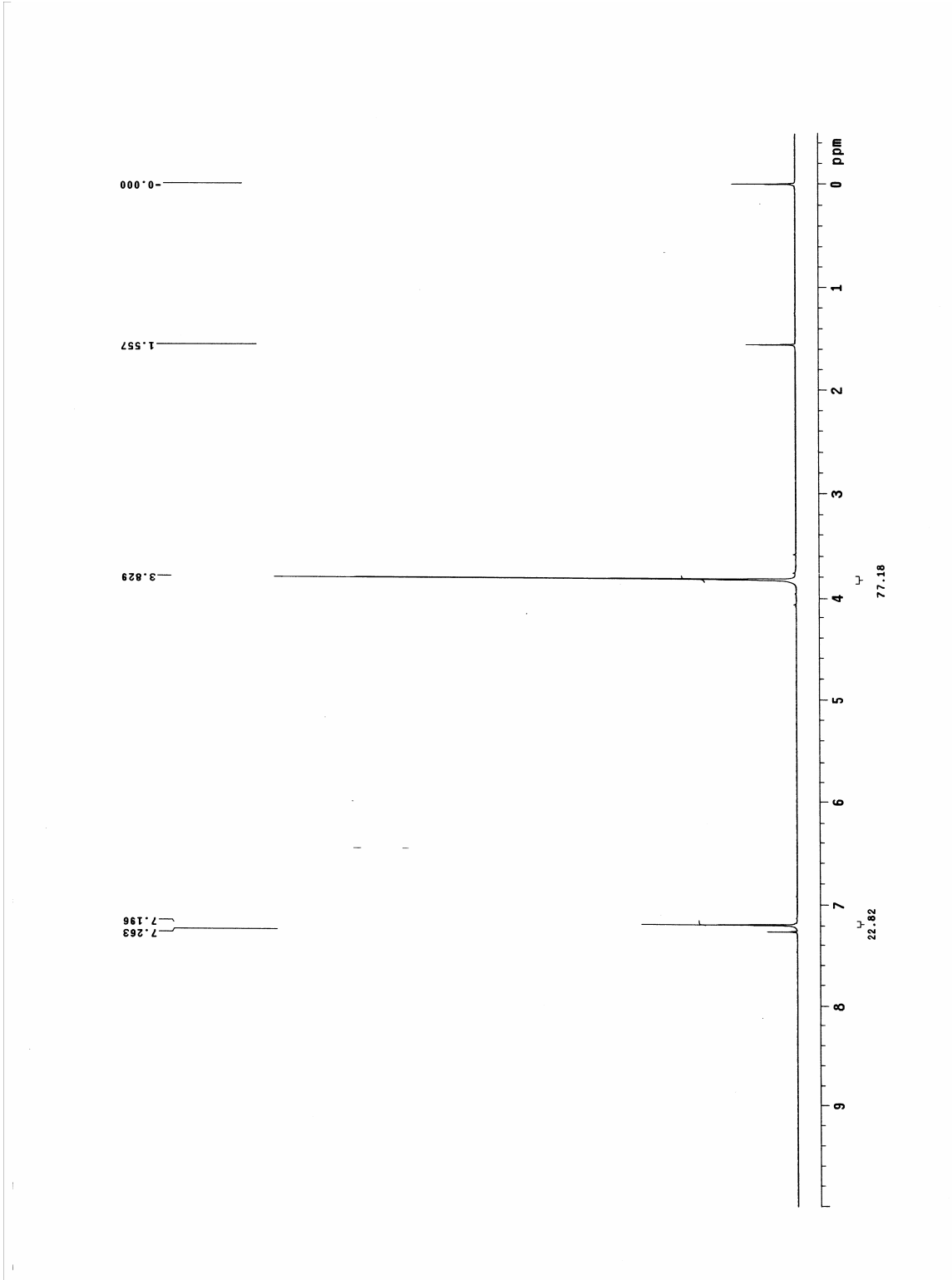
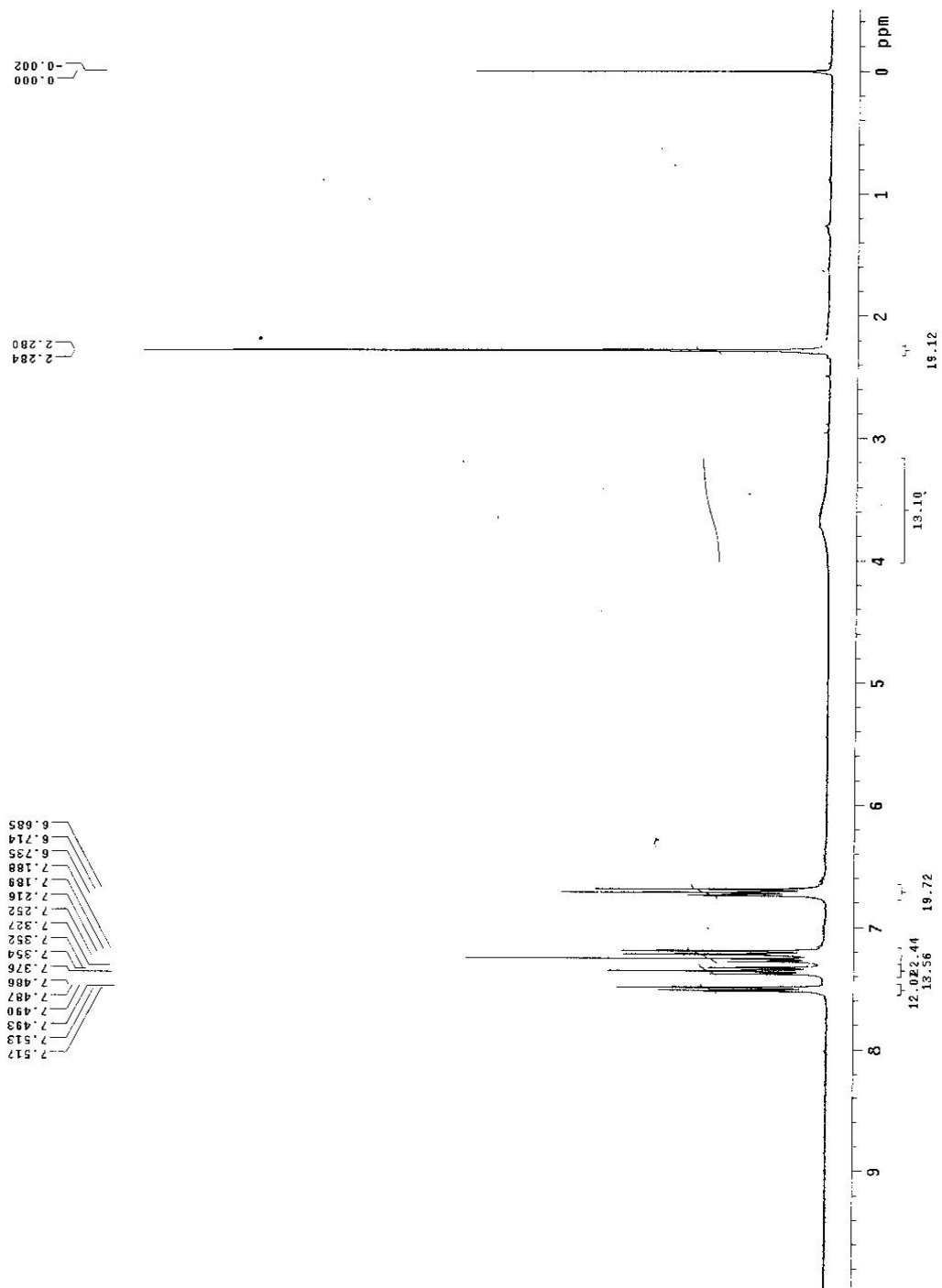


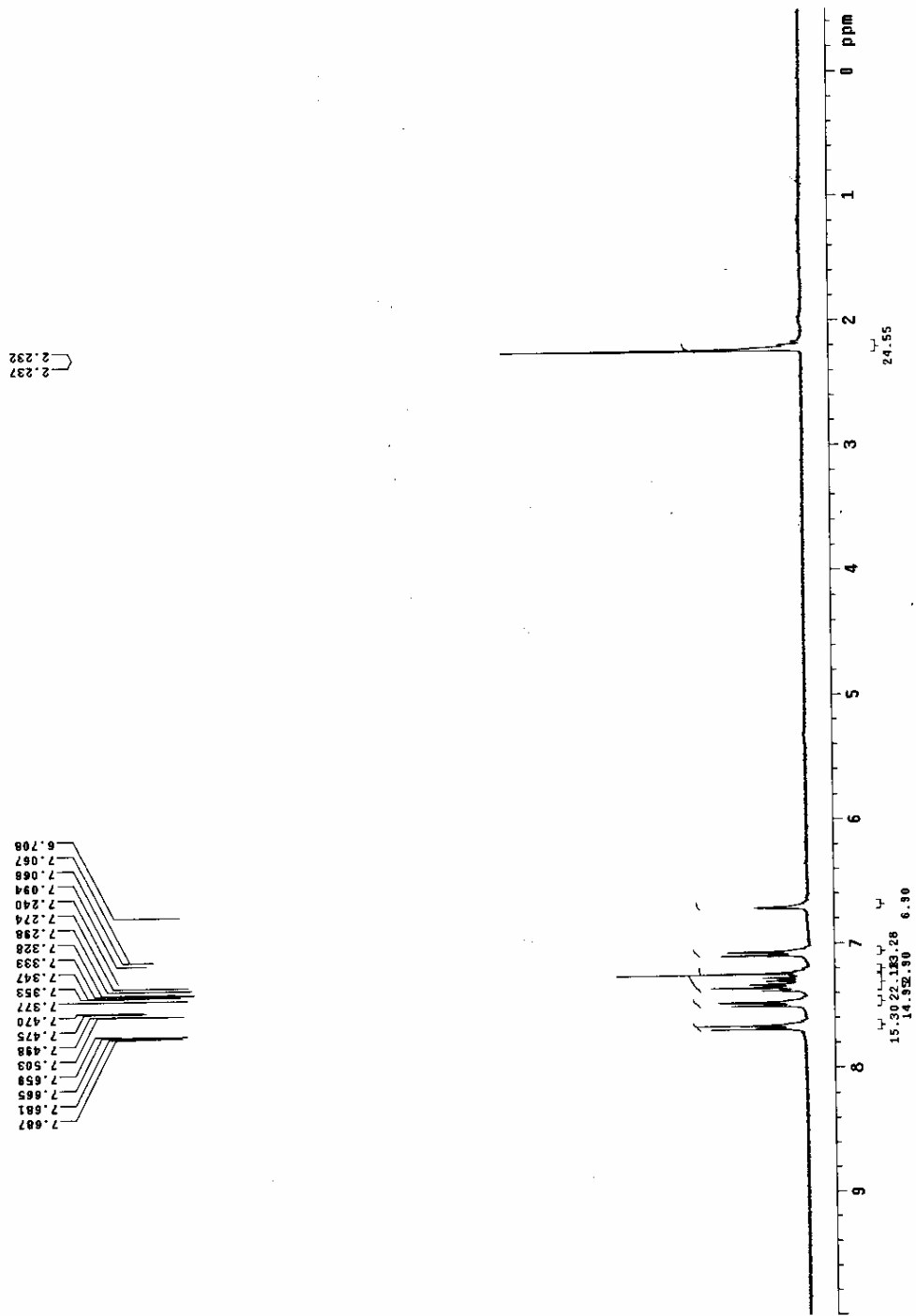
<sup>1</sup>H NMR of Compound 2



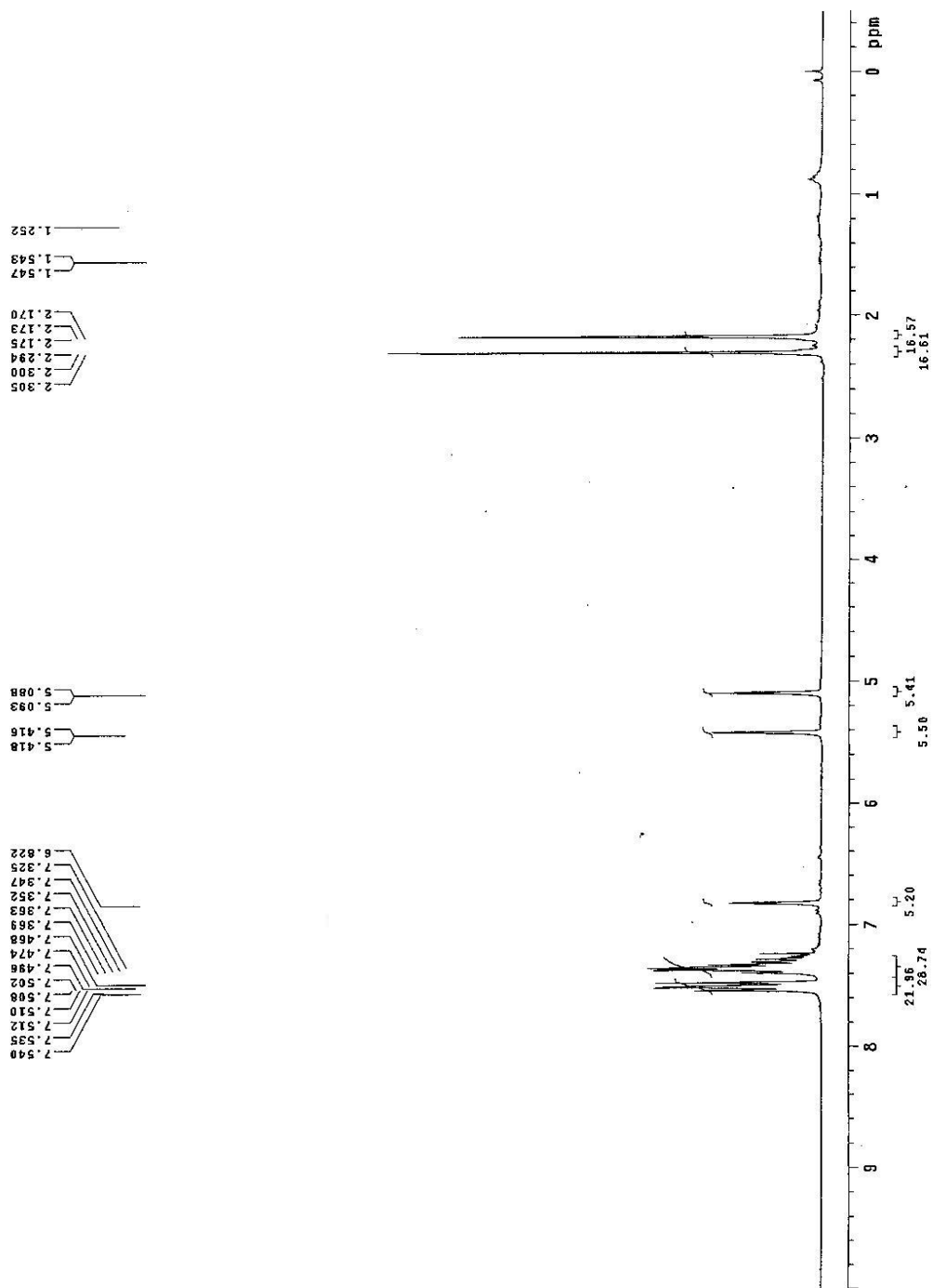
<sup>1</sup>H NMR of Compound 4



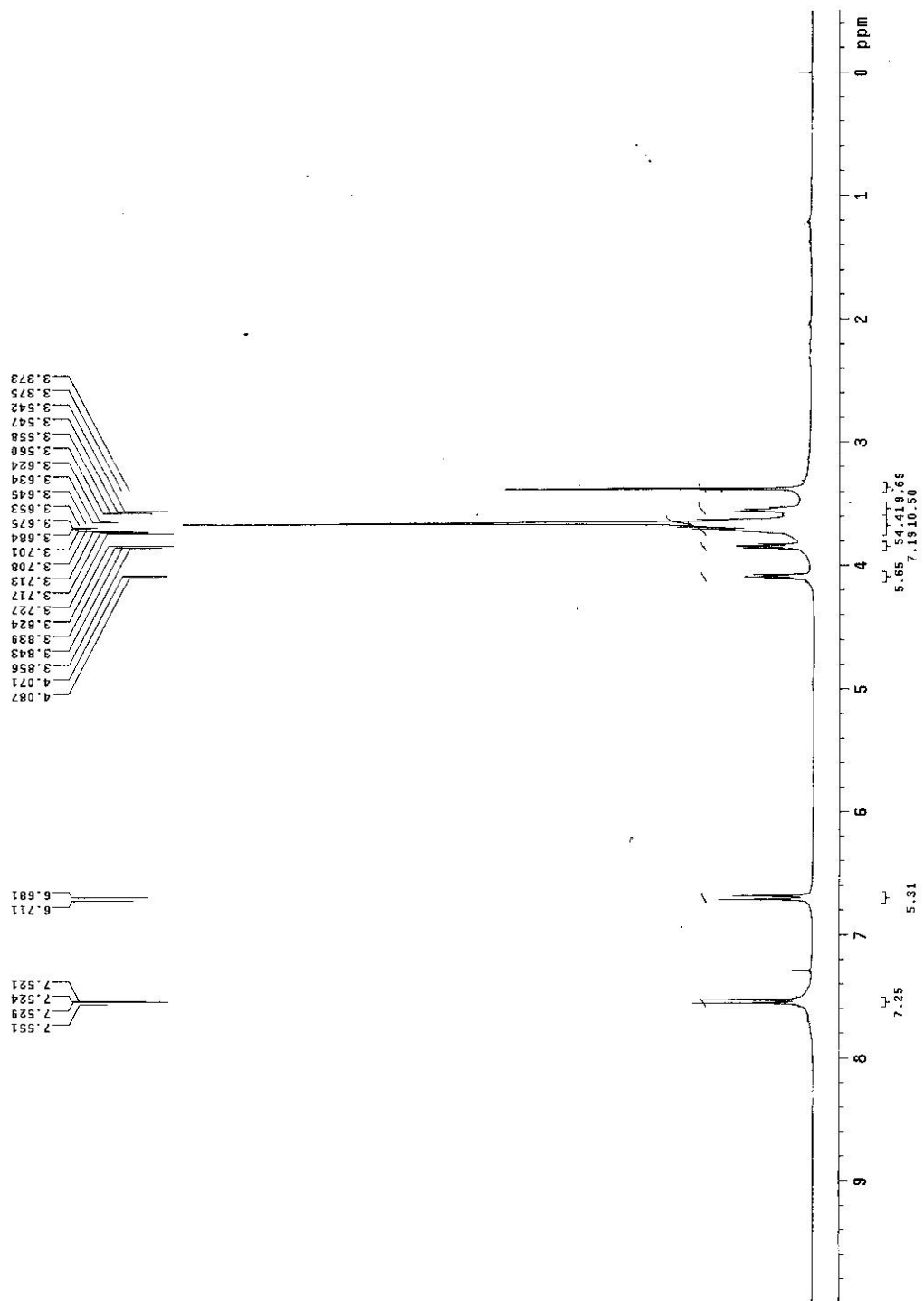
<sup>1</sup>H NMR of Compound 13



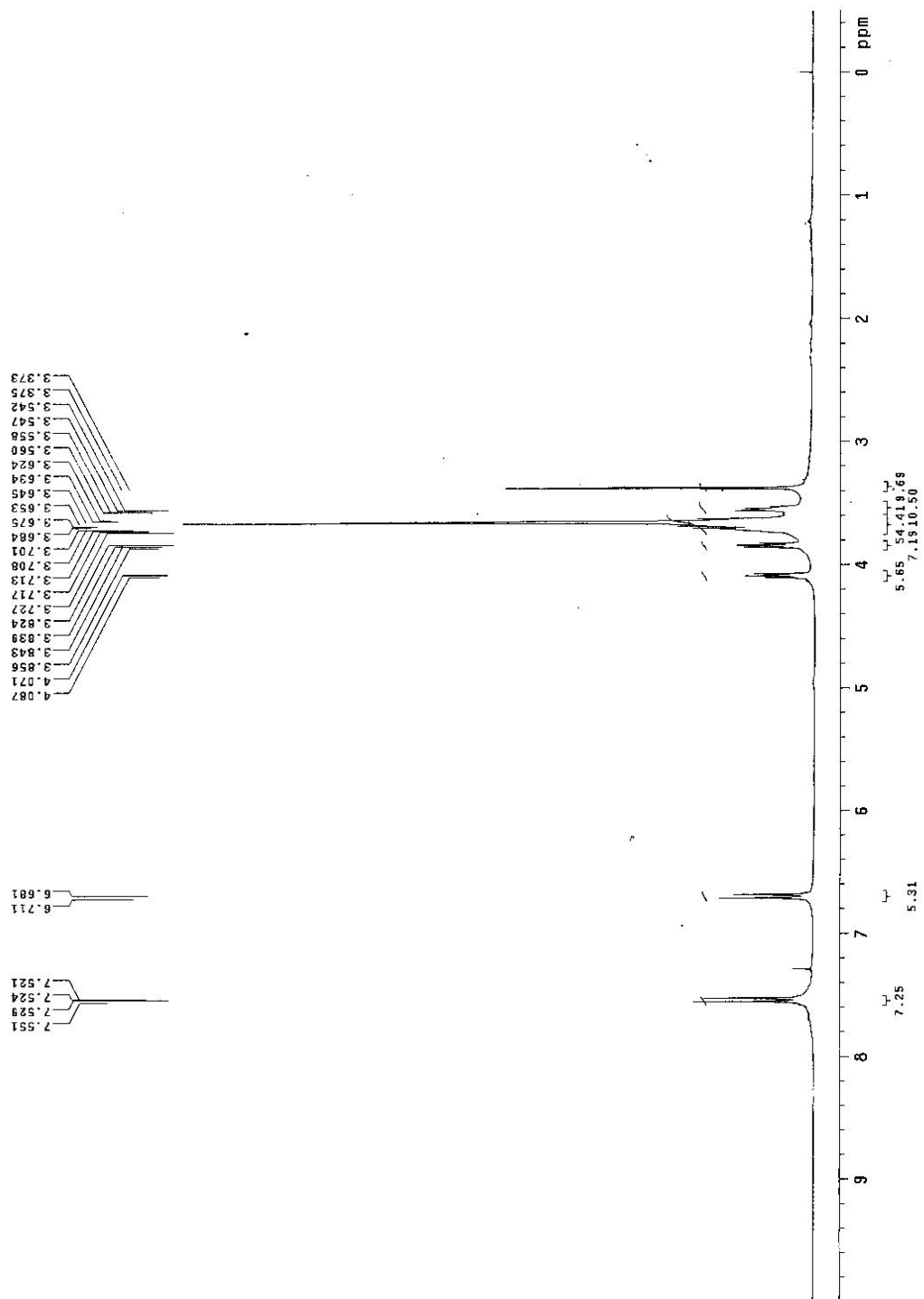
<sup>1</sup>H NMR of Compound 14



<sup>1</sup>H NMR of Compound 16



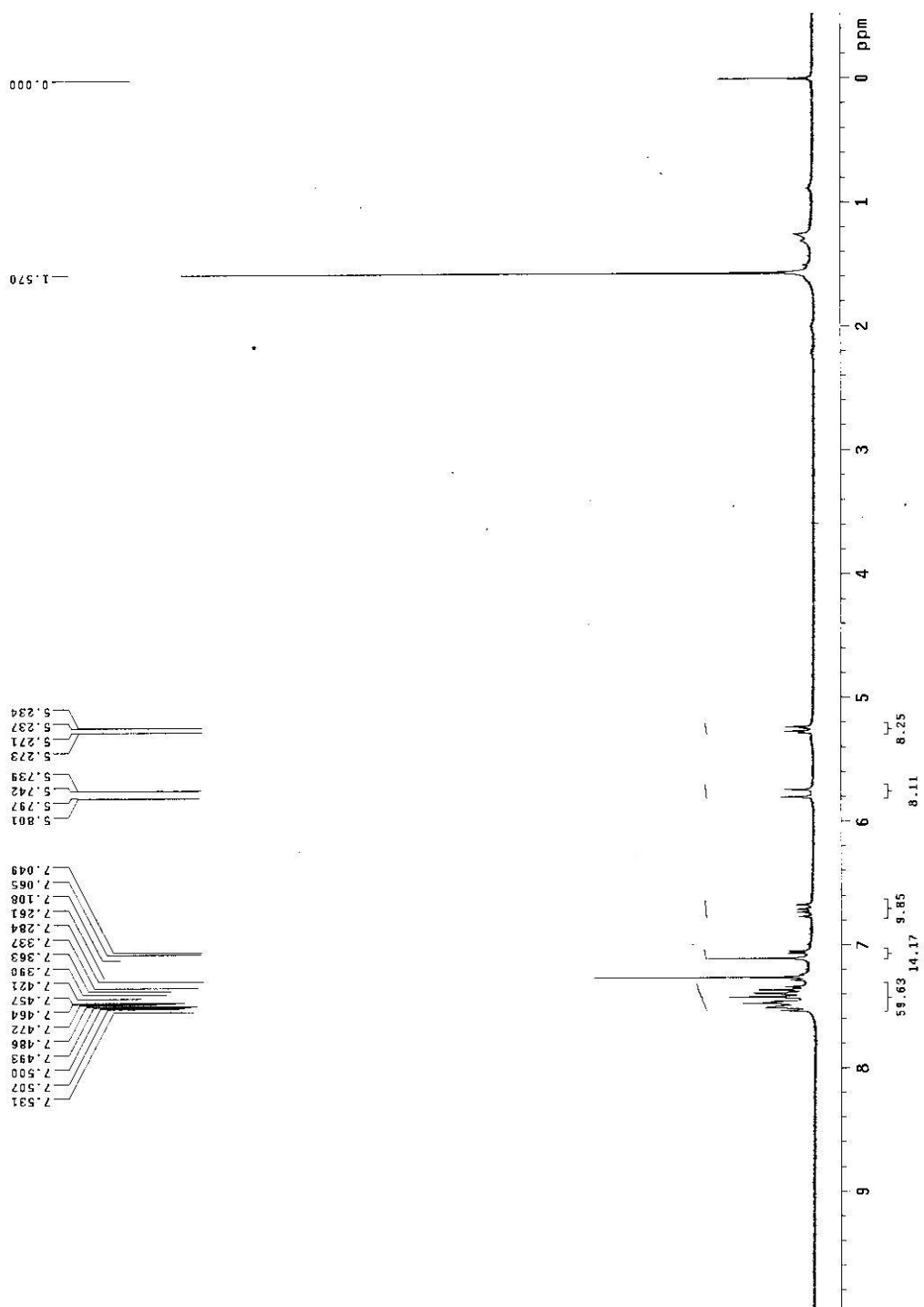
$^1\text{H}$  NMR of Compound 18a



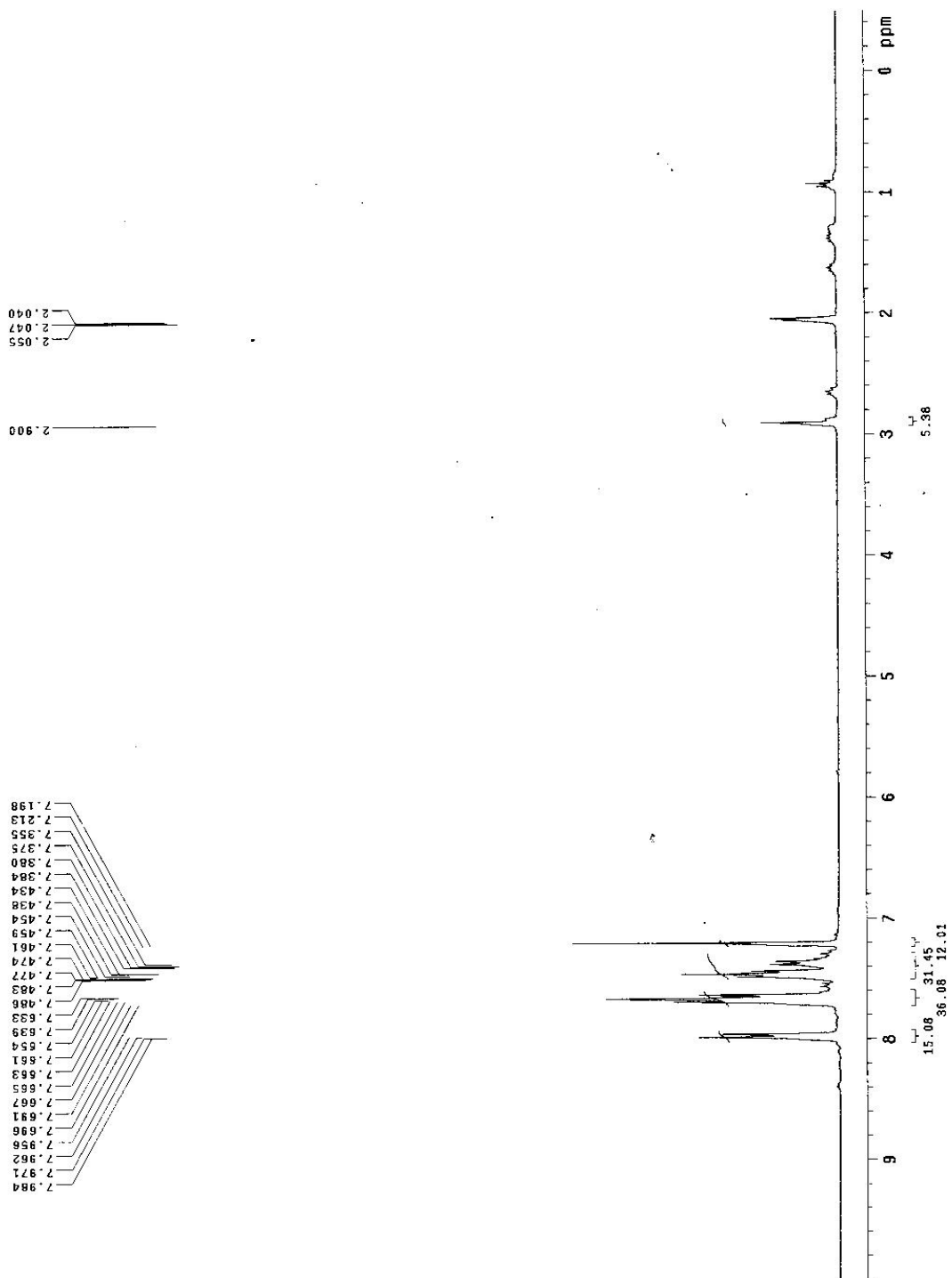
$^1\text{H}$  NMR of Compound **18b**



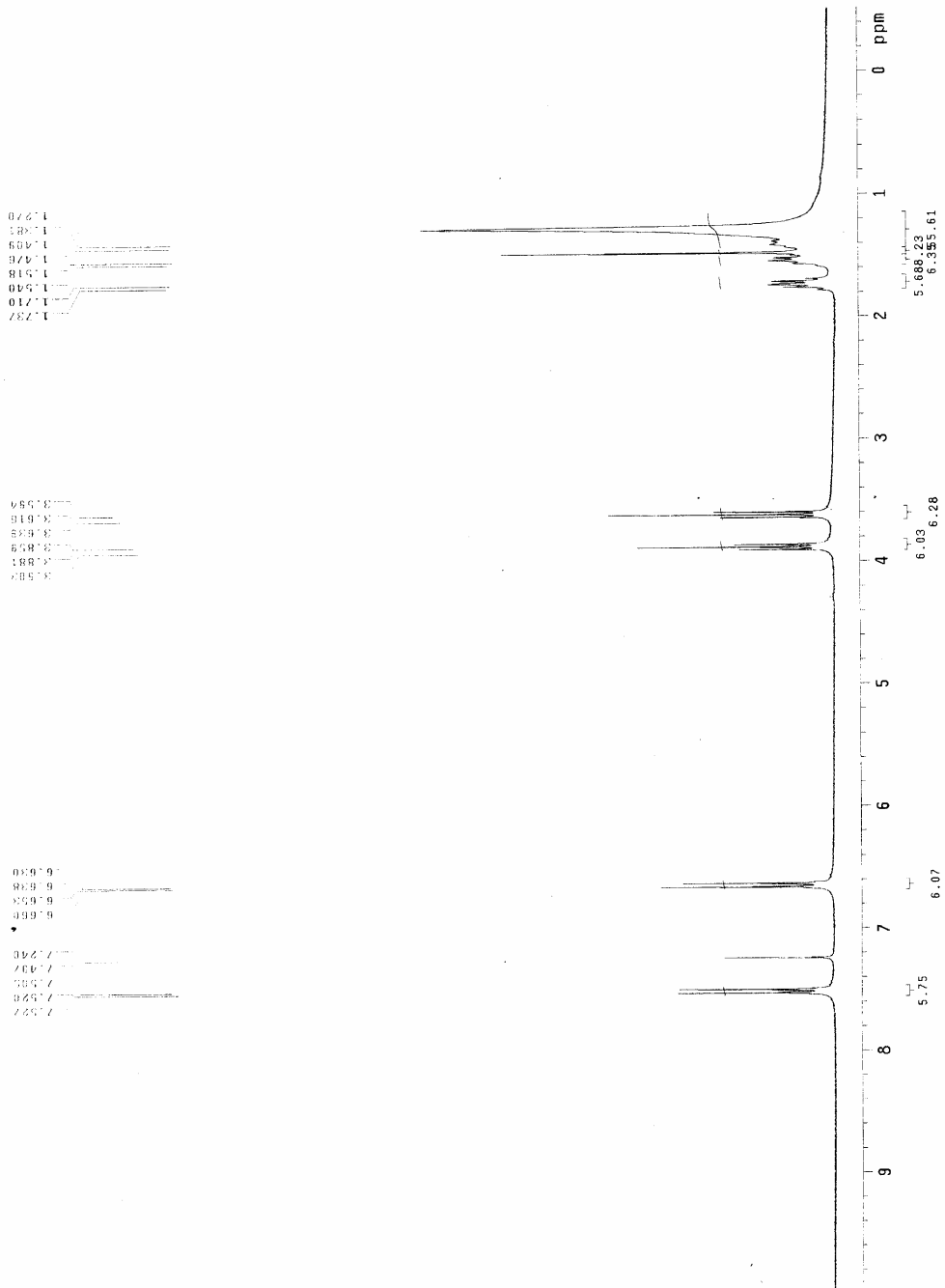




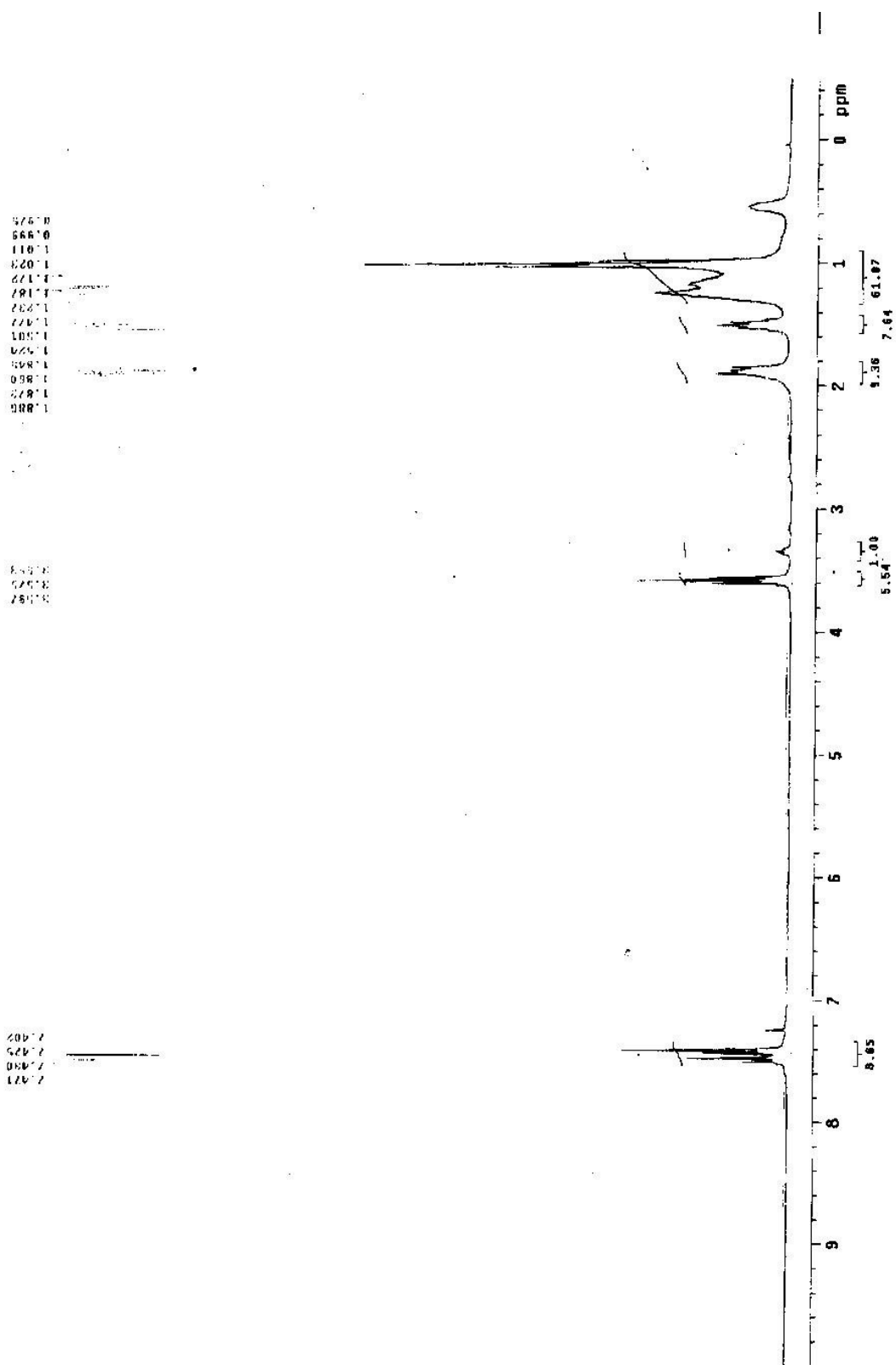
$^1\text{H}$  NMR of Compound **20**



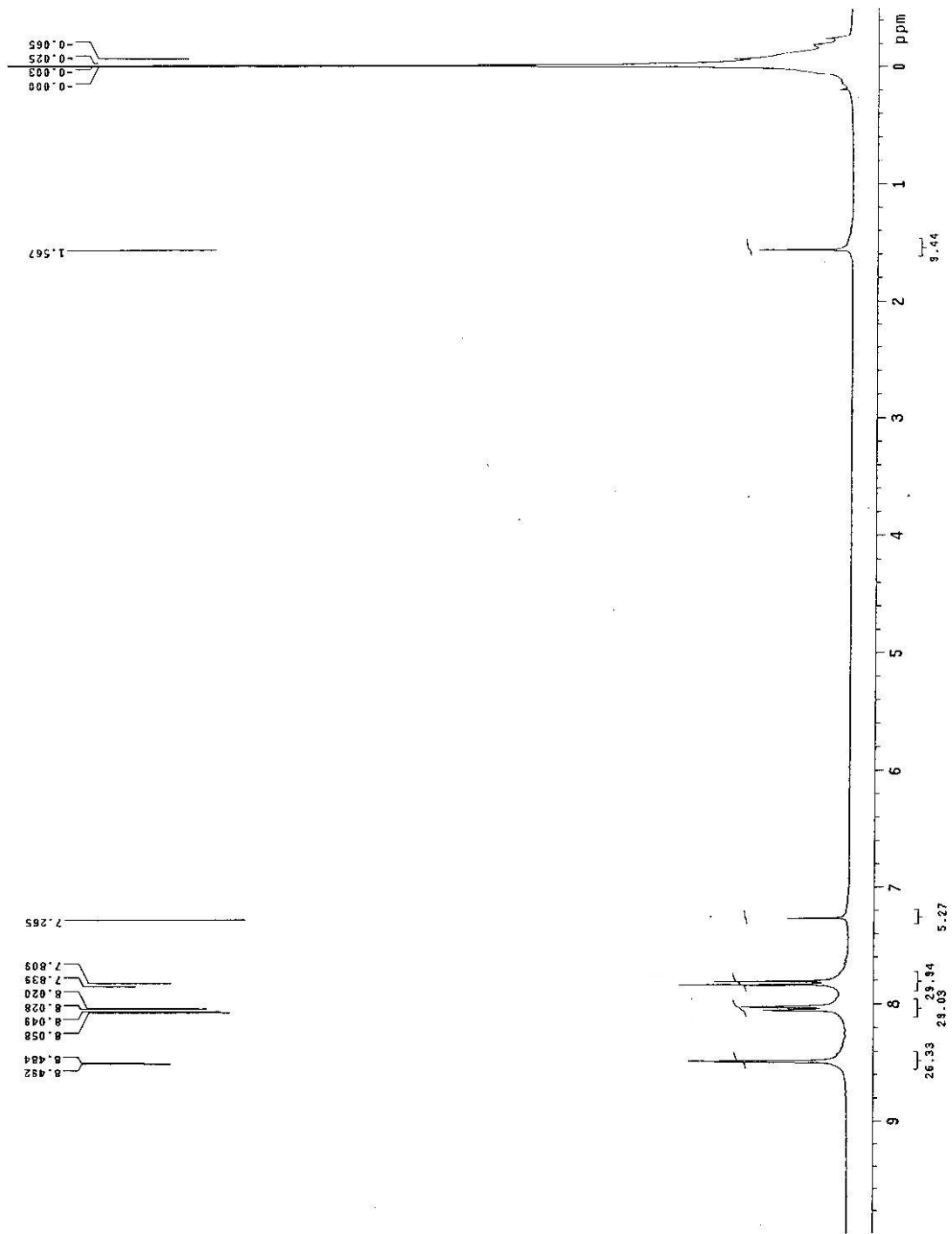
<sup>1</sup>H NMR of Compound 22



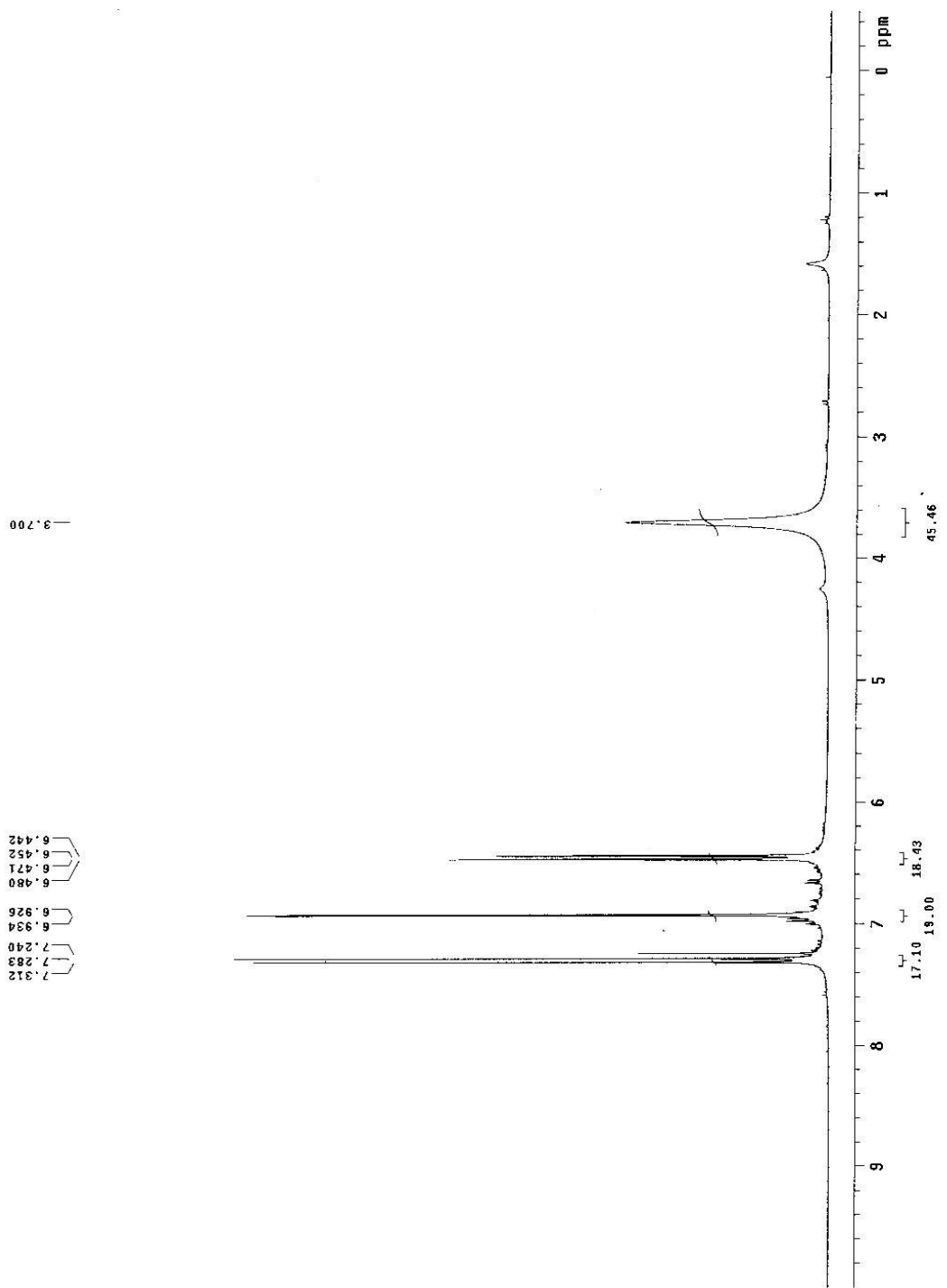
<sup>1</sup>H NMR of Compound 23



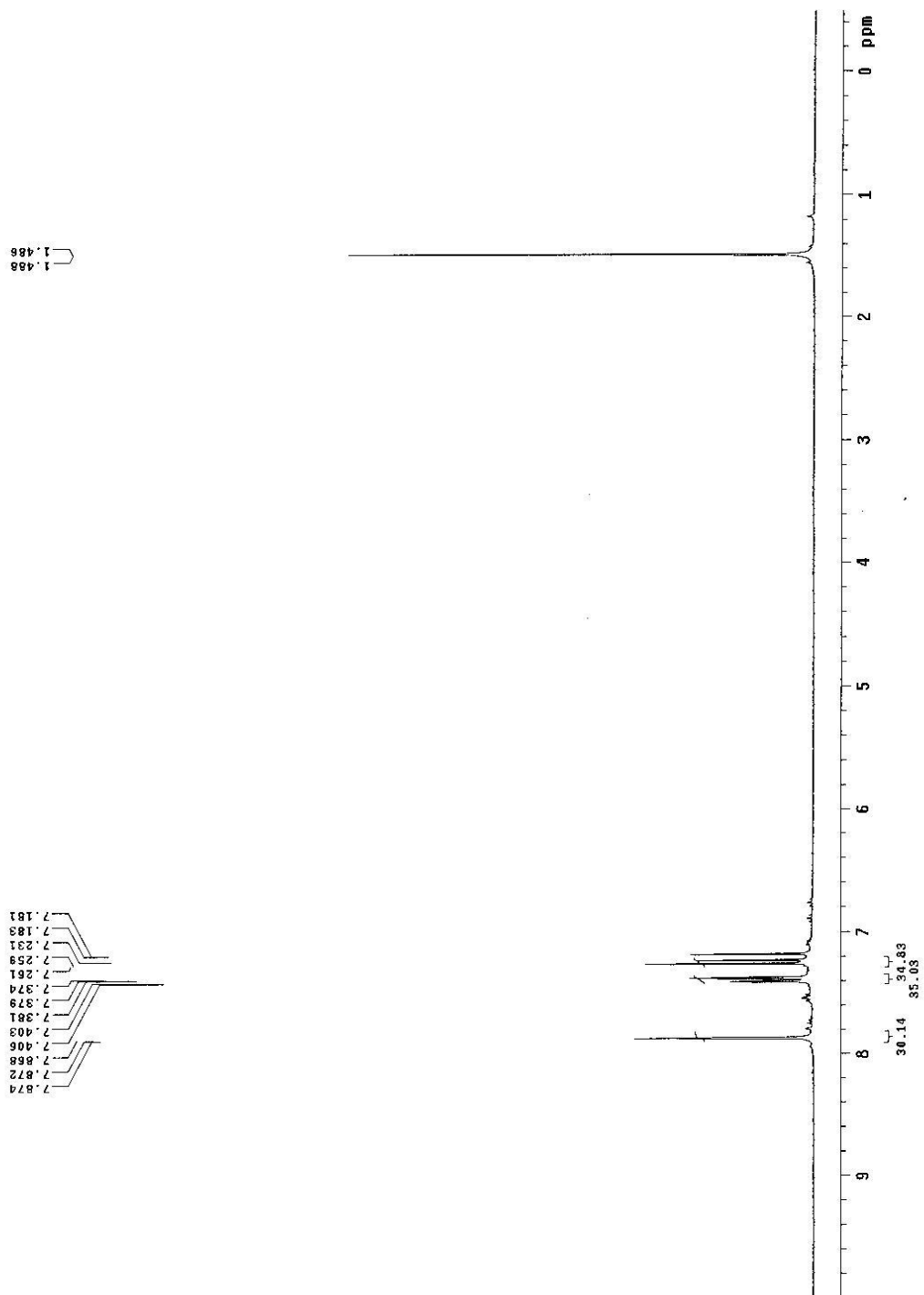
<sup>1</sup>H NMR of Compound 25



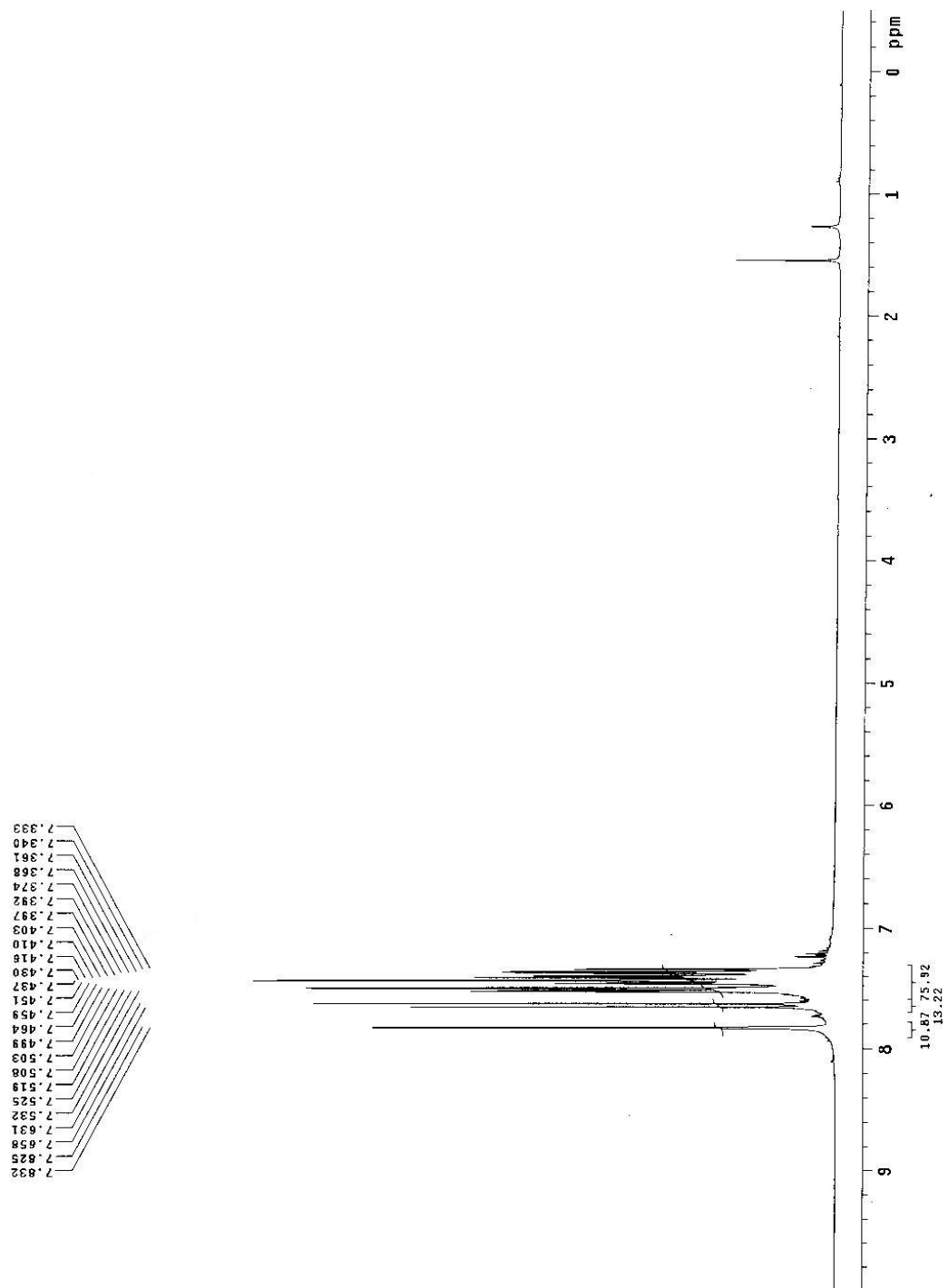
$^1\text{H}$  NMR of Compound 27



<sup>1</sup>H NMR of Compound 28

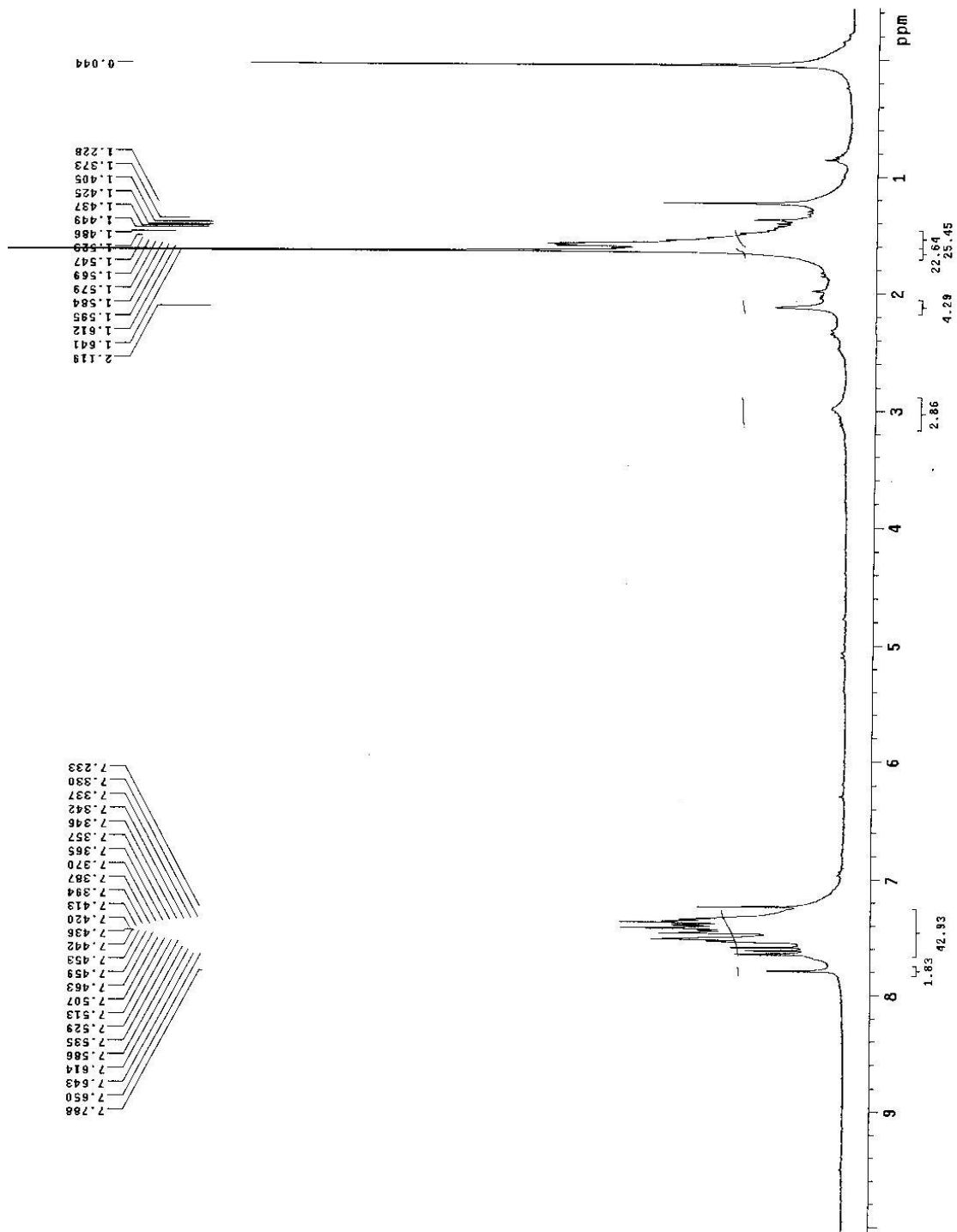


$^1\text{H}$  NMR of Compound 29

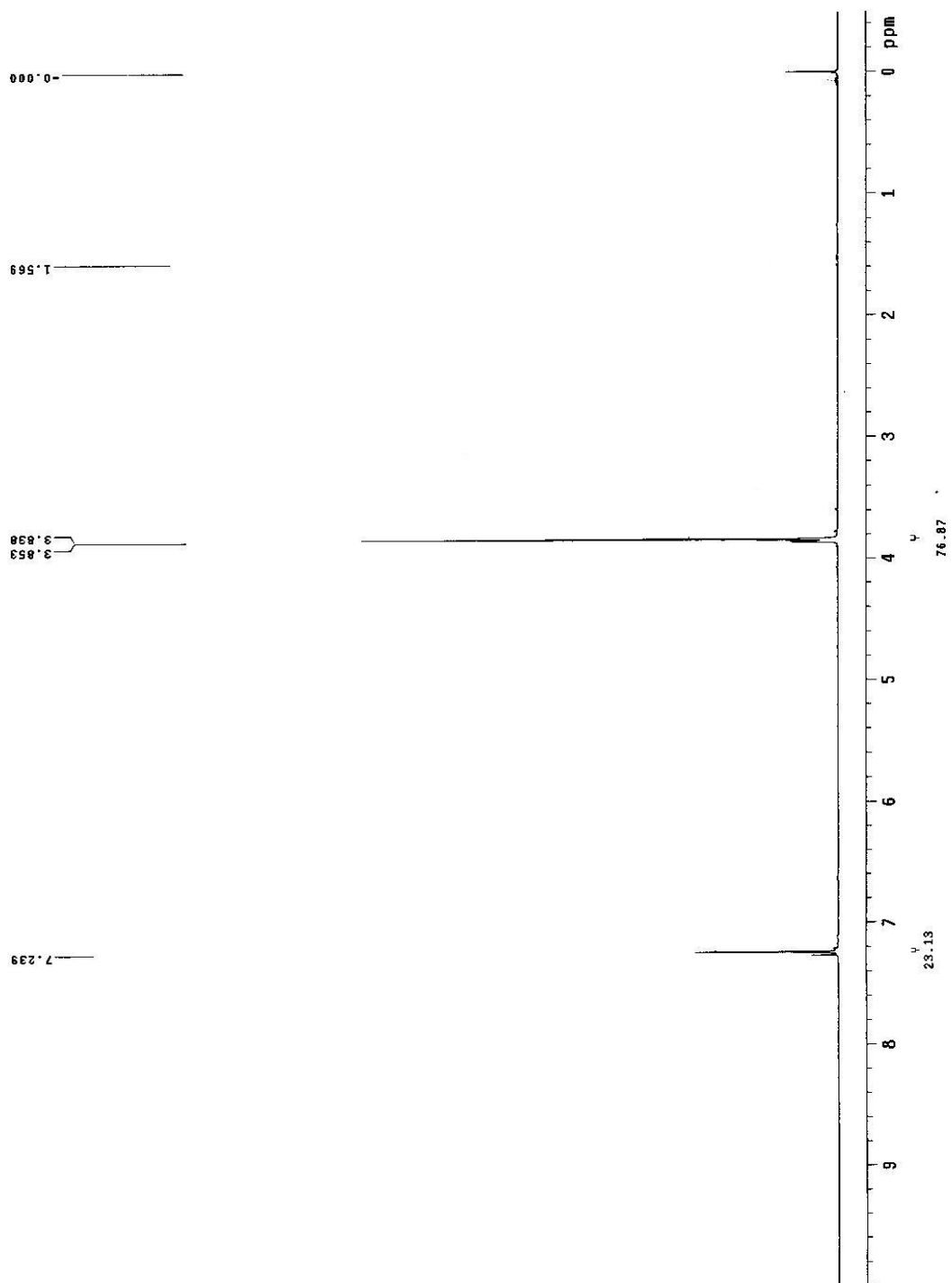


$^1\text{H}$  NMR of Compound **30**

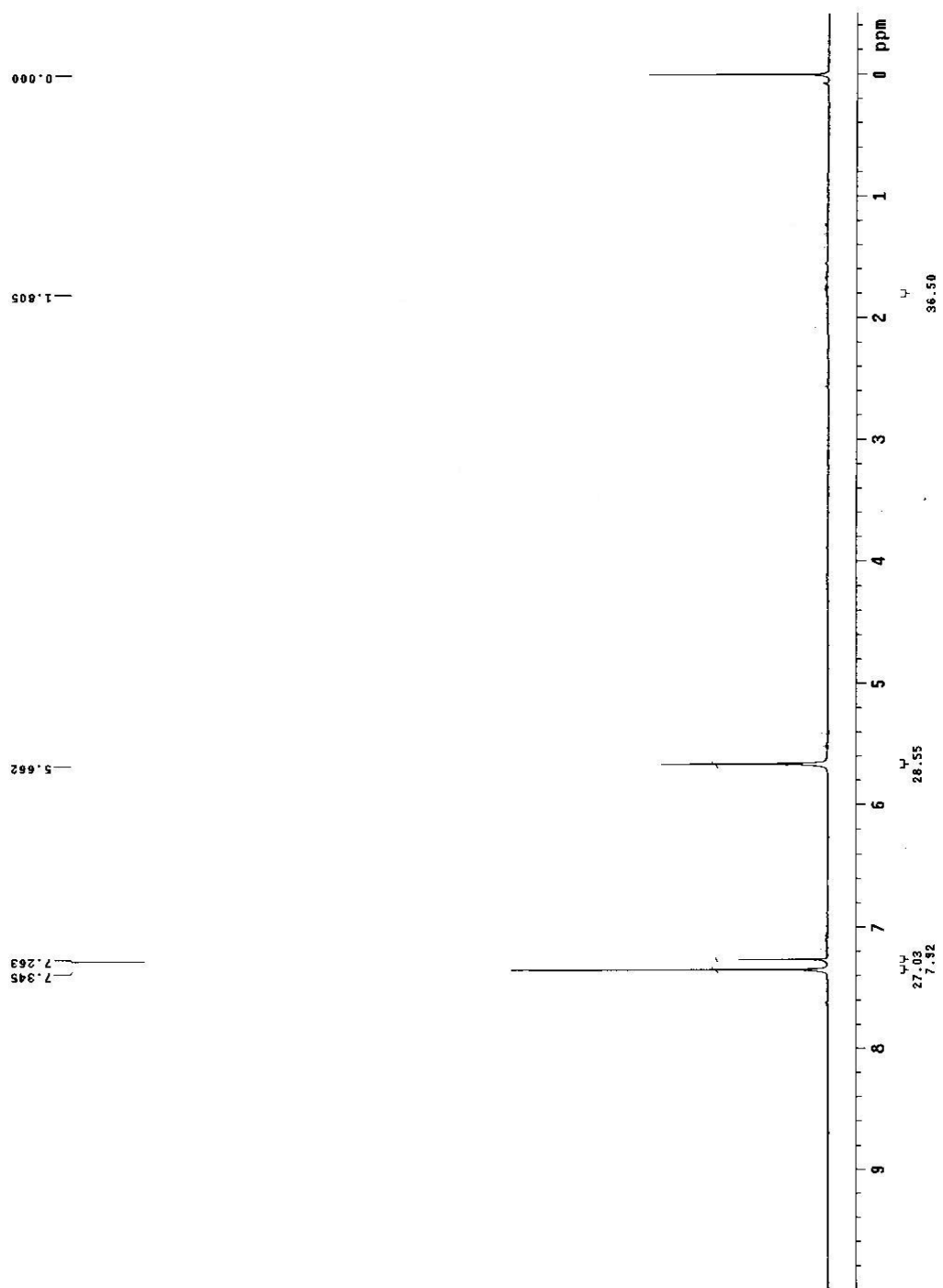




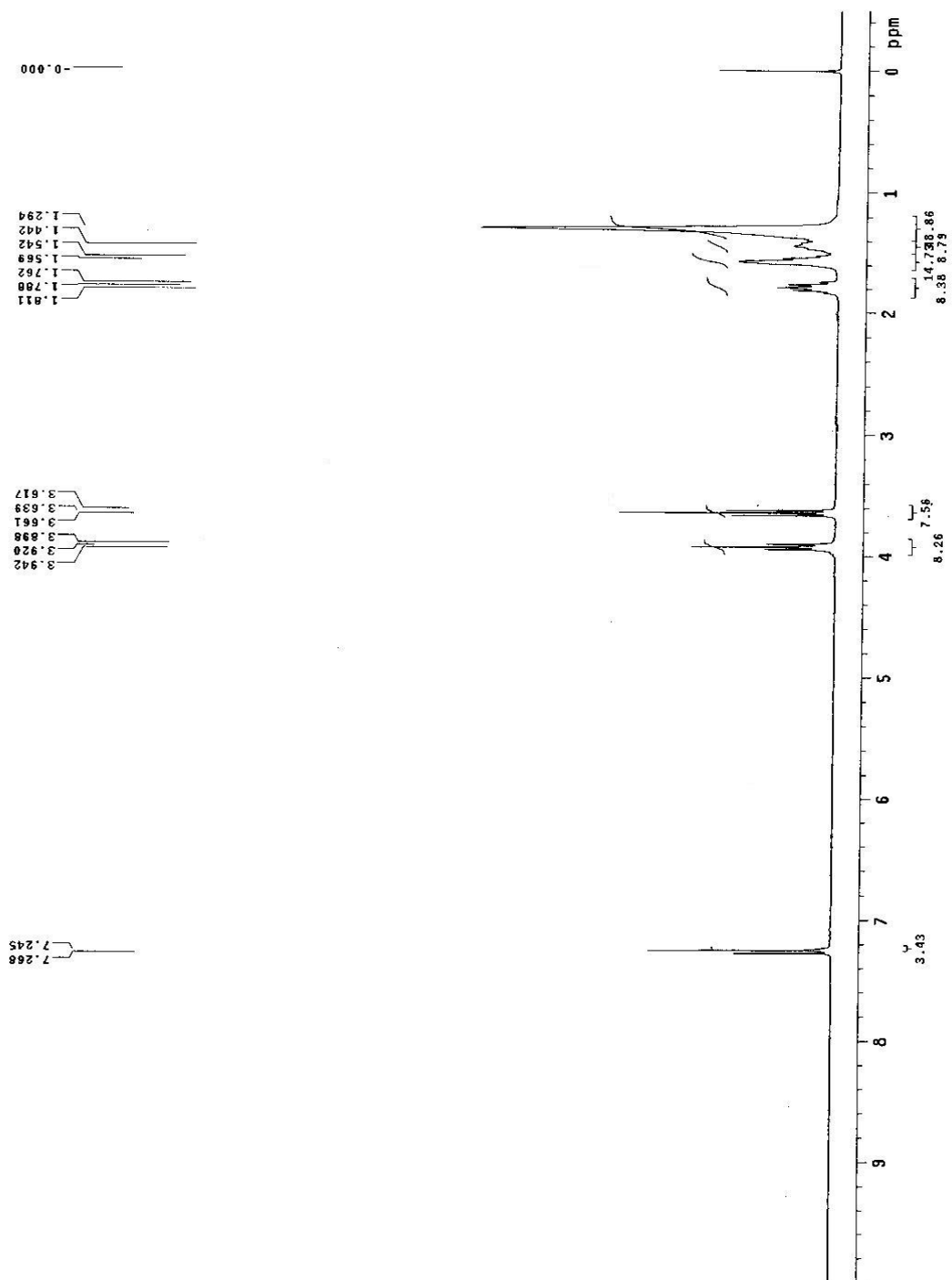
<sup>1</sup>H NMR of Compound 31



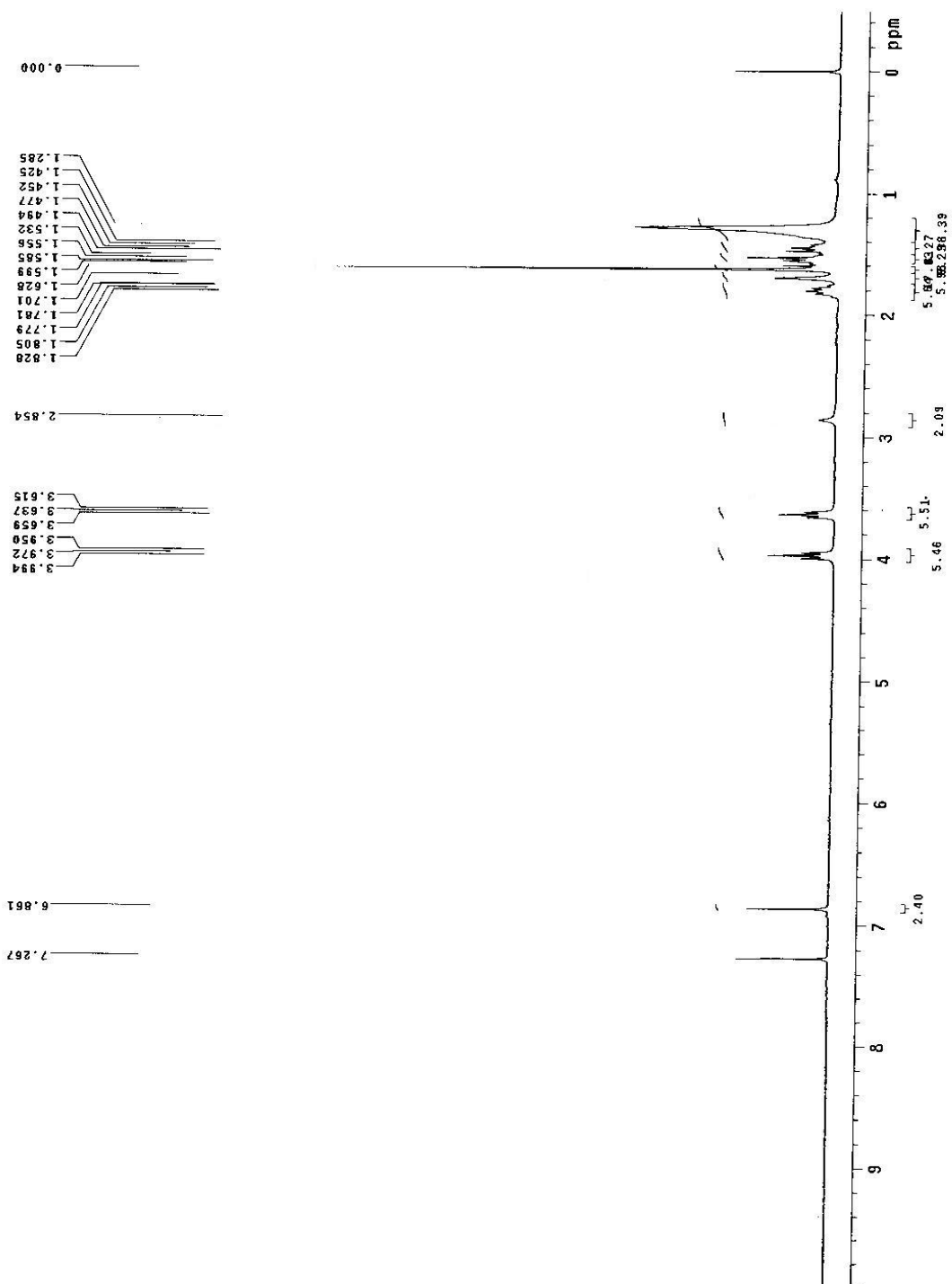
$^1\text{H}$  NMR of Compound 33



$^1\text{H}$  NMR of Compound 34



$^1\text{H}$  NMR of Compound 35



$^1\text{H}$  NMR of Compound 36

## List of Publications

1) **C. J. Bhongale** and C. S. Hsu\*

“Emission Enhancement via Formation of ‘Controlled’ Aggregations in the Hybrid Chromophoric Surfactant Amphiphile/Silica Self-assembled Nanocomposites”

*Angew. Chem. Int. Ed.* **2005** (*In press*)

2) **C. J. Bhongale**, C. W. Chang, C. S. Lee, E. W. G. Diau, C. S. Hsu\*

“Relaxation Dynamics and Structural Characterization of Organic Nanoparticles with Enhanced Emission”

*J. Phys. Chem. B*, **2005** (109) 13472-13482

3) **Chetan Jagdish Bhongale**, Chih-Wei Chang, Eric Wei-Guang Diau, Chain-Shu Hsu\*, Yongqiang Dong, Ben-Zhong Tang

“Formation of Nanostructures of Hexaphenylsilole with Enhanced Color-tunable Emissions”

*Chem. Phys. Lett.* **2005** (*In Press*)