

Supporting Information

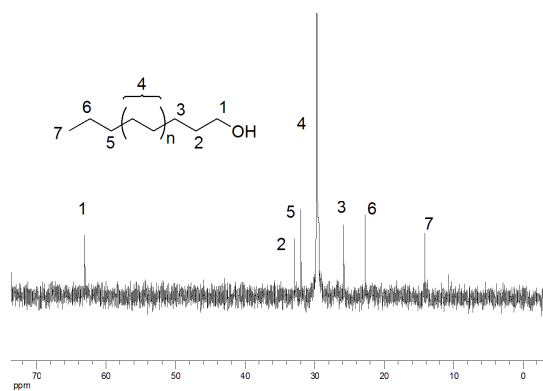


Figure S1. ^{13}C NMR spectrum of PE-OH in 1,2-dichlorobenzene- d_4 at 120 °C.

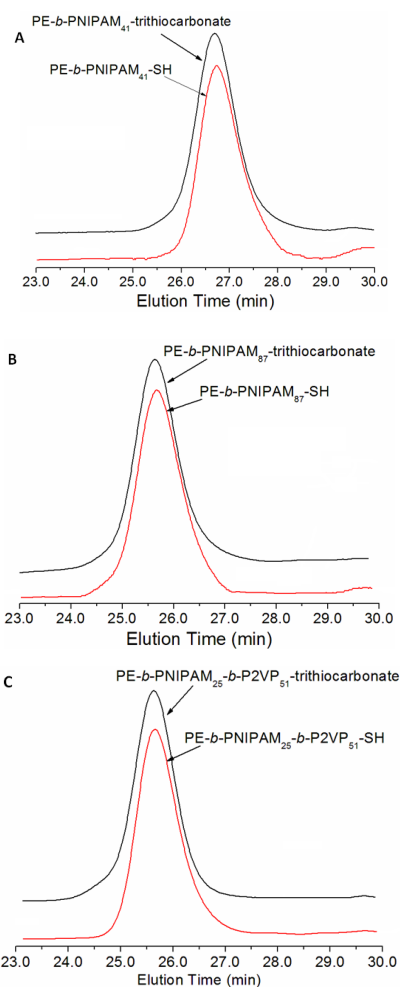
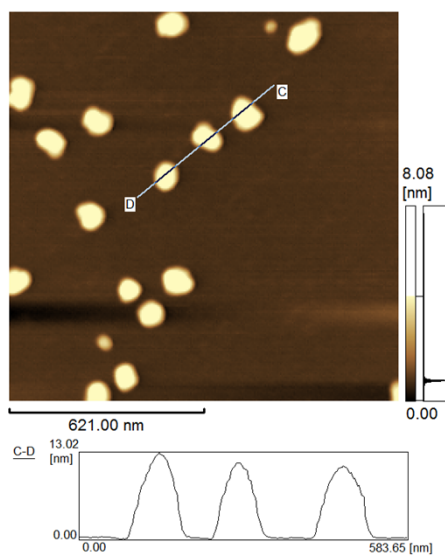


Figure S2. GPC traces of **A** PE-*b*-PNIPAM₄₁ **B** PE-*b*-PNIPAM₈₇ and **C** PE-*b*-PNIPAM₂₅-*b*-P2VP₅₁

before and after aminolysis reactions.

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Figure S3. Topographic AFM images and a section analysis of the formed micelles of

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PE-*b*-PNIPAM₈₇ after heating and cooling cycles from 20 °C to 150 °C.