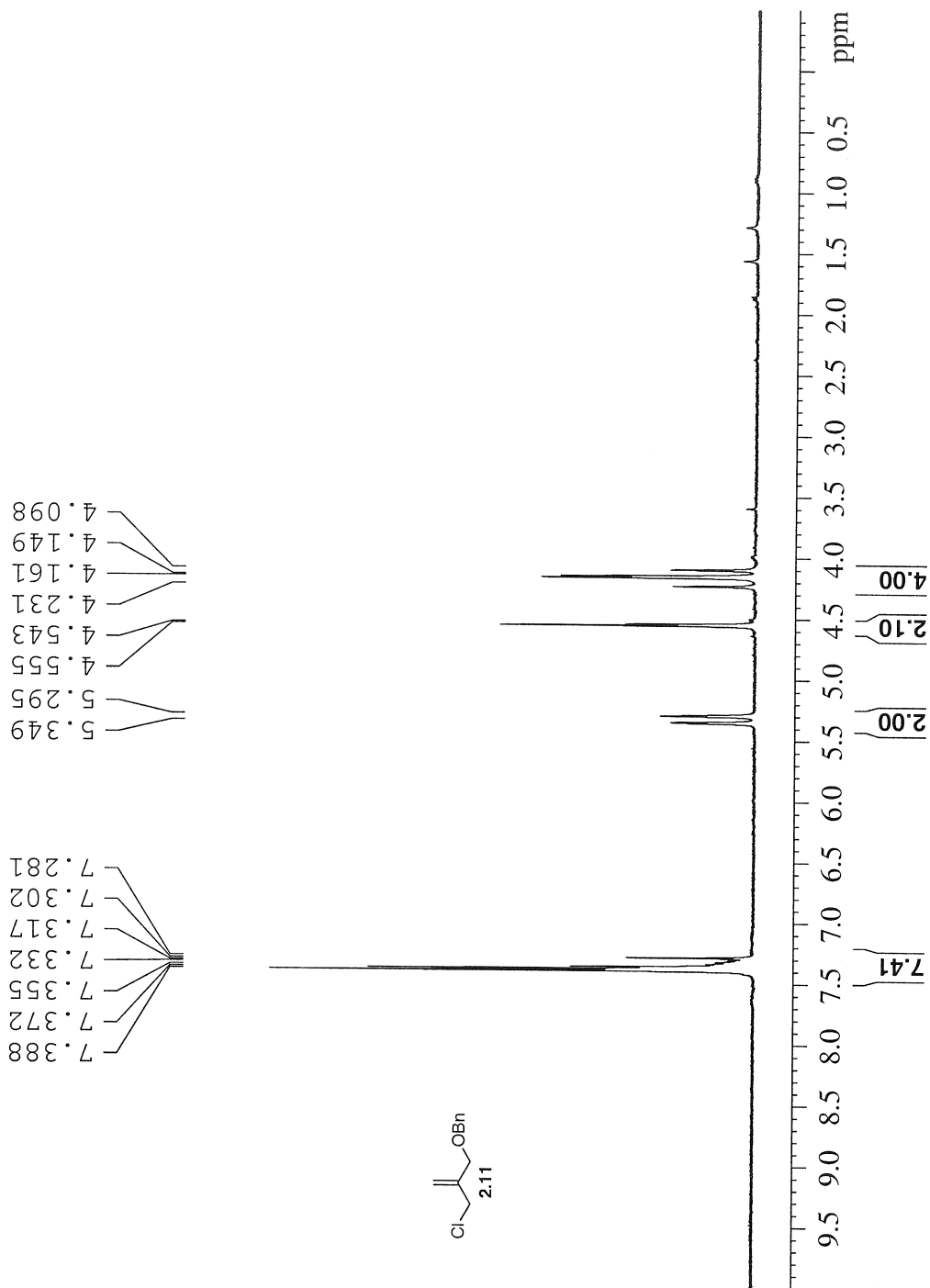


Current Data Parameters
 NAME 8-70
 EXPNO 1
 PROCNO 1
 USER Liang
 F2 - Acquisition Parameters
 Date_ 20080716
 Time 15:30
 INSTRUM DPX300
 PROBHD 5 mm QNP 1H/1
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 1
 DS 2
 SWH 4789.272 Hz
 FIDRES 0.146157 Hz
 AQ 3.44523 sec
 RG 574.7
 LW 104.400 usec
 DE 6.00 usec
 TE 298.2 K
 D1 2.0000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 9.00 usec
 PL1 -3.00 dB
 SF01 300.1321009 MHz

F2 - Processing Parameters
 SI 32768
 SF 300.1300000 MHz
 WDW no
 SSB 0
 GB 0
 PC 1.00



Current Data Parameters
 Name BF4BS_OBN
 EXPNO 7
 PROCNO 1
 CUV /A
 USER danf

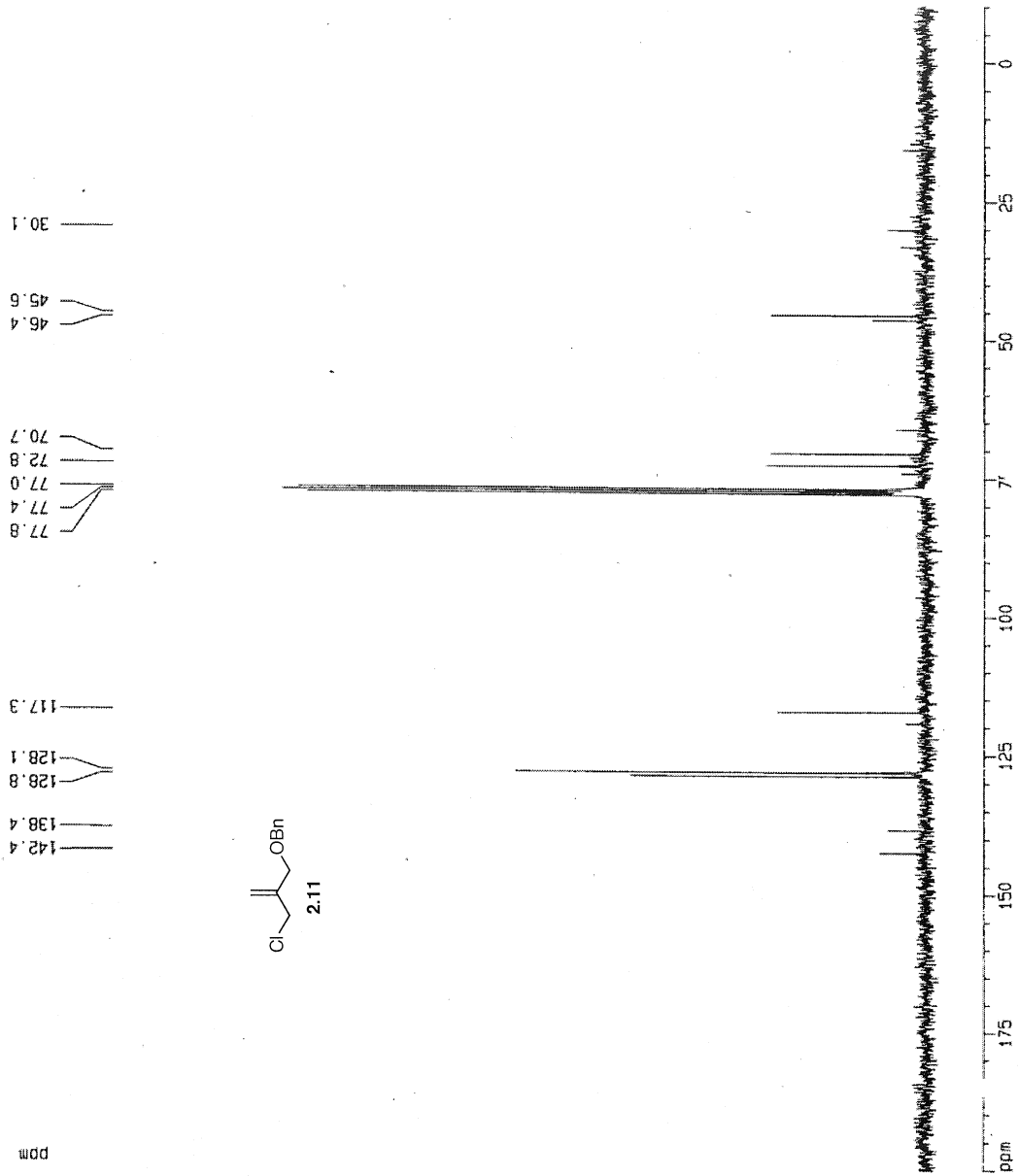
F2 - Acquisition Parameters
 Date_ 20040826
 Time 12.40
 INSTRUM dpx300
 PROBM 5 mm QNP 1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 513
 DS 2
 SWH 18892.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 16384
 DN 26.550 usec
 DE 8.00 usec
 TE 300.0 K
 D1 0.00300000 sec
 D11 0.03000000 sec
 D12 0.00002000 sec

***** CHANNEL f1 *****
 NUC1 13C
 P1 7.60 usec
 PL1 -3.00 dB
 SF01 75.4756431 MHz

***** CHANNEL f2 *****
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 usec
 PL2 2.00 dB
 PL12 17.55 dB
 PL13 19.00 dB
 SF02 300.1315007 MHz

F2 - Processing parameters
 SI 131072
 SF 75.4677190 MHz
 MDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

10 NMR plot parameters
 CX 20.00 cm
 F1P 200.000 ppm
 F1 15993.54 Hz
 F2P -10.000 ppm
 F2 -754.68 Hz
 PPMCM 50000 ppm/cm
 HZCM 107 Hz/cm



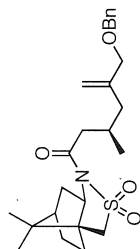
Current Data Parameters
 NAME DF487_Mg
 EXPNO 6
 PROCNO 1
 DU /n
 USER danf

F2 - Acquisition Parameters
 Date_ 20040706
 Time 17.04
 INSTRUM ddx400
 PROBHD 5 mm BBO Z-G
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SWH 5995.204 Hz
 FIDRES 0.18299 Hz
 AQ 2.7329011 sec
 RG 1149.4
 DW 83.400 usec
 DE 6.00 usec
 TE 300.0 K
 D1 2.0000000 sec

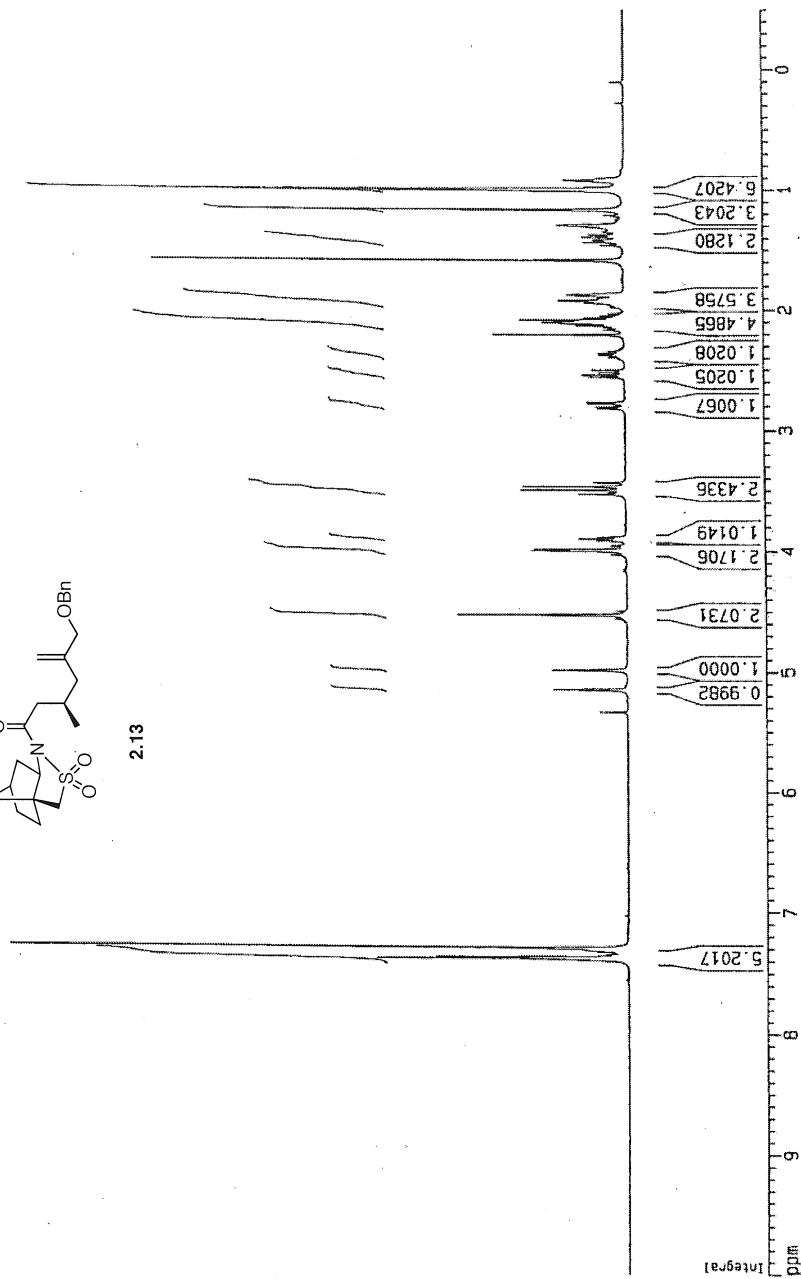
***** CHANNEL f1 *****
 NUC1 1H
 P1 11.30 usec
 PL1 0.00 dB
 SFO1 400.0126001 MHz

F2 - Processing parameters
 SI 65536
 SF 400.0100000 MHz
 WDW EM
 SSB 0
 LB 0.70 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.00 cm
 FIP 10.000 ppm
 F1 4000.10 Hz
 F2P -0.500 ppm
 F2 -200.01 Hz
 PPMCH 0.50000 ppm/c
 HZCN 200.00500 Hz/cr



2.13



```

Current Data Parameters
NAME      DF487_M0
EXPNO     6
PROCNO    1
DU        /1
USER      dent1

F2 - Acquisition Parameters
Date_     20040705
Time      11.42
INSTRUM   dpx300
PROBHD    5 mm QNP 1H
PULPROG   zgpg30
TD         65536
SOLVENT   NS
NS         778
DS         2
SMH        18832.353 Hz
FIDRES     0.287250 Hz
AQ         1.7400308 sec
RG         16384
DM         26.550 uSec
DE         6.00 uSec
TE         300.0 K
D1         0.60300000 sec
D11        0.63000000 sec
D12        0.60002000 sec

***** CHANNEL f1 *****
NUC1       13C
P1         7.60 uSec
PL1        -3.00 dB
SFO1       75.4756431 MHz

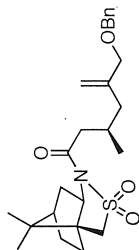
***** CHANNEL f2 *****
CPDPRG2    waltz16
NUC2       1H
P2         80.00 uSec
PL2         2.00 dB
PL12       17.55 dB
PL13       19.00 dB
SFO2       300.1315007 MHz

F2 - Processing parameters
SI         131072
SF         75.4577150 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40

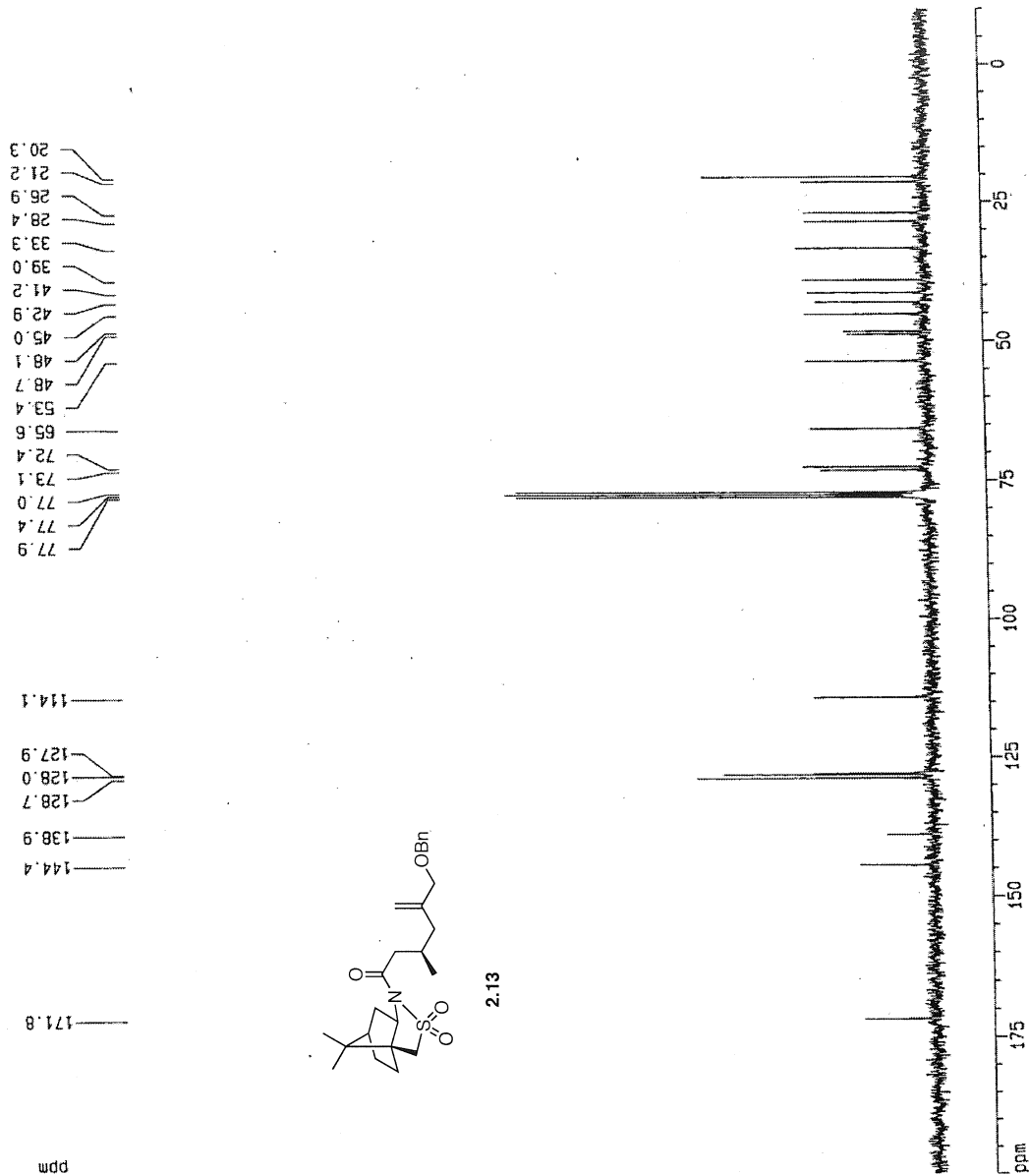
ID NMR plot parameters
CX         30.00 cm
F1P        200.000 ppm
F1         15093.54 Hz
F2P        -10.000 ppm
F2         -754.68 Hz
PPHQM      10.50000 ppm/cm
H2CH       792.41107 Hz/cm
    
```

77.9
77.4
77.0
73.1
72.4
65.6
53.4
48.7
48.1
45.0
42.9
41.2
39.0
33.3
28.4
26.9
21.2
20.3

171.8
144.4
138.9
128.7
128.0
127.9
114.1

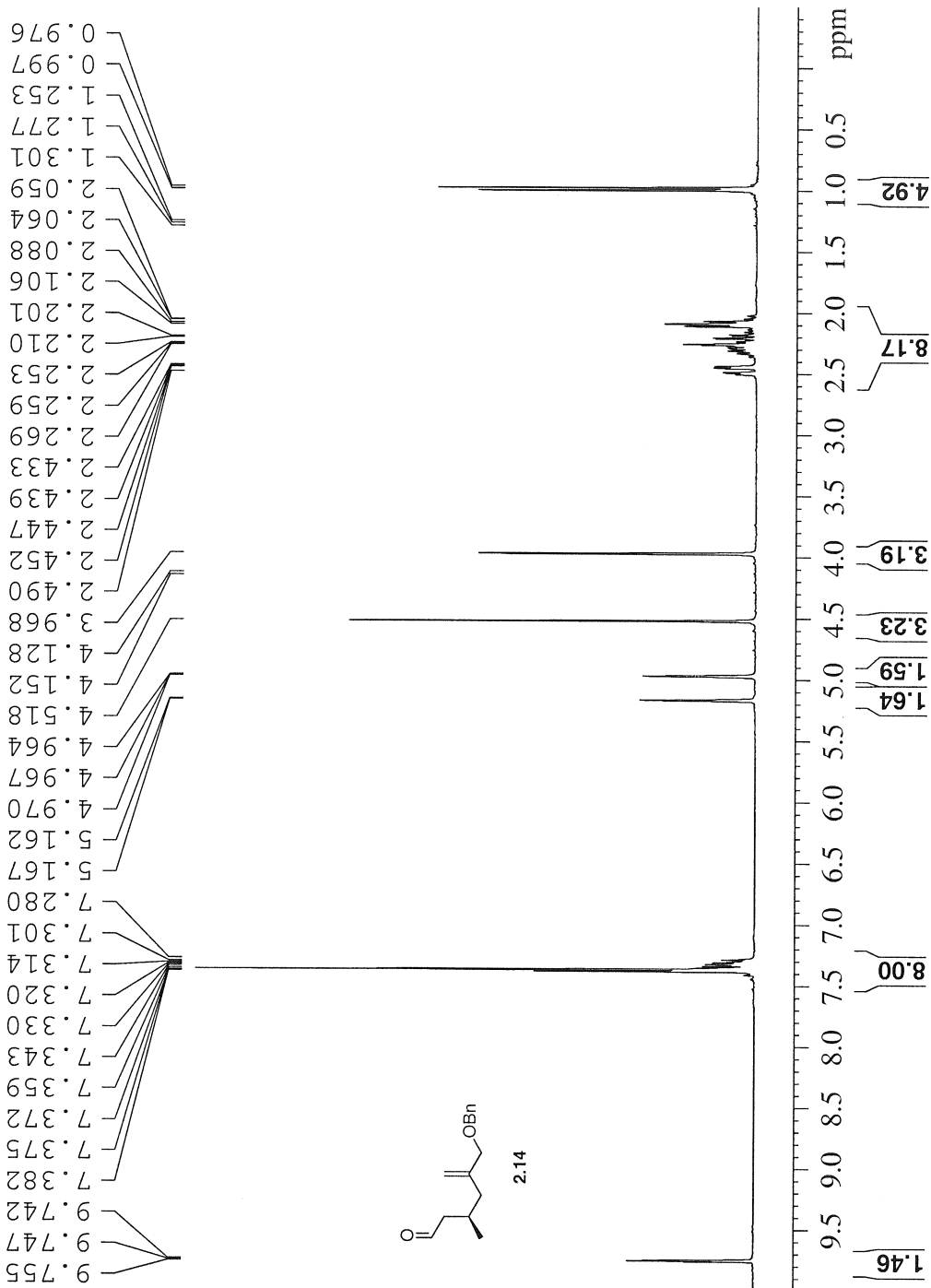


2.13



```

Current Data Parameters
NAME      49C-1-27
EXPNO    1
PROCNO   1
INSTR    zgpgar/n
USER
===== Acquisition Parameters
Date_    20060706
Time     15:47
INSTRUM  spect
PROBHD   5 mm QNP 1H/1
PULPROG  zg30
TD        32768
SOLVENT  CDCl3
NS        2
DS        2
SWH       4789.272 Hz
FIDRES    0.146157 Hz
AQ        3.421018 sec
RG         71.8
DW        104.400 usec
DE        6.00 usec
TE        298.2 K
TD0       2.00000000 sec
===== CHANNEL f1 =====
NUC1      1H
P1        8.00 usec
PL1       -3.00 dB
SFO1     300.1321009 MHz
===== Processing parameters
SI        32768
SF        300.1300000 MHz
WDW       EM
SSB       0
GB        0
PC        1.00
  
```



```

Current Data Parameters
NAME          fgc-I-27
EXPNO        13
PROCNO       2
DU           /n
USER         rgcarter

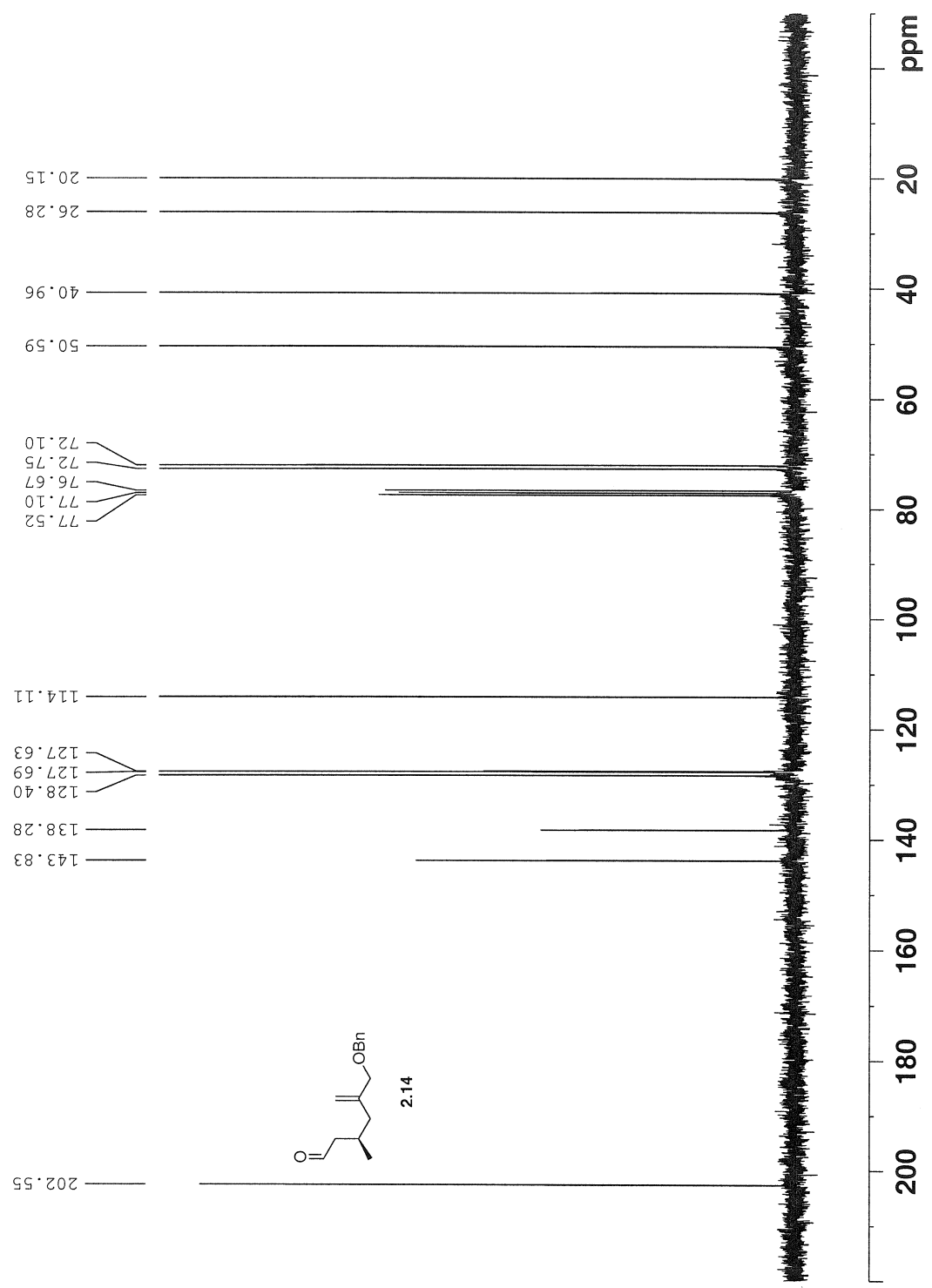
F2 - Acquisition Parameters
Date_        20060706
Time         17.12
INSTRUM     DEX300
PROBHD      5 mm QNP 1H/1
PULPROG     zgpg30
TD          65536
SOLVENT     CDCl3
NS          173
DS          1
SWH         18832.393 Hz
FIDRES     0.287360 Hz
AQ         1.7400308 s
RG         9195.2
DE         26.550 us
TE         298.2 K
D1         0.15000001 s
g11        0.03000000 s
DELTA      0.05000000 s
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         8.80 us
PL1        -3.00 dB
SFO1       75.4760505 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       1H
PCPD2      80.00 us
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
WDW        EM
SSB        0
LB         1.00 Hz
GB         0
PC         1.40

```



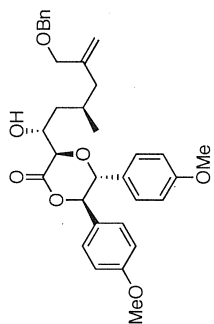
Current Data Parameters
 NAME DF46_A1001
 EXPNG 14
 PRGNG 1
 DU /A
 USER danf

F2 - Acquisition Parameters
 Date_ 20040707
 Time 17.24
 INSTRUM DBX400
 PROBO 5 mm BBO Z-G
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 32
 DS 2
 SMH 5995.204 Hz
 FIDRES 0.162959 Hz
 AQ 2.7329011 sec
 RG 512
 DM 63.400 USEC
 DE 6.00 USEC
 TE 300.0 K
 D1 2.0000000 sec

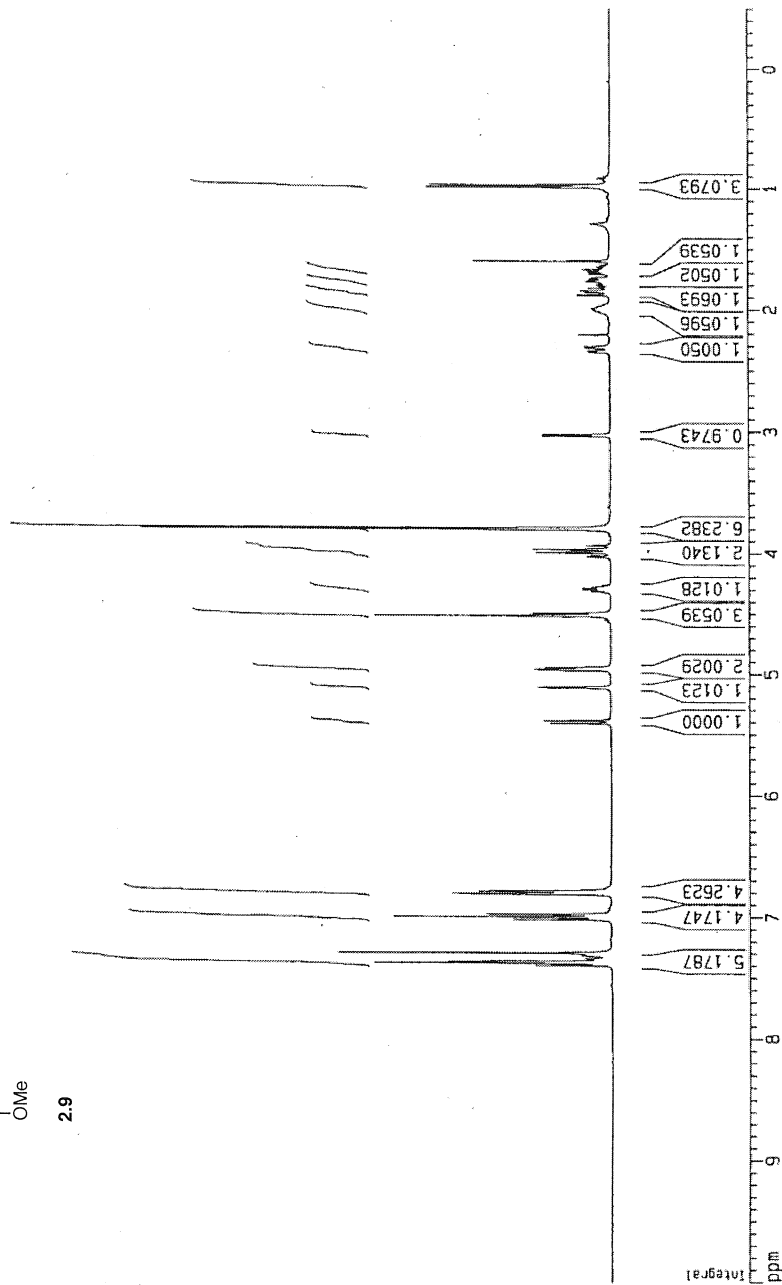
***** CHANNEL f1 *****
 NUC1 1H
 P1 11.30 usec
 PL1 0.00 dB
 SF01 400.0126001 MHz

F2 - Processing parameters
 SI 65536
 SF 400.0100000 MHz
 MDW EM
 SSB 0
 LB 0.70 Hz
 GB 0
 PC 1.00

1D NMR plot parameters
 CX 21.00 cm
 F1P 10.000 ppm
 F1 4000.10 Hz
 F2P -0.500 ppm
 F2 -200.01 Hz
 PPMCK 0.50000 ppm/c
 HZCM 200.00500 Hz/cf



2.9



```

Current Data Parameters
NAME      DF450_A1001
EXPNO    15
PROCNO   1
DU       /n
USER     dmf

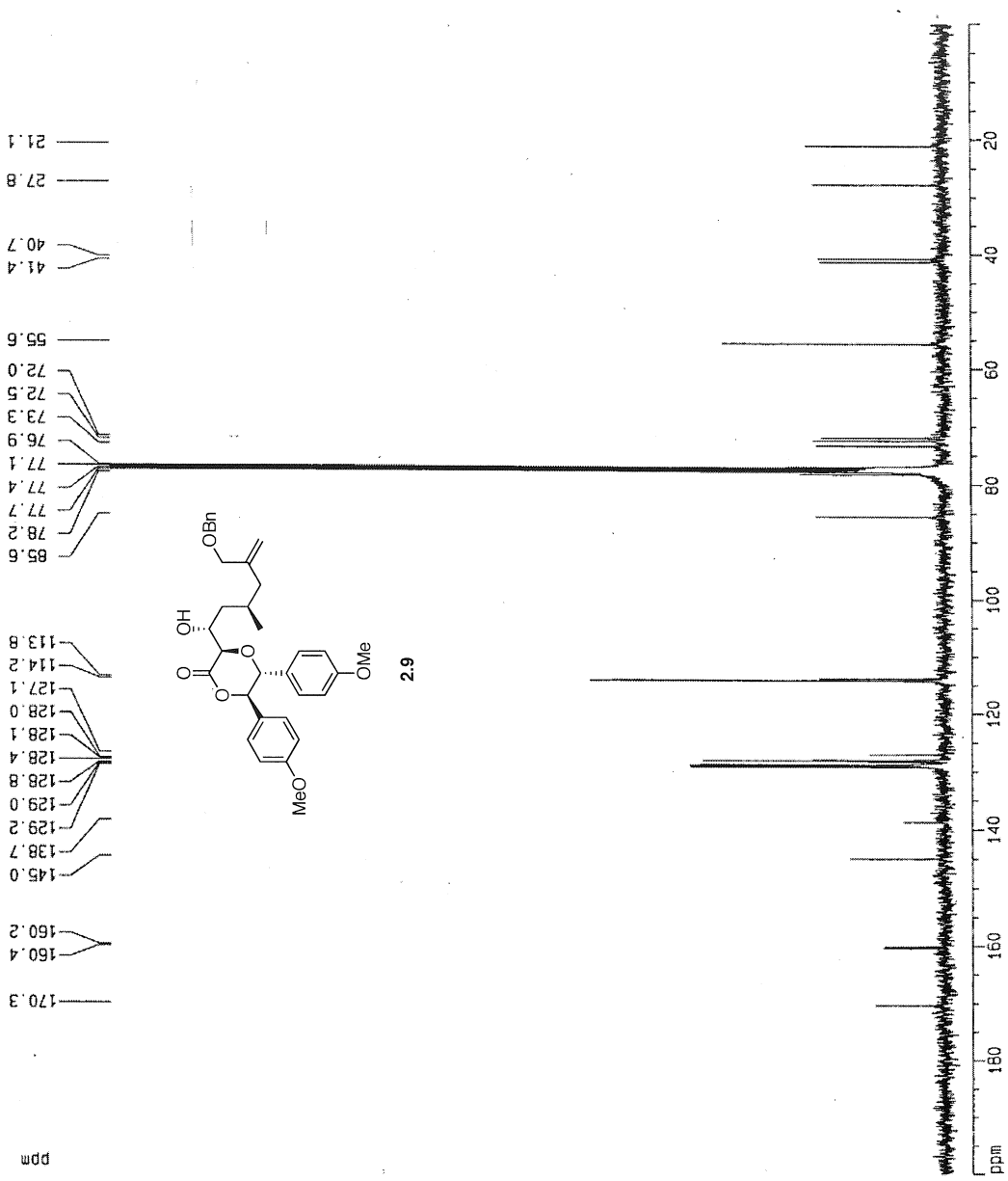
F2 - Acquisition Parameters
Date_    20040707
Time     17.47
INSTRUM  gdX400
PROBHD   5 mm BBO Z-G
PULPROG  zgpg30
TD       65536
SOLVENT  CDCl3
NS       4404
DS       4
SWH      25165.629 MHz
FIDRES   0.365367 Hz
AQ       1.3042164 sec
RG       2288.8
DM       19.900 USEC
DE       6.00 USEC
TE       300.0 K
D1       0.00300000 sec
D11      0.03000000 sec
D12      0.00002000 sec

***** CHANNEL f1 *****
NUC1     13C
P1       7.50 USEC
PL1      -3.00 dB
SFO1     100.6281595 MHz

***** CHANNEL f2 *****
CPDPRG2  waltz16
NUC2     1H
PCPD2    80.00 USEC
PL2      0.00 dB
PL12     17.40 dB
PL13     18.00 dB
SFO2     400.0116000 MHz

F2 - Processing parameters
SI       65536
SF       100.6281595 MHz
RG       EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40

1D NMR plot parameters
CX       20.00 cm
F1P      200.000 ppm
F1       2016.51 Hz
F2P      0.000 ppm
F2       0.00 Hz
PPMCH   10.00000 ppm/cm
HZCH    1005.00000 Hz/cm
    
```

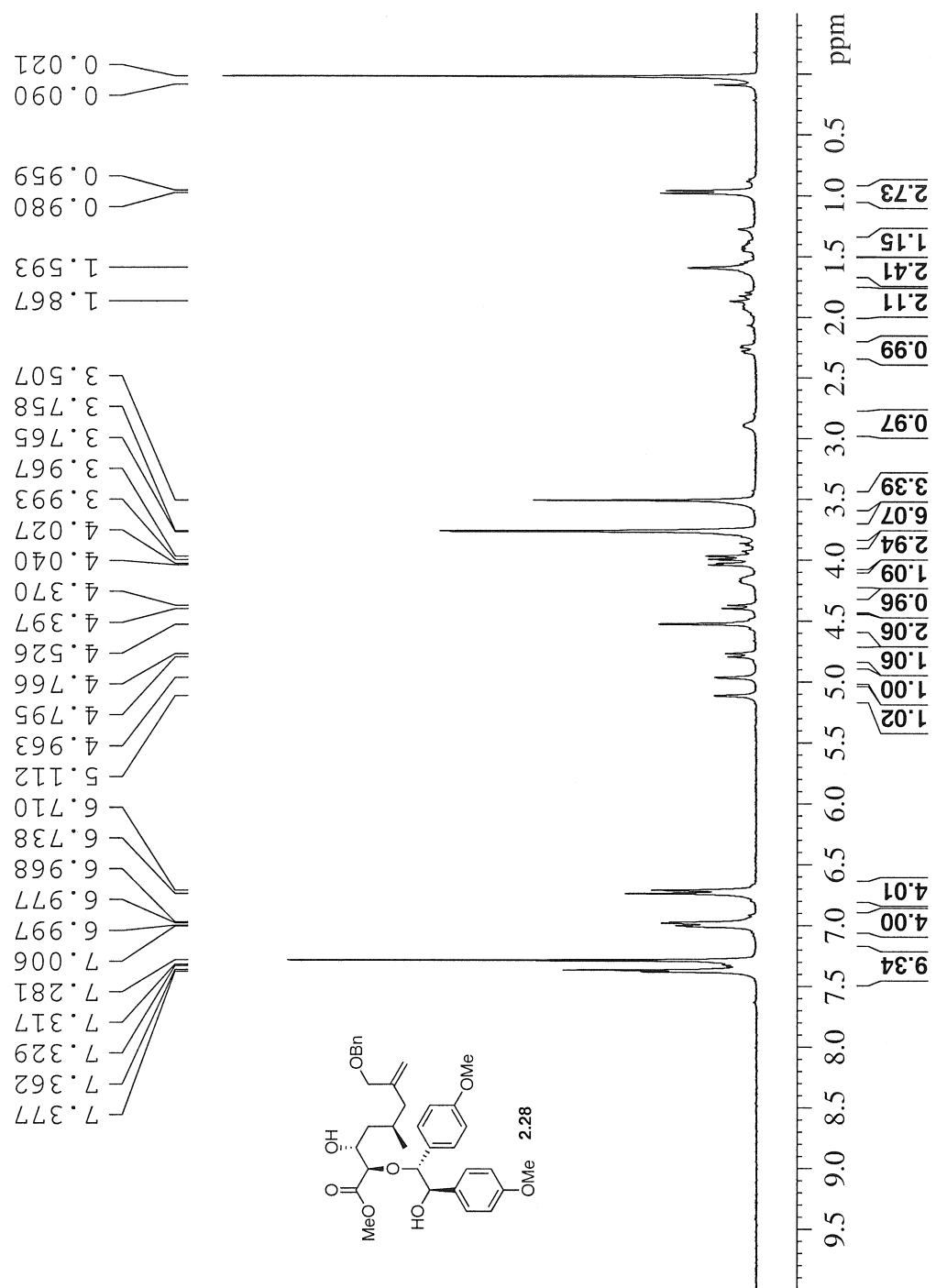



```

Current Data Parameters
NAME      methylacet3
EXPNO    1
PROCNO   1
PROCNO   1
USER      Liang
Date_    20051013
Time     22:34
INSTRUM  spect
PROBHD   5 mm QNP 1H/1
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
NS       20
DS       2
SMH      4789.272 Hz
FIDRES   0.146157 Hz
AQ       3.420033 sec
RG       912.71
DW       104.400 usec
DE       6.00 usec
TE       286.2 K
D1       2.00000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1     13C
P1       8.00 usec
PL1      -3.00 dB
SFO1     300.1321009 MHz

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



```

Current Data Parameters
NAME      DF499_MeOH
EXPNO     8
PROCNO    1
DU         /c
USER      danf

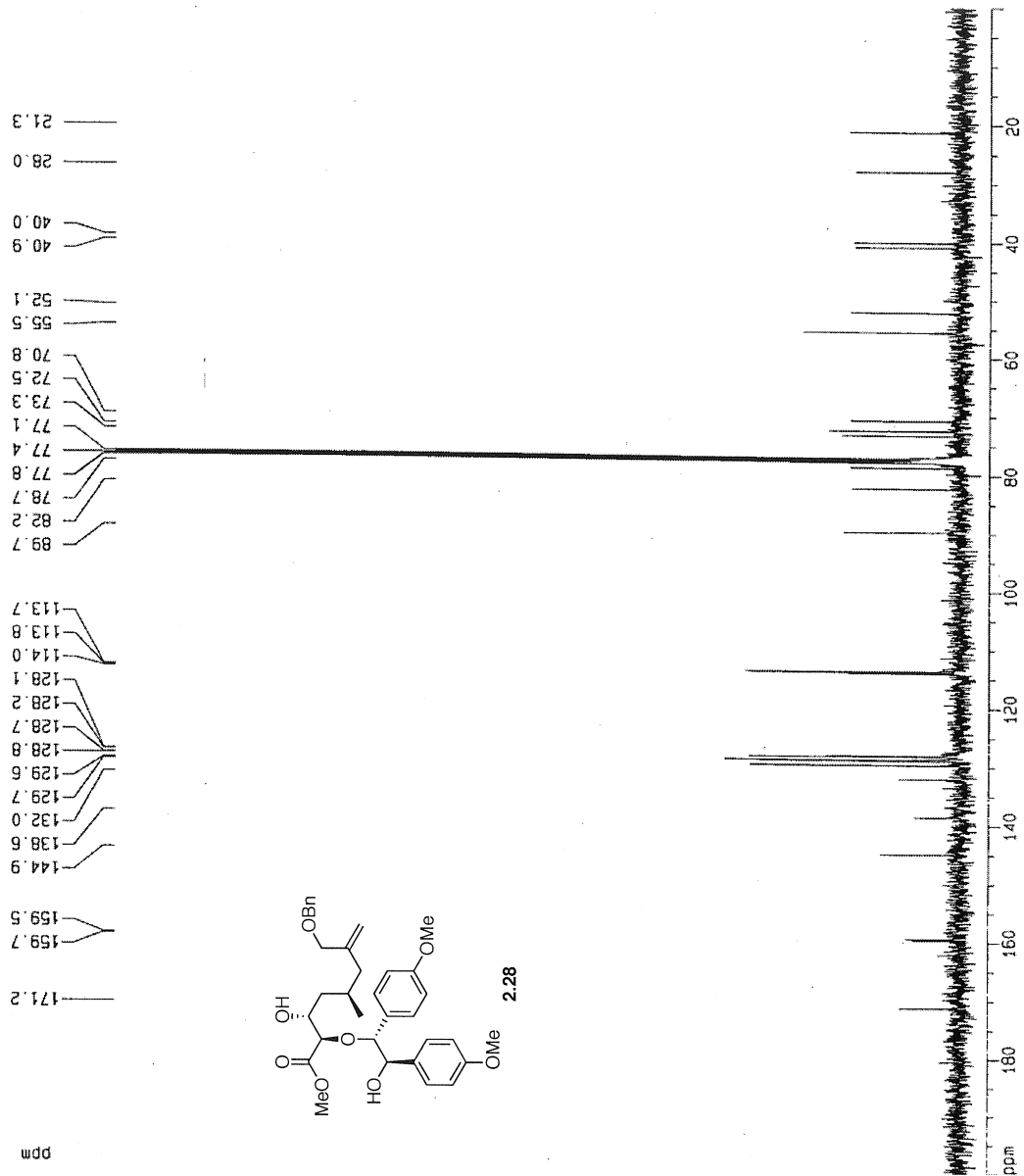
F2 - Acquisition Parameters
Date_     20040625
Time      14.10
INSTRUM   spect
PROBHD    5 mm BBO 2-G
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         802
DS         4
SWH        25125.629 Hz
FIDRES     0.383367 Hz
AQ         1.3042154 sec
RG         4095
DN         19.900 usec
TE         300.0 K
D1         0.00300000 sec
D11        0.03000000 sec
D12        0.00020000 sec

***** CHANNEL f1 *****
NUC1       13C
P1         7.50 usec
PL1        0.00 dB
SFO1       100.625166 MHz

***** CHANNEL f2 *****
CPOPRG2    waltz16
NUC2       1H
P2         80.00 usec
PL2        0.00 dB
PL12       17.40 dB
PL13       18.00 dB
SFO2       400.0116000 MHz

F2 - Processing parameters
SI         65536
SF         100.625166 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40

ID NMR plot parameters
Cx         20.00 cm
FAP        200.000 ppm
F1         20116.51 Hz
F2P        0.300 ppm
F2         0.00 Hz
PPMCH      10.00000 ppm/cm
HZCM       1005.0 Hz/cm
    
```



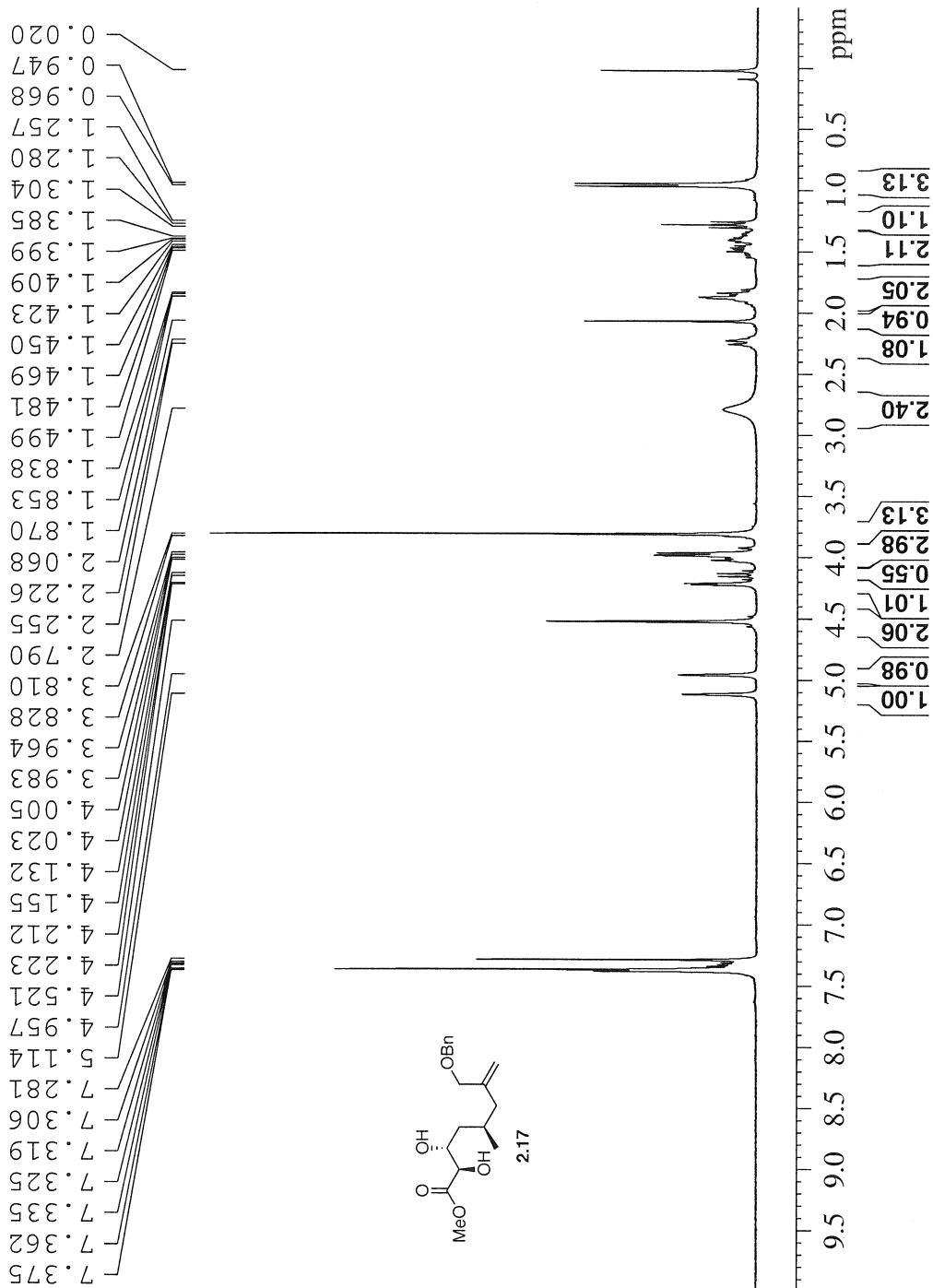
```

Current Data Parameters
NAME      lu-diol010
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20060106
Time     12.04
INSTRUM spect
PROBHD   5 mm QNP 1
PULPROG zg30
TD       32768
SOLVENT  CDCl3
DS       2
SMH      4789.272 Hz
FIDRES   0.146157 Hz
AQ       3.4210291 sec
RG       274.5
DW       104.400 usec
DE       6.00 usec
TE       296.2 K
D1       2.00000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1     1H
P1       9.00 usec
PL1      -2.00 dB
SFO1     300.1321009 MHz

F2 - Processing Parameters
SI       32768
SF       300.1300000 MHz
WDW      EM
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```



```

Current Data Parameters
NAME      DF300_CAN
EXPNO    7
PROCNO   1
DU       /n
USER     dant

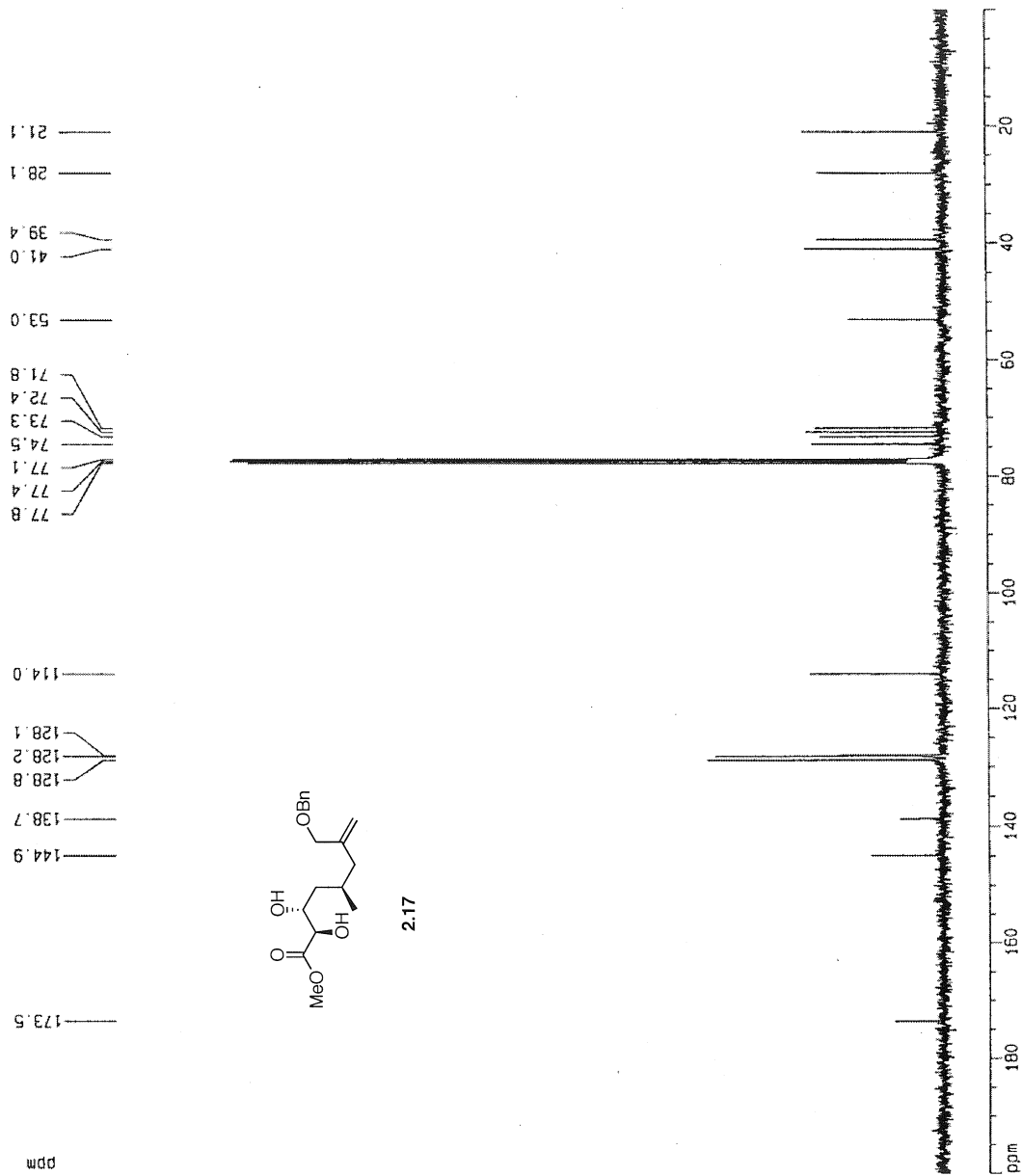
F2 - Acquisition Parameters
Date_    20040423
Time     15:02
INSTRUM  dd400
PROBHD   5 mm BBO Z-G
PULPROG  zgpg30
TD       65536
SOLVENT  CDCl3
NS       1024
DS       4
SWH      25125.629 Hz
FIDRES   0.393387 Hz
AQ       1.3042164 sec
RG       1024
Dw       19.900 usec
DE       6.00 usec
TE       300.0 K
D1       0.00300000 sec
D11      0.03000000 sec
D12      0.00002000 sec

***** CHANNEL f1 *****
NUC1     13C
P1       7.50 usec
PL1      -3.00 dB
SFO1     100.5996186 MHz

***** CHANNEL f2 *****
CPDPRG2  waltz16
NUC2     1H
PCPD2    80.00 usec
PL2      0.00 dB
PL12     17.40 dB
PL13     18.00 dB
SFO2     400.0115000 MHz

F2 - Processing parameters
SI       65536
SF       100.582550 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40

10 NMR plot parameters
CX       20.00 cm
F1P      200.000 ppm
F1       20116.51 Hz
F2P      0.000 ppm
F2       0.00 Hz
PFRACH   10.0000 ppm/cm
HZCK     1003.82596 Hz/cm
    
```



2.17

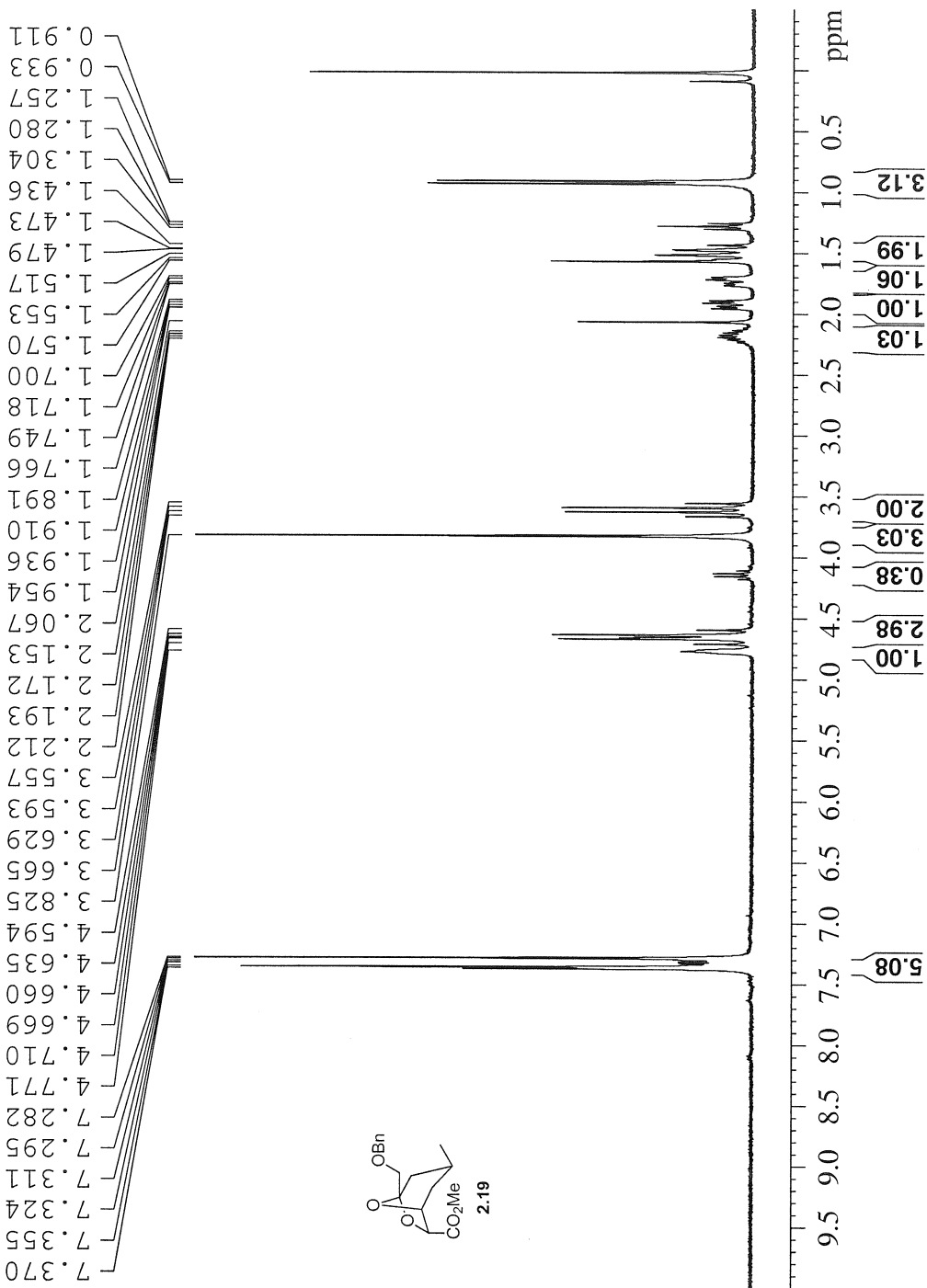
```

Current Data Parameters
NAME lu-bicyclicester
EXENO 1
PROCNO 1
USER Liang

F2 - Acquisition Parameters
Date_ 20060110
Time_ 11:11
INSTRUM DPX300
PROBHD 5 mm QNP 1H/1
PULPROG zg30
AQ 32768
SOLVENT CHL3
NS 32
DS 2
SWH 4789.272 Hz
FIDRES 0.146357 Hz
RG 3.421317 sec
RG 832.7
DW 104.400 usec
DE 6.00 usec
TE 300.2 K
D1 2.00000000 sec
TD0 1

===== CHANNEL F1 =====
NUC1 13
P1 9.00 usec
PL1 -1.00 dB
SFO1 300.1321009 MHz

F2 - Processing parameters
SI 32768
SF 300.1300000 MHz
WDW no
SSB 0
LB 0
GB 0
PC 1.00
    
```



```

Current Data Parameters
NAME DF501_Ozon
EXPNO 14
PROCNO 1
DI /n
USER dant

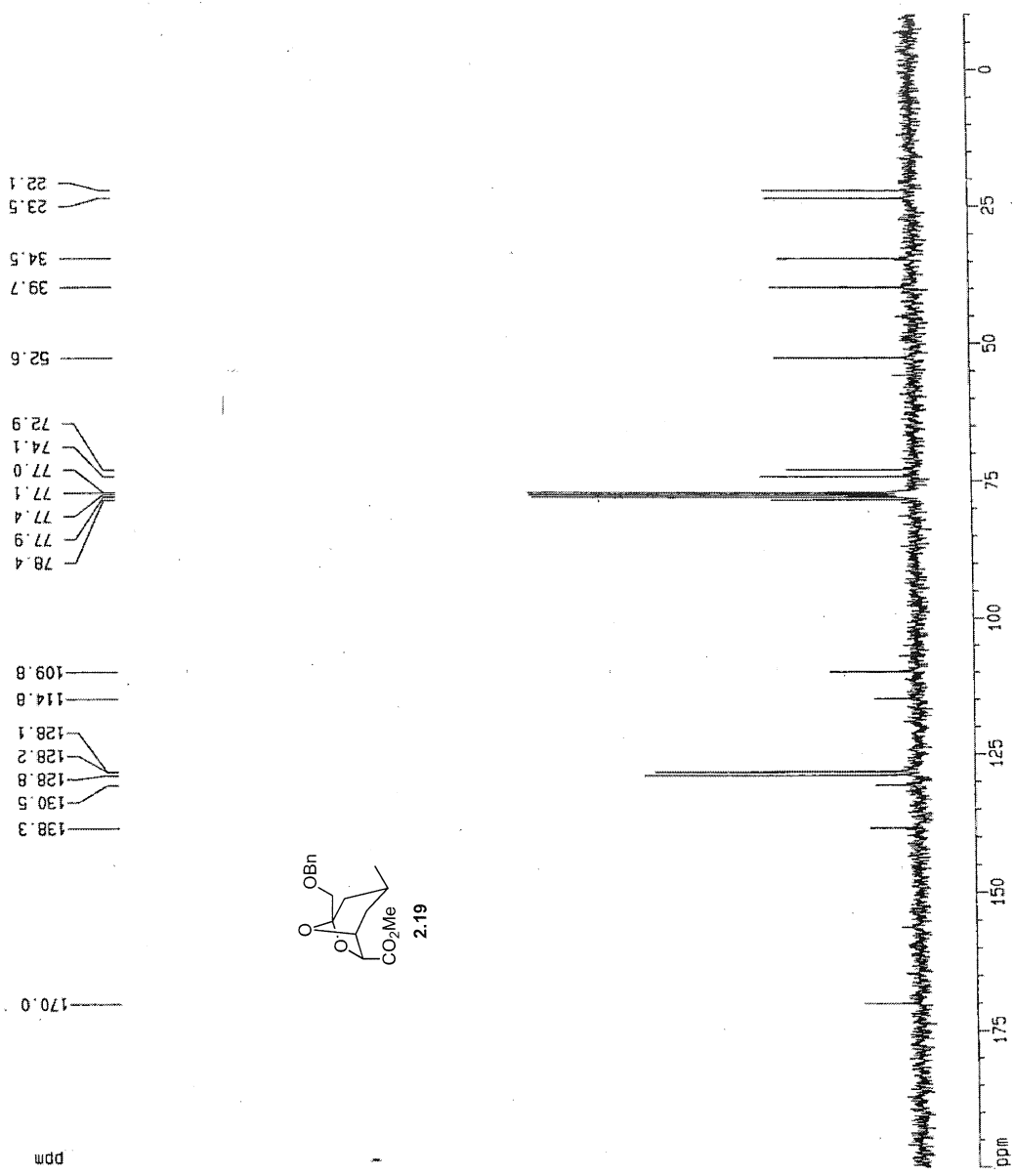
F2 - Acquisition Parameters
Date_ 20040831
Time 9:24
INSTRUM gpc300
PROBHD 5 mm QNP 1H
PULPROG zgpg30
TD 65536
SOLVENT NS
NS 264
DS 2
SWH 18832.393 Hz
FIDRES 0.287360 Hz
AQ 1.7400308 sec
RG 13004
OH 26.550 USEC
DE 6.00 USEC
TE 300.0 K
D1 0.00300000 sec
D11 0.03000000 sec
D12 0.00020000 sec

***** CHANNEL f1 *****
NUC1 13C
P1 7.60 USEC
PL1 -3.00 dB
SFO1 75.4756431 MHz

***** CHANNEL f2 *****
CPOPRG2 waltz16
NUC2 1H
PCPD2 80.00 USEC
PL2 2.00 dB
PL12 17.50 dB
PL13 19.00 dB
SFO2 300.1315007 MHz

F2 - Processing parameters
SI 131072
SF 75.4677190 MHz
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40

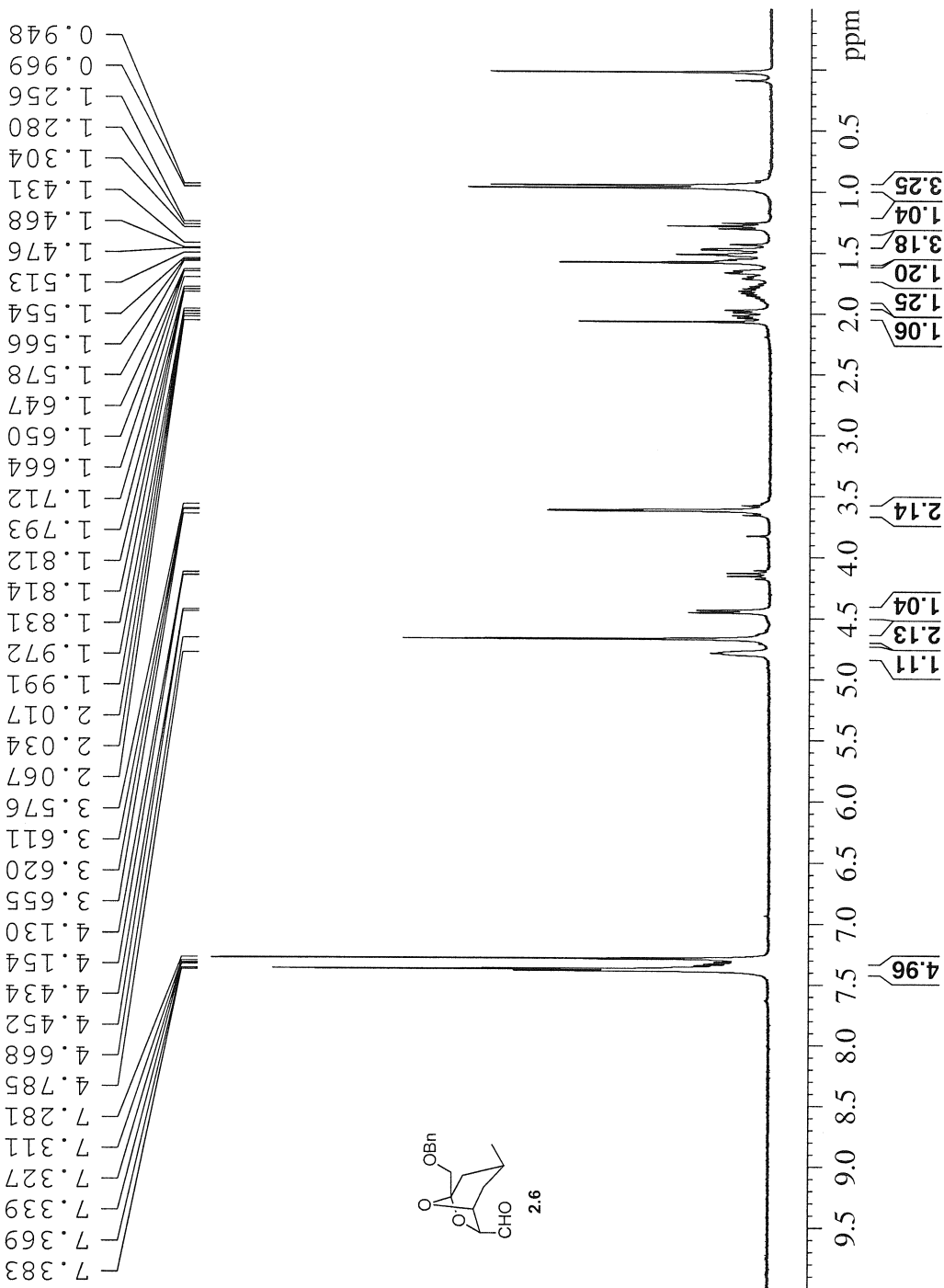
1D NMR plot parameters
CX 20.00 cm
FIP 200.000 ppm
F1 15093.54 Hz
F2 -10.000 ppm
PP4CM 10.50000 ppm/cm
HZCM 792.41107 Hz/cm
    
```

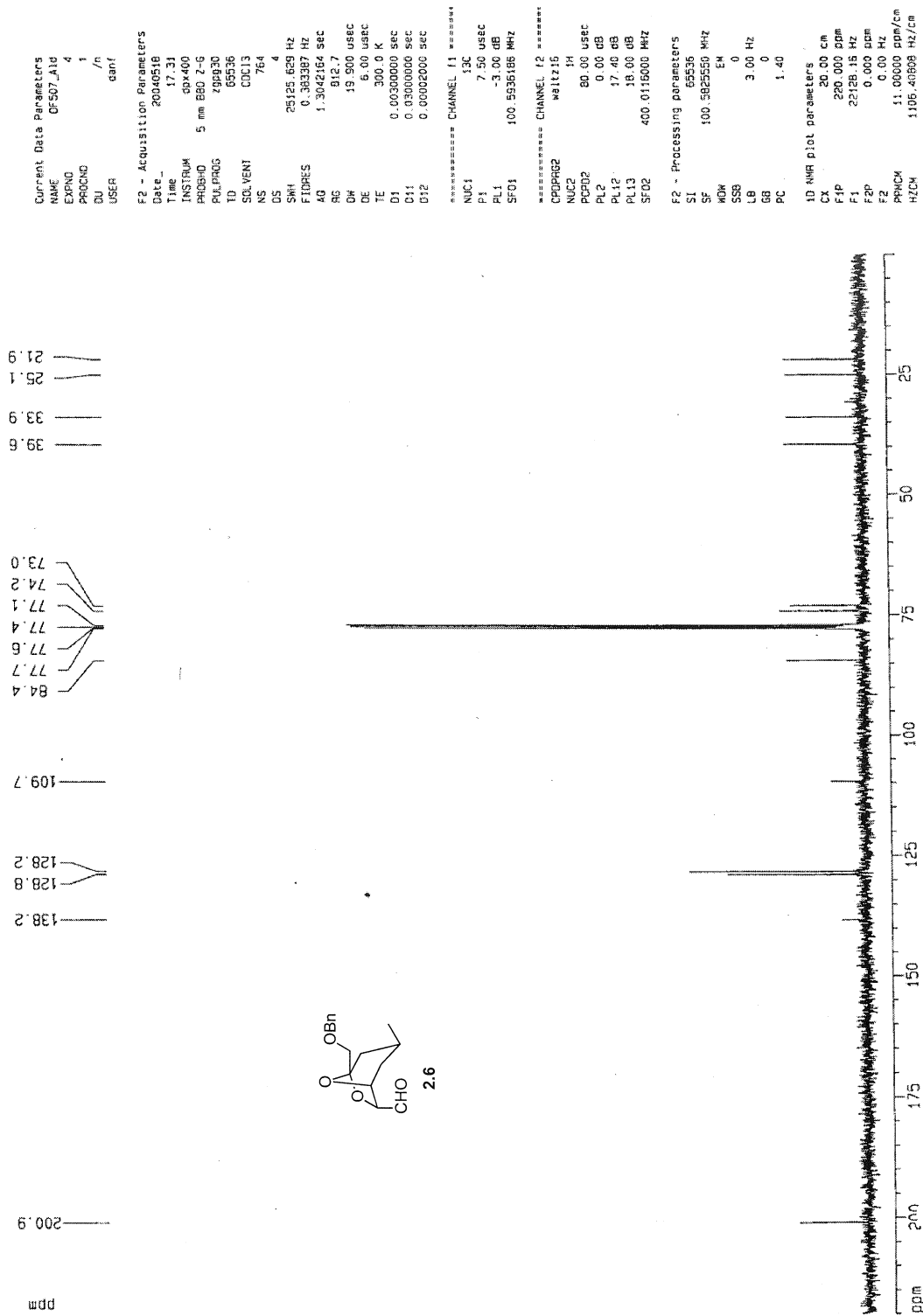


```

Current Data Parameters
Sample: 1u-Dicyclicacetylide
PROCNO: 1
DU: /n
USER: Liang
F2 - Acquisition Parameters
Date_: 20060111
Time: 16.55
INSTRUM: DPX300
PROBHD: 5 mm QNP
PULPROG: zg30
TD: 32768
SOLVENT: CDCl3
NS: 32
DS: 2
SWH: 4789.272 Hz
FIDRES: 0.146157 Hz
AQ: 3.4210271 sec
RG: 7.77
DM: 102400 usec
DE: 6.00 usec
TE: 296.2 K
D1: 2.00000000 sec
TDO: 1

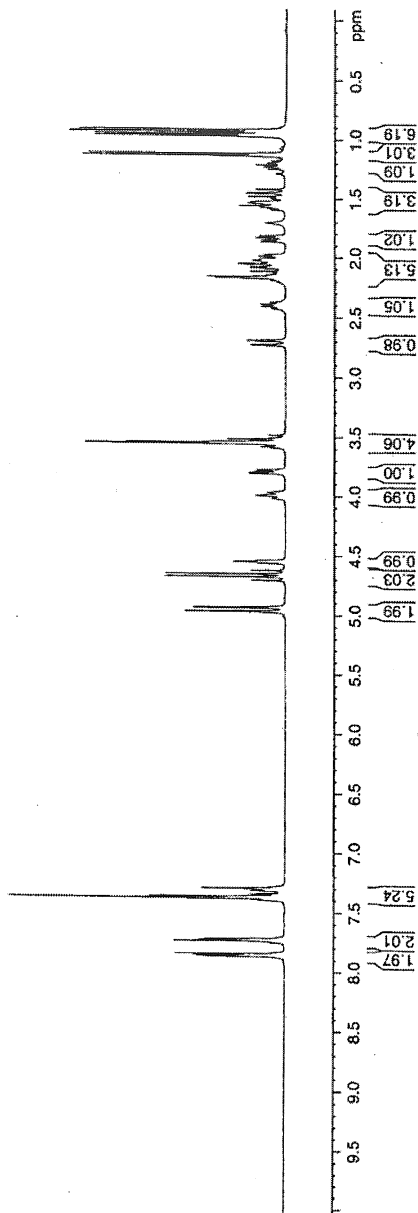
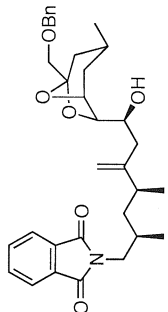
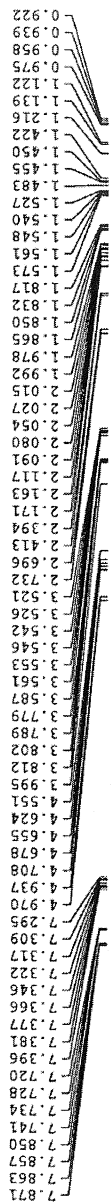
===== CHANNEL f1 =====
NUC1: 1H
P1: 9.00 usec
PL1: 0
SFO1: 300.1321009 MHz
F2 - Processing parameters
SI: 32768
SF: 300.1300000 MHz
WDW: rmc
SSB: 0
LB: 0.00 Hz
GB: 0
PC: 1.00
  
```






```

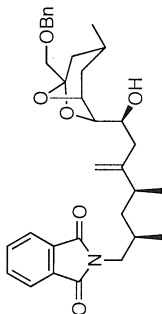
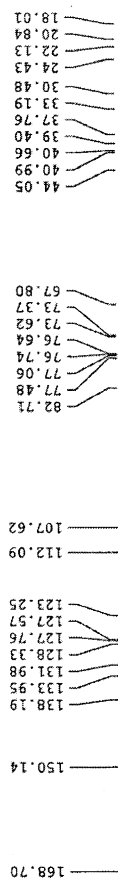
Current Data Parameters
NAME XZ-XI-72
EXPNO 3
PROCNO 1
F2 - Acquisition Parameters
Time 200819.47
INSTRUM DEK400
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 32
DS 4
SWH 6410.252 Hz
FIDRES 0.195625 Hz
AQ 2.5559840 sec
RG 143.7
DE 6.00 usec
TE 298.2 K
D1 2.0000000 sec
TDO 1
===== CHANNEL f1 =====
NUC1 1H
P1 14.70 usec
SFO1 400.0126001 MHz
F2 - Processing parameters
SI 32768
SF 400.0100000 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00
  
```



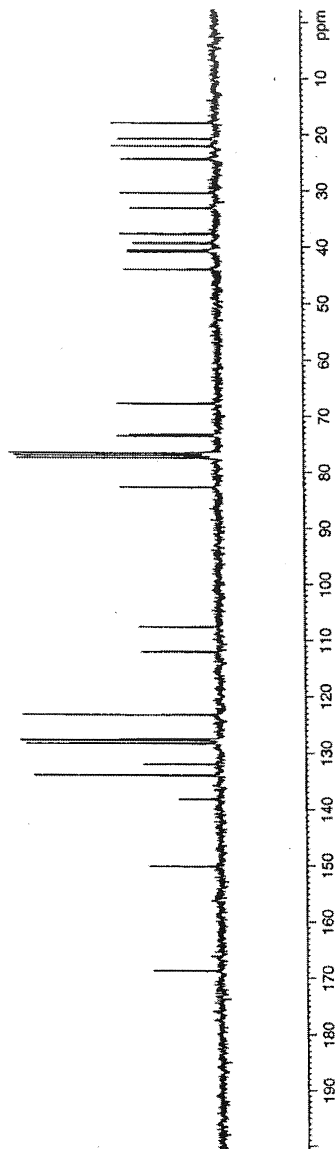
C13

```

Current Data Parameters
NAME XZ-XI-89
EXPNO 8
PROCNO 1
PROCDS 1
USER xzhou
=====
F2 - Acquisition Parameters
Date_ 20080808
Time 18.03
INSTRUM DFX300
PROBHD 5 mm QNP
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
DS 4
SMH 16832.393 Mz
FIDRES 0.287360 Hz
AQ 1.8852 SEC
RG 919.2
DM 26.550 usec
DE 6.00 usec
TE 300.2 K
D1 0.1500000 sec
d11 0.0300000 sec
DELTA 0.0500000 sec
TDO 1
===== CHANNEL f1 =====
NUC1 13C
P1 8.80 usec
SFO1 75.47760505 MHz
===== CHANNEL f2 =====
NUC2 1H
P2 12.00 usec
SFO2 300.1312005 MHz
=====
F2 - Processing parameters
SI 32768
SF 75.4677490 MHz
WDW EM
SSB 0
LB 3.00 Hz
GB 0
FC 1.40
    
```



2.23

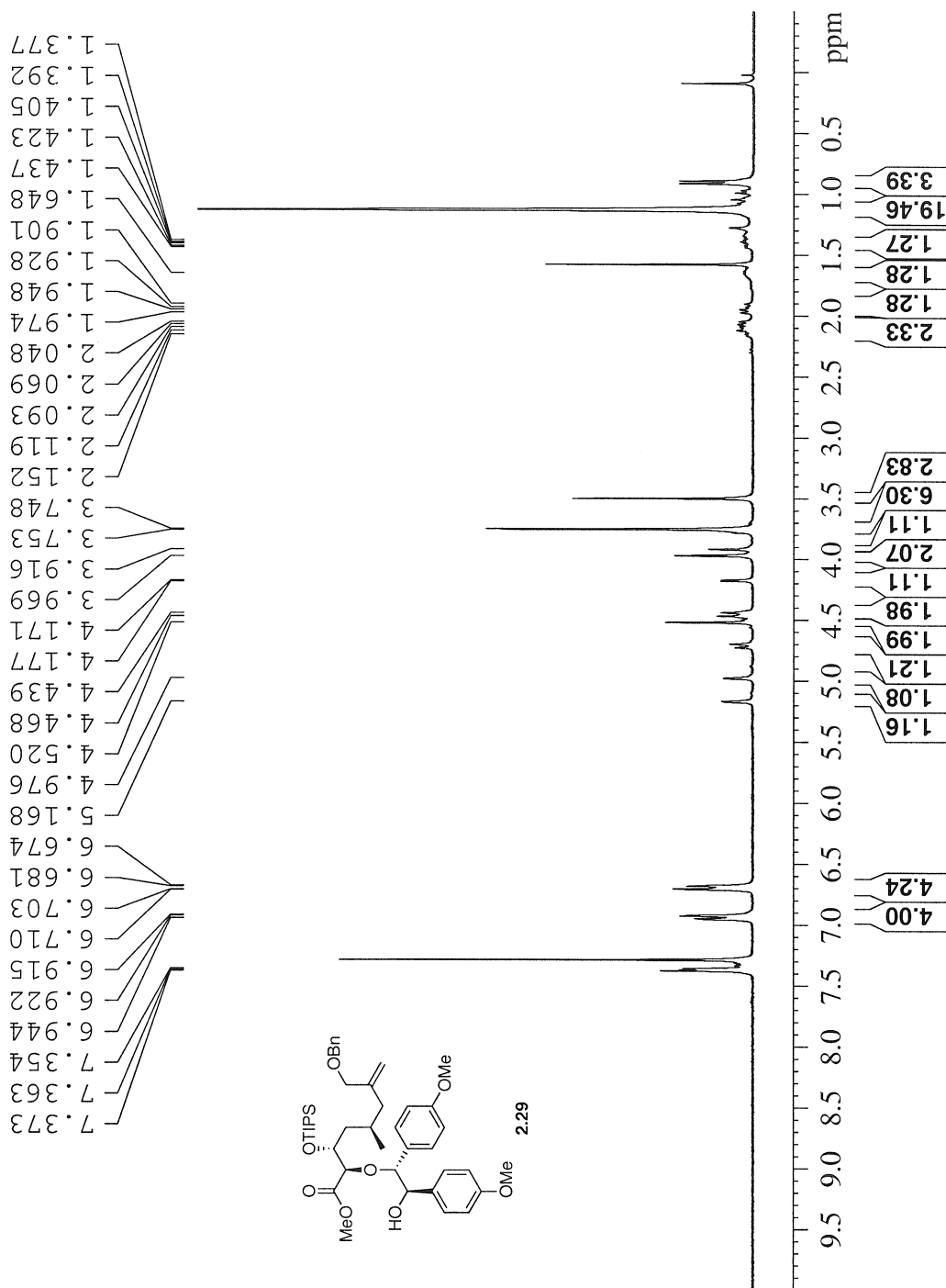


Current Data Parameters
 NAME methylsteroids
 EXPNO 1
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20060227
 Time 15.44
 Hostname mv
 PROBRW 5 mm QNP 2H/1
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 DS 32
 SWH 4789.272 Hz
 FIDRES 0.146157 Hz
 AQ 3.4250971 sec
 RG 655.5
 DW 104.400 usec
 DE 6.00 usec
 TE 295.2 K
 TL
 TDO 2.0000000 sec

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 -2.00 dB
 SFO1 300.1321009 MHz

F2 - Processing parameters
 SI 32768
 SF 300.1300000 MHz
 WDW ro
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00



```

Current Data Parameters
NAME      LUL-033106-1
EXPNO    1
PROCNO   1
DU       /h
USER     liang

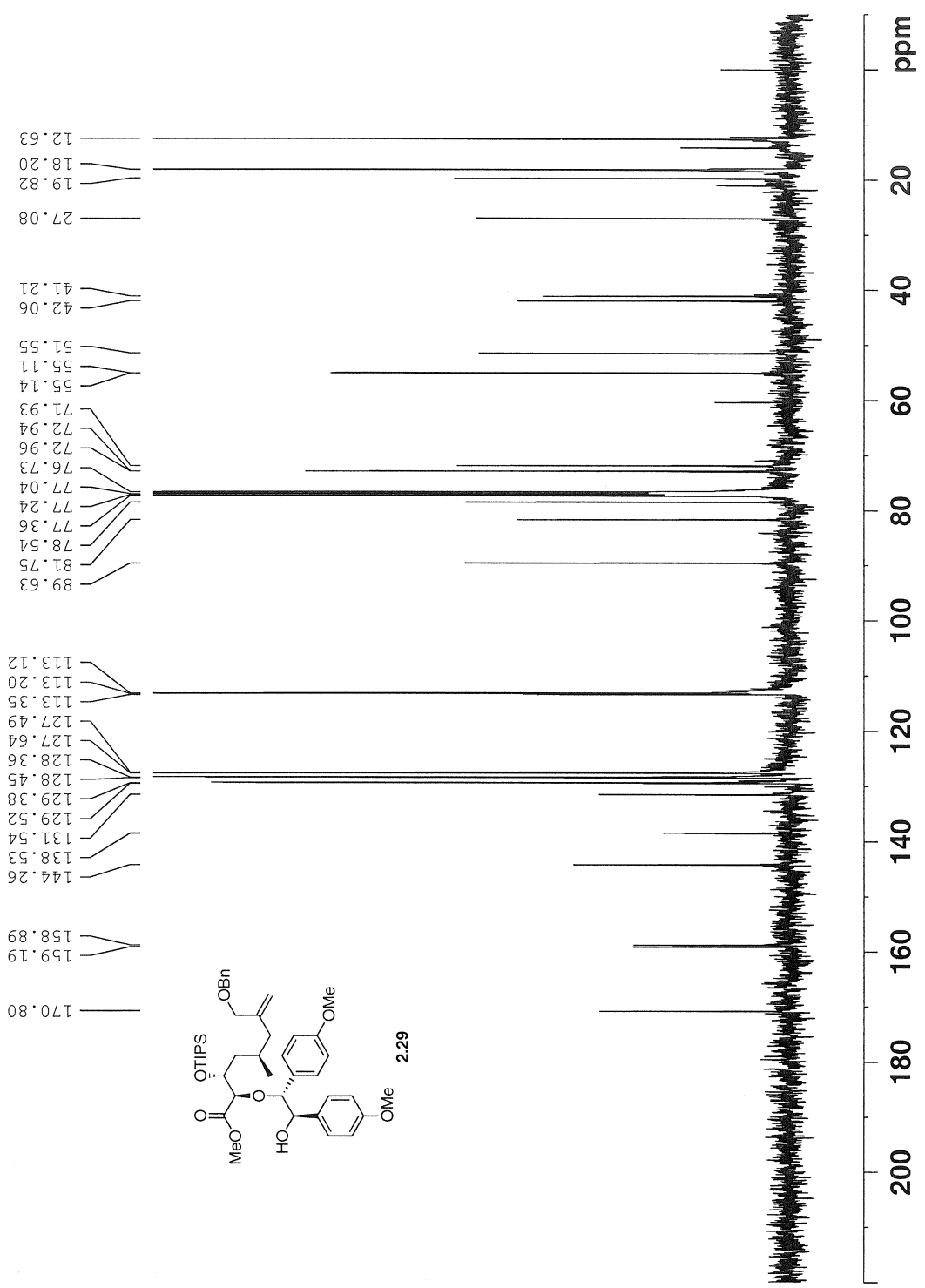
F2 - Acquisition Parameters
Date_    20060331
Time     15.07
INSTRUM  DFX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  CDCl3
NS       1504
DS       4
SWH      25195.629 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 sec
RG       7298.2
DW       19.900 usec
DE       6.00 usec
TE       298.2 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     100.5936391 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2     1H
PCPD2    135.00 usec
PL2      17.40 dB
PL12     17.40 dB
PL13     17.40 dB
SFO2     400.0116000 MHz

F2 - Processing parameters
SI       32768
SF       100.5825950 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40

```

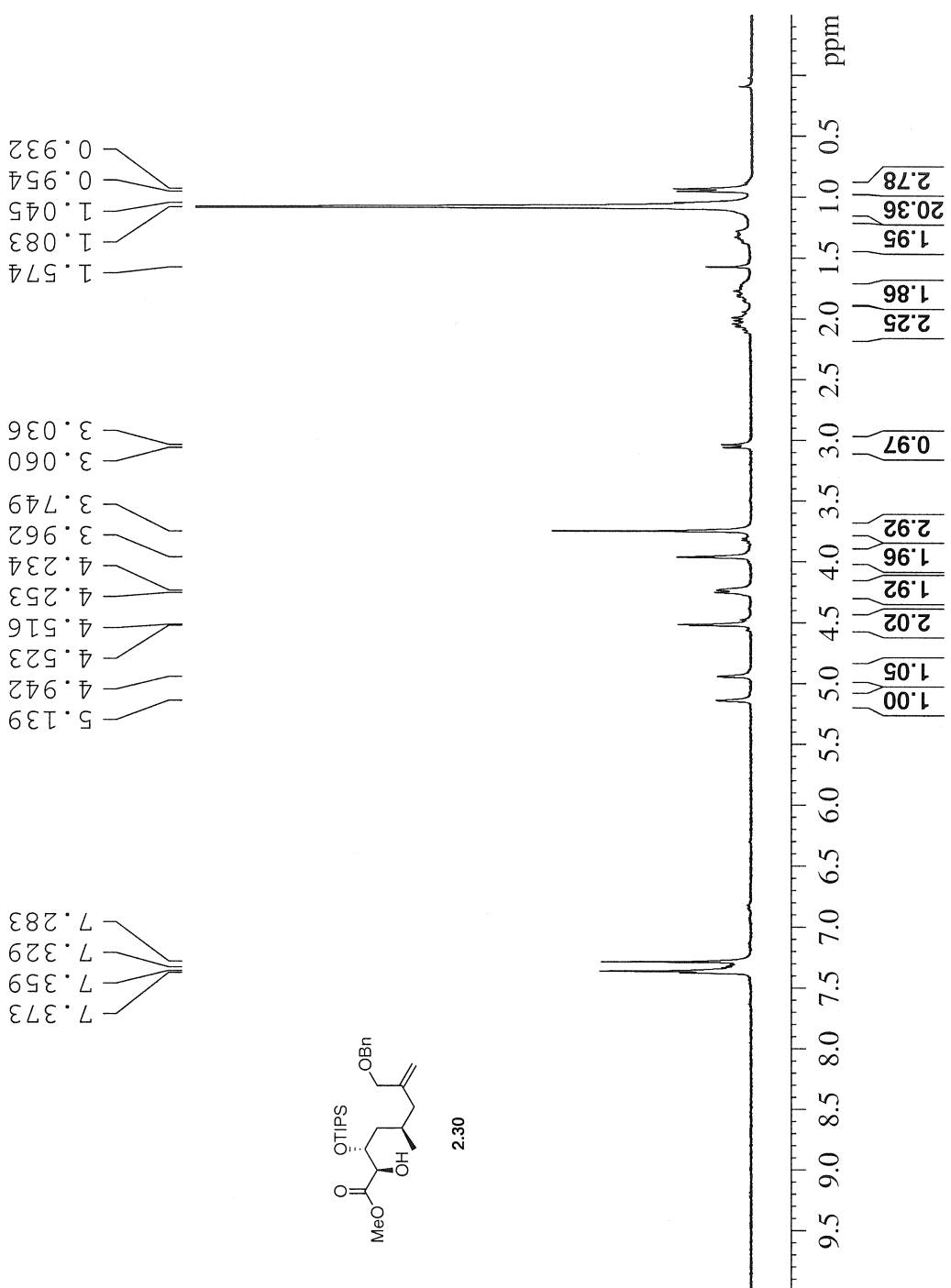


Current Data Parameters
 NAME E11-03206-5
 EXPNO 1
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20060302
 Time 16:57
 INSTRUM spect
 PROBRD 5 mm QNP 1H/1
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 DS 1
 SWH 4789.272 Hz
 FIDRES 0.146557 Hz
 AQ 3.420291 sec
 RG 512
 DW 104.400 usec
 DE 6.00 usec
 TE 295.2 K
 D1 2.0000000 sec
 TDO 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 9.00 usec
 PL1 -1.00 dB
 SFO1 300.1321009 MHz

F2 - Processing Parameters
 SI 32768
 SF 300.1300000 MHz
 WDM no
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00



```

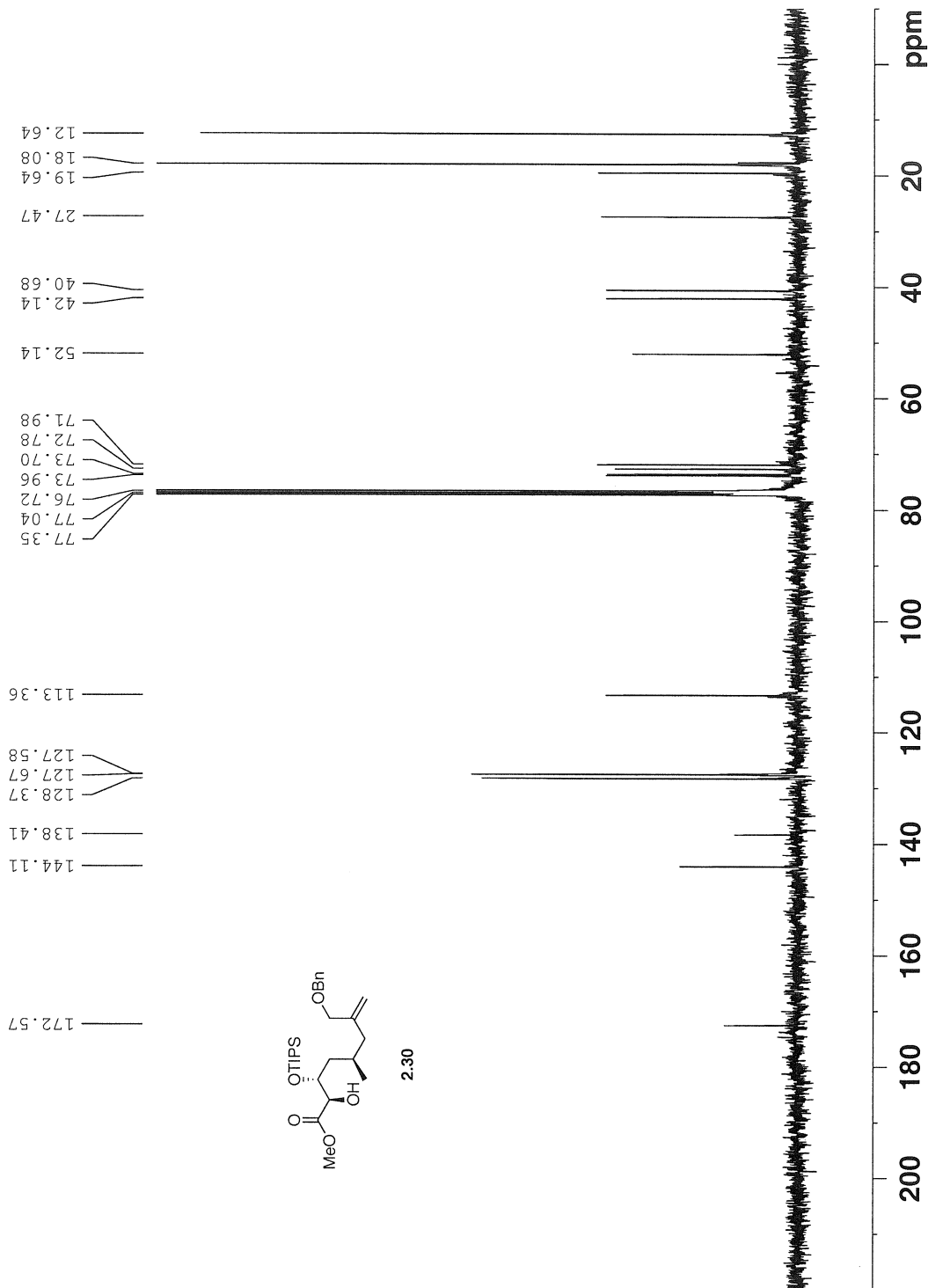
Current Data Parameters
NAME      LUL-27-exp040606
EXPNO    2
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20060407
Time     10.31
INSTRUM  DEX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  1780
NS       4
DS       2
SWH      25125.629 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 s
RG       4597.6
DM       19.900 us
DE       6.00 us
TE       298.2 K
D1       0.15000001 s
g11      0.03000000 s
DELTA    0.05000000 s
TD0      1

===== CHANNEL f1 =====
NUC1     13C
P1       7.80 us
PL1      -2.00 dB
SFO1     100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2     1H
PCPD2    135.00 us
PL2      17.40 dB
PL12     17.40 dB
PL13     17.40 dB
SFO2     400.0116000 MHz

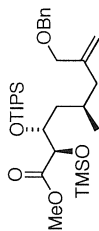
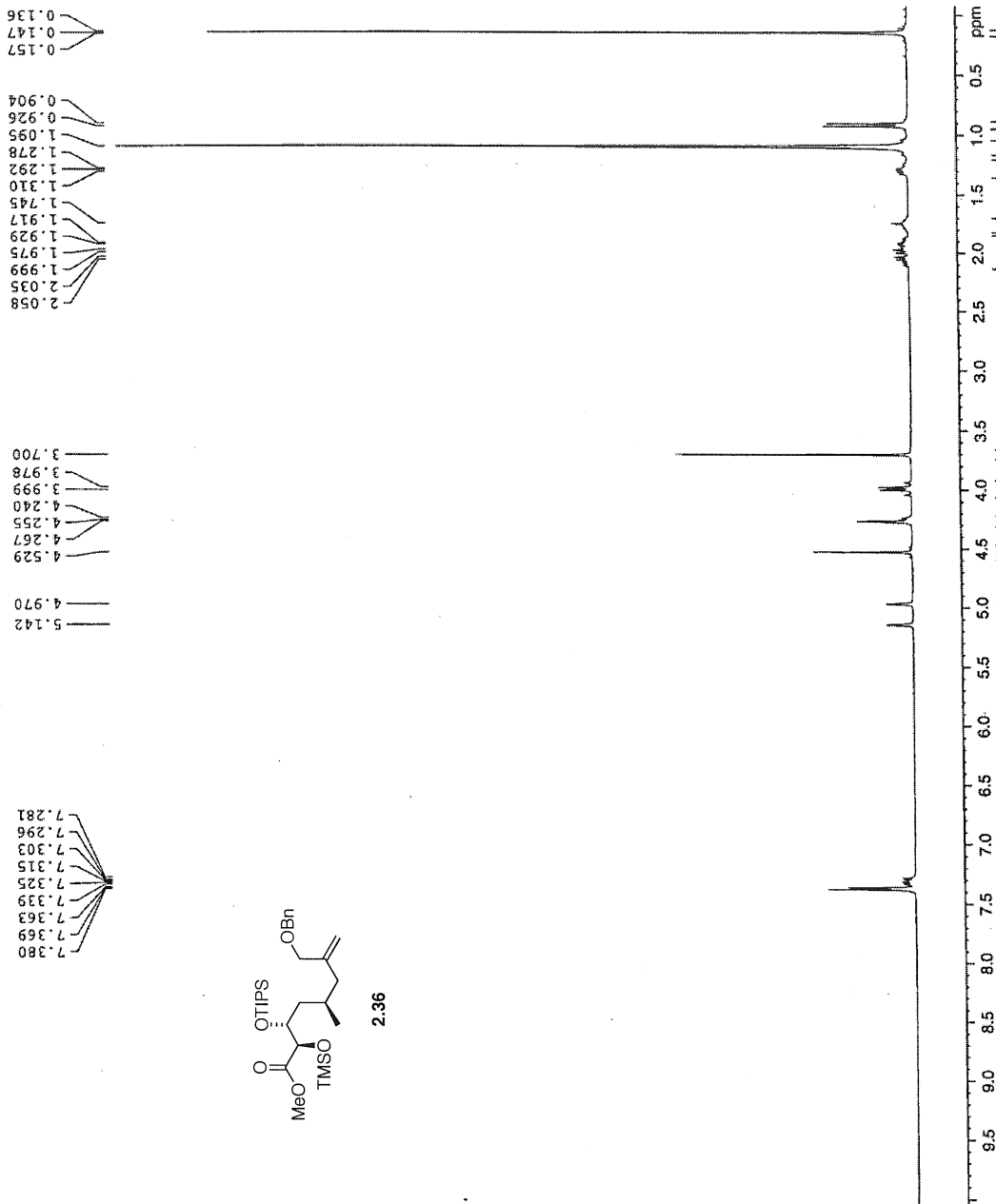
F2 - Processing parameters
SI       32768
SF       100.5825950 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40
    
```



2.30

```

Current Data Parameters
NAME      XZ-X-17
EXPNO     1
PROCNO    1
F2 - Acquisition Parameters
Date_     20031018
Time      12.10
INSTRUM   DEK300
PROBHD    5 mm QNP 1H/1
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         32
DS         2
SWH        4789.272 Hz
FIDRES    0.14657 Hz
AQ         3.421453 sec
RG         32
BW         104.400 usec
ZG         6.00 usec
ZG2        295.00 usec
TE         2.0000000 sec
TD0        1
===== CHANNEL f1 =====
NUC1       13C
P1         0.10 usec
PL         -3.00 dB
SFO1       300.1321003 MHz
F2 - Processing parameters
SI         32768
SF         300.1300000 MHz
WDW        EM
SSB        0
LB         0.30 Hz
GB         0
CR         1.00
PC
  
```



2.36

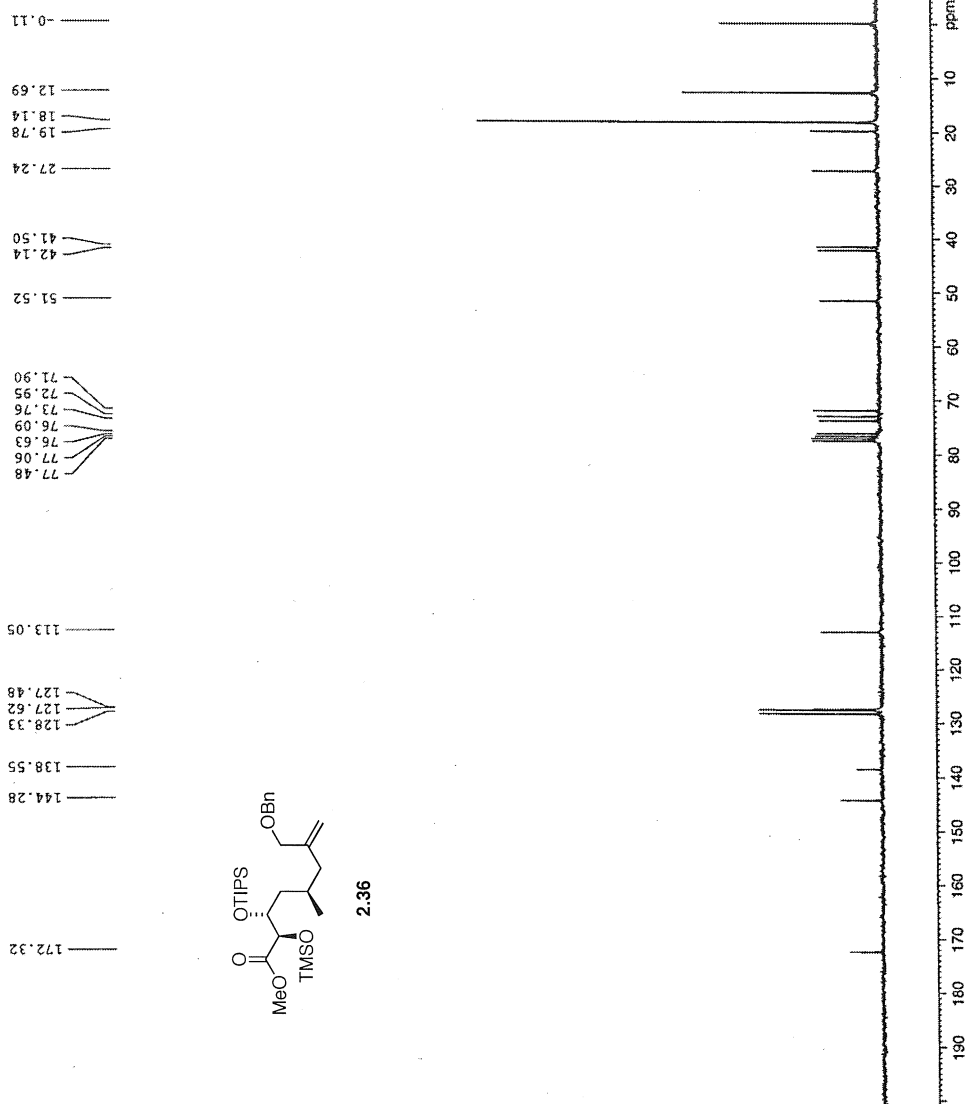
C13/TMS ether

Current Data Parameters
 NAME XZ-XI-17
 EXPNO 7
 PROCNO 7
 DA 19970404
 USER xzhou /H
 F2 - Acquisition Parameters
 Date_ 20060308
 Time 12.15
 INSTRUM spect
 PROGRAM 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 FIDRES 0.3816
 AQ 1.70
 SOLVENT CDCl3
 NS 170
 DS 4
 SWH 1832.184 Hz
 FWHM 18.287360 Hz
 PRESS 1.7400308 sec
 AC 1.7400308 sec
 RG 13004
 GC 2.0000000 sec
 IN 2.0000000 sec
 DE 2.0000000 sec
 TE 296.2 K
 D1 0.1500001 sec
 D11 0.1500001 sec
 DELTA 0.0500000 sec
 TEO 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 8.80 usec
 PL1 0.00 dB
 SFO1 75.476300 MHz

===== CHANNEL f2 =====
 NUC2 1H
 P2 18.00 usec
 PL2 19.00 dB
 PL12 17.50 dB
 PL13 17.50 dB
 SFO2 300.132005 MHz

F2 - Processing parameters
 SI 32768
 SF 75.4677680 MHz
 DSF 20
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

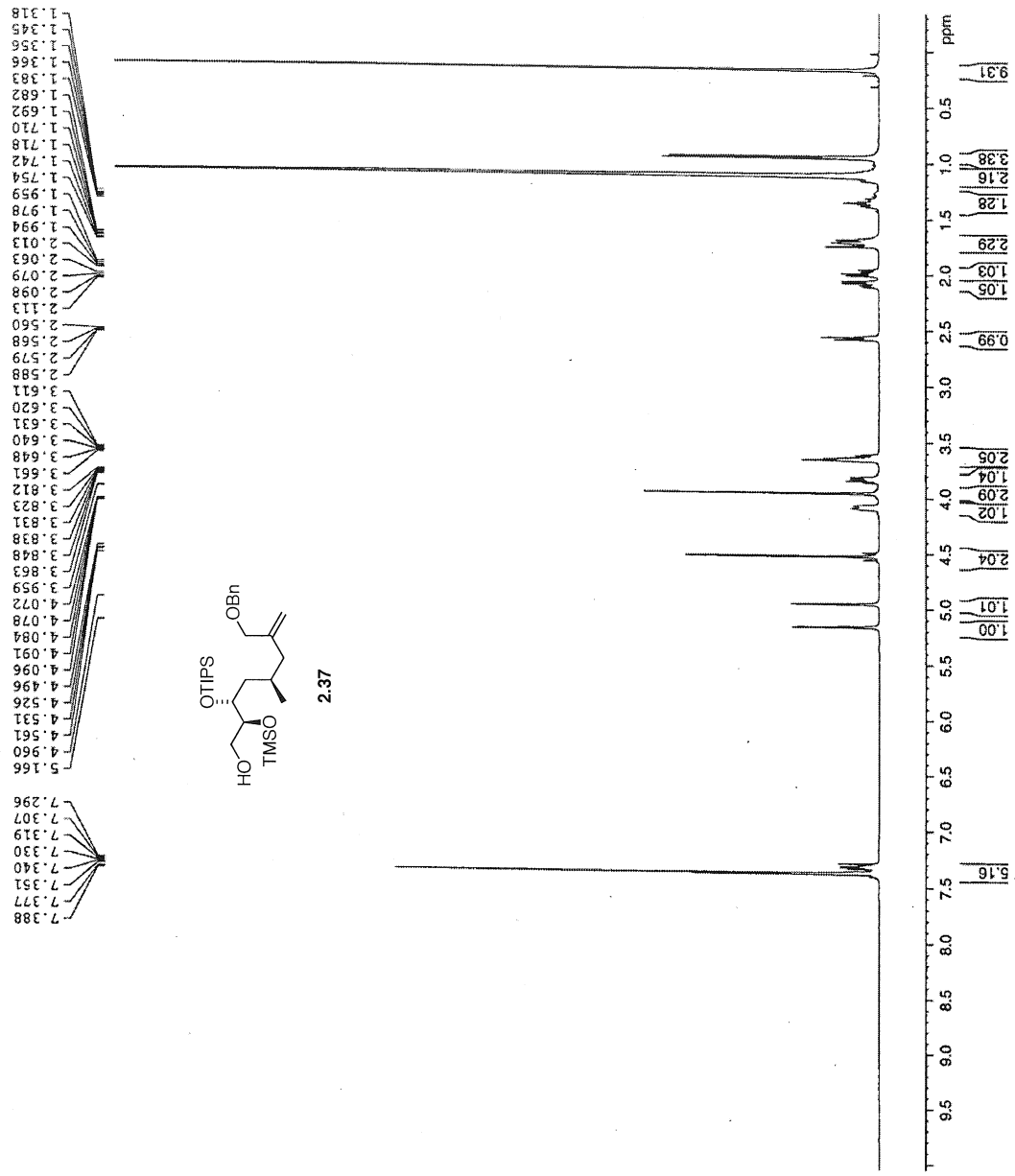


Current Data Parameters
 NAME XZ-XI-92
 PROCNO 1
 DU /m
 USER xzhou

F2 - Acquisition Parameters
 Date_ 20060726
 Time 17.18
 SYSTEM BRUKER
 PULPROG zgpg30
 TD 32768
 SOLVENT CDCl3
 DS 32
 SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.5559840 sec
 DM 78.000 usec
 DE 6.00 usec
 TE 298.2 K
 D0 2.00000000 Sec
 TSD 1

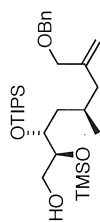
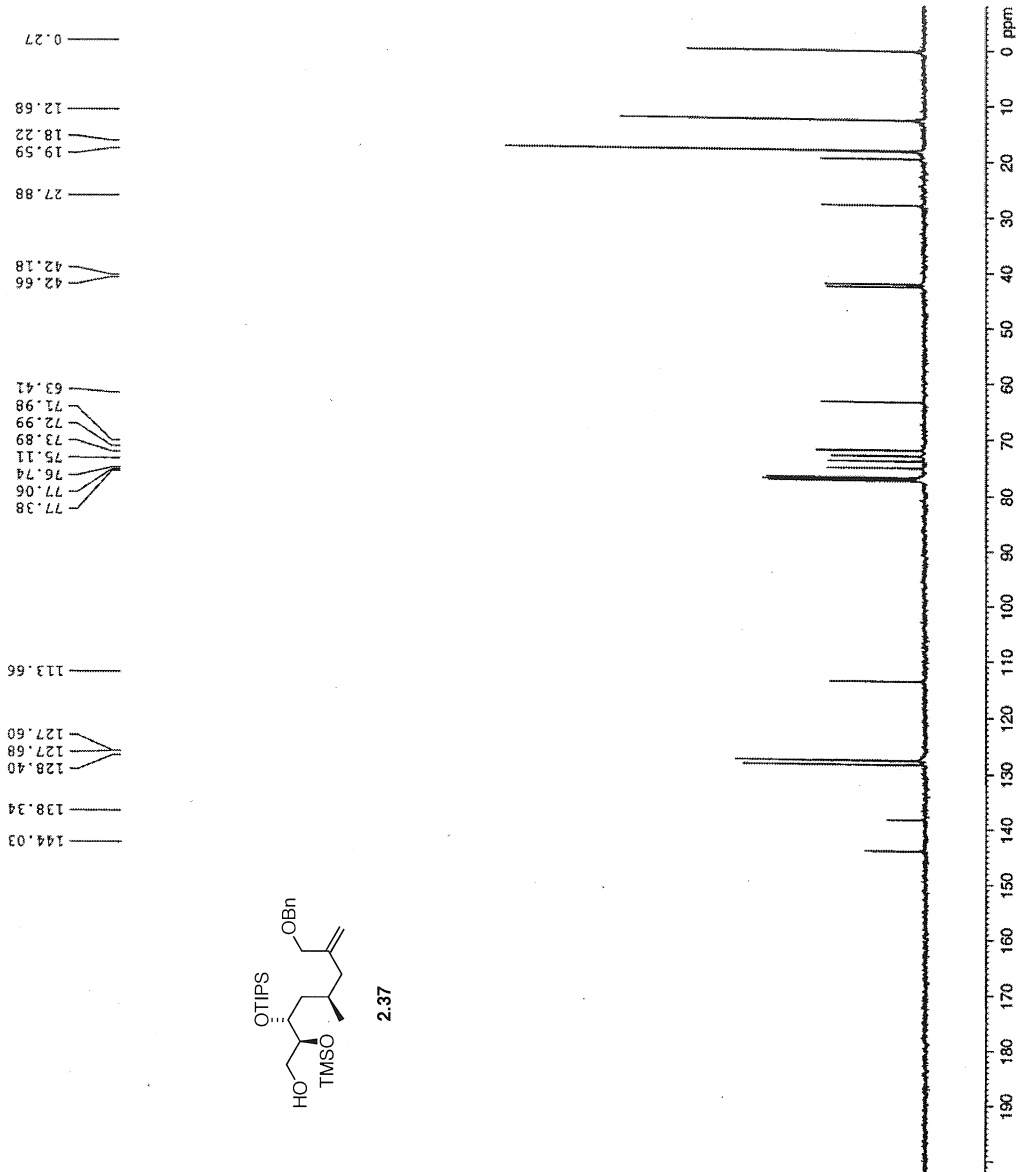
***** CHANNEL f1 *****
 NUC1 1H
 P1A 14.70 usec
 SFO1 400.0128001 MHz

F2 - Processing Parameters
 SI 32768
 SF 400.0100000 MHz
 MEM 0
 LS 0 Hz
 GB 0
 PC 1.00



```

Current Data Parameters
NAME      XZ-XI-92
EXPNO    1
PROCNO   1
PROCRES  /m
USER      xzhou
F2 - Acquisition Parameters
Date_    20060726
Time     17.24
INSTRUM  DFX400
PROBHD   5 mm BBO
PULPROG  zgpg30
TD        65536
SOLVENT  DMSO
NS        352
DS        4
SWH       25125.629 Hz
FIDRES    0.383387 Hz
AQ        1.3042164 sec
RG        327.500
EQ        18.500 uSsec
DE        6.00 uSsec
TE        298.2 K
ZS        0.1500000 sec
ZD        0.0100000 sec
DELTA    0.0300000 sec
DELTA2   0.0500000 sec
TDO       1
===== CHANNEL f1 =====
NUC1      13C
P1        7.80 uSsec
PL1       -3.00 dB
SFO1      100.5936591 MHz
===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2      13C
P2        115.00 uSsec
PL2       17.40 dB
PL12     17.40 dB
PL13     17.40 dB
SFO2      400.0116000 MHz
F2 - Processing parameters
SI        32768
SF        100.5825950 MHz
WDW       EM
SSB       0
LB        0
GB        0
PC        1.40
  
```



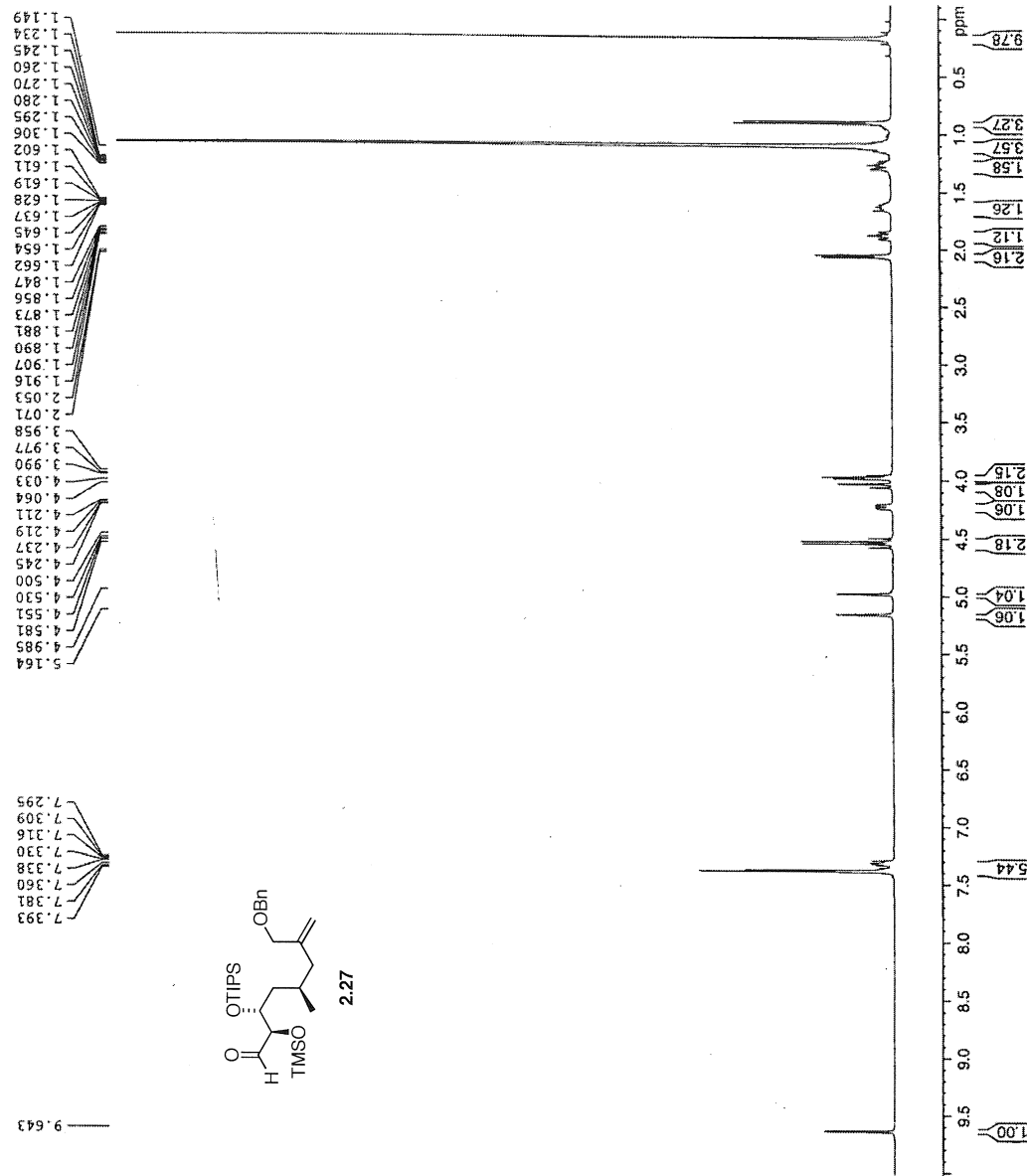
2.37

Current Data Parameters
 NAME XZ-XI-36
 EXPNO 1
 PROCNO 1
 DU /m
 USER xzhou

F2 - Acquisition Parameters
 Date_ 20060330
 Time 16.41
 TIMEUNIT D
 PROBNM 5 mm BBO BB-1K
 PULPROG zg30
 TD 32768
 CHAN1
 NS 32
 DS 2
 SWH 6410.256 Hz
 FWHM 31.056 Hz
 QRES 2.5555560 sec
 RG 50.8
 FM 78.000 usec
 SFO 600.131350 MHz
 DE 256.2 usec
 EI 2.00000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 14.70 usec
 PL1 0.00 dB
 SFO1 400.0128001 MHz

F2 - Processing Parameters
 SI 32768
 SF 400.0100000 MHz
 WDW EM
 SSB 0
 LB 0.70 Hz
 GB 0
 SC 1.00



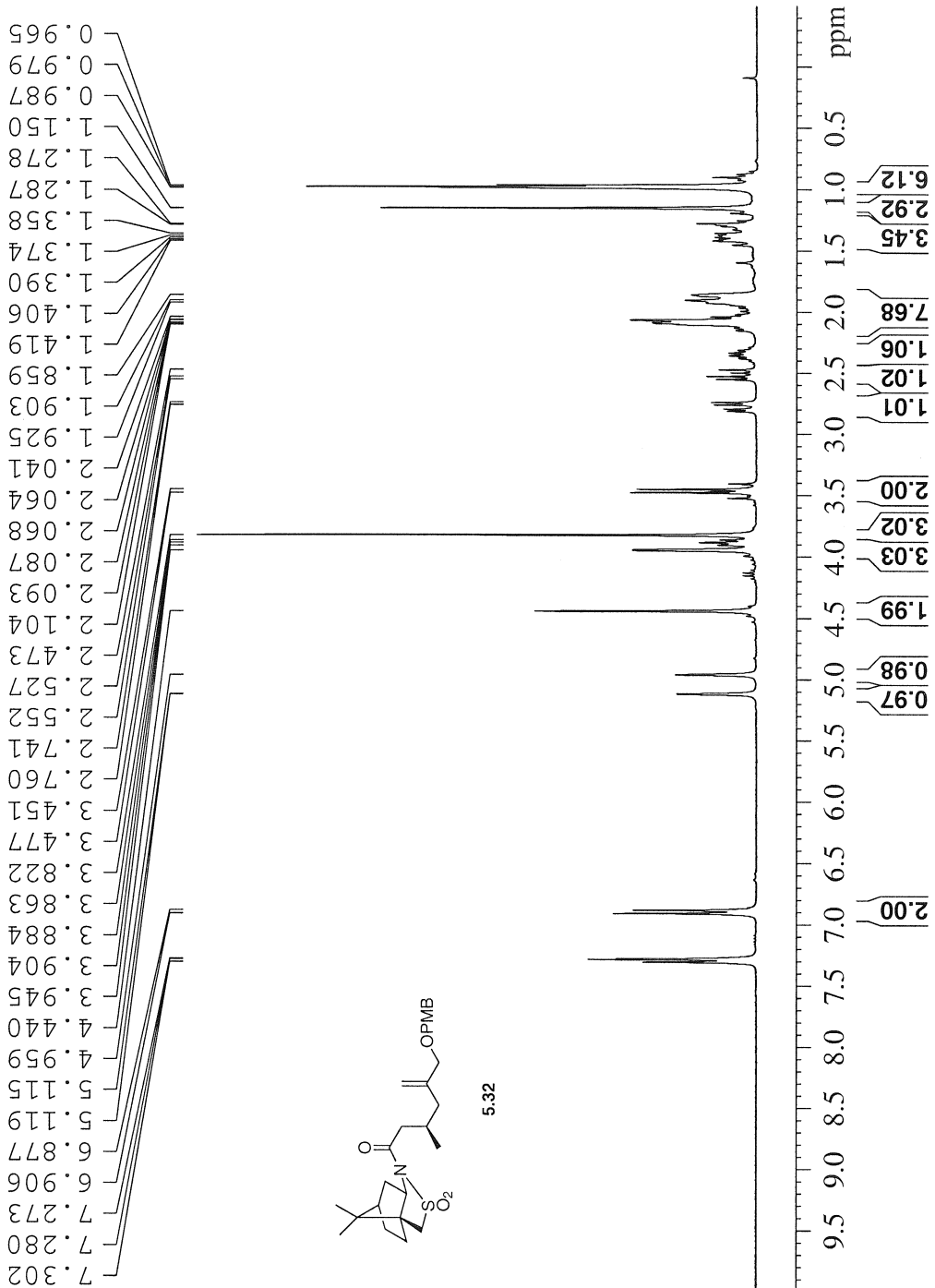

```

Current Data Parameters
NAME      empd01-1V-1(629306)
EXPNO    1
PROCNO   1
DU       /h
USER     Liang

F2 - Acquisition Parameters
Date_    20060623
Time     23.13
INSTRUM spect
PROBHD   5 mm QNP 1H/1
PULPROG zg30
TD       32768
SOLVENT  CDCl3
DS       2
SMH      4789.272 Hz
FIDRES   0.146157 Hz
AQ       3.4210291 sec
RG       104.400 usec
DE       6.00 usec
TE       298.2 K
F1       2.00000000 sec
F2       2.00000000 sec

===== CHANNEL f1 =====
NUC1     1H
P1       9.00 usec
PL1     -1.00 dB
SFO1    300.1321009 MHz

F2 - Processing Parameters
SI       32768
SF       300.1300000 MHz
WDW      no
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```



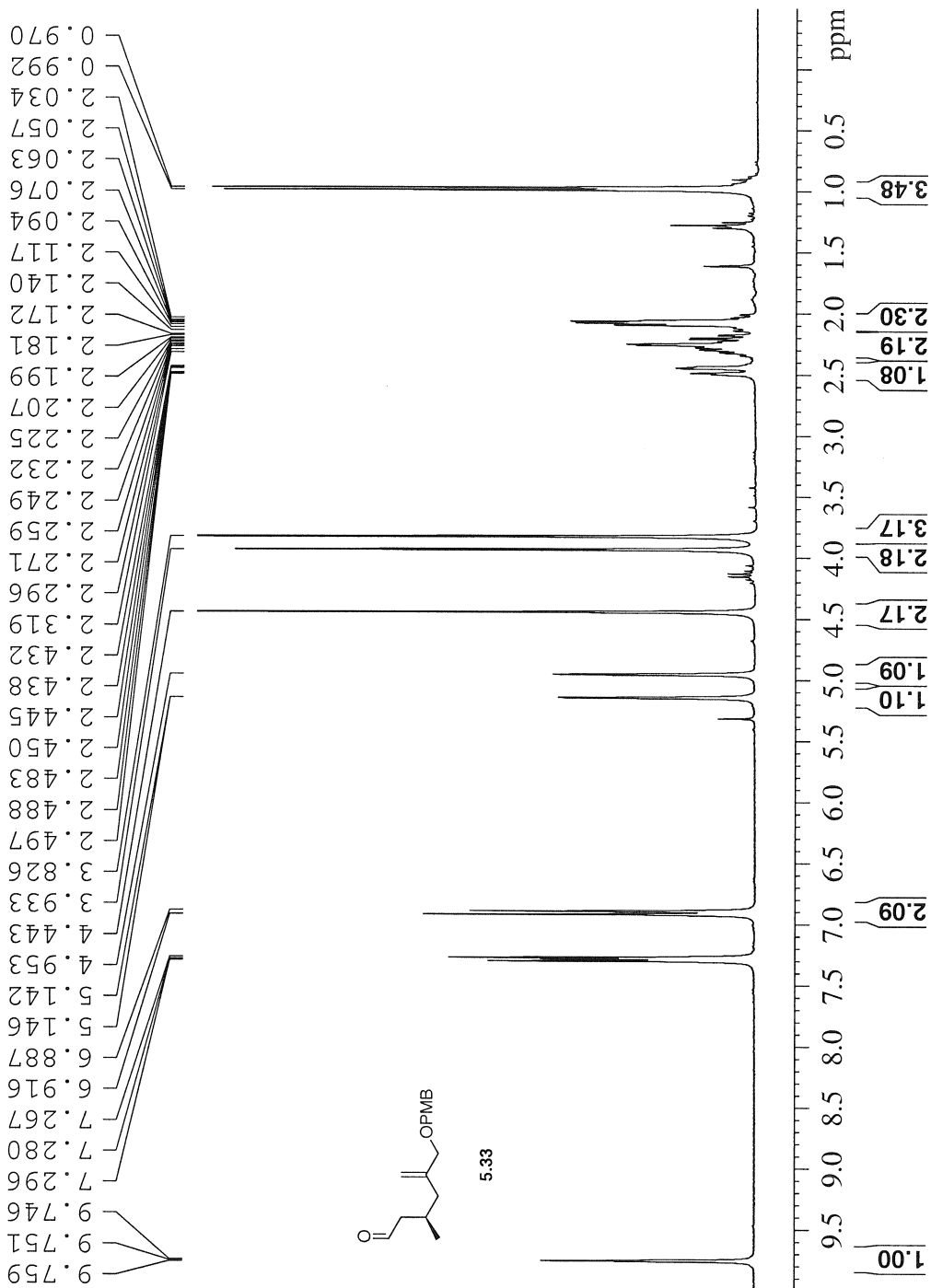

```

Current Data Parameters
NAME      emp01-1721(062906)
EXTNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20060629
Time     23.26
INSTRUM  spect
PROBHD   5 mm QNP 1H/1
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
DS       2
AQ       4.789272 Hz
FIDRES   0.146157 Hz
AQ       3.421021 sec
RG       104.400 usec
DE       6.00 usec
TE       298.2 K
TD0      2.00000000 sec

===== CHANNEL f1 =====
NUC1     1H
P1       8.00 usec
PL1      -1.00 dB
SFO1     300.1321009 MHz

F2 - Processing parameters
SI       32768
SF       300.1300000 MHz
WDW      no
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```



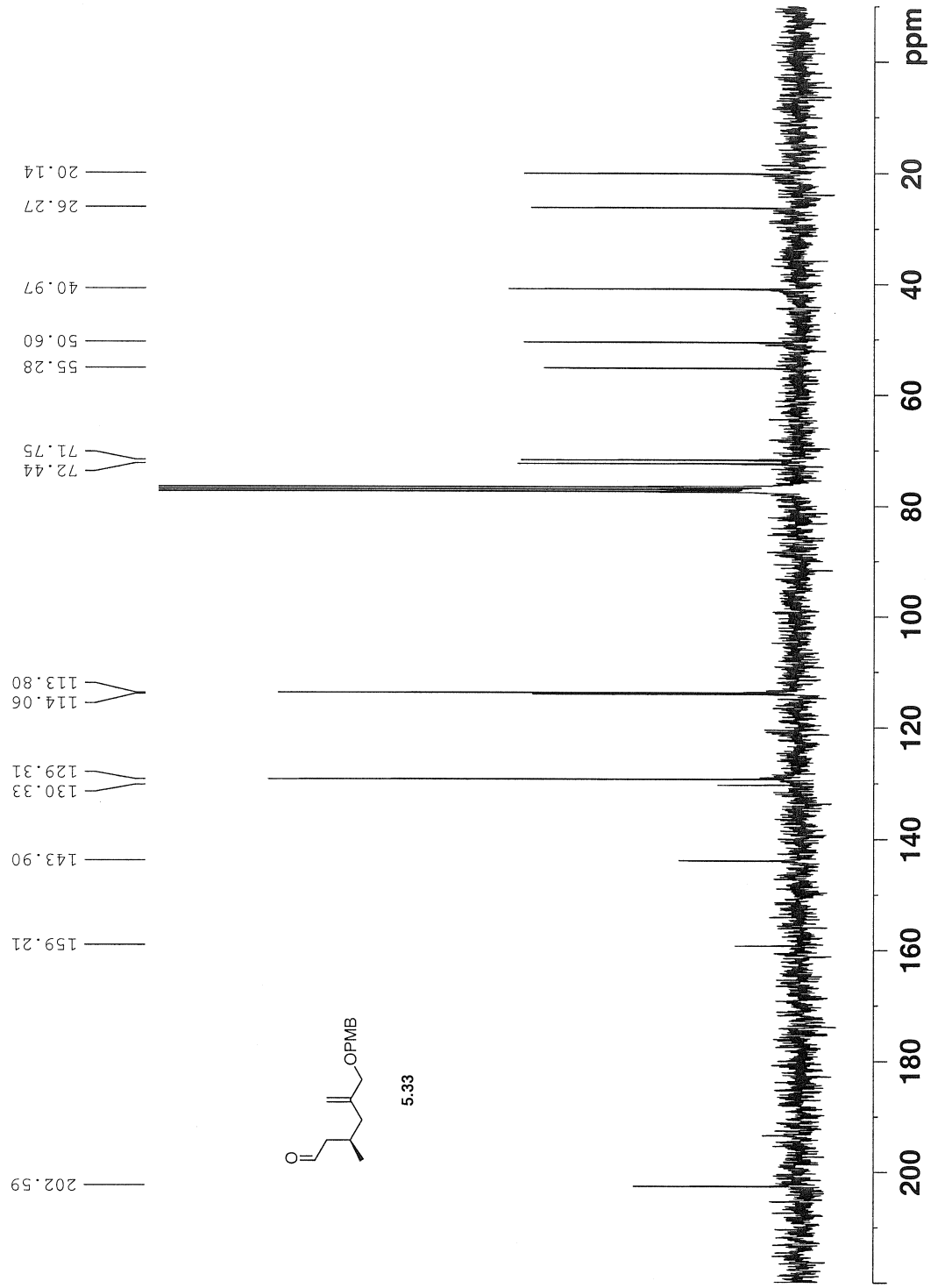
Current Data Parameters
 NAME ampdb1-IV-2(0629)
 EXPNO 4
 PROCNO 1
 DU /h
 USER Liang

F2 - Acquisition Parameter
 Date_ 20060712
 Time 9.56
 INSTRUM DFX300
 PROBDH 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 372
 DS 4
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 9195.2
 DW 26.550 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 8.00 usec
 PL1 -9.80 dB
 SFO1 75.4760502 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
 WDW EM
 SSB 0
 GB 0
 PC 3.00 Hz
 1.40



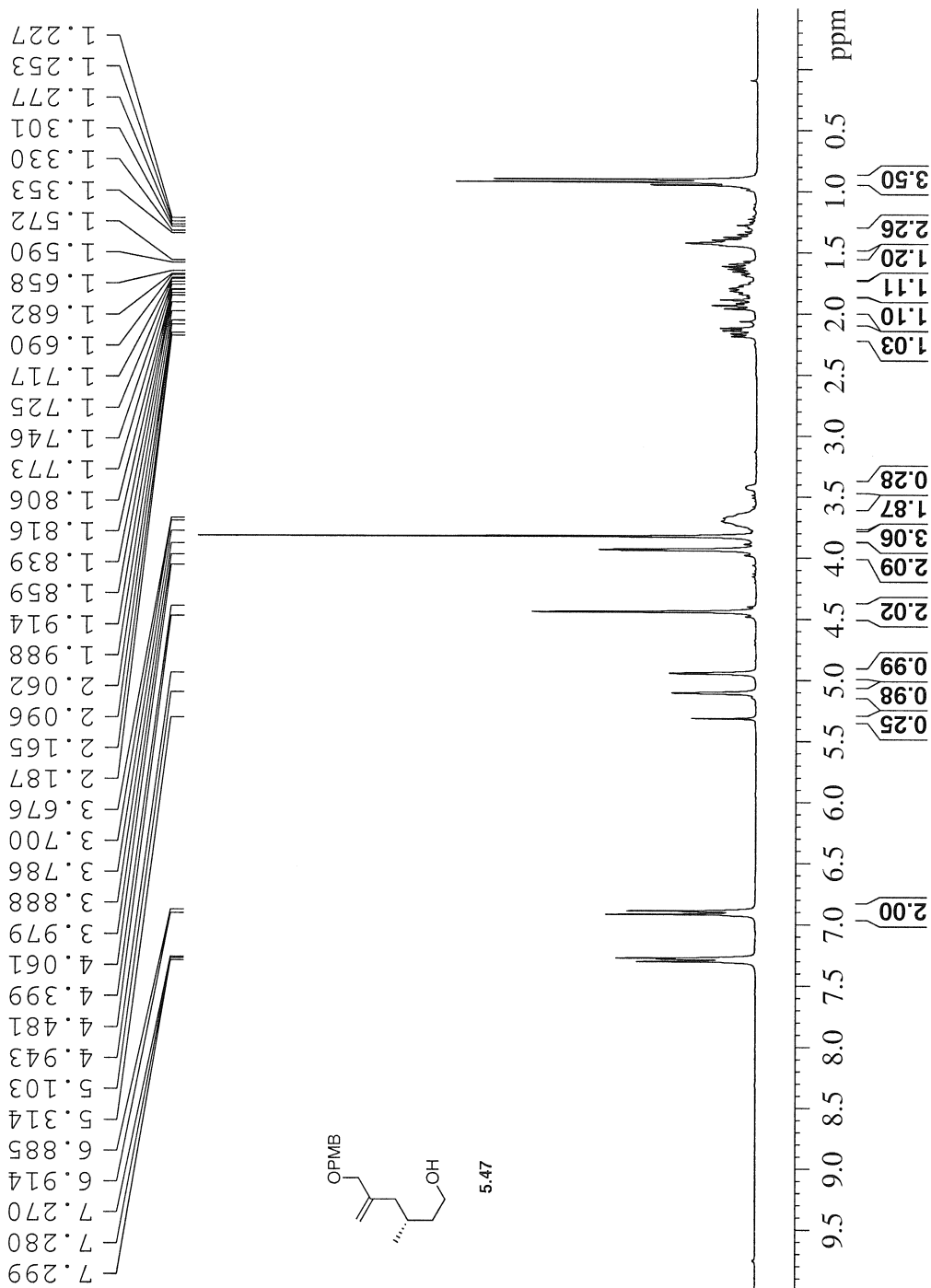

```

Current Data Parameters
NAME      emp41-1V-3(963006)
EXPNO    2
PROCNO   1
DU       /h
USER     Lieng

F2 - Acquisition Parameters
Date_    20060630
Time     14.07
INSTRUM spect
PROBHD   5 mm QNP 1H/1
PULPROG zg30
TD       32768
SOLVENT  CDCl3
DS       1
NS       12
SMH      4789.272 Hz
FIDRES   0.146157 Hz
AQ       3.4210291 sec
RG        655.5
DE       104.400 usec
TE       298.2 K
D1       2.0000000 sec
D2       1

===== CHANNEL f1 =====
NUC1     1H
P1       9.00 usec
PL1      -2.00 dB
SFO1     300.1321009 MHz

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



```

Current Data Parameters
NAME ampdb1-IV-310630C
EXPNO 1
PROCNO 1
DU /n
USER Liang

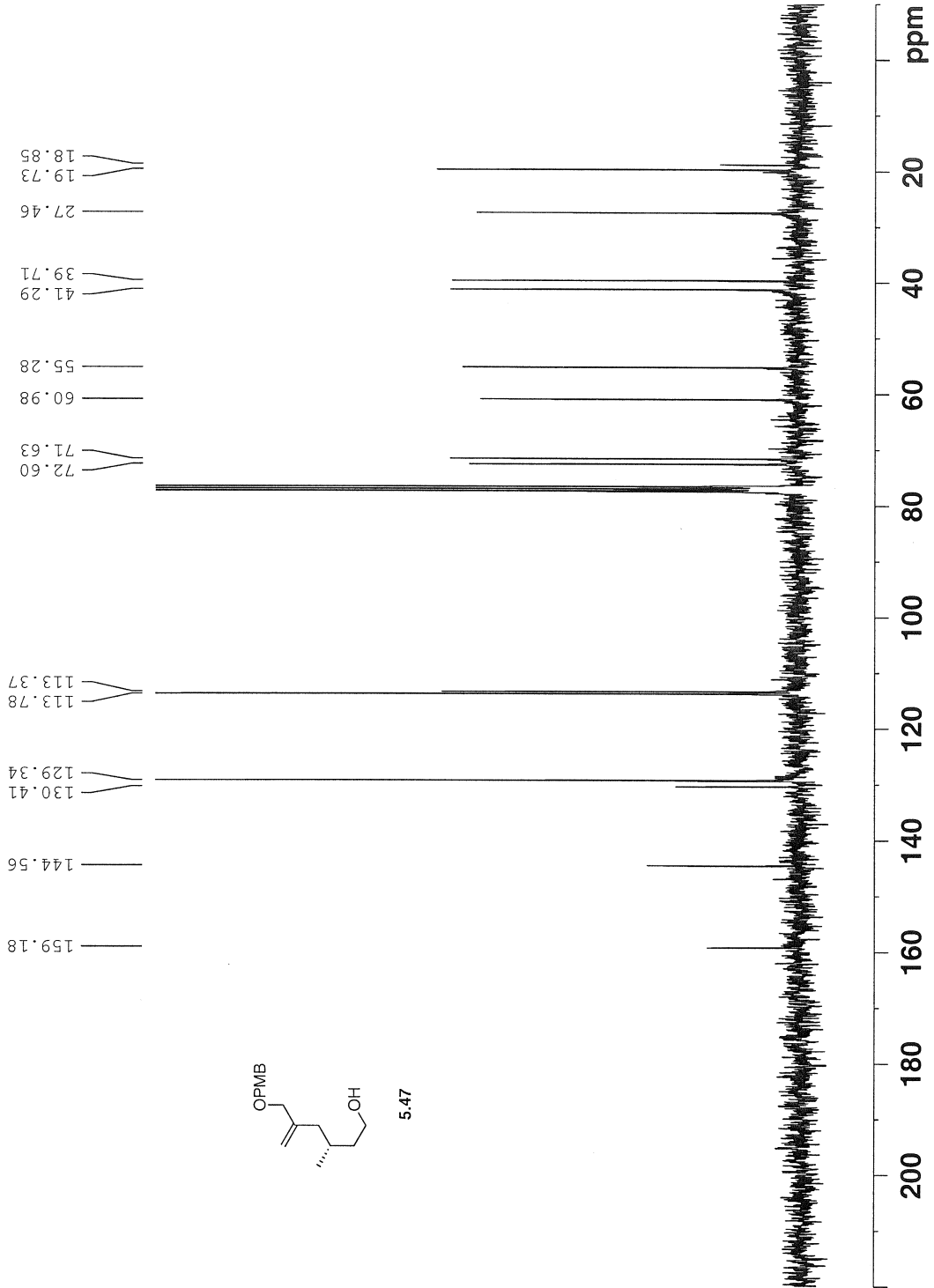
F2 - Acquisition Parameters
Date_ 20060630
Time 23.00
INSTRUM DFX100
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 604
DS
SBH 18832.393 Hz
FIDRES 0.287360 Hz
AQ 1.7400308 sec
RG 11585.2
DW 26.550 usec
DE 6.00 usec
TE 298.2 K
D1 0.15000001 sec
G11 0.03000000 sec
DELTA 0.05000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 13C
P1 8.80 usec
PL1 -3.00 dB
SFO1 75.476505 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
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40

```



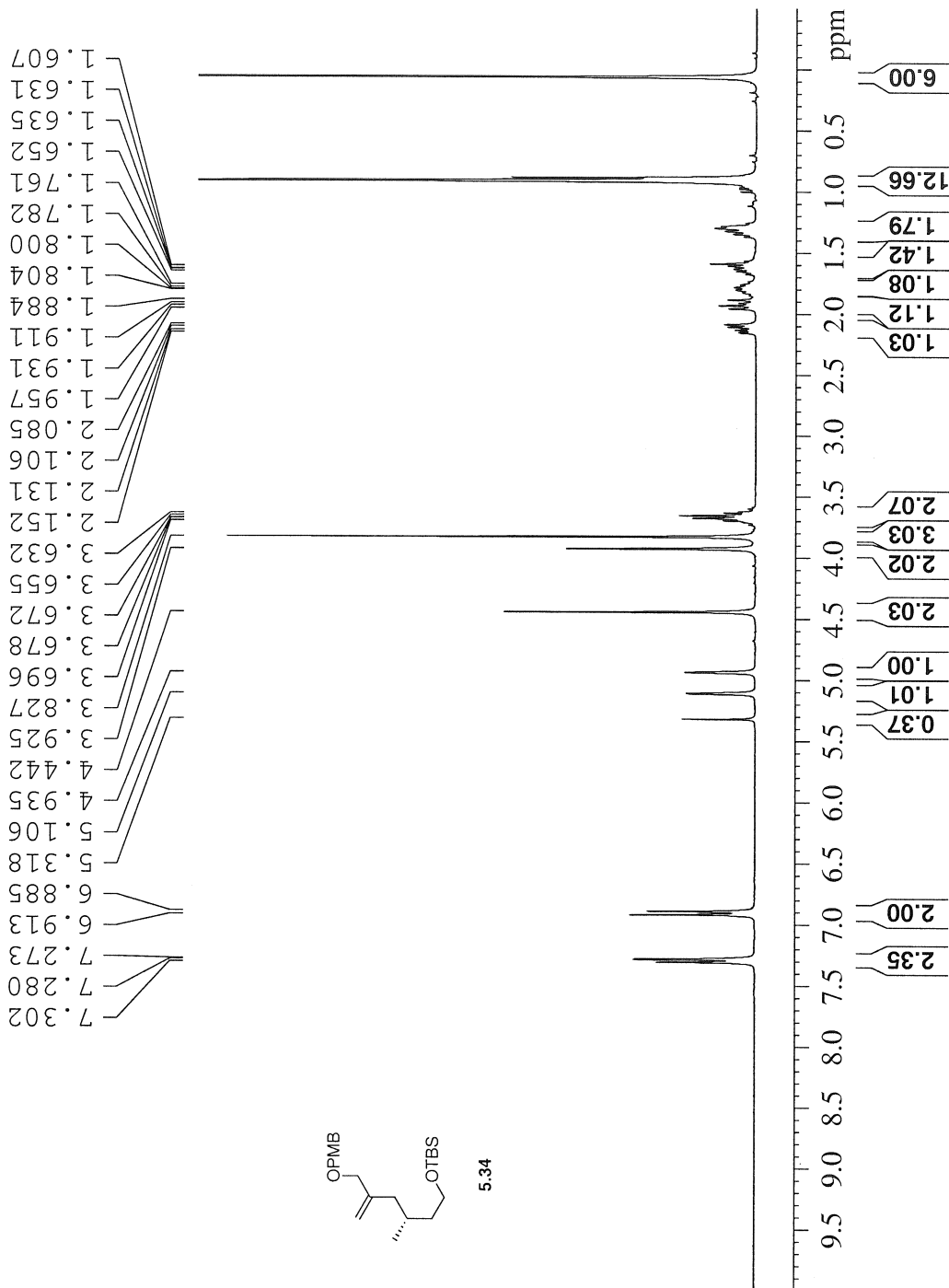
```

Current Data Parameters
NAME      ampd1-1V-4(063006)
EXPNO     2
PROCNO    1
INSTRUM   /n
USER      Liang

F2 - Acquisition Parameters
Date_     20060630
Time      17:02
INSTRUM   DPX302
PROBHD    5 mm QNP 1H/1
PULPROG   zg30
TD         32768
SOLVENT   CDCl3
NS         18
DS         2
SMH        4789.272 Hz
FIDRES     0.146157 Hz
AQ         3.420099 sec
RG         203.2
DM         104.400 usec
DE         6.00 usec
TE         298.2 K
D1         2.00000000 sec
TDO        1

===== CHANNEL f1 =====
NUC1       1H
P1         9.00 usec
PL1        -1.00 dB
SFO1       300.1321009 MHz

F2 - Processing parameters
SI         no
SF         300.1300000 MHz
WDW        no
SSB        0
GB         0.00 Hz
PC         1.00
    
```



```

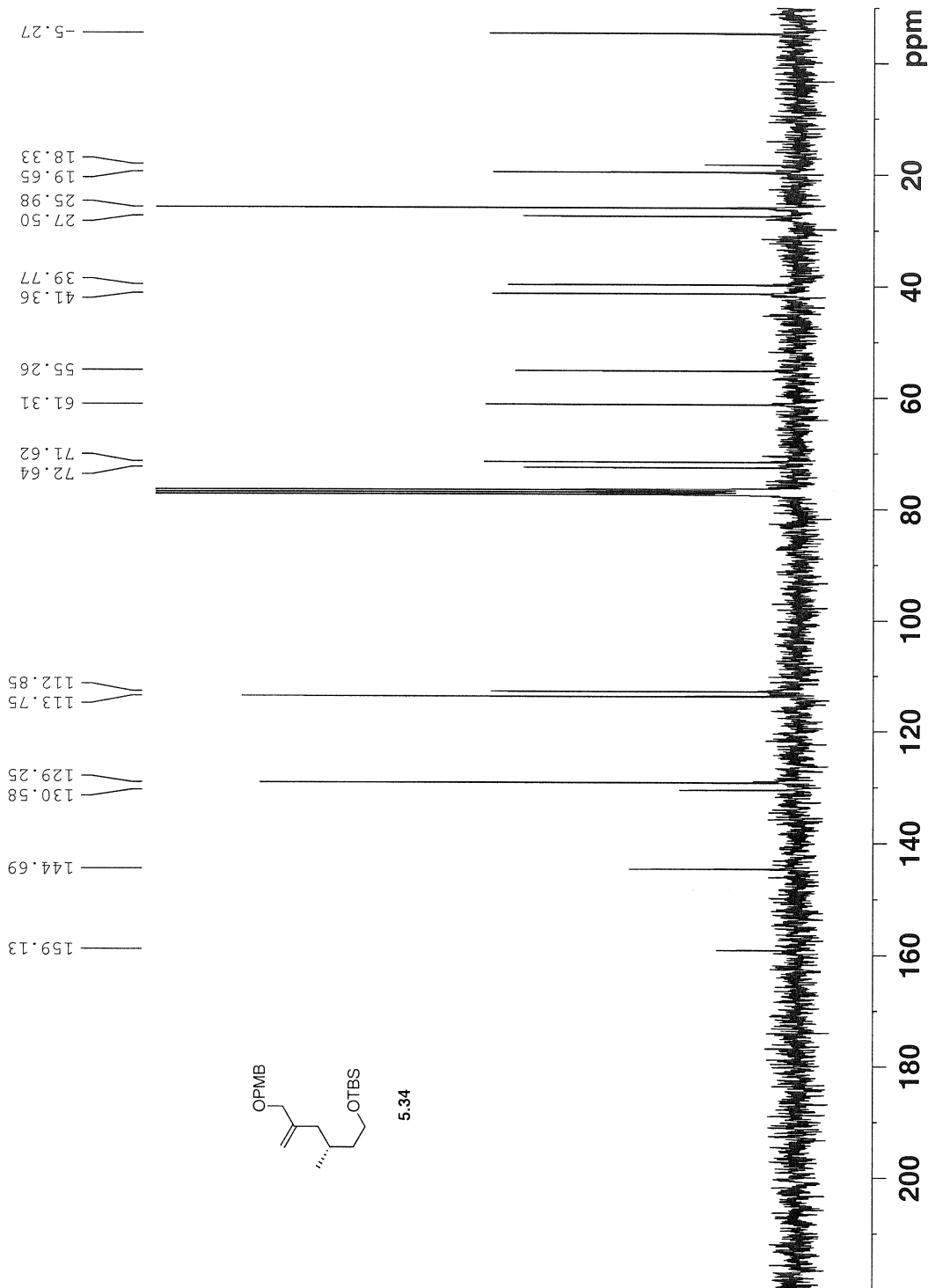
Current Data Parameters
NAME ampdb1-IV-410630C
EXPNO 1
PROCNO 1
DU /n
USER Liang

F2 - Acquisition Parameter
Date_ 20060630
Time 22.31
INSTRUM DFX300
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 528
DS 4
SBH 18832.393 Hz
FIDRES 0.287160 Hz
AQ 1.7400308 sec
RG 9195.2
DW 26.550 us
DE 6.00 us
TE 298.2 K
D1 0.1500001 sec
G11 0.03000000 sec
DELTA 0.05000000 sec
TDO 1

===== CHANNEL f1 =====
NUC1 13C
P1 8.80 us
PL1 0.00 dB
SFO1 75.4760505 MHz

===== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 us
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
WDW EM
SSB 0
LB 3.00 Hz
GB 0
FC 1.40
    
```



5.34

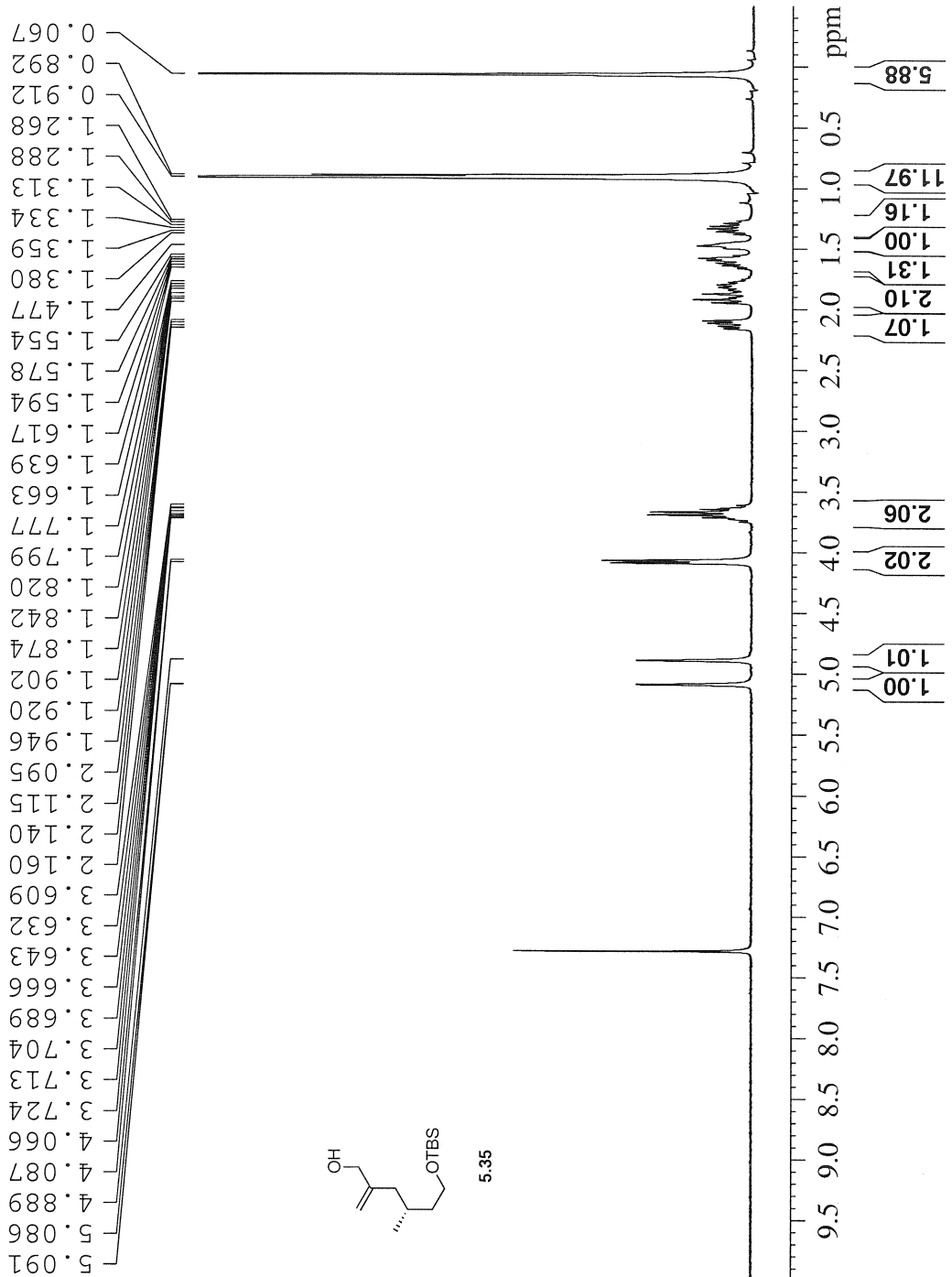
```

Current Data Parameters
NAME      eng061-1V-5(160106)
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20060801
Time     14.20
INSTRUM  spect
PROBHD   5 mm QNP 1H/1
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
NS       2
DS       2
SMH      4789.272 Hz
FIDRES   0.146157 Hz
AQ        3.421231 sec
RG        655
DE        104.400 usec
TE        298.2 K
T1        2.0000000 sec
T20       1

===== CHANNEL f1 =====
NUC1      1H
P1        9.00 usec
PL1       -1.00 dB
SFO1      300.1321009 MHz

F2 - Processing Parameters
SI        32768
SF        300.1300000 MHz
WDW       0
SSB       0
LB        0.00 Hz
GB        0
PC        1.00
    
```



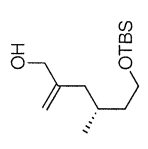
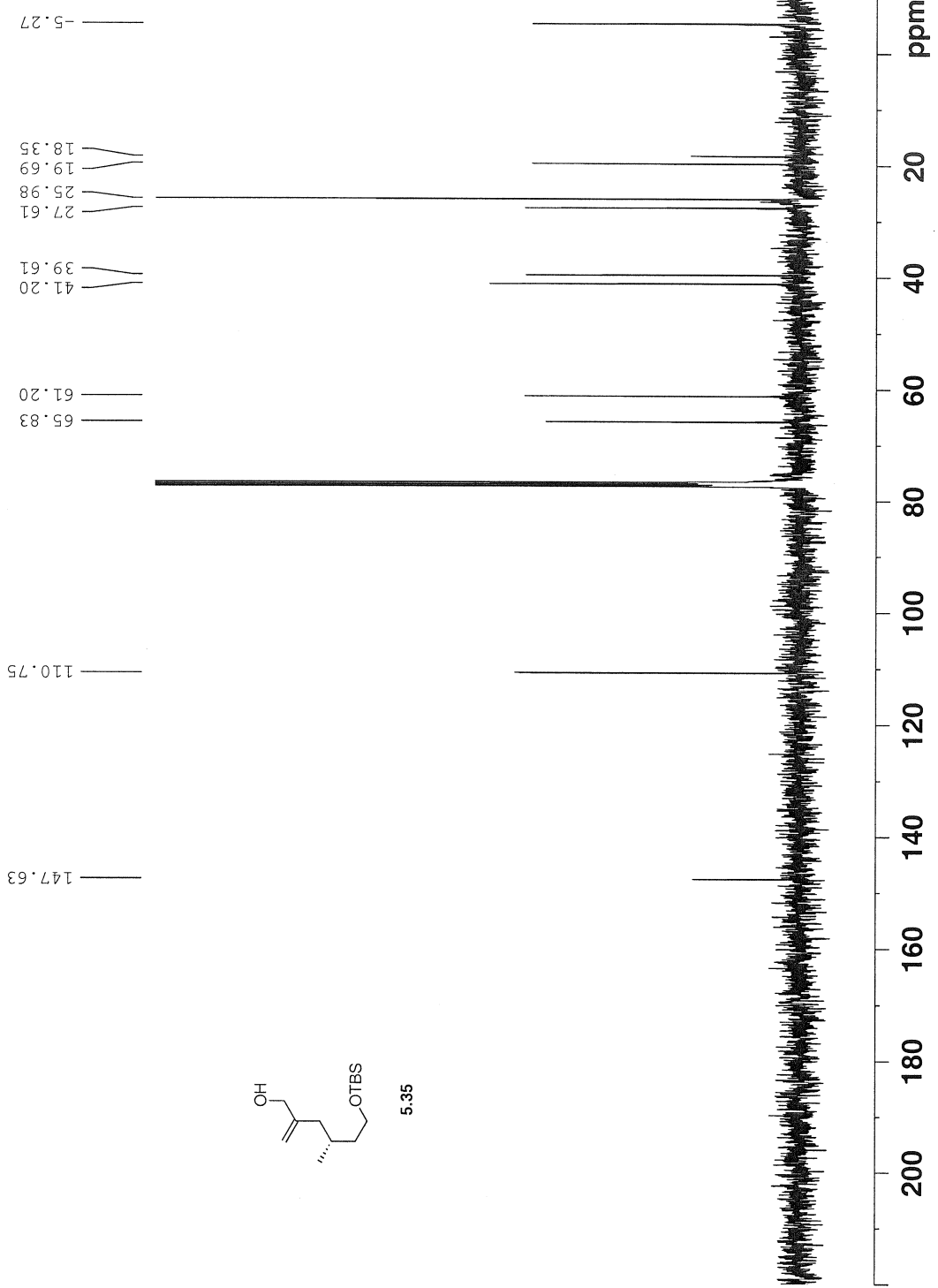
Current Data Parameters
 NAME ampdel-1v-5 (0801C)
 EXPNO 3
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameter
 Date_ 20060801
 Time 16.39
 INSTRUM DFX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 1143
 DS 4
 SWH 25125.624 Hz
 FWHM 0.383387 Hz
 FIDRES 1.3042164 Hz
 AQ 9185.2
 RG 19.900 Hz
 DE 6.00 Hz
 TE 298.2 K
 D1 0.15000001 sec
 G11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 us
 PL1 3.00 dB
 SFO1 100.5916591 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 135.00 us
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 400.0116000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.5825950 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40



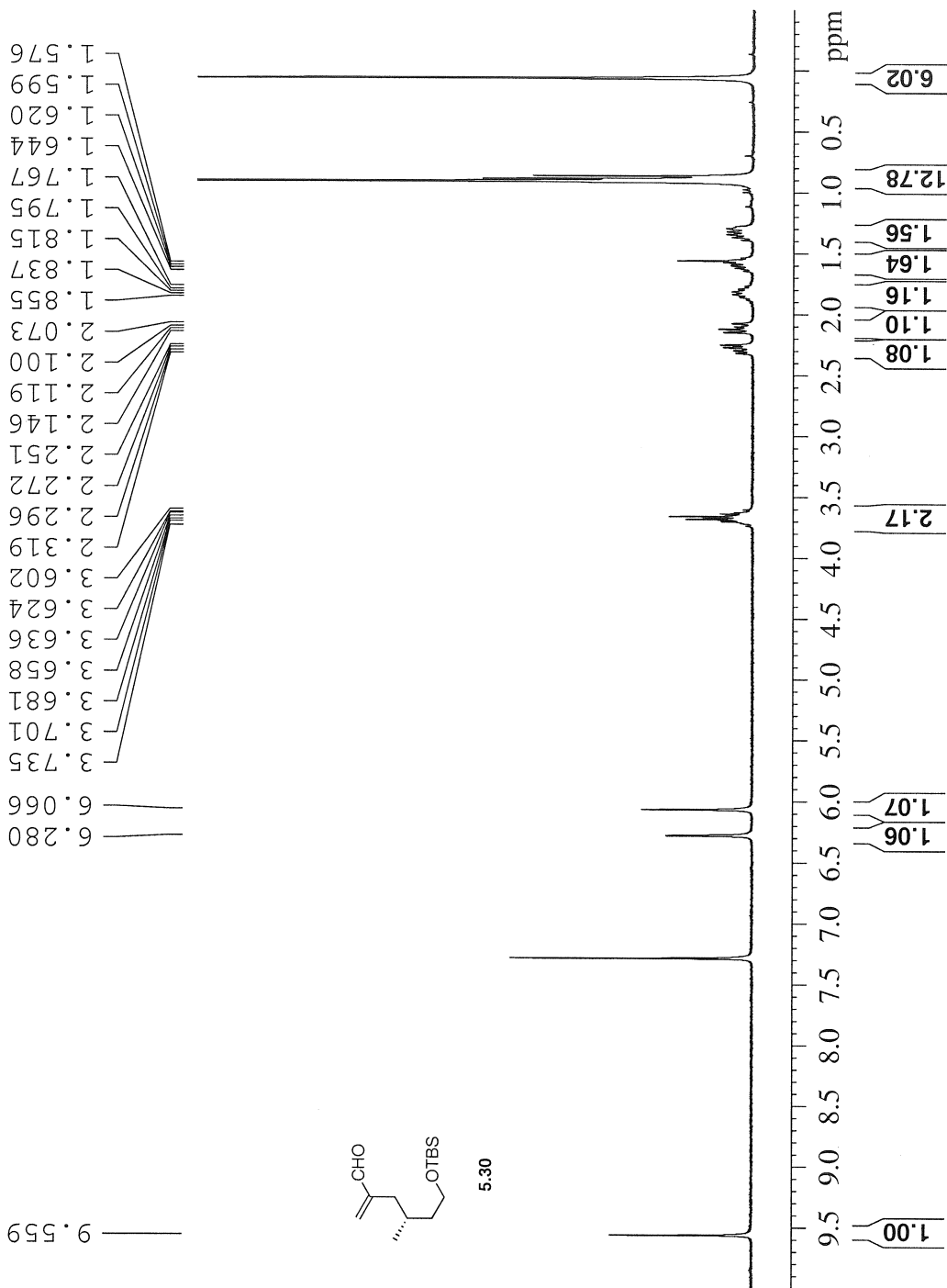
```

Current Data Parameters
NAME      empbl-1W6(080206)
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

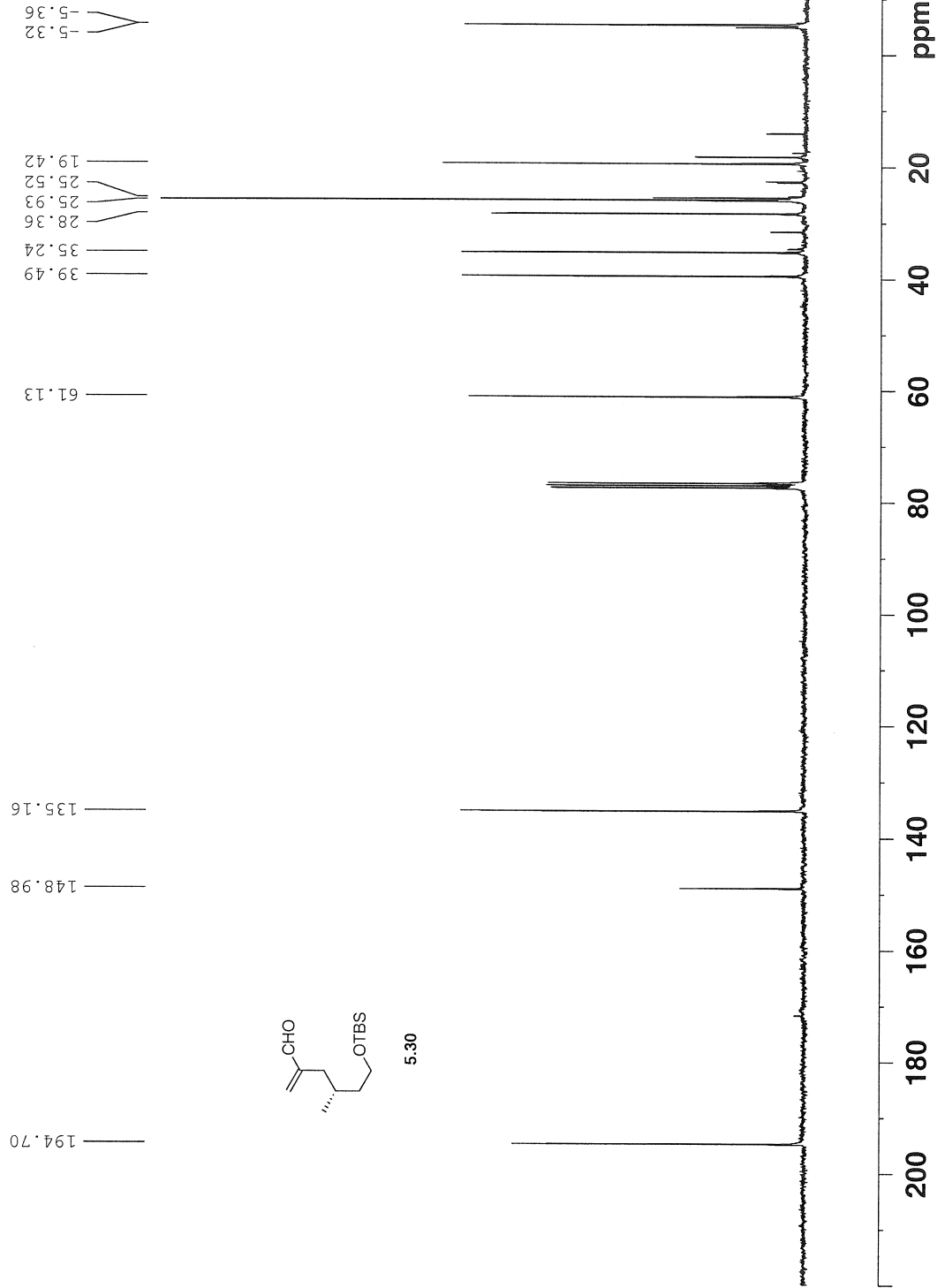
F2 - Acquisition Parameters
Date_    20060802
Time     16.25
INSTRUM spect
PROBHD   5 mm QNP 1H/1
PULPROG  zg30
TD        32768
SOLVENT  CDCl3
DS        2
SMH       4789.272 Hz
FIDRES    0.146157 Hz
AQ         3.4220291 sec
RG         104.400 usec
DE         6.00 usec
TE         298.2 K
D1         2.0000000 sec
TD0        1

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

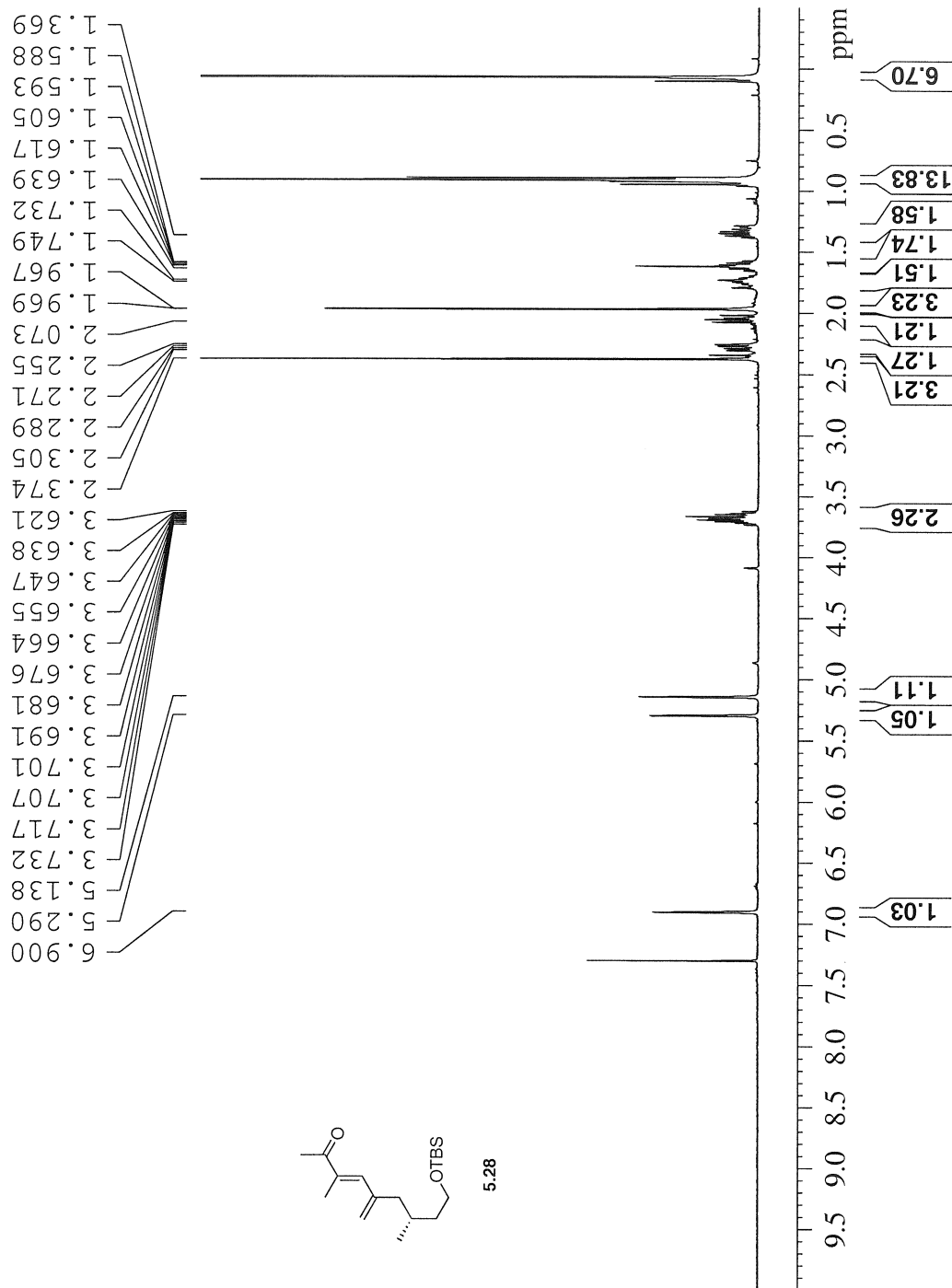
F2 - Processing parameters
SI         32768
SF         300.1300000 MHz
WDW        no
SSB        0
LB         0.00 Hz
GB         0
PC         1.00
    
```



Current Data Parameters
 NAME ampdb1-1v-DMP-topaprot (07)
 PROCNO 1
 DU /h
 USER Lieng
 F2 - Acquisition Parameters
 Date_ 20060702
 INSTRUM DFX100
 PROBRD 5 mm QNP 1H/1
 PULPROG zgpg30
 TC PPG30
 SOLVENT CDCl3
 NS 1850
 SH 1850
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400208 sec
 EN 26.550 usec
 DE 6.00 usec
 DI 0.15000002 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1
 ===== CHANNEL f1 =====
 NUC1 13C
 P1 8.00 usec
 PL1 -3.00 dB
 SF01 75.47760505 MHz
 ===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 P2 16.00 usec
 PL2 3.00 dB
 PL12 17.55 dB
 PL13 17.65 dB
 SFO2 300.132605 MHz
 F2 - Processing parameters
 SF 75.4677496 MHz
 WDW EM
 SSB 0
 GB 0 Hz
 PC 1.40



Current Data Parameters
 NAME emp051-1W-(1070306)
 EXPNO 1
 PROCNO 1
 F2 - Acquisition Parameters
 Date_ 20060703
 Time 14.18
 Operator
 PROBD 5 mm BBO BB-1H
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 1
 DS 2
 SMH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.555540 sec
 RG 0.000000
 DW 78.000 usec
 DE 6.00 usec
 TE 298.2 K
 TL 2.0000000 sec
 TSO 1
 ===== CHANNEL f1 =====
 NUC1 1H
 P1 14.00 usec
 PL1 0.00 dB
 SFO1 400.0128001 MHz
 F2 - Processing Parameters
 SI 32768
 SF 400.0100000 MHz
 WDW ro
 SSB 0
 LB 0.00 Hz
 GB 0
 PC 1.00



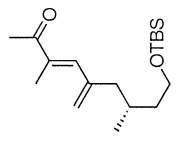
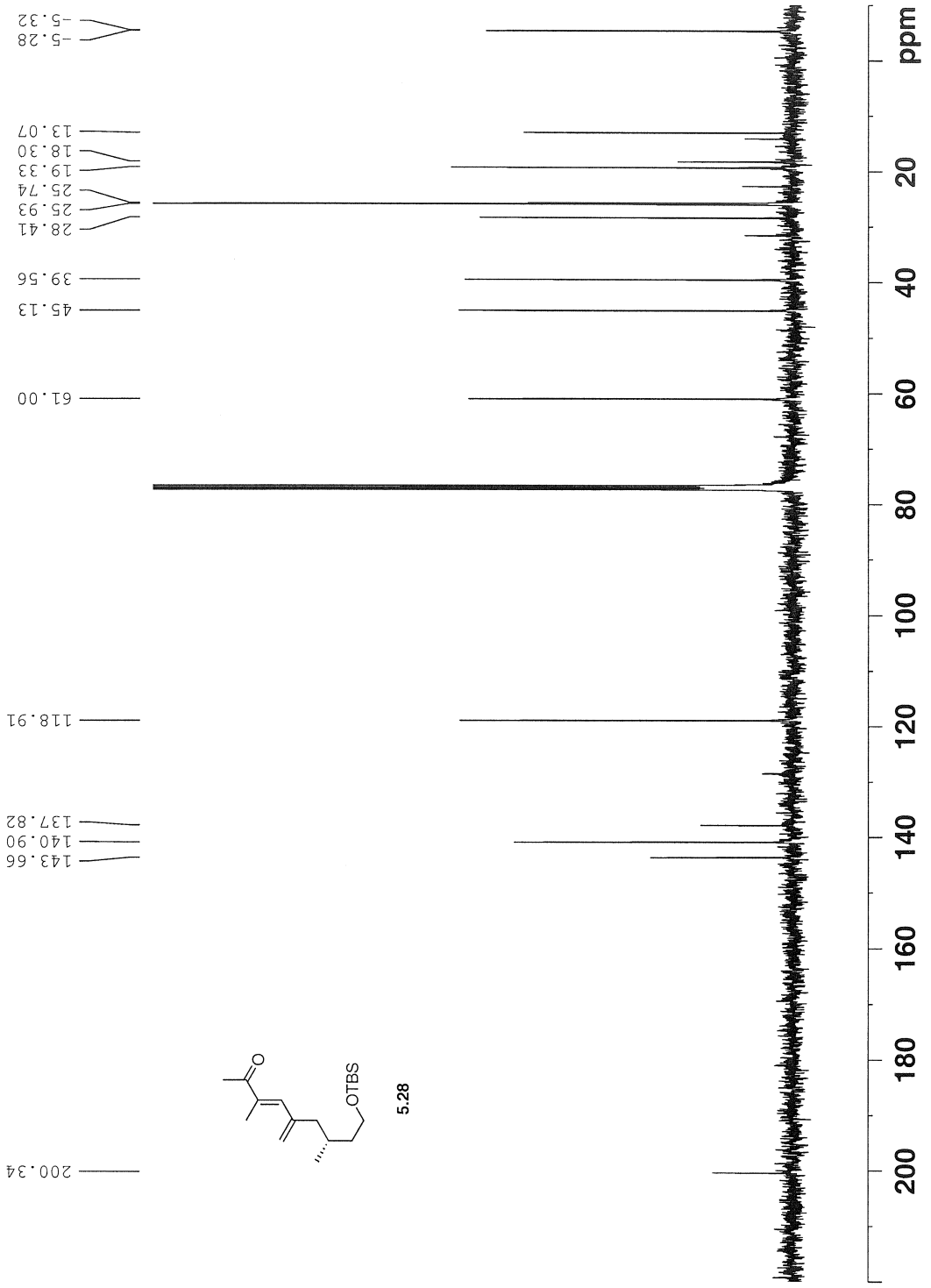
Current Data Parameters
 NAME ampdb1-IV-7(0703)
 EXPNO 2
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20060703
 Time 17.50
 INSTRUM DEX400
 PROBHD 5 mm BBO BB-IH
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 2004
 DS 4
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 s
 RG 4597.6
 DW 19.900 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 s
 g11 0.03000000 s
 DELTA 0.05000000 s
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 3.80 us
 PL1 0.00 dB
 SFO1 100.5936591 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 135.00 us
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 400.0116000 MHz

F2 - Processing parameters
 SI 32768
 SF 100.5825950 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40



5.28


```

Current Data Parameters
NAME      empdb1-IV-8(080406)
EXPNO    1
PROCNO   3
USER      A
LANG      Linux

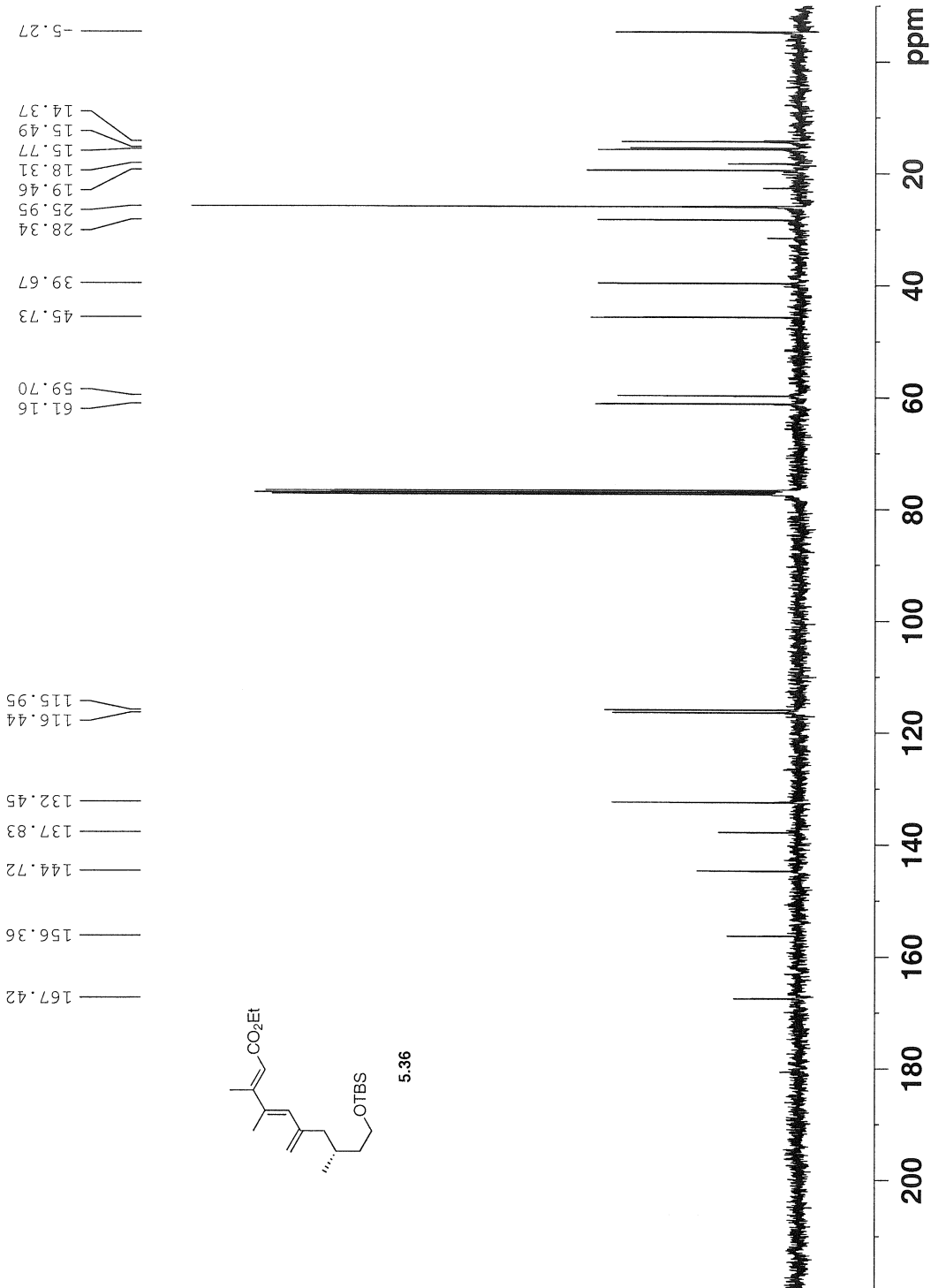
F2 - Acquisition Parameters
Date_    20060804
Time     15:40
INSTRUM  spect
PROBHD   5 mm BBO BB-1H
PULPROG  cosygpsq
TD        2048
SOLVENT  2
NS        8
DS        2
SWH       4006.410 Hz
FIDRES   1.956255 Hz
AQ        0.2556404 sec
RG        124.52
DE        6.00 usec
TE        298.2 K
d0        0.00000300 sec
d1        2.00000000 sec
d11       0.00000000 sec
d12       0.00000000 sec
d16       0.00000000 sec
IN0       0.00024960 sec

===== CHANNEL f1 =====
NUC1      1H
P1        7.19 usec
PL1       14.50 dB
PL2       0.00 dB
PL3       0.00 dB
PL4       0.00 dB
SFO1      400.0120000 MHz

===== GRADIENT CHANNEL =====
GENDM1    SINE
GENAM2    SINE
GPR1      10.00 %
GPR2      10.00 %
P16       1000.00 usec

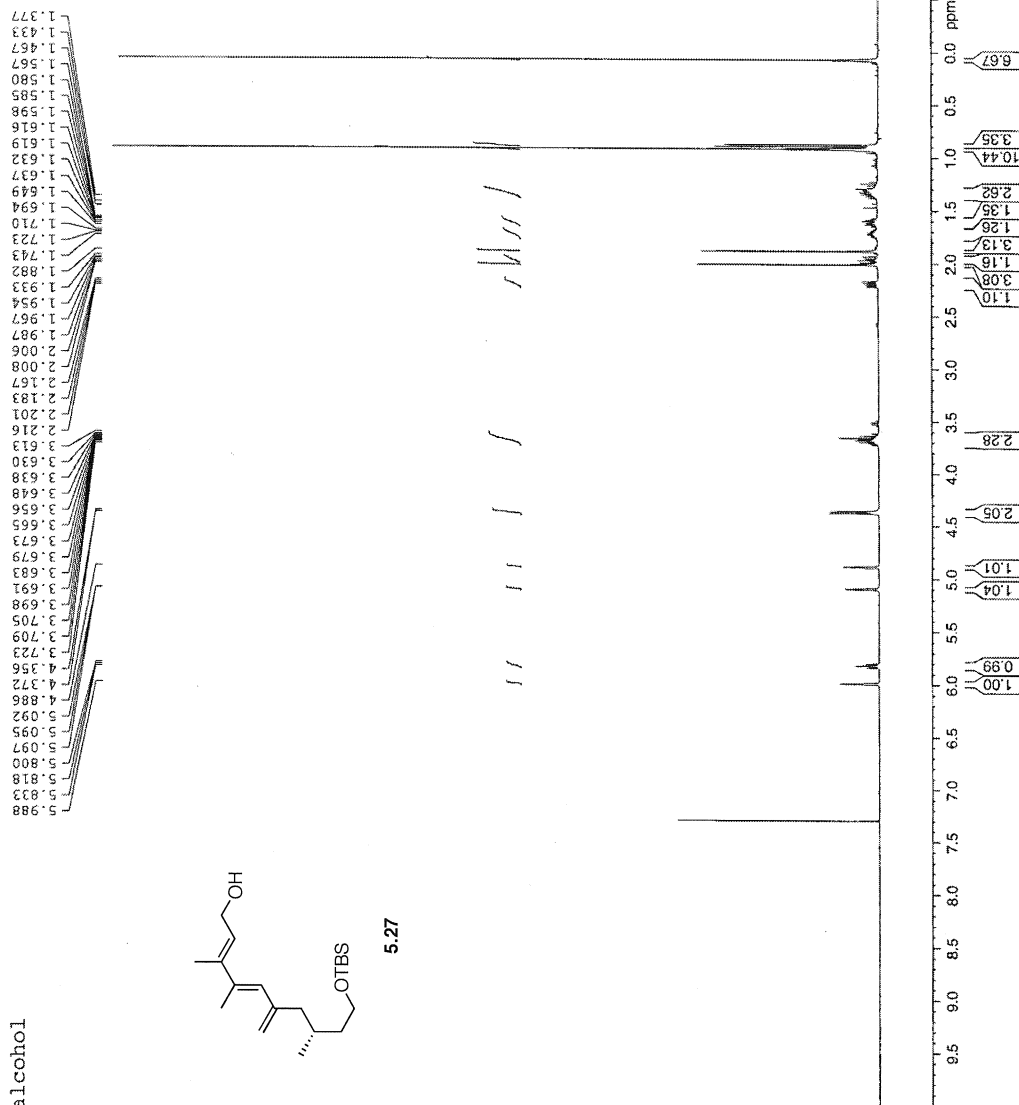
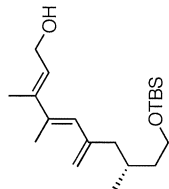
F1 - Acquisition Parameters
ND0        1
TD         87
SFO1      400.012 MHz
FIDRES    46.050654 Hz
SOLVENT   10.00 Ppm
P16       10.00 usec

F2 - Processing Parameters
SI         32768
SF         100.5825950 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40
  
```



5.36

alcohol



```

Current Data Parameters
NAME ampah1-14-9(071706)
EXPNO 1
PROCNO 1
USER Liang
=====
F2 Acquisition Parameters
Date_ 20060718
Time 16.25
INSTRUM spect
PROBHD 5 mm BBO BBO
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
DS 2
SWH 6410.256 Hz
AQ 0.060000 sec
RG 256.512
PC 1.000000 sec
DM 78.000 usec
DE 19.000 usec
TE 296.2 K
D1 2.0000000 sec
TD0 1
=====
CHANNEL f1
NUC1 1H
P1 16.00 usec
PL1 0.00 dB
SFO1 400.0128001 MHz
=====
F2 - Processing parameters
SI 32768
SF 400.0100000 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 1.00
    
```

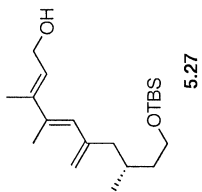
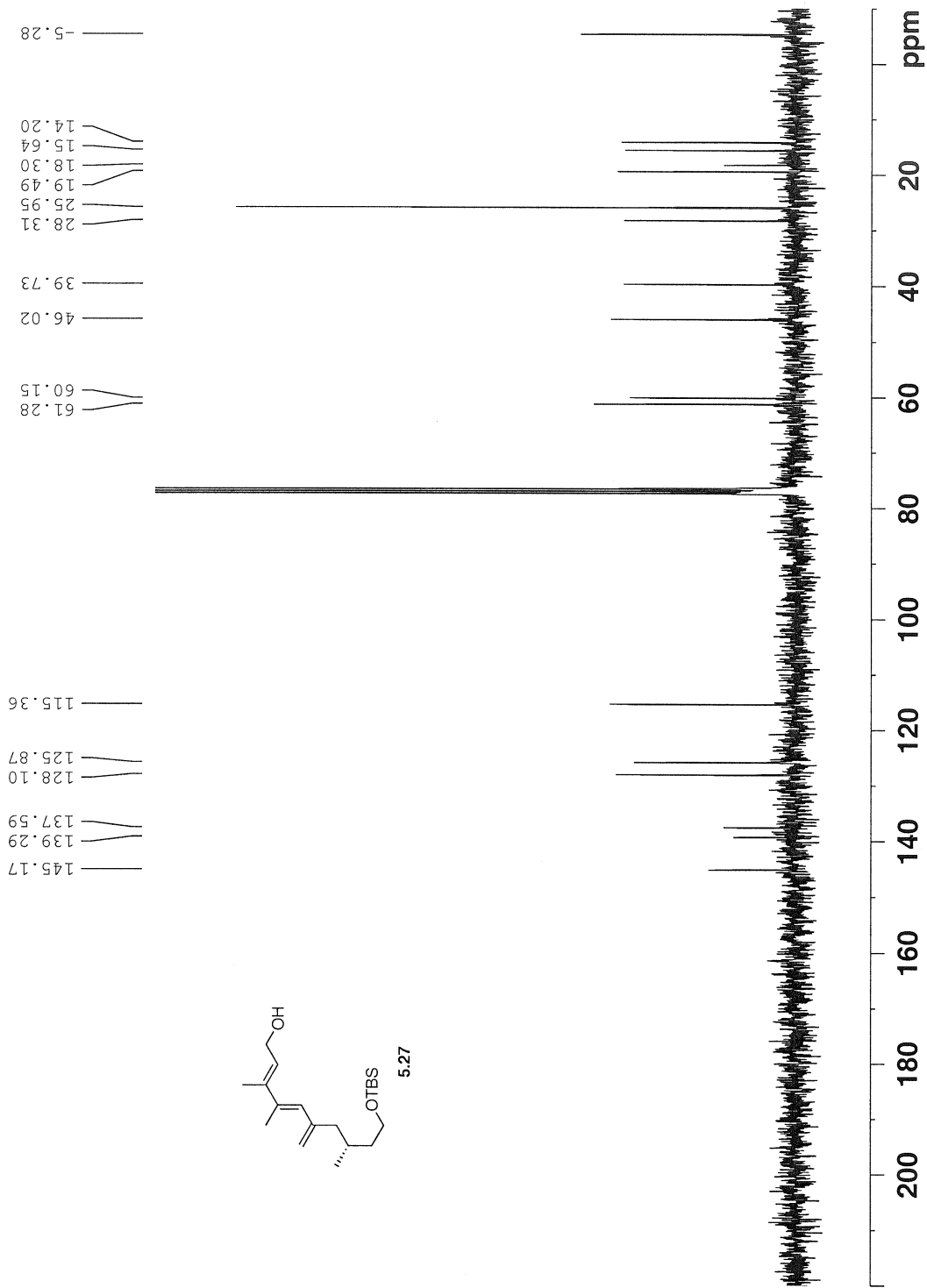
Current Data Parameters
NAME ampdb1-IV-9(0808)
EXPNO 1
PROCNO 2
DU /n
USER Liang

F2 - Acquisition Parameter
Date_ 20060808
Time 12.31
INSTRUM DFX300
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
DS 499
RG 10321.3
SWH 18832.393 Hz
FIDRES 0.287360 Hz
AQ 1.7400308 sec
RG 10321.3
DW 26.550 us
DE 6.00 us
TE 298.2 K
D1 0.15000001 sec
G11 0.03000000 sec
DELTA 0.05000000 sec
TDO 1

==== CHANNEL f1 =====
NUC1 13C
P1 8.80 us
PL1 -2.00 dB
SFO1 75.4760505 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 us
PL2 -3.00 dB
PL12 17.55 dB
PL13 17.55 dB
SFO2 300.1312005 MHz

F2 - Processing parameter:
SI 32768
SF 75.4677490 MHz
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40



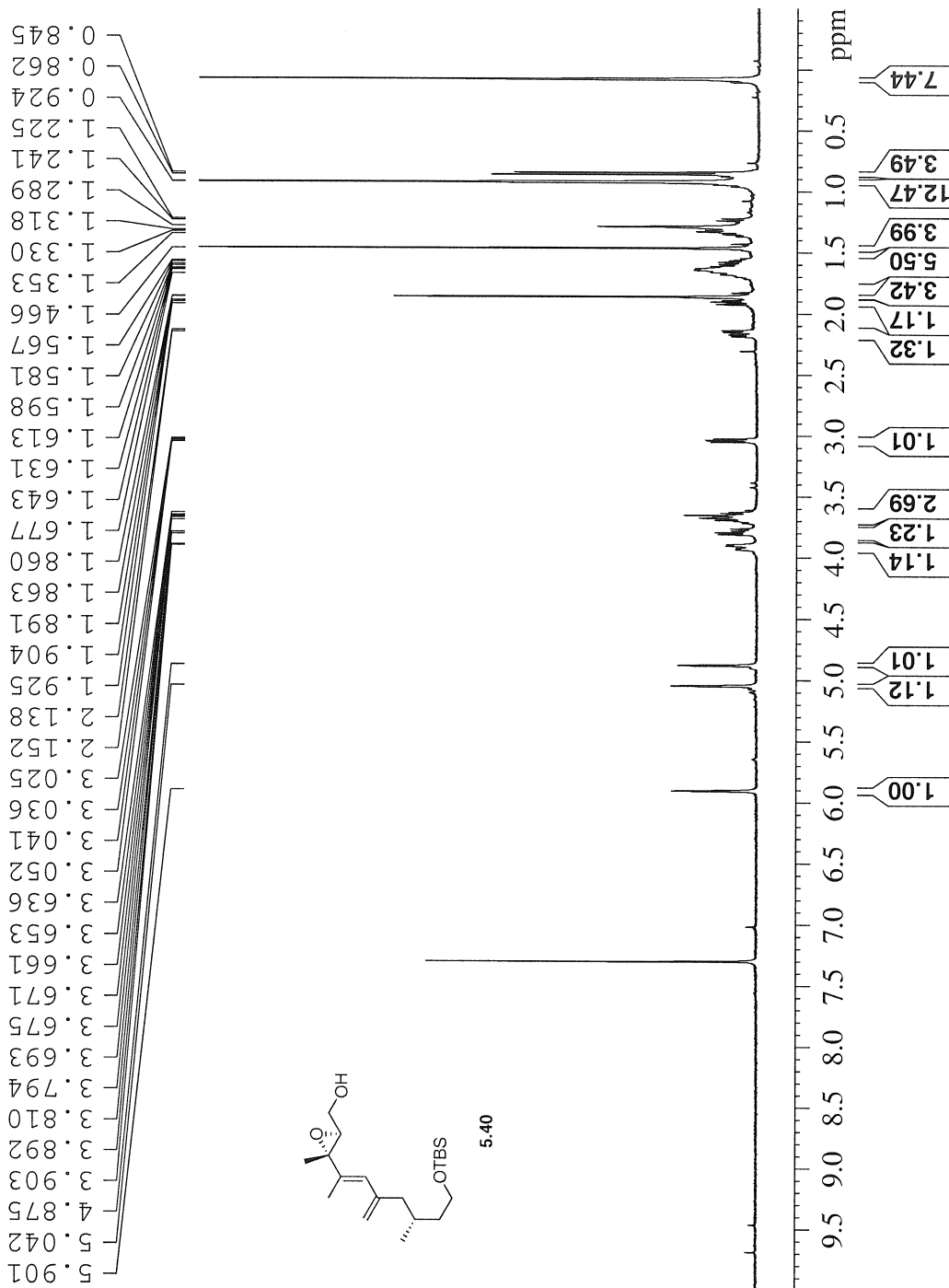
```

Current Data Parameters
NAME      empdli-1v-11 (01906)
PROCNO    1
DU        /h
USER      Liang

F2 - Acquisition Parameters
Date_     20060719
Time      17.34
INSTRUM   DEX400
PULPROG   zgpg30
TD        32768
SOLVENT   CDCl3
DS        32
SWH        6410.256 Hz
FIDRES     0.195625 Hz
AQ         2.5559540 sec
RG         327.68
DSB        78.002 usec
DE         6.00 usec
TE         298.2 K
D1         2.0000000 sec
TDO       1

===== CHANNEL f1 =====
NUC1      1H
P1        14.70 usec
PL        0.00 dB
SFO1      400.0126001 MHz

F2 - Processing parameters
SI        32768
SF        400.0100620 MHz
WDW       EM
SSB       0
LB        0.00 Hz
GB        0
PC        1.00
    
```



```

Current Data Parameters
NAME      ampdh1-IV-11-2 (071)
EXPNO    2
PROCNO   1
DU       /n
USER     Liang

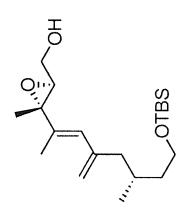
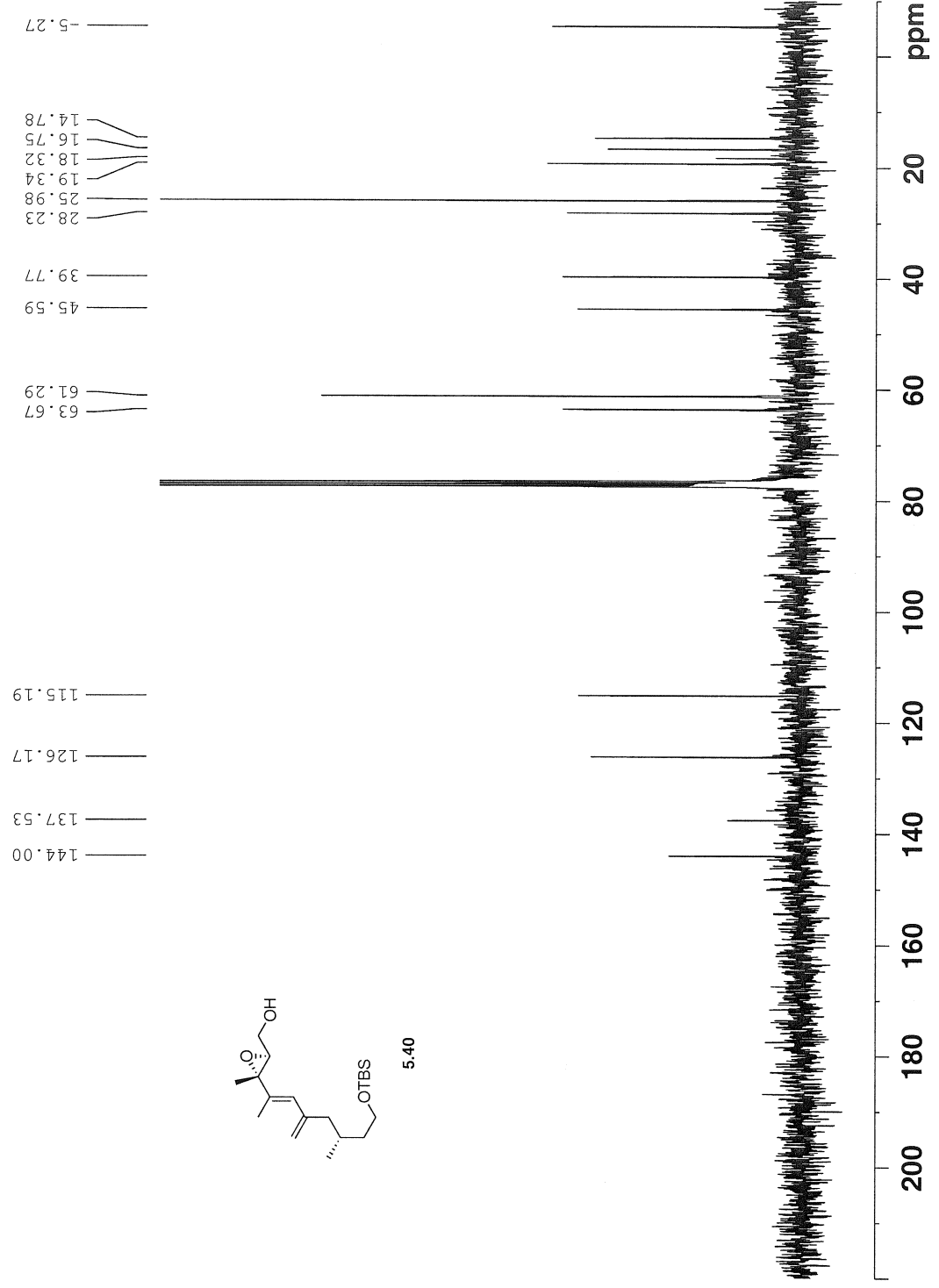
F2 - Acquisition Parameters
Date_    20060719
Time     17:50
INSTRUM  DFX300
PROBHD   5 mm QNP 1H/1
PULPROG  zgpg30
TD       65536
SOLVENT  CDCl3
NS       1074
DS       4
SWH      18832.393 Hz
FIDRES   0.287360 Hz
AQ        1.7400308 sec
RG        9195.2
DW        26.550 use
DE        6.00 use
TE        298.2 K
T1        0.1500001 sec
d11       0.0000000 sec
DELTA    0.05000000 sec
TD0       1

===== CHANNEL f1 =====
NUC1      13C
P1        8.80 use
PL1       -3.00 dB
SFO1      75.4760505 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
P2        80.00 use
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
WDW       EM
SSB       0
LB        3.00 Hz
GB        0
PC        1.40

```

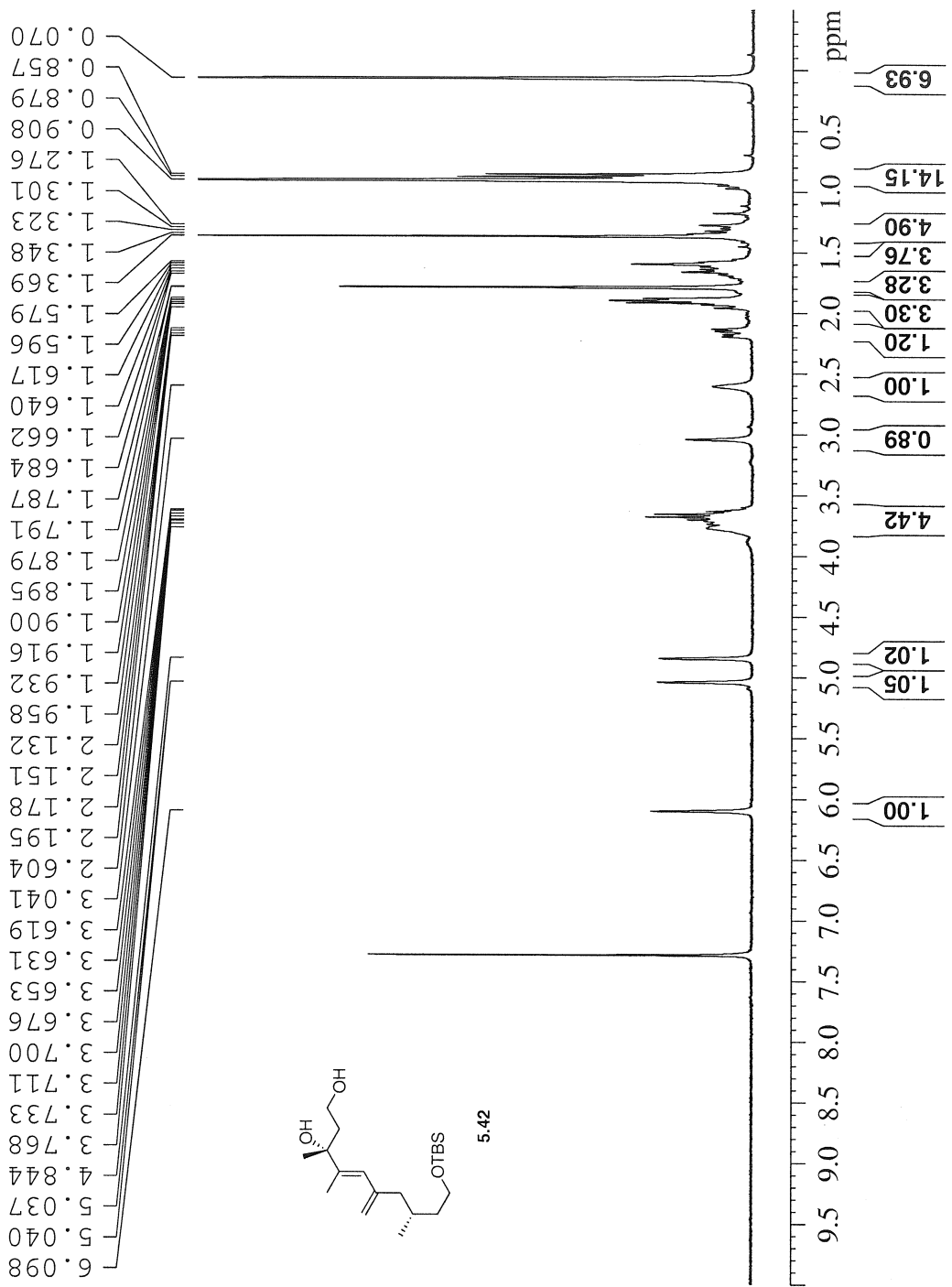


Current Data Parameters
 Name: ampdb1-17-11-1101 (072006)
 EXPNO: 1
 PROCNO: 1
 DU: /n
 USER: Liang

F2 - Acquisition Parameters
 Date_: 20060720
 Time: 17.19
 Host: spect
 PROBM: 131/0
 PULPROG: zg30
 TD: 32768
 SOLVENT: CDCl3
 DS: 32
 SWH: 4789.272 Hz
 FIDRES: 0.146157 Hz
 AQ: 3.4210291 sec
 RG: 640
 IN: 104.400 usec
 DE: 6.00 usec
 TE: 298.2 K
 D1: 2.0000000 sec
 D20: 1

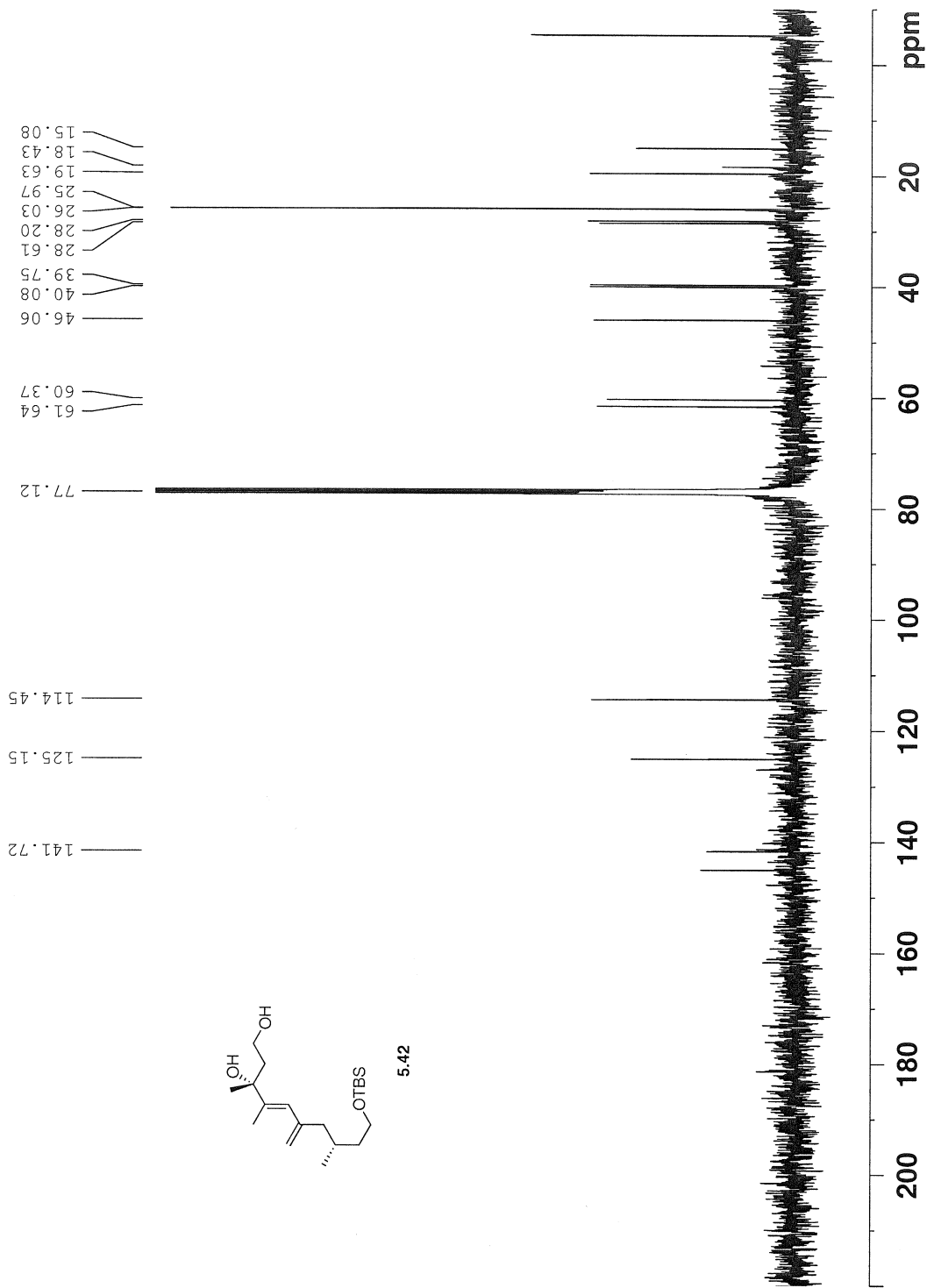
===== CHANNEL f1 =====
 NUC1: 1H
 P1: 6.00 usec
 PL1: -3.00 usec
 SFO1: 300.1321009 MHz

F2 - Processing Parameters
 SI: 32768
 SF: 300.1321009 MHz
 MEM: no
 SSB: 0
 LB: 0.00 Hz
 GB: 0
 PC: 1.00



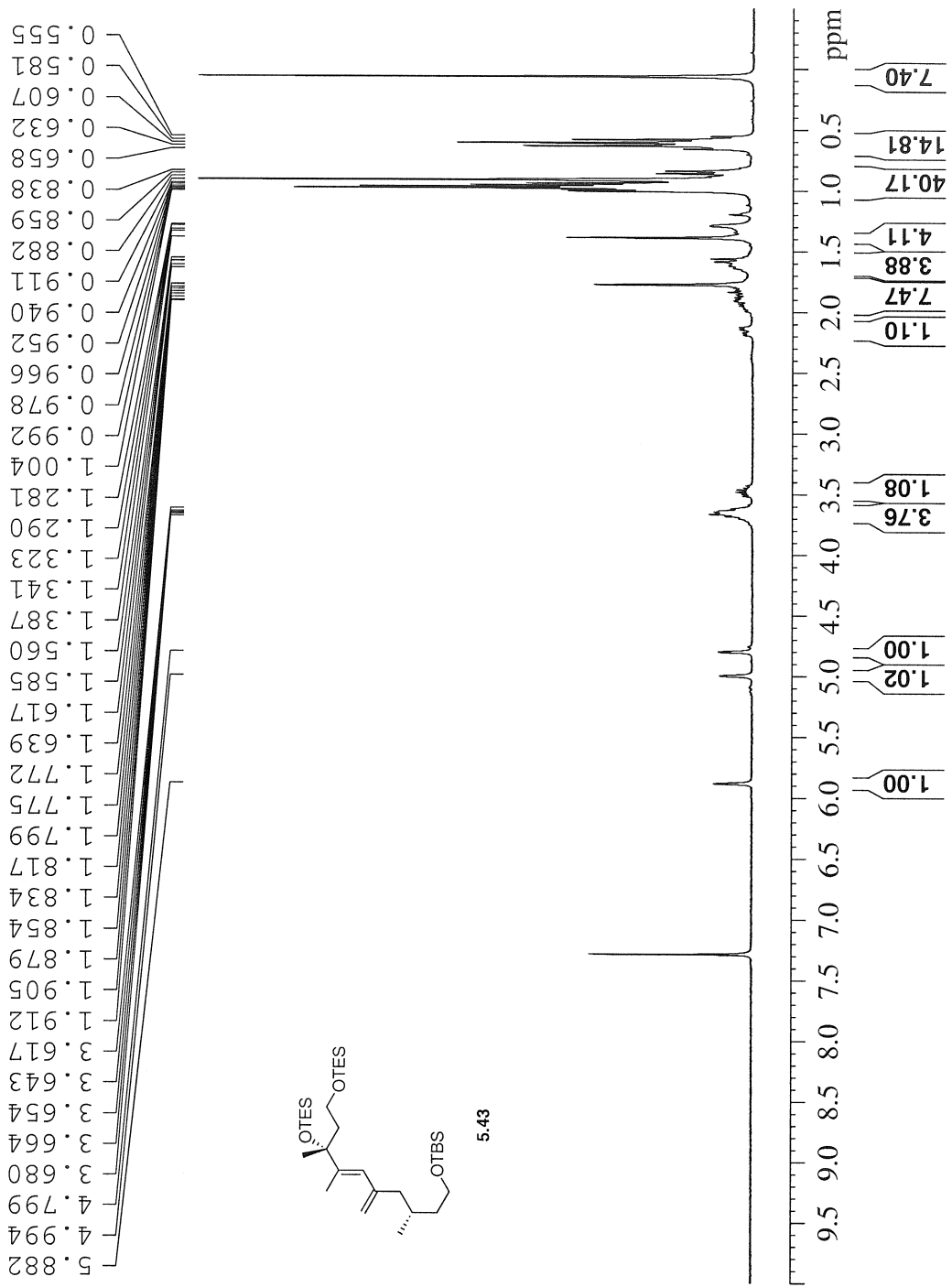
```

Current Data Parameters
NAME      ampabi-1V-11-diol(072)
EXPNO    1
PROCNO   1
F2 - Acquisition Parameters
Date_    20060720
Time     11.45
INSTRUM  DFY400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  1943
NS       1943
DS       4
SWH      25125.629 Hz
FIDRES   0.383387 Hz
AQ       1.3485164 sec
RG        311
DW       19.900 usec
DE       6.00 usec
TE       298.2 K
T1       0.1600001 sec
d11      0.0500001 sec
DELTA    0.05000000 sec
TD0      1
===== CHANNEL f1 =====
NUC1     13C
P1       7.80 usec
PL1      -3.00 dB
SFO1     100.5936591 MHz
===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2     1H
PCPD2    135.00 usec
PL2      17.40 dB
SFO2     400.0116000 MHz
===== CHANNEL f3 =====
PCPD3    135.00 usec
PL3      17.40 dB
SFO3     400.0116000 MHz
F2 - Processing Parameters
SI       32768
SF       100.5825900 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40
  
```



```

CURRENT DATA PARAMETERS
NAME      sample1-1v-1210815061
EXPNO    1
PROCNO   1
DU       /h
USER
=====
F2 - Acquisition Parameters
Time     20.00
Time     21.05
INSTRUM  spect
PROBHD   5 mm BBO
PULPROG  zgpg30
SOLVENT  CDCl3
NS       1158
DS       4
SWH      25135.623 HZ
FIDRES   0.383387 HZ
AQ       0.000100000 sec
RG       1.318
RG2      4096
RG3      4096
INTEG    19.590 usec
TE       298.2 K
DELTA    0.030000000 sec
===== CHANNEL f1 =====
NUC1      13C
P1        7.80 usec
PL1       0.00 dB
SFO1     100.625000 MHz
===== CHANNEL f2 =====
CPDPRG2  zgpg30
NUC2      1H
P2        13.00 usec
PL2       19.00 dB
SFO2     400.116000 MHz
=====
SI - Processing parameters
SI        32768
SF        300.130000 MHz
SFO1      100.625000 MHz
SFO2      400.116000 MHz
GB        0
GB2       0
GB3       0
PC        1.00
  
```



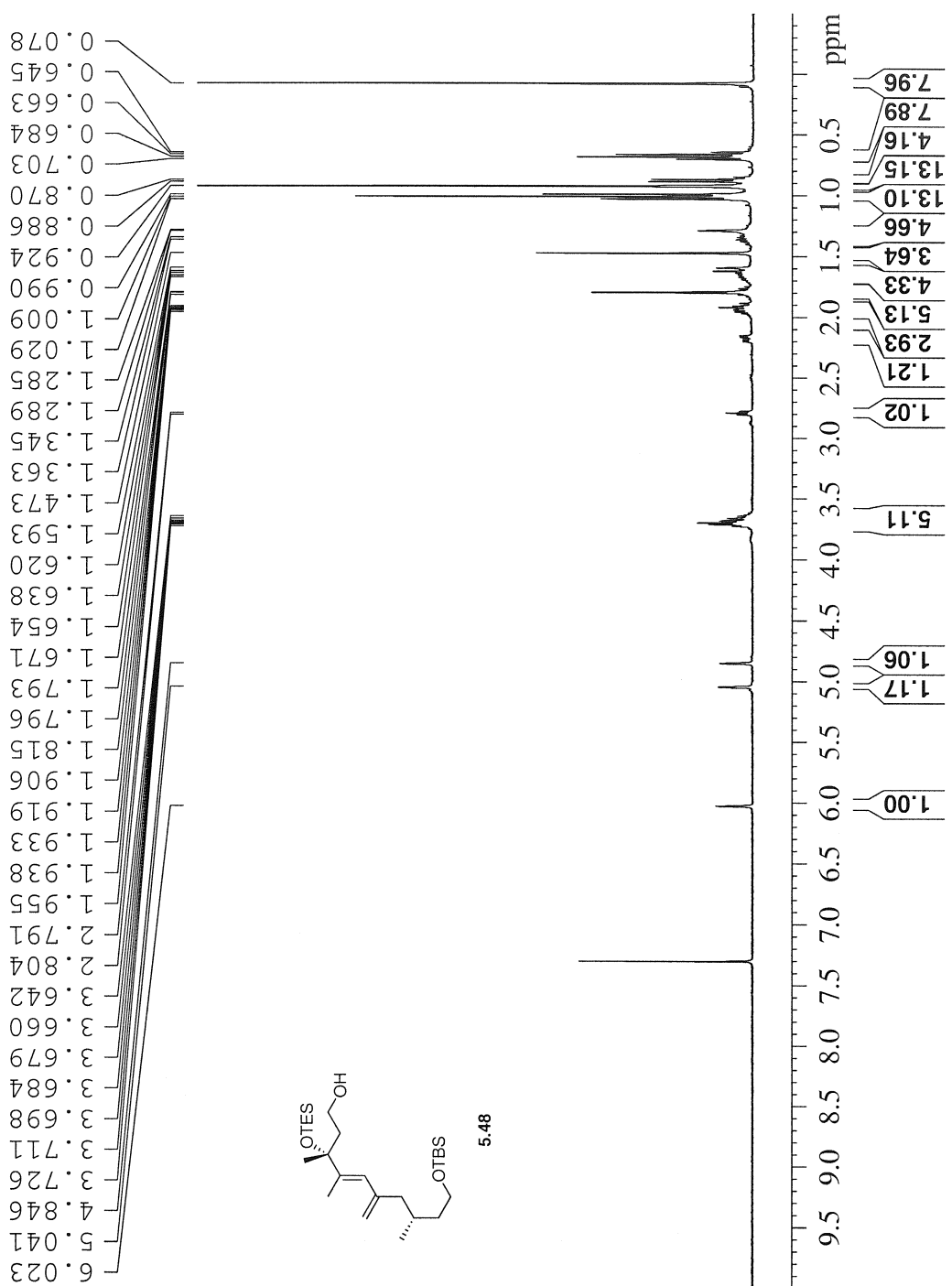
5.43


```

Current Data Parameters
NAME      sample1-TV-15(091406)
EXNO      3
PROCNO    1
DJ        /n
USER      Liang
Date_     20060914
Time      20.30
INSTRUM   spect
PROBHD    5 mm BBO BB-1H
PULPROG   zg30
TD        32768
SOLVENT   N2
NS        30
DS        2
SWH        6410.256 Hz
FIDRES     0.195625 Hz
AQ         2.555740 sec
RG         14
DM         78.000 usec
DE         6.00 usec
TE         288.2 K
TD0        2.00000000 sec

===== CHANNEL f1 =====
NUC1       1H
P1         16.70 usec
PL1        0.00 dB
SFO1       400.0128001 MHz

F2 - Processing parameters
SI         0
SF         400.0100000 MHz
WDW        no
SSB        0
GB         0
PC         1.00
    
```



```

Current Data Parameters
NAME      ampdb1-IV-15(0914
EXPNO     1
PROCNO    1
DU        /n
USER      Liang

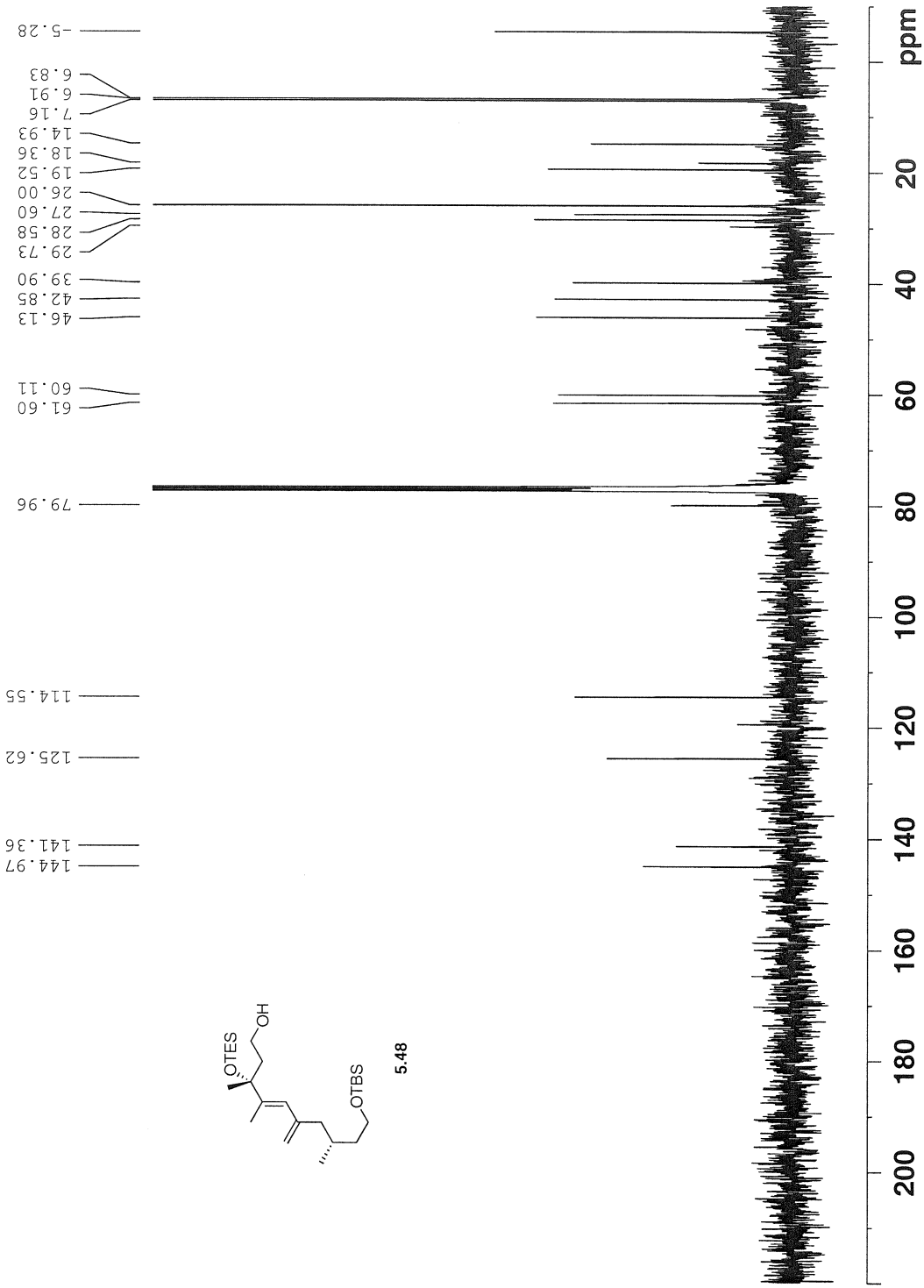
F2 - Acquisition Parameters
Date_     20060914
Time      21.48
INSTRUM   DFX400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD         65536
SOLVENT   2450
NS         4
DS         2
SFO1      25125.629 Hz
SFO2      0.383387 Hz
FIDRES    1.3042164 SK
RG         6502
DW         19.900 us
DE         6.00 us
TE         298.2 K
D1         0.15000001 SK
d11        0.03000000 SK
DELTA     0.05000000 SK
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         7.80 us
PL1        -1.00 dB
SFO1      100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
PCPD2     135.00 us
PL2       17.40 dB
PL12      17.40 dB
PL13      17.40 dB
SFO2      400.0116000 MHz

F2 - Processing parameters
SI         32768
SF         100.5625950 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40

```



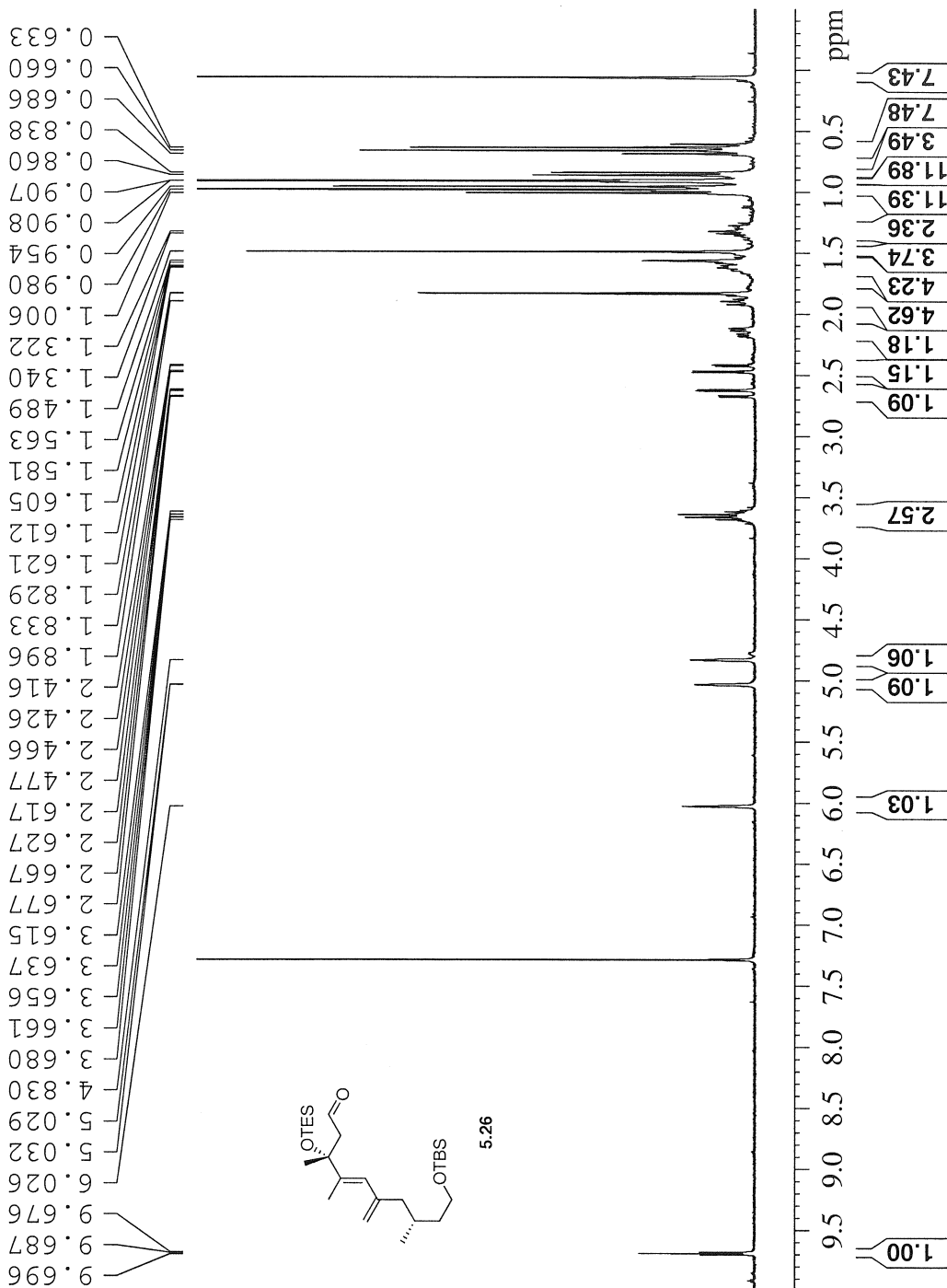
```

Current Data Parameters
NAME      empd01-1V-14(91506)
EXPNO     1
PROCNO    1
DU        /n
USER      Lieng

F2 - Acquisition Parameters
Date_     20060915
Time      15:03
Station   NMR
PROBHD    5 mm QNP 1H/1
PULPROG   zgpg30
TD         32768
SOLVENT   CDCl3
DS         32
SS        4789.272 Hz
FIDRES    0.146157 Hz
AQ         3.4210291 sec
RG         774.4
DW         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
SFO1       300.1321009 MHz

F2 - Processing parameters
SI         32768
SF         300.1300000 MHz
WDW        hc
SSB        0
LB         0.00 Hz
GB         0
PC         1.00
    
```



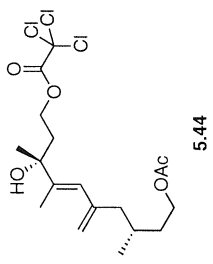
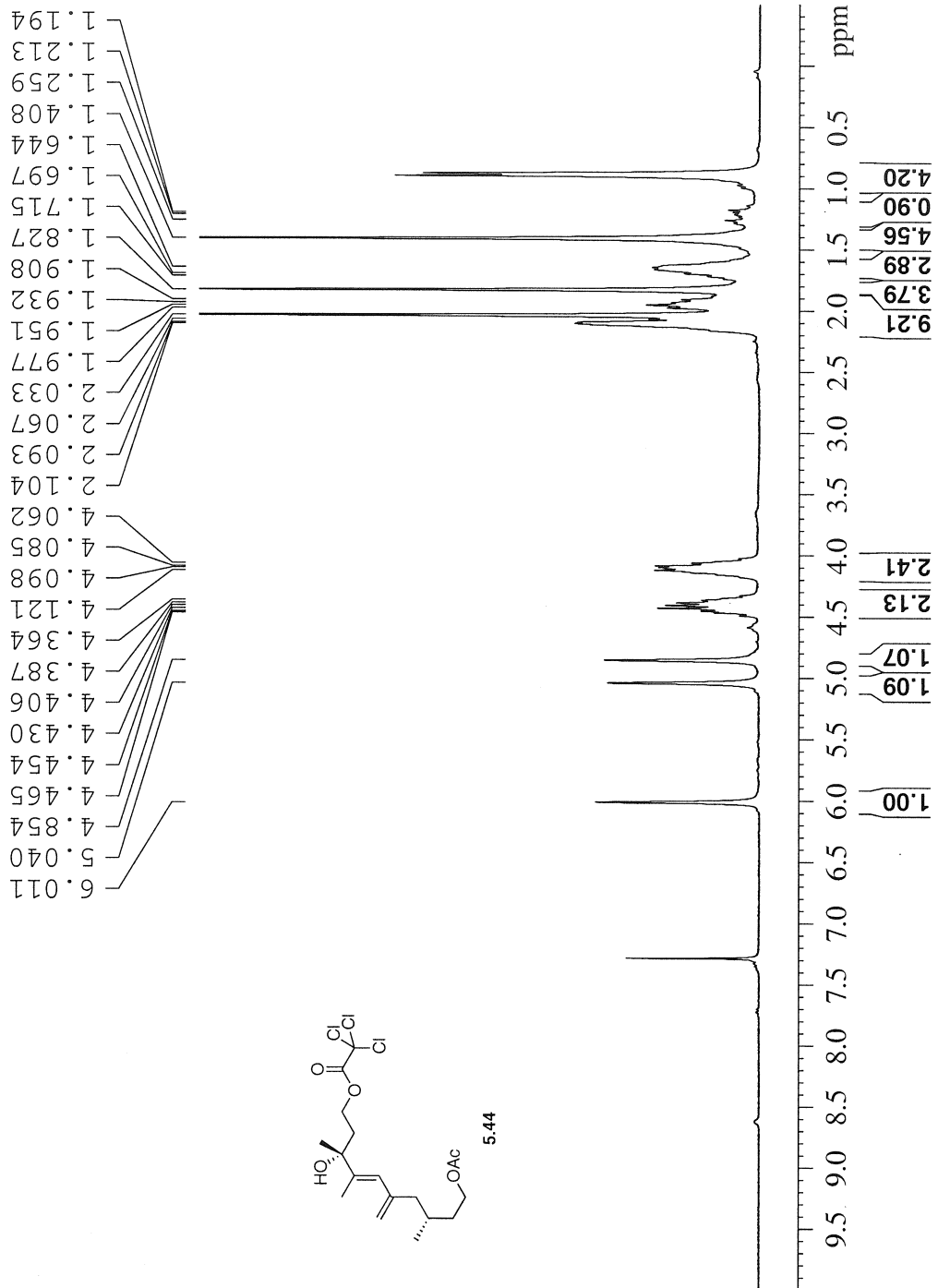
```

Current Data Parameters
NAME      7-15-2
EXNO      2
PROCNO    1
DU        /h
USER      Liang

F2 - Acquisition Parameters
Date_     20080205
Time      10.23
INSTRUM   DPX00
PROBHD    5 mm QNP 1H/1
PULPROG   zg30
TD         32768
SOLVENT   CDCl3
NS         12
DS         2
SWH        4789.272 Hz
FIDRES     0.146157 Hz
AQ         3.4210291 sec
RG         655.36
EW         104.400 usec
DE         6.00 usec
TE         288.2 K
D1         2.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         9.00 usec
PL1        0.00 dB
SFO1       300.1321009 MHz

F2 - Processing parameters
SI         32768
SF         300.1300000 MHz
WDW        no
SSB        0
LB         0.00 Hz
GB         0
PC         1.00
    
```




```

Current Data Parameters
NAME       7-75-2
EXPNO     3
PROCNO    1
EU        /h
USER      Liang

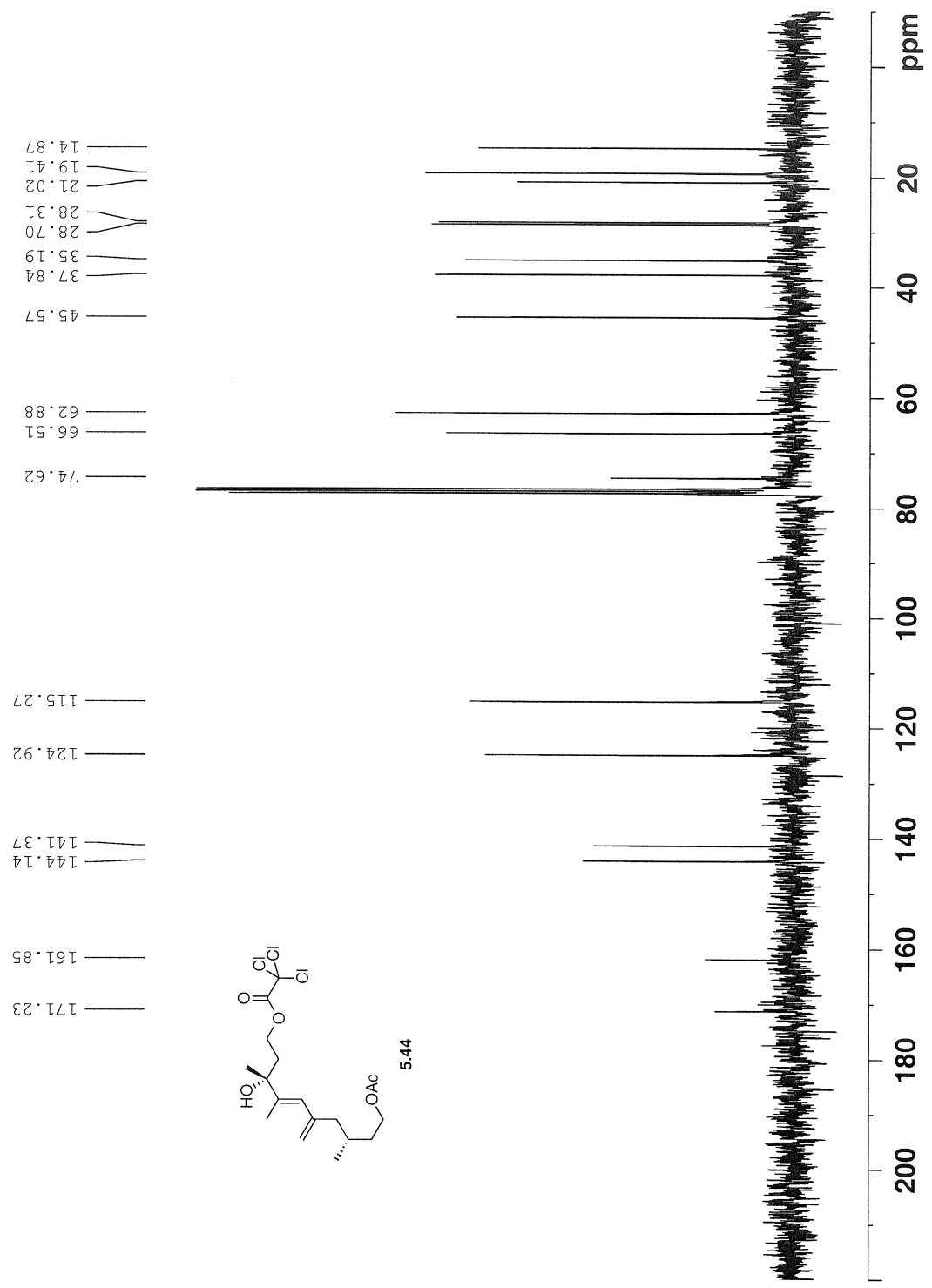
F2 - Acquisition Parameters
Date_     20080205
Time      10.26
INSTRUM   DFX300
PROBHD    5 mm QNP 1H/1
PULPROG   zgpg30
TD        65536
SOLVENT   CDCl3
NS        156
DS        4
SWH       18832.393 Hz
FIDRES    0.287360 Hz
AQ        1.7400308 s
RG        9195.2
DM        26.550 us
DE        6.00 us
TE        298.2 K
D1        0.15000001 s
d11       0.03000000 s
DELTA     0.05000000 s
TD0       1

===== CHANNEL f1 =====
NUC1      13C
P1        8.80 us
PL1       -3.00 dB
SFO1      75.4760505 MHz

===== CHANNEL f2 =====
CPDPRG2   wait216
NUC2      1H
P2        80.00 us
PL2       -3.00 dB
PL12      17.55 dB
PL13      17.55 dB
SFO2      300.1312005 MHz

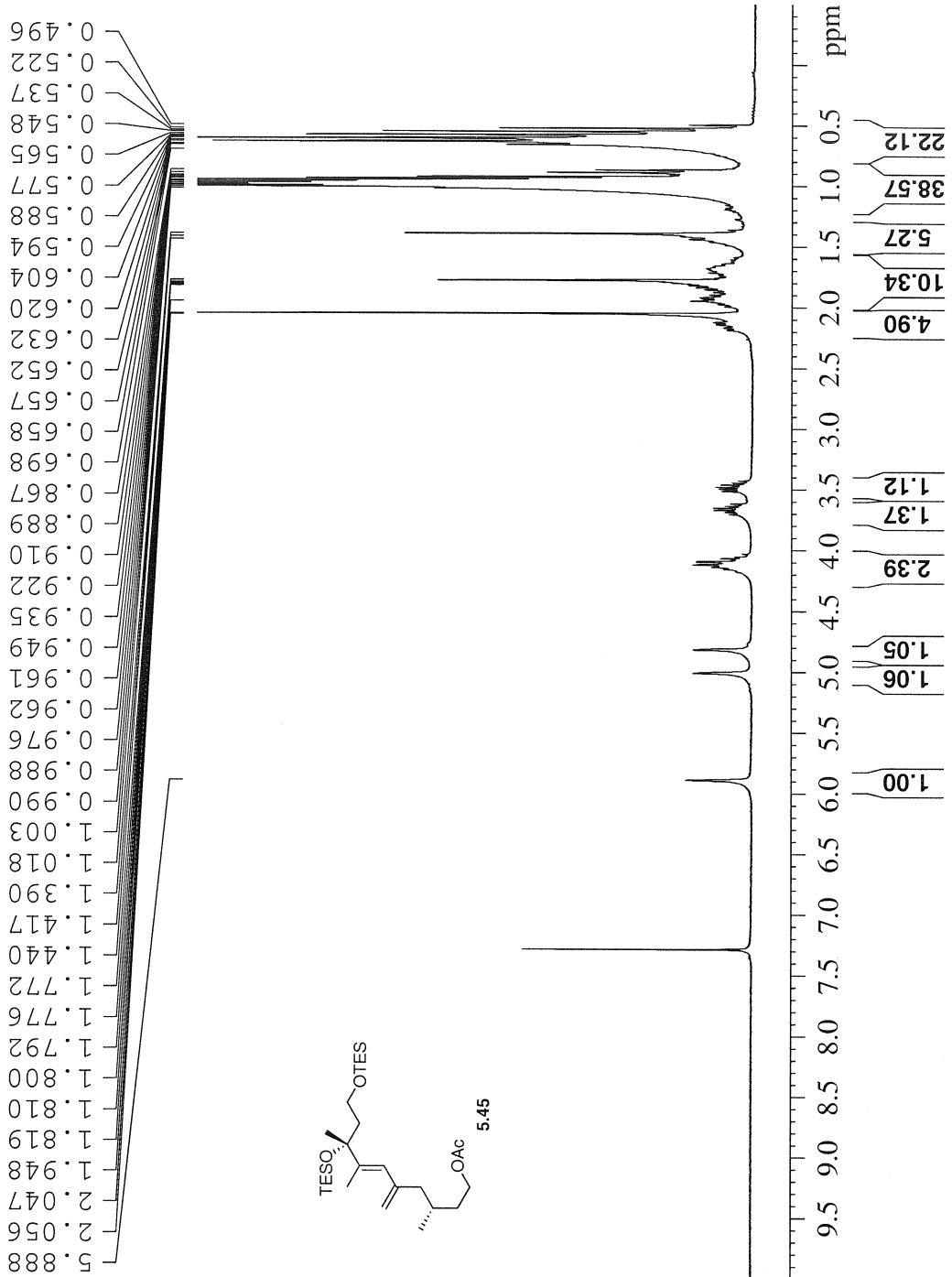
F2 - Processing parameters
SI        32768
SF        75.4677490 MHz
WDW       EM
SSB       0
LB        3.00 Hz
GB        0
PC        1.40

```



```

Current Data Parameters
NAME       7-19-92
EXPNO      1
PROCNO     1
F2 - Acquisition Parameters
Date_      20080214
Time       15.26
PROBHD     DP47
PULPROG    5 mm QNP 1H1
TD          32768
SOLVENT    CDCl3
NS          2
DS          2
SWH         4789.272 Hz
FIDRES     0.146157 Hz
AQ          3.4210291 sec
RG          327.68
DM          104.400 usec
DE          6.00 usec
TE          288.2 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          327.68
SF          300.1300000 MHz
WDW         no
SSB         no
LB          0
GB          0
PC          1.00
  
```



```

Current Data Parameters
NAME       7-76-2
EXPNO     2
PROCNO    1
DU        /n
USER      Liang

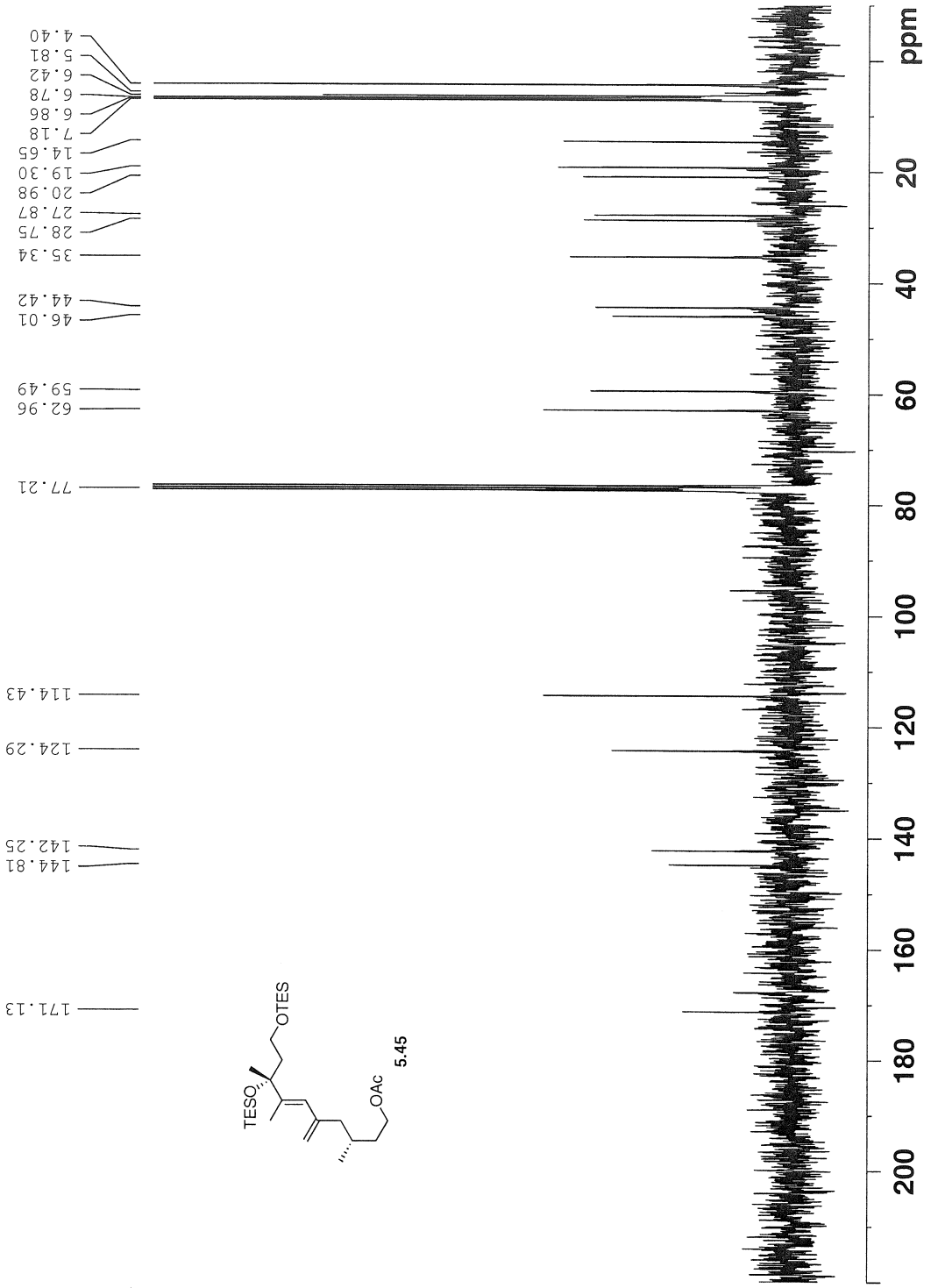
F2 - Acquisition Parameters
Date_     20080214
Time      15.30
INSTRUM   DEX300
PROBHD    5 mm QNP 1H/1
PULPROG   zgpg30
TD        65536
SOLVENT   CDCl3
NS        189
DS        4
SWH        18832.393 Hz
FIDRES    0.287360 Hz
AQ         1.7400308 s€
RG         9195.2
DM         26.550 us
DE         6.00 us
TE         298.2 K
D1         0.15000001 s€
g11        0.03000000 s€
DELTA     0.05000000 s€
TDO        1

===== CHANNEL f1 =====
NUC1       13C
P1         8.80 us
PL1        3.00 dB
SFO1       75.4760505 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       1H
PCPD2      80.00 us
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
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40

```



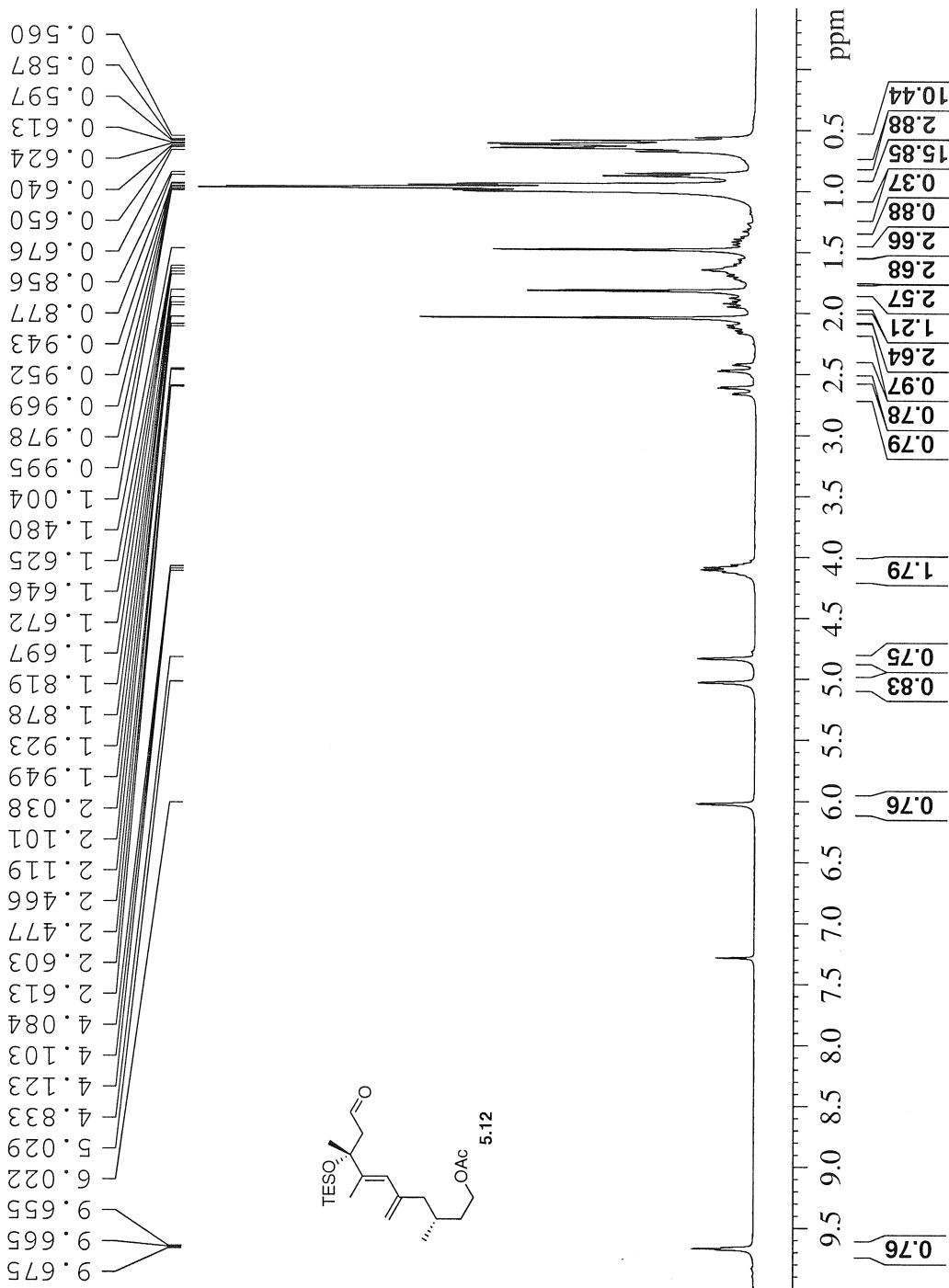
```

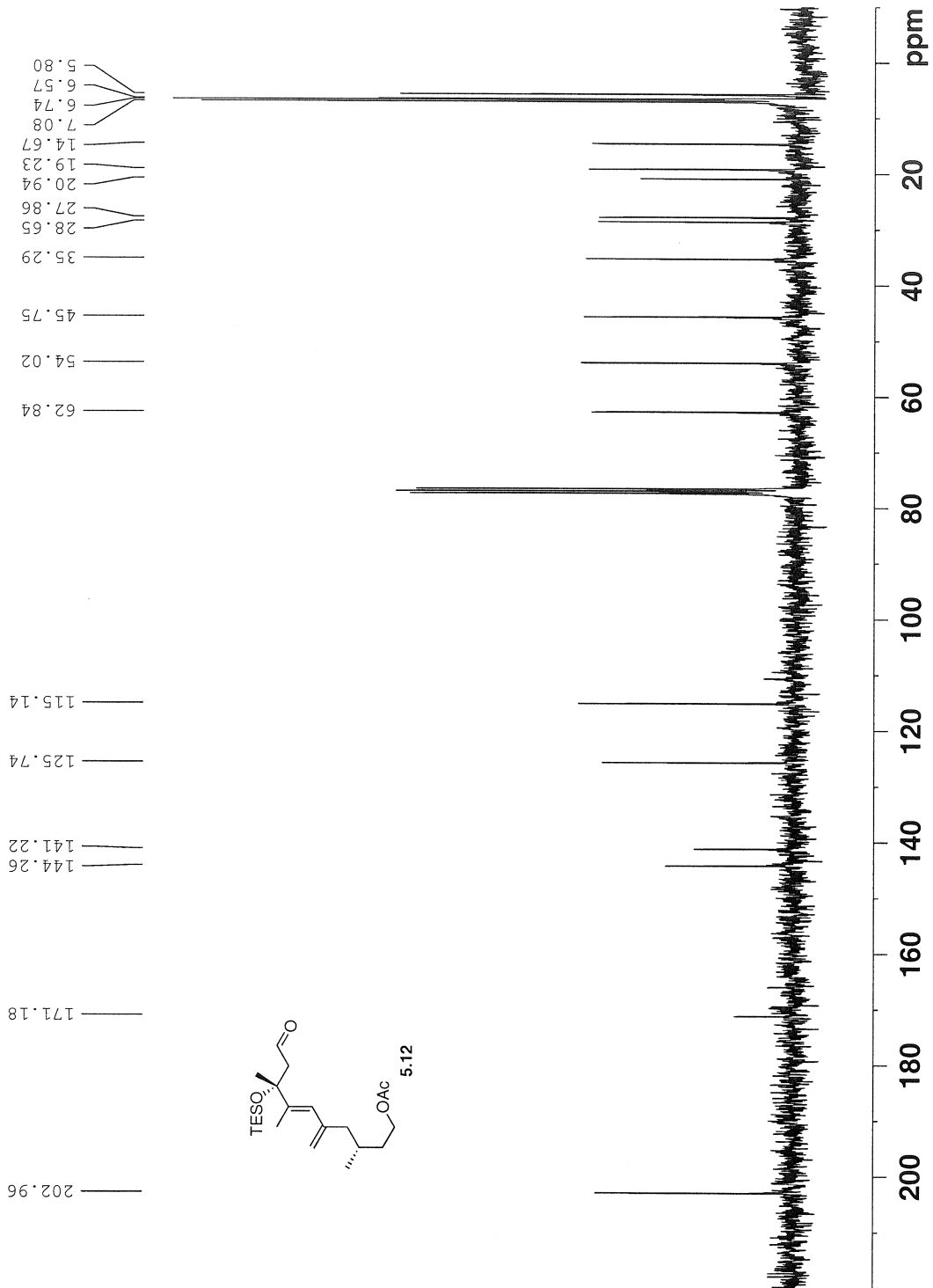
Current Data Parameters
NAME      7-41
EXPNO     1
PROCNO    1
DU        /n
USER      Liang

F2 - Acquisition Parameters
Date_     20080216
Time      15.08
INSTRUM   DPX2
PROBHD    5 mm QNP 1H/1
PULPROG   zgpg30
TD        32768
SOLVENT   CDCl3
NS        1
DS        2
SWH        4789.272 Hz
FIDRES     0.146157 Hz
AQ         3.4210251 sec
RG         3
DM         104.400 usec
DE         6.00 usec
TE         288.2 K
D1         2.00000000 sec
TDO       1

===== CHANNEL f1 =====
NUC1       1H
P1         9.18 usec
PL1        -1.00 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
    
```





Current Data Parameters
 NAME 7-8
 EXPNO 1
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20080216
 Time 15.23
 INSTRUM DFX300
 PROBHD 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 188
 DS 4
 SFO1 18832.304 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 9195.2
 DW 26.550 usec
 DE 6.00 usec
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

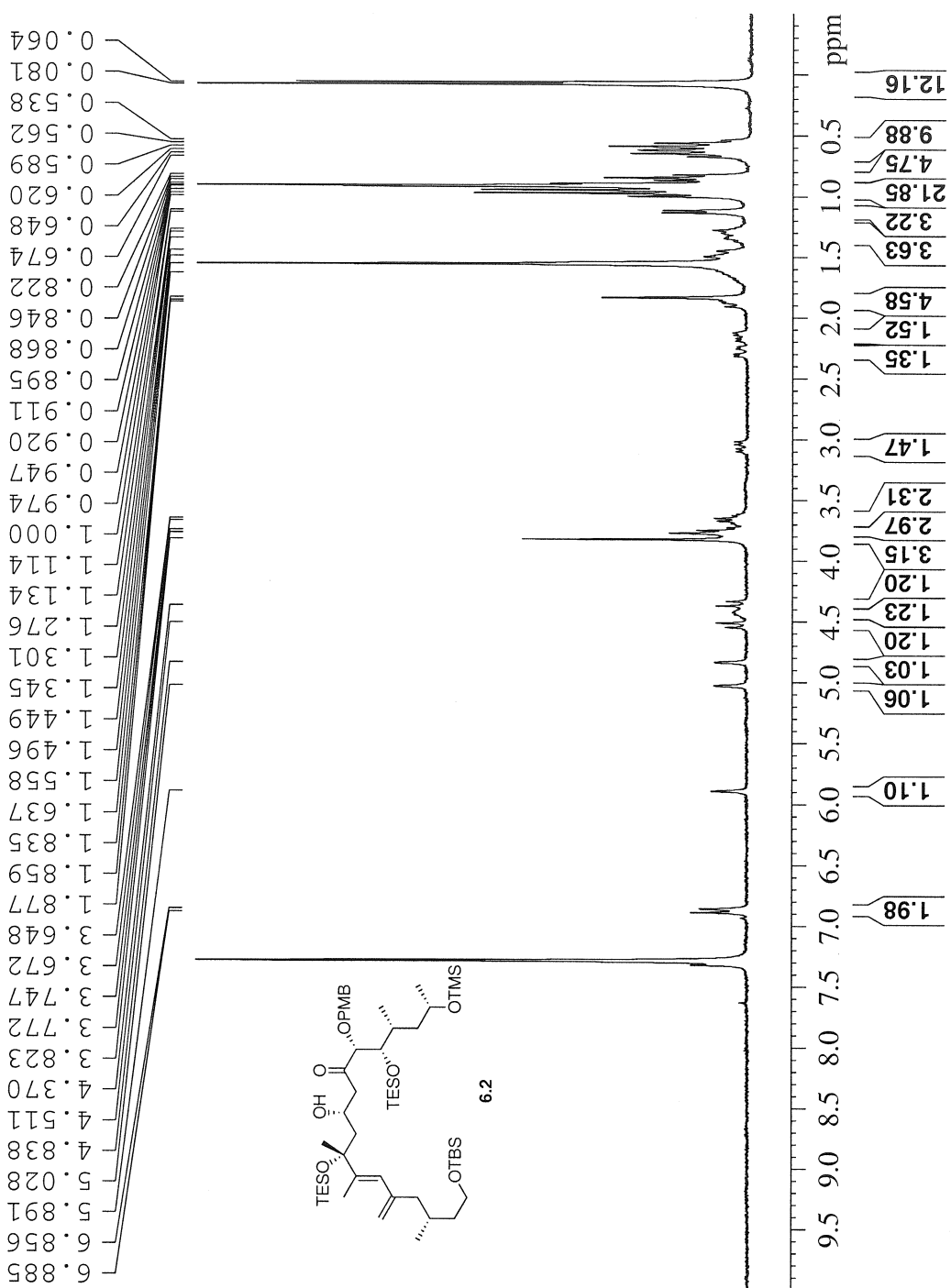
==== CHANNEL f1 =====
 NUC1 13C
 P1 8.80 usec
 PL1 3.00 dB
 SFO1 75.4760505 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 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
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

```

Current Data Parameters
ampdb1-1v-a103 (091206)
EXRNO
PROCNO 1
DU USER Liang /h
F2 - Acquisition Parameters
Date_ 20060912
Time 18.32
INSTRUM DPX300
PROBHD 5 mm QNP
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
NS 64
DS 4
SWH 4789.272 Hz
FIDRES 0.146157 Hz
AQ 3.4210291 sec
RG 314.000 usec
DE 10.000 usec
TE 298.2 K
DL 2.00000000 sec
TDO 1
===== CHANNEL f1 =====
NUC1 1H
P1 9.00 usec
PL 0.00 dB
SFO1 300.1321009 MHz
F2 - Processing Parameters
SI 32768
SF 300.1321009 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
  
```



```

Current Data Parameters
NAME      3-49
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

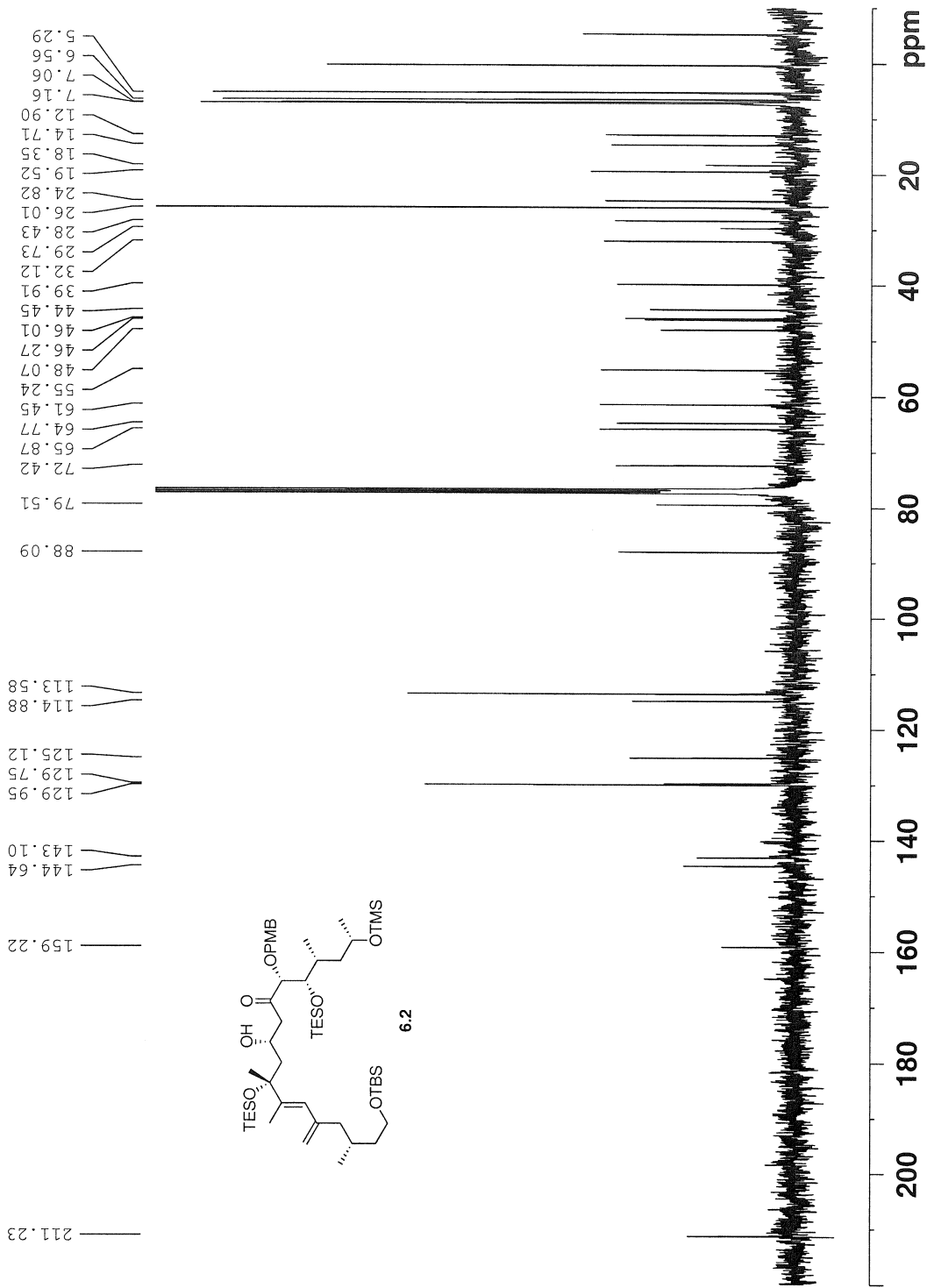
F2 - Acquisition Parameter
Date_    20060928
Time     15.46
INSTRUM  DFX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  1600
NS       1600
DS       4
SFH      25125.629 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 sec
RG       2048
DW       19.900 usec
DE       6.00 usec
TE       298.2 K
D1       0.15000001 sec
G11      0.03000000 sec
DELTA    0.05000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1     13C
P1       7.80 usec
PL1      0.00 dB
SFO1     100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2     1H
PCPD2    135.00 usec
PL2      17.40 dB
PL12     17.40 dB
PL13     17.40 dB
SFO2     400.0116000 MHz

F2 - Processing parameters:
SI       32768
SF       100.5825950 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40

```



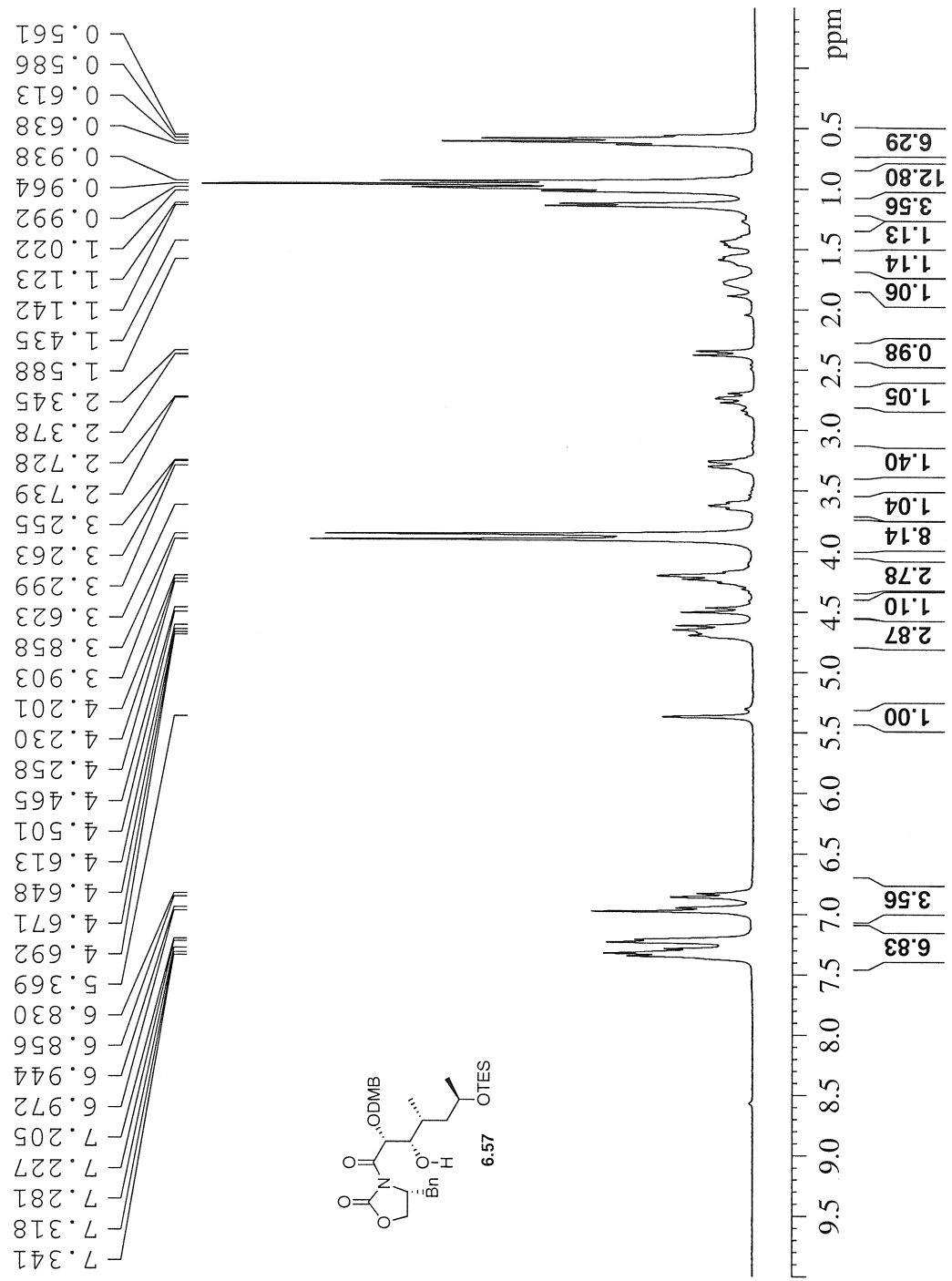
```

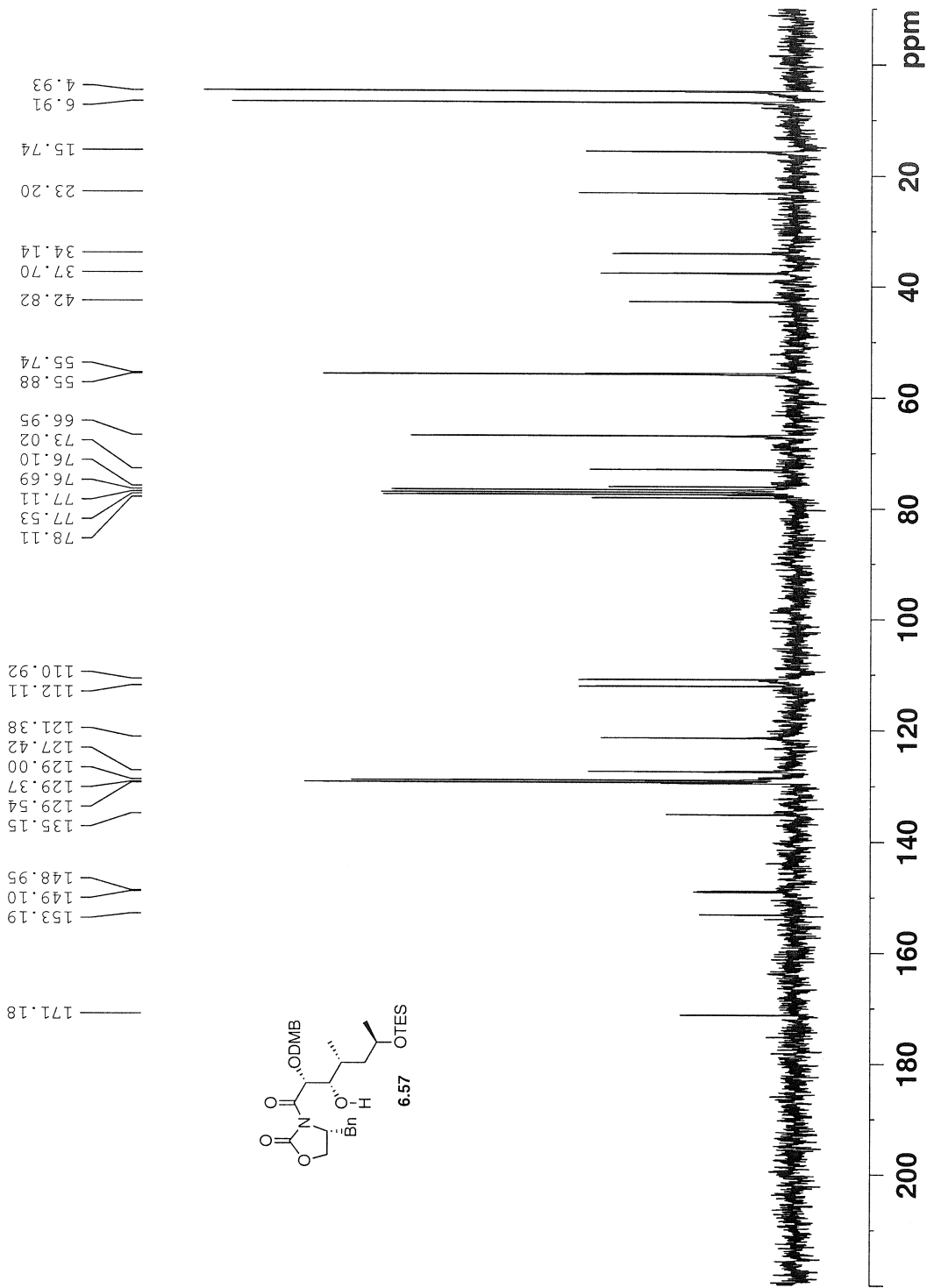
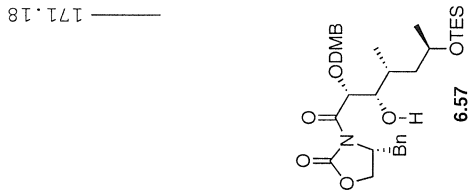
Current Data Parameters
NAME      4-31-2
EXPNO     1
PROCNO    1
DU        /n
USER      Liang

F2 - Acquisition Parameters
Date_     20061212
Time      16.45
INSTRUM   spect
PROBHD    5 mm QNP
PULPROG   zg30
TD         32768
SOLVENT   CDCl3
DS         12
SS         12
SMH        4789.272 Hz
FIDRES     0.146157 Hz
AQ         3.4210291 sec
RG         327.68
DE         104.400 usec
TE         298.2 K
D1         2.00000000 sec
TD0        1

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

F2 - Processing Parameters
SI         32768
SF         300.1360000 MHz
WDW        hc
SSB        0
LB         0.00 Hz
GB         0
PC         1.00
    
```





```

Current Data Parameters
NAME      4-51-2
EXPNO     1
PROCNO    1
DU        /n
USER      Liang

F2 - Acquisition Parameters
Date_     20061212
Time      17.03
INSTRUM   DPX300
PROBHD    5 mm QNP 1H/1
PULPROG   zgpg30
TD         65536
SOLVENT   CDCl3
NS         50
DS         4
SFOH      18832.393 Hz
FIDRES    0.287360 Hz
AQ         1.7400308 sec
RG         16384
DW         26.550 us
DE         6.00 us
TE         298.2 K
D1         0.15000001 sec
d11        0.03000000 sec
DELTA     0.05000000 sec
TDO        1

===== CHANNEL f1 =====
NUC1       13C
P1         8.80 us
PL1        -3.00 dB
SFO1       75.4765050 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2       1H
PCPD2      80.00 us
PL2        -3.00 dB
PL12       17.55 dB
PL13       17.55 dB
SFO2       300.1312005 MHz

F2 - Processing parameters:
SI         32768
SF         75.4677450 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40
  
```

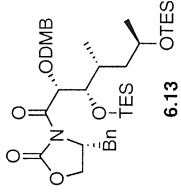
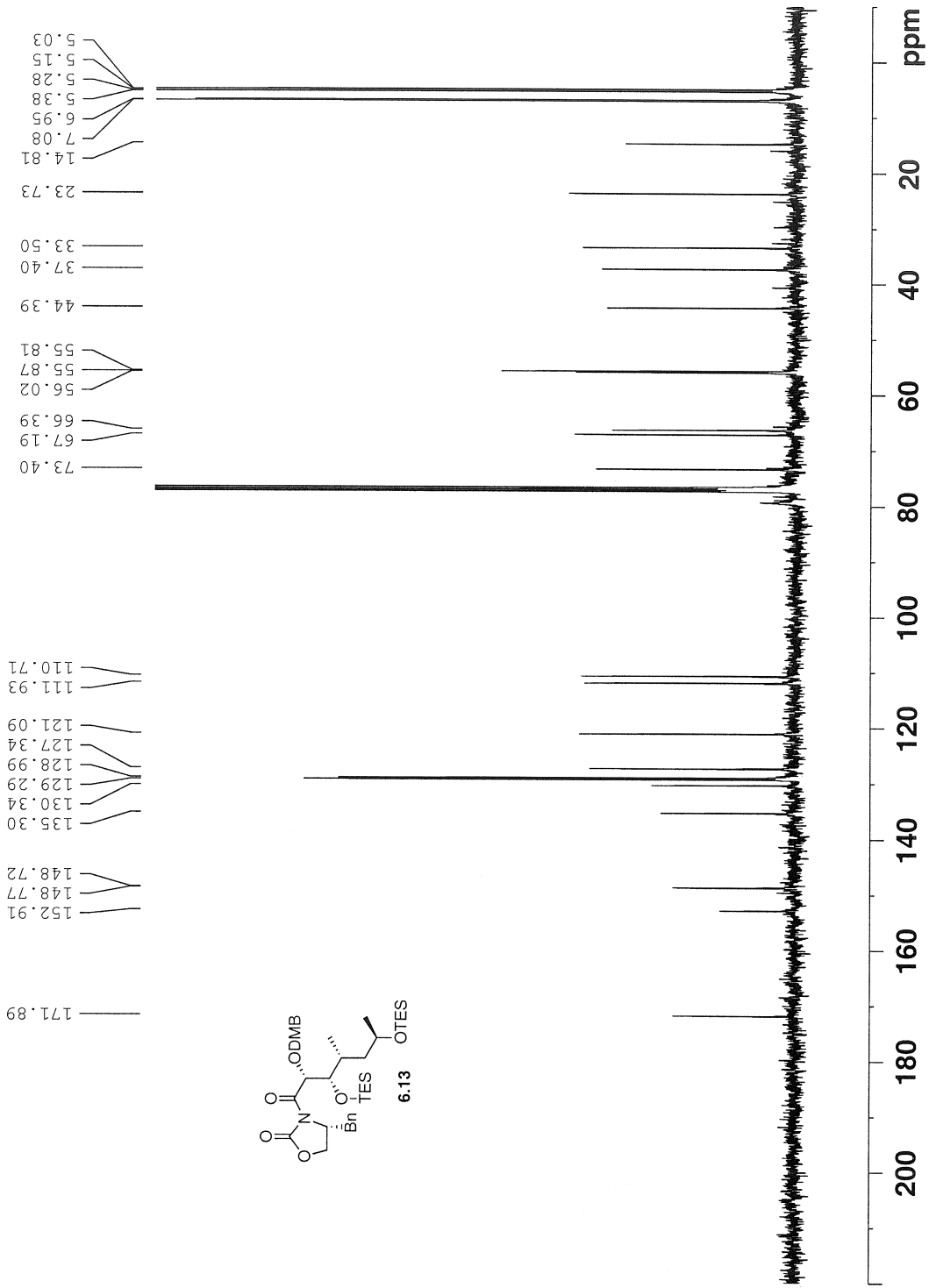

Current Data Parameters
 NAME DMB-aldol-TES etf
 EXPNO 3
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameter
 Date_ 20081125
 Time 20.41
 INSTRUM DFX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT NS
 NS 1641
 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
 g11 0.03000000 s
 DELTA 0.05000000 s
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 us
 PL1 -3.00 dB
 SFO1 100.5785700 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
 GB 3.00 Hz
 PC 0
 1.40

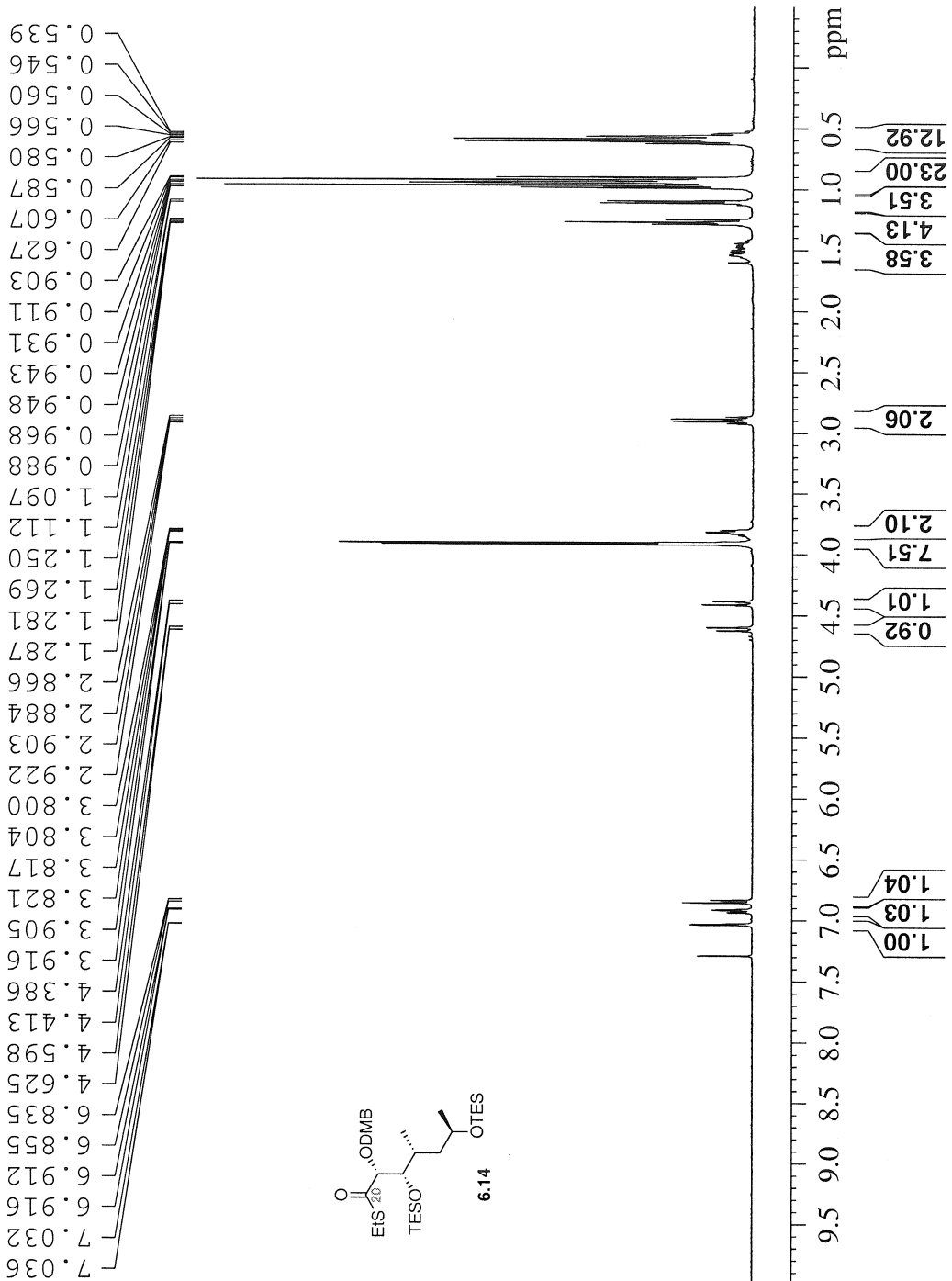


```

Current Data Parameters
Name      DMB-Chlosterc
EXPNO    2
PROCNO   1
INSTRUM  /n
F2 - Acquisition Parameters
Date_    20081125
Time     20.56
PROBHD   5 mm BBO
PULPROG  zg30
TD        32768
SOLVENT  l8
NS        18
DS        2
SWH       6410.256 Hz
FIDRES    0.195625 Hz
AQ        2.555540 sec
RG        480.000
DE        78.000 usec
TE        298.2 K
DL        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       no
SSB       0
LB        0.00 Hz
GB        0
PC        1.00
    
```



```

Current Data Parameters
NAME      DMB-thiolester
EXPNO     4
PROCNO    1
DU        /n
USER      Liang

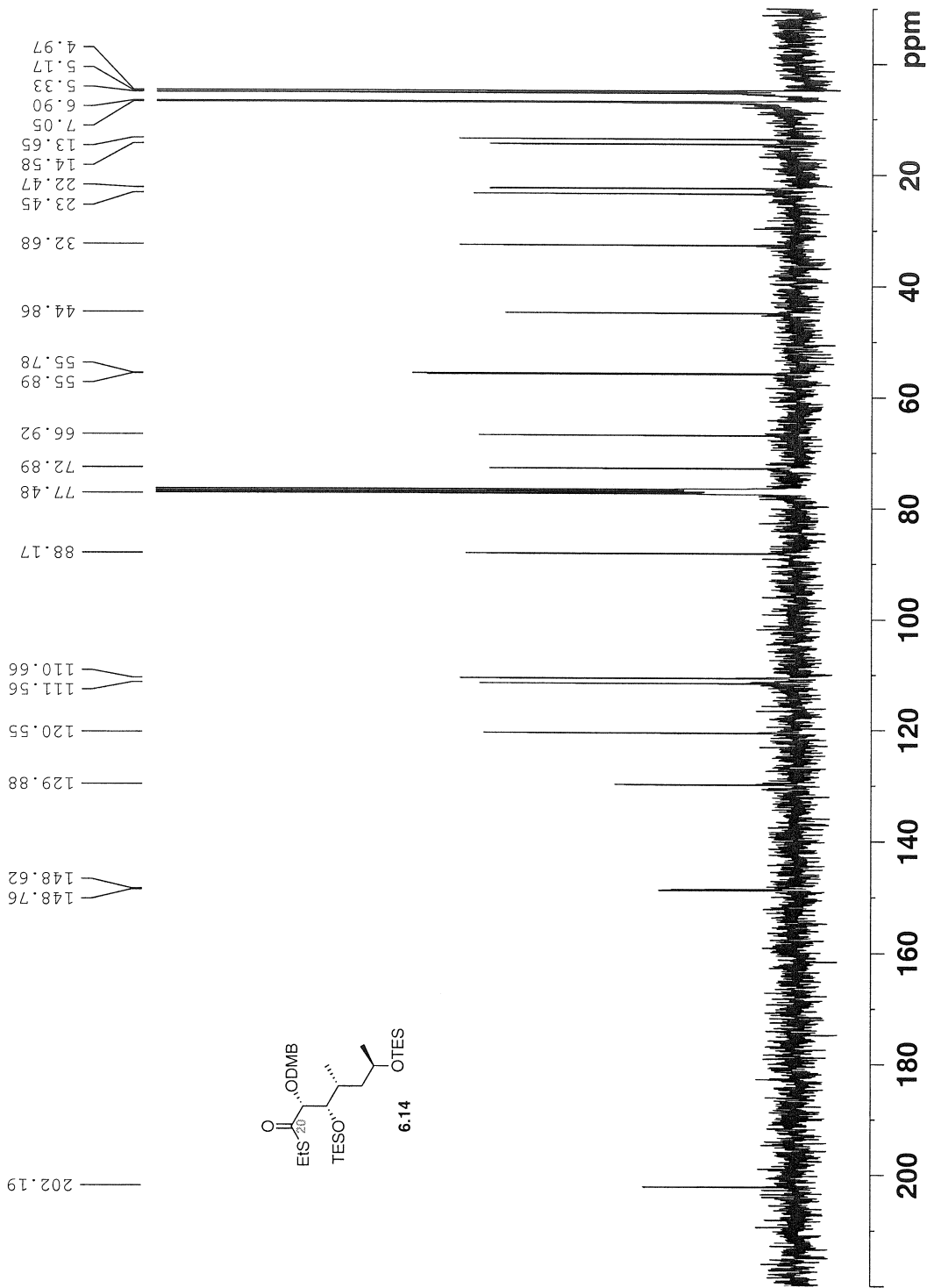
F2 - Acquisition Parameters
Date_     20081125
Time      21.27
INSTRUM   DEX400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD        65536
SOLVENT   DMSO
NS        457
DS        4
SFR        25125.629 Hz
AQ         0.383387 Hz
RG         1.3042164 sK
RG         14596.5
DE         19.900 us
TE         6.00 us
D1         298.2 K
D1         0.15000001 sK
G11        0.03000000 sK
DELTA     0.05000000 sK
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         7.80 us
PL1        3.00 dB
SFO1       100.5765700 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

```



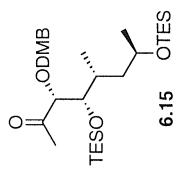
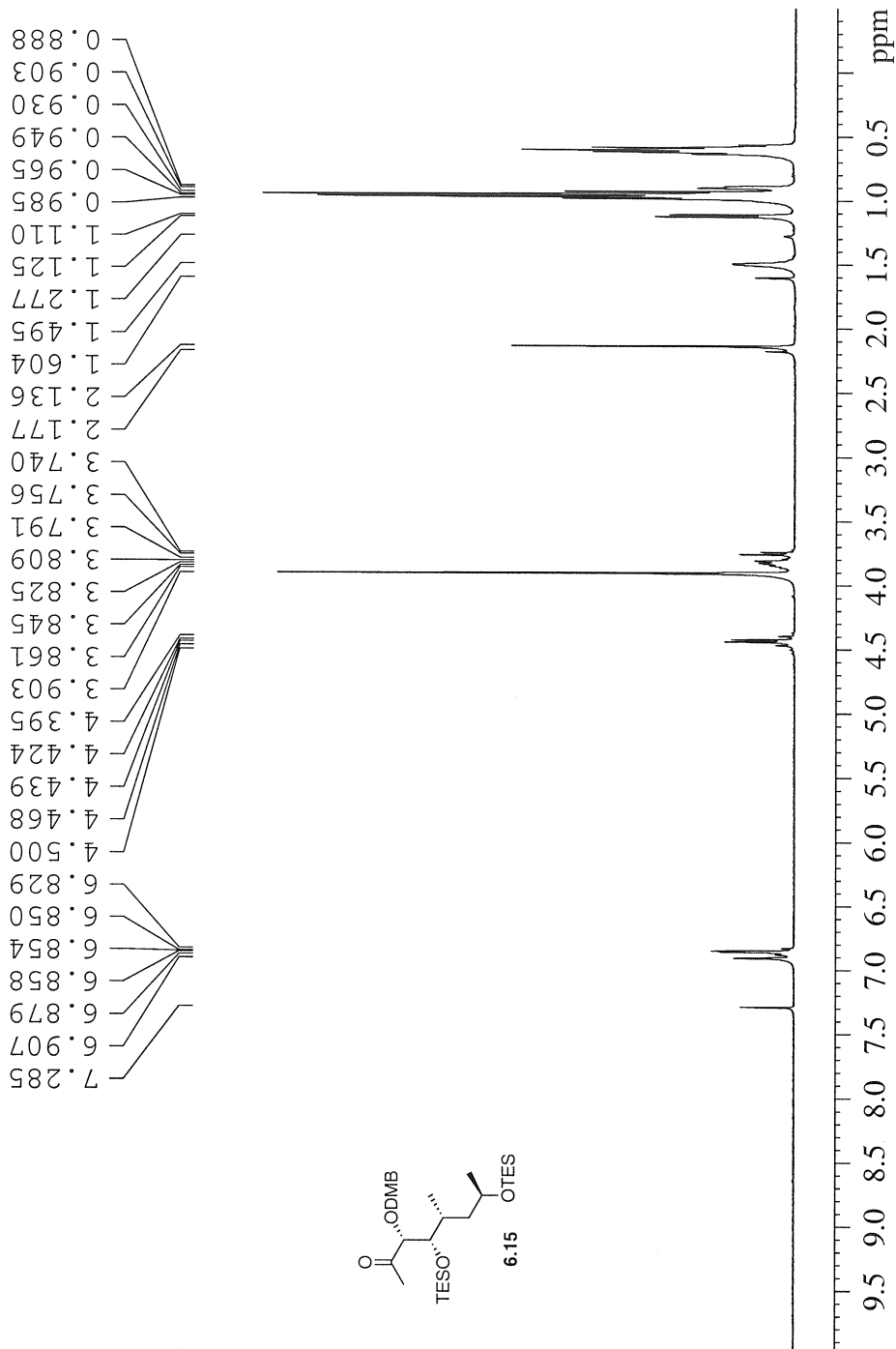
```

Current Data Parameters
NAME      2MB-methylsterne
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20081125
Time     21:31
Host     6060
PROBHD   5 mm BBO BB1H
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
DS       1
SS       2
SMH      6410.256 Hz
FIDRES   0.195625 Hz
AQ        2.559540 sec
RG        655.36
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
PL1       0.00
SFO1      399.9528000 MHz

F2 - Processing parameters
SI        32768
SF        399.9500000 MHz
WDW       hc
SSB       0
LB        0.00 Hz
GB        0
PC        1.40
    
```



```

Current Data Parameters
NAME      DMB-methylketone
EXPNO     3
PROCNO    1
DU        /n
USER      Liang

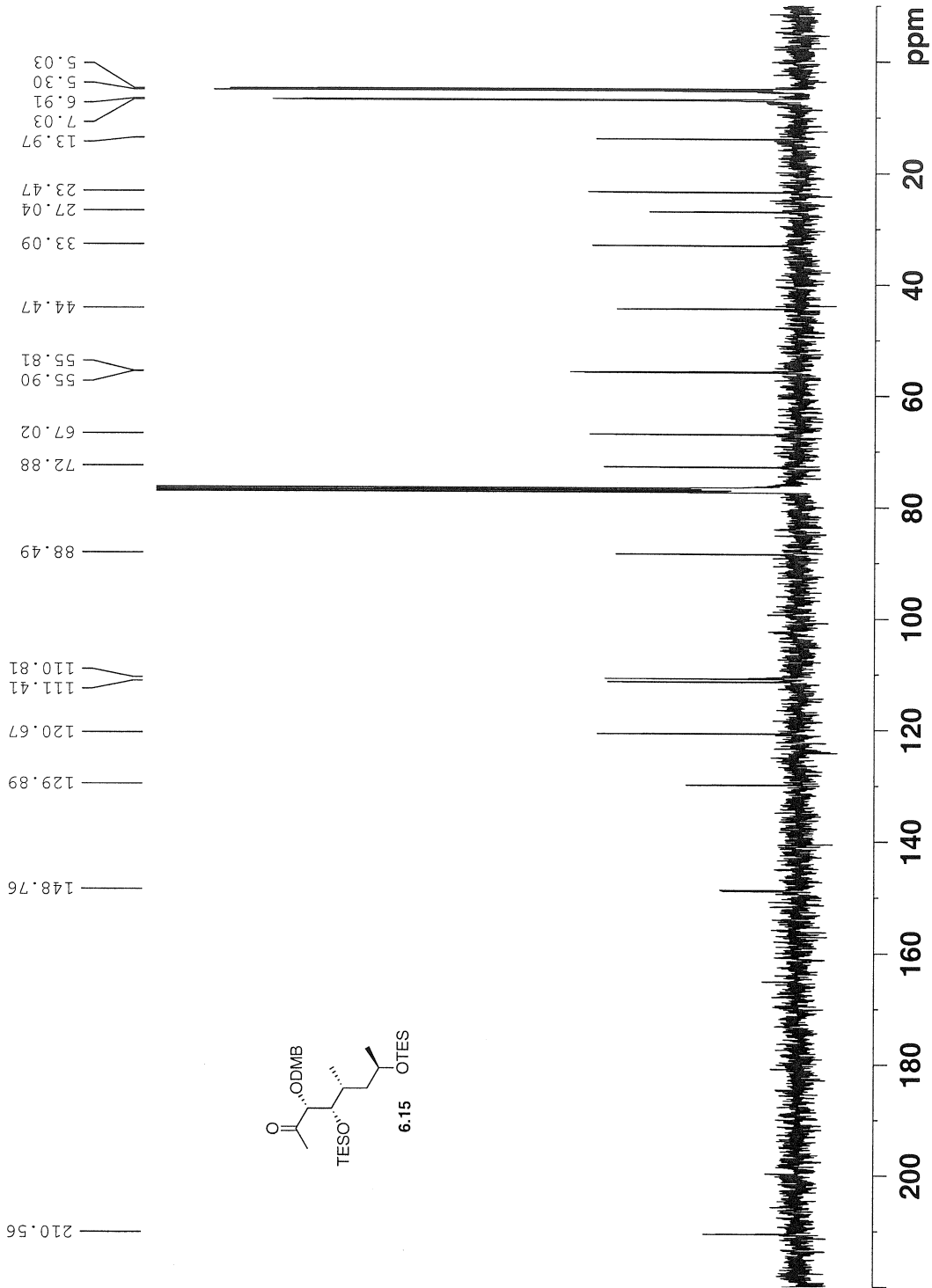
F2 - Acquisition Parameters
Date_     20081125
Time      21.45
INSTRUM   DFX400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD        65536
SOLVENT   NS
NS        494
DS        4
SWH       25125.629 Hz
FIDRES    0.383387 Hz
AQ        1.3042164 s
RG        5792.6
DW        19.900 us
DE        6.00 us
TE        298.2 K
D1        0.15000001 s
g11       0.03000000 s
DELTA     0.05000000 s
TD0       1

===== CHANNEL f1 =====
NUC1      13C
P1        7.80 us
PL1       -1.00 dB
SFO1      100.5785700 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

```

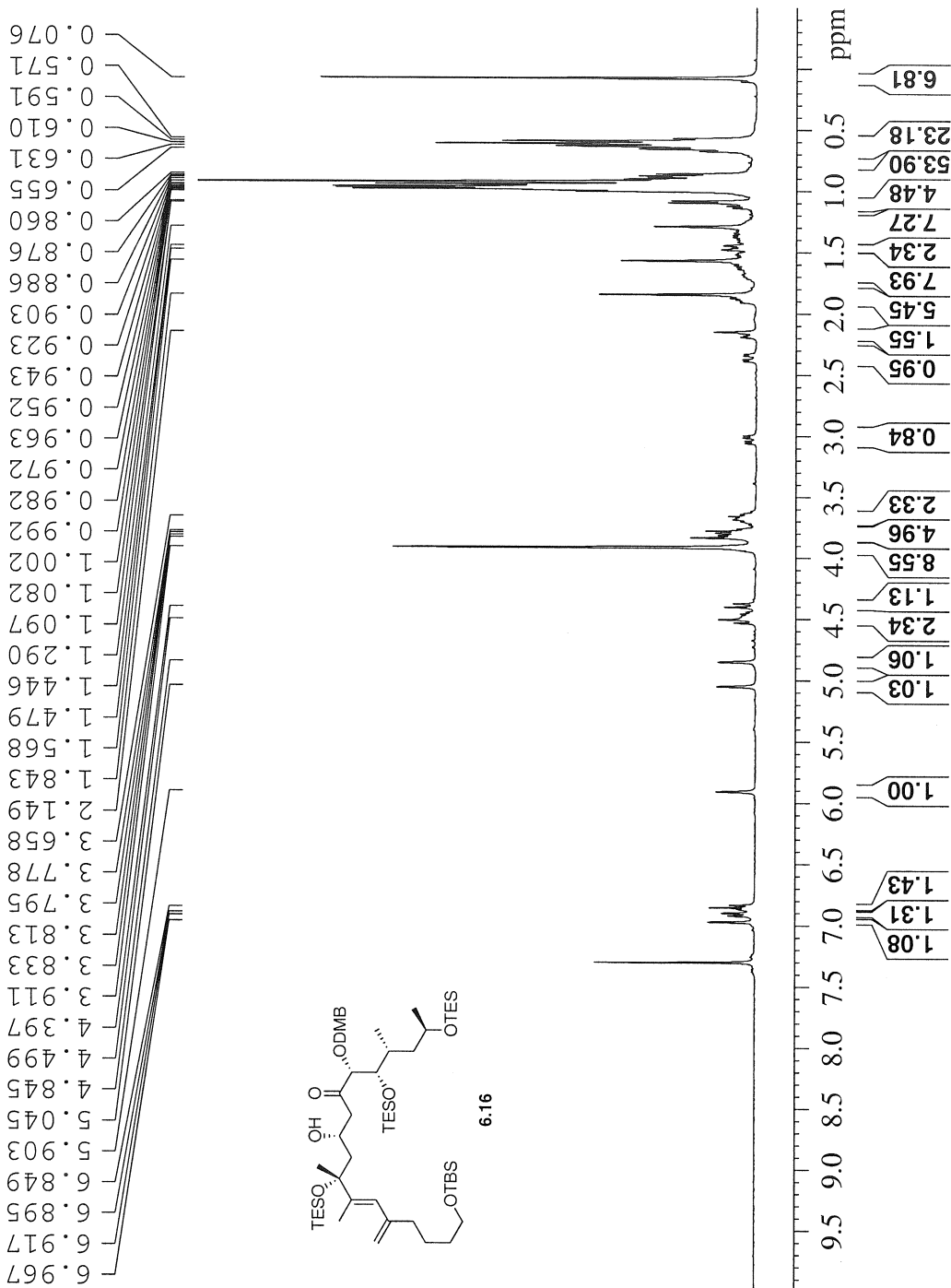


Current Data Parameters
 NAME 4-31
 EXPNO 2
 PROCNO 1
 DD /h
 USER Liang

F2 - Acquisition Parameters
 Date_ 20070112
 Time 17.06
 INSTRUM spect
 PROBHD 5 mm BBO BB-1H
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 DS 2
 SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 0.08479 sec
 RG 327.68
 DW 78.000 usec
 DE 6.00 usec
 TE 298.2 K
 TD0 2.00000000 sec

***** CHANNEL f1 *****
 NUC1 1H
 P1 14.00 usec
 PL1 0.00 dB
 SFO1 400.0128001 MHz

F2 - Processing parameters
 SI 32768
 SF 400.0100000 MHz
 WDW EM
 SSB 0
 GB 0.70 Hz
 PC 1.00



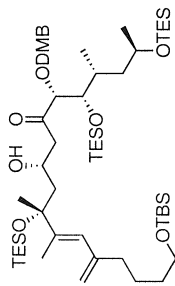
210.96

148.84
148.63
144.59
142.94

130.13
125.18
120.70
114.93
111.54
110.72

88.28

79.52
72.64
66.94
64.80
61.42
55.89
55.79
47.97
46.66
45.98
44.84
39.91
33.07
29.73
28.41
26.00
23.29
19.49
14.66
13.49
7.14
7.06
6.91
6.54
5.33



6.16

```

Current Data Parameters
NAME           4-31
EXPNO          1
PROCNO         1
DU             /n
USER           Liang

F2 - Acquisition Parameter
Date_          20070112
Time           17.21
INSTRUM       DFX400
PROBHD        5 mm BBO BB-1H
PULPROG       zgpg30
TD             65536
SOLVENT       2442
NS             2442
DS             4
SWH            25195.626 Hz
FIDRES        0.383387 Hz
AQ            1.3042164 sec
RG            18390.4
DW            19.900 usec
DE            6.00 usec
TE            298.2 K
D1            0.15000001 sec
d11           0.03000000 sec
DELTA         0.05000000 sec
TD0           1
  
```

```

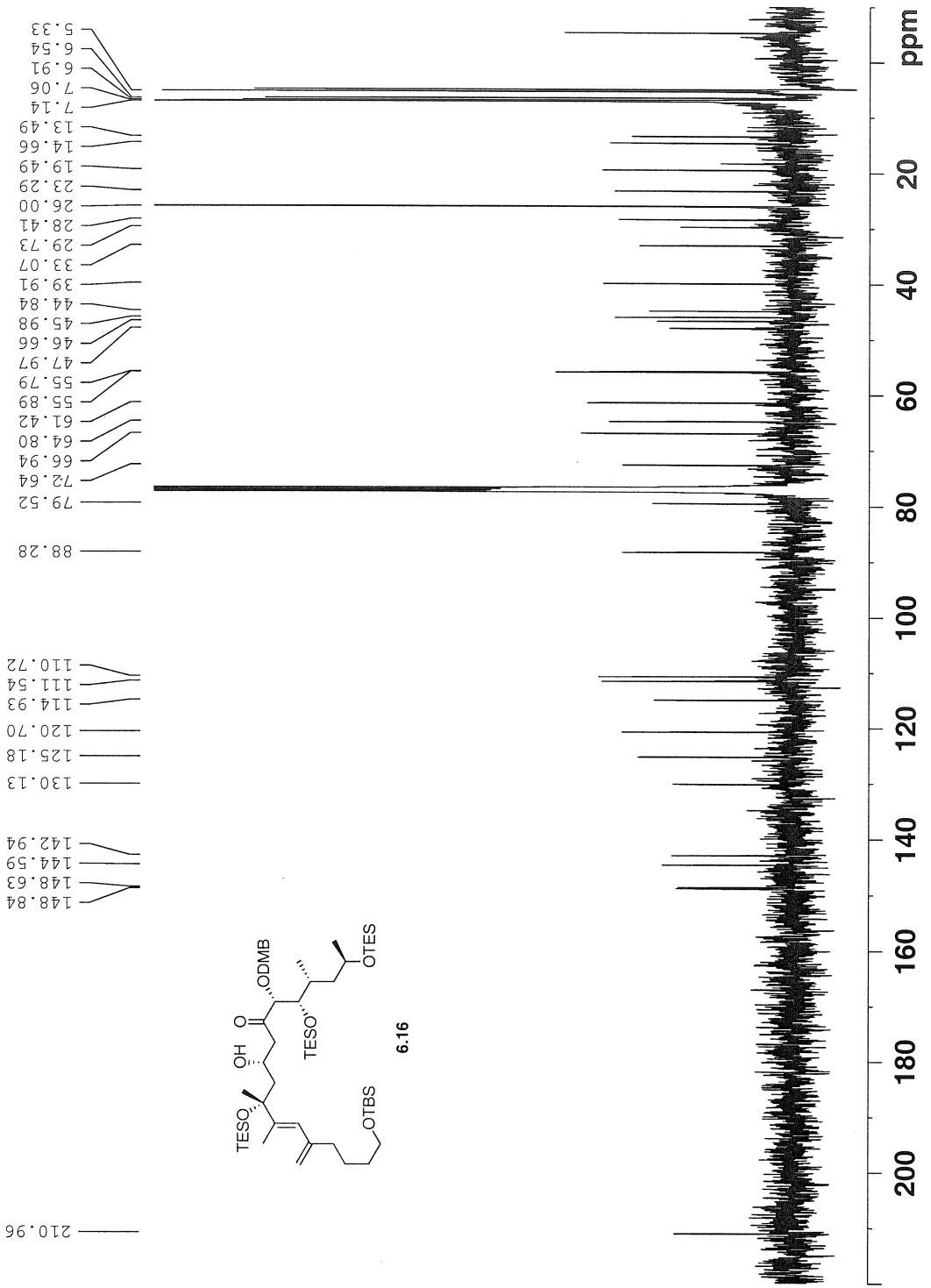
===== CHANNEL f1 =====
NUC1           13C
P1             7.80 usec
PL1           -3.00 dB
SFO1          100.5936591 MHz
  
```

```

===== CHANNEL f2 =====
CPDPRG2       waltz16
NUC2           1H
P2            135.00 usec
PL2           17.40 dB
PL12          17.40 dB
PL13          17.40 dB
SFO2          400.0116000 MHz
  
```

```

F2 - Processing parameters
SI             32768
SF            100.5825950 MHz
WDW            EM
SSB            0
LB             3.00 Hz
GB             0
PC             1.40
  
```

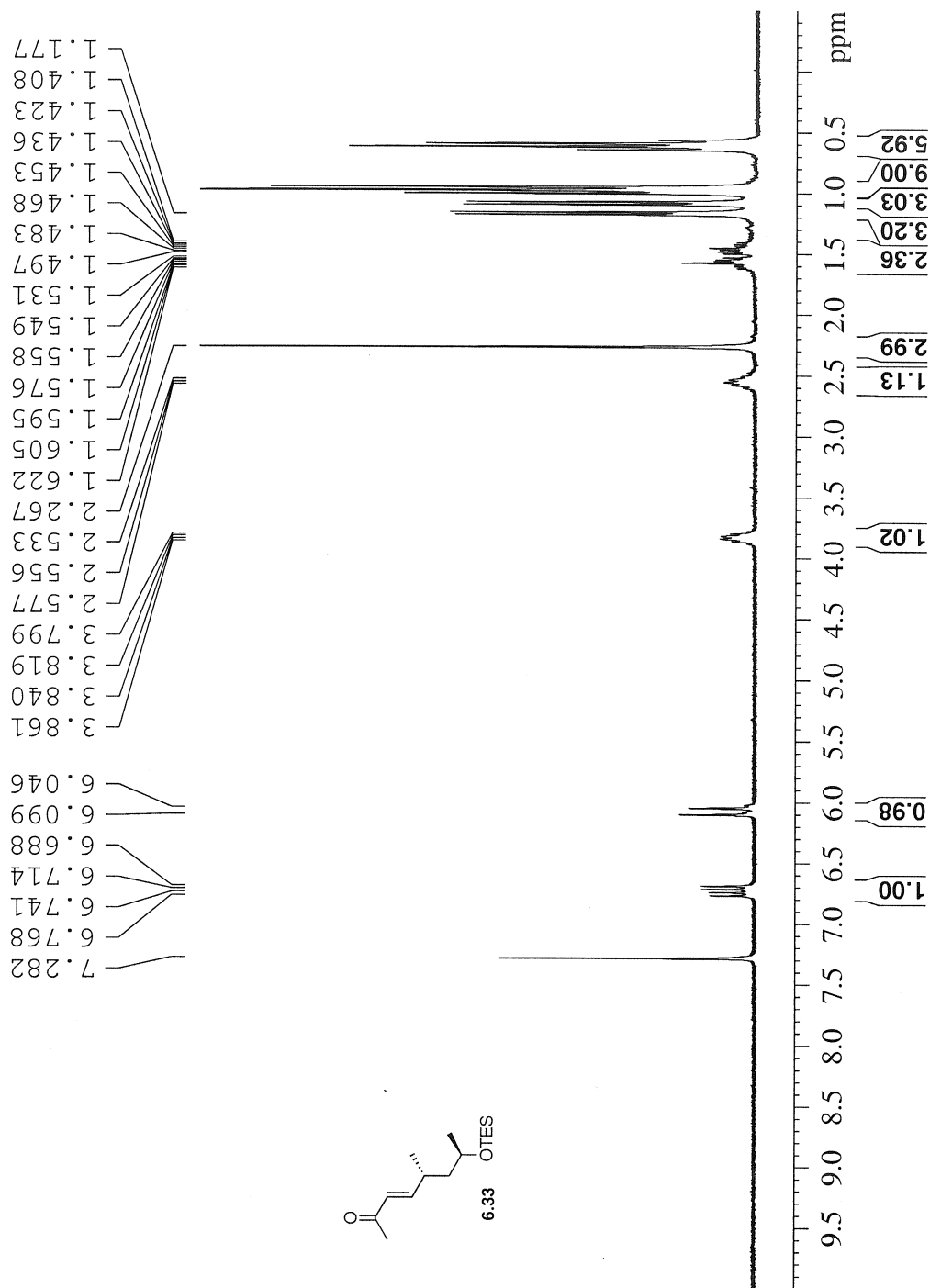


Current Data Parameters
 NAME 5-1
 EXPNO 1
 PROCNO 1
 FJ /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20070222
 Time 14:37
 INSTRM spect
 PROCMD 5 mm QNP
 FULPROG zg30
 TD 32768
 SOLVENT cpc13
 DS 1
 NS 12
 SMH 4789.272 Hz
 FIDRES 0.146157 Hz
 AQ 3.4210291 sec
 RG 409.600
 DW 104.400 usec
 DE 6.00 usec
 TE 298.2 K
 DL 2.0000000 sec
 FID0 1

***** CHANNEL f1 *****
 NUC1 1H
 P1 9.00 usec
 PL1 3.00
 SFO1 300.1321009 MHz

F2 - Processing parameters
 SI 32768
 SF 300.1300000 MHz
 WDM ro
 SSB 0
 LB 0.00 Hz
 GC
 PC 1.00



```

Current Data Parameters
NAME          5-34-2
EXPNO        1
PROCNO       1
DU           /n
USER         Liang

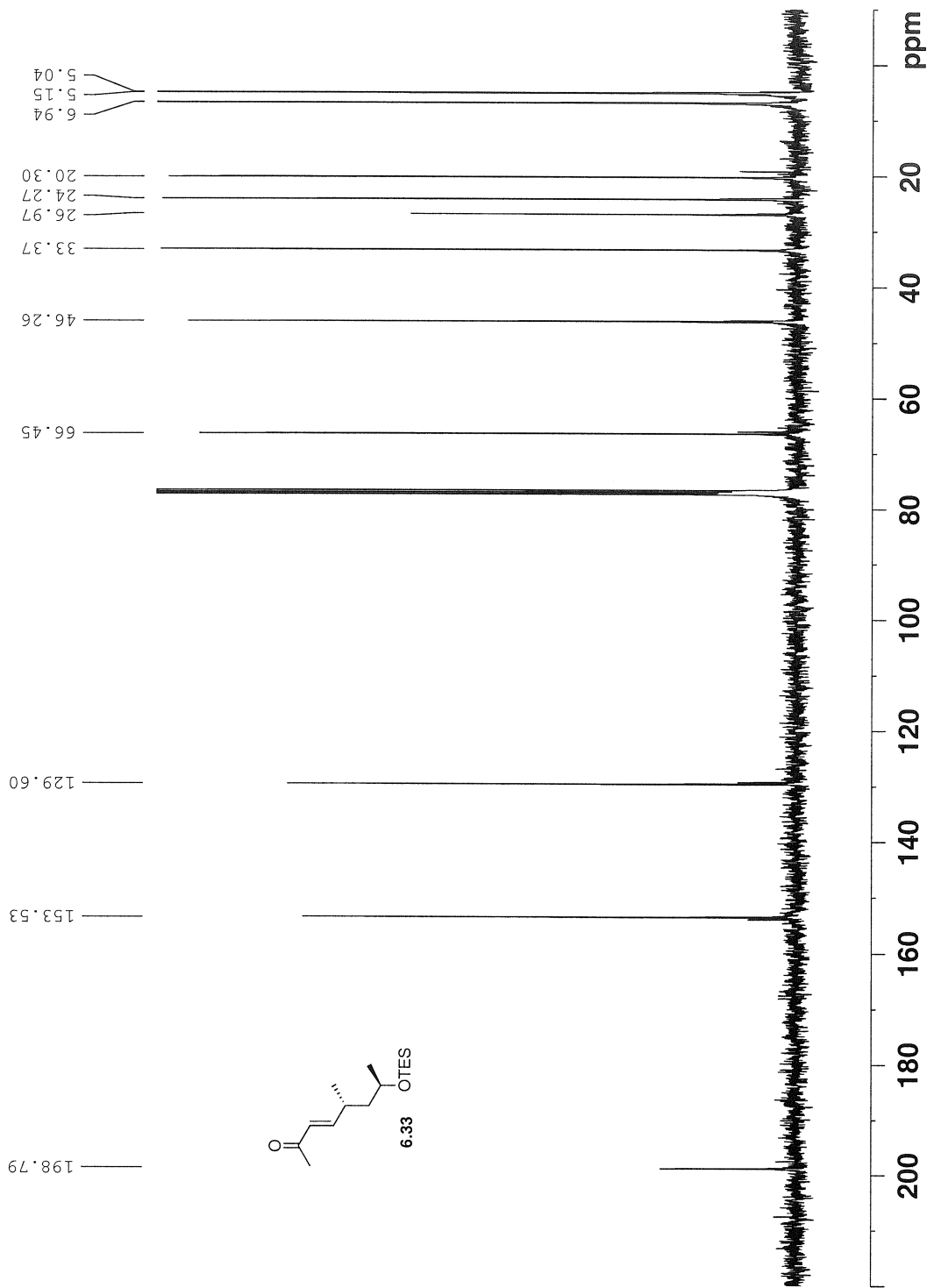
F2 - Acquisition Parameters
Date_        20070417
Time         16.34
INSTRUM     DPK400
PROBHD      5 mm BBO BB-1H
PULPROG     zgpg30
TD           65536
SOLVENT     CDCl3
NS           1184
DS           4
SWH          25125.626 Hz
FIDRES       0.383387 Hz
AQ           1.3042164 s
RG           84587.6
DE           19.900 us
TE           298.2 K
D1           0.15000001 s
G11          0.03000000 s
DELTA       0.05000000 s
TDO         1

===== CHANNEL f1 =====
NUC1         13C
PI           7.80 us
PL1          3.00 dB
SFO1         100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2     waltz16
NUC2         135.00 us
PCPD2       17.40 dB
PL2         17.40 dB
PL12        17.40 dB
PL13        17.40 dB
SFO2         400.0116000 MHz

F2 - Processing parameters
SI           32768
SF           100.5825950 MHz
WDW          EM
SSB          0
LB           3.00 Hz
GB           0
PC           1.40

```



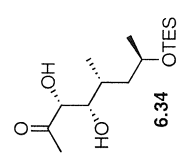
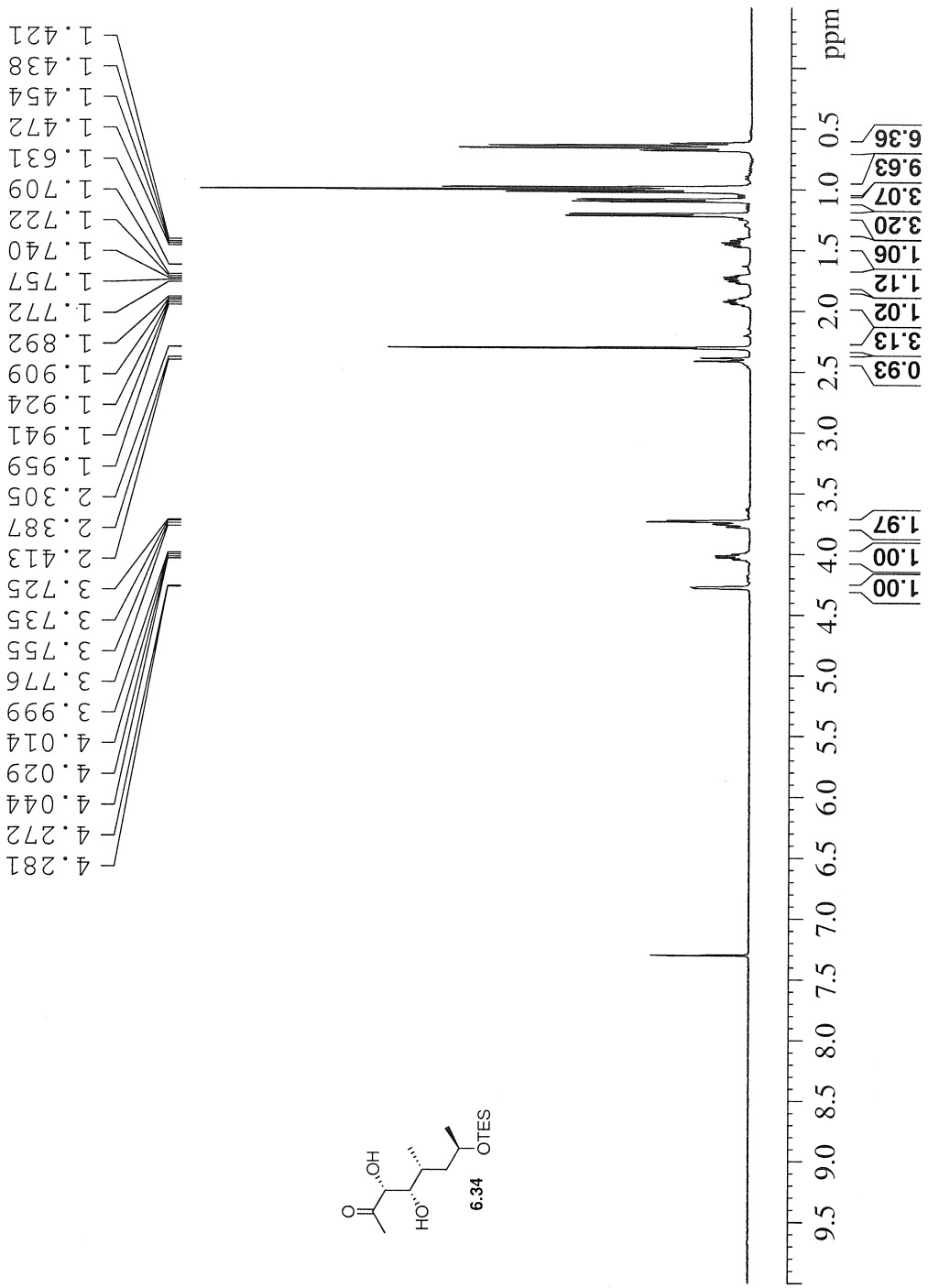
```

Current Data Parameters
NAME          3-3
EXPNO         1
PROCNO        1
DU            /h
USER          Liang

F2 - Acquisition Parameters
Date_         20070419
Time          21.48
PROBHD        5 mm BBO BBH4H
PULPROG       zg30
TD            32768
SOLVENT       CDCl3
DS            32
SRH           6410.256 Hz
FIDRES       0.195625 Hz
AQ           2.5559540 sec
RG           655.000
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         400.0128001 MHz

F2 - Processing parameters
SI           32768
SF           400.0100000 MHz
WDW          no
SSB          0
LB           0.00 Hz
GB           0
PC           1.00
    
```



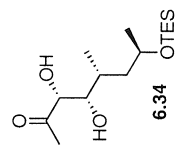
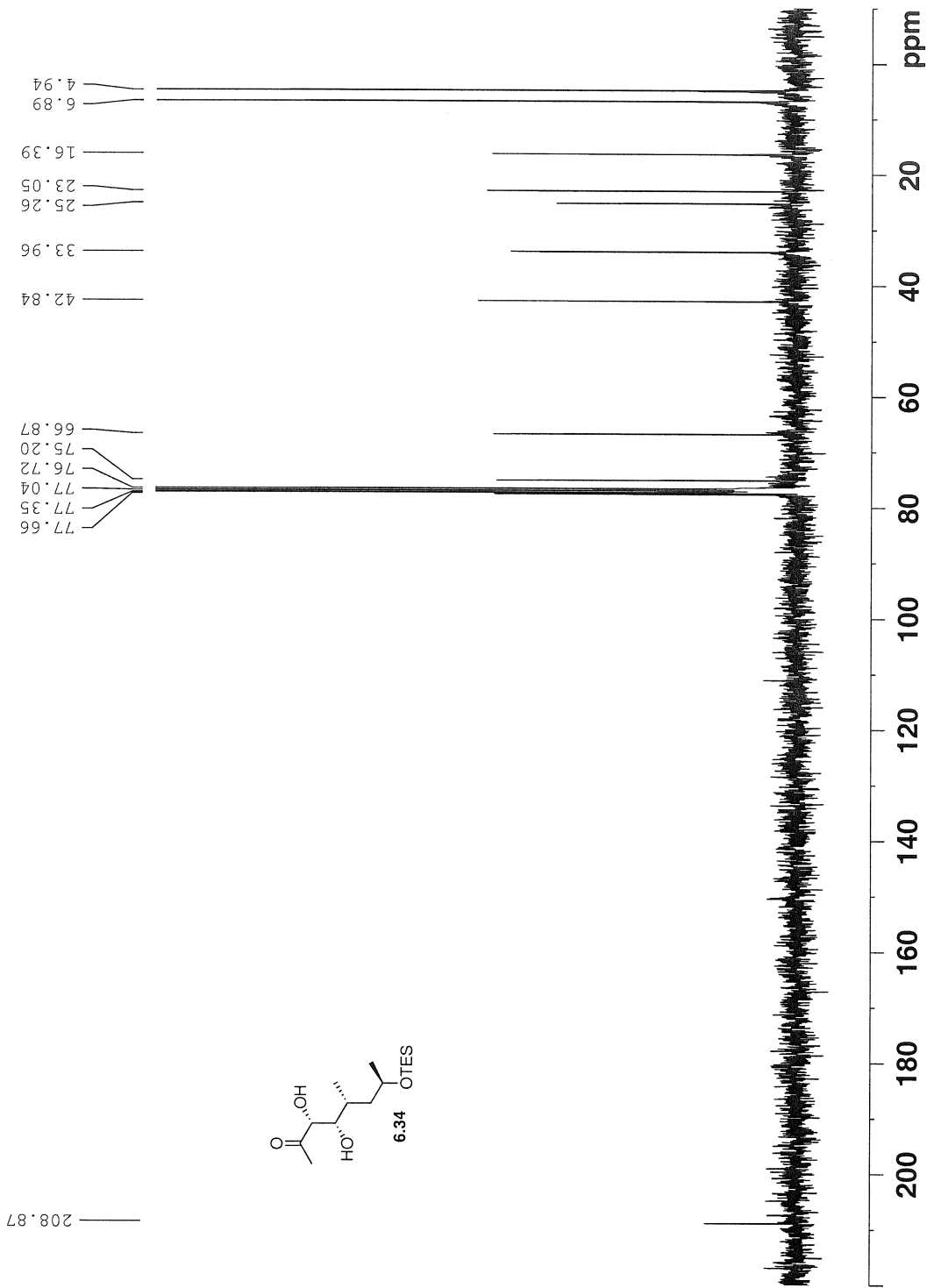
Current Data Parameters
 NAME 5-37
 EXPNO 1
 PROCNO 1
 DU /h
 USER Liang

F2 - Acquisition Parameters
 Date_ 20070419
 Time 22.24
 INSTRUM DFX400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 342
 DS 4
 SWH 25125.628 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 11585.2
 DW 19.900 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 sec
 GI1 0.03000000 sec
 DELTA 0.05000000 sec
 TD0 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 us
 PL1 3.00 dB
 SFO1 100.5936591 MHz

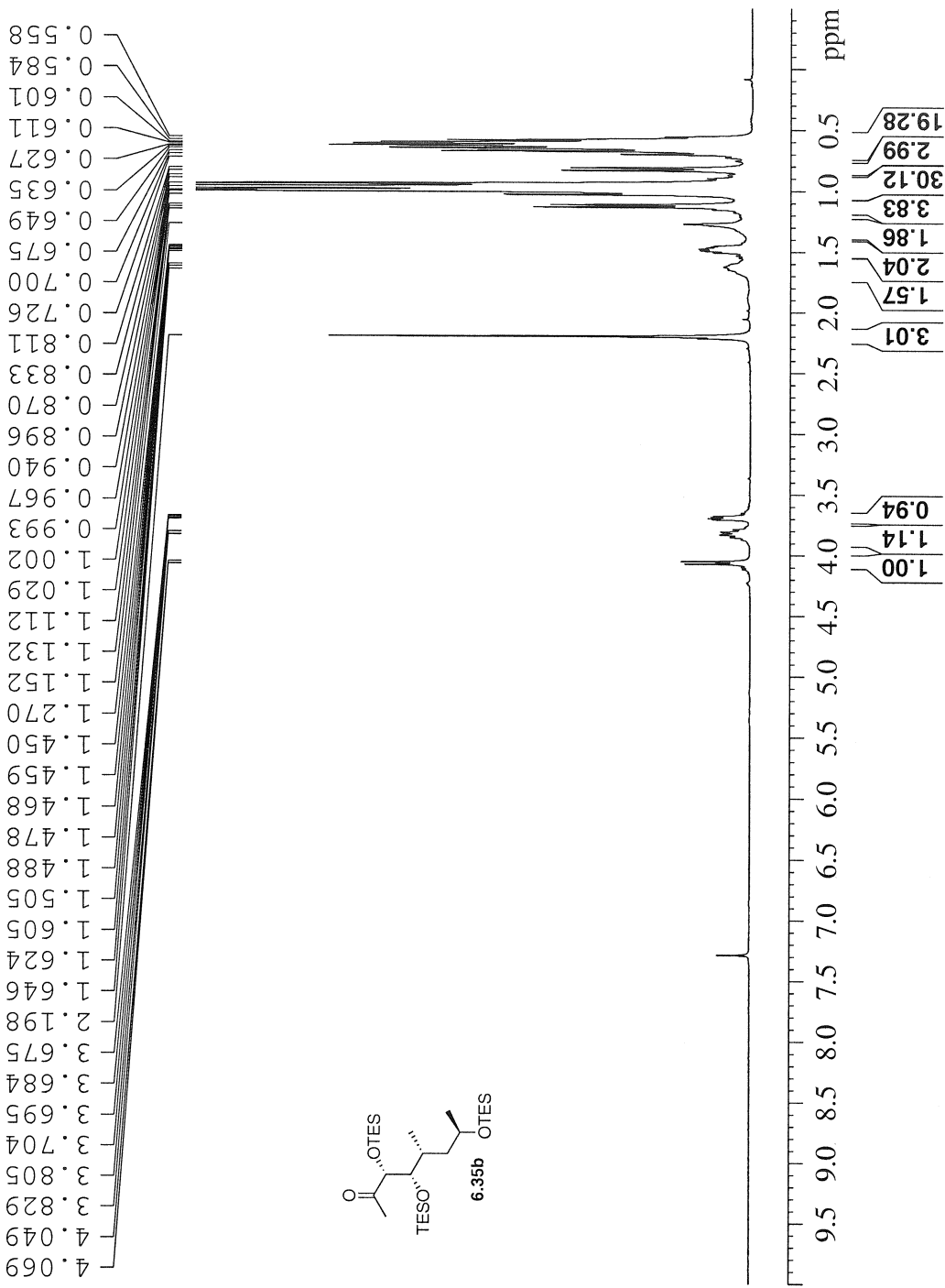
==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 135.00 us
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 400.0116000 MHz

F2 - Processing parameters:
 SI 32768
 SF 100.5825950 MHz
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 FC 1.40



```

Current Data Parameters
NAME          5-37-2
EXPNO         5
PROCNO        1
PROCNO        /n
USER          Liang
F2 - Acquisition Parameters
Date_         20070425
Time         13:30:04
INSTRUM       spect
PROBHD        5 mm QNP 1H/1
PULPROG       zg30
TD            32768
SOLVENT       CDCl3
NS            1
DS            2
SWH           4789.272 Hz
FIDRES       0.146157 Hz
AQ           3.424621 sec
RG           4.00
DM           104.400 usec
DE           6.00 usec
TE           298.2 K
TD0          2.00000000 sec
===== CHANNEL f1 =====
NUC1          1H
P1            9.00 usec
PL1          -3.00 dB
SFO1         300.1321009 MHz
F2 - Processing parameters
SI           no
SF          300.1300000 MHz
WDW          no
SSB          0
GB           0
PC           1.00
  
```



Current Data Parameters

NAME 5-37-5
EXNO 1
PROCNO 1
DU /h
USER Liang

F2 - Acquisition Parameter

Date_ 20070425
Time 16.46
INSTRUM DPX300
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDC13
NS 116
DS 4
SWH 18832.393 Hz
FIDRES 0.287360 Hz
AQ 1.7400308 sec
RG 8195.2
DW 26.550 us
DE 6.00 us
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TDO 1

==== CHANNEL f1 =====

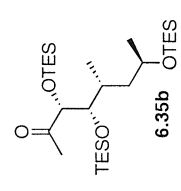
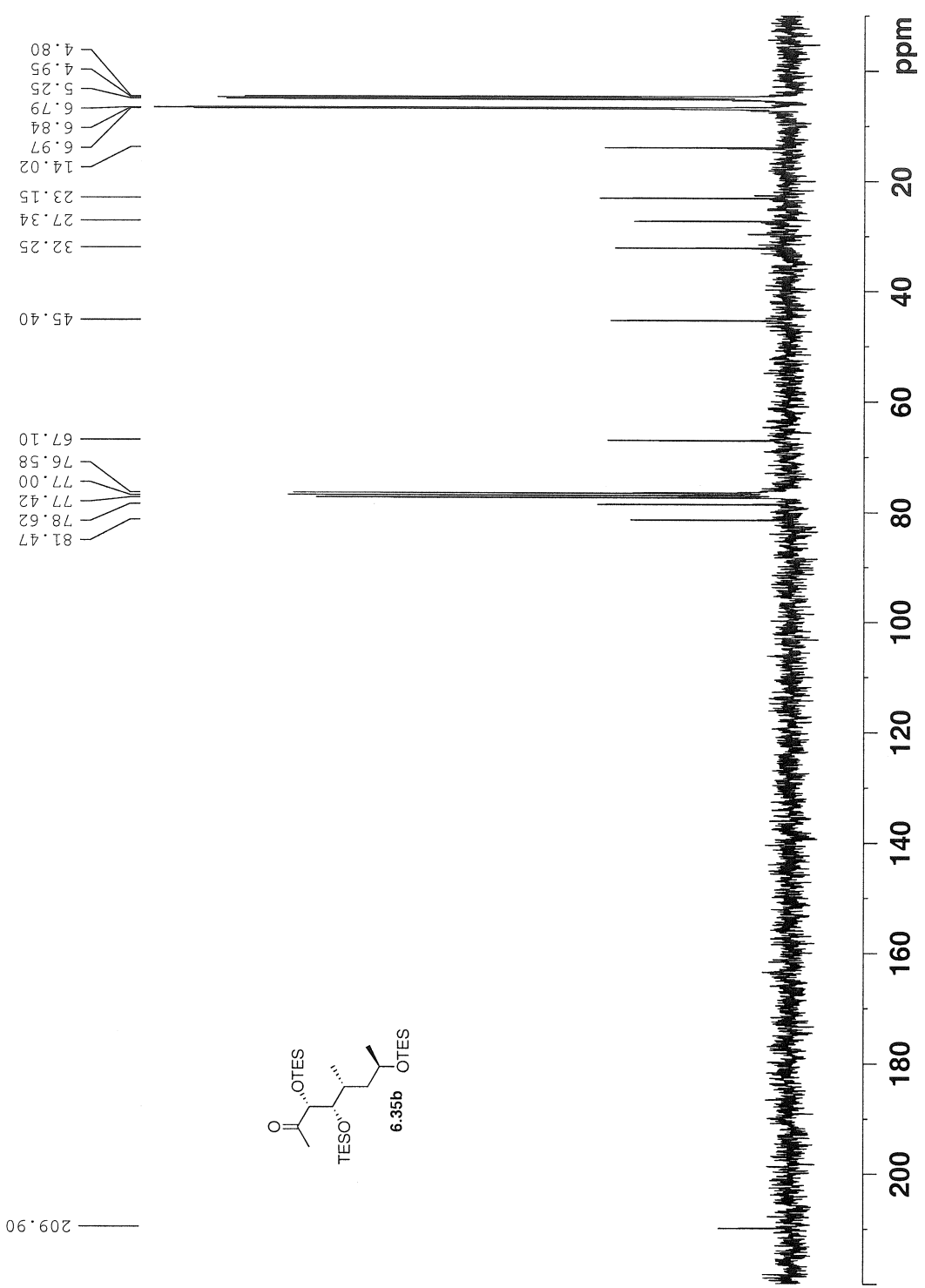
NUC1 13C
P1 8.80 us
PL1 -3.00 dB
SFO1 75.4760505 MHz

==== CHANNEL f2 =====

CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 us
PL2 -3.00 dB
PL12 17.55 dB
PL13 17.55 dB
SFO2 300.1312005 MHz

F2 - Processing parameter:

SI 32768
SF 75.4677490 MHz
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40



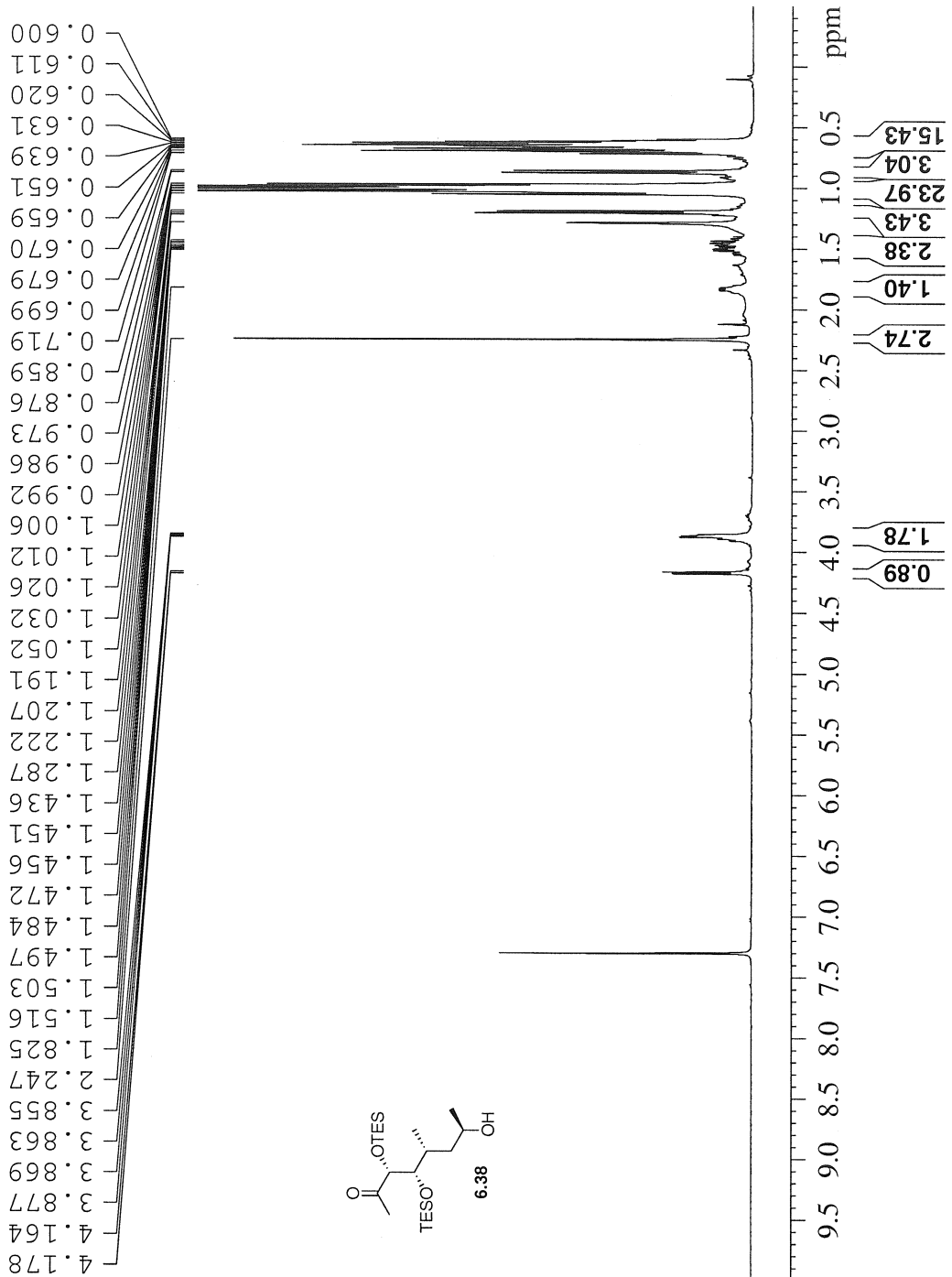
```

Current Data Parameters
NAME      P-1
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

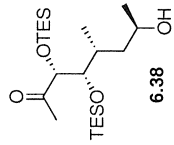
F2 - Acquisition Parameters
Date_    20070302
Time     22.43
INSTRUM  BRUKER
PROBHD   5 mm BBO BB-H
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
NS       32
DS       2
SMH      6410.256 Hz
FIDRES   0.195625 Hz
AQ       2.555560 sec
RG        0
DM       78.000 usec
DE       6.00 usec
TE       298.2 K
D1       2.00000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1     1H
P1       14.00 usec
PL1      0.00 dB
SFO1     400.0128001 MHz

F2 - Processing parameters
SI       32768
SF       400.0100000 MHz
WDW      EM
SSB      0
LB       0.70 Hz
GB       0
PC       1.00
    
```



209.28



81.45
76.39
65.56
43.71
31.61
27.85
23.61
15.40
7.00
6.78
5.16
4.84
4.71

Current Data Parameters
NAME 5-38
EXPNO 1
PROCNO 1
DU /n
USER Liang

F2 - Acquisition Parameters
Date_ 20070424
Time 18.56
INSTRUM DPX400
PROBHD 5 mm BBO BB-1H
PULPROG zgpg30
TD 65536
SOLVENT 740
NS 4
DS 2
SWH 25135.626 Hz
FIDRES 0.383387 Hz
AQ 1.3042164 sec
RG 4597.6
DM 19.900 us
DE 6.00 us
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 us
PL1 3.00 dB
SFO1 100.5936591 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 135.00 us
PL2 17.40 dB
PL12 17.40 dB
PL13 17.40 dB
SFO2 400.0116000 MHz

F2 - Processing parameters
SI 32768
SF 100.5825950 MHz
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40

ppm

200 180 160 140 120 100 80 60 40 20

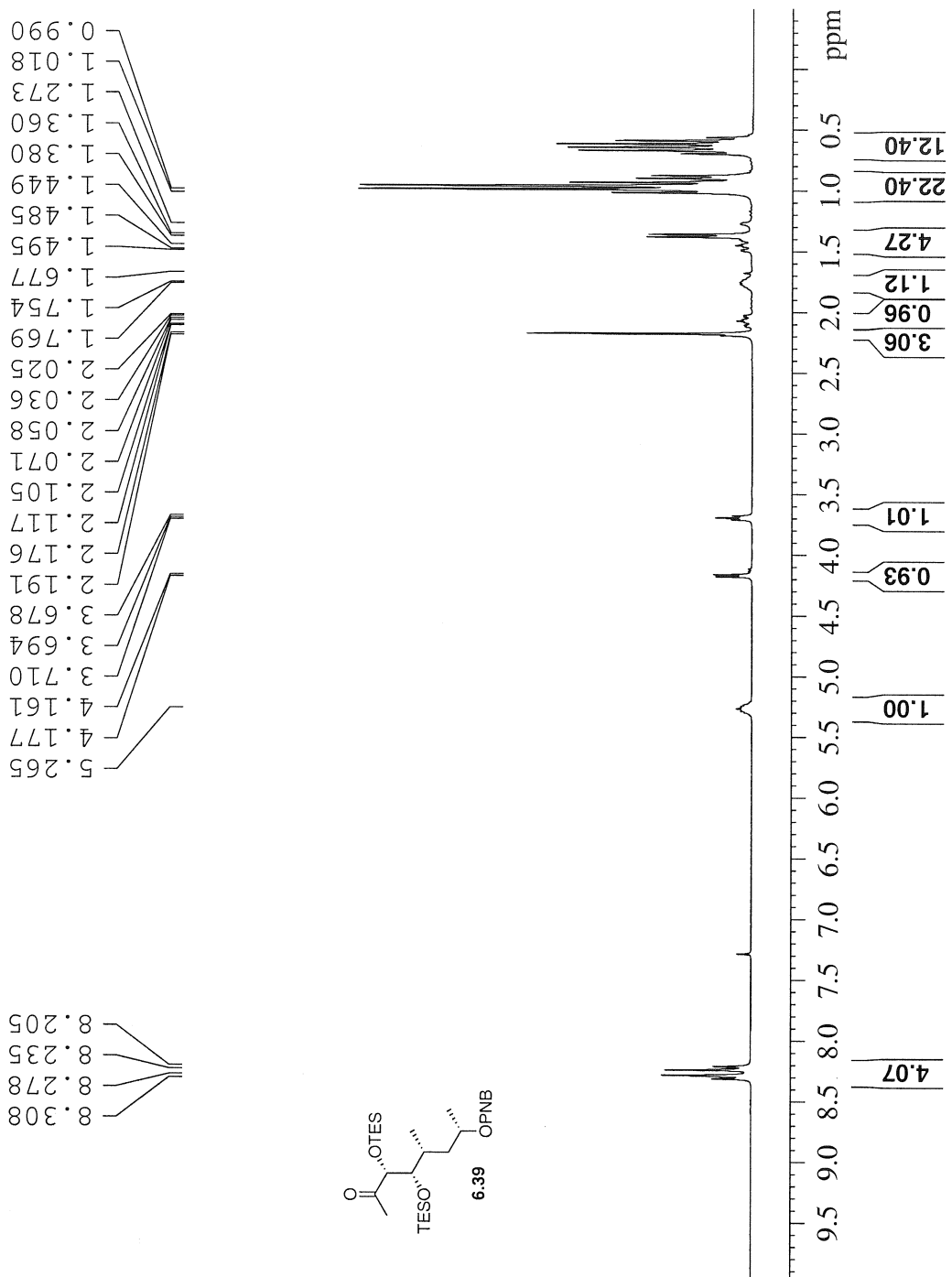
```

Current Data Parameters
NAME      3-2
EXPNO     1
PROCNO    1
DU        /n
USER      Liang

F2 - Acquisition Parameters
Date_     20070424
Time      17.33
INSTRUM   spect
PROBHD    5 mm QNP 1H/1
PULPROG   zg30
TD         32768
SOLVENT   CDCl3
DS         32
SMH        4789.272 Hz
FIDRES    0.146157 Hz
AQ         3.4210291 sec
RG         655.36
DM         104.400 usec
DE         6.00 usec
TE         298.2 K
D1         2.0000000 sec
D2         1

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

F2 - Processing parameters
SI         32768
SF         300.1300000 MHz
MEM        no
SSB        no
LB         0.00 Hz
GB         0
PC         1.00
    
```



```

Current Data Parameters
NAME          5-39
EXPNO         1
PROCNO        1
DU            /n
USER          Liang

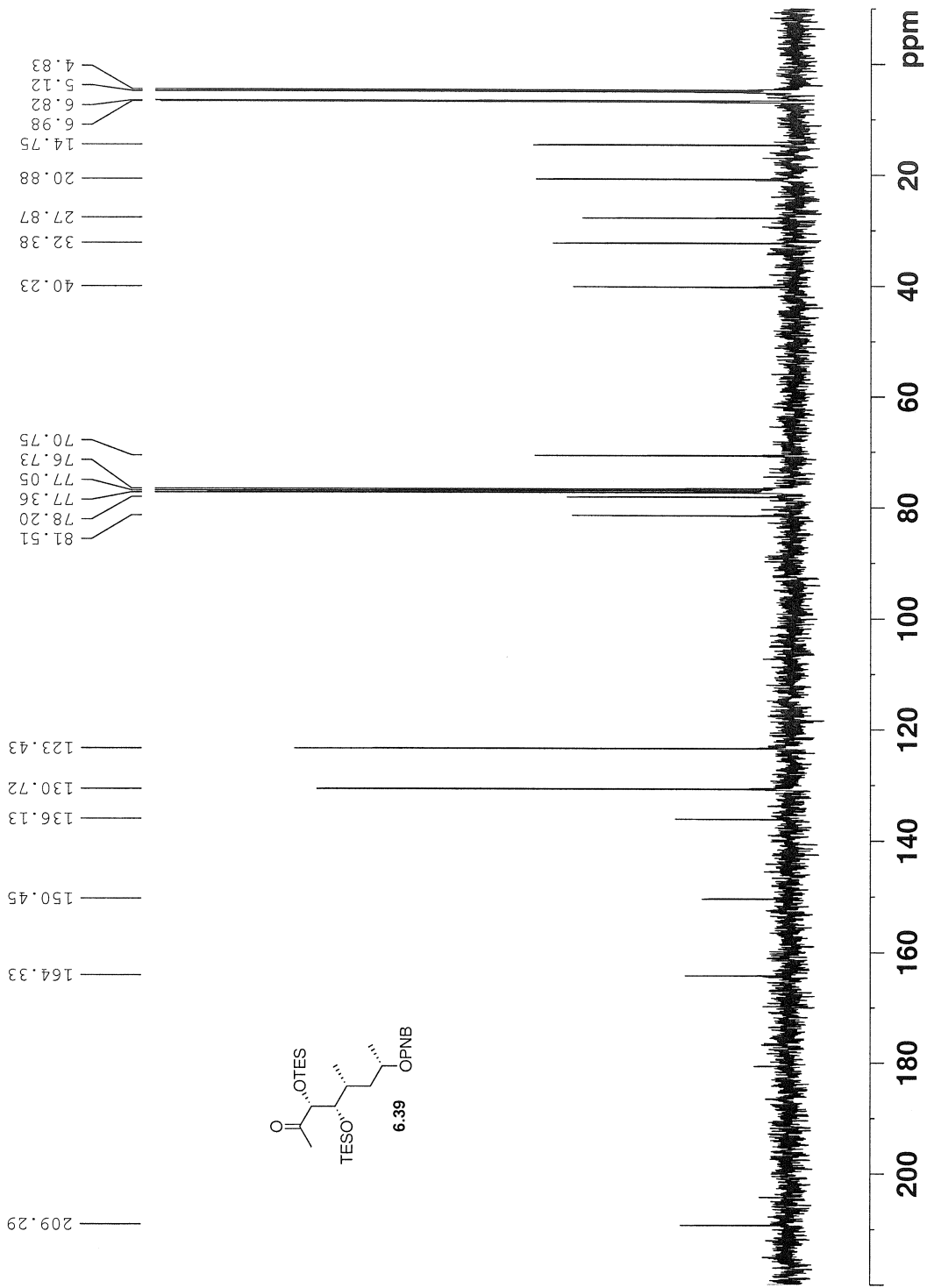
F2 - Acquisition Parameters:
Date_         20070424
Time          18.08
INSTRUM       DFX400
PROBHD        5 mm BBO BB-1H
PULPROG       zgpg30
TD            65536
SOLVENT       186
DS            186
SWH           25125.629 Hz
FIDRES        0.383387 Hz
AQ            1.36042164 sec
RG            4597.6
DW            19.900 us
DE            6.00 us
TE            288.2 K
D1            0.15000001 sec
d11           0.03000000 sec
DELTA         0.05000000 sec
TD0           1

===== CHANNEL f1 =====
NUC1          13C
P1            7.80 us
PL1           -3.00 dB
SFO1         100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          1H
PCPD2        135.00 us
PL2          17.40 dB
PL12         17.40 dB
PL13         17.40 dB
SFO2         400.0116000 MHz

F2 - Processing parameters:
SI            32768
WDW           EM
SSB           0
GB            0
PC            1.40

```

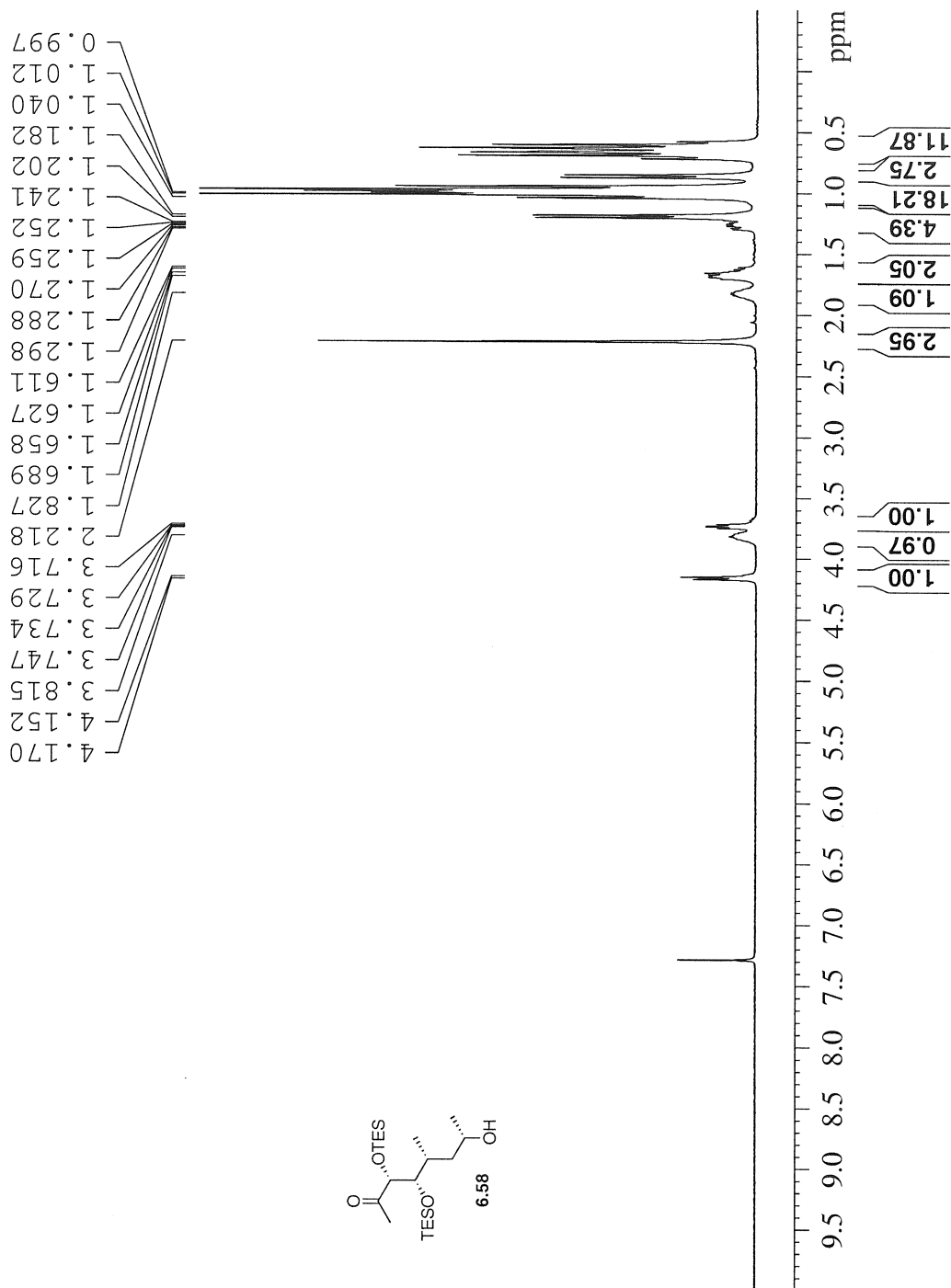


Current Data Parameters
 NAME 5-40
 EXFNO 2
 PROCNO 1
 DD /n
 USER Liang

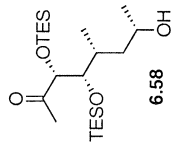
F2 - Acquisition Parameters
 Date_ 20070426
 Time 11.14
 Date_ 11.14
 Time 11.14
 PROBDW 5 mm QNP 1H/1
 PULPROG zg30
 TD 32768
 NS 12
 DS 12
 SMH 4789.272 Hz
 FIDRES 0.146657 Hz
 AQ 0.097 sec
 RG 1.037
 DW 104.400 usec
 DE 6.00 usec
 TE 298.2 K
 TF 2.0000000 sec
 TD0 1

***** CHANNEL f1 *****
 NUC1 1H
 P1 9.00 usec
 PL1 -2.00 dB
 SFO1 300.1321009 MHz

F2 - Processing Parameters
 SI 32768
 SF 300.1300000 MHz
 WDW no
 SSB 0
 GB 0.00 Hz
 PC 1.00



210.08



4.78
5.16
6.79
6.97
15.22
24.41
27.61
32.88
43.79
66.19
76.58
77.01
77.43
78.06
81.51

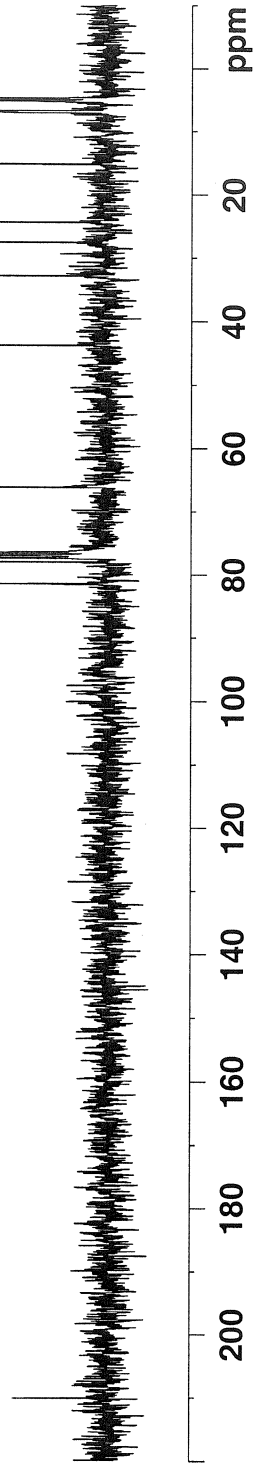
Current Data Parameters
NAME 5-40
EXPNO 4
PROCNO 1
DU /n
USER Liang

F2 - Acquisition Parameters
Date_ 20070426
Time 11.26
INSTRUM DPX300
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 204
DS 4
SWH 18832.363 Hz
FIDRES 0.287360 Hz
AQ 1.7400308 s
RG 9195.2
DM 26.550 us
DE 6.00 us
TE 298.2 K
D1 0.15000001 s
G11 0.03000000 s
DELTA 0.05000000 s
TDO 1

==== CHANNEL f1 =====
NUC1 13C
P1 8.60 us
PL1 -3.00 dB
SFO1 75.4760505 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 us
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
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40



ppm

20

40

60

80

100

120

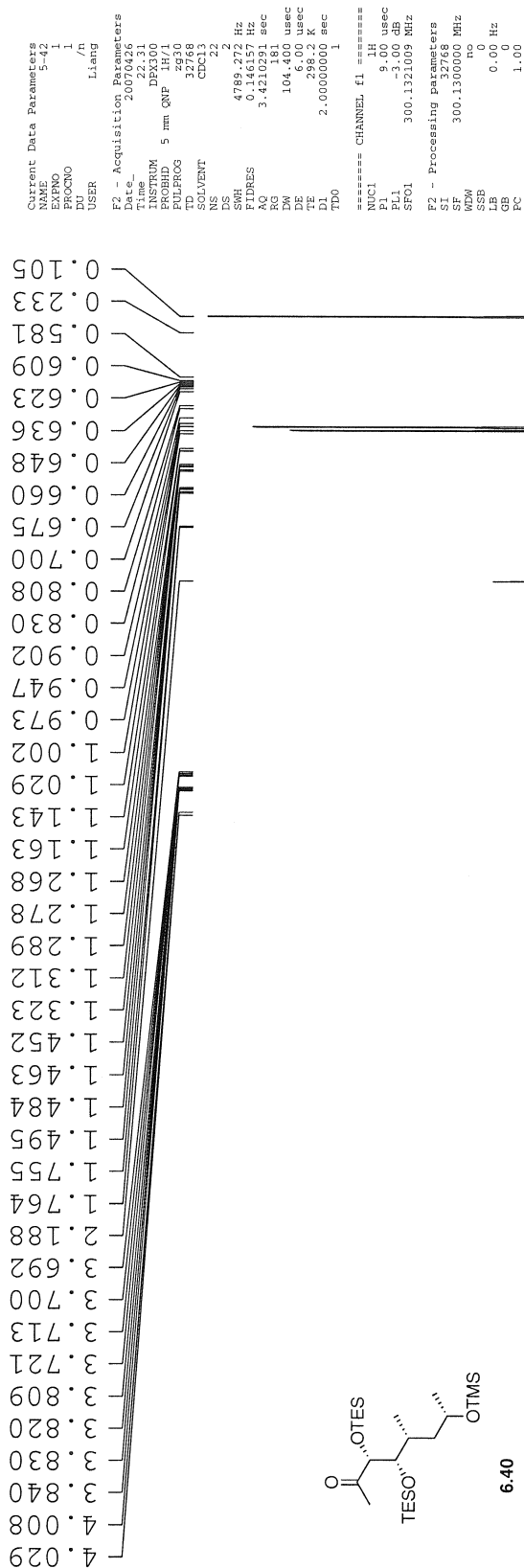
140

160

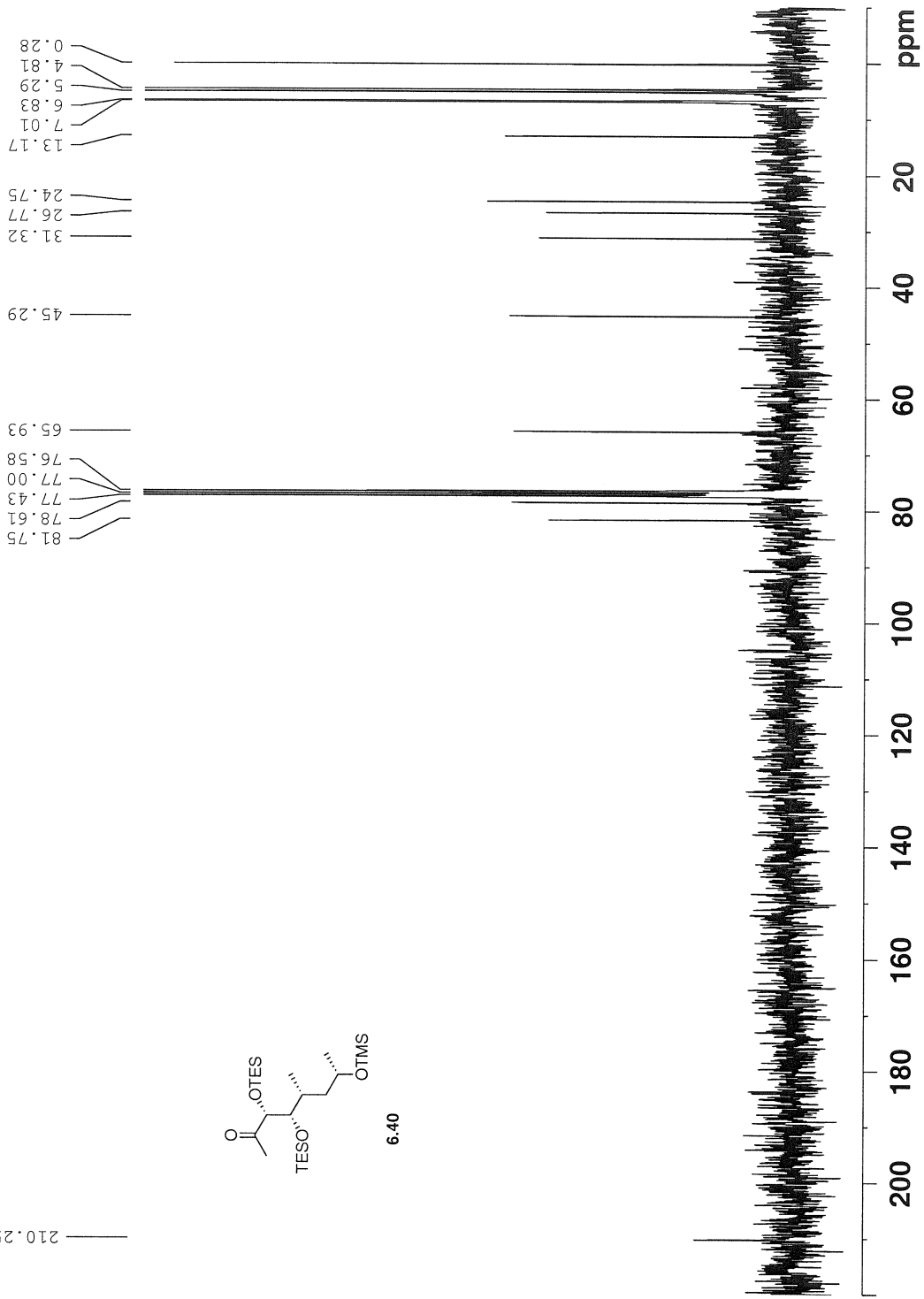
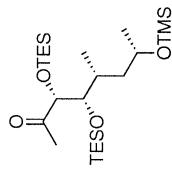
180

200

326



210.25



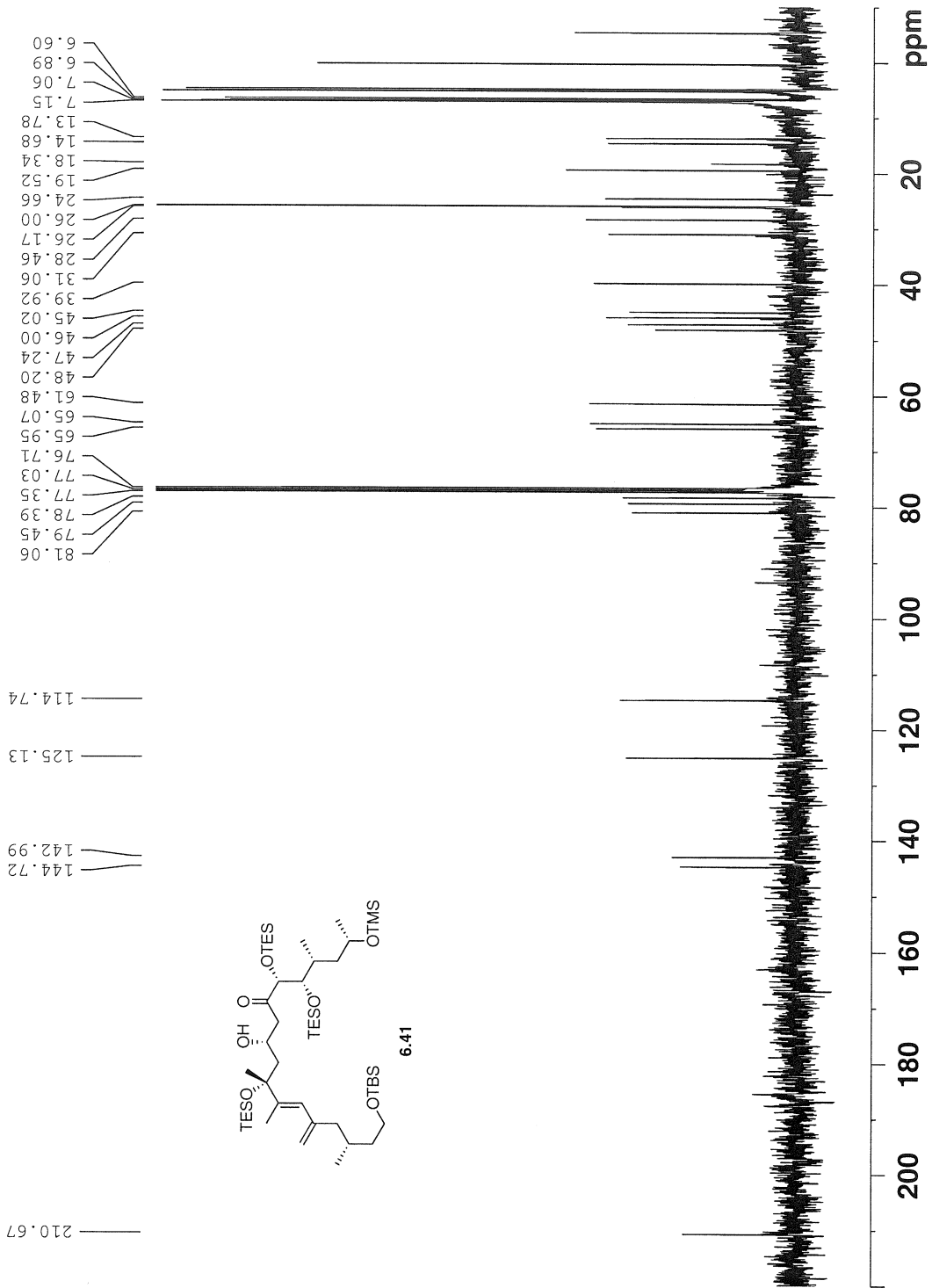
Current Data Parameters
NAME 5-4
EXNO 1
PROCNO 1
DU /n
USER Liang

F2 - Acquisition Parameter
Date_ 20070426
Time 22.45
INSTRUM DFX300
PROBHD 5 mm QNP 1H/1
PULPROG zgpg30
TD 65536
SOLVENT CDCl3
NS 407
DSH 4
SFO1 18832.303 Hz
FIDRES 0.287360 Hz
AQ 1.7400300 Hz
RG 8195.2
DM 26.550 us
DE 6.00 us
TE 298.2 K
D1 0.15000001 sec
d11 0.03000000 sec
DELTA 0.05000000 sec
TDO 1

==== CHANNEL f1 =====
NUC1 13C
PI 8.80 us
PL1 -3.00 dB
SFO1 75.4760505 MHz

==== CHANNEL f2 =====
CPDPRG2 waltz16
NUC2 1H
PCPD2 80.00 us
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
WDW EM
SSB 0
LB 3.00 Hz
GB 0
PC 1.40

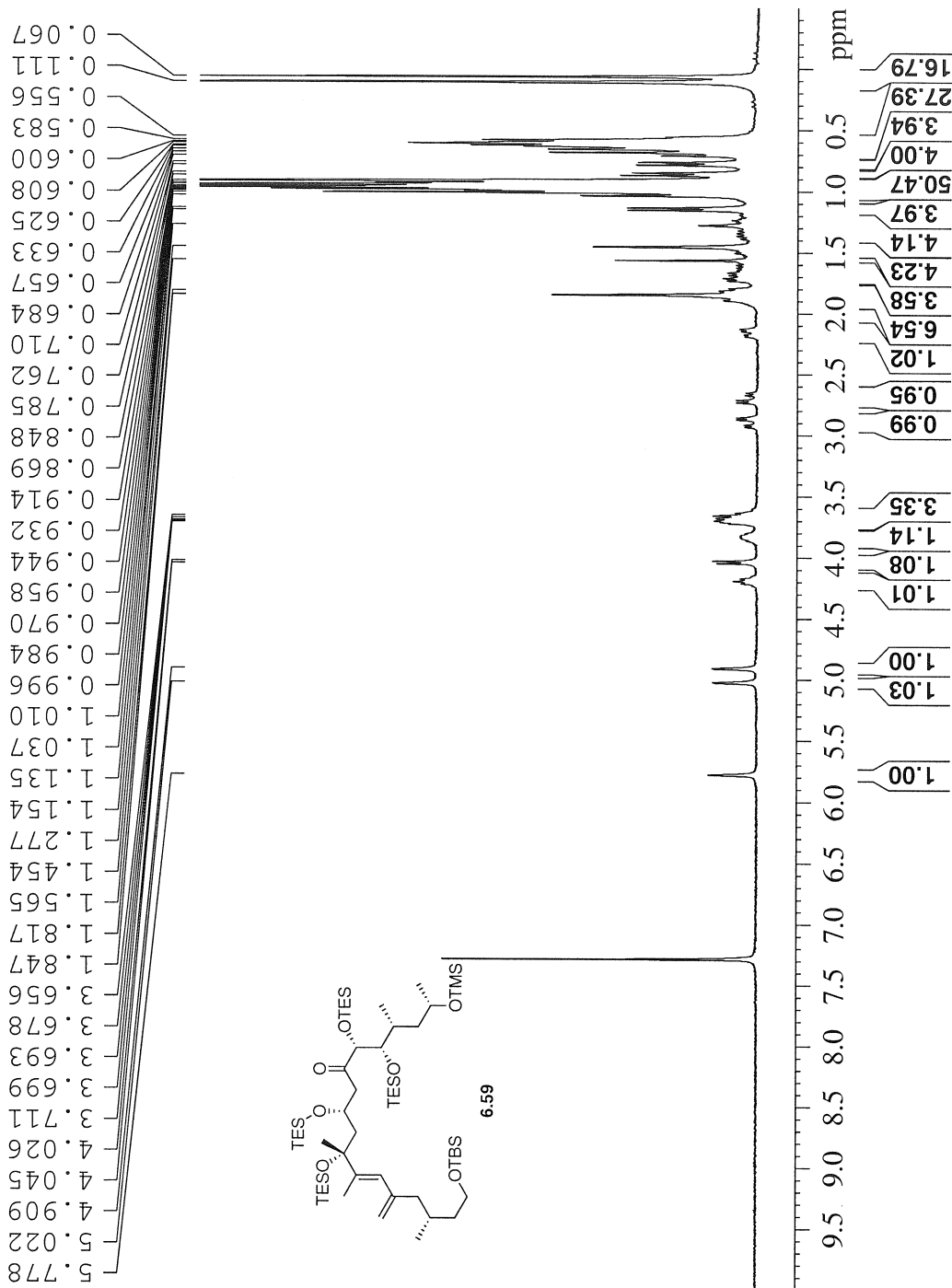


Current Data Parameters
NAME 5-53
EXPNO 1
PROCNO 1
DU /h
USER Liang

F2 - Acquisition Parameters
Date_ 20070510
Time 11.53
P1 11.53
PROCNO 1
PROCNO 5 mm QNP
PULPROG zg30
TD 32768
SOLVENT CDCl3
NS 1
DS 2
SWH 4789.272 Hz
FIDRES 0.146157 Hz
AQ 3.4210291 sec
RG 655.5
DM 104.400 usec
DE 6.00 usec
TE 298.2 K
TD0 2.00000000 sec

===== CHANNEL f1 =====
NUC1 1H
P1 9.18 usec
PL1 -1.00 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



```

Current Data Parameters
NAME          5-53
EXPNO         2
PROCNO        2
DU            /n
USER          Liang

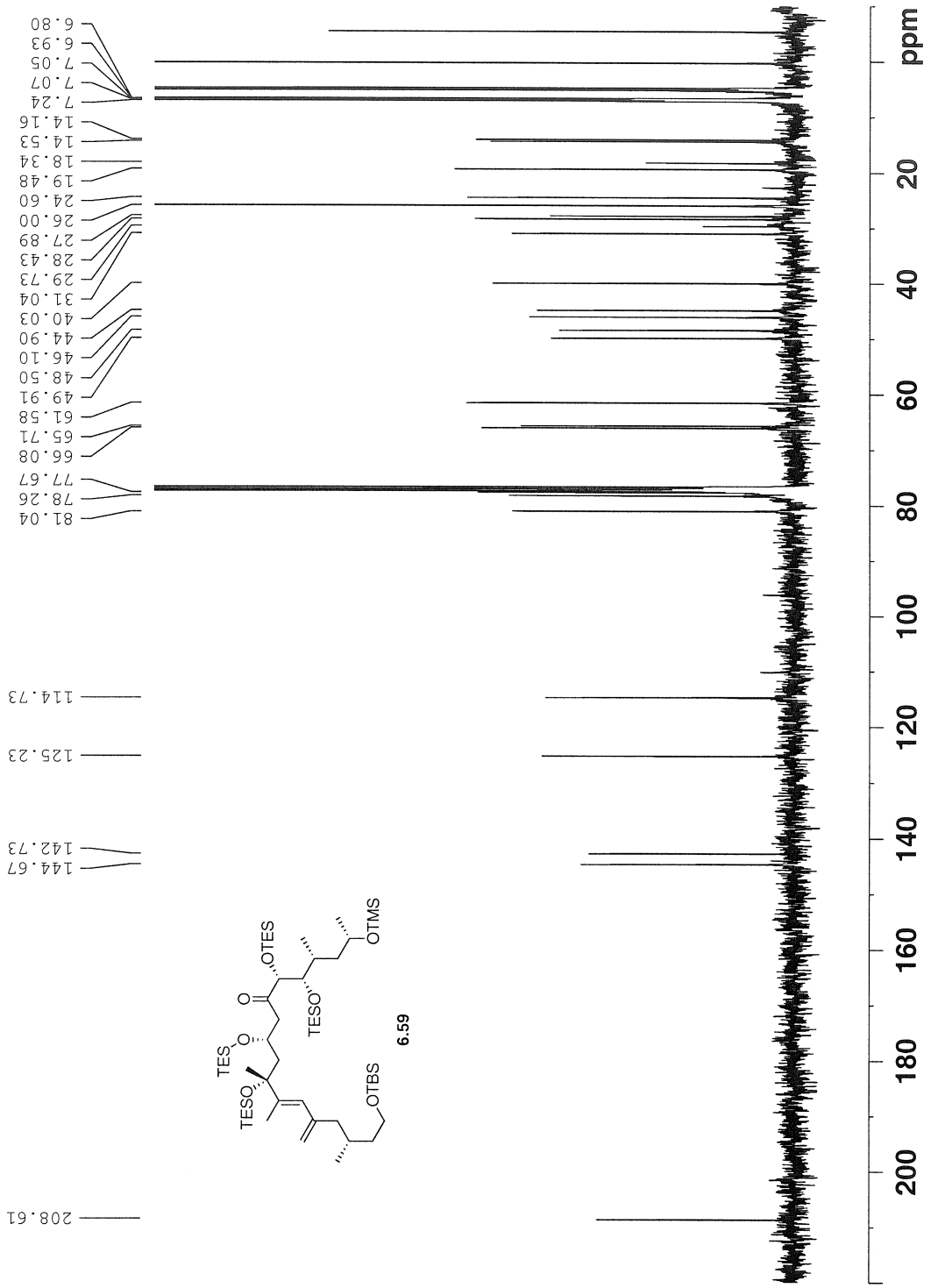
F2 - Acquisition Parameters
Date_         20070510
Time          17.30
INSTRUM      DFX400
PROBHD       5 mm BBO BB-1H
PULPROG      zgpg30
TD            65536
SOLVENT      CDCl3
NS            1994
DS            4
SWH           25195.626 Hz
FIDRES       0.383387 Hz
AQ            1.3942164 sec
RG            84597.6
DW            19.900 usec
DE            6.00 usec
TE            298.2 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          100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          1H
PCPD2        135.00 usec
PL2           17.40 dB
PL12         17.40 dB
PL13         17.40 dB
SFO2          400.0116000 MHz

F2 - Processing parameters:
SI            32768
SF            100.5825950 MHz
WDW           EM
SSB           0
LB            3.00 Hz
GB            0
PC            1.40

```

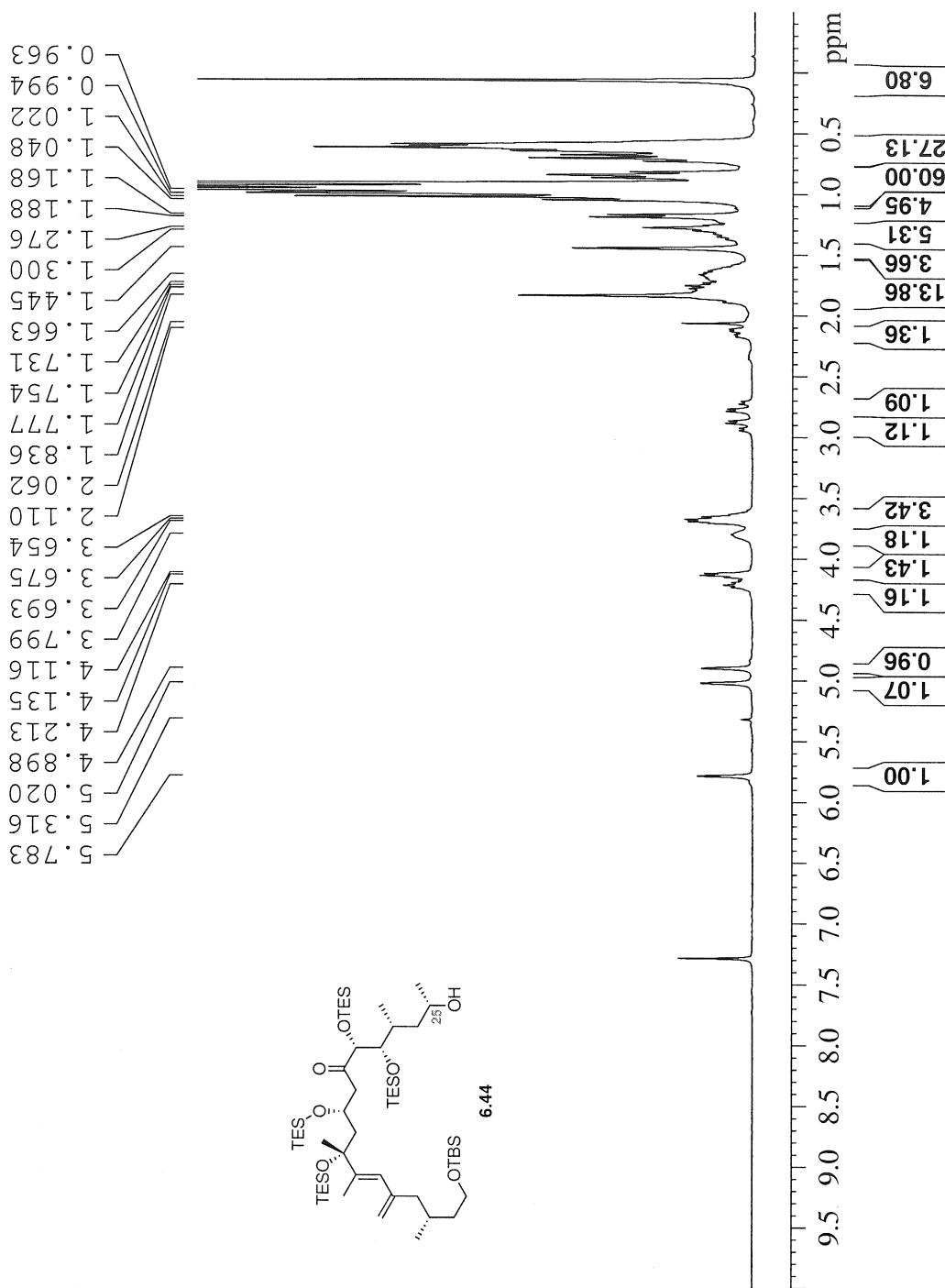


Current Data Parameters
 NAME 5-8
 EXPNO 1
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20070613
 Time 23:44
 Hostname
 PROBRD 5 mm QNP
 PULPROG zgpg30
 TD 32768
 SOLVENT CCl3
 DS 32
 SMR 4789.272 Hz
 FIDRES 0.146157 Hz
 AQ 3.4210291 sec
 RG 655.36
 DW 104.400 usec
 DE 6.00 usec
 TE 296.2 K
 D1 2.00000000 sec
 TDO 1

***** CHANNEL #1 *****
 NUC1 1H
 P1 9.00 usec
 PL1 3.00
 SFO1 300.1321009 MHz

F2 - Processing parameters
 SI 32768
 SF 300.1300000 MHz
 WDM EM
 SSE 0
 LB 0.30 Hz
 PC 1.00



```

Current Data Parameters
NAME          5-88
EXPNO         1
PROCNO        1
DU            /n
USER          Liang

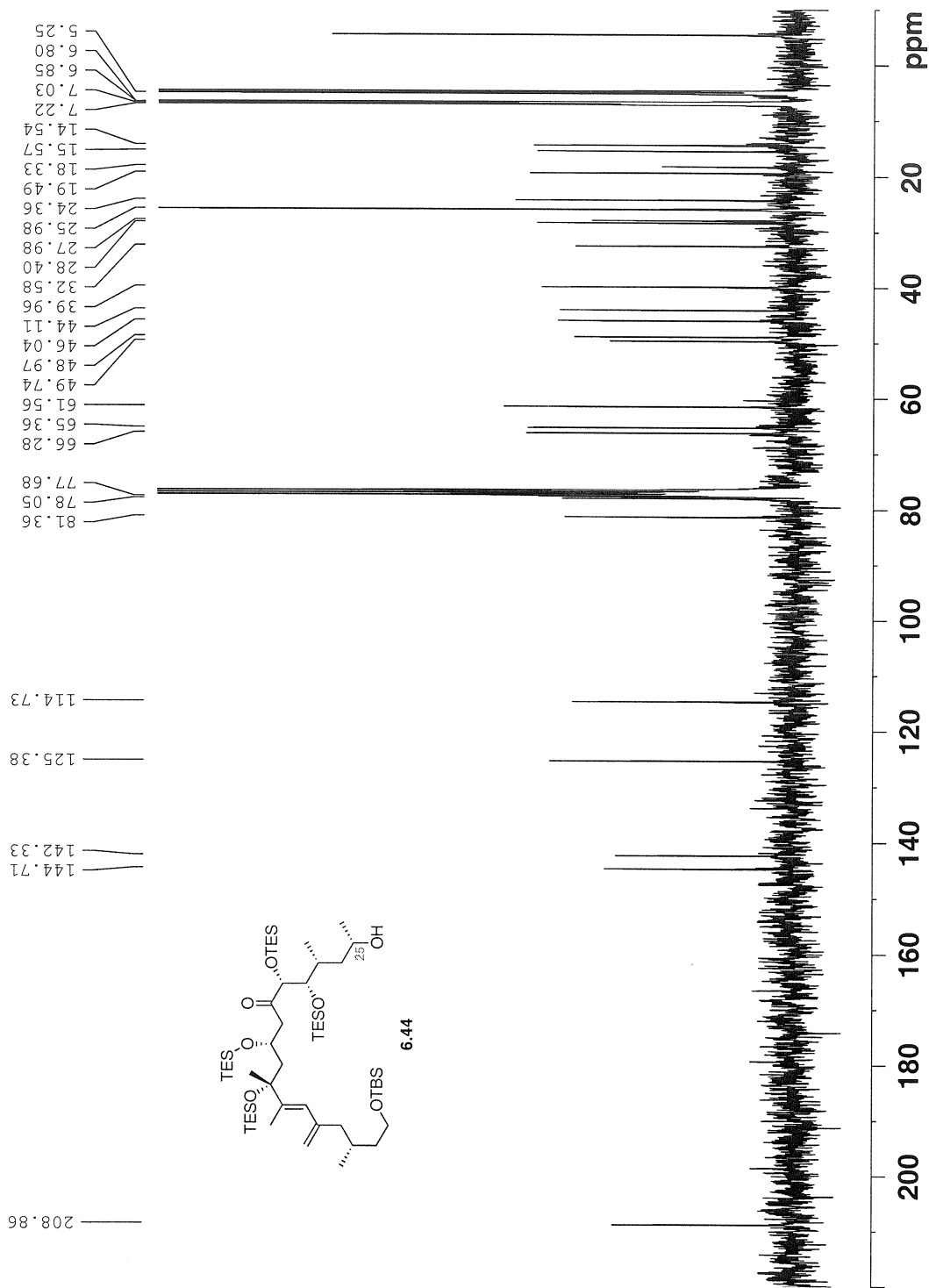
F2 - Acquisition Parameters
Date_         20070614
Time         0.36
INSTRUM      DFX300
PROBHD       5 mm QNP 1H/1
PULPROG      zgpg30
TD           65536
SOLVENT      CDCl3
NS           1136
DS           4
SFOH         18832.304 Hz
FIDRES       0.287360 Hz
AQ           1.7400308 s
RG           91.95.2
DE           26.550 us
TE           296.2 K
D1           0.15000001 s
d11          0.03000000 s
DELTA        0.05000000 s
TDO          1

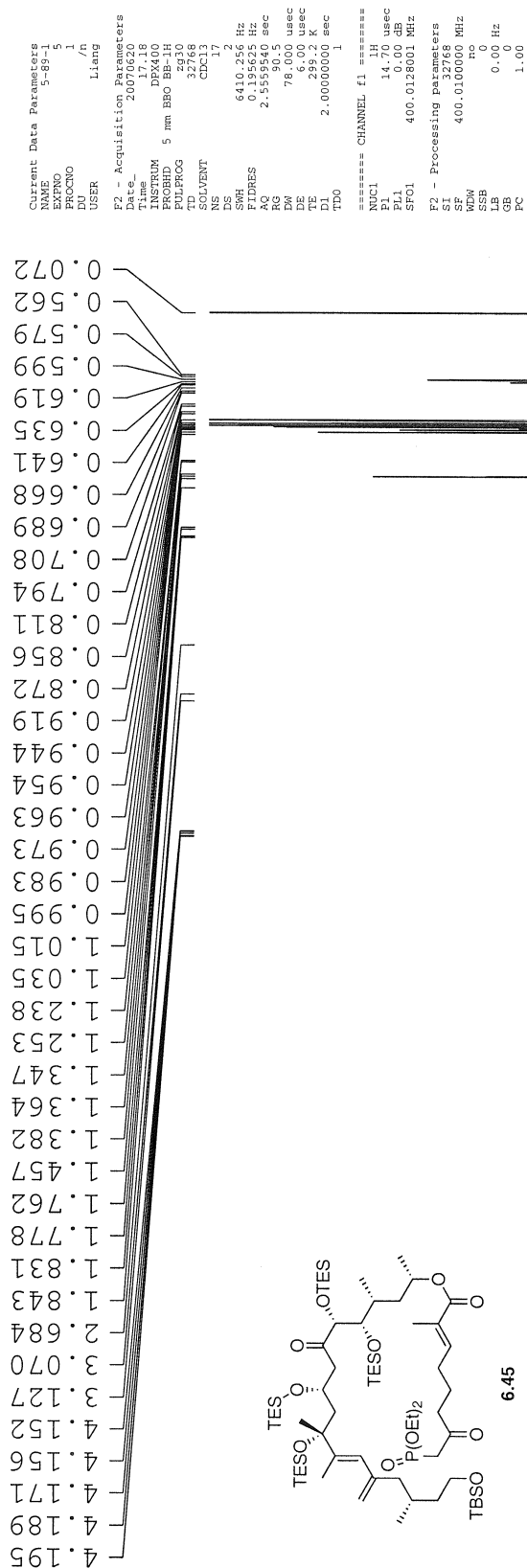
===== CHANNEL f1 =====
NUC1         13C
P1           8.80 us
PL1          3.00 dB
SFO1         75.4760505 MHz

===== CHANNEL f2 =====
NUC2         waltz16
P2           1H
PL2          80.00 us
PCPD2       -3.00 dB
PL12        17.55 dB
PL13        17.55 dB
SFO2        300.1312005 MHz

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

```





```

Current Data Parameters
NAME      5-89-1
EXPNO    7
PROCNO   1
DU       /n
USER     Liang

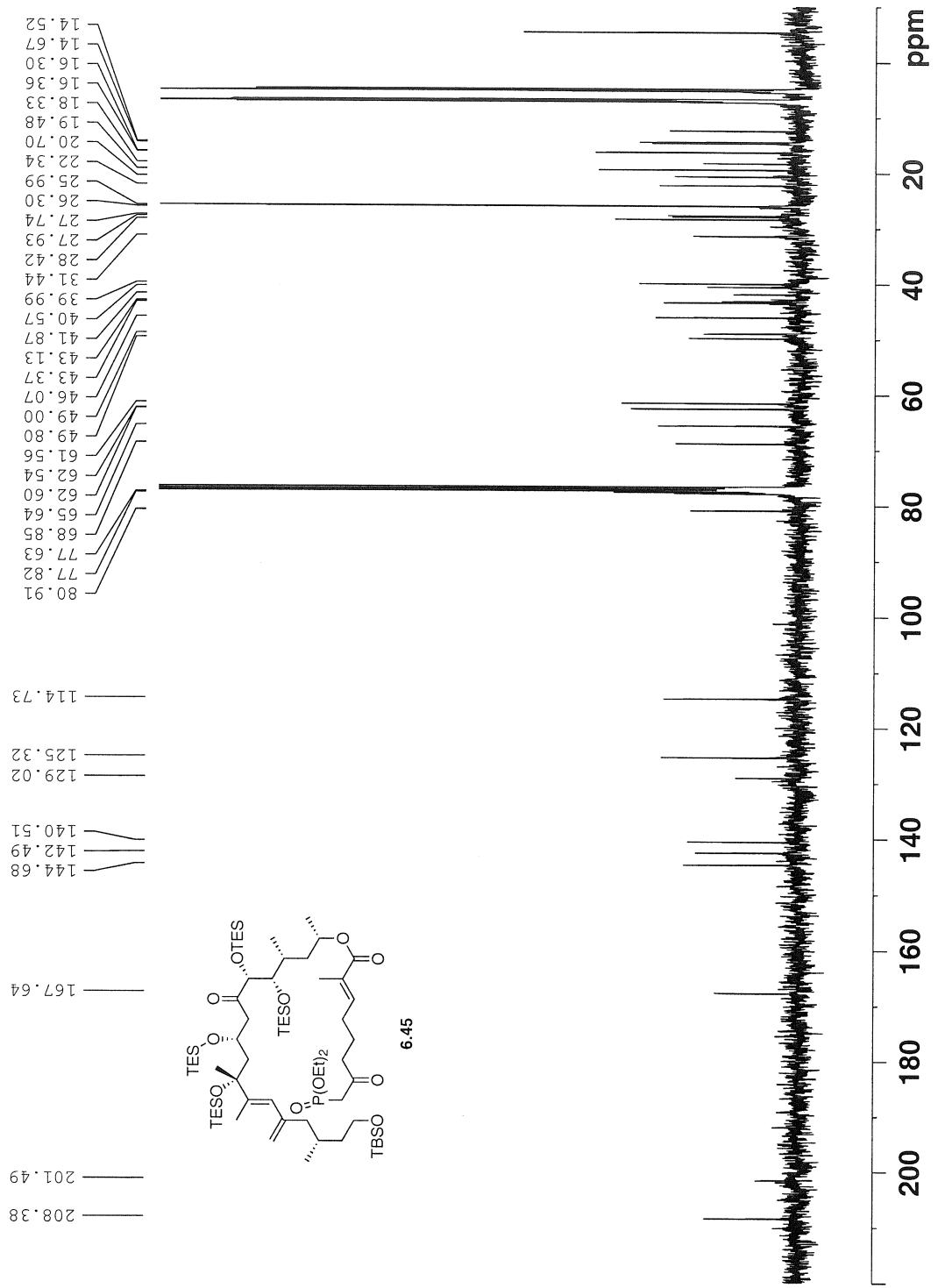
F2 - Acquisition Parameter
Date_    20070620
Time     17.40
INSTRUM  DFX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  894
NS       894
DS       4
SWH      25125.629 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 s
RG       4597.6
DE       19.900 us
TE       6.00 us
TE       299.2 K
D1       0.15000001 s
d11      0.03000000 s
DELTA    0.05000000 s
TD0      1

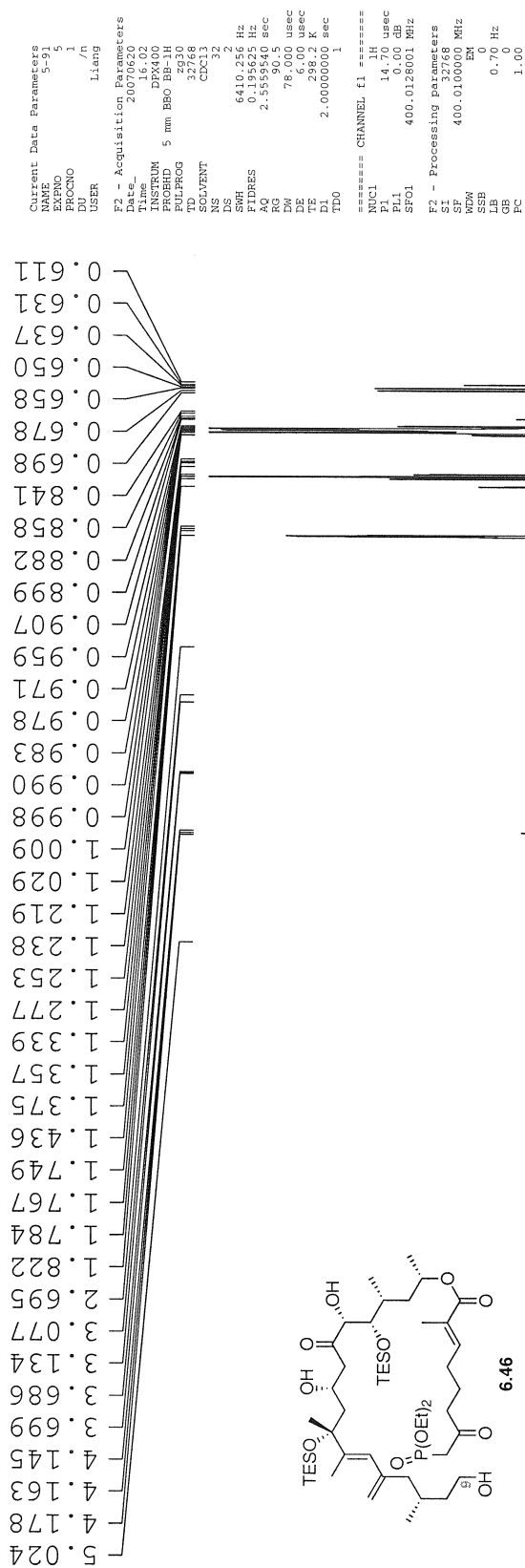
===== CHANNEL f1 =====
NUC1     13C
P1       7.80 us
PL1      3.00 dB
SFO1     100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2     1H
PCPD2    135.00 us
PL2      17.40 dB
PL12     17.40 dB
PL13     17.40 dB
SFO2     400.0116000 MHz

F2 - Processing parameters
SI       32768
SF       100.5825950 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40

```






```

Current Data Parameters
NAME      5-9
EXPNO     1
PROCNO    1
DU        /n
USER      Liang

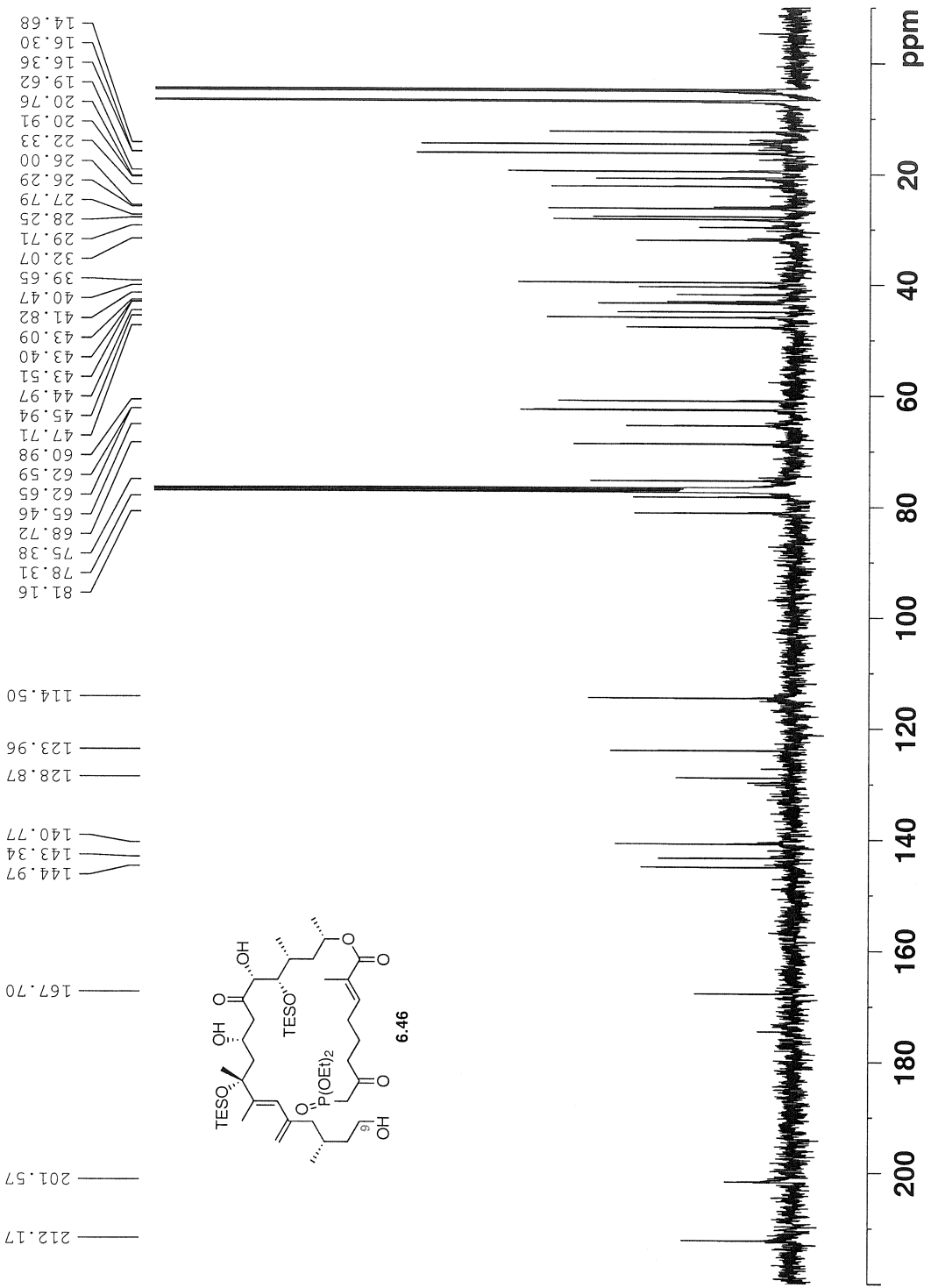
F2 - Acquisition Parameters
Date_     20070620
Time      16.27
INSTRUM   DFX400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD         65536
SOLVENT   2130
NS         4
DS         25195.629 Hz
SWH        3133.629 Hz
FIDRES     0.000387 Hz
AQ         1.382387 sec
RG         84597.6
DM         19.900 us
DE         6.00 us
TE         299.2 K
D1         0.15000001 sec
d11        0.03000000 sec
DELTA     0.05000000 sec
TD0        1

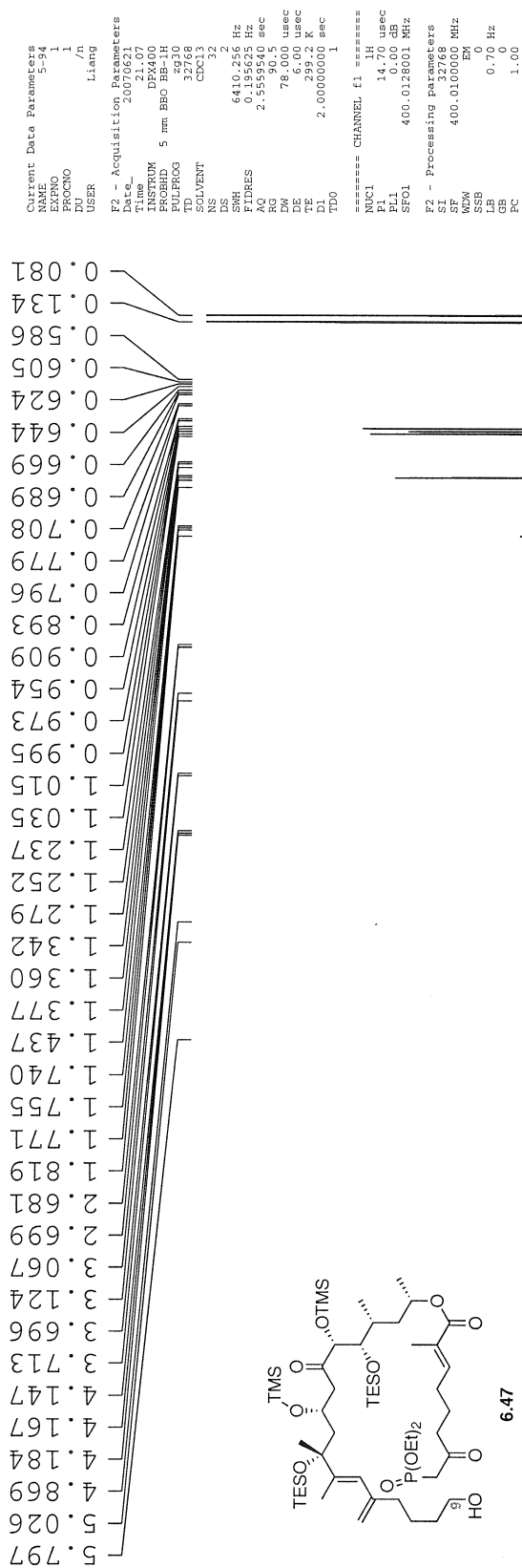
===== CHANNEL F1 =====
NUC1       13C
P1         7.80 us
PL1        -3.00 GHz
SFO1       100.5936591 MHz

===== CHANNEL F2 =====
CPDPRG2    waltz16
NUC2       13C
PCPD2      135.00 us
PL2        17.40 GHz
PL12       17.40 GHz
PL13       17.40 GHz
SFO2       400.0116000 MHz

F2 - Processing parameters
SI         32768
SF         100.5825950 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40

```





```

Current Data Parameters
NAME      5-93
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

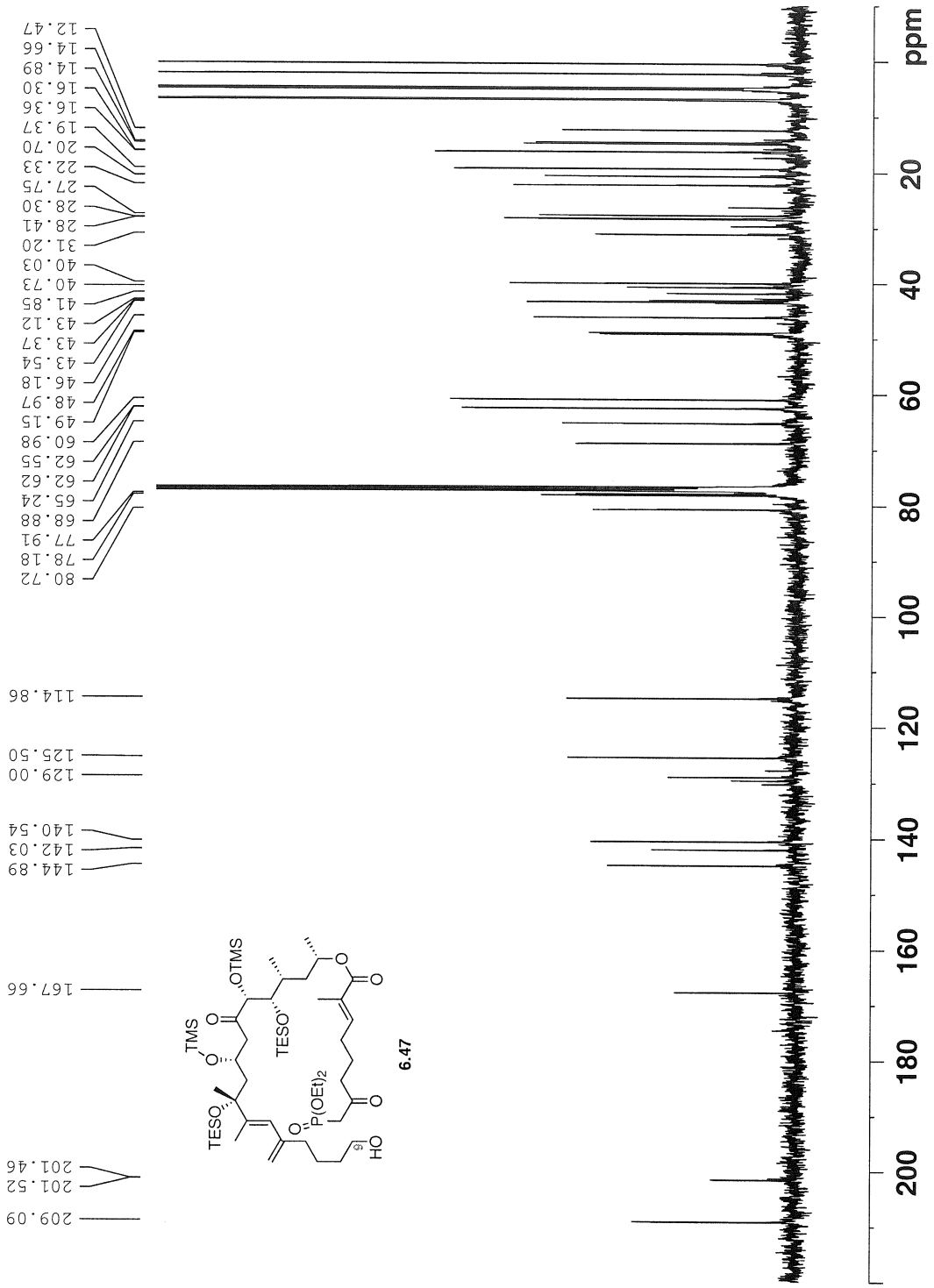
F2 - Acquisition Parameters
Date_    20070621
Time     22.21
INSTRUM  DEX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  2374
NS       4
DS       4
SWH      25125.629 Hz
FIDRES   0.32387 Hz
AQ       1.3445916 s
RG       19.900
DE       6.00 us
TE       299.2 K
D1       0.15000001 s
d11      0.03000000 s
DELTA    0.05000000 s
TDO      1

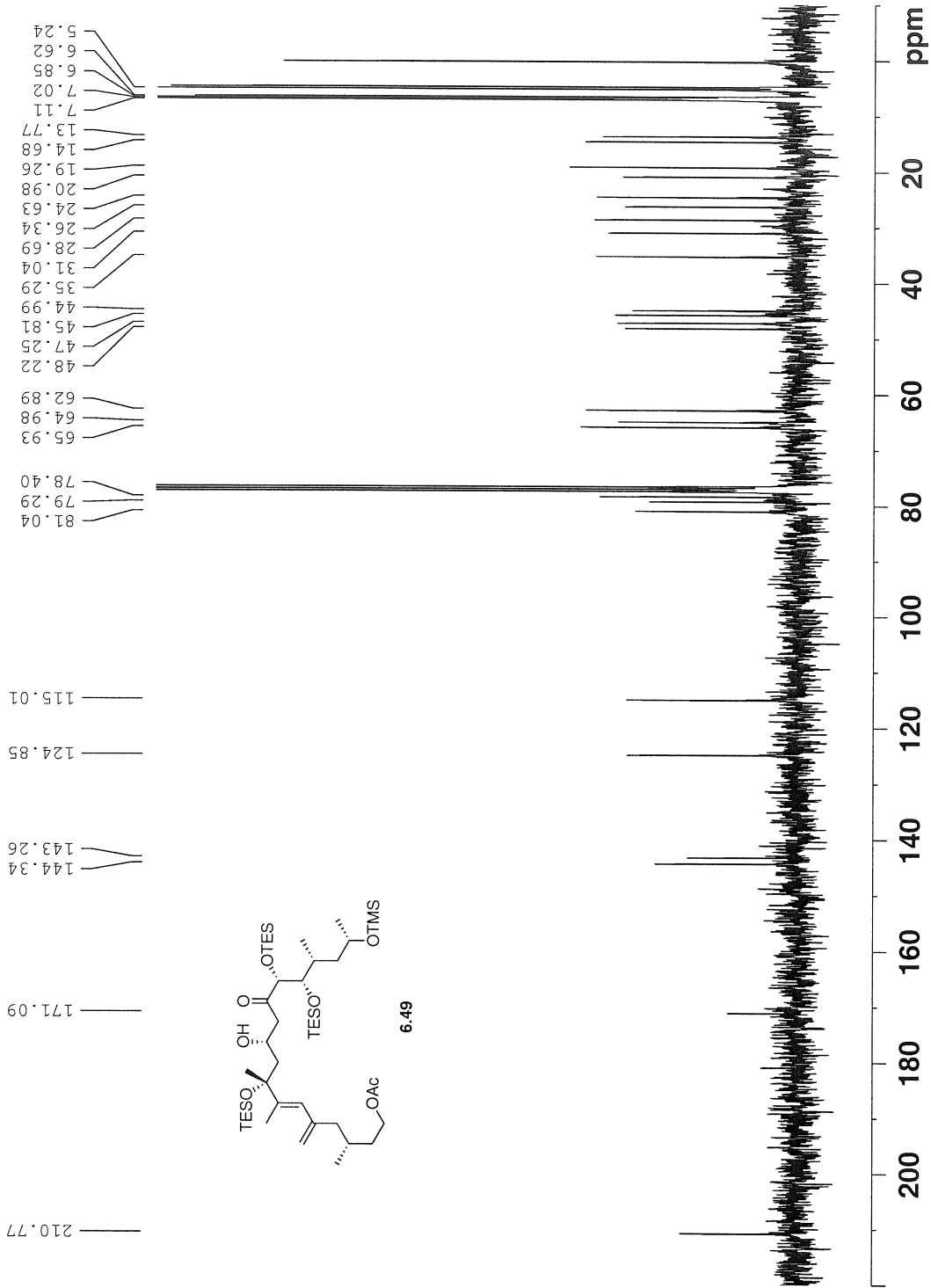
===== CHANNEL f1 =====
NUC1     13C
P1       7.80 us
PL1      -3.00 dB
SFO1     100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2     135.00 MHz
PCPD2    135.00 us
PL2      17.40 dB
PL12     17.40 dB
PL13     17.40 dB
SFO2     400.0116000 MHz

F2 - Processing parameters
SI       32768
SF       100.5825950 MHz
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40

```





Current Data Parameters
 NAME 7-84-2
 EXPNO 3
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20080310
 Time 21.40
 INSTRUM DPK300
 PROBHD 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 277
 DS 4
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 9195.2
 DW 26.550 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 sec
 G11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 8.80 us
 PL1 -3.00 dB
 SFO1 75.4760505 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 us
 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
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

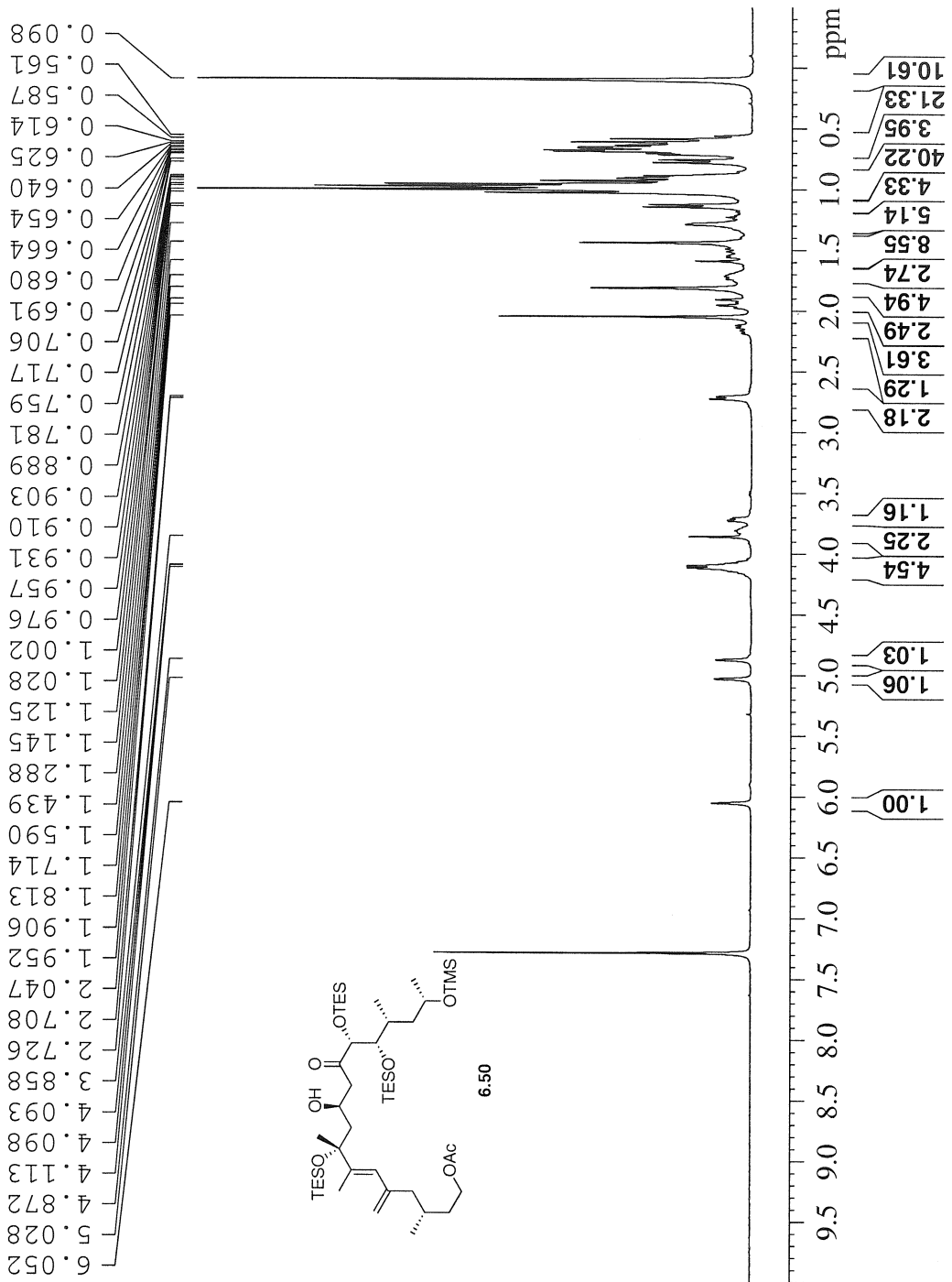
```

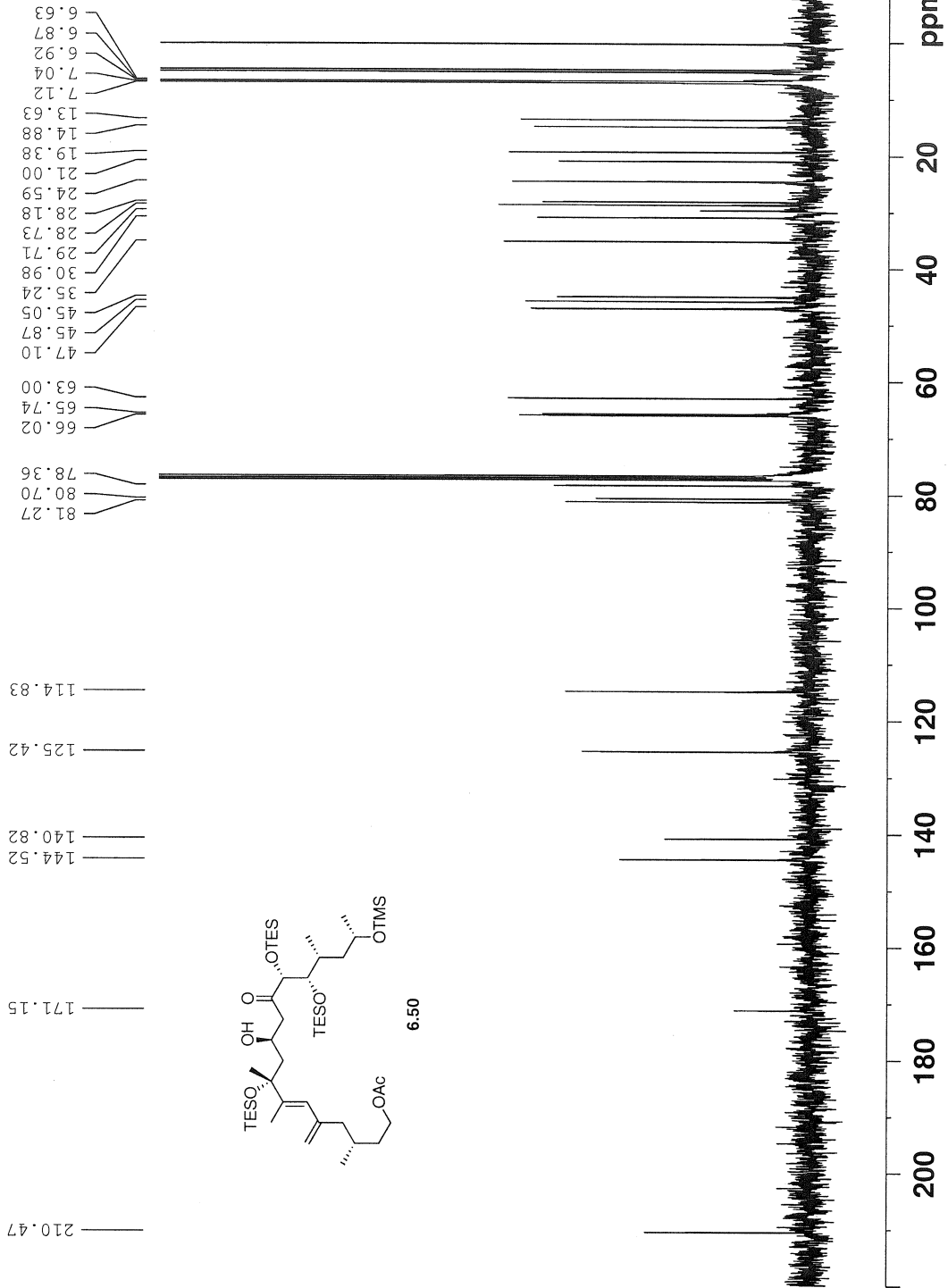
Current Data Parameters
NAME          7484
EXPNO         5
PROCNO        1
DU            /n
USER          Liang

F2 - Acquisition Parameters
Date_         20080218
Time         15:36
INSTRUM      spect
PROBHD       5 mm QNP 1H/1
PULPROG      zgpg30
TD           32768
SOLVENT      CDCl3
DS           12
SWH          4789.272 Hz
FIDRES       0.146157 Hz
AQ           3.4210291 sec
RG           655
DQ           104.400 usec
DE           6.00 usec
TE           298.2 K
D1           2.00000000 sec
TD0          1

===== CHANNEL f1 =====
NUC1          1H
P1            0.1H
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
    
```





Current Data Parameters
 NAME 6-50
 EXPNO 6
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters:
 Date_ 20071011
 Time 18.28
 INSTRUM DPK400
 PROBHD 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT
 NS 253
 DS 4
 SWH 25125.626 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 s
 RG 4587.6
 DW 19.900 us
 DE 6.00 us
 TE 299.2 K
 D1 0.15000001 s
 d11 0.03000000 s
 DELTA 0.05000000 s
 TDO 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 7.80 us
 PL1 -3.00 dB
 SFO1 100.5936591 MHz

===== CHANNEL f2 =====
 NUC2 waltz16
 CPDPRG2
 PCPD2 135.00 us
 PL2 17.40 dB
 PL12 17.40 dB
 PL13 17.40 dB
 SFO2 400.0116000 MHz

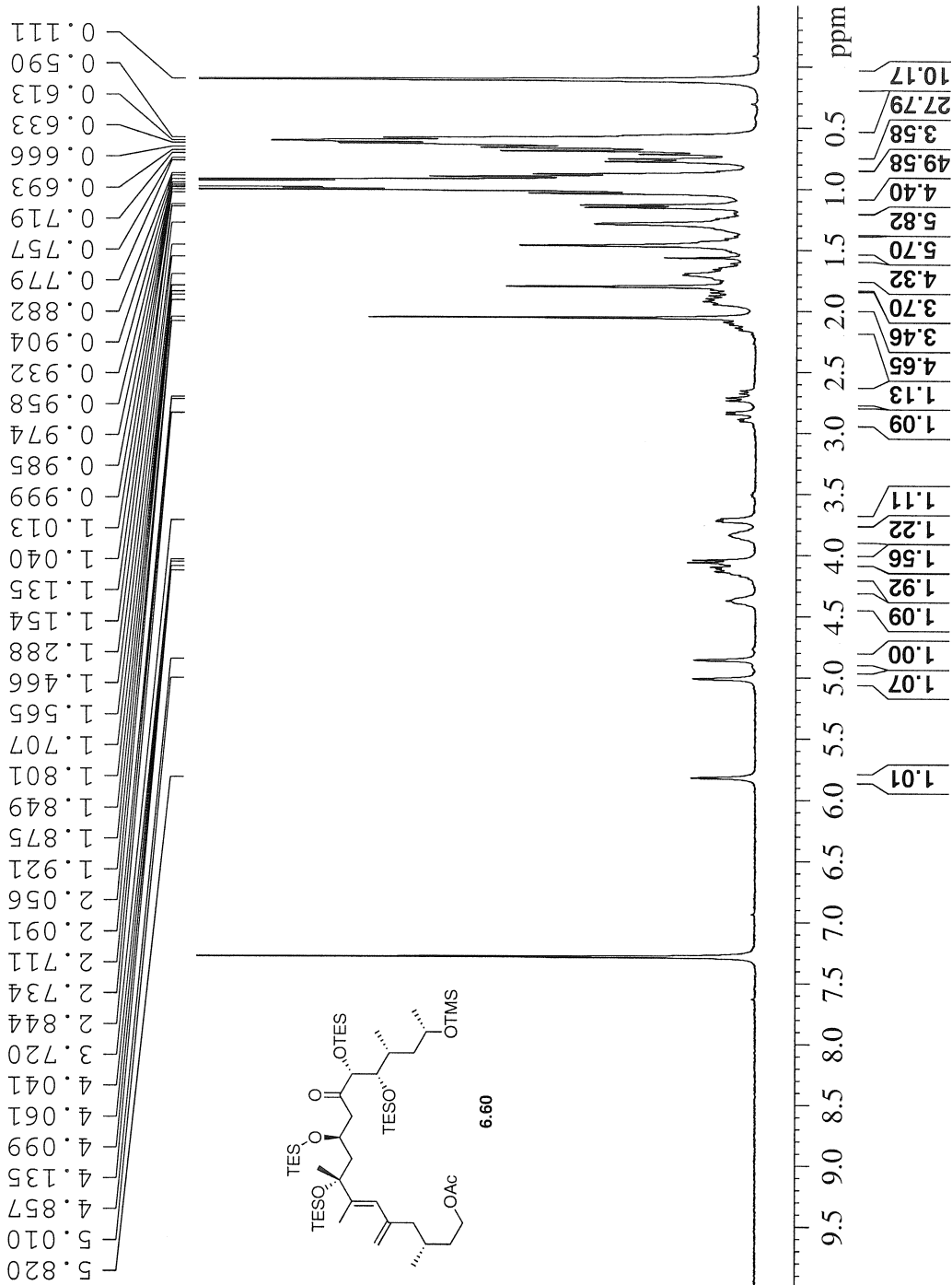
F2 - Processing parameters:
 SI 32768
 SF 100.5825950 MHz
 MDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40

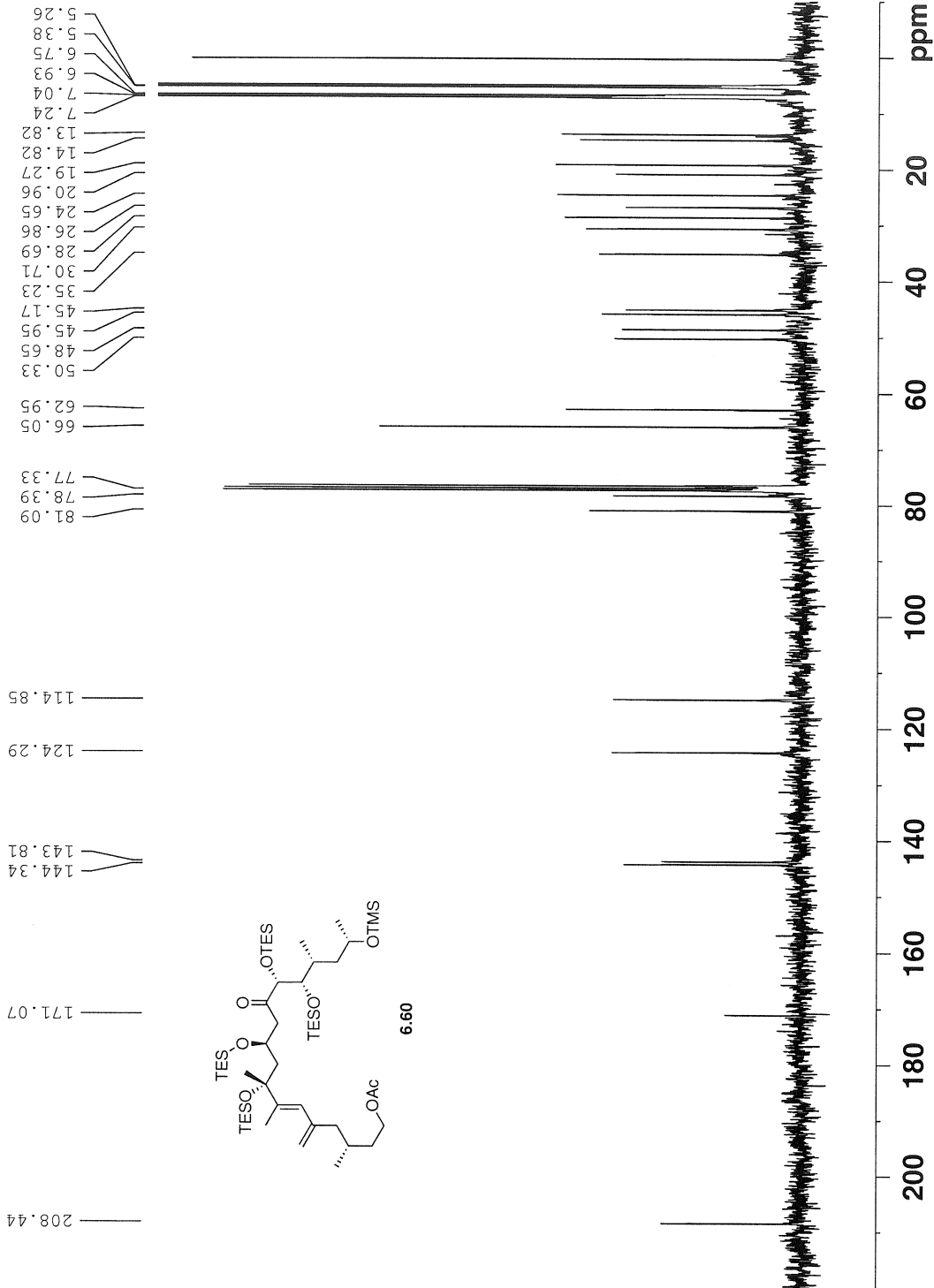
```

Current Data Parameters
NAME          7-85
EXPNO        1
PROCNO       /n
DO           Liang
USER
F2 - Acquisition Parameters
Date_        20080218
Time         22:01
INSTRUM      spect
PROBHD       5 mm QNP 1H/1
PULPROG      zg30
TD           32768
SOLVENT      CDCl3
DS           1
SS           2
SHH          4789.272 Hz
FIDRES       0.146157 Hz
AQ           3.423251 sec
RG           327.5
DM           104.400 usec
DE           6.00 usec
TE           298.2 K
TD0          2.0000000 sec

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

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





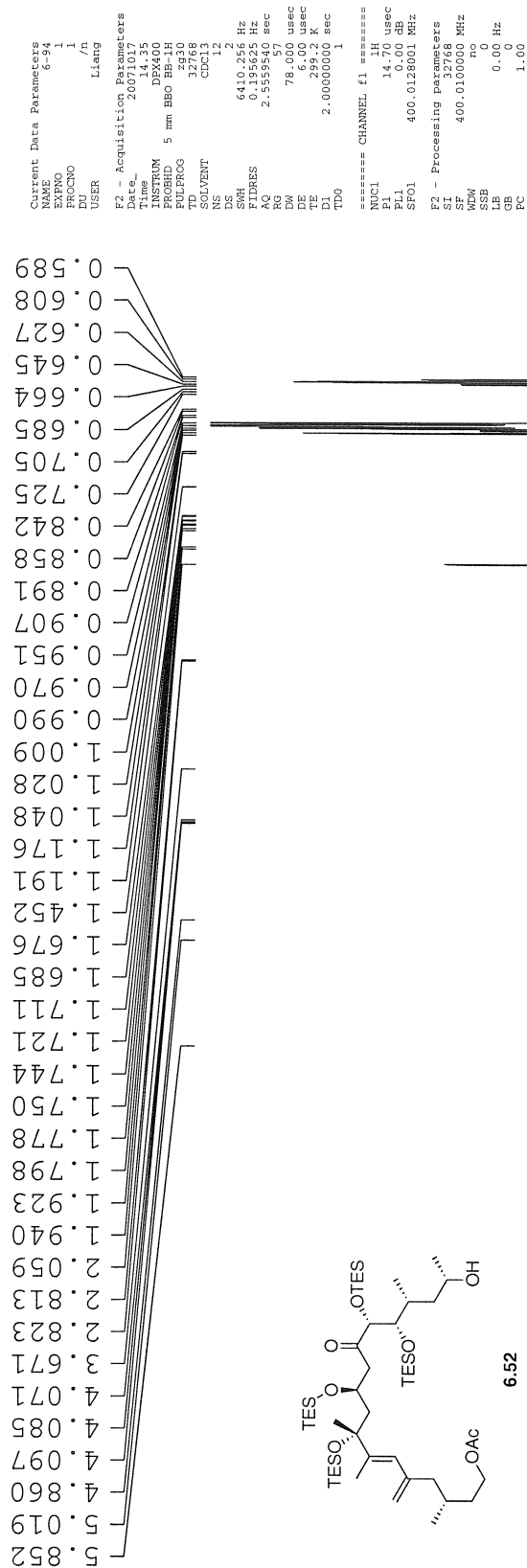
Current Data Parameters
 NAME 6-93
 EXPNO 3
 PROCNO 1
 DU /v
 USER Liang

F2 - Acquisition Parameters
 Date_ 20071014
 Time 21.15
 INSTRUM DFX300
 PROBHD 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 335
 SH 18832.388 Hz
 SFO1 101.625360 Hz
 FIDRES 1.7400308 Hz
 RG 9185.2
 DW 26.550 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 s
 d11 0.03000000 s
 DELTA 0.05000000 s
 TDO 1

===== CHANNEL f1 =====
 NUC1 13C
 P1 8.80 us
 PL1 -3.00 dB
 SFO1 75.4760505 MHz

===== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 us
 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
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 PC 1.40



```

Current Data Parameters
NAME      6-9a
EXPNO     1
PROCNO    1
DU        /h
USER      Liang

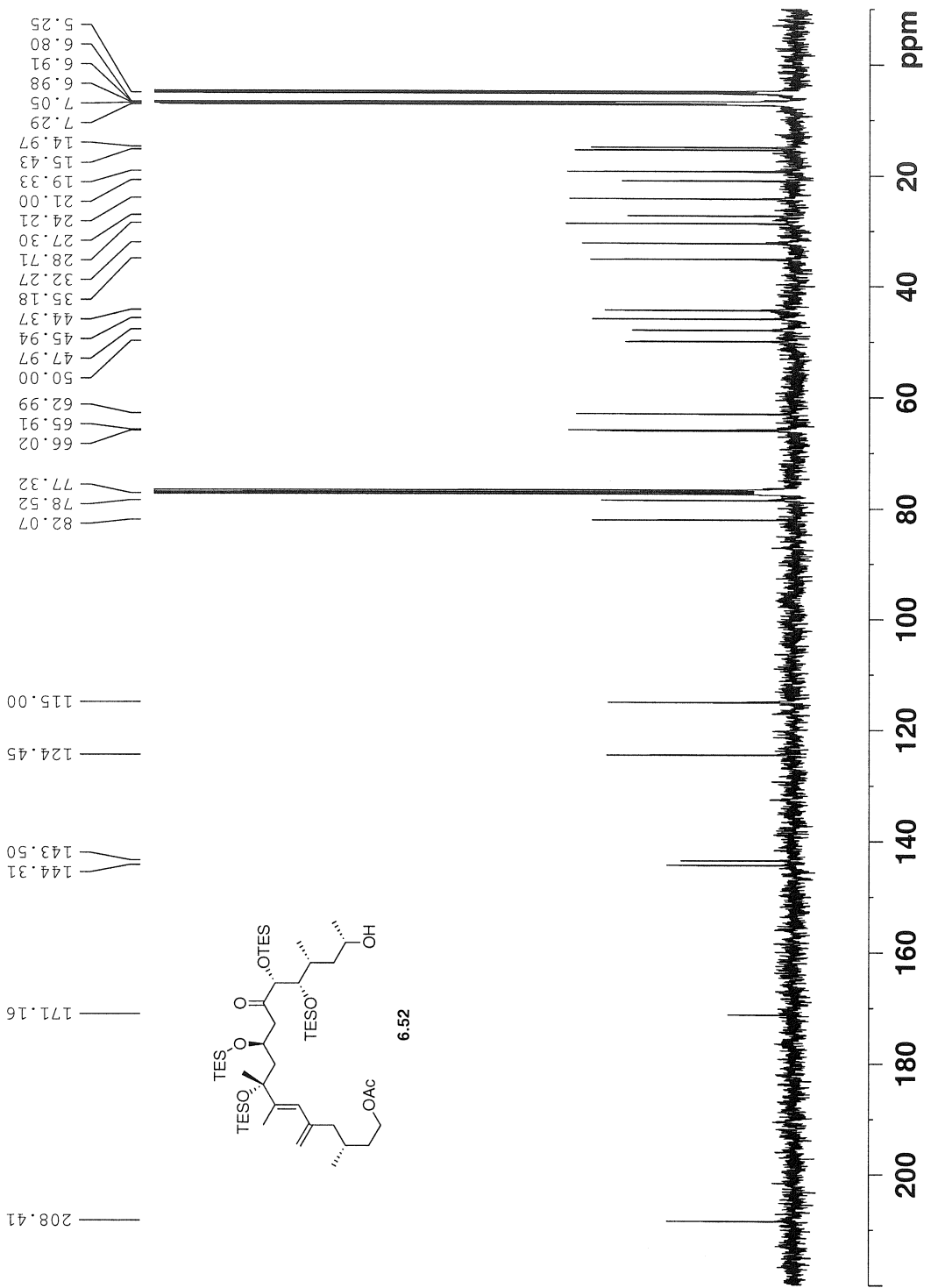
F2 - Acquisition Parameters
Date_     20071017
Time      14.51
INSTRUM   DPK400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD        65536
SOLVENT   305
NS        4
DS        8
SWH        25125.628 Hz
FIDRES     0.383387 Hz
AQ         1.3042164 sec
RG         4587.6
DW         19.900 us
DE         6.00 us
TE         299.2 K
D1         0.15000001 sec
G11        0.03000000 sec
DELTA     0.05000000 sec
TDO        1

===== CHANNEL f1 =====
NUC1       13C
P1         7.80 us
PL1        3.00 dB
SFO1       100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       13C
PCPD2      135.00 us
PL2        17.40 dB
PL12       17.40 dB
PL13       17.40 dB
SFO2       400.0116000 MHz

F2 - Processing parameters
SI         32768
SF         100.5825950 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40

```



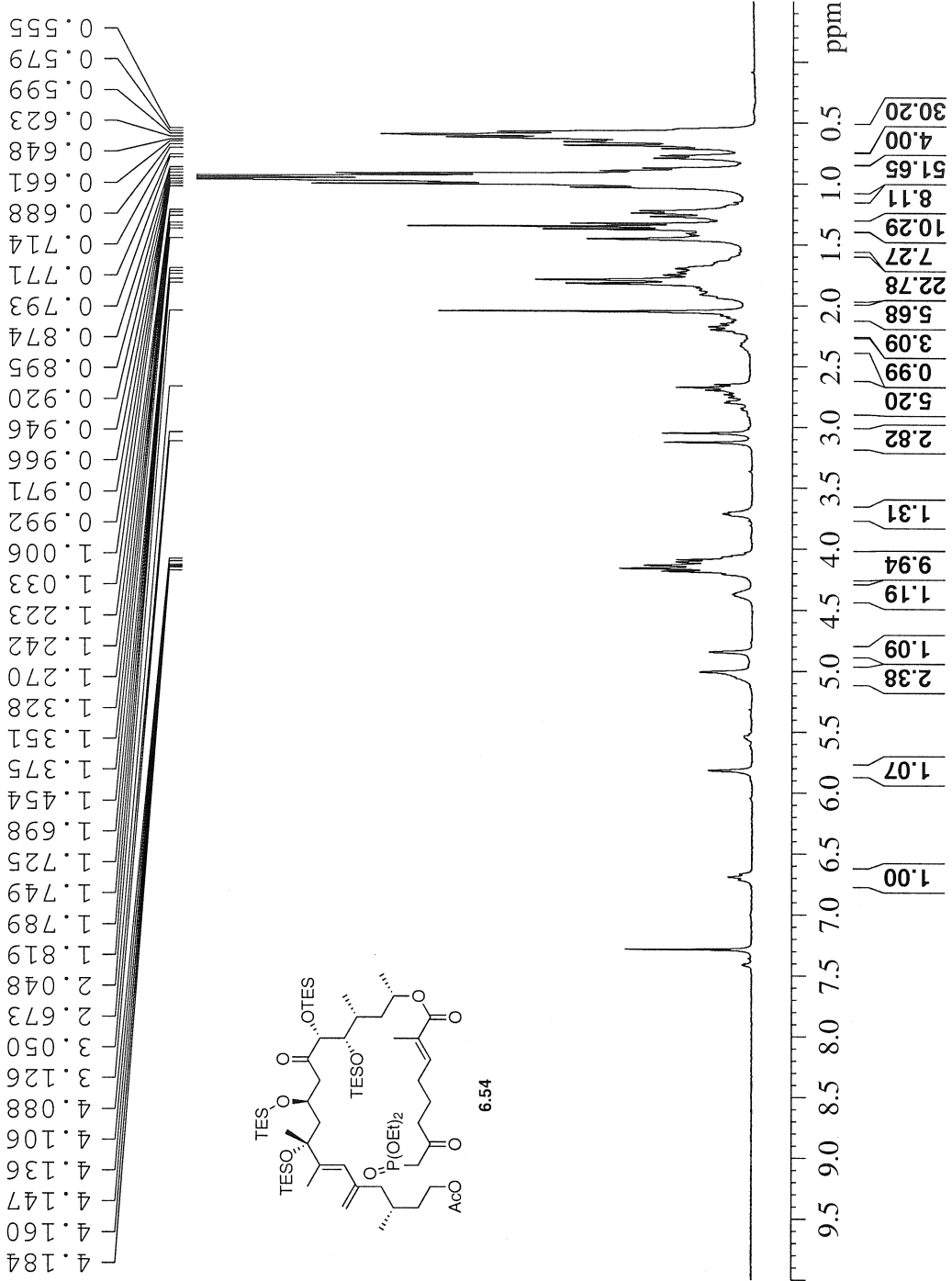
```

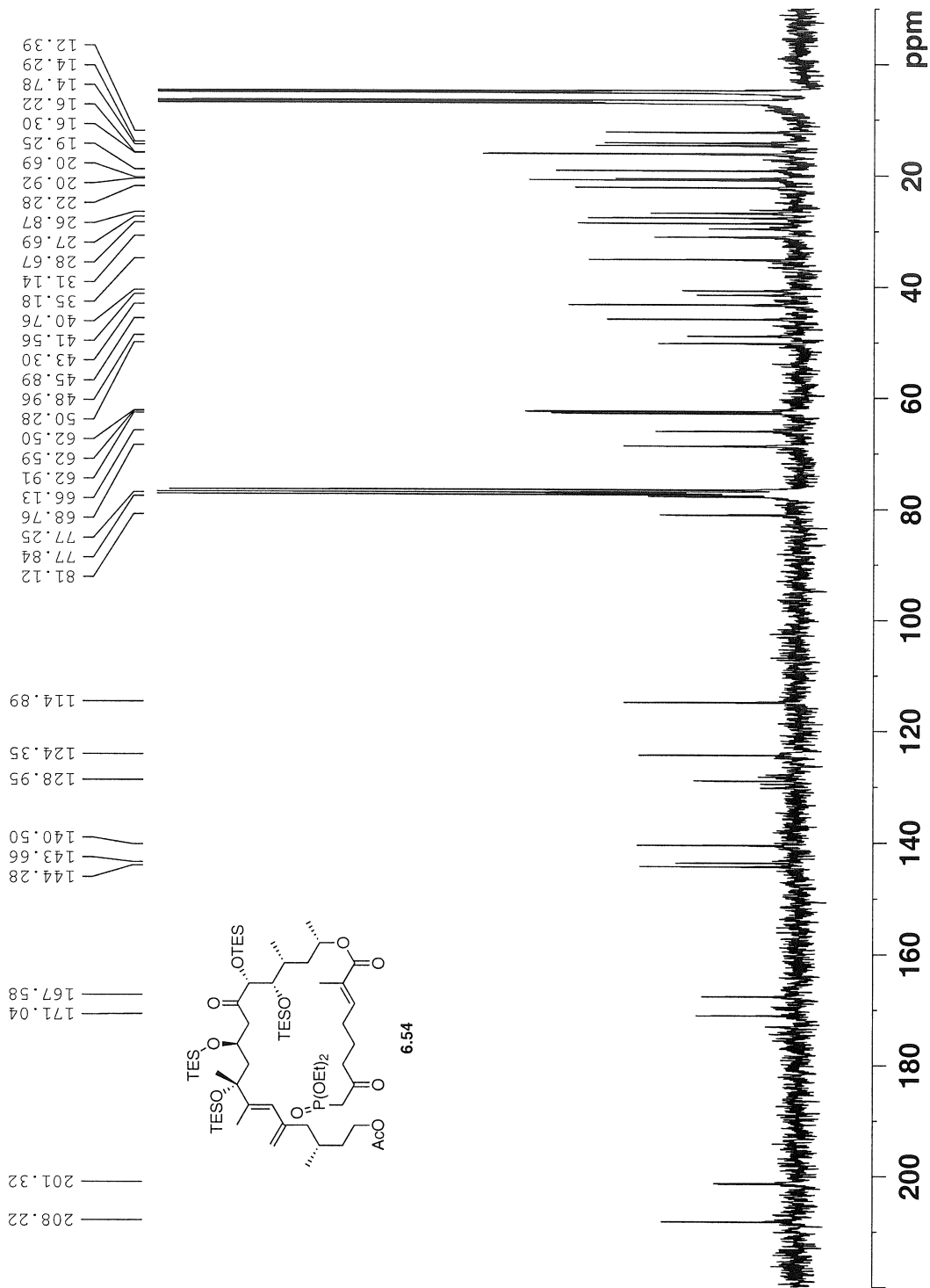
Current Data Parameters
EXPNO 1
PROCNO 1
DU /h
USER Liang

F2 - Acquisition Parameters
Date_ 20071018
Time 17:27
Name D:\7130
PROBHD 5 mm QNP
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
DS 32
NS 4789.272 Hz
SMH 0.146157 Hz
FIDRES 3.4210291 sec
AQ 104.400 usec
RG 6.00 usec
DE 296.2 K
TE 2.0000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 9.00 usec
PL1 -2.00 dB
SFO1 300.1321009 MHz

F2 - Processing Parameters
SI 32768
SF 300.1321009 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00
    
```





Current Data Parameters
 NAME 6-96
 EXPNO 1
 PROCNO 3
 DU /n
 USER Liang

F2 - Acquisition Parameter
 Date_ 20071019
 Time 11.38
 INSTRUM DFX300
 PROBHD 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 229
 DS
 SFO 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 9195.2
 DW 26.550 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 sec
 G11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 8.80 us
 PL1 3.00 dB
 SFO1 75.4760505 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 us
 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
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 FC 1.40

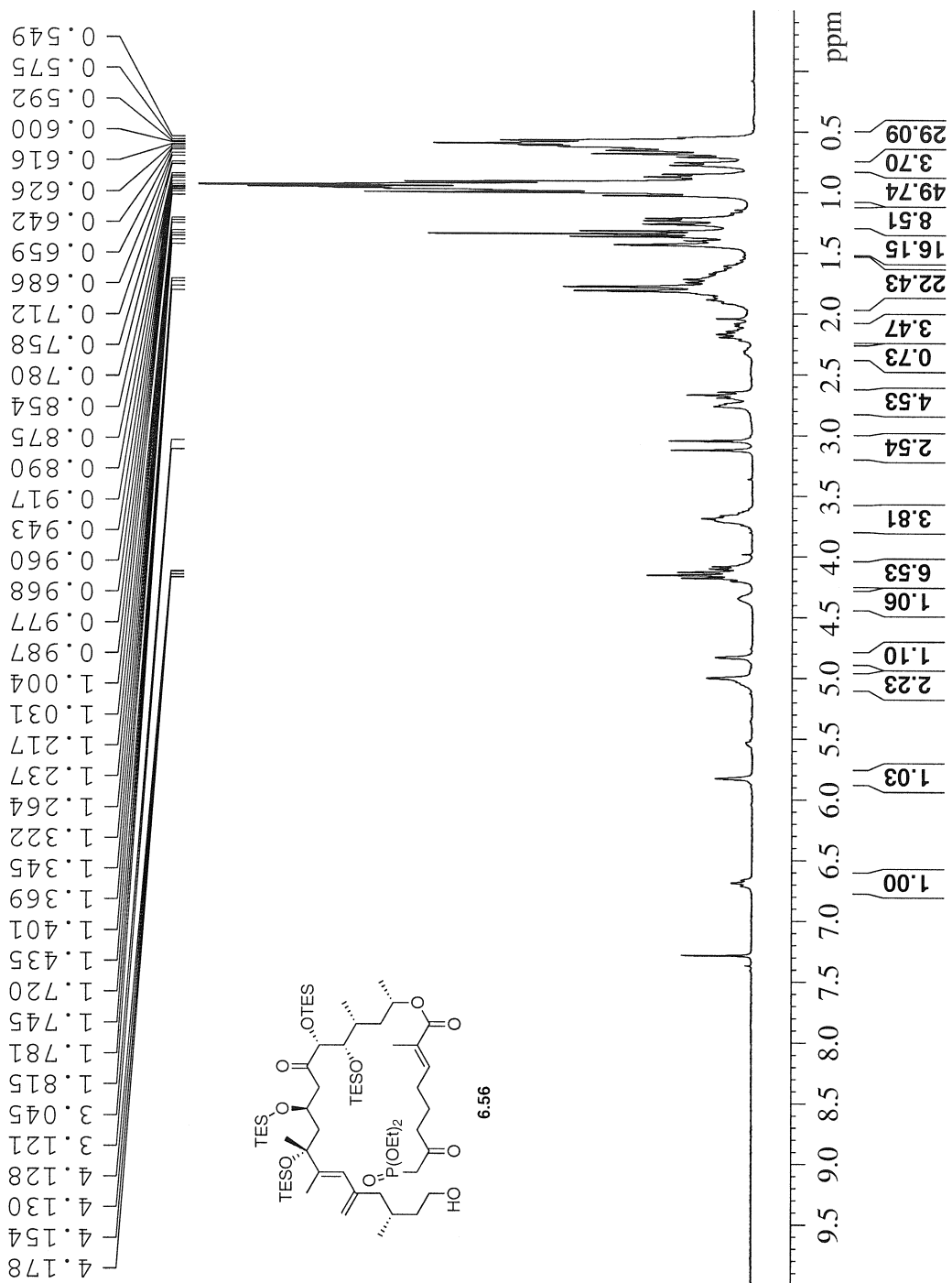
```

Current Data Parameters
=====
EXPNO      1
PROCNO     1
DU         /n
USER       Liang

F2 - Acquisition Parameters
=====
Date_      20071021
Time       18.19
INSTRUM    spect
PROBHD     5 mm QNP
PULPROG    zg30
TD         32768
SOLVENT    CDCl3
DS         20
NS         4789.272 Hz
SFO1       300.1321009 MHz
FIDRES     0.146157 Hz
AQ         3.4210291 sec
RG         104.406
DSB        6.00 usec
DE         6.00 usec
TE         298.2 K
D1         2.0000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       1H
P1         9.00 usec
PL1        0.00 dB
SFO1       300.1321009 MHz

F2 - Processing Parameters
=====
SI         32768
SF         300.1321009 MHz
WDW        EM
SSB        0
LB         0.00 Hz
GB         0
PC         1.00
    
```



4.178
4.154
4.130
4.128
3.121
3.045
1.815
1.781
1.745
1.720
1.435
1.401
1.369
1.345
1.322
1.264
1.237
1.217
1.031
1.004
0.987
0.977
0.968
0.960
0.943
0.917
0.890
0.875
0.854
0.780
0.758
0.712
0.686
0.659
0.642
0.626
0.616
0.600
0.592
0.575
0.549

9.5 9.0 8.5 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

1.00
1.03
2.23
1.10
1.06
6.53
3.81
2.54
4.53
0.73
3.47
22.43
16.15
8.51
49.74
3.70
29.09

```

Current Data Parameters
NAME          6-100
EXPNO         1
PROCNO        1
DU            /n
USER          Liang

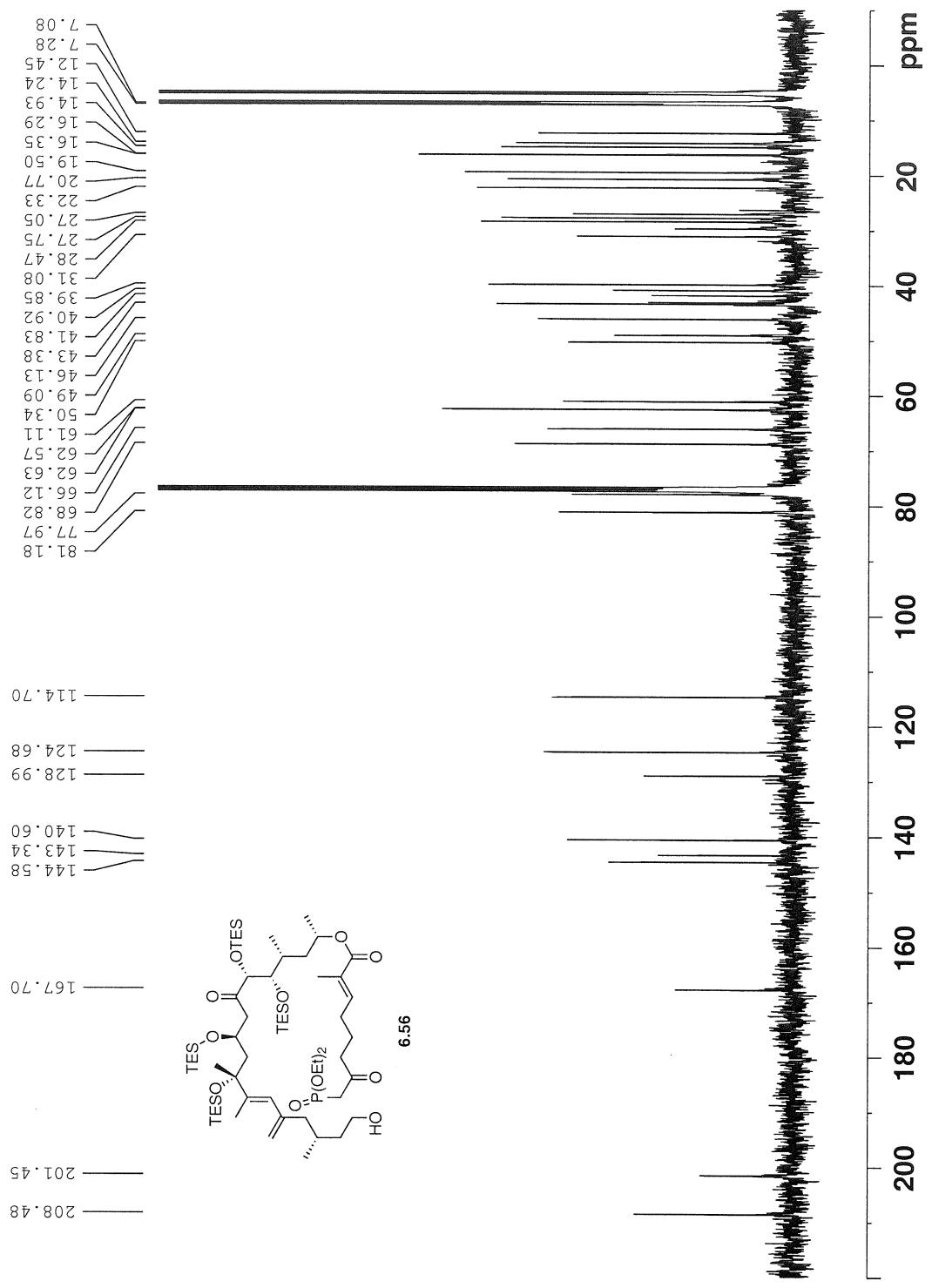
F2 - Acquisition Parameter
Date_         20071022
Time          16.47
INSTRUM      DPK400
PROBHD       5 mm BBO BB-1H
PULPROG      zgpg30
TD            65536
SOLVENT      CDCl3
DS            217.4
SWH           25125.629 Hz
FIDRES        0.383387 Hz
AQ            1.3042164 s
RG            4597.6
DW            19.900 us
DE            6.00 us
TE            299.2 K
D1            0.15000001 s
G11           0.03000000 s
DELTA        0.05000000 s
TD0           1

===== CHANNEL f1 =====
NUC1          13C
P1            7.80 us
PL1           3
SFO1         100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2      waltz16
NUC2          1H
PCPD2        135.00 us
PL2           17.40 dB
PL12         17.40 dB
PL13         17.40 dB
SFO2         400.0116000 MHz

F2 - Processing parameter:
SI            32768
SF            100.5825950 MHz
WDW           EM
SSB           0
LB            3.00 Hz
GB            0
PC            1.40

```



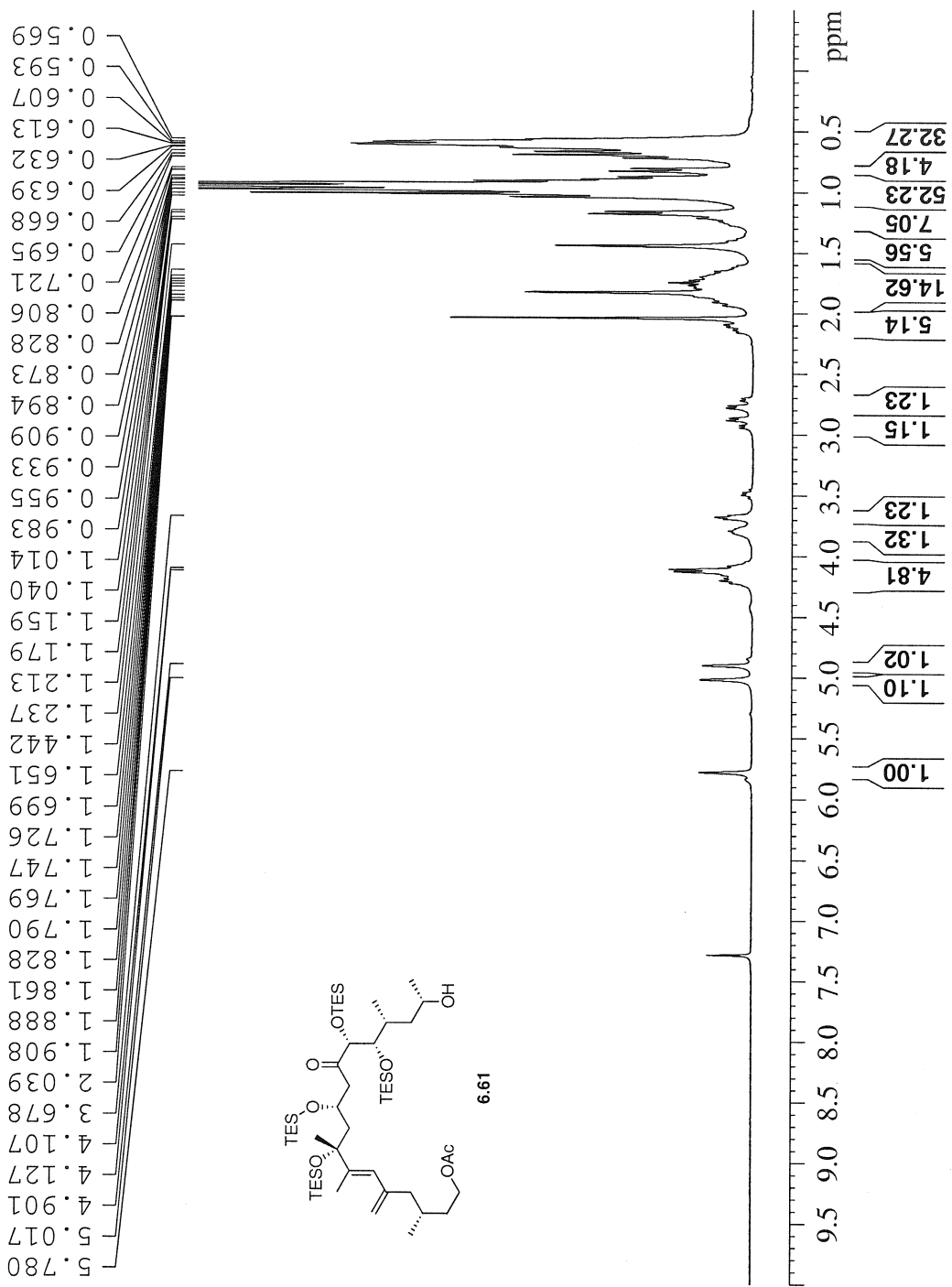

```

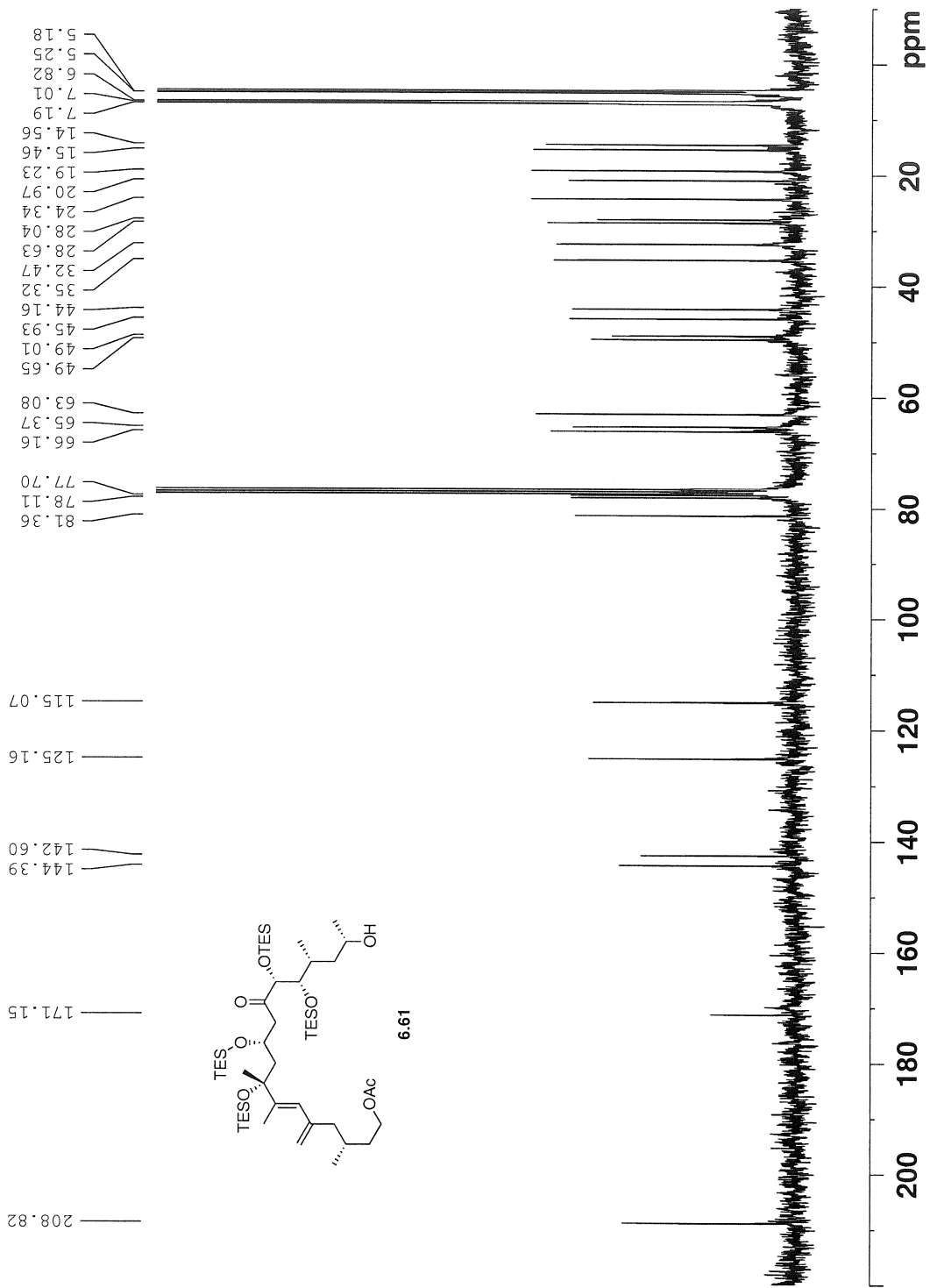
Current Data Parameters
NAME      8-01
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20080317
Time     10:15
INSTRUM  spect
PROBHD   5 mm QNP
PULPROG  zgpg30
TD       32768
SOLVENT  CDCl3
DS       1
SWH      4789.272 Hz
FIDRES   0.146157 Hz
AQ       3.4210291 sec
RG       650
DN       104.600 usec
DE       6.00 usec
TE       298.2 K
D1       2.0000000 sec
D10      1

===== CHANNEL f1 =====
NUC1     1H
P1       9.00 usec
PL1      0.00 dB
SFO1     300.1321009 MHz

F2 - Processing parameters
SI       32768
SF       300.1321009 MHz
WDW      EM
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```





Current Data Parameters
 NAME 8-03
 EXPNO 1
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20080317
 Time 10.58
 INSTRUM DFX300
 PROBHD 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDCl3
 NS 423
 DS 4
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400309 sec
 RG 9195.2
 DW 26.550 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 sec
 d11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

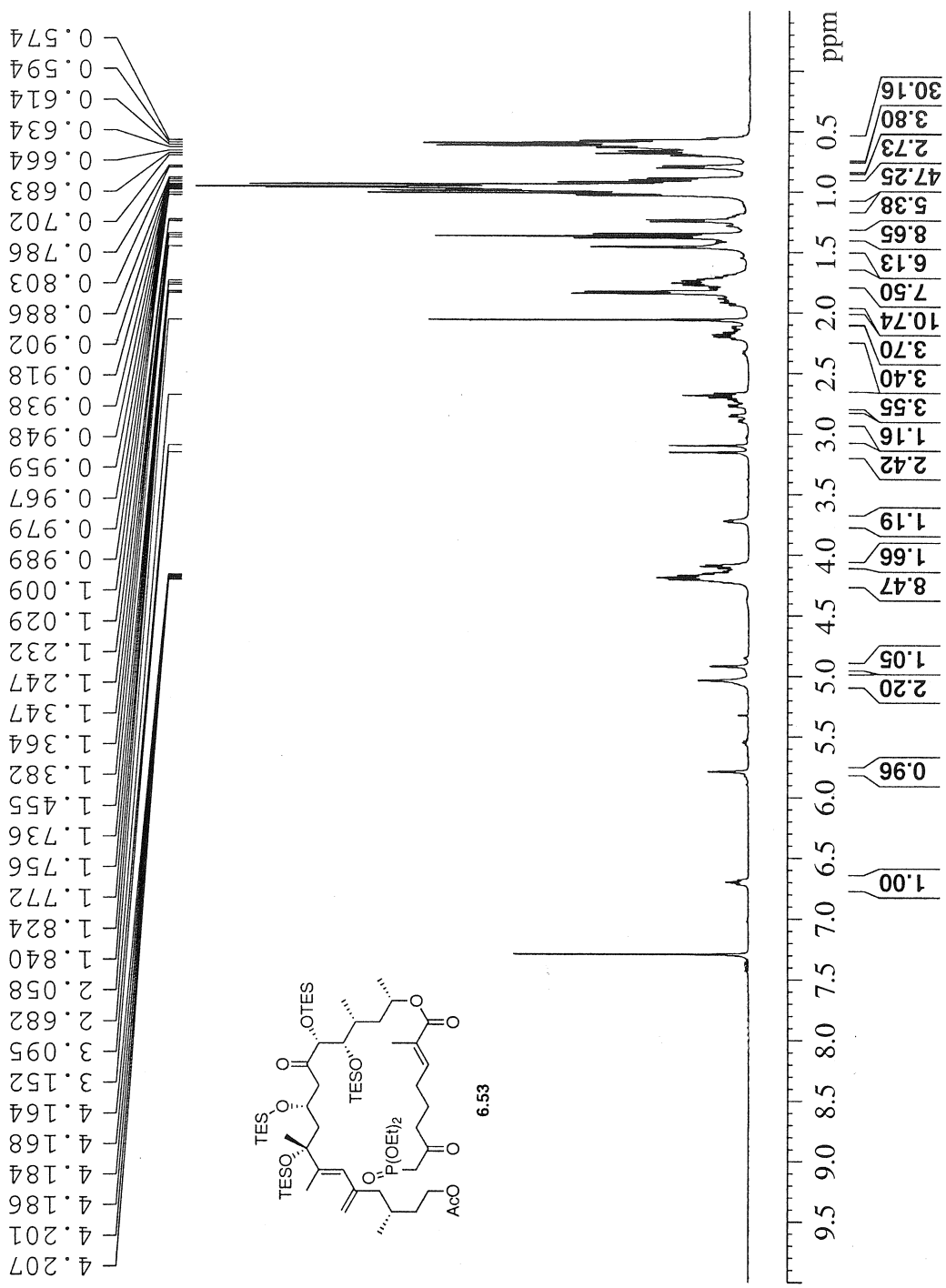
==== CHANNEL f1 =====
 NUC1 13C
 P1 8.80 us
 PL1 -3.00 dB
 SFO1 75.4760505 MHz

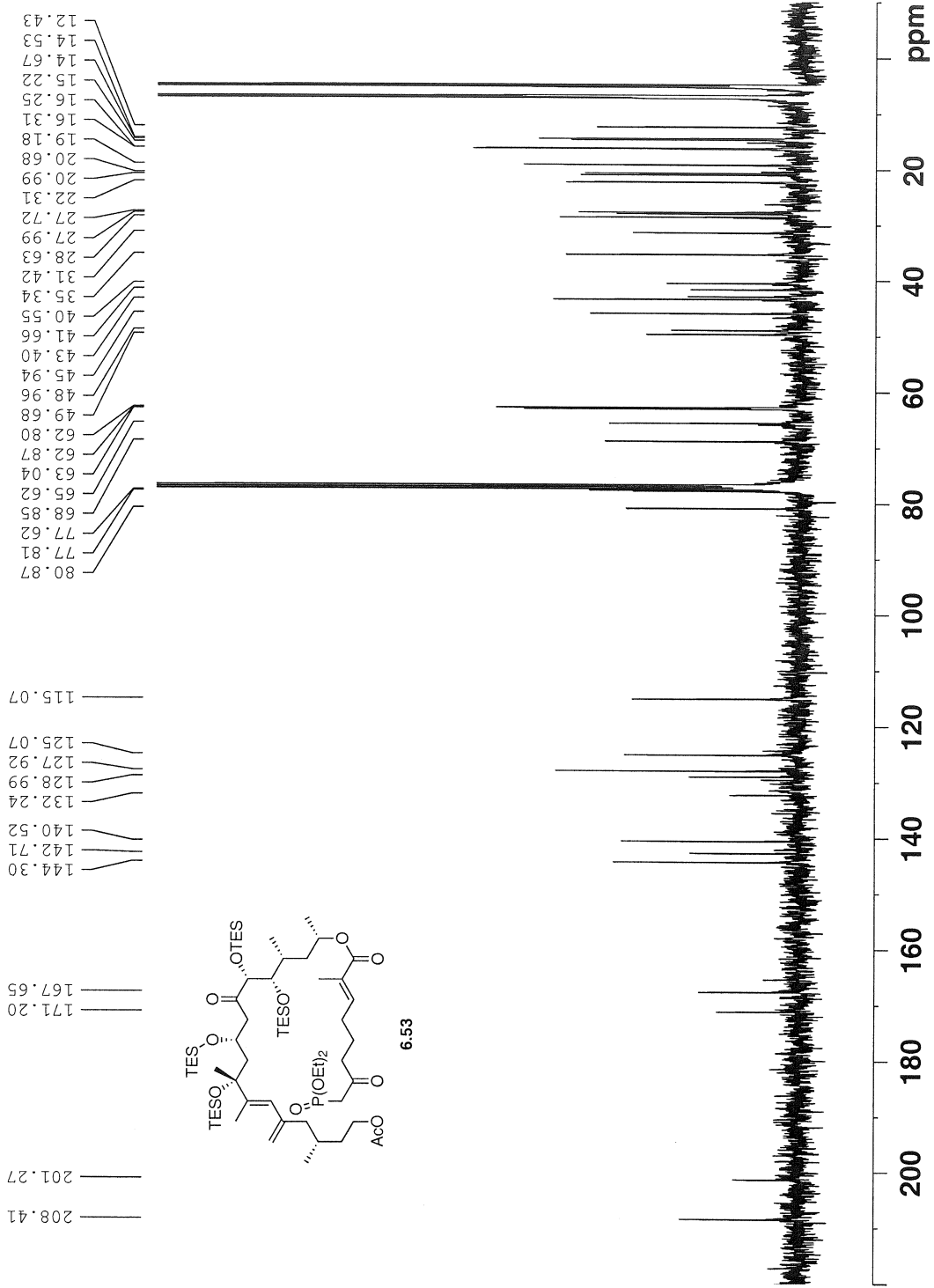
==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 us
 PL2 -3.00 dB
 PL12 17.55 dB
 PL13 17.55 dB
 SFO2 300.1312005 MHz

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

```

Current Data Parameters
NAME      8-10-2
EXPNO    1
PROCNO   1
DS       /n
USER     Liang
F2 - Acquisition Parameters
Date_    20080319
Time     13:48
INSTRUM  spect
PROBHD   5 mm BBO BB-1H
PULPROG  zg30
TD        32768
SOLVENT  CDCl3
DS        2
SWH       6410.256 Hz
FIDRES    0.195625 Hz
AQ        2.5559560 sec
RG        384
WDW       78.000 usec
DE        6.00 usec
TE        298.2 K
D1        2.0000000 sec
TD0       1
===== CHANNEL f1 =====
NUC1      1H
P1        14.00 usec
PL1       0.00 dB
SFO1      399.9528000 MHz
F2 - Processing parameters
SI        0
SF        399.9500000 MHz
WDW       EM
SSB       0
LB        0.70 Hz
GB        0
PC        1.00
  
```





```

Current Data Parameters
NAME      8-10-4
EXPNO     1
PROCNO    1
DU        /n
USER      Liang

F2 - Acquisition Parameter
Date_     20080319
Time      18.56
INSTRUM   DFX400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD         65536
SOLVENT   710
NS         4
DS         4
SWH        25195.629 Hz
FIDRES     0.38328 Hz
AQ         1.3042164 sec
RG         16384
DW         19.900 us
DE         6.00 us
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 us
PL1        -3.00 dB
SFO1       100.5785700 MHz

===== CHANNEL f2 =====
NUC2       waltz16
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
  
```

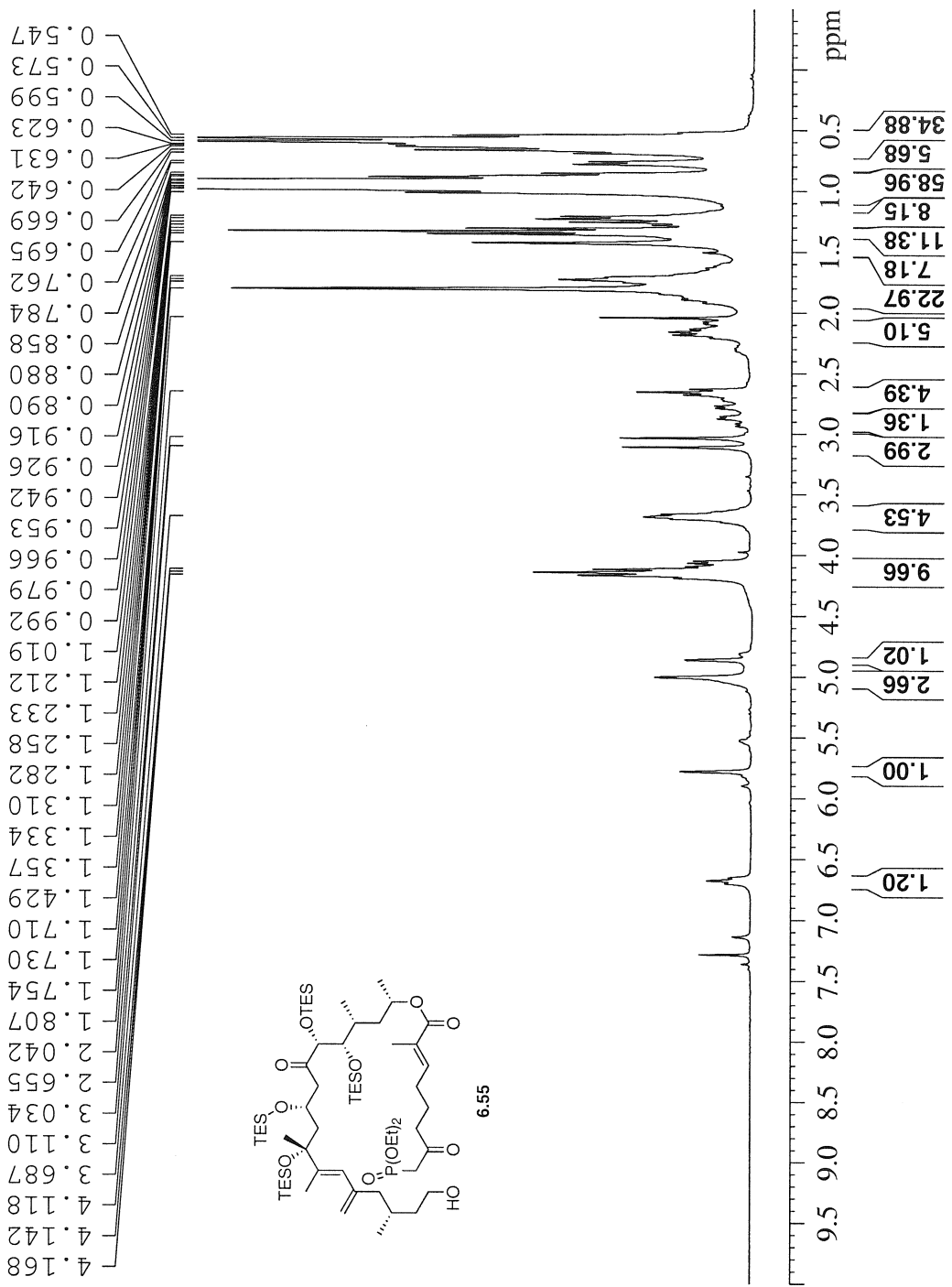
```

Current Data Parameters
NAME      S-18
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20080326
Time     12.07
INSTRUM spect
PROBHD   5 mm QNP 1H/1
PULPROG zg30
TD        32768
SOLVENT  CDCl3
DS         1
SWH       4789.272 Hz
FIDRES    0.146157 Hz
AQ         3.4210291 sec
RG         104.400 usec
DE         6.00 usec
TE        298.2 K
D1         2.0000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1      1H
P1         9.00 usec
PL1        3.00
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
    
```

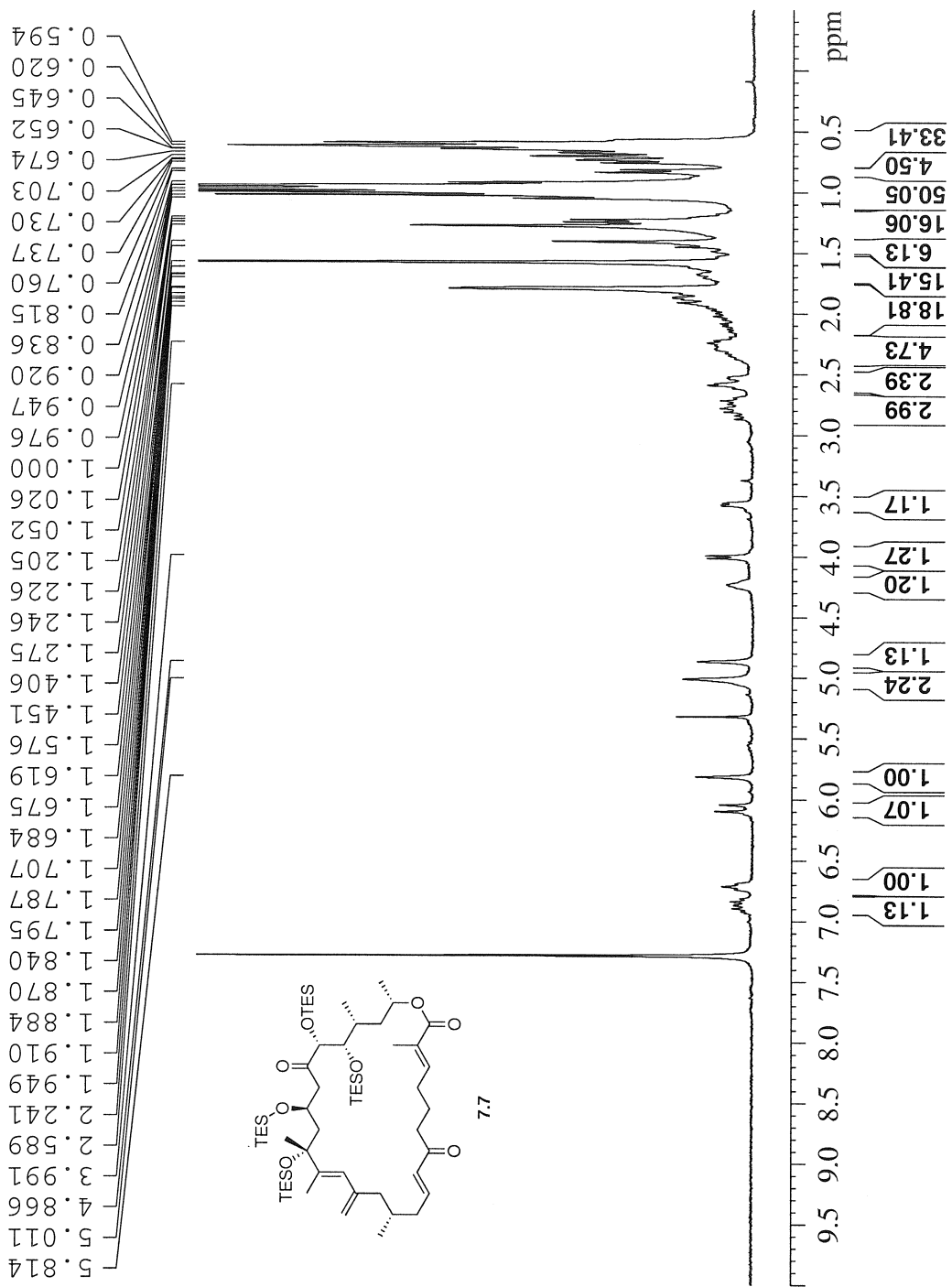


```

Current Data Parameters
NAME      G-91
EXPNO    1
PROCNO   1
DU       /h
USER     Liang

F2 - Acquisition Parameters
Date_    20071021
Time     21:58
MACHINE DPX300
PROBHD   5 mm QNP
PULPROG  zgpg30
TD       32768
SOLVENT  CDCl3
DS       32
NS       4789.272 Hz
SWH      0.146157 Hz
FIDRES   3.4210291 sec
AQ       104.400 usec
RG       6.00 usec
DE       296.2 K
TE       2.0000000 sec
D1       1
D2
D3
===== CHANNEL f1 =====
NUC1     1H
P1       9.00 usec
PL1      -2.00 dB
SFO1     300.1321009 MHz

F2 - Processing parameters
SI       32768
SF       300.1321009 MHz
WDW      EM
SSB      0
LB       0.30 Hz
GB       0
PC       1.00
    
```



```

Current Data Parameters
NAME          7-07
EXPNO        1
PROCNO       1
DU           /n
USER         Liang

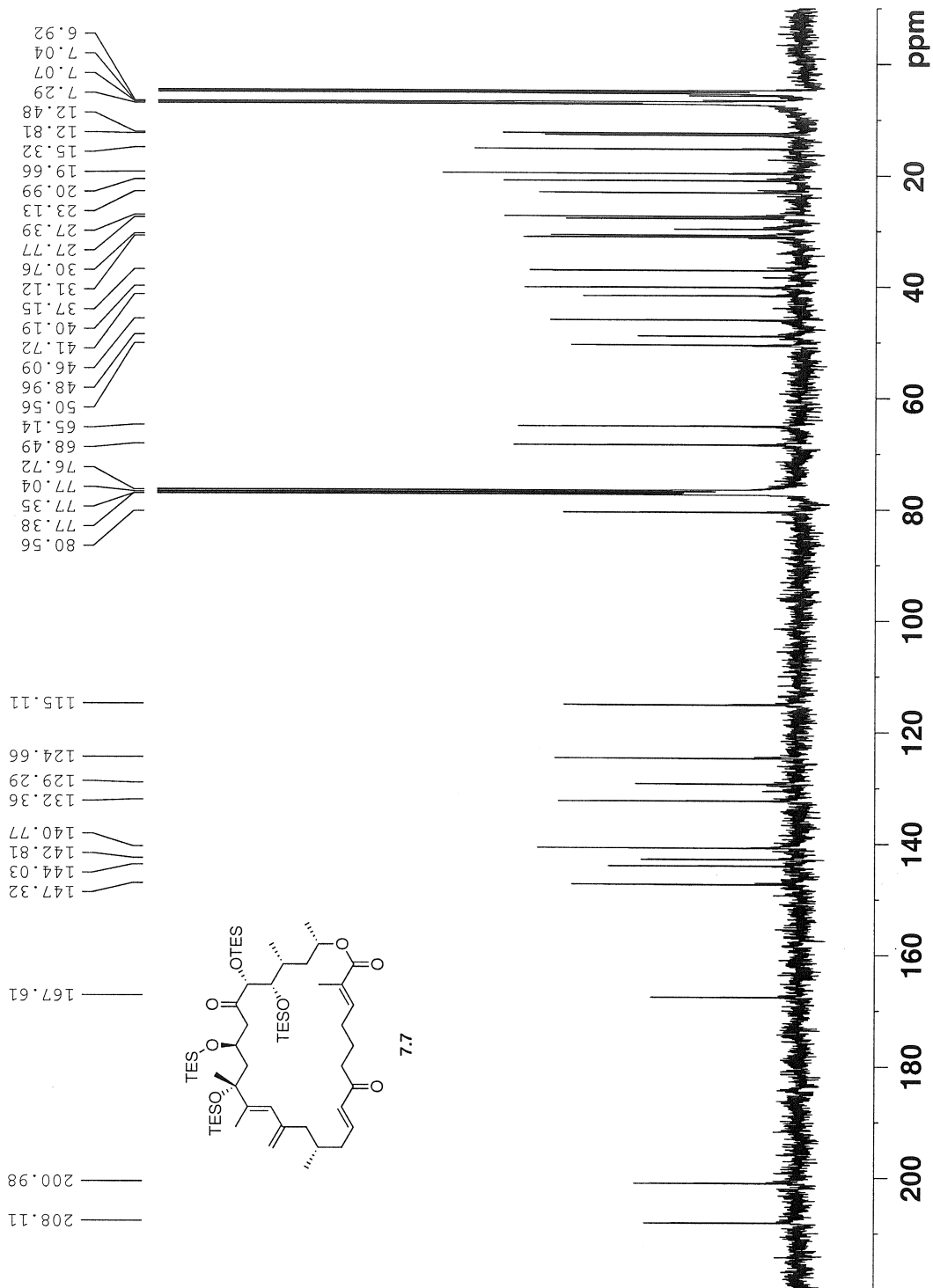
F2 - Acquisition Parameters
Date_        20071023
Time         16.43
INSTRUM     DPX400
PROBHD      5 mm BBO BB-1H
PULPROG     zgpg30
TD          65536
SOLVENT     1107
NS          4
DS         25125.629 Hz
SWH         2323829 Hz
FIDRES     1.3002364 Hz
AQ         9195.02 s
RG         19.800 us
DE         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         -3.00 dB
SFO1        100.5936591 MHz

===== CHANNEL f2 =====
CDEPRG2     wait216
NUC2         1H
PCPD2       135.00 us
PL2         17.40 dB
PL12        17.40 dB
PL13        17.40 dB
SFO2        400.0116000 MHz

F2 - Processing parameters
SI          32768
SF          100.5825950 MHz
WDW         EM
SSB         0
LB          3.00 Hz
GB          0
PC          1.40

```



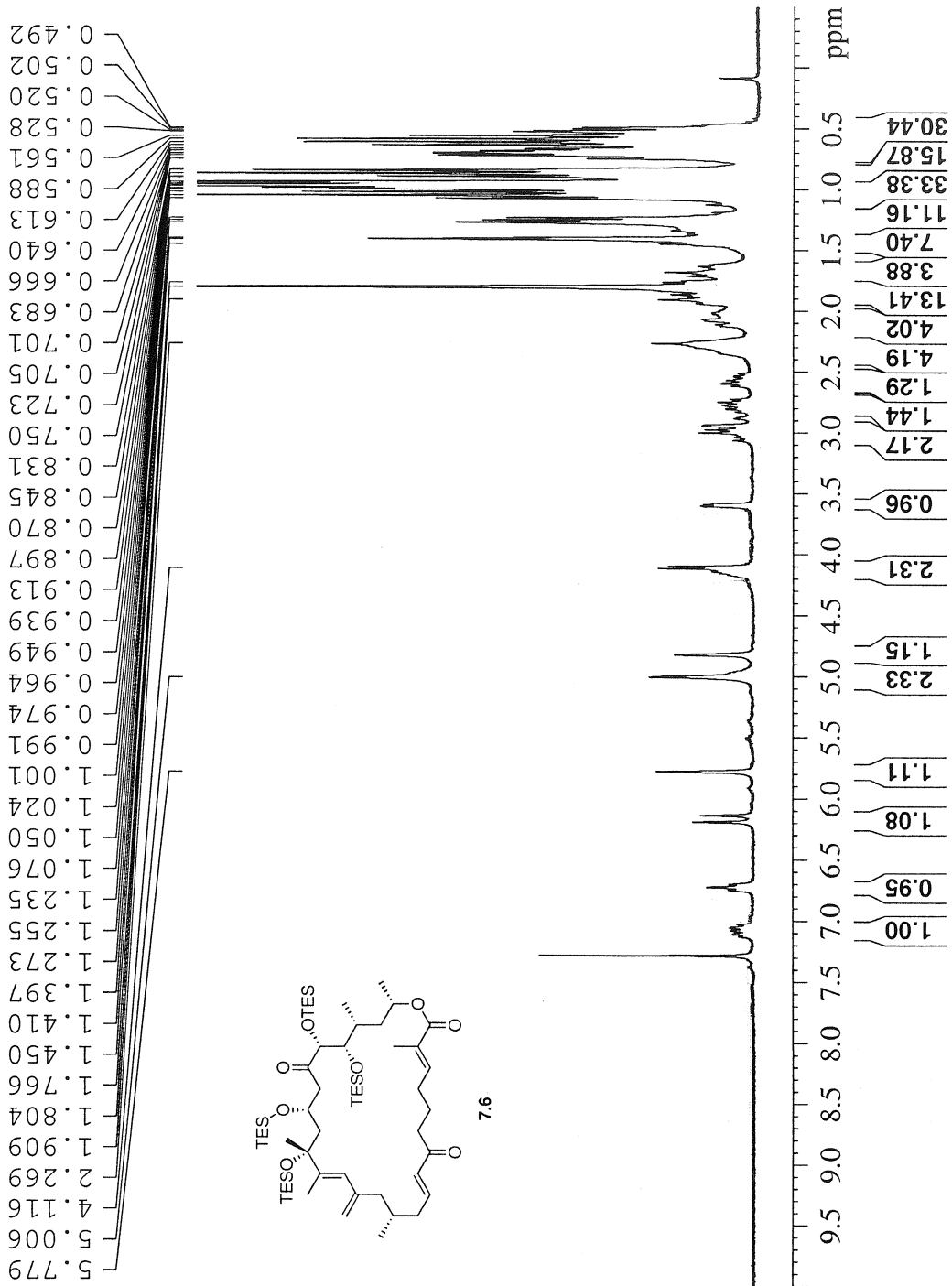

```

Current Data Parameters
NAME      8-18-2
EXPNO    2
PROCNO   1
DU       /h
USER     Liang

F2 - Acquisition Parameters
Date_    20080402
Time     14:11
INSTRUM  DP2
PROBHD   5 mm QNP 1H/1
PULPROG  zgpg30
TD       32768
SOLVENT  CDCl3
DS       2
SWH      4785.272 Hz
FIDRES   0.146157 Hz
AQ       3.4210271 sec
RG       655
DM       104.400 usec
DE       6.00 usec
TE       298.2 K
D1       2.00000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1     1H
P1       0.1H
PL1      -3.00 dB
SFO1     300.1321009 MHz

F2 - Processing Parameters
SI       32768
SF       300.1300000 MHz
WDW      EM
SSB      0
LB       0.00 Hz
GB       0
PC       1.00
    
```



```

Current Data Parameters
NAME      8-18-2
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

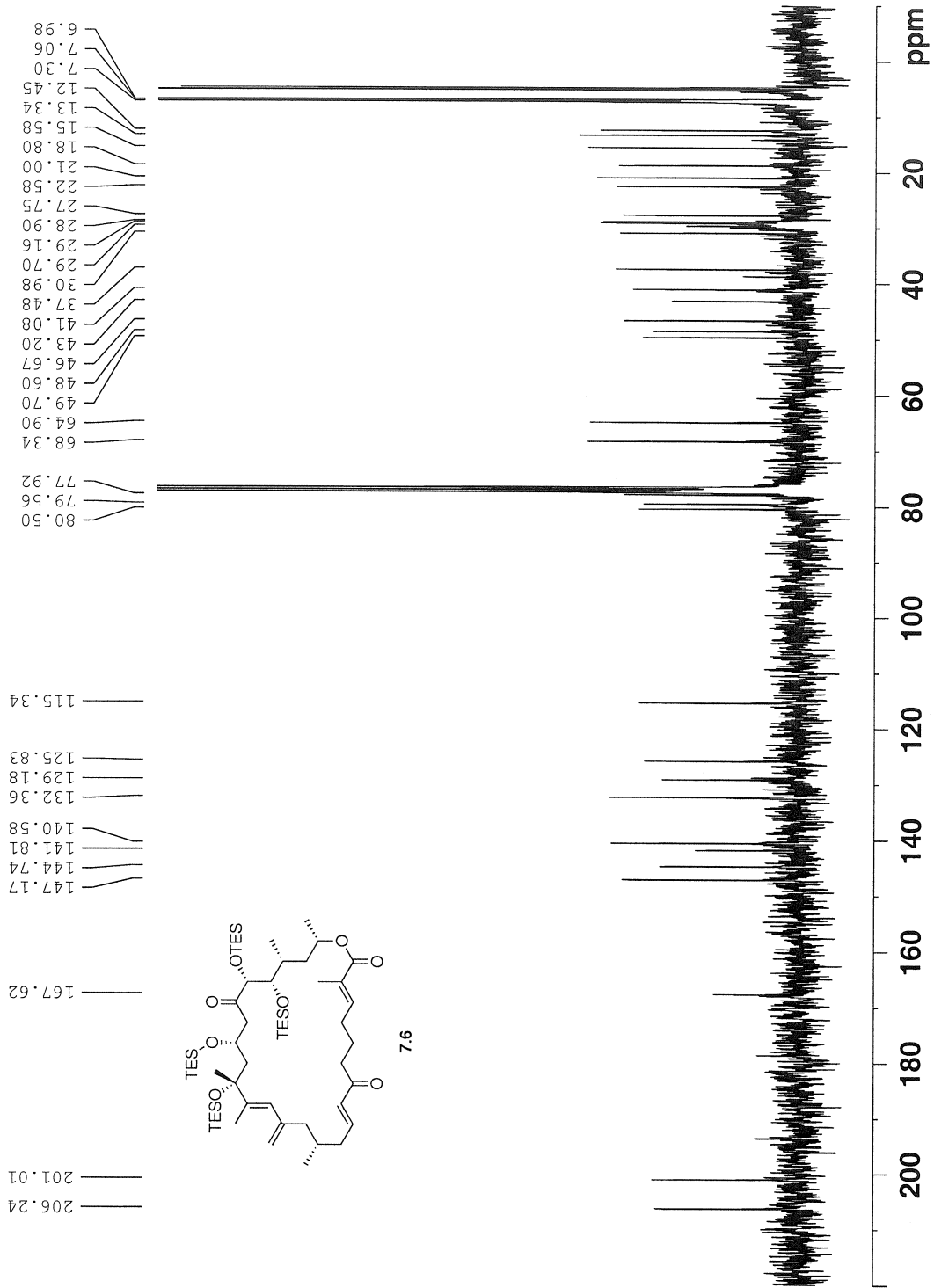
F2 - Acquisition Parameters
Date_    20080402
Time     14.59
INSTRUM  DPX300
PROBHD   5 mm QNP 1H/1
PULPROG  zgpg30
TD       65536
SOLVENT  CDCl3
NS       556
DS       1
SFO1     18832.393 Hz
SFO2     0.287360 Hz
FIDRES   1.7400308 Hz
AQ       1.024
RG       26.550 us
DE       6.00 us
TE       298.2 K
D1       0.15000001 sec
d11      0.03000000 sec
DELTA    0.05000000 sec
TDO      1

===== CHANNEL f1 =====
NUC1     13C
P1       8.80 us
PL1      0.00 dB
SFO1     75.4760505 MHz

===== CHANNEL f2 =====
NUC2     waltz16
PCPD2    80.00 us
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
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40

```



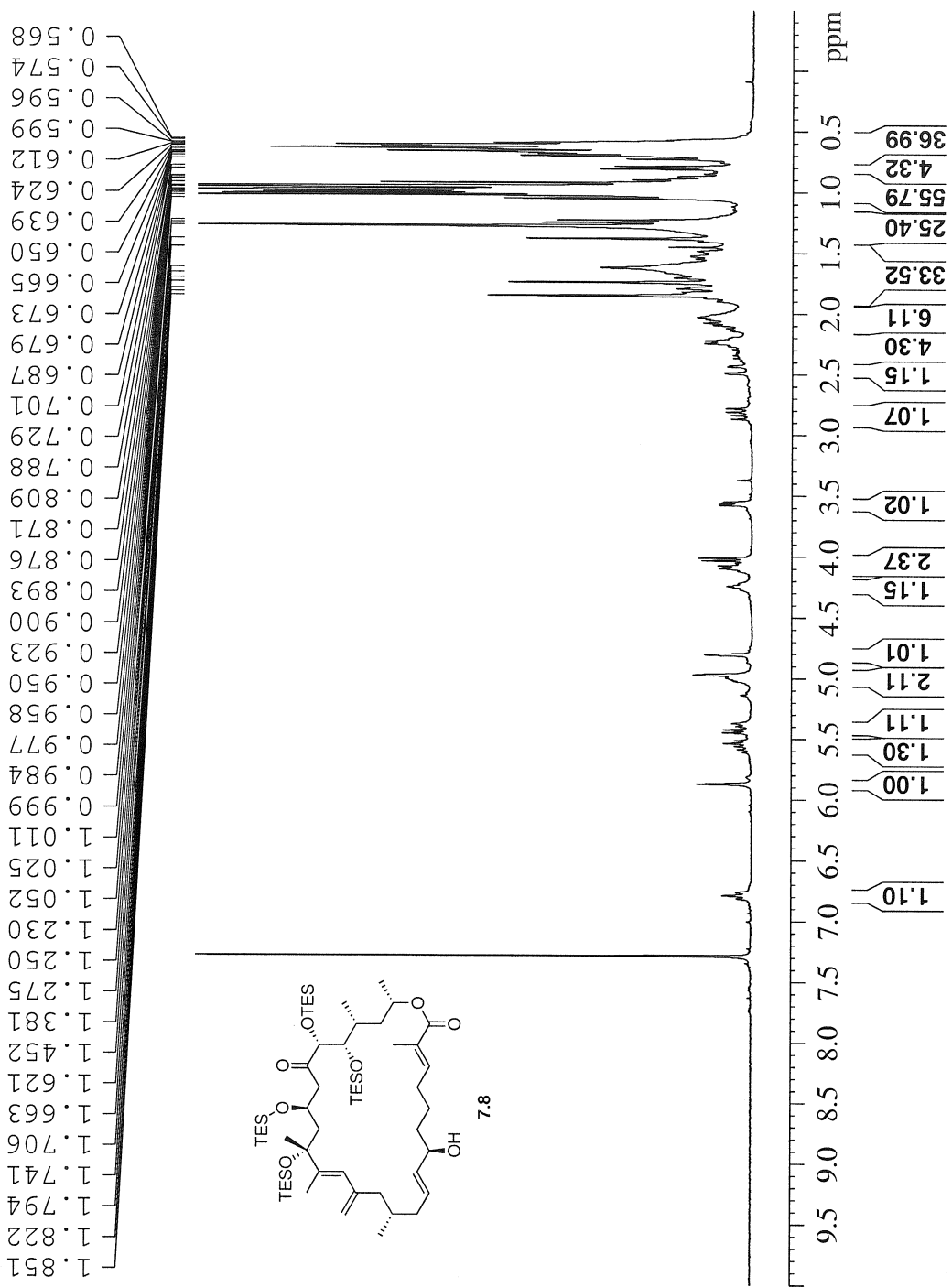
```

Current Data Parameters
NAME      7-01
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20071024
Time     16.05
INSTRUM spect
PROBHD   5 mm QNP
PULPROG zg30
TD       32768
SOLVENT  CDCl3
DS       32
SWH      4789.272 Hz
FIDRES   0.146157 Hz
AQ       3.4210291 sec
RG       104.500 usec
DE       6.00 usec
TE       298.2 K
D1       2.0000000 sec
TD0      1

===== CHANNEL f1 =====
NUC1     1H
P1       9.1H
PL1      2.00 usec
SFO1     300.1321009 MHz

F2 - Processing Parameters
SI       32768
SF       300.1321009 MHz
WDW      EM
SSB      0
LB       0.30 Hz
GB       0
PC       1.00
    
```



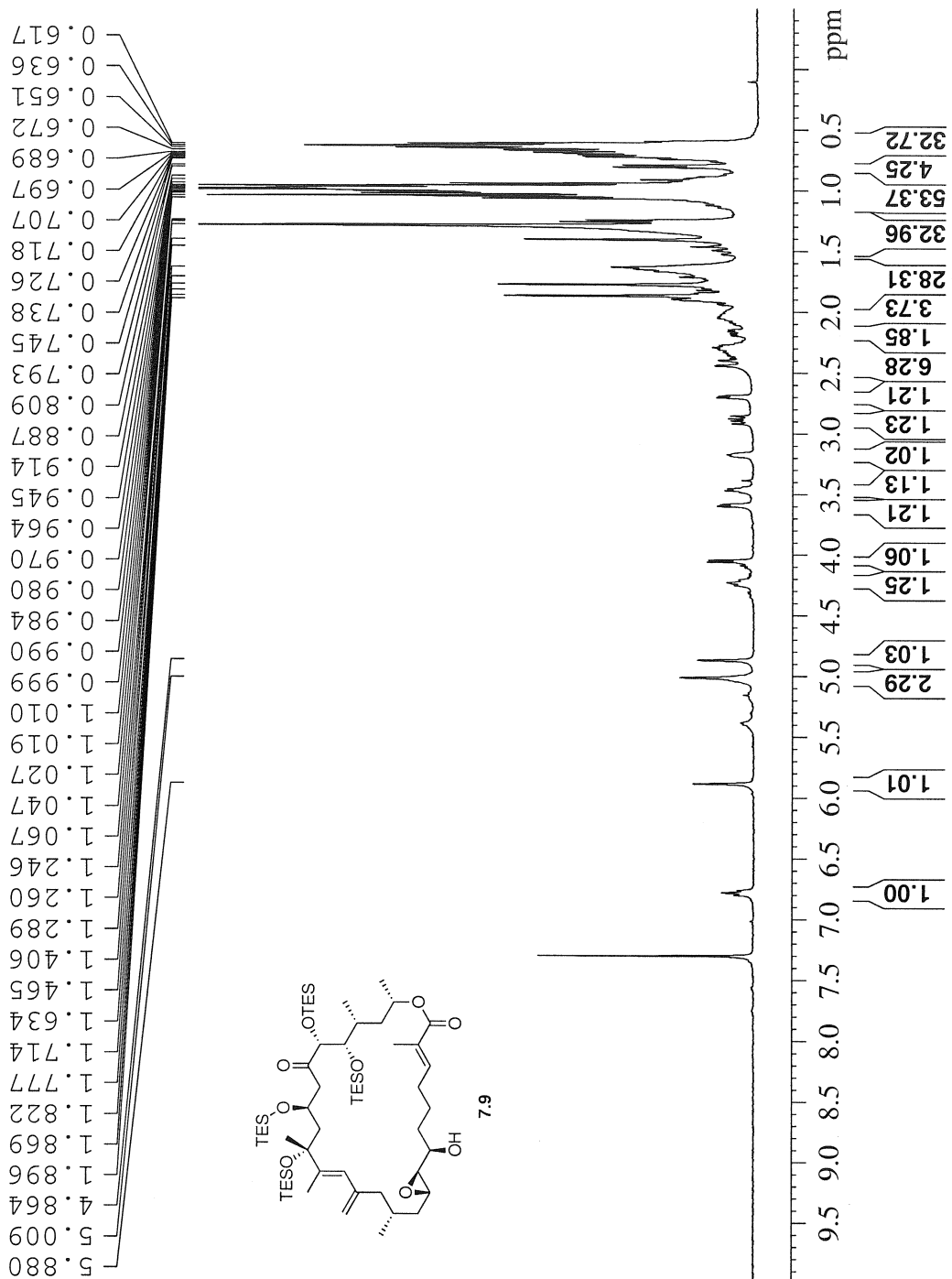

```

Current Data Parameters
NAME          7-1
EXPNO        1
PROCNO       1
DU           /n
USER         Liang

F2 - Acquisition Parameters
Date_        20071104
Time         14.41
INSTRUM      spect
PROBHD       5 mm BBO BB1H
PULPROG      zg30
TD           32768
SOLVENT      CDCl3
NS           32
DS           2
SWH          6410.256 Hz
FIDRES       0.195625 Hz
AQ           2.555940 sec
RG           327.68
WDW          EM
SSB          0
DE           6.00 usec
TE           299.2 K
DQ           2.0000000 sec
TD0          1

===== CHANNEL f1 =====
NUC1         1H
P1           14.70 usec
PL1         -1.50 dB
SFO1        400.0128001 MHz

F2 - Processing parameters
SI           32768
SF          400.0128001 MHz
WDW          EM
SSB          0
LB           0.70 Hz
GB           0
PC           1.00
    
```



```

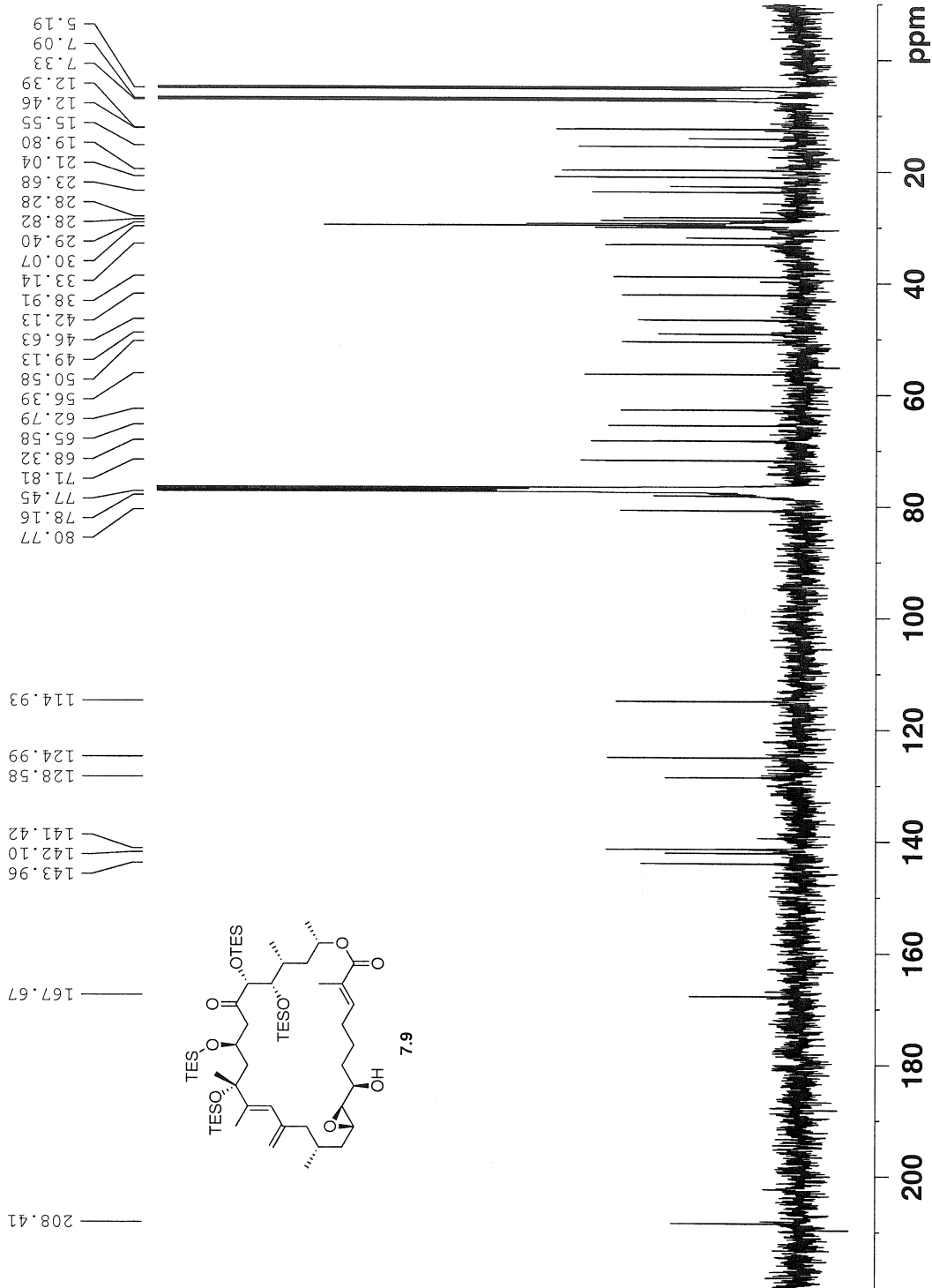
Current Data Parameters
NAME      F-12
EXPNO     2
PROCNO    1
DU        /h
USER      Liang

F2 - Acquisition Parameter
Date_     20071104
Time      14.50
INSTRUM   DPK400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD         65536
SOLVENT    4003
NS         4003
DS         4
SWH        25175.628 Hz
FIDRES     0.383387 Hz
AQ         1.3042164 sec
RG         4597.6
DW         19.900 us
DE         6.00 us
TE         299.2 K
D1         0.15000001 sec
G11        0.03000000 sec
DELTA     0.05000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         7.80 us
PL1        3.00 dB
SFO1       100.5936591 MHz

===== CHANNEL f2 =====
CPDPRG2    waltz16
NUC2       135.00 us
PCPD2      17.40 dB
PL2        17.40 dB
PL12       17.40 dB
PL13       17.40 dB
SFO2       400.0116000 MHz

F2 - Processing parameters
SI         32768
SF         100.5825950 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40
    
```



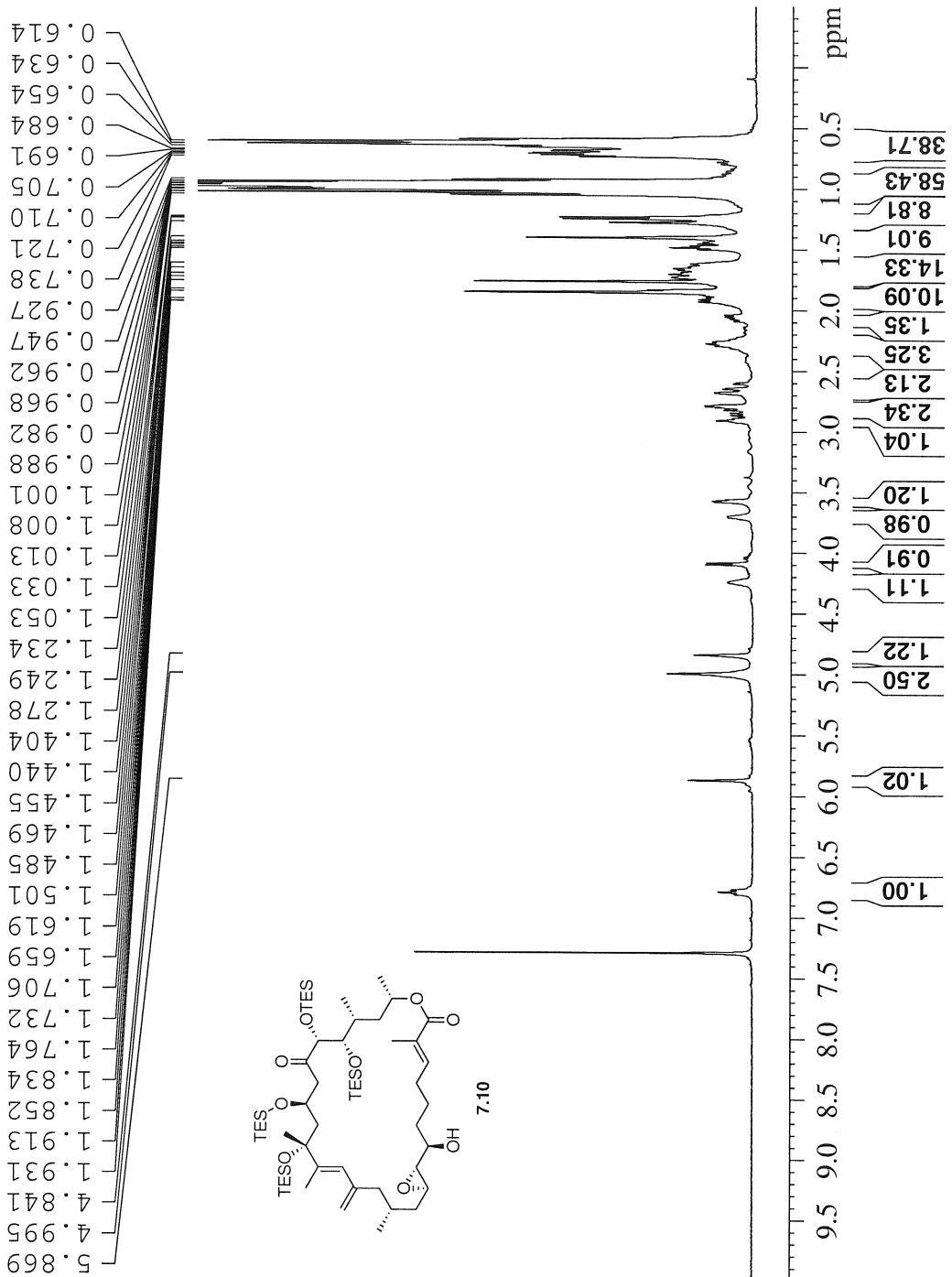
```

Current Data Parameters
NAME      0-1
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20080411
Time     15.14
System   BB-1H
PROBHD   5 mm BBO BB-1H
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
NS       12
DS       2
SMH      6410.256 Hz
FIDRES   0.195625 Hz
AQ       2.5559540 sec
RG        655
DM       78.000 usec
DE       6.00 usec
TE       298.2 K
F1       2.00000000 sec
TD0      1

***** CHANNEL f1 *****
NUC1     1H
P1       14.70 usec
PL1      0.00
SFO1     399.9526000 MHz

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



```

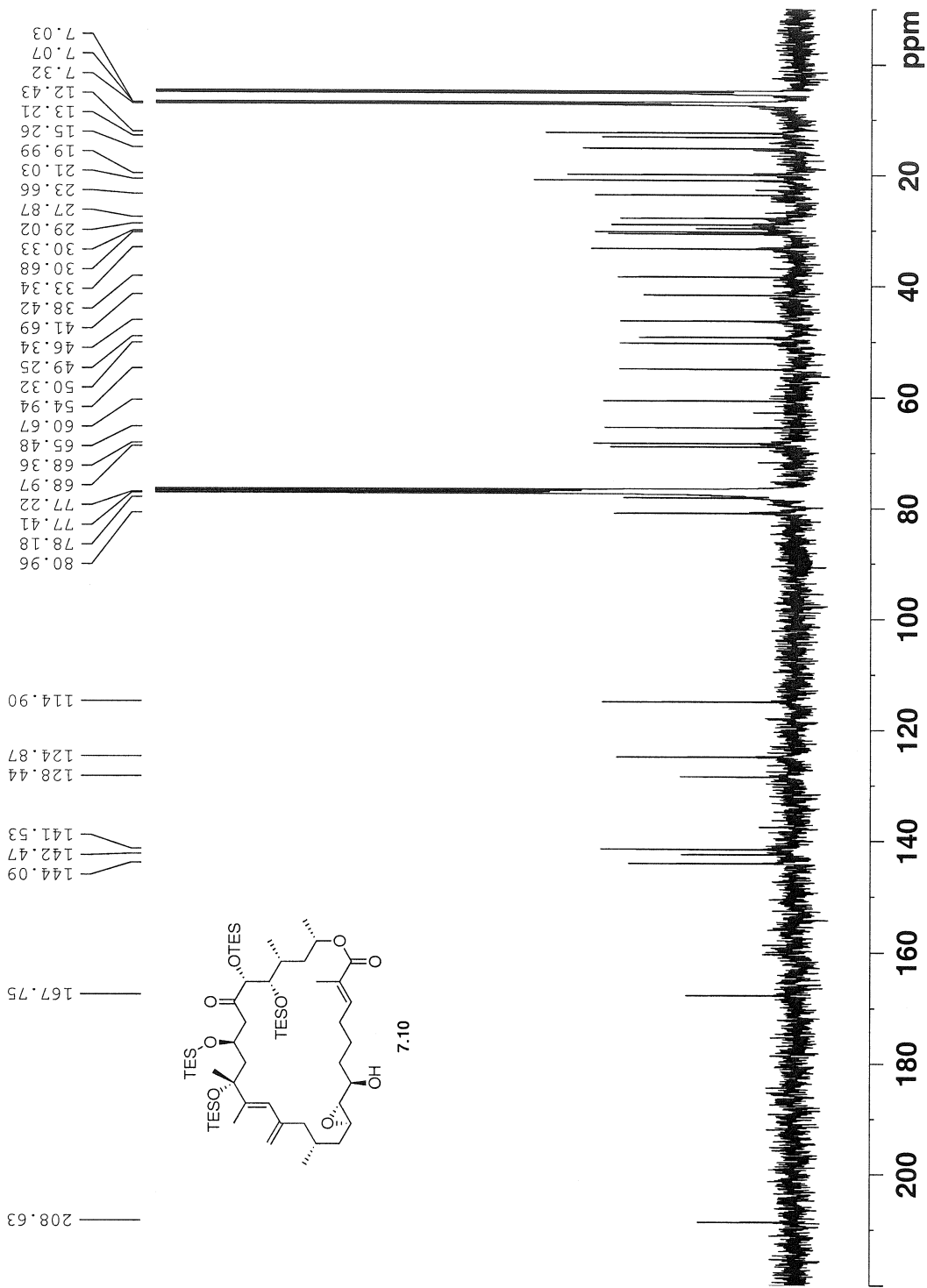
Current Data Parameters
NAME      8-34
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20080411
Time     19.32
INSTRUM  DFX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  4030
NS       4030
DS       2
SWH      25125.629 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 sec
RG       16384
DW       19.900 us
DE       6.00 us
TE       298.2 K
D1       0.15000001 sec
D11      0.03000000 sec
DELTA    0.05000000 sec
TDO      1

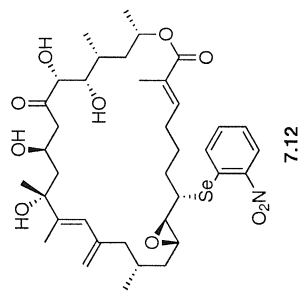
===== CHANNEL f1 =====
NUC1     13C
P1       7.80 us
PL1      -2.00 dB
SFO1     100.5785700 MHz

===== CHANNEL f2 =====
CPDPRG2  waltz16
NUC2     13C
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
WDW      EM
SSB      0
LB       3.00 Hz
GB       0
PC       1.40
  
```



211.11
167.61
149.58
144.37
141.02
133.12
132.48
128.88
128.30
127.01
125.97
125.13
115.04
78.31
77.54
75.33
68.72
68.27
62.31
59.35
46.70
45.68
45.50
43.78
40.45
40.01
32.80
31.62
29.14
29.04
28.06
26.11
21.22
17.73
16.23
15.26
12.48



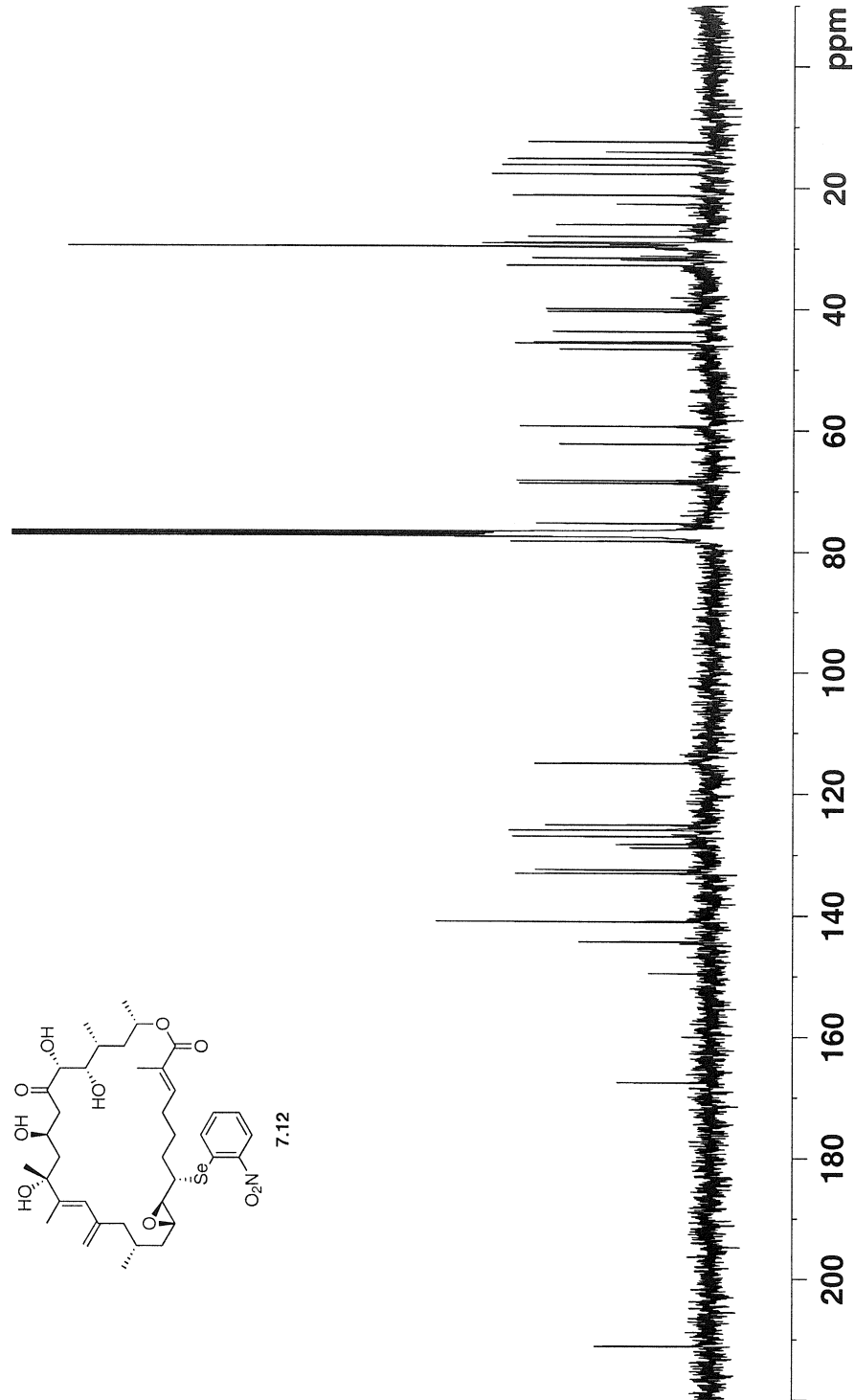
Current Data Parameters
 NAME 7-94
 EXPNO 4
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameters
 Date_ 20080313
 Time 17.32
 INSTRUM DFX400
 PROBED 5 mm BBO BB-1H
 PULPROG zgpg30
 TD 65536
 SOLVENT NS
 DS 4199
 SWH 25125.629 Hz
 FIDRES 0.383387 Hz
 AQ 1.3042164 sec
 RG 16384
 DW 19.900 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 sec
 D11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 PC 7.80 us
 PL1 -3.00 dB
 SFO1 100.5785700 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
 GB 3.00 Hz
 PC 1.40



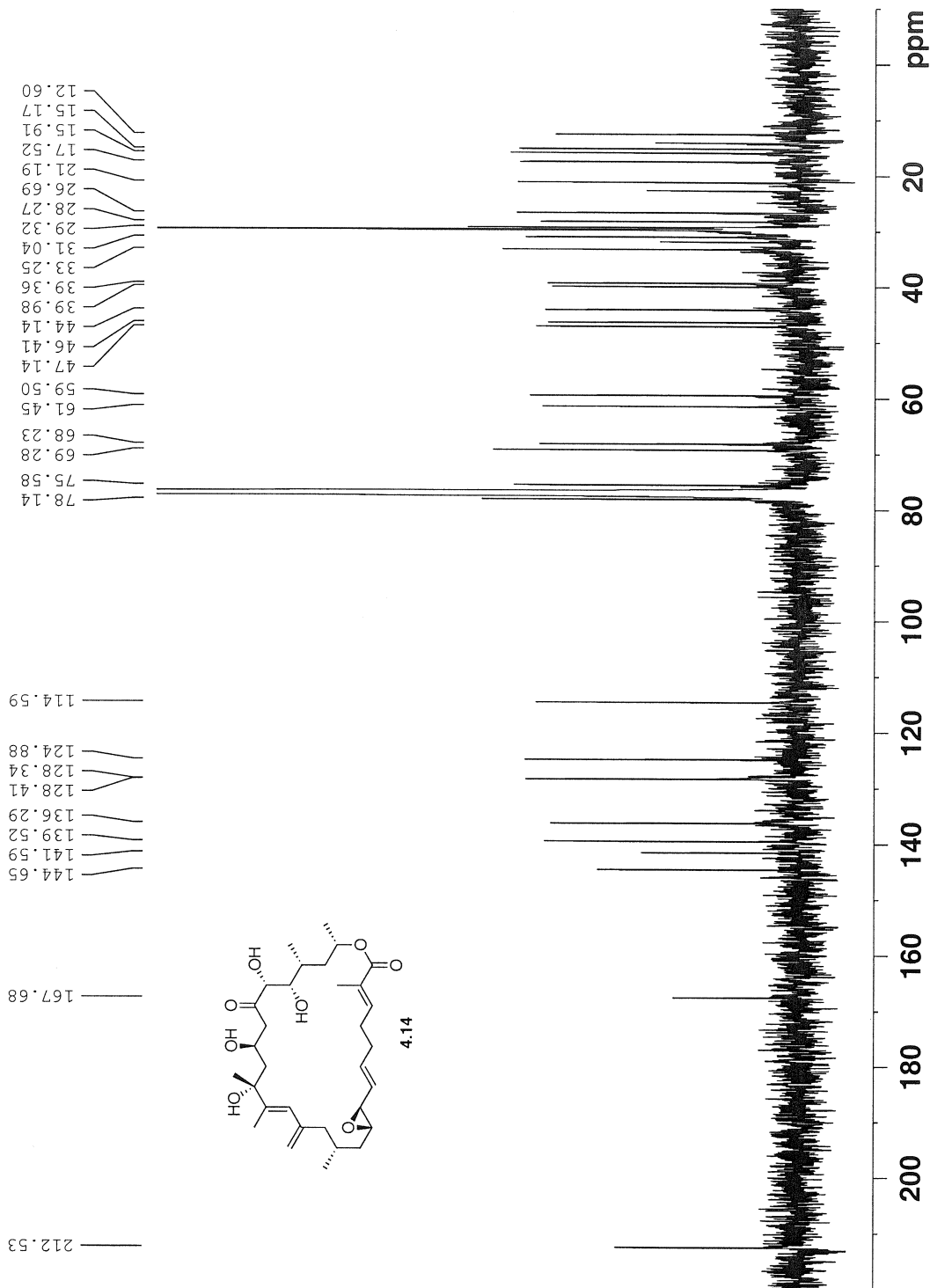

```

Current Data Parameters
NAME       7-95
EXNO      1
PROCNO    /n
DU        Liang
USR      F2 - Acquisition Parameters
Date_     20080313
Time      7.57
INSTRUM   DEX400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD        65536
SOLVENT   22500
NS        22500
DS        4
SFR       25125.624 Hz
FIDRES    0.383387 Hz
AQ        1.3042164 s
RG        5792.6
DM        19.500 us
DE        6.00 us
TE        298.2 K
D1        0.15000001 s
D11       0.03000000 s
DELTA     0.05000000 s
TDO       1

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

===== CHANNEL f2 =====
CQPRG2    waitz16
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
    
```

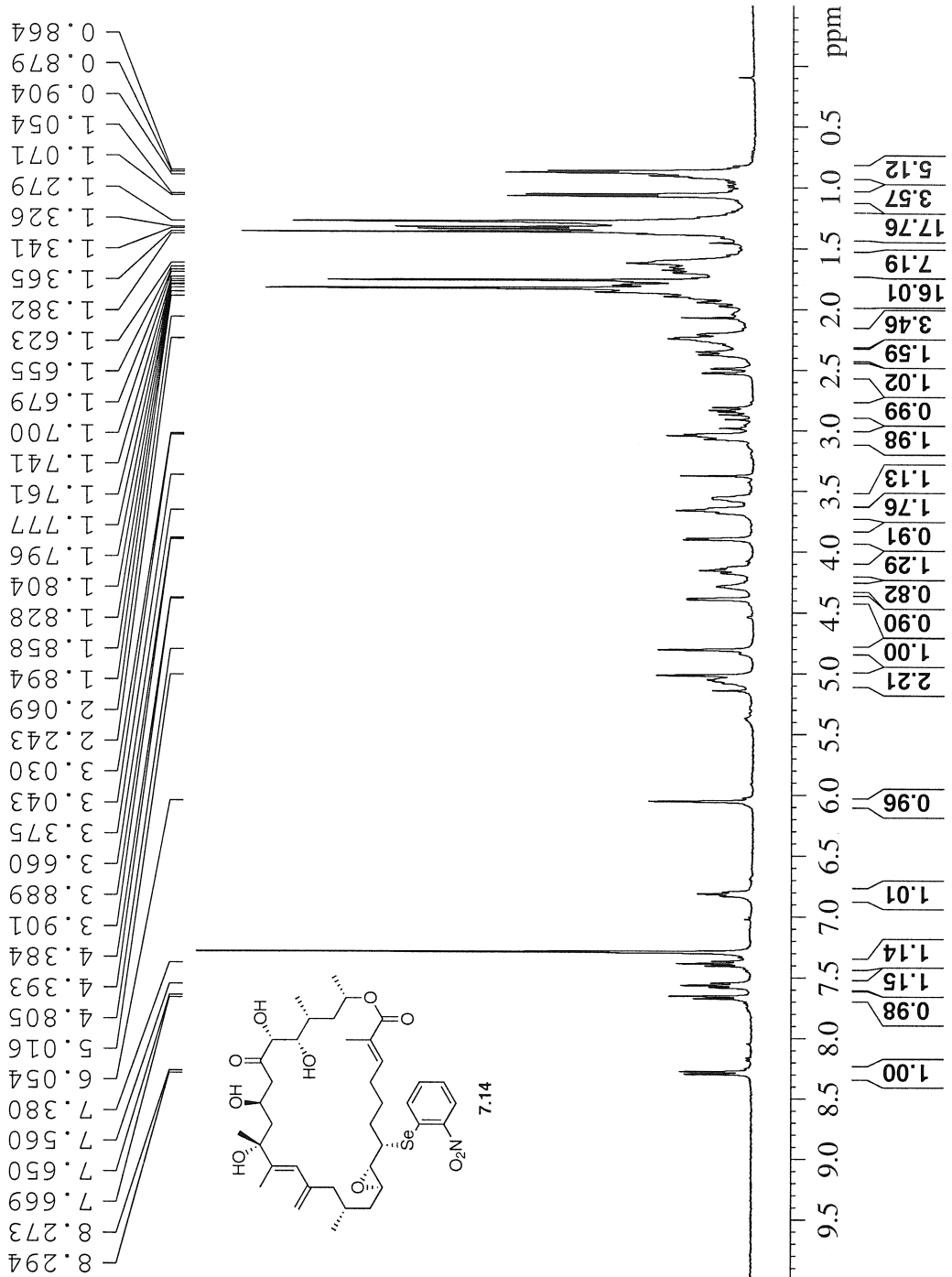


Current Data Parameters
 NAME 0-3
 EXPNO 1
 PROCNO 1
 DU /h
 USER Liang

F2 - Acquisition Parameters
 Date_ 20080413
 Time 23.34
 FROM 19.84
 PRGHD 5 mm BBO BB-1H
 PULPROG zg30
 TD 32768
 SOLVENT CDCl3
 NS 2
 DS 2
 SWH 6410.256 Hz
 FIDRES 0.195625 Hz
 AQ 2.555940 sec
 RG 220.000 usec
 DW 78.000 usec
 DE 6.00 usec
 TE 298.2 K
 TL 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
 WDM EM
 SSB 0
 LB 0.70 Hz
 GB 0
 PC 1.00



Current Data Parameters

NAME	8-36
EXPNO	5
PROCNO	1
DU	/n
USER	Liang

F2 - Acquisition Parameters

Date_	20080413
Time	23:50
INSTRUM	DPX400
PROBHD	5 mm BBO BB-1H
PULPROG	zgpg30
PC	65536
SOLVENT	
NS	19205
DS	
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 =====

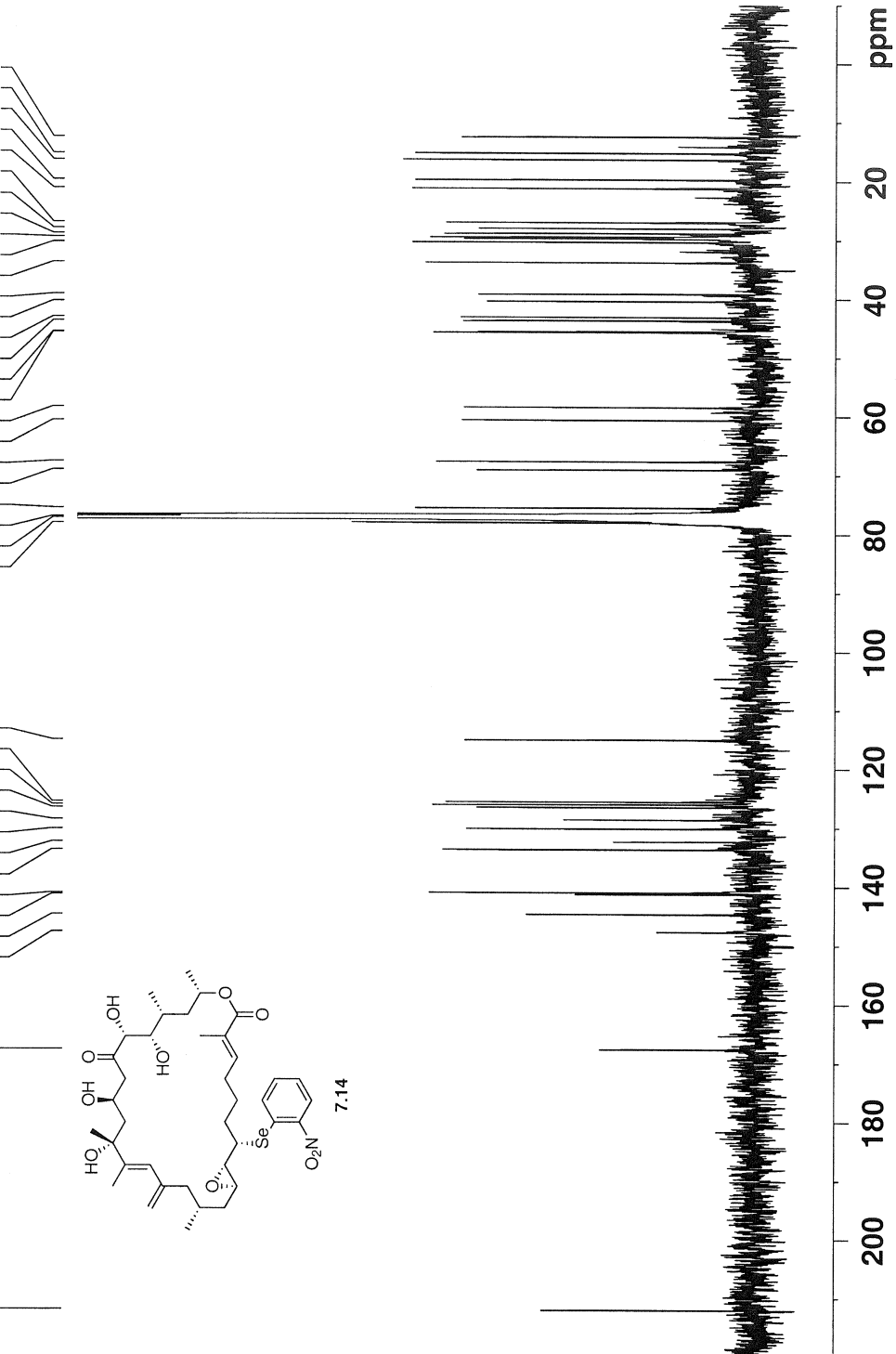
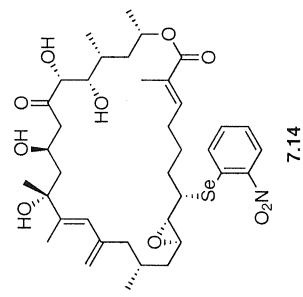
NUC1	13C
PL1	7.80 us
PL2	7.80 us
SFO1	100.5785700 MHz

==== CHANNEL f2 =====

CPDPRG2	waltz16
NUC2	1H
PCPD2	135.00 us
PL2	17.40 us
PL12	17.40 us
PL13	17.40 us
SFO2	399.9616000 MHz

F2 - Processing parameters

SI	32768
SF	100.5675080 MHz
WDW	EM
SSB	0
CB	3.00 Hz
CF	0
PC	1.40



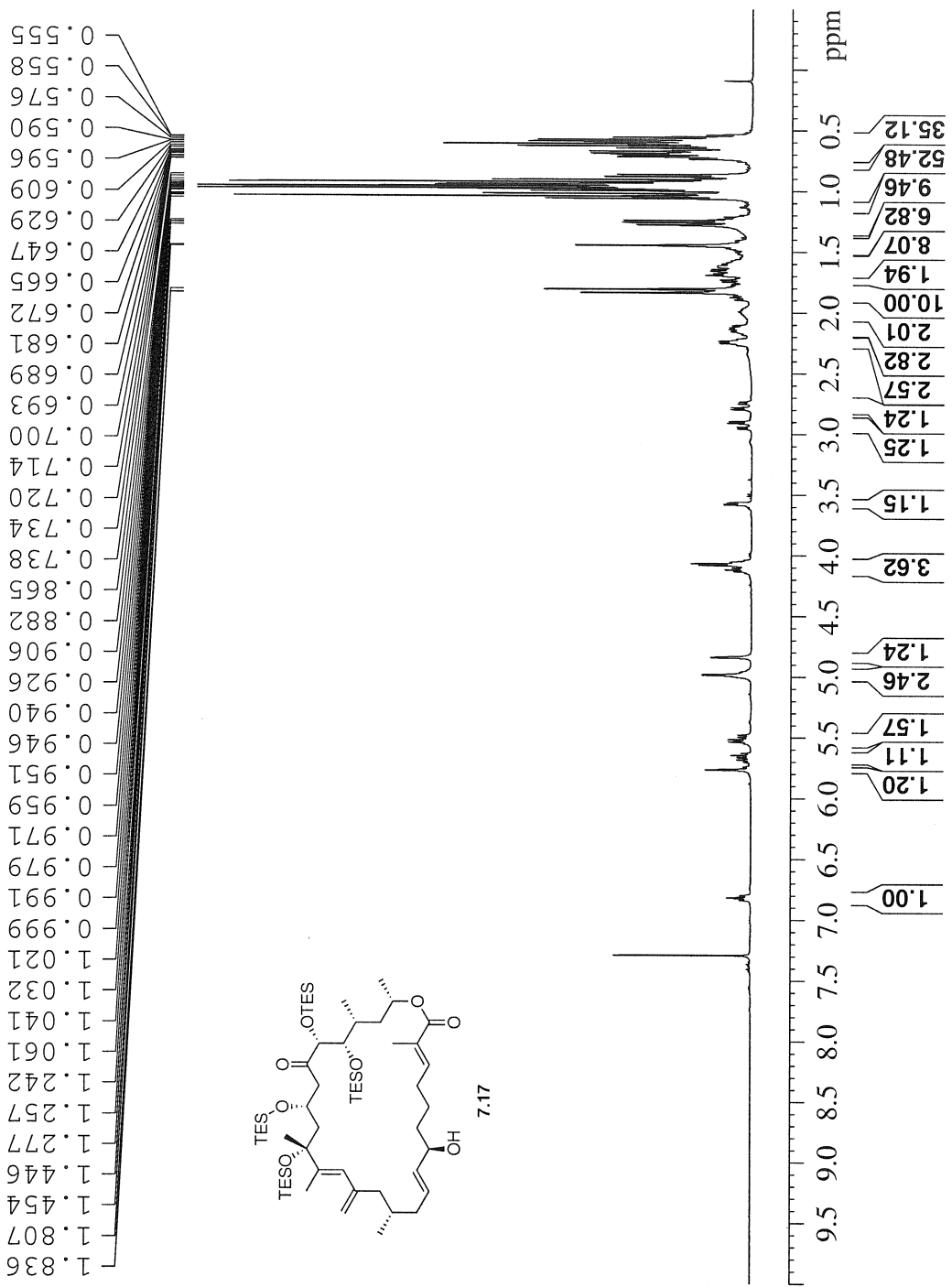

```

Current Data Parameters
NAME          8-21
EXPNO        1
PROCNO       1
DU           /n
USER         Liang

F2 - Acquisition Parameters
Date_        20080402
Time         19.48
Name        8-21
PULPROG     zg30
PROBHD      5 mm BBO BB-1H
TD          32768
SOLVENT     CDCl3
DS          2
SMH         6410.256 Hz
FIDRES     0.195625 Hz
AQ         2.5599540 sec
RG         655.000
DM         78.000 usec
DE         6.00 usec
TE         298.2 K
D1         2.00000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1        1H
P1          14.00 usec
PL1         0.00
SFO1        399.9528000 MHz

F2 - Processing Parameters
SI          32768
SF          399.9500000 MHz
MEM         no
SSB         no
LB          0.00 Hz
GB          0
PC          1.00
    
```



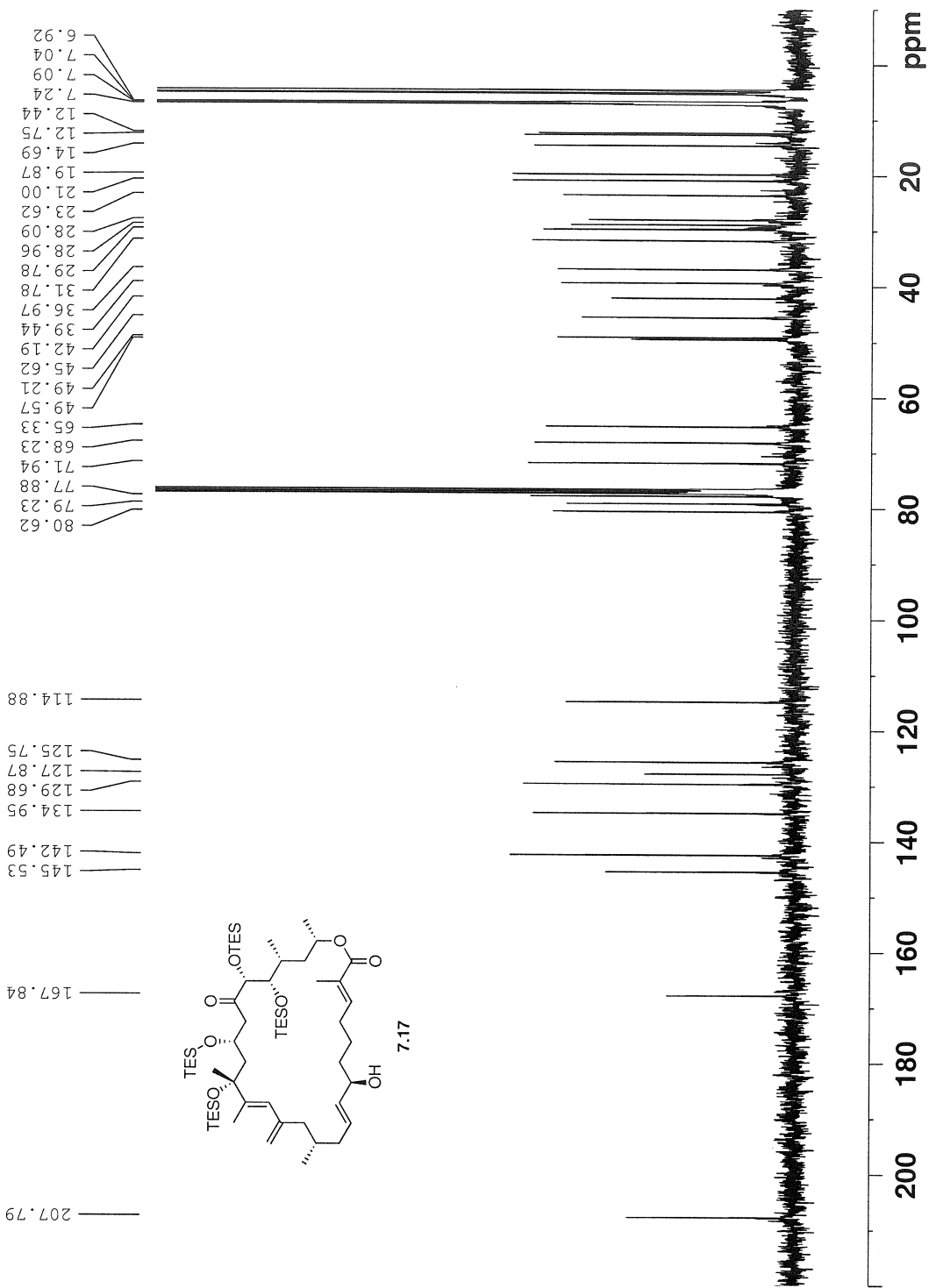
```

Current Data Parameters
NAME      8-20
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters:
Date_    20080402
Time     20.03
INSTRUM  DFX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  1737
DS       4
SWH      25125.629 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 sec
RG       4597.6
DE       19.900 us
TE       6.00 us
D1       288.2 K
D11      0.15000001 sec
DELTA    0.03000000 sec
TD0      0.05000000 sec
===== CHANNEL f1 =====
NUC1     13C
P1       7.80 us
PL1      -1.00 dB
SFO1     100.5785700 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
WDW      100.5675080 MHz
SSB      EM
LB       0
GB       0
PC       3.00 Hz
1.40
    
```



6.92
7.04
7.09
7.24
12.44
12.75
14.69
19.87
21.00
23.62
28.09
28.96
29.78
31.78
36.97
39.44
42.19
45.62
49.21
49.57
65.33
68.23
71.94
77.88
79.23
80.62

114.88
125.75
127.87
129.68
134.95
142.49
145.53

167.84
207.79

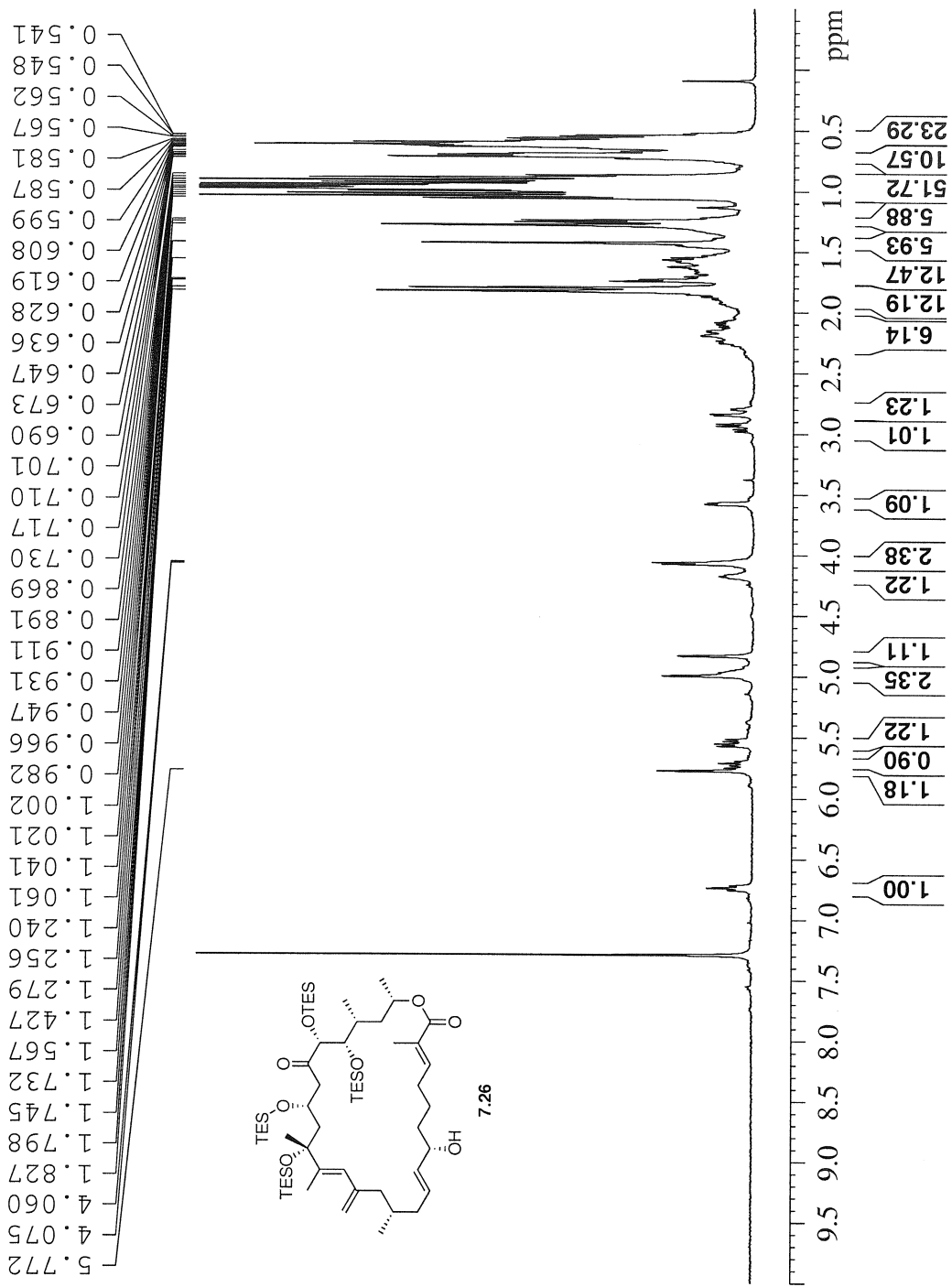
ppm
20
40
60
80
100
120
140
160
180
200

```

Current Data Parameters
Date_ 20080421
Time 17.57
INSTRON DPM400
PROBHD 5 mm BBO ZG30
PULPROG zgpg30
TD 32768
SOLVENT CDCl3
DS 19
NS 19
SOH 6410.256 Hz
FIDRES 0.195625 Hz
AQ 2.5559540 sec
RG 78.1801 usec
DE 6.00 usec
TE 298.2 K
D1 2.00000000 sec
TDO 1

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

F2 - Processing parameters
SI 32768
SF 399.95000000 MHz
WDW EM
SSB 0
LB 0
GB 0
PC 1.00
    
```



```

Current Data Parameters
NAME      8-70
EXPNO    8
PROCNO   1
DU       1
USER     Liang

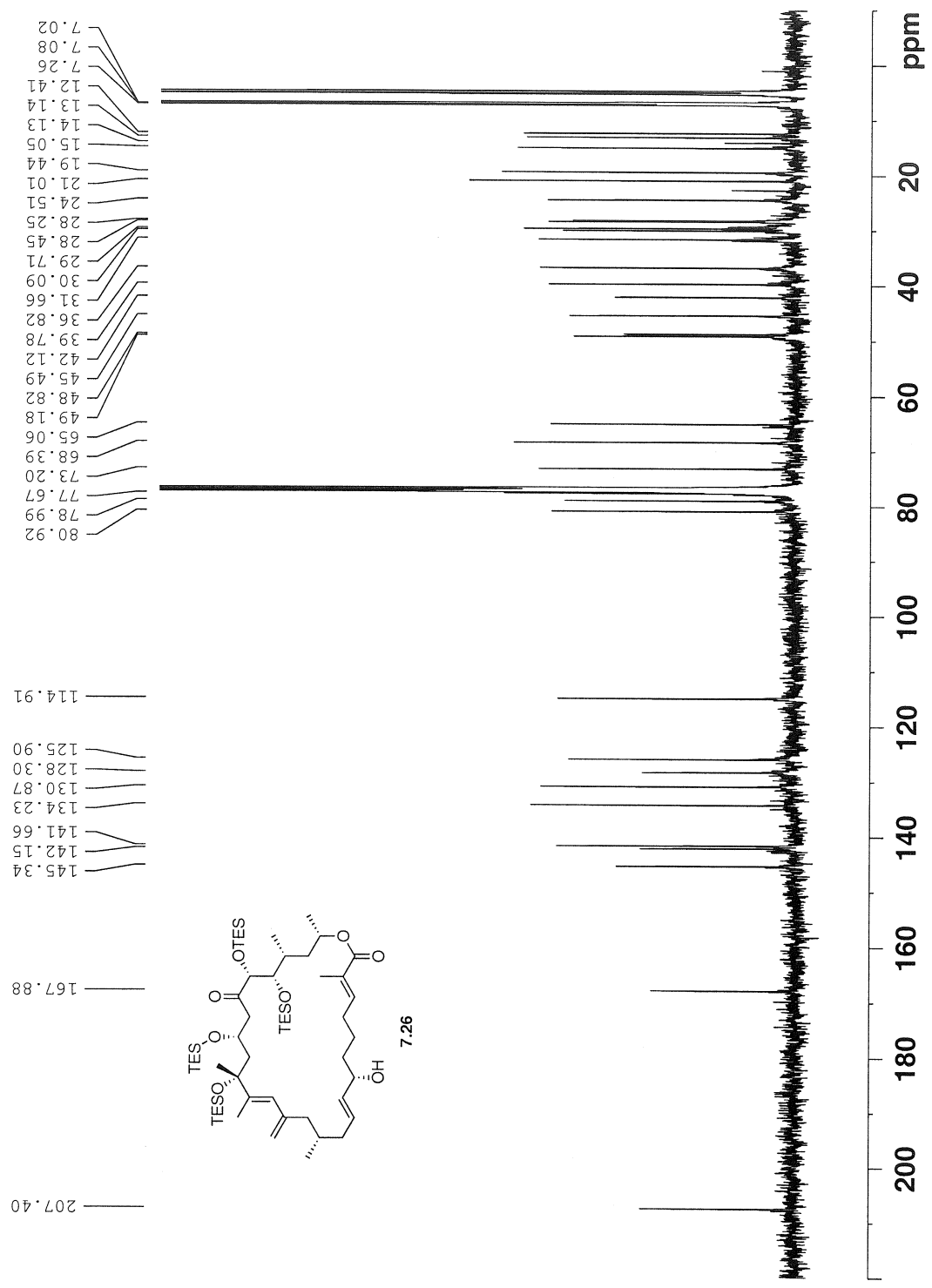
F2 - Acquisition Parameters
Date_    20080421
Time     21.52
INSTRUM  DPX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD        65536
SOLVENT  CDCl3
NS        24500
DS        4
SWH       25125.639 Hz
AQ        0.3753927 Hz
RG        1.3002164 Ss
RC        96491
DE        19.900 us
TE        298.2 K
D1        0.15000001 s
D11       0.03000000 s
DELTA    0.05000000 s
TD0       1

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

===== CHANNEL f2 =====
NUC2      1H
P2        13.500 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

```



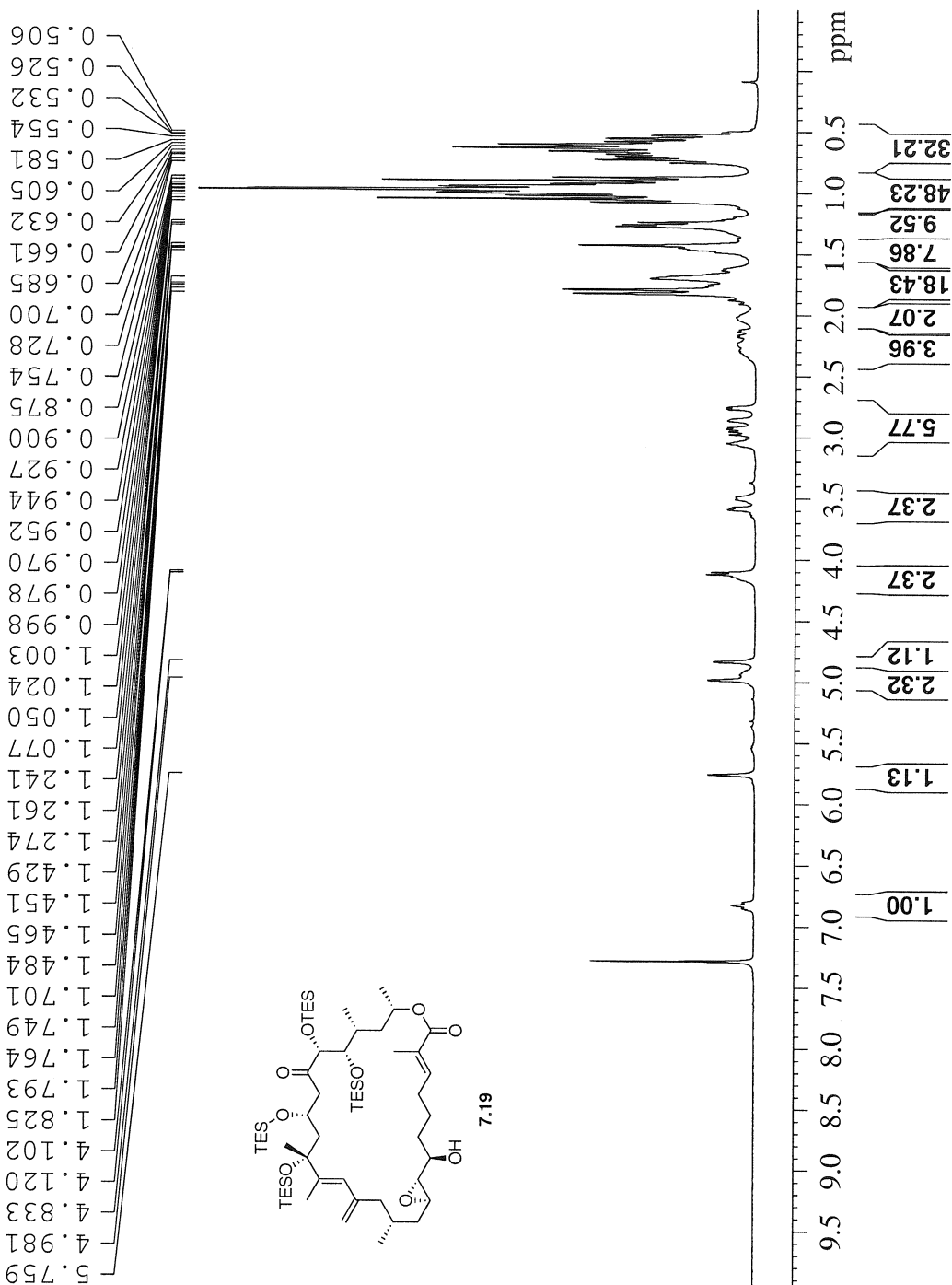
```

Current Data Parameters
NAME      8-22
EXPNO    2
PROCNO   1
DI       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20080403
Time     22:50
INSTRUM  spect
PROBHD   5 mm QNP 1H/1
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
DS       32
SS       2
SMH      4789.272 Hz
FIDRES   0.146157 Hz
AQ       3.422031 sec
RG       300
DM       104.400 usec
DE       6.00 usec
TE       298.2 K
TD0      2.0000000 sec

===== CHANNEL f1 =====
NUC1     1H
P1       9.1H usec
PL1      -3.00 dB
SFO1     300.1321009 MHz

F2 - Processing parameters
SF       300.1300000 MHz
WDW      EM
SSB      0
GB       0
PC       1.00
    
```



```

Current Data Parameters
NAME      8-22
EXPNO    4
PROCNO   1
DU        /h
USER      Liang

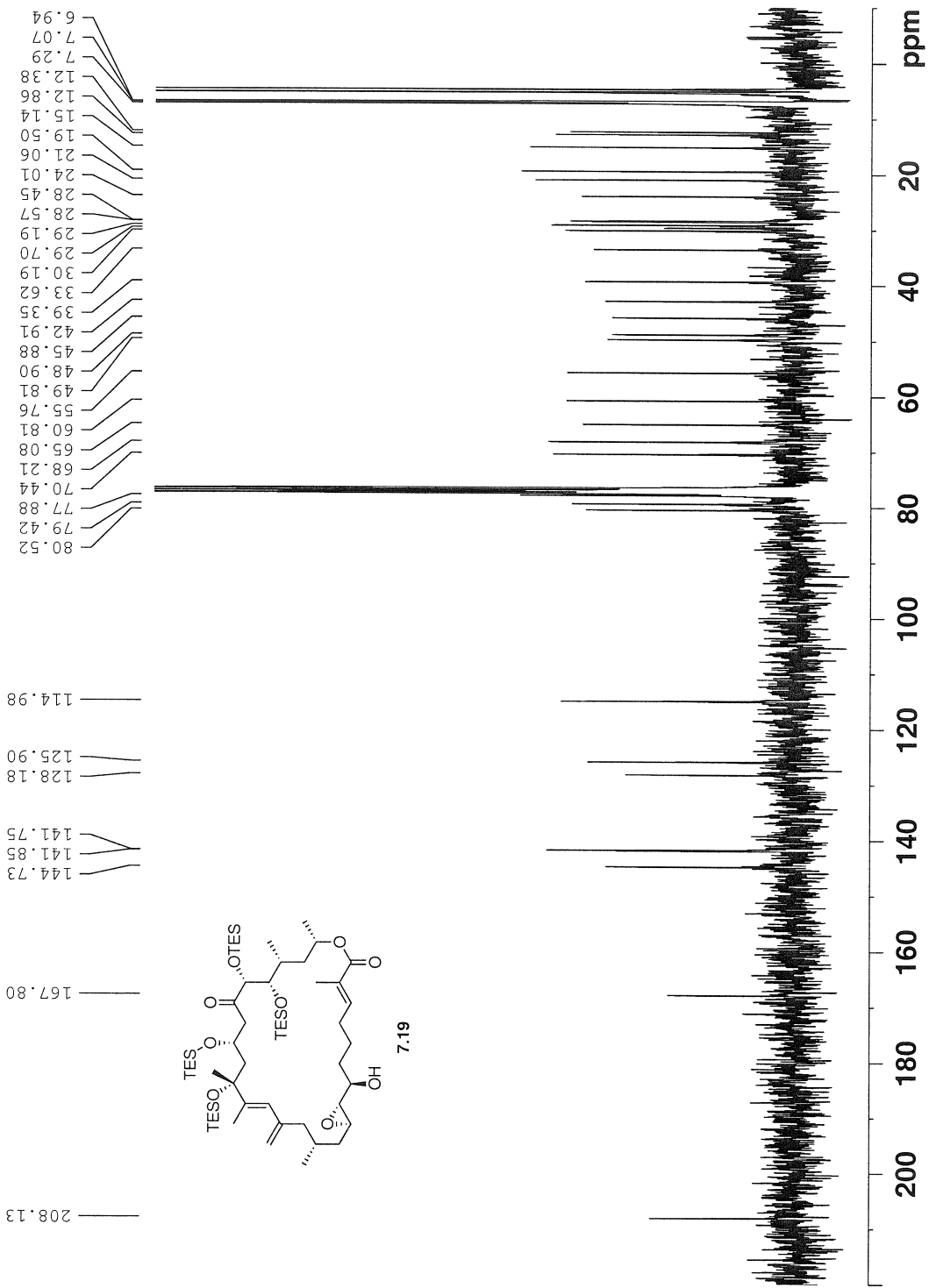
F2 - Acquisition Parameters:
Date_    20080403
Time     23.05
INSTRUM  DFX300
PROBHD   5 mm QNP 1H/1
PULPROG  zgpg30
GAMES   GC16
SOLVENT  CDCl3
NS       1394
DS
SMH      18832.393 Hz
FIDRES   0.287360 Hz
AQ        1.7400308 sec
RG        812.7
DW        26.550 us
DE        6.00 us
TE        298.2 K
D1        0.15000001 sec
G11       0.03000000 sec
DELTA    0.05000000 sec
TD0       1

===== CHANNEL f1 =====
NUC1      13C
P1        8.00 us
PL1       -3.00 dB
SFO1      75.476505 MHz

===== CHANNEL f2 =====
CPDPRG2   waltz16
NUC2      1H
PCPD2     80.00 us
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
WDW       EM
SSB       0
LB        3.00 Hz
GB        0
PC        1.40

```



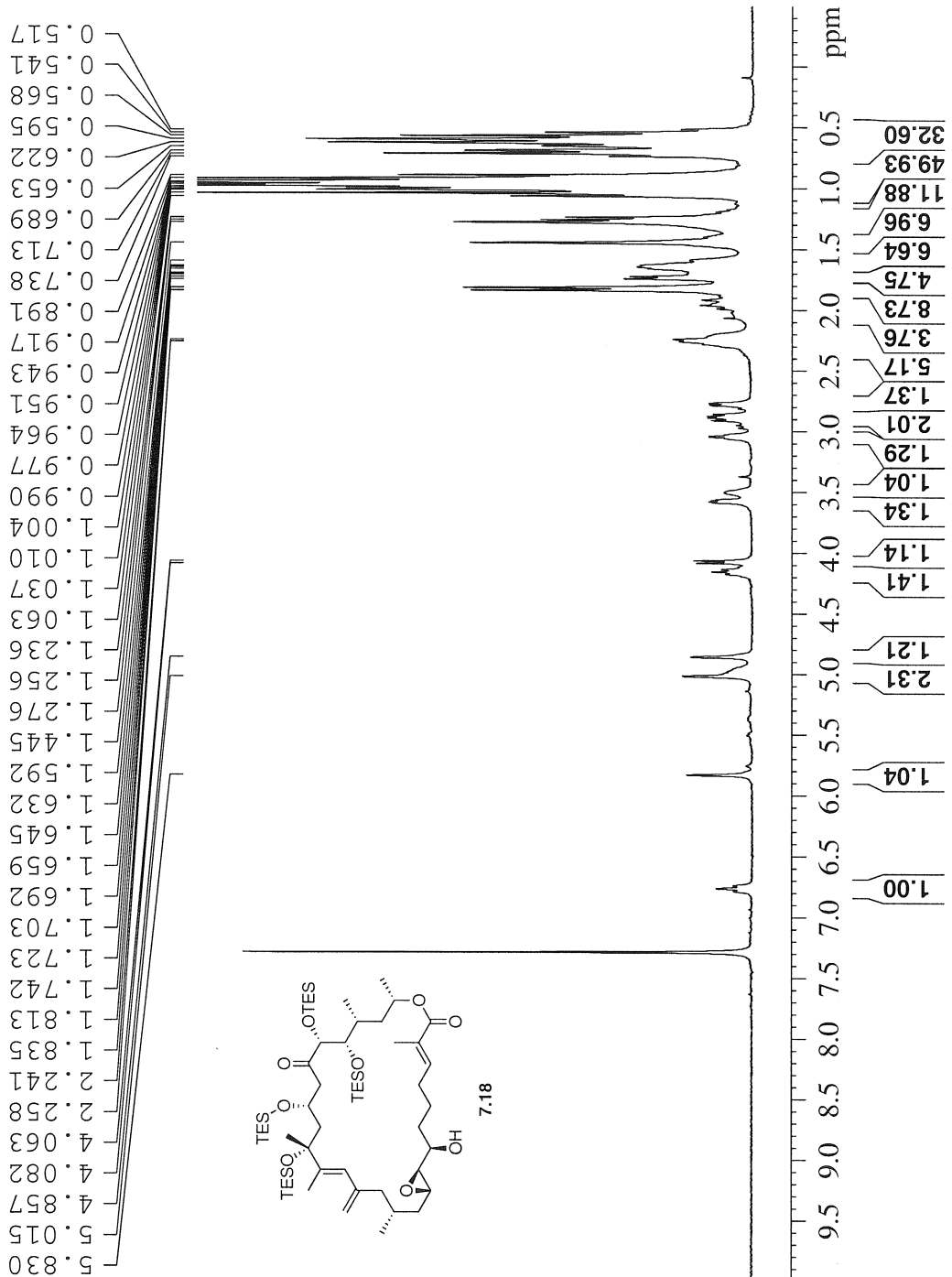
```

Current Data Parameters
NAME          8-22-2
EXPNO         1
PROCNO        1
DU            /h
USER          Liang

F2 - Acquisition Parameters
Date_         20080406
Time         12.03
INSTRUM      spect
PROBHD       5 mm QNP 1H/1
PULPROG      zg30
TD           32768
SOLVENT      CHCl3
DS           1
NS           12
SMH          4789.272 Hz
FIDRES       0.146157 Hz
AQ           3.422291 sec
RG           104.400 usec
DE           6.00 usec
TE           298.2 K
D1           2.00000000 sec
TDO          1

===== CHANNEL f1 =====
NUC1          1H
P1            9.00 usec
PL1          -1.00 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
    
```



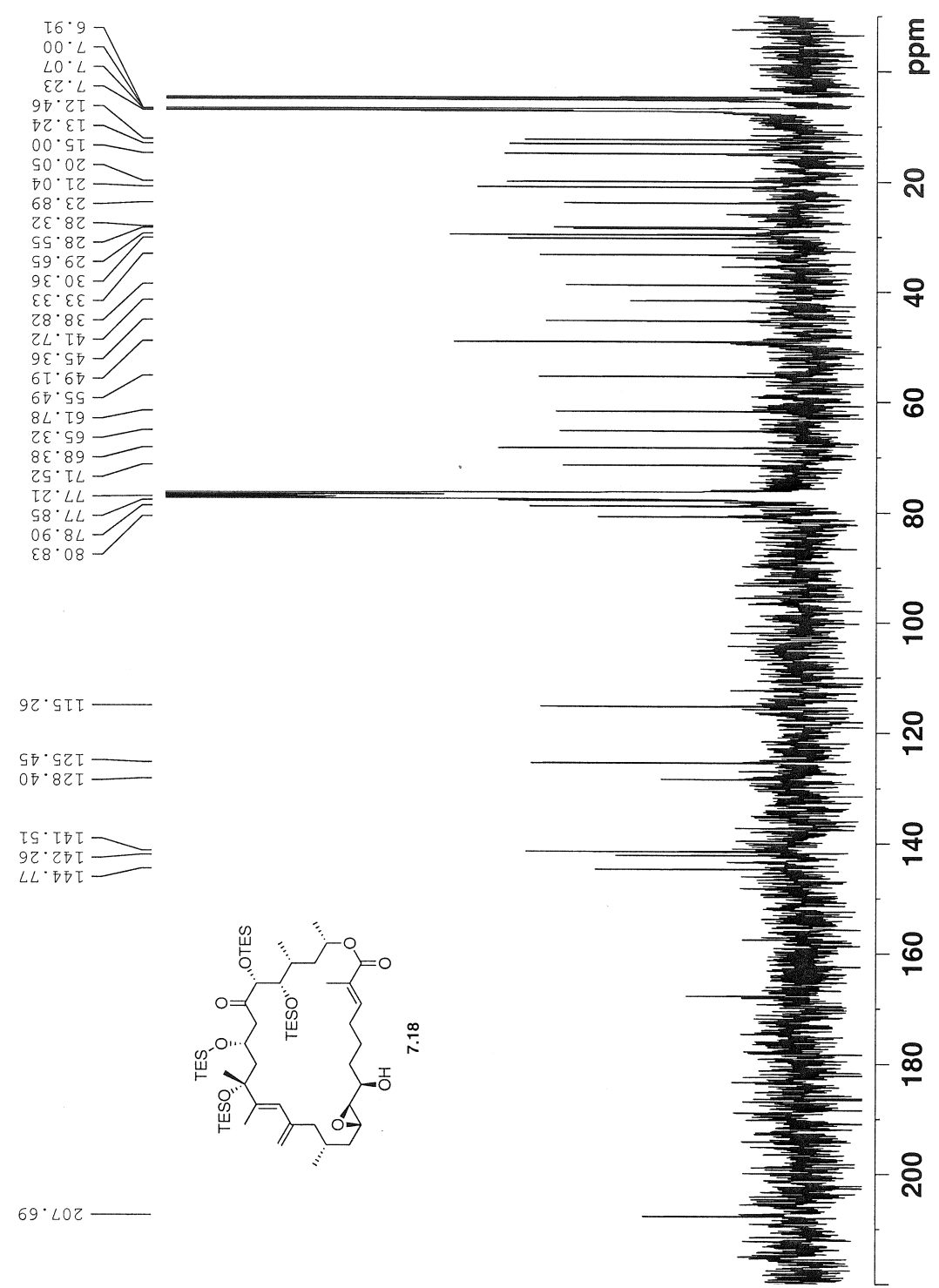
Current Data Parameters
 NAME 8-22-2
 EXPNO 3
 PROCNO 1
 DU /n
 USER Liang

F2 - Acquisition Parameter
 Date_ 20080406
 Time 12.20
 INSTRUM DFX300
 PROBHD 5 mm QNP 1H/1
 PULPROG zgpg30
 TD 65536
 SOLVENT CDC13
 NS 3364
 DS
 SWH 18832.393 Hz
 FIDRES 0.287360 Hz
 AQ 1.7400308 sec
 RG 912.3
 DW 26.550 us
 DE 6.00 us
 TE 298.2 K
 D1 0.15000001 sec
 g11 0.03000000 sec
 DELTA 0.05000000 sec
 TDO 1

==== CHANNEL f1 =====
 NUC1 13C
 P1 8.80 us
 PL1 -3.00 dB
 SFO1 75.4760505 MHz

==== CHANNEL f2 =====
 CPDPRG2 waltz16
 NUC2 1H
 PCPD2 80.00 us
 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
 WDW EM
 SSB 0
 LB 3.00 Hz
 GB 0
 FC 1.40



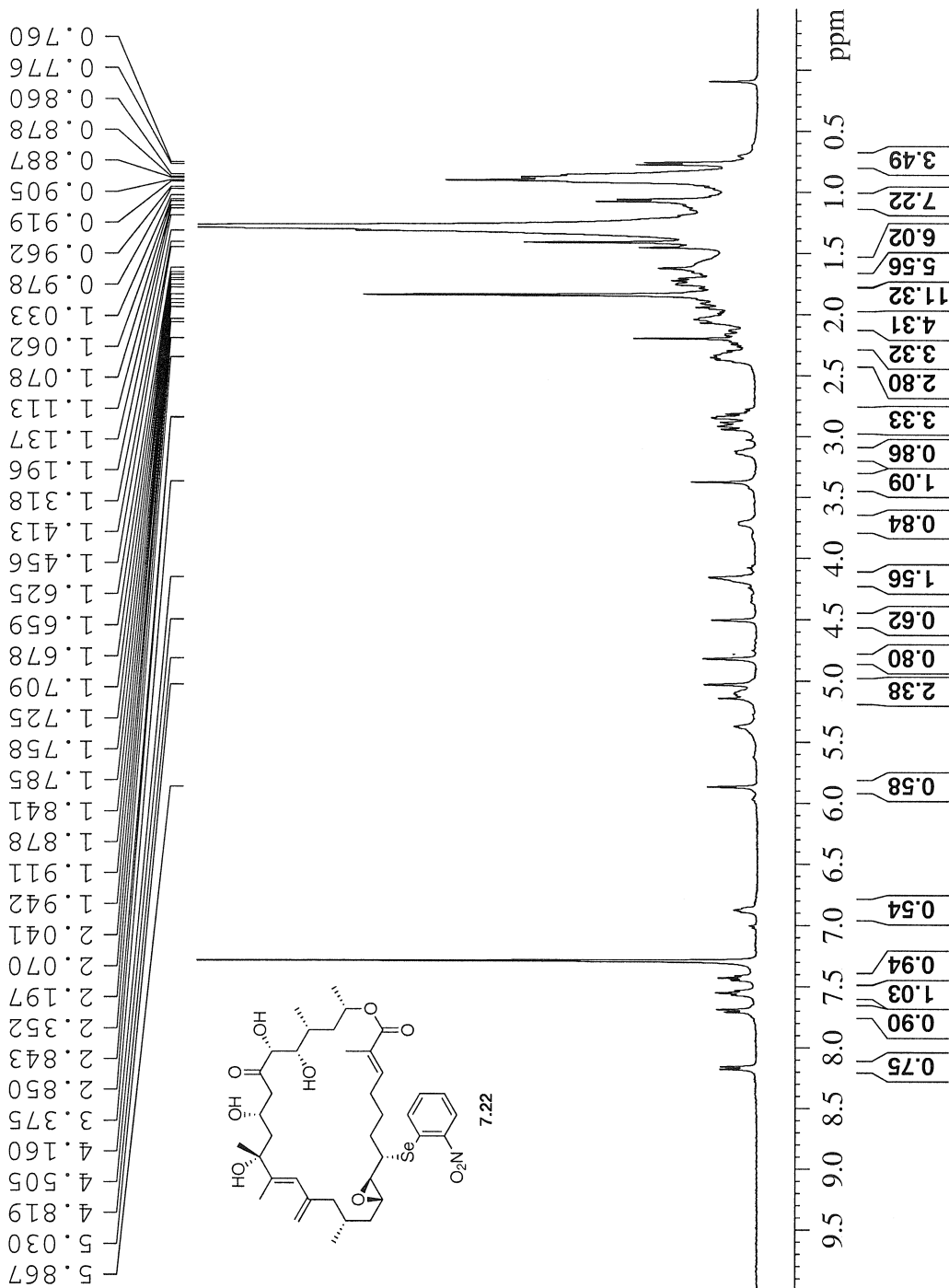

```

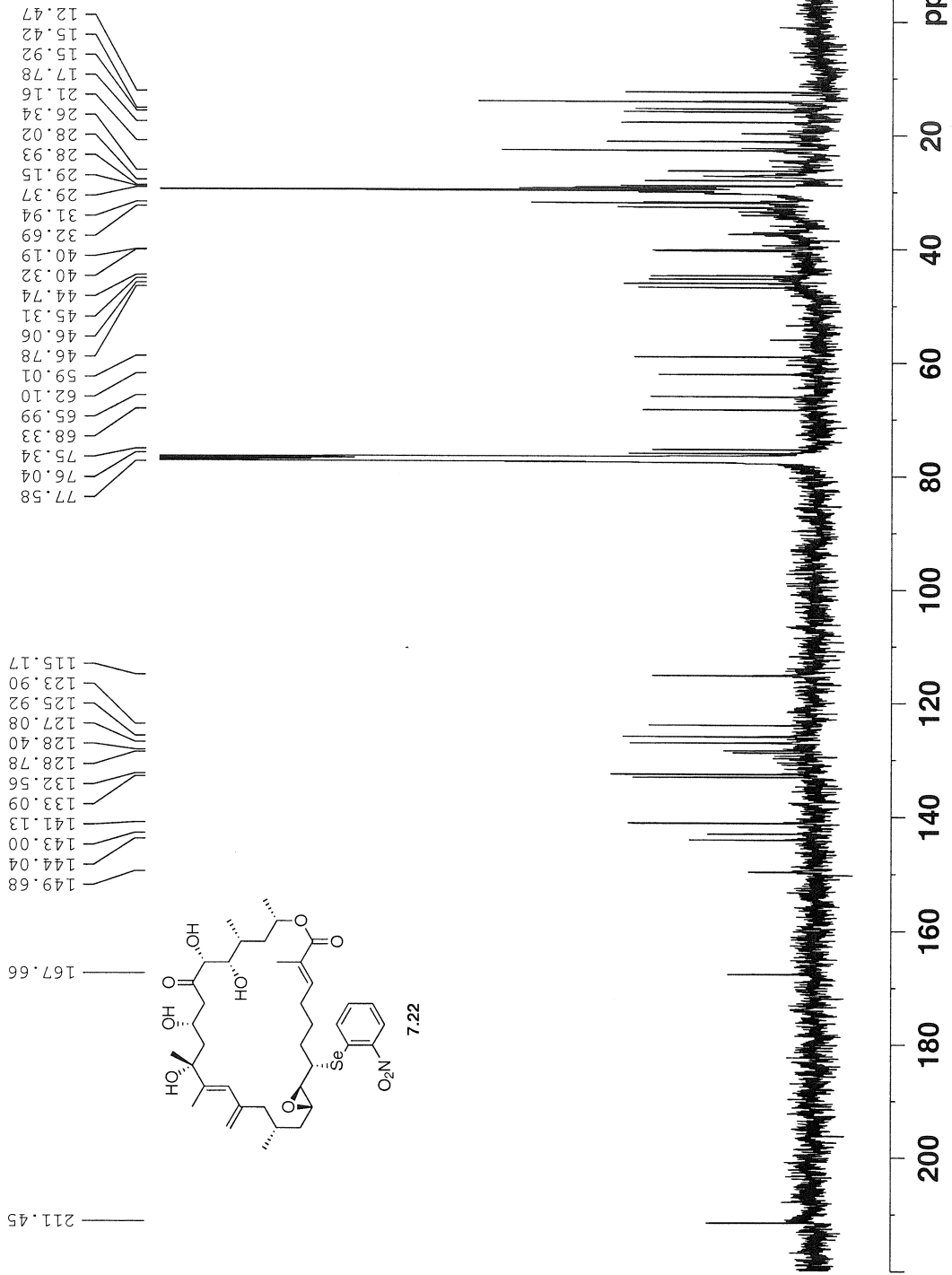
Current Data Parameters
NAME          8.30
EXPNO        1
PROCNO       1
DU           /n
USER         Liang

F2 - Acquisition Parameters
Date_        20080407
Time         12.34
PROBHD       5 mm BBO BE-1H
PULPROG      zg30
TD           32768
SOLVENT      CDCl3
DS           32
SMH          6410.256 Hz
FIDRES       0.195625 Hz
AQ           2.555940 sec
RG           78.000 usec
DE           6.00 usec
TE           298.2 K
DQ           1
TD0          1

===== CHANNEL f1 =====
NUC1         1H
P1           14.00 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      8-3
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters
Date_    20080407
Time     22.39
INSTRUM  DFX400
PROBHD   5 mm BBO BB-1H
PULPROG  zgpg30
TD       65536
SOLVENT  22019
NS       22019
DS       4
SWH      25125.628 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 sec
RG       2298.8
DW       19.900 us
DE       6.00 us
TE       298.2 K
D1       0.1500001 sec
D11      0.03000000 sec
DELTA   0.05000000 sec
TD0      1

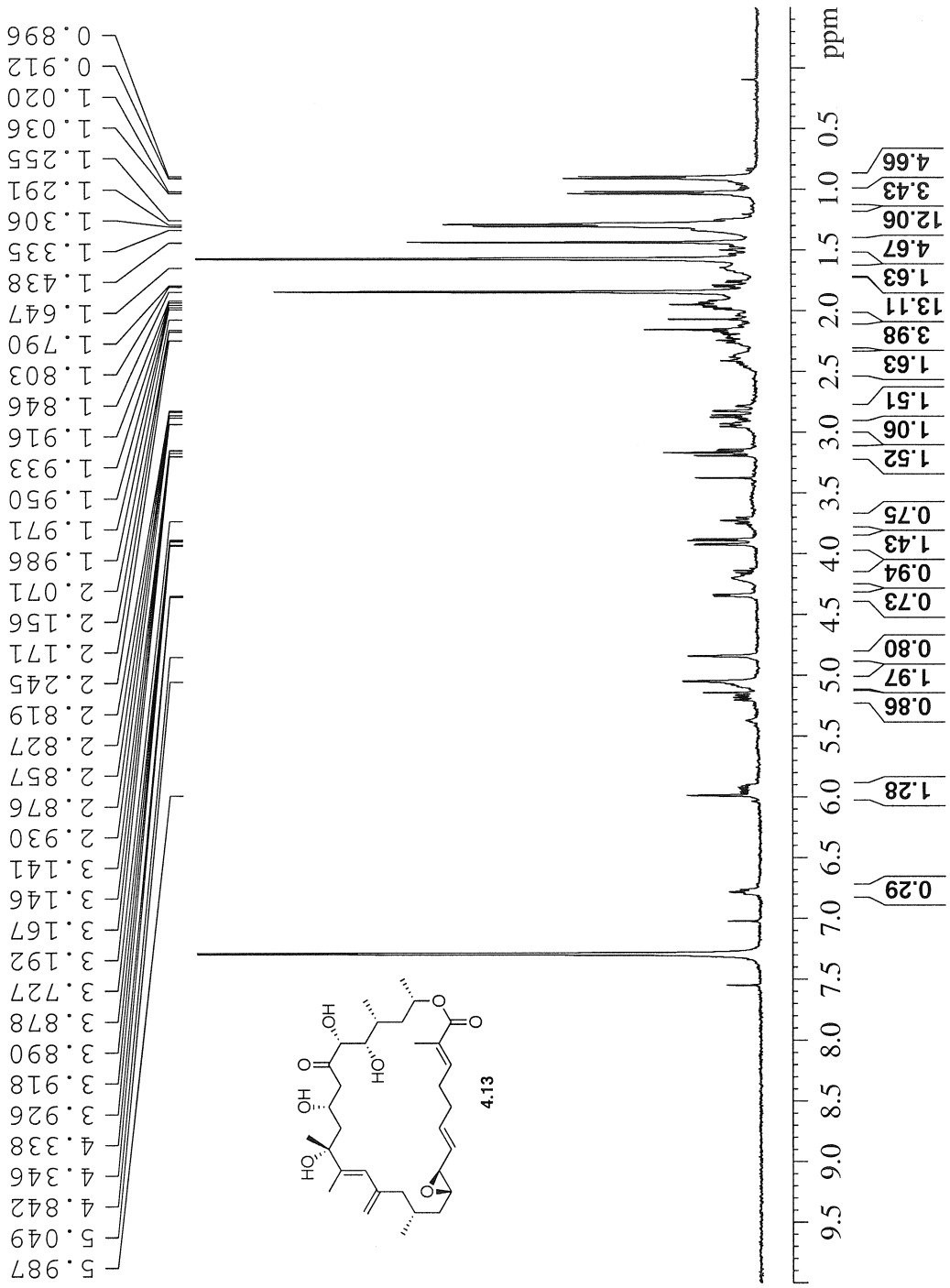
===== CHANNEL f1 =====
NUC1     13C
P1       7.80 us
PL1      3.00 dB
SFO1     100.5785700 MHz

===== 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
  
```

```

Current Data Parameters
NAME      8-32
EXPNO    5
PROCNO   1
DU       /n
USER     Liang
F2 - Acquisition Parameters
Date_    20080410
Time     08:41:02
INSTRUM  DMX412
PROBHD   5 mm BBO BB-1H
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
DS       92
SMH      6410.256 Hz
FIDRES   0.195625 Hz
AQ       2.135840 sec
RG        1320.0
DW       78.000 usec
DE       6.00 usec
TE       298.2 K
D1       2.00000000 sec
TDO      1
===== CHANNEL f1 =====
NUC1     14.7H usec
PL1      0.00 dB
SFO1     399.9528000 MHz
F2 - Processing parameters
SI       399.9500000 MHz
SF       399.9500000 MHz
WDW      EM
SSB      0
GB       0
PC       1.00
  
```



```

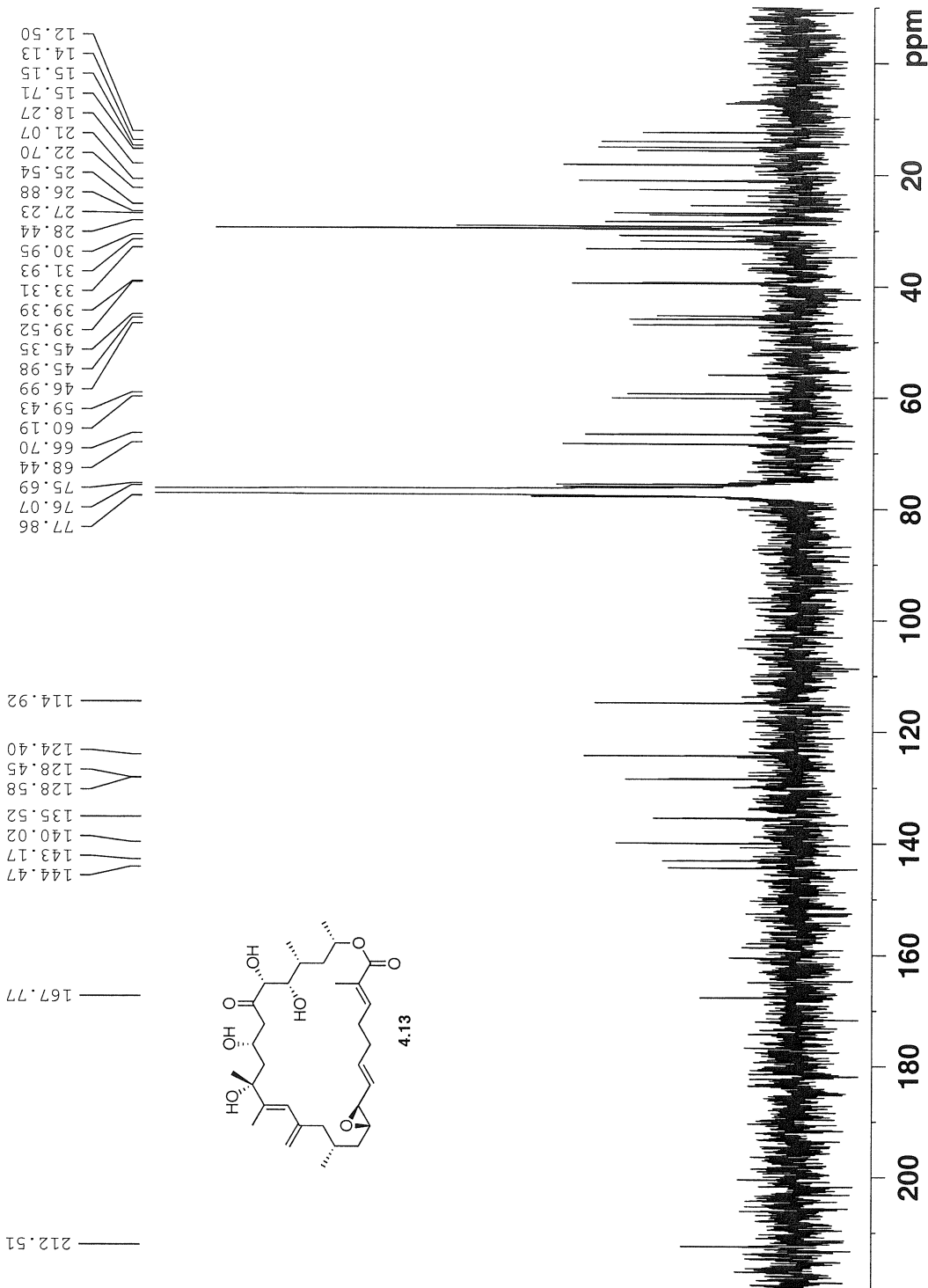
Current Data Parameters
NAME      8-32
EXPNO     10
PROCNO    1
DU        /n
USER      Liang

F2 - Acquisition Parameters
Date_     20080411
Time      21.28
INSTRUM   DFX400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD         65536
SOLVENT   DMS
NS         57641
DS         4
SFO1      25125.629 Hz
SFO2      0.383387 Hz
FIDRES    1.30423164 Sk
AQ         3649.1
RG         19.900 us
DE         6.00 us
TE         298.2 K
D1         0.15000001 sec
D11        0.03000000 sec
DELTA     0.05000000 sec
TD0        1

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

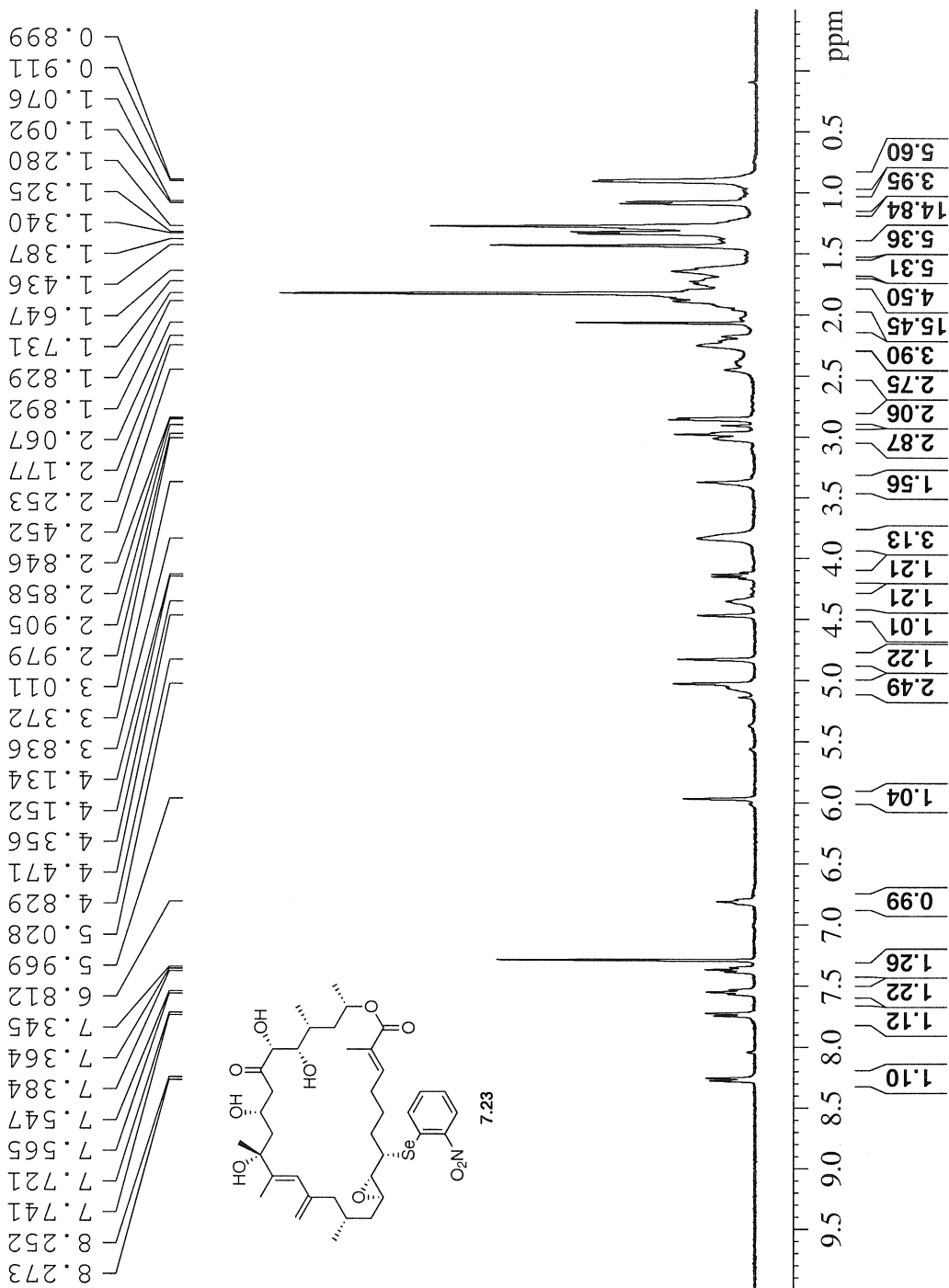
F2 - Processing parameters
SI         32768
SF         100.5675080 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40
    
```

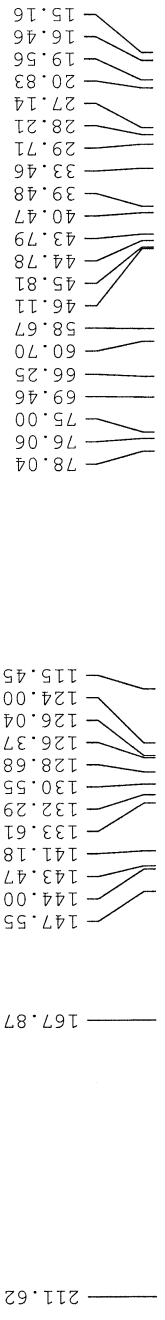


```

Current Data Parameters
NAME          8-26
EXPNO        2
PROCNO       1
DS           /n
USER         Liang
F2 - Acquisition Parameters
Date_        20060405
Time        14:17
INSTRUM     DSI400
PROBHD      5 mm BBO BB-1H
PULPROG     zg30
TD          32768
SOLVENT     CDCl3
NS          12
DS          12
SWH         6410.256 Hz
FIDRES     0.195625 Hz
AQ         2.559570 sec
RG         510
RW         78.000 usec
DE         6.00 usec
TE         298.2 K
TD0        2.00000000 sec

===== CHANNEL f1 =====
NUC1        1H
P1          14.70 usec
PL1         0.00 dB
SFO1       399.9528000 MHz
F2 - Processing parameters
SI          no
SF         399.9500000 MHz
WDW         no
SSB         0
GB          0.00 Hz
PC          1.00
    
```





```

Current Data Parameters
NAME      8-26
EXPNO     4
PROCNO    1
DU        /n
USER      Liang

F2 - Acquisition Parameters
Date_     20080405
Time      16.55
INSTRUM   DFX400
PROBHD    5 mm BBO BB-1H
PULPROG   zgpg30
TD        65536
SOLVENT   3726
NS        4
DS        2
SWH        25125.698 Hz
FIDRES     0.383387 Hz
AQ         1.3042164 sec
RG         4096
DW         19.900 us
DE         6.00 us
TE         298.2 K
D1         0.15000001 sec
D11        0.03000000 sec
DELTA     0.05000000 sec
TD0        1

===== CHANNEL f1 =====
NUC1       13C
P1         7.80 us
PL1        -2.00 dB
SFO1       100.5785700 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

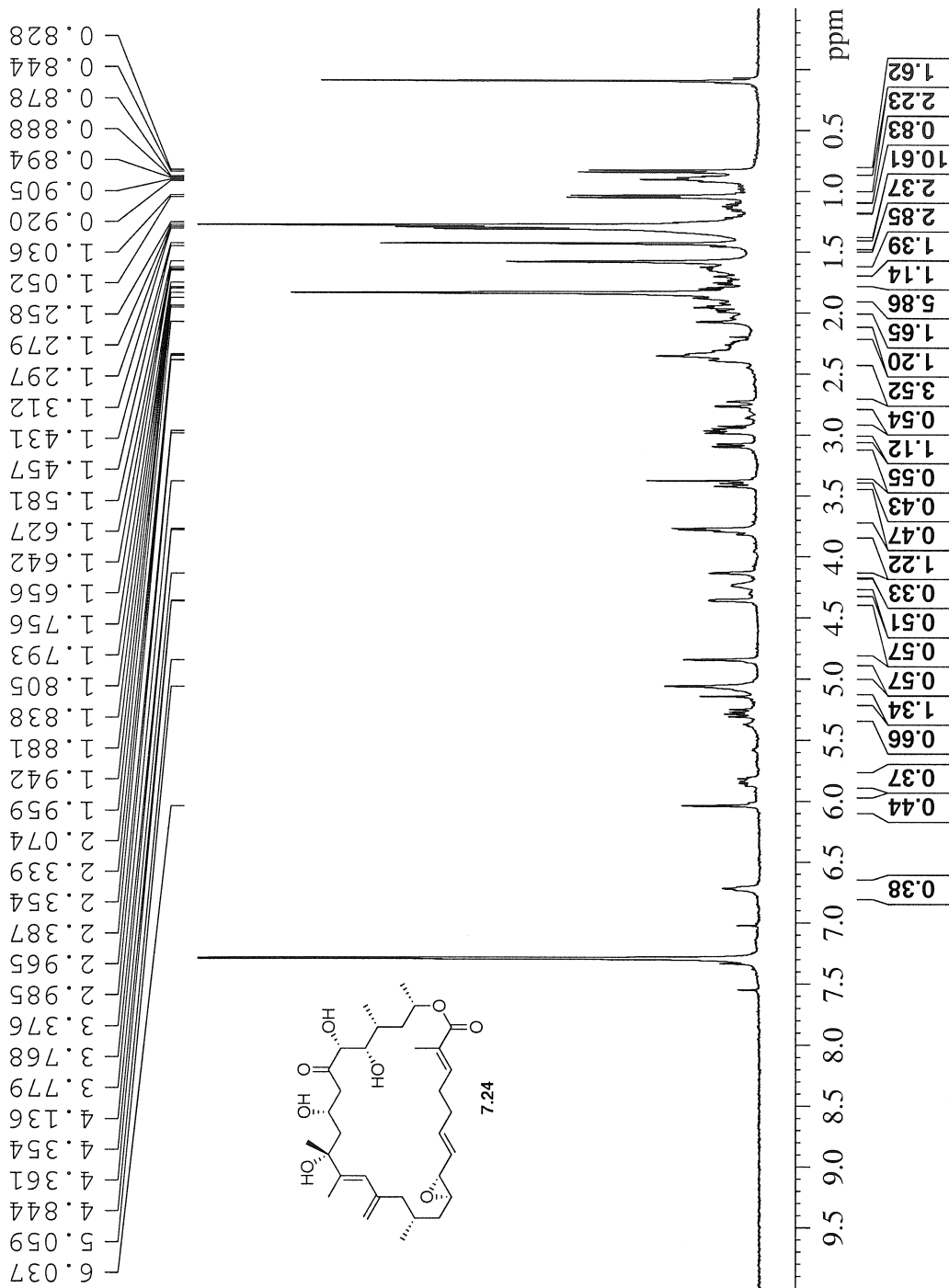
F2 - Processing parameters:
SI         32768
SF         100.5675080 MHz
WDW        EM
SSB        0
LB         3.00 Hz
GB         0
PC         1.40
  
```

```

Current Data Parameters
NAME      8-27
EXPNO    3
PROCNO   1
F2 - Acquisition Parameters
Date_    20080414
Time     17:44
INSTRUM  spect
PROBHD   5 mm BBO BB-H
PULPROG  zg30
TD       32768
SOLVENT  CDCl3
DS       2
SMH      6410.256 Hz
FIDRES   0.196625 Hz
AQ       2.532840 sec
RG       312.40
DM       78.000 usec
DE       6.00 usec
TE       288.2 K
TD0      2.00000000 sec

===== CHANNEL f1 =====
NUC1     1H
P1       14.71 usec
PL1      0.00 dB
SFO1     399.9528000 MHz

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



```

Current Data Parameters
NAME      8-27
EXPNO    1
PROCNO   1
DU       /n
USER     Liang

F2 - Acquisition Parameters:
Date_    20080414
Time     23.58
INSTRUM  DPM400
PROBHD   5 mm BBO BB-IH
PULPROG  zgpg30
TD       65536
SOLVENT  18937
NS       18937
DS       4
SWH      25125.629 Hz
FIDRES   0.383387 Hz
AQ       1.3042164 s
RG       6502
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      3.00 dB
SFO1     100.5785700 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

```

