

Supporting Information  
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## Supporting Information

One-shot Deprotonative Metalation/Transmetalation/Polymerization of Halothiophenes Catalyzed by Nickel Complex for Polythiophene Synthesis

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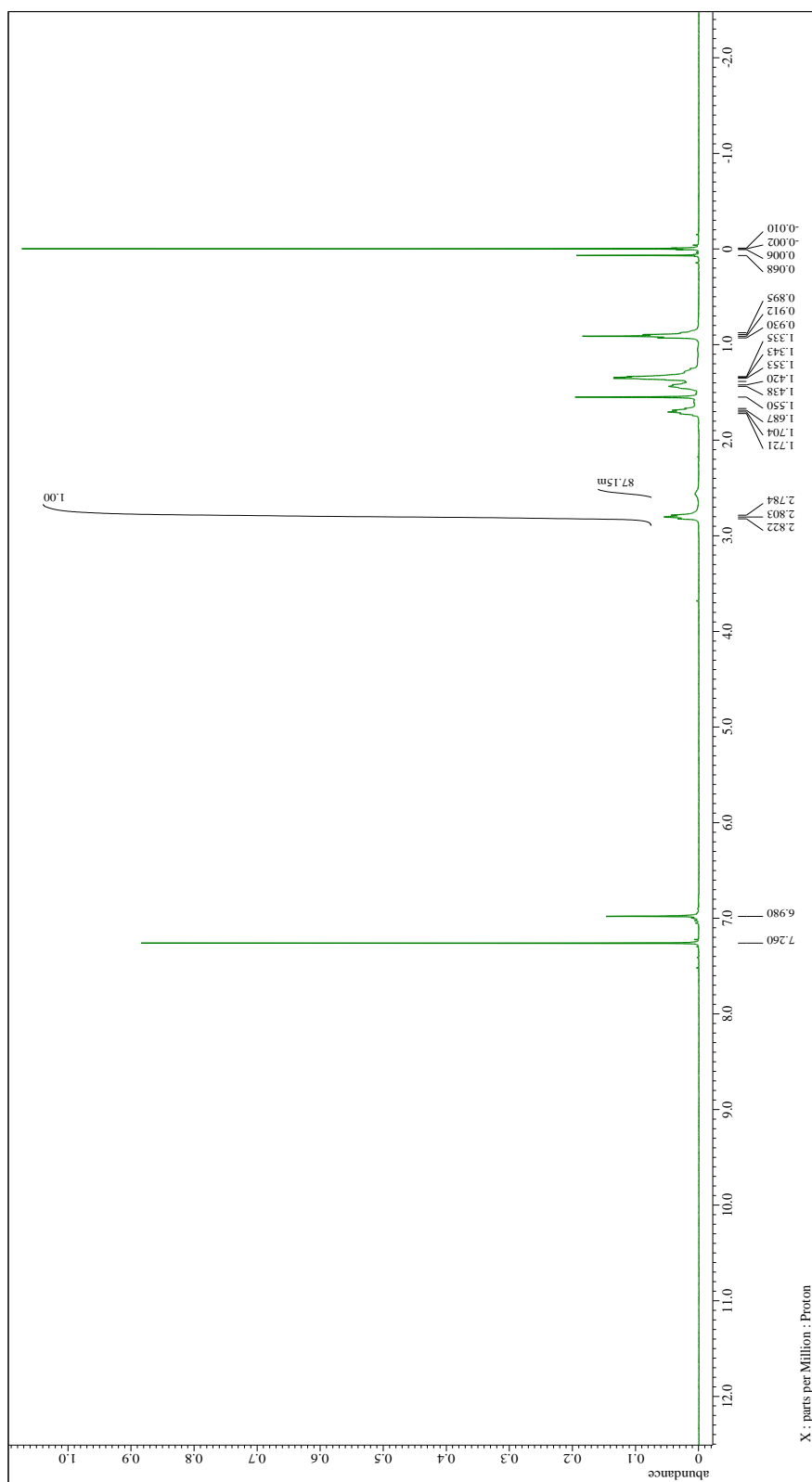
NMR

s2

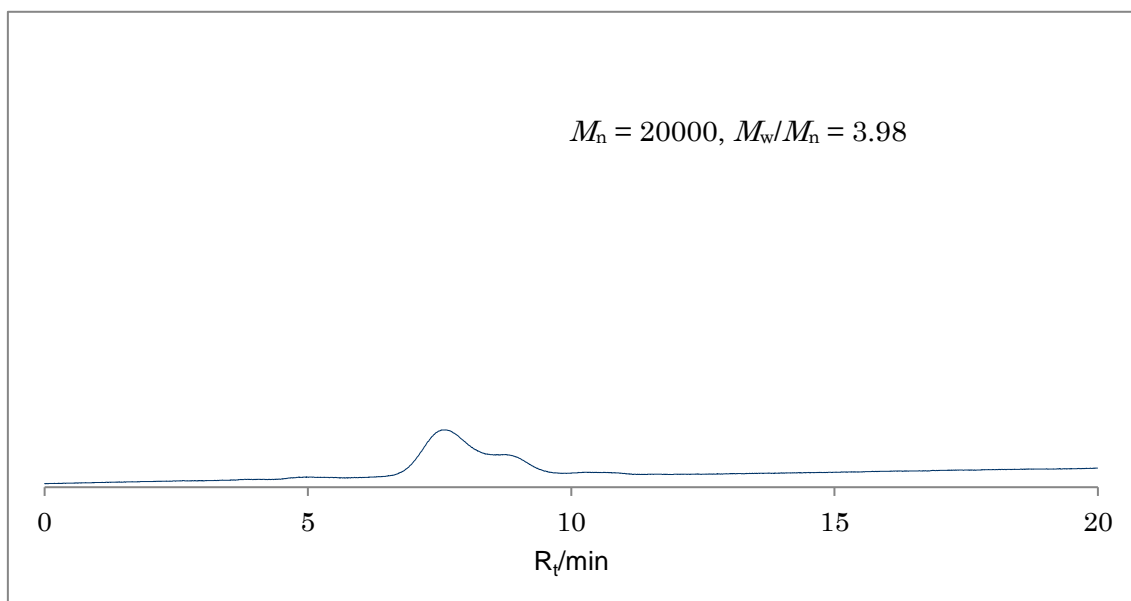
SEC profiles of polythiophenes

s3

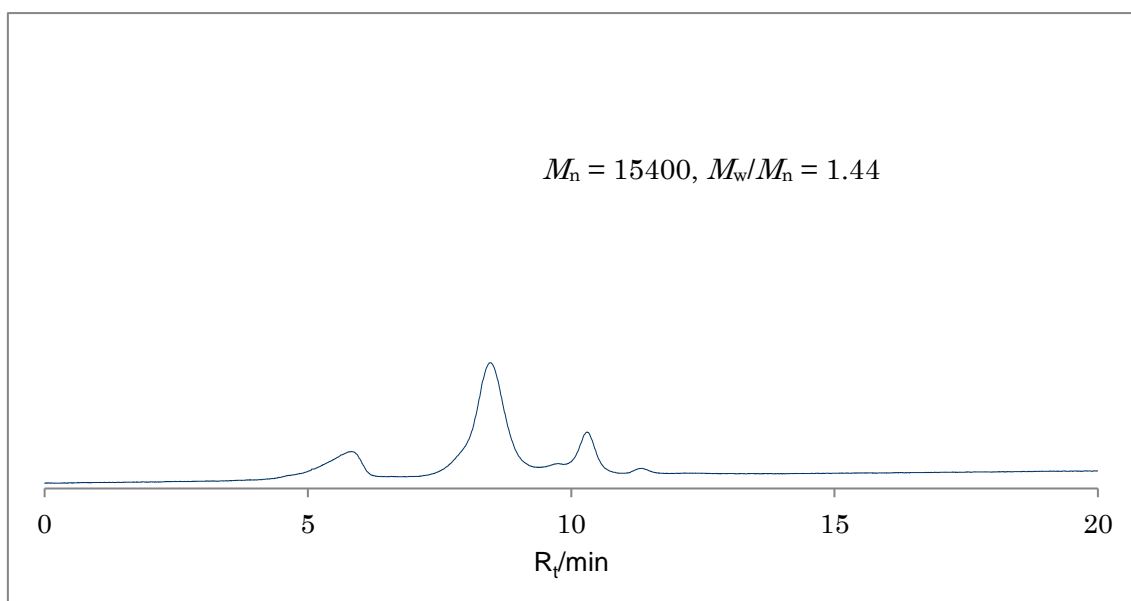
$^1\text{H}$  NMR (400 MHz,  $\text{CDCl}_3$ ) of **3**



SEC profile of **3** (deprotonation with LDA shown in Table 1)



SEC profile of **3** (polymerization with LDA in the presence of MnCl<sub>2</sub> shown in Table 1)



SEC profile of **3** (one-shot polymerization shown in Table )

