

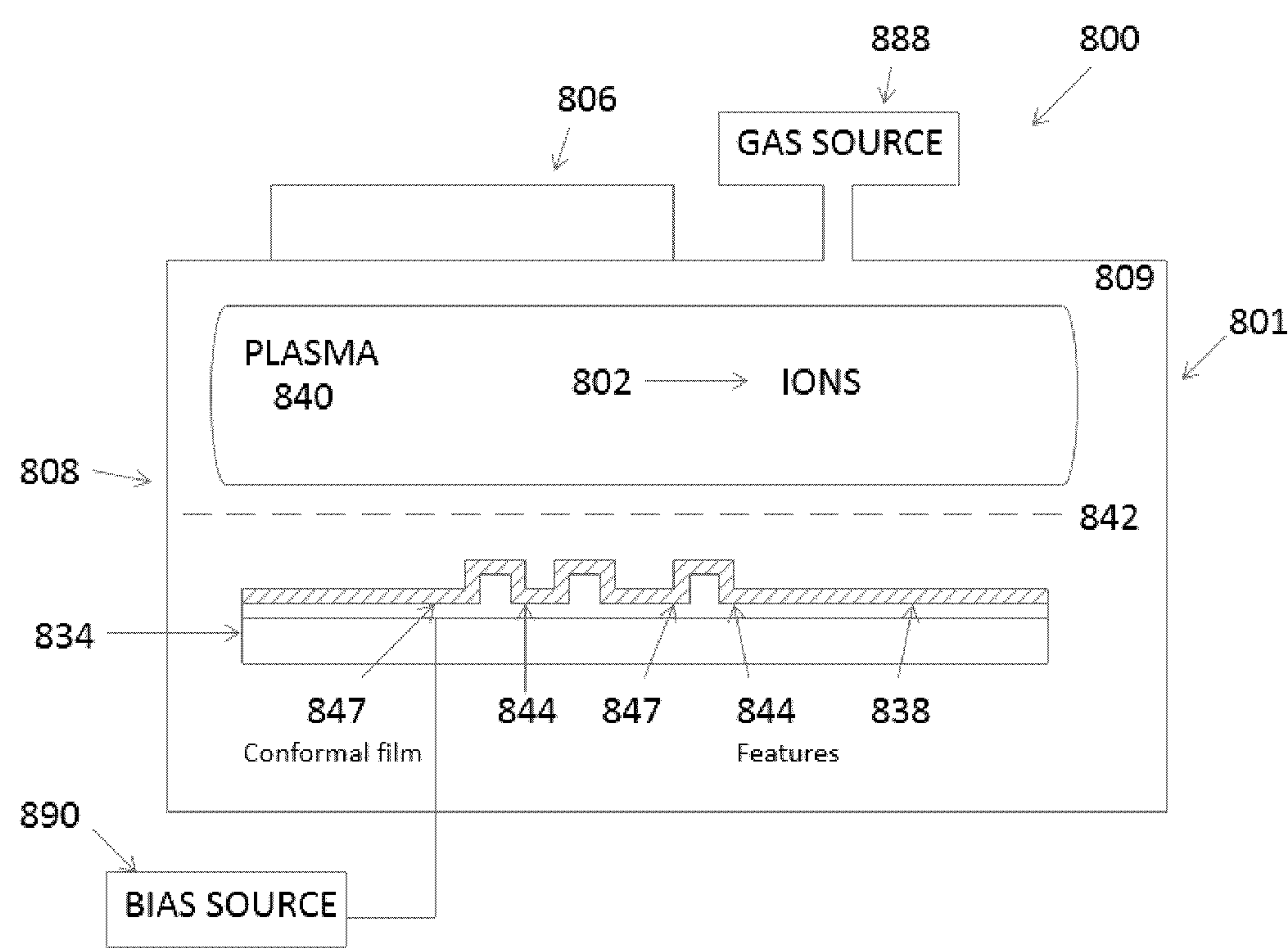


Figure 1: a sectional view of a processing chamber useful for the processes disclosed herein

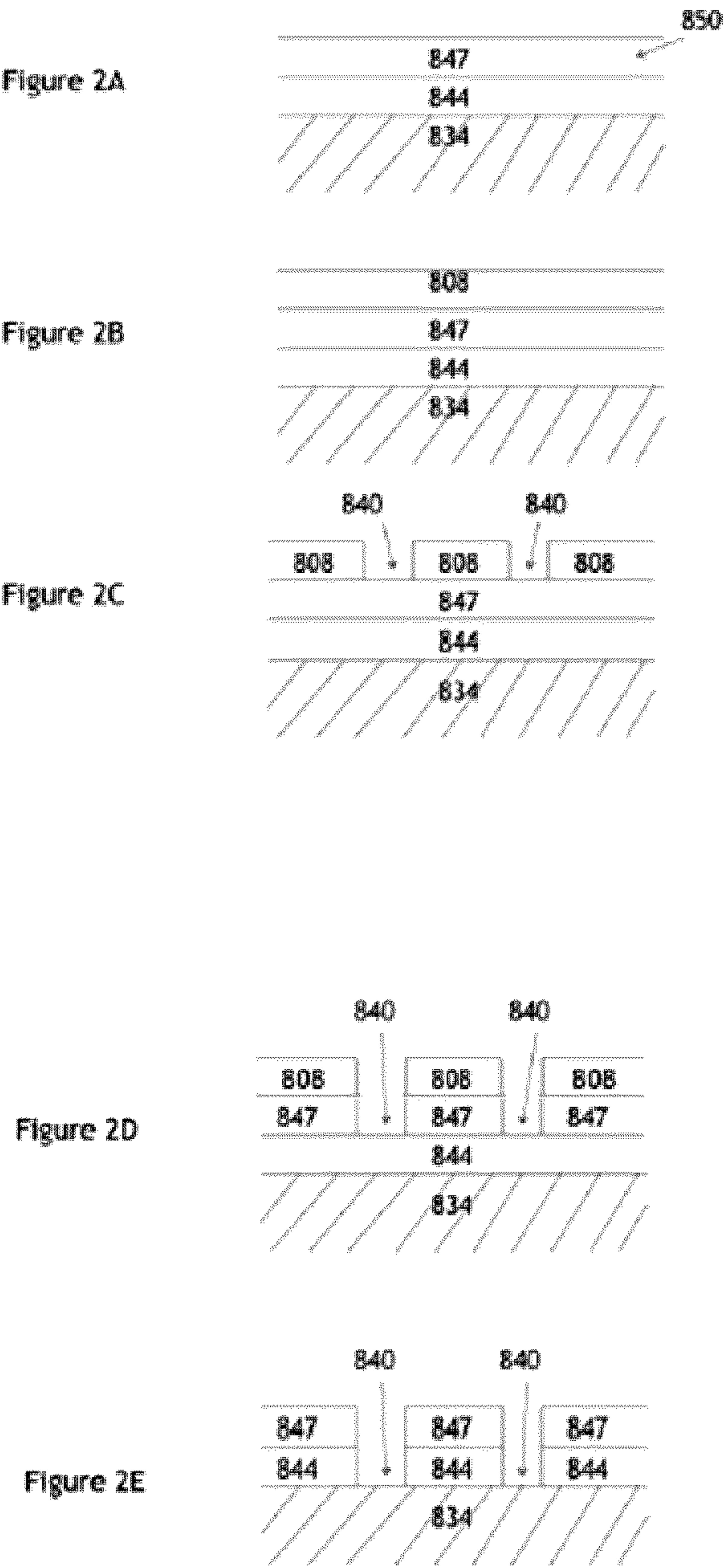


Figure 2: cross-sectional views of a substrate at different stages of an integrated circuit fabrication sequence using a compound of the invention

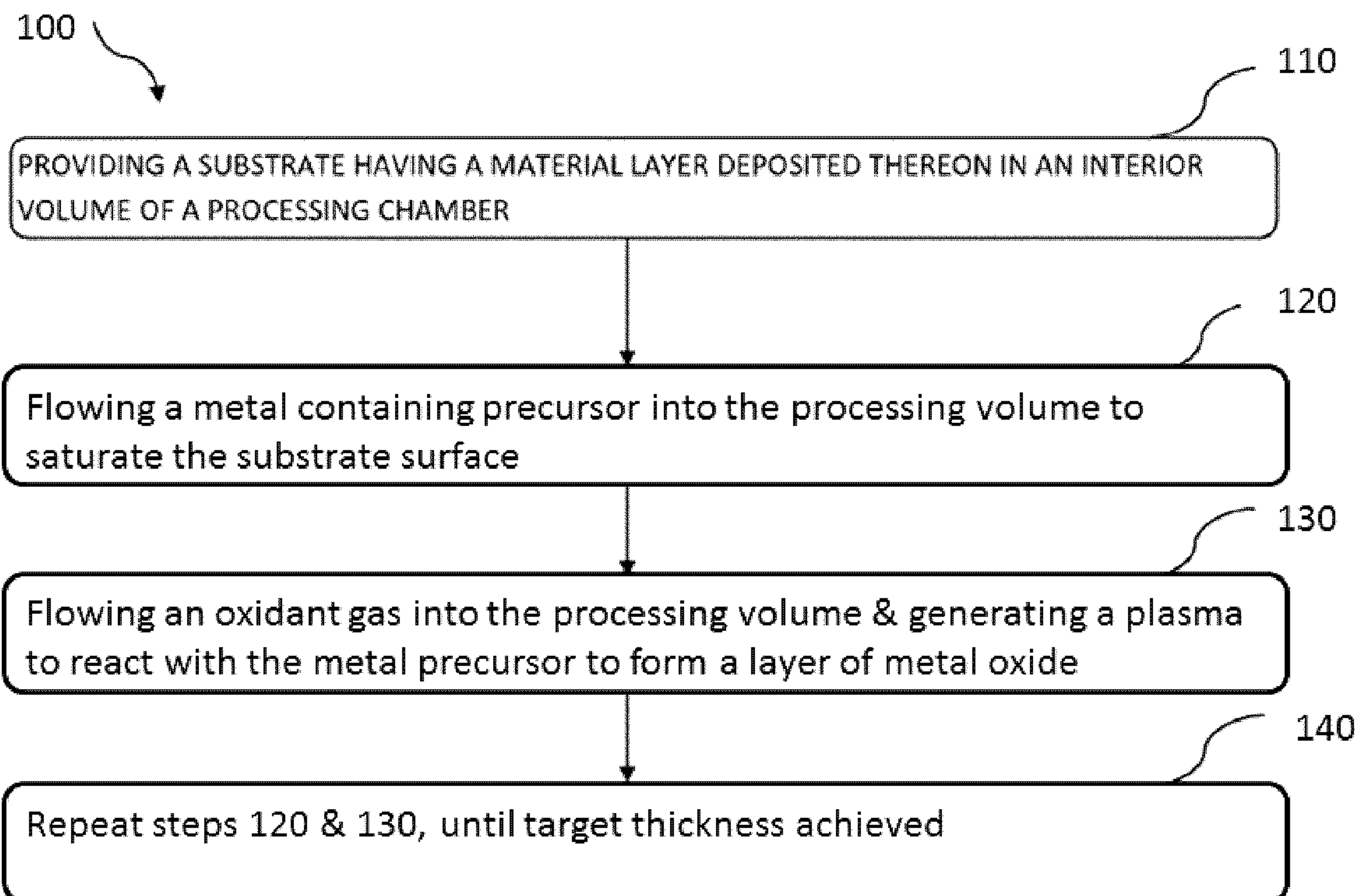


Figure 3: process flow diagram depicting a method for depositing a tin oxide film using a compound of the invention (“a metal containing precursor”)

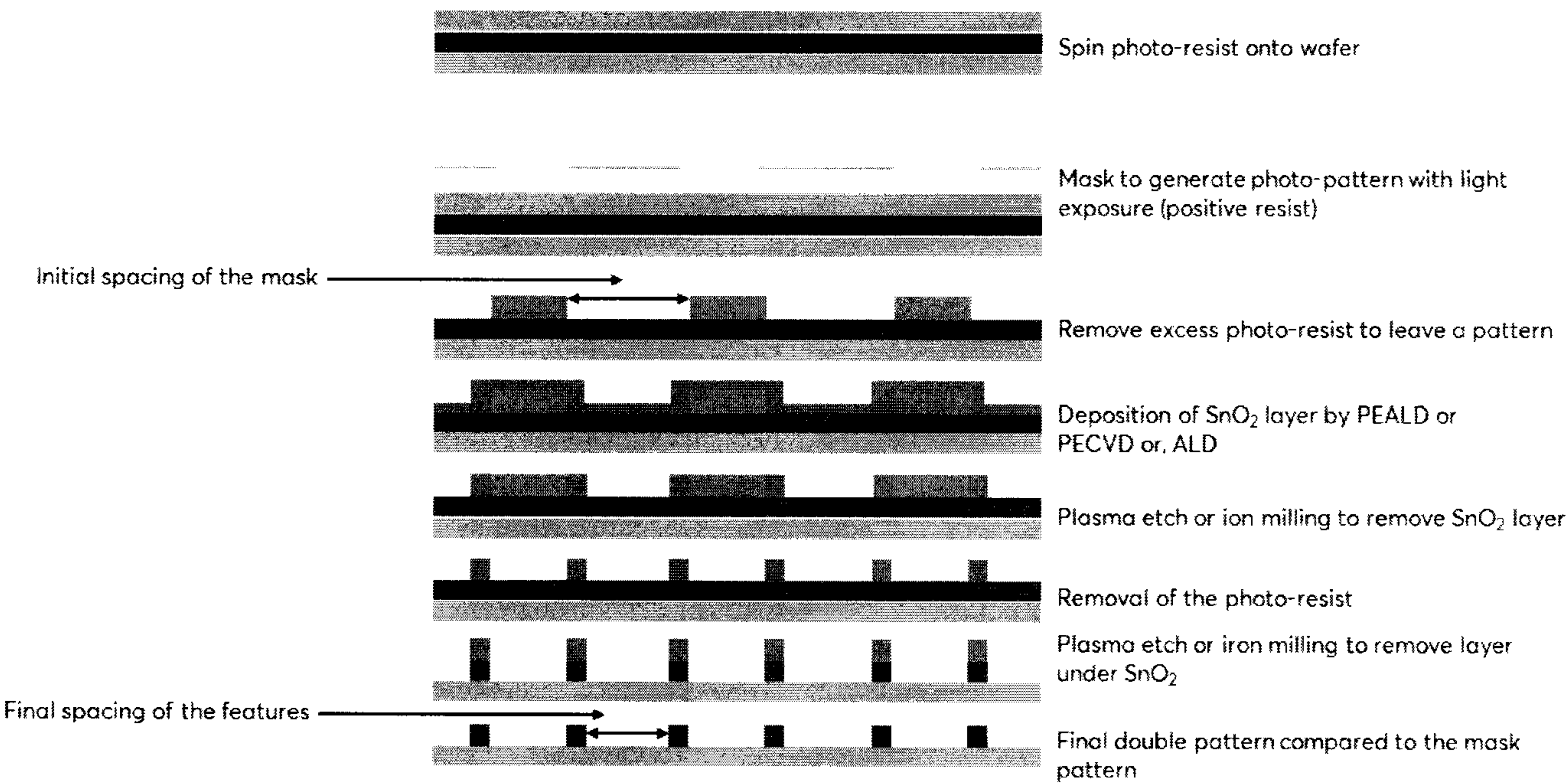


Figure 4: Schematic of a spacer-defined double-patterning technique using a compound of the invention

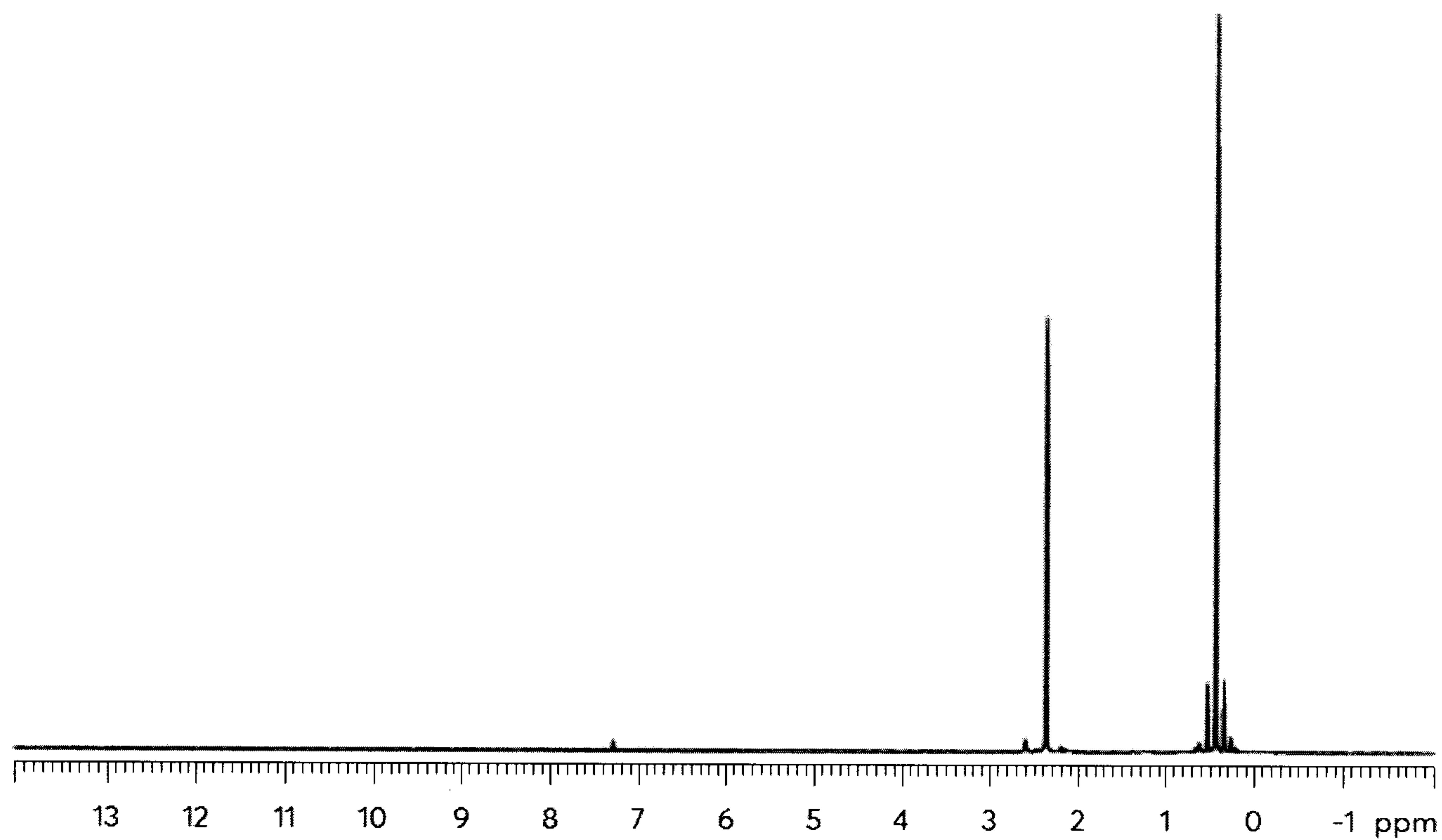


Figure 5: NMR spectrum of Me₃SnNMe₂

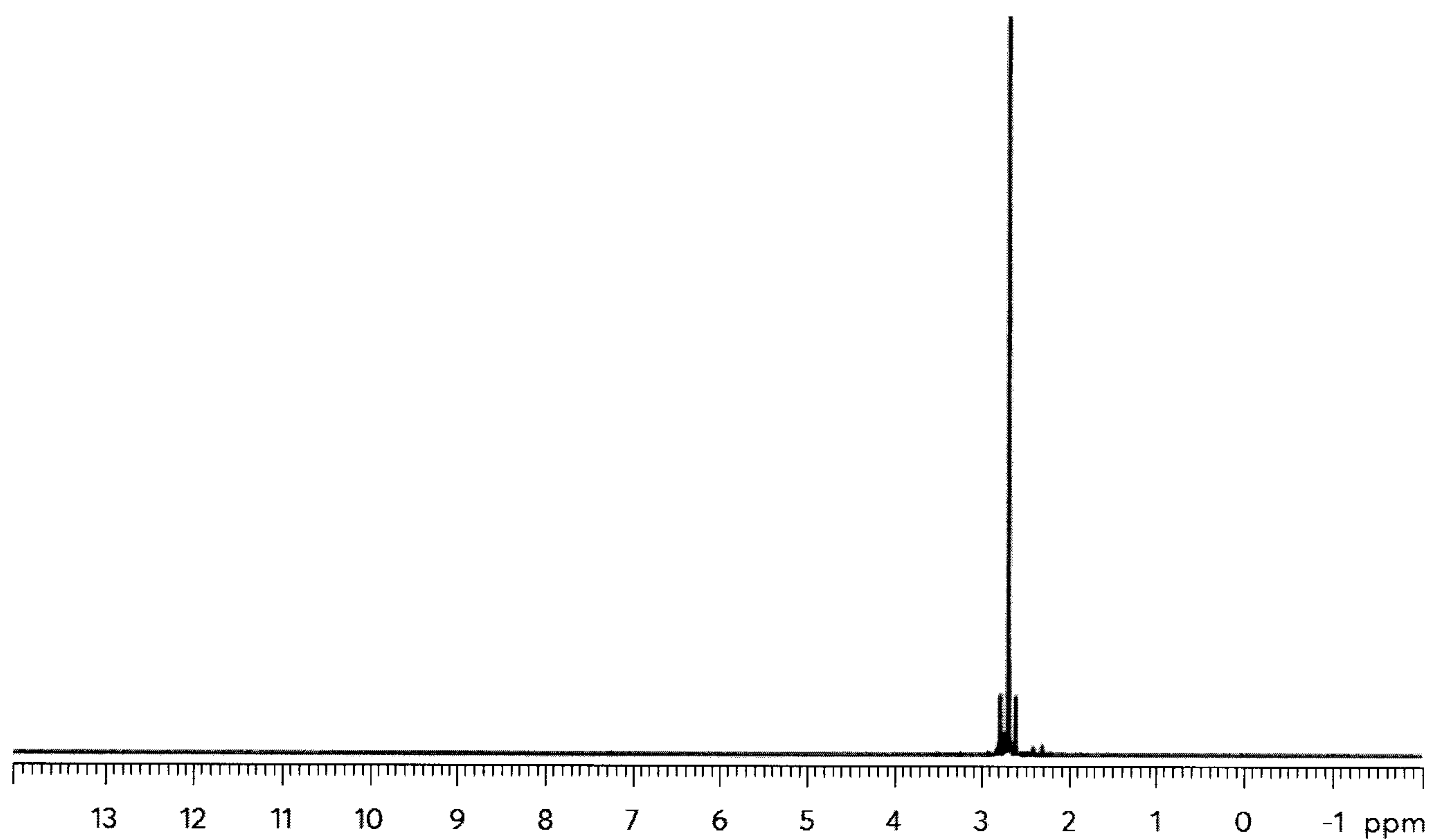


Figure 6: NMR spectrum of Sn(NMe₂)₄

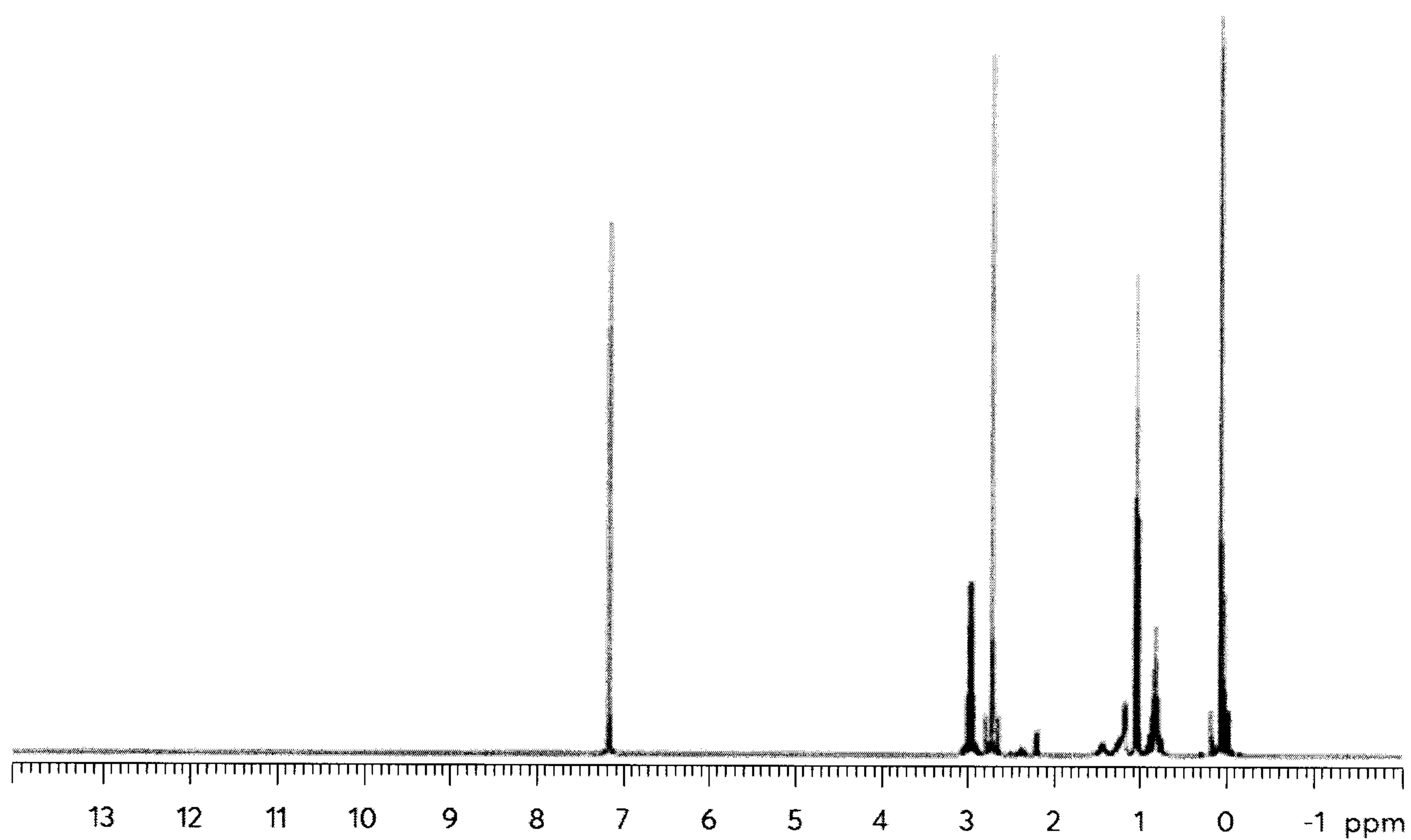
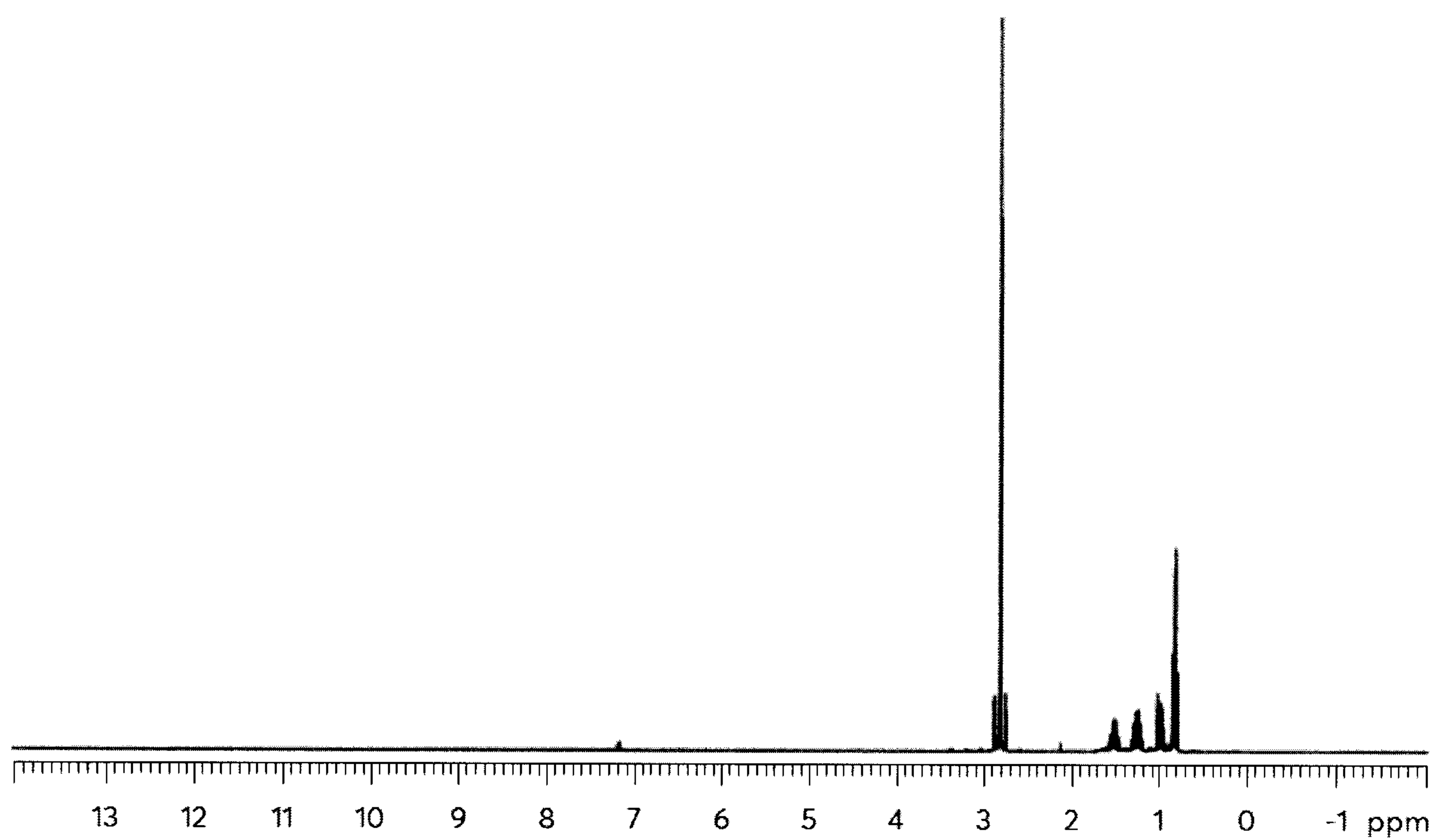
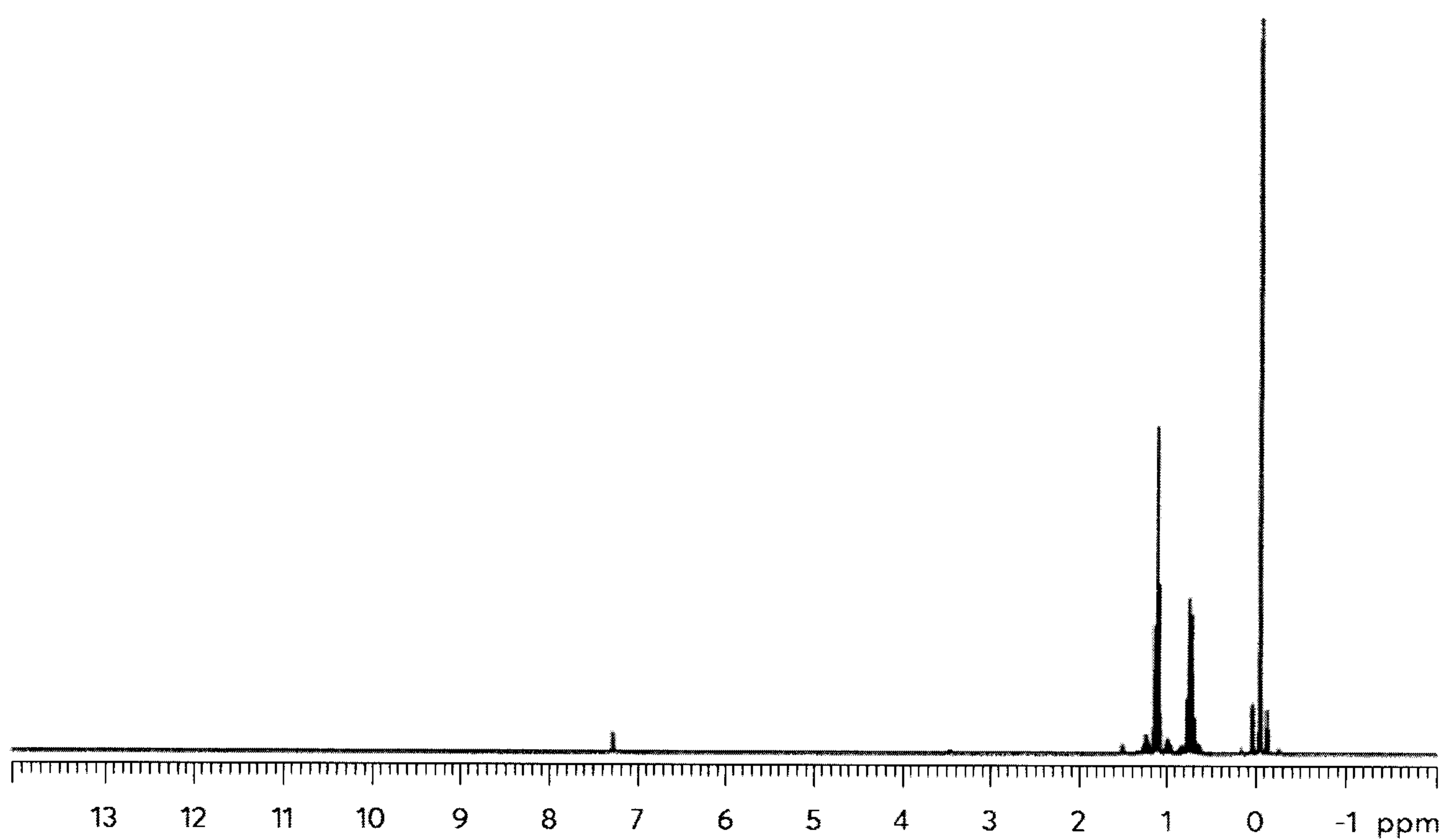
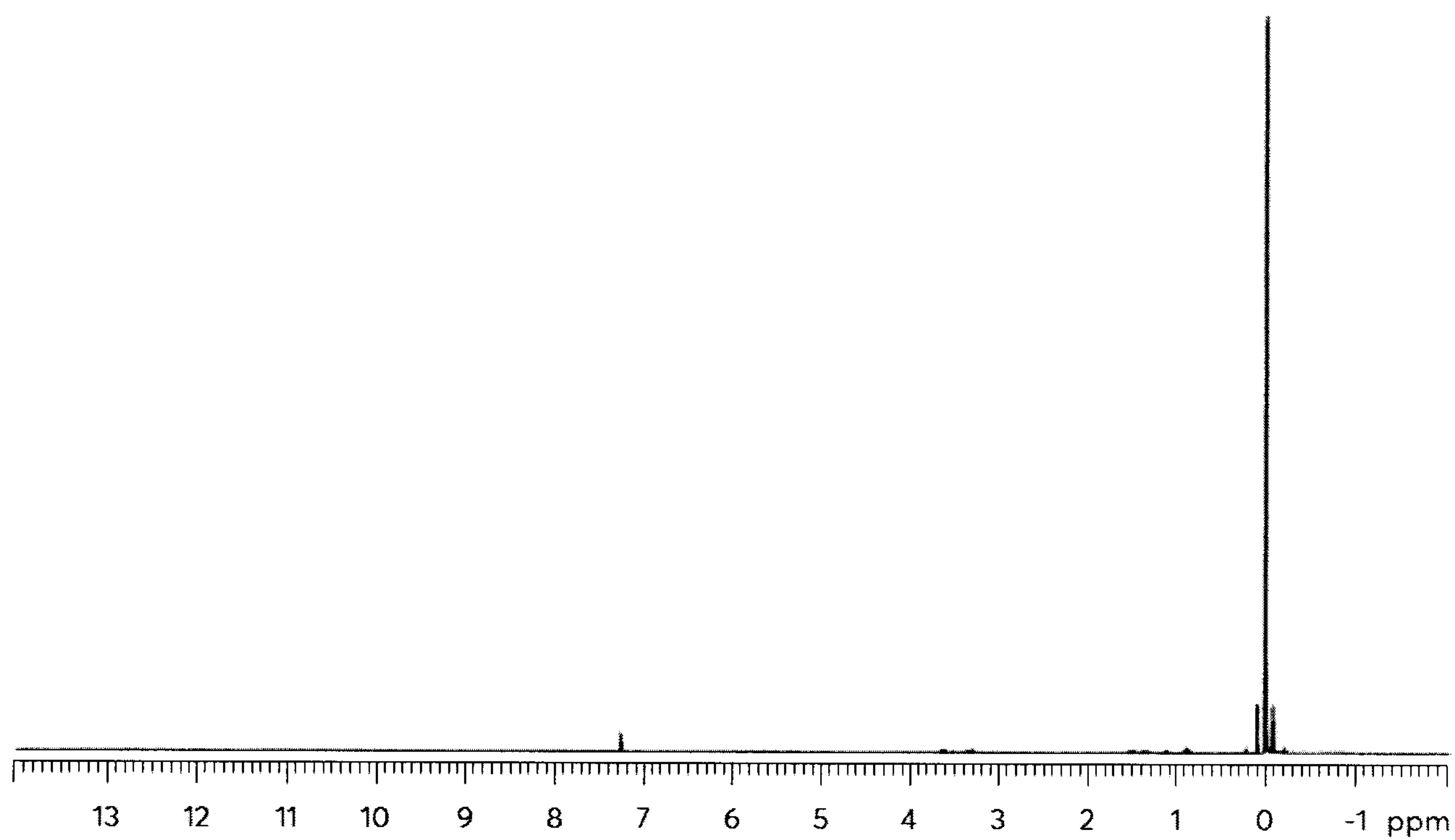
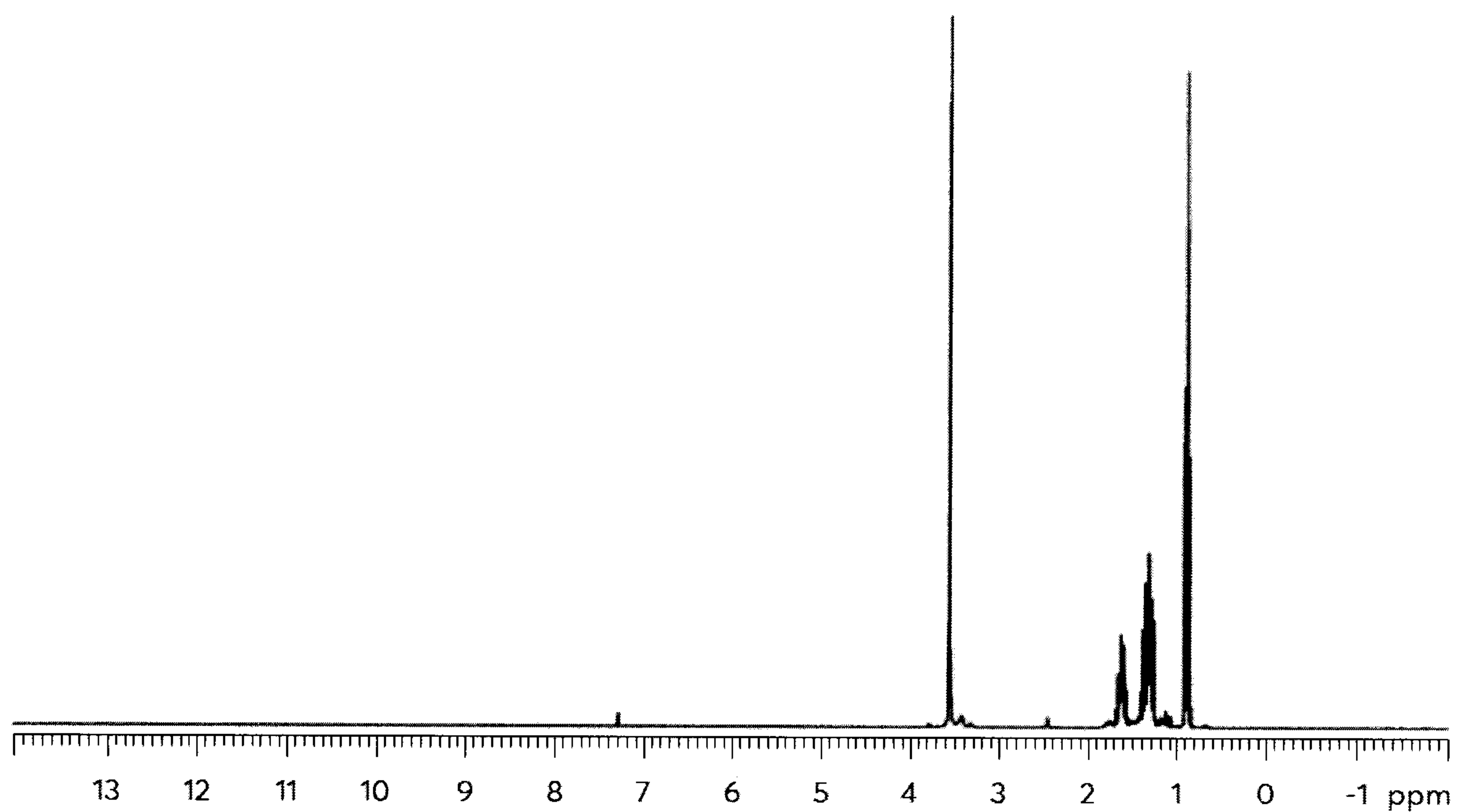


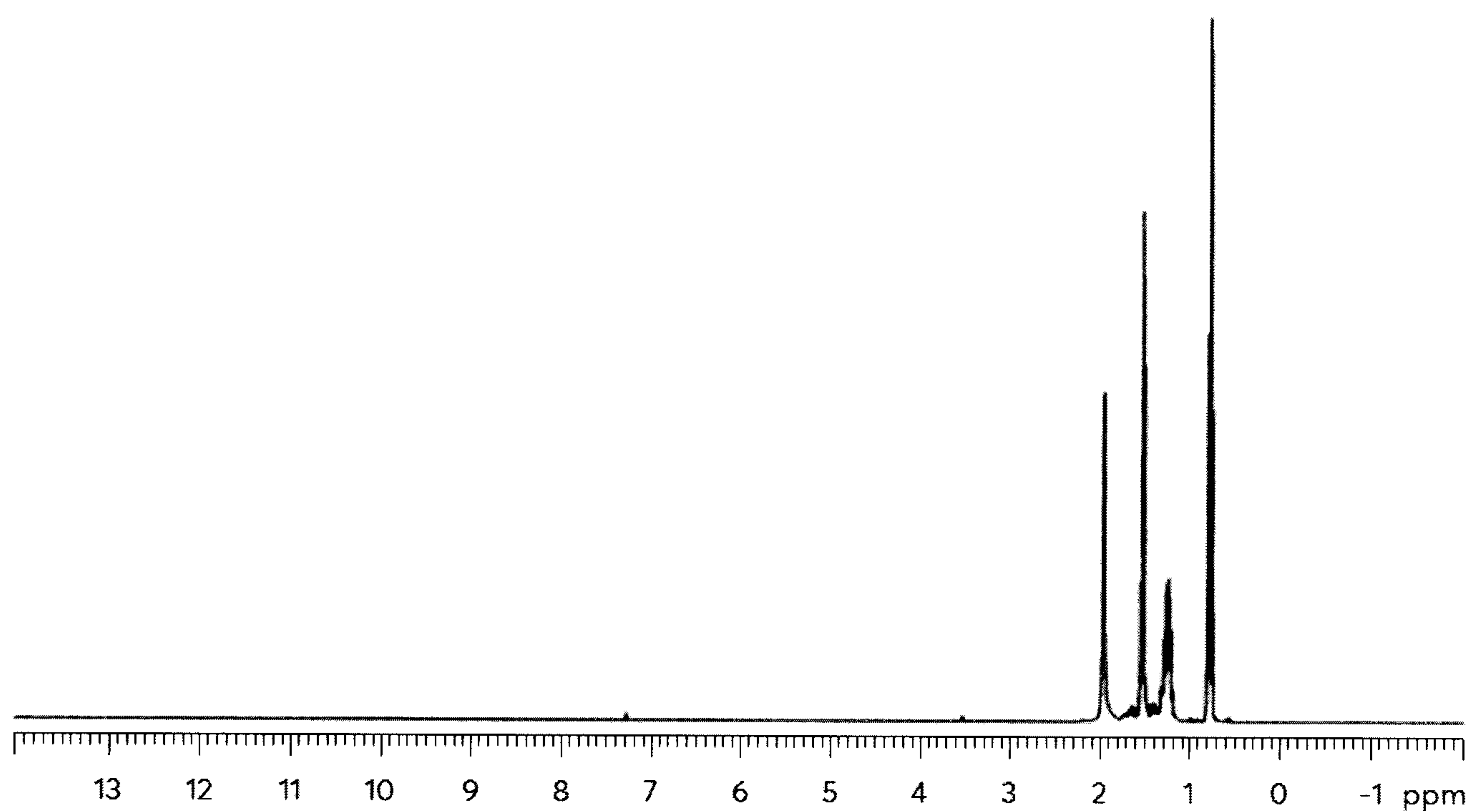
Figure 7: NMR of Me₂Sn(NEtMe)₂

Figure 8: NMR of Bu₂Sn(NMe₂)₂

Figure 9: NMR of Me₂SnEt₂

Figure 10: NMR of Me₄Sn

Figure 11: NMR of $\text{Bu}_2\text{Sn}(\text{OMe})_2$

Figure 12: NMR of $\text{Bu}_2\text{Sn}(\text{OAc})_2$

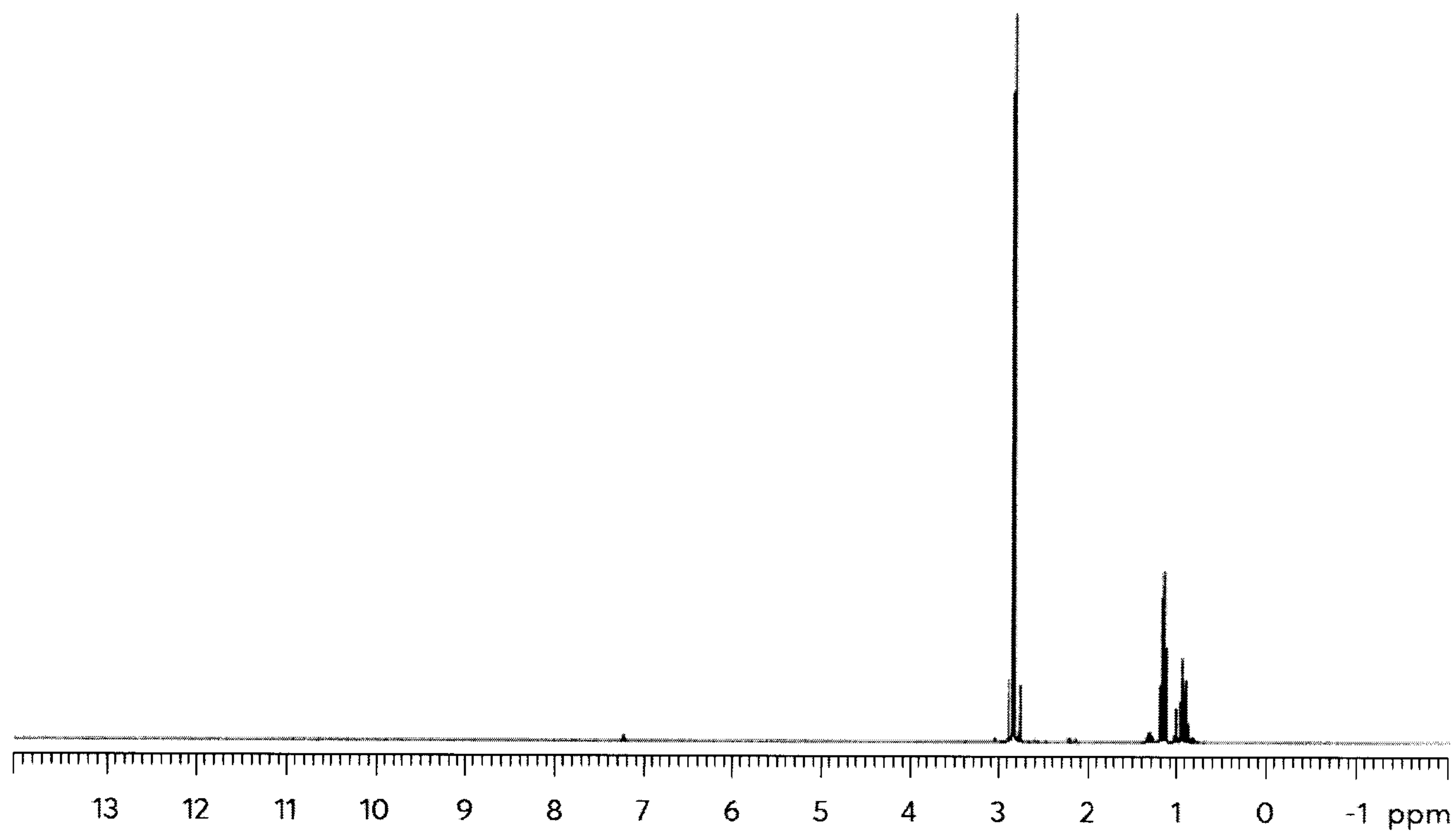
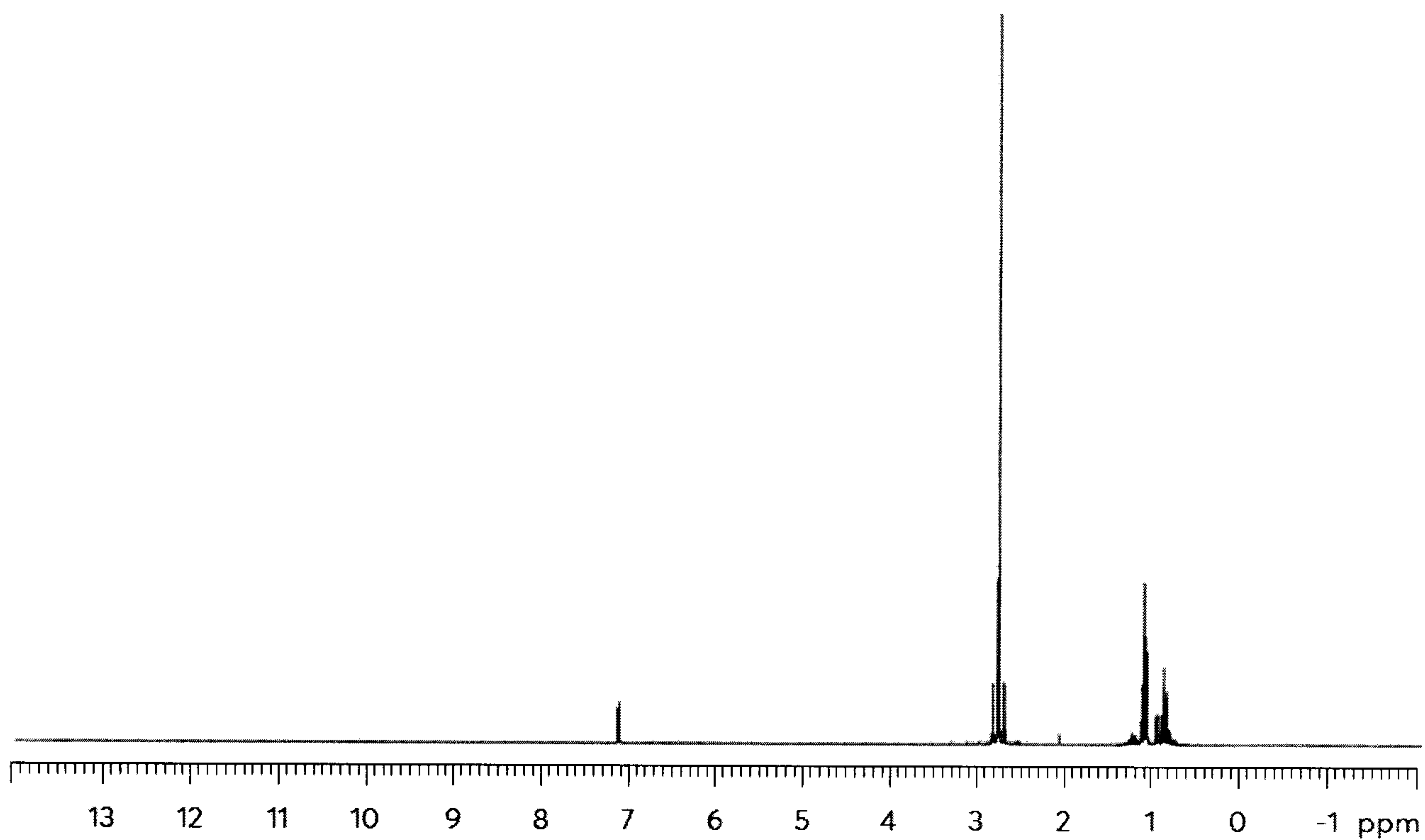
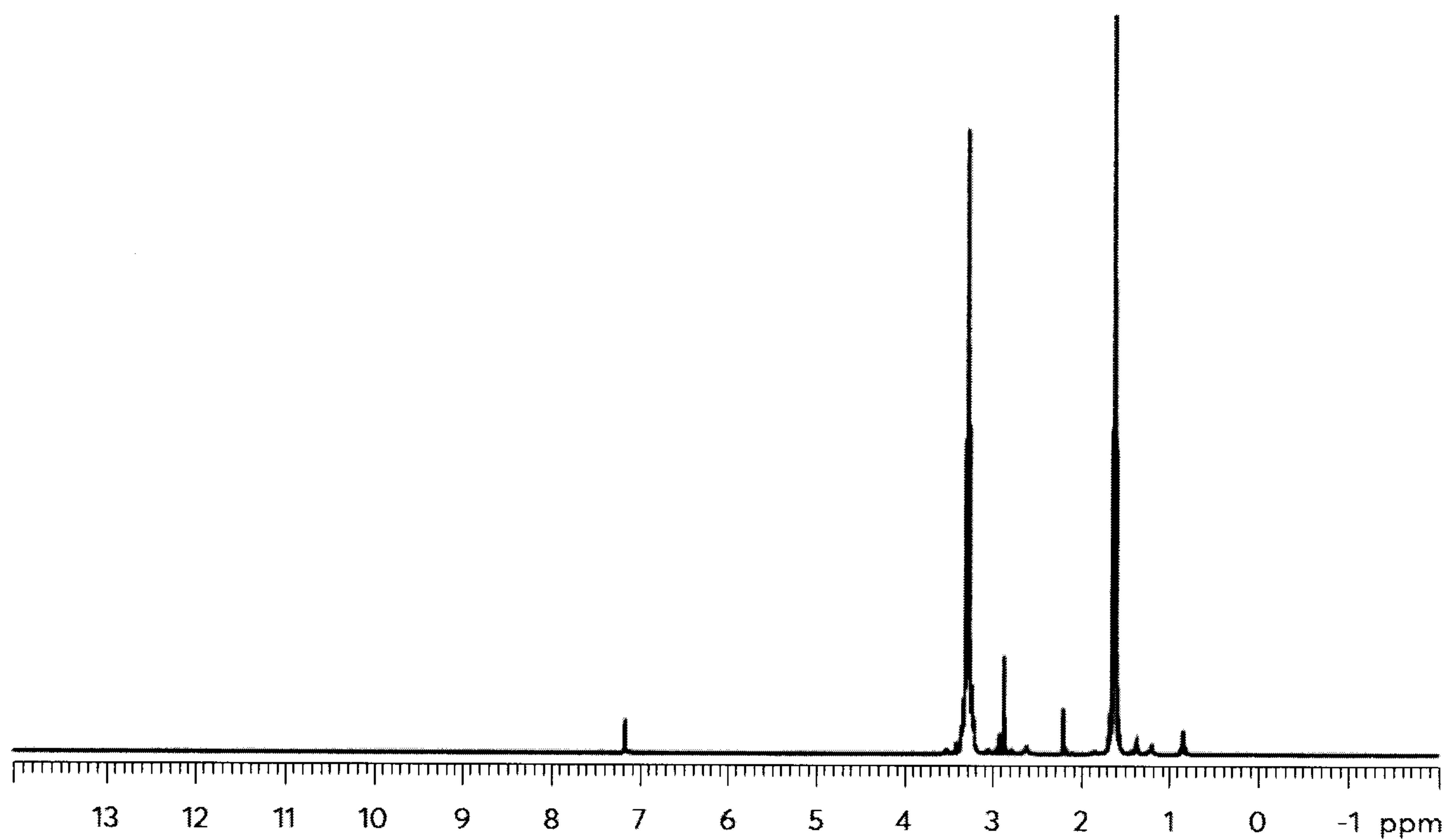


Figure 13: NMR of $\text{Et}_2\text{Sn}(\text{NMe}_2)_2$

Figure 14: NMR of Me₂Sn(NEt₂)₂

Figure 15: NMR of Sn(Pyrrolodiny)₄

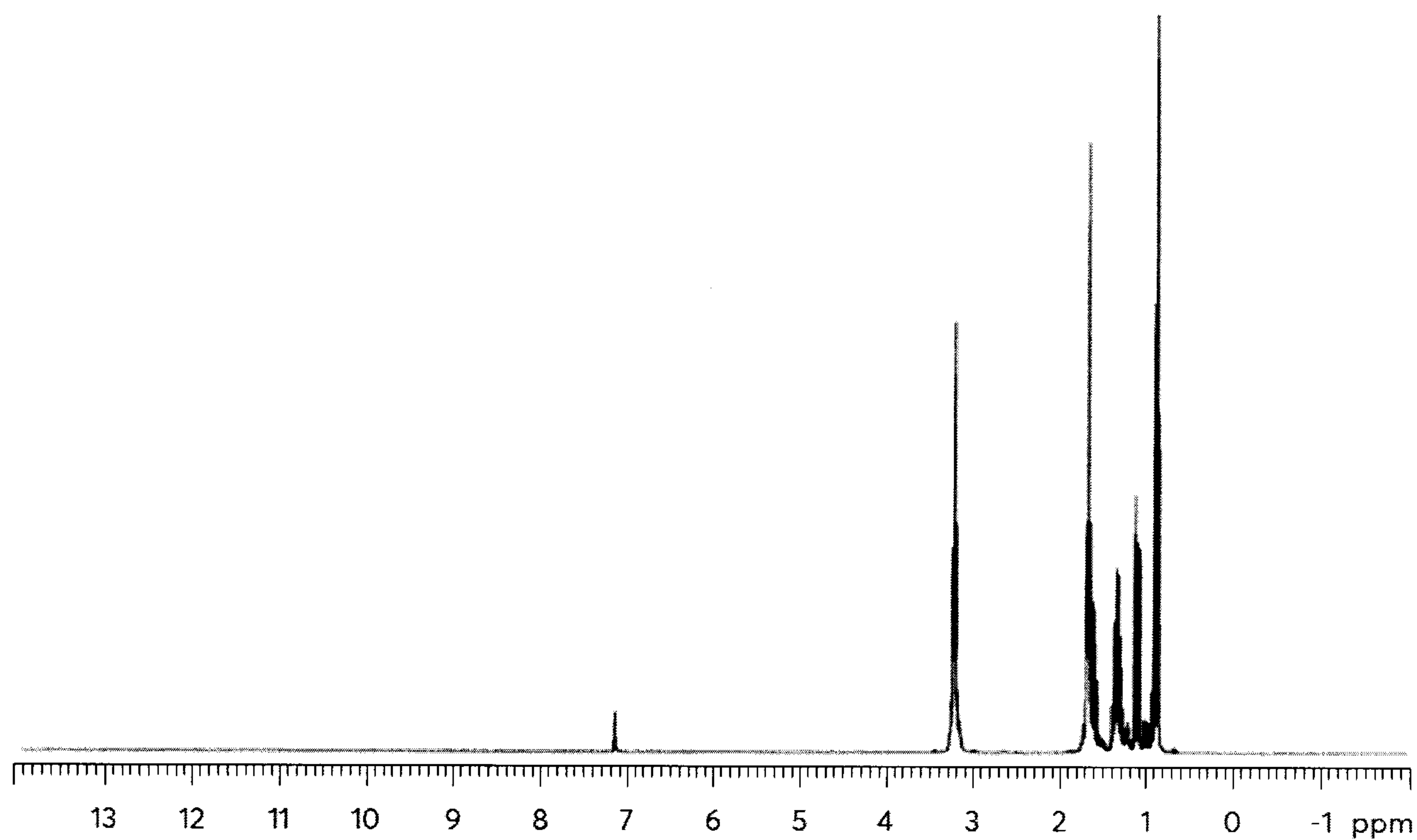


Figure 16: NMR of $\text{Bu}_2\text{Sn}(\text{Pyrrolodiny})_2$

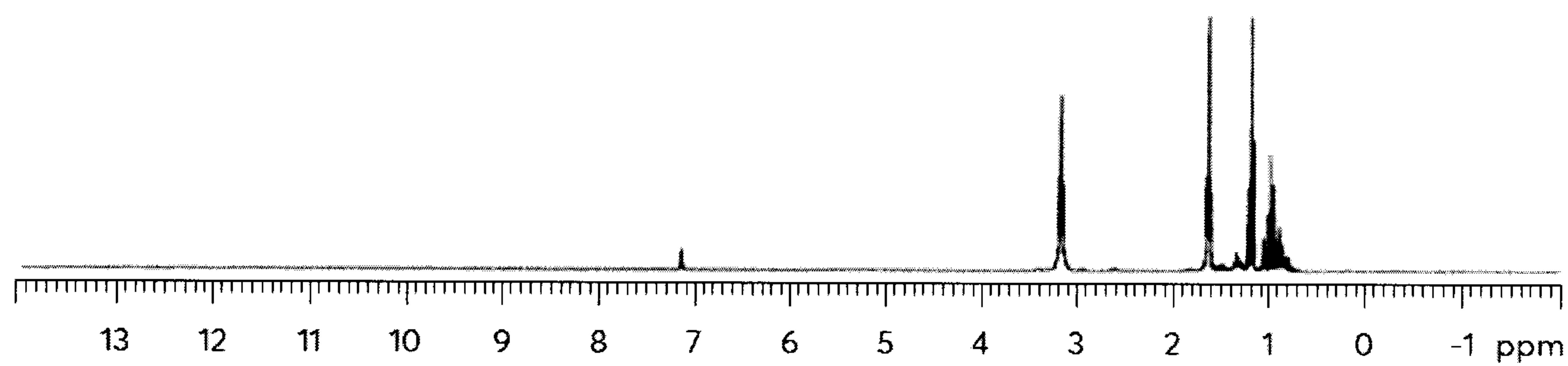


Figure 17: NMR of Et₂Sn(Pyrrolodiny)₂

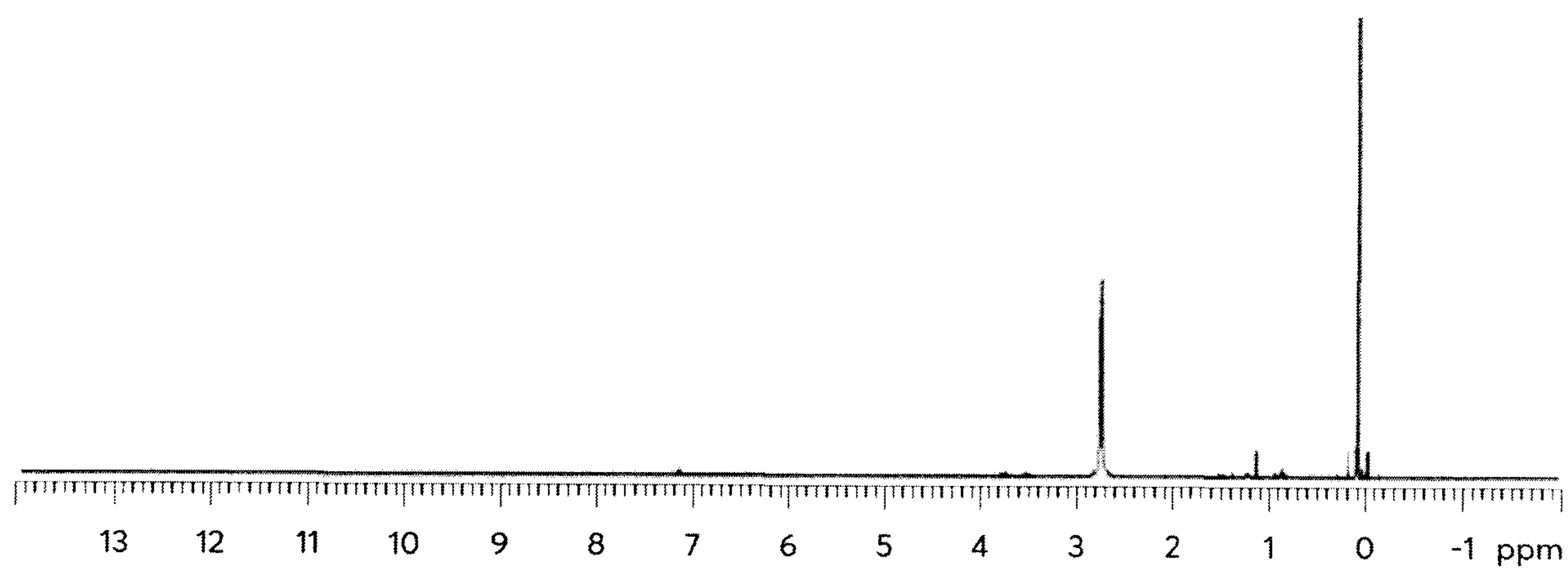


Figure 18: NMR of Me₂Sn(NMe₂)₂

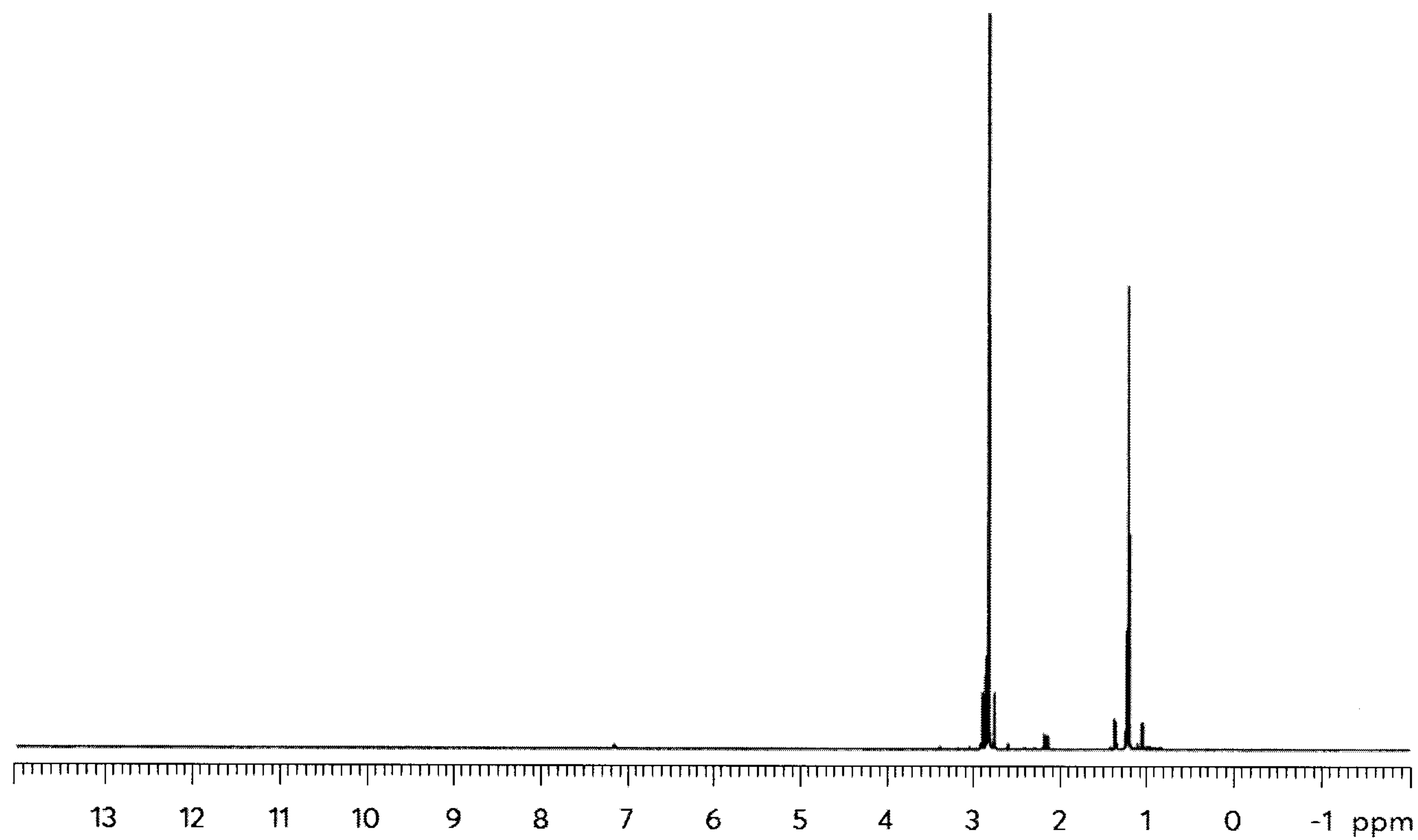


Figure 19: NMR of $\text{tBuSn}(\text{NMe}_2)_3$

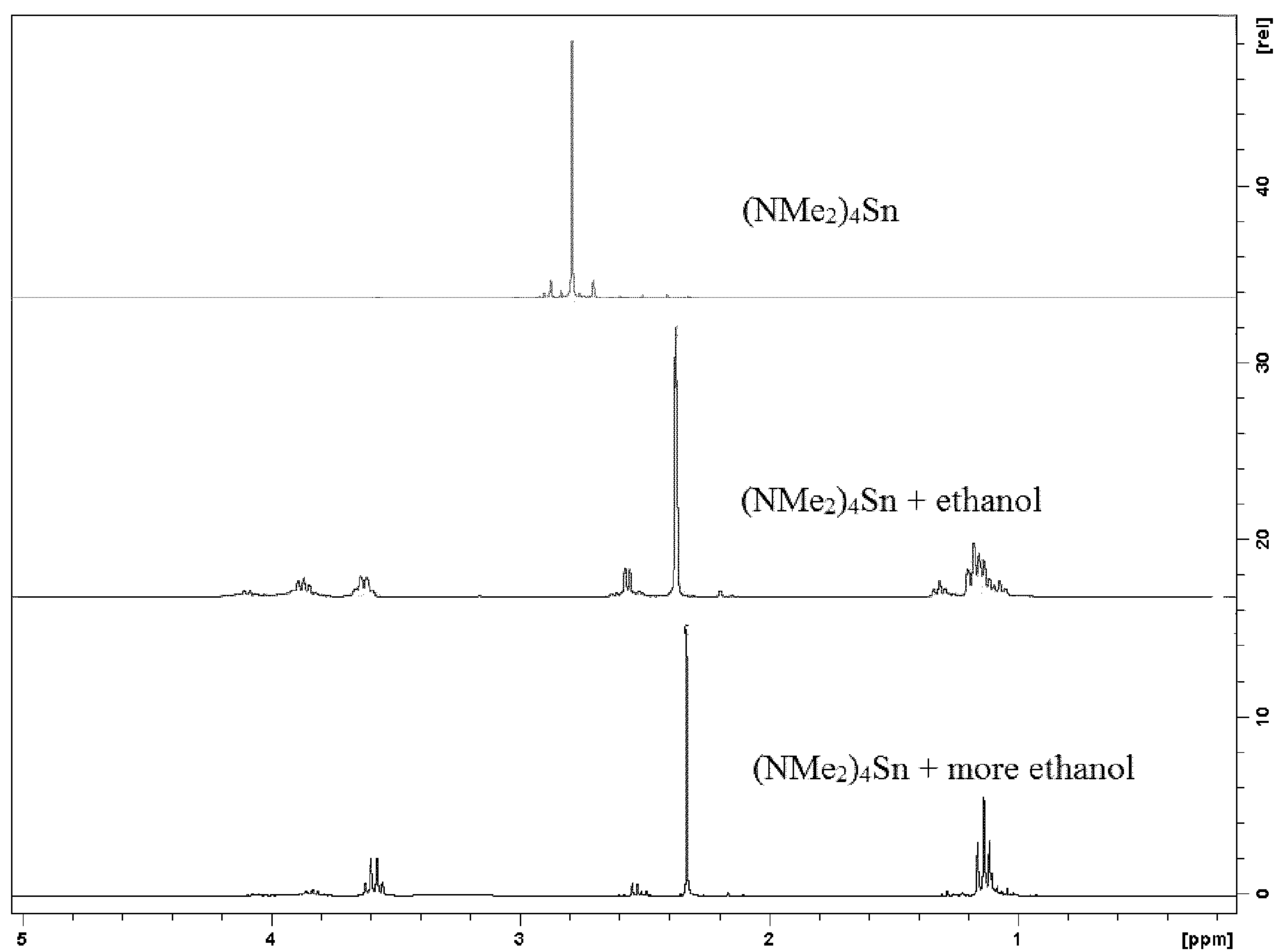


Figure 20. NMR of the reaction of $(\text{NMe}_2)_4\text{Sn}$ with ethanol

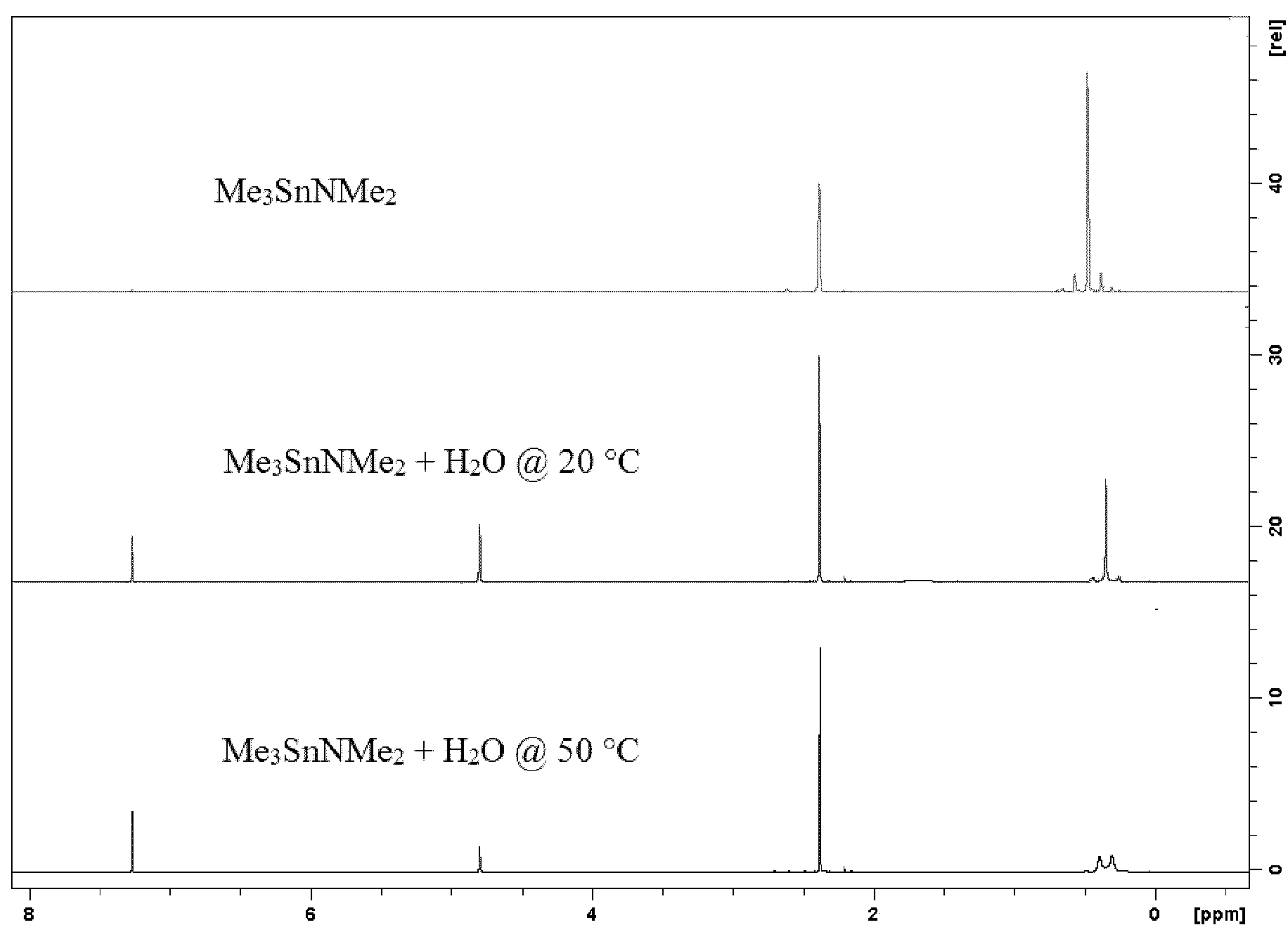


Figure 21. NMR of the reaction of $\text{Me}_3\text{SnNMe}_2$ with water.

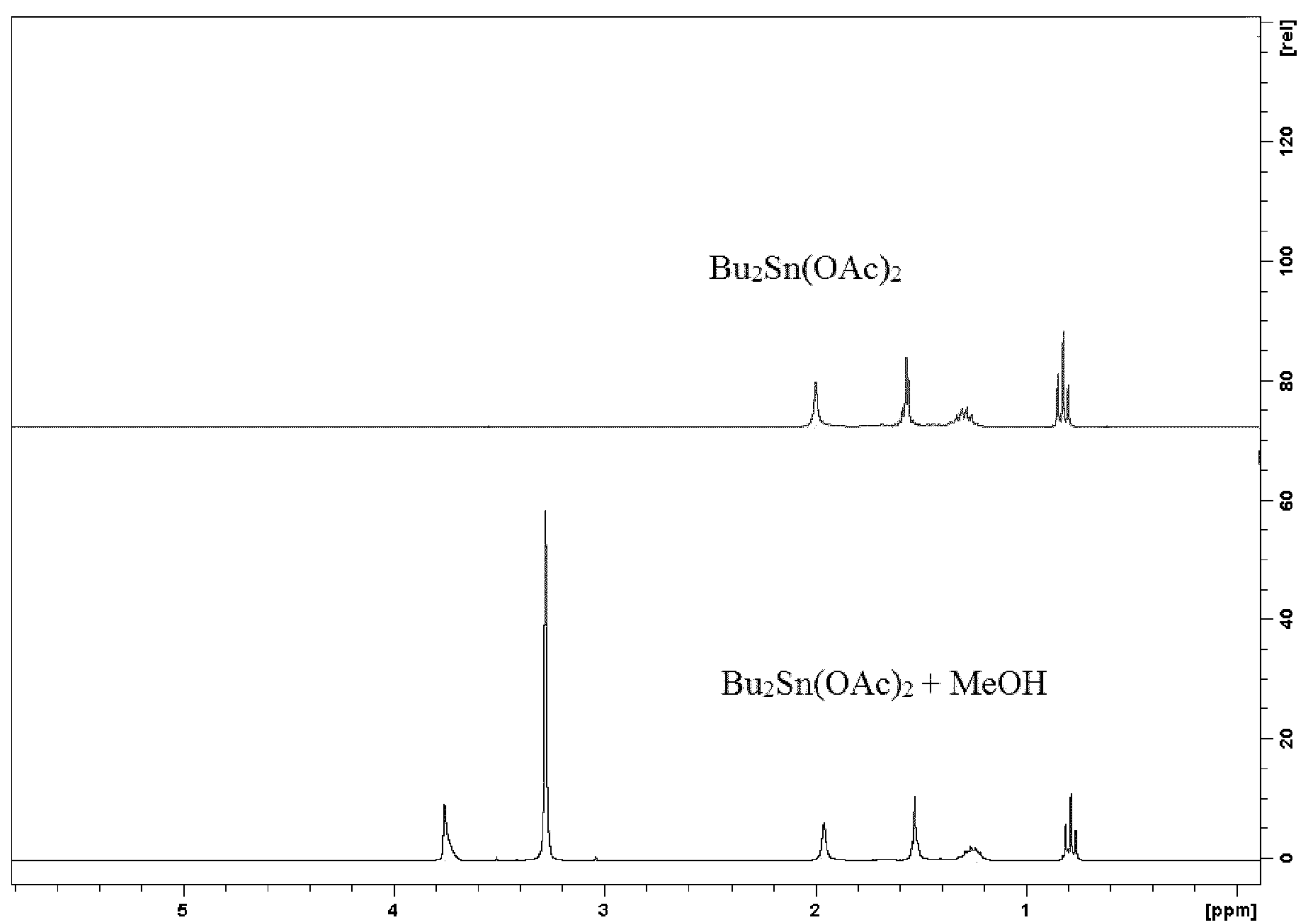


Figure 22. NMR of the reaction of $\text{Bu}_2\text{Sn}(\text{OAc})_2$ with methanol.

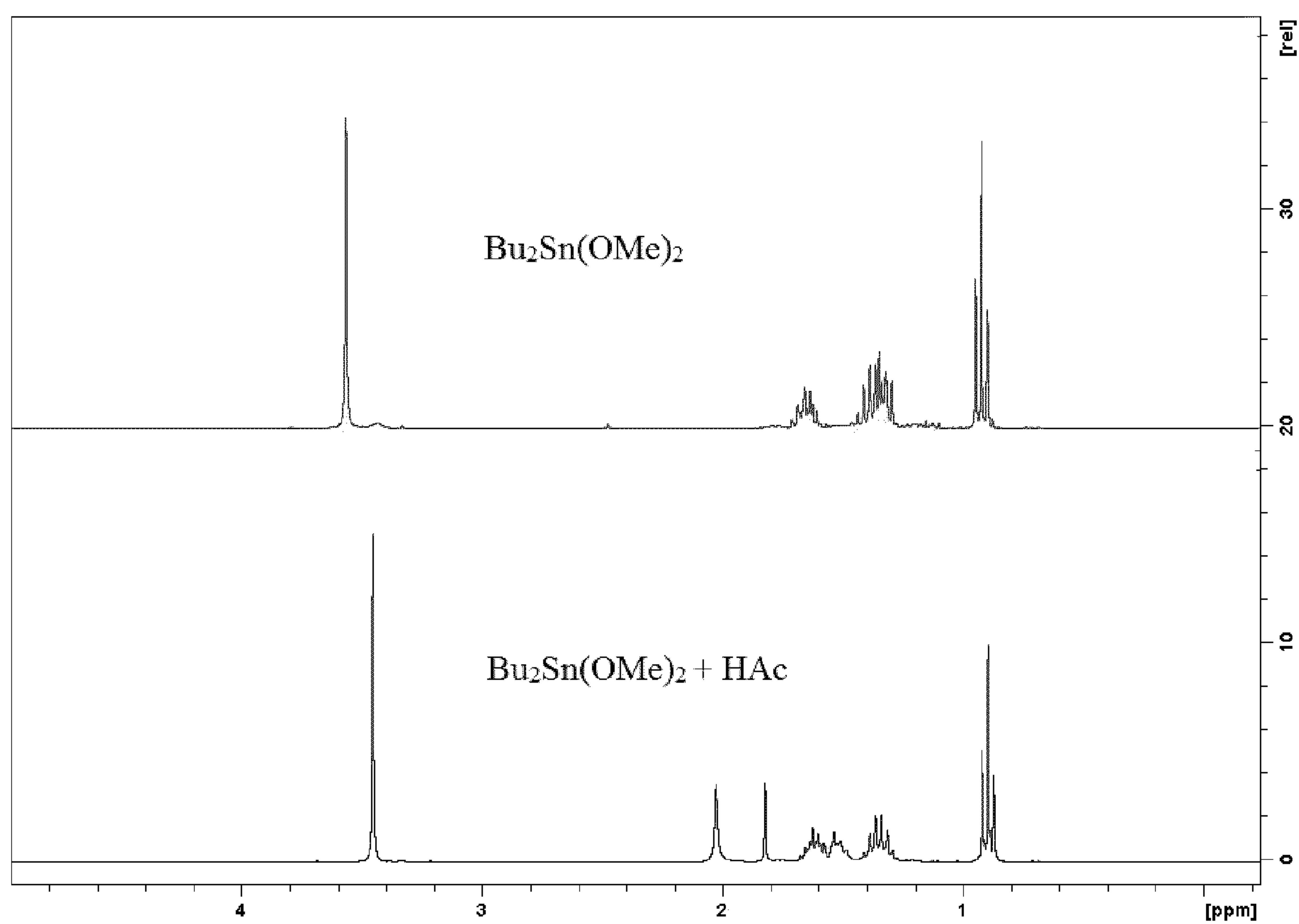


Figure 23. NMR of the reaction of $\text{Bu}_2\text{Sn}(\text{OMe})_2$ with acetic acid.

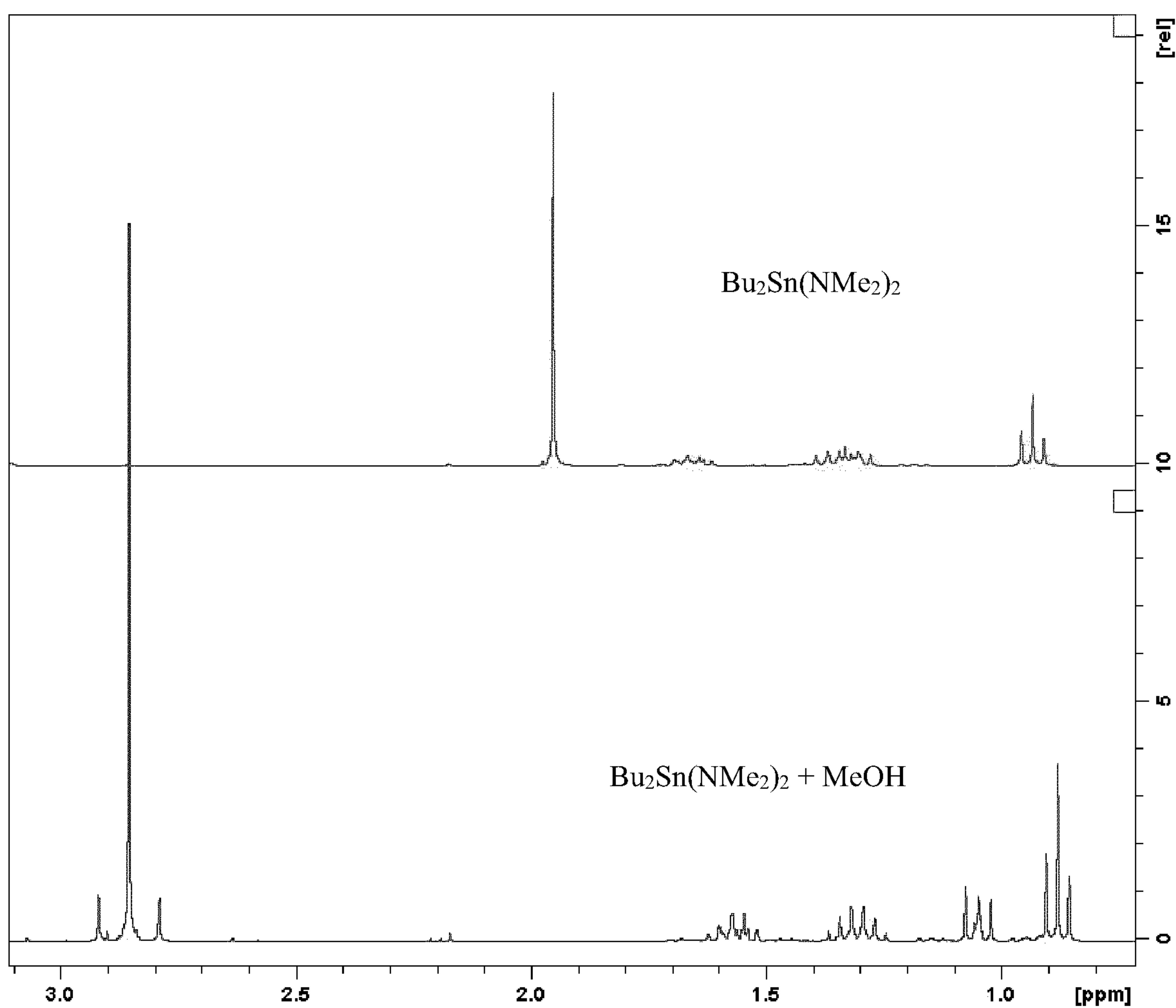


Figure 24. NMR of the reaction of $\text{Bu}_2\text{Sn}(\text{NMe}_2)_2$ with Methanol.

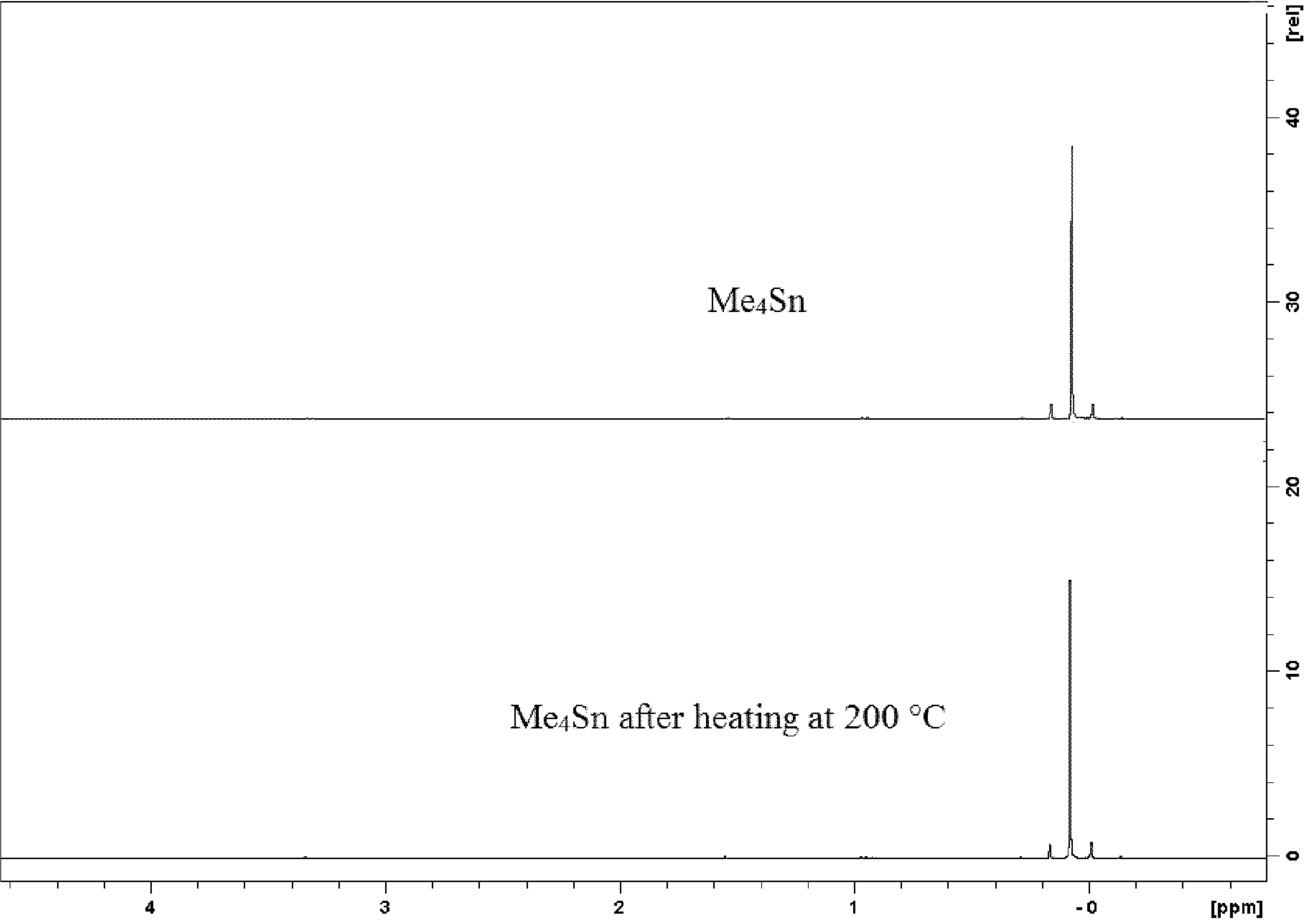


Figure 25. NMR of Me₄Sn before and after heating at 200 °C

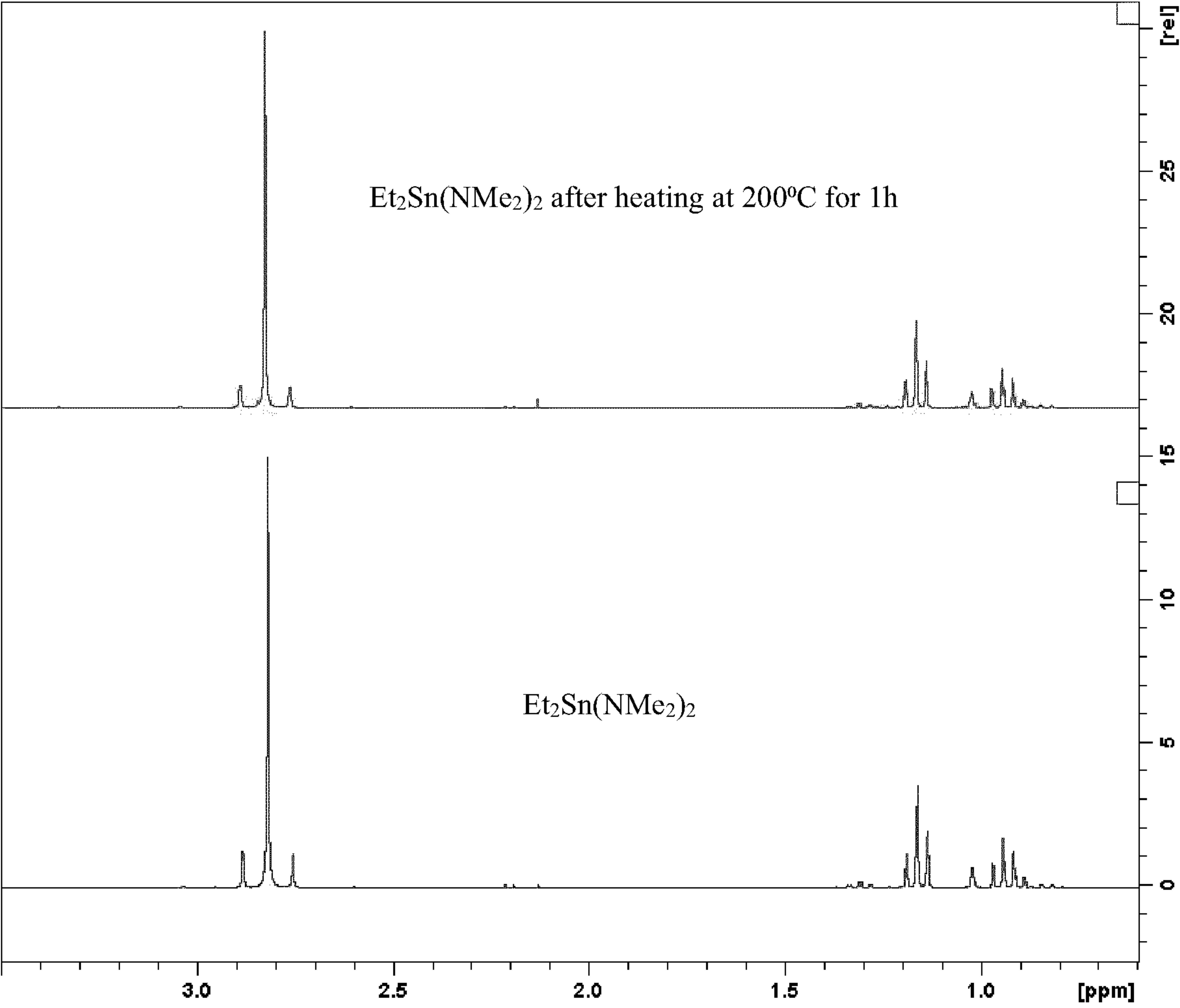


Figure 26. NMR of $\text{Et}_2\text{Sn}(\text{NMe}_2)_2$ before and after heating at 200 °C

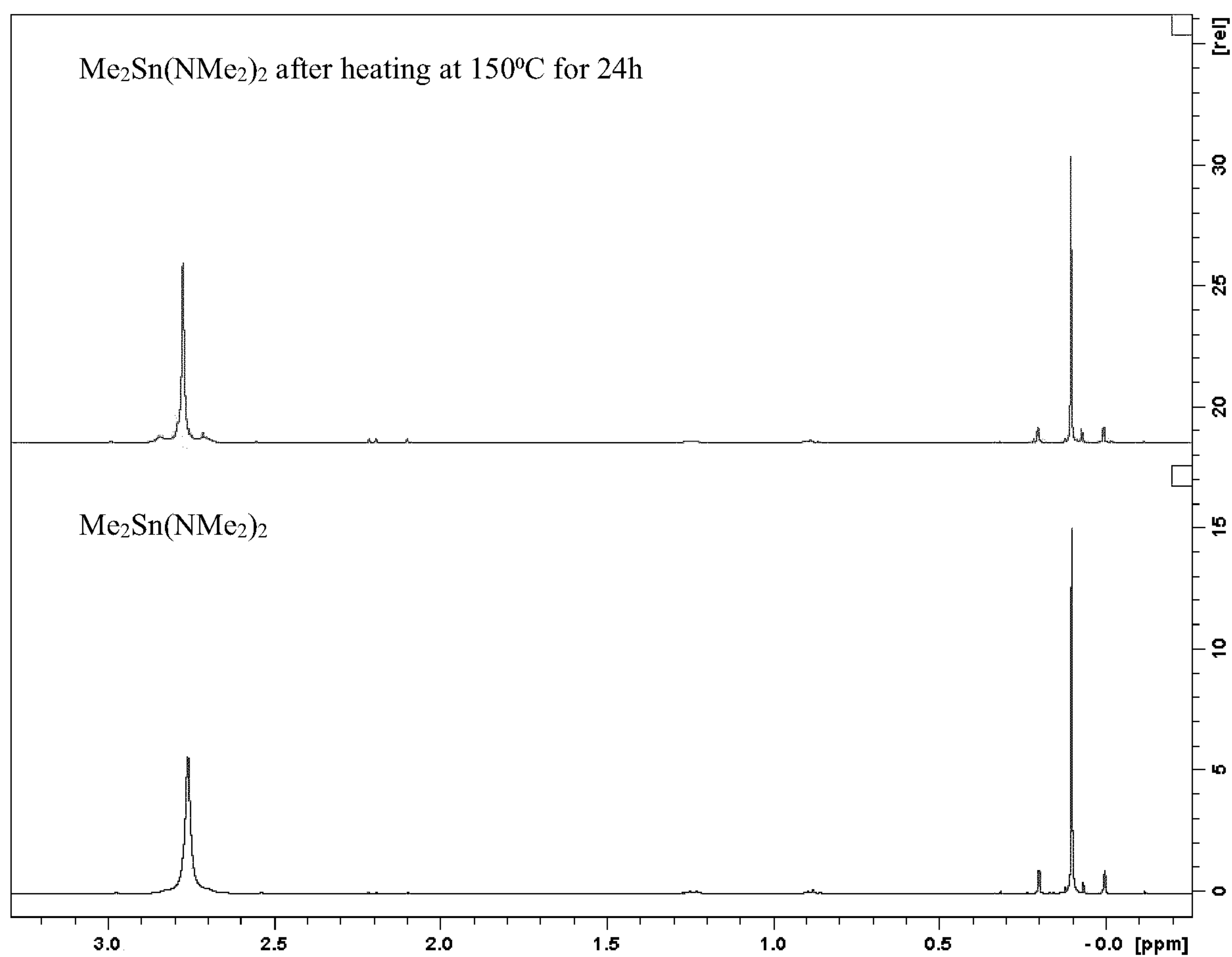


Figure 27. NMR of $\text{Me}_2\text{Sn}(\text{NMe}_2)_2$ before and after heating at 150°C

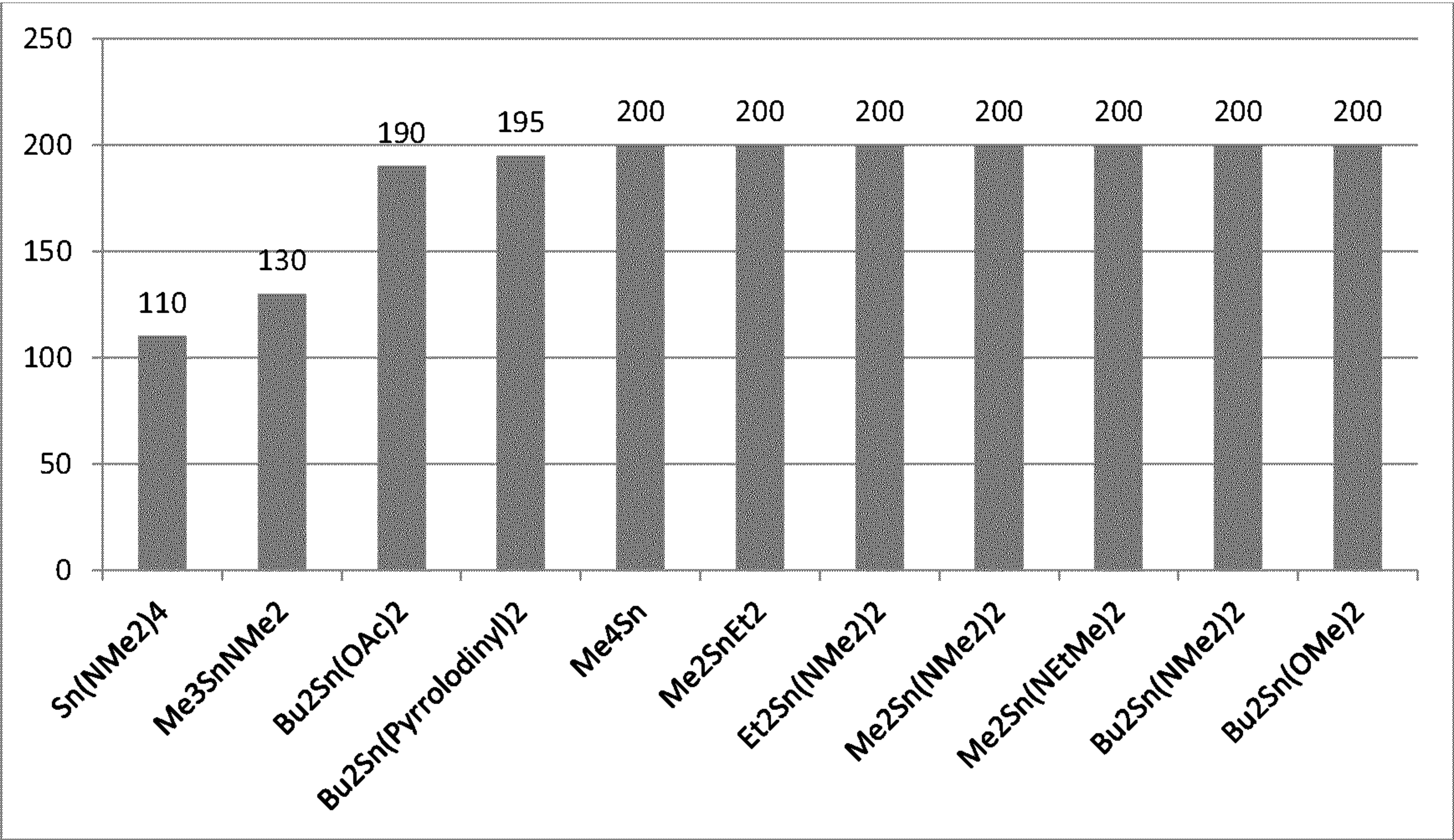
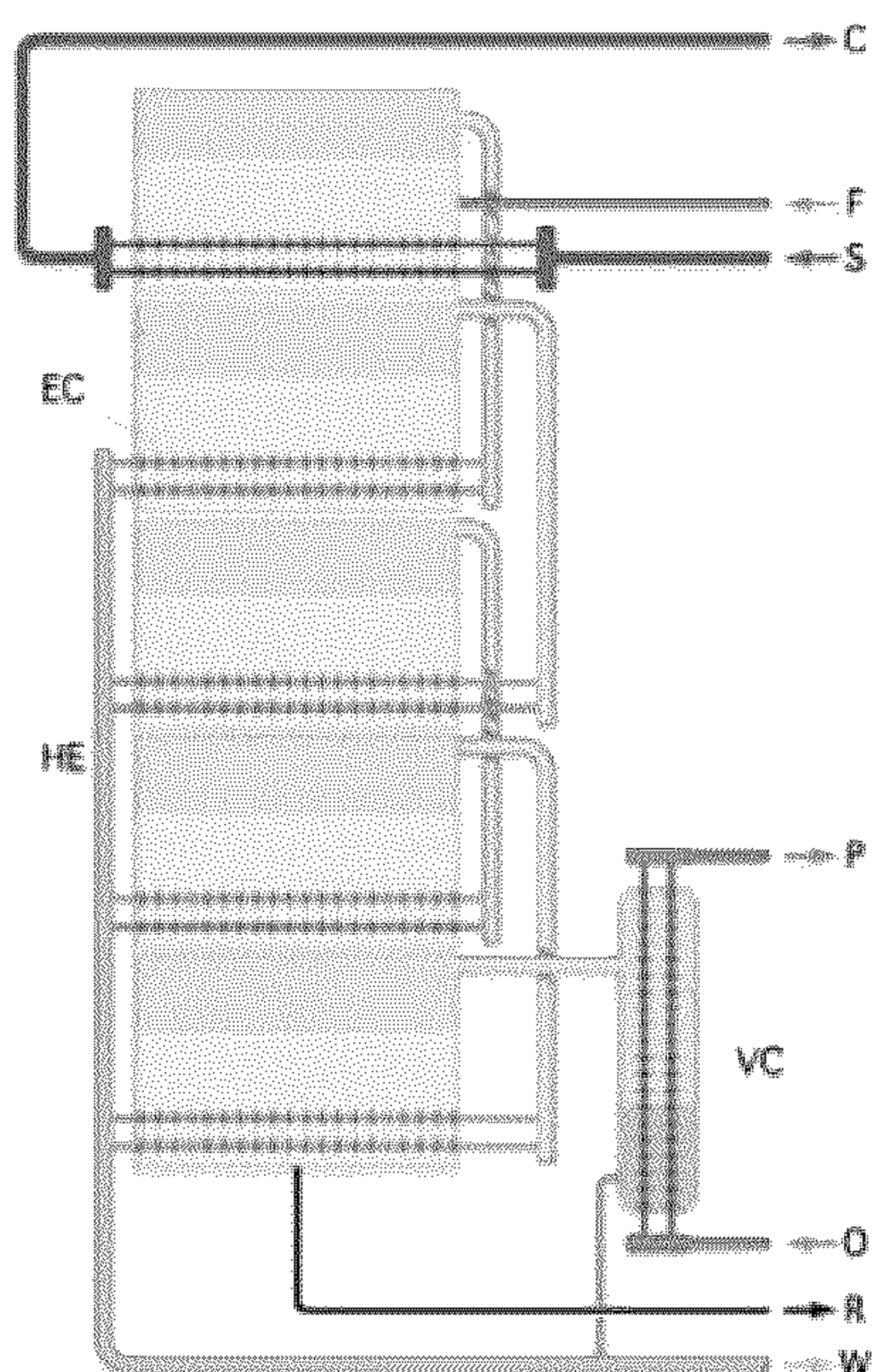


Figure 28. Decomposition temperature of illustrative compounds of Formula I.



Schematic of a multiple effect desalination plant. The first stage is at the top. Pink areas are vapor, lighter blue areas are liquid feed material. Stronger turquoise is condensate. It is not shown how feed material enters other stages than the first. F - feed in. S - heating steam in. C - heating steam out. W – purified material (condensate) out. R – waste material out. O - coolant in. P - coolant out. VC is the last-stage cooler.

Figure 29. Multistage Distillation Example