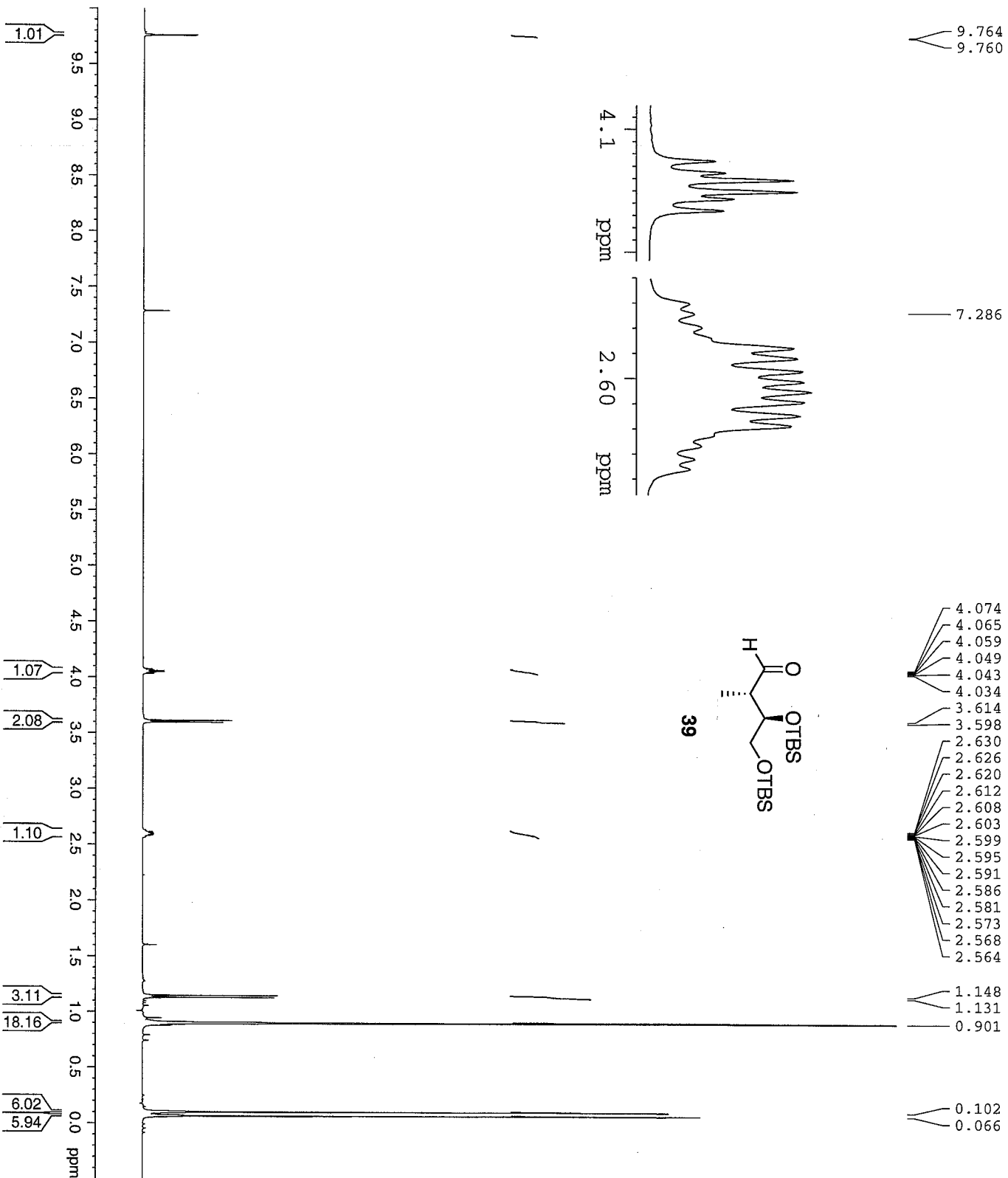
38



77.33
77.01
76.70
65.19
64.69
37.16
25.90
25.82
18.29
18.01
14.07
4.33
4.95
5.43
5.47

Current Data Parameters
 NAME SUN-1133-di-TBS tri alcohol
 EXNO 4
 PROCNO 1
 DU 1
 USER /n
 subnam
 F2 - Acquisition Parameters
 Date_ 20080930
 Time 23:32
 INUM 12412
 PROBD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 4452
 DS 4
 SMH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042184 sec
 RG 4444
 DW 19.900 usec
 DE 6.00 usec
 TE 298.2 K
 TF 0.1500001 sec
 d11 0.4400000 sec
 DELTA 0.05000000 sec
 TDO 1
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 usec
 PL1 -3.00 dB
 SF01 100.5785700 MHz
 ===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 135.00 usec
 PL1 17.40 dB
 PL2 17.40 dB
 PL3 17.40 dB
 SF02 399.9516000 MHz
 F2 - Processing parameters
 SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.40

Aldehyde



```

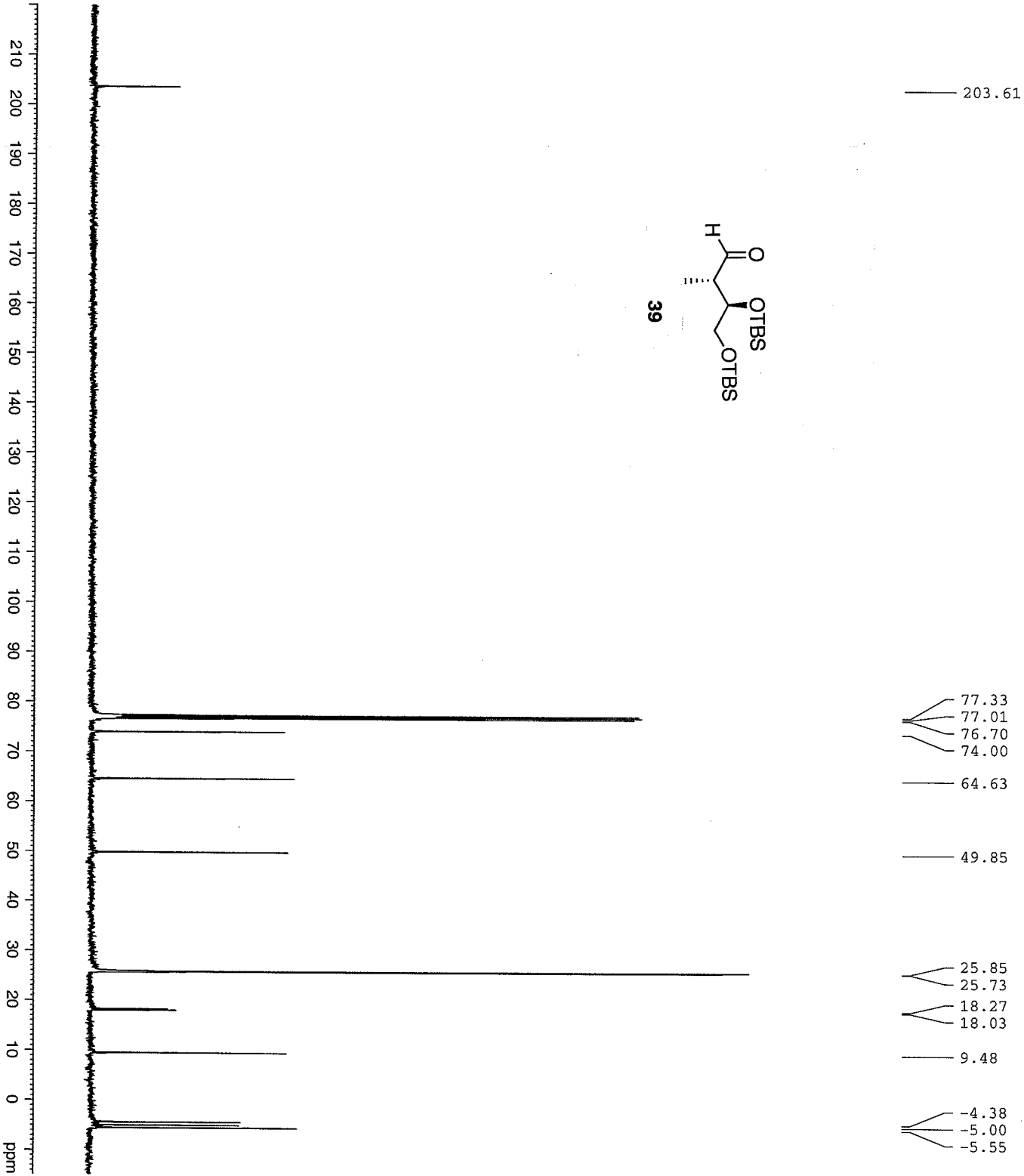
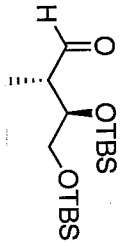
Current Data Parameters
NAME      SWH-II34-d1-TBS Aldehyd.c
EXPNO    1
PROCNO   1
F2 - Acquisition Parameters
Date_    20081001
Time     19.10
INSTRUM  DRX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD        32768
SOLVENT  CDCl3
NS        32
DS        2
SWH       6410.256 Hz
F2RES     0.195623 Hz
AQ        2.5359729 sec
RG         3264
IDW        78.000 usec
DE         6.00 usec
TE         298.2 K
D1         2.00000000 sec
TPO        1

===== CHANNEL f1 =====
NUC1      13
P1        14.70 usec
PL1       0.00 dB
SFO1      399.9528000 MHz

F2 - Processing parameters
S1        32768
SF         399.9500000 MHz
WDW        EM
SSB        0
LB         0.70 Hz
GB         0
PC         1.00
    
```

Aldehyde

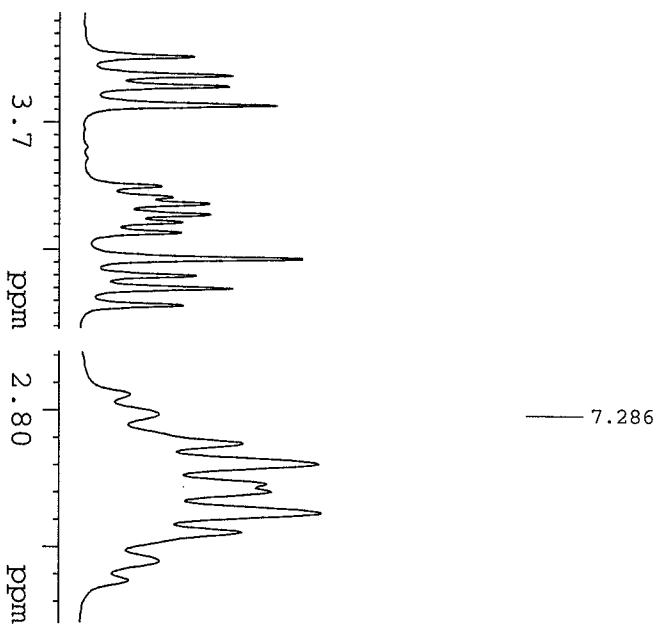
203.61



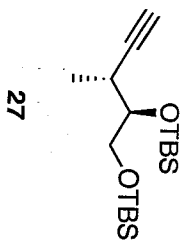
77.33
77.01
76.70
74.00
64.63
49.85
25.85
25.73
18.27
18.03
9.48
4.38
5.55

Current Data Parameters
 NAME SUN-1134-d1-OTBS Aldehyde
 EXNO 3
 PROCNO 1
 DU 3
 USER subham
 F2 - Acquisition Parameters
 Date_ 20080404
 Time 21:32
 INSTRUM DPX400
 PROBD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 2986
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DW 19.900 usec
 DE 28.00 usec
 TE 29.77
 D1 0.1500001 sec
 d11 0.0300000 sec
 DELTA 0.0500000 sec
 TDO 1
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 7.00 usec
 PL1 -1.00 dB
 SFO1 100.5785700 MHz
 ===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P2 135.00 usec
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz
 F2 - Processing Parameters
 SI 32768
 SF 100.5675 MHz
 INDY BM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Alkyne



- 3.752
- 3.737
- 3.729
- 3.714
- 3.650
- 3.642
- 3.636
- 3.628
- 3.622
- 3.614
- 3.593
- 3.580
- 3.570
- 3.557
- 2.806
- 2.799
- 2.788
- 2.781
- 2.773
- 2.771
- 2.763
- 2.756
- 2.745
- 2.738
- 2.036
- 2.030
- 1.224
- 1.206
- 0.924
- 0.098
- 0.086

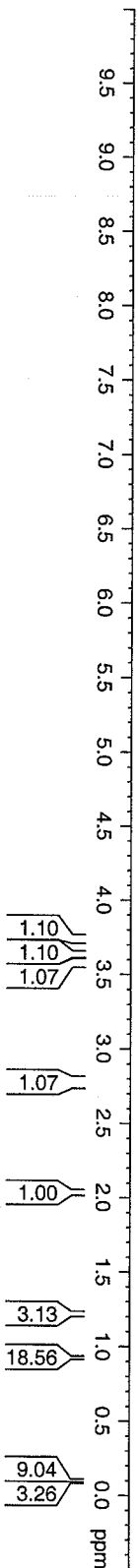


Current Data Parameters
 NAME SIM-113-d1-MS alkyne
 EXPNO 1
 PROCNO 1
 DU 1
 USER subham

F2 - Acquisition Parameters
 Date_ 20081002
 Time 19.46
 INSTRUM DPK400
 PROBHD 5 mm BBO HS-1H
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 6410.236 Hz
 FIDRES 0.195625 Hz
 AQ 2.559540 sec
 RG 101.6
 DW 78.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 2.0000000 sec
 TD0 1

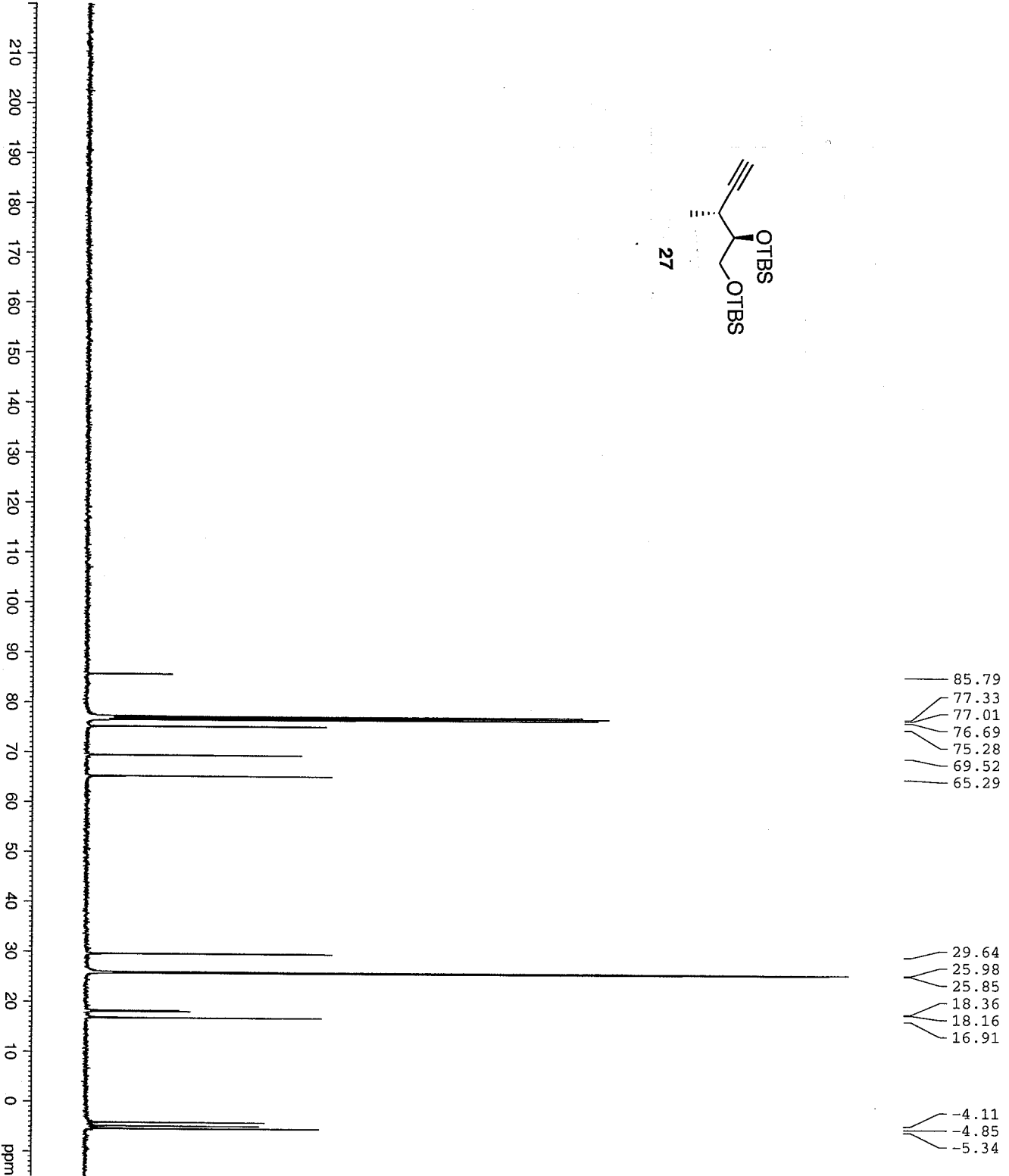
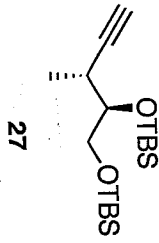
----- CHANNEL f1 -----
 NUC1 1H
 P1 14.70 usec
 PL 0.00 dB
 SFO1 399.9528000 MHz

F2 - Processing parameters
 SI 32768
 SF 399.9500000 MHz
 WDW EM
 SSB 0
 GB 0
 PC 1.00



- 1.10
- 1.10
- 1.07
- 1.07
- 1.00
- 3.13
- 18.56
- 9.04
- 3.26

Alkyne



85.79
77.33
77.01
76.69
75.28
69.52
65.29

29.64
25.98
25.85
18.36
18.16
16.91

4.11
4.85
5.34

Current Data Parameters
 NAME SUM-1135-d1-T5S Alkyne
 EXPNO 3
 PROCNO 1
 F1 /1
 USER subham

F2 - Acquisition Parameters
 Date_ 20081002
 Time 21.32
 INSTRUM DPX400
 PROBHD BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 3627
 DS
 SFO 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DW 19.900 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 usec
 PL1 -3.00 dB
 SFO1 100.5785700 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 135.00 usec
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz

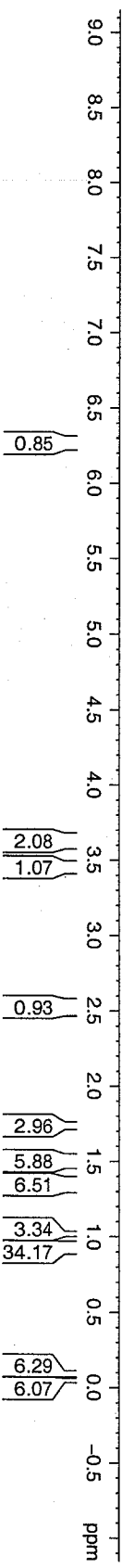
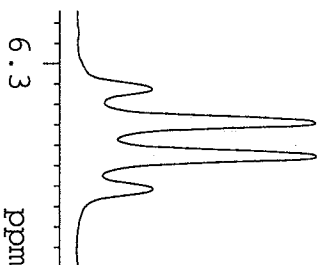
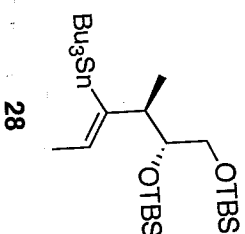
F2 - Processing parameters
 SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Vinyl stannane

7.286

6.288
6.271
6.255
6.239

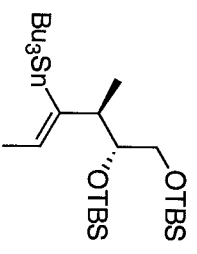
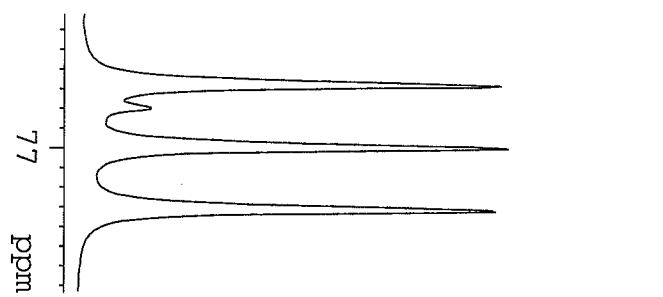
3.659
3.649
3.644
3.635
3.625
3.617
3.601
3.591
3.470
3.456
3.446
3.431
2.550
2.533
2.517
2.504
2.487
1.741
1.725
1.541
1.538
1.523
1.517
1.501
1.491
1.482
1.475
1.462
1.389
1.371
1.352
1.334
1.316
1.298
1.024
1.006
0.962
0.935
0.917
0.910
0.908
0.899
0.093
0.083
0.046



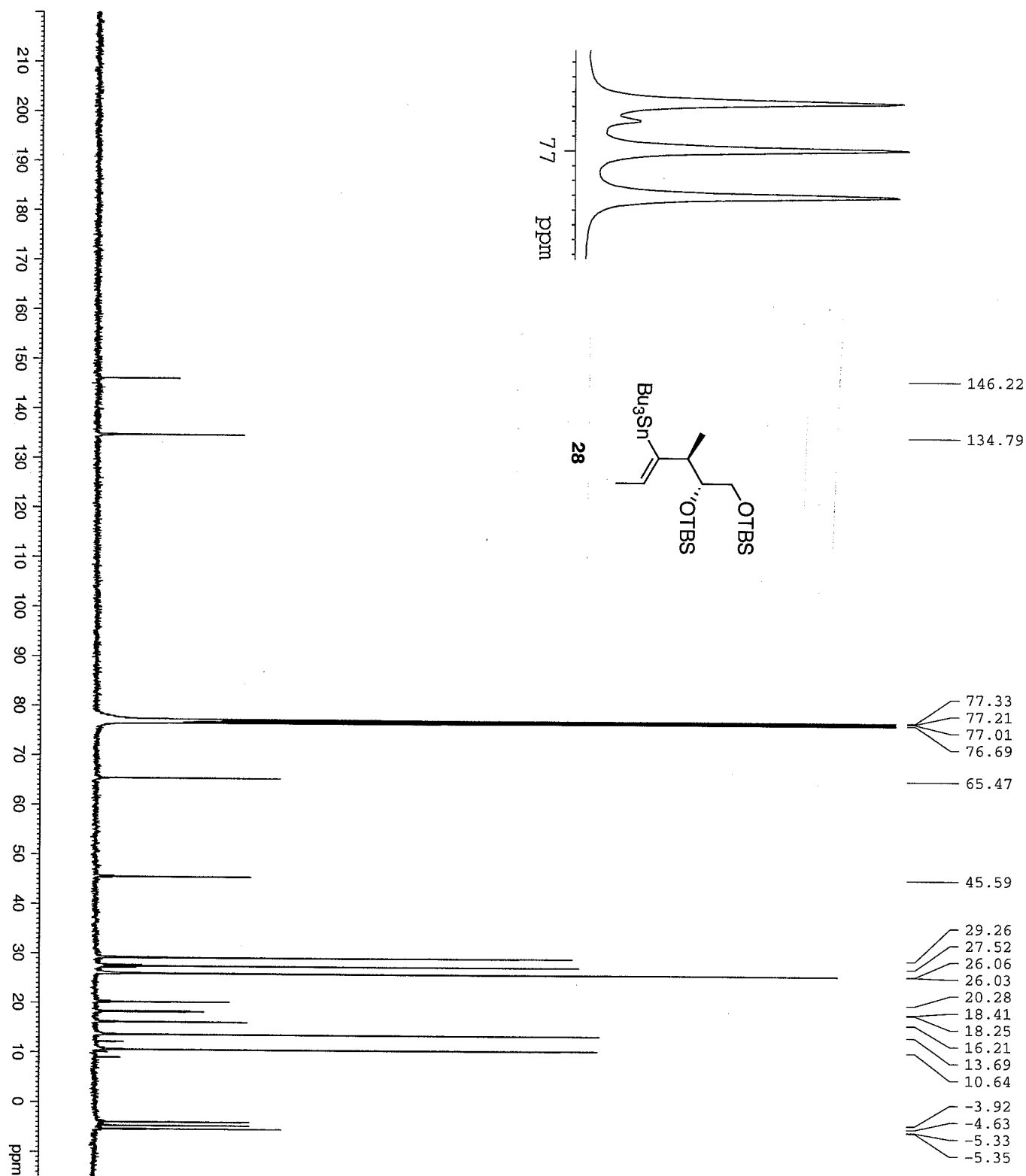
```

Current Data Parameters
NAME      SDM-II-77-VINY1.stu
EXPNO    1
PROCNO   1
F2 - Acquisition Parameters
Date_    20081122
Time     2:02
INSTRUM  DPX-1H
PROBHD   5 mm BBO BB-1H
PULPROG  zg30
TD        32768
SOLVENT  CDCl3
NS        32
DSH       0
SSB       0
AQ        0.195625 sec
RG         203.2
DE        78.000 usec
TE        298.2 K
D1        2.0000000 sec
TD0       1
===== CHANNEL f1 =====
NUC1      1H
P1        14.70 usec
PL1       0.00 dB
SFO1      399.9528000 MHz
F2 - Processing parameters
SI        32768
SF        399.9500000 MHz
WDW       EM
SSB       0
GB        0
PC        1.00
  
```

Vinyl stannane



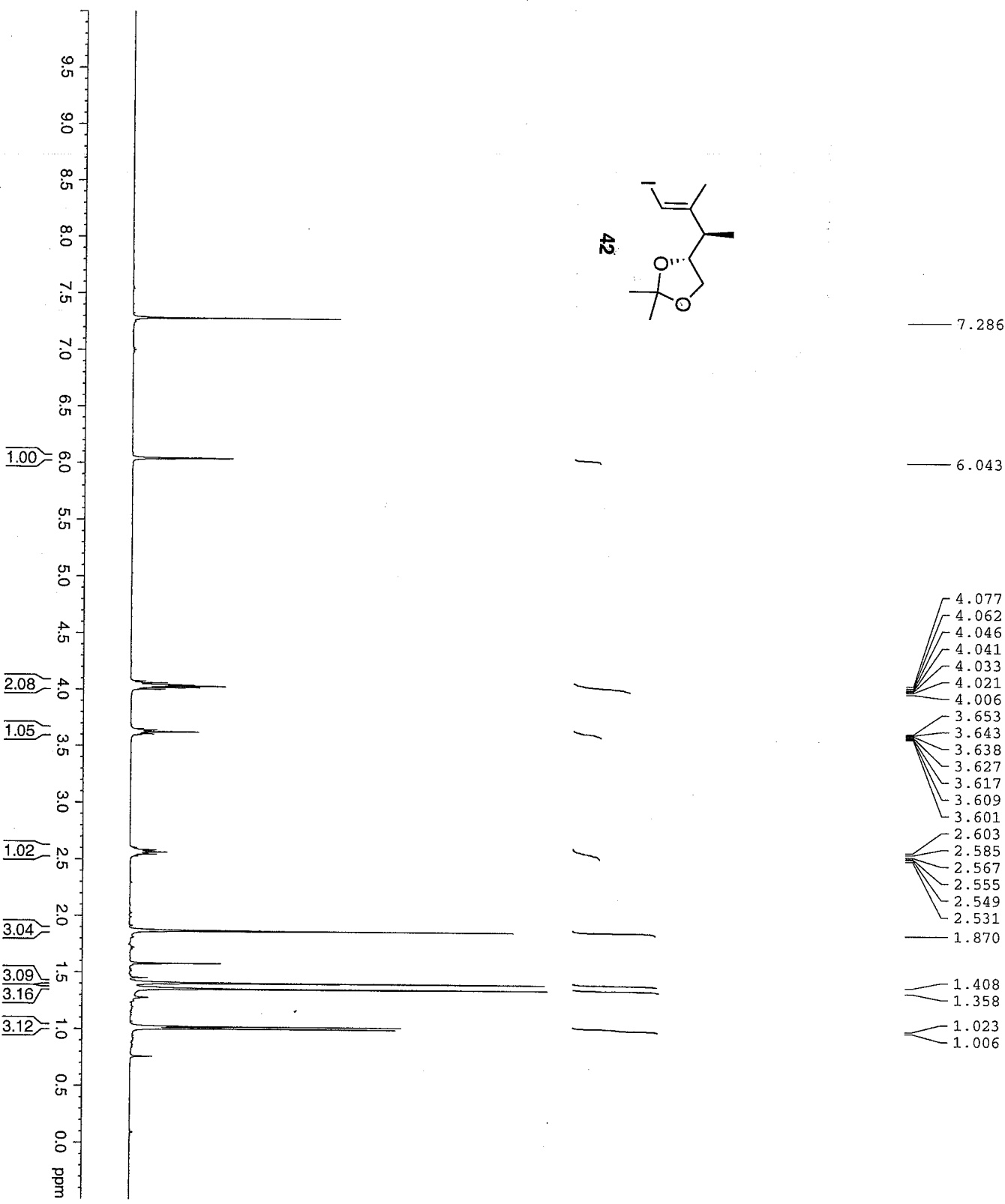
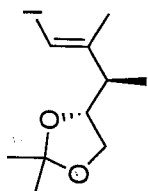
28



Chemical Shift (ppm)	Assignment
146.22	Vinyl C=C
134.79	Vinyl C=C
77.33	Solvent (CDCl ₃)
77.21	Solvent (CDCl ₃)
77.01	Solvent (CDCl ₃)
76.69	Solvent (CDCl ₃)
65.47	OTBS
45.59	OTBS
29.26	Aliphatic
27.52	Aliphatic
26.06	Aliphatic
26.03	Aliphatic
20.28	Aliphatic
18.41	Aliphatic
18.25	Aliphatic
16.21	Aliphatic
13.69	Aliphatic
10.64	Aliphatic
-3.92	Aliphatic
-4.63	Aliphatic
-5.33	Aliphatic
-5.35	Aliphatic

Current Data Parameters
 NAME SUB-11-77-Vinyl stannane
 EXPNO 3
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20081122
 Time 2.33
 INSTRUM DPX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCL3
 NS 26420
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.38387 Hz
 AQ 1.3042164 sec
 RG 16384
 DM 19.900 usec
 DE 4.00 usec
 TE 298.2 K
 D1 0.1500001 sec
 d11 0.0300000 sec
 DELTA 0.0500000 sec
 TDO 1
 ===== CHANNEL f1 =====
 NUC1 113C
 P1 7.80 usec
 PL1 -3.00 dB
 SFO1 100.5785700 MHz
 ===== CHANNEL f2 =====
 CPDPRG2 waltz16
 P2 135.00 usec
 PCPD2 117.40 dB
 PL2 117.40 dB
 PL13 117.40 dB
 SFO2 399.9516000 MHz
 F2 - Processing Parameters
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Acetonide



- 7.286
- 6.043
- 4.077
- 4.062
- 4.046
- 4.041
- 4.033
- 4.021
- 4.006
- 3.653
- 3.643
- 3.638
- 3.627
- 3.617
- 3.609
- 3.601
- 2.603
- 2.585
- 2.567
- 2.555
- 2.549
- 2.531
- 1.870
- 1.408
- 1.358
- 1.023
- 1.006

- 1.00
- 2.08
- 1.05
- 1.02
- 3.04
- 3.09
- 3.16
- 3.12

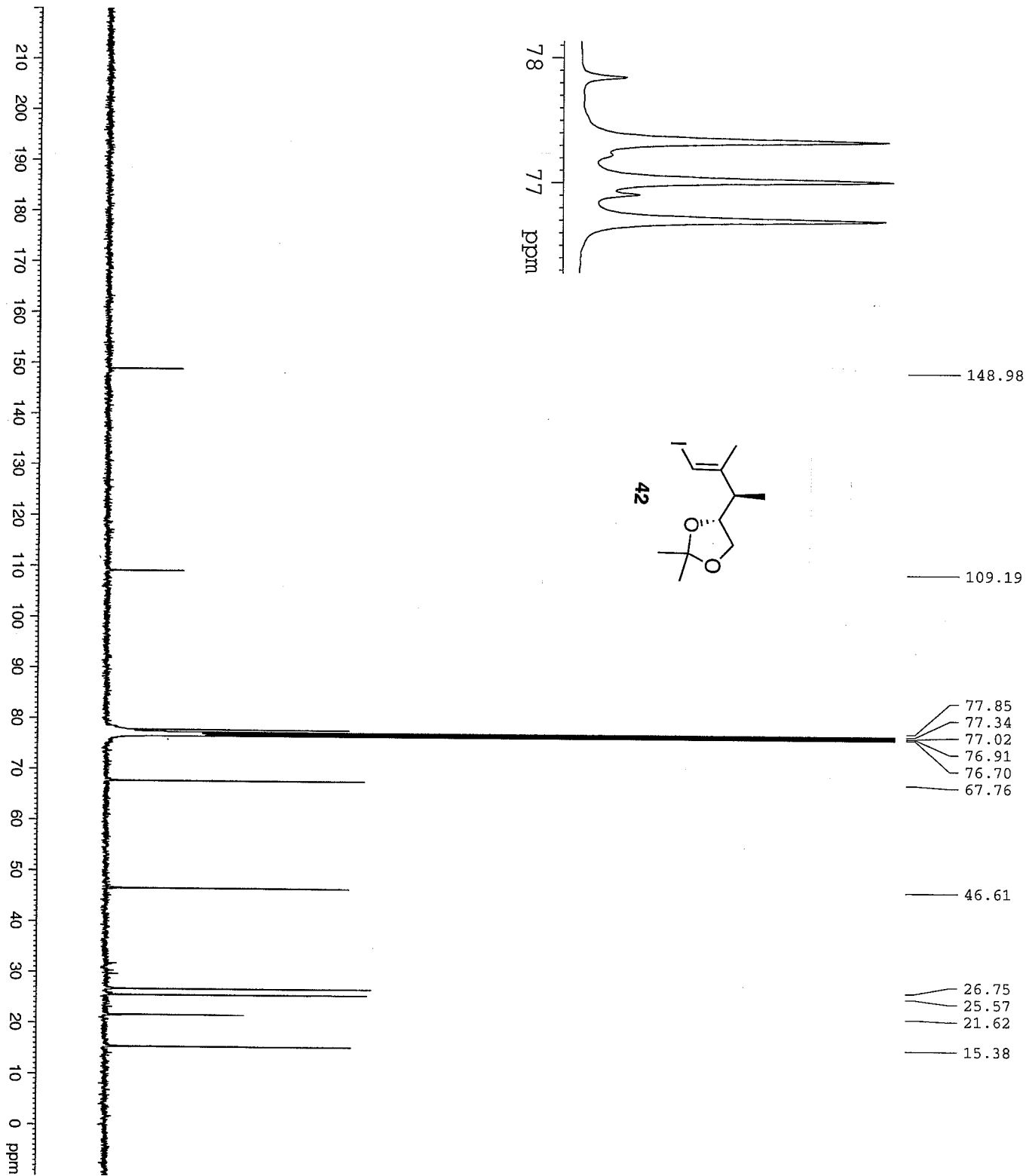
Current Data Parameters
 NAME SUM-II-78-Acetonide
 EXPNO 1
 PROCNO 1
 DU /h
 USER subham

F2 - Acquisition Parameters
 Date_ 20081124
 Time 22.21
 INSTRUM DPK400
 PROBHD 5 mm BBO BB-1H
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.559540 sec
 RG 512
 DW 78.000 usec
 DE 6.00 usec
 TR 298.2 K
 D1 2.00000000 sec
 DDO 1

----- CHANNEL f1 -----
 NUC1 1H
 P1 14.70 usec
 PL1 0.00 dB
 SF01 399.9528000 MHz

F2 - Processing Parameters
 FI 32768
 SF 399.9500000 MHz
 WDW EM
 SSB 0
 LB 0
 GB 0
 PC 1.00

Acetonide



Current Data Parameters
 NAME SDM-II-78-Acetonide
 EXPNO 3
 PROCNO 1
 DU /n
 USER subham

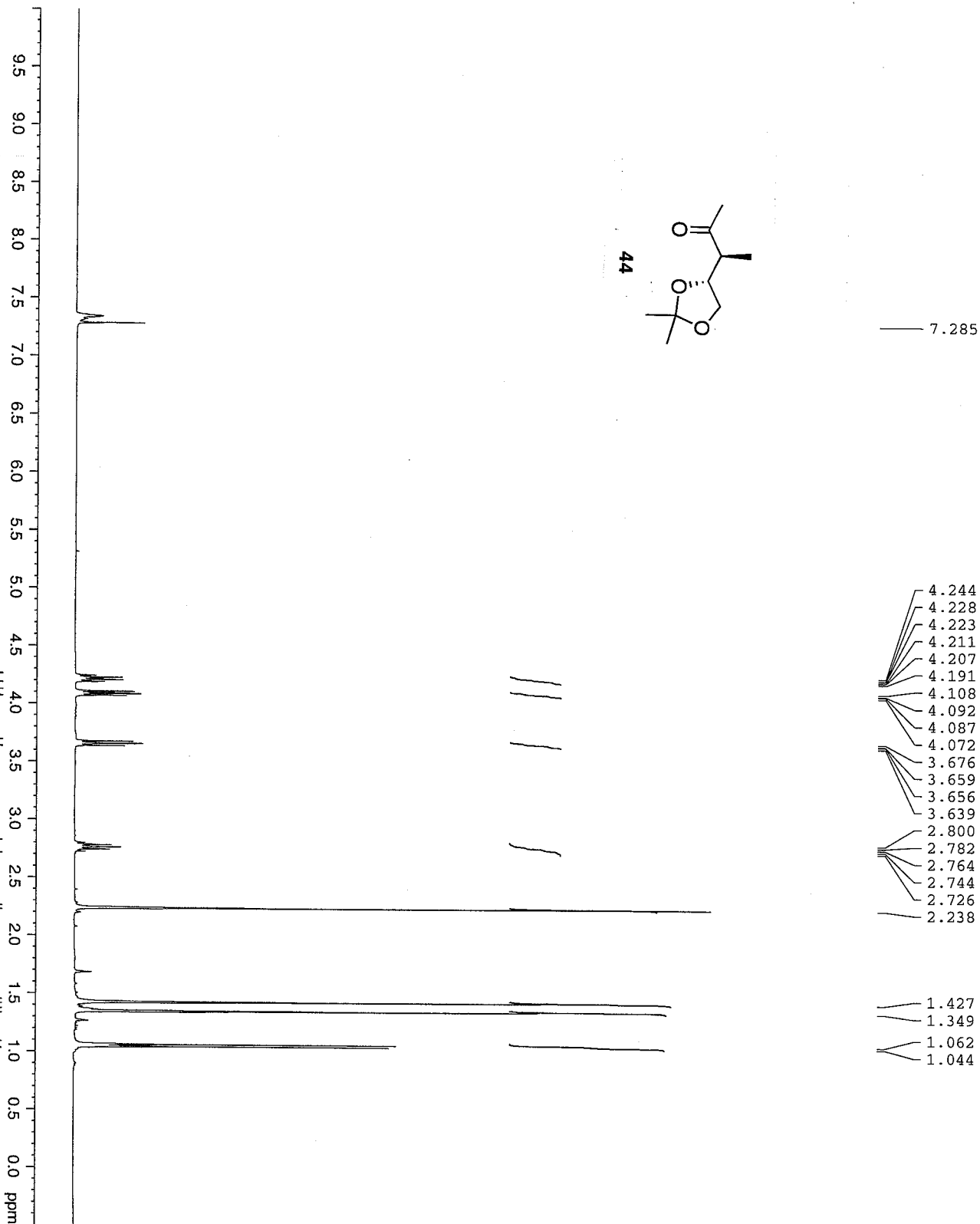
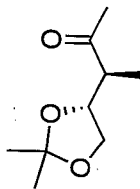
F2 - Acquisition Parameters
 Date_ 20081124
 Time 22.38
 INSTRUM DPK400
 PROBD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 23649
 DS 4
 SMH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DW 19.900 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.1500001 sec
 d11 0.0300000 sec
 DELTA 0.0500000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 usec
 PL1 -3.00 dB
 SFO1 100.5785700 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 RCPD2 135.00 usec
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 399.9516000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.5675080 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

Methyl ketone



- 7.285
- 4.244
- 4.228
- 4.223
- 4.211
- 4.207
- 4.191
- 4.108
- 4.092
- 4.087
- 4.072
- 3.676
- 3.659
- 3.656
- 3.639
- 2.800
- 2.782
- 2.764
- 2.744
- 2.726
- 2.238
- 1.427
- 1.349
- 1.062
- 1.044

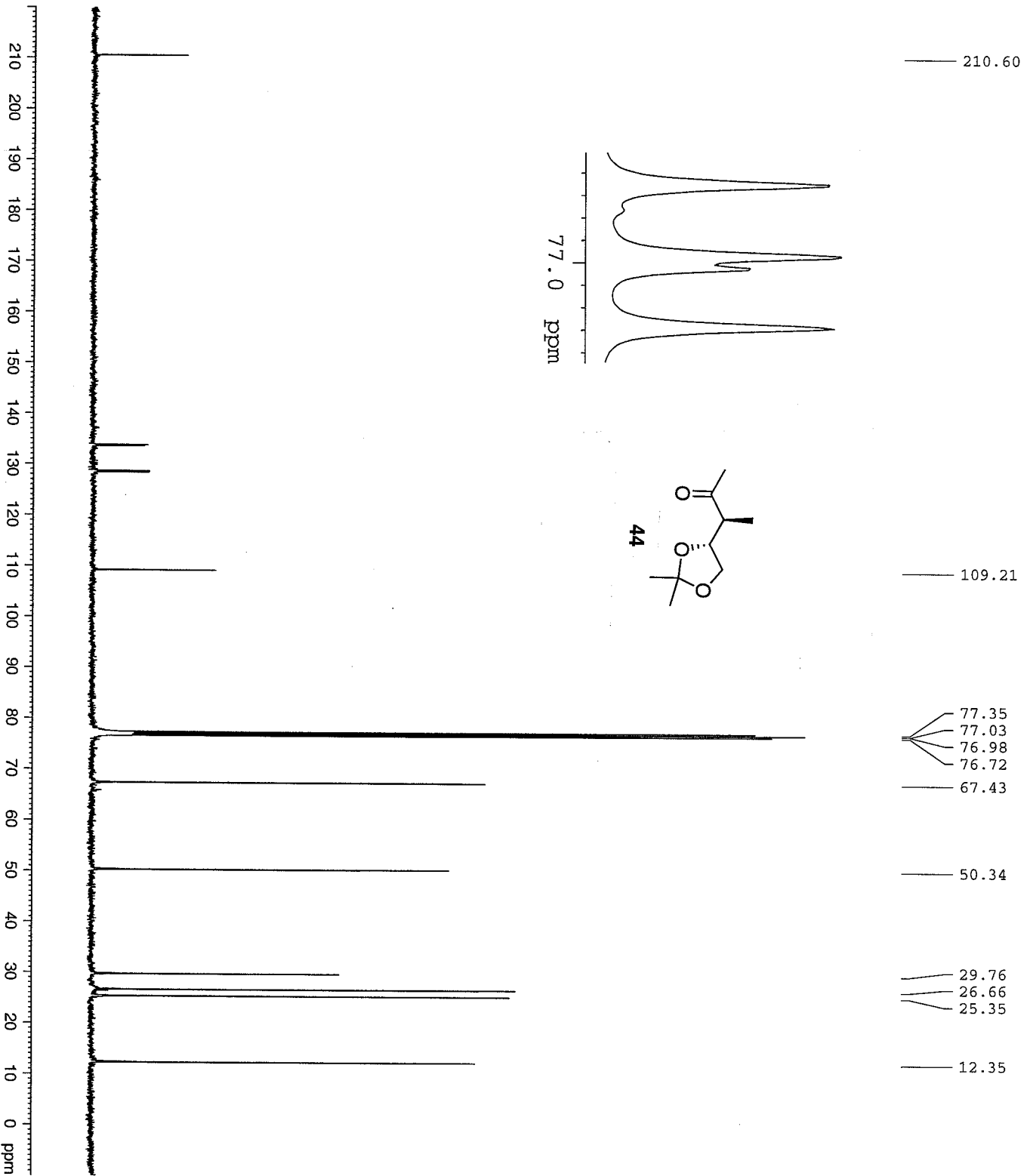
Current Data Parameters
 EXPNO 2
 PROCNO 1
 DU 1
 USER subnam

F2 - Acquisition Parameters
 Date_ 20081207
 Time 22.59
 INSTRUM DKA400
 PULPROG zgpg30
 FULPROG 32768
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.5359540 sec
 RG 78.000 usec
 DE 78.000 usec
 TE 298.2 K
 D1 2.00000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.70 usec
 PL 0.00 dB
 SFO1 399.9628000 MHz

F2 - Processing parameters
 SI 32768
 SF 399.9500000 MHz
 WDW EM
 SSB 0
 LB 0.70 Hz
 GB 0
 PC 1.00

Methyl ketone



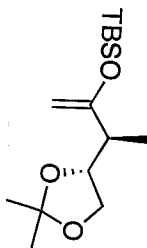
Current Data Parameters
 Name SUN-IT-87-methyl ketone
 EXPRNO 3
 PROCNO 1
 DU /n
 USER subham

F2 - Acquisition Parameters
 Date_ 20081207
 Time 23:19
 INSTRUM DPK400
 PULPROG zgpg30
 FULPRGMS zgpg30
 TD 65536
 SOLVENT
 NS 4854
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DE 13.6700 usec
 TE 296.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

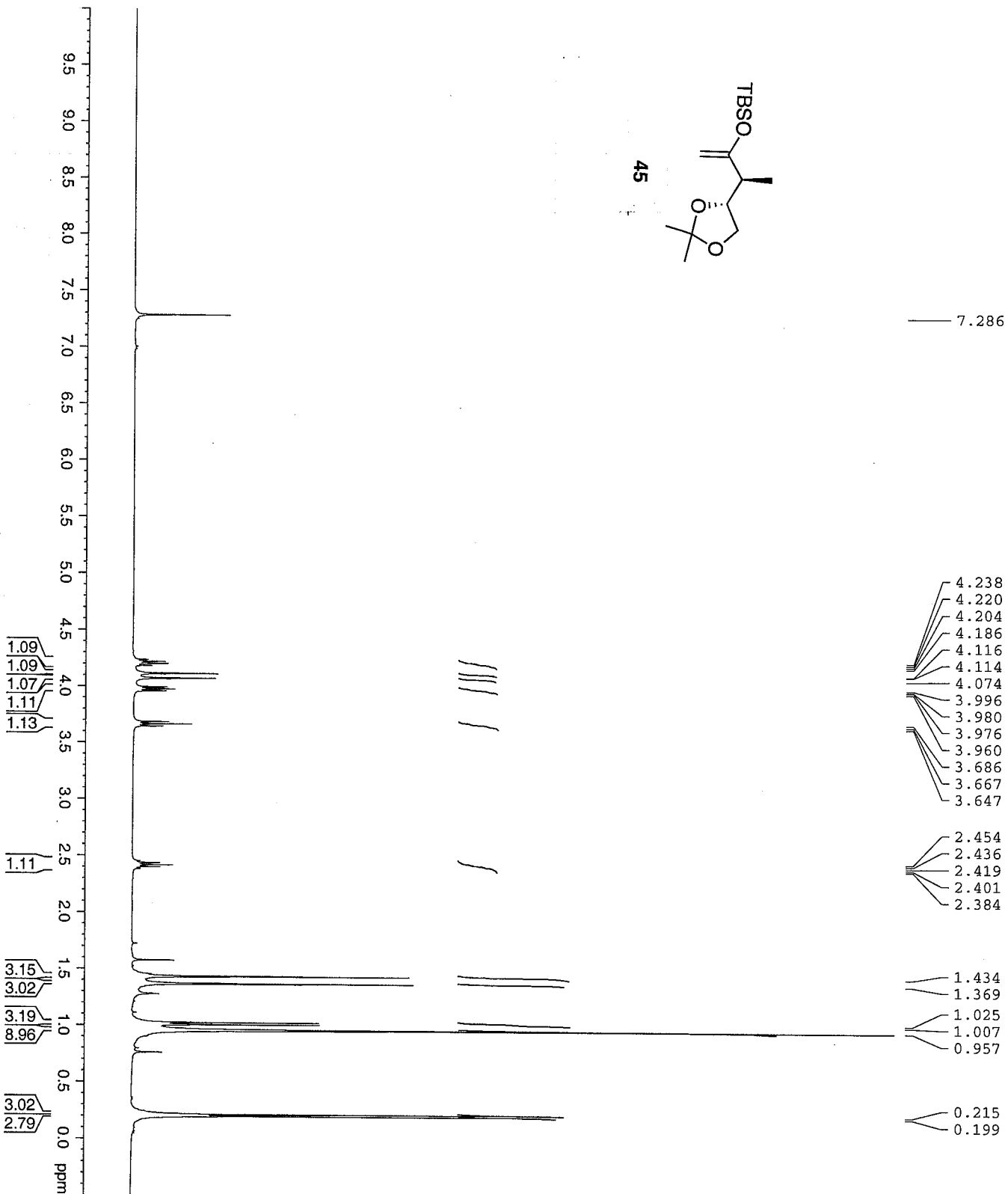
***** CHANNEL F1 *****
 NUC1 13C
 P1 7.00 usec
 PL1 -3.00 dB
 SFO1 100.5785700 MHz
 ***** CHANNEL F2 *****
 CPDPRG2 waltz16
 NUC2 1H
 RCFPD2 135.00 usec
 PL2 17.40 dB
 PL3 17.40 dB
 SFO2 399.9516000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.5675080 MHz
 WDM EM
 SSB 0
 LB 3.00 Hz
 PC 1.40

TBS Enol Ether



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```

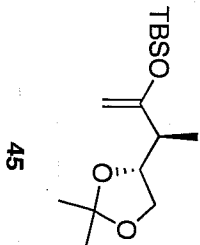
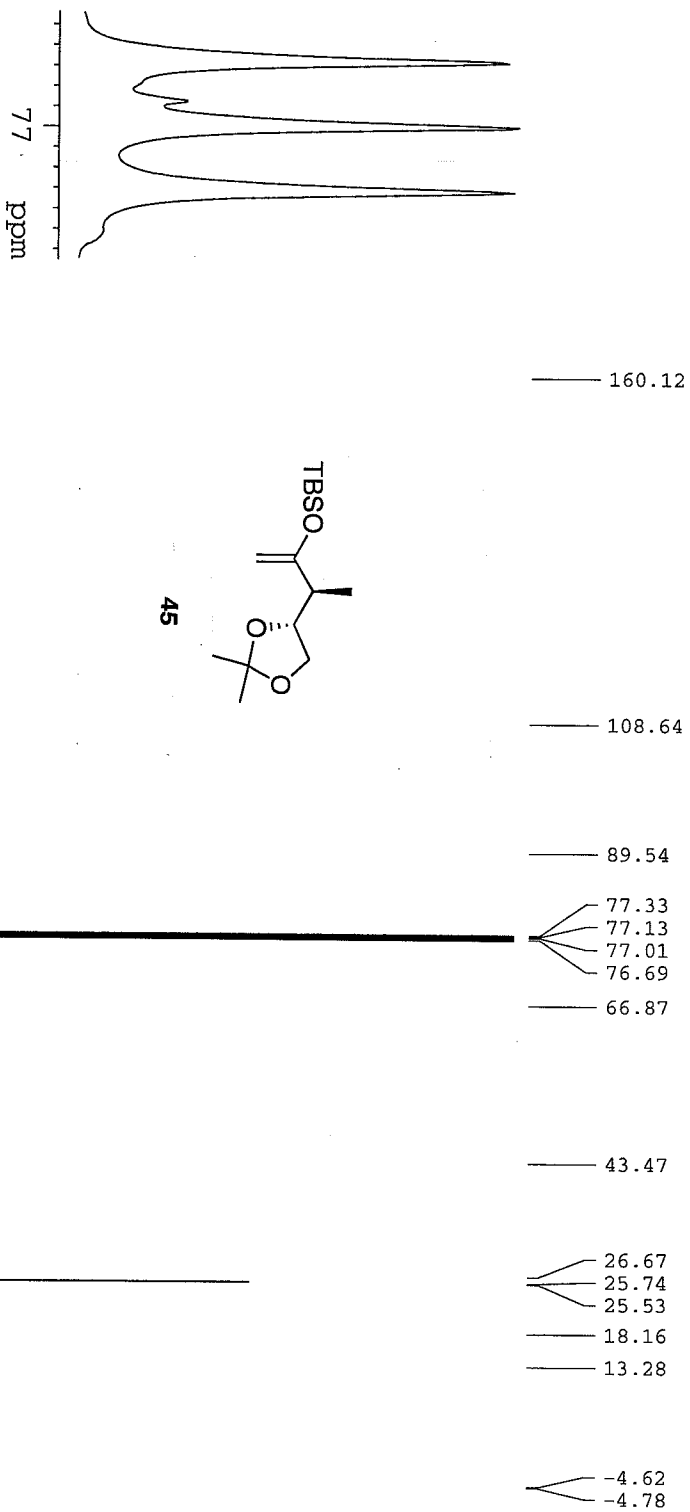
Current Data Parameters
NAME          subham
EXPNO         1
PROCNO       1
DU            /h
USER

F2 - Acquisition Parameters
Date_         200203
Time         22:03
INSTRUM      DPX400
PROBHD       5 mm BBO BB-1H
PULPROG      zg30
TD            32768
SOLVENT      CDCl3
NS            32
DS            2
SWH           6410.236 Hz
FIDRES       0.195625 Hz
AQ            2.5559540 sec
RG            78.512
DM            78.000 usec
DE            9.00 usec
TE            298.2 K
D1            2.0000000 sec
TD0           1

===== CHANNEL f1 =====
NUC1          1H
P1            14.70 usec
PL1           0.00 dB
SFO1         399.9528000 MHz

F2 - Processing parameters
SI            32768
SF           399.9500000 MHz
WDW           EM
SSB           0
GB            0
PC            1.00
  
```

TBS Enol Ether



210 200 190 180 170 160 150 140 130 120 110 100 90 80 70 60 50 40 30 20 10 0 ppm

Current Data Parameters
 NAME: SVM-11-96-TBS enol ether
 PROCNO: 1
 EPOCH: 1
 DU: /n
 USER: subham

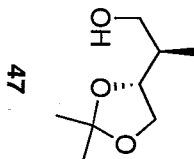
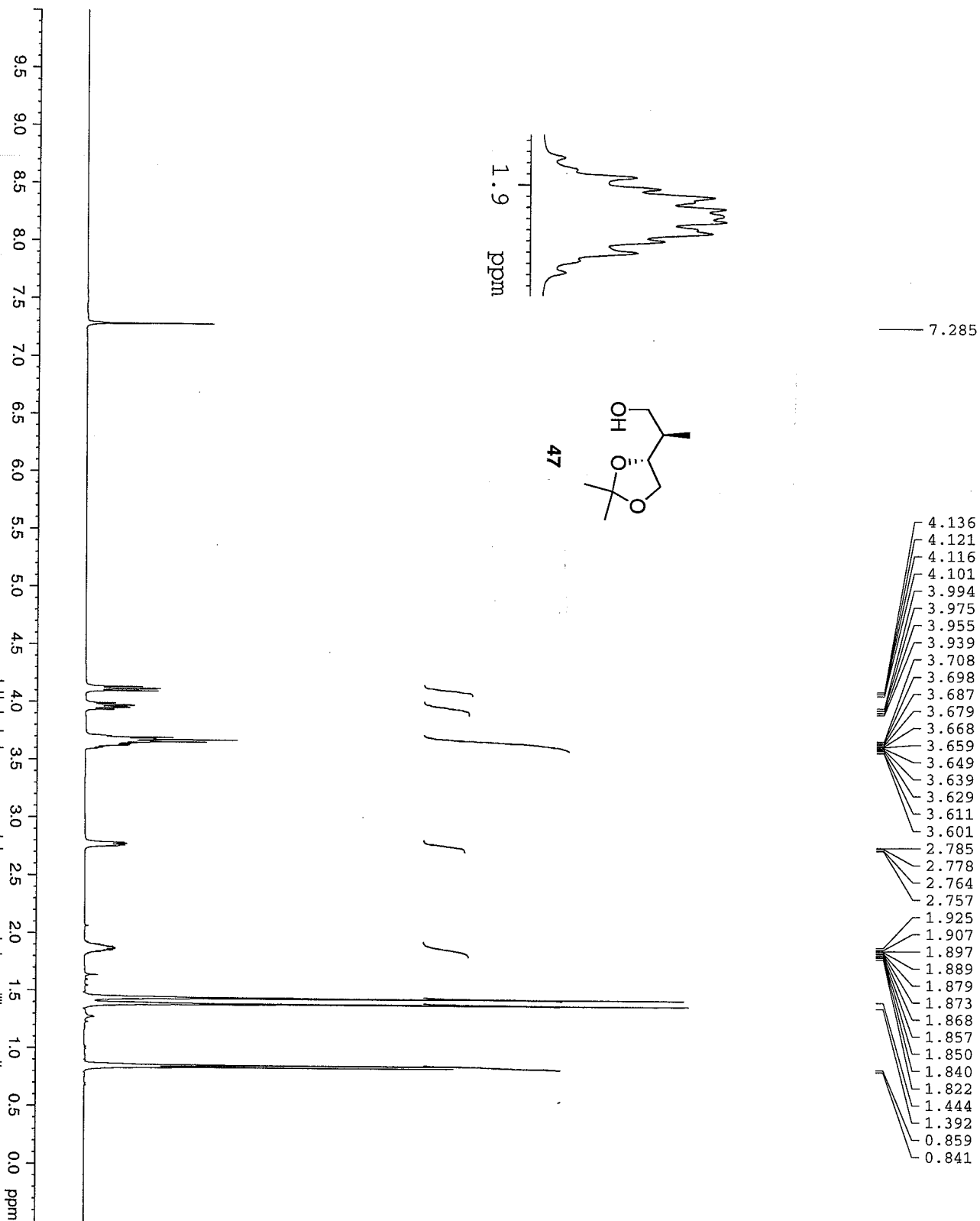
F2 - Acquisition Parameters
 Date_: 20090123
 Time: 22:20
 INSTRUM: DSI
 PROBD: 5 mm BBO BB-1H
 PULPROG: zgpg30
 TD: 65536
 SOLVENT: NS
 NS: 38709
 DS: 4
 SWH: 25125.639 Hz
 FIDRES: 0.34389 Hz
 AQ: 1.3042164 sec
 RG: 16384
 DW: 19.900 usec
 DE: 6.00 usec
 TE: 298.2 K
 d11: 0.1500001 sec
 d12: 0.0300000 sec
 DELTA: 0.0500000 sec
 TDO: 1

==== CHANNEL f1 =====
 NUC1: 13C
 P1: 7.80 usec
 PL1: 3.00 dB
 SFO1: 100.5785700 MHz

==== CHANNEL f2 =====
 CPDPRG2: waltz16
 NUC2: 1H
 RCFD2: 135.00 usec
 PL2: 17.40 dB
 PL12: 17.40 dB
 PL13: 17.40 dB
 SFO2: 399.9516000 MHz

F2 - Processing parameters
 SI: 32768
 SF: 100.5675080 MHz
 WDM: EM
 SFO: 3.00 Hz
 GB: 0
 PC: 1.40

Acetonide Alcohol



- 4.136
- 4.121
- 4.116
- 4.101
- 3.994
- 3.975
- 3.955
- 3.939
- 3.708
- 3.698
- 3.687
- 3.679
- 3.668
- 3.659
- 3.649
- 3.639
- 3.629
- 3.611
- 3.601
- 2.785
- 2.778
- 2.764
- 2.757
- 1.925
- 1.907
- 1.897
- 1.889
- 1.879
- 1.873
- 1.868
- 1.857
- 1.850
- 1.840
- 1.822
- 1.444
- 1.392
- 0.859
- 0.841

- 1.10
- 1.02
- 3.26
- 0.92
- 1.02
- 3.11
- 3.06
- 3.08

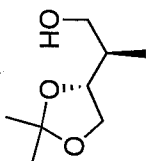
Current Data Parameters
 NAME S0M-T11-14
 EXPRNO 3
 PROCNO 1
 DU /h
 USER subham

F2 - Acquisition Parameters
 Date_ 20090210
 Time 11.27
 INSTRUM DPK400
 PROBHD 5 mm BBI 1H-BB
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.5559540 sec
 RG 71.8
 DW 78.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 2.00000000 sec
 TDO 1

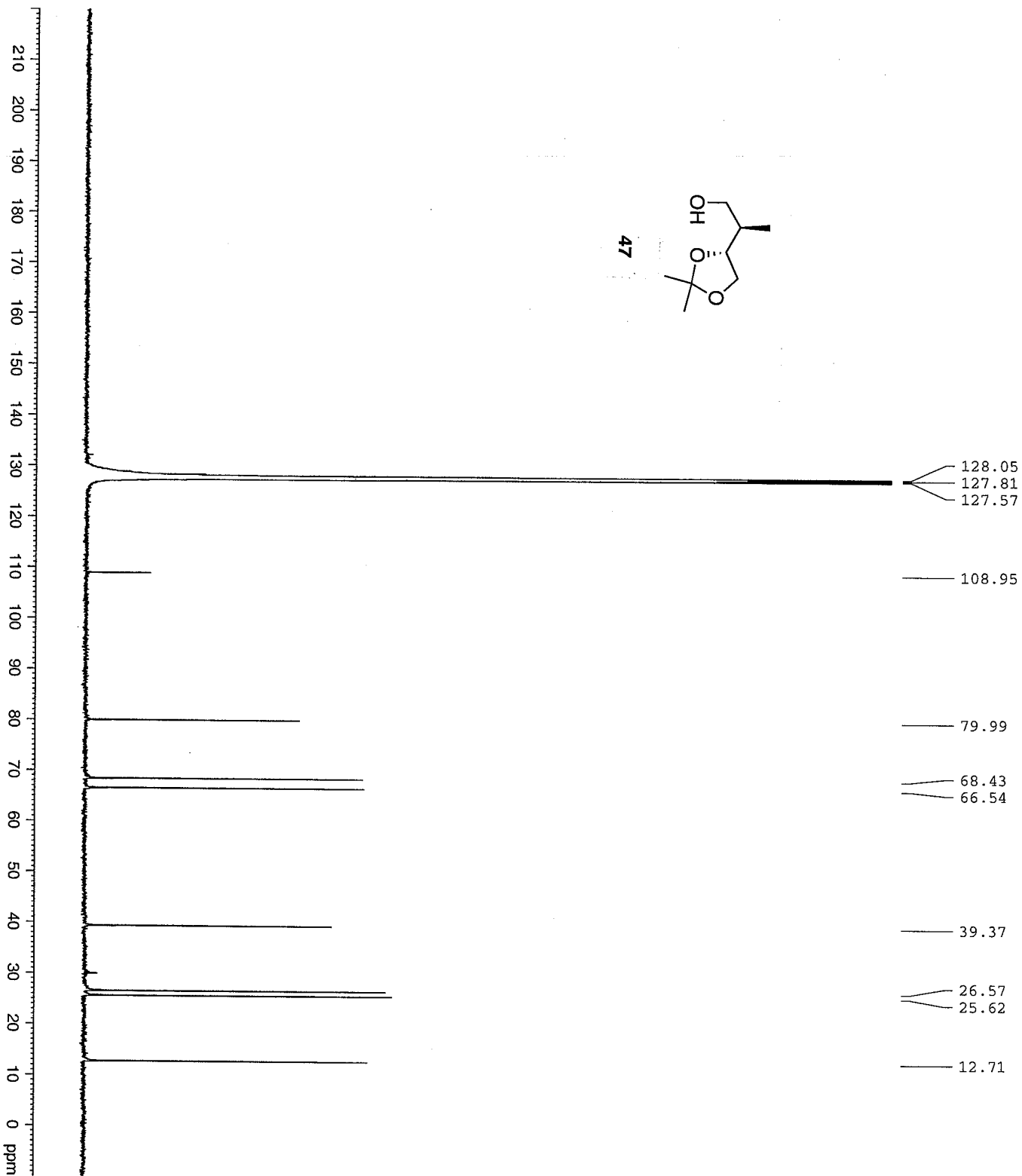
==== CHANNEL f1 =====
 WDW1 1H
 PL 14.70 usec
 PL1 0.00 dB
 SFO1 399.9528000 MHz

F2 - Processing parameters
 SI 399.9500000 MHz
 SF 399.9500000 MHz
 WDW DK
 SSB 0
 LB 0.70 Hz
 GB 0
 PC 1.00

Acetonide Alcohol



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128.05
127.81
127.57

108.95

79.99

68.43
66.54

39.37

26.57
25.62

12.71

```

Current Data Parameters
NAME          5M-11-14-Acetonide Alcohol
EXNO          3
PROCNO        1
DU            1/n
USER          subham

F2 - Acquisition Parameters
Date_         20090212
Time          1:02
INSTRUM       DP402
PROBHD        5 mm BBO BB-1H
PULPROG       zgpg30
TD            65536
SFO1          100.626130 MHz
AQ            21.585
RG            1.000
SMH           25125.629 Hz
FIDRES        0.328192 Hz
RG            1.03213
AQ            1.03213
RG            19.900 usec
DE            6.000 usec
DI            2.000 usec
D11           0.15000001 sec
DELTA         0.03000000 sec
TD0           1

===== CHANNEL f1 =====
NUC1          13C
P1            7.80 usec
PL1           -1.40 dB
SFO1          100.5785700 MHz

===== CHANNEL f2 =====
NAMEPRG2     waltz16
NUC2          135.00 usec
PCPD2        17.40 dB
PL2          17.40 dB
PL12         17.40 dB
SFO2         399.9516000 MHz

F2 - Processing parameters
SI           100.5675080 MHz
WDW          RM
SSB          0
GB           3.00 Hz
AB           0.00
PC           1.40
  
```