



Supporting Information

for

Stereo- and regioselective hydroboration of 1-exo-methylene pyranoses: discovery of aryltriazolylmethyl C-galactopyranosides as selective galectin-1 inhibitors

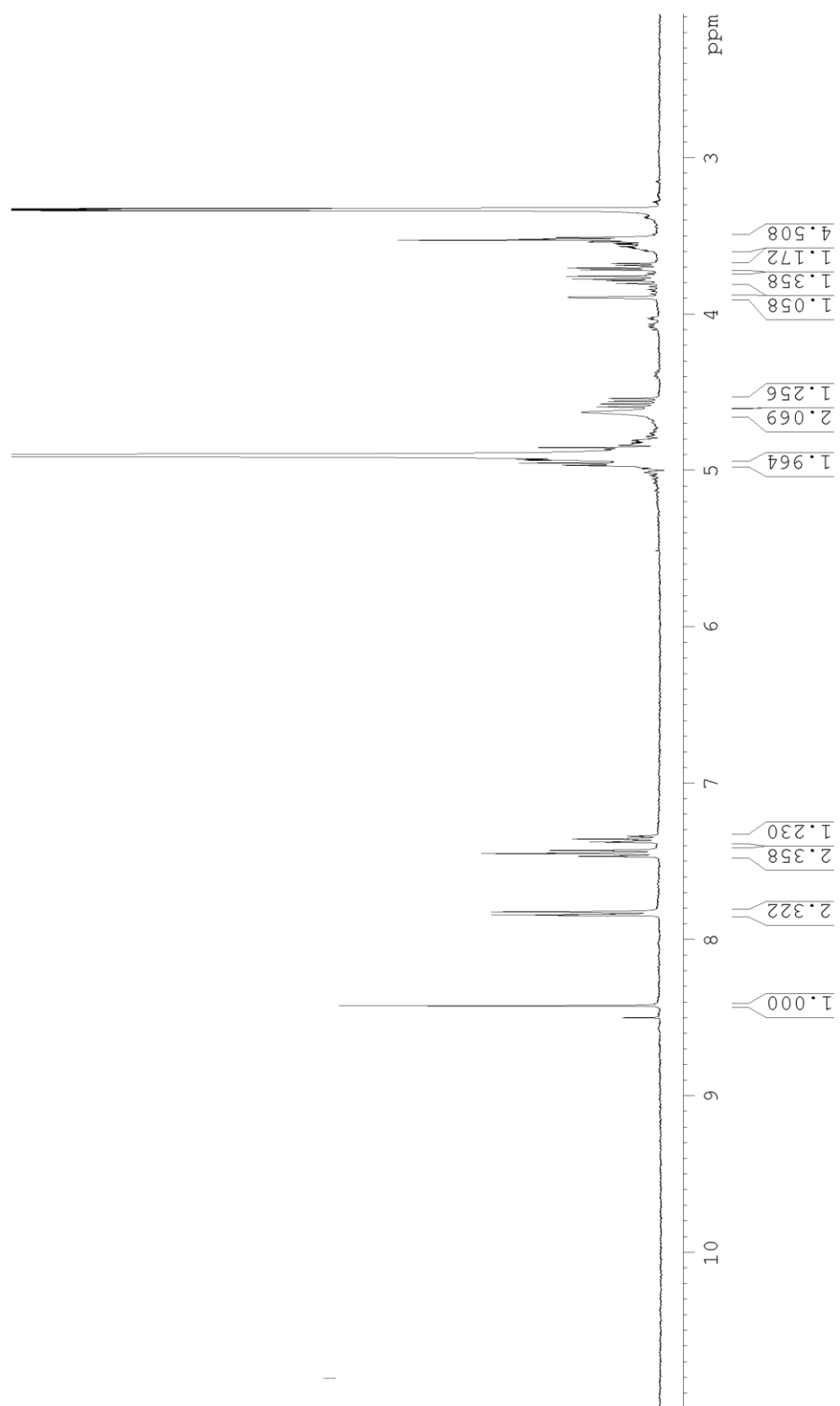
Alexander Dahlqvist, Axel Furevi, Niklas Warlin, Hakon Leffler and Ulf J. Nilsson

Beilstein J. Org. Chem. **2019**, *15*, 1046–1060. [doi:10.3762/bjoc.15.102](https://doi.org/10.3762/bjoc.15.102)

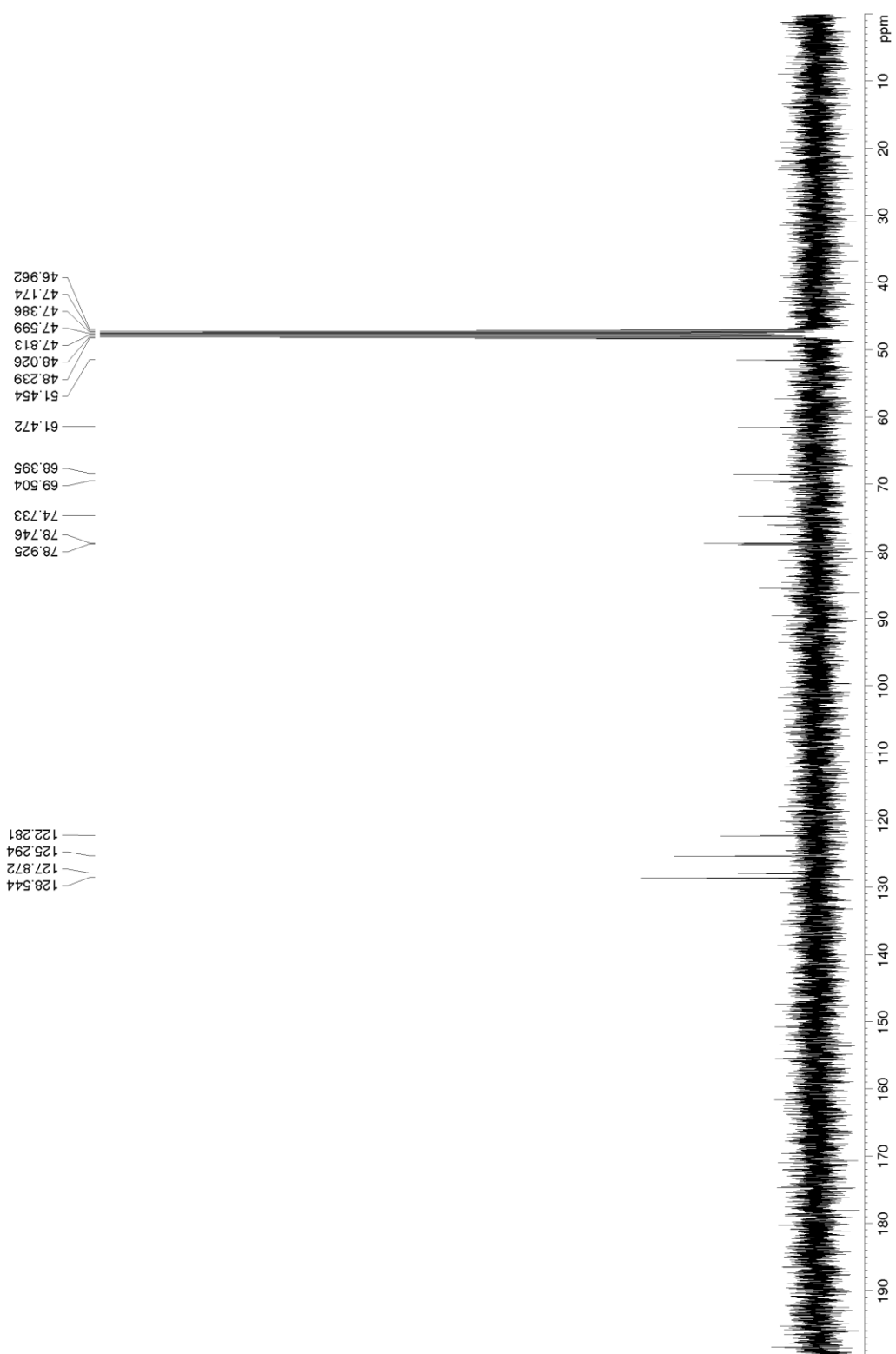
Copies of ^1H NMR and ^{13}C NMR spectra for compounds 1–10

Compound **1a**:

^1H :

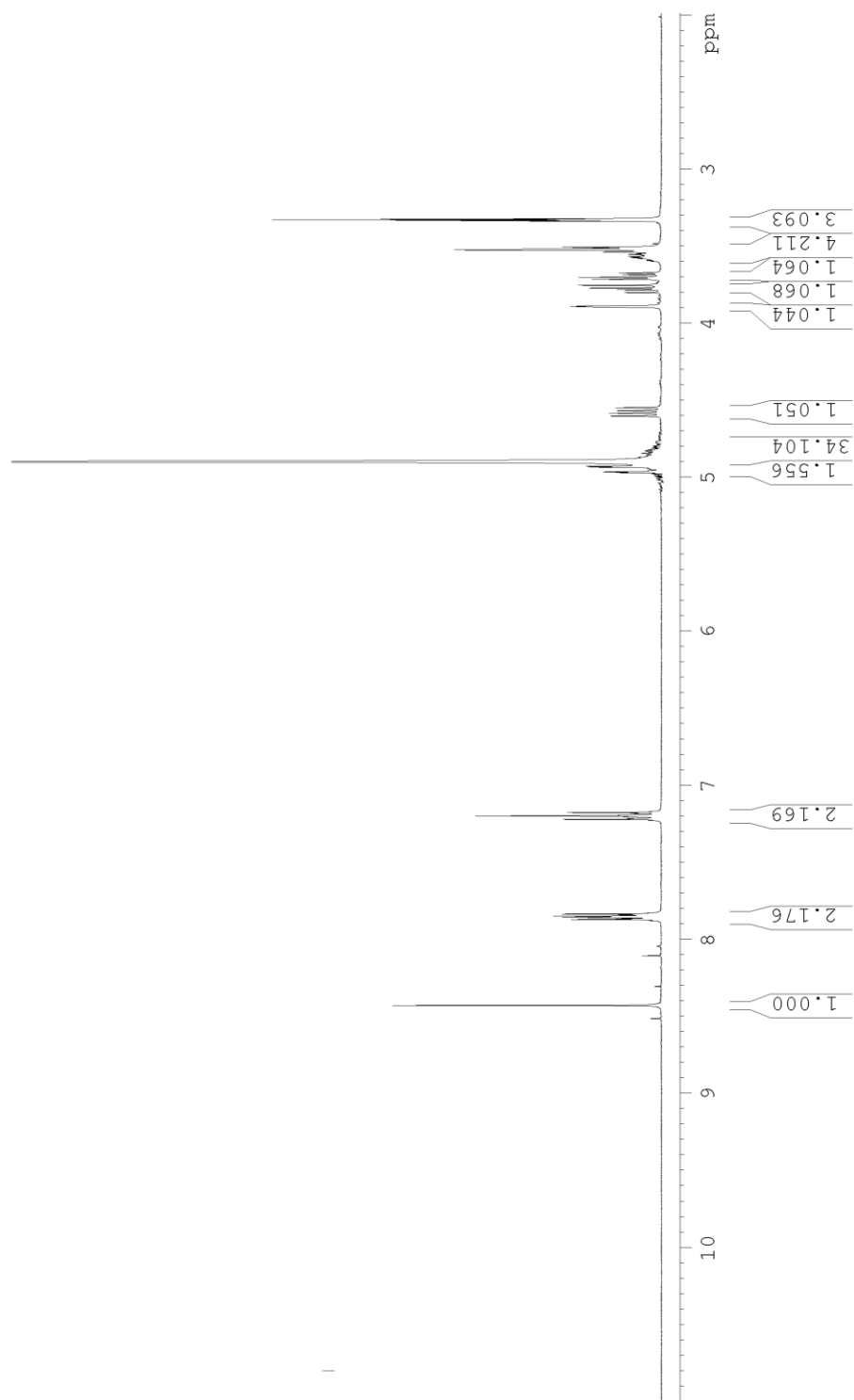


^{13}C :



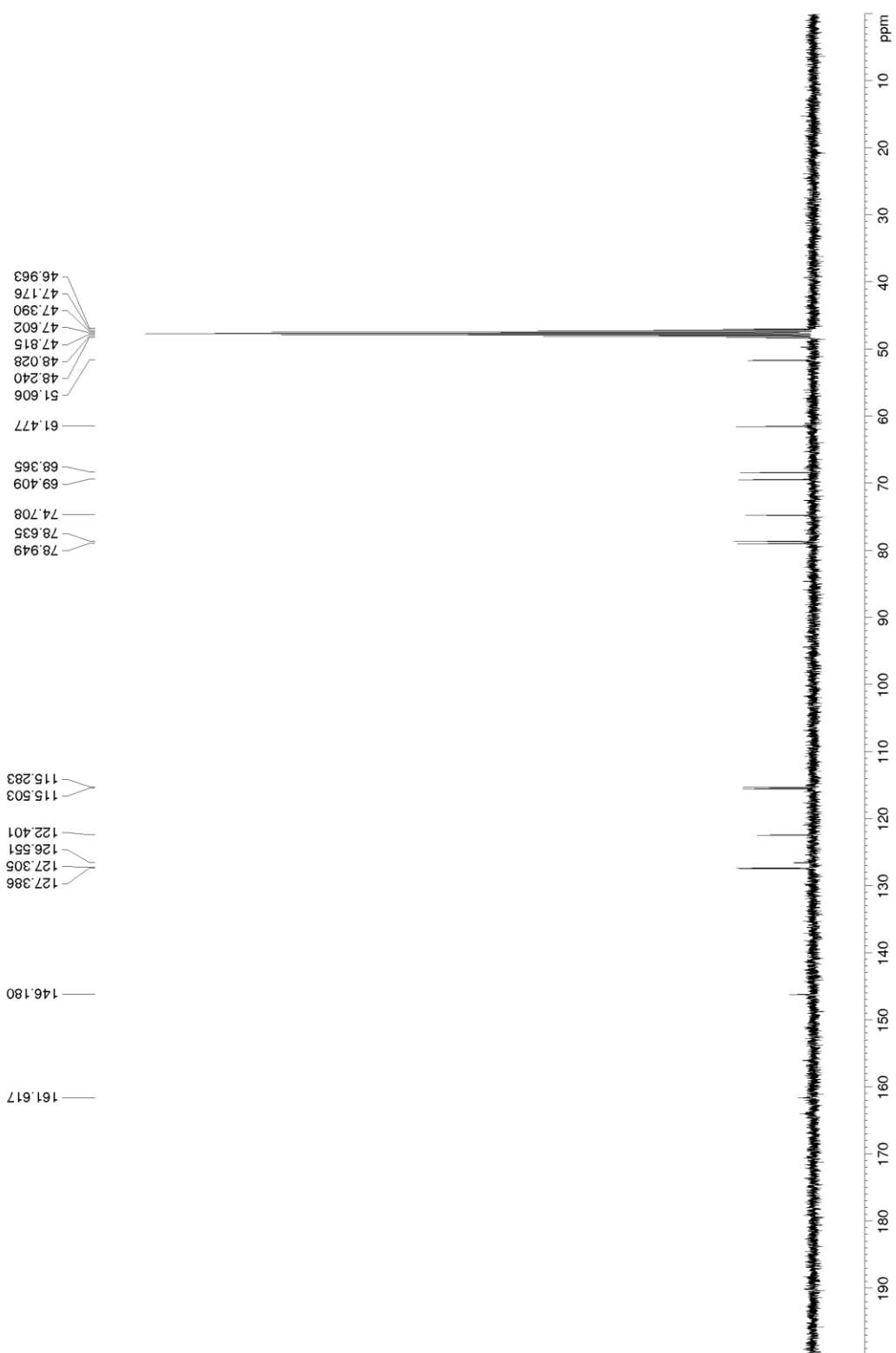
Compound **1b**:

^1H :



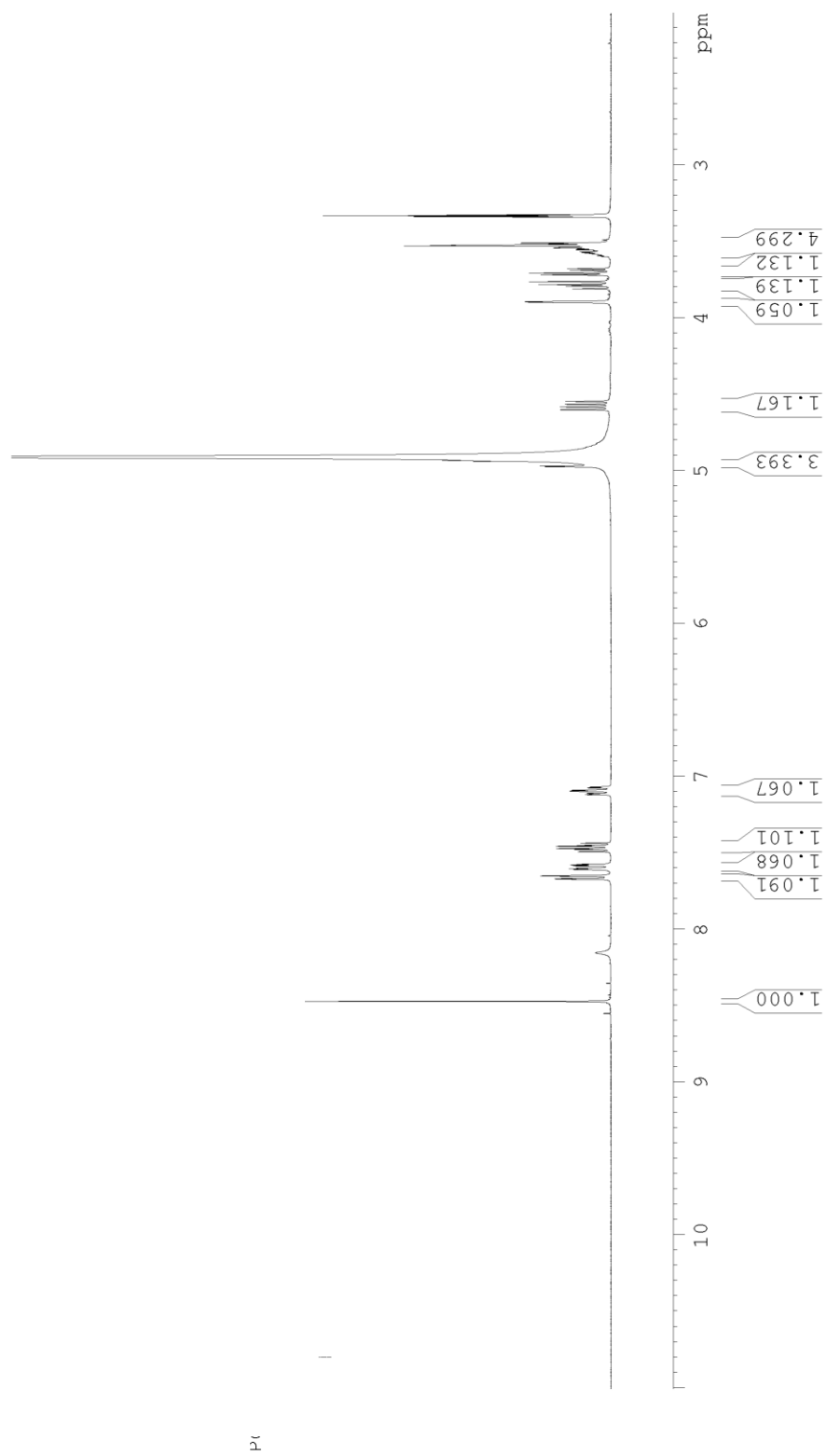
ppm

^{13}C :

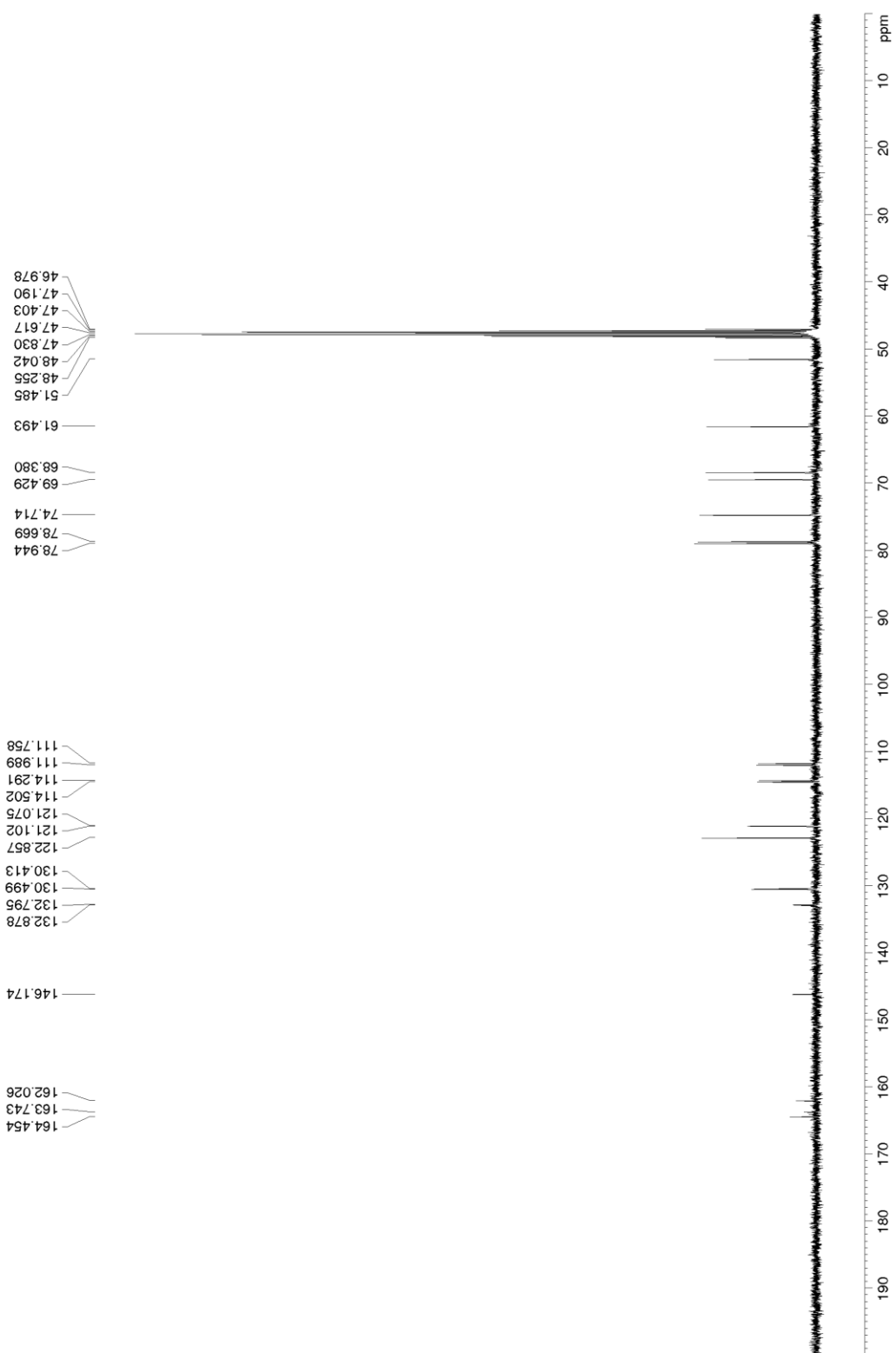


Compound **1c**:

^1H :

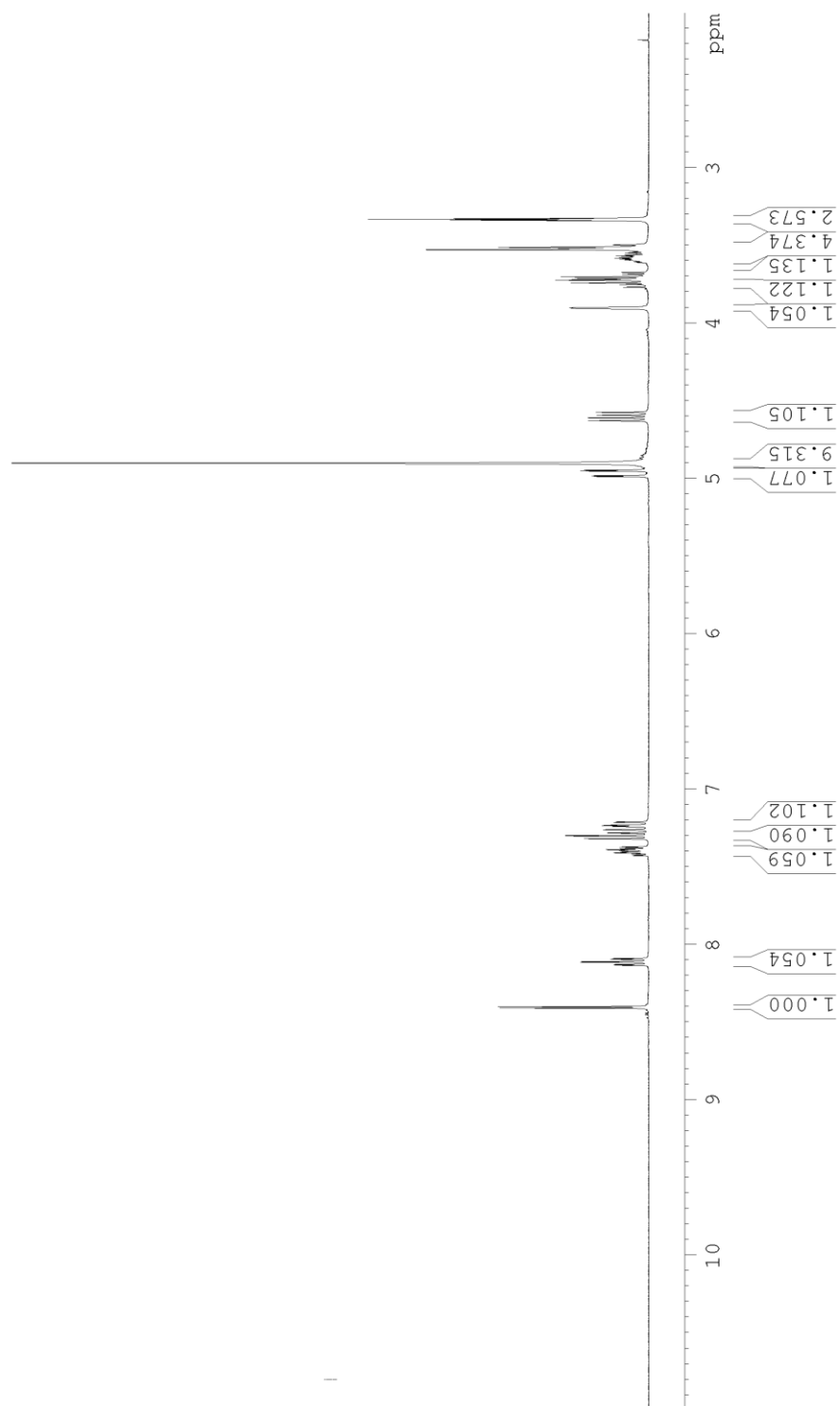


^{13}C :



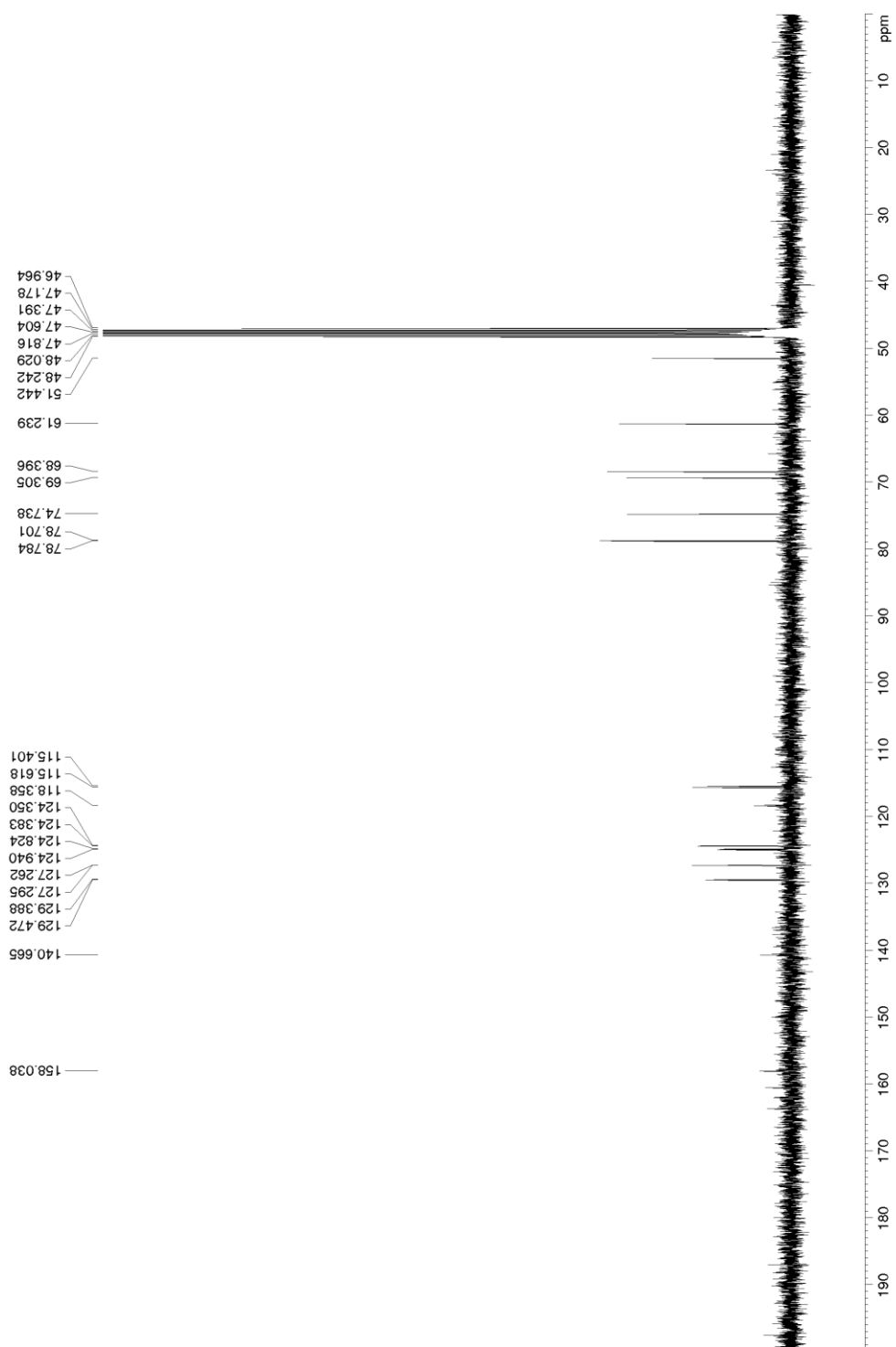
Compound **1d**:

^1H :



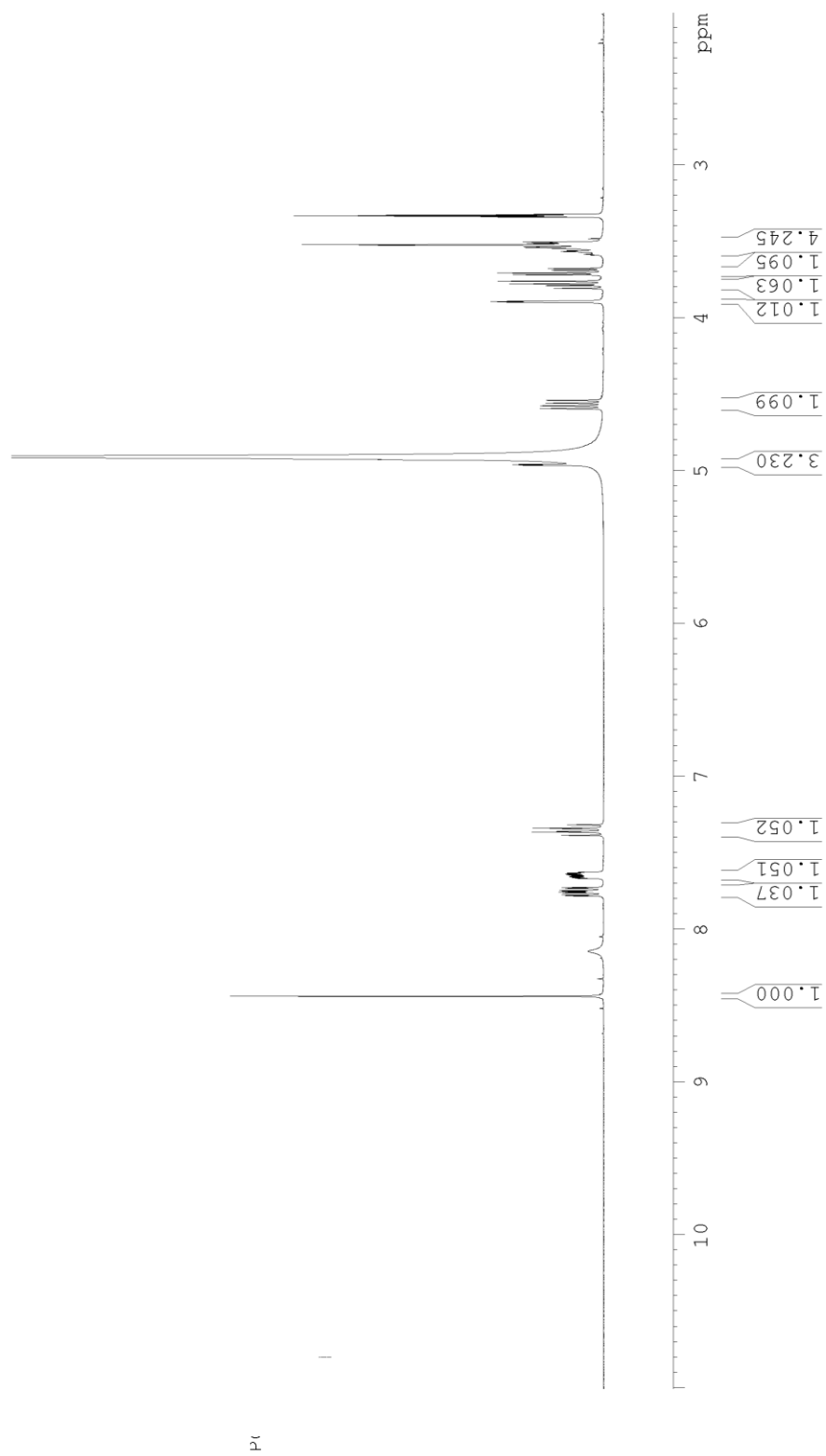
ppm

^{13}C :

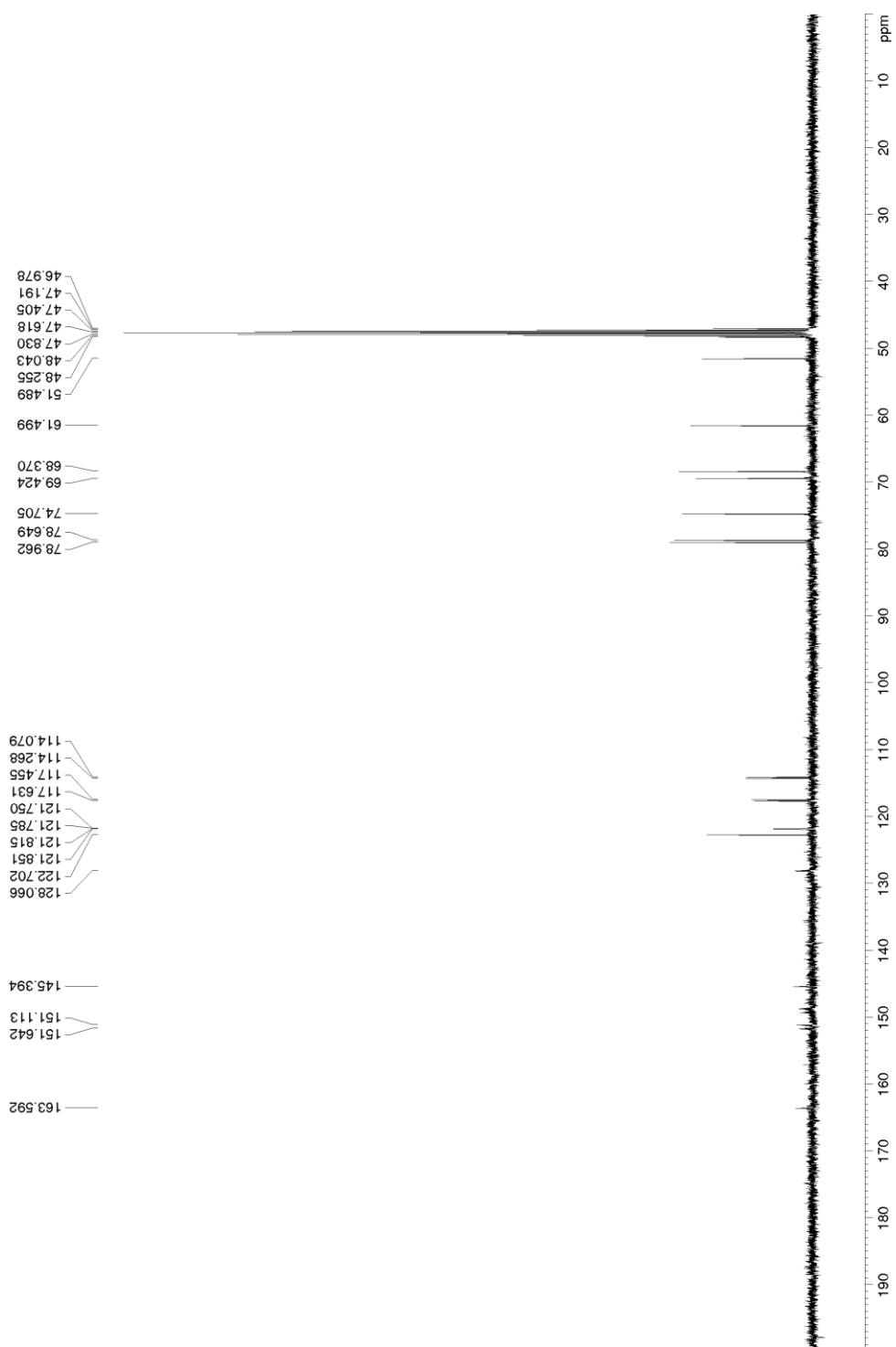


Compound **1e**:

^1H :

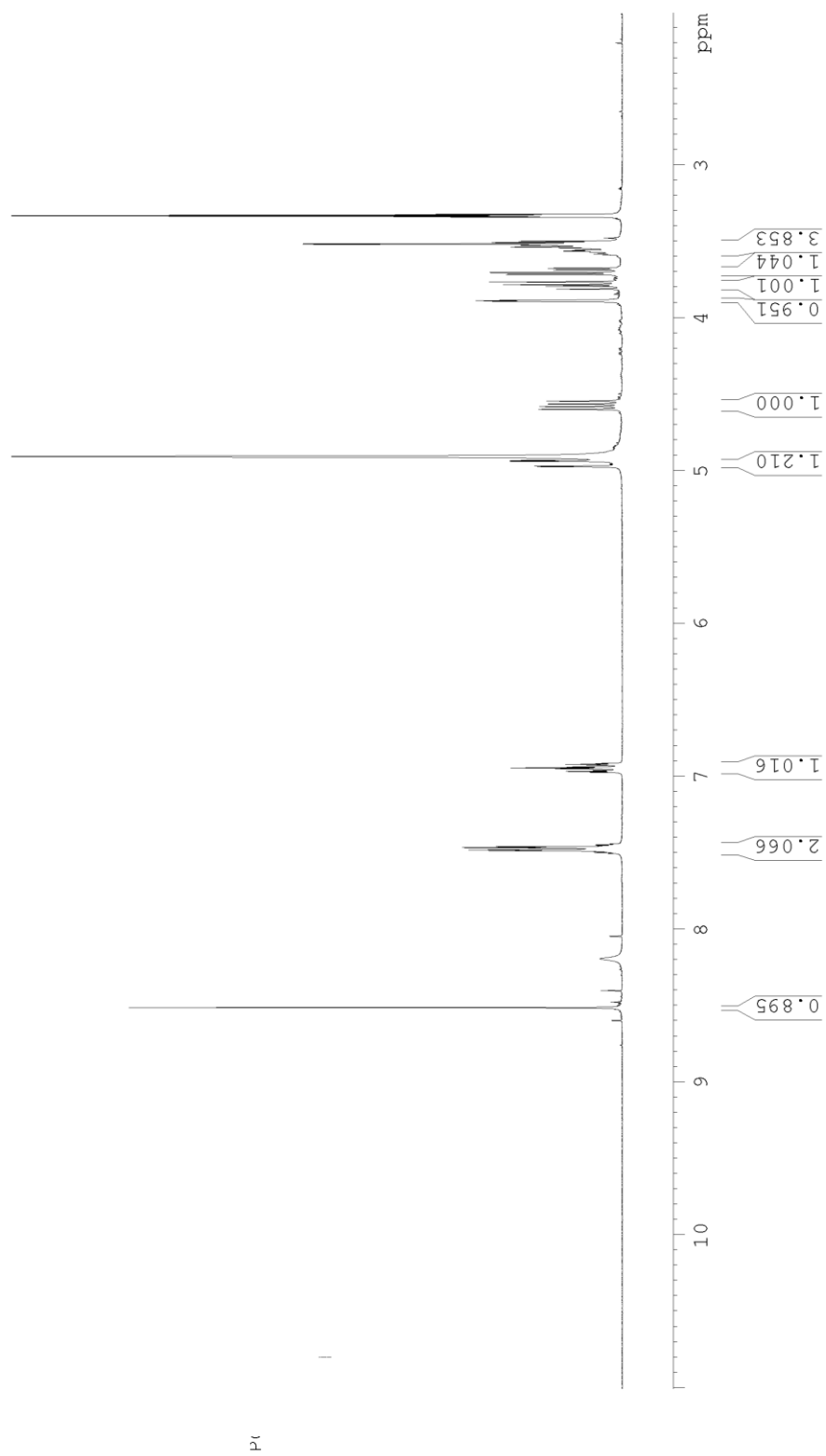


^{13}C :

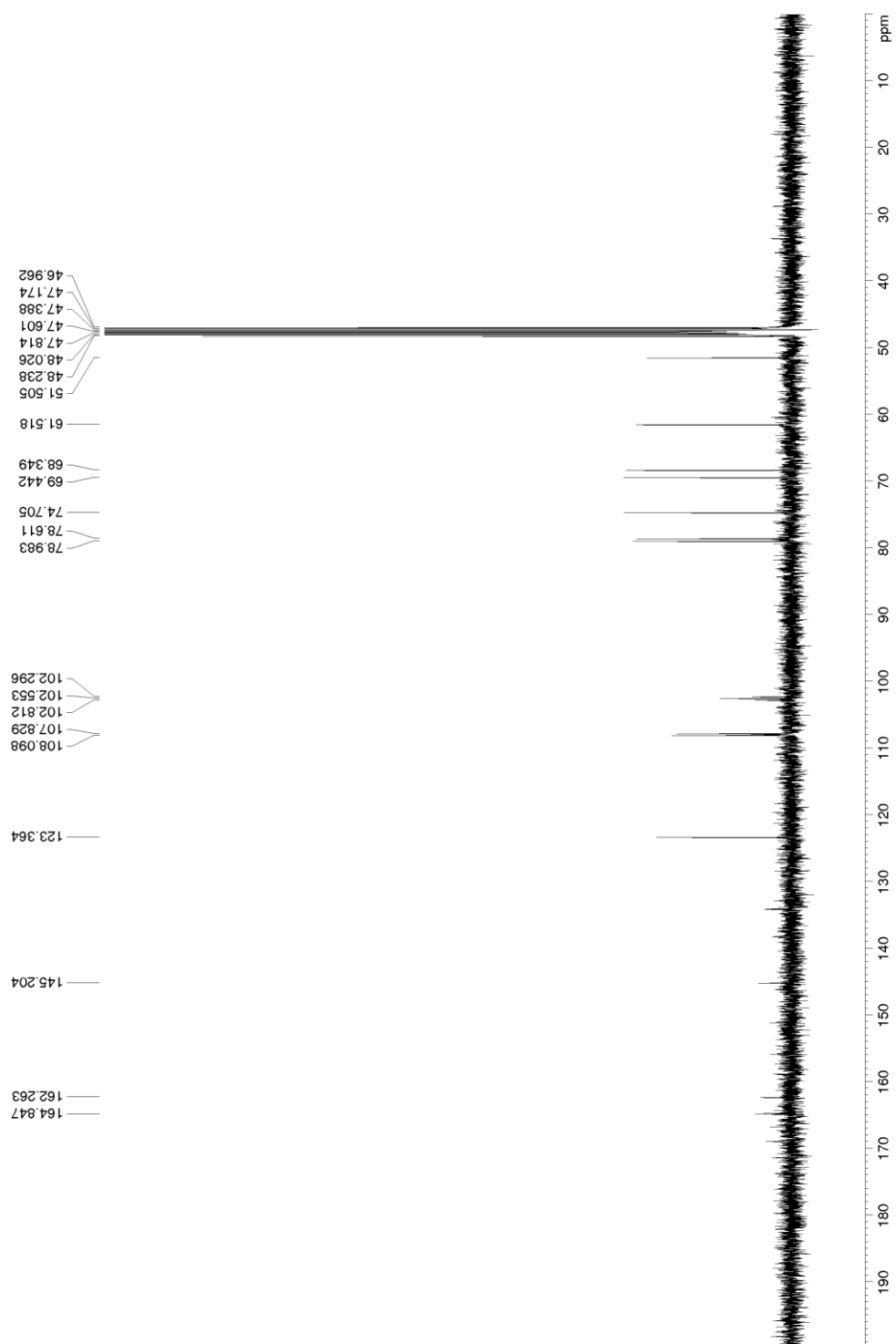


Compound **1f**:

^1H :

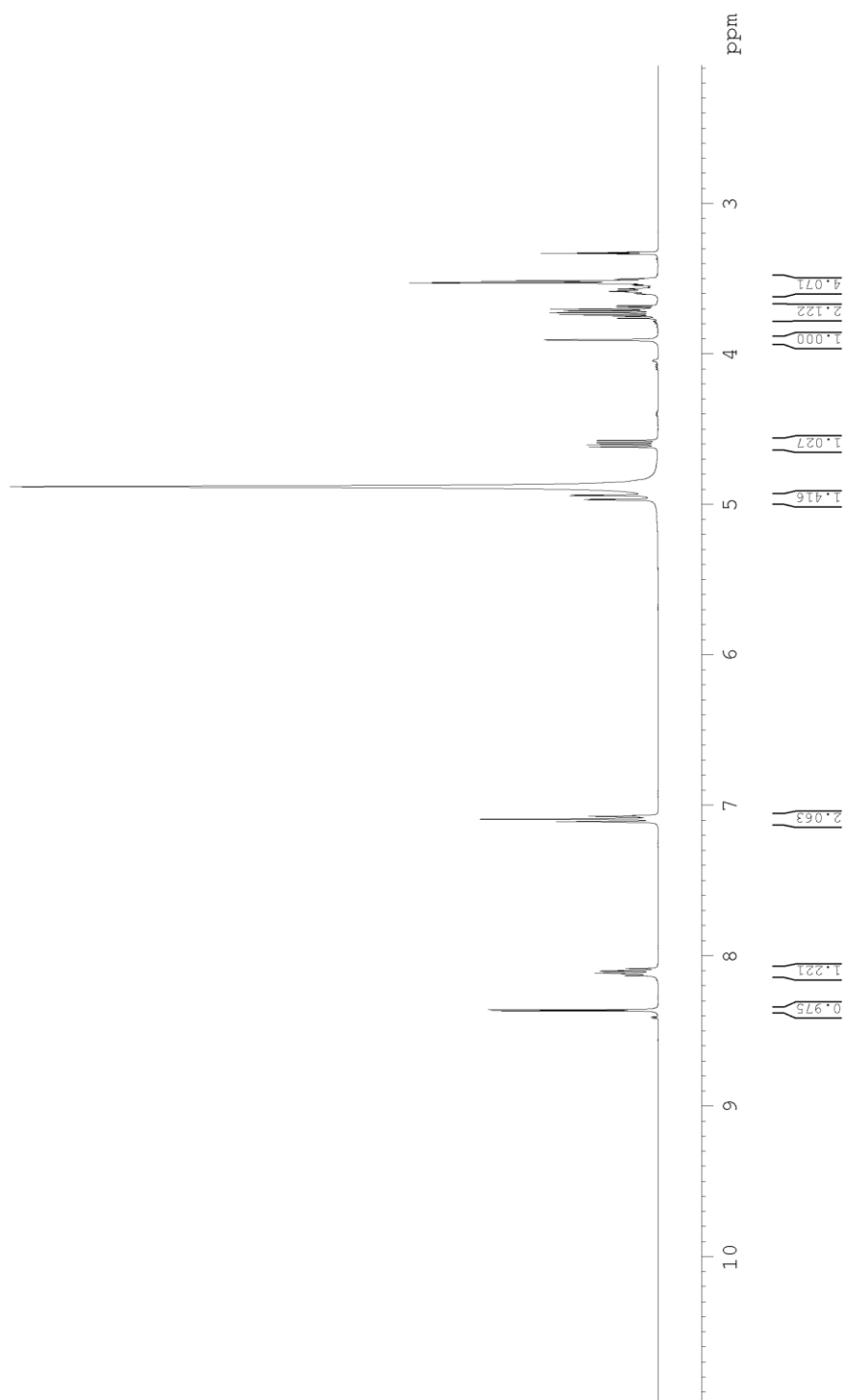


^{13}C :

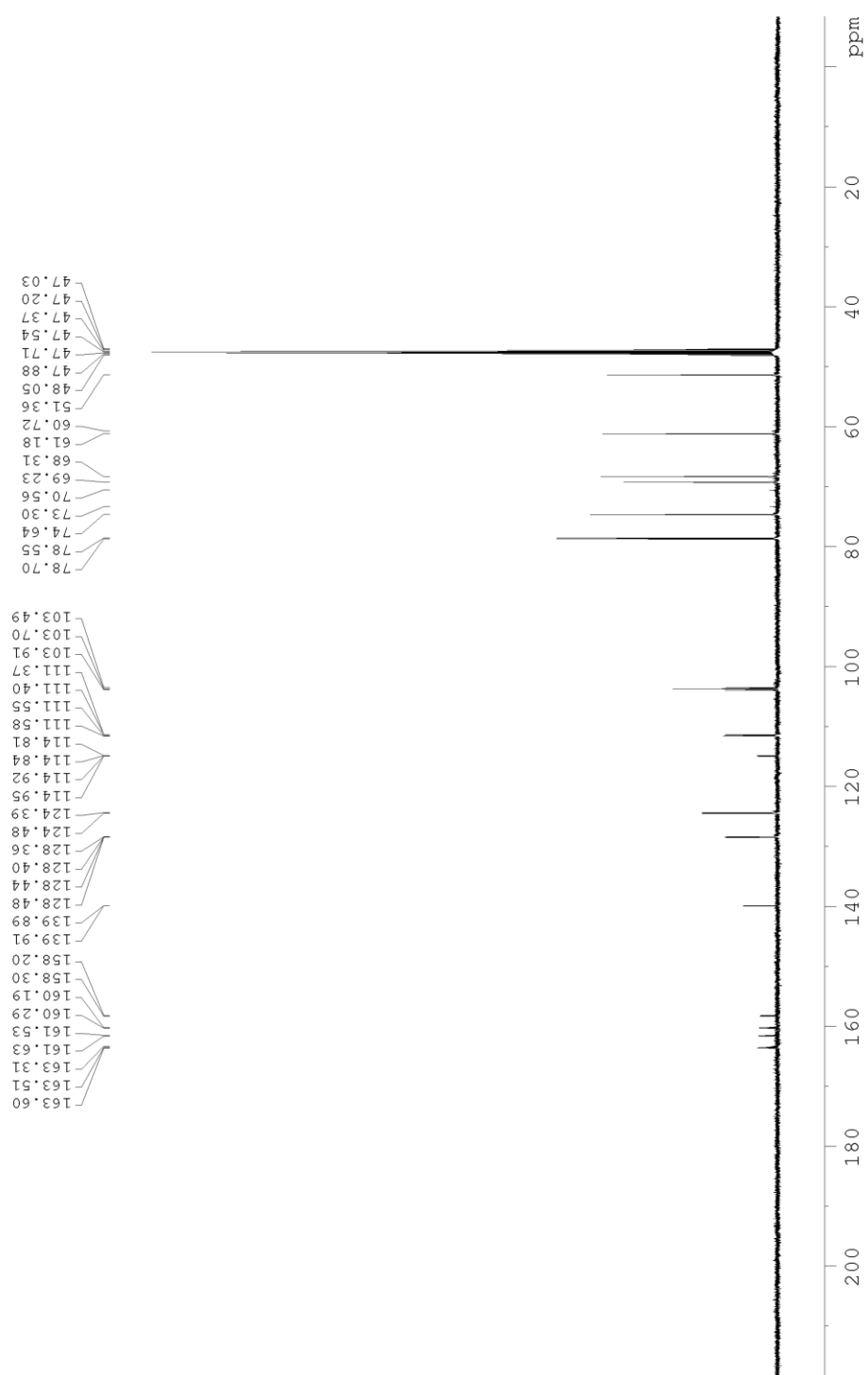


Compound **1g**:

^1H :

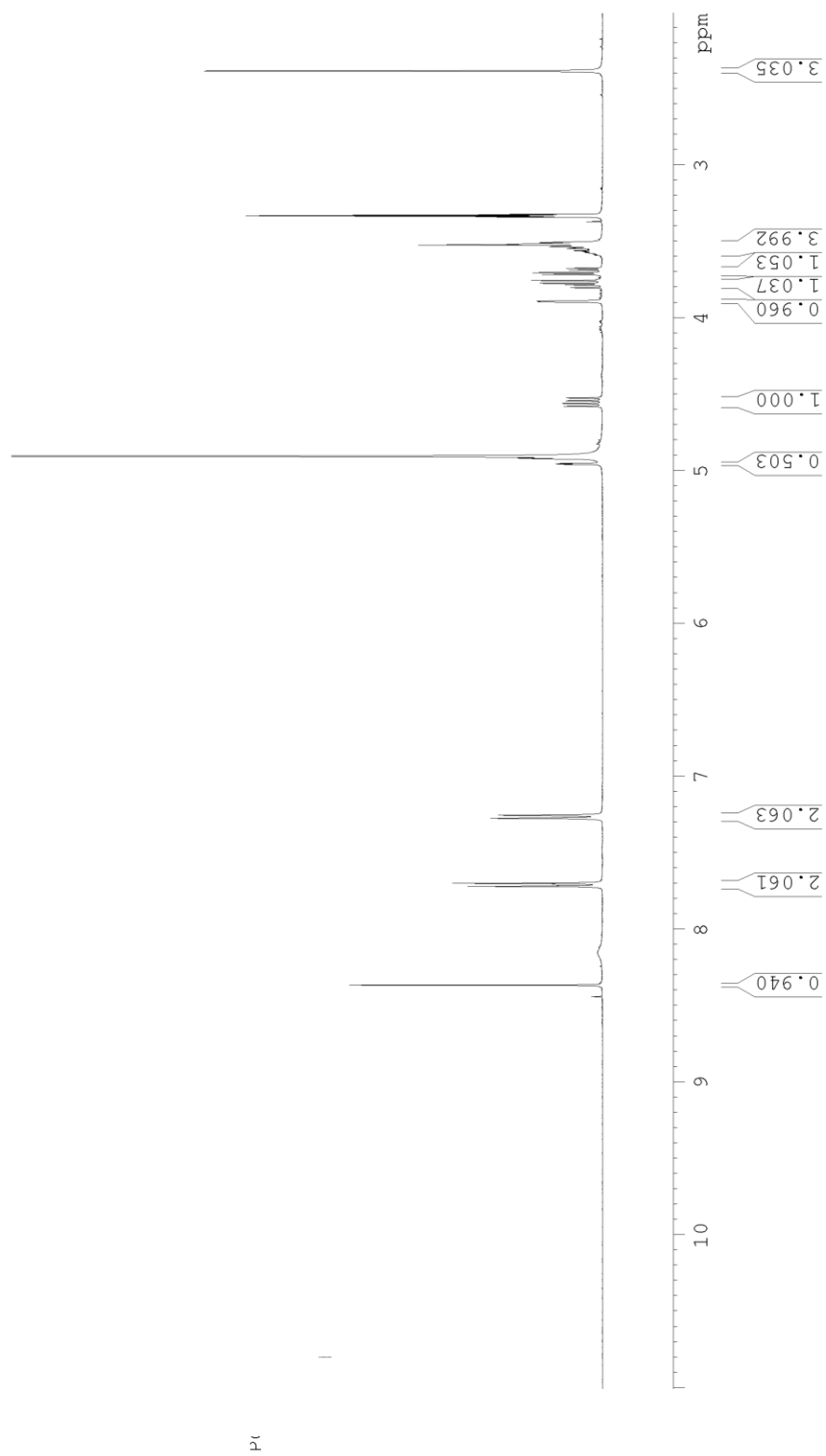


^{13}C :

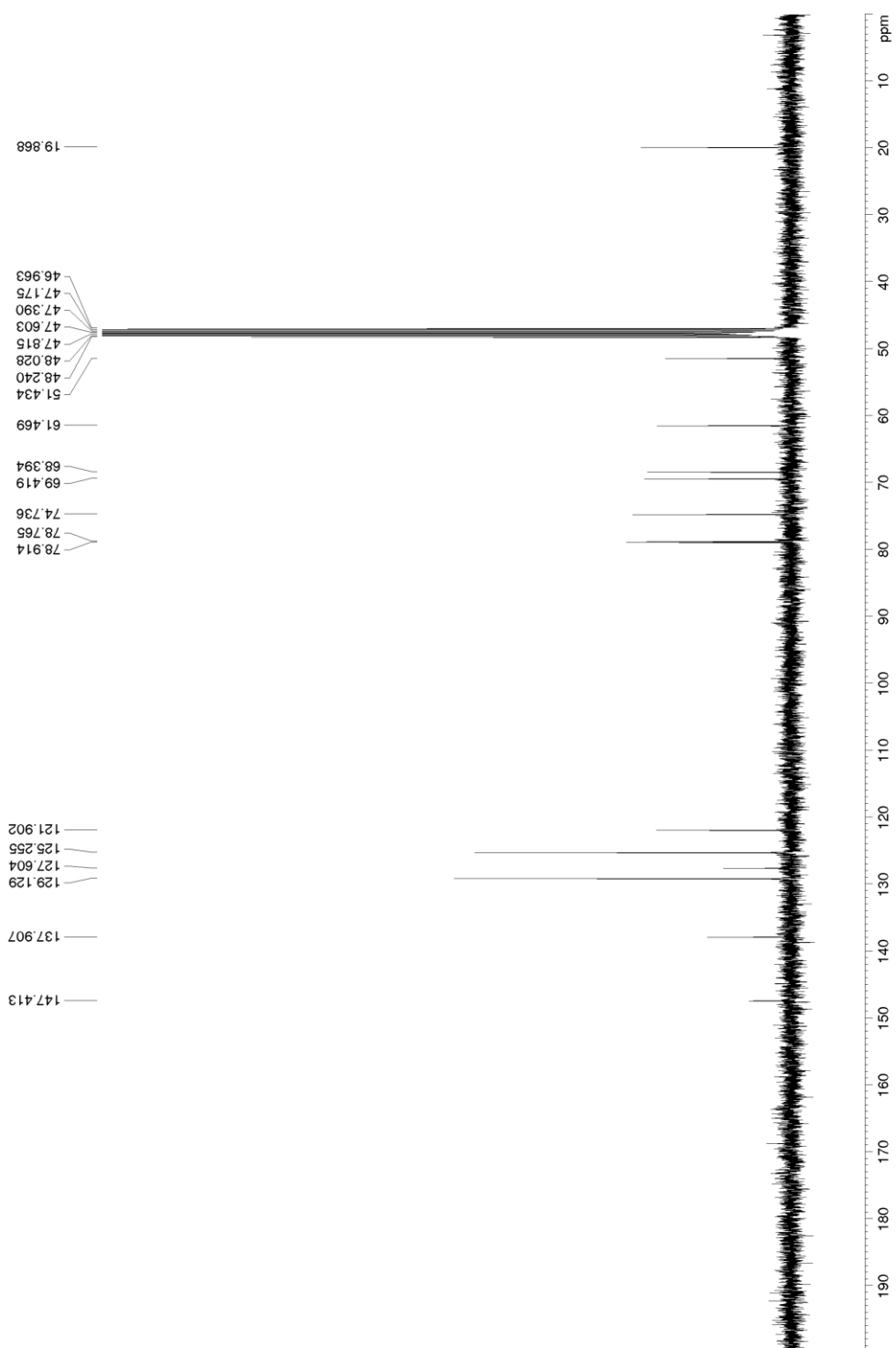


Compound **1h**:

^1H :

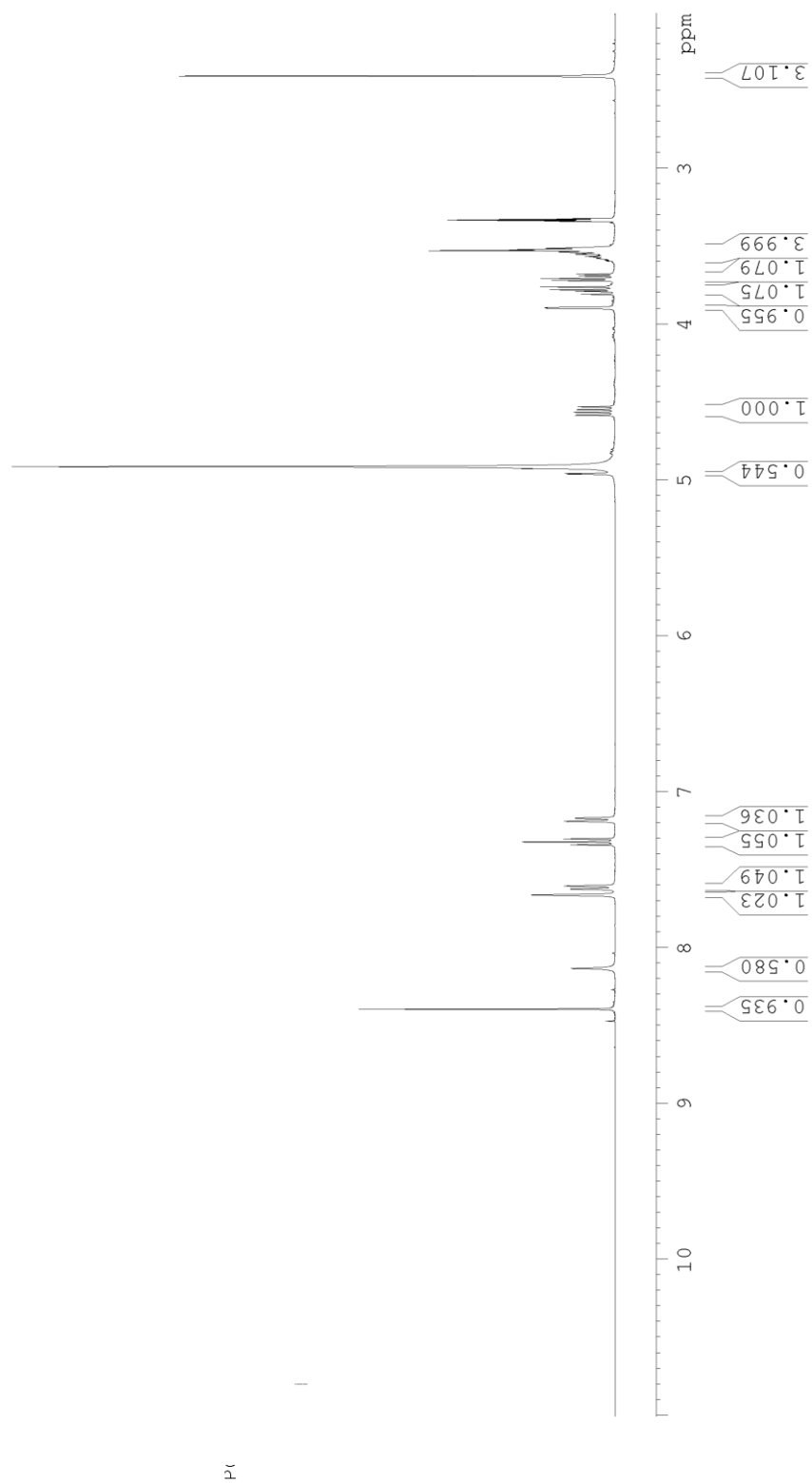


^{13}C :

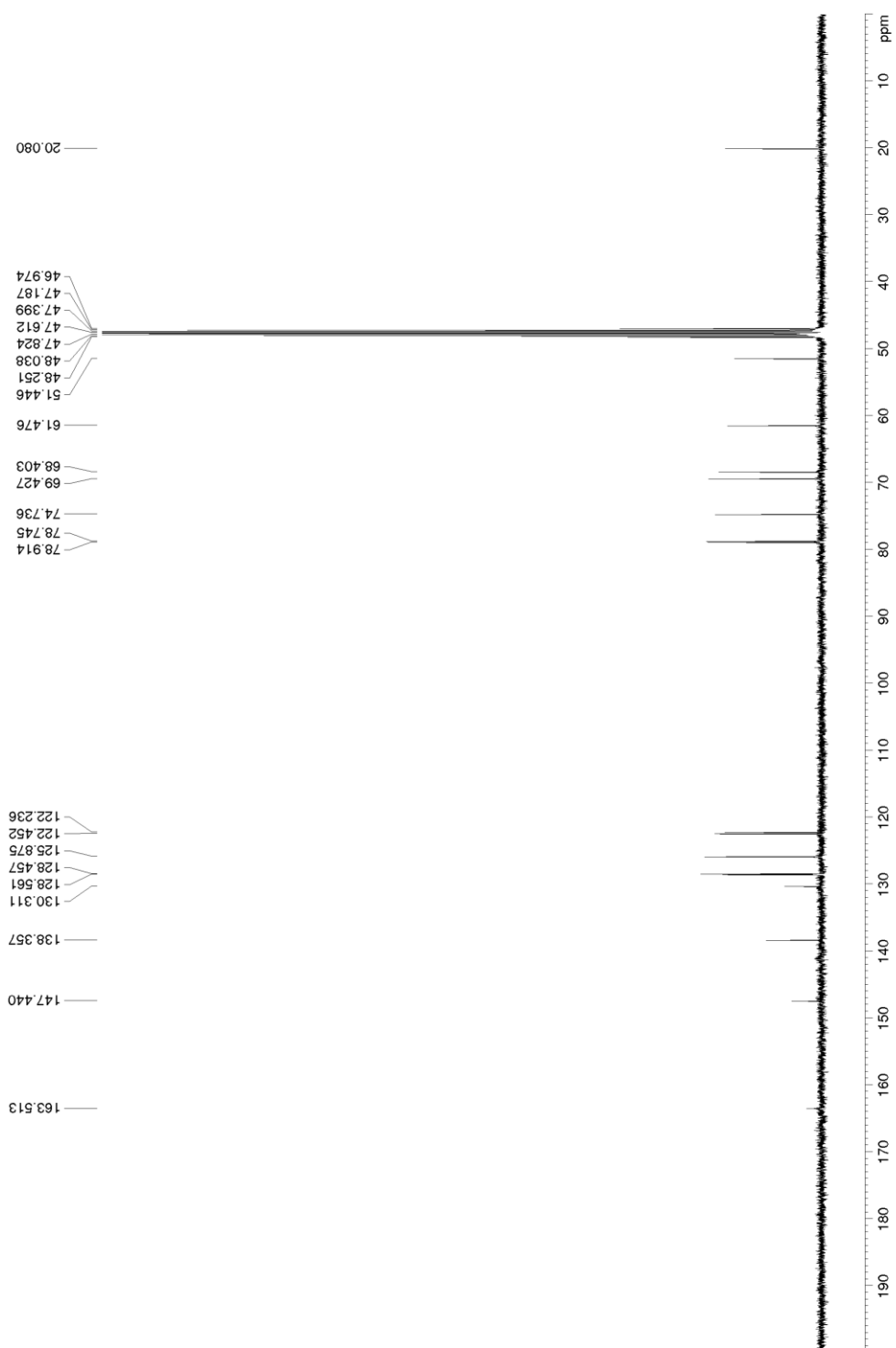


Compound **1i**:

^1H :

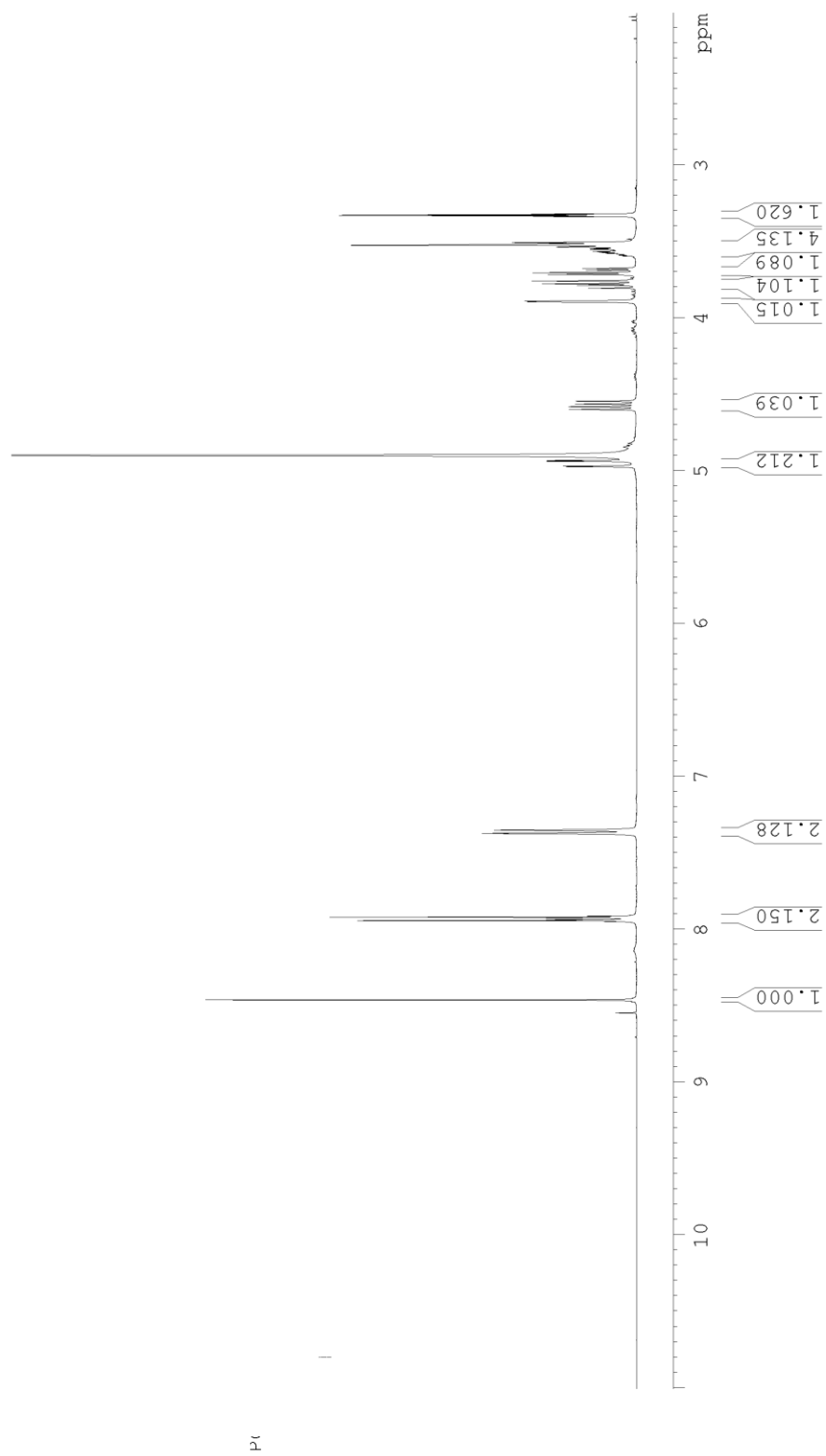


^{13}C :

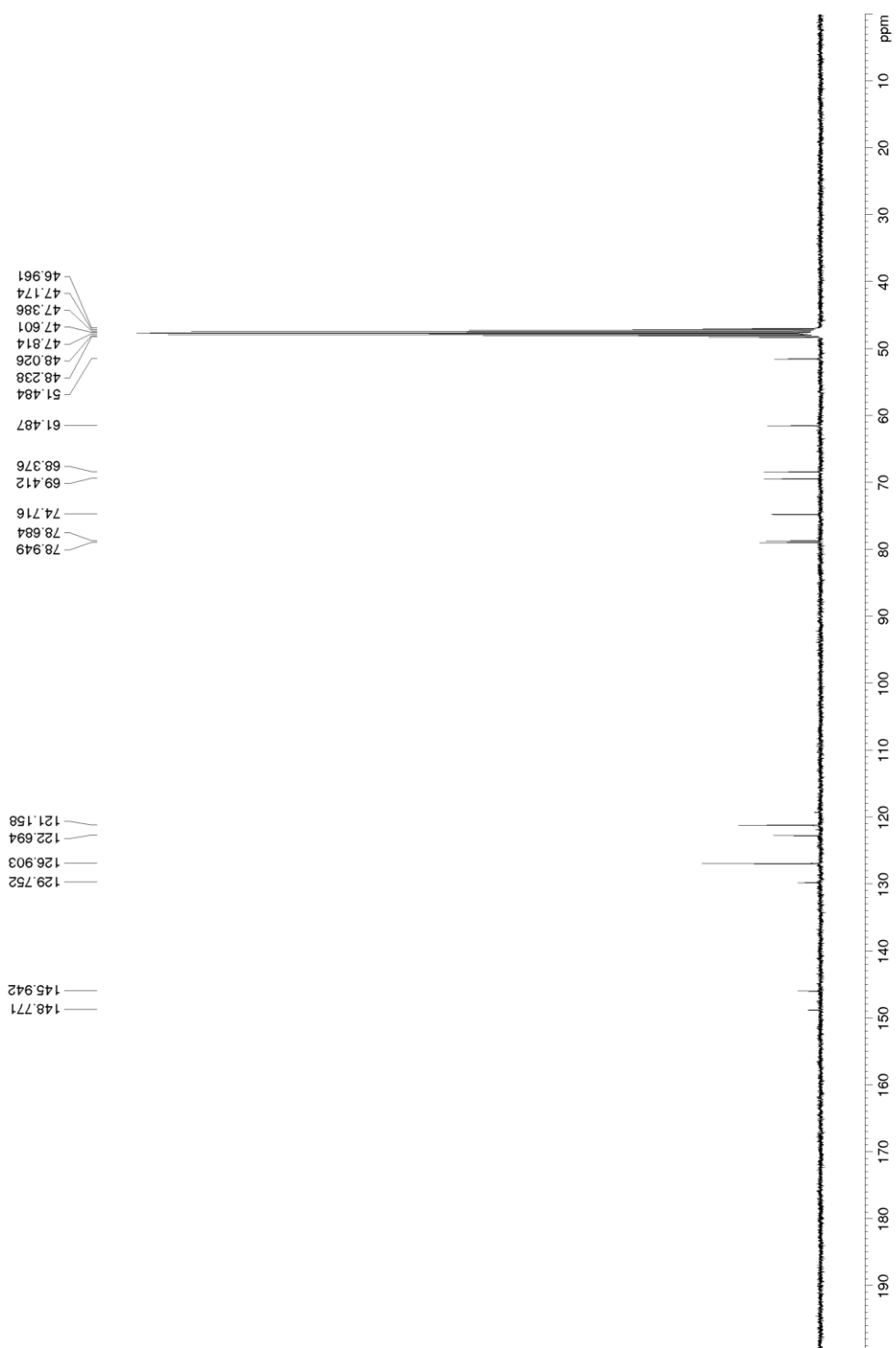


Compound **1j**:

^1H :

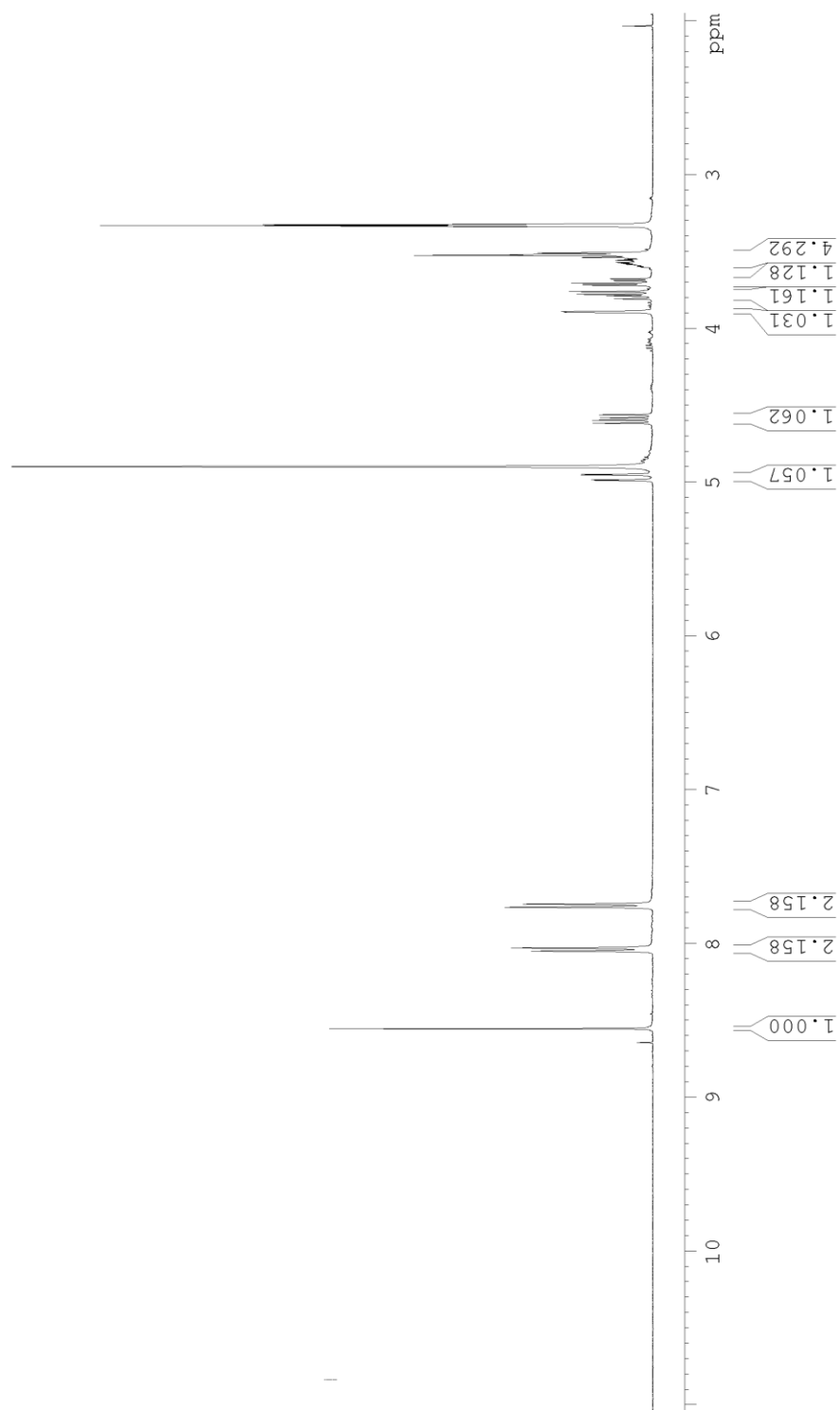


^{13}C :



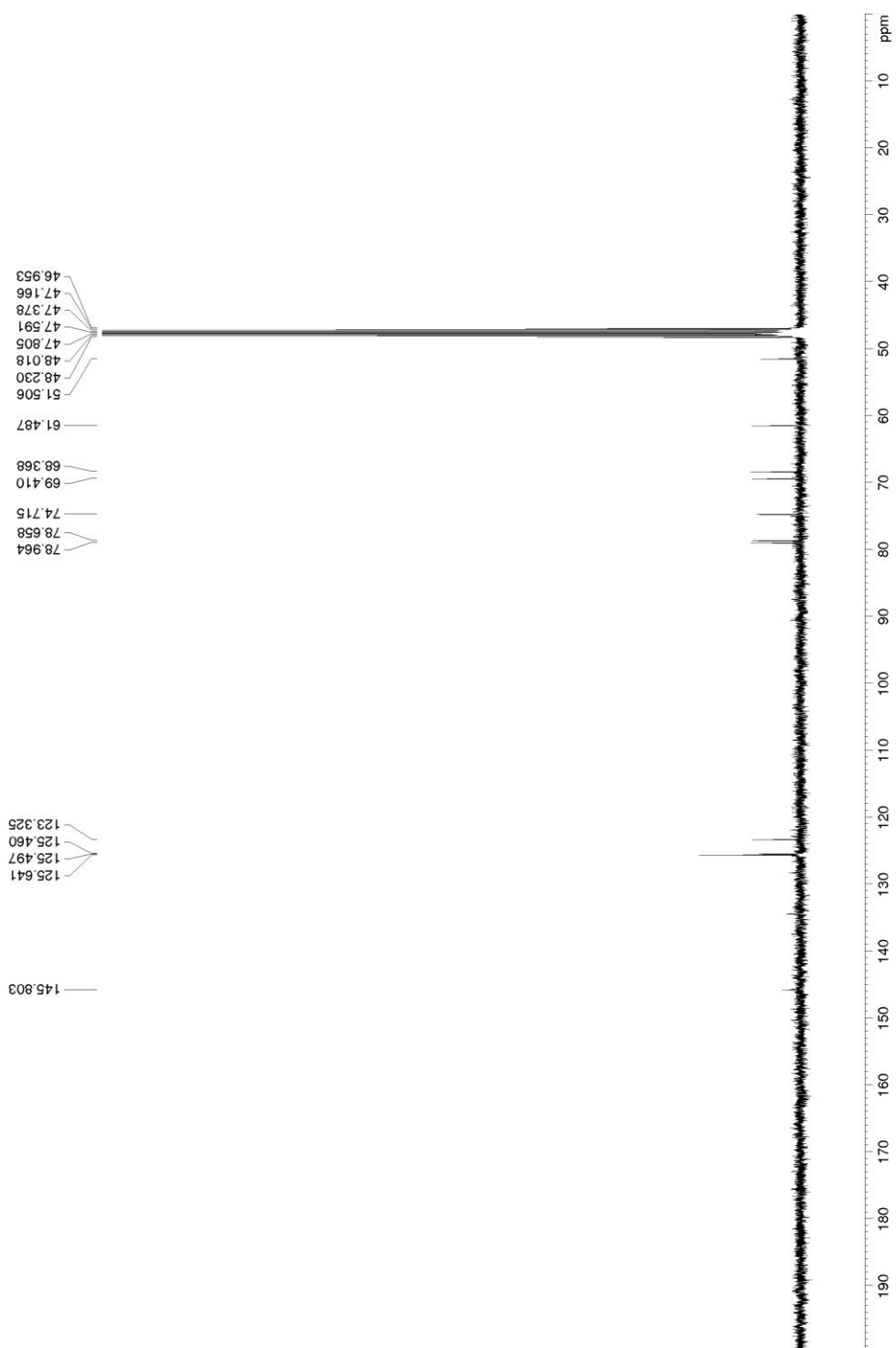
Compound **1k**:

^1H :



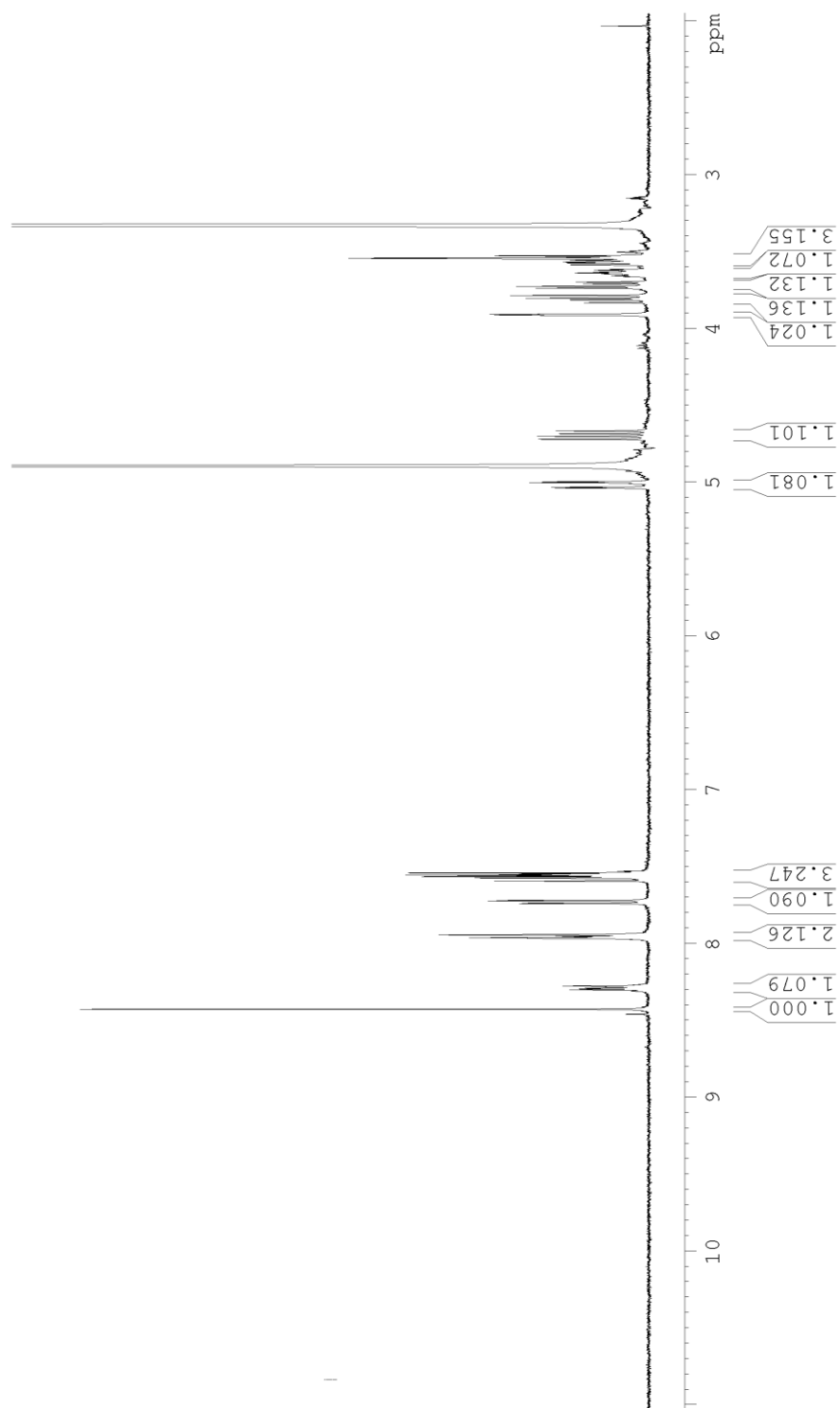
ppm

^{13}C :

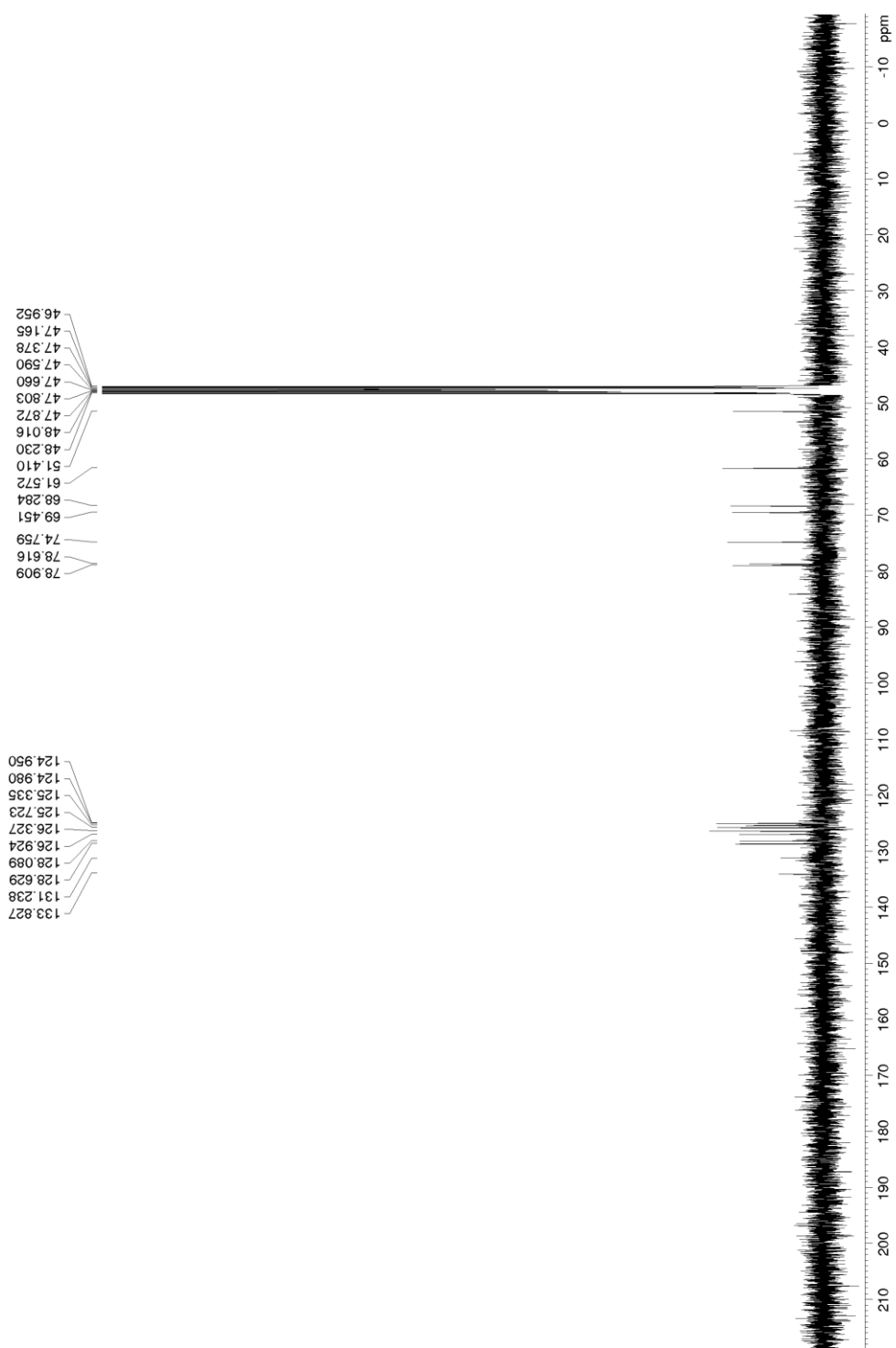


Compound **11**:

^1H :

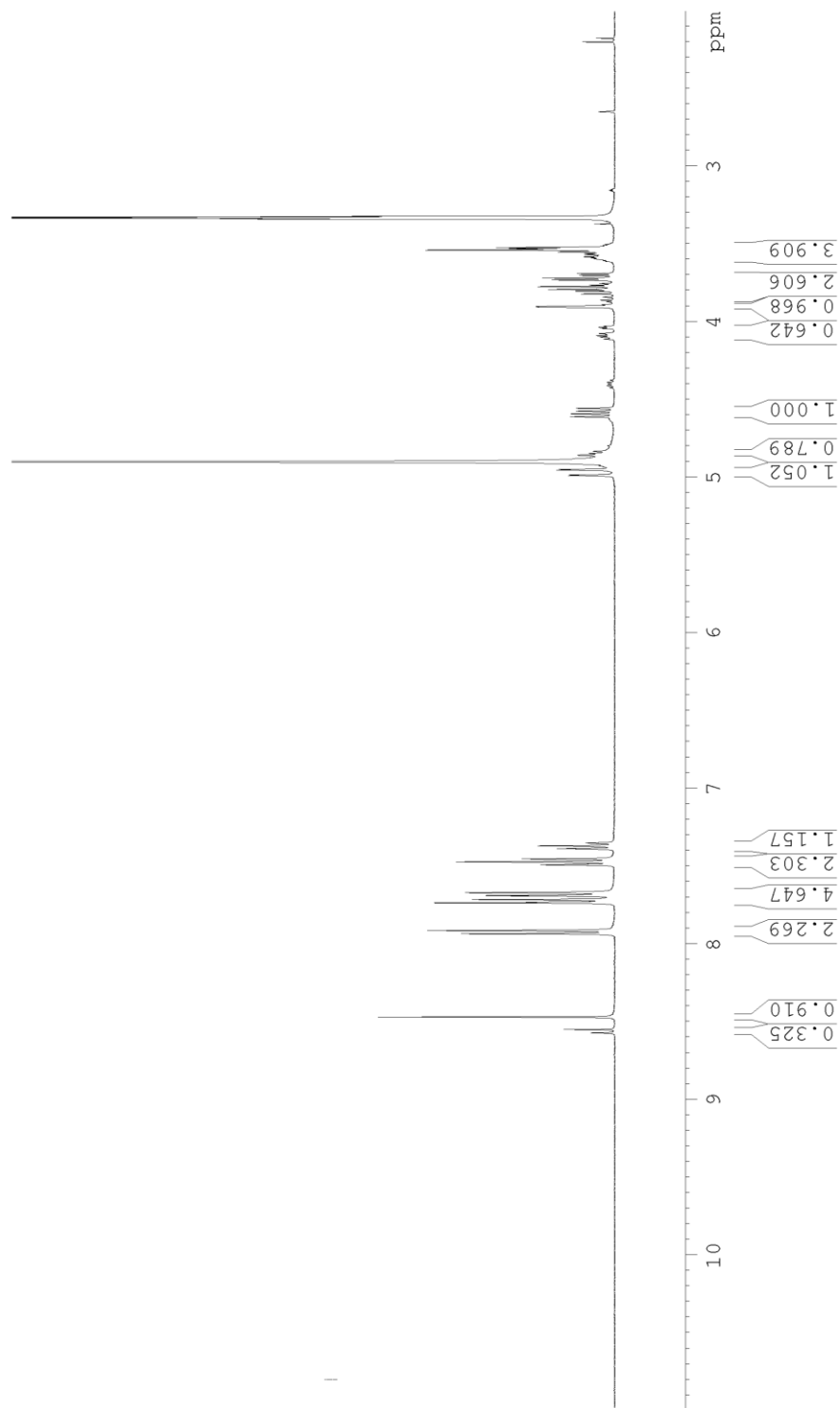


^{13}C :

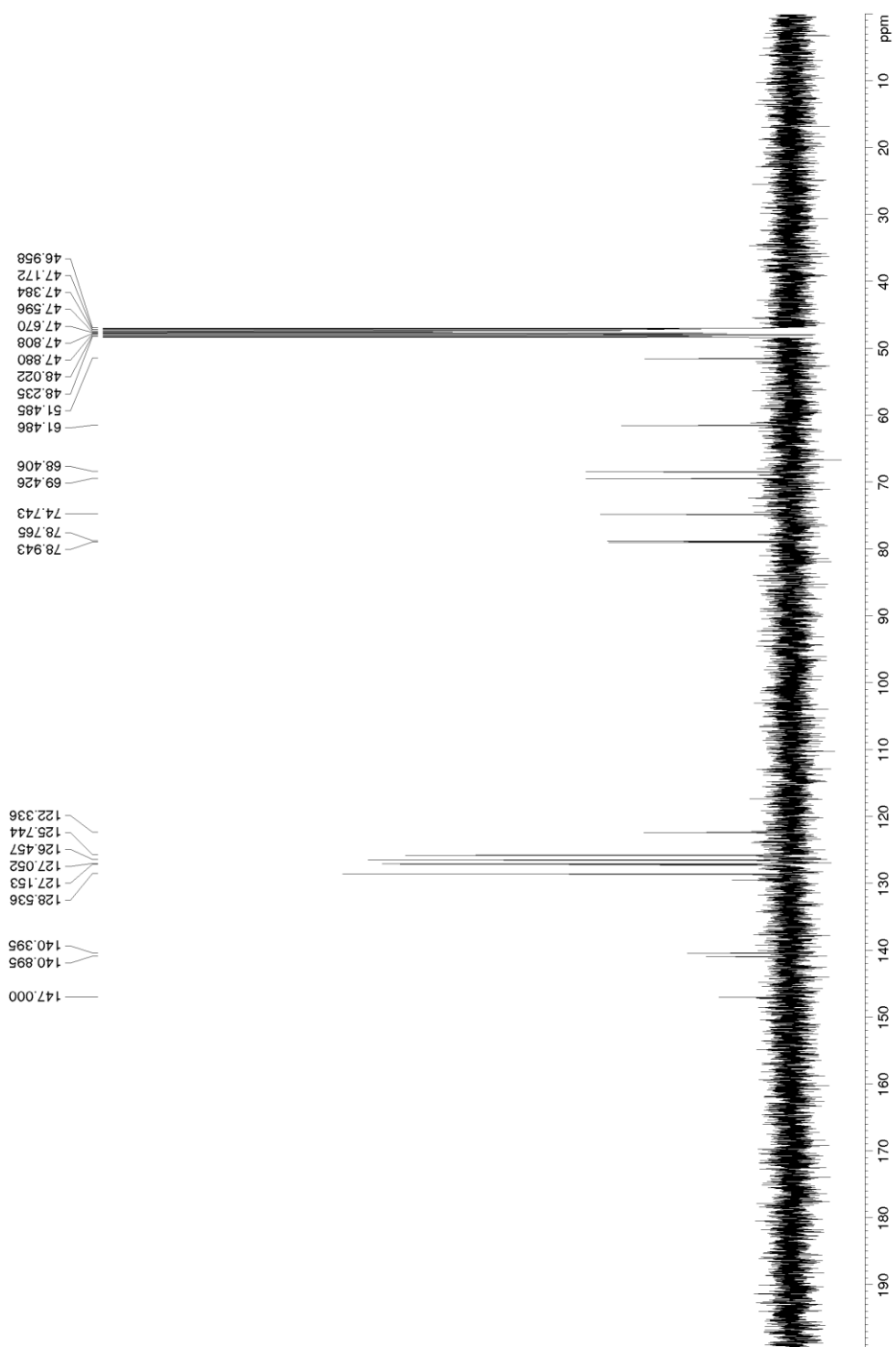


Compound **1m**:

^1H :

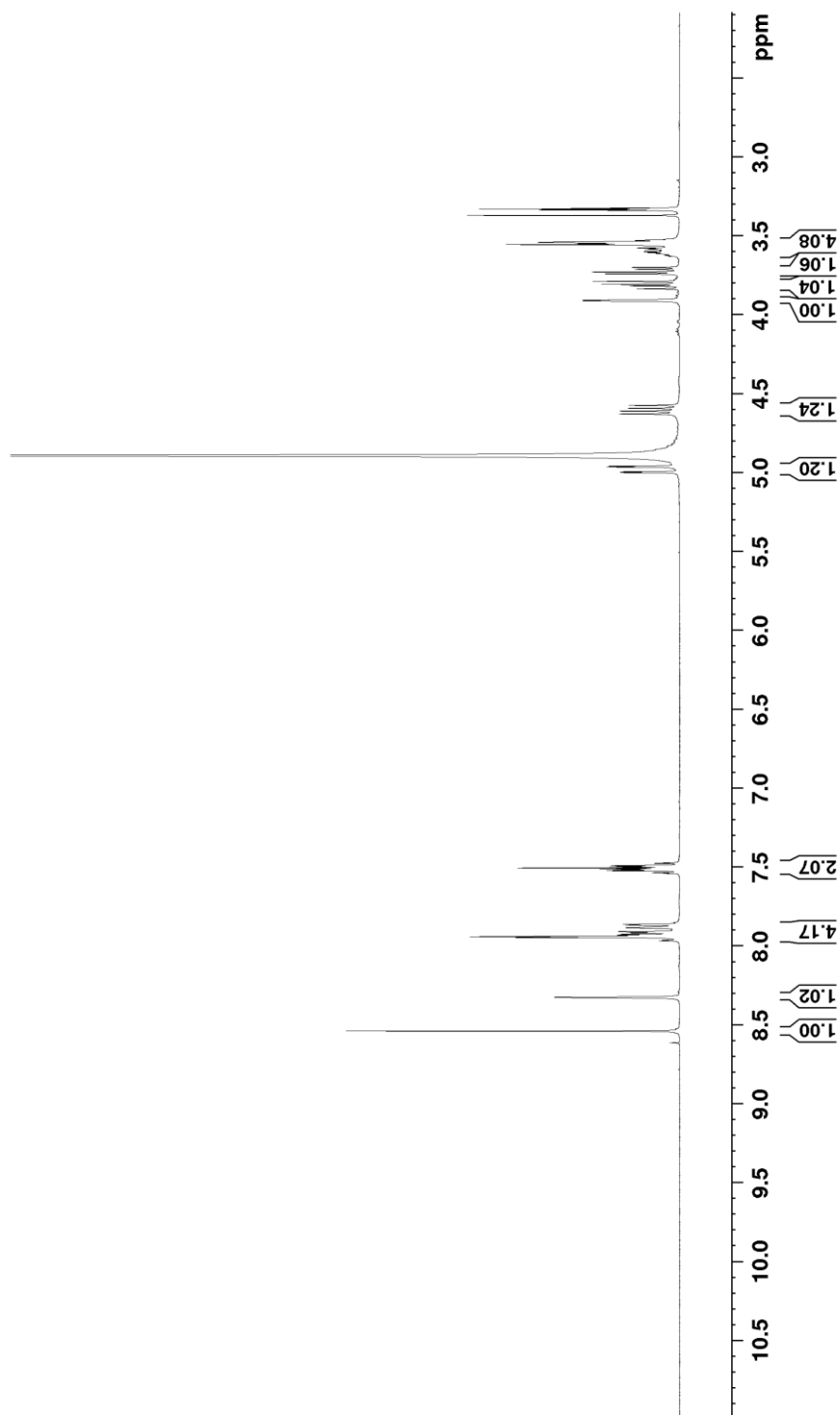


^{13}C :

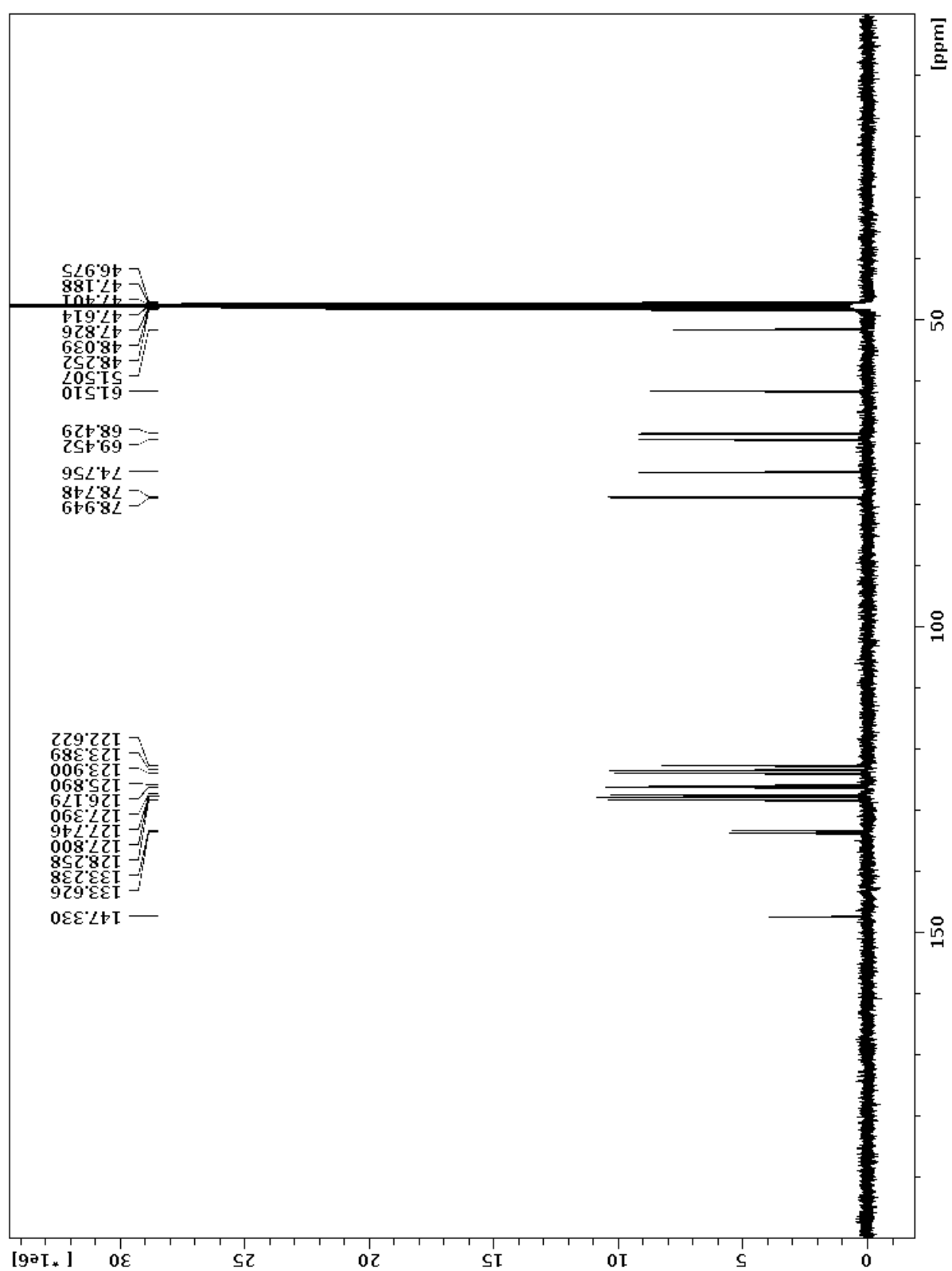


Compound **1n**:

^1H :

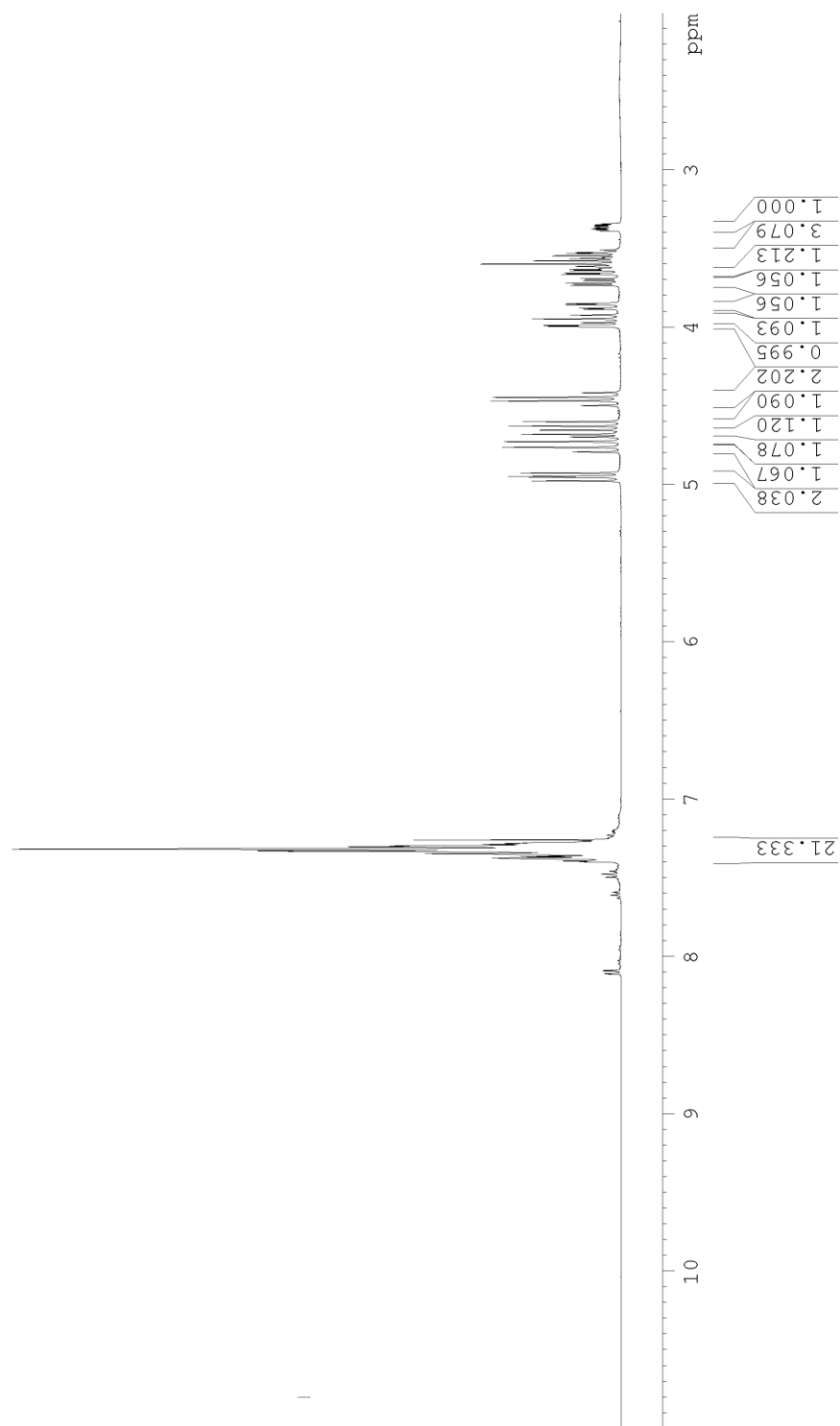


^{13}C :

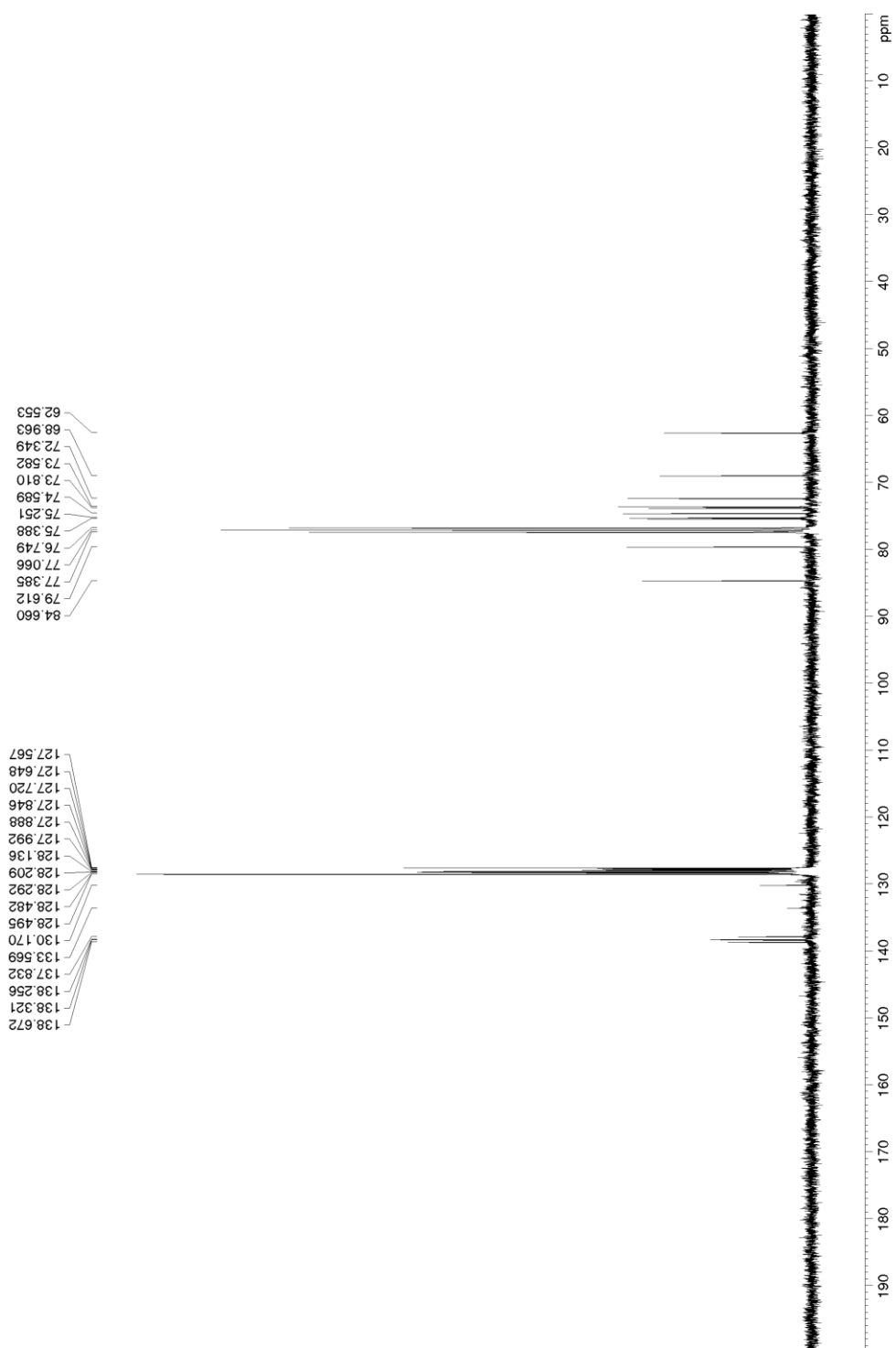


Compound **3**:

^1H :

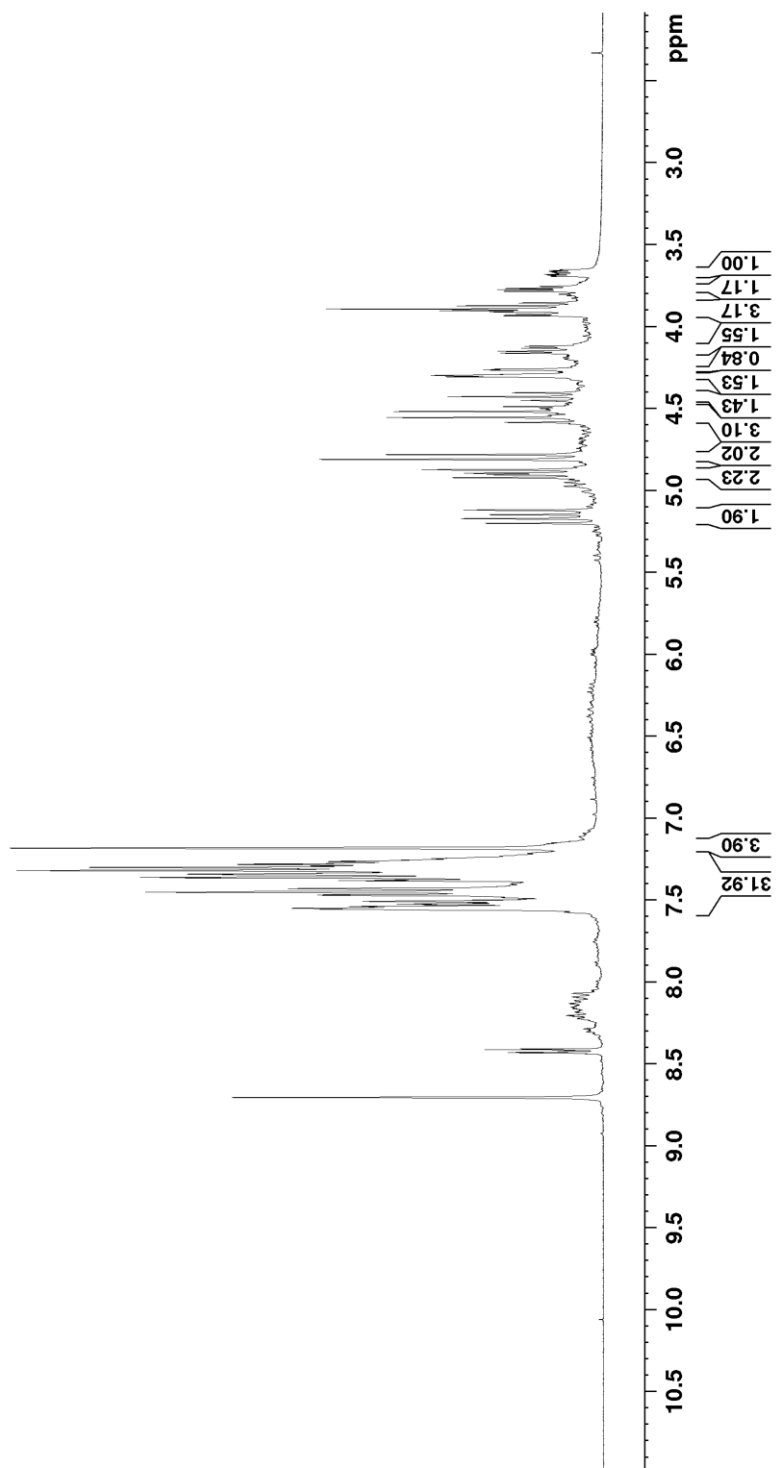


^{13}C :

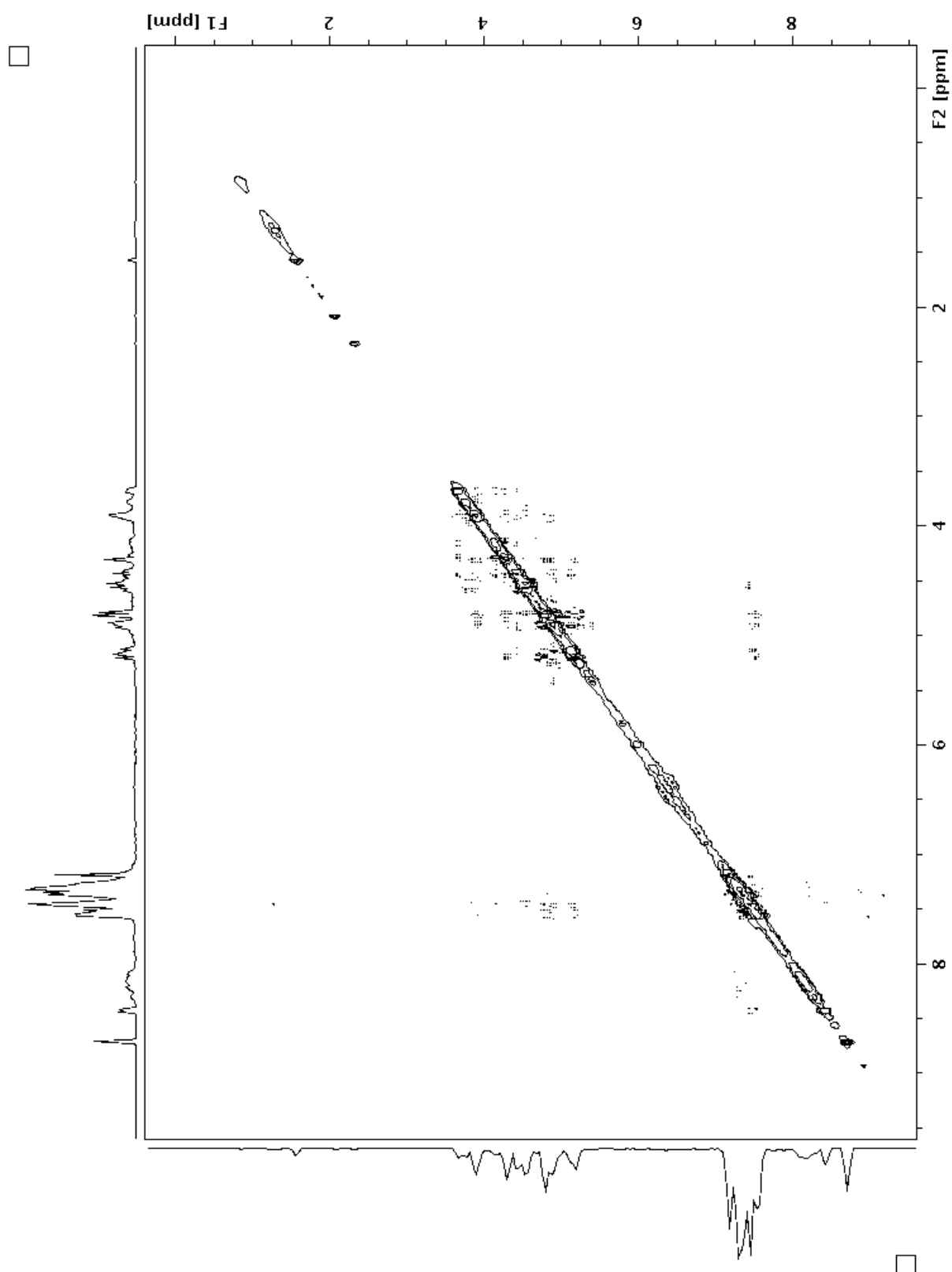


Compound **3** continued:

^1H pyridine- d_5 :

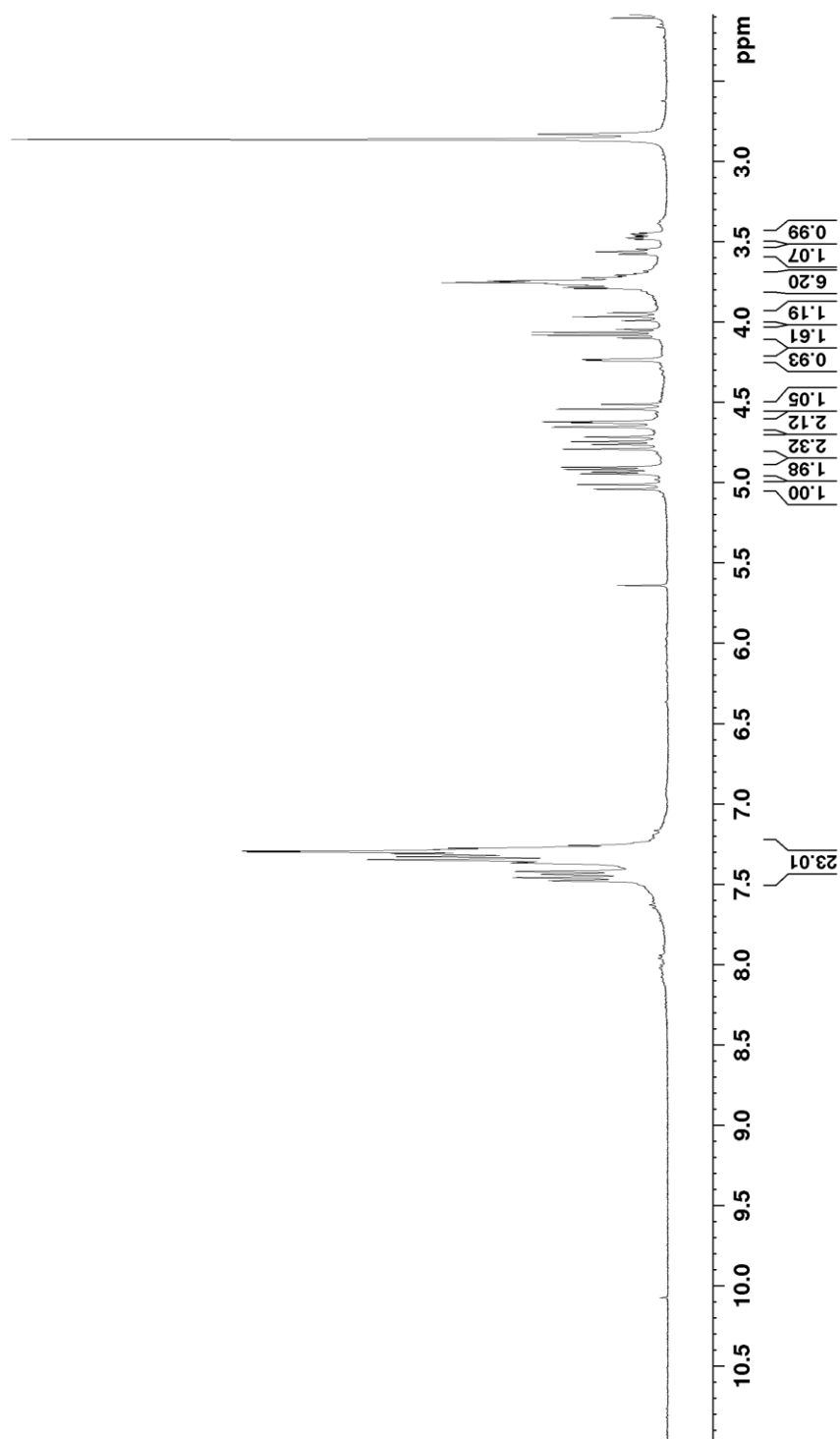


NOESY pyridine-d5:

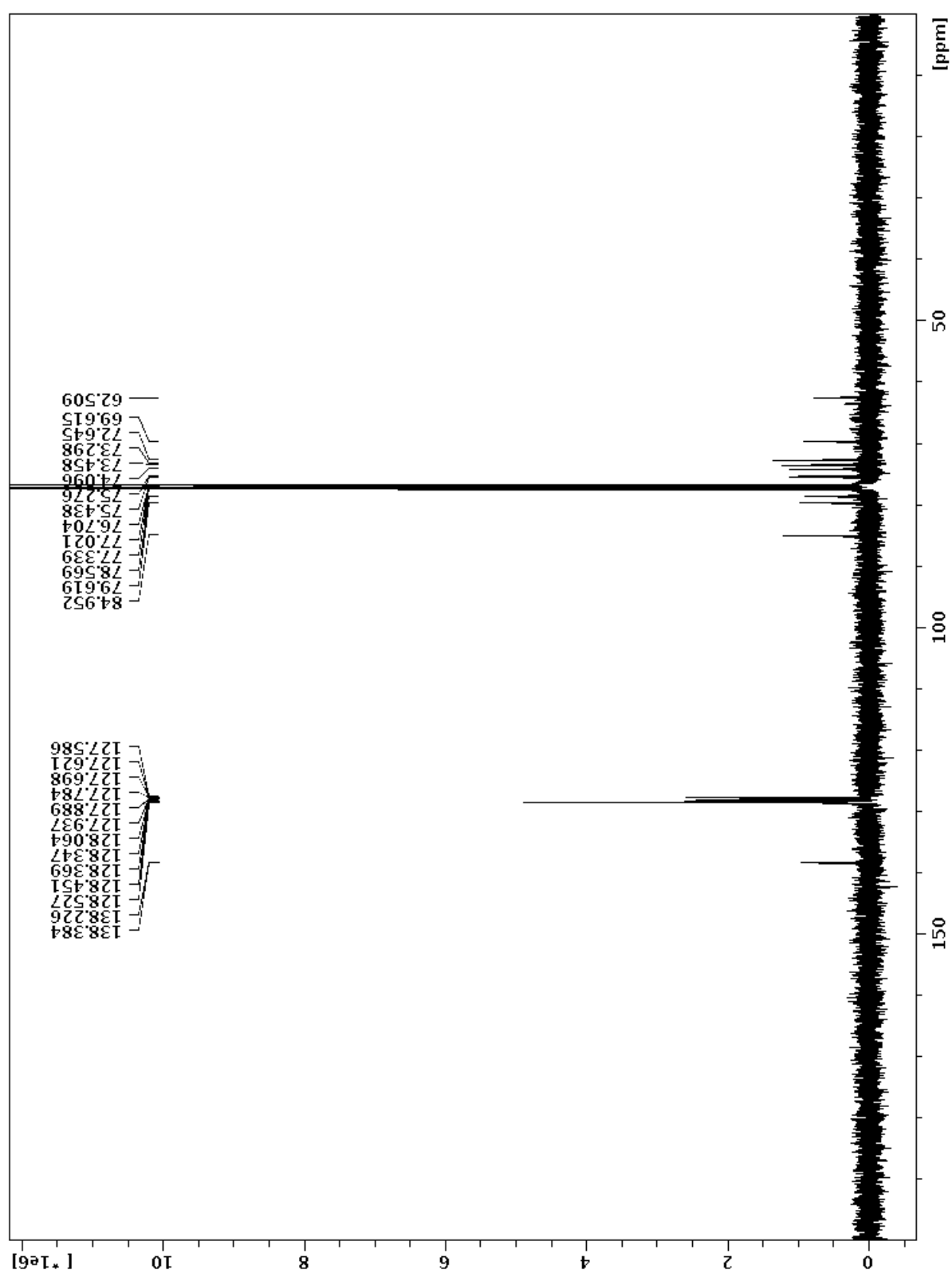


Compound **5**:

^1H :

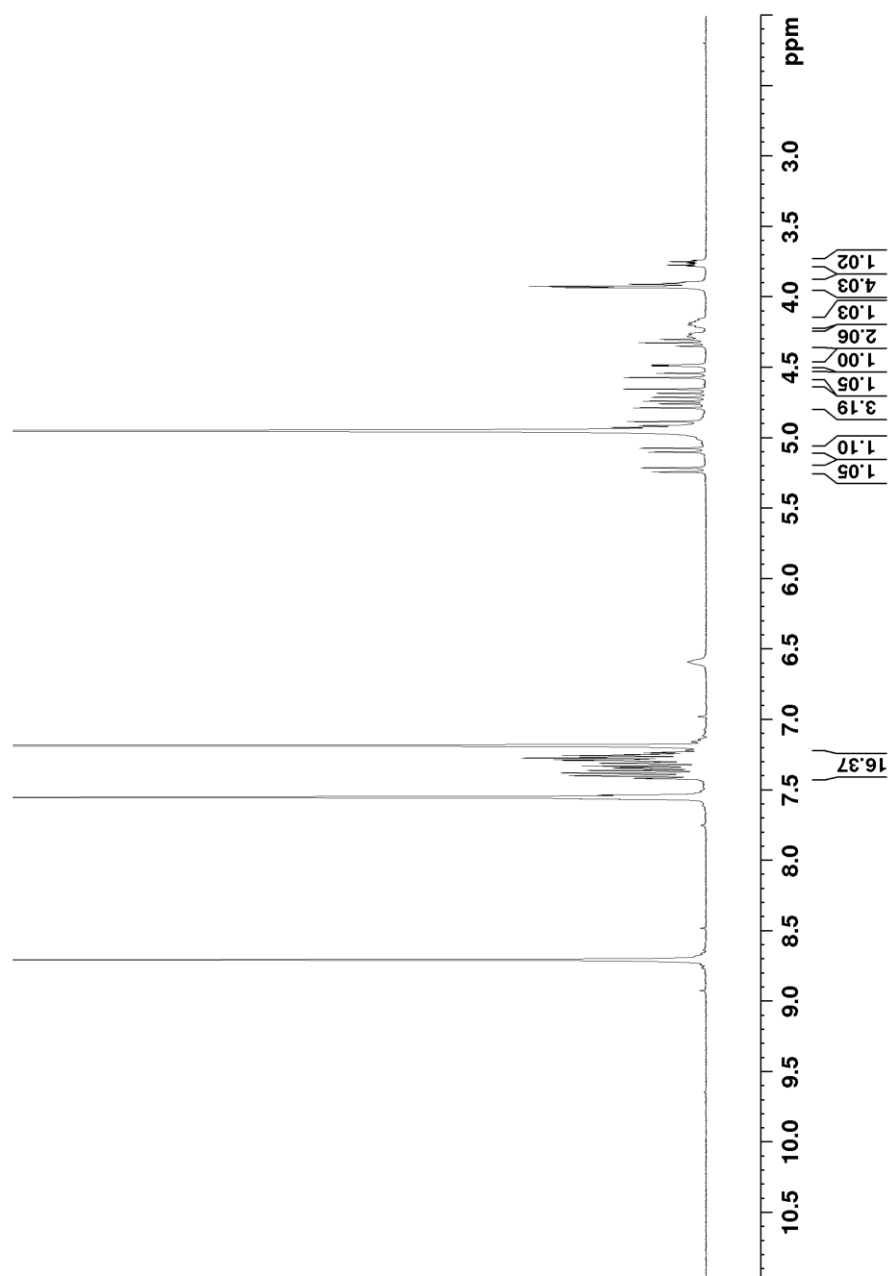


^{13}C :

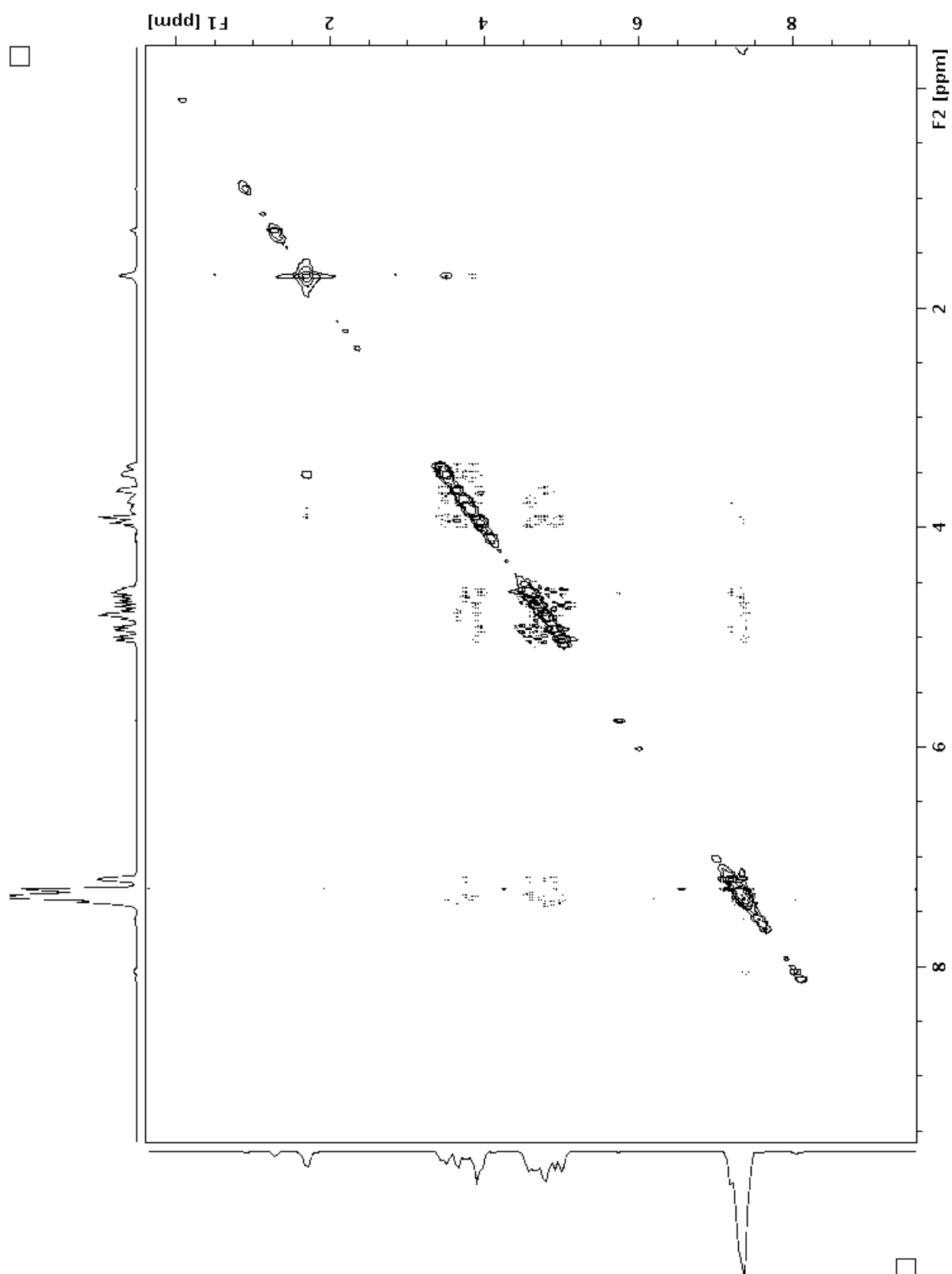


Compound **5** continued:

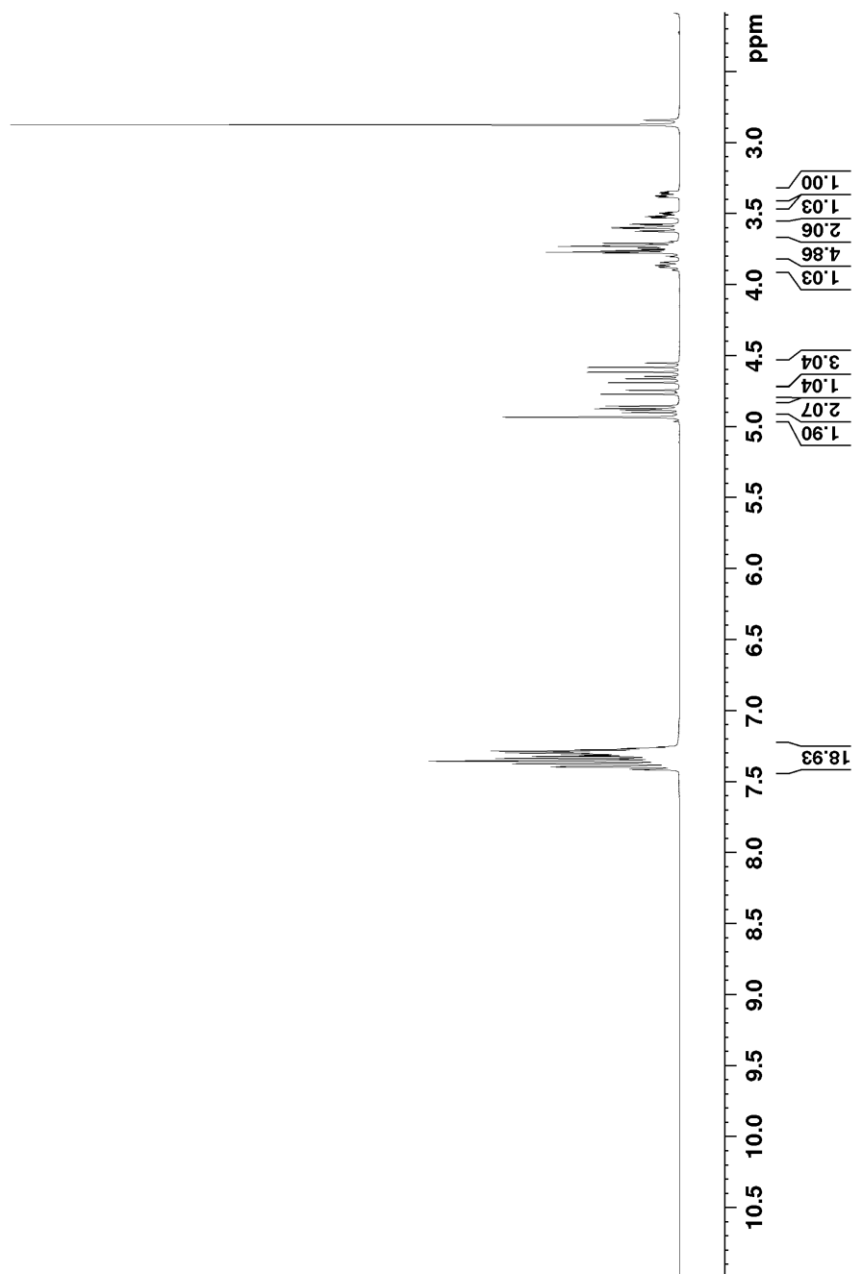
^1H pyridine- d_5 :



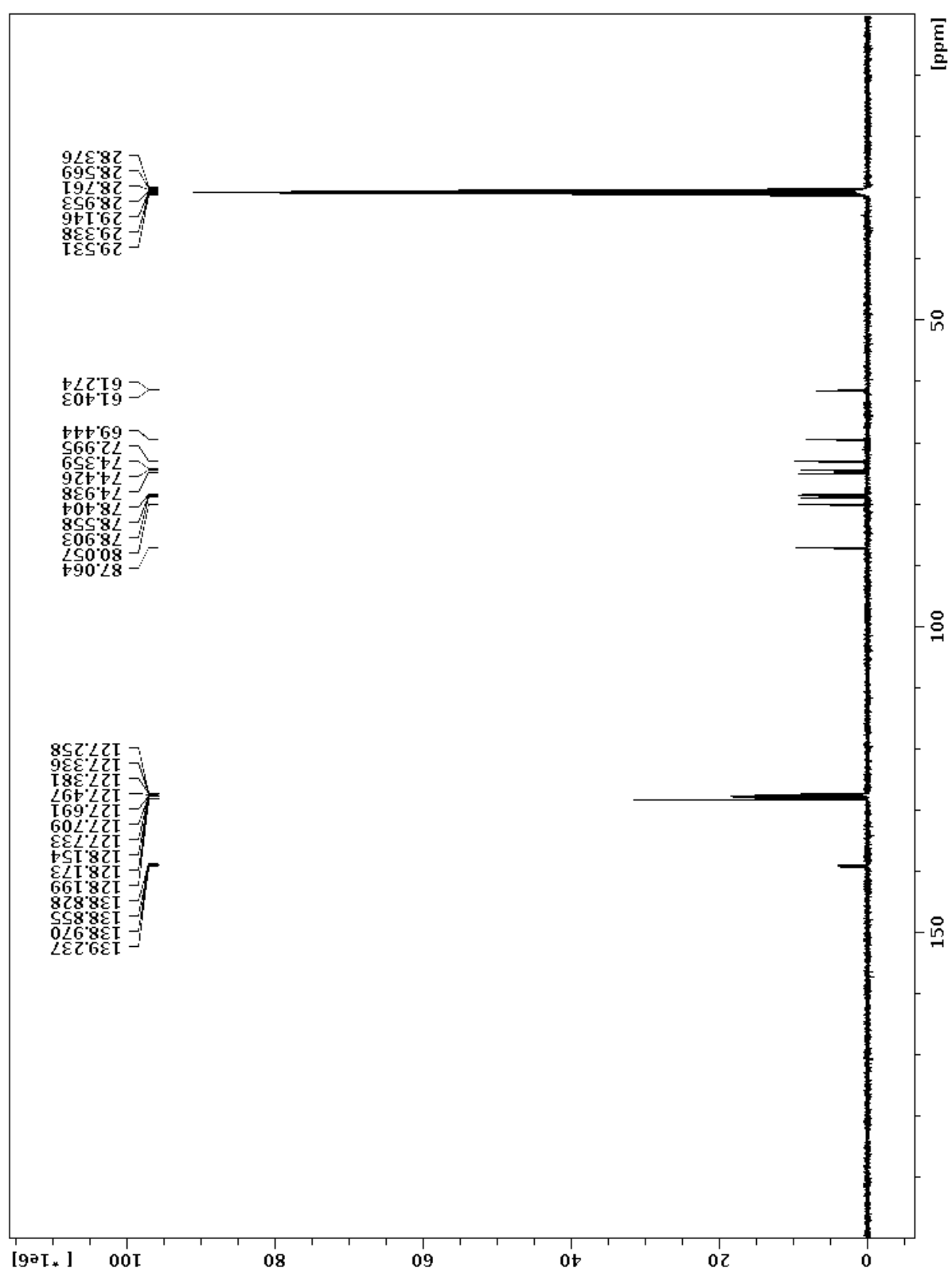
NOESY pyridine-d5:



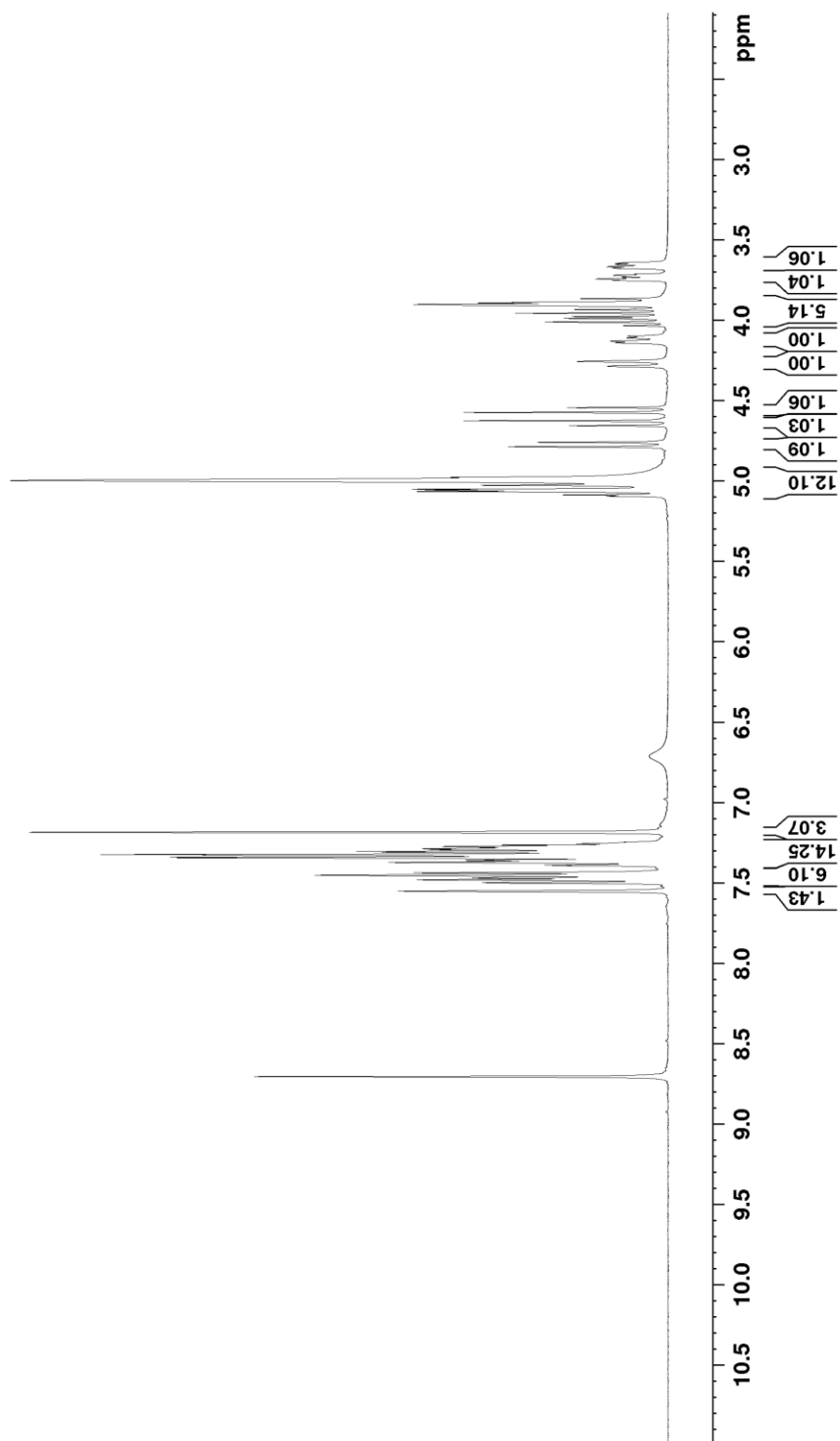
Compound β -7
 ^1H :



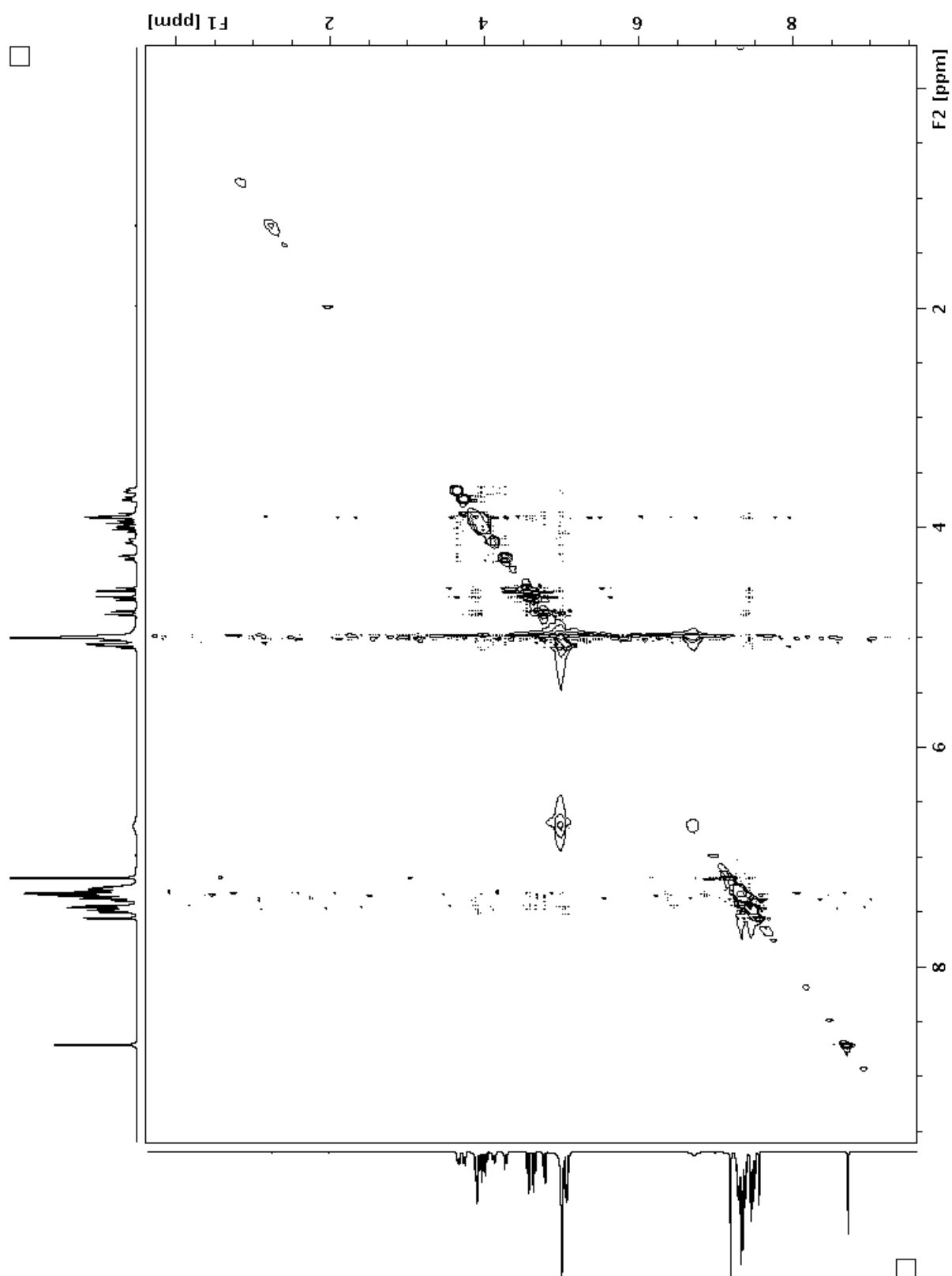
^{13}C :



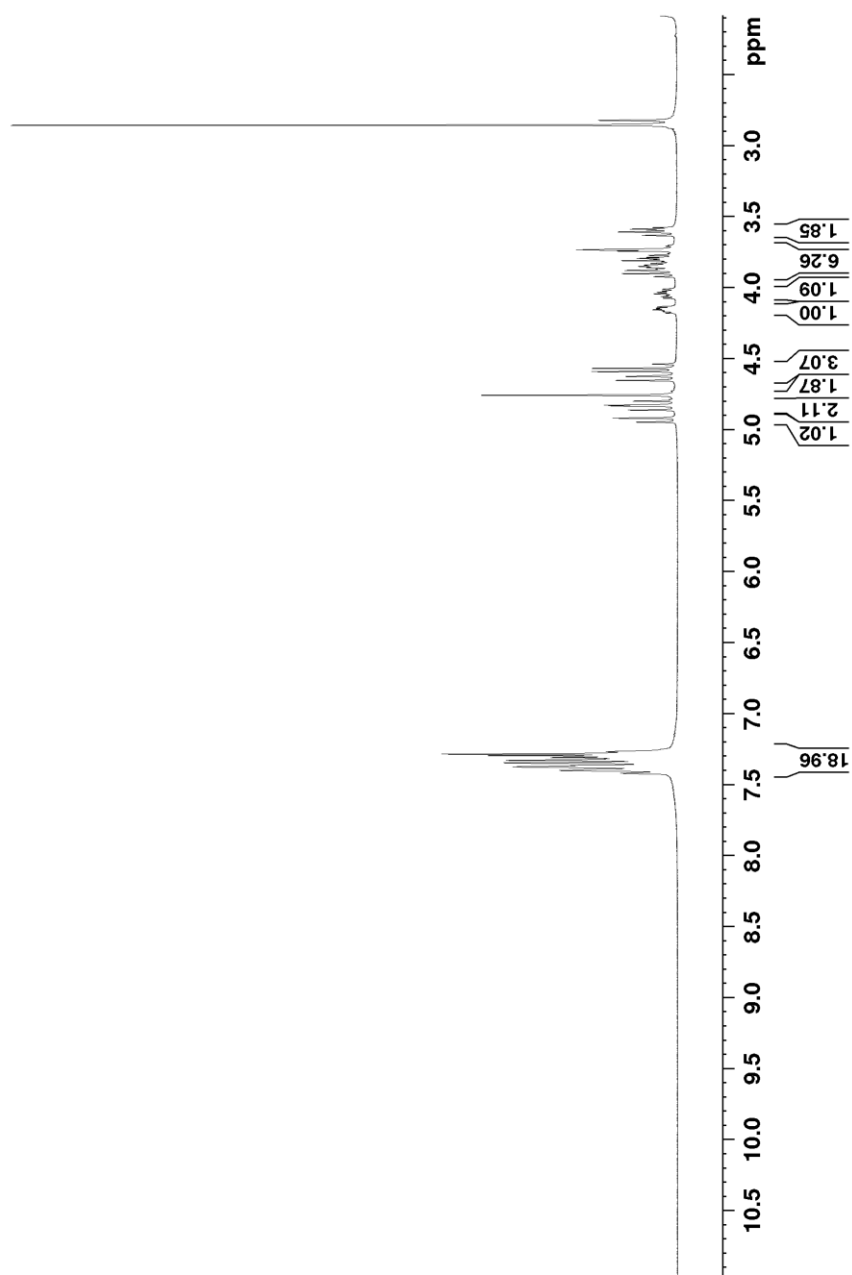
Compound β -7
 ^1H pyridine- d_5



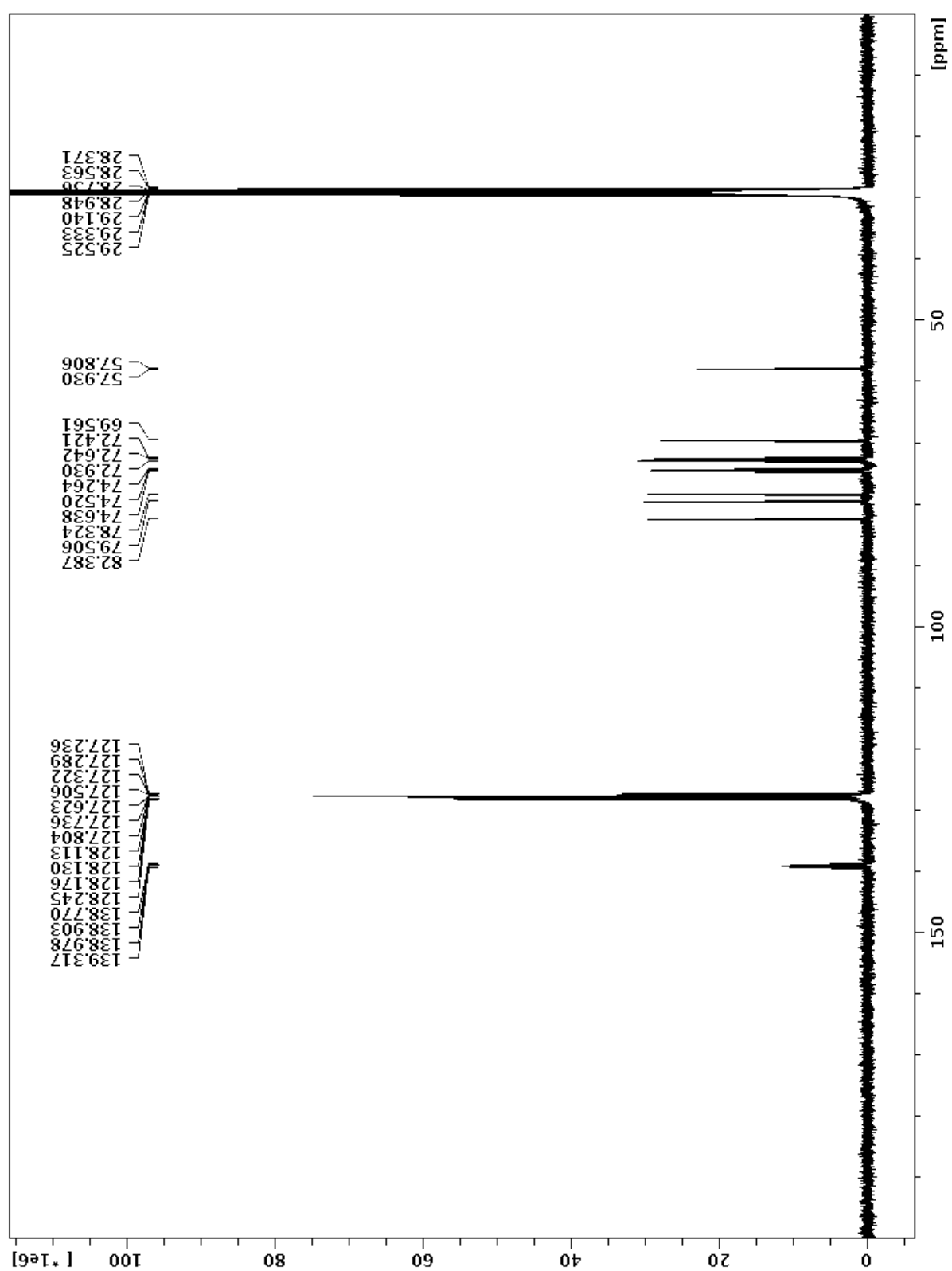
NOESY pyridine-d5:



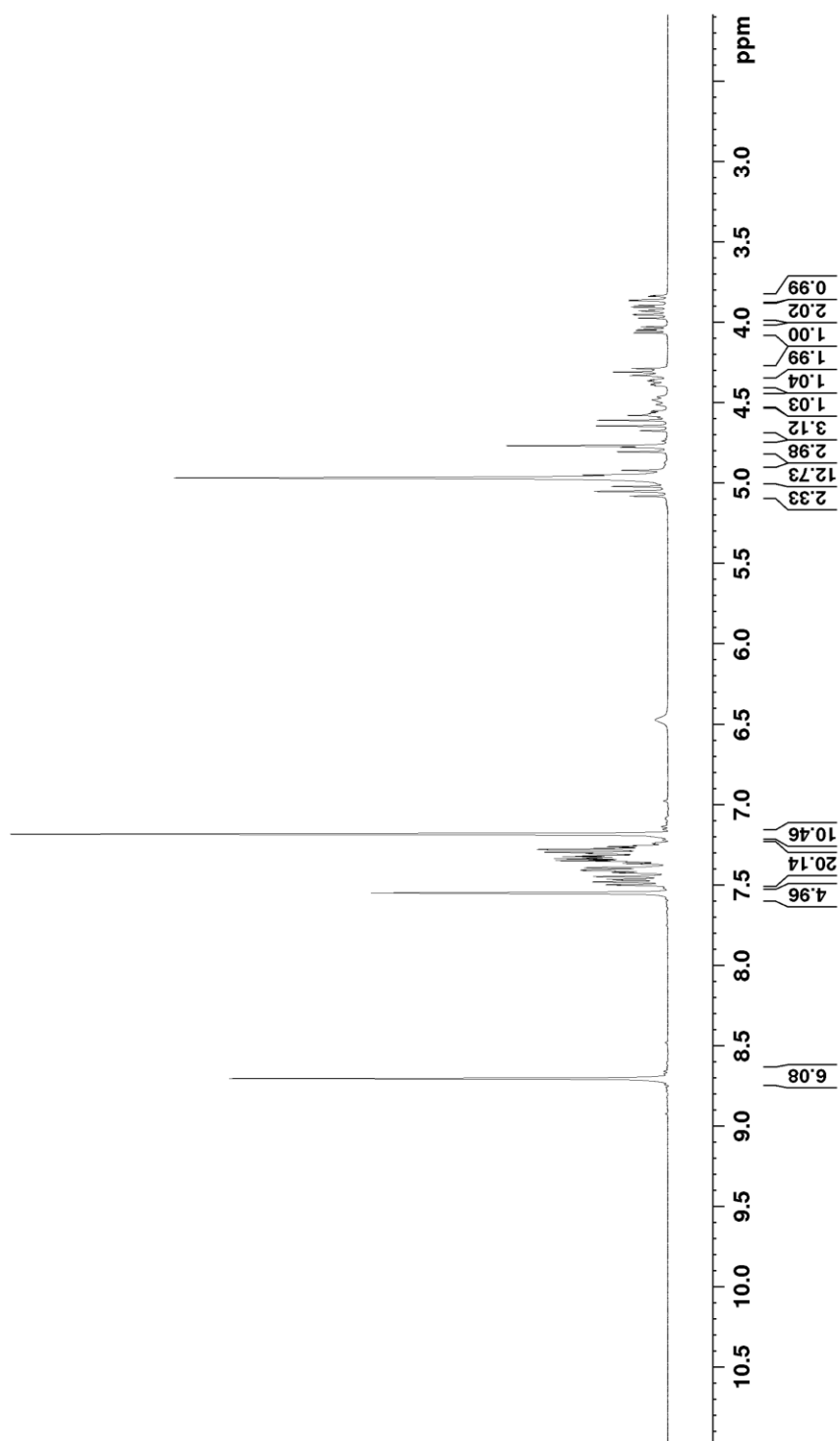
Compound α -7
 ^1H :



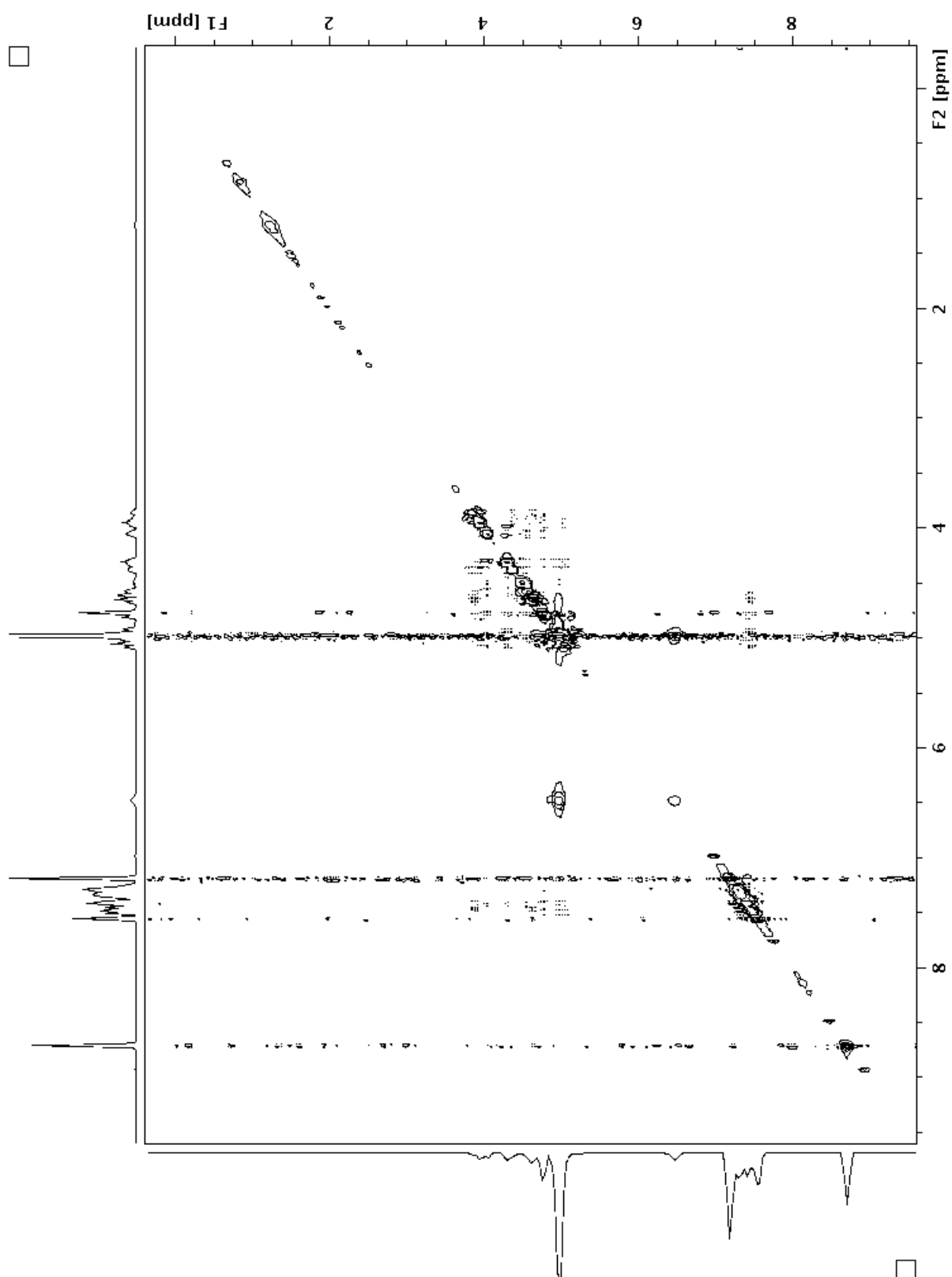
^{13}C :



Compound β -7
 ^1H pyridine- d_5 :

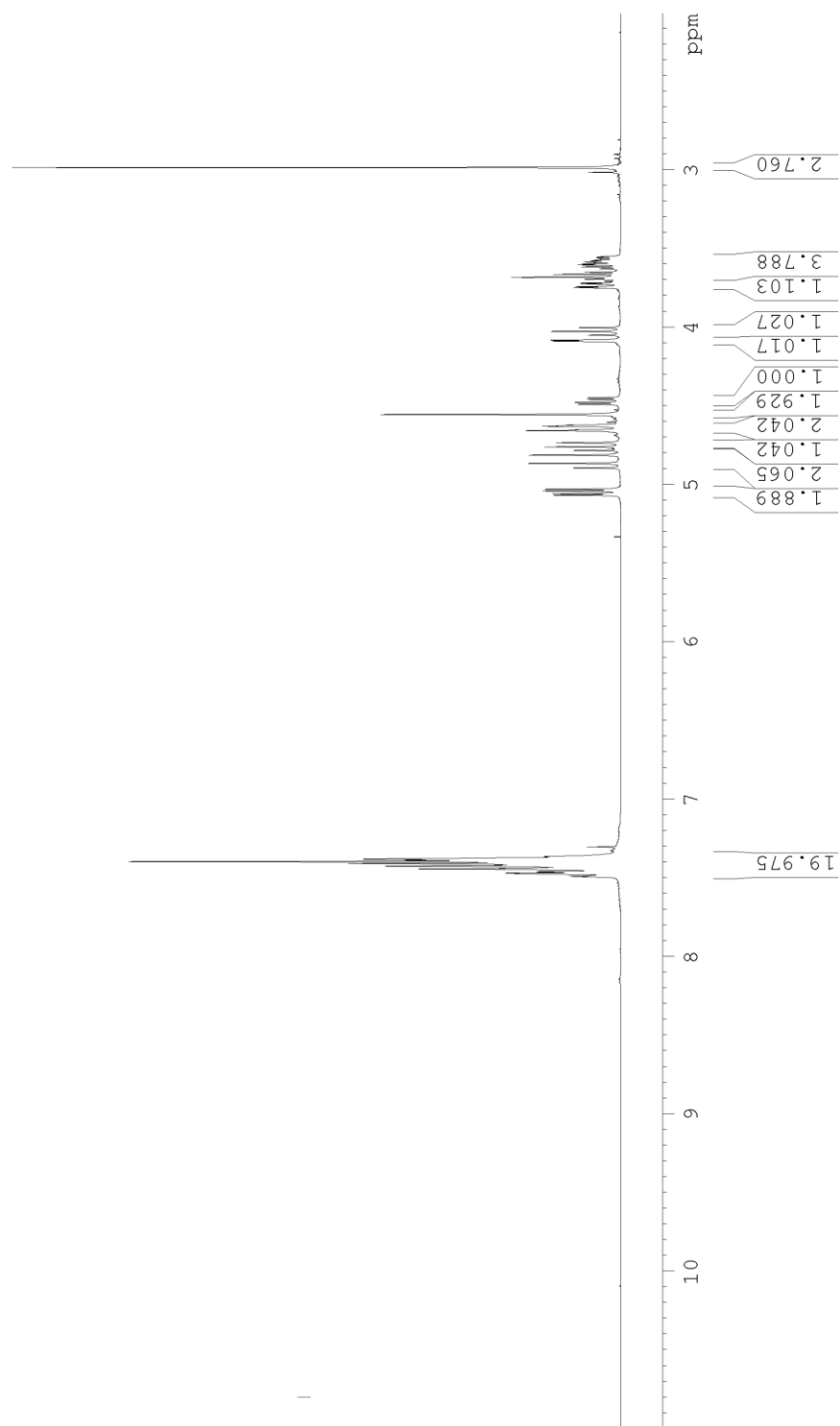


NOESY pyridine-d5:

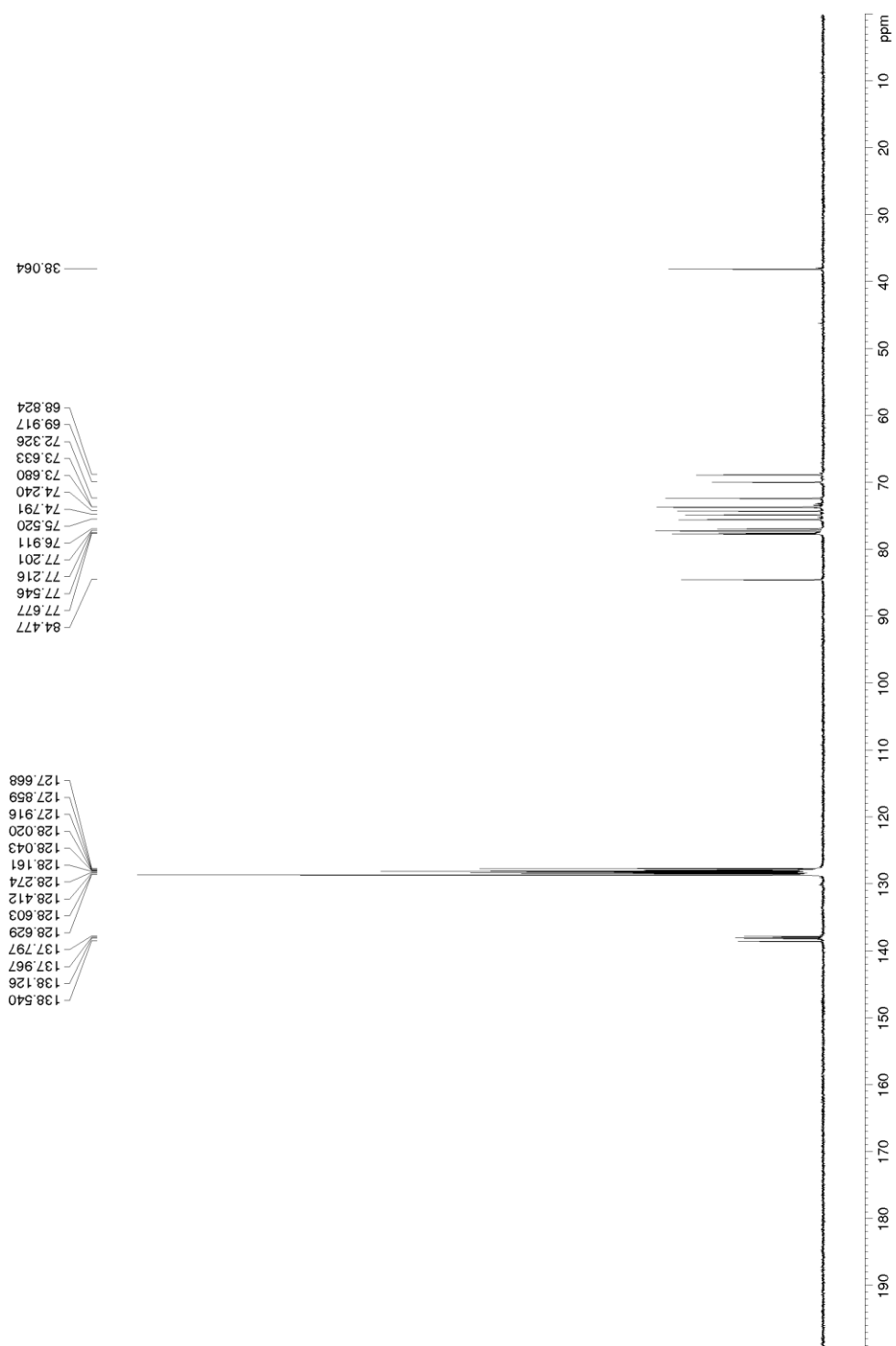


Compound **8**:

^1H :

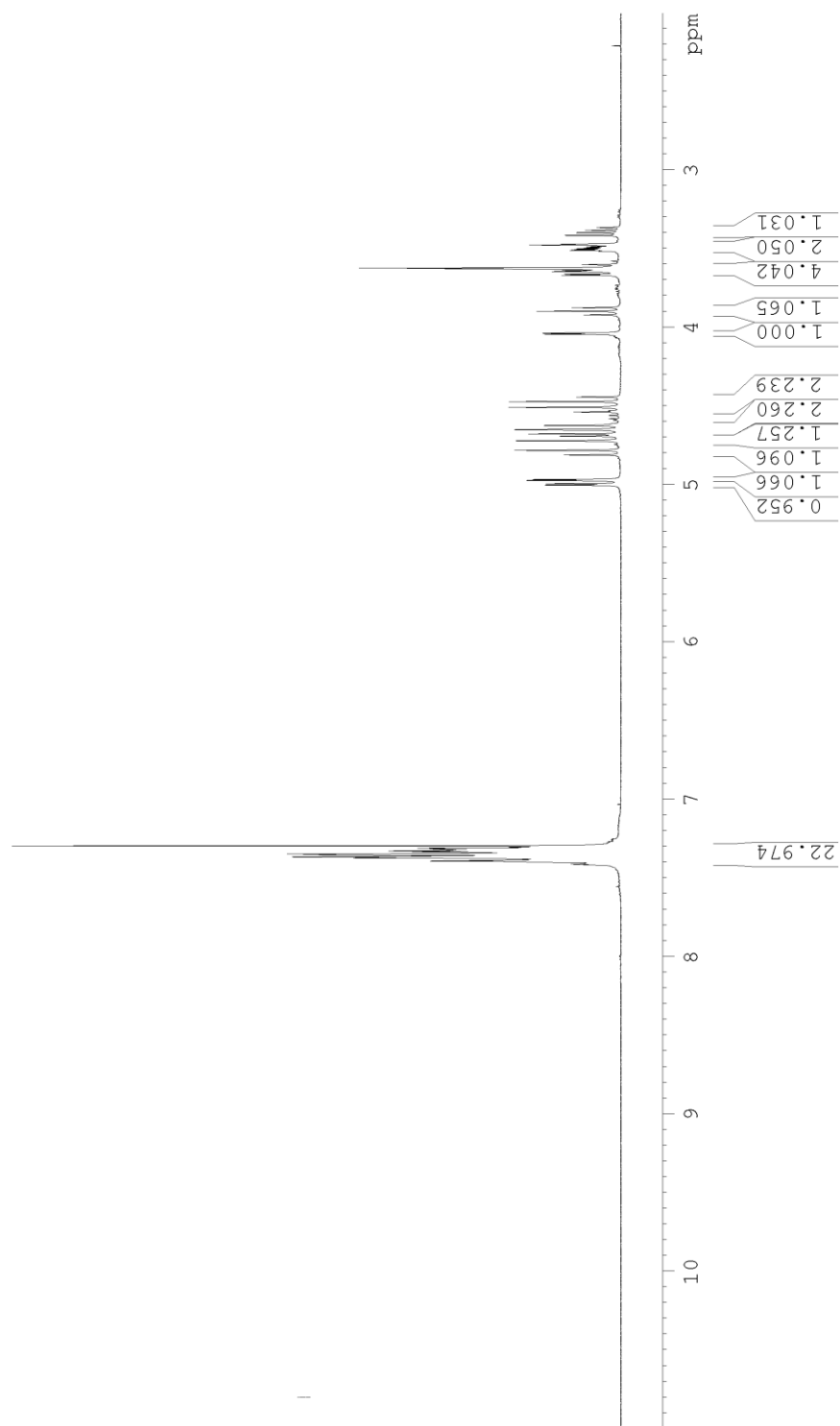


^{13}C :



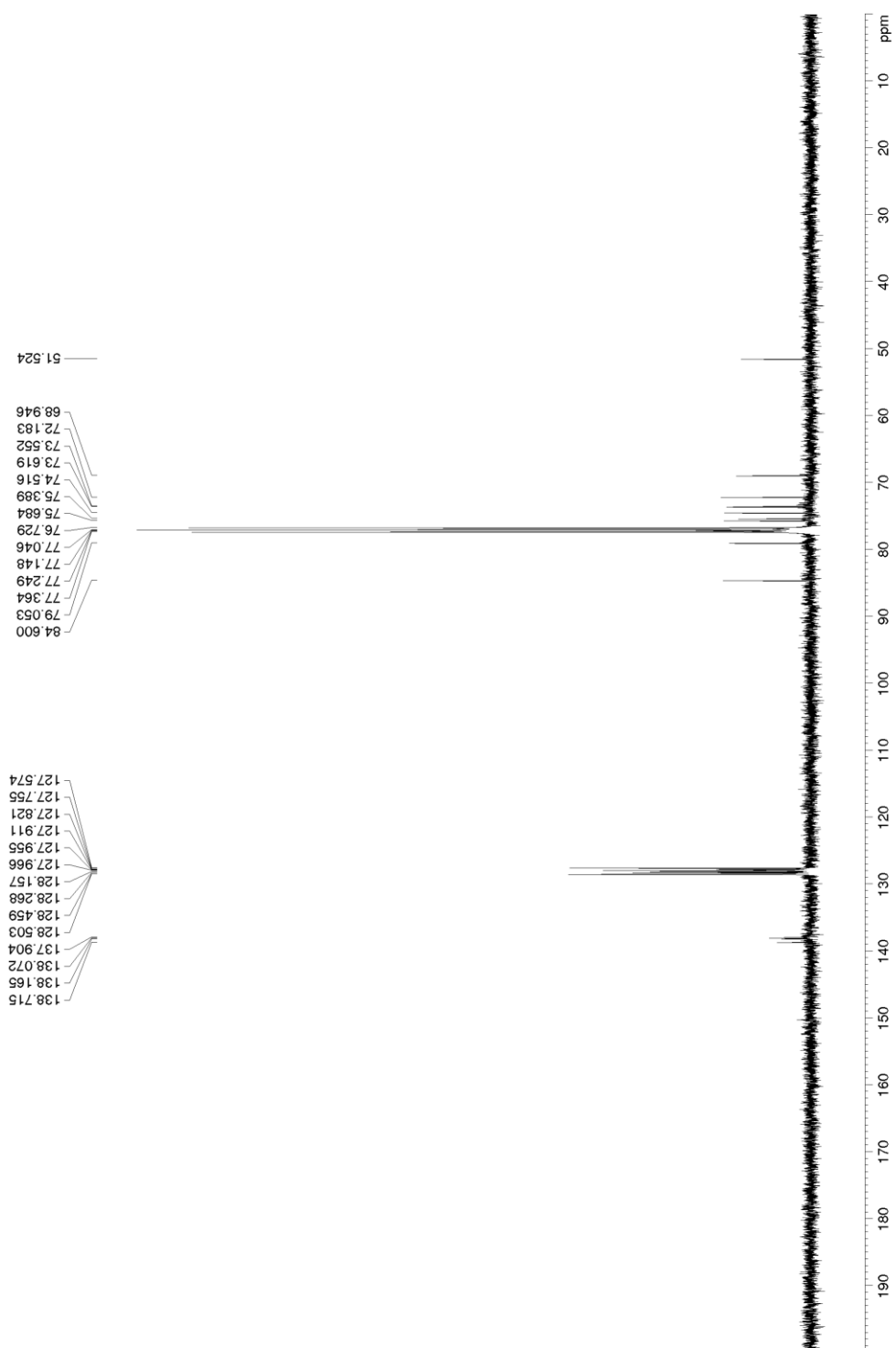
Compound **9**:

^1H :



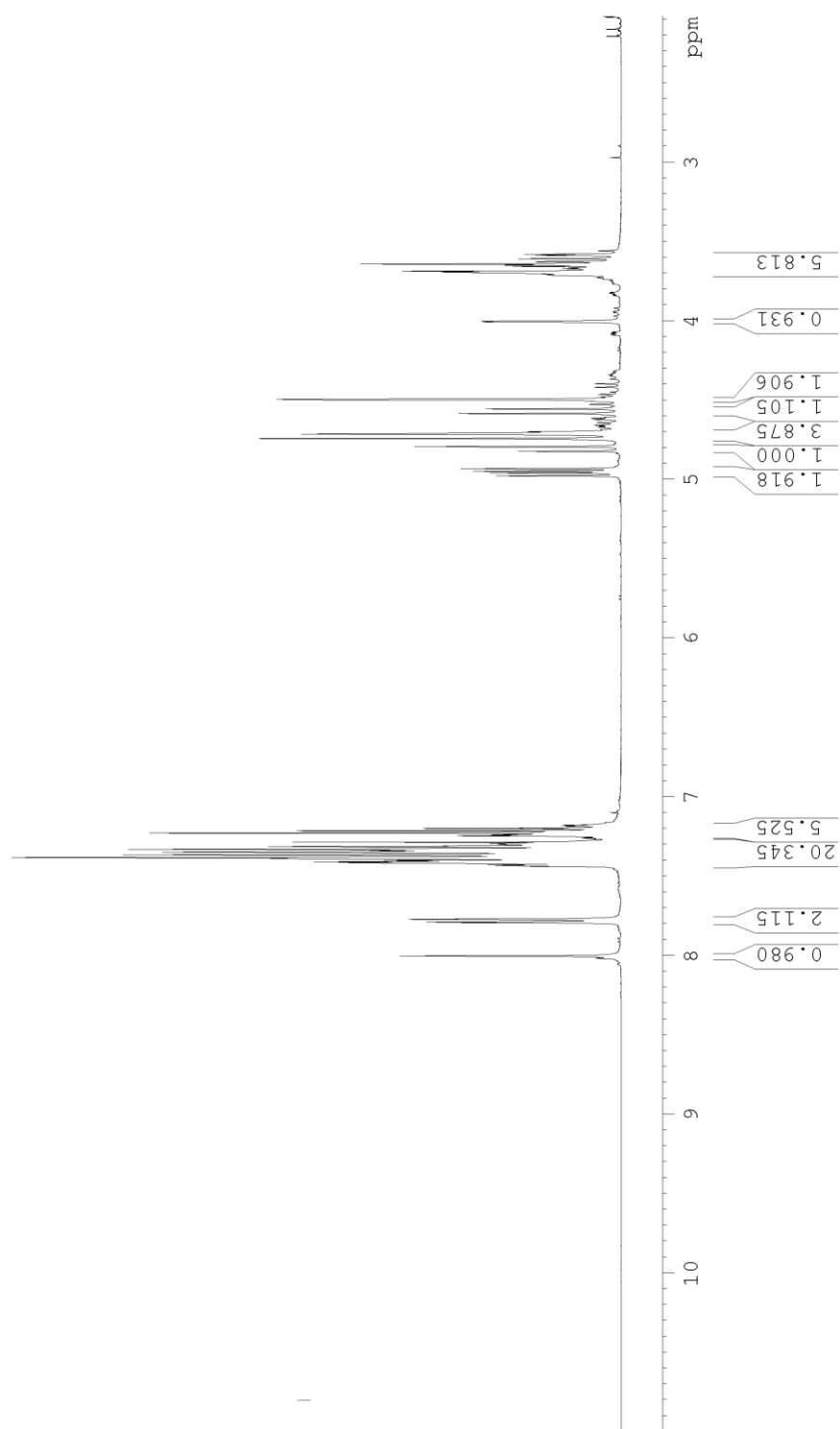
ppm

^{13}C :



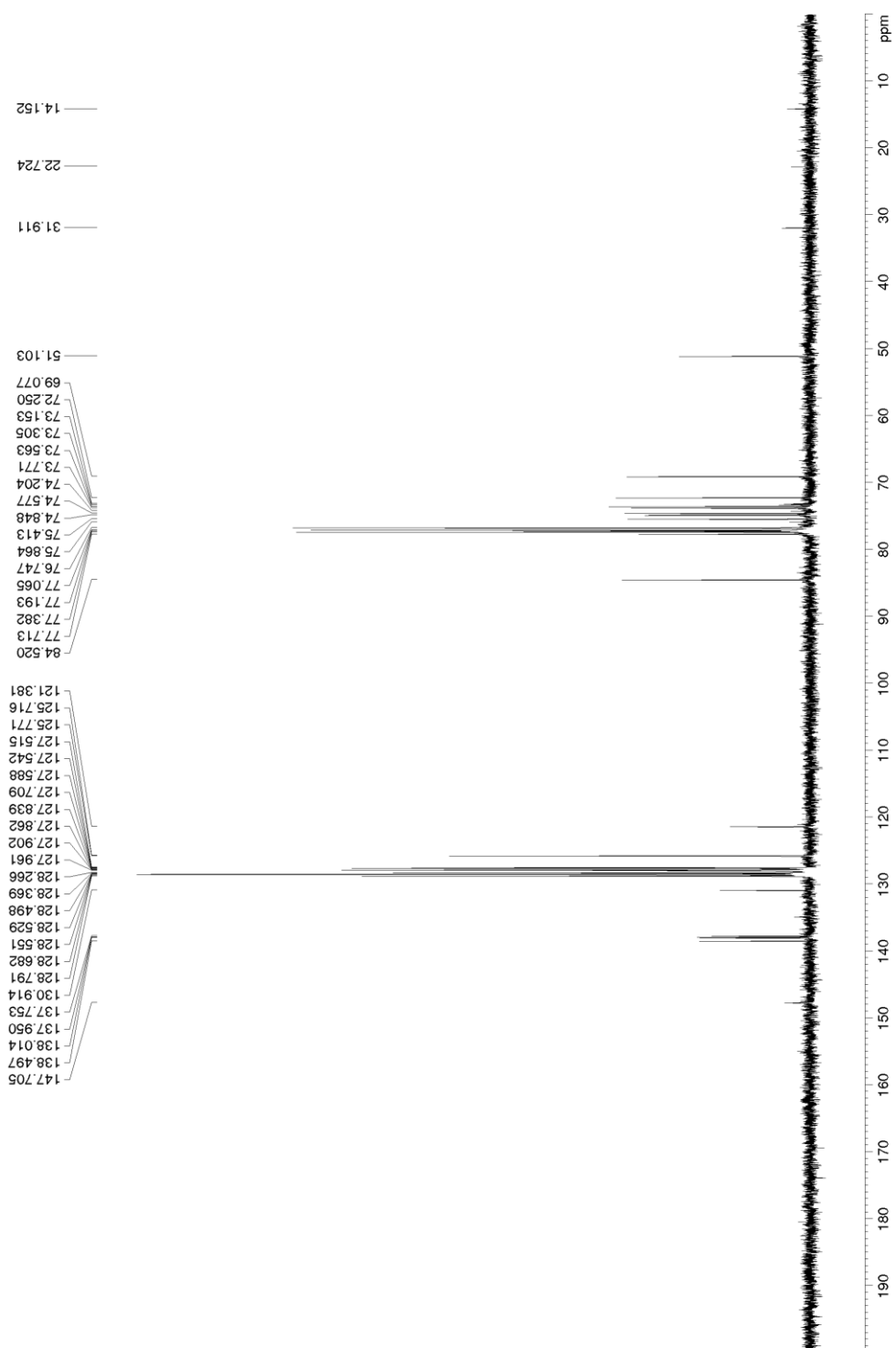
Compound **10a**:

^1H :



ppm

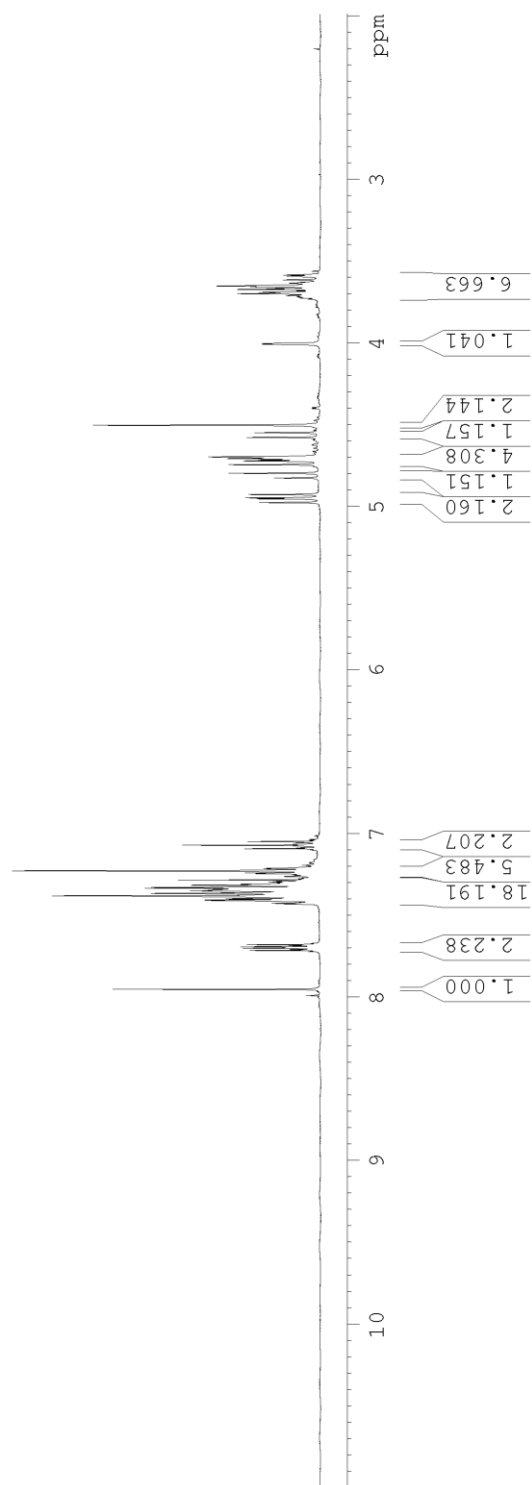
^{13}C :



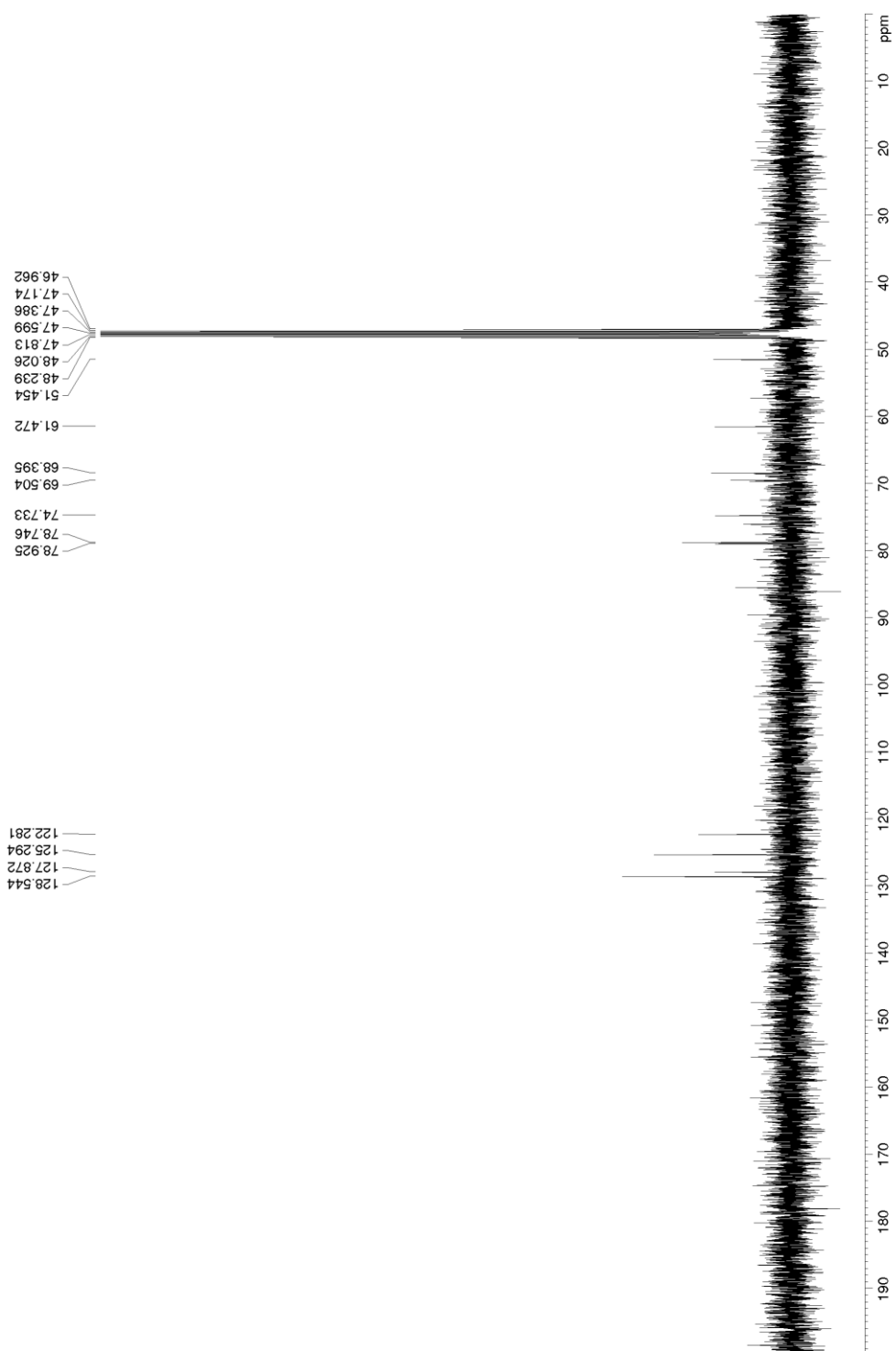
Compound **10b**:

^1H :

ppm

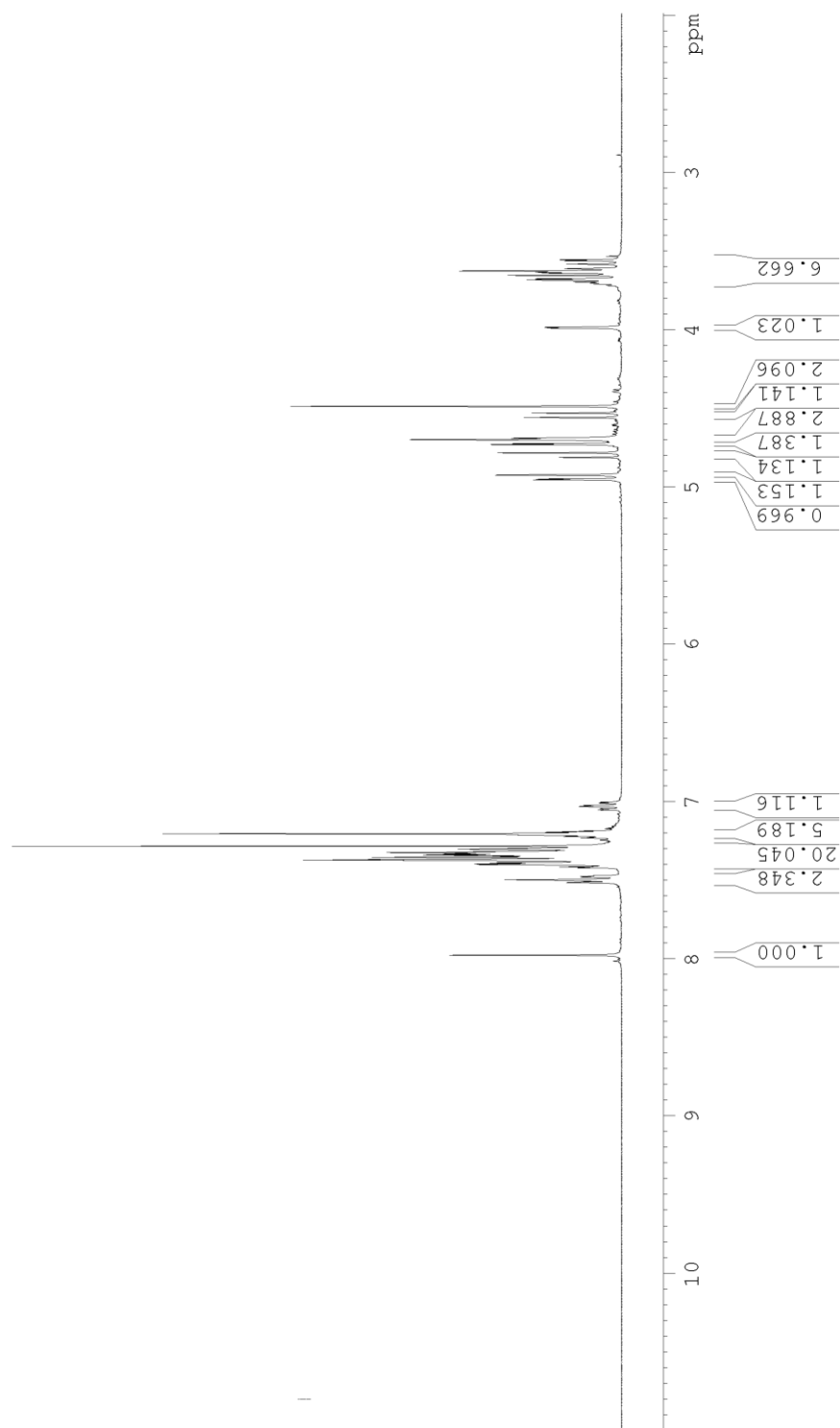


^{13}C :

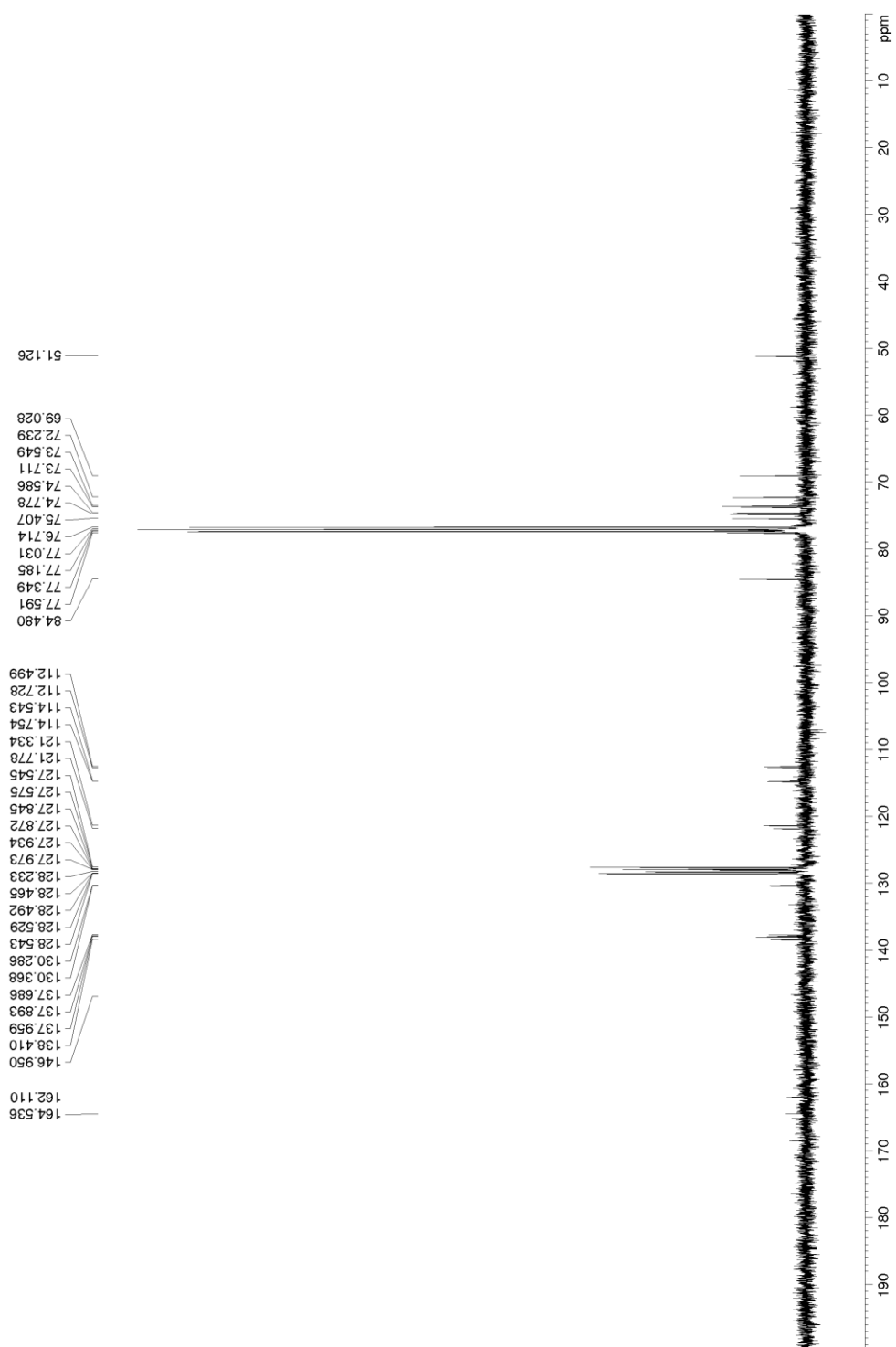


Compound **10c**:

^1H :

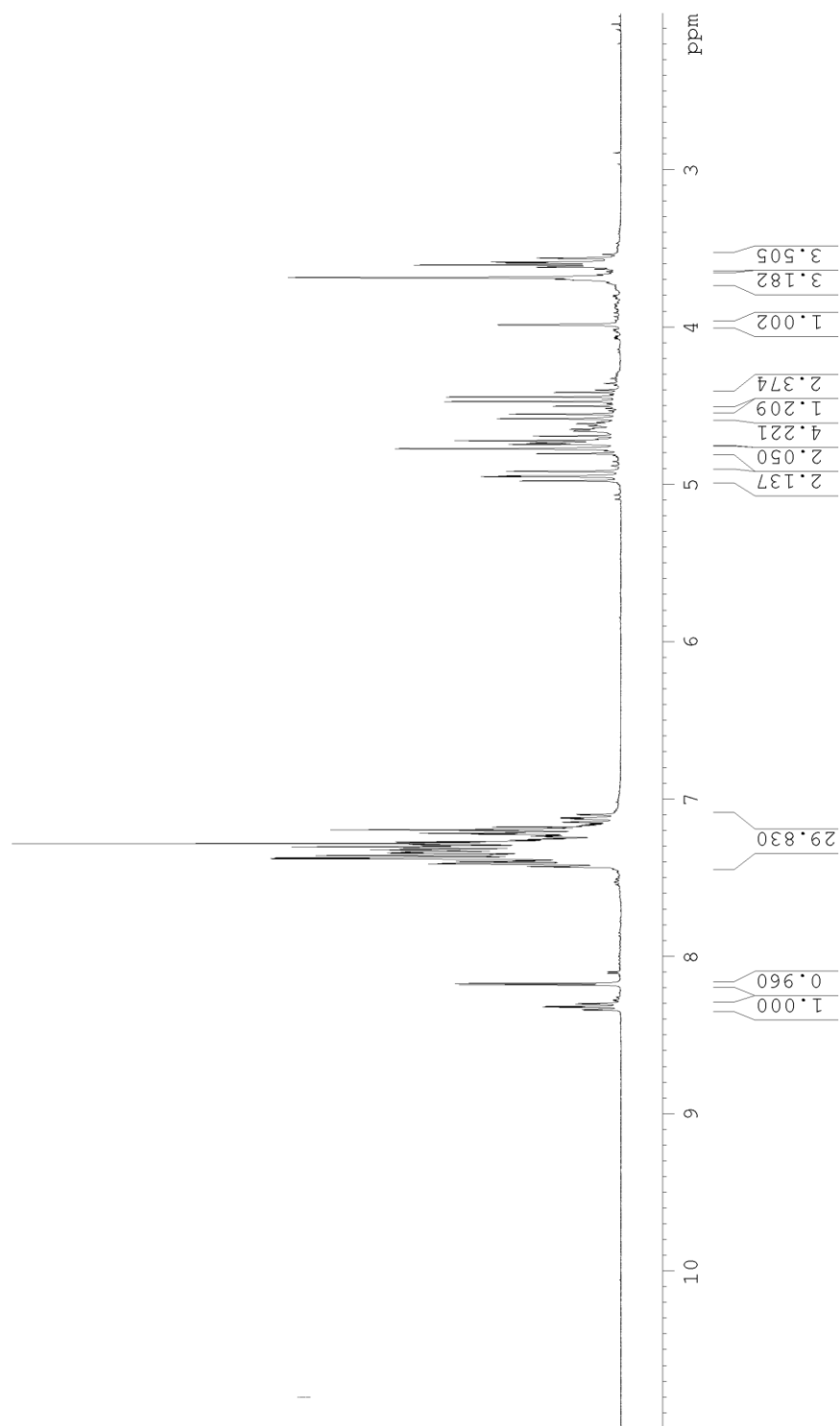


^{13}C :



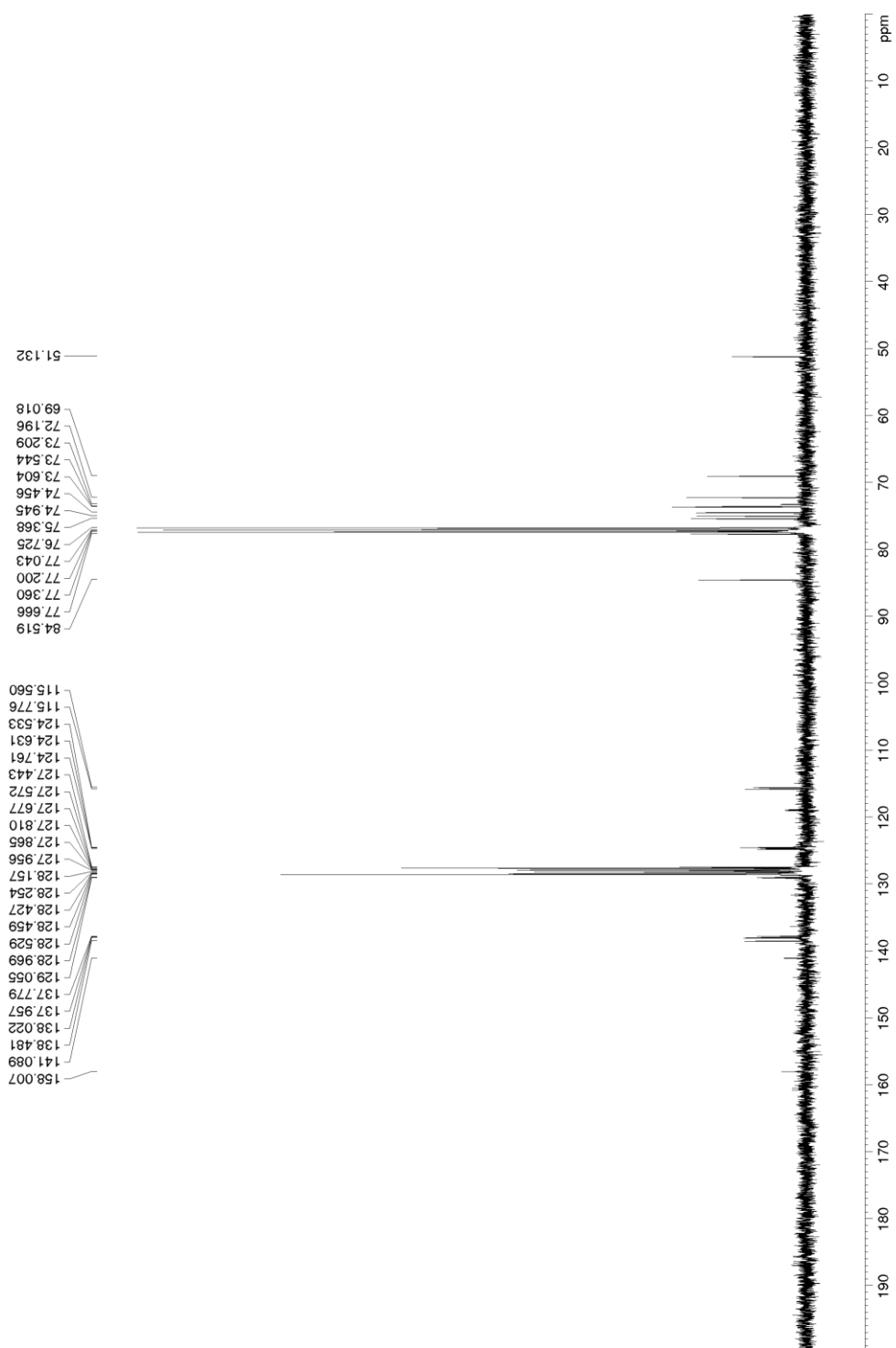
Compound **10d**:

^1H :



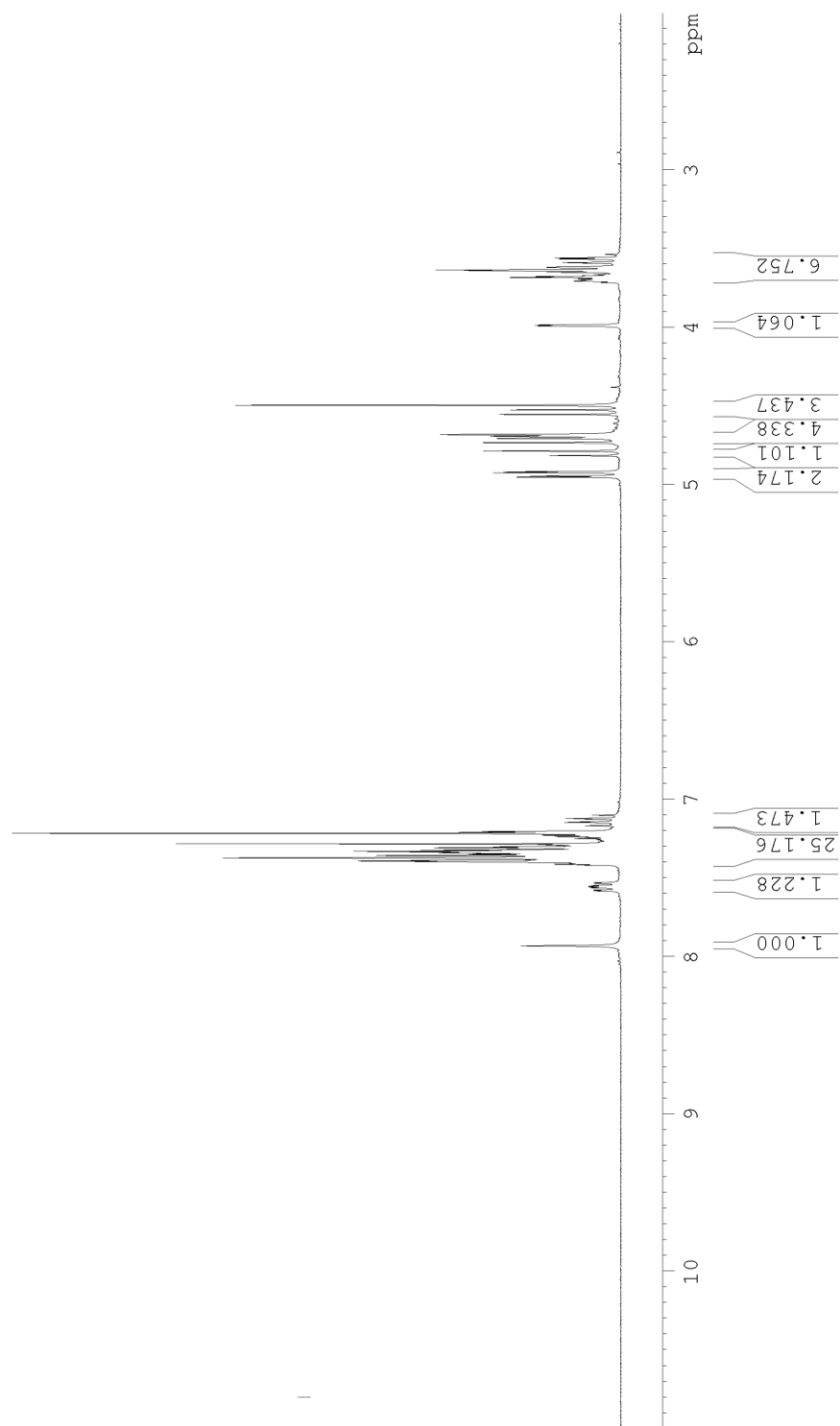
ppm

^{13}C :



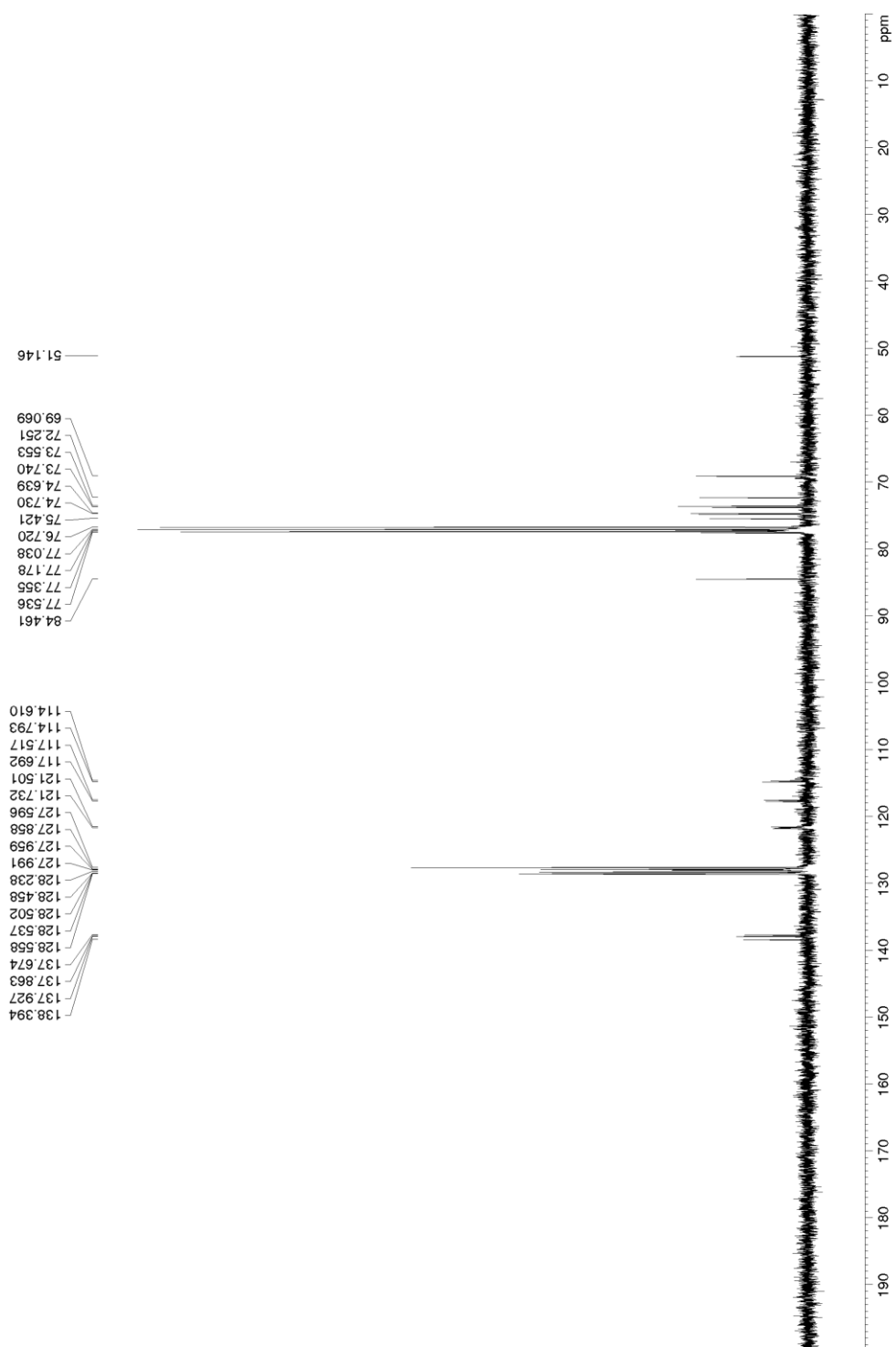
Compound **10e**:

^1H :



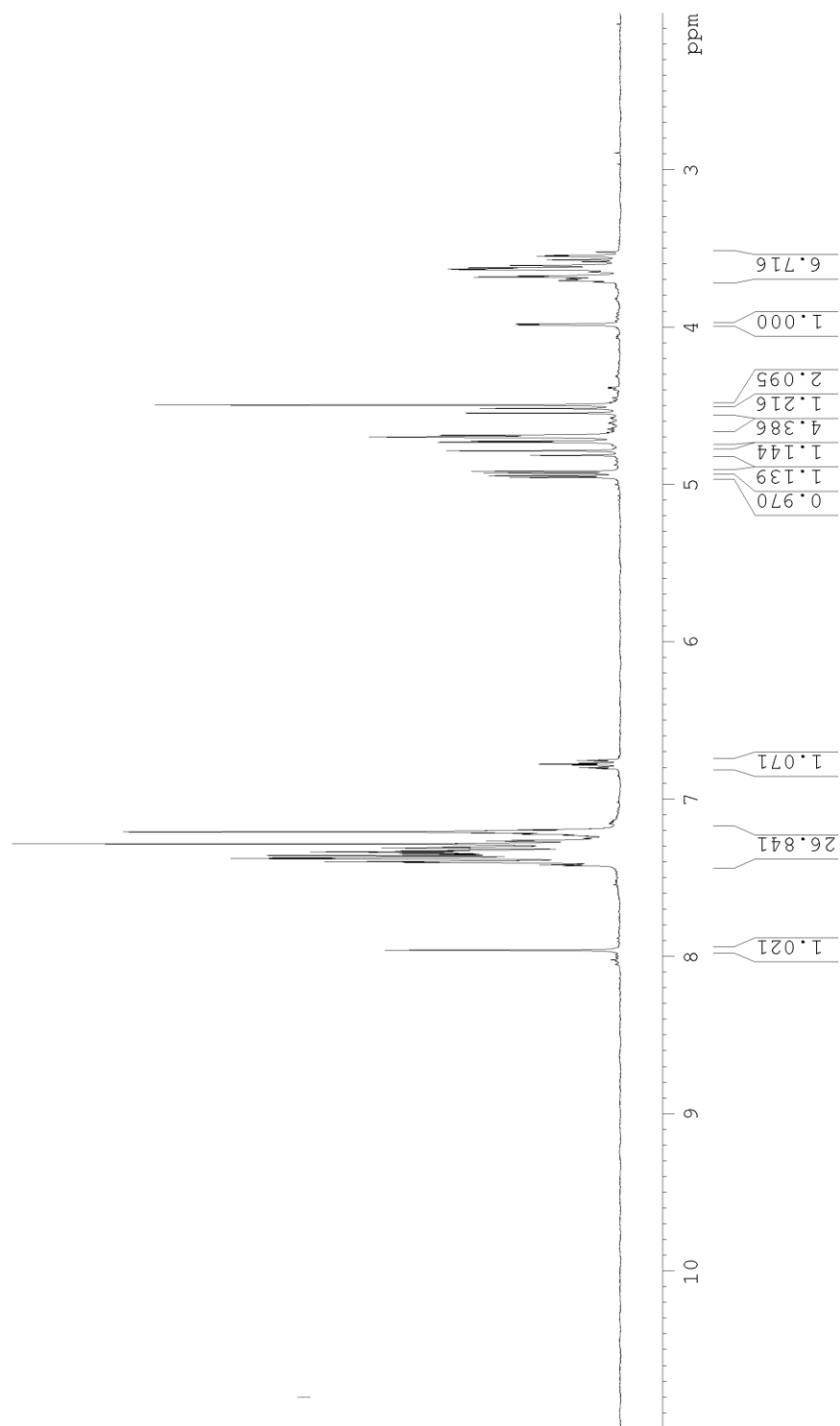
ppm

^{13}C :

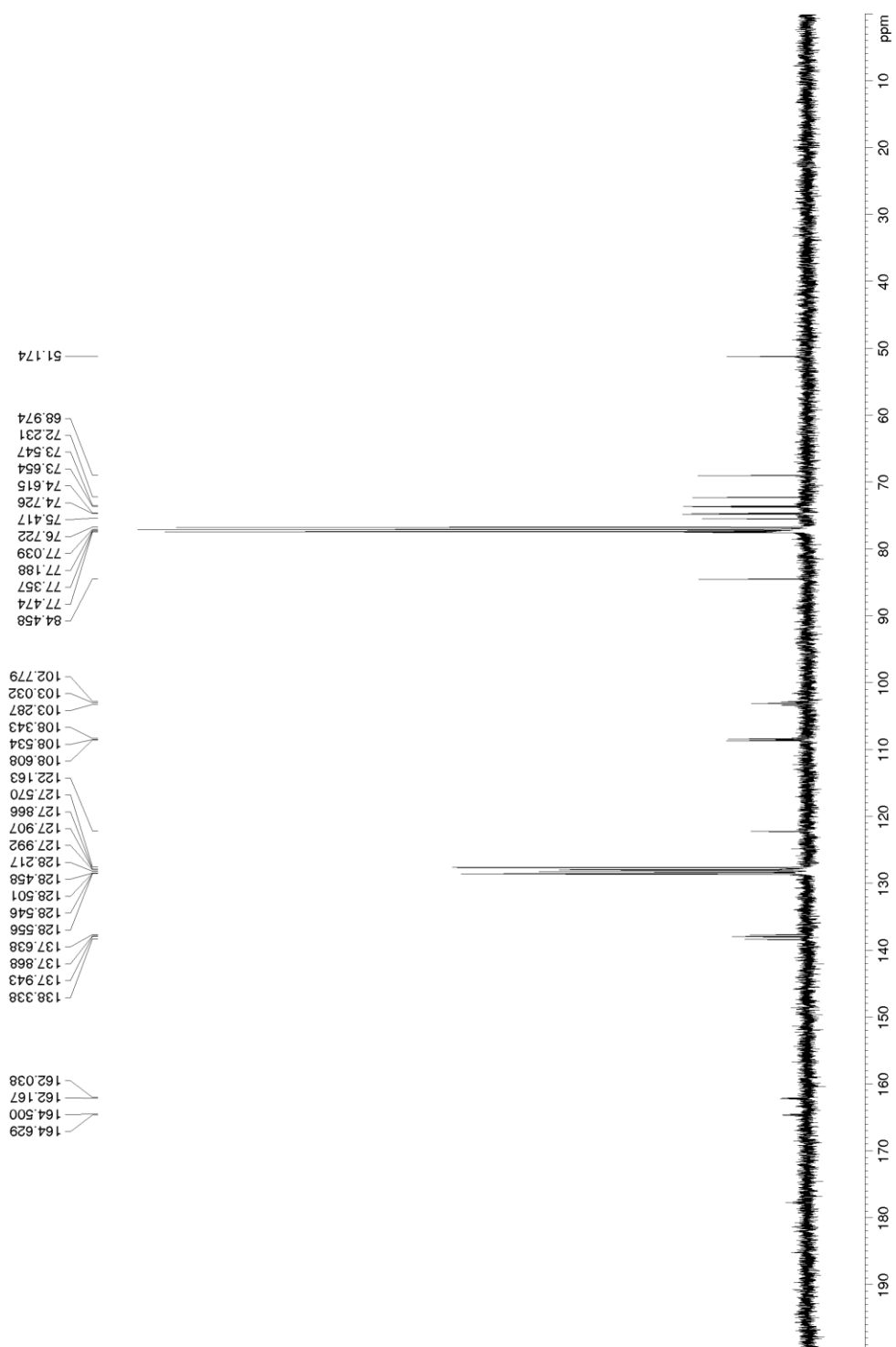


Compound **10f**:

^1H :

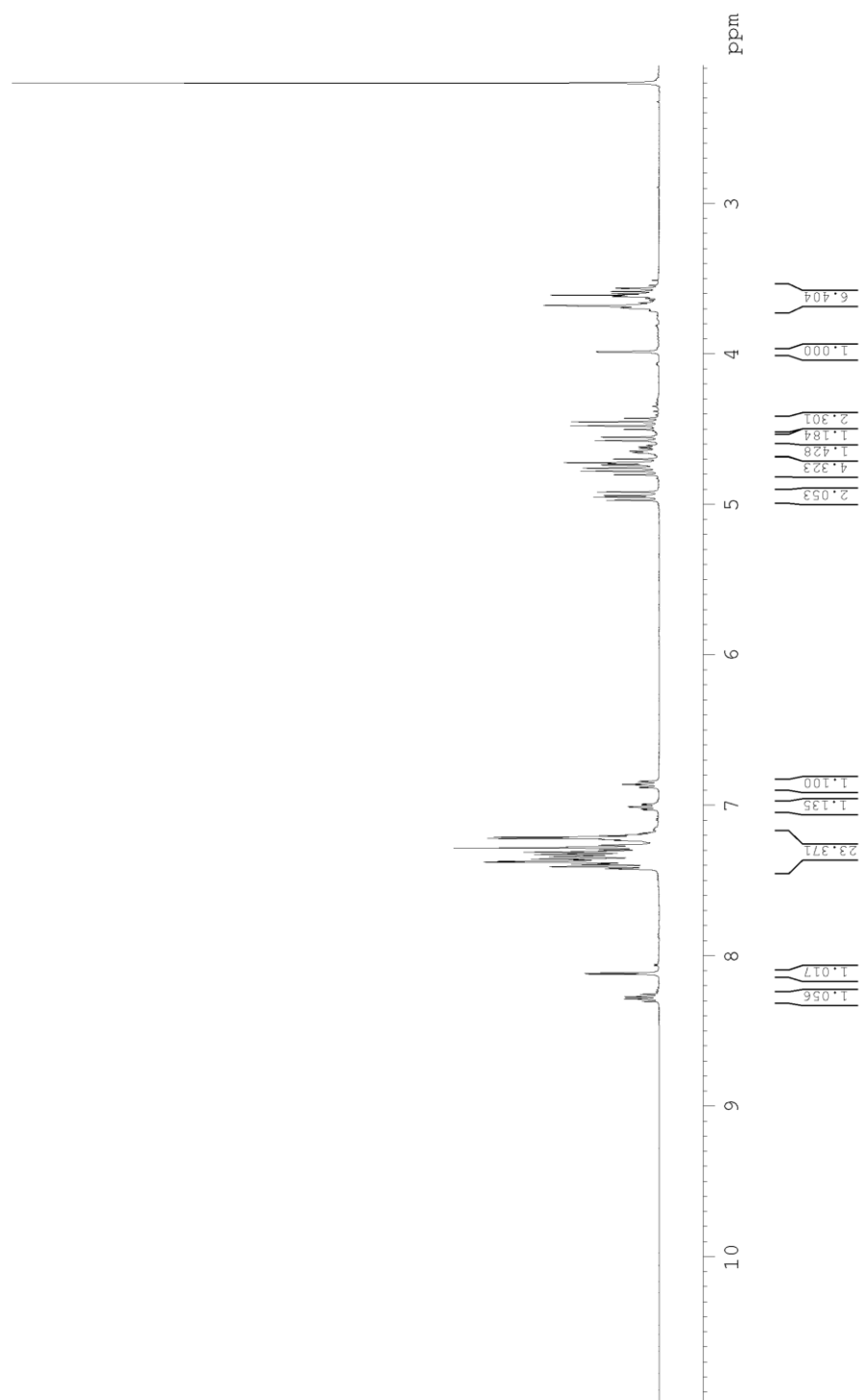


^{13}C :

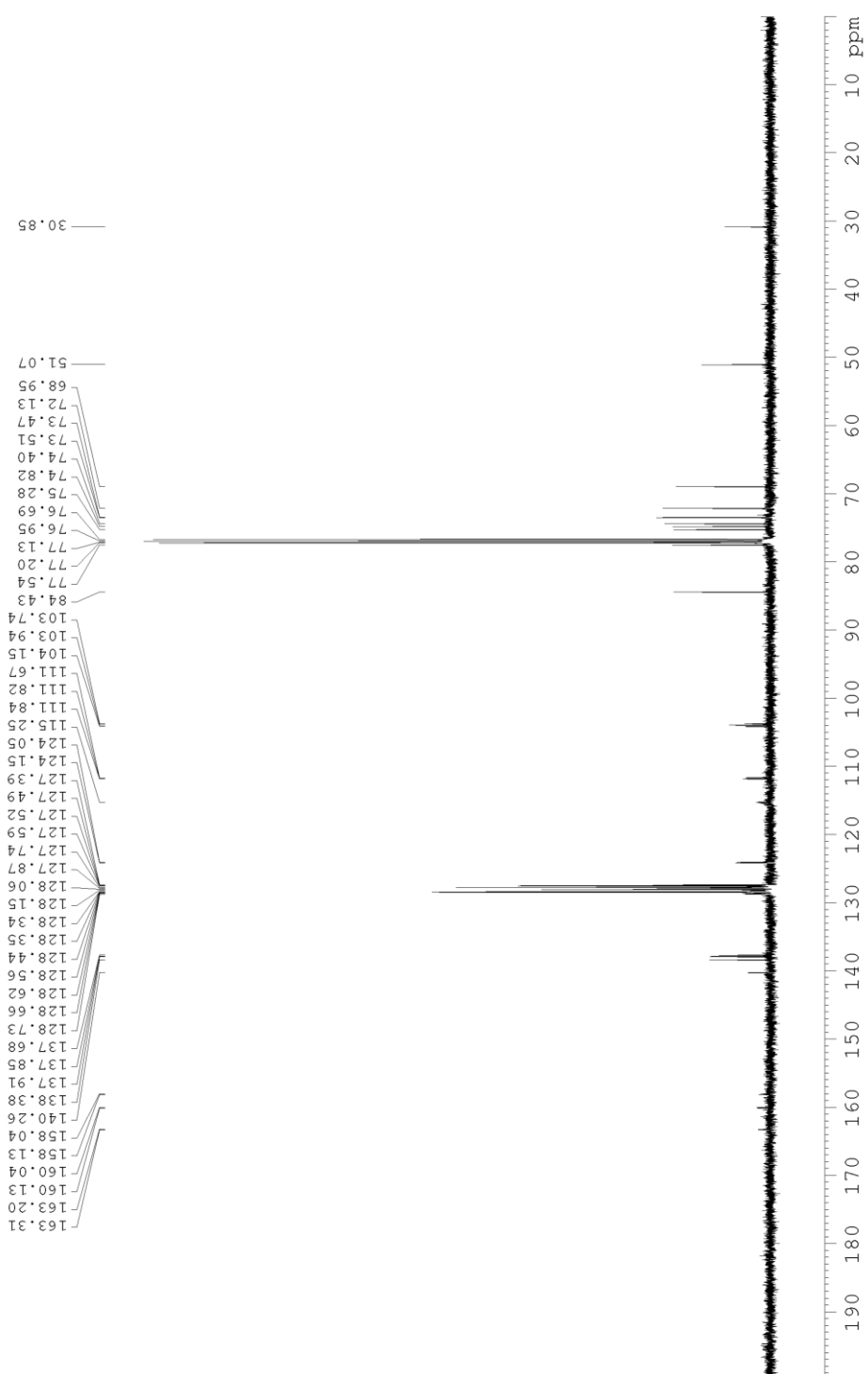


Compound **10g**:

^1H :

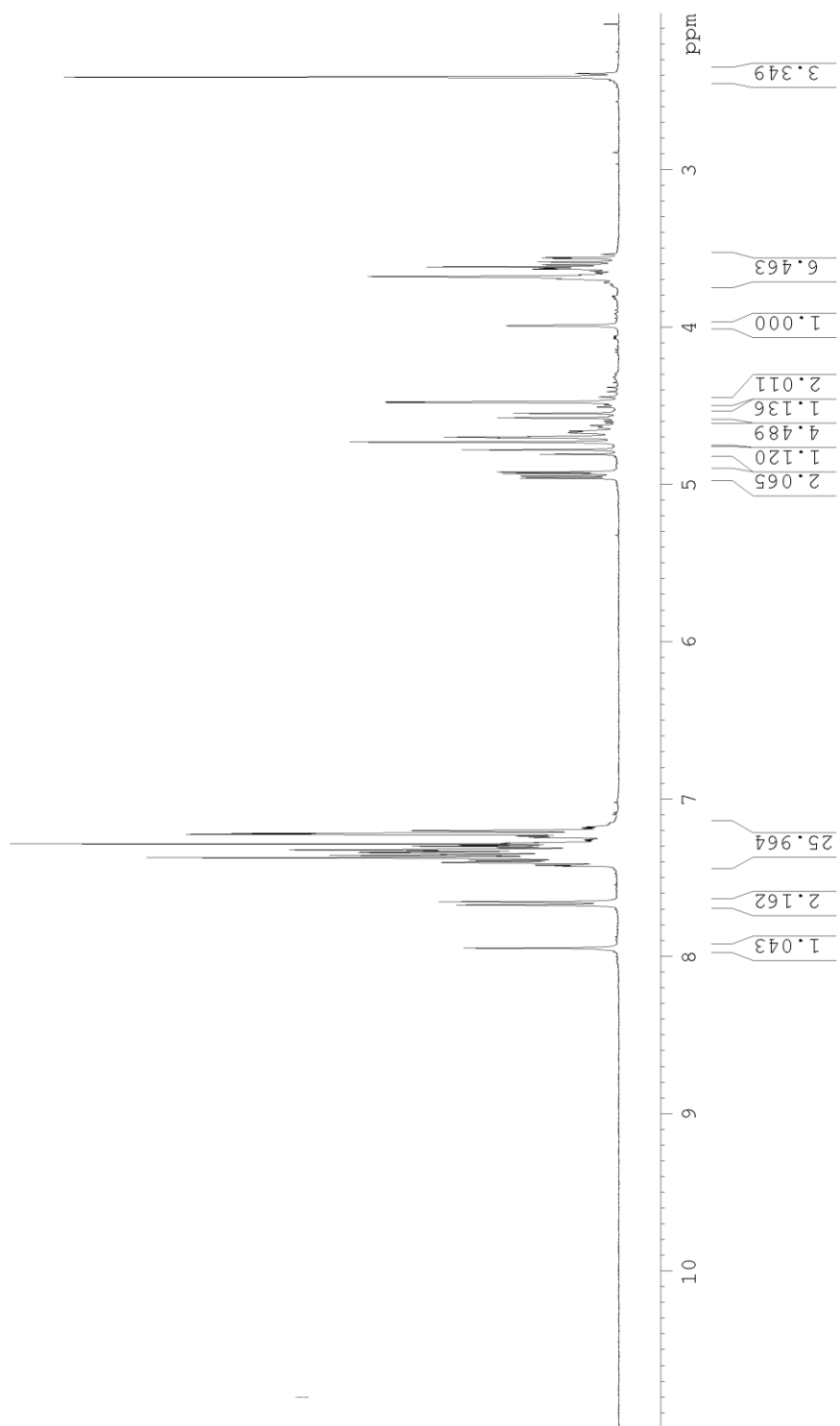


^{13}C :



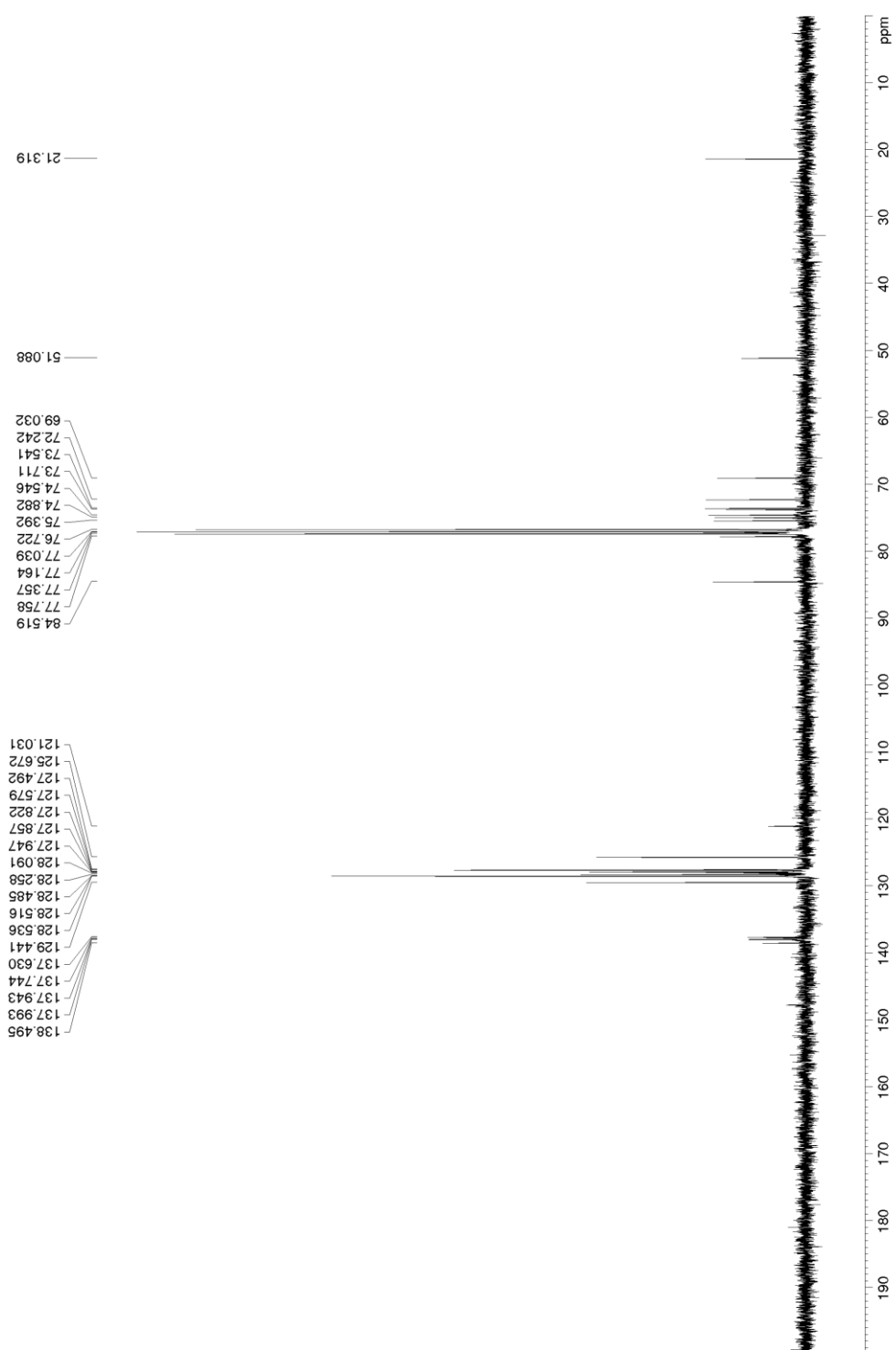
Compound **10h**:

^1H :



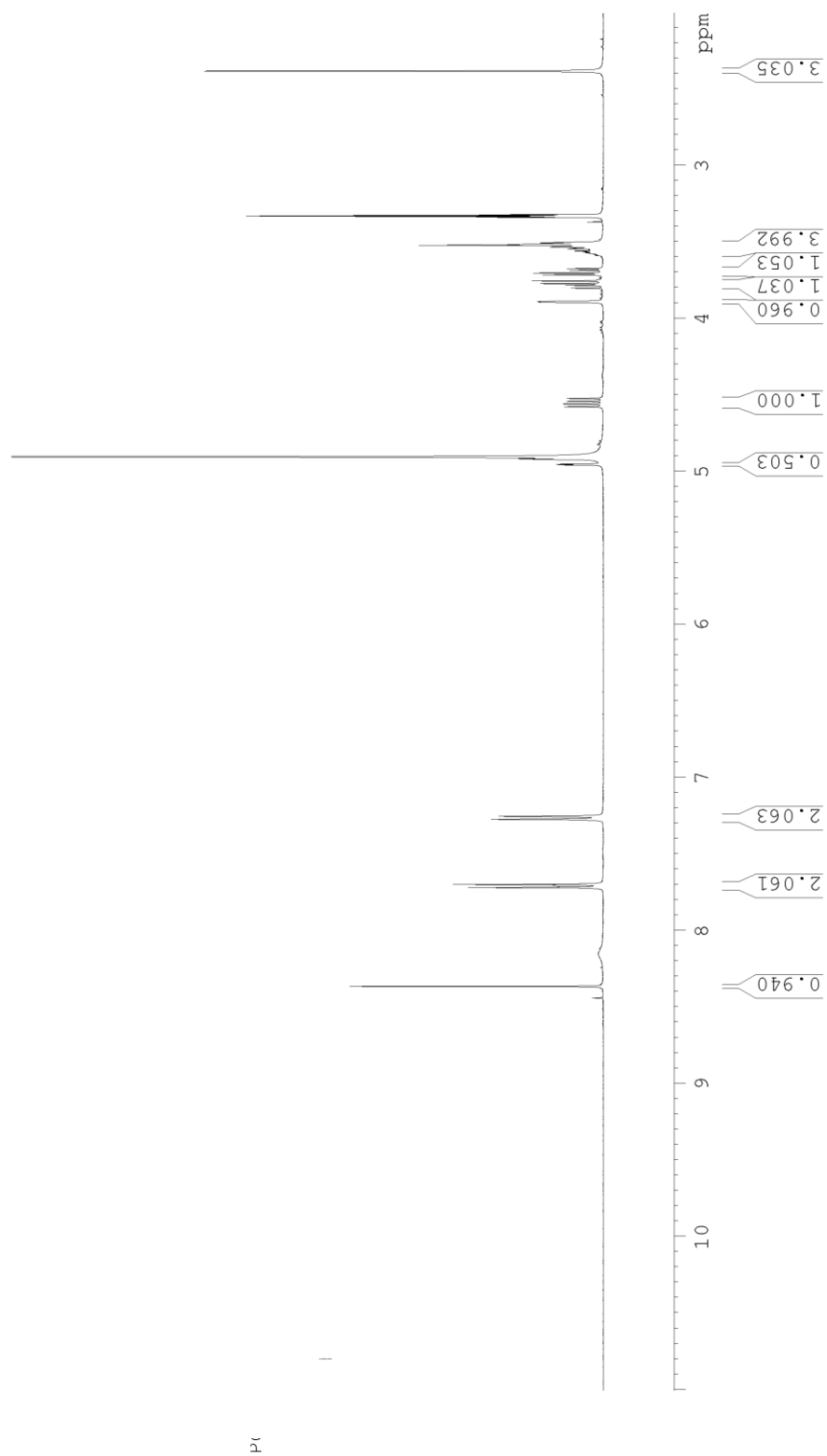
ppm

^{13}C :

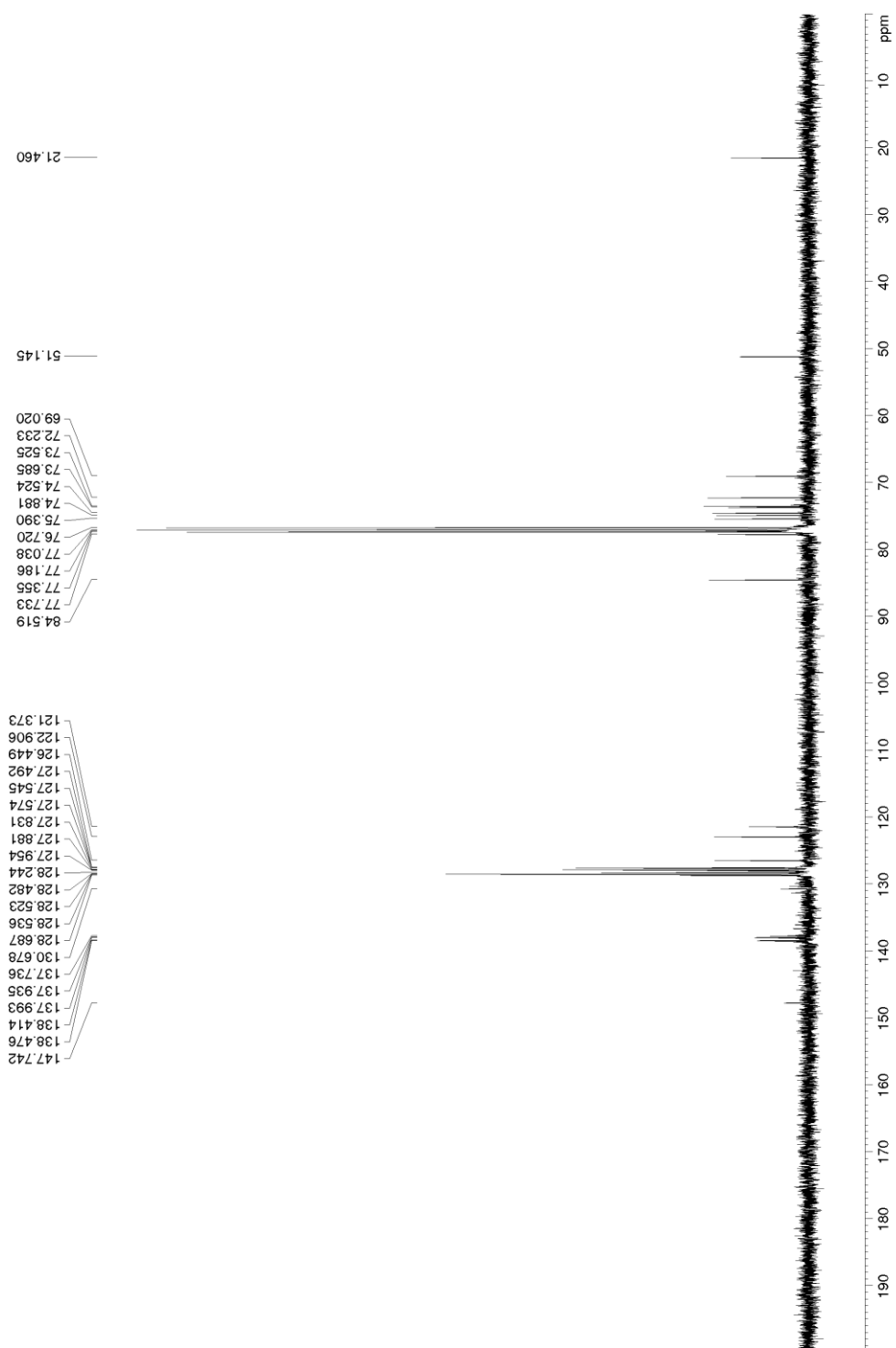


Compound **10i**:

^1H :



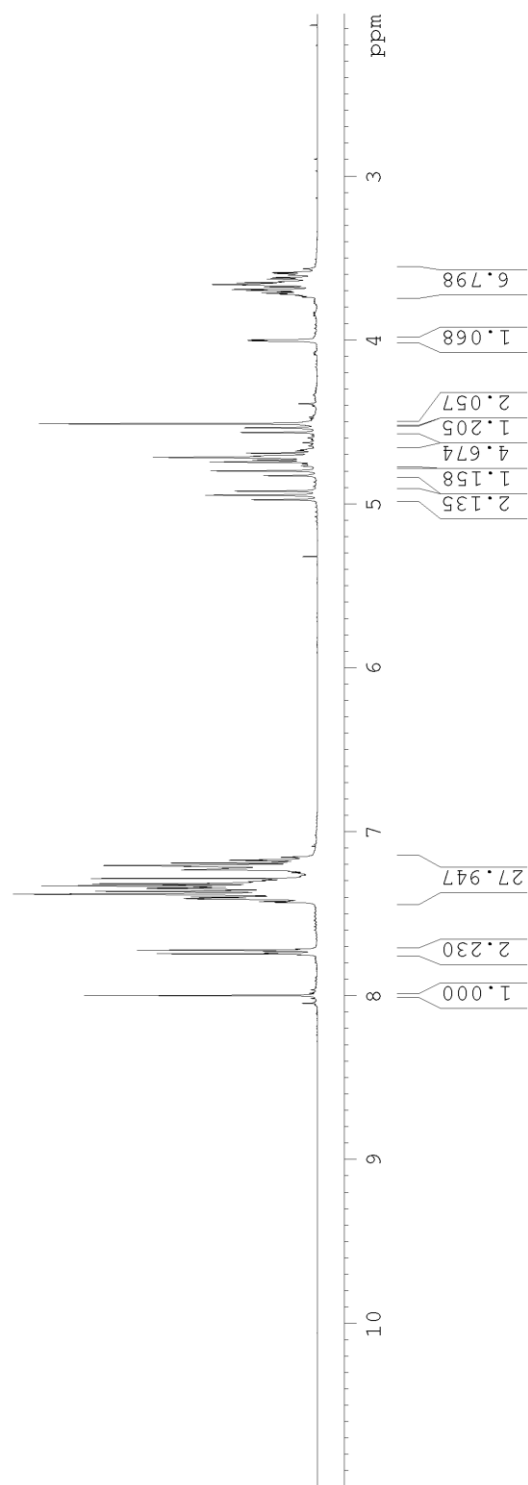
^{13}C :



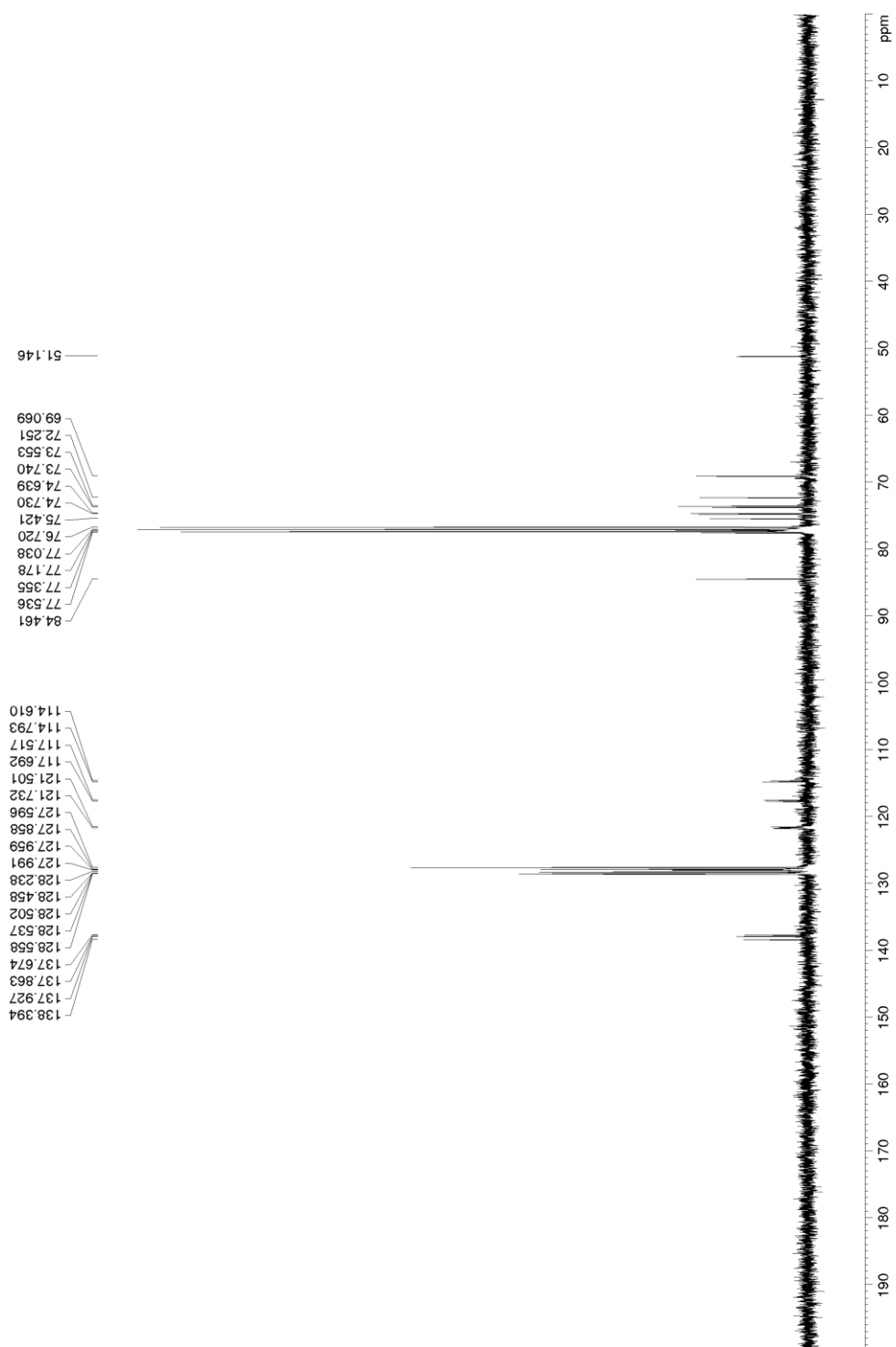
Compound **10j**:

^1H :

ppm

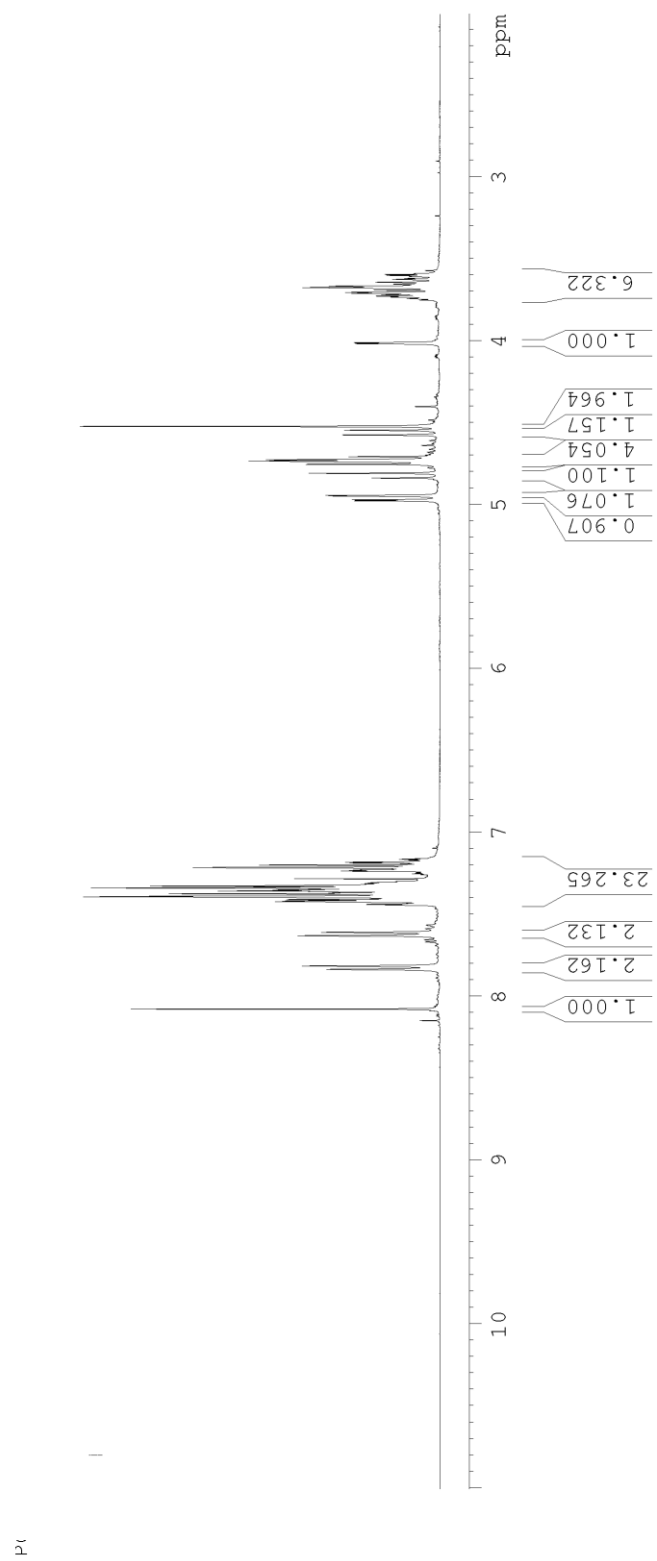


^{13}C :

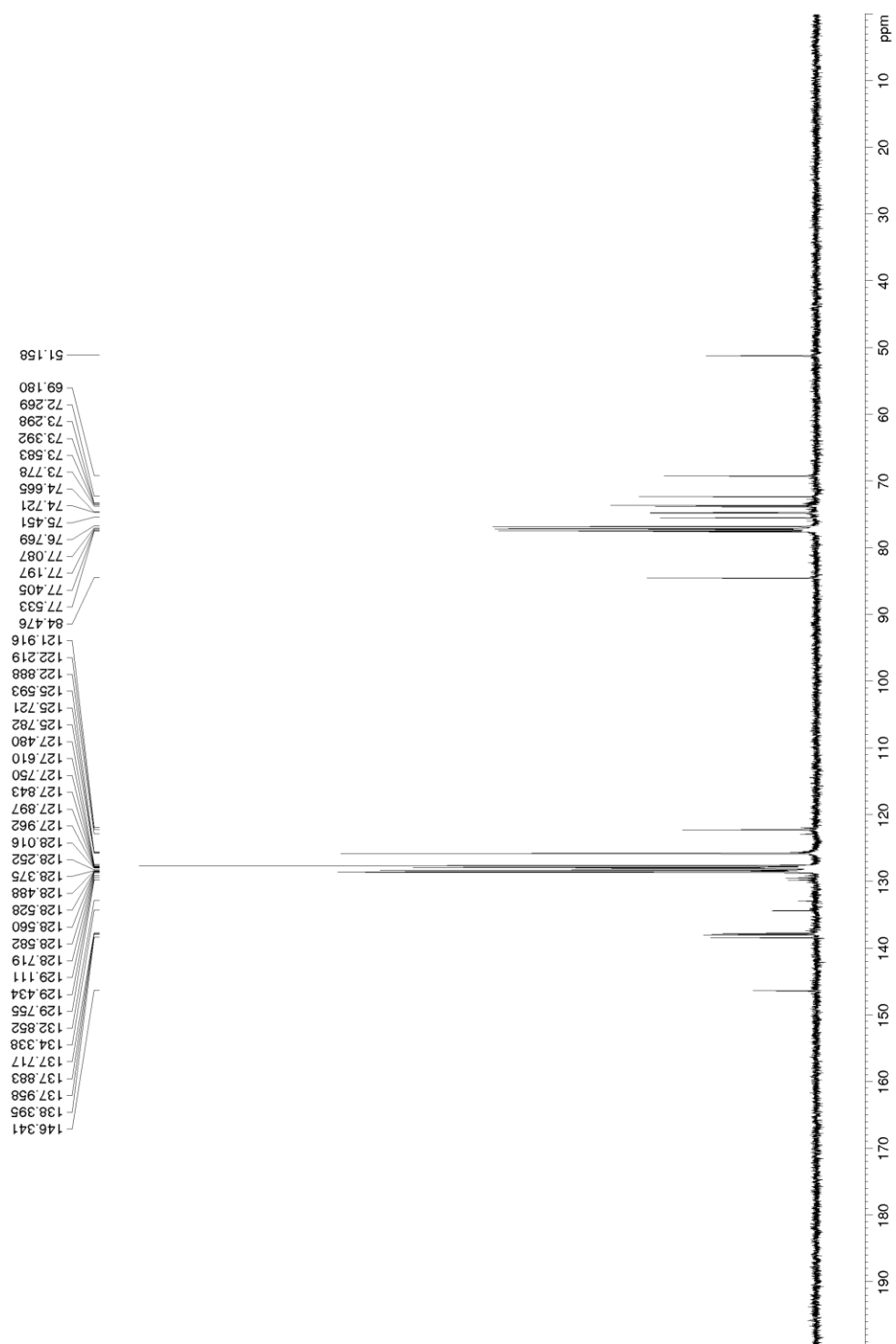


Compound **10k**:

^1H :

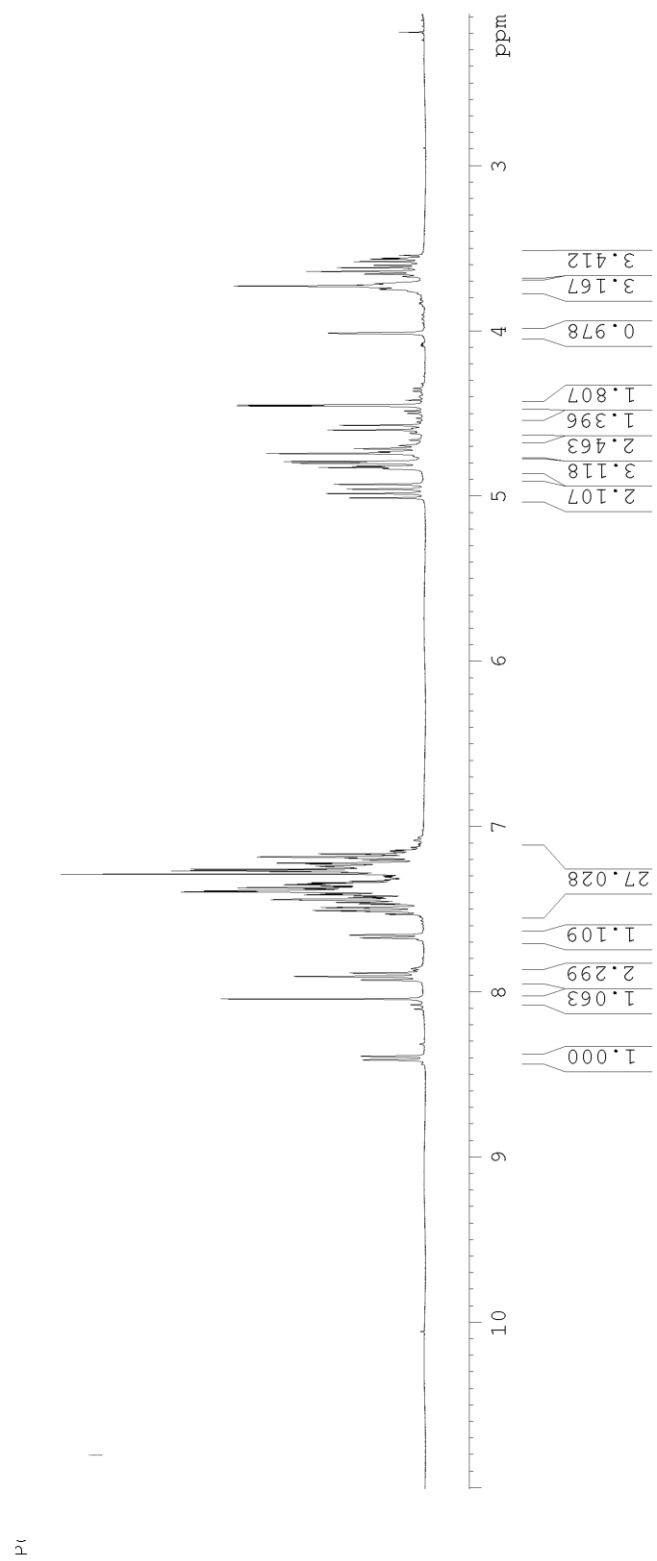


^{13}C :

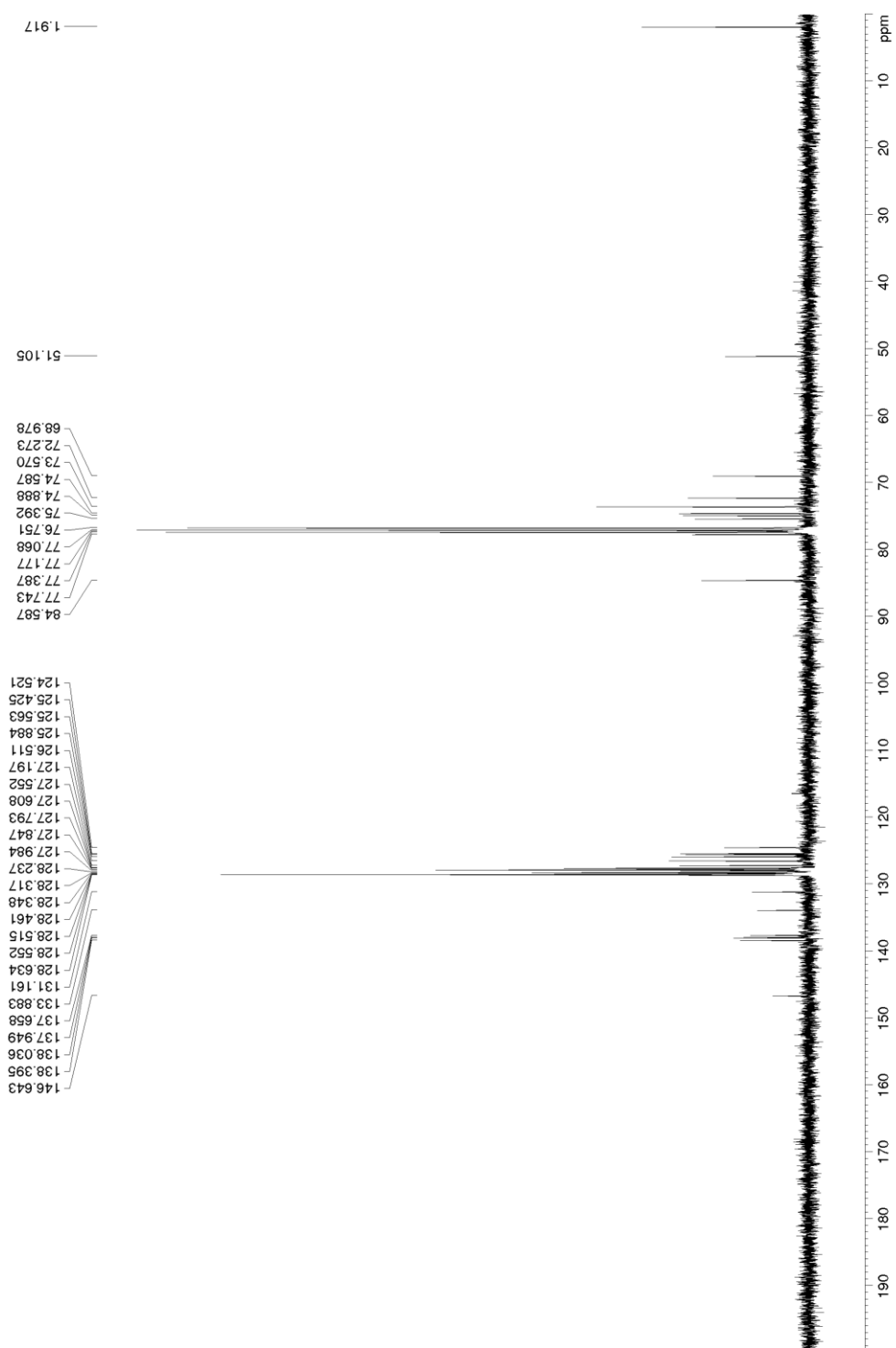


Compound **10l**:

^1H :

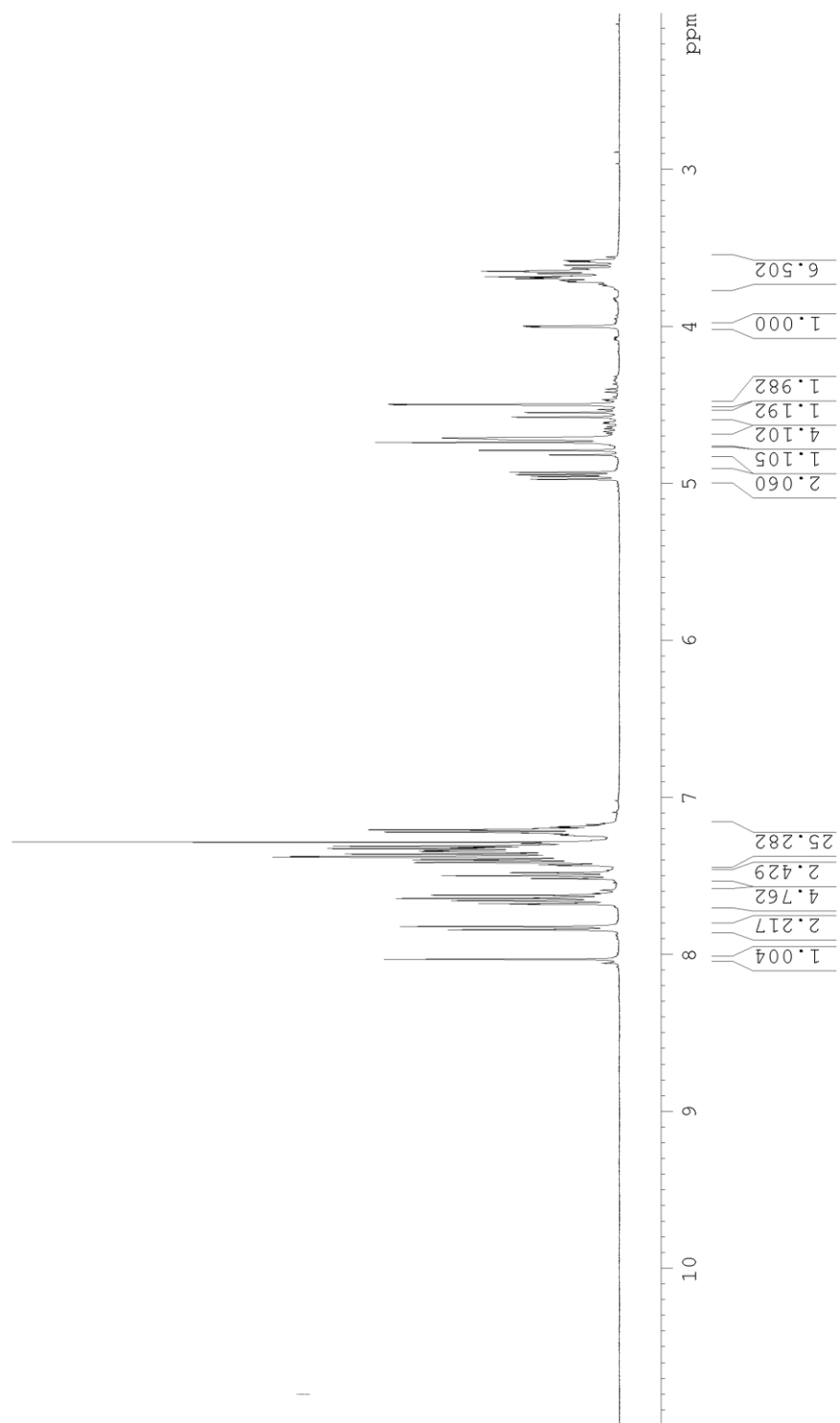


^{13}C :

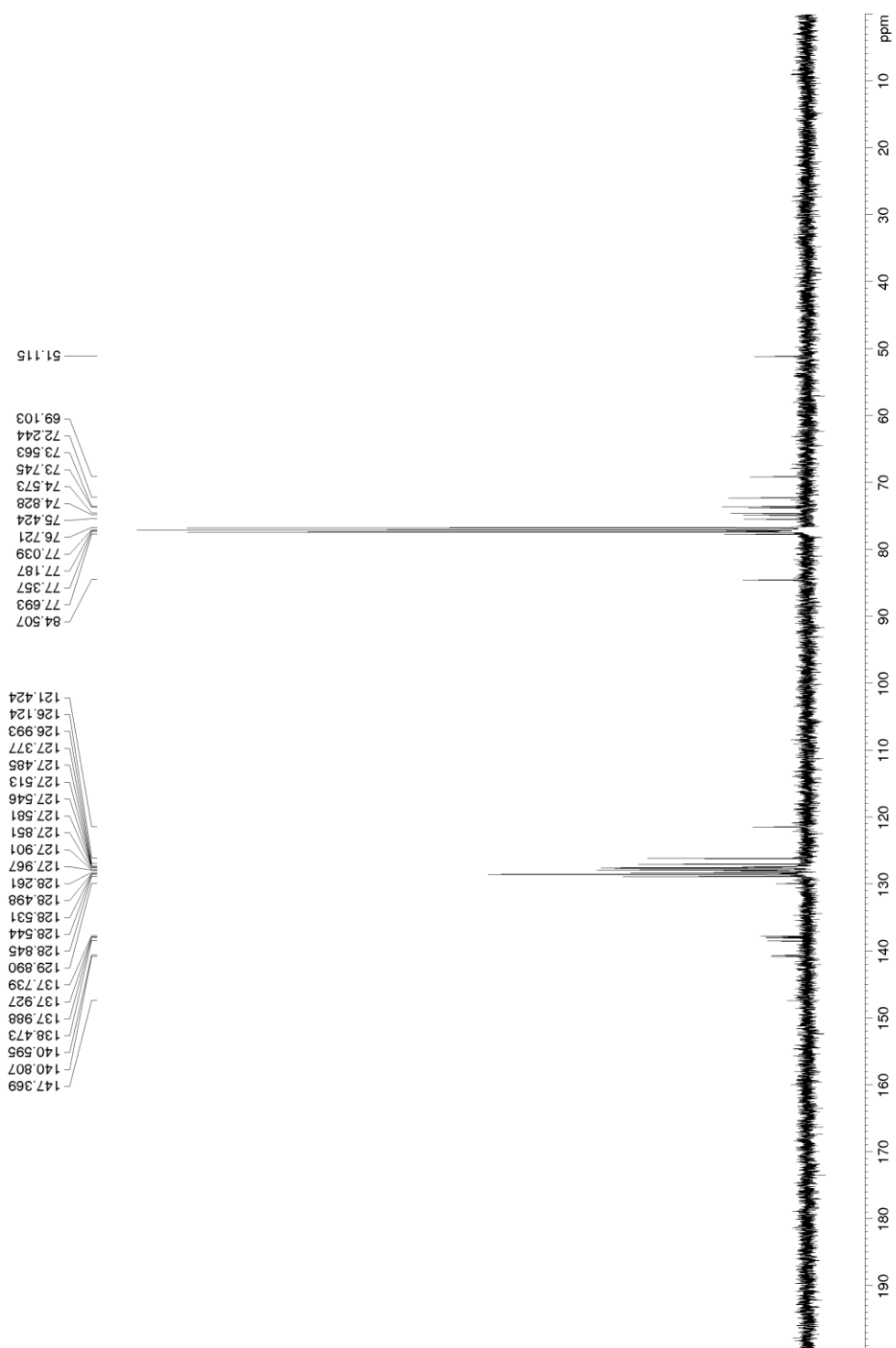


Compound **10m**:

^1H :

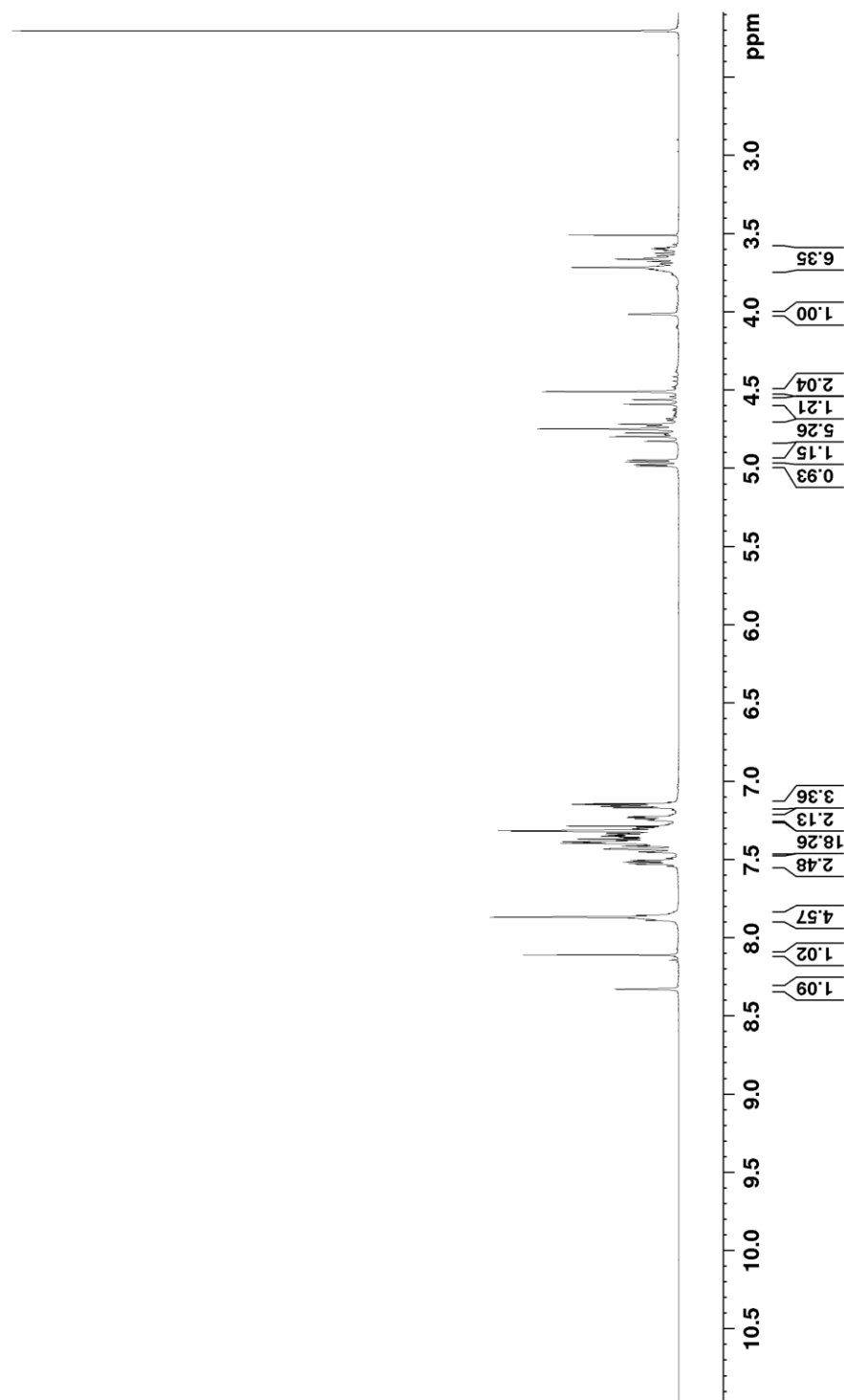


^{13}C :



Compound **10n**:

^1H :



^{13}C :

