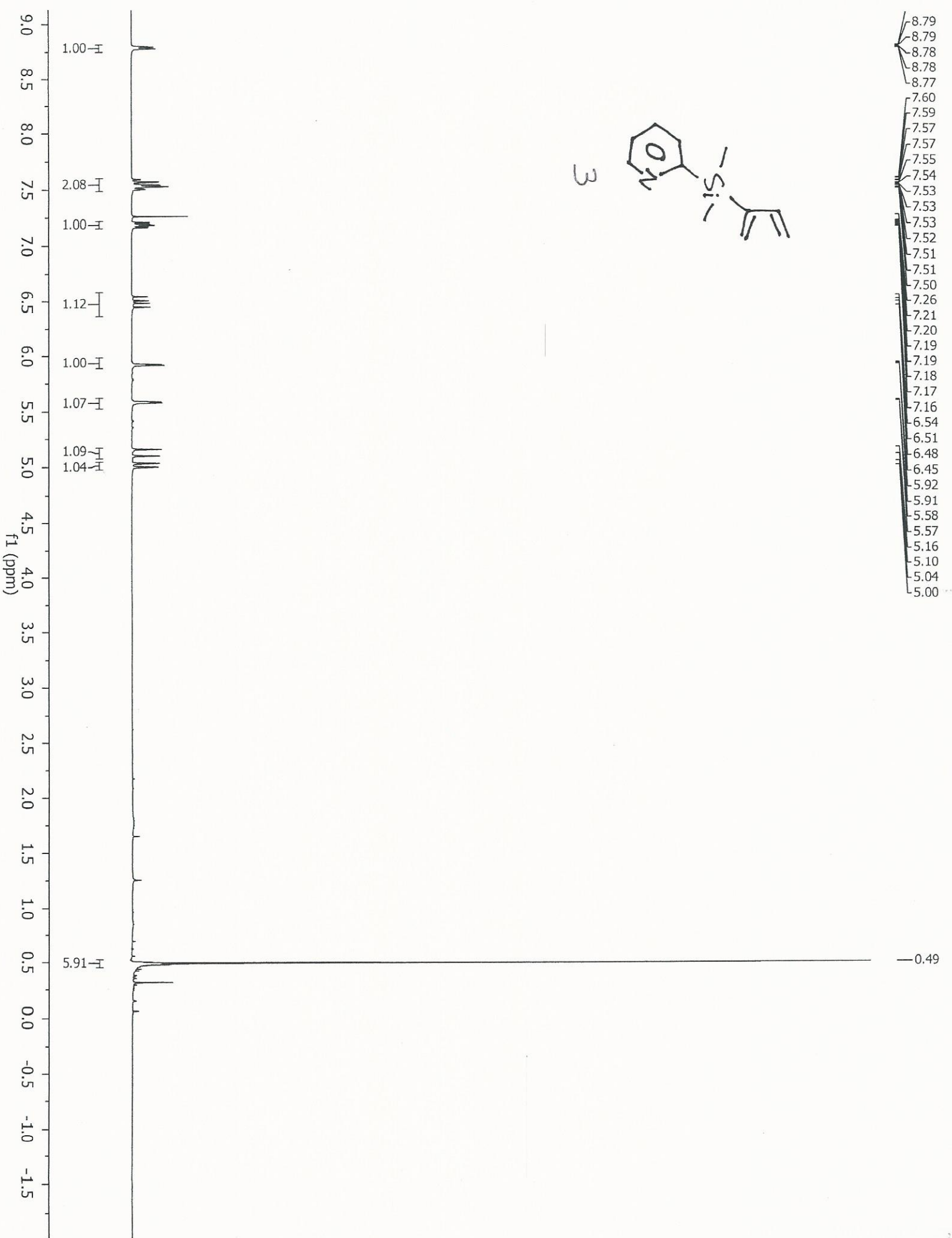


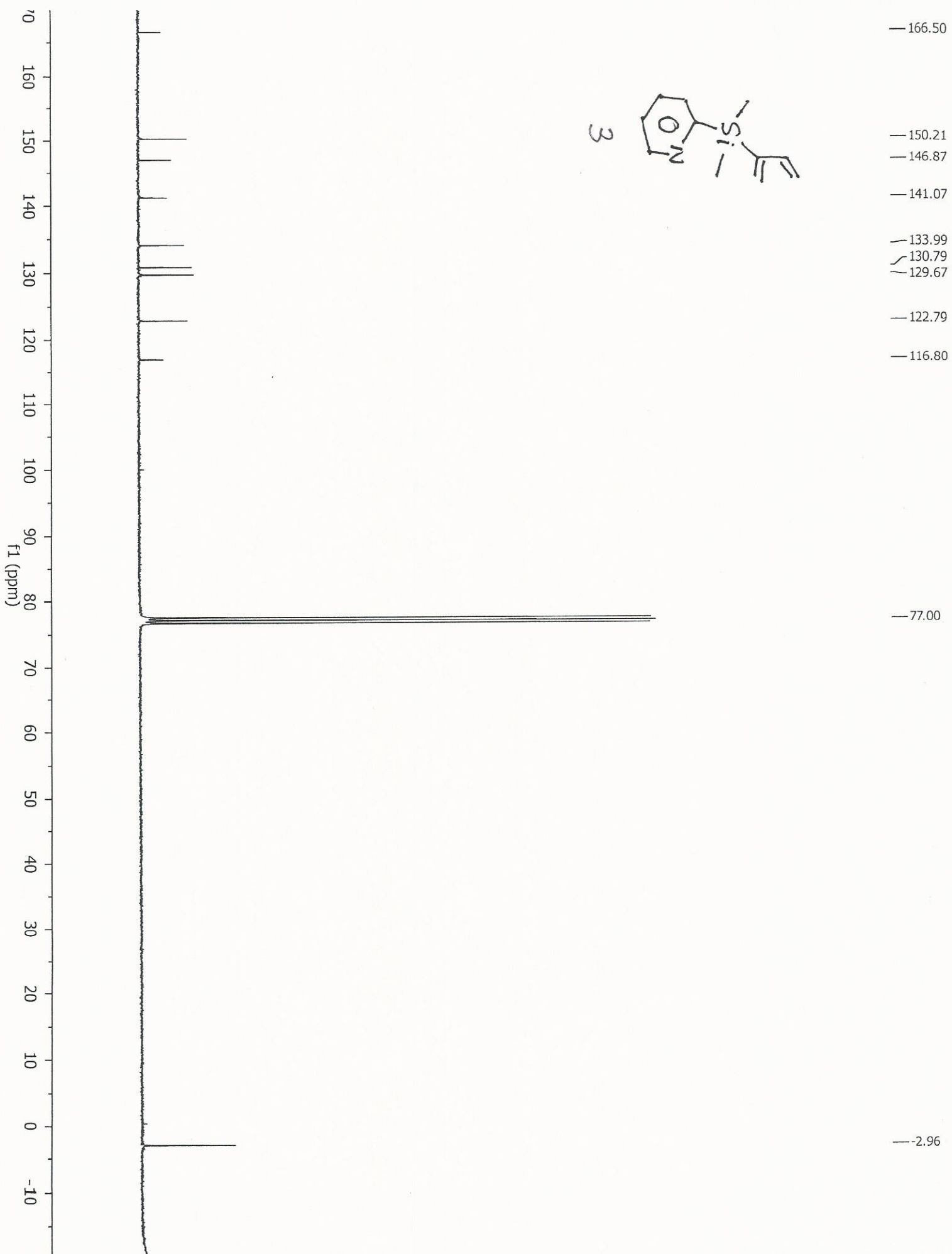
Preparation and Reaction Chemistry of Novel Silicon Substituted 1,3-Dienes

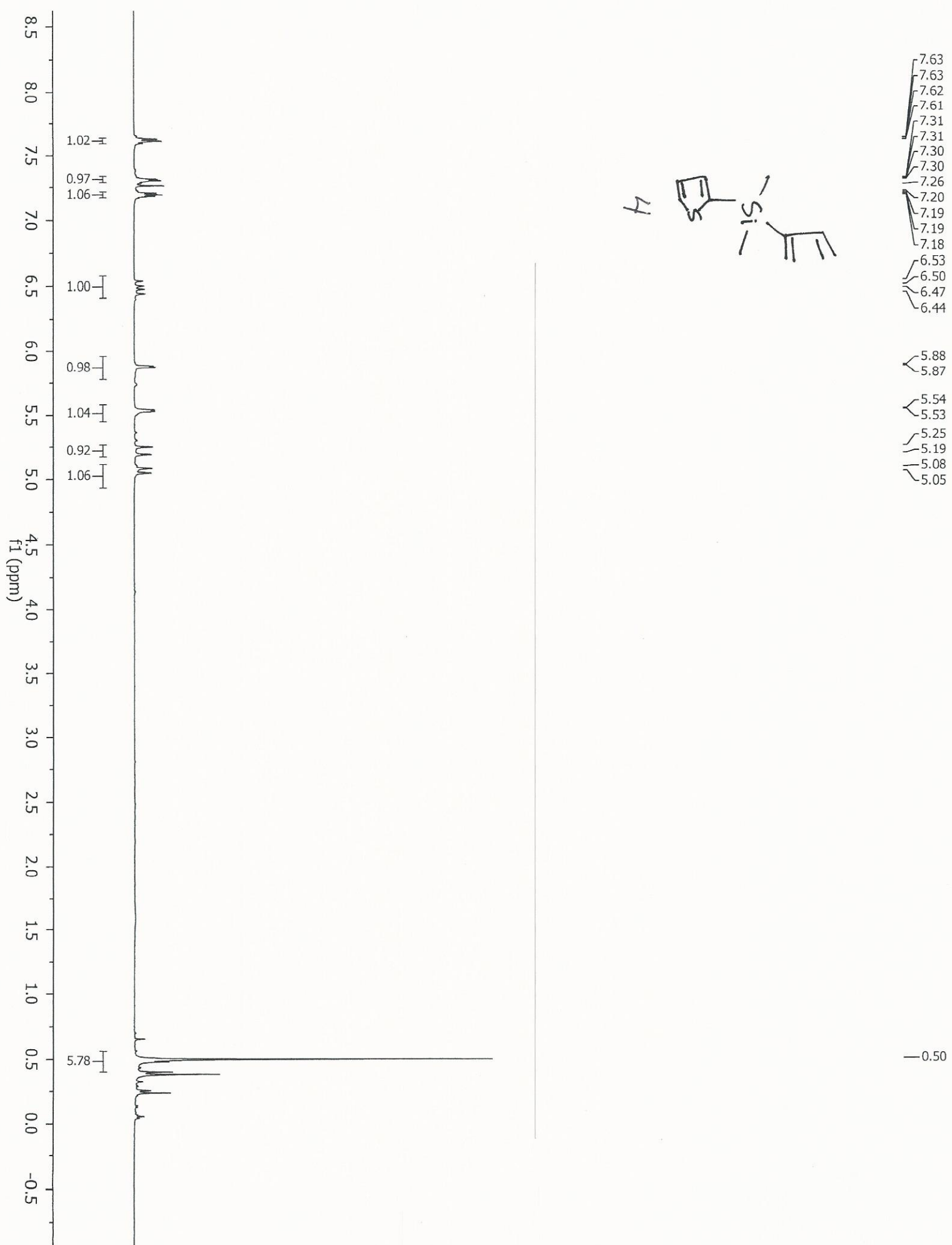
Partha P. Choudhury and Mark E. Welker*

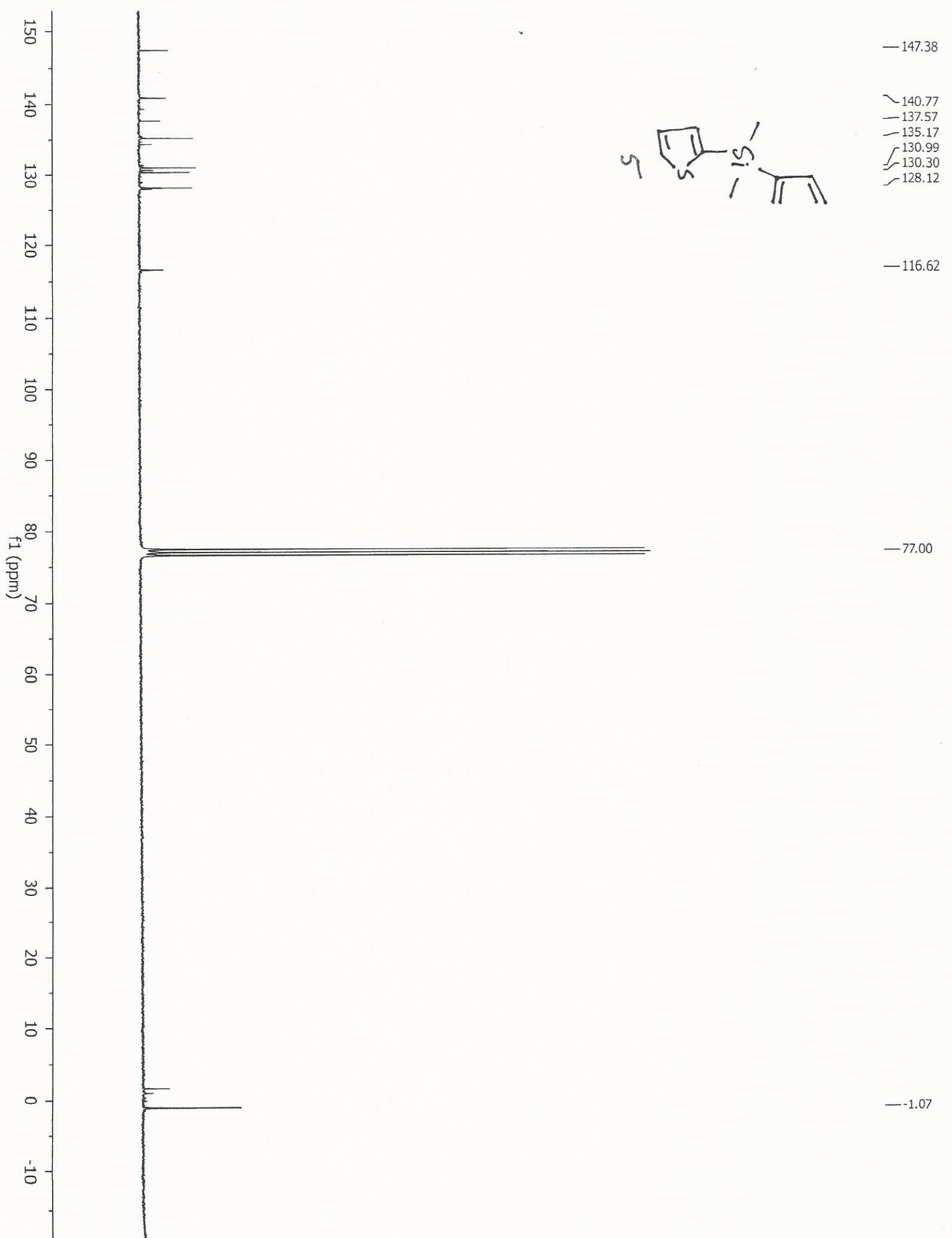
Department of Chemistry, Wake Forest University, P.O. Box 7486, Winston-Salem, NC 27109 (USA), email: welker@wfu.edu, FAX: (336)-758-4656

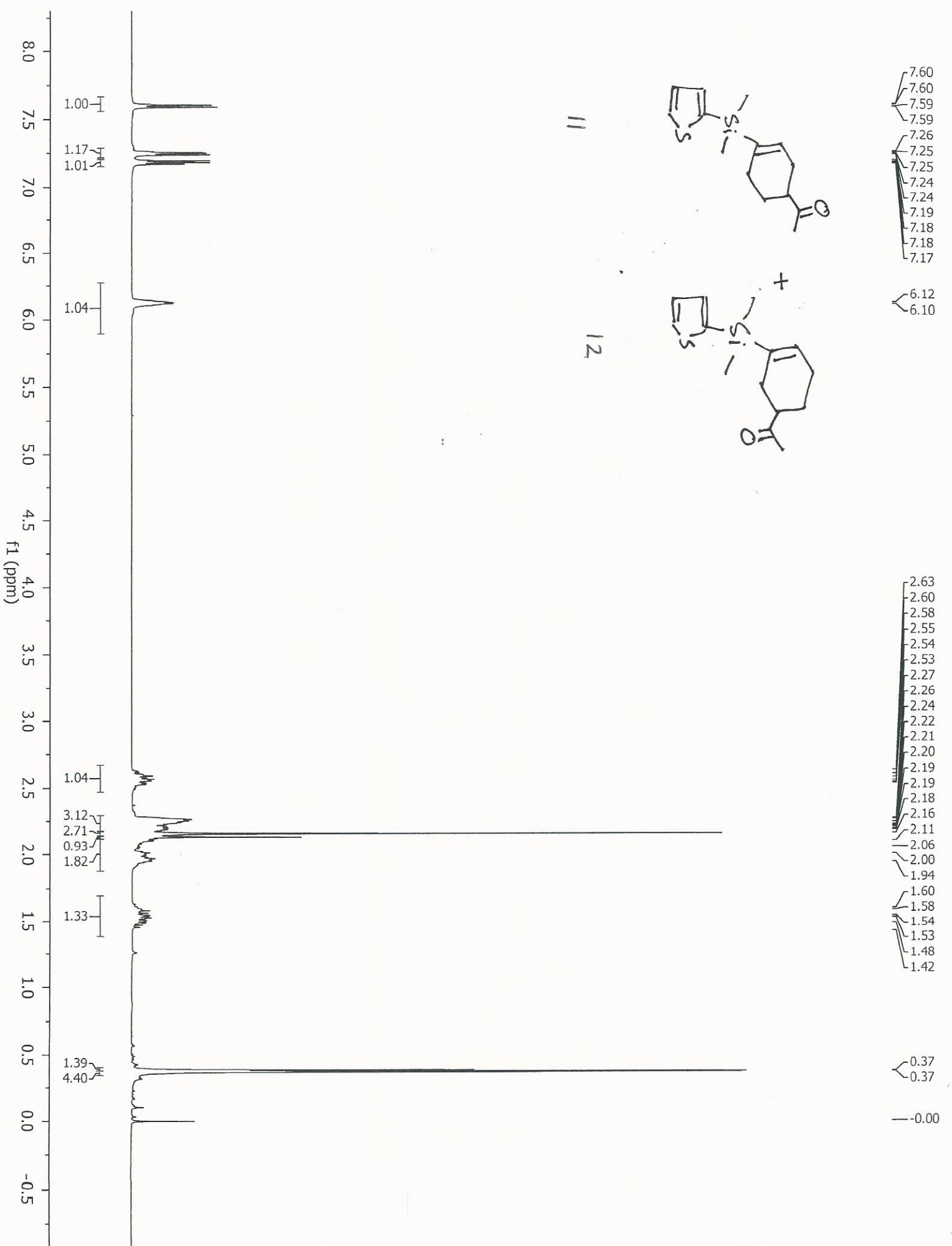
Supplementary Data

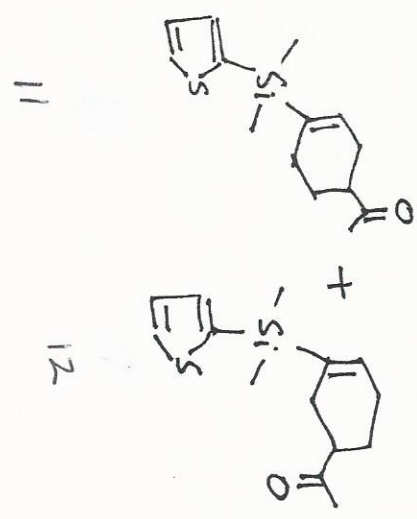












- 137.81
- 136.36
- 135.96
- 134.73
- 130.73
- 128.09

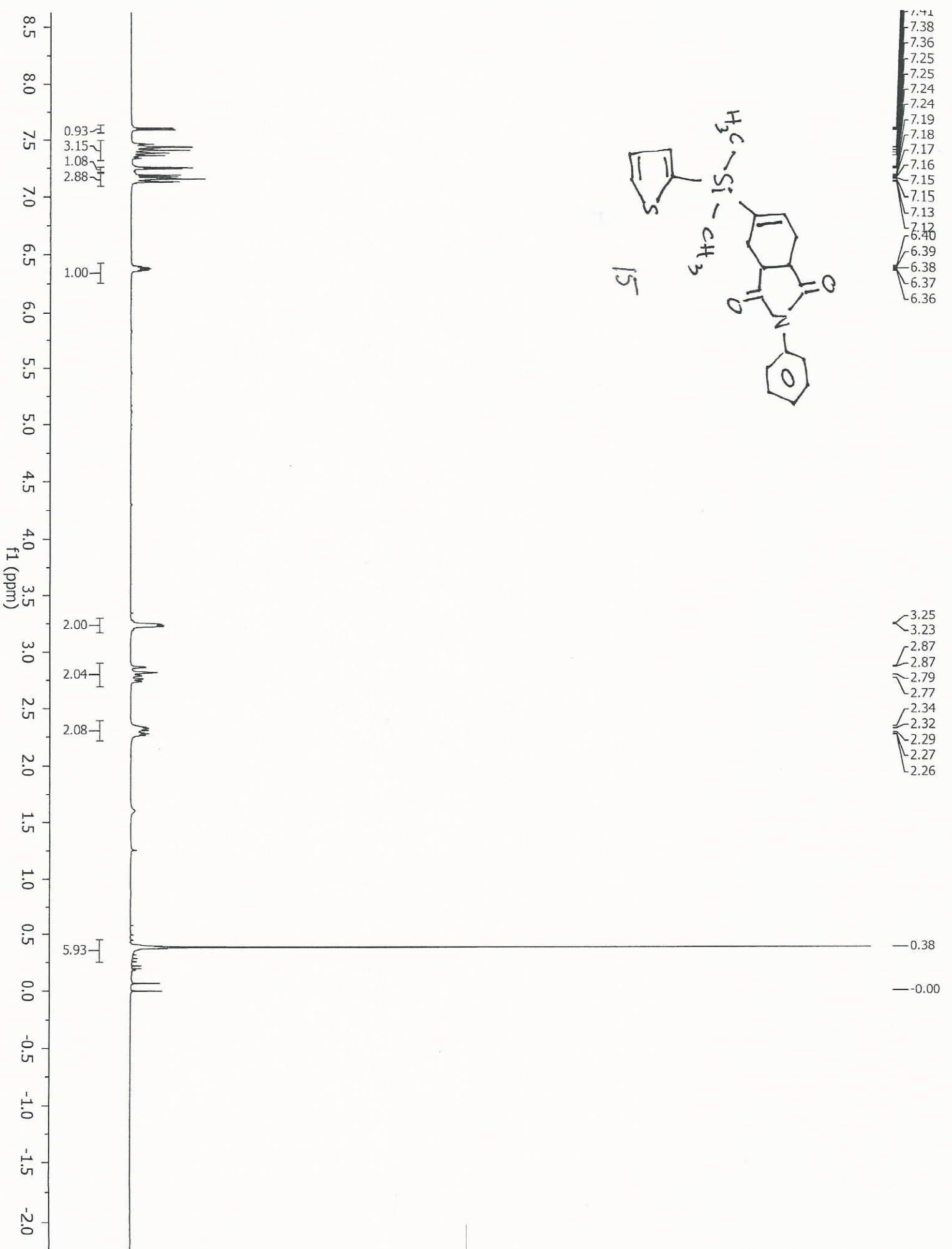
77.00

47.07

- 28.35
- 27.92
- 26.48
- 24.96

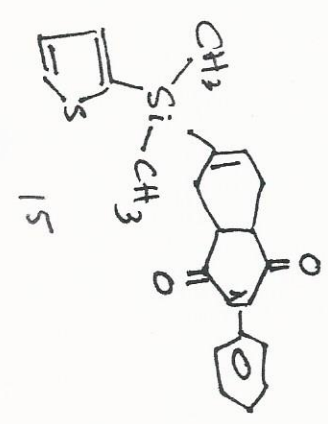
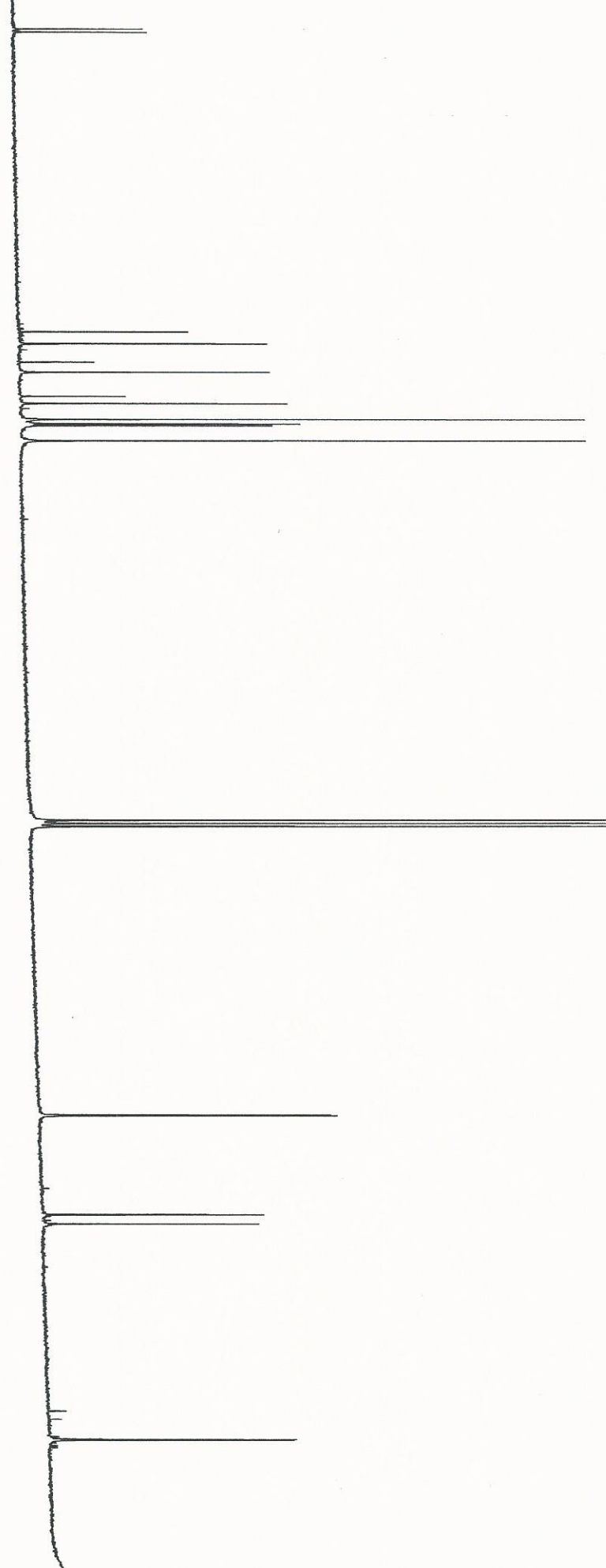
- 2.43
- 2.54



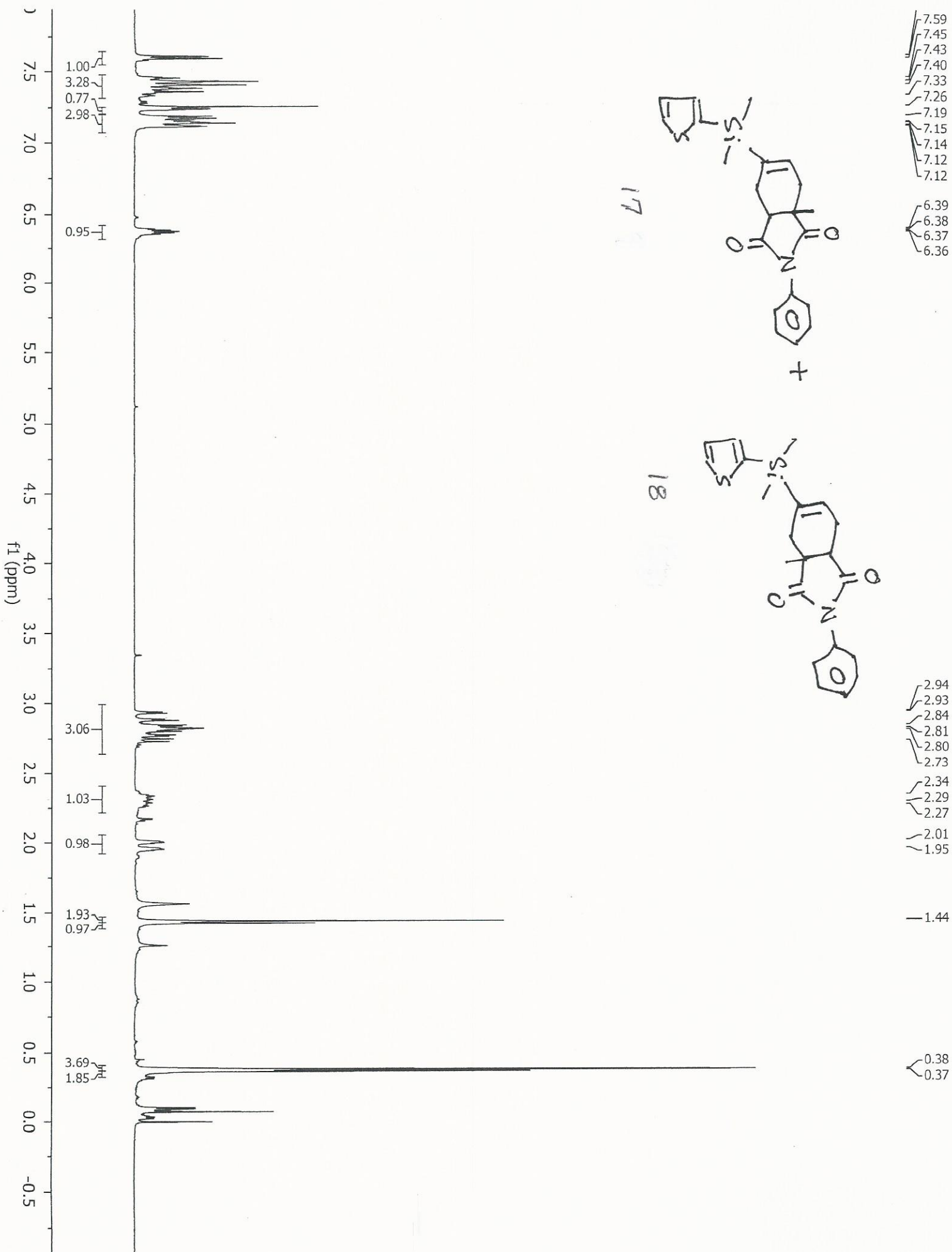


180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
-10

f1 (ppm)

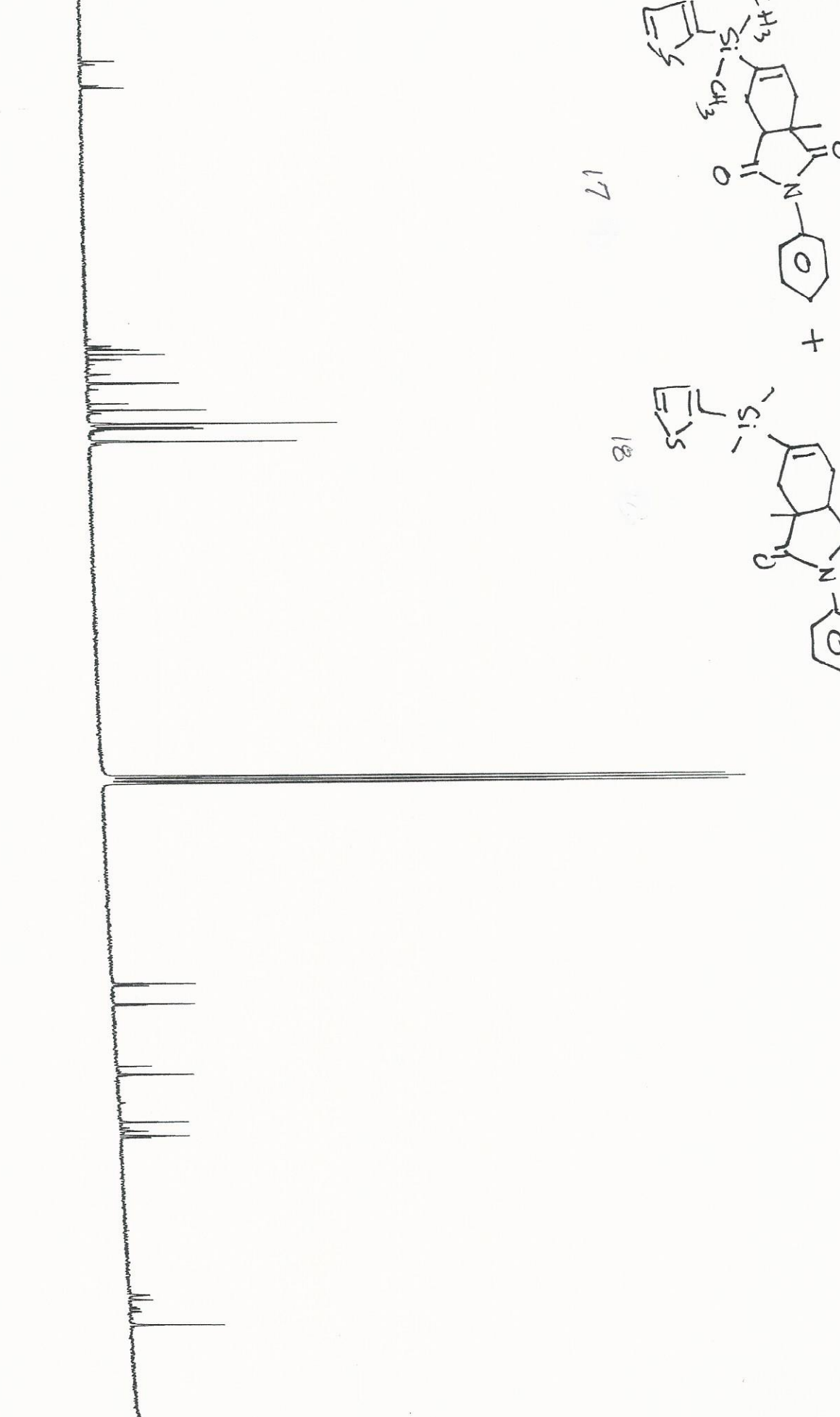


- 179.07
- 178.67
- 140.27
- 138.69
- 136.36
- 135.09
- 132.02
- 131.05
- 129.04
- 128.47
- 128.23
- 126.34
- 77.00
- 39.32
- 39.21
- 26.30
- 25.07
- 2.62
- 2.74

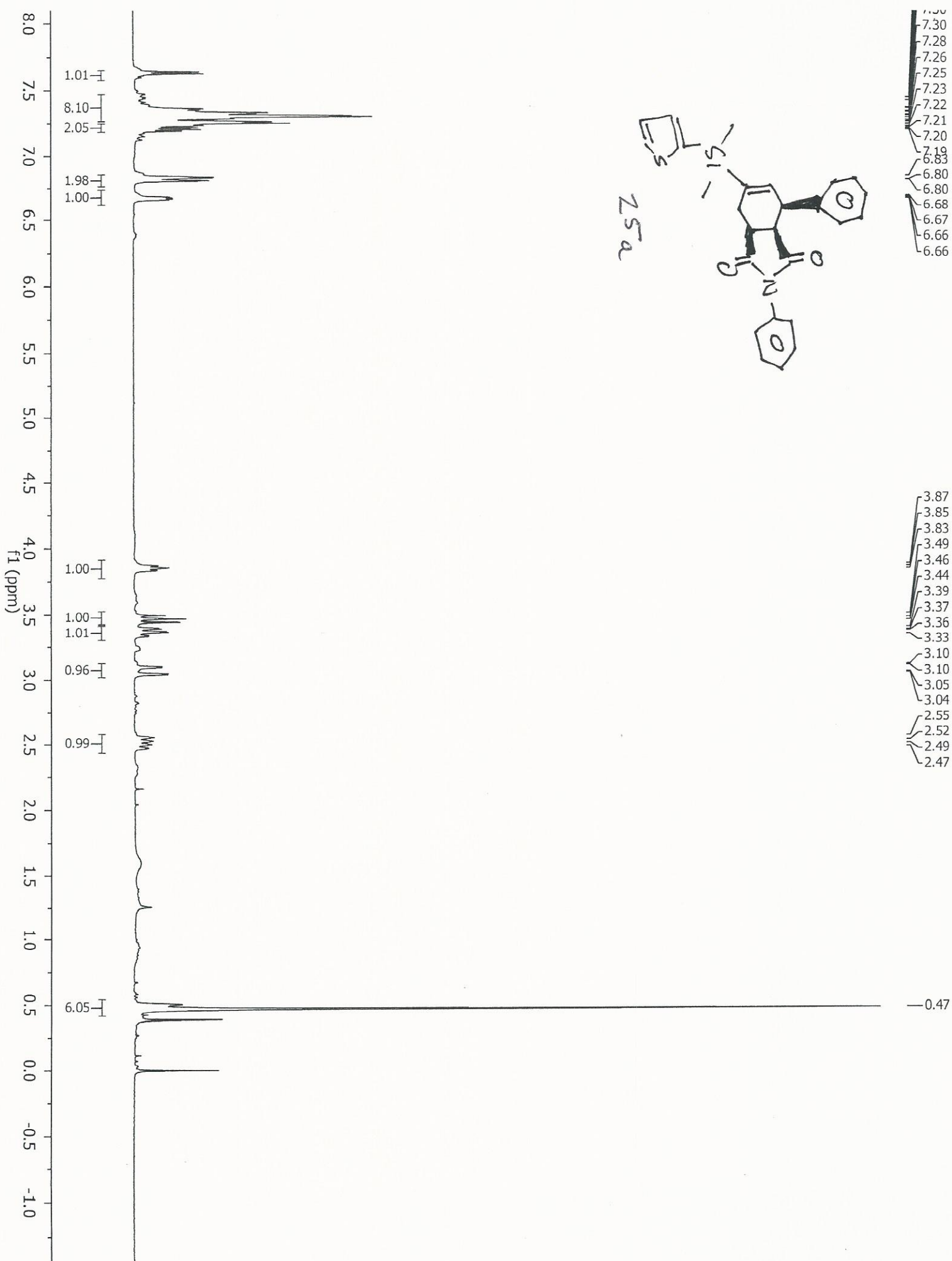


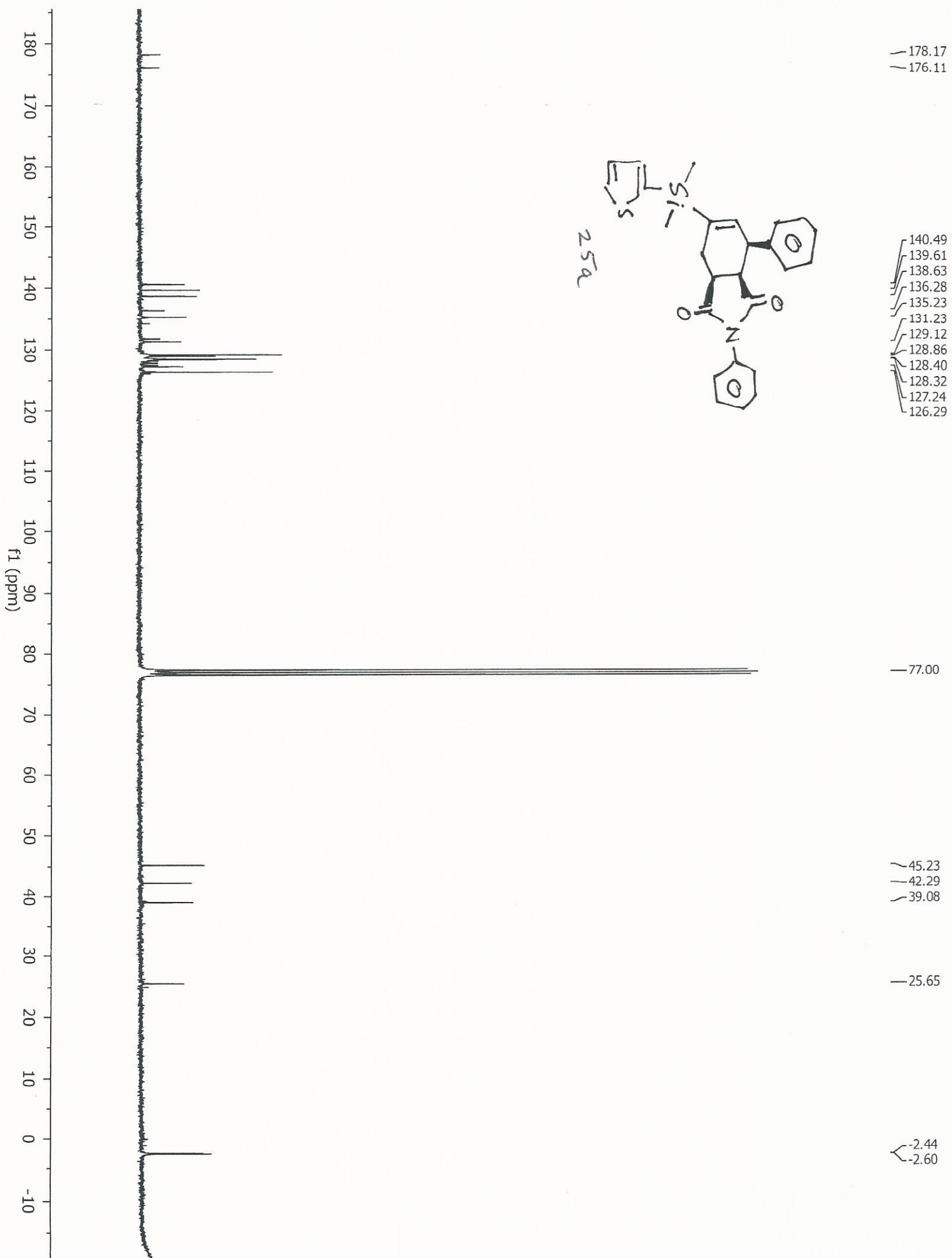
90
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0
-10

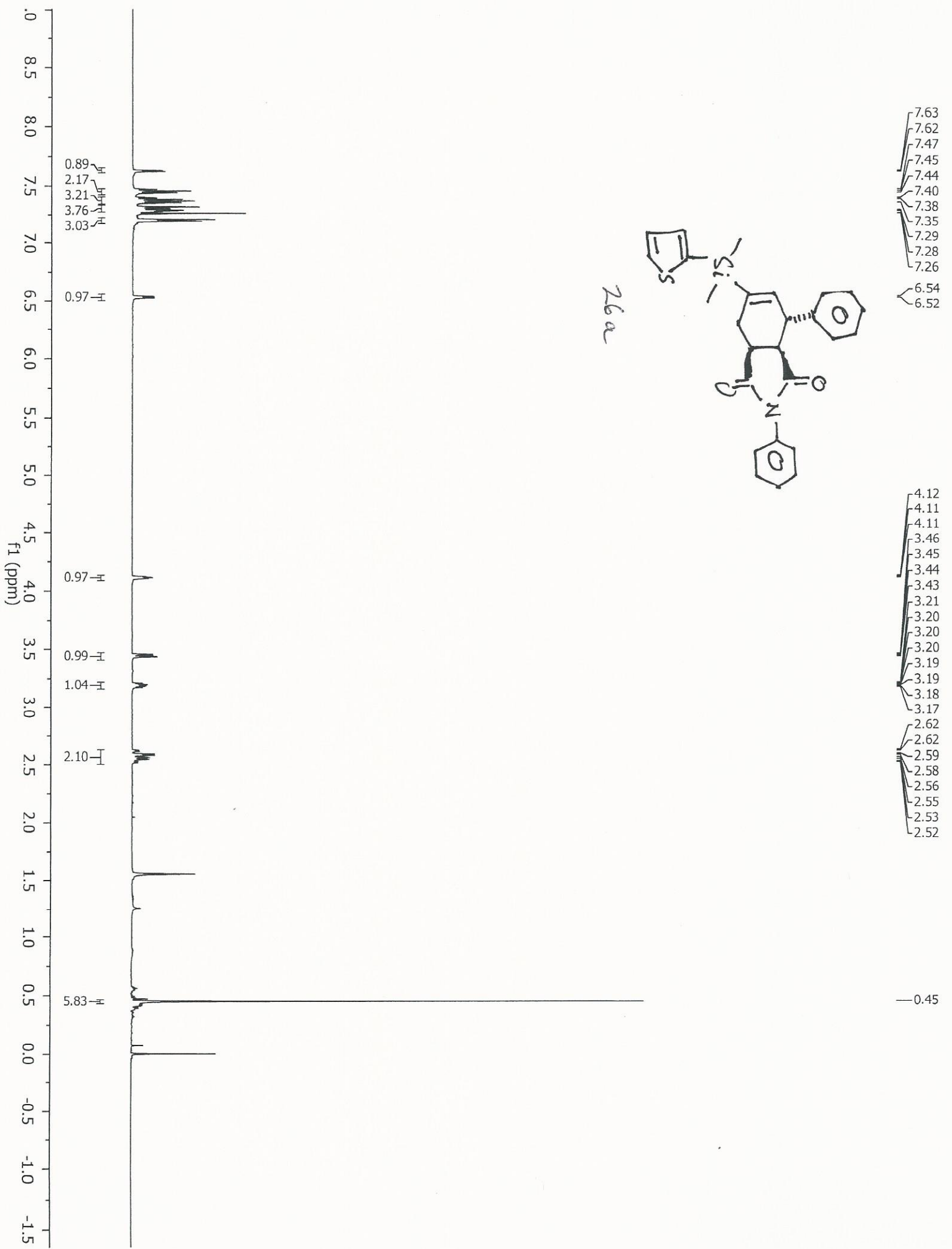
f1 (ppm)

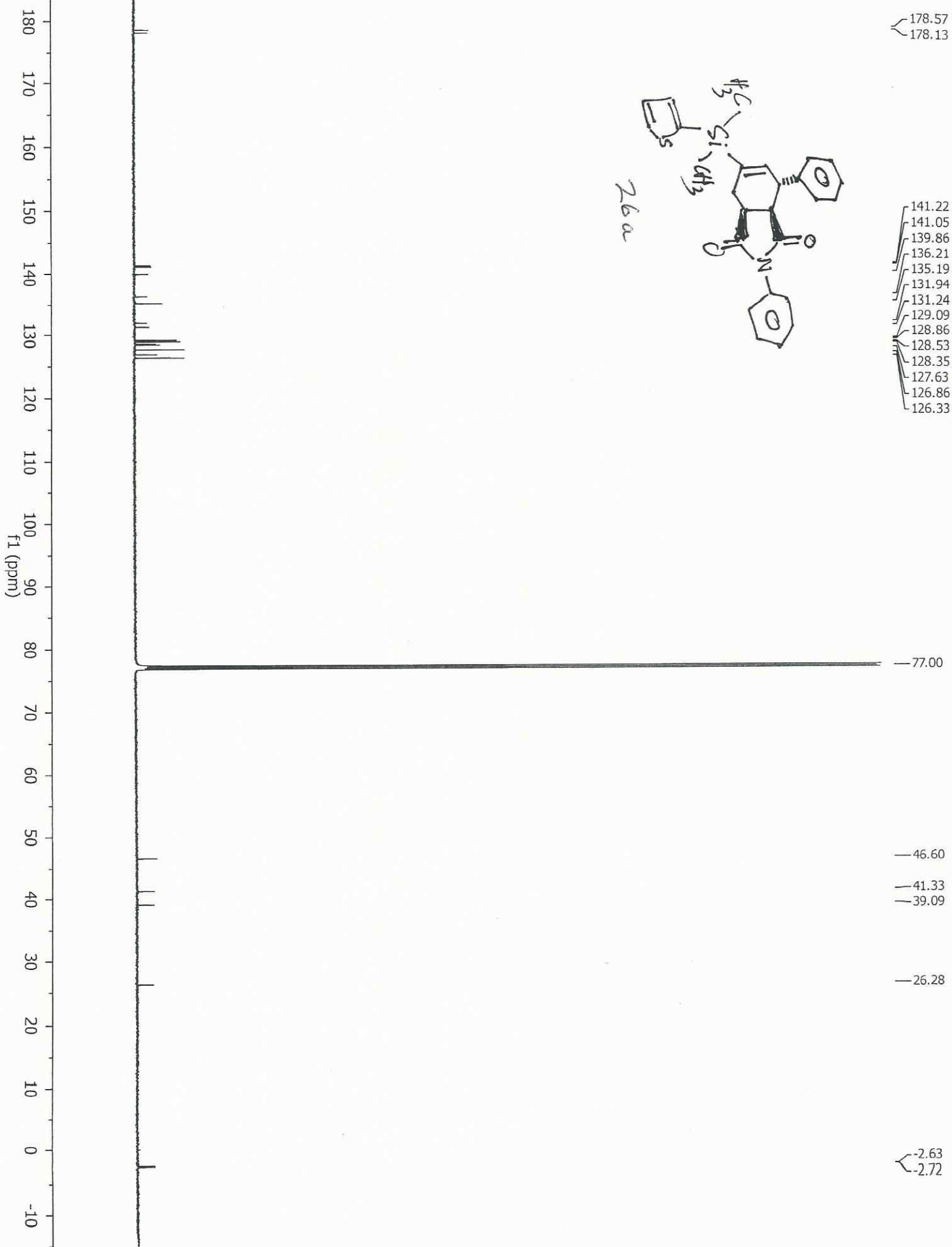


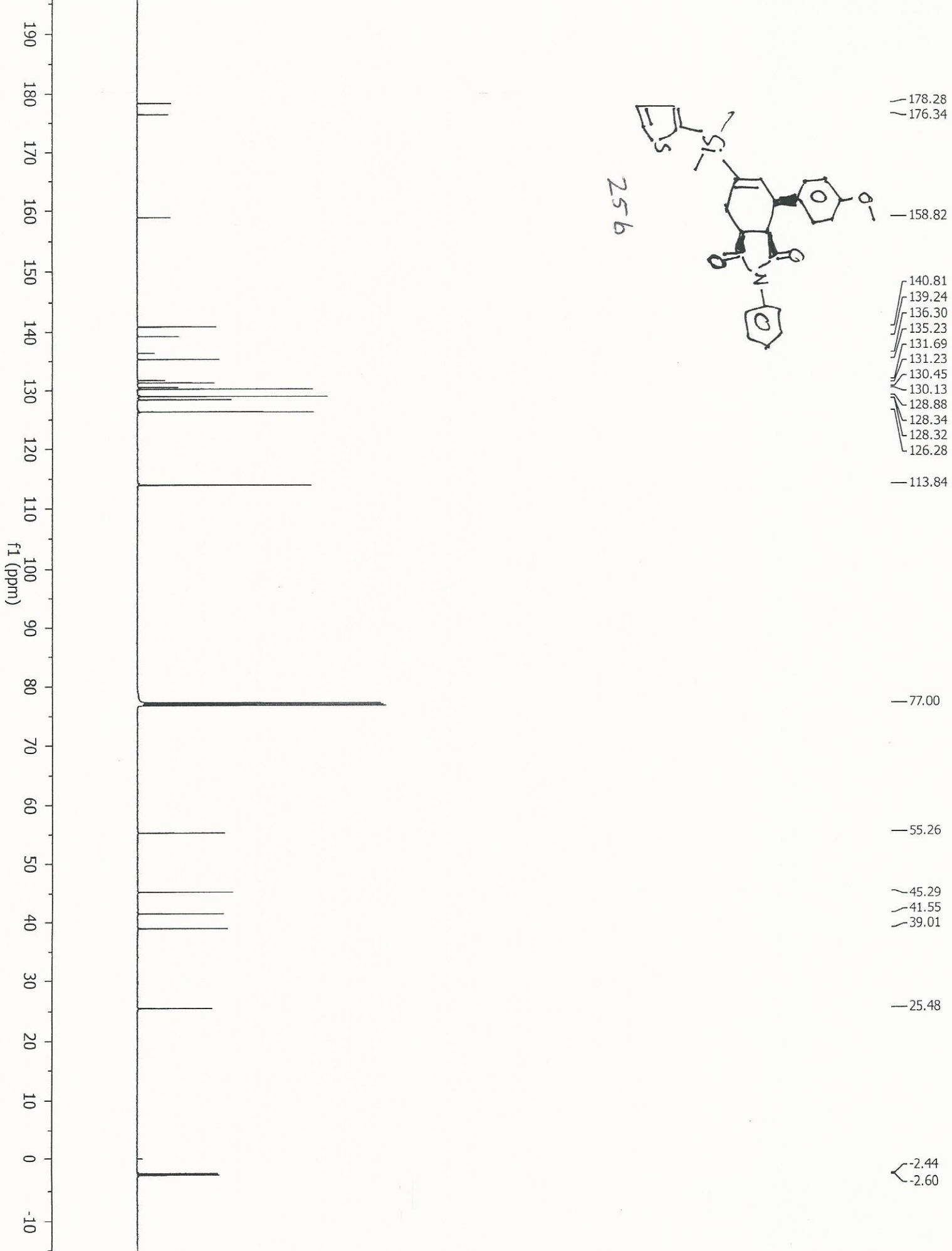
- 181.90
- 177.89
- 140.05
- 139.29
- 138.53
- 135.09
- 132.01
- 131.05
- 129.02
- 128.44
- 128.24
- 126.35
- 77.00
- 47.27
- 44.30
- 33.85
- 26.85
- 24.77
- 2.57
- 2.67



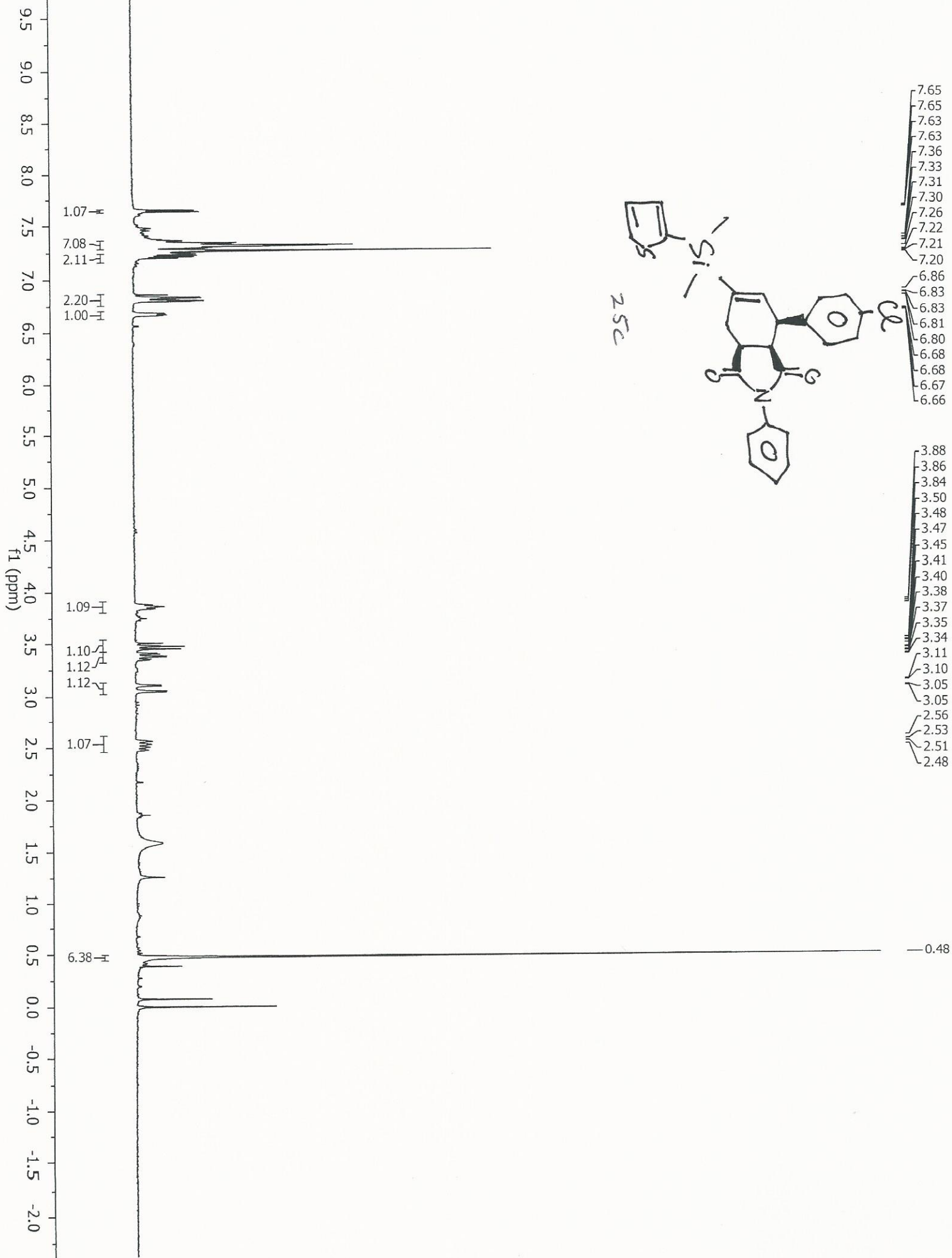


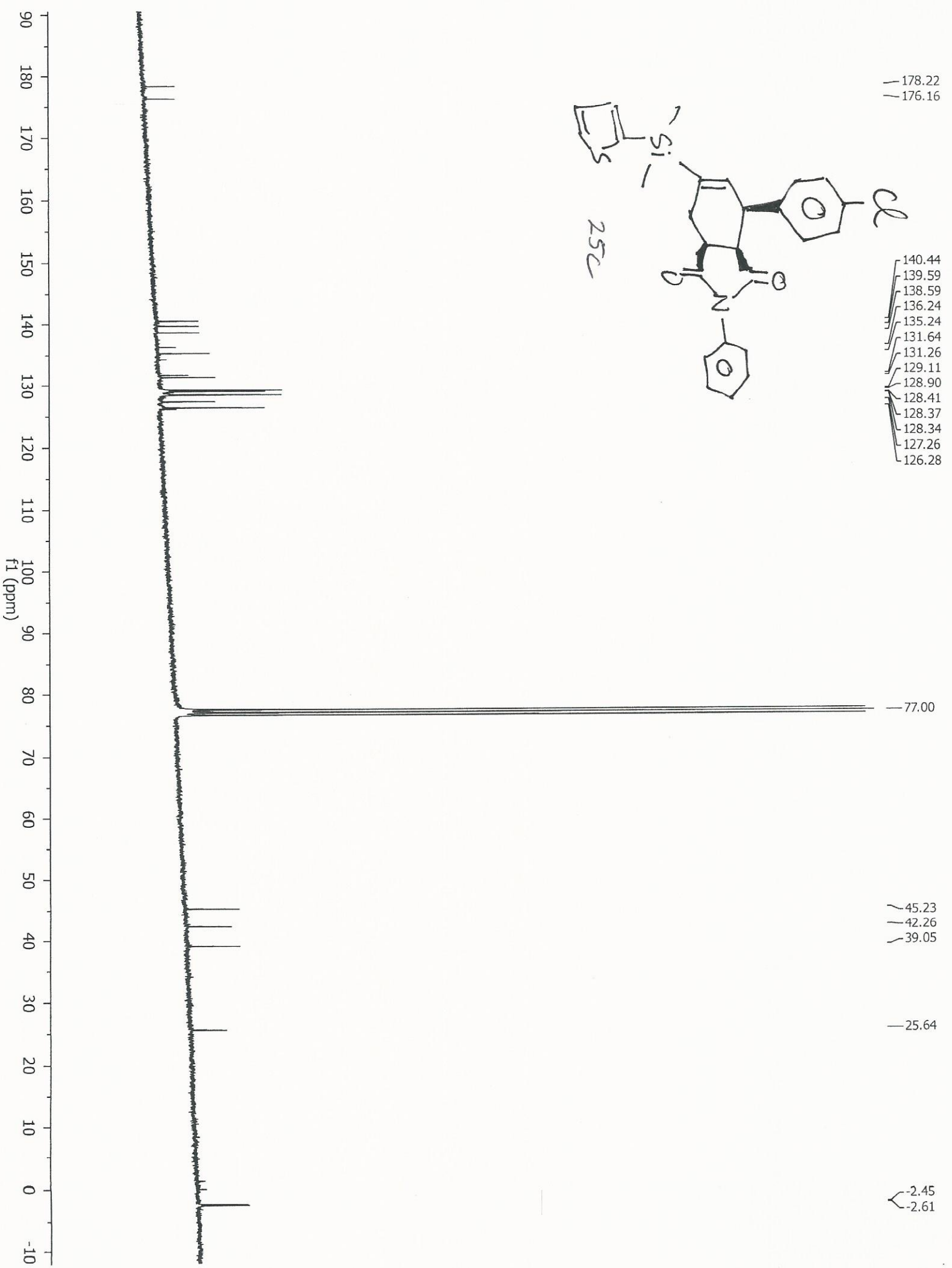




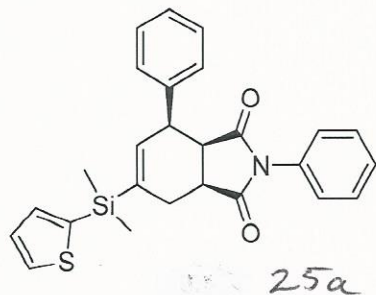


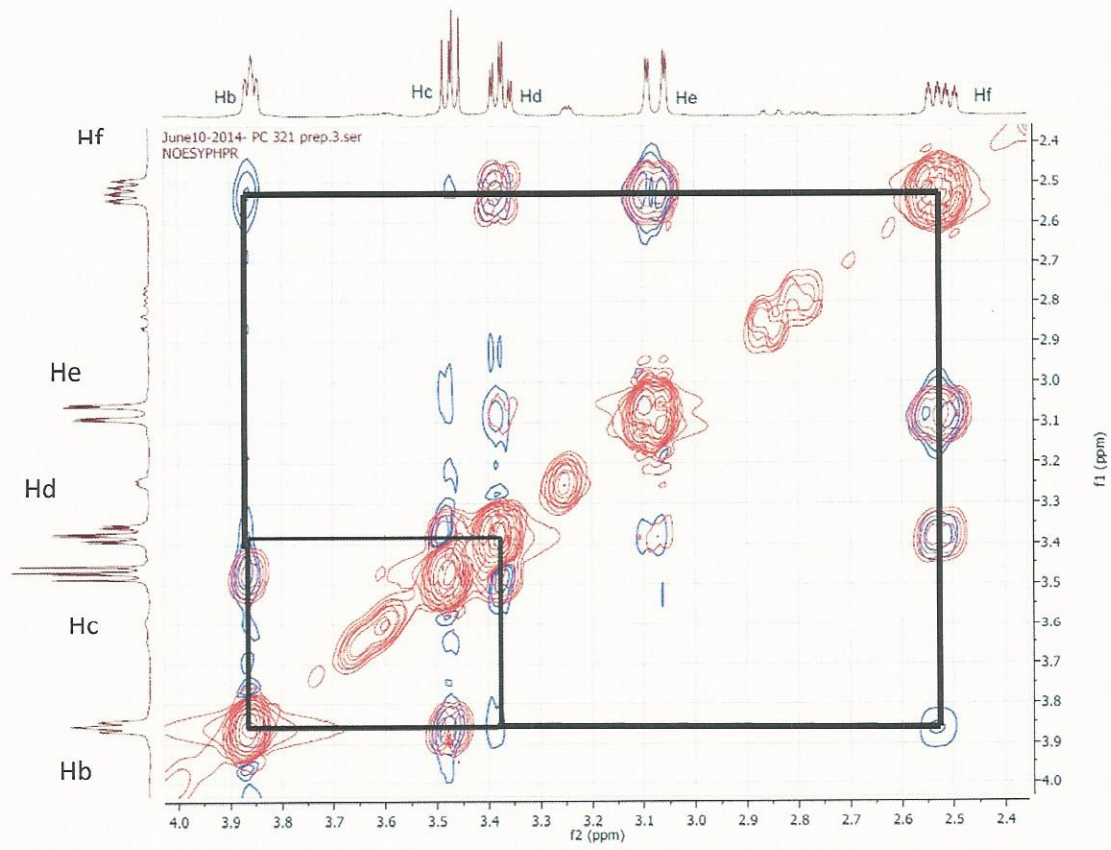
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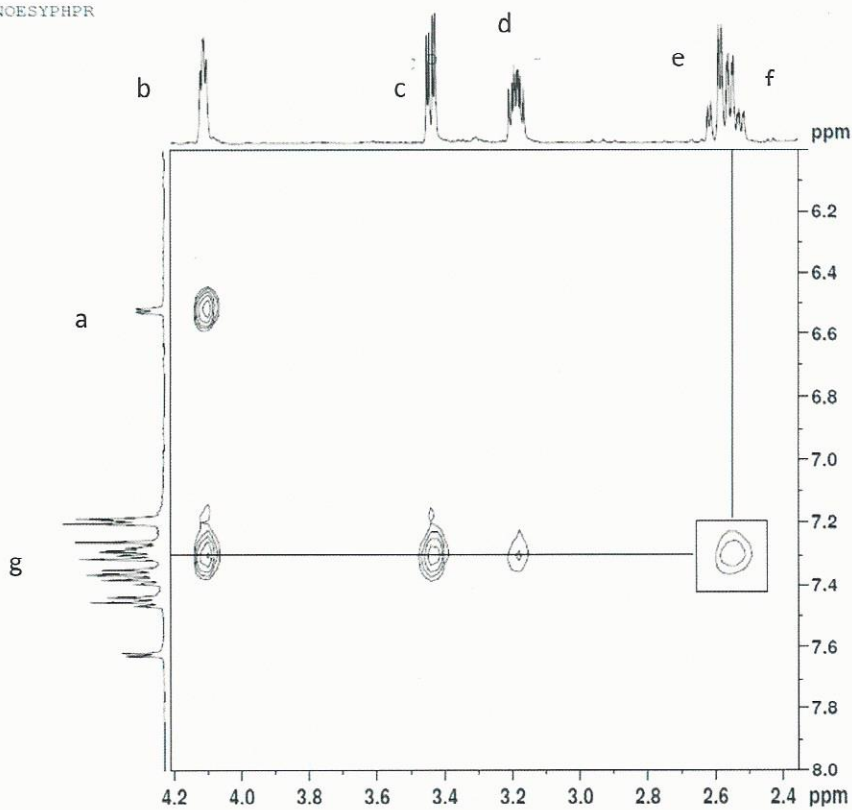
Superimposed NOESY and COSY spectra of Molecule 25a





NOESY Spectrum of ~~13C~~ 25a

NOESYHPR



Current Data Parameters
NAME: 000012_0014 F2: 721 kHz
EXPNO: 1
PROCNO: 1

F2 Acquisition Parameters
Date_ 20140112
Time 11.17
INSTRUM spect
PROBHD 5 mm Multispec
PULPROG zgpg30
ID 2546
SOLVENT CDCl3
NS 14
DS 4
SWH 5122.551 Hz
FIDRES 2.501441 Hz
AQ 0.1000194 sec
RG 322.3
SM 97.400 uS/cm
SFO 500.136261 MHz
SF 500.136261 MHz
WDW 0.00000000 sec
SSB 0.00000000 sec
LB 0.00100000 Hz
GB 0.00000000 sec
PC 0.37580000 sec

----- CHANNEL f1 -----
NUC1 1H
P1 8.70 uS/cm
PL1 0.00 dB
SFO1 500.136261 MHz

----- CHANNEL f2 -----
CPDPRG2 zgpg30
GPNAM2 2D NMR
SFO2 500.136261 MHz
WDW 0.00000000 sec
SSB 0.00000000 sec
LB 0.00100000 Hz
GB 0.00000000 sec
PC 0.37580000 sec

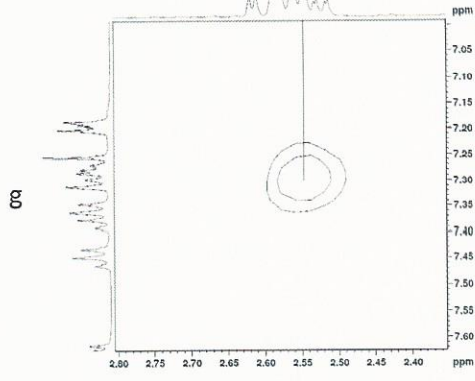
F1 Acquisition parameters
EXPNO 1
SFO1 500.136261 MHz
FIDRES 20.011524 Hz
AQ 0.1000194 sec
RG 322.3
SFO2 500.136261 MHz

F2 Processing parameters
SI 327
SF 500.136261 MHz
WDW 0.00000000 sec
SSB 0.00000000 sec
LB 0.00 Hz
GB 0.00 Hz
PC 0.37580000 sec

F1 Processing parameters
SI 327
SF 500.136261 MHz
WDW 0.00000000 sec
SSB 0.00000000 sec
LB 0.00 Hz
GB 0.00 Hz
PC 0.37580000 sec

NOE270HR

e f



ppm

7.05
7.10
7.15
7.20
7.25
7.30
7.35
7.40
7.45
7.50
7.55
7.60

ppm