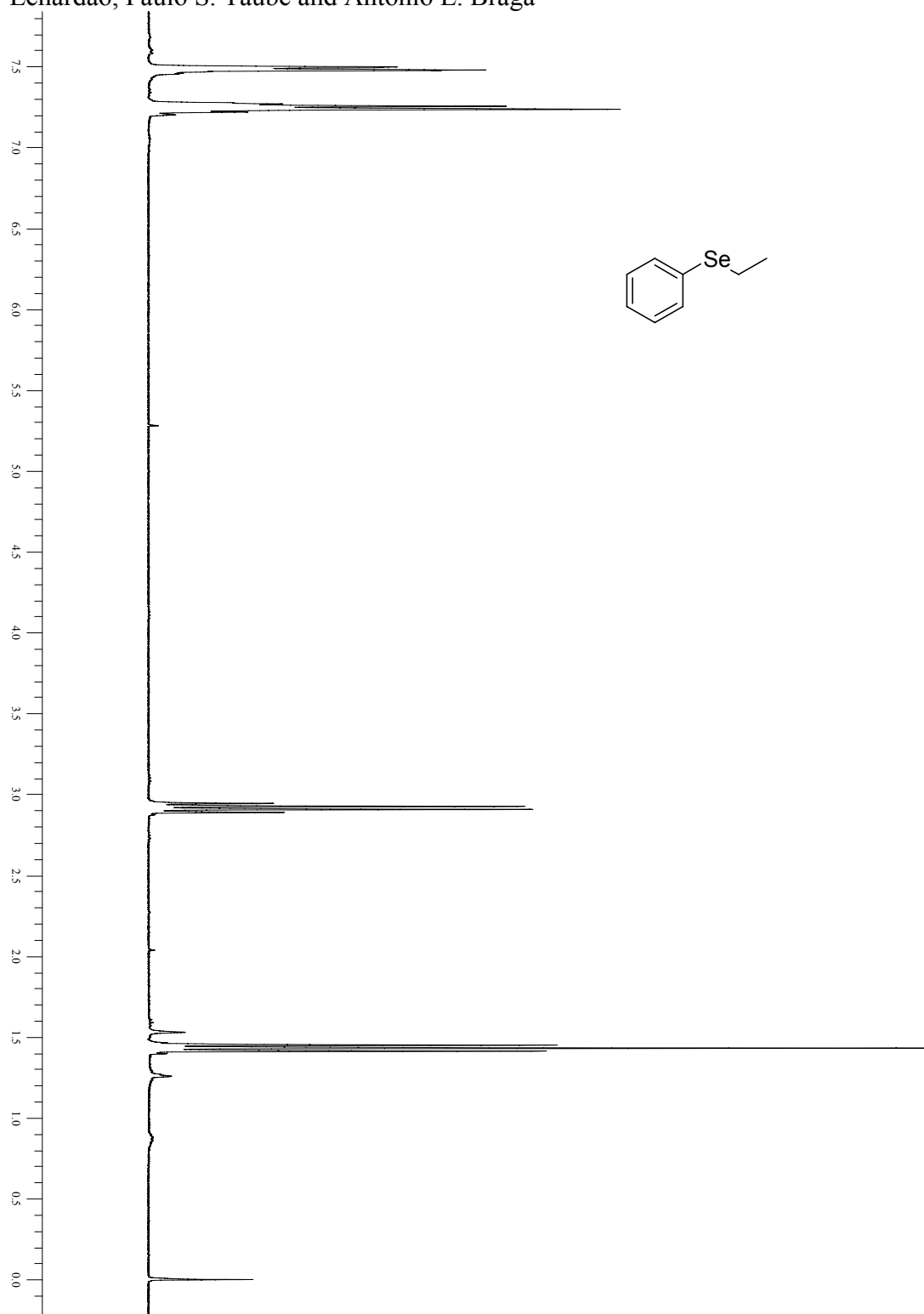


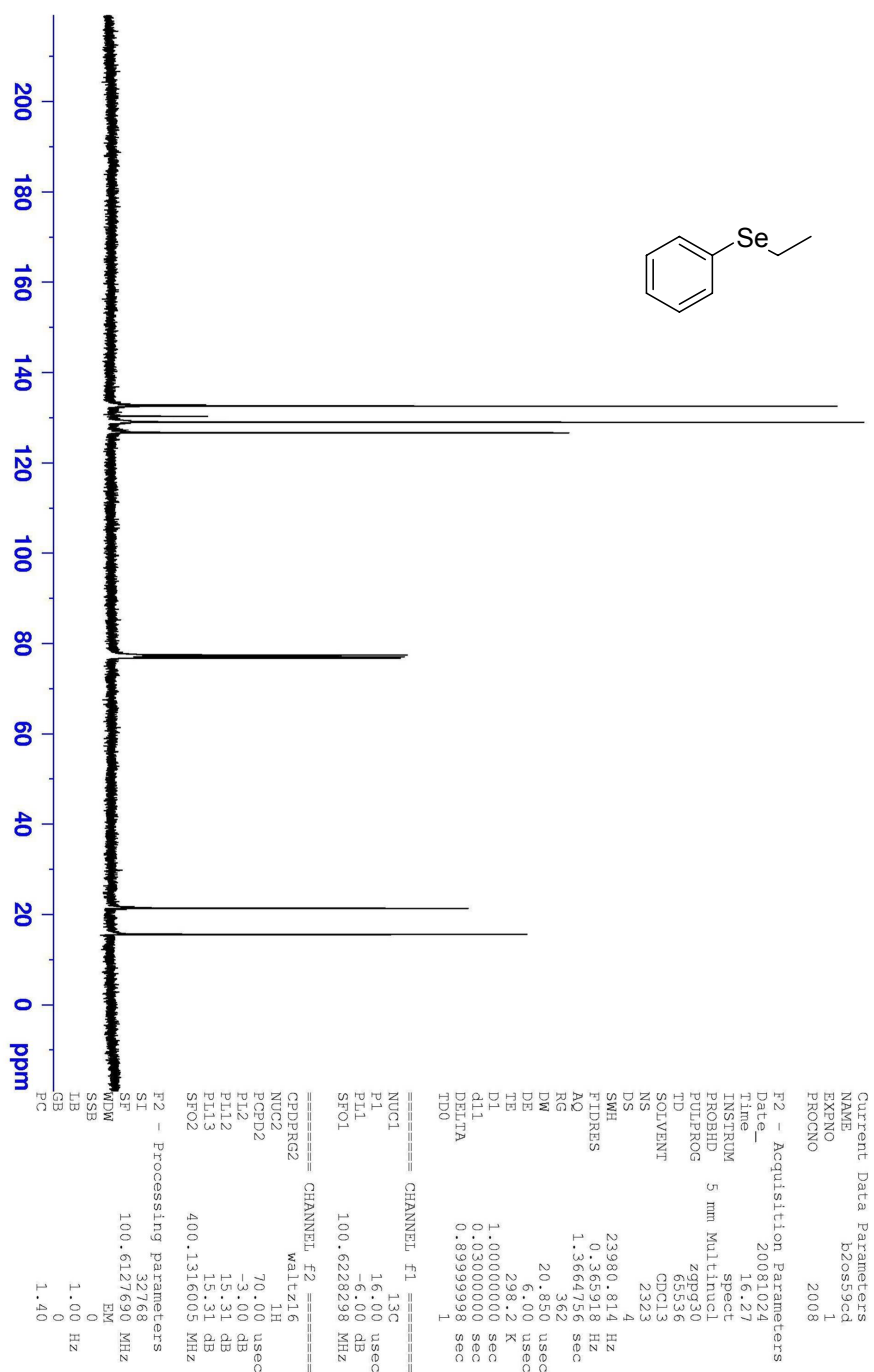
Electronic Supplementary Information

**Ionic Liquid: an Efficient and Recyclable Media for Synthesis of
Unsymmetrical Diorganyl Selenides Promoted by InI**

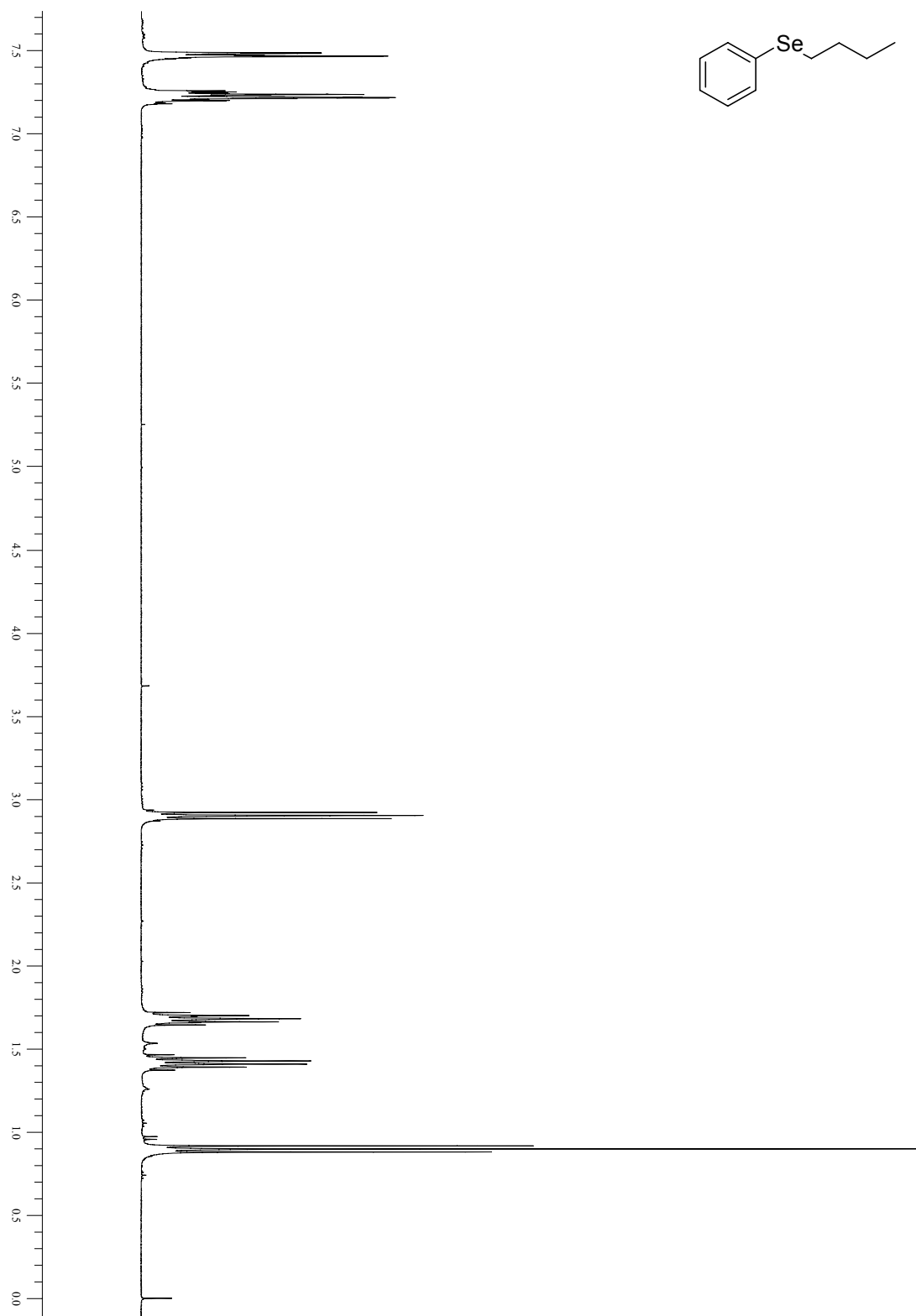
Senthil Narayanaperumal, Eduardo E. Alberto, Fabiano Molinos de Andrade, Eder J. Lenardão, Paulo S. Taube and Antonio L. Braga*



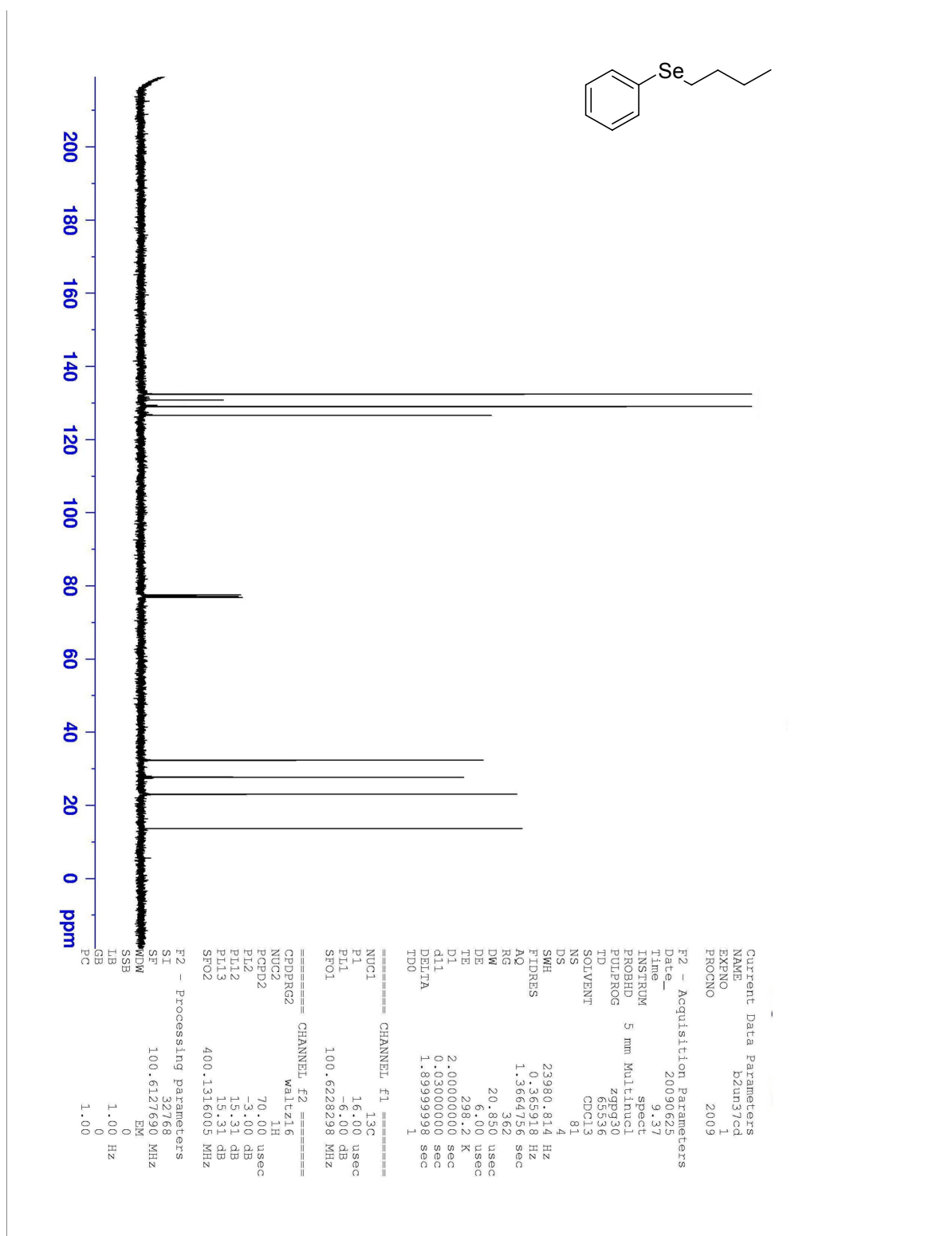
^1H NMR (400 MHz, CDCl_3) spectrum of ethyl phenyl selenide.



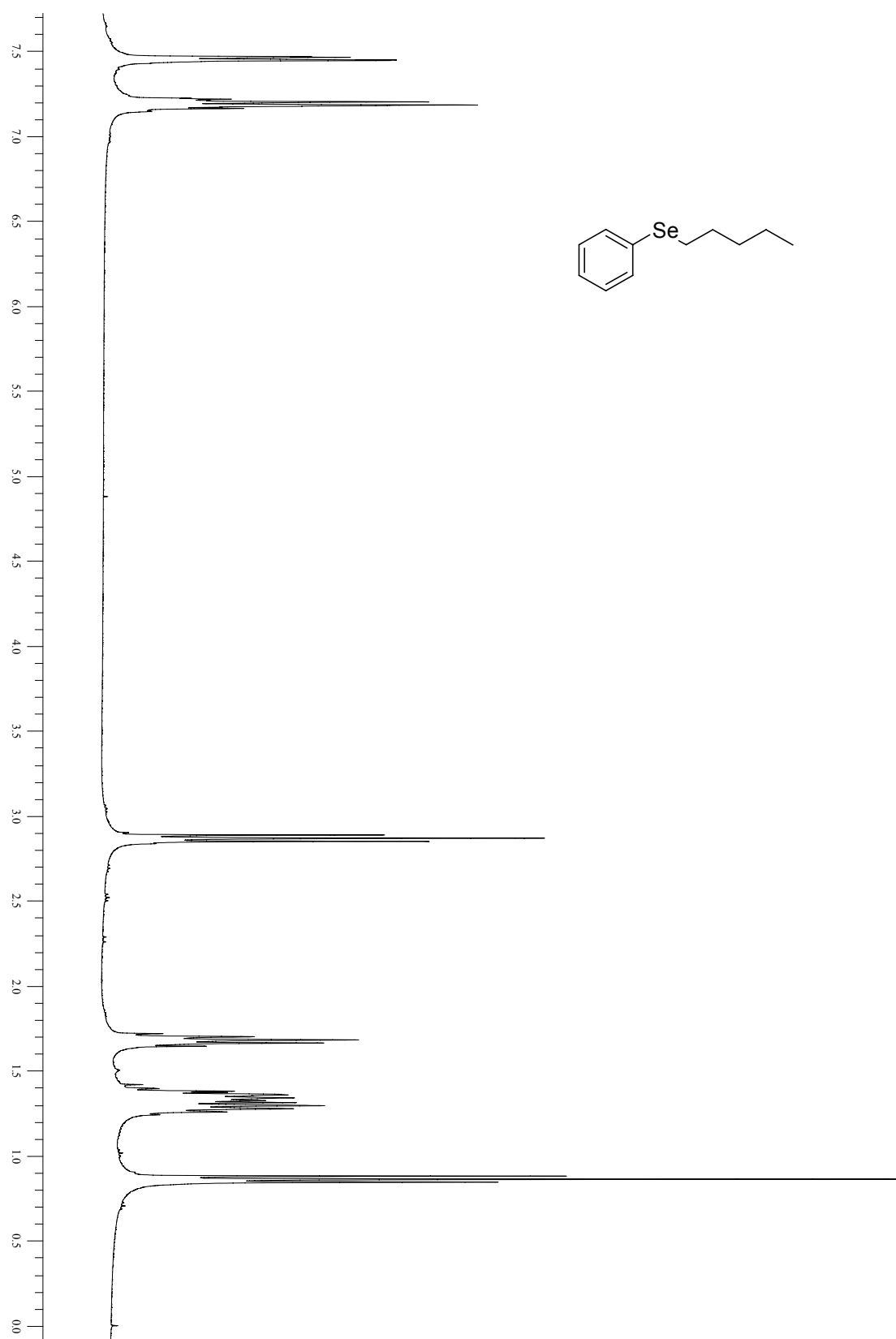
¹³C NMR (100 MHz, CDCl₃) spectrum of ethyl phenyl selenide.

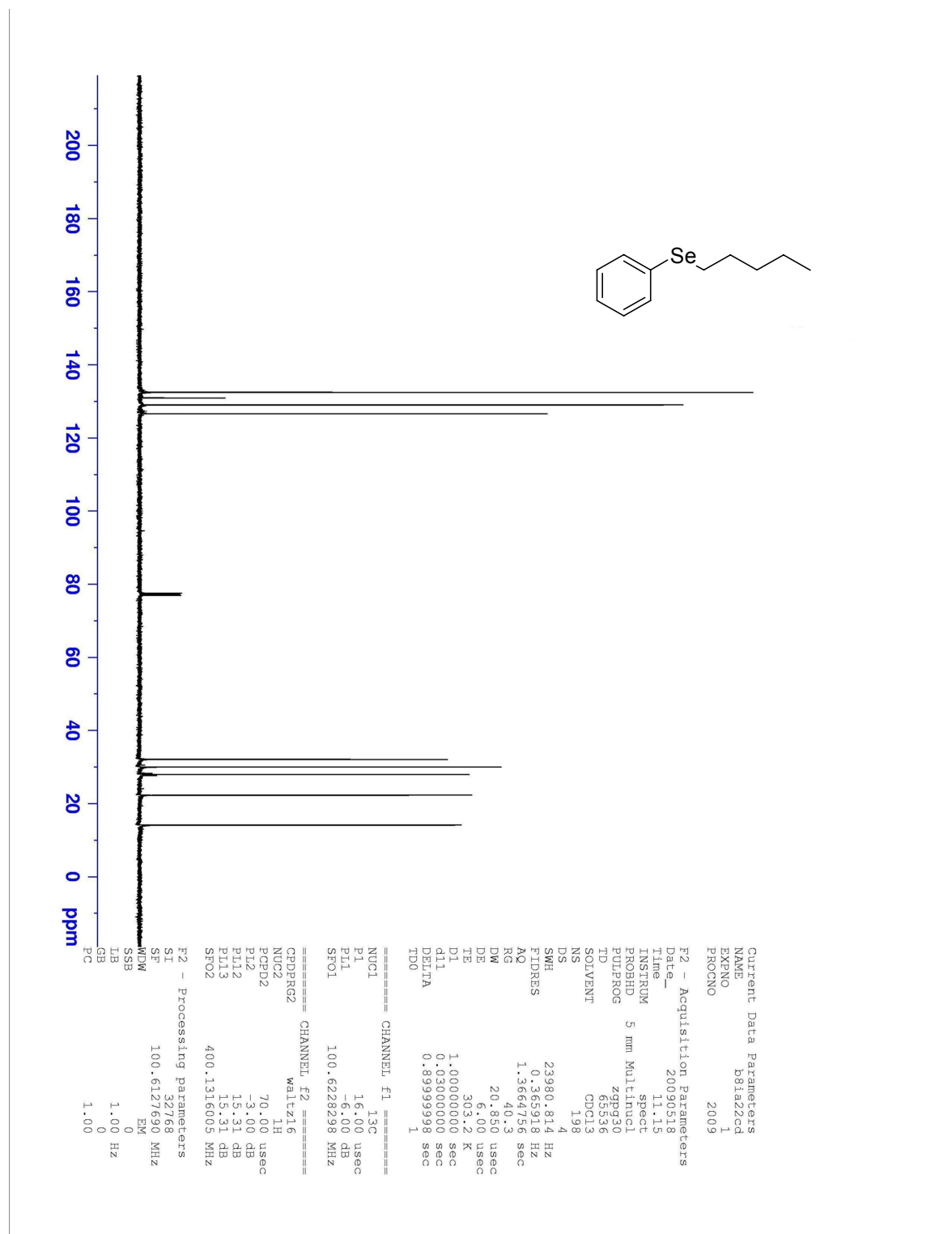


^1H NMR (400 MHz, CDCl_3) spectrum of butyl phenyl selenide.

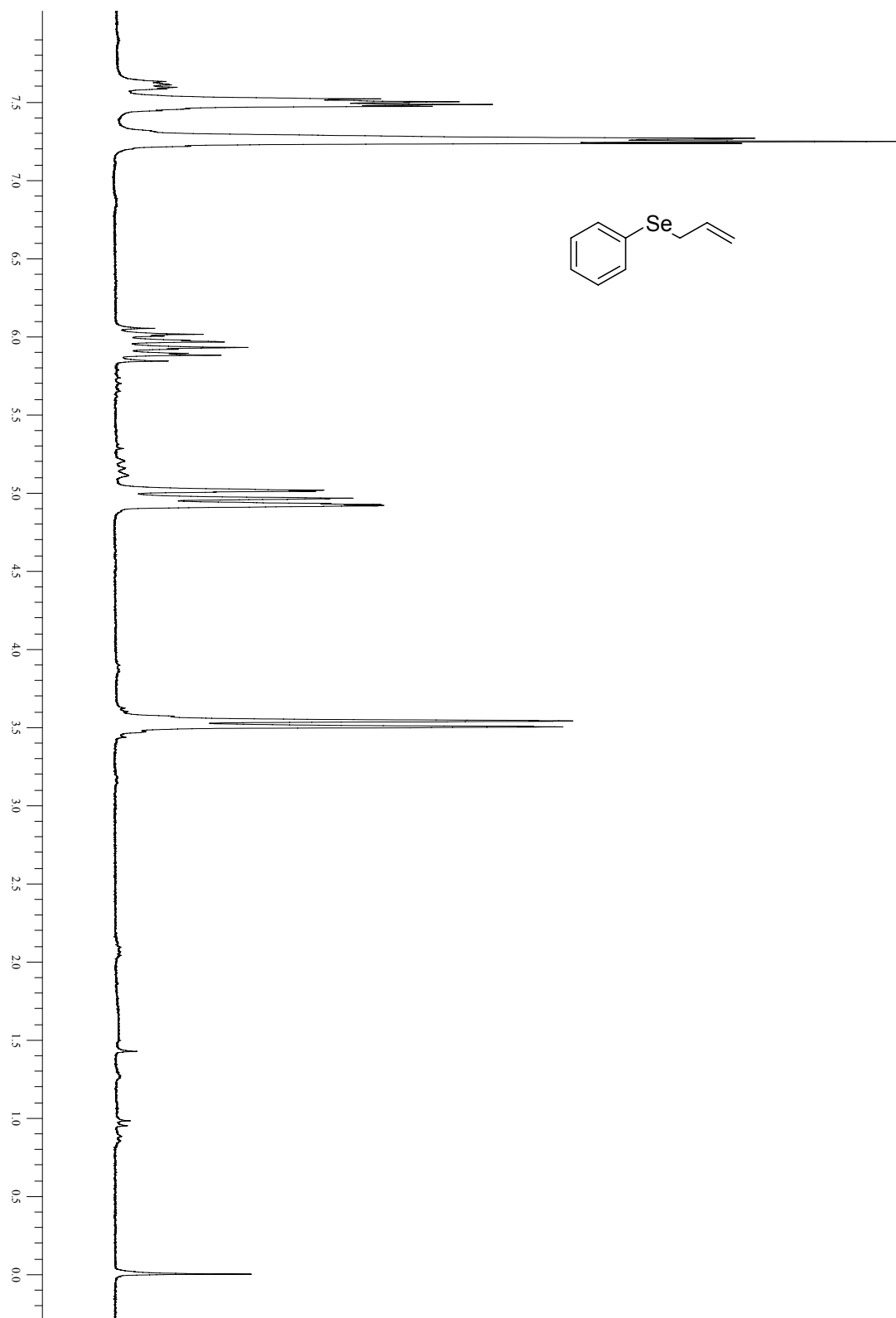


^{13}C NMR (100 MHz, CDCl_3) spectrum of butyl phenyl selenide.

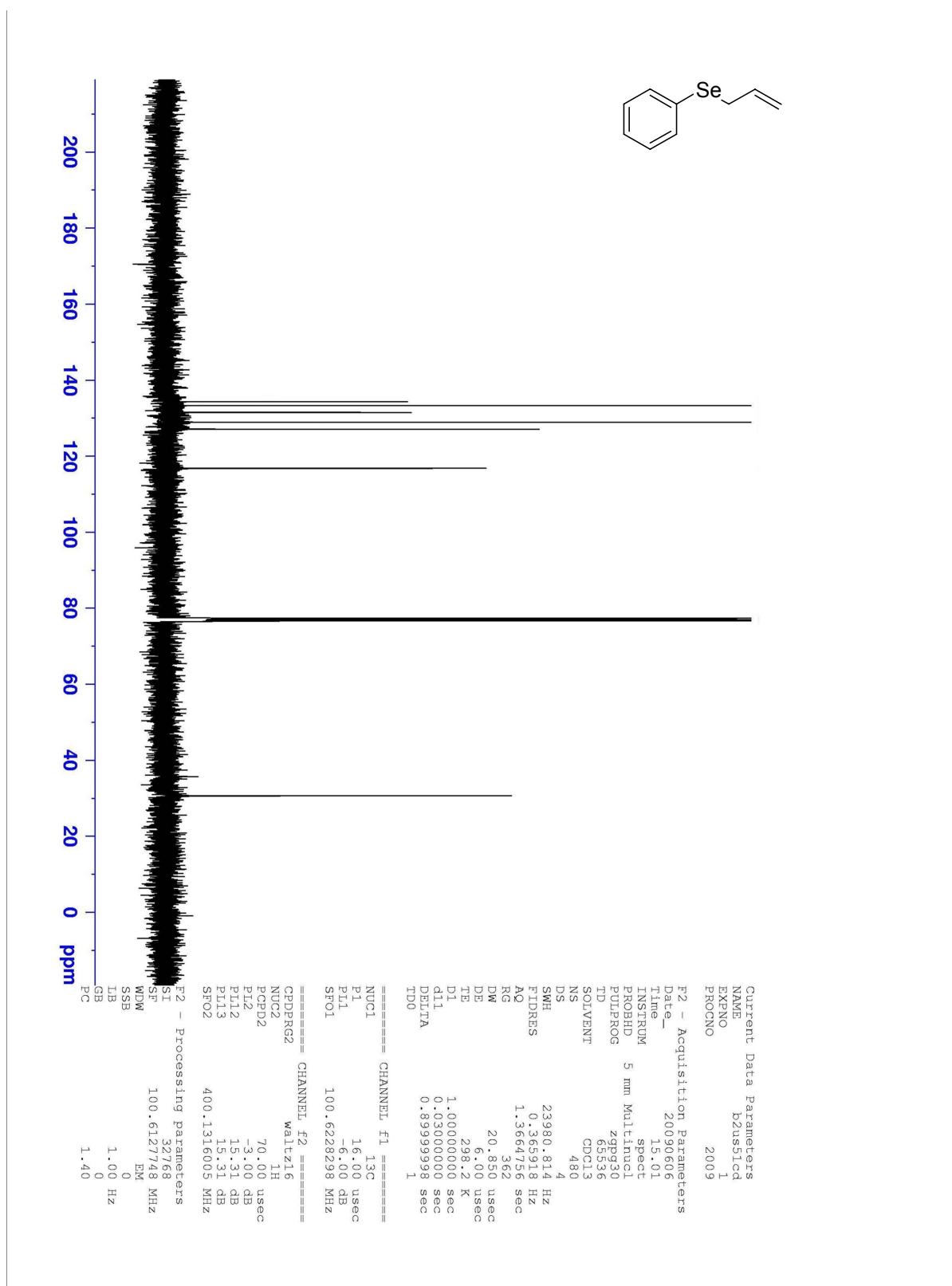




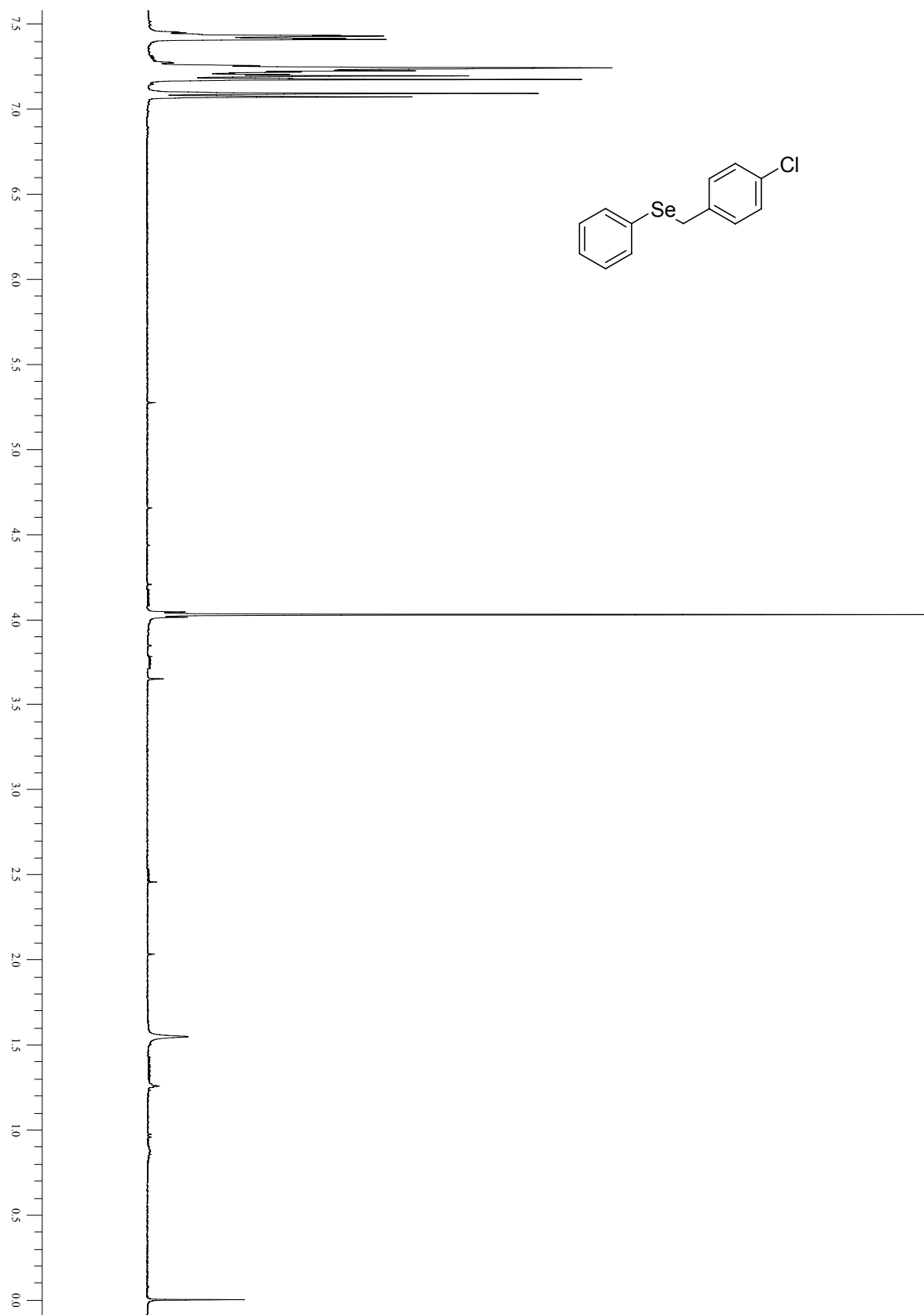
¹³C NMR (100 MHz, CDCl₃) spectrum of pentyl phenyl selenide.



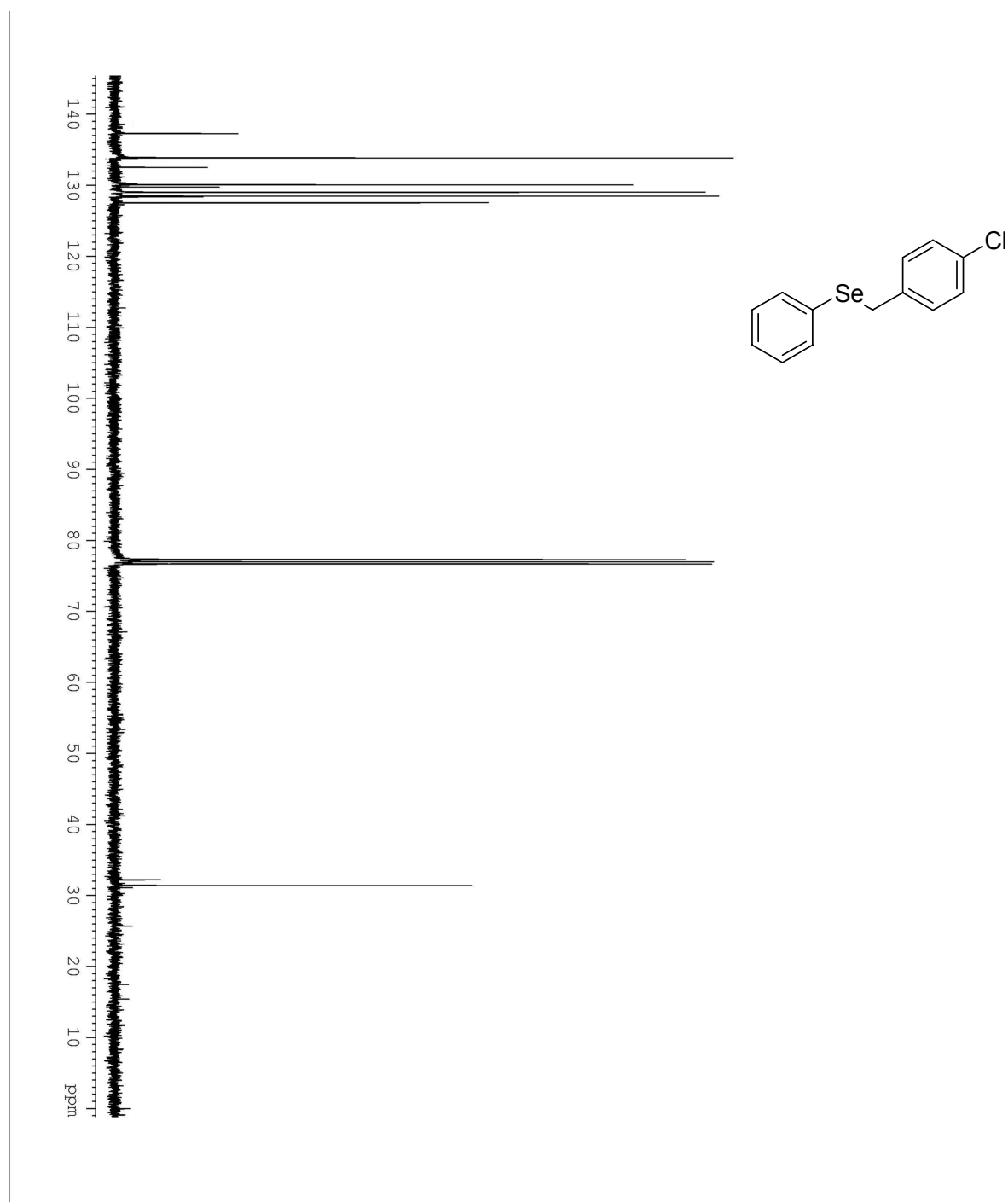
¹H NMR (200 MHz, CDCl₃) spectrum of allyl phenyl selenide.



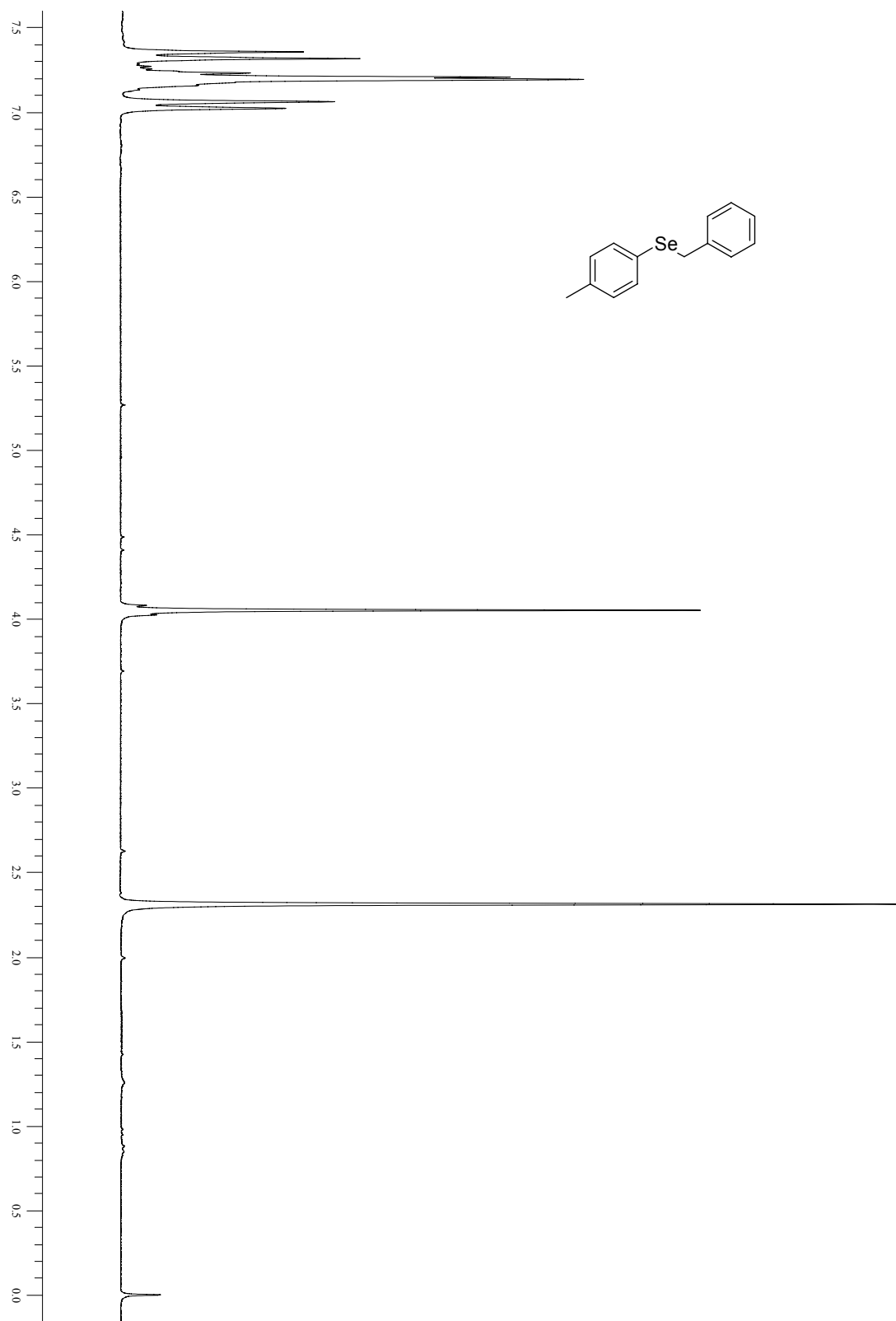
^{13}C NMR (50 MHz, CDCl_3) spectrum of allyl phenyl selenide.



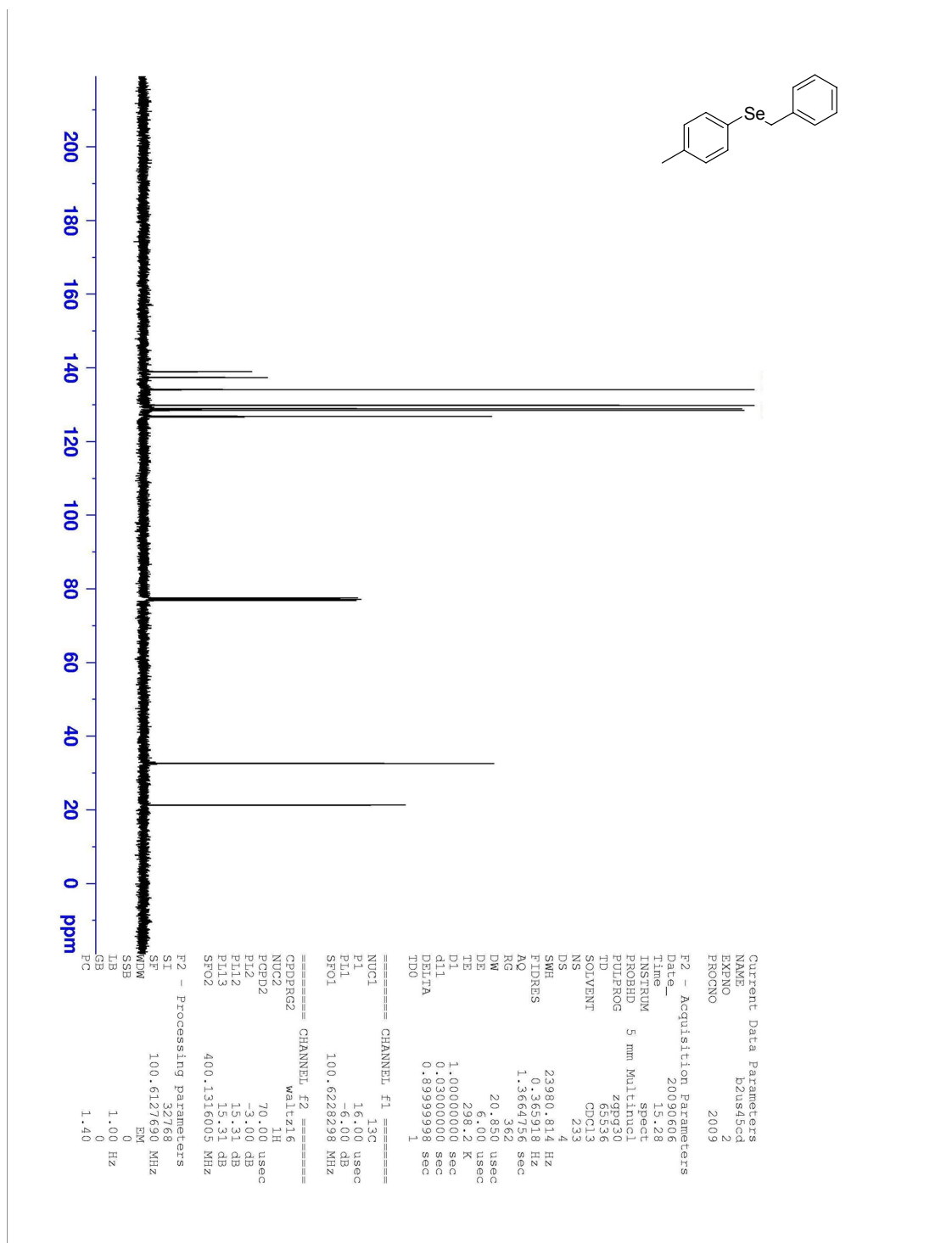
^1H NMR (400 MHz, CDCl_3) spectrum of (4-chlorophenyl) methyl phenyl selenide.



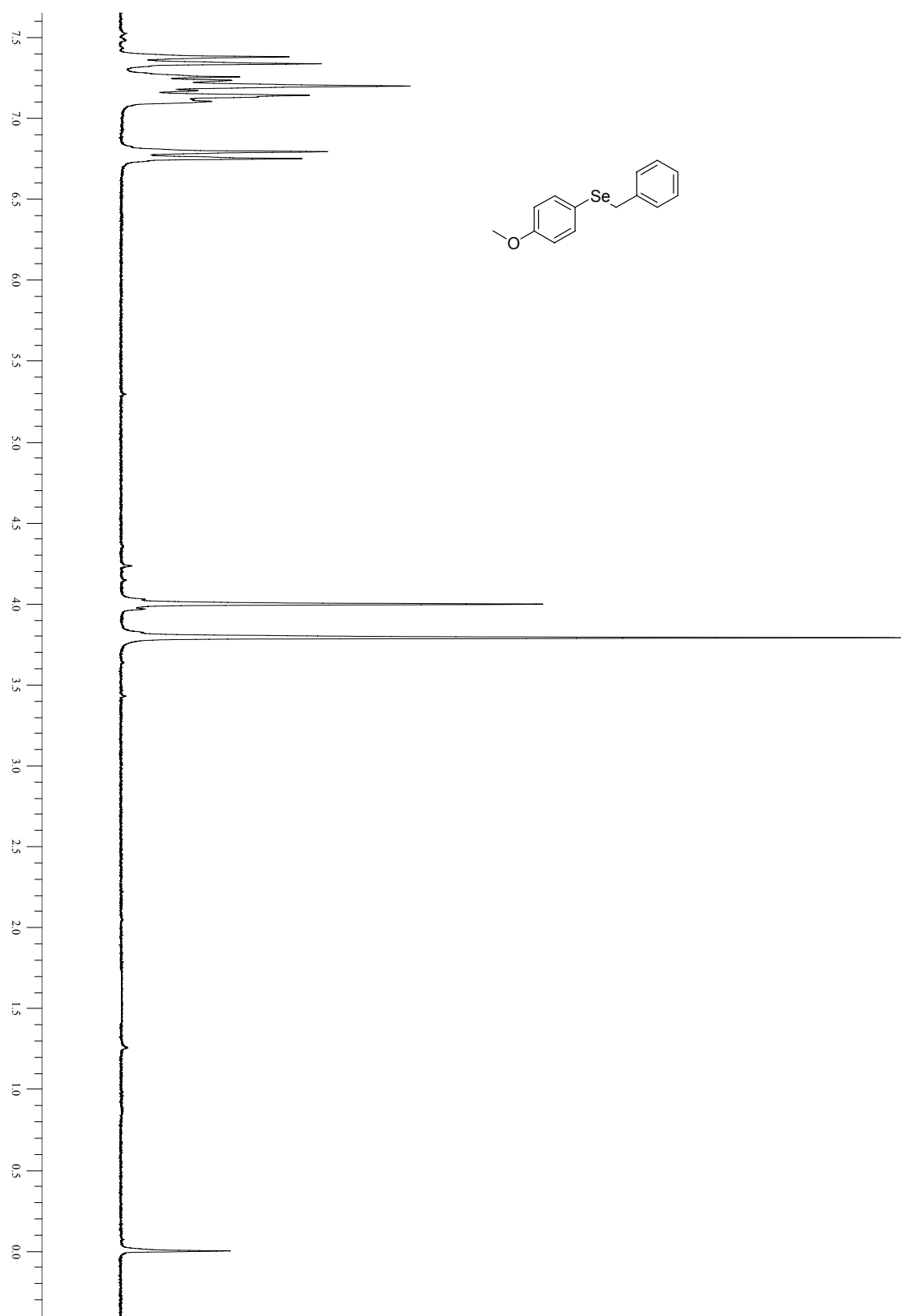
^{13}C NMR (100 MHz, CDCl_3) spectrum of (4-chlorophenyl) methyl phenyl selenide.



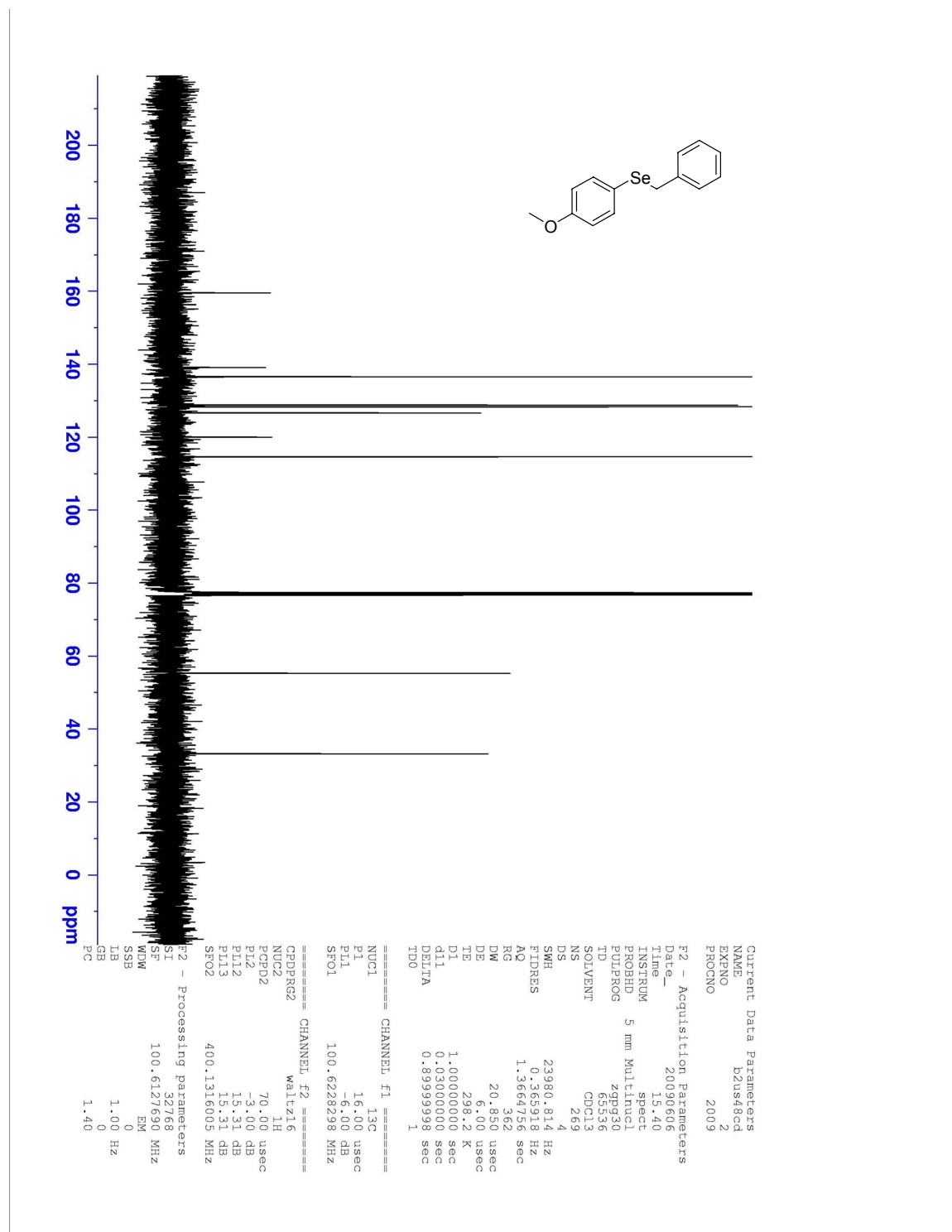
^1H NMR (200 MHz, CDCl_3) spectrum of benzyl 4-tolyl selenide.



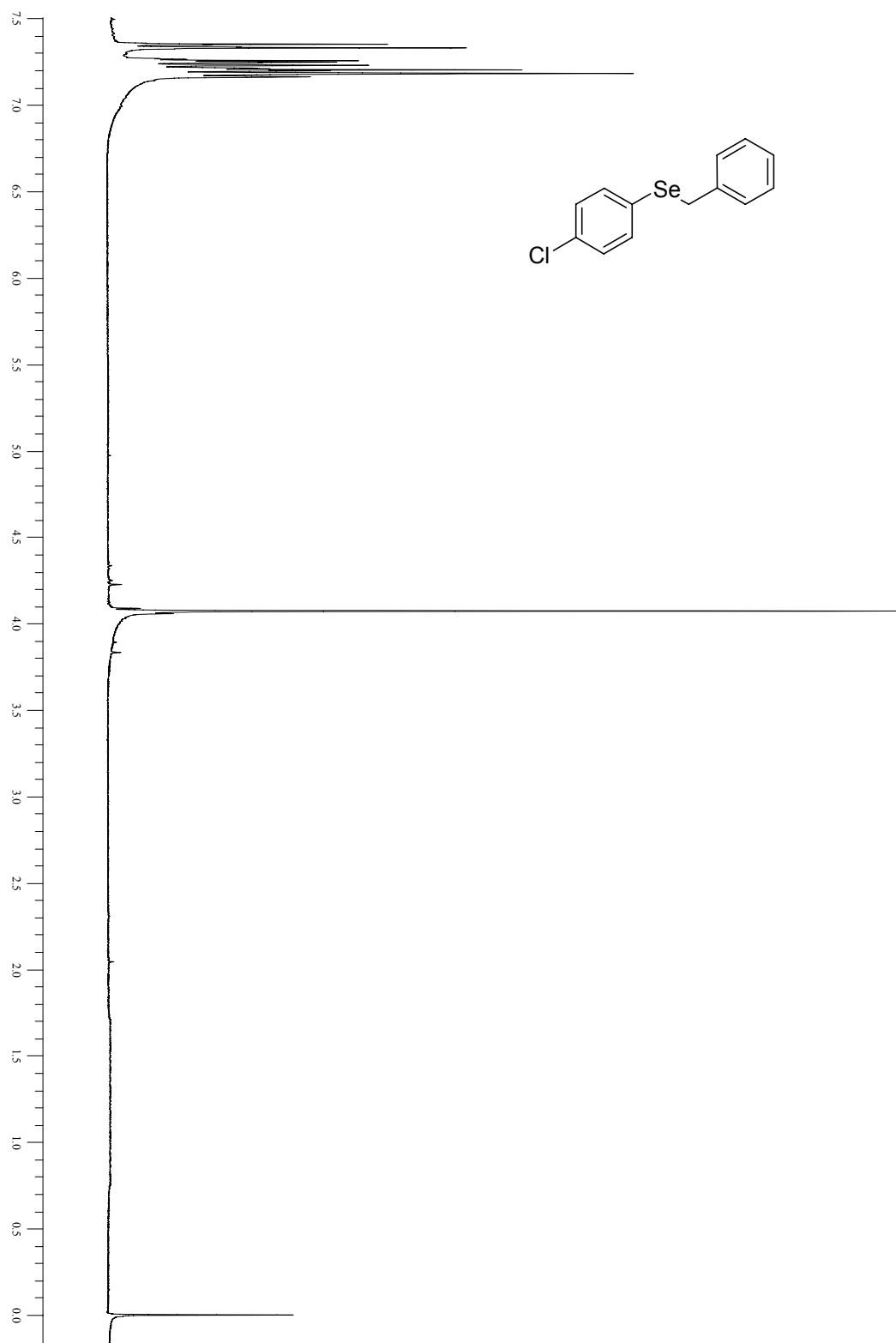
^{13}C NMR (50 MHz, CDCl_3) spectrum of benzyl 4-tolyl selenide.

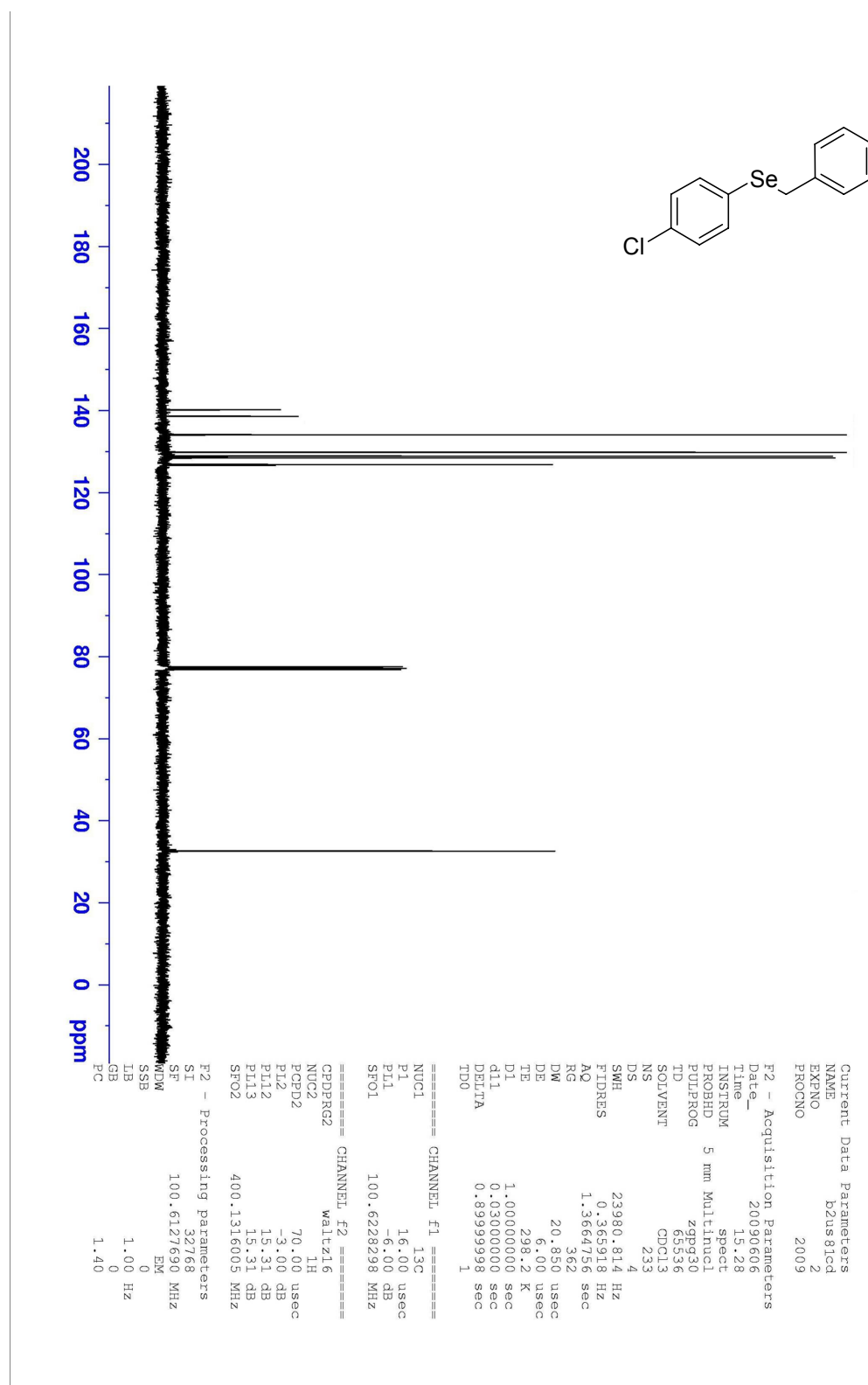


^1H NMR (400 MHz, CDCl_3) spectrum of benzyl 4-methoxyphenyl selenide.

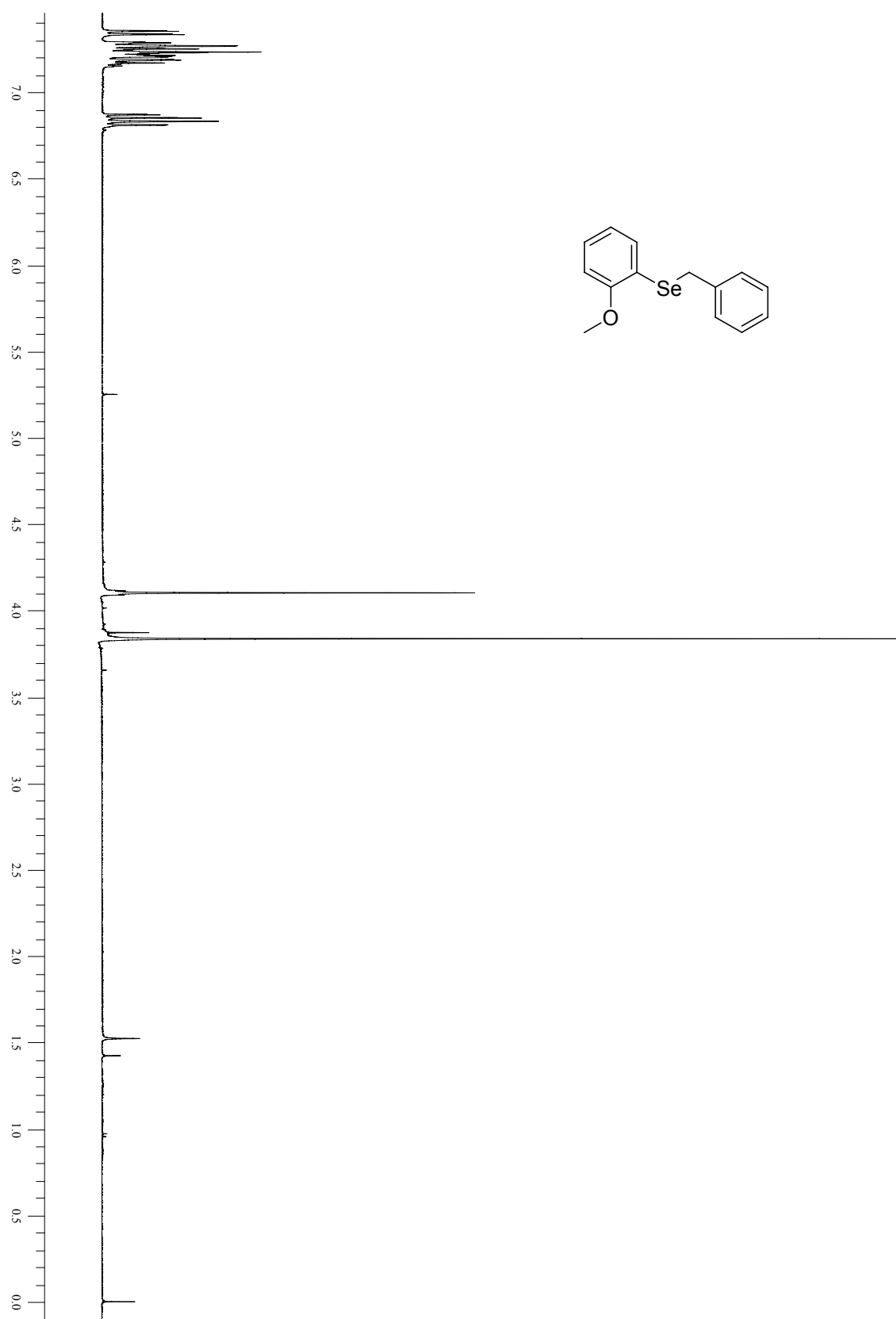


¹³C NMR (100 MHz, CDCl₃) spectrum of benzyl 4-methoxyphenyl selenide.

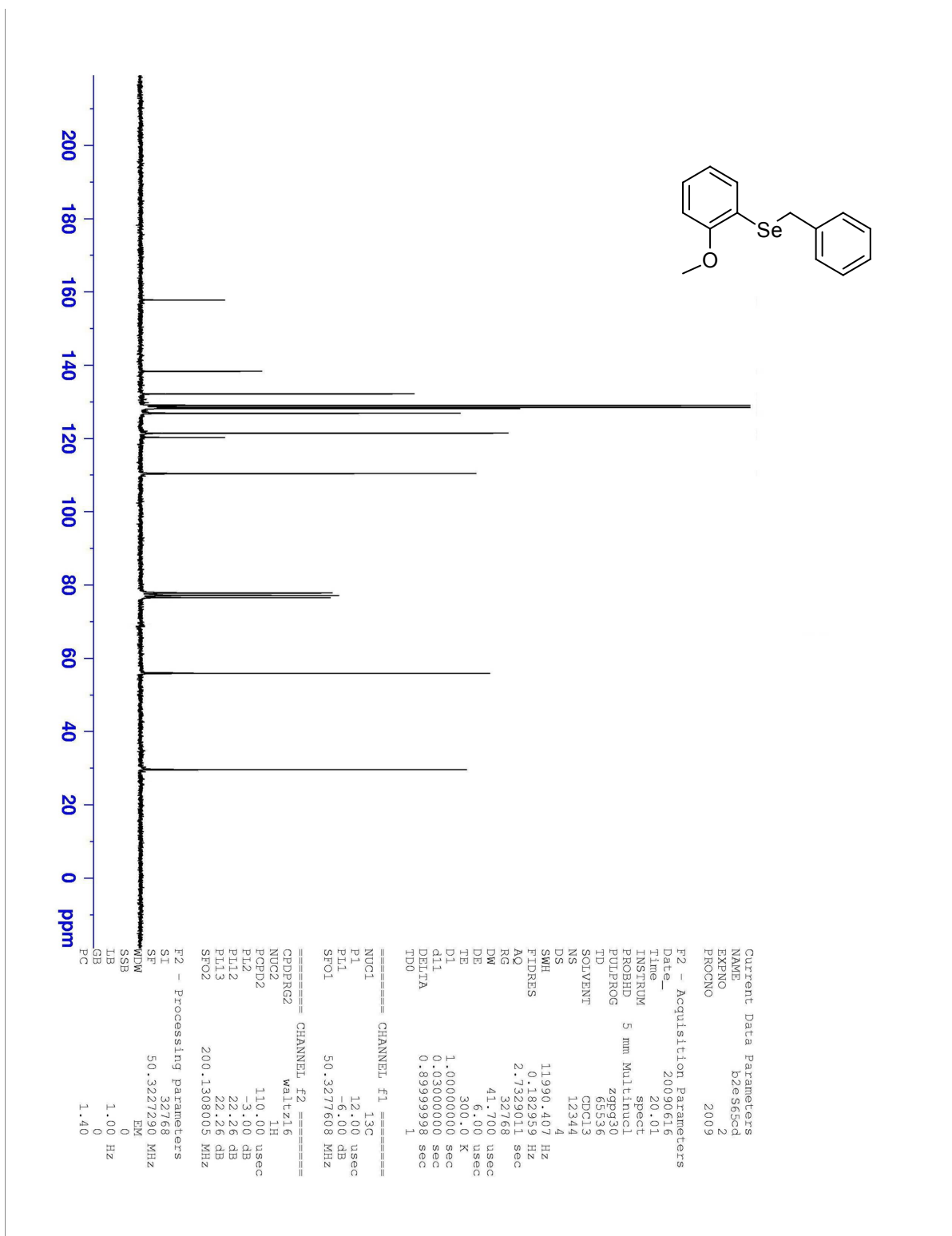




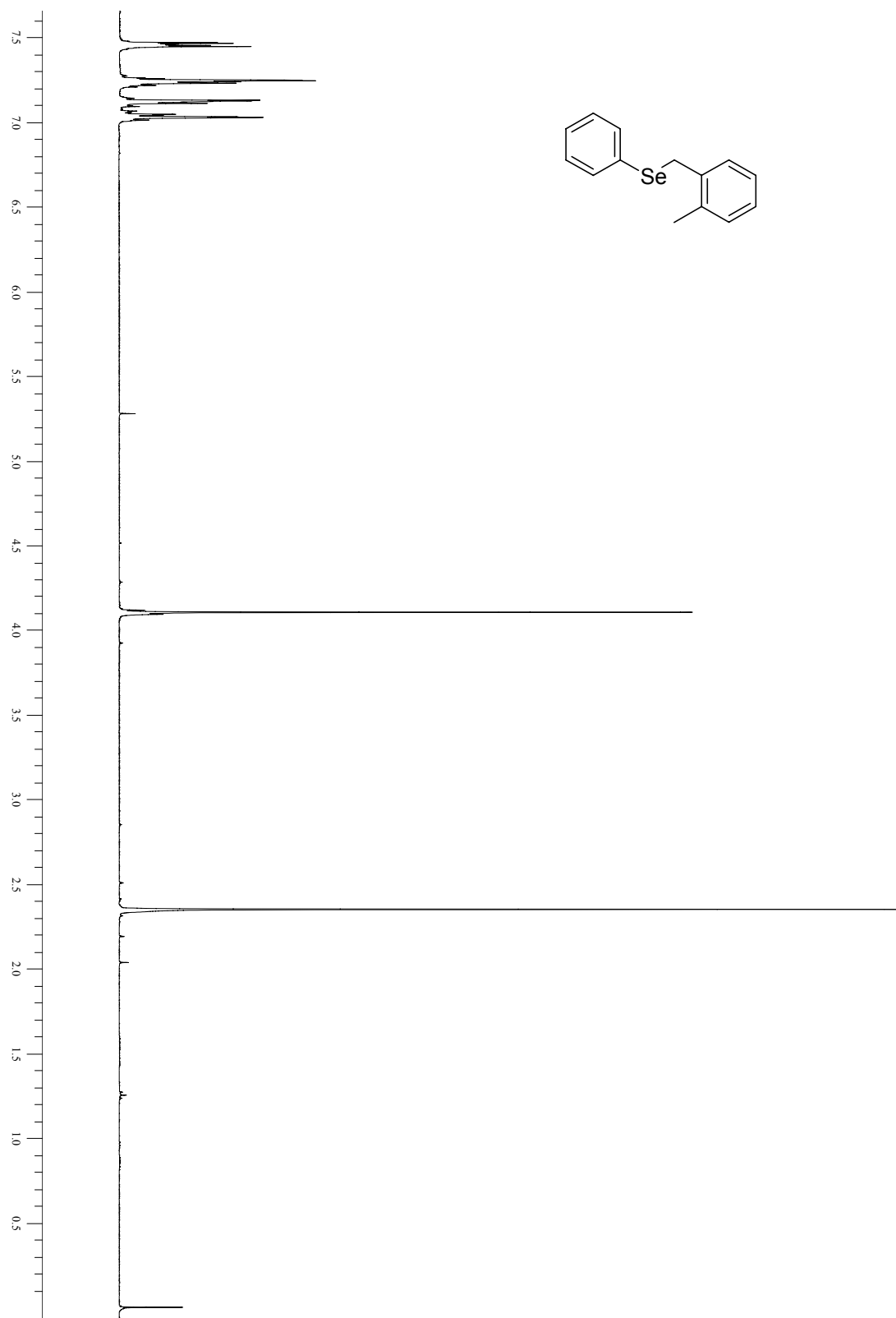
¹³C NMR (100 MHz, CDCl₃) spectrum of benzyl (4-chlorophenyl) selenide.



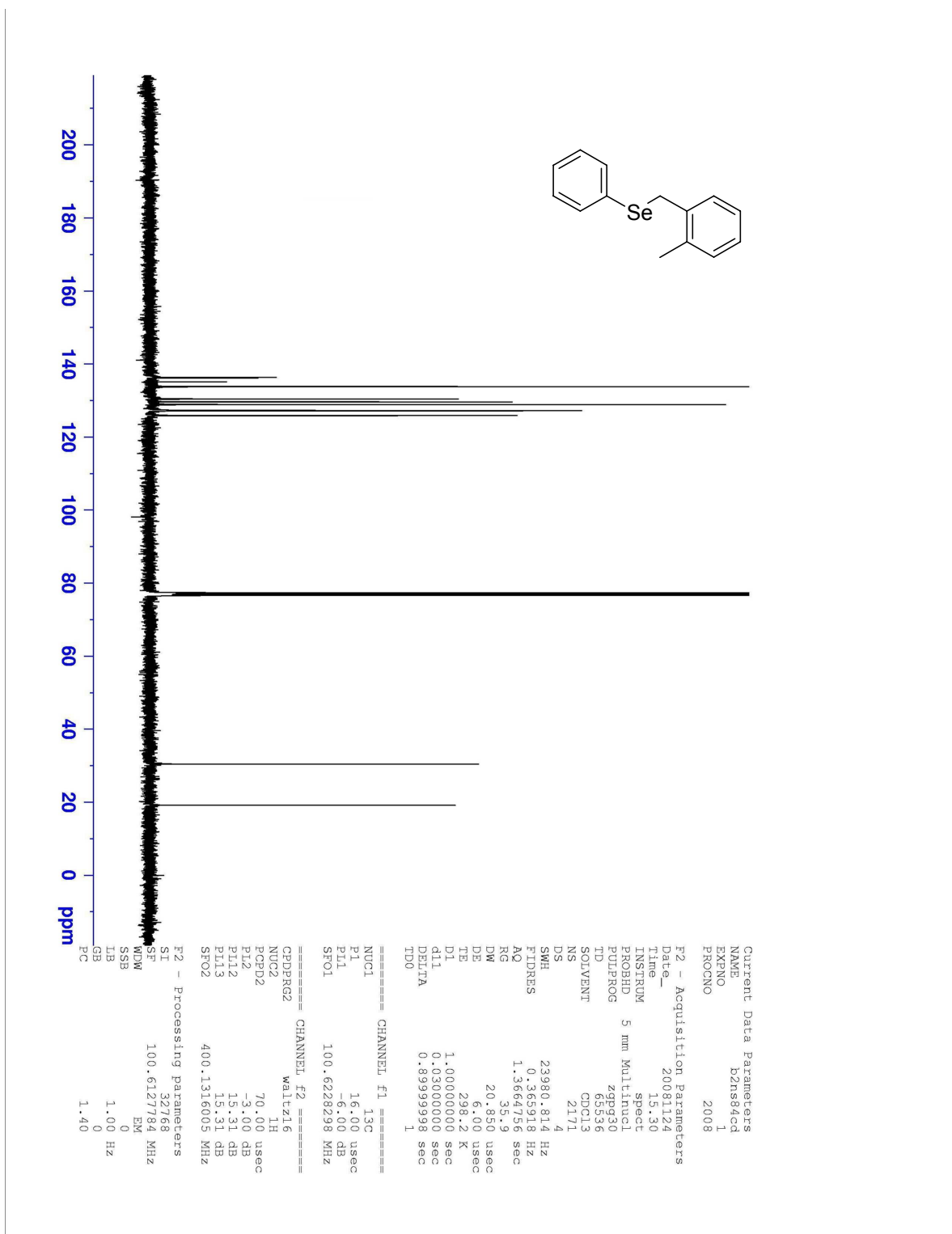
^1H NMR (200 MHz, CDCl_3) spectrum of benzyl 2-methoxy phenyl selenide.



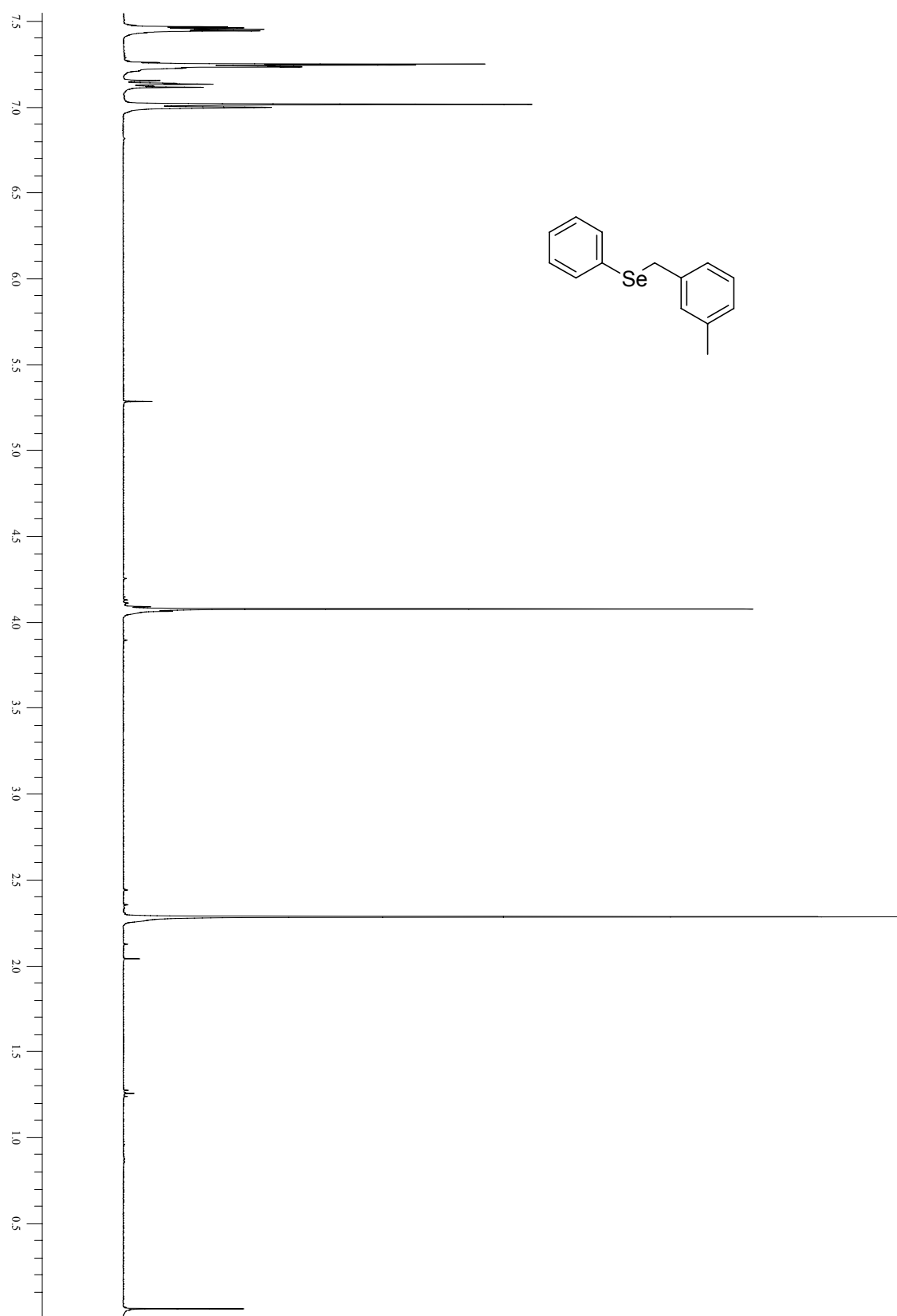
¹³C NMR (50 MHz, CDCl₃) spectrum of benzyl 2-methoxyphenyl selenide.



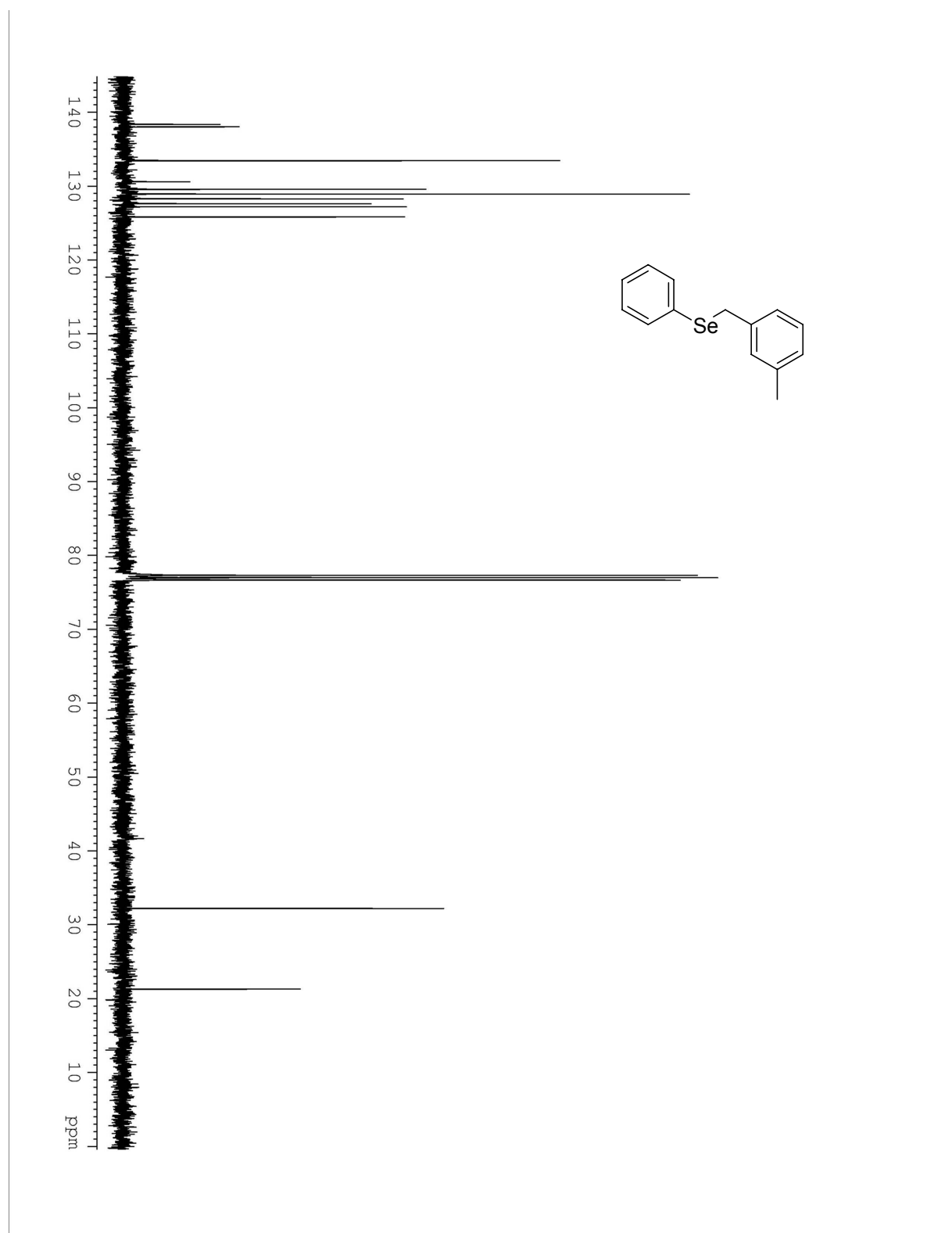
^1H NMR (400 MHz, CDCl_3) spectrum of 2-[(phenylseleno) methyl] toluene.



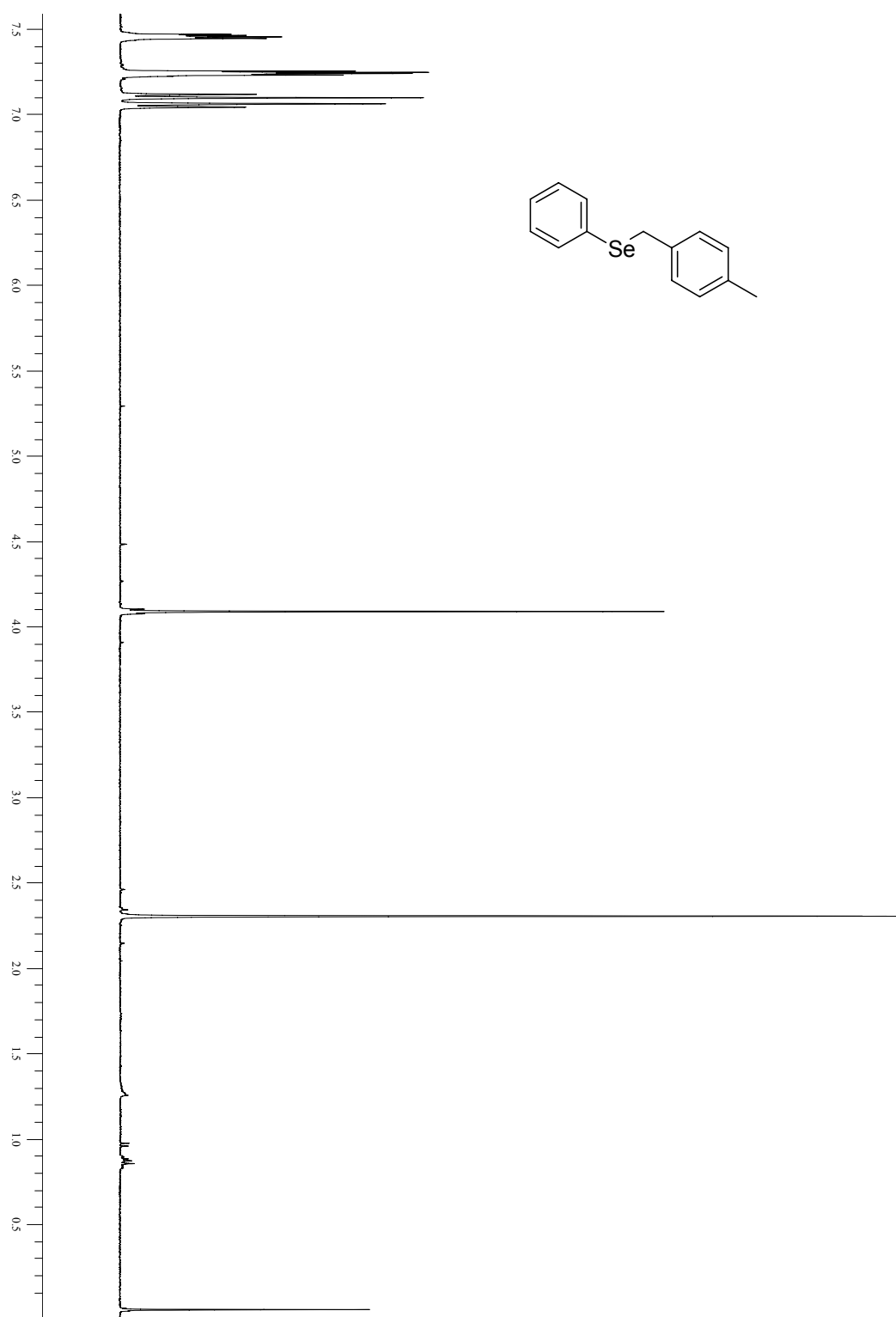
^{13}C NMR (100 MHz, CDCl_3) spectrum of 2-[(phenylseleno) methyl] toluene.



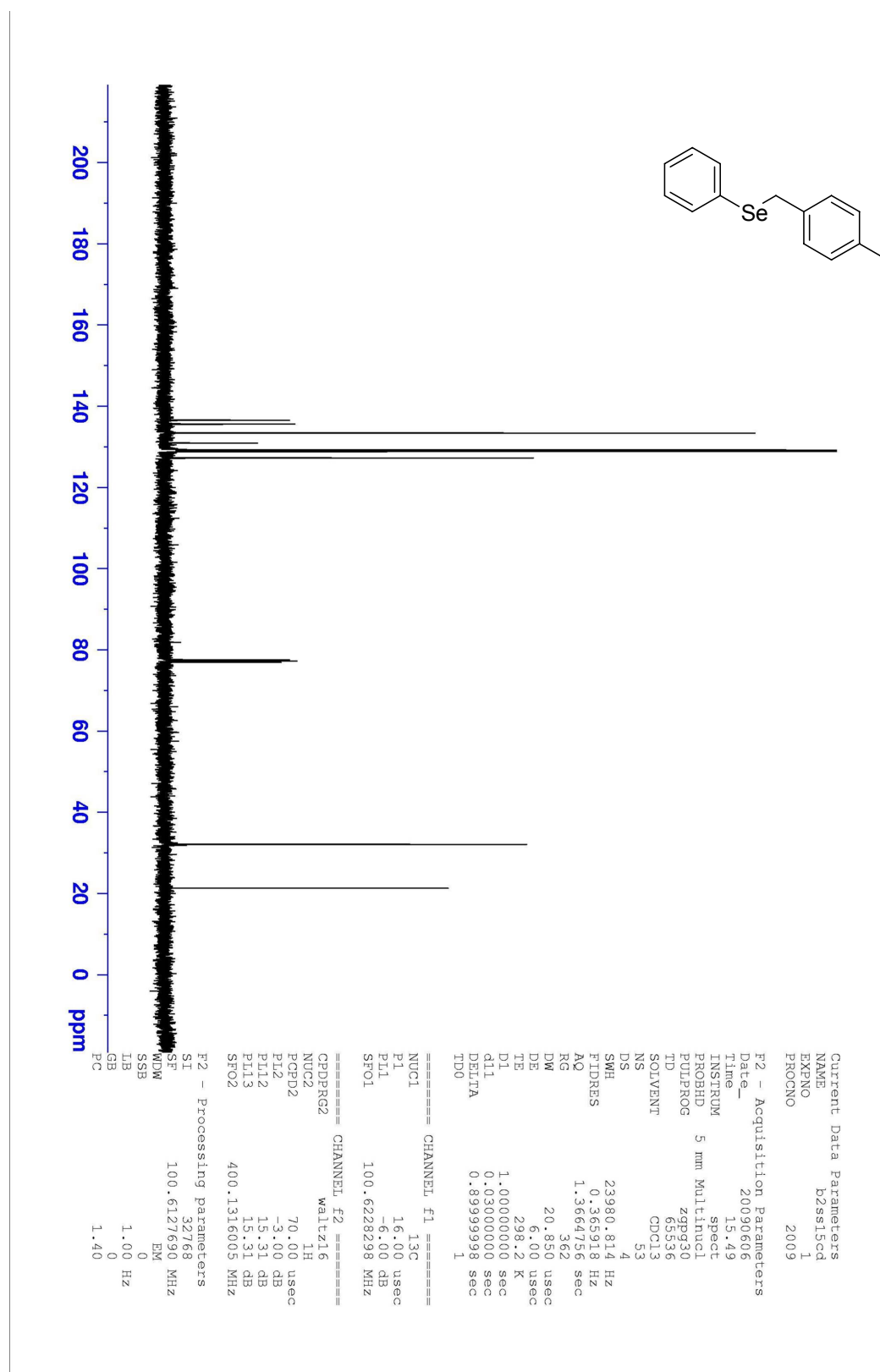
^1H NMR (400 MHz, CDCl_3) spectrum of 3-[(phenylseleno) methyl] toluene.



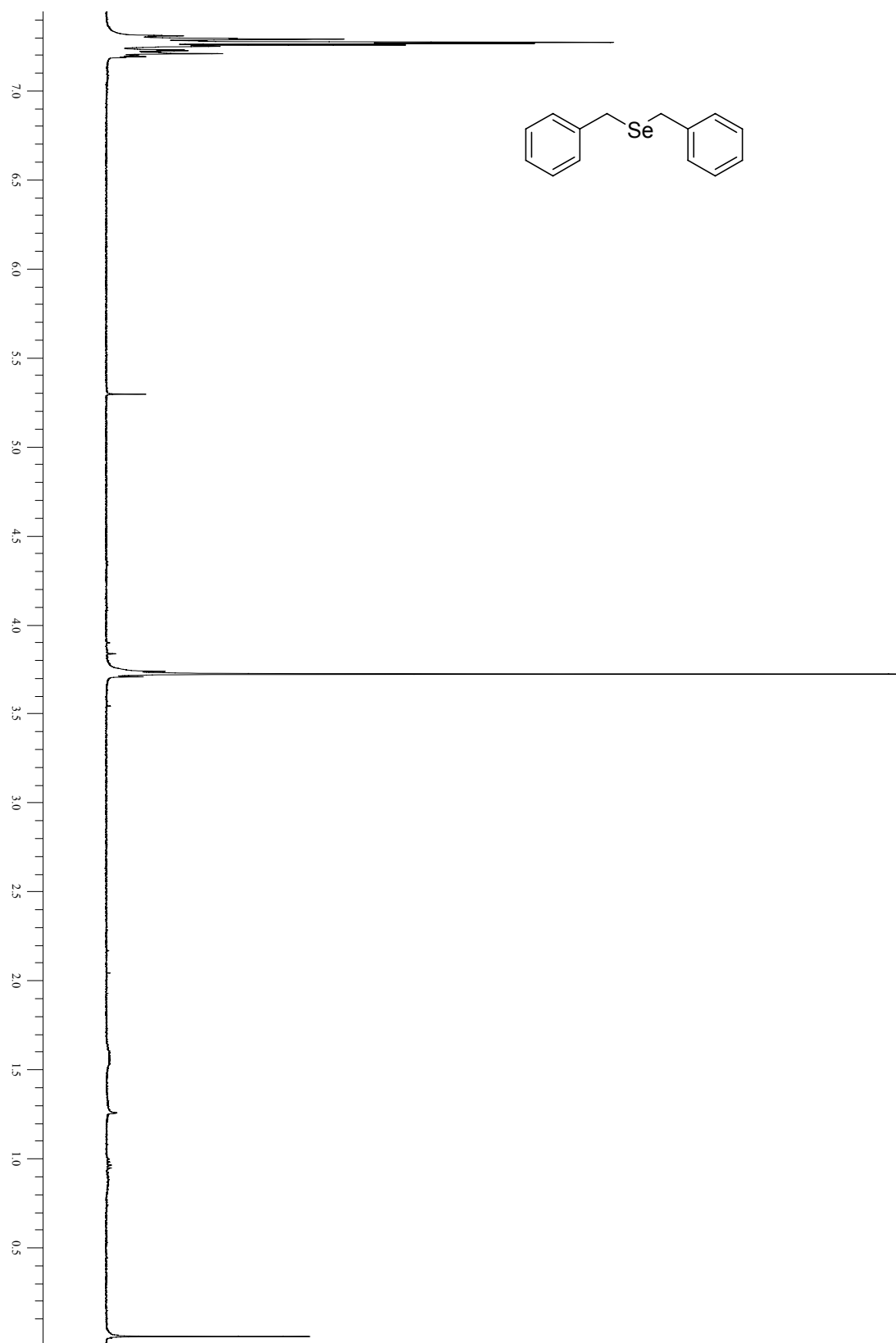
^{13}C NMR (100 MHz, CDCl_3) spectrum of 3-[(phenylseleno) methyl] toluene.



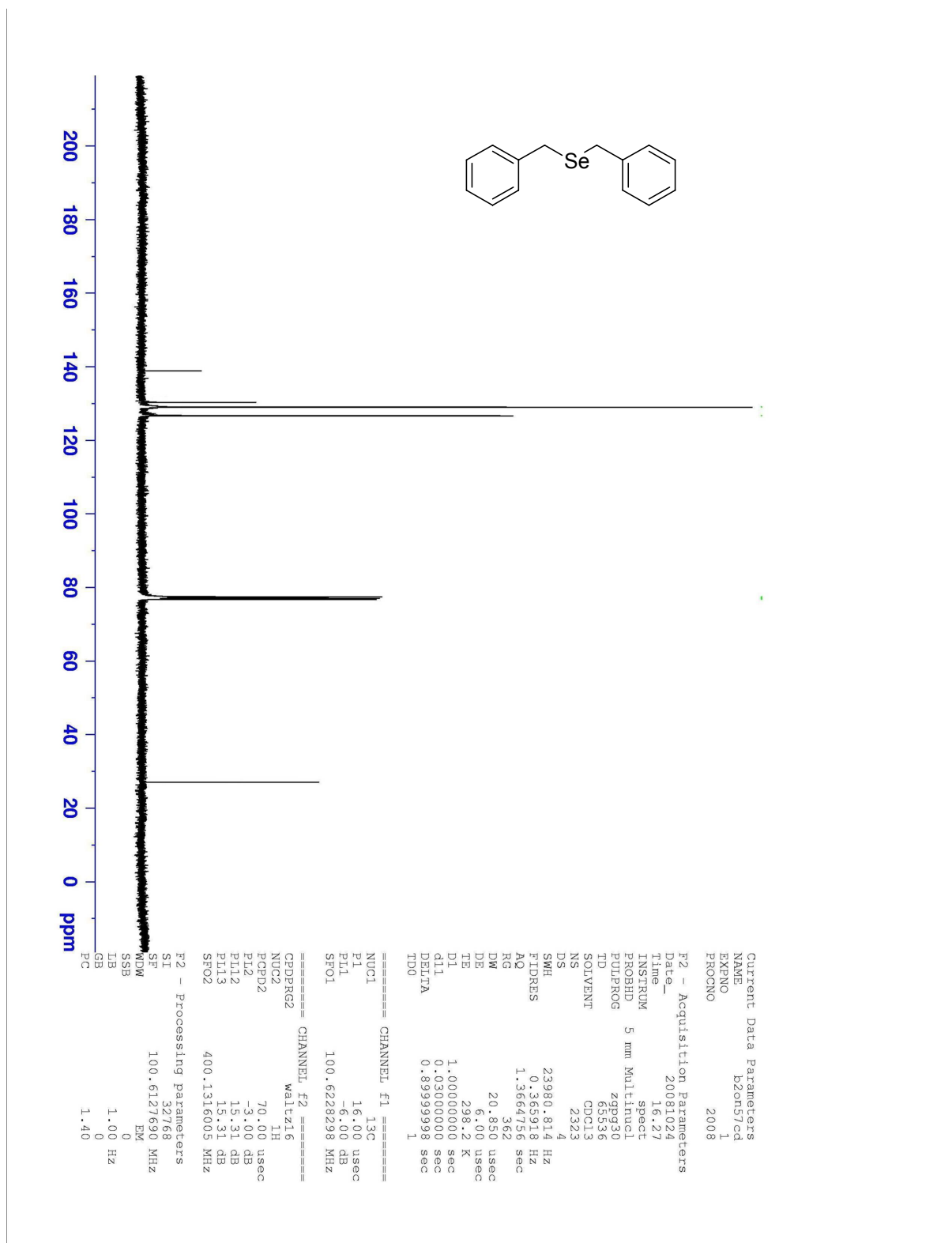
^1H NMR (400 MHz, CDCl_3) spectrum of 4-[(phenylseleno) methyl] toluene.



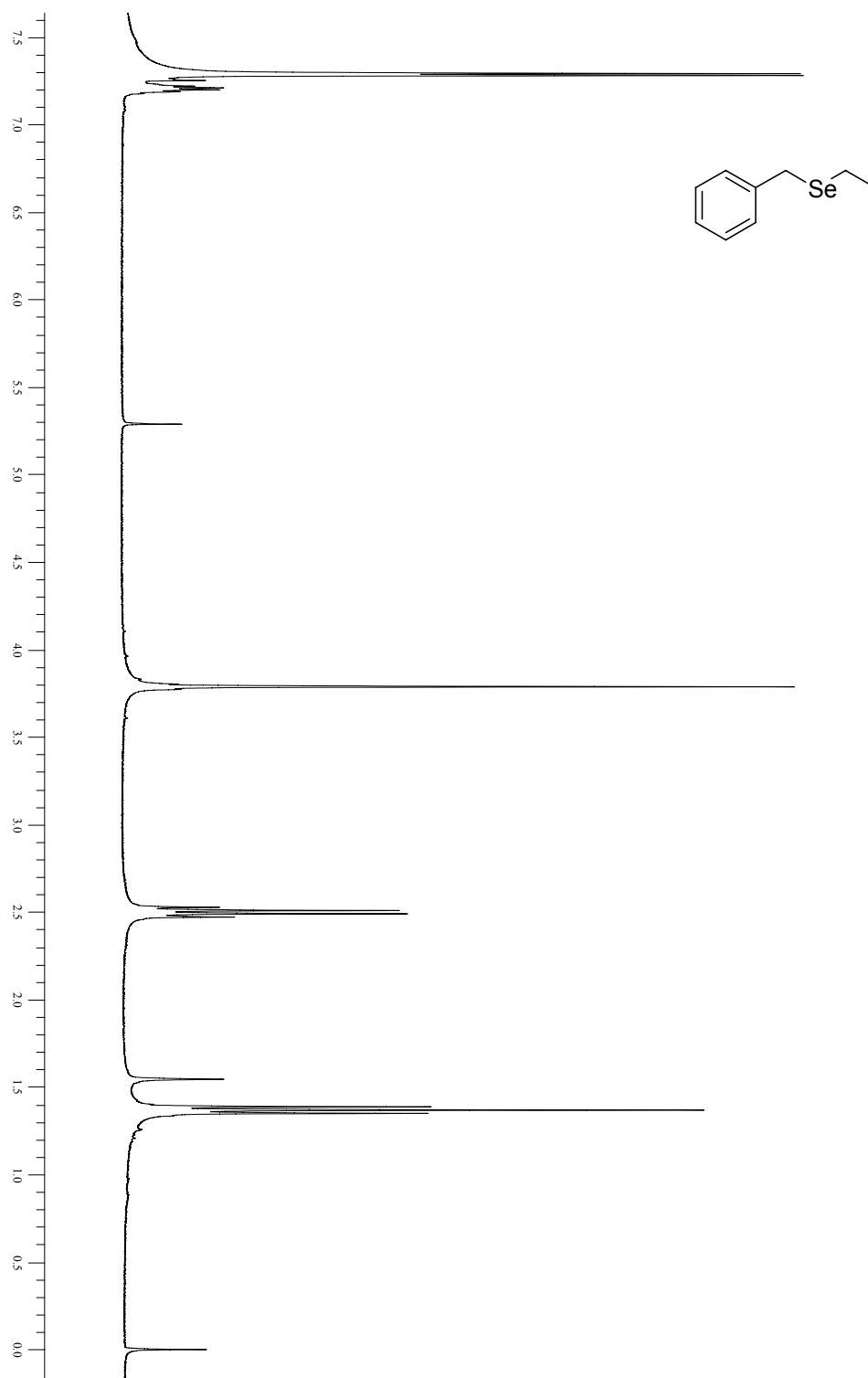
^{13}C NMR (100 MHz, CDCl_3) spectrum of 4-[(phenylseleno) methyl] toluene.



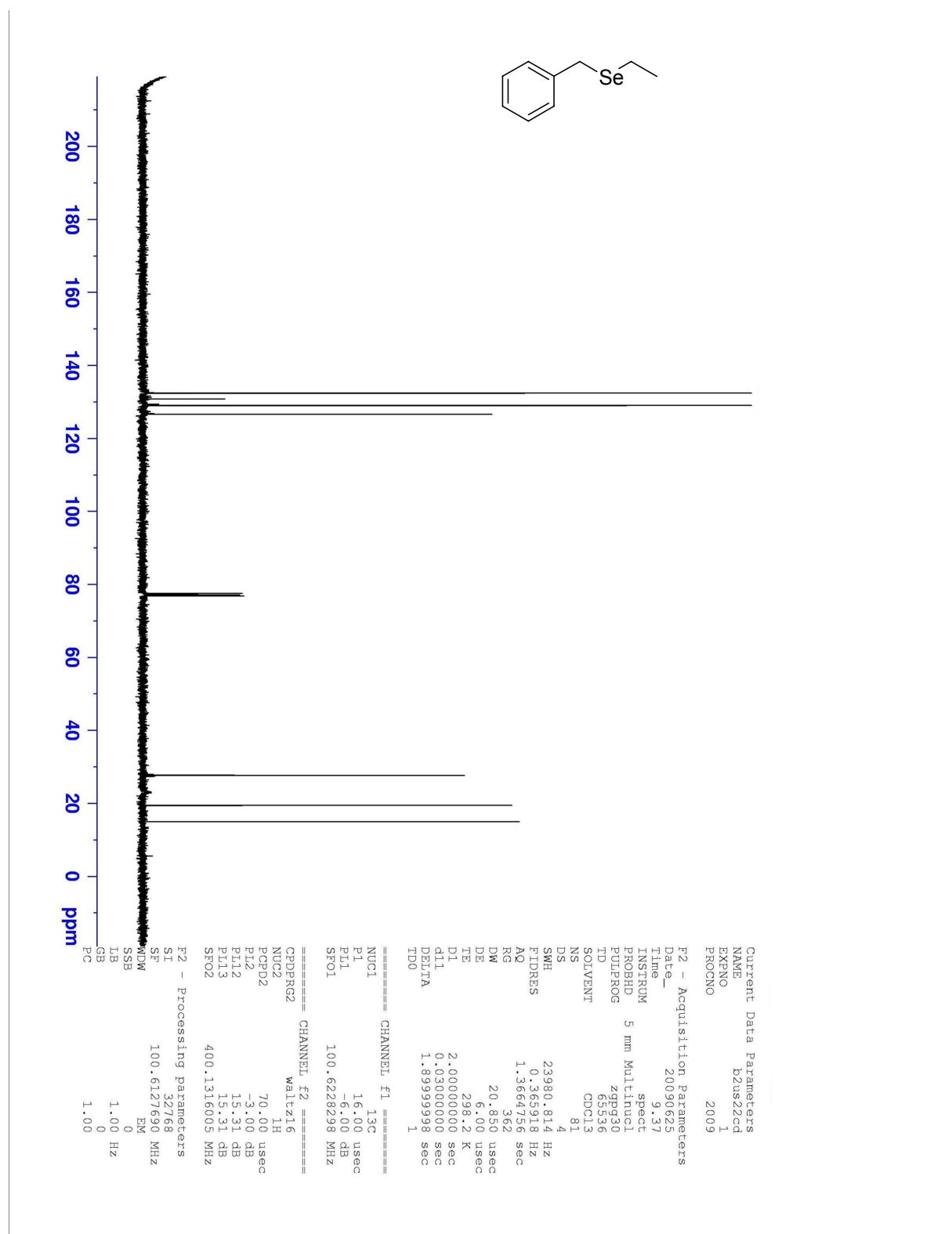
^1H NMR (400 MHz, CDCl_3) spectrum of dibenzyl selenide.



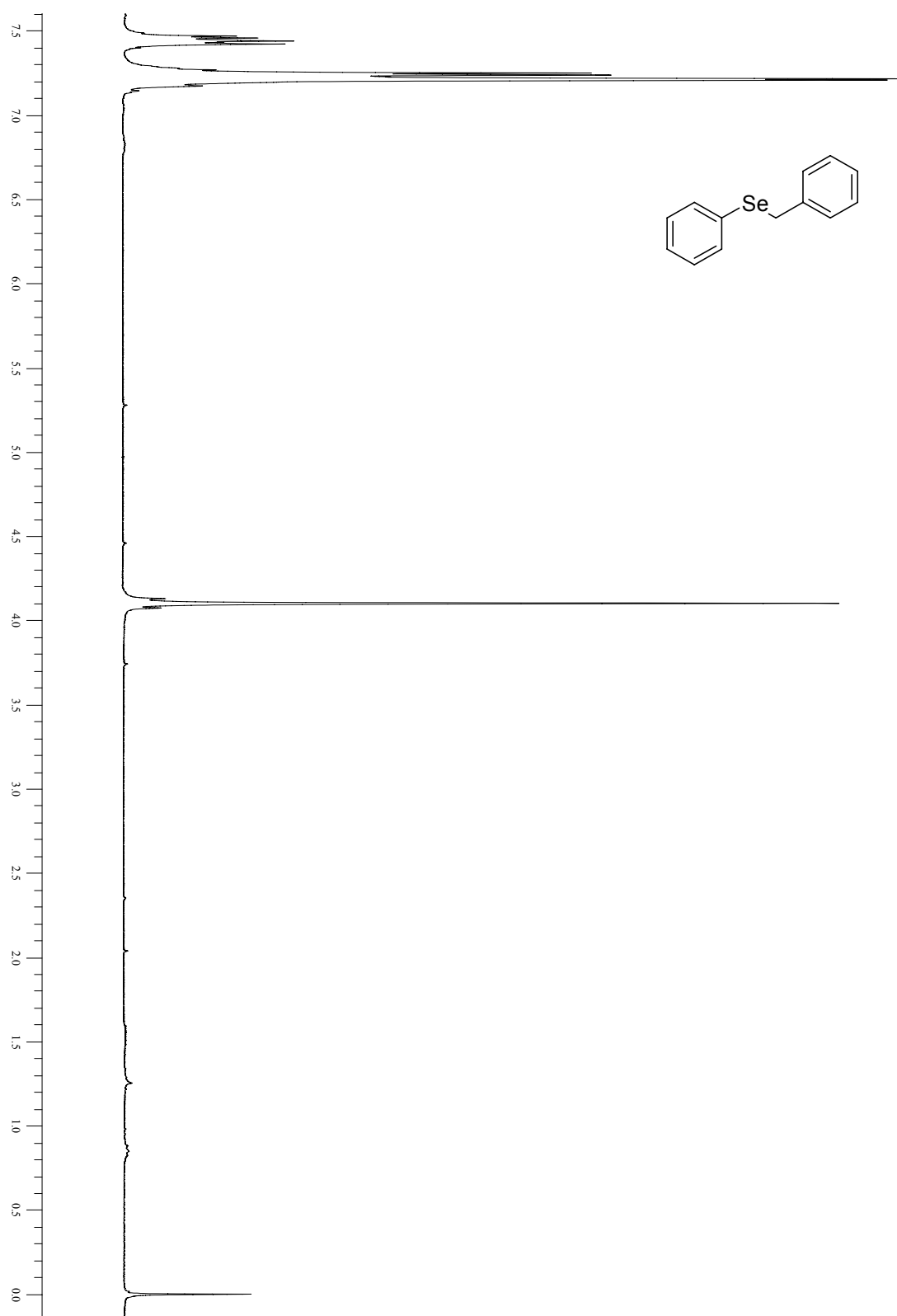
^{13}C NMR (100 MHz, CDCl_3) spectrum of dibenzyl selenide.



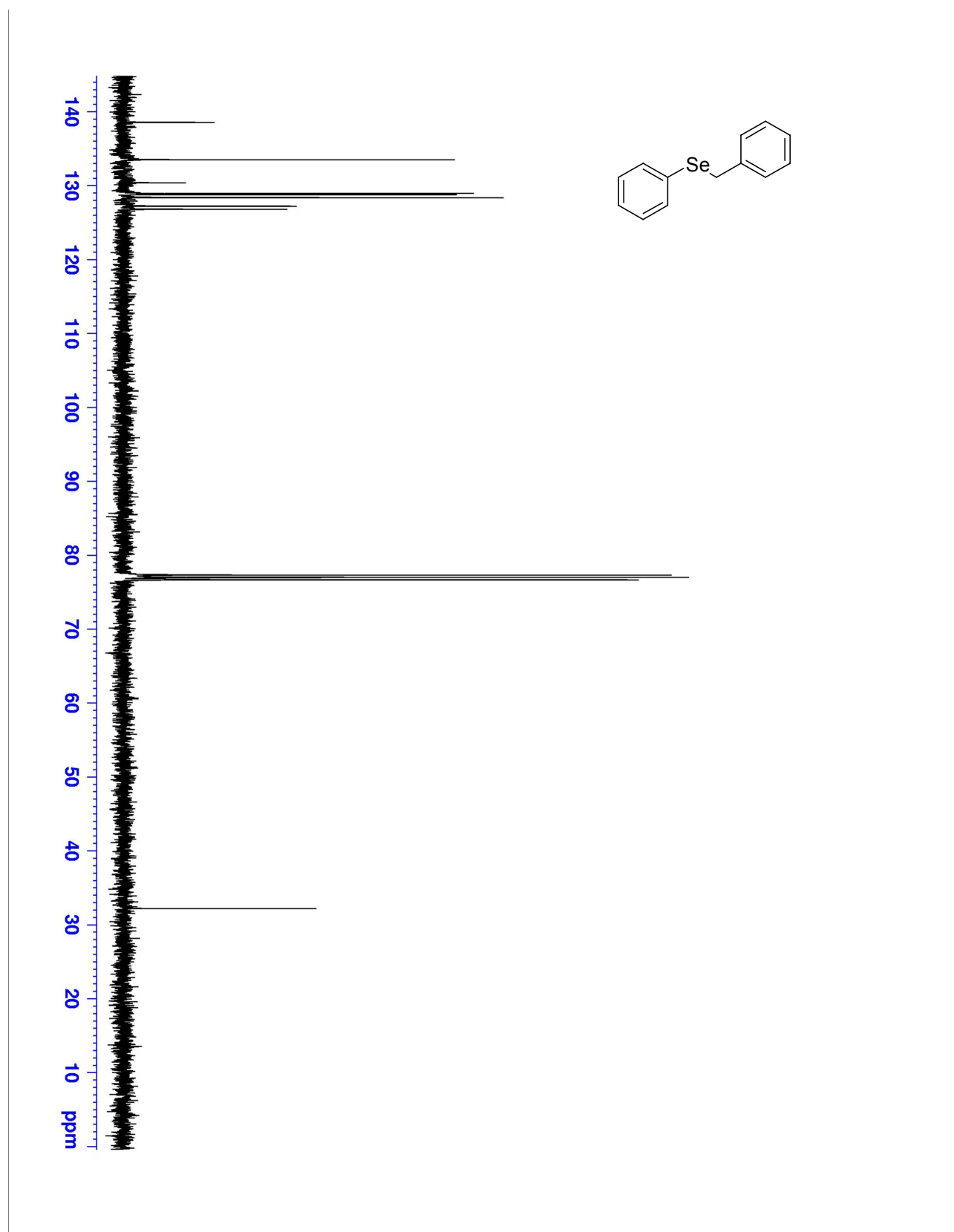
^1H NMR (400 MHz, CDCl_3) spectrum of benzyl ethyl selenide.



¹³C NMR (100 MHz, CDCl₃) spectrum of benzyl ethyl selenide.



^1H NMR (400 MHz, CDCl_3) spectrum of benzyl phenyl selenide.



^{13}C NMR (100 MHz, CDCl_3) spectrum of benzyl phenyl selenide.