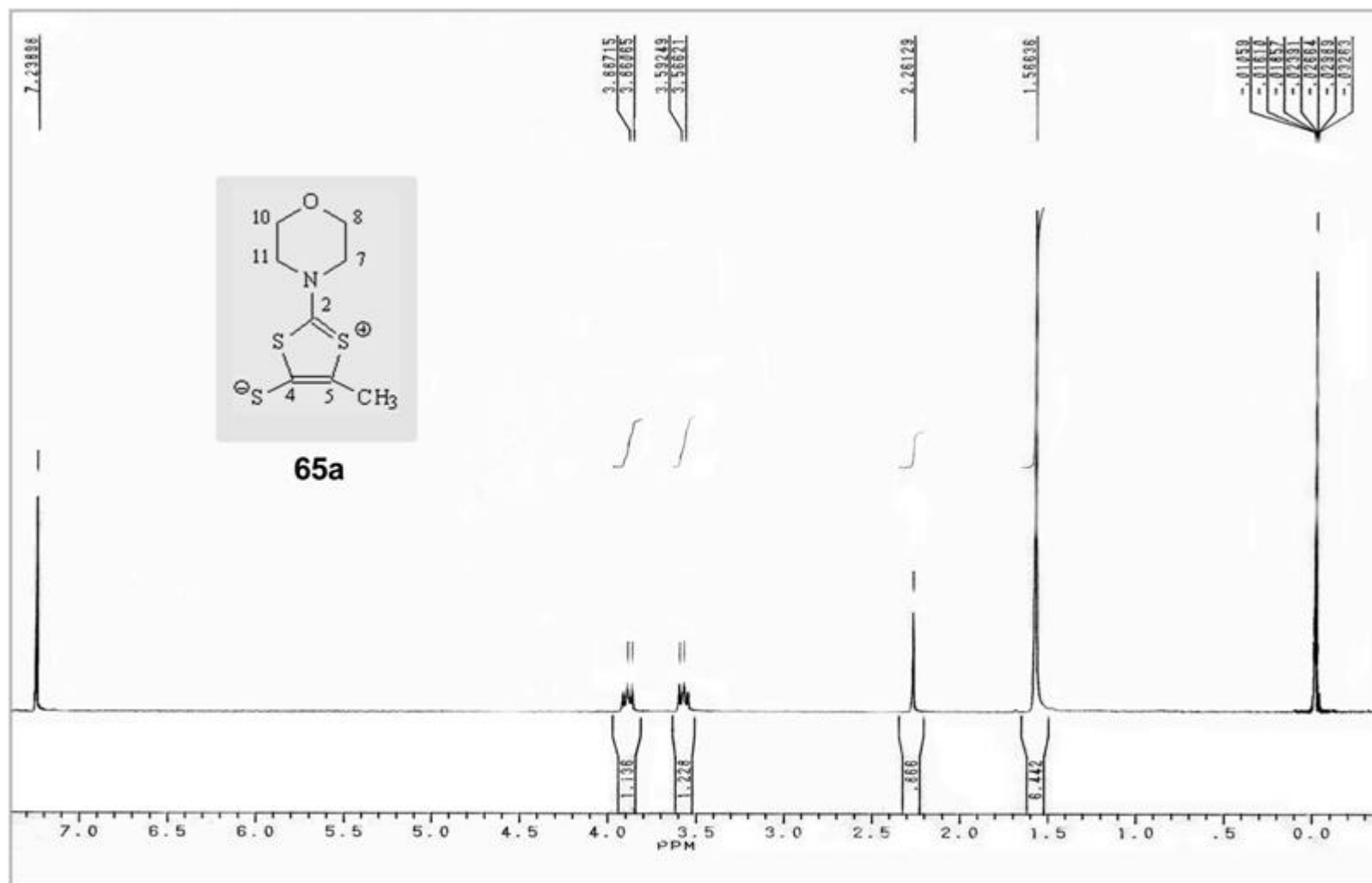
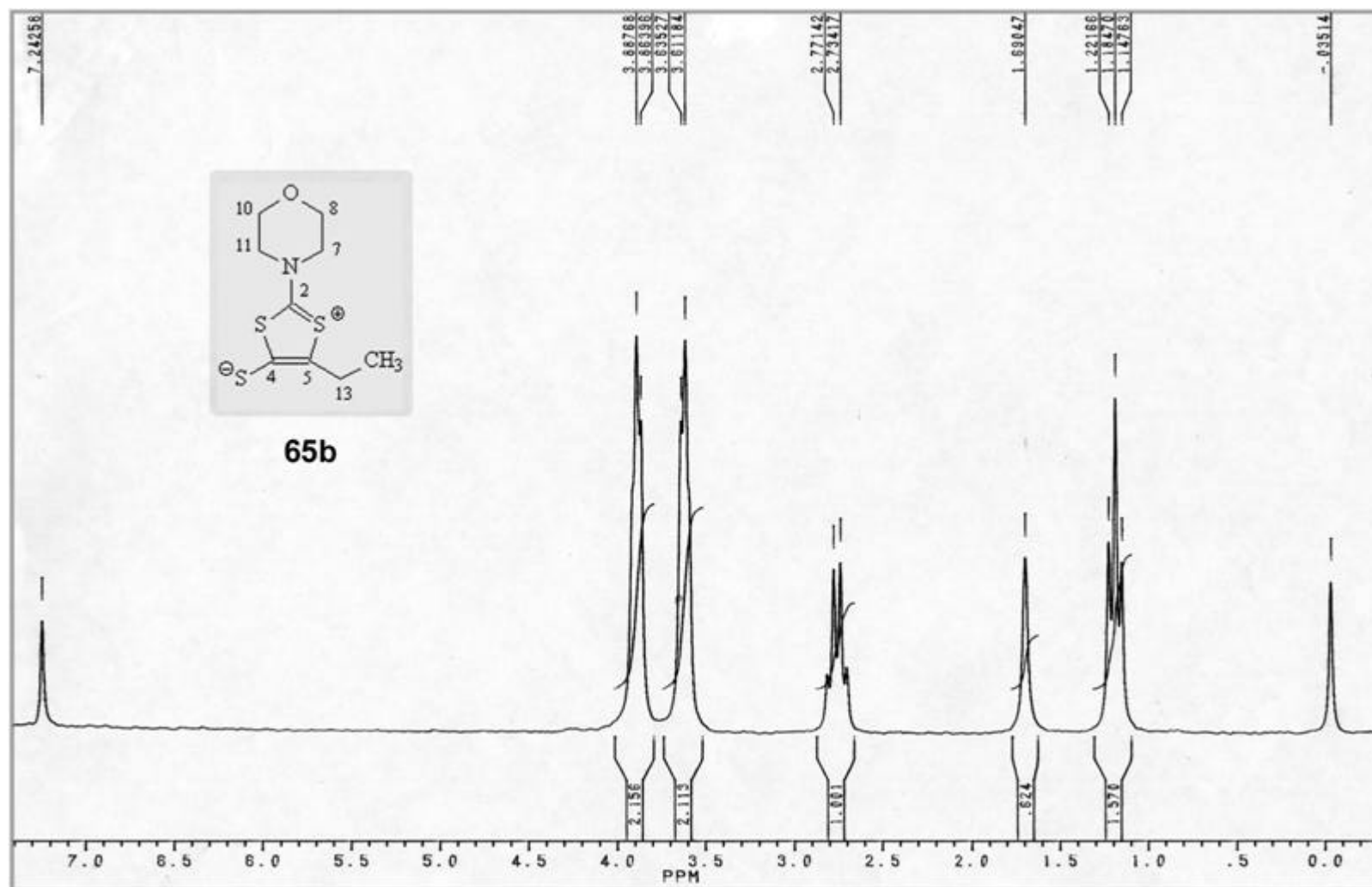


7.3 ESPECTROS DE RMN DE ^1H

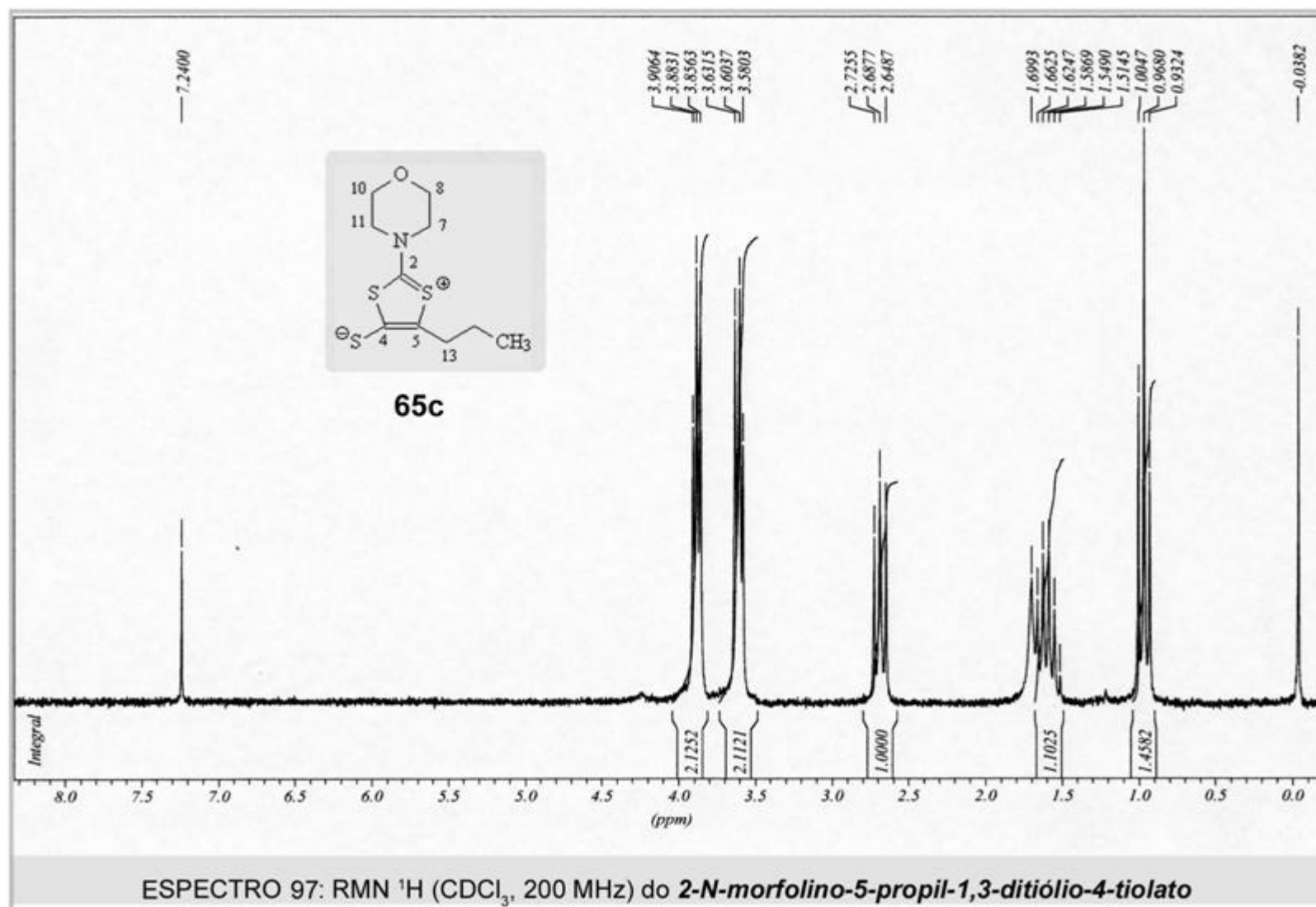
7.3.3 Compostos mesoiônicos *2-N-amino-5-alkyl-1,3-ditiólio-4-tiolatos*

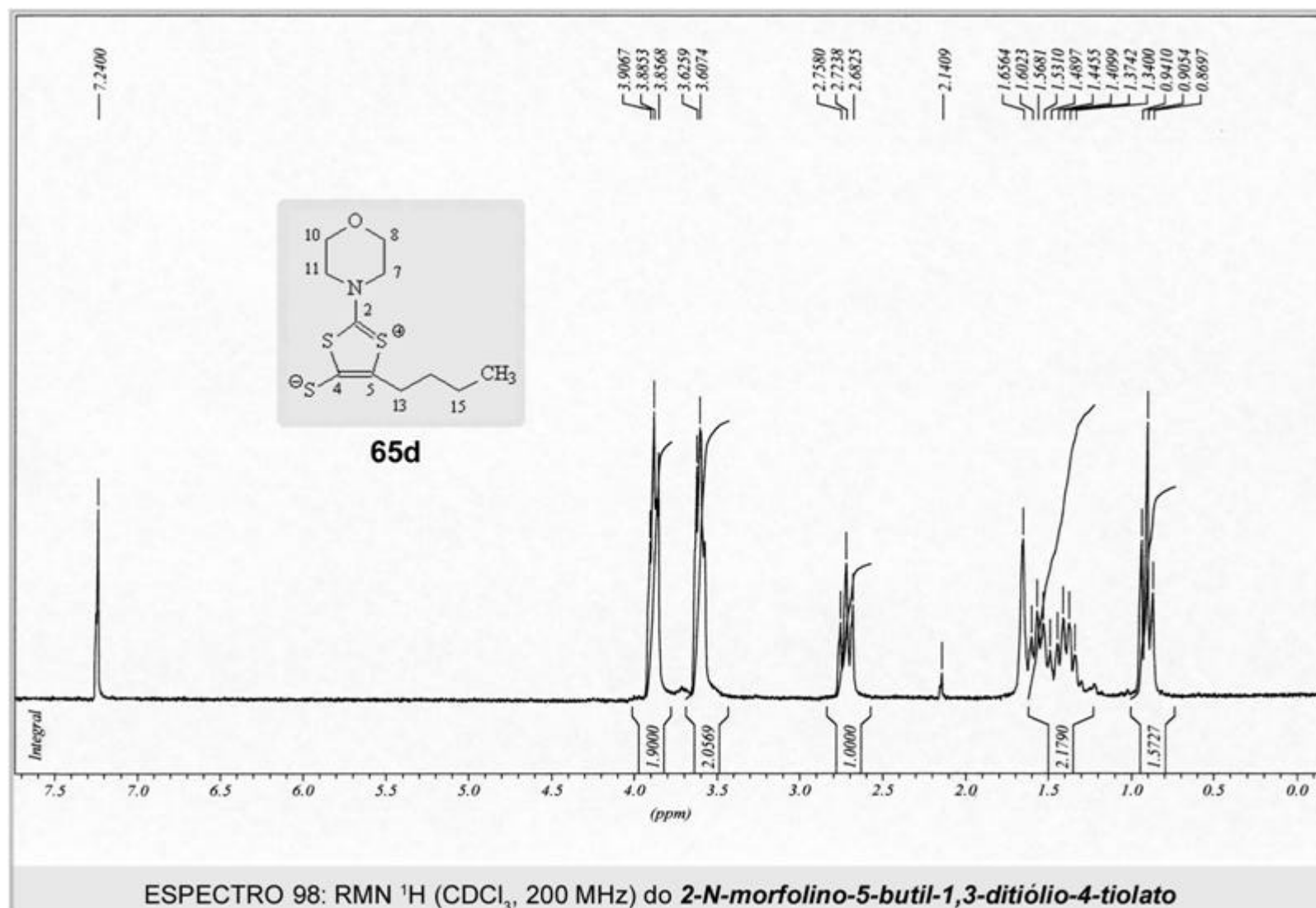


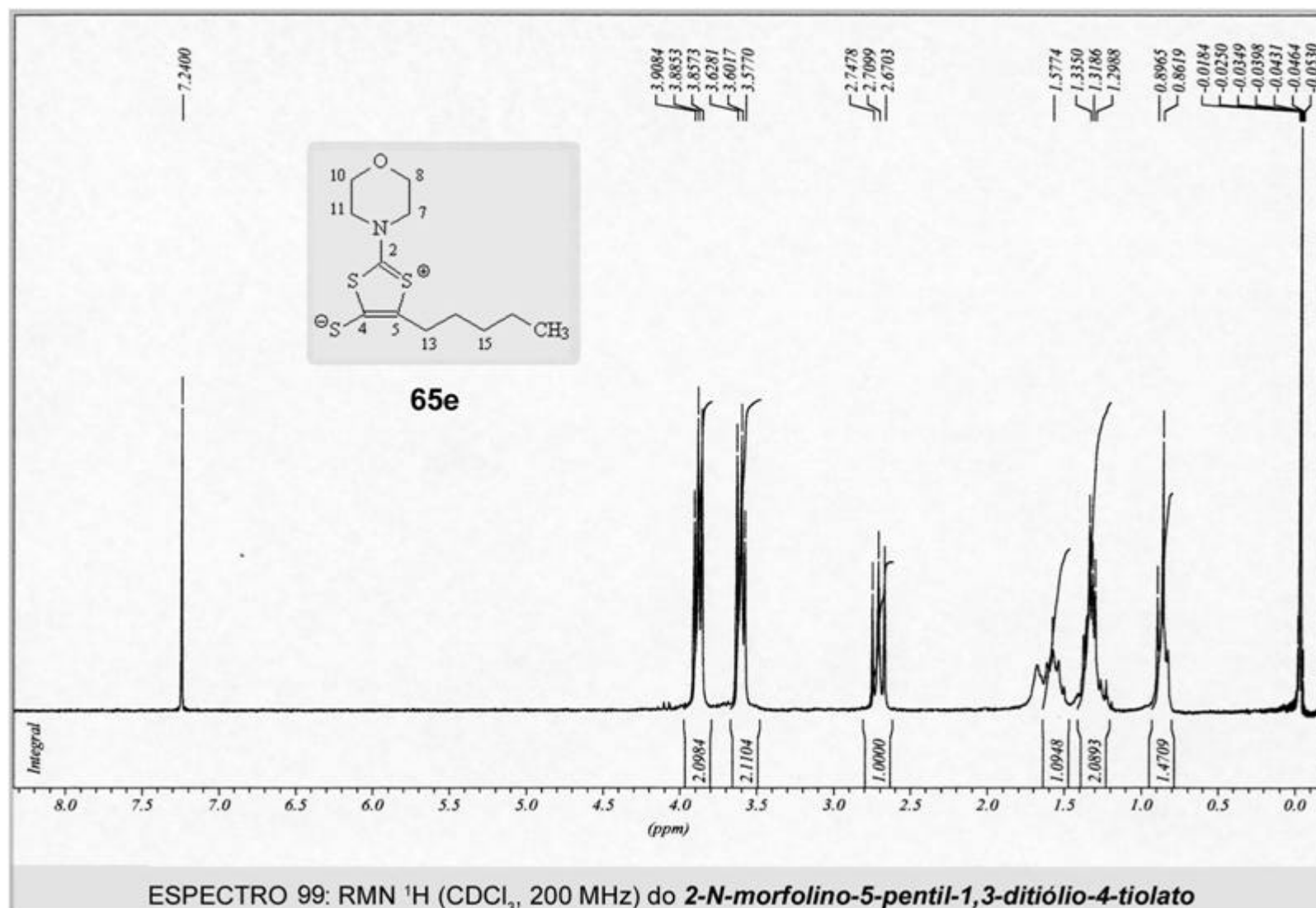
ESPECTRO 95: RMN ¹H (CDCl₃, 200 MHz), do **2-N-morfolino-5-metil-1,3-ditiólio-4-tiolato**

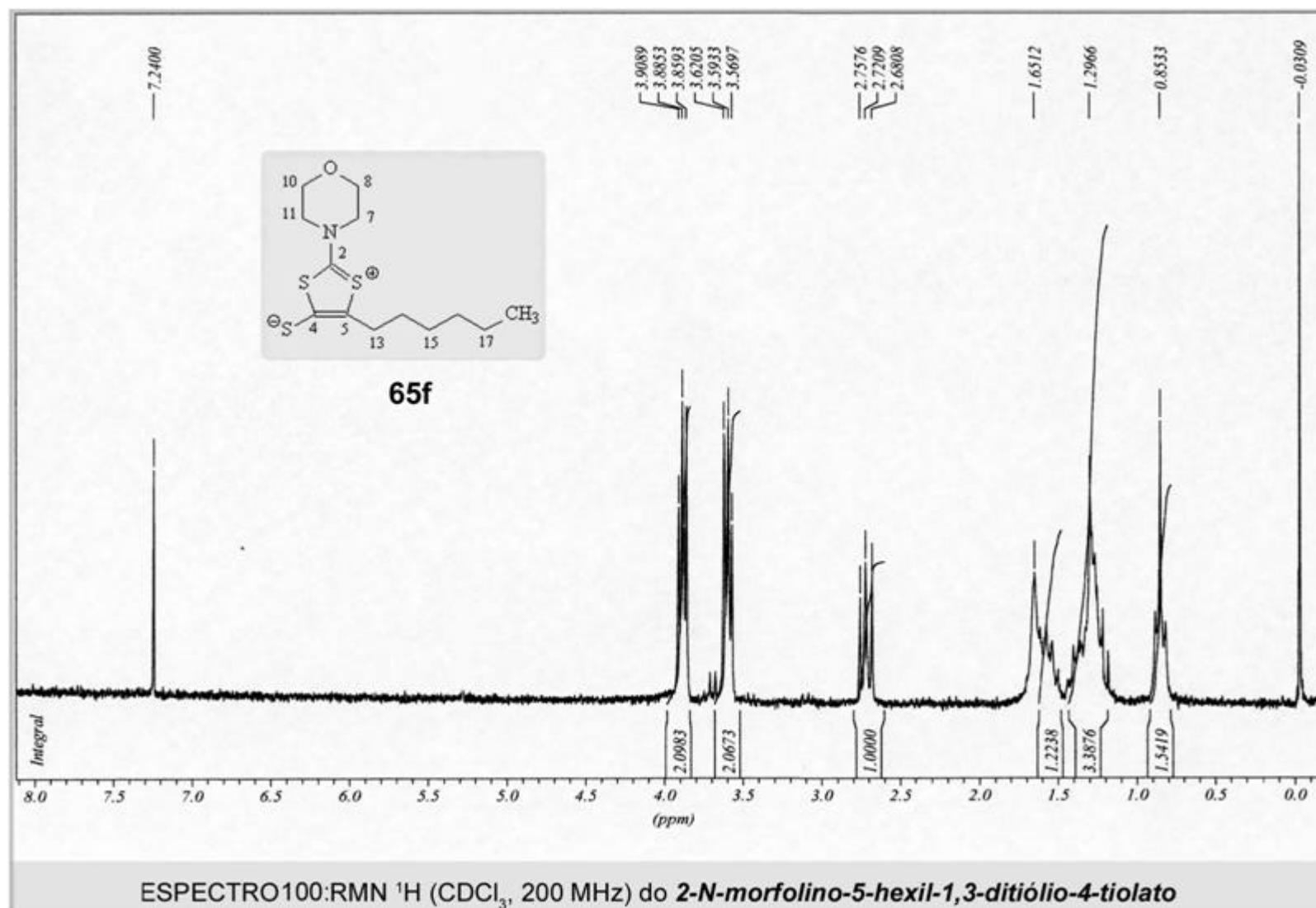


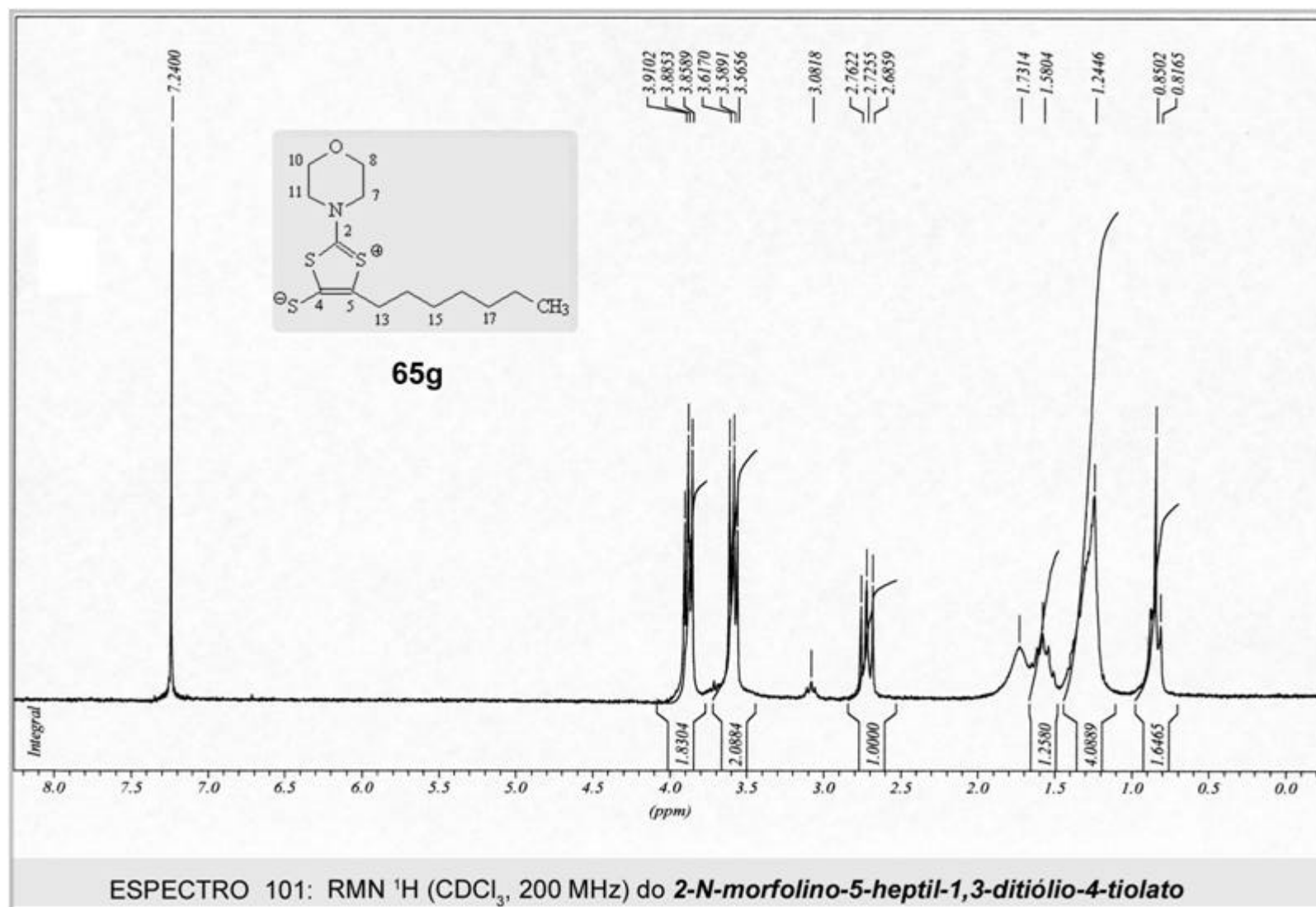
ESPECTRO 96: RMN ¹H (CDCl₃, 200 MHz) do **2-N-morfolino-5-etil-1,3-ditiólio-4-tiolato**

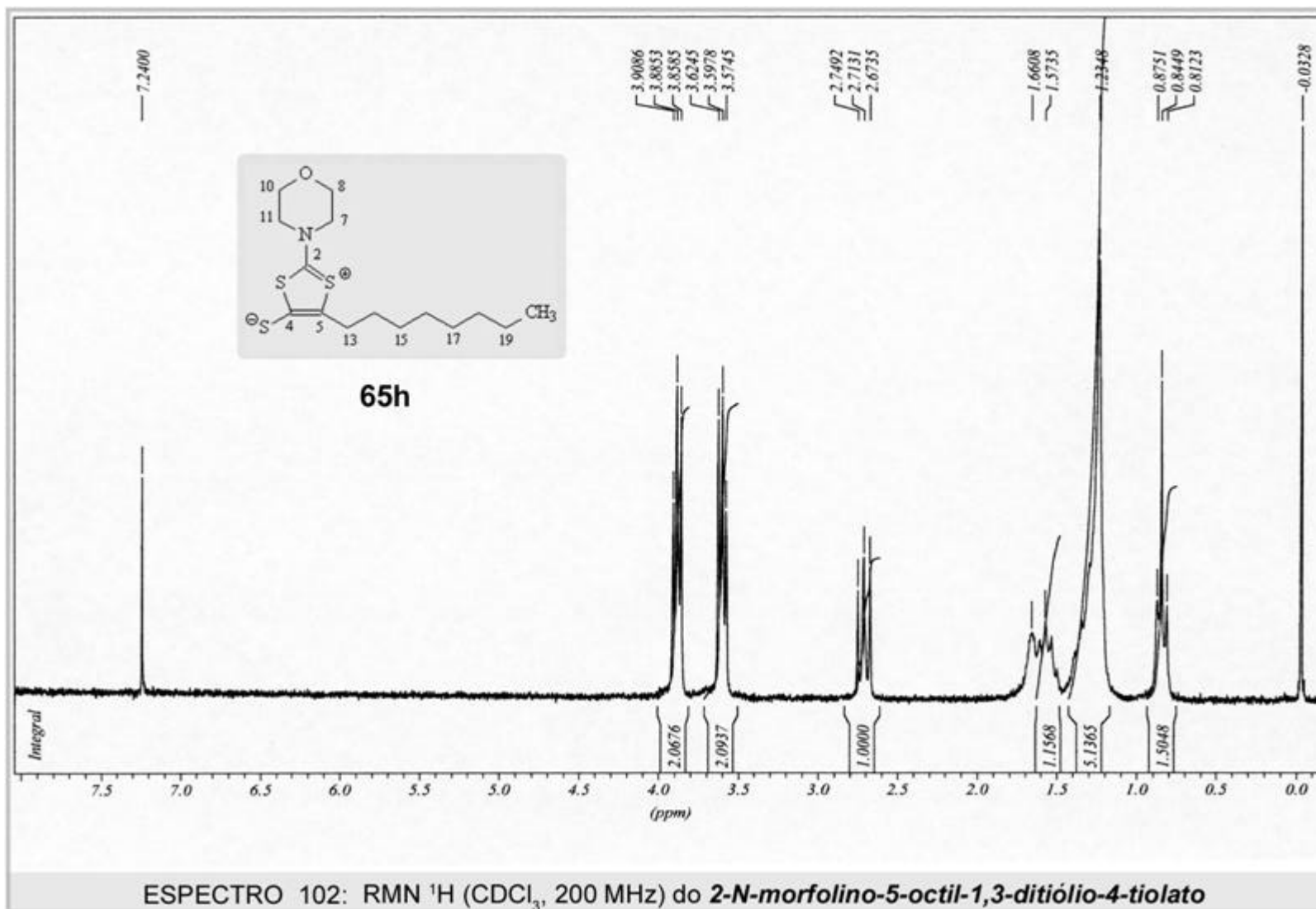


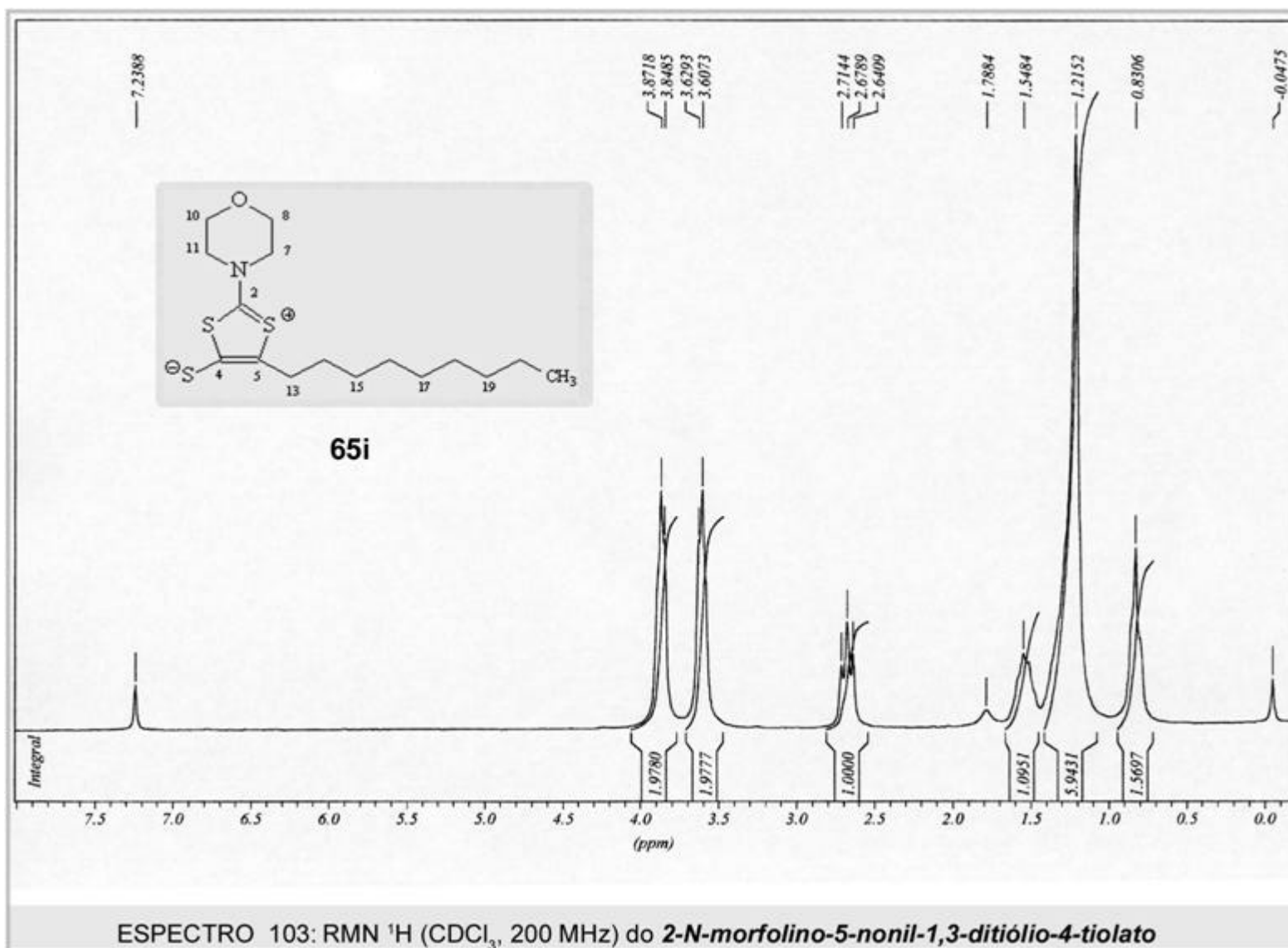


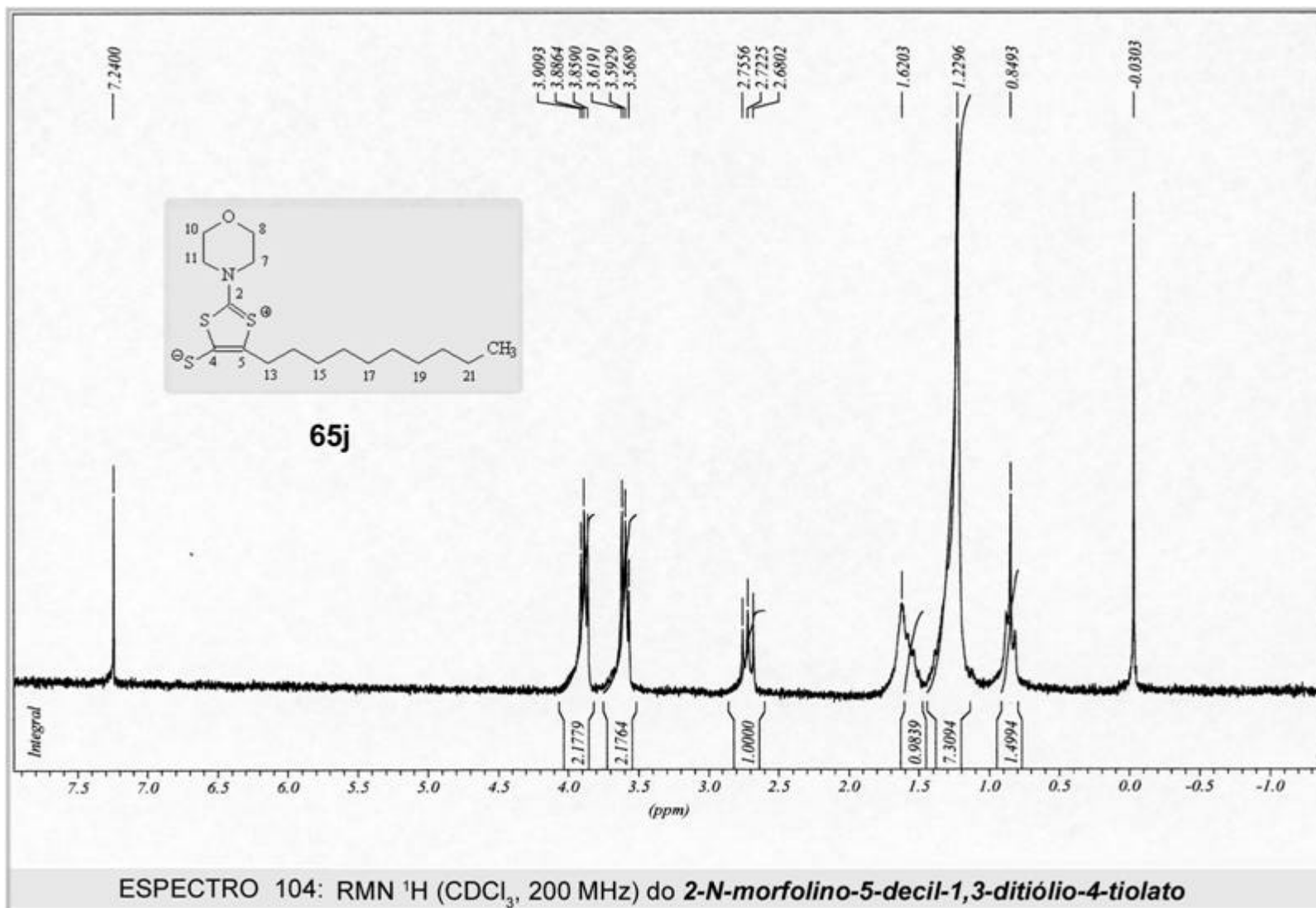


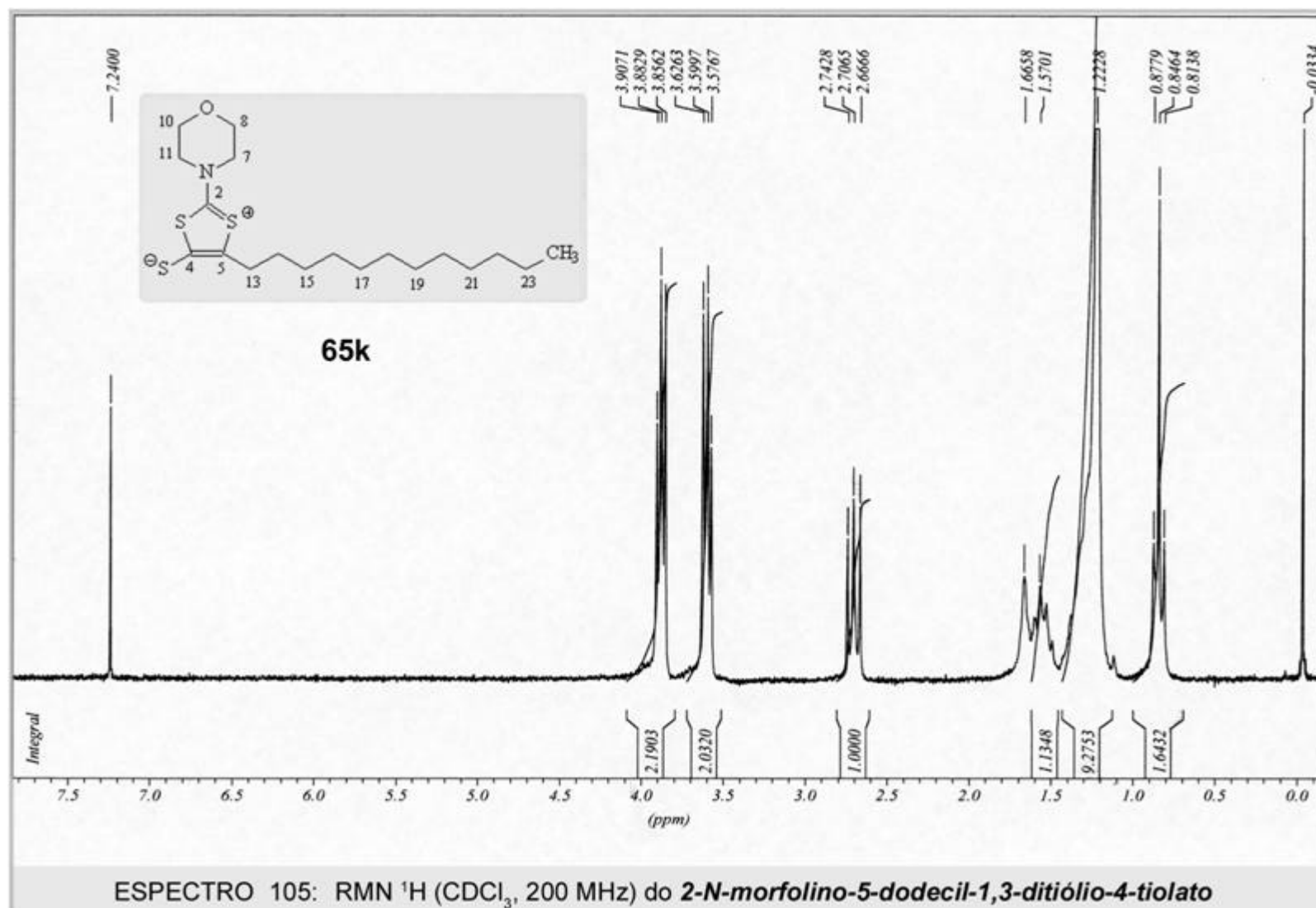


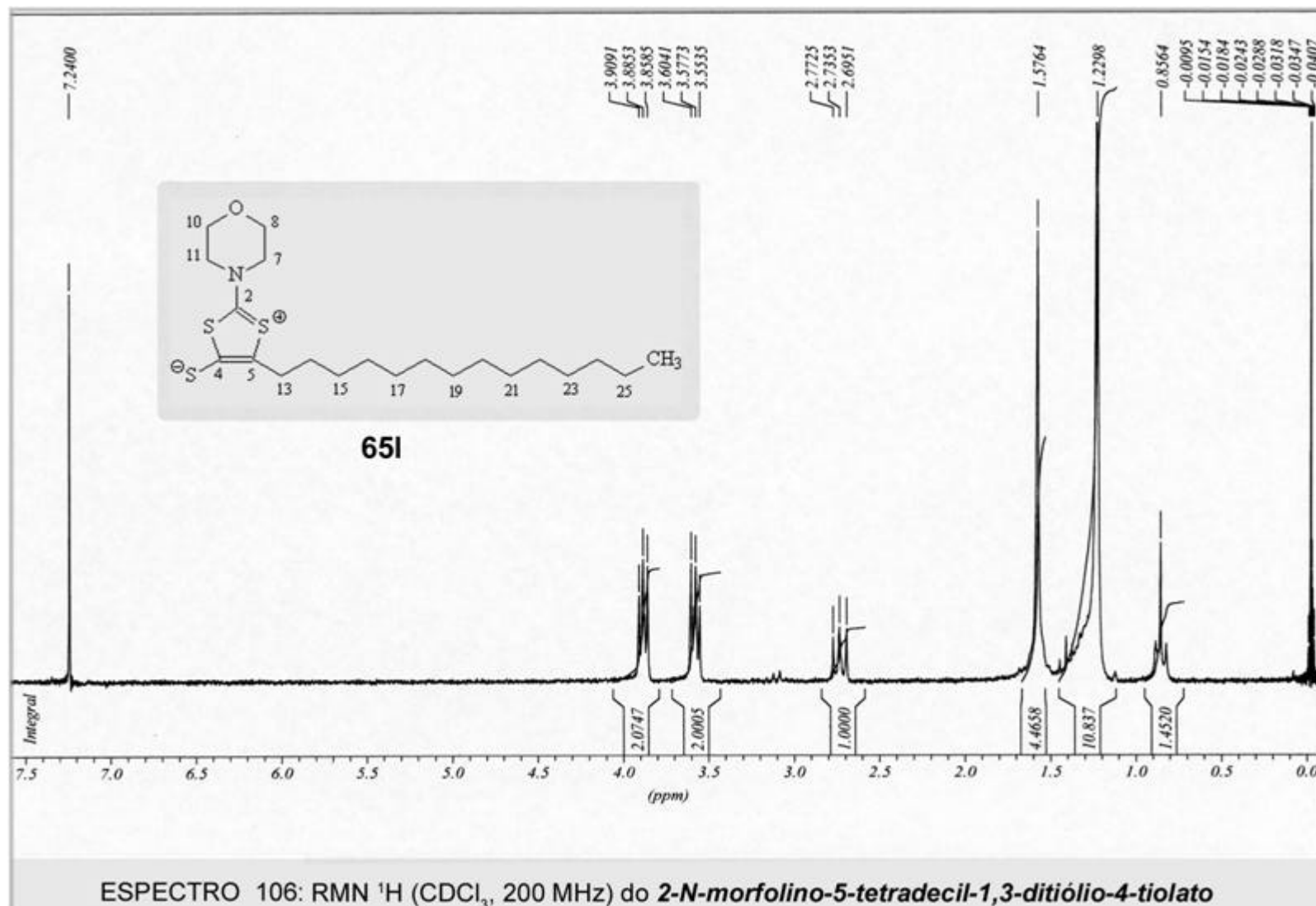


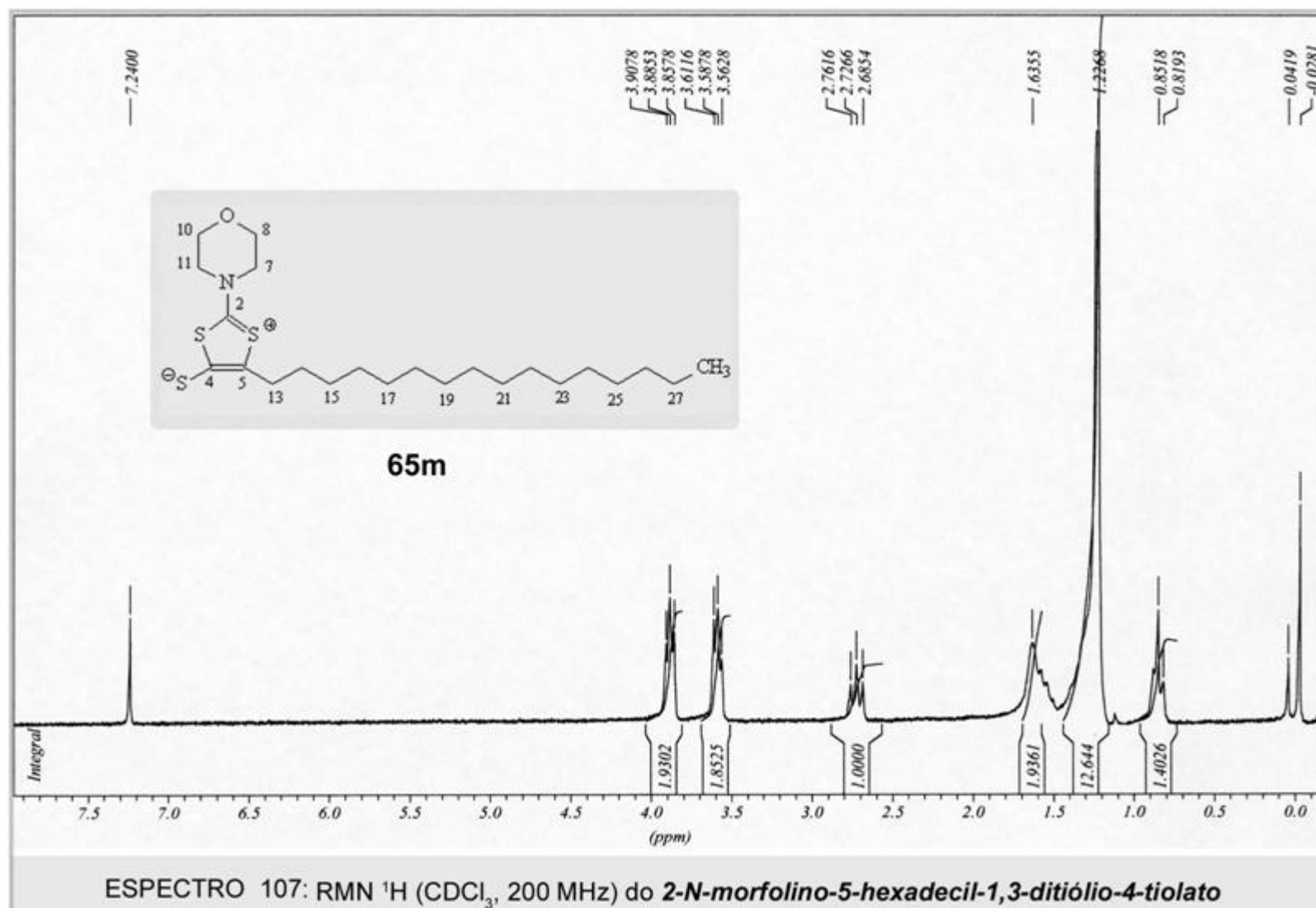


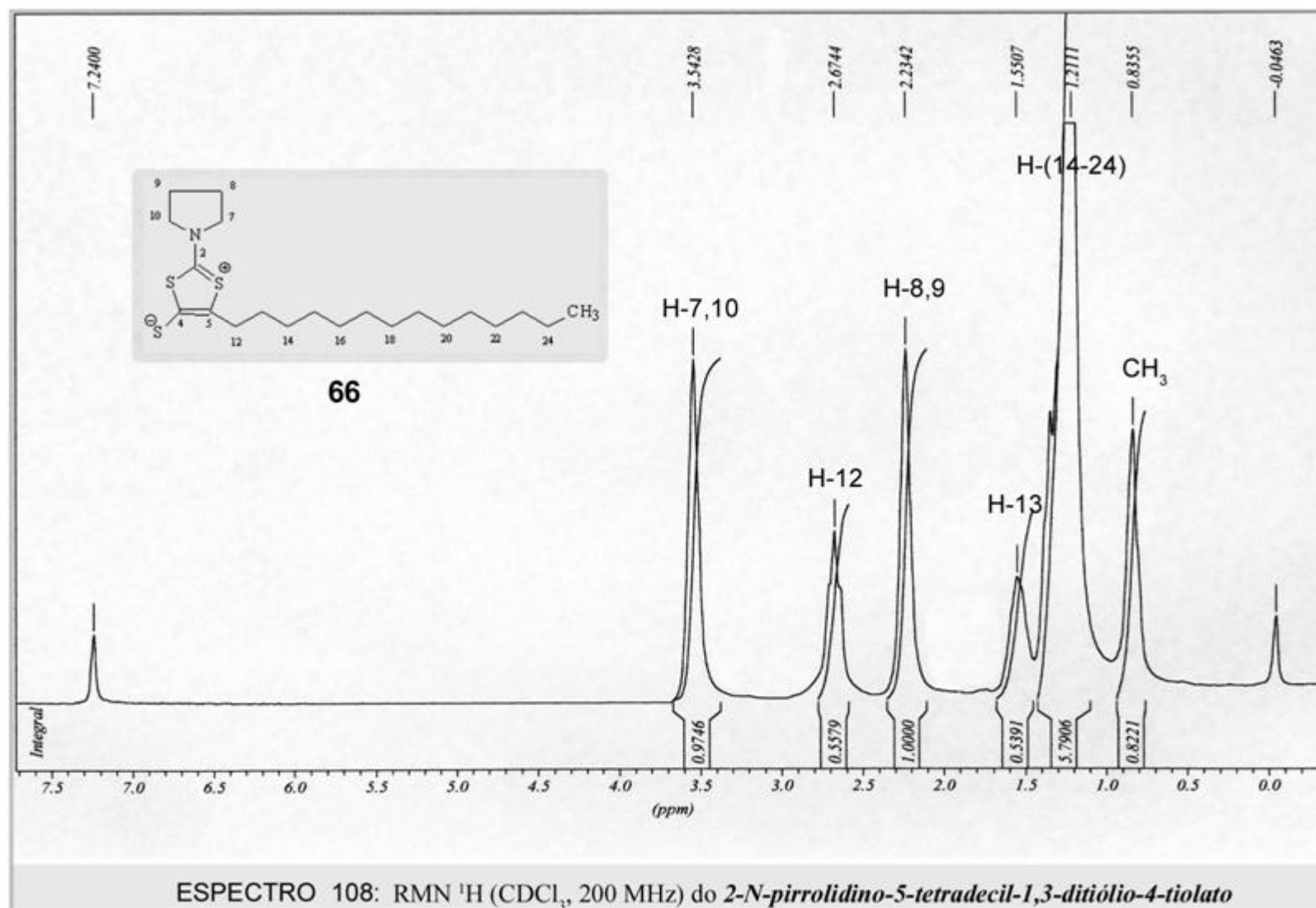


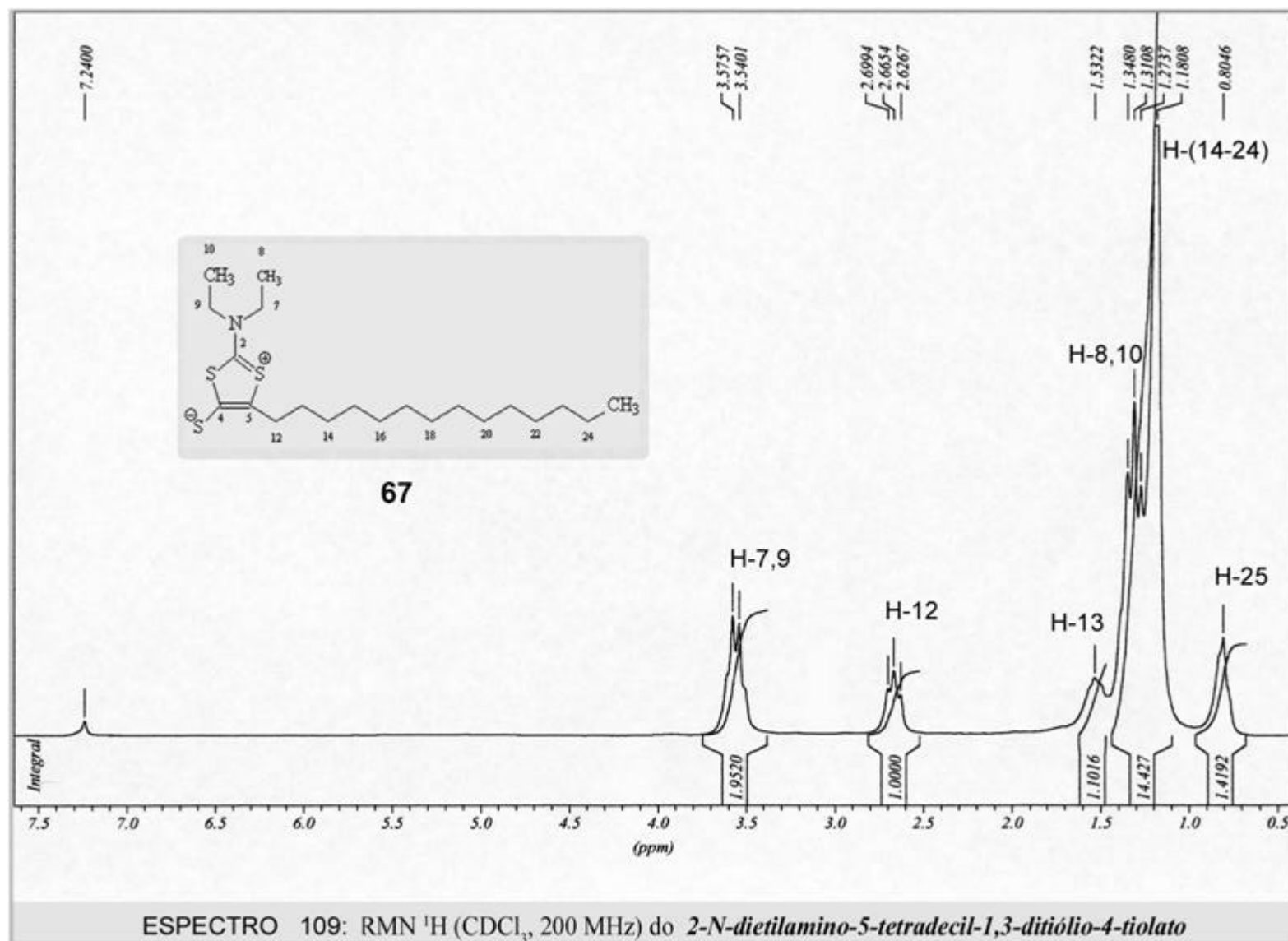


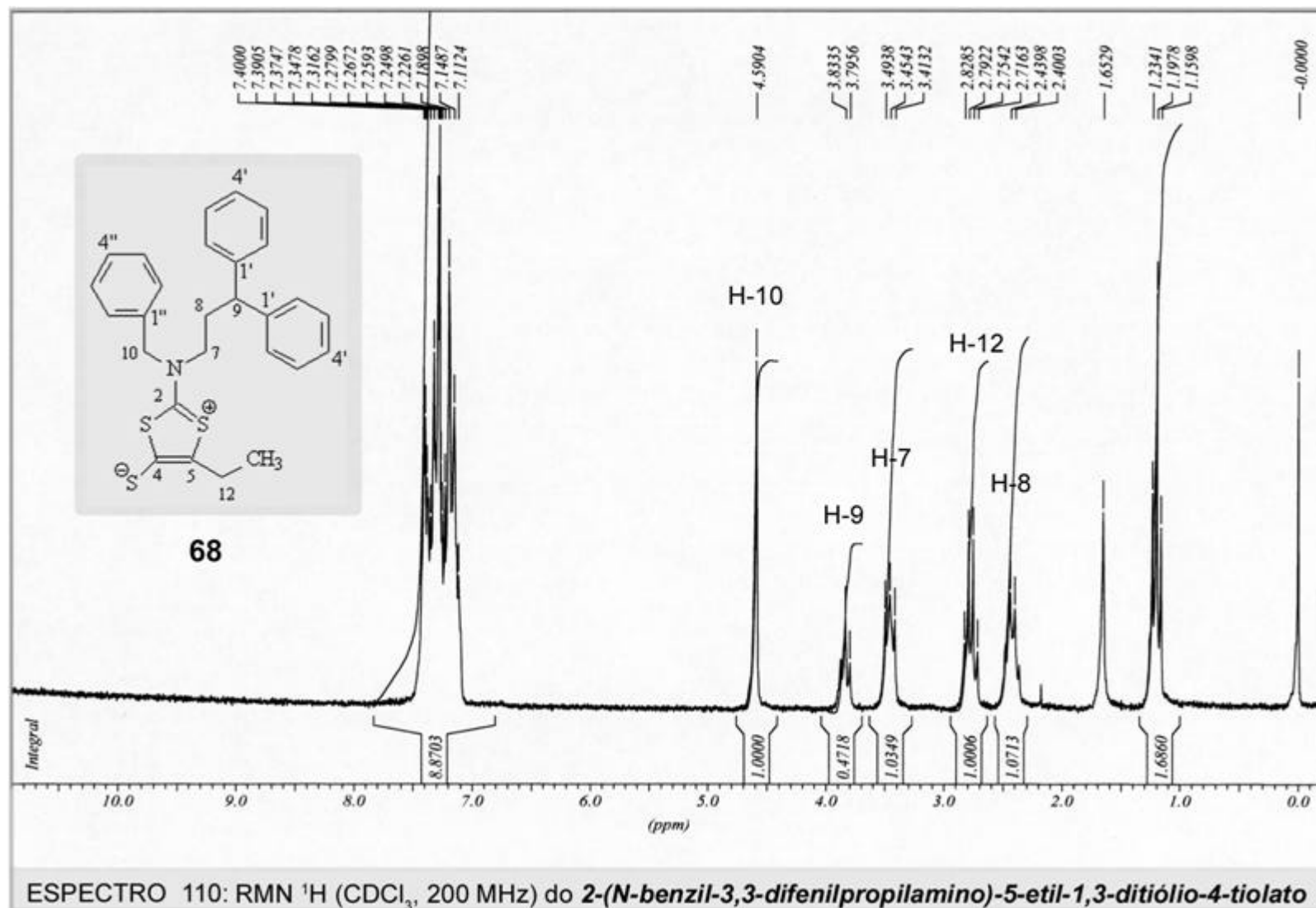


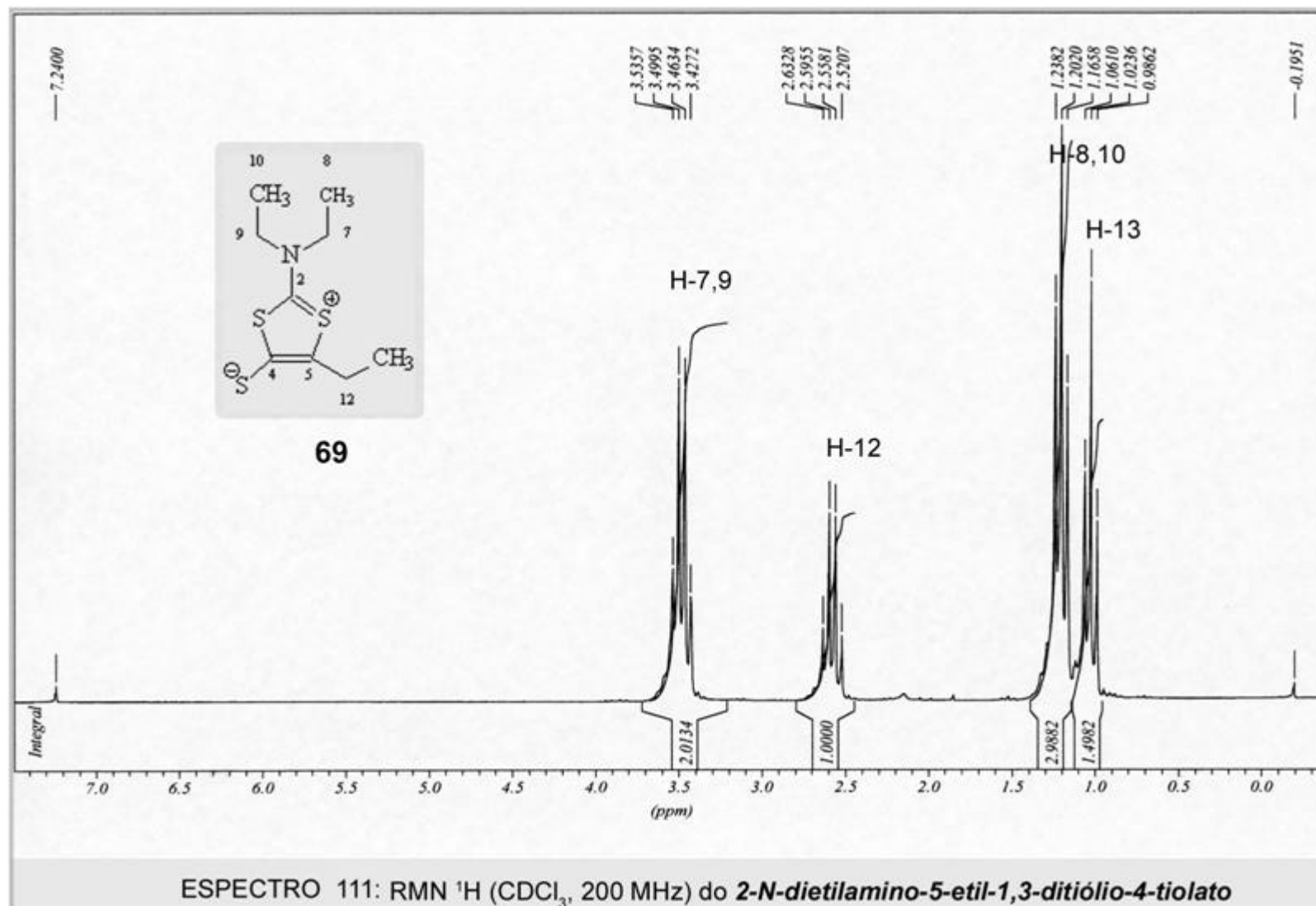






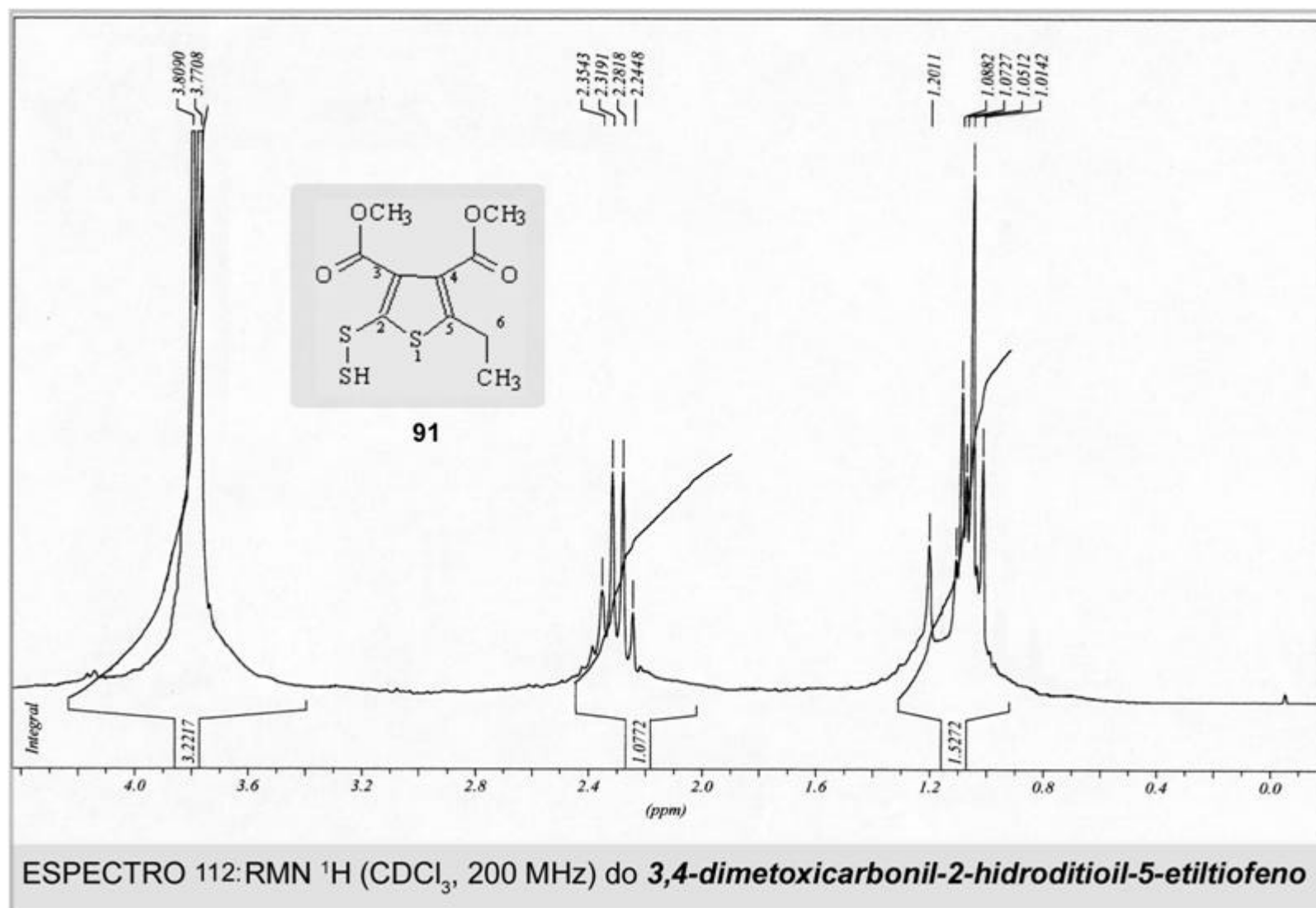


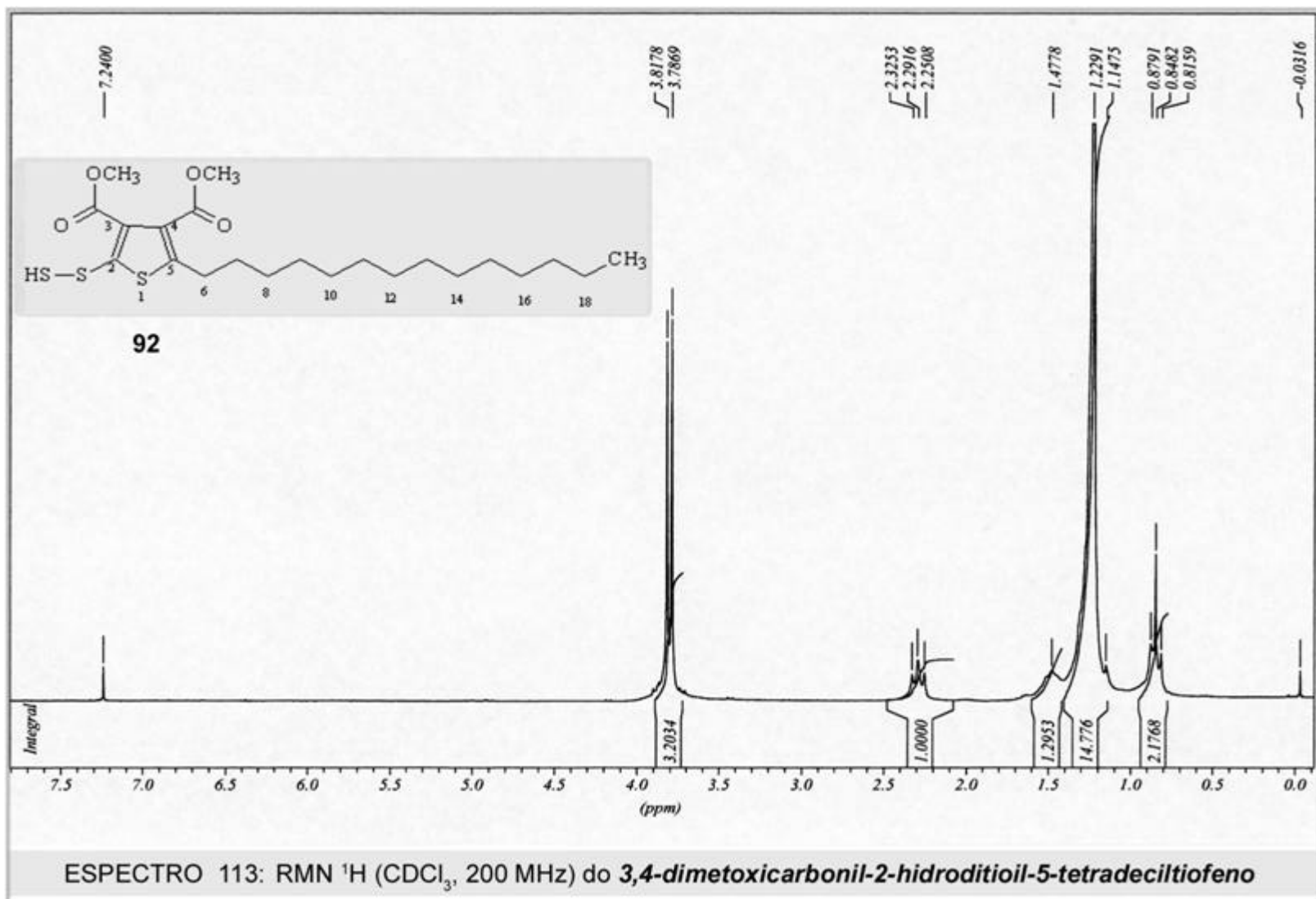


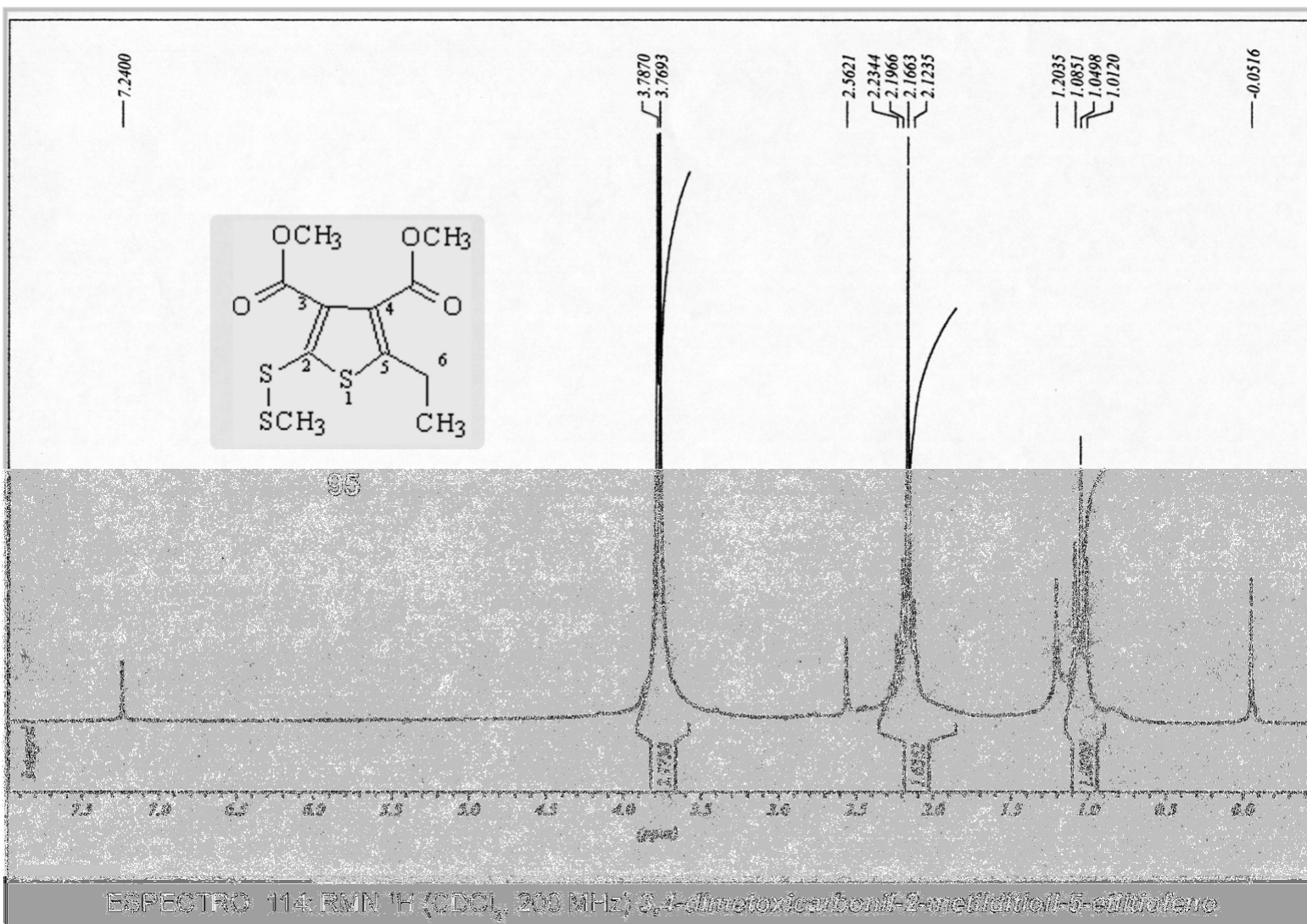


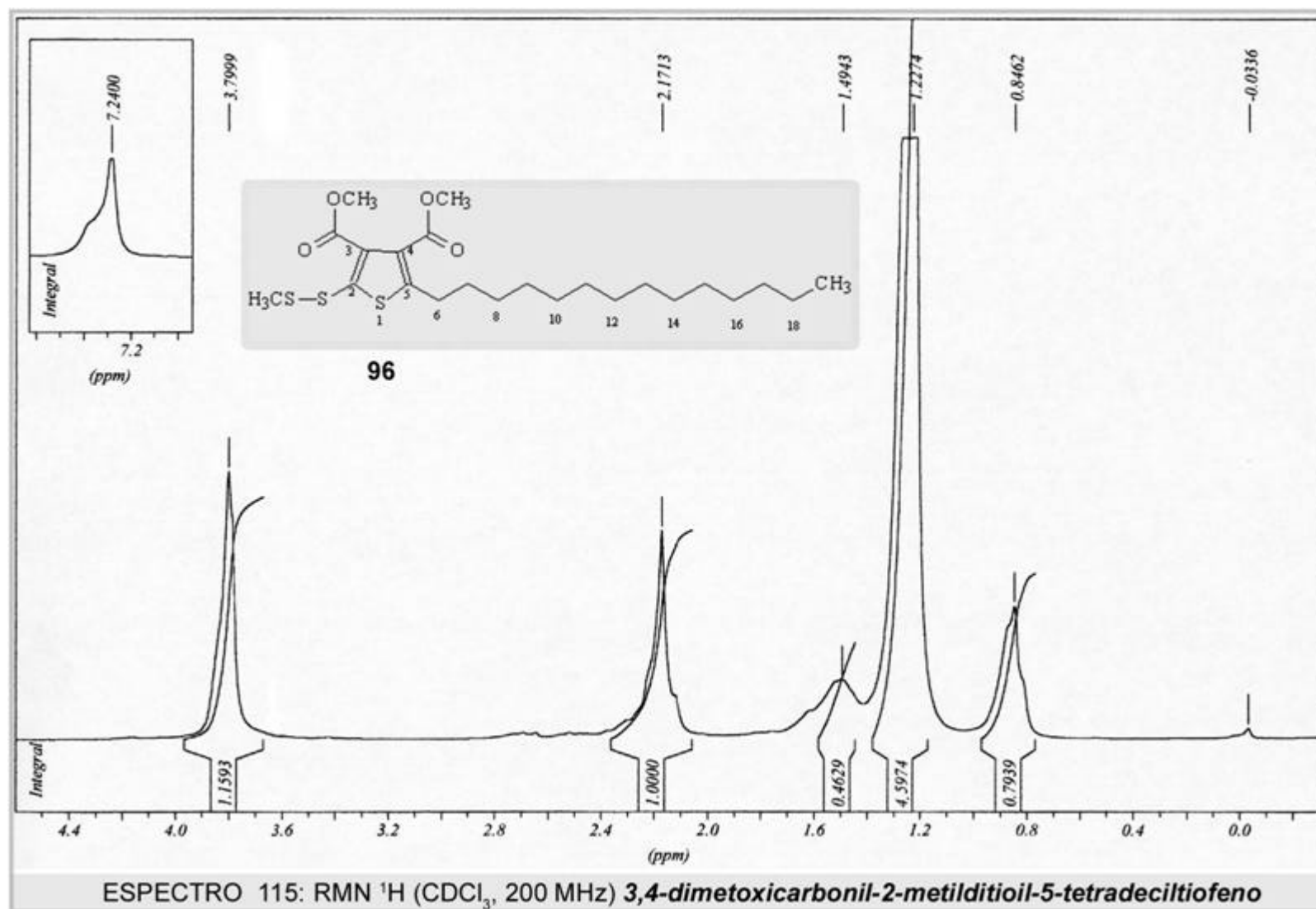
7.3 ESPECTROS DE RMN DE ^{13}C

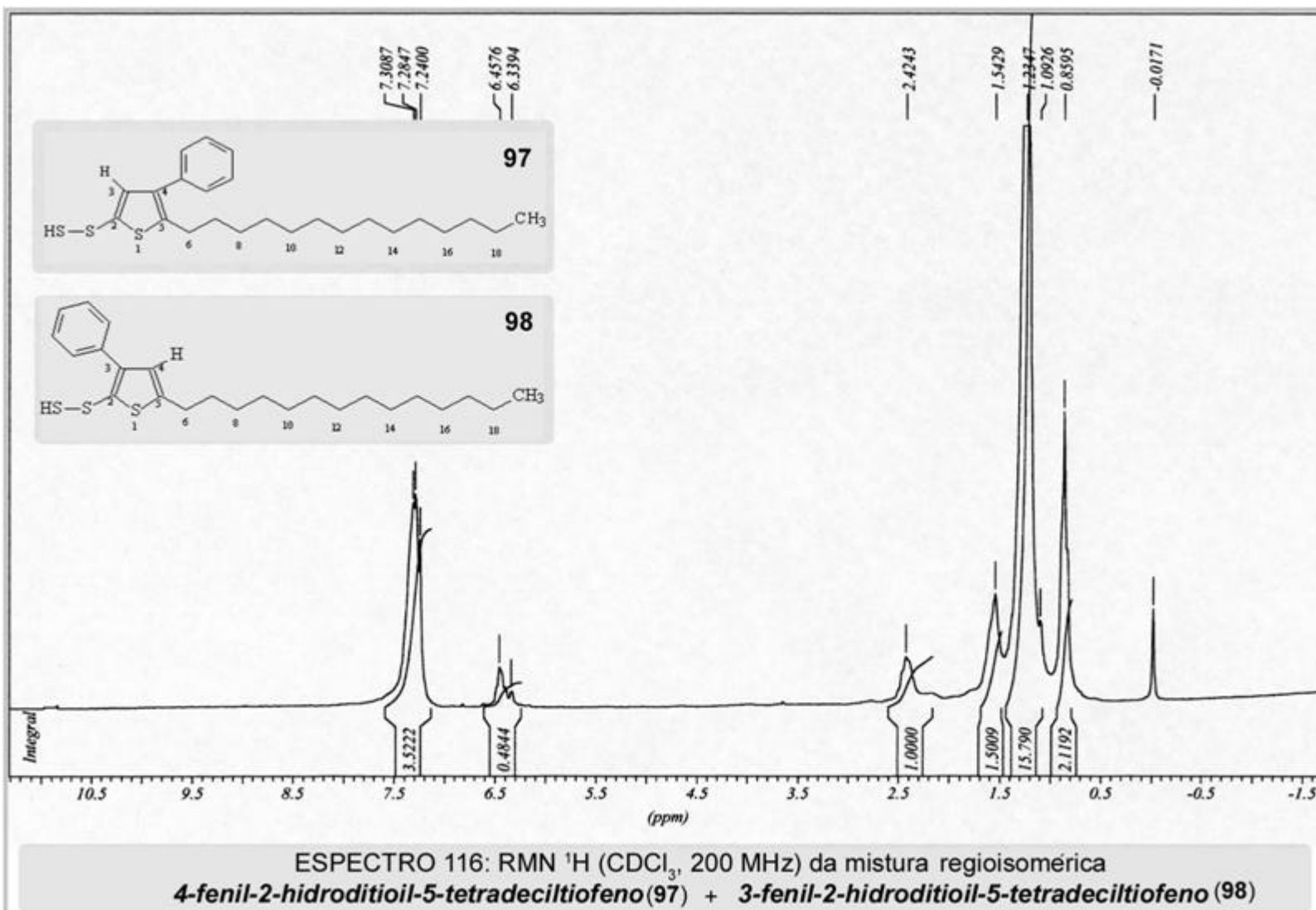
7.3.4 Produtos das reações de cicloadição 1,3-dipolar

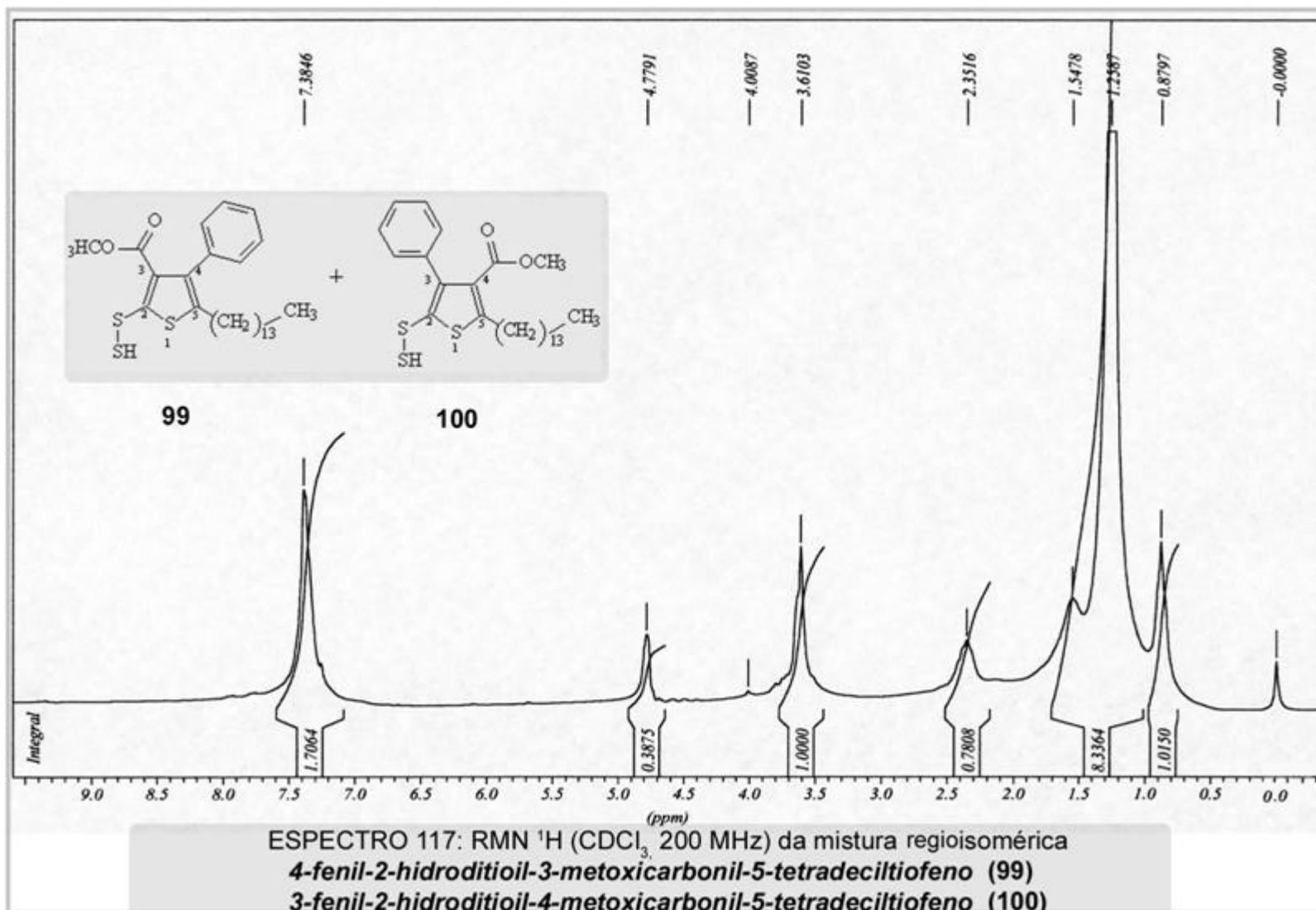






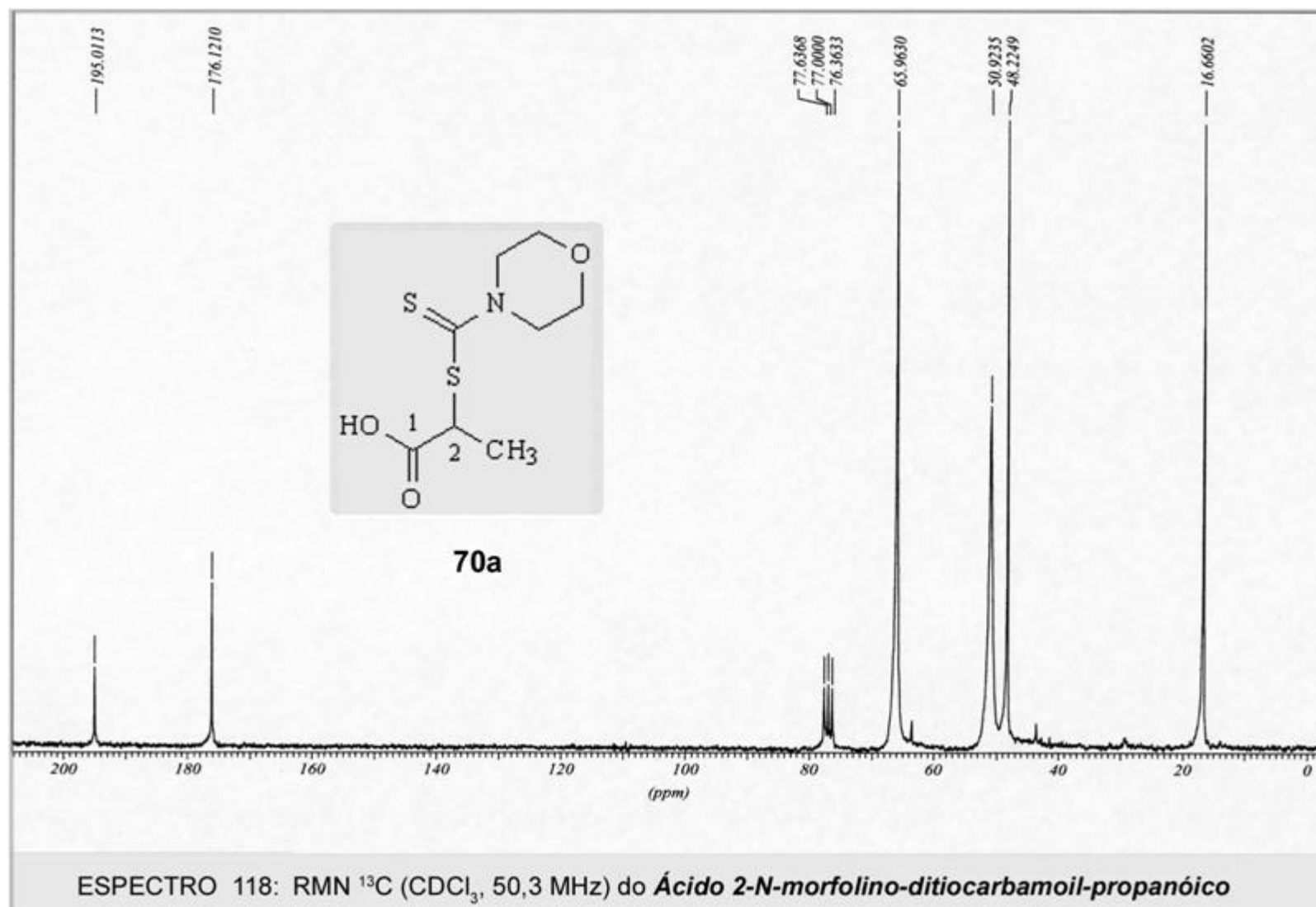


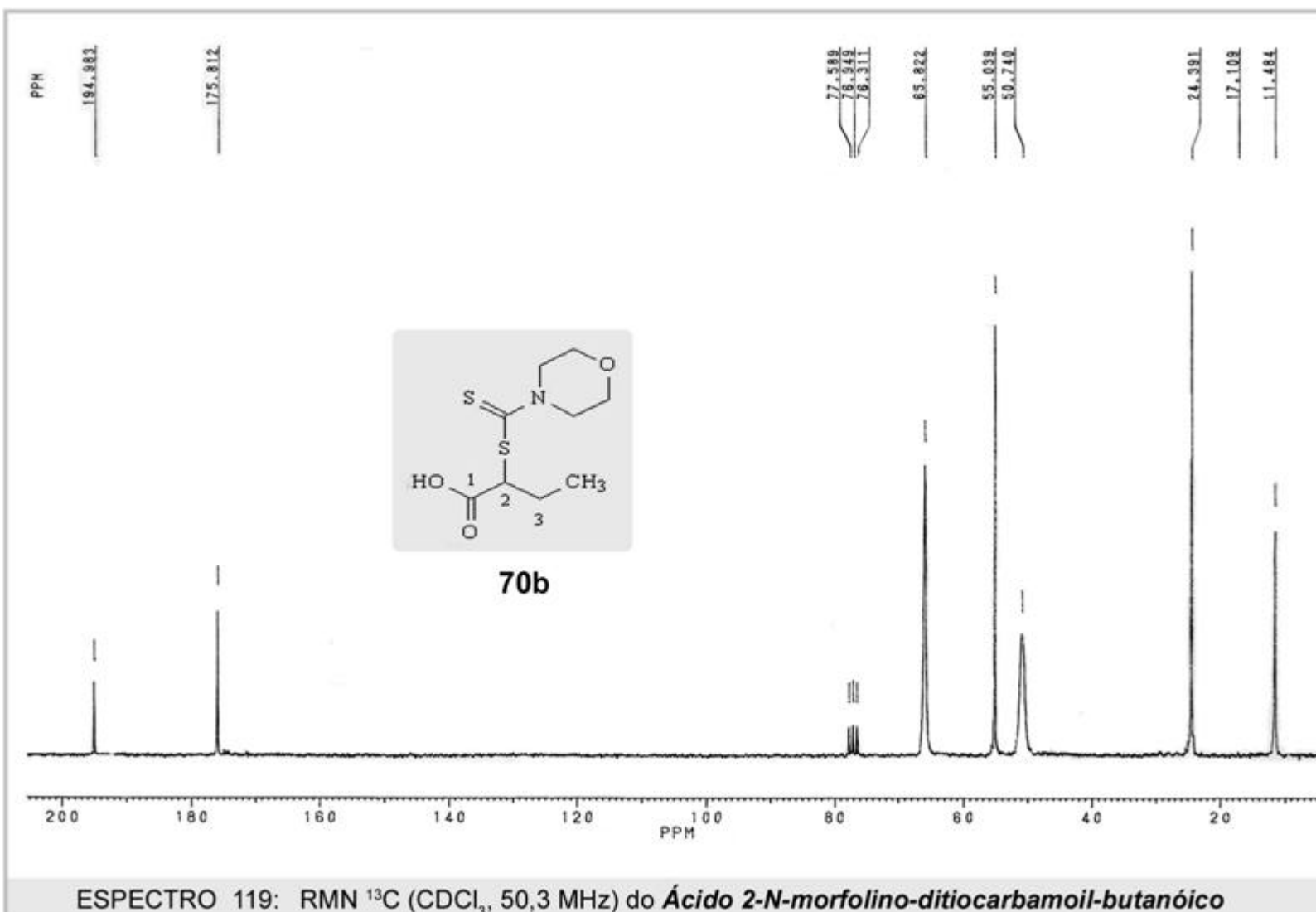


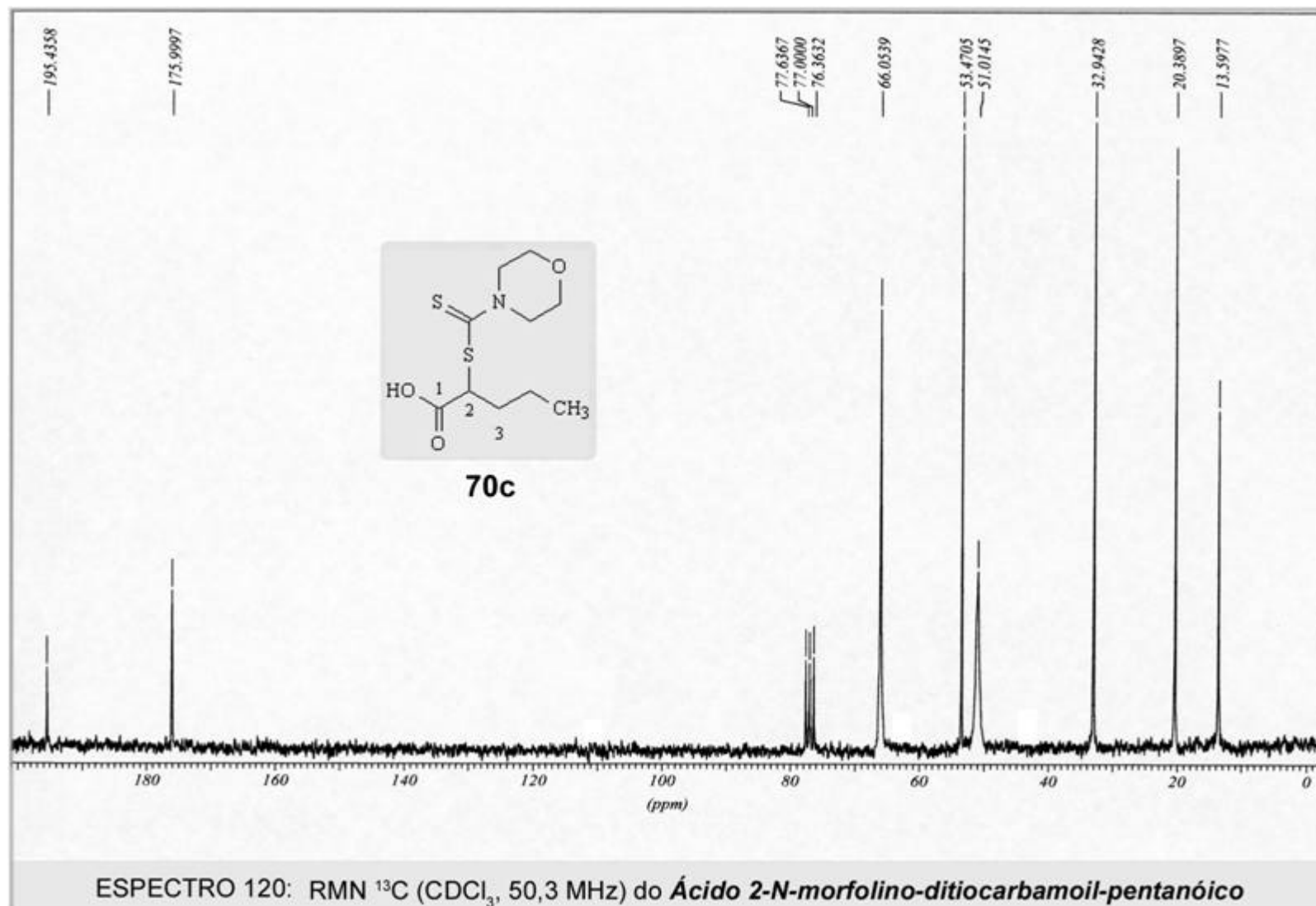


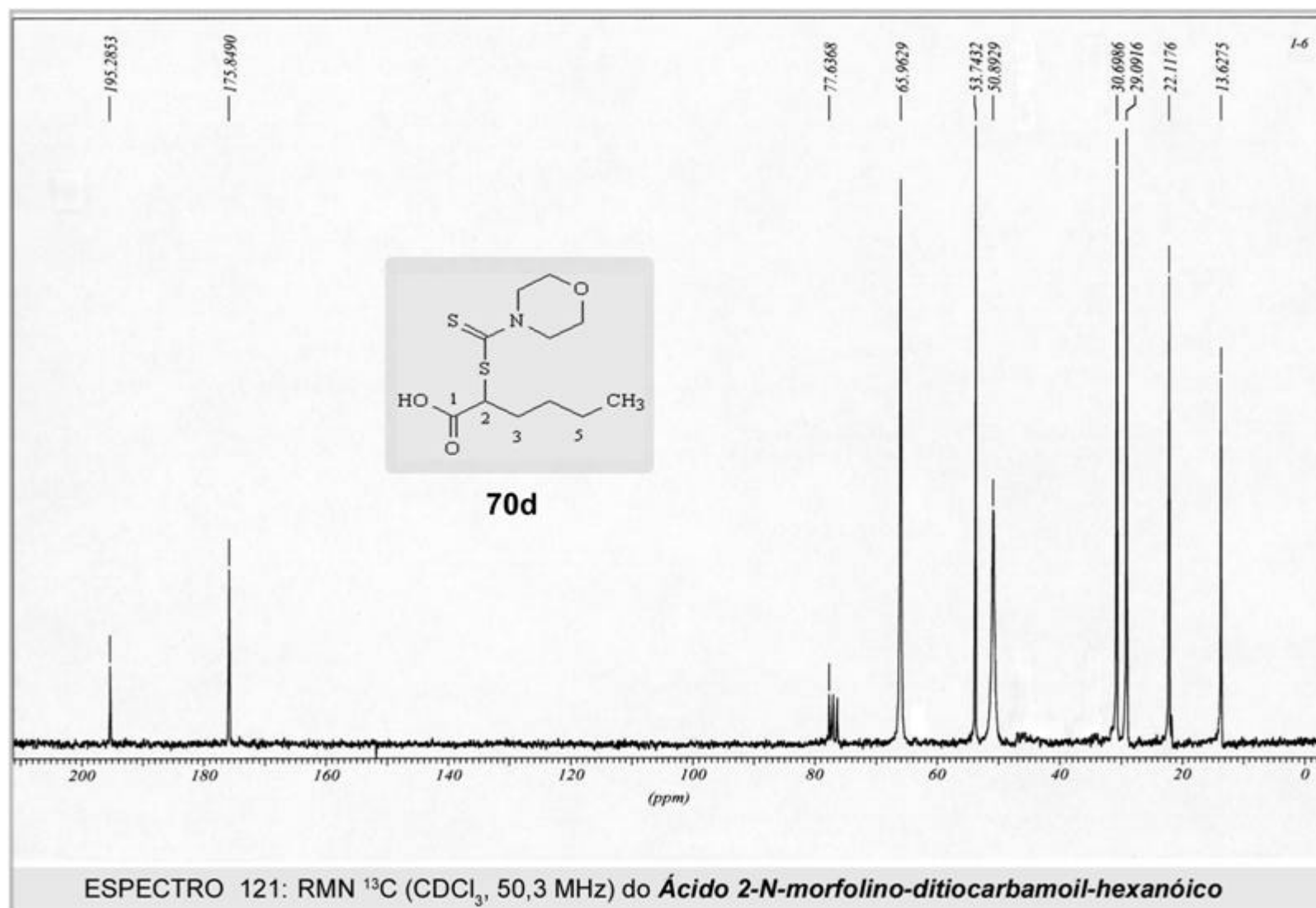
7.4 ESPECTROS DE RMN DE ^{13}C

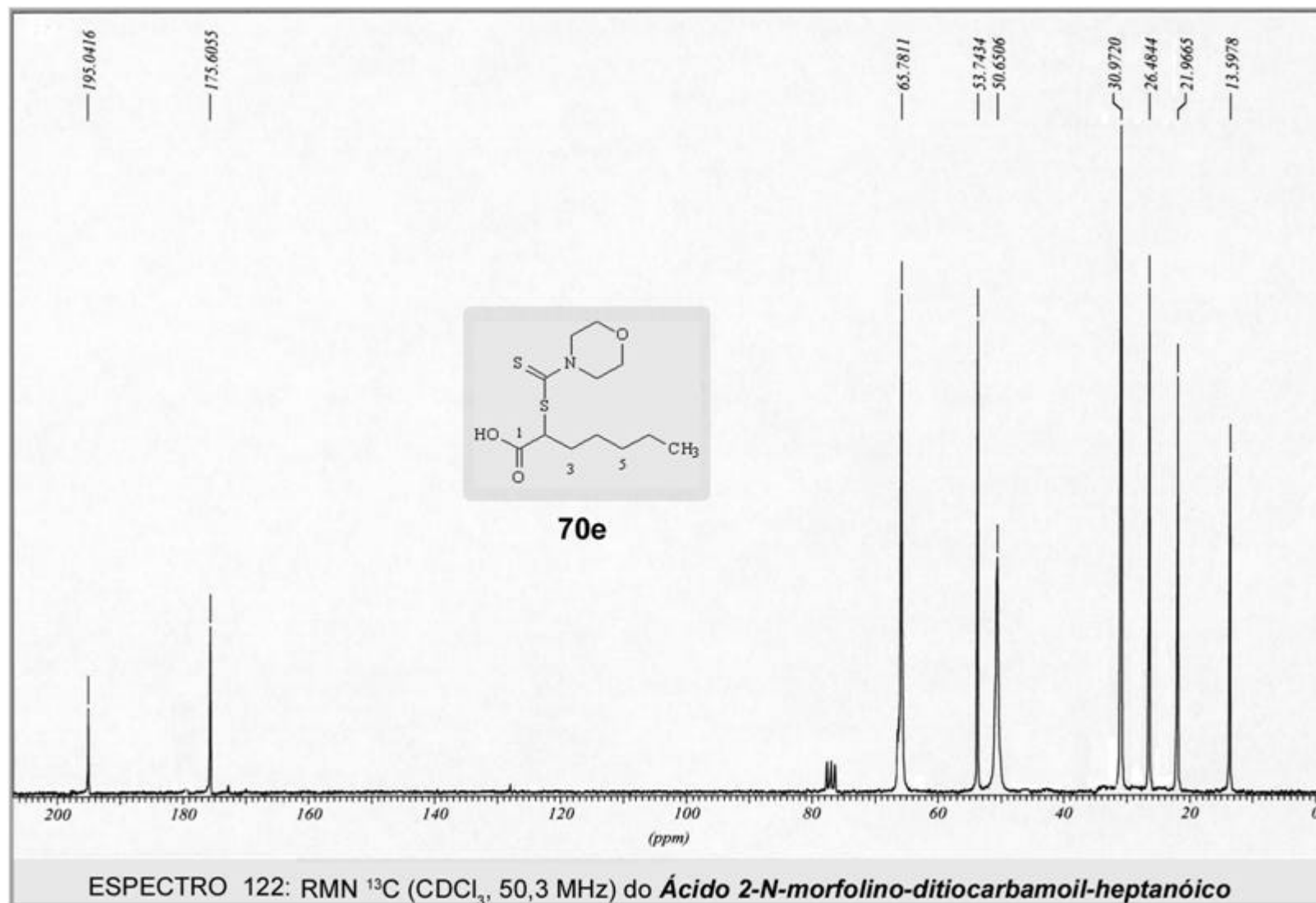
7.4.1 Ácidos 2-*N*-amino-ditiocarbamoil-alcanóicos

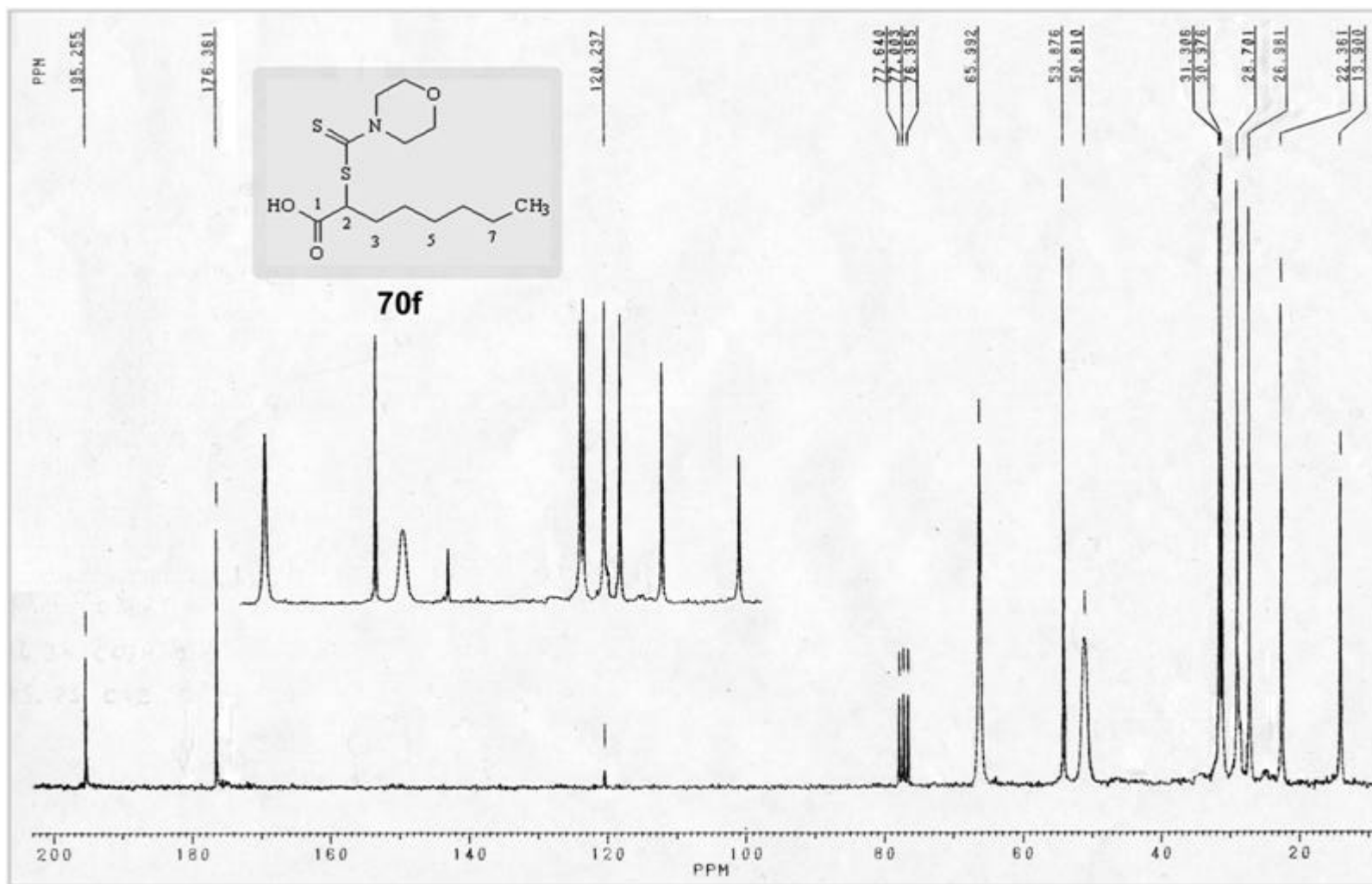












ESPECTRO 123: RMN ^{13}C (CDCl₃, 50,3 MHz) do **Ácido 2-N-morfolino-ditiocarbamoil-octanóico**

