Supplementary Information for

Reneable polyesters derived from 10-undecenoic acid and vanillic acid with versatile properties

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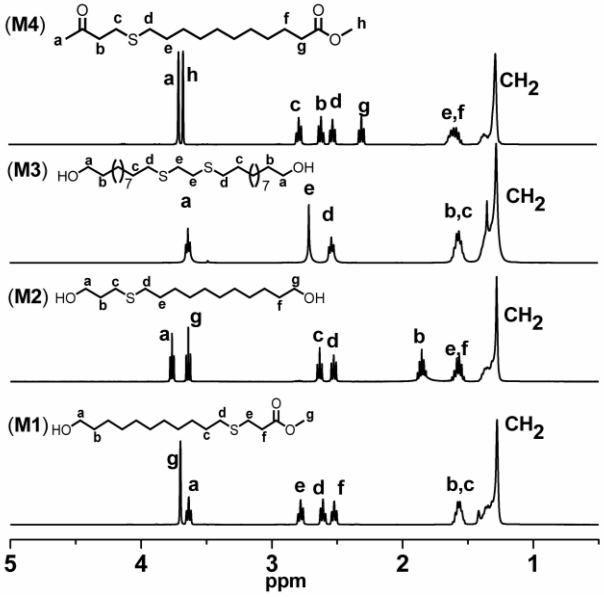

Figure S1. Stacked ^{1}H NMR spectra of **M1-4**

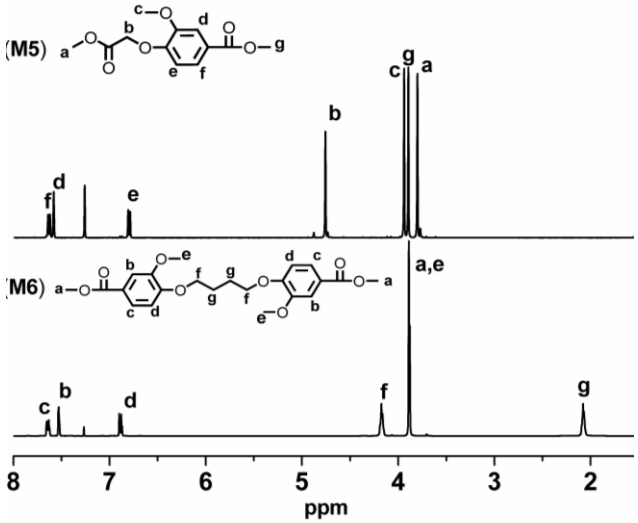

Figure S2. Stacked ^{1}H NMR spectra of **M5** and **M6**

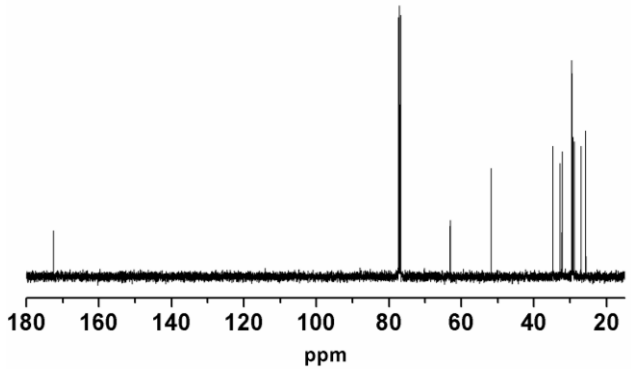

Figure S3. ^{13}C NMR spectra of **M1**

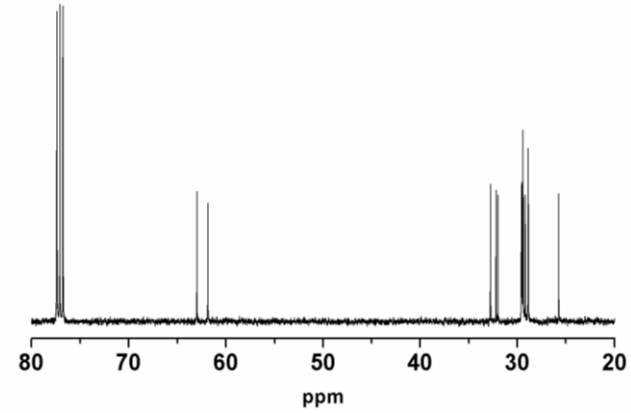

Figure S4. ^{13}C NMR spectra of **M2**

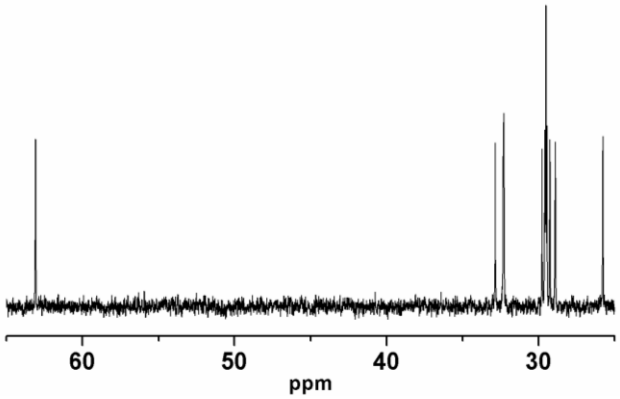

Figure S5. ^{13}C NMR spectra of **M3**

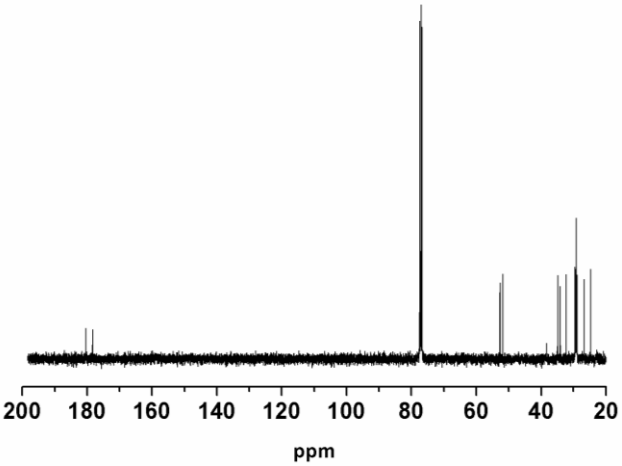

Figure S6. ^{13}C NMR spectra of **M4**

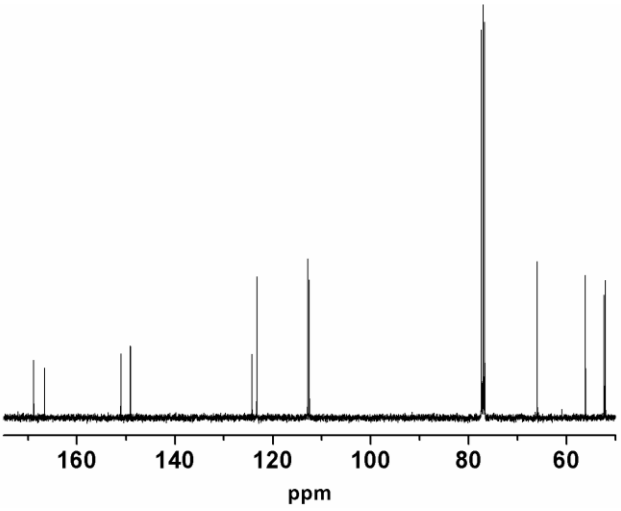

Figure S7. ^{13}C NMR spectra of **M5**

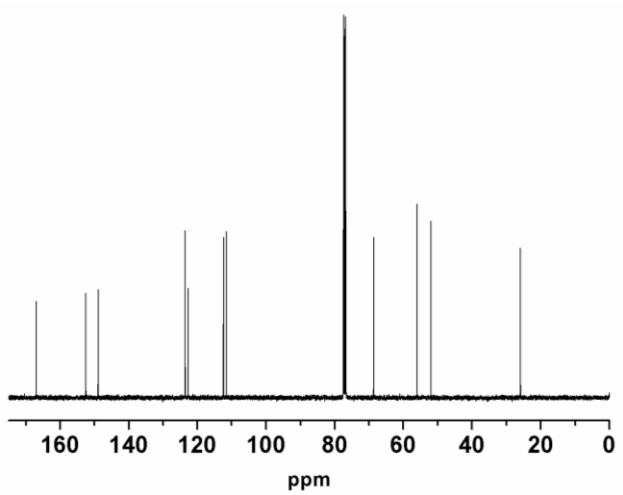

Figure S8. ^{13}C NMR spectra of **M6**

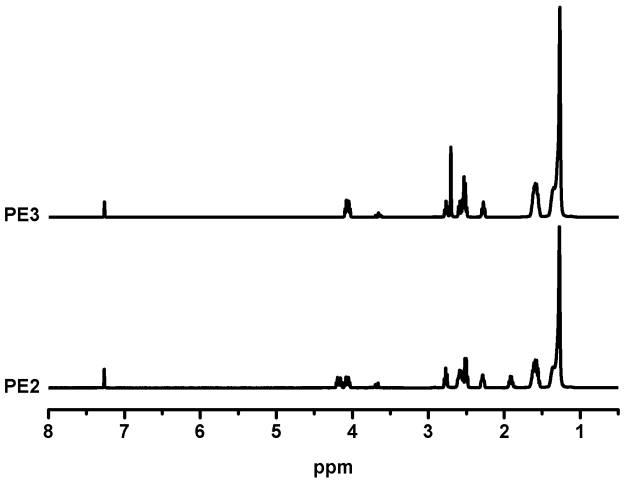

Figure S9. ^{1}H NMR spectra of **PE2,PE3**

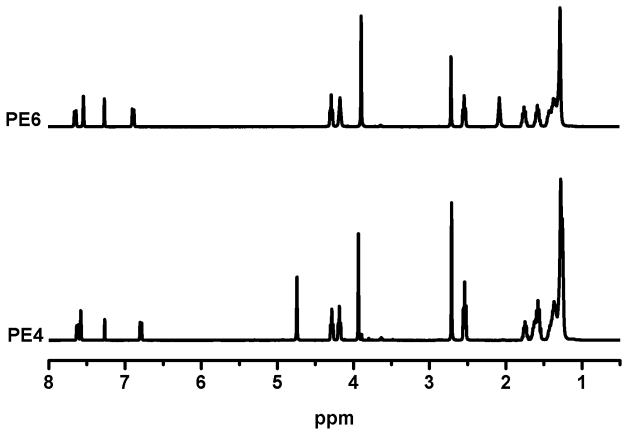

Figure S10. ^{1}H NMR spectra of **PE4,PE6**

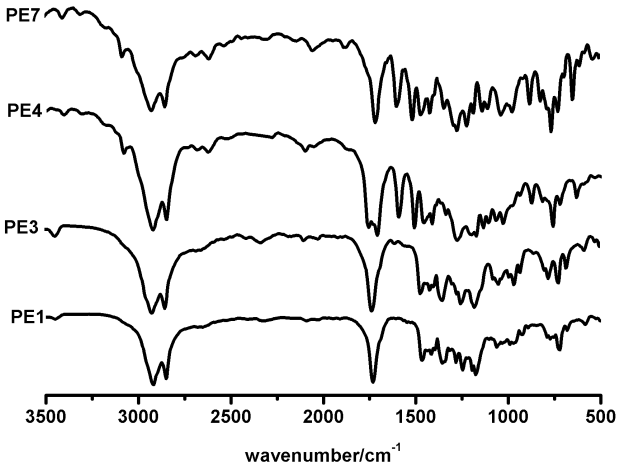

Figure S11. FTIR of spectra of **PE1, PE3, PE4, PE7**

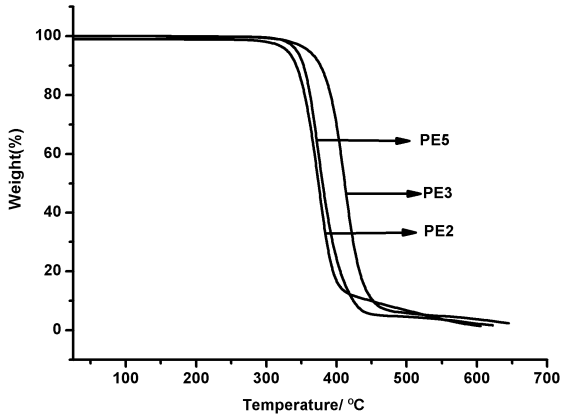

Figure S12. TGA curves of **PE2**, **PE3** and **PE5** at a heating rate of 10 °C min^{-1}

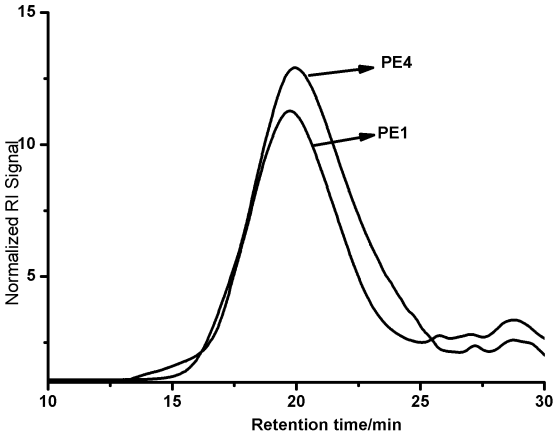

Figure S13. SEC traces of selected synthesized **PE1**and **PE4**

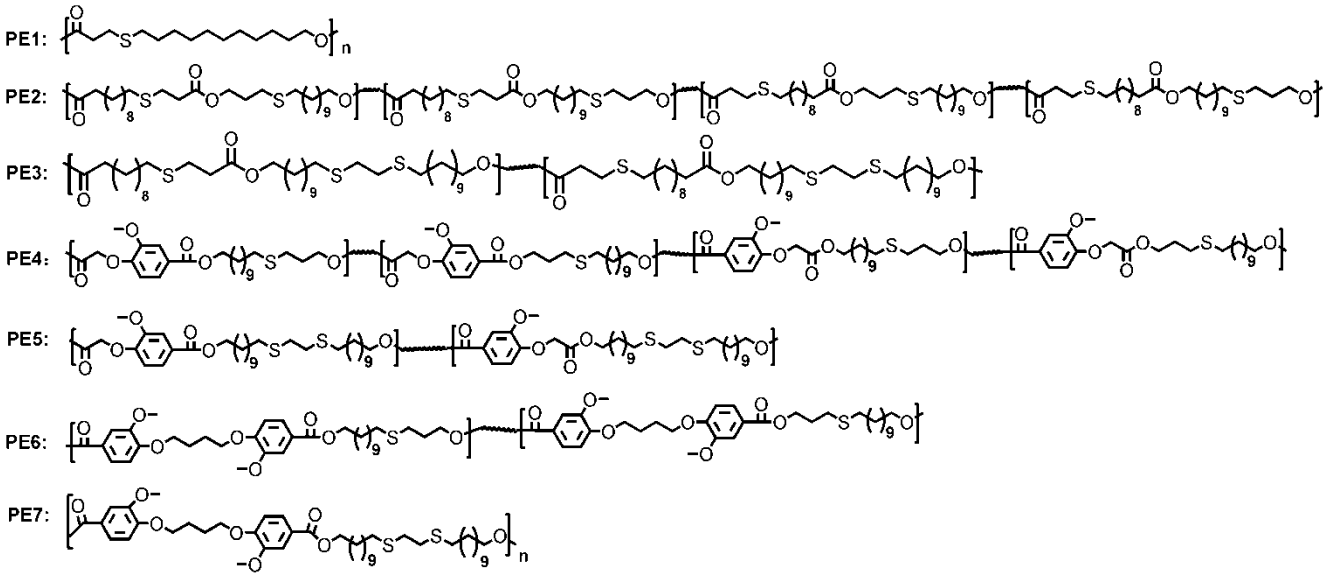

Figure S14. Detailed structures of **PEs 1-7**.