

Supplementary Materials: Homo-Polymerization of 1-Hexene Catalysed by O^NN (Salicylaldimine)Iron(III) Pre-Catalysts to Branched Poly(1-Hexene)

Margaret Yankey, Collins Obuah and James Darkwa

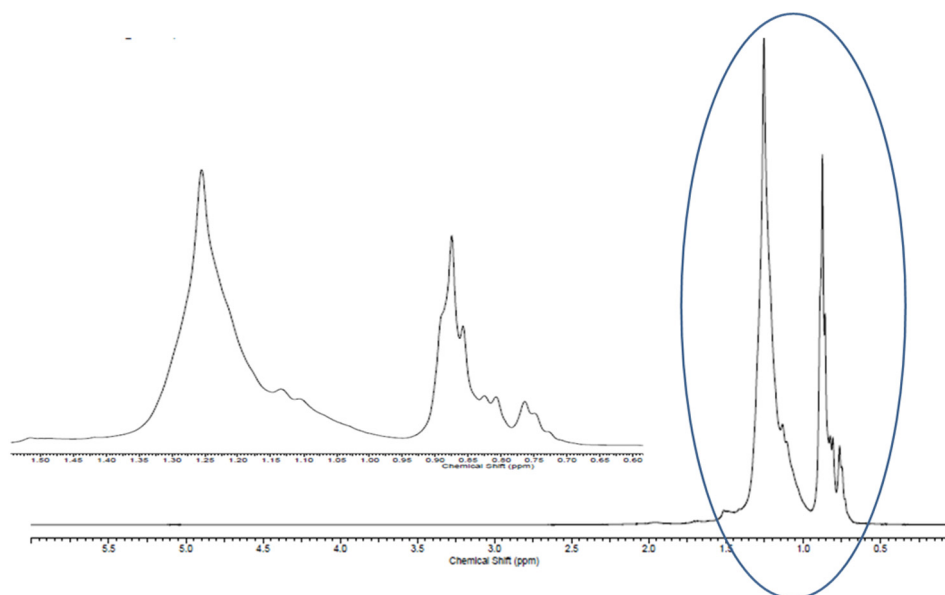


Figure S1. The ¹H NMR spectrum of poly(1-hexene) synthesised using (salicylaldimine)iron(III) pre-catalyst **1** with EtAlCl₂.

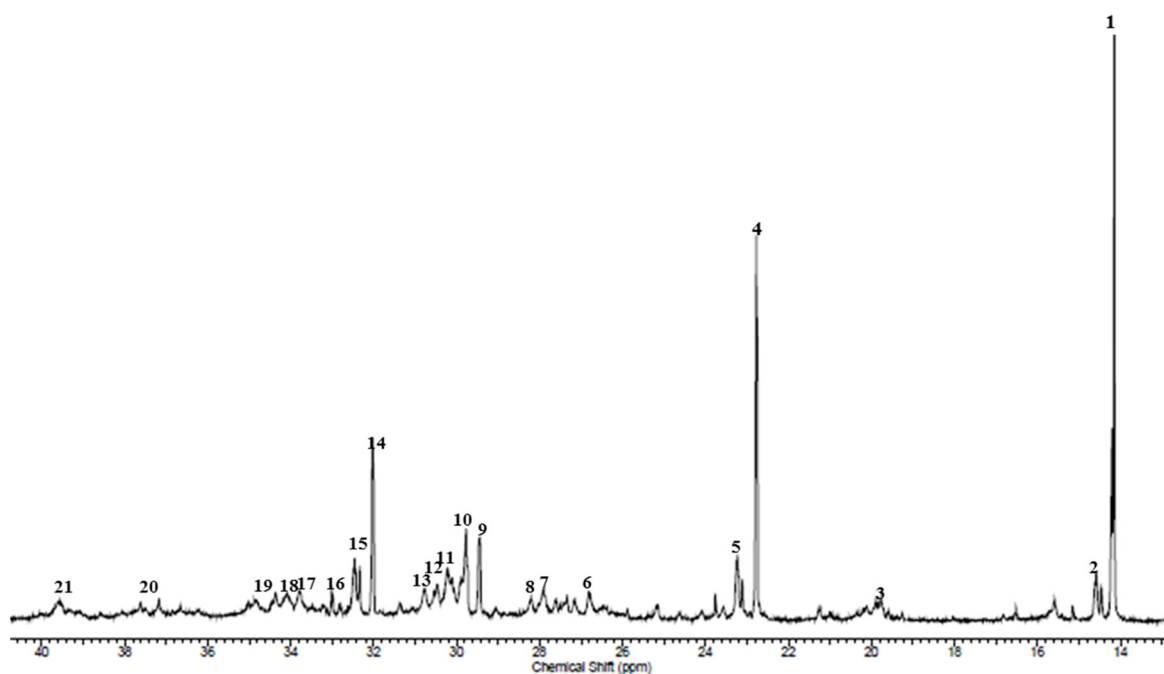


Figure S2. ¹³C{¹H} NMR spectrum of the poly(1-hexene) obtained using (salicylaldimine)iron(III) pre-catalyst **1** (Table 1: entry 7).

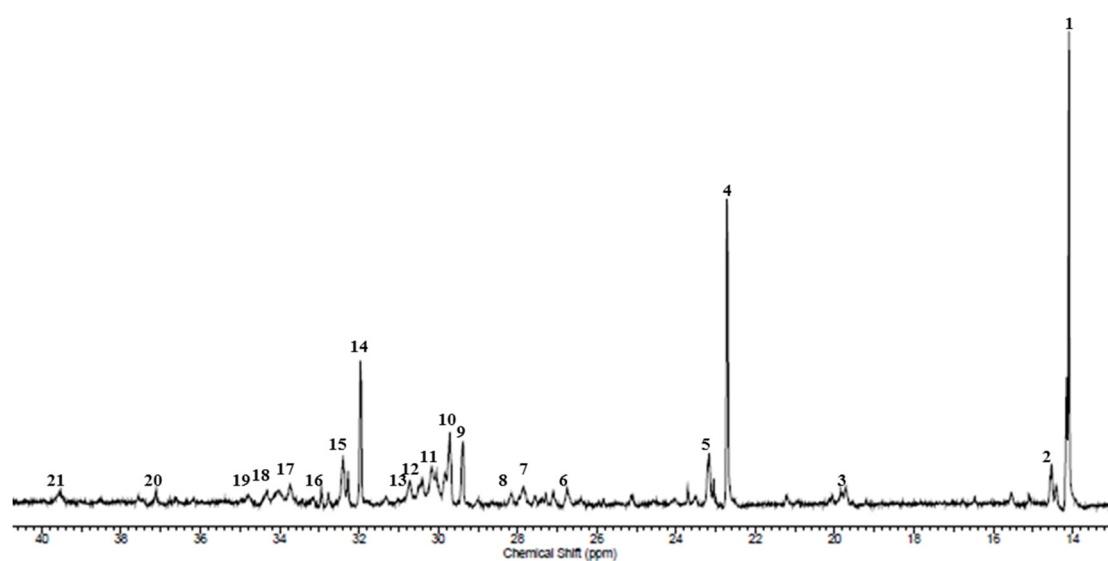


Figure S3. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of the poly(1-hexene) obtained using (salicylaldimine)iron(III) pre-catalyst **1** (Table 1: entry 9).

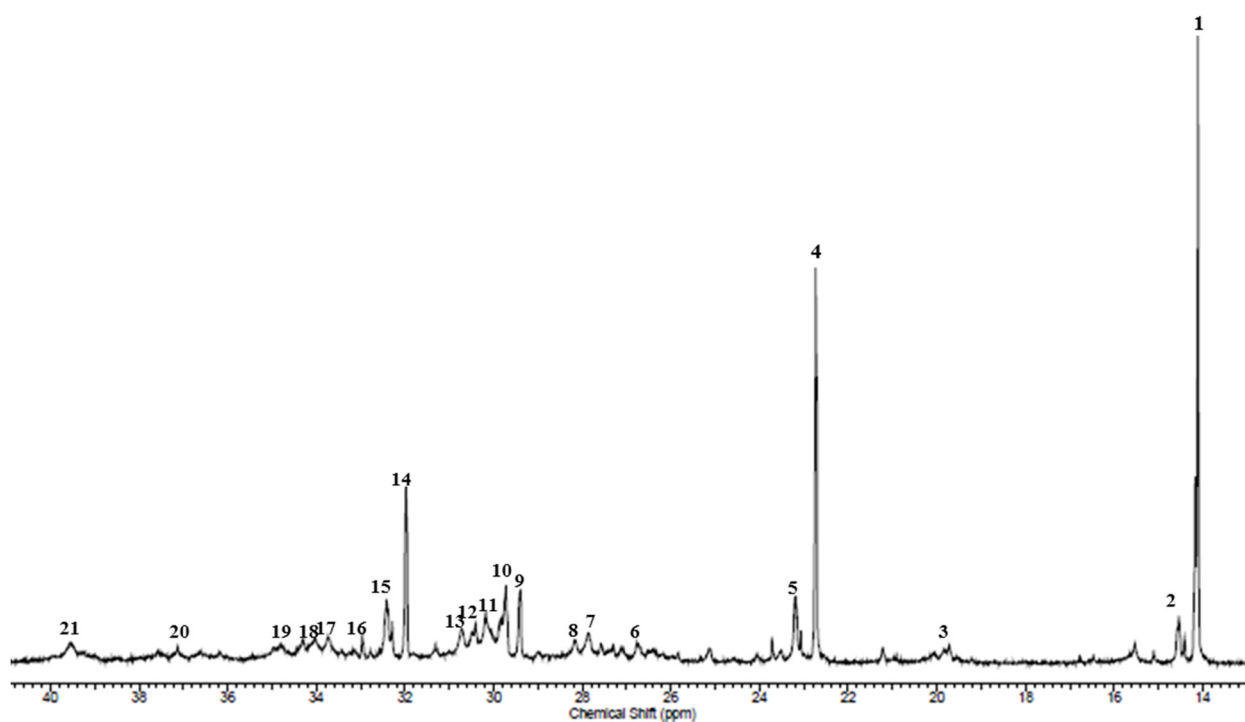


Figure S4. $^{13}\text{C}\{^1\text{H}\}$ NMR spectrum of the poly(1-hexene) obtained using (salicylaldimine)iron(III) pre-catalyst **1** (Table 1: entry 10).

