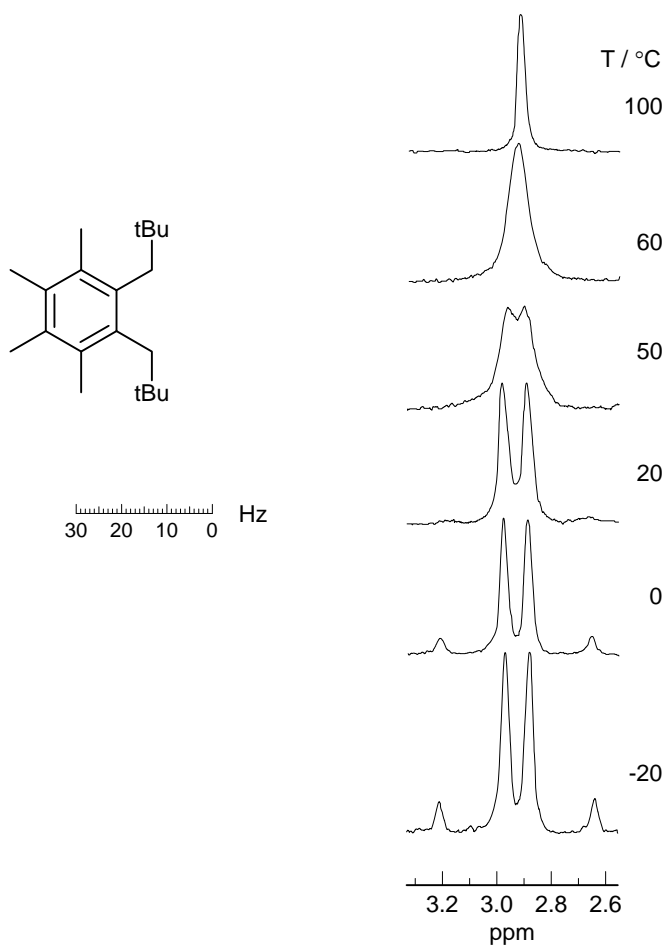


Problem R-03N ($C_{20}H_{34}$): Interpret the 60 MHz variable temperature 1H NMR spectrum of 1,2-dineopentyl-3,4,5,6-tetramethylbenzene in CCl_4 . Source: Dix, D. T.; Fraenkel, G.; Karnes, H. A.; Newman, M. S. *Tetrahedron Lett.* **1966**, 517



Problem Set 13

Problem R-03N ($C_{20}H_{34}$): Interpret the 60 MHz variable temperature 1H NMR spectrum of 1,2-dineopentyl-3,4,5,6-tetramethylbenzene in CCl_4 . Source: Dix, D. T.; Fraenkel, G.; Karnes, H. A.; Newman, M. S. *Tetrahedron Lett.* **1966**, 517

