

Supporting Information for

A perfluorocyclopentene based diarylethene bearing two terpyridine moieties – synthesis, photochemical properties and influence of transition metal ions

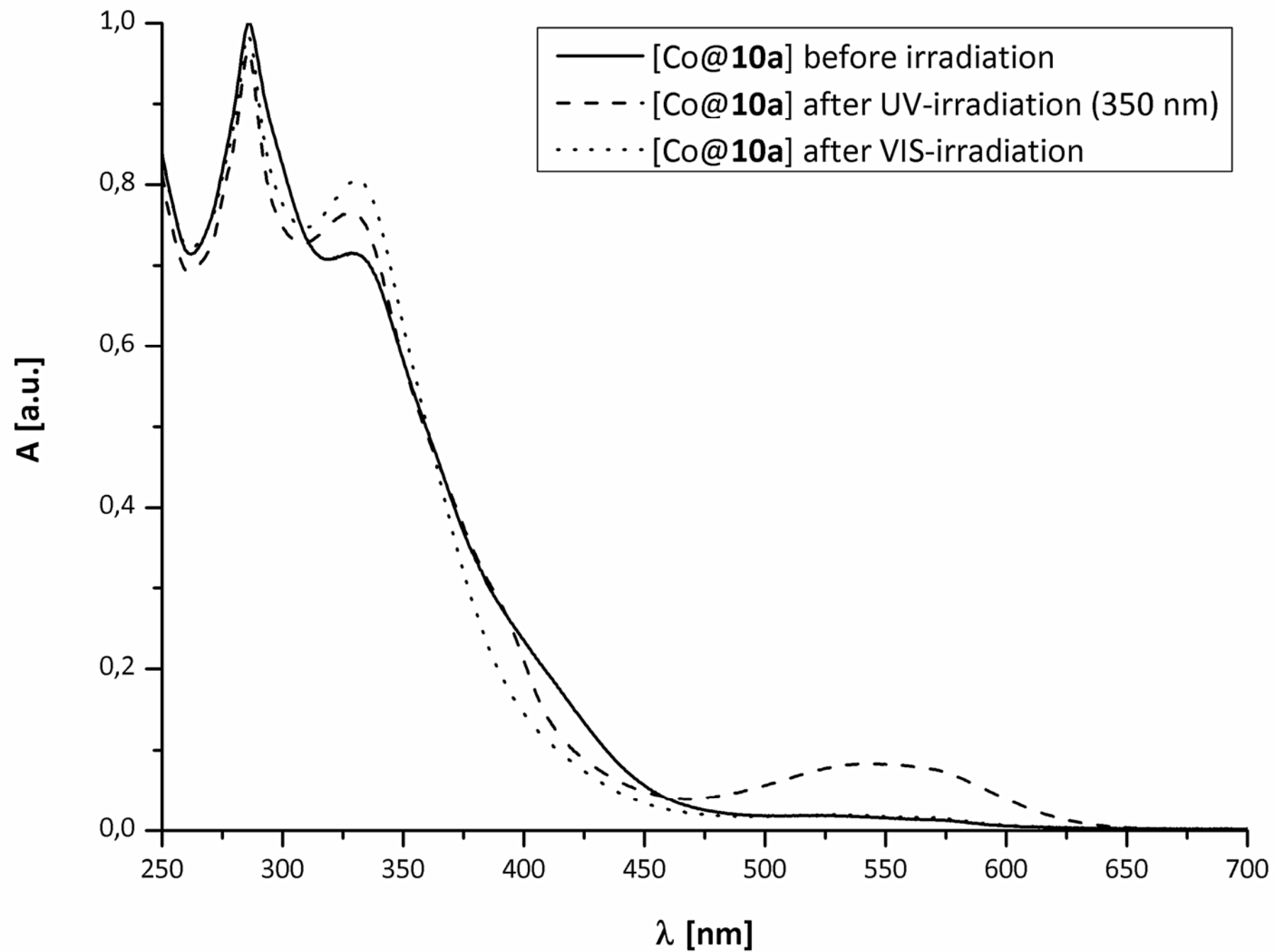
Falk Wehmeier² and Jochen Mattay^{*1}

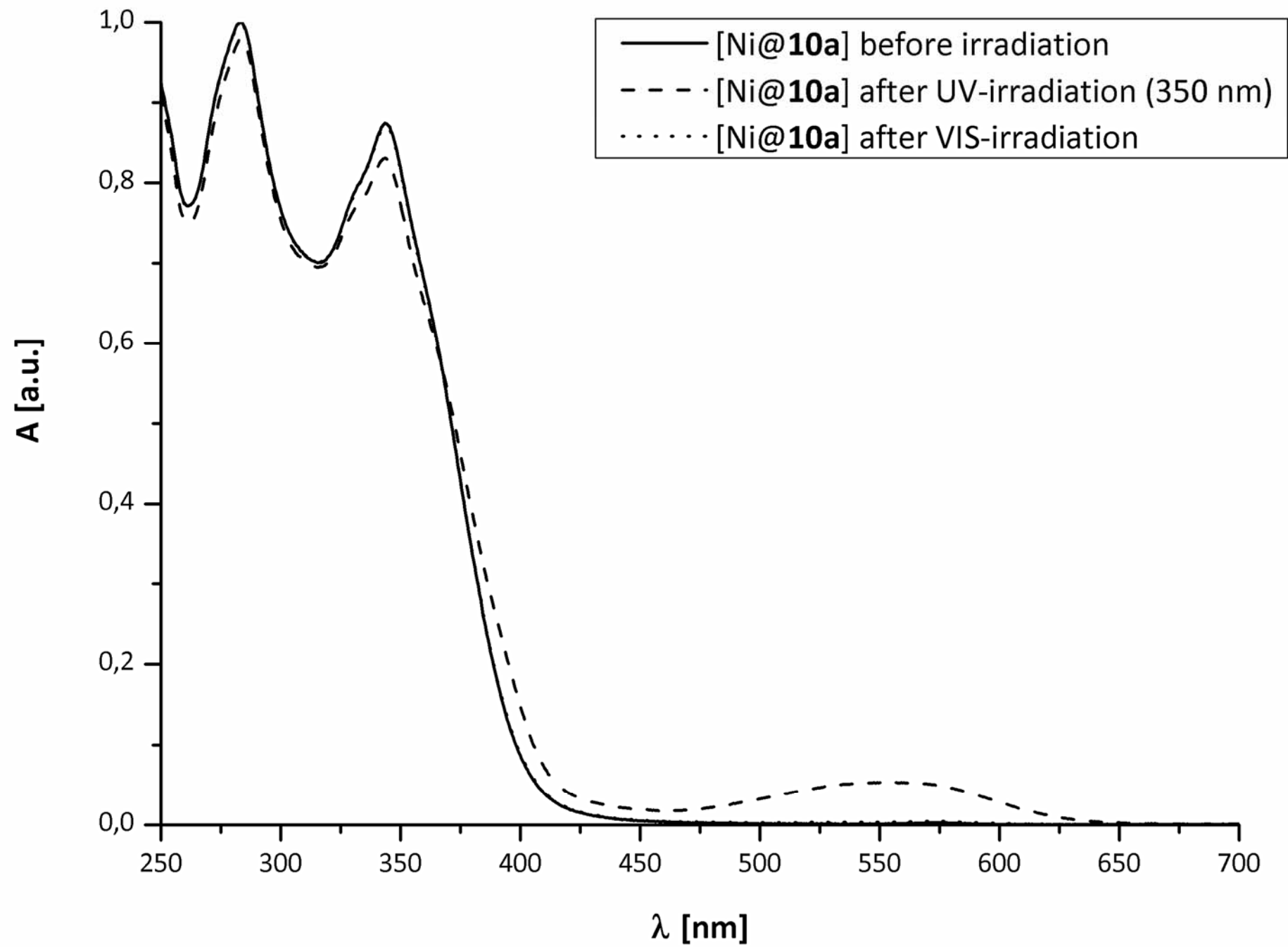
Address: ¹Department of Chemistry, Organic Chemistry 1,
Bielefeld University, P. O. box 10 01 31, D-33501 Bielefeld,
Germany and ²Institut für Chemie, Humboldt-Universität zu
Berlin, Brook-Taylor-Str. 2, D-12489 Berlin, Germany

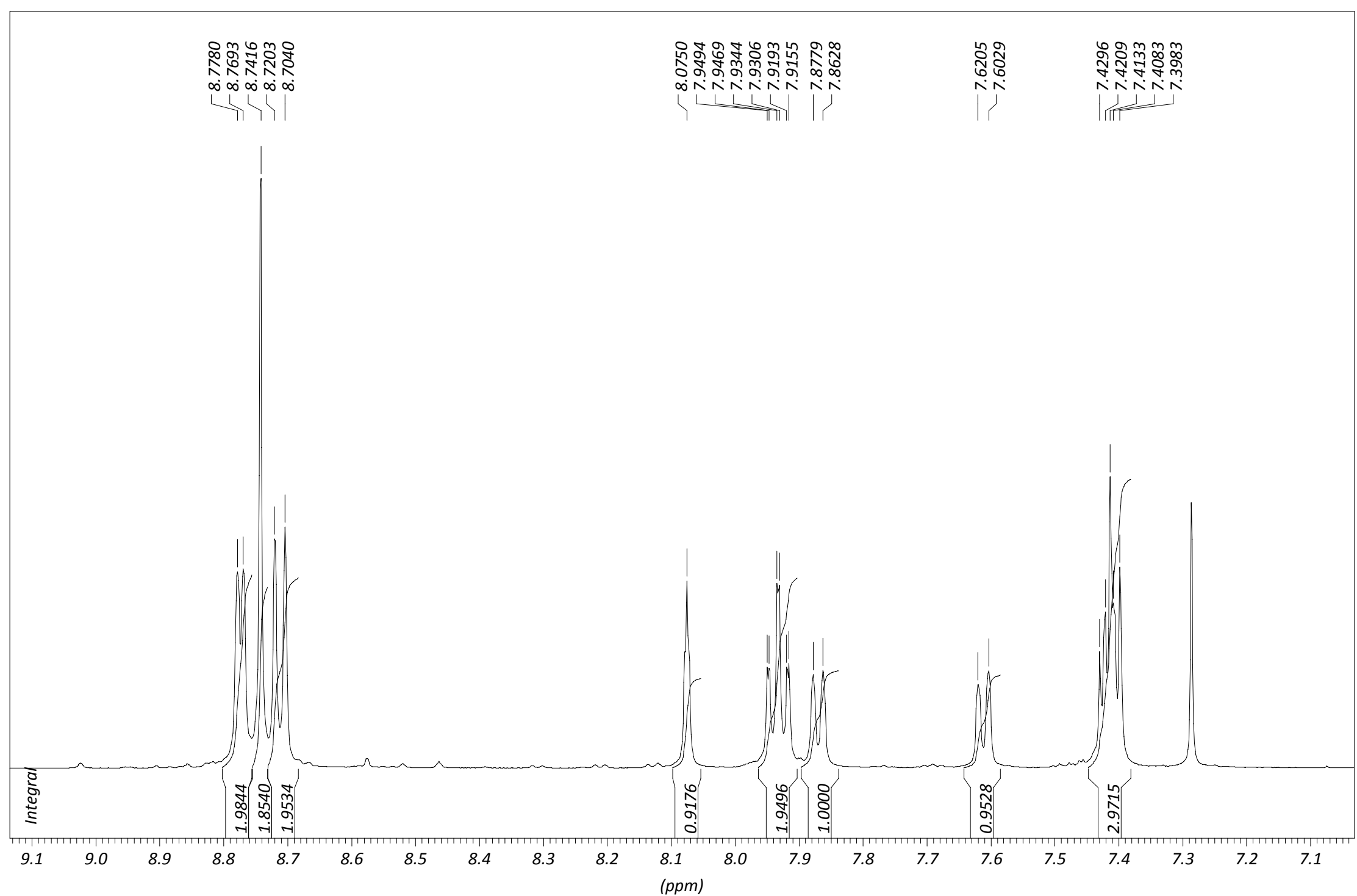
Email: Jochen Mattay - oc1jm@uni-bielefeld.de

* Corresponding author

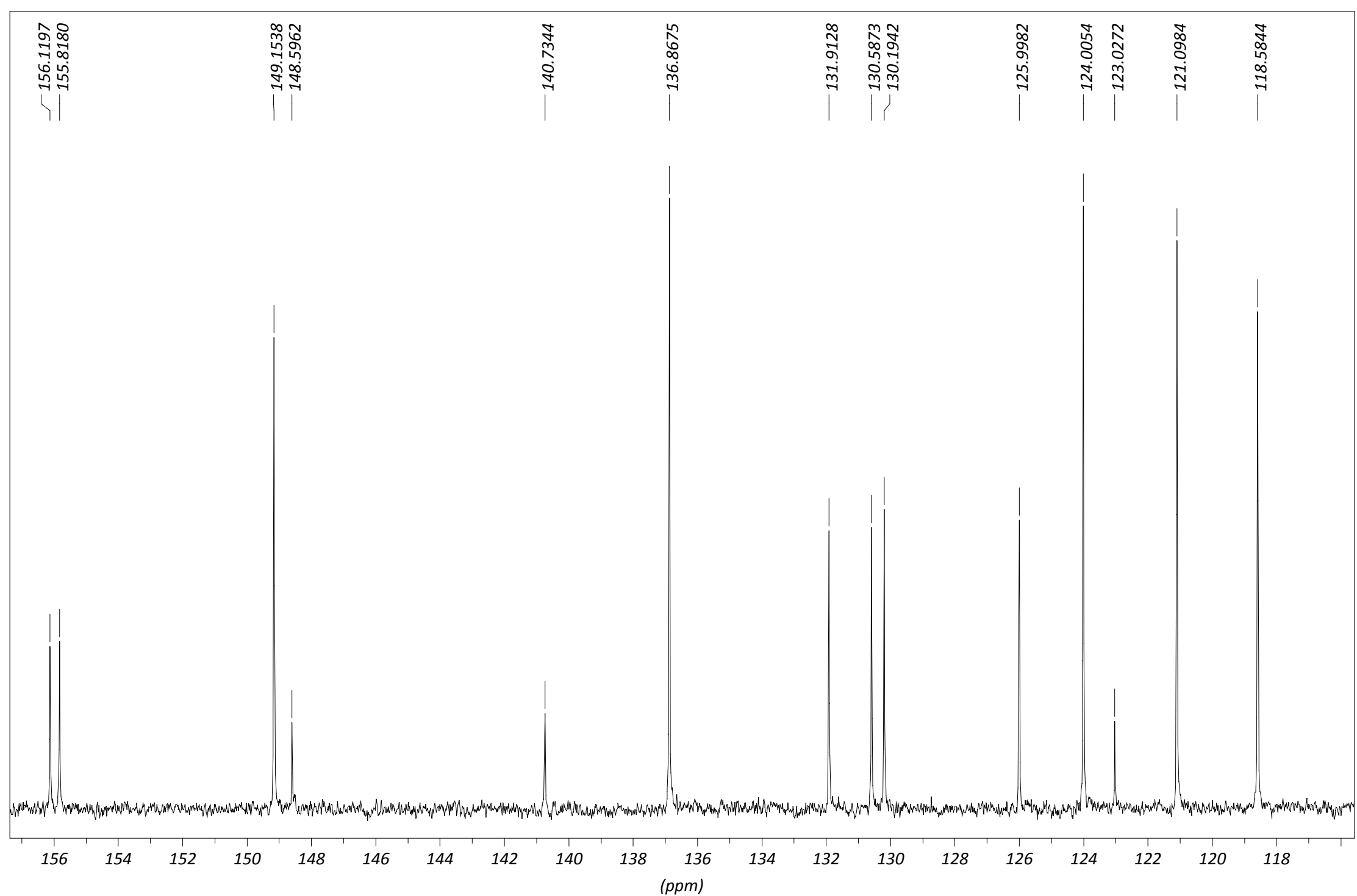
NMR-, UV- and MS-spectra



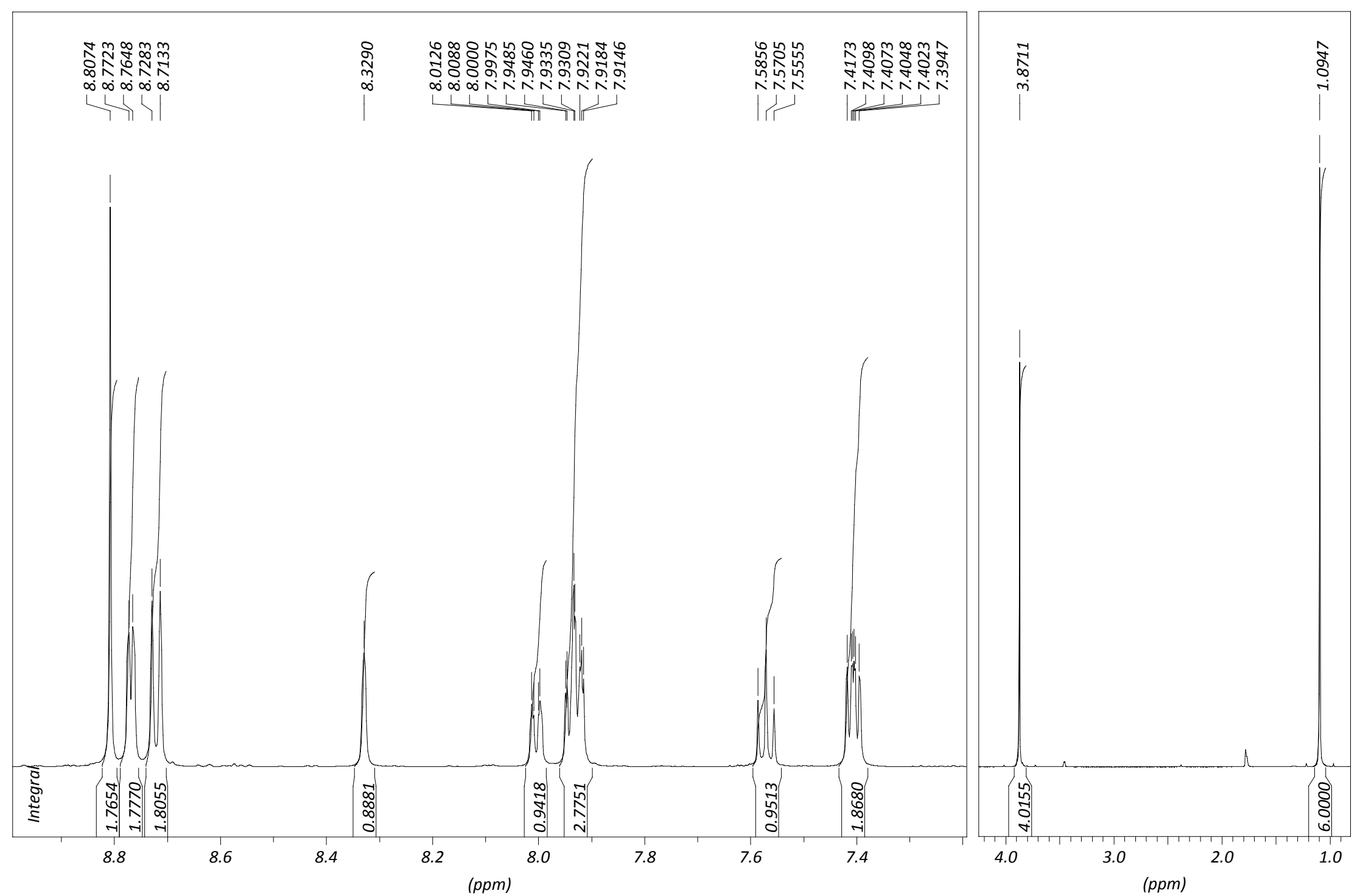




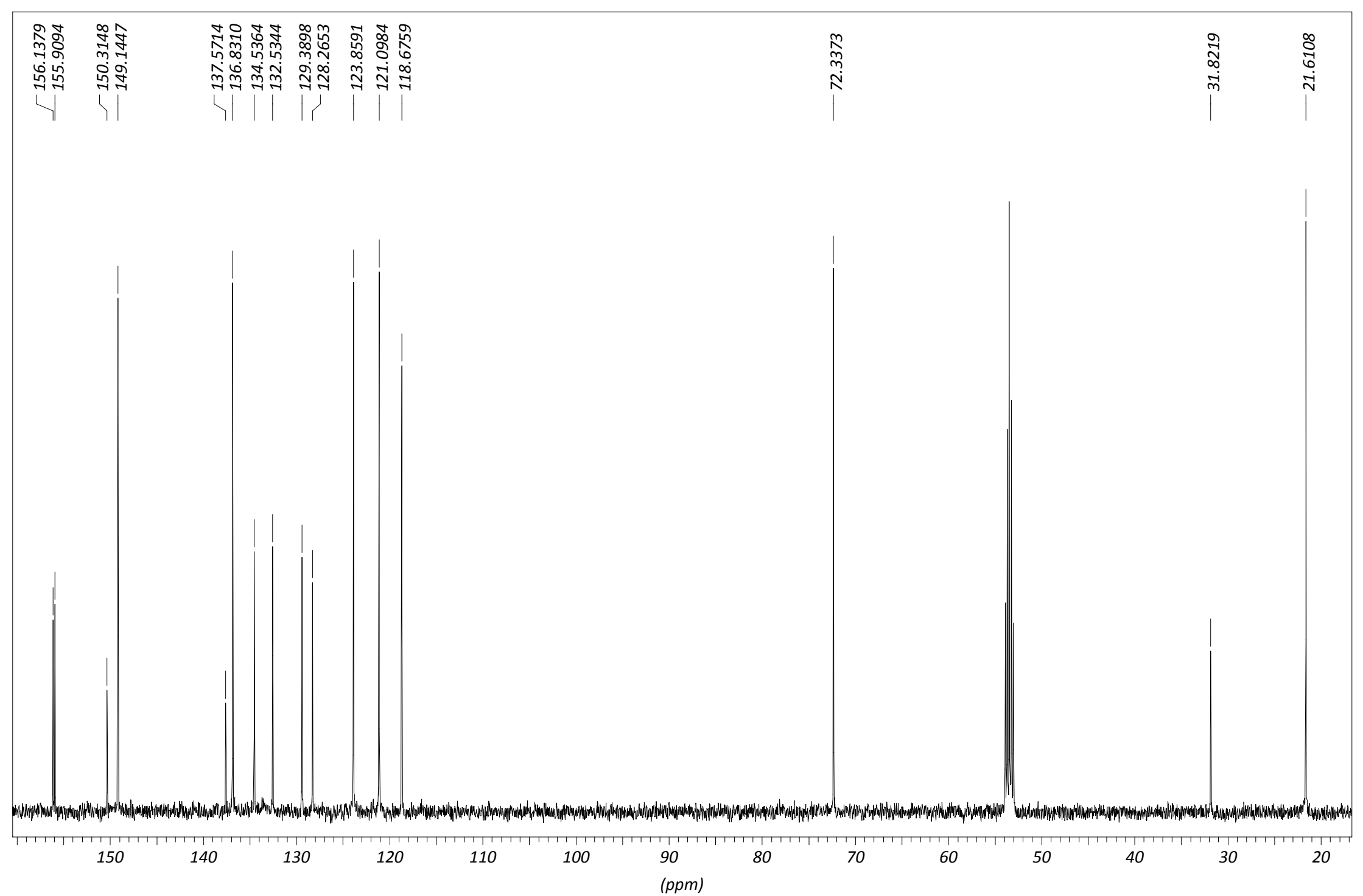
^1H -NMR-spectrum of 7b



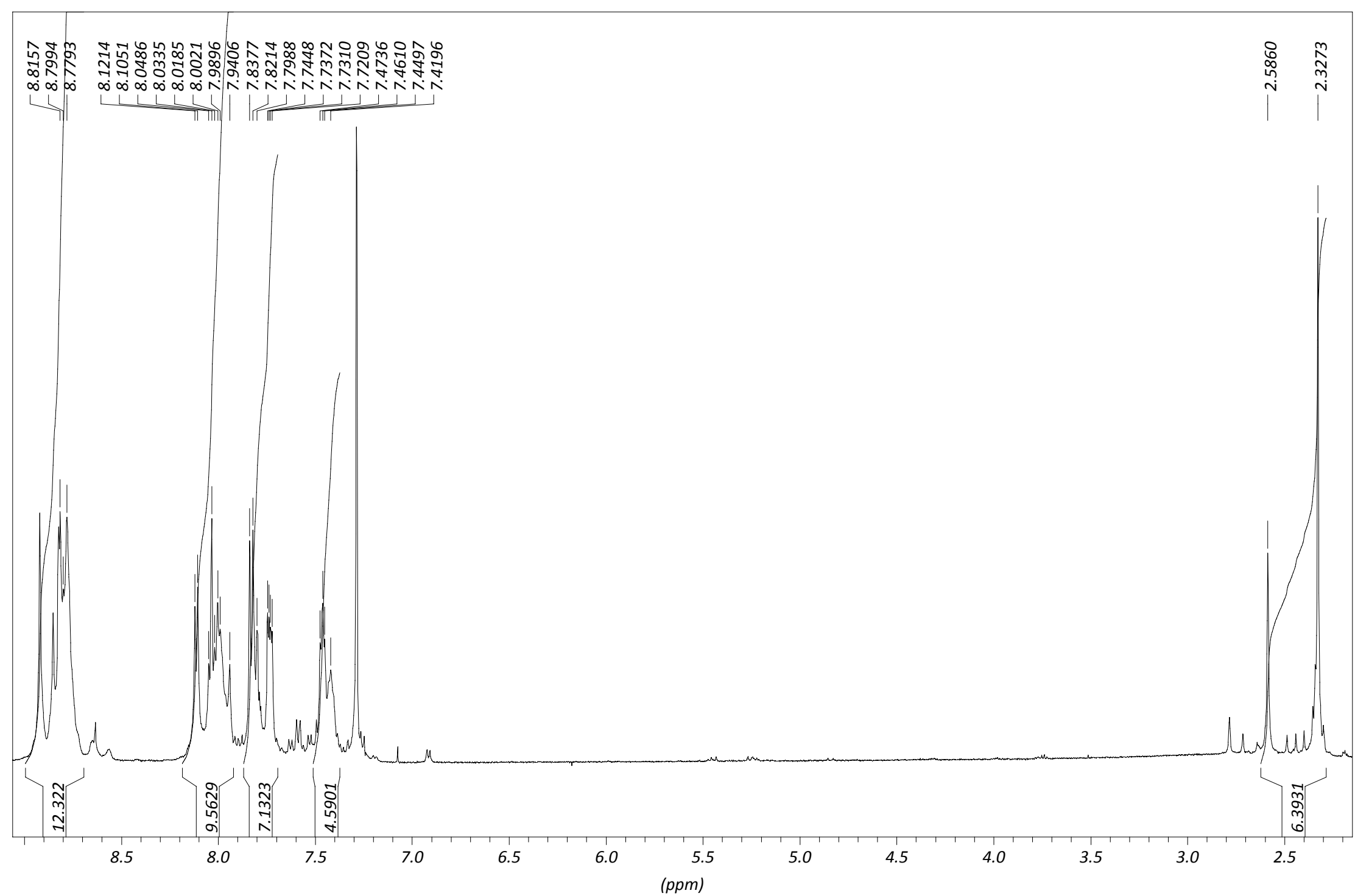
^{13}C -NMR-spectrum of 7b



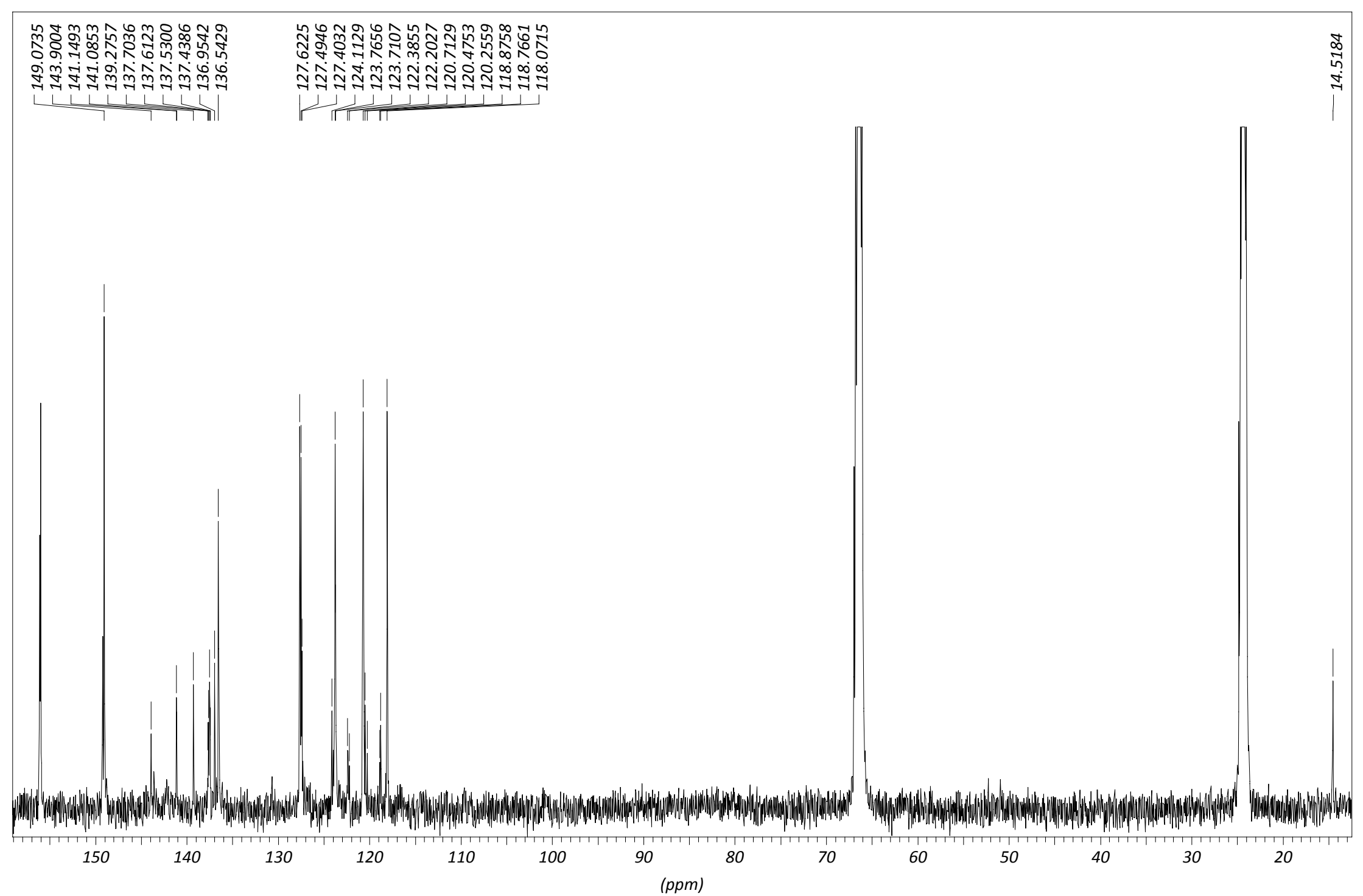
1H-NMR-spectrum of 9b



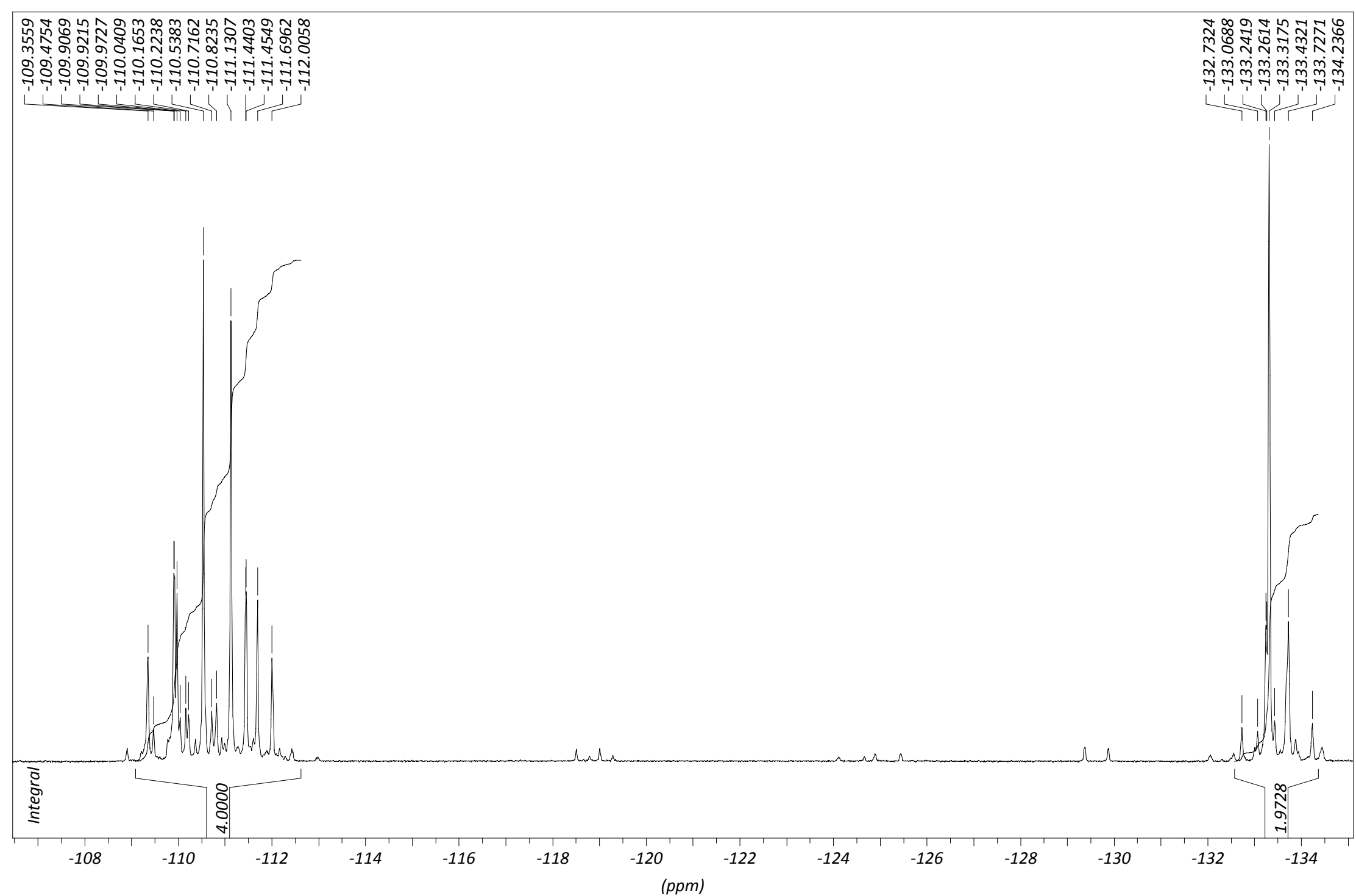
¹³C-NMR-spectrum of 9b



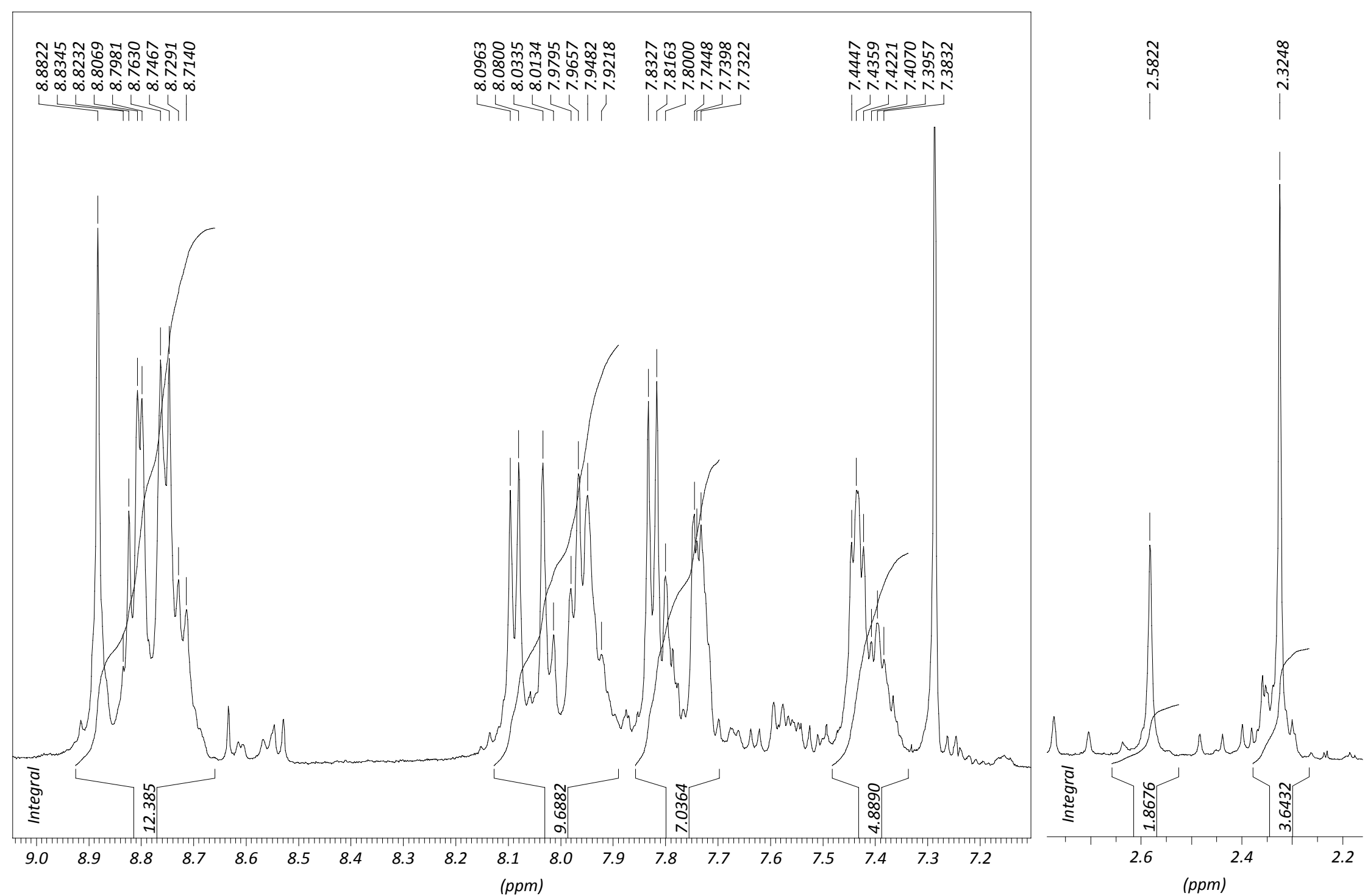
¹H-NMR-spectrum of 10a



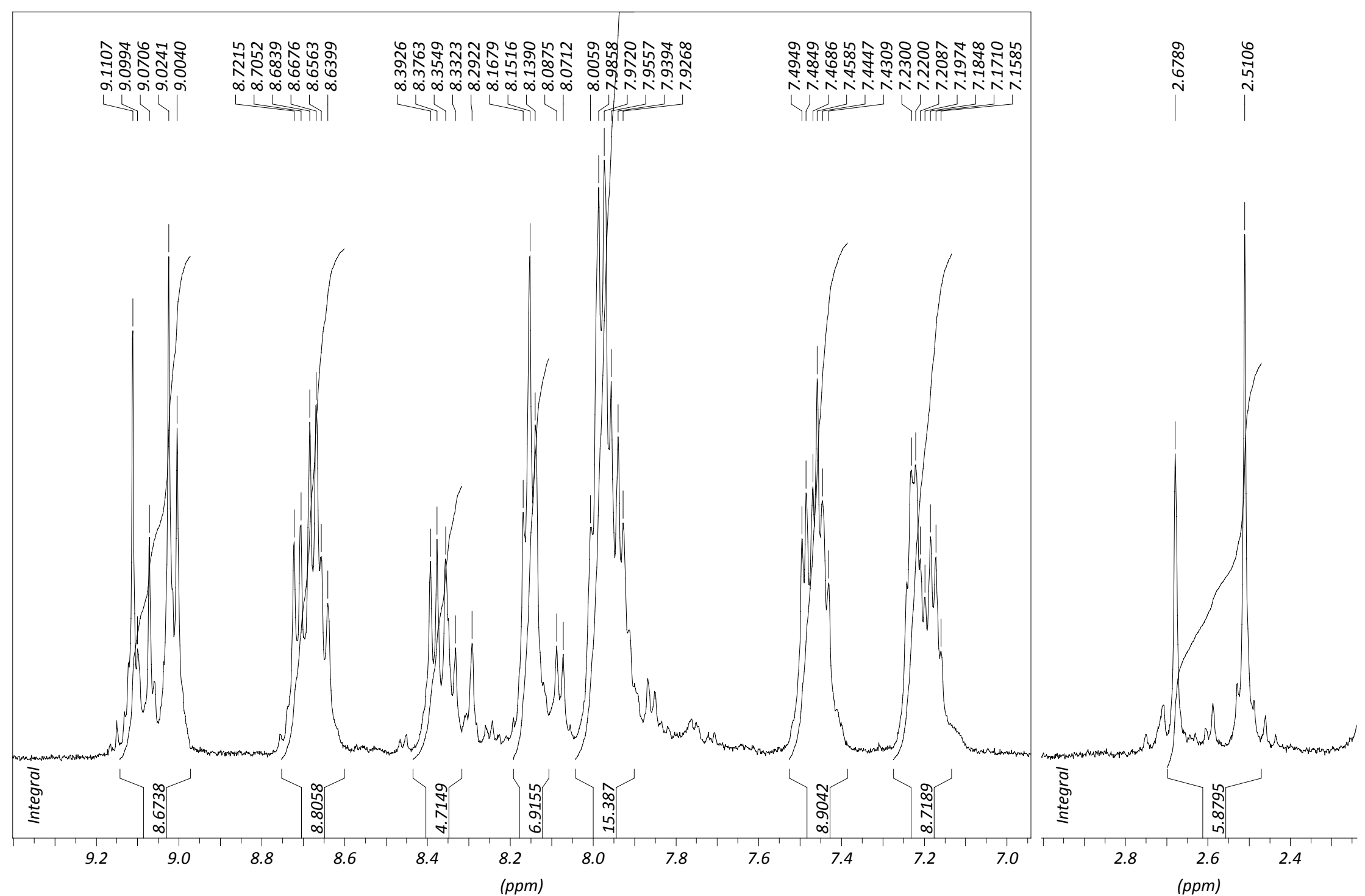
¹³C-NMR-spectrum of 10a



¹⁹F-NMR-spectrum of 10a



^1H -NMR-spectrum of 10b



¹H-NMR-spectrum of 12

