

ORGANOMETALLICS

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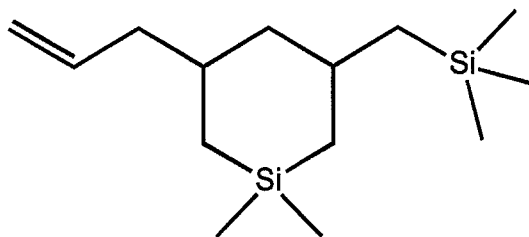


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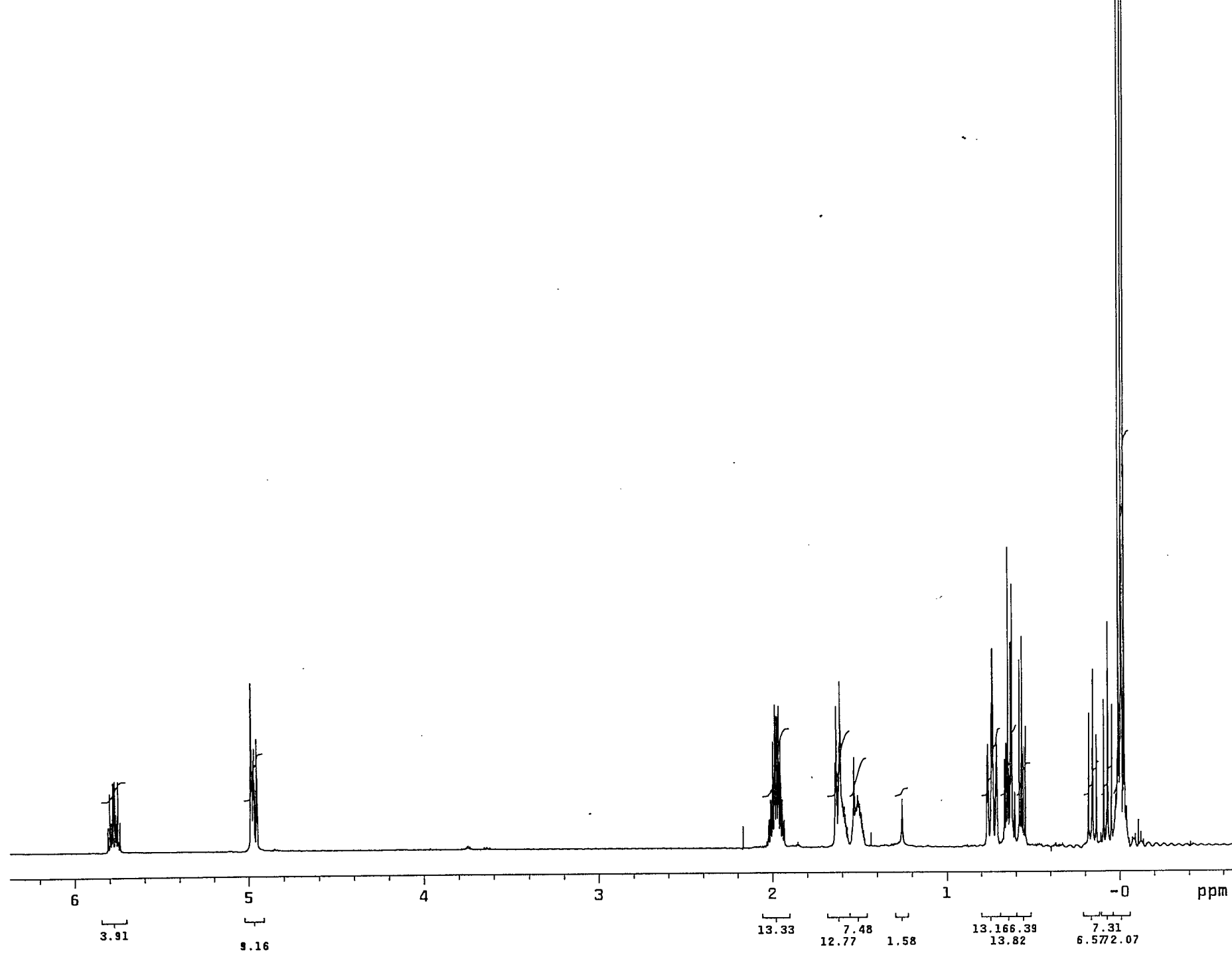
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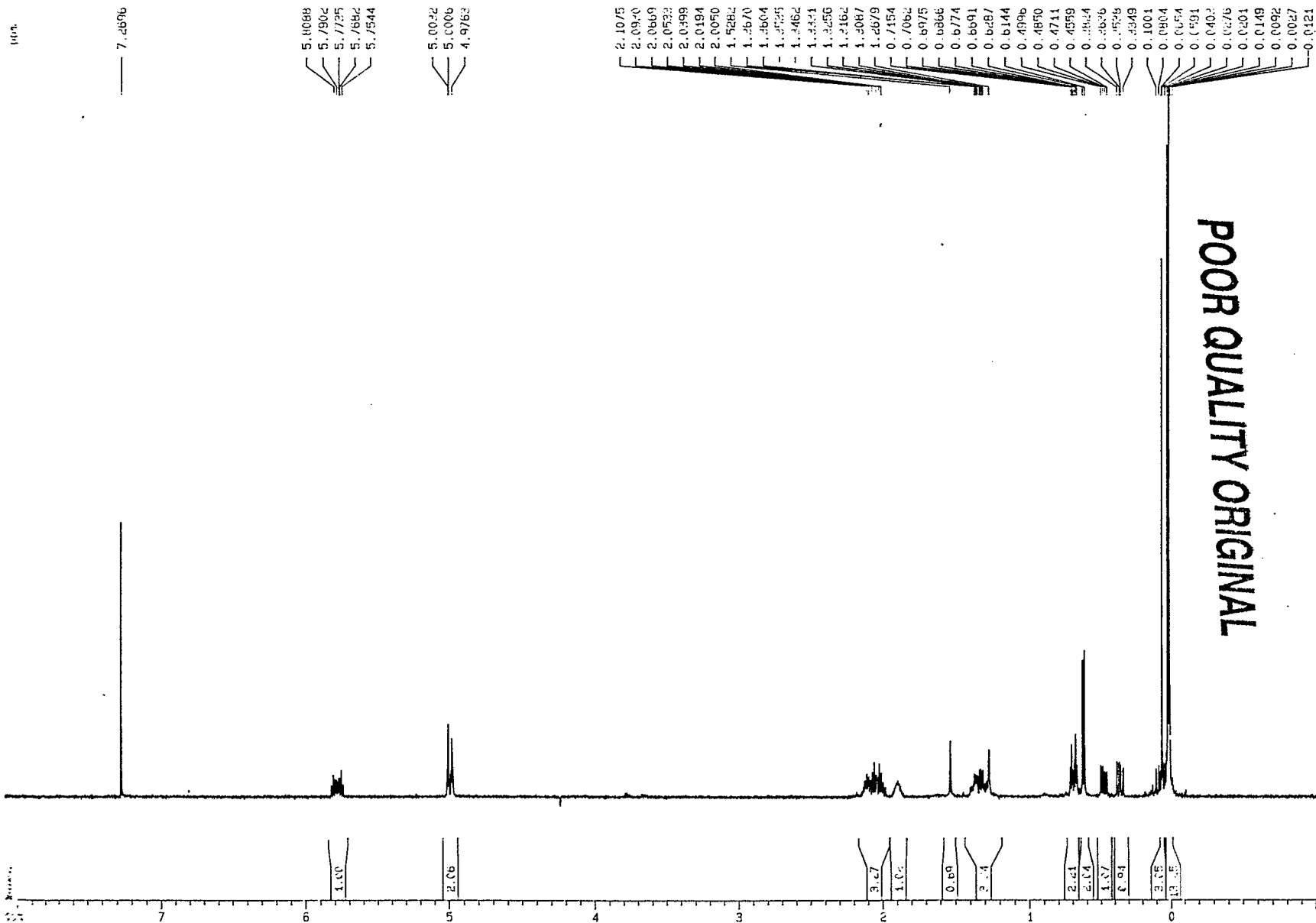
NMR Spectra



cis,trans 3a



trans 3



NAME 1st-1112
EXPNO 1
PROCNO 1

F2 - Acquisition Parameters
Date 961102
Time 2.13
PULPROG zg
SOLVENT CHCl3
AQ 2.3920939 sec
FIDRES 0.209025 Hz
DM 73.0 use
RG 512
NUCLEUS 1H
HL1 3 dB
D1 2.0000000 sec
P1 6.0 use
DE 91.3 use
SFO1 500.1375344 MHz
SMH 6849.21 Hz
TD 32768
NS 64
DS 0

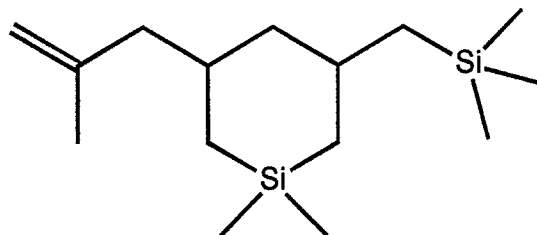
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ND0 0
TD 64
SFO1 125.7617 MHz
FIDRES 46.875000 Hz
SM 23.855 ppm

F2 - Processing parameters
SI 16384
SF 500.1354163 MHz
WDW no
SSB 0
LB 0.00 Hz
GB 0
PC 2.00

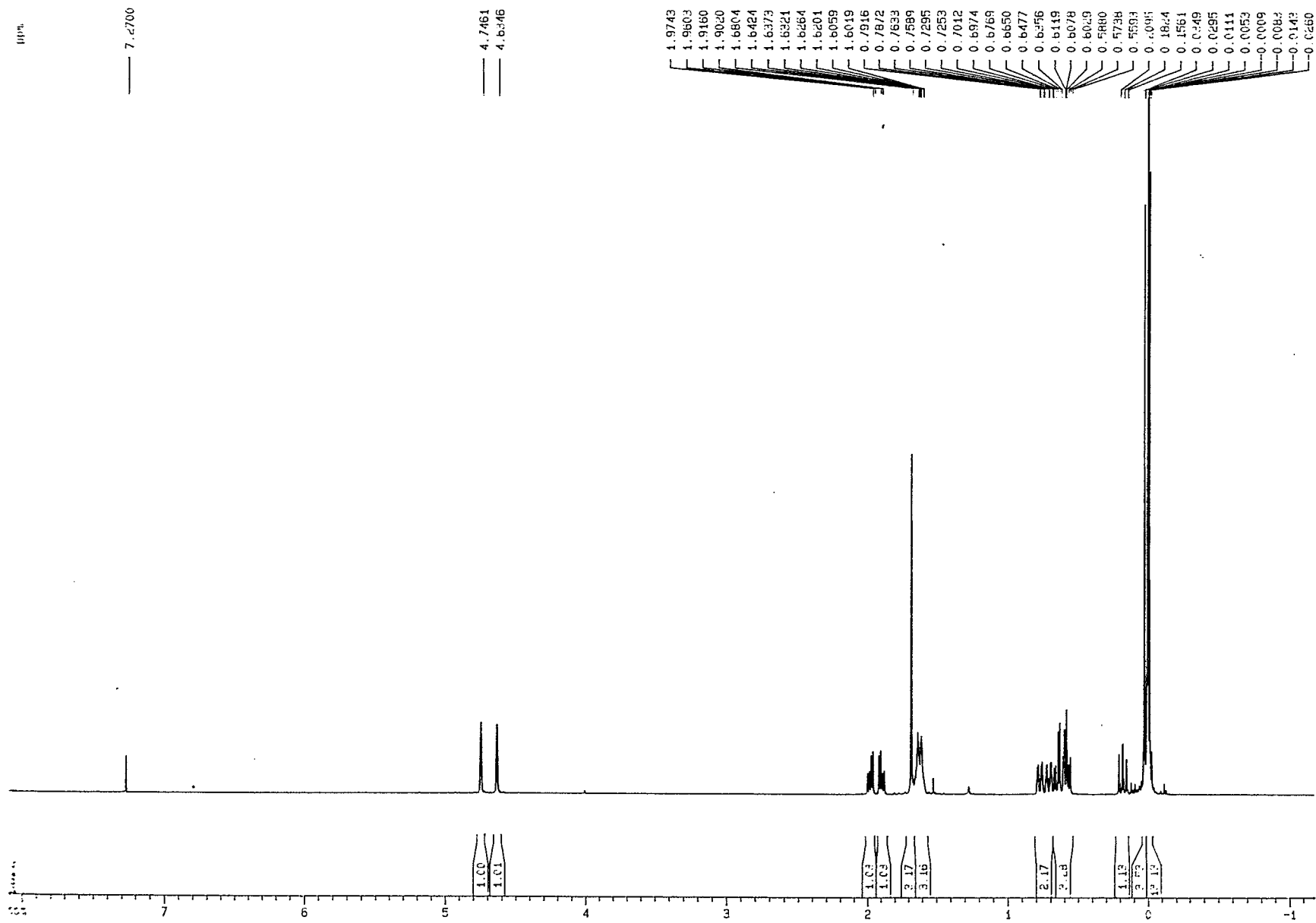
F1 - Processing parameters
SI 64
MC2 OF
SF 125.7600000 MHz
WDW no
SSB 0
LB 0.10 Hz
GB 0.1

1D NMR plot parameters
CX 33.00 um
F1P 8.097 ppm
F1 4049.25 Hz
F2P -1.006 ppm
F2 -502.96 Hz
PPMCM 0.27582 ppm
HZCM 137.94897 Hz

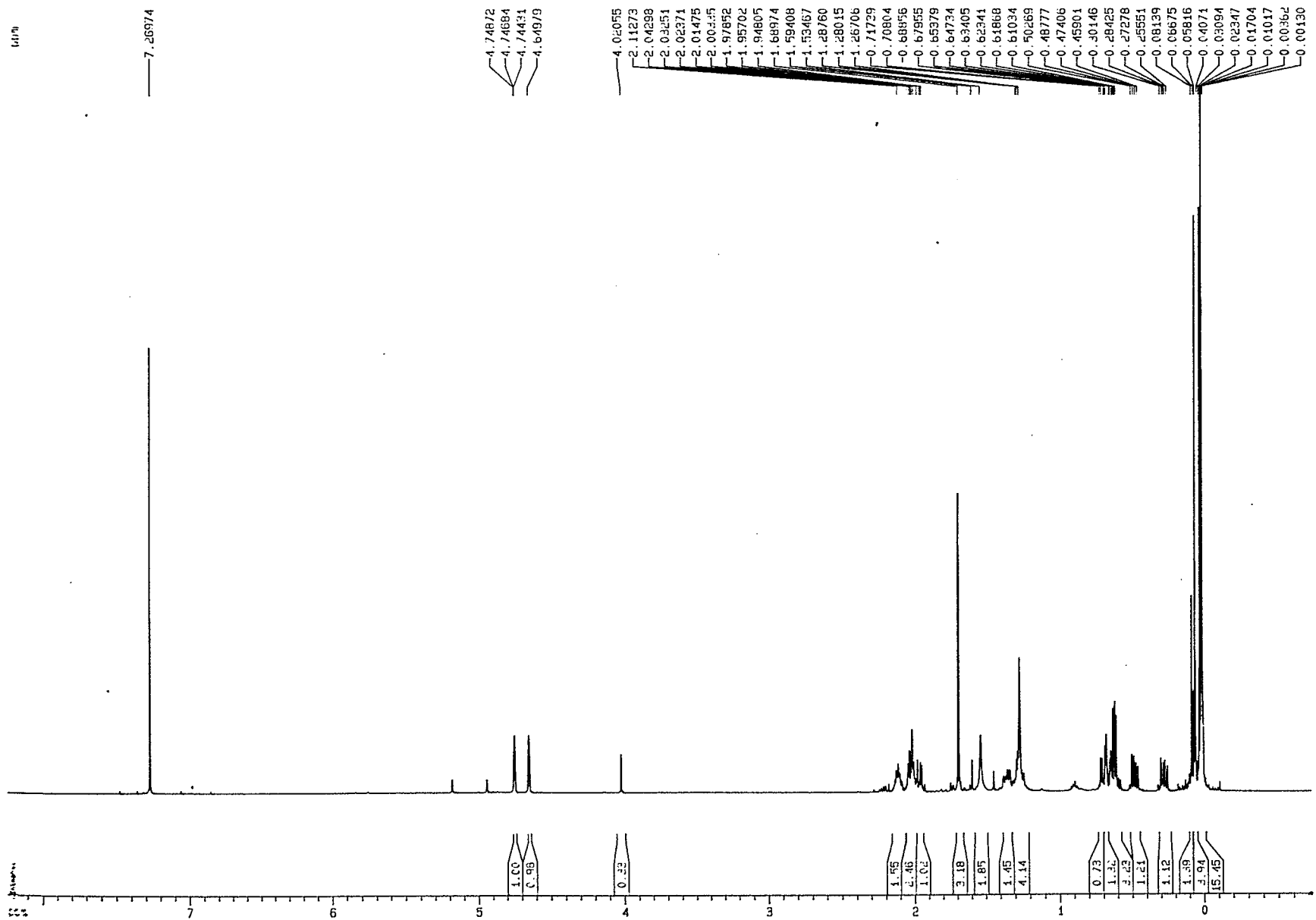
NMR Spectra



cis,trans 3b

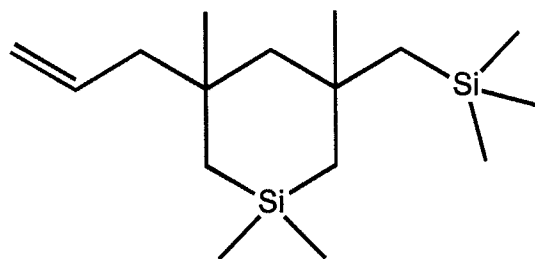


POOR QUALITY ORIGINAL

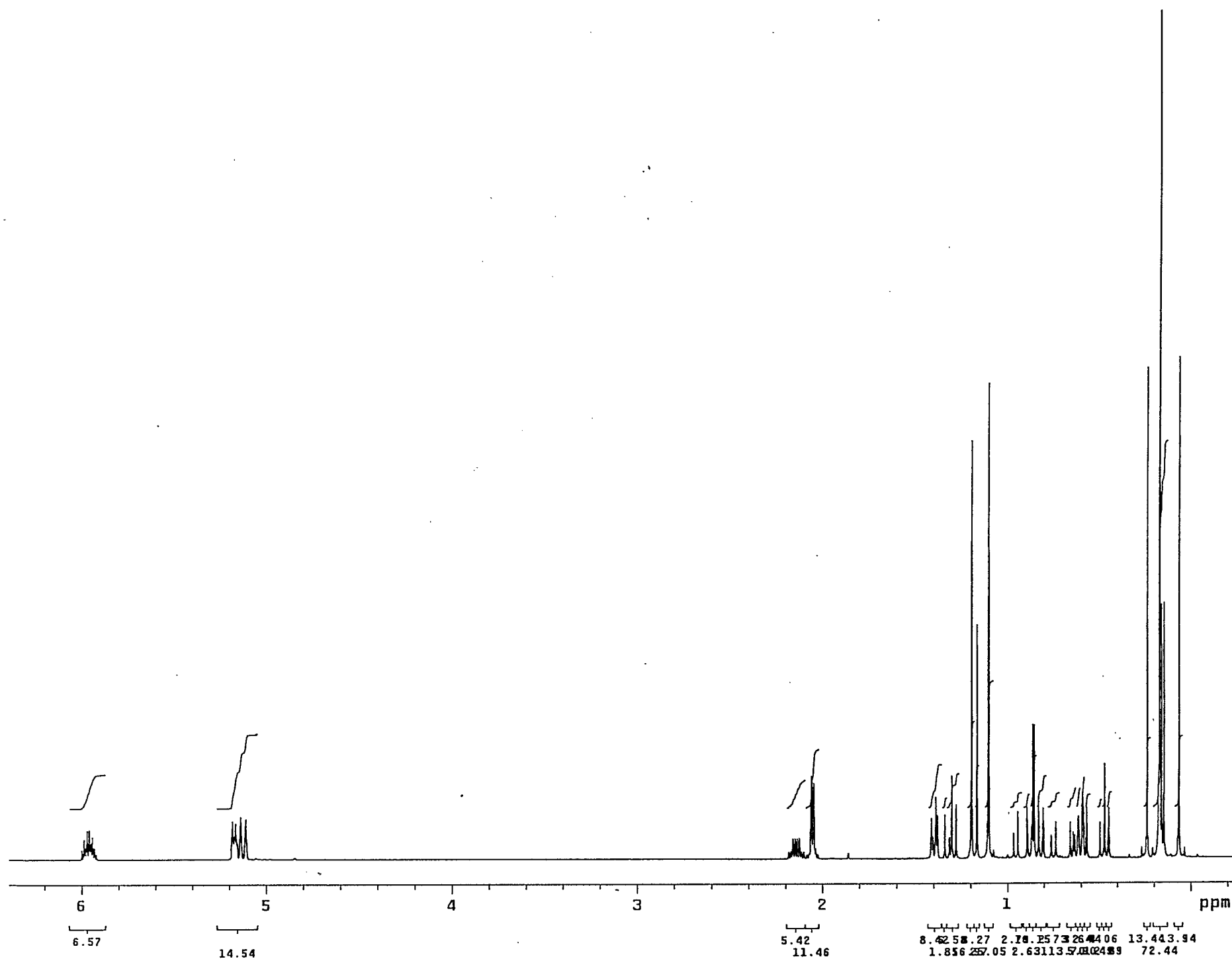


POOR QUALITY ORIGINAL

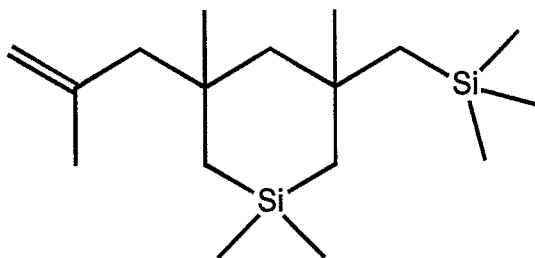
NMR Spectra



cis,trans 3c



NMR Spectra



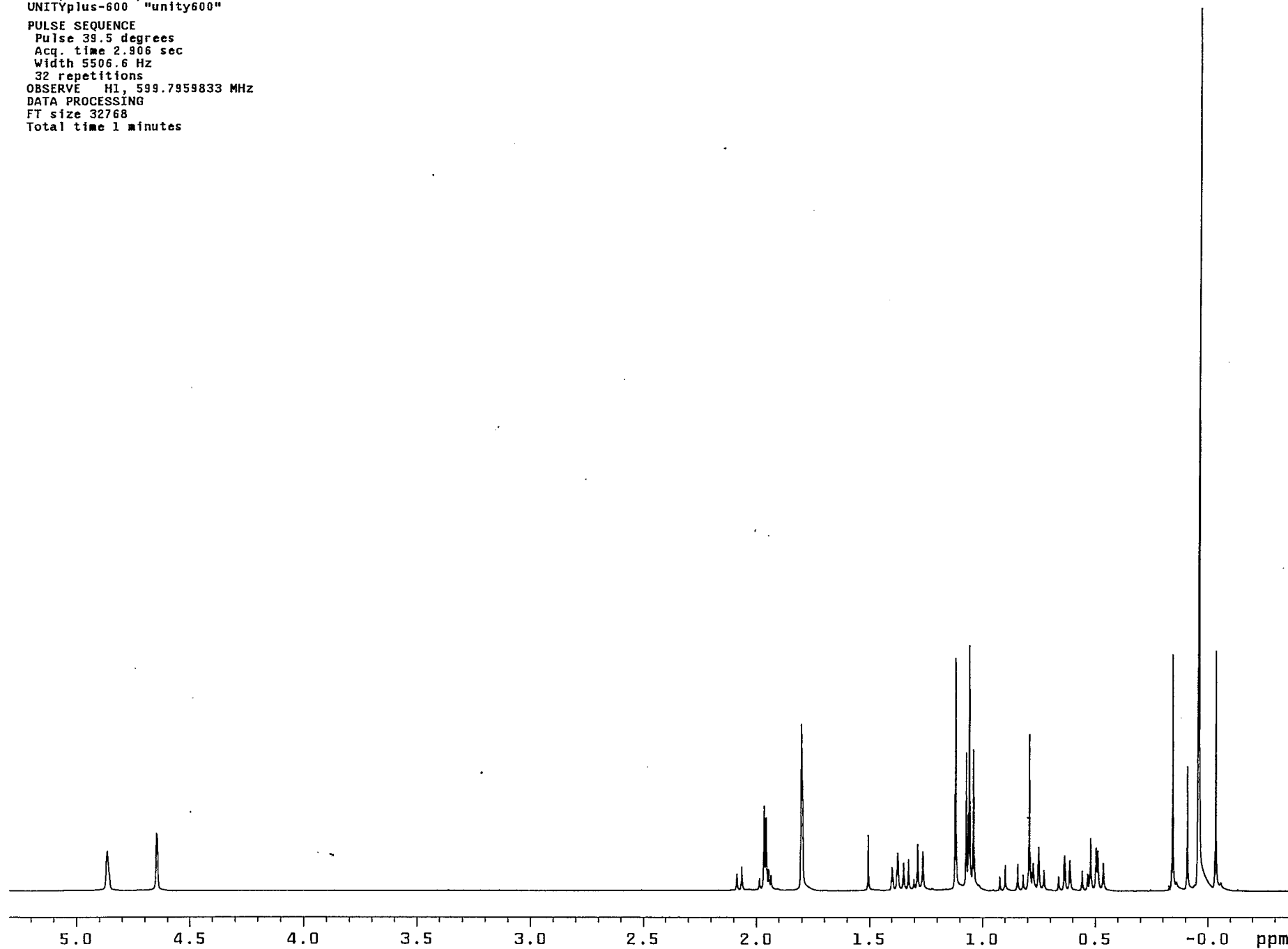
cis trans 3d

STANDARD PROTON PARAMETERS

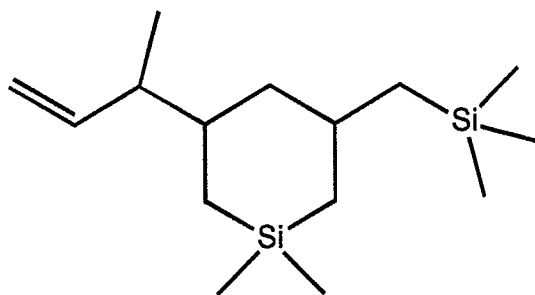
Solvent: CDC13
Temp. 25.0 C / 298.1 K
UNITYplus-600 "unity600"

PULSE SEQUENCE

Pulse 39.5 degrees
Acq. time 2.906 sec
Width 5506.6 Hz
32 repetitions
OBSERVE H1, 599.7959833 MHz
DATA PROCESSING
FT size 32768
Total time 1 minutes



NMR Spectra



cis trans 3e

